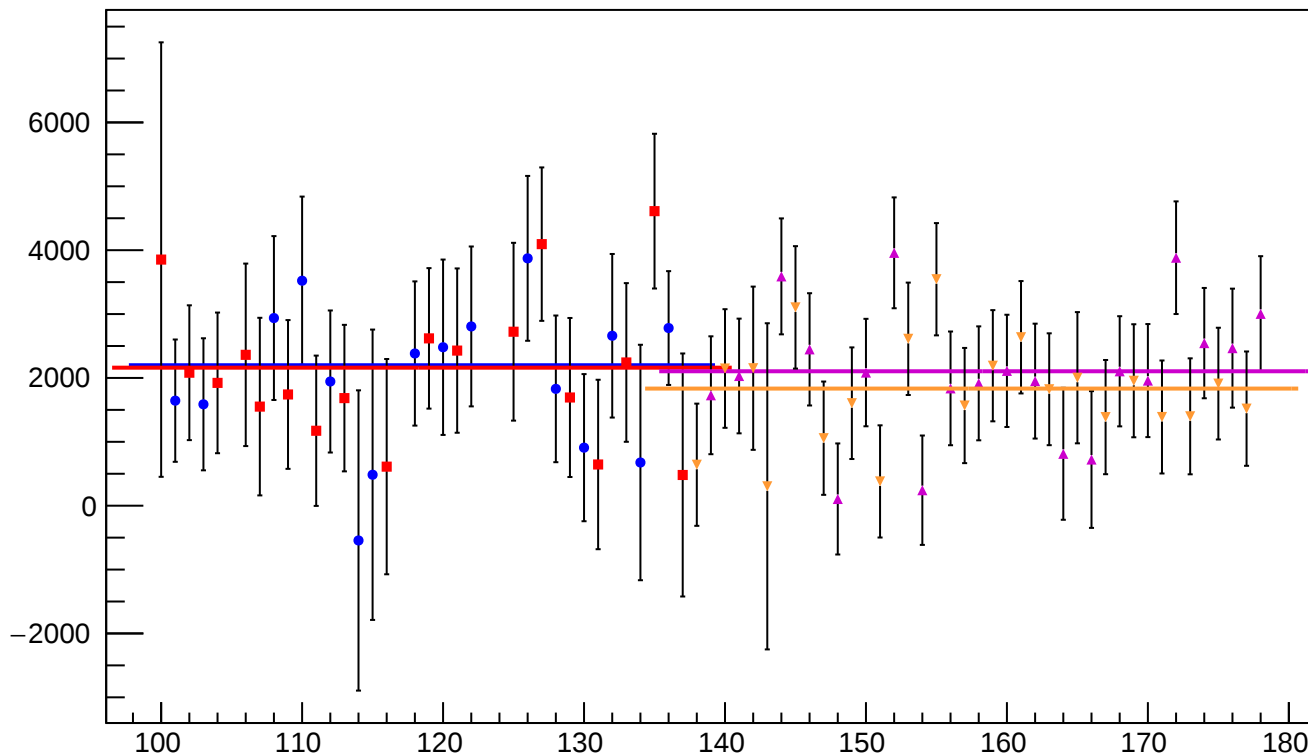


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1833.442+/-203.100

Right Out: 2160.742+/-303.587

Left In: 2104.498+/-200.634

χ^2/NDF : 8.6/15

χ^2/NDF : 14.0/20

χ^2/NDF : 11.7/17

χ^2/NDF : 26.5/19

Left: 1970.626+/-142.734

Right: 2179.612+/-215.784

In: 2132.775+/-167.911

Out: 1934.638+/-168.807

All: 2034.234+/-119.047

χ^2/NDF : 41.4/40

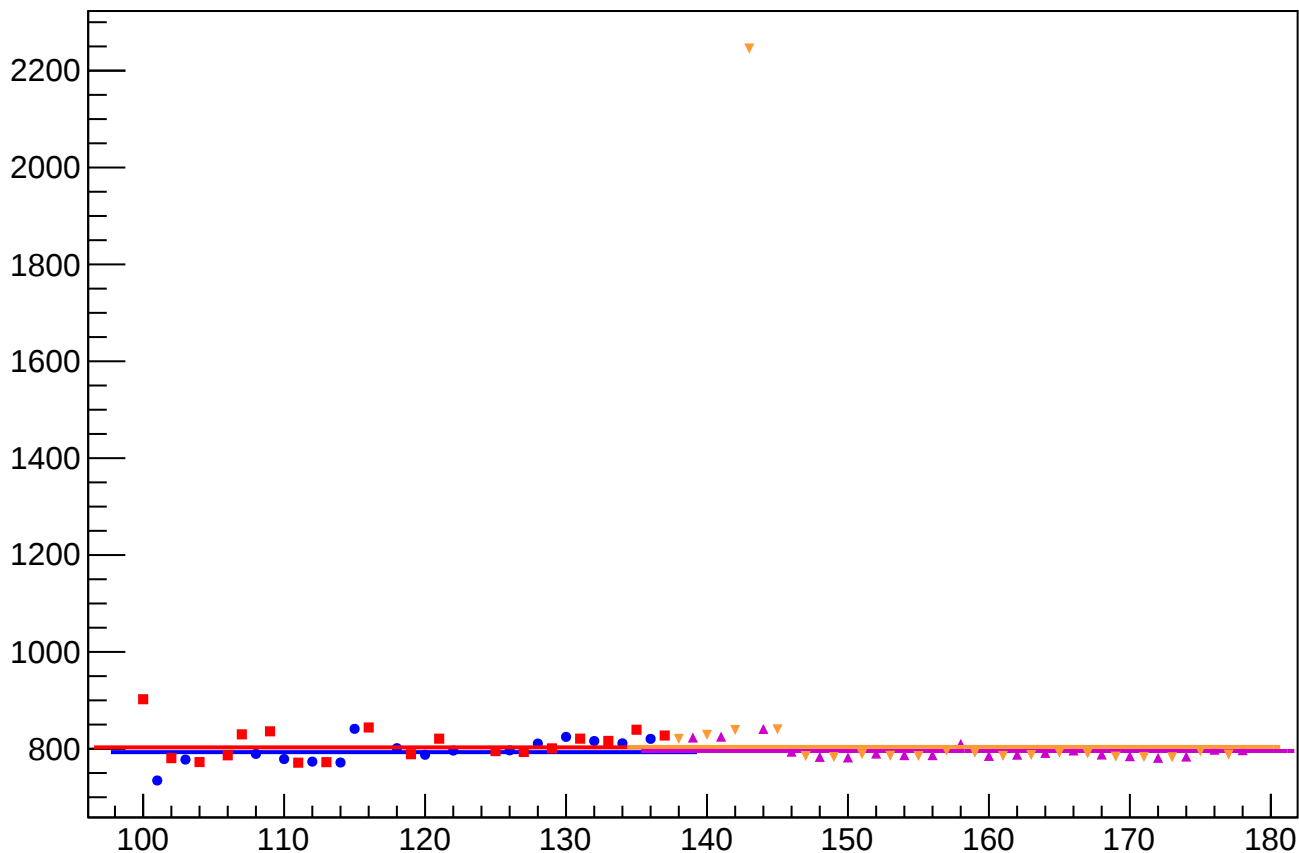
χ^2/NDF : 20.3/33

χ^2/NDF : 35.1/35

χ^2/NDF : 26.5/38

χ^2/NDF : 62.3/74

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091 $\pm$ 0.217 χ^2 /NDF: 14703.0/15

Left Out: 803.870 $\pm$ 0.144 χ^2 /NDF:655580.2/20

Right Out: 802.946 $\pm$ 0.215 χ^2 /NDF: 14445.6/17

Left In: 795.488 $\pm$ 0.142 χ^2 /NDF:12647.0/19

Left: 799.628 $\pm$ 0.101 χ^2 /NDF: 669951.2/40

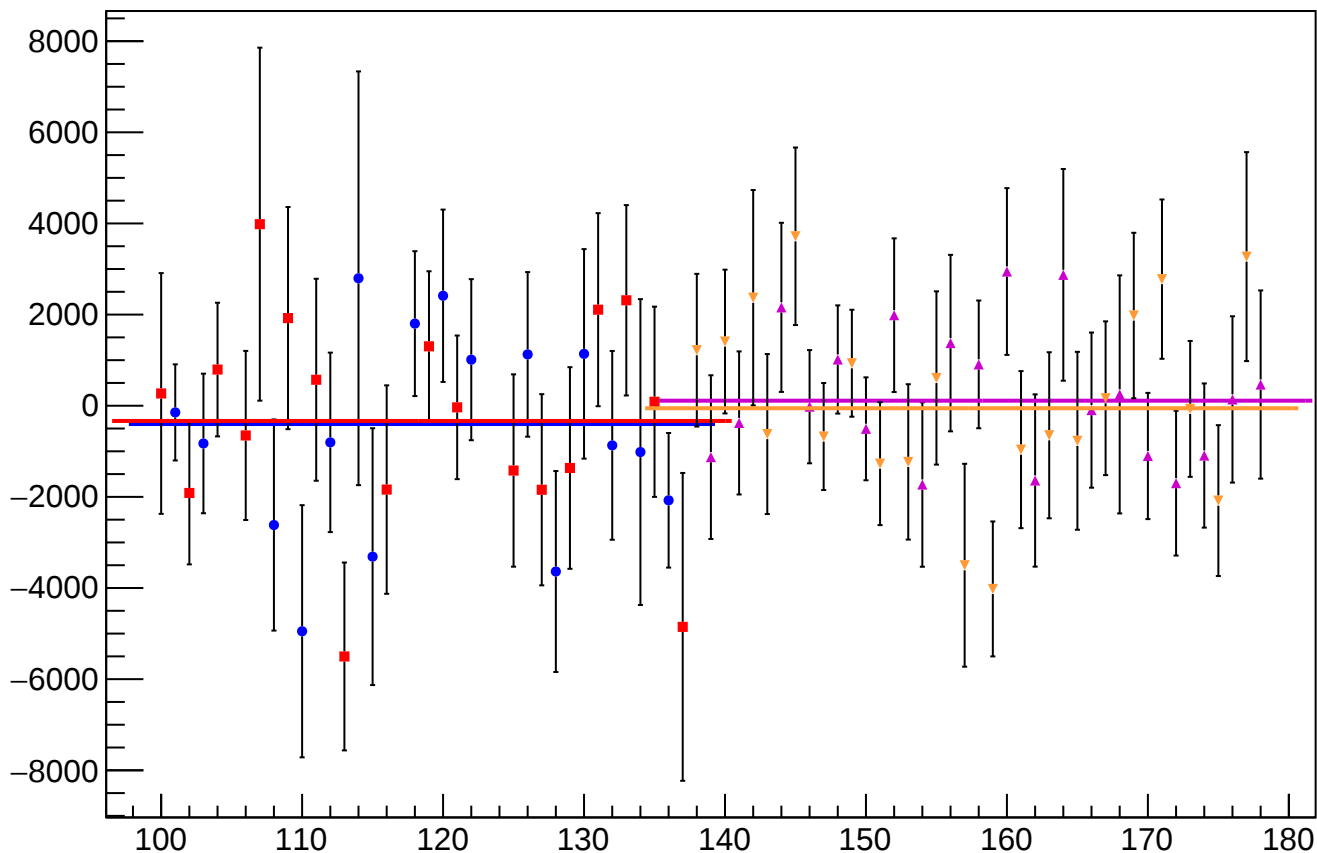
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

In: 794.770 $\pm$ 0.119 χ^2 /NDF:27435.6/35

Out: 803.584 $\pm$ 0.119 χ^2 /NDF:670038.5/38

All: 799.153 $\pm$ 0.084 χ^2 /NDF: 700215.2/74

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -55.334 $\pm$ 360.531 χ^2 /NDF: 26.3/20

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

Left In: 110.704 $\pm$ 360.613 χ^2 /NDF: 13.1/19

Left: 27.666 $\pm$ 254.963 χ^2 /NDF: 39.5/40

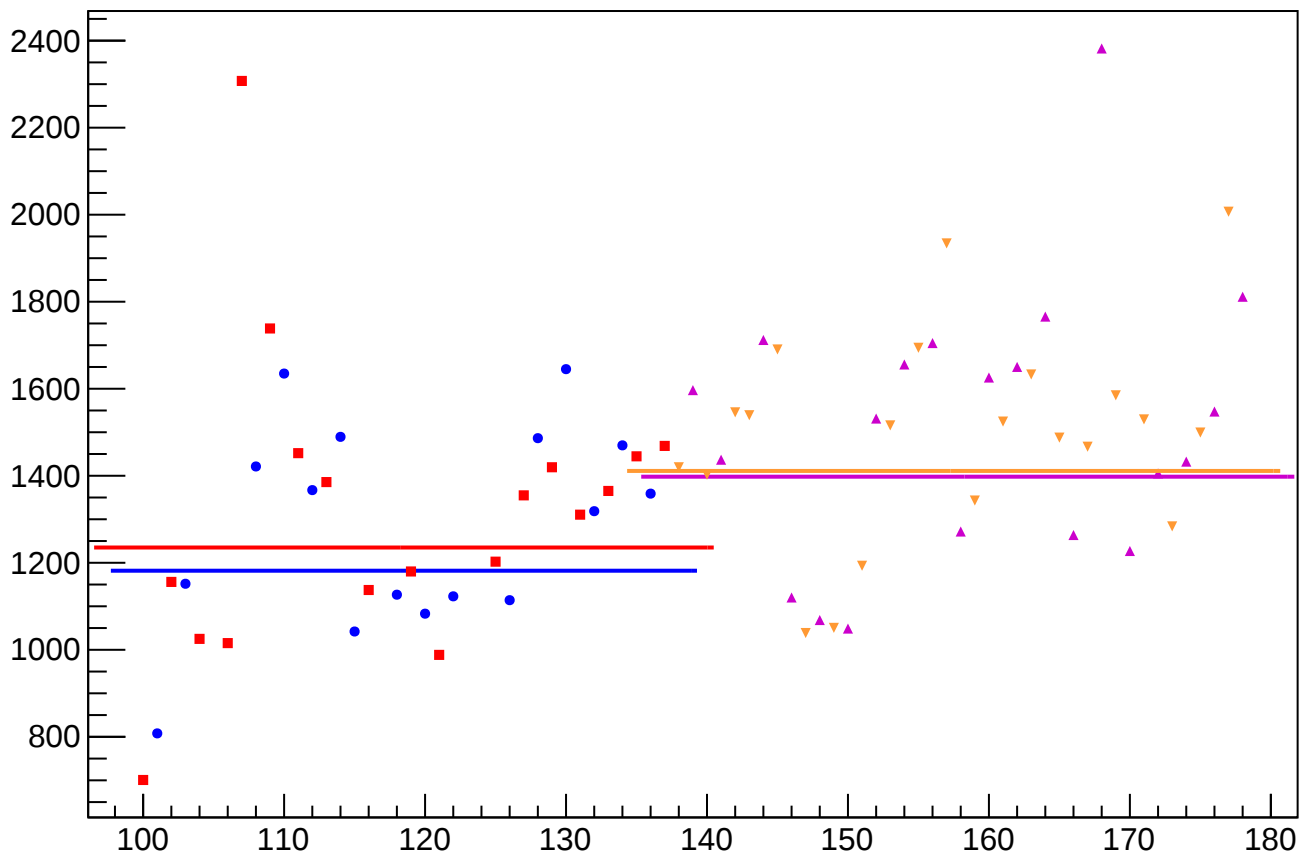
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

In: -79.758 $\pm$ 285.801 χ^2 /NDF: 28.6/35

Out: -156.252 $\pm$ 287.941 χ^2 /NDF: 44.0/38

All: -117.720 $\pm$ 202.844 χ^2 /NDF: 72.7/74

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1411.079 $\pm$ 0.255 χ^2 /NDF: 893699.0/20

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

Left In: 1397.854 $\pm$ 0.255 χ^2 /NDF: 1186271.5/19

Left: 1404.468 $\pm$ 0.180 χ^2 /NDF: 2081315.7/40

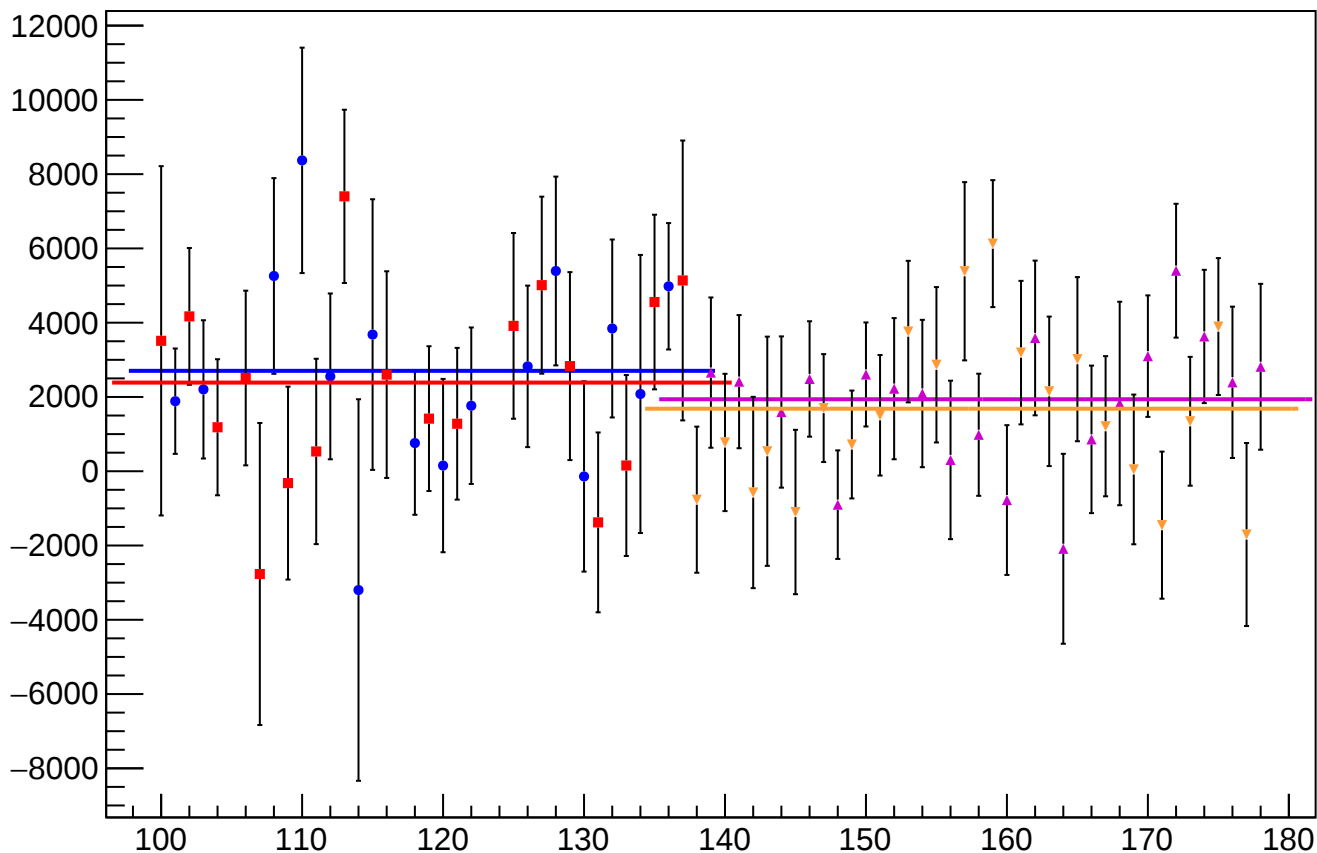
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1317.497 $\pm$ 0.202 χ^2 /NDF: 1996821.5/35

Out: 1347.346 $\pm$ 0.204 χ^2 /NDF: 1606528.7/38

All: 1332.310 $\pm$ 0.143 χ^2 /NDF: 3614176.8/74

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1683.996 $\pm$ 420.676 χ^2 /NDF: 23.0/20

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

Left In: 1938.556 $\pm$ 416.730 χ^2 /NDF: 15.8/19

Left: 1812.475 $\pm$ 296.058 χ^2 /NDF: 39.0/40

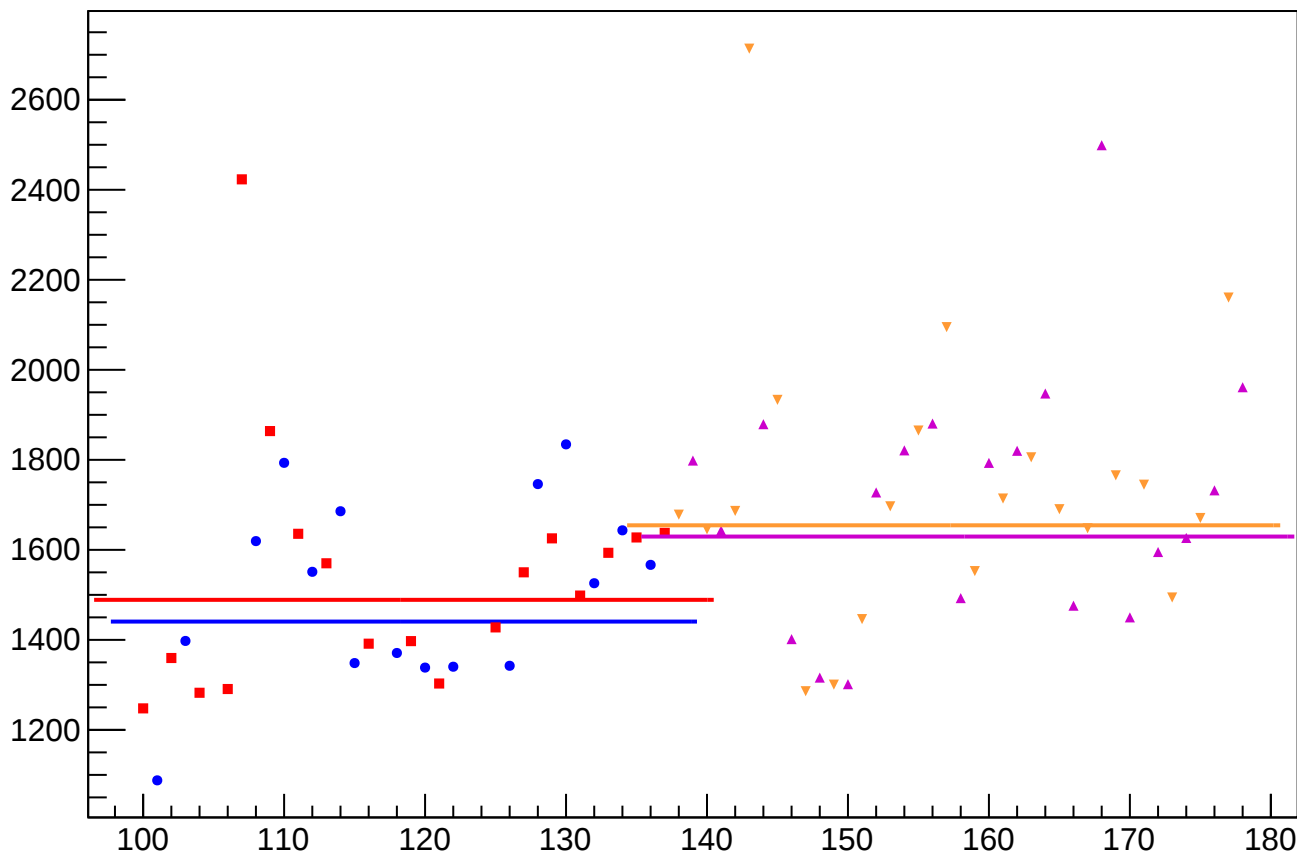
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2208.448 $\pm$ 335.270 χ^2 /NDF: 30.0/35

Out: 1932.424 $\pm$ 338.322 χ^2 /NDF: 40.1/38

All: 2071.686 $\pm$ 238.143 χ^2 /NDF: 70.4/74

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1654.539 $\pm$ 0.297 χ^2 /NDF: 769605.5/20

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

Left In: 1629.558 $\pm$ 0.295 χ^2 /NDF: 702408.4/19

Left: 1641.931 $\pm$ 0.209 χ^2 /NDF: 1475573.3/40

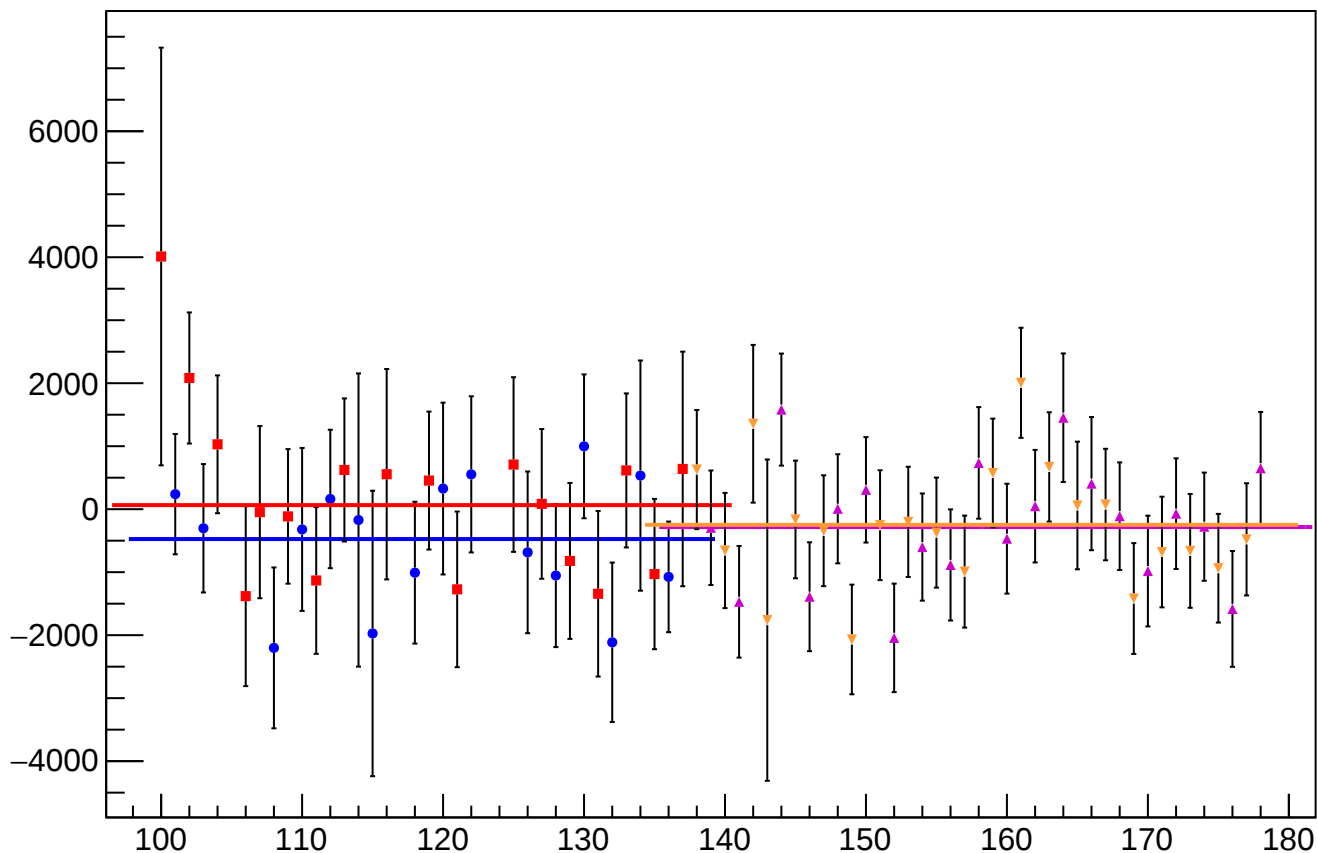
Right: 1464.596 $\pm$ 0.283 χ^2 /NDF: 546361.9/33

In: 1562.924 $\pm$ 0.237 χ^2 /NDF: 1129635.6/35

Out: 1596.049 $\pm$ 0.239 χ^2 /NDF: 1135908.8/38

All: 1579.336 $\pm$ 0.168 χ^2 /NDF: 2275217.7/74

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136 $\pm$ 303.914 χ^2 /NDF: 8.9/15

Left Out: -248.131 $\pm$ 201.170 χ^2 /NDF:20.0/20

Right Out: 64.684 $\pm$ 298.395 χ^2 /NDF: 12.7/17

Left In: -283.746 $\pm$ 198.751 χ^2 /NDF:21.9/19

Left: -266.154 $\pm$ 141.386 χ^2 /NDF: 41.9/40

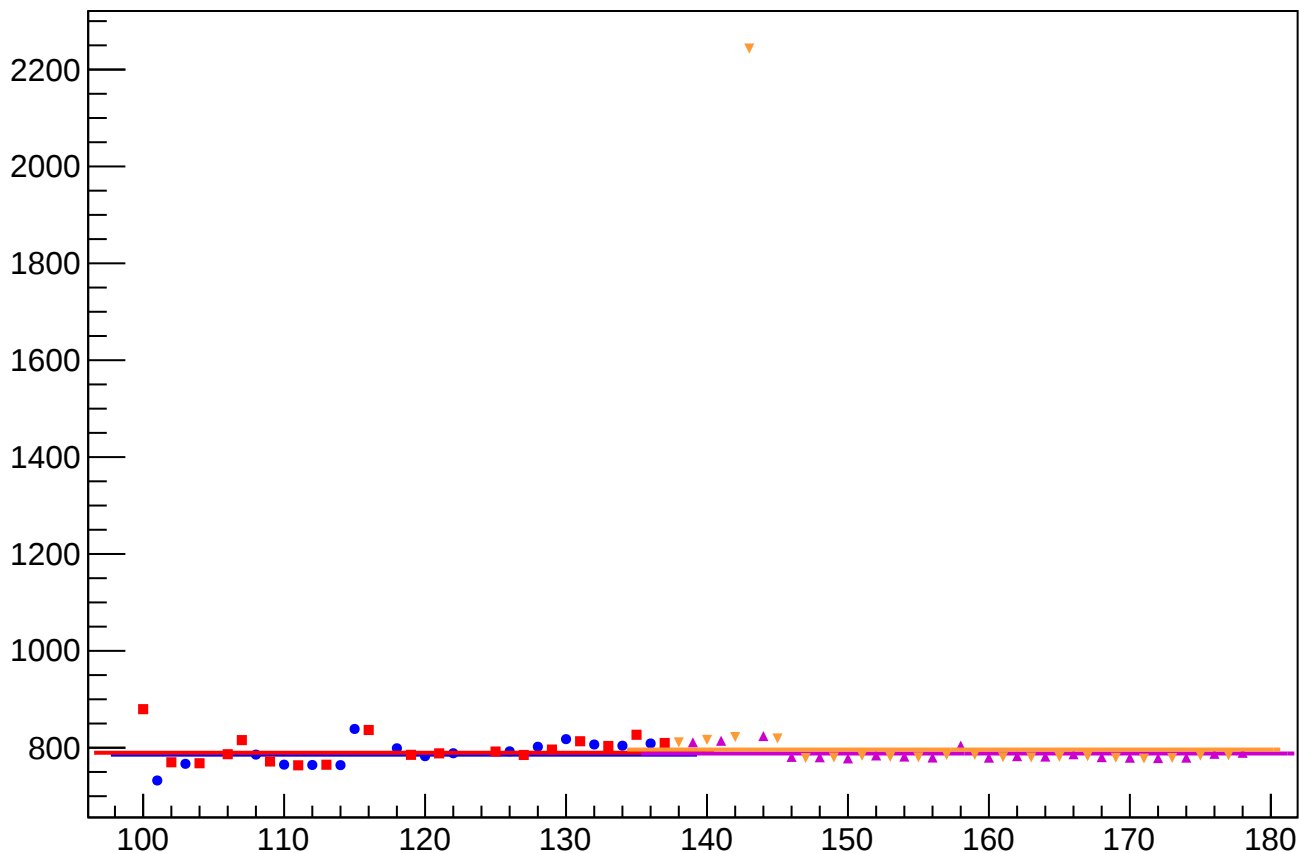
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

In: -340.779 $\pm$ 166.339 χ^2 /NDF:31.0/35

Out: -150.382 $\pm$ 166.803 χ^2 /NDF:33.5/38

All: -245.846 $\pm$ 117.783 χ^2 /NDF: 65.1/74

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746 $\pm$ 0.215 χ^2 /NDF: 13921.5/15

Left Out: 796.297 $\pm$ 0.142 χ^2 /NDF: 656646.1/20

Right Out: 789.675 $\pm$ 0.211 χ^2 /NDF: 11010.0/17

Left In: 788.109 $\pm$ 0.141 χ^2 /NDF: 9063.2/19

Left: 792.153 $\pm$ 0.100 χ^2 /NDF: 667386.1/40

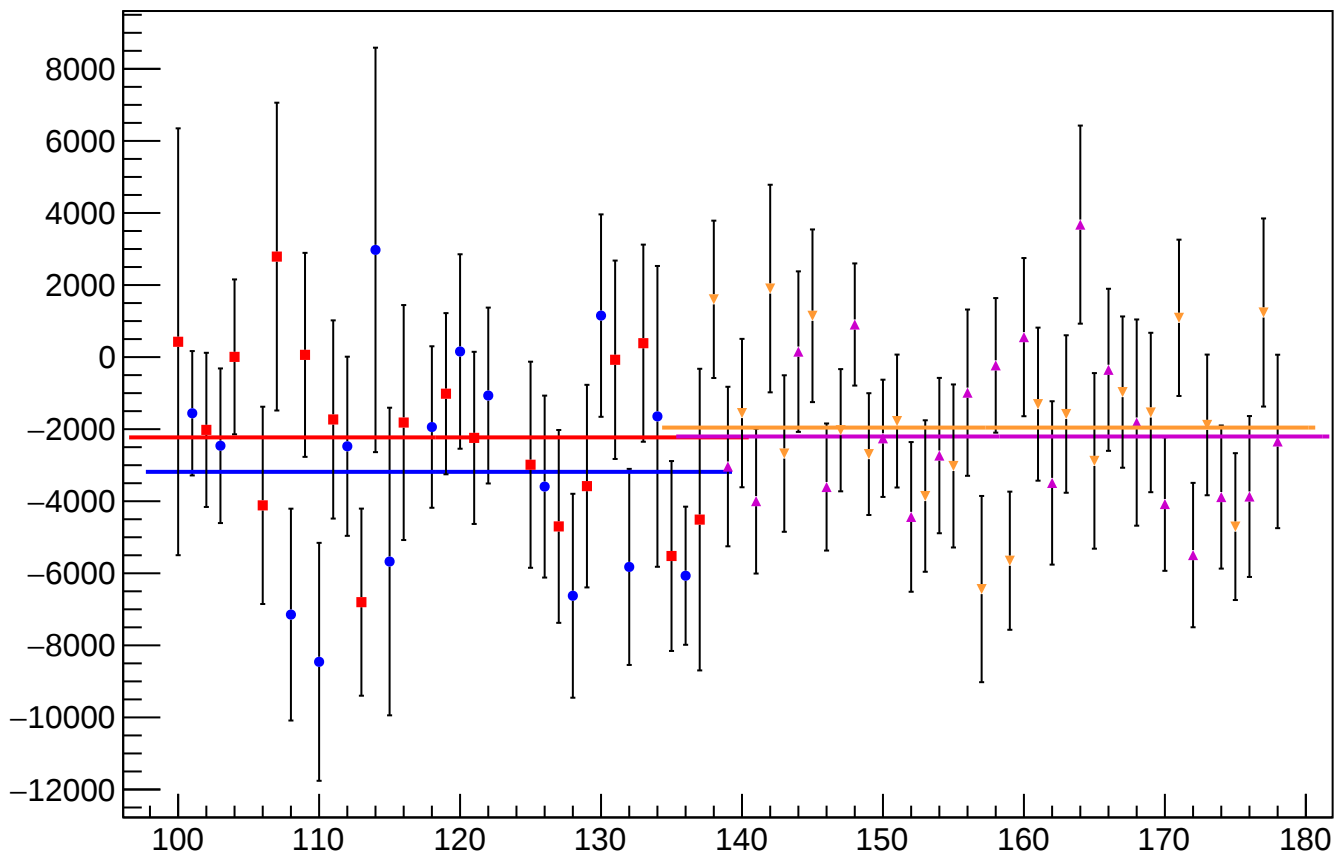
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 787.401 $\pm$ 0.118 χ^2 /NDF: 23069.3/35

Out: 794.228 $\pm$ 0.118 χ^2 /NDF: 668333.2/38

All: 790.805 $\pm$ 0.083 χ^2 /NDF: 693082.4/74

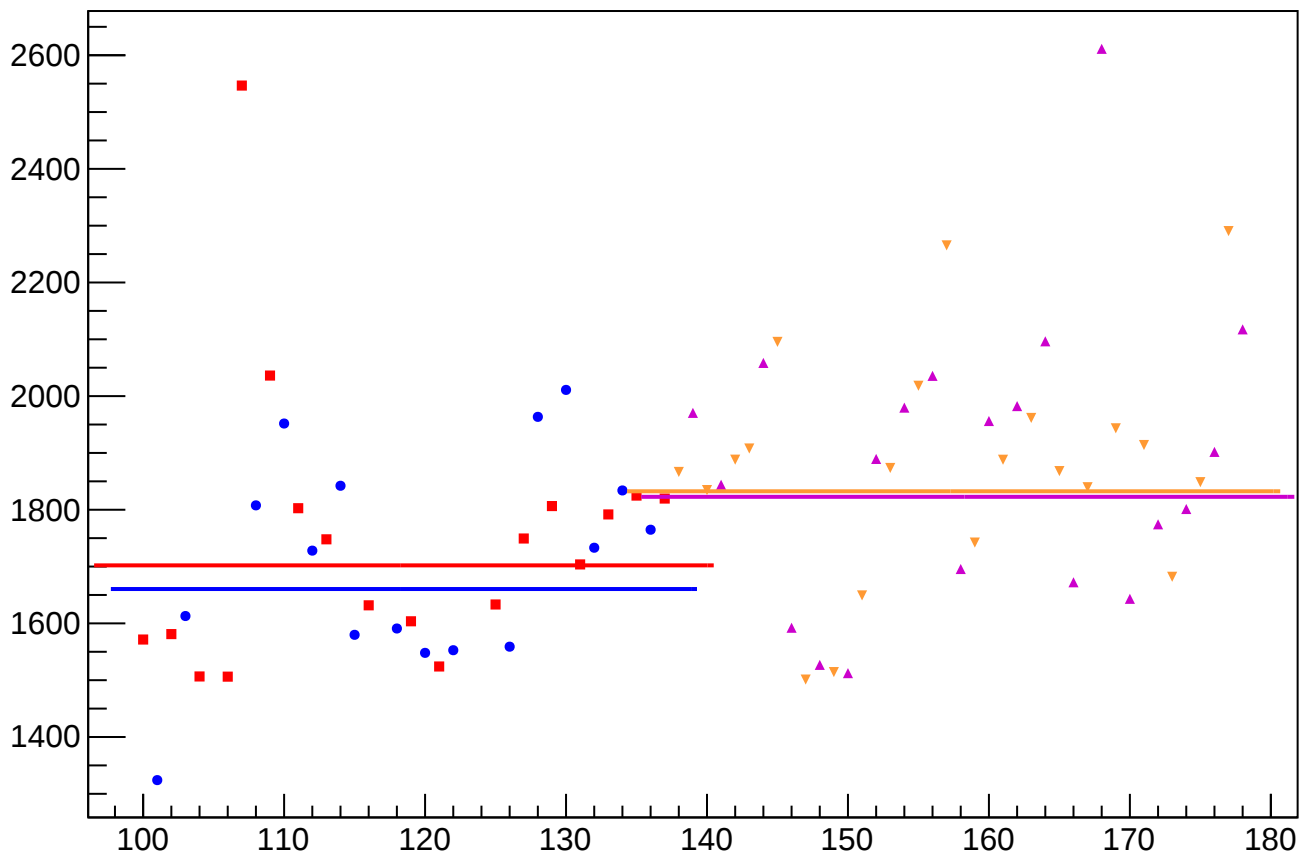
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 χ^2/NDF : 16.8/15
 Left Out: -1955.963 ± 462.228 χ^2/NDF : 20.1/20
 Right Out: -2228.093 ± 648.044 χ^2/NDF : 11.8/17
 Left In: -2203.556 ± 464.096 χ^2/NDF : 20.8/19

Left: -2079.260 ± 327.503 χ^2/NDF : 41.0/40
 Right: -2706.812 ± 457.995 χ^2/NDF : 29.7/33
 In: -2536.571 ± 377.183 χ^2/NDF : 39.2/35
 Out: -2047.725 ± 376.312 χ^2/NDF : 32.0/38
 All: -2291.583 ± 266.400 χ^2/NDF : 72.0/74

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1832.491 $\pm$ 0.327 χ^2/NDF : 359718.7/20

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

Left In: 1822.754 $\pm$ 0.328 χ^2/NDF : 488853.3/19

Left: 1827.642 $\pm$ 0.232 χ^2/NDF : 849014.0/40

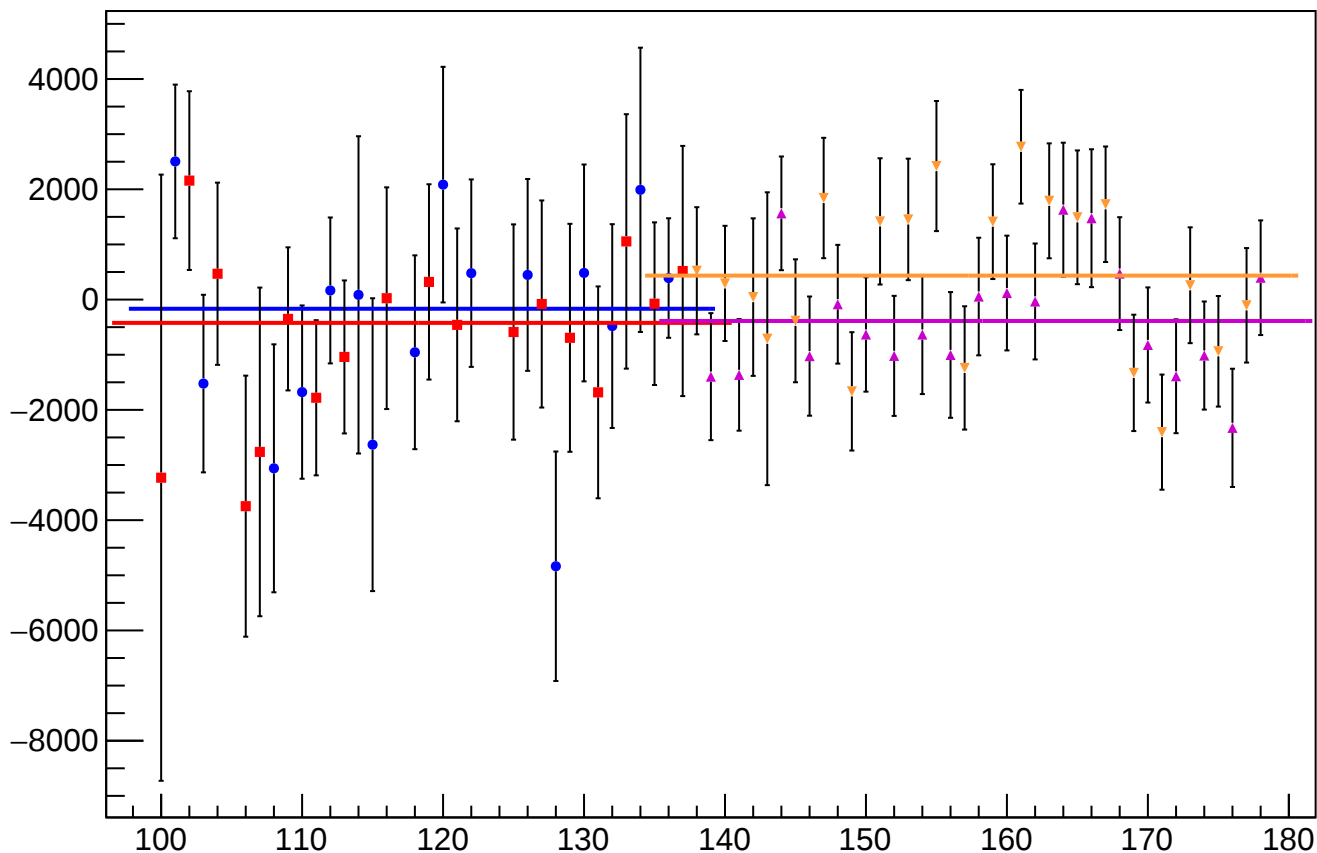
Right: 1681.258 $\pm$ 0.324 χ^2/NDF : 355346.8/33

In: 1767.659 $\pm$ 0.267 χ^2/NDF : 751086.3/35

Out: 1788.523 $\pm$ 0.266 χ^2/NDF : 585394.6/38

All: 1778.115 $\pm$ 0.188 χ^2/NDF : 1339547.6/74

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 434.731 ± 242.967 χ^2/NDF : 35.3/20

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

Left In: -388.084 ± 239.312 χ^2/NDF : 18.0/19

Left: 17.089 ± 170.497 χ^2/NDF : 59.2/40

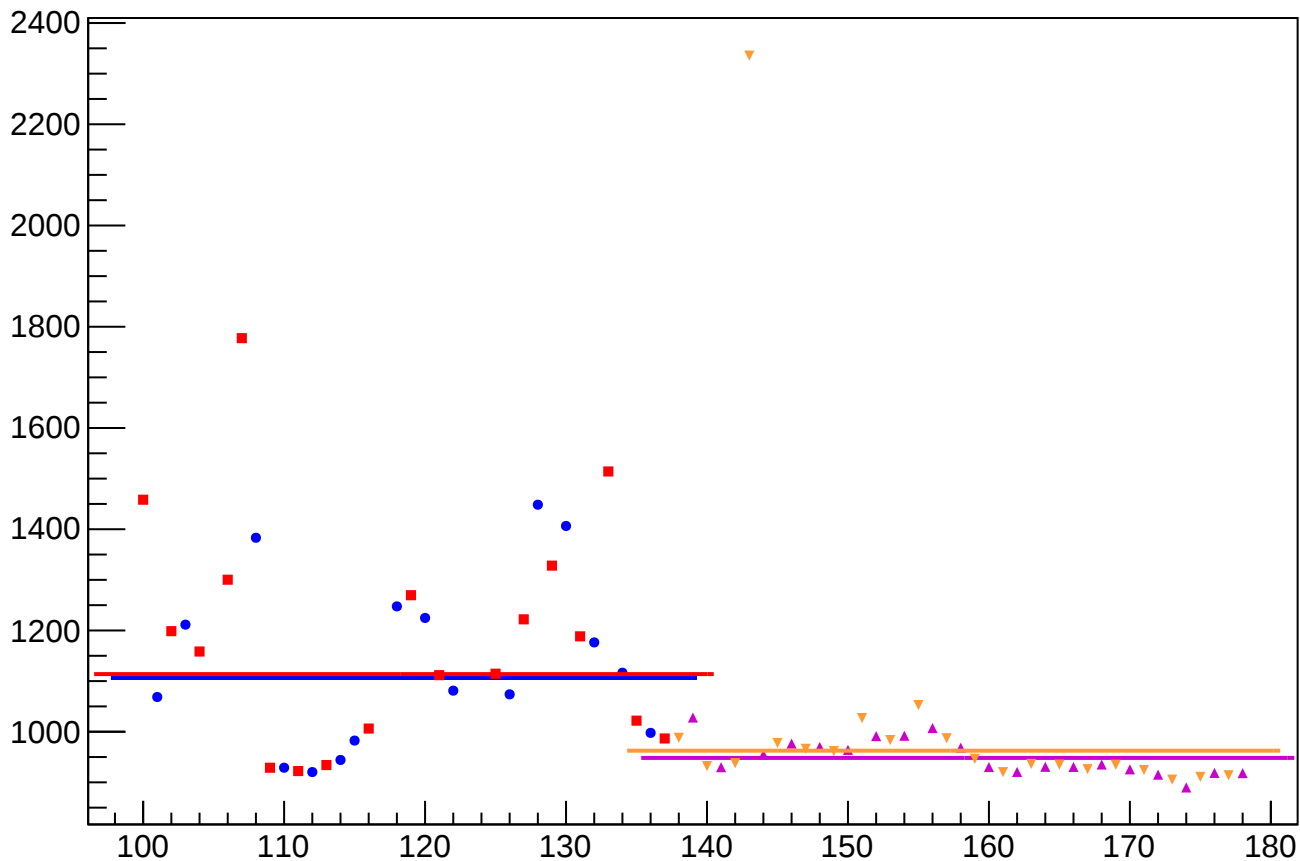
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

In: -336.144 ± 209.415 χ^2/NDF : 33.8/35

Out: 225.340 ± 211.213 χ^2/NDF : 46.5/38

All: -57.802 ± 148.710 χ^2/NDF : 84.0/74

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 962.552 ± 0.172 $\chi^2/\text{NDF}: 586378.4/20$

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

Left In: 948.270 ± 0.169 $\chi^2/\text{NDF}: 41884.0/19$

Left: 955.303 ± 0.121 $\chi^2/\text{NDF}: 631770.1/40$

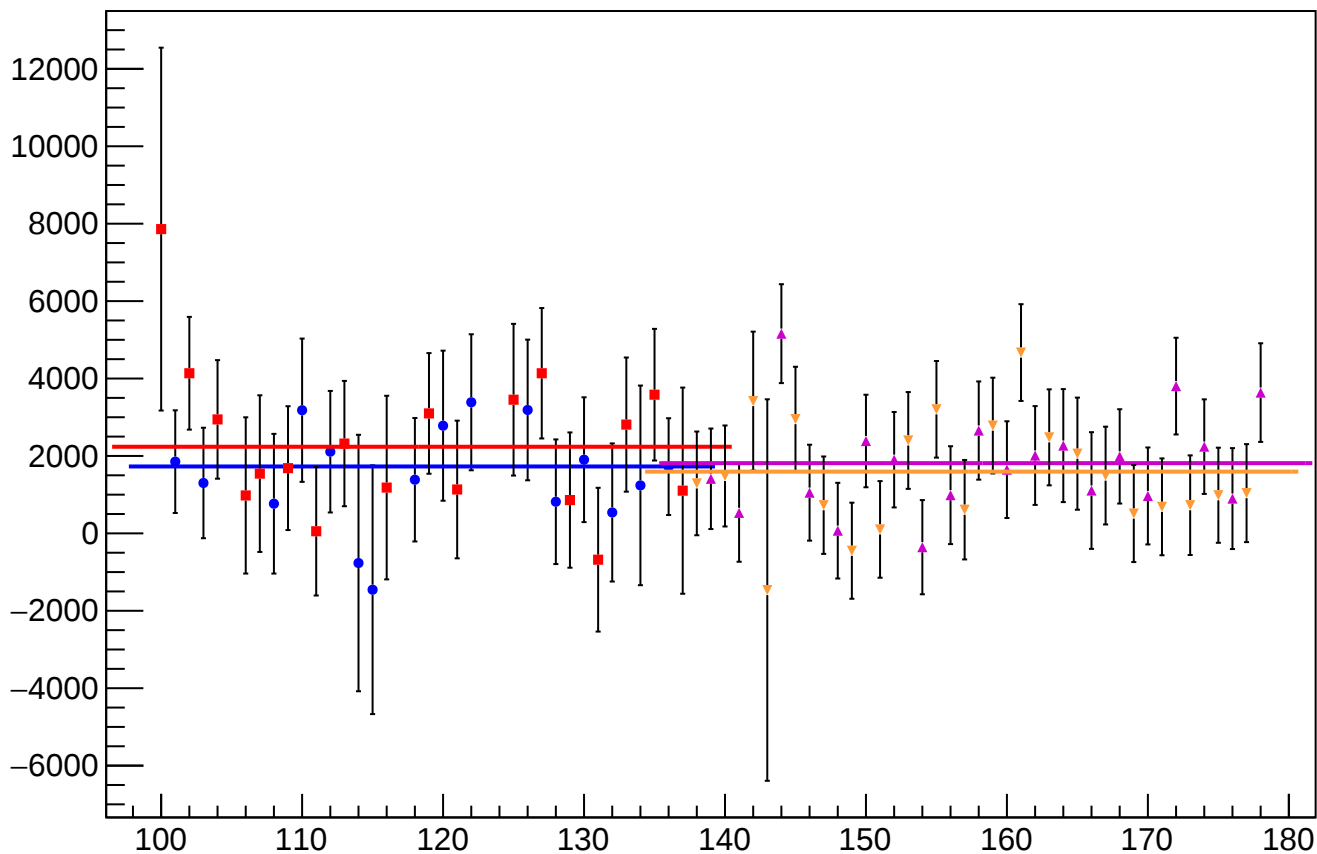
Right: 1110.038 ± 0.215 $\chi^2/\text{NDF}: 624528.4/33$

In: 985.256 ± 0.148 $\chi^2/\text{NDF}: 505733.7/35$

Out: 999.508 ± 0.149 $\chi^2/\text{NDF}: 1140064.8/38$

All: 992.321 ± 0.105 $\chi^2/\text{NDF}: 1650390.7/74$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1594.935 $\pm$ 287.845 χ^2 /NDF:19.5/20

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

Left In: 1814.235 $\pm$ 283.862 χ^2 /NDF:20.7/19

Left: 1706.113 $\pm$ 202.114 χ^2 /NDF: 40.5/40

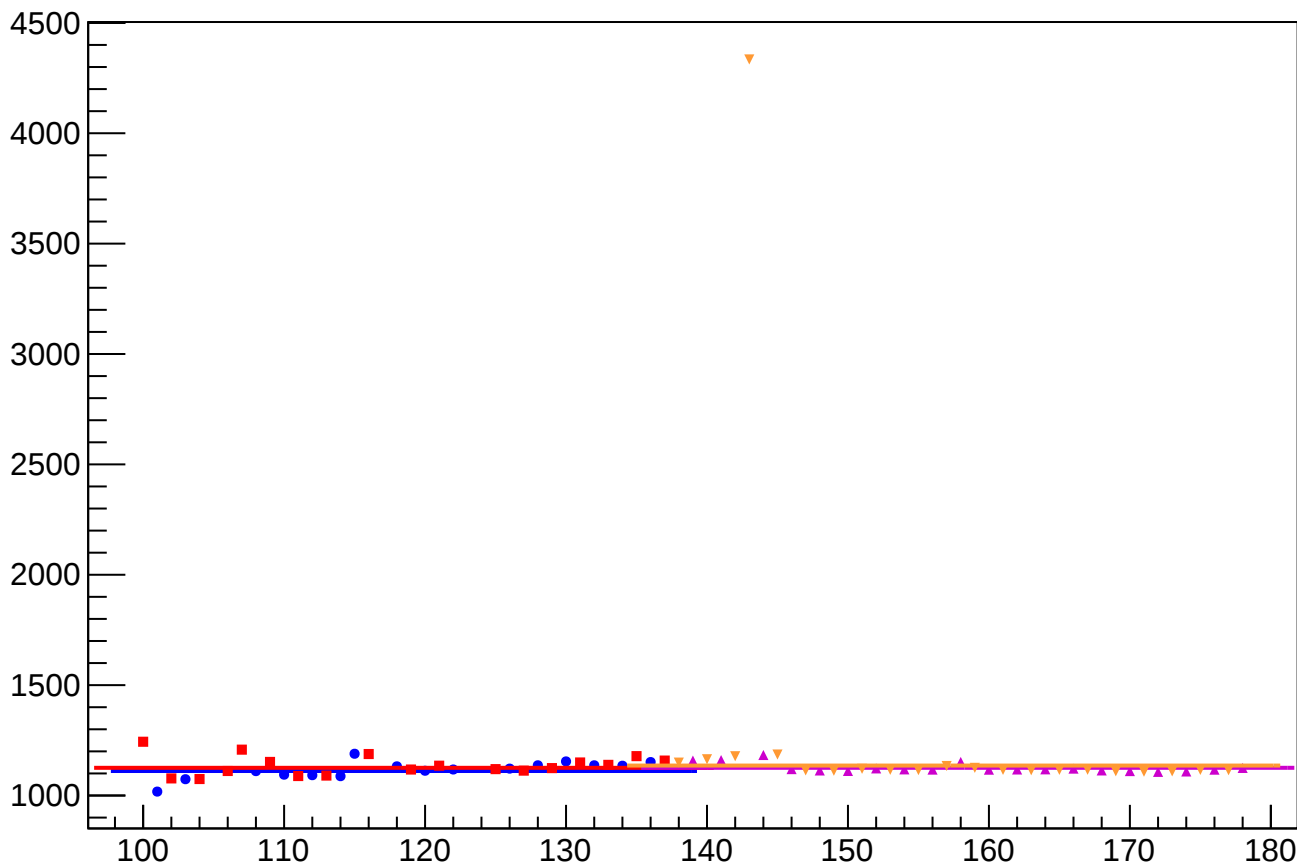
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1788.185 $\pm$ 236.865 χ^2 /NDF:26.0/35

Out: 1796.758 $\pm$ 238.408 χ^2 /NDF:33.4/38

All: 1792.444 $\pm$ 168.032 χ^2 /NDF: 59.4/74

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042 $\pm$ 0.304 χ^2 /NDF: 18091.1/15

Left Out: 1135.701 $\pm$ 0.204 χ^2 /NDF: 856120.7/20

Right Out: 1125.496 $\pm$ 0.301 χ^2 /NDF: 15880.9/17

Left In: 1125.537 $\pm$ 0.201 χ^2 /NDF: 10069.6/19

Left: 1130.548 $\pm$ 0.143 χ^2 /NDF: 867454.5/40

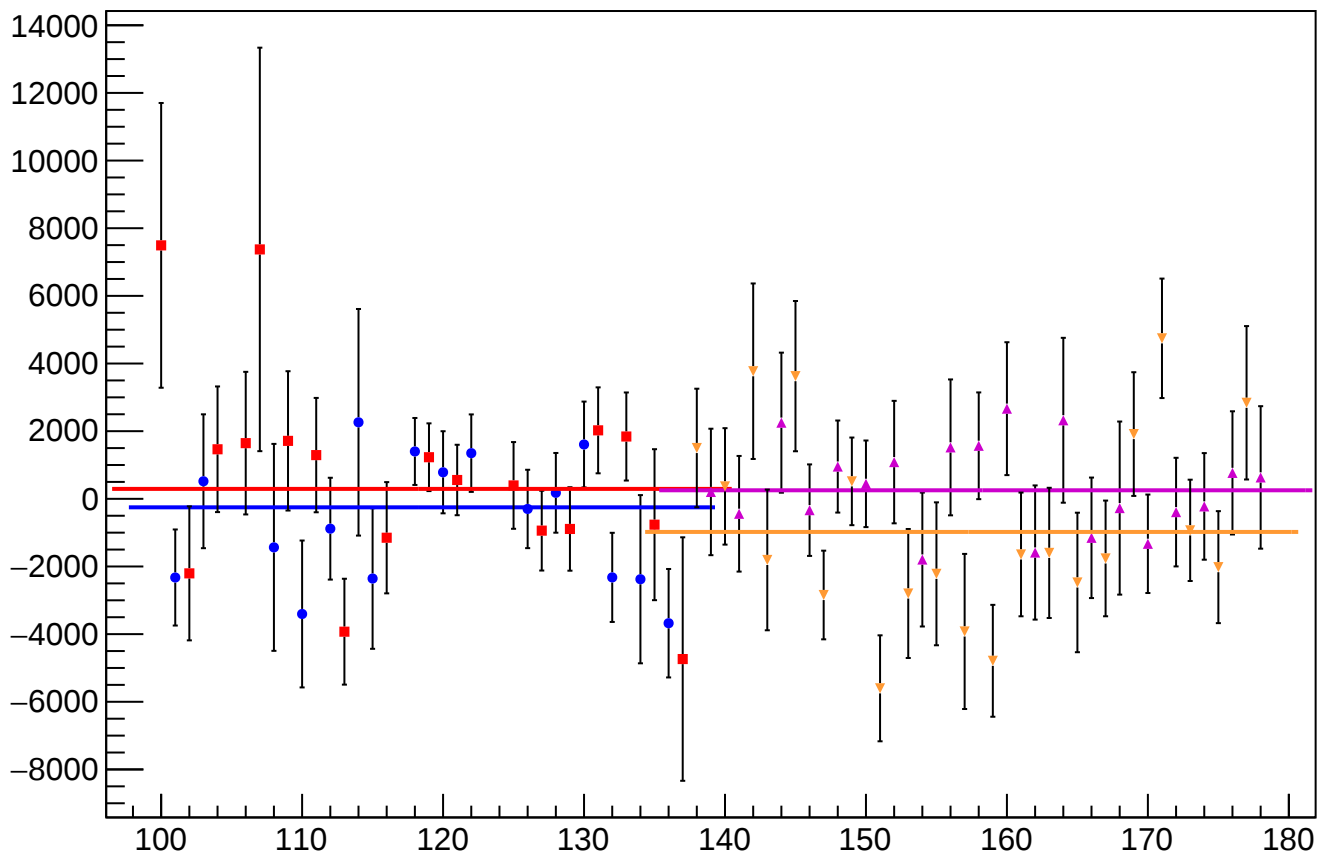
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1121.135 $\pm$ 0.167 χ^2 /NDF: 29744.5/35

Out: 1132.496 $\pm$ 0.169 χ^2 /NDF: 872791.0/38

All: 1126.779 $\pm$ 0.119 χ^2 /NDF: 904821.3/74

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -978.585 $\pm$ 387.562 χ^2/NDF : 47.9/20

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

Left In: 252.405 $\pm$ 386.098 χ^2/NDF : 9.3/19

Left: -360.761 $\pm$ 273.529 χ^2/NDF : 62.2/40

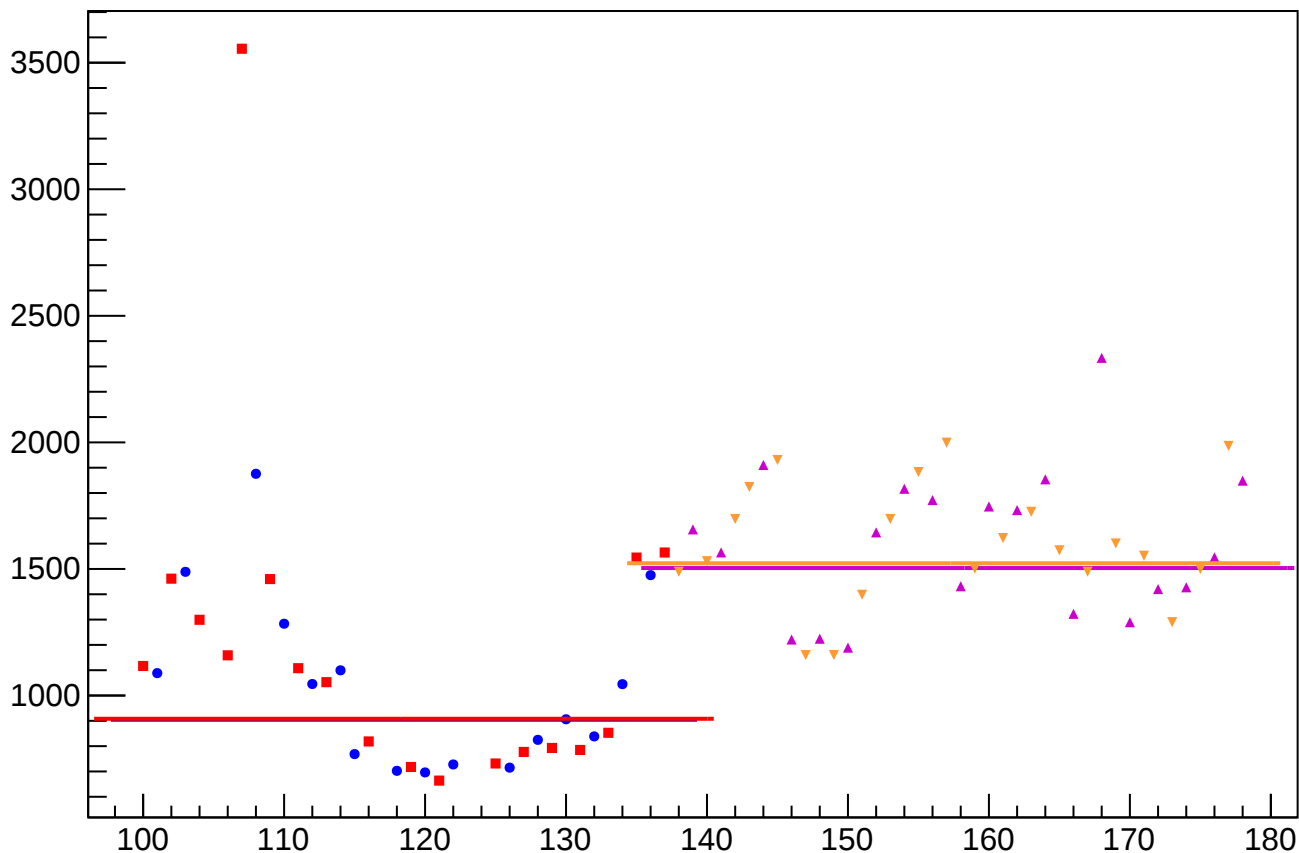
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: -13.633 $\pm$ 265.220 χ^2/NDF : 32.0/35

Out: -299.983 $\pm$ 264.739 χ^2/NDF : 77.7/38

All: -157.068 $\pm$ 187.369 χ^2/NDF : 110.2/74

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1522.530+/-0.274 χ^2/NDF : 770394.8/20

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

Left In: 1503.631+/-0.273 χ^2/NDF : 925483.6/19

Left: 1513.045+/-0.193 χ^2/NDF : 1698265.3/40

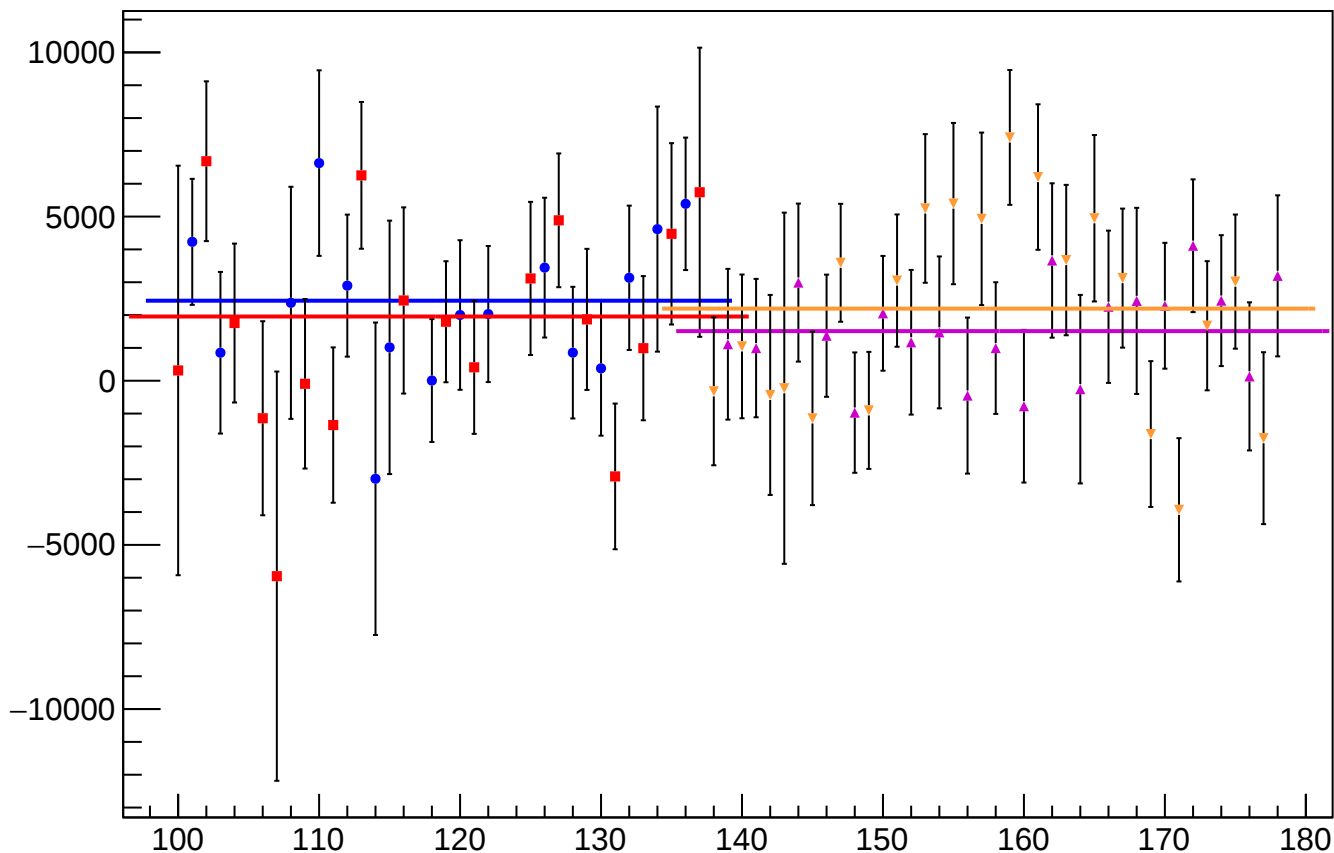
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1187.203+/-0.188 χ^2/NDF : 4490124.3/35

Out: 1194.828+/-0.187 χ^2/NDF : 4832211.1/38

All: 1191.022+/-0.132 χ^2/NDF : 9323163.4/74

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510+/-586.231 χ^2/NDF : 11.2/15

Left Out: 2196.552+/-491.721 χ^2/NDF : 37.3/20

Right Out: 1955.910+/-584.085 χ^2/NDF : 22.4/17

Left In: 1511.390+/-485.124 χ^2/NDF : 8.4/19

Left: 1849.344+/-345.343 χ^2/NDF : 46.8/40

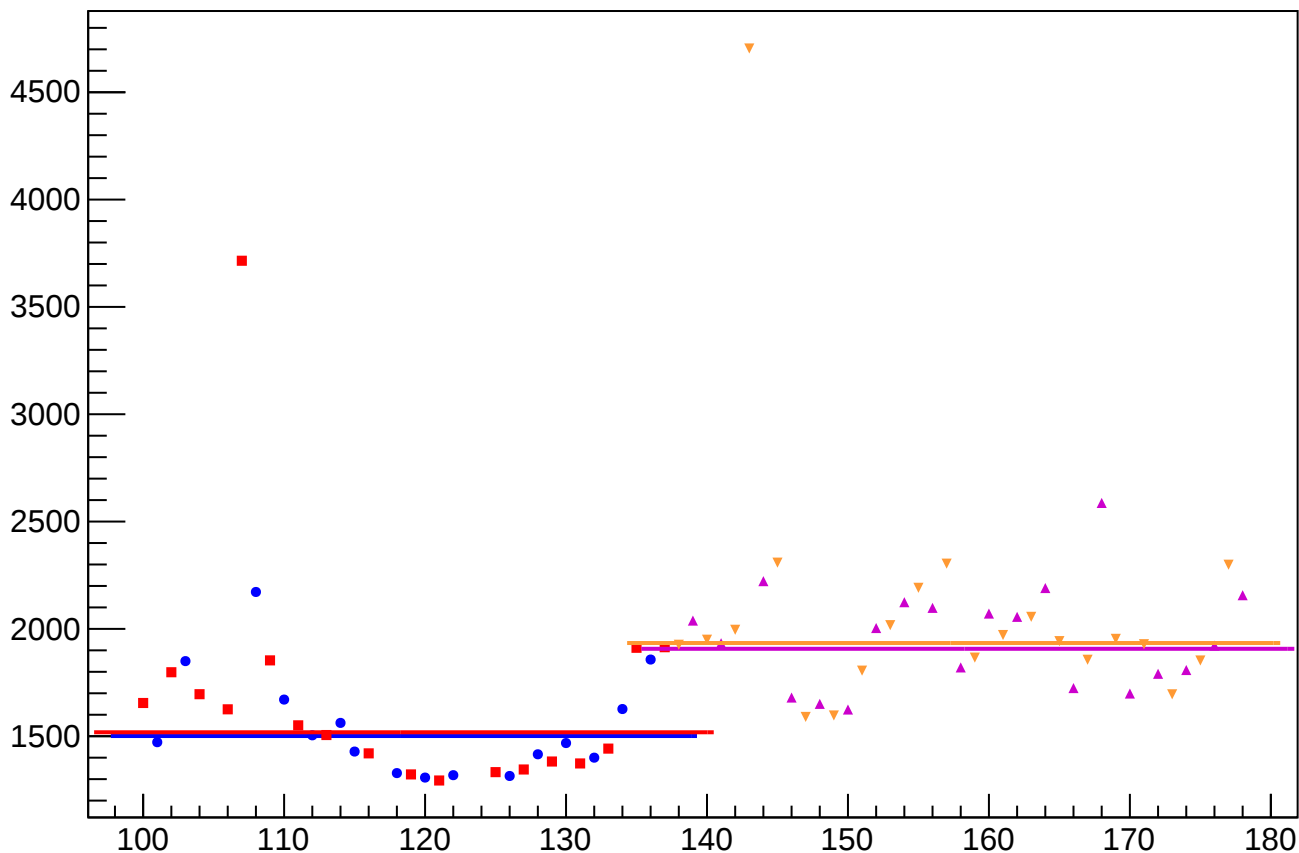
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

In: 1887.821+/-373.747 χ^2/NDF : 21.1/35

Out: 2096.740+/-376.167 χ^2/NDF : 59.8/38

All: 1991.606+/-265.131 χ^2/NDF : 81.1/74

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1934.145+/-0.348 χ^2/NDF : 878051.4/20

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

Left In: 1907.212+/-0.343 χ^2/NDF : 421437.4/19

Left: 1920.497+/-0.244 χ^2/NDF : 1302529.3/40

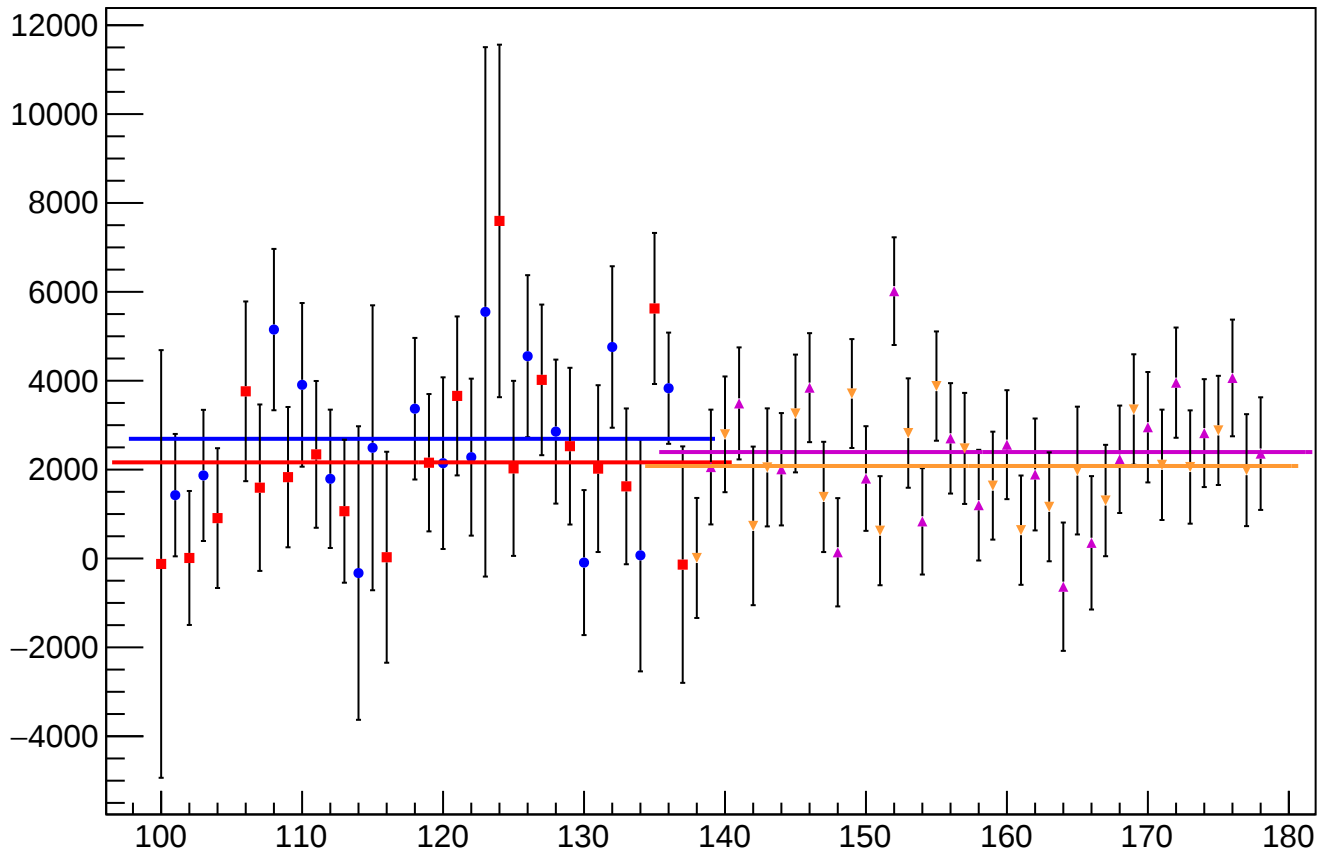
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1742.034+/-0.264 χ^2/NDF : 1248108.2/35

Out: 1761.675+/-0.266 χ^2/NDF : 1947273.5/38

All: 1751.791+/-0.187 χ^2/NDF : 3198125.6/74

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2081.465 $\pm$ 278.858 χ^2 /NDF:14.0/20

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

Left In: 2394.866 $\pm$ 280.945 χ^2 /NDF:27.6/19

Left: 2236.997 $\pm$ 197.916 χ^2 /NDF: 42.3/40

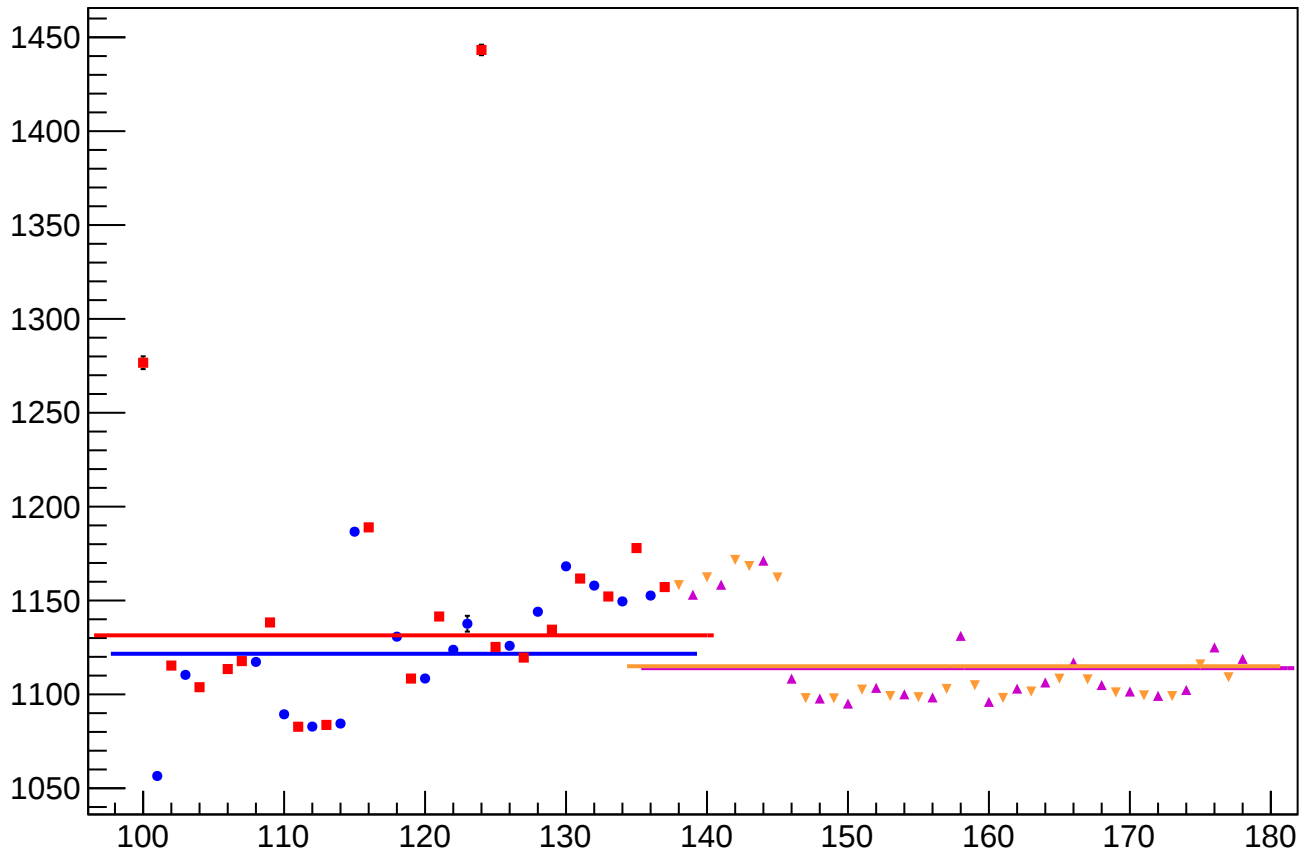
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2483.302 $\pm$ 235.620 χ^2 /NDF:40.2/36

Out: 2106.132 $\pm$ 232.952 χ^2 /NDF:27.8/39

All: 2292.569 $\pm$ 165.657 χ^2 /NDF: 69.3/76

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 ± 0.306 $\chi^2/\text{NDF}: 11980.2/16$

Left Out: 1114.994 ± 0.197 $\chi^2/\text{NDF}: 16110.6/20$

Right Out: 1131.451 ± 0.300 $\chi^2/\text{NDF}: 23111.7/18$

Left In: 1113.964 ± 0.199 $\chi^2/\text{NDF}: 12040.0/19$

Left: 1114.483 ± 0.140 $\chi^2/\text{NDF}: 28164.1/40$

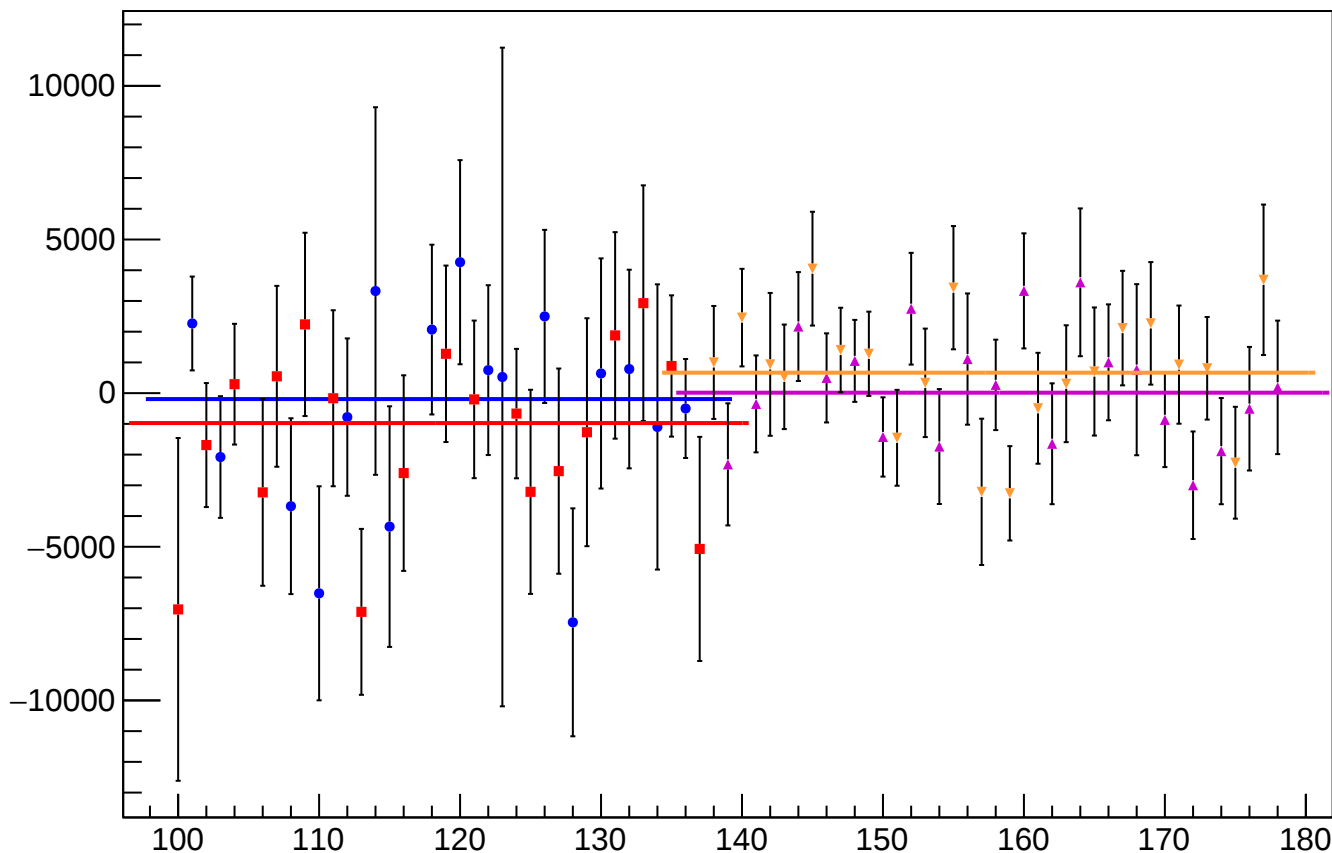
Right: 1126.640 ± 0.214 $\chi^2/\text{NDF}: 35618.4/35$

In: 1116.237 ± 0.167 $\chi^2/\text{NDF}: 24461.6/36$

Out: 1119.967 ± 0.165 $\chi^2/\text{NDF}: 41326.9/39$

All: 1118.123 ± 0.117 $\chi^2/\text{NDF}: 66042.0/76$

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332+/-660.359 χ^2/NDF : 17.4/16

Left Out: 665.569+/-388.995 χ^2/NDF : 24.0/20

Right Out: -973.263+/-645.048 χ^2/NDF : 14.3/18

Left In: 14.598+/-390.671 χ^2/NDF : 19.3/19

Left: 341.483+/-275.652 χ^2/NDF : 44.7/40

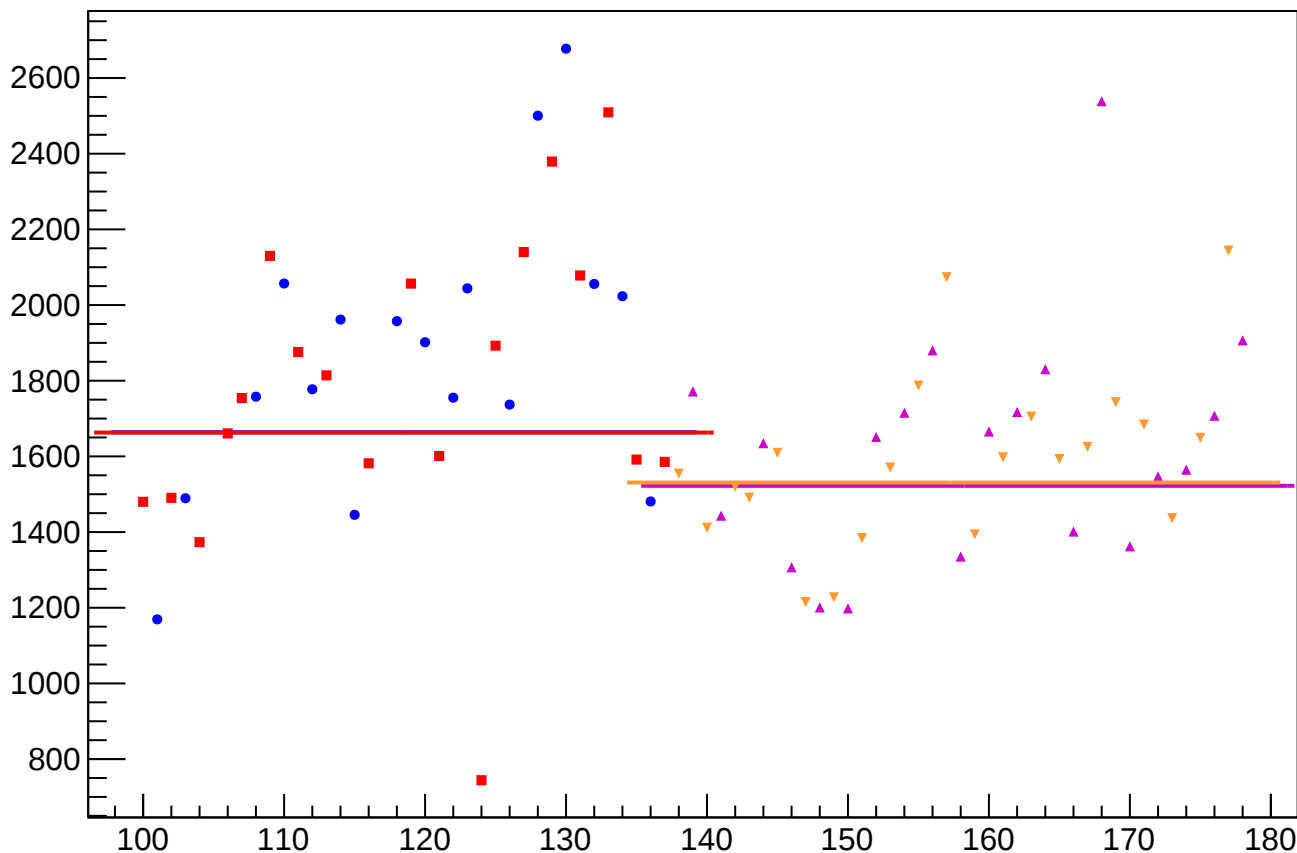
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: -39.310+/-336.237 χ^2/NDF : 36.7/36

Out: 228.520+/-333.112 χ^2/NDF : 43.0/39

All: 95.855+/-236.643 χ^2/NDF : 80.1/76

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1530.959 $\pm$ 0.275 χ^2 /NDF: 593376.4/20

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

Left In: 1522.263 $\pm$ 0.276 χ^2 /NDF: 892858.1/19

Left: 1526.630 $\pm$ 0.195 χ^2 /NDF: 1486732.0/40

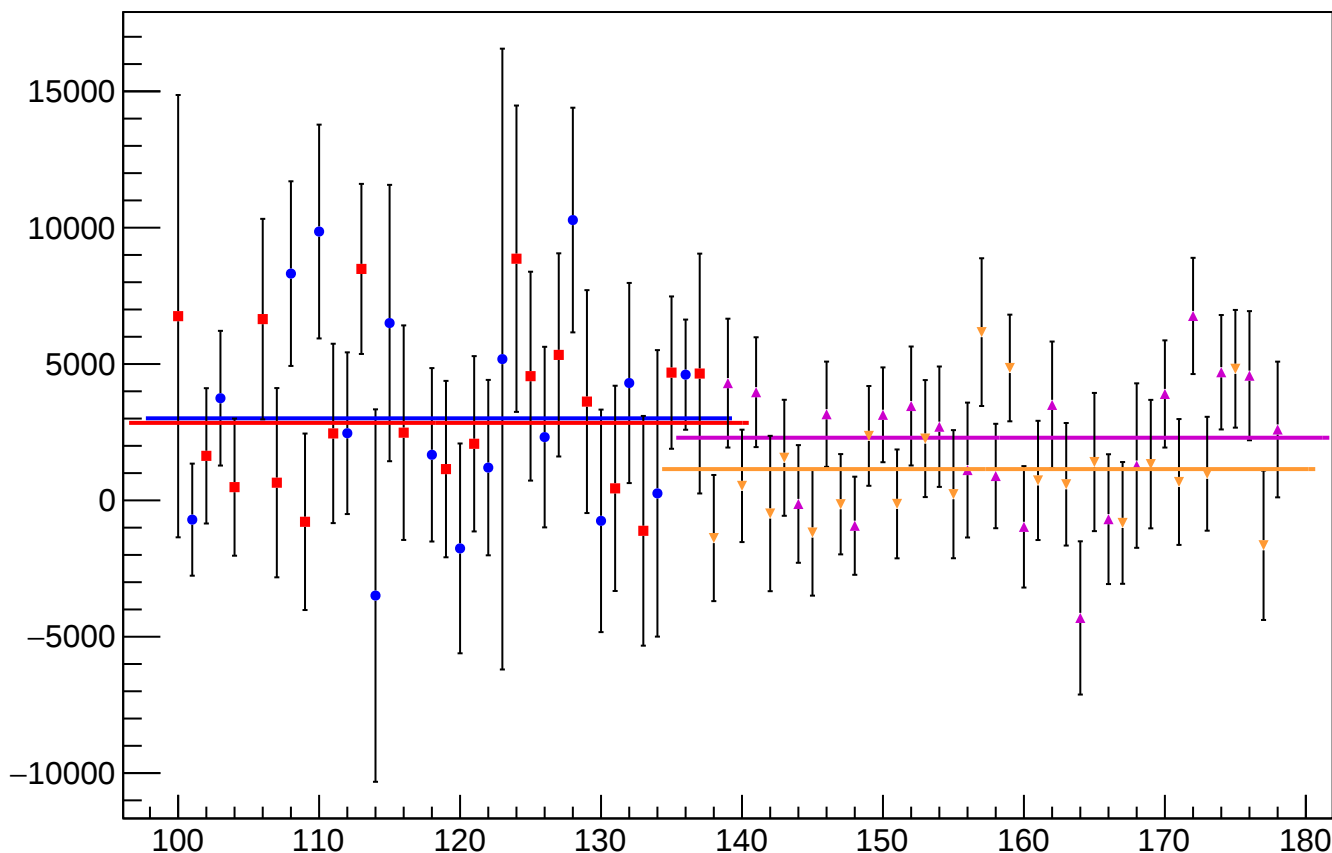
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1558.952 $\pm$ 0.238 χ^2 /NDF: 1583373.0/36

Out: 1566.168 $\pm$ 0.236 χ^2 /NDF: 1459791.8/39

All: 1562.594 $\pm$ 0.167 χ^2 /NDF: 3043629.6/76

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1147.539+/-482.013 χ^2/NDF : 16.3/20

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

Left In: 2297.301+/-485.258 χ^2/NDF : 24.4/19

Left: 1718.563+/-341.976 χ^2/NDF : 43.5/40

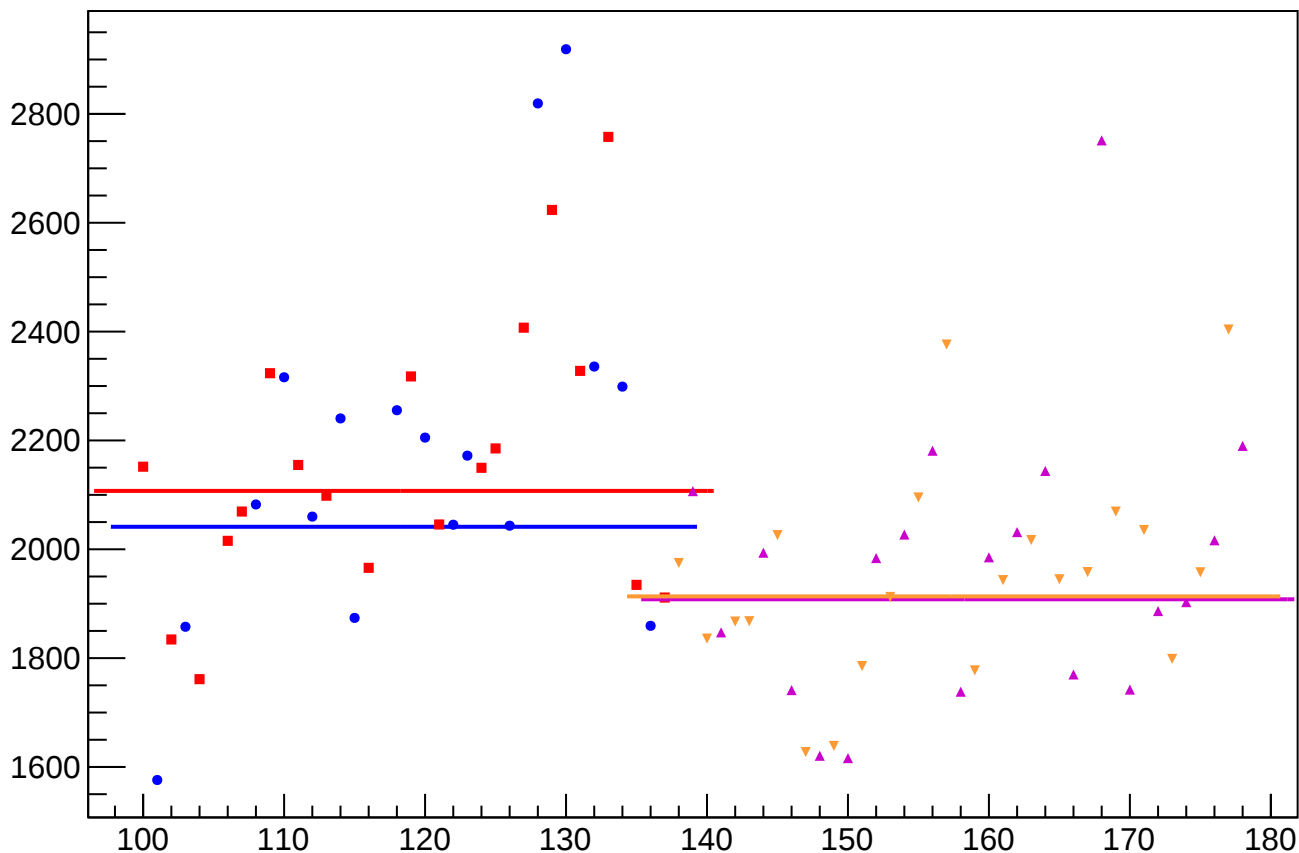
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2488.900+/-414.848 χ^2/NDF : 42.3/36

Out: 1602.394+/-412.274 χ^2/NDF : 31.1/39

All: 2042.888+/-292.427 χ^2/NDF : 75.7/76

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348+/-0.565 χ^2/NDF : 338436.8/16

Left Out: 1913.439+/-0.341 χ^2/NDF : 283206.8/20

Right Out: 2107.277+/-0.563 χ^2/NDF : 196781.3/18

Left In: 1908.136+/-0.343 χ^2/NDF : 419400.8/19

Left: 1910.805+/-0.242 χ^2/NDF : 702727.8/40

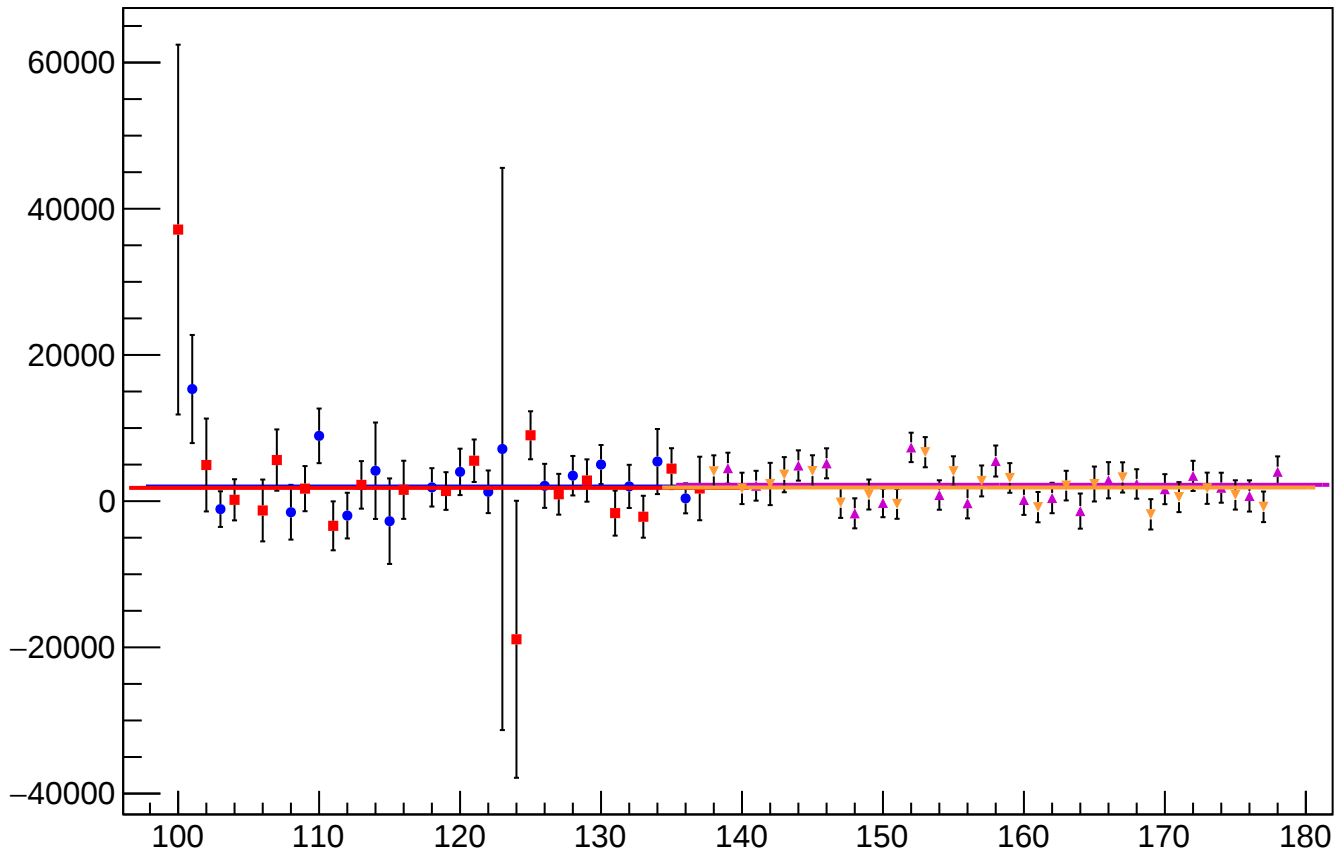
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1943.989+/-0.293 χ^2/NDF : 798402.8/36

Out: 1965.472+/-0.292 χ^2/NDF : 566809.9/39

All: 1954.797+/-0.207 χ^2/NDF : 1367911.1/76

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1870.725+/-464.822 χ^2/NDF : 19.9/20

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

Left In: 2233.794+/-466.883 χ^2/NDF : 26.6/19

Left: 2051.456+/-329.405 χ^2/NDF : 46.8/40

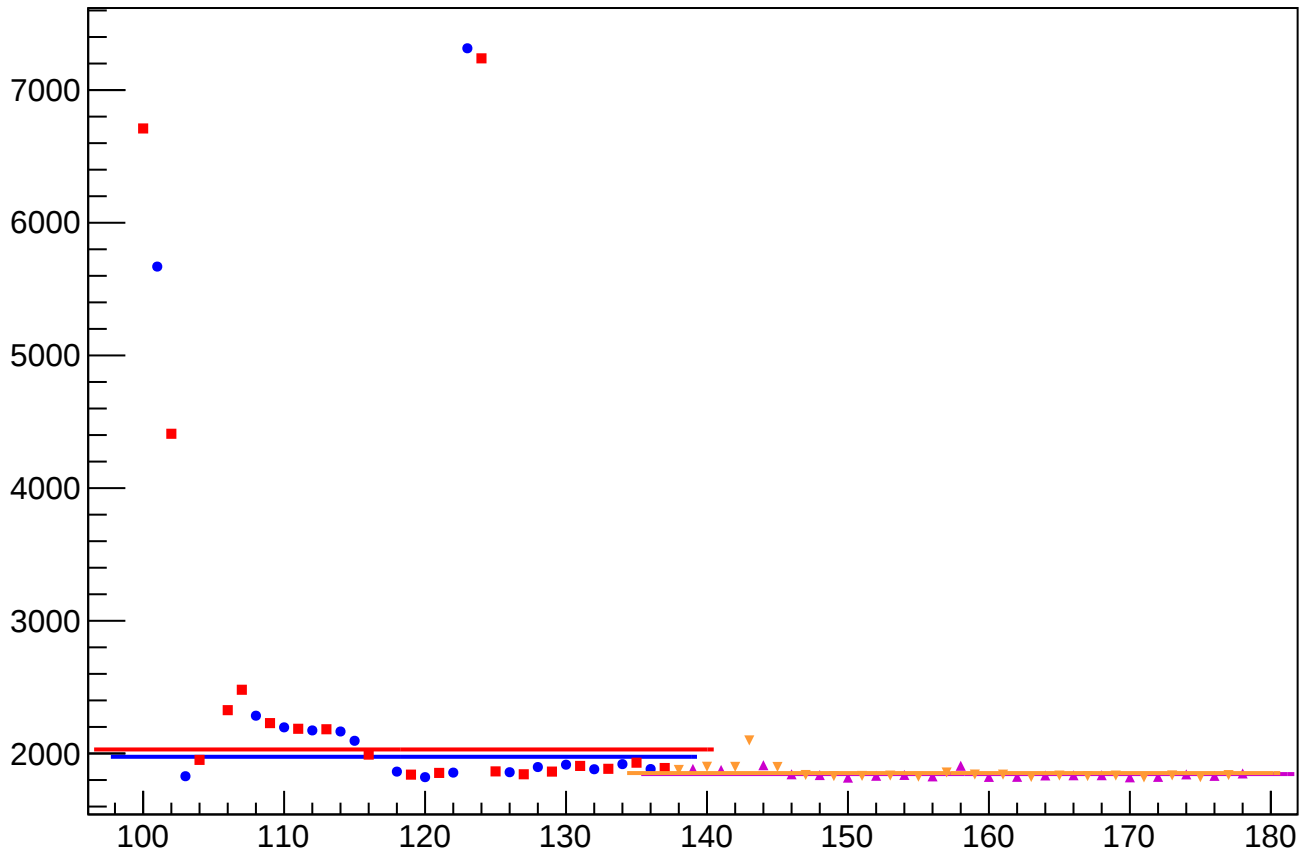
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2172.285+/-400.819 χ^2/NDF : 41.5/36

Out: 1856.313+/-399.493 χ^2/NDF : 38.1/39

All: 2013.776+/-282.952 χ^2/NDF : 79.9/76

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109 ± 0.553 $\chi^2/\text{NDF}: 599831.6/16$

Left Out: 1852.423 ± 0.329 $\chi^2/\text{NDF}: 27075.0/20$

Right Out: 2030.342 ± 0.553 $\chi^2/\text{NDF}: 603923.5/18$

Left In: 1844.763 ± 0.330 $\chi^2/\text{NDF}: 6687.2/19$

Left: 1848.610 ± 0.233 $\chi^2/\text{NDF}: 34032.4/40$

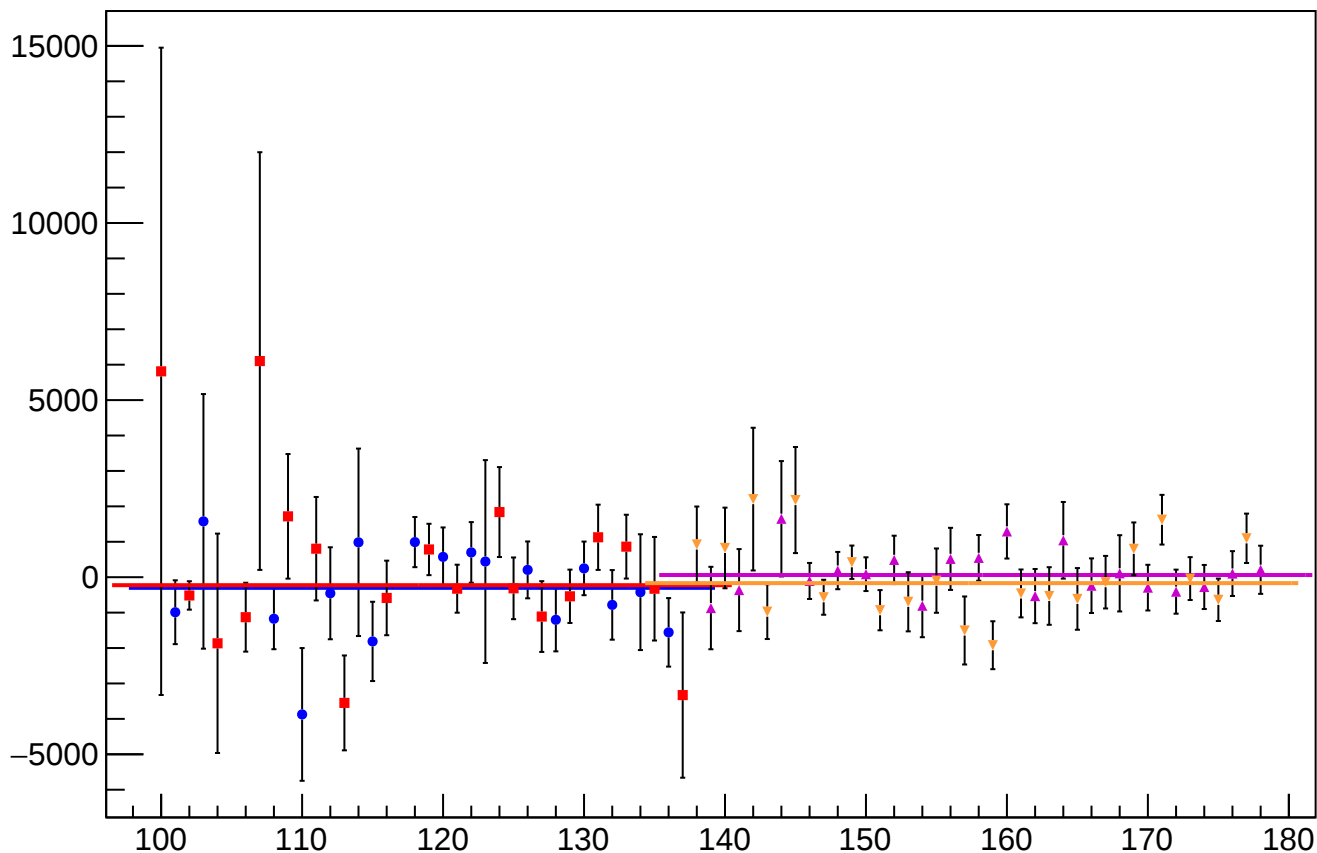
Right: 2002.731 ± 0.391 $\chi^2/\text{NDF}: 1208749.7/35$

In: 1879.041 ± 0.283 $\chi^2/\text{NDF}: 647513.0/36$

Out: 1898.920 ± 0.282 $\chi^2/\text{NDF}: 707577.1/39$

All: 1889.014 ± 0.200 $\chi^2/\text{NDF}: 1357558.0/76$

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 $\pm$ 246.615 χ^2 /NDF: 17.3/16

Left Out: -167.473 $\pm$ 158.338 χ^2 /NDF:32.6/20

Right Out: -225.432 $\pm$ 215.564 χ^2 /NDF: 22.2/18

Left In: 61.786 $\pm$ 158.310 χ^2 /NDF:9.5/19

Left: -52.823 $\pm$ 111.952 χ^2 /NDF: 43.1/40

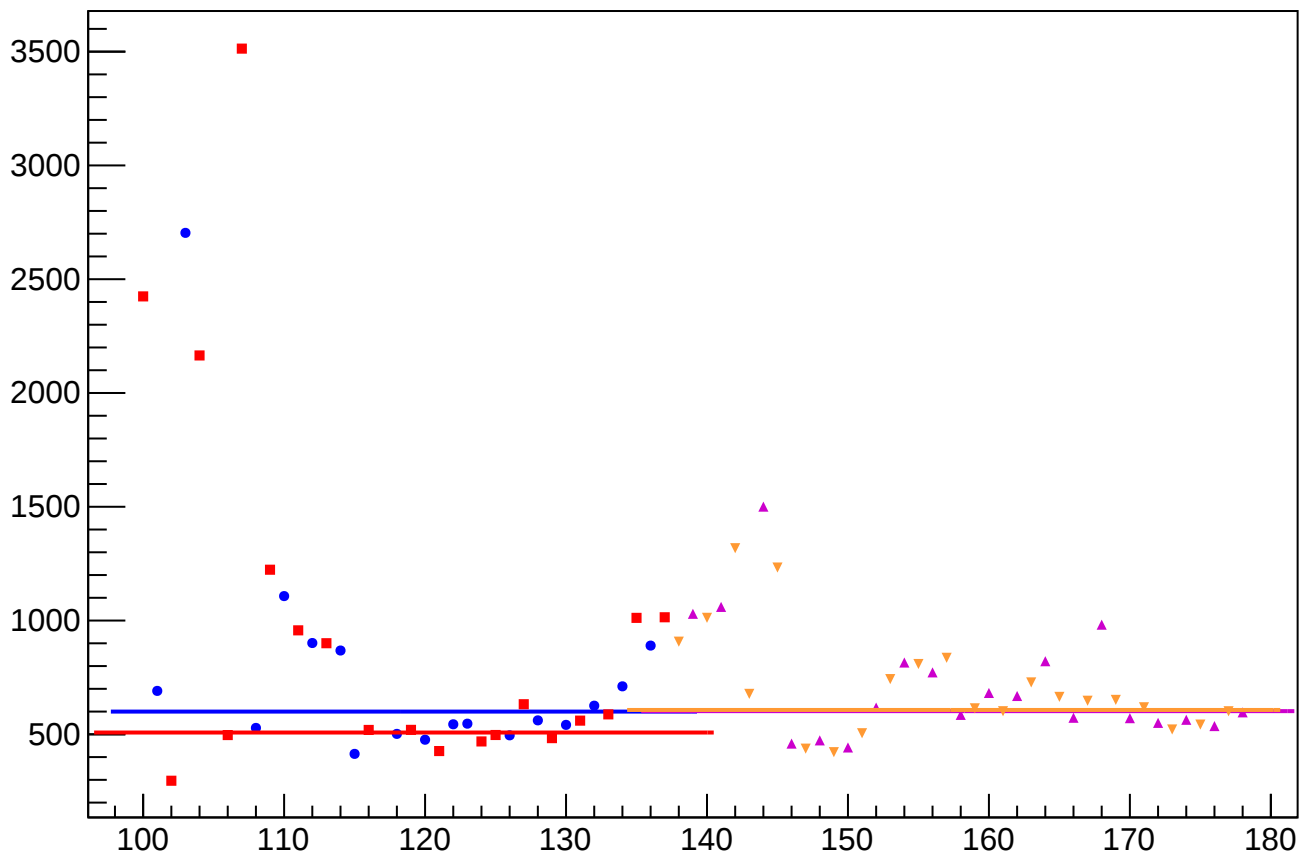
Right: -257.724 $\pm$ 162.302 χ^2 /NDF: 39.6/35

In: -43.788 $\pm$ 133.223 χ^2 /NDF:28.3/36

Out: -187.785 $\pm$ 127.612 χ^2 /NDF:54.9/39

All: -118.883 $\pm$ 92.155 χ^2 /NDF: 83.8/76

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953+/-0.174 χ^2/NDF : 1381049.4/16

Left Out: 607.075+/-0.112 χ^2/NDF : 2033396.0/20

Right Out: 507.943+/-0.152 χ^2/NDF : 2848884.0/18

Left In: 601.935+/-0.112 χ^2/NDF : 2305010.3/19

Left: 604.505+/-0.079 χ^2/NDF : 4339460.4/40

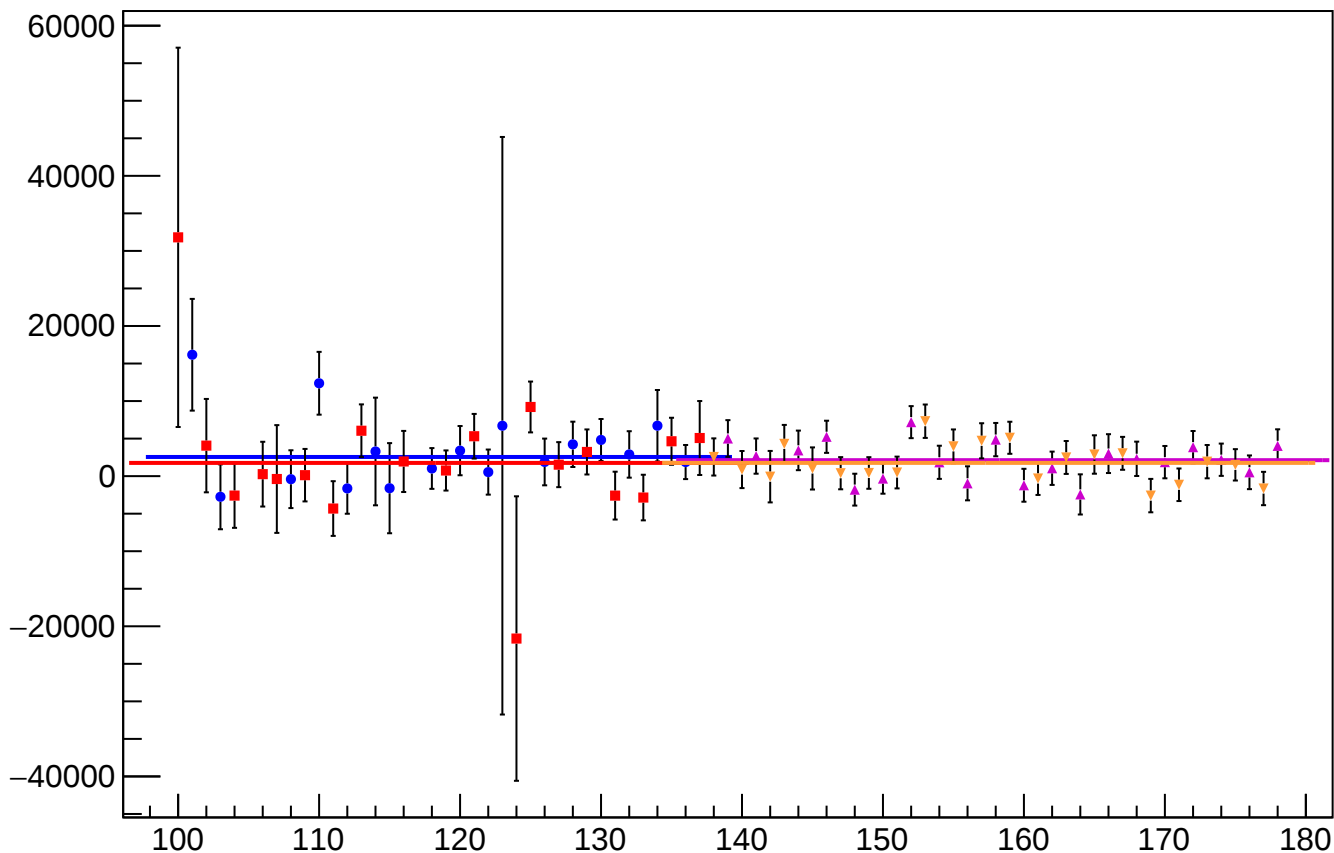
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 601.357+/-0.094 χ^2/NDF : 3686151.2/36

Out: 572.334+/-0.090 χ^2/NDF : 5157019.2/39

All: 586.221+/-0.065 χ^2/NDF : 8892670.7/76

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1765.512 $\pm$ 500.510 χ^2 /NDF:23.6/20

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

Left In: 2125.920 $\pm$ 503.423 χ^2 /NDF:25.3/19

Left: 1944.670 $\pm$ 354.939 χ^2 /NDF: 49.1/40

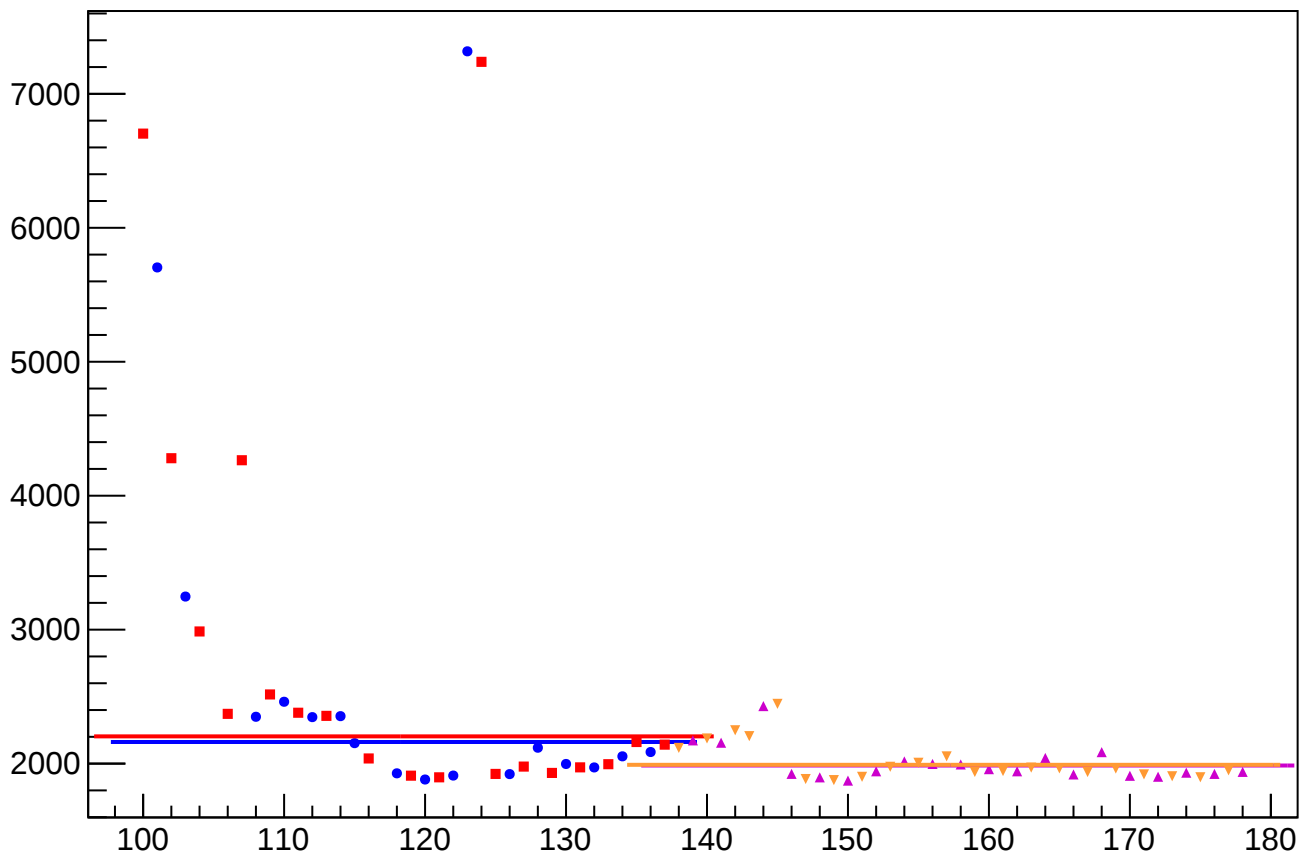
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2235.276 $\pm$ 434.318 χ^2 /NDF:41.2/36

Out: 1764.488 $\pm$ 431.900 χ^2 /NDF:44.5/39

All: 1998.567 $\pm$ 306.251 χ^2 /NDF: 86.3/76

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418 $\pm$ 0.607 χ^2 /NDF: 711253.3/16

Left Out: 1990.998 $\pm$ 0.354 χ^2 /NDF:126085.0/20

Right Out: 2203.343 $\pm$ 0.604 χ^2 /NDF: 797393.2/18

Left In: 1985.820 $\pm$ 0.356 χ^2 /NDF:108016.7/19

Left: 1988.424 $\pm$ 0.251 χ^2 /NDF: 234208.1/40

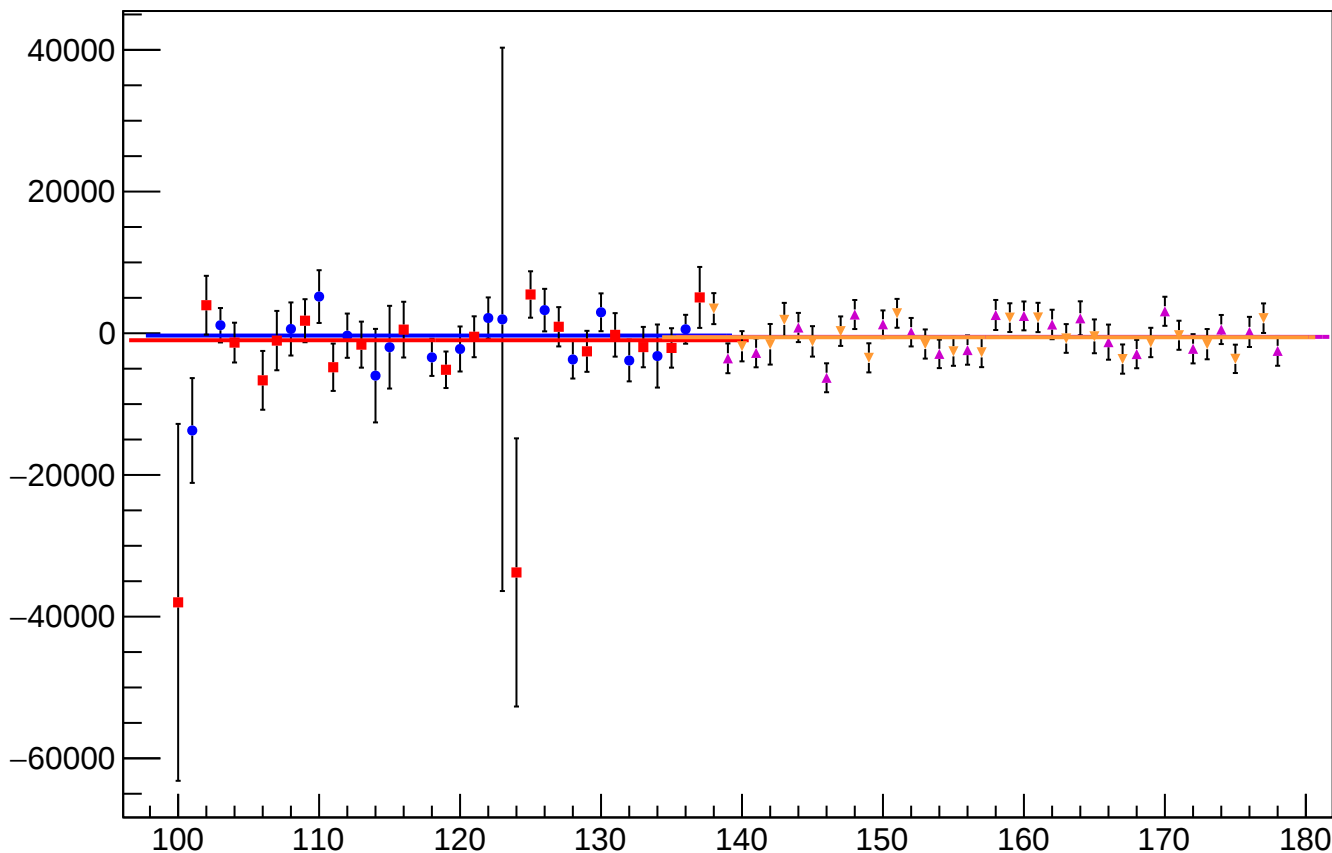
Right: 2182.484 $\pm$ 0.428 χ^2 /NDF: 1511040.8/35

In: 2030.720 $\pm$ 0.307 χ^2 /NDF:881489.8/36

Out: 2045.224 $\pm$ 0.305 χ^2 /NDF:1015407.9/39

All: 2038.013 $\pm$ 0.217 χ^2 /NDF: 1898019.2/76

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -563.228+/-463.567 χ^2/NDF : 22.4/20

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

Left In: -509.908+/-465.834 χ^2/NDF : 29.9/19

Left: -536.698+/-328.590 χ^2/NDF : 52.3/40

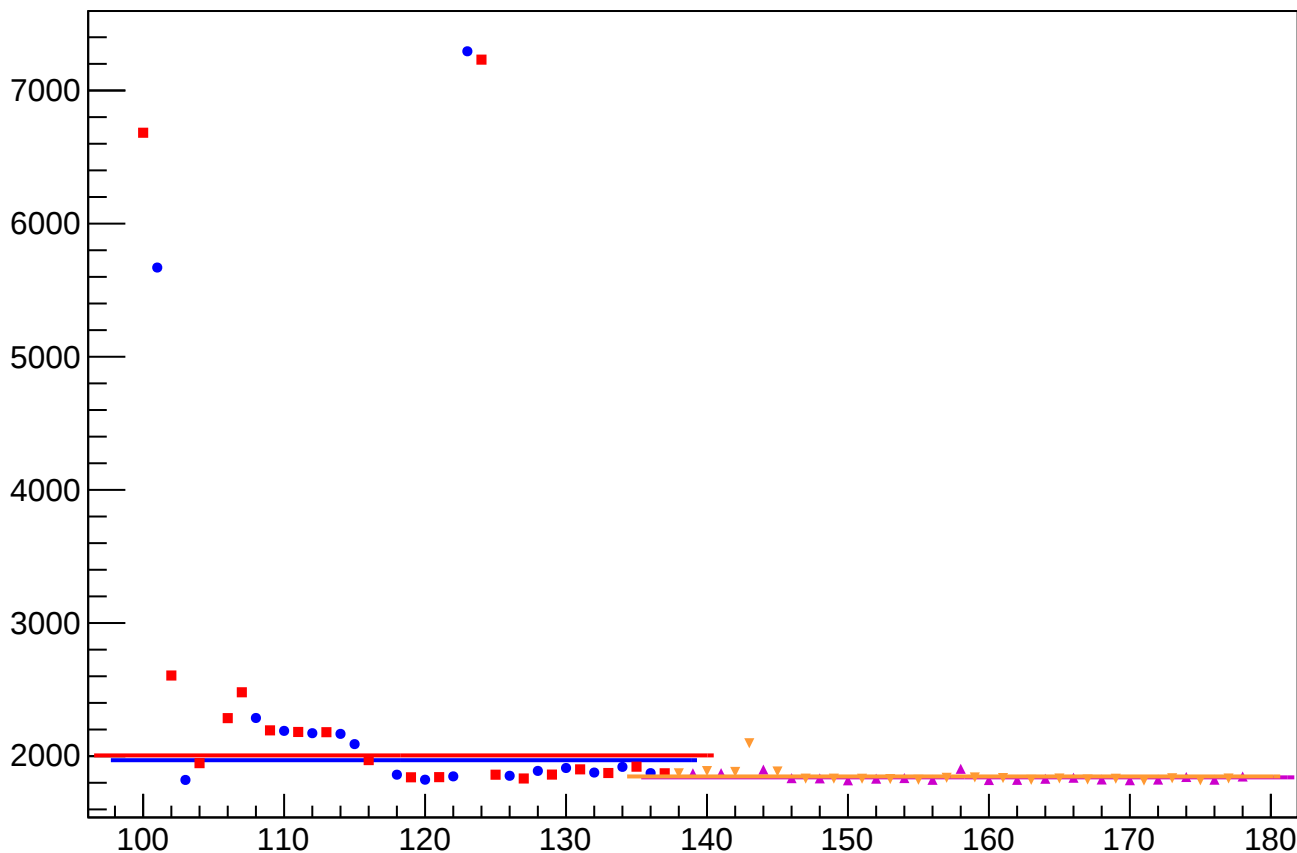
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

In: -460.918+/-399.872 χ^2/NDF : 45.7/36

Out: -675.686+/-397.138 χ^2/NDF : 42.9/39

All: -569.039+/-281.781 χ^2/NDF : 88.8/76

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1847.496+/-0.328 χ^2/NDF : 26281.9/20

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

Left In: 1840.665+/-0.329 χ^2/NDF : 5902.2/19

Left: 1844.097+/-0.232 χ^2/NDF : 32400.1/40

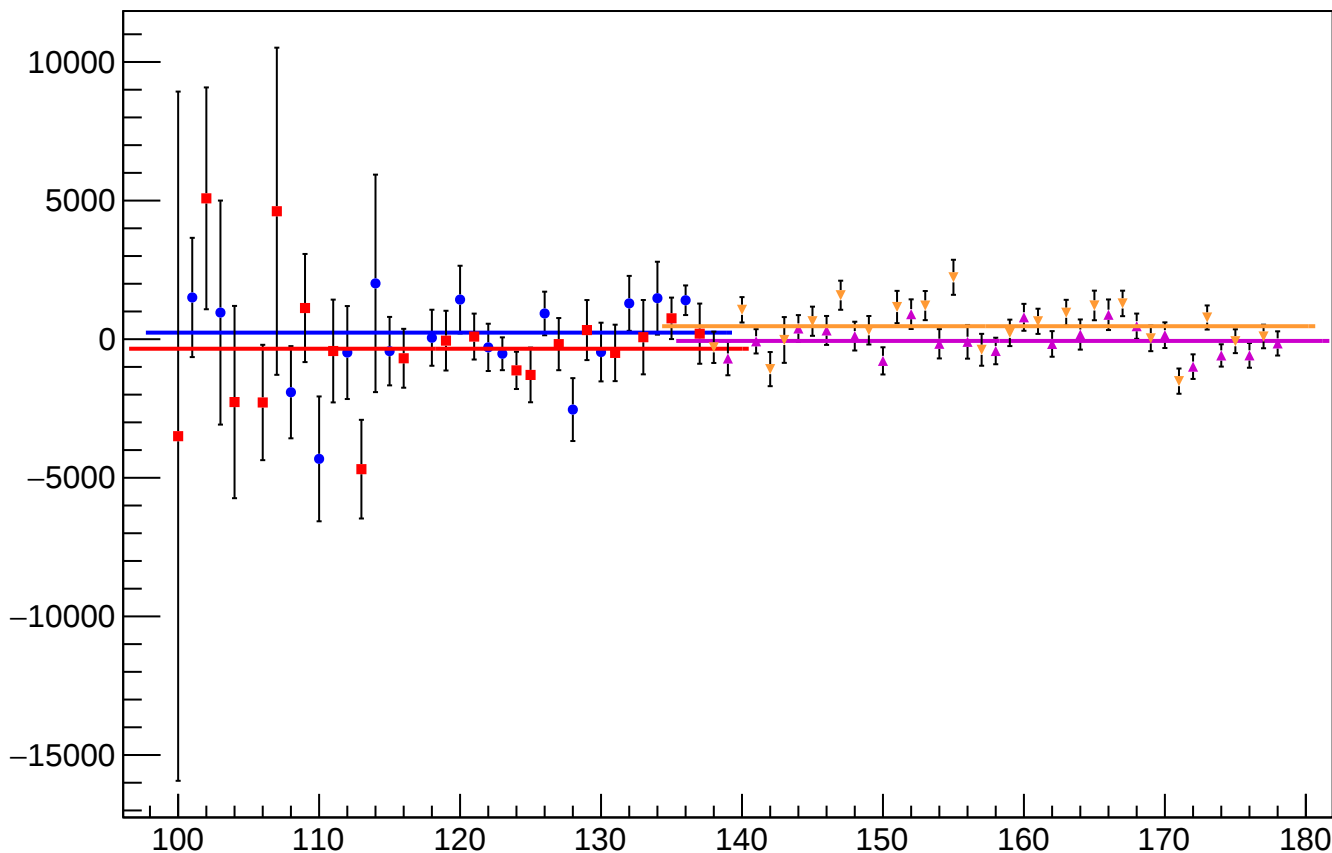
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1874.566+/-0.283 χ^2/NDF : 648965.5/36

Out: 1889.549+/-0.281 χ^2/NDF : 447787.2/39

All: 1882.109+/-0.199 χ^2/NDF : 1098166.2/76

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864 $\pm$ 248.604 χ^2 /NDF: 23.9/16

Left Out: 468.357 $\pm$ 109.800 χ^2 /NDF:57.7/20

Right Out: -344.268 $\pm$ 268.517 χ^2 /NDF: 16.0/18

Left In: -62.514 $\pm$ 108.797 χ^2 /NDF:23.9/19

Left: 200.486 $\pm$ 77.283 χ^2 /NDF: 93.3/40

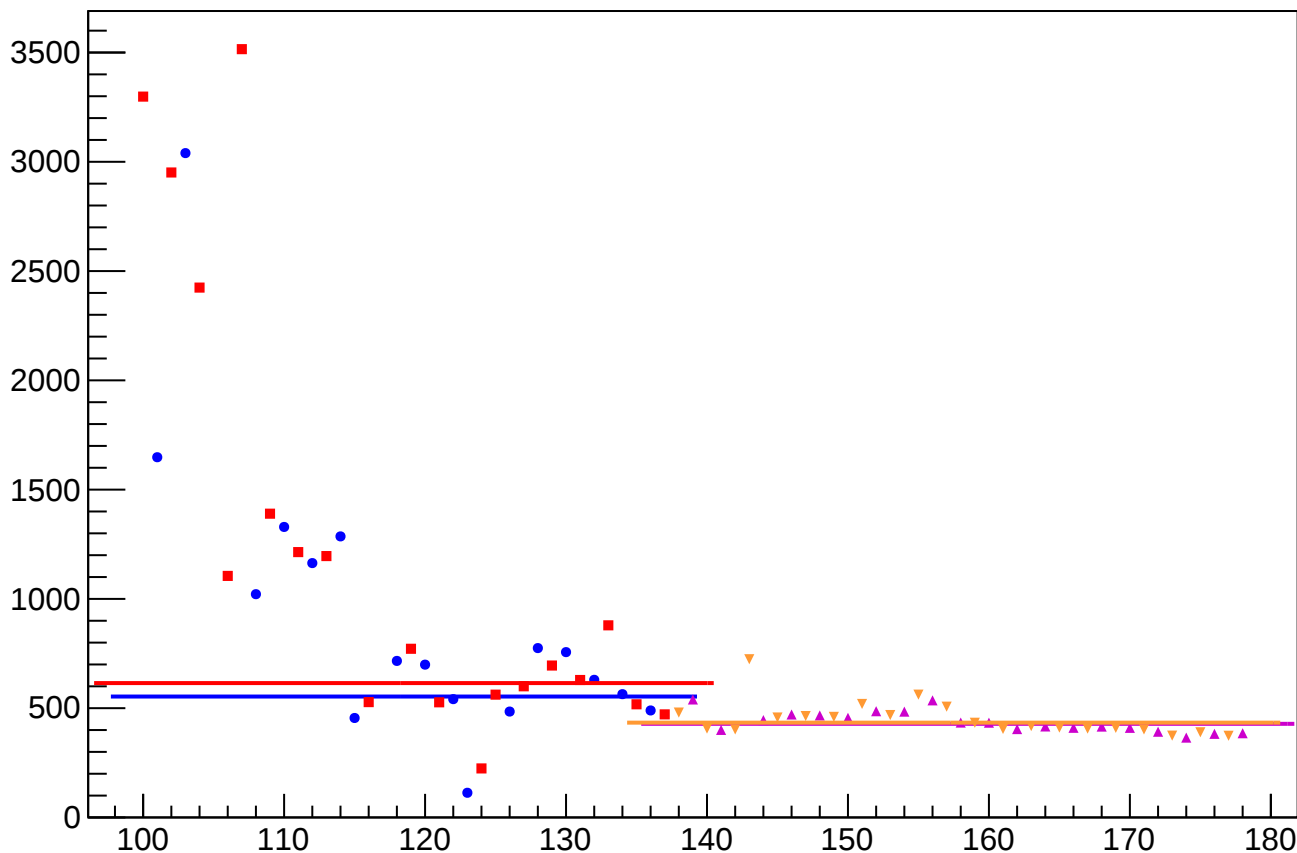
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: -14.393 $\pm$ 99.671 χ^2 /NDF:49.0/36

Out: 351.944 $\pm$ 101.631 χ^2 /NDF:81.5/39

All: 165.207 $\pm$ 71.161 χ^2 /NDF: 137.1/76

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280 ± 0.176 $\chi^2/\text{NDF}: 3412747.4/16$

Left Out: 433.826 ± 0.078 $\chi^2/\text{NDF}: 589062.3/20$

Right Out: 614.829 ± 0.190 $\chi^2/\text{NDF}: 3569607.7/18$

Left In: 428.404 ± 0.077 $\chi^2/\text{NDF}: 333343.5/19$

Left: 431.090 ± 0.055 $\chi^2/\text{NDF}: 924867.3/40$

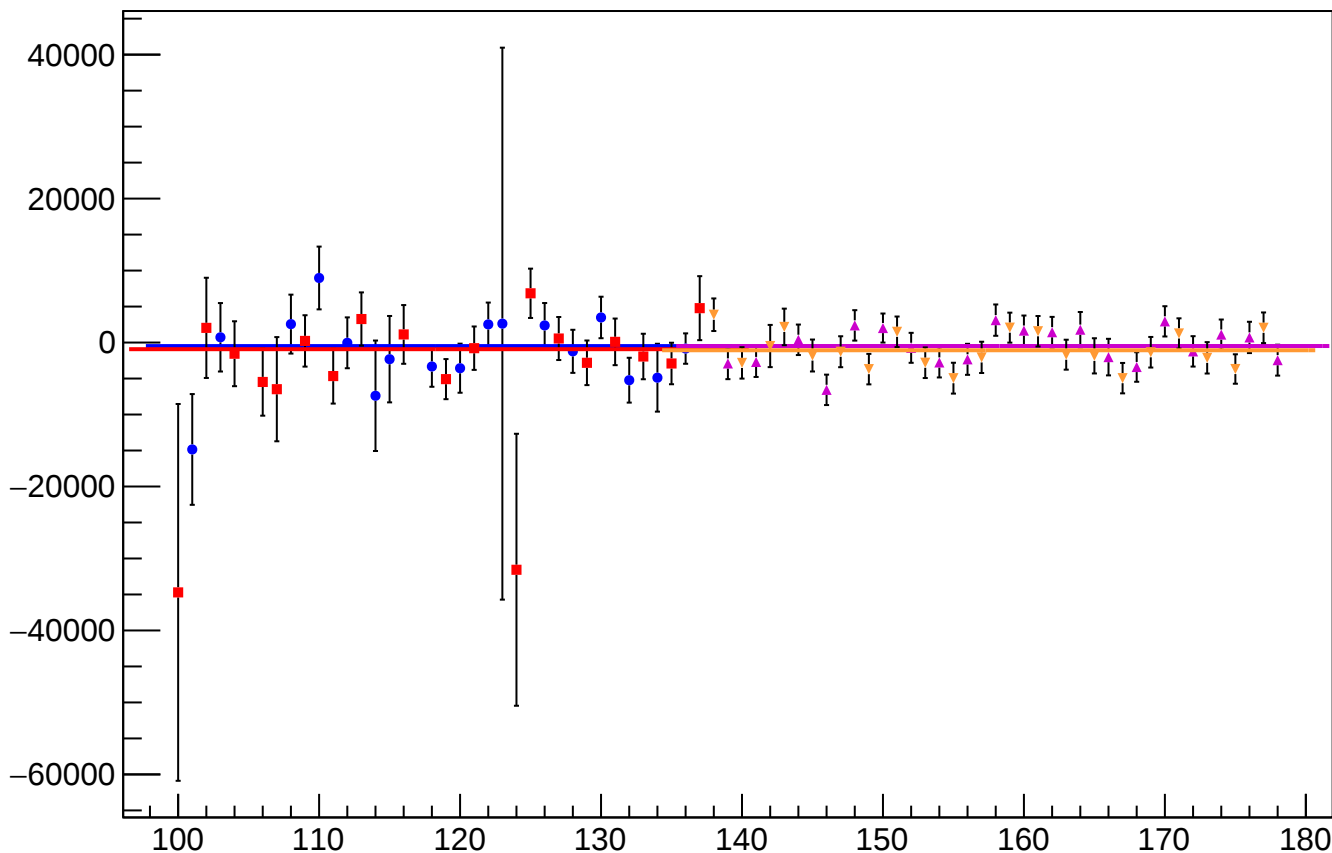
Right: 581.688 ± 0.129 $\chi^2/\text{NDF}: 7038937.4/35$

In: 448.476 ± 0.070 $\chi^2/\text{NDF}: 4169609.5/36$

Out: 459.756 ± 0.072 $\chi^2/\text{NDF}: 4937262.1/39$

All: 454.006 ± 0.050 $\chi^2/\text{NDF}: 9119430.4/76$

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1069.302+/-477.518 χ^2/NDF : 27.0/20

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

Left In: -481.599+/-479.028 χ^2/NDF : 28.5/19

Left: -776.379+/-338.189 χ^2/NDF : 56.2/40

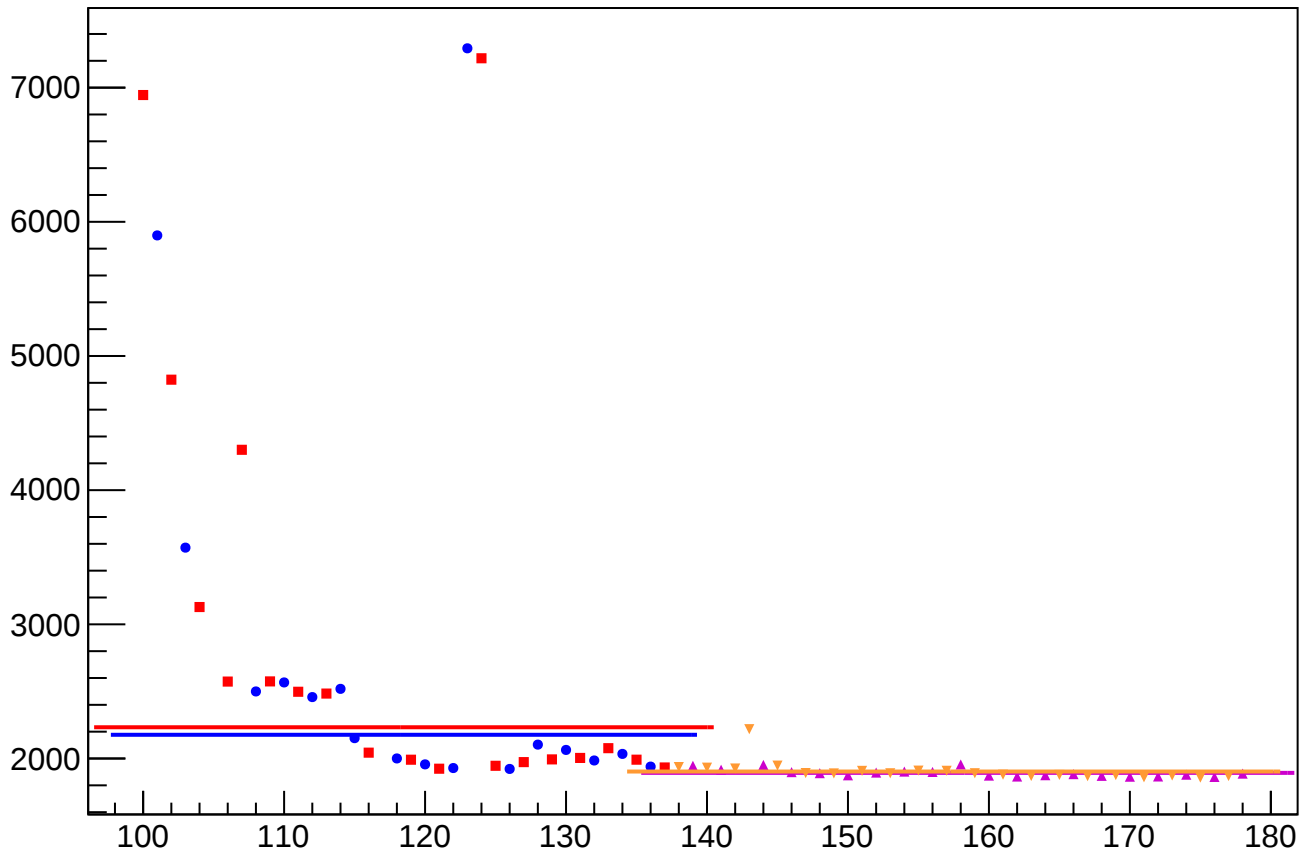
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -484.013+/-419.398 χ^2/NDF : 47.0/36

Out: -1035.097+/-418.459 χ^2/NDF : 45.9/39

All: -760.173+/-296.227 χ^2/NDF : 93.8/76

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746 $\pm$ 0.614 χ^2/NDF : 802677.9/16

Left Out: 1902.948 $\pm$ 0.338 χ^2/NDF : 37422.6/20

Right Out: 2232.883 $\pm$ 0.614 χ^2/NDF : 890552.7/18

Left In: 1892.937 $\pm$ 0.339 χ^2/NDF : 6925.9/19

Left: 1897.958 $\pm$ 0.239 χ^2/NDF : 44786.6/40

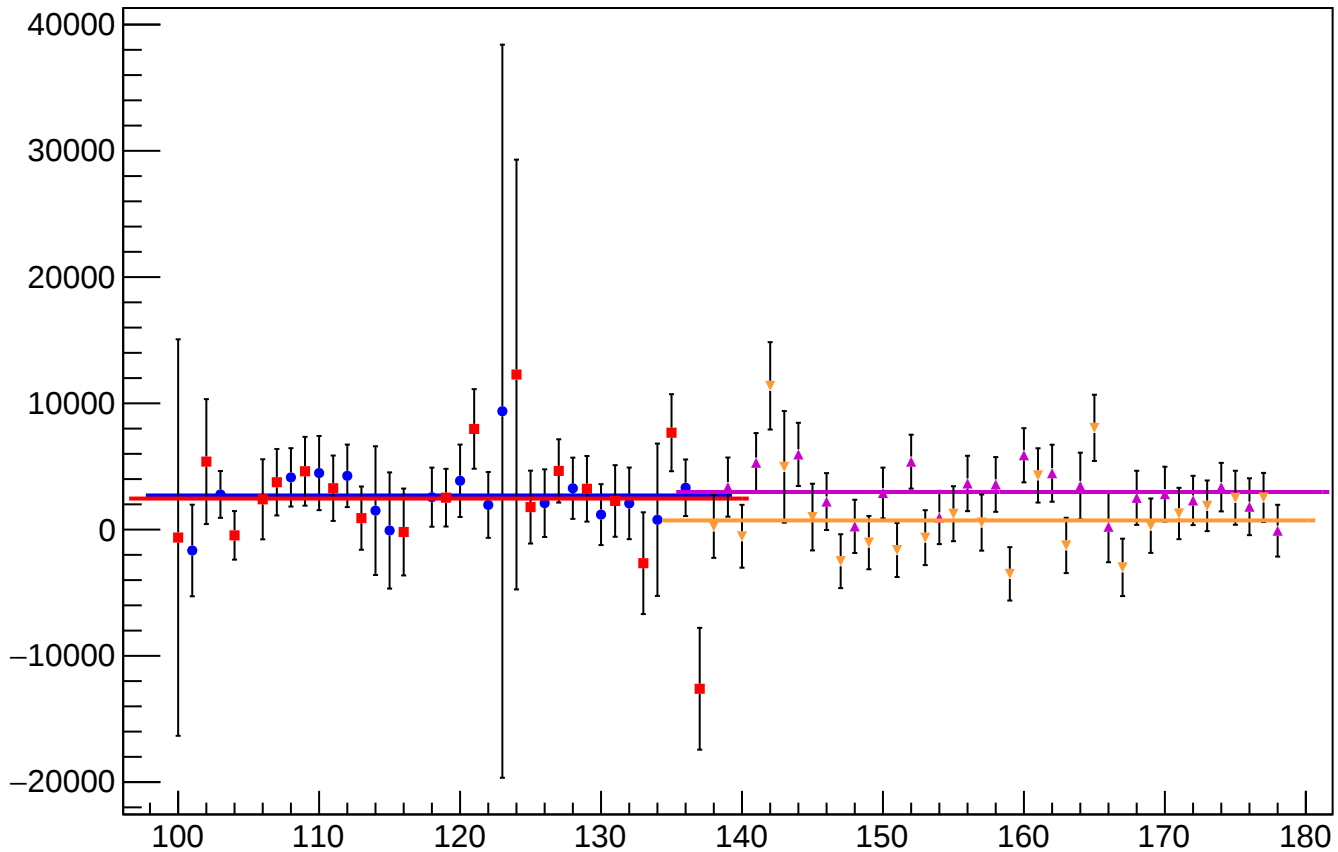
Right: 2204.793 $\pm$ 0.434 χ^2/NDF : 1697410.2/35

In: 1959.197 $\pm$ 0.297 χ^2/NDF : 973506.1/36

Out: 1979.514 $\pm$ 0.296 χ^2/NDF : 1149547.3/39

All: 1969.378 $\pm$ 0.209 χ^2/NDF : 2125405.2/76

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 726.408 $\pm$ 496.137 χ^2 /NDF:35.4/20

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

Left In: 2978.493 $\pm$ 491.494 χ^2 /NDF:12.5/19

Left: 1863.038 $\pm$ 349.169 χ^2 /NDF: 58.4/40

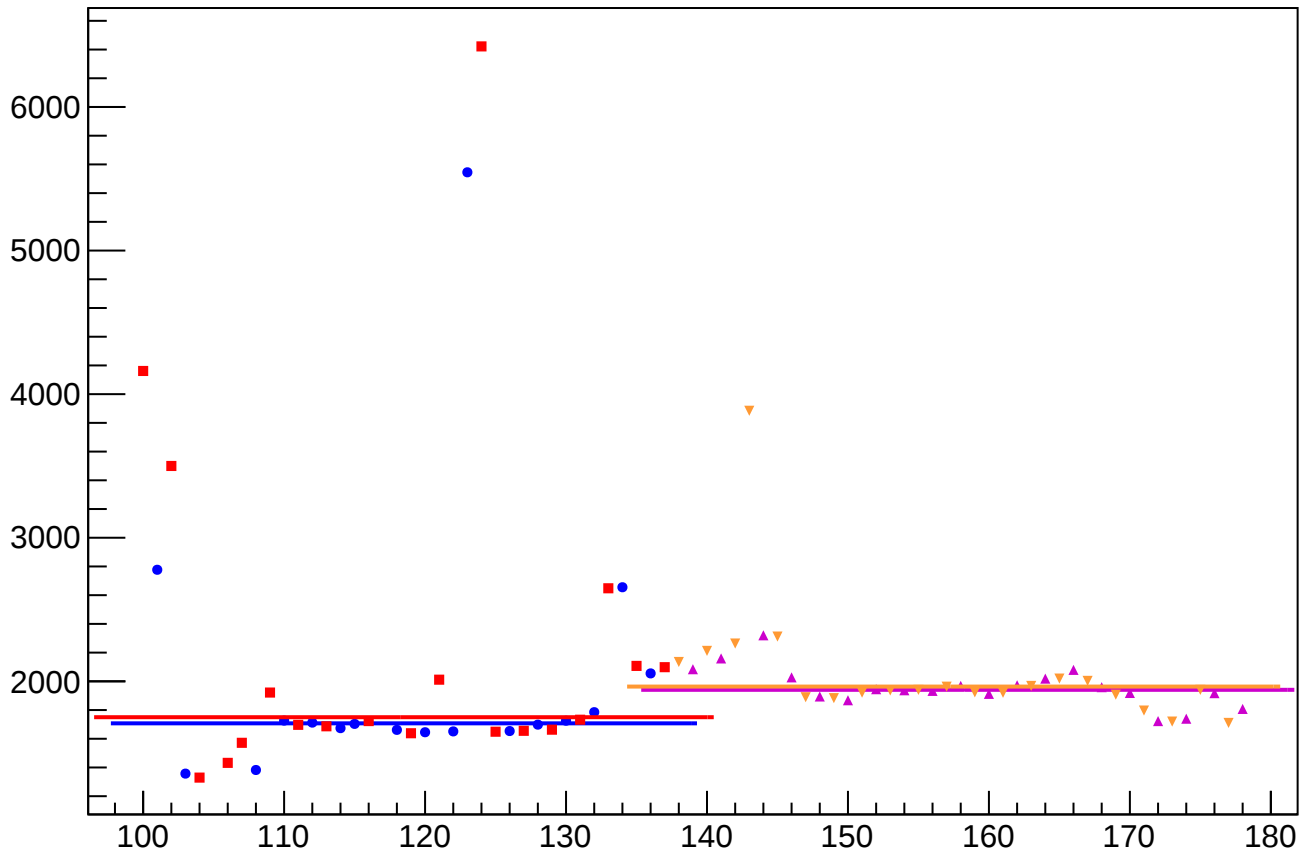
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 2883.011 $\pm$ 397.100 χ^2 /NDF:16.7/36

Out: 1325.191 $\pm$ 401.334 χ^2 /NDF:62.9/39

All: 2112.362 $\pm$ 282.277 χ^2 /NDF: 87.2/76

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 1963.464+/-0.351 χ^2/NDF : 544983.7/20

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

Left In: 1940.836+/-0.348 χ^2/NDF : 140835.6/19

Left: 1952.044+/-0.247 χ^2/NDF : 687918.9/40

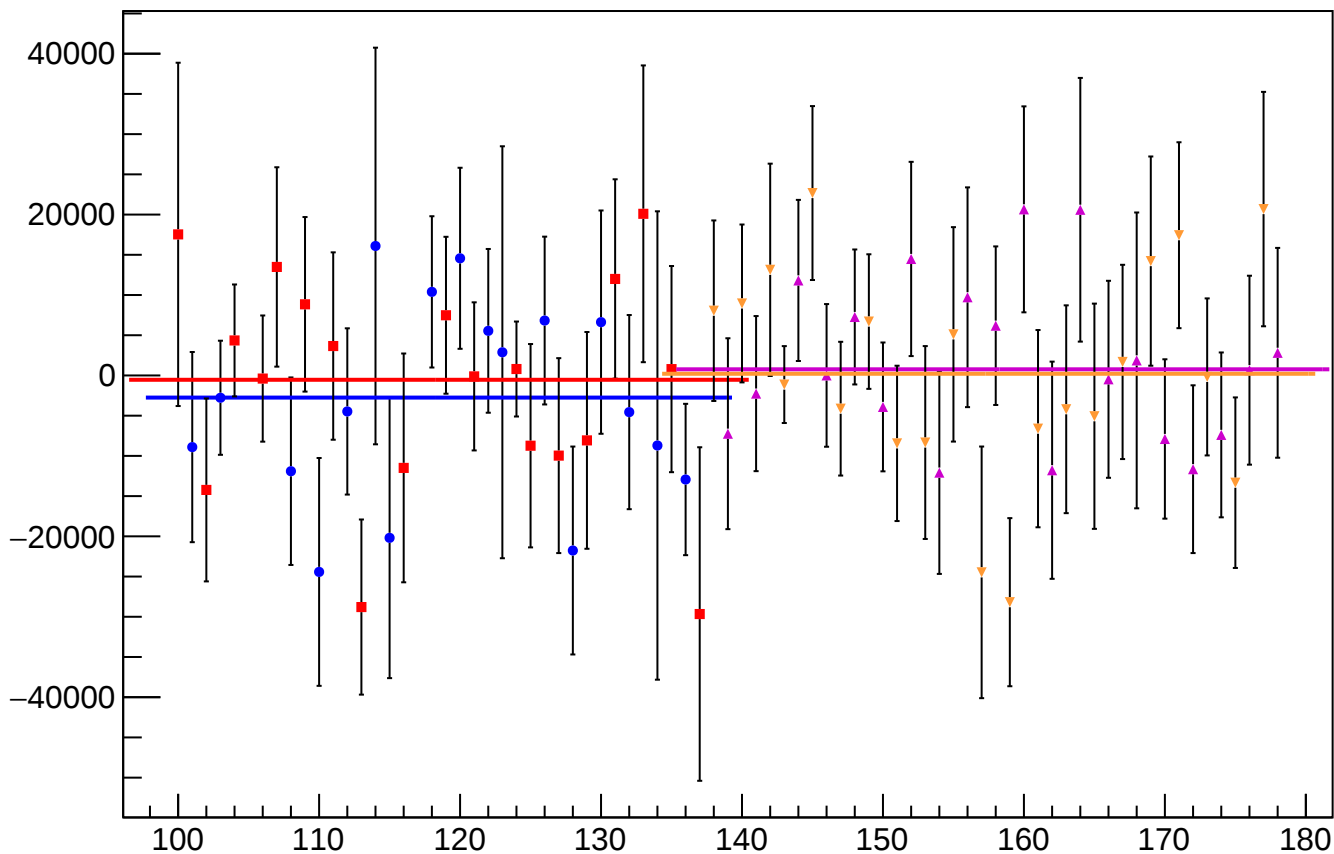
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1859.776+/-0.281 χ^2/NDF : 719674.9/36

Out: 1889.692+/-0.284 χ^2/NDF : 1419362.4/39

All: 1874.577+/-0.200 χ^2/NDF : 2144653.1/76

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725 $\pm$ 2842.399 χ^2/NDF : 14.6/16

Left Out: 209.267 $\pm$ 2215.055 χ^2/NDF : 26.4/20

Right Out: -538.445 $\pm$ 2424.977 χ^2/NDF : 18.5/18

Left In: 764.942 $\pm$ 2453.408 χ^2/NDF : 13.4/19

Left: 458.807 $\pm$ 1644.107 χ^2/NDF : 39.8/40

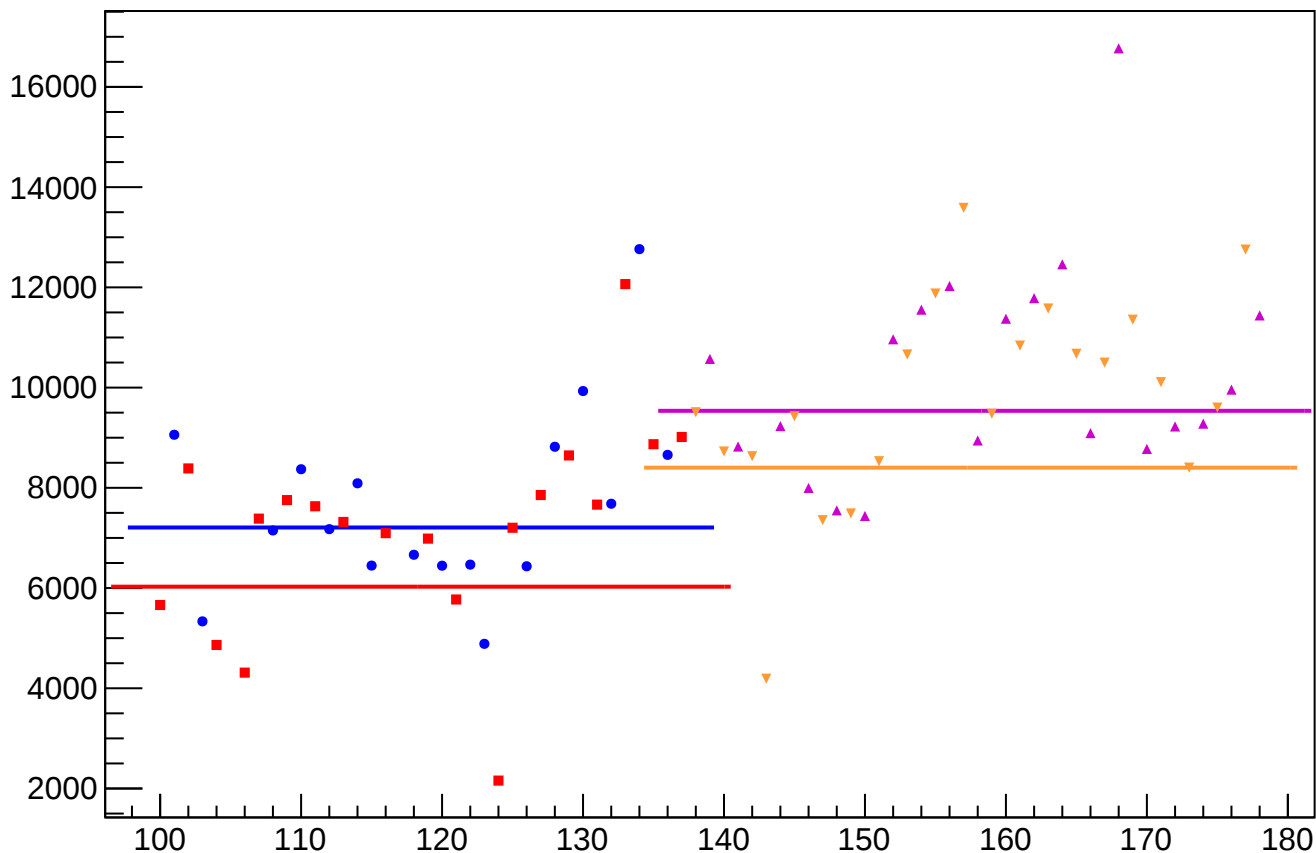
Right: -1470.363 $\pm$ 1844.820 χ^2/NDF : 33.4/35

In: -736.043 $\pm$ 1857.245 χ^2/NDF : 28.8/36

Out: -130.831 $\pm$ 1635.469 χ^2/NDF : 44.9/39

All: -395.162 $\pm$ 1227.410 χ^2/NDF : 73.8/76

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8402.304+/-1.566 χ^2/NDF : 2759986.8/20

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

Left In: 9536.635+/-1.735 χ^2/NDF : 1023080.1/19

Left: 8911.706+/-1.163 χ^2/NDF : 4018604.9/40

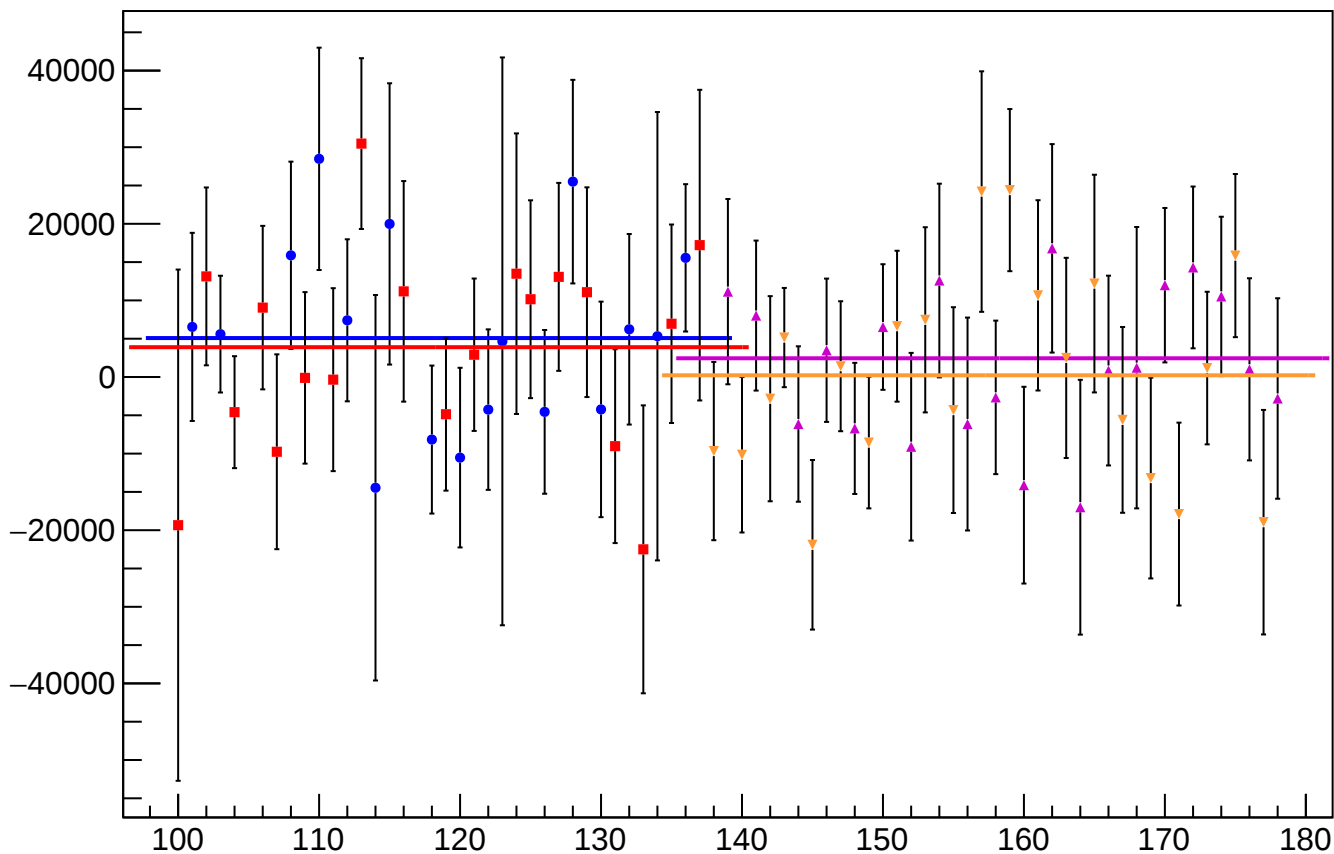
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8542.592+/-1.313 χ^2/NDF : 2285840.9/36

Out: 7322.081+/-1.156 χ^2/NDF : 5603872.1/39

All: 7855.149+/-0.868 χ^2/NDF : 8376198.0/76

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 223.914 $\pm$ 2368.389 χ^2/NDF : 24.8/20

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

Left In: 2444.933 $\pm$ 2495.998 χ^2/NDF : 12.2/19

Left: 1276.199 $\pm$ 1718.046 χ^2/NDF : 37.5/40

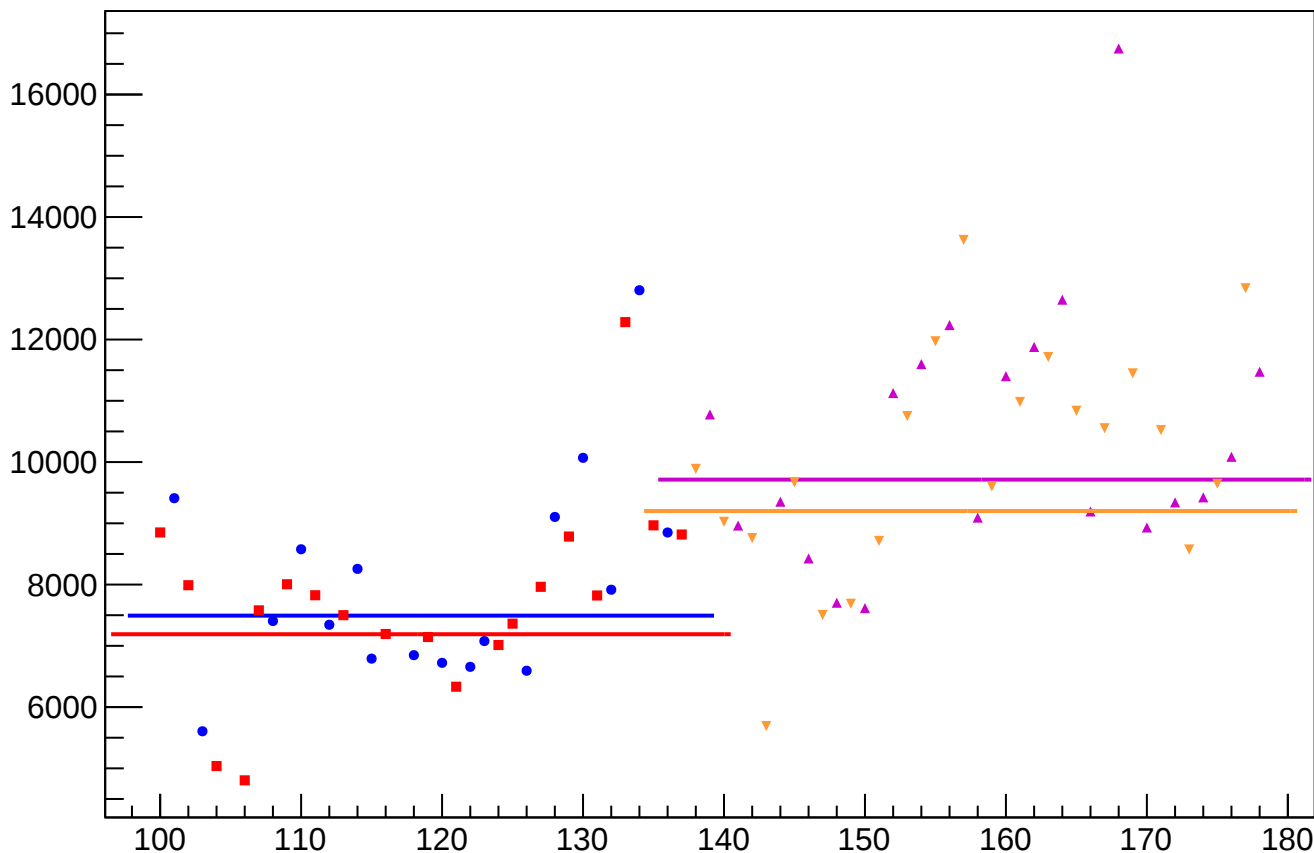
Right: 4454.101 $\pm$ 2028.836 χ^2/NDF : 29.7/35

In: 3543.963 $\pm$ 1906.871 χ^2/NDF : 26.7/36

Out: 1759.972 $\pm$ 1805.635 χ^2/NDF : 41.5/39

All: 2603.356 $\pm$ 1311.106 χ^2/NDF : 68.6/76

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9200.425+/-1.675 χ^2/NDF : 1411620.2/20

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

Left In: 9713.412+/-1.765 χ^2/NDF : 952440.7/19

Left: 9443.470+/-1.215 χ^2/NDF : 2408515.6/40

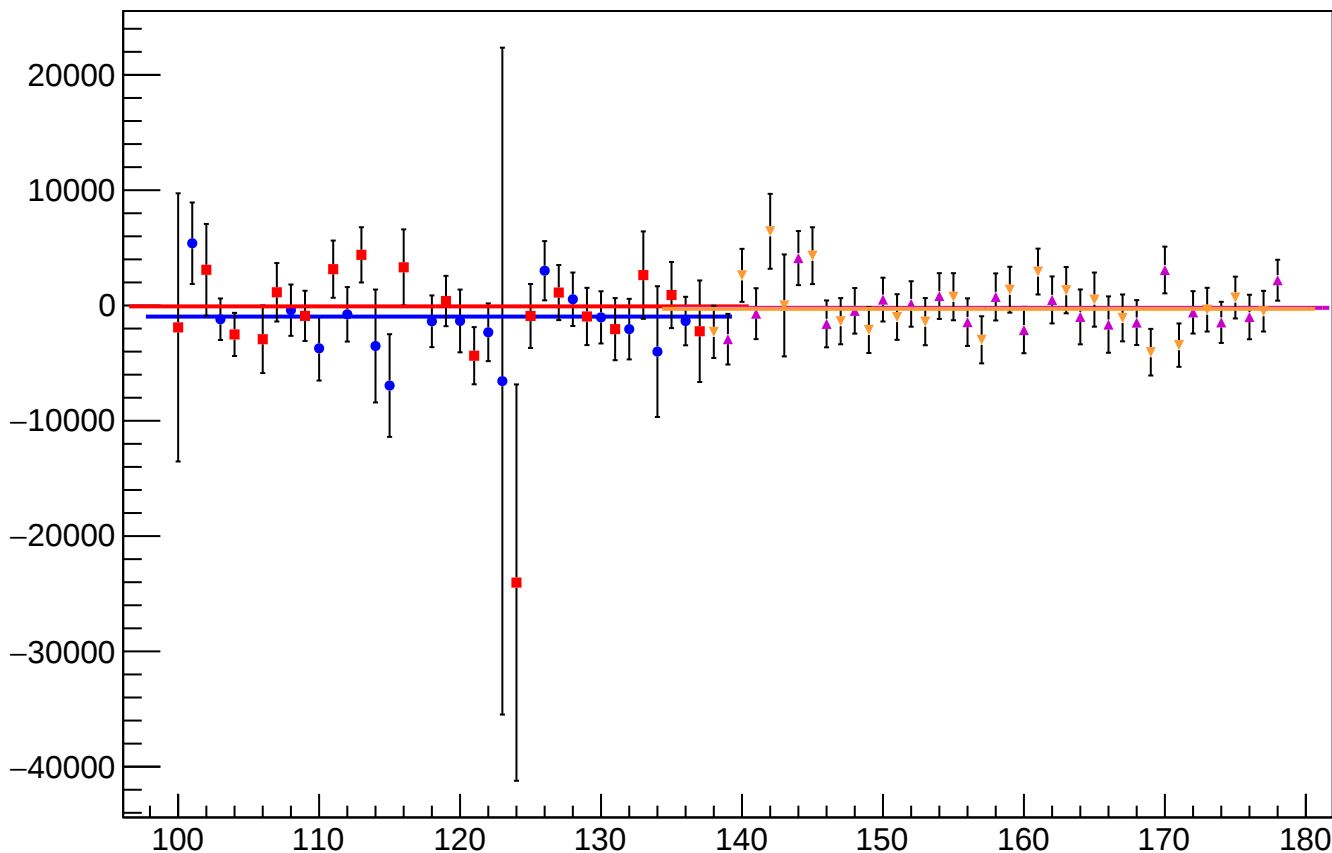
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8788.887+/-1.348 χ^2/NDF : 2048561.8/36

Out: 8358.202+/-1.277 χ^2/NDF : 2576387.2/39

All: 8561.800+/-0.927 χ^2/NDF : 4678745.1/76

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -289.923 $\pm$ 457.507 χ^2 /NDF:24.5/20

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

Left In: -203.059 $\pm$ 452.190 χ^2 /NDF:13.5/19

Left: -245.983 $\pm$ 321.610 χ^2 /NDF: 38.1/40

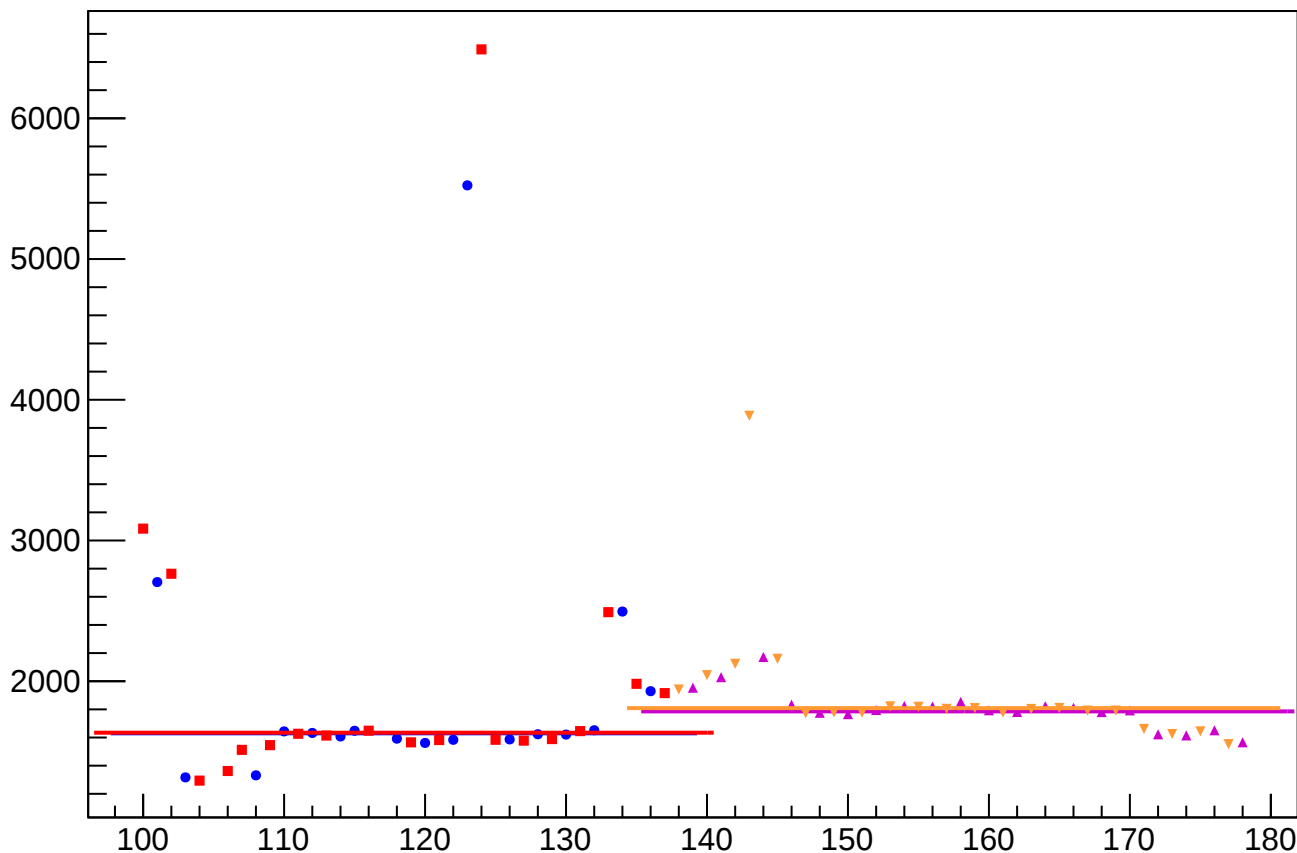
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

In: -454.364 $\pm$ 369.887 χ^2 /NDF:24.5/36

Out: -216.848 $\pm$ 370.894 χ^2 /NDF:41.3/39

All: -335.929 $\pm$ 261.905 χ^2 /NDF: 66.1/76

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1808.937+/-0.324 χ^2/NDF : 620543.3/20

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

Left In: 1785.708+/-0.320 χ^2/NDF : 170310.7/19

Left: 1797.186+/-0.227 χ^2/NDF : 793462.0/40

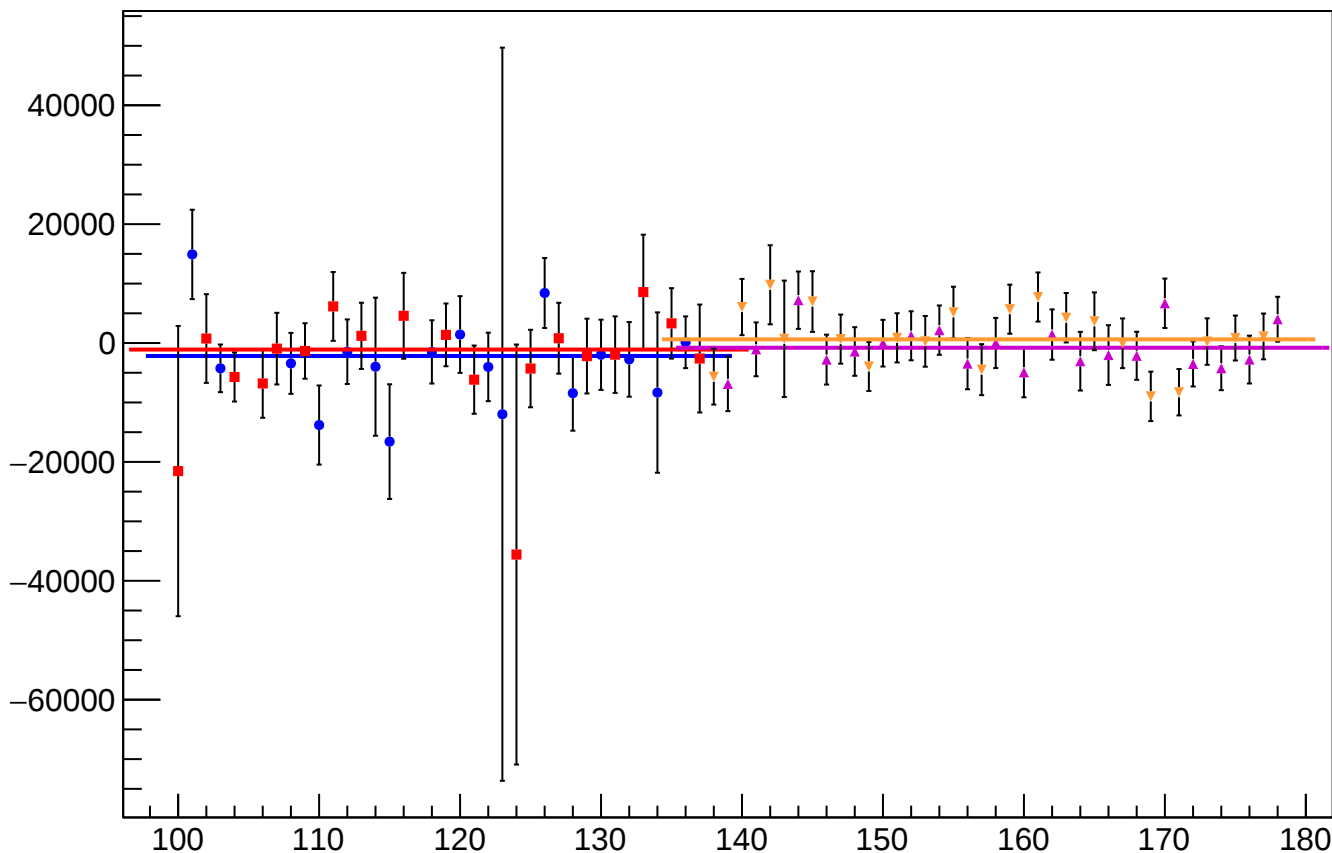
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1734.170+/-0.262 χ^2/NDF : 656976.7/36

Out: 1749.058+/-0.262 χ^2/NDF : 1309134.4/39

All: 1741.594+/-0.185 χ^2/NDF : 1967726.9/76

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244 ± 1493.026 χ^2/NDF : 16.0/16

Left Out: 623.831 ± 952.683 χ^2/NDF : 26.5/20

Right Out: -1098.345 ± 1439.820 χ^2/NDF : 9.3/18

Left In: -792.774 ± 938.762 χ^2/NDF : 14.1/19

Left: -94.898 ± 668.672 χ^2/NDF : 41.7/40

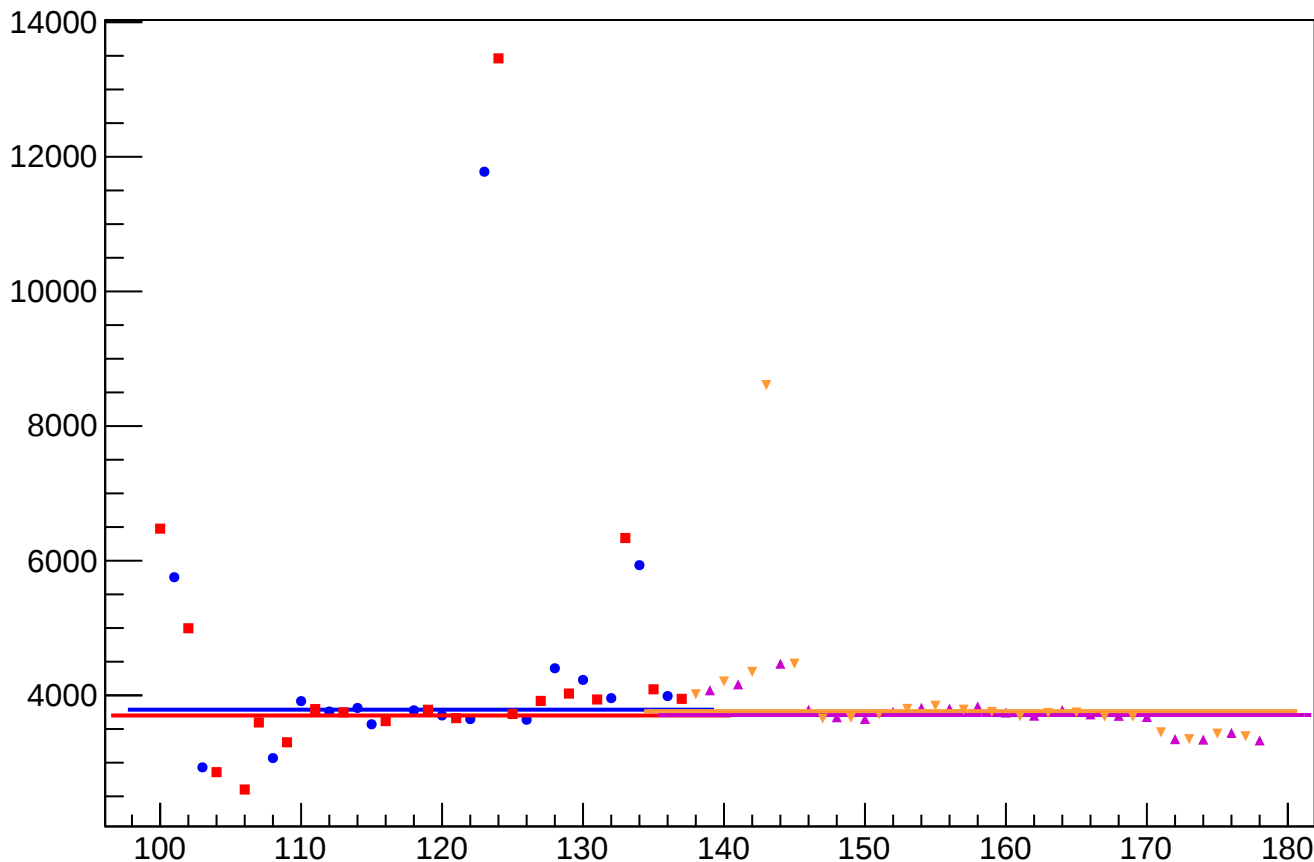
Right: -1619.192 ± 1036.406 χ^2/NDF : 25.5/35

In: -1185.604 ± 794.721 χ^2/NDF : 30.7/36

Out: 99.436 ± 794.509 χ^2/NDF : 36.8/39

All: -542.912 ± 561.877 χ^2/NDF : 68.8/76

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3765.844+/-0.674 χ^2/NDF : 641742.5/20

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

Left In: 3708.229+/-0.664 χ^2/NDF : 155508.0/19

Left: 3736.612+/-0.473 χ^2/NDF : 800961.8/40

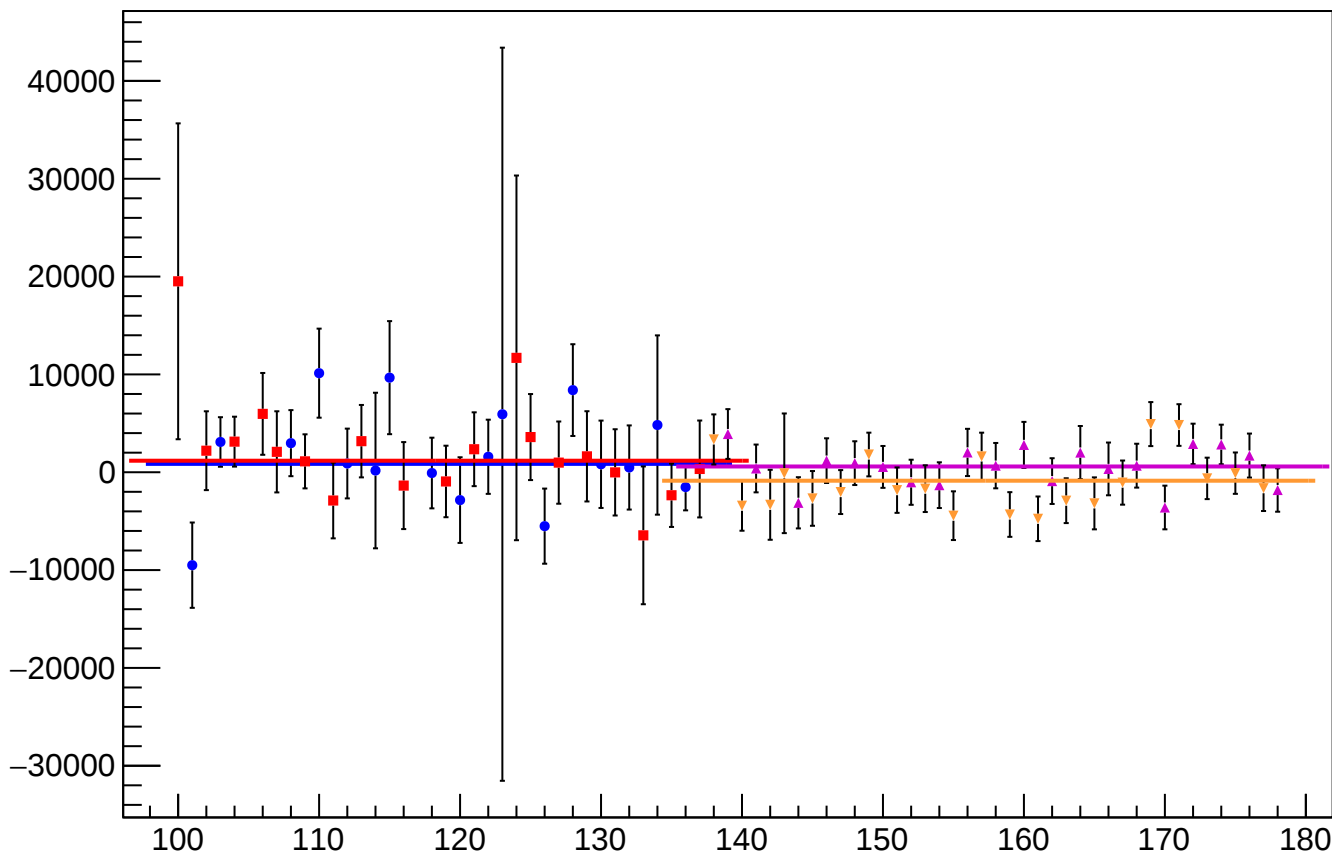
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3730.632+/-0.562 χ^2/NDF : 552179.2/36

Out: 3746.078+/-0.562 χ^2/NDF : 1225664.8/39

All: 3738.357+/-0.397 χ^2/NDF : 1778221.8/76

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -866.101 $\pm$ 527.714 χ^2 /NDF:30.5/20

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

Left In: 588.754 $\pm$ 518.276 χ^2 /NDF:14.3/19

Left: -125.548 $\pm$ 369.768 χ^2 /NDF: 48.7/40

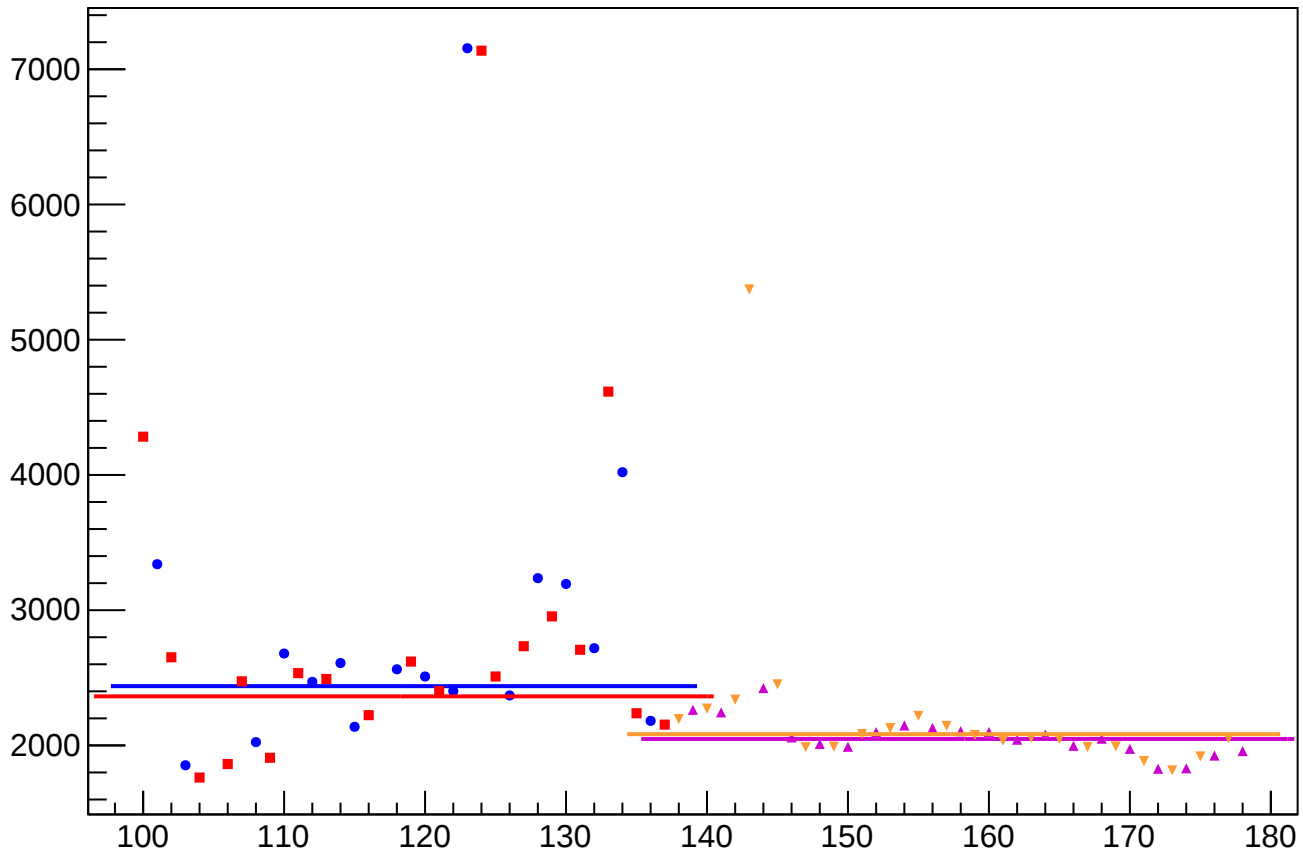
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 648.649 $\pm$ 456.564 χ^2 /NDF:35.0/36

Out: -364.706 $\pm$ 458.448 χ^2 /NDF:42.7/39

All: 144.058 $\pm$ 323.504 χ^2 /NDF: 80.2/76

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2083.262+/-0.373 χ^2/NDF : 723108.5/20

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

Left In: 2047.808+/-0.366 χ^2/NDF : 137797.5/19

Left: 2065.215+/-0.261 χ^2/NDF : 865501.2/40

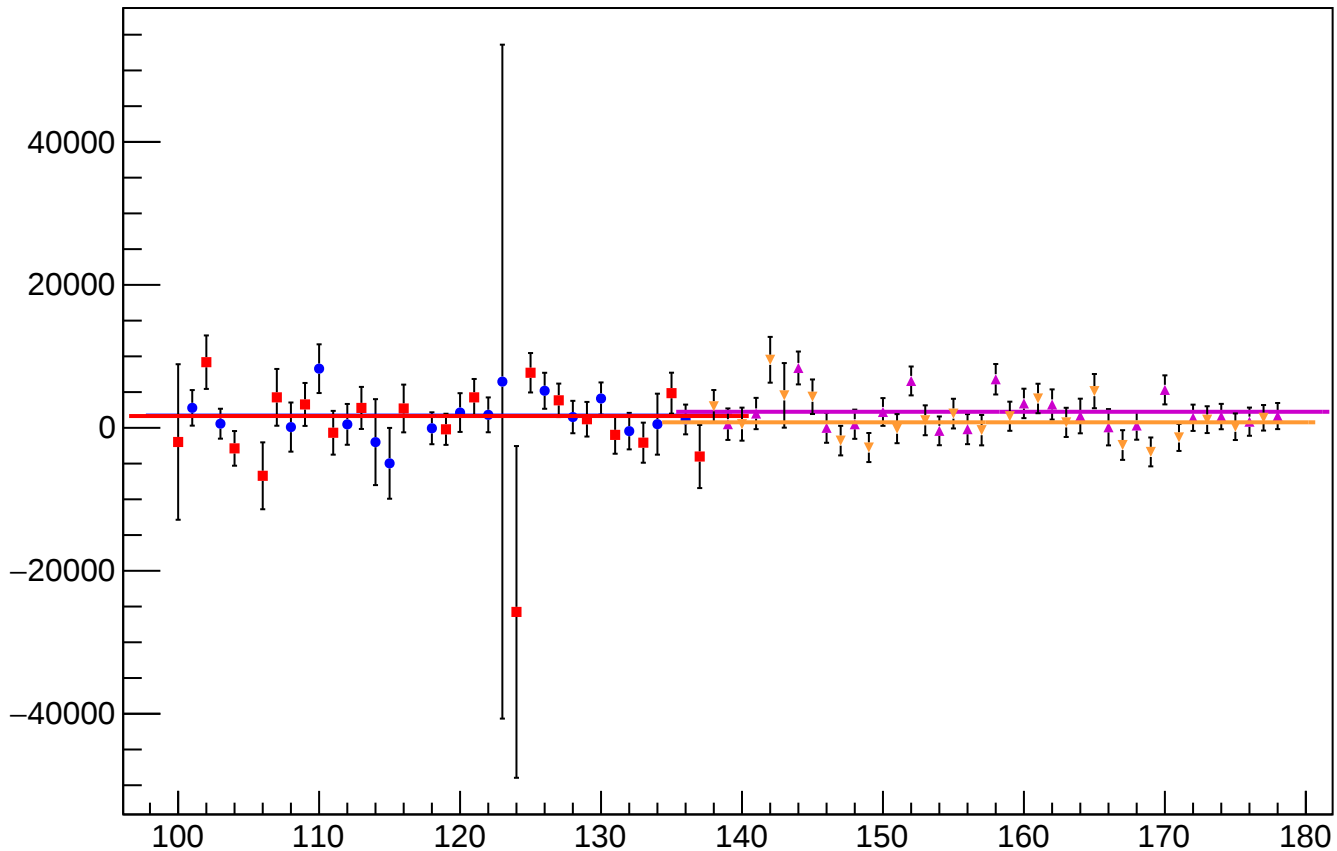
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2135.259+/-0.323 χ^2/NDF : 868769.8/36

Out: 2151.813+/-0.324 χ^2/NDF : 1518227.5/39

All: 2143.502+/-0.229 χ^2/NDF : 2388306.5/76

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 774.036 $\pm$ 464.730 χ^2/NDF :30.9/20

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

Left In: 2246.539 $\pm$ 460.022 χ^2/NDF :27.3/19

Left: 1517.785 $\pm$ 326.936 χ^2/NDF : 63.2/40

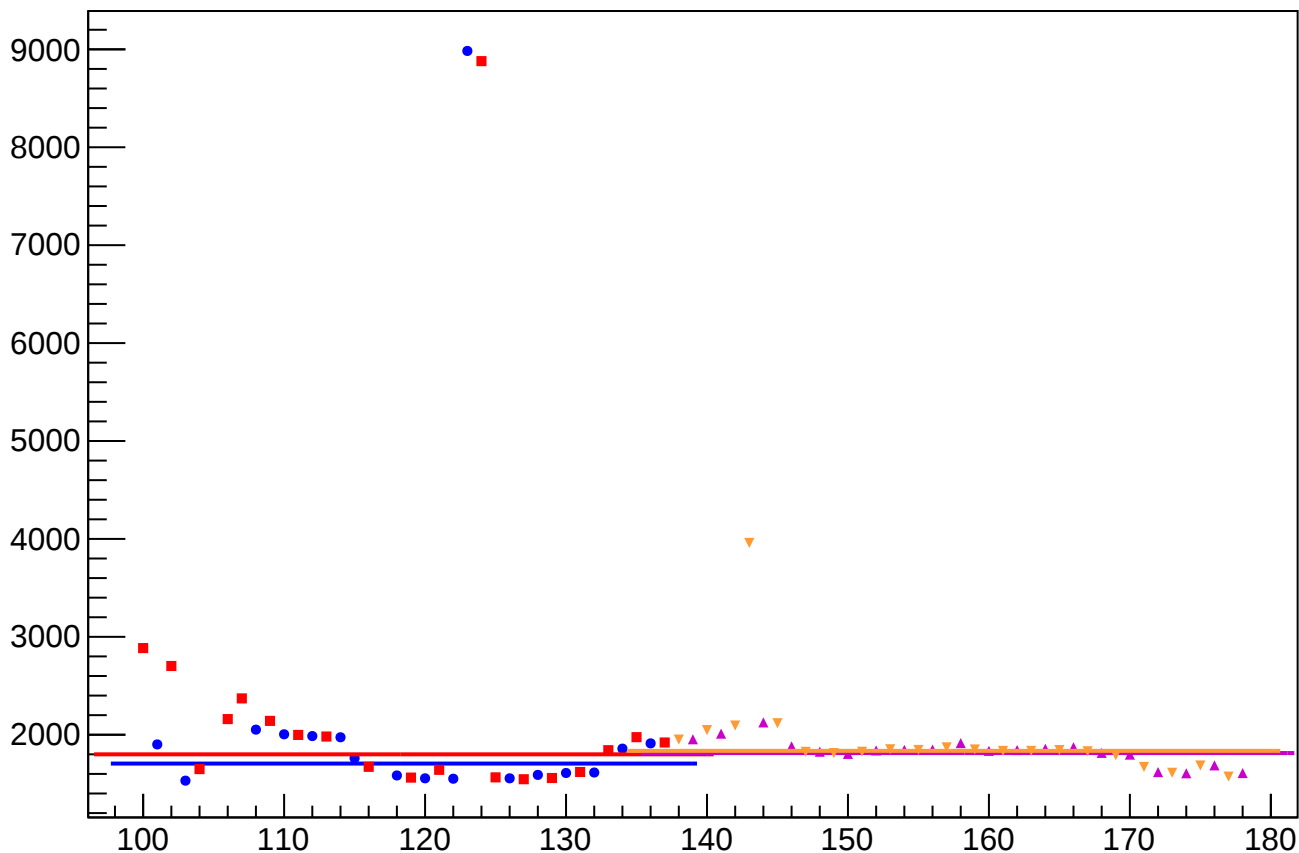
Right: 1682.780 $\pm$ 481.052 χ^2/NDF : 38.3/35

In: 2074.469 $\pm$ 378.717 χ^2/NDF :39.1/36

Out: 1045.236 $\pm$ 386.197 χ^2/NDF :58.9/39

All: 1569.916 $\pm$ 270.399 χ^2/NDF : 101.6/76

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1835.568 $\pm$ 0.329 χ^2 /NDF: 606310.3/20

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

Left In: 1813.143 $\pm$ 0.325 χ^2 /NDF: 155024.2/19

Left: 1824.241 $\pm$ 0.231 χ^2 /NDF: 763686.9/40

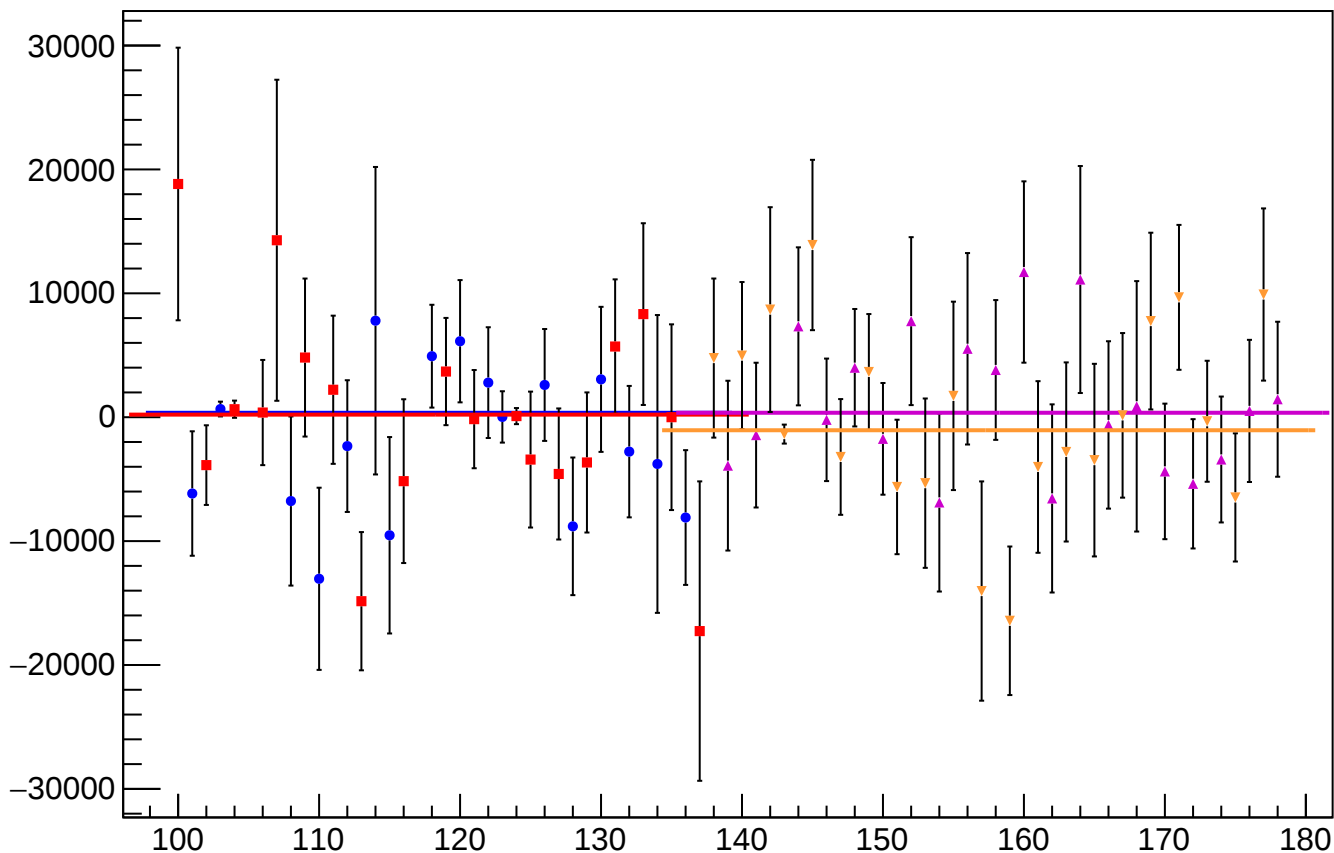
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1778.495 $\pm$ 0.268 χ^2 /NDF: 384405.1/36

Out: 1824.527 $\pm$ 0.273 χ^2 /NDF: 1148727.7/39

All: 1801.077 $\pm$ 0.191 χ^2 /NDF: 1547627.5/76

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1052.307 $\pm$ 670.384 χ^2/NDF :28.2/20

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

Left In: 359.491 $\pm$ 1356.392 χ^2/NDF :12.7/19

Left: -775.145 $\pm$ 600.988 χ^2/NDF : 41.8/40

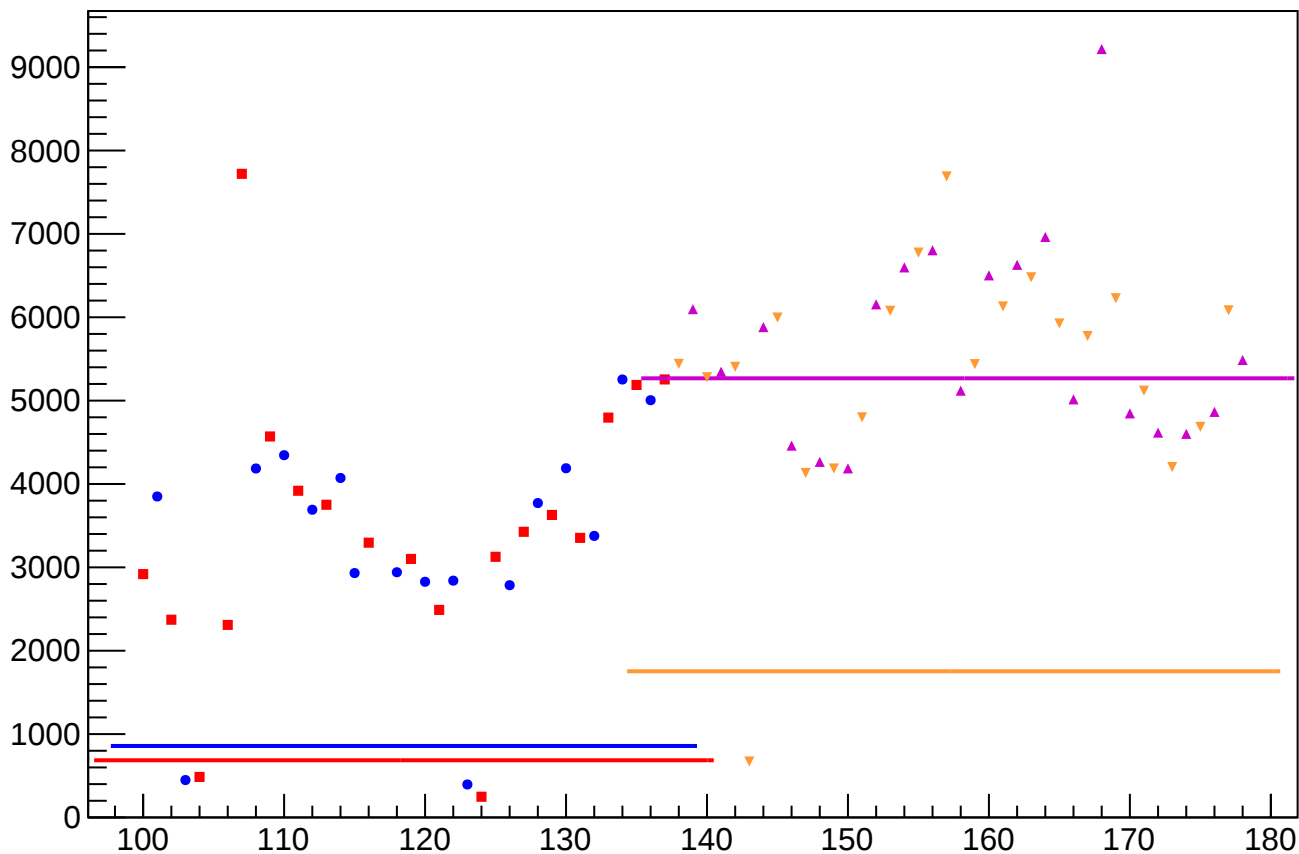
Right: 270.567 $\pm$ 342.385 χ^2/NDF : 38.9/35

In: 357.355 $\pm$ 496.243 χ^2/NDF :30.2/36

Out: -178.110 $\pm$ 371.691 χ^2/NDF :52.0/39

All: 14.332 $\pm$ 297.494 χ^2/NDF : 83.0/76

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1753.607 $\pm$ 0.474 χ^2 /NDF:17862307.8/20

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

Left In: 5267.709 $\pm$ 0.959 χ^2 /NDF:1076895.9/19

Left: 2443.489 $\pm$ 0.425 χ^2 /NDF: 29727980.9/40

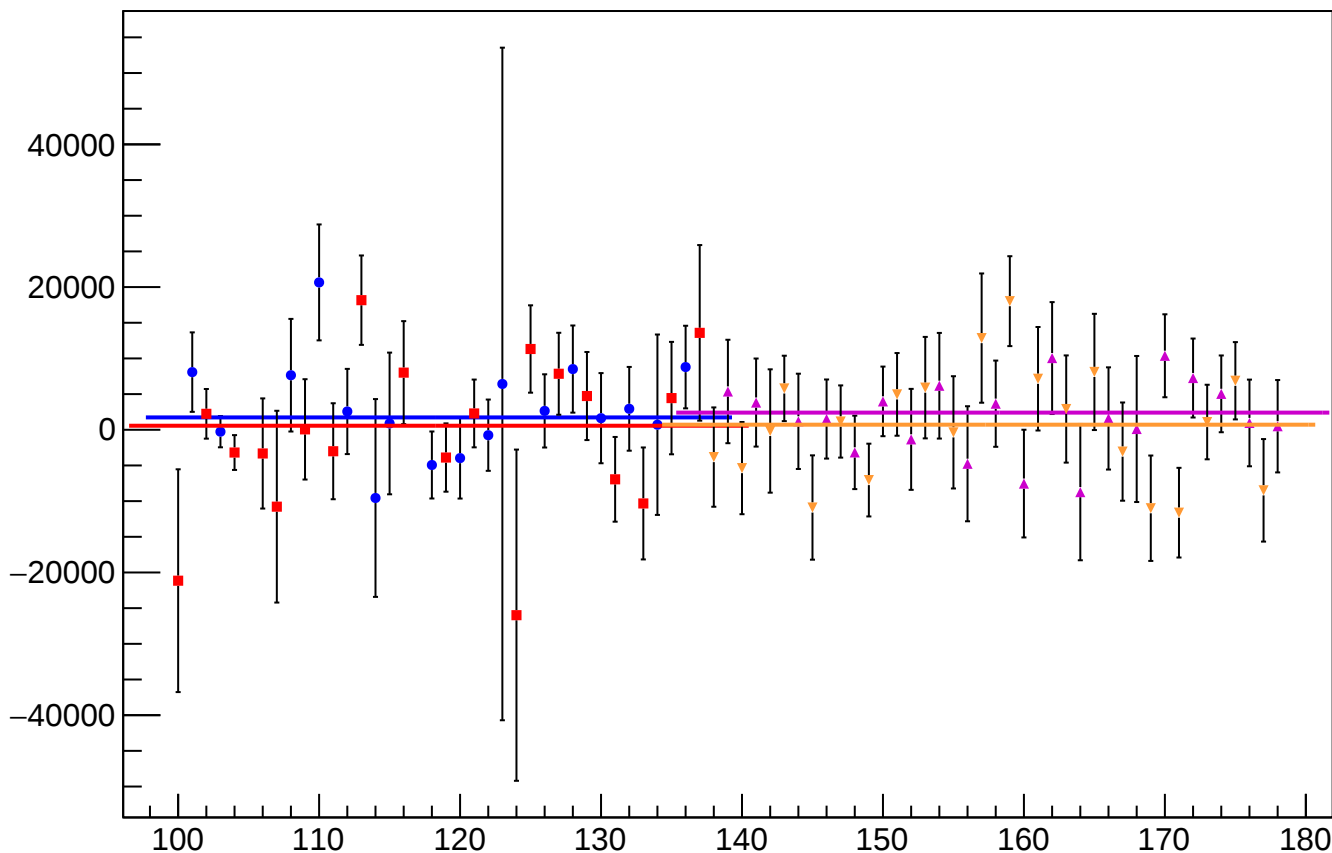
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1447.781 $\pm$ 0.351 χ^2 /NDF:27565874.6/36

Out: 1014.055 $\pm$ 0.263 χ^2 /NDF:30837768.0/39

All: 1169.933 $\pm$ 0.210 χ^2 /NDF: 59382375.7/79

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 712.976+/-1398.148 χ^2/NDF : 29.1/20

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

Left In: 2405.239+/-1439.434 χ^2/NDF : 10.1/19

Left: 1534.490+/-1002.918 χ^2/NDF : 39.9/40

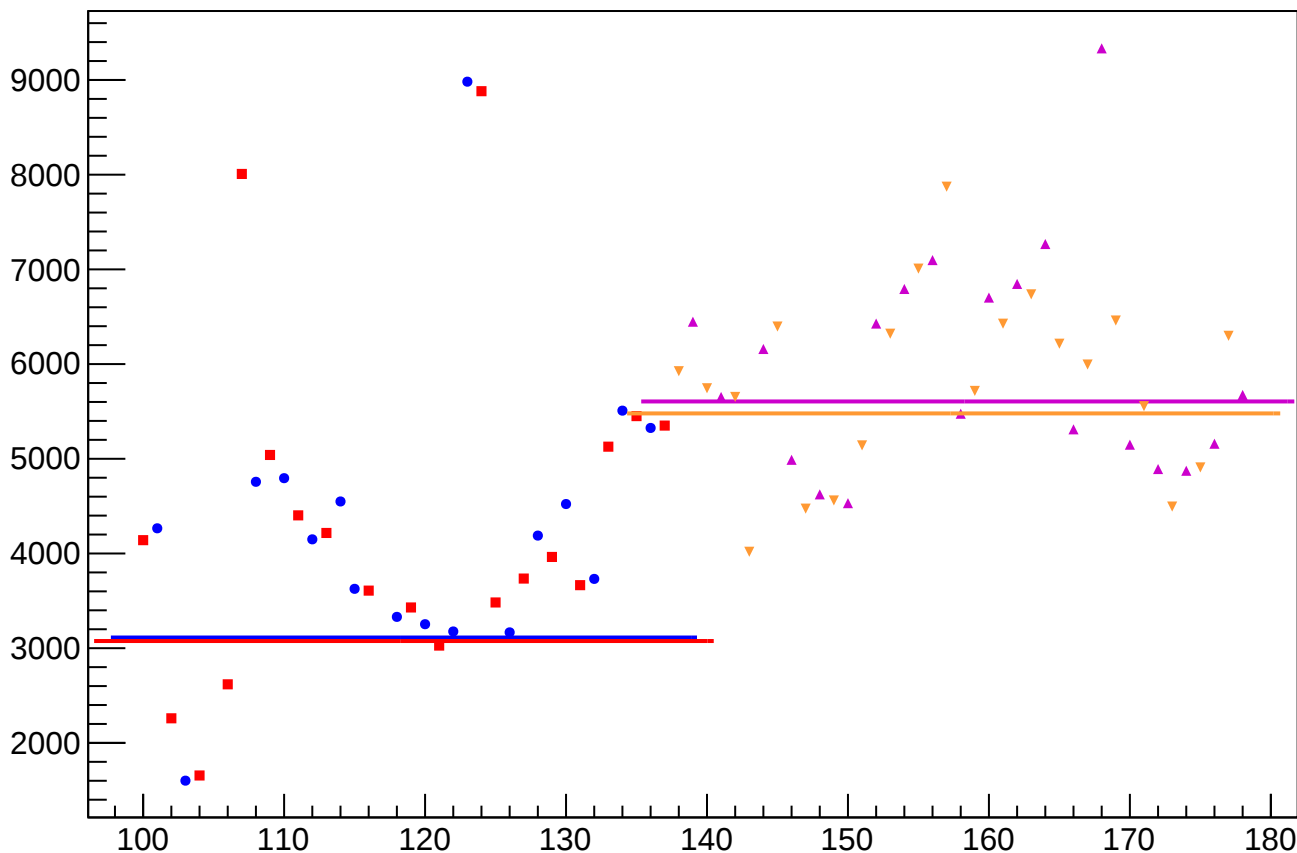
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 2036.318+/-966.657 χ^2/NDF : 25.1/36

Out: 633.962+/-946.631 χ^2/NDF : 56.2/39

All: 1320.464+/-676.338 χ^2/NDF : 82.4/76

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5479.090 $\pm$ 0.989 χ^2 /NDF: 916194.8/20

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

Left In: 5605.400 $\pm$ 1.018 χ^2 /NDF: 898566.4/19

Left: 5540.408 $\pm$ 0.709 χ^2 /NDF: 1822685.2/40

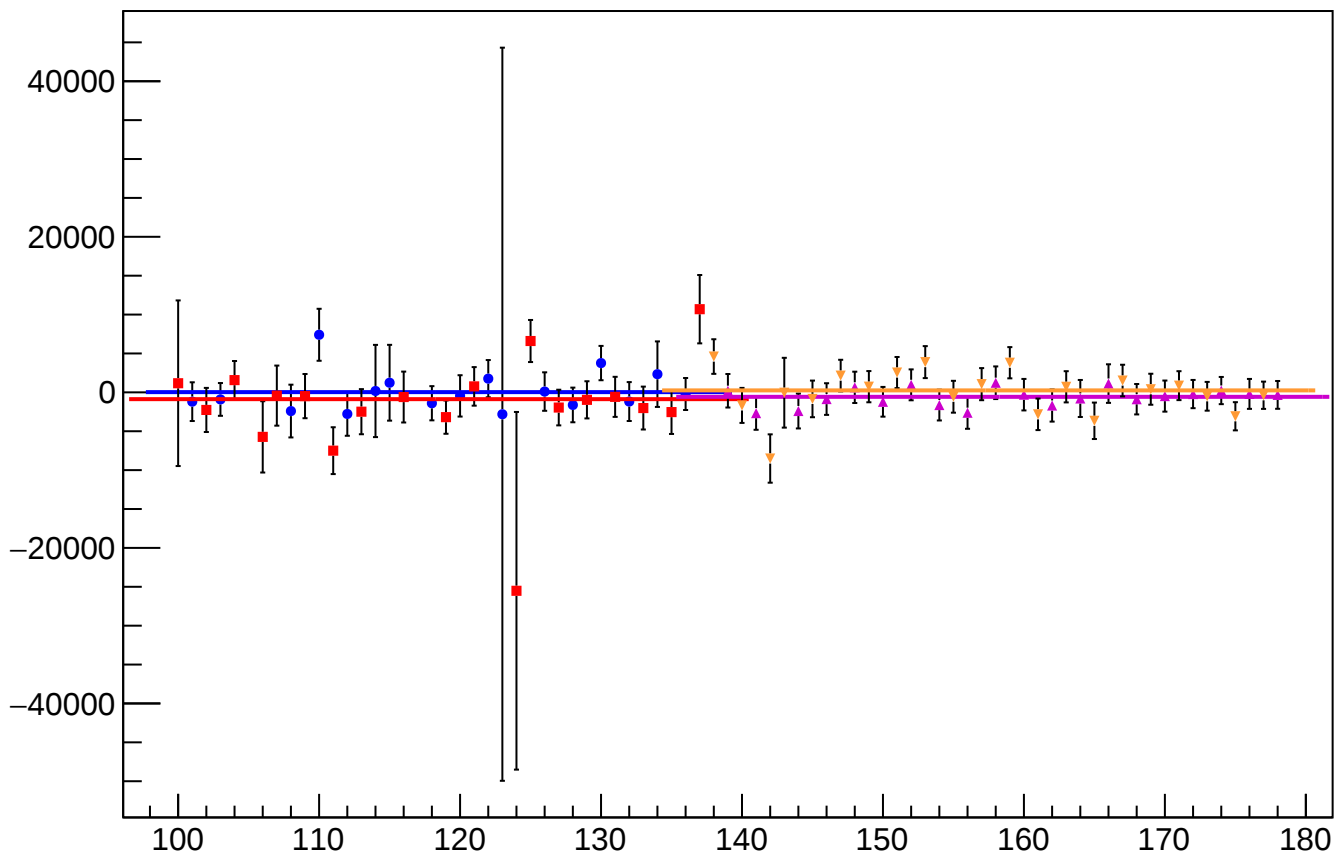
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 4236.853 $\pm$ 0.684 χ^2 /NDF: 6075978.1/36

Out: 4160.058 $\pm$ 0.664 χ^2 /NDF: 6170612.7/39

All: 4197.346 $\pm$ 0.476 χ^2 /NDF: 12253084.4/79

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102+/-658.403 χ^2/NDF : 11.8/16

Left Out: 251.570+/-455.963 χ^2/NDF : 30.9/20

Right Out: -874.470+/-673.273 χ^2/NDF : 25.7/18

Left In: -576.290+/-451.492 χ^2/NDF : 6.0/19

Left: -166.438+/-320.822 χ^2/NDF : 38.5/40

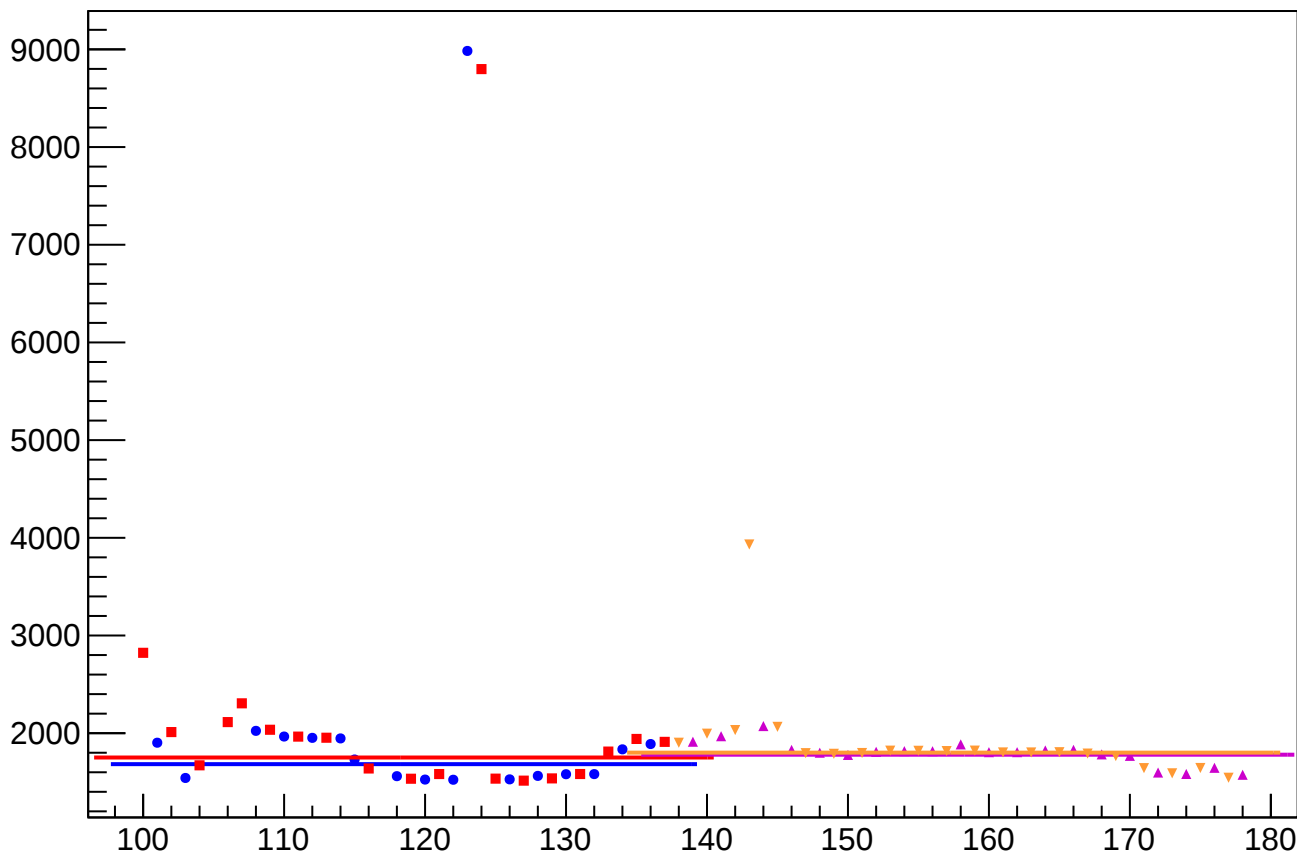
Right: -412.596+/-470.731 χ^2/NDF : 38.4/35

In: -382.663+/-372.355 χ^2/NDF : 18.4/36

Out: -102.493+/-377.533 χ^2/NDF : 58.4/39

All: -244.513+/-265.106 χ^2/NDF : 77.1/76

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1801.049+/-0.322 χ^2/NDF : 606494.1/20

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

Left In: 1779.796+/-0.319 χ^2/NDF : 149477.0/19

Left: 1790.318+/-0.227 χ^2/NDF : 758165.1/40

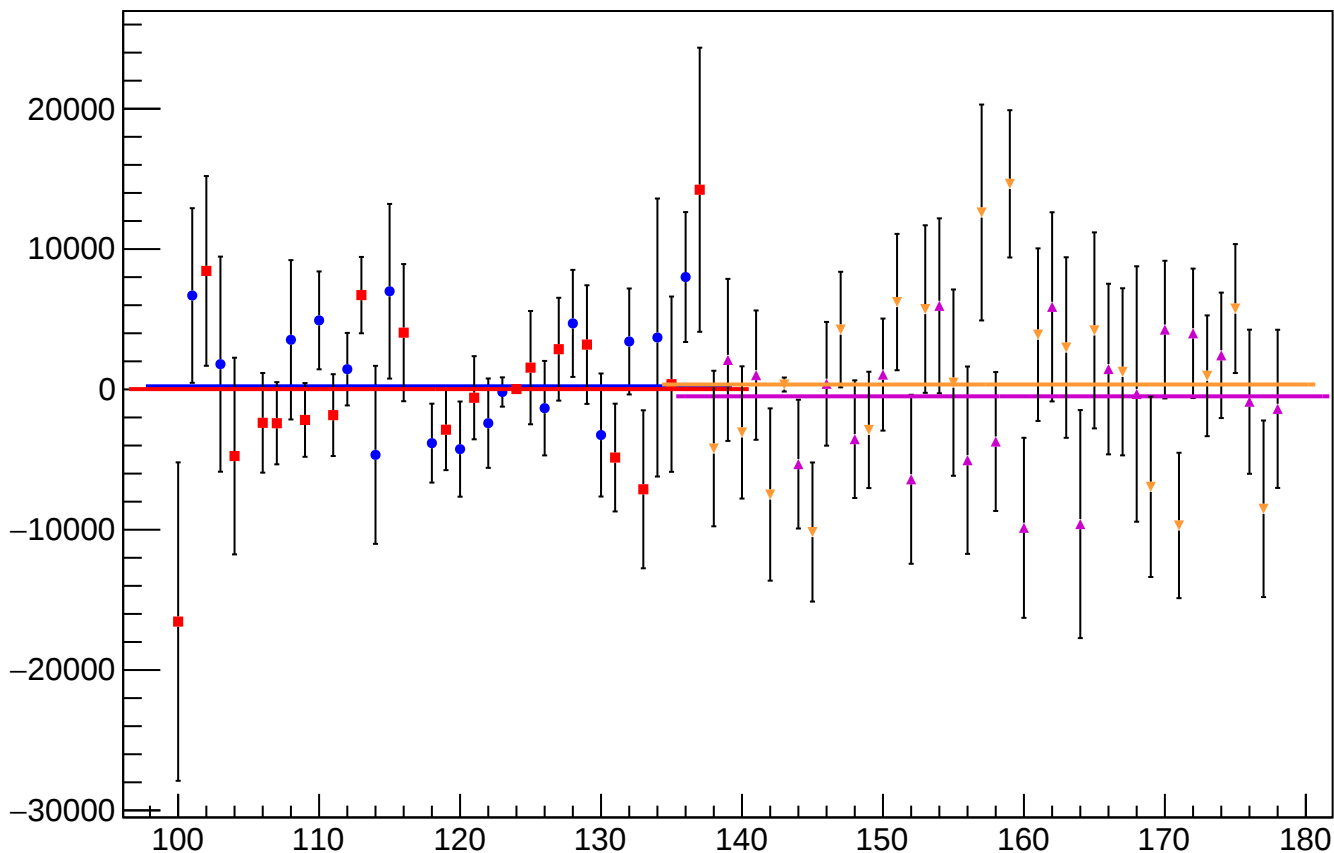
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1748.877+/-0.263 χ^2/NDF : 374660.7/36

Out: 1785.291+/-0.267 χ^2/NDF : 1041137.4/39

All: 1766.845+/-0.187 χ^2/NDF : 1425236.6/76

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 350.094 $\pm$ 460.912 χ^2 /NDF:30.4/20

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

Left In: -493.542 $\pm$ 1177.883 χ^2 /NDF:11.8/19

Left: 238.070 $\pm$ 429.221 χ^2 /NDF: 42.6/40

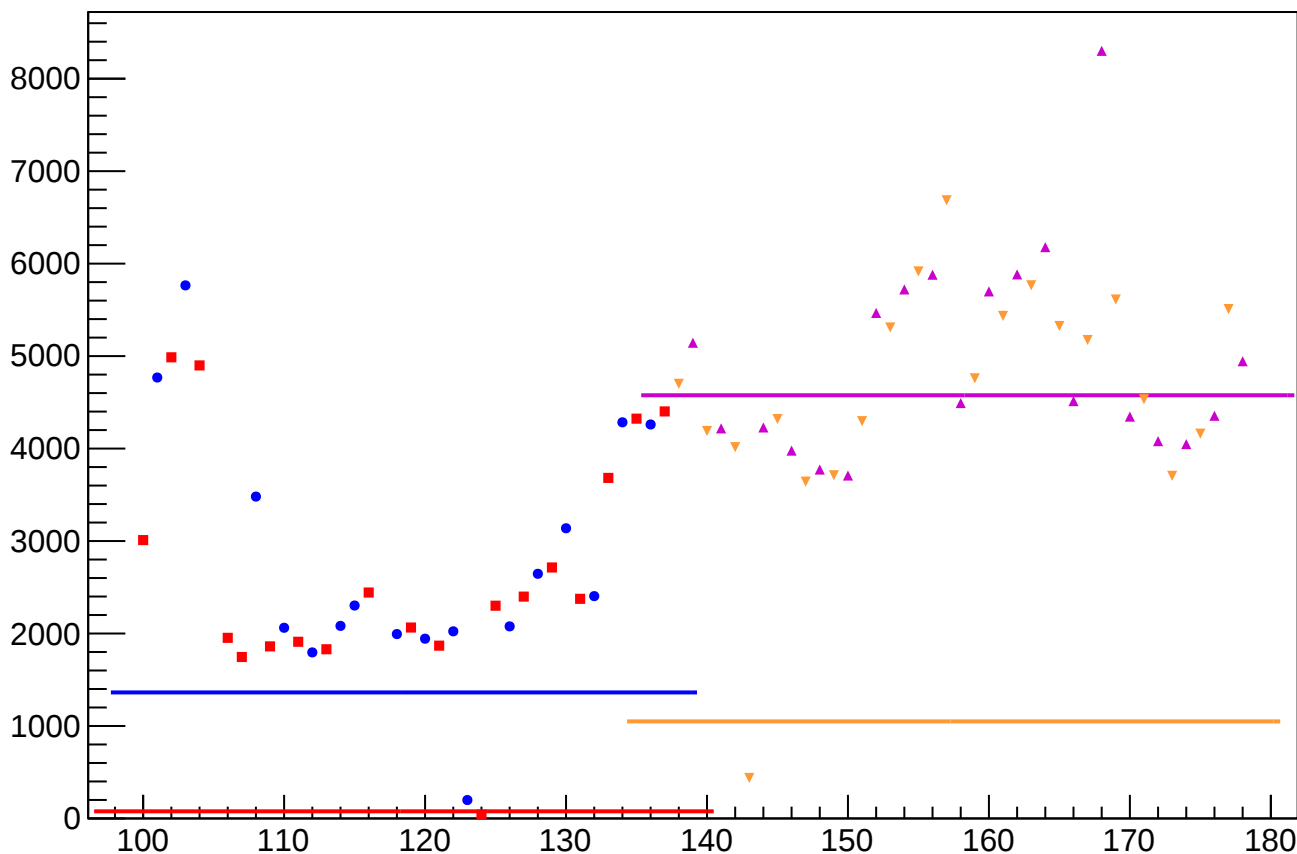
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 25.411 $\pm$ 614.889 χ^2 /NDF:27.9/36

Out: 39.323 $\pm$ 110.784 χ^2 /NDF:51.5/39

All: 38.885 $\pm$ 109.028 χ^2 /NDF: 79.4/76

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1049.860 $\pm$ 0.326 χ^2 /NDF: 21169489.5/20

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

Left In: 4576.474 $\pm$ 0.833 χ^2 /NDF: 1052886.6/19

Left: 1518.151 $\pm$ 0.304 χ^2 /NDF: 37770114.7/40

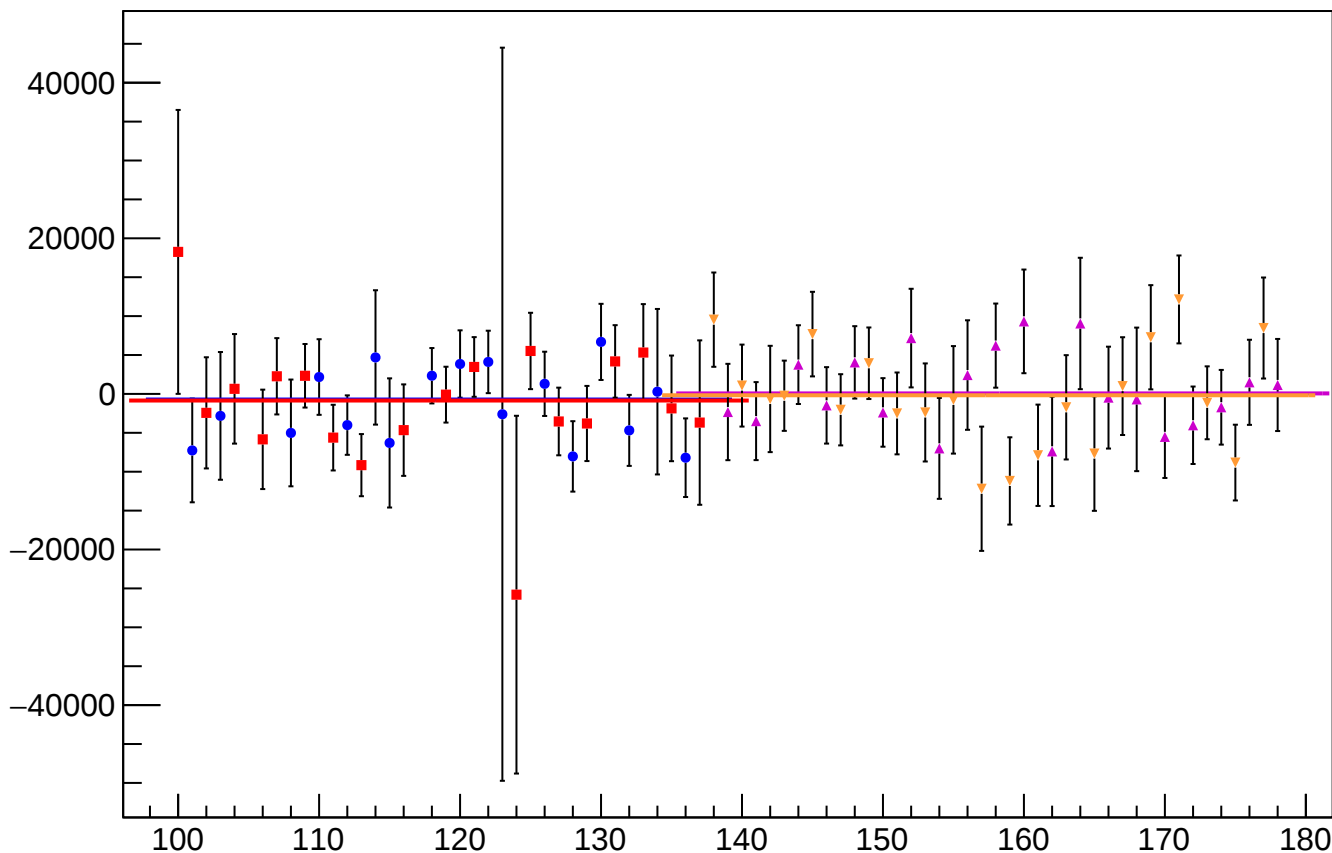
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2238.602 $\pm$ 0.435 χ^2 /NDF: 18119090.6/36

Out: 133.325 $\pm$ 0.078 χ^2 /NDF: 42810891.4/39

All: 199.516 $\pm$ 0.077 χ^2 /NDF: 83638130.3/76

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -173.559+/-1243.150 χ^2/NDF : 25.6/20

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

Left In: 64.498+/-1269.457 χ^2/NDF : 12.4/19

Left: -57.023+/-888.194 χ^2/NDF : 38.1/40

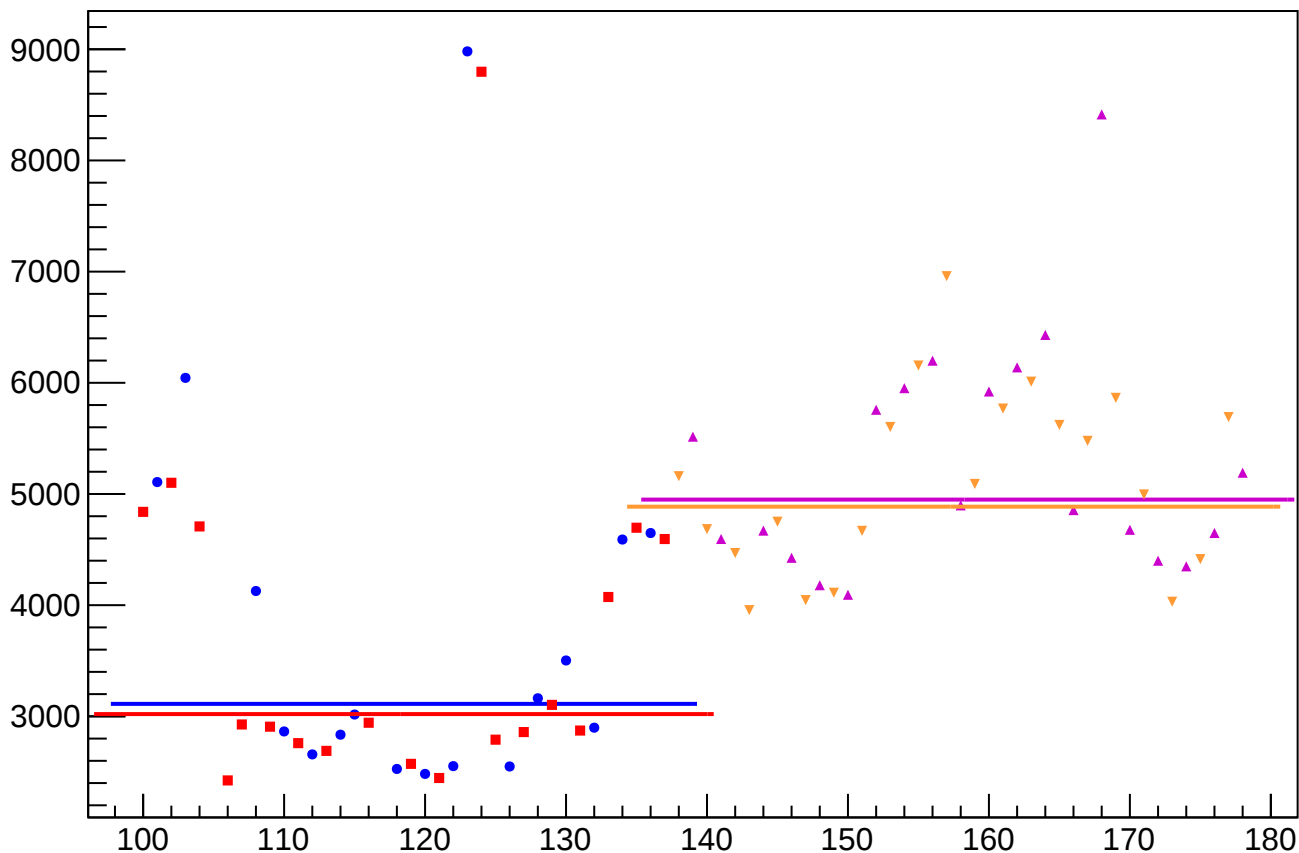
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -333.771+/-891.593 χ^2/NDF : 27.4/36

Out: -525.927+/-860.351 χ^2/NDF : 41.8/39

All: -433.274+/-619.110 χ^2/NDF : 69.2/76

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232 $\pm$ 0.886 χ^2 /NDF: 958497.7/16

Left Out: 4885.878 $\pm$ 0.879 χ^2 /NDF: 749415.2/20

Right Out: 3020.363 $\pm$ 0.832 χ^2 /NDF: 794218.3/18

Left In: 4949.517 $\pm$ 0.898 χ^2 /NDF: 843434.5/19

Left: 4917.031 $\pm$ 0.628 χ^2 /NDF: 1595415.4/40

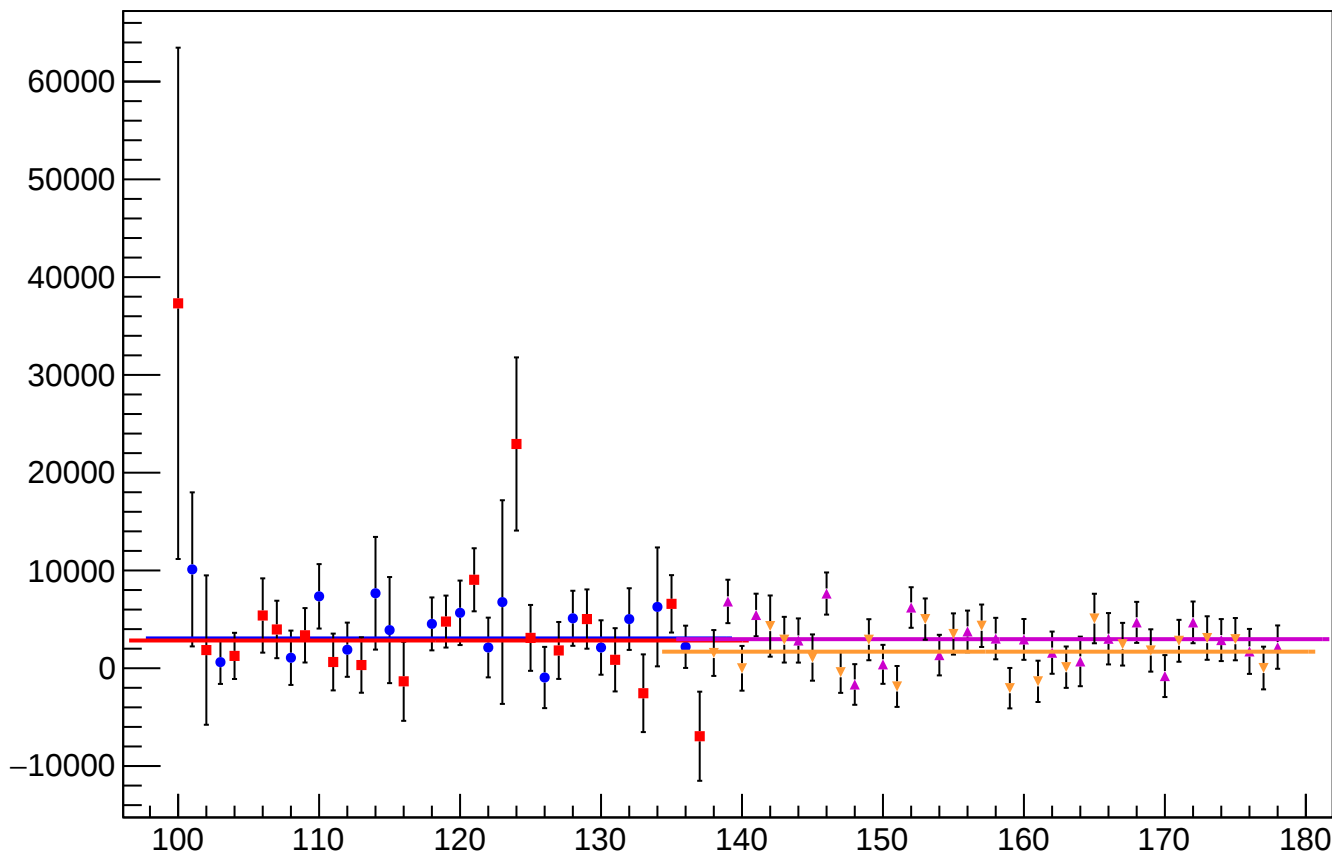
Right: 3063.446 $\pm$ 0.607 χ^2 /NDF: 1758429.8/35

In: 4018.531 $\pm$ 0.630 χ^2 /NDF: 3924754.1/36

Out: 3902.203 $\pm$ 0.604 χ^2 /NDF: 3918468.3/39

All: 3957.911 $\pm$ 0.436 χ^2 /NDF: 7860964.1/76

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1695.281 $\pm$ 483.254 χ^2 /NDF:19.9/20

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

Left In: 2973.297 $\pm$ 486.048 χ^2 /NDF:24.9/19

Left: 2330.606 $\pm$ 342.696 χ^2 /NDF: 48.3/40

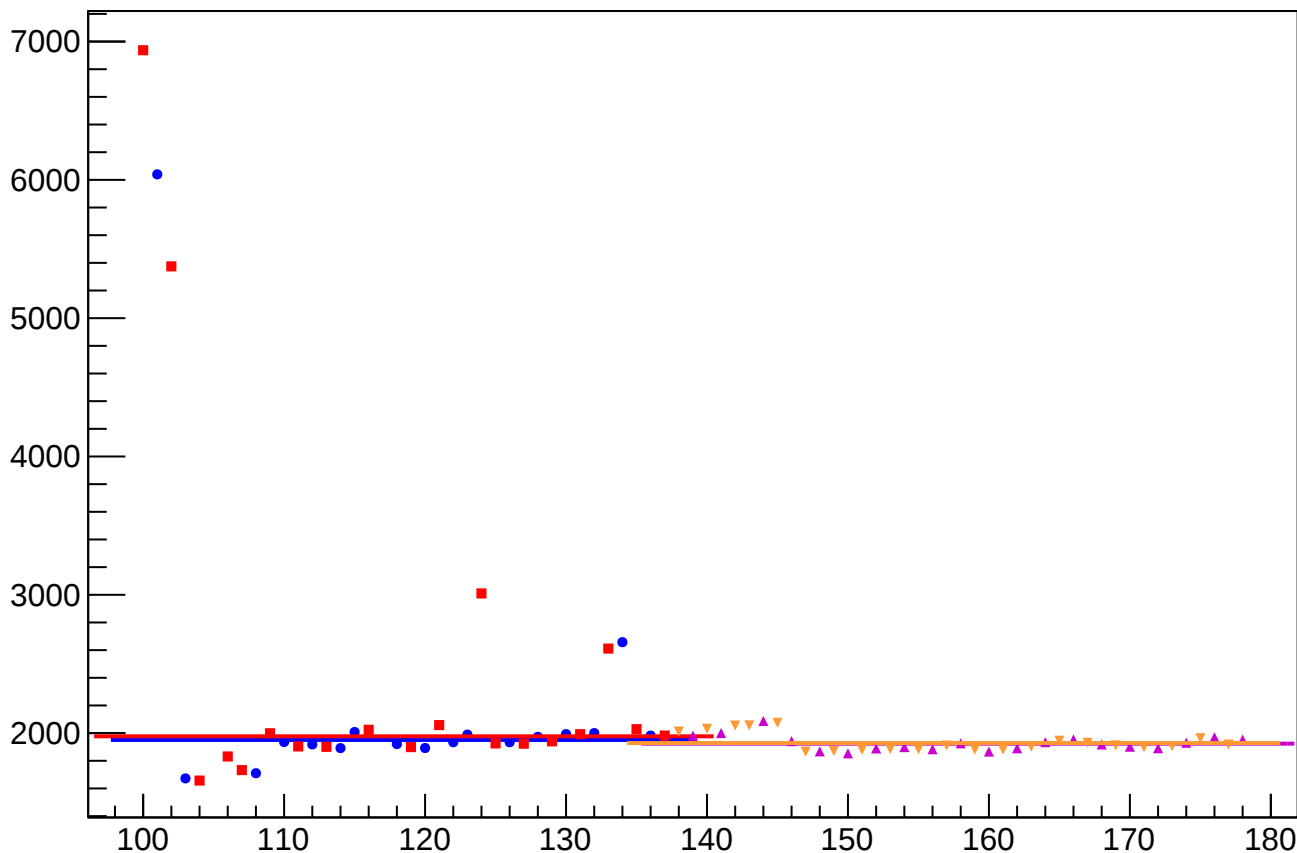
Right: 2943.024 $\pm$ 543.823 χ^2 /NDF: 33.1/35

In: 2994.798 $\pm$ 411.364 χ^2 /NDF:34.2/36

Out: 2020.887 $\pm$ 408.697 χ^2 /NDF:45.3/39

All: 2504.675 $\pm$ 289.931 χ^2 /NDF: 82.3/76

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692 $\pm$ 0.546 χ^2 /NDF: 615165.3/16

Left Out: 1928.455 $\pm$ 0.342 χ^2 /NDF: 33418.7/20

Right Out: 1976.980 $\pm$ 0.541 χ^2 /NDF: 607706.4/18

Left In: 1923.868 $\pm$ 0.344 χ^2 /NDF: 24145.4/19

Left: 1926.175 $\pm$ 0.242 χ^2 /NDF: 57653.6/40

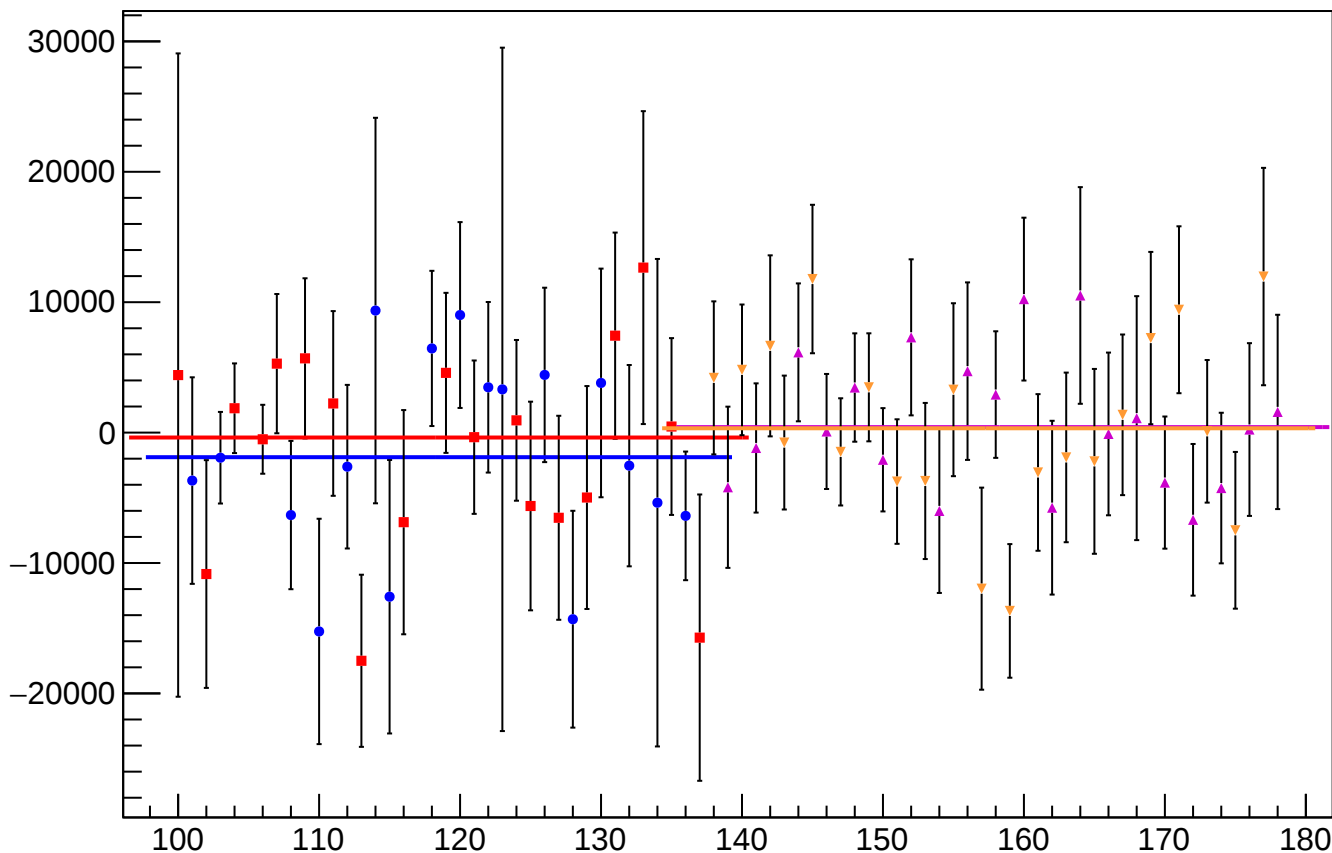
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

In: 1931.478 $\pm$ 0.291 χ^2 /NDF: 641038.7/36

Out: 1942.285 $\pm$ 0.289 χ^2 /NDF: 646872.3/39

All: 1936.918 $\pm$ 0.205 χ^2 /NDF: 1288605.9/76

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 331.441 $\pm$ 1244.514 χ^2 /NDF:25.6/20

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

Left In: 421.467 $\pm$ 1257.778 χ^2 /NDF:13.5/19

Left: 375.977 $\pm$ 884.656 χ^2 /NDF: 39.2/40

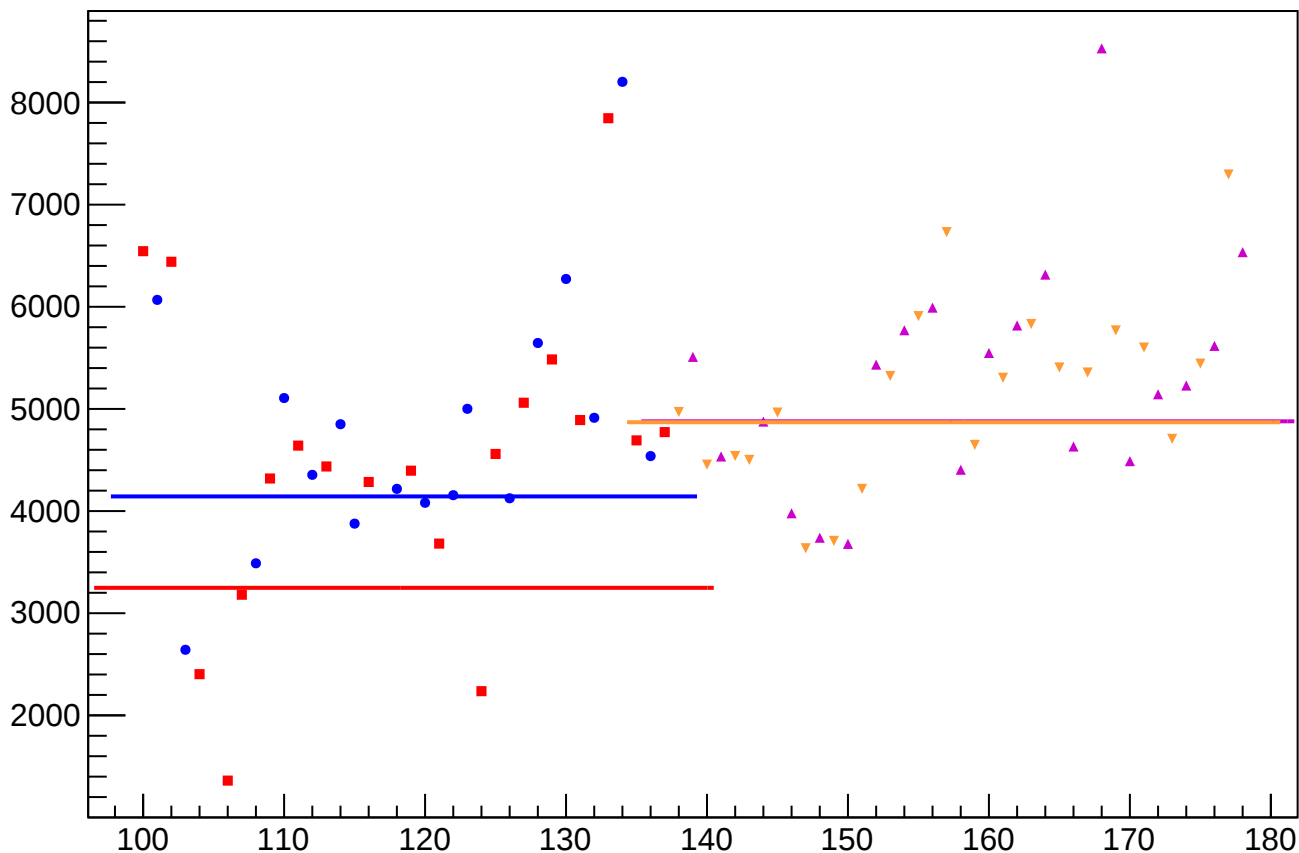
Right: -983.372 $\pm$ 1051.324 χ^2 /NDF: 32.2/35

In: -421.150 $\pm$ 1002.060 χ^2 /NDF:28.9/36

Out: 8.536 $\pm$ 918.004 χ^2 /NDF:43.4/39

All: -187.533 $\pm$ 676.896 χ^2 /NDF: 72.4/76

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4869.867+/-0.880 χ^2/NDF : 915016.9/20

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

Left In: 4878.667+/-0.889 χ^2/NDF : 1155188.2/19

Left: 4874.220+/-0.626 χ^2/NDF : 2070254.6/40

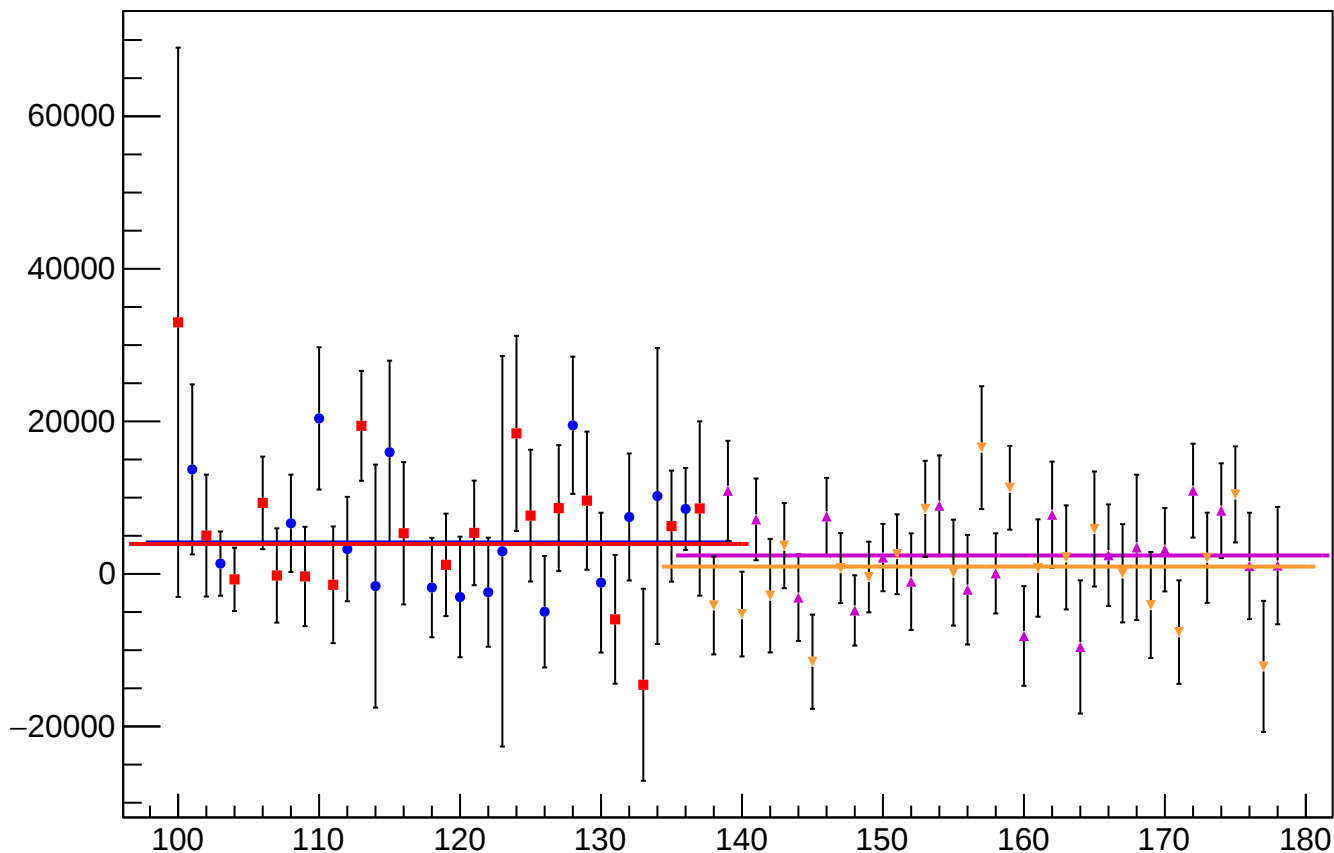
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4610.115+/-0.709 χ^2/NDF : 2260763.6/36

Out: 4130.768+/-0.649 χ^2/NDF : 5080104.6/39

All: 4349.497+/-0.479 χ^2/NDF : 7589694.2/76

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632+/-1863.062 χ^2/NDF : 13.7/16

Left Out: 961.106+/-1341.475 χ^2/NDF : 22.6/20

Right Out: 3933.351+/-1725.500 χ^2/NDF : 14.9/18

Left In: 2416.601+/-1355.479 χ^2/NDF : 16.7/19

Left: 1681.296+/-953.478 χ^2/NDF : 39.9/40

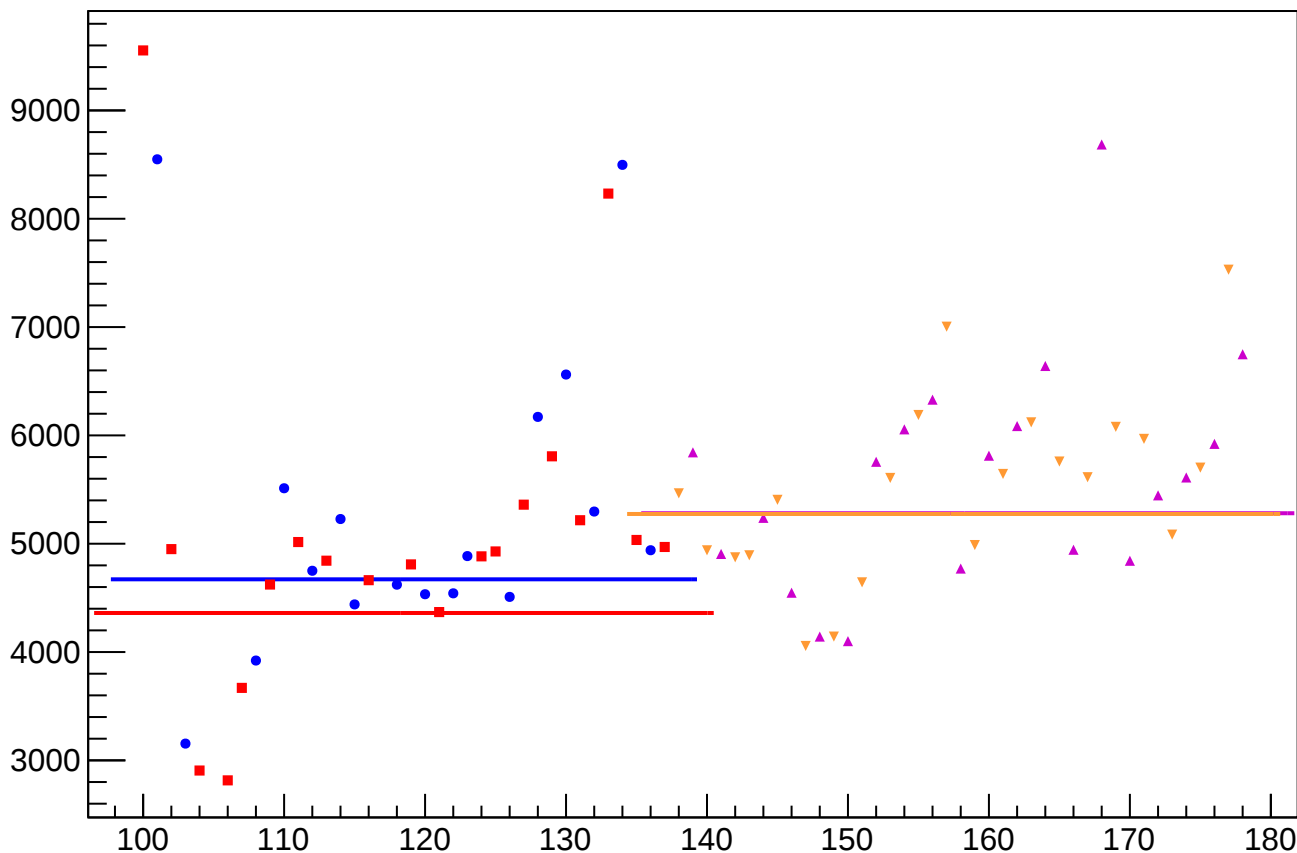
Right: 4022.593+/-1265.954 χ^2/NDF : 28.6/35

In: 3008.479+/-1096.078 χ^2/NDF : 31.0/36

Out: 2080.810+/-1059.069 χ^2/NDF : 39.4/39

All: 2528.719+/-761.622 χ^2/NDF : 70.7/76

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319+/-1.317 χ^2/NDF : 786112.0/16

Left Out: 5274.625+/-0.949 χ^2/NDF : 700334.7/20

Right Out: 4360.531+/-1.213 χ^2/NDF : 834123.3/18

Left In: 5281.373+/-0.958 χ^2/NDF : 891219.6/19

Left: 5277.964+/-0.674 χ^2/NDF : 1591579.3/40

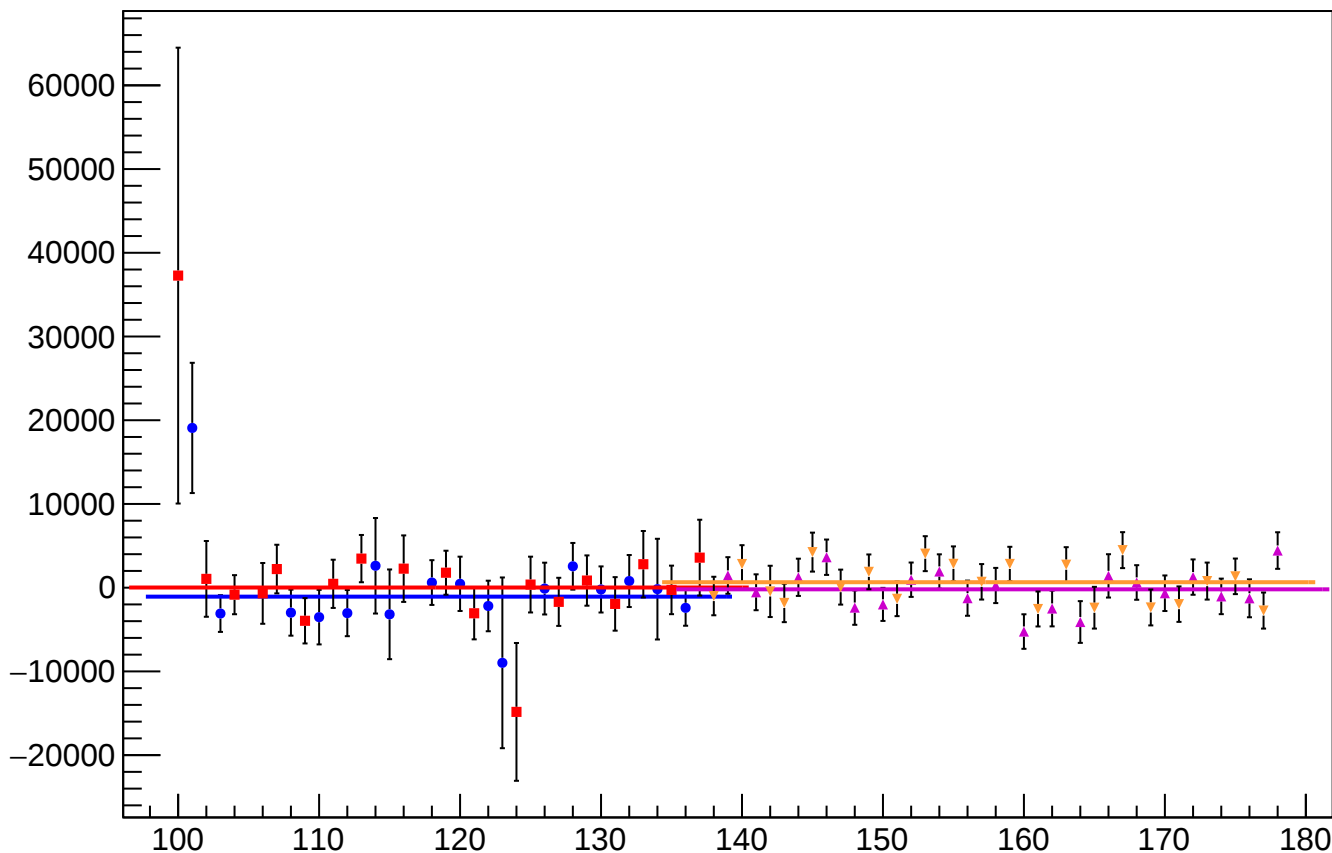
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 5070.221+/-0.775 χ^2/NDF : 1817551.3/36

Out: 4927.778+/-0.747 χ^2/NDF : 1886824.3/39

All: 4996.398+/-0.538 χ^2/NDF : 3721881.2/76

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 653.300 ± 476.619 χ^2/NDF : 25.5/20

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

Left In: -197.699 ± 479.666 χ^2/NDF : 23.5/19

Left: 230.512 ± 338.093 χ^2/NDF : 50.6/40

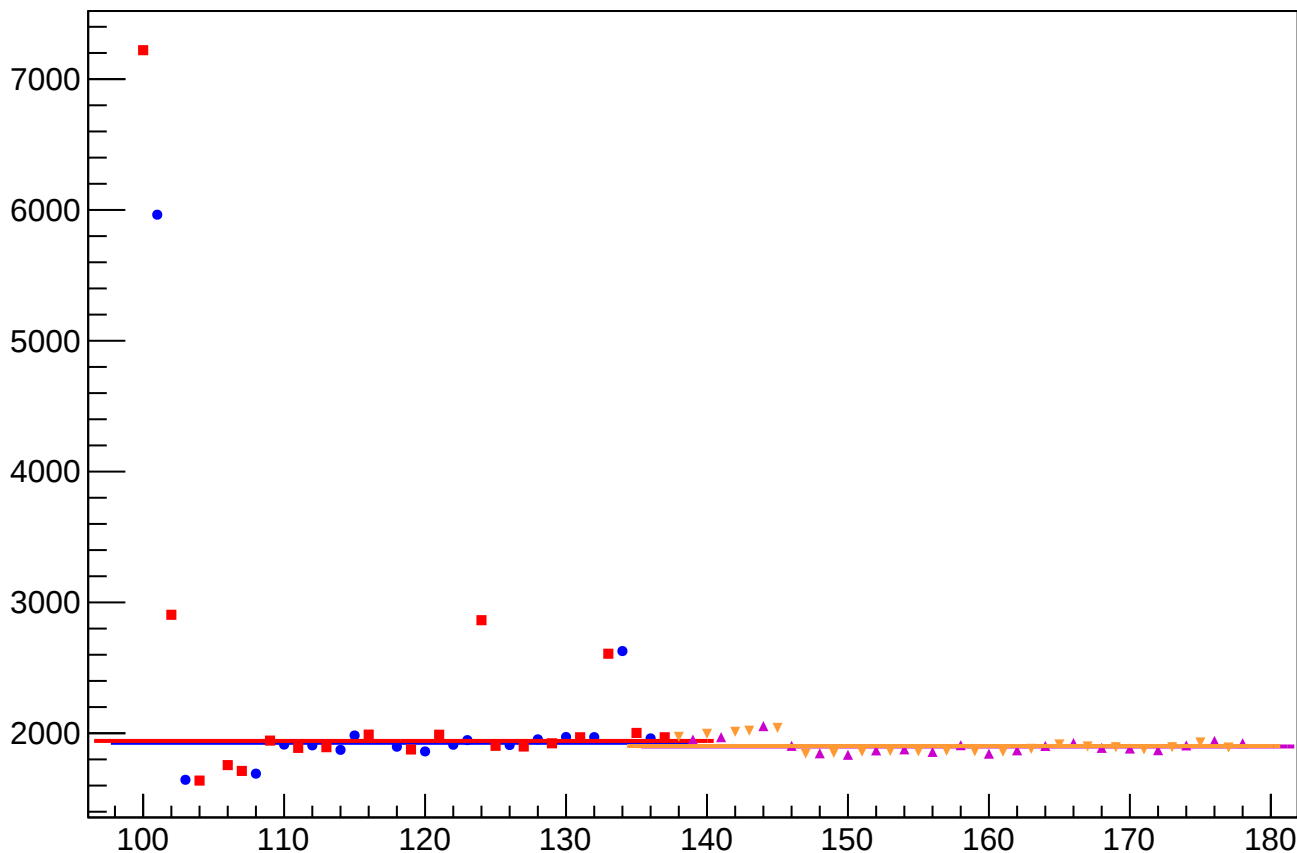
Right: -515.074 ± 534.061 χ^2/NDF : 28.0/35

In: -445.158 ± 406.082 χ^2/NDF : 38.1/36

Out: 470.132 ± 401.925 χ^2/NDF : 39.3/39

All: 17.197 ± 285.662 χ^2/NDF : 80.0/76

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890+/-0.540 χ^2/NDF : 617116.3/16

Left Out: 1902.183+/-0.337 χ^2/NDF : 28580.8/20

Right Out: 1941.261+/-0.528 χ^2/NDF : 304367.3/18

Left In: 1898.726+/-0.339 χ^2/NDF : 21583.9/19

Left: 1900.466+/-0.239 χ^2/NDF : 50216.9/40

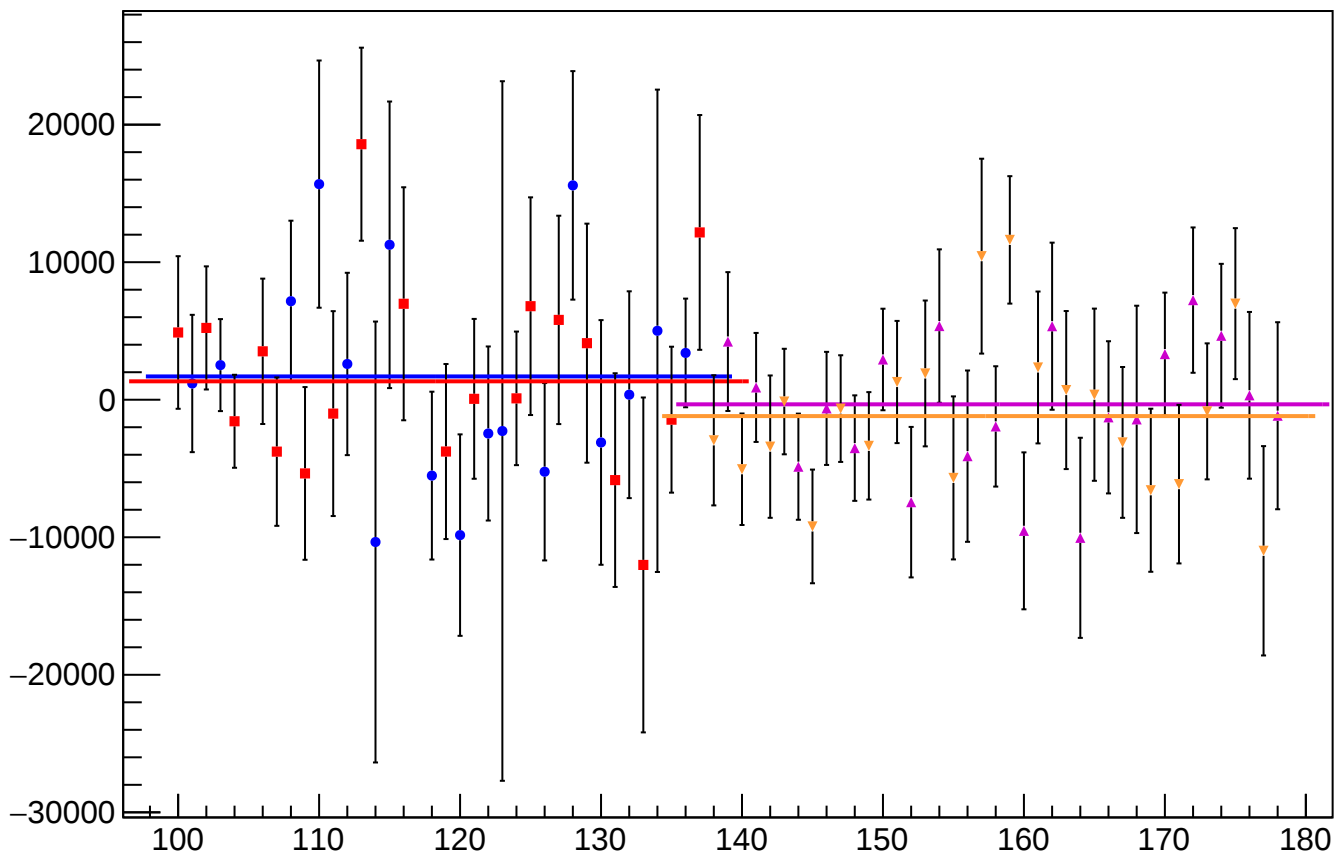
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1906.705+/-0.287 χ^2/NDF : 640653.4/36

Out: 1913.483+/-0.284 χ^2/NDF : 336836.1/39

All: 1910.130+/-0.202 χ^2/NDF : 977771.1/76

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966+/-1551.941 χ^2/NDF : 13.6/16

Left Out: -1190.229+/-1081.872 χ^2/NDF : 23.1/20

Right Out: 1338.172+/-1369.005 χ^2/NDF : 16.3/18

Left In: -334.213+/-1111.468 χ^2/NDF : 16.0/19

Left: -773.769+/-775.251 χ^2/NDF : 39.4/40

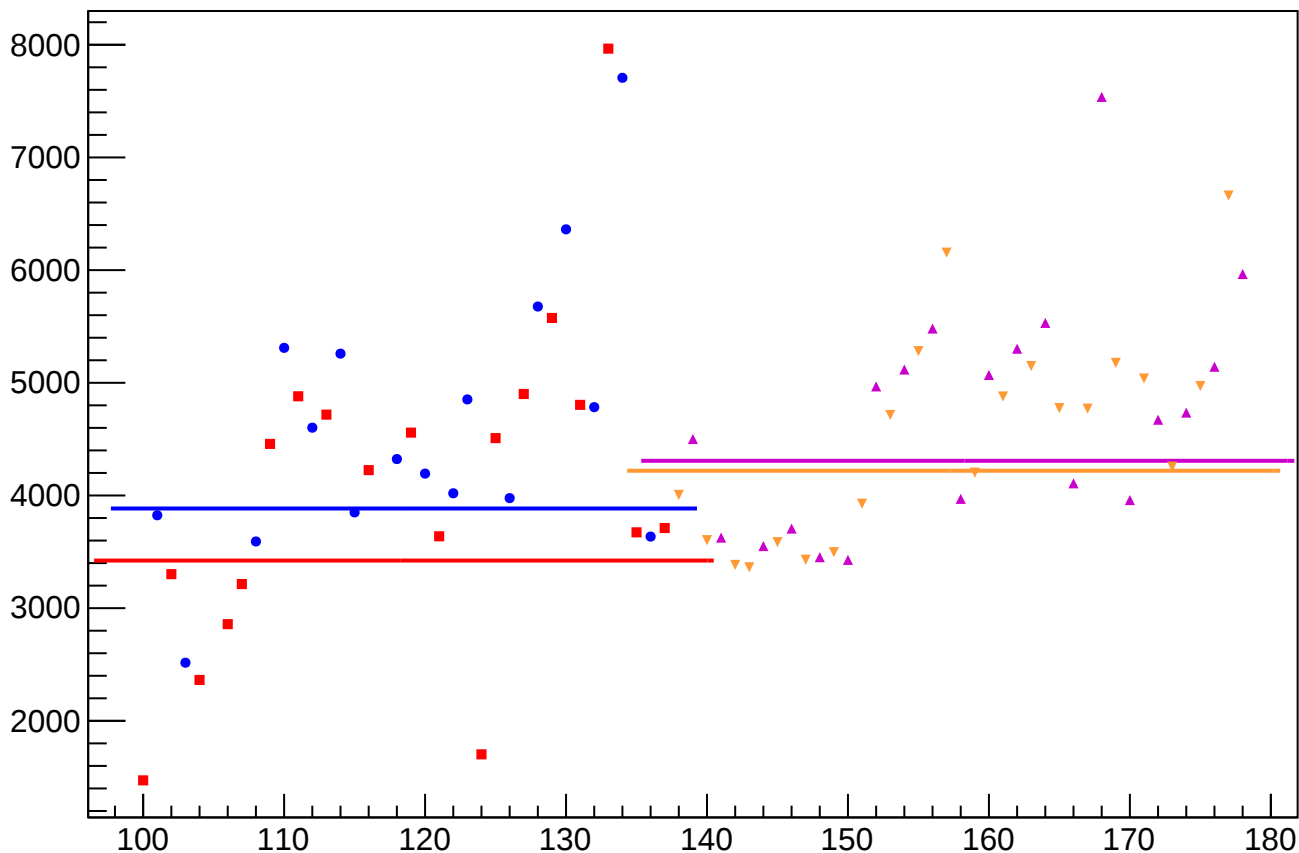
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 353.387+/-903.629 χ^2/NDF : 30.7/36

Out: -218.232+/-848.818 χ^2/NDF : 41.5/39

All: 49.716+/-618.675 χ^2/NDF : 72.4/76

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603 $\pm$ 1.097 χ^2 /NDF: 826563.8/16

Left Out: 4219.681 $\pm$ 0.765 χ^2 /NDF: 1093166.1/20

Right Out: 3422.628 $\pm$ 0.968 χ^2 /NDF: 1590296.5/18

Left In: 4307.733 $\pm$ 0.786 χ^2 /NDF: 1194688.2/19

Left: 4262.519 $\pm$ 0.548 χ^2 /NDF: 2294299.8/40

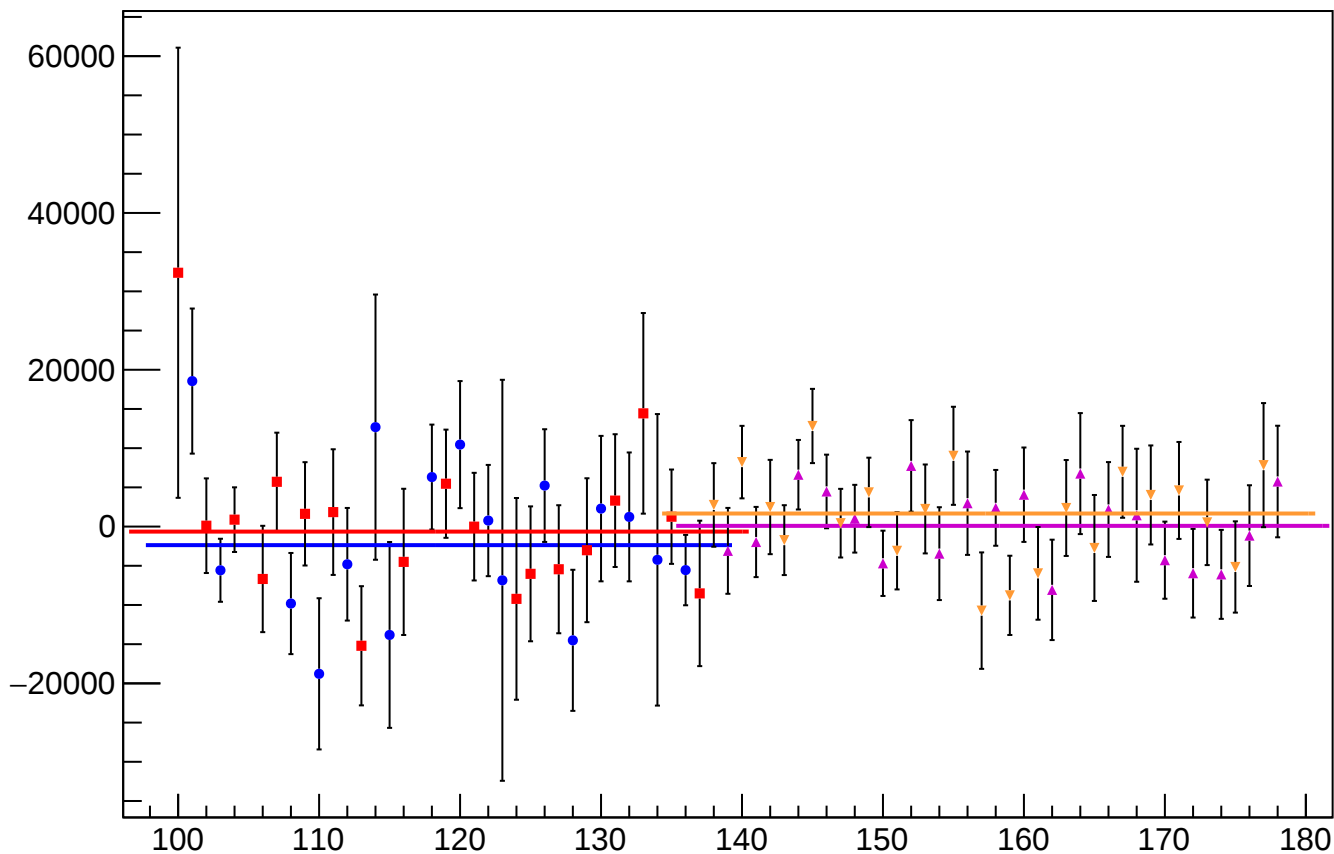
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 4164.282 $\pm$ 0.639 χ^2 /NDF: 2119520.4/36

Out: 3913.269 $\pm$ 0.600 χ^2 /NDF: 3100783.7/39

All: 4030.932 $\pm$ 0.437 χ^2 /NDF: 5302290.0/76

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1665.620 $\pm$ 1195.478 χ^2 /NDF:23.4/20

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

Left In: 91.720 $\pm$ 1219.806 χ^2 /NDF:14.2/19

Left: 894.522 $\pm$ 853.802 χ^2 /NDF: 38.4/40

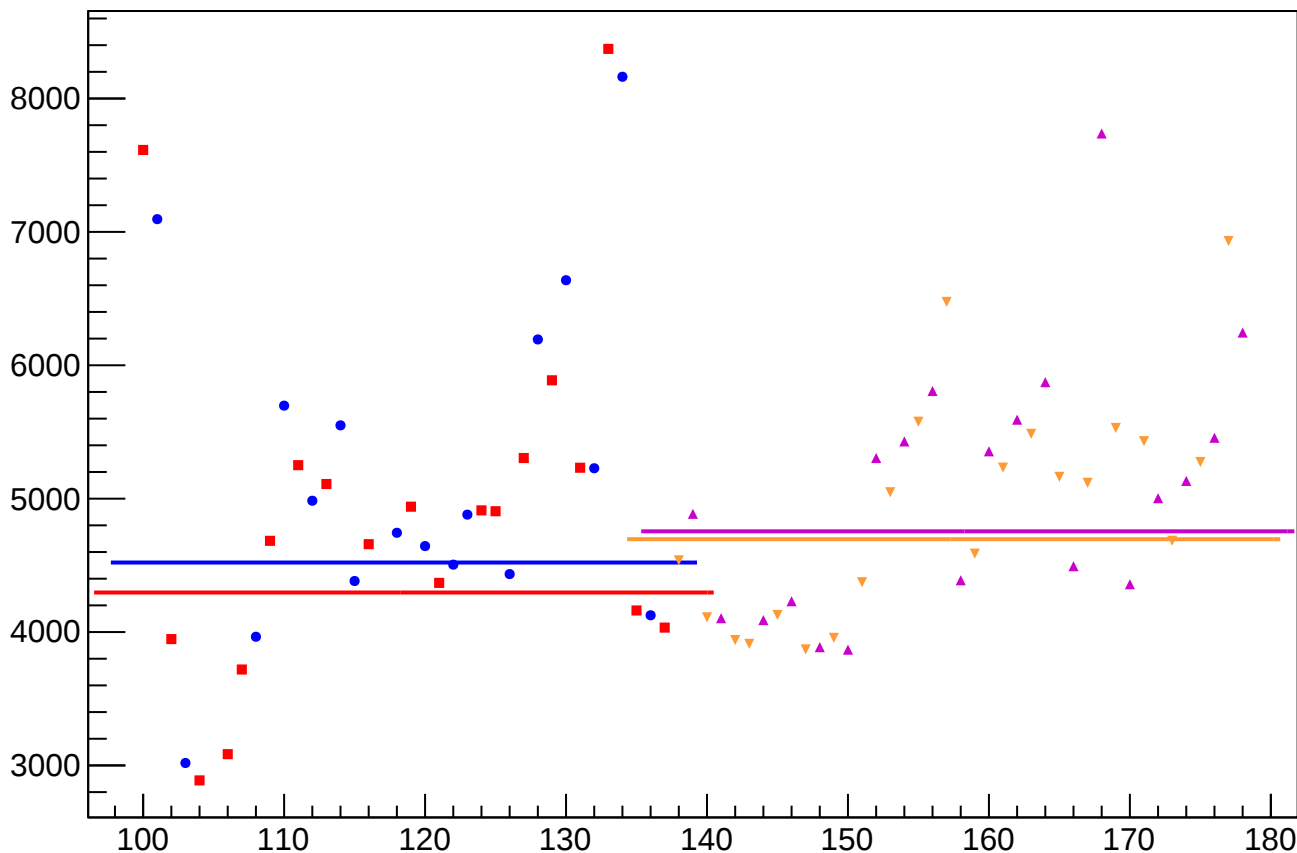
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -681.086 $\pm$ 1010.125 χ^2 /NDF:35.6/36

Out: 896.474 $\pm$ 976.008 χ^2 /NDF:36.4/39

All: 134.784 $\pm$ 701.894 χ^2 /NDF: 73.3/76

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4696.223+/-0.845 χ^2/NDF : 767285.5/20

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

Left In: 4755.268+/-0.863 χ^2/NDF : 875661.7/19

Left: 4725.151+/-0.604 χ^2/NDF : 1645337.4/40

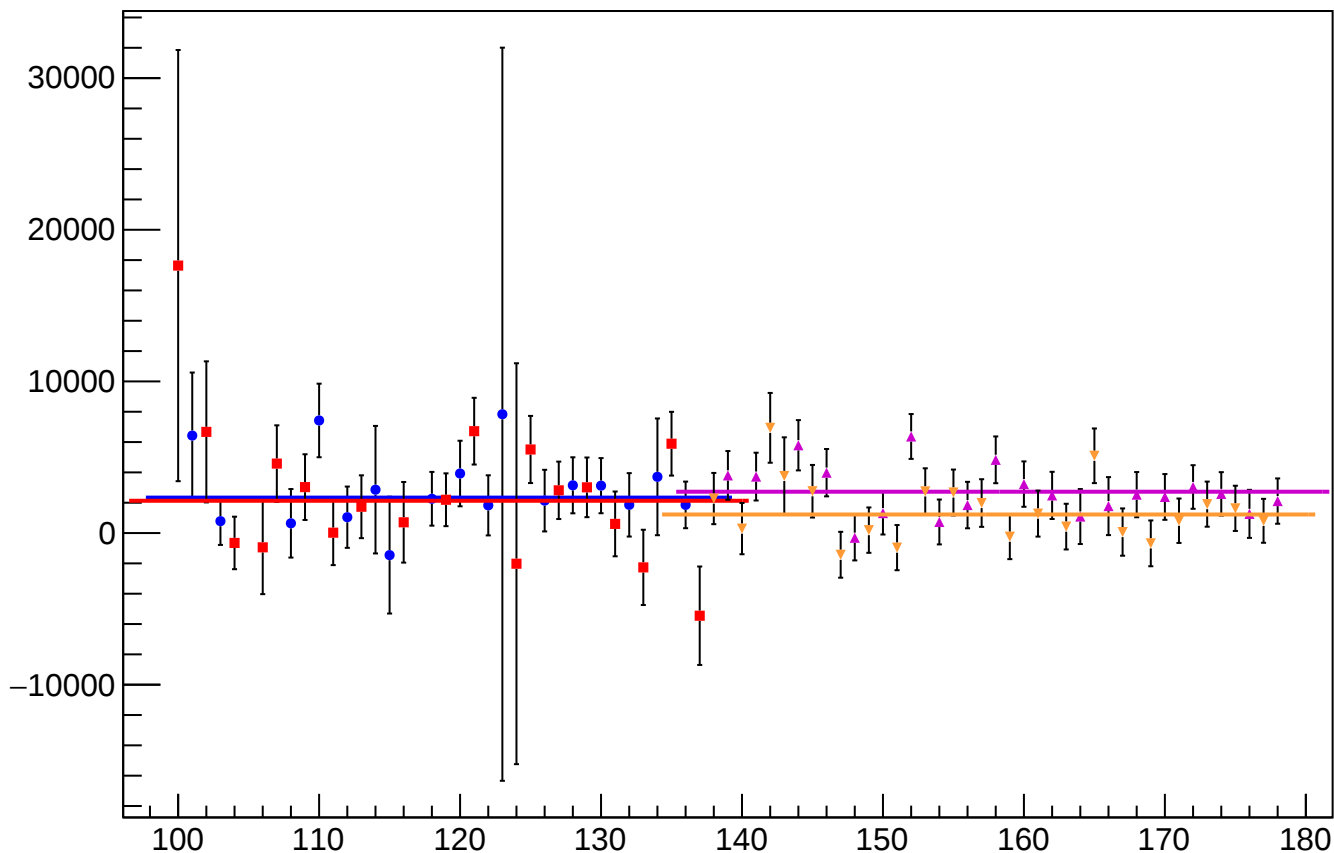
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4681.723+/-0.714 χ^2/NDF : 1677472.8/36

Out: 4561.934+/-0.689 χ^2/NDF : 1615617.8/39

All: 4619.660+/-0.496 χ^2/NDF : 3307662.8/76

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: 1223.858 $\pm$ 346.694 χ^2 /NDF:25.0/20

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

Left In: 2725.233 $\pm$ 344.647 χ^2 /NDF:22.5/19

Left: 1978.992 $\pm$ 244.423 χ^2 /NDF: 56.8/40

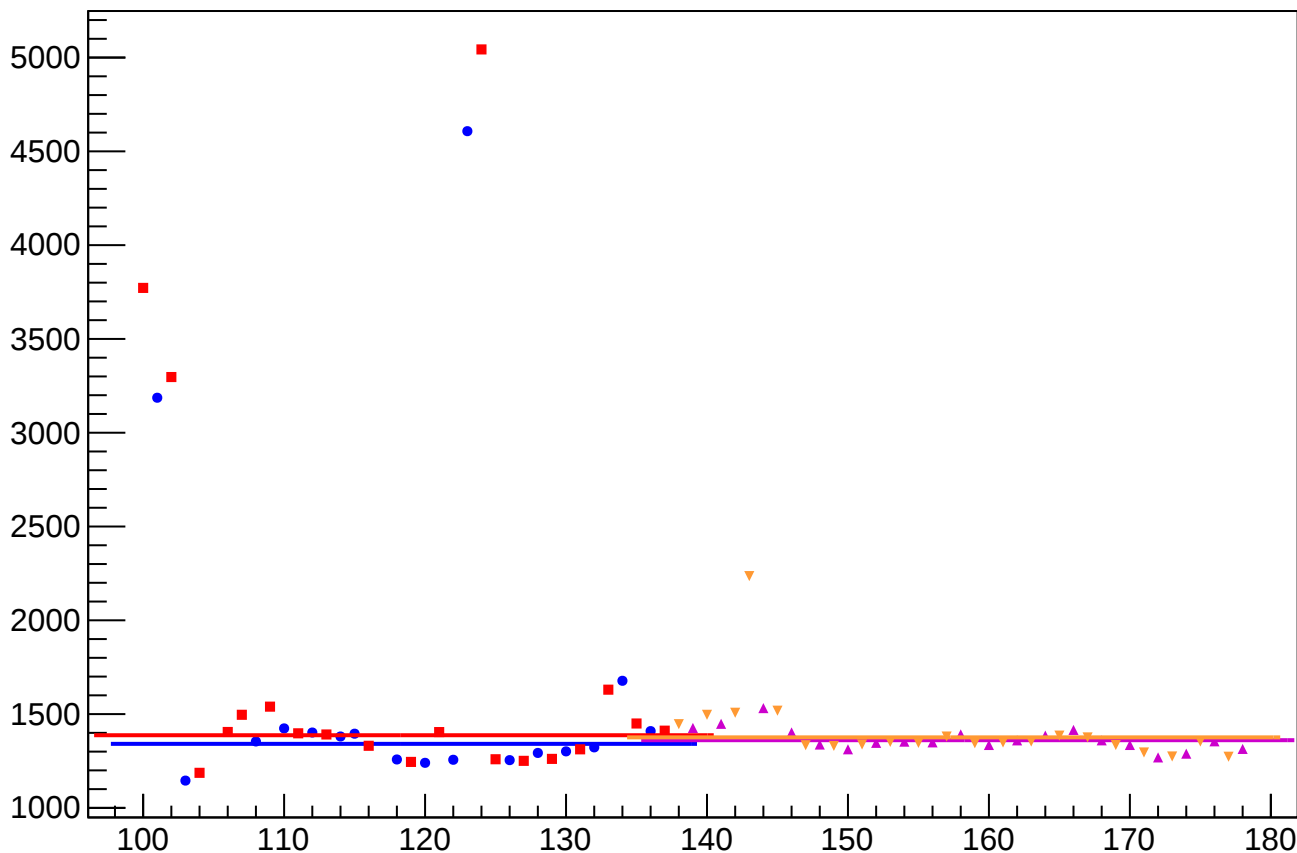
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2610.192 $\pm$ 289.113 χ^2 /NDF:32.5/36

Out: 1488.728 $\pm$ 291.619 χ^2 /NDF:54.5/39

All: 2054.299 $\pm$ 205.314 χ^2 /NDF: 94.4/76

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374 $\pm$ 0.376 χ^2 /NDF: 504272.1/16

Left Out: 1375.956 $\pm$ 0.245 χ^2 /NDF: 296557.4/20

Right Out: 1387.348 $\pm$ 0.381 χ^2 /NDF: 650193.3/18

Left In: 1360.892 $\pm$ 0.244 χ^2 /NDF: 54456.6/19

Left: 1368.379 $\pm$ 0.173 χ^2 /NDF: 352913.2/40

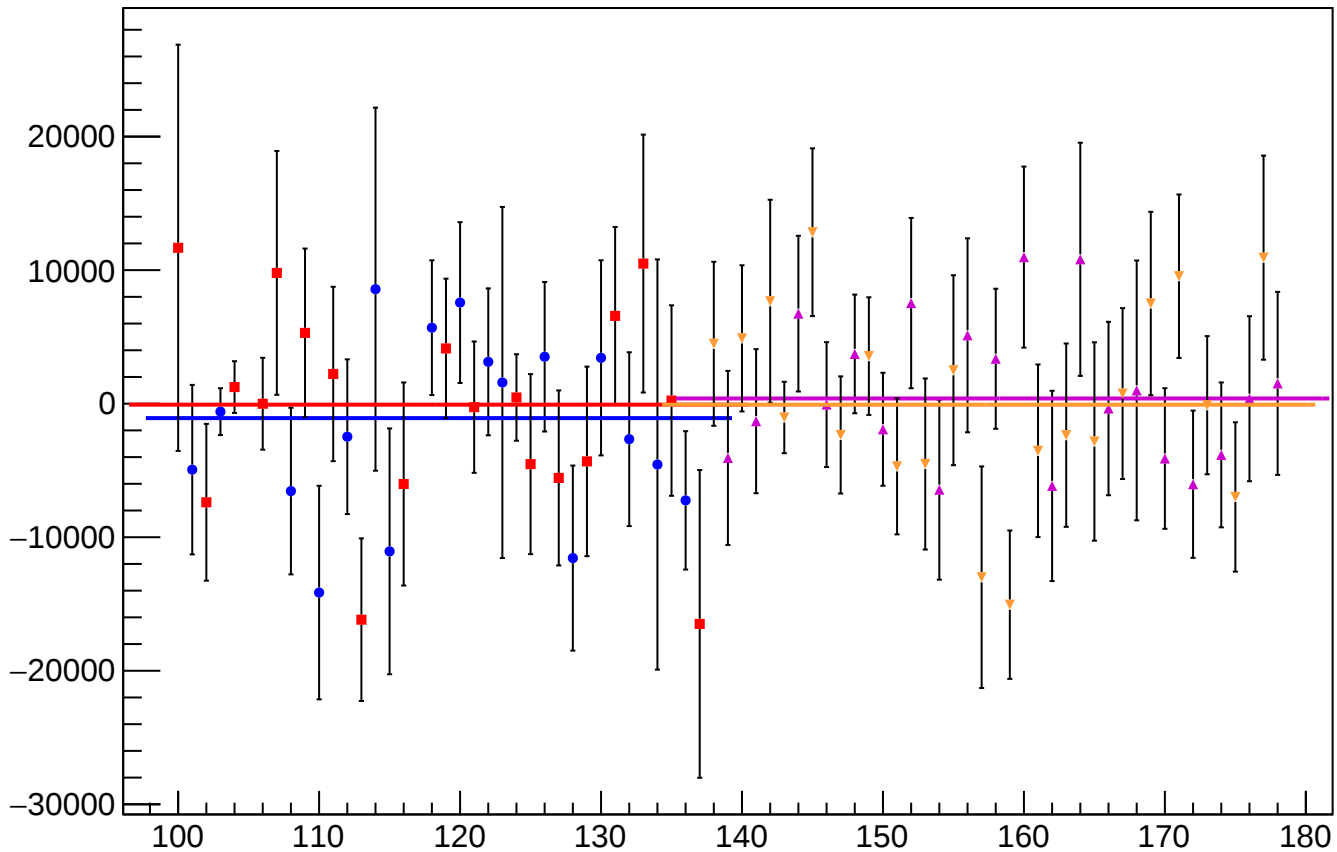
Right: 1364.024 $\pm$ 0.268 χ^2 /NDF: 1161848.1/35

In: 1355.109 $\pm$ 0.204 χ^2 /NDF: 560629.3/36

Out: 1379.290 $\pm$ 0.206 χ^2 /NDF: 947382.7/39

All: 1367.097 $\pm$ 0.145 χ^2 /NDF: 1514948.3/76

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: -77.334 $\pm$ 1197.260 χ^2 /NDF:26.7/20

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

Left In: 388.999 $\pm$ 1312.061 χ^2 /NDF:13.1/19

Left: 134.543 $\pm$ 884.397 χ^2 /NDF: 39.9/40

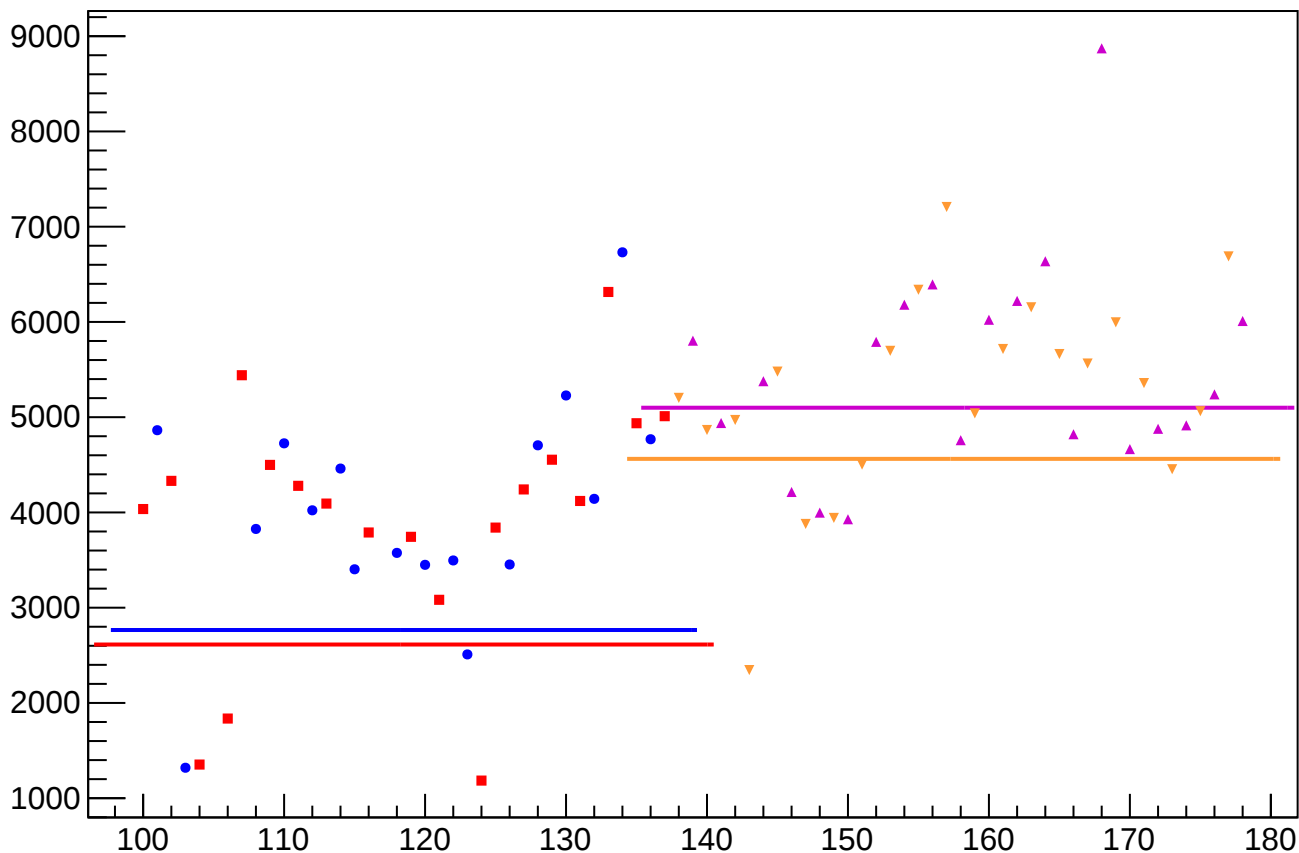
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -403.975 $\pm$ 890.440 χ^2 /NDF:28.8/36

Out: -75.612 $\pm$ 820.323 χ^2 /NDF:45.3/39

All: -226.358 $\pm$ 603.323 χ^2 /NDF: 74.1/76

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736+/-0.857 χ^2/NDF : 2939083.2/16

Left Out: 4562.468+/-0.847 χ^2/NDF : 2501290.6/20

Right Out: 2613.368+/-0.796 χ^2/NDF : 3339918.9/18

Left In: 5099.390+/-0.928 χ^2/NDF : 1033254.7/19

Left: 4806.416+/-0.625 χ^2/NDF : 3717296.6/40

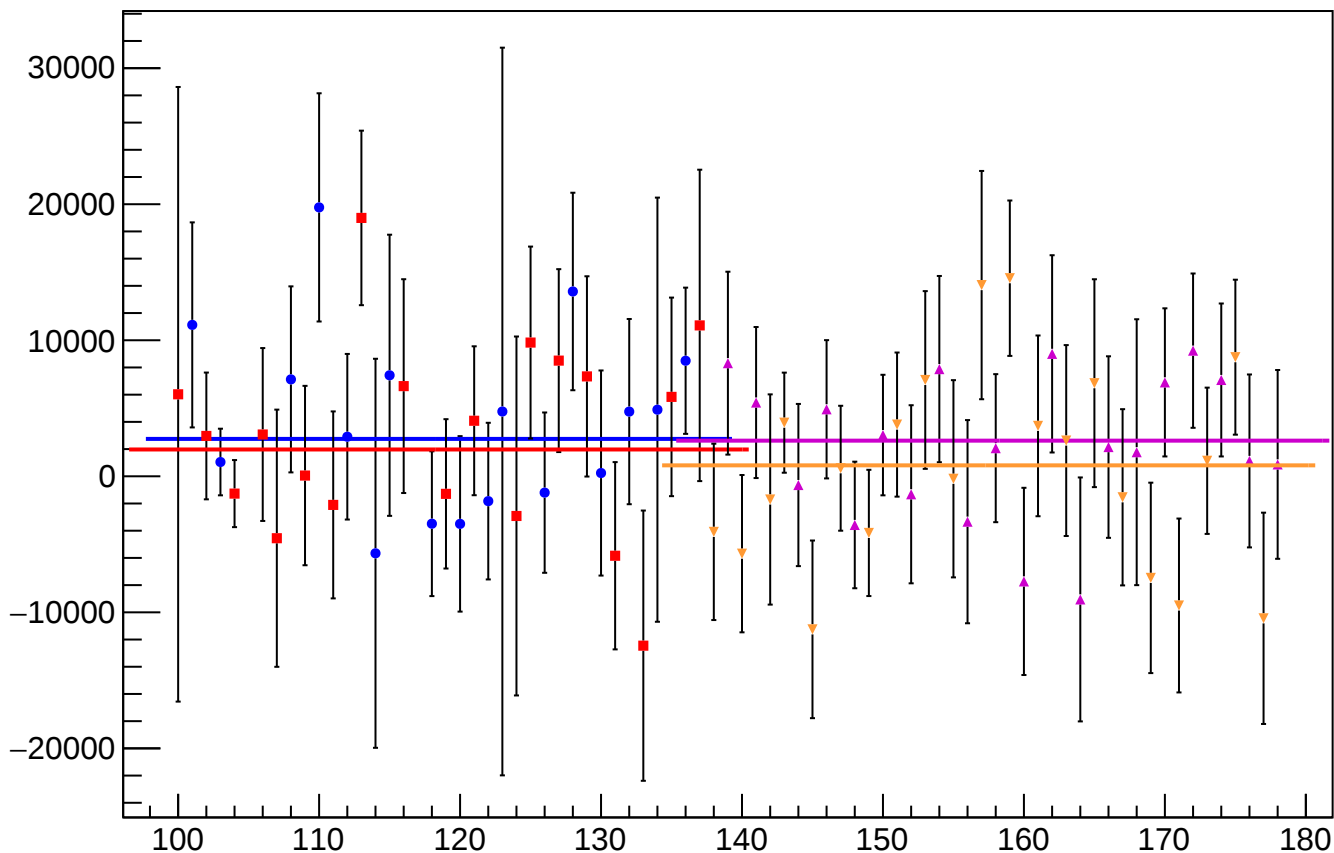
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3840.561+/-0.630 χ^2/NDF : 7385246.7/36

Out: 3528.379+/-0.580 χ^2/NDF : 8653402.3/39

All: 3671.696+/-0.427 χ^2/NDF : 16171622.8/74

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: 804.324+/-1295.873 χ^2/NDF : 25.8/20

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

Left In: 2620.108+/-1357.749 χ^2/NDF : 12.3/19

Left: 1669.899+/-937.432 χ^2/NDF : 39.1/40

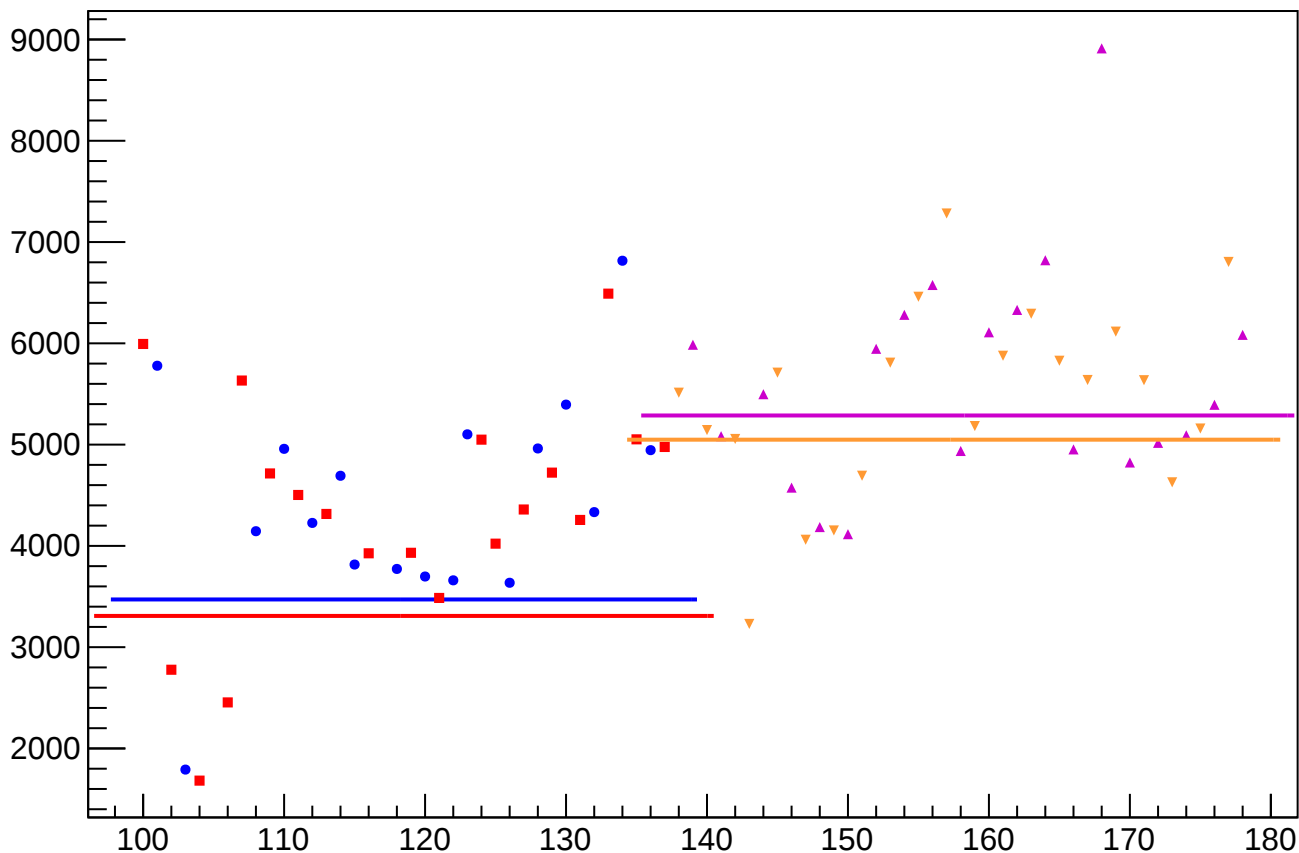
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2680.135+/-990.007 χ^2/NDF : 26.1/36

Out: 1350.373+/-945.210 χ^2/NDF : 44.0/39

All: 1984.489+/-683.653 χ^2/NDF : 71.1/76

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023 χ^2/NDF : 1767892.8/16

Left Out: 5048.709+/-0.916 χ^2/NDF : 1252086.9/20

Right Out: 3308.555+/-0.968 χ^2/NDF : 1914383.5/18

Left In: 5287.656+/-0.960 χ^2/NDF : 905213.0/19

Left: 5162.614+/-0.663 χ^2/NDF : 2189715.1/40

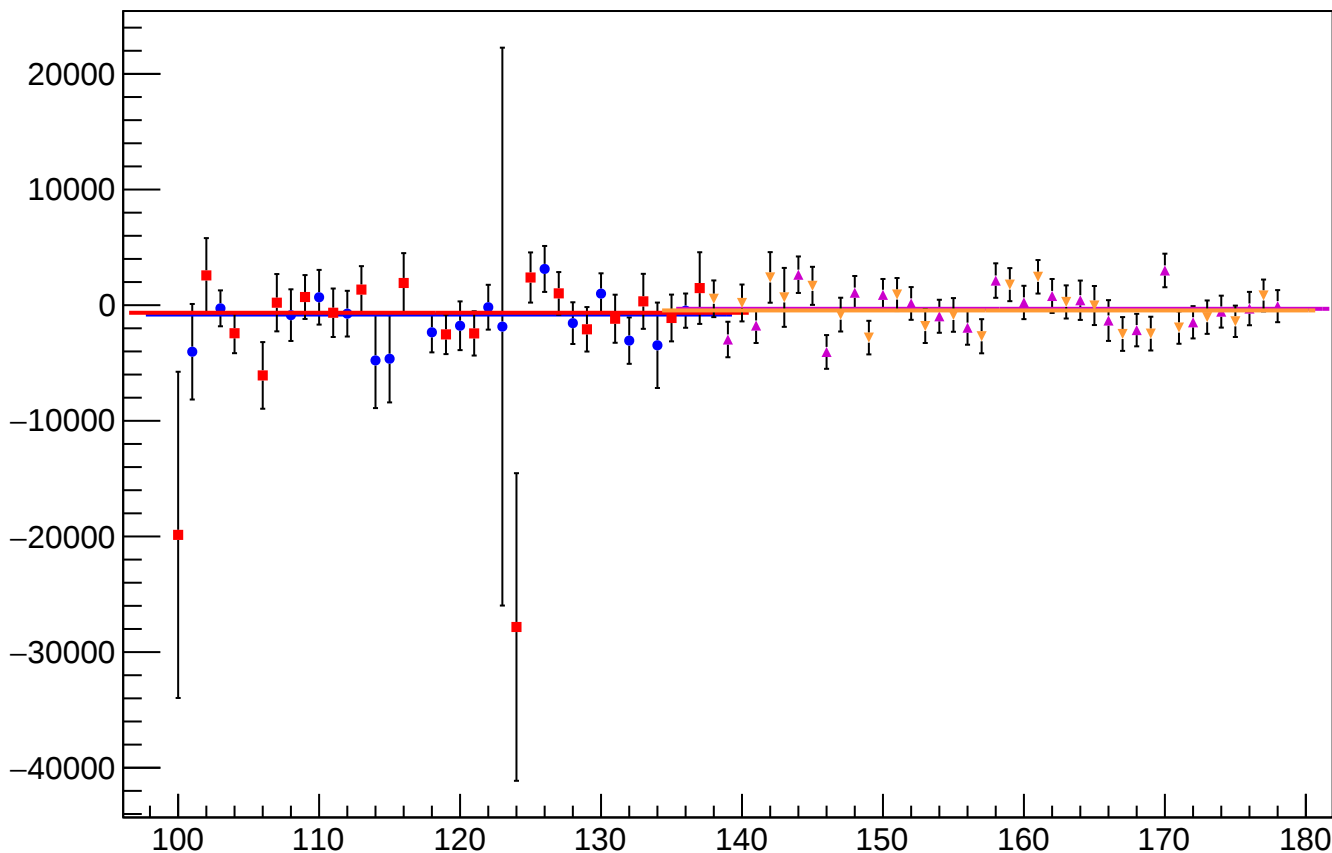
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4436.902+/-0.700 χ^2/NDF : 4349711.7/36

Out: 4226.400+/-0.665 χ^2/NDF : 4870697.7/39

All: 4326.329+/-0.482 χ^2/NDF : 9267906.5/76

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: -454.325+/-330.518 χ^2/NDF : 24.2/20

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

Left In: -313.203+/-328.316 χ^2/NDF : 28.8/19

Left: -383.292+/-232.929 χ^2/NDF : 53.1/40

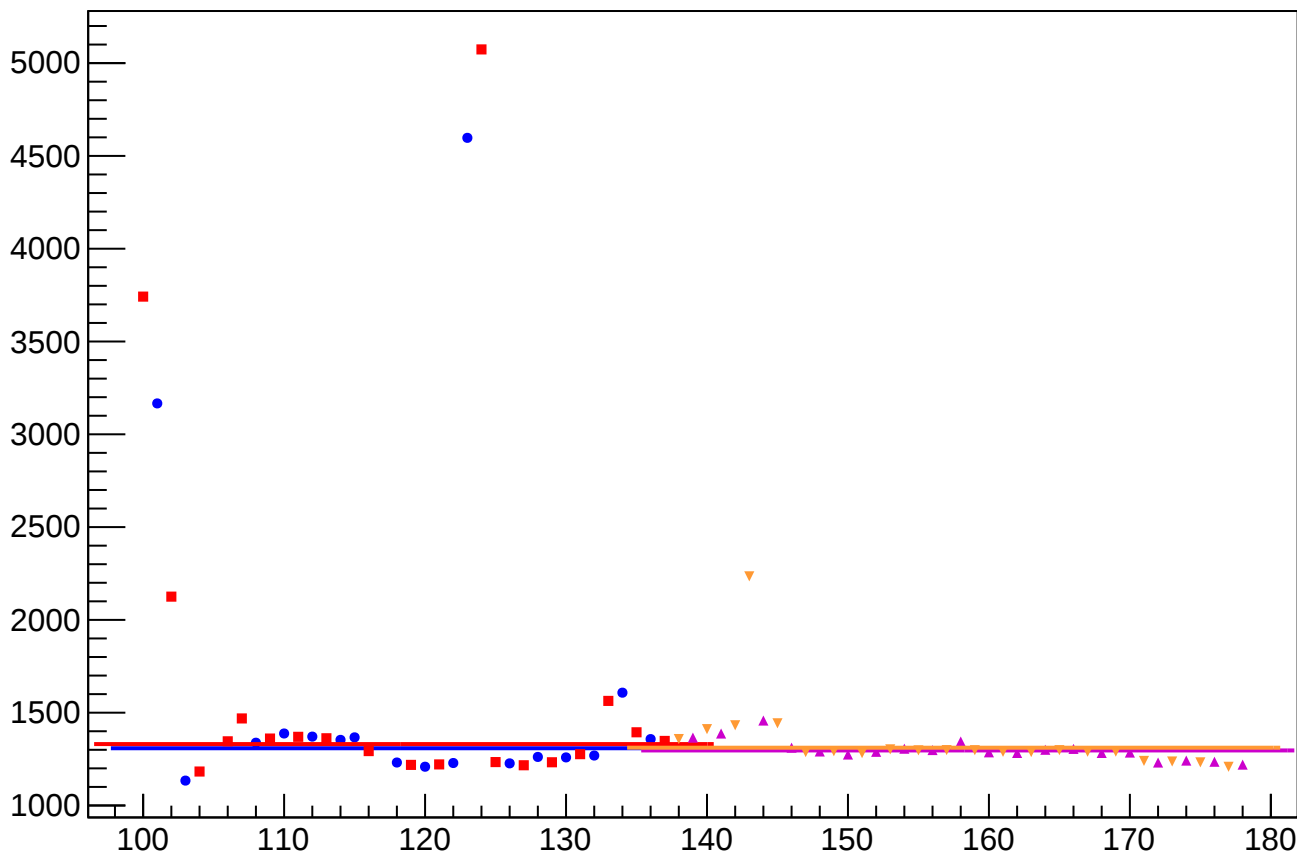
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -455.224+/-277.336 χ^2/NDF : 40.6/36

Out: -513.298+/-278.095 χ^2/NDF : 44.7/39

All: -484.182+/-196.374 χ^2/NDF : 85.4/76

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: 1311.323+/-0.234 χ^2/NDF : 323874.4/20

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

Left In: 1296.579+/-0.232 χ^2/NDF : 52915.5/19

Left: 1303.902+/-0.165 χ^2/NDF : 378793.1/40

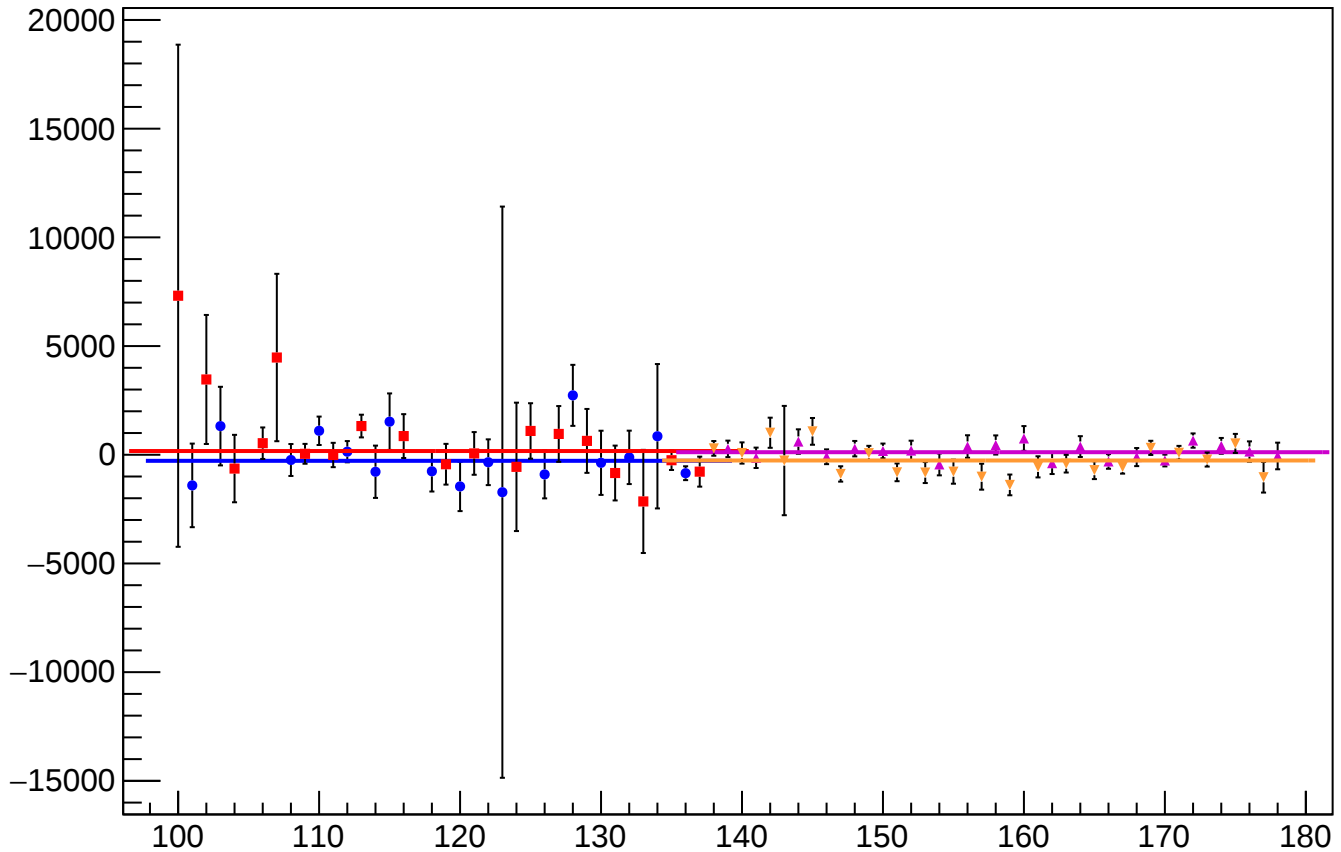
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1299.955+/-0.196 χ^2/NDF : 560199.0/36

Out: 1317.029+/-0.197 χ^2/NDF : 741760.8/39

All: 1308.469+/-0.139 χ^2/NDF : 1305739.3/76

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 ± 198.123 χ^2/NDF : 18.0/16

Left Out: -262.564 ± 91.866 χ^2/NDF : 37.9/20

Right Out: 171.593 ± 192.461 χ^2/NDF : 14.7/18

Left In: 118.099 ± 90.805 χ^2/NDF : 13.7/19

Left: -70.021 ± 64.581 χ^2/NDF : 60.3/40

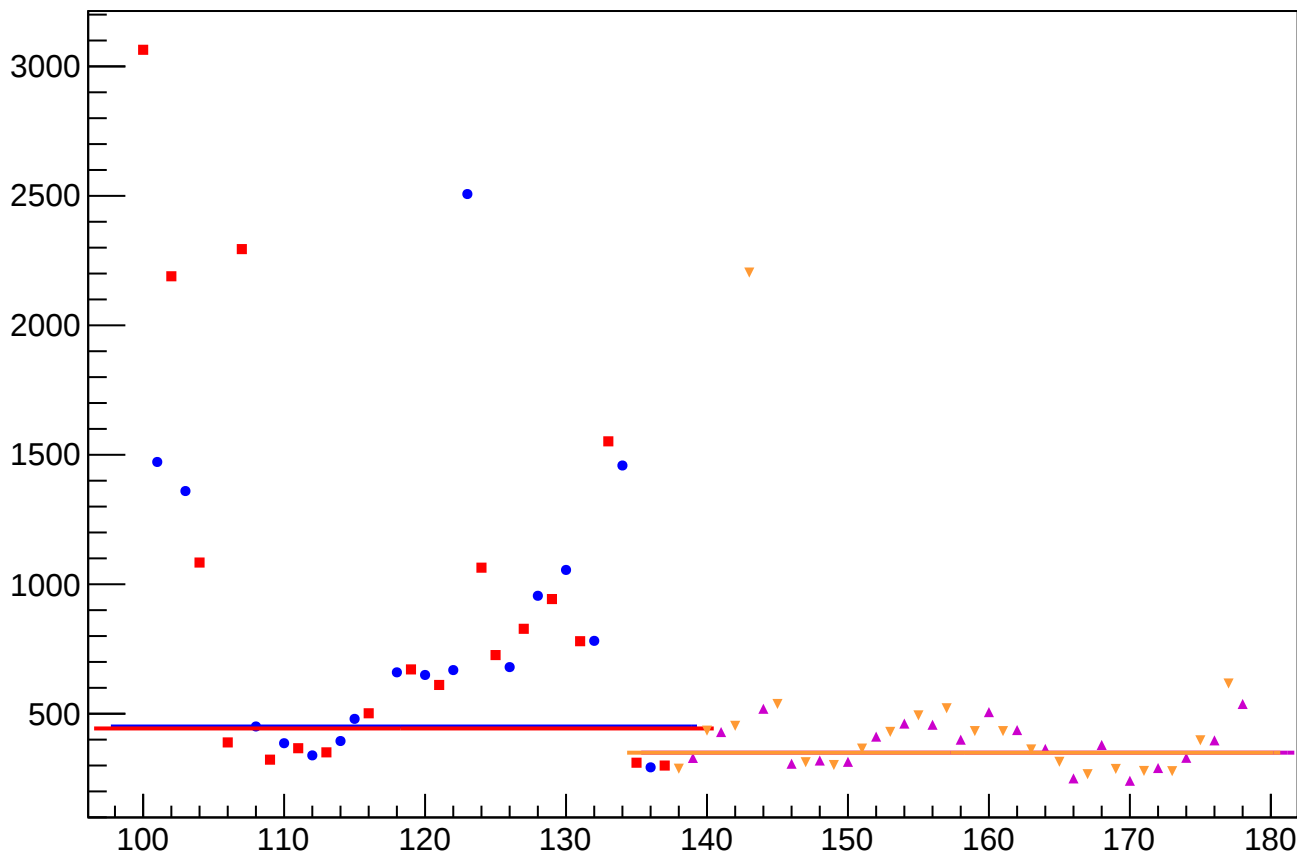
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

In: 49.215 ± 82.548 χ^2/NDF : 35.1/36

Out: -182.002 ± 82.906 χ^2/NDF : 56.8/39

All: -65.893 ± 58.496 χ^2/NDF : 95.8/76

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: 349.535 $\pm$ 0.065 χ^2 /NDF: 2735485.3/20

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

Left In: 349.576 $\pm$ 0.064 χ^2 /NDF: 1559065.2/19

Left: 349.556 $\pm$ 0.046 χ^2 /NDF: 4294550.8/40

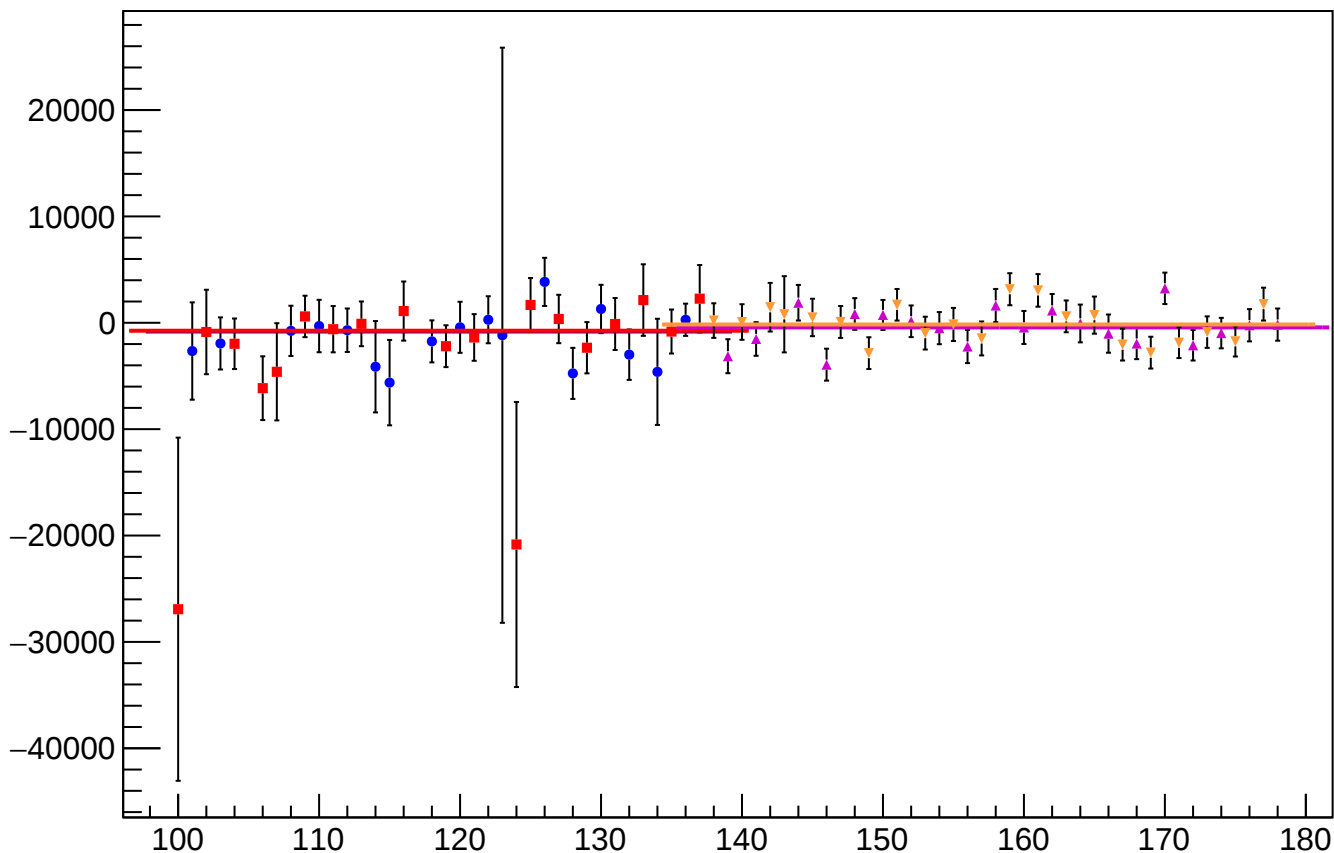
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 367.113 $\pm$ 0.058 χ^2 /NDF: 4986498.6/36

Out: 366.896 $\pm$ 0.059 χ^2 /NDF: 6591798.9/39

All: 367.005 $\pm$ 0.041 χ^2 /NDF: 11578304.3/76

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: -158.545 $\pm$ 347.417 χ^2 /NDF:25.5/20

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

Left In: -436.182 $\pm$ 343.272 χ^2 /NDF:25.4/19

Left: -299.029 $\pm$ 244.182 χ^2 /NDF: 51.1/40

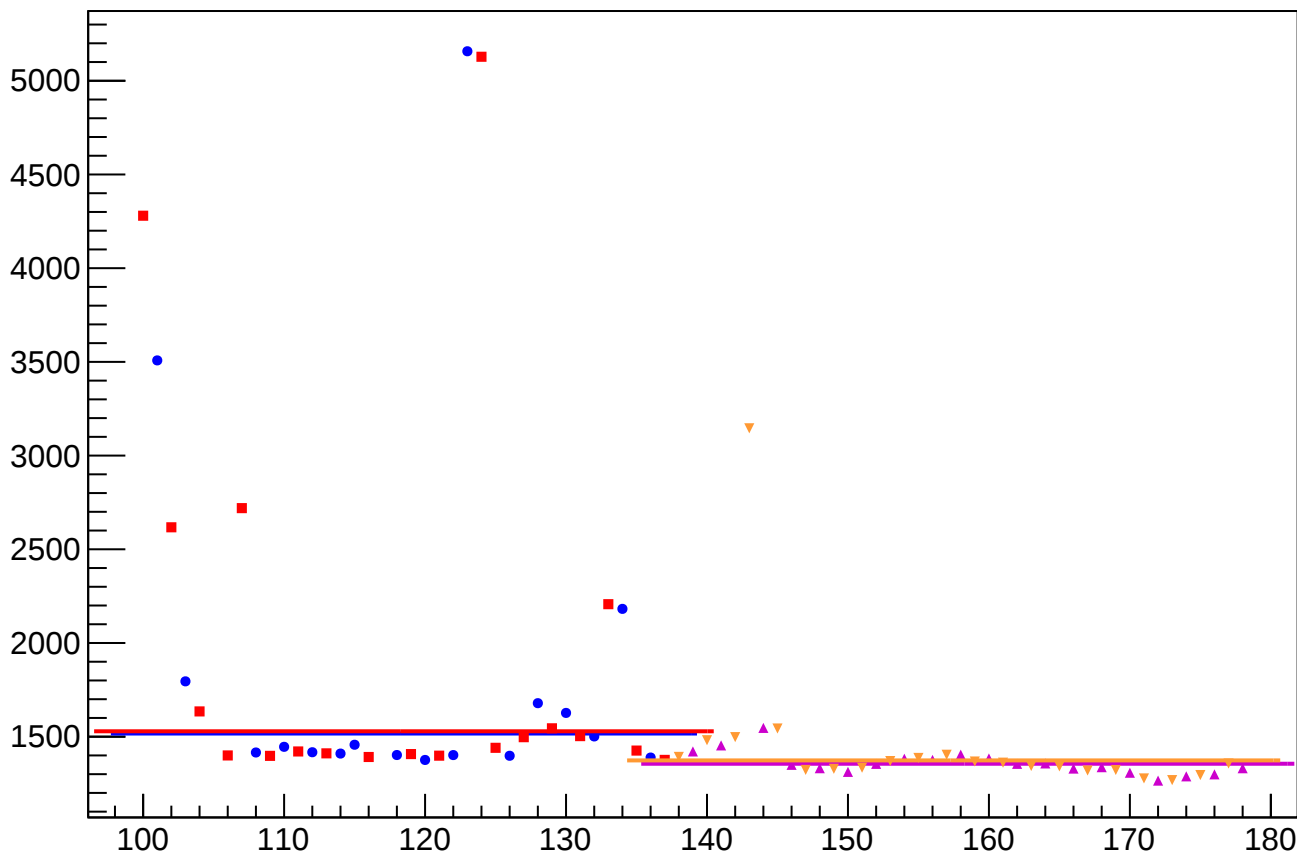
Right: -781.413 $\pm$ 423.122 χ^2 /NDF: 26.8/35

In: -529.849 $\pm$ 298.095 χ^2 /NDF:38.4/36

Out: -307.752 $\pm$ 300.102 χ^2 /NDF:40.3/39

All: -419.546 $\pm$ 211.491 χ^2 /NDF: 78.9/76

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935+/-0.425 χ^2/NDF : 541039.6/16

Left Out: 1373.432+/-0.246 χ^2/NDF : 560318.3/20

Right Out: 1528.856+/-0.421 χ^2/NDF : 630181.6/18

Left In: 1355.637+/-0.243 χ^2/NDF : 61556.0/19

Left: 1364.428+/-0.173 χ^2/NDF : 624529.3/40

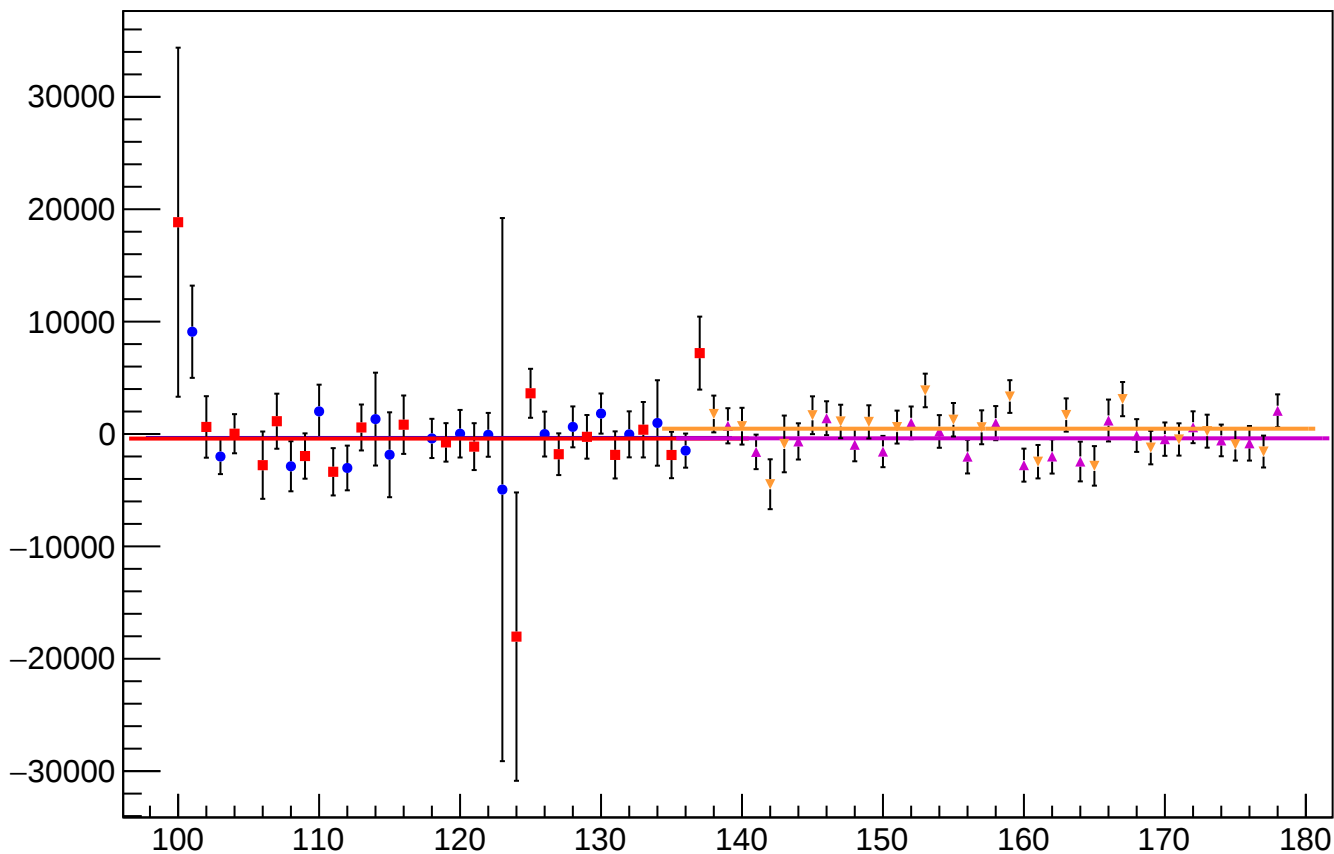
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1395.299+/-0.211 χ^2/NDF : 711177.6/36

Out: 1412.884+/-0.212 χ^2/NDF : 1292104.0/39

All: 1404.033+/-0.150 χ^2/NDF : 2006738.0/76

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131 ± 523.324 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 472.235 ± 339.365 $\chi^2/\text{NDF}: 31.9/20$

Right Out: -407.388 ± 522.047 $\chi^2/\text{NDF}: 18.4/18$

Left In: -384.827 ± 337.567 $\chi^2/\text{NDF}: 15.7/19$

Left: 41.429 ± 239.329 $\chi^2/\text{NDF}: 50.9/40$

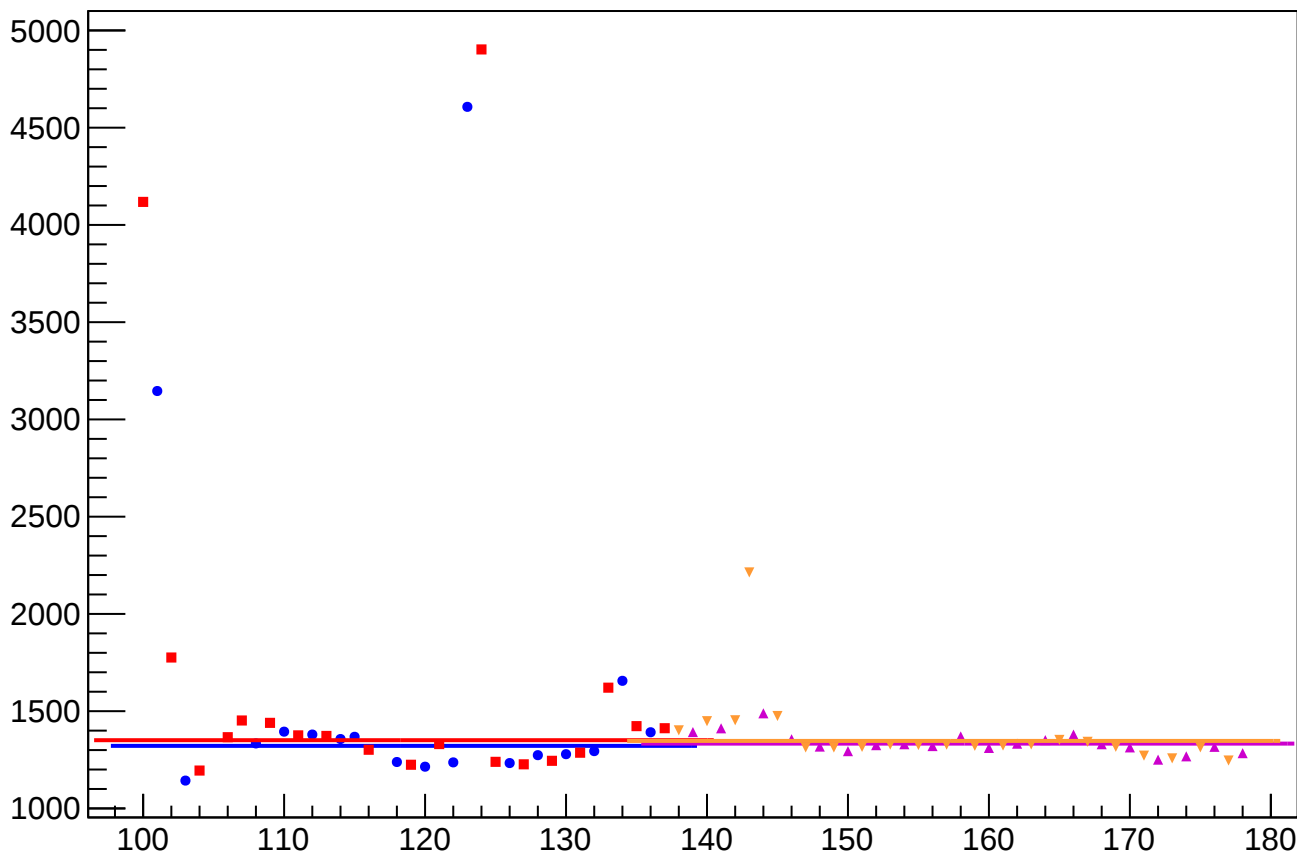
Right: -380.326 ± 369.594 $\chi^2/\text{NDF}: 31.8/35$

In: -375.514 ± 283.672 $\chi^2/\text{NDF}: 29.1/36$

Out: 210.939 ± 284.530 $\chi^2/\text{NDF}: 52.3/39$

All: -83.173 ± 200.889 $\chi^2/\text{NDF}: 83.6/76$

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: 1347.111 $\pm$ 0.240 χ^2 /NDF: 292181.3/20

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

Left In: 1333.255 $\pm$ 0.239 χ^2 /NDF: 46231.9/19

Left: 1340.146 $\pm$ 0.169 χ^2 /NDF: 340089.1/40

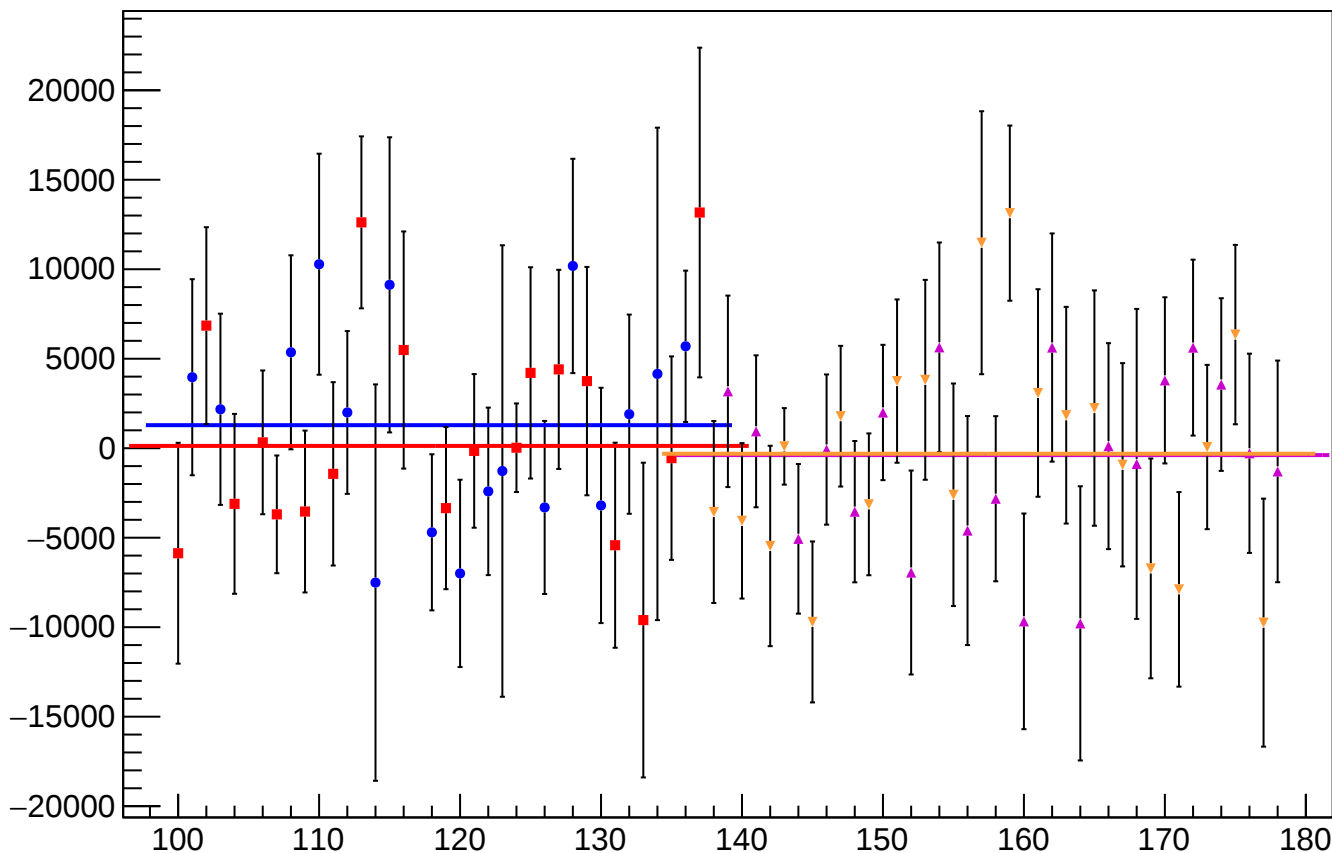
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1329.861 $\pm$ 0.201 χ^2 /NDF: 549165.9/36

Out: 1348.200 $\pm$ 0.201 χ^2 /NDF: 642134.4/39

All: 1339.004 $\pm$ 0.142 χ^2 /NDF: 1195467.8/76

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: -309.648+/-1017.348 χ^2/NDF : 26.1/20

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

Left In: -385.254+/-1138.318 χ^2/NDF : 13.7/19

Left: -343.222+/-758.549 χ^2/NDF : 39.8/40

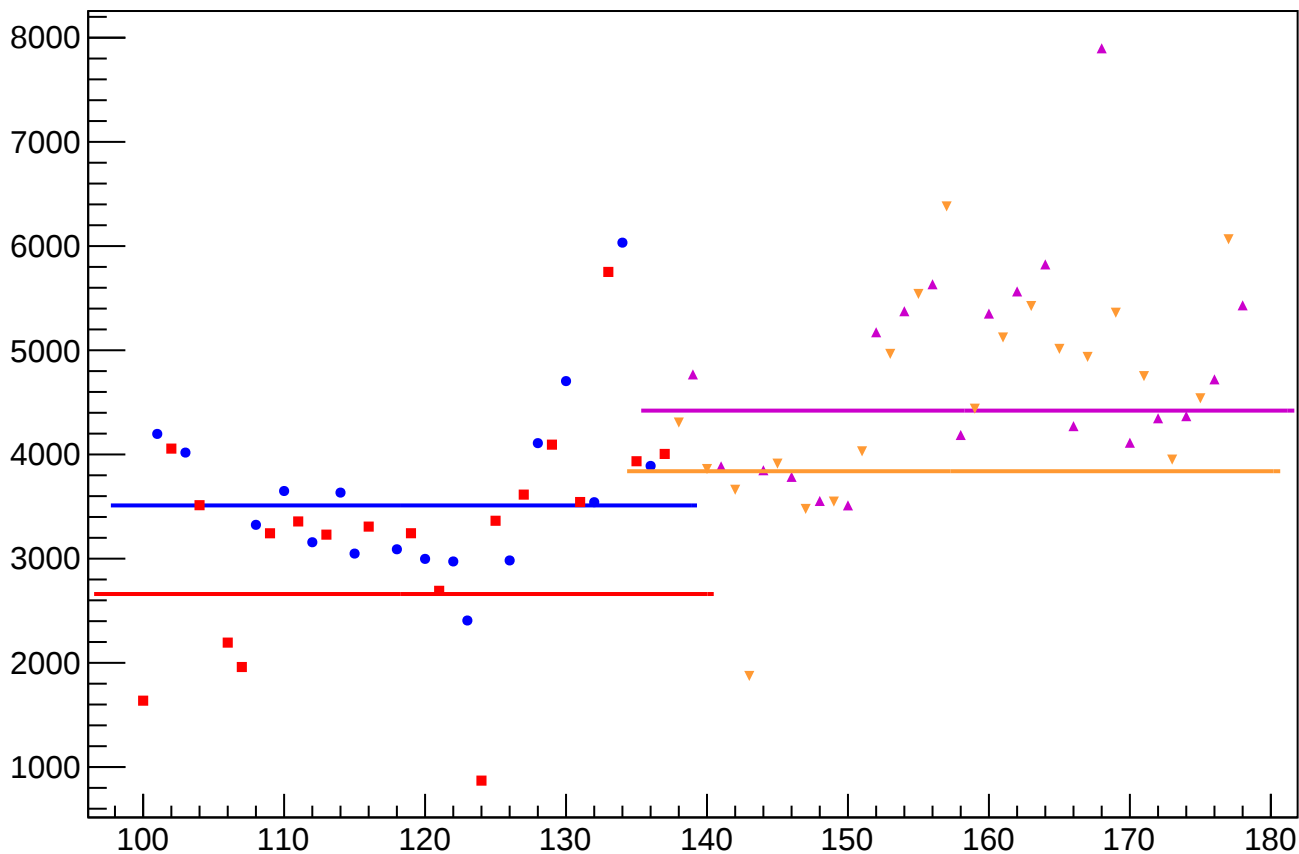
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 294.480+/-877.054 χ^2/NDF : 28.9/36

Out: -105.090+/-743.175 χ^2/NDF : 44.7/39

All: 61.903+/-566.994 χ^2/NDF : 73.7/76

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799+/-0.973 χ^2/NDF : 344054.4/16

Left Out: 3839.191+/-0.719 χ^2/NDF : 3040322.6/20

Right Out: 2660.636+/-0.770 χ^2/NDF : 2182658.0/18

Left In: 4420.848+/-0.805 χ^2/NDF : 1072252.3/19

Left: 4097.481+/-0.536 χ^2/NDF : 4402886.6/40

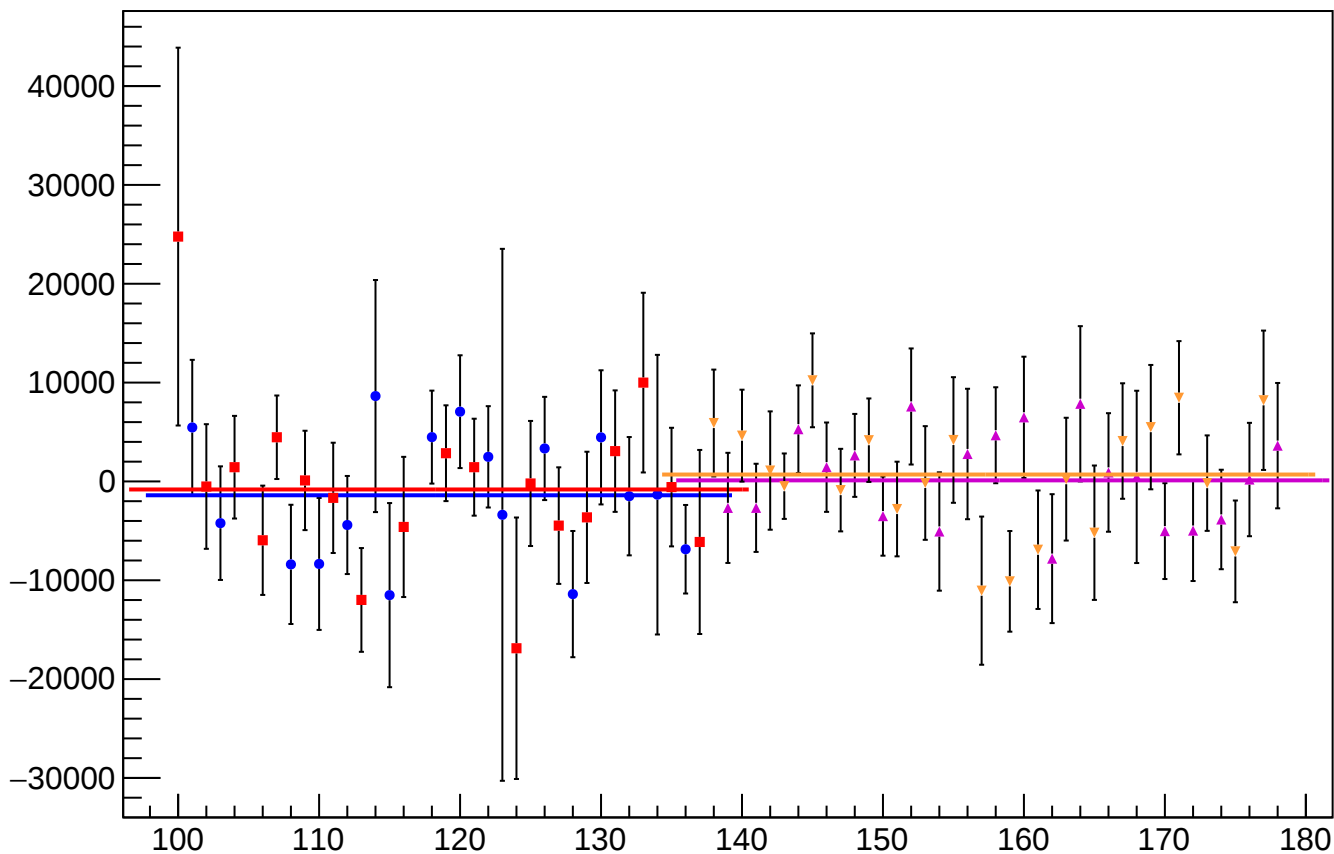
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

In: 4051.043+/-0.620 χ^2/NDF : 1935753.0/36

Out: 3289.553+/-0.526 χ^2/NDF : 6474731.6/39

All: 3607.803+/-0.401 χ^2/NDF : 9288050.9/76

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 ± 1504.149 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 697.192 ± 1136.999 $\chi^2/\text{NDF}: 23.0/20$

Right Out: -814.071 ± 1379.106 $\chi^2/\text{NDF}: 14.3/18$

Left In: 107.634 ± 1189.528 $\chi^2/\text{NDF}: 13.3/19$

Left: 415.718 ± 821.923 $\chi^2/\text{NDF}: 36.4/40$

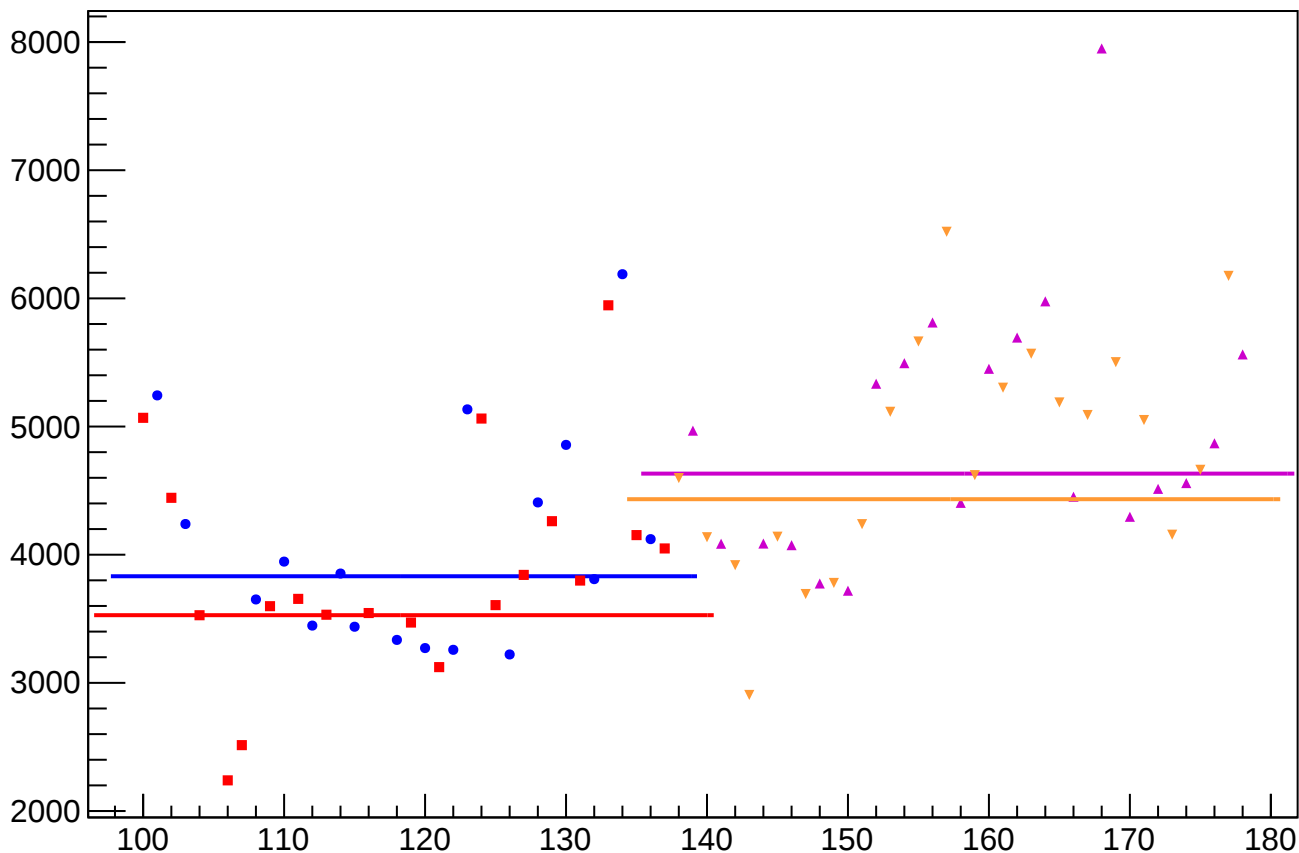
Right: -1082.331 ± 1016.512 $\chi^2/\text{NDF}: 30.1/35$

In: -473.016 ± 933.024 $\chi^2/\text{NDF}: 29.7/36$

Out: 85.645 ± 877.289 $\chi^2/\text{NDF}: 38.0/39$

All: -176.502 ± 639.133 $\chi^2/\text{NDF}: 67.9/76$

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: 4433.104+/-0.804 χ^2/NDF : 1205539.4/20

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

Left In: 4632.691+/-0.841 χ^2/NDF : 920244.9/19

Left: 4528.393+/-0.581 χ^2/NDF : 2155207.5/40

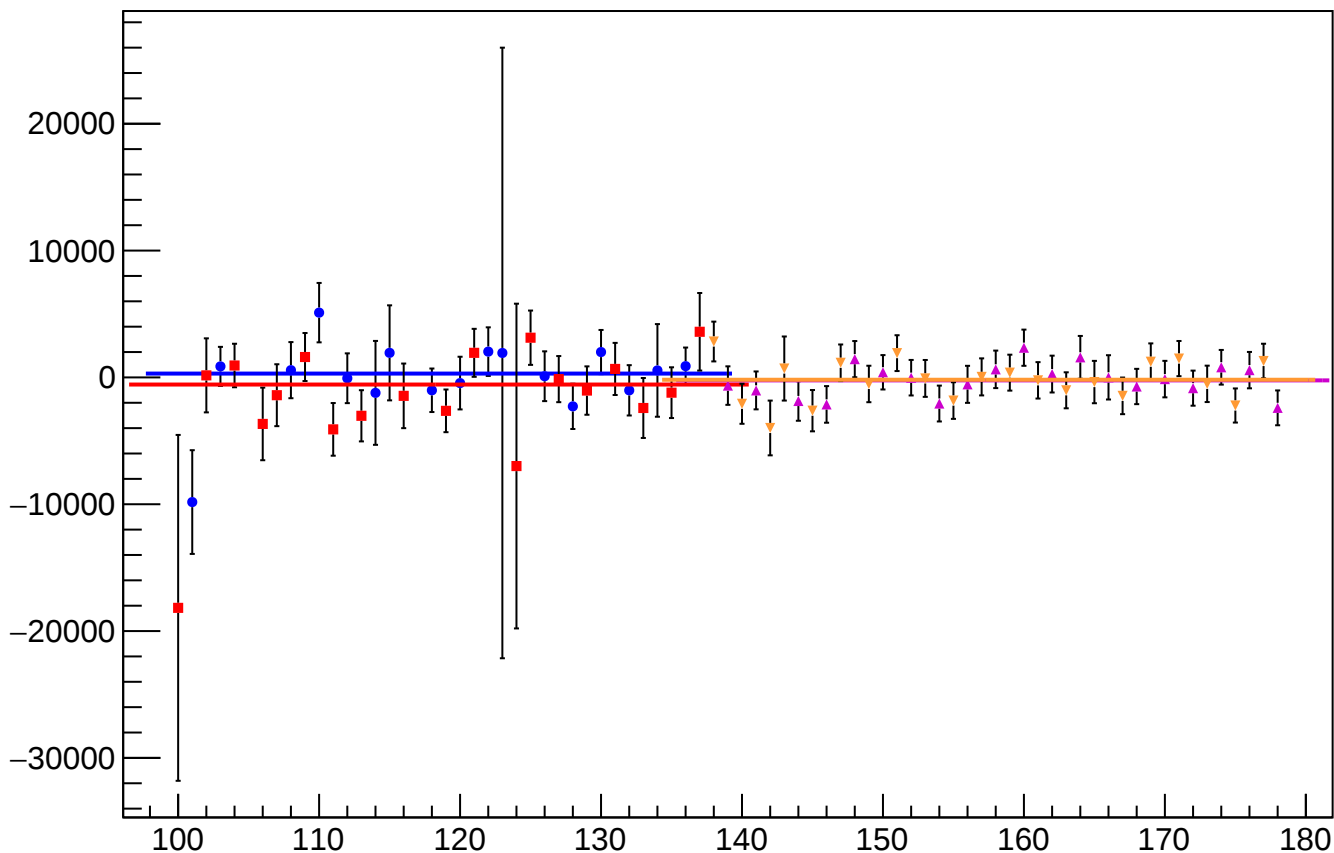
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4324.528+/-0.660 χ^2/NDF : 1606791.3/36

Out: 4062.896+/-0.618 χ^2/NDF : 2281061.3/39

All: 4185.182+/-0.451 χ^2/NDF : 3971613.3/76

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: -184.296 $\pm$ 327.243 χ^2 /NDF:22.3/20

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

Left In: -234.315 $\pm$ 325.073 χ^2 /NDF:15.1/19

Left: -209.472 $\pm$ 230.625 χ^2 /NDF: 37.4/40

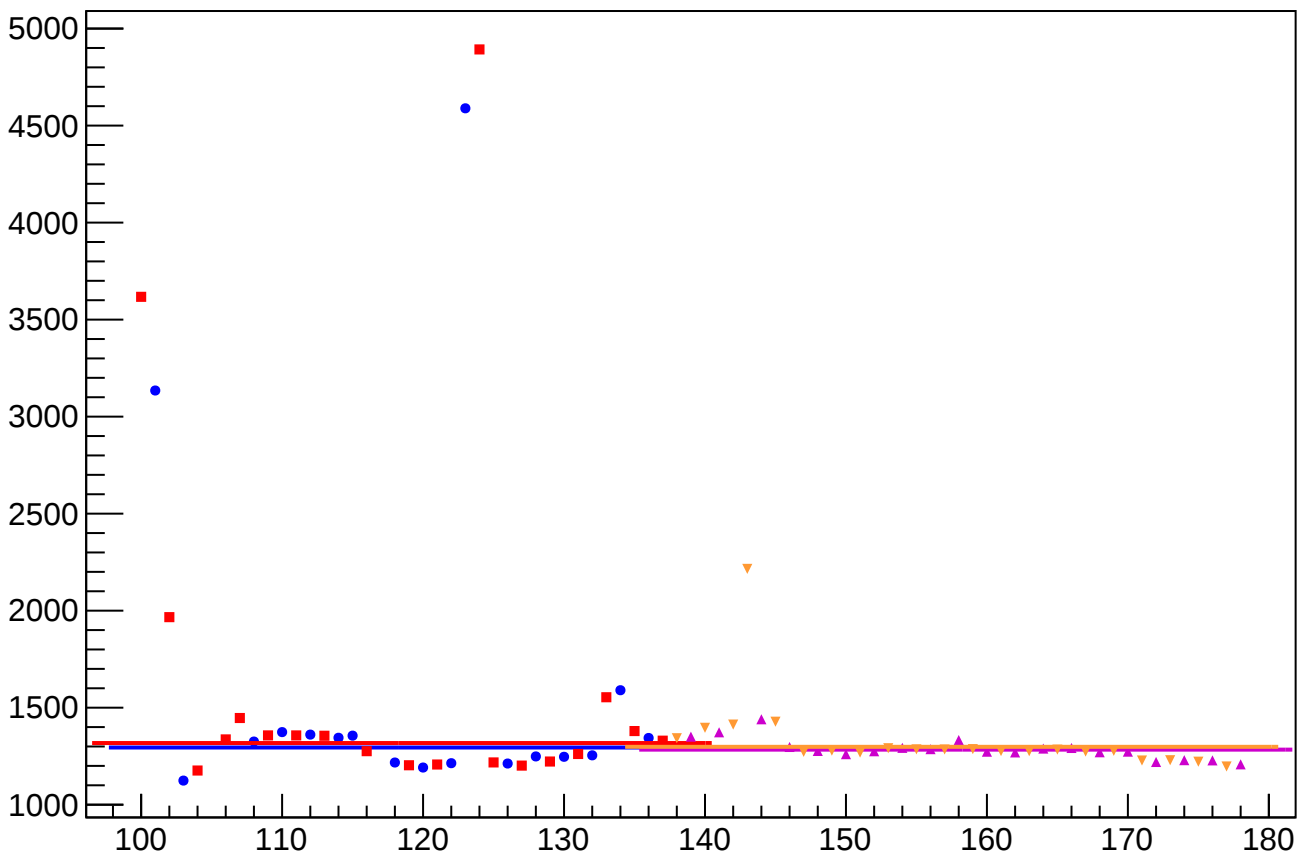
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -80.600 $\pm$ 274.560 χ^2 /NDF:31.9/36

Out: -295.031 $\pm$ 275.157 χ^2 /NDF:41.8/39

All: -187.583 $\pm$ 194.354 χ^2 /NDF: 74.0/76

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729+/-0.363 χ^2/NDF : 507803.9/16

Left Out: 1298.284+/-0.231 χ^2/NDF : 323101.4/20

Right Out: 1317.789+/-0.359 χ^2/NDF : 390807.4/18

Left In: 1283.755+/-0.230 χ^2/NDF : 51520.6/19

Left: 1290.971+/-0.163 χ^2/NDF : 376606.3/40

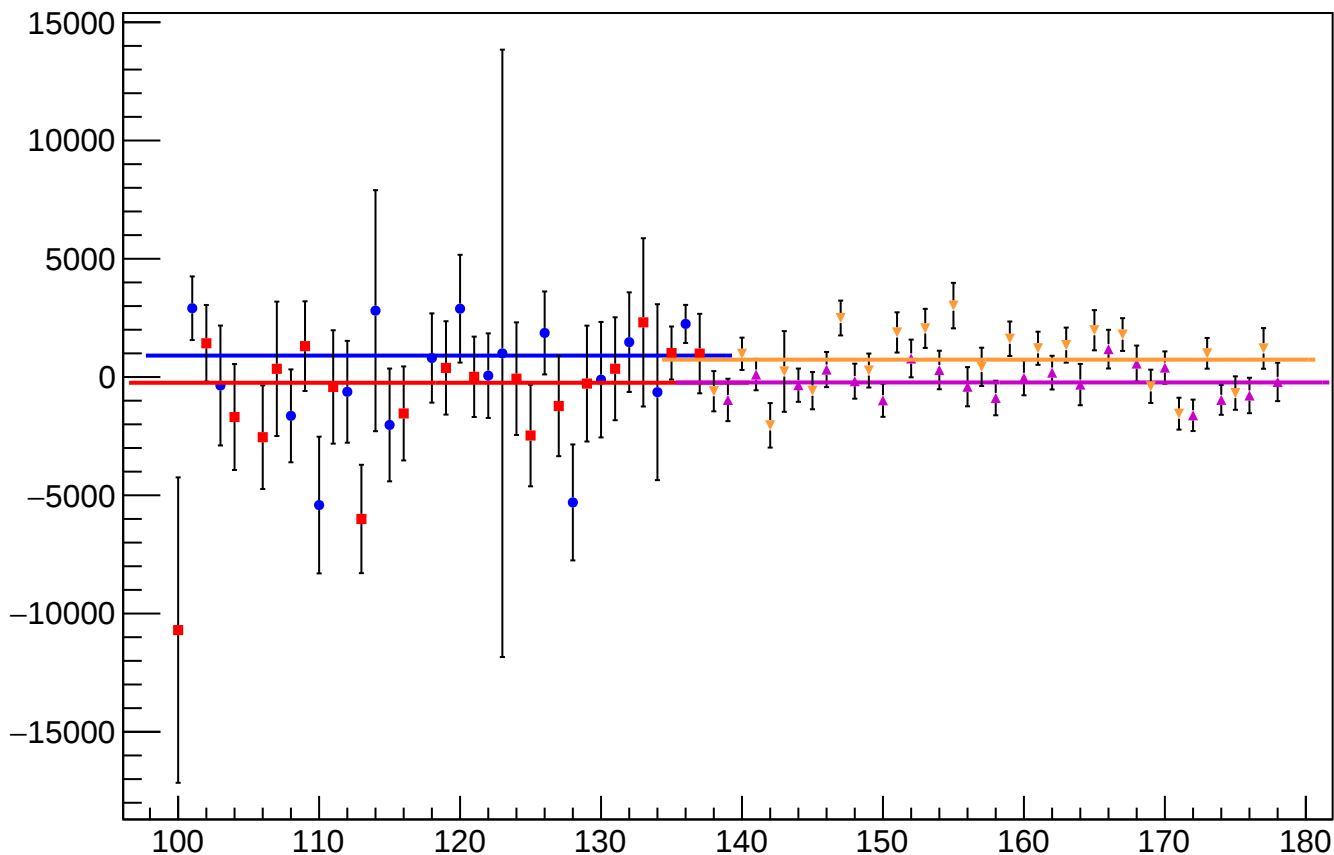
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1286.900+/-0.194 χ^2/NDF : 559977.9/36

Out: 1303.999+/-0.195 χ^2/NDF : 715990.7/39

All: 1295.431+/-0.137 χ^2/NDF : 1279838.5/76

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: 734.513 $\pm$ 169.003 χ^2 /NDF:56.1/20

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -228.635 $\pm$ 166.245 χ^2 /NDF:17.2/19

Left: 245.017 $\pm$ 118.516 χ^2 /NDF: 89.8/40

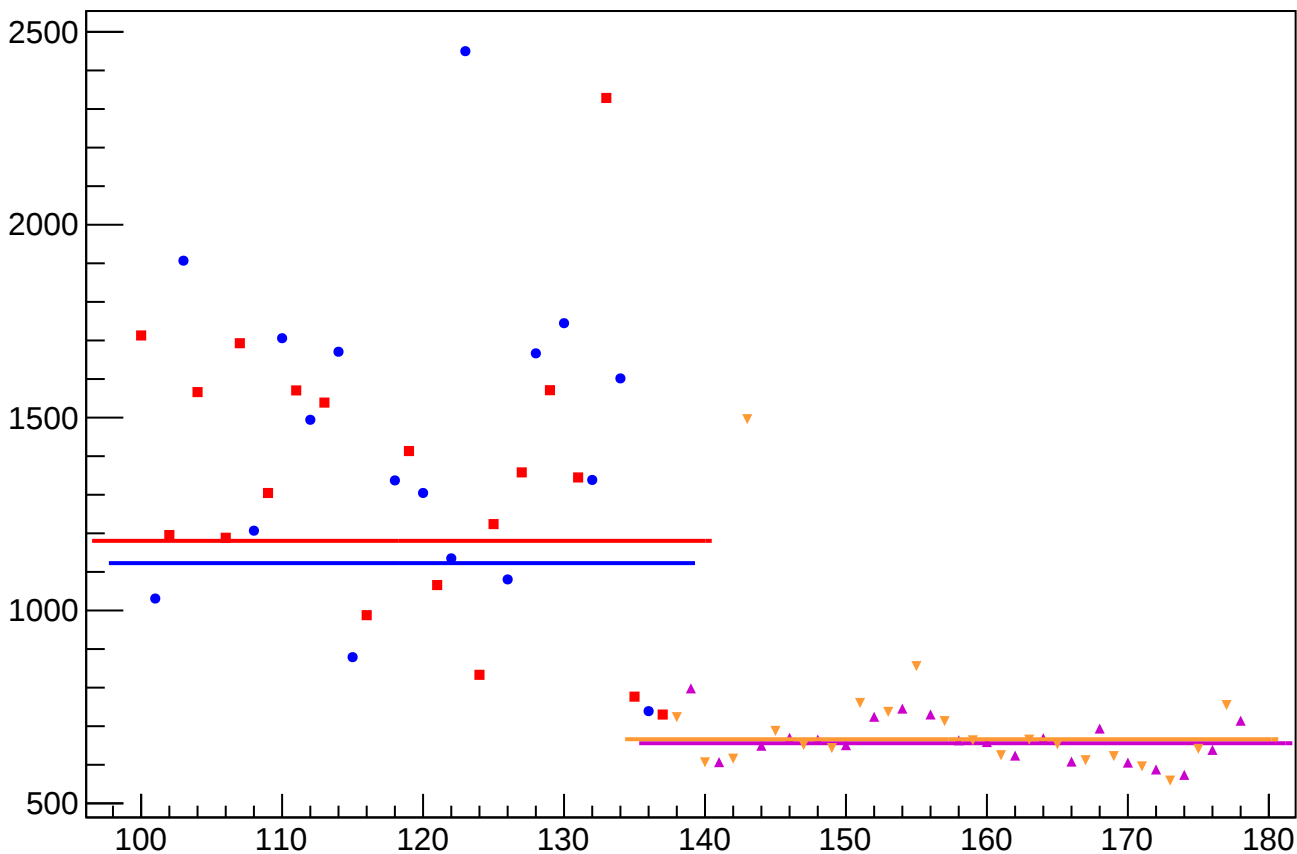
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: -95.357 $\pm$ 156.182 χ^2 /NDF:44.6/36

Out: 619.815 $\pm$ 158.771 χ^2 /NDF:76.5/39

All: 256.353 $\pm$ 111.341 χ^2 /NDF: 131.5/76

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 666.196+/-0.120 χ^2/NDF : 758504.7/20

Right Out: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 655.861+/-0.118 χ^2/NDF : 211229.5/19

Left: 660.944+/-0.084 χ^2/NDF : 973535.2/40

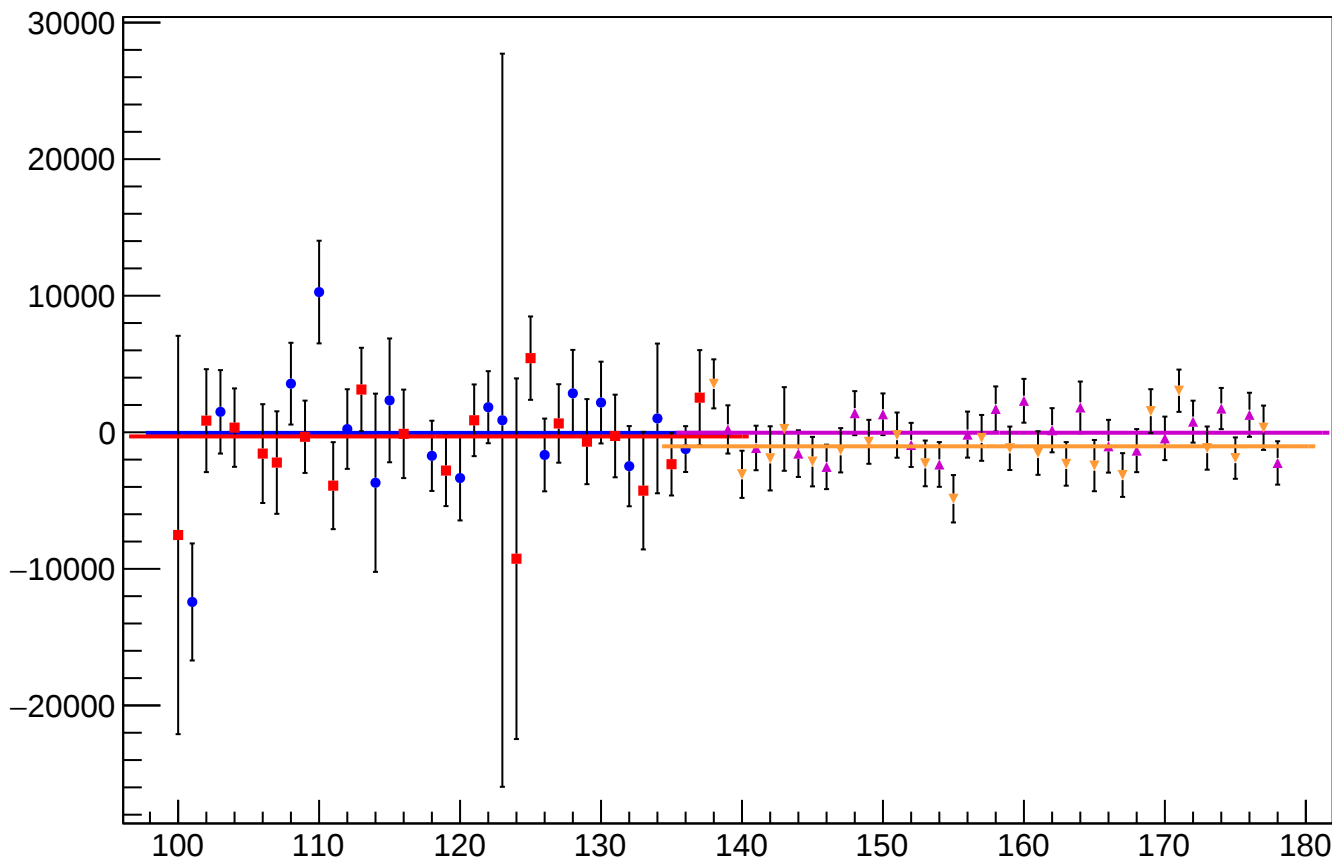
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 710.673+/-0.110 χ^2/NDF : 3251232.5/36

Out: 726.592+/-0.112 χ^2/NDF : 3969172.5/39

All: 718.502+/-0.079 χ^2/NDF : 7230623.0/76

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -1027.567 ± 370.440 $\chi^2/\text{NDF}: 28.1/20$

Right Out: -303.720 ± 734.458 $\chi^2/\text{NDF}: 10.9/18$

Left In: -33.019 ± 366.079 $\chi^2/\text{NDF}: 17.0/19$

Left: -524.406 ± 260.385 $\chi^2/\text{NDF}: 48.8/40$

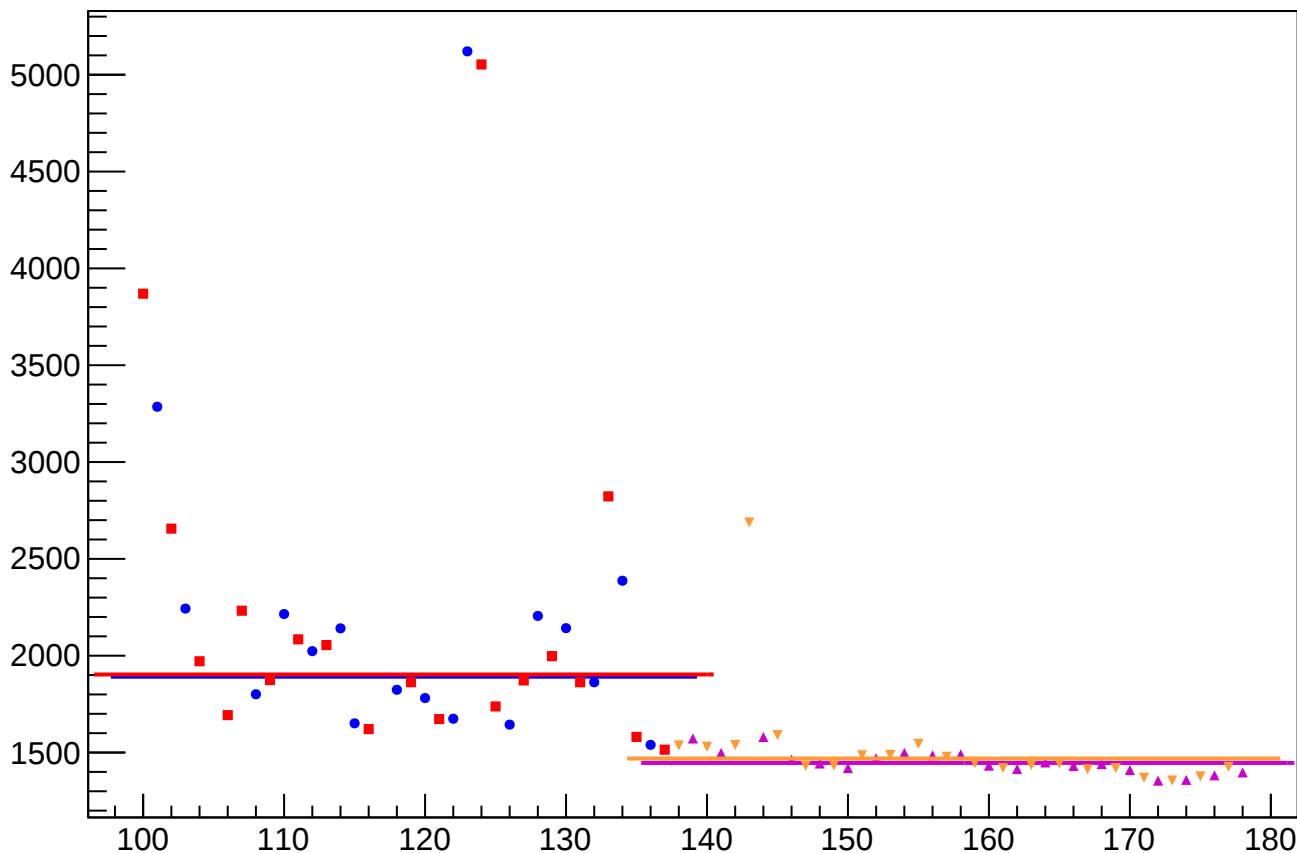
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -35.214 ± 328.777 $\chi^2/\text{NDF}: 40.2/36$

Out: -880.771 ± 330.751 $\chi^2/\text{NDF}: 39.7/39$

All: -455.462 ± 233.175 $\chi^2/\text{NDF}: 83.2/76$

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1469.051 $\pm$ 0.262 χ^2 /NDF: 374461.9/20

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1446.343 $\pm$ 0.259 χ^2 /NDF: 51209.2/19

Left: 1457.563 $\pm$ 0.184 χ^2 /NDF: 429473.3/40

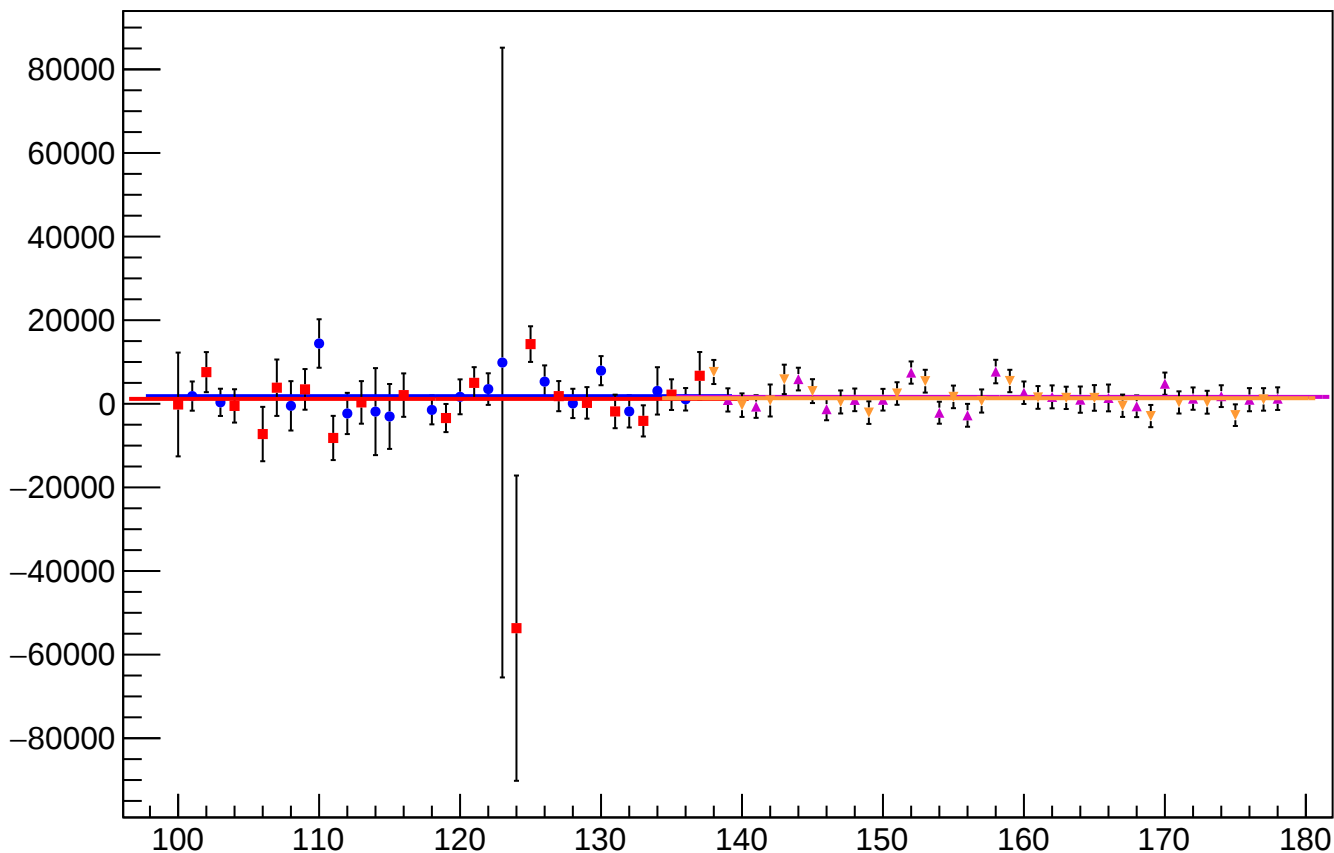
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1532.474 $\pm$ 0.232 χ^2 /NDF: 1092719.6/36

Out: 1557.060 $\pm$ 0.234 χ^2 /NDF: 1391244.4/39

All: 1544.693 $\pm$ 0.165 χ^2 /NDF: 2489522.5/76

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1334.062 $\pm$ 609.523 χ^2 /NDF:19.4/20

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1653.194 $\pm$ 609.909 χ^2 /NDF:21.2/19

Left: 1493.527 $\pm$ 431.134 χ^2 /NDF: 40.8/40

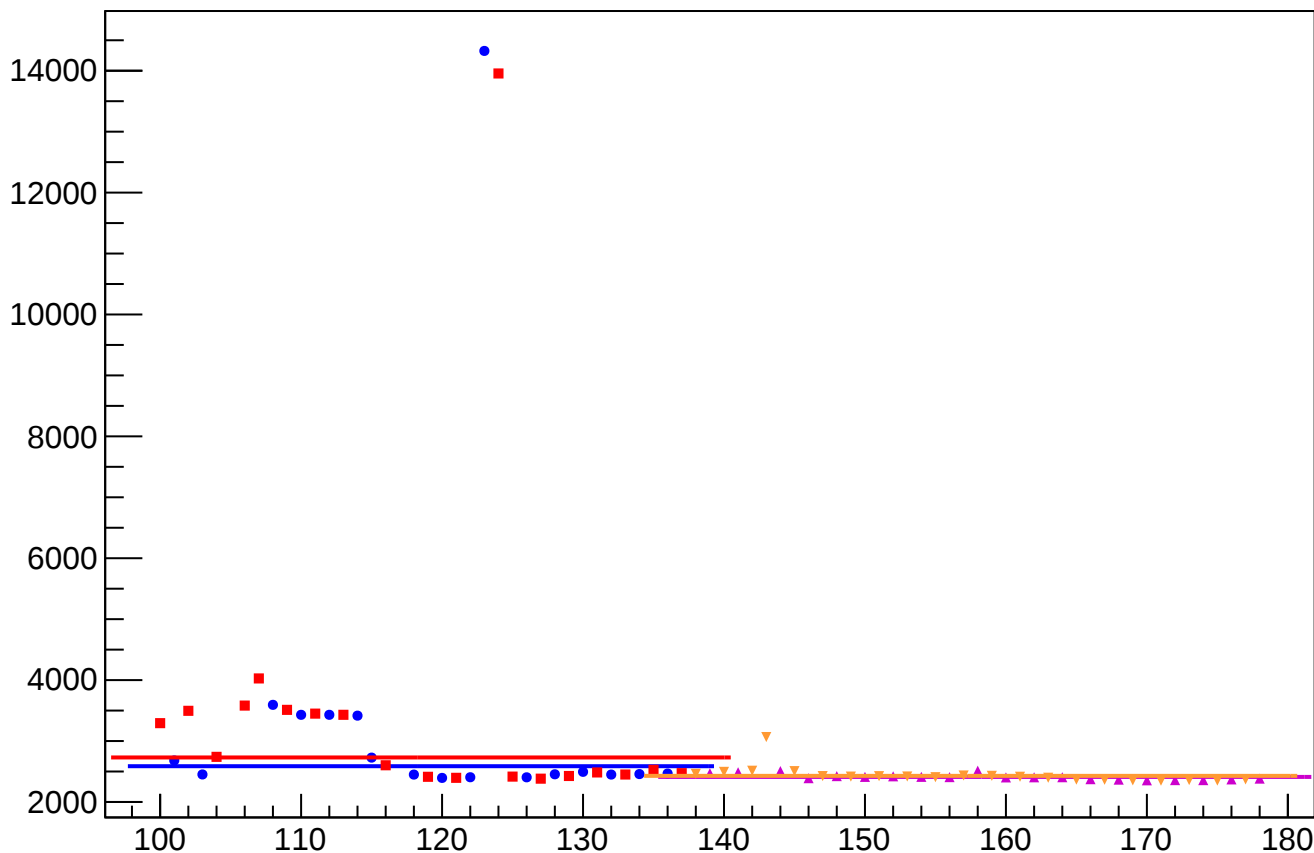
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1699.103 $\pm$ 522.122 χ^2 /NDF:33.8/36

Out: 1293.306 $\pm$ 526.658 χ^2 /NDF:44.9/39

All: 1497.960 $\pm$ 370.789 χ^2 /NDF: 79.0/76

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2428.596+/-0.431 χ^2/NDF : 79094.0/20

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2411.136+/-0.431 χ^2/NDF : 11851.6/19

Left: 2419.871+/-0.305 χ^2/NDF : 91765.6/40

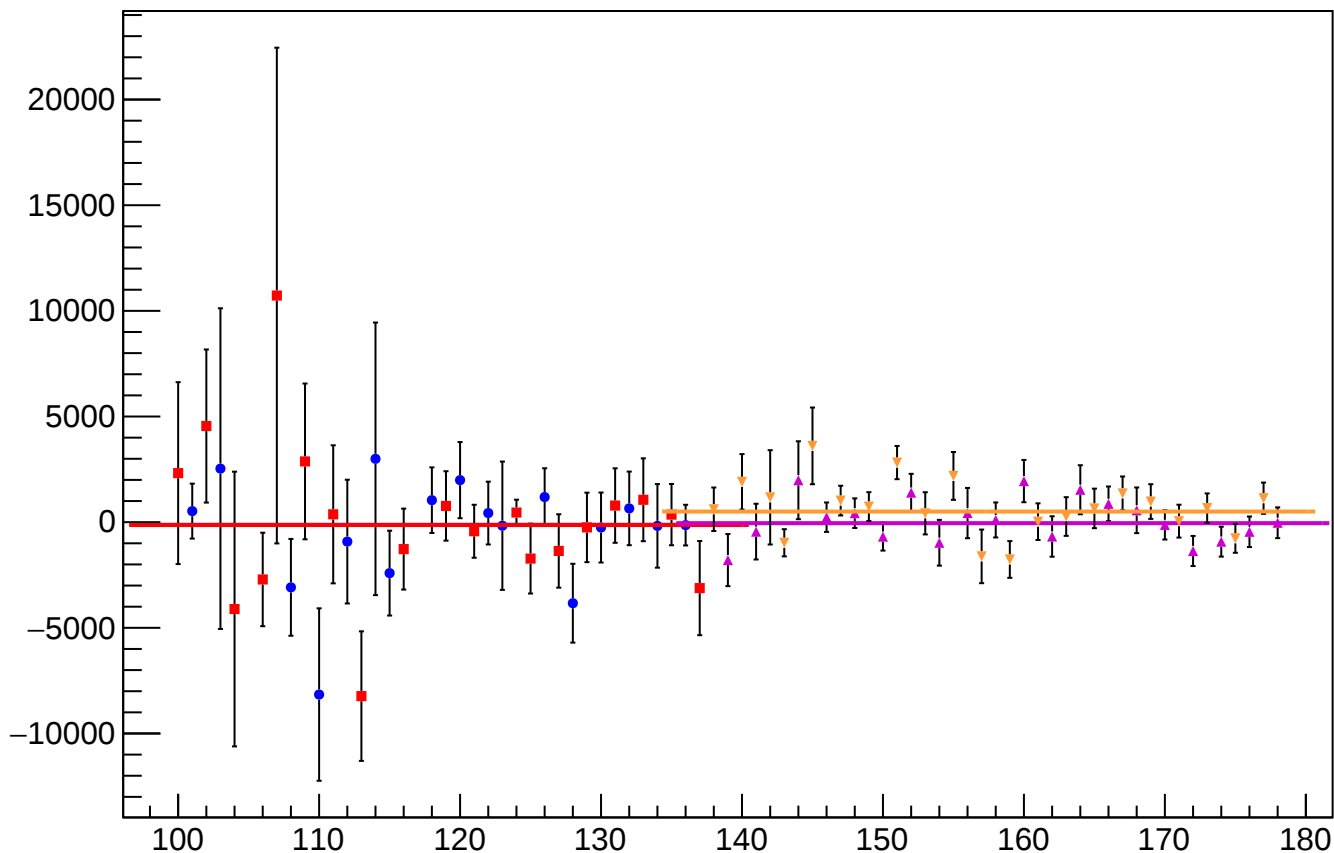
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2458.113+/-0.369 χ^2/NDF : 310376.5/36

Out: 2505.100+/-0.372 χ^2/NDF : 788418.6/39

All: 2481.403+/-0.262 χ^2/NDF : 1106823.6/76

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 502.559+/-187.811 χ^2/NDF : 37.1/20

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: -46.126+/-191.661 χ^2/NDF : 21.6/19

Left: 233.783+/-134.143 χ^2/NDF : 62.8/40

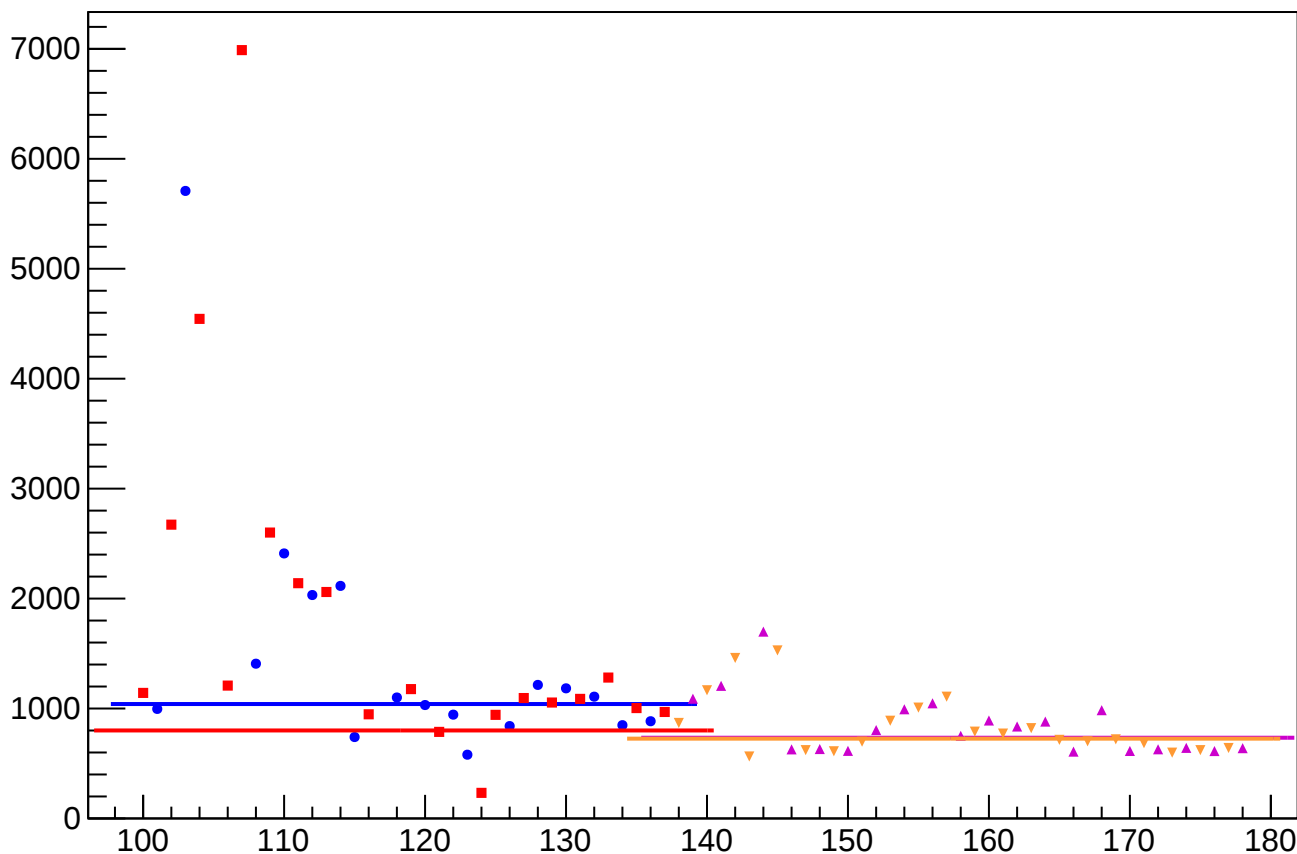
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -59.073+/-175.110 χ^2/NDF : 36.3/36

Out: 377.031+/-168.320 χ^2/NDF : 57.2/39

All: 167.597+/-121.350 χ^2/NDF : 96.7/76

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 725.901+/-0.133 χ^2/NDF :1646207.4/20

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 734.200+/-0.136 χ^2/NDF :1877457.2/19

Left: 729.966+/-0.095 χ^2/NDF : 3525577.1/40

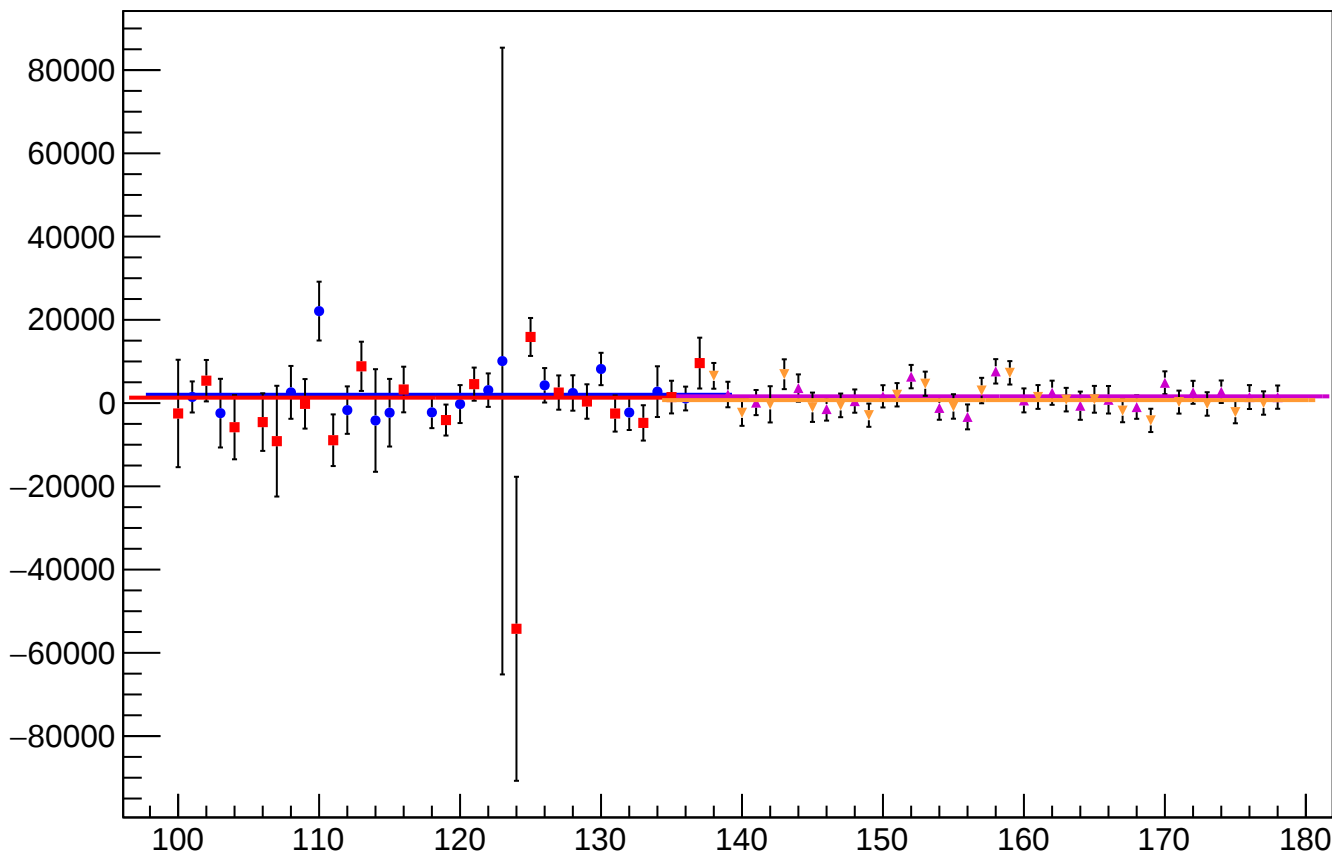
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 784.860+/-0.124 χ^2/NDF :4296054.5/36

Out: 740.563+/-0.119 χ^2/NDF :6895172.1/39

All: 761.836+/-0.086 χ^2/NDF : 11257747.5/76

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 715.636+/-647.267 χ^2/NDF : 23.3/20

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1618.898+/-648.660 χ^2/NDF : 16.0/19

Left: 1166.296+/-458.179 χ^2/NDF : 40.2/40

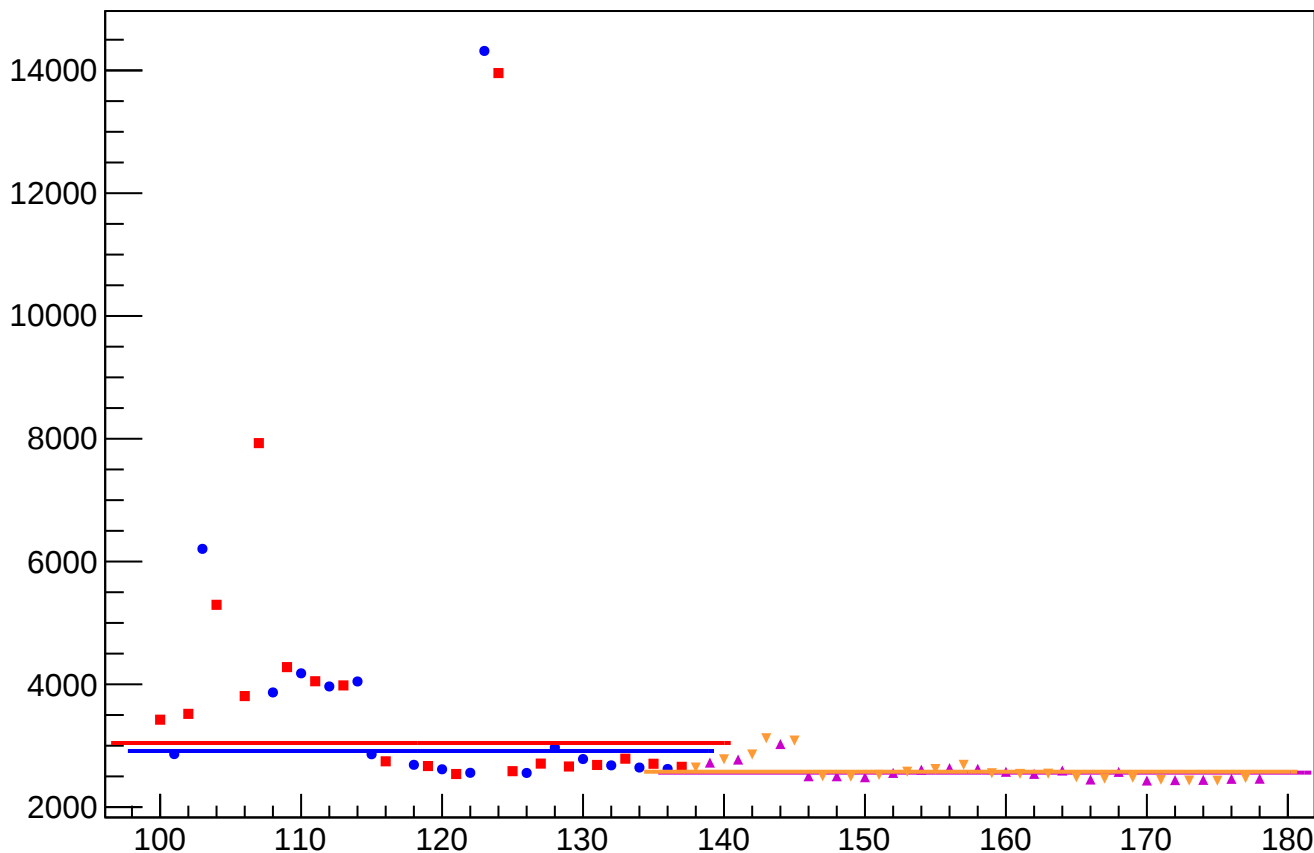
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1709.375+/-565.577 χ^2/NDF : 31.0/36

Out: 850.226+/-568.452 χ^2/NDF : 51.0/39

All: 1281.979+/-400.936 χ^2/NDF : 83.2/76

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2576.223+/-0.458 χ^2/NDF :138624.4/20

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2561.238+/-0.459 χ^2/NDF :81715.1/19

Left: 2568.747+/-0.324 χ^2/NDF : 220874.3/40

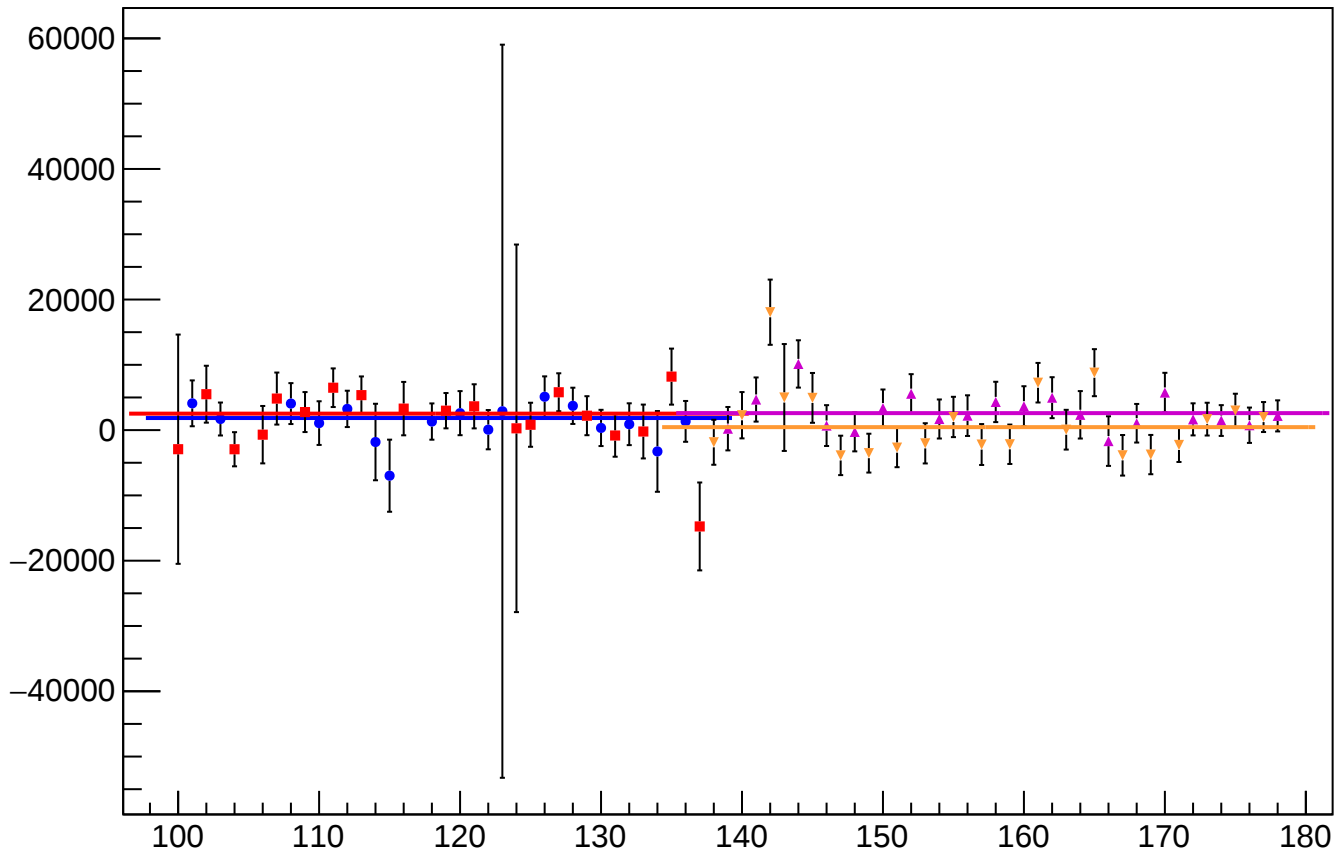
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2645.787+/-0.400 χ^2/NDF :862419.8/36

Out: 2683.314+/-0.402 χ^2/NDF :1383335.3/39

All: 2664.455+/-0.284 χ^2/NDF : 2250135.4/76

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2/NDF : 7.3/16

Left Out: 455.595 $\pm$ 674.748 χ^2/NDF : 39.2/20

Right Out: 2523.303 $\pm$ 818.432 χ^2/NDF : 20.1/18

Left In: 2602.251 $\pm$ 665.383 χ^2/NDF : 12.2/19

Left: 1543.924 $\pm$ 473.773 χ^2/NDF : 56.5/40

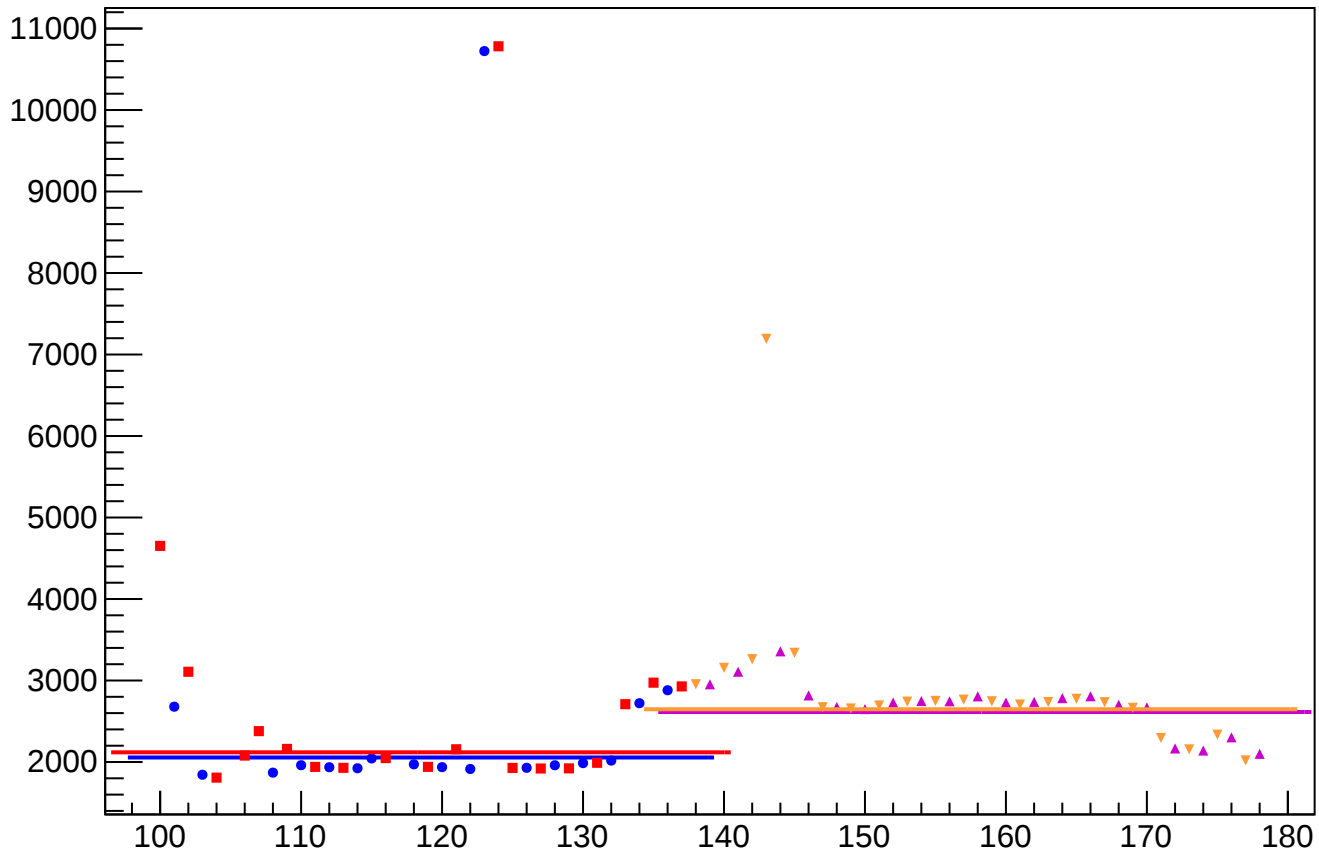
Right: 2181.863 $\pm$ 574.547 χ^2/NDF : 27.7/35

In: 2297.745 $\pm$ 513.319 χ^2/NDF : 20.0/36

Out: 1292.306 $\pm$ 520.626 χ^2/NDF : 63.1/39

All: 1802.131 $\pm$ 365.527 χ^2/NDF : 85.0/76

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 ± 0.570 χ^2/NDF : 316383.7/16

Left Out: 2647.254 ± 0.477 χ^2/NDF : 1077698.0/20

Right Out: 2118.803 ± 0.578 χ^2/NDF : 573725.8/18

Left In: 2613.637 ± 0.470 χ^2/NDF : 460020.3/19

Left: 2630.211 ± 0.335 χ^2/NDF : 1540235.1/40

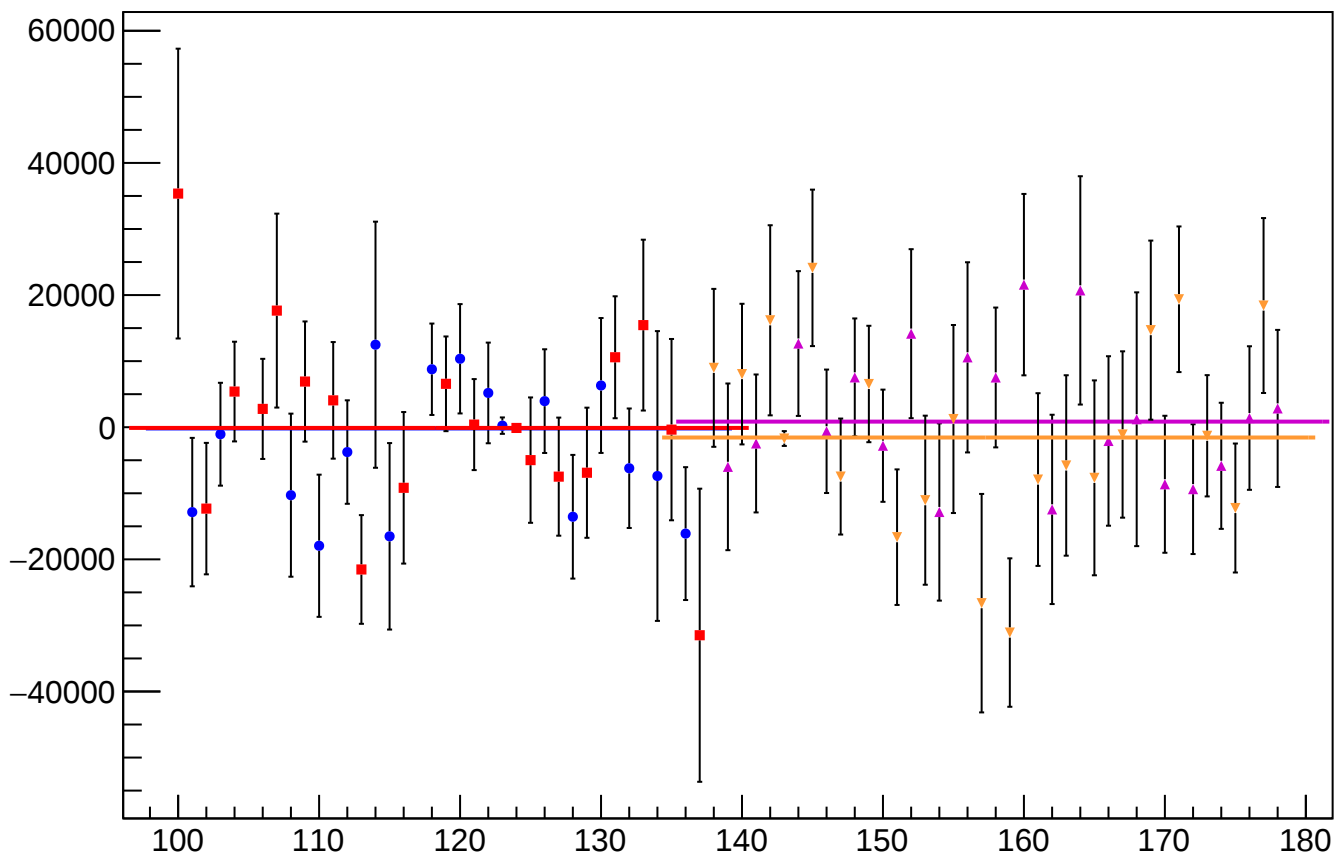
Right: 2086.718 ± 0.406 χ^2/NDF : 896197.4/35

In: 2387.658 ± 0.363 χ^2/NDF : 1346224.9/36

Out: 2433.031 ± 0.368 χ^2/NDF : 2148721.4/39

All: 2410.038 ± 0.258 χ^2/NDF : 3502653.8/76

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 $\pm$ 1100.780 χ^2/NDF : 16.4/16

Left Out: -1558.646 $\pm$ 1029.436 χ^2/NDF : 30.1/20

Right Out: -106.733 $\pm$ 690.637 χ^2/NDF : 21.6/18

Left In: 846.138 $\pm$ 2534.948 χ^2/NDF : 12.3/19

Left: -1218.204 $\pm$ 953.789 χ^2/NDF : 43.1/40

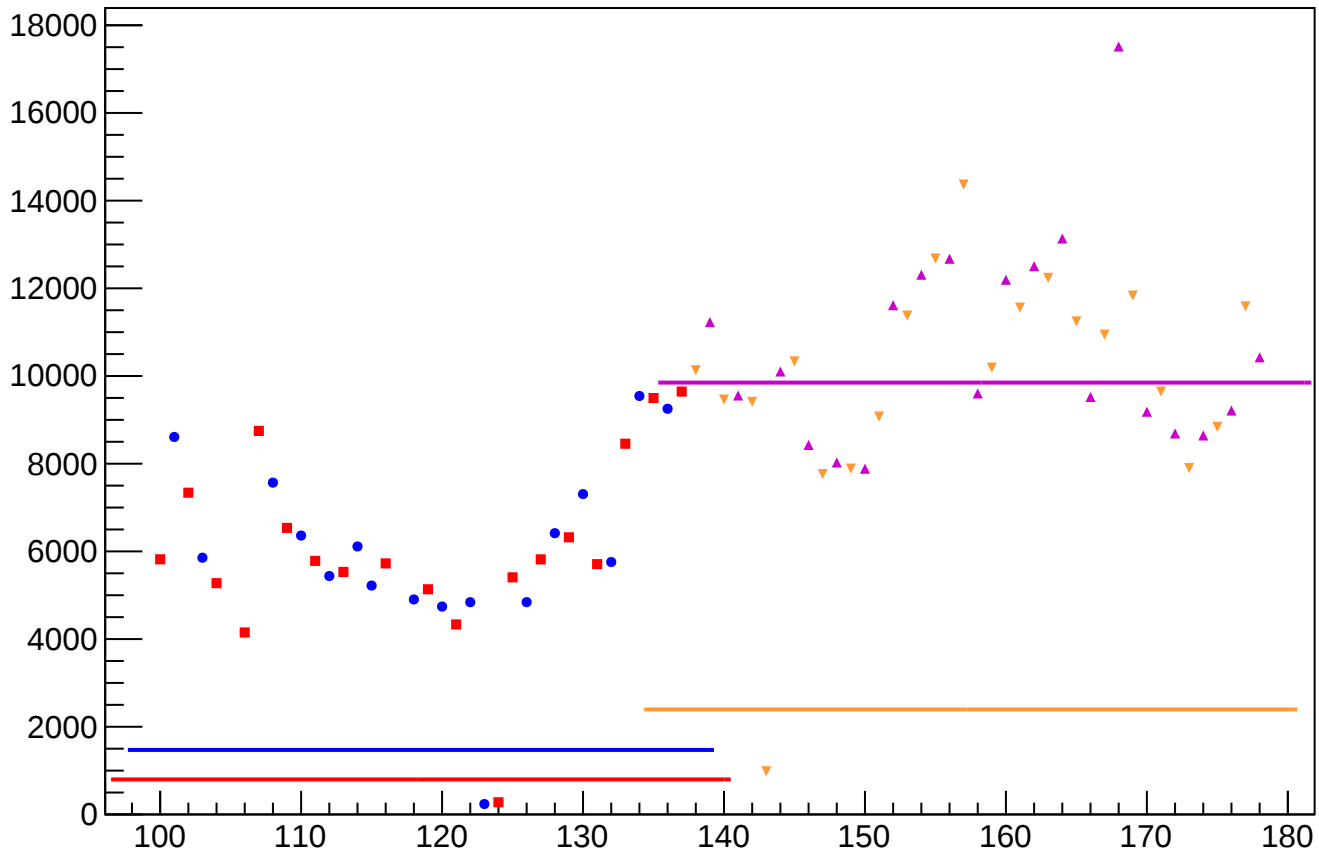
Right: -128.909 $\pm$ 585.025 χ^2/NDF : 38.0/35

In: -21.617 $\pm$ 1009.692 χ^2/NDF : 28.8/36

Out: -557.390 $\pm$ 573.525 χ^2/NDF : 53.1/39

All: -426.693 $\pm$ 498.689 χ^2/NDF : 82.0/76

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 2394.522+/-0.728 χ^2/NDF : 20729226.8/20

Right Out: 798.642+/-0.488 χ^2/NDF : 11527481.4/18

Left In: 9850.152+/-1.792 χ^2/NDF : 1045775.5/19

Left: 3450.005+/-0.674 χ^2/NDF : 36626361.7/40

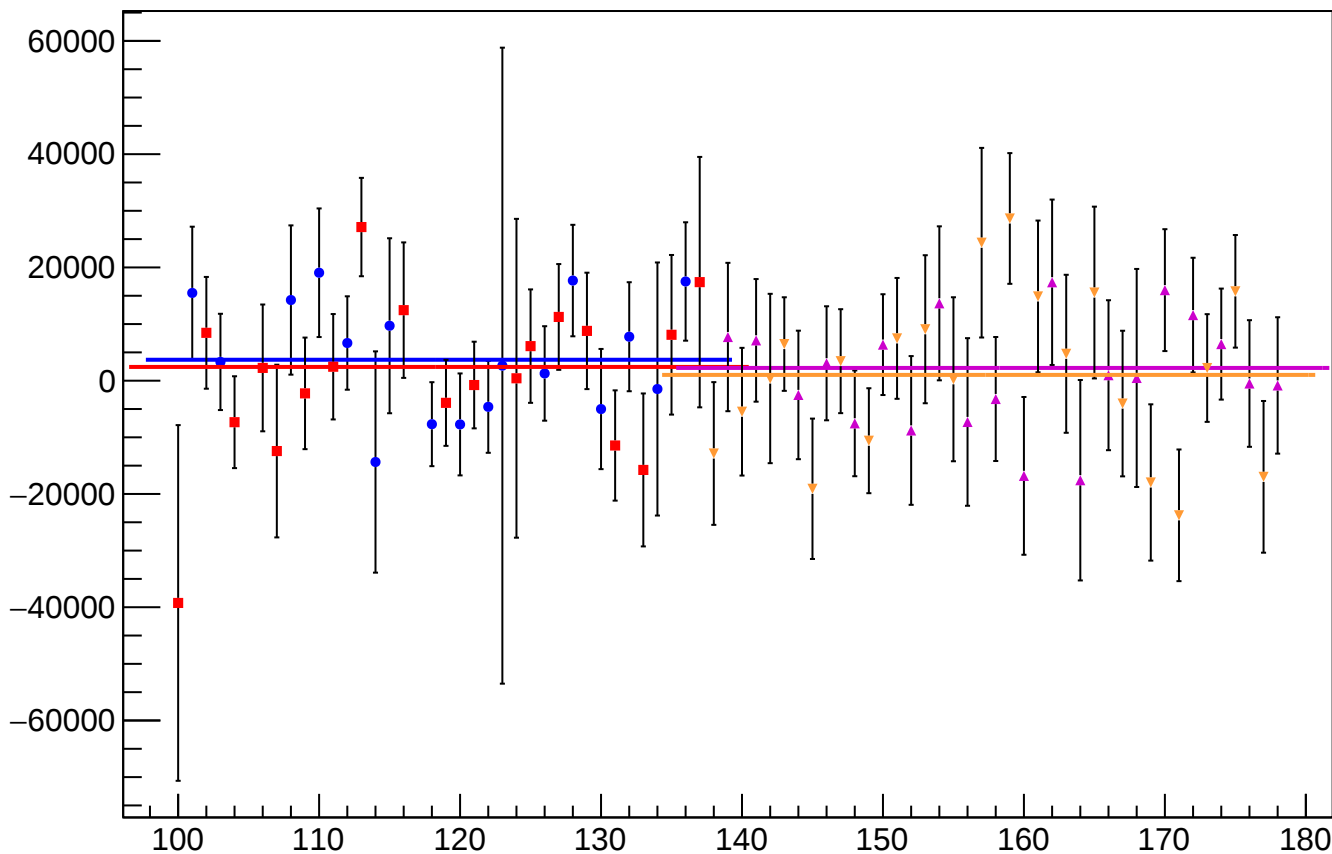
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 2800.863+/-0.714 χ^2/NDF : 29216581.3/36

Out: 1293.984+/-0.406 χ^2/NDF : 35571348.4/39

All: 1661.572+/-0.353 χ^2/NDF : 68155876.0/77

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 1023.012+/-2545.742 χ^2/NDF : 27.4/20

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 2253.701+/-2623.149 χ^2/NDF : 11.0/19

Left: 1619.931+/-1826.864 χ^2/NDF : 38.4/40

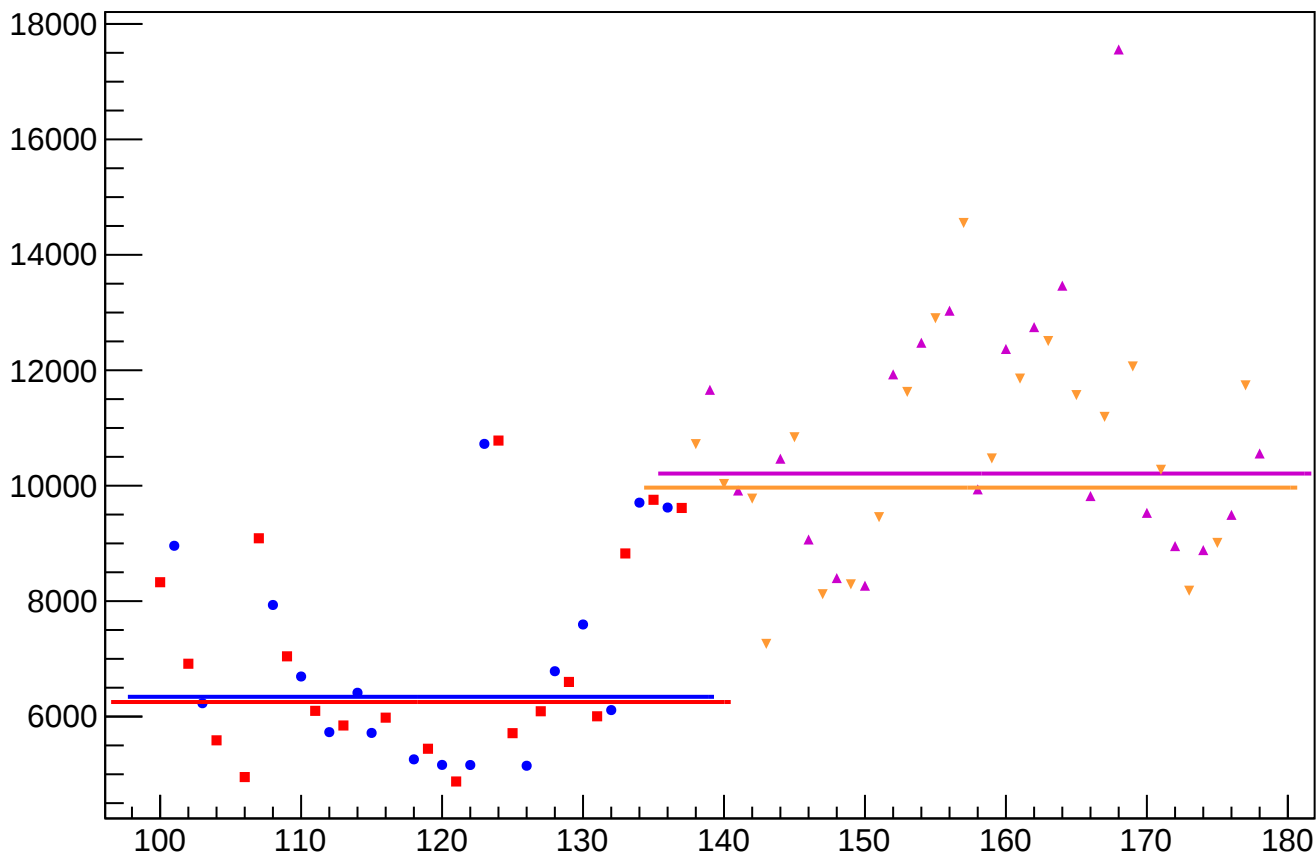
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3005.621+/-1816.511 χ^2/NDF : 25.5/36

Out: 1761.820+/-1754.507 χ^2/NDF : 47.8/39

All: 2362.131+/-1261.975 χ^2/NDF : 73.6/76

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9966.739+/-1.800 χ^2/NDF : 969778.4/20

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10210.313+/-1.855 χ^2/NDF : 941554.5/19

Left: 10084.879+/-1.292 χ^2/NDF : 1920213.2/40

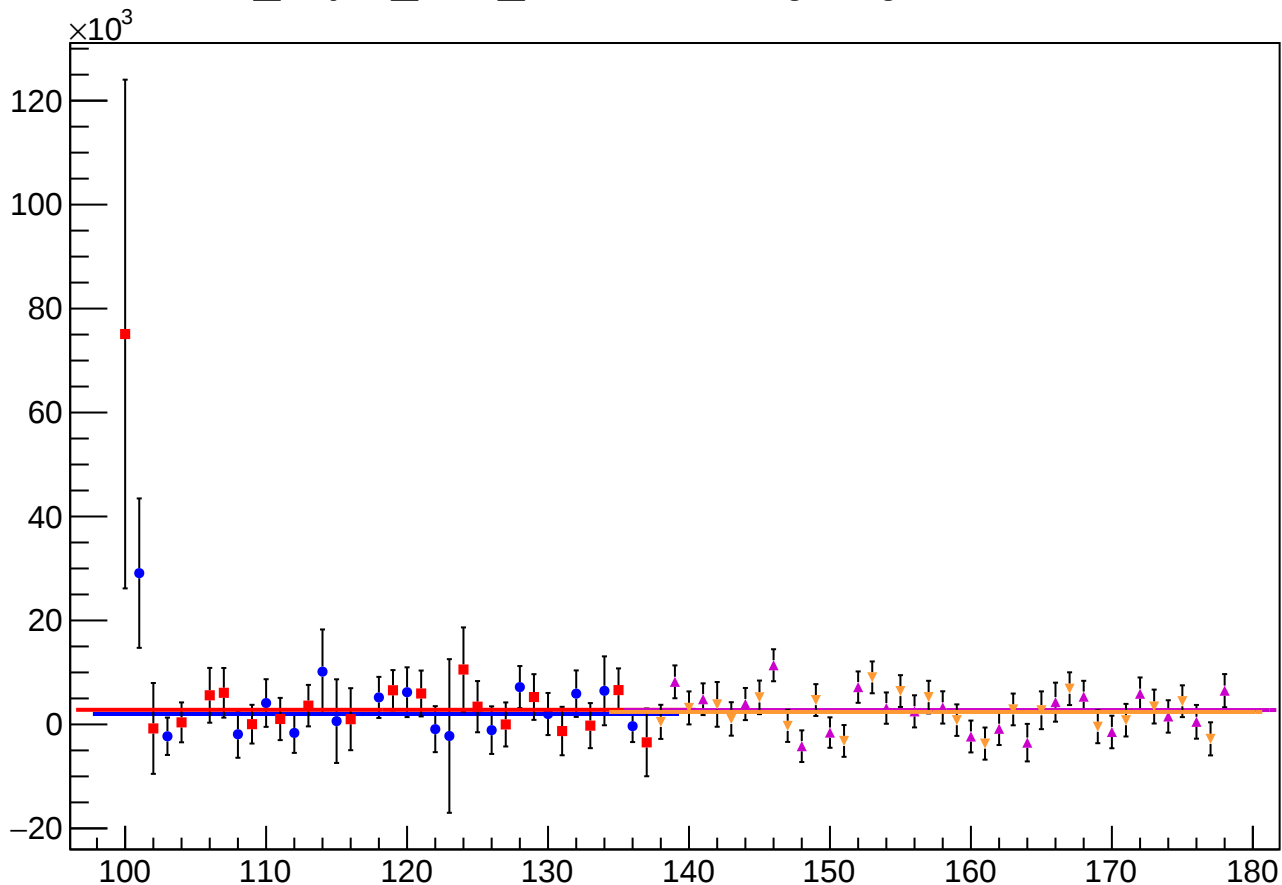
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8197.195+/-1.284 χ^2/NDF : 3798503.0/36

Out: 8016.437+/-1.241 χ^2/NDF : 3743518.8/39

All: 8103.677+/-0.892 χ^2/NDF : 7552267.7/76

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2396.400+/-695.031 χ^2/NDF : 23.8/20

Right Out: 2811.702+/-1086.544 χ^2/NDF : 10.5/18

Left In: 2765.182+/-701.010 χ^2/NDF : 33.8/19

Left: 2579.212+/-493.561 χ^2/NDF : 57.7/40

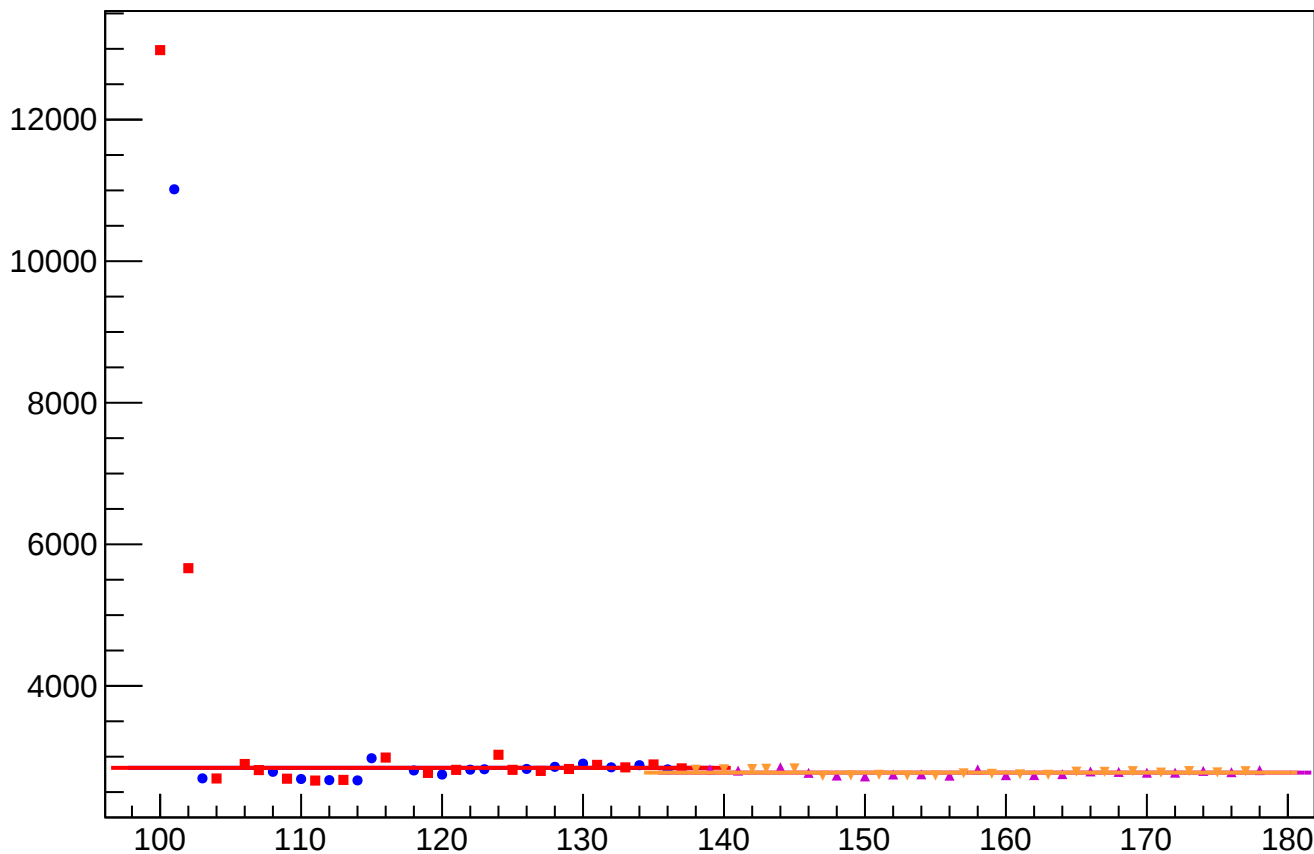
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 2552.574+/-595.021 χ^2/NDF : 47.8/36

Out: 2516.990+/-585.492 χ^2/NDF : 34.4/39

All: 2534.495+/-417.334 χ^2/NDF : 82.2/76

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628 ± 0.796 $\chi^2/\text{NDF}: 660305.1/16$

Left Out: 2774.999 ± 0.491 $\chi^2/\text{NDF}: 4748.1/20$

Right Out: 2842.440 ± 0.768 $\chi^2/\text{NDF}: 312335.6/18$

Left In: 2774.900 ± 0.496 $\chi^2/\text{NDF}: 4959.2/19$

Left: 2774.950 ± 0.349 $\chi^2/\text{NDF}: 9707.4/40$

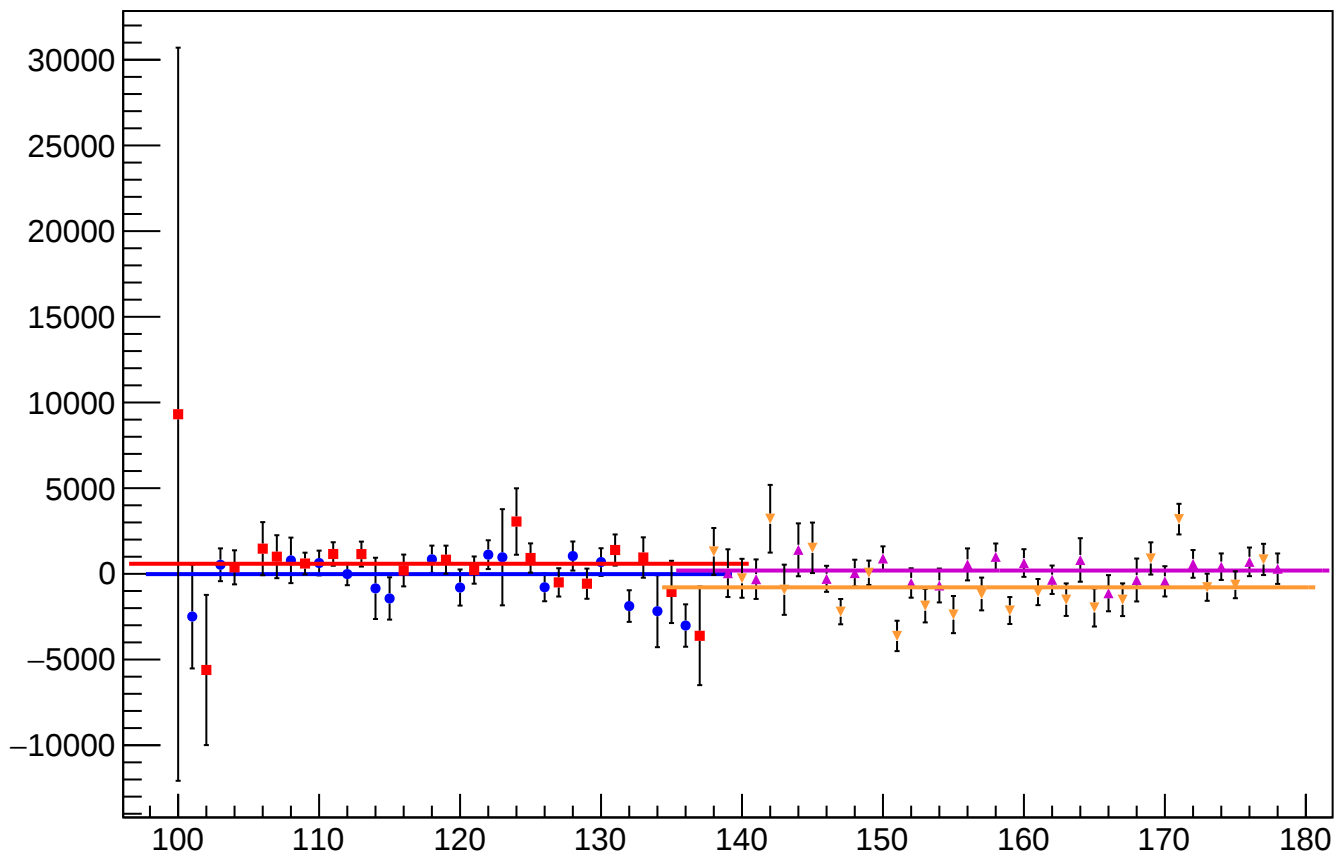
Right: 2842.531 ± 0.553 $\chi^2/\text{NDF}: 972640.7/35$

In: 2793.832 ± 0.421 $\chi^2/\text{NDF}: 670482.9/36$

Out: 2794.582 ± 0.414 $\chi^2/\text{NDF}: 322551.7/39$

All: 2794.213 ± 0.295 $\chi^2/\text{NDF}: 993036.1/76$

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 $\chi^2/\text{NDF}: 21.6/16$

Left Out: -785.909 ± 205.355 $\chi^2/\text{NDF}: 59.6/20$

Right Out: 588.581 ± 225.799 $\chi^2/\text{NDF}: 13.5/18$

Left In: 193.234 ± 201.662 $\chi^2/\text{NDF}: 8.9/19$

Left: -287.454 ± 143.884 $\chi^2/\text{NDF}: 80.1/40$

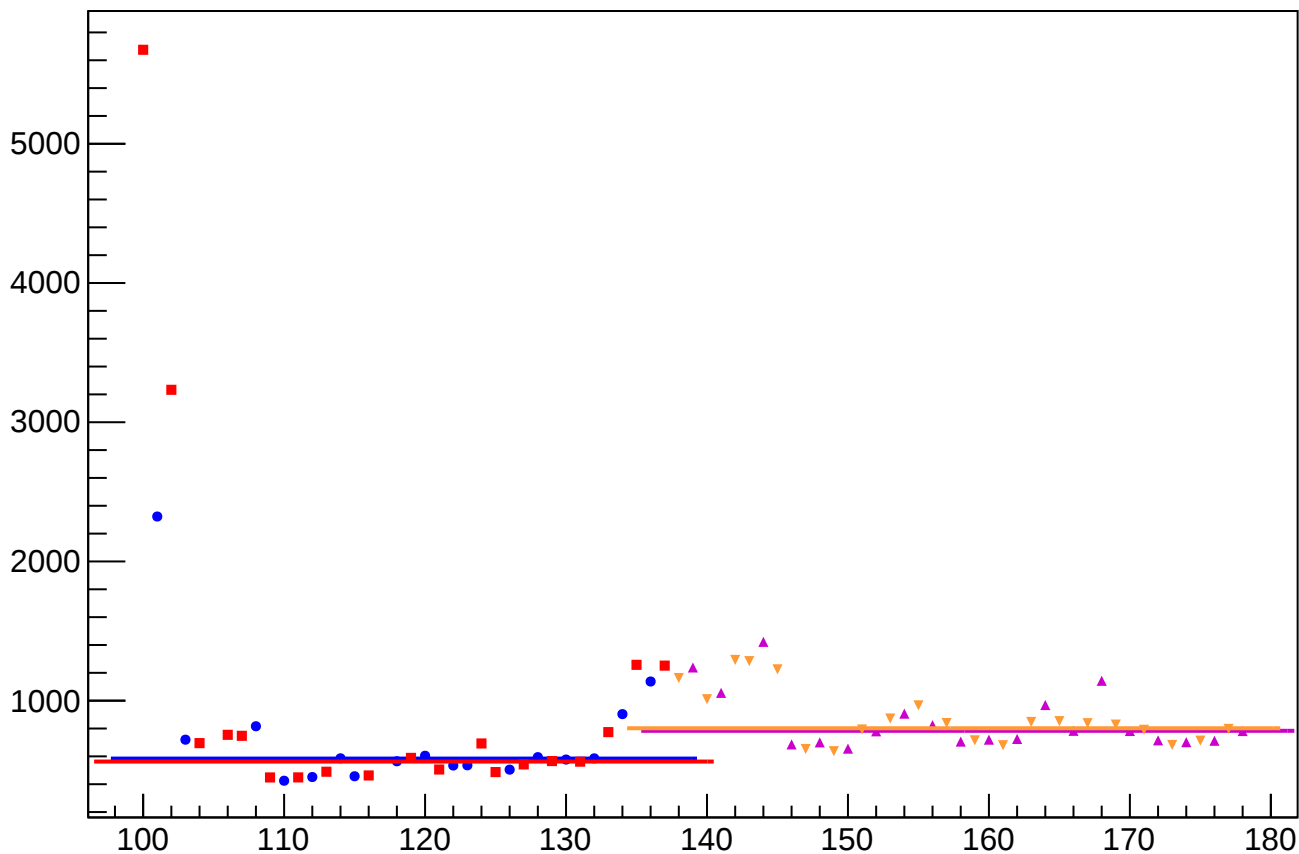
Right: 303.449 ± 164.088 $\chi^2/\text{NDF}: 38.5/35$

In: 106.315 ± 154.090 $\chi^2/\text{NDF}: 30.9/36$

Out: -163.691 ± 151.922 $\chi^2/\text{NDF}: 93.4/39$

All: -30.600 ± 108.183 $\chi^2/\text{NDF}: 125.9/76$

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 801.900+/-0.145 χ^2/NDF : 1120505.1/20

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 783.534+/-0.143 χ^2/NDF : 1125404.3/19

Left: 792.550+/-0.102 χ^2/NDF : 2254053.3/40

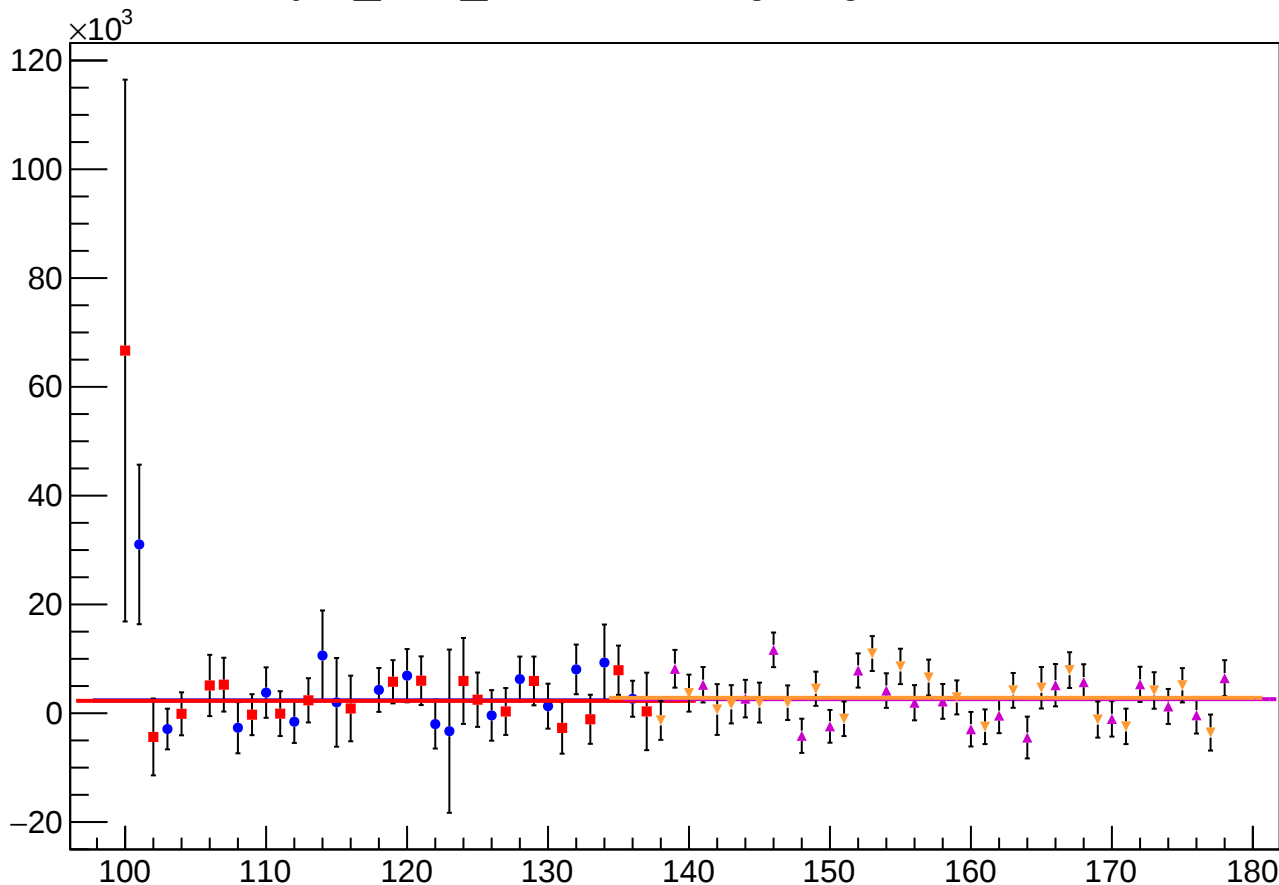
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 700.520+/-0.109 χ^2/NDF : 3376396.8/36

Out: 693.612+/-0.107 χ^2/NDF : 3988560.4/39

All: 697.017+/-0.076 χ^2/NDF : 7366995.3/76

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 2829.608 $\pm$ 730.491 χ^2 /NDF: 28.6/20

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2586.277 $\pm$ 734.825 χ^2 /NDF: 34.7/19

Left: 2708.662 $\pm$ 518.061 χ^2 /NDF: 63.3/40

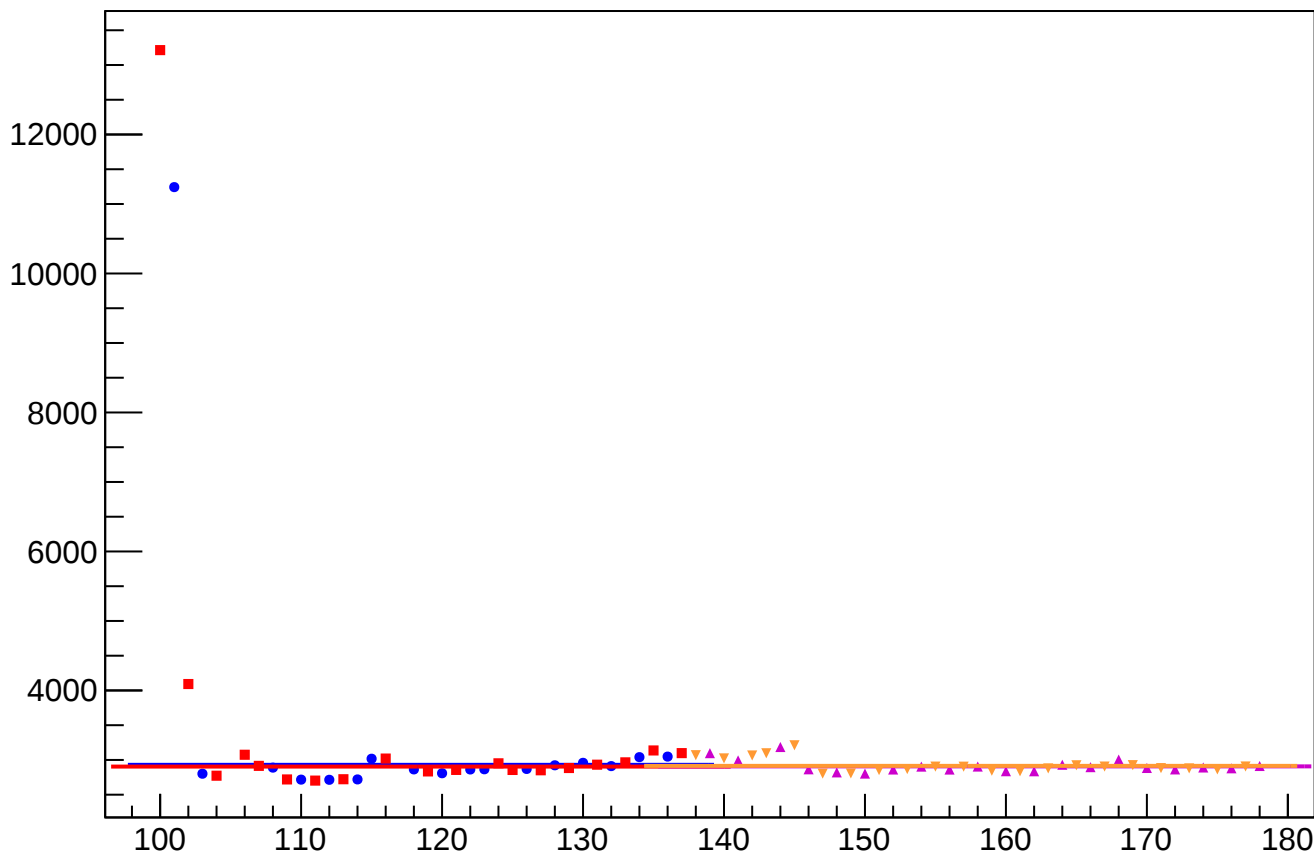
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2522.275 $\pm$ 620.747 χ^2 /NDF: 49.8/36

Out: 2663.105 $\pm$ 610.482 χ^2 /NDF: 38.9/39

All: 2593.864 $\pm$ 435.260 χ^2 /NDF: 88.8/76

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2914.868+/-0.517 χ^2/NDF : 35604.2/20

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2907.565+/-0.520 χ^2/NDF : 29858.7/19

Left: 2911.238+/-0.366 χ^2/NDF : 65562.2/40

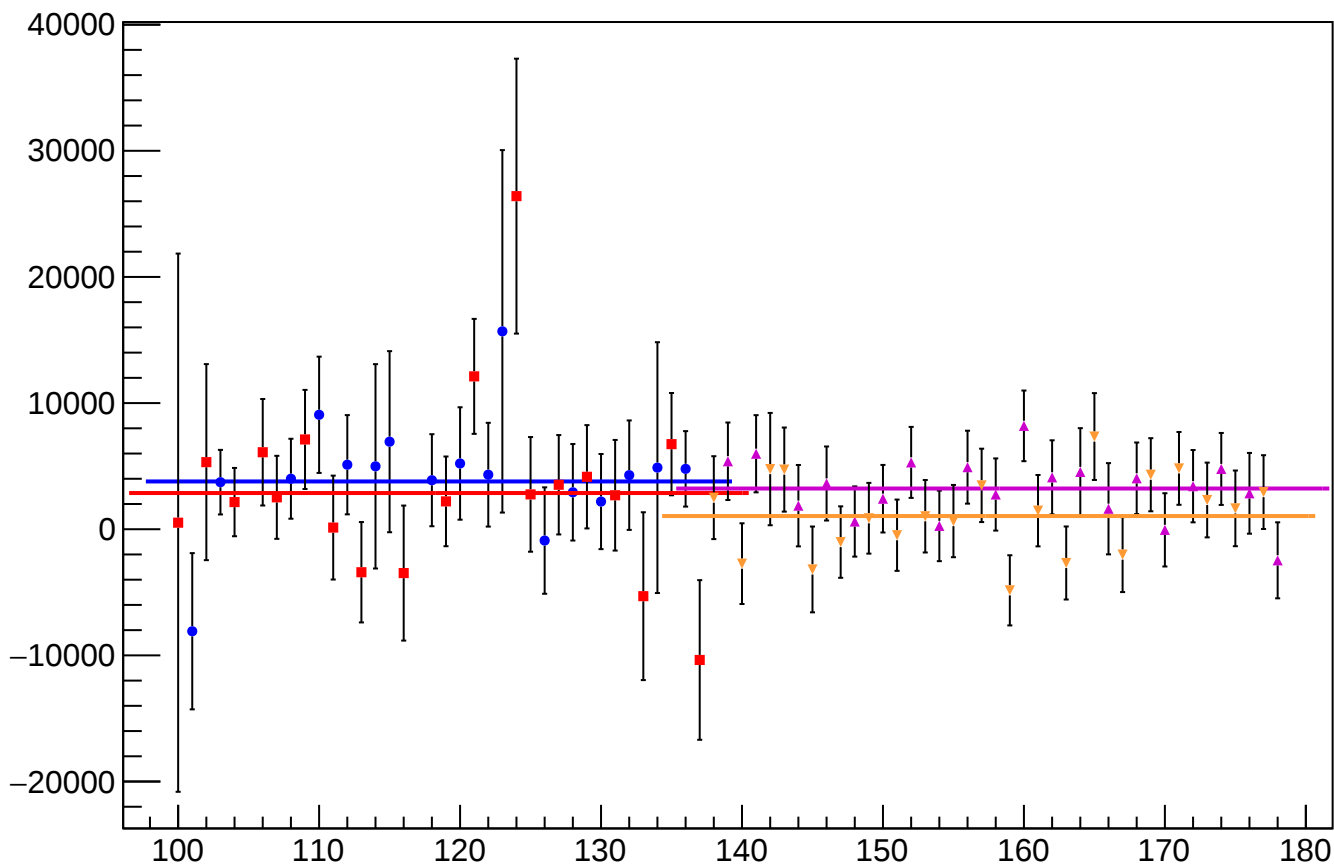
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2913.891+/-0.439 χ^2/NDF : 693005.2/36

Out: 2911.762+/-0.432 χ^2/NDF : 205012.7/39

All: 2912.809+/-0.308 χ^2/NDF : 898029.9/76

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 1044.590 $\pm$ 658.281 χ^2/NDF : 20.8/20

Right Out: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

Left In: 3227.509 $\pm$ 661.135 χ^2/NDF : 13.3/19

Left: 2131.327 $\pm$ 466.481 χ^2/NDF : 39.6/40

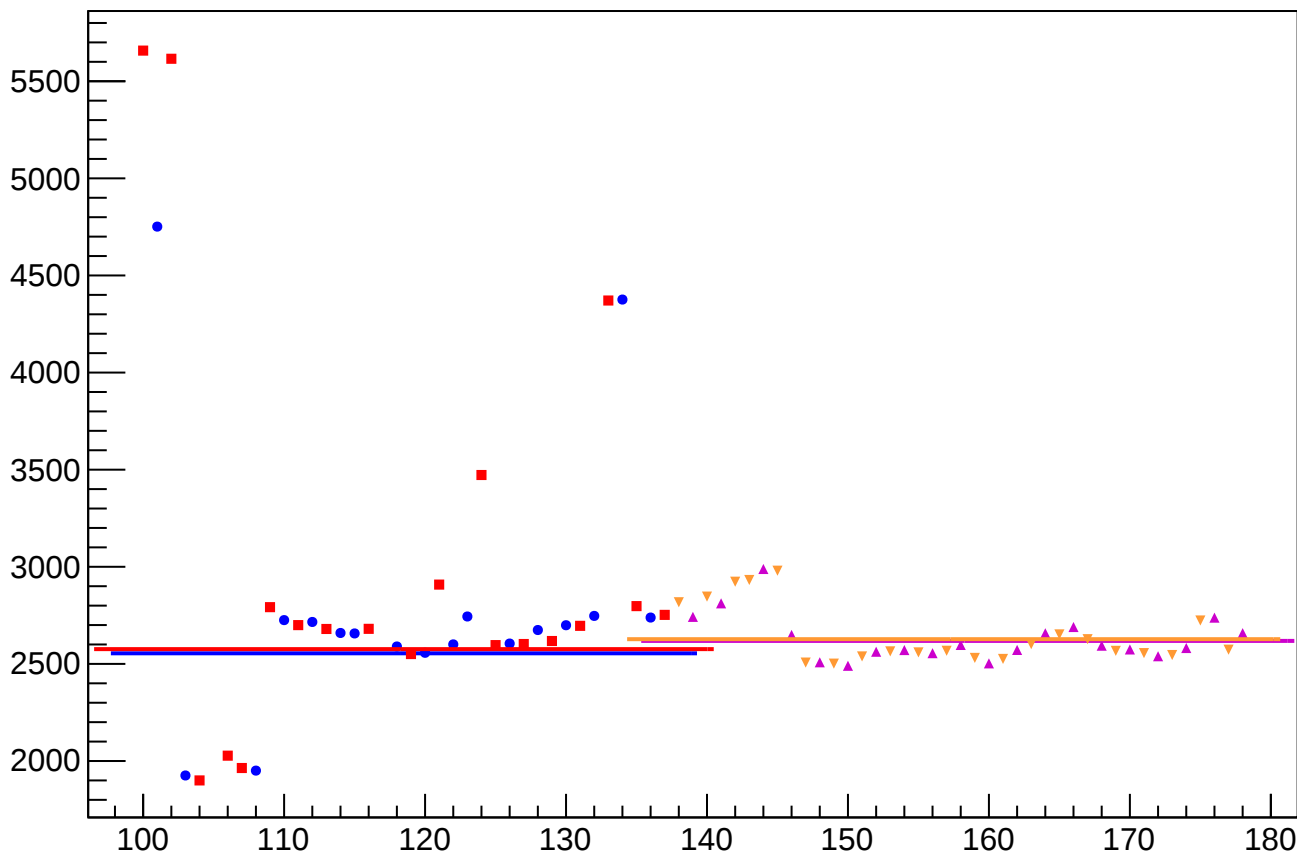
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3396.024 $\pm$ 552.852 χ^2/NDF : 21.3/36

Out: 1594.025 $\pm$ 550.334 χ^2/NDF : 45.1/39

All: 2490.910 $\pm$ 390.032 χ^2/NDF : 71.8/76

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2/NDF : 536626.0/16

Left Out: 2627.245 $\pm$ 0.465 χ^2/NDF : 87280.3/20

Right Out: 2576.077 $\pm$ 0.709 χ^2/NDF : 765156.6/18

Left In: 2618.403 $\pm$ 0.467 χ^2/NDF : 58497.0/19

Left: 2622.843 $\pm$ 0.330 χ^2/NDF : 145956.9/40

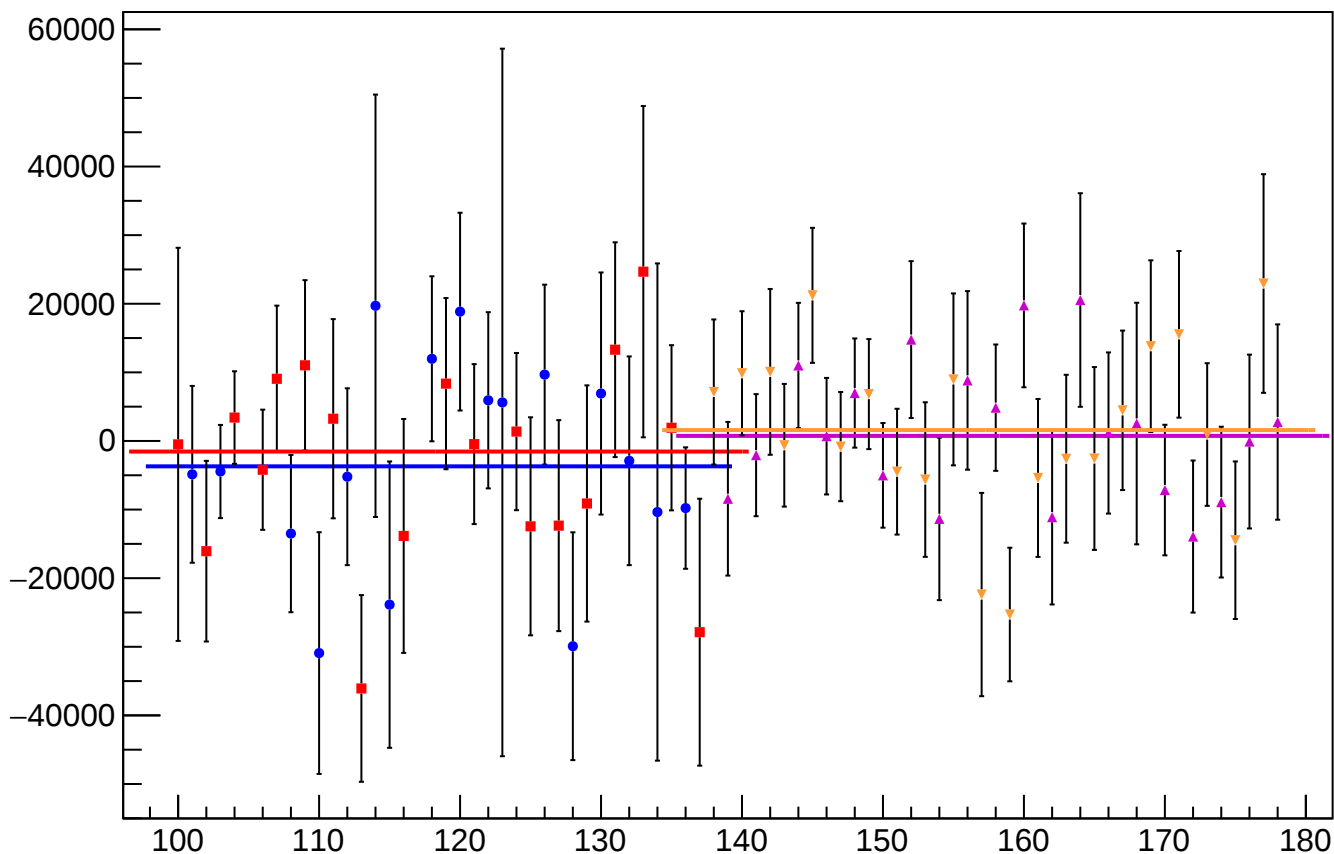
Right: 2565.366 $\pm$ 0.503 χ^2/NDF : 1302241.7/35

In: 2599.196 $\pm$ 0.391 χ^2/NDF : 600735.9/36

Out: 2611.831 $\pm$ 0.389 χ^2/NDF : 856077.1/39

All: 2605.543 $\pm$ 0.276 χ^2/NDF : 1457337.8/76

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 1583.863 $\pm$ 2327.300 χ^2/NDF : 24.3/20

Right Out: -1544.858 $\pm$ 2896.847 χ^2/NDF : 16.8/18

Left In: 741.480 $\pm$ 2367.817 χ^2/NDF : 14.6/19

Left: 1169.940 $\pm$ 1659.789 χ^2/NDF : 39.0/40

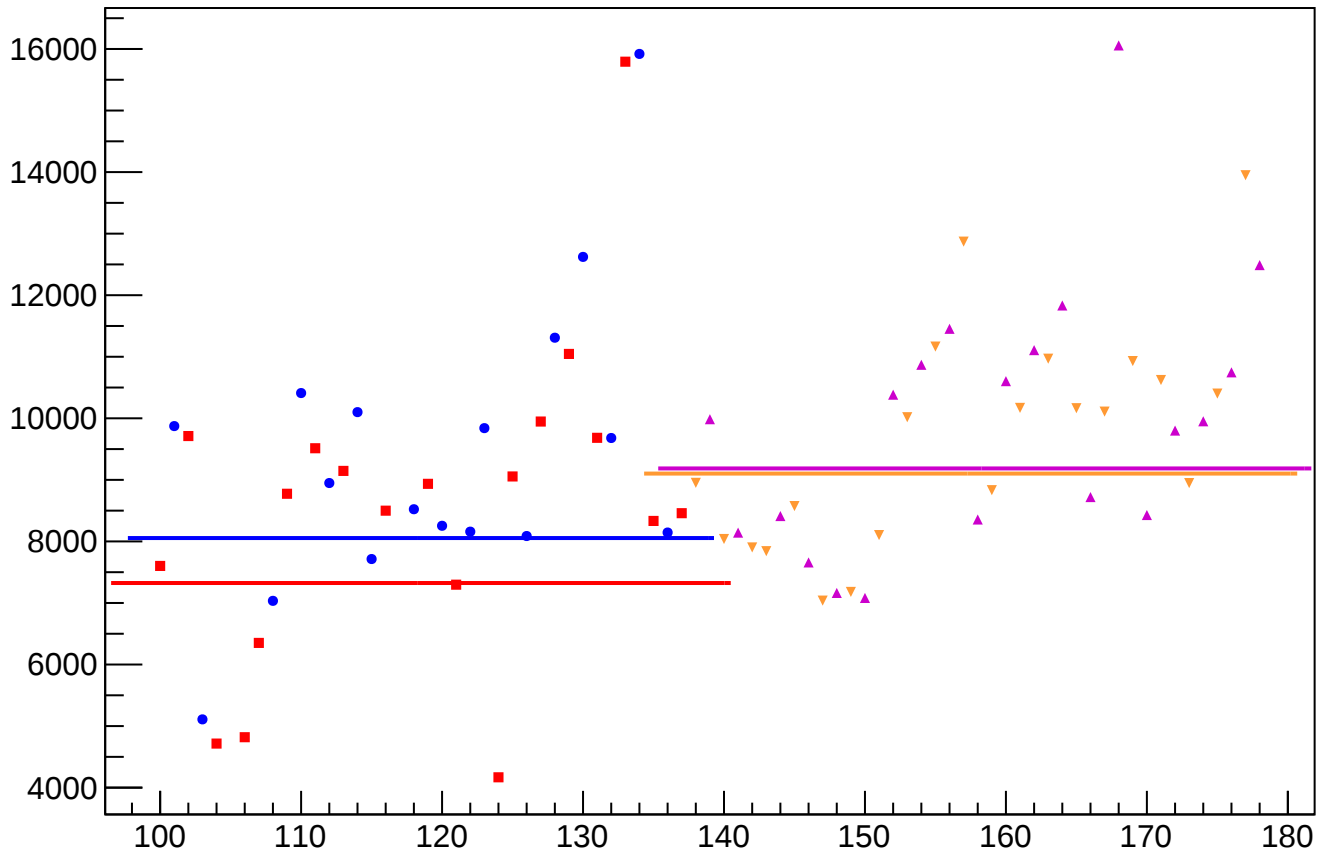
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: -818.486 $\pm$ 1907.137 χ^2/NDF : 29.7/36

Out: 356.595 $\pm$ 1814.311 χ^2/NDF : 41.8/39

All: -201.653 $\pm$ 1314.503 χ^2/NDF : 71.6/76

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 9102.065 $\pm$ 1.646 χ^2 /NDF: 941211.8/20

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 9185.542 $\pm$ 1.674 χ^2 /NDF: 1143564.3/19

Left: 9143.083 $\pm$ 1.174 χ^2 /NDF: 2086040.4/40

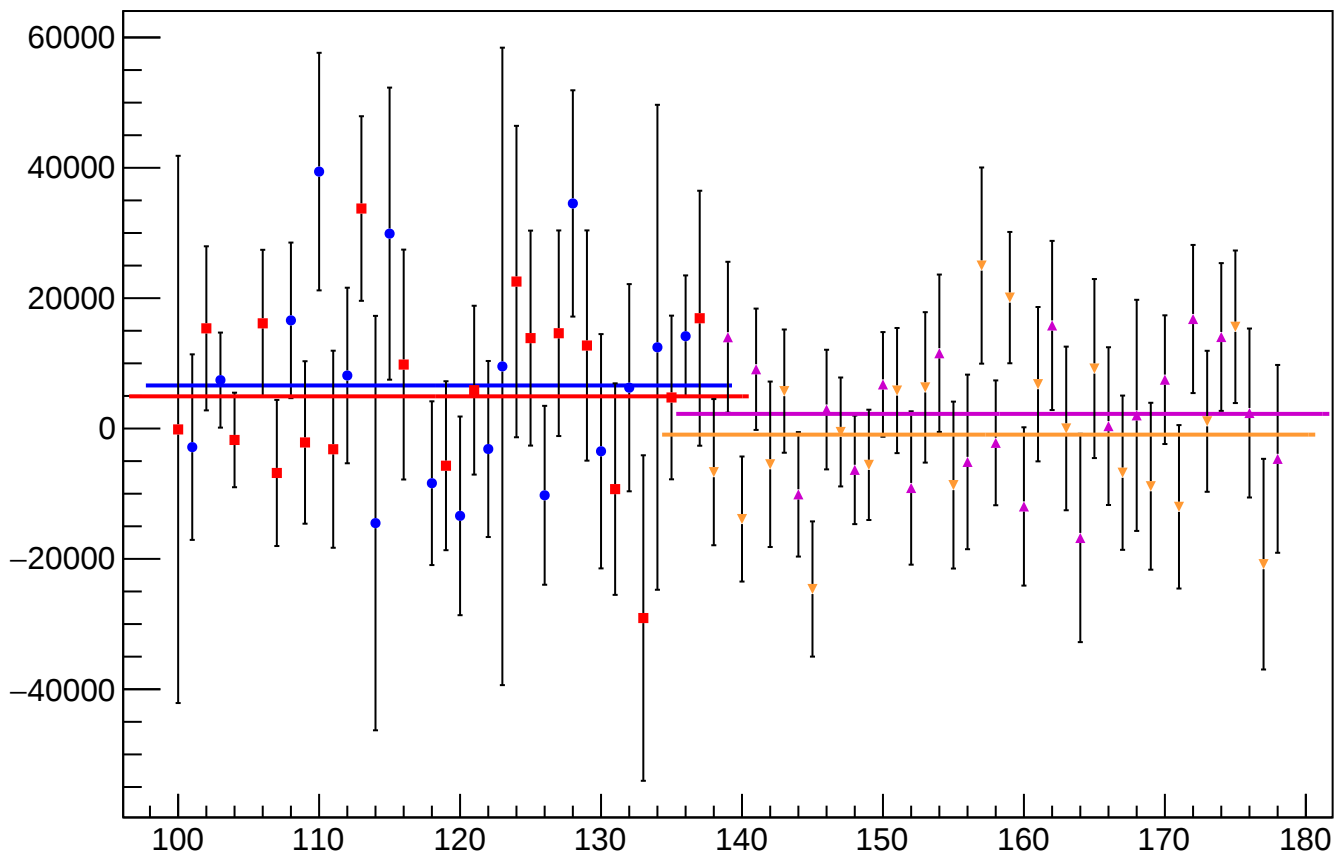
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8788.343 $\pm$ 1.349 χ^2 /NDF: 2124547.4/36

Out: 8404.718 $\pm$ 1.283 χ^2 /NDF: 2735130.9/39

All: 8586.967 $\pm$ 0.929 χ^2 /NDF: 4902157.7/76

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: -936.561 $\pm$ 2421.232 χ^2/NDF : 22.7/20

Right Out: 4938.727 $\pm$ 3167.808 χ^2/NDF : 13.6/18

Left In: 2246.697 $\pm$ 2457.859 χ^2/NDF : 13.8/19

Left: 631.173 $\pm$ 1724.873 χ^2/NDF : 37.4/40

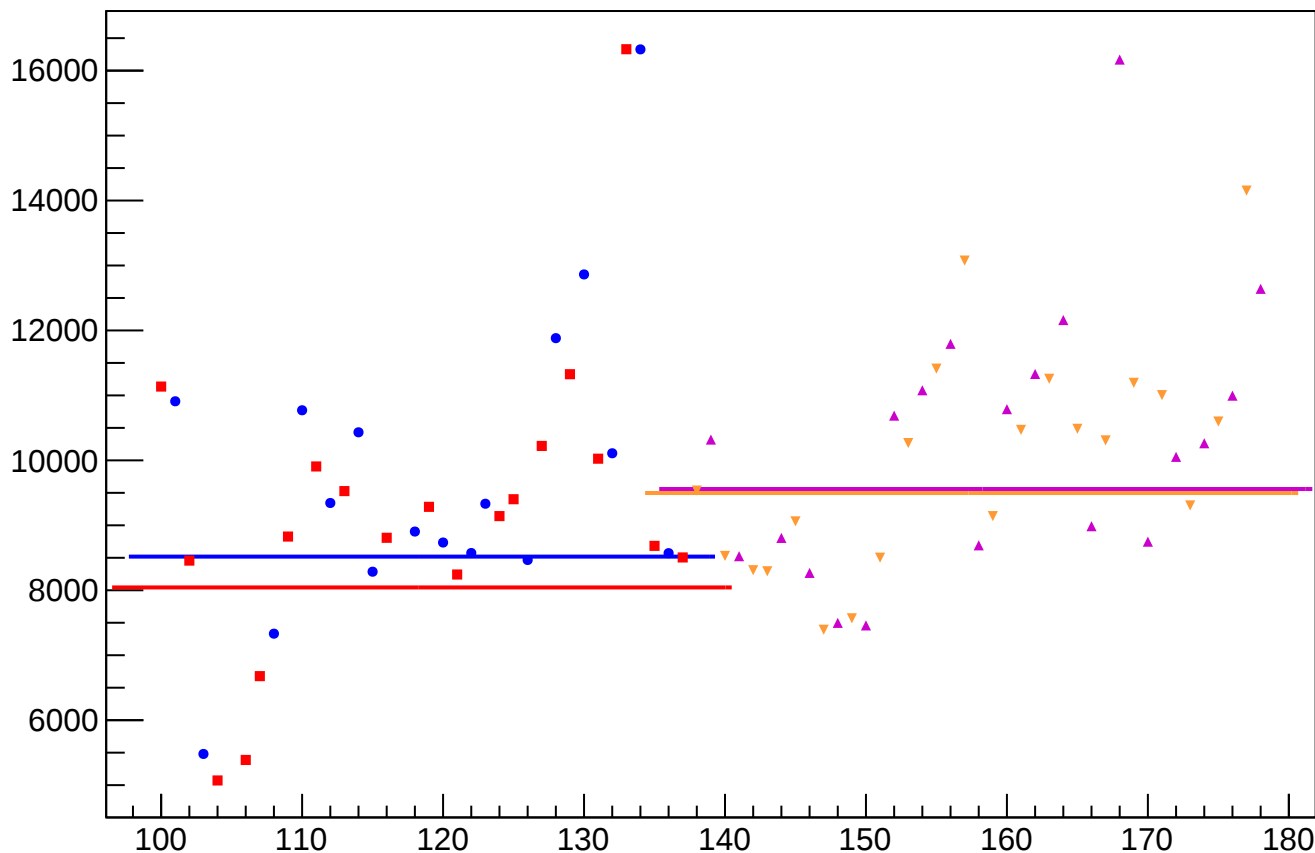
Right: 5715.122 $\pm$ 2316.410 χ^2/NDF : 28.4/35

In: 3745.754 $\pm$ 1991.062 χ^2/NDF : 29.6/36

Out: 1230.029 $\pm$ 1923.679 χ^2/NDF : 38.5/39

All: 2444.601 $\pm$ 1383.455 χ^2/NDF : 68.9/76

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9497.377+/-1.712 χ^2/NDF : 816340.3/20

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9559.097+/-1.738 χ^2/NDF : 1001259.9/19

Left: 9527.774+/-1.220 χ^2/NDF : 1818240.2/40

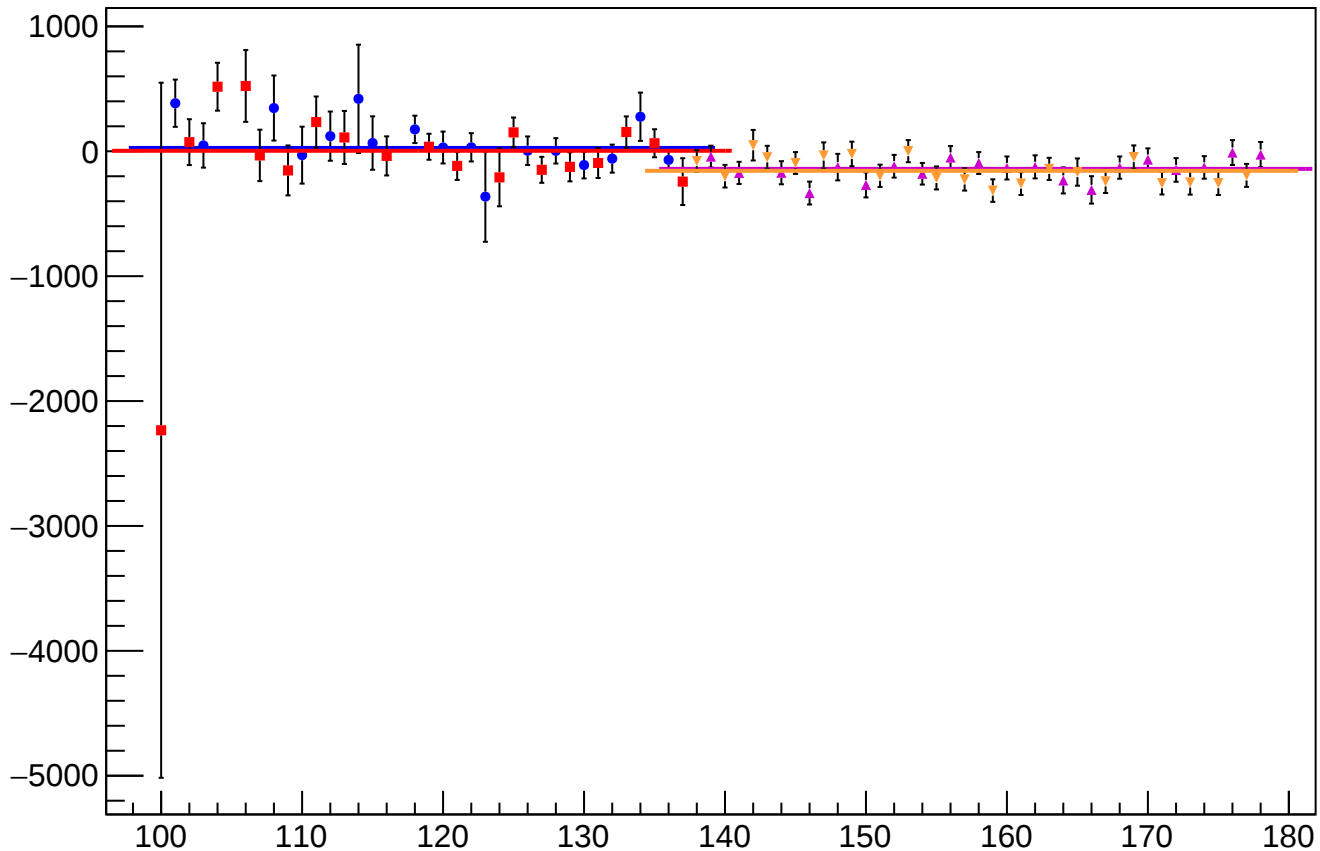
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9201.293+/-1.408 χ^2/NDF : 1896548.2/36

Out: 8961.310+/-1.360 χ^2/NDF : 2035758.1/39

All: 9077.170+/-0.978 χ^2/NDF : 3947334.0/76

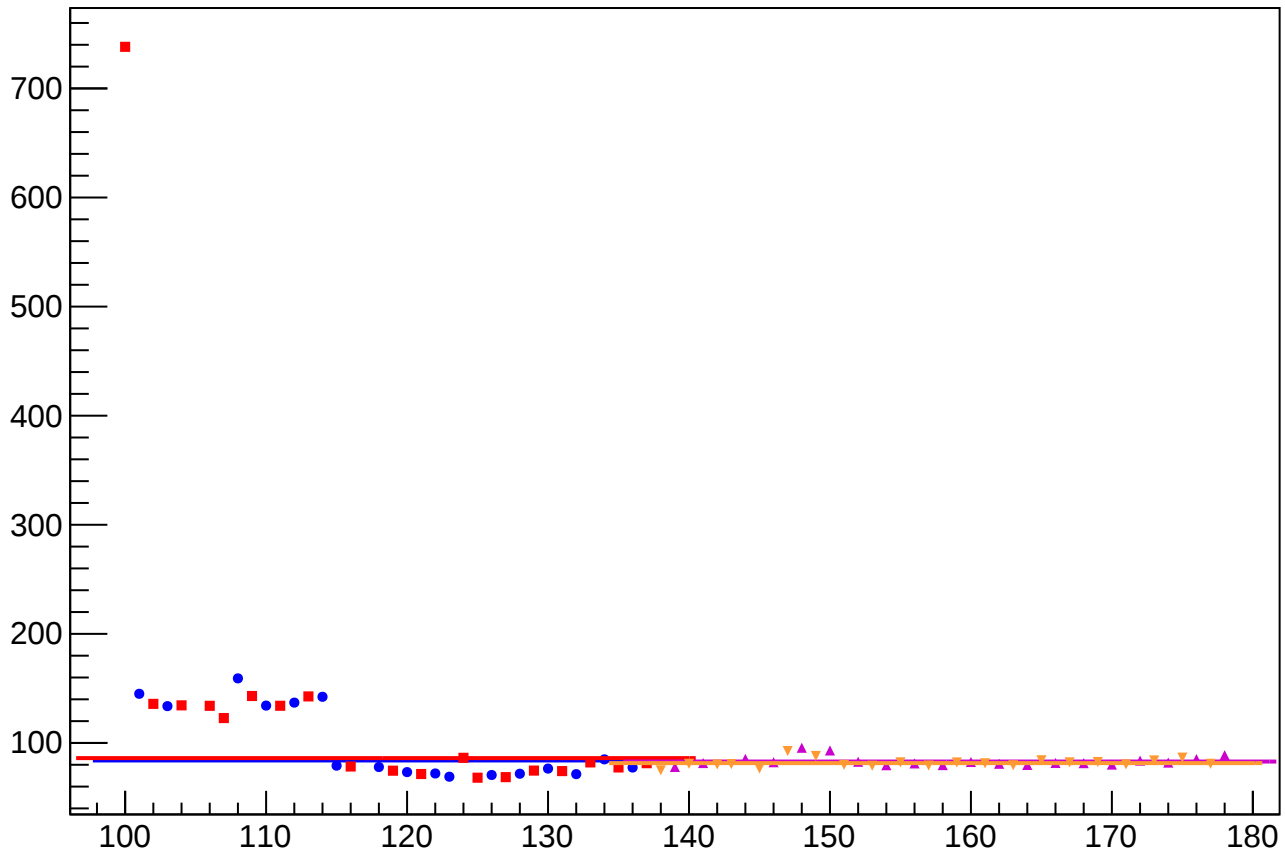
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
Left Out: -156.391 ± 20.416 $\chi^2/\text{NDF}: 23.2/20$
Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$
Left In: -140.864 ± 20.973 $\chi^2/\text{NDF}: 16.0/19$

Left: -148.836 ± 14.629 $\chi^2/\text{NDF}: 39.6/40$
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$
In: -93.932 ± 17.795 $\chi^2/\text{NDF}: 48.4/36$
Out: -113.586 ± 17.481 $\chi^2/\text{NDF}: 64.3/39$
All: -103.934 ± 12.471 $\chi^2/\text{NDF}: 113.4/76$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.524+/-0.014 χ^2/NDF : 62607.8/20

Right Out: 86.109+/-0.024 χ^2/NDF : 1136227.7/18

Left In: 82.965+/-0.015 χ^2/NDF : 77487.4/19

Left: 82.226+/-0.010 χ^2/NDF : 144942.6/40

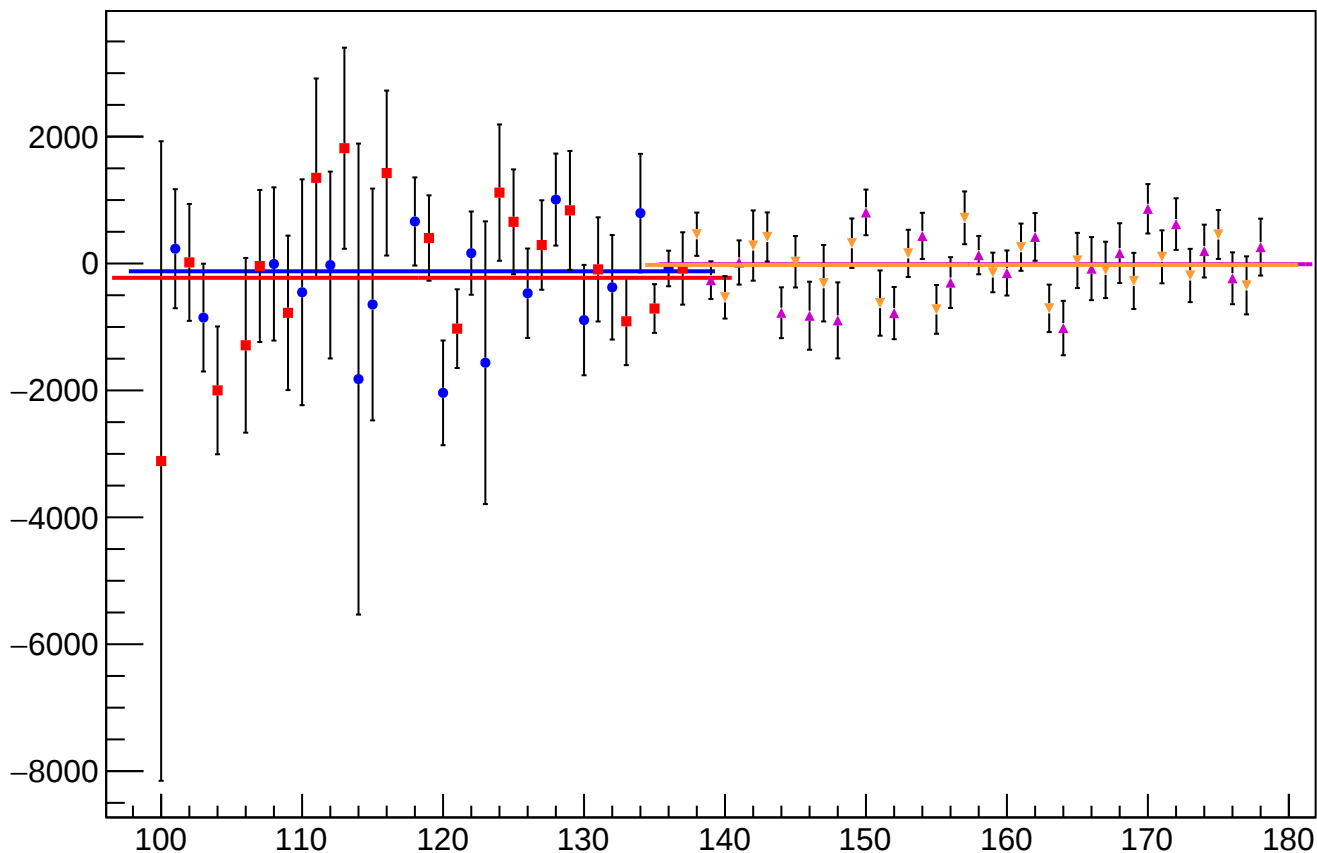
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 83.244+/-0.013 χ^2/NDF : 1039002.4/36

Out: 82.748+/-0.012 χ^2/NDF : 1225743.3/39

All: 82.992+/-0.009 χ^2/NDF : 2265537.5/76

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -22.325 $\pm$ 87.887 χ^2 /NDF:21.8/20

Right Out: -225.420 $\pm$ 184.973 χ^2 /NDF: 18.3/18

Left In: -11.150 $\pm$ 88.130 χ^2 /NDF:35.2/19

Left: -16.753 $\pm$ 62.231 χ^2 /NDF: 57.0/40

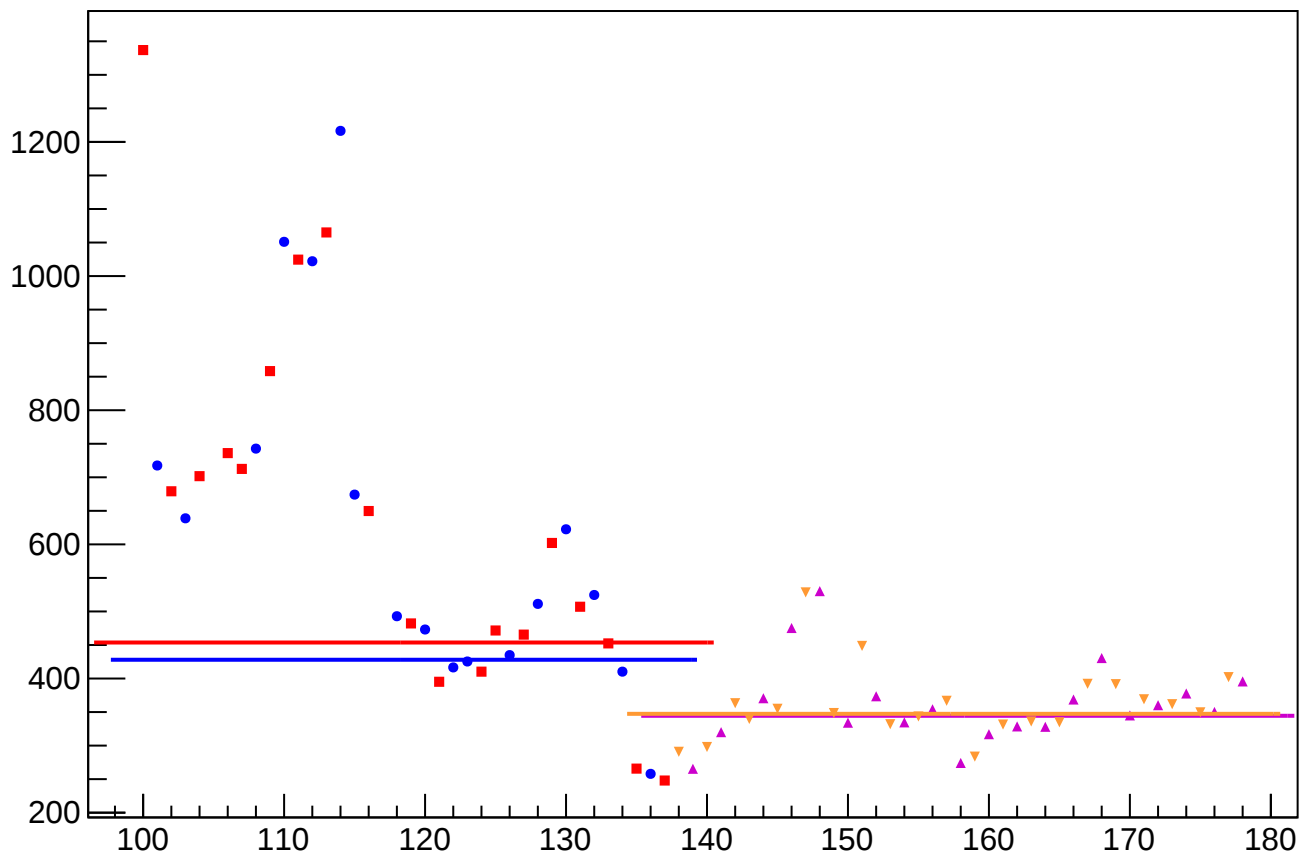
Right: -172.394 $\pm$ 128.849 χ^2 /NDF: 31.5/35

In: -32.744 $\pm$ 79.117 χ^2 /NDF:48.6/36

Out: -59.729 $\pm$ 79.382 χ^2 /NDF:41.1/39

All: -46.191 $\pm$ 56.038 χ^2 /NDF: 89.8/76

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 347.363 $\pm$ 0.062 χ^2 /NDF: 535604.3/20

Right Out: 453.699 $\pm$ 0.131 χ^2 /NDF: 2134547.2/18

Left In: 344.447 $\pm$ 0.062 χ^2 /NDF: 725764.1/19

Left: 345.909 $\pm$ 0.044 χ^2 /NDF: 1262465.9/40

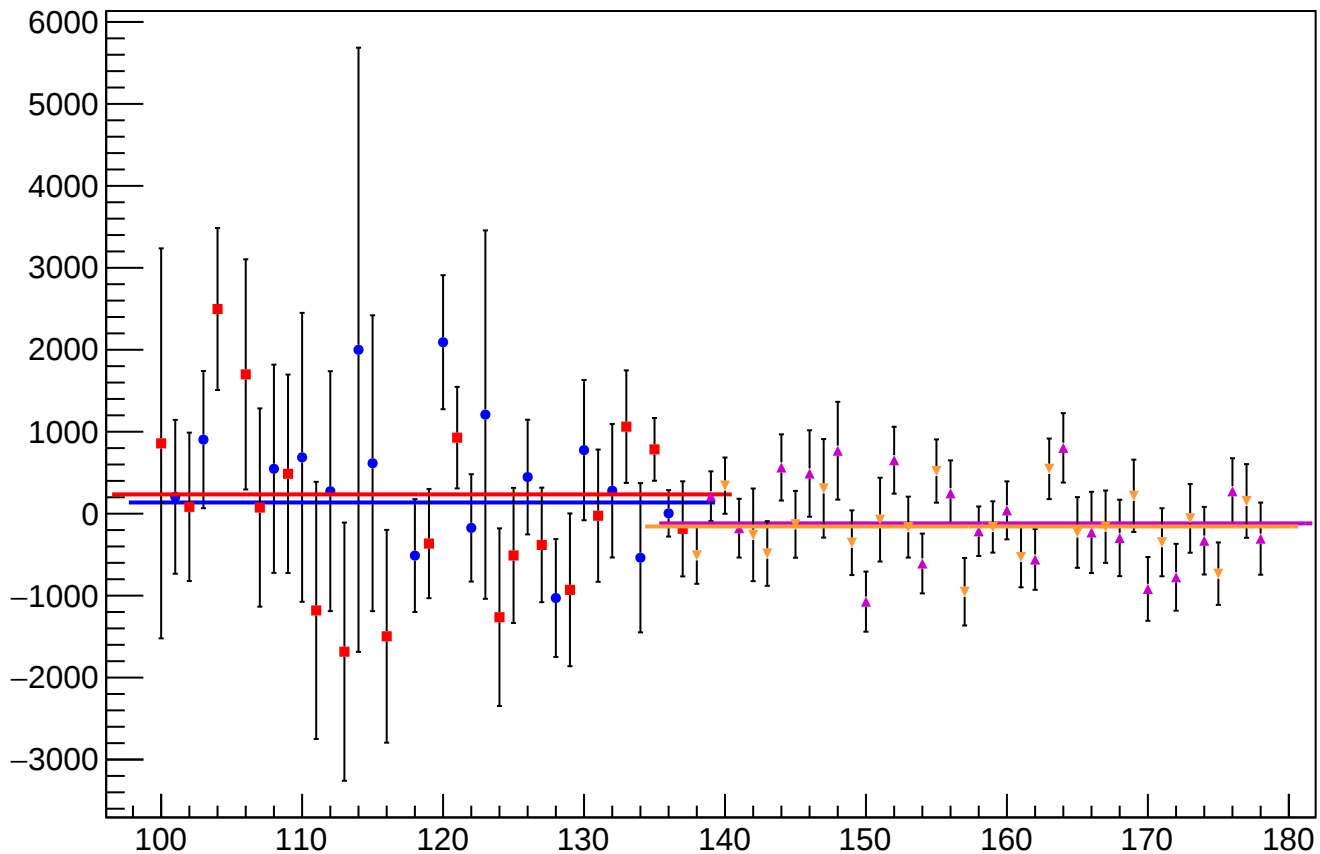
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 360.660 $\pm$ 0.056 χ^2 /NDF: 3136782.5/36

Out: 366.947 $\pm$ 0.056 χ^2 /NDF: 3209377.7/39

All: 363.793 $\pm$ 0.040 χ^2 /NDF: 6352452.9/76

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -155.807 $\pm$ 88.032 χ^2/NDF : 20.0/20

Right Out: 235.334 $\pm$ 184.025 χ^2/NDF : 21.8/18

Left In: -118.362 $\pm$ 88.176 χ^2/NDF : 35.4/19

Left: -137.115 $\pm$ 62.299 χ^2/NDF : 55.5/40

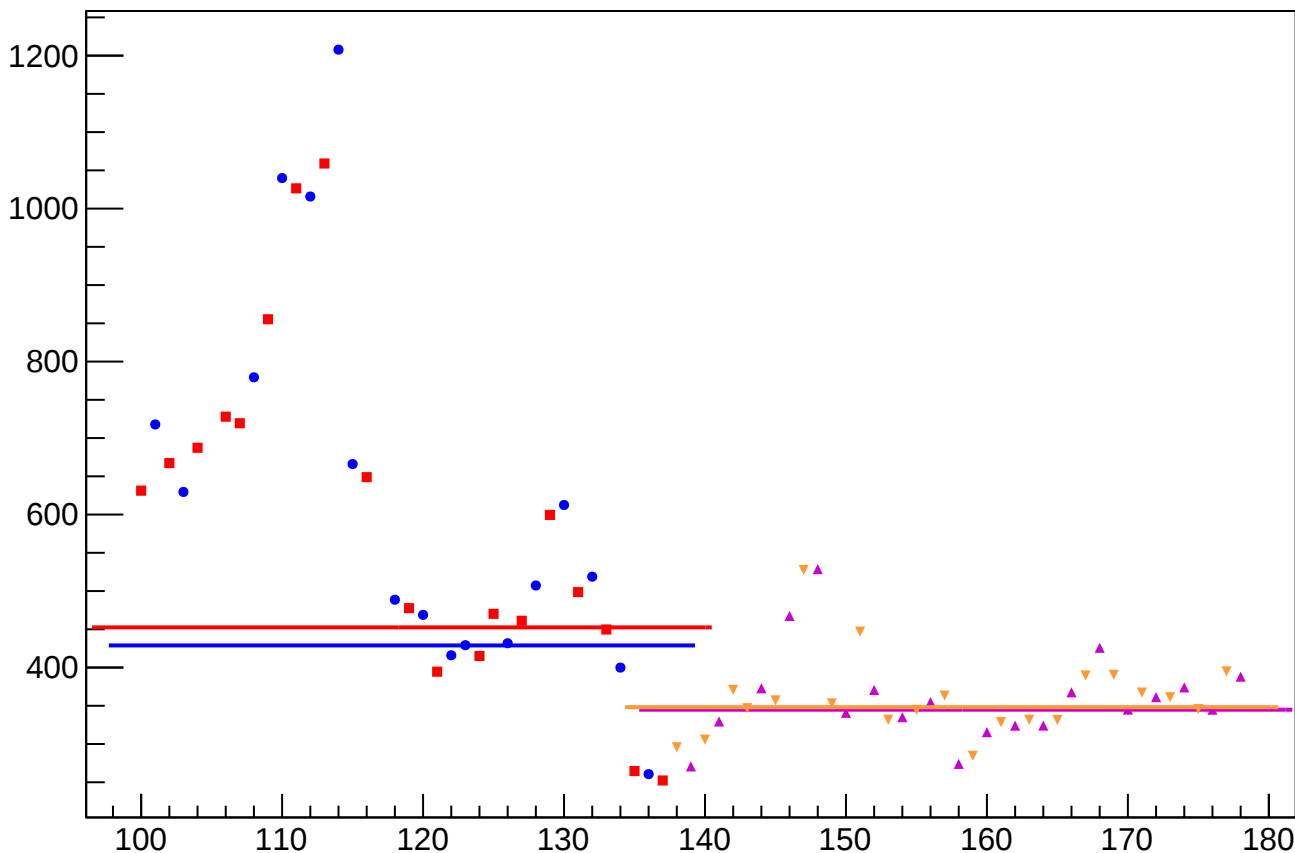
Right: 184.875 $\pm$ 128.536 χ^2/NDF : 34.6/35

In: -68.805 $\pm$ 79.152 χ^2/NDF : 49.7/36

Out: -82.968 $\pm$ 79.413 χ^2/NDF : 45.5/39

All: -75.863 $\pm$ 56.061 χ^2/NDF : 95.2/76

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 348.166+/-0.062 χ^2/NDF : 499178.8/20

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 344.863+/-0.062 χ^2/NDF : 673107.5/19

Left: 346.517+/-0.044 χ^2/NDF : 1173691.9/40

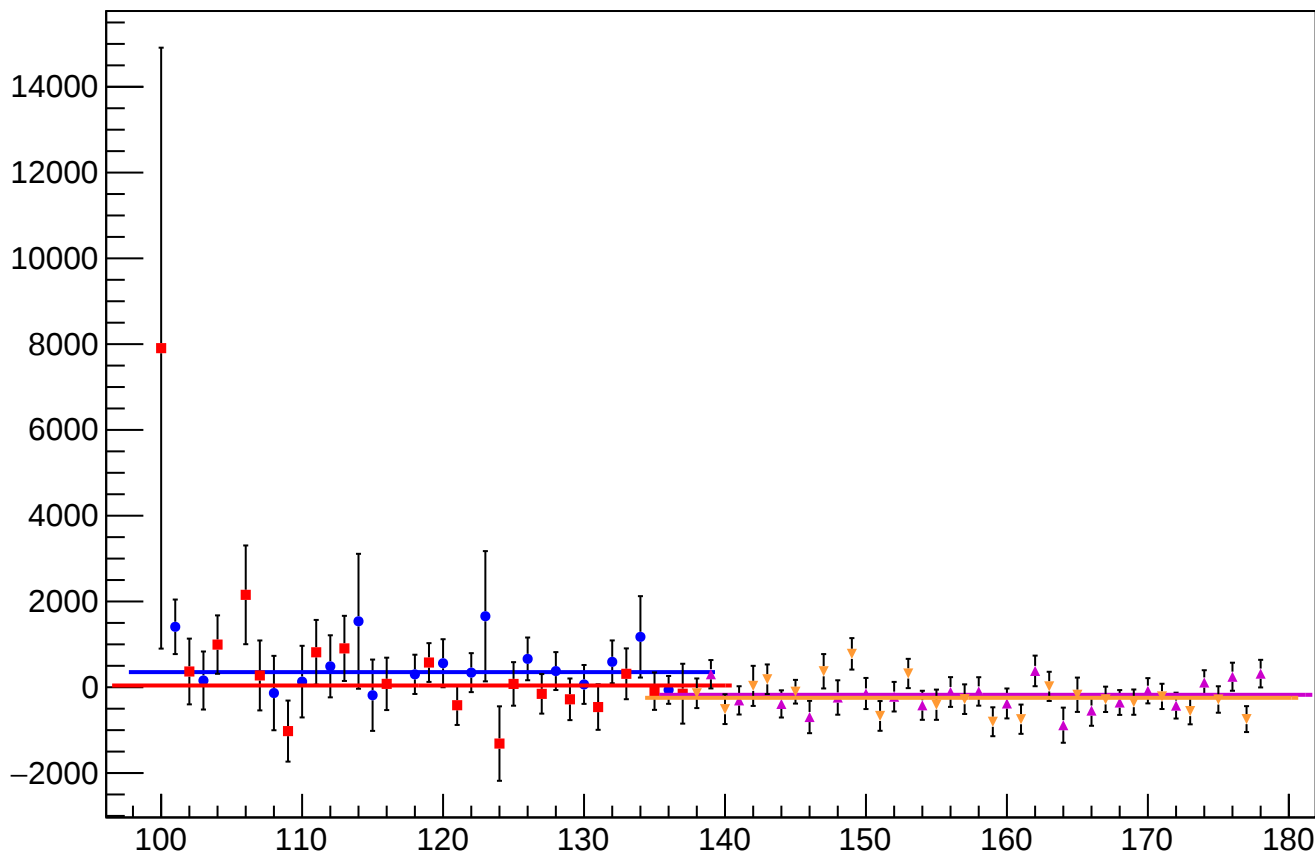
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 361.182+/-0.056 χ^2/NDF : 3036417.2/36

Out: 367.593+/-0.056 χ^2/NDF : 3064297.1/39

All: 364.377+/-0.040 χ^2/NDF : 6107253.7/76

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927+/-137.298 χ^2/NDF : 8.5/16

Left Out: -246.377+/-72.858 χ^2/NDF :26.9/20

Right Out: 41.079+/-138.996 χ^2/NDF : 18.2/18

Left In: -176.198+/-74.668 χ^2/NDF :18.3/19

Left: -212.148+/-52.146 χ^2/NDF : 45.6/40

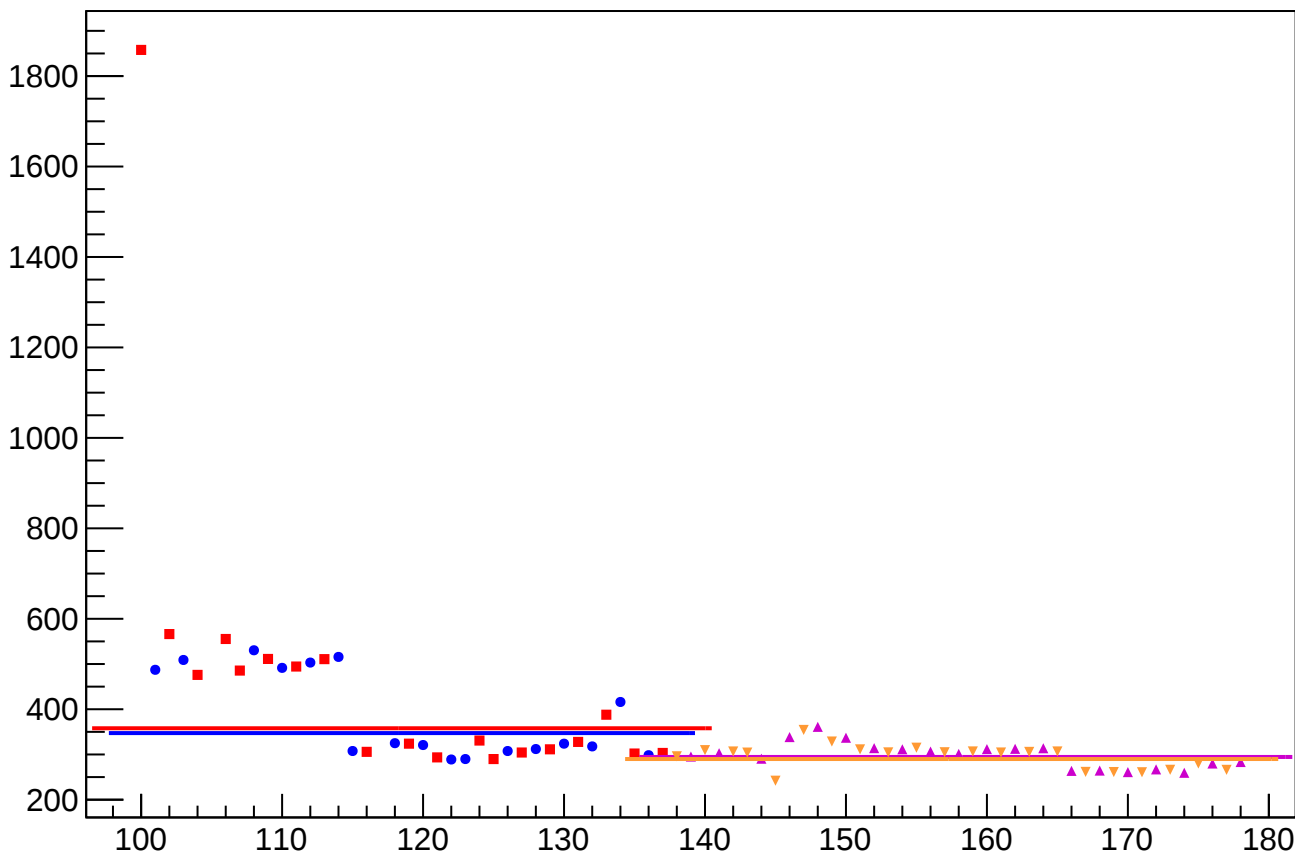
Right: 198.919+/-97.679 χ^2/NDF : 29.3/35

In: -55.425+/-65.595 χ^2/NDF :38.3/36

Out: -184.419+/-64.530 χ^2/NDF :48.4/39

All: -120.977+/-46.002 χ^2/NDF : 88.7/76

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16

Left Out: 289.941 $\pm$ 0.052 χ^2/NDF :272281.7/20

Right Out: 357.955 $\pm$ 0.098 χ^2/NDF : 851646.4/18

Left In: 294.498 $\pm$ 0.053 χ^2/NDF :255747.9/19

Left: 292.164 $\pm$ 0.037 χ^2/NDF : 531845.0/40

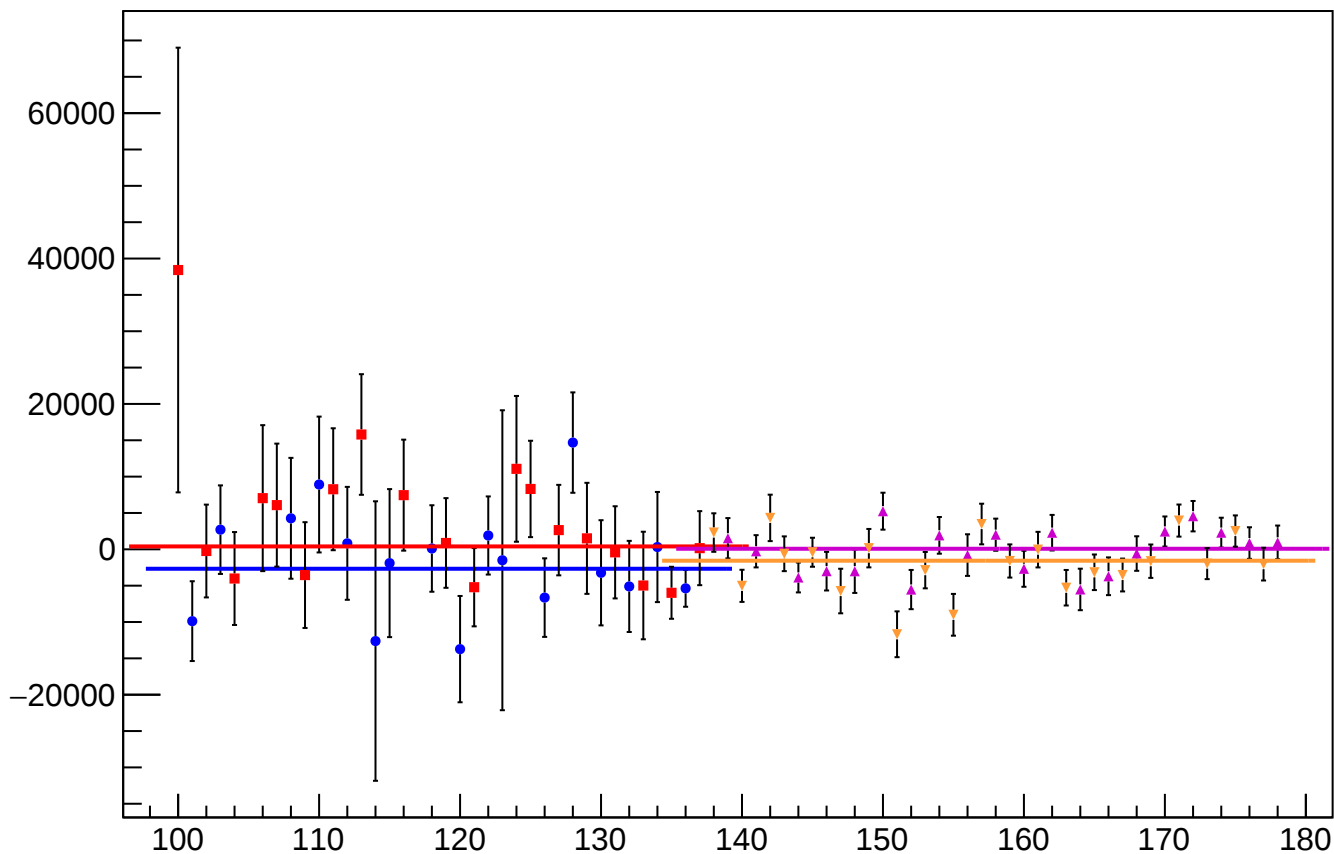
Right: 352.552 $\pm$ 0.069 χ^2/NDF : 1476524.8/35

In: 306.545 $\pm$ 0.046 χ^2/NDF :1102765.7/36

Out: 304.601 $\pm$ 0.046 χ^2/NDF :1499588.1/39

All: 305.557 $\pm$ 0.033 χ^2/NDF : 2603246.9/76

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -1567.136 $\pm$ 530.905 χ^2/NDF : 45.1/20

Right Out: 398.443 $\pm$ 1515.968 χ^2/NDF : 15.9/18

Left In: 76.666 $\pm$ 536.250 χ^2/NDF : 31.7/19

Left: -753.467 $\pm$ 377.282 χ^2/NDF : 81.6/40

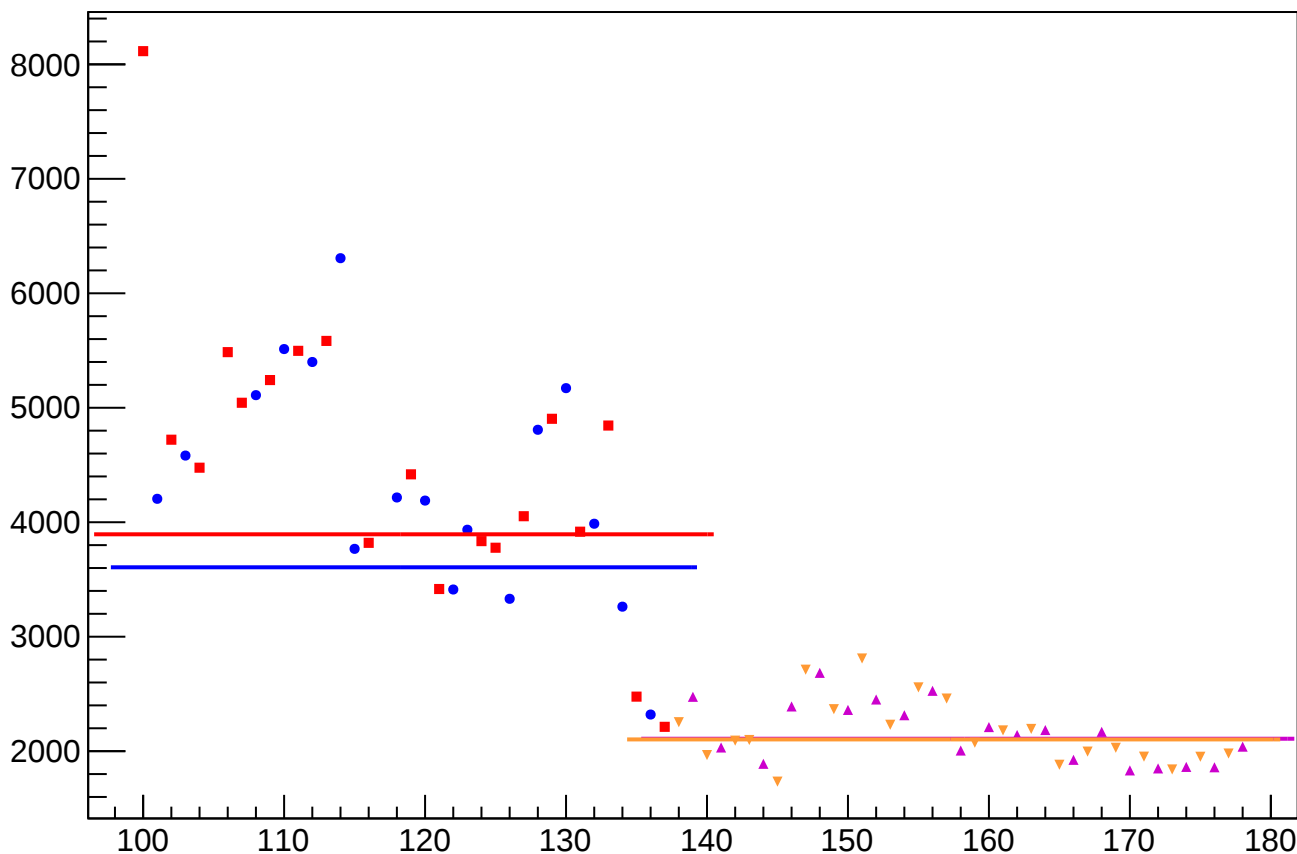
Right: -1199.564 $\pm$ 1050.178 χ^2/NDF : 34.8/35

In: -251.816 $\pm$ 503.213 χ^2/NDF : 51.6/36

Out: -1352.401 $\pm$ 501.067 χ^2/NDF : 62.6/39

All: -804.461 $\pm$ 355.064 χ^2/NDF : 116.6/76

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 ± 1.030 $\chi^2/\text{NDF}: 1092516.6/16$

Left Out: 2102.635 ± 0.375 $\chi^2/\text{NDF}: 453557.2/20$

Right Out: 3894.596 ± 1.072 $\chi^2/\text{NDF}: 1032752.3/18$

Left In: 2108.624 ± 0.379 $\chi^2/\text{NDF}: 409179.8/19$

Left: 2105.599 ± 0.267 $\chi^2/\text{NDF}: 862863.0/40$

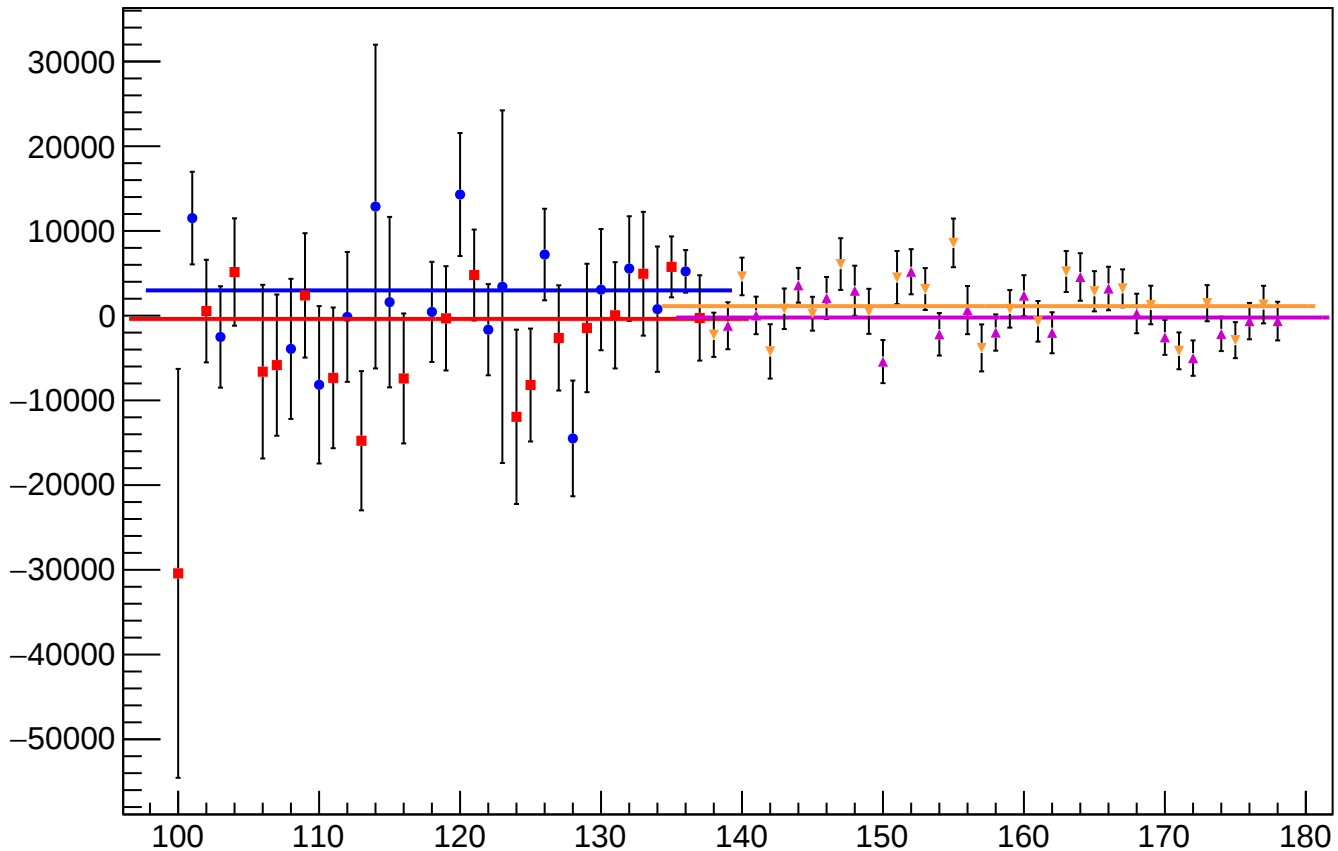
Right: 3744.683 ± 0.743 $\chi^2/\text{NDF}: 2162873.5/35$

In: 2287.480 ± 0.356 $\chi^2/\text{NDF}: 3364792.9/36$

Out: 2298.402 ± 0.354 $\chi^2/\text{NDF}: 3975535.4/39$

All: 2292.964 ± 0.251 $\chi^2/\text{NDF}: 7340801.4/76$

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1122.634 $\pm$ 526.201 χ^2 /NDF: 36.0/20

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: -220.917 $\pm$ 529.697 χ^2 /NDF: 29.2/19

Left: 455.307 $\pm$ 373.310 χ^2 /NDF: 68.4/40

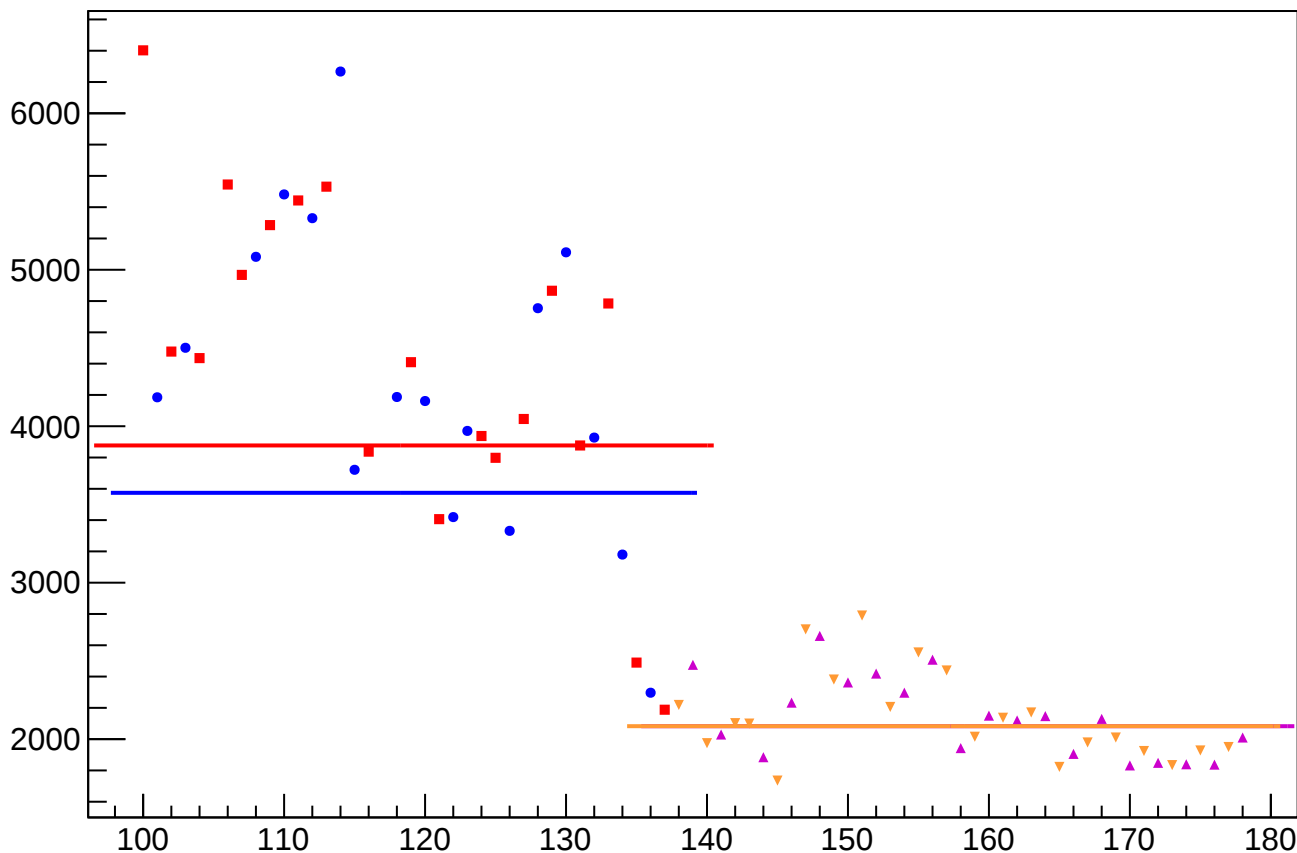
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 159.319 $\pm$ 497.279 χ^2 /NDF: 51.0/36

Out: 959.702 $\pm$ 496.802 χ^2 /NDF: 51.9/39

All: 559.895 $\pm$ 351.461 χ^2 /NDF: 104.2/76

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2082.825 $\pm$ 0.372 χ^2 /NDF: 463882.7/20

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2082.677 $\pm$ 0.375 χ^2 /NDF: 392056.8/19

Left: 2082.752 $\pm$ 0.264 χ^2 /NDF: 855939.6/40

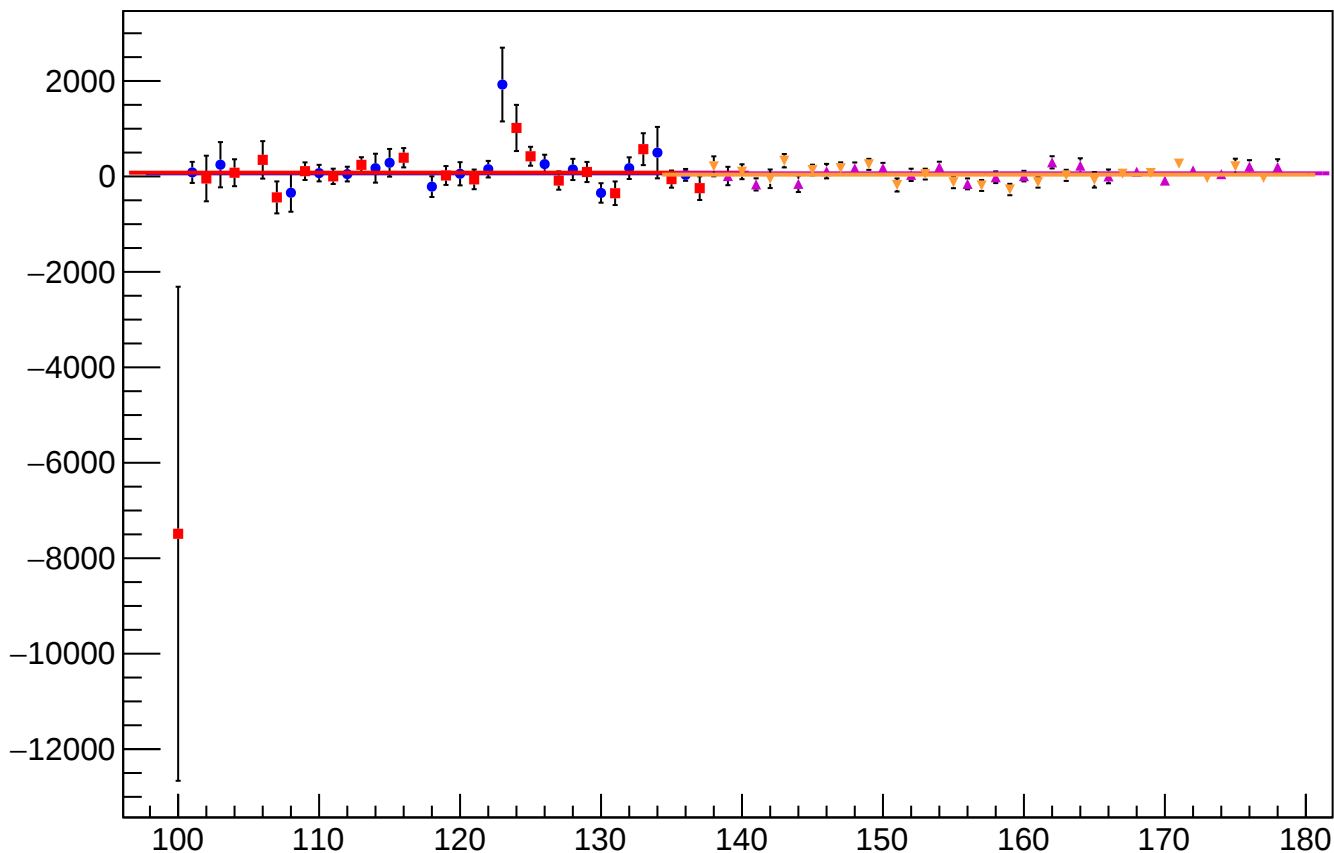
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2259.674 $\pm$ 0.352 χ^2 /NDF: 3365400.8/36

Out: 2277.723 $\pm$ 0.351 χ^2 /NDF: 3979975.6/39

All: 2268.707 $\pm$ 0.249 χ^2 /NDF: 7346695.0/76

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 37.771+/-25.254 χ^2/NDF : 37.5/20

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 64.793+/-26.292 χ^2/NDF : 22.5/19

Left: 50.738+/-18.213 χ^2/NDF : 60.5/40

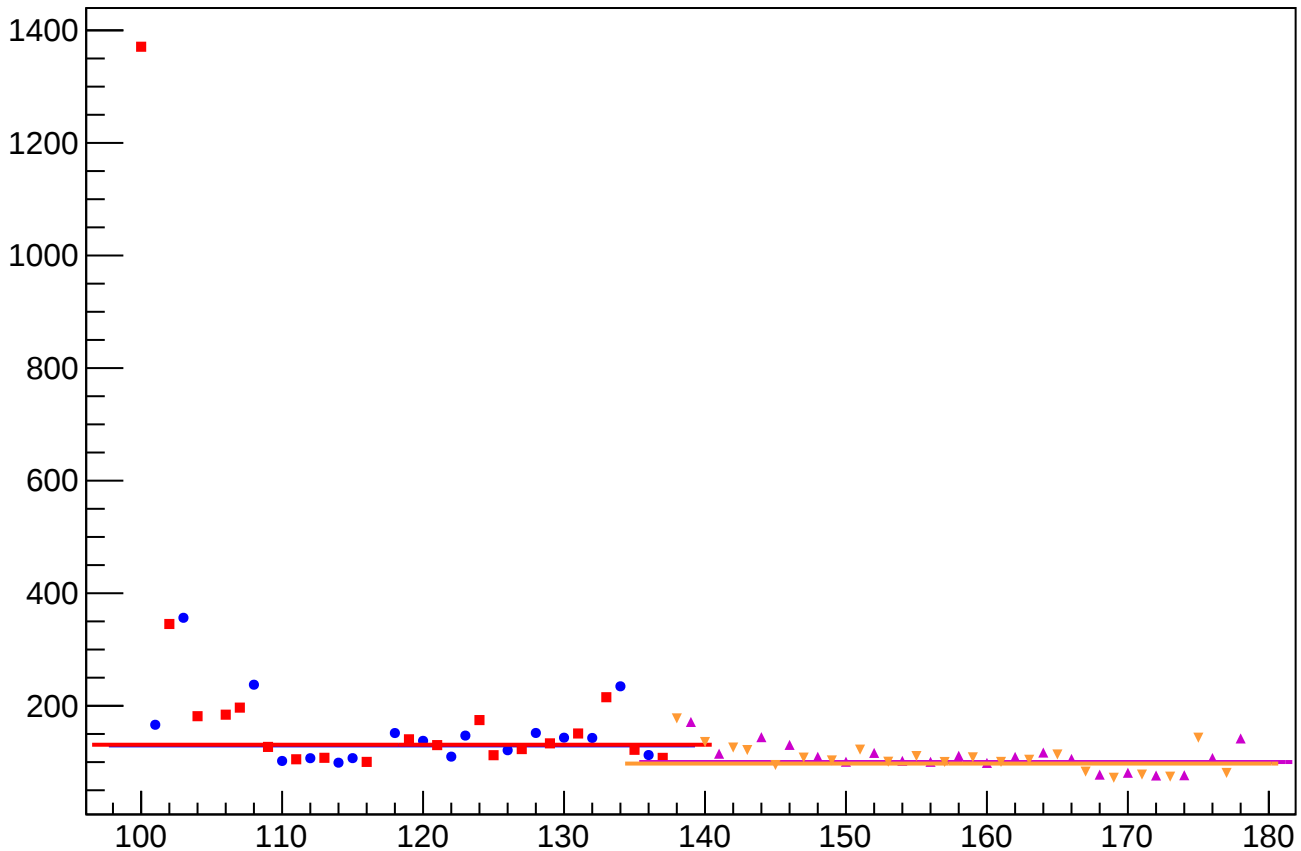
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 64.879+/-23.527 χ^2/NDF : 38.2/36

Out: 45.500+/-22.745 χ^2/NDF : 62.3/39

All: 54.862+/-16.352 χ^2/NDF : 100.8/76

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 97.411 $\pm$ 0.018 χ^2 /NDF:1376976.5/20

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 100.143 $\pm$ 0.019 χ^2 /NDF:1269474.5/19

Left: 98.722 $\pm$ 0.013 χ^2 /NDF: 2657684.2/40

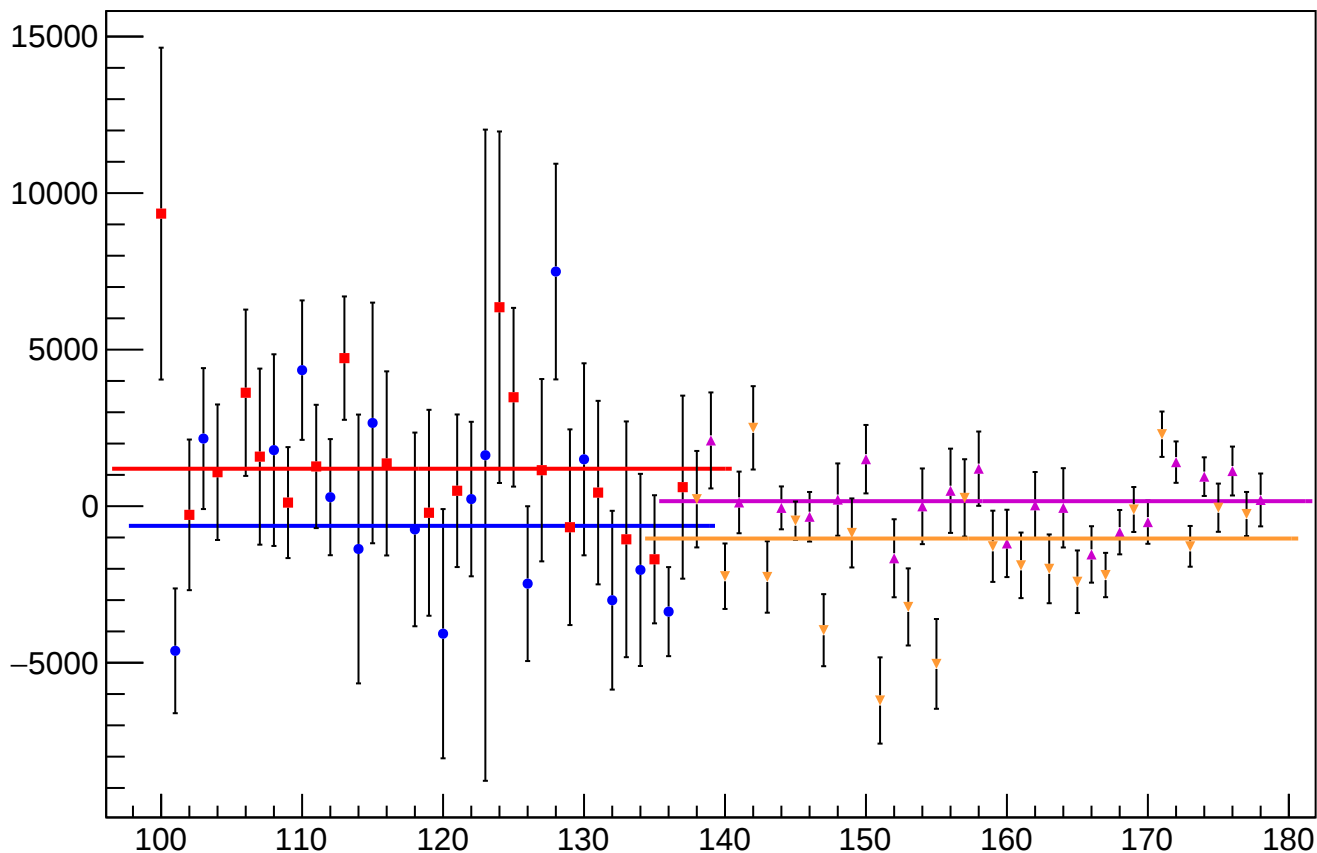
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 106.033 $\pm$ 0.017 χ^2 /NDF:2762773.4/36

Out: 103.730 $\pm$ 0.016 χ^2 /NDF:3082587.8/39

All: 104.843 $\pm$ 0.012 χ^2 /NDF: 5855261.8/76

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1033.076+/-201.340 χ^2/NDF : 75.7/20

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 160.044+/-199.994 χ^2/NDF : 21.3/19

Left: -432.516+/-141.891 χ^2/NDF : 114.7/40

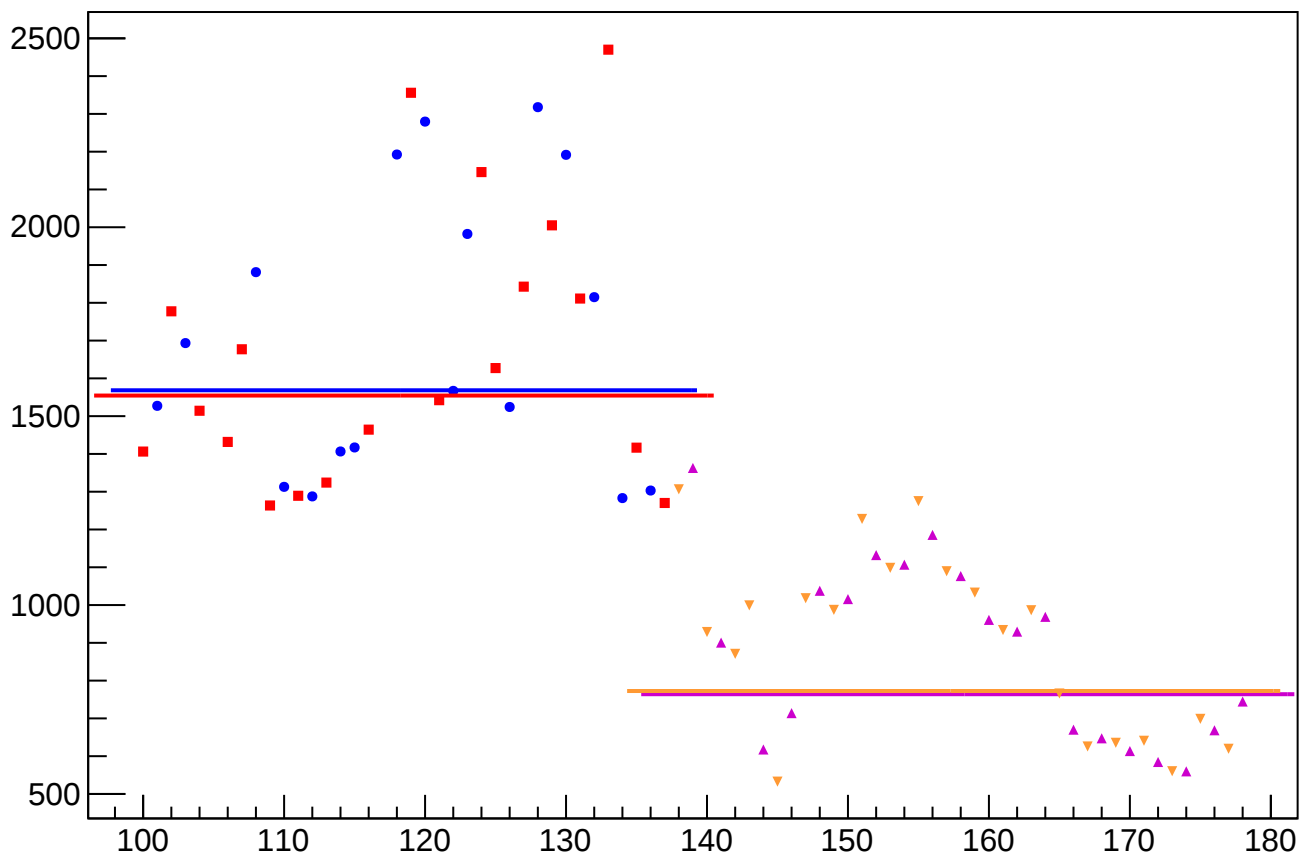
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: 86.079+/-190.380 χ^2/NDF : 47.1/36

Out: -804.511+/-190.739 χ^2/NDF : 100.0/39

All: -358.376+/-134.746 χ^2/NDF : 158.0/76

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 772.479+/-0.142 χ^2/NDF : 2364662.8/20

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 764.016+/-0.141 χ^2/NDF : 2067757.6/19

Left: 768.219+/-0.100 χ^2/NDF : 4434199.3/40

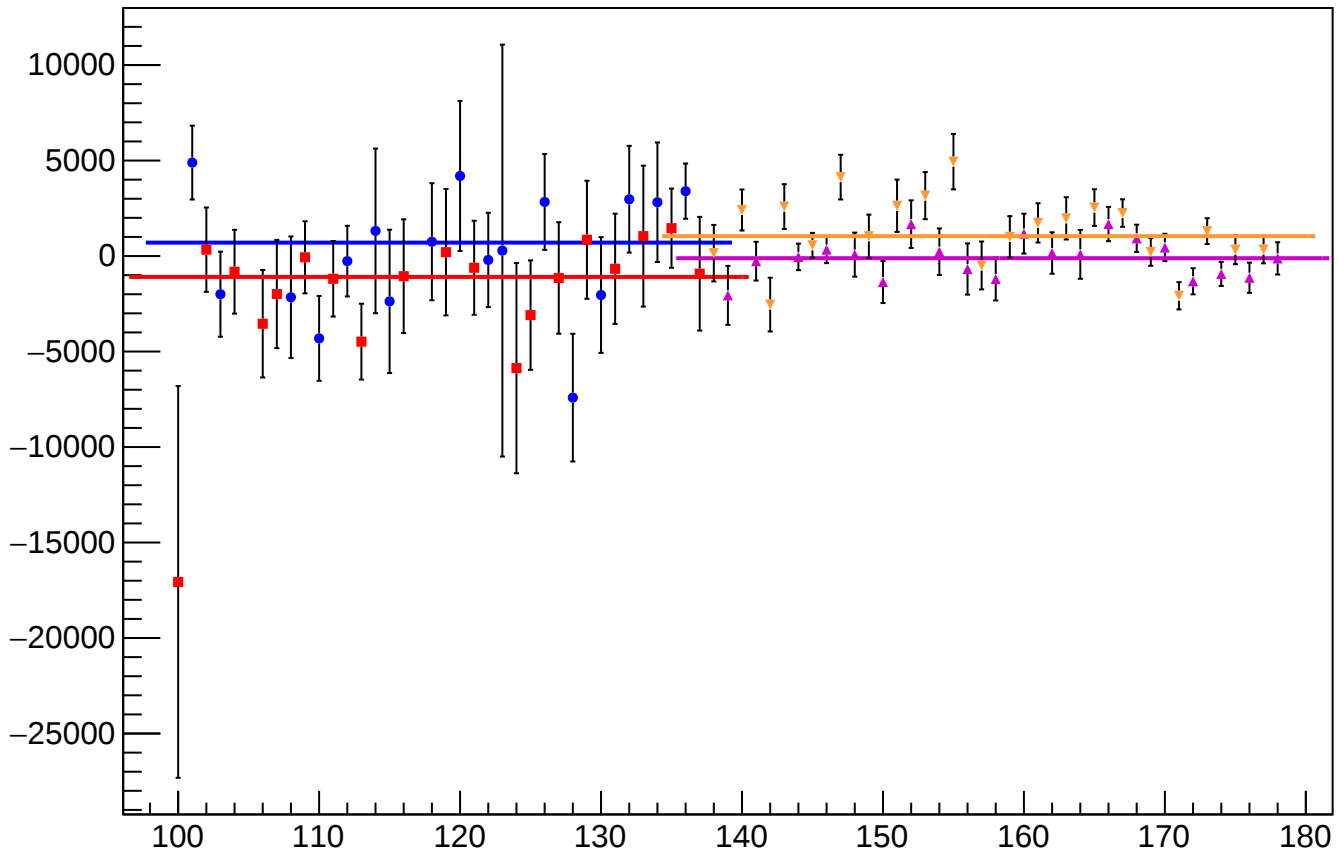
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 839.505+/-0.135 χ^2/NDF : 5638547.4/36

Out: 852.662+/-0.135 χ^2/NDF : 5970442.3/39

All: 846.071+/-0.095 χ^2/NDF : 11613756.7/76

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1041.468 $\pm$ 204.028 χ^2 /NDF:59.5/20

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: -112.804 $\pm$ 200.440 χ^2 /NDF:21.4/19

Left: 454.094 $\pm$ 142.984 χ^2 /NDF: 97.2/40

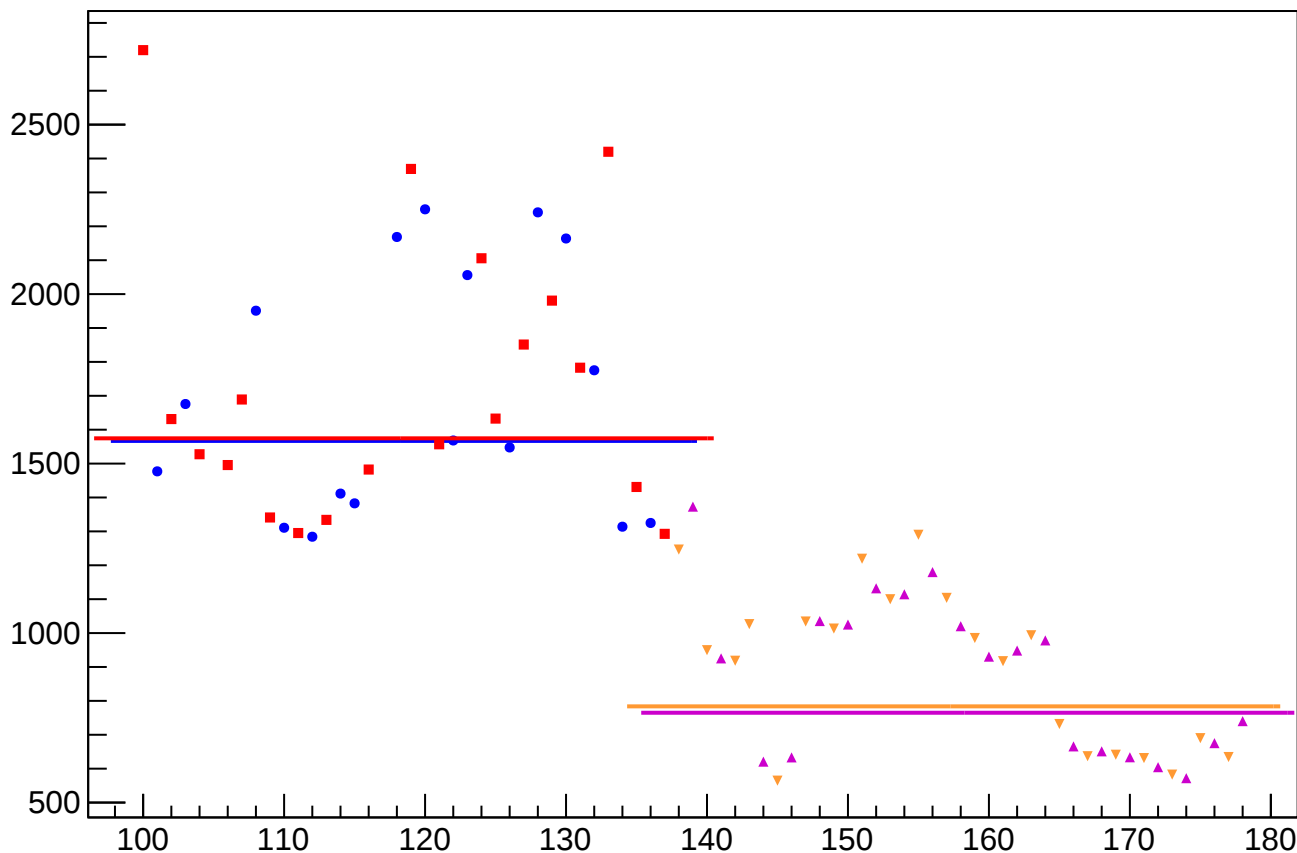
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: -35.740 $\pm$ 190.739 χ^2 /NDF:48.9/36

Out: 822.251 $\pm$ 193.272 χ^2 /NDF:81.4/39

All: 387.597 $\pm$ 135.760 χ^2 /NDF: 140.3/76

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 783.796 $\pm$ 0.144 χ^2 /NDF: 2180047.2/20

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 764.962 $\pm$ 0.142 χ^2 /NDF: 2000650.0/19

Left: 774.212 $\pm$ 0.101 χ^2 /NDF: 4189369.6/40

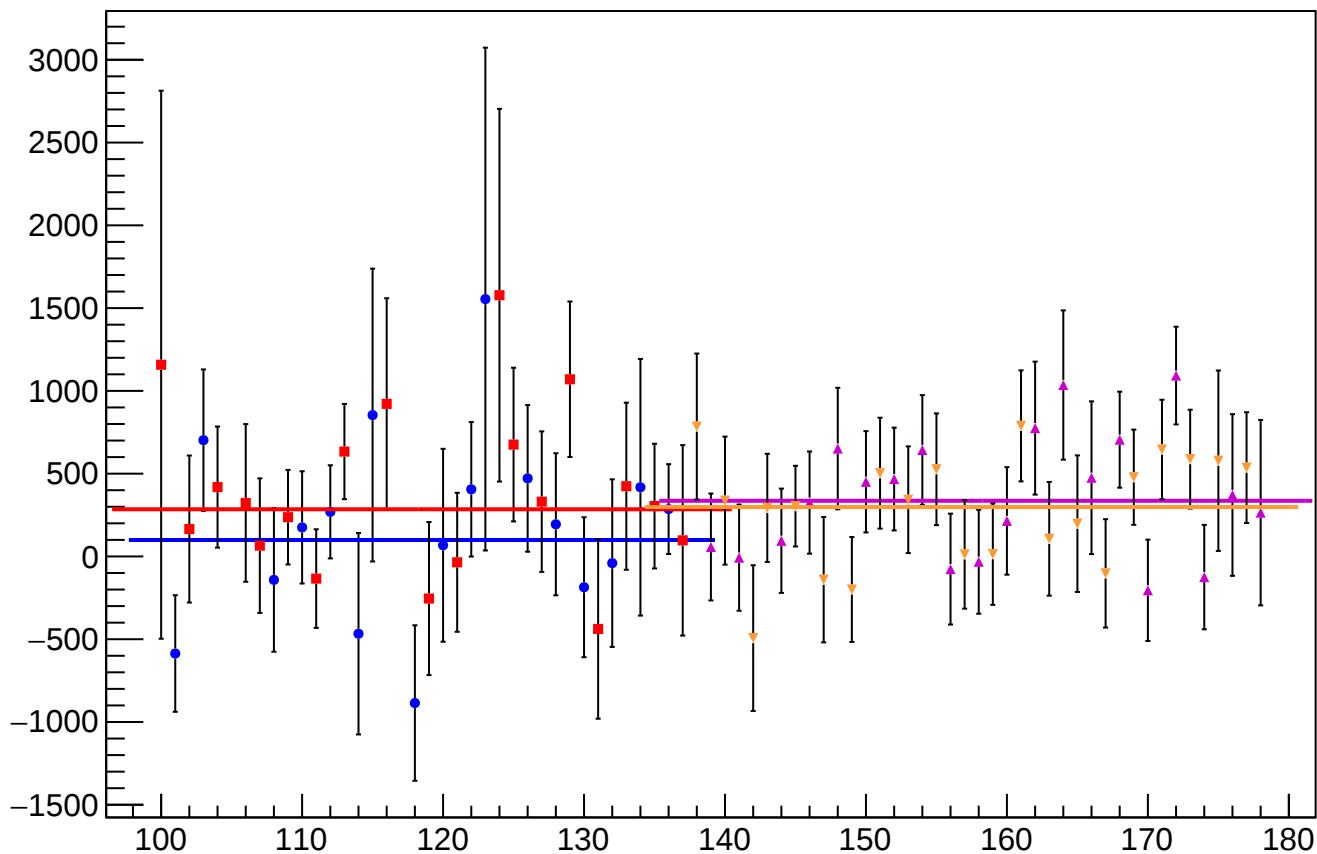
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 840.714 $\pm$ 0.135 χ^2 /NDF: 5524700.9/36

Out: 864.974 $\pm$ 0.137 χ^2 /NDF: 5728325.7/39

All: 852.684 $\pm$ 0.096 χ^2 /NDF: 11268990.6/76

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 298.449 $\pm$ 73.179 χ^2 /NDF:18.2/20

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 336.219 $\pm$ 75.963 χ^2 /NDF:24.6/19

Left: 316.629 $\pm$ 52.702 χ^2 /NDF: 42.9/40

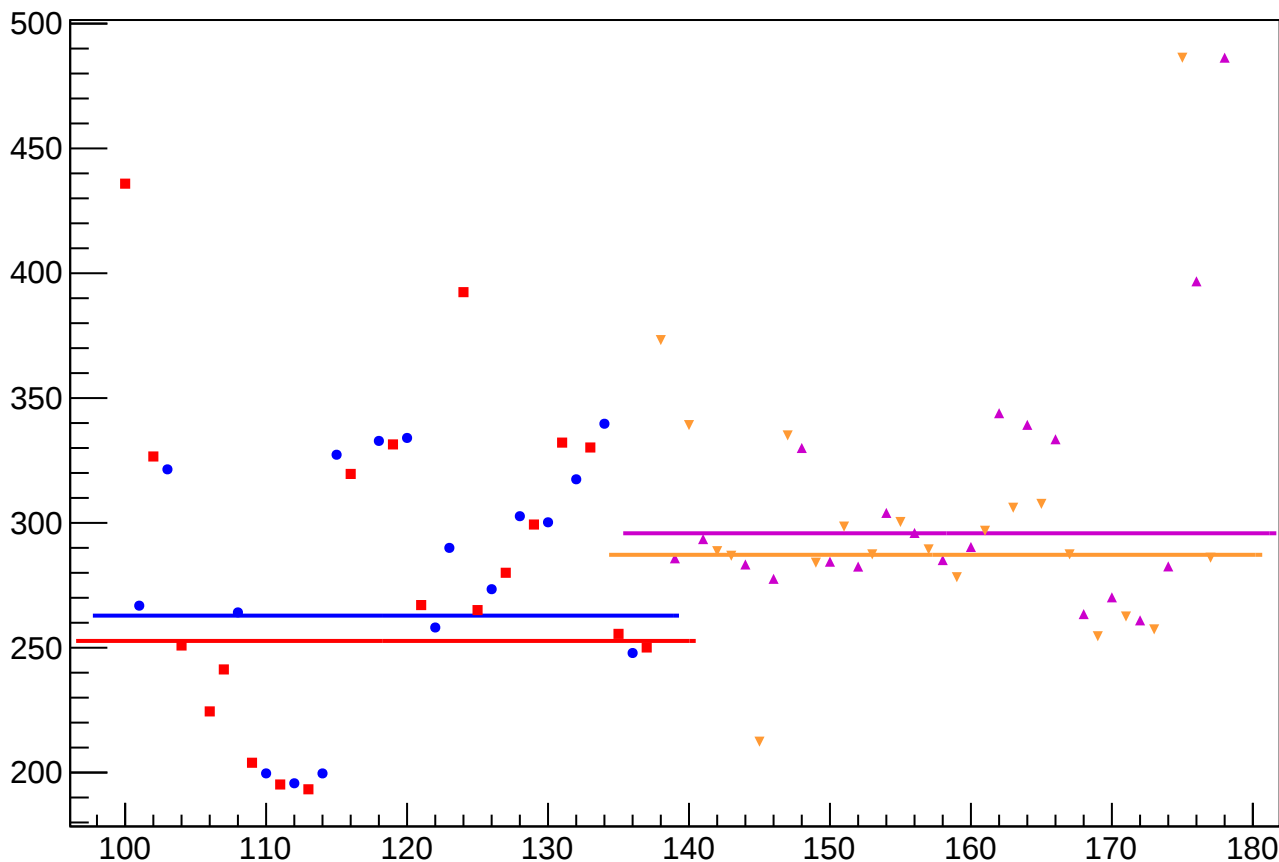
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 253.270 $\pm$ 61.231 χ^2 /NDF:43.9/36

Out: 293.574 $\pm$ 58.573 χ^2 /NDF:32.2/39

All: 274.316 $\pm$ 42.326 χ^2 /NDF: 76.3/76

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 287.218+/-0.052 χ^2/NDF : 679148.6/20

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 295.840+/-0.054 χ^2/NDF : 487975.6/19

Left: 291.368+/-0.037 χ^2/NDF : 1180488.5/40

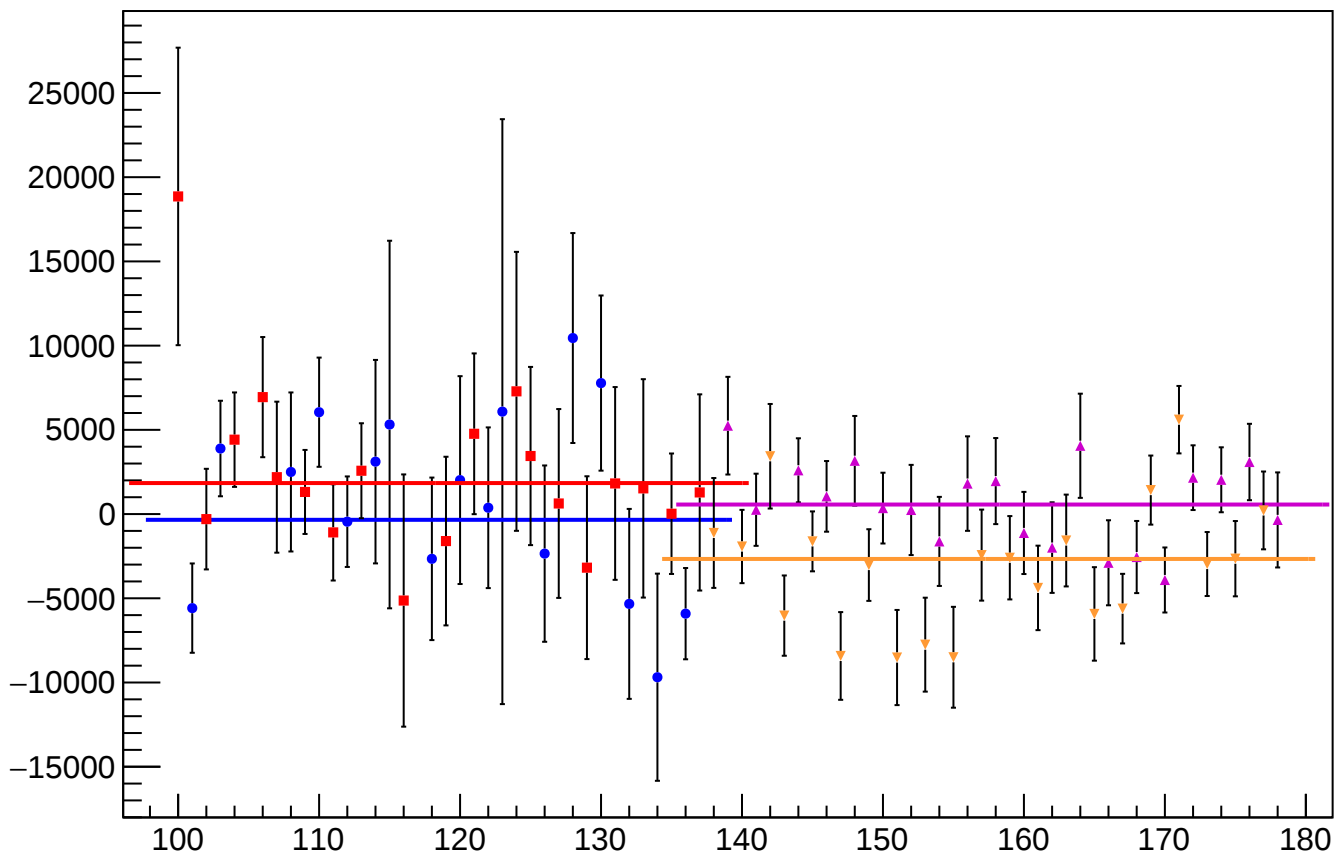
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 284.288+/-0.043 χ^2/NDF : 1031742.0/36

Out: 274.821+/-0.041 χ^2/NDF : 1378596.1/39

All: 279.344+/-0.030 χ^2/NDF : 2435301.6/76

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2/NDF : 24.4/16

Left Out: -2664.678 $\pm$ 516.702 χ^2/NDF : 49.6/20

Right Out: 1840.596 $\pm$ 924.746 χ^2/NDF : 11.7/18

Left In: 565.738 $\pm$ 520.871 χ^2/NDF : 20.6/19

Left: -1062.450 $\pm$ 366.829 χ^2/NDF : 89.6/40

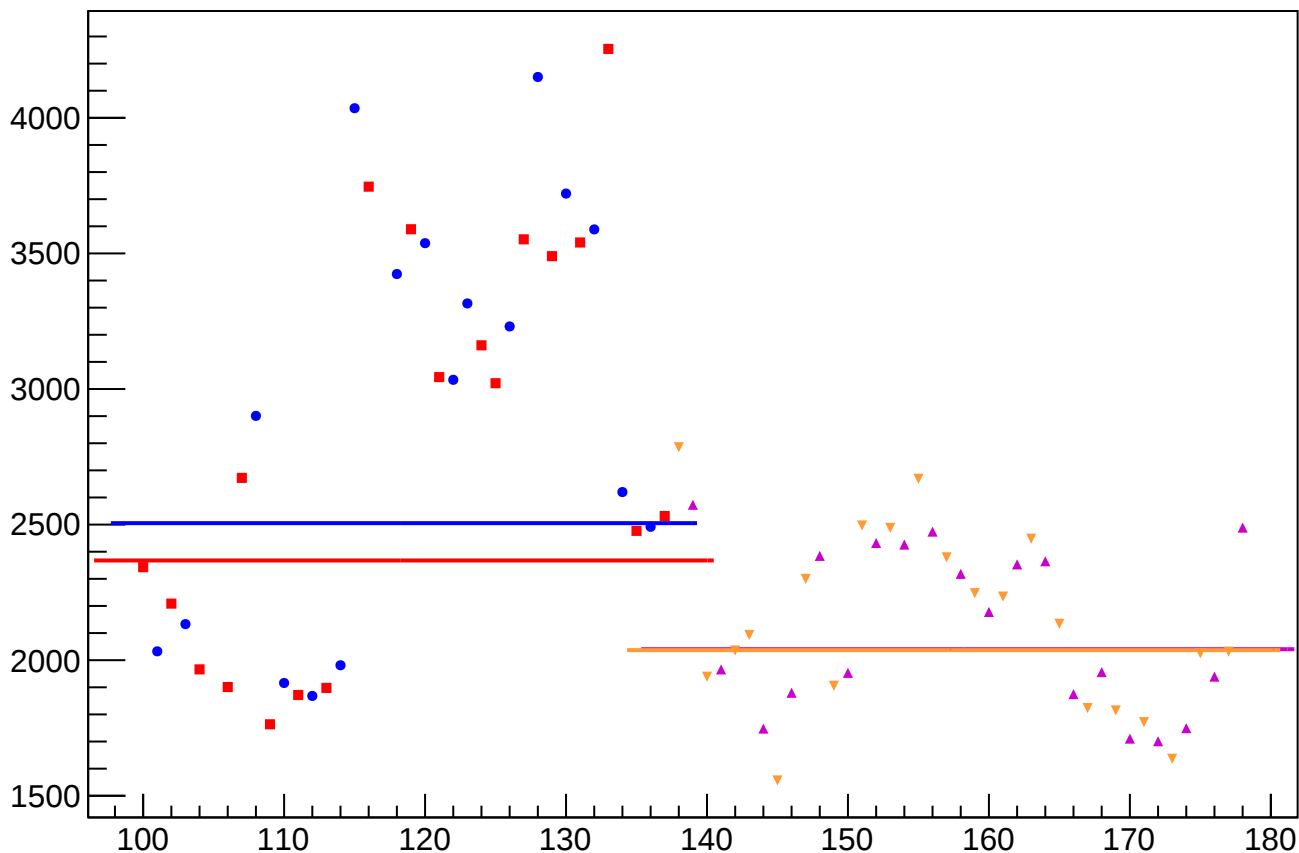
Right: 839.728 $\pm$ 680.387 χ^2/NDF : 38.7/35

In: 373.523 $\pm$ 462.415 χ^2/NDF : 45.7/36

Out: -1592.773 $\pm$ 451.066 χ^2/NDF : 79.3/39

All: -634.051 $\pm$ 322.890 χ^2/NDF : 134.3/76

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2037.073+/-0.365 χ^2/NDF : 754676.9/20

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2040.446+/-0.368 χ^2/NDF : 610817.9/19

Left: 2038.746+/-0.259 χ^2/NDF : 1365537.1/40

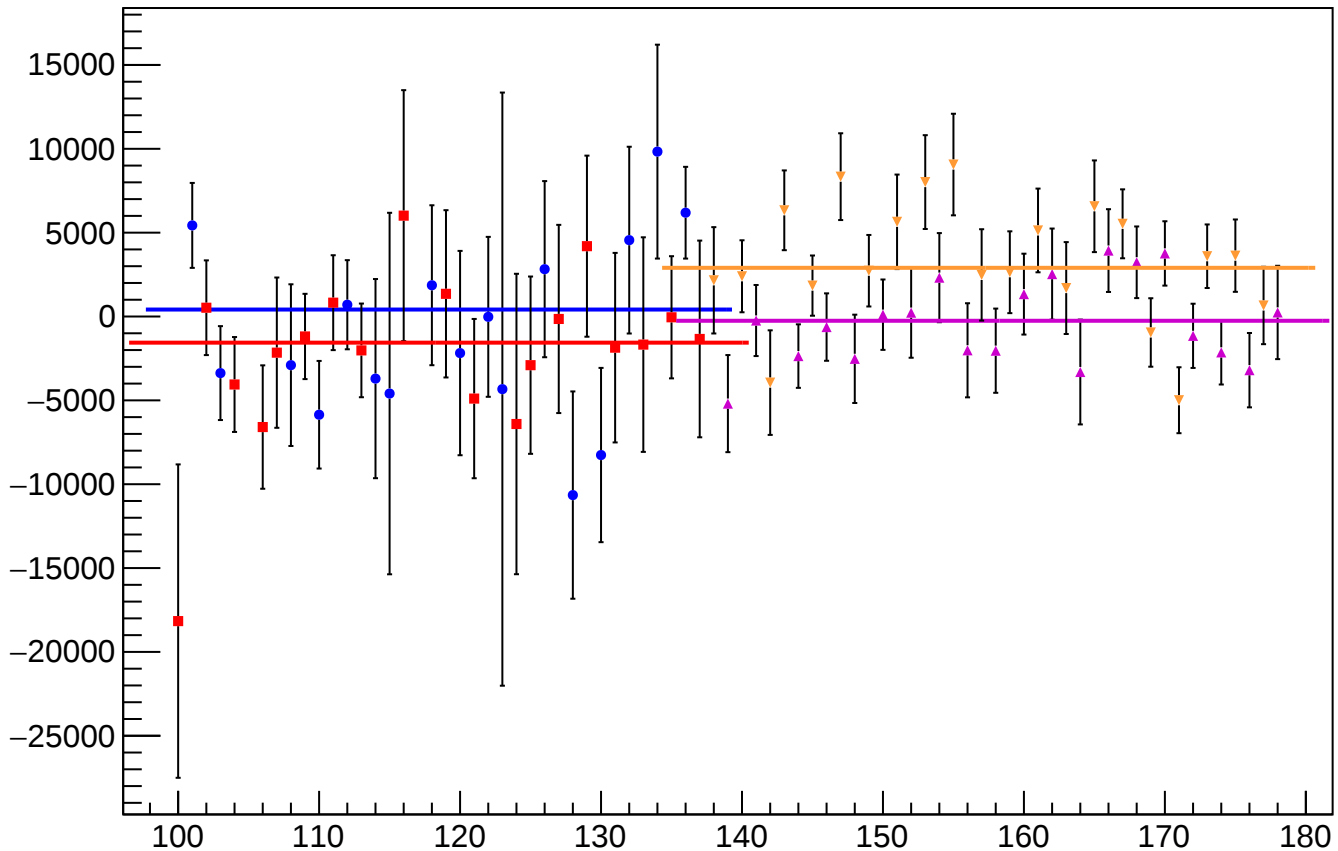
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2138.936+/-0.327 χ^2/NDF : 1812475.9/36

Out: 2115.744+/-0.319 χ^2/NDF : 1980440.1/39

All: 2127.052+/-0.228 χ^2/NDF : 3795494.1/76

asym_sam4_mean vs Slug, Sign Corrected



Left: 1332.218 ± 364.331 $\chi^2/\text{NDF}: 86.5/40$

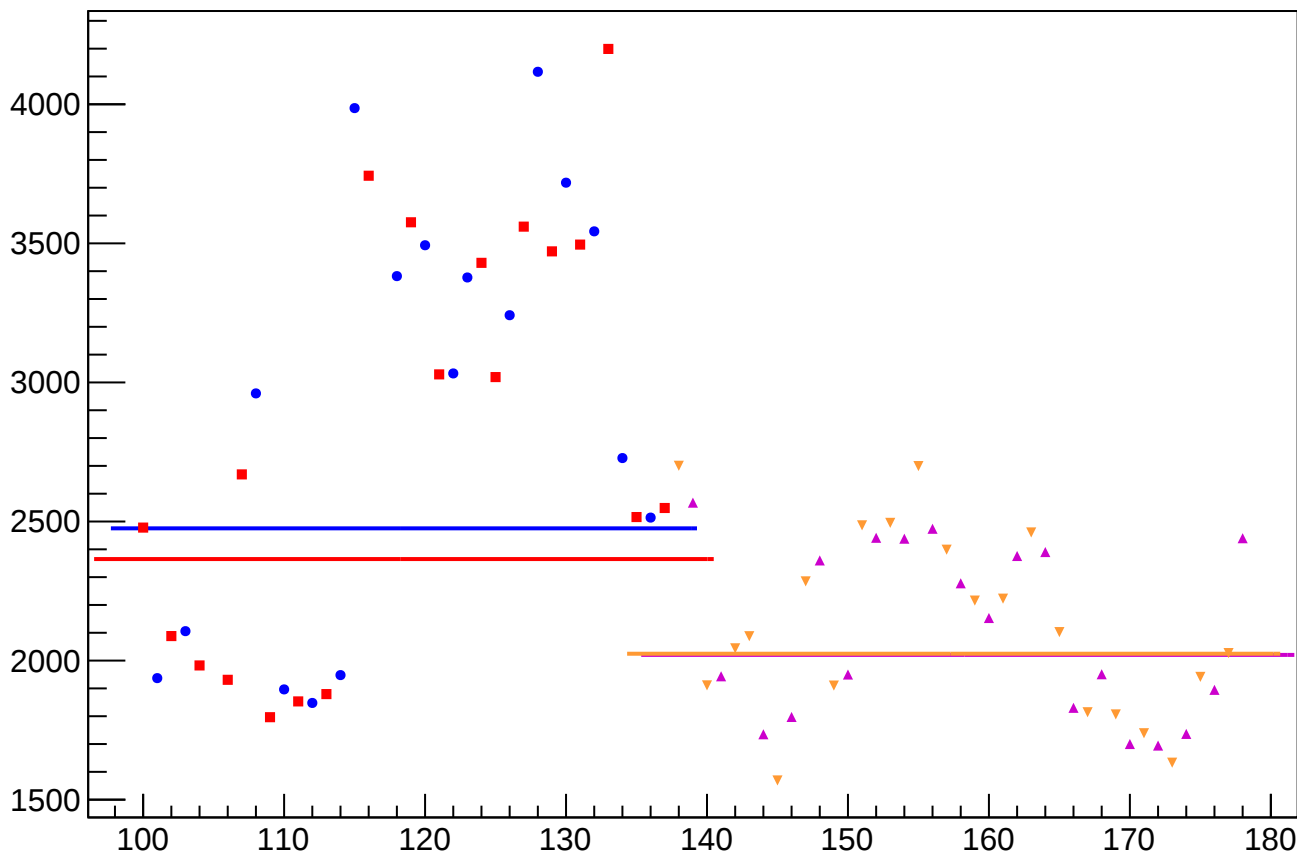
Right: -644.015 ± 677.222 $\chi^2/\text{NDF}: 37.3/35$

In: -112.162 ± 458.413 $\chi^2/\text{NDF}: 47.0/36$

Out: 1849.696 ± 449.220 $\chi^2/\text{NDF}: 74.1/39$

All: 888.636 ± 320.848 $\chi^2/\text{NDF}: 130.4/76$

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2/NDF : 913073.5/16

Left Out: 2024.650 $\pm$ 0.363 χ^2/NDF : 751499.9/20

Right Out: 2365.025 $\pm$ 0.654 χ^2/NDF : 1027171.5/18

Left In: 2020.427 $\pm$ 0.365 χ^2/NDF : 643420.2/19

Left: 2022.549 $\pm$ 0.258 χ^2/NDF : 1394987.3/40

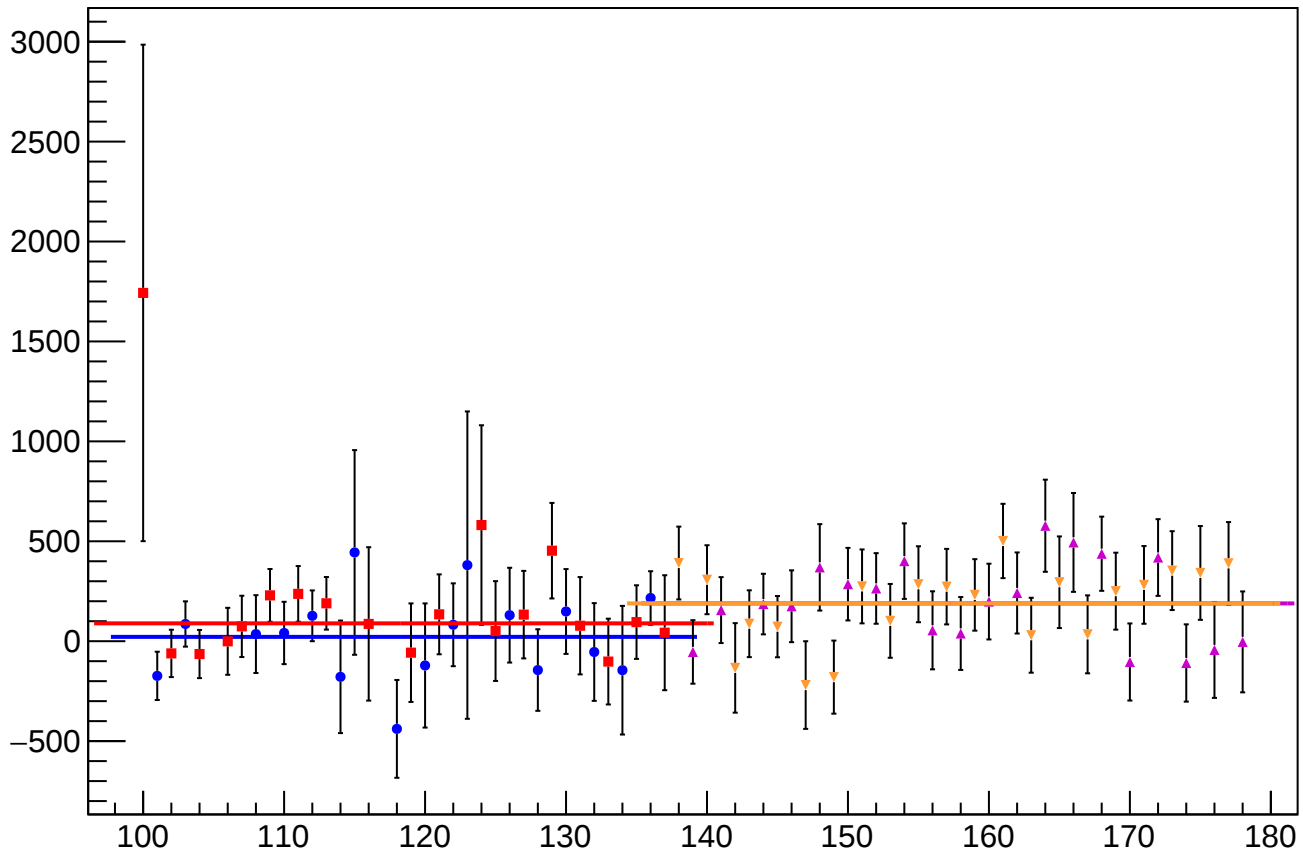
Right: 2416.181 $\pm$ 0.479 χ^2/NDF : 1953463.4/35

In: 2117.024 $\pm$ 0.324 χ^2/NDF : 1885996.5/36

Out: 2105.025 $\pm$ 0.318 χ^2/NDF : 1985784.0/39

All: 2110.903 $\pm$ 0.227 χ^2/NDF : 3872479.6/76

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 189.132 $\pm$ 41.465 χ^2 /NDF:20.0/20

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 189.068 $\pm$ 42.678 χ^2 /NDF:19.8/19

Left: 189.101 $\pm$ 29.740 χ^2 /NDF: 39.8/40

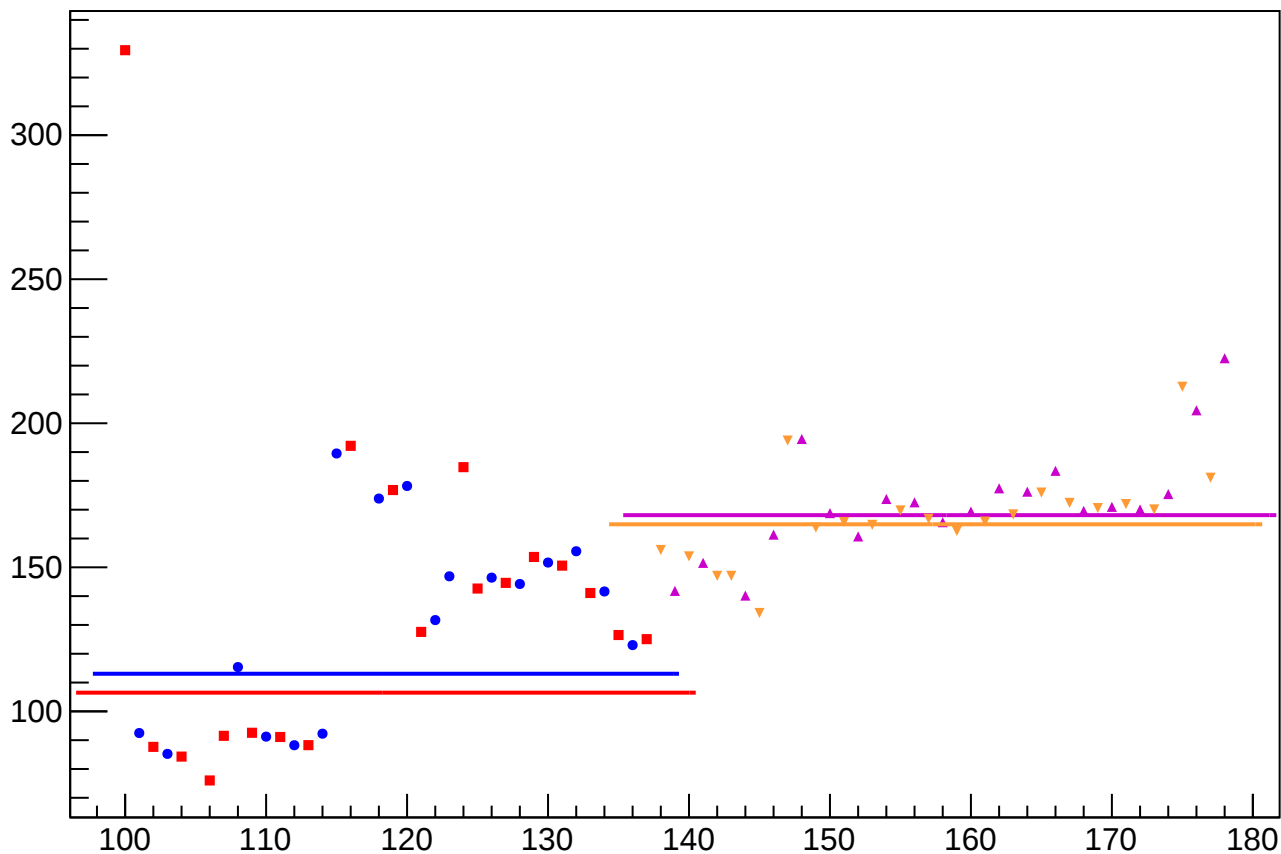
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 110.078 $\pm$ 31.017 χ^2 /NDF:39.7/36

Out: 139.628 $\pm$ 29.439 χ^2 /NDF:35.6/39

All: 125.624 $\pm$ 21.353 χ^2 /NDF: 75.7/76

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 164.931 $\pm$ 0.029 χ^2 /NDF: 275438.2/20

Right Out: 106.493 $\pm$ 0.030 χ^2 /NDF: 1016224.6/18

Left In: 168.107 $\pm$ 0.030 χ^2 /NDF: 339330.3/19

Left: 166.473 $\pm$ 0.021 χ^2 /NDF: 620463.1/40

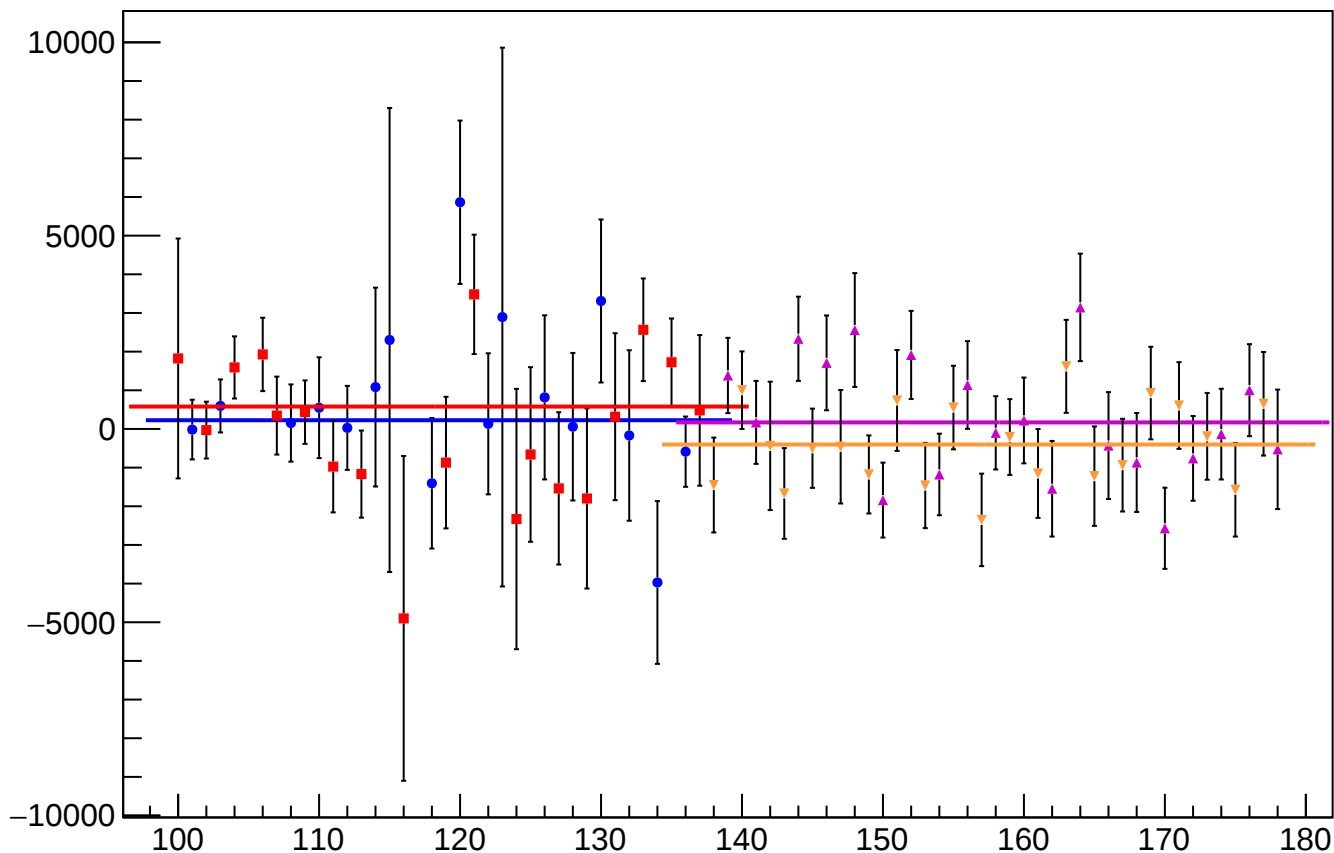
Right: 109.523 $\pm$ 0.022 χ^2 /NDF: 1859790.1/35

In: 142.135 $\pm$ 0.022 χ^2 /NDF: 2729982.2/36

Out: 135.949 $\pm$ 0.021 χ^2 /NDF: 3261820.6/39

All: 138.881 $\pm$ 0.015 χ^2 /NDF: 6033644.9/76

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -402.953 $\pm$ 254.592 χ^2 /NDF:17.1/20

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 169.334 $\pm$ 256.284 χ^2 /NDF:34.4/19

Left: -118.704 $\pm$ 180.619 χ^2 /NDF: 54.1/40

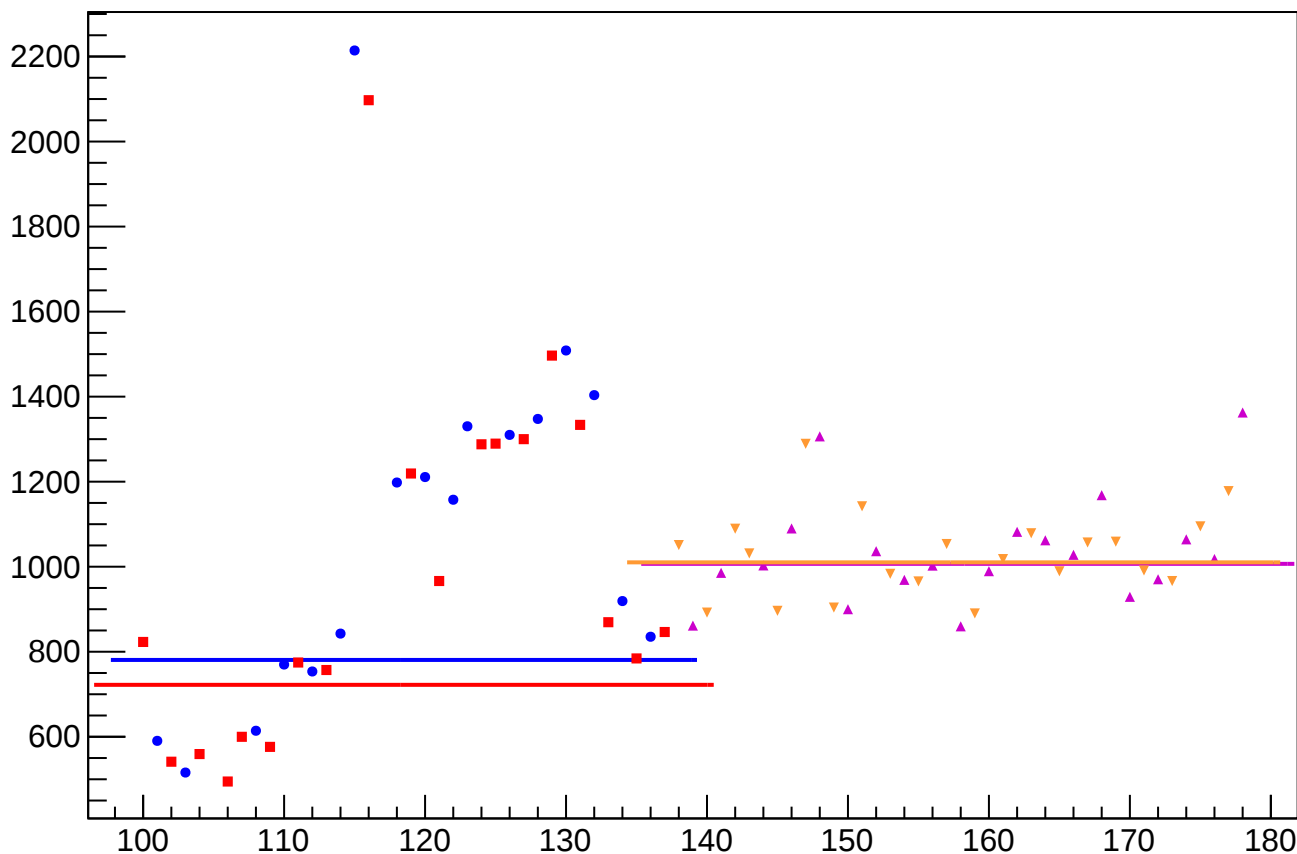
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 191.217 $\pm$ 200.381 χ^2 /NDF:50.4/36

Out: 25.733 $\pm$ 191.104 χ^2 /NDF:44.7/39

All: 104.556 $\pm$ 138.294 χ^2 /NDF: 95.5/76

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1010.233 $\pm$ 0.180 χ^2 /NDF: 270167.3/20

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 1006.720 $\pm$ 0.181 χ^2 /NDF: 381456.6/19

Left: 1008.488 $\pm$ 0.128 χ^2 /NDF: 651813.0/40

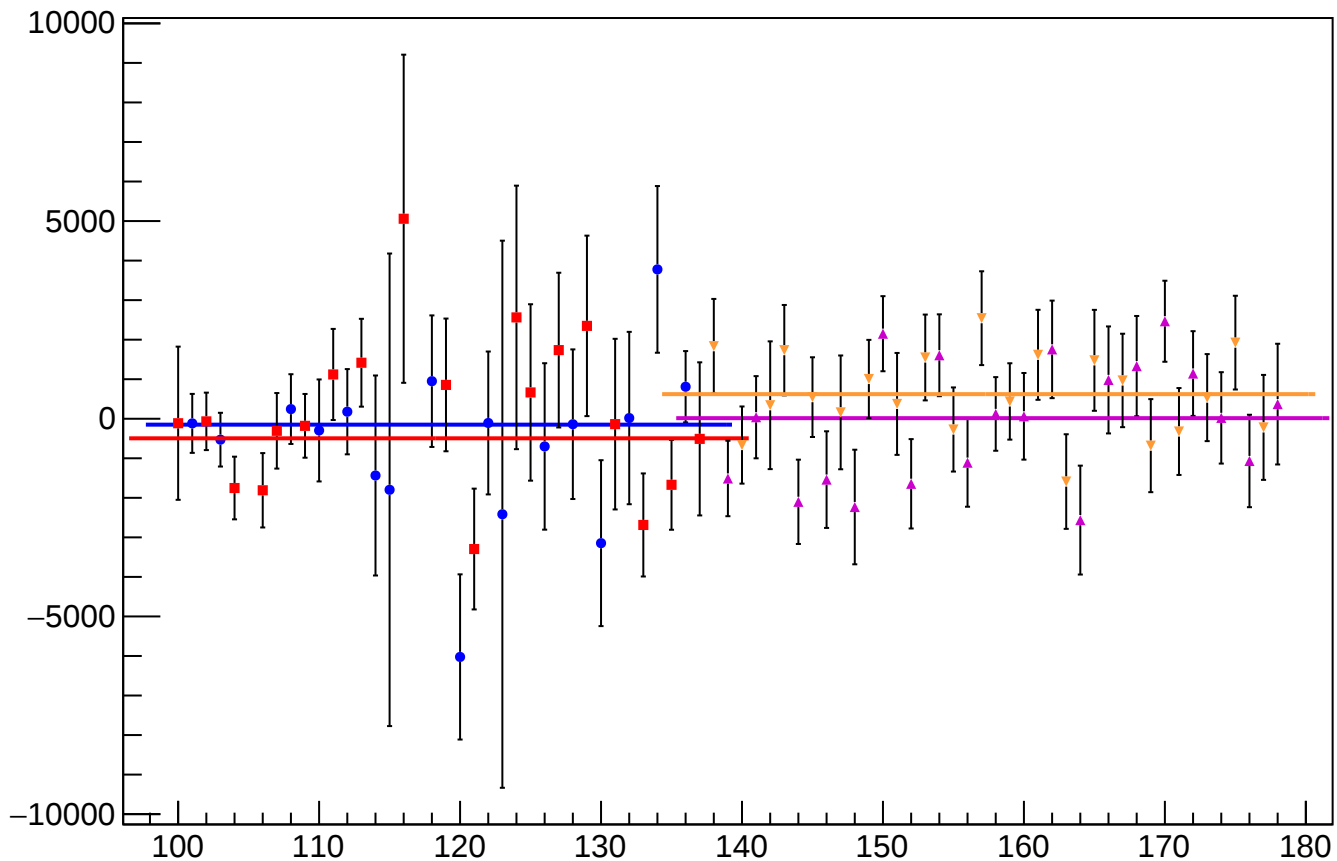
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 918.871 $\pm$ 0.142 χ^2 /NDF: 2595570.0/36

Out: 884.468 $\pm$ 0.135 χ^2 /NDF: 3016872.5/39

All: 900.855 $\pm$ 0.098 χ^2 /NDF: 5643316.2/76

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 622.273+/-250.328 χ^2/NDF :16.4/20

Right Out: -494.856+/-282.721 χ^2/NDF : 23.7/18

Left In: 14.893+/-251.964 χ^2/NDF :36.0/19

Left: 320.560+/-177.584 χ^2/NDF : 55.3/40

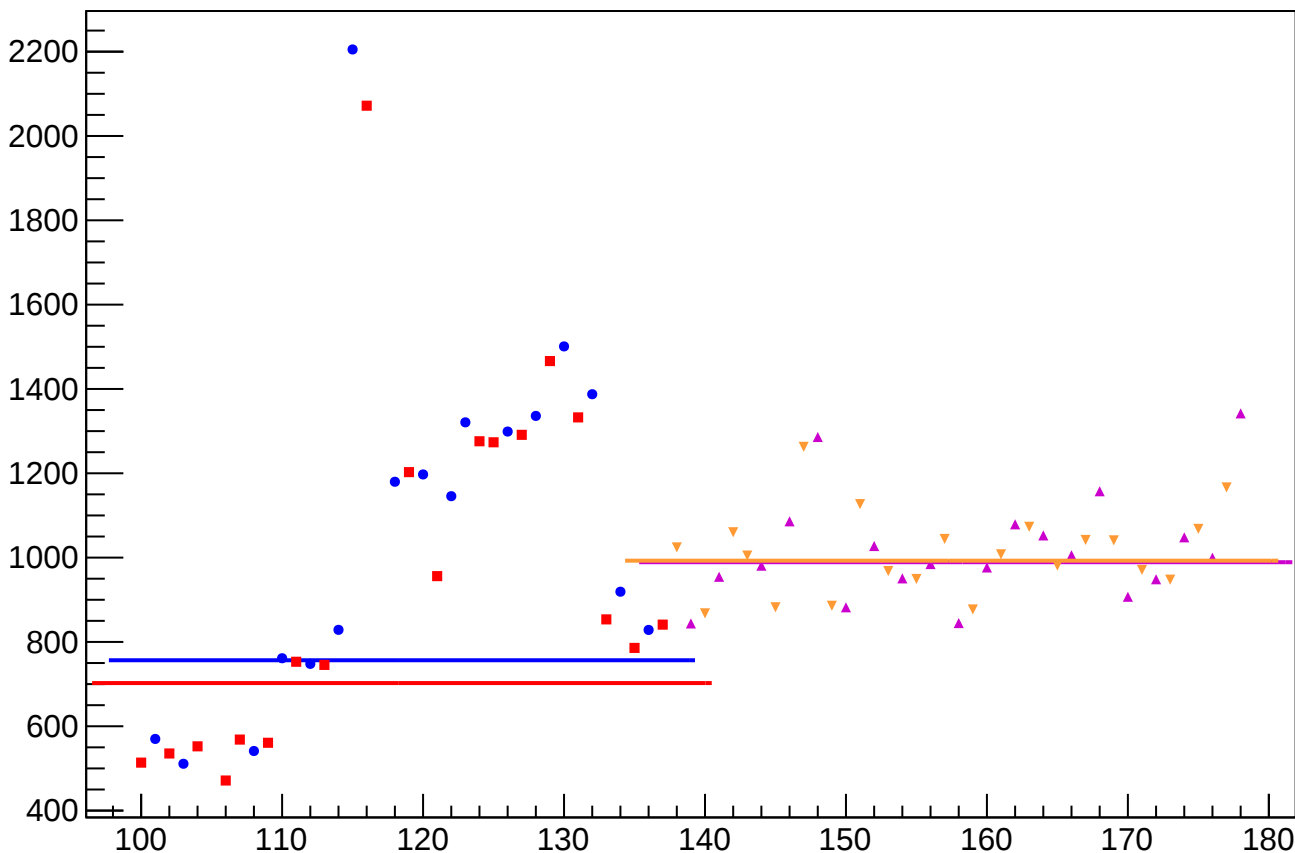
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -49.625+/-196.262 χ^2/NDF :52.2/36

Out: 131.345+/-187.420 χ^2/NDF :48.8/39

All: 45.029+/-135.544 χ^2/NDF : 101.5/76

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 992.739 $\pm$ 0.177 χ^2 /NDF: 277053.5/20

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 989.078 $\pm$ 0.178 χ^2 /NDF: 402370.5/19

Left: 990.921 $\pm$ 0.126 χ^2 /NDF: 679636.5/40

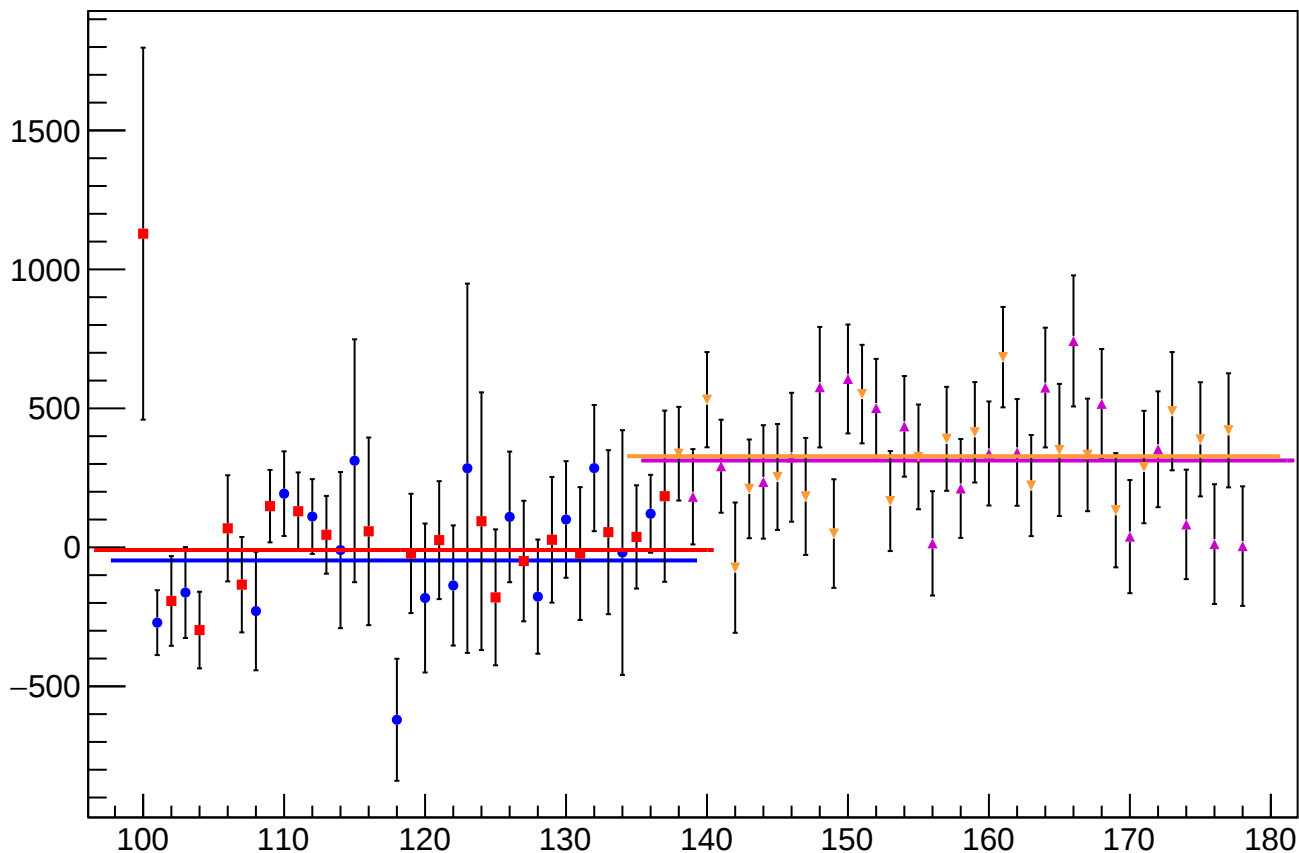
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 897.628 $\pm$ 0.139 χ^2 /NDF: 2785948.6/36

Out: 865.167 $\pm$ 0.133 χ^2 /NDF: 3148411.2/39

All: 880.650 $\pm$ 0.096 χ^2 /NDF: 5962975.0/76

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 327.927 ± 42.017 $\chi^2/\text{NDF}: 16.2/20$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 312.433 ± 43.890 $\chi^2/\text{NDF}: 22.0/19$

Left: 320.518 ± 30.351 $\chi^2/\text{NDF}: 38.3/40$

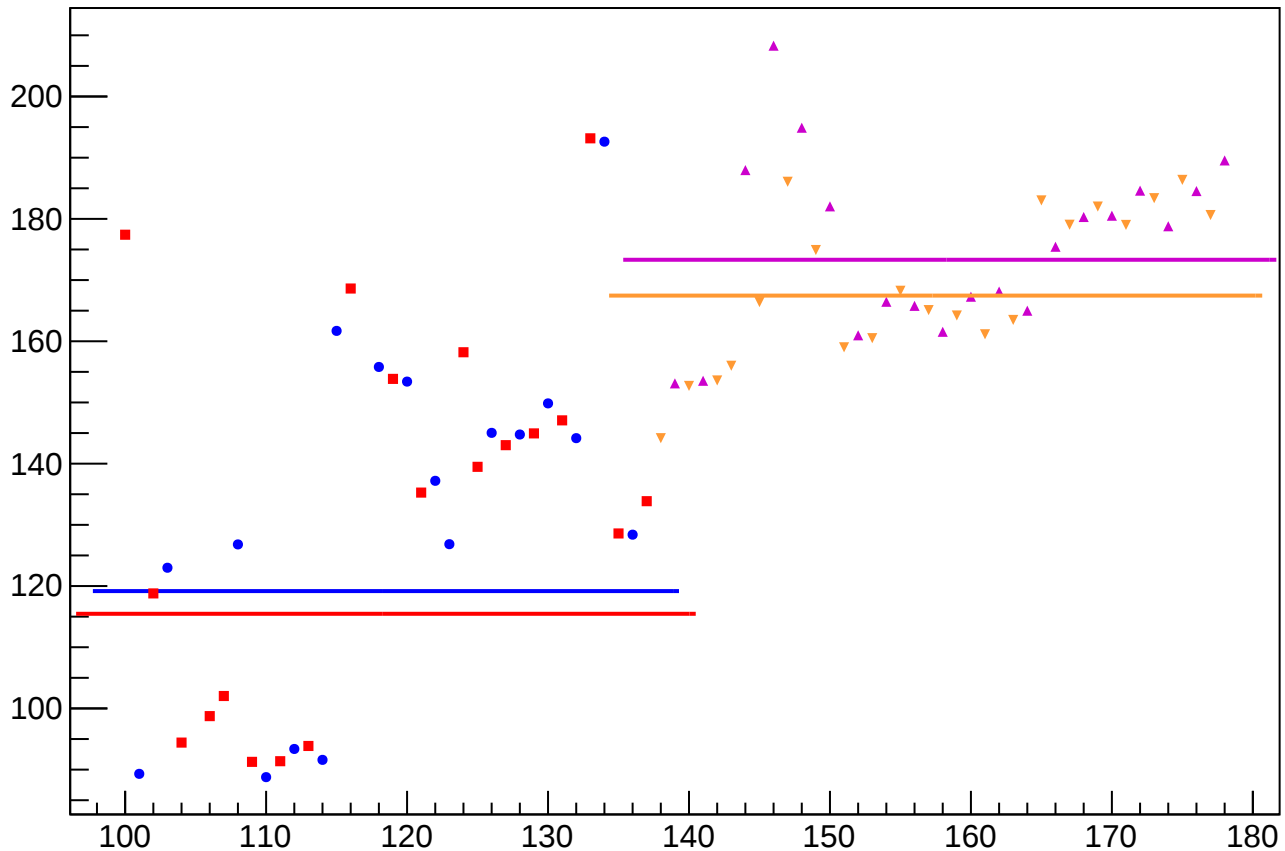
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 145.946 ± 32.163 $\chi^2/\text{NDF}: 75.0/36$

Out: 169.823 ± 30.631 $\chi^2/\text{NDF}: 59.5/39$

All: 158.467 ± 22.181 $\chi^2/\text{NDF}: 134.8/76$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 167.464+/-0.030 χ^2/NDF : 167048.5/20

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 173.318+/-0.031 χ^2/NDF : 195846.1/19

Left: 170.264+/-0.021 χ^2/NDF : 381459.5/40

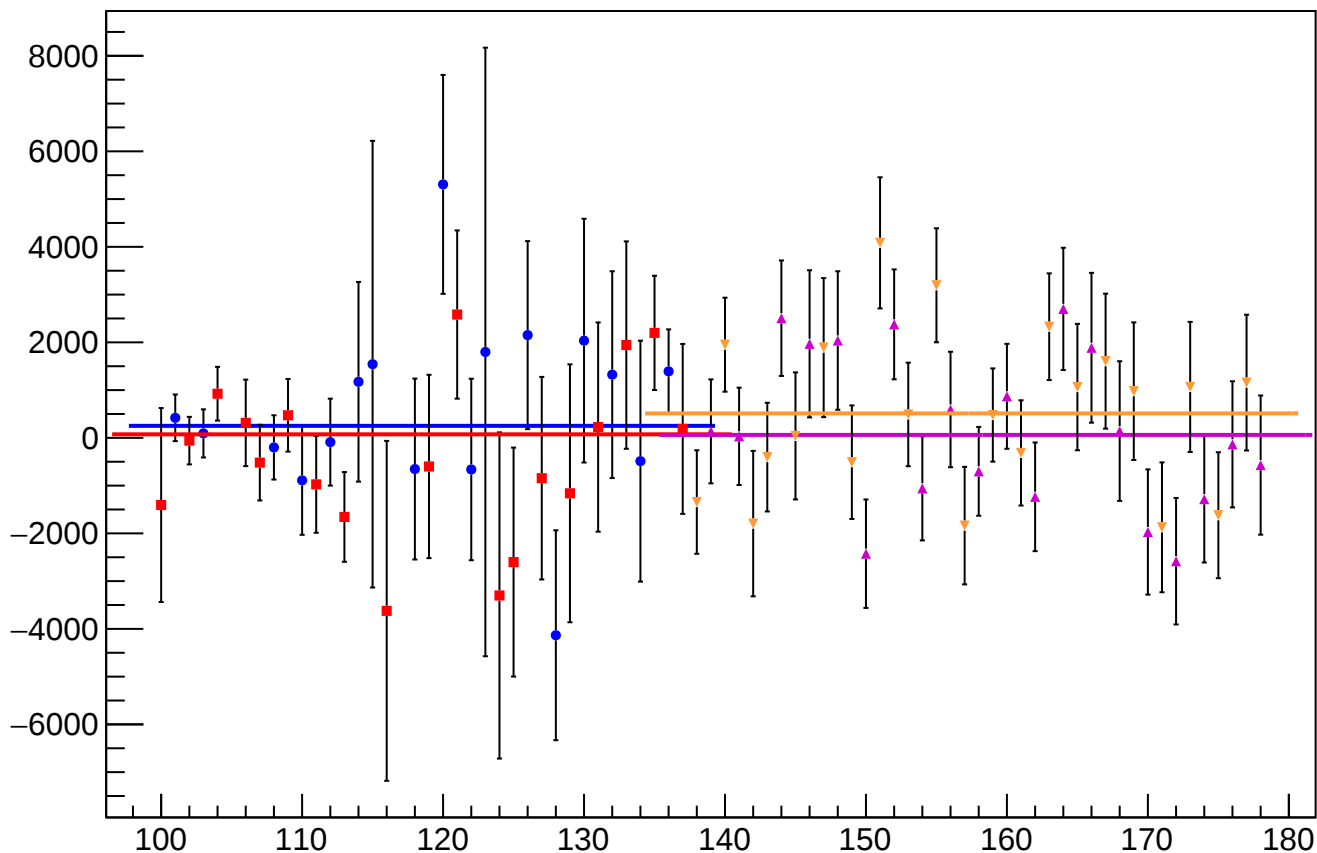
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 148.251+/-0.023 χ^2/NDF : 2220288.5/36

Out: 143.101+/-0.022 χ^2/NDF : 2295038.6/39

All: 145.550+/-0.016 χ^2/NDF : 4542214.5/76

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2/NDF : 14.9/16

Left Out: 511.974 $\pm$ 267.720 χ^2/NDF :35.4/20

Right Out: 74.126 $\pm$ 243.967 χ^2/NDF : 18.0/18

Left In: 61.750 $\pm$ 272.658 χ^2/NDF :33.3/19

Left: 290.975 $\pm$ 191.028 χ^2/NDF : 70.1/40

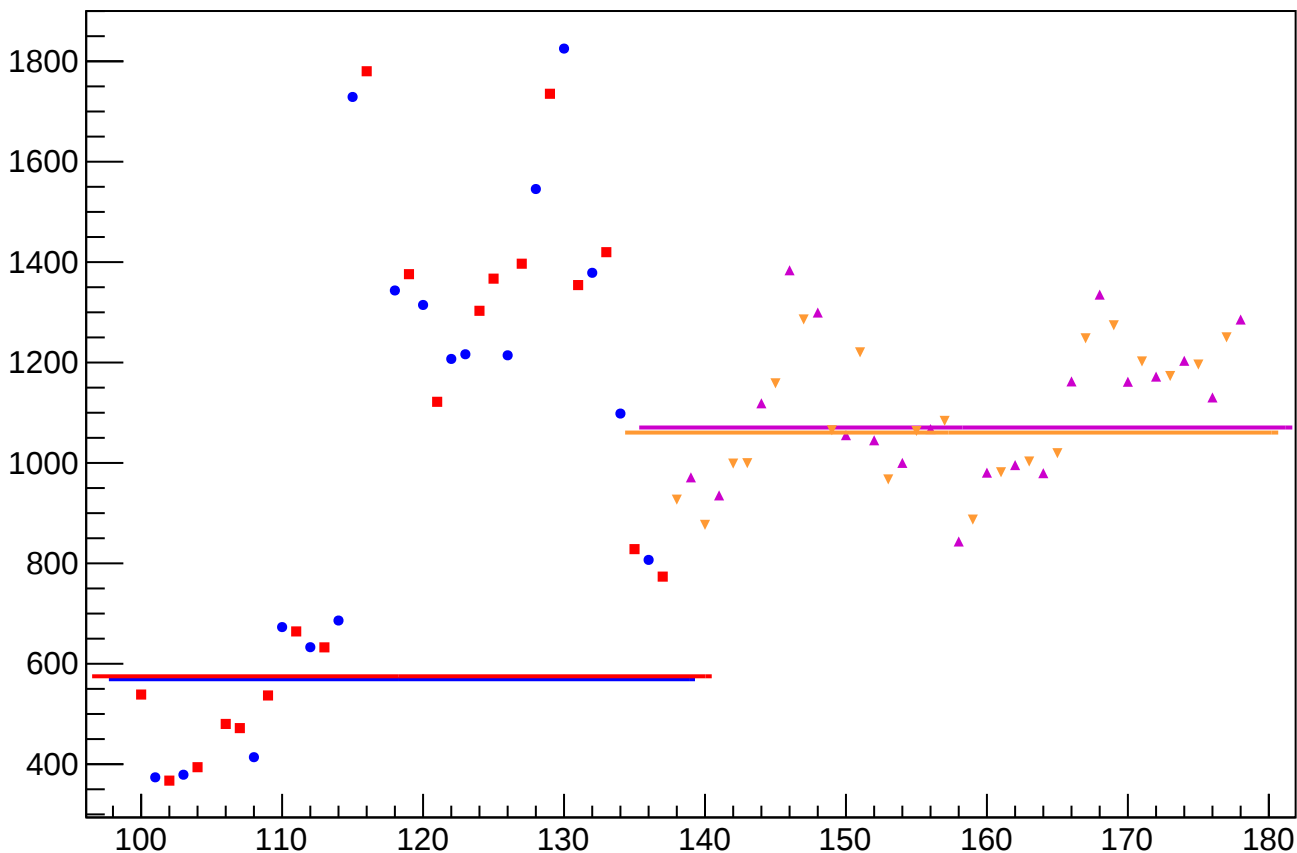
Right: 159.765 $\pm$ 175.557 χ^2/NDF : 33.1/35

In: 163.903 $\pm$ 185.387 χ^2/NDF :48.5/36

Out: 272.768 $\pm$ 180.325 χ^2/NDF :54.8/39

All: 219.843 $\pm$ 129.262 χ^2/NDF : 103.5/76

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1060.505 $\pm$ 0.189 χ^2 /NDF: 462696.3/20

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1070.581 $\pm$ 0.193 χ^2 /NDF: 510165.7/19

Left: 1065.451 $\pm$ 0.135 χ^2 /NDF: 974252.7/40

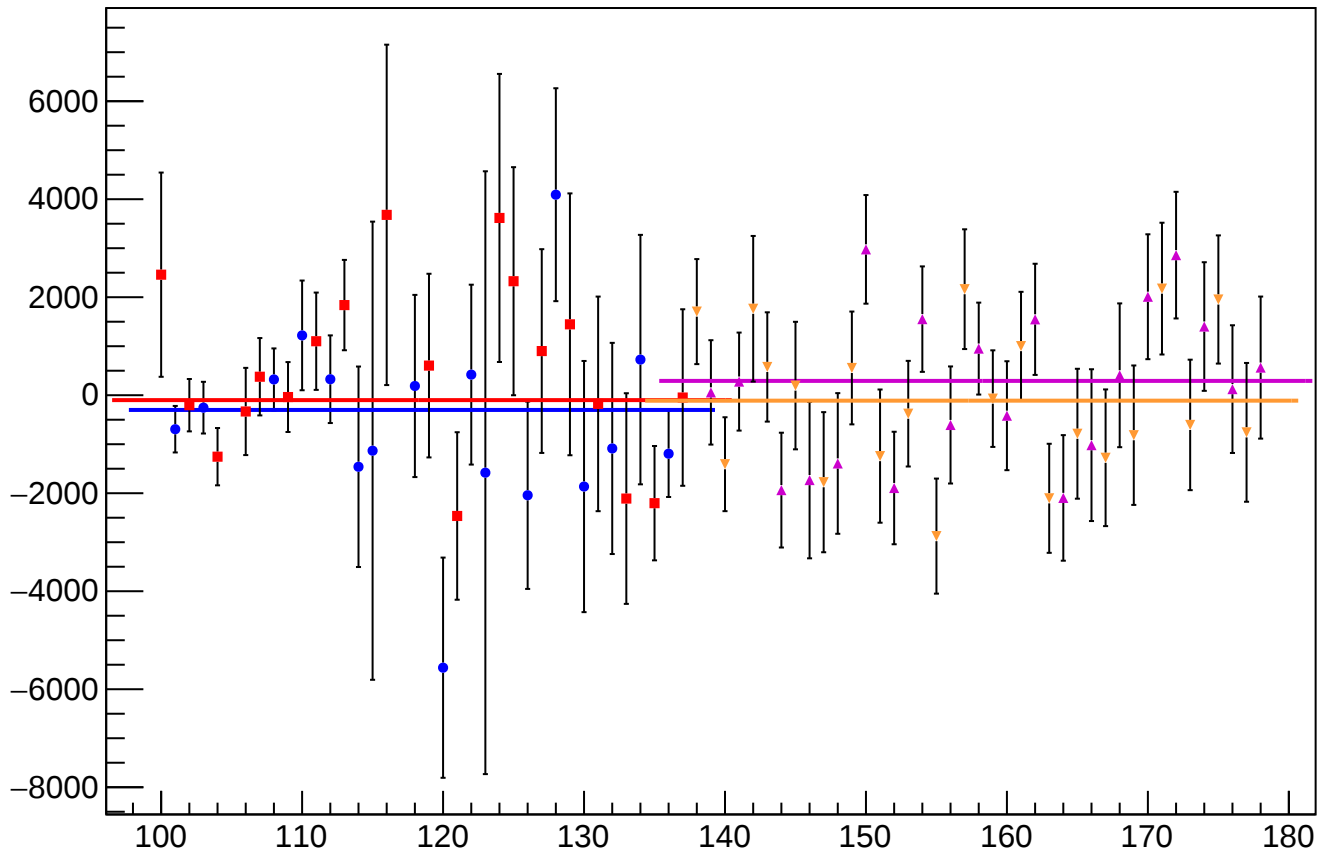
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 800.989 $\pm$ 0.131 χ^2 /NDF: 7413603.6/36

Out: 795.291 $\pm$ 0.128 χ^2 /NDF: 7114232.7/39

All: 798.061 $\pm$ 0.091 χ^2 /NDF: 14528807.0/76

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -111.038 ± 264.647 χ^2/NDF : 29.3/20

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 292.211 ± 270.190 χ^2/NDF : 30.9/19

Left: 86.408 ± 189.063 χ^2/NDF : 61.4/40

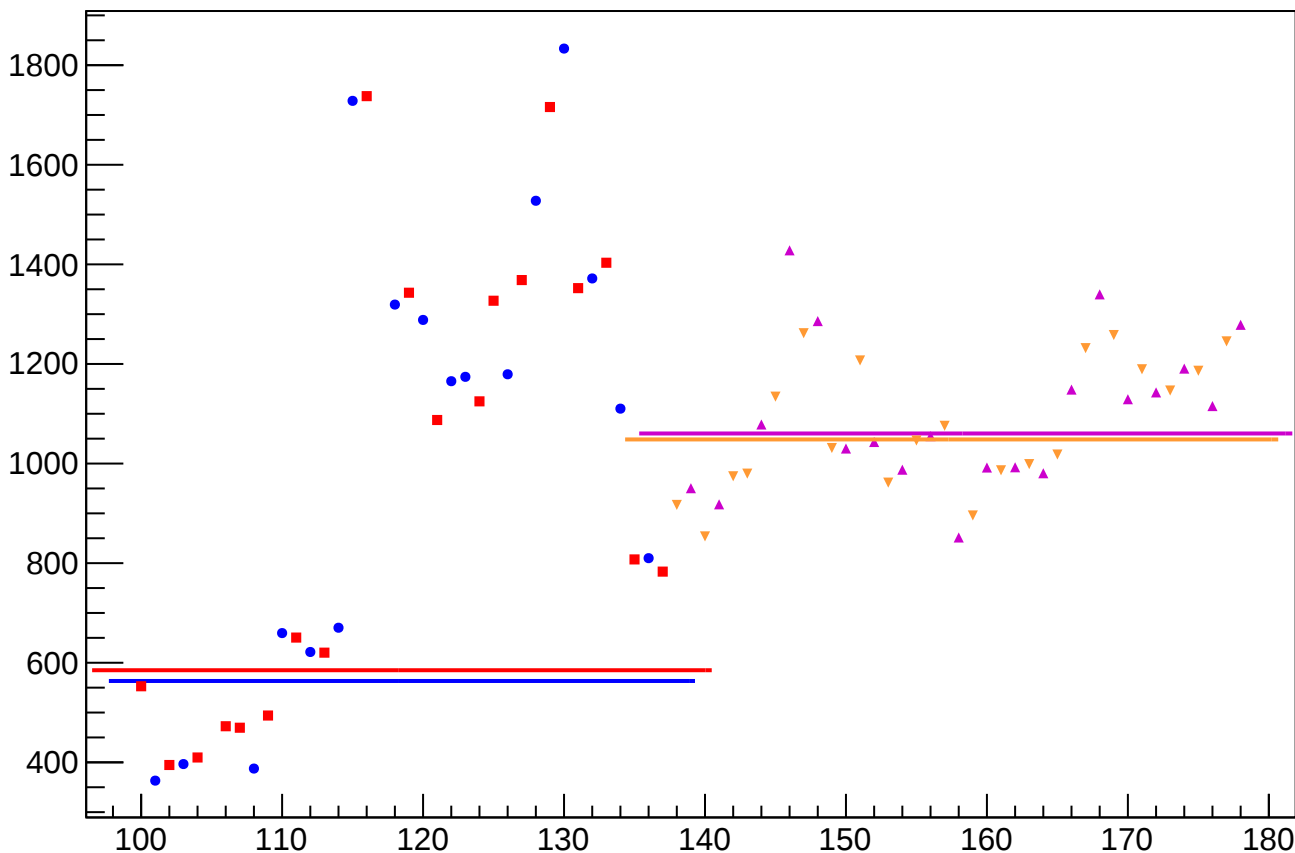
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -26.841 ± 183.619 χ^2/NDF : 50.2/36

Out: -105.087 ± 180.165 χ^2/NDF : 51.7/39

All: -66.707 ± 128.600 χ^2/NDF : 102.1/76

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1048.432 $\pm$ 0.187 χ^2 /NDF: 451113.0/20

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1060.408 $\pm$ 0.191 χ^2 /NDF: 512023.0/19

Left: 1054.296 $\pm$ 0.134 χ^2 /NDF: 965141.0/40

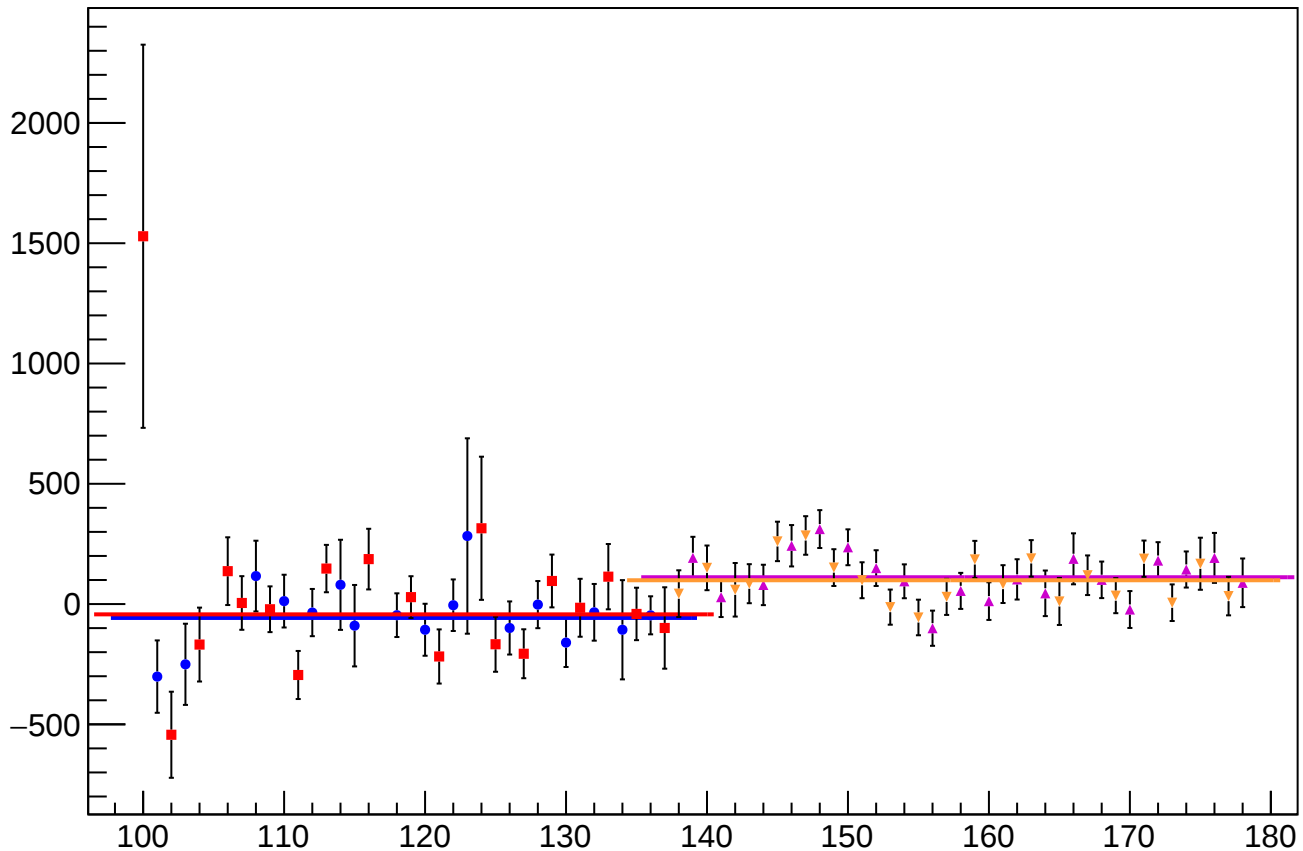
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 792.937 $\pm$ 0.130 χ^2 /NDF: 7413030.4/36

Out: 799.770 $\pm$ 0.127 χ^2 /NDF: 6560582.2/39

All: 796.419 $\pm$ 0.091 χ^2 /NDF: 13975023.5/76

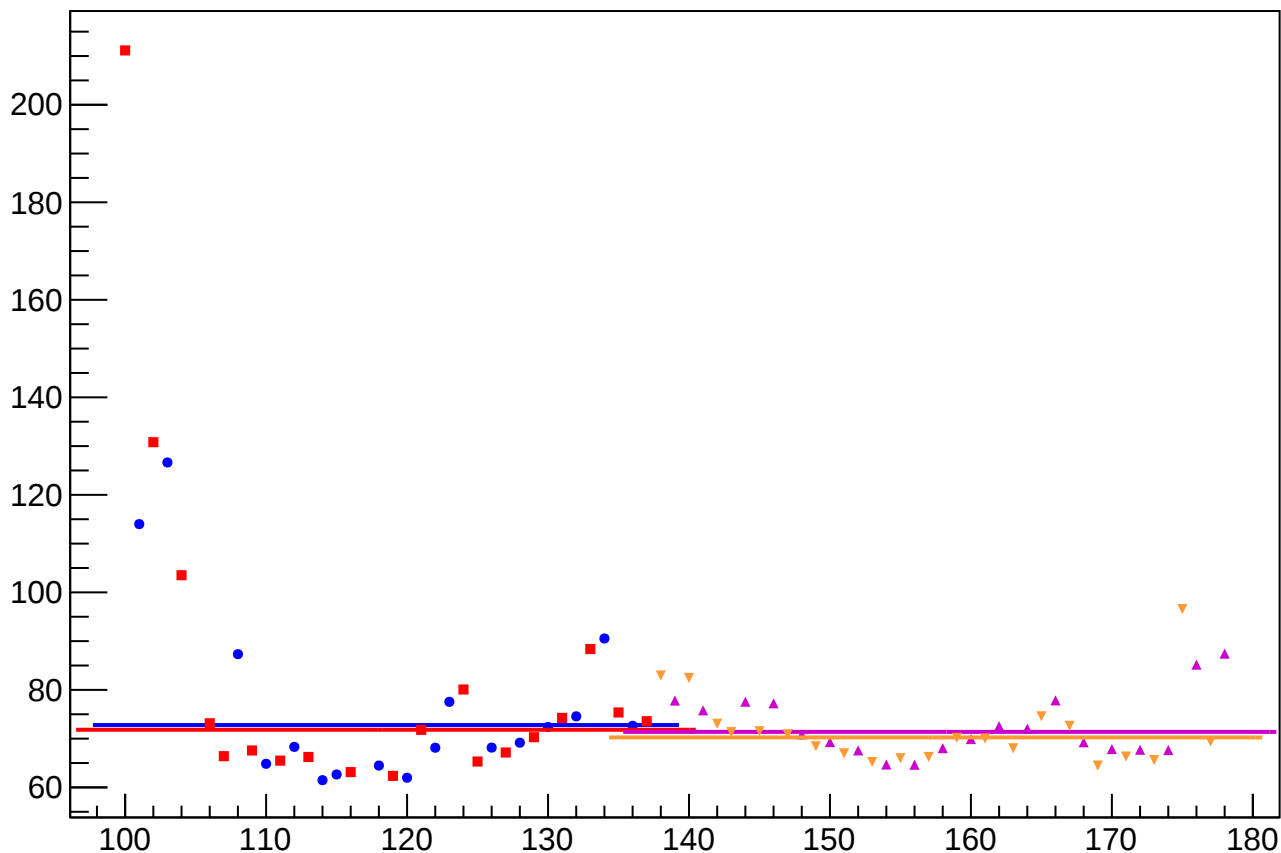
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 98.960 ± 17.702 $\chi^2/\text{NDF}: 26.5/20$
 Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 Left In: 111.486 ± 18.160 $\chi^2/\text{NDF}: 30.2/19$

Left: 105.063 ± 12.676 $\chi^2/\text{NDF}: 57.0/40$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 63.094 ± 15.345 $\chi^2/\text{NDF}: 64.2/36$
 Out: 57.843 ± 14.916 $\chi^2/\text{NDF}: 84.2/39$
 All: 60.394 ± 10.696 $\chi^2/\text{NDF}: 148.4/76$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 70.249 $\pm$ 0.013 χ^2 /NDF: 249038.0/20

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 71.385 $\pm$ 0.013 χ^2 /NDF: 192194.8/19

Left: 70.802 $\pm$ 0.009 χ^2 /NDF: 445247.4/40

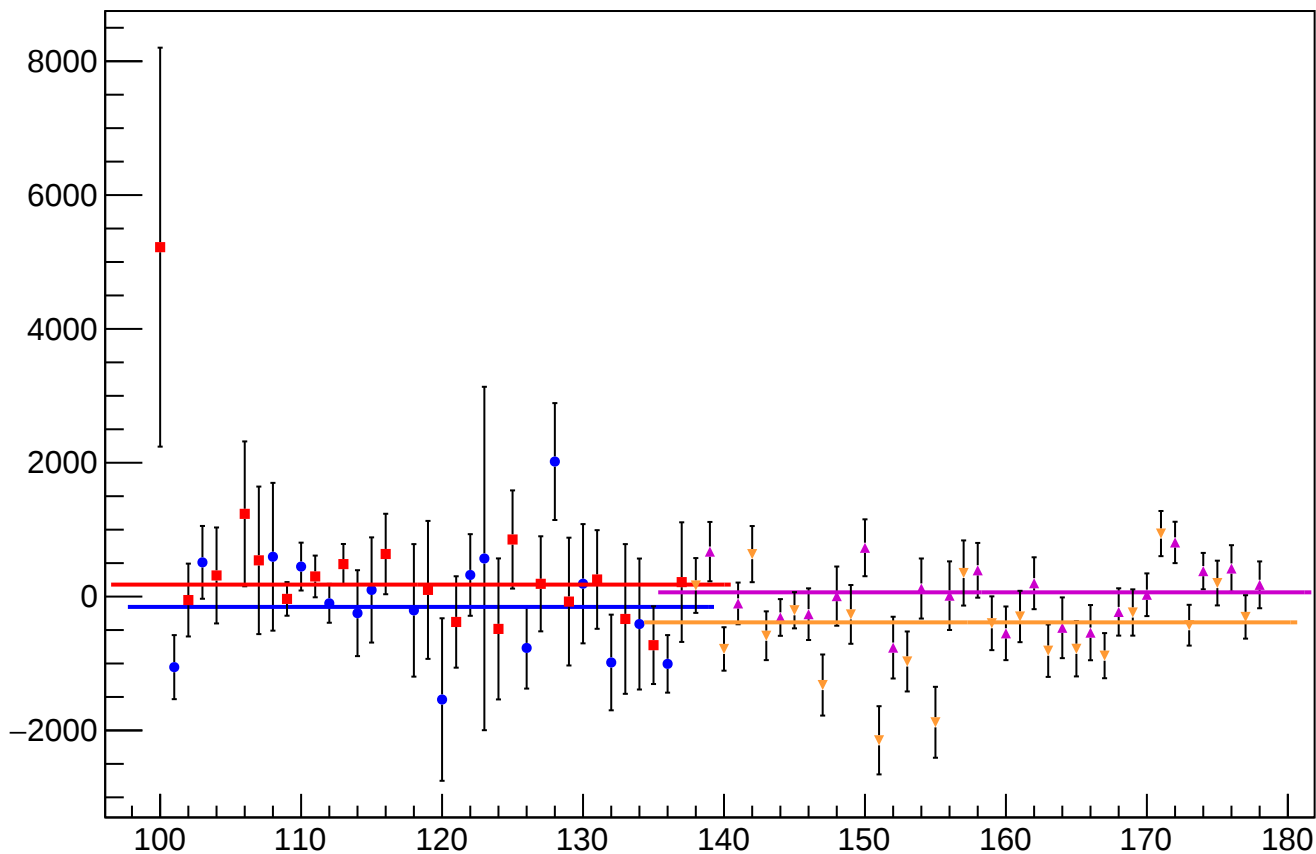
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 71.787 $\pm$ 0.011 χ^2 /NDF: 660390.4/36

Out: 70.706 $\pm$ 0.011 χ^2 /NDF: 719284.7/39

All: 71.231 $\pm$ 0.008 χ^2 /NDF: 1384779.9/76

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -385.142+/-81.797 χ^2/NDF : 61.3/20

Right Out: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: 63.511+/-82.400 χ^2/NDF : 26.1/19

Left: -162.464+/-58.051 χ^2/NDF : 102.3/40

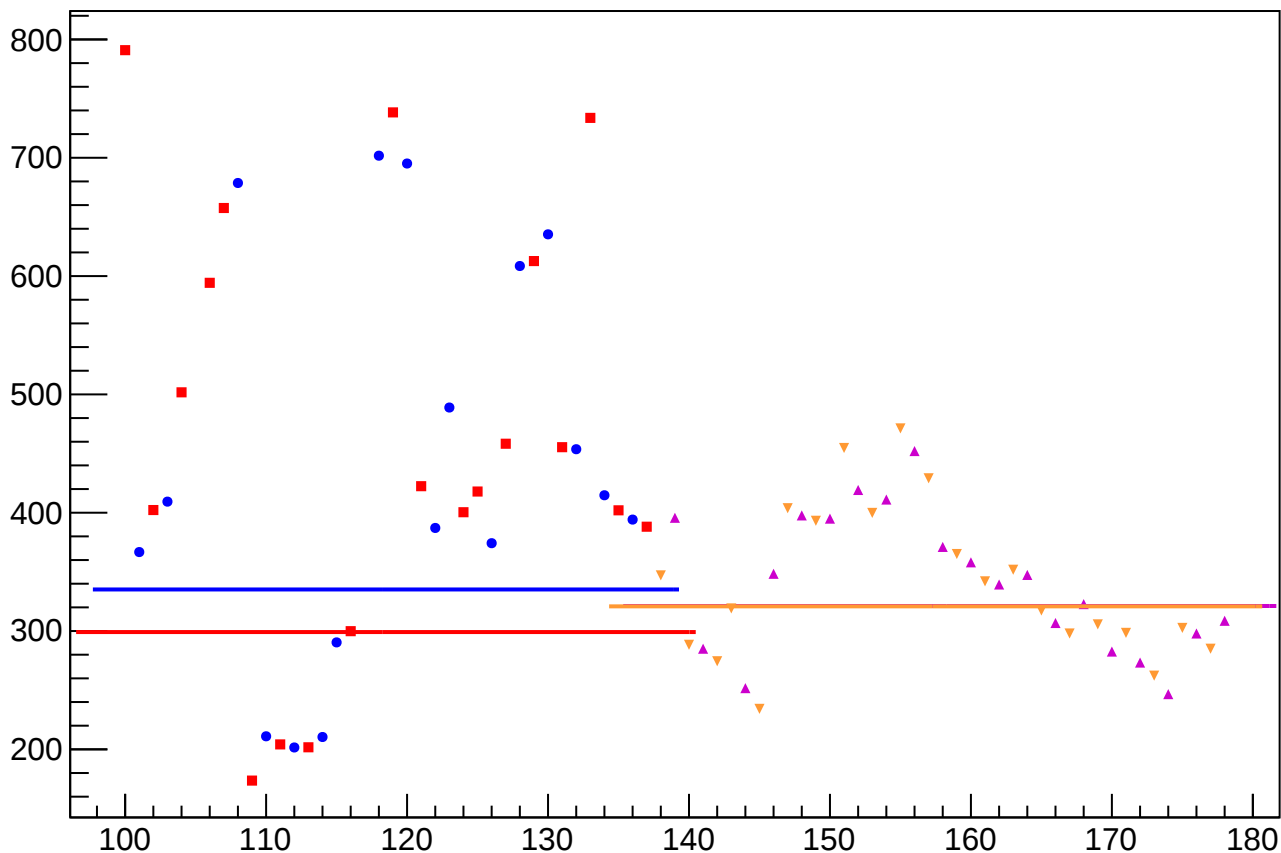
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: 7.859+/-71.104 χ^2/NDF : 51.0/36

Out: -218.062+/-68.625 χ^2/NDF : 86.6/39

All: -109.108+/-49.378 χ^2/NDF : 142.9/76

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 320.858+/-0.058 χ^2/NDF : 1007172.7/20

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 321.165+/-0.058 χ^2/NDF : 941658.4/19

Left: 321.010+/-0.041 χ^2/NDF : 1948845.1/40

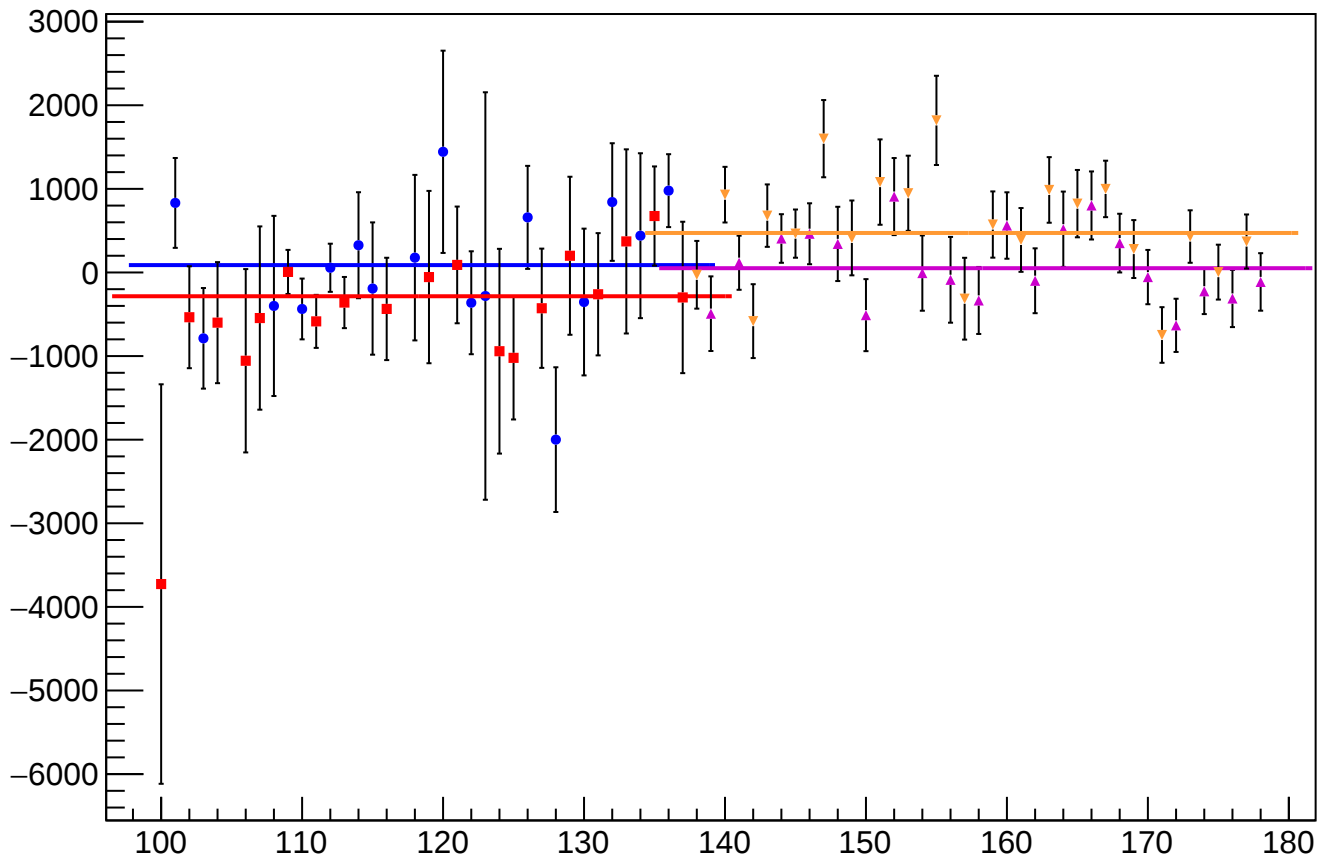
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 324.733+/-0.050 χ^2/NDF : 2950382.5/36

Out: 314.425+/-0.049 χ^2/NDF : 3880031.8/39

All: 319.396+/-0.035 χ^2/NDF : 6852176.2/76

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 472.498+/-82.580 χ^2/NDF : 47.8/20

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 51.068+/-82.787 χ^2/NDF : 25.0/19

Left: 262.311+/-58.466 χ^2/NDF : 85.8/40

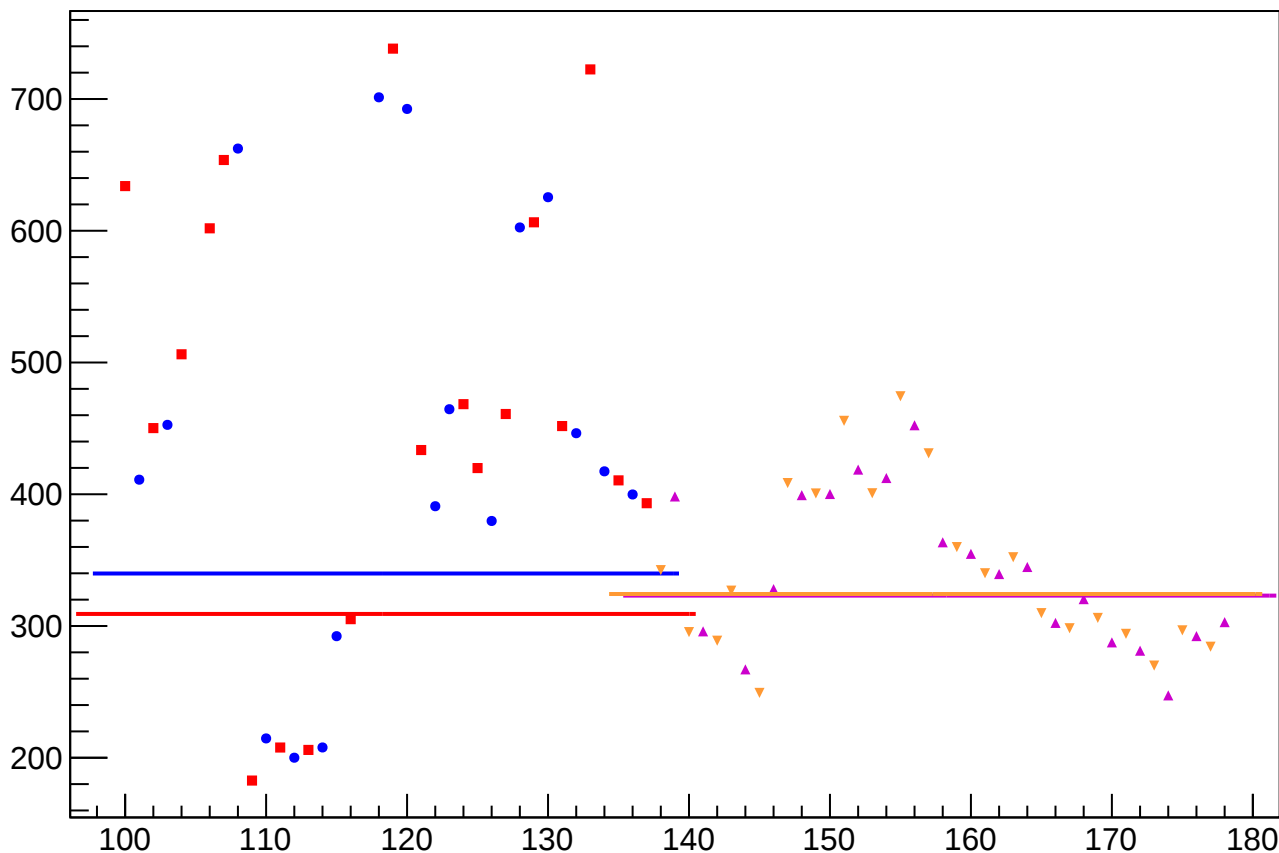
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 60.366+/-71.649 χ^2/NDF : 45.8/36

Out: 254.077+/-69.655 χ^2/NDF : 82.2/39

All: 159.954+/-49.944 χ^2/NDF : 131.8/76

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2/NDF : 2043522.4/16

Left Out: 324.291 $\pm$ 0.058 χ^2/NDF : 906994.7/20

Right Out: 309.158 $\pm$ 0.092 χ^2/NDF : 2735887.4/18

Left In: 323.066 $\pm$ 0.059 χ^2/NDF : 842449.1/19

Left: 323.680 $\pm$ 0.041 χ^2/NDF : 1749663.3/40

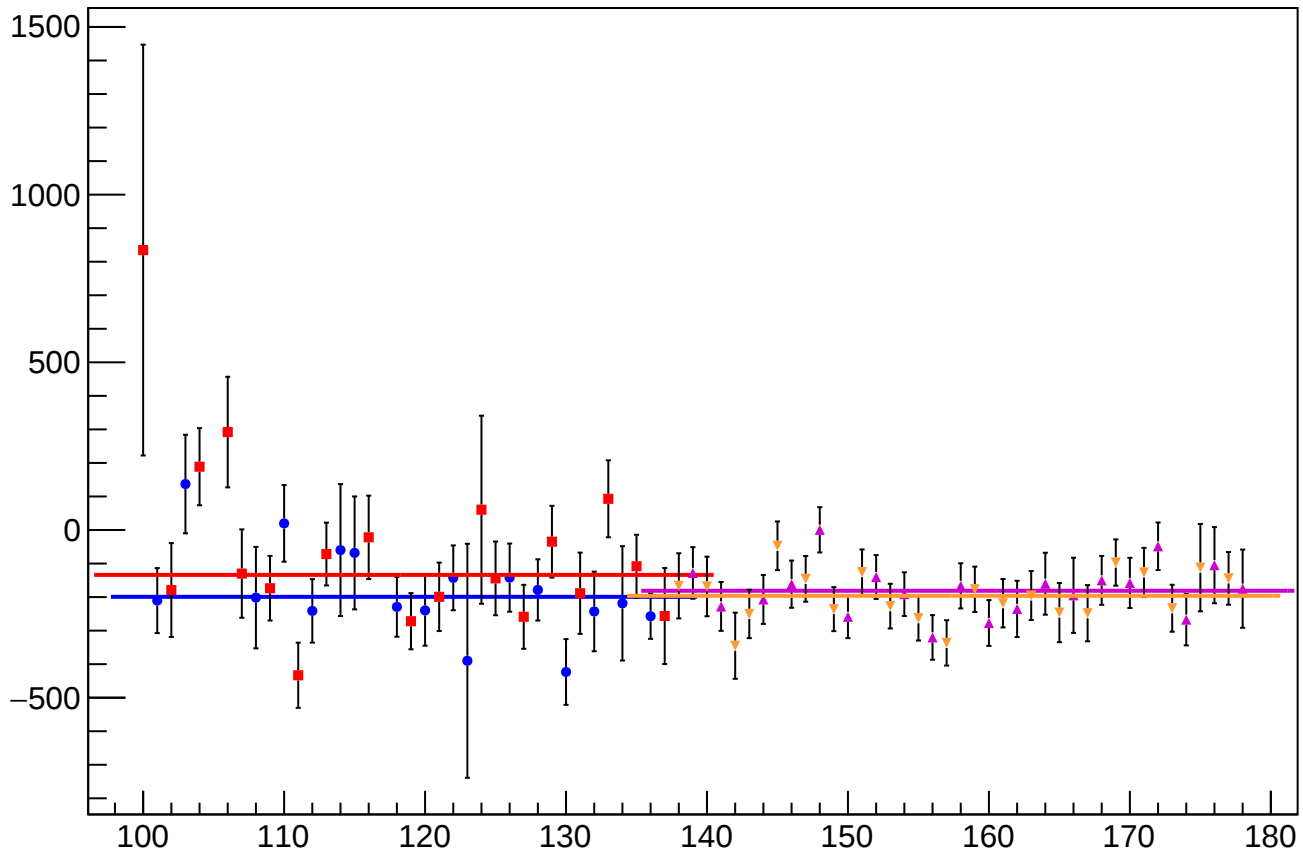
Right: 323.006 $\pm$ 0.068 χ^2/NDF : 4829958.1/35

In: 327.278 $\pm$ 0.051 χ^2/NDF : 2906602.1/36

Out: 319.925 $\pm$ 0.049 χ^2/NDF : 3662259.9/39

All: 323.498 $\pm$ 0.035 χ^2/NDF : 6579693.3/76

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 χ^2/NDF : 17.6/16

Left Out: -196.266 ± 16.345 χ^2/NDF : 19.8/20

Right Out: -133.844 ± 26.228 χ^2/NDF : 39.2/18

Left In: -181.127 ± 16.734 χ^2/NDF : 22.6/19

Left: -188.874 ± 11.693 χ^2/NDF : 42.8/40

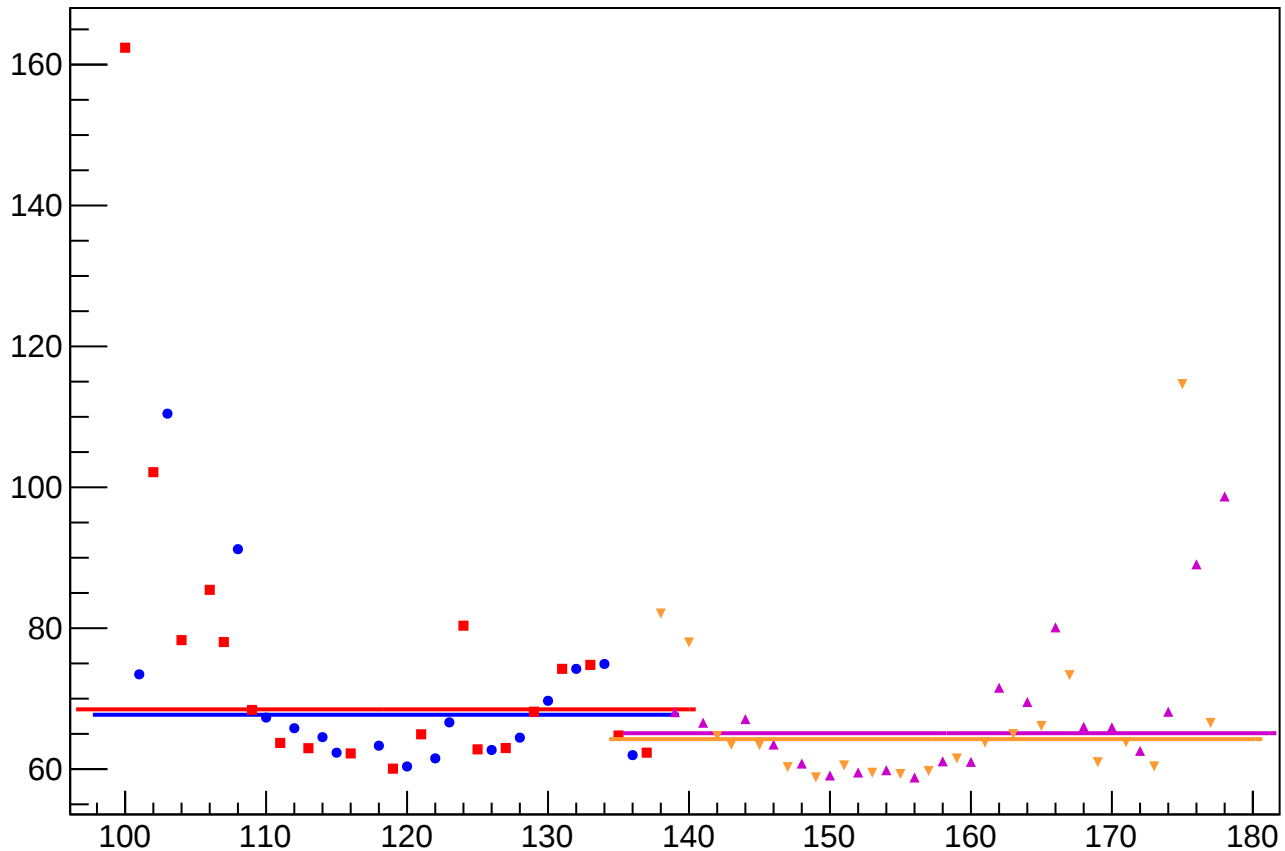
Right: -166.192 ± 18.647 χ^2/NDF : 59.8/35

In: -186.289 ± 14.151 χ^2/NDF : 40.6/36

Out: -178.805 ± 13.872 χ^2/NDF : 63.0/39

All: -182.472 ± 9.906 χ^2/NDF : 103.7/76

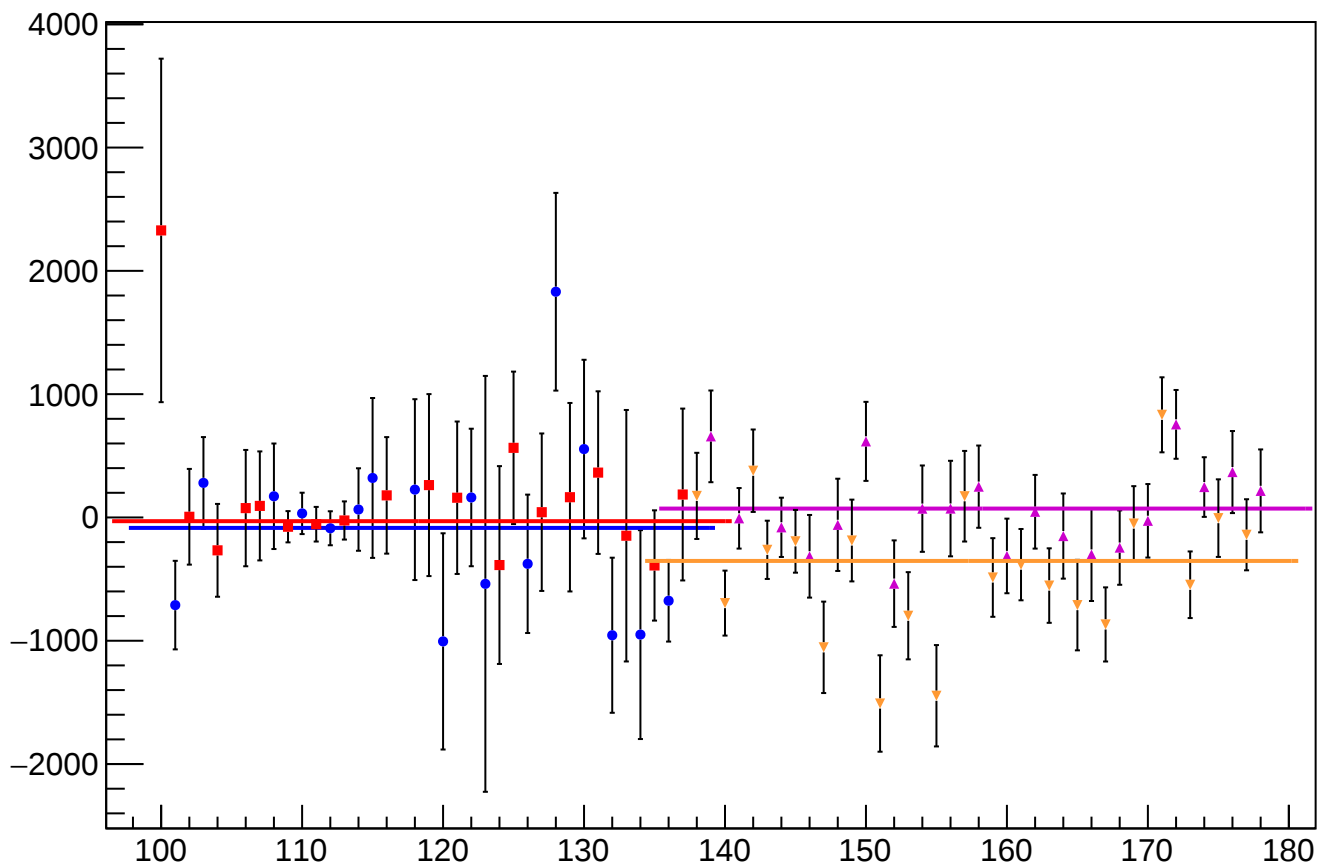
dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16
 Left Out: 64.255 $\pm$ 0.012 χ^2/NDF : 512553.0/20
 Right Out: 68.481 $\pm$ 0.019 χ^2/NDF : 281423.4/18
 Left In: 65.096 $\pm$ 0.012 χ^2/NDF : 405498.4/19

Left: 64.666 $\pm$ 0.008 χ^2/NDF : 920632.5/40
 Right: 68.102 $\pm$ 0.013 χ^2/NDF : 565158.7/35
 In: 65.842 $\pm$ 0.010 χ^2/NDF : 702354.3/36
 Out: 65.437 $\pm$ 0.010 χ^2/NDF : 831369.7/39
 All: 65.636 $\pm$ 0.007 χ^2/NDF : 1534557.2/76

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -352.651 ± 67.748 $\chi^2/\text{NDF}: 55.5/20$

Right Out: -30.219 ± 69.663 $\chi^2/\text{NDF}: 6.3/18$

Left In: 71.966 ± 69.601 $\chi^2/\text{NDF}: 22.3/19$

Left: -146.070 ± 48.547 $\chi^2/\text{NDF}: 97.0/40$

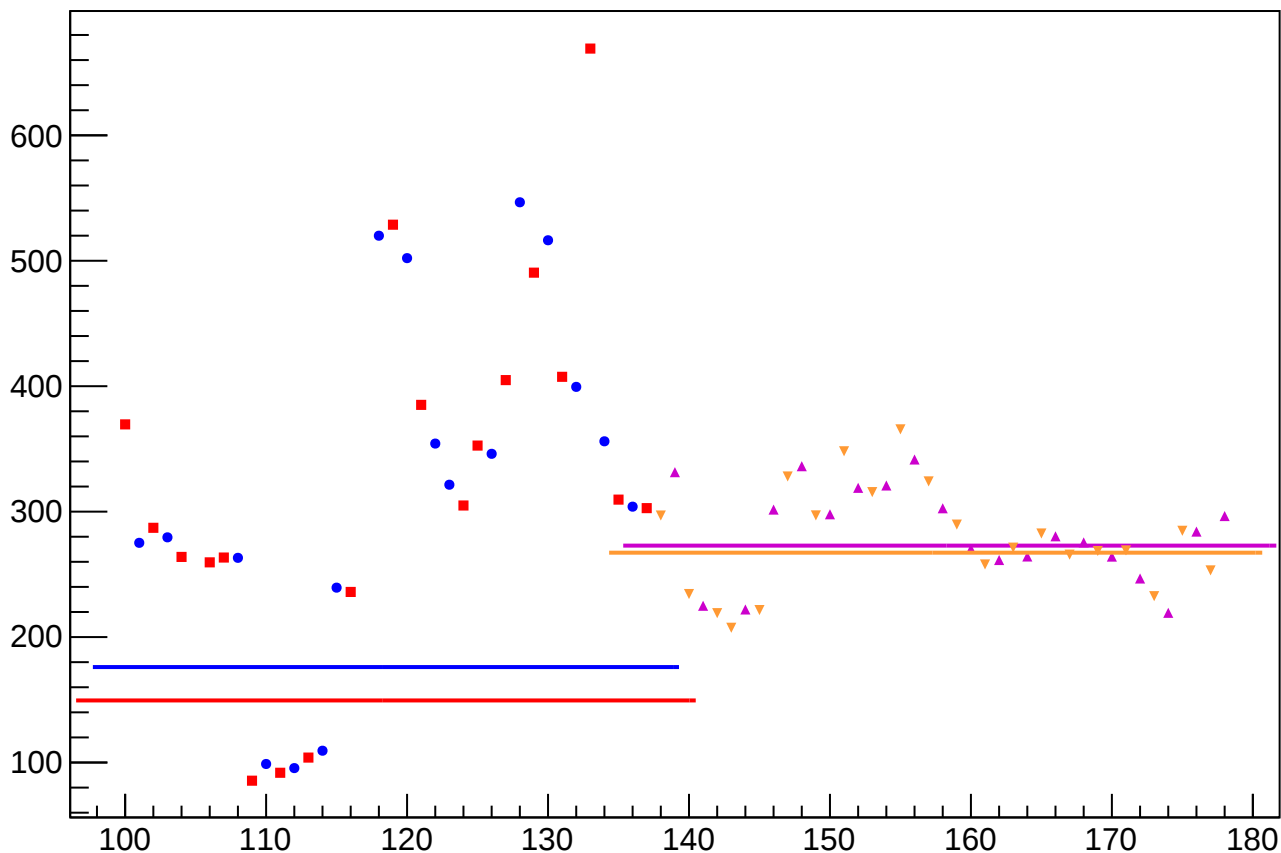
Right: -52.867 ± 53.271 $\chi^2/\text{NDF}: 26.5/35$

In: 6.954 ± 53.243 $\chi^2/\text{NDF}: 44.3/36$

Out: -195.927 ± 48.568 $\chi^2/\text{NDF}: 72.8/39$

All: -103.783 ± 35.882 $\chi^2/\text{NDF}: 125.1/76$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 267.282+/-0.048 χ^2/NDF : 694904.1/20

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 272.909+/-0.049 χ^2/NDF : 585106.6/19

Left: 270.020+/-0.034 χ^2/NDF : 1286723.3/40

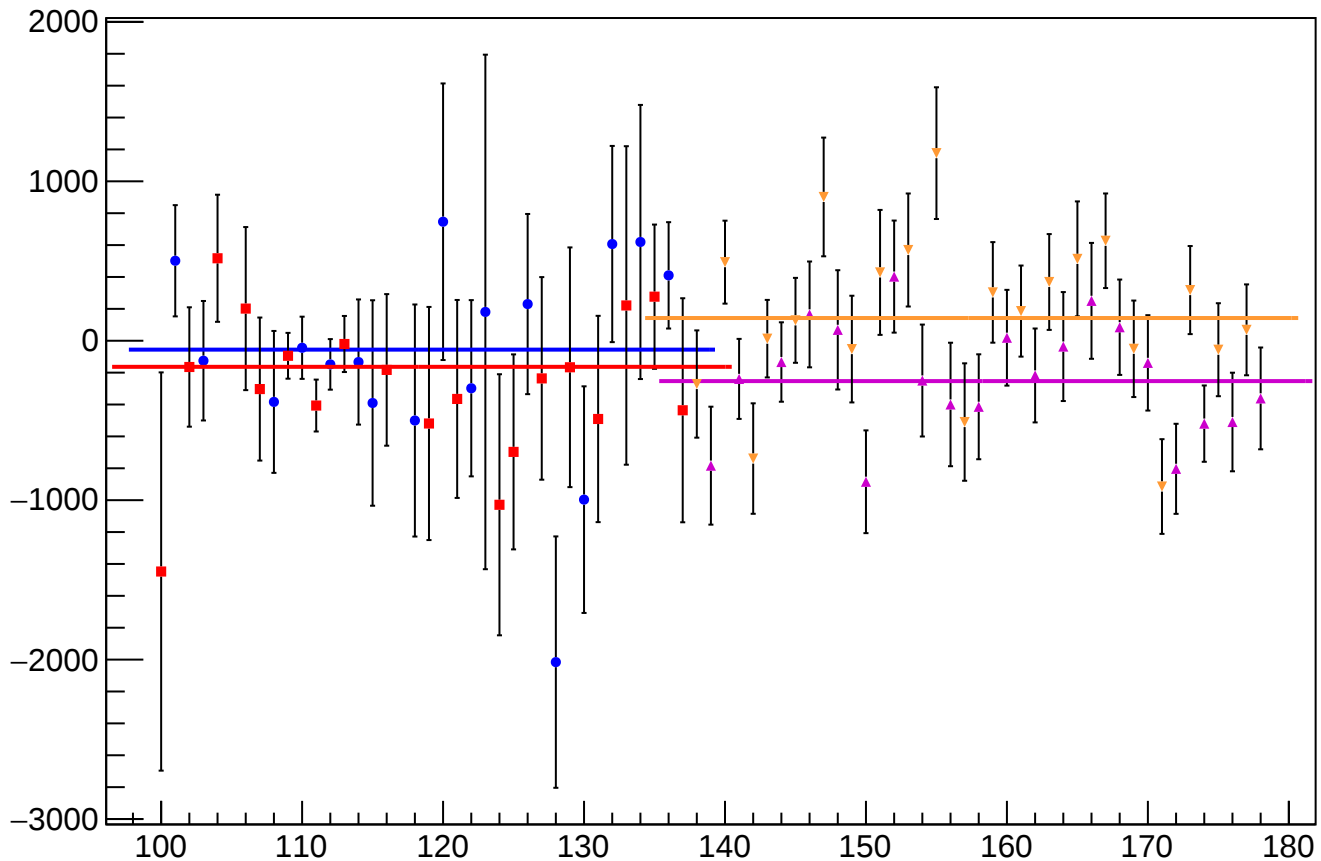
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 232.750+/-0.038 χ^2/NDF : 6413929.4/36

Out: 210.024+/-0.034 χ^2/NDF : 8454980.3/39

All: 220.346+/-0.025 χ^2/NDF : 15067791.8/76

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 142.533 ± 67.626 χ^2/NDF : 44.6/20

Right Out: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -253.113 ± 69.233 χ^2/NDF : 22.7/19

Left: -50.645 ± 48.377 χ^2/NDF : 84.0/40

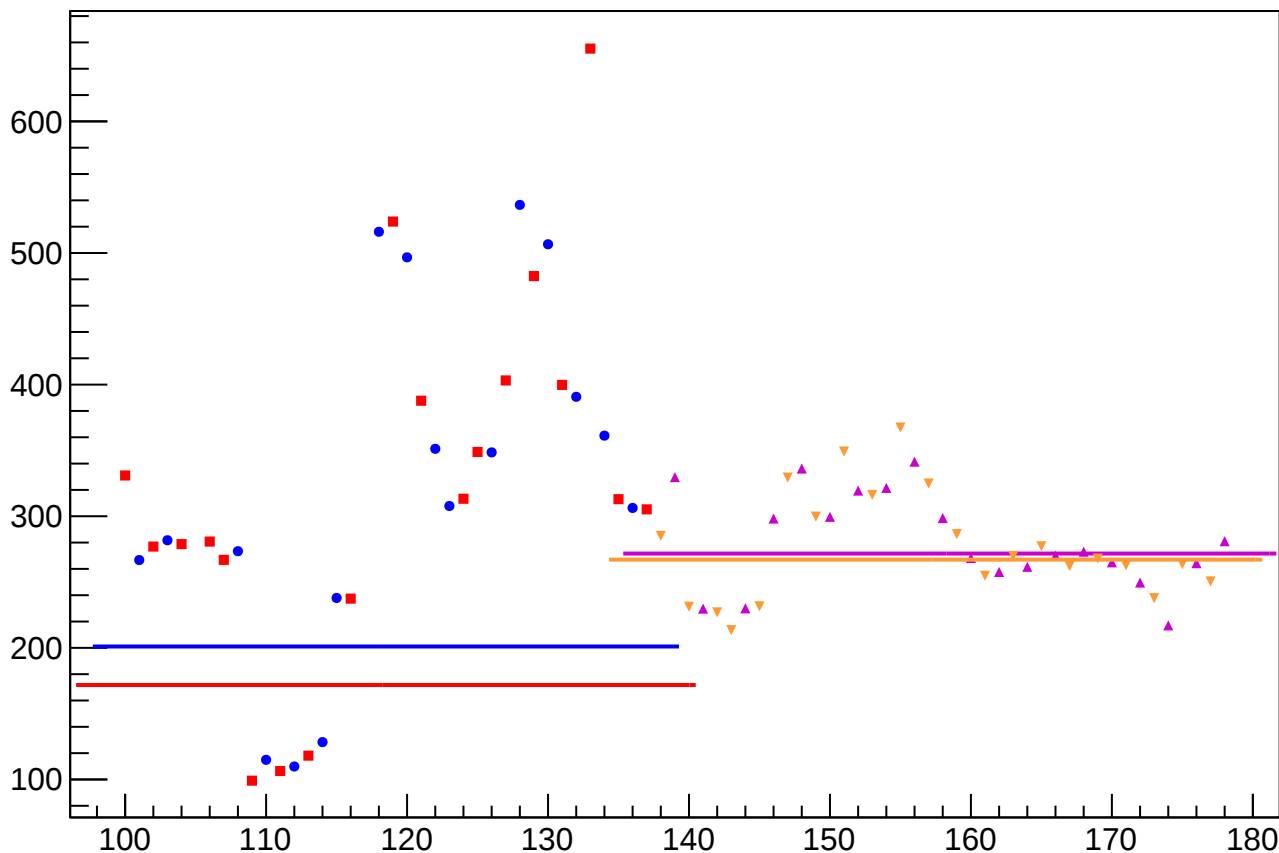
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -180.314 ± 55.004 χ^2/NDF : 42.9/36

Out: 9.095 ± 50.790 χ^2/NDF : 64.9/39

All: -78.077 ± 37.315 χ^2/NDF : 114.2/76

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 267.041+/-0.048 χ^2/NDF : 615333.1/20

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 271.654+/-0.049 χ^2/NDF : 530566.7/19

Left: 269.294+/-0.034 χ^2/NDF : 1150443.7/40

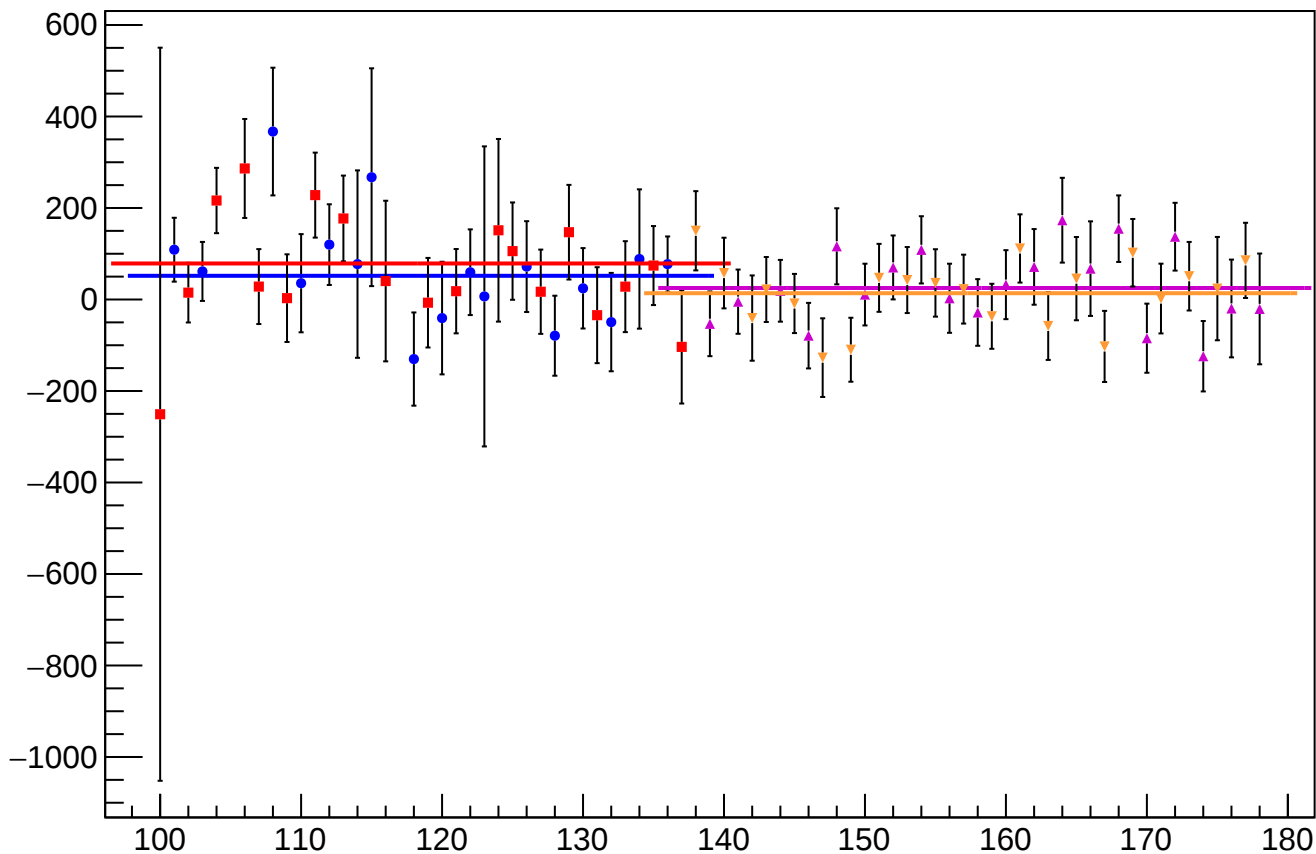
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 245.610+/-0.039 χ^2/NDF : 4731012.4/36

Out: 225.508+/-0.036 χ^2/NDF : 6444108.0/39

All: 234.759+/-0.026 χ^2/NDF : 11319310.3/76

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: 13.756 $\pm$ 16.824 χ^2 /NDF:17.6/20

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 25.155 $\pm$ 17.307 χ^2 /NDF:21.8/19

Left: 19.294 $\pm$ 12.064 χ^2 /NDF: 39.6/40

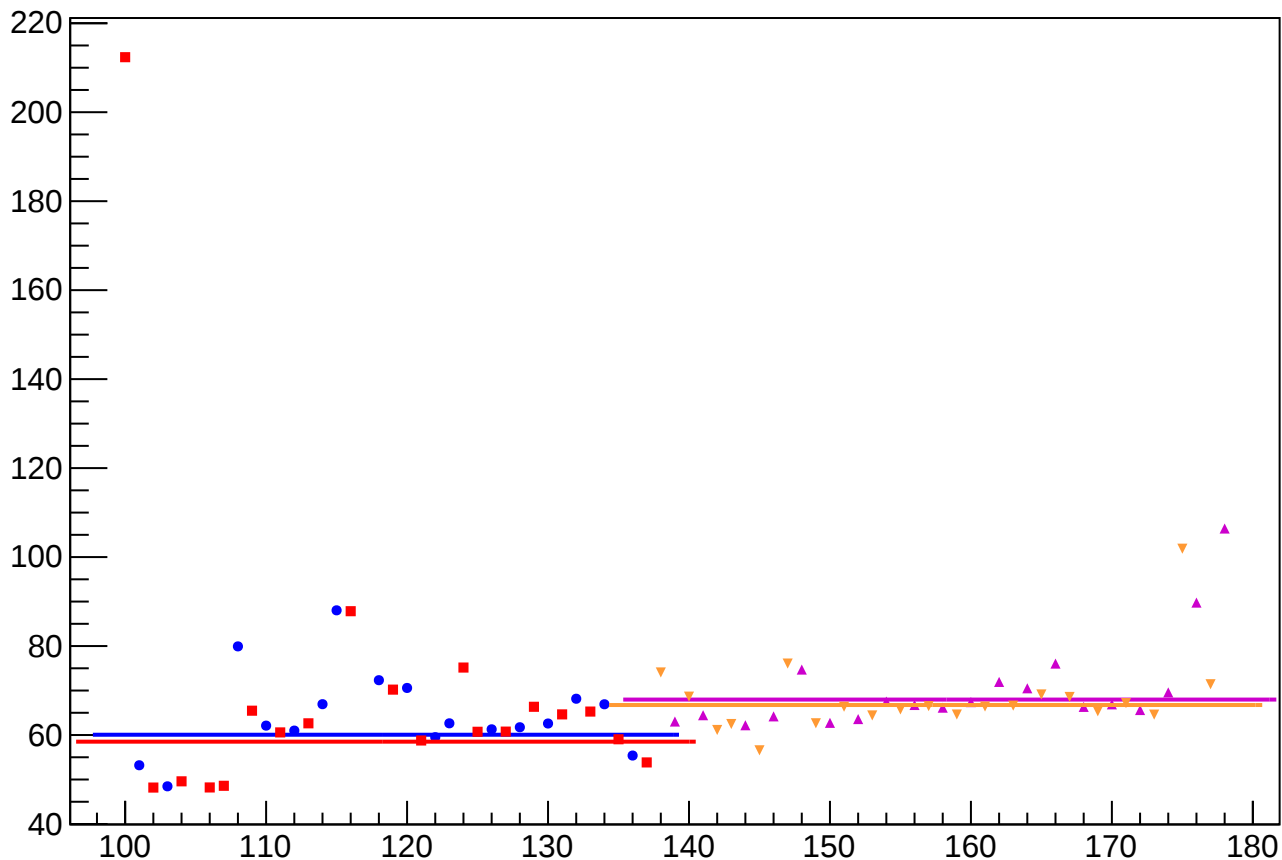
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 34.505 $\pm$ 13.943 χ^2 /NDF:37.2/36

Out: 37.075 $\pm$ 13.472 χ^2 /NDF:42.1/39

All: 35.834 $\pm$ 9.688 χ^2 /NDF: 79.2/76

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: 66.744 ± 0.012 $\chi^2/\text{NDF}: 319253.7/20$

Right Out: 58.508 ± 0.016 $\chi^2/\text{NDF}: 348822.3/18$

Left In: 67.969 ± 0.012 $\chi^2/\text{NDF}: 377563.1/19$

Left: 67.339 ± 0.009 $\chi^2/\text{NDF}: 701969.4/40$

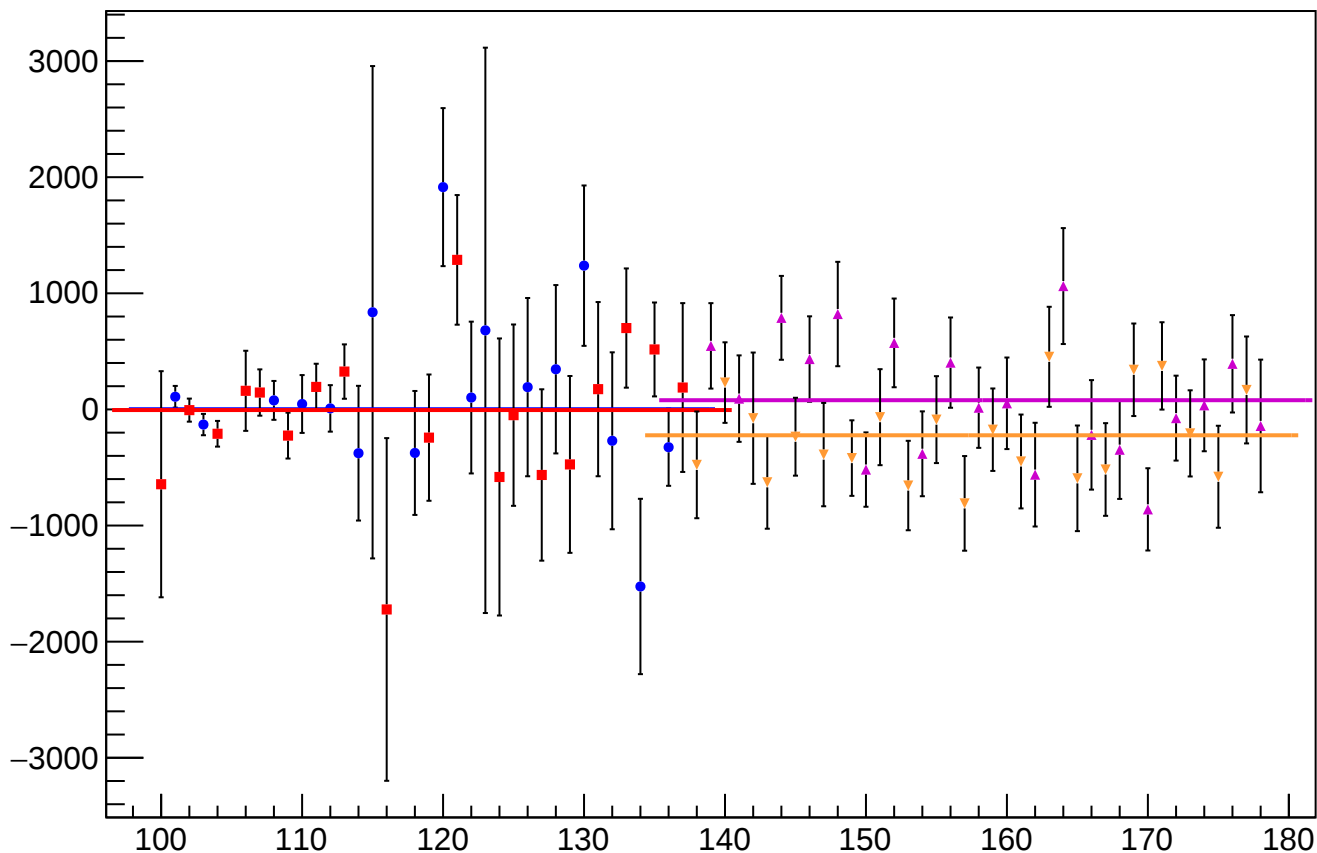
Right: 59.251 ± 0.011 $\chi^2/\text{NDF}: 582496.2/35$

In: 65.196 ± 0.010 $\chi^2/\text{NDF}: 753033.3/36$

Out: 63.789 ± 0.010 $\chi^2/\text{NDF}: 840037.0/39$

All: 64.468 ± 0.007 $\chi^2/\text{NDF}: 1603596.9/76$

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -222.669+/-86.820 χ^2/NDF :17.1/20

Right Out: -5.402+/-56.516 χ^2/NDF : 20.7/18

Left In: 79.407+/-87.772 χ^2/NDF :31.9/19

Left: -73.278+/-61.725 χ^2/NDF : 55.0/40

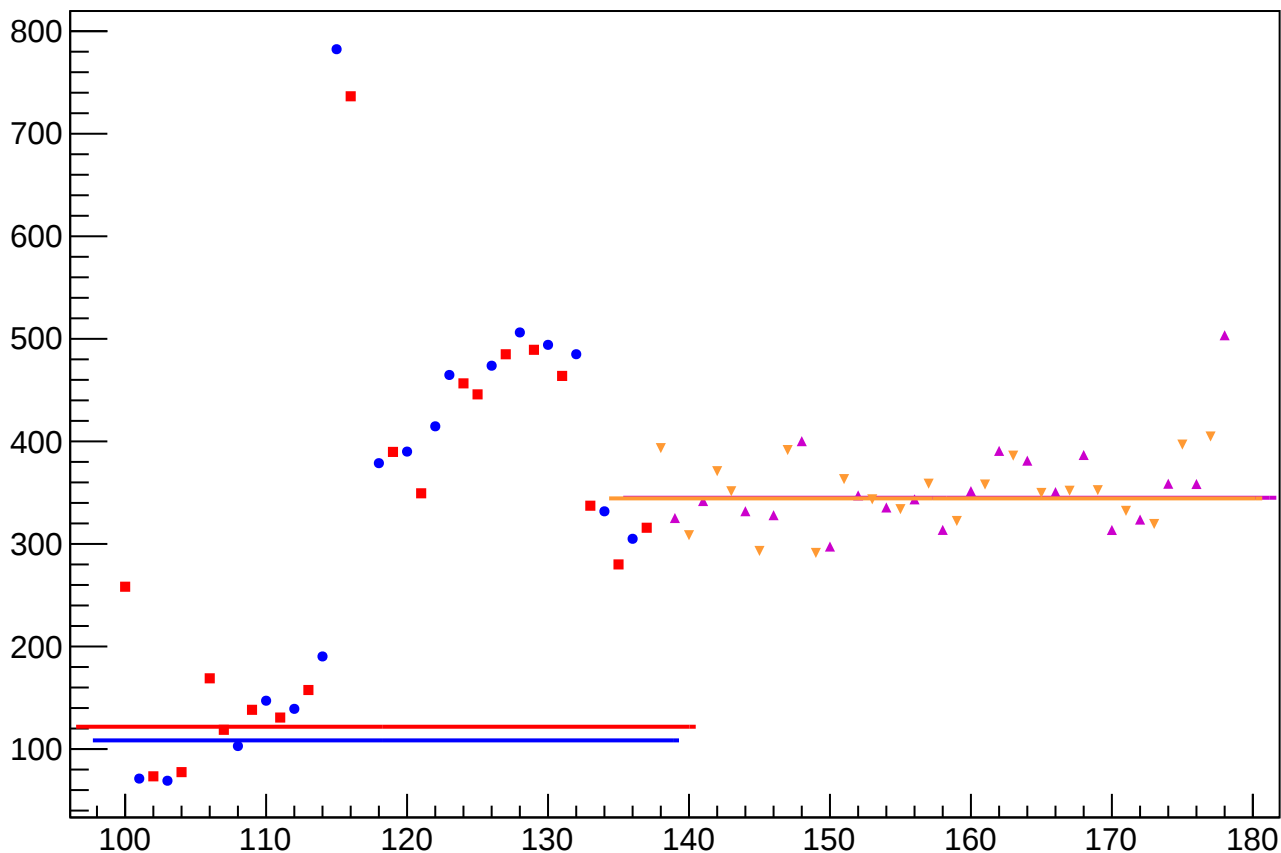
Right: -1.770+/-39.150 χ^2/NDF : 42.1/35

In: 23.113+/-46.168 χ^2/NDF :53.9/36

Out: -70.067+/-47.365 χ^2/NDF :42.2/39

All: -22.285+/-33.061 χ^2/NDF : 98.0/76

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: 344.415 $\pm$ 0.061 χ^2 /NDF:284447.5/20

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 345.048 $\pm$ 0.062 χ^2 /NDF:337519.2/19

Left: 344.728 $\pm$ 0.044 χ^2 /NDF: 622019.2/40

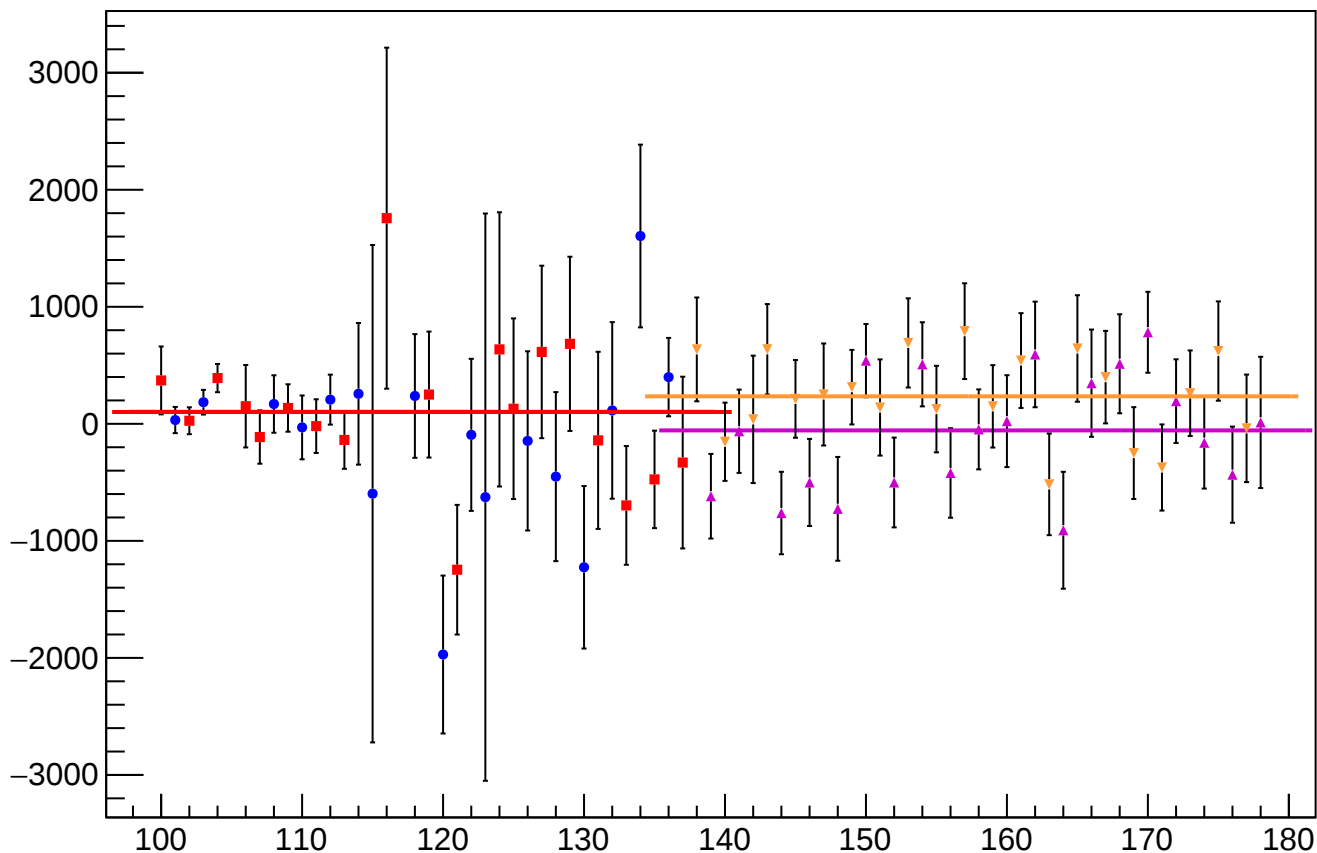
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 173.907 $\pm$ 0.033 χ^2 /NDF:16253850.7/36

Out: 188.032 $\pm$ 0.033 χ^2 /NDF:14294123.6/39

All: 180.789 $\pm$ 0.023 χ^2 /NDF: 30639182.3/76

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 234.837 $\pm$ 85.508 χ^2 /NDF:16.9/20

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -56.224 $\pm$ 86.504 χ^2 /NDF:33.4/19

Left: 90.992 $\pm$ 60.813 χ^2 /NDF: 56.1/40

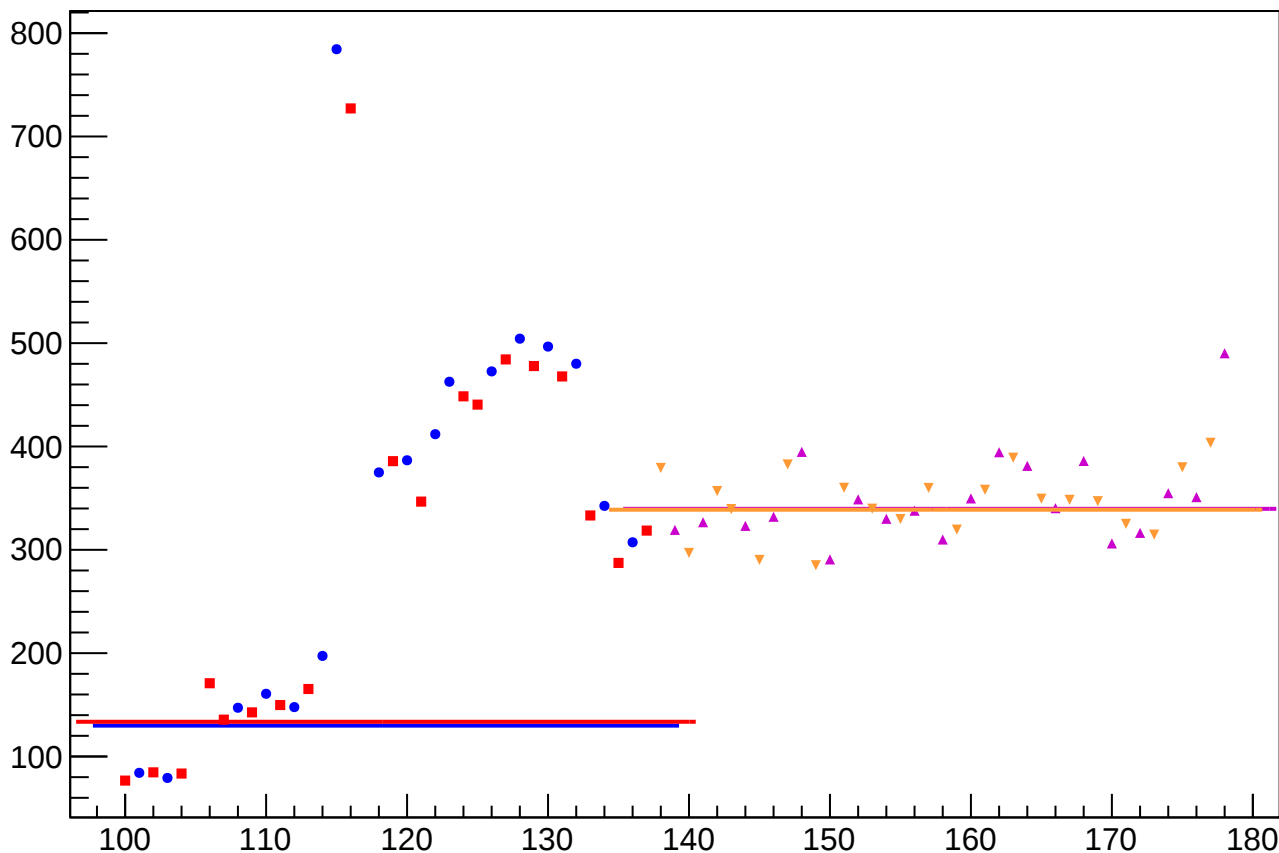
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 47.163 $\pm$ 50.993 χ^2 /NDF:55.9/36

Out: 146.153 $\pm$ 49.576 χ^2 /NDF:41.2/39

All: 98.053 $\pm$ 35.546 χ^2 /NDF: 99.0/76

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 338.810 $\pm$ 0.060 χ^2 /NDF: 292457.8/20

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

Left In: 339.678 $\pm$ 0.061 χ^2 /NDF: 356385.1/19

Left: 339.239 $\pm$ 0.043 χ^2 /NDF: 648944.7/40

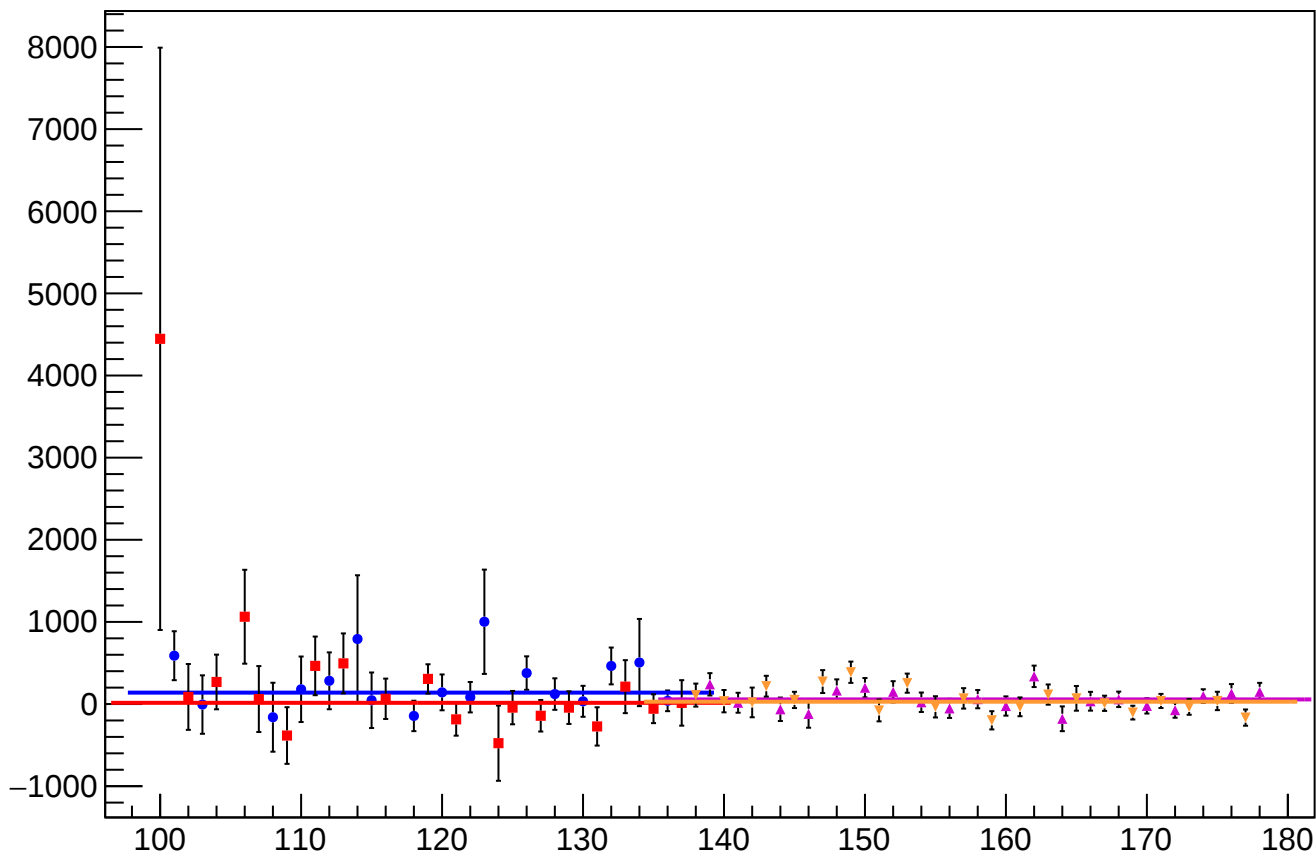
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 202.786 $\pm$ 0.036 χ^2 /NDF: 12861710.9/36

Out: 202.582 $\pm$ 0.035 χ^2 /NDF: 12302446.4/39

All: 202.681 $\pm$ 0.025 χ^2 /NDF: 25164173.6/76

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093+/-57.982 χ^2/NDF : 13.1/16

Left Out: 28.580+/-24.848 χ^2/NDF :30.0/20

Right Out: 14.912+/-60.119 χ^2/NDF : 18.0/18

Left In: 56.402+/-25.665 χ^2/NDF :18.9/19

Left: 42.041+/-17.852 χ^2/NDF : 49.5/40

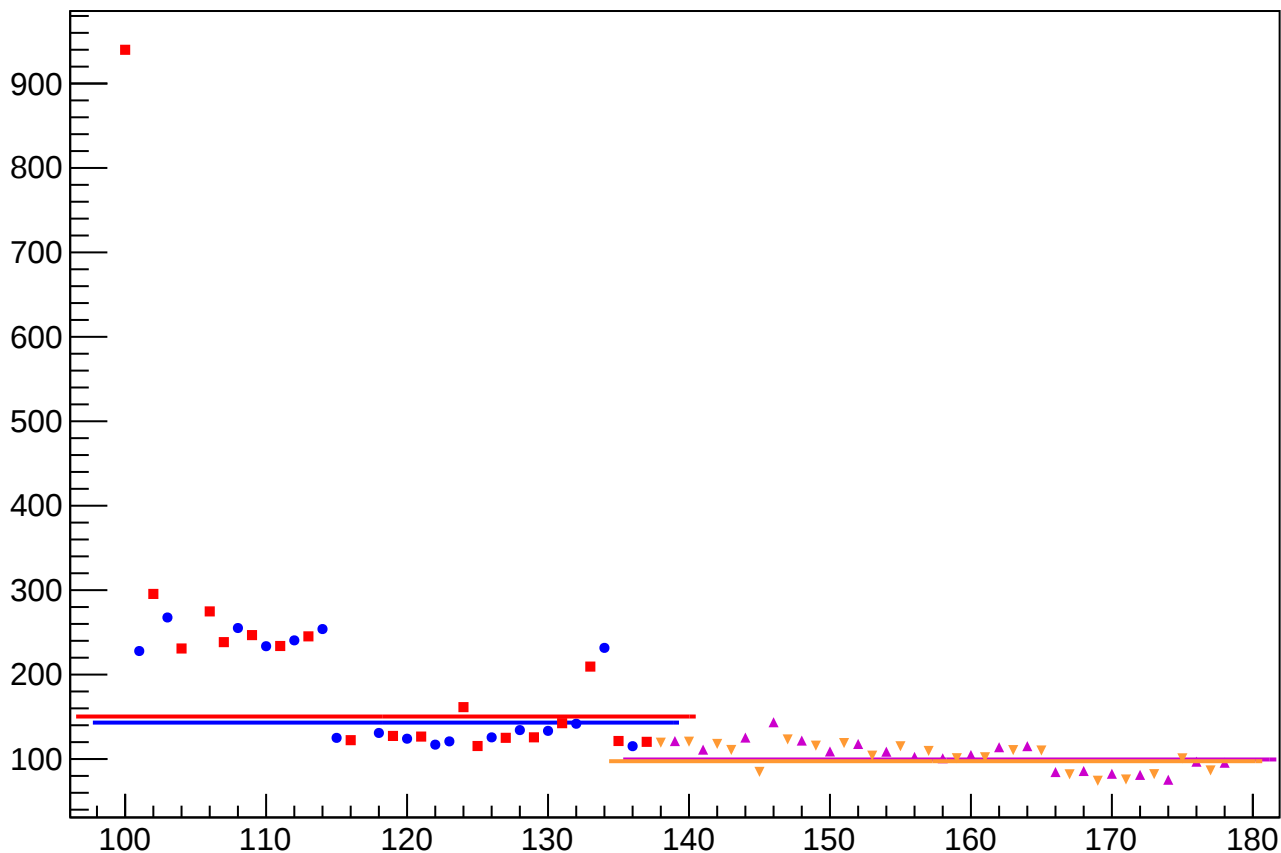
Right: 79.249+/-41.734 χ^2/NDF : 33.3/35

In: 69.950+/-23.469 χ^2/NDF :33.7/36

Out: 26.586+/-22.964 χ^2/NDF :48.0/39

All: 47.796+/-16.414 χ^2/NDF : 83.5/76

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: 97.421 $\pm$ 0.018 χ^2 /NDF: 866935.9/20

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 99.468 $\pm$ 0.018 χ^2 /NDF: 832766.2/19

Left: 98.411 $\pm$ 0.013 χ^2 /NDF: 1706266.8/40

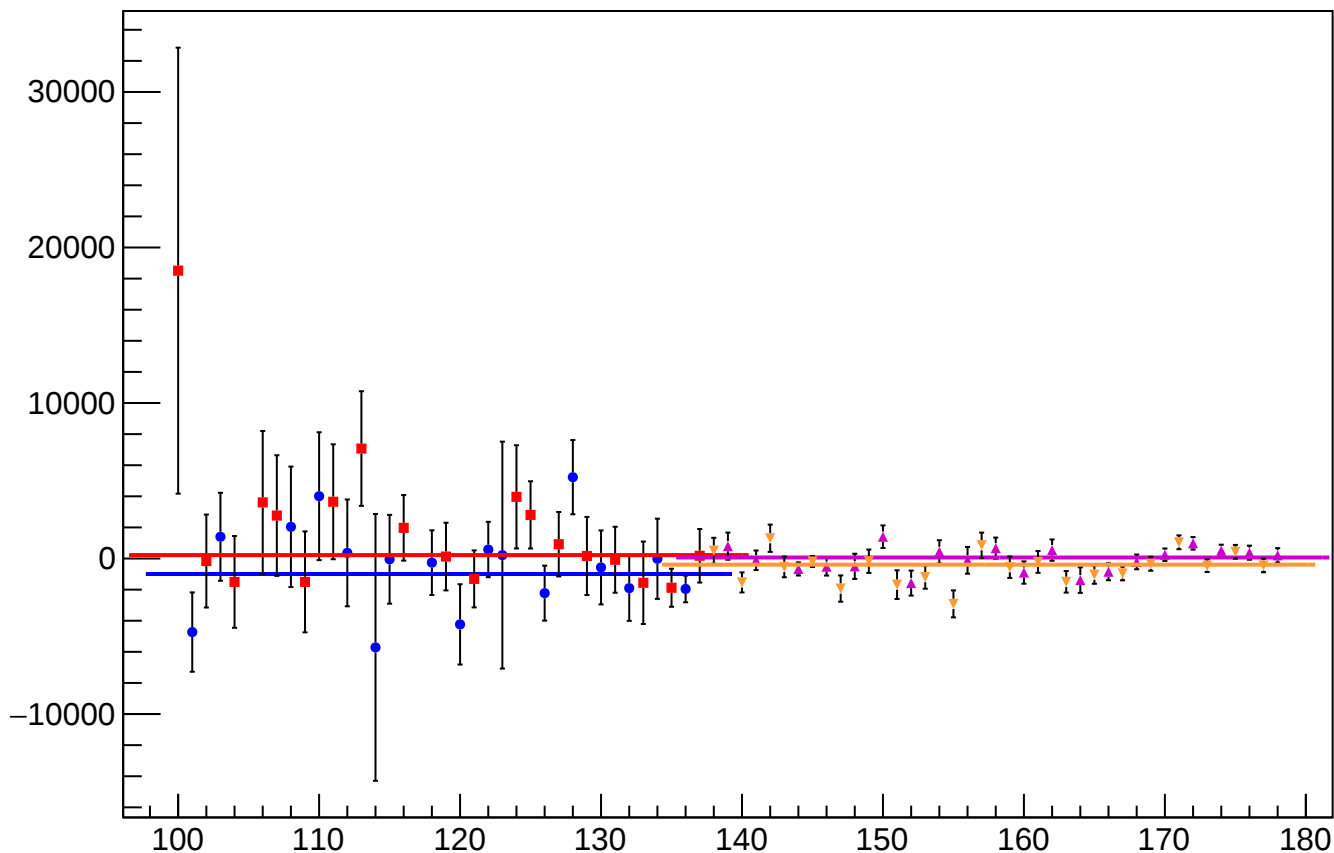
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 106.623 $\pm$ 0.017 χ^2 /NDF: 2882770.2/36

Out: 105.142 $\pm$ 0.016 χ^2 /NDF: 3622334.4/39

All: 105.866 $\pm$ 0.012 χ^2 /NDF: 6509172.7/76

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -394.964+/-123.892 χ^2/NDF : 45.2/20

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: 65.824+/-124.176 χ^2/NDF : 29.8/19

Left: -165.098+/-87.705 χ^2/NDF : 81.9/40

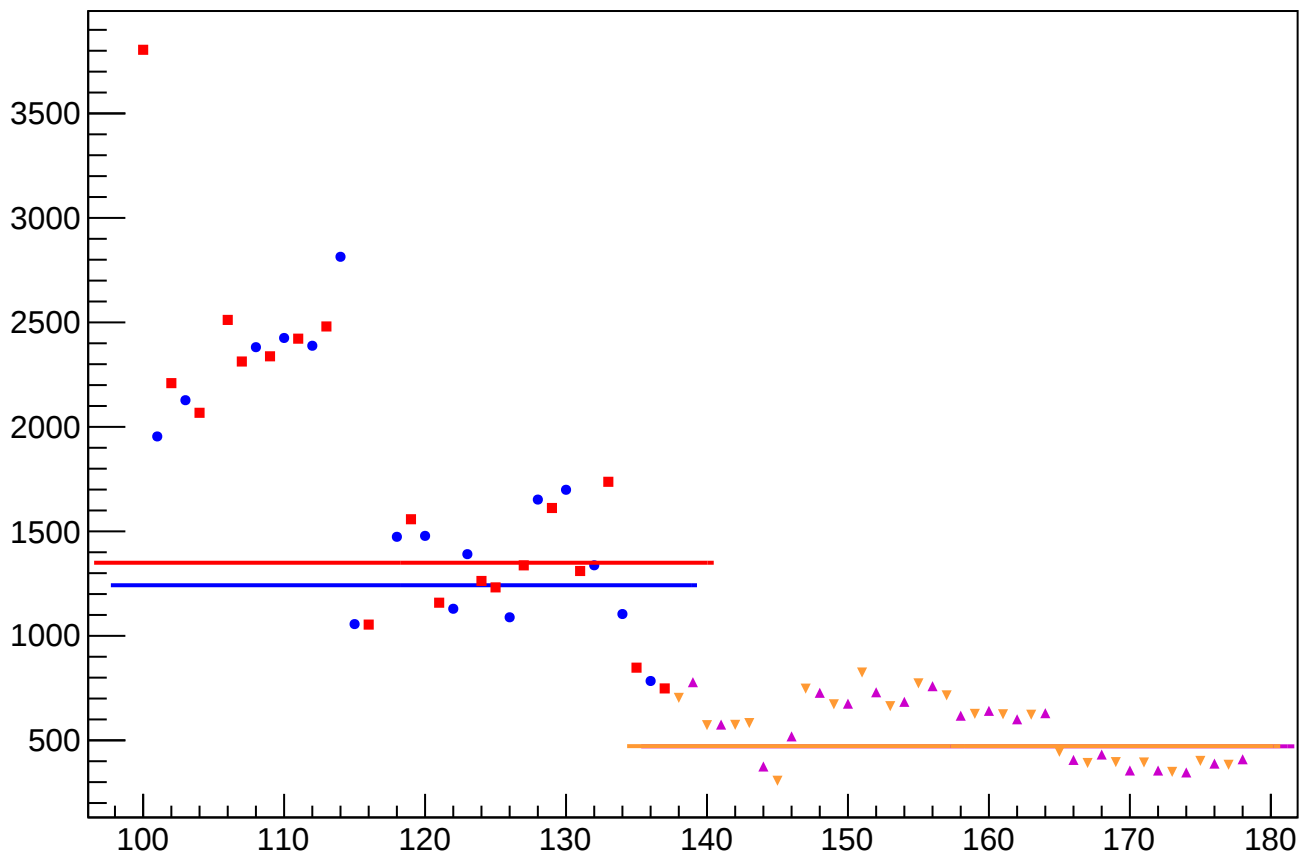
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: 7.916+/-120.736 χ^2/NDF : 50.7/36

Out: -364.513+/-120.793 χ^2/NDF : 61.6/39

All: -178.210+/-85.393 χ^2/NDF : 117.1/76

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 472.223+/-0.088 χ^2/NDF : 2719423.9/20

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 471.321+/-0.088 χ^2/NDF : 2412677.3/19

Left: 471.773+/-0.062 χ^2/NDF : 5132154.1/40

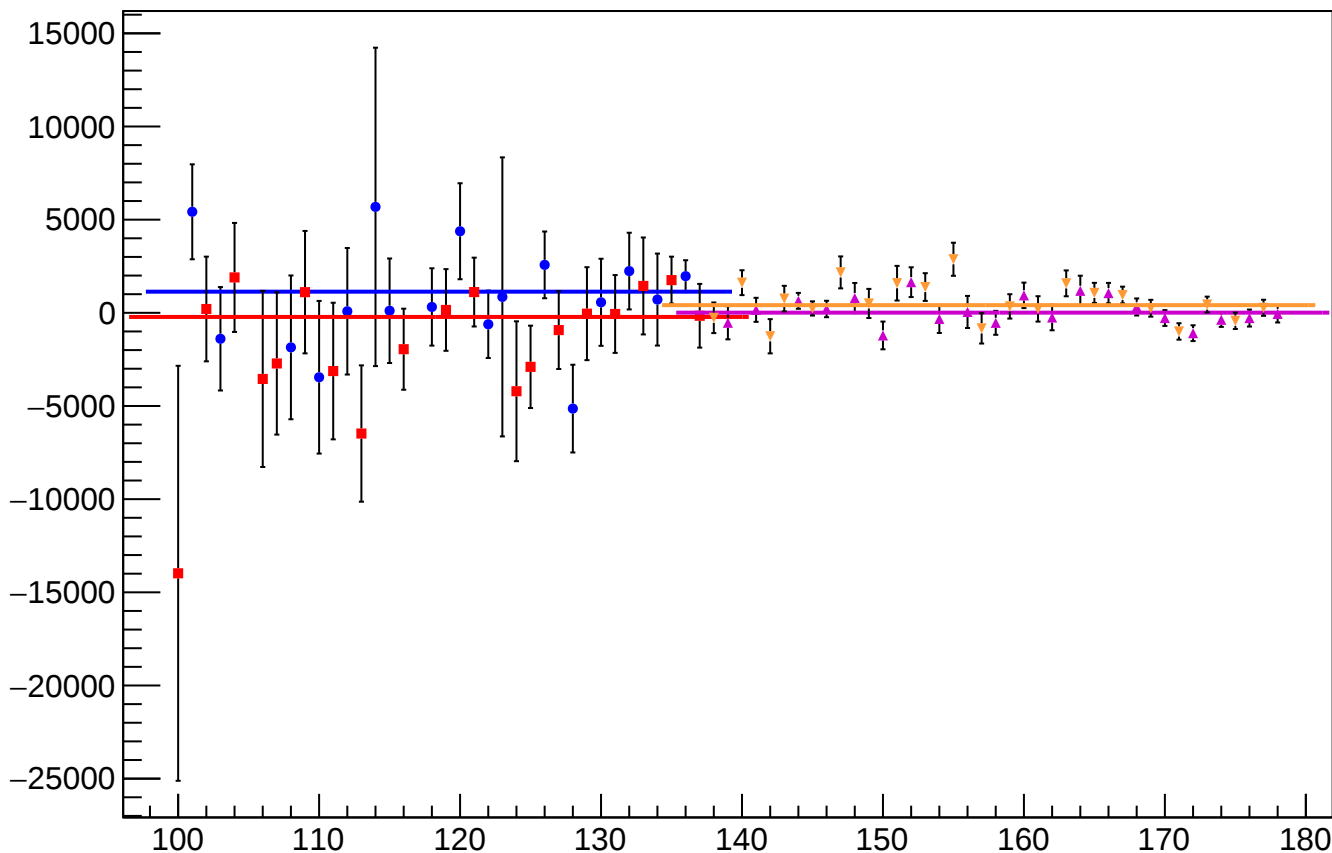
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 513.448+/-0.085 χ^2/NDF : 8392066.5/36

Out: 515.586+/-0.085 χ^2/NDF : 9546066.4/39

All: 514.516+/-0.060 χ^2/NDF : 17938446.3/76

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 411.737+/-125.192 χ^2/NDF : 45.3/20

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 9.360+/-122.966 χ^2/NDF : 28.4/19

Left: 206.939+/-87.727 χ^2/NDF : 79.0/40

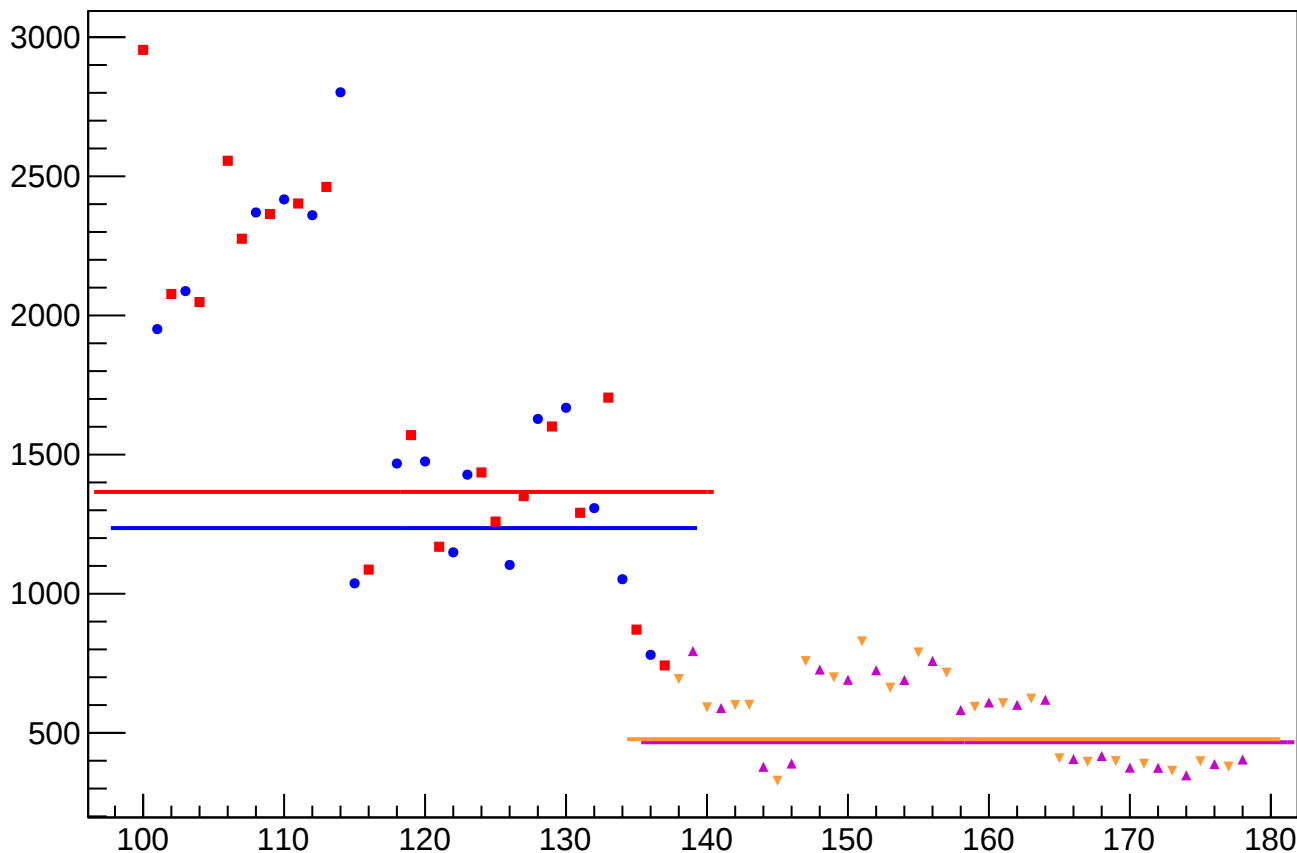
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 70.360+/-119.589 χ^2/NDF : 50.7/36

Out: 380.308+/-122.043 χ^2/NDF : 60.1/39

All: 222.186+/-85.416 χ^2/NDF : 114.1/76

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 477.334+/-0.089 χ^2/NDF : 2583493.6/20

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 466.336+/-0.087 χ^2/NDF : 2317501.1/19

Left: 471.736+/-0.062 χ^2/NDF : 4908850.2/40

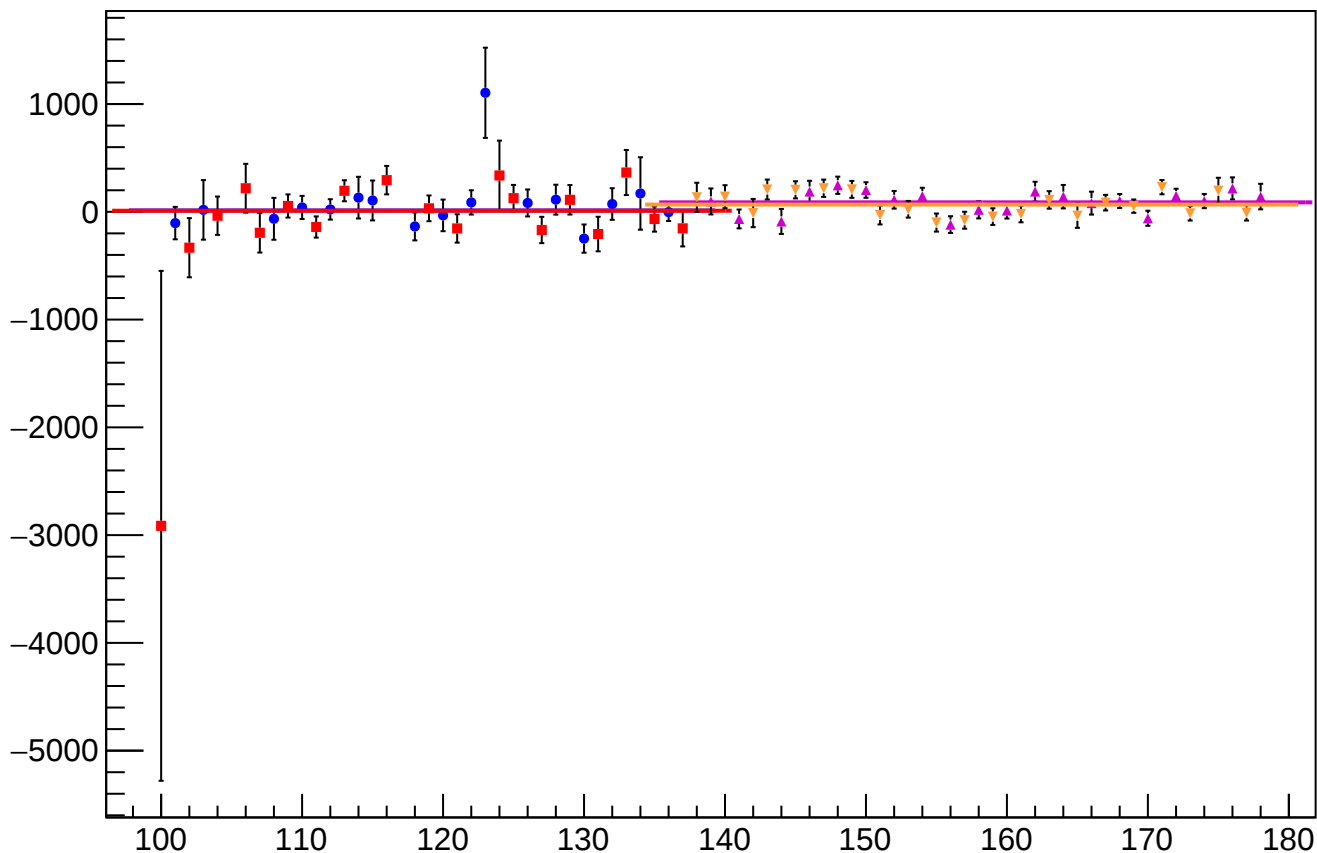
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 508.033+/-0.085 χ^2/NDF : 8307783.9/36

Out: 521.483+/-0.086 χ^2/NDF : 9339704.4/39

All: 514.622+/-0.060 χ^2/NDF : 17659879.7/76

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 67.235 $\pm$ 17.892 χ^2 /NDF:36.3/20

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 87.763 $\pm$ 18.589 χ^2 /NDF:30.9/19

Left: 77.107 $\pm$ 12.891 χ^2 /NDF: 67.8/40

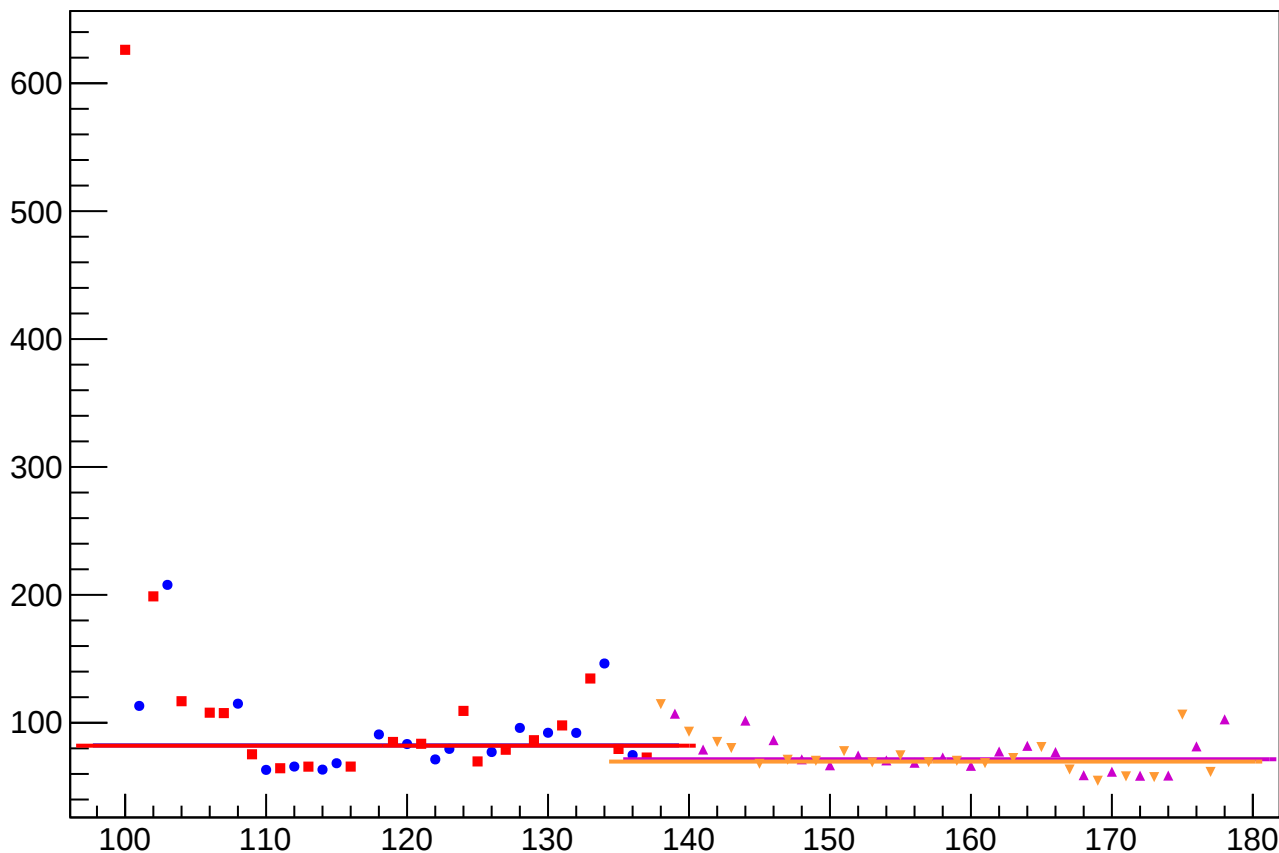
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 69.776 $\pm$ 16.223 χ^2 /NDF:50.1/36

Out: 53.996 $\pm$ 15.685 χ^2 /NDF:66.9/39

All: 61.620 $\pm$ 11.276 χ^2 /NDF: 117.5/76

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: 69.677 $\pm$ 0.013 χ^2 /NDF: 892448.3/20

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 71.483 $\pm$ 0.013 χ^2 /NDF: 845221.0/19

Left: 70.546 $\pm$ 0.009 χ^2 /NDF: 1747472.5/40

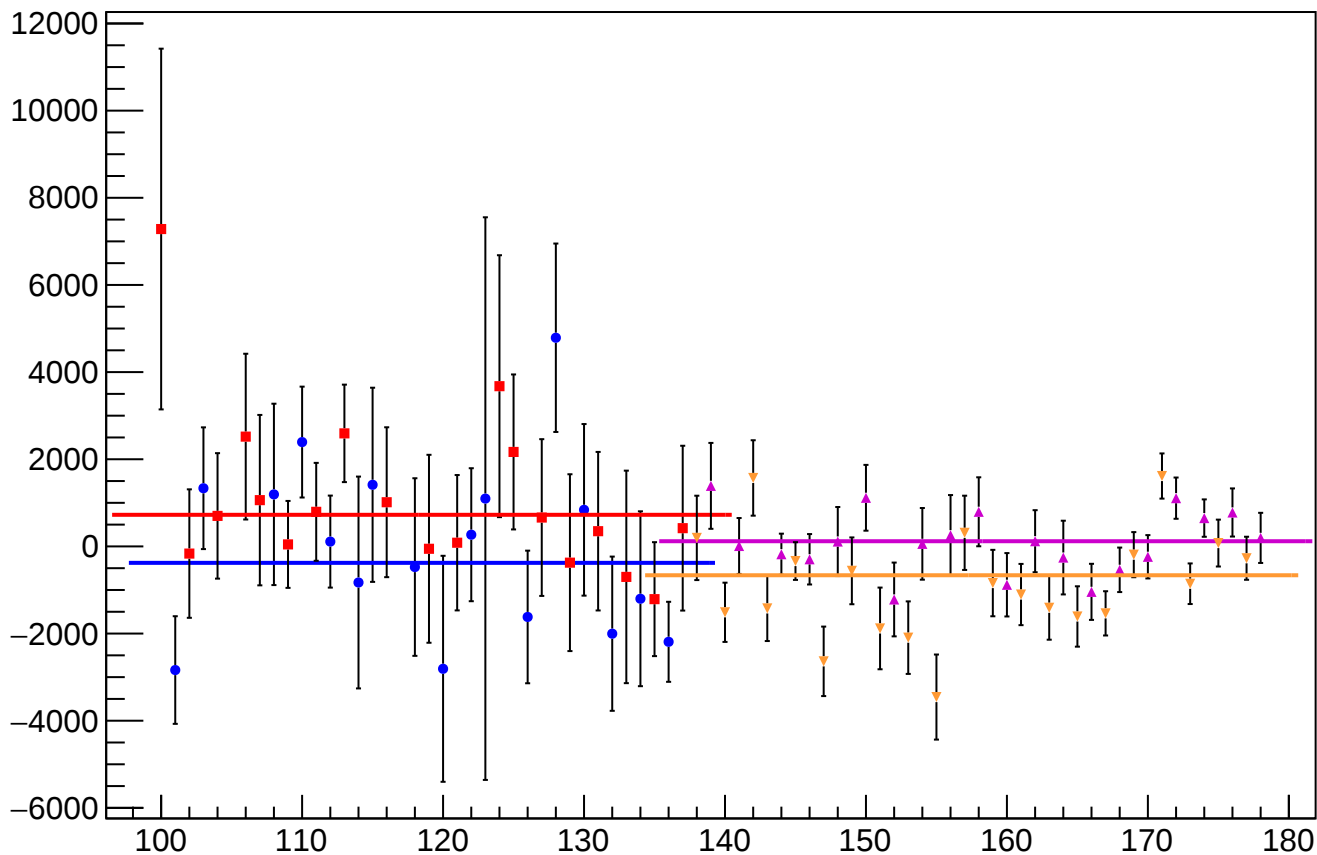
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 74.063 $\pm$ 0.011 χ^2 /NDF: 1875560.3/36

Out: 72.550 $\pm$ 0.011 χ^2 /NDF: 2074299.8/39

All: 73.281 $\pm$ 0.008 χ^2 /NDF: 3958850.1/76

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -662.047+/-139.807 χ^2/NDF : 60.1/20

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 118.903+/-139.080 χ^2/NDF : 22.4/19

Left: -269.536+/-98.601 χ^2/NDF : 98.2/40

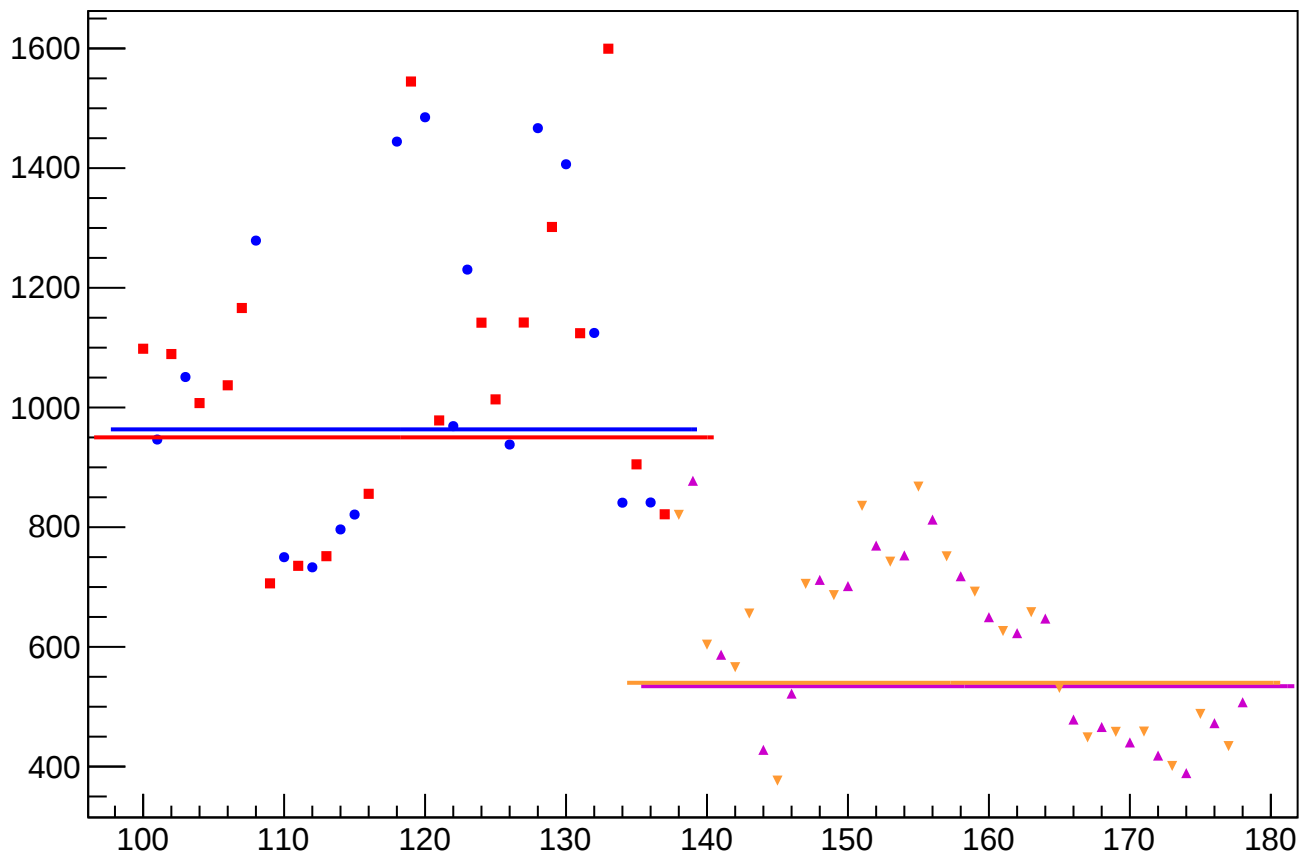
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: 61.328+/-130.763 χ^2/NDF : 48.4/36

Out: -486.384+/-130.656 χ^2/NDF : 84.4/39

All: -212.752+/-92.426 χ^2/NDF : 141.6/76

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 539.996 $\pm$ 0.099 χ^2 /NDF:1960392.2/20

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

Left In: 534.305 $\pm$ 0.098 χ^2 /NDF:1760648.7/19

Left: 537.136 $\pm$ 0.070 χ^2 /NDF: 3722707.0/40

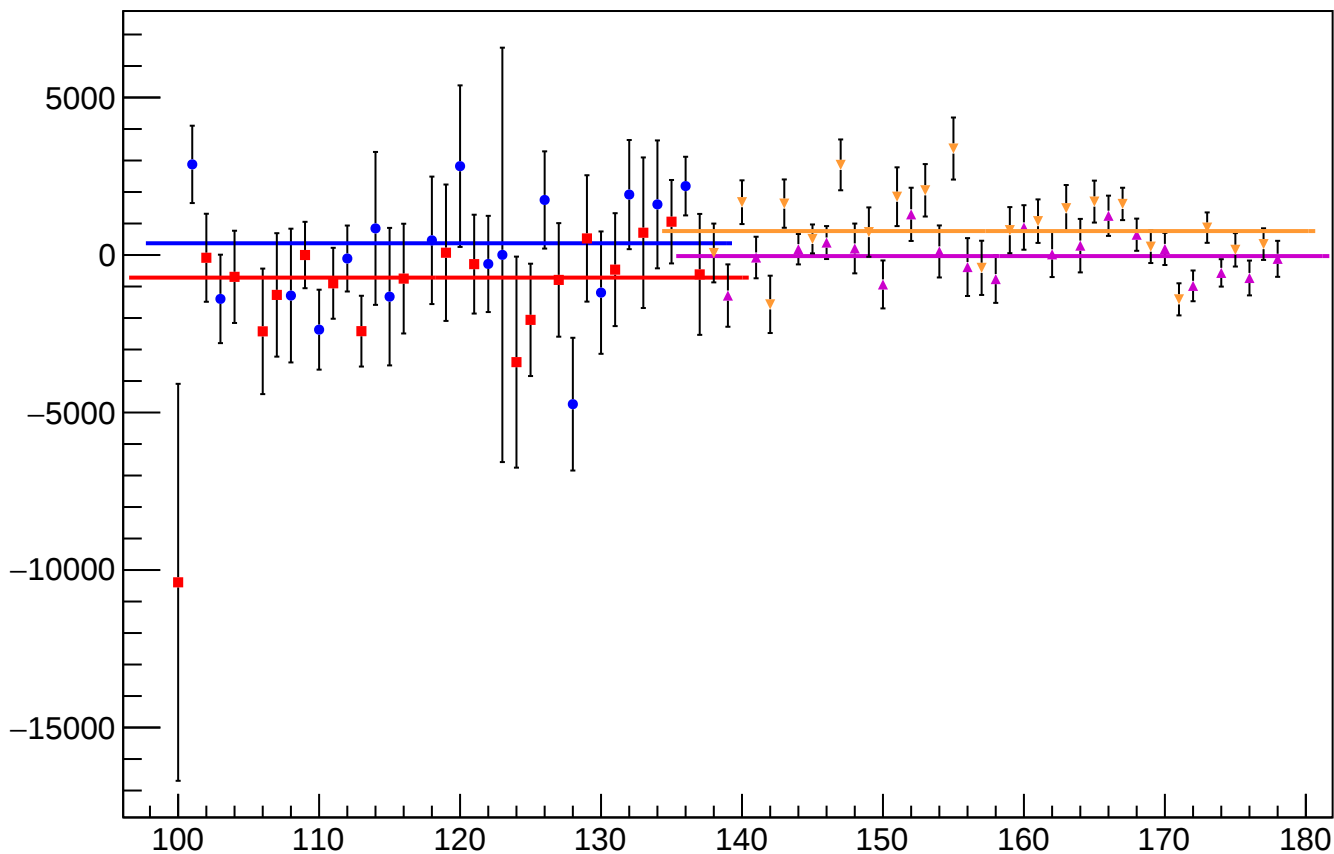
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 584.097 $\pm$ 0.092 χ^2 /NDF:4658994.9/36

Out: 591.929 $\pm$ 0.092 χ^2 /NDF:4871706.0/39

All: 588.017 $\pm$ 0.065 χ^2 /NDF: 9534290.9/76

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 ± 383.661 $\chi^2/\text{NDF}: 25.3/16$

Left Out: 759.764 ± 141.092 $\chi^2/\text{NDF}: 56.9/20$

Right Out: -717.404 ± 371.769 $\chi^2/\text{NDF}: 10.1/18$

Left In: -34.043 ± 139.154 $\chi^2/\text{NDF}: 22.2/19$

Left: 357.370 ± 99.075 $\chi^2/\text{NDF}: 95.1/40$

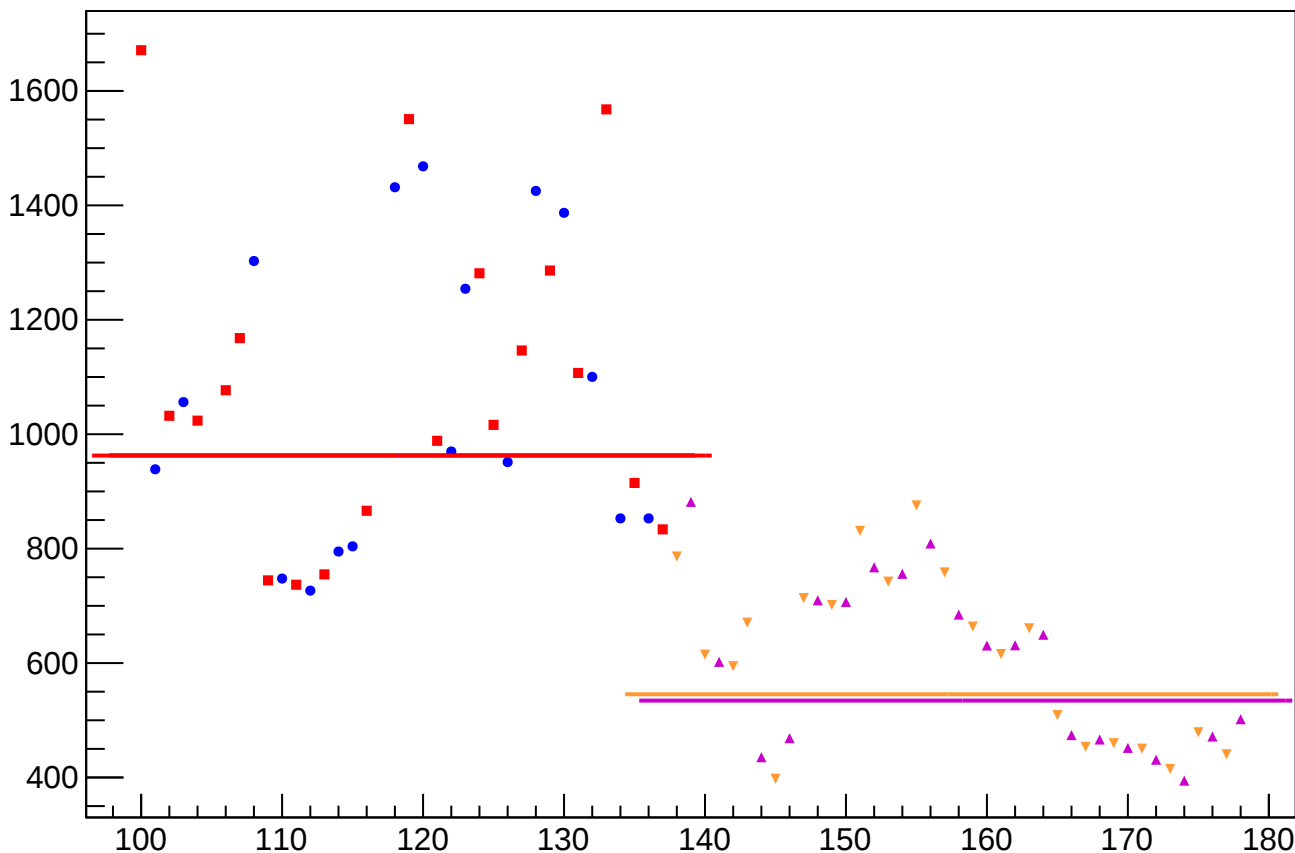
Right: -189.414 ± 266.986 $\chi^2/\text{NDF}: 39.6/35$

In: 13.267 ± 130.815 $\chi^2/\text{NDF}: 48.5/36$

Out: 573.790 ± 131.912 $\chi^2/\text{NDF}: 80.8/39$

All: 291.188 ± 92.886 $\chi^2/\text{NDF}: 138.4/76$

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 545.461+/-0.100 χ^2/NDF : 1812213.3/20

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 534.404+/-0.098 χ^2/NDF : 1681980.2/19

Left: 539.856+/-0.070 χ^2/NDF : 3500418.7/40

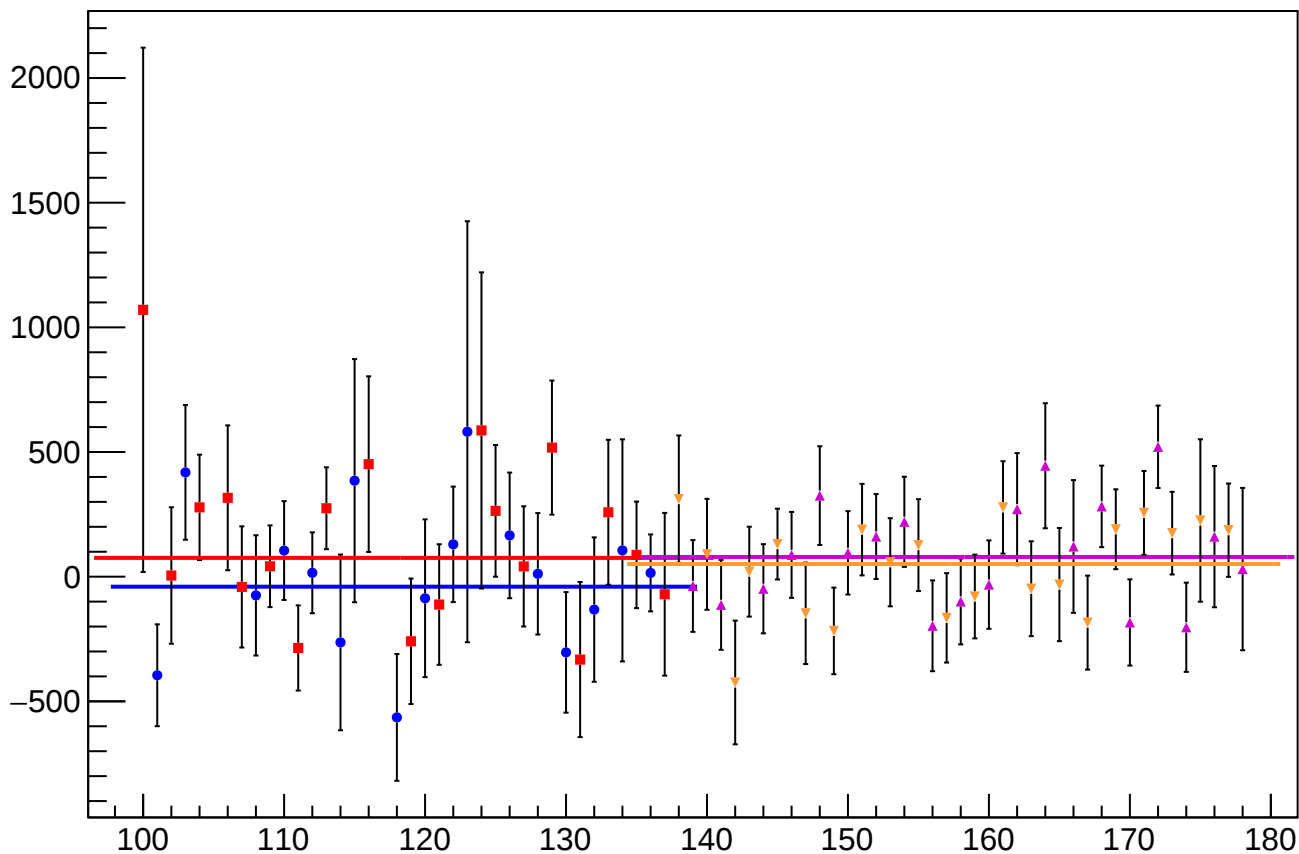
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 584.228+/-0.093 χ^2/NDF : 4554940.5/36

Out: 597.990+/-0.093 χ^2/NDF : 4710517.0/39

All: 591.052+/-0.066 χ^2/NDF : 9276431.3/76

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 50.823 ± 40.821 χ^2/NDF : 18.3/20

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: 79.091 ± 42.351 χ^2/NDF : 24.7/19

Left: 64.437 ± 29.391 χ^2/NDF : 43.2/40

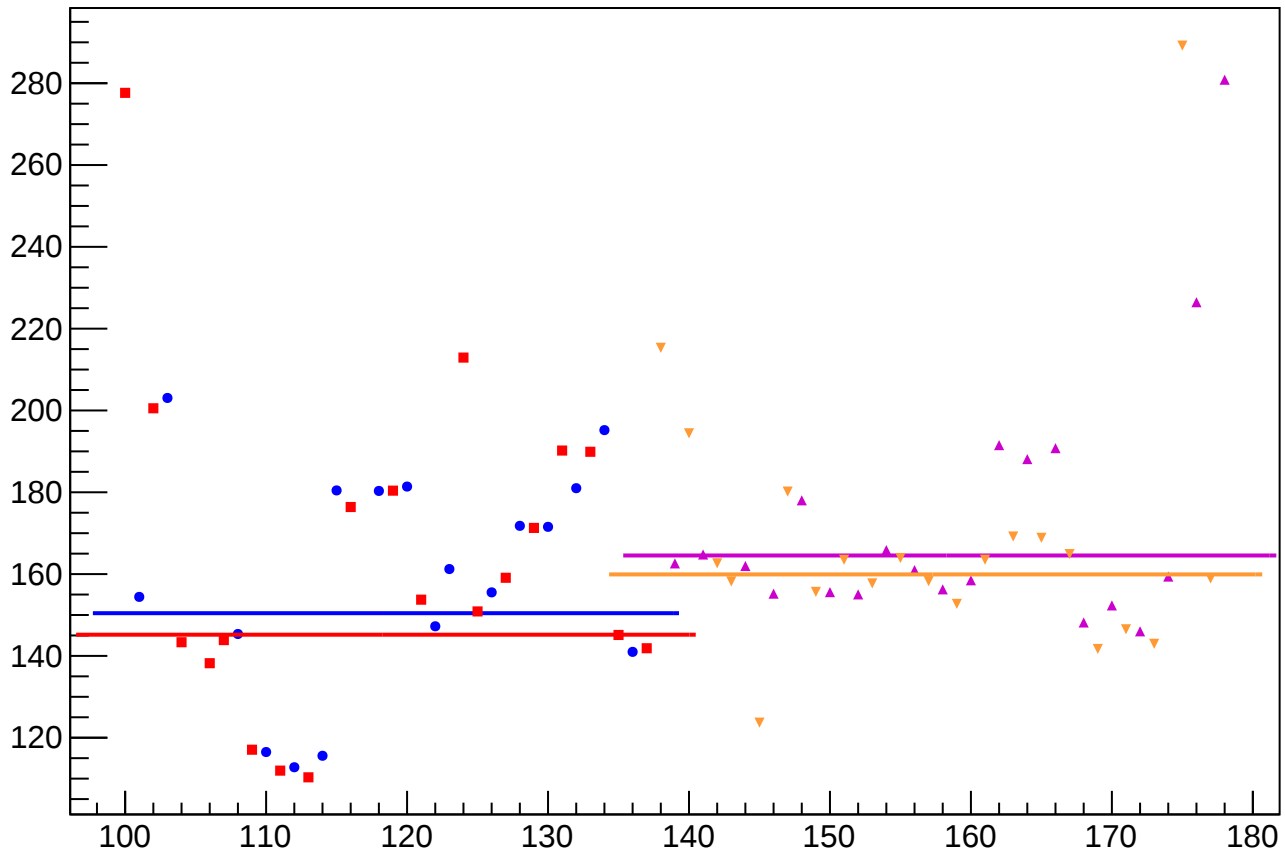
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: 38.784 ± 34.456 χ^2/NDF : 42.7/36

Out: 59.325 ± 33.034 χ^2/NDF : 36.9/39

All: 49.487 ± 23.845 χ^2/NDF : 79.7/76

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: 159.923 $\pm$ 0.029 χ^2 /NDF: 684490.4/20

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 164.550 $\pm$ 0.030 χ^2 /NDF: 509141.5/19

Left: 162.151 $\pm$ 0.021 χ^2 /NDF: 1206009.0/40

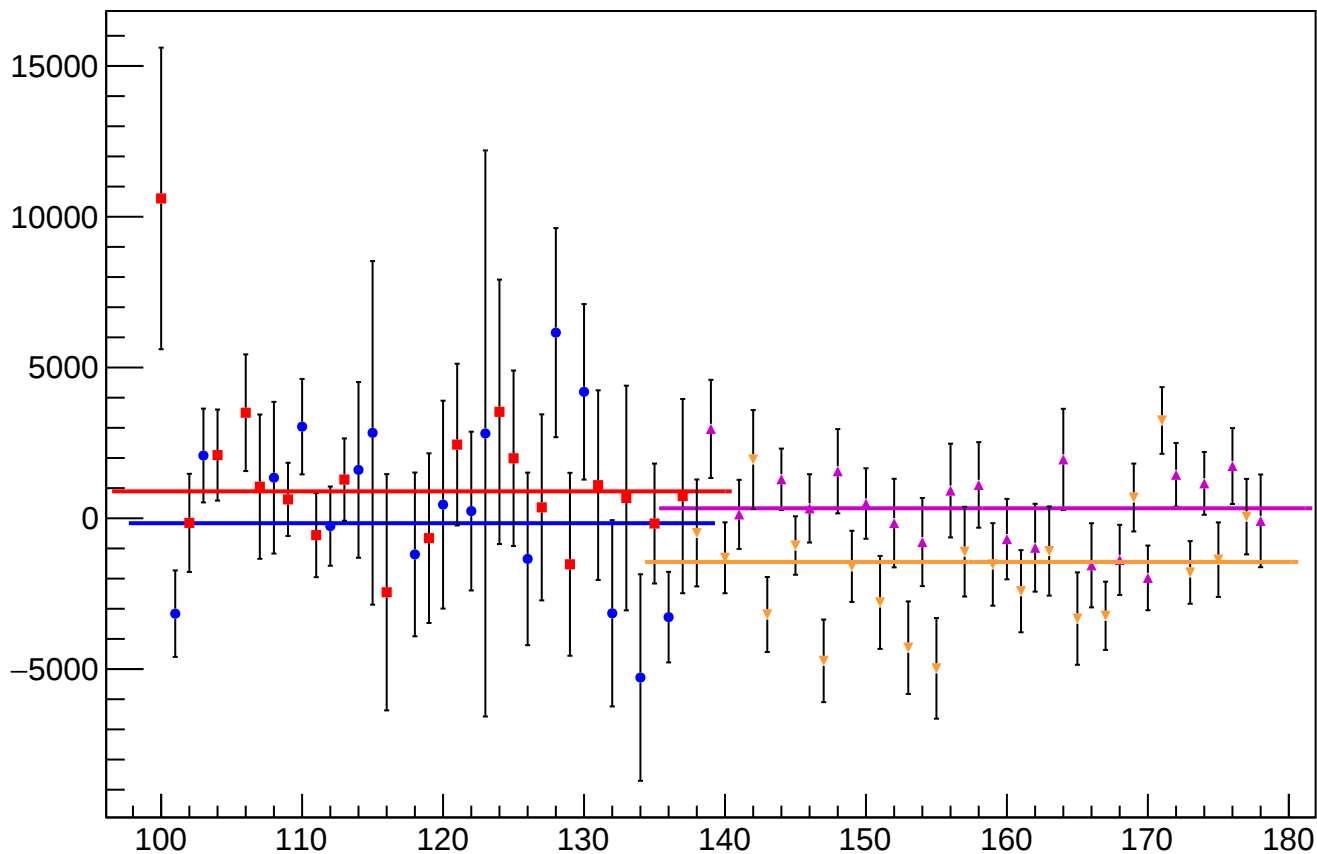
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 159.780 $\pm$ 0.024 χ^2 /NDF: 984305.3/36

Out: 154.837 $\pm$ 0.023 χ^2 /NDF: 1310128.9/39

All: 157.205 $\pm$ 0.017 χ^2 /NDF: 2315877.3/76

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -1447.858 ± 281.765 $\chi^2/\text{NDF}: 49.1/20$

Right Out: 893.137 ± 484.322 $\chi^2/\text{NDF}: 10.7/18$

Left In: 331.469 ± 284.498 $\chi^2/\text{NDF}: 19.5/19$

Left: -566.781 ± 200.197 $\chi^2/\text{NDF}: 88.3/40$

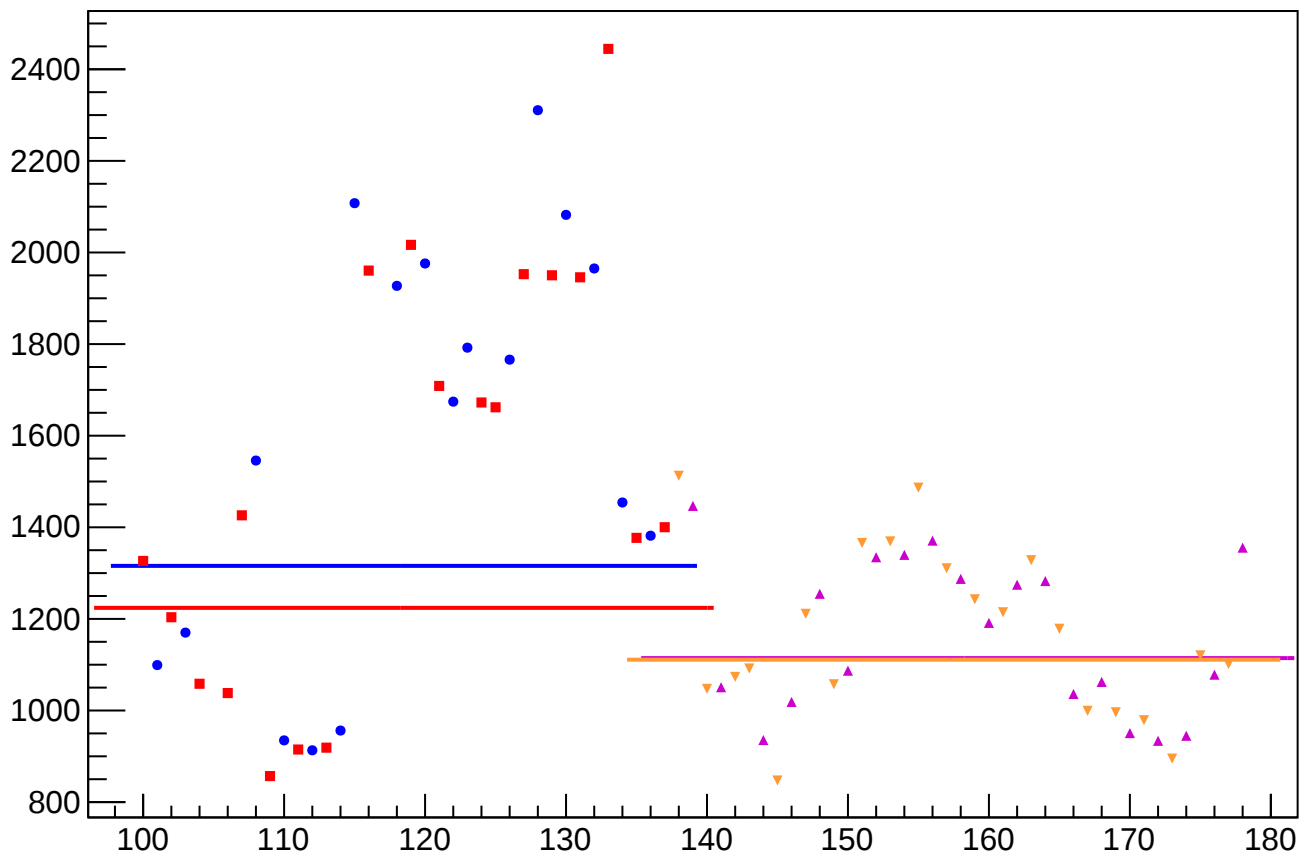
Right: 415.737 ± 358.494 $\chi^2/\text{NDF}: 37.9/35$

In: 221.924 ± 250.999 $\chi^2/\text{NDF}: 45.2/36$

Out: -855.885 ± 243.548 $\chi^2/\text{NDF}: 77.2/39$

All: -333.217 ± 174.789 $\chi^2/\text{NDF}: 131.9/76$

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: 1110.957 $\pm$ 0.199 χ^2 /NDF: 754272.1/20

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1114.413 $\pm$ 0.201 χ^2 /NDF: 633990.5/19

Left: 1112.668 $\pm$ 0.142 χ^2 /NDF: 1388411.6/40

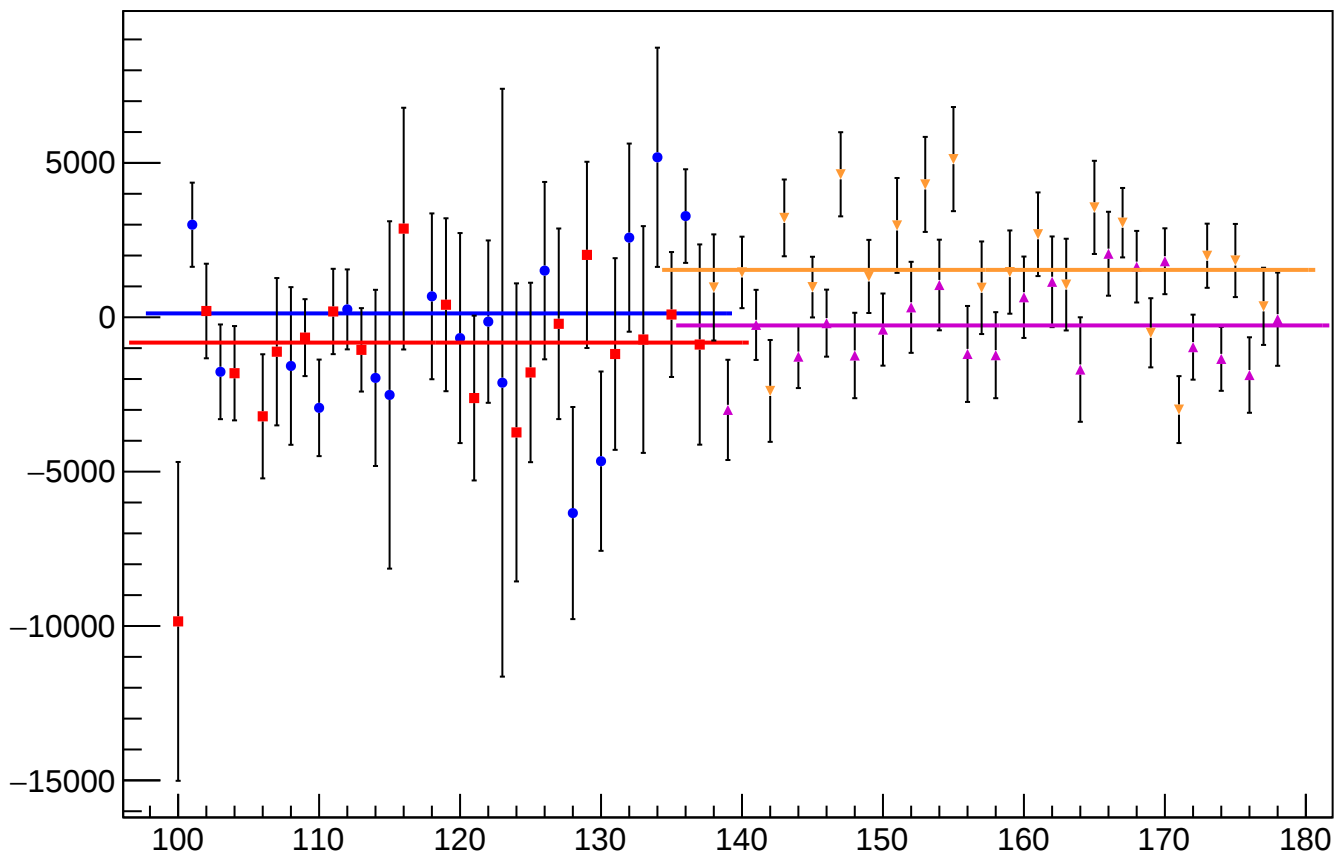
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1159.043 $\pm$ 0.177 χ^2 /NDF: 1974406.8/36

Out: 1139.580 $\pm$ 0.172 χ^2 /NDF: 2199793.3/39

All: 1149.018 $\pm$ 0.124 χ^2 /NDF: 4180393.8/76

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1534.912 $\pm$ 280.262 χ^2 /NDF:48.3/20

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -264.182 $\pm$ 282.021 χ^2 /NDF:20.9/19

Left: 640.993 $\pm$ 198.794 χ^2 /NDF: 89.7/40

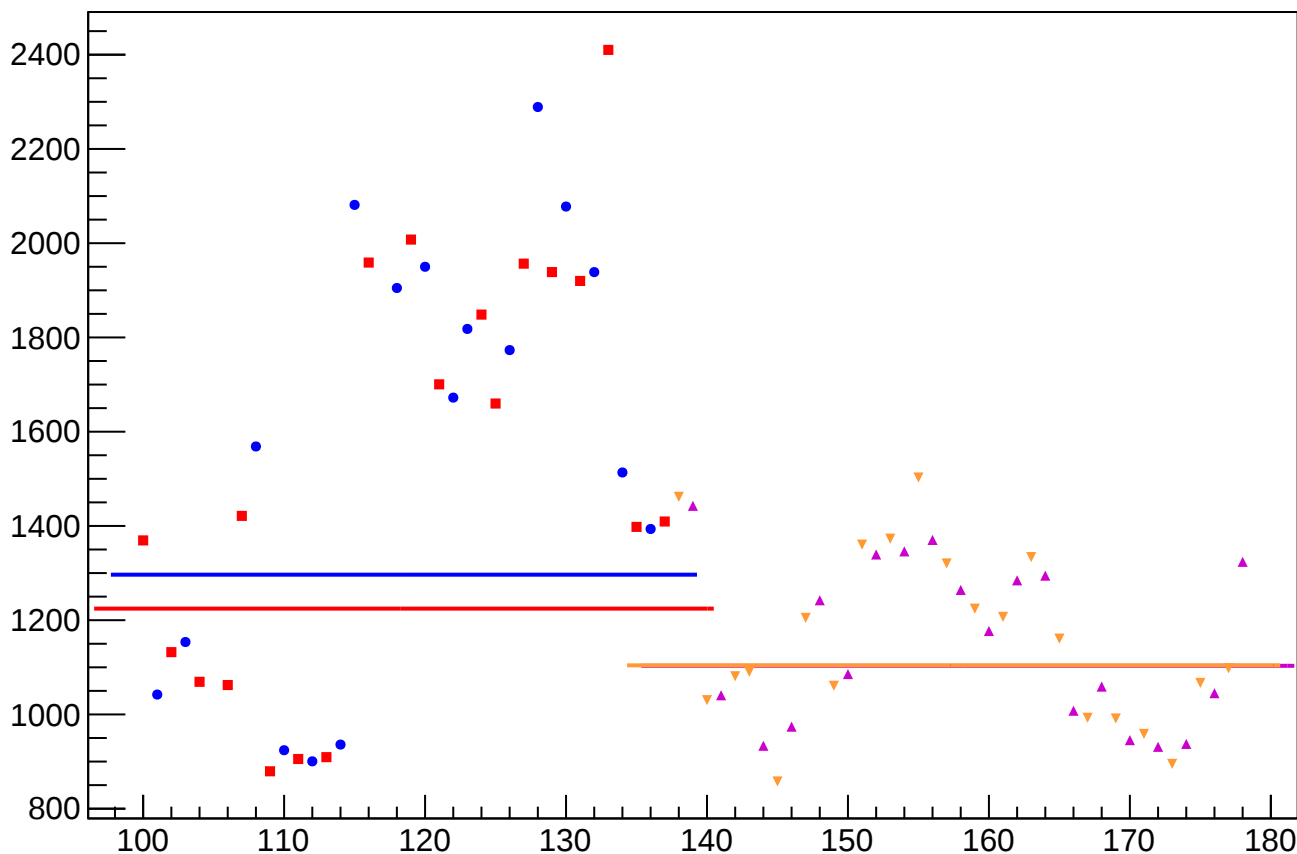
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -177.406 $\pm$ 248.634 χ^2 /NDF:46.0/36

Out: 944.730 $\pm$ 242.618 χ^2 /NDF:75.1/39

All: 397.402 $\pm$ 173.645 χ^2 /NDF: 131.5/76

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1104.211 $\pm$ 0.198 χ^2 /NDF: 741431.0/20

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1103.203 $\pm$ 0.199 χ^2 /NDF: 660601.3/19

Left: 1103.710 $\pm$ 0.141 χ^2 /NDF: 1402045.2/40

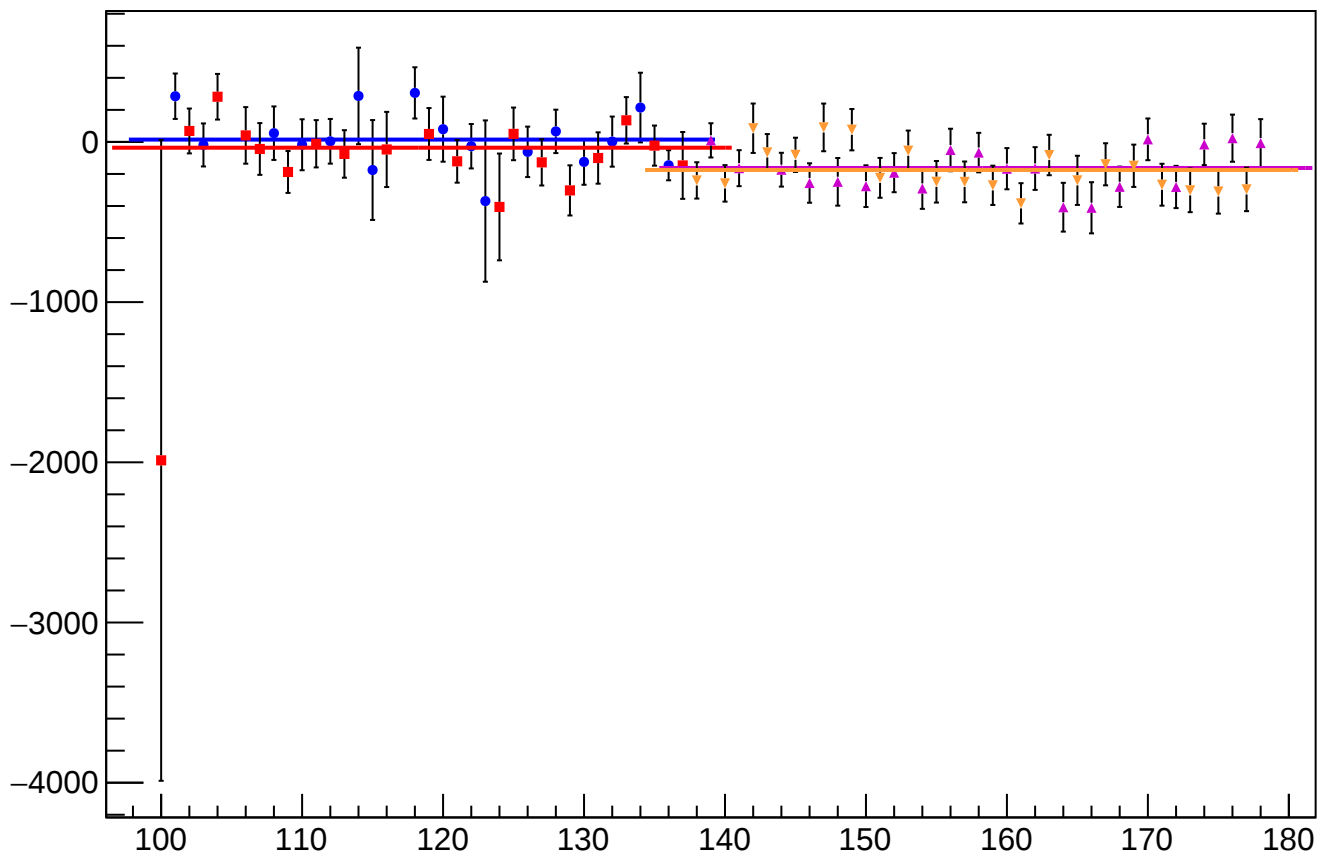
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1146.277 $\pm$ 0.176 χ^2 /NDF: 2045514.1/36

Out: 1134.370 $\pm$ 0.172 χ^2 /NDF: 2182125.8/39

All: 1140.178 $\pm$ 0.123 χ^2 /NDF: 4229989.6/76

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: -175.090 ± 27.910 $\chi^2/\text{NDF}: 21.4/20$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -162.676 ± 28.781 $\chi^2/\text{NDF}: 19.2/19$

Left: -169.074 ± 20.036 $\chi^2/\text{NDF}: 40.8/40$

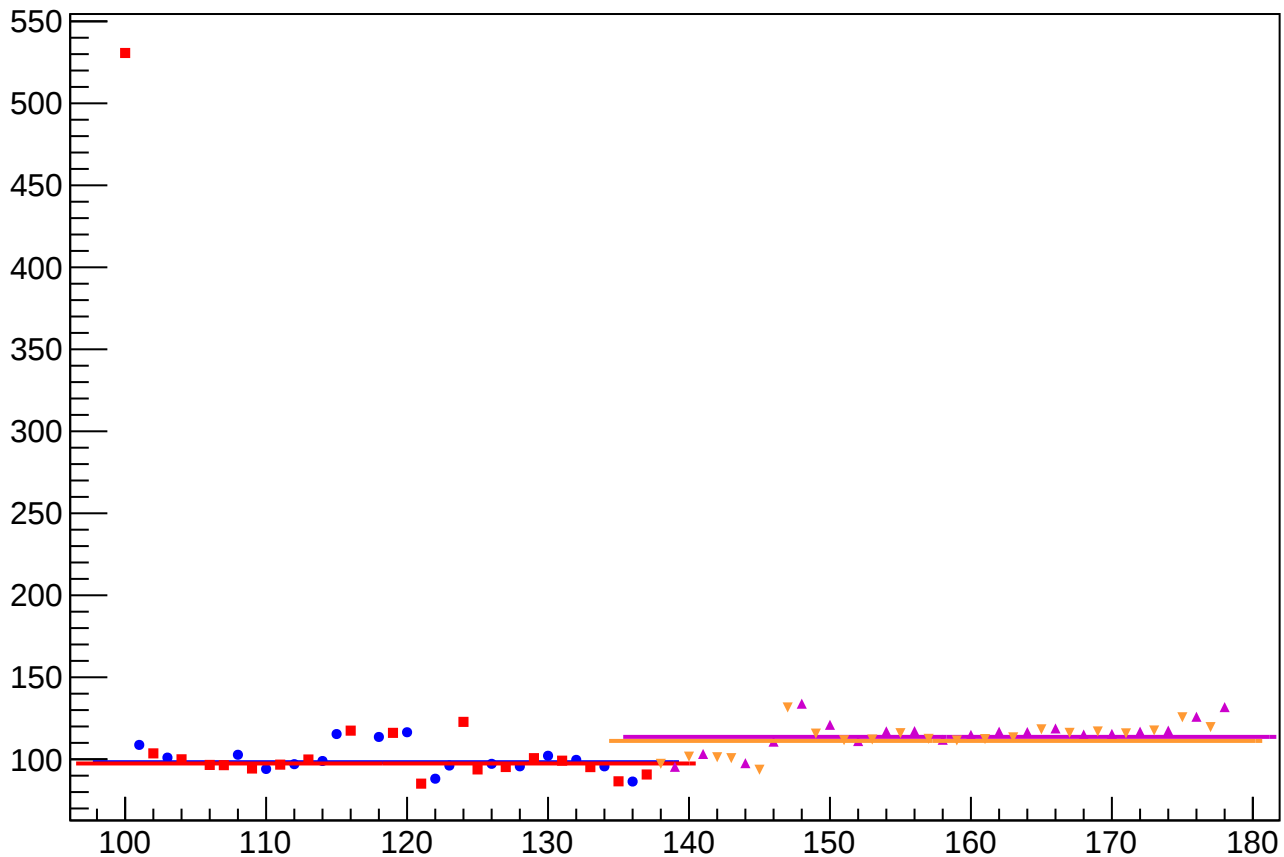
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -98.098 ± 22.947 $\chi^2/\text{NDF}: 47.2/36$

Out: -124.211 ± 22.220 $\chi^2/\text{NDF}: 46.0/39$

All: -111.574 ± 15.963 $\chi^2/\text{NDF}: 93.9/76$

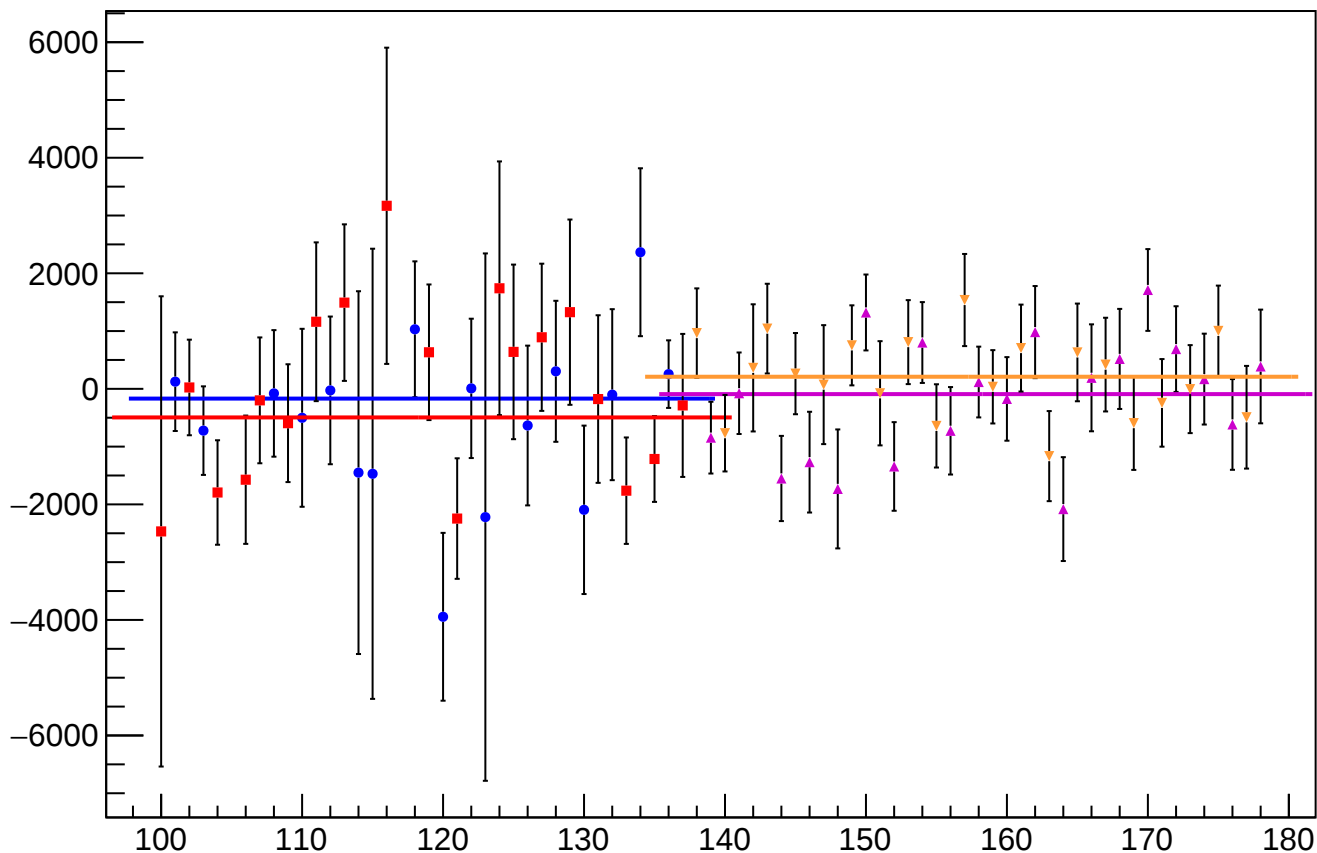
dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2/NDF : 100510.4/16
 Left Out: 111.197 $\pm$ 0.020 χ^2/NDF : 214599.5/20
 Right Out: 97.436 $\pm$ 0.026 χ^2/NDF : 190066.6/18
 Left In: 113.658 $\pm$ 0.020 χ^2/NDF : 221363.8/19

Left: 112.389 $\pm$ 0.014 χ^2/NDF : 443498.7/40
 Right: 97.814 $\pm$ 0.019 χ^2/NDF : 291015.4/35
 In: 108.033 $\pm$ 0.016 χ^2/NDF : 531543.1/36
 Out: 106.158 $\pm$ 0.016 χ^2/NDF : 582669.3/39
 All: 107.066 $\pm$ 0.011 χ^2/NDF : 1121100.9/76

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: 209.376 ± 169.512 $\chi^2/\text{NDF}: 16.9/20$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -91.279 ± 170.302 $\chi^2/\text{NDF}: 35.2/19$

Left: 59.747 ± 120.141 $\chi^2/\text{NDF}: 53.7/40$

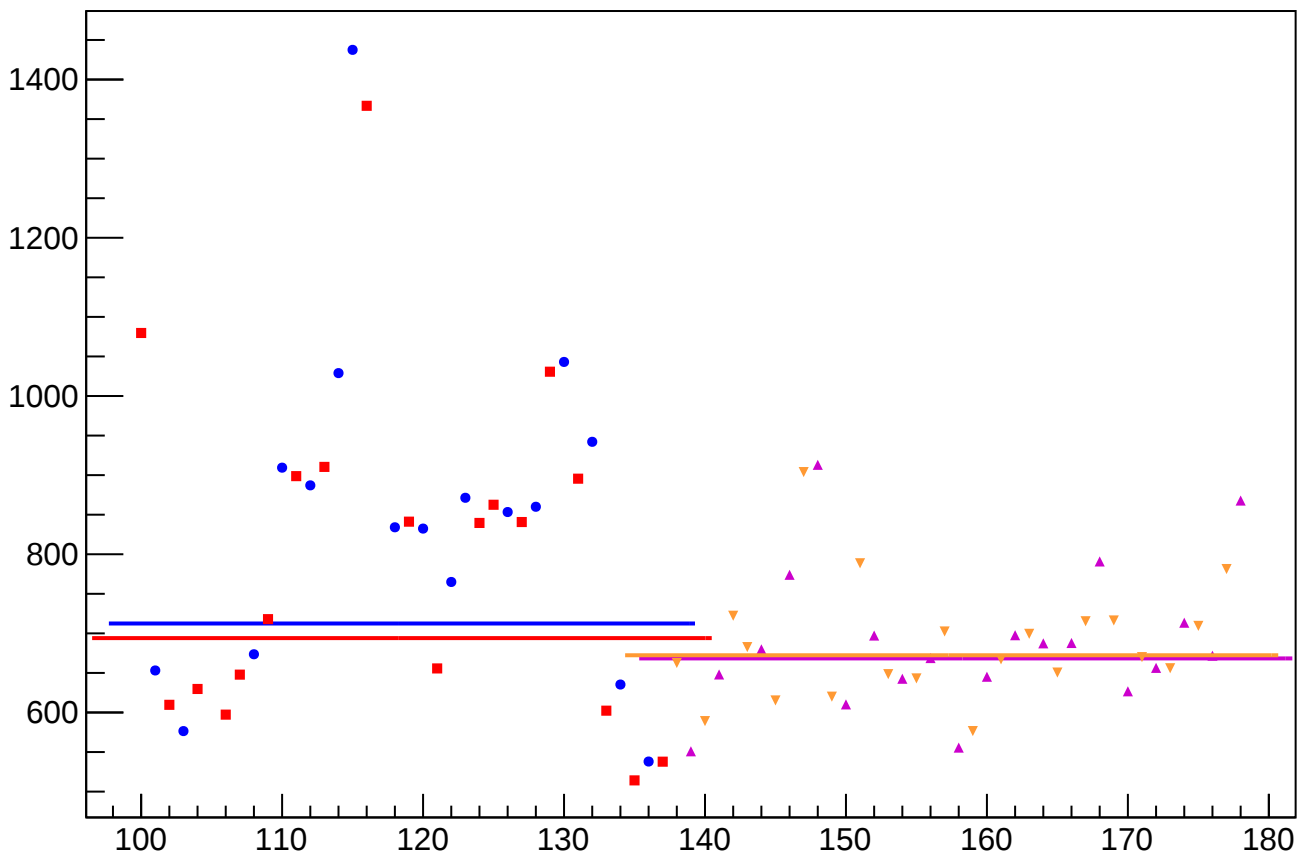
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -111.977 ± 145.805 $\chi^2/\text{NDF}: 49.8/36$

Out: 7.528 ± 143.173 $\chi^2/\text{NDF}: 41.7/39$

All: -51.136 ± 102.157 $\chi^2/\text{NDF}: 91.9/76$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 672.332 $\pm$ 0.120 χ^2 /NDF: 300098.6/20

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

Left In: 668.339 $\pm$ 0.120 χ^2 /NDF: 447723.6/19

Left: 670.345 $\pm$ 0.085 χ^2 /NDF: 748374.5/40

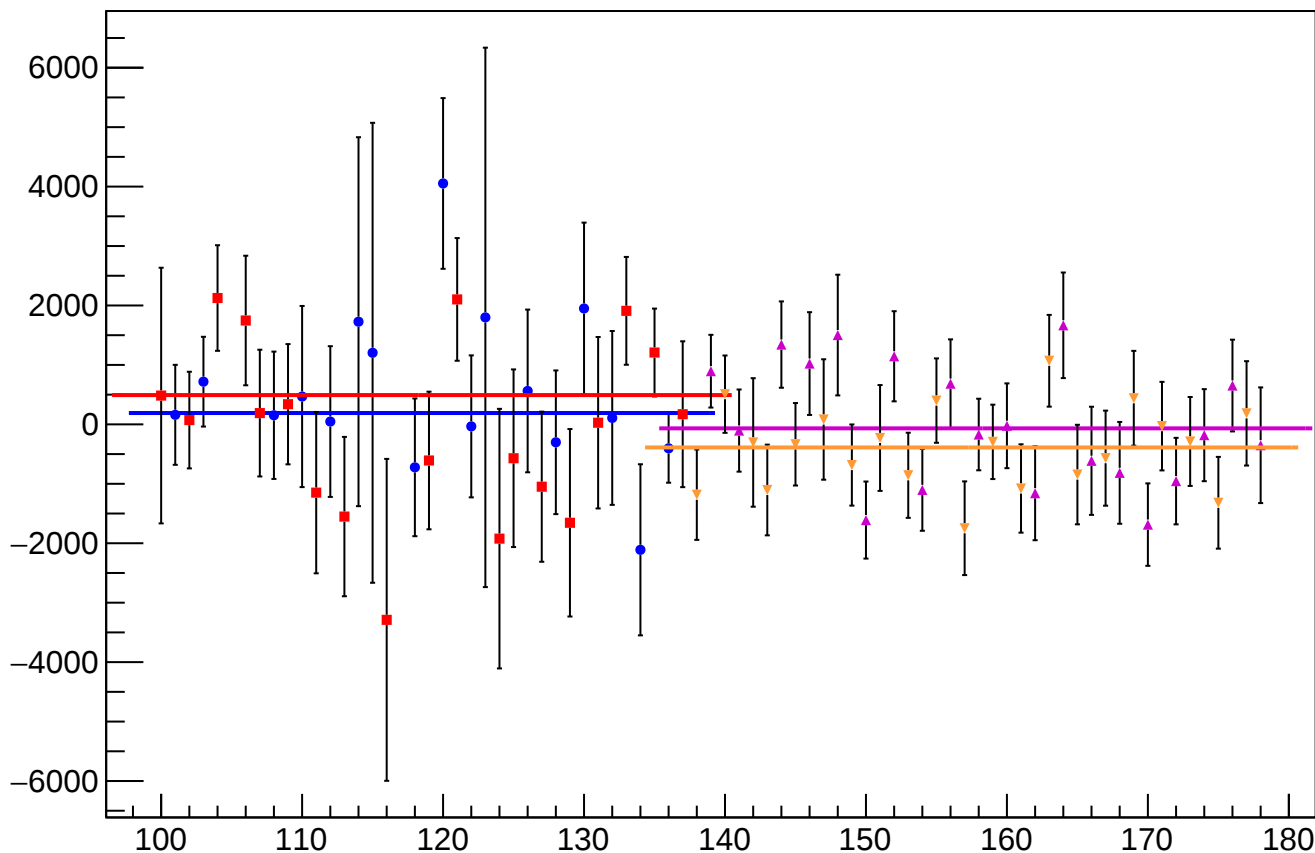
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 680.123 $\pm$ 0.103 χ^2 /NDF: 1144110.9/36

Out: 678.546 $\pm$ 0.101 χ^2 /NDF: 984466.9/39

All: 679.321 $\pm$ 0.072 χ^2 /NDF: 2128696.9/76

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -388.408 $\pm$ 167.022 χ^2 /NDF:17.0/20

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: -67.234 $\pm$ 167.749 χ^2 /NDF:36.5/19

Left: -228.518 $\pm$ 118.359 χ^2 /NDF: 55.3/40

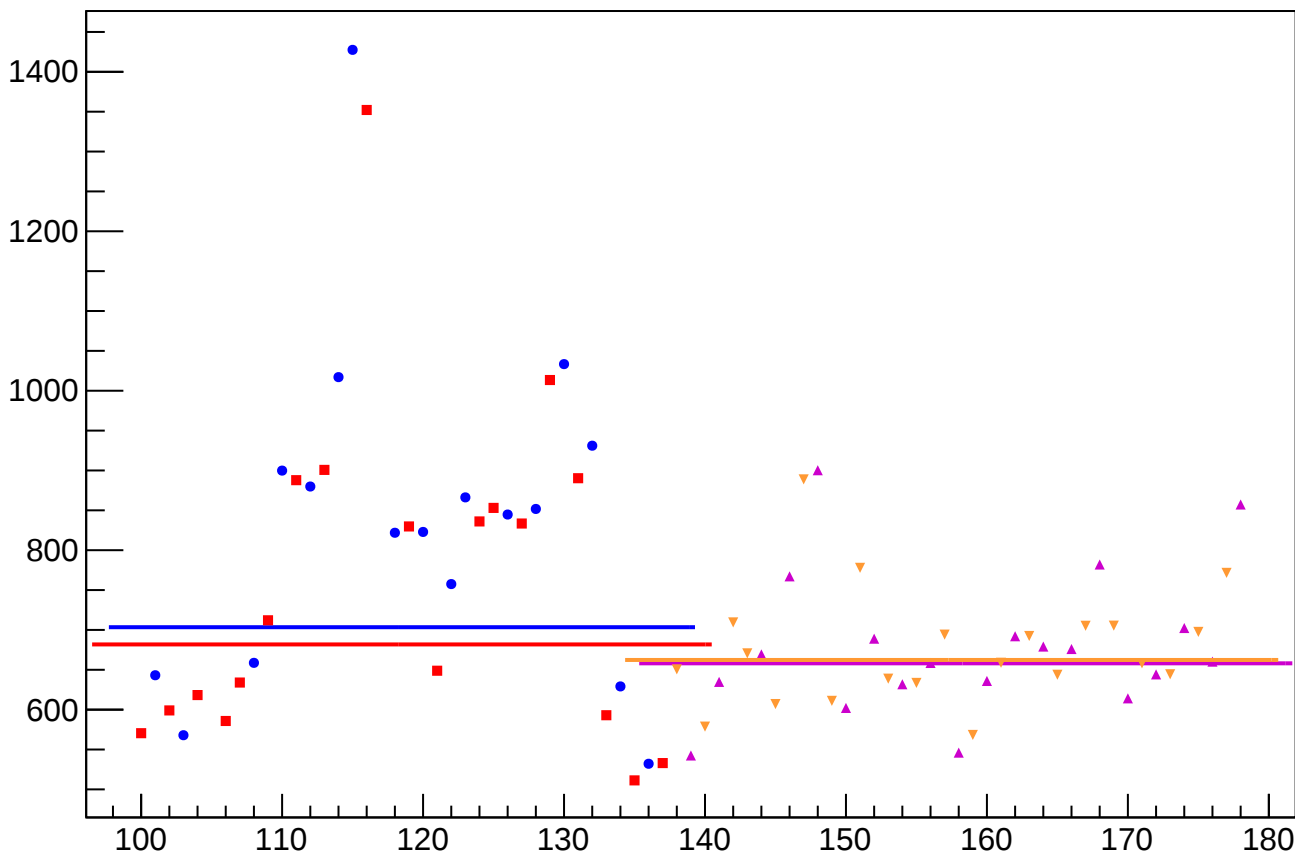
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 1.418 $\pm$ 143.719 χ^2 /NDF:51.3/36

Out: -134.708 $\pm$ 140.939 χ^2 /NDF:47.8/39

All: -67.974 $\pm$ 100.627 χ^2 /NDF: 99.6/76

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 662.322 $\pm$ 0.118 χ^2 /NDF:301106.9/20

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 658.108 $\pm$ 0.119 χ^2 /NDF:458701.2/19

Left: 660.224 $\pm$ 0.084 χ^2 /NDF: 760441.9/40

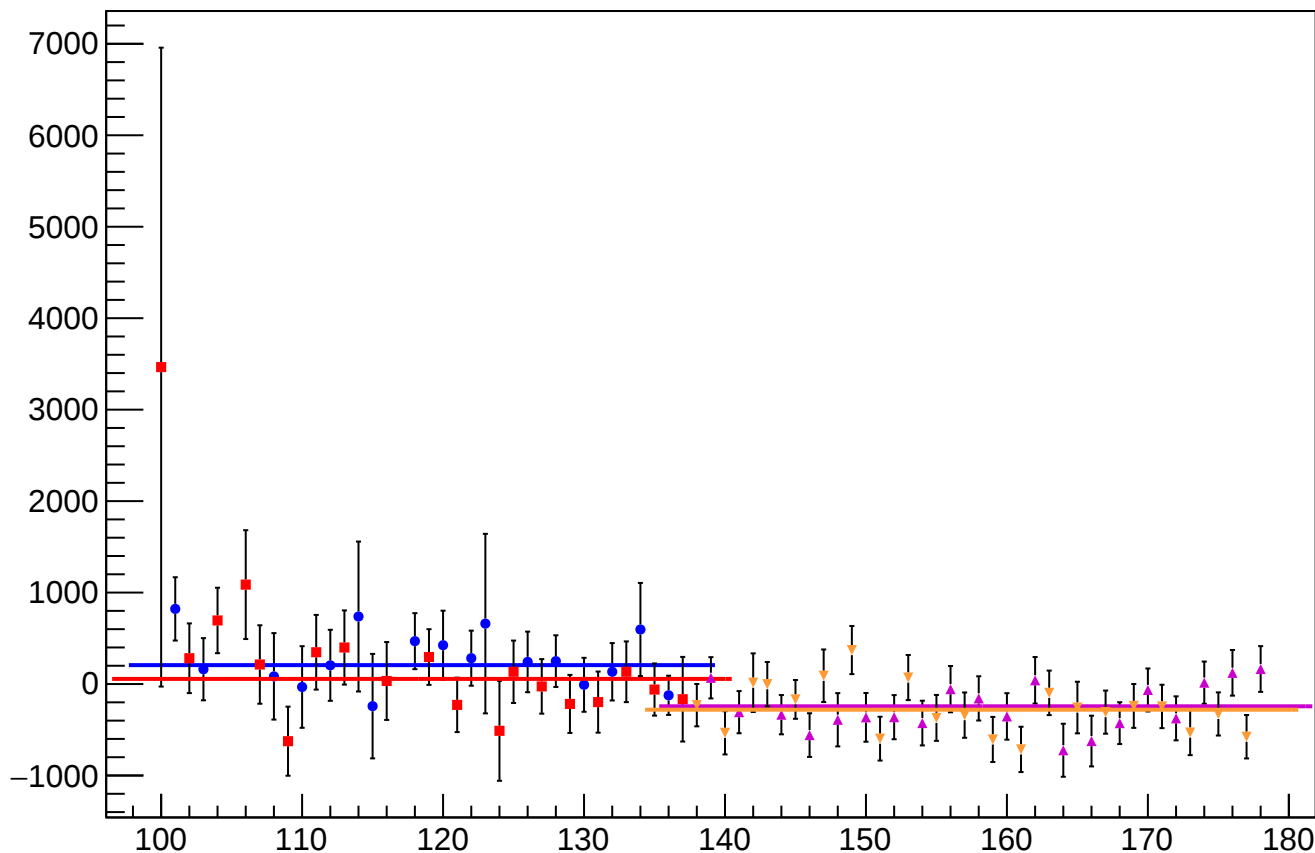
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 670.156 $\pm$ 0.102 χ^2 /NDF:1164377.6/36

Out: 667.932 $\pm$ 0.100 χ^2 /NDF:973742.6/39

All: 669.022 $\pm$ 0.071 χ^2 /NDF: 2138364.2/76

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected

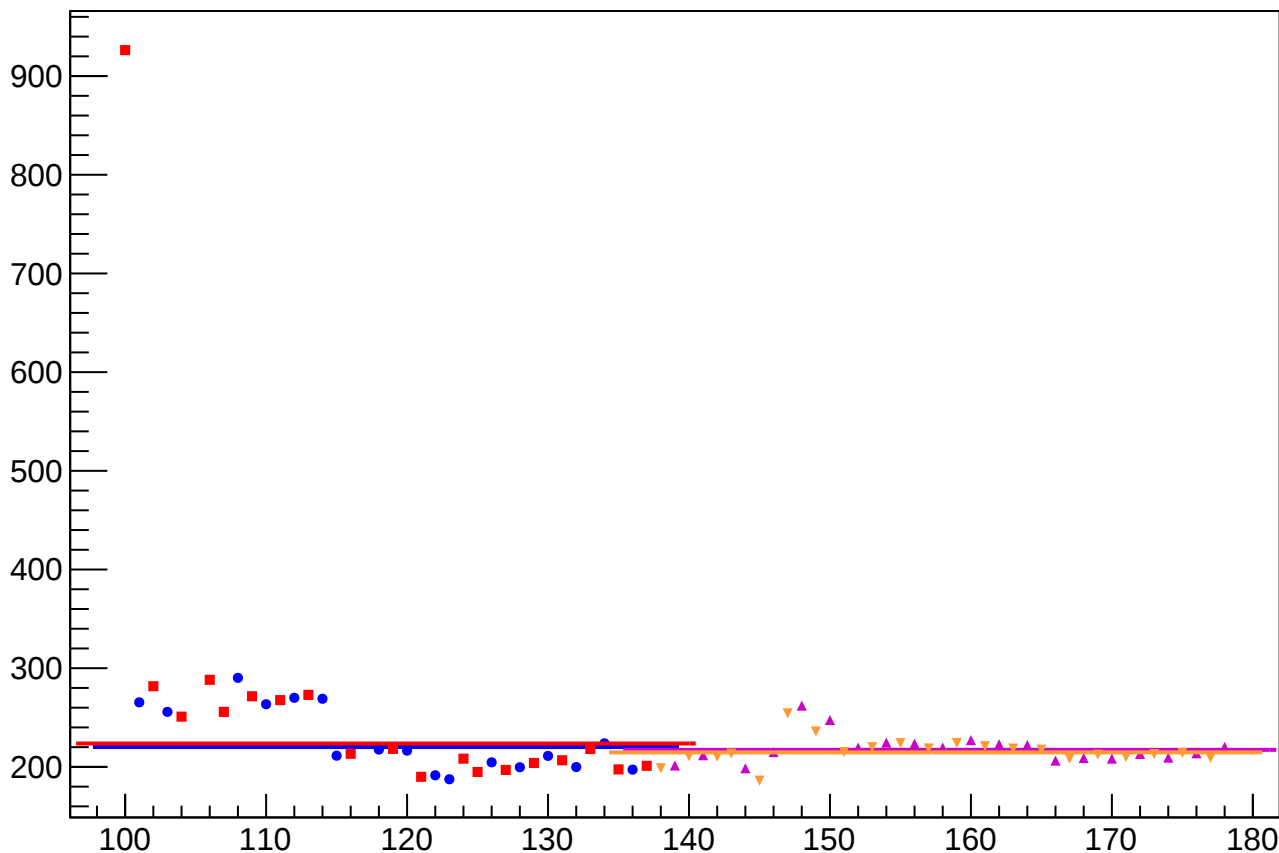


Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$
 Left Out: -280.624 ± 53.797 $\chi^2/\text{NDF}: 23.5/20$
 Right Out: 56.213 ± 85.167 $\chi^2/\text{NDF}: 16.6/18$
 Left In: -243.370 ± 54.928 $\chi^2/\text{NDF}: 19.5/19$

Left: -262.385 ± 38.434 $\chi^2/\text{NDF}: 43.2/40$
 Right: 131.133 ± 60.386 $\chi^2/\text{NDF}: 27.7/35$
 In: -112.121 ± 46.234 $\chi^2/\text{NDF}: 48.6/36$
 Out: -184.556 ± 45.483 $\chi^2/\text{NDF}: 51.3/39$

All: -148.931 ± 32.424 $\chi^2/\text{NDF}: 101.1/76$

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: 214.712 $\pm$ 0.038 χ^2 /NDF: 110635.0/20

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 217.294 $\pm$ 0.039 χ^2 /NDF: 119643.9/19

Left: 215.976 $\pm$ 0.027 χ^2 /NDF: 232534.2/40

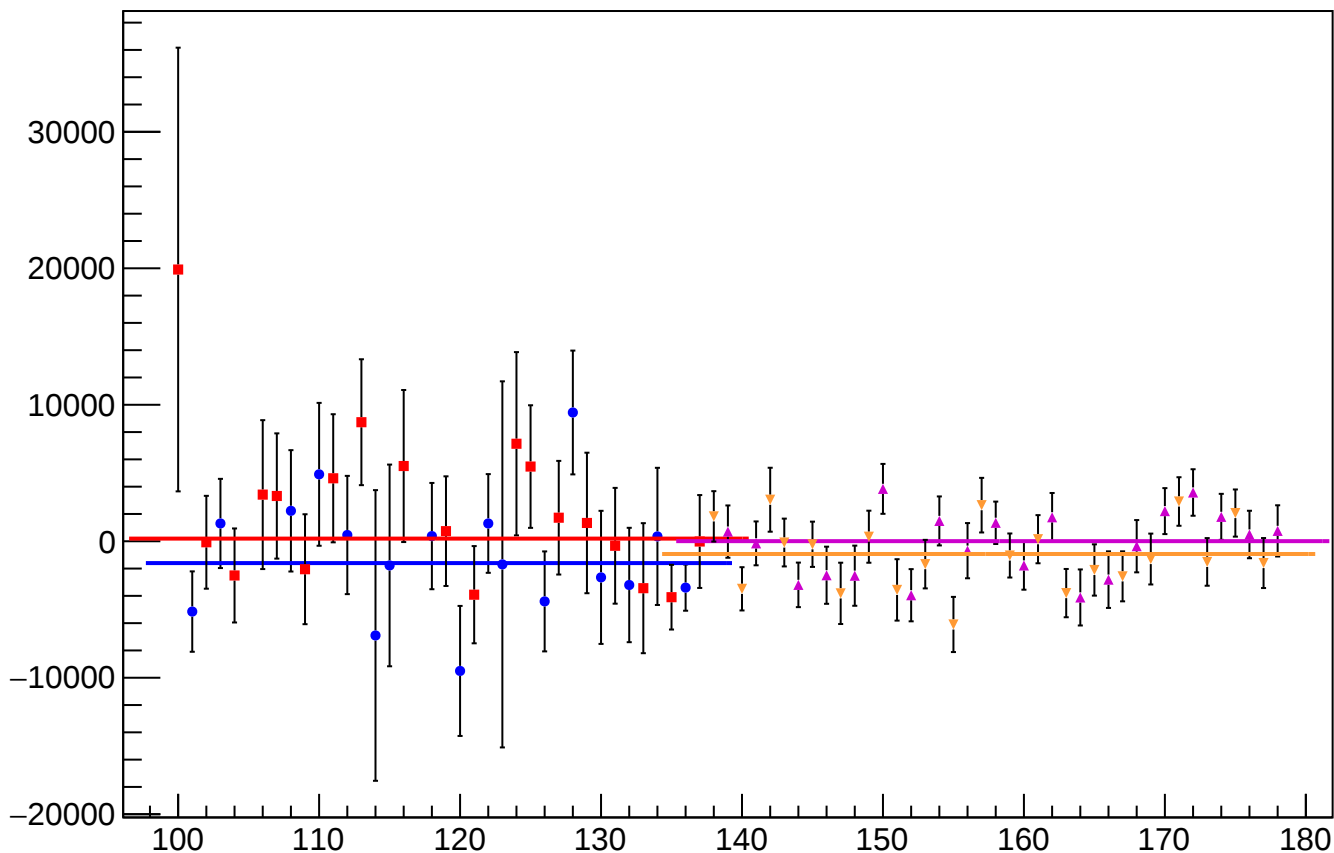
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 218.122 $\pm$ 0.033 χ^2 /NDF: 349644.9/36

Out: 217.277 $\pm$ 0.032 χ^2 /NDF: 479817.5/39

All: 217.693 $\pm$ 0.023 χ^2 /NDF: 829801.4/76

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 ± 921.042 $\chi^2/NDF: 16.6/16$

Left Out: -933.038 ± 401.049 $\chi^2/NDF: 33.6/20$

Right Out: 194.970 ± 947.480 $\chi^2/NDF: 16.3/18$

Left In: 8.233 ± 406.543 $\chi^2/NDF: 32.3/19$

Left: -468.806 ± 285.507 $\chi^2/NDF: 68.7/40$

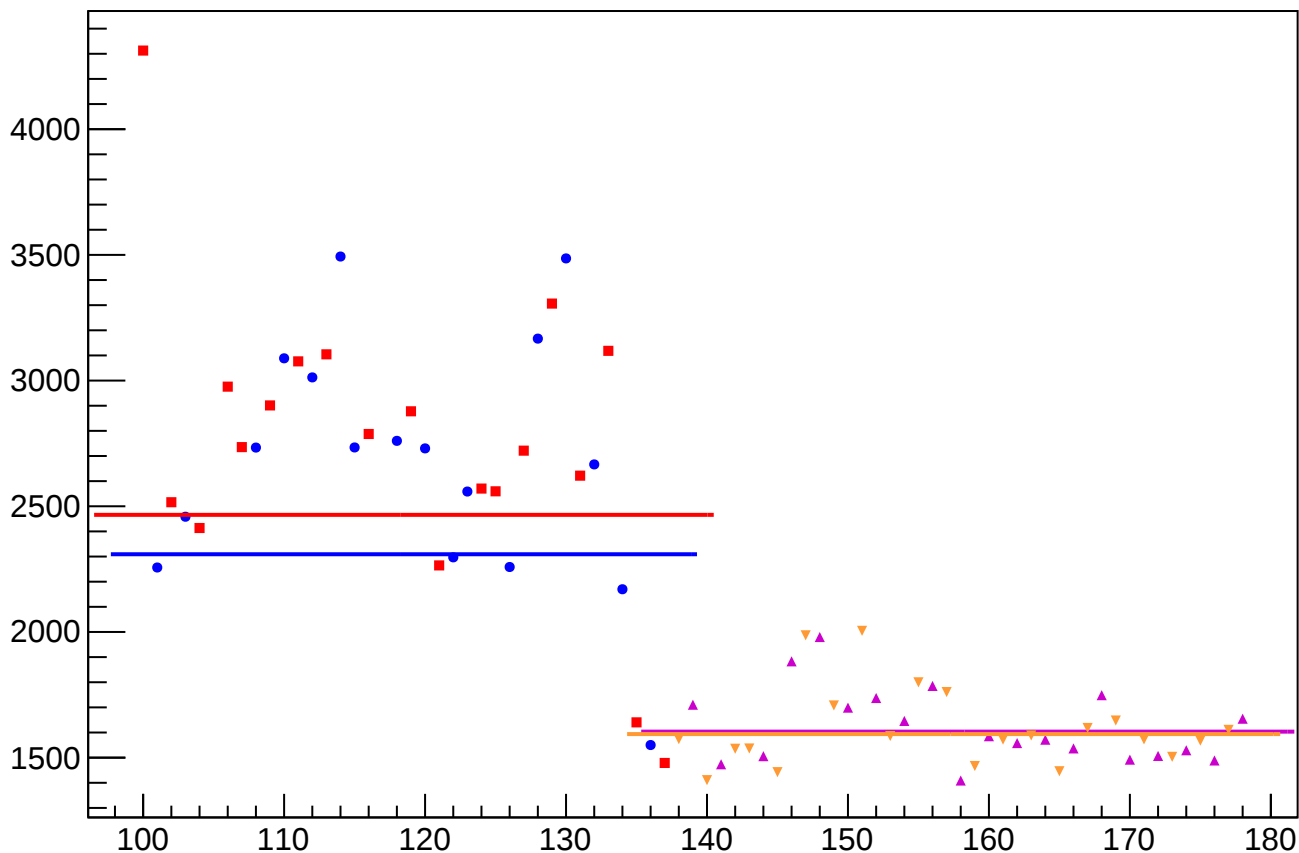
Right: -727.416 ± 660.424 $\chi^2/NDF: 34.8/35$

In: -253.851 ± 371.924 $\chi^2/NDF: 51.5/36$

Out: -761.645 ± 369.326 $\chi^2/NDF: 51.1/39$

All: -509.527 ± 262.067 $\chi^2/NDF: 103.6/76$

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: 1593.769 $\pm$ 0.284 χ^2 /NDF: 250231.4/20

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1603.527 $\pm$ 0.287 χ^2 /NDF: 229235.9/19

Left: 1598.582 $\pm$ 0.202 χ^2 /NDF: 480051.2/40

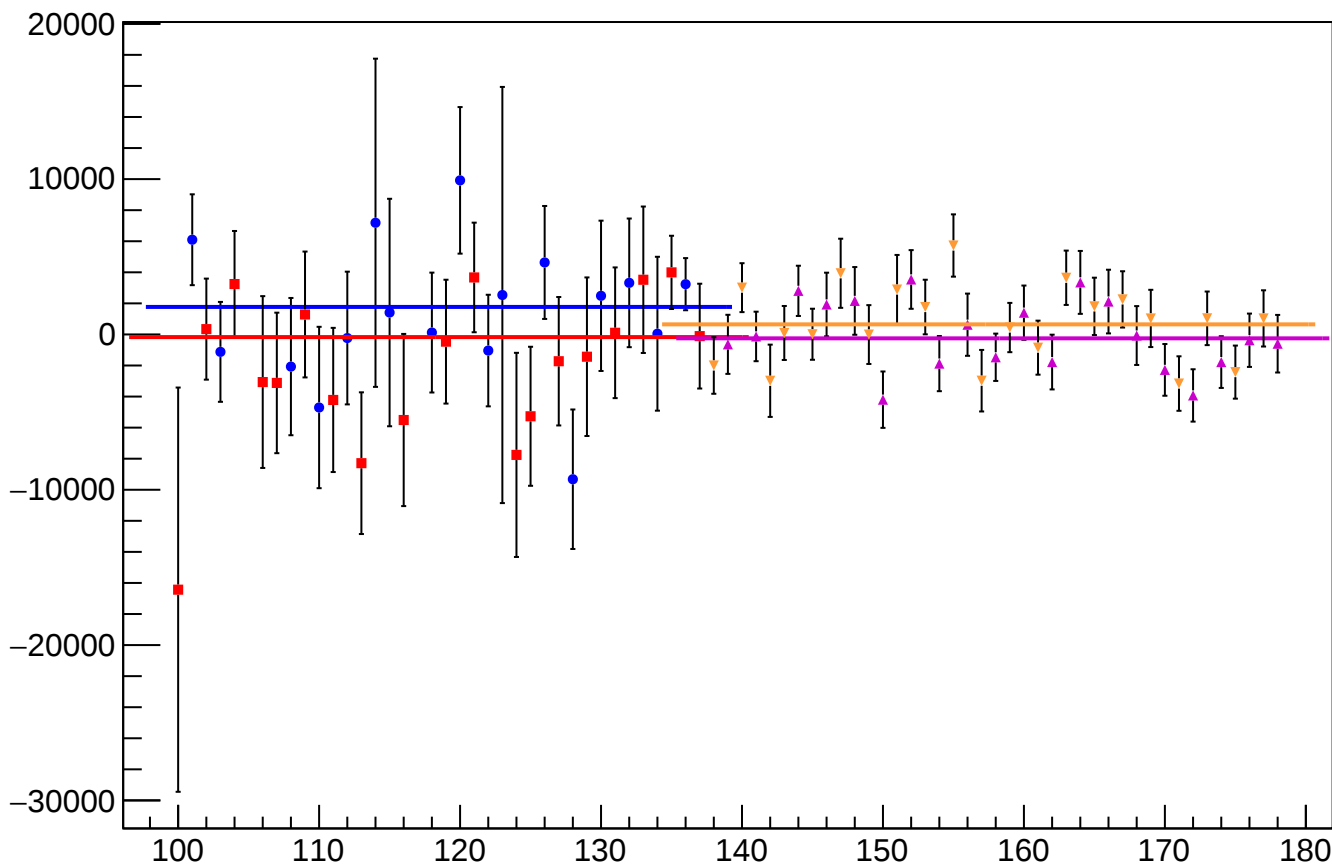
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1718.583 $\pm$ 0.263 χ^2 /NDF: 2012363.1/36

Out: 1726.283 $\pm$ 0.261 χ^2 /NDF: 2381386.3/39

All: 1722.460 $\pm$ 0.185 χ^2 /NDF: 4394181.0/76

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 648.376+/-396.634 χ^2/NDF : 33.5/20

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: -251.955+/-401.723 χ^2/NDF : 29.7/19

Left: 203.949+/-282.244 χ^2/NDF : 65.7/40

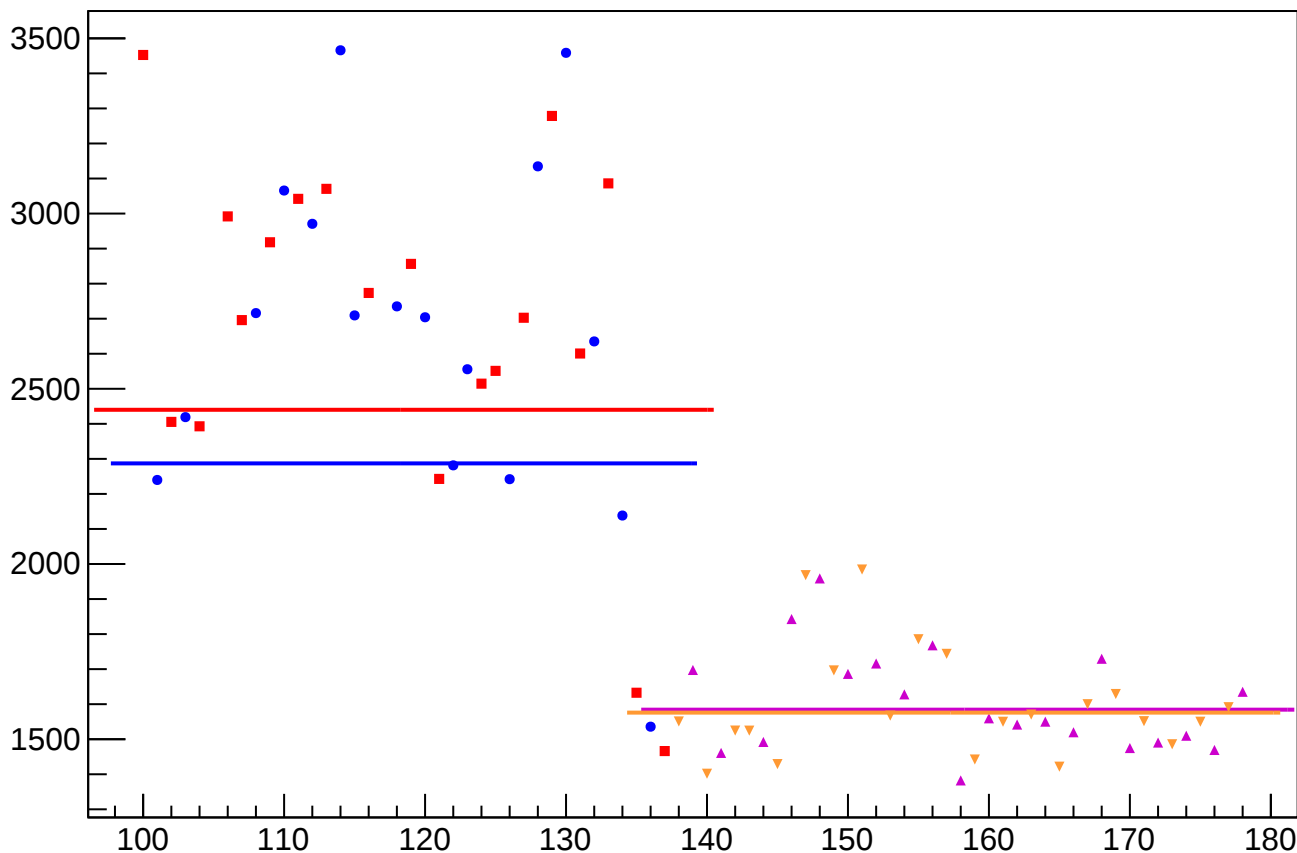
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 76.619+/-367.658 χ^2/NDF : 51.1/36

Out: 523.974+/-365.281 χ^2/NDF : 50.2/39

All: 301.748+/-259.129 χ^2/NDF : 102.1/76

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1575.924+/-0.280 χ^2/NDF : 254380.0/20

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1584.337+/-0.284 χ^2/NDF : 230893.4/19

Left: 1580.077+/-0.200 χ^2/NDF : 485717.6/40

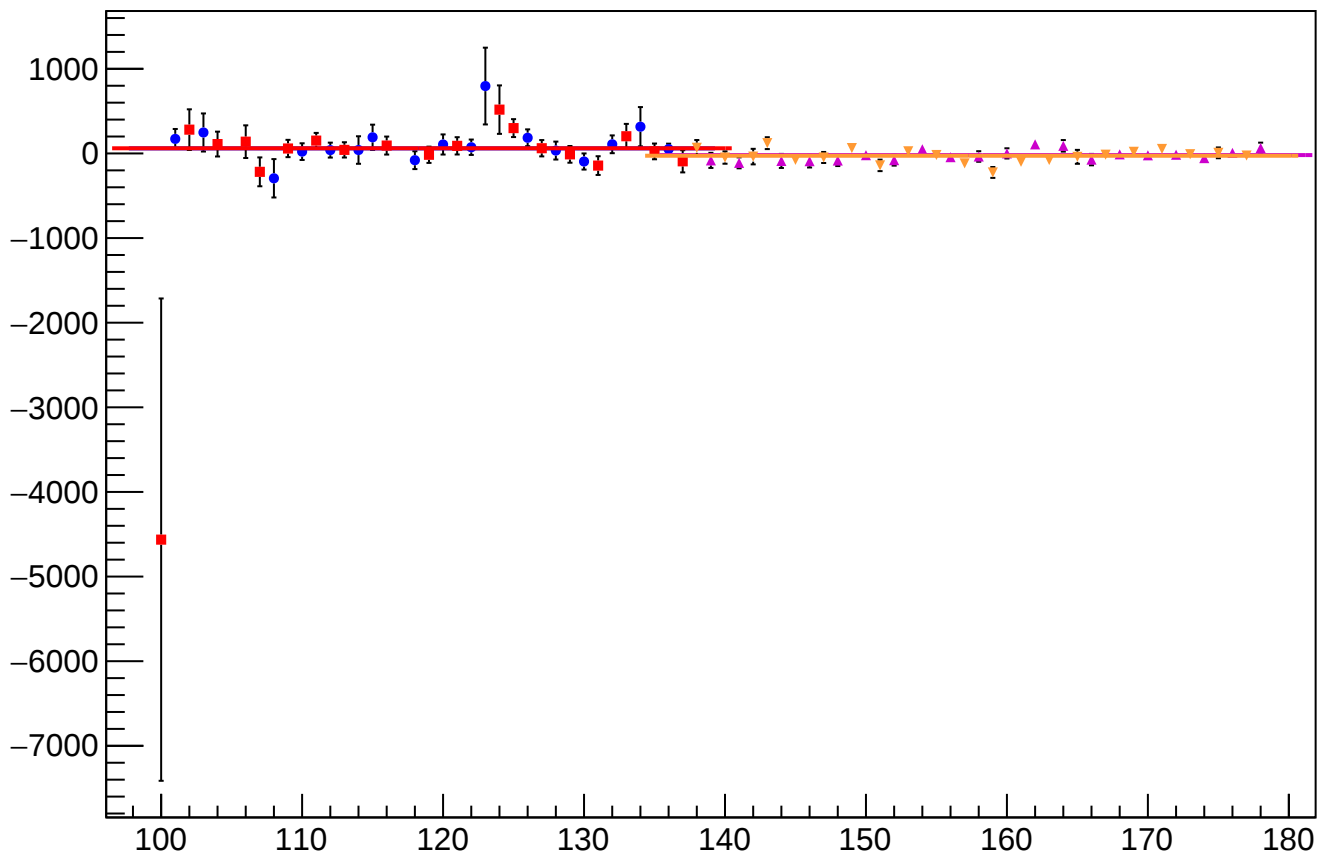
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1698.467+/-0.260 χ^2/NDF : 2024287.3/36

Out: 1707.139+/-0.258 χ^2/NDF : 2374997.0/39

All: 1702.831+/-0.183 χ^2/NDF : 4399844.3/76

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -26.982 $\pm$ 12.905 χ^2 /NDF:31.2/20

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -19.369 $\pm$ 13.227 χ^2 /NDF:18.5/19

Left: -23.269 $\pm$ 9.237 χ^2 /NDF: 49.8/40

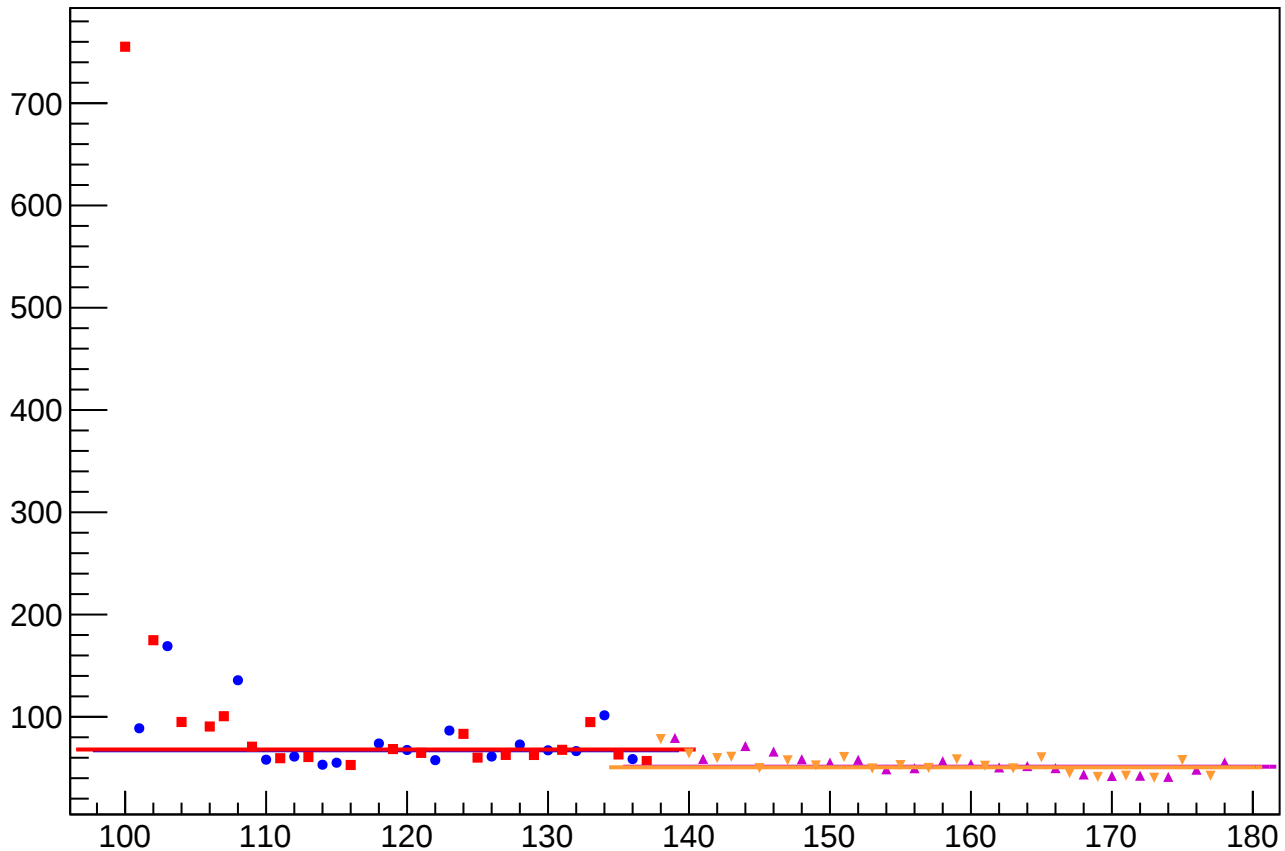
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -4.146 $\pm$ 11.885 χ^2 /NDF:40.7/36

Out: -10.632 $\pm$ 11.644 χ^2 /NDF:62.1/39

All: -7.455 $\pm$ 8.318 χ^2 /NDF: 102.9/76

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: 50.654 $\pm$ 0.009 χ^2 /NDF: 785479.7/20

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 51.246 $\pm$ 0.009 χ^2 /NDF: 805438.0/19

Left: 50.943 $\pm$ 0.007 χ^2 /NDF: 1592971.6/40

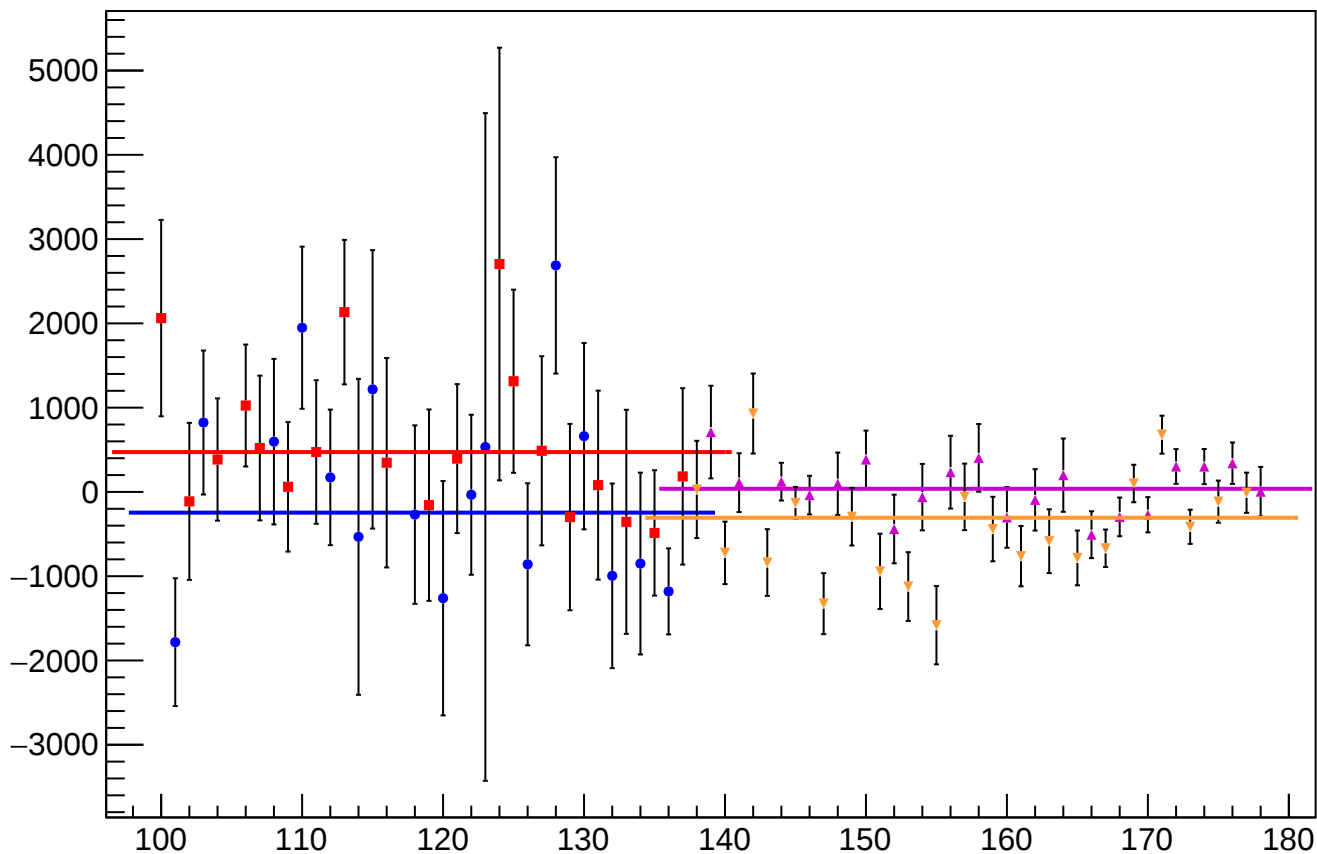
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 54.338 $\pm$ 0.008 χ^2 /NDF: 2214071.3/36

Out: 53.889 $\pm$ 0.008 χ^2 /NDF: 2332300.0/39

All: 54.109 $\pm$ 0.006 χ^2 /NDF: 4547825.8/76

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -306.728 ± 65.038 χ^2/NDF : 65.0/20

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 37.510 ± 64.502 χ^2/NDF : 19.4/19

Left: -133.183 ± 45.798 χ^2/NDF : 98.5/40

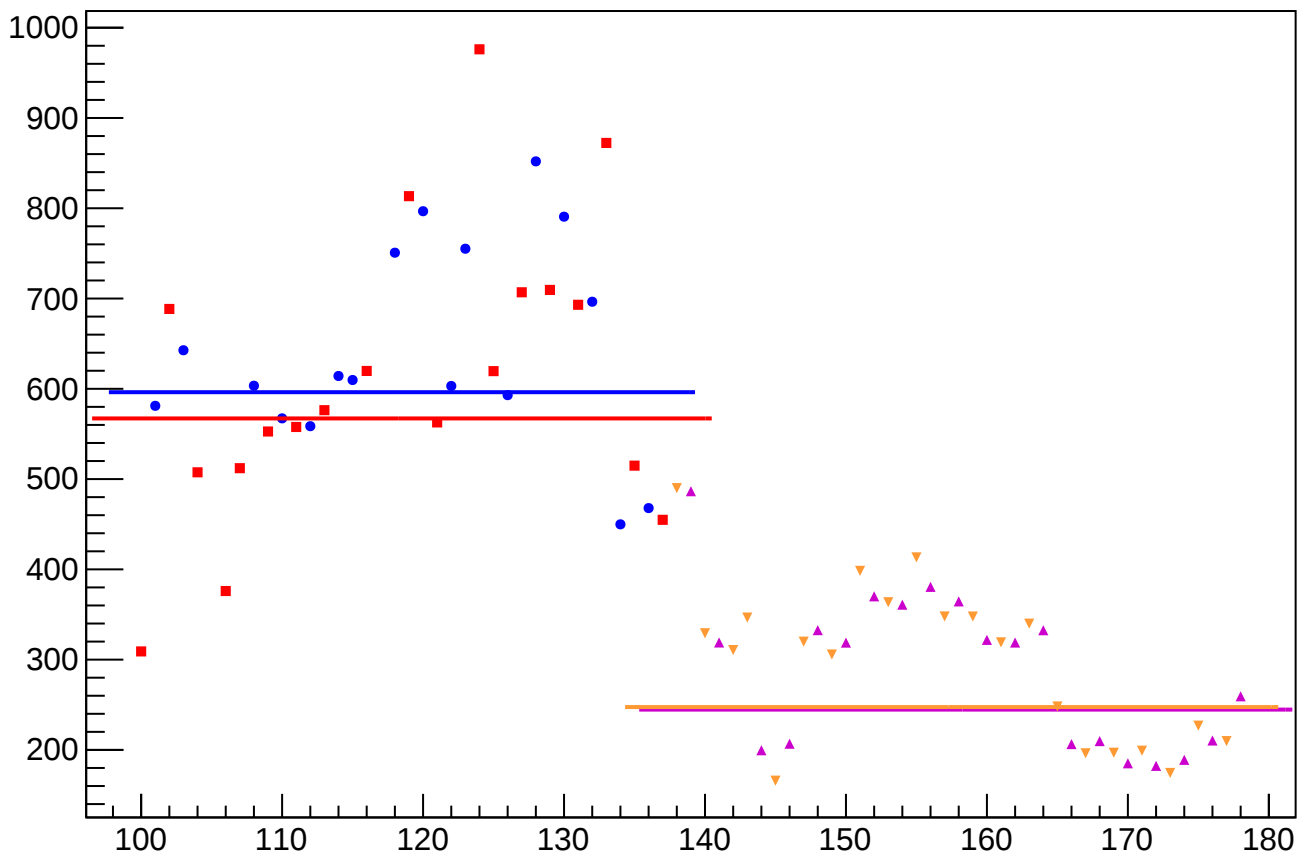
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: 17.737 ± 62.209 χ^2/NDF : 44.5/36

Out: -243.450 ± 62.343 χ^2/NDF : 88.0/39

All: -112.575 ± 44.036 χ^2/NDF : 141.2/76

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: 247.472 $\pm$ 0.046 χ^2 /NDF: 2854897.3/20

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 244.658 $\pm$ 0.046 χ^2 /NDF: 2432542.9/19

Left: 246.053 $\pm$ 0.032 χ^2 /NDF: 5289327.5/40

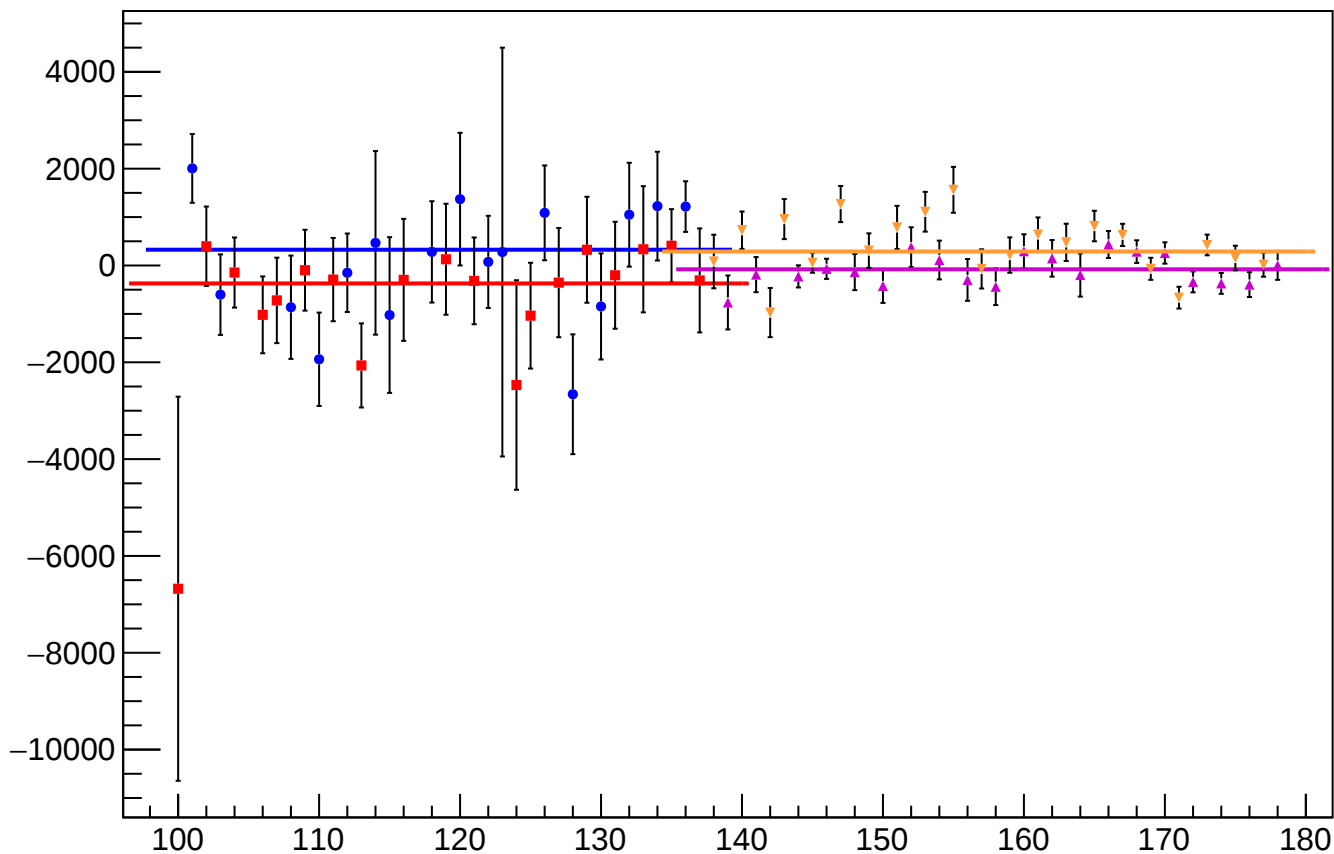
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 269.211 $\pm$ 0.044 χ^2 /NDF: 7004521.1/36

Out: 273.422 $\pm$ 0.044 χ^2 /NDF: 7452924.3/39

All: 271.312 $\pm$ 0.031 χ^2 /NDF: 14462017.5/76

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 288.602+/-66.847 χ^2/NDF :60.2/20

Right Out: -370.721+/-224.892 χ^2/NDF : 11.5/18

Left In: -78.724+/-65.392 χ^2/NDF :20.2/19

Left: 100.897+/-46.745 χ^2/NDF : 95.8/40

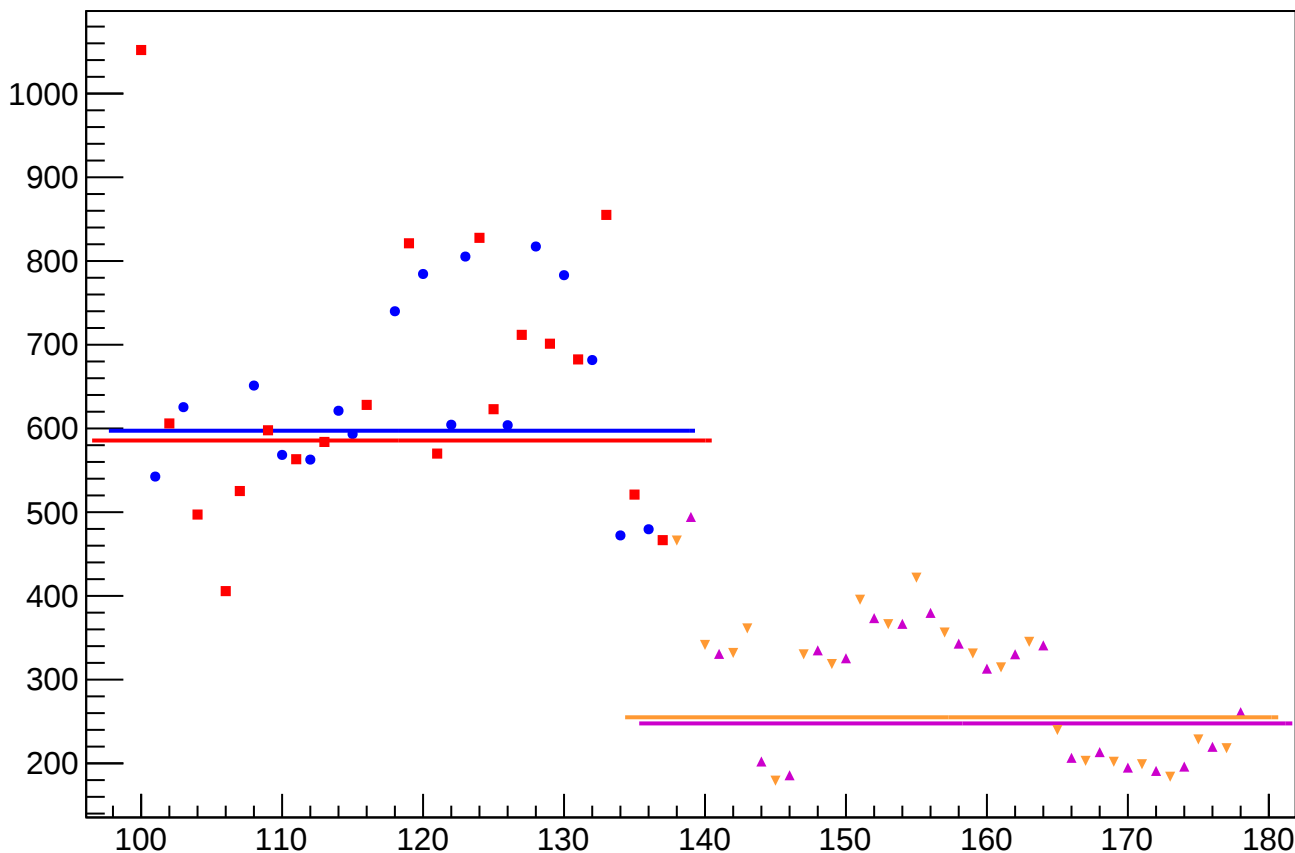
Right: -38.515+/-162.676 χ^2/NDF : 43.0/35

In: -49.770+/-63.010 χ^2/NDF :49.8/36

Out: 235.078+/-64.076 χ^2/NDF :79.7/39

All: 90.264+/-44.927 χ^2/NDF : 139.5/76

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 255.017 $\pm$ 0.047 χ^2 /NDF:2583800.4/20

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 247.685 $\pm$ 0.046 χ^2 /NDF:2370324.8/19

Left: 251.270 $\pm$ 0.033 χ^2 /NDF: 4966418.0/40

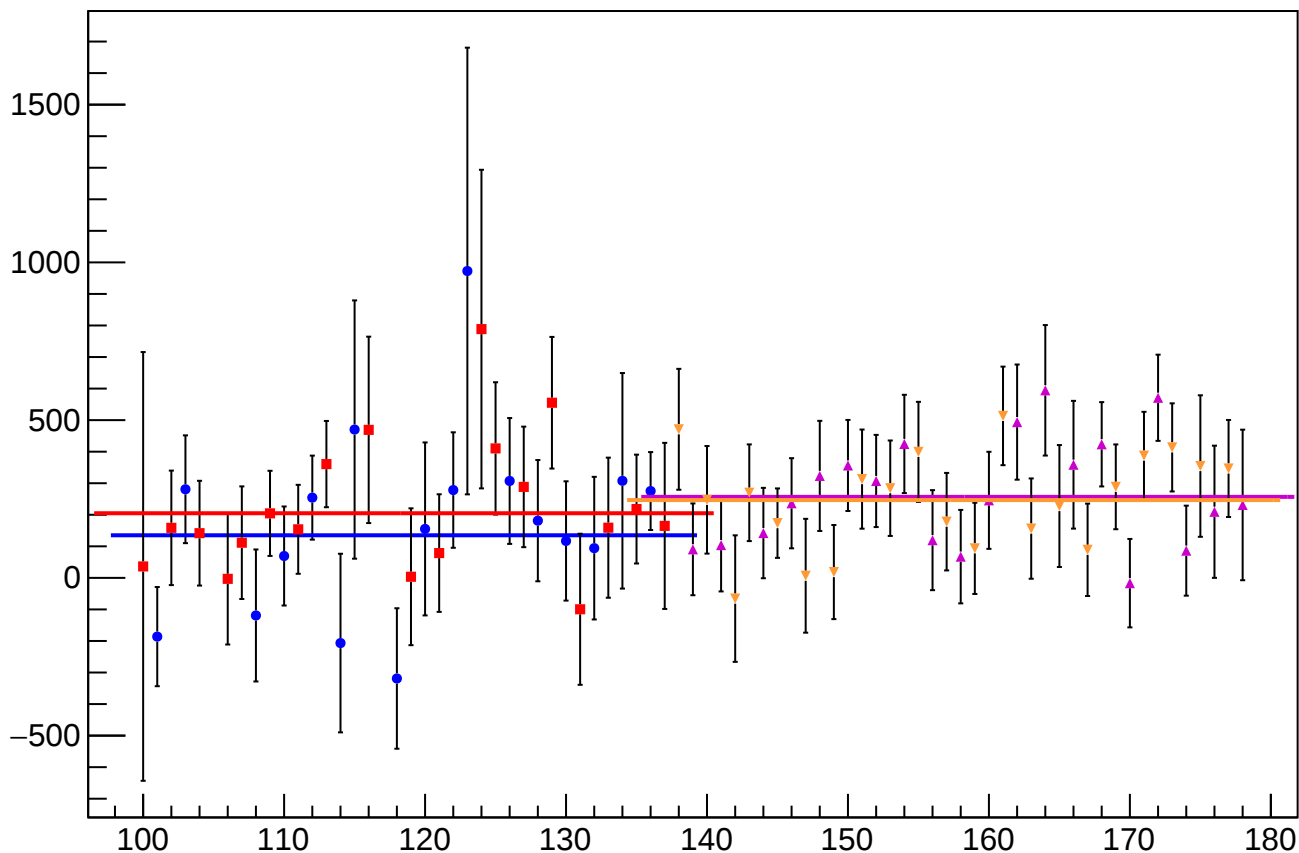
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 272.692 $\pm$ 0.045 χ^2 /NDF:6823062.8/36

Out: 281.854 $\pm$ 0.045 χ^2 /NDF:7029546.4/39

All: 277.196 $\pm$ 0.032 χ^2 /NDF: 13873399.8/76

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: 246.583 $\pm$ 33.795 χ^2 /NDF:18.5/20

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 256.750 $\pm$ 35.013 χ^2 /NDF:24.1/19

Left: 251.487 $\pm$ 24.316 χ^2 /NDF: 42.6/40

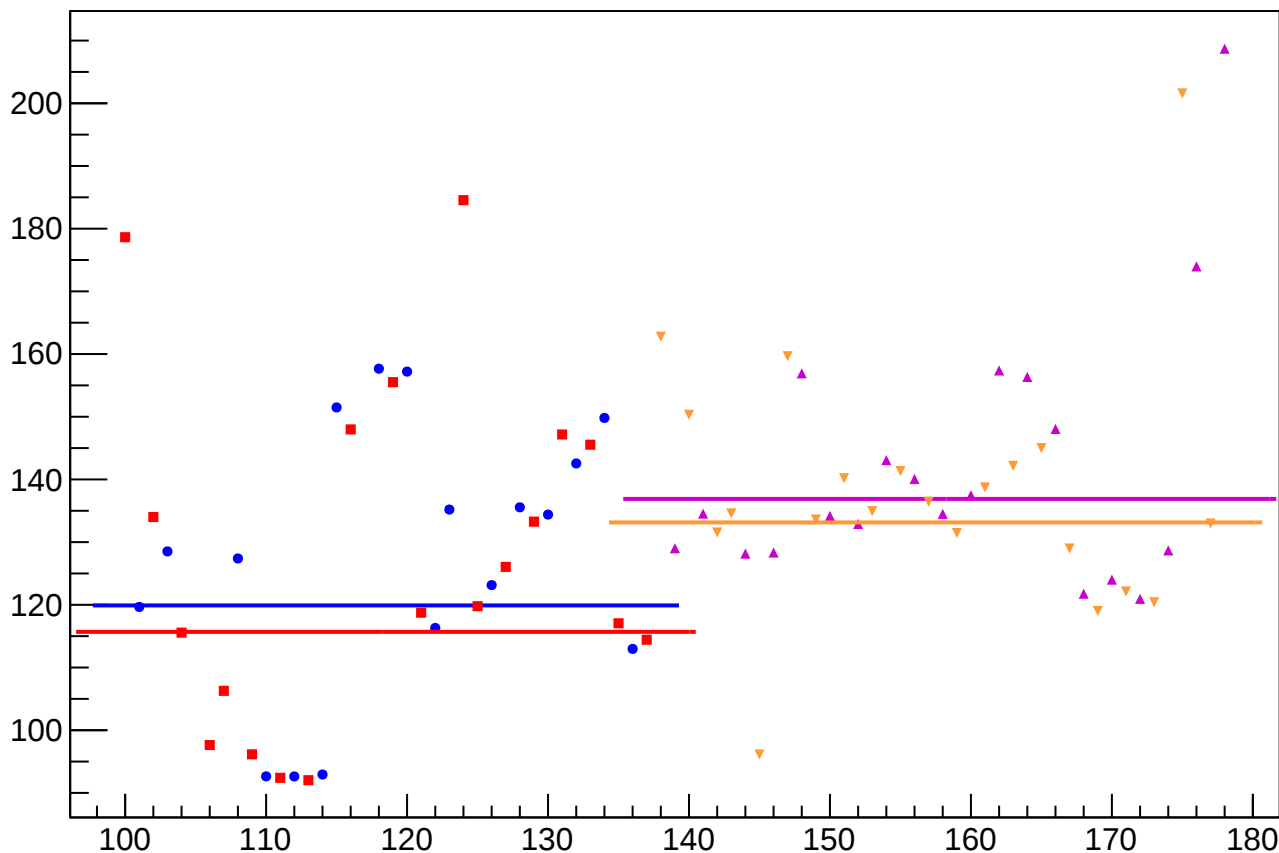
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 213.338 $\pm$ 28.083 χ^2 /NDF:46.5/36

Out: 231.298 $\pm$ 26.900 χ^2 /NDF:31.1/39

All: 222.704 $\pm$ 19.426 χ^2 /NDF: 77.8/76

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: 133.145 $\pm$ 0.024 χ^2 /NDF: 604254.7/20

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 136.896 $\pm$ 0.025 χ^2 /NDF: 423165.9/19

Left: 134.954 $\pm$ 0.017 χ^2 /NDF: 1039305.7/40

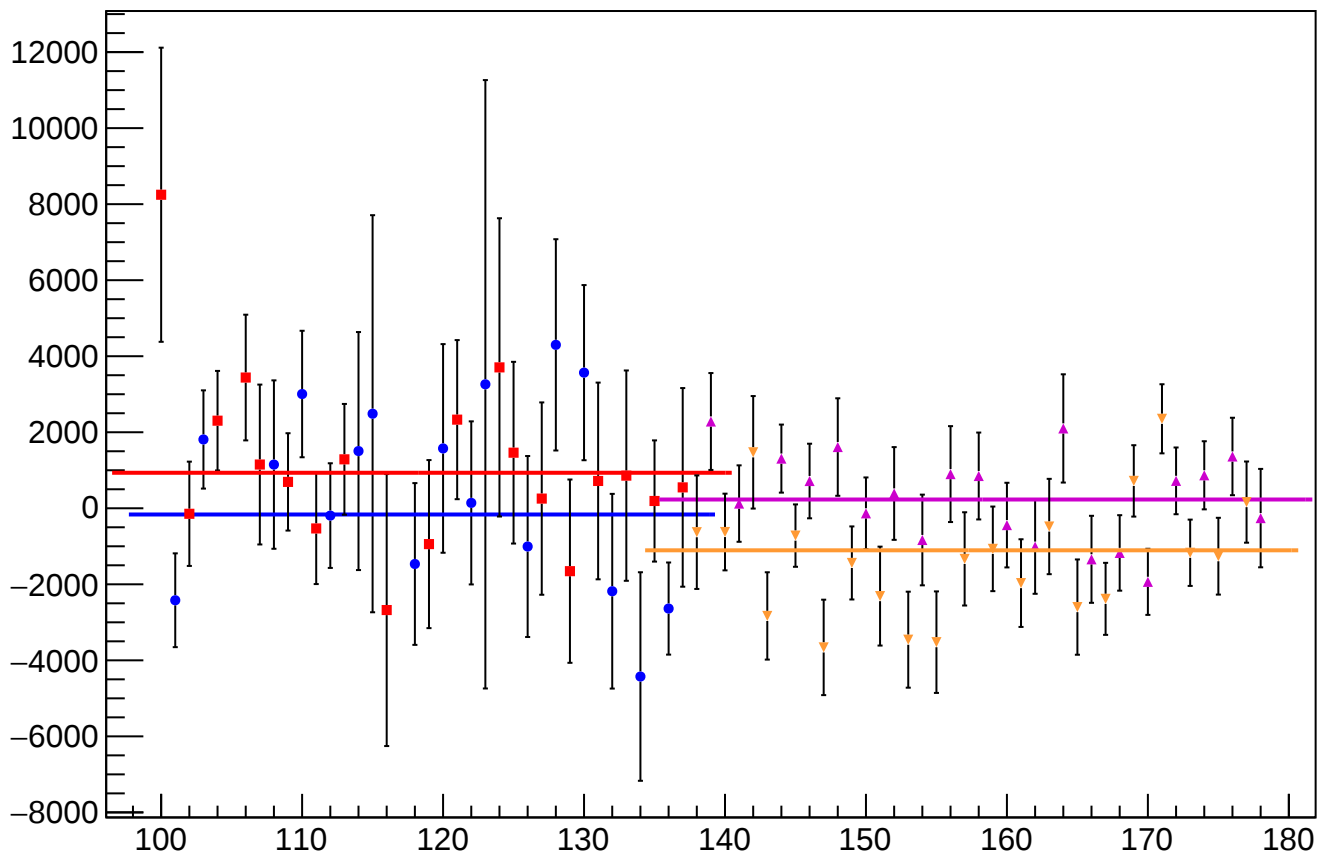
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 130.836 $\pm$ 0.020 χ^2 /NDF: 936691.1/36

Out: 126.750 $\pm$ 0.019 χ^2 /NDF: 1235023.5/39

All: 128.705 $\pm$ 0.014 χ^2 /NDF: 2193786.3/76

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 ± 469.592 χ^2/NDF : 23.7/16

Left Out: -1105.827 ± 237.325 χ^2/NDF : 41.5/20

Right Out: 933.992 ± 437.648 χ^2/NDF : 12.9/18

Left In: 230.609 ± 238.736 χ^2/NDF : 22.4/19

Left: -441.569 ± 168.311 χ^2/NDF : 79.6/40

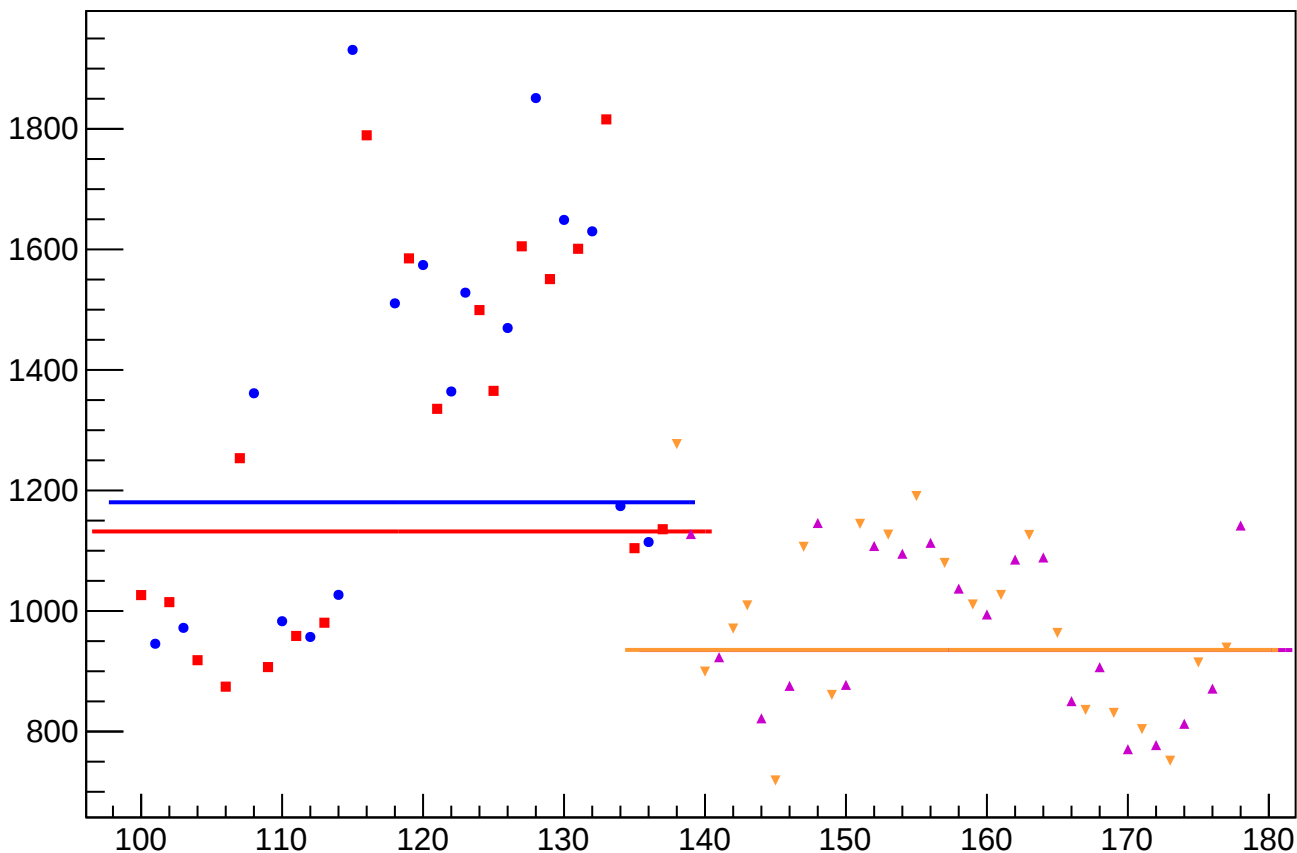
Right: 423.822 ± 320.162 χ^2/NDF : 39.5/35

In: 149.660 ± 212.813 χ^2/NDF : 46.6/36

Out: -642.300 ± 208.625 χ^2/NDF : 71.2/39

All: -254.189 ± 148.979 χ^2/NDF : 124.9/76

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 935.438+/-0.168 χ^2/NDF : 751020.9/20

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 935.196+/-0.169 χ^2/NDF : 581634.4/19

Left: 935.318+/-0.119 χ^2/NDF : 1332656.3/40

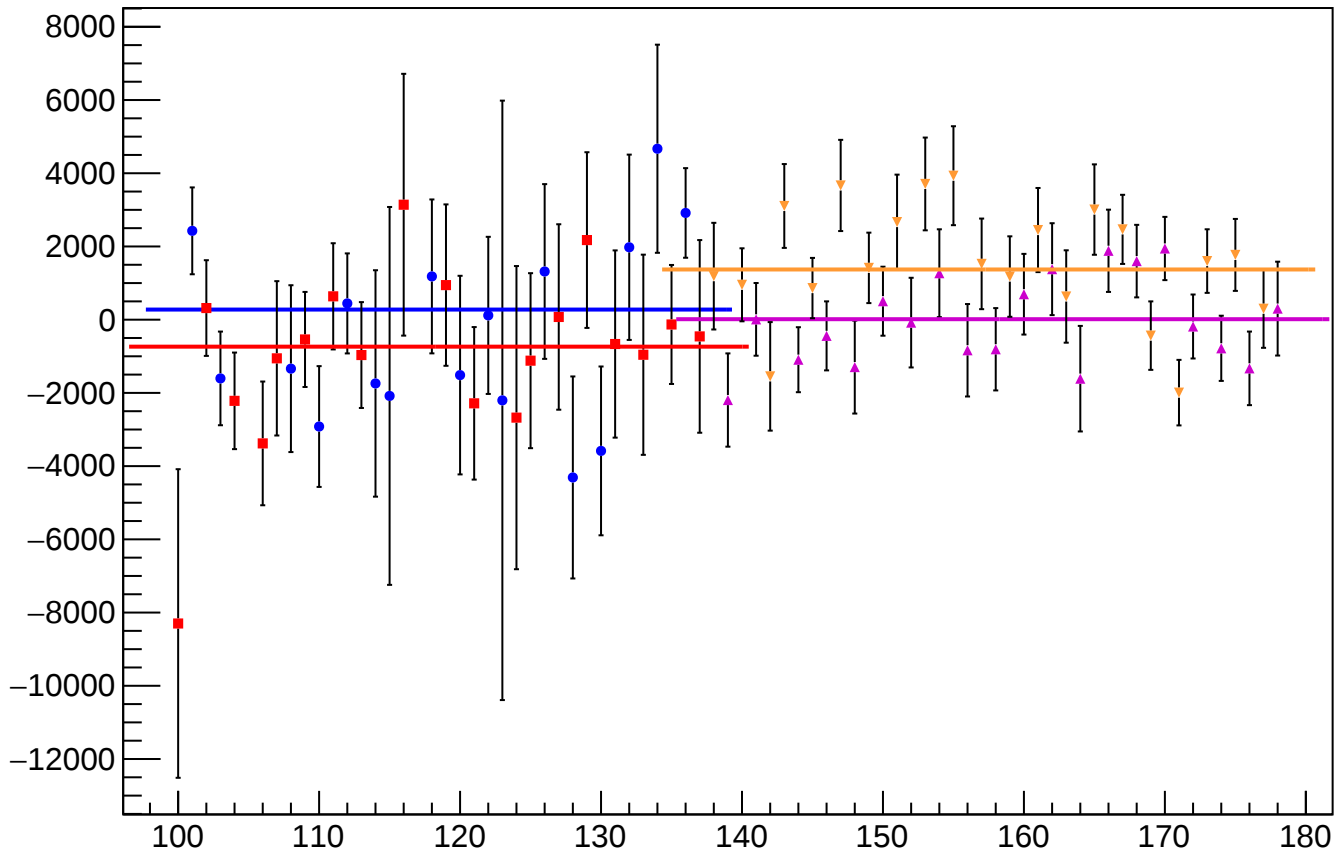
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 985.557+/-0.150 χ^2/NDF : 1683804.5/36

Out: 980.099+/-0.148 χ^2/NDF : 1824620.4/39

All: 982.774+/-0.105 χ^2/NDF : 3509095.5/76

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1371.415 $\pm$ 236.140 χ^2/NDF : 41.6/20

Right Out: -736.749 $\pm$ 437.448 χ^2/NDF : 12.8/18

Left In: 13.437 $\pm$ 236.936 χ^2/NDF : 24.1/19

Left: 694.711 $\pm$ 167.257 χ^2/NDF : 82.2/40

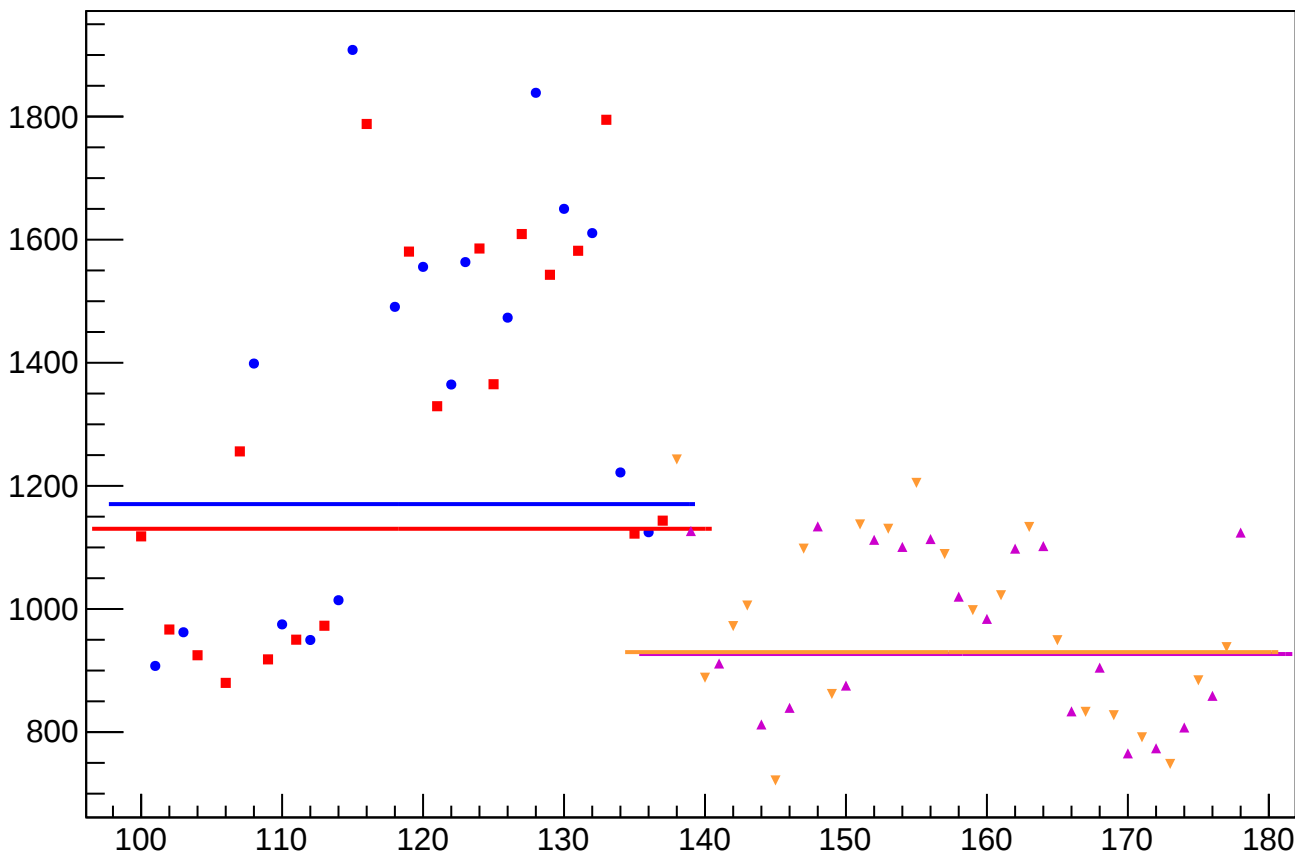
Right: -262.610 $\pm$ 319.075 χ^2/NDF : 39.7/35

In: 67.380 $\pm$ 211.243 χ^2/NDF : 48.6/36

Out: 895.719 $\pm$ 207.797 χ^2/NDF : 72.4/39

All: 488.361 $\pm$ 148.138 χ^2/NDF : 128.9/76

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 929.959 $\pm$ 0.167 χ^2/NDF : 755766.5/20

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 926.842 $\pm$ 0.168 χ^2/NDF : 615539.5/19

Left: 928.406 $\pm$ 0.118 χ^2/NDF : 1371479.6/40

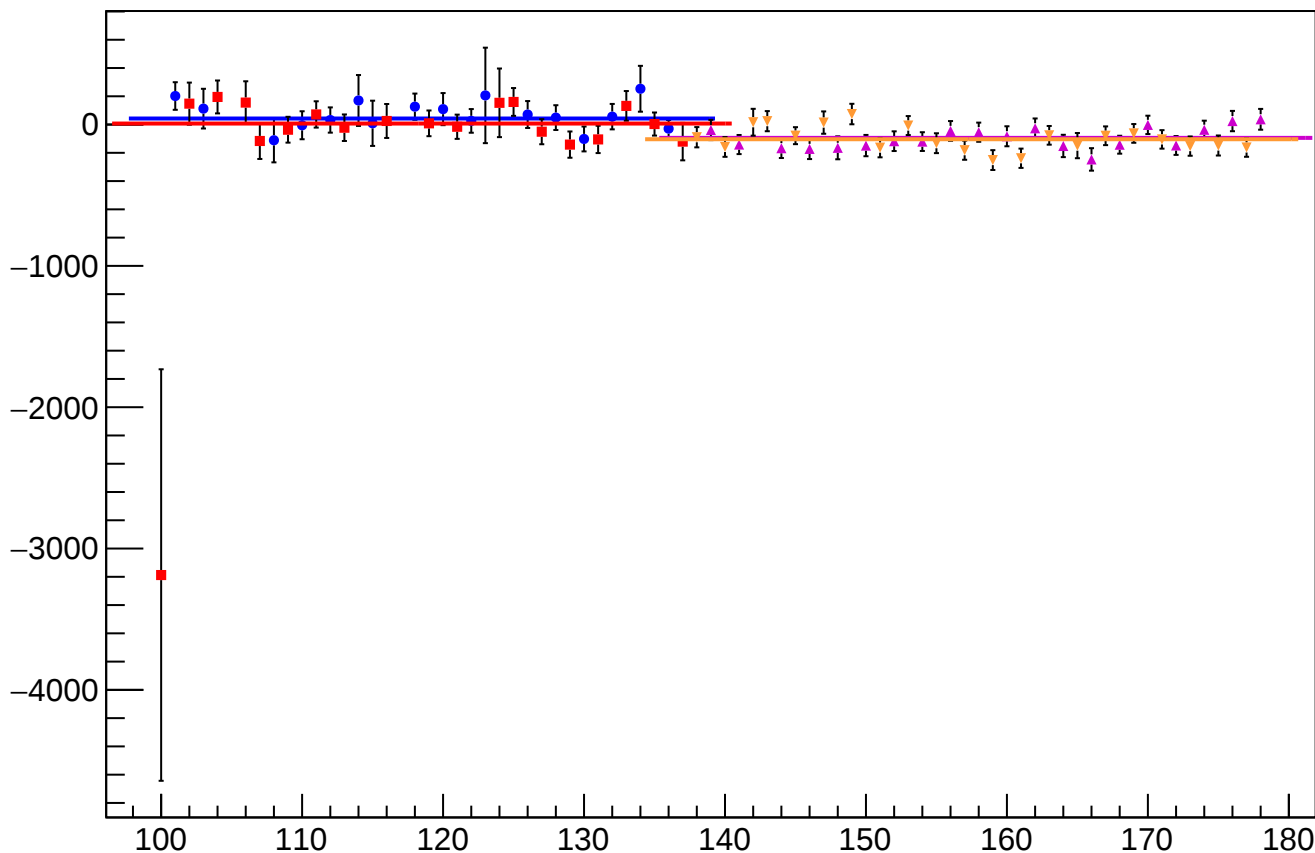
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 976.801 $\pm$ 0.149 χ^2/NDF : 1754528.1/36

Out: 975.170 $\pm$ 0.147 χ^2/NDF : 1843712.0/39

All: 975.972 $\pm$ 0.105 χ^2/NDF : 3598300.7/76

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: -103.886 ± 15.256 $\chi^2/\text{NDF}: 29.2/20$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -94.264 ± 15.704 $\chi^2/\text{NDF}: 20.9/19$

Left: -99.214 ± 10.943 $\chi^2/\text{NDF}: 50.3/40$

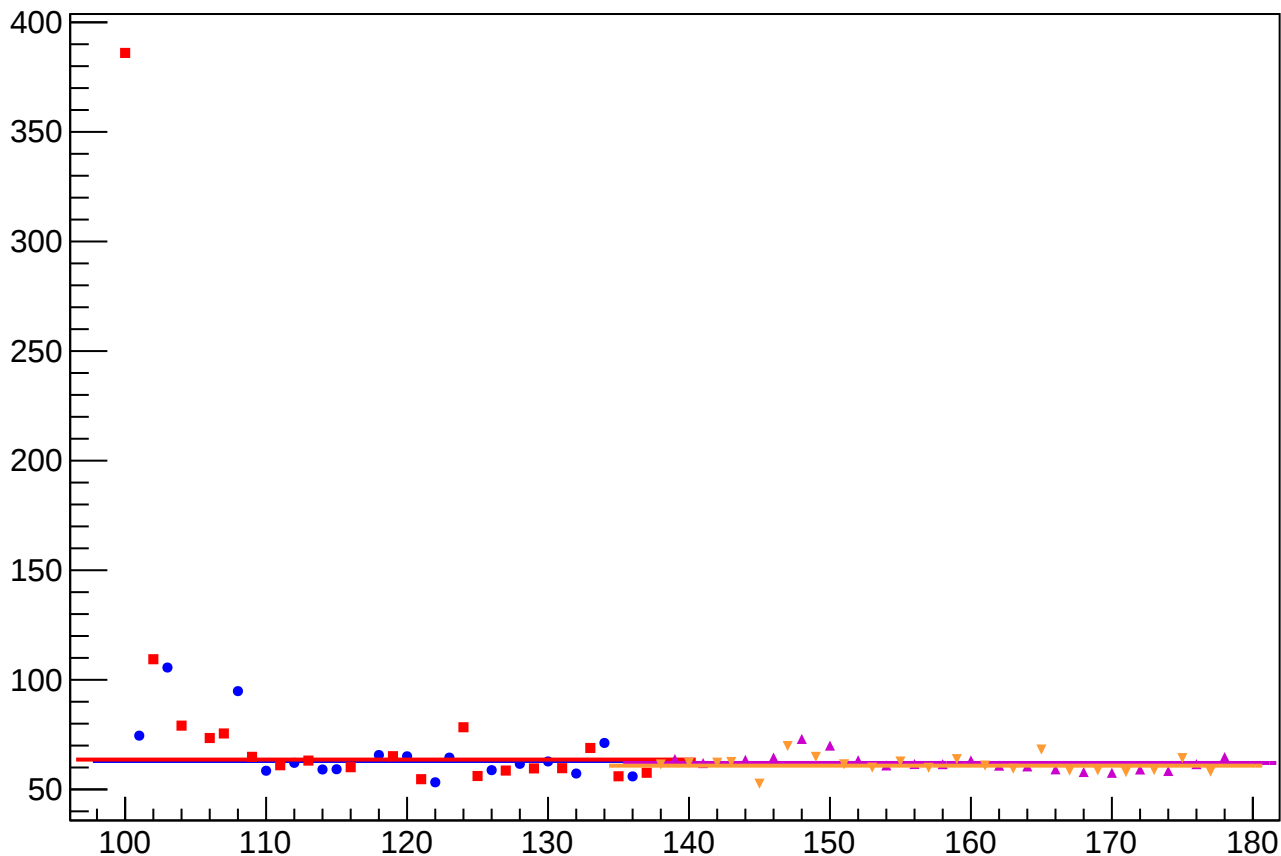
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -54.846 ± 13.253 $\chi^2/\text{NDF}: 54.8/36$

Out: -72.858 ± 12.949 $\chi^2/\text{NDF}: 64.6/39$

All: -64.061 ± 9.262 $\chi^2/\text{NDF}: 120.3/76$

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: 60.840 $\pm$ 0.011 χ^2 /NDF: 110481.8/20

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.065 $\pm$ 0.011 χ^2 /NDF: 100276.3/19

Left: 61.434 $\pm$ 0.008 χ^2 /NDF: 217021.4/40

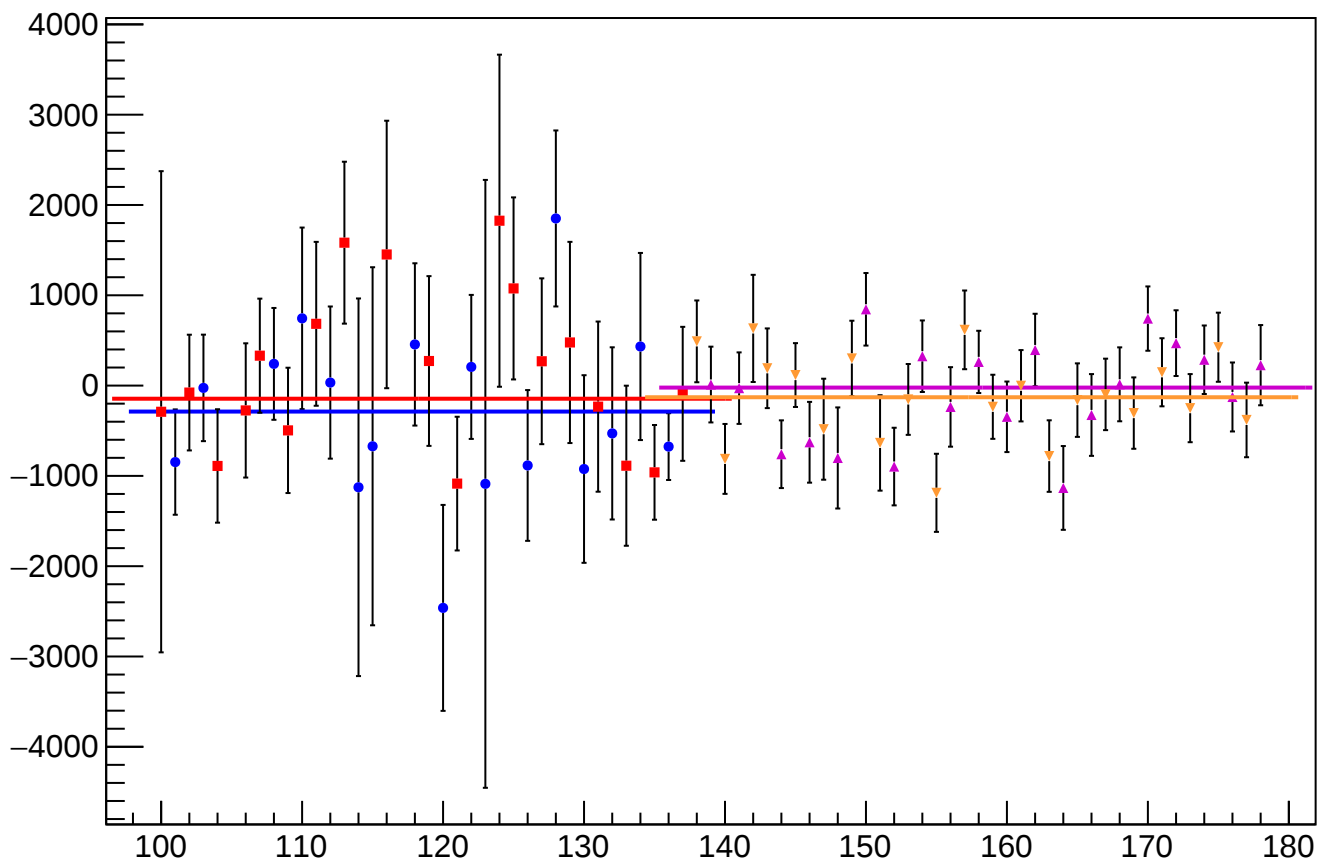
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.328 $\pm$ 0.009 χ^2 /NDF: 477495.3/36

Out: 61.615 $\pm$ 0.009 χ^2 /NDF: 562516.8/39

All: 61.963 $\pm$ 0.007 χ^2 /NDF: 1042975.1/76

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -129.187 ± 90.000 $\chi^2/\text{NDF}: 25.2/20$

Right Out: -145.341 ± 187.312 $\chi^2/\text{NDF}: 16.1/18$

Left In: -22.159 ± 90.722 $\chi^2/\text{NDF}: 33.6/19$

Left: -76.101 ± 63.894 $\chi^2/\text{NDF}: 59.4/40$

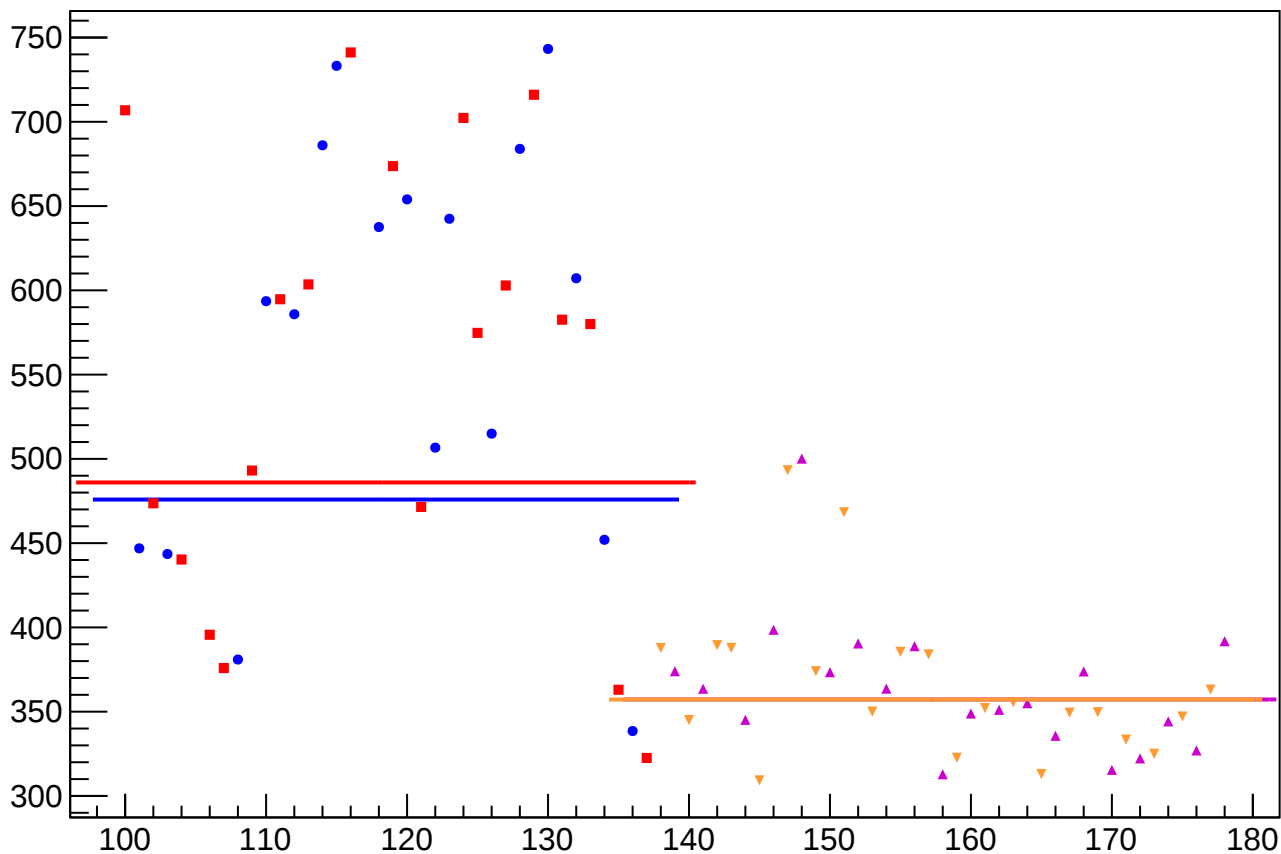
Right: -215.540 ± 133.351 $\chi^2/\text{NDF}: 31.7/35$

In: -71.504 ± 81.859 $\chi^2/\text{NDF}: 50.5/36$

Out: -132.217 ± 81.122 $\chi^2/\text{NDF}: 41.2/39$

All: -102.136 ± 57.621 $\chi^2/\text{NDF}: 92.0/76$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 357.199+/-0.064 χ^2/NDF : 358971.5/20

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 357.235+/-0.064 χ^2/NDF : 294721.0/19

Left: 357.217+/-0.045 χ^2/NDF : 653692.6/40

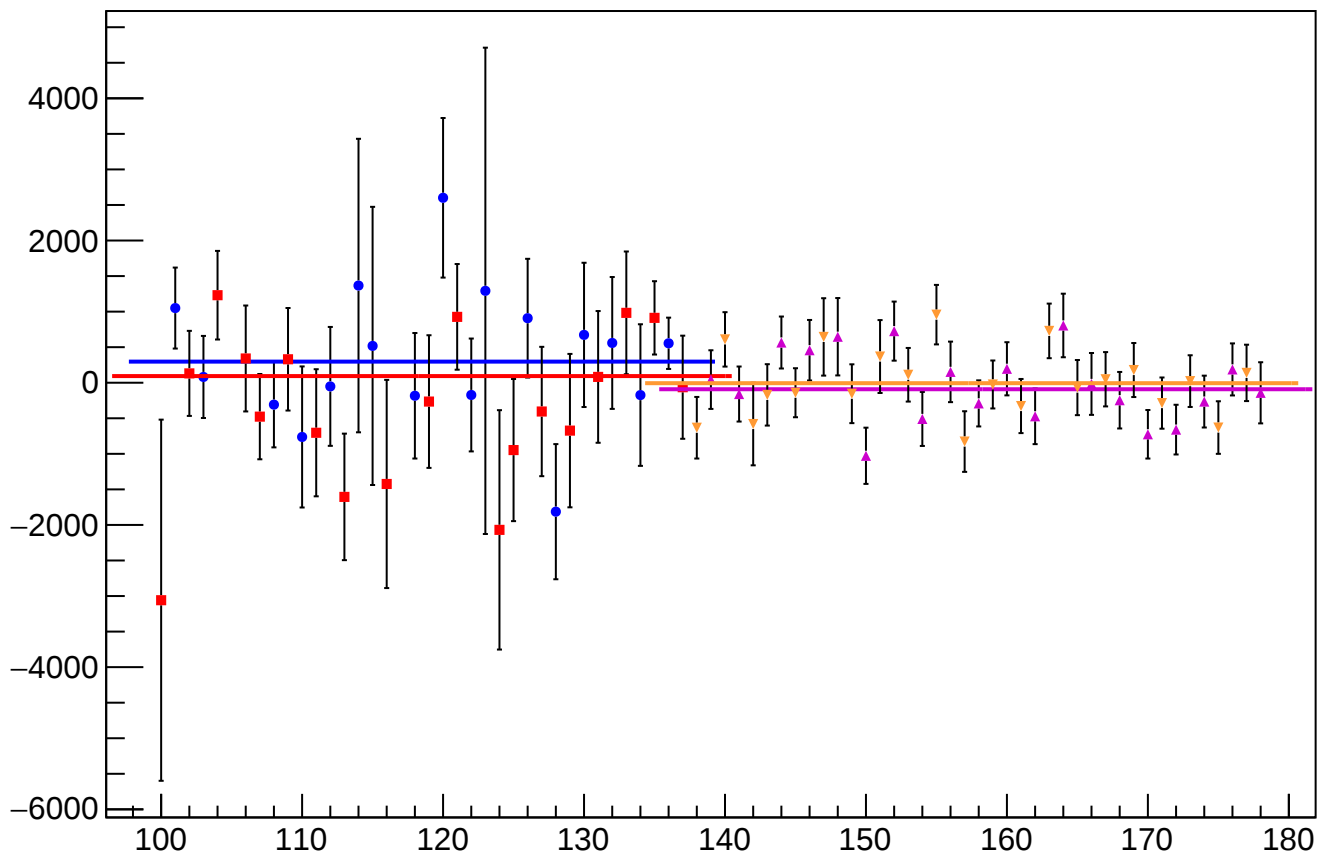
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 379.282+/-0.058 χ^2/NDF : 1768118.5/36

Out: 381.359+/-0.057 χ^2/NDF : 1857513.3/39

All: 380.330+/-0.041 χ^2/NDF : 3626281.4/76

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 $\chi^2/\text{NDF}: 15.9/16$

Left Out: -6.327 ± 87.025 $\chi^2/\text{NDF}: 25.4/20$

Right Out: 93.523 ± 183.916 $\chi^2/\text{NDF}: 20.1/18$

Left In: -91.561 ± 87.518 $\chi^2/\text{NDF}: 30.9/19$

Left: -48.703 ± 61.709 $\chi^2/\text{NDF}: 56.8/40$

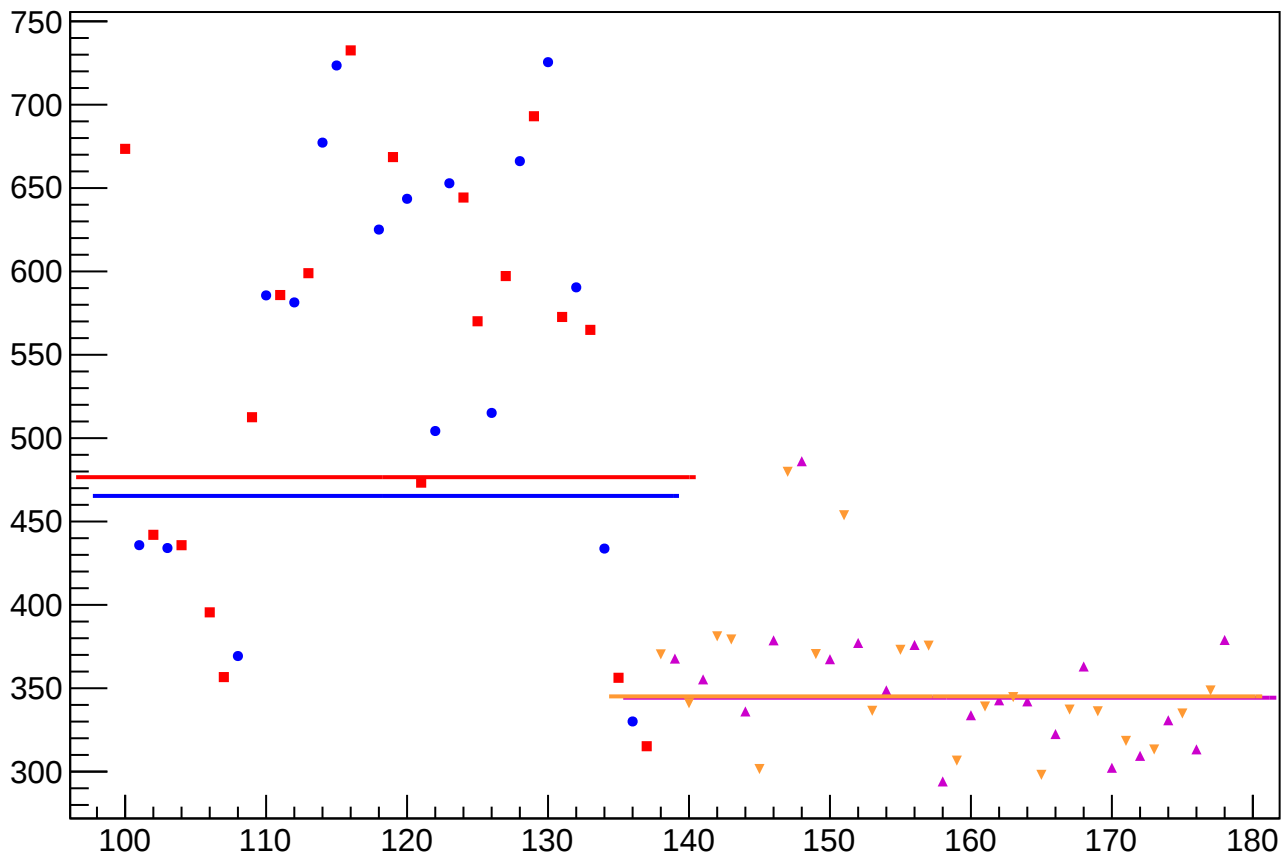
Right: 194.121 ± 130.770 $\chi^2/\text{NDF}: 36.6/35$

In: -21.117 ± 79.188 $\chi^2/\text{NDF}: 50.3/36$

Out: 11.939 ± 78.663 $\chi^2/\text{NDF}: 45.8/39$

All: -4.479 ± 55.808 $\chi^2/\text{NDF}: 96.2/76$

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 ± 0.132 χ^2/NDF : 860420.4/16

Left Out: 345.114 ± 0.062 χ^2/NDF : 385225.1/20

Right Out: 476.597 ± 0.130 χ^2/NDF : 752936.0/18

Left In: 344.322 ± 0.062 χ^2/NDF : 328092.9/19

Left: 344.720 ± 0.044 χ^2/NDF : 713400.5/40

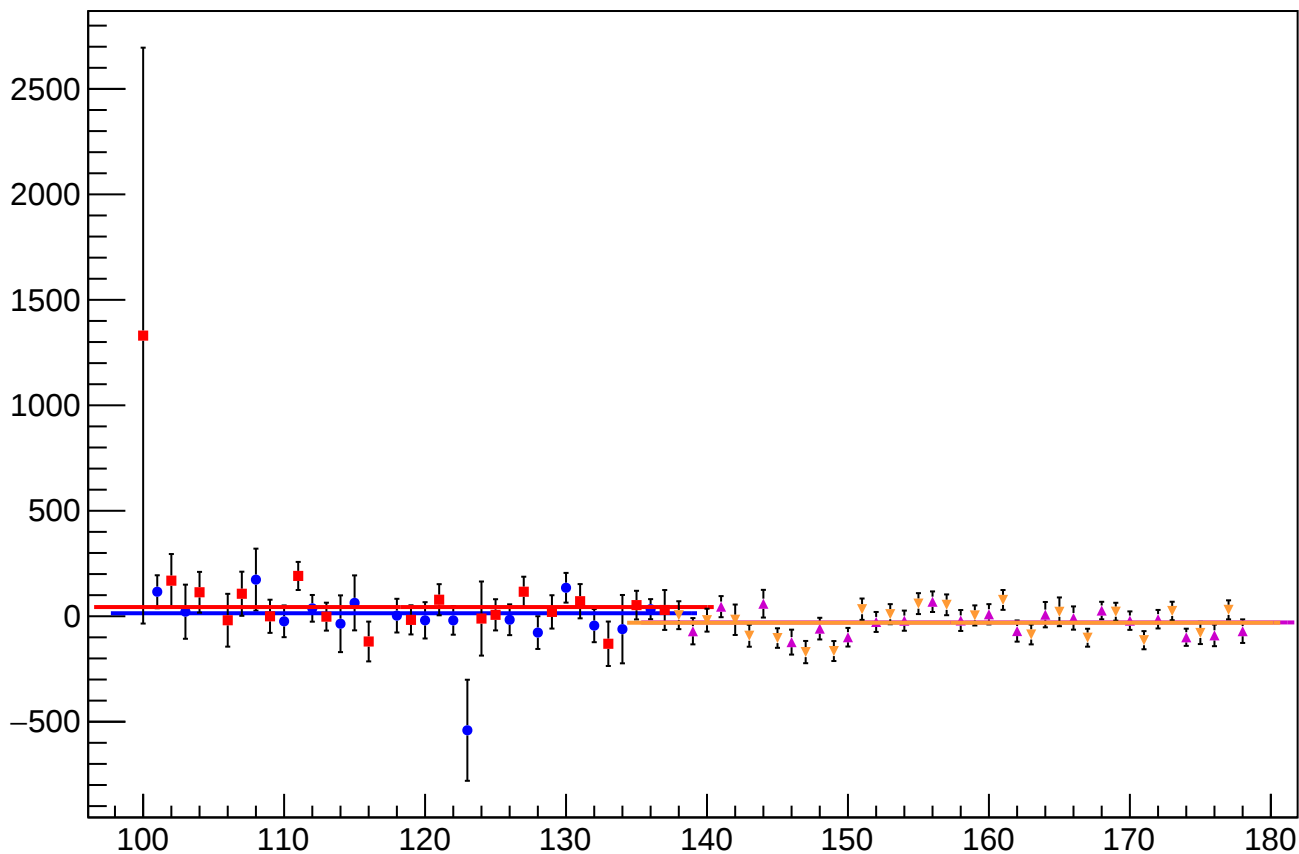
Right: 471.039 ± 0.092 χ^2/NDF : 1617050.9/35

In: 366.265 ± 0.056 χ^2/NDF : 1882031.5/36

Out: 369.167 ± 0.056 χ^2/NDF : 1973349.3/39

All: 367.726 ± 0.039 χ^2/NDF : 3856732.7/76

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 $\pm$ 19.867 χ^2 /NDF: 14.8/16

Left Out: -30.723 $\pm$ 10.758 χ^2 /NDF:48.0/20

Right Out: 43.602 $\pm$ 19.648 χ^2 /NDF: 17.0/18

Left In: -29.353 $\pm$ 11.085 χ^2 /NDF:22.8/19

Left: -30.058 $\pm$ 7.720 χ^2 /NDF: 70.8/40

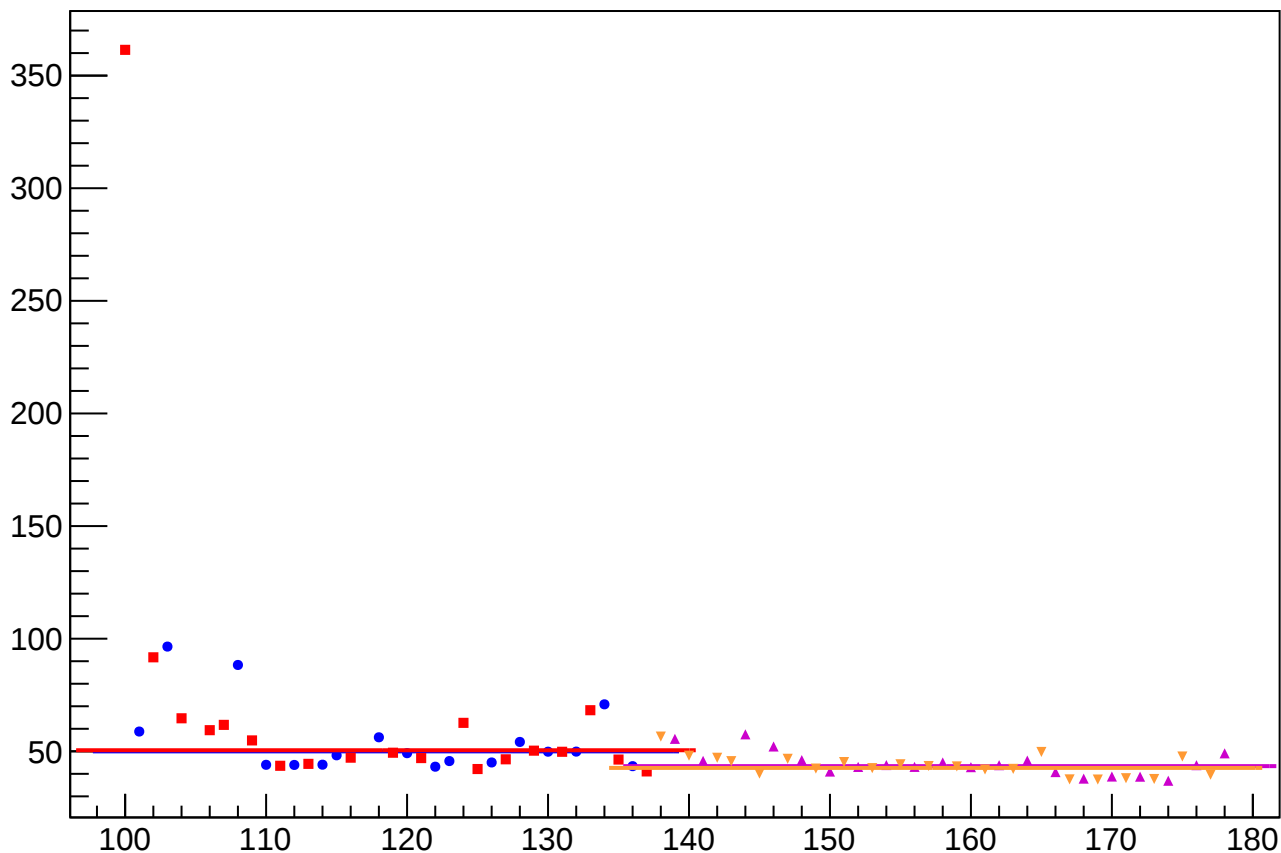
Right: 29.090 $\pm$ 13.970 χ^2 /NDF: 32.9/35

In: -19.000 $\pm$ 9.680 χ^2 /NDF:41.2/36

Out: -13.580 $\pm$ 9.436 χ^2 /NDF:76.1/39

All: -16.221 $\pm$ 6.757 χ^2 /NDF: 117.5/76

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: 42.629 $\pm$ 0.008 χ^2 /NDF: 304962.2/20

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 43.418 $\pm$ 0.008 χ^2 /NDF: 390550.0/19

Left: 43.012 $\pm$ 0.005 χ^2 /NDF: 700724.4/40

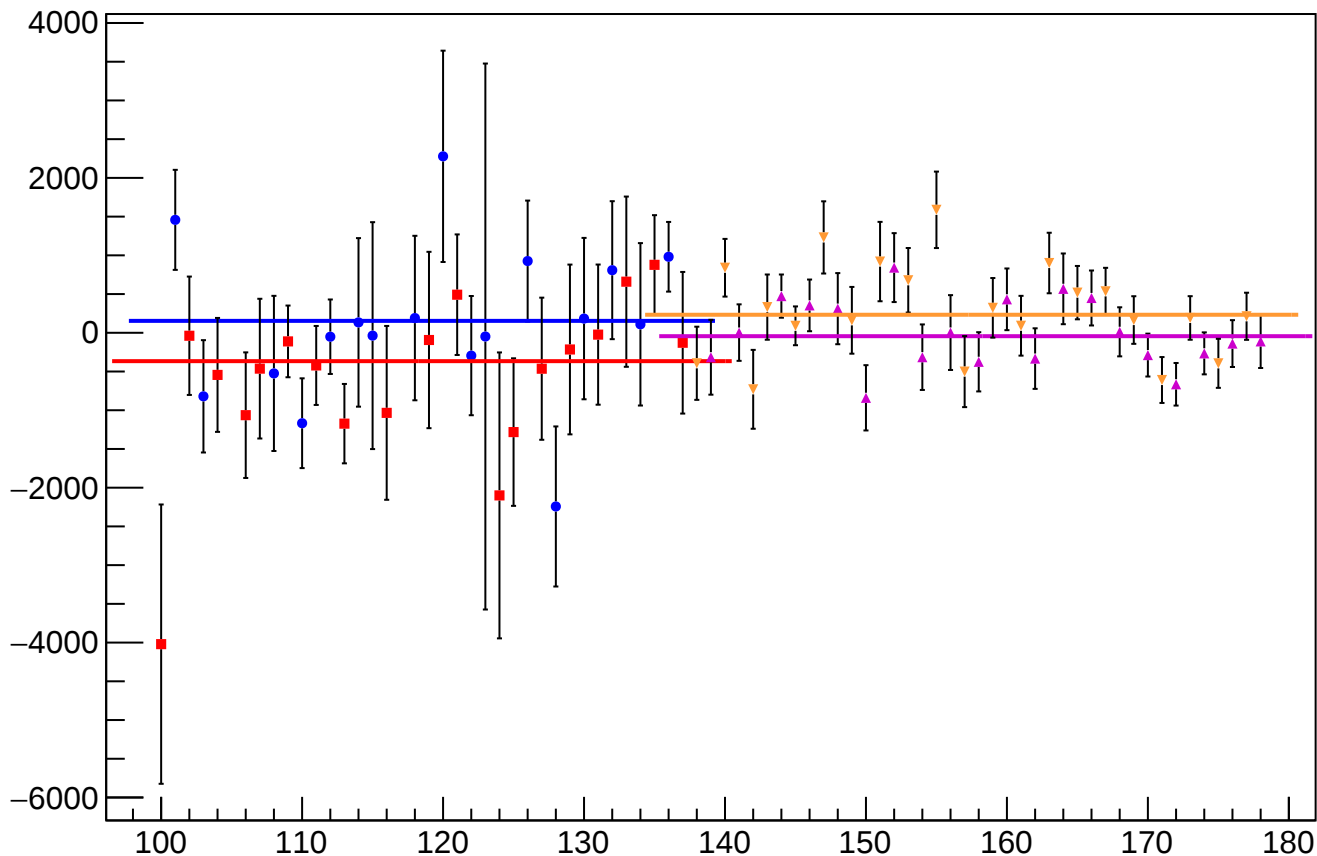
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 44.974 $\pm$ 0.007 χ^2 /NDF: 1135345.5/36

Out: 44.438 $\pm$ 0.007 χ^2 /NDF: 1121435.3/39

All: 44.699 $\pm$ 0.005 χ^2 /NDF: 2259922.7/76

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: 232.840 $\pm$ 78.994 χ^2 /NDF:42.9/20

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: -43.895 $\pm$ 78.897 χ^2 /NDF:26.9/19

Left: 94.302 $\pm$ 55.823 χ^2 /NDF: 76.0/40

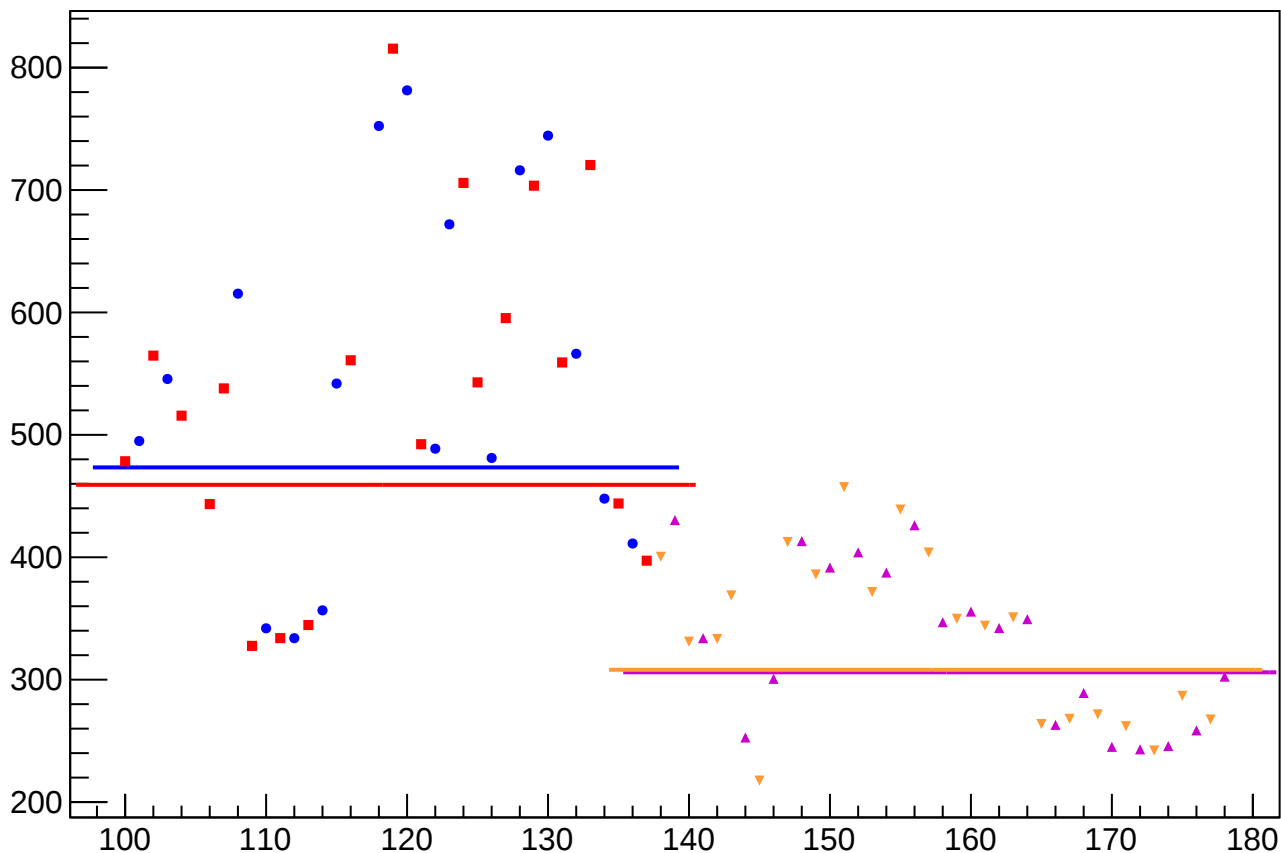
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: -14.804 $\pm$ 72.862 χ^2 /NDF:52.6/36

Out: 135.096 $\pm$ 72.263 χ^2 /NDF:68.5/39

All: 60.765 $\pm$ 51.308 χ^2 /NDF: 123.2/76

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: 308.087 $\pm$ 0.056 χ^2 /NDF:1365107.7/20

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 306.009 $\pm$ 0.056 χ^2 /NDF:1177953.4/19

Left: 307.047 $\pm$ 0.039 χ^2 /NDF: 2543754.3/40

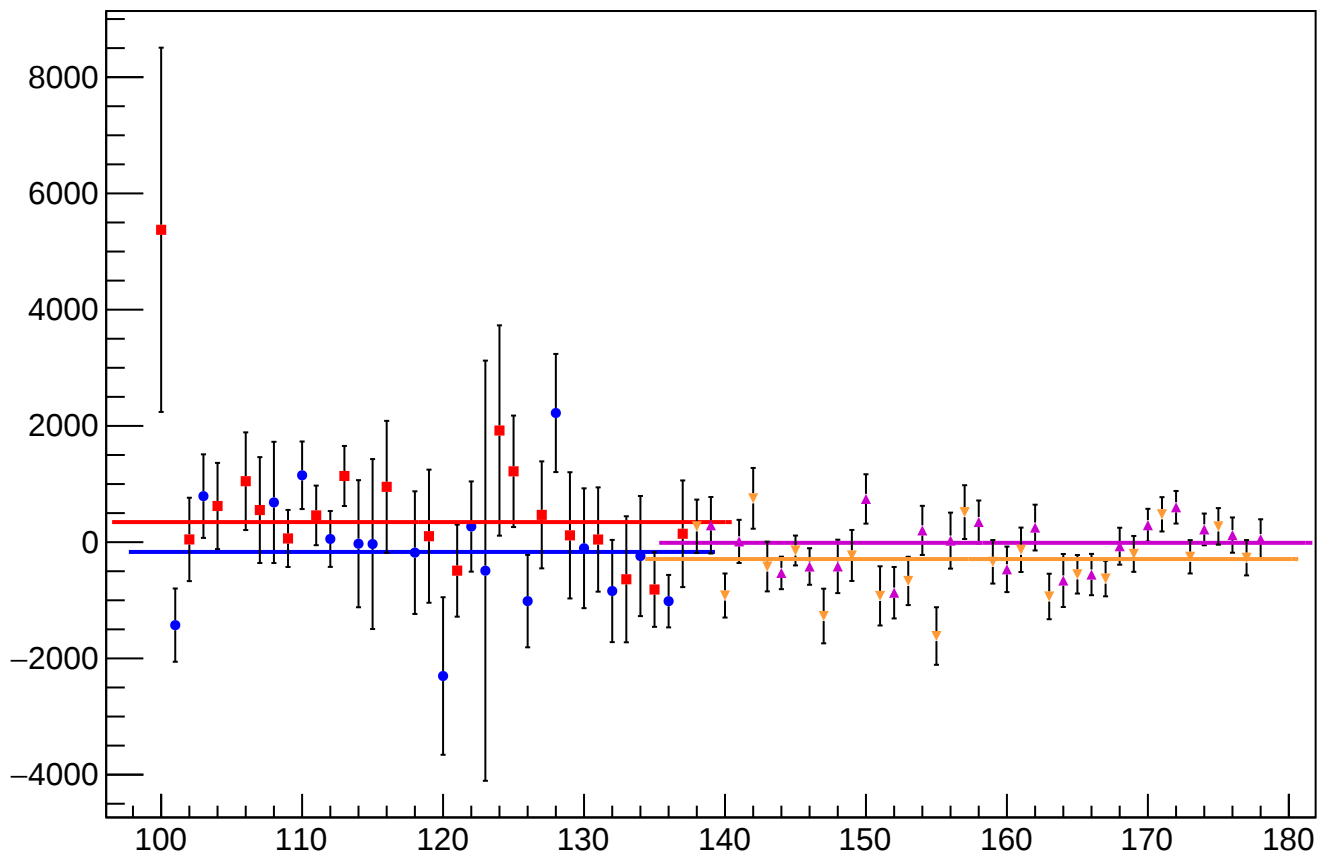
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 330.636 $\pm$ 0.052 χ^2 /NDF:3417463.0/36

Out: 332.738 $\pm$ 0.051 χ^2 /NDF:3565329.2/39

All: 331.695 $\pm$ 0.036 χ^2 /NDF: 6983630.8/76

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -290.451+/-79.178 χ^2/NDF :40.4/20

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -11.279+/-78.832 χ^2/NDF :27.5/19

Left: -150.253+/-55.864 χ^2/NDF : 74.2/40

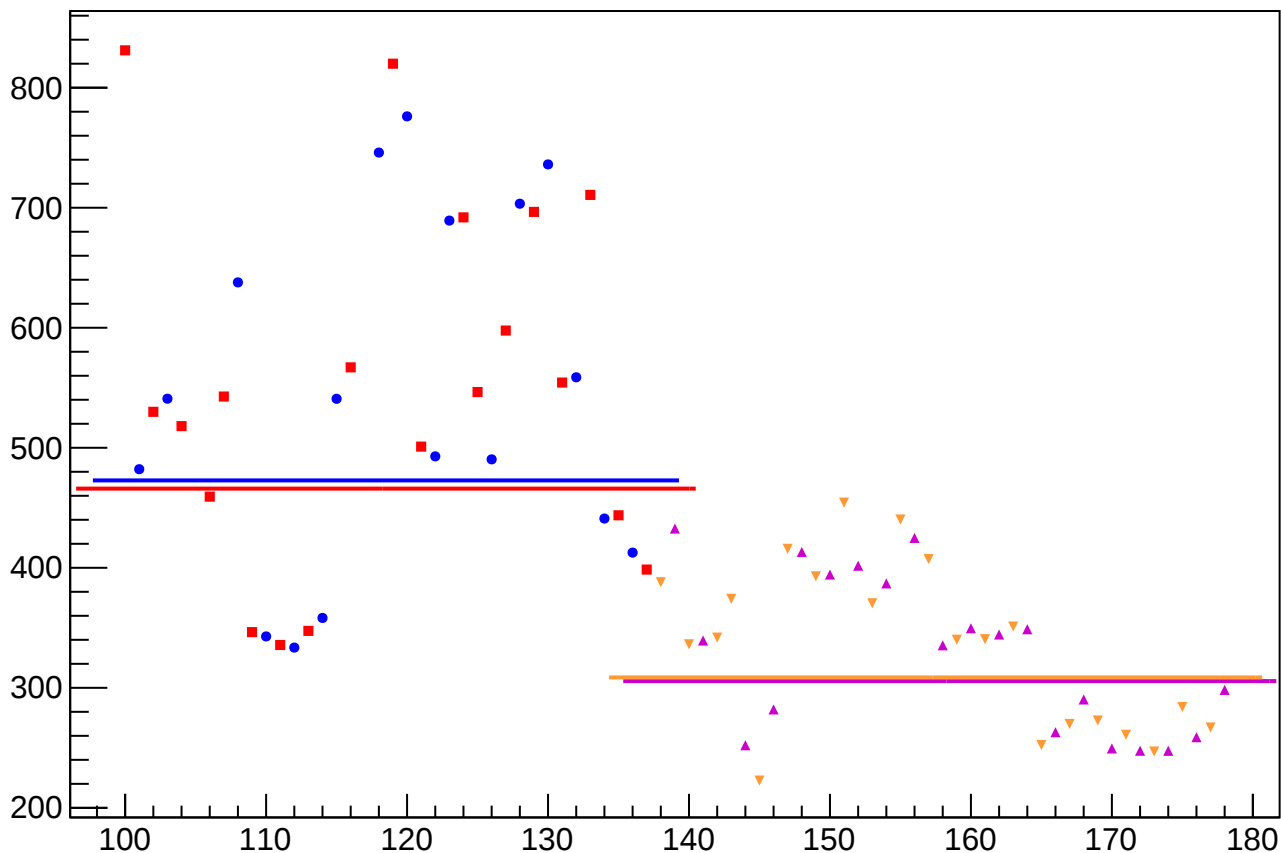
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -34.353+/-72.800 χ^2/NDF :53.5/36

Out: -188.547+/-72.557 χ^2/NDF :64.5/39

All: -111.707+/-51.391 χ^2/NDF : 120.2/76

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: 308.651 $\pm$ 0.056 χ^2 /NDF:1330024.8/20

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 305.607 $\pm$ 0.056 χ^2 /NDF:1139449.8/19

Left: 307.122 $\pm$ 0.040 χ^2 /NDF: 2470958.7/40

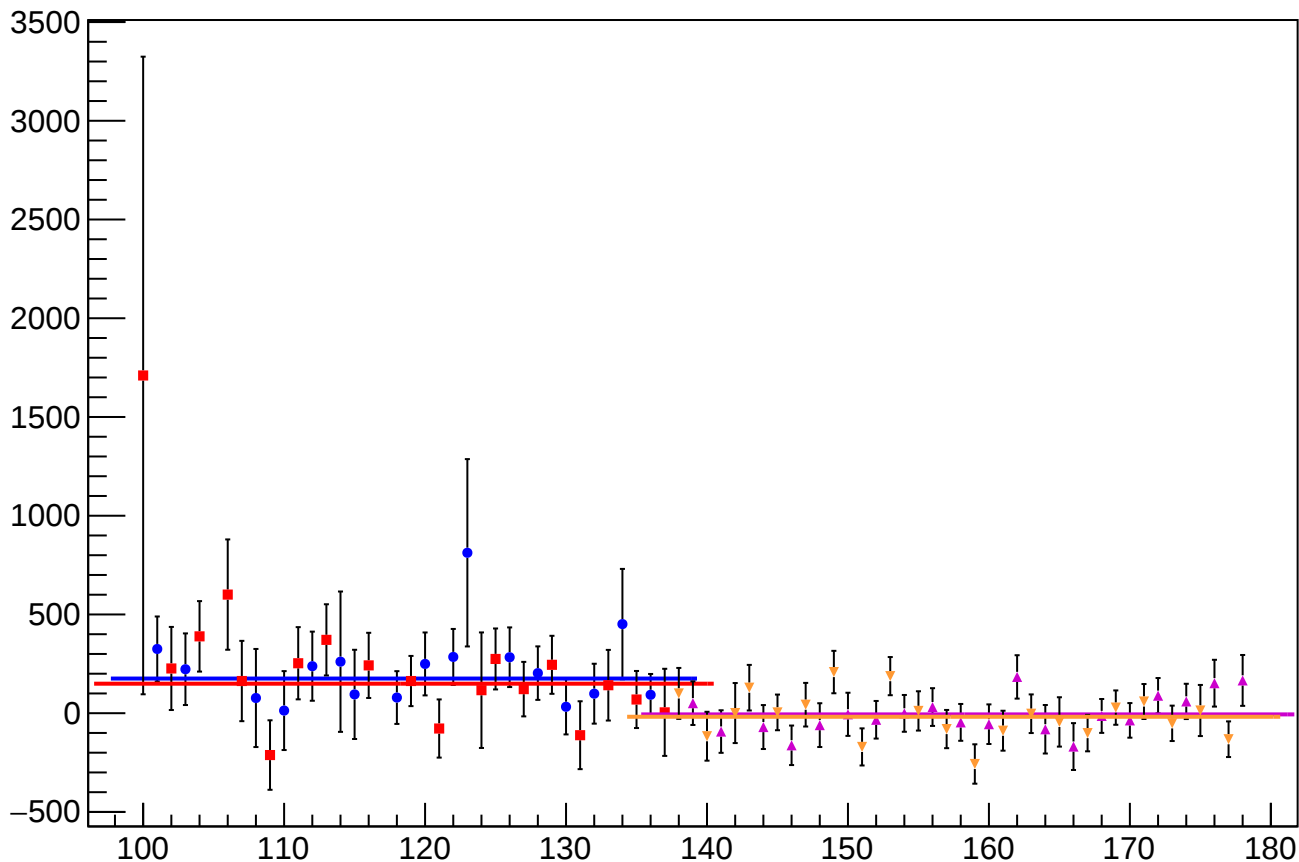
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 330.218 $\pm$ 0.051 χ^2 /NDF:3360234.7/36

Out: 333.863 $\pm$ 0.051 χ^2 /NDF:3537543.1/39

All: 332.046 $\pm$ 0.036 χ^2 /NDF: 6900292.9/76

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: -18.040 $\pm$ 22.283 χ^2 /NDF:25.5/20

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -6.071 $\pm$ 22.754 χ^2 /NDF:15.2/19

Left: -12.180 $\pm$ 15.920 χ^2 /NDF: 40.9/40

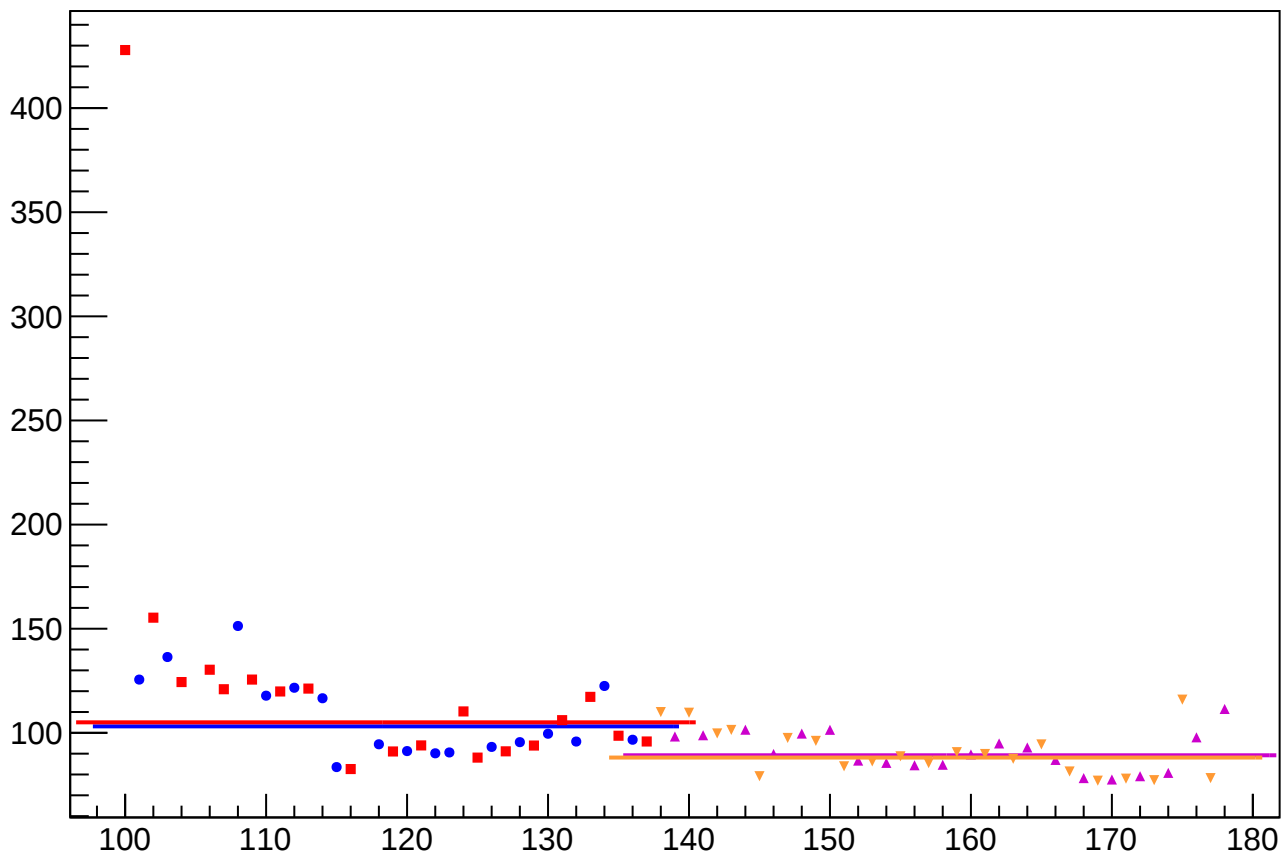
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 37.715 $\pm$ 19.821 χ^2 /NDF:39.1/36

Out: 21.142 $\pm$ 19.503 χ^2 /NDF:57.2/39

All: 29.295 $\pm$ 13.902 χ^2 /NDF: 96.7/76

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: 88.132 $\pm$ 0.016 χ^2 /NDF: 429483.8/20

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 89.221 $\pm$ 0.016 χ^2 /NDF: 299951.7/19

Left: 88.665 $\pm$ 0.011 χ^2 /NDF: 731772.3/40

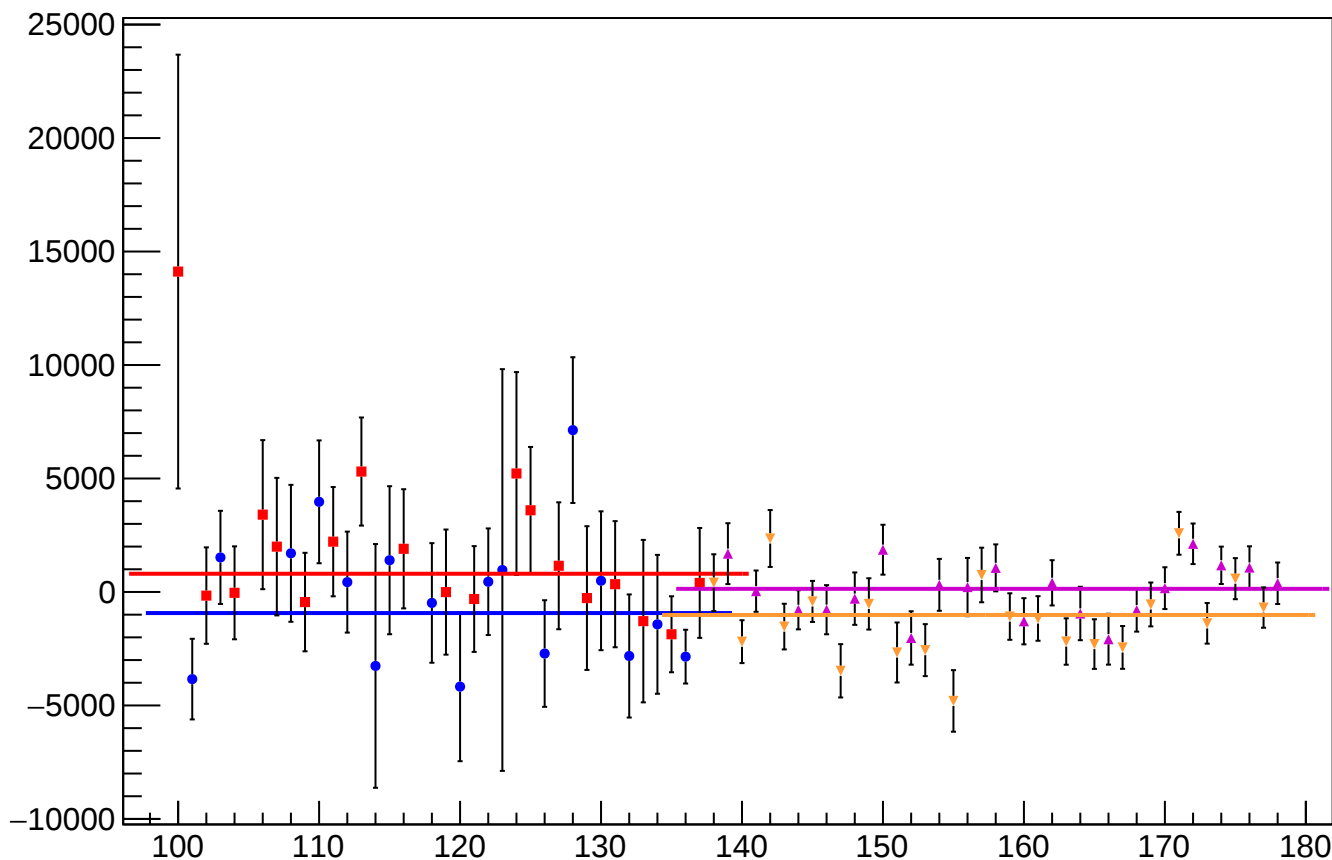
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 92.571 $\pm$ 0.014 χ^2 /NDF: 786187.6/36

Out: 92.090 $\pm$ 0.014 χ^2 /NDF: 1147771.6/39

All: 92.327 $\pm$ 0.010 χ^2 /NDF: 1934559.6/76

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: -1013.295+/-226.354 χ^2/NDF :51.9/20

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: 137.924+/-226.934 χ^2/NDF :25.4/19

Left: -439.159+/-160.261 χ^2/NDF : 90.2/40

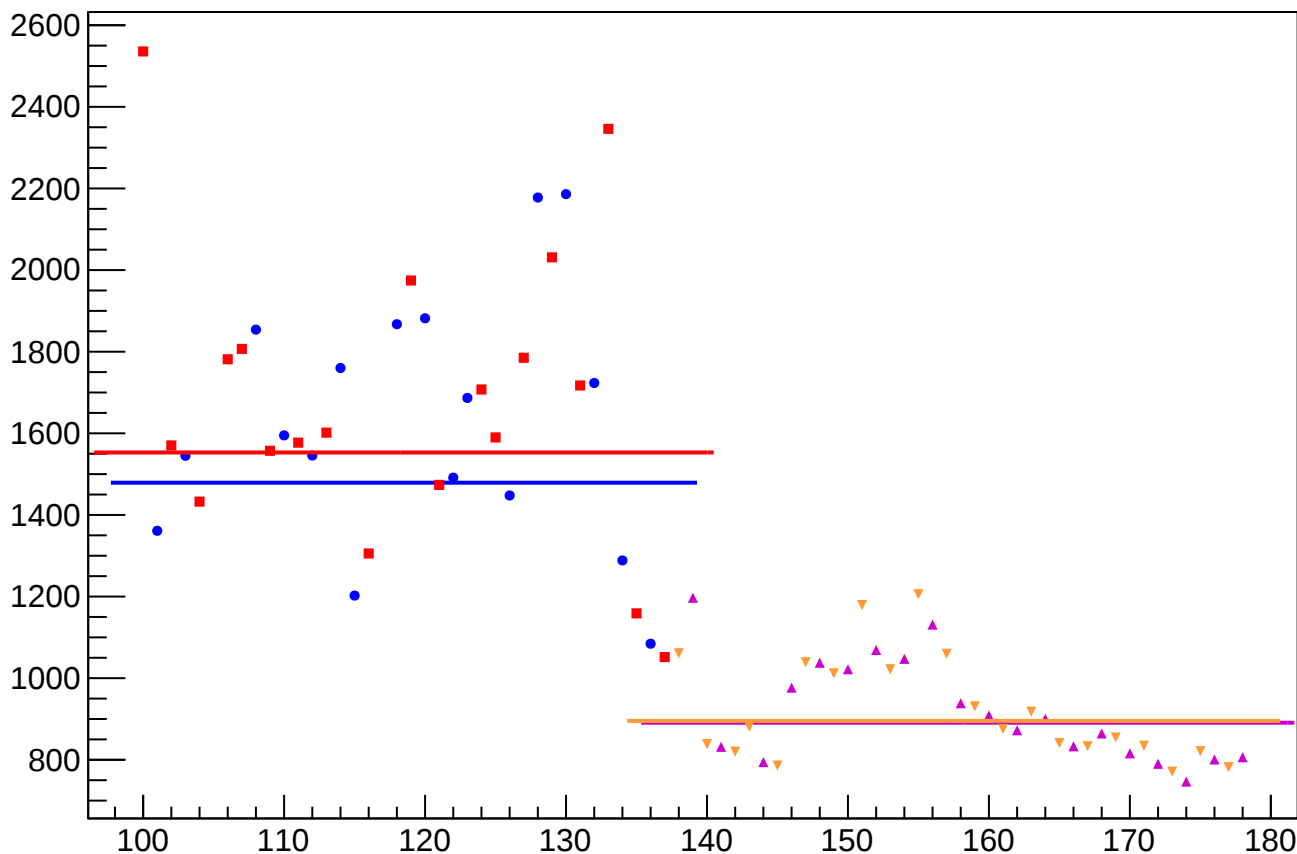
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -0.807+/-211.665 χ^2/NDF :49.1/36

Out: -782.881+/-211.508 χ^2/NDF :72.9/39

All: -392.135+/-149.614 χ^2/NDF : 128.9/76

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 895.391 $\pm$ 0.160 χ^2 /NDF: 503346.3/20

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 890.859 $\pm$ 0.160 χ^2 /NDF: 512977.3/19

Left: 893.131 $\pm$ 0.113 χ^2 /NDF: 1016723.4/40

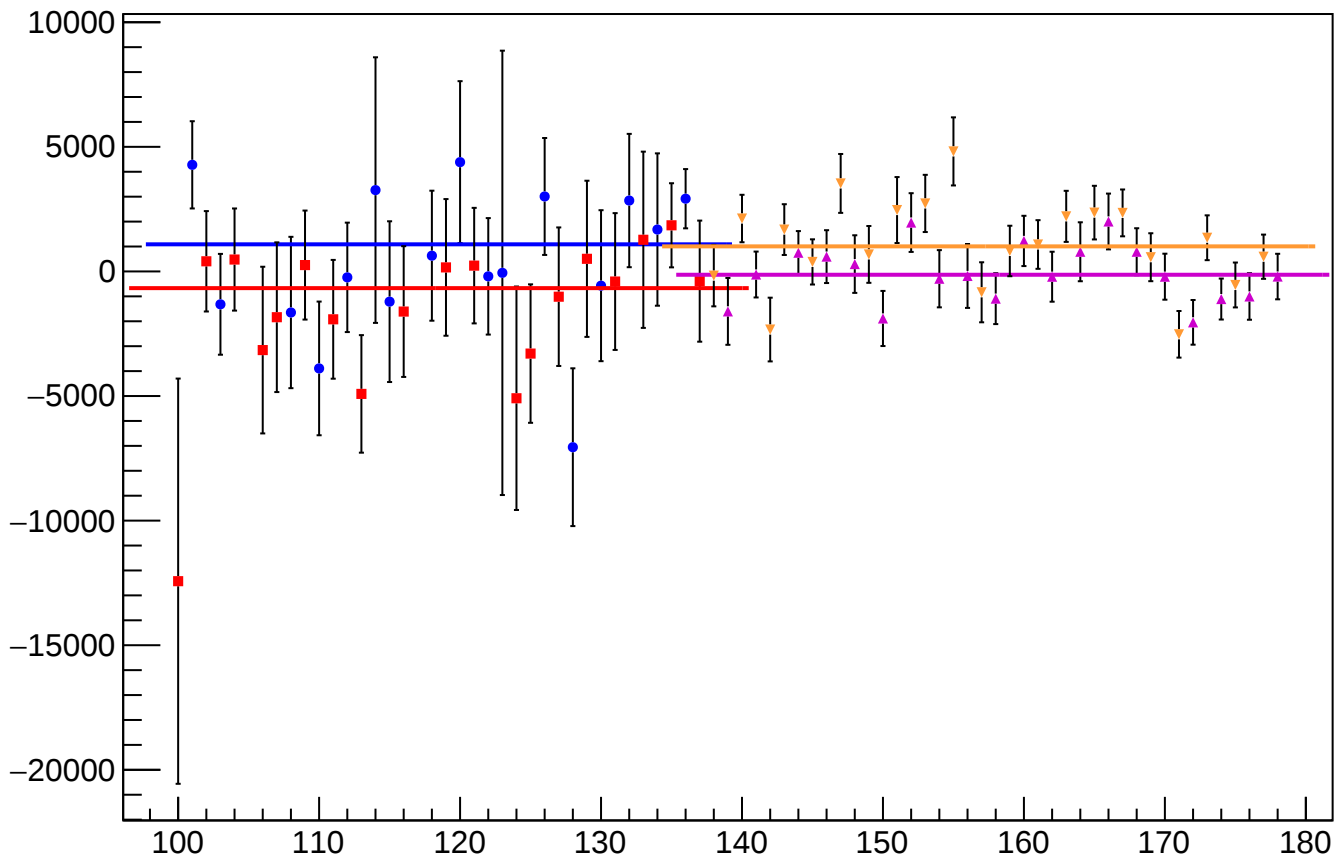
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 967.339 $\pm$ 0.150 χ^2 /NDF: 2849427.7/36

Out: 978.831 $\pm$ 0.150 χ^2 /NDF: 3129268.7/39

All: 973.089 $\pm$ 0.106 χ^2 /NDF: 5981646.4/76

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: 1005.846 $\pm$ 226.297 χ^2 /NDF: 51.1/20

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: -133.258 $\pm$ 226.923 χ^2 /NDF: 23.3/19

Left: 437.868 $\pm$ 160.237 χ^2 /NDF: 87.0/40

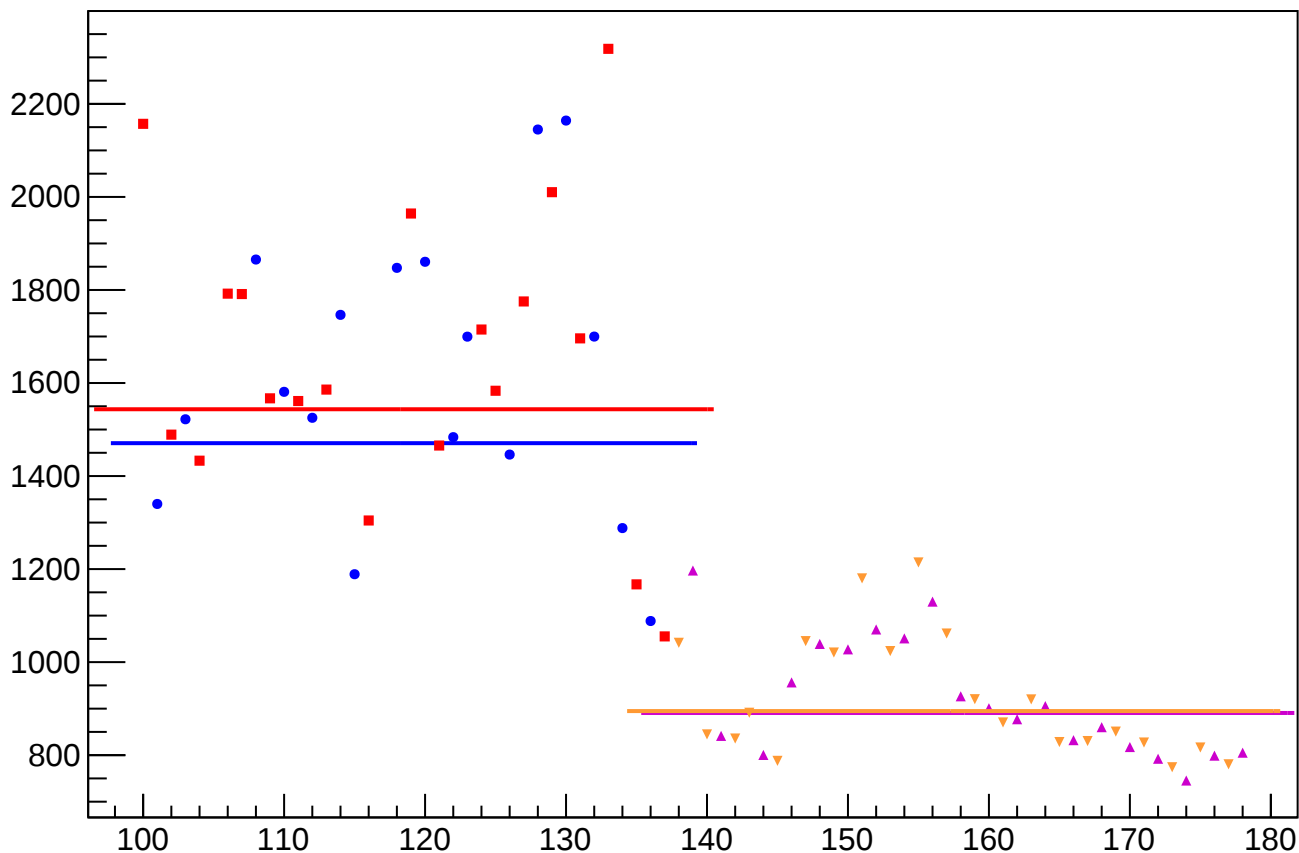
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 27.265 $\pm$ 211.485 χ^2 /NDF: 48.9/36

Out: 790.895 $\pm$ 211.288 χ^2 /NDF: 70.1/39

All: 409.435 $\pm$ 149.473 χ^2 /NDF: 125.6/76

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 894.769 $\pm$ 0.160 χ^2 /NDF: 508440.9/20

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 890.722 $\pm$ 0.160 χ^2 /NDF: 504665.3/19

Left: 892.751 $\pm$ 0.113 χ^2 /NDF: 1013425.2/40

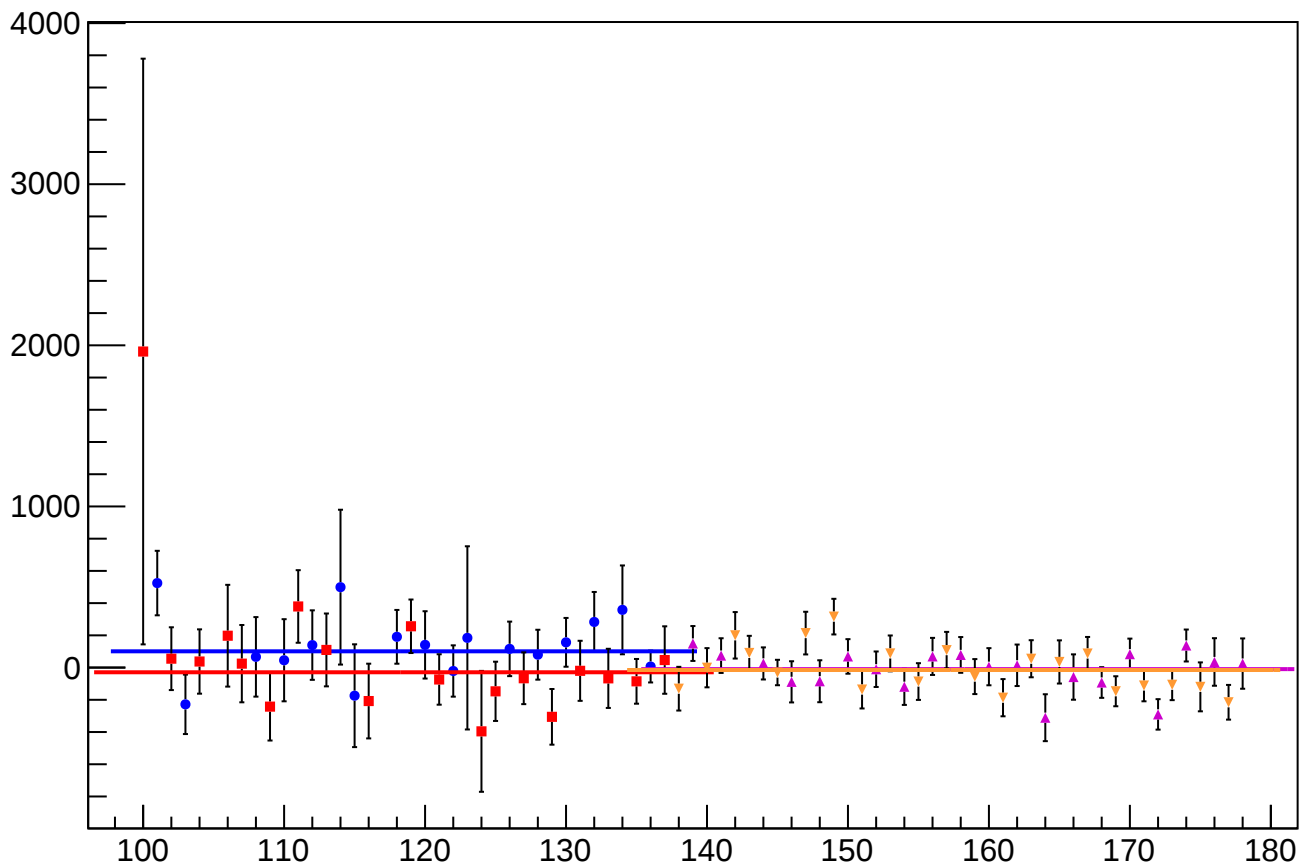
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 966.953 $\pm$ 0.150 χ^2 /NDF: 2789520.6/36

Out: 977.981 $\pm$ 0.149 χ^2 /NDF: 3071217.2/39

All: 972.472 $\pm$ 0.106 χ^2 /NDF: 5863459.4/76

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: -15.099 ± 24.177 $\chi^2/\text{NDF}: 31.2/20$

Right Out: -29.152 ± 45.695 $\chi^2/\text{NDF}: 14.7/18$

Left In: -9.586 ± 25.407 $\chi^2/\text{NDF}: 23.5/19$

Left: -12.479 ± 17.514 $\chi^2/\text{NDF}: 54.7/40$

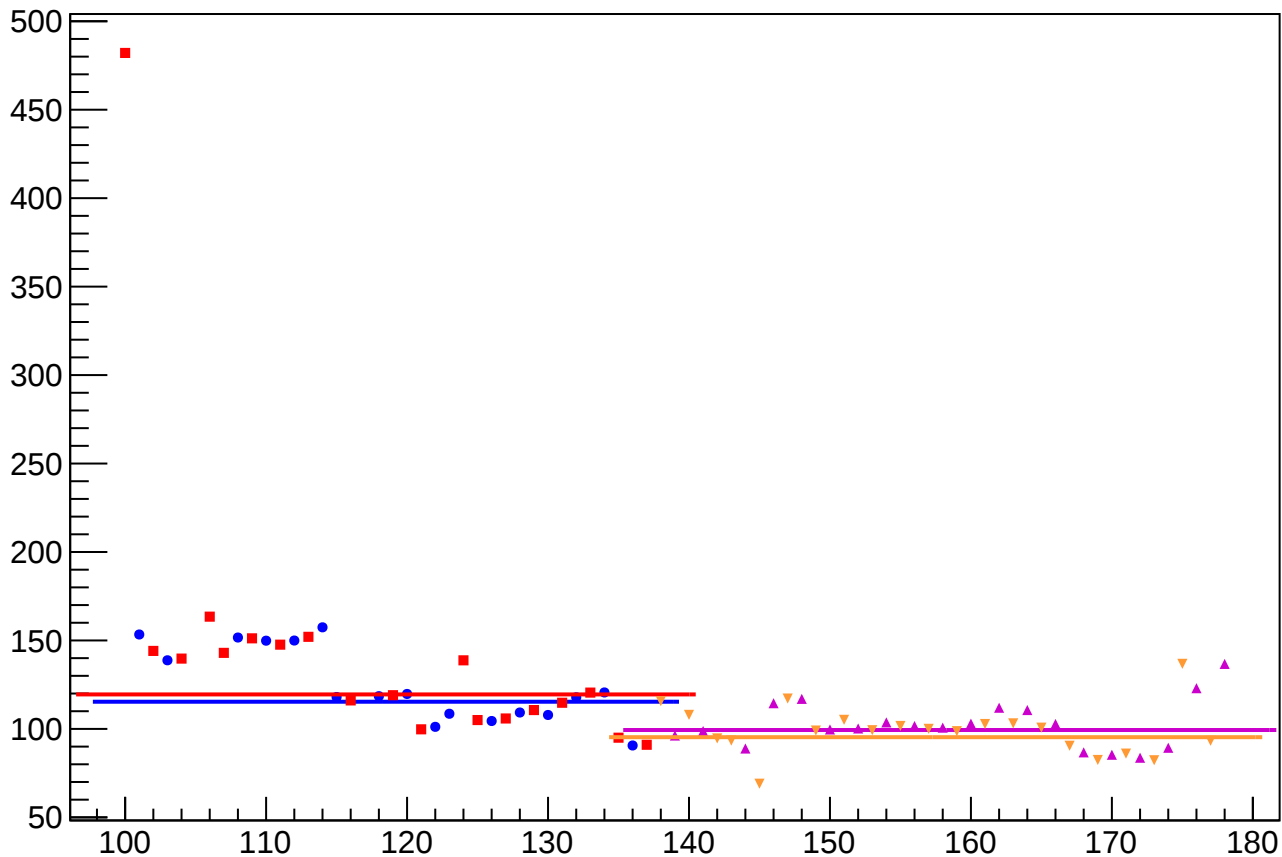
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 16.872 ± 22.158 $\chi^2/\text{NDF}: 41.1/36$

Out: -18.173 ± 21.370 $\chi^2/\text{NDF}: 45.9/39$

All: -1.284 ± 15.382 $\chi^2/\text{NDF}: 88.3/76$

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: 95.318 $\pm$ 0.017 χ^2/NDF : 642678.5/20

Right Out: 119.492 $\pm$ 0.032 χ^2/NDF : 477965.0/18

Left In: 99.378 $\pm$ 0.018 χ^2/NDF : 445253.0/19

Left: 97.248 $\pm$ 0.012 χ^2/NDF : 1114732.1/40

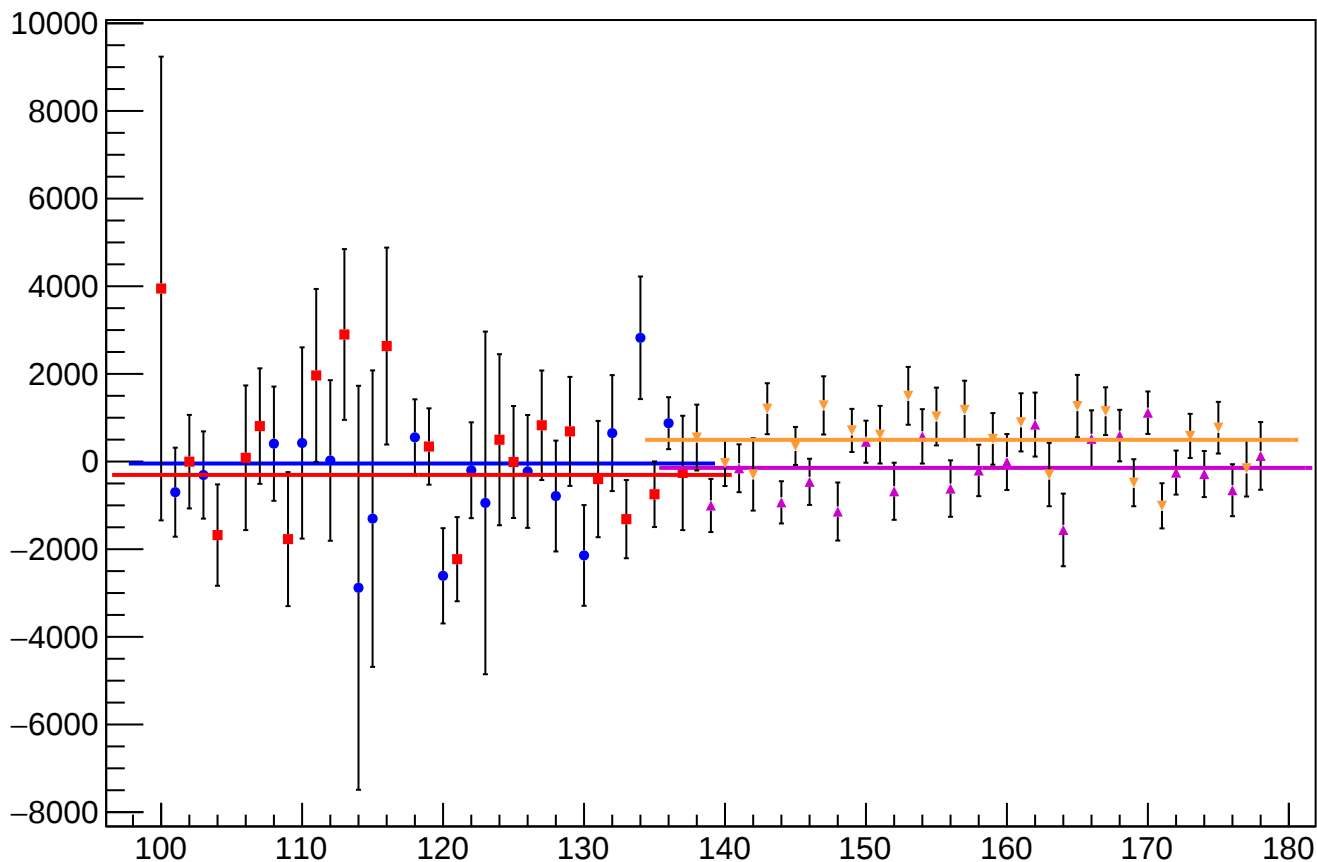
Right: 117.411 $\pm$ 0.023 χ^2/NDF : 897552.7/35

In: 103.206 $\pm$ 0.016 χ^2/NDF : 1046234.1/36

Out: 100.605 $\pm$ 0.015 χ^2/NDF : 1557948.2/39

All: 101.859 $\pm$ 0.011 χ^2/NDF : 2618460.4/76

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: 495.757 $\pm$ 129.496 χ^2/NDF : 26.5/20

Right Out: -304.797 $\pm$ 282.708 χ^2/NDF : 17.4/18

Left In: -144.589 $\pm$ 130.981 χ^2/NDF : 26.5/19

Left: 179.235 $\pm$ 92.088 χ^2/NDF : 65.1/40

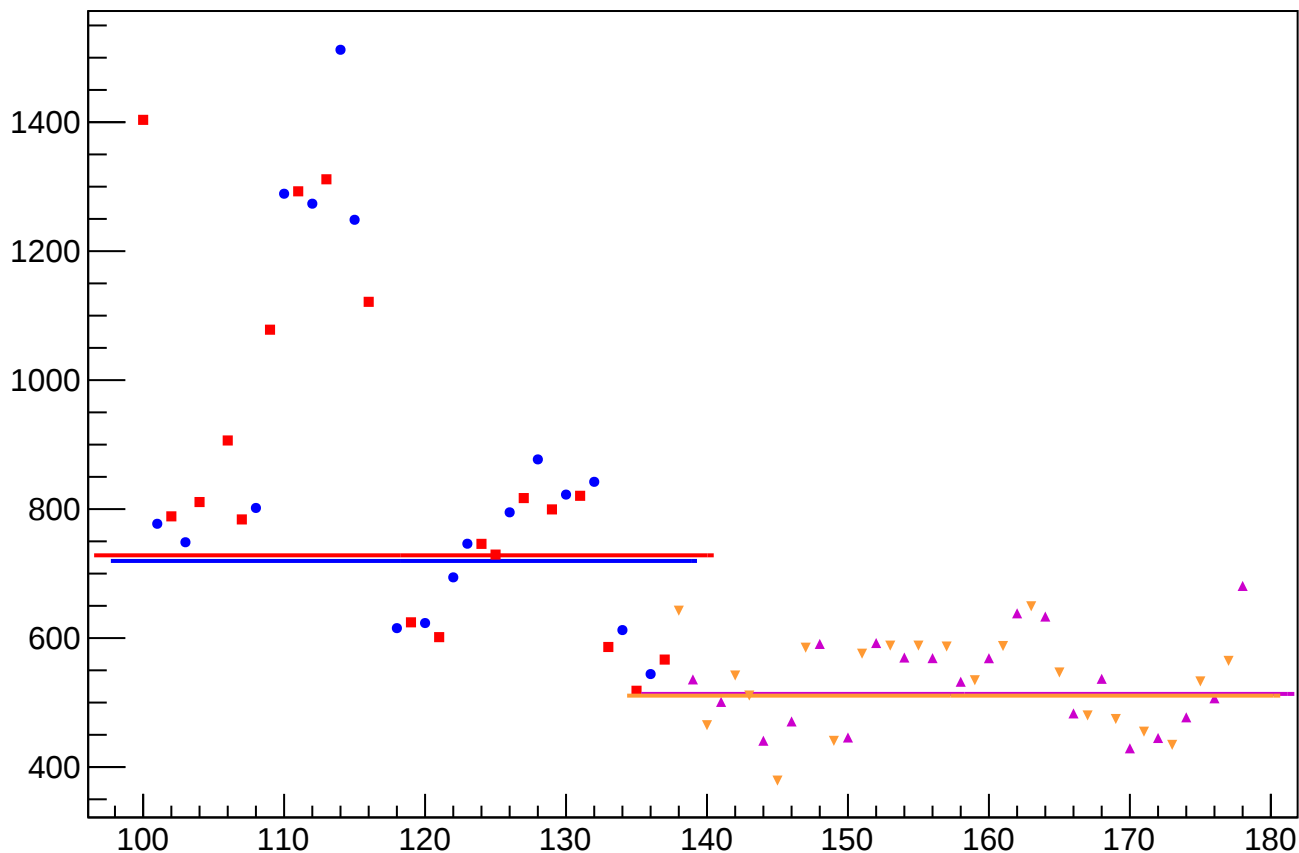
Right: -176.310 $\pm$ 201.157 χ^2/NDF : 35.7/35

In: -127.273 $\pm$ 119.107 χ^2/NDF : 44.5/36

Out: 356.919 $\pm$ 117.733 χ^2/NDF : 50.6/39

All: 117.632 $\pm$ 83.731 χ^2/NDF : 103.5/76

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: 510.736 $\pm$ 0.092 χ^2 /NDF: 641657.2/20

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 513.415 $\pm$ 0.093 χ^2 /NDF: 516779.9/19

Left: 512.060 $\pm$ 0.065 χ^2 /NDF: 1158860.0/40

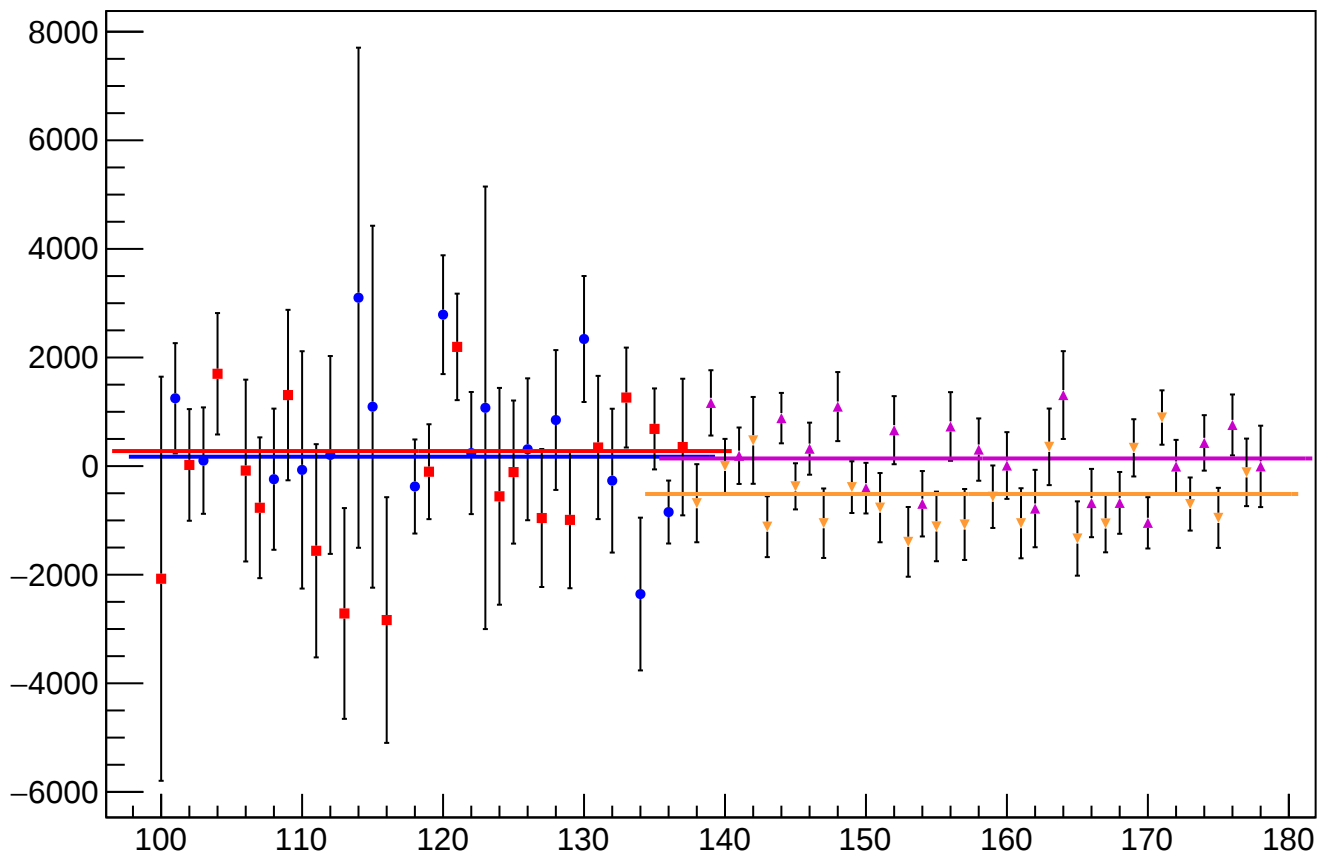
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 549.105 $\pm$ 0.084 χ^2 /NDF: 2121621.4/36

Out: 548.473 $\pm$ 0.083 χ^2 /NDF: 2534658.0/39

All: 548.785 $\pm$ 0.059 χ^2 /NDF: 4656307.9/76

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: -513.570 $\pm$ 125.471 χ^2 /NDF:24.7/20

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 140.731 $\pm$ 126.439 χ^2 /NDF:28.3/19

Left: -188.935 $\pm$ 89.062 χ^2 /NDF: 66.6/40

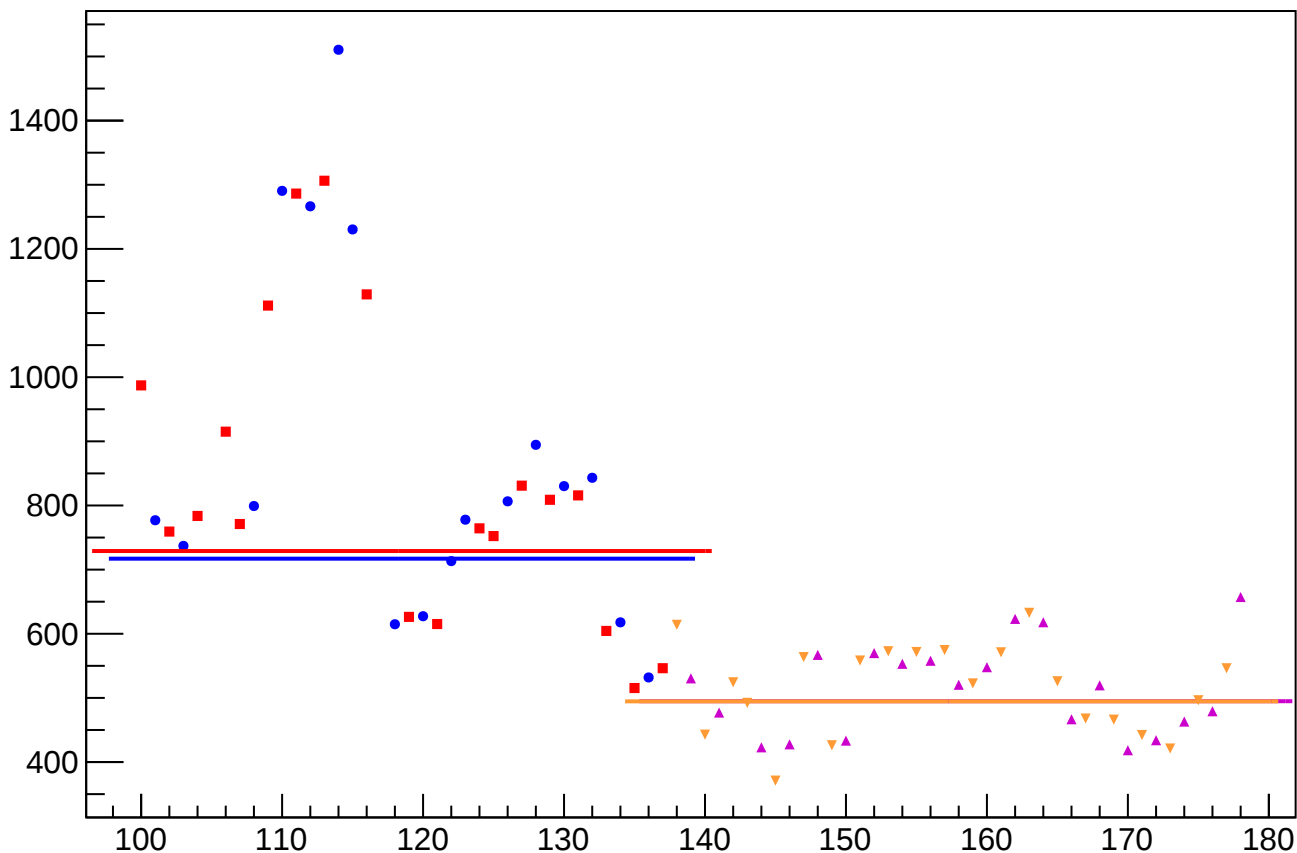
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 146.047 $\pm$ 115.621 χ^2 /NDF:46.4/36

Out: -383.463 $\pm$ 114.684 χ^2 /NDF:47.3/39

All: -120.861 $\pm$ 81.423 χ^2 /NDF: 104.3/76

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 494.632+/-0.089 χ^2/NDF : 627267.2/20

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 494.860+/-0.089 χ^2/NDF : 548650.2/19

Left: 494.745+/-0.063 χ^2/NDF : 1175920.6/40

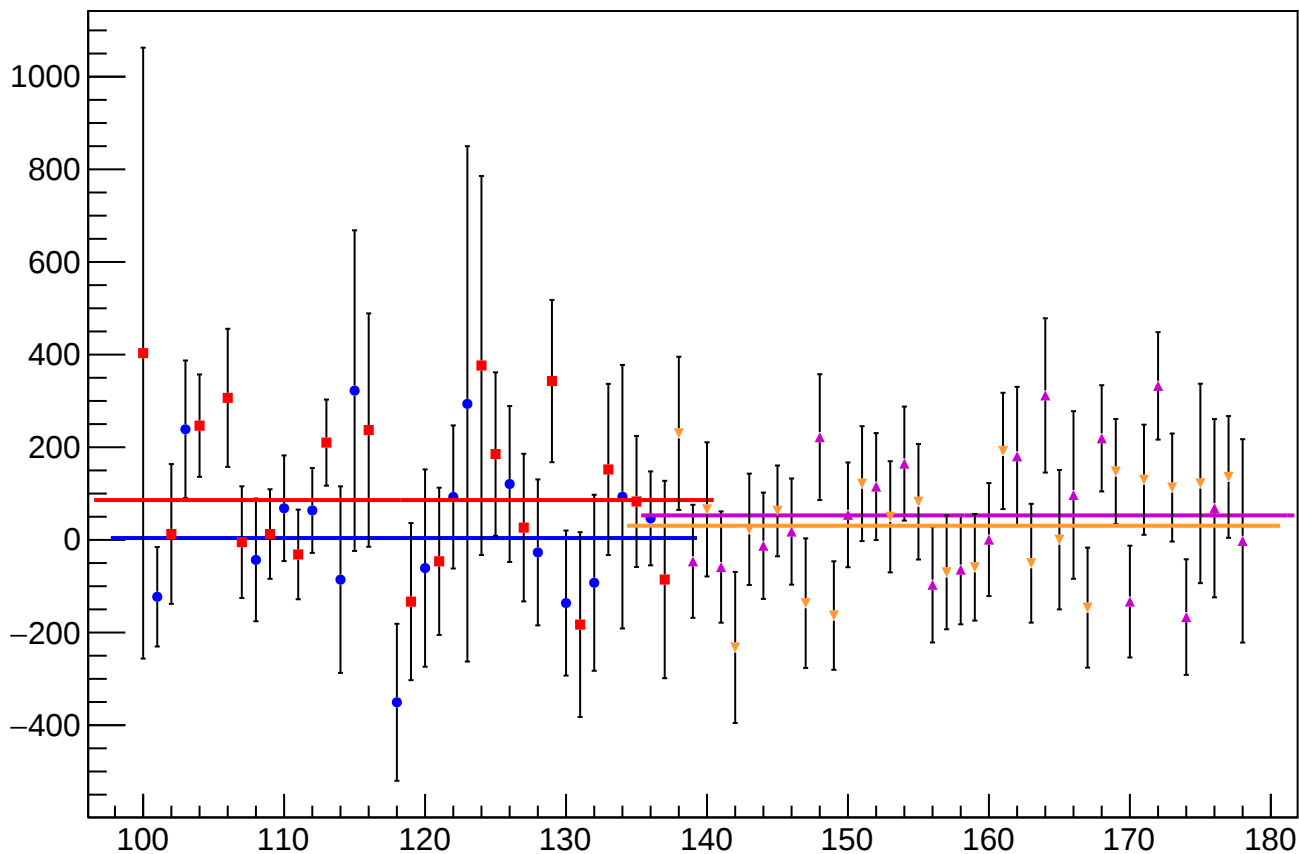
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 531.262+/-0.082 χ^2/NDF : 2343090.5/36

Out: 533.194+/-0.081 χ^2/NDF : 2666091.1/39

All: 532.236+/-0.058 χ^2/NDF : 5009463.0/76

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: 30.606 ± 27.853 χ^2/NDF : 17.4/20

Right Out: 86.020 ± 33.370 χ^2/NDF : 17.6/18

Left In: 52.878 ± 28.779 χ^2/NDF : 23.9/19

Left: 41.377 ± 20.014 χ^2/NDF : 41.6/40

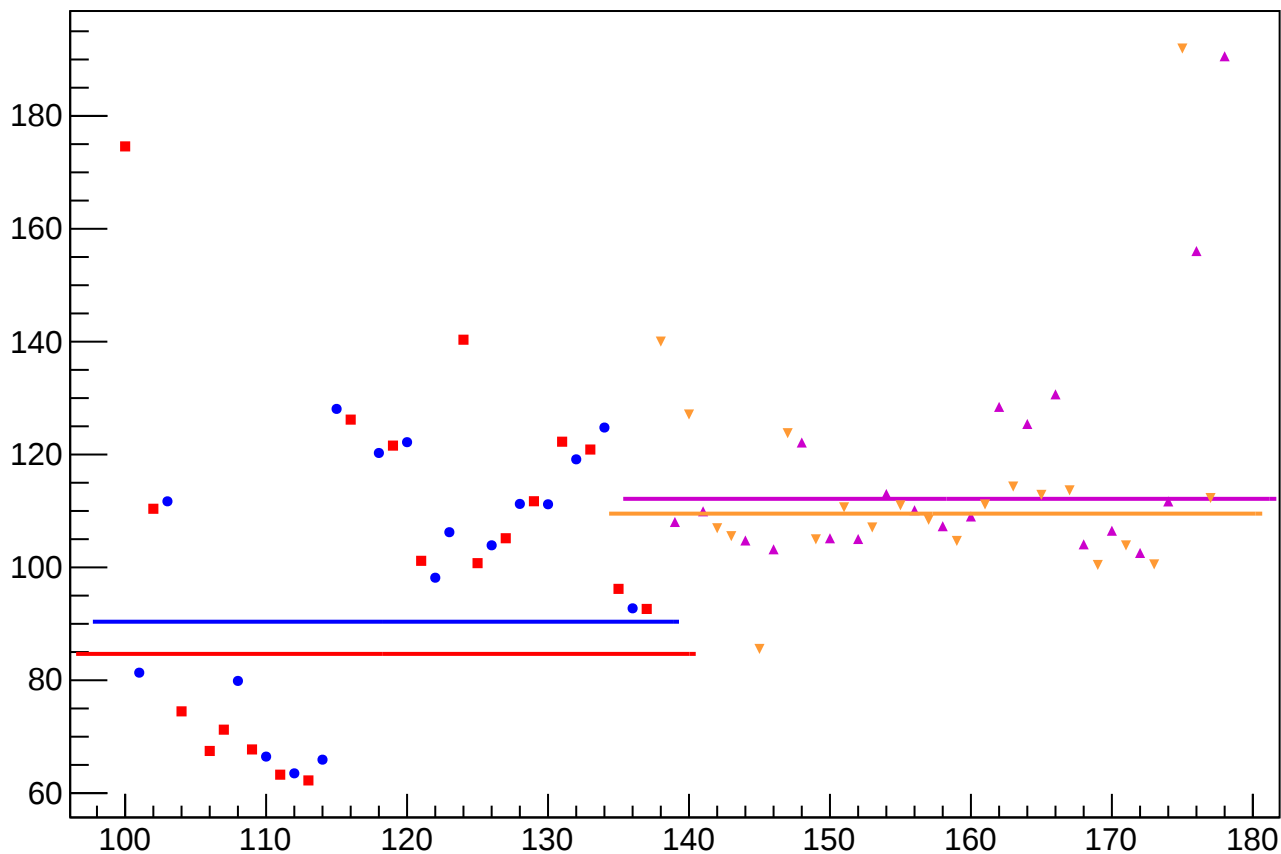
Right: 48.064 ± 24.458 χ^2/NDF : 33.1/35

In: 33.792 ± 22.467 χ^2/NDF : 37.7/36

Out: 53.359 ± 21.383 χ^2/NDF : 36.7/39

All: 44.059 ± 15.489 χ^2/NDF : 74.8/76

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 109.527 $\pm$ 0.020 χ^2 /NDF: 577932.6/20

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 112.149 $\pm$ 0.020 χ^2 /NDF: 499304.7/19

Left: 110.795 $\pm$ 0.014 χ^2 /NDF: 1085811.0/40

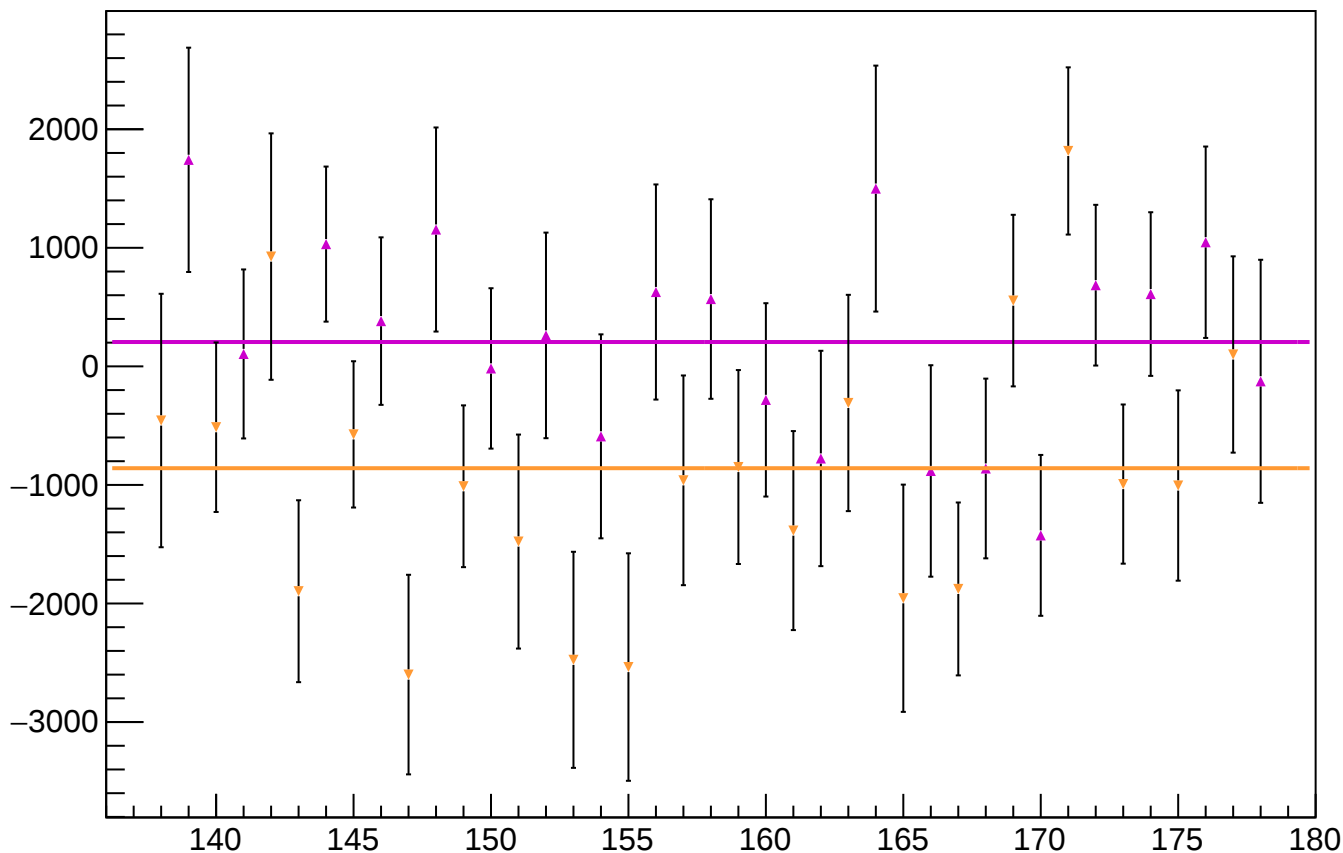
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 103.645 $\pm$ 0.016 χ^2 /NDF: 1600562.6/36

Out: 99.321 $\pm$ 0.015 χ^2 /NDF: 2139946.3/39

All: 101.376 $\pm$ 0.011 χ^2 /NDF: 3779369.7/76

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -858.947 ± 174.934 $\chi^2/\text{NDF}: 40.0/20$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 205.389 ± 177.187 $\chi^2/\text{NDF}: 21.3/19$

Left: -333.588 ± 124.486 $\chi^2/\text{NDF}: 79.6/40$

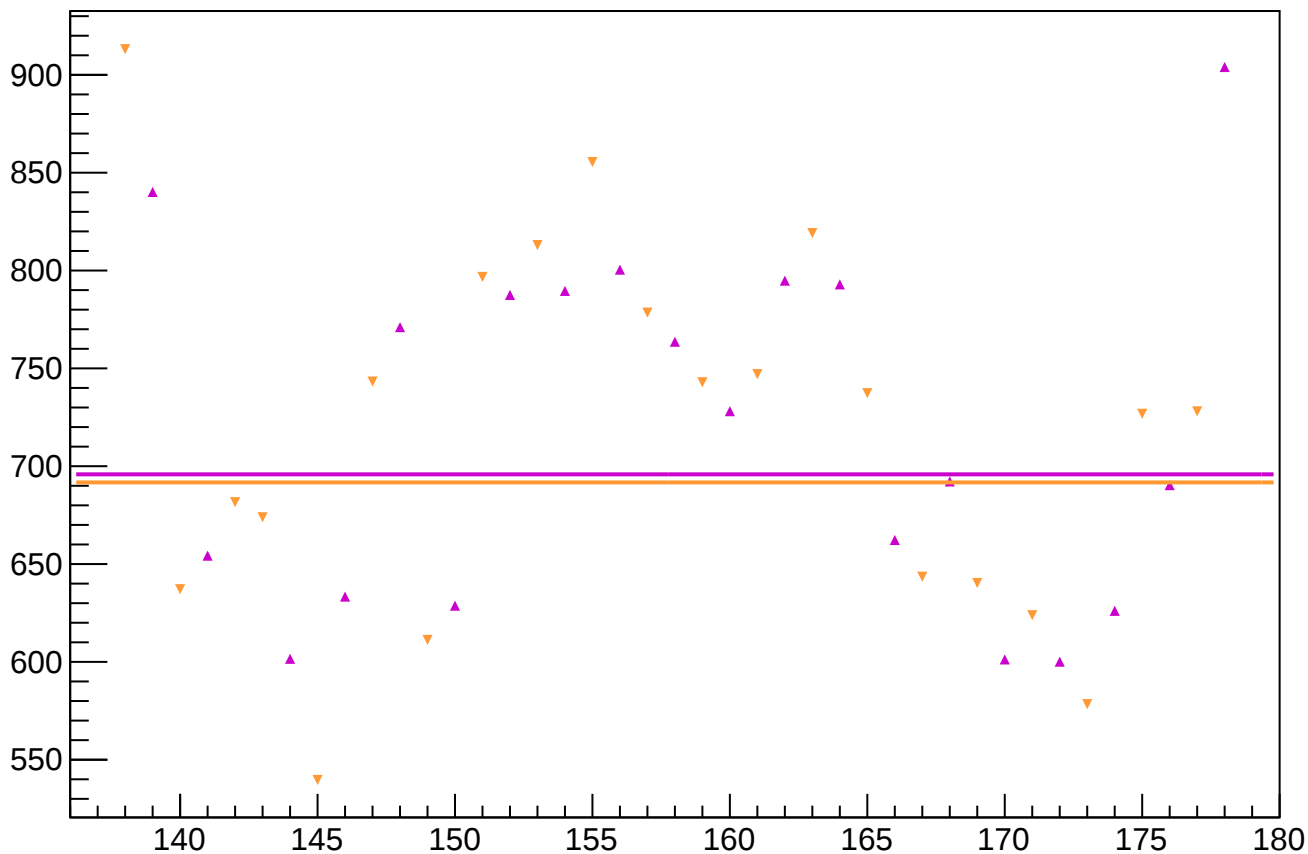
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 205.389 ± 177.187 $\chi^2/\text{NDF}: 21.3/19$

Out: -858.947 ± 174.934 $\chi^2/\text{NDF}: 40.0/20$

All: -333.588 ± 124.486 $\chi^2/\text{NDF}: 79.6/40$

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 691.723+/-0.124 χ^2/NDF : 557623.7/20

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

Left In: 695.844+/-0.125 χ^2/NDF : 460264.0/19

Left: 693.757+/-0.088 χ^2/NDF : 1018435.7/40

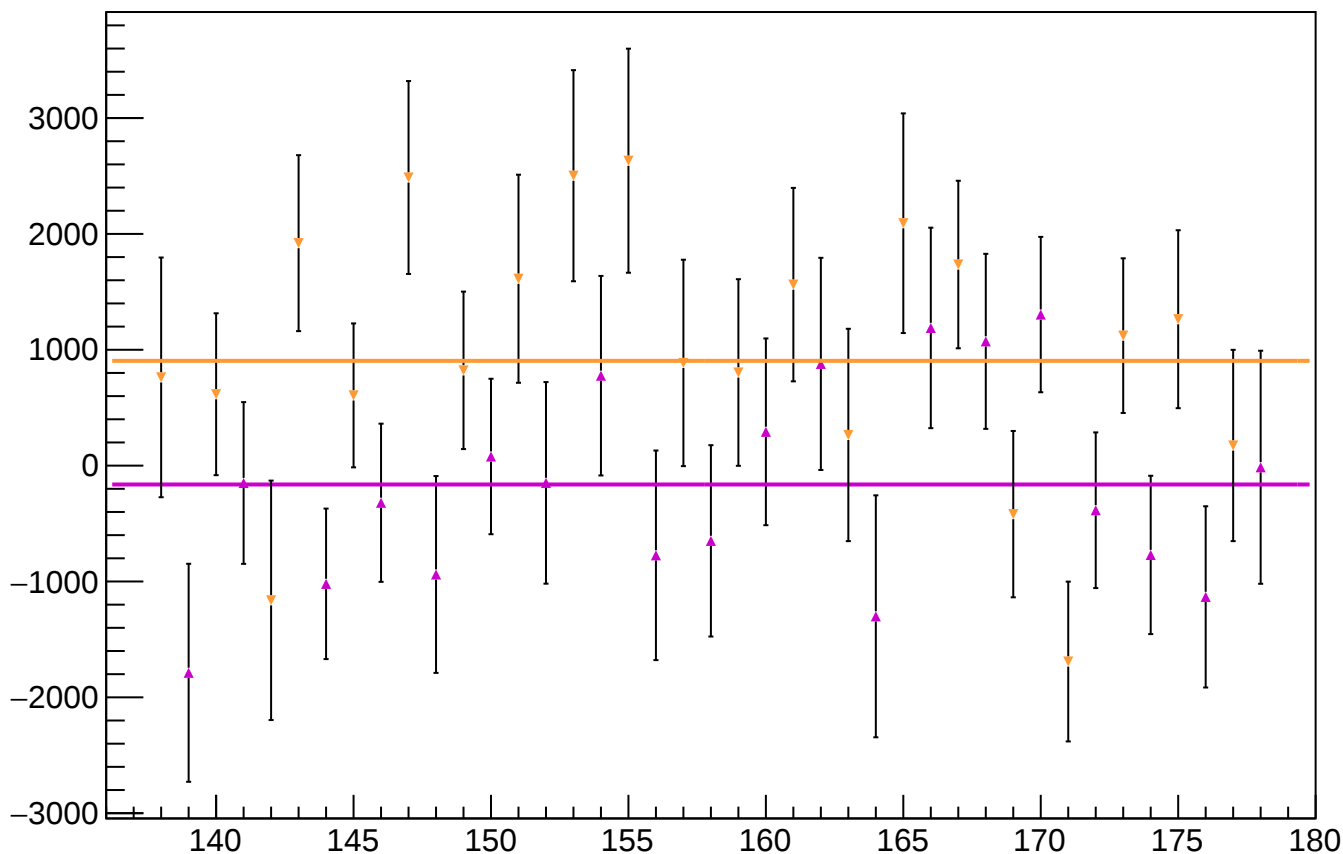
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 695.844+/-0.125 χ^2/NDF : 460264.0/19

Out: 691.723+/-0.124 χ^2/NDF : 557623.7/20

All: 693.757+/-0.088 χ^2/NDF : 1018435.7/40

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 904.498+/-173.370 χ^2/NDF :39.4/20

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

Left In: -162.782+/-175.122 χ^2/NDF :22.9/19

Left: 376.222+/-123.206 χ^2/NDF : 81.1/40

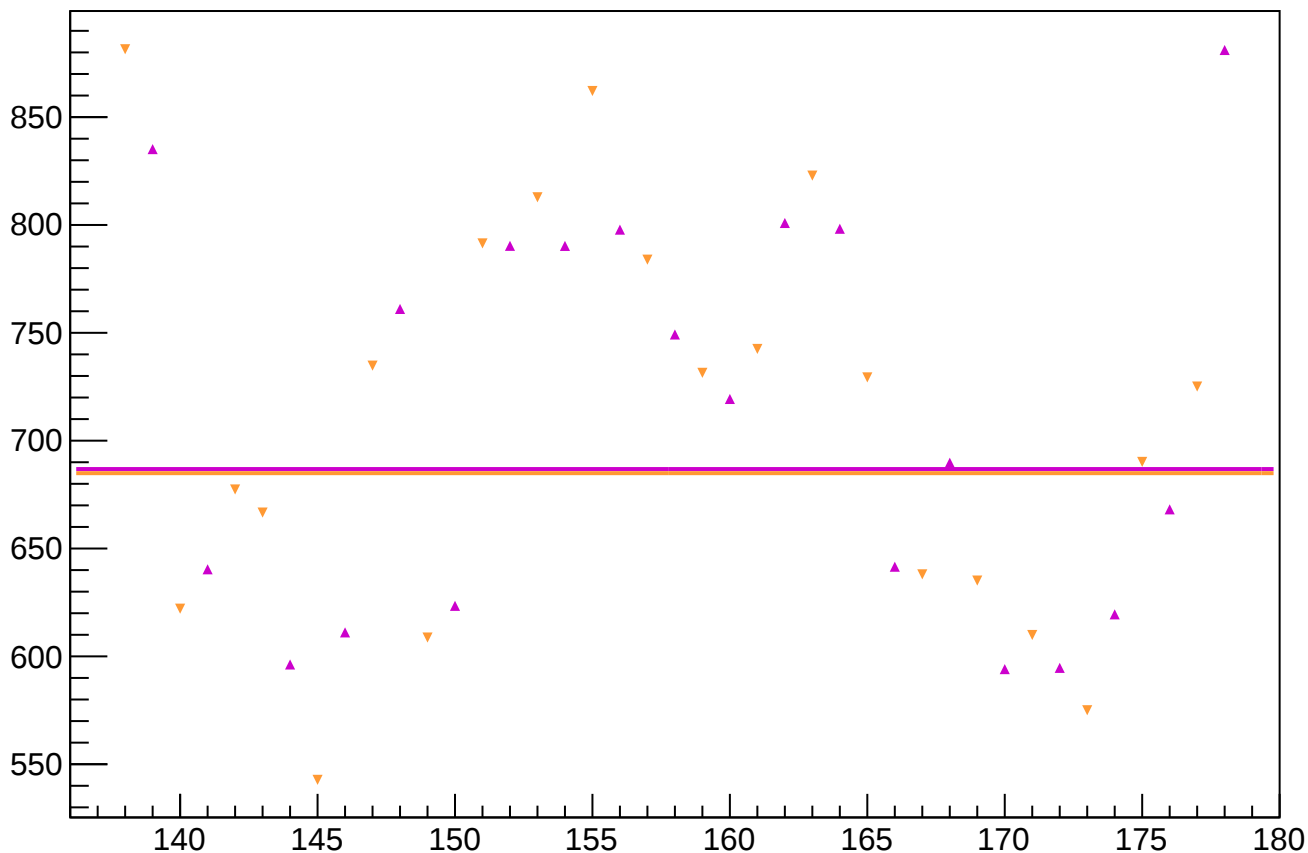
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -162.782+/-175.122 χ^2/NDF :22.9/19

Out: 904.498+/-173.370 χ^2/NDF :39.4/20

All: 376.222+/-123.206 χ^2/NDF : 81.1/40

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 684.933+/-0.123 χ^2/NDF : 552773.5/20

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

Left In: 686.841+/-0.124 χ^2/NDF : 487604.6/19

Left: 685.877+/-0.087 χ^2/NDF : 1040498.0/40

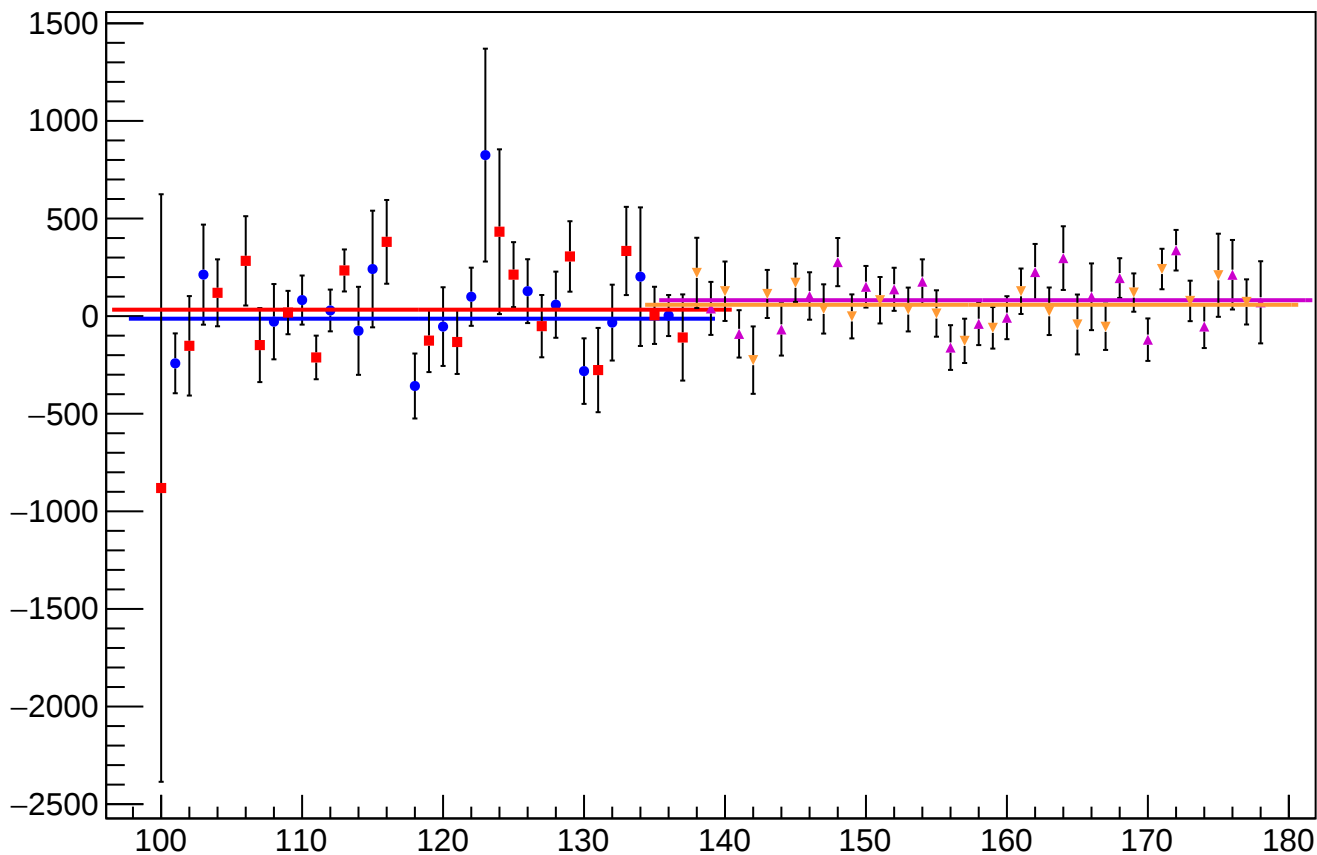
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 686.841+/-0.124 χ^2/NDF : 487604.6/19

Out: 684.933+/-0.123 χ^2/NDF : 552773.5/20

All: 685.877+/-0.087 χ^2/NDF : 1040498.0/40

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: 58.119 $\pm$ 26.290 χ^2/NDF :15.5/20

Right Out: 33.027 $\pm$ 38.878 χ^2/NDF : 25.1/18

Left In: 81.546 $\pm$ 27.415 χ^2/NDF :29.2/19

Left: 69.342 $\pm$ 18.975 χ^2/NDF : 45.1/40

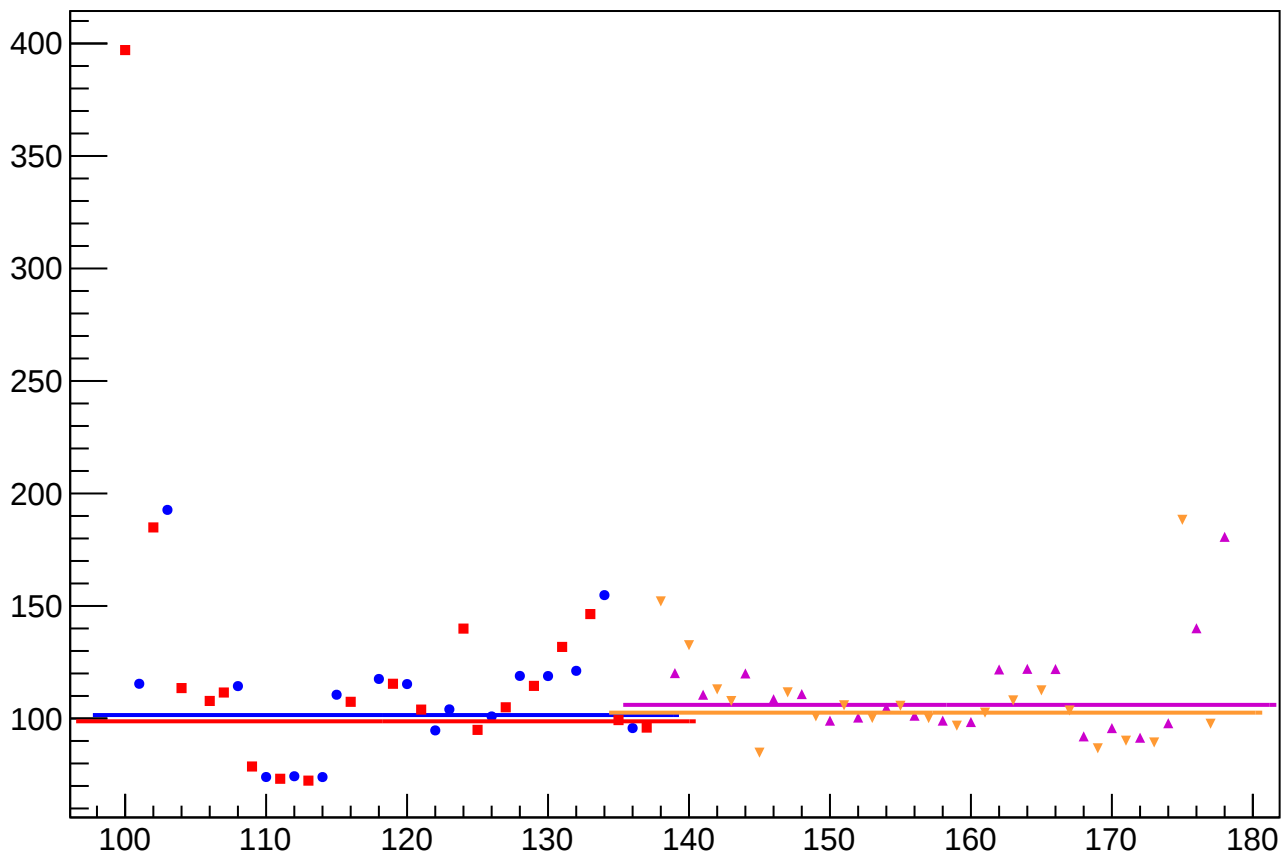
Right: 10.881 $\pm$ 28.065 χ^2/NDF : 41.4/35

In: 51.823 $\pm$ 22.712 χ^2/NDF :48.6/36

Out: 50.245 $\pm$ 21.778 χ^2/NDF :40.9/39

All: 51.001 $\pm$ 15.719 χ^2/NDF : 89.5/76

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 102.584 $\pm$ 0.019 χ^2 /NDF: 780000.0/20

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 106.044 $\pm$ 0.019 χ^2 /NDF: 577422.7/19

Left: 104.241 $\pm$ 0.013 χ^2 /NDF: 1374015.3/40

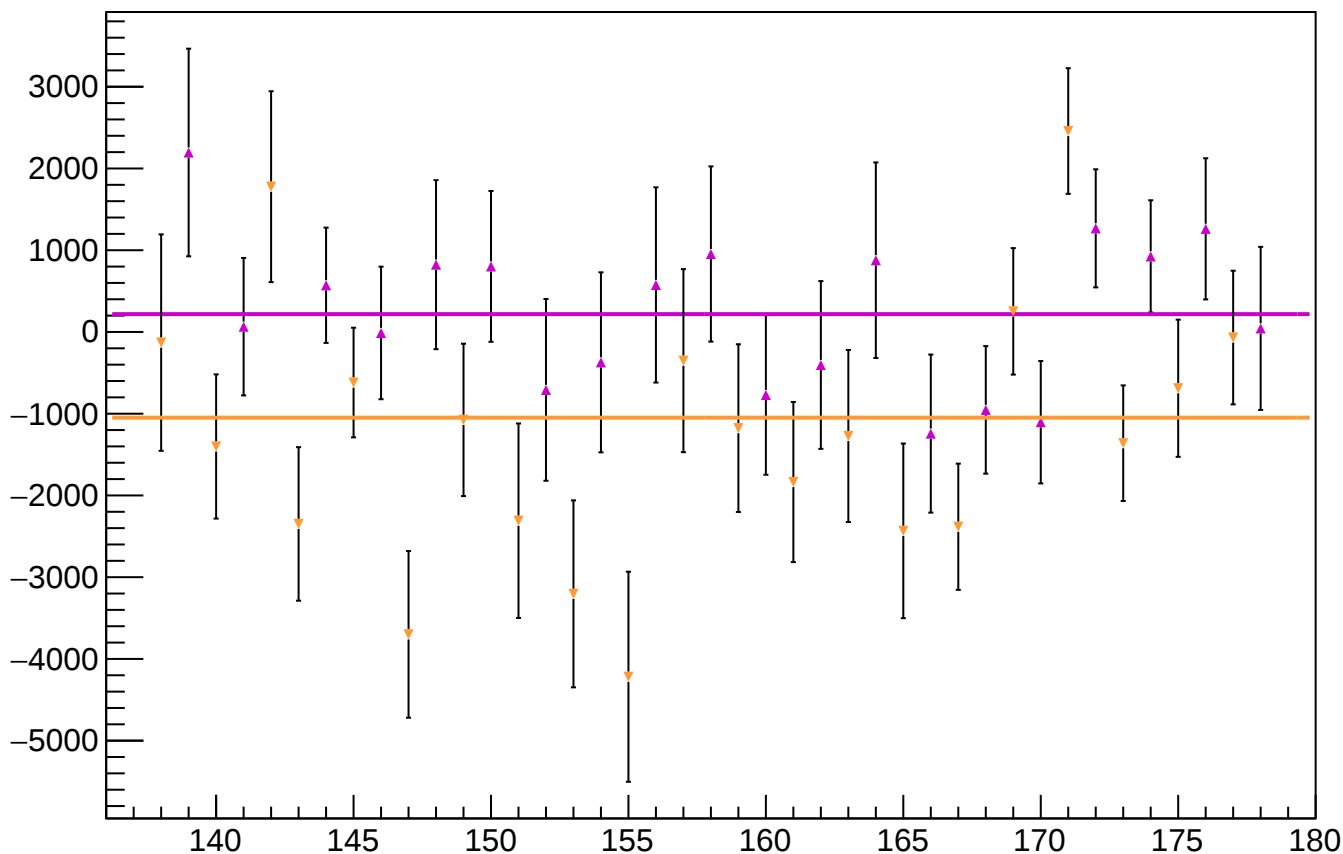
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 104.625 $\pm$ 0.016 χ^2 /NDF: 1276224.2/36

Out: 101.377 $\pm$ 0.015 χ^2 /NDF: 1619078.1/39

All: 102.932 $\pm$ 0.011 χ^2 /NDF: 2916611.8/76

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1048.232+/-201.374 χ^2/NDF :57.6/20

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

Left In: 218.116+/-202.187 χ^2/NDF :19.1/19

Left: -417.609+/-142.680 χ^2/NDF : 96.3/40

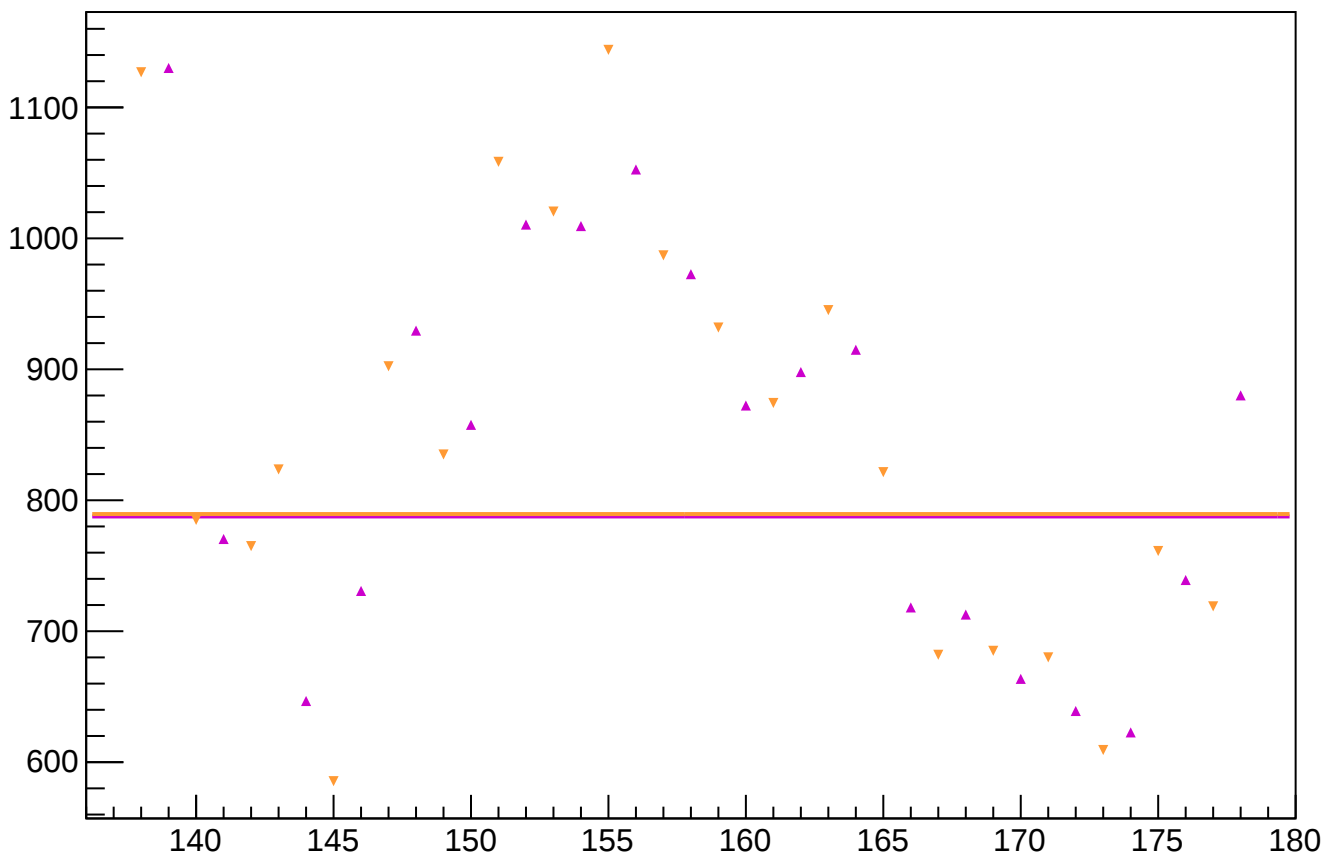
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 218.116+/-202.187 χ^2/NDF :19.1/19

Out: -1048.232+/-201.374 χ^2/NDF :57.6/20

All: -417.609+/-142.680 χ^2/NDF : 96.3/40

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 789.475+/-0.142 χ^2/NDF :1107764.7/20

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

Left In: 787.639+/-0.143 χ^2/NDF :972648.8/19

Left: 788.561+/-0.101 χ^2/NDF : 2080496.2/40

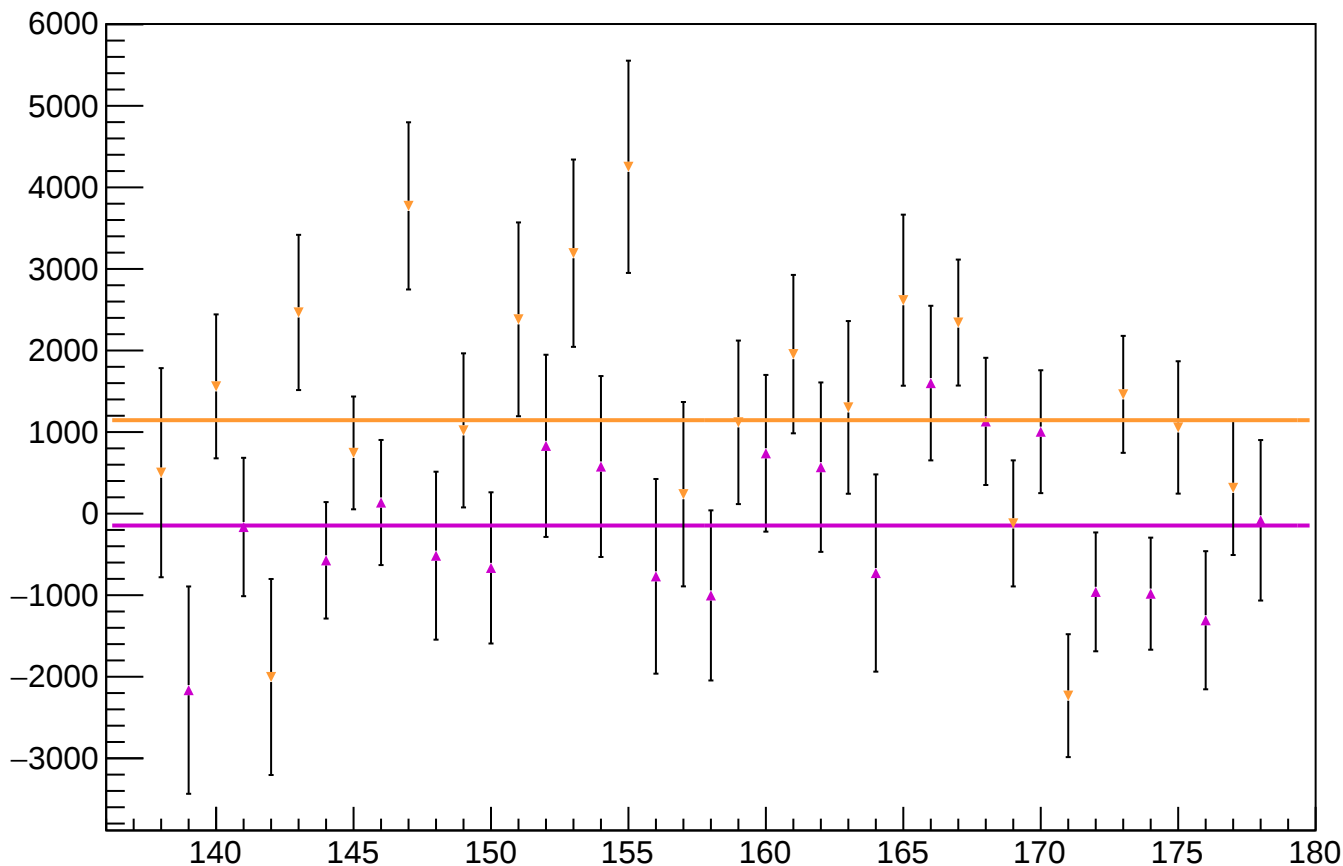
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 787.639+/-0.143 χ^2/NDF :972648.8/19

Out: 789.475+/-0.142 χ^2/NDF :1107764.7/20

All: 788.561+/-0.101 χ^2/NDF : 2080496.2/40

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1145.604+/-201.616 χ^2/NDF :55.9/20

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

Left In: -145.841+/-201.385 χ^2/NDF :20.2/19

Left: 499.139+/-142.482 χ^2/NDF : 96.6/40

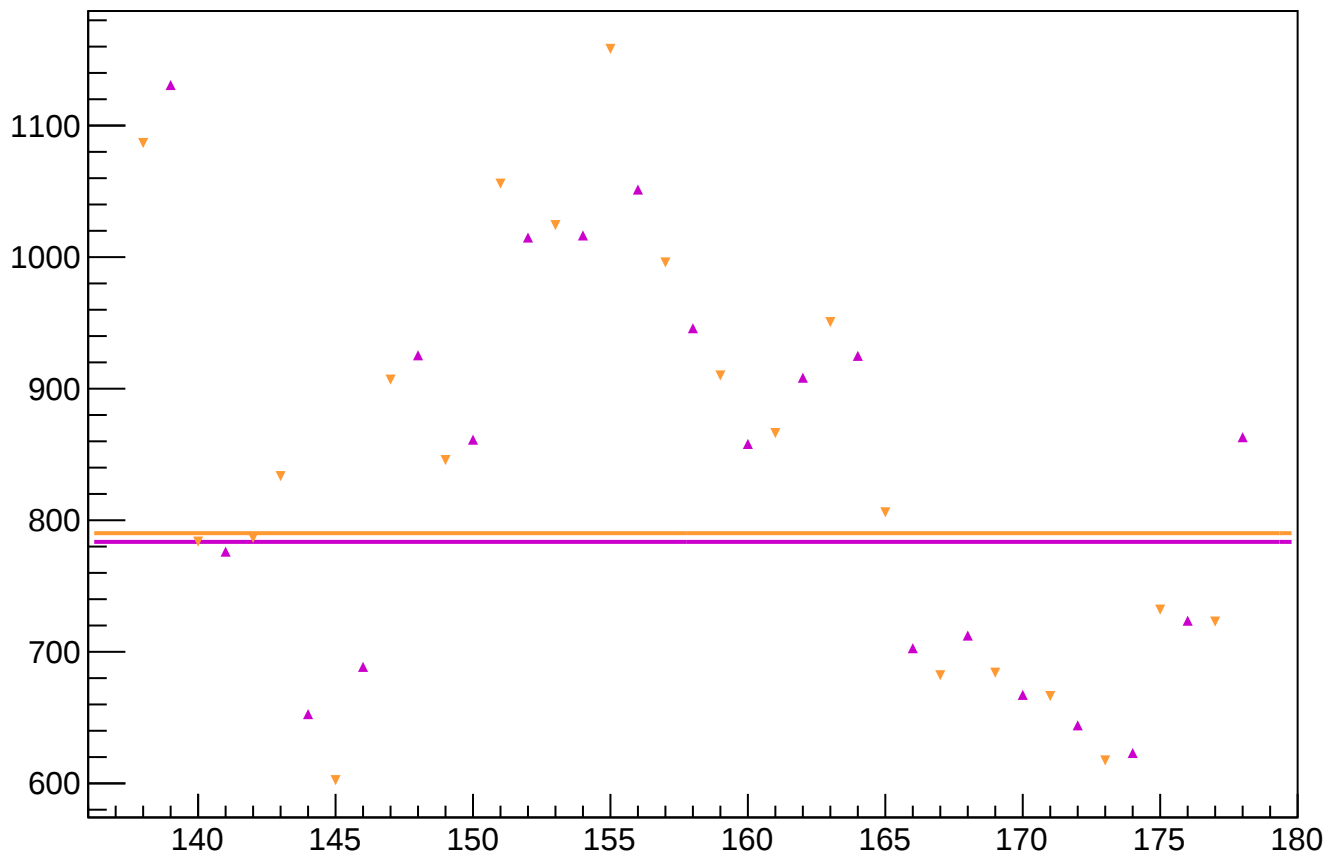
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -145.841+/-201.385 χ^2/NDF :20.2/19

Out: 1145.604+/-201.616 χ^2/NDF :55.9/20

All: 499.139+/-142.482 χ^2/NDF : 96.6/40

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 790.189+/-0.143 χ^2/NDF :1058610.2/20

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

Left In: 783.558+/-0.142 χ^2/NDF :974980.6/19

Left: 786.869+/-0.101 χ^2/NDF : 2034673.7/40

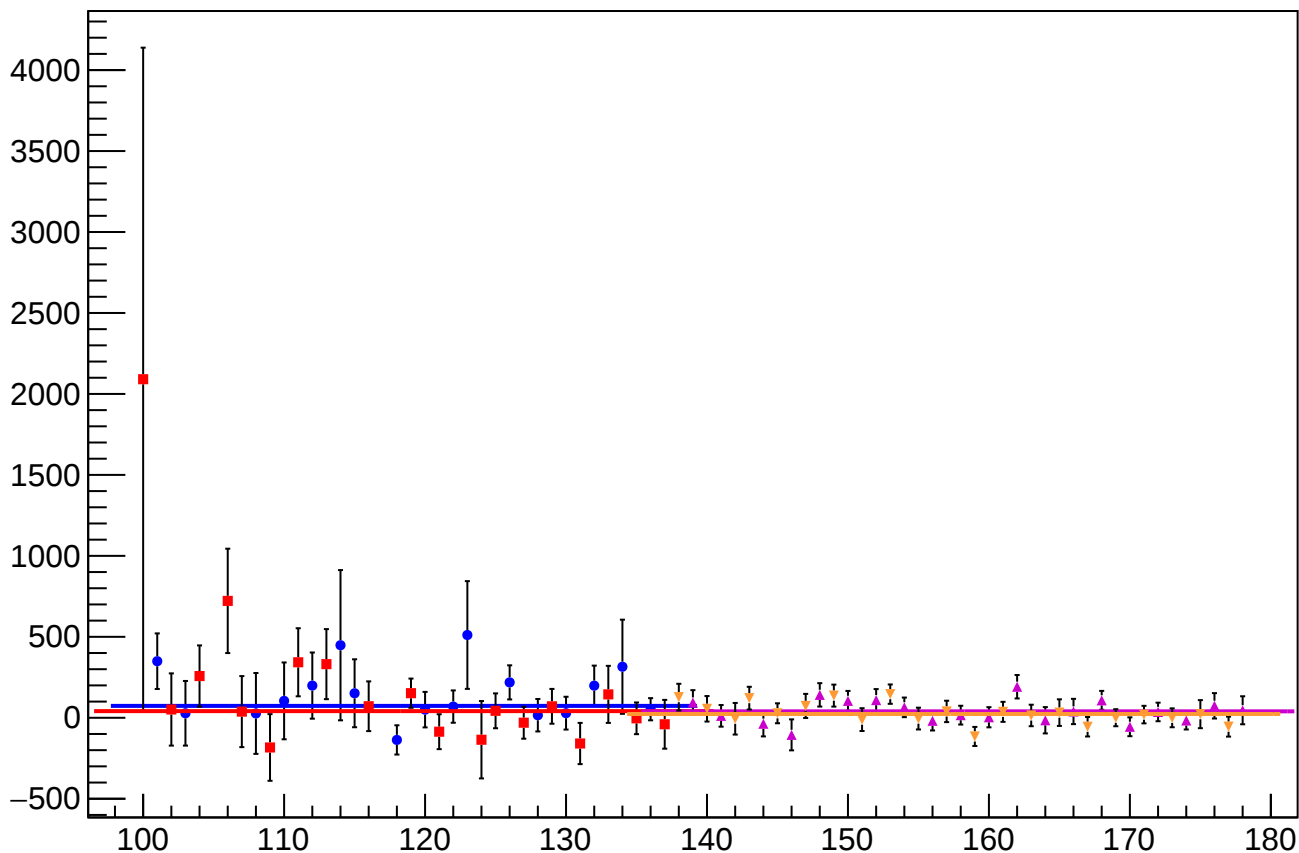
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 783.558+/-0.142 χ^2/NDF :974980.6/19

Out: 790.189+/-0.143 χ^2/NDF :1058610.2/20

All: 786.869+/-0.101 χ^2/NDF : 2034673.7/40

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: 23.463 $\pm$ 14.426 χ^2 /NDF:21.0/20

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 39.790 $\pm$ 14.962 χ^2 /NDF:19.8/19

Left: 31.328 $\pm$ 10.385 χ^2 /NDF: 41.5/40

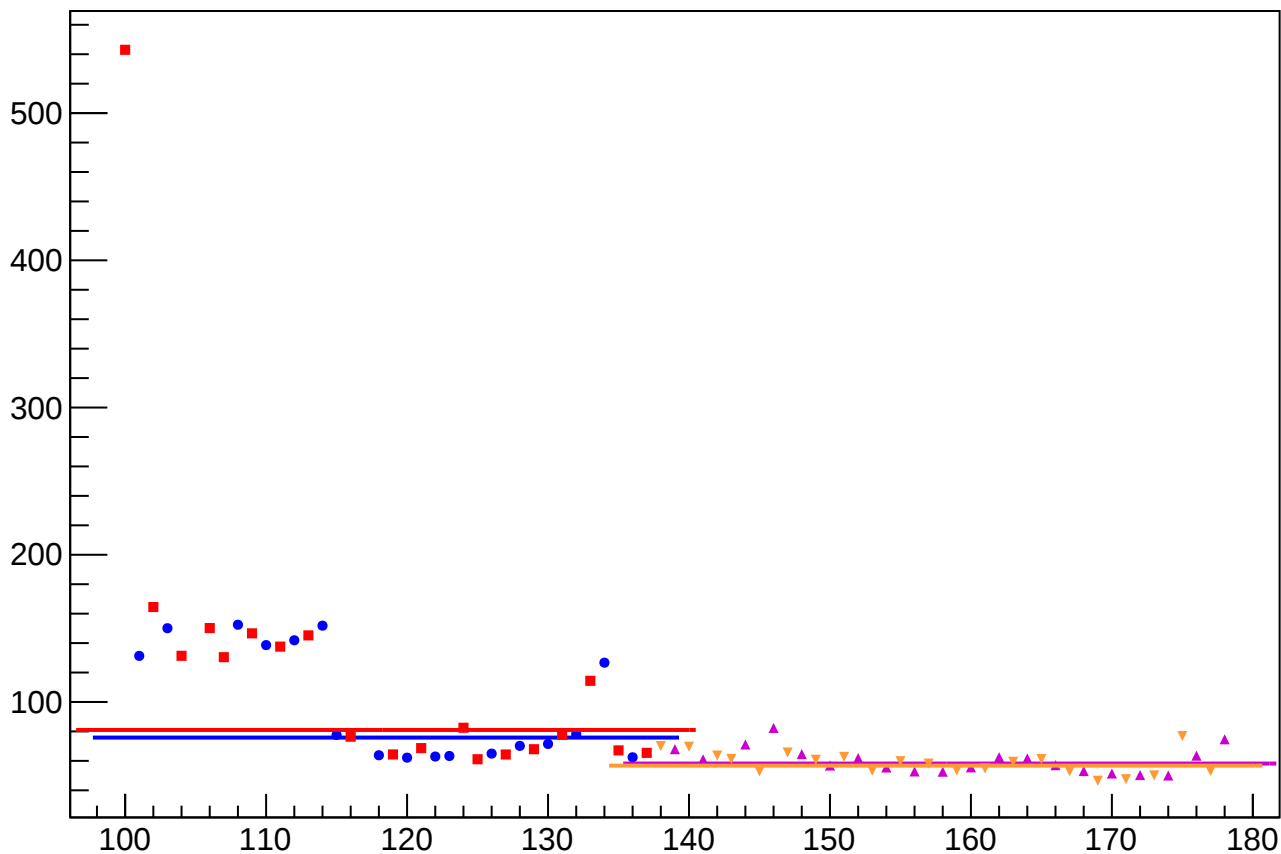
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 46.129 $\pm$ 13.480 χ^2 /NDF:36.1/36

Out: 26.333 $\pm$ 13.201 χ^2 /NDF:40.5/39

All: 36.024 $\pm$ 9.432 χ^2 /NDF: 77.6/76

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: 56.763 $\pm$ 0.010 χ^2 /NDF: 492483.6/20

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 58.180 $\pm$ 0.011 χ^2 /NDF: 498307.2/19

Left: 57.446 $\pm$ 0.007 χ^2 /NDF: 1000080.6/40

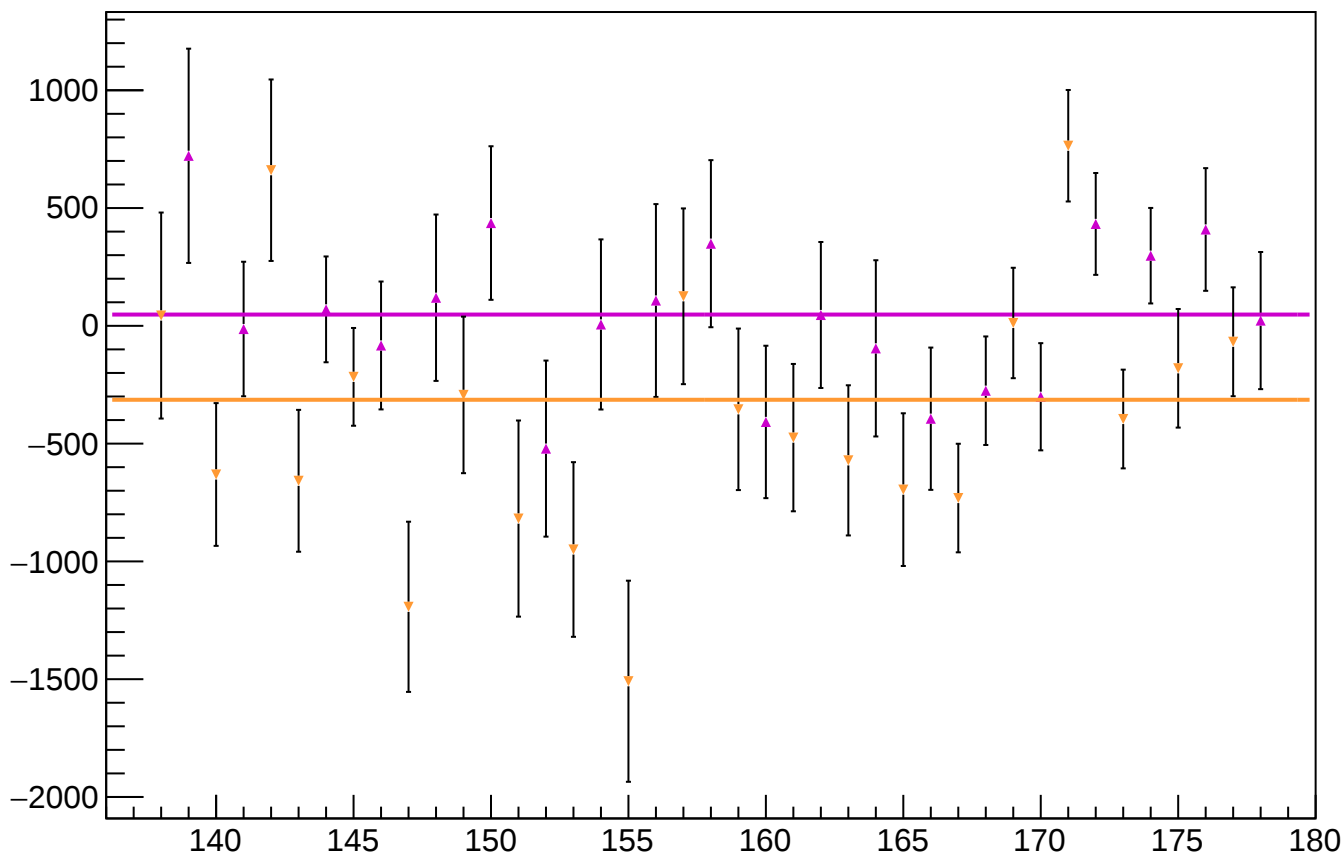
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 61.502 $\pm$ 0.010 χ^2 /NDF: 2371837.9/36

Out: 60.704 $\pm$ 0.009 χ^2 /NDF: 3038134.6/39

All: 61.095 $\pm$ 0.007 χ^2 /NDF: 5413556.0/76

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -313.862+/-63.270 χ^2/NDF :59.1/20

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

Left In: 47.867+/-63.861 χ^2/NDF :22.2/19

Left: -134.678+/-44.946 χ^2/NDF : 97.5/40

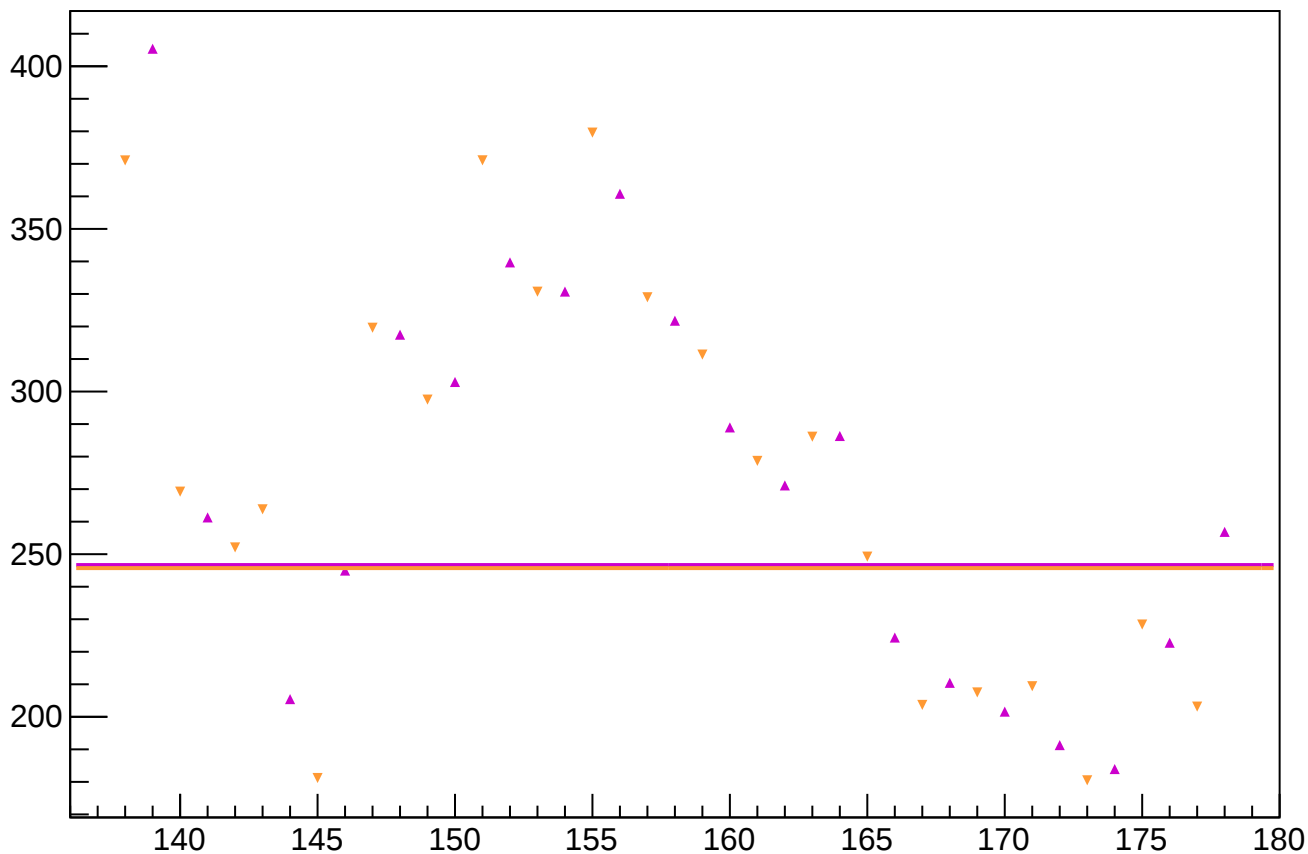
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.867+/-63.861 χ^2/NDF :22.2/19

Out: -313.862+/-63.270 χ^2/NDF :59.1/20

All: -134.678+/-44.946 χ^2/NDF : 97.5/40

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 245.721+/-0.045 χ^2/NDF :1658663.7/20

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

Left In: 246.655+/-0.045 χ^2/NDF :1483890.0/19

Left: 246.183+/-0.032 χ^2/NDF : 3142769.7/40

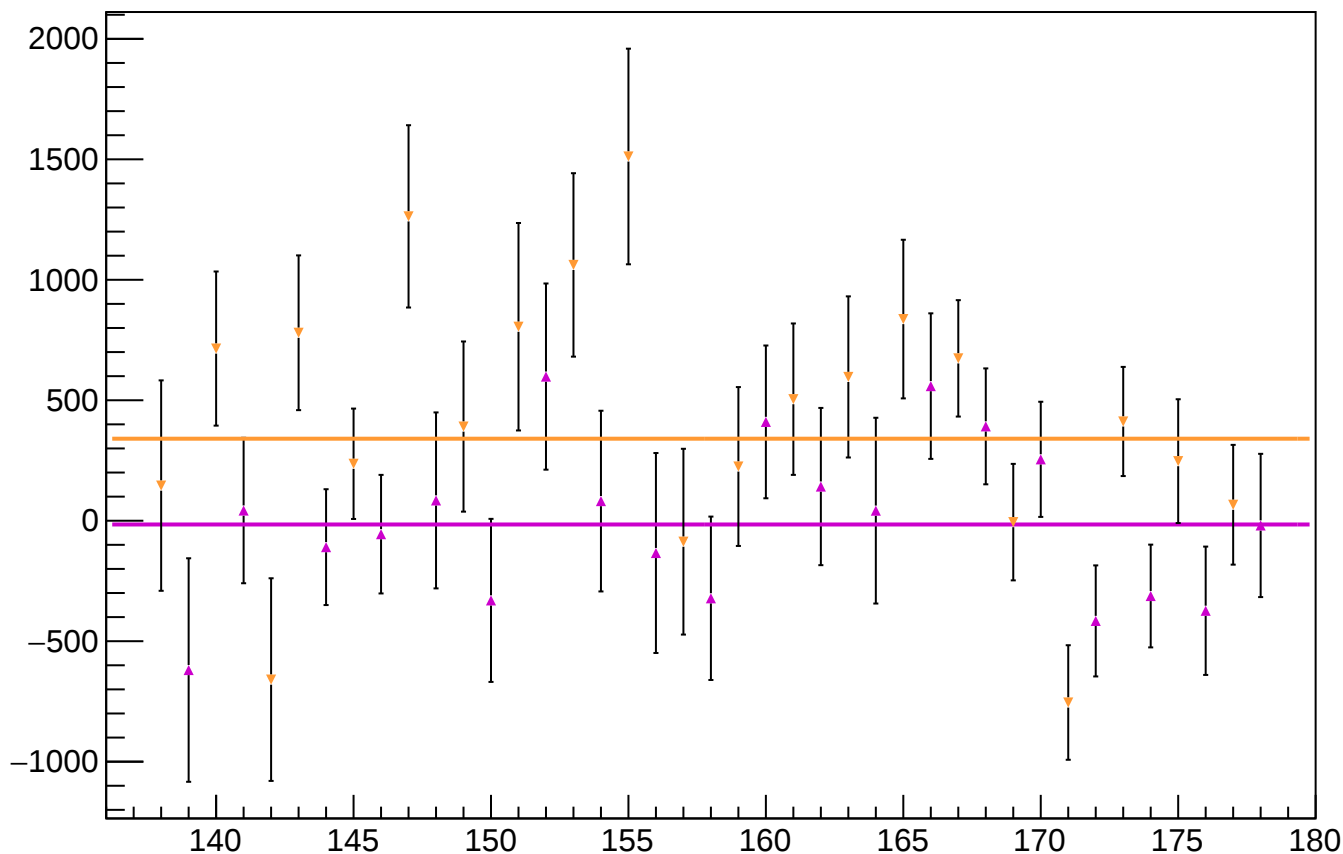
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.655+/-0.045 χ^2/NDF :1483890.0/19

Out: 245.721+/-0.045 χ^2/NDF :1658663.7/20

All: 246.183+/-0.032 χ^2/NDF : 3142769.7/40

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 340.470 ± 66.125 $\chi^2/\text{NDF}: 58.0/20$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -15.580 ± 65.646 $\chi^2/\text{NDF}: 22.9/19$

Left: 161.151 ± 46.587 $\chi^2/\text{NDF}: 95.5/40$

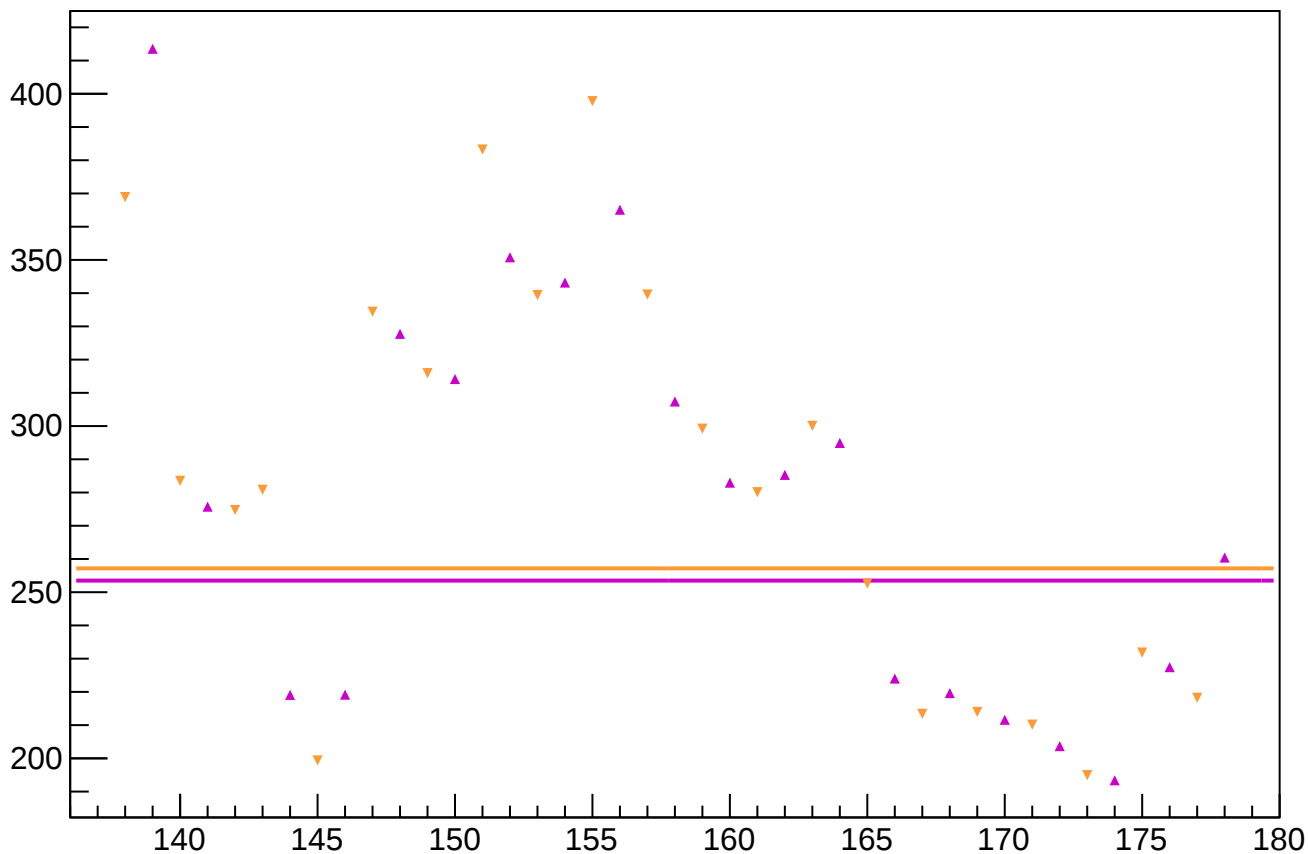
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -15.580 ± 65.646 $\chi^2/\text{NDF}: 22.9/19$

Out: 340.470 ± 66.125 $\chi^2/\text{NDF}: 58.0/20$

All: 161.151 ± 46.587 $\chi^2/\text{NDF}: 95.5/40$

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 257.168+/-0.047 χ^2/NDF :1482339.5/20

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

Left In: 253.497+/-0.046 χ^2/NDF :1364396.1/19

Left: 255.319+/-0.033 χ^2/NDF : 2849839.8/40

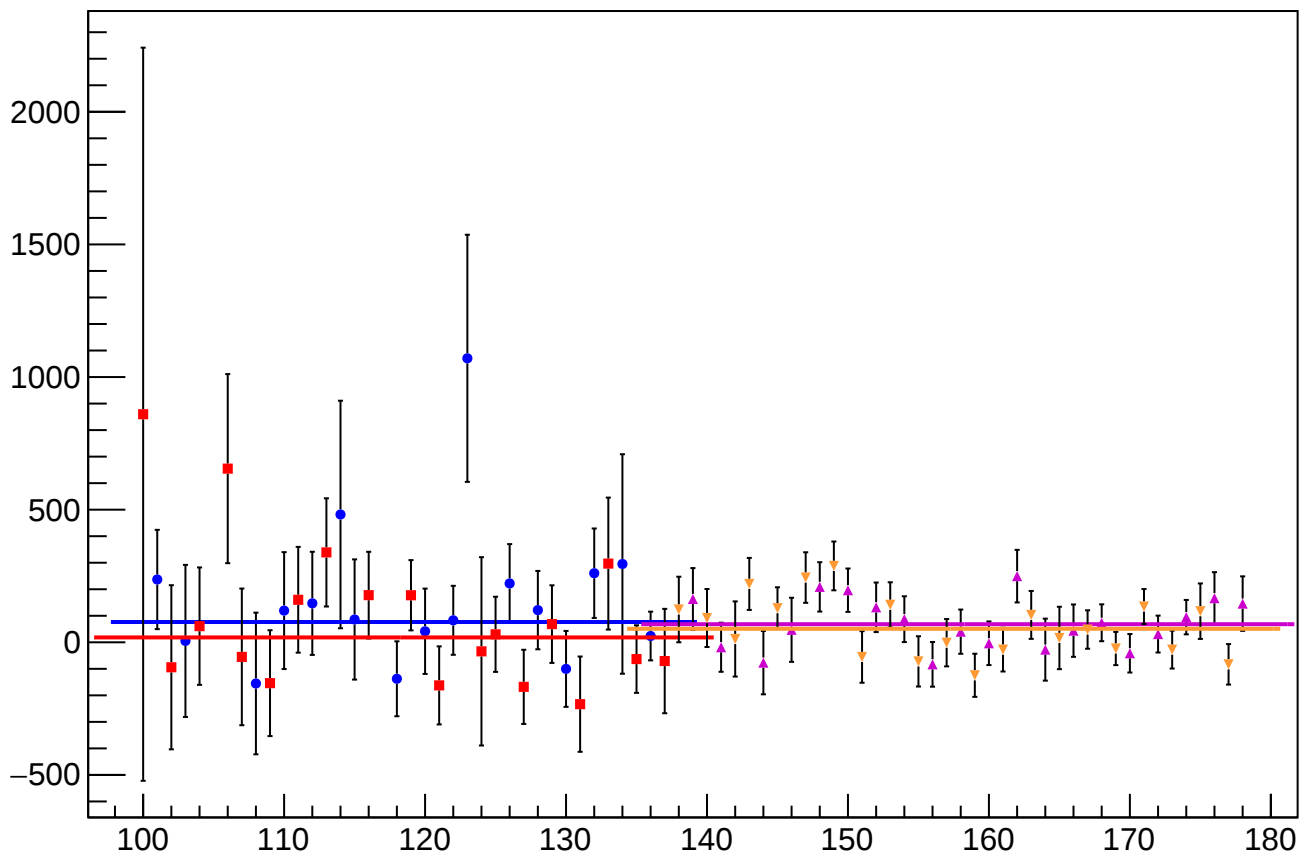
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.497+/-0.046 χ^2/NDF :1364396.1/19

Out: 257.168+/-0.047 χ^2/NDF :1482339.5/20

All: 255.319+/-0.033 χ^2/NDF : 2849839.8/40

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: 50.945 $\pm$ 18.893 χ^2 /NDF:33.3/20

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 68.206 $\pm$ 19.637 χ^2 /NDF:20.8/19

Left: 59.242 $\pm$ 13.615 χ^2 /NDF: 54.5/40

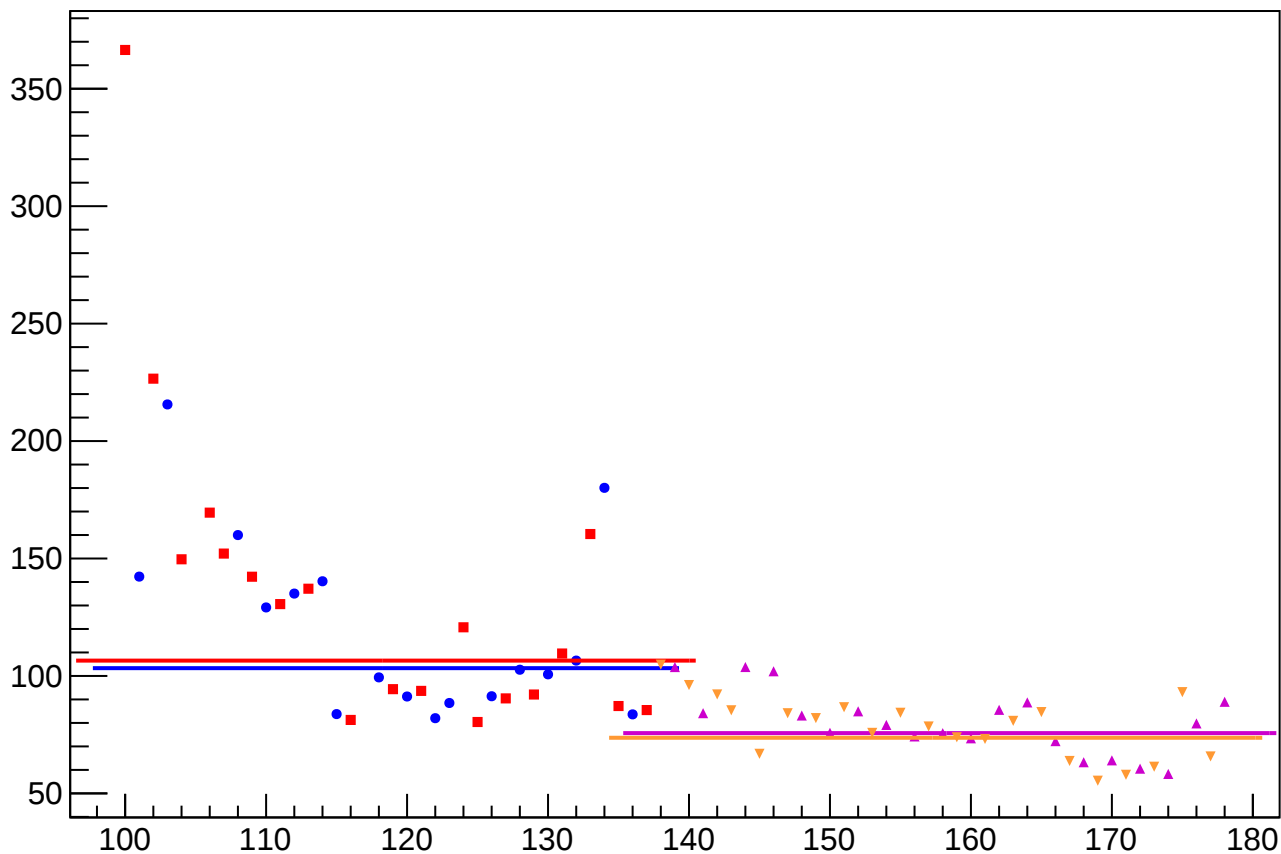
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 69.720 $\pm$ 17.754 χ^2 /NDF:34.7/36

Out: 45.527 $\pm$ 17.249 χ^2 /NDF:51.0/39

All: 57.274 $\pm$ 12.372 χ^2 /NDF: 86.7/76

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: 73.684 $\pm$ 0.013 χ^2 /NDF: 899174.3/20

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 75.666 $\pm$ 0.014 χ^2 /NDF: 814983.9/19

Left: 74.637 $\pm$ 0.010 χ^2 /NDF: 1724738.4/40

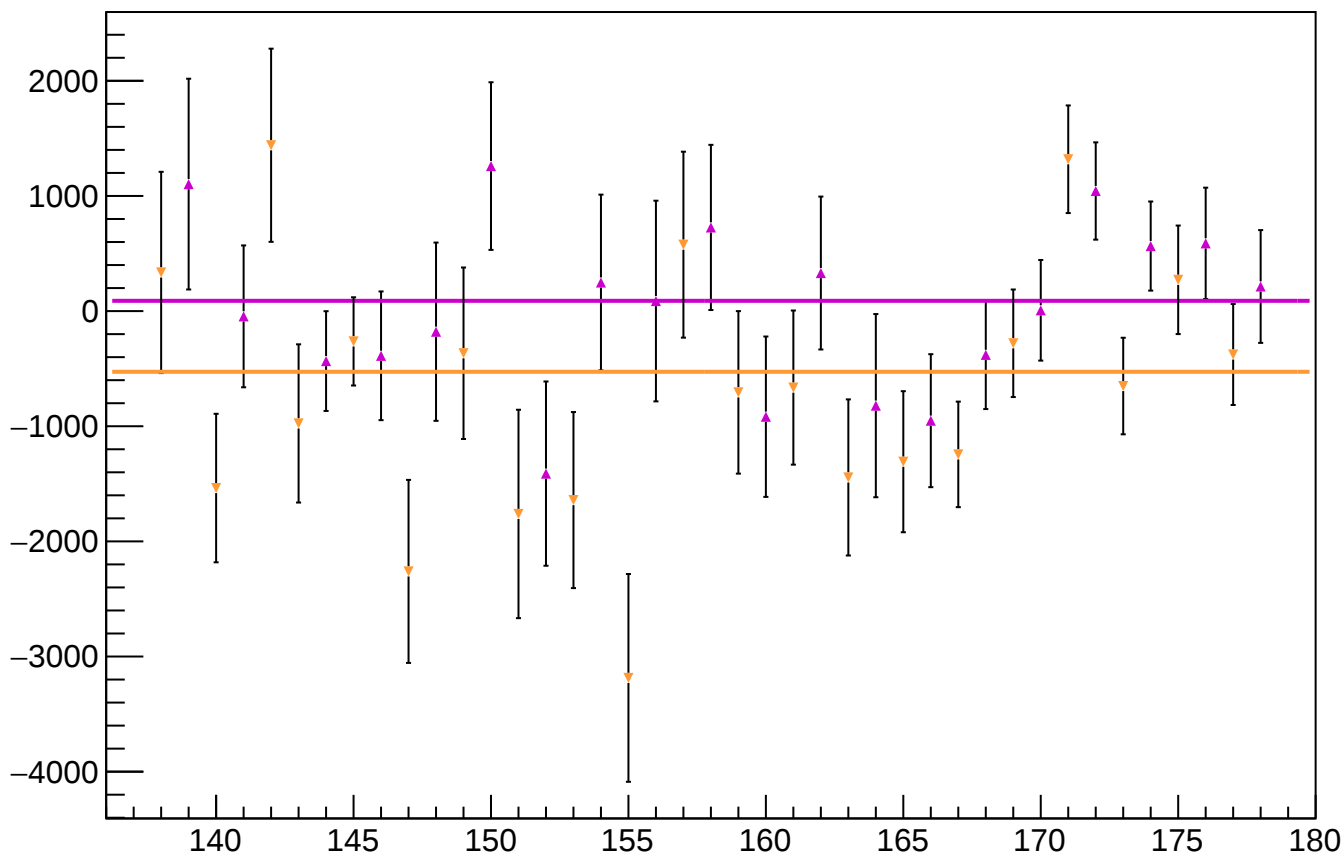
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 80.713 $\pm$ 0.013 χ^2 /NDF: 2376632.6/36

Out: 79.152 $\pm$ 0.012 χ^2 /NDF: 2977107.7/39

All: 79.910 $\pm$ 0.009 χ^2 /NDF: 5361695.6/76

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -527.024+/-127.470 χ^2/NDF :54.1/20

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

Left In: 89.286+/-127.164 χ^2/NDF :26.1/19

Left: -218.131+/-90.027 χ^2/NDF : 91.9/40

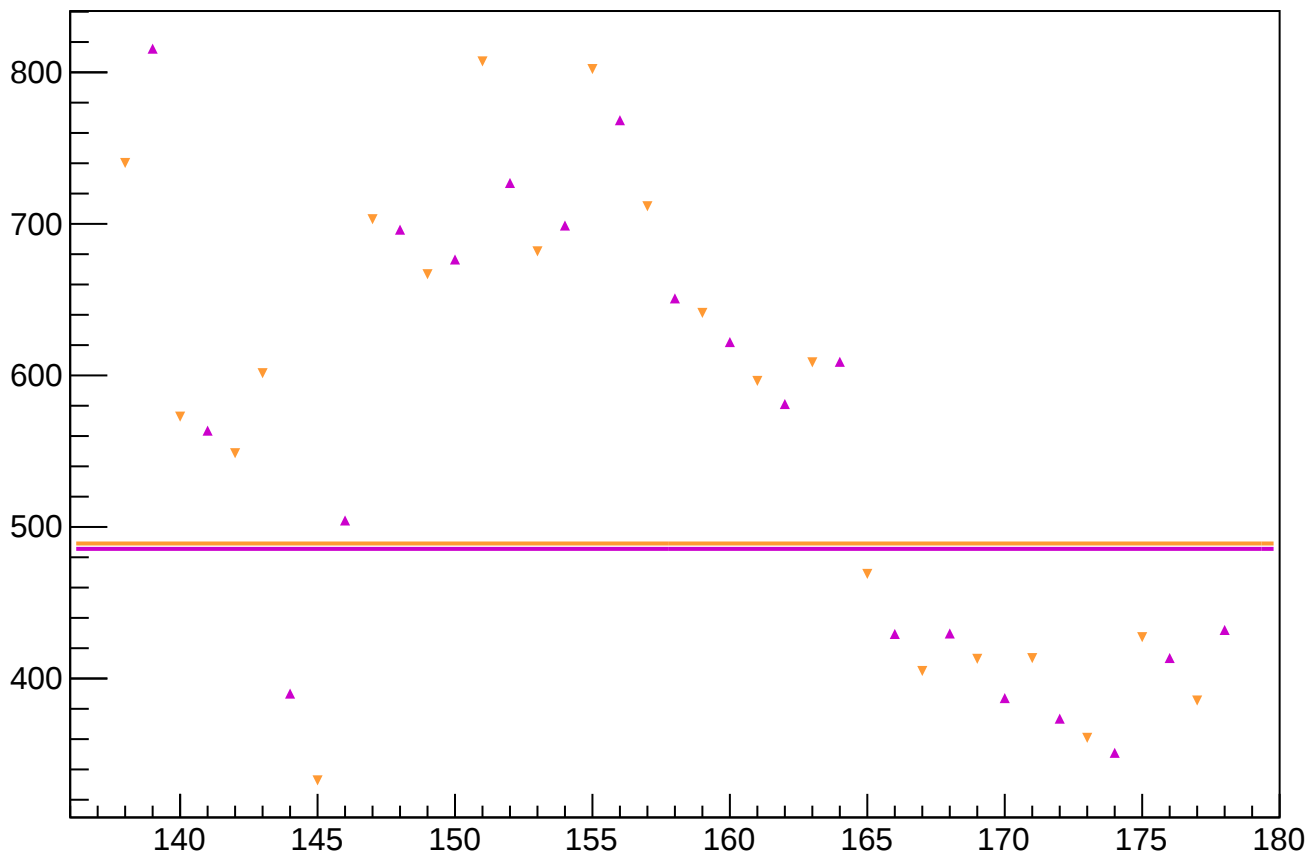
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 89.286+/-127.164 χ^2/NDF :26.1/19

Out: -527.024+/-127.470 χ^2/NDF :54.1/20

All: -218.131+/-90.027 χ^2/NDF : 91.9/40

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 489.092+/-0.090 χ^2/NDF : 2335965.5/20

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

Left In: 485.543+/-0.090 χ^2/NDF : 2098450.1/19

Left: 487.313+/-0.064 χ^2/NDF : 4435193.0/40

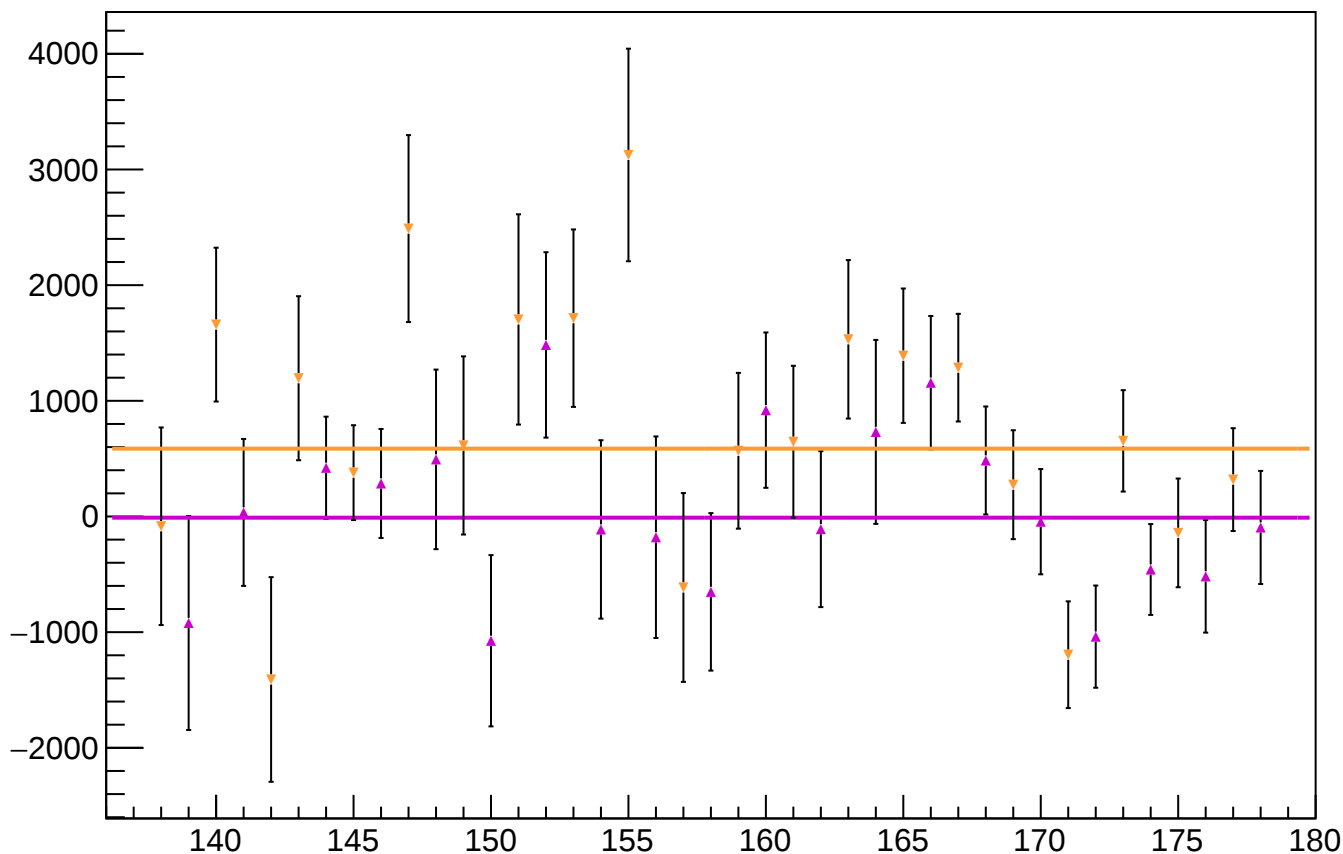
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 485.543+/-0.090 χ^2/NDF : 2098450.1/19

Out: 489.092+/-0.090 χ^2/NDF : 2335965.5/20

All: 487.313+/-0.064 χ^2/NDF : 4435193.0/40

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 586.727+/-129.214 χ^2/NDF : 52.5/20

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

Left In: -10.300+/-127.081 χ^2/NDF : 25.1/19

Left: 283.245+/-90.605 χ^2/NDF : 88.5/40

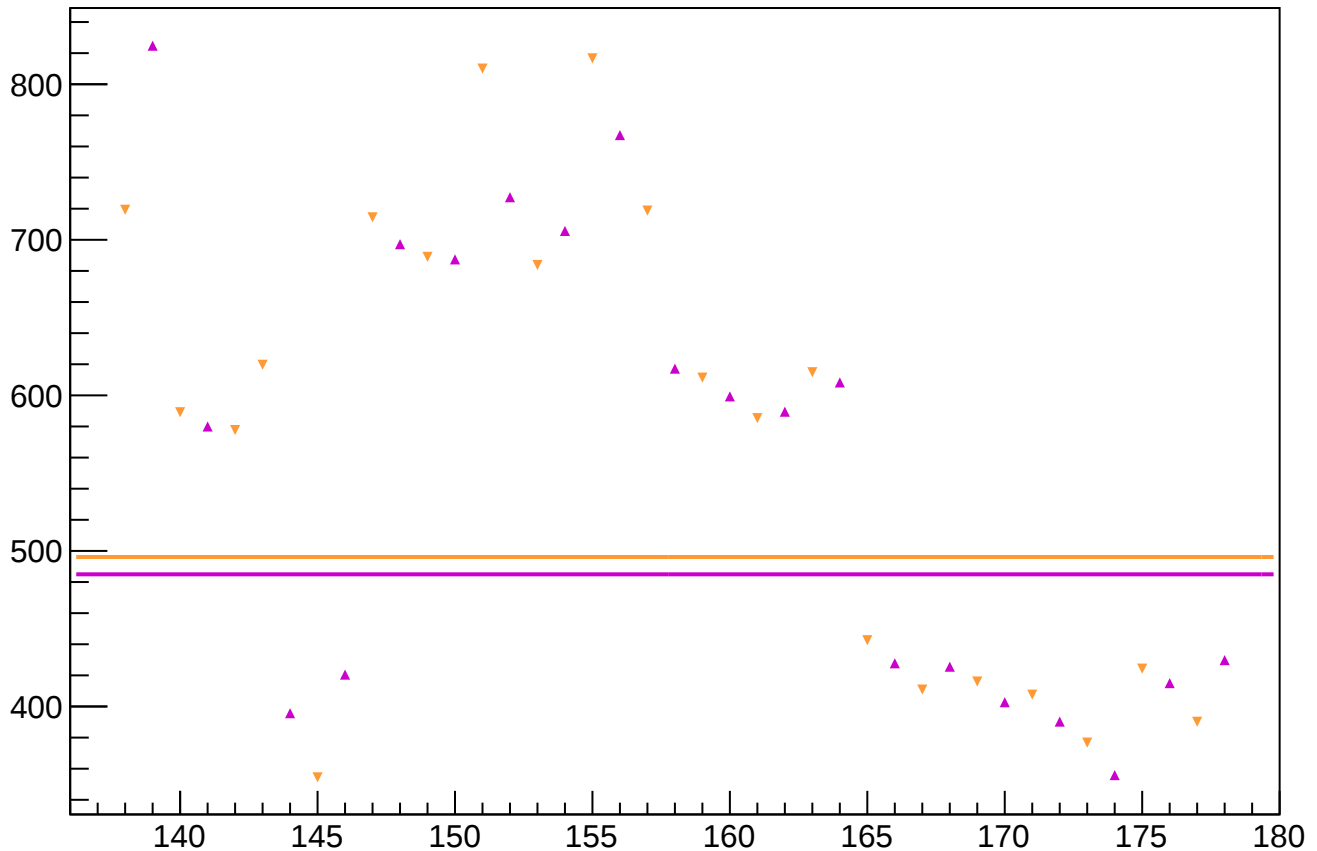
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.300+/-127.081 χ^2/NDF : 25.1/19

Out: 586.727+/-129.214 χ^2/NDF : 52.5/20

All: 283.245+/-90.605 χ^2/NDF : 88.5/40

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 496.093+/-0.091 χ^2/NDF :2193906.6/20

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

Left In: 484.963+/-0.090 χ^2/NDF :2011511.7/19

Left: 490.435+/-0.064 χ^2/NDF : 4212961.4/40

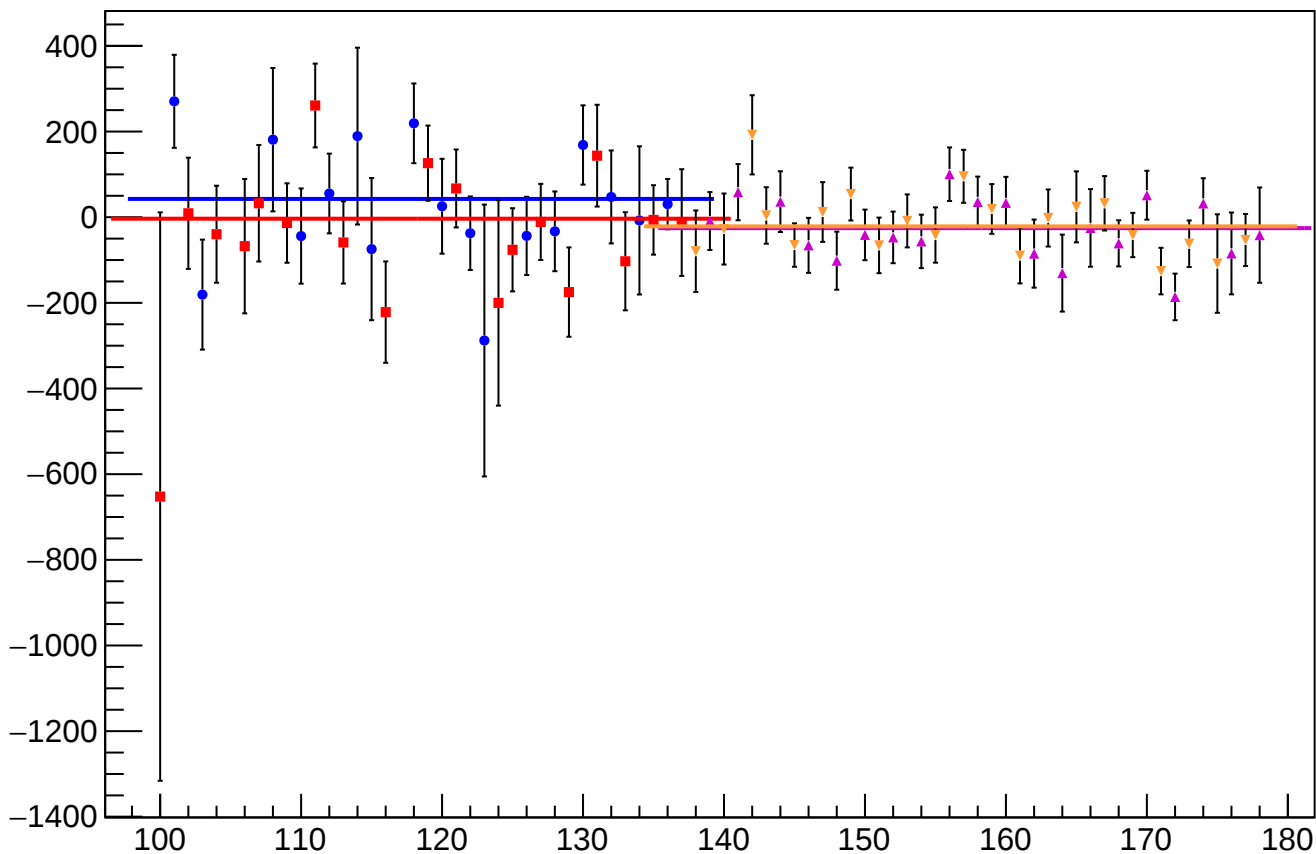
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 484.963+/-0.090 χ^2/NDF :2011511.7/19

Out: 496.093+/-0.091 χ^2/NDF :2193906.6/20

All: 490.435+/-0.064 χ^2/NDF : 4212961.4/40

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -21.380 $\pm$ 14.127 χ^2 /NDF: 20.5/20

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -25.534 $\pm$ 14.720 χ^2 /NDF: 24.9/19

Left: -23.372 $\pm$ 10.193 χ^2 /NDF: 45.4/40

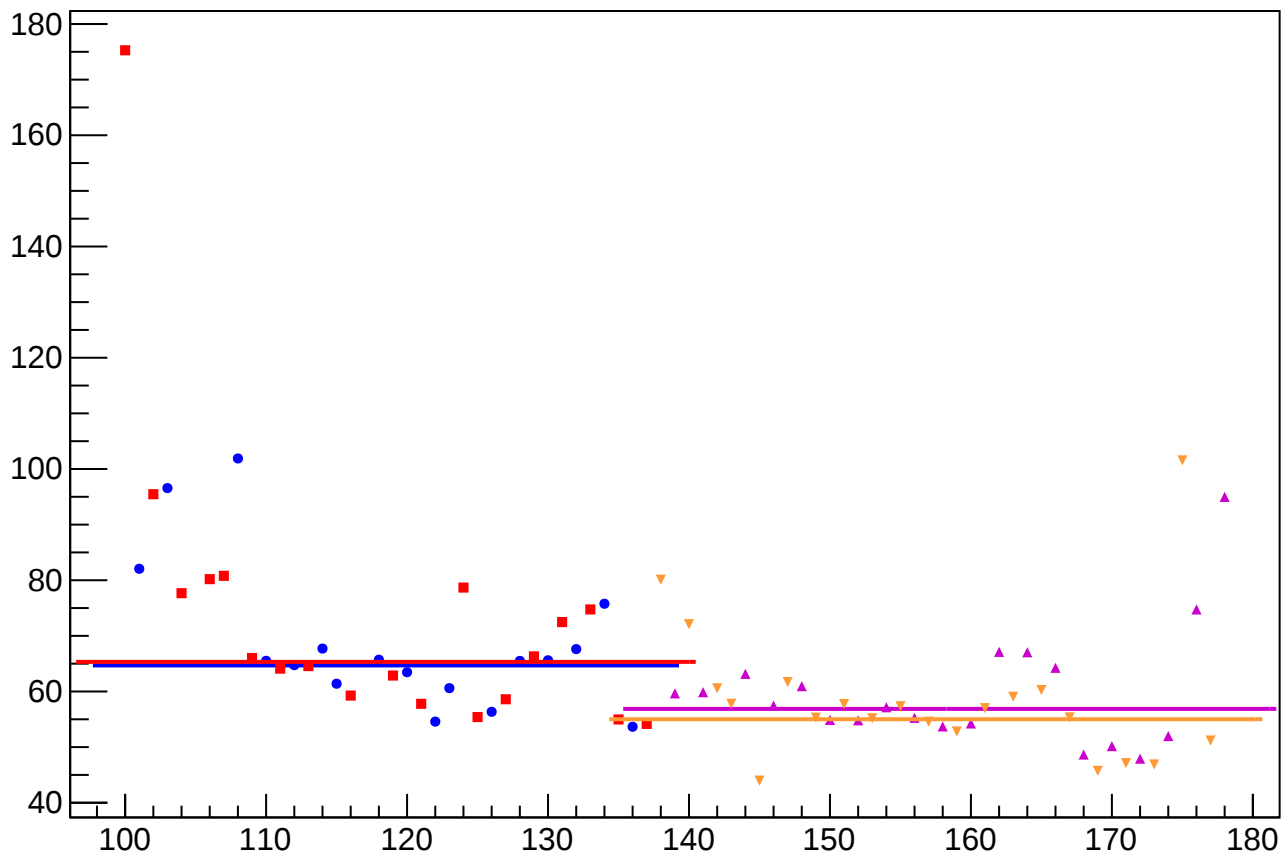
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: -8.477 $\pm$ 12.747 χ^2 /NDF: 49.1/36

Out: -17.072 $\pm$ 12.308 χ^2 /NDF: 42.2/39

All: -12.925 $\pm$ 8.854 χ^2 /NDF: 91.6/76

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 ± 0.018 $\chi^2/\text{NDF}: 400187.1/16$

Left Out: 55.014 ± 0.010 $\chi^2/\text{NDF}: 860884.4/20$

Right Out: 65.324 ± 0.018 $\chi^2/\text{NDF}: 359570.8/18$

Left In: 56.872 ± 0.010 $\chi^2/\text{NDF}: 565114.9/19$

Left: 55.905 ± 0.007 $\chi^2/\text{NDF}: 1442592.4/40$

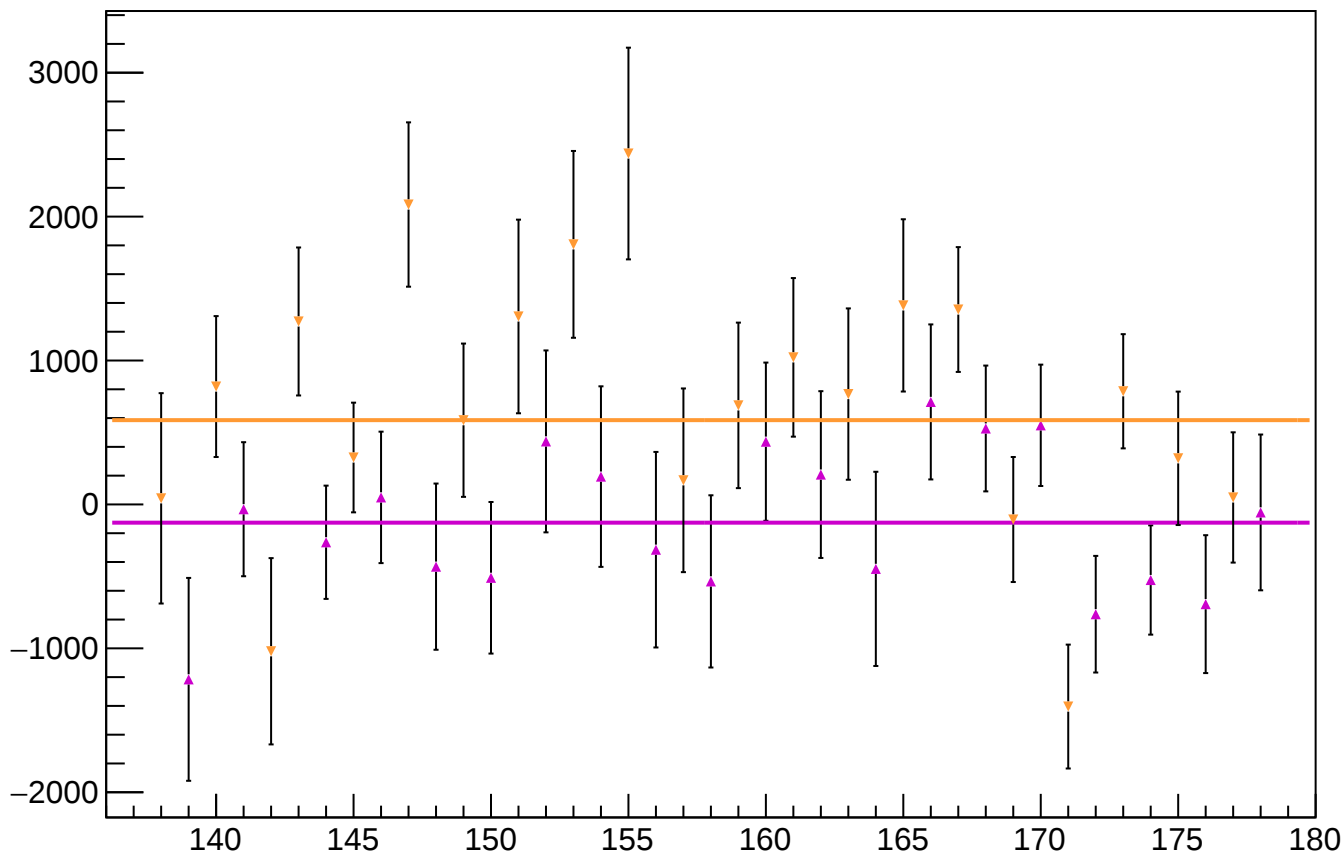
Right: 65.010 ± 0.013 $\chi^2/\text{NDF}: 760396.9/35$

In: 58.827 ± 0.009 $\chi^2/\text{NDF}: 1106257.6/36$

Out: 57.499 ± 0.009 $\chi^2/\text{NDF}: 1477216.4/39$

All: 58.139 ± 0.006 $\chi^2/\text{NDF}: 2594706.2/76$

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: 585.674+/-112.932 χ^2/NDF :59.1/20

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

Left In: -126.730+/-113.177 χ^2/NDF :18.9/19

Left: 230.243+/-79.941 χ^2/NDF : 97.9/40

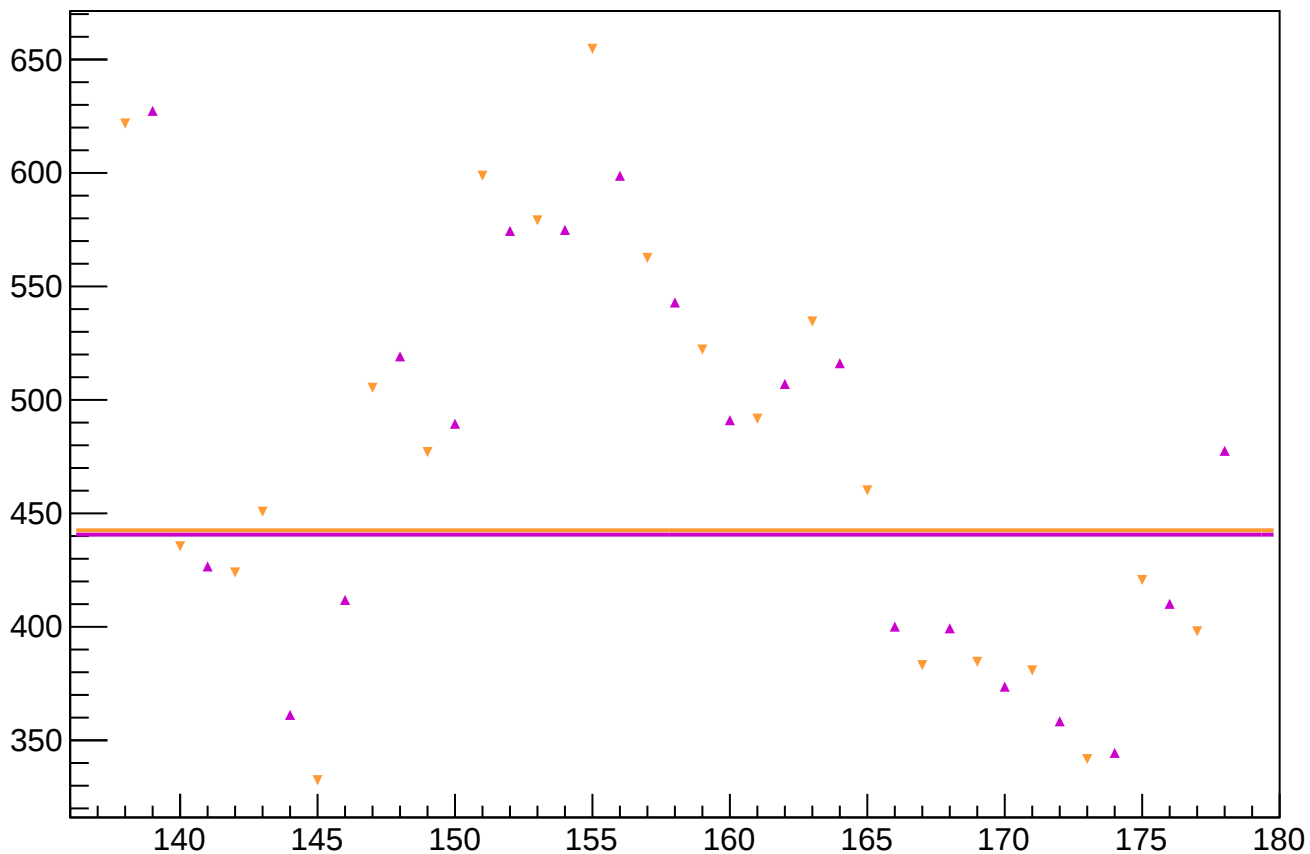
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -126.730+/-113.177 χ^2/NDF :18.9/19

Out: 585.674+/-112.932 χ^2/NDF :59.1/20

All: 230.243+/-79.941 χ^2/NDF : 97.9/40

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: 442.554+/-0.080 χ^2/NDF :1126891.9/20

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

Left In: 440.640+/-0.080 χ^2/NDF :1009785.1/19

Left: 441.599+/-0.057 χ^2/NDF : 2136963.6/40

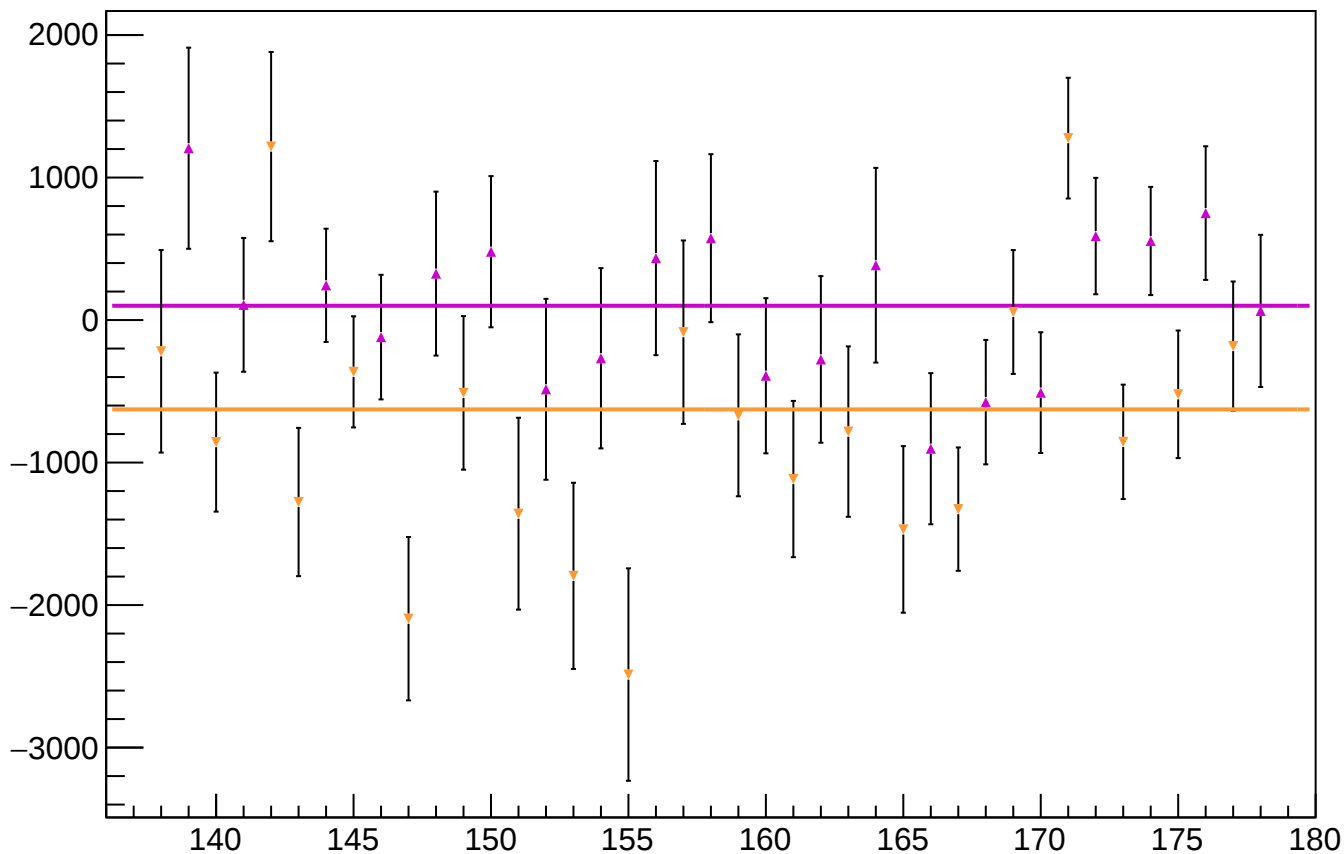
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 440.640+/-0.080 χ^2/NDF :1009785.1/19

Out: 442.554+/-0.080 χ^2/NDF :1126891.9/20

All: 441.599+/-0.057 χ^2/NDF : 2136963.6/40

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: -626.785 $\pm$ 112.938 χ^2 /NDF:57.8/20

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

Left In: 100.404 $\pm$ 112.858 χ^2 /NDF:19.8/19

Left: -262.932 $\pm$ 79.831 χ^2 /NDF: 98.4/40

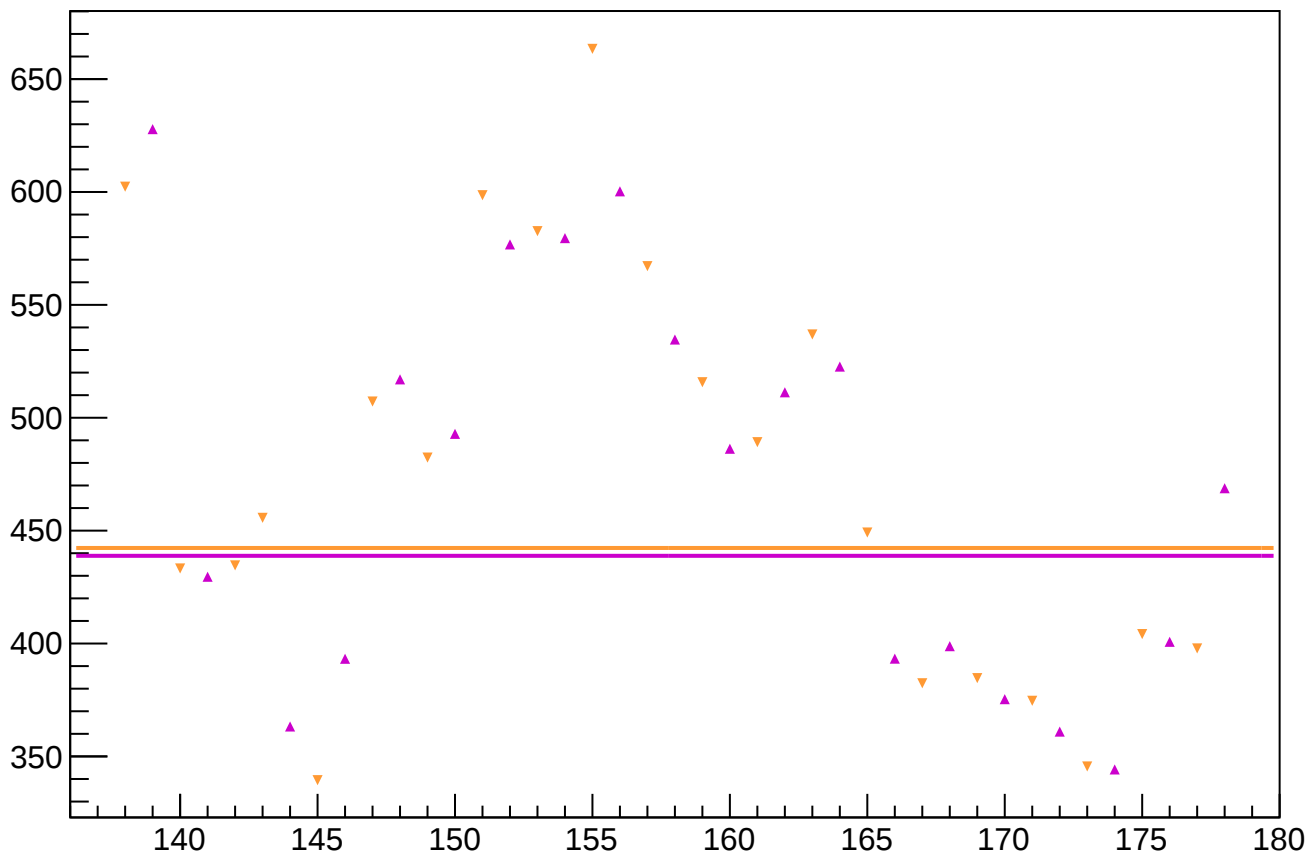
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 100.404 $\pm$ 112.858 χ^2 /NDF:19.8/19

Out: -626.785 $\pm$ 112.938 χ^2 /NDF:57.8/20

All: -262.932 $\pm$ 79.831 χ^2 /NDF: 98.4/40

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 442.326+/-0.080 χ^2/NDF :1103730.2/20

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

Left In: 438.851+/-0.080 χ^2/NDF :1023509.5/19

Left: 440.587+/-0.056 χ^2/NDF : 2128186.9/40

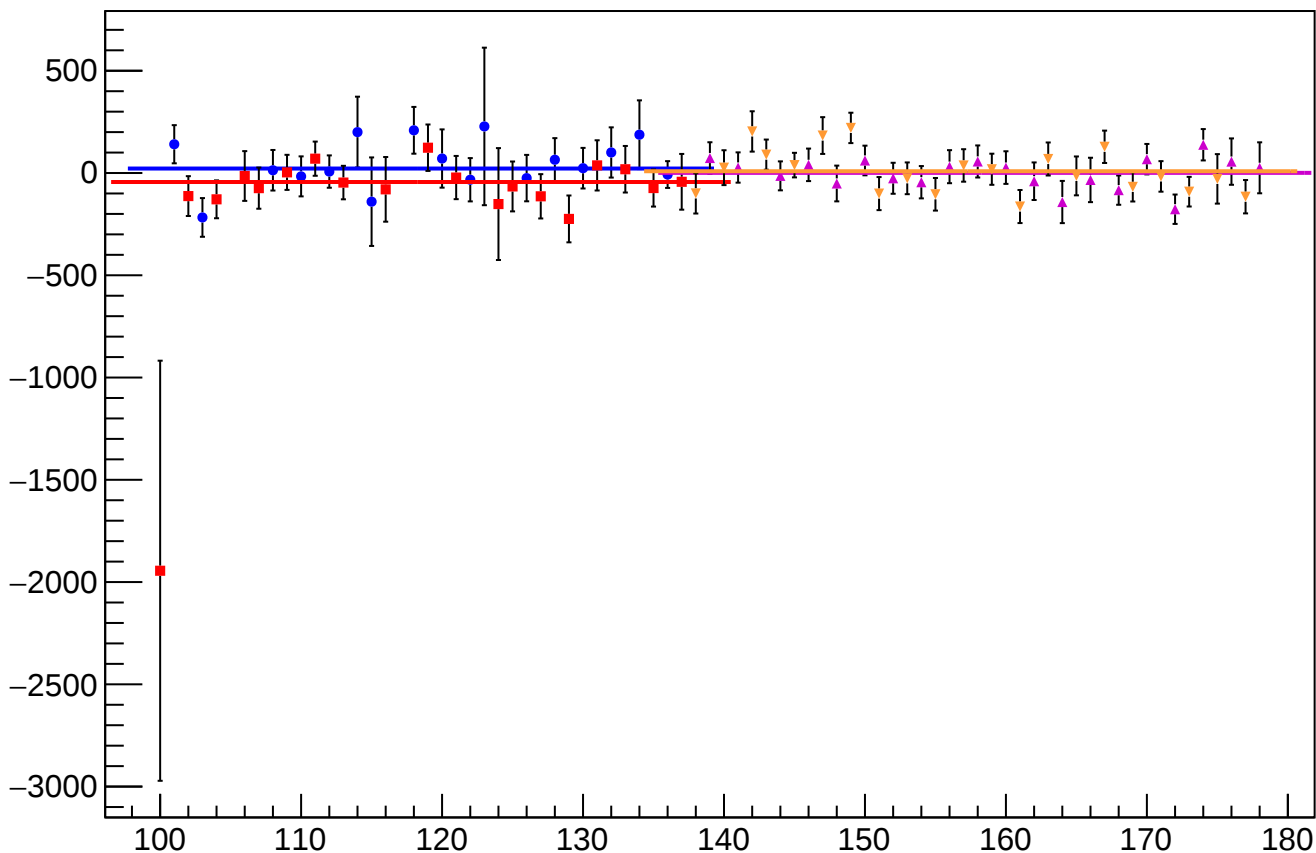
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.851+/-0.080 χ^2/NDF :1023509.5/19

Out: 442.326+/-0.080 χ^2/NDF :1103730.2/20

All: 440.587+/-0.056 χ^2/NDF : 2128186.9/40

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 χ^2/NDF : 15.1/16

Left Out: 8.682 ± 17.465 χ^2/NDF : 35.7/20

Right Out: -43.953 ± 25.108 χ^2/NDF : 13.3/18

Left In: 0.774 ± 18.208 χ^2/NDF : 17.6/19

Left: 4.893 ± 12.604 χ^2/NDF : 53.4/40

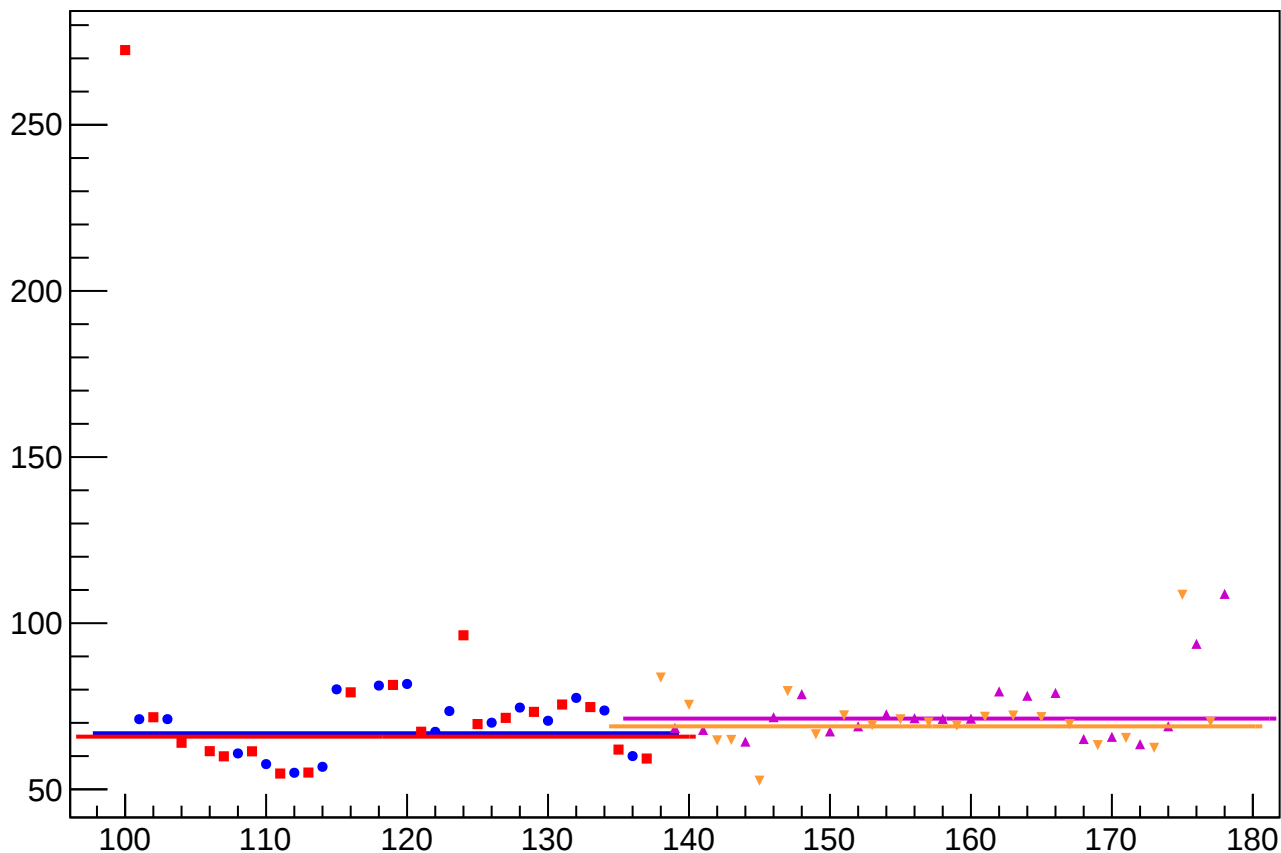
Right: -12.241 ± 18.080 χ^2/NDF : 31.7/35

In: 7.709 ± 14.925 χ^2/NDF : 33.1/36

Out: -8.481 ± 14.338 χ^2/NDF : 52.0/39

All: -0.711 ± 10.340 χ^2/NDF : 85.7/76

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: 68.950 $\pm$ 0.012 χ^2/NDF : 504269.3/20

Right Out: 65.854 $\pm$ 0.018 χ^2/NDF : 299873.8/18

Left In: 71.286 $\pm$ 0.013 χ^2/NDF : 393816.0/19

Left: 70.069 $\pm$ 0.009 χ^2/NDF : 915228.6/40

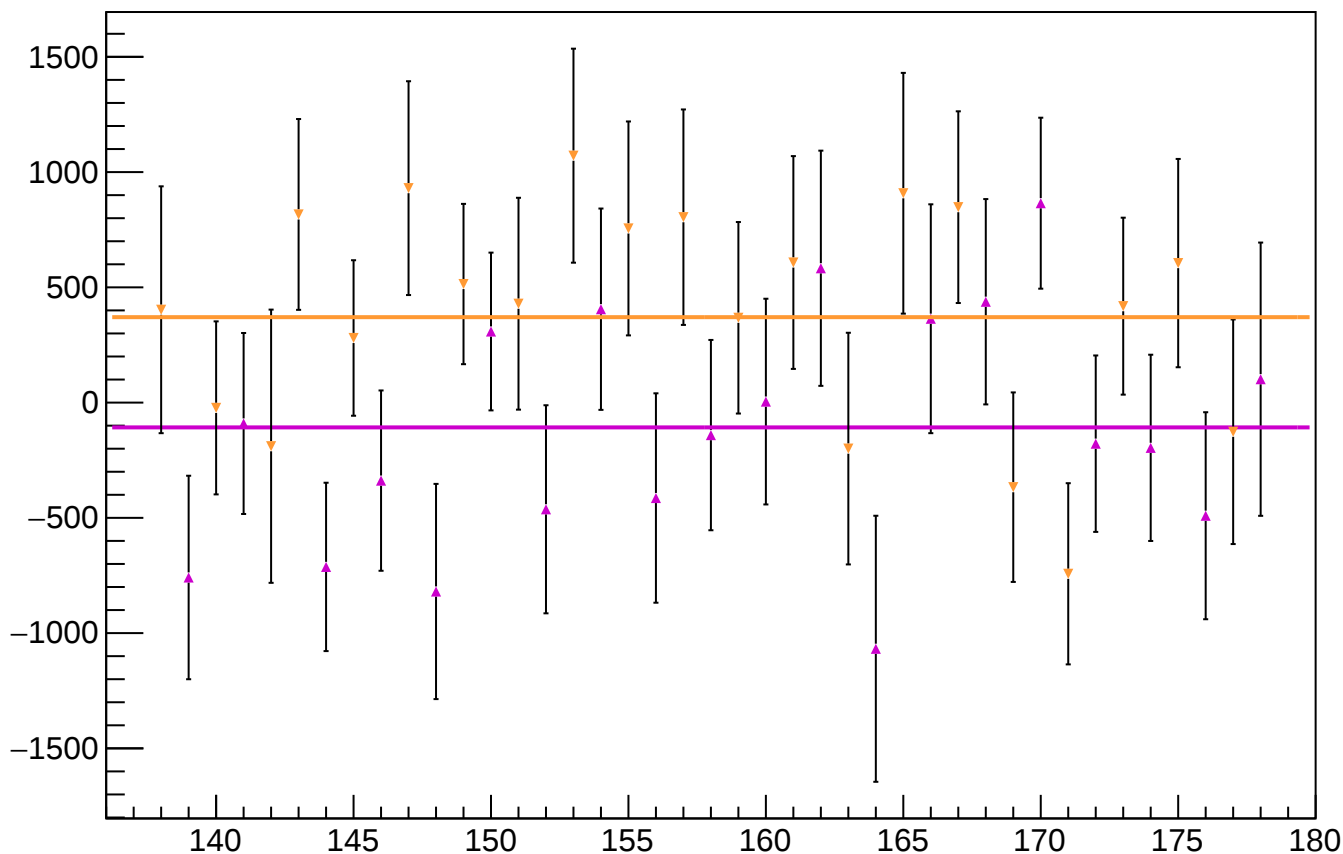
Right: 66.344 $\pm$ 0.013 χ^2/NDF : 503972.2/35

In: 69.838 $\pm$ 0.011 χ^2/NDF : 634893.8/36

Out: 67.940 $\pm$ 0.010 χ^2/NDF : 824634.2/39

All: 68.851 $\pm$ 0.007 χ^2/NDF : 1476332.7/76

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: 370.641+/-94.593 χ^2/NDF :25.2/20

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

Left In: -107.568+/-95.939 χ^2/NDF :26.4/19

Left: 134.915+/-67.358 χ^2/NDF : 64.2/40

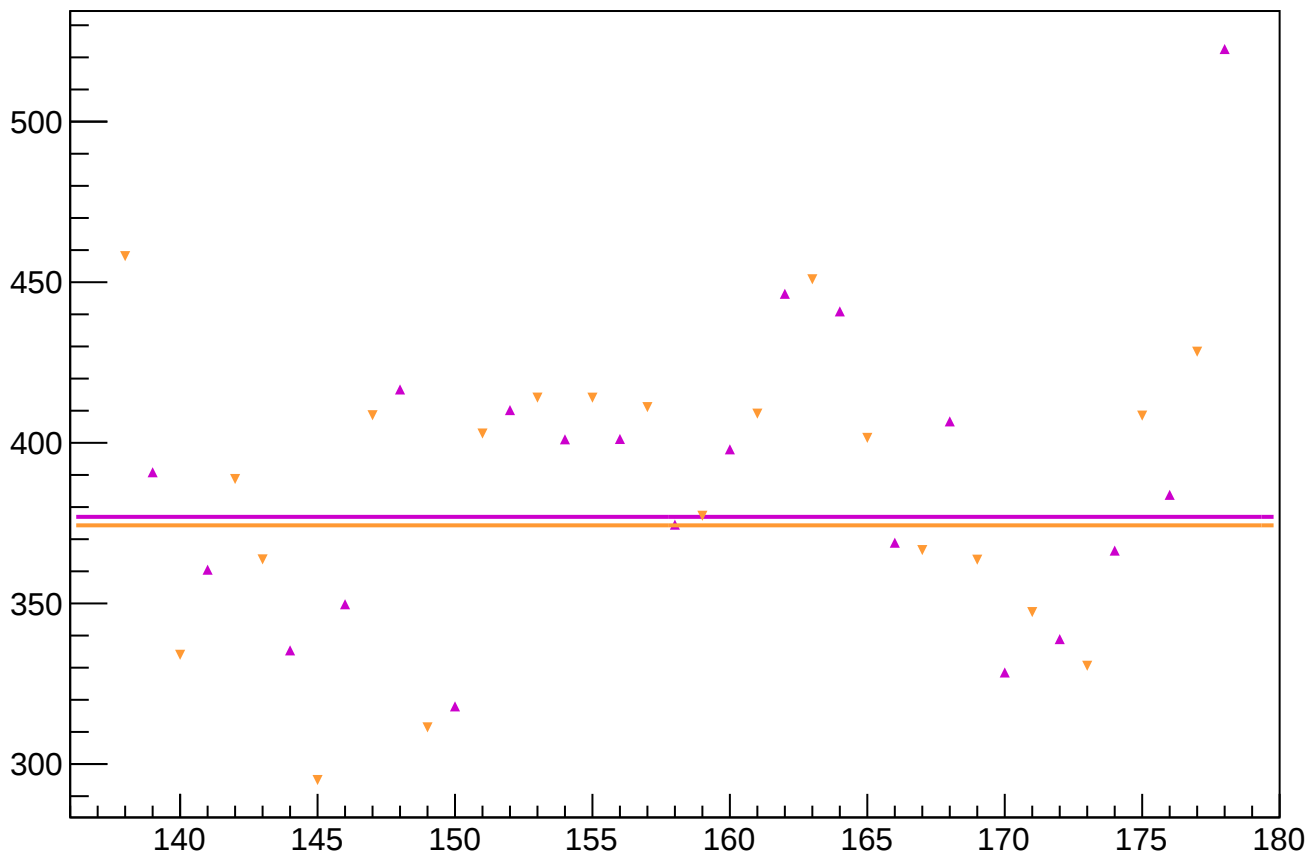
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -107.568+/-95.939 χ^2/NDF :26.4/19

Out: 370.641+/-94.593 χ^2/NDF :25.2/20

All: 134.915+/-67.358 χ^2/NDF : 64.2/40

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: 374.310+/-0.067 χ^2/NDF : 447697.2/20

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

Left In: 376.958+/-0.068 χ^2/NDF : 389658.3/19

Left: 375.615+/-0.048 χ^2/NDF : 838127.7/40

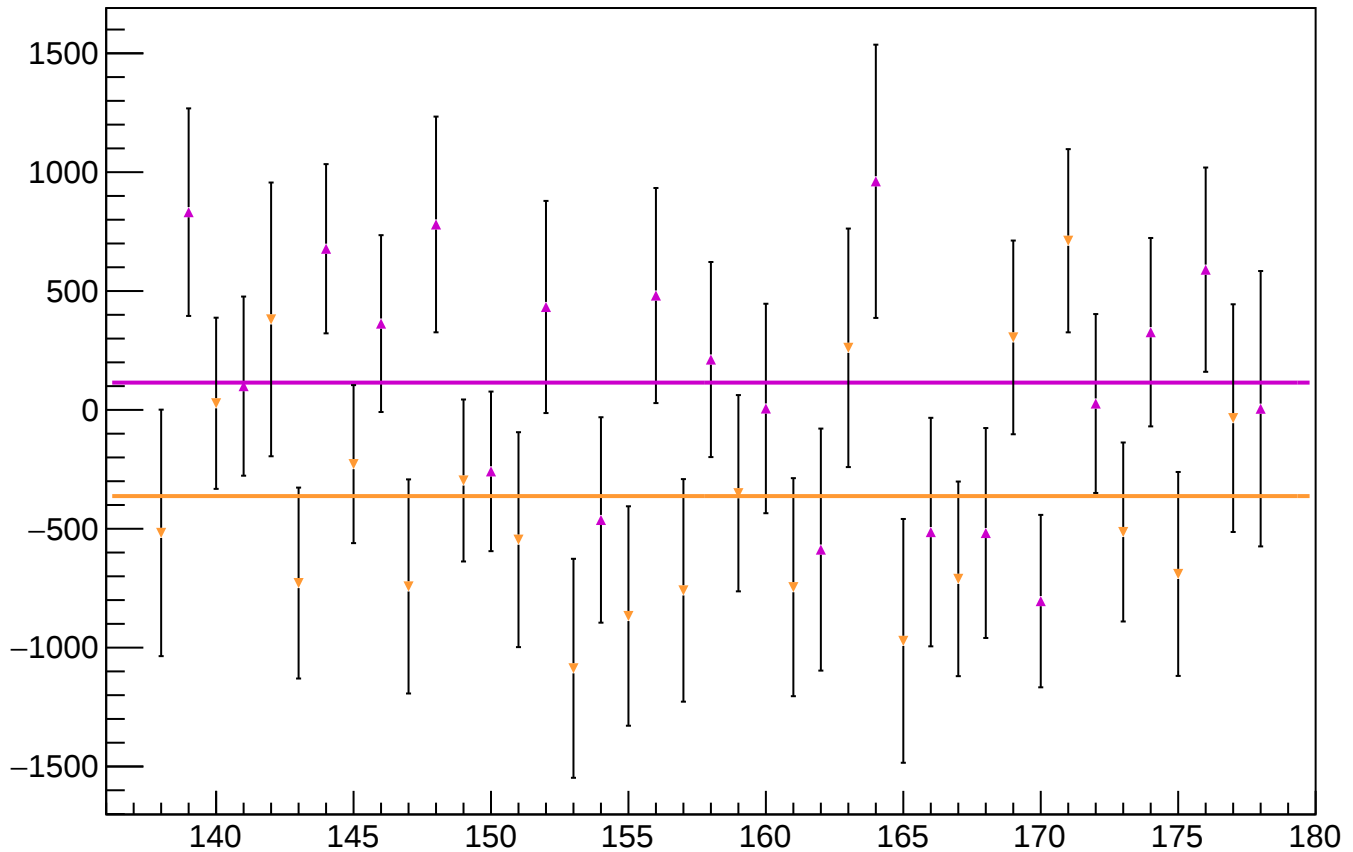
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 376.958+/-0.068 χ^2/NDF : 389658.3/19

Out: 374.310+/-0.067 χ^2/NDF : 447697.2/20

All: 375.615+/-0.048 χ^2/NDF : 838127.7/40

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -362.555+/-92.810 χ^2/NDF :25.3/20

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

Left In: 114.792+/-93.956 χ^2/NDF :28.0/19

Left: -126.810+/-66.028 χ^2/NDF : 66.3/40

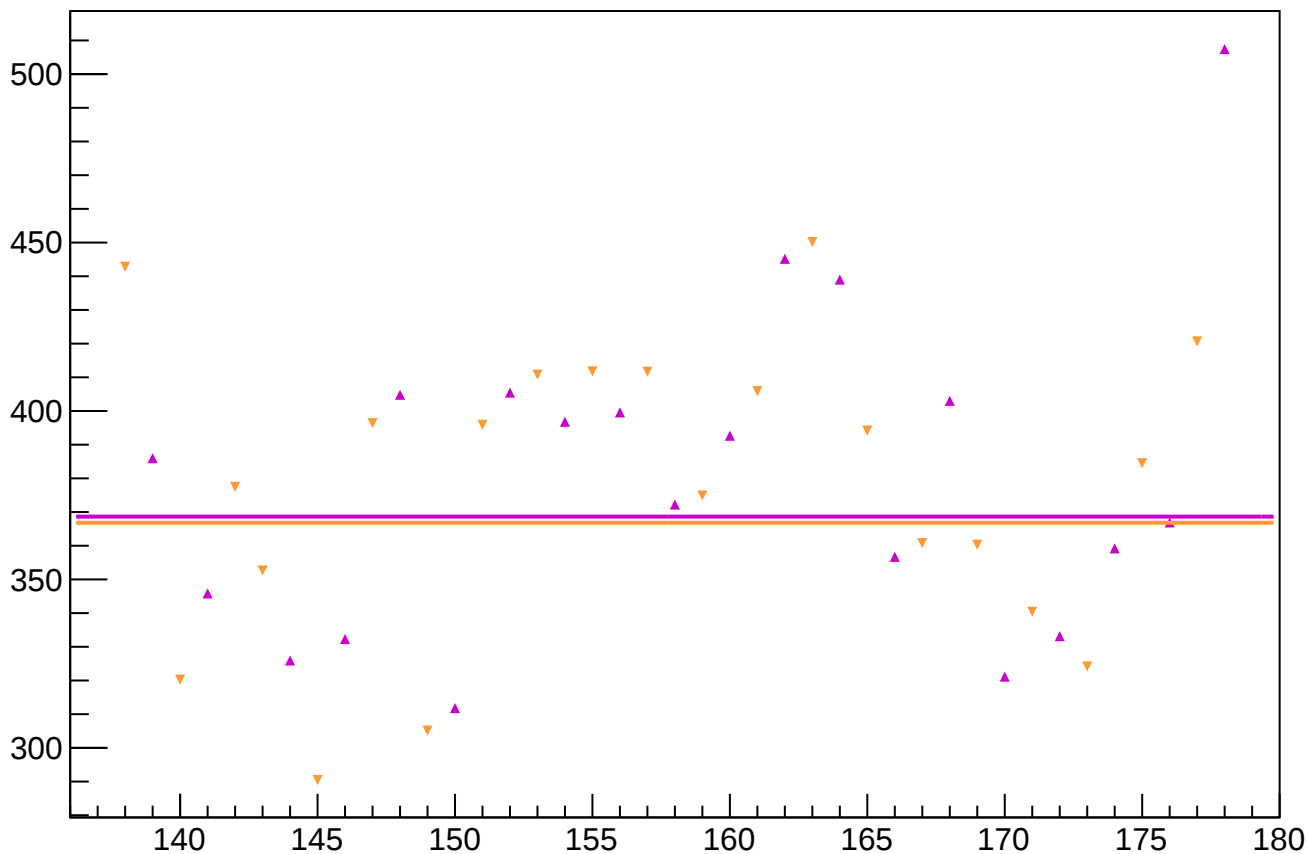
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 114.792+/-93.956 χ^2/NDF :28.0/19

Out: -362.555+/-92.810 χ^2/NDF :25.3/20

All: -126.810+/-66.028 χ^2/NDF : 66.3/40

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 366.827+/-0.066 χ^2/NDF : 464109.3/20

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

Left In: 368.644+/-0.066 χ^2/NDF : 422630.7/19

Left: 367.724+/-0.047 χ^2/NDF : 887118.5/40

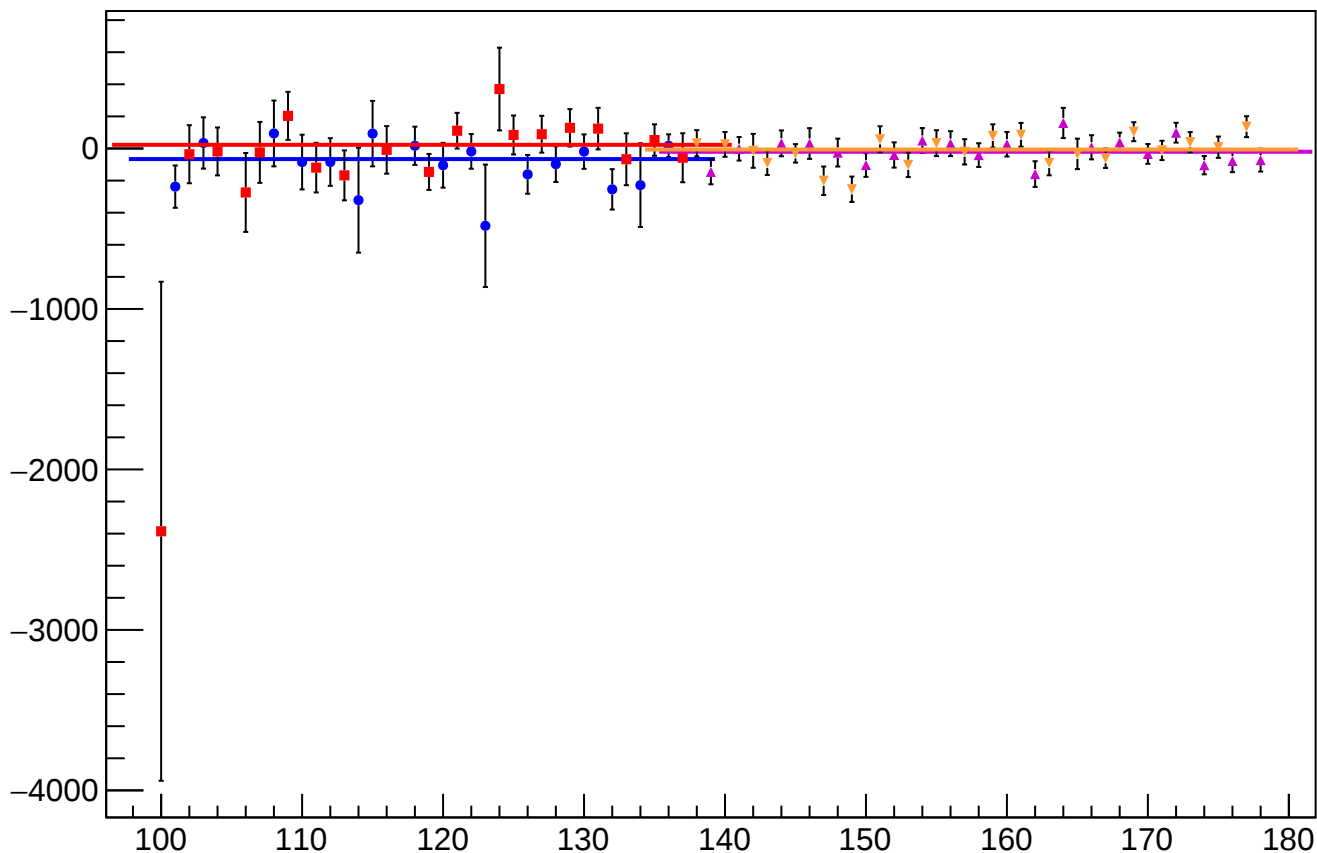
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 368.644+/-0.066 χ^2/NDF : 422630.7/19

Out: 366.827+/-0.066 χ^2/NDF : 464109.3/20

All: 367.724+/-0.047 χ^2/NDF : 887118.5/40

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: -6.332 ± 15.785 χ^2/NDF : 32.8/20

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -20.238 ± 16.358 χ^2/NDF : 21.3/19

Left: -13.037 ± 11.359 χ^2/NDF : 54.4/40

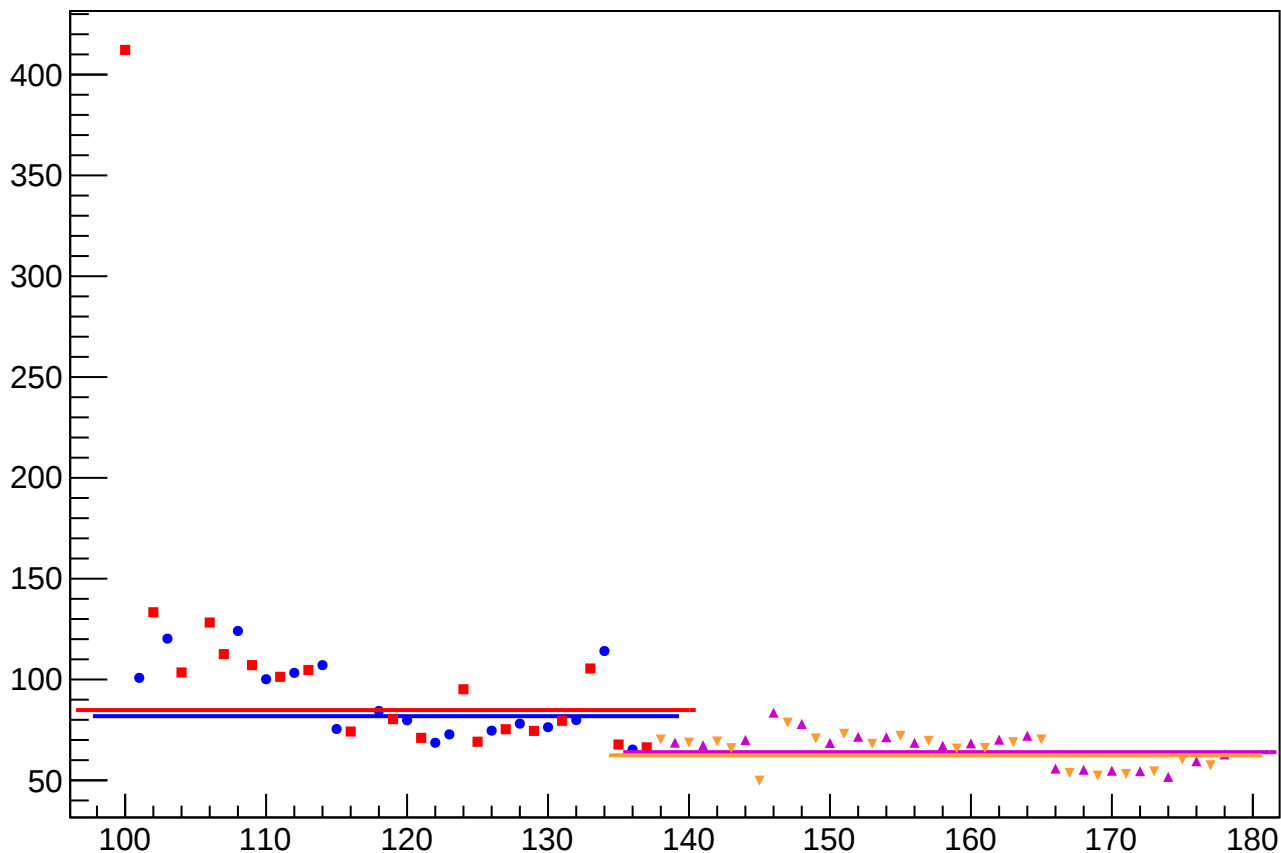
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -29.579 ± 14.592 χ^2/NDF : 33.7/36

Out: -0.828 ± 14.222 χ^2/NDF : 48.7/39

All: -14.835 ± 10.185 χ^2/NDF : 84.4/76

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 62.406 $\pm$ 0.011 χ^2/NDF : 549400.8/20

Right Out: 84.836 $\pm$ 0.023 χ^2/NDF : 704648.9/18

Left In: 63.964 $\pm$ 0.012 χ^2/NDF : 505374.1/19

Left: 63.157 $\pm$ 0.008 χ^2/NDF : 1064172.9/40

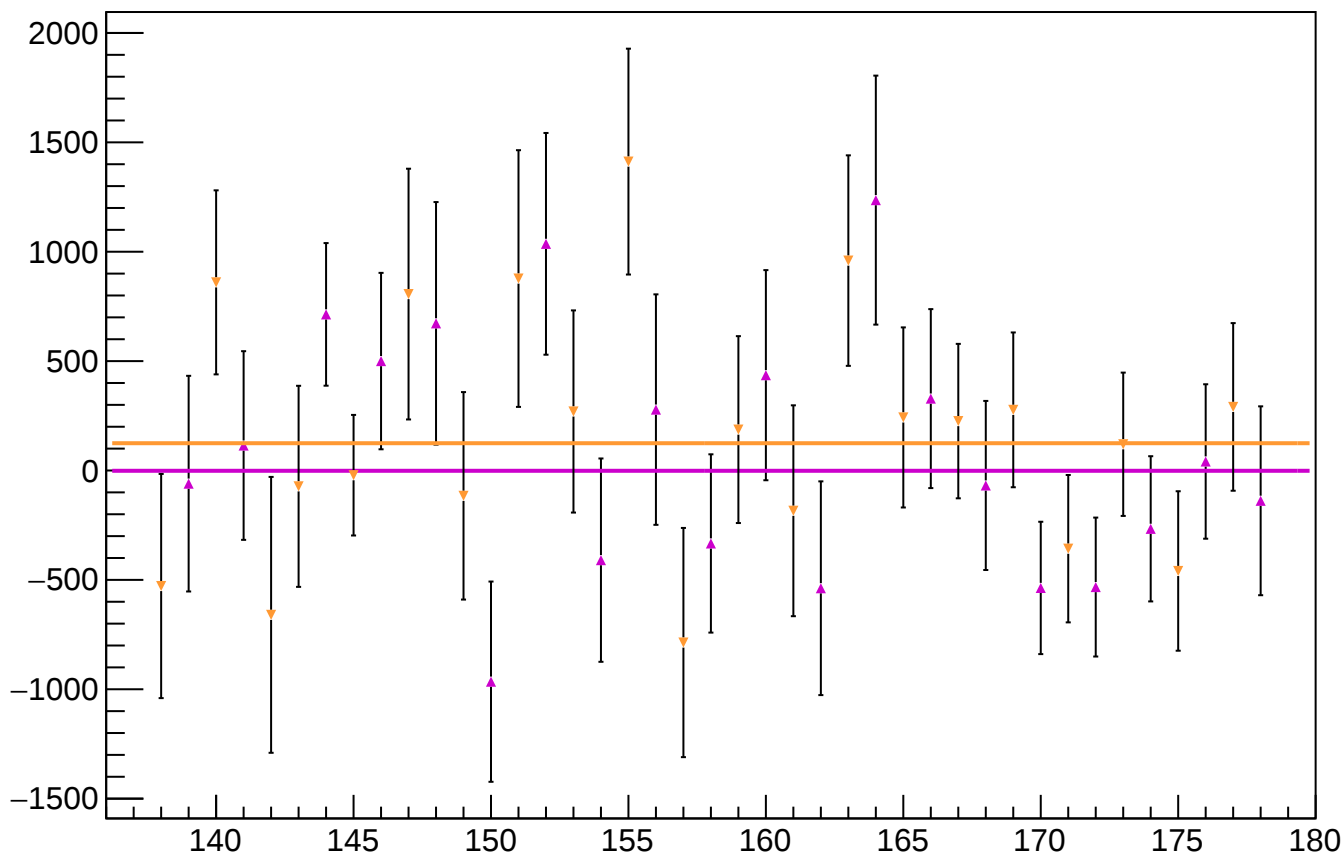
Right: 83.300 $\pm$ 0.016 χ^2/NDF : 1220504.3/35

In: 67.608 $\pm$ 0.010 χ^2/NDF : 1498664.4/36

Out: 66.628 $\pm$ 0.010 χ^2/NDF : 2014152.0/39

All: 67.105 $\pm$ 0.007 χ^2/NDF : 3517450.8/76

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: 124.727 $\pm$ 90.966 χ^2 /NDF:27.9/20

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

Left In: -1.335 $\pm$ 91.732 χ^2 /NDF:32.4/19

Left: 62.225 $\pm$ 64.592 χ^2 /NDF: 61.3/40

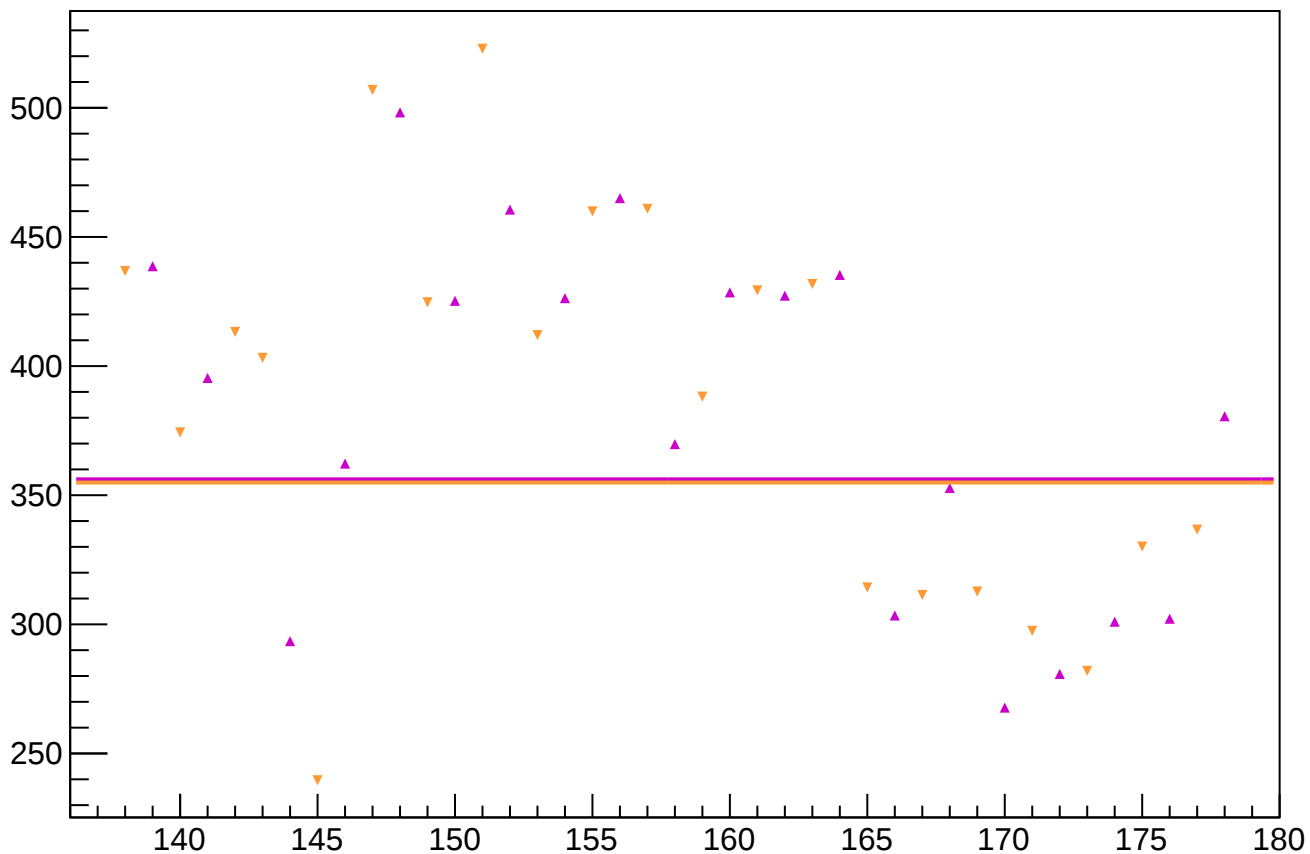
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -1.335 $\pm$ 91.732 χ^2 /NDF:32.4/19

Out: 124.727 $\pm$ 90.966 χ^2 /NDF:27.9/20

All: 62.225 $\pm$ 64.592 χ^2 /NDF: 61.3/40

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: 354.911+/-0.064 χ^2/NDF :1347827.5/20

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

Left In: 356.153+/-0.065 χ^2/NDF :1093841.7/19

Left: 355.527+/-0.046 χ^2/NDF : 2441854.1/40

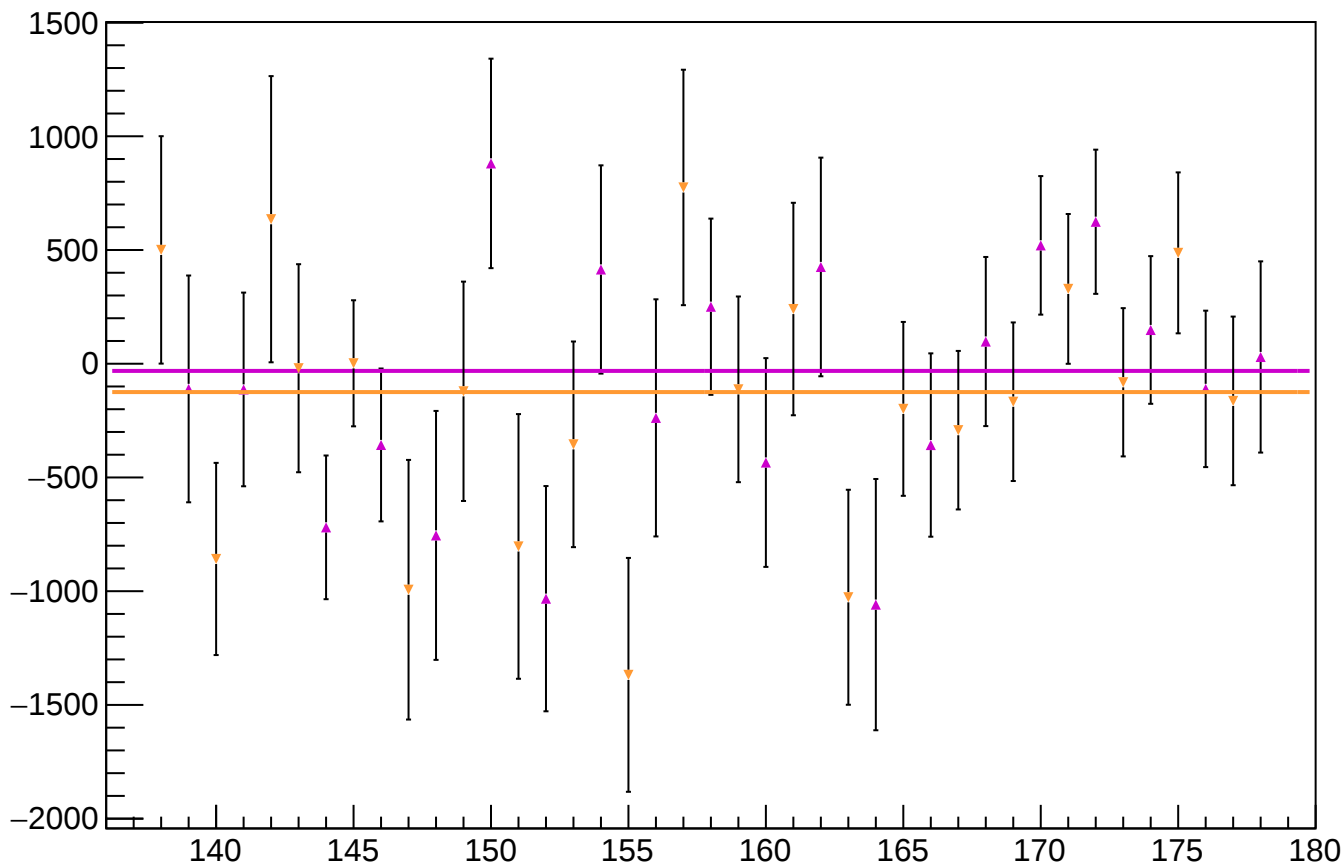
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 356.153+/-0.065 χ^2/NDF :1093841.7/19

Out: 354.911+/-0.064 χ^2/NDF :1347827.5/20

All: 355.527+/-0.046 χ^2/NDF : 2441854.1/40

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -124.597+/-89.461 χ^2/NDF :28.6/20

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

Left In: -31.554+/-89.170 χ^2/NDF :31.0/19

Left: -77.924+/-63.155 χ^2/NDF : 60.1/40

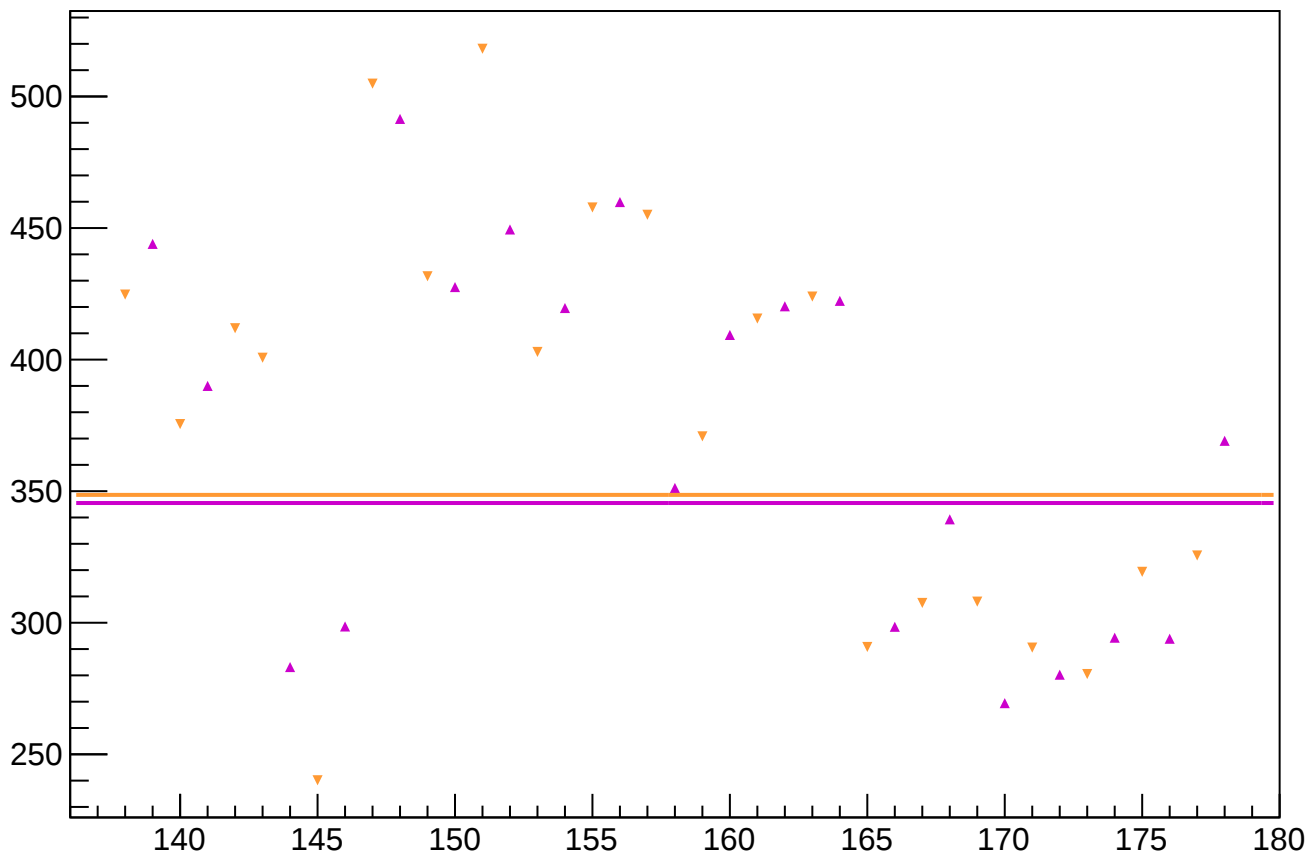
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.554+/-89.170 χ^2/NDF :31.0/19

Out: -124.597+/-89.461 χ^2/NDF :28.6/20

All: -77.924+/-63.155 χ^2/NDF : 60.1/40

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 348.592+/-0.063 χ^2/NDF :1359460.1/20

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

Left In: 345.500+/-0.063 χ^2/NDF :1124127.7/19

Left: 347.041+/-0.045 χ^2/NDF : 2484786.0/40

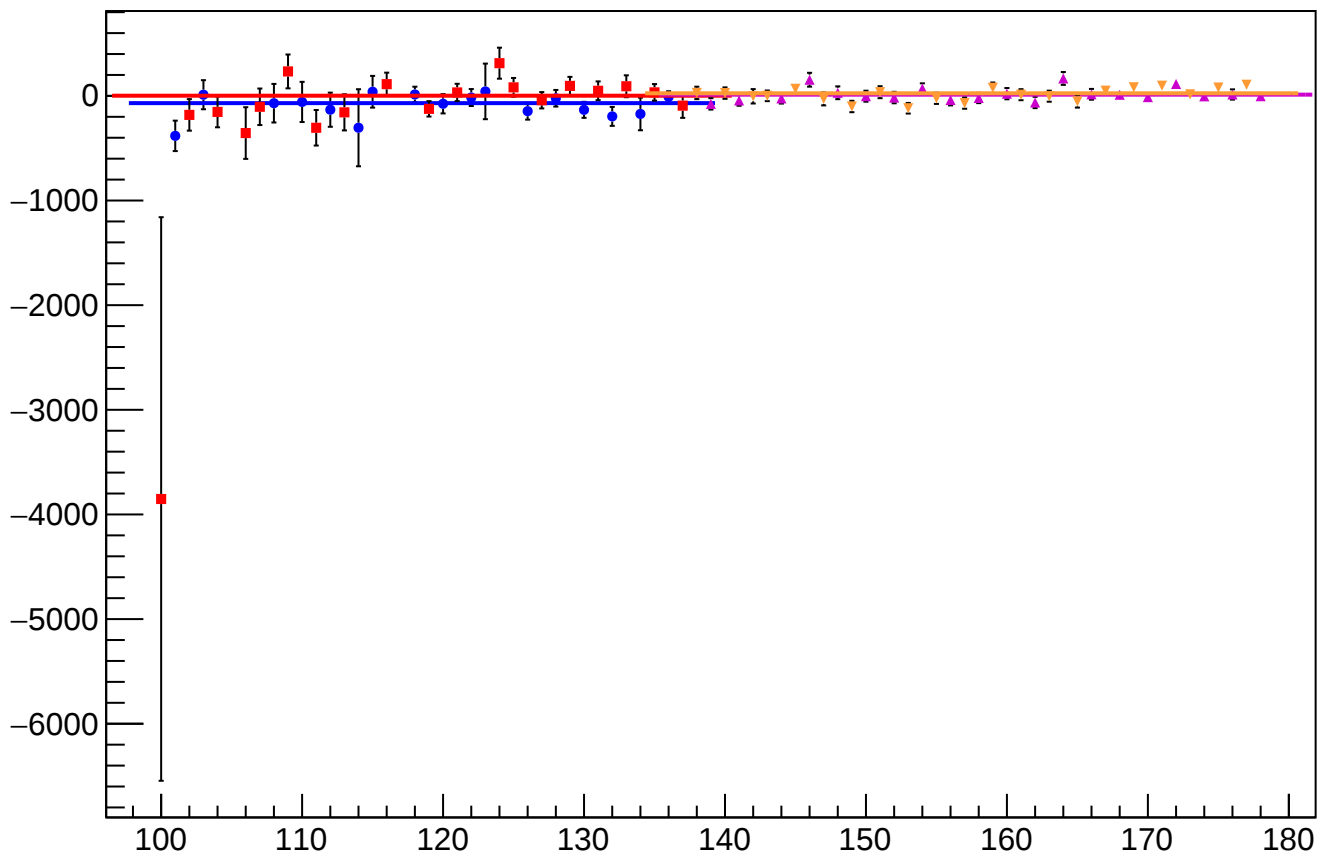
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 345.500+/-0.063 χ^2/NDF :1124127.7/19

Out: 348.592+/-0.063 χ^2/NDF :1359460.1/20

All: 347.041+/-0.045 χ^2/NDF : 2484786.0/40

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 ± 10.740 χ^2/NDF : 33.6/20

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 11.722 ± 11.055 χ^2/NDF : 27.5/19

Left: 18.457 ± 7.703 χ^2/NDF : 61.9/40

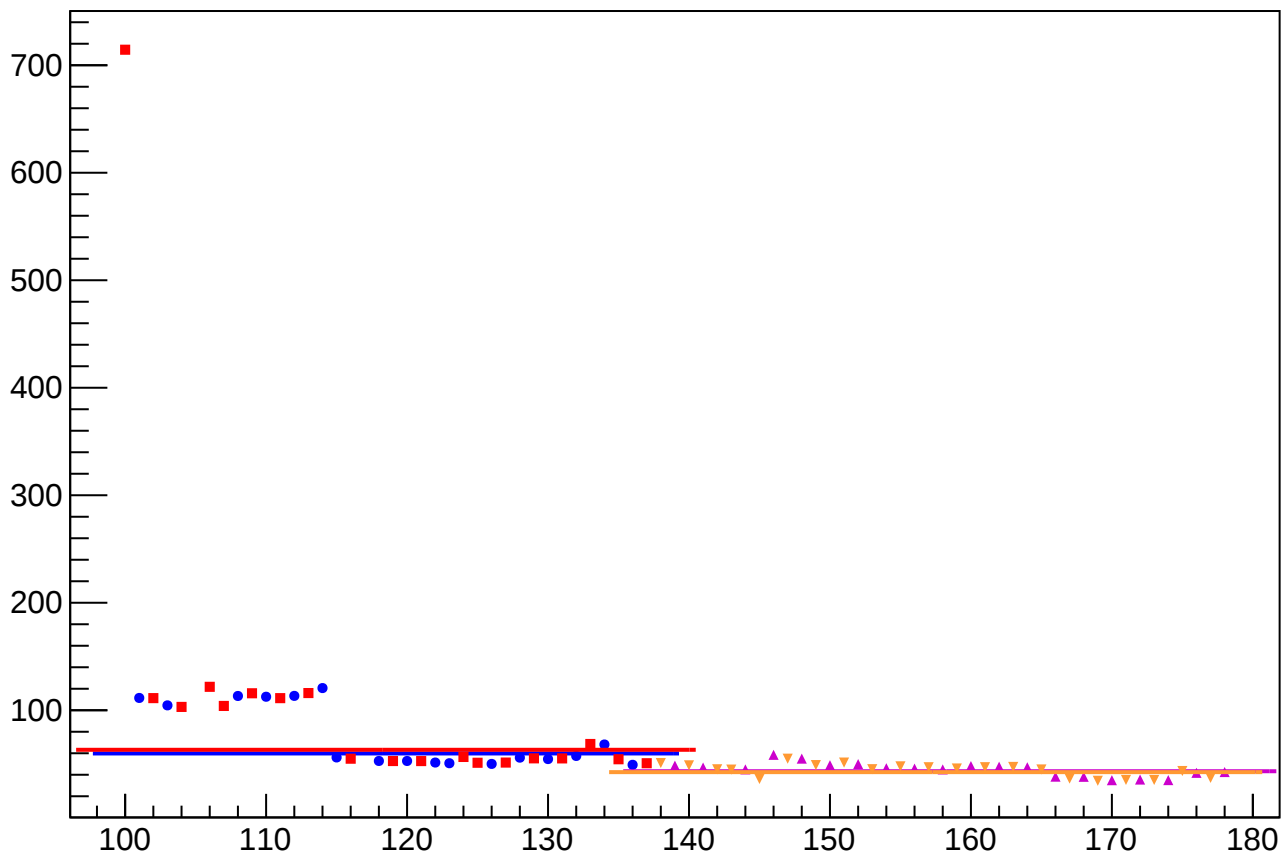
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -2.190 ± 10.060 χ^2/NDF : 50.2/36

Out: 21.265 ± 9.879 χ^2/NDF : 60.2/39

All: 9.750 ± 7.049 χ^2/NDF : 113.2/76

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: 42.440 $\pm$ 0.008 χ^2 /NDF: 656484.3/20

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 43.275 $\pm$ 0.008 χ^2 /NDF: 616068.3/19

Left: 42.845 $\pm$ 0.005 χ^2 /NDF: 1278427.2/40

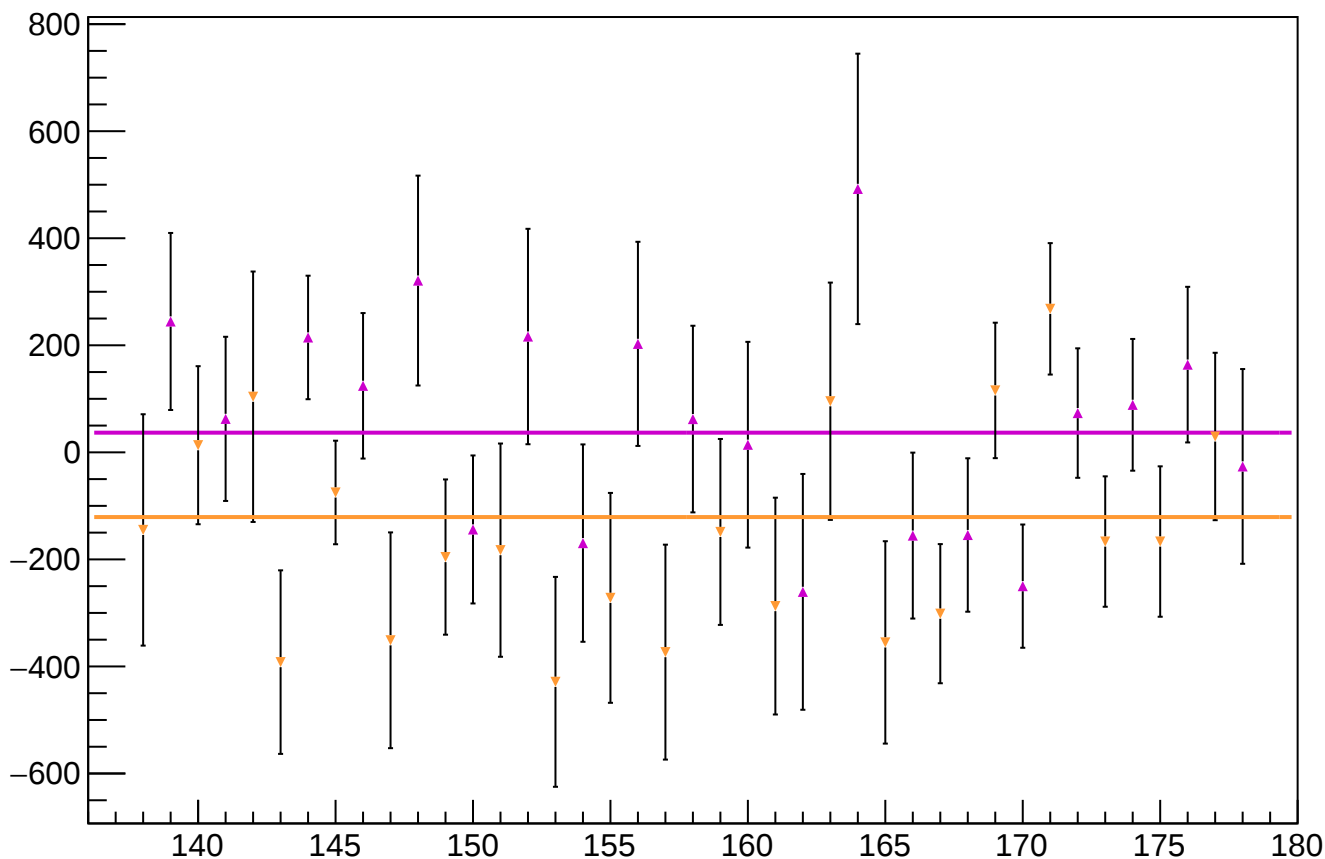
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 46.118 $\pm$ 0.007 χ^2 /NDF: 2615240.0/36

Out: 45.638 $\pm$ 0.007 χ^2 /NDF: 3313044.9/39

All: 45.873 $\pm$ 0.005 χ^2 /NDF: 5930607.3/76

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: -120.914+/-34.232 χ^2/NDF :30.6/20

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

Left In: 36.755+/-34.459 χ^2/NDF :26.8/19

Left: -42.601+/-24.286 χ^2/NDF : 67.9/40

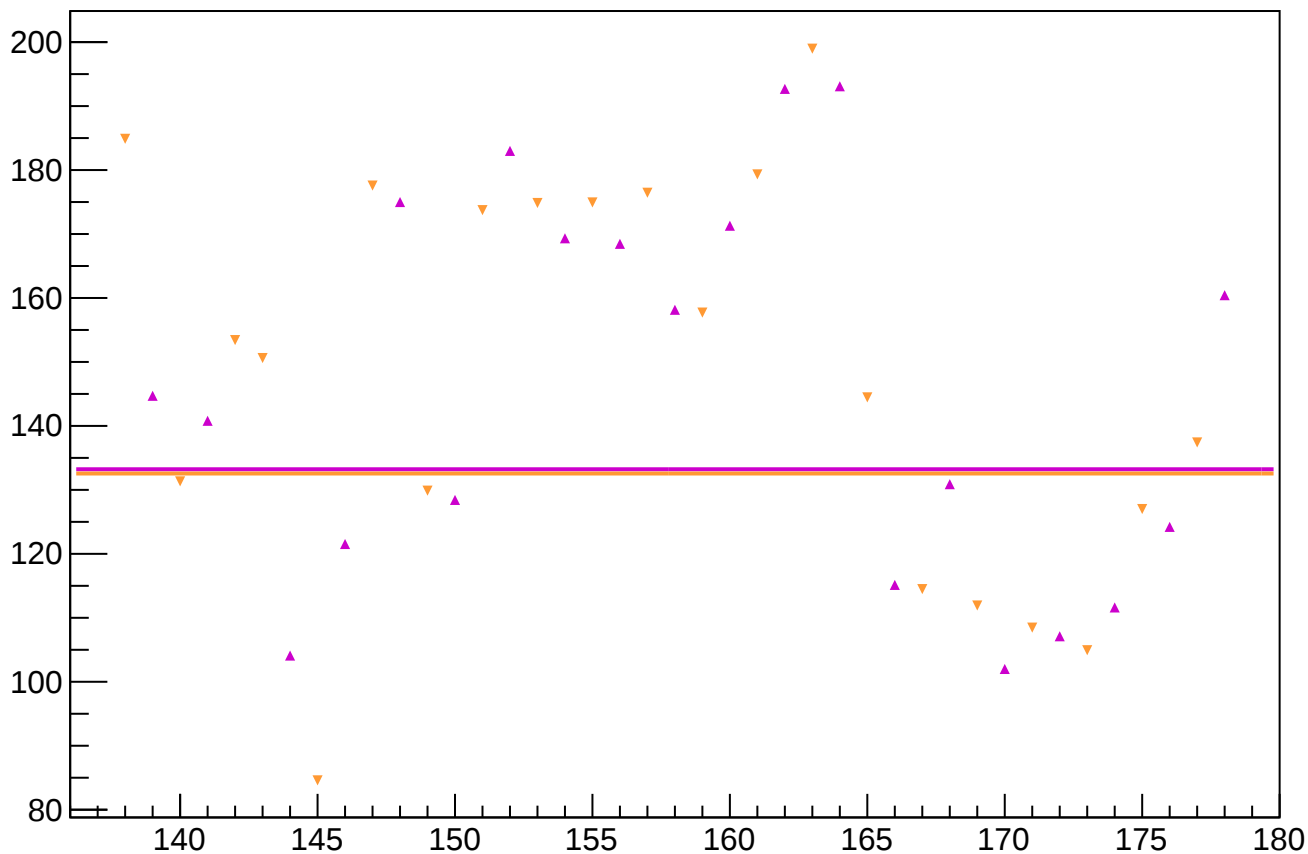
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 36.755+/-34.459 χ^2/NDF :26.8/19

Out: -120.914+/-34.232 χ^2/NDF :30.6/20

All: -42.601+/-24.286 χ^2/NDF : 67.9/40

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: 132.559+/-0.024 χ^2/NDF :1728028.8/20

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

Left In: 133.222+/-0.024 χ^2/NDF :1276787.4/19

Left: 132.888+/-0.017 χ^2/NDF : 3005188.6/40

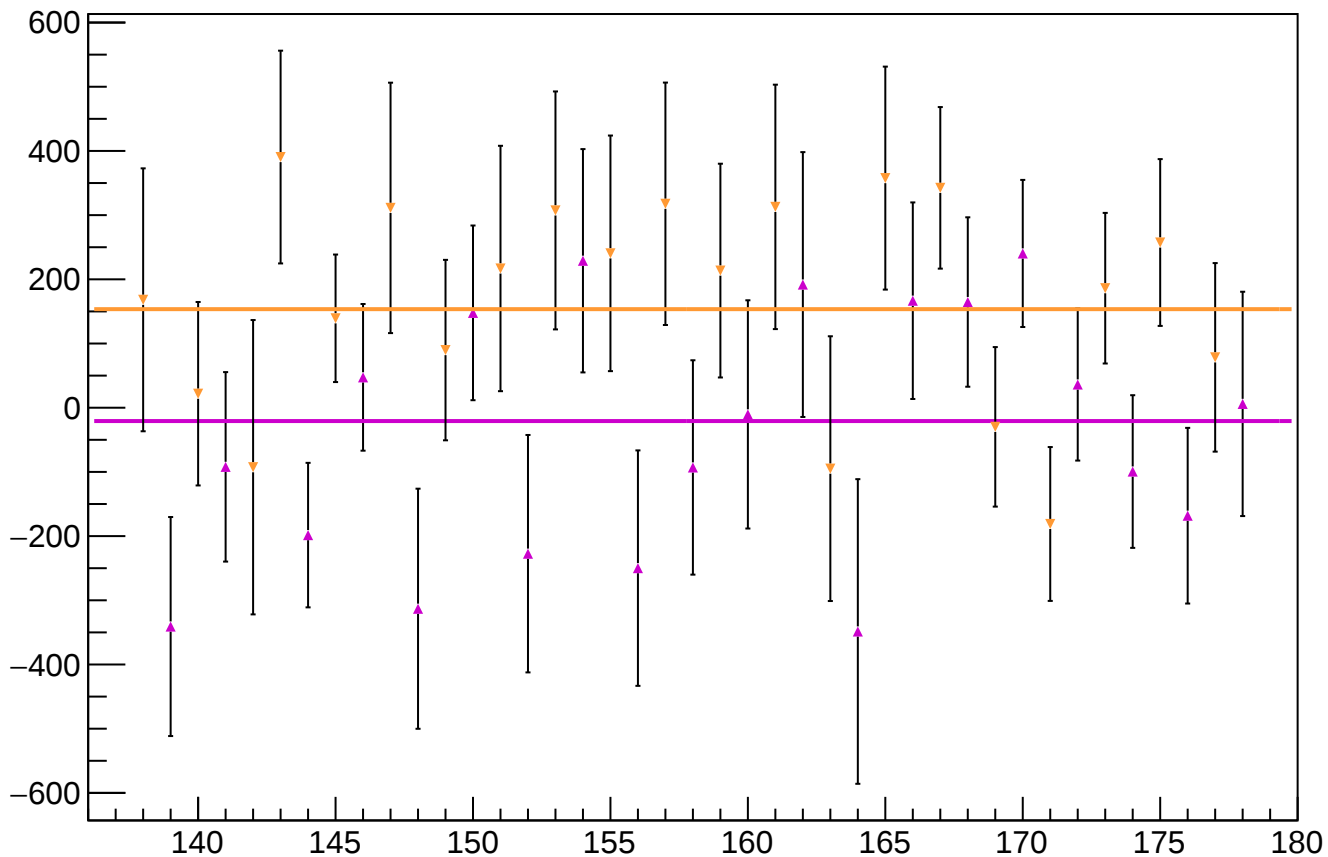
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.222+/-0.024 χ^2/NDF :1276787.4/19

Out: 132.559+/-0.024 χ^2/NDF :1728028.8/20

All: 132.888+/-0.017 χ^2/NDF : 3005188.6/40

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: 153.533 $\pm$ 33.024 χ^2 /NDF:23.6/20

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

Left In: -20.782 $\pm$ 32.905 χ^2 /NDF:29.1/19

Left: 66.060 $\pm$ 23.309 χ^2 /NDF: 66.7/40

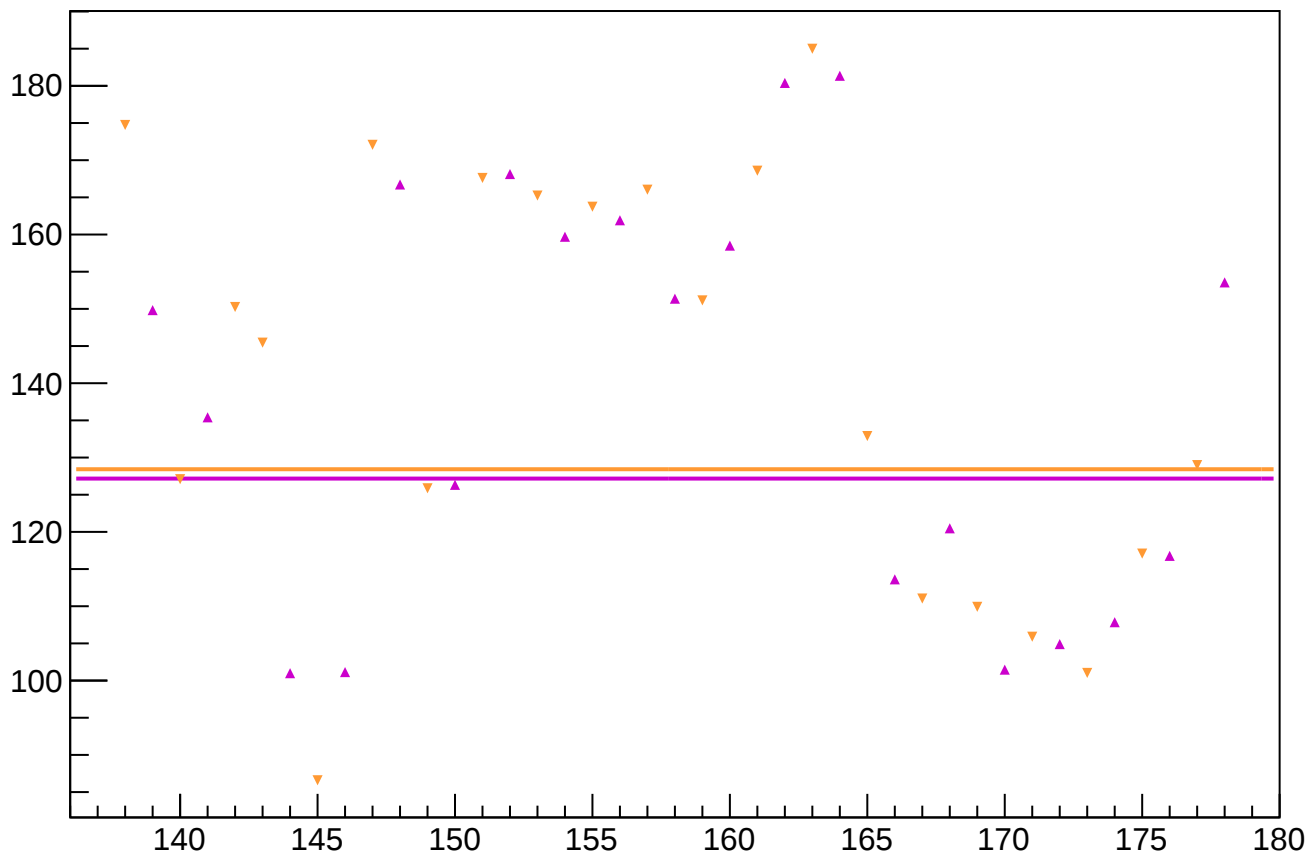
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -20.782 $\pm$ 32.905 χ^2 /NDF:29.1/19

Out: 153.533 $\pm$ 33.024 χ^2 /NDF:23.6/20

All: 66.060 $\pm$ 23.309 χ^2 /NDF: 66.7/40

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 128.429+/-0.023 χ^2/NDF :1469436.4/20

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

Left In: 127.171+/-0.023 χ^2/NDF :1226638.6/19

Left: 127.798+/-0.016 χ^2/NDF : 2697530.6/40

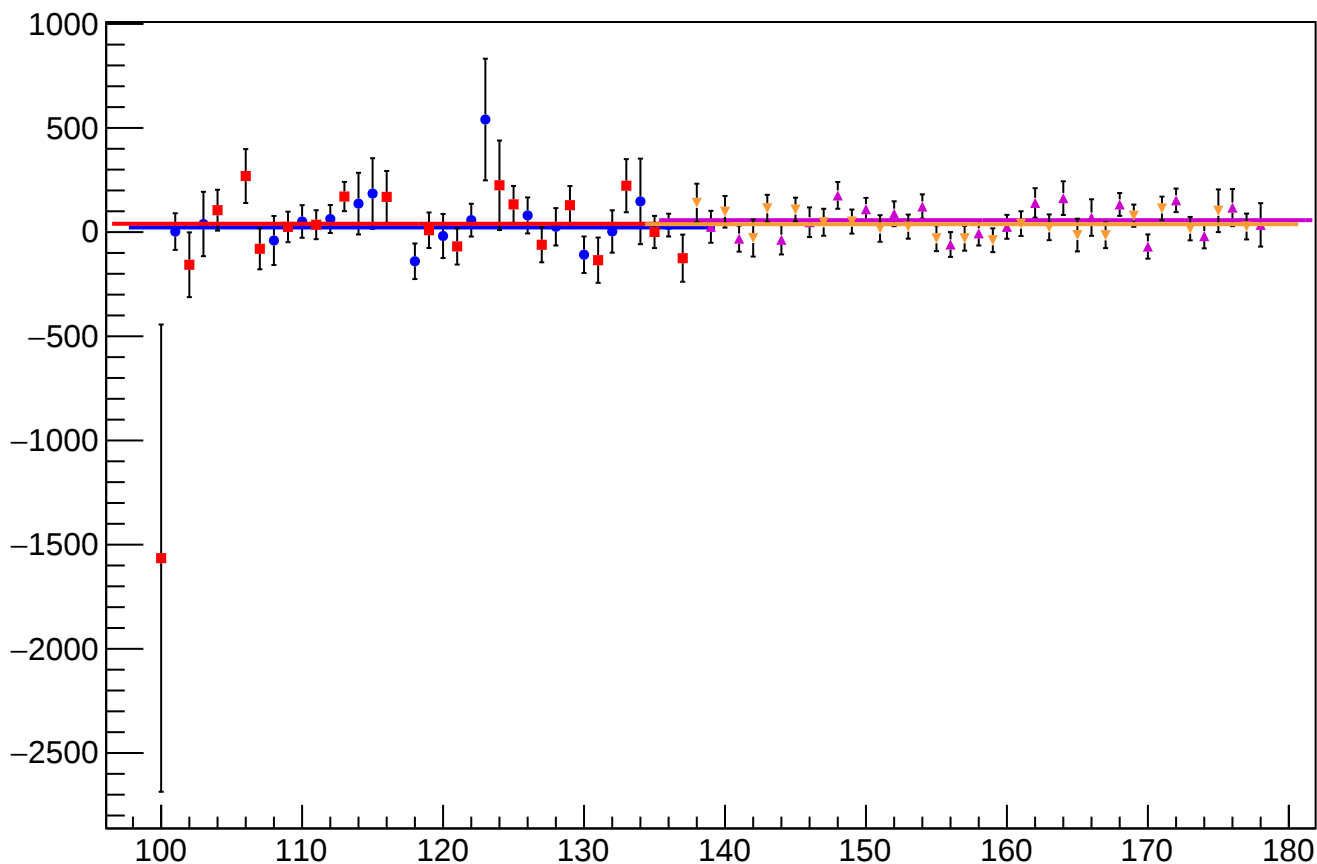
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.171+/-0.023 χ^2/NDF :1226638.6/19

Out: 128.429+/-0.023 χ^2/NDF :1469436.4/20

All: 127.798+/-0.016 χ^2/NDF : 2697530.6/40

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: 37.964 $\pm$ 13.857 χ^2 /NDF:14.0/20

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 57.249 $\pm$ 14.444 χ^2 /NDF:30.0/19

Left: 47.206 $\pm$ 9.999 χ^2 /NDF: 45.0/40

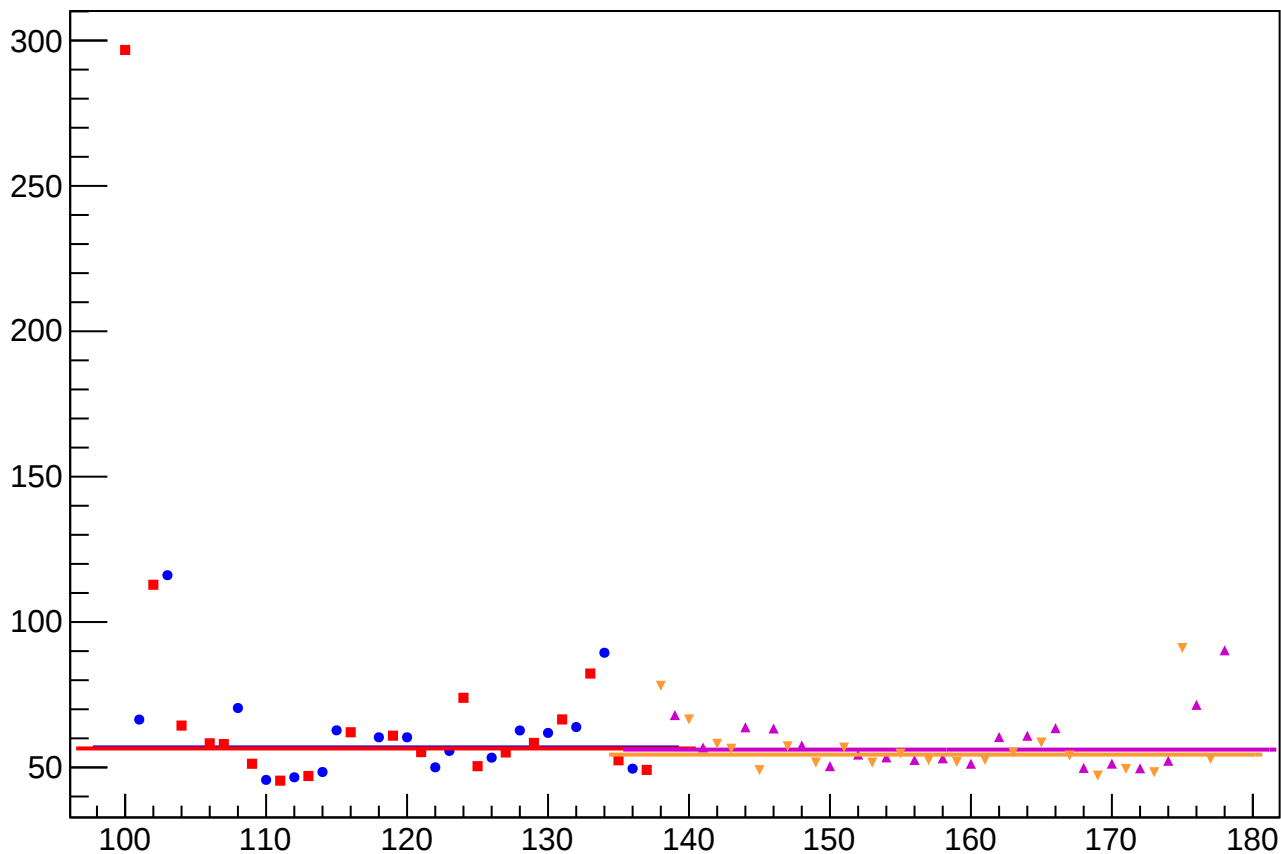
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 47.147 $\pm$ 12.175 χ^2 /NDF:44.3/36

Out: 38.605 $\pm$ 11.745 χ^2 /NDF:40.3/39

All: 42.723 $\pm$ 8.453 χ^2 /NDF: 84.9/76

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879+/-0.016 χ^2/NDF : 575487.1/16

Left Out: 54.404+/-0.010 χ^2/NDF : 568150.6/20

Right Out: 56.528+/-0.016 χ^2/NDF : 612273.7/18

Left In: 56.129+/-0.010 χ^2/NDF : 526015.6/19

Left: 55.231+/-0.007 χ^2/NDF : 1109011.7/40

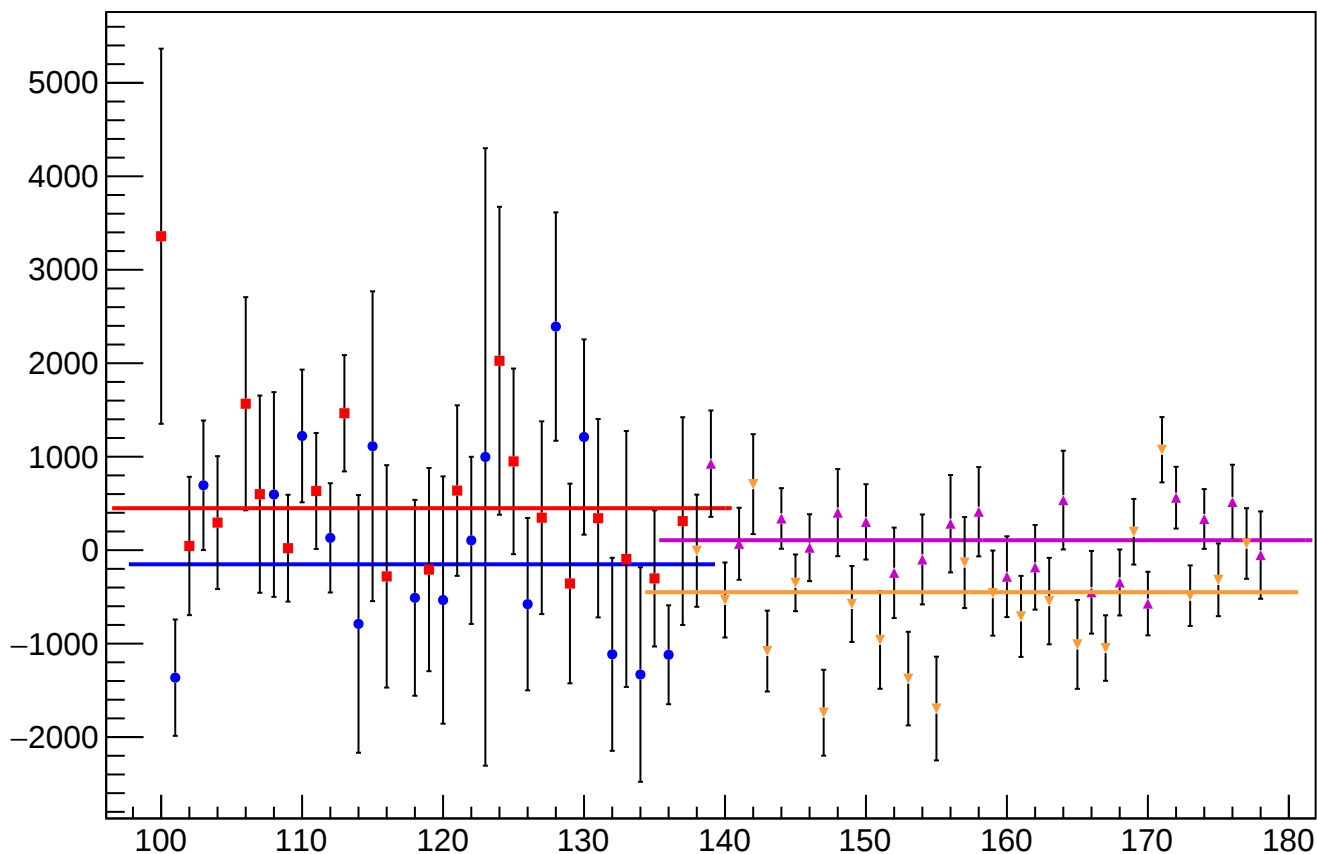
Right: 56.699+/-0.011 χ^2/NDF : 1188006.9/35

In: 56.346+/-0.009 χ^2/NDF : 1103064.8/36

Out: 55.002+/-0.008 χ^2/NDF : 1193651.8/39

All: 55.650+/-0.006 χ^2/NDF : 2309335.7/76

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -449.443 $\pm$ 90.765 χ^2 /NDF:54.4/20

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 106.252 $\pm$ 91.298 χ^2 /NDF:17.2/19

Left: -173.223 $\pm$ 64.368 χ^2 /NDF: 90.2/40

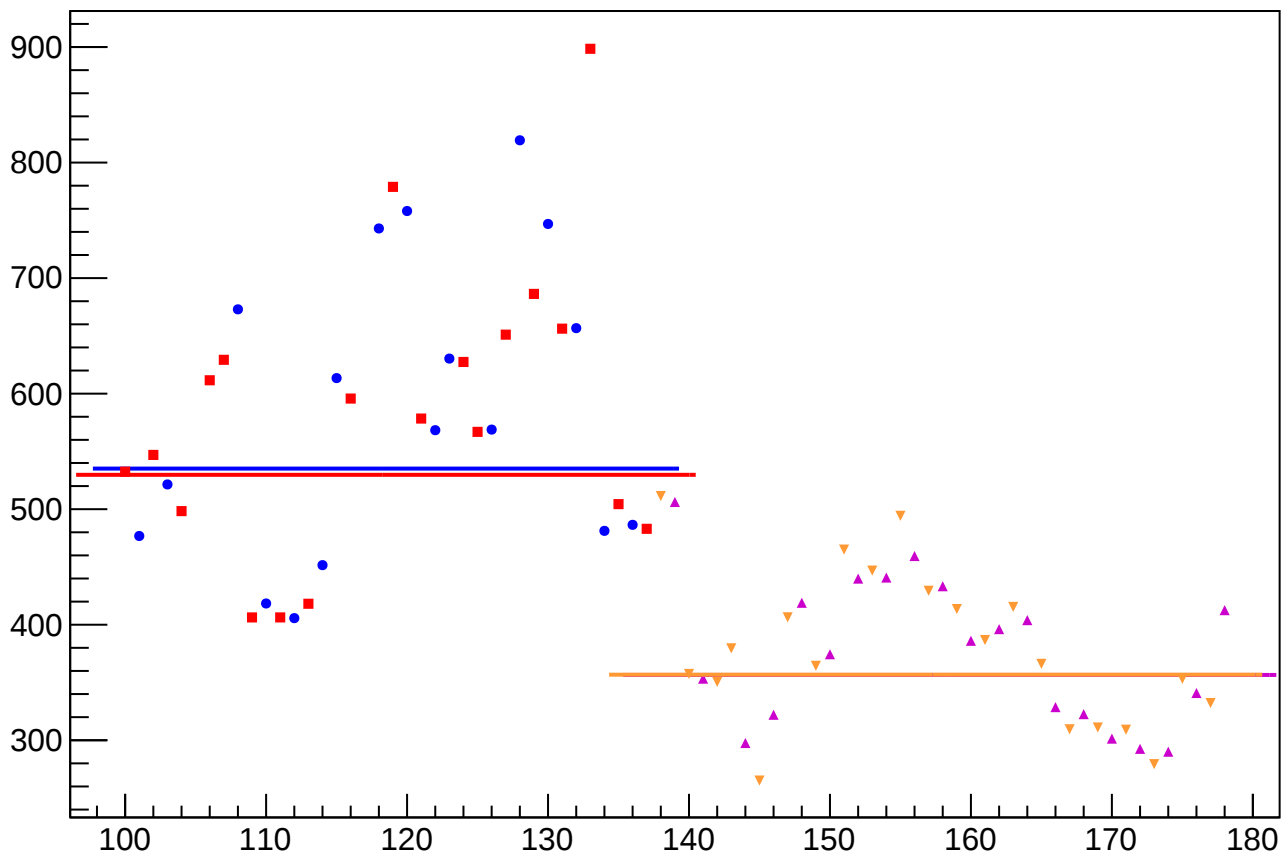
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 66.119 $\pm$ 83.880 χ^2 /NDF:40.8/36

Out: -300.989 $\pm$ 82.927 χ^2 /NDF:81.1/39

All: -119.533 $\pm$ 58.972 χ^2 /NDF: 131.7/76

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 356.753+/-0.064 χ^2/NDF : 966605.7/20

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 356.528+/-0.065 χ^2/NDF : 826341.5/19

Left: 356.641+/-0.046 χ^2/NDF : 1792953.3/40

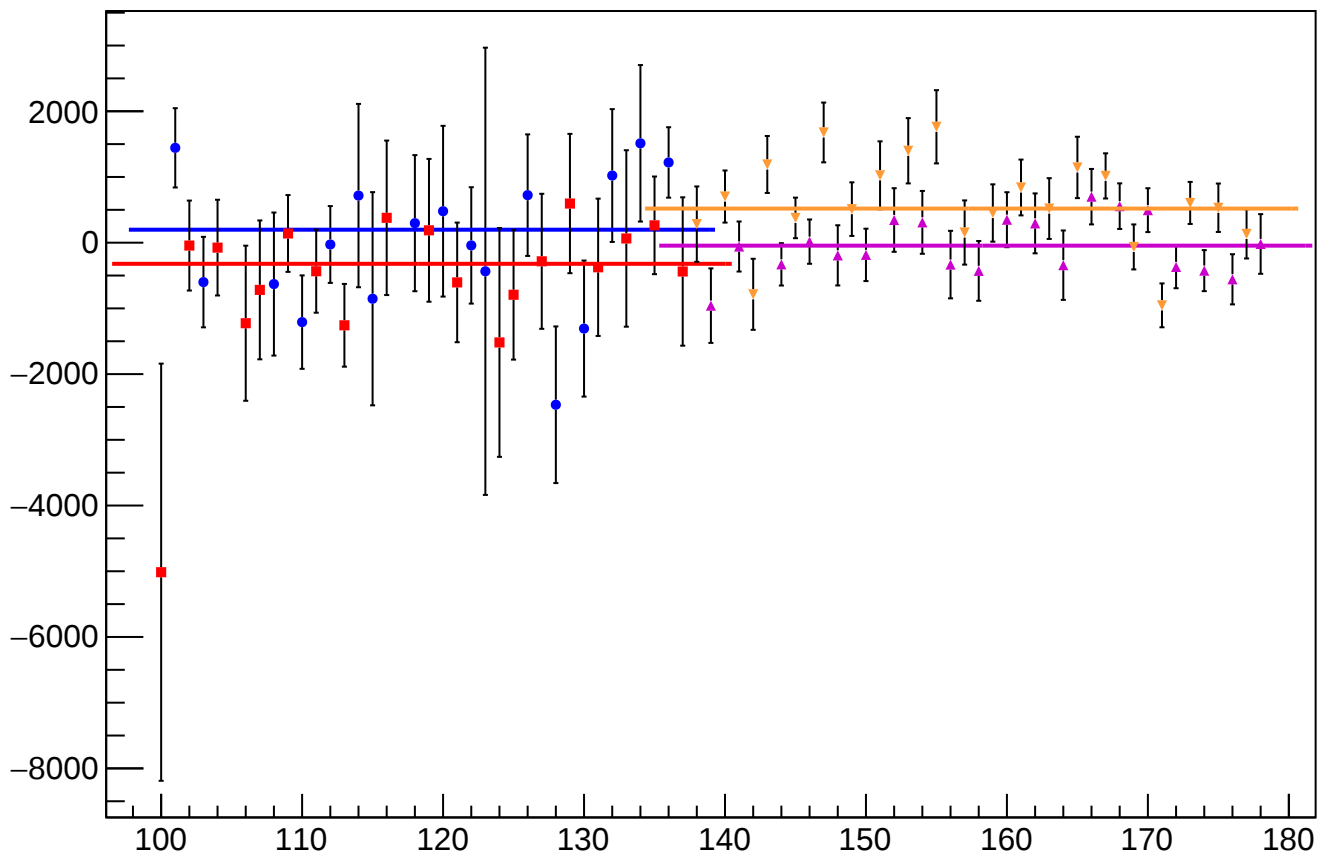
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 384.372+/-0.059 χ^2/NDF : 2615677.2/36

Out: 385.340+/-0.059 χ^2/NDF : 2813936.8/39

All: 384.861+/-0.042 χ^2/NDF : 5429748.9/76

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 519.308 $\pm$ 89.435 χ^2 /NDF:52.9/20

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -45.160 $\pm$ 89.334 χ^2 /NDF:20.7/19

Left: 236.755 $\pm$ 63.205 χ^2 /NDF: 93.5/40

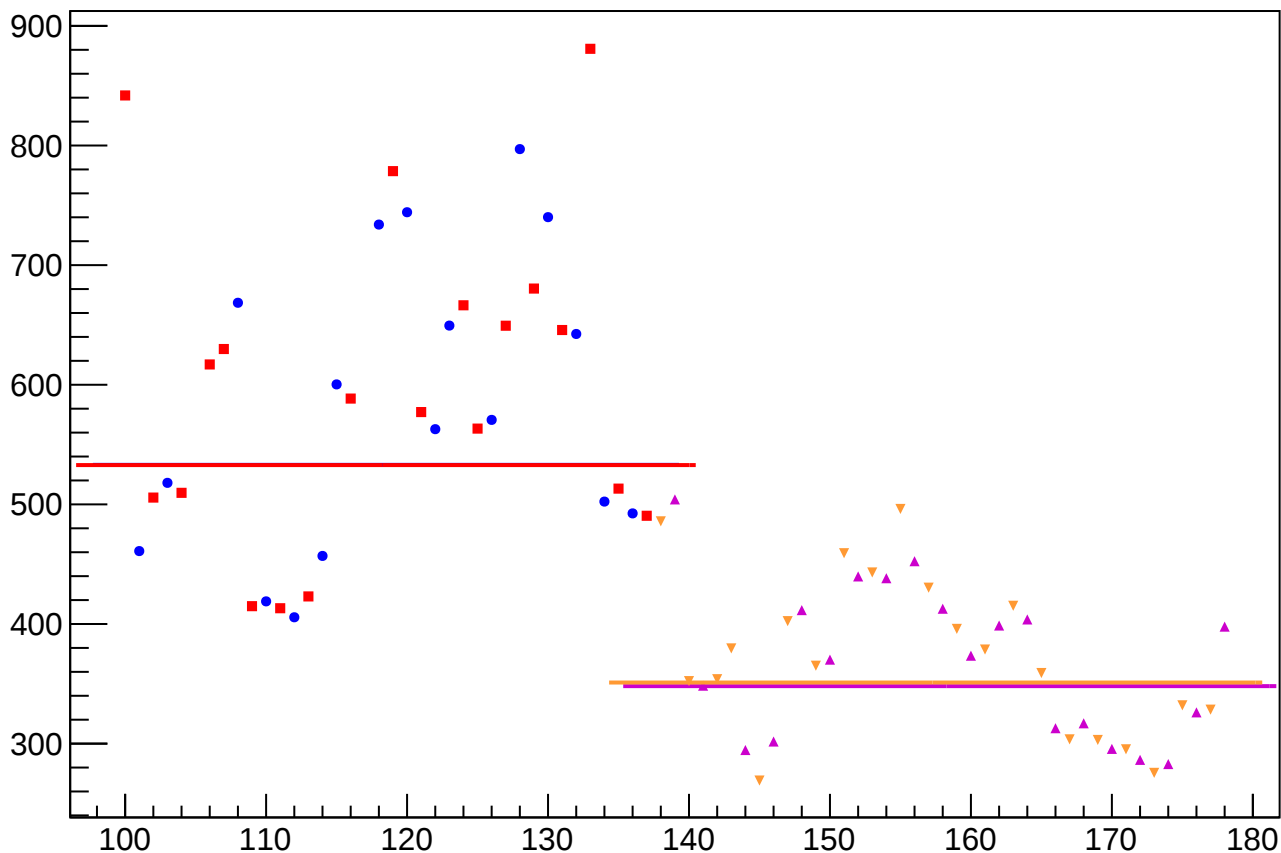
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -8.406 $\pm$ 82.293 χ^2 /NDF:45.7/36

Out: 385.150 $\pm$ 81.991 χ^2 /NDF:75.9/39

All: 189.096 $\pm$ 58.083 χ^2 /NDF: 133.1/76

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 351.082+/-0.063 χ^2/NDF : 958618.8/20

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 348.065+/-0.063 χ^2/NDF : 879083.7/19

Left: 349.572+/-0.045 χ^2/NDF : 1838841.8/40

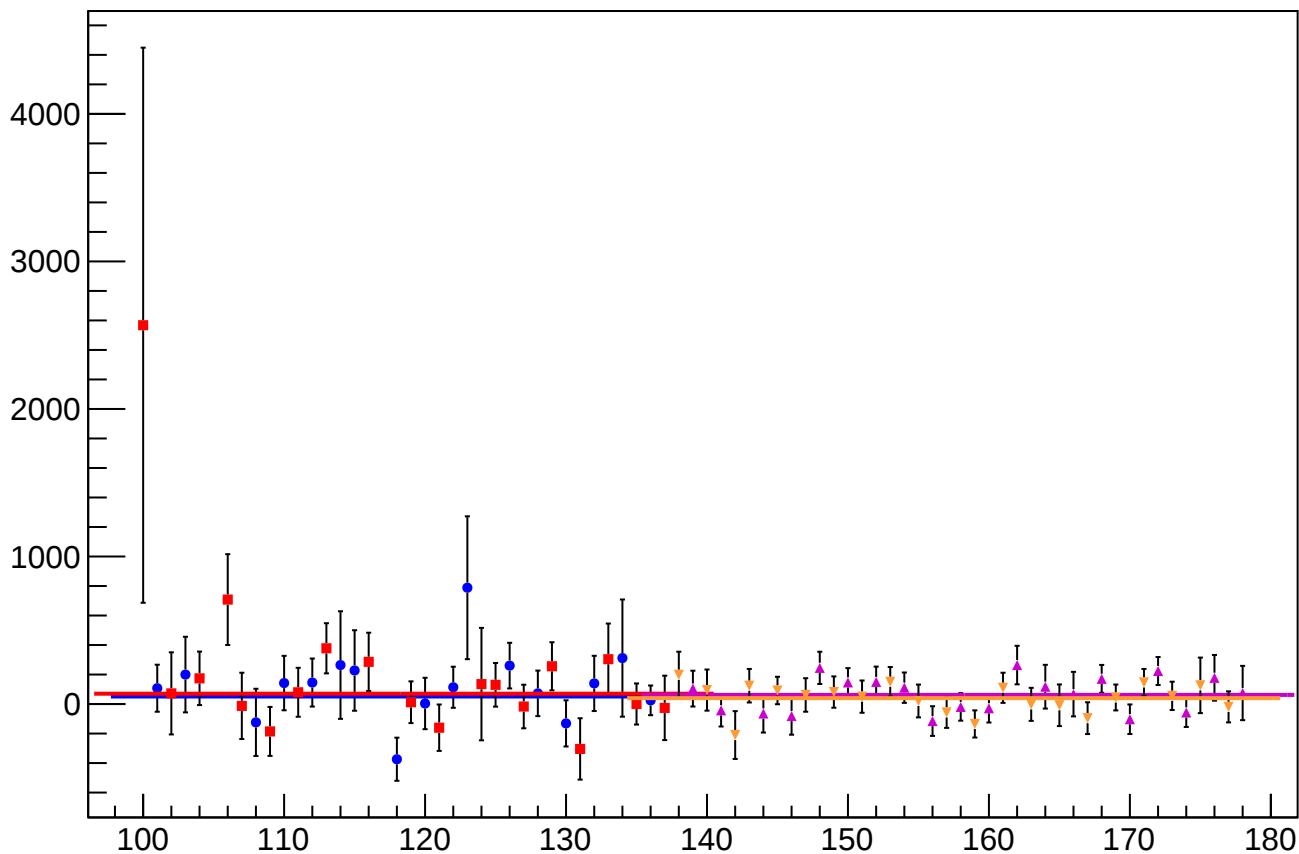
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 376.073+/-0.058 χ^2/NDF : 2744215.8/36

Out: 380.083+/-0.058 χ^2/NDF : 2893718.8/39

All: 378.086+/-0.041 χ^2/NDF : 5640318.2/76

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: 39.915 $\pm$ 23.891 χ^2 /NDF:14.6/20

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 61.782 $\pm$ 24.863 χ^2 /NDF:24.1/19

Left: 50.412 $\pm$ 17.227 χ^2 /NDF: 39.0/40

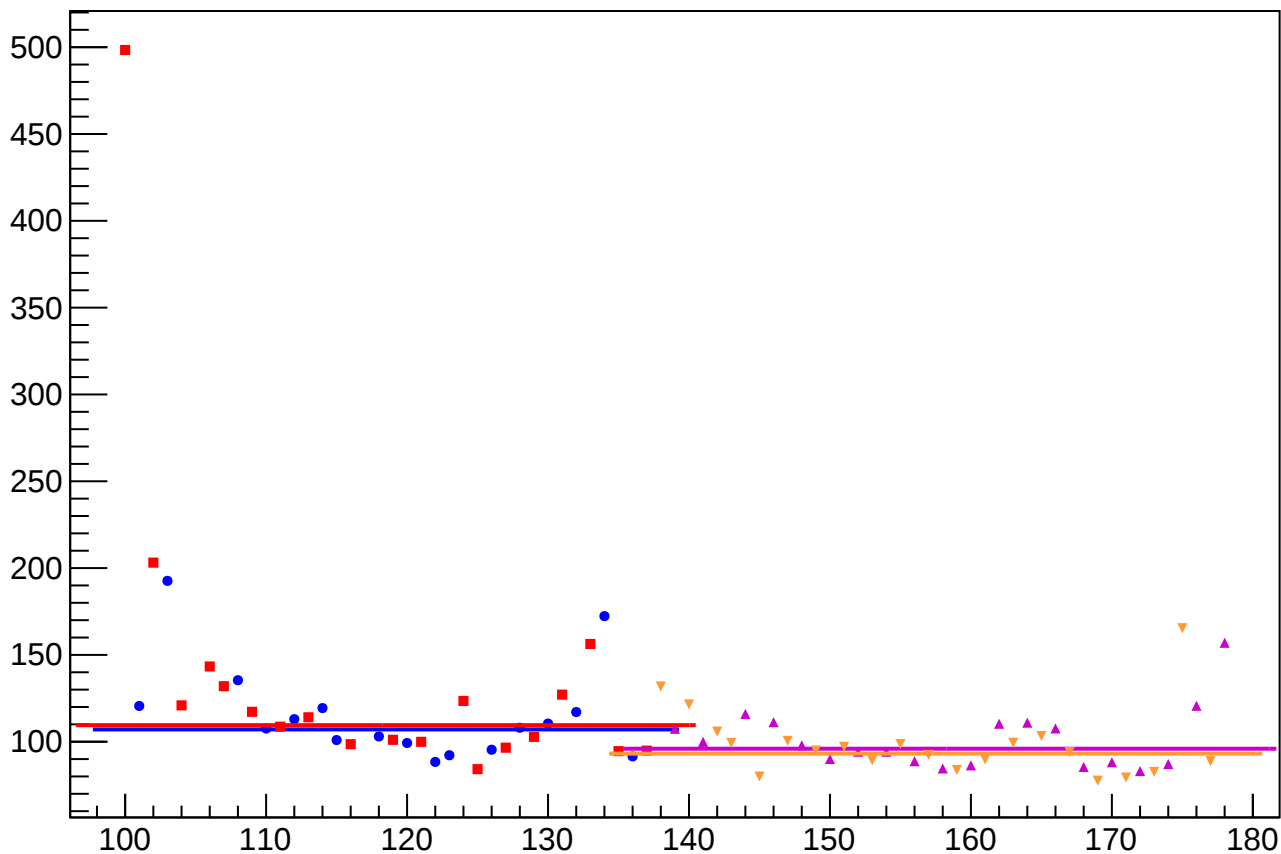
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 59.067 $\pm$ 21.450 χ^2 /NDF:41.5/36

Out: 47.081 $\pm$ 20.860 χ^2 /NDF:37.1/39

All: 52.907 $\pm$ 14.954 χ^2 /NDF: 78.7/76

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: 93.147 $\pm$ 0.017 χ^2/NDF : 753329.5/20

Right Out: 109.530 $\pm$ 0.030 χ^2/NDF : 591522.9/18

Left In: 95.973 $\pm$ 0.018 χ^2/NDF : 584005.1/19

Left: 94.504 $\pm$ 0.012 χ^2/NDF : 1350765.3/40

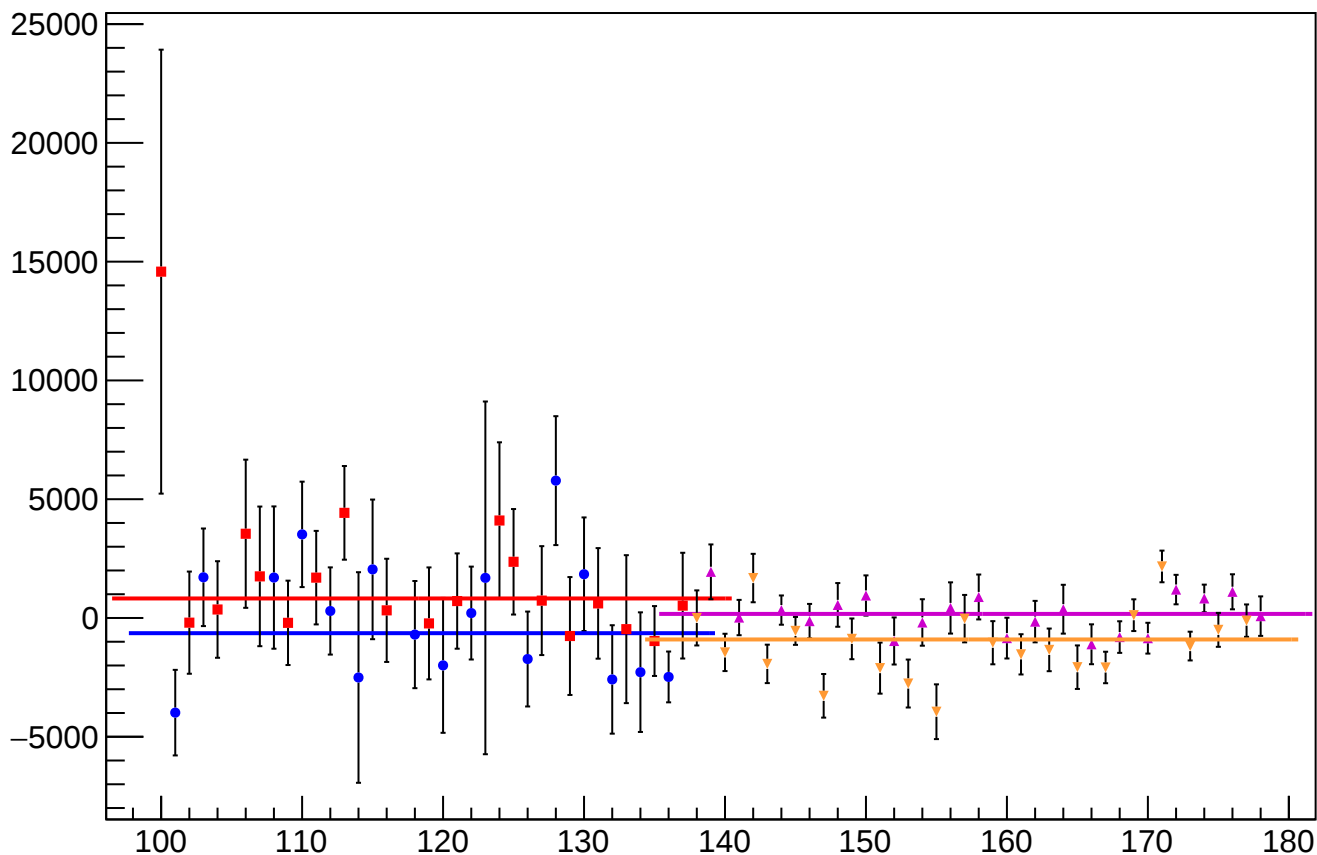
Right: 108.301 $\pm$ 0.021 χ^2/NDF : 1032549.7/35

In: 98.817 $\pm$ 0.015 χ^2/NDF : 1124083.2/36

Out: 97.040 $\pm$ 0.015 χ^2/NDF : 1568346.1/39

All: 97.904 $\pm$ 0.011 χ^2/NDF : 2699479.7/76

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -904.416 ± 175.258 $\chi^2/\text{NDF}: 59.7/20$

Right Out: 821.471 ± 515.663 $\chi^2/\text{NDF}: 11.0/18$

Left In: 171.190 ± 176.116 $\chi^2/\text{NDF}: 19.9/19$

Left: -369.238 ± 124.228 $\chi^2/\text{NDF}: 98.3/40$

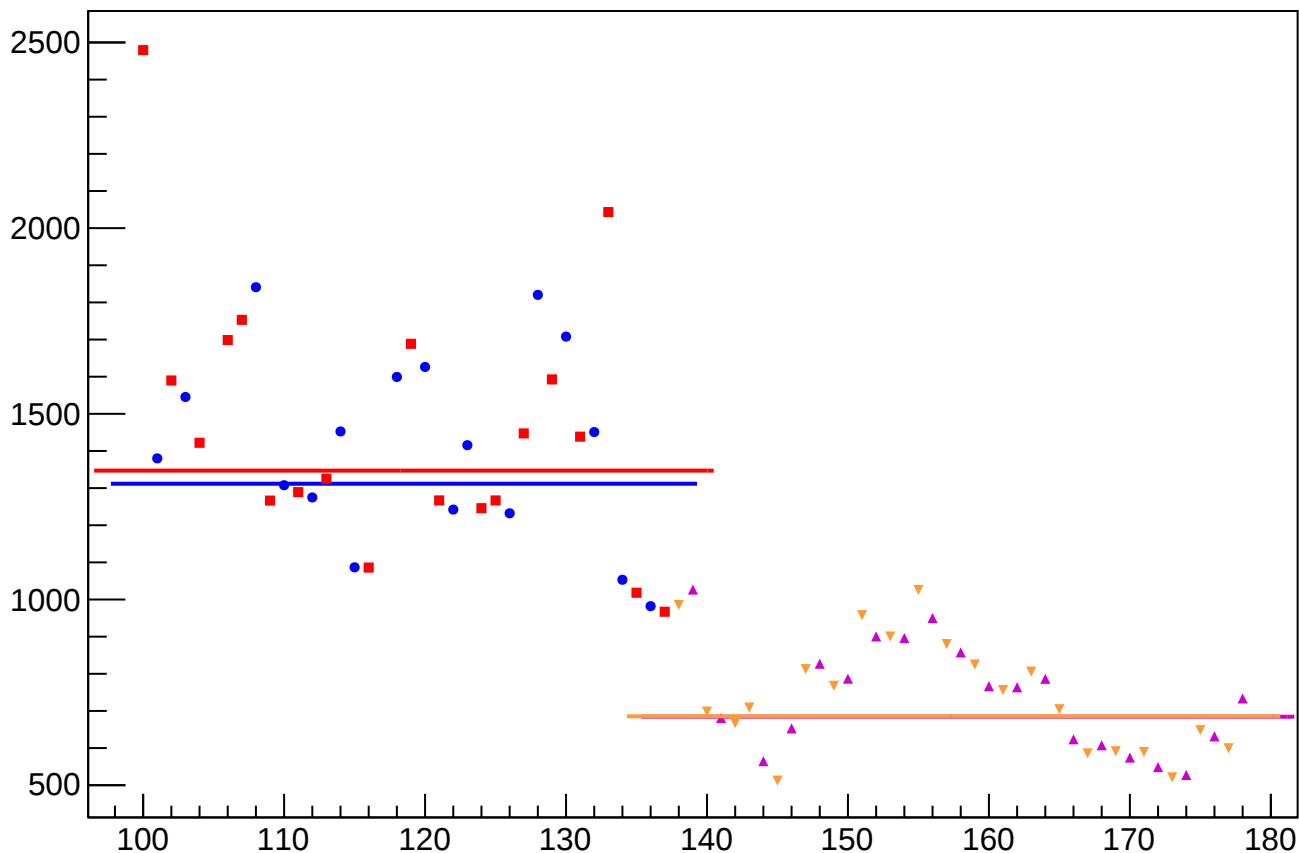
Right: 95.874 ± 365.890 $\chi^2/\text{NDF}: 36.8/35$

In: 87.514 ± 166.784 $\chi^2/\text{NDF}: 43.8/36$

Out: -725.700 ± 165.936 $\chi^2/\text{NDF}: 80.7/39$

All: -321.164 ± 117.633 $\chi^2/\text{NDF}: 136.5/76$

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 685.438 $\pm$ 0.124 χ^2 /NDF: 1246004.0/20

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 684.438 $\pm$ 0.125 χ^2 /NDF: 1118673.0/19

Left: 684.941 $\pm$ 0.088 χ^2 /NDF: 2364709.5/40

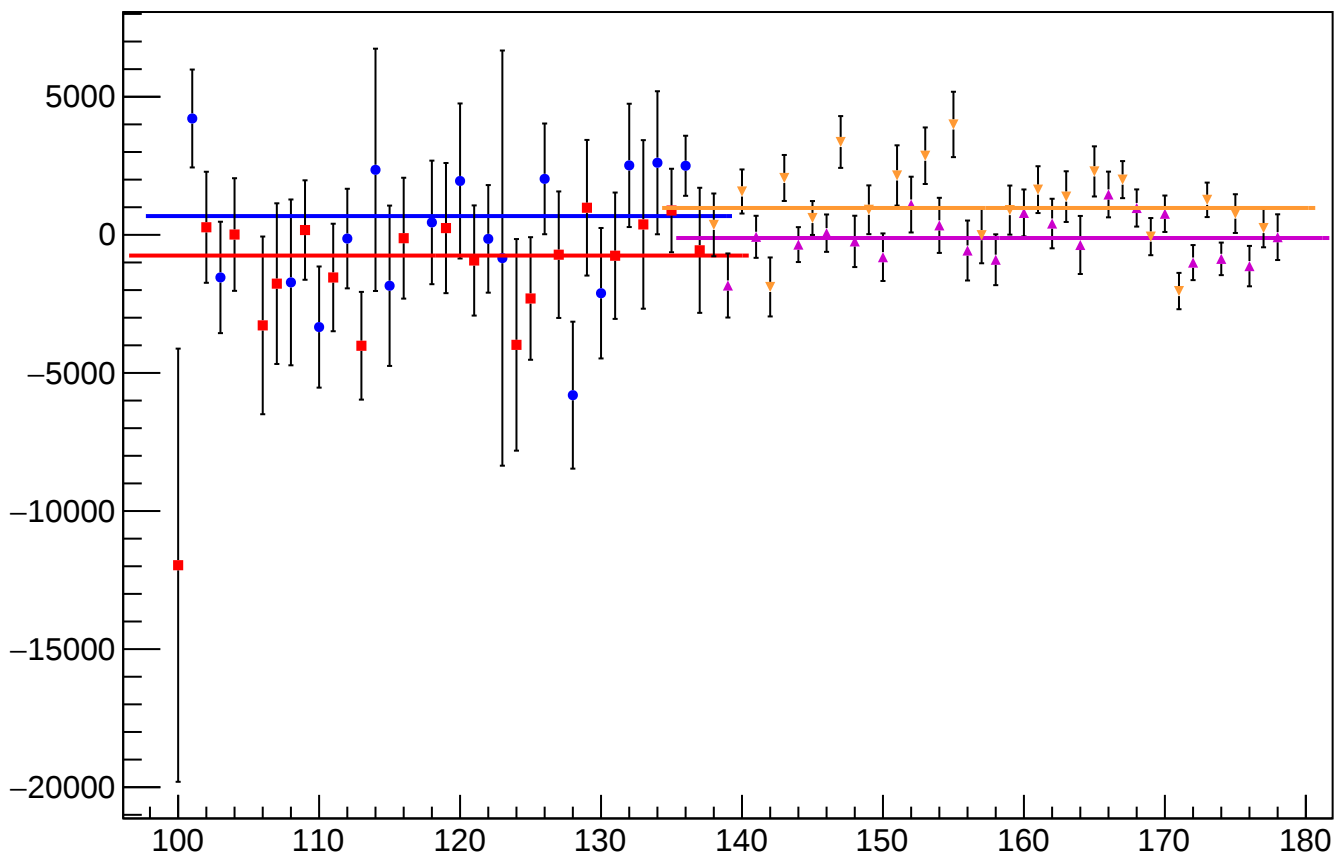
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 749.163 $\pm$ 0.118 χ^2 /NDF: 4249647.8/36

Out: 753.955 $\pm$ 0.117 χ^2 /NDF: 4688476.6/39

All: 751.571 $\pm$ 0.083 χ^2 /NDF: 8938954.2/76

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 973.255+/-177.698 χ^2/NDF : 58.6/20

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: -114.285+/-177.142 χ^2/NDF : 20.7/19

Left: 427.779+/-125.454 χ^2/NDF : 98.1/40

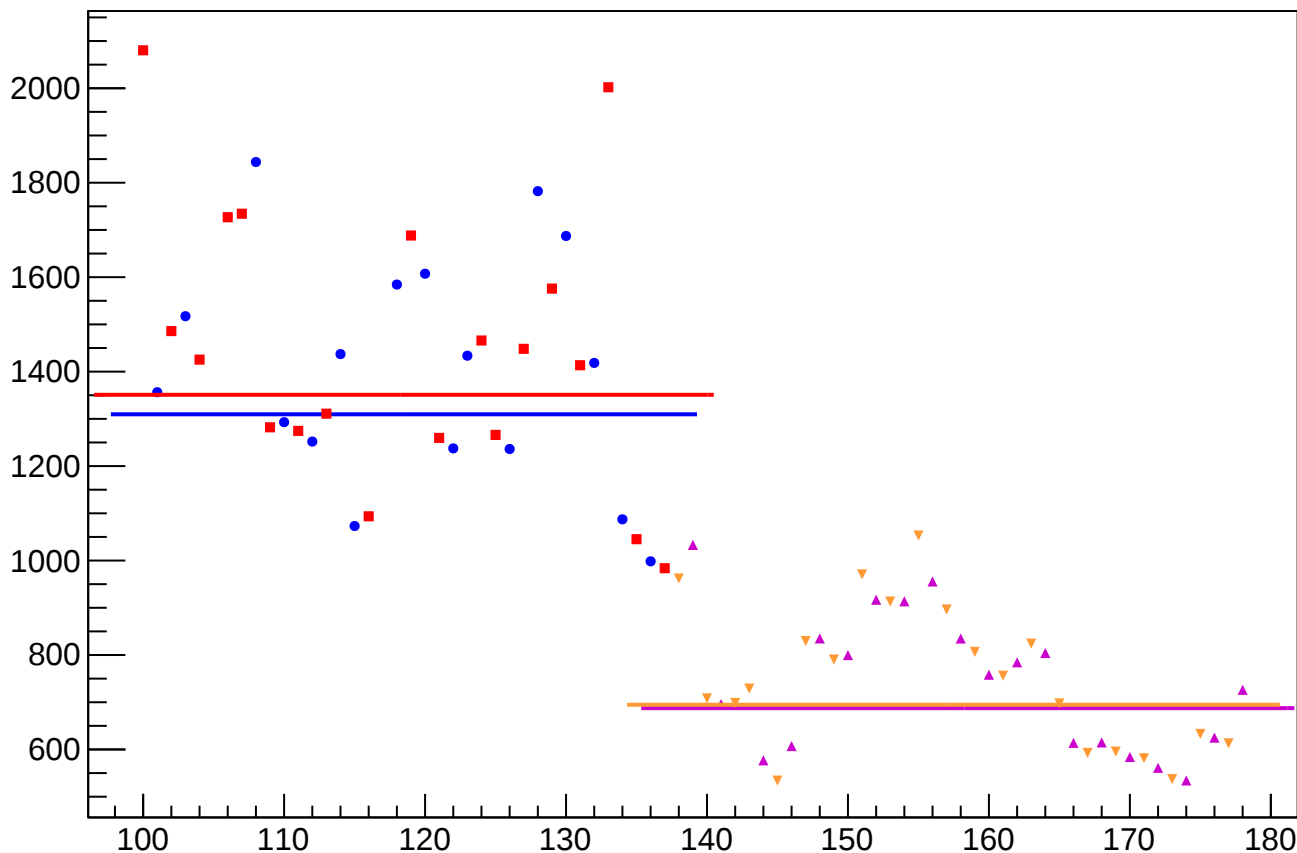
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: -30.989+/-167.595 χ^2/NDF : 45.4/36

Out: 790.707+/-168.021 χ^2/NDF : 78.3/39

All: 378.816+/-118.658 χ^2/NDF : 135.6/76

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 694.724 $\pm$ 0.126 χ^2 /NDF: 1198713.6/20

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 687.536 $\pm$ 0.125 χ^2 /NDF: 1114829.3/19

Left: 691.119 $\pm$ 0.089 χ^2 /NDF: 2315184.2/40

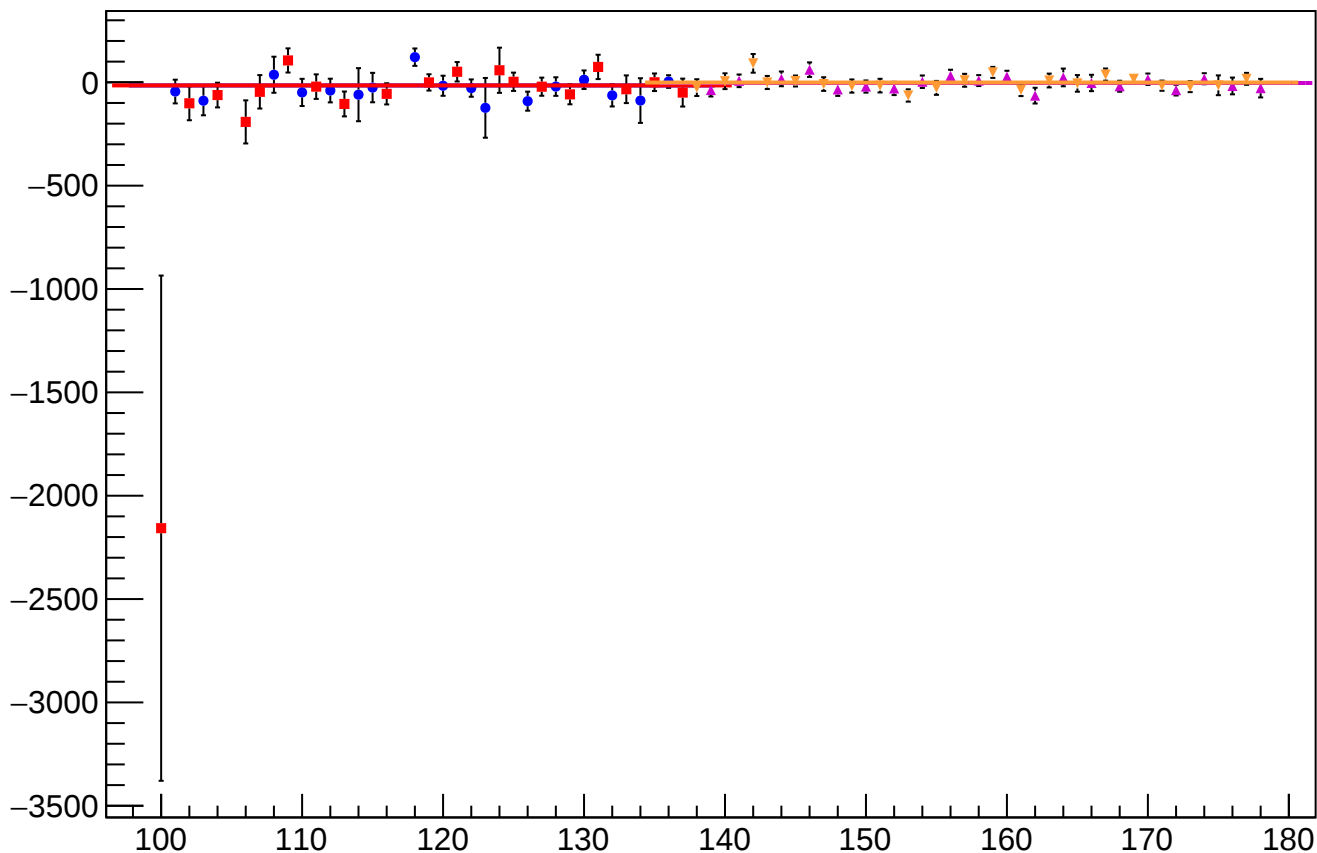
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 752.783 $\pm$ 0.119 χ^2 /NDF: 4161302.9/36

Out: 764.249 $\pm$ 0.119 χ^2 /NDF: 4511162.5/39

All: 758.502 $\pm$ 0.084 χ^2 /NDF: 8677134.2/76

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: -1.075 ± 6.810 χ^2/NDF : 18.8/20

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -3.357 ± 7.017 χ^2/NDF : 16.3/19

Left: -2.182 ± 4.887 χ^2/NDF : 35.1/40

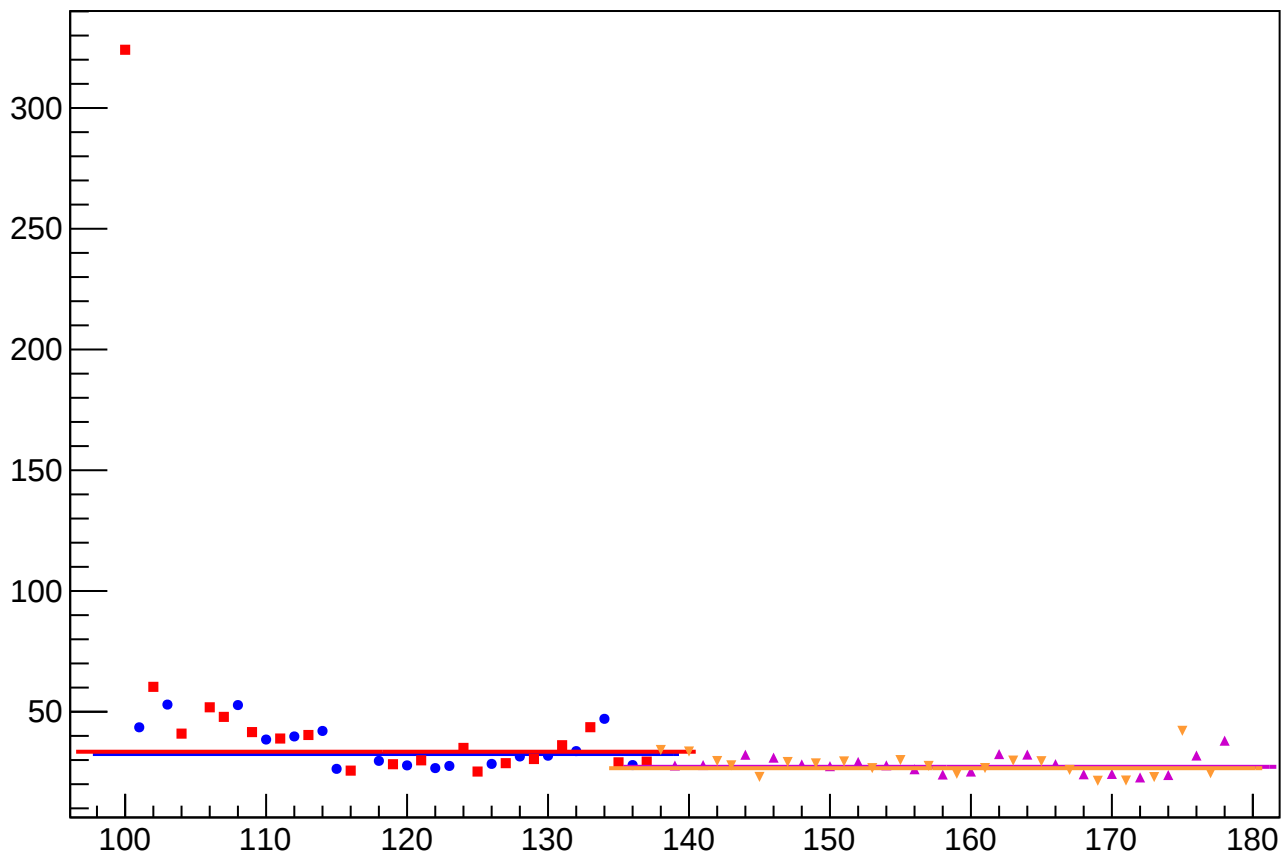
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -6.077 ± 6.165 χ^2/NDF : 35.3/36

Out: -4.057 ± 6.042 χ^2/NDF : 41.0/39

All: -5.047 ± 4.315 χ^2/NDF : 76.3/76

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: 26.623 $\pm$ 0.005 χ^2 /NDF: 718234.1/20

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 27.194 $\pm$ 0.005 χ^2 /NDF: 466512.2/19

Left: 26.900 $\pm$ 0.003 χ^2 /NDF: 1191575.5/40

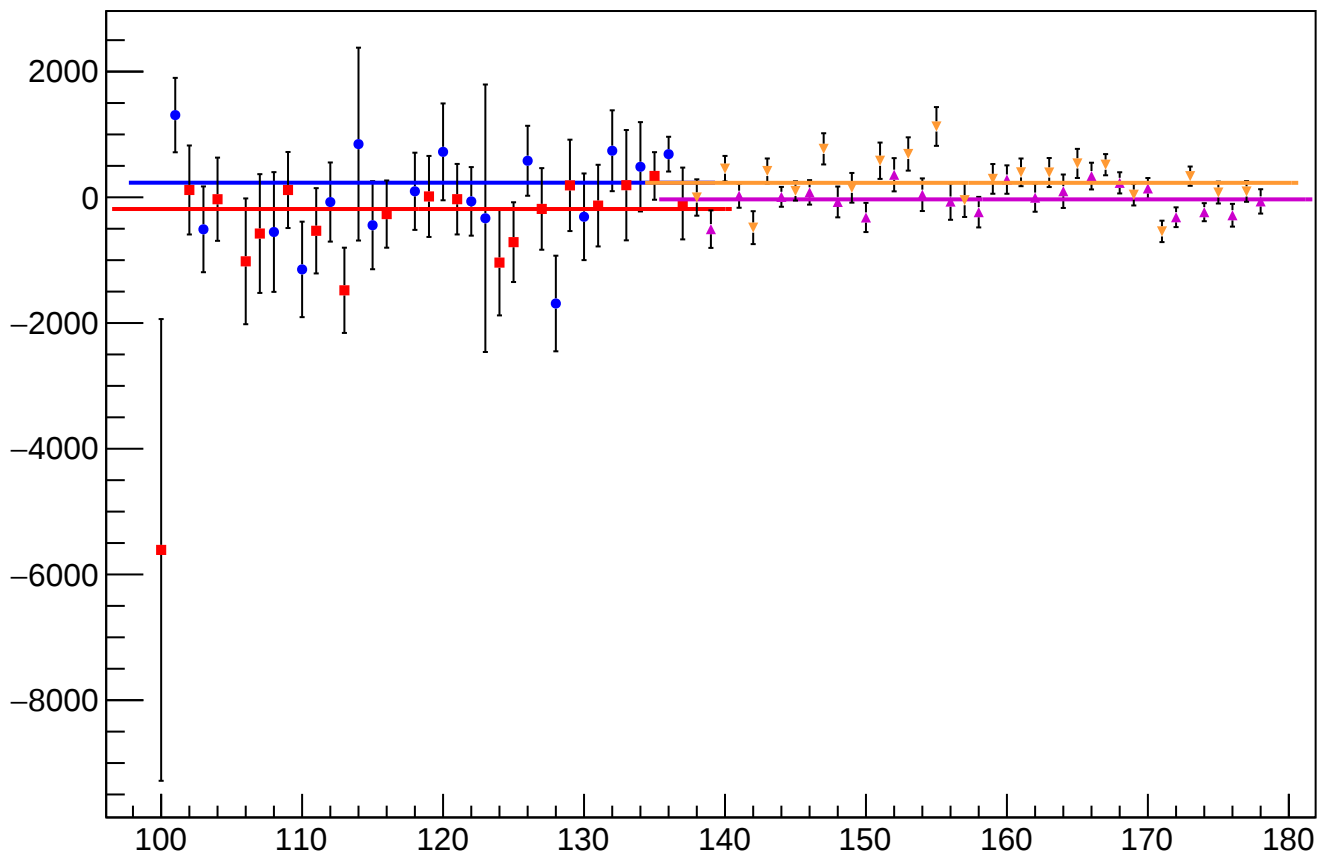
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 28.402 $\pm$ 0.004 χ^2 /NDF: 1320797.7/36

Out: 28.075 $\pm$ 0.004 χ^2 /NDF: 1983734.1/39

All: 28.235 $\pm$ 0.003 χ^2 /NDF: 3307412.3/76

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 ± 148.607 χ^2/NDF : 21.5/16

Left Out: 230.217 ± 44.897 χ^2/NDF : 59.4/20

Right Out: -186.198 ± 149.878 χ^2/NDF : 11.8/18

Left In: -32.797 ± 45.092 χ^2/NDF : 23.6/19

Left: 99.279 ± 31.816 χ^2/NDF : 100.1/40

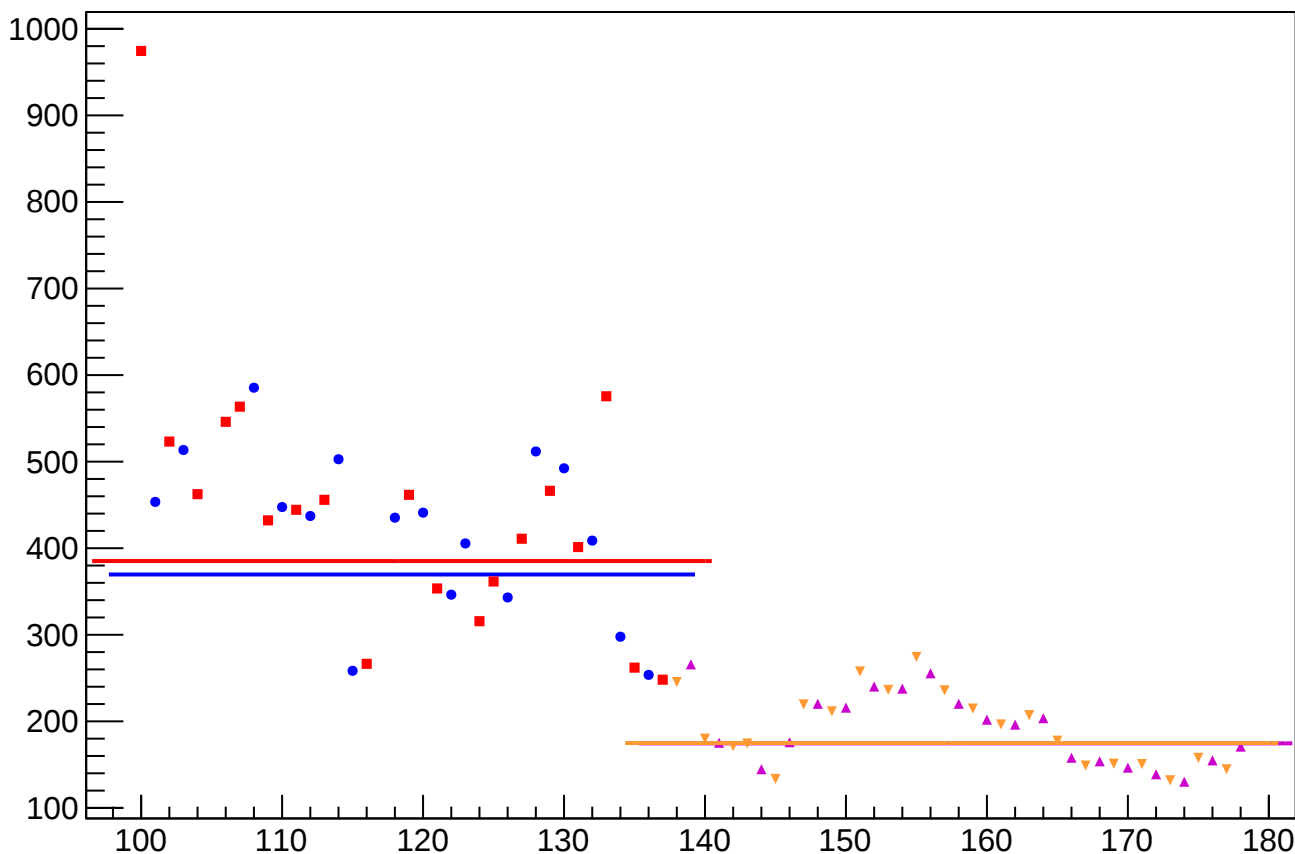
Right: 24.849 ± 105.528 χ^2/NDF : 37.2/35

In: -10.444 ± 43.149 χ^2/NDF : 48.0/36

Out: 195.927 ± 43.009 χ^2/NDF : 78.2/39

All: 93.077 ± 30.461 χ^2/NDF : 137.7/76

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: 174.931 $\pm$ 0.032 χ^2 /NDF: 1449925.7/20

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 174.552 $\pm$ 0.032 χ^2 /NDF: 1350642.2/19

Left: 174.743 $\pm$ 0.022 χ^2 /NDF: 2800638.8/40

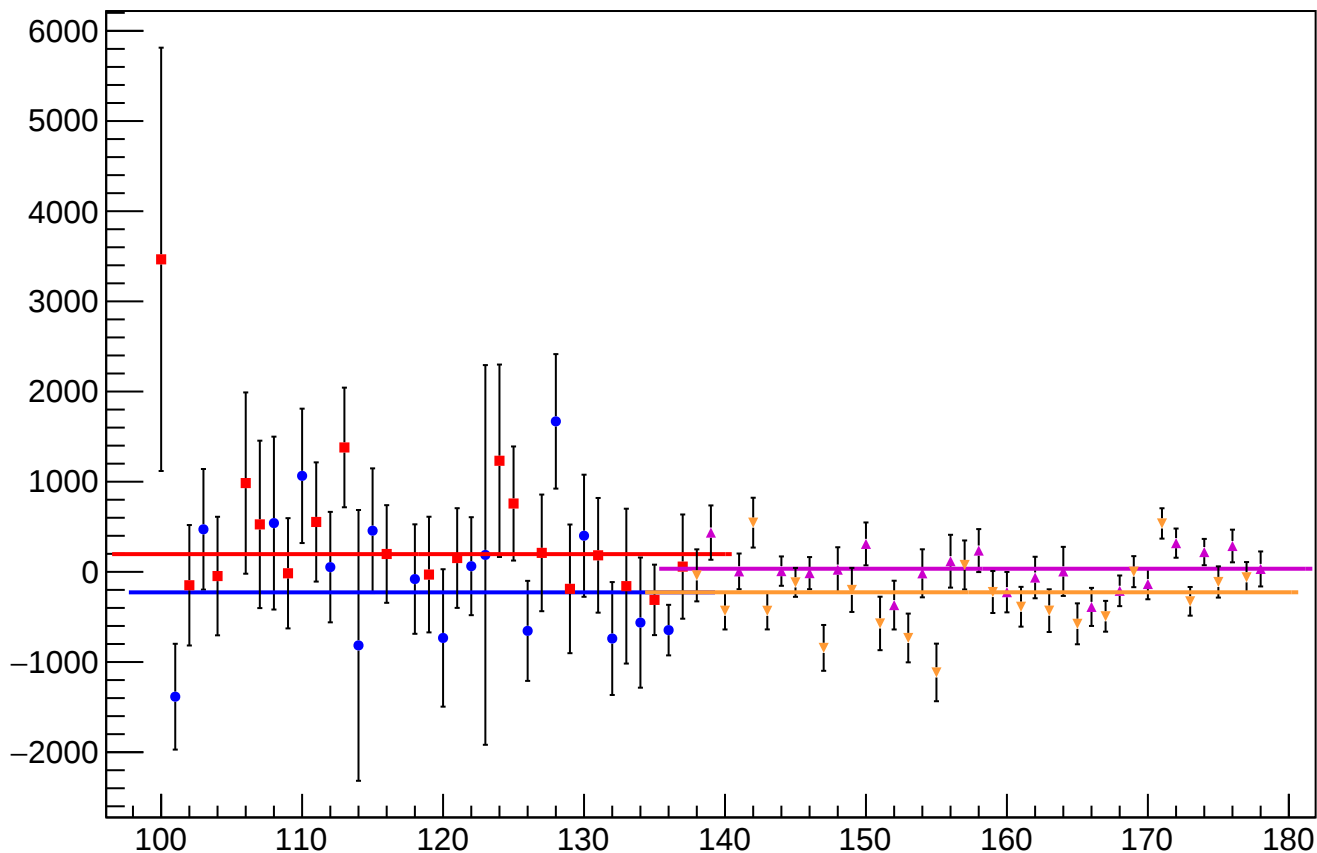
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 191.001 $\pm$ 0.031 χ^2 /NDF: 5409891.1/36

Out: 192.242 $\pm$ 0.030 χ^2 /NDF: 5987207.7/39

All: 191.624 $\pm$ 0.022 χ^2 /NDF: 11397929.7/76

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -226.445 ± 45.704 χ^2/NDF : 60.6/20

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 34.572 ± 45.500 χ^2/NDF : 21.5/19

Left: -95.355 ± 32.245 χ^2/NDF : 98.5/40

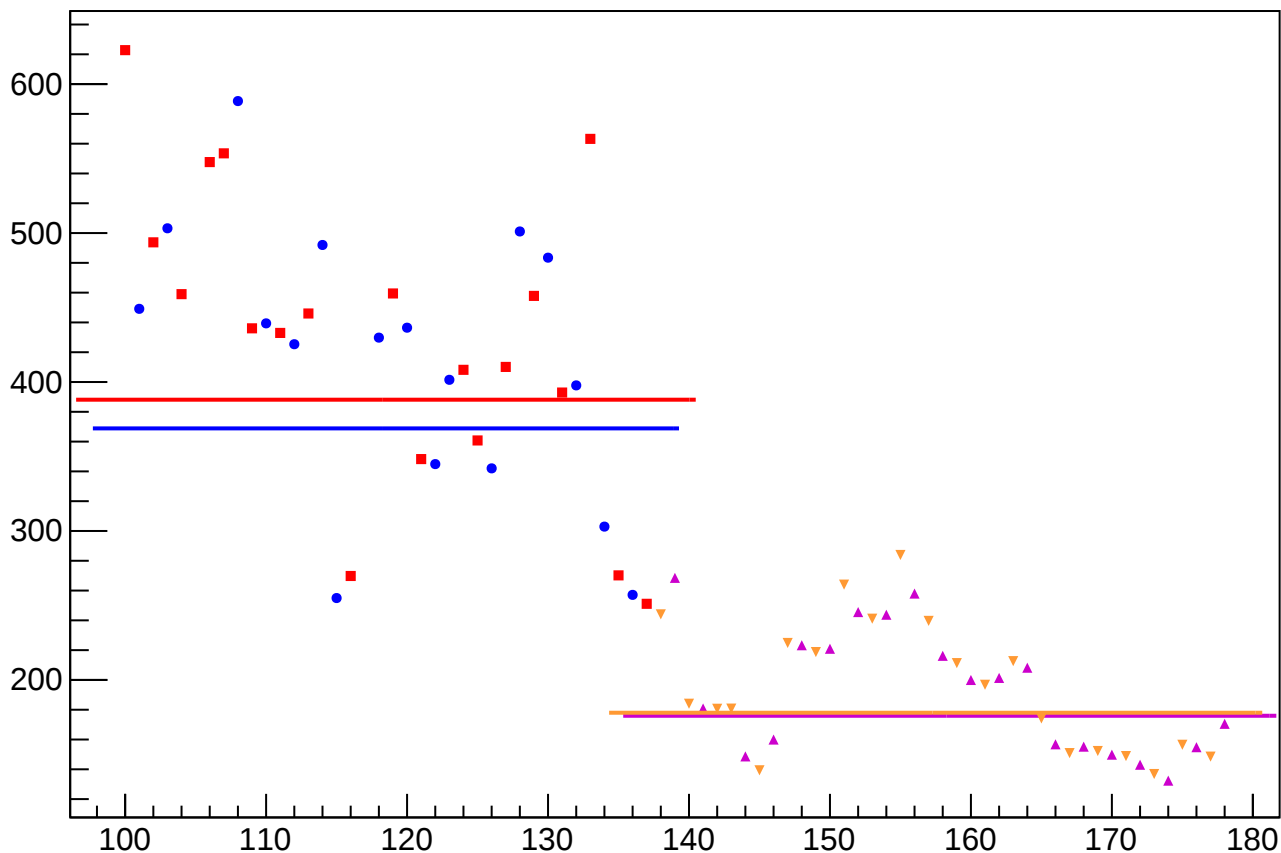
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: 11.939 ± 43.489 χ^2/NDF : 46.2/36

Out: -190.572 ± 43.724 χ^2/NDF : 78.6/39

All: -88.773 ± 30.834 χ^2/NDF : 135.7/76

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: 177.983 $\pm$ 0.032 χ^2 /NDF:1425891.1/20

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 175.947 $\pm$ 0.032 χ^2 /NDF:1341262.3/19

Left: 176.960 $\pm$ 0.023 χ^2 /NDF: 2769147.0/40

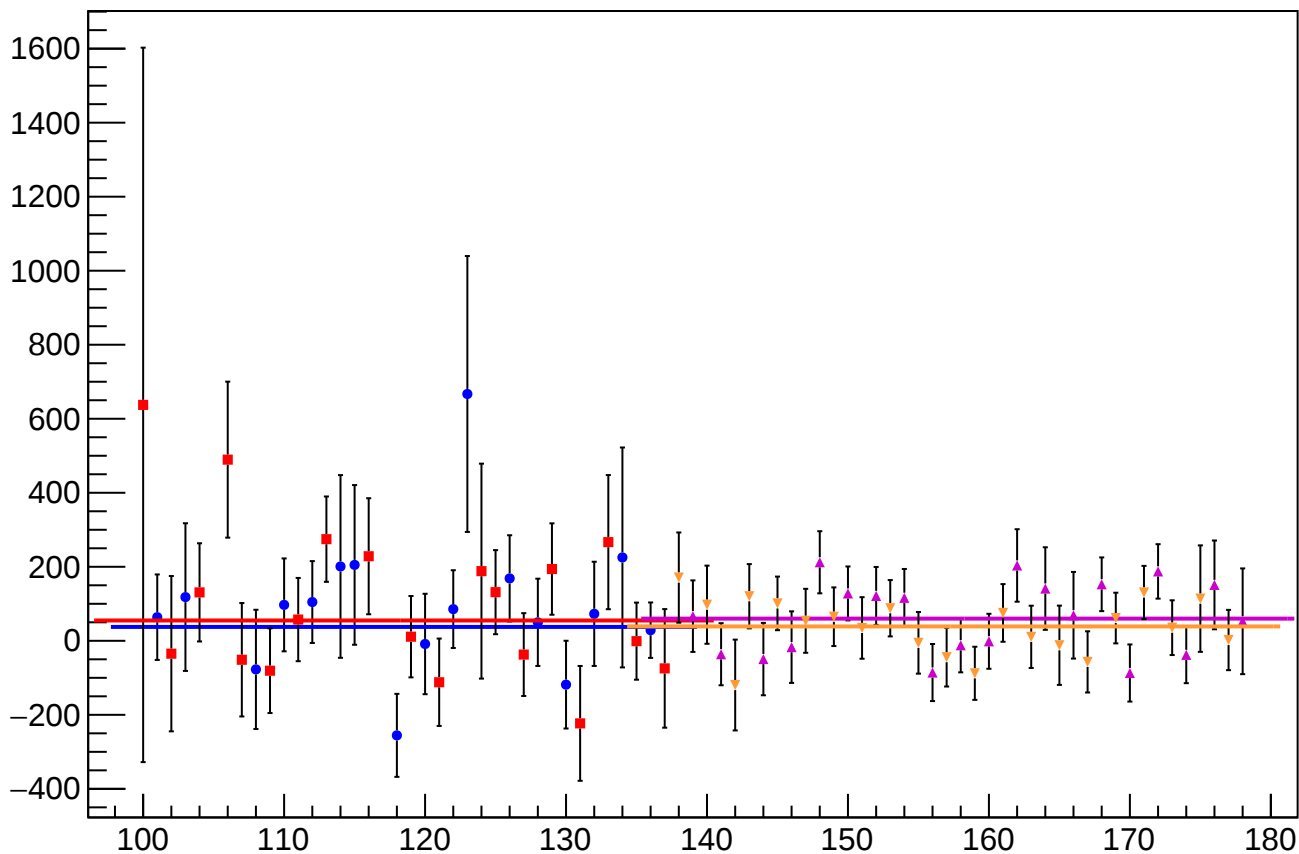
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 192.622 $\pm$ 0.031 χ^2 /NDF:5278687.6/36

Out: 195.796 $\pm$ 0.031 χ^2 /NDF:5788269.8/39

All: 194.201 $\pm$ 0.022 χ^2 /NDF: 11072256.4/76

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: 38.816 $\pm$ 18.310 χ^2 /NDF:13.9/20

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 59.961 $\pm$ 19.087 χ^2 /NDF:26.9/19

Left: 48.949 $\pm$ 13.213 χ^2 /NDF: 41.5/40

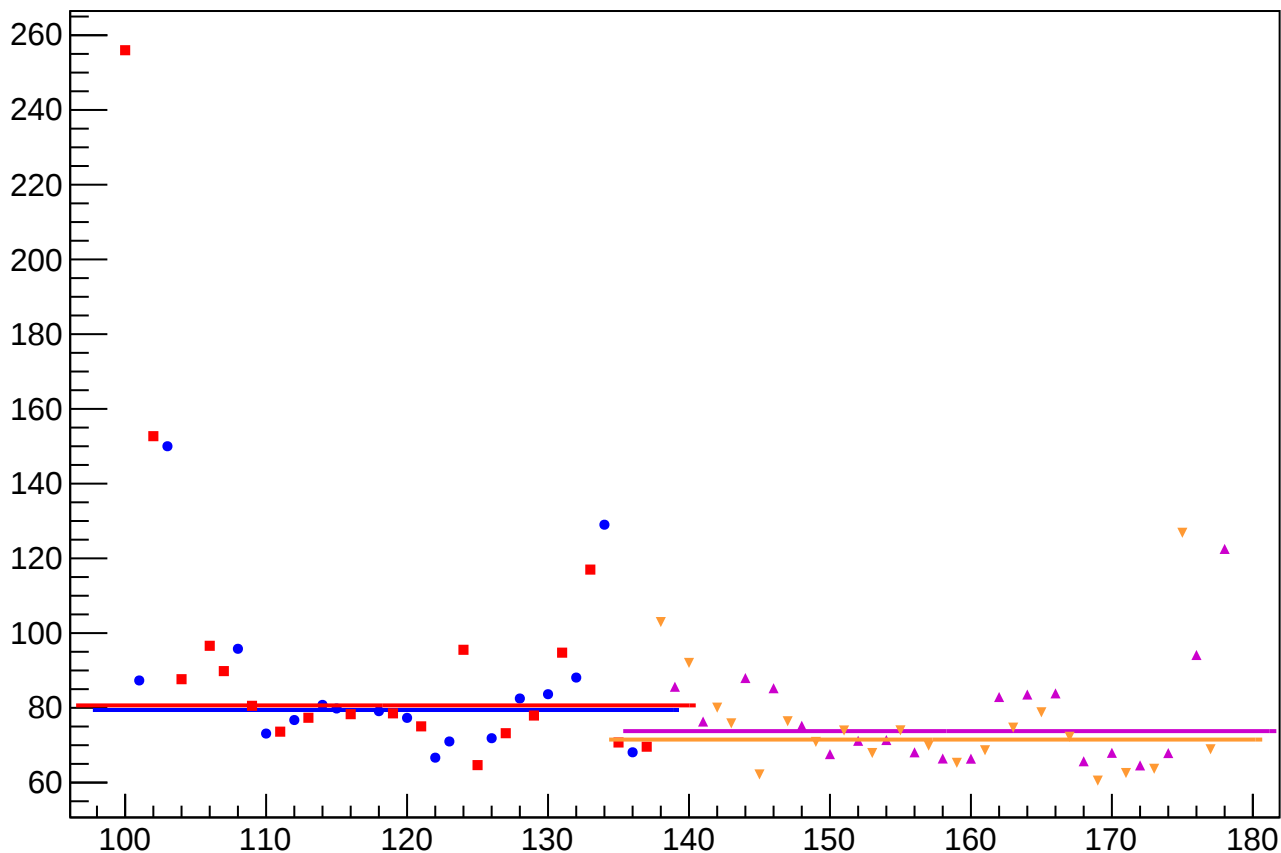
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 53.928 $\pm$ 16.318 χ^2 /NDF:43.1/36

Out: 42.881 $\pm$ 15.827 χ^2 /NDF:36.3/39

All: 48.236 $\pm$ 11.361 χ^2 /NDF: 79.6/76

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 71.507 $\pm$ 0.013 χ^2 /NDF: 704760.8/20

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 73.769 $\pm$ 0.013 χ^2 /NDF: 589257.0/19

Left: 72.591 $\pm$ 0.009 χ^2 /NDF: 1308653.0/40

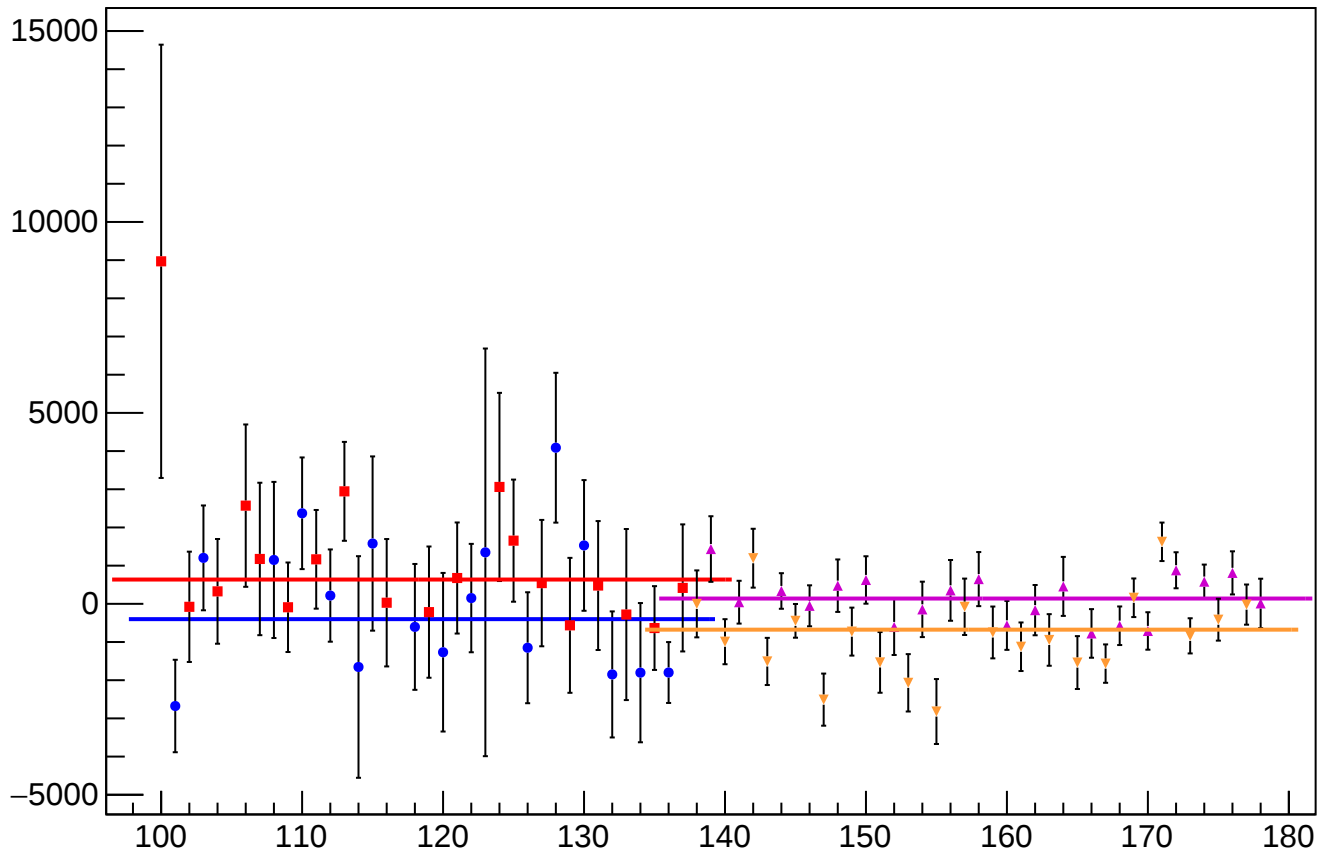
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 75.290 $\pm$ 0.012 χ^2 /NDF: 1075491.1/36

Out: 73.819 $\pm$ 0.011 χ^2 /NDF: 1351370.6/39

All: 74.532 $\pm$ 0.008 χ^2 /NDF: 2435231.4/76

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -676.394+/-132.164 χ^2/NDF : 58.5/20

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 138.502+/-132.854 χ^2/NDF : 18.8/19

Left: -271.068+/-93.697 χ^2/NDF : 96.2/40

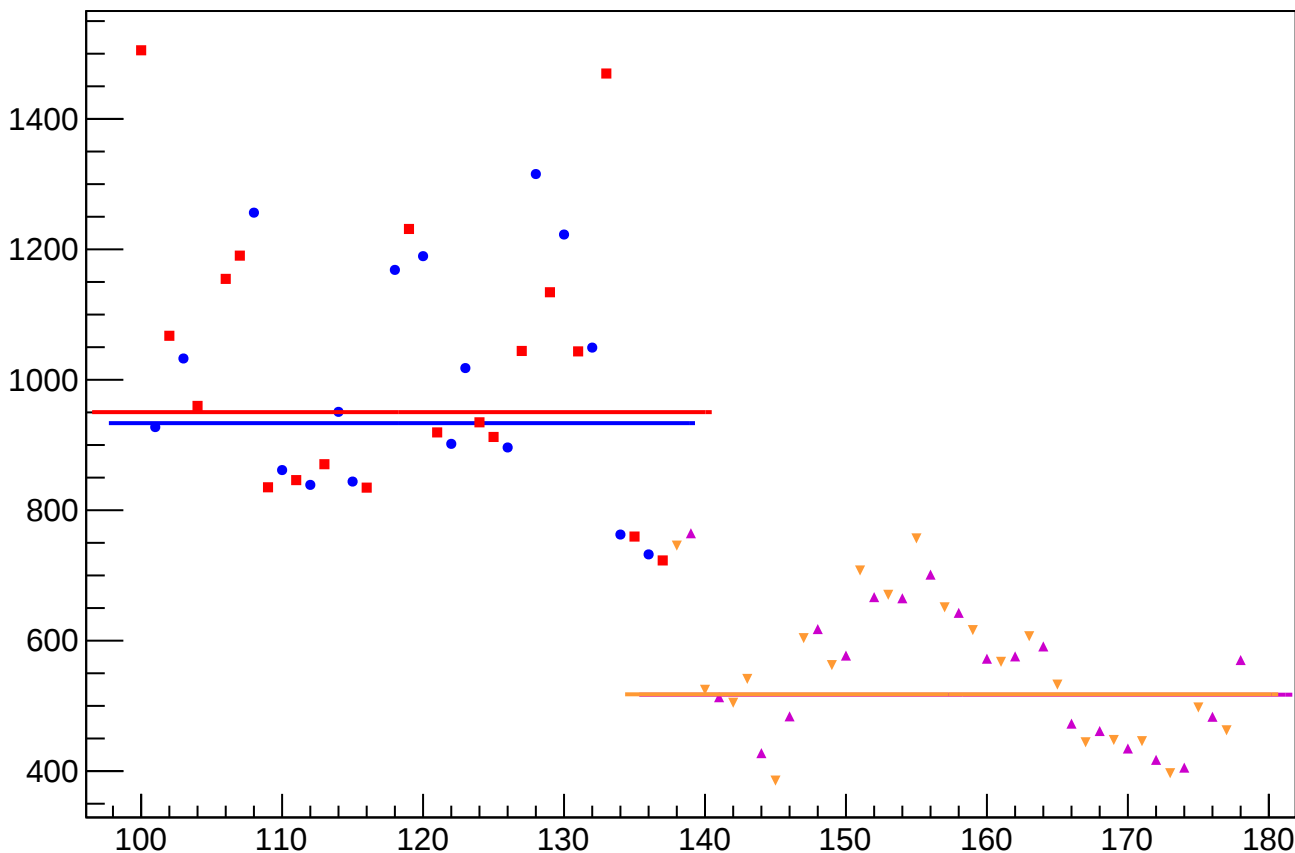
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 76.433+/-124.979 χ^2/NDF : 42.6/36

Out: -522.712+/-124.186 χ^2/NDF : 80.9/39

All: -225.047+/-88.092 χ^2/NDF : 135.1/76

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: 517.748 $\pm$ 0.093 χ^2 /NDF: 1155271.5/20

Right Out: 950.411 $\pm$ 0.257 χ^2 /NDF: 424360.9/18

Left In: 517.159 $\pm$ 0.094 χ^2 /NDF: 1020907.0/19

Left: 517.455 $\pm$ 0.066 χ^2 /NDF: 2176198.2/40

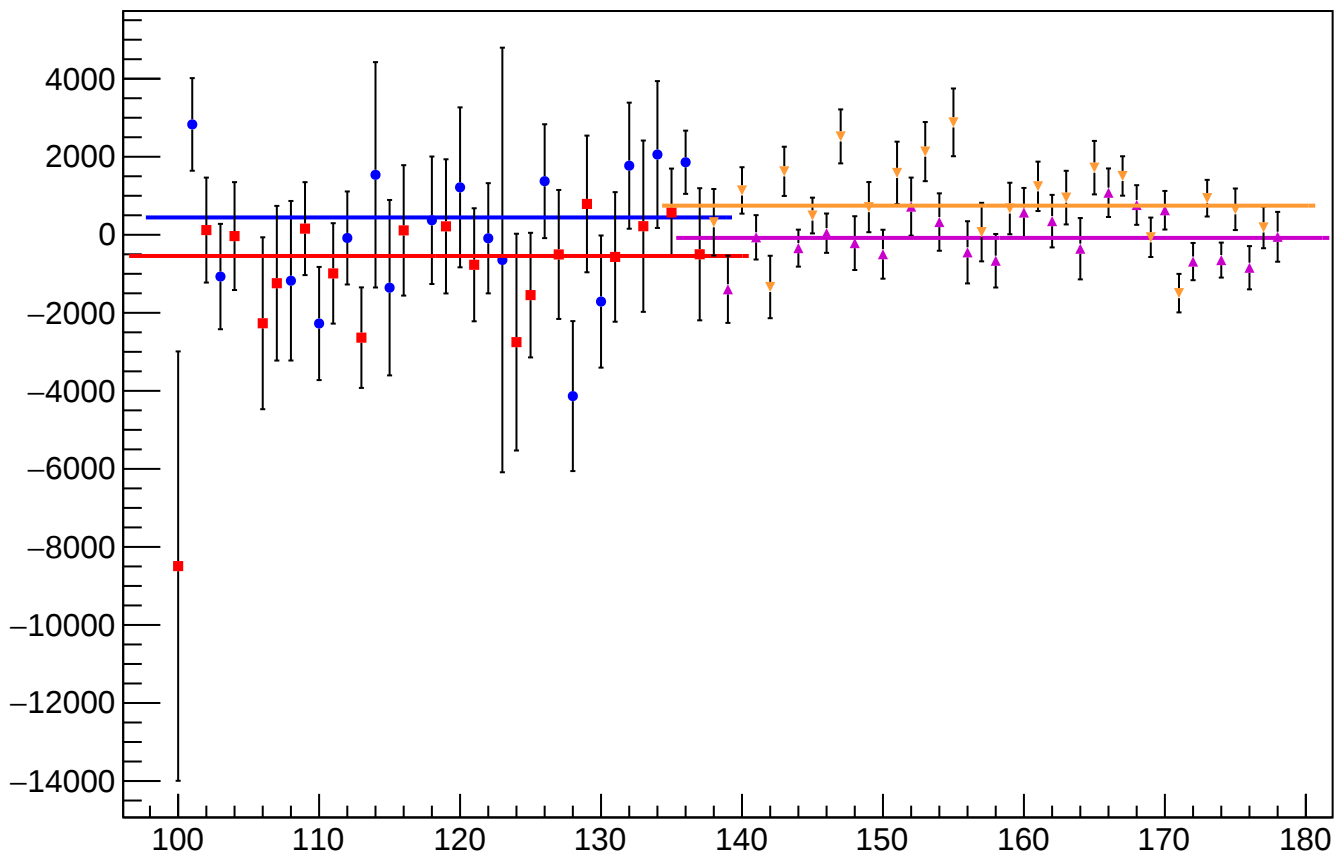
Right: 942.099 $\pm$ 0.183 χ^2 /NDF: 868813.4/35

In: 565.058 $\pm$ 0.088 χ^2 /NDF: 3723125.4/36

Out: 568.408 $\pm$ 0.088 χ^2 /NDF: 4089315.4/39

All: 566.743 $\pm$ 0.062 χ^2 /NDF: 7813163.7/76

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 746.625+/-133.045 χ^2/NDF : 57.1/20

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -79.824+/-132.711 χ^2/NDF : 20.6/19

Left: 332.360+/-93.959 χ^2/NDF : 97.0/40

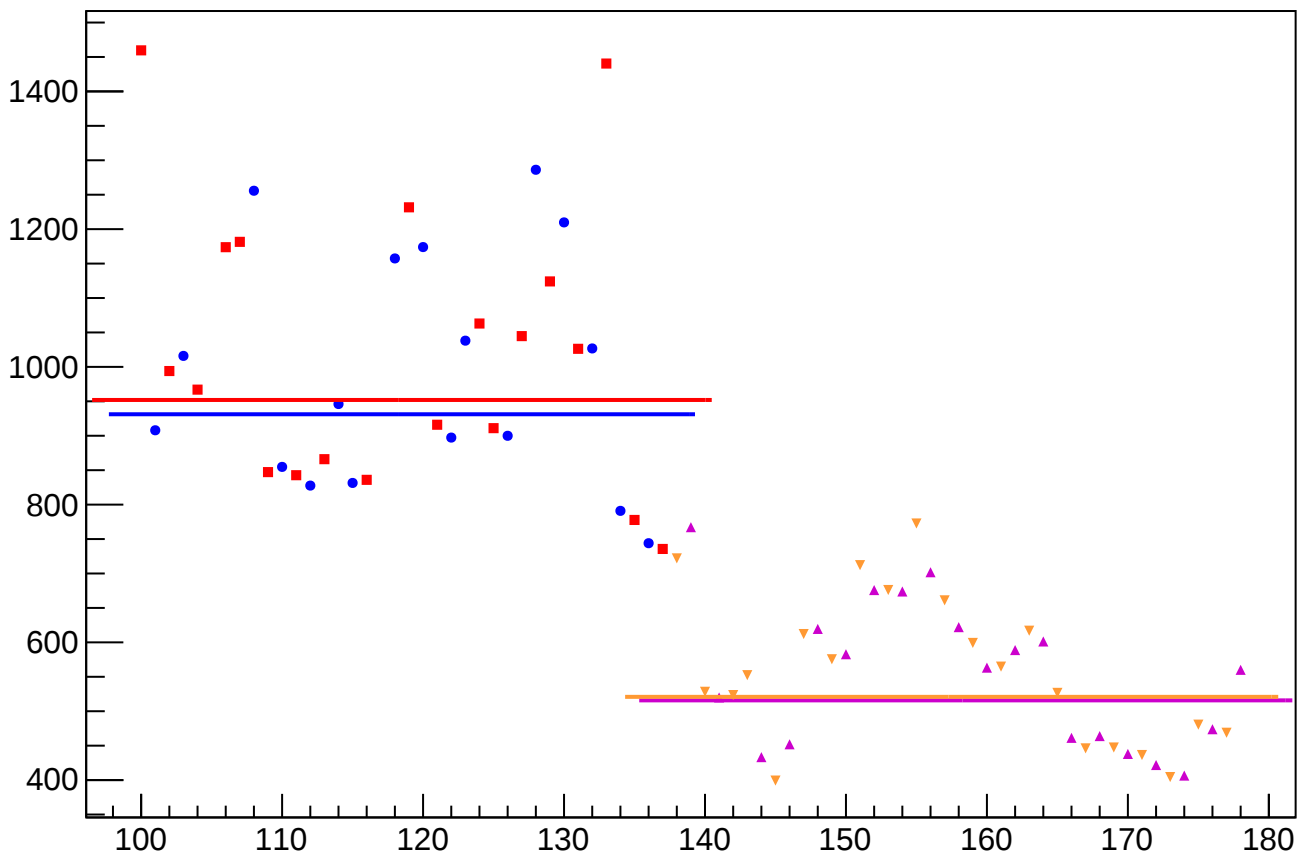
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -19.200+/-124.806 χ^2/NDF : 45.3/36

Out: 594.133+/-124.932 χ^2/NDF : 77.6/39

All: 287.156+/-88.296 χ^2/NDF : 135.0/76

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2/NDF : 400242.2/16

Left Out: 520.877 $\pm$ 0.094 χ^2/NDF :1117439.0/20

Right Out: 951.963 $\pm$ 0.257 χ^2/NDF : 382648.6/18

Left In: 515.766 $\pm$ 0.094 χ^2/NDF :1034442.6/19

Left: 518.315 $\pm$ 0.066 χ^2/NDF : 2153360.9/40

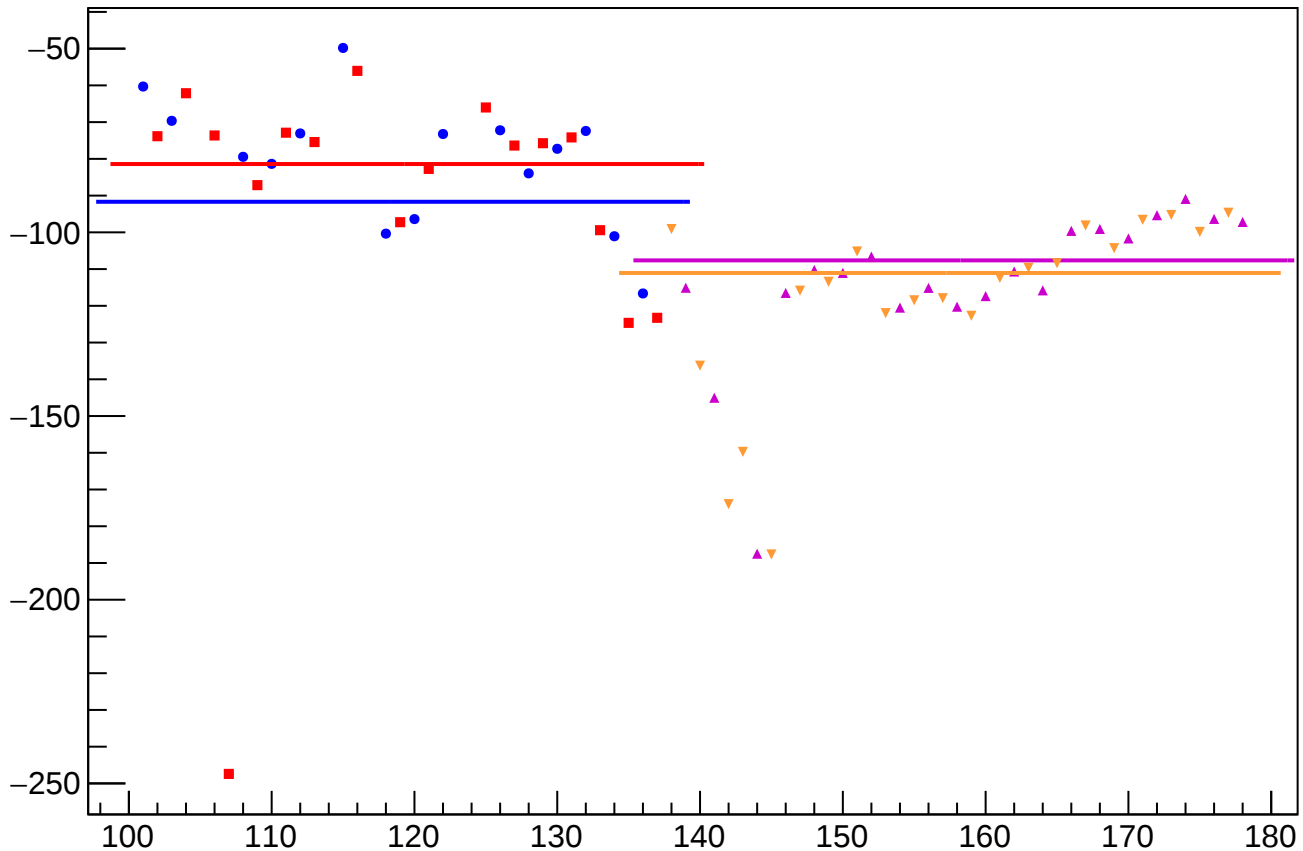
Right: 941.690 $\pm$ 0.183 χ^2/NDF : 786122.1/35

In: 563.785 $\pm$ 0.088 χ^2/NDF :3700000.5/36

Out: 571.850 $\pm$ 0.088 χ^2/NDF :3982844.0/39

All: 567.813 $\pm$ 0.062 χ^2/NDF : 7687016.6/76

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -111.057 ± 0.058 $\chi^2/\text{NDF}: 56960.0/20$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -107.633 ± 0.049 $\chi^2/\text{NDF}: 108437.6/19$

Left: -109.054 ± 0.037 $\chi^2/\text{NDF}: 167456.9/40$

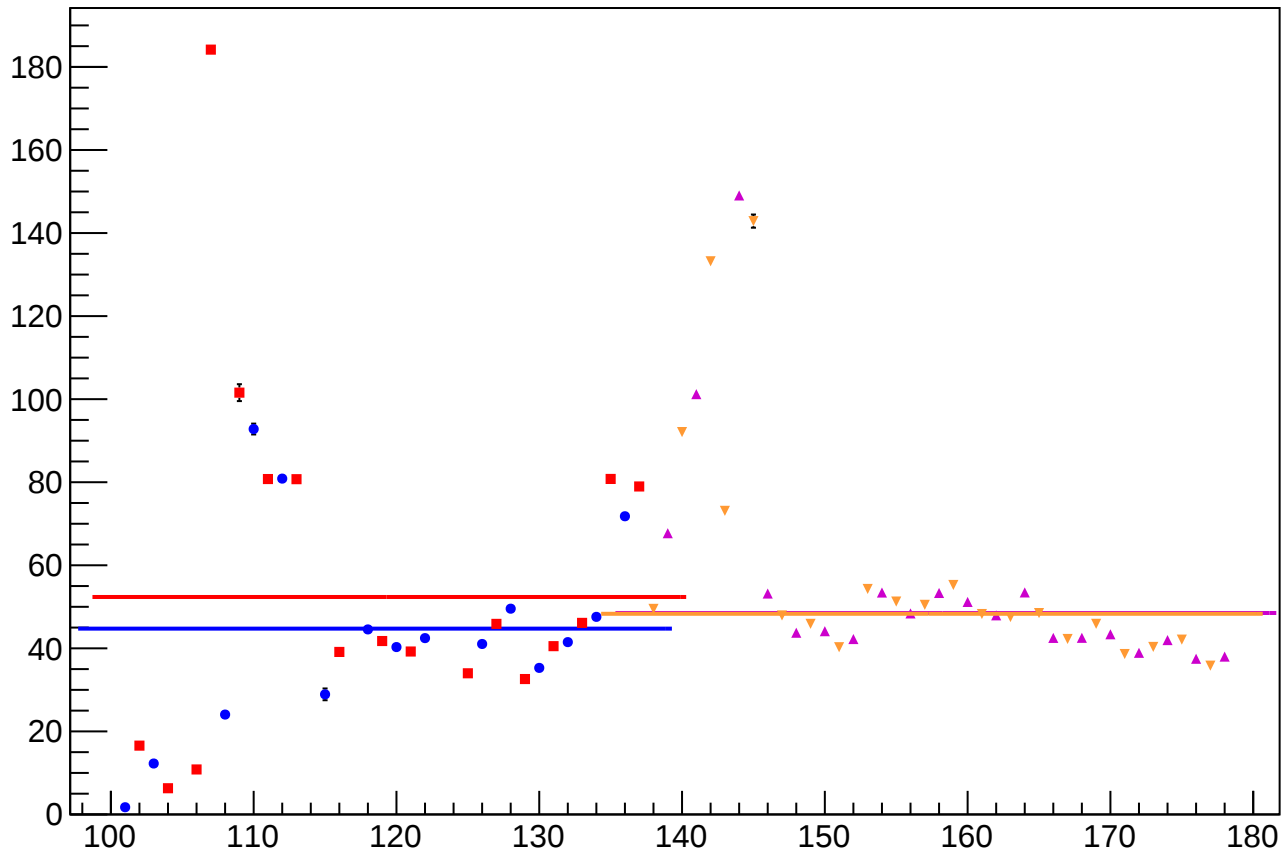
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -102.456 ± 0.040 $\chi^2/\text{NDF}: 208012.7/34$

Out: -103.477 ± 0.050 $\chi^2/\text{NDF}: 166162.0/37$

All: -102.856 ± 0.031 $\chi^2/\text{NDF}: 374430.5/72$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 48.320+/-0.048 χ^2/NDF : 58732.4/20

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 48.513+/-0.043 χ^2/NDF : 143056.4/19

Left: 48.427+/-0.032 χ^2/NDF : 201797.9/40

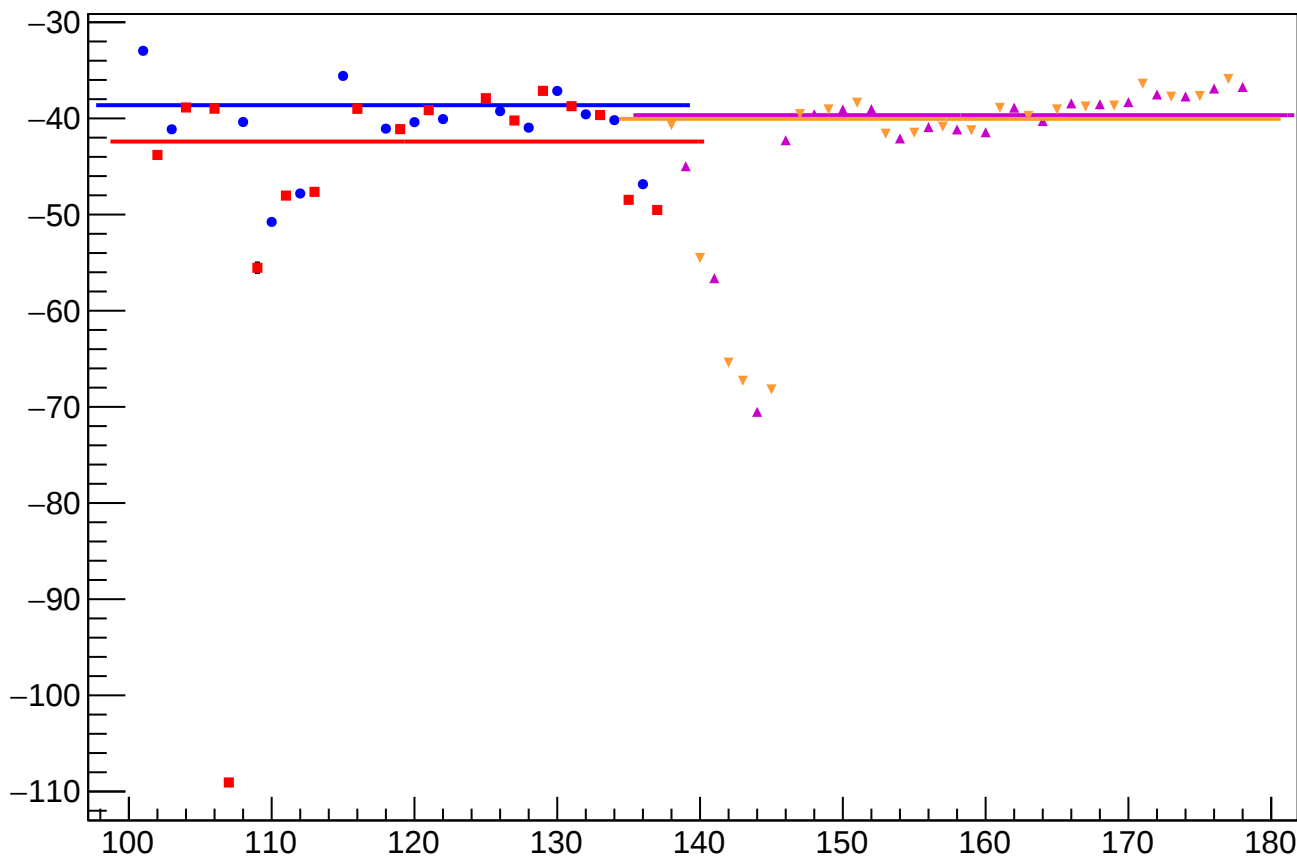
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 47.257+/-0.035 χ^2/NDF : 230334.1/34

Out: 48.936+/-0.044 χ^2/NDF : 129113.2/37

All: 47.908+/-0.027 χ^2/NDF : 360341.8/72

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -40.048 ± 0.007 χ^2/NDF : 245054.0/20

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -39.666 ± 0.007 χ^2/NDF : 205829.8/19

Left: -39.861 ± 0.005 χ^2/NDF : 452257.0/40

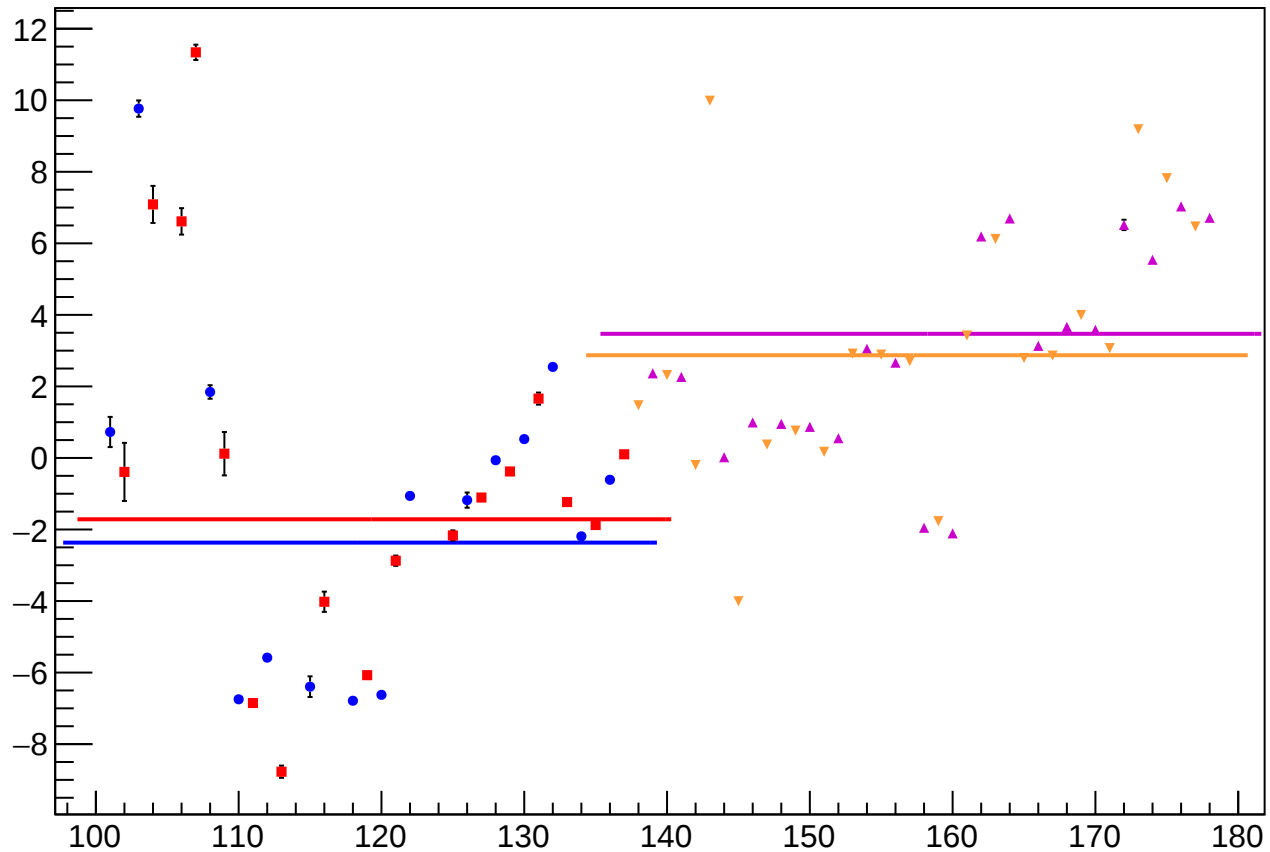
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.205 ± 0.006 χ^2/NDF : 454758.5/34

Out: -40.292 ± 0.007 χ^2/NDF : 525194.1/37

All: -39.632 ± 0.004 χ^2/NDF : 995285.0/72

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 2.871 ± 0.008 $\chi^2/\text{NDF}: 121939.9/20$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 3.471 ± 0.006 $\chi^2/\text{NDF}: 197387.1/19$

Left: 3.237 ± 0.005 $\chi^2/\text{NDF}: 323026.4/40$

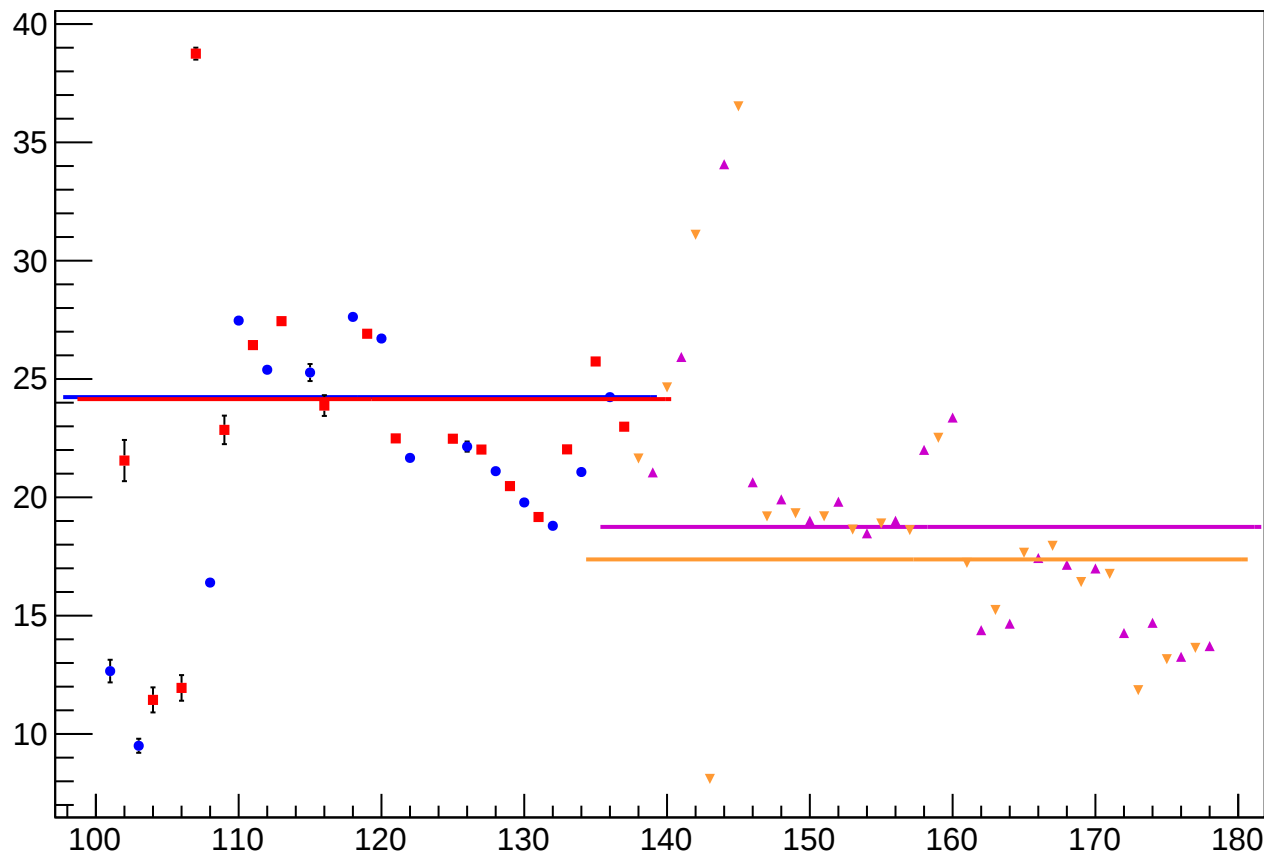
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 2.535 ± 0.006 $\chi^2/\text{NDF}: 370646.5/34$

Out: 2.526 ± 0.007 $\chi^2/\text{NDF}: 161357.6/37$

All: 2.532 ± 0.004 $\chi^2/\text{NDF}: 532005.0/72$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 17.377 $\pm$ 0.008 χ^2 /NDF:145511.4/20

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 18.750 $\pm$ 0.007 χ^2 /NDF:185802.3/19

Left: 18.079 $\pm$ 0.005 χ^2 /NDF: 347955.1/40

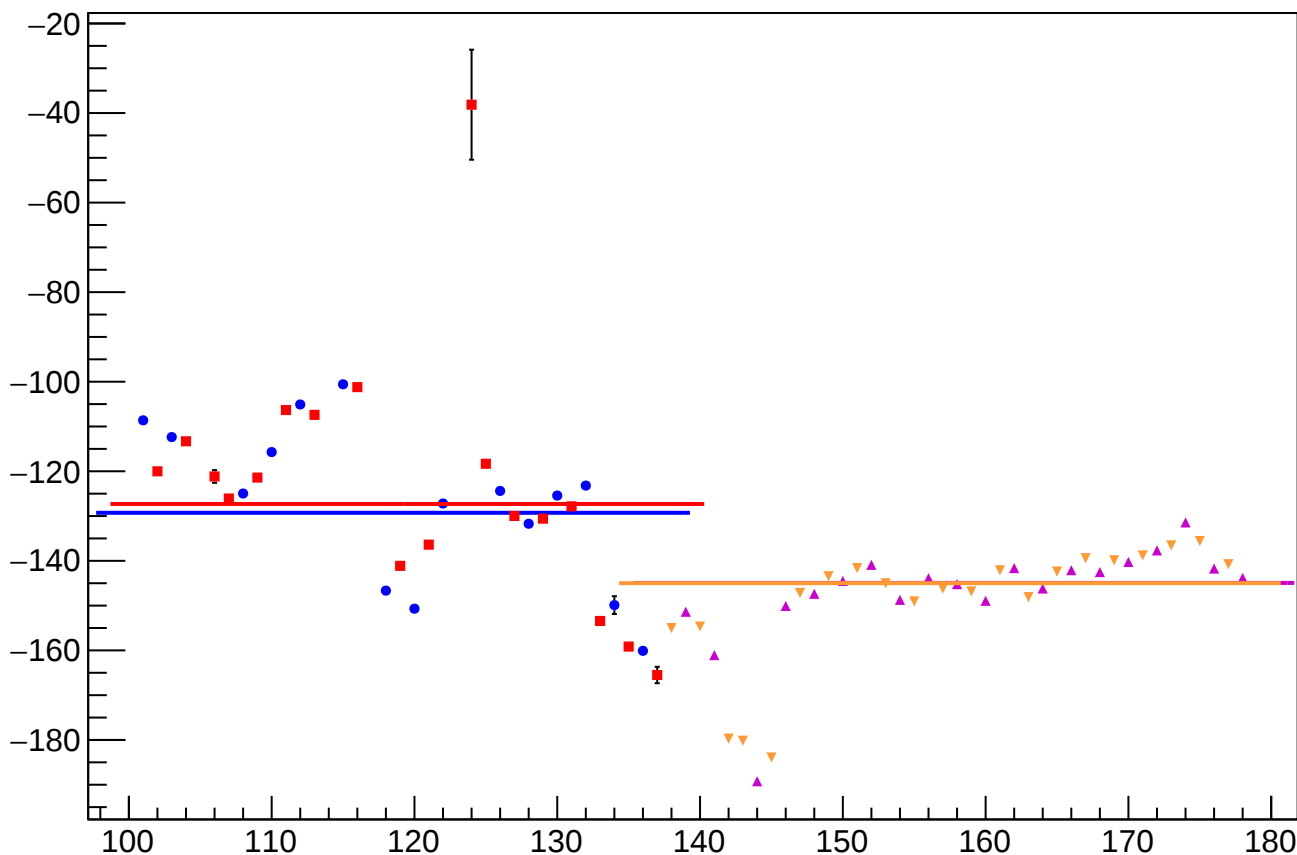
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 19.312 $\pm$ 0.007 χ^2 /NDF:263373.5/34

Out: 17.979 $\pm$ 0.007 χ^2 /NDF:229105.2/37

All: 18.666 $\pm$ 0.005 χ^2 /NDF: 509799.9/72

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -144.989 ± 0.047 χ^2/NDF : 41599.7/20

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -144.937 ± 0.048 χ^2/NDF : 32287.4/19

Left: -144.963 ± 0.034 χ^2/NDF : 73887.7/40

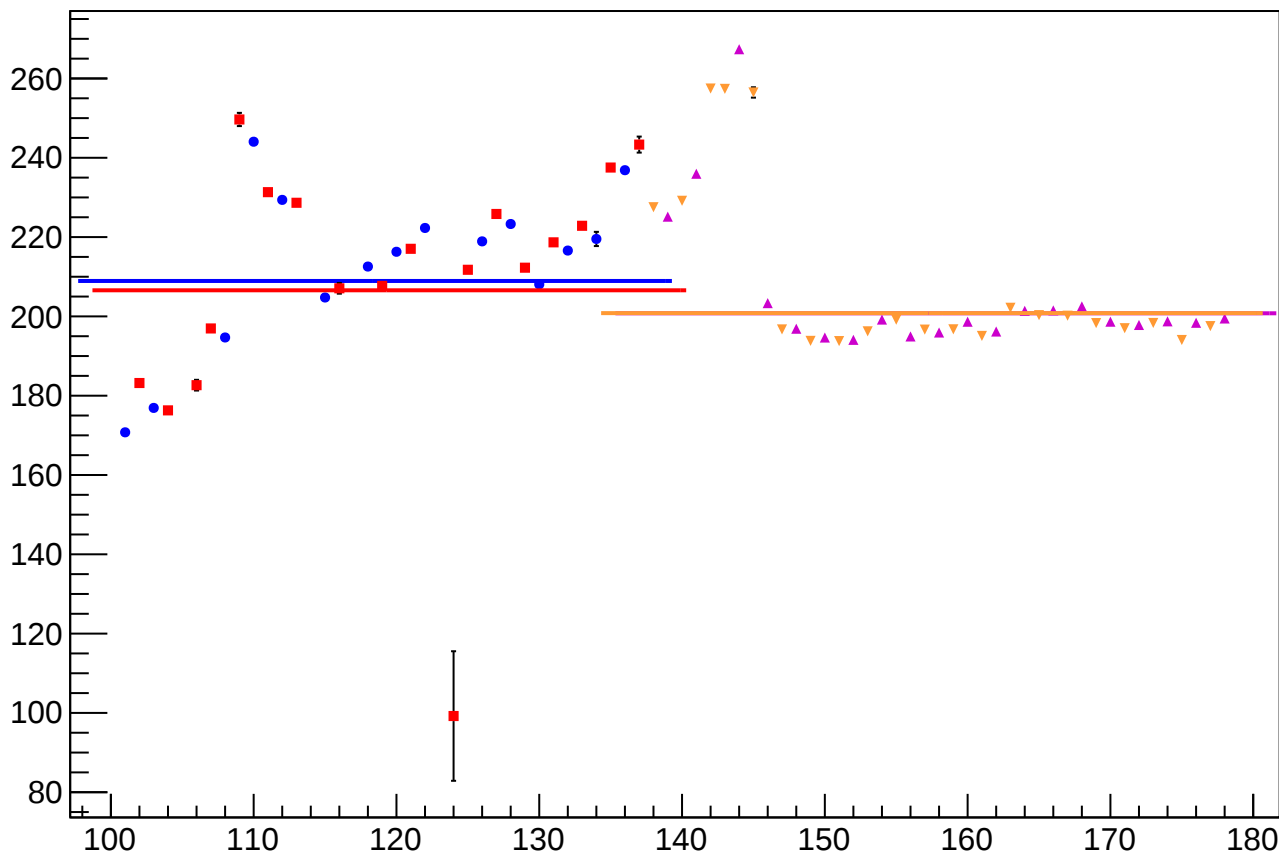
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.354 ± 0.042 χ^2/NDF : 91963.2/34

Out: -140.742 ± 0.041 χ^2/NDF : 104628.4/38

All: -141.043 ± 0.029 χ^2/NDF : 196699.8/73

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 200.822 $\pm$ 0.040 χ^2 /NDF:107739.9/20

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 200.781 $\pm$ 0.041 χ^2 /NDF:77055.0/19

Left: 200.802 $\pm$ 0.029 χ^2 /NDF: 184795.4/40

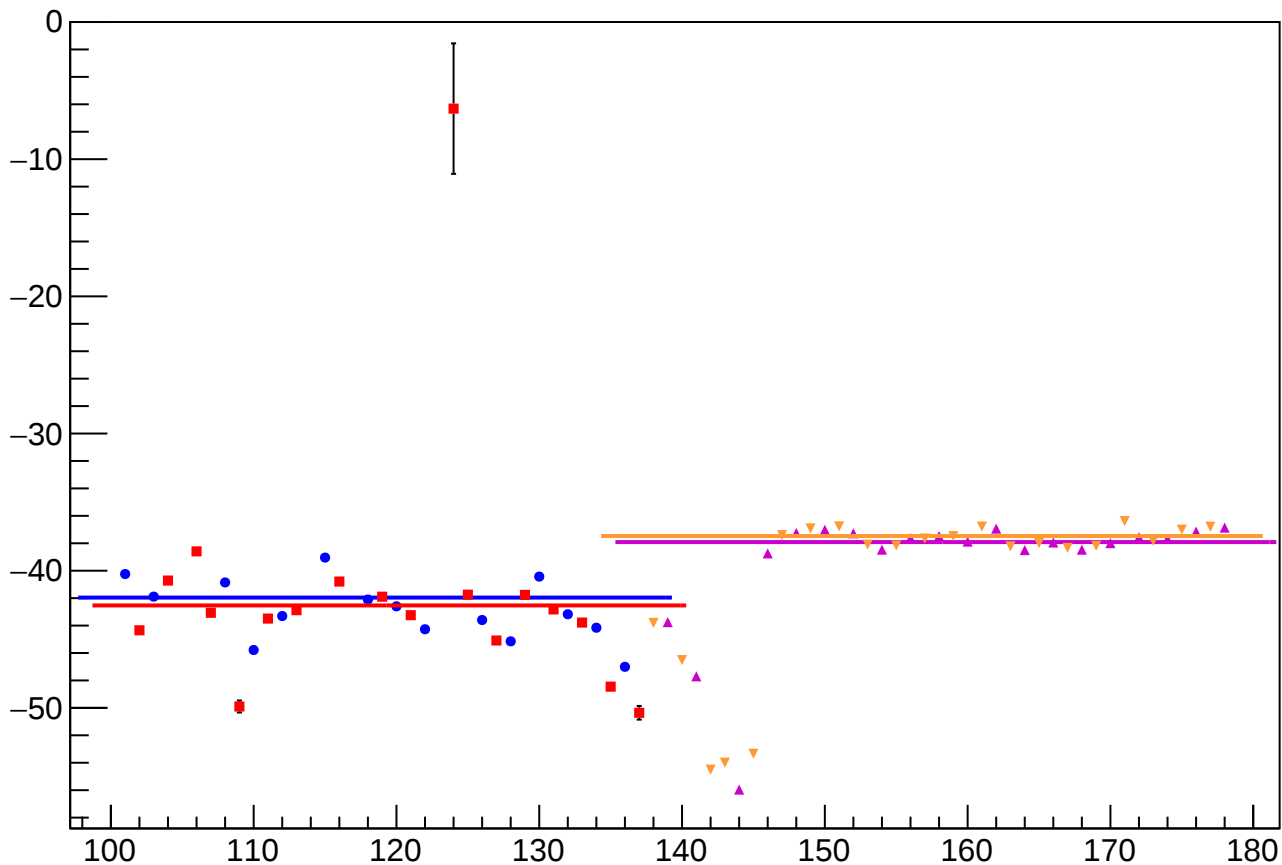
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 202.228 $\pm$ 0.038 χ^2 /NDF:128610.8/34

Out: 201.904 $\pm$ 0.036 χ^2 /NDF:159843.2/38

All: 202.059 $\pm$ 0.026 χ^2 /NDF: 288492.8/73

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959+/-0.016 χ^2/NDF : 24229.7/14

Left Out: -37.472+/-0.004 χ^2/NDF : 228833.1/20

Right Out: -42.532+/-0.021 χ^2/NDF : 6137.0/17

Left In: -37.913+/-0.004 χ^2/NDF : 139364.8/19

Left: -37.665+/-0.003 χ^2/NDF : 373761.4/40

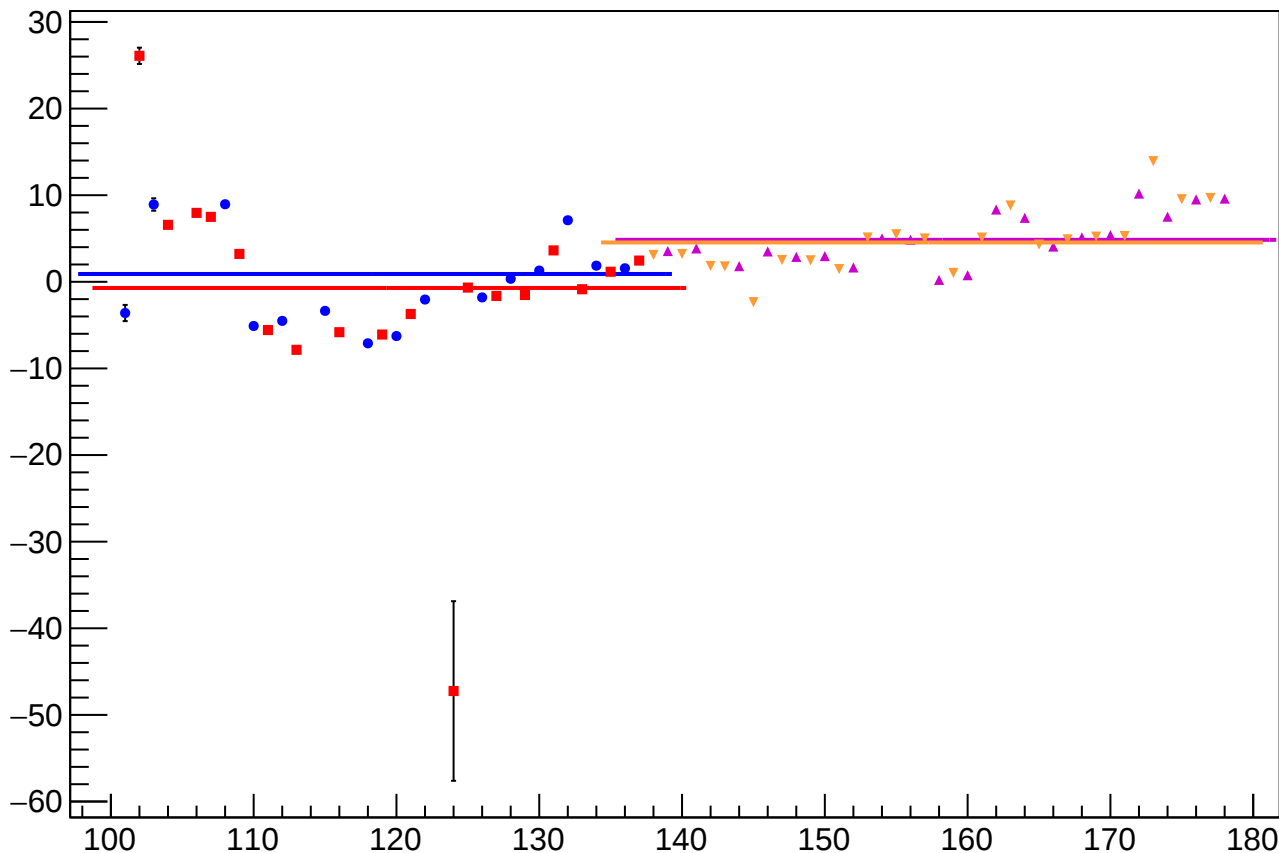
Right: -42.168+/-0.012 χ^2/NDF : 30855.6/32

In: -38.215+/-0.004 χ^2/NDF : 225798.8/34

Out: -37.648+/-0.004 χ^2/NDF : 292909.6/38

All: -37.903+/-0.003 χ^2/NDF : 528462.6/73

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 4.542 ± 0.006 χ^2/NDF : 144955.8/20

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 4.847 ± 0.007 χ^2/NDF : 149456.3/19

Left: 4.677 ± 0.005 χ^2/NDF : 295469.7/40

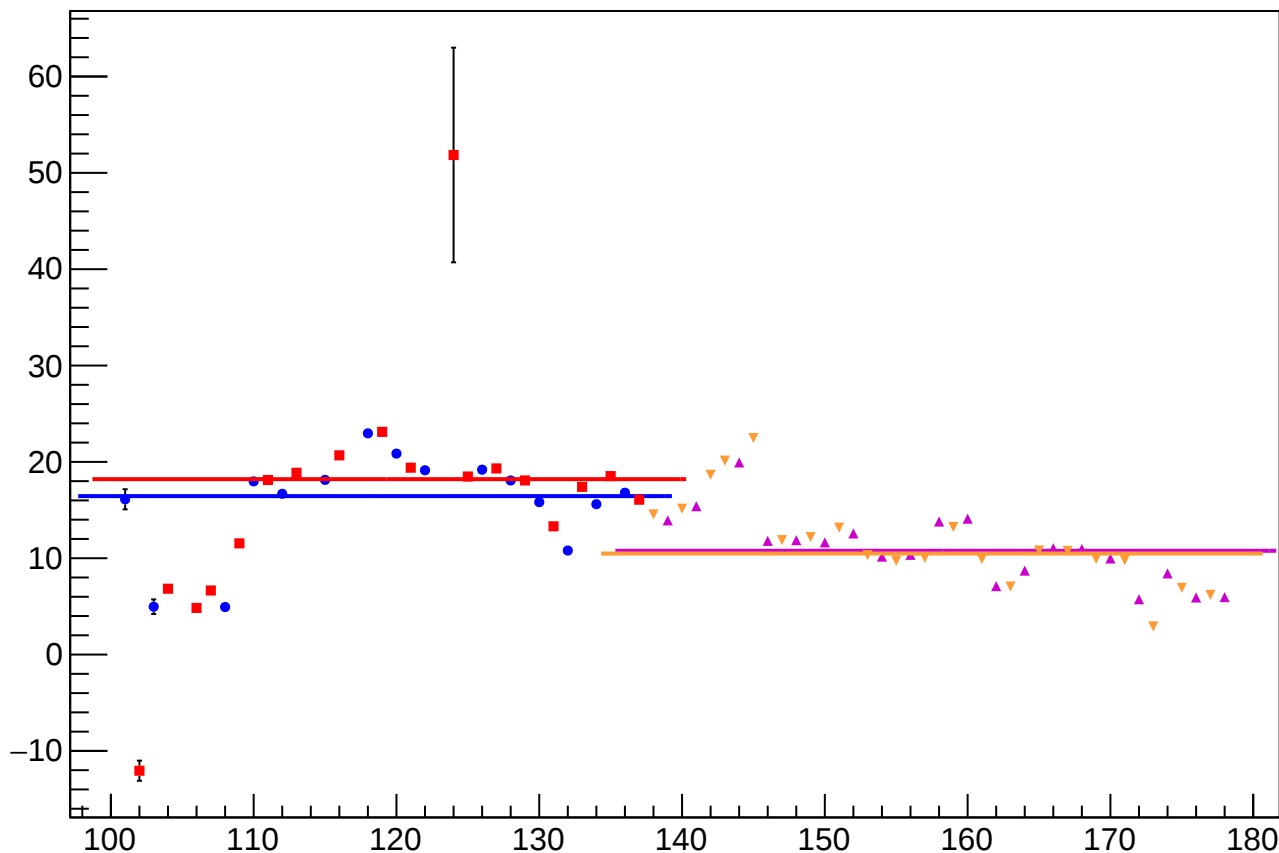
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 4.420 ± 0.007 χ^2/NDF : 205118.2/34

Out: 4.218 ± 0.006 χ^2/NDF : 219526.1/38

All: 4.310 ± 0.004 χ^2/NDF : 425156.3/73

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 10.487 ± 0.008 $\chi^2/\text{NDF}: 168593.3/20$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 10.774 ± 0.009 $\chi^2/\text{NDF}: 105508.6/19$

Left: 10.613 ± 0.006 $\chi^2/\text{NDF}: 274726.5/40$

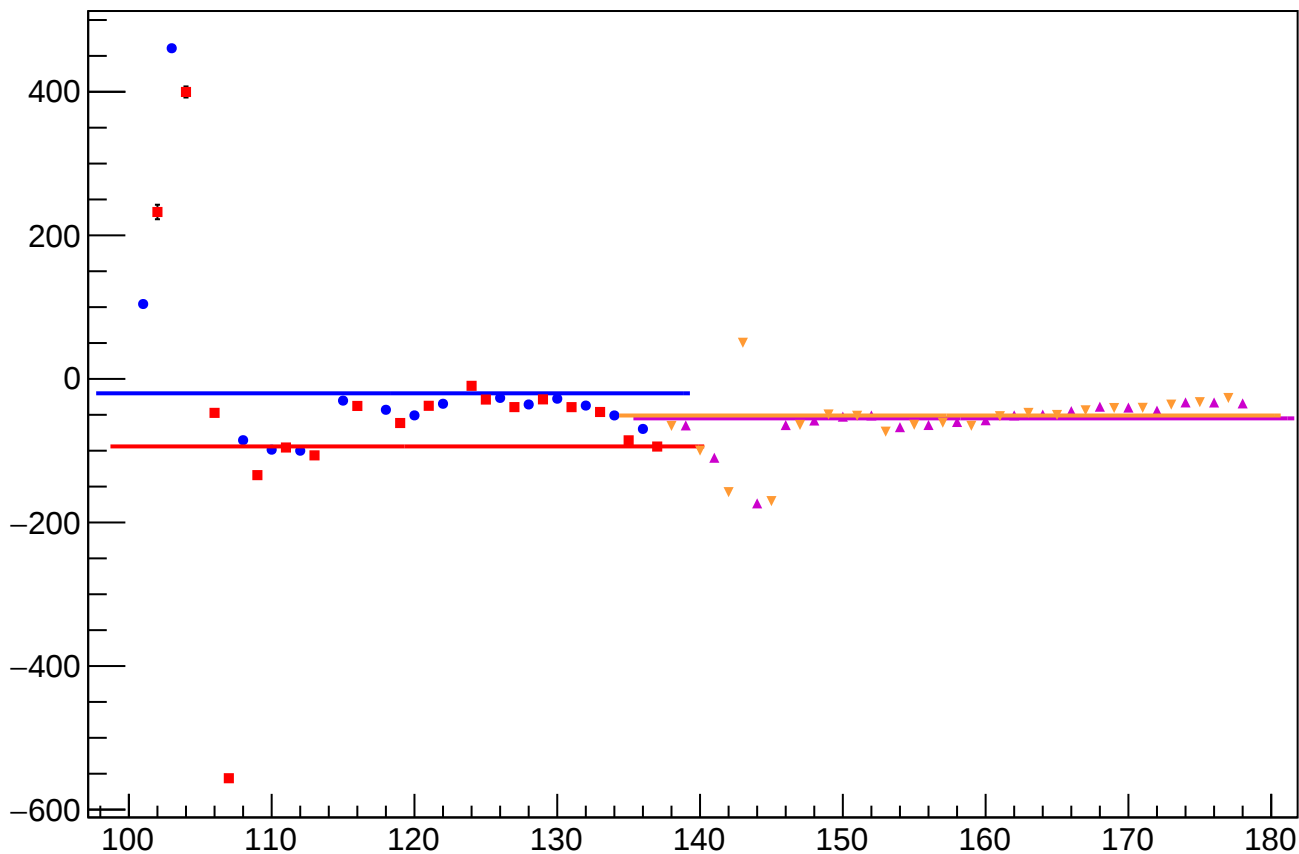
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 11.401 ± 0.008 $\chi^2/\text{NDF}: 167744.7/34$

Out: 11.433 ± 0.007 $\chi^2/\text{NDF}: 321365.5/38$

All: 11.419 ± 0.005 $\chi^2/\text{NDF}: 489118.7/73$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -50.971 ± 0.093 $\chi^2/\text{NDF}: 58689.6/20$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -54.965 ± 0.106 $\chi^2/\text{NDF}: 57705.9/19$

Left: -52.715 ± 0.070 $\chi^2/\text{NDF}: 117195.2/40$

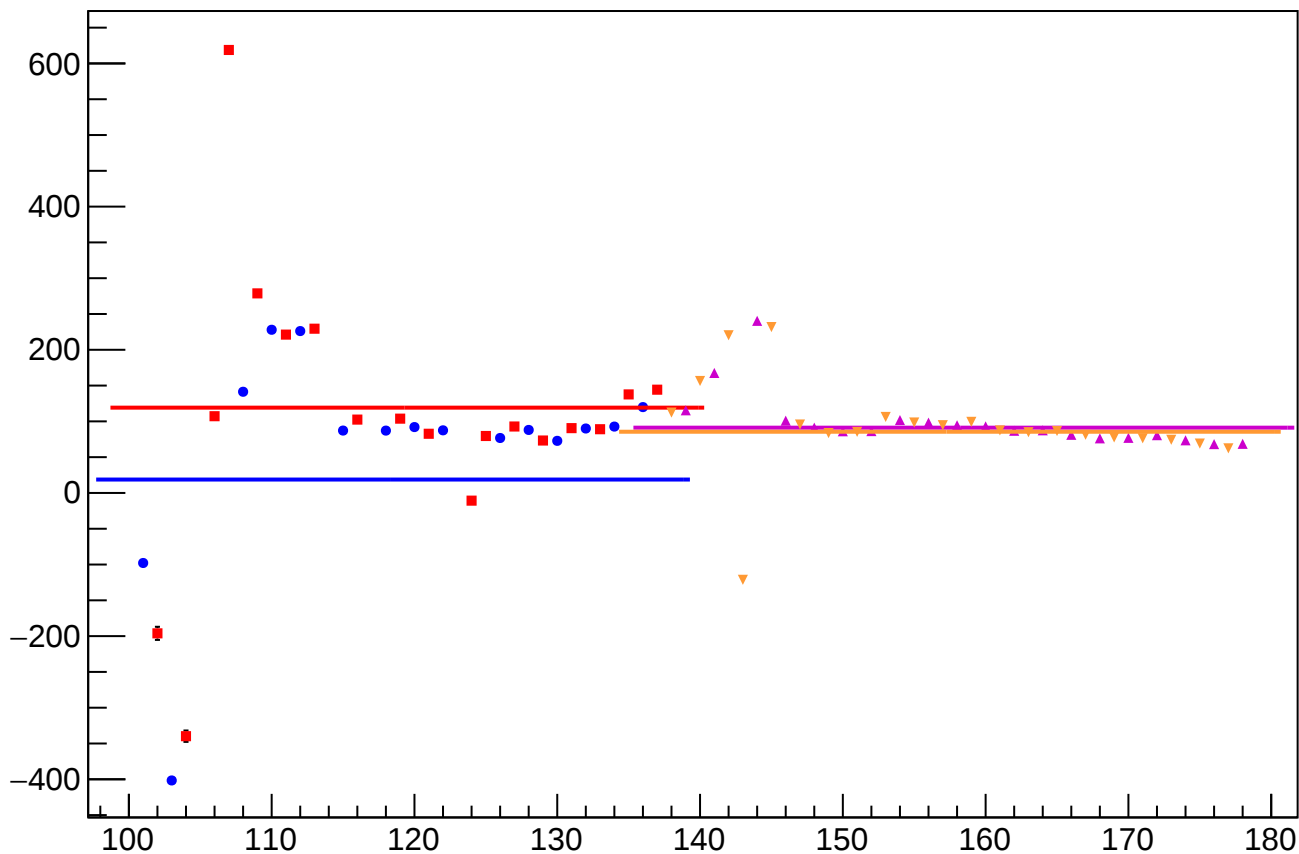
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -43.660 ± 0.087 $\chi^2/\text{NDF}: 534293.2/34$

Out: -93.299 ± 0.012 $\chi^2/\text{NDF}: 355528.9/38$

All: -92.326 ± 0.012 $\chi^2/\text{NDF}: 1207850.8/73$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 85.516 ± 0.083 $\chi^2/\text{NDF}: 177566.0/20$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 91.189 ± 0.092 $\chi^2/\text{NDF}: 80415.2/19$

Left: 88.037 ± 0.062 $\chi^2/\text{NDF}: 260076.8/40$

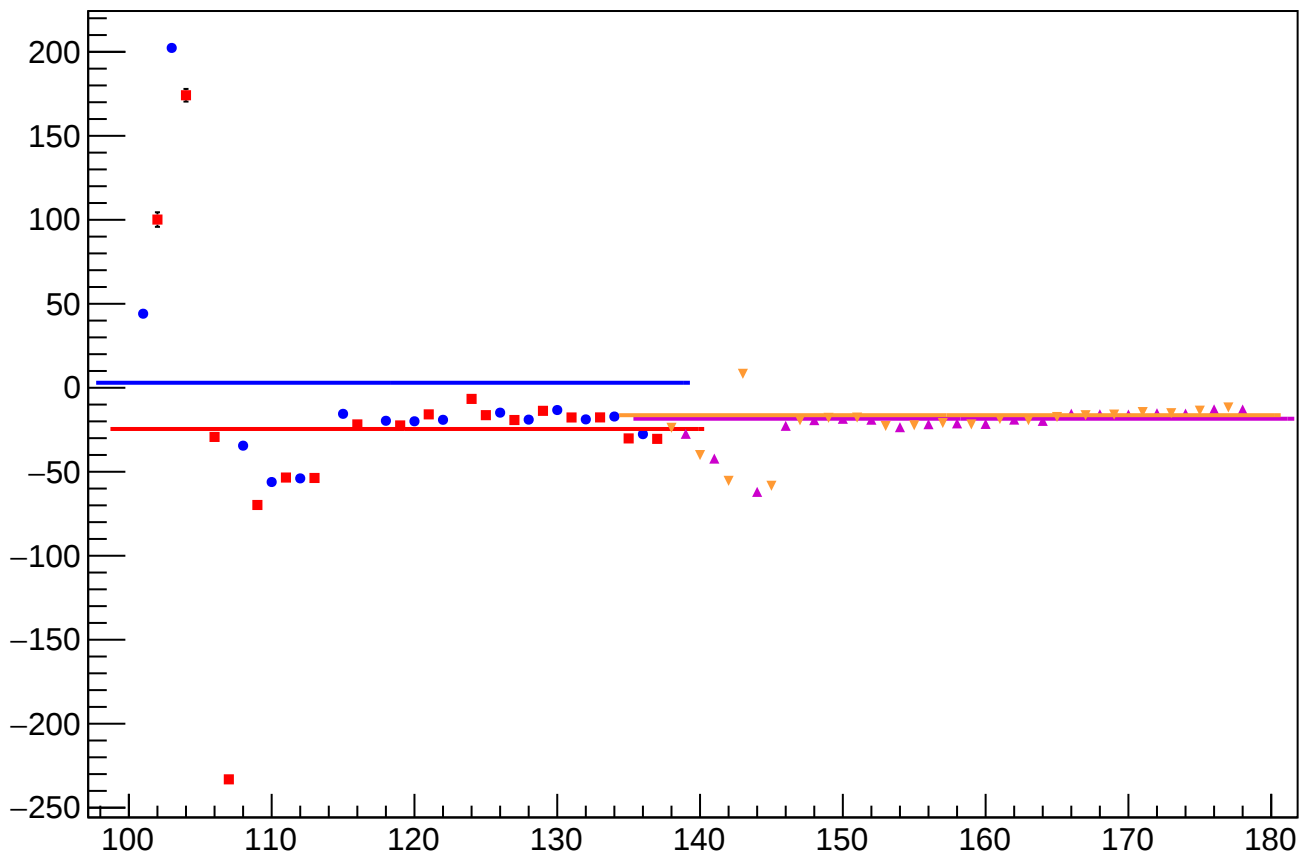
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 71.662 ± 0.079 $\chi^2/\text{NDF}: 1348052.8/34$

Out: 90.452 ± 0.076 $\chi^2/\text{NDF}: 289355.1/38$

All: 81.376 ± 0.055 $\chi^2/\text{NDF}: 1666692.1/73$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.321 ± 0.012 $\chi^2/\text{NDF}: 578719.2/20$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -18.432 ± 0.013 $\chi^2/\text{NDF}: 206132.4/19$

Left: -17.345 ± 0.009 $\chi^2/\text{NDF}: 799102.6/40$

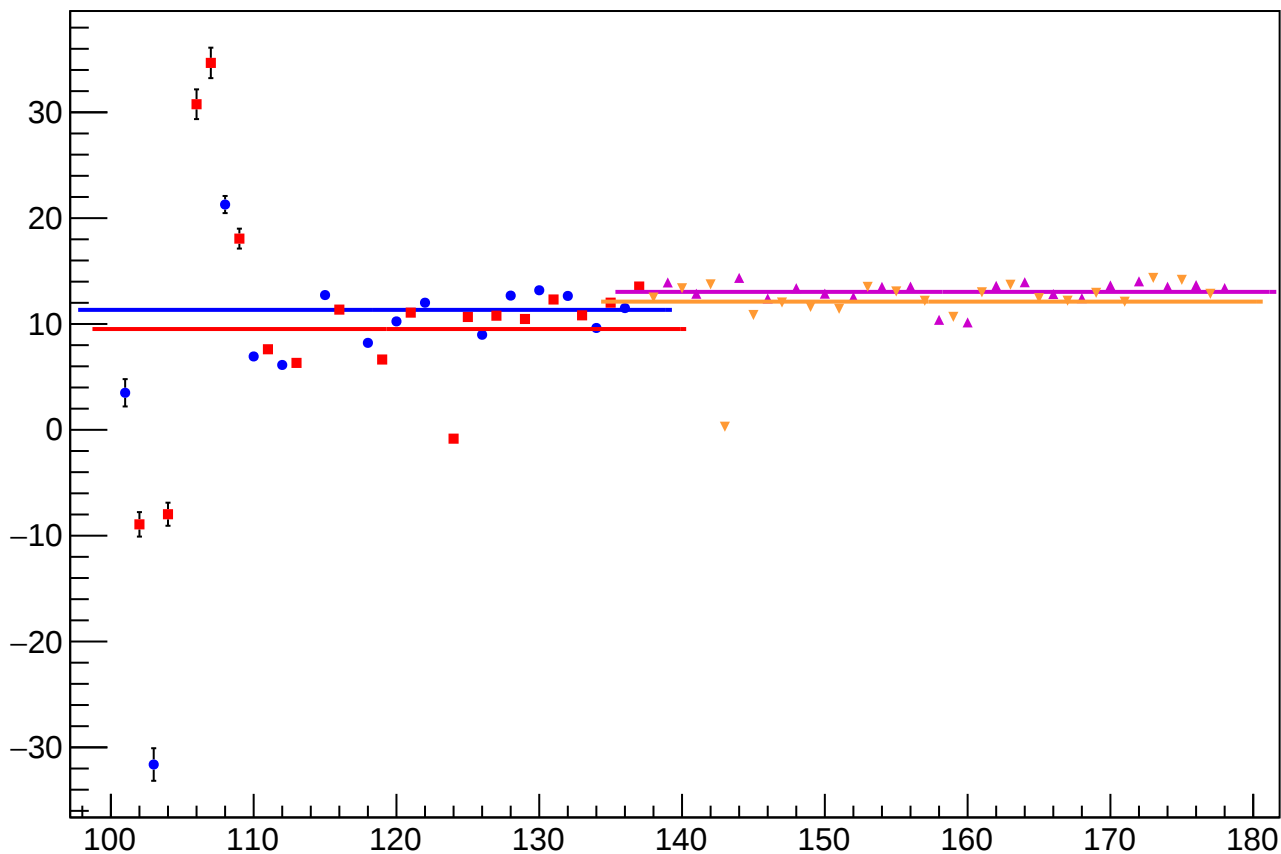
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.530 ± 0.011 $\chi^2/\text{NDF}: 4222141.0/34$

Out: -16.928 ± 0.012 $\chi^2/\text{NDF}: 788019.8/38$

All: -15.690 ± 0.008 $\chi^2/\text{NDF}: 5031284.2/73$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 $\chi^2/\text{NDF}: 2406.0/14$

Left Out: 12.113 ± 0.015 $\chi^2/\text{NDF}: 32771.9/20$

Right Out: 9.524 ± 0.048 $\chi^2/\text{NDF}: 4066.9/17$

Left In: 13.034 ± 0.012 $\chi^2/\text{NDF}: 6507.2/19$

Left: 12.678 ± 0.009 $\chi^2/\text{NDF}: 41709.2/40$

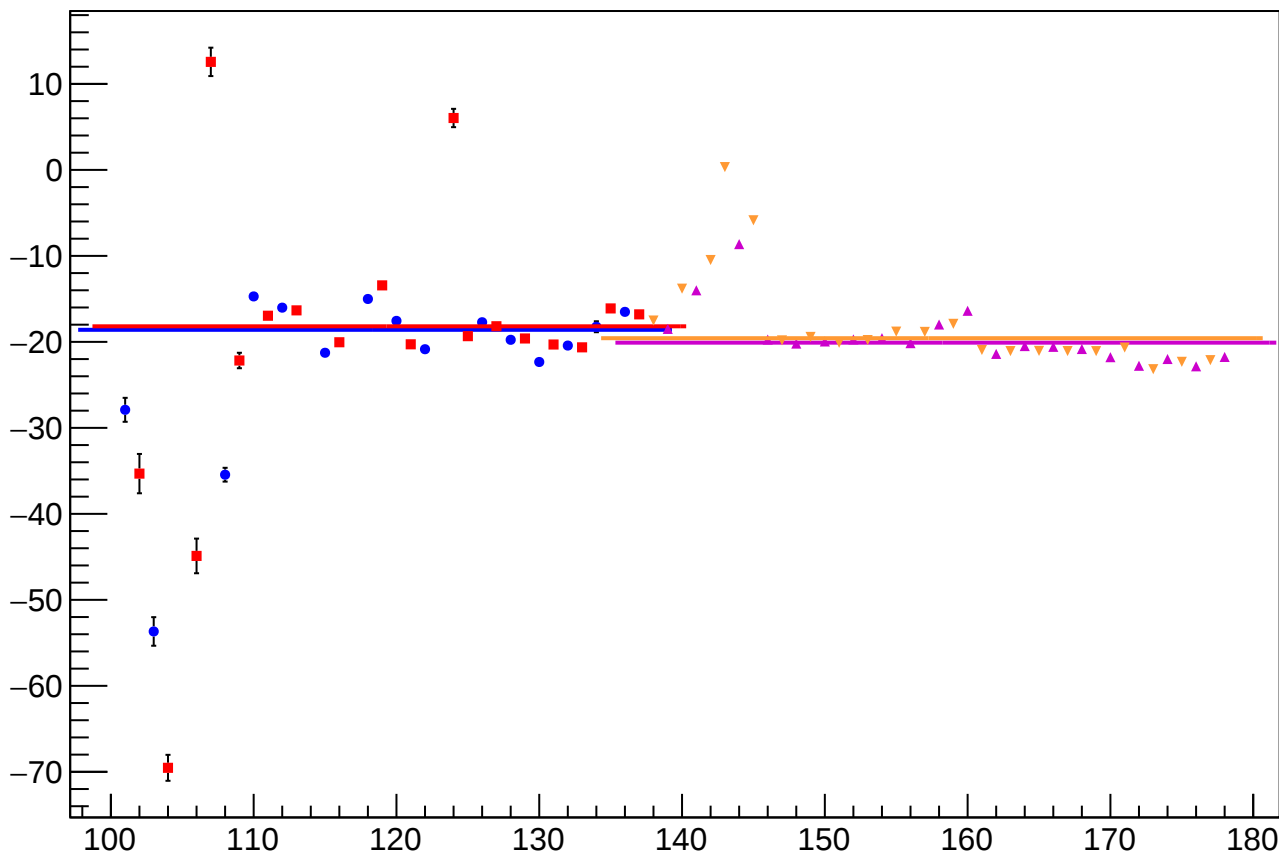
Right: 10.651 ± 0.029 $\chi^2/\text{NDF}: 7358.3/32$

In: 12.884 ± 0.011 $\chi^2/\text{NDF}: 10800.3/34$

Out: 11.893 ± 0.014 $\chi^2/\text{NDF}: 39500.0/38$

All: 12.502 ± 0.009 $\chi^2/\text{NDF}: 53379.3/73$

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597+/-0.037 χ^2/NDF : 6189.1/14

Left Out: -19.572+/-0.016 χ^2/NDF : 64009.7/20

Right Out: -18.189+/-0.049 χ^2/NDF : 4881.1/17

Left In: -20.091+/-0.016 χ^2/NDF : 16128.1/19

Left: -19.831+/-0.011 χ^2/NDF : 80680.9/40

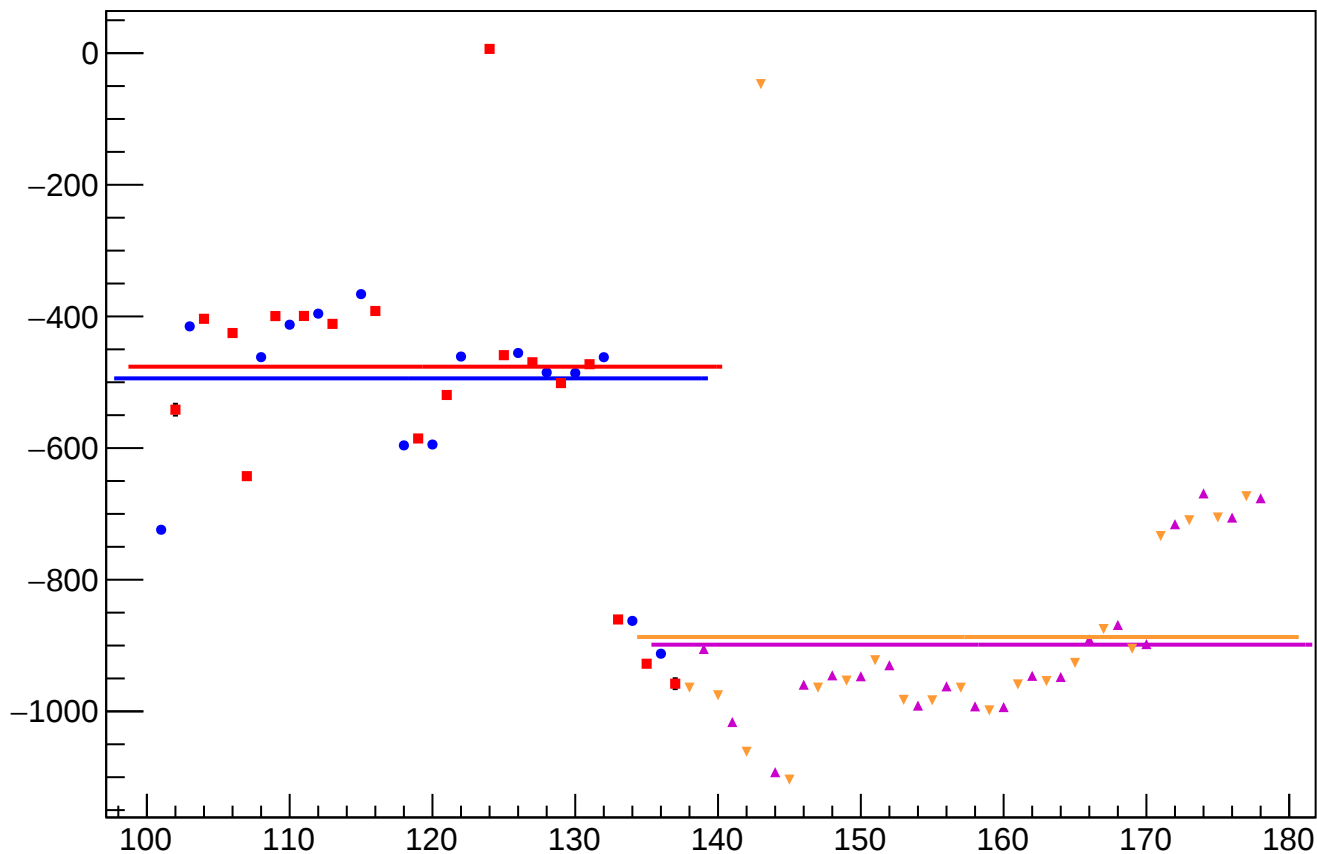
Right: -18.450+/-0.030 χ^2/NDF : 11113.5/32

In: -19.863+/-0.015 χ^2/NDF : 23687.1/34

Out: -19.445+/-0.015 χ^2/NDF : 69600.7/38

All: -19.660+/-0.010 χ^2/NDF : 93688.6/73

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 χ^2/NDF : 325996.5/14

Left Out: -887.039 ± 0.158 χ^2/NDF : 736913.5/20

Right Out: -476.348 ± 0.185 χ^2/NDF : 594116.3/17

Left In: -898.688 ± 0.158 χ^2/NDF : 562514.8/19

Left: -892.895 ± 0.112 χ^2/NDF : 1302143.8/40

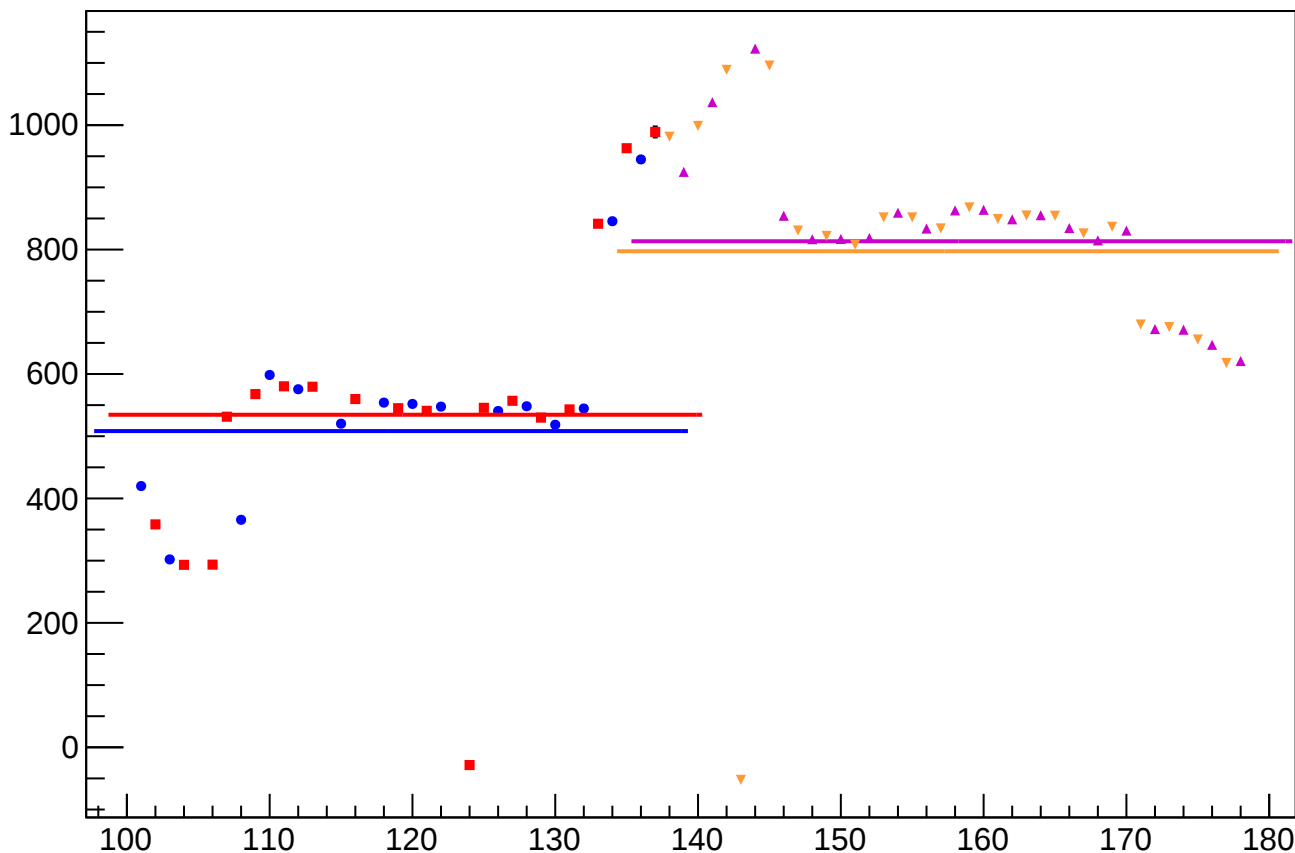
Right: -483.243 ± 0.145 χ^2/NDF : 923680.3/32

In: -770.961 ± 0.130 χ^2/NDF : 2968119.1/34

Out: -713.336 ± 0.120 χ^2/NDF : 4170886.4/38

All: -739.853 ± 0.088 χ^2/NDF : 7244419.2/73

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 +/- 0.222 χ^2/NDF : 439489.9/14

Left Out: 797.310 +/- 0.129 χ^2/NDF : 763453.8/20

Right Out: 534.536 +/- 0.217 χ^2/NDF : 368263.1/17

Left In: 813.361 +/- 0.131 χ^2/NDF : 475446.7/19

Left: 805.219 +/- 0.092 χ^2/NDF : 1246560.0/40

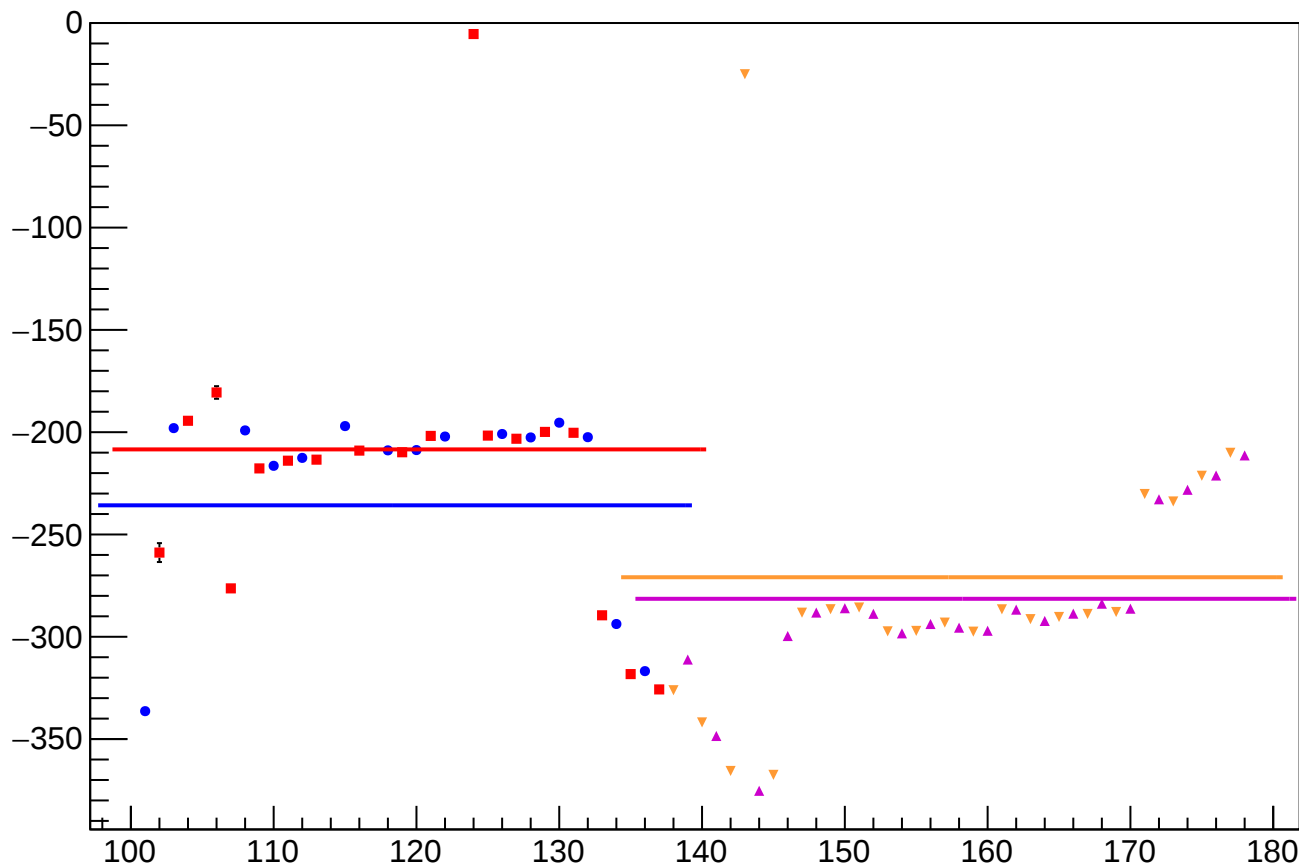
Right: 521.671 +/- 0.155 χ^2/NDF : 814918.8/32

In: 734.720 +/- 0.113 χ^2/NDF : 2320980.3/34

Out: 728.984 +/- 0.111 χ^2/NDF : 2215074.8/38

All: 731.806 +/- 0.079 χ^2/NDF : 4537374.6/73

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -270.903 ± 0.023 $\chi^2/\text{NDF}: 6906671.3/20$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -281.439 ± 0.023 $\chi^2/\text{NDF}: 1870445.7/19$

Left: -276.276 ± 0.016 $\chi^2/\text{NDF}: 8879993.3/40$

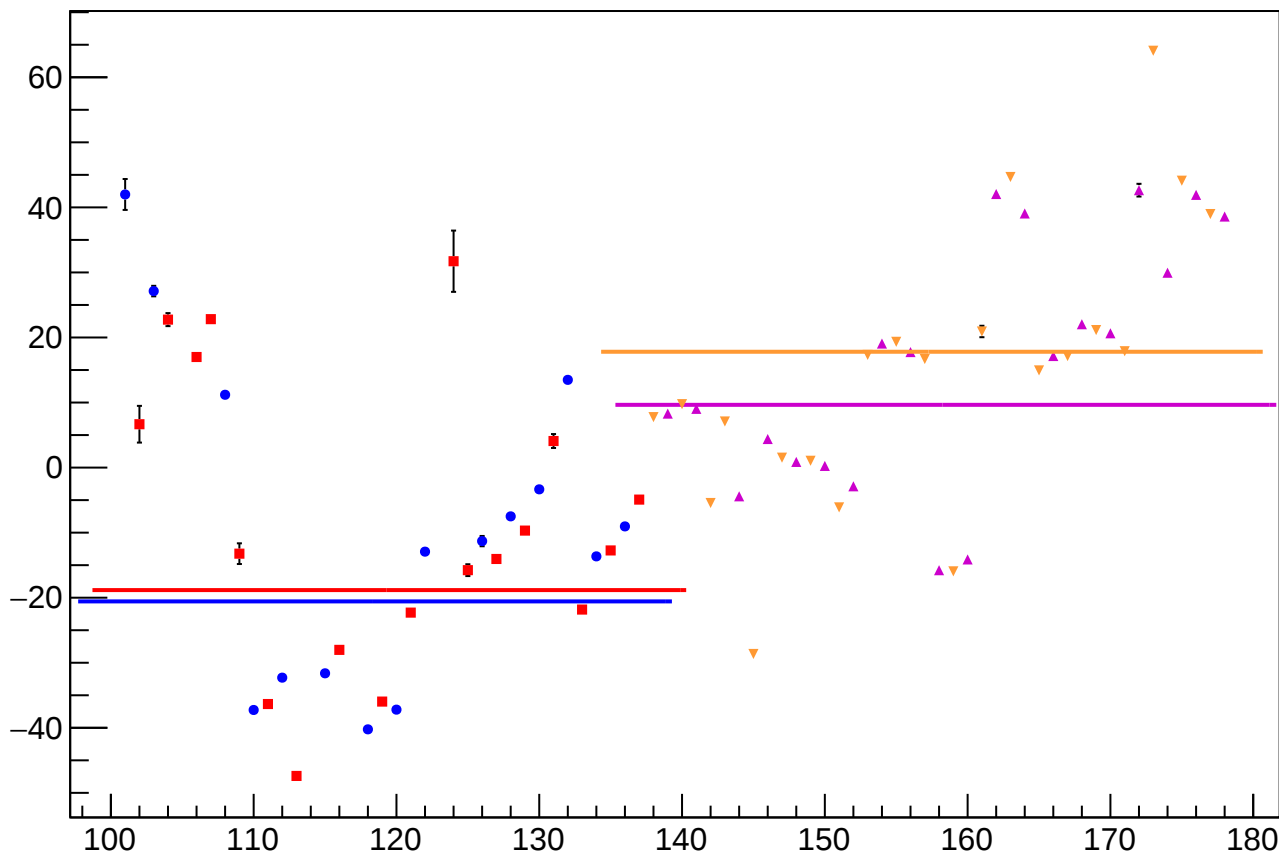
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -274.687 ± 0.021 $\chi^2/\text{NDF}: 3330065.3/34$

Out: -258.332 ± 0.021 $\chi^2/\text{NDF}: 8709309.6/38$

All: -266.408 ± 0.015 $\chi^2/\text{NDF}: 12339850.7/77$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 17.808 ± 0.022 χ^2/NDF : 629876.6/20

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 9.647 ± 0.019 χ^2/NDF : 1108566.1/19

Left: 13.142 ± 0.014 χ^2/NDF : 1820140.9/40

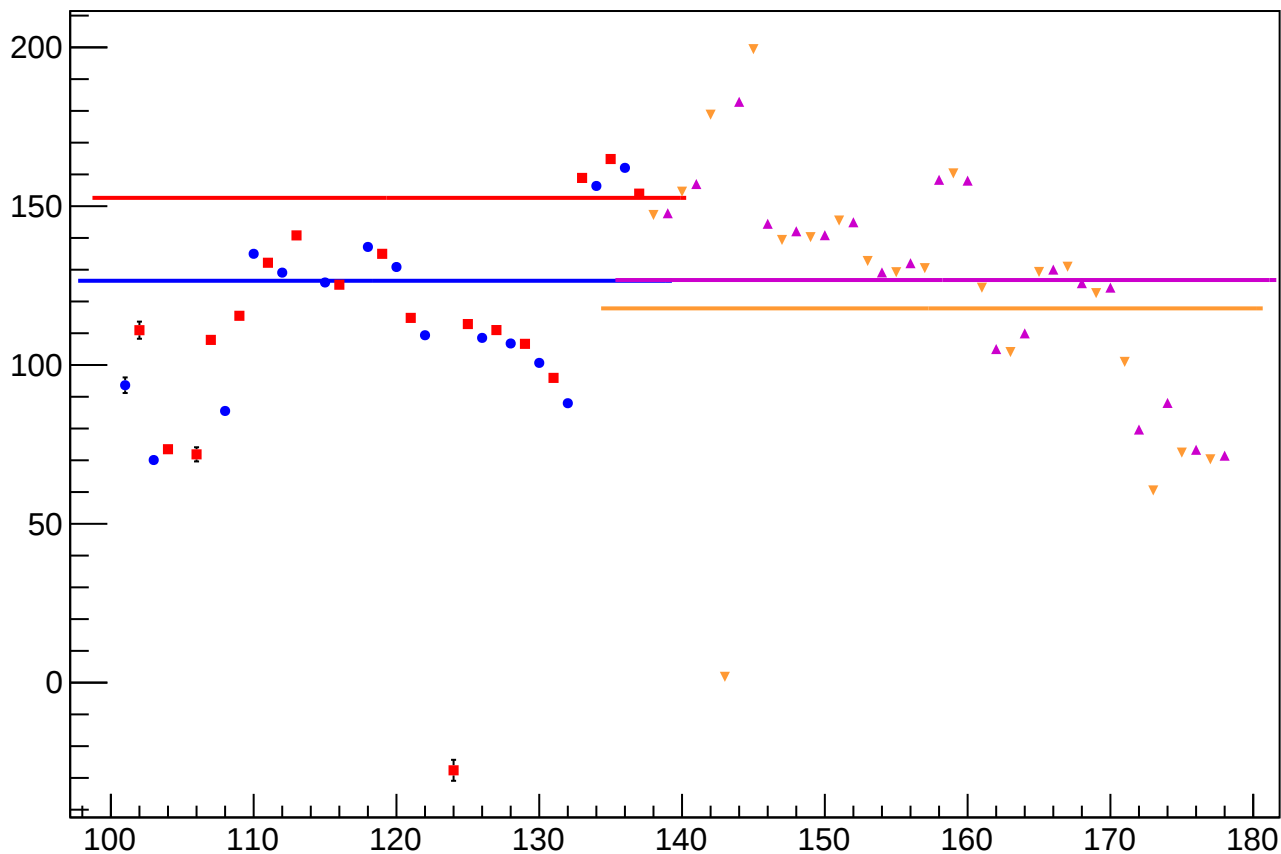
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 7.707 ± 0.018 χ^2/NDF : 1339854.4/34

Out: 16.400 ± 0.021 χ^2/NDF : 761383.9/38

All: 11.372 ± 0.014 χ^2/NDF : 2198764.1/73

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 117.825 $\pm$ 0.027 χ^2 /NDF:1197704.4/20

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 126.753 $\pm$ 0.026 χ^2 /NDF:1102287.2/19

Left: 122.583 $\pm$ 0.019 χ^2 /NDF: 2356476.1/40

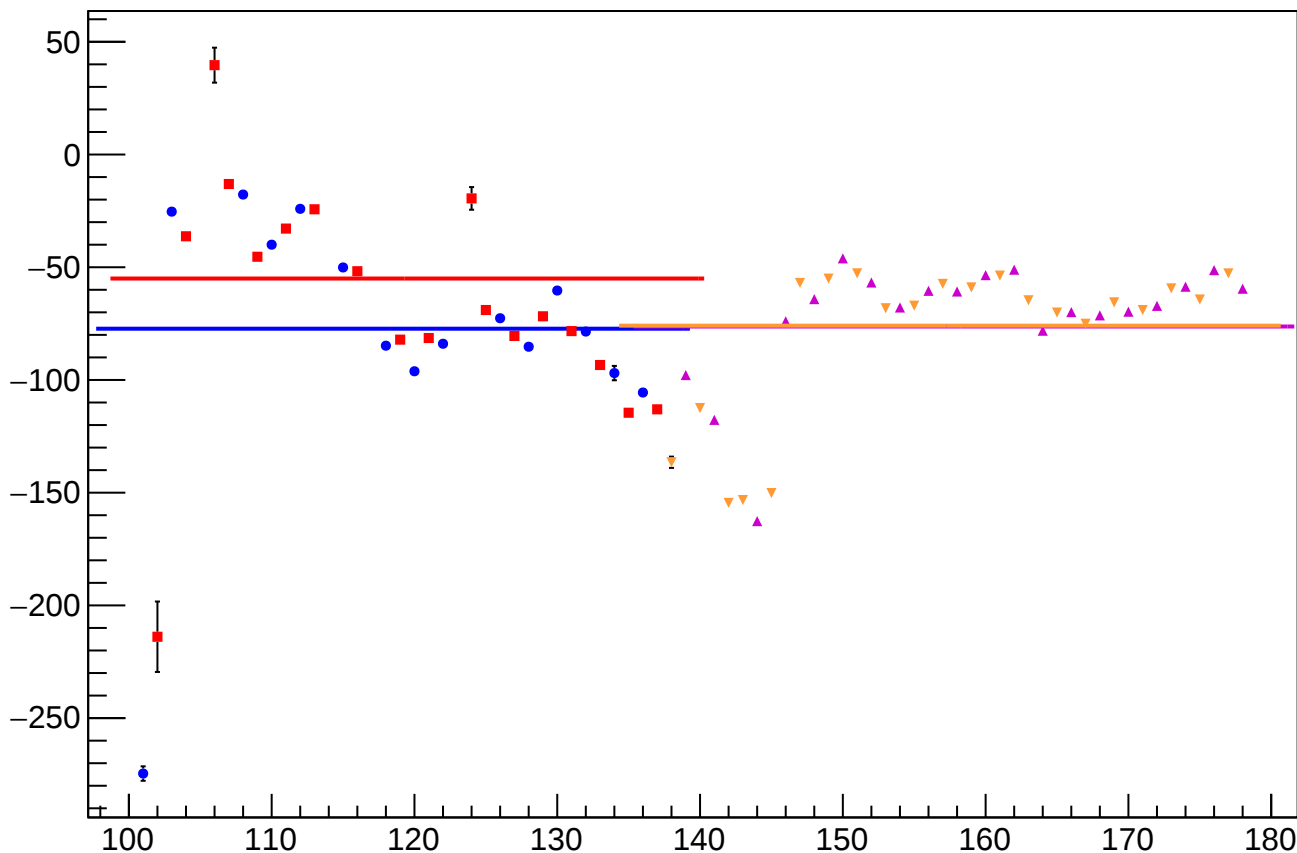
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 126.733 $\pm$ 0.025 χ^2 /NDF:1217261.7/34

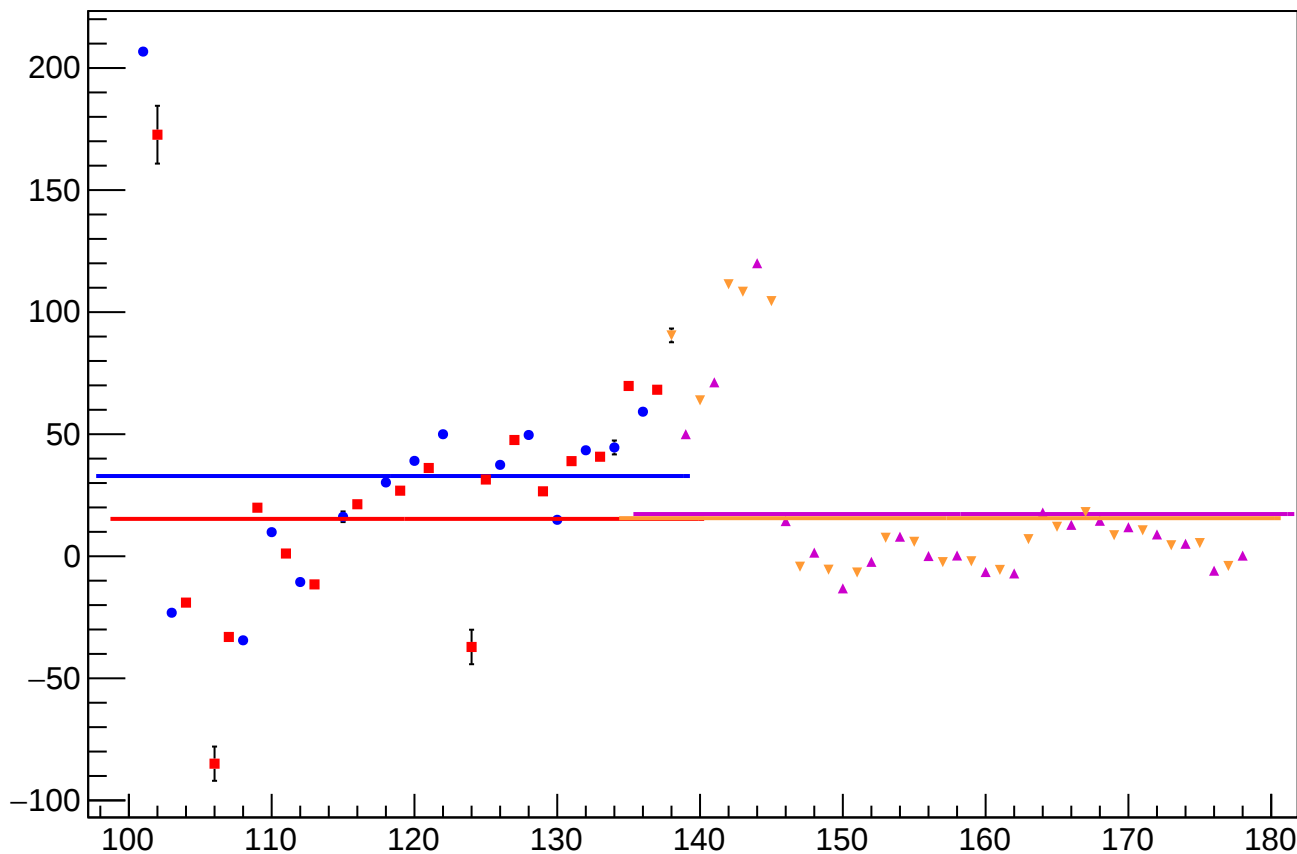
Out: 133.465 $\pm$ 0.020 χ^2 /NDF:1995222.7/38

All: 130.724 $\pm$ 0.016 χ^2 /NDF: 3257052.4/73

dit_atr1_4aX_slope vs Slug, Sign Corrected



dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 15.596 $\pm$ 0.106 χ^2 /NDF:93011.9/20

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 17.297 $\pm$ 0.105 χ^2 /NDF:92548.4/19

Left: 16.452 $\pm$ 0.075 χ^2 /NDF: 185689.5/40

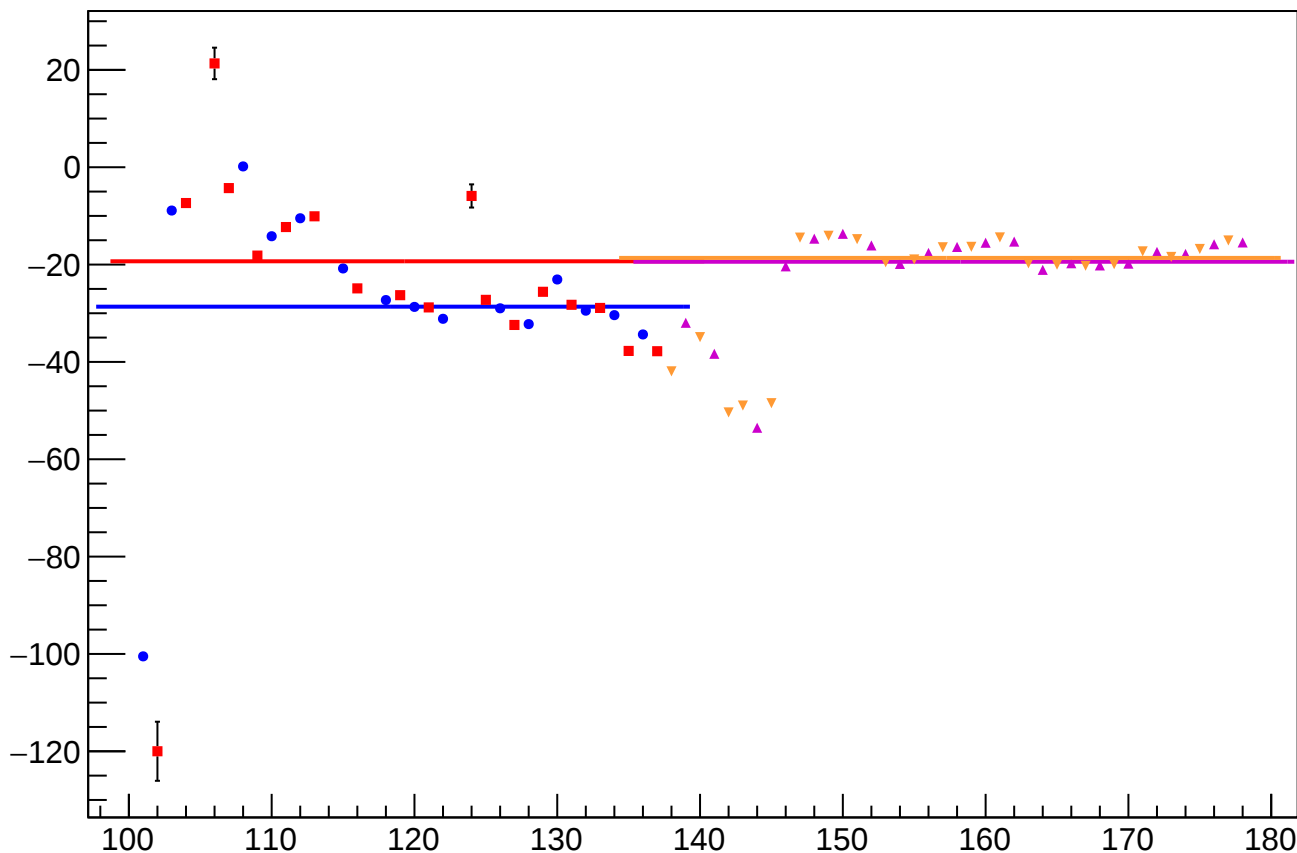
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 22.634 $\pm$ 0.085 χ^2 /NDF:131417.2/34

Out: 15.538 $\pm$ 0.095 χ^2 /NDF:109759.4/38

All: 19.447 $\pm$ 0.063 χ^2 /NDF: 244271.5/73

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.630 ± 0.014 $\chi^2/\text{NDF}: 227863.2/20$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.418 ± 0.015 $\chi^2/\text{NDF}: 199826.9/19$

Left: -19.006 ± 0.010 $\chi^2/\text{NDF}: 429142.5/40$

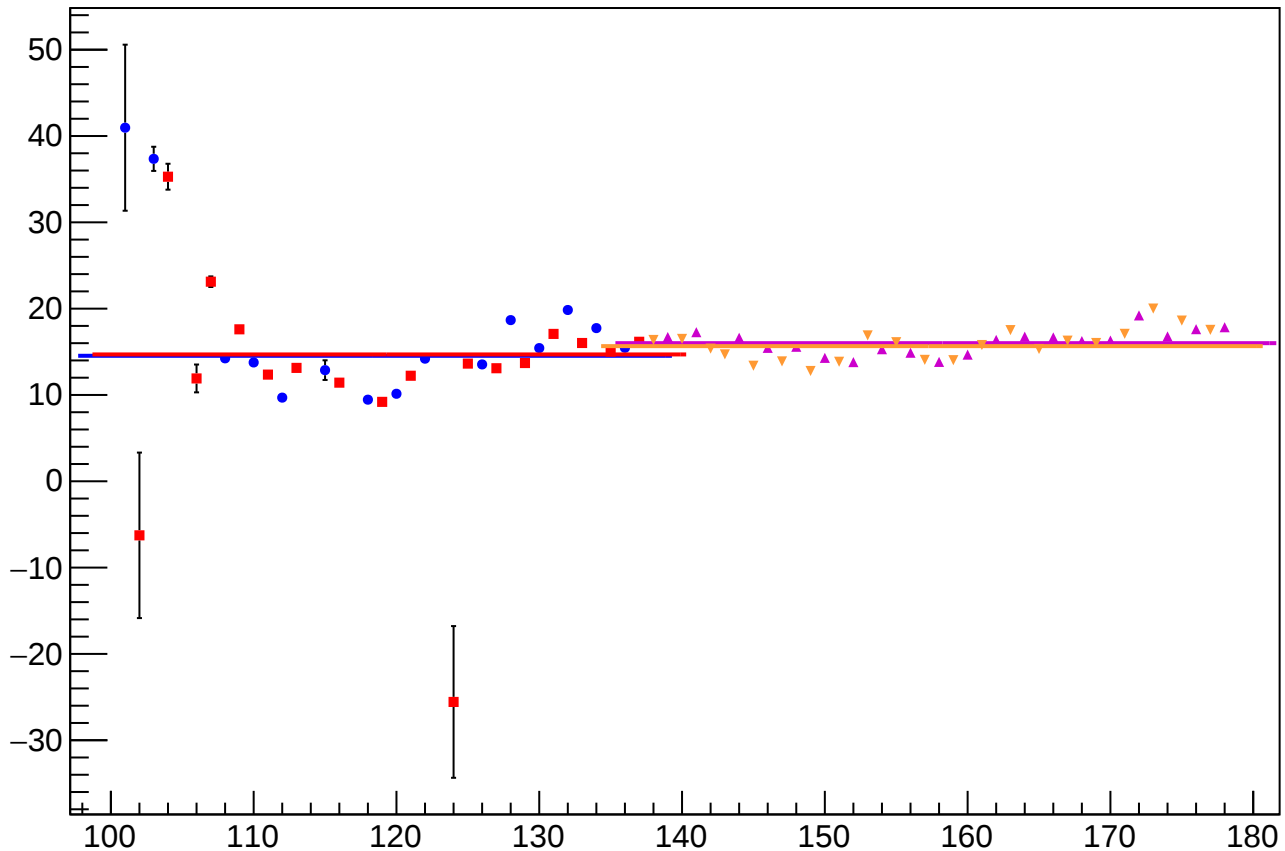
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -20.895 ± 0.014 $\chi^2/\text{NDF}: 374205.6/34$

Out: -18.711 ± 0.013 $\chi^2/\text{NDF}: 284717.5/38$

All: -19.781 ± 0.010 $\chi^2/\text{NDF}: 671876.5/73$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.657+/-0.015 χ^2/NDF :10398.4/20

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.001+/-0.013 χ^2/NDF :10788.3/19

Left: 15.845+/-0.010 χ^2/NDF : 21490.4/40

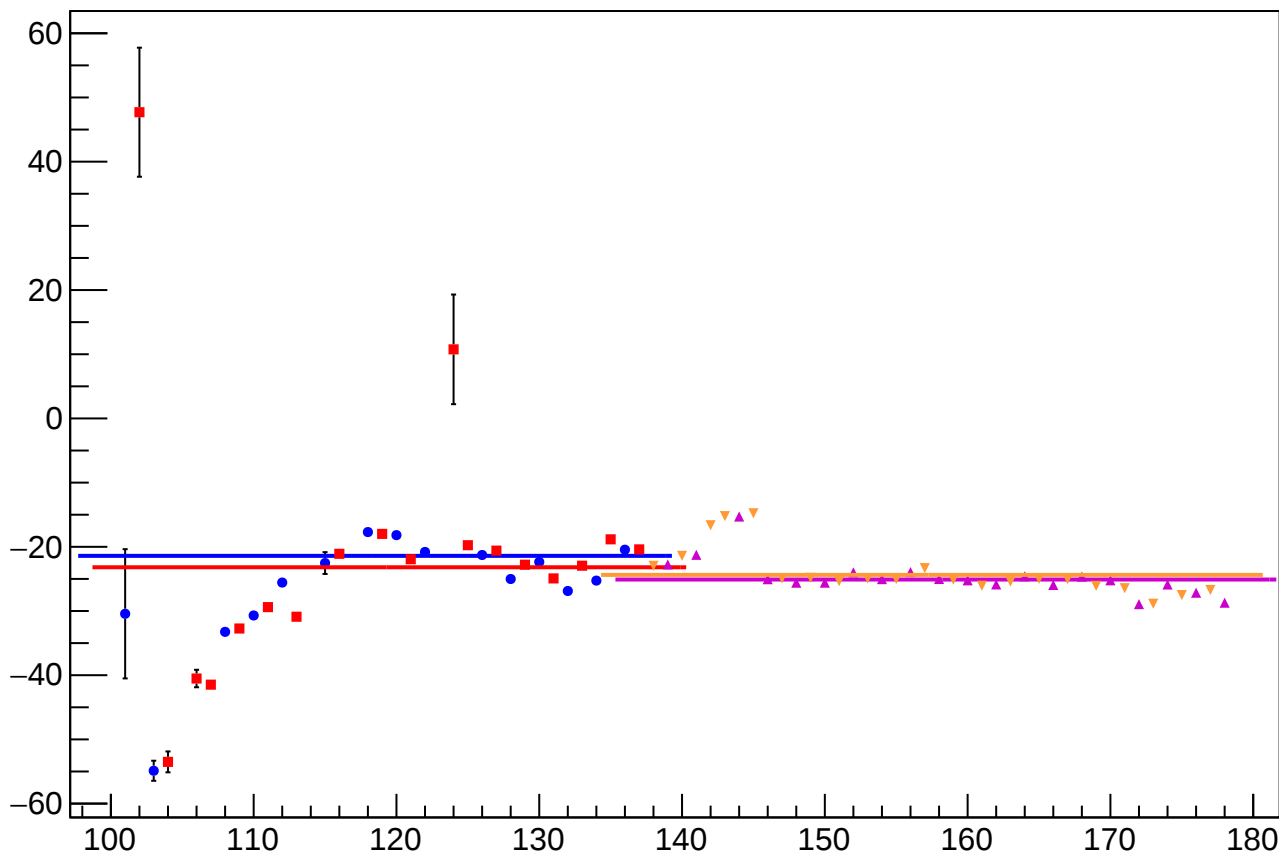
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.758+/-0.012 χ^2/NDF :24867.2/34

Out: 15.559+/-0.014 χ^2/NDF :12470.2/38

All: 15.672+/-0.009 χ^2/NDF : 37454.4/73

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.373 ± 0.017 $\chi^2/\text{NDF}: 40988.6/20$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -25.097 ± 0.017 $\chi^2/\text{NDF}: 14046.3/19$

Left: -24.731 ± 0.012 $\chi^2/\text{NDF}: 55953.8/40$

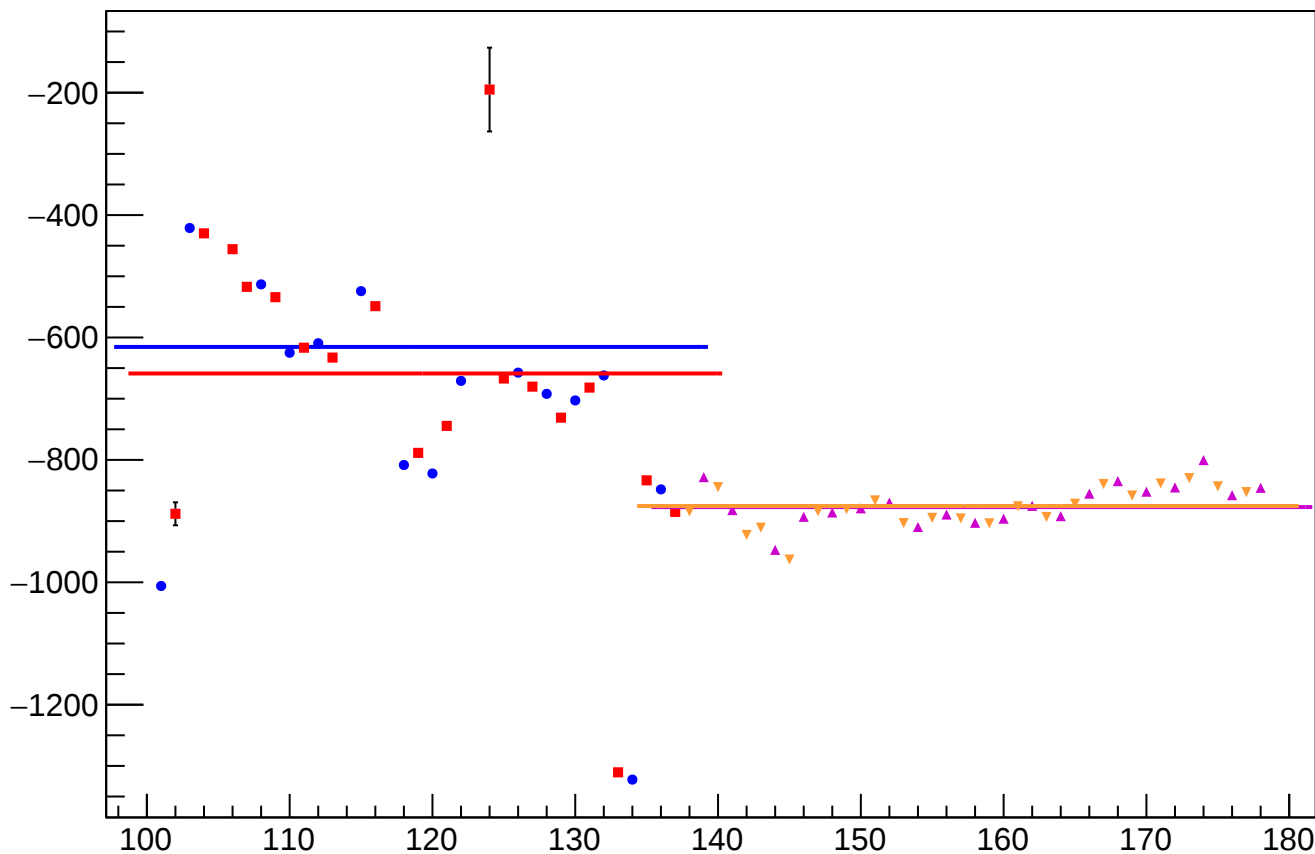
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.413 ± 0.015 $\chi^2/\text{NDF}: 32503.0/34$

Out: -24.257 ± 0.016 $\chi^2/\text{NDF}: 50601.7/38$

All: -24.338 ± 0.011 $\chi^2/\text{NDF}: 83154.6/73$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -875.321+/-0.136 χ^2/NDF : 41333.1/20

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -877.064+/-0.128 χ^2/NDF : 48684.8/19

Left: -876.246+/-0.093 χ^2/NDF : 90104.5/40

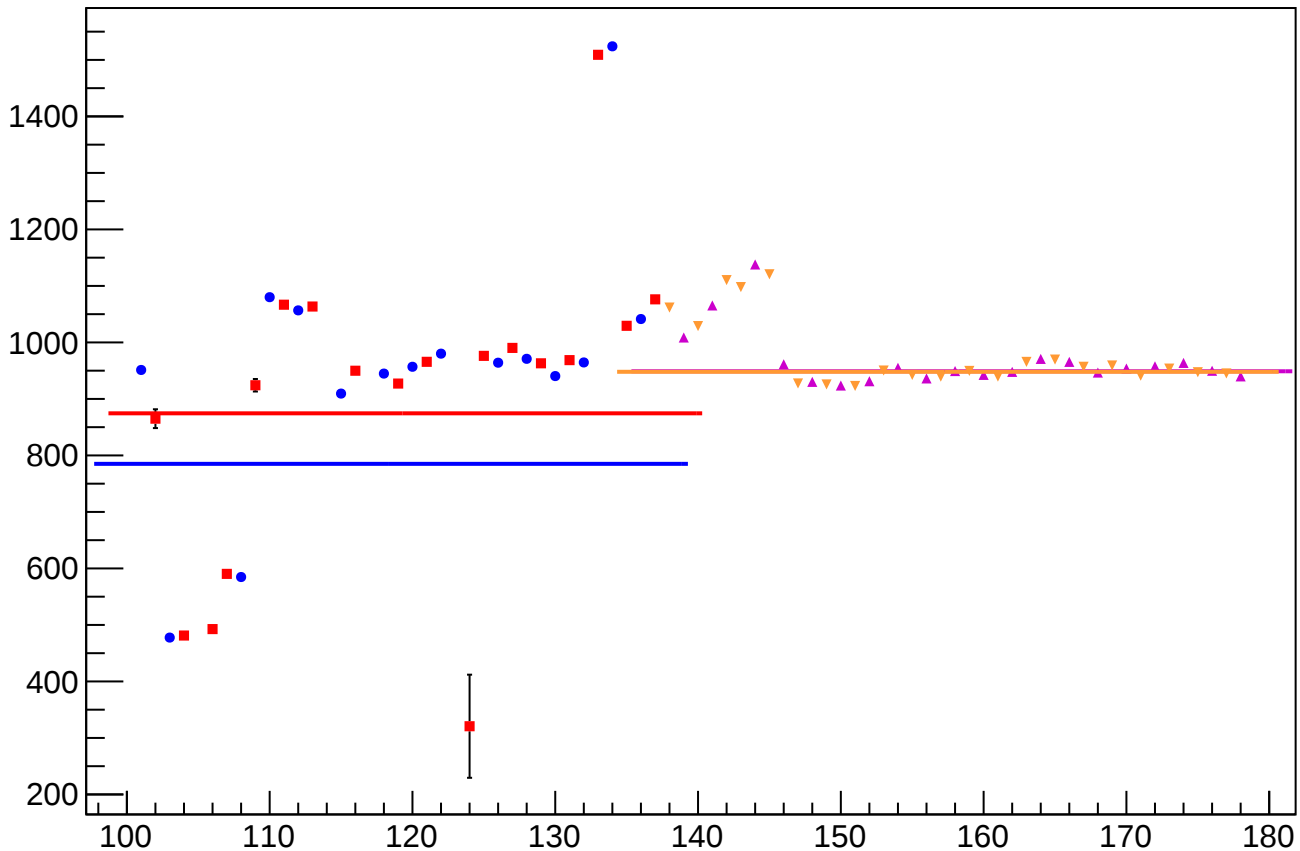
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -817.980+/-0.113 χ^2/NDF : 1370292.2/34

Out: -827.487+/-0.120 χ^2/NDF : 982701.2/38

All: -822.426+/-0.082 χ^2/NDF : 2356309.1/73

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 948.021 $\pm$ 0.107 χ^2/NDF : 71882.6/20

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 948.939 $\pm$ 0.106 χ^2/NDF : 76708.2/19

Left: 948.482 $\pm$ 0.075 χ^2/NDF : 148627.8/40

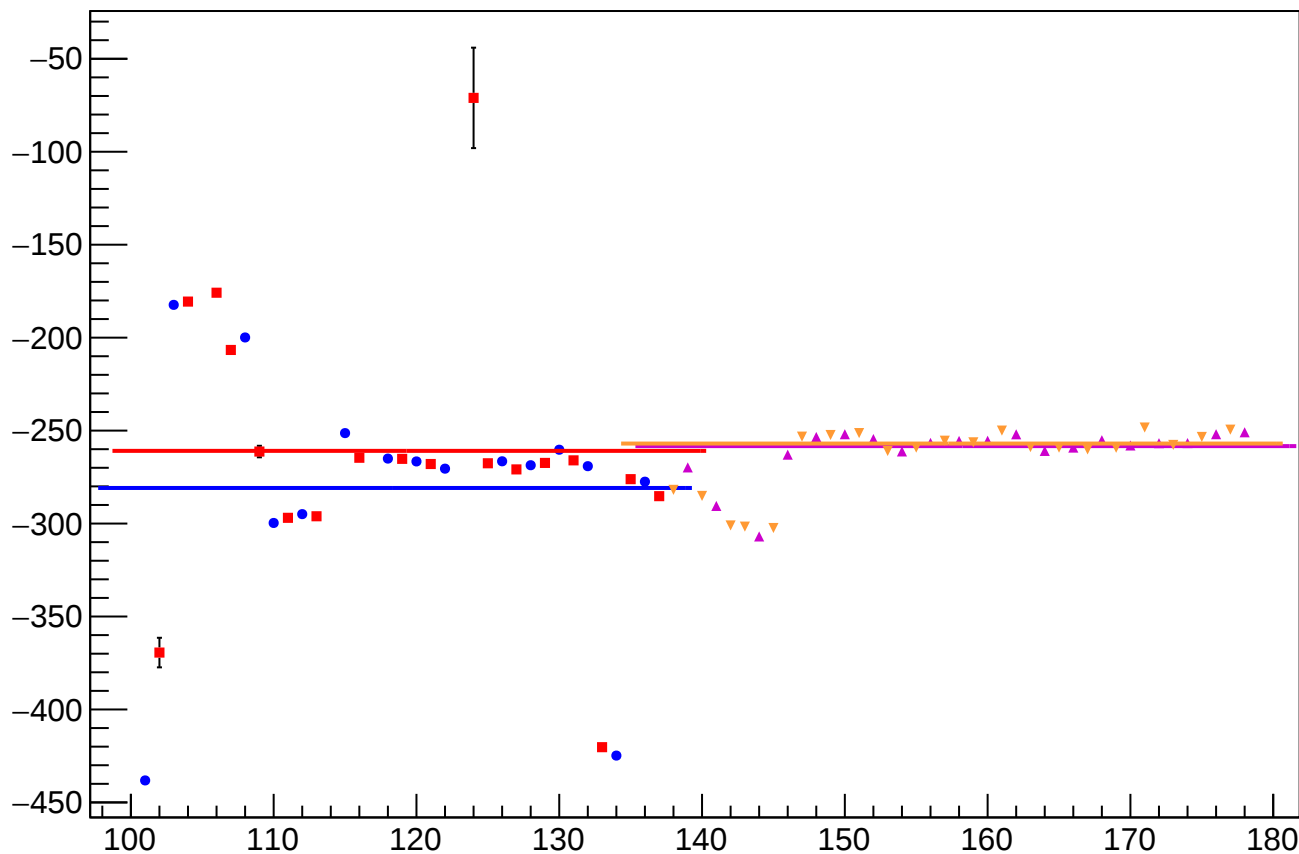
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 919.636 $\pm$ 0.096 χ^2/NDF : 1386760.3/34

Out: 937.498 $\pm$ 0.099 χ^2/NDF : 982273.2/38

All: 928.346 $\pm$ 0.069 χ^2/NDF : 2385761.6/73

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -256.967 ± 0.020 $\chi^2/\text{NDF}: 181448.1/20$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -258.343 ± 0.019 $\chi^2/\text{NDF}: 200106.6/19$

Left: -257.677 ± 0.014 $\chi^2/\text{NDF}: 383987.0/40$

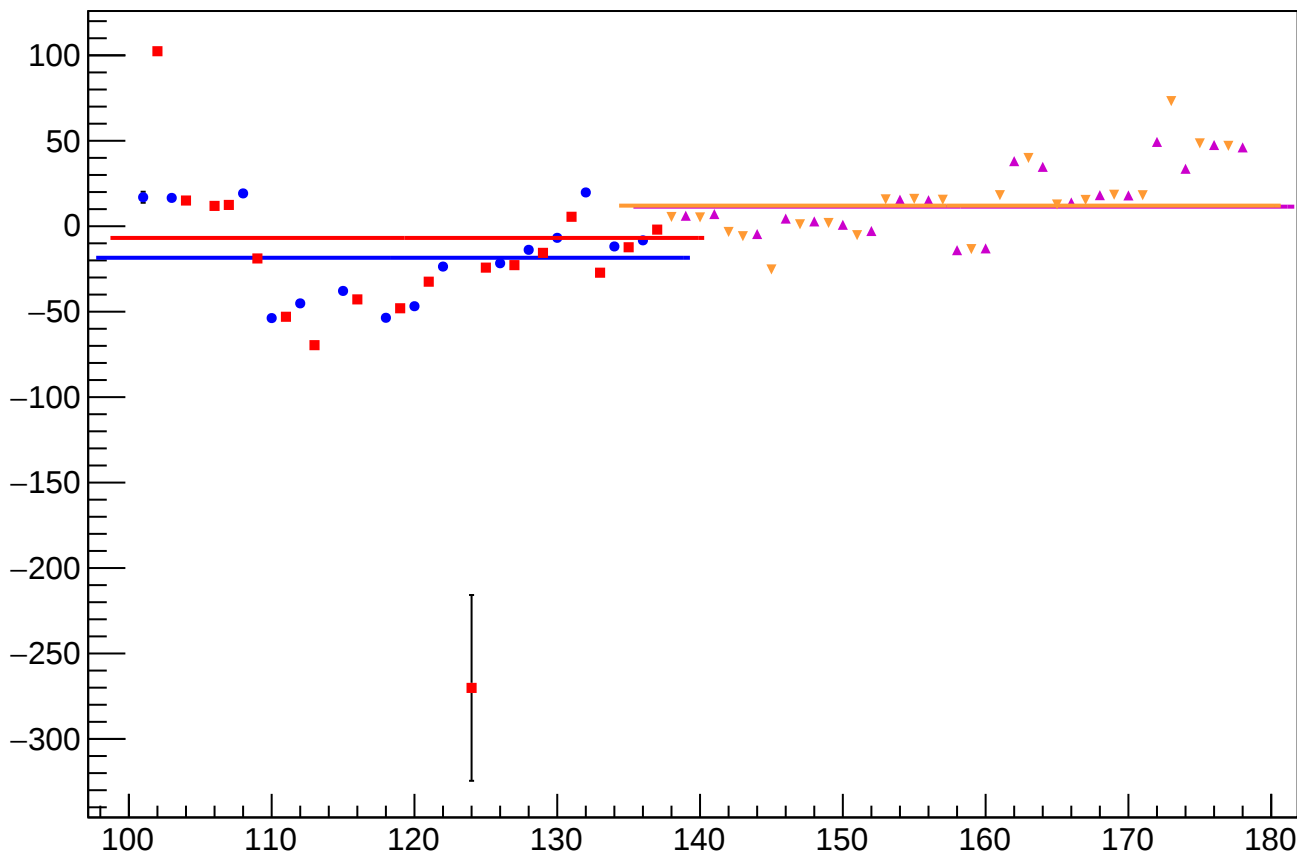
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -260.573 ± 0.018 $\chi^2/\text{NDF}: 1207003.5/34$

Out: -257.285 ± 0.019 $\chi^2/\text{NDF}: 532275.5/38$

All: -258.998 ± 0.013 $\chi^2/\text{NDF}: 1754535.8/73$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 12.054 ± 0.020 $\chi^2/\text{NDF}: 572860.2/20$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 11.453 ± 0.019 $\chi^2/\text{NDF}: 823023.2/19$

Left: 11.735 ± 0.014 $\chi^2/\text{NDF}: 1396343.0/40$

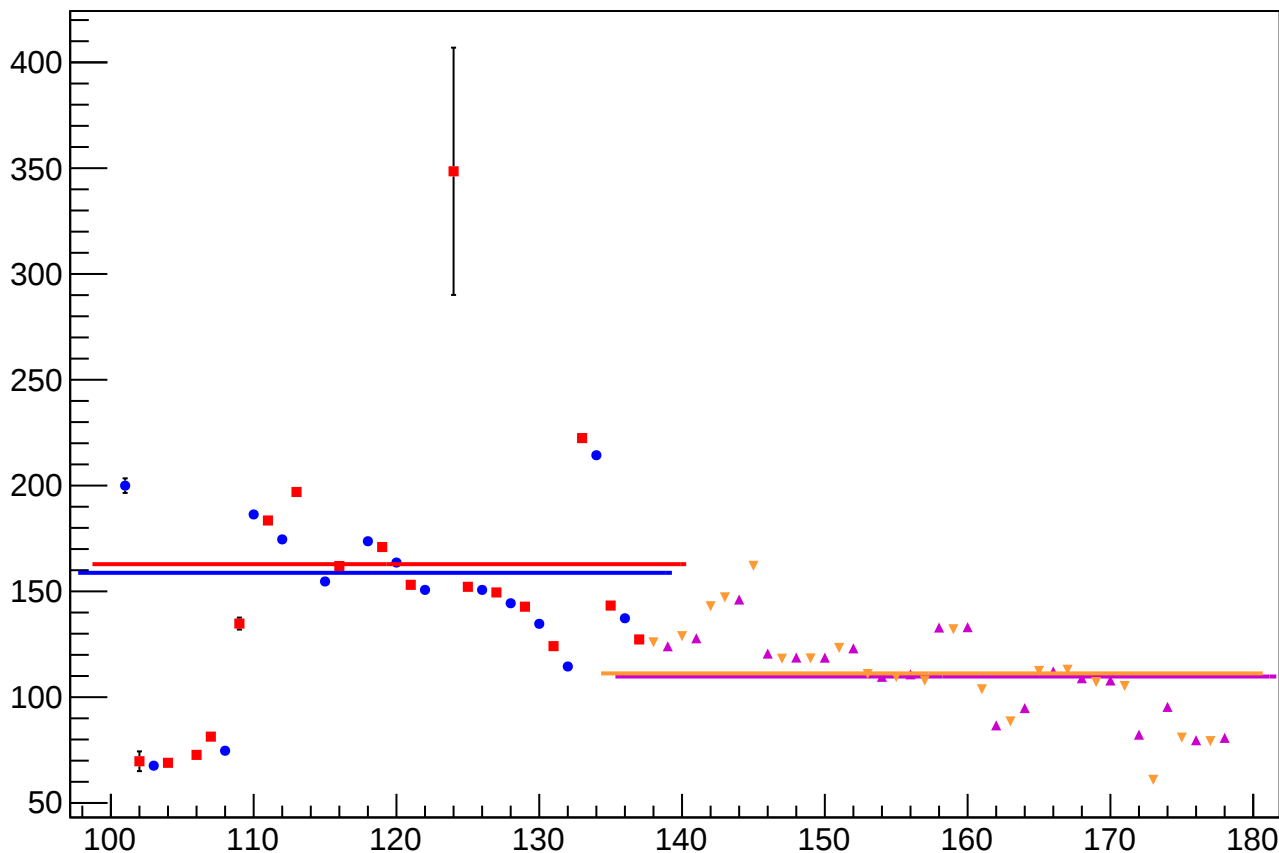
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 10.184 ± 0.019 $\chi^2/\text{NDF}: 972393.5/34$

Out: 10.333 ± 0.019 $\chi^2/\text{NDF}: 700724.6/38$

All: 10.256 ± 0.014 $\chi^2/\text{NDF}: 1673148.5/73$

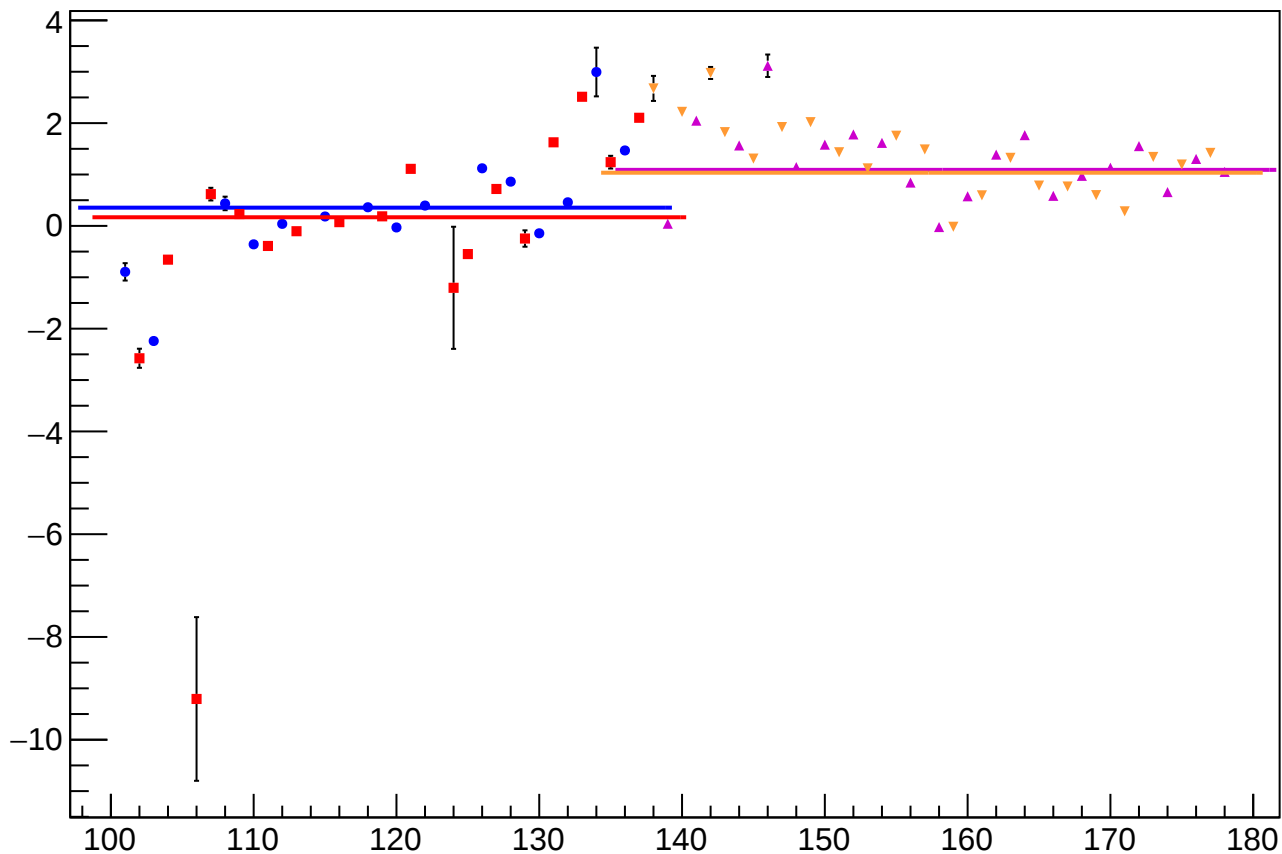
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 $\chi^2/\text{NDF}: 159016.5/14$
 Left Out: 111.235 ± 0.024 $\chi^2/\text{NDF}: 398202.5/20$
 Right Out: 162.856 ± 0.093 $\chi^2/\text{NDF}: 156176.8/17$
 Left In: 109.762 ± 0.021 $\chi^2/\text{NDF}: 581694.2/19$

Left: 110.381 ± 0.016 $\chi^2/\text{NDF}: 982064.9/40$
 Right: 160.702 ± 0.064 $\chi^2/\text{NDF}: 316204.3/32$
 In: 112.272 ± 0.020 $\chi^2/\text{NDF}: 1032943.4/34$
 Out: 114.464 ± 0.023 $\chi^2/\text{NDF}: 841553.9/38$
 All: 113.200 ± 0.015 $\chi^2/\text{NDF}: 1879589.5/73$

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.035 ± 0.008 χ^2/NDF : 6057.7/20

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.091 ± 0.007 χ^2/NDF : 7022.8/19

Left: 1.066 ± 0.005 χ^2/NDF : 13110.0/40

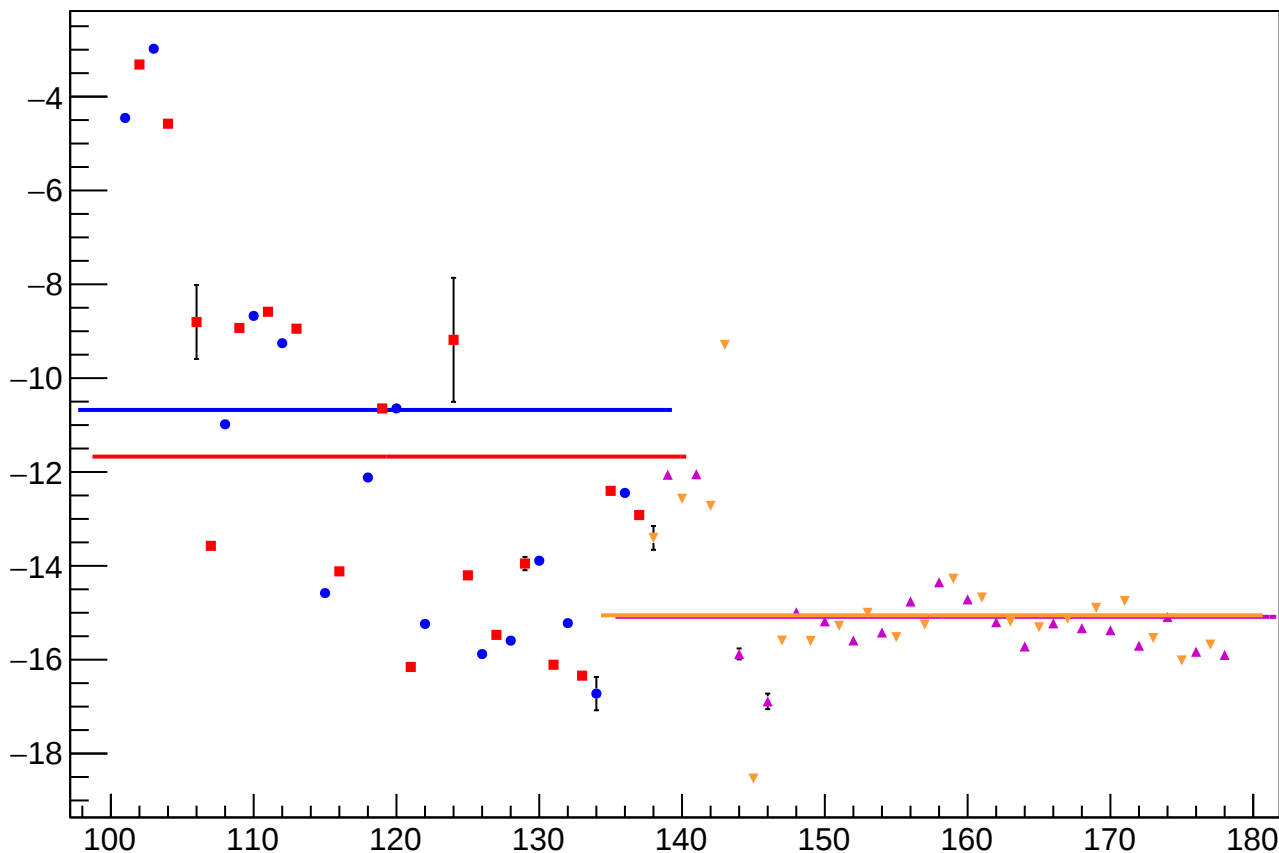
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.906 ± 0.006 χ^2/NDF : 13963.6/34

Out: 0.598 ± 0.005 χ^2/NDF : 17029.2/38

All: 0.739 ± 0.004 χ^2/NDF : 32468.2/73

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -15.054 ± 0.006 $\chi^2/\text{NDF}: 35431.7/20$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.087 ± 0.006 $\chi^2/\text{NDF}: 14126.2/19$

Left: -15.071 ± 0.004 $\chi^2/\text{NDF}: 49571.8/40$

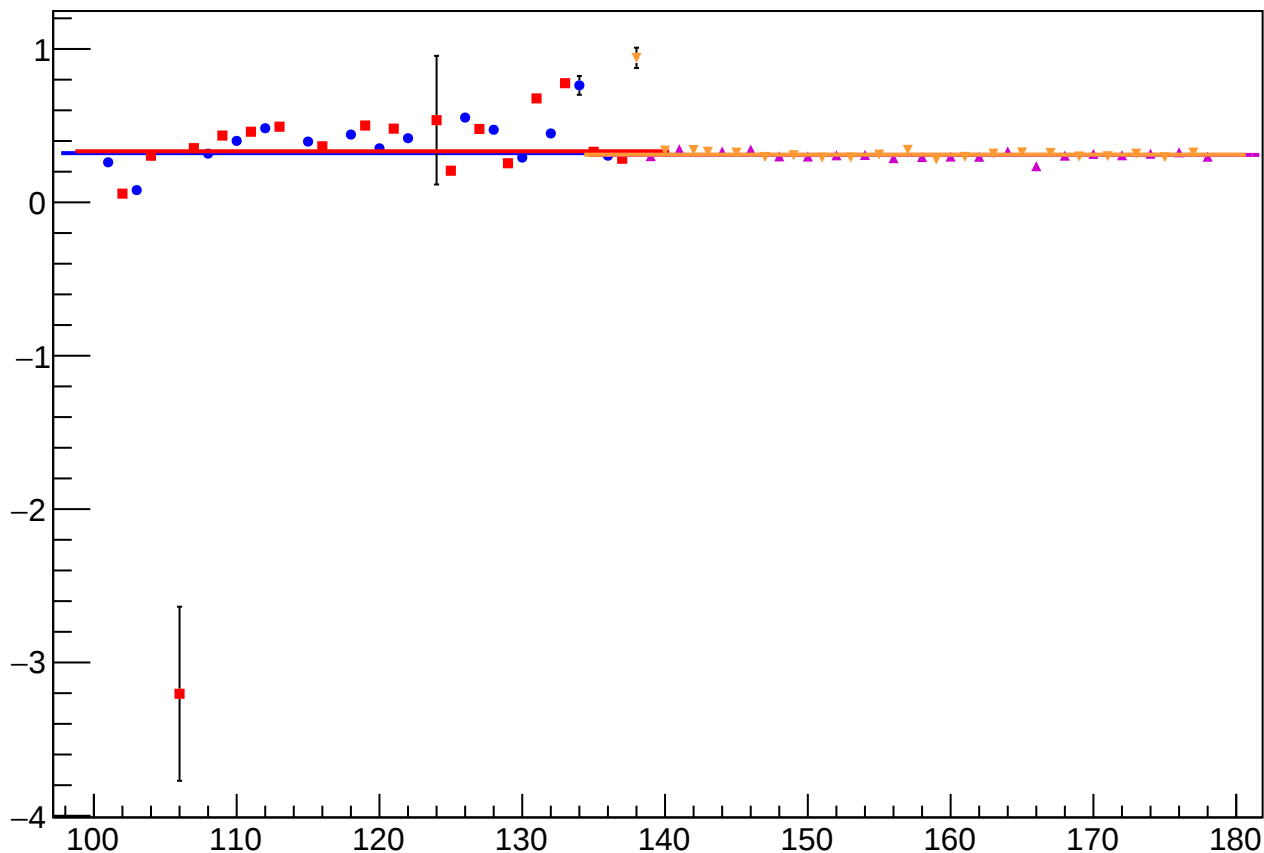
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.946 ± 0.005 $\chi^2/\text{NDF}: 377313.3/34$

Out: -14.294 ± 0.006 $\chi^2/\text{NDF}: 208708.7/38$

All: -14.111 ± 0.004 $\chi^2/\text{NDF}: 588114.3/73$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.311+/-0.000 χ^2/NDF :5107.0/20

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF :2989.9/19

Left: 0.310+/-0.000 χ^2/NDF : 8123.2/40

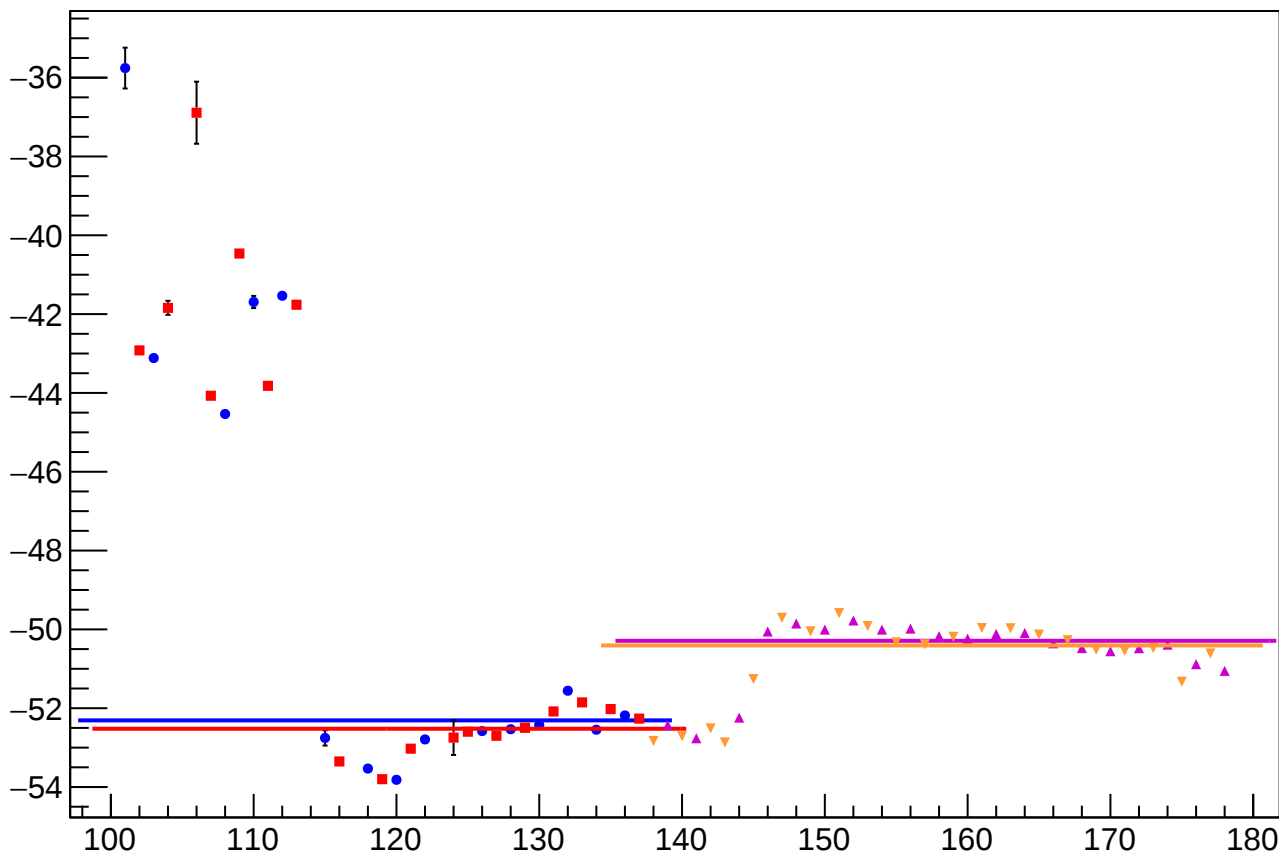
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF :7148.4/34

Out: 0.312+/-0.000 χ^2/NDF :9572.3/38

All: 0.311+/-0.000 χ^2/NDF : 16749.1/73

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.408 ± 0.002 χ^2/NDF : 231476.0/20

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.289 ± 0.001 χ^2/NDF : 167509.5/19

Left: -50.339 ± 0.001 χ^2/NDF : 402484.3/40

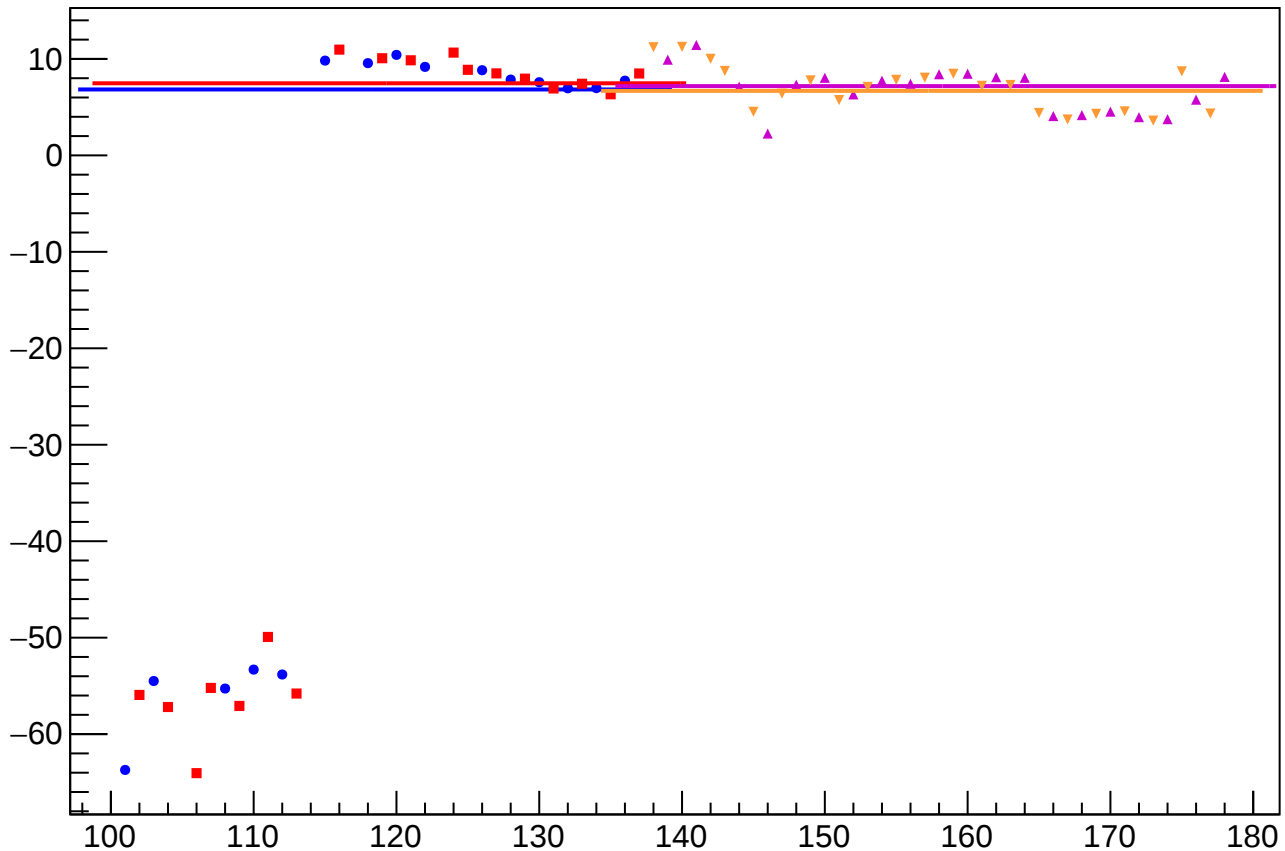
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.451 ± 0.001 χ^2/NDF : 413571.0/34

Out: -50.616 ± 0.001 χ^2/NDF : 497860.8/38

All: -50.522 ± 0.001 χ^2/NDF : 918880.9/73

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.688 ± 0.004 $\chi^2/\text{NDF}: 319099.1/20$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.181 ± 0.003 $\chi^2/\text{NDF}: 197463.0/19$

Left: 6.952 ± 0.003 $\chi^2/\text{NDF}: 525844.8/40$

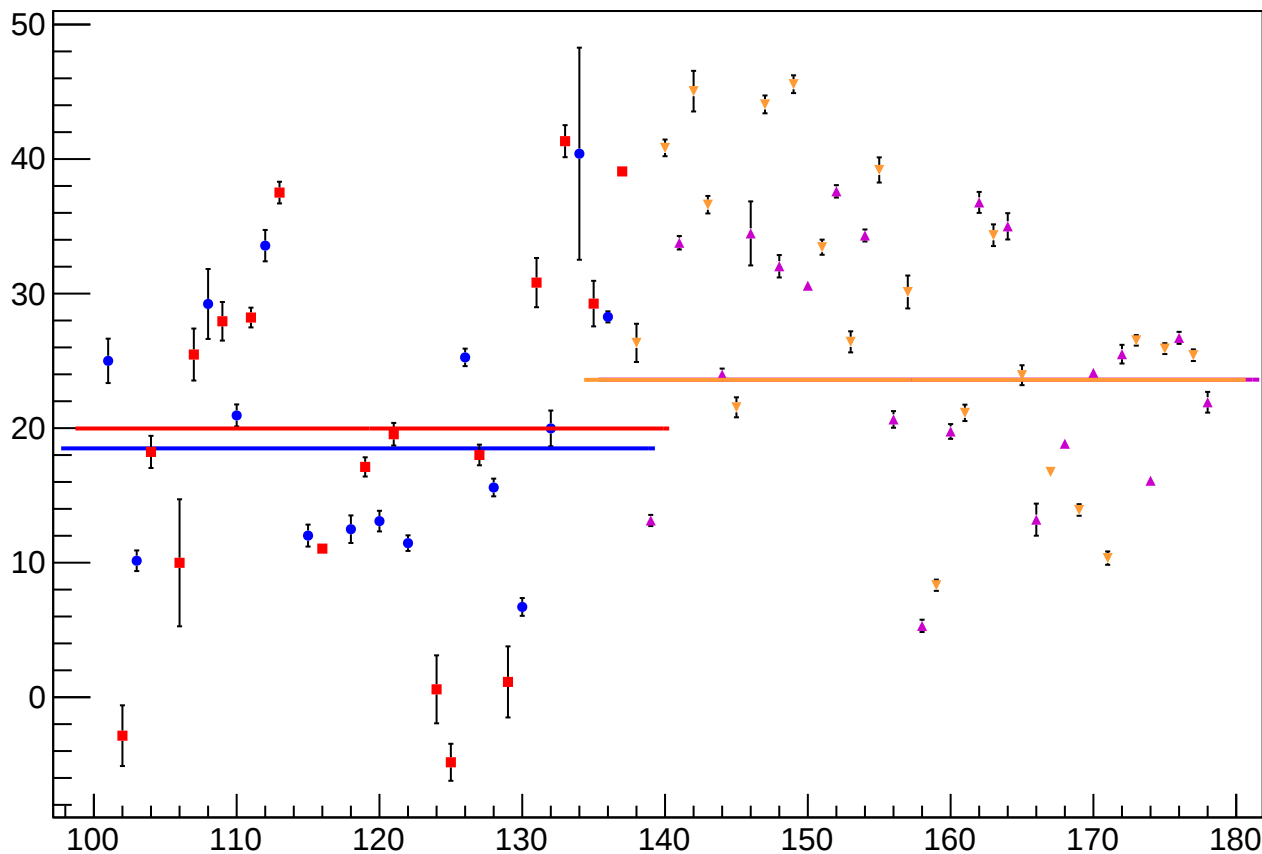
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.069 ± 0.003 $\chi^2/\text{NDF}: 1191226.2/34$

Out: 6.798 ± 0.003 $\chi^2/\text{NDF}: 1520752.8/38$

All: 6.959 ± 0.002 $\chi^2/\text{NDF}: 2715608.3/73$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 23.591 ± 0.118 $\chi^2/\text{NDF}: 7592.3/20$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 23.603 ± 0.105 $\chi^2/\text{NDF}: 6167.6/19$

Left: 23.598 ± 0.078 $\chi^2/\text{NDF}: 13760.0/40$

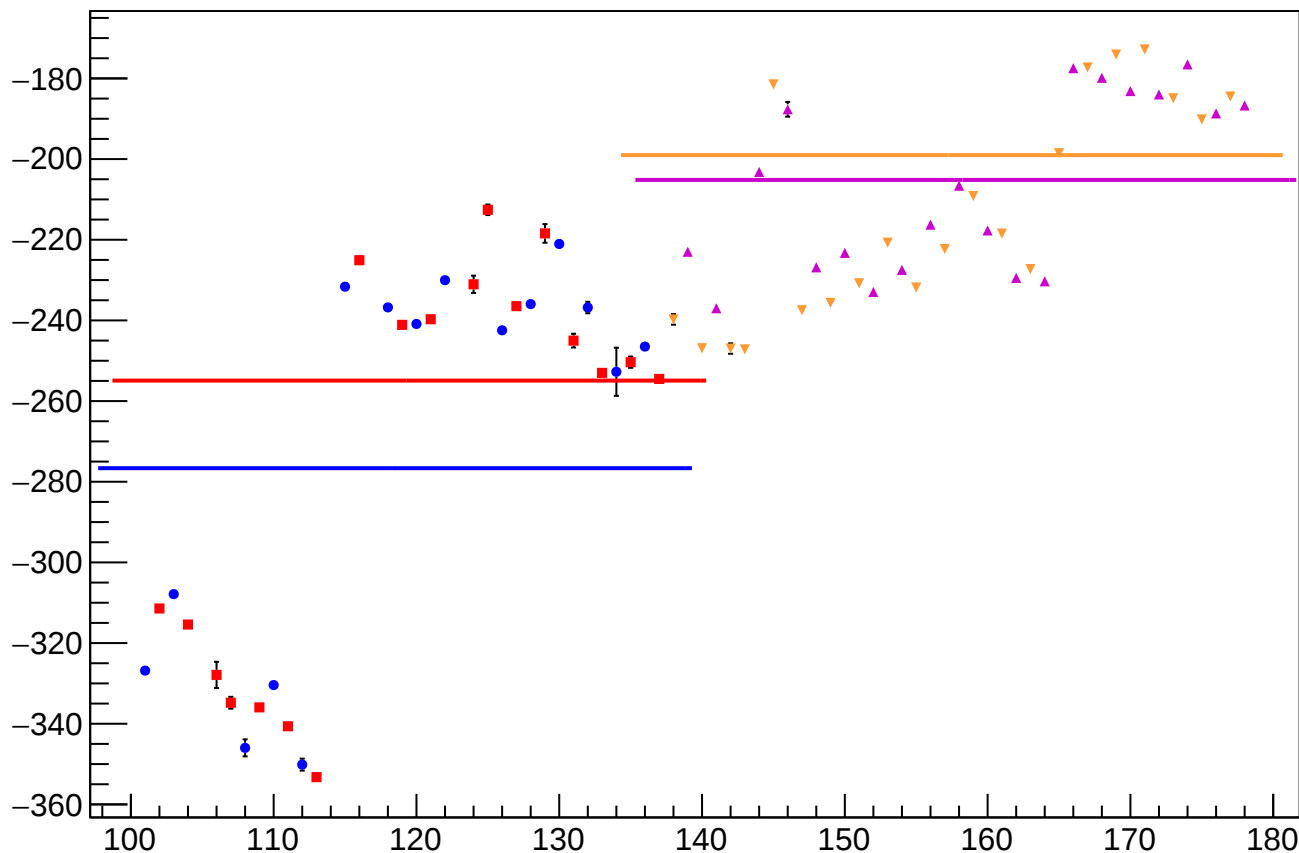
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 22.503 ± 0.093 $\chi^2/\text{NDF}: 8315.6/34$

Out: 21.965 ± 0.087 $\chi^2/\text{NDF}: 17218.7/38$

All: 22.217 ± 0.064 $\chi^2/\text{NDF}: 25552.1/73$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -199.015 ± 0.098 $\chi^2/\text{NDF}: 64498.1/20$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -205.167 ± 0.092 $\chi^2/\text{NDF}: 56181.8/19$

Left: -202.271 ± 0.067 $\chi^2/\text{NDF}: 122779.0/40$

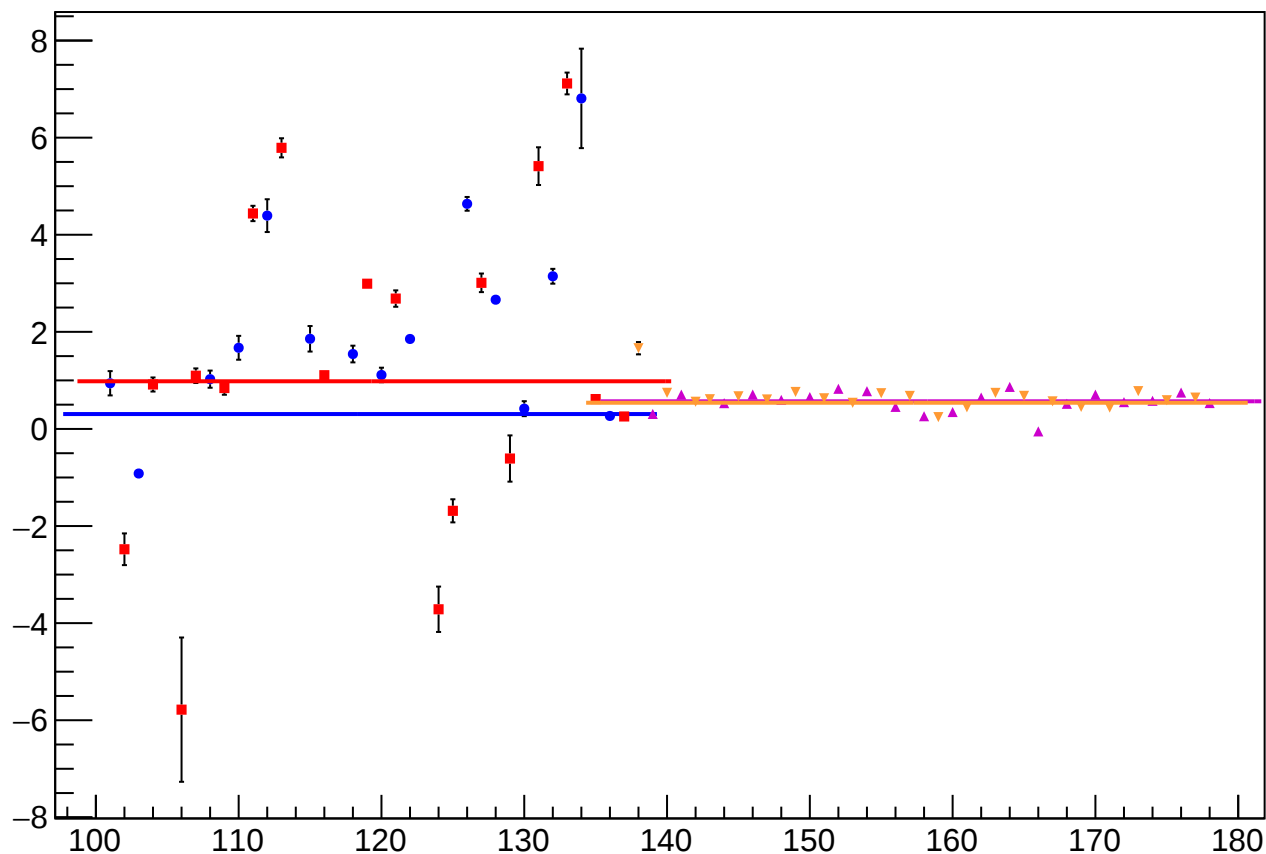
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -225.213 ± 0.078 $\chi^2/\text{NDF}: 302125.8/34$

Out: -235.515 ± 0.058 $\chi^2/\text{NDF}: 350286.1/38$

All: -231.892 ± 0.046 $\chi^2/\text{NDF}: 663680.8/73$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.540 $\pm$ 0.002 χ^2 /NDF:9846.4/20

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.569 $\pm$ 0.002 χ^2 /NDF:15650.9/19

Left: 0.557 $\pm$ 0.001 χ^2 /NDF: 25643.0/40

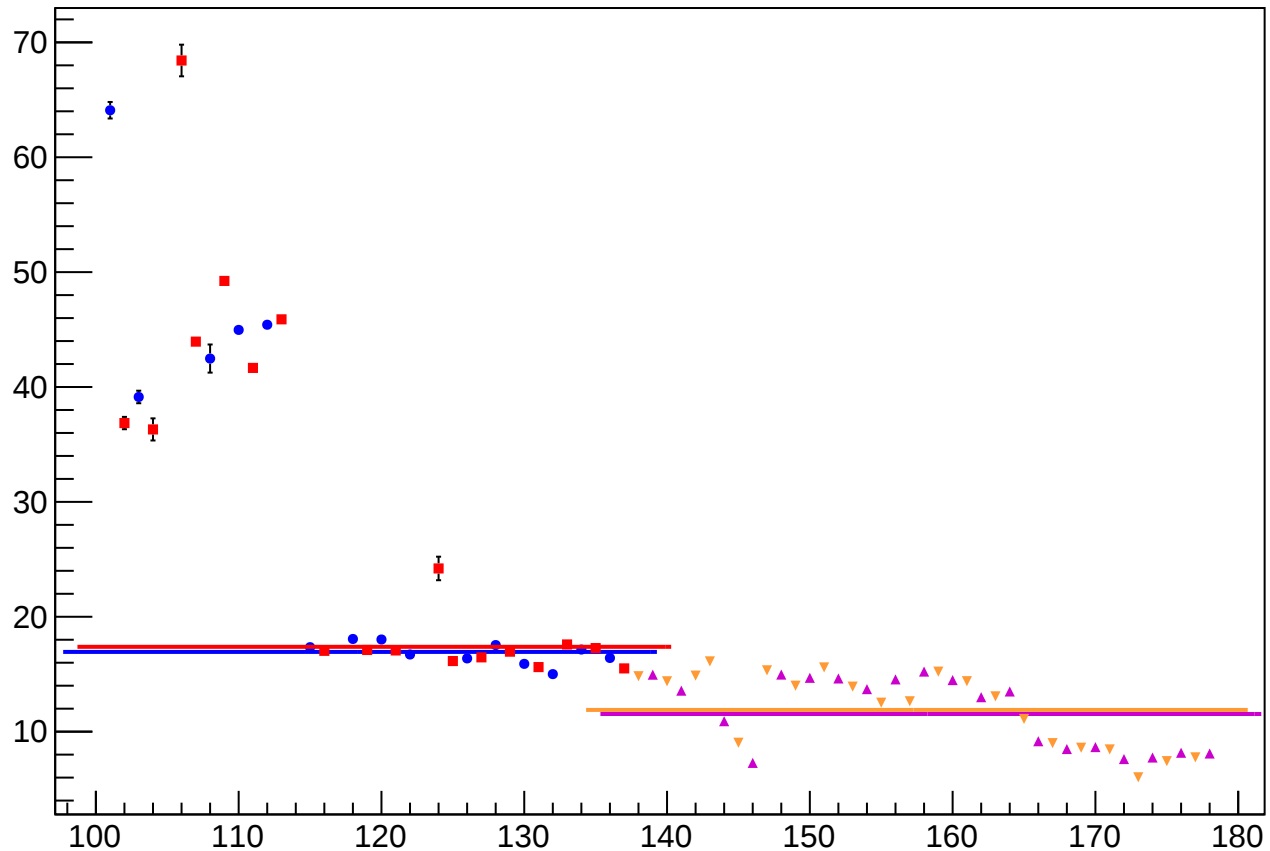
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.555 $\pm$ 0.002 χ^2 /NDF:19918.6/34

Out: 0.547 $\pm$ 0.002 χ^2 /NDF:14114.4/38

All: 0.552 $\pm$ 0.001 χ^2 /NDF: 34045.1/73

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 χ^2/NDF : 29019.8/14

Left Out: 11.891 ± 0.008 χ^2/NDF : 202596.2/20

Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17

Left In: 11.536 ± 0.007 χ^2/NDF : 195114.6/19

Left: 11.703 ± 0.005 χ^2/NDF : 398898.9/40

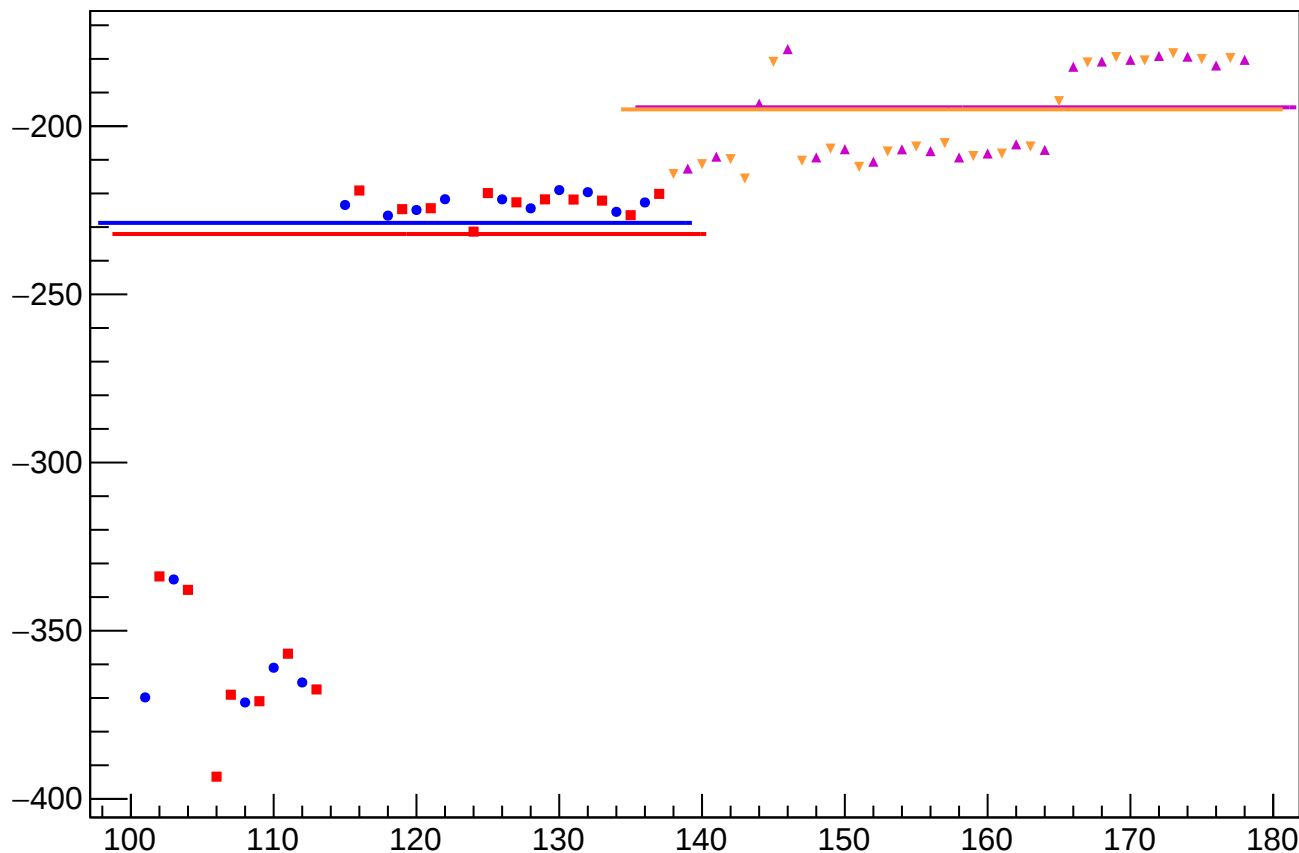
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 12.788 ± 0.006 χ^2/NDF : 359658.0/34

Out: 12.737 ± 0.007 χ^2/NDF : 346263.0/38

All: 12.765 ± 0.005 χ^2/NDF : 705951.4/73

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -195.004 ± 0.014 $\chi^2/\text{NDF}: 1134289.4/20$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -194.397 ± 0.013 $\chi^2/\text{NDF}: 1217581.6/19$

Left: -194.673 ± 0.009 $\chi^2/\text{NDF}: 2352919.3/40$

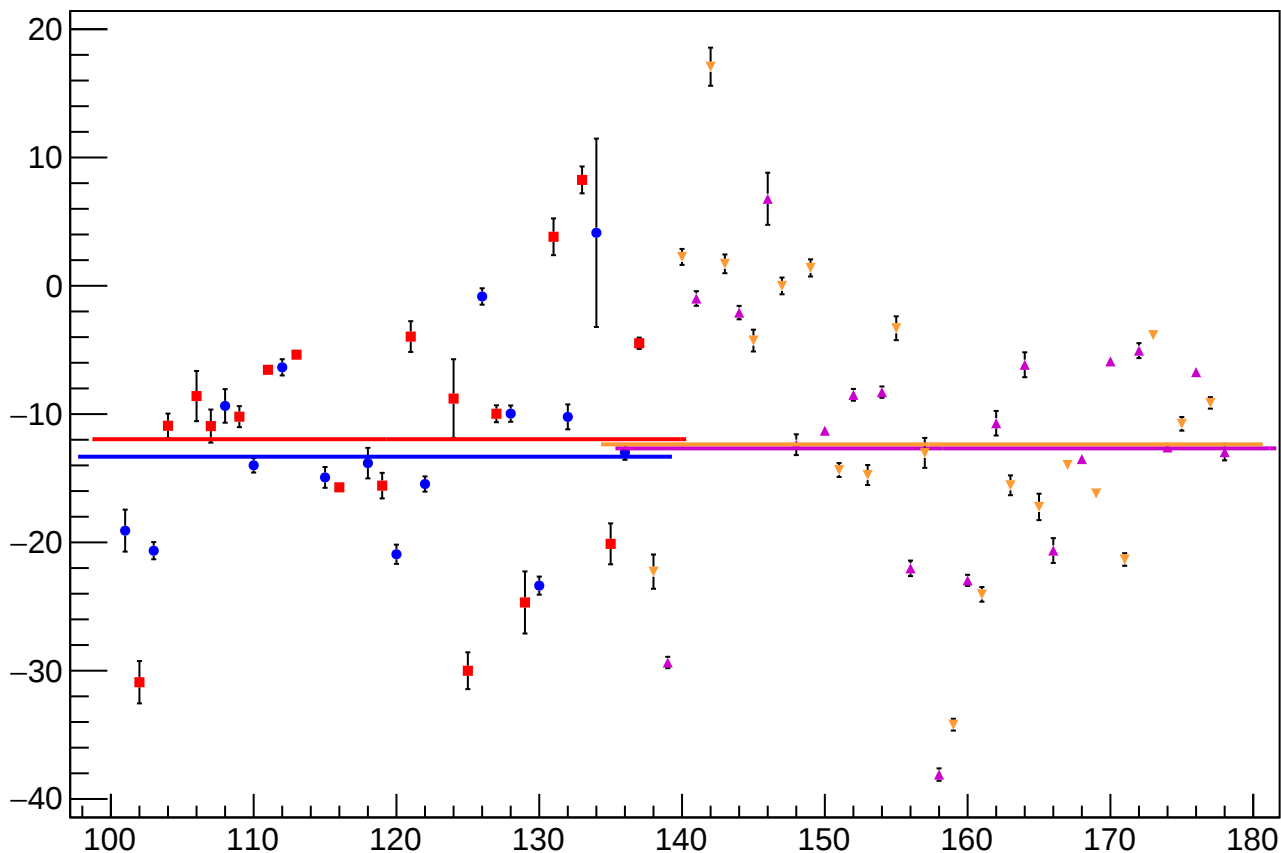
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -198.426 ± 0.012 $\chi^2/\text{NDF}: 2741037.6/34$

Out: -198.738 ± 0.013 $\chi^2/\text{NDF}: 2649608.5/38$

All: -198.566 ± 0.009 $\chi^2/\text{NDF}: 5390957.1/73$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321+/-0.194 χ^2/NDF : 1013.0/14

Left Out: -12.357+/-0.121 χ^2/NDF : 6185.2/20

Right Out: -11.956+/-0.113 χ^2/NDF : 2487.2/17

Left In: -12.670+/-0.105 χ^2/NDF : 7184.7/19

Left: -12.535+/-0.079 χ^2/NDF : 13373.7/40

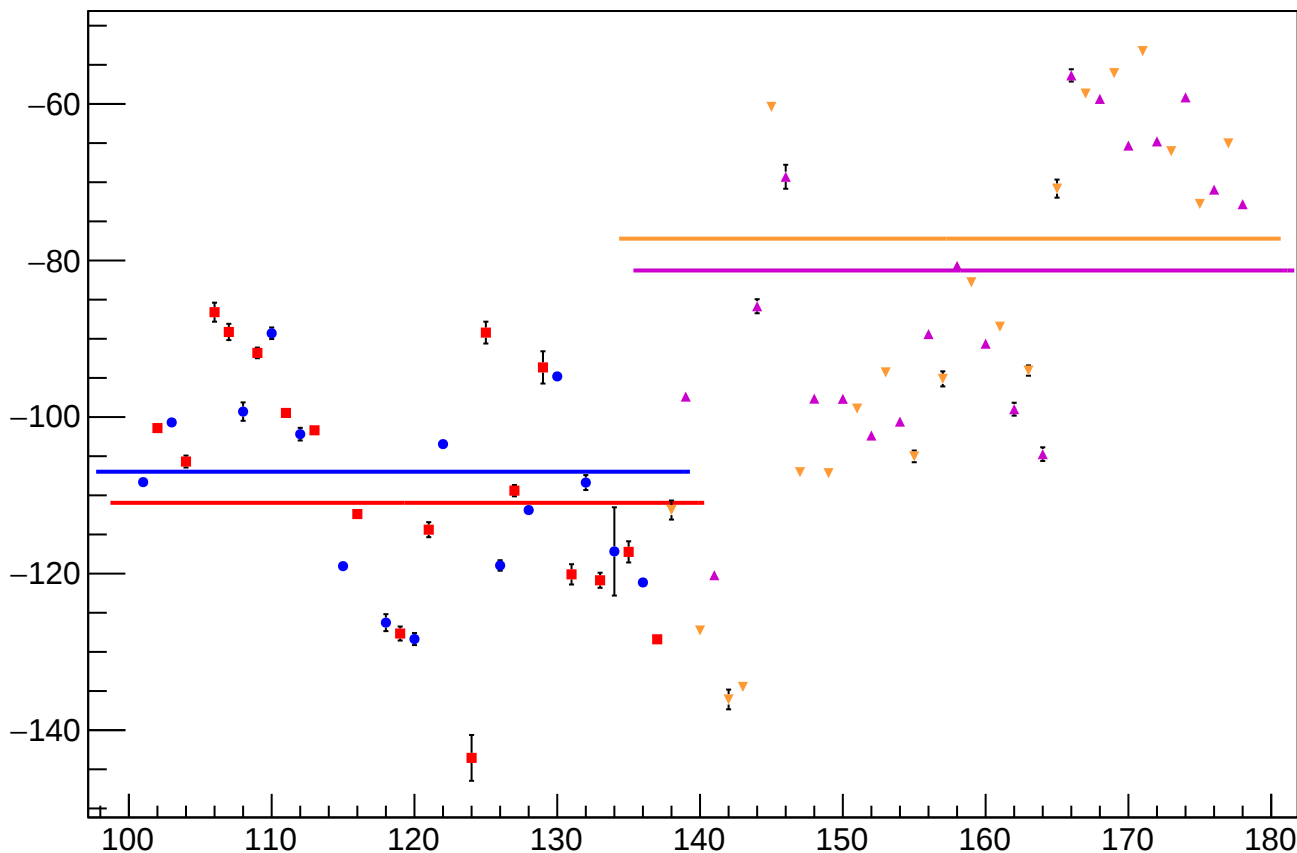
Right: -12.301+/-0.097 χ^2/NDF : 3537.3/32

In: -12.818+/-0.092 χ^2/NDF : 8206.4/34

Out: -12.143+/-0.082 χ^2/NDF : 8678.2/38

All: -12.442+/-0.061 χ^2/NDF : 16914.5/73

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -77.207 ± 0.098 $\chi^2/\text{NDF}: 53016.2/20$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -81.274 ± 0.090 $\chi^2/\text{NDF}: 41834.7/19$

Left: -79.407 ± 0.066 $\chi^2/\text{NDF}: 95780.6/40$

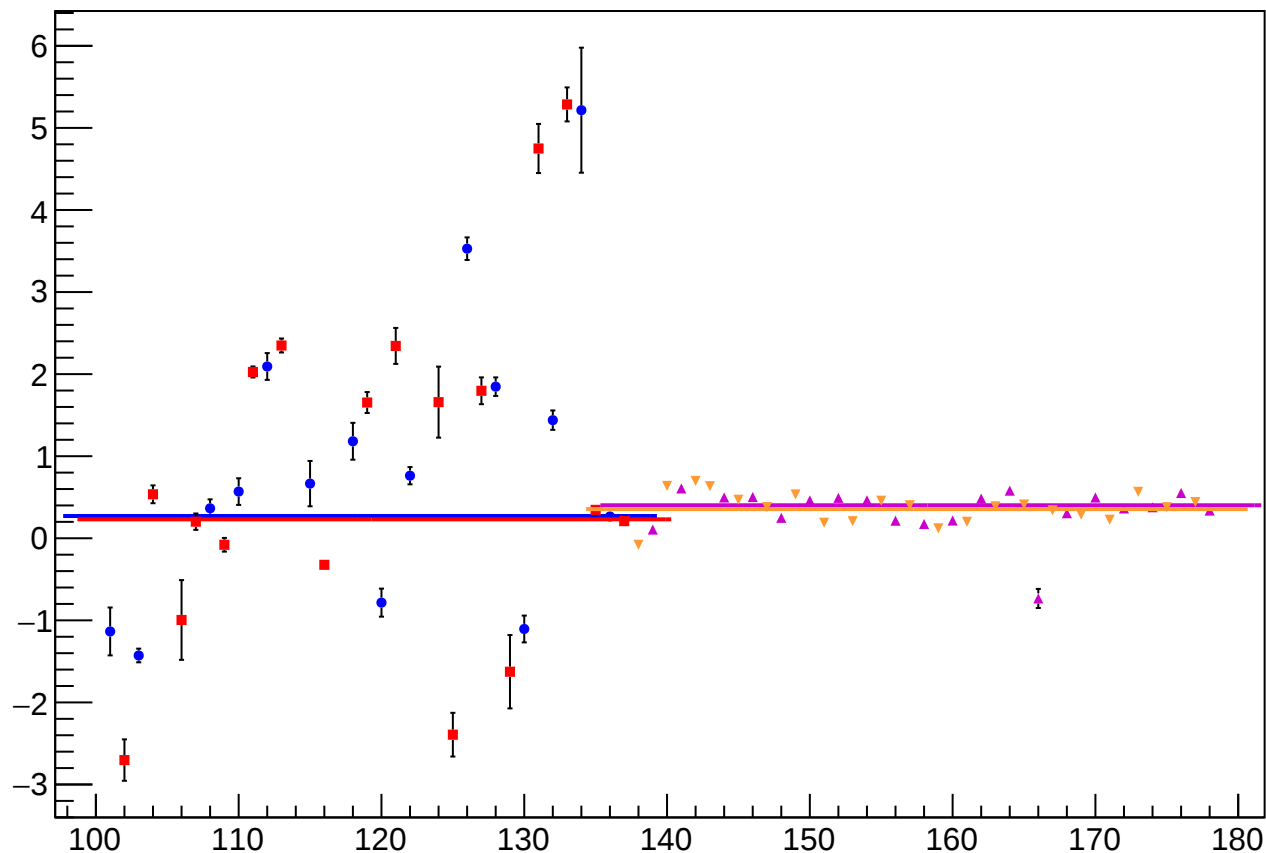
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -91.629 ± 0.070 $\chi^2/\text{NDF}: 79101.4/34$

Out: -103.956 ± 0.045 $\chi^2/\text{NDF}: 157481.0/38$

All: -100.375 ± 0.038 $\chi^2/\text{NDF}: 258693.0/73$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.355 ± 0.002 $\chi^2/\text{NDF}: 9081.9/20$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.402 ± 0.002 $\chi^2/\text{NDF}: 9508.9/19$

Left: 0.382 ± 0.001 $\chi^2/\text{NDF}: 18983.5/40$

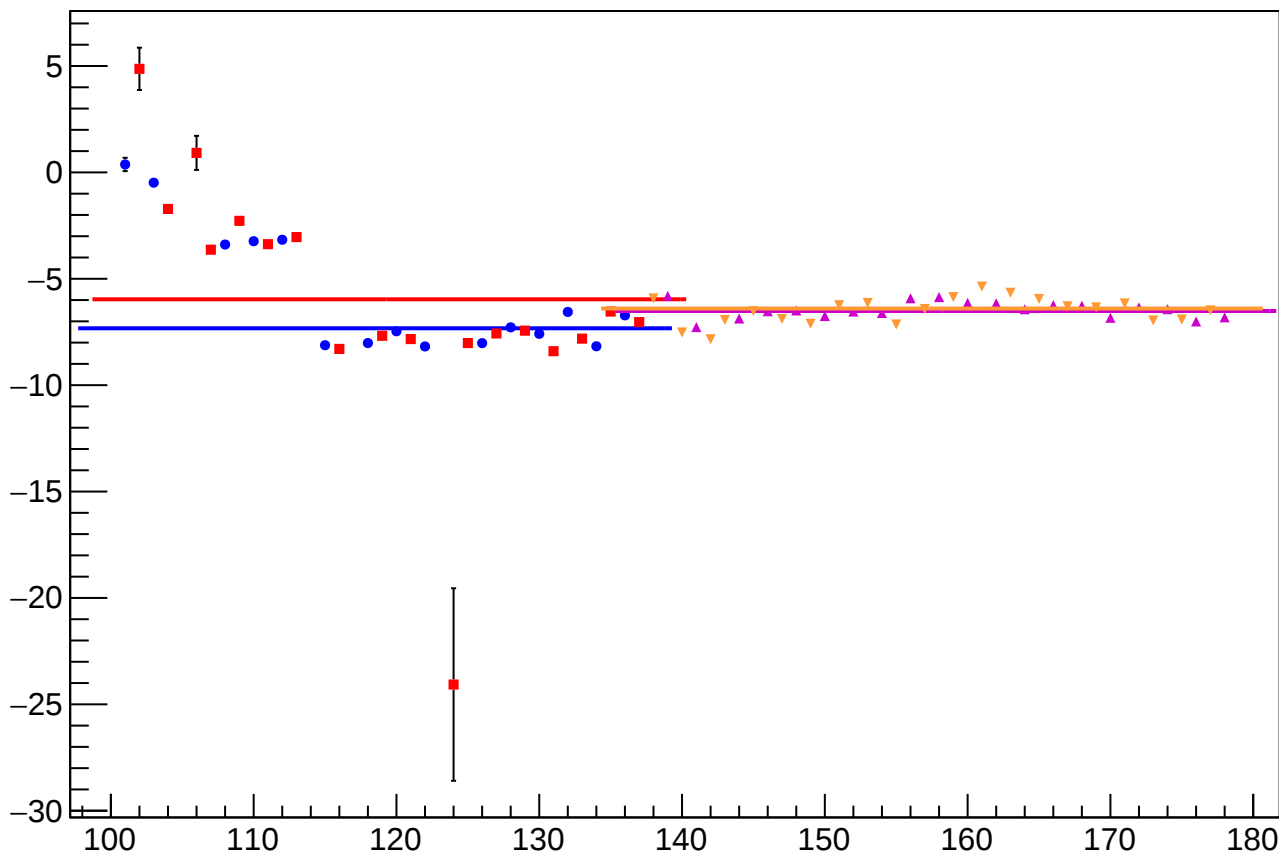
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.392 ± 0.001 $\chi^2/\text{NDF}: 11680.2/34$

Out: 0.338 ± 0.002 $\chi^2/\text{NDF}: 12674.0/38$

All: 0.368 ± 0.001 $\chi^2/\text{NDF}: 24950.7/73$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$

Left Out: -6.398 ± 0.005 $\chi^2/\text{NDF}: 6526.0/20$

Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$

Left In: -6.514 ± 0.005 $\chi^2/\text{NDF}: 6737.6/19$

Left: -6.460 ± 0.003 $\chi^2/\text{NDF}: 13554.4/40$

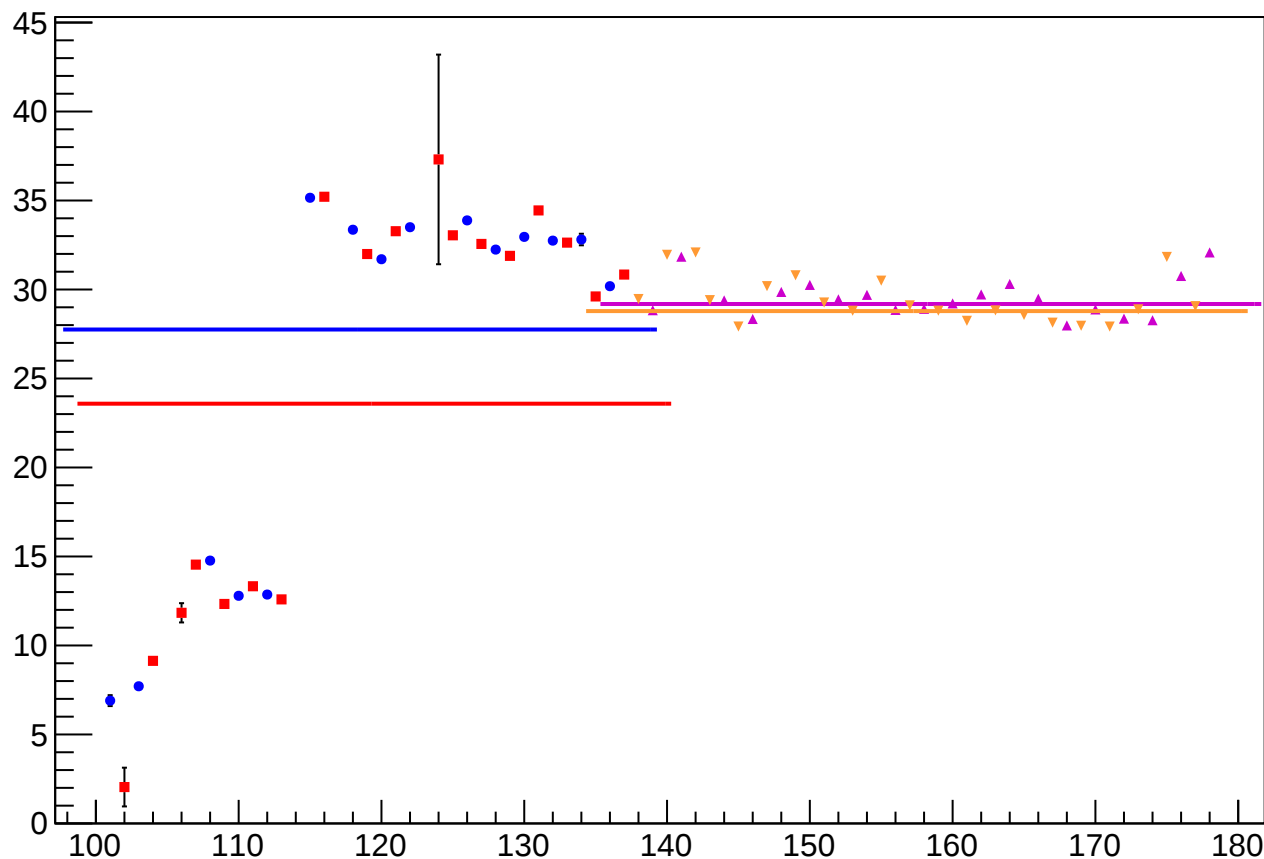
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -6.708 ± 0.004 $\chi^2/\text{NDF}: 44389.3/34$

Out: -6.291 ± 0.004 $\chi^2/\text{NDF}: 80177.3/38$

All: -6.512 ± 0.003 $\chi^2/\text{NDF}: 129444.2/73$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 28.787 $\pm$ 0.009 χ^2/NDF : 14290.1/20

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.185 $\pm$ 0.009 χ^2/NDF : 8438.2/19

Left: 28.992 $\pm$ 0.006 χ^2/NDF : 23776.4/40

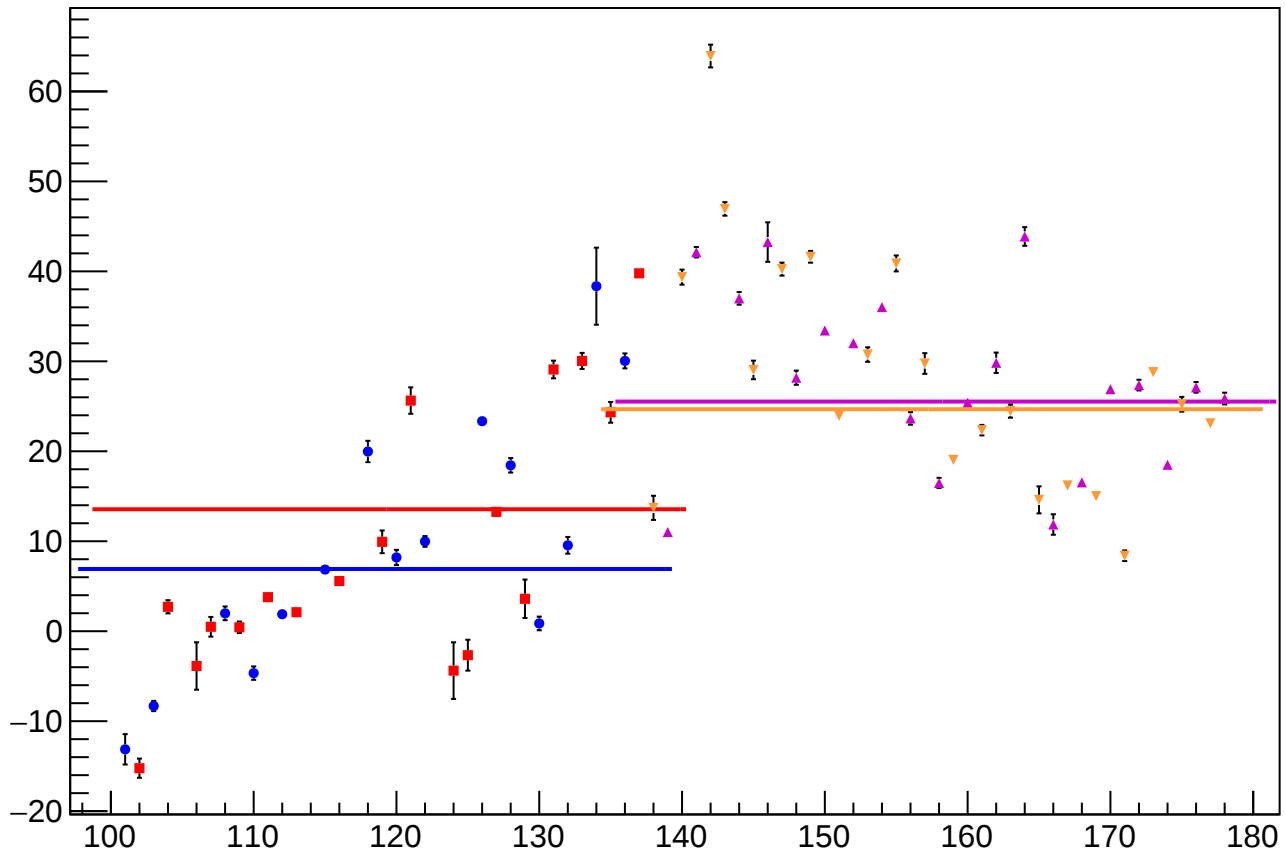
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.834 $\pm$ 0.007 χ^2/NDF : 348221.4/34

Out: 27.265 $\pm$ 0.007 χ^2/NDF : 655711.9/38

All: 28.046 $\pm$ 0.005 χ^2/NDF : 1026199.9/73

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 24.673 ± 0.135 $\chi^2/\text{NDF}: 5977.3/20$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 25.525 ± 0.116 $\chi^2/\text{NDF}: 5820.1/19$

Left: 25.162 ± 0.088 $\chi^2/\text{NDF}: 11820.1/40$

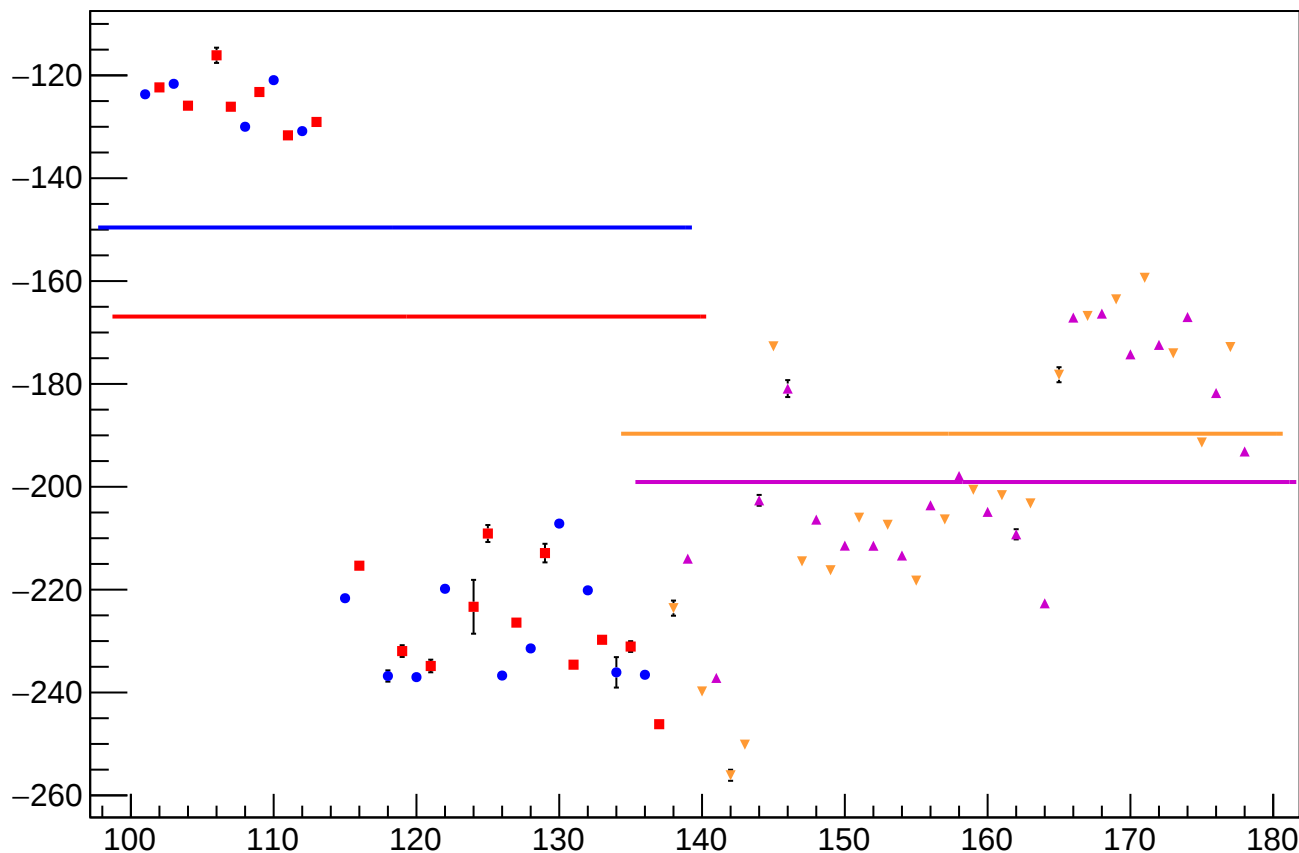
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.885 ± 0.097 $\chi^2/\text{NDF}: 17065.6/34$

Out: 19.514 ± 0.099 $\chi^2/\text{NDF}: 20781.2/38$

All: 19.702 ± 0.069 $\chi^2/\text{NDF}: 37853.9/73$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -189.679 ± 0.111 χ^2/NDF : 49264.5/20

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -199.072 ± 0.101 χ^2/NDF : 39924.6/19

Left: -194.795 ± 0.075 χ^2/NDF : 93112.9/40

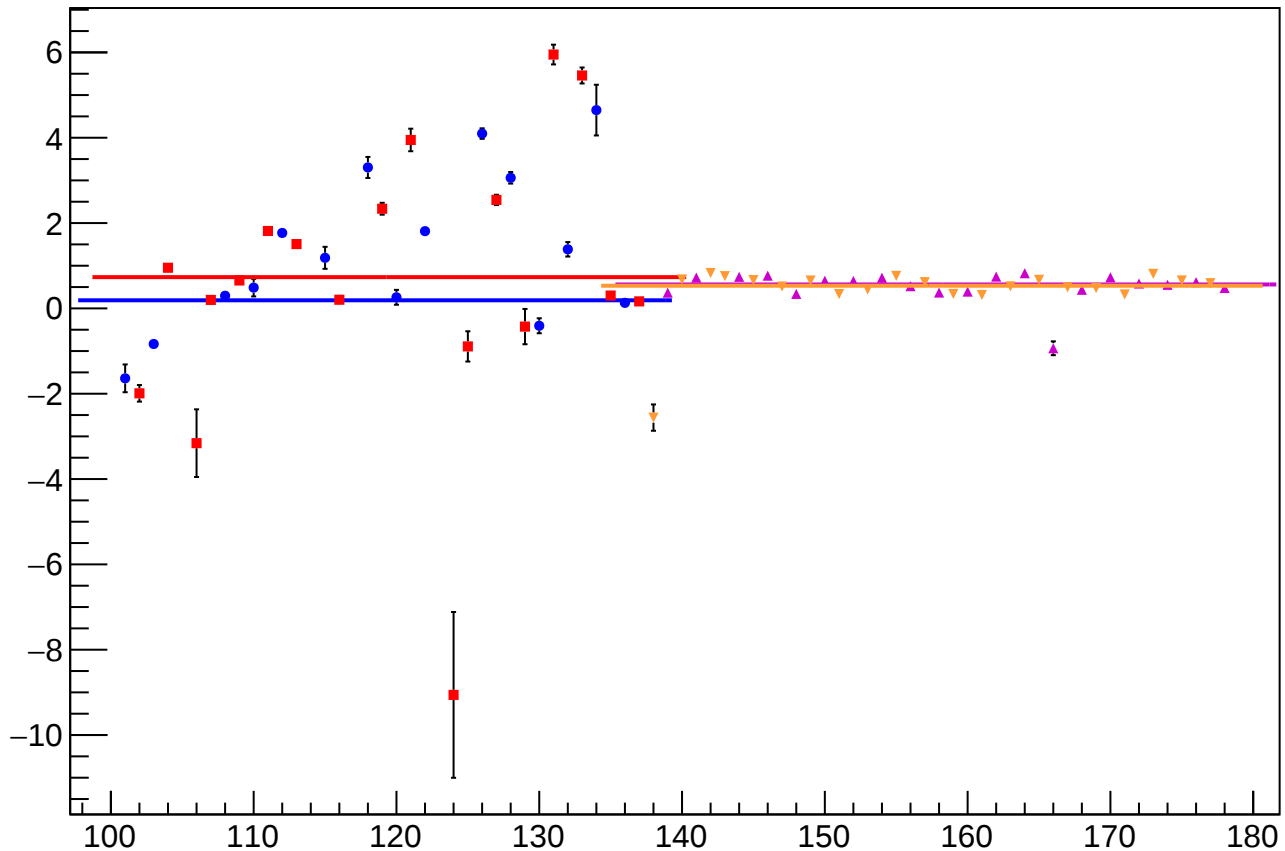
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -174.247 ± 0.071 χ^2/NDF : 354997.6/34

Out: -177.205 ± 0.074 χ^2/NDF : 367958.0/38

All: -175.666 ± 0.052 χ^2/NDF : 723777.6/73

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.531 $\pm$ 0.002 χ^2/NDF :8093.9/20

Right Out: 0.733 $\pm$ 0.020 χ^2/NDF : 2666.9/17

Left In: 0.561 $\pm$ 0.002 χ^2/NDF :5373.2/19

Left: 0.547 $\pm$ 0.001 χ^2/NDF : 13573.2/40

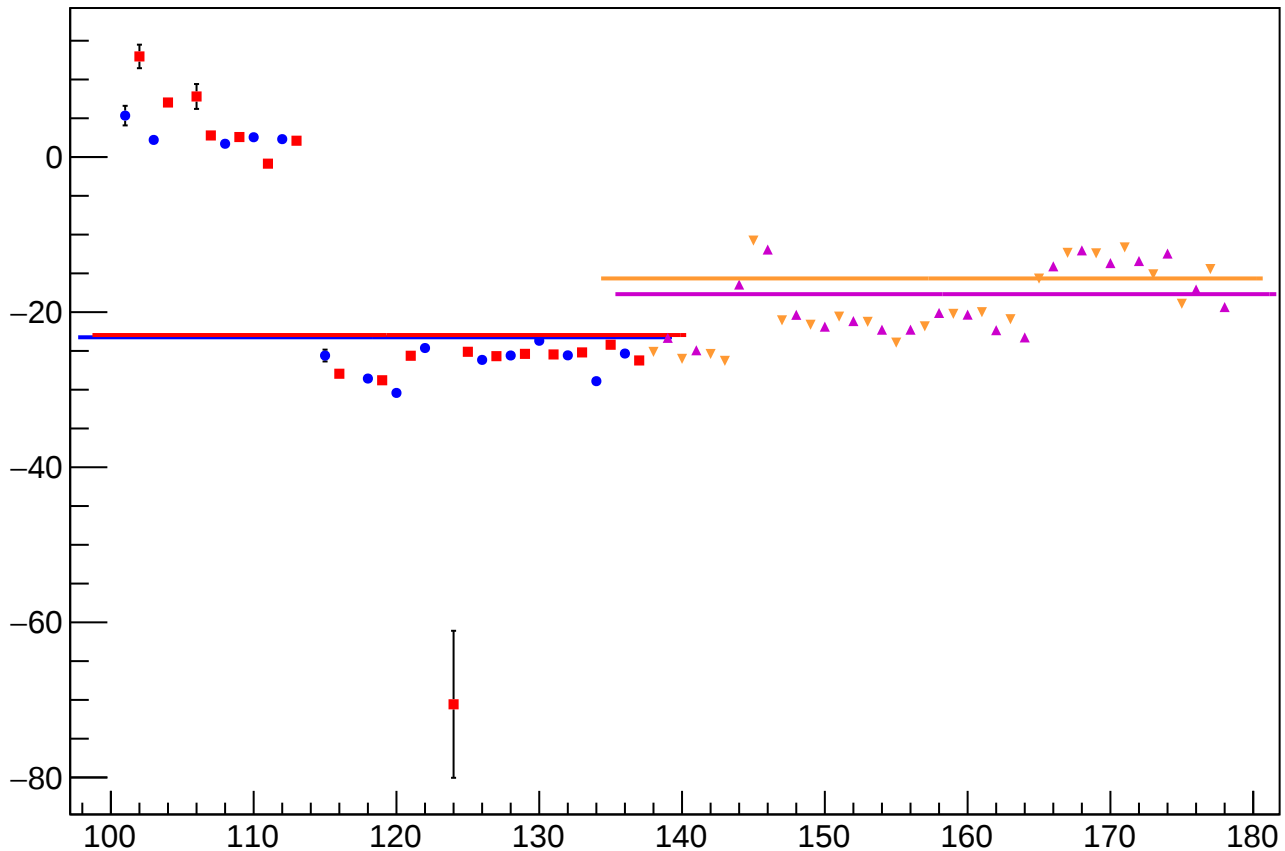
Right: 0.276 $\pm$ 0.008 χ^2/NDF : 6029.4/32

In: 0.542 $\pm$ 0.002 χ^2/NDF :9864.3/34

Out: 0.533 $\pm$ 0.002 χ^2/NDF :10863.9/38

All: 0.538 $\pm$ 0.001 χ^2/NDF : 20738.3/73

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 $\pm$ 0.025 χ^2/NDF : 103102.8/14

Left Out: -15.654 $\pm$ 0.012 χ^2/NDF : 176680.7/20

Right Out: -22.951 $\pm$ 0.025 χ^2/NDF : 108039.1/17

Left In: -17.681 $\pm$ 0.012 χ^2/NDF : 120236.2/19

Left: -16.639 $\pm$ 0.008 χ^2/NDF : 312009.8/40

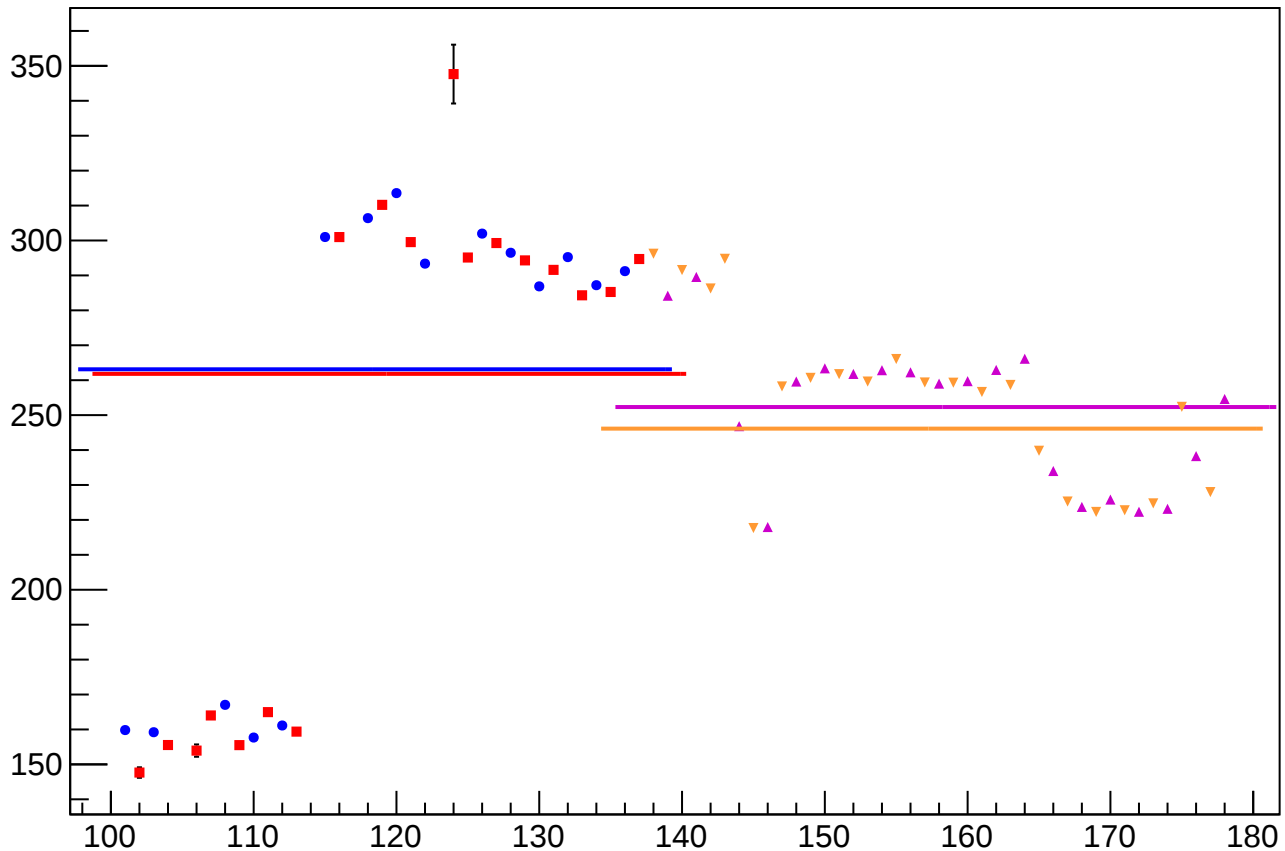
Right: -23.095 $\pm$ 0.017 χ^2/NDF : 211210.7/32

In: -18.713 $\pm$ 0.011 χ^2/NDF : 264390.6/34

Out: -16.955 $\pm$ 0.010 χ^2/NDF : 356488.3/38

All: -17.814 $\pm$ 0.007 χ^2/NDF : 634764.7/73

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 246.133 $\pm$ 0.029 χ^2 /NDF: 676928.7/20

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 252.315 $\pm$ 0.029 χ^2 /NDF: 356940.6/19

Left: 249.213 $\pm$ 0.020 χ^2 /NDF: 1057285.4/40

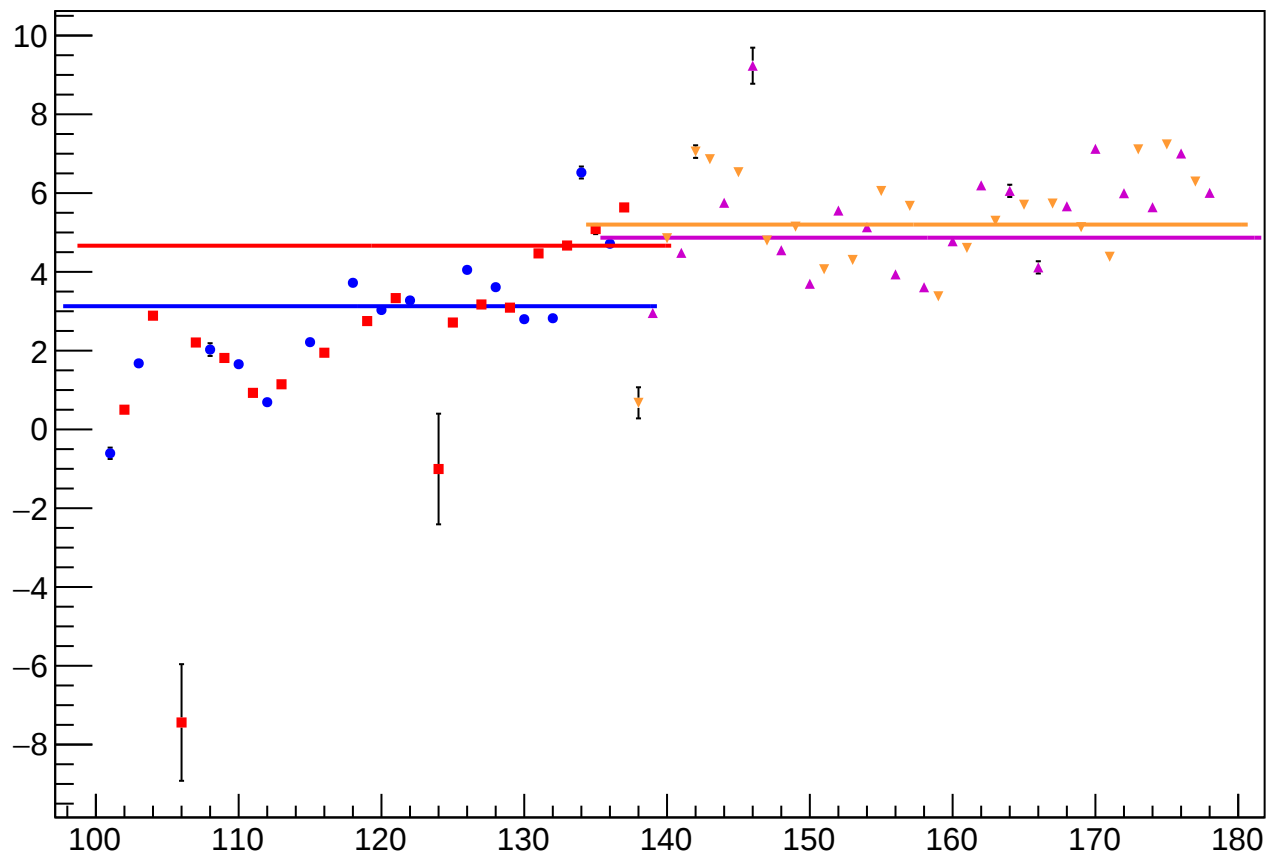
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 253.899 $\pm$ 0.026 χ^2 /NDF: 1070709.5/34

Out: 248.988 $\pm$ 0.026 χ^2 /NDF: 1738176.2/38

All: 251.382 $\pm$ 0.018 χ^2 /NDF: 2826562.0/73

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.201 ± 0.014 $\chi^2/\text{NDF}: 4415.7/20$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.867 ± 0.013 $\chi^2/\text{NDF}: 10022.7/19$

Left: 5.021 ± 0.010 $\chi^2/\text{NDF}: 14736.3/40$

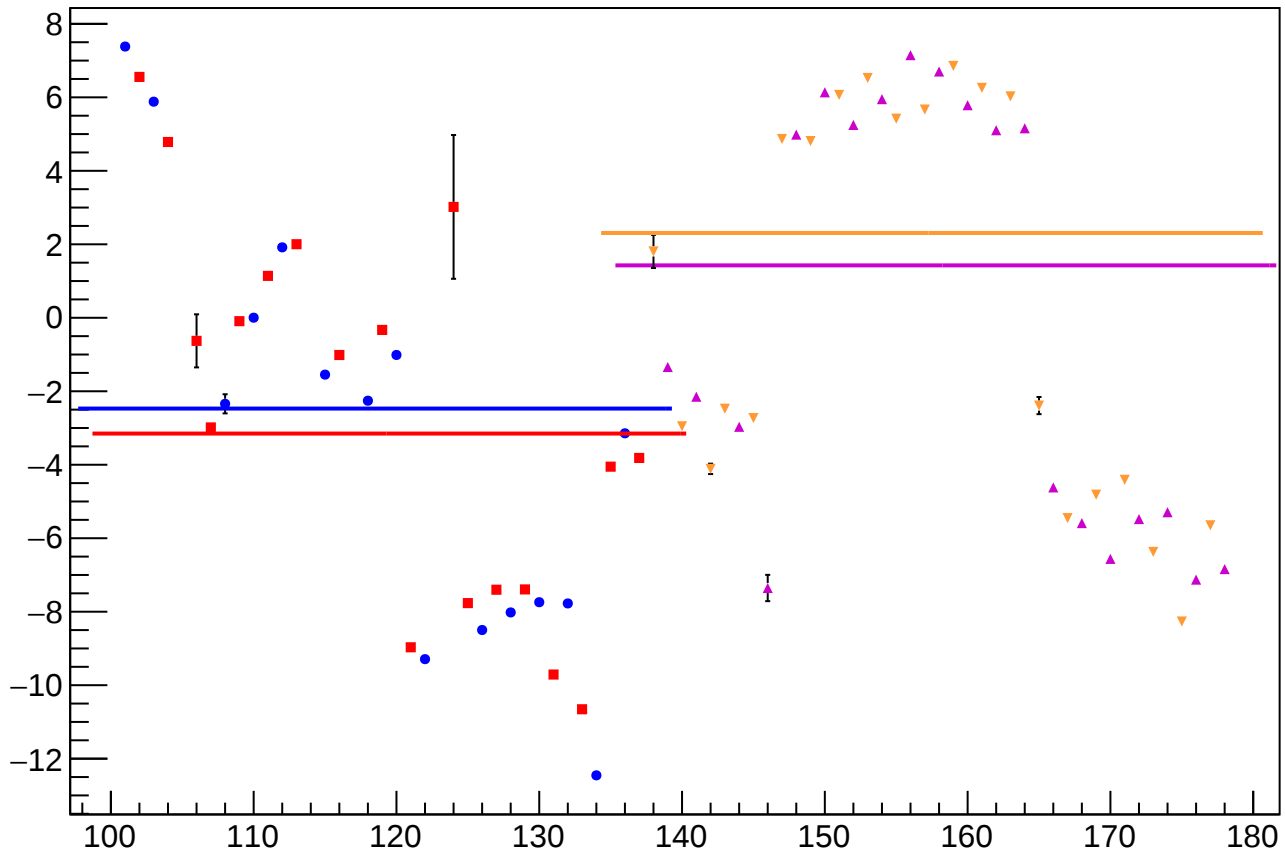
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.155 ± 0.010 $\chi^2/\text{NDF}: 22878.6/34$

Out: 4.754 ± 0.006 $\chi^2/\text{NDF}: 72471.1/38$

All: 4.605 ± 0.005 $\chi^2/\text{NDF}: 98003.5/73$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 2.308 ± 0.012 $\chi^2/\text{NDF}: 175522.1/20$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 1.426 ± 0.011 $\chi^2/\text{NDF}: 221784.7/19$

Left: 1.851 ± 0.008 $\chi^2/\text{NDF}: 400168.4/40$

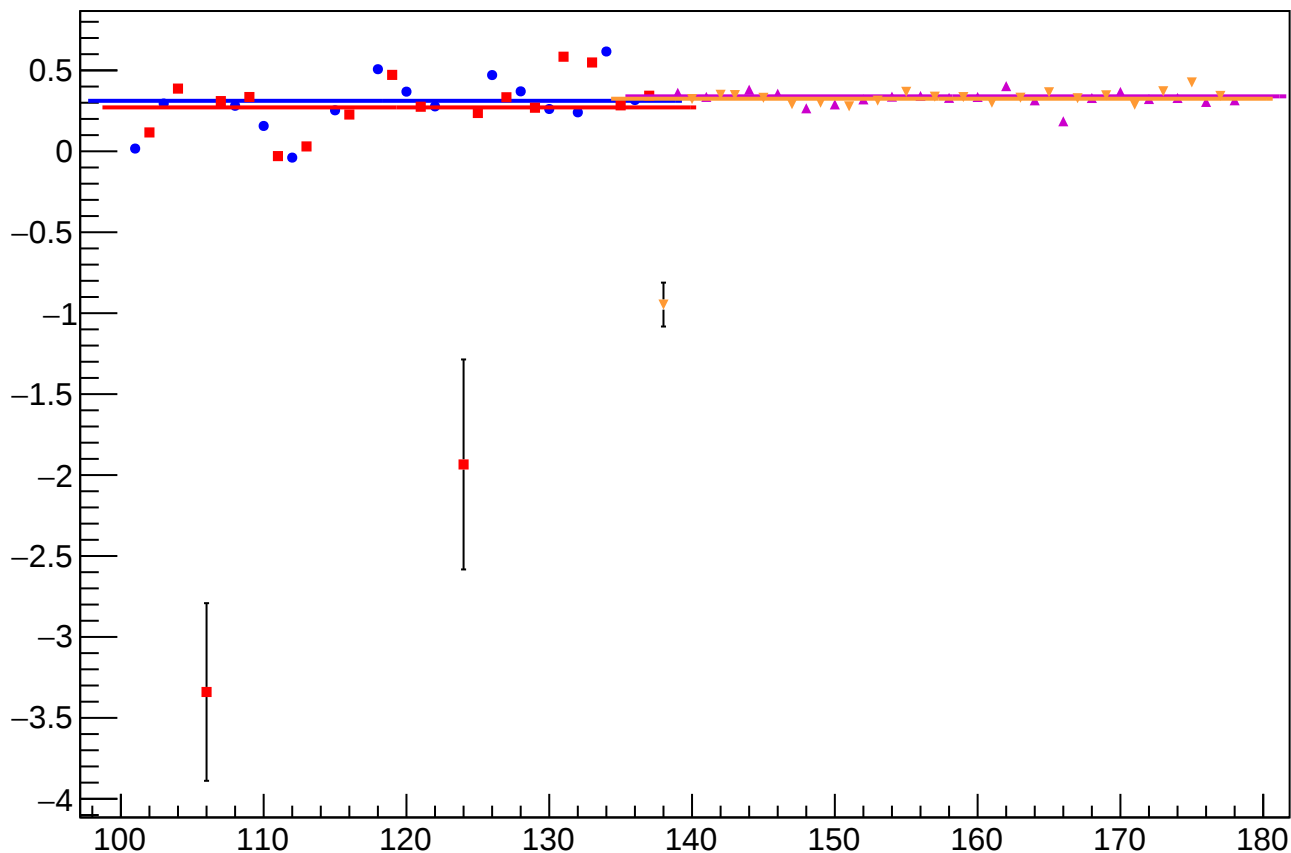
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.121 ± 0.009 $\chi^2/\text{NDF}: 510396.9/34$

Out: -1.613 ± 0.006 $\chi^2/\text{NDF}: 574936.1/38$

All: -1.114 ± 0.005 $\chi^2/\text{NDF}: 1104083.2/73$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.325 $\pm$ 0.001 χ^2 /NDF: 2558.8/20

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.340 $\pm$ 0.001 χ^2 /NDF: 3377.6/19

Left: 0.333 $\pm$ 0.000 χ^2 /NDF: 6270.7/40

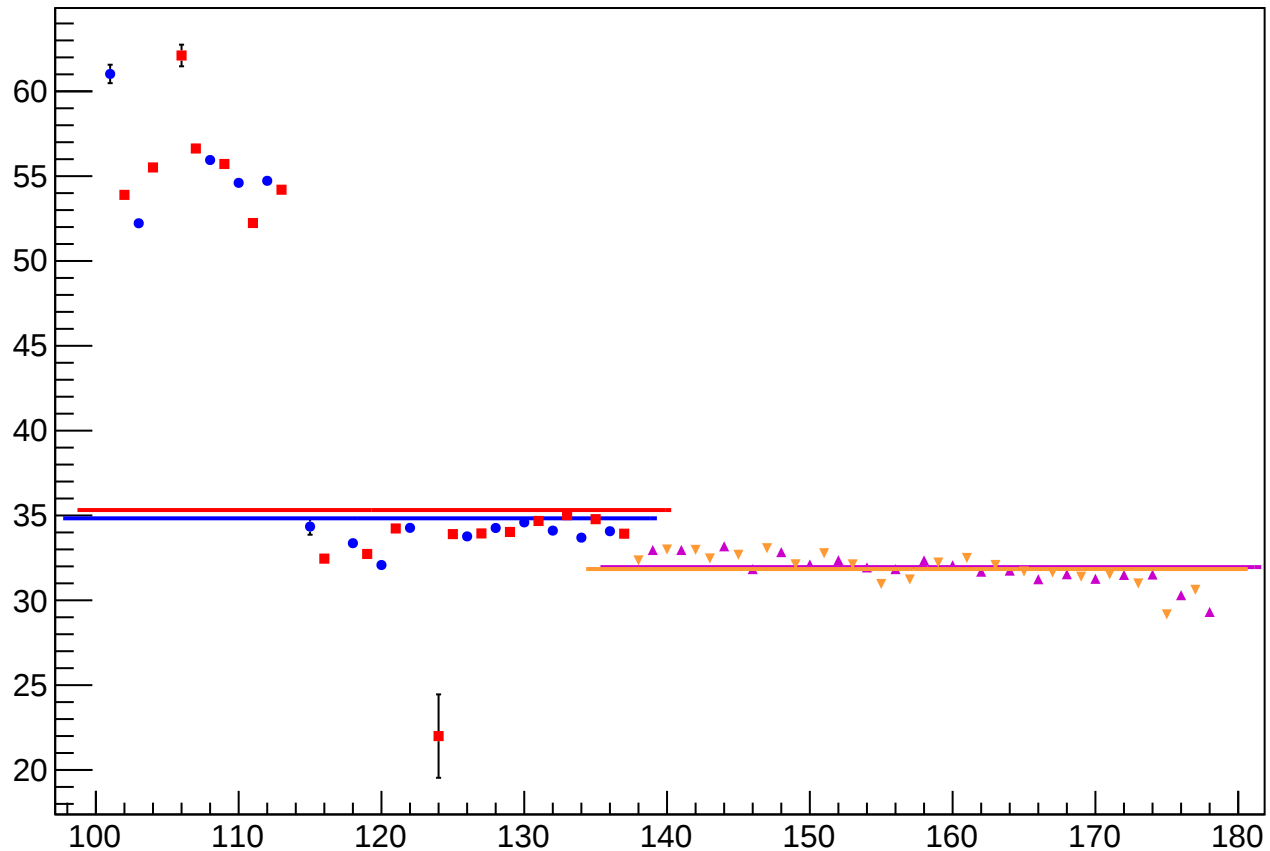
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.335 $\pm$ 0.001 χ^2 /NDF: 5089.1/34

Out: 0.321 $\pm$ 0.001 χ^2 /NDF: 9302.0/38

All: 0.329 $\pm$ 0.000 χ^2 /NDF: 14743.6/73

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.843 $\pm$ 0.003 χ^2 /NDF: 28201.8/20

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.957 $\pm$ 0.004 χ^2 /NDF: 16674.2/19

Left: 31.893 $\pm$ 0.002 χ^2 /NDF: 45416.1/40

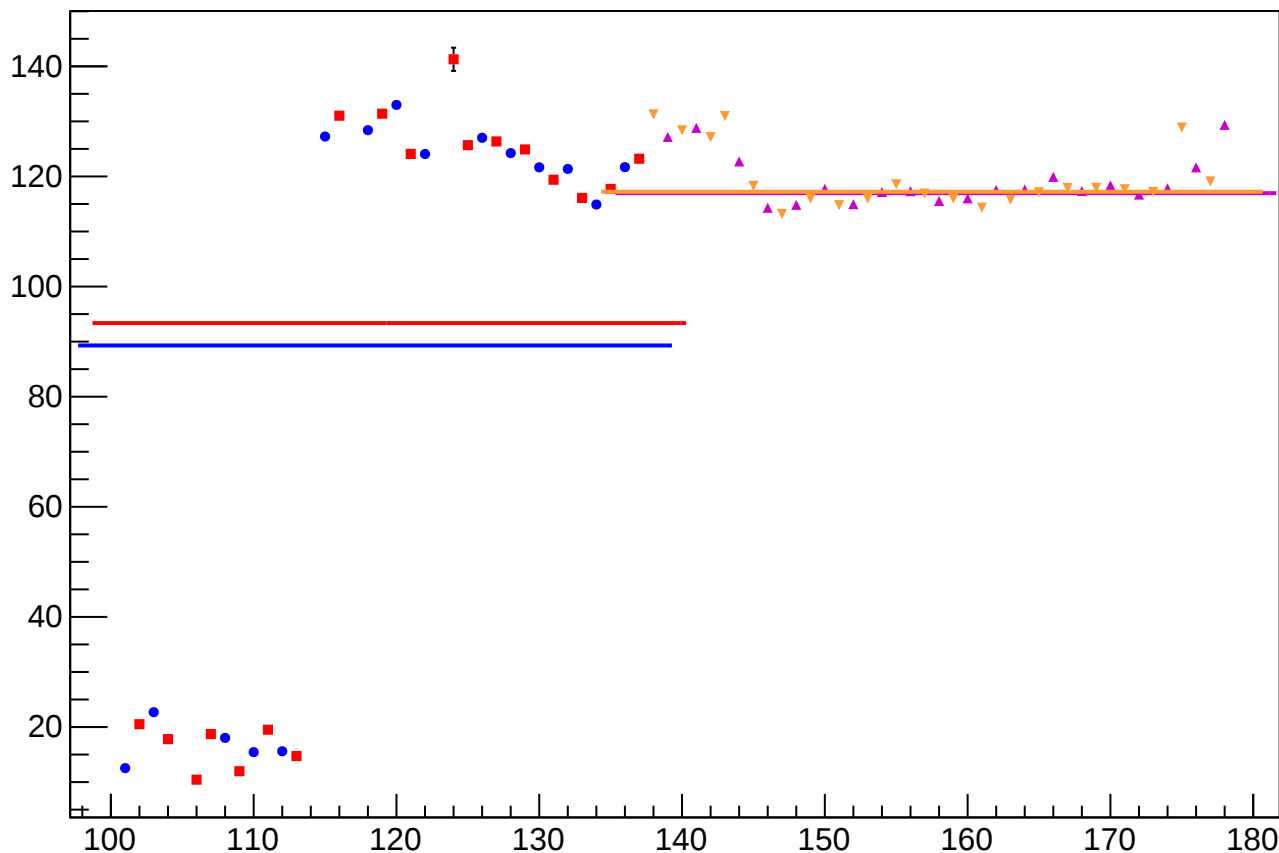
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.398 $\pm$ 0.003 χ^2 /NDF: 356358.5/34

Out: 32.180 $\pm$ 0.003 χ^2 /NDF: 399848.9/38

All: 32.280 $\pm$ 0.002 χ^2 /NDF: 758484.8/73

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 χ^2/NDF : 3034485.1/14

Left Out: 117.222 ± 0.008 χ^2/NDF : 125014.6/20

Right Out: 93.367 ± 0.030 χ^2/NDF : 2852493.6/17

Left In: 116.965 ± 0.009 χ^2/NDF : 45780.2/19

Left: 117.105 ± 0.006 χ^2/NDF : 171262.1/40

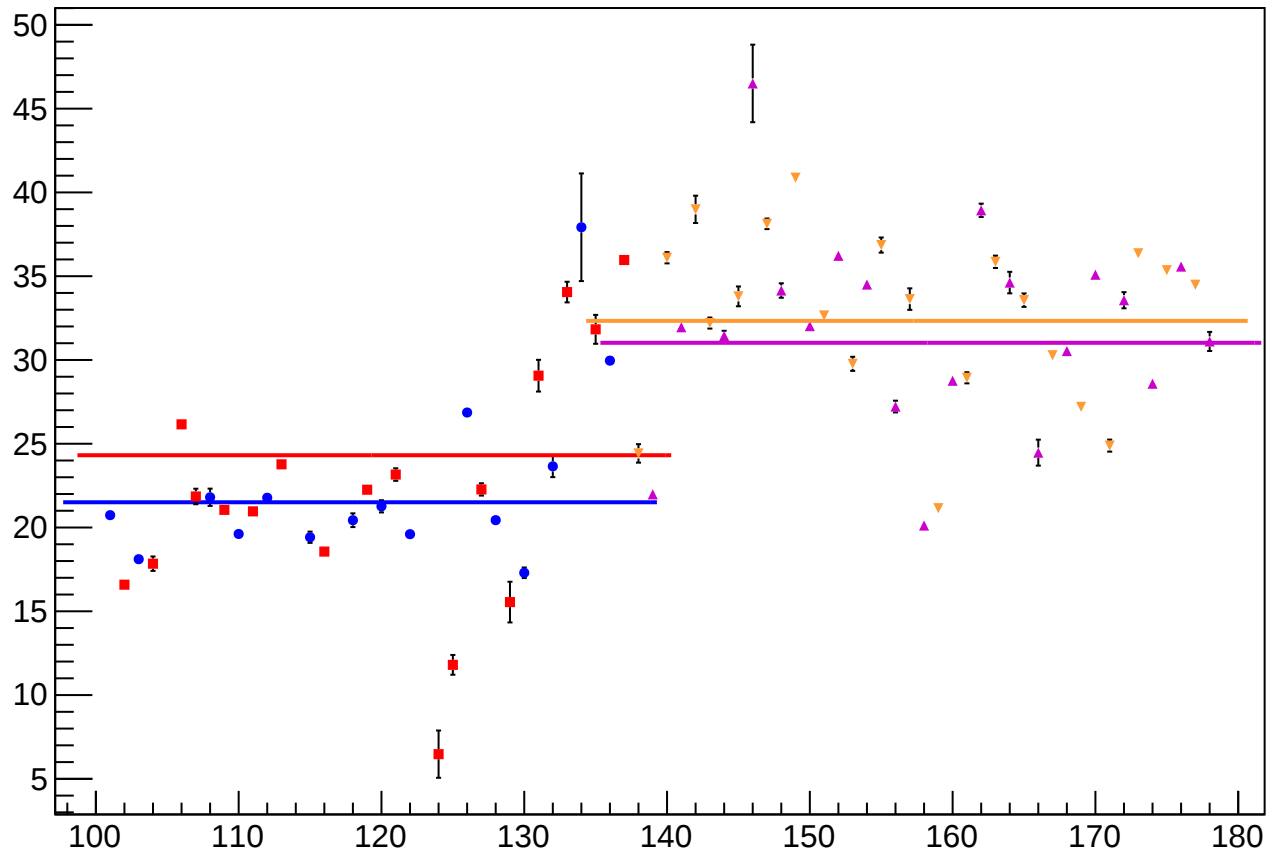
Right: 91.158 ± 0.020 χ^2/NDF : 5896996.6/32

In: 114.383 ± 0.008 χ^2/NDF : 4001867.7/34

Out: 115.629 ± 0.008 χ^2/NDF : 3569865.0/38

All: 115.056 ± 0.006 χ^2/NDF : 7583660.5/73

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 32.333 ± 0.071 $\chi^2/\text{NDF}: 5047.9/20$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 31.025 ± 0.063 $\chi^2/\text{NDF}: 5896.2/19$

Left: 31.600 ± 0.047 $\chi^2/\text{NDF}: 11136.3/40$

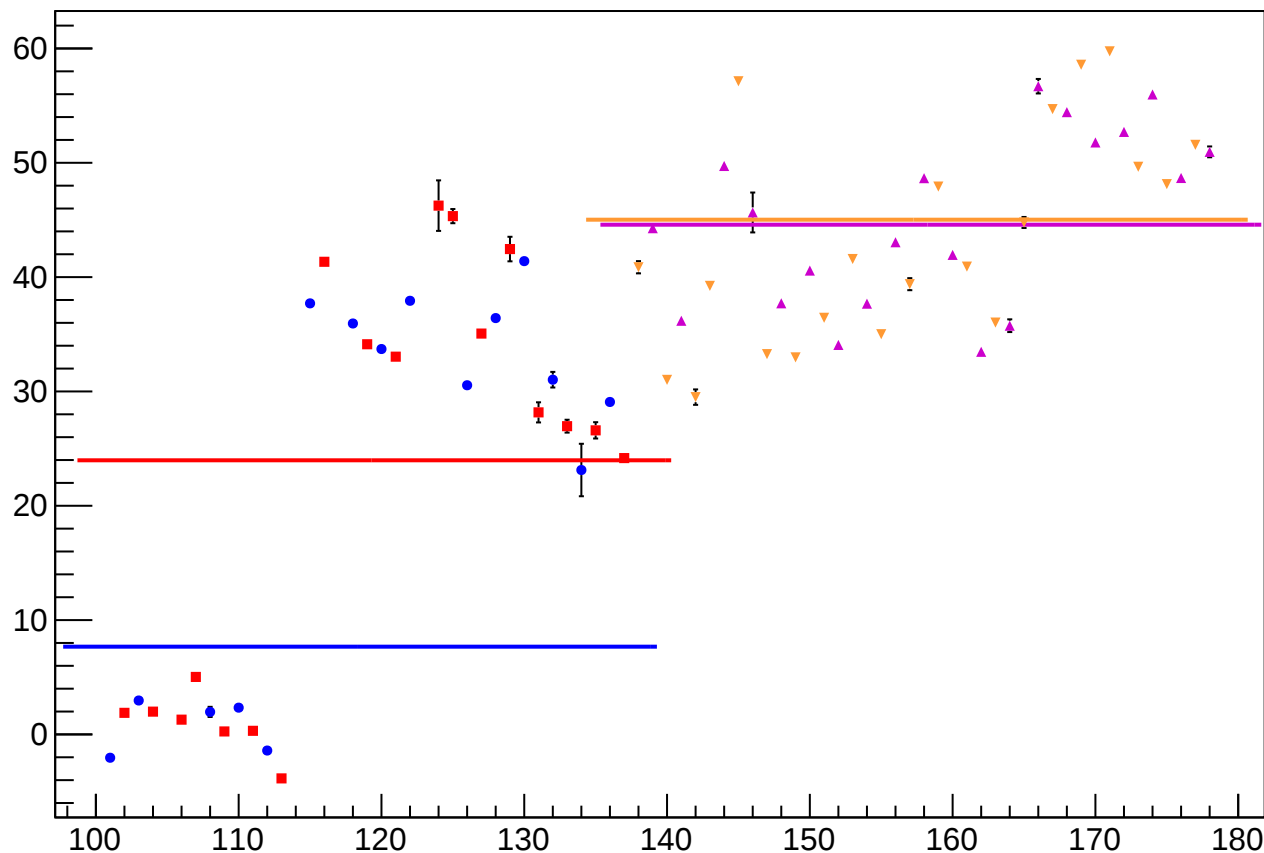
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 26.952 ± 0.047 $\chi^2/\text{NDF}: 18767.5/34$

Out: 27.574 ± 0.045 $\chi^2/\text{NDF}: 26991.2/38$

All: 27.278 ± 0.033 $\chi^2/\text{NDF}: 45849.5/73$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 $\pm$ 0.045 χ^2 /NDF: 96442.5/14

Left Out: 45.023 $\pm$ 0.059 χ^2 /NDF:22665.2/20

Right Out: 23.977 $\pm$ 0.008 χ^2 /NDF: 110564.0/17

Left In: 44.585 $\pm$ 0.053 χ^2 /NDF:16666.3/19

Left: 44.783 $\pm$ 0.039 χ^2 /NDF: 39362.1/40

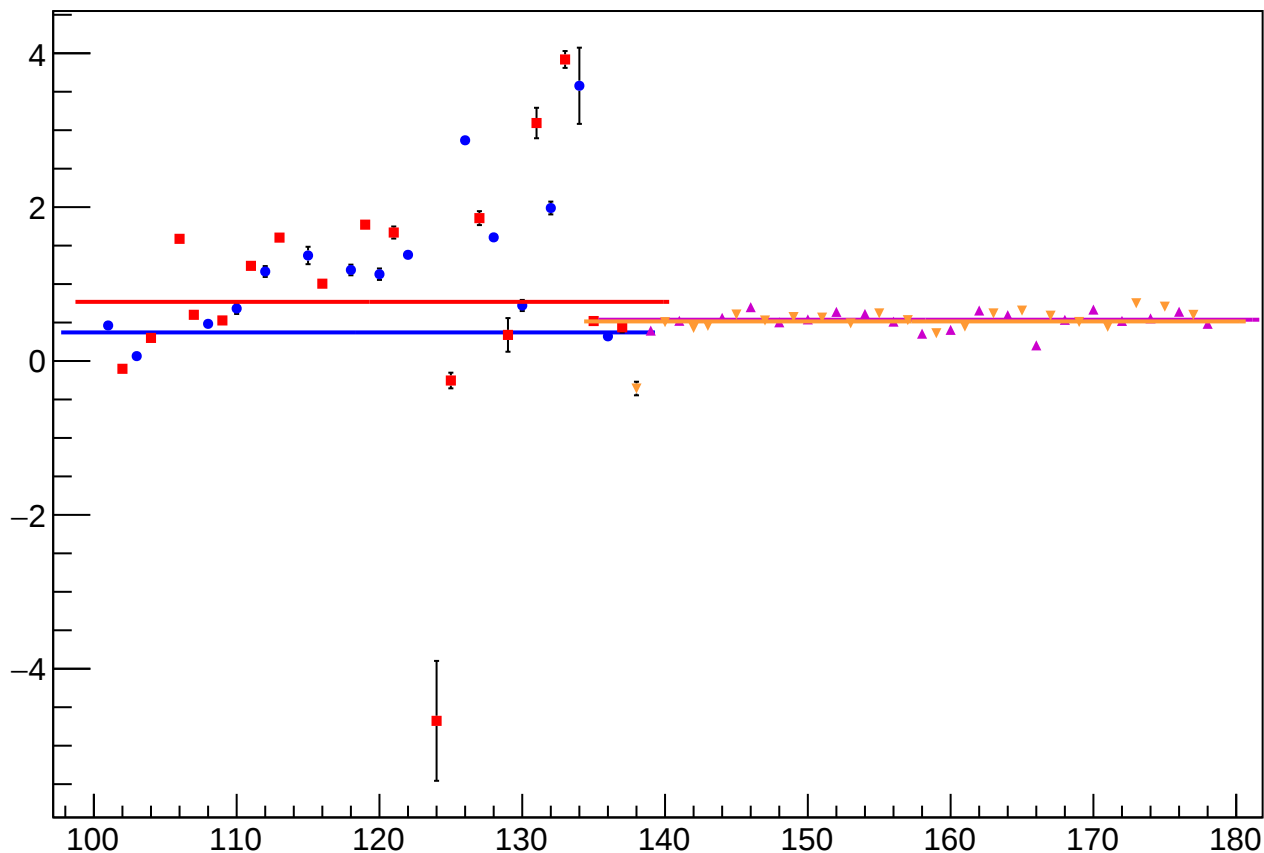
Right: 23.461 $\pm$ 0.008 χ^2 /NDF: 332774.6/32

In: 23.178 $\pm$ 0.034 χ^2 /NDF:392750.8/34

Out: 24.380 $\pm$ 0.008 χ^2 /NDF:260061.5/38

All: 24.317 $\pm$ 0.008 χ^2 /NDF: 653967.5/73

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.515 ± 0.001 $\chi^2/\text{NDF}: 13277.1/20$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.537 ± 0.001 $\chi^2/\text{NDF}: 12309.1/19$

Left: 0.527 ± 0.001 $\chi^2/\text{NDF}: 25829.4/40$

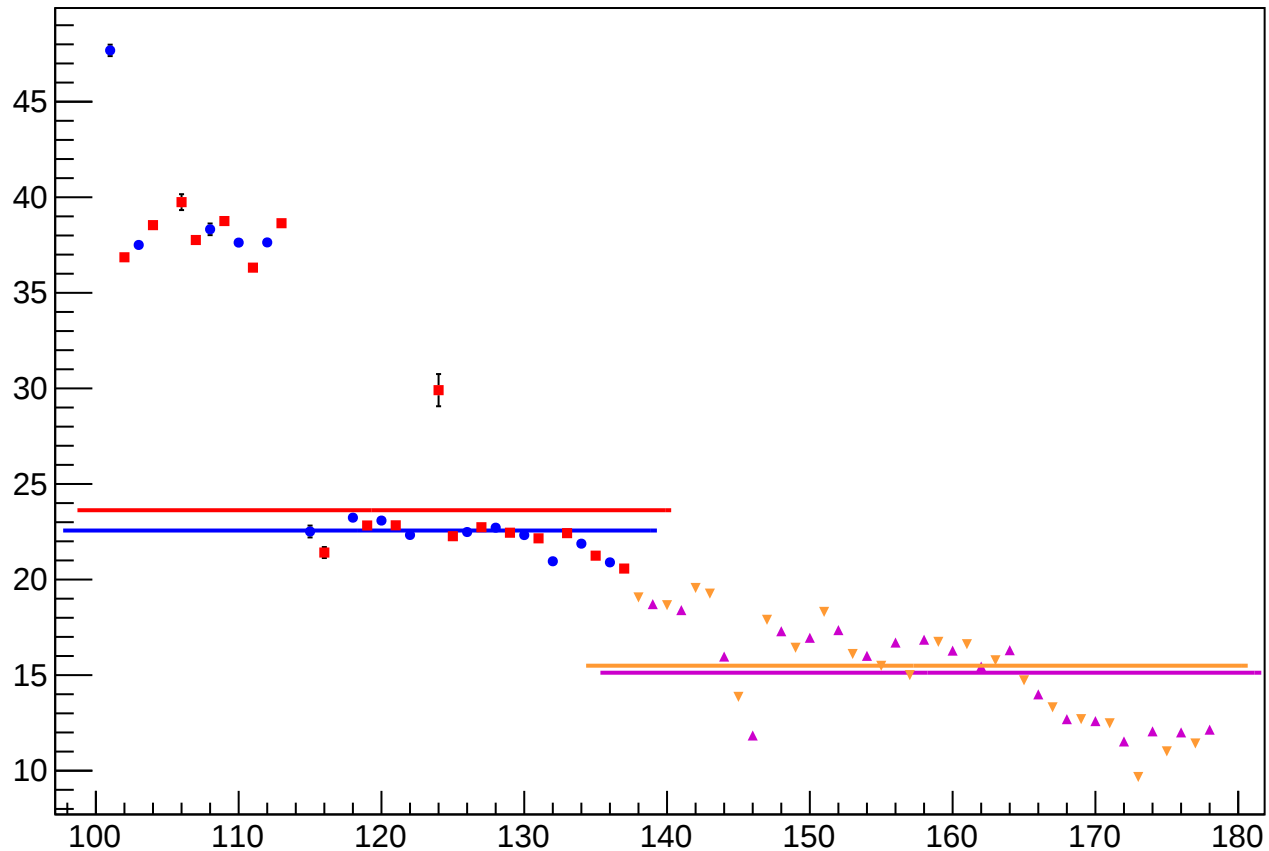
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.529 ± 0.001 $\chi^2/\text{NDF}: 18425.6/34$

Out: 0.520 ± 0.001 $\chi^2/\text{NDF}: 18728.8/38$

All: 0.525 ± 0.001 $\chi^2/\text{NDF}: 37195.3/73$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 15.494 ± 0.006 $\chi^2/\text{NDF}: 208074.4/20$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 15.126 ± 0.006 $\chi^2/\text{NDF}: 137393.0/19$

Left: 15.321 ± 0.004 $\chi^2/\text{NDF}: 347337.1/40$

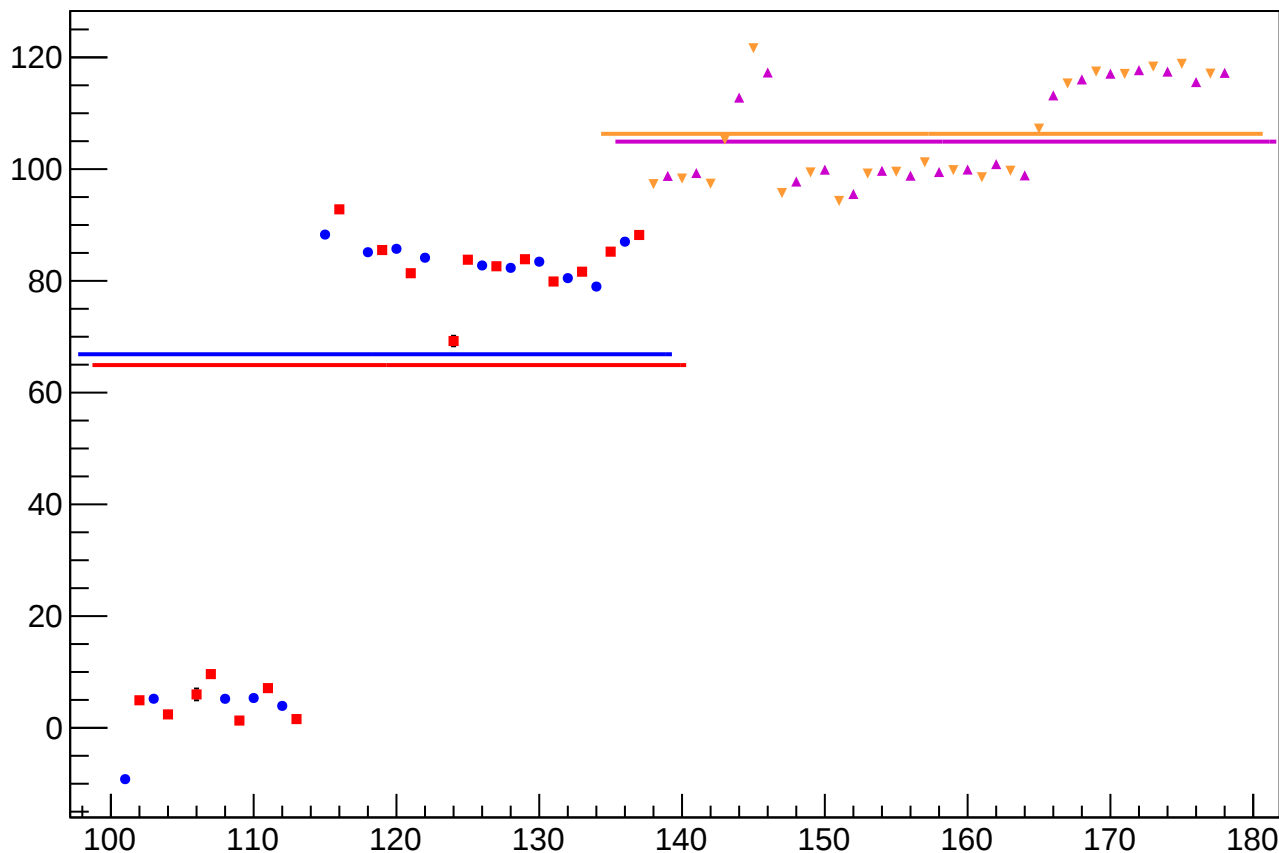
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 17.140 ± 0.005 $\chi^2/\text{NDF}: 620142.4/34$

Out: 17.217 ± 0.005 $\chi^2/\text{NDF}: 745261.6/38$

All: 17.180 ± 0.004 $\chi^2/\text{NDF}: 1365512.4/73$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 ± 0.027 $\chi^2/\text{NDF}: 1494212.3/14$

Left Out: 106.319 ± 0.011 $\chi^2/\text{NDF}: 733422.9/20$

Right Out: 64.929 ± 0.030 $\chi^2/\text{NDF}: 1334580.7/17$

Left In: 104.919 ± 0.011 $\chi^2/\text{NDF}: 579513.6/19$

Left: 105.637 ± 0.008 $\chi^2/\text{NDF}: 1321487.8/40$

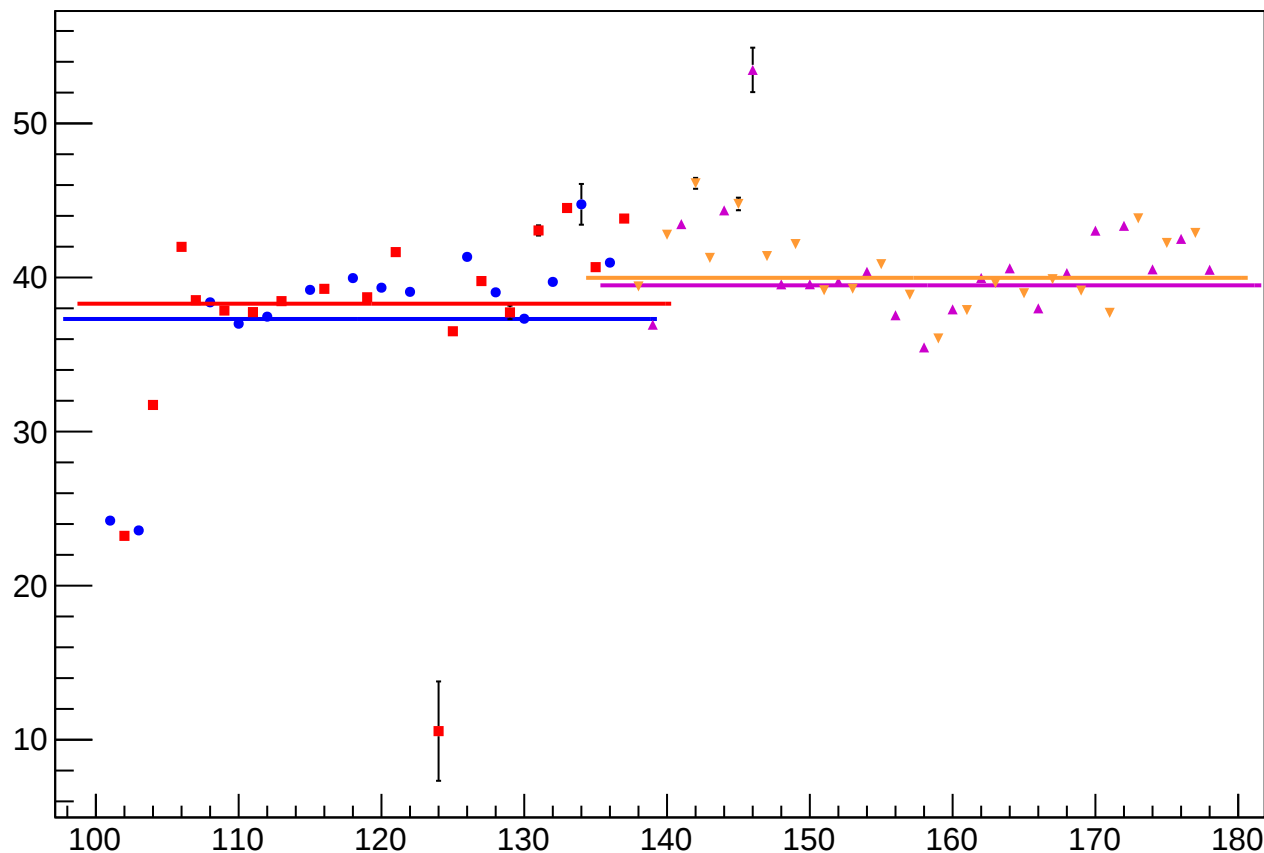
Right: 65.988 ± 0.020 $\chi^2/\text{NDF}: 2831116.5/32$

In: 99.653 ± 0.010 $\chi^2/\text{NDF}: 3777567.6/34$

Out: 101.675 ± 0.010 $\chi^2/\text{NDF}: 3789019.8/38$

All: 100.675 ± 0.007 $\chi^2/\text{NDF}: 7586973.1/73$

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.979 ± 0.030 $\chi^2/\text{NDF}: 5769.8/20$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.491 ± 0.025 $\chi^2/\text{NDF}: 8358.9/19$

Left: 39.686 ± 0.019 $\chi^2/\text{NDF}: 14286.5/40$

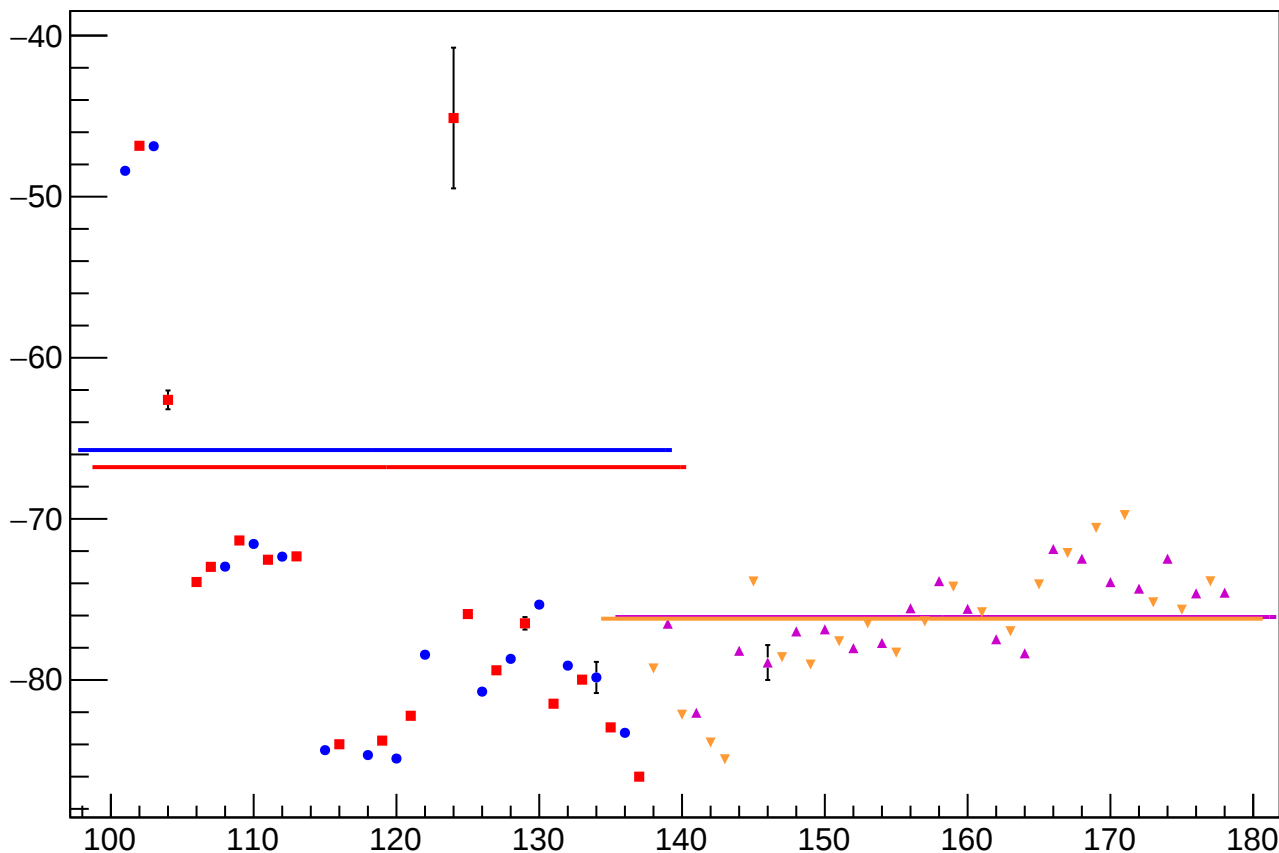
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.331 ± 0.017 $\chi^2/\text{NDF}: 72134.5/34$

Out: 38.832 ± 0.017 $\chi^2/\text{NDF}: 26735.5/38$

All: 38.580 ± 0.012 $\chi^2/\text{NDF}: 99310.0/73$

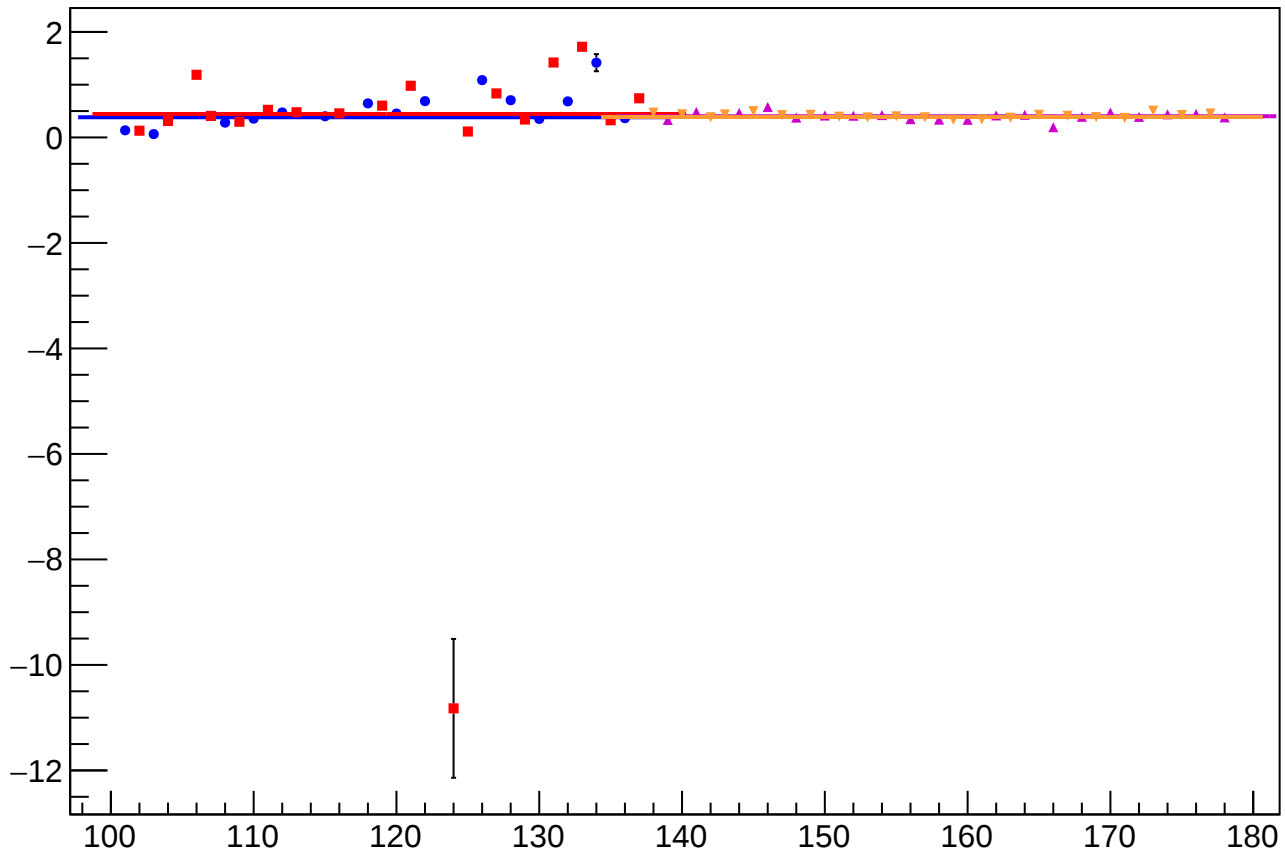
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -76.195 ± 0.024 $\chi^2/\text{NDF}: 22133.8/20$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -76.090 ± 0.020 $\chi^2/\text{NDF}: 10307.5/19$

Left: -76.133 ± 0.016 $\chi^2/\text{NDF}: 32452.2/40$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -69.987 ± 0.013 $\chi^2/\text{NDF}: 1068833.6/34$
 Out: -69.555 ± 0.013 $\chi^2/\text{NDF}: 935651.0/38$
 All: -69.777 ± 0.009 $\chi^2/\text{NDF}: 2005029.3/73$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383+/-0.002 χ^2/NDF : 8173.1/14

Left Out: 0.388+/-0.000 χ^2/NDF :9650.7/20

Right Out: 0.444+/-0.004 χ^2/NDF : 2786.2/17

Left In: 0.402+/-0.000 χ^2/NDF :8416.2/19

Left: 0.395+/-0.000 χ^2/NDF : 18509.5/40

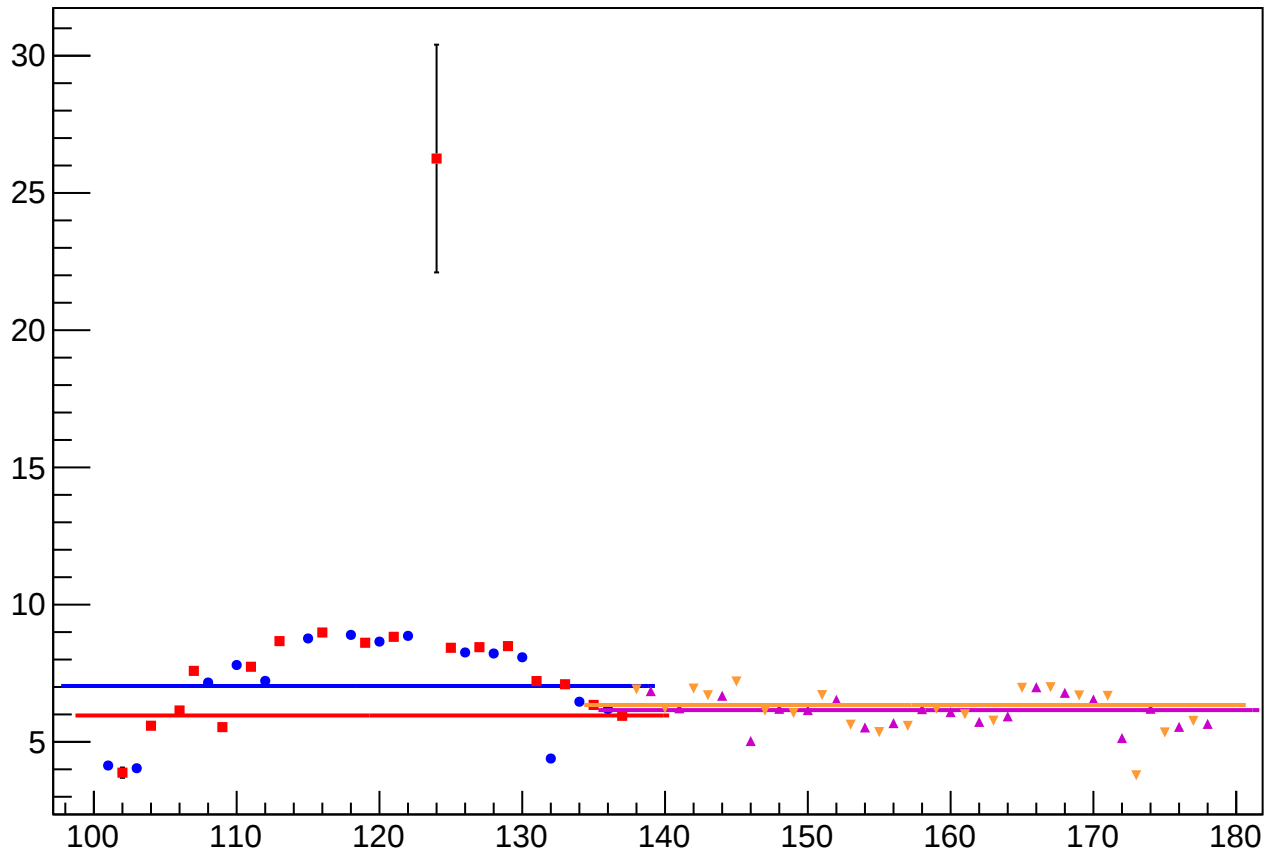
Right: 0.395+/-0.002 χ^2/NDF : 11182.8/32

In: 0.401+/-0.000 χ^2/NDF :16686.6/34

Out: 0.388+/-0.000 χ^2/NDF :12671.7/38

All: 0.395+/-0.000 χ^2/NDF : 29692.4/73

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 $\chi^2/\text{NDF}: 69905.1/14$

Left Out: 6.345 ± 0.002 $\chi^2/\text{NDF}: 76471.6/20$

Right Out: 5.962 ± 0.000 $\chi^2/\text{NDF}: 168372.8/17$

Left In: 6.158 ± 0.002 $\chi^2/\text{NDF}: 47808.7/19$

Left: 6.246 ± 0.001 $\chi^2/\text{NDF}: 131238.0/40$

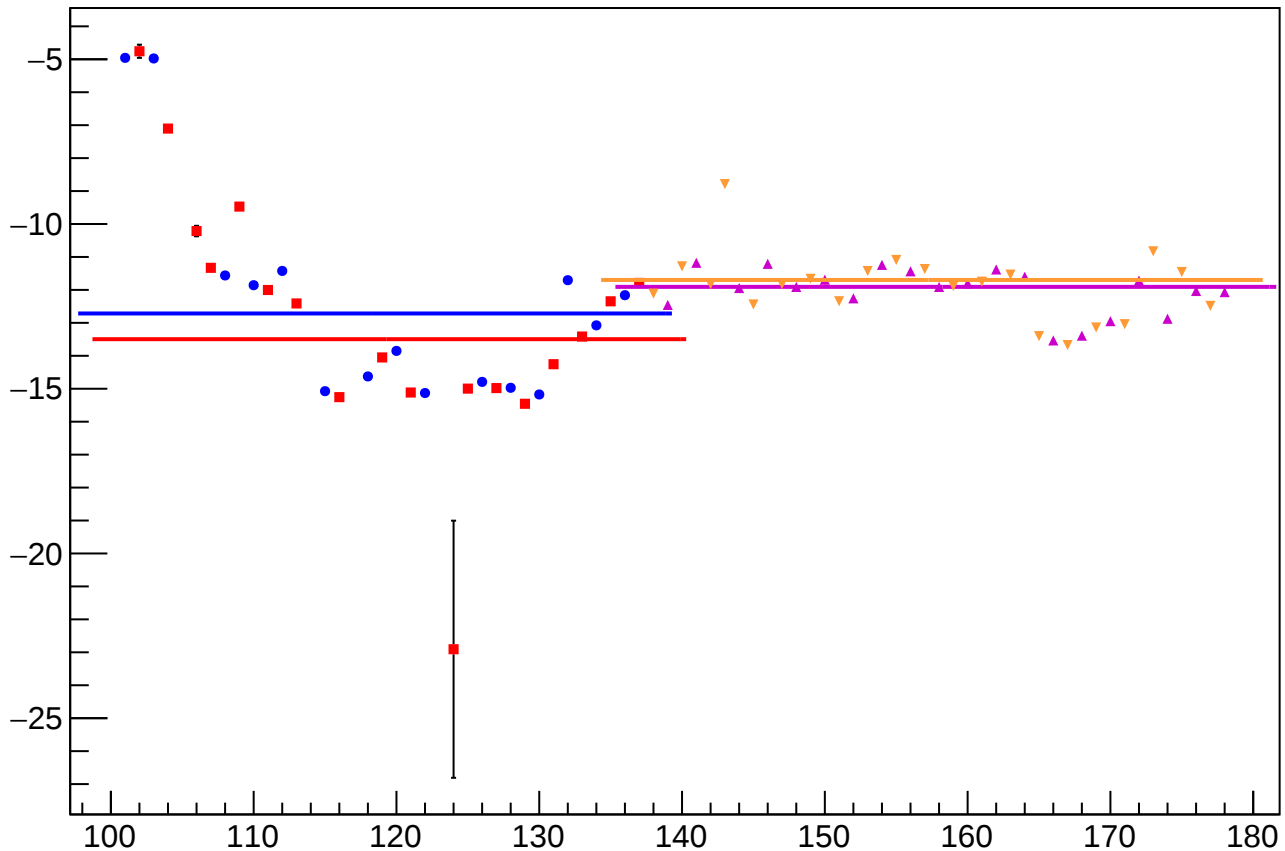
Right: 5.970 ± 0.000 $\chi^2/\text{NDF}: 294275.6/32$

In: 6.249 ± 0.001 $\chi^2/\text{NDF}: 151522.8/34$

Out: 5.984 ± 0.000 $\chi^2/\text{NDF}: 297151.6/38$

All: 6.003 ± 0.000 $\chi^2/\text{NDF}: 479315.1/73$

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.698 $\pm$ 0.002 χ^2 /NDF:338542.7/20

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.908 $\pm$ 0.002 χ^2 /NDF:63502.1/19

Left: -11.805 $\pm$ 0.002 χ^2 /NDF: 406691.1/40

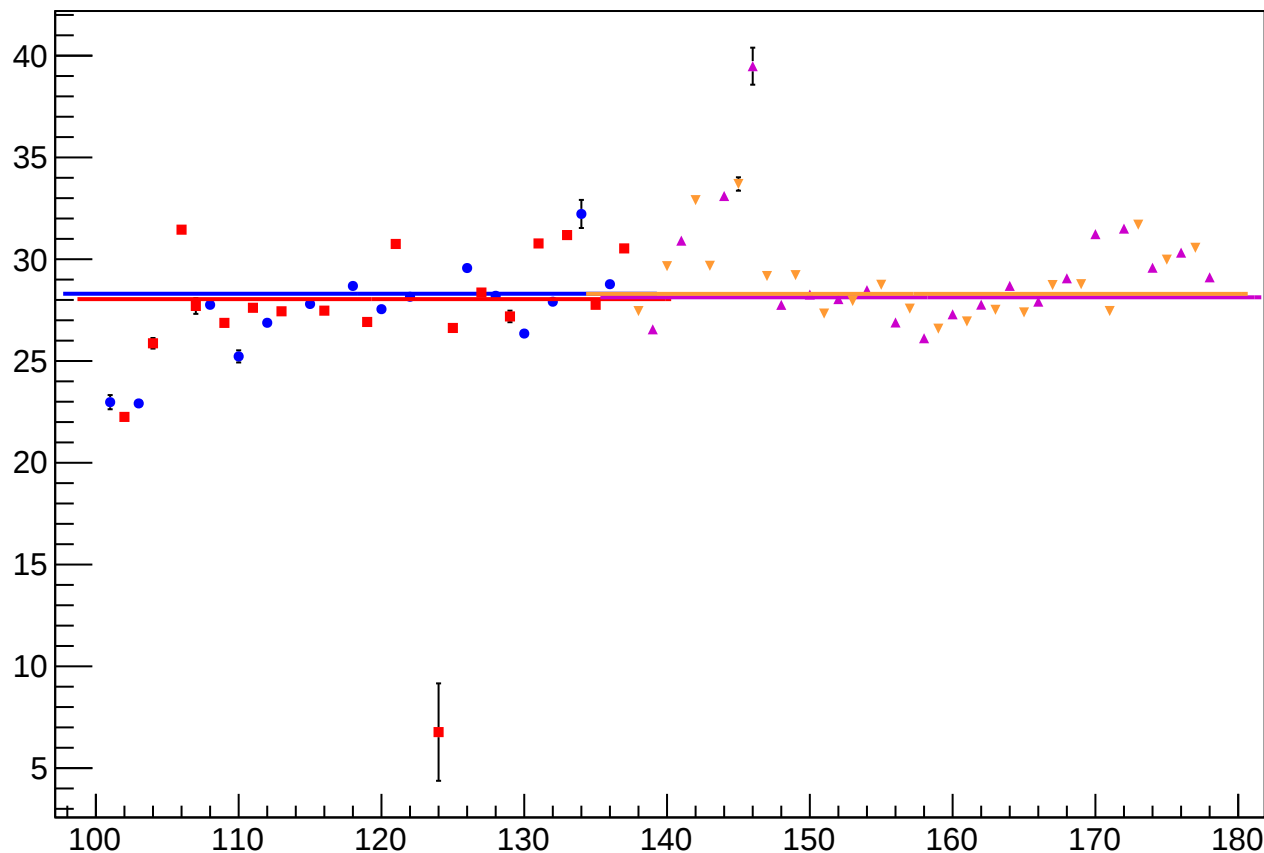
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.991 $\pm$ 0.002 χ^2 /NDF:163103.8/34

Out: -11.922 $\pm$ 0.002 χ^2 /NDF:478084.9/38

All: -11.957 $\pm$ 0.001 χ^2 /NDF: 641754.0/73

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.298 $\pm$ 0.018 χ^2 /NDF:6382.1/20

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.129 $\pm$ 0.015 χ^2 /NDF:8694.3/19

Left: 28.198 $\pm$ 0.012 χ^2 /NDF: 15126.2/40

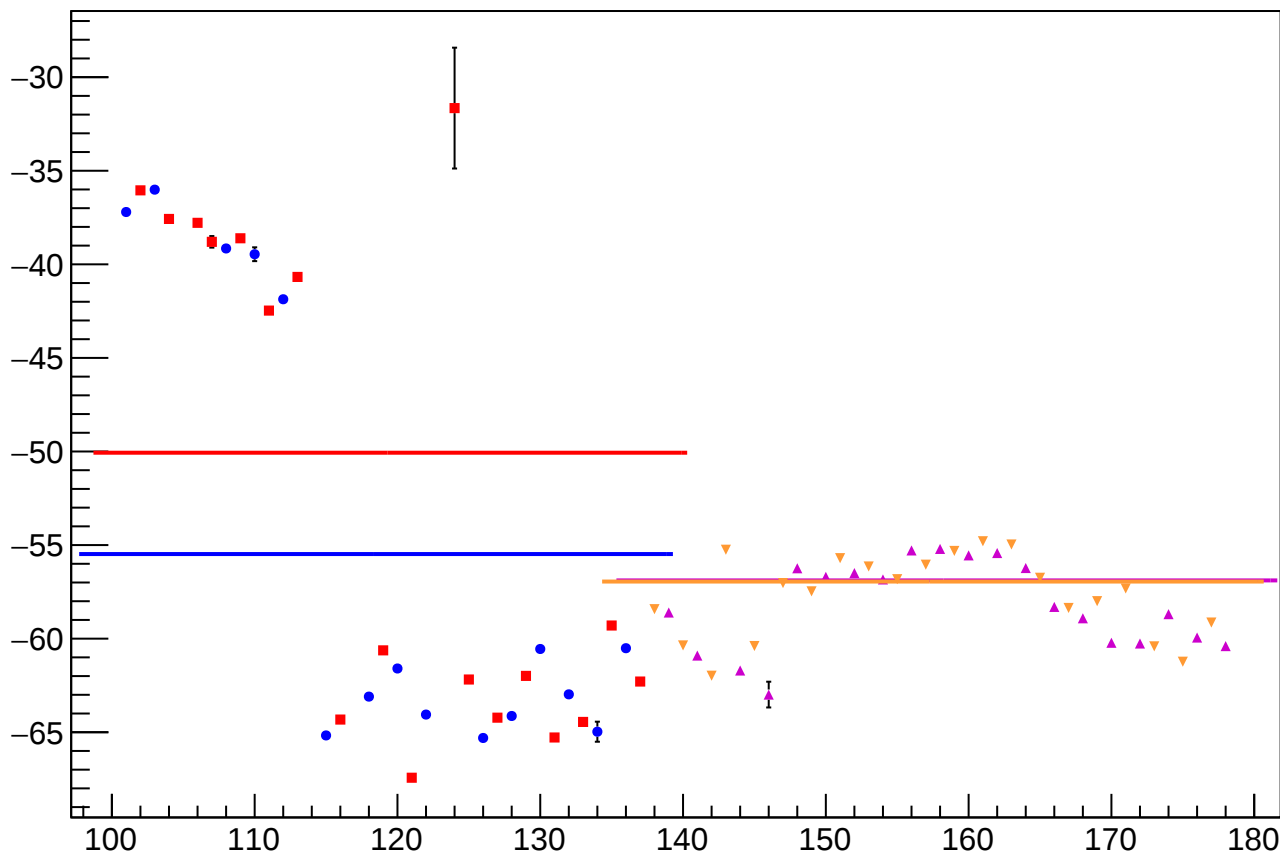
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.182 $\pm$ 0.013 χ^2 /NDF:12134.3/34

Out: 28.228 $\pm$ 0.016 χ^2 /NDF:8996.6/38

All: 28.200 $\pm$ 0.010 χ^2 /NDF: 21136.0/73

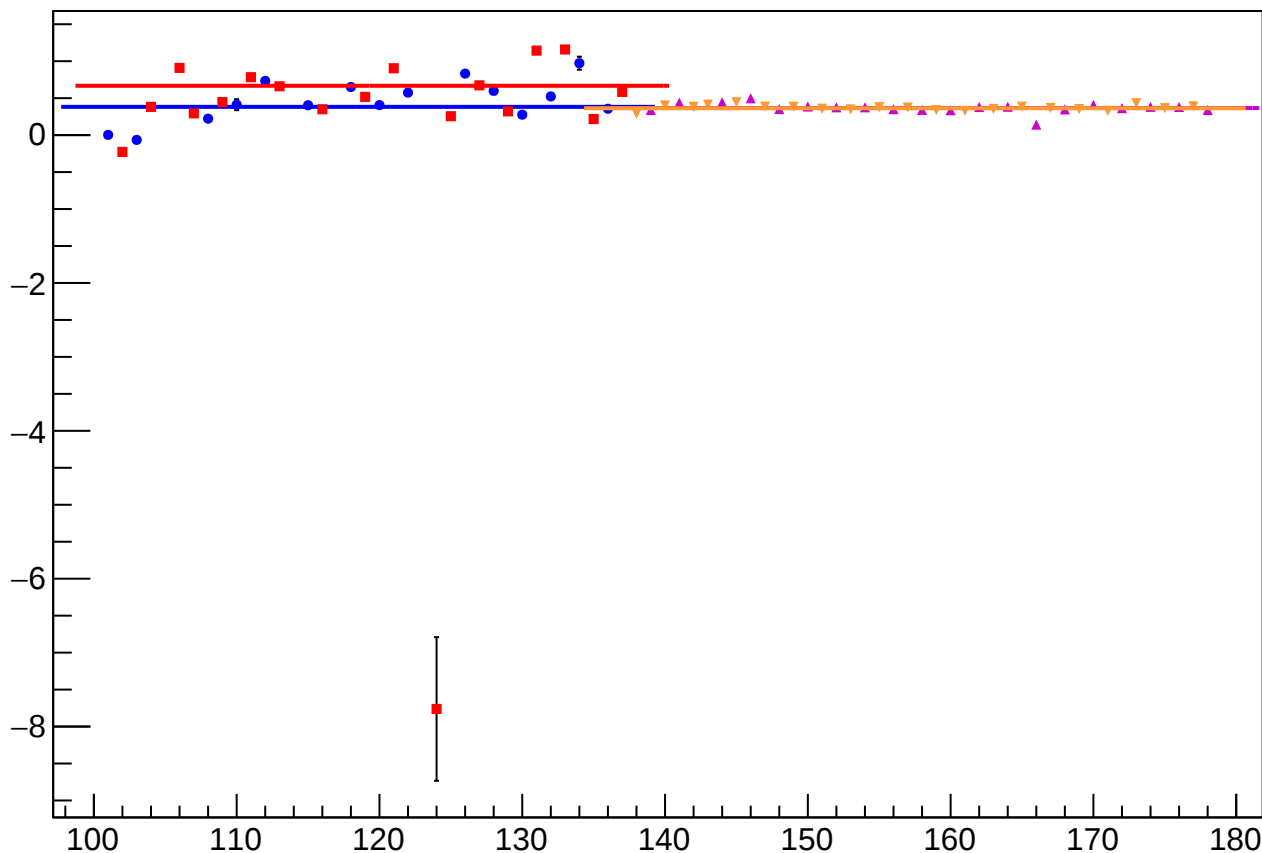
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -56.949 ± 0.015 $\chi^2/\text{NDF}: 16448.6/20$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -56.888 ± 0.013 $\chi^2/\text{NDF}: 16052.9/19$

Left: -56.914 ± 0.010 $\chi^2/\text{NDF}: 32510.5/40$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -56.347 ± 0.010 $\chi^2/\text{NDF}: 615643.5/34$
 Out: -54.844 ± 0.013 $\chi^2/\text{NDF}: 418060.7/38$
 All: -55.758 ± 0.008 $\chi^2/\text{NDF}: 1042100.4/73$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.363 $\pm$ 0.000 χ^2 /NDF:7815.4/20

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.366 $\pm$ 0.000 χ^2 /NDF:5916.0/19

Left: 0.365 $\pm$ 0.000 χ^2 /NDF: 13771.4/40

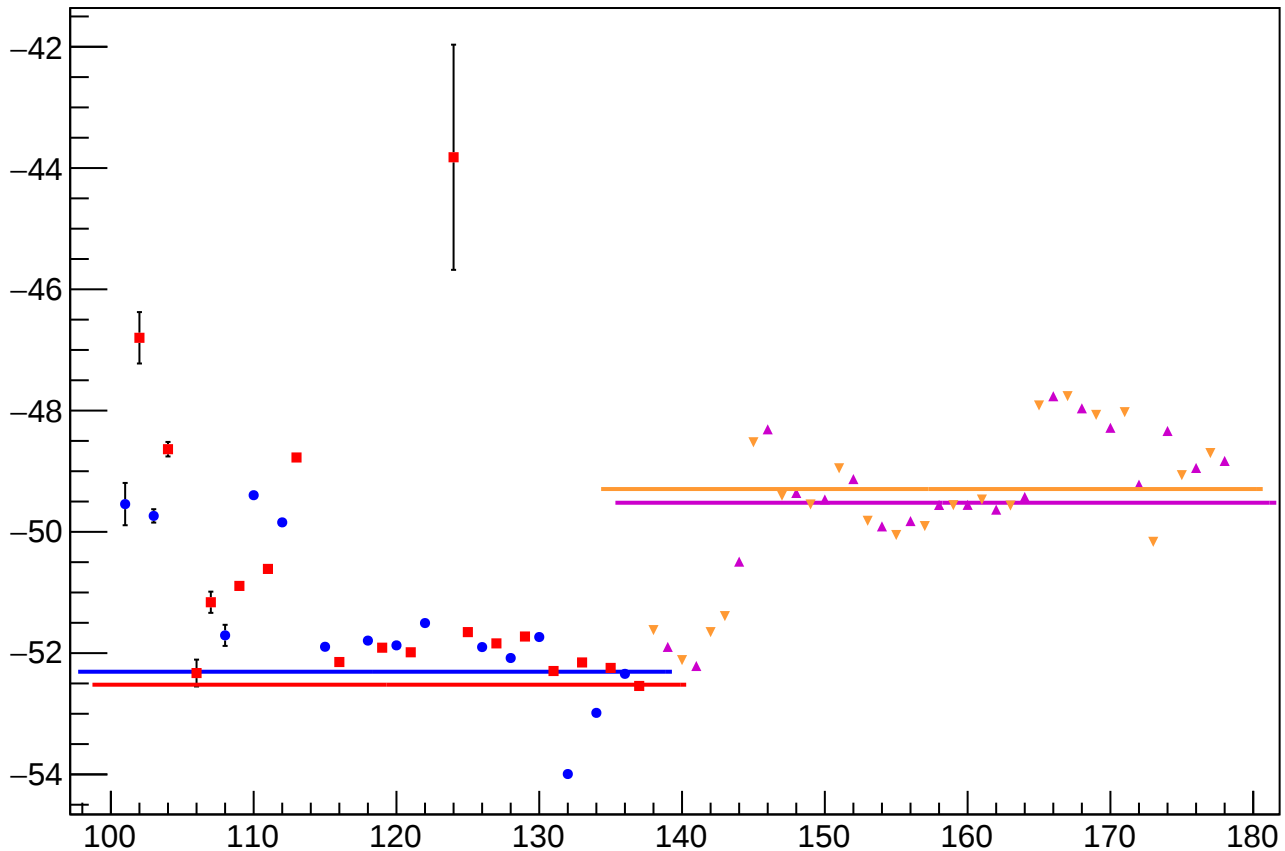
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.367 $\pm$ 0.000 χ^2 /NDF:10605.6/34

Out: 0.365 $\pm$ 0.000 χ^2 /NDF:15858.2/38

All: 0.366 $\pm$ 0.000 χ^2 /NDF: 26481.9/73

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.294 $\pm$ 0.001 χ^2 /NDF: 507686.6/20

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.520 $\pm$ 0.001 χ^2 /NDF: 420765.4/19

Left: -49.406 $\pm$ 0.001 χ^2 /NDF: 941059.3/40

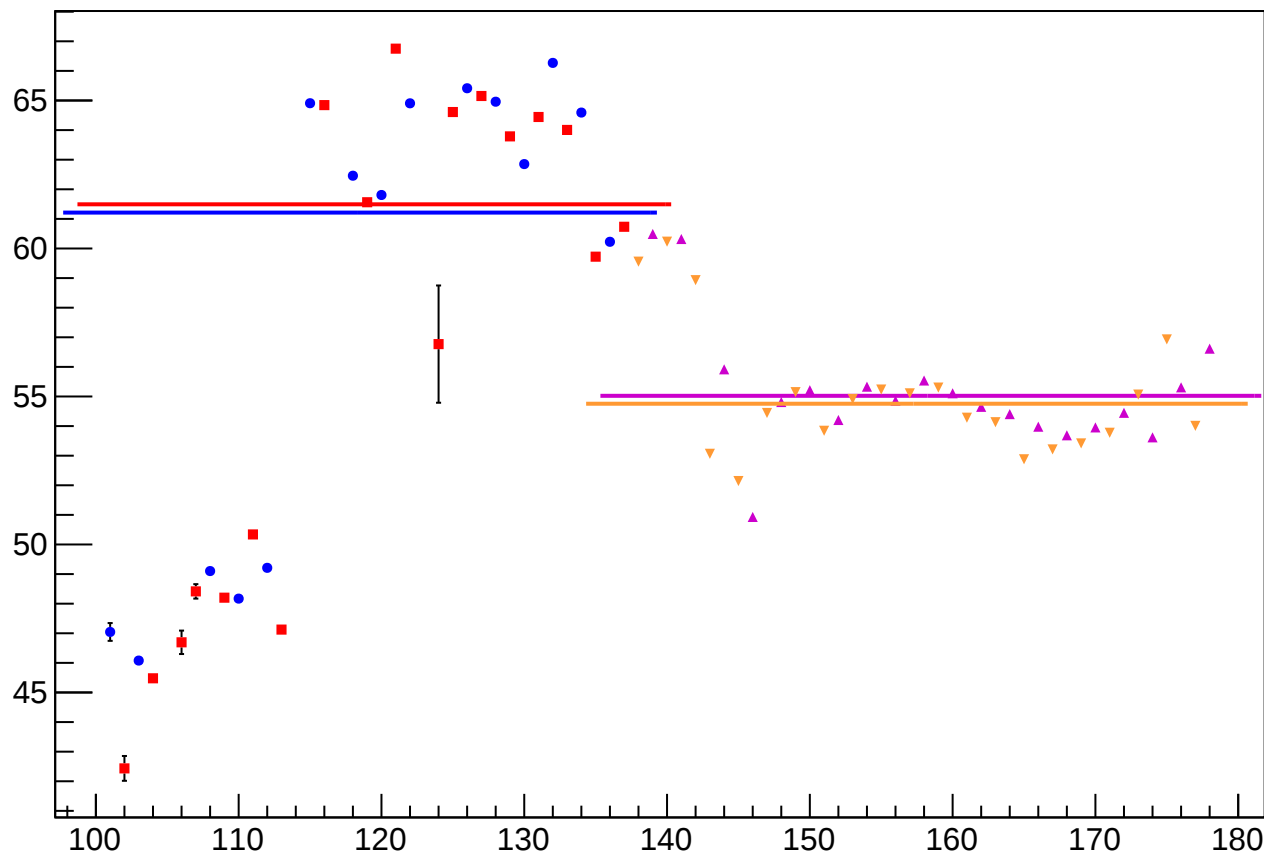
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.854 $\pm$ 0.001 χ^2 /NDF: 900139.7/34

Out: -51.302 $\pm$ 0.001 χ^2 /NDF: 3755133.1/38

All: -50.873 $\pm$ 0.001 χ^2 /NDF: 5474070.8/73

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 54.755 ± 0.003 $\chi^2/\text{NDF}: 249246.0/20$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.023 ± 0.003 $\chi^2/\text{NDF}: 81838.8/19$

Left: 54.903 ± 0.002 $\chi^2/\text{NDF}: 334944.9/40$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.505 ± 0.003 $\chi^2/\text{NDF}: 597010.5/34$

Out: 55.999 ± 0.003 $\chi^2/\text{NDF}: 1313183.7/38$

All: 55.742 ± 0.002 $\chi^2/\text{NDF}: 1925462.8/73$

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

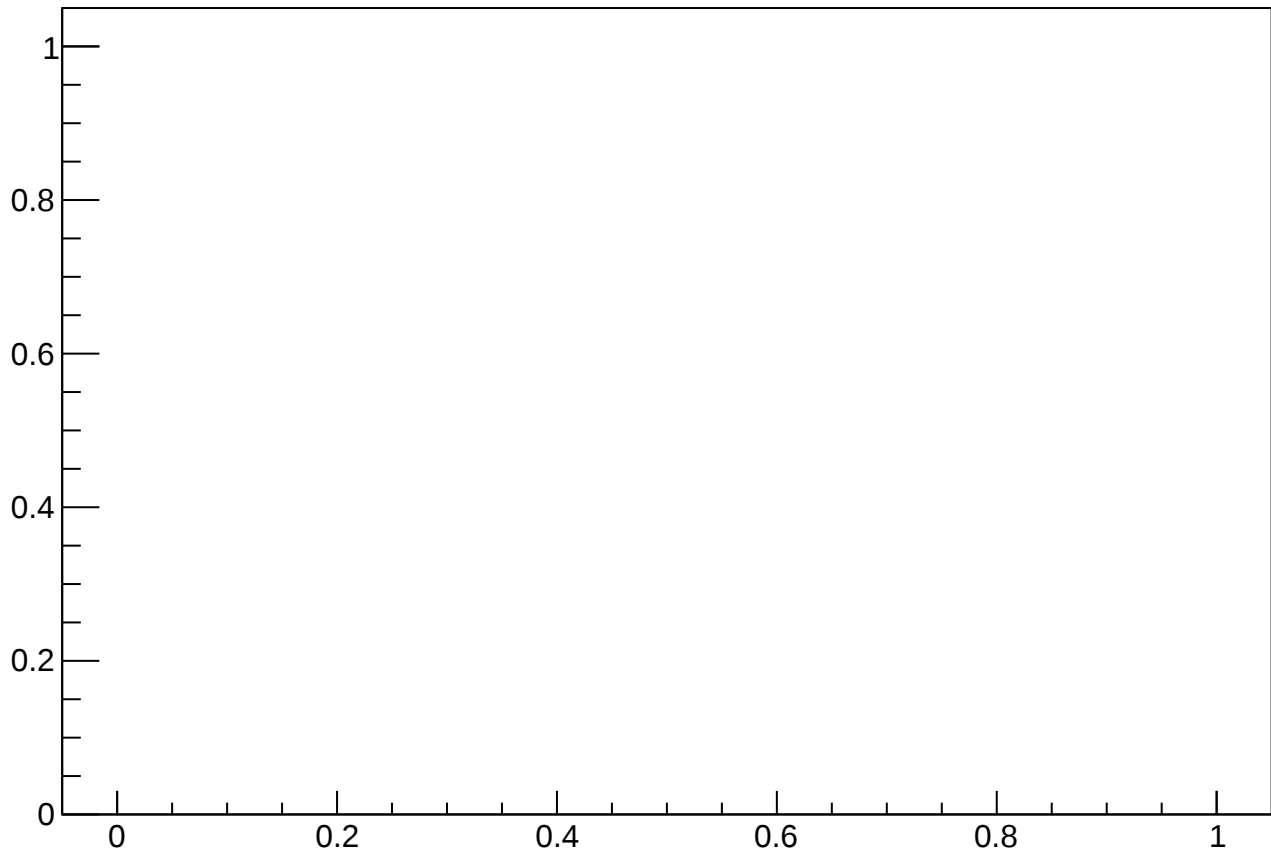
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

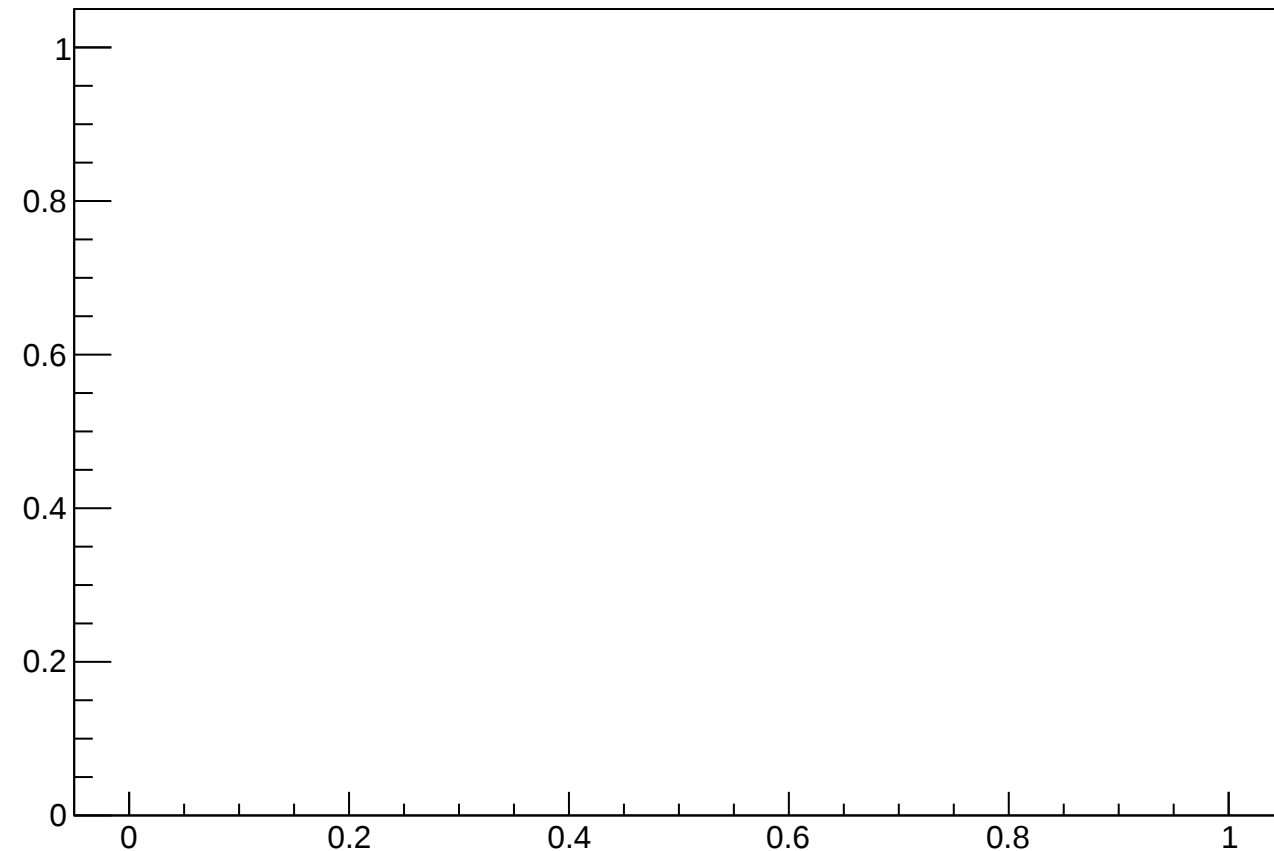
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

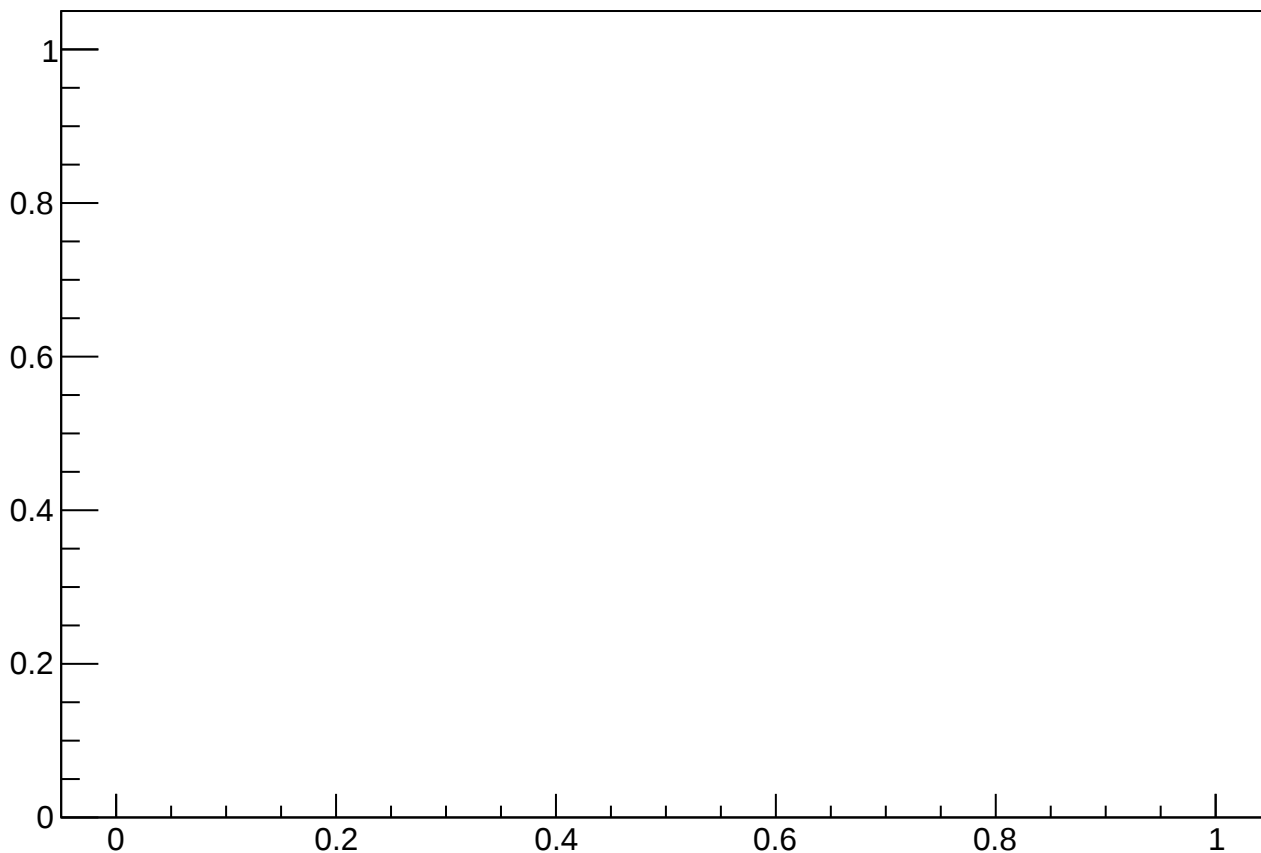
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

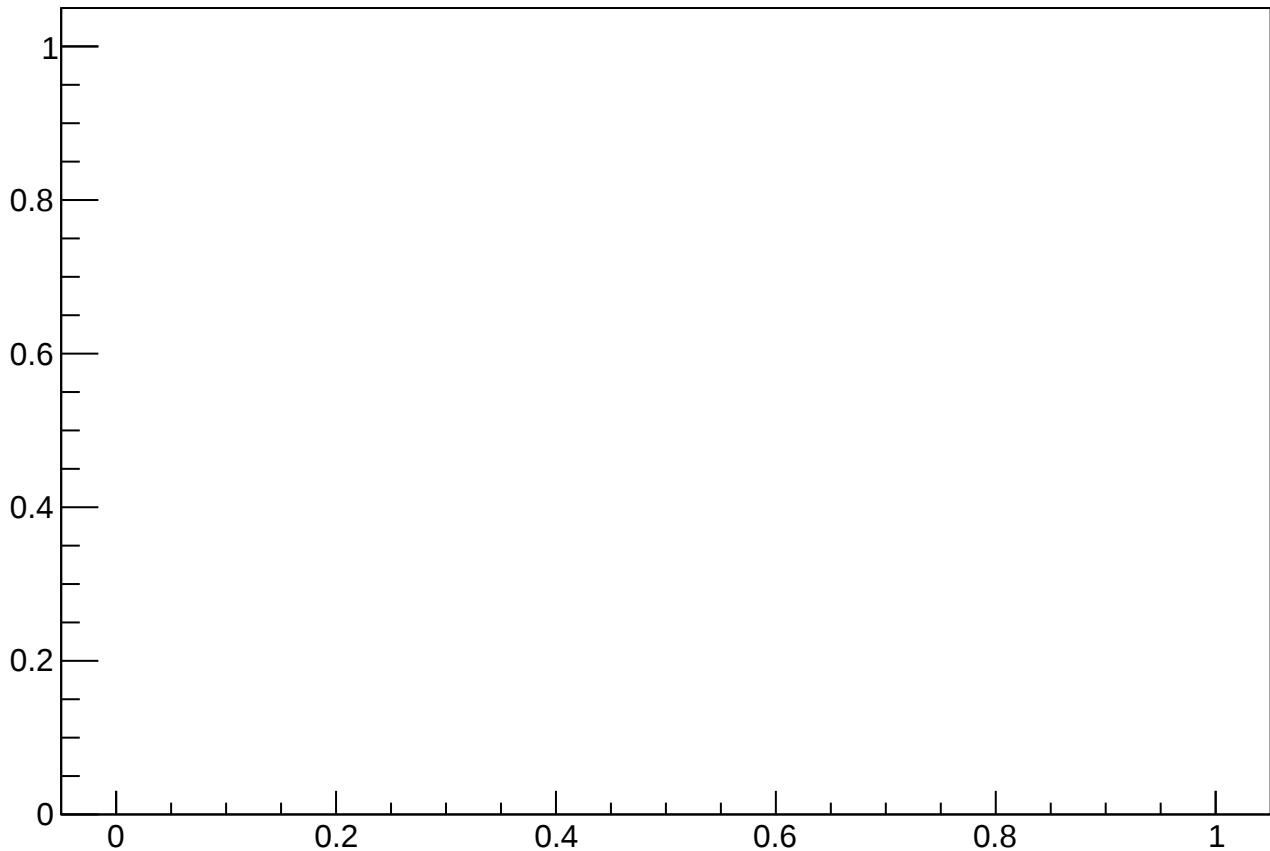
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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+/-0.000 χ^2 /NDF: 0.0/0

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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_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

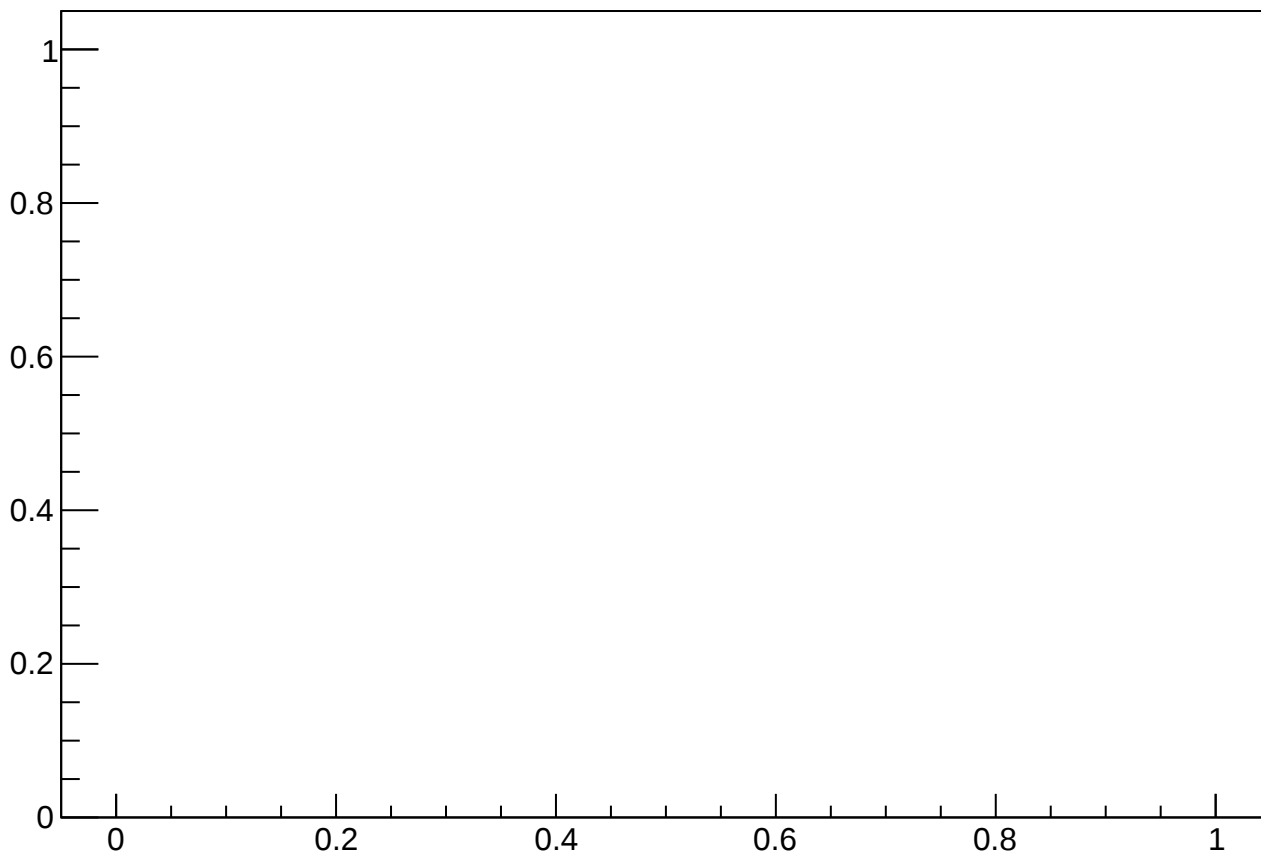
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

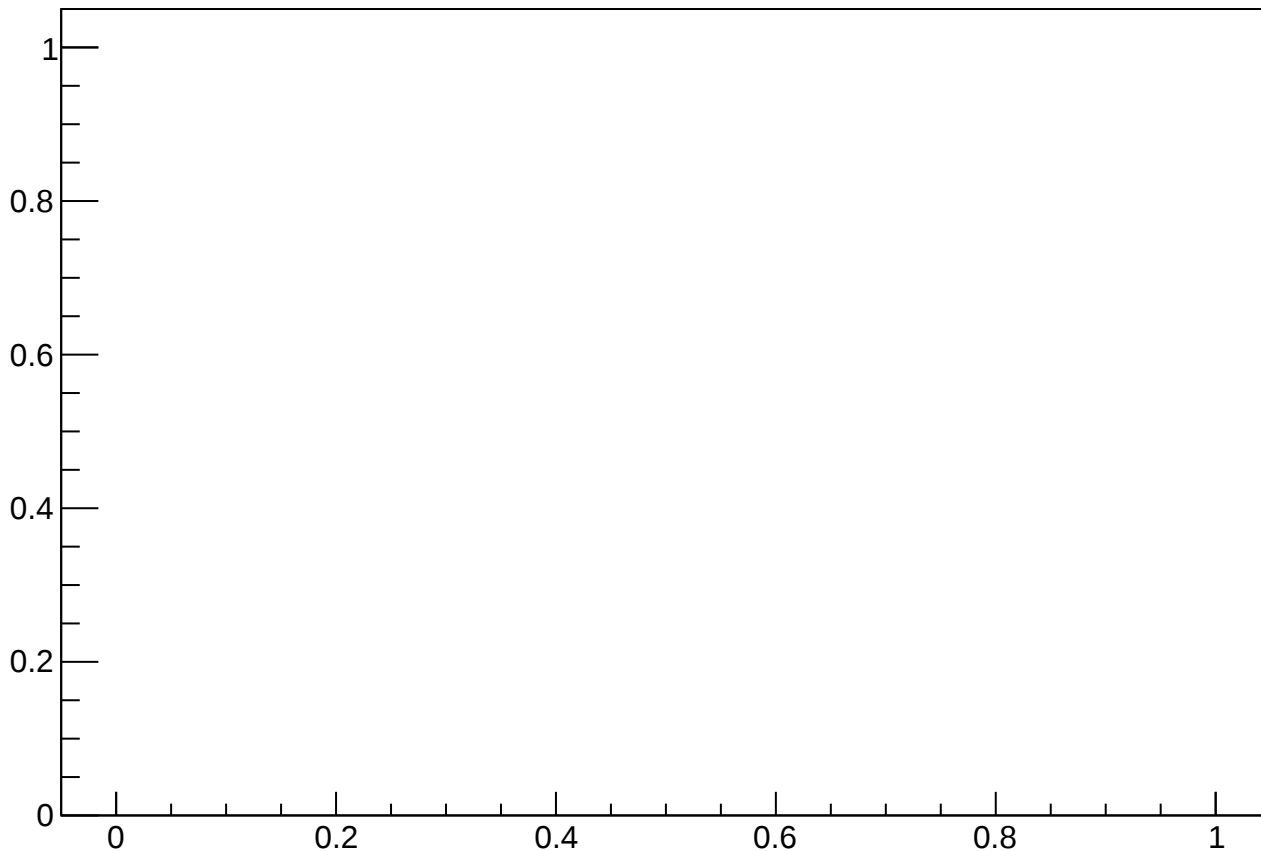
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

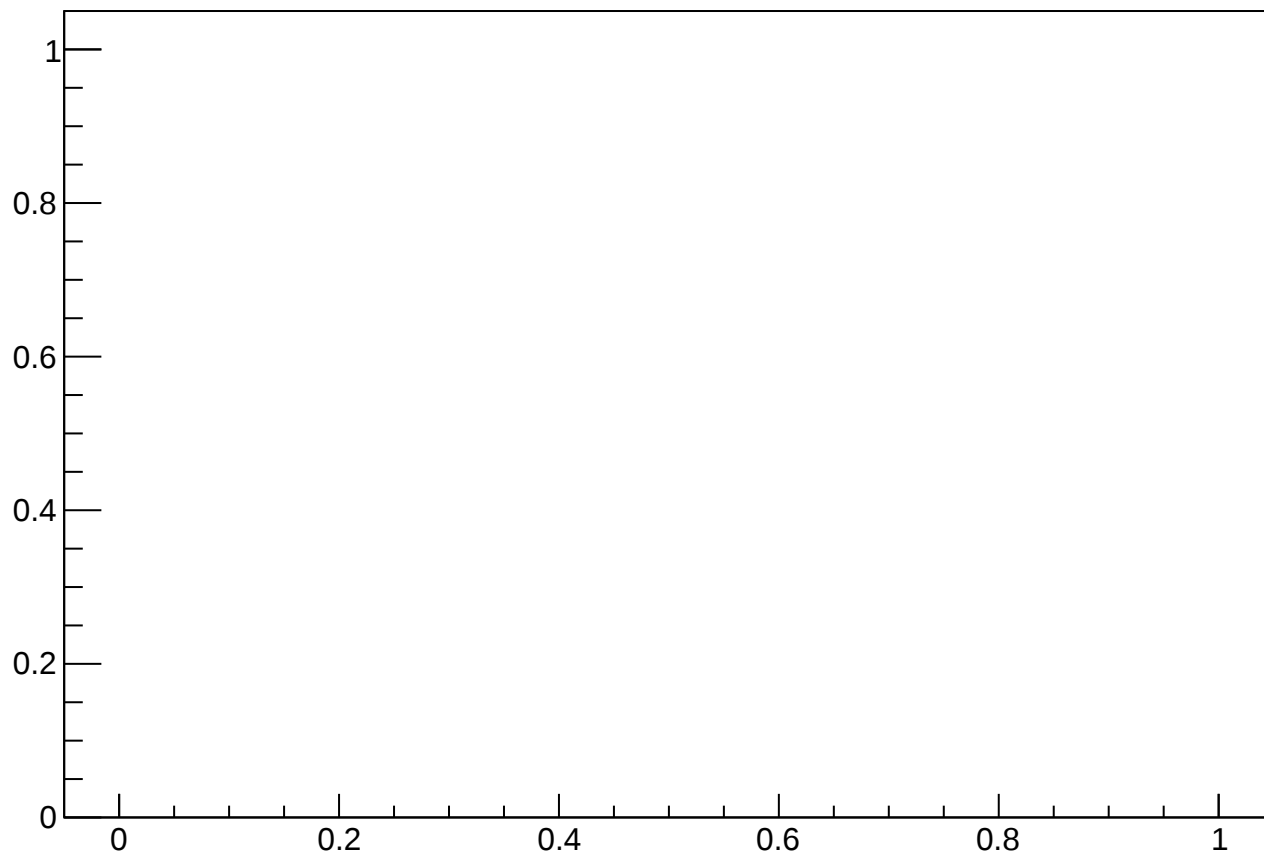
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

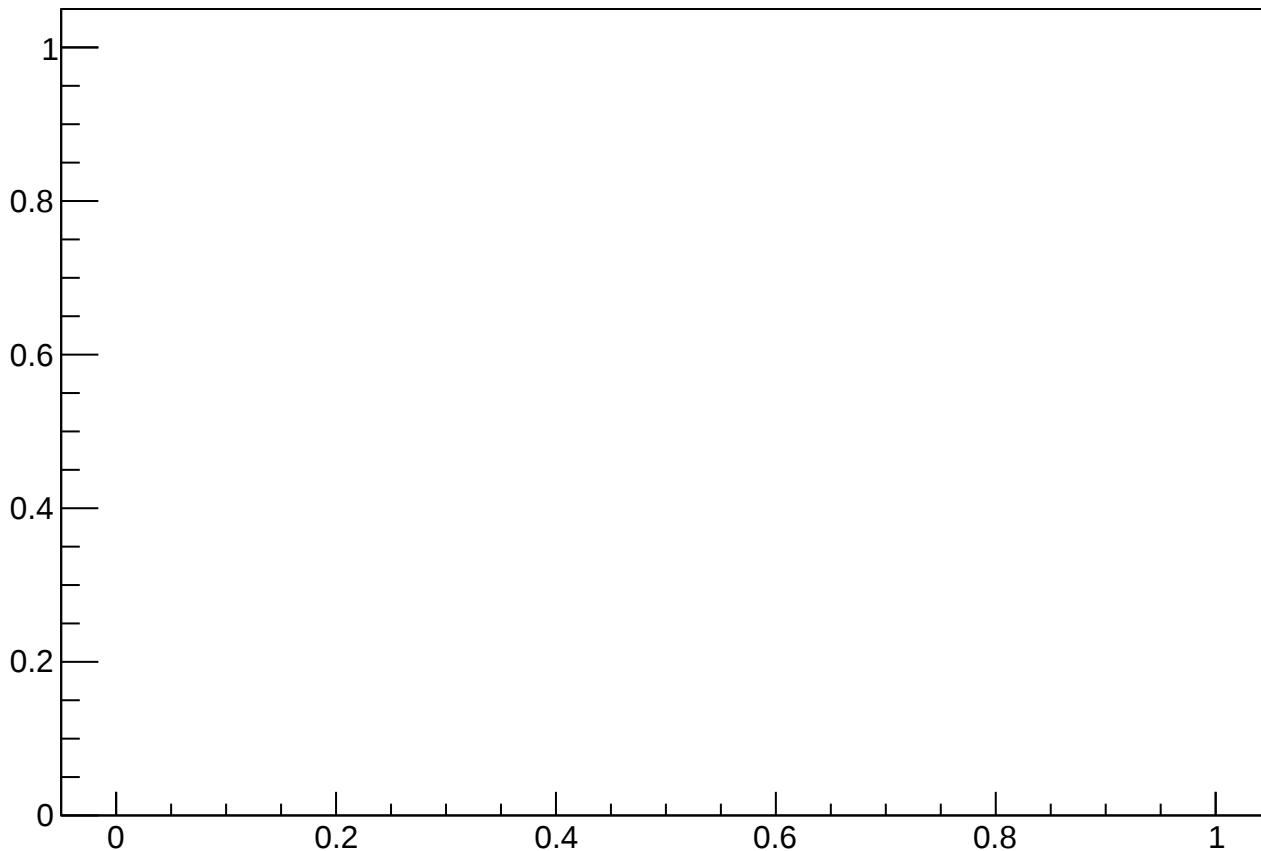
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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 $\pm$ 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_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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

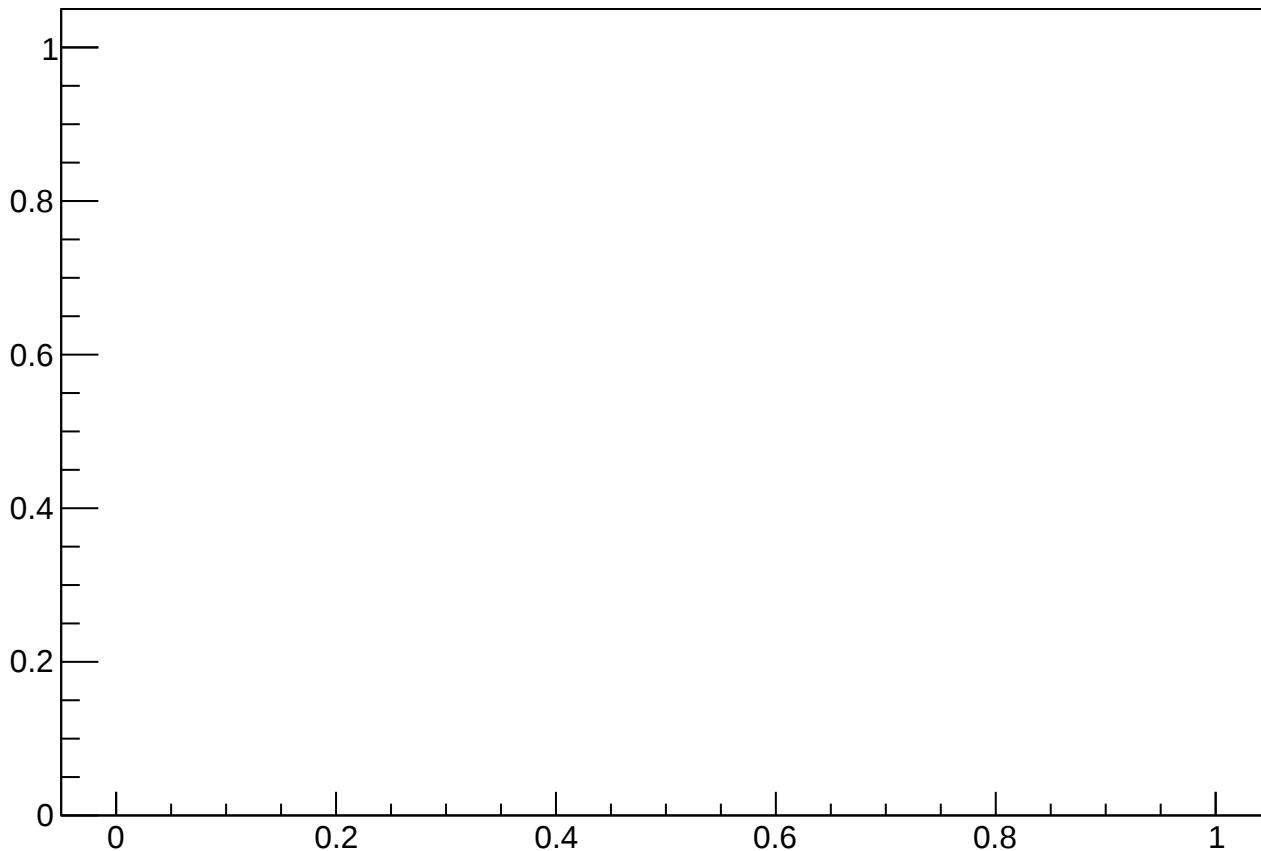
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

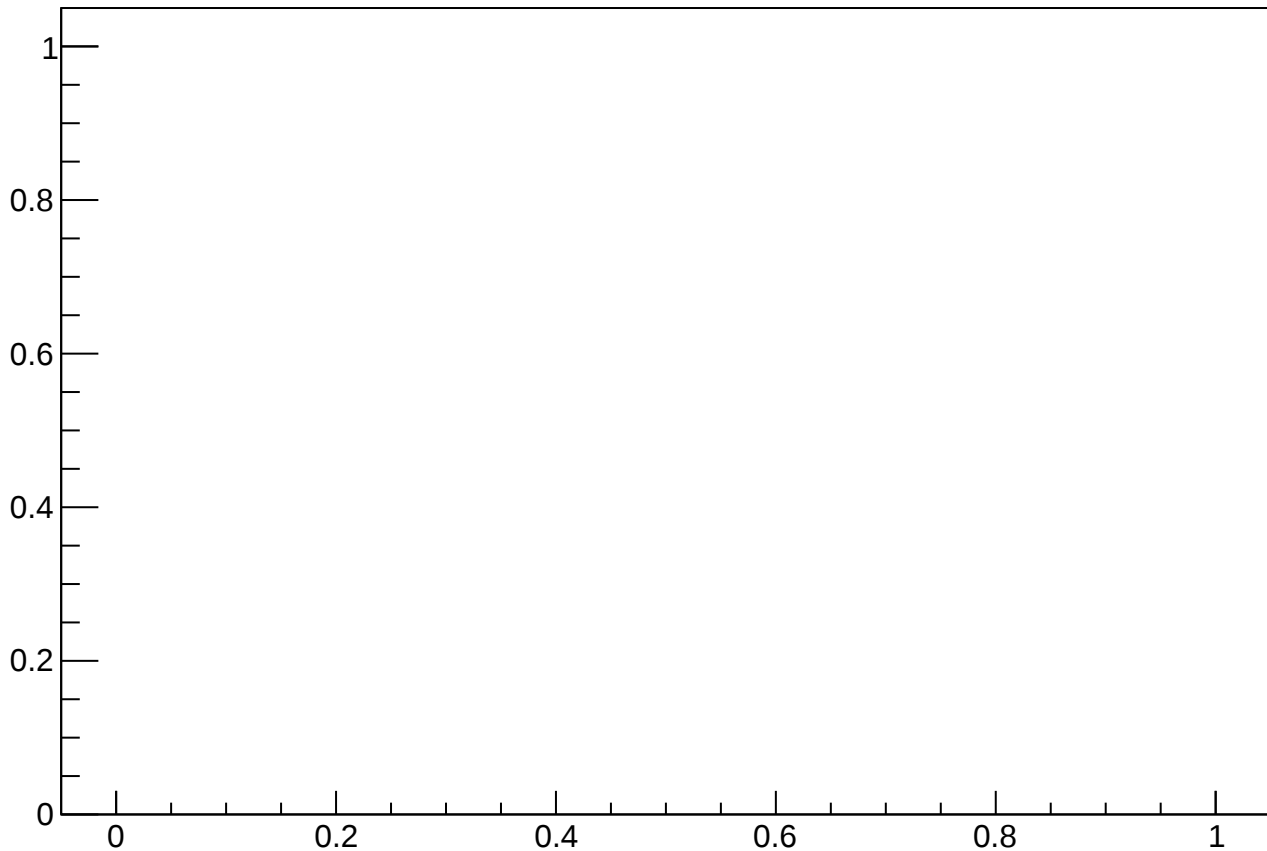
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

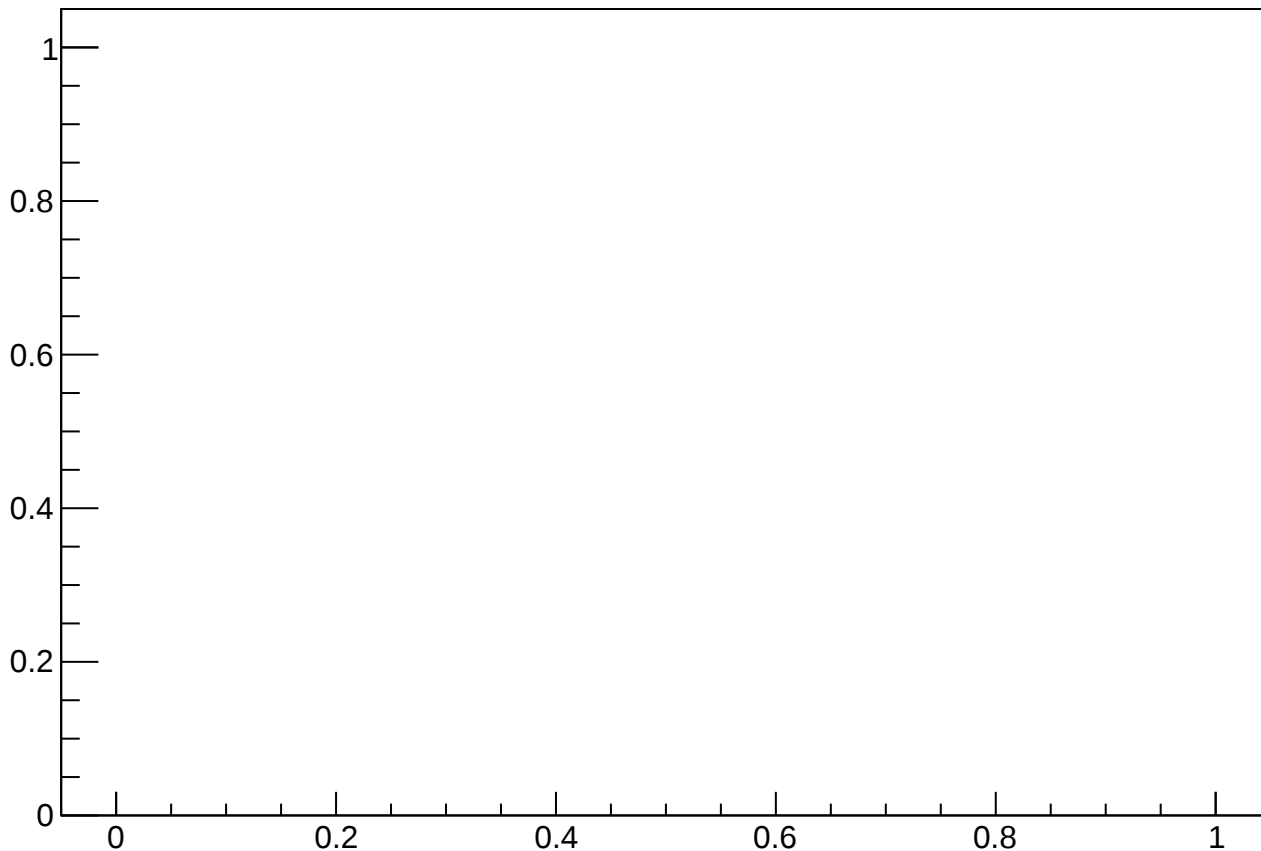
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

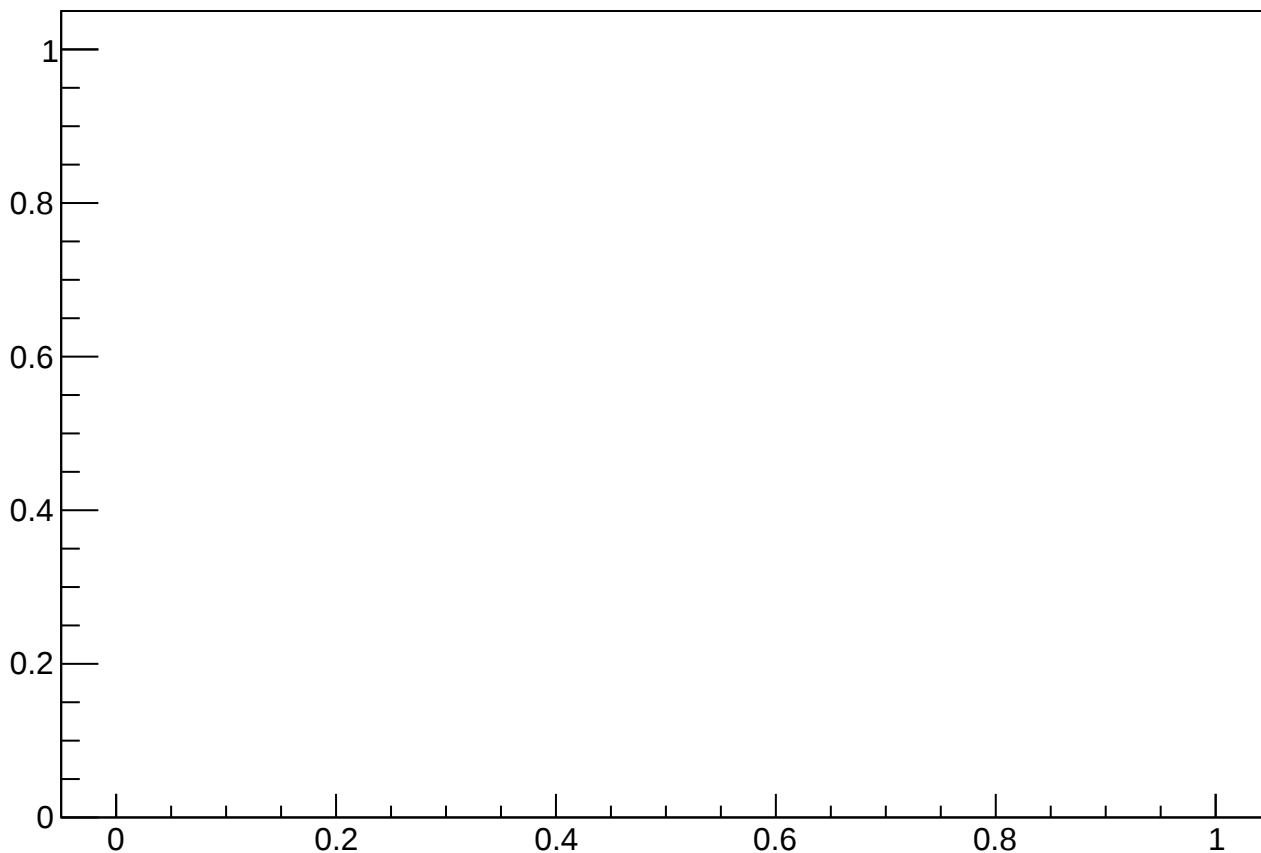
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

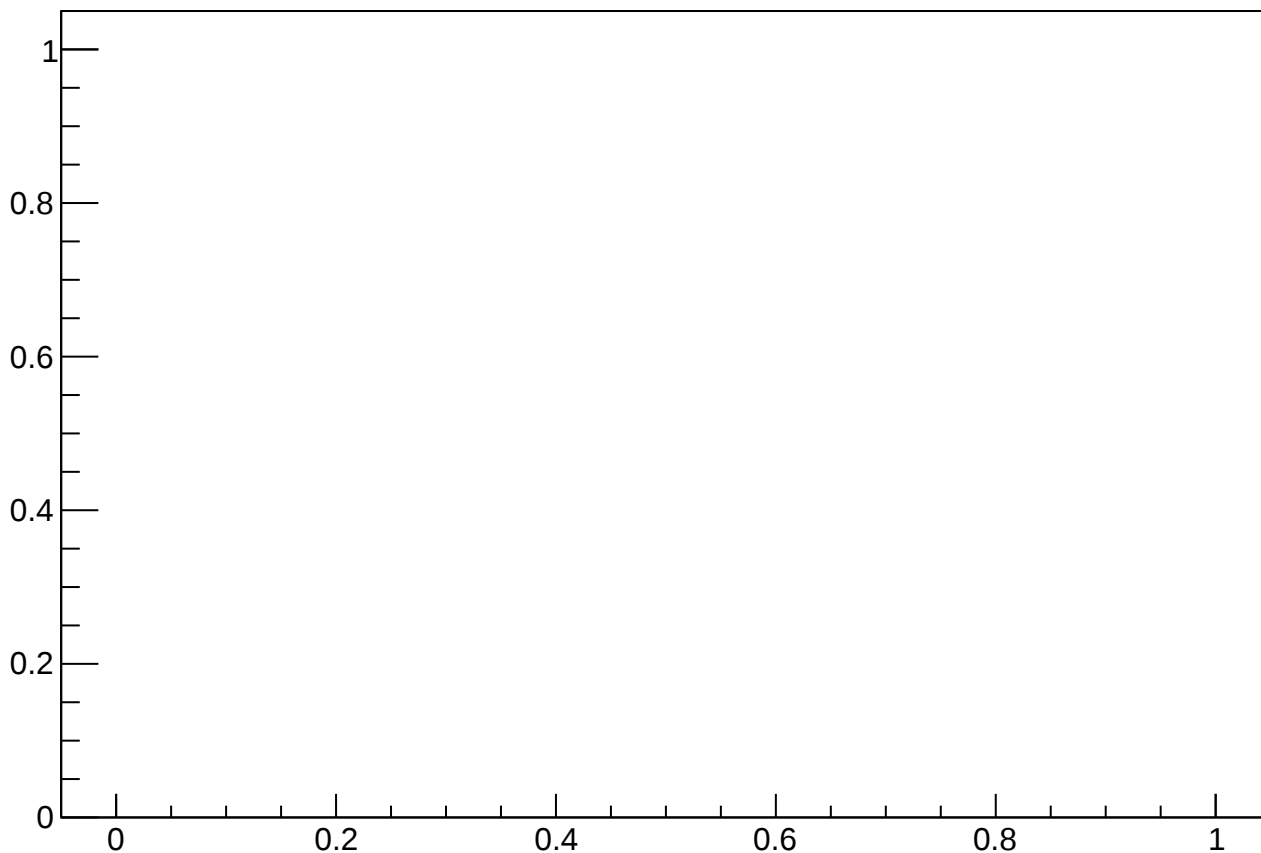
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

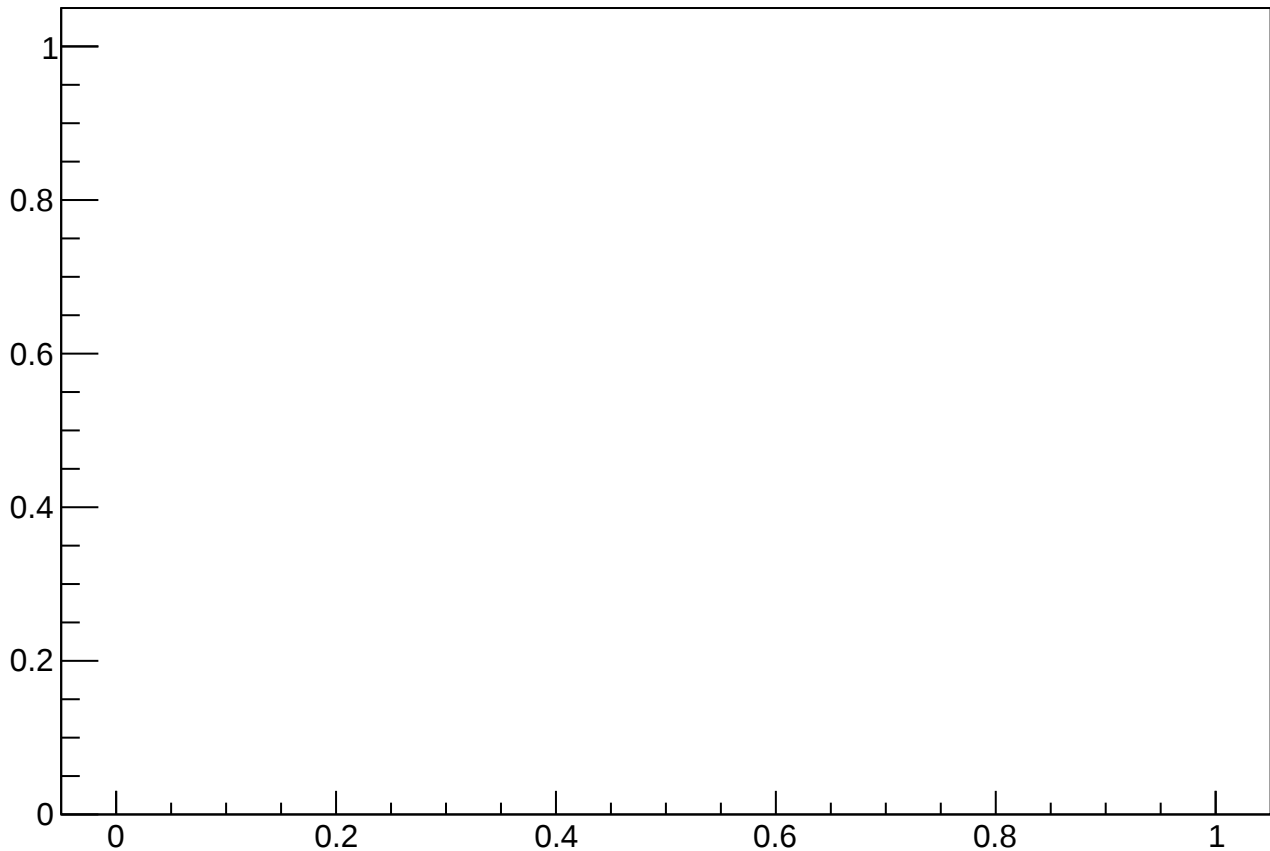
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

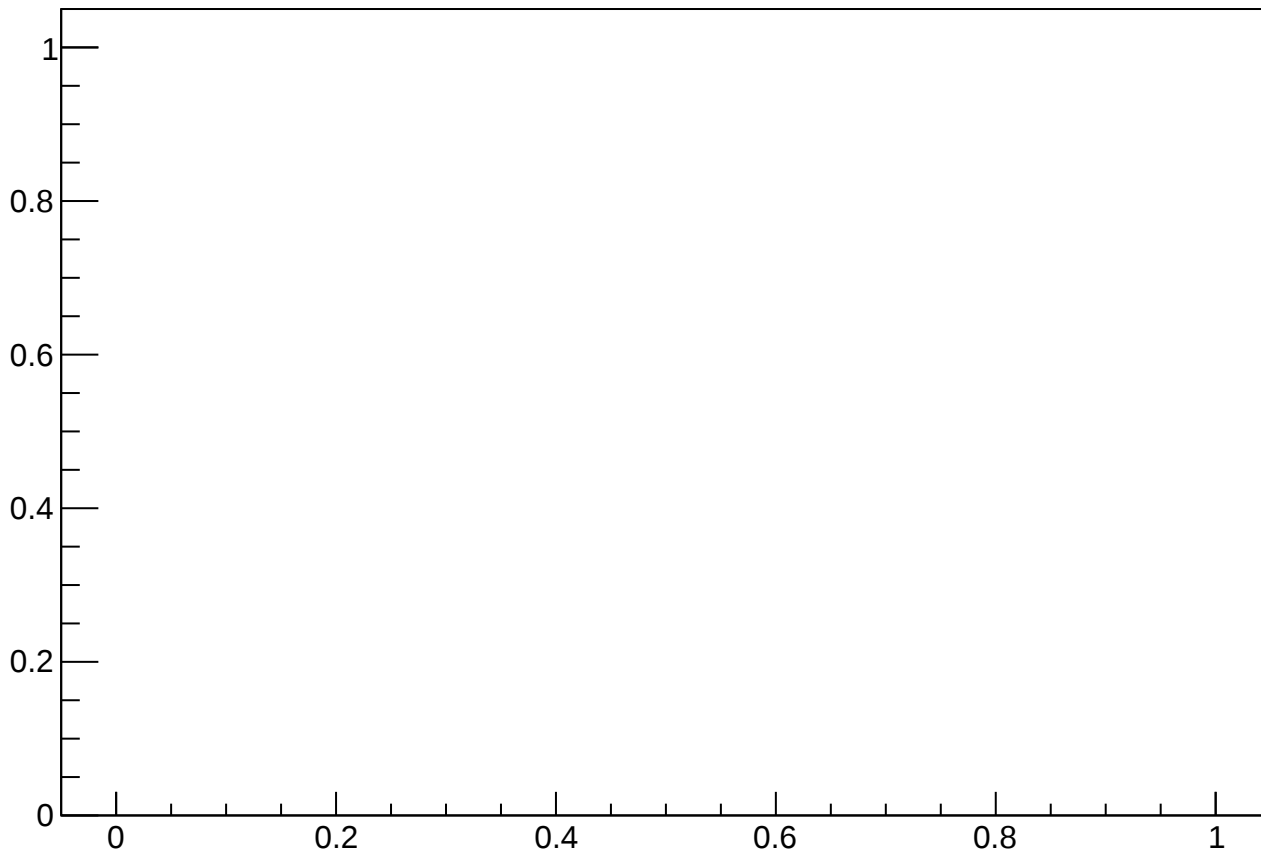
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

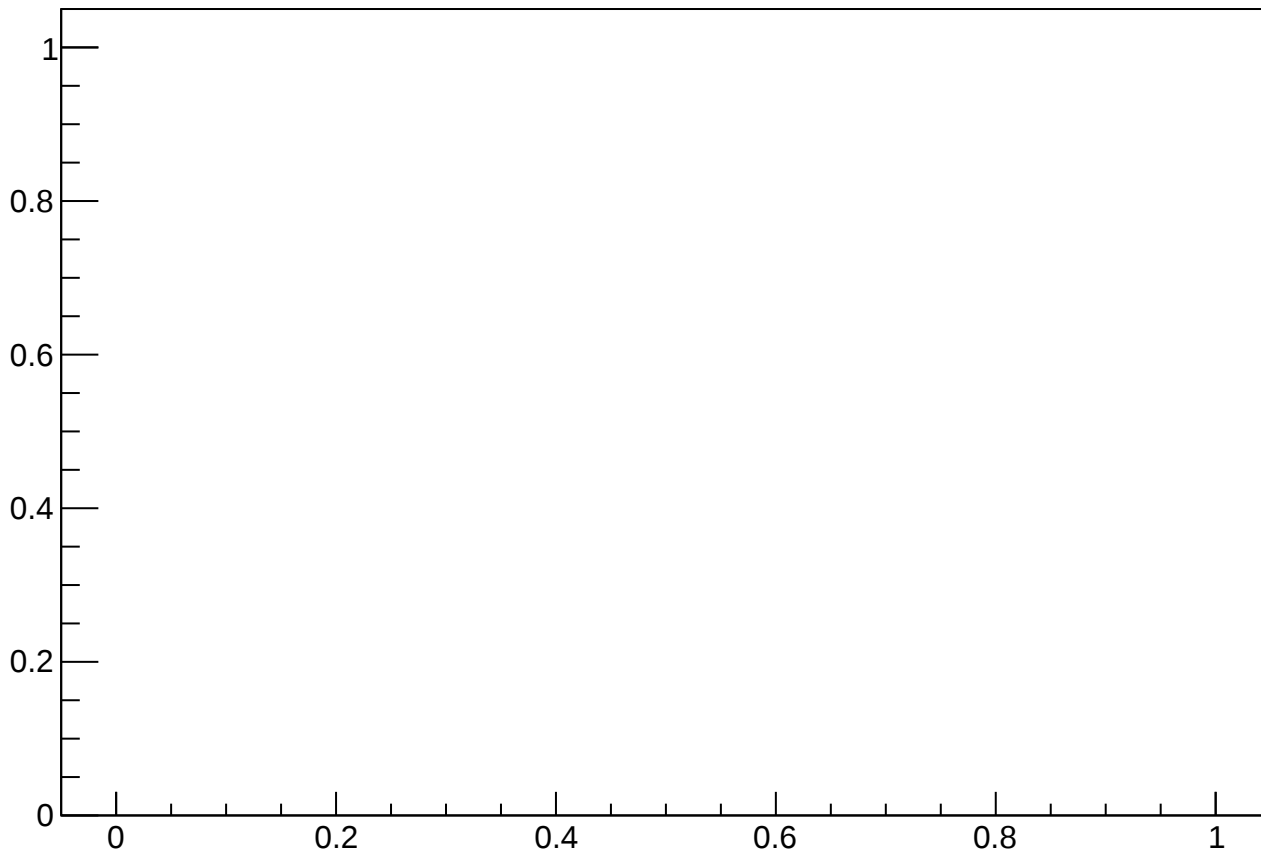
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

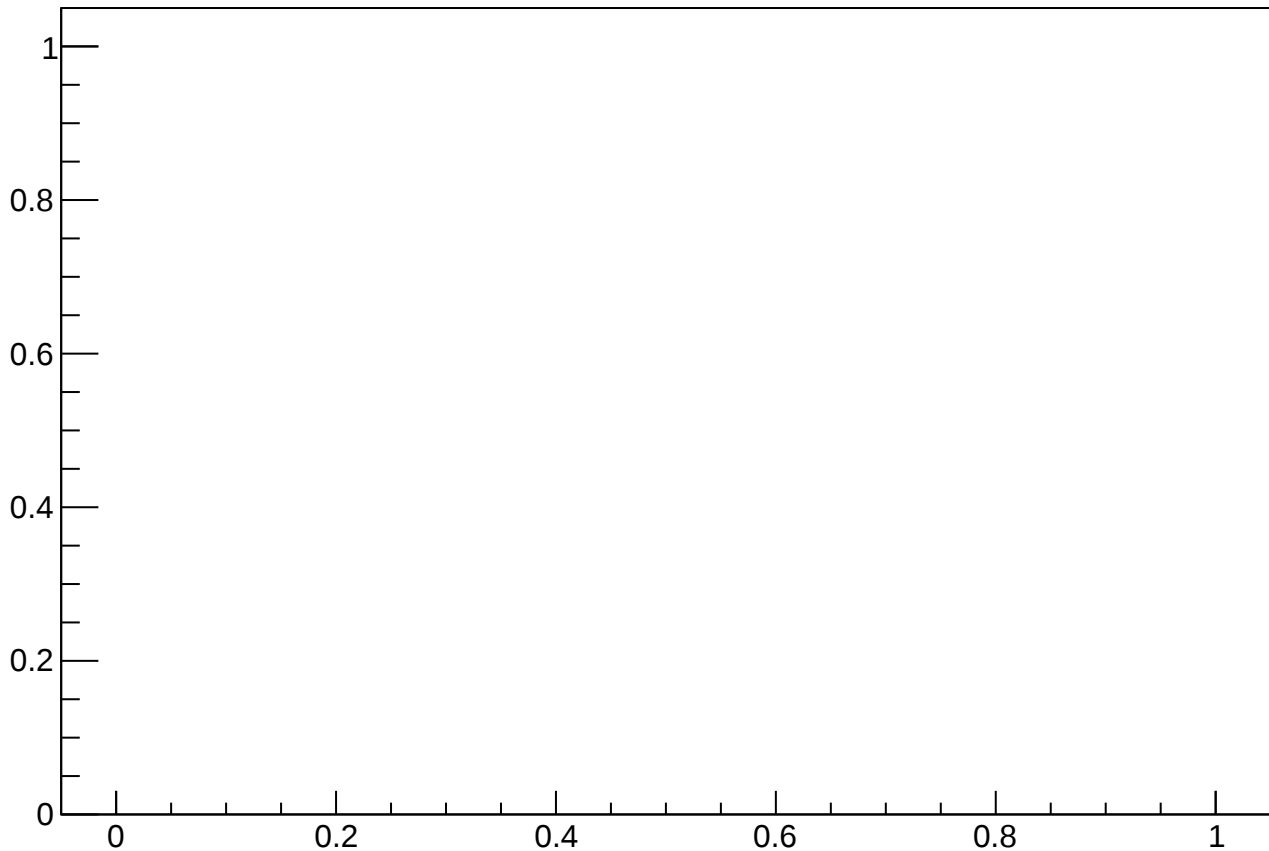
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

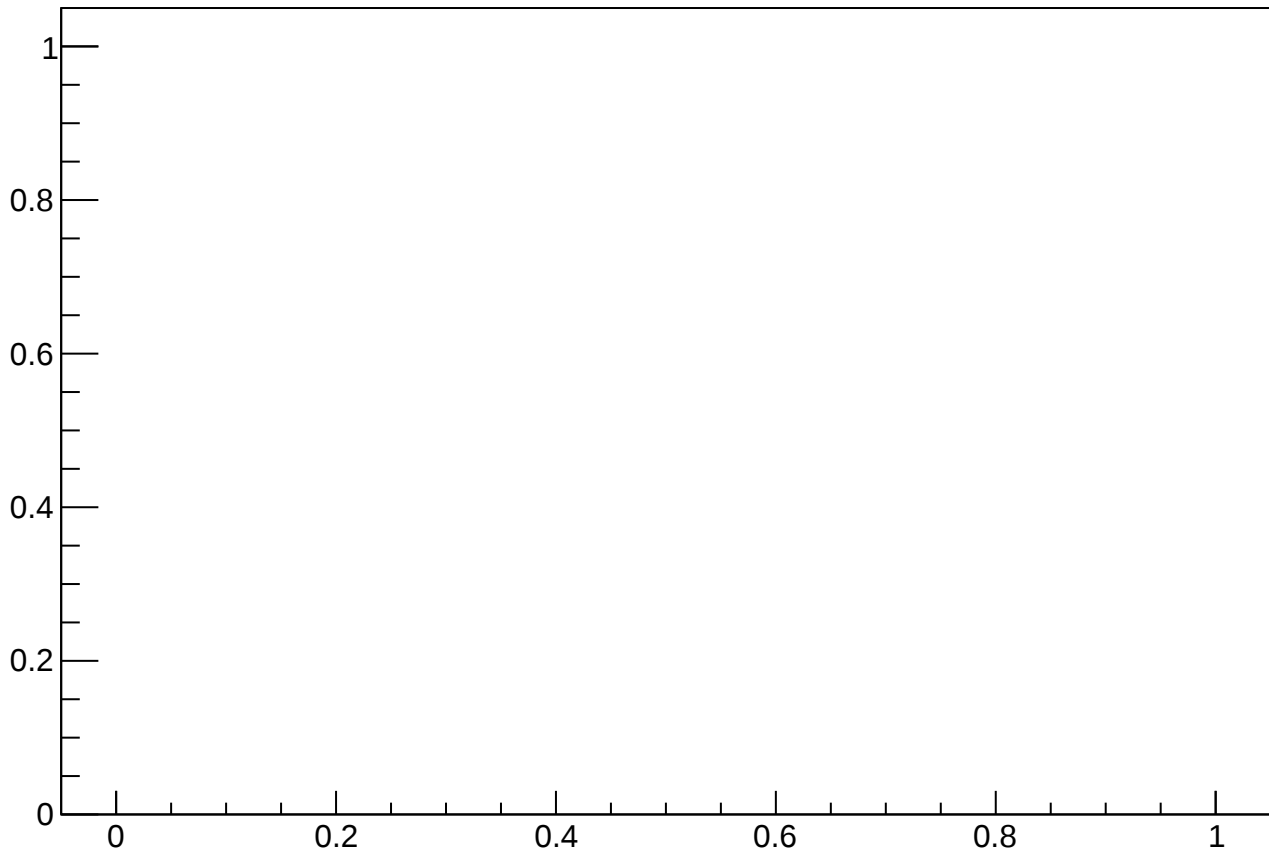
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

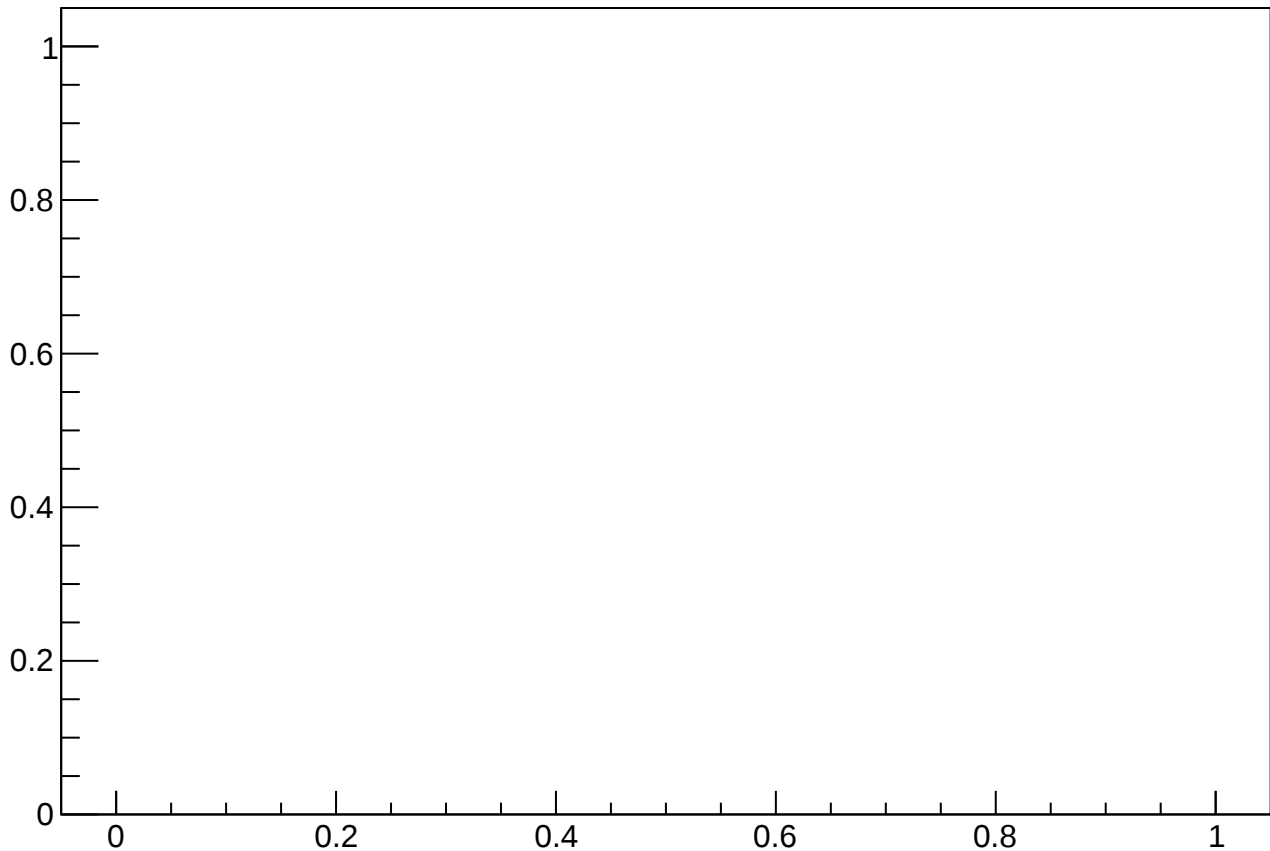
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

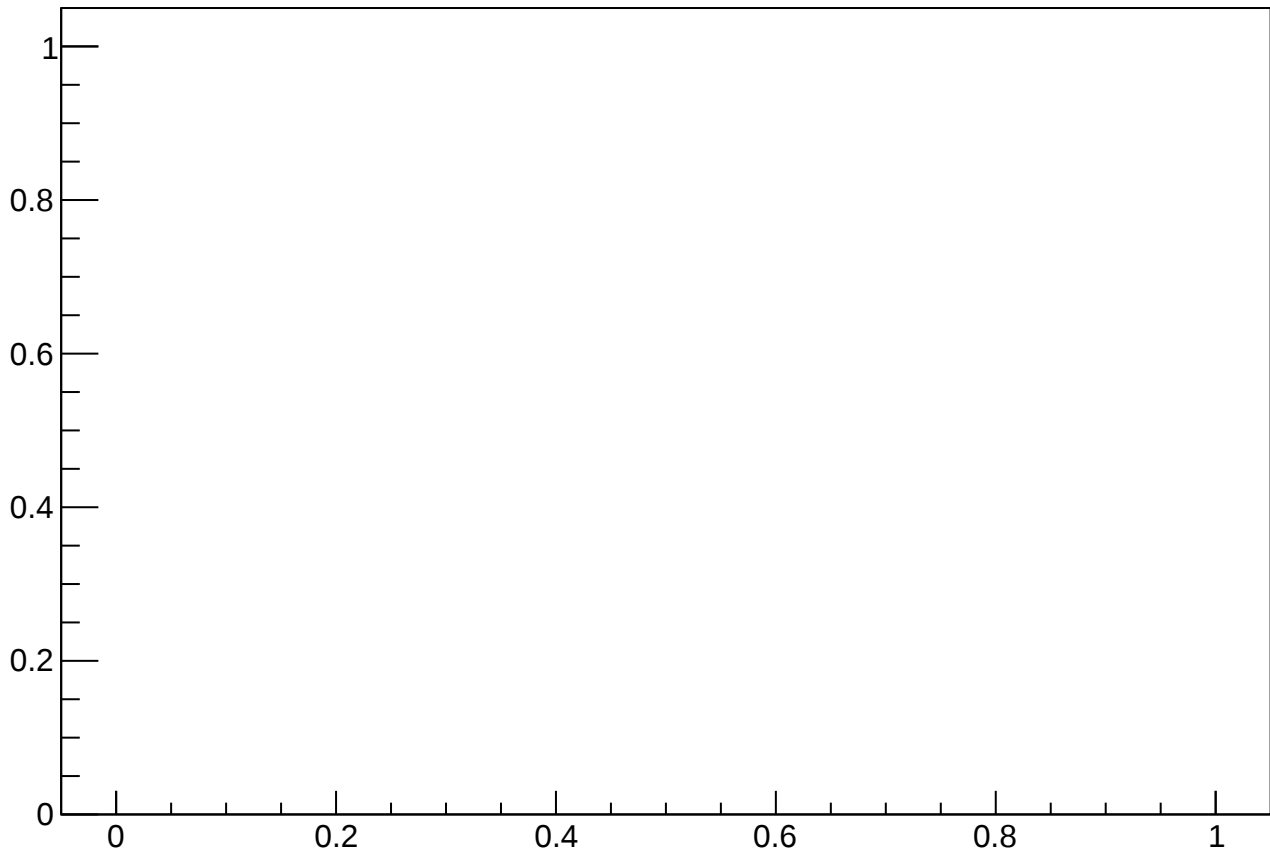
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

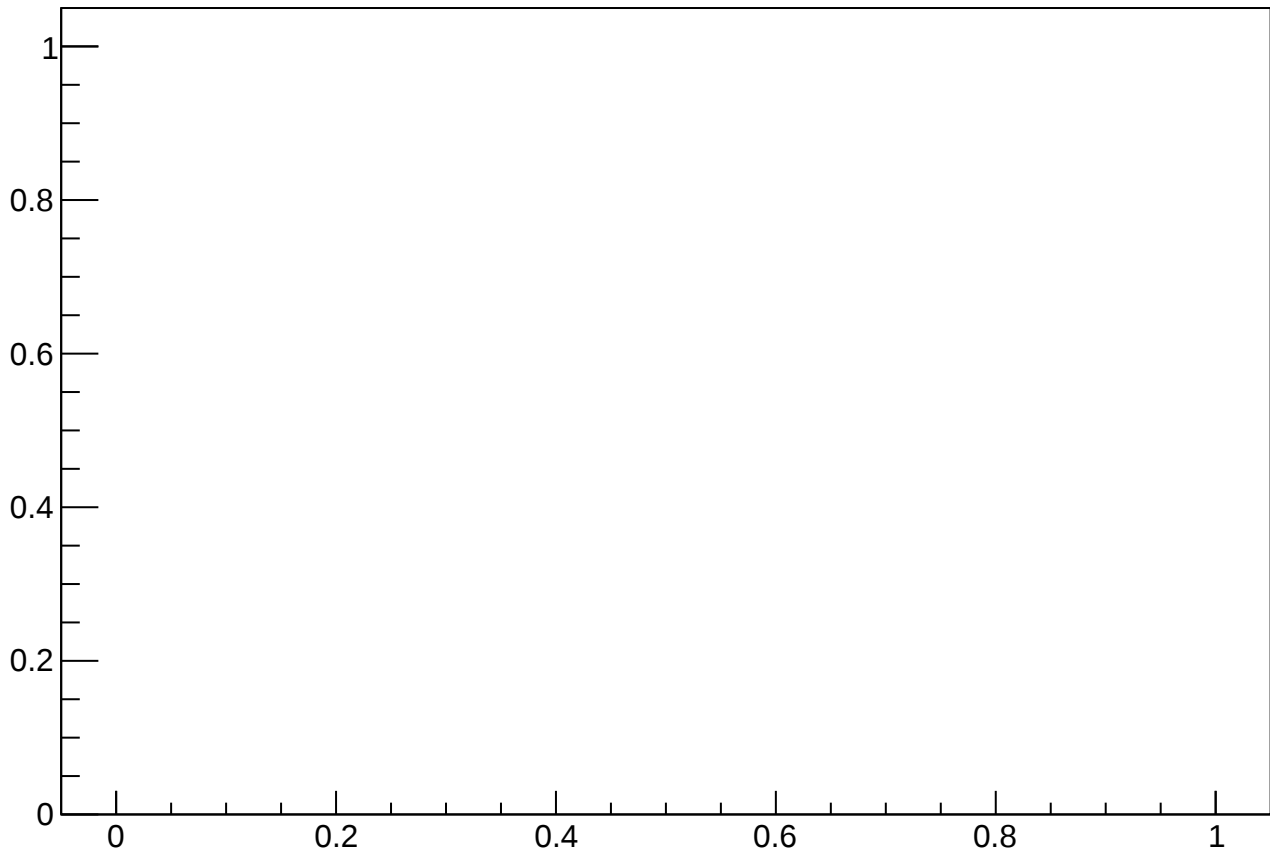
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

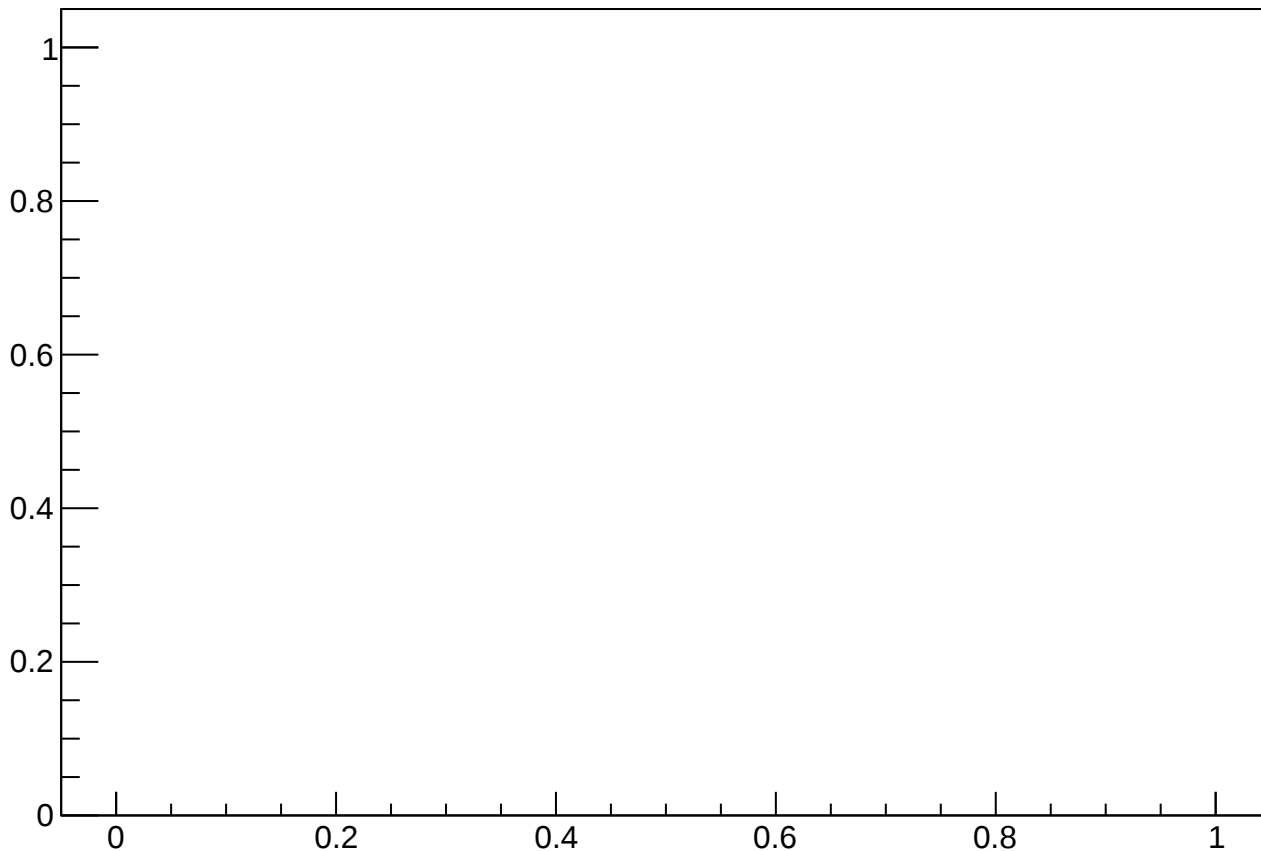
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

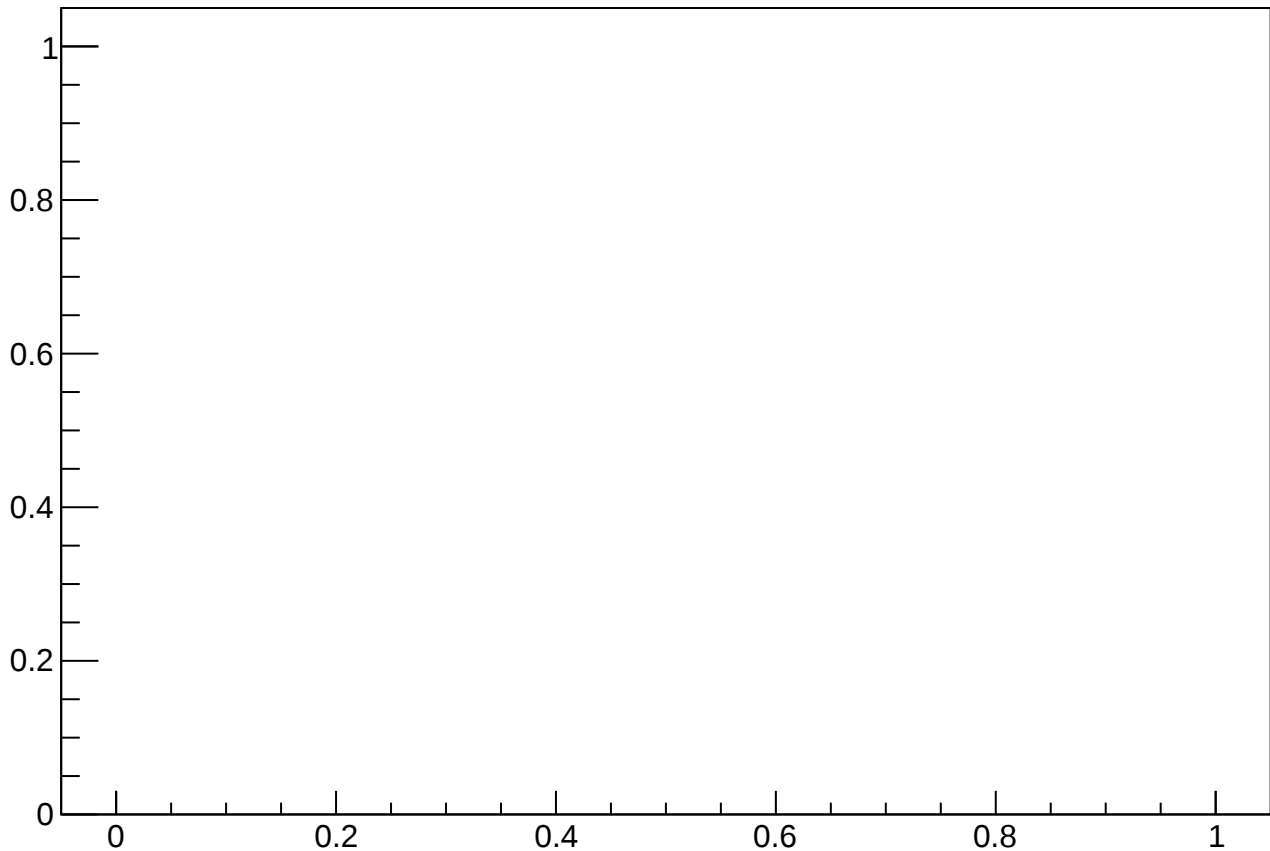
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

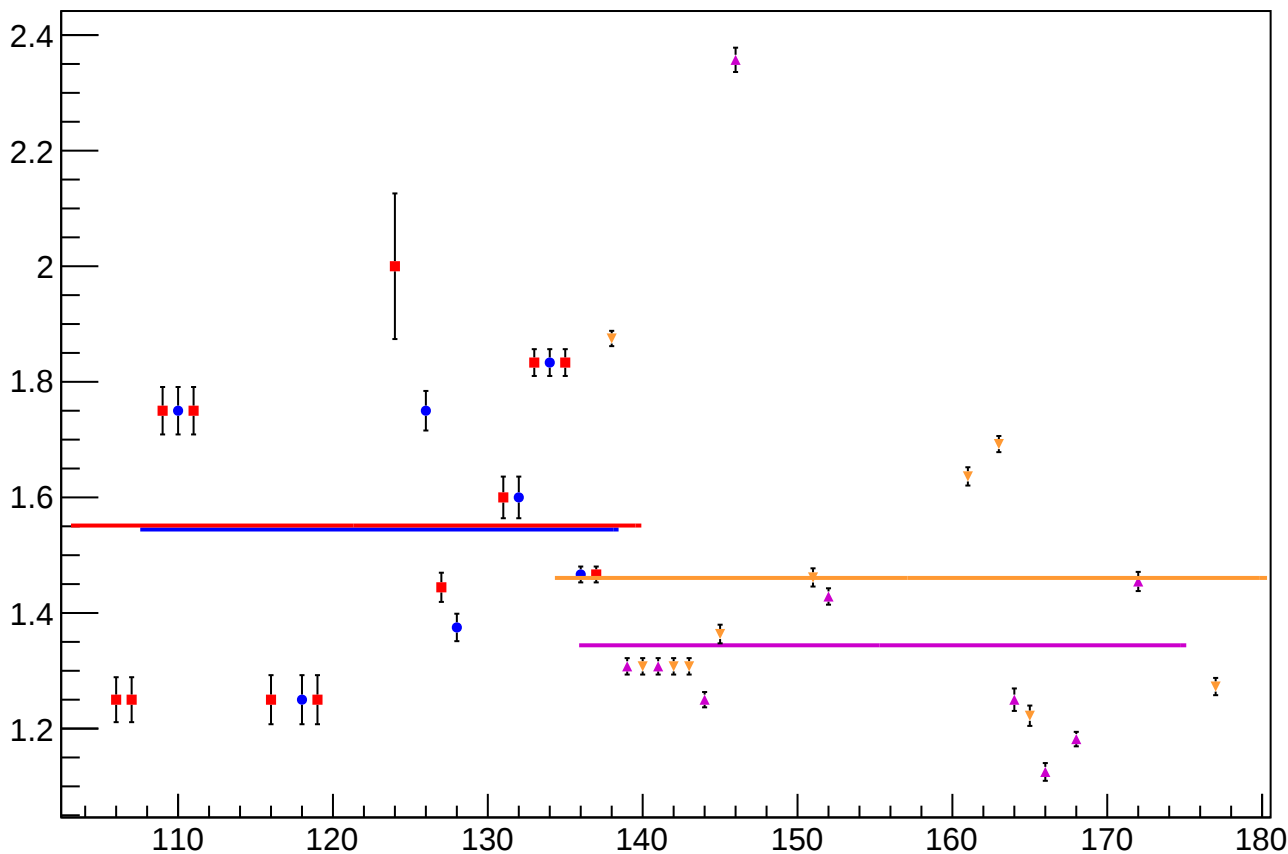
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.461 $\pm$ 0.005 χ^2 /NDF: 2103.3/9

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.344 $\pm$ 0.005 χ^2 /NDF: 2852.1/8

Left: 1.406 $\pm$ 0.003 χ^2 /NDF: 5242.7/18

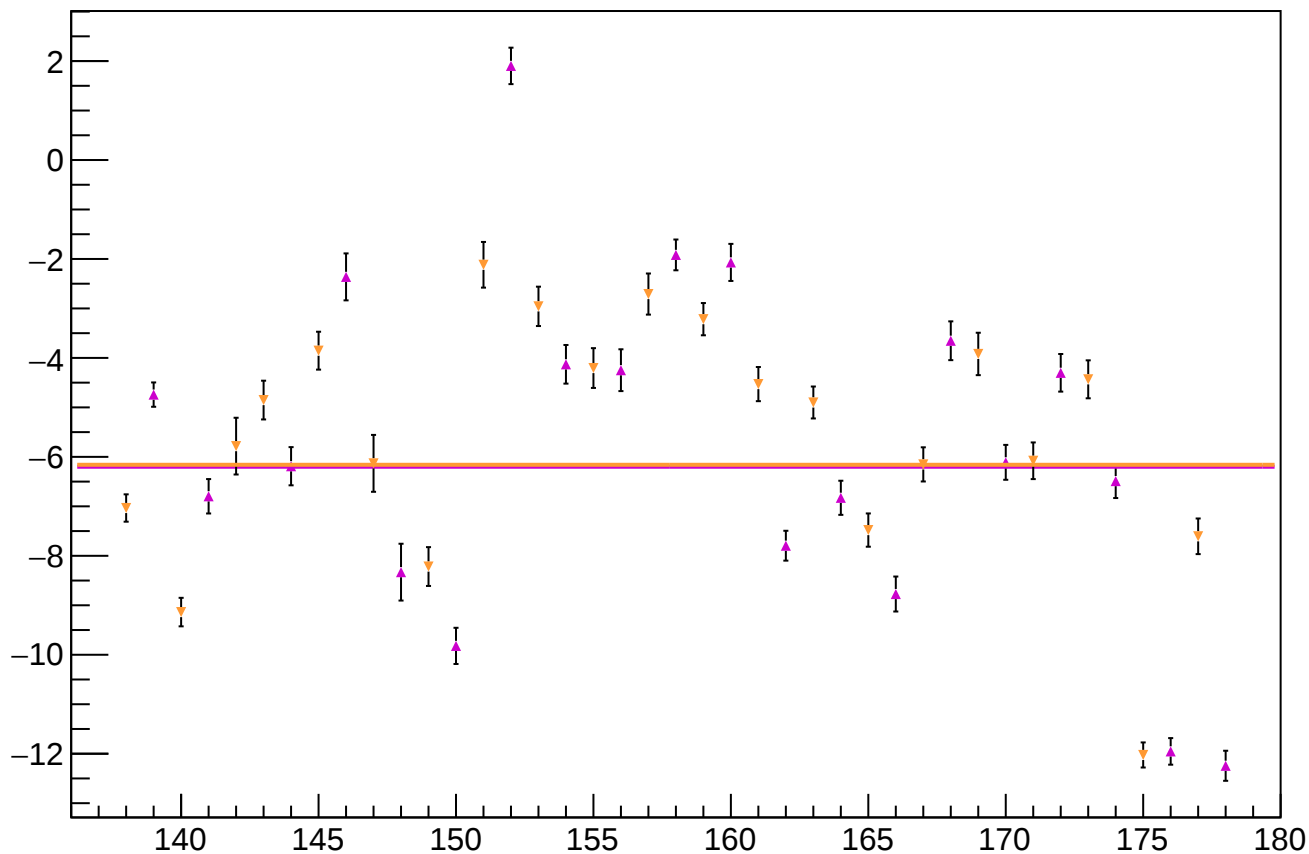
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.390 $\pm$ 0.004 χ^2 /NDF: 3564.8/15

Out: 1.483 $\pm$ 0.004 χ^2 /NDF: 2829.6/21

All: 1.440 $\pm$ 0.003 χ^2 /NDF: 6637.2/37

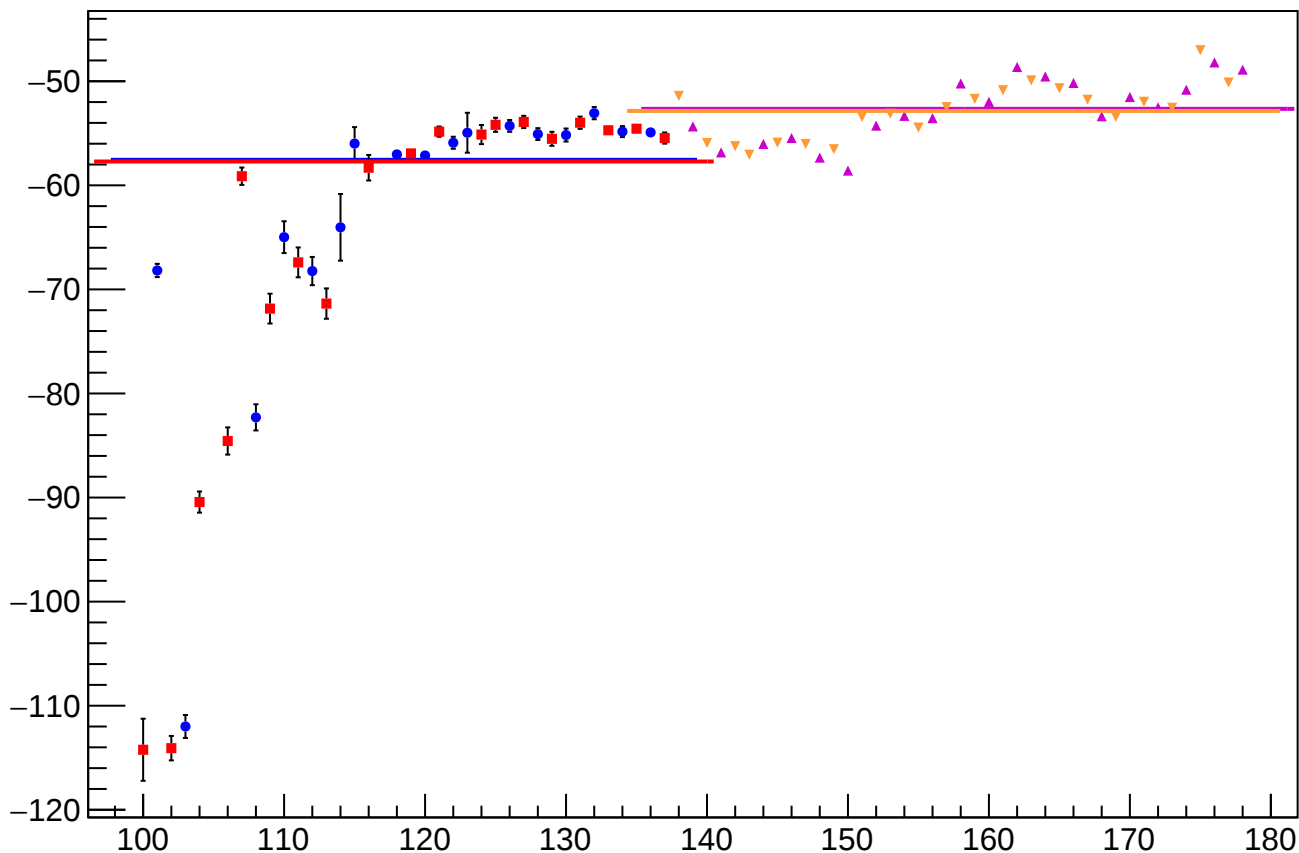
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.160+/-0.079 χ^2/NDF :1160.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.200+/-0.078 χ^2/NDF :2066.1/19

Left: -6.180+/-0.055 χ^2/NDF : 3226.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.200+/-0.078 χ^2/NDF :2066.1/19
 Out: -6.160+/-0.079 χ^2/NDF :1160.4/20
 All: -6.180+/-0.055 χ^2/NDF : 3226.6/40

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -52.850 ± 0.060 χ^2/NDF : 1936.0/20

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -52.651 ± 0.062 χ^2/NDF : 2543.0/19

Left: -52.752 ± 0.043 χ^2/NDF : 4484.3/40

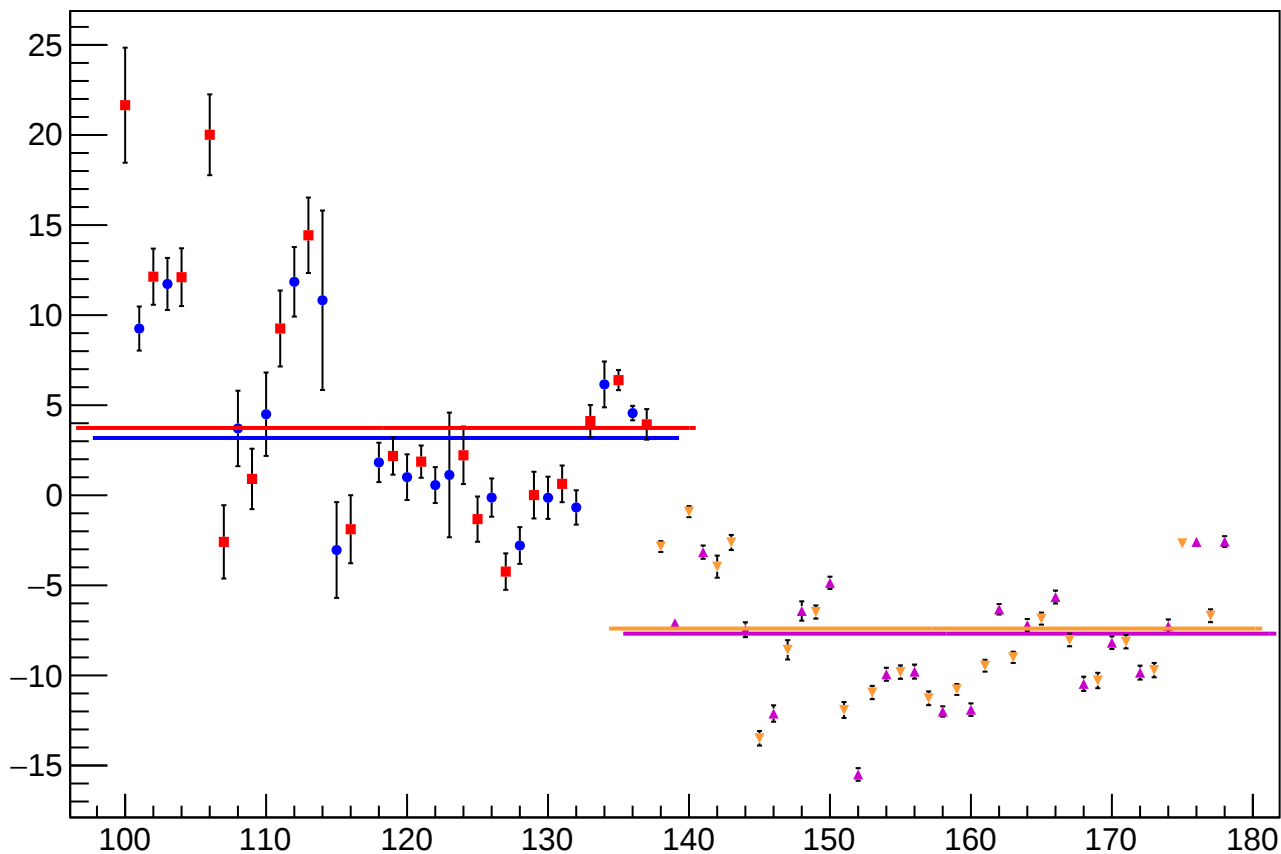
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -53.436 ± 0.057 χ^2/NDF : 7008.3/36

Out: -53.590 ± 0.056 χ^2/NDF : 7622.8/39

All: -53.514 ± 0.040 χ^2/NDF : 14634.8/76

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.398 ± 0.078 χ^2/NDF : 2052.5/20

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -7.681 ± 0.077 χ^2/NDF : 2048.6/19

Left: -7.542 ± 0.055 χ^2/NDF : 4107.8/40

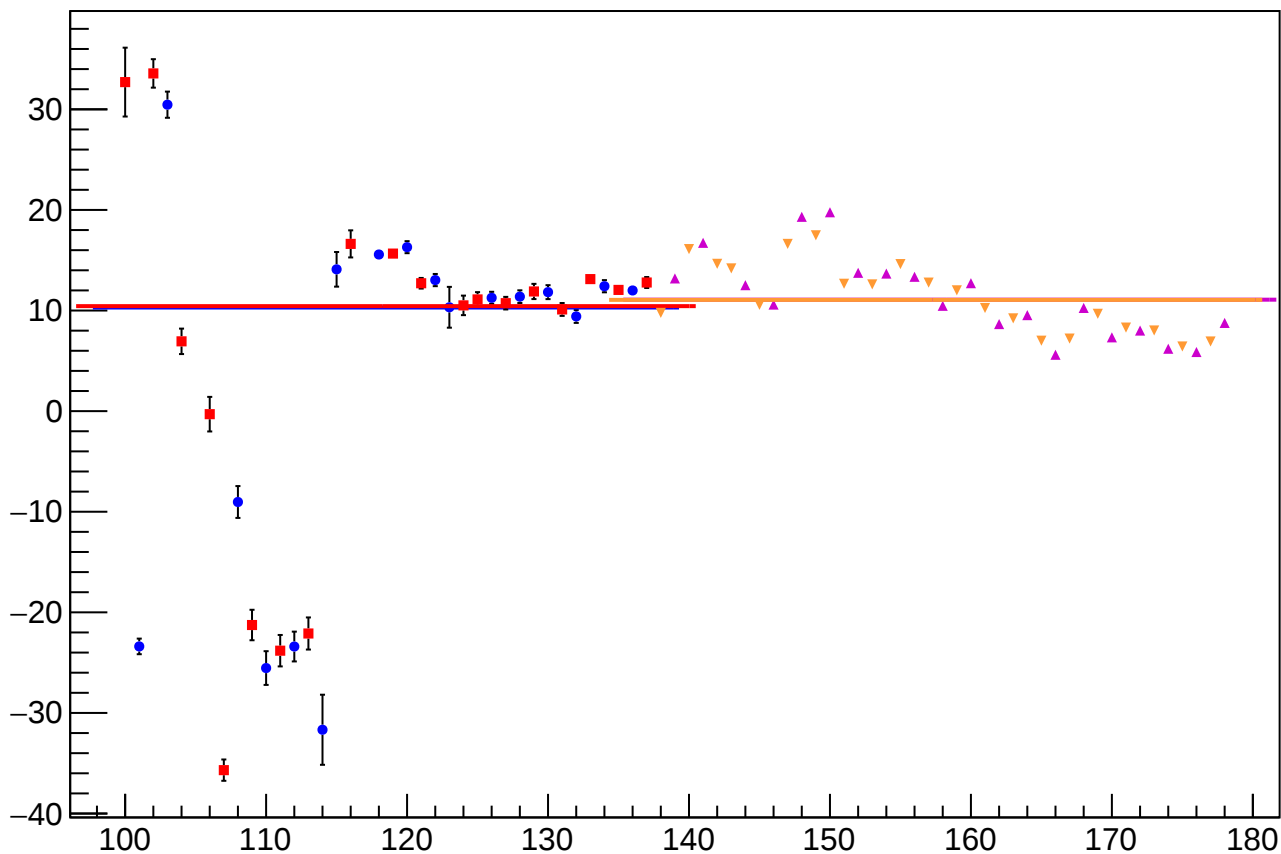
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -6.792 ± 0.074 χ^2/NDF : 3861.3/36

Out: -6.517 ± 0.075 χ^2/NDF : 3976.1/39

All: -6.656 ± 0.053 χ^2/NDF : 7844.2/76

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 11.059+/-0.068 χ^2/NDF : 2376.8/20

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 11.079+/-0.069 χ^2/NDF : 3269.1/19

Left: 11.069+/-0.048 χ^2/NDF : 5646.0/40

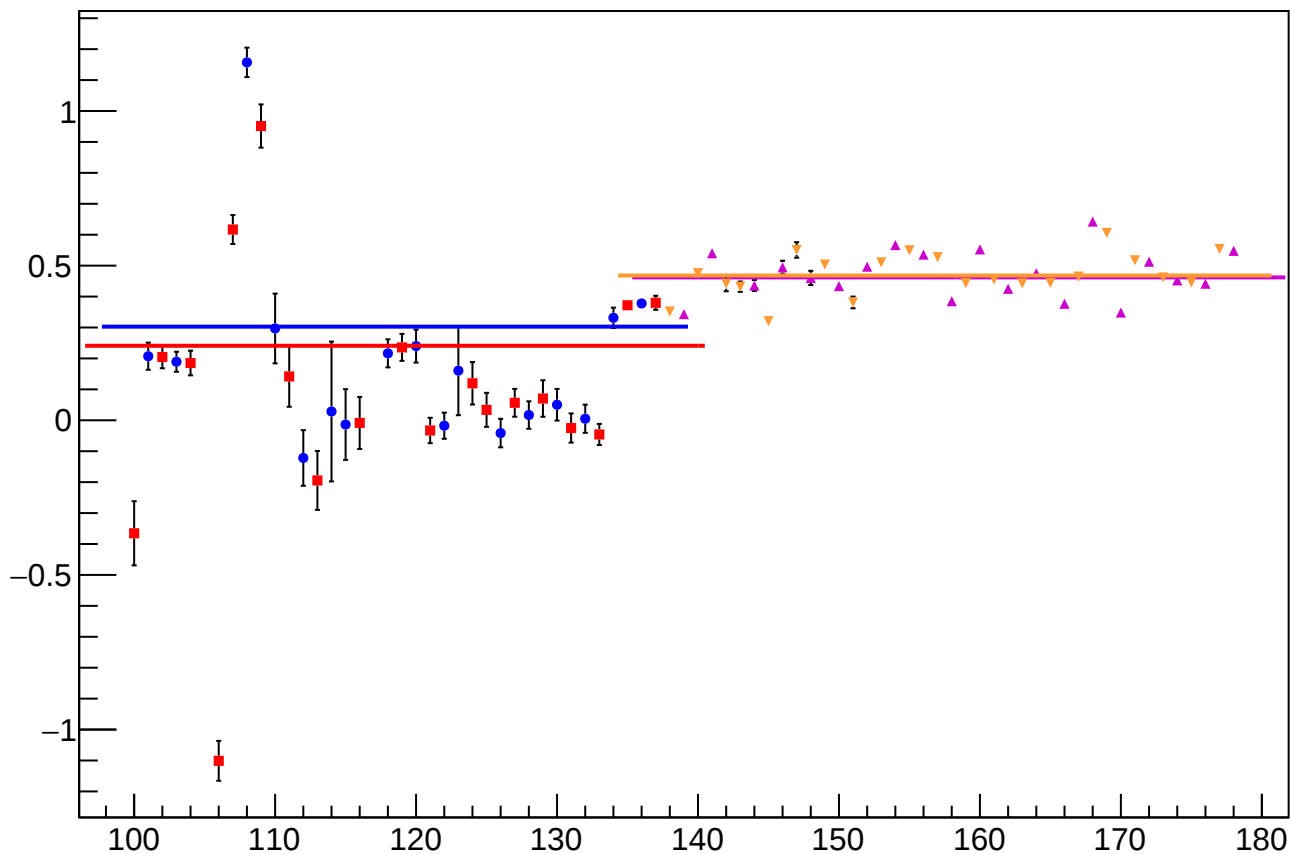
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 10.954+/-0.063 χ^2/NDF : 6989.1/36

Out: 10.964+/-0.063 χ^2/NDF : 6218.5/39

All: 10.959+/-0.044 χ^2/NDF : 13207.6/76

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: 0.468 $\pm$ 0.003 χ^2 /NDF:446.8/20

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.462 $\pm$ 0.003 χ^2 /NDF:724.6/19

Left: 0.465 $\pm$ 0.002 χ^2 /NDF: 1173.4/40

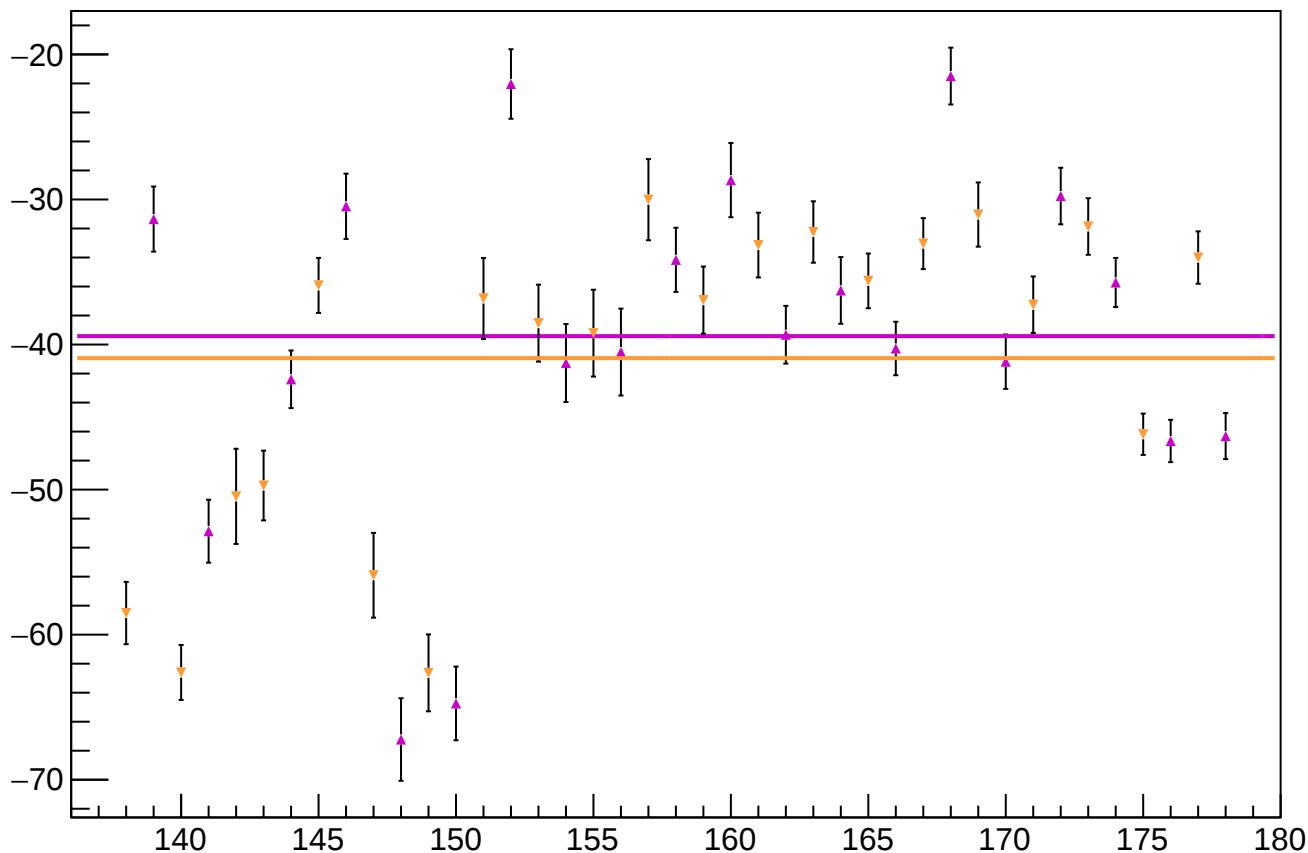
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.443 $\pm$ 0.003 χ^2 /NDF:1704.1/36

Out: 0.442 $\pm$ 0.003 χ^2 /NDF:2069.7/39

All: 0.443 $\pm$ 0.002 χ^2 /NDF: 3773.8/76

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -40.937+/-0.469 χ^2/NDF : 471.9/20

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

Left In: -39.418+/-0.462 χ^2/NDF : 500.3/19

Left: -40.167+/-0.329 χ^2/NDF : 977.5/40

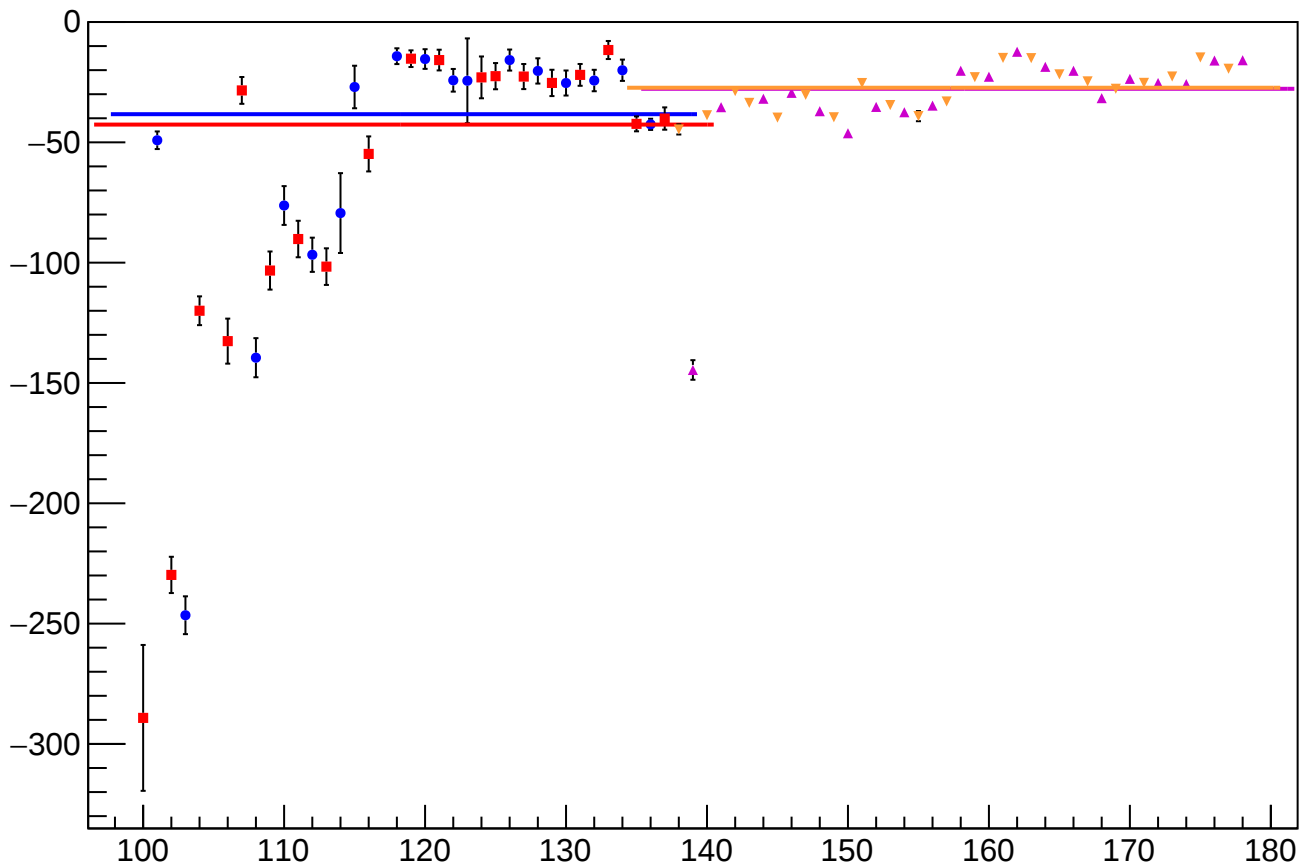
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.418+/-0.462 χ^2/NDF : 500.3/19

Out: -40.937+/-0.469 χ^2/NDF : 471.9/20

All: -40.167+/-0.329 χ^2/NDF : 977.5/40

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: -27.313 ± 0.354 $\chi^2/\text{NDF}: 584.6/20$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -27.751 ± 0.357 $\chi^2/\text{NDF}: 1409.7/19$

Left: -27.530 ± 0.251 $\chi^2/\text{NDF}: 1995.0/40$

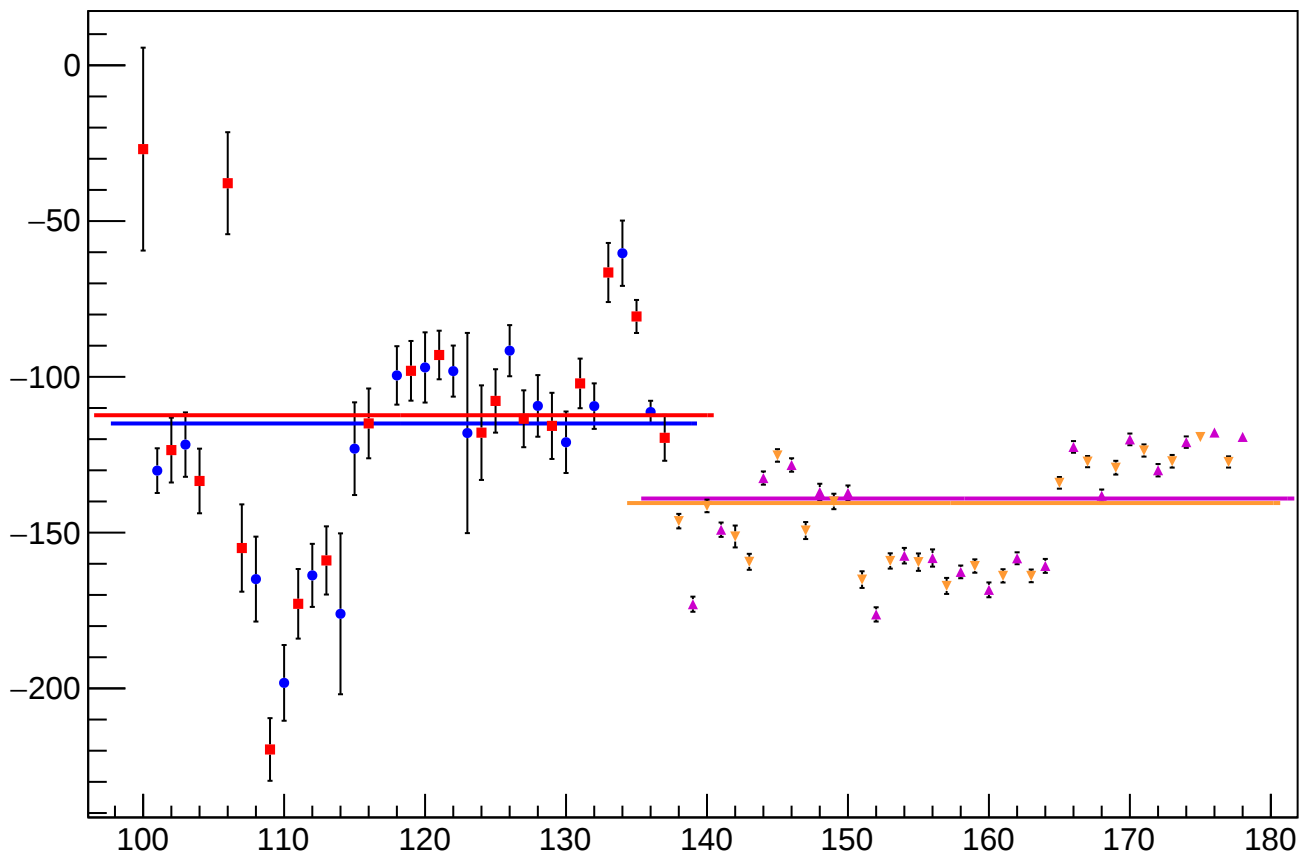
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -28.699 ± 0.341 $\chi^2/\text{NDF}: 2620.7/36$

Out: -28.521 ± 0.339 $\chi^2/\text{NDF}: 2076.8/39$

All: -28.609 ± 0.241 $\chi^2/\text{NDF}: 4697.6/76$

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: -140.510 ± 0.468 $\chi^2/\text{NDF}: 1258.1/20$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -139.052 ± 0.460 $\chi^2/\text{NDF}: 1763.8/19$

Left: -139.768 ± 0.328 $\chi^2/\text{NDF}: 3026.8/40$

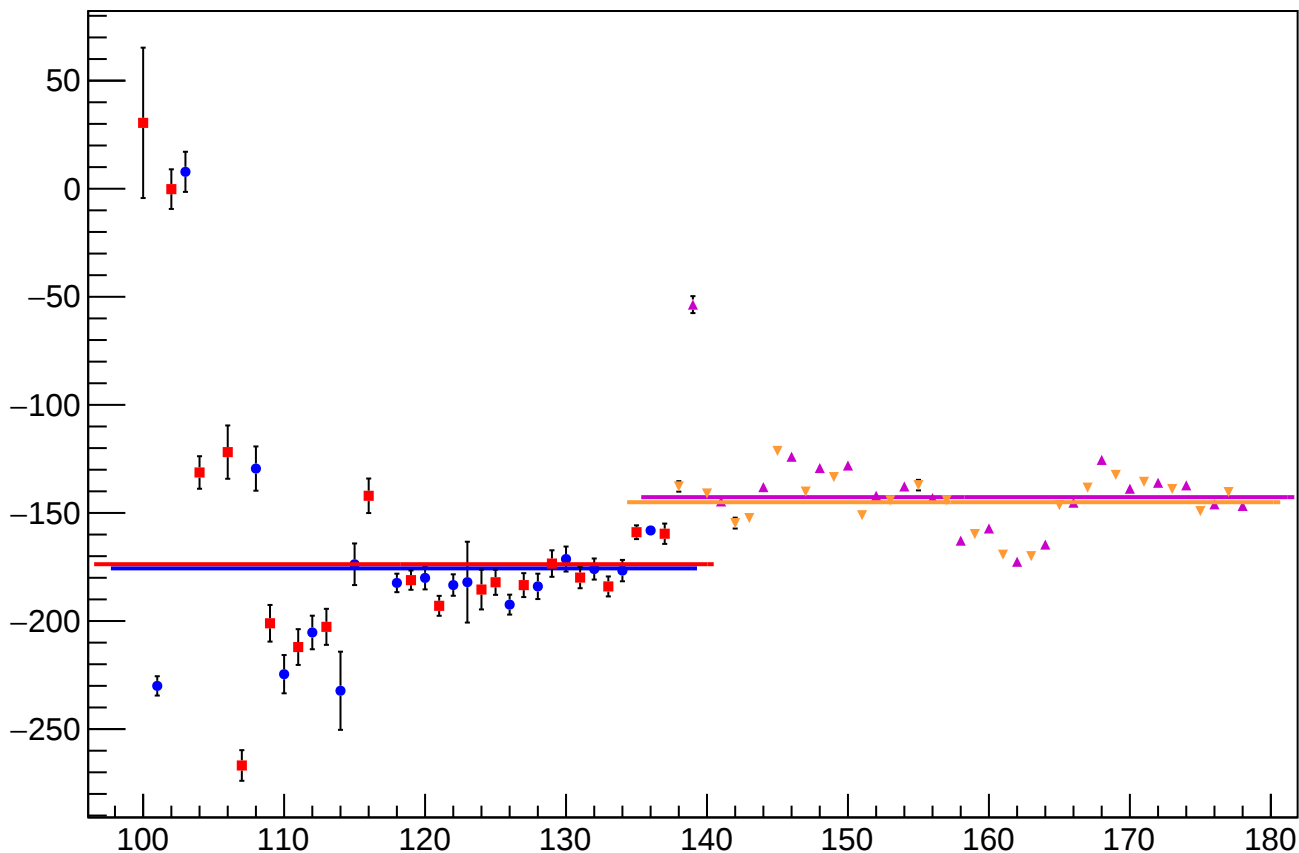
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -137.925 ± 0.449 $\chi^2/\text{NDF}: 2033.7/36$

Out: -139.296 ± 0.458 $\chi^2/\text{NDF}: 1688.5/39$

All: -138.597 ± 0.320 $\chi^2/\text{NDF}: 3726.8/76$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 $\chi^2/\text{NDF}: 692.1/16$

Left Out: -145.035 ± 0.400 $\chi^2/\text{NDF}: 920.2/20$

Right Out: -173.714 ± 1.354 $\chi^2/\text{NDF}: 738.0/18$

Left In: -142.694 ± 0.402 $\chi^2/\text{NDF}: 1539.3/19$

Left: -143.870 ± 0.284 $\chi^2/\text{NDF}: 2476.5/40$

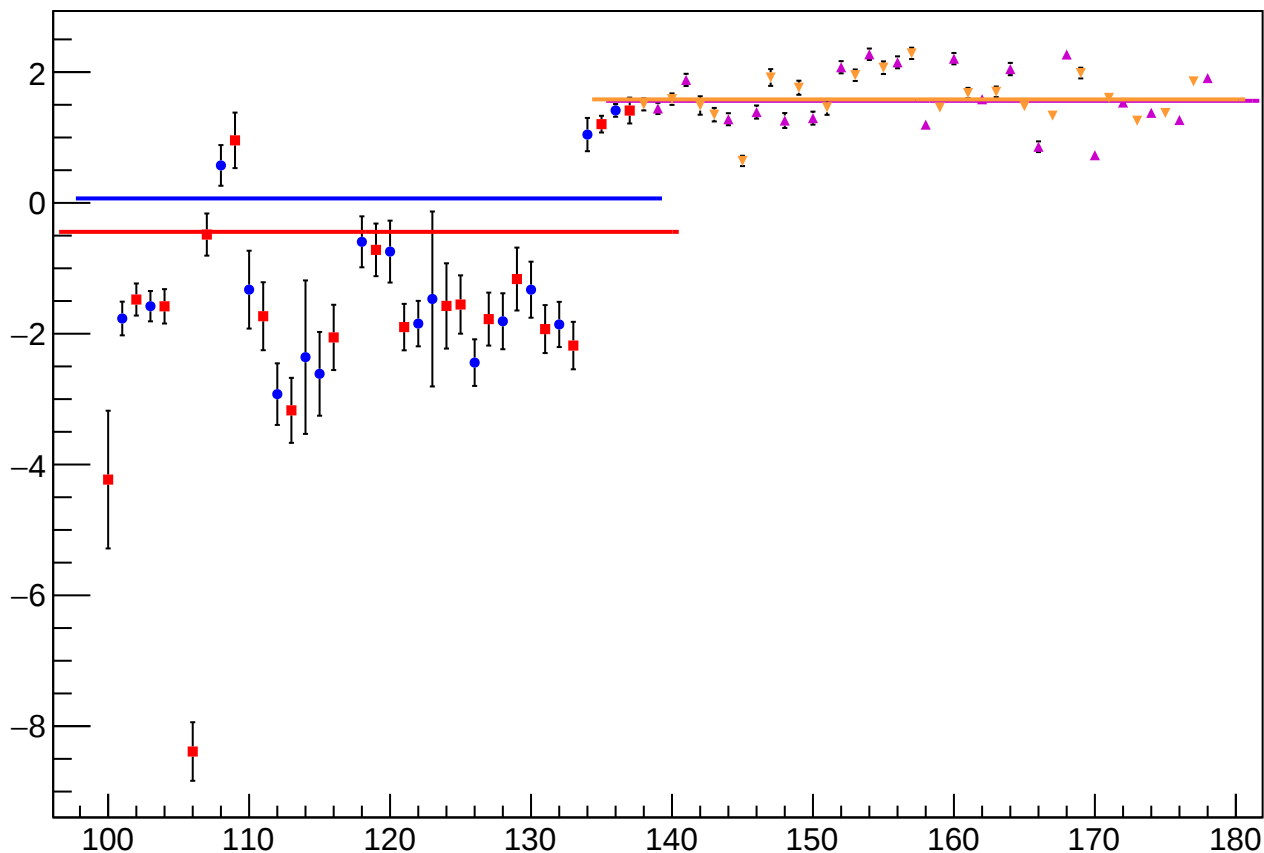
Right: -174.745 ± 0.926 $\chi^2/\text{NDF}: 1431.2/35$

In: -145.702 ± 0.383 $\chi^2/\text{NDF}: 2844.2/36$

Out: -147.341 ± 0.384 $\chi^2/\text{NDF}: 2070.7/39$

All: -146.520 ± 0.271 $\chi^2/\text{NDF}: 4924.0/76$

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.583 $\pm$ 0.018 χ^2 /NDF:355.1/20

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.561 $\pm$ 0.018 χ^2 /NDF:645.5/19

Left: 1.572 $\pm$ 0.013 χ^2 /NDF: 1001.3/40

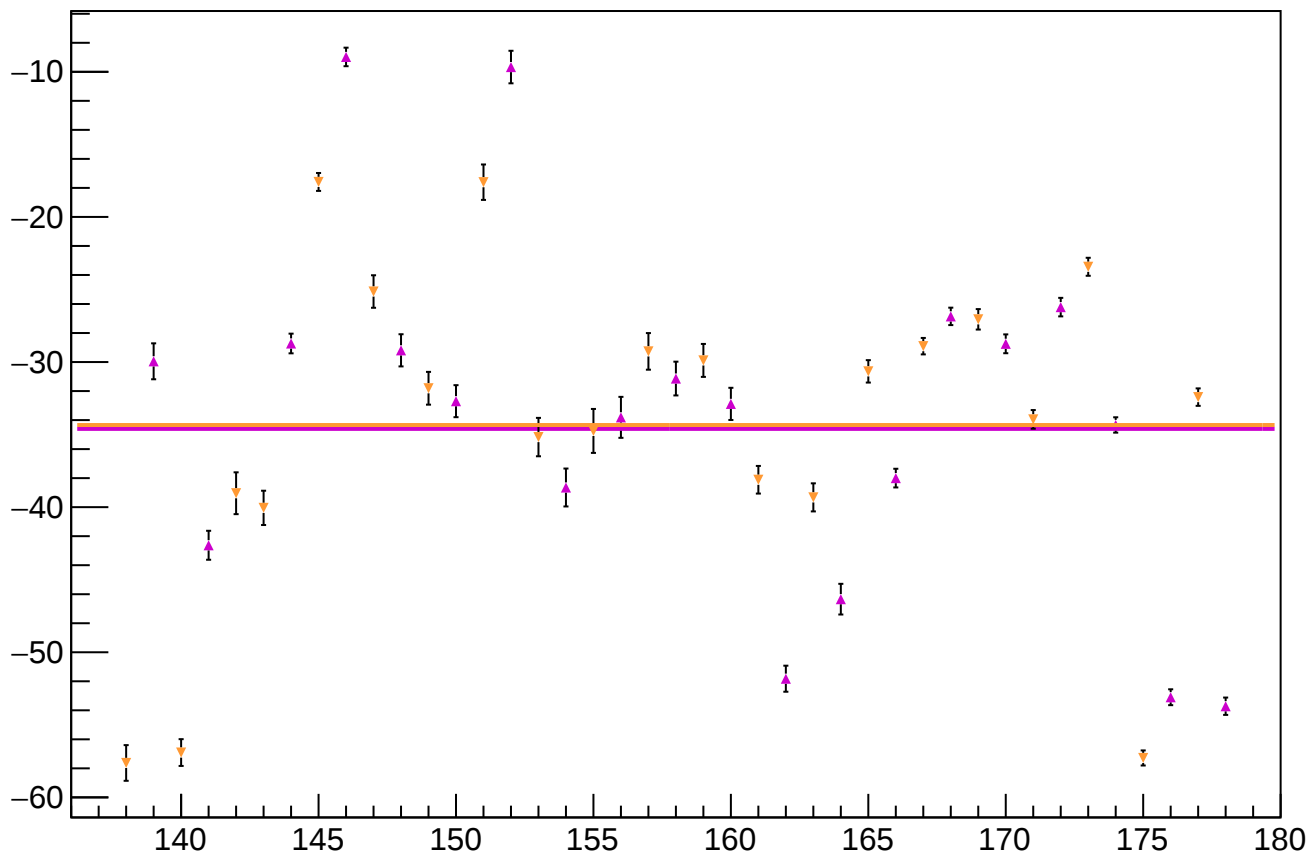
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.458 $\pm$ 0.018 χ^2 /NDF:1633.4/36

Out: 1.455 $\pm$ 0.018 χ^2 /NDF:1871.6/39

All: 1.457 $\pm$ 0.013 χ^2 /NDF: 3505.0/76

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -34.341+/-0.180 χ^2/NDF :4557.2/20

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

Left In: -34.606+/-0.173 χ^2/NDF :5416.4/19

Left: -34.478+/-0.125 χ^2/NDF : 9974.6/40

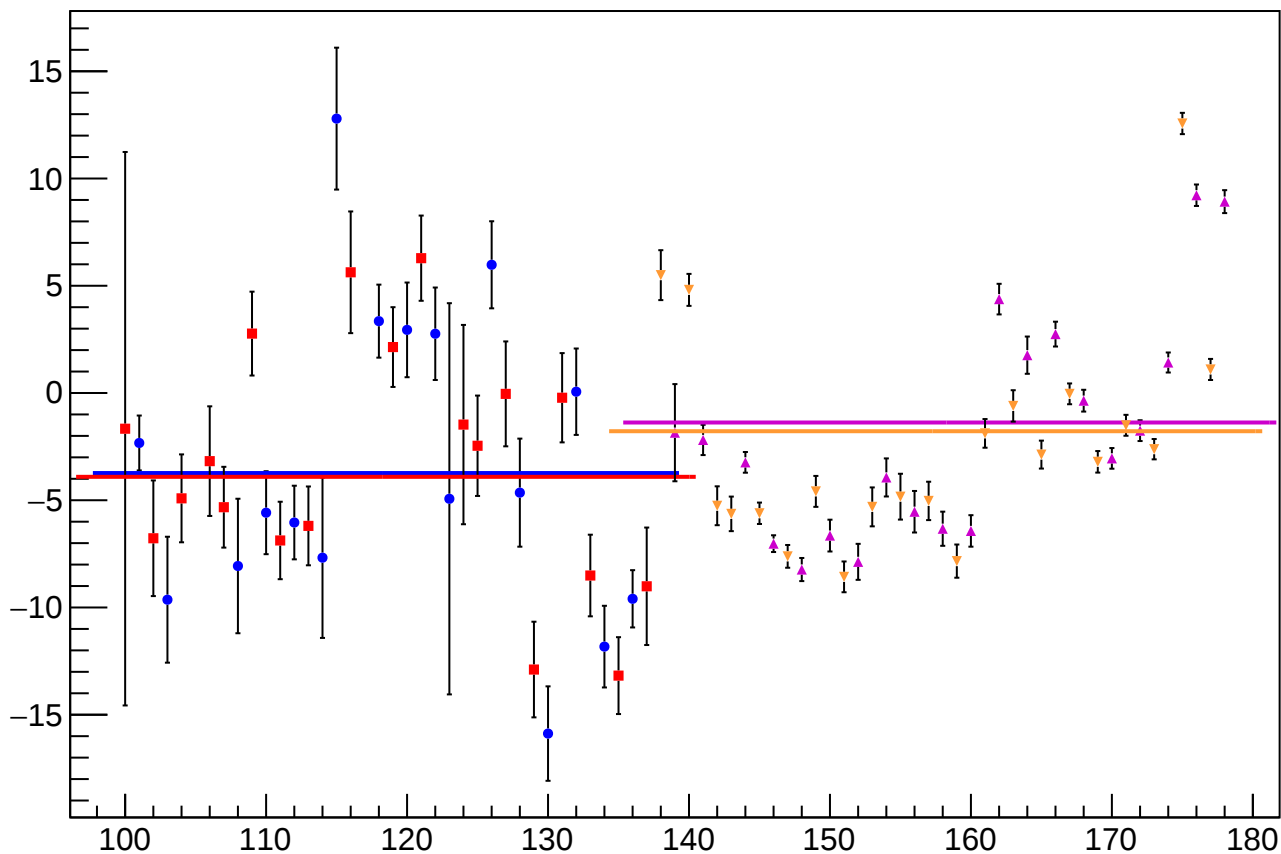
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.606+/-0.173 χ^2/NDF :5416.4/19

Out: -34.341+/-0.180 χ^2/NDF :4557.2/20

All: -34.478+/-0.125 χ^2/NDF : 9974.6/40

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -1.782 ± 0.137 χ^2/NDF : 1436.4/20

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -1.376 ± 0.133 χ^2/NDF : 1610.9/19

Left: -1.573 ± 0.096 χ^2/NDF : 3051.9/40

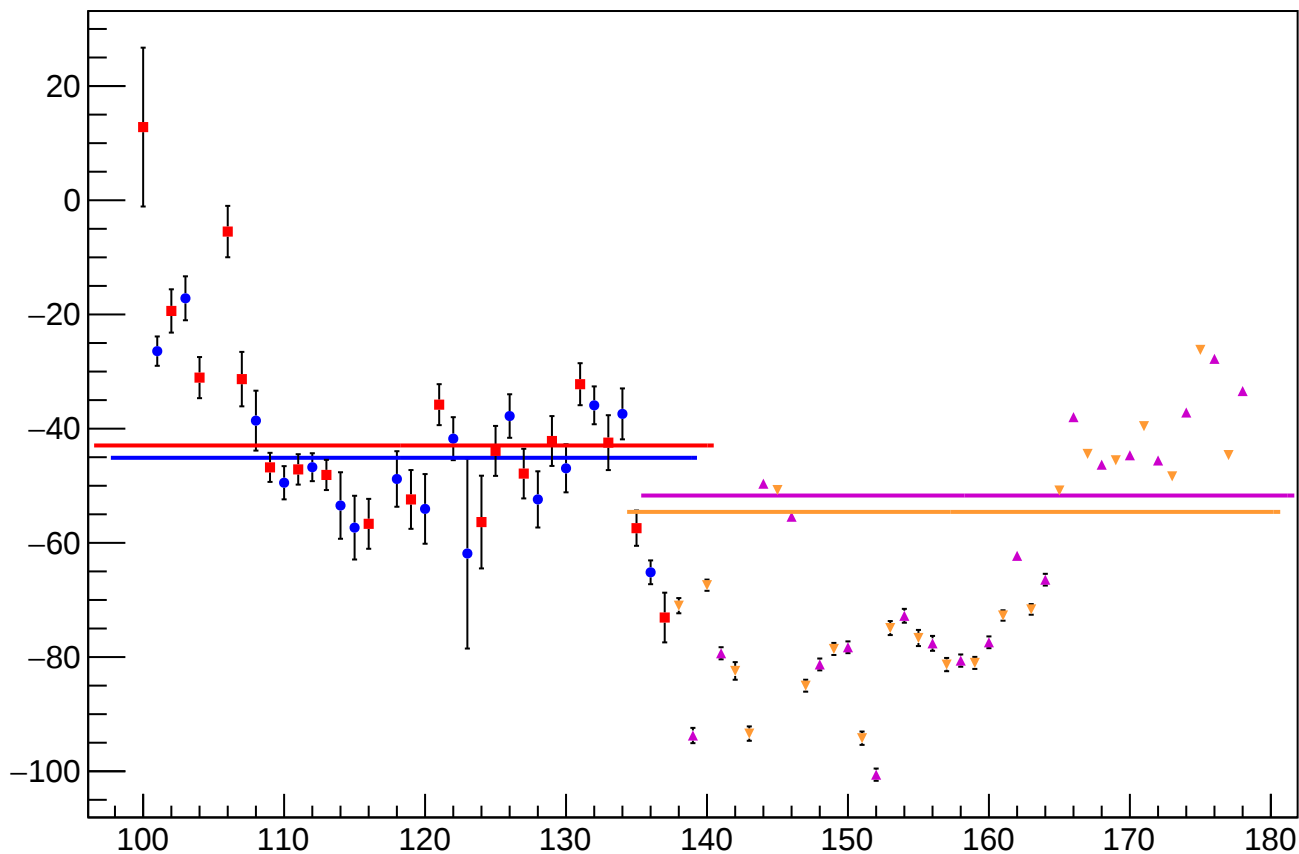
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -1.535 ± 0.129 χ^2/NDF : 1797.8/36

Out: -1.927 ± 0.132 χ^2/NDF : 1577.6/39

All: -1.725 ± 0.092 χ^2/NDF : 3380.0/76

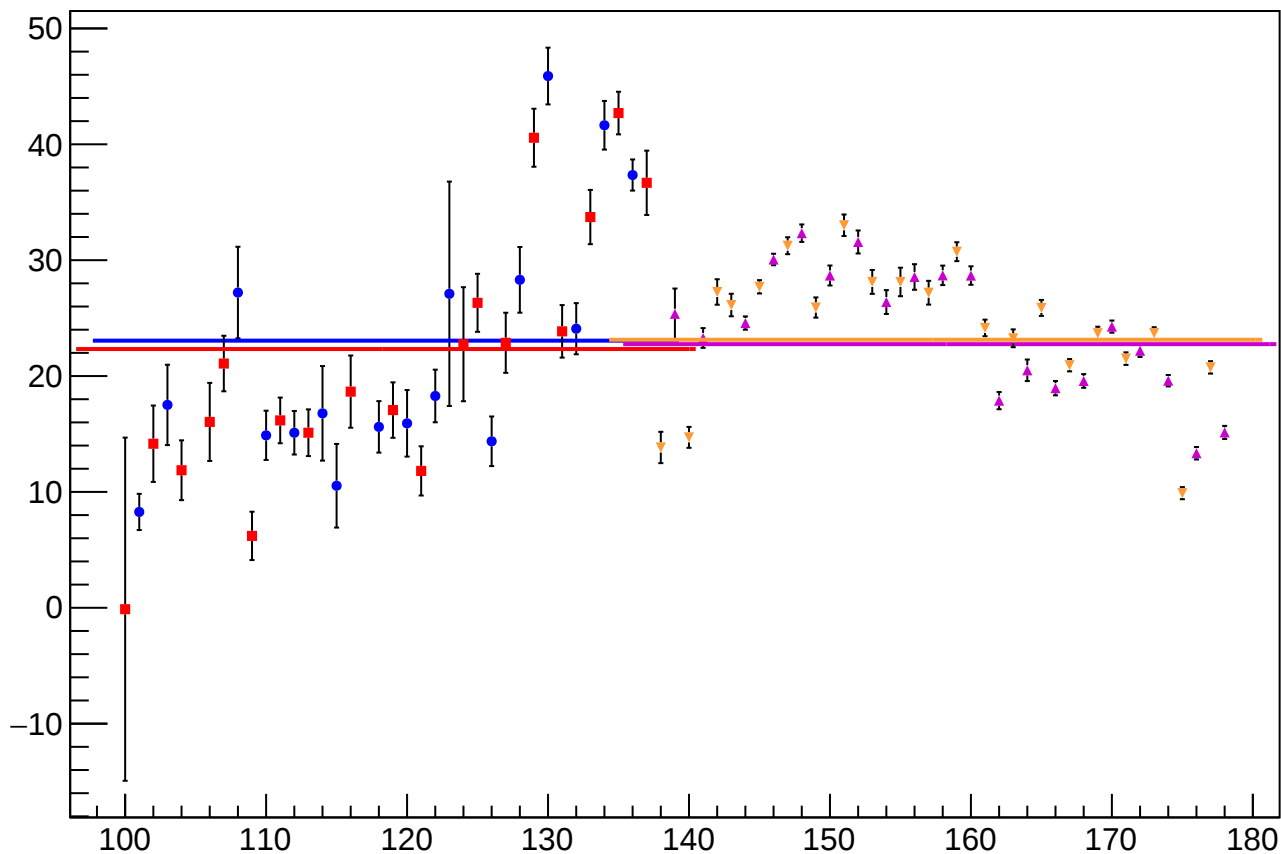
reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16
 Left Out: -54.576 ± 0.181 χ^2/NDF : 10925.4/20
 Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18
 Left In: -51.711 ± 0.174 χ^2/NDF : 11926.6/19

Left: -53.087 ± 0.125 χ^2/NDF : 22982.6/40
 Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35
 In: -51.464 ± 0.170 χ^2/NDF : 12211.1/36
 Out: -54.103 ± 0.177 χ^2/NDF : 11343.0/39
 All: -52.734 ± 0.123 χ^2/NDF : 23669.4/76

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: 23.134 $\pm$ 0.155 χ^2 /NDF:1320.0/20

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 22.752 $\pm$ 0.151 χ^2 /NDF:1317.0/19

Left: 22.938 $\pm$ 0.108 χ^2 /NDF: 2640.1/40

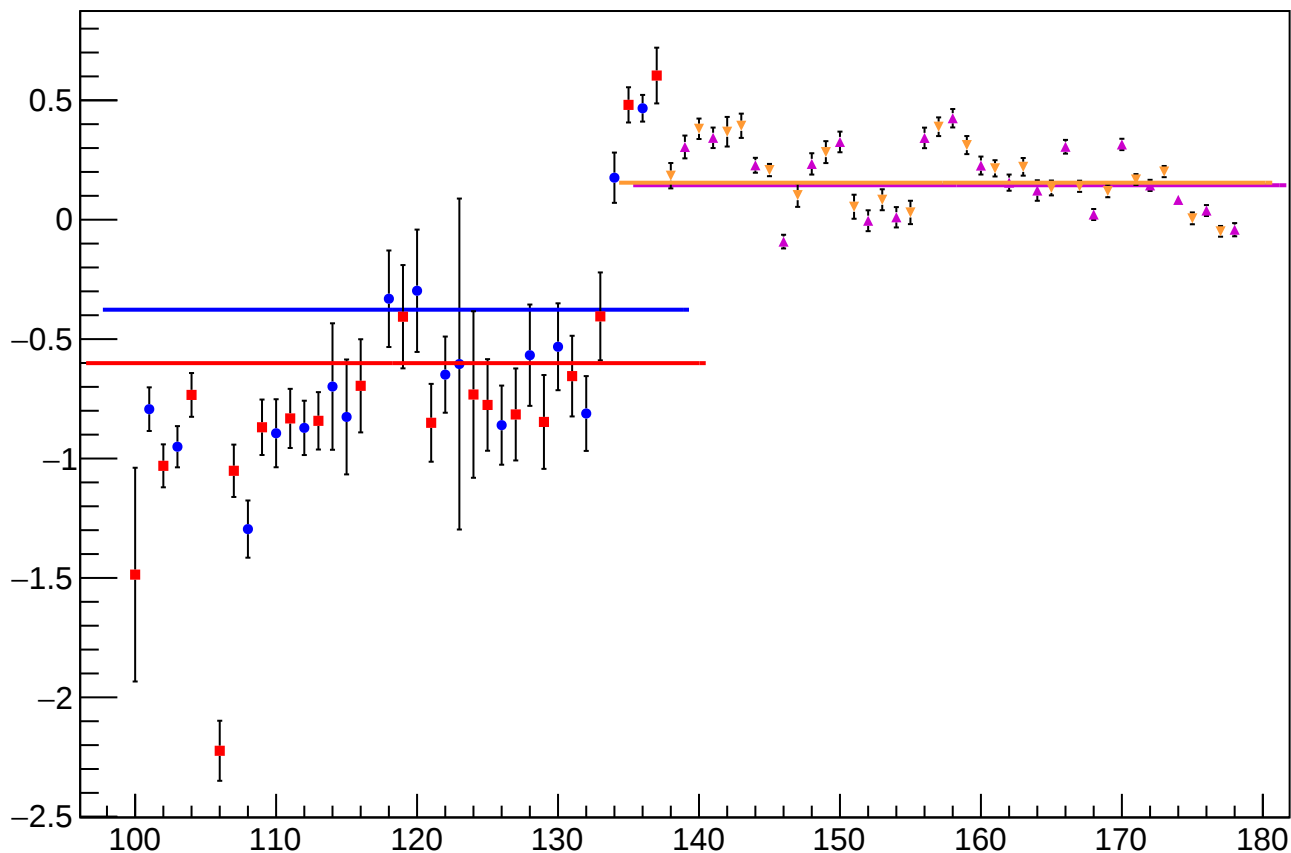
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 22.773 $\pm$ 0.146 χ^2 /NDF:1778.4/36

Out: 23.079 $\pm$ 0.149 χ^2 /NDF:1692.9/39

All: 22.922 $\pm$ 0.104 χ^2 /NDF: 3473.5/76

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.155 ± 0.007 χ^2/NDF : 272.9/20

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.144 ± 0.007 χ^2/NDF : 416.5/19

Left: 0.149 ± 0.005 χ^2/NDF : 690.6/40

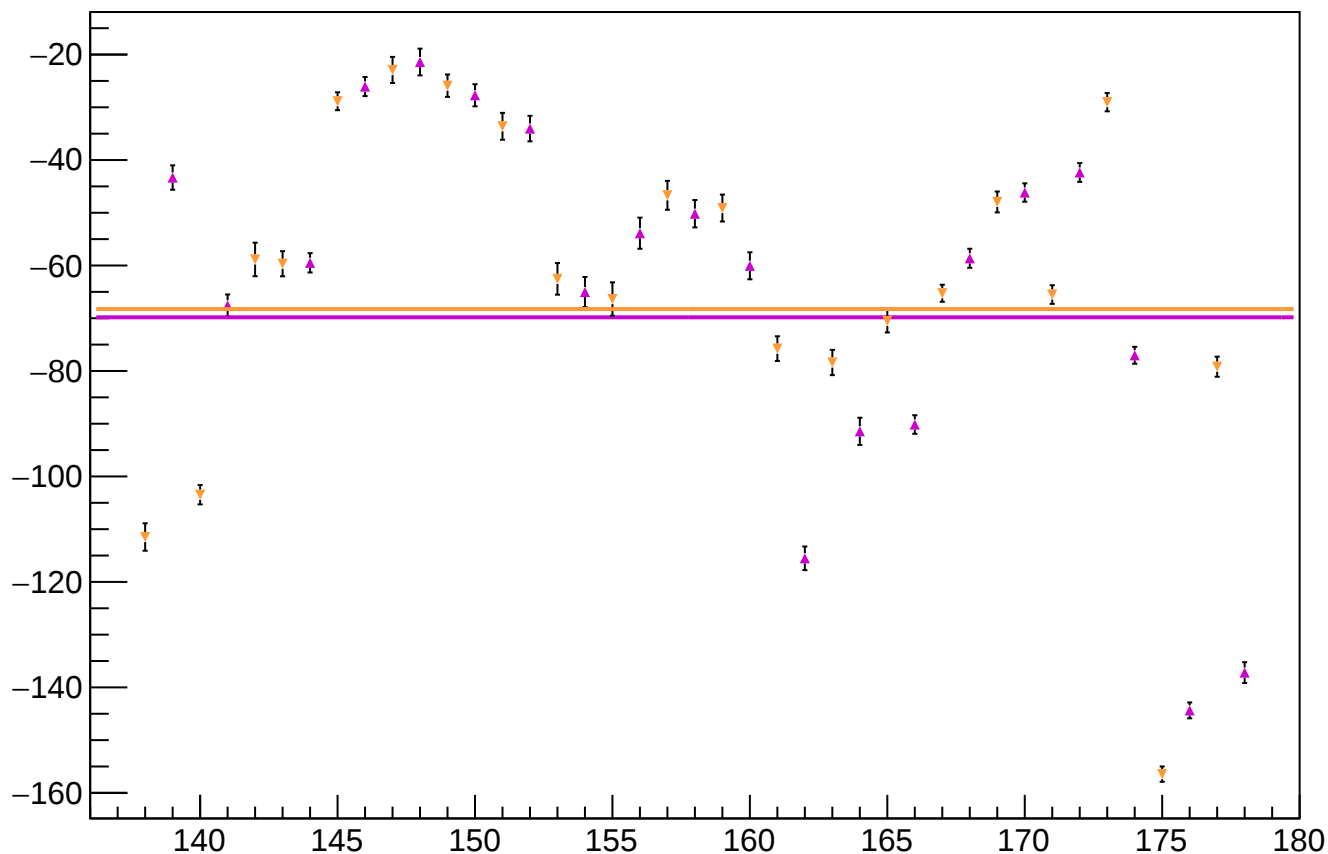
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.118 ± 0.007 χ^2/NDF : 1138.6/36

Out: 0.115 ± 0.007 χ^2/NDF : 1422.2/39

All: 0.117 ± 0.005 χ^2/NDF : 2560.9/76

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -68.256+/-0.461 χ^2/NDF : 6602.6/20

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

Left In: -69.823+/-0.455 χ^2/NDF : 6556.5/19

Left: -69.049+/-0.324 χ^2/NDF : 13164.9/40

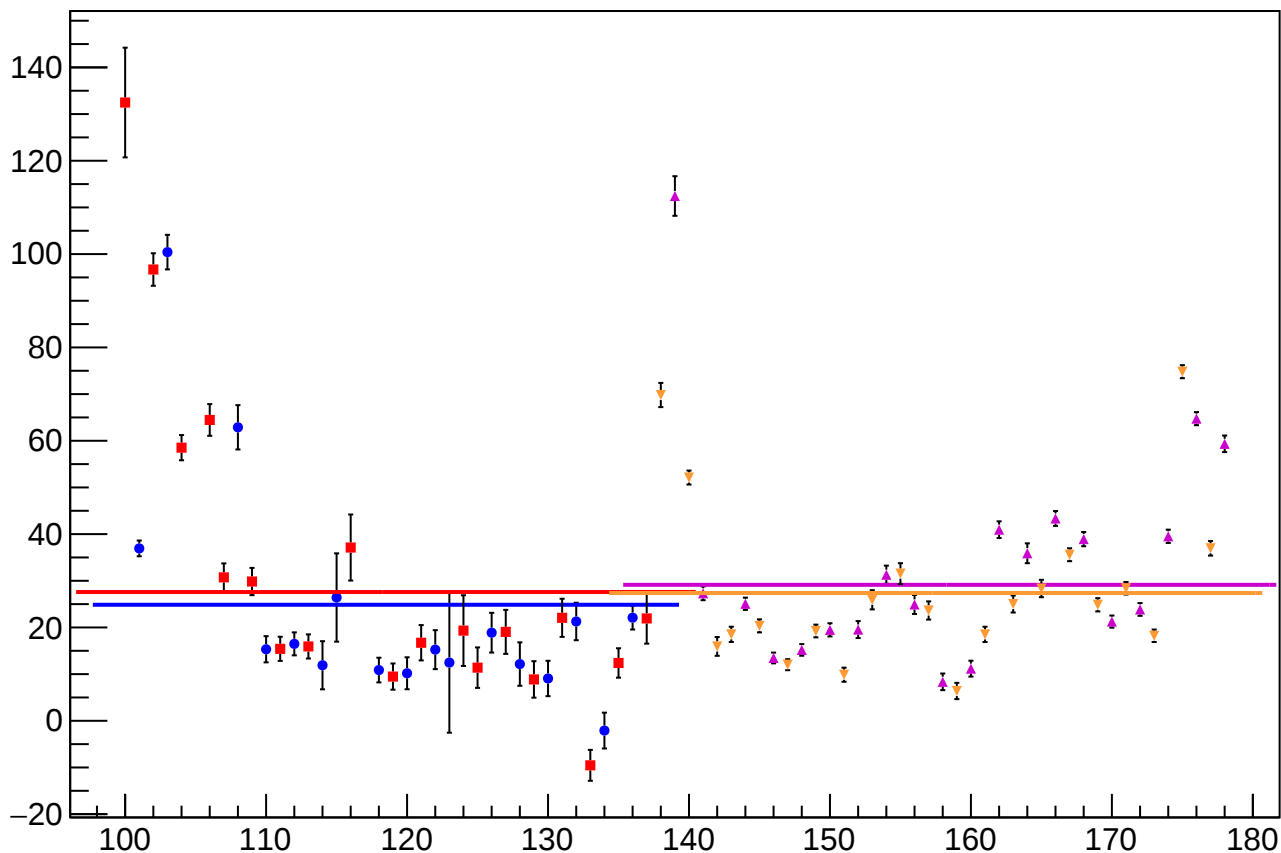
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.823+/-0.455 χ^2/NDF : 6556.5/19

Out: -68.256+/-0.461 χ^2/NDF : 6602.6/20

All: -69.049+/-0.324 χ^2/NDF : 13164.9/40

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: 27.384 $\pm$ 0.344 χ^2 /NDF:2421.2/20

Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 29.136 $\pm$ 0.348 χ^2 /NDF:2250.8/19

Left: 28.250 $\pm$ 0.245 χ^2 /NDF: 4684.8/40

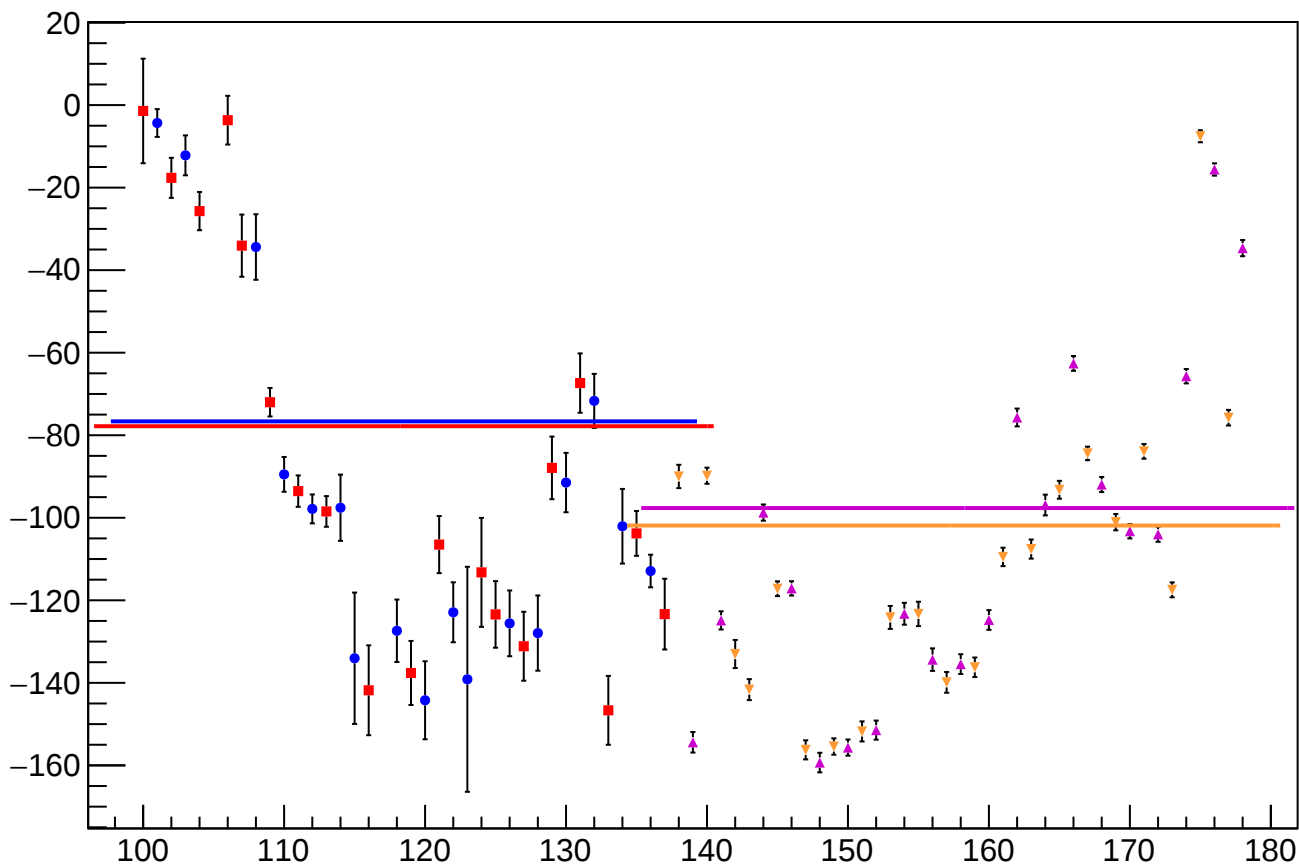
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 28.459 $\pm$ 0.319 χ^2 /NDF:2965.7/36

Out: 27.416 $\pm$ 0.317 χ^2 /NDF:3432.2/39

All: 27.934 $\pm$ 0.225 χ^2 /NDF: 6403.3/76

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -101.879 ± 0.460 $\chi^2/\text{NDF}: 7422.0/20$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -97.641 ± 0.454 $\chi^2/\text{NDF}: 8457.3/19$

Left: -99.731 ± 0.323 $\chi^2/\text{NDF}: 15922.3/40$

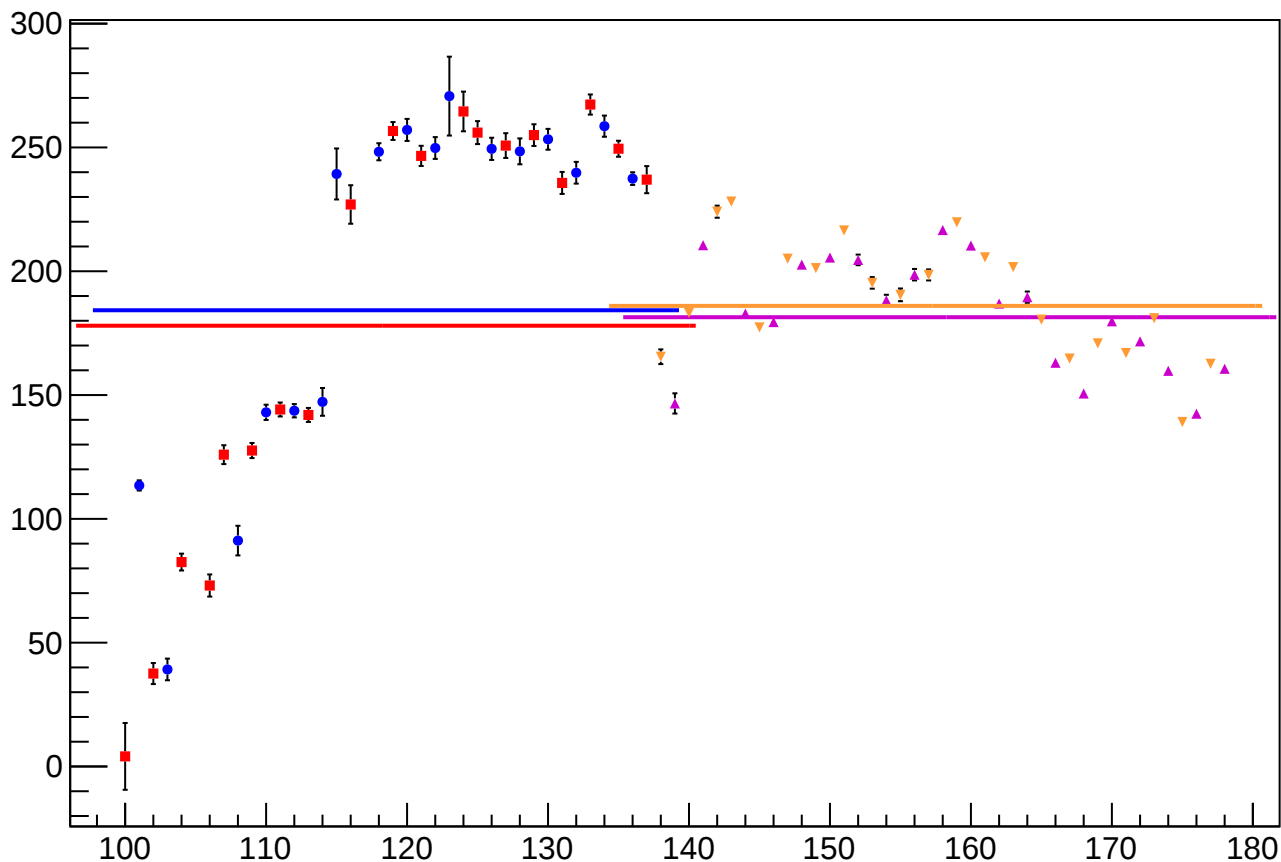
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -95.682 ± 0.432 $\chi^2/\text{NDF}: 9697.8/36$

Out: -99.383 ± 0.435 $\chi^2/\text{NDF}: 8579.1/39$

All: -97.518 ± 0.307 $\chi^2/\text{NDF}: 18313.3/76$

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: 186.015 $\pm$ 0.392 χ^2 /NDF:3507.1/20

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 181.438 $\pm$ 0.395 χ^2 /NDF:2971.4/19

Left: 183.741 $\pm$ 0.278 χ^2 /NDF: 6546.2/40

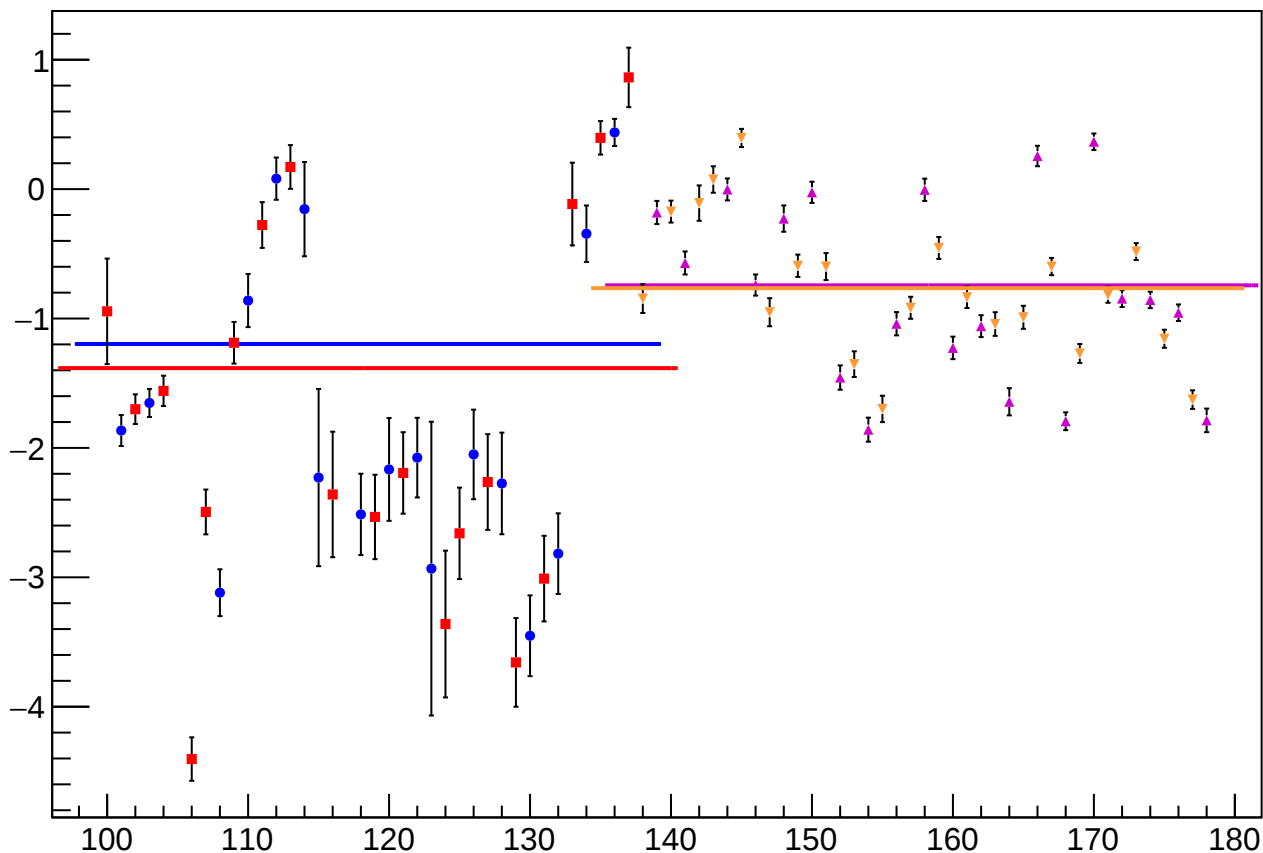
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 181.878 $\pm$ 0.362 χ^2 /NDF:8367.9/36

Out: 184.791 $\pm$ 0.361 χ^2 /NDF:9908.8/39

All: 183.341 $\pm$ 0.256 χ^2 /NDF: 18309.2/76

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.766 ± 0.018 χ^2/NDF : 822.2/20

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.744 ± 0.018 χ^2/NDF : 1472.0/19

Left: -0.754 ± 0.013 χ^2/NDF : 2295.0/40

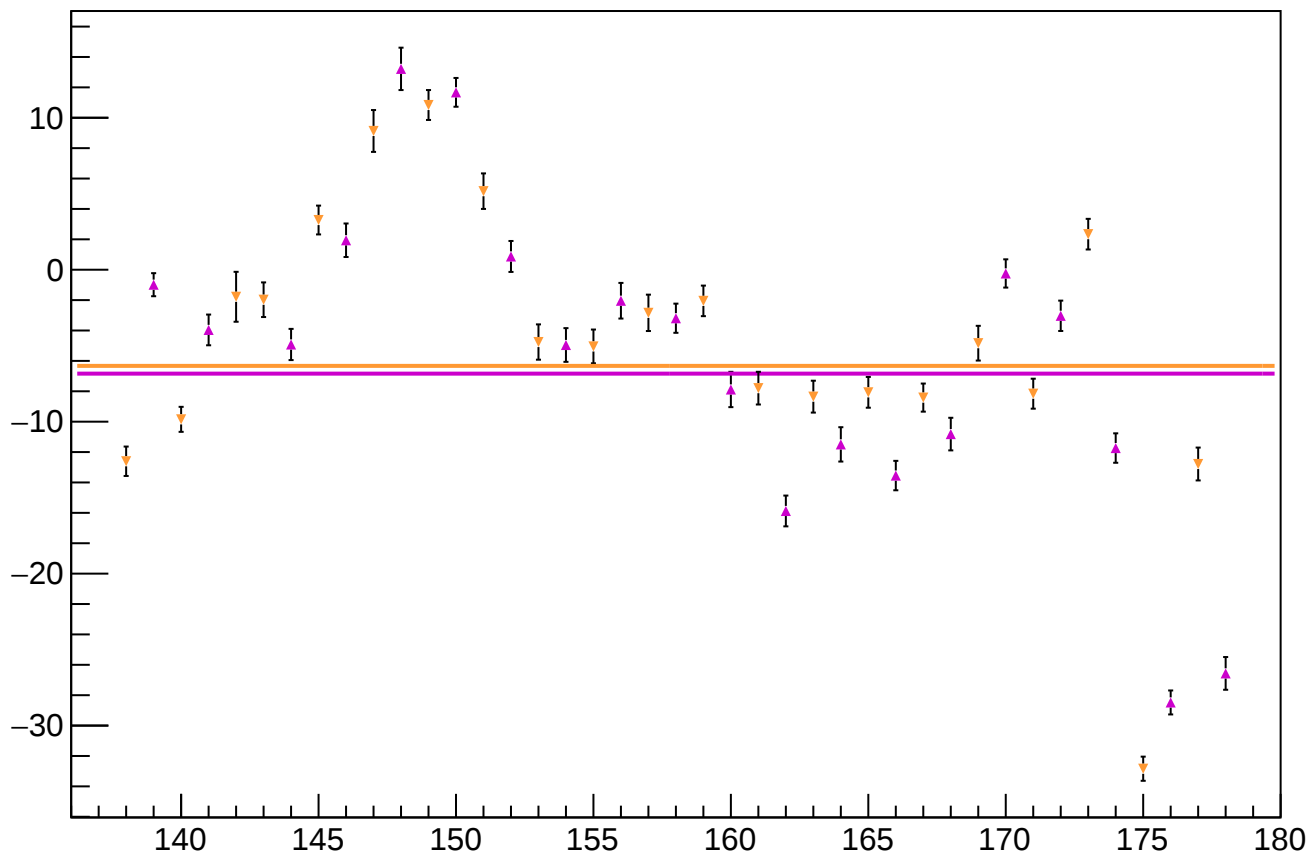
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.799 ± 0.017 χ^2/NDF : 2171.4/36

Out: -0.849 ± 0.017 χ^2/NDF : 1903.2/39

All: -0.824 ± 0.012 χ^2/NDF : 4079.0/76

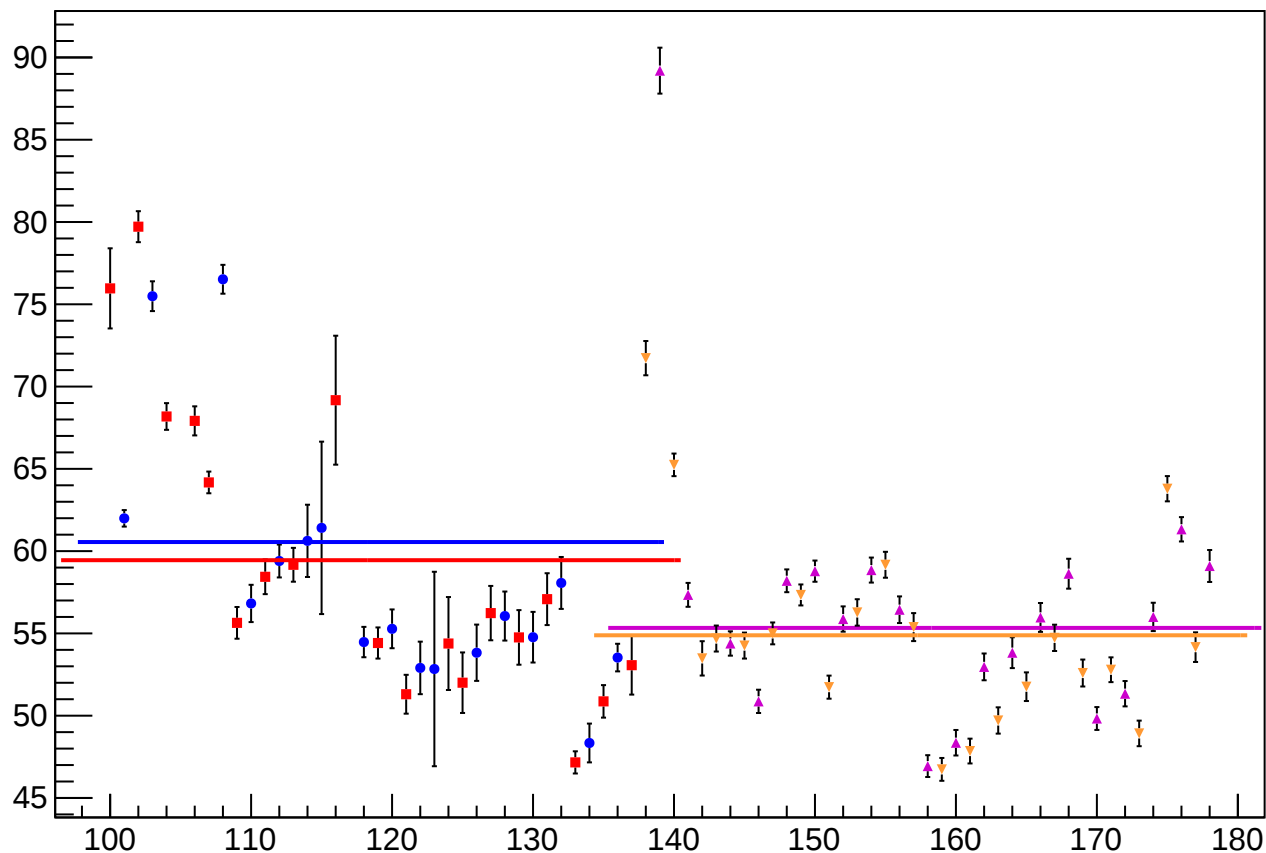
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.328+/-0.227 χ^2/NDF :1982.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.838+/-0.225 χ^2/NDF :2151.5/19

Left: -6.586+/-0.160 χ^2/NDF : 4136.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.838+/-0.225 χ^2/NDF :2151.5/19
 Out: -6.328+/-0.227 χ^2/NDF :1982.5/20
 All: -6.586+/-0.160 χ^2/NDF : 4136.6/40

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 54.885 ± 0.170 $\chi^2/\text{NDF}: 1049.7/20$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 55.334 ± 0.175 $\chi^2/\text{NDF}: 1144.2/19$

Left: 55.104 ± 0.122 $\chi^2/\text{NDF}: 2197.3/40$

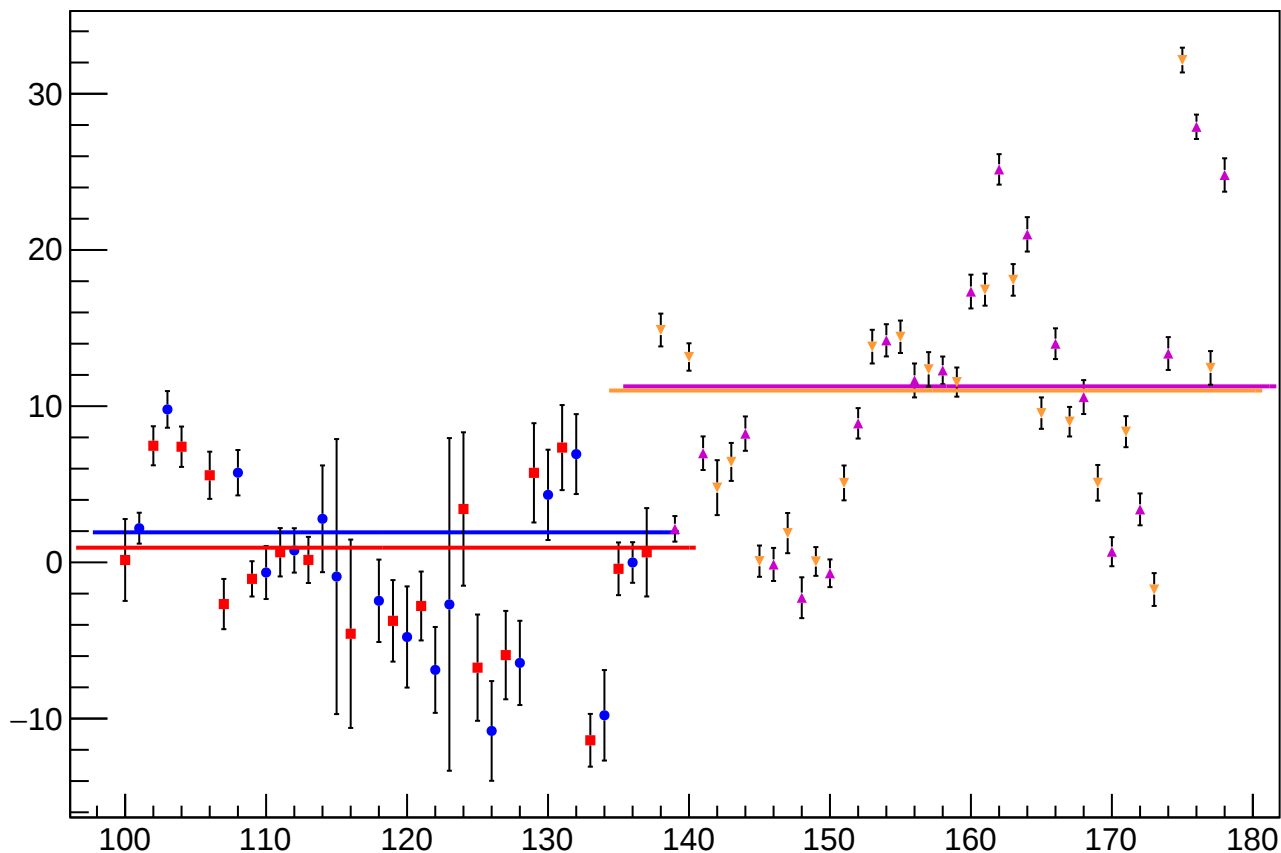
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 56.942 ± 0.145 $\chi^2/\text{NDF}: 2350.1/36$

Out: 56.347 ± 0.140 $\chi^2/\text{NDF}: 2601.9/39$

All: 56.634 ± 0.101 $\chi^2/\text{NDF}: 4960.6/76$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 11.002 ± 0.225 χ^2/NDF : 1393.5/20

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 11.269 ± 0.223 χ^2/NDF : 1694.7/19

Left: 11.137 ± 0.158 χ^2/NDF : 3088.9/40

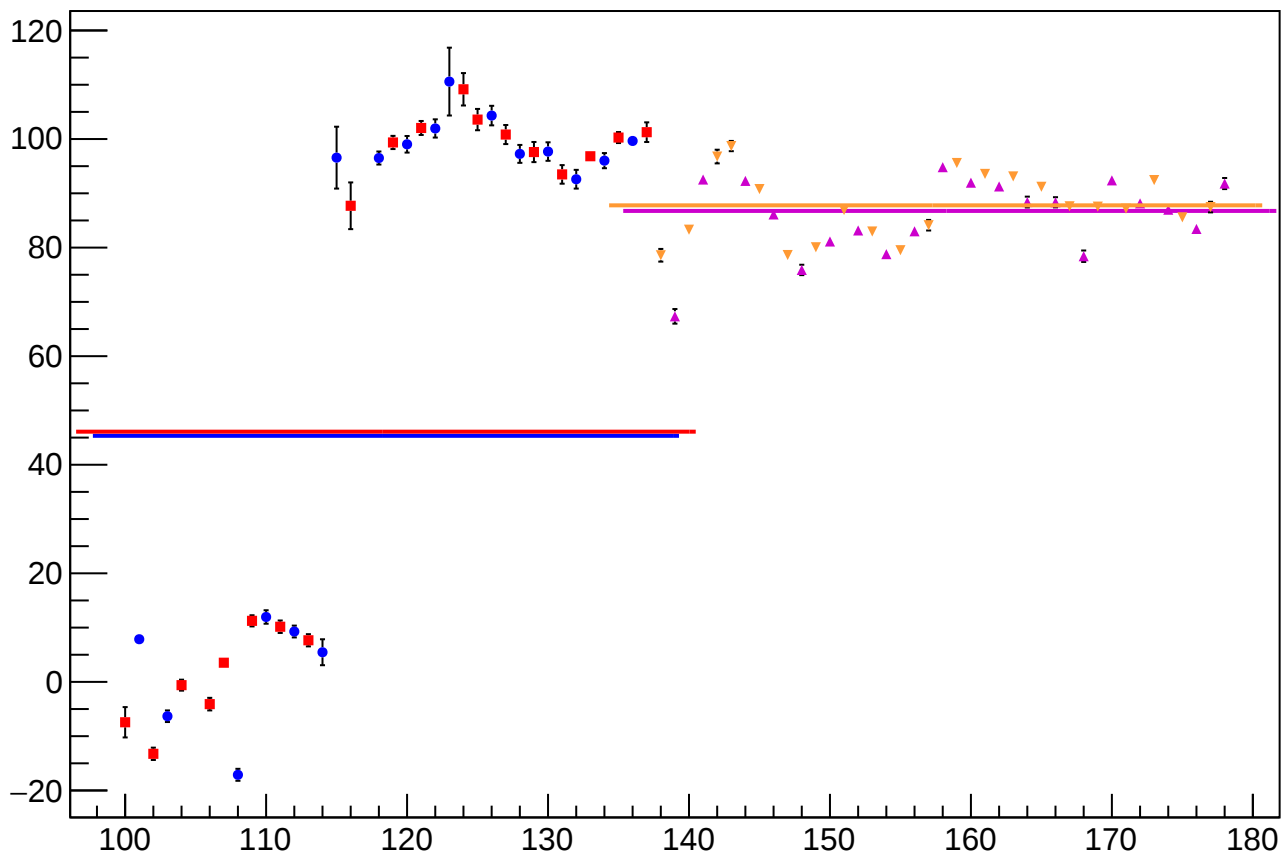
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 9.485 ± 0.200 χ^2/NDF : 2152.3/36

Out: 8.789 ± 0.199 χ^2/NDF : 1982.8/39

All: 9.135 ± 0.141 χ^2/NDF : 4141.2/76

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: 87.786 $\pm$ 0.193 χ^2 /NDF:876.8/20

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.756 $\pm$ 0.196 χ^2 /NDF:962.3/19

Left: 87.280 $\pm$ 0.138 χ^2 /NDF: 1853.0/40

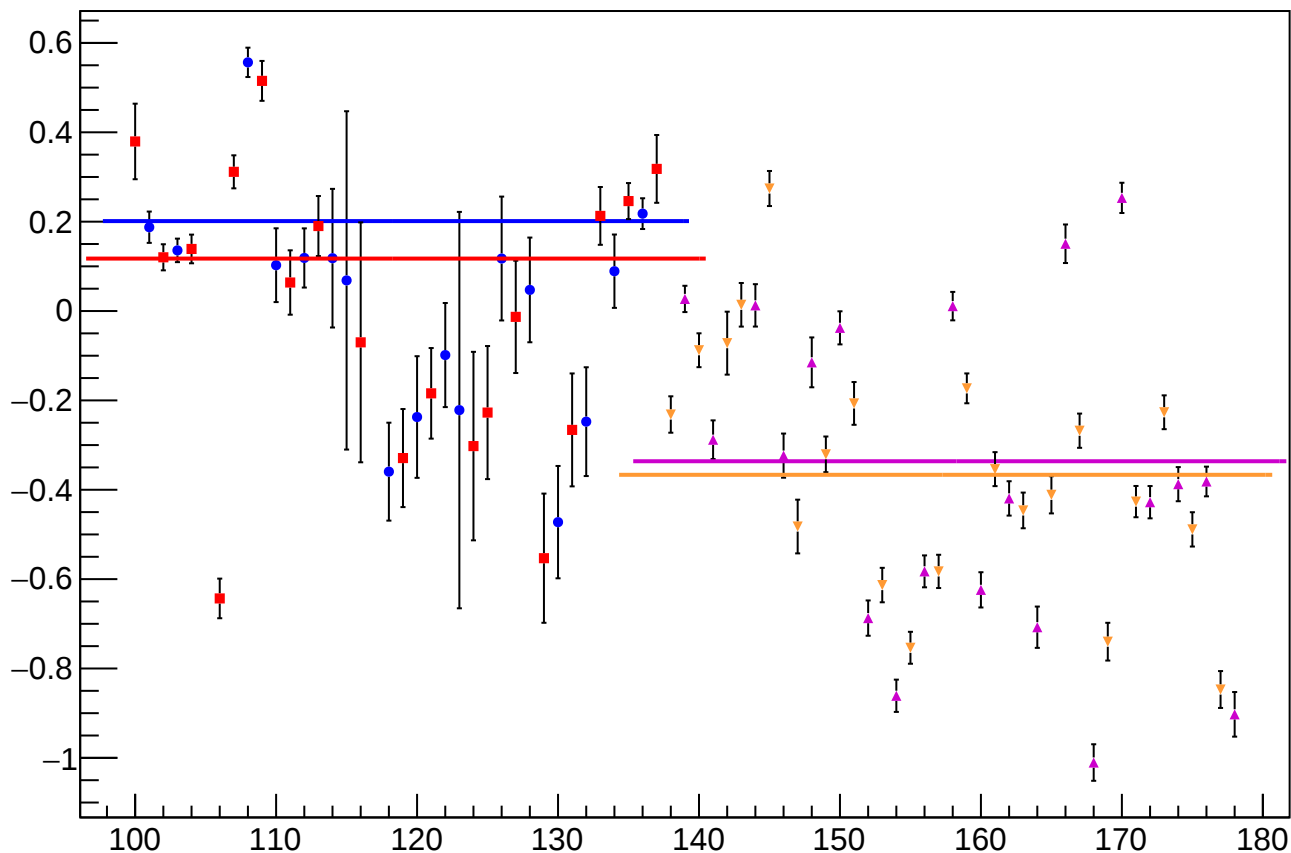
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 74.531 $\pm$ 0.165 χ^2 /NDF:39092.7/36

Out: 74.931 $\pm$ 0.161 χ^2 /NDF:43519.0/39

All: 74.736 $\pm$ 0.115 χ^2 /NDF: 82614.7/76

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.367 ± 0.009 χ^2/NDF : 904.1/20

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.336 ± 0.009 χ^2/NDF : 1709.1/19

Left: -0.351 ± 0.006 χ^2/NDF : 2619.2/40

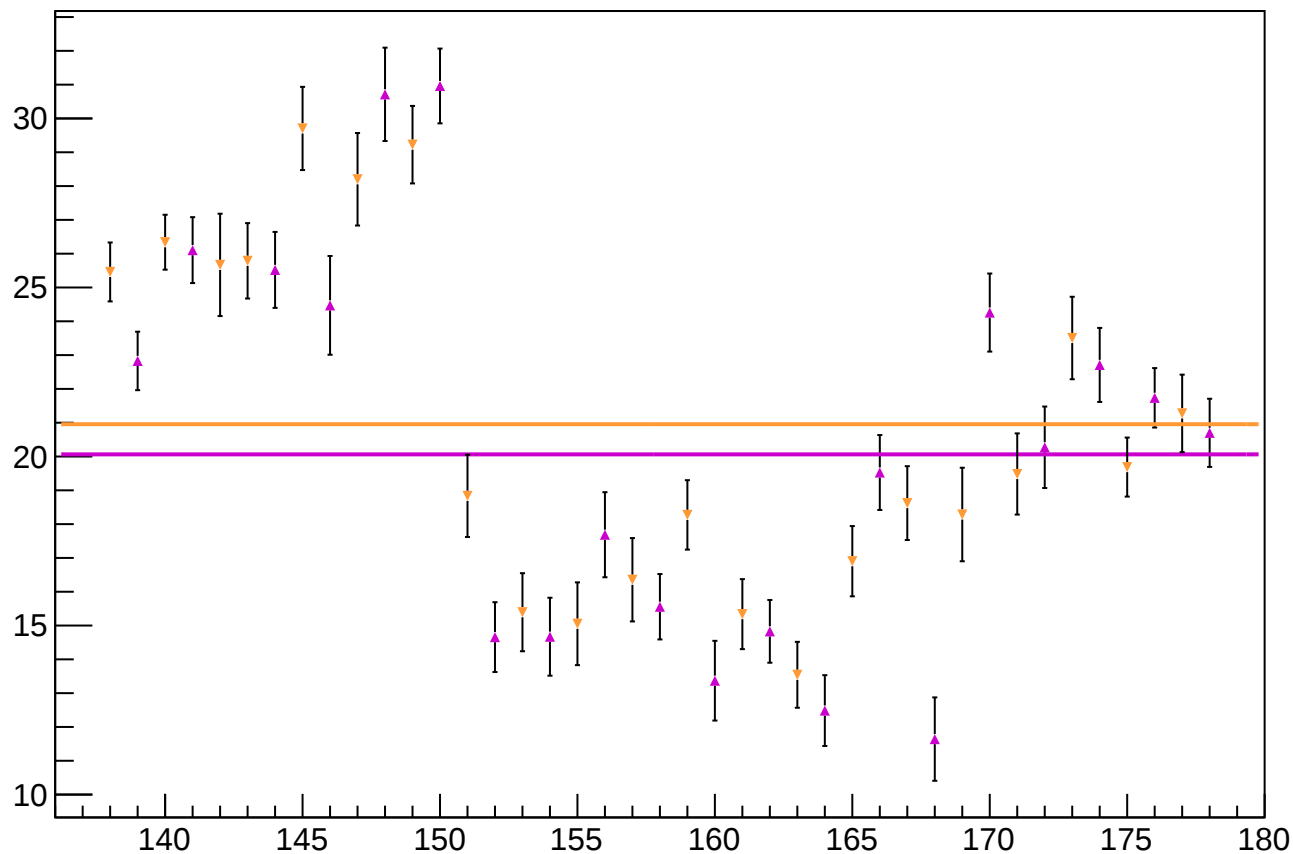
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.188 ± 0.007 χ^2/NDF : 2987.5/36

Out: -0.215 ± 0.007 χ^2/NDF : 2352.1/39

All: -0.201 ± 0.005 χ^2/NDF : 5346.2/76

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 20.955+/-0.239 χ^2/NDF :418.8/20

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

Left In: 20.064+/-0.241 χ^2/NDF :498.9/19

Left: 20.513+/-0.170 χ^2/NDF : 924.6/40

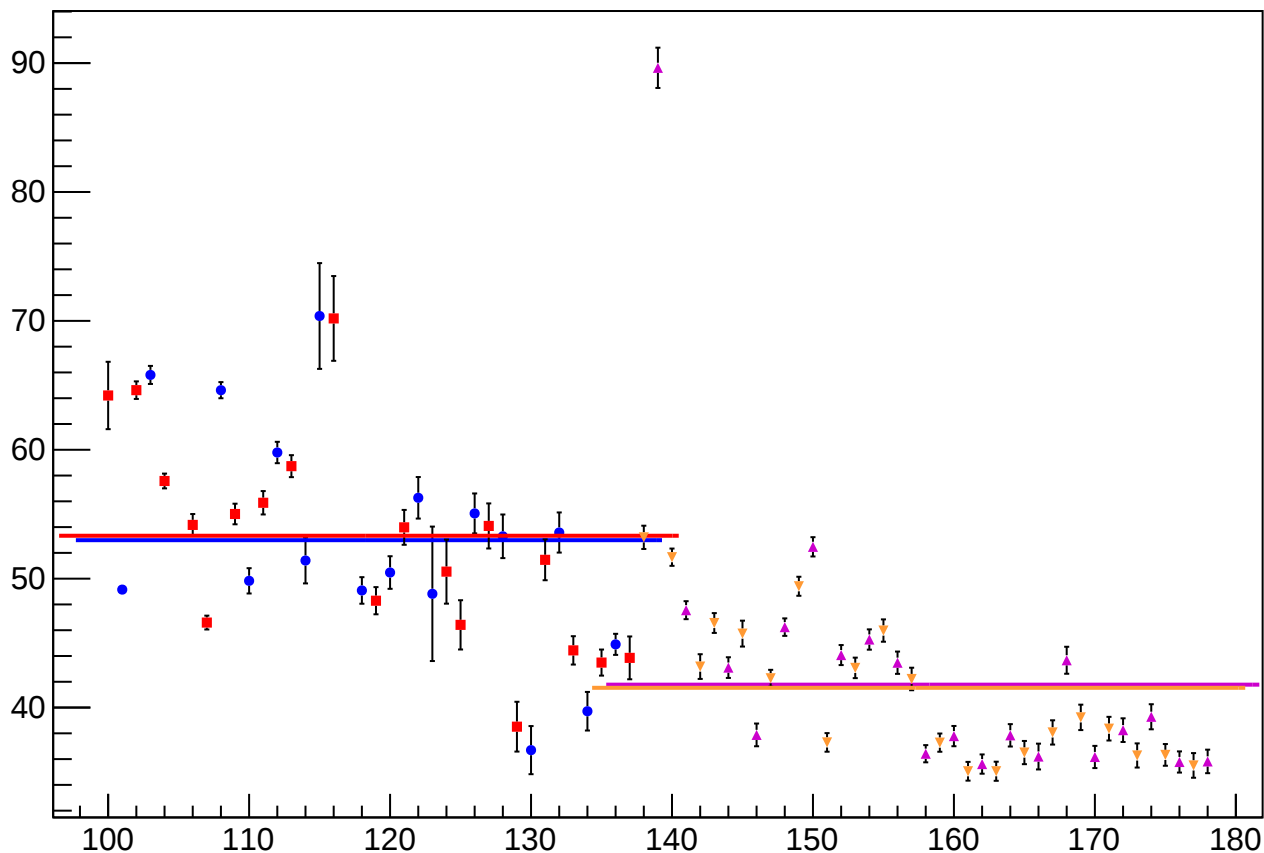
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.064+/-0.241 χ^2/NDF :498.9/19

Out: 20.955+/-0.239 χ^2/NDF :418.8/20

All: 20.513+/-0.170 χ^2/NDF : 924.6/40

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: 41.532 $\pm$ 0.178 χ^2 /NDF:1002.1/20

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 41.776 $\pm$ 0.186 χ^2 /NDF:1680.7/19

Left: 41.649 $\pm$ 0.129 χ^2 /NDF: 2683.7/40

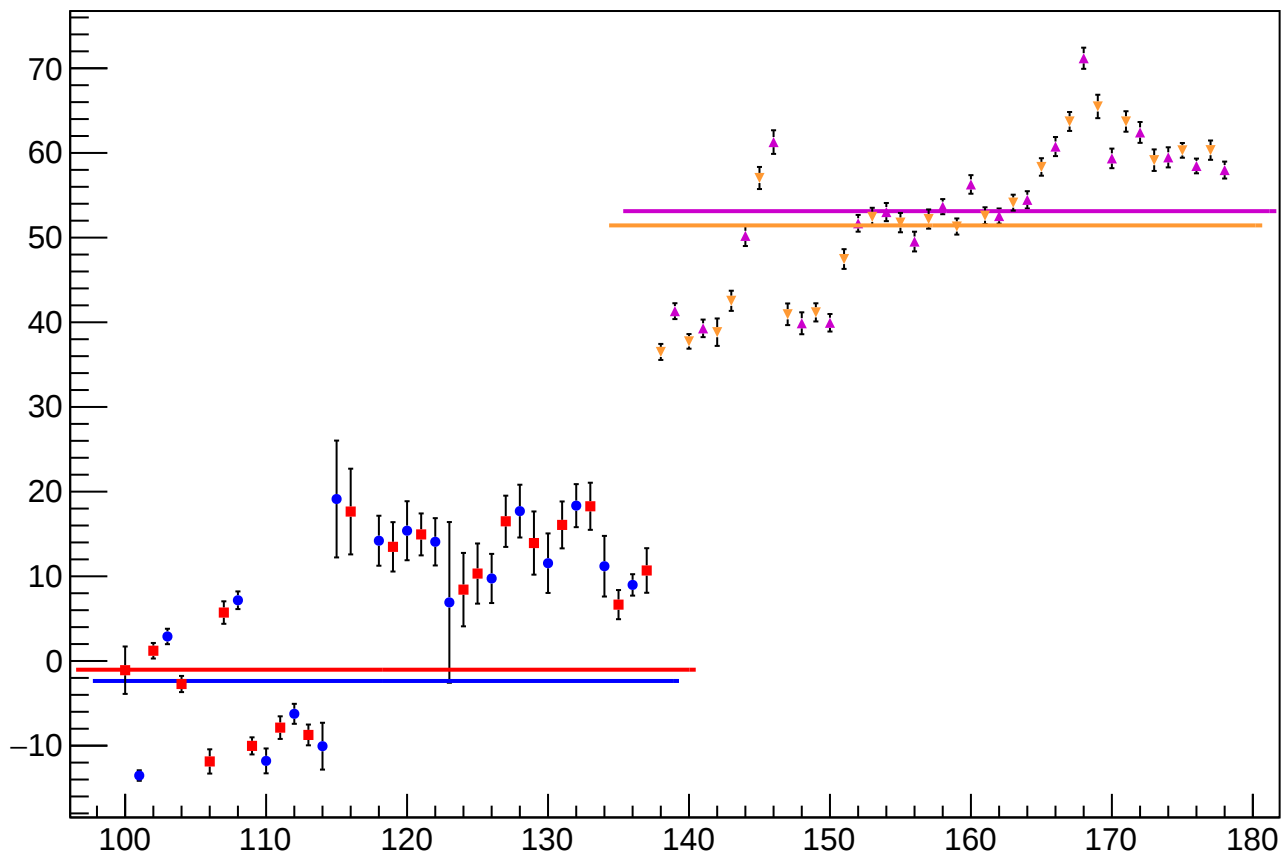
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 46.684 $\pm$ 0.139 χ^2 /NDF:4475.3/36

Out: 46.046 $\pm$ 0.140 χ^2 /NDF:3551.0/39

All: 46.367 $\pm$ 0.099 χ^2 /NDF: 8036.8/76

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 51.441 ± 0.238 χ^2/NDF : 1390.4/20

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 53.125 ± 0.238 χ^2/NDF : 1097.7/19

Left: 52.281 ± 0.168 χ^2/NDF : 2513.0/40

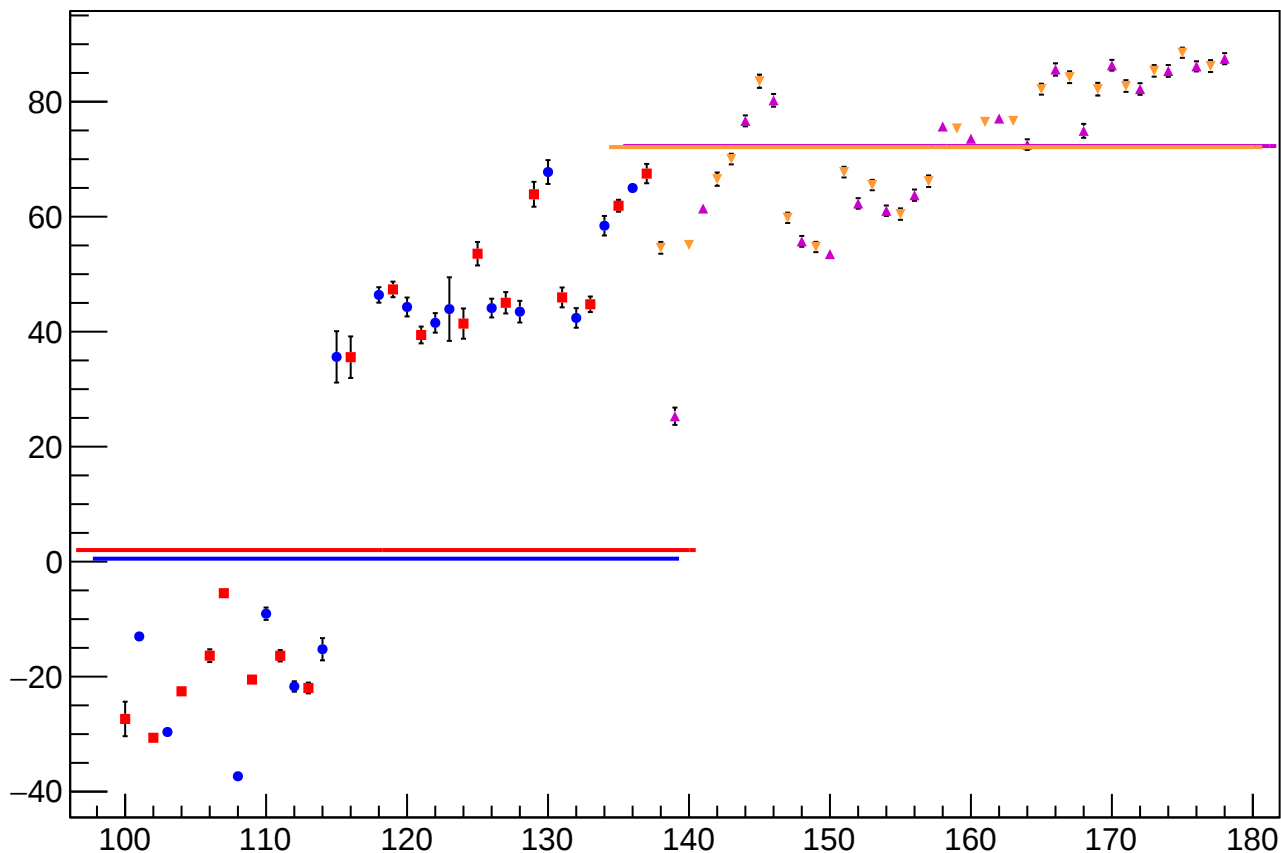
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 36.482 ± 0.199 χ^2/NDF : 18189.1/36

Out: 36.490 ± 0.201 χ^2/NDF : 15764.3/39

All: 36.486 ± 0.142 χ^2/NDF : 33953.4/76

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 72.106 ± 0.203 χ^2/NDF : 2909.1/20

Right Out: 2.013 ± 0.266 χ^2/NDF : 15473.7/18

Left In: 72.287 ± 0.209 χ^2/NDF : 3545.9/19

Left: 72.194 ± 0.146 χ^2/NDF : 6455.3/40

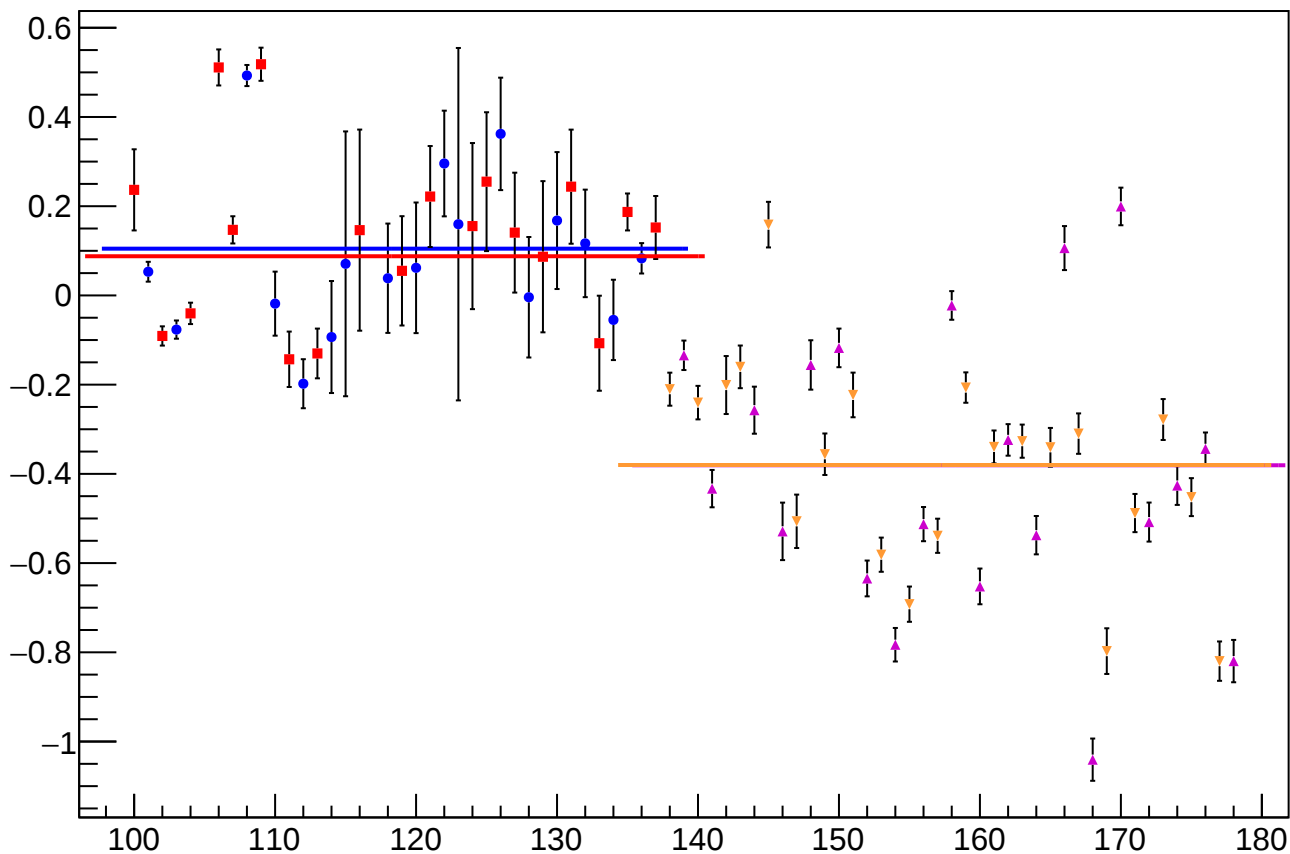
Right: 1.209 ± 0.181 χ^2/NDF : 33876.6/35

In: 42.327 ± 0.160 χ^2/NDF : 71143.1/36

Out: 46.301 ± 0.162 χ^2/NDF : 62141.9/39

All: 44.288 ± 0.114 χ^2/NDF : 133591.4/76

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: -0.380 ± 0.009 $\chi^2/\text{NDF}: 508.8/20$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.381 ± 0.009 $\chi^2/\text{NDF}: 1051.6/19$

Left: -0.380 ± 0.007 $\chi^2/\text{NDF}: 1560.4/40$

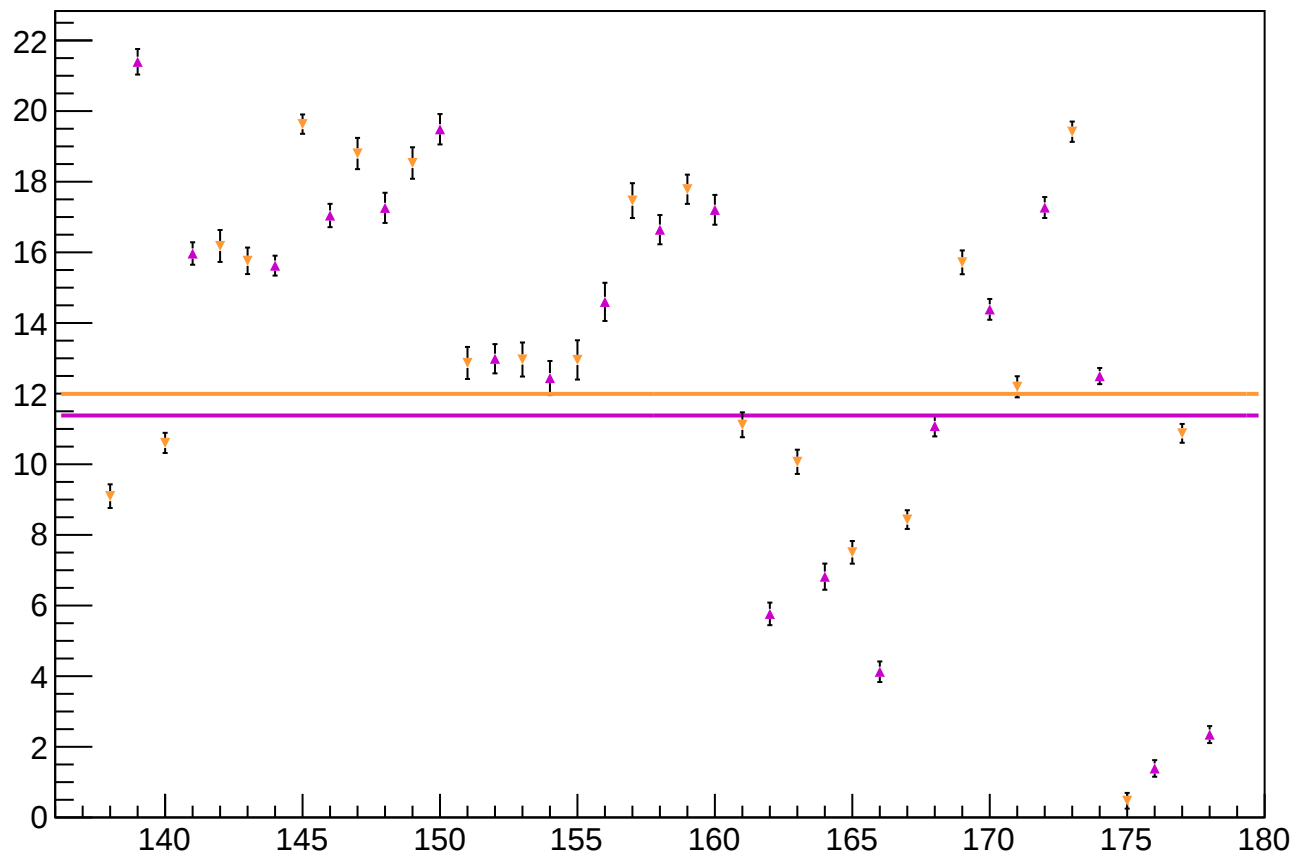
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.179 ± 0.007 $\chi^2/\text{NDF}: 2584.0/36$

Out: -0.184 ± 0.007 $\chi^2/\text{NDF}: 1950.6/39$

All: -0.182 ± 0.005 $\chi^2/\text{NDF}: 4534.9/76$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 11.992+/-0.073 χ^2/NDF :5747.1/20

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

Left In: 11.381+/-0.072 χ^2/NDF :7270.7/19

Left: 11.681+/-0.051 χ^2/NDF : 13053.2/40

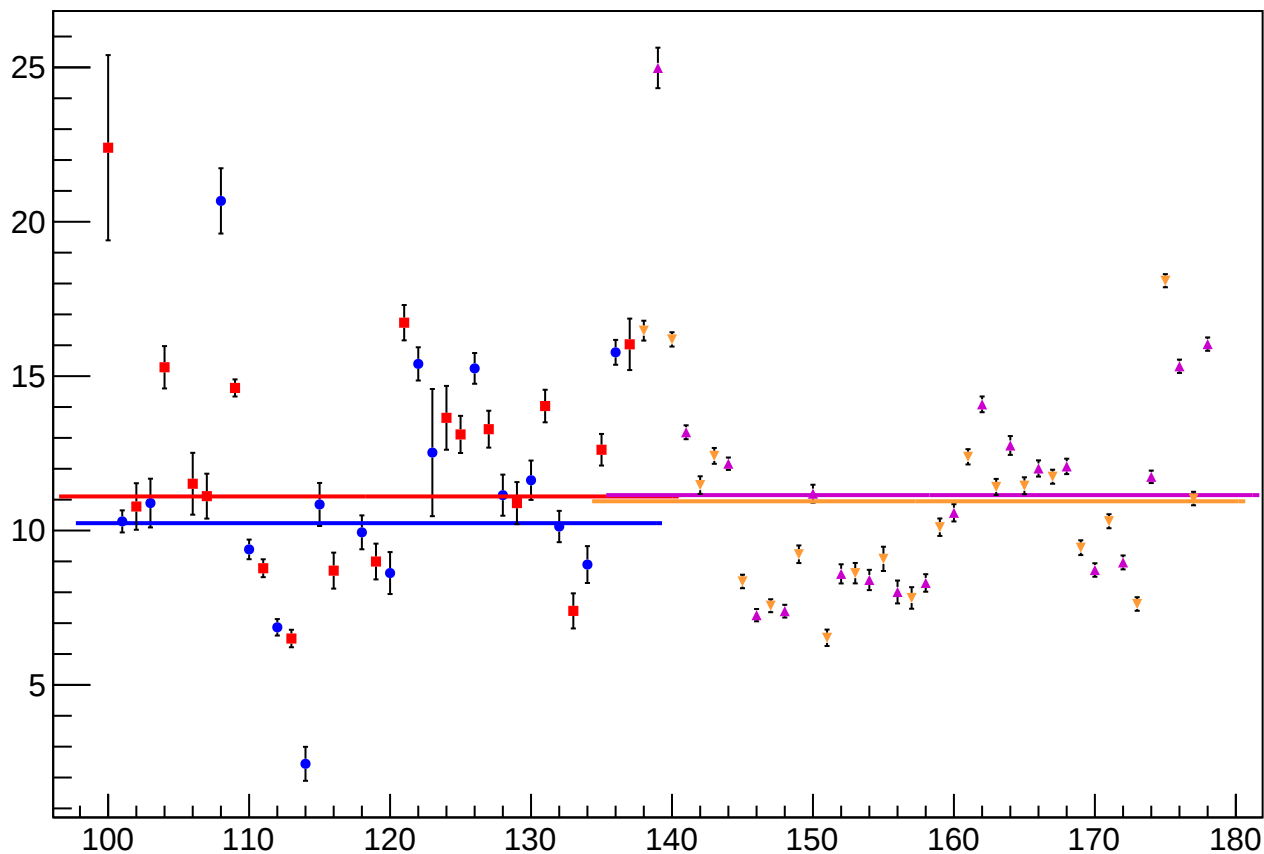
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.381+/-0.072 χ^2/NDF :7270.7/19

Out: 11.992+/-0.073 χ^2/NDF :5747.1/20

All: 11.681+/-0.051 χ^2/NDF : 13053.2/40

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 10.947+/-0.055 χ^2/NDF : 3175.1/20

Right Out: 11.104+/-0.116 χ^2/NDF : 815.2/18

Left In: 11.147+/-0.056 χ^2/NDF : 2870.9/19

Left: 11.047+/-0.039 χ^2/NDF : 6052.5/40

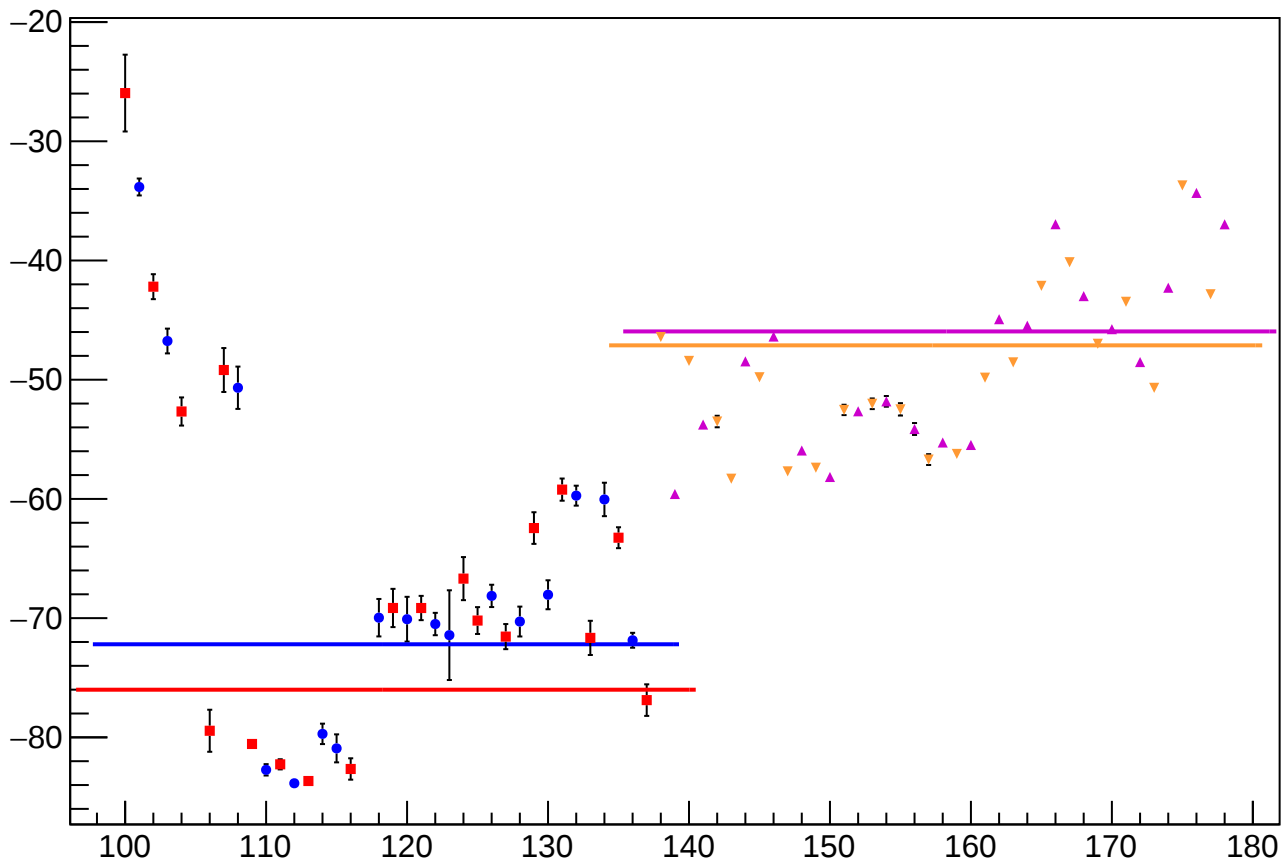
Right: 10.681+/-0.083 χ^2/NDF : 1709.6/35

In: 10.985+/-0.050 χ^2/NDF : 3786.1/36

Out: 10.976+/-0.050 χ^2/NDF : 3991.8/39

All: 10.980+/-0.035 χ^2/NDF : 7777.9/76

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -47.118 ± 0.074 χ^2/NDF : 8869.7/20

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18

Left In: -45.950 ± 0.072 χ^2/NDF : 10501.3/19

Left: -46.521 ± 0.051 χ^2/NDF : 19499.5/40

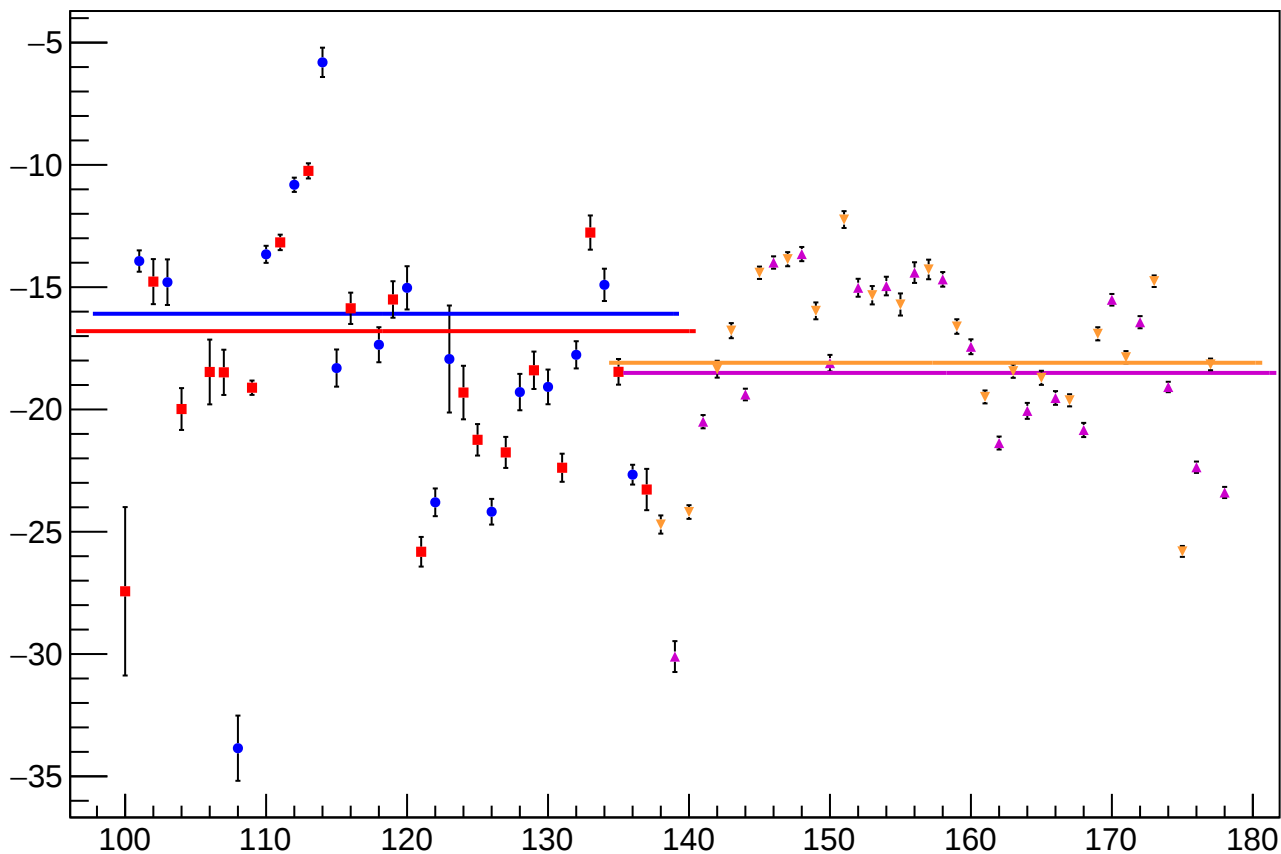
Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35

In: -49.012 ± 0.068 χ^2/NDF : 31559.4/36

Out: -51.219 ± 0.068 χ^2/NDF : 34200.0/39

All: -50.107 ± 0.048 χ^2/NDF : 66287.4/76

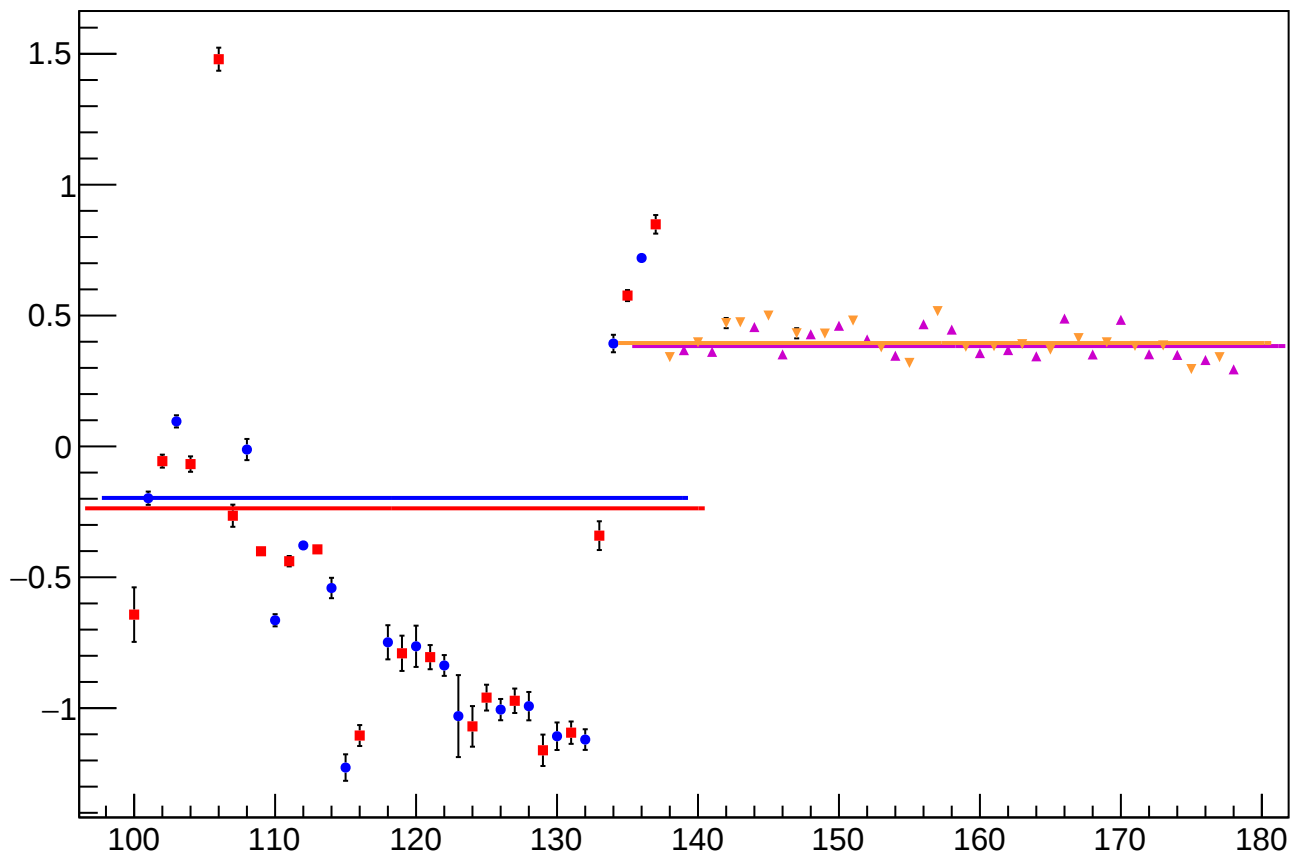
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -18.091 ± 0.063 $\chi^2/\text{NDF}: 3241.3/20$
 Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$
 Left In: -18.505 ± 0.063 $\chi^2/\text{NDF}: 2638.6/19$

Left: -18.298 ± 0.044 $\chi^2/\text{NDF}: 5901.7/40$
 Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$
 In: -18.061 ± 0.057 $\chi^2/\text{NDF}: 4532.7/36$
 Out: -17.840 ± 0.056 $\chi^2/\text{NDF}: 4537.4/39$
 All: -17.950 ± 0.040 $\chi^2/\text{NDF}: 9077.7/76$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.395 ± 0.003 χ^2/NDF : 374.0/20

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.383 ± 0.003 χ^2/NDF : 407.6/19

Left: 0.389 ± 0.002 χ^2/NDF : 789.7/40

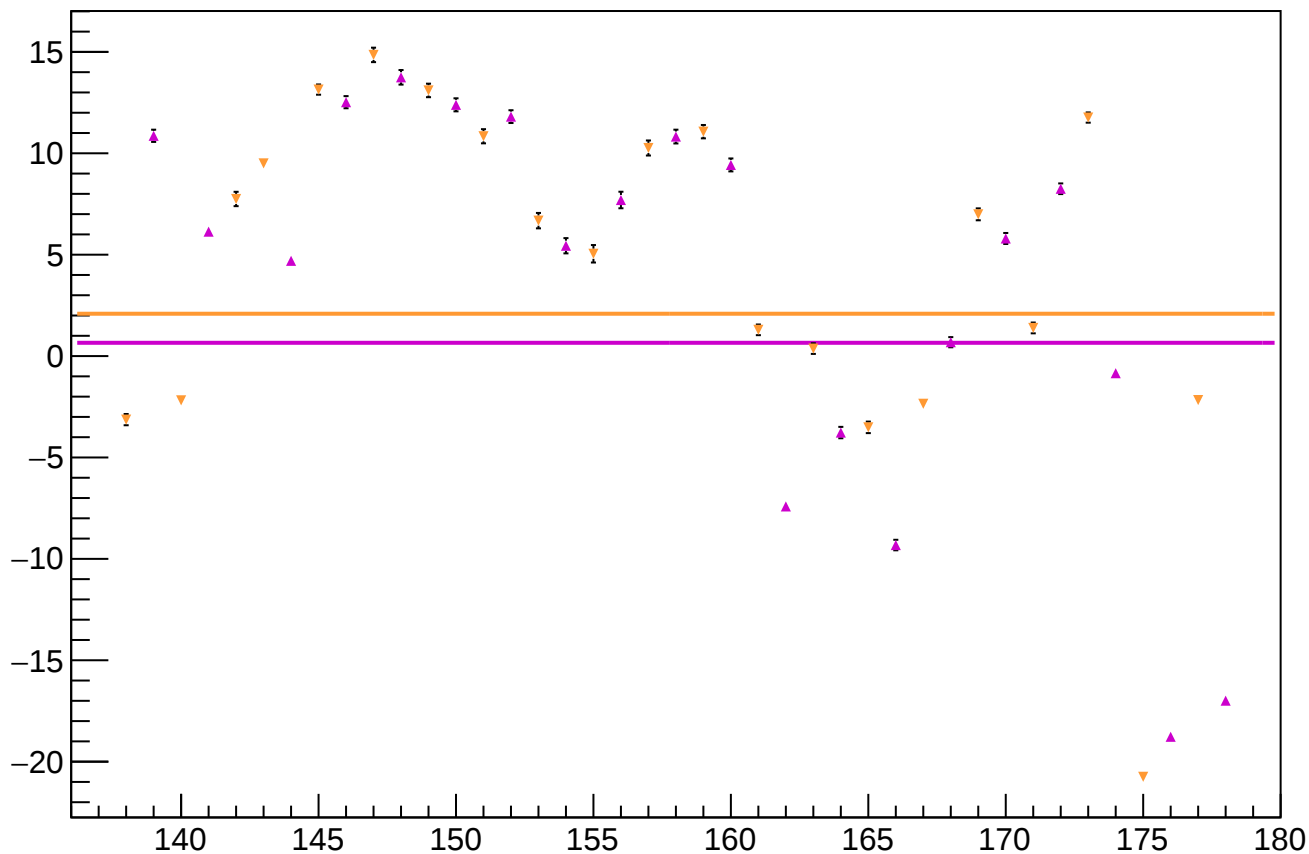
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.310 ± 0.003 χ^2/NDF : 11904.5/36

Out: 0.306 ± 0.003 χ^2/NDF : 13256.4/39

All: 0.308 ± 0.002 χ^2/NDF : 25162.4/76

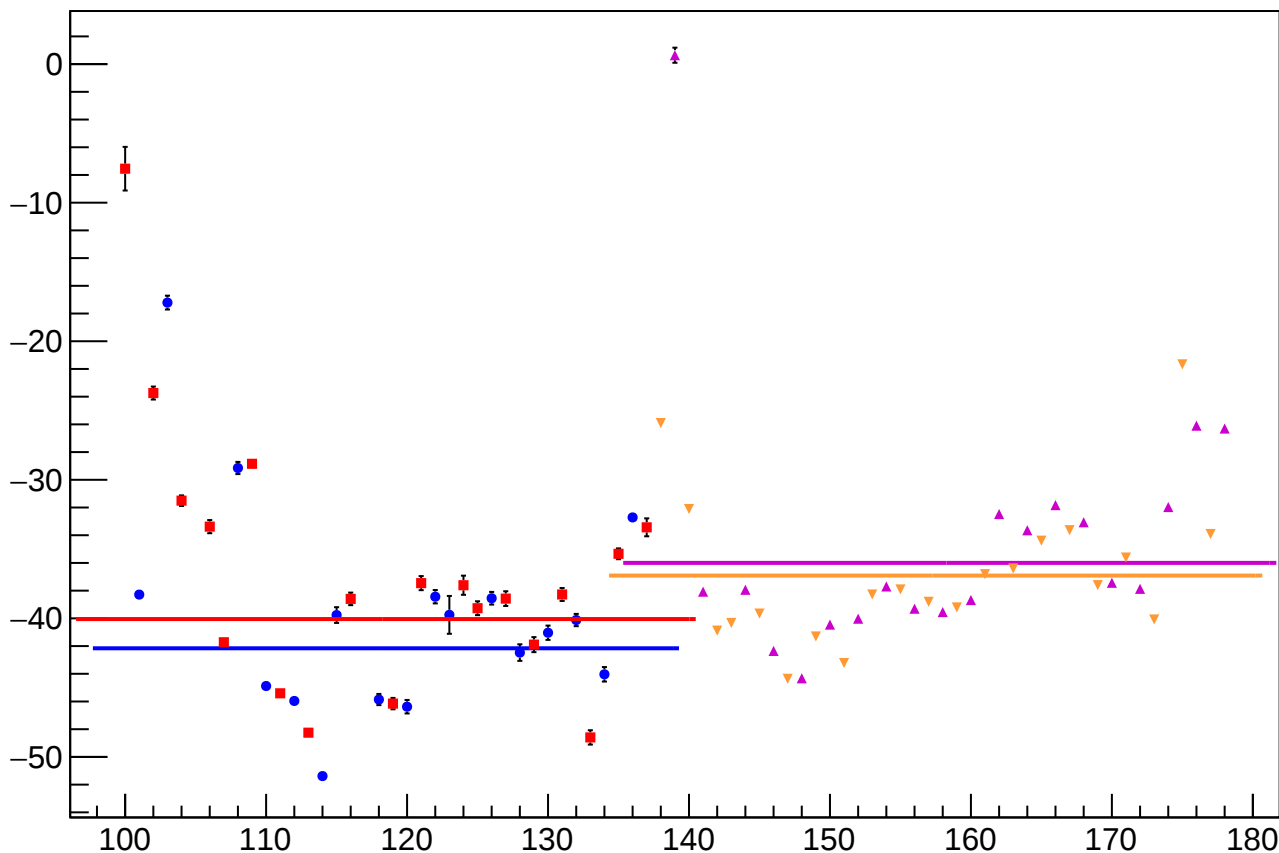
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.088+/-0.061 χ^2/NDF :24479.0/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.655+/-0.061 χ^2/NDF :28172.7/19

Left: 1.374+/-0.043 χ^2/NDF : 52930.2/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.655+/-0.061 χ^2/NDF :28172.7/19
 Out: 2.088+/-0.061 χ^2/NDF :24479.0/20
 All: 1.374+/-0.043 χ^2/NDF : 52930.2/40

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: -36.912 ± 0.045 $\chi^2/\text{NDF}: 14185.1/20$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -35.996 ± 0.047 $\chi^2/\text{NDF}: 15954.8/19$

Left: -36.469 ± 0.033 $\chi^2/\text{NDF}: 30337.8/40$

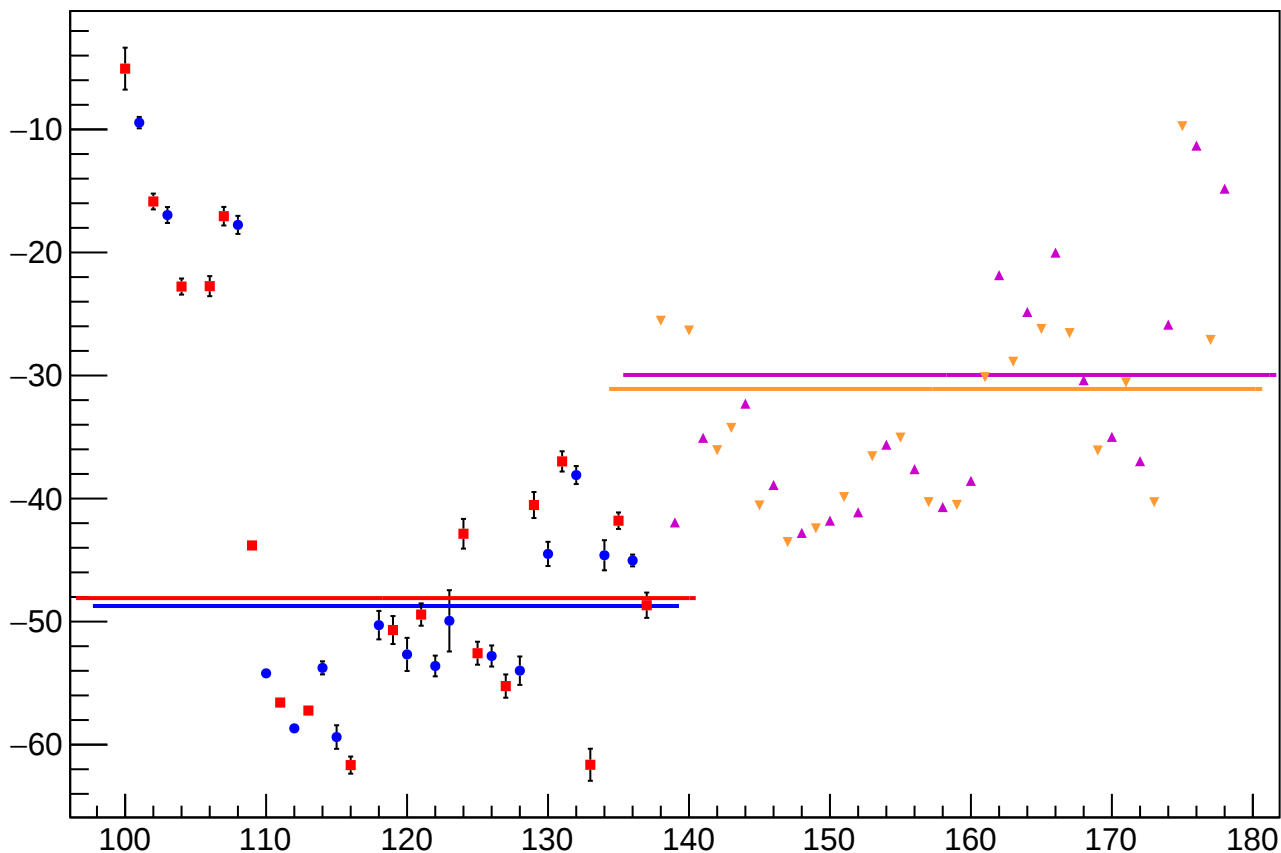
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -37.630 ± 0.040 $\chi^2/\text{NDF}: 27125.0/36$

Out: -37.788 ± 0.038 $\chi^2/\text{NDF}: 26837.4/39$

All: -37.712 ± 0.028 $\chi^2/\text{NDF}: 53970.3/76$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 χ^2/NDF : 14659.4/16

Left Out: -31.093 ± 0.061 χ^2/NDF : 21887.5/20

Right Out: -48.090 ± 0.107 χ^2/NDF : 11731.5/18

Left In: -29.954 ± 0.061 χ^2/NDF : 26674.4/19

Left: -30.523 ± 0.043 χ^2/NDF : 48737.6/40

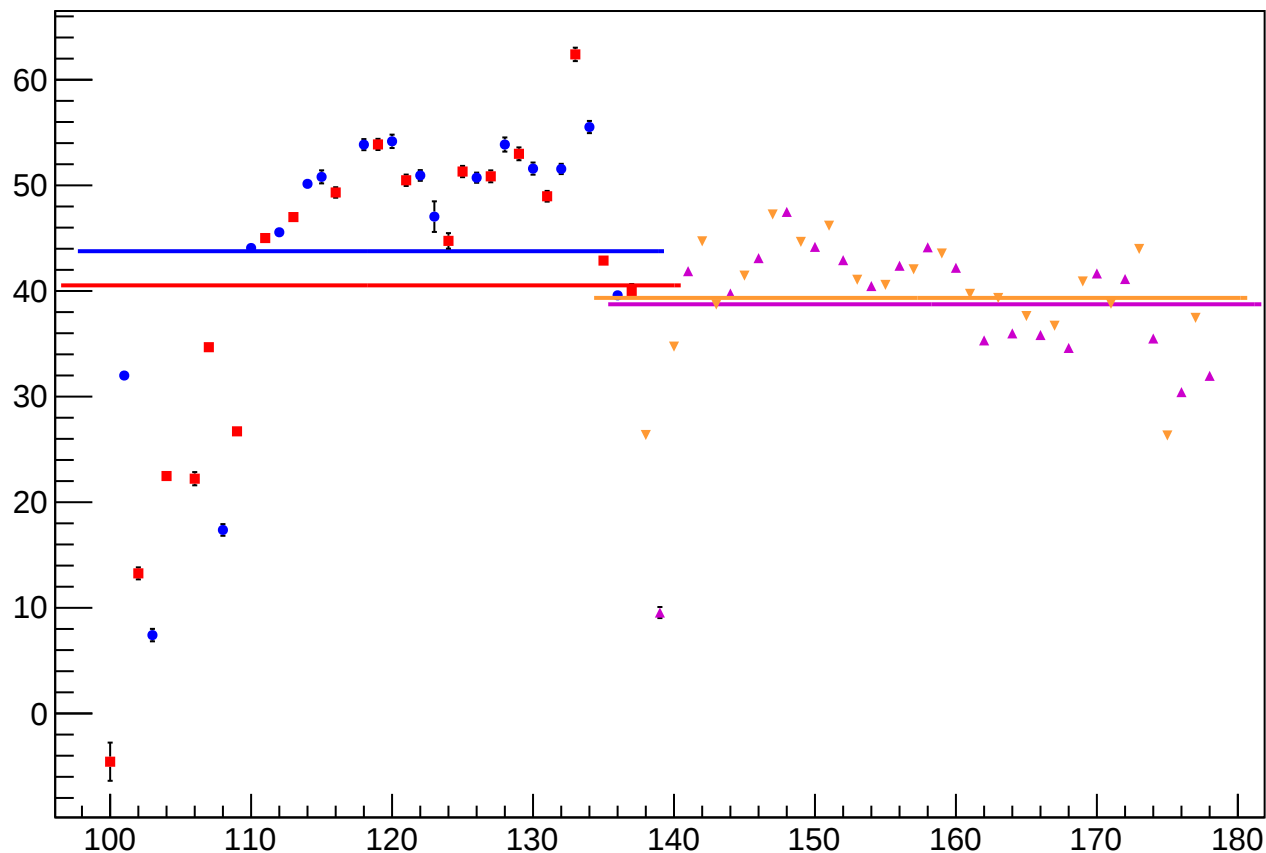
Right: -48.363 ± 0.081 χ^2/NDF : 26406.2/35

In: -33.552 ± 0.055 χ^2/NDF : 59671.0/36

Out: -35.221 ± 0.053 χ^2/NDF : 52643.4/39

All: -34.414 ± 0.038 χ^2/NDF : 112797.0/76

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: 39.346 $\pm$ 0.052 χ^2/NDF :10448.2/20

Right Out: 40.531 $\pm$ 0.080 χ^2/NDF : 17580.8/18

Left In: 38.741 $\pm$ 0.053 χ^2/NDF :10533.7/19

Left: 39.051 $\pm$ 0.037 χ^2/NDF : 21049.0/40

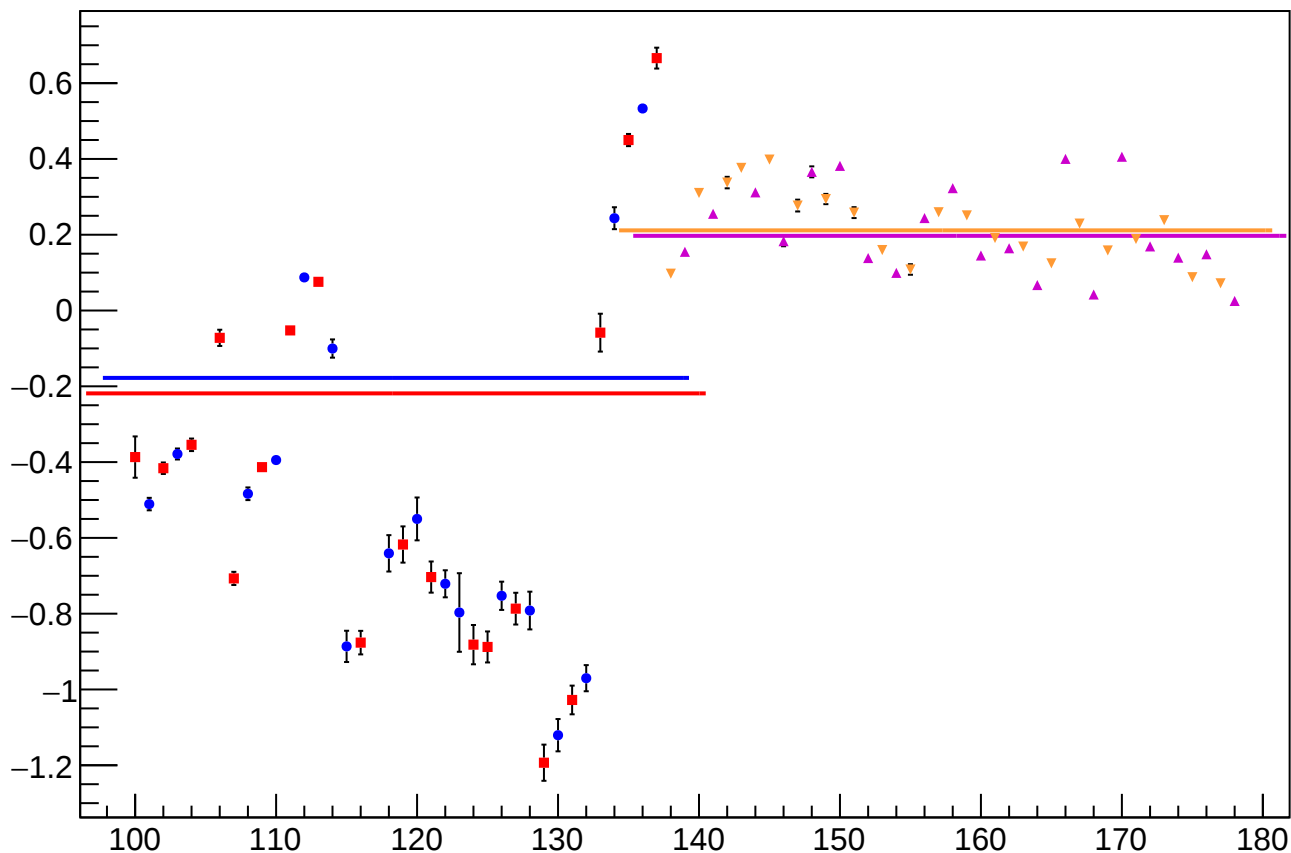
Right: 42.021 $\pm$ 0.059 χ^2/NDF : 28963.8/35

In: 40.100 $\pm$ 0.045 χ^2/NDF :23612.8/36

Out: 39.693 $\pm$ 0.043 χ^2/NDF :28183.8/39

All: 39.888 $\pm$ 0.031 χ^2/NDF : 51838.9/76

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.212 ± 0.002 χ^2/NDF : 1520.4/20

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.197 ± 0.002 χ^2/NDF : 2253.5/19

Left: 0.204 ± 0.002 χ^2/NDF : 3791.9/40

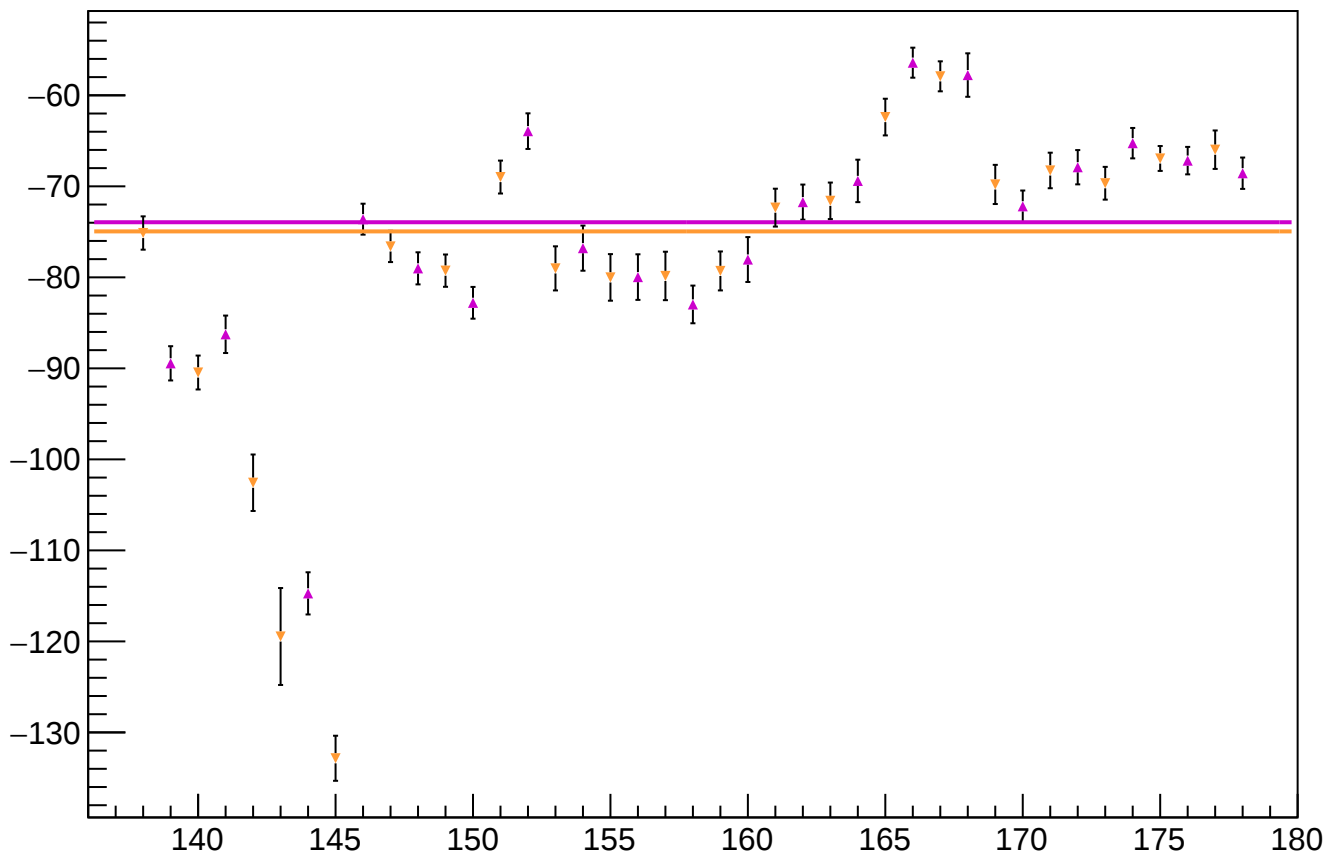
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.123 ± 0.002 χ^2/NDF : 14428.2/36

Out: 0.110 ± 0.002 χ^2/NDF : 16622.2/39

All: 0.116 ± 0.002 χ^2/NDF : 31070.6/76

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -74.952+/-0.440 χ^2/NDF :1025.7/20

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

Left In: -73.945+/-0.429 χ^2/NDF :734.4/19

Left: -74.436+/-0.307 χ^2/NDF : 1762.8/40

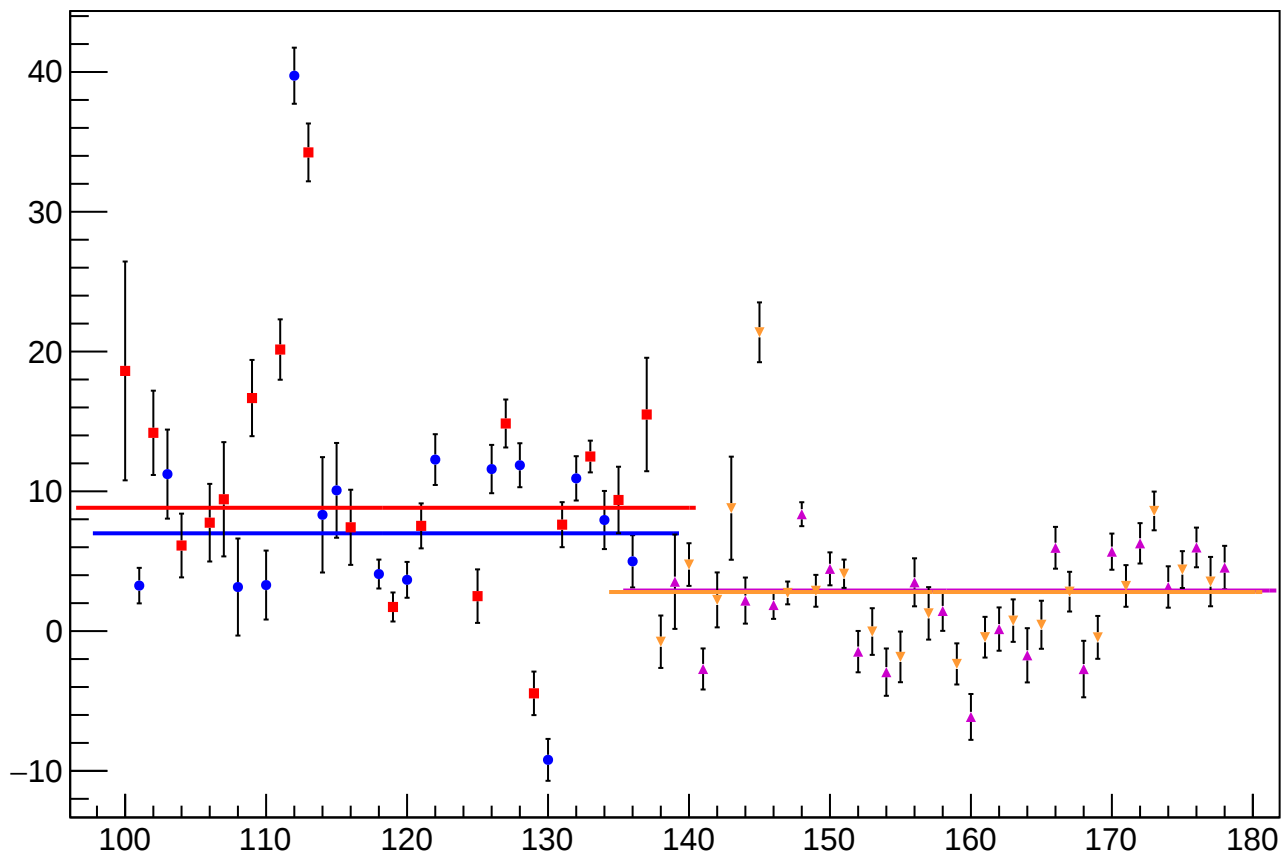
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.945+/-0.429 χ^2/NDF :734.4/19

Out: -74.952+/-0.440 χ^2/NDF :1025.7/20

All: -74.436+/-0.307 χ^2/NDF : 1762.8/40

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: 2.796 ± 0.317 $\chi^2/\text{NDF}: 139.7/20$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.903 ± 0.319 $\chi^2/\text{NDF}: 147.3/19$

Left: 2.849 ± 0.225 $\chi^2/\text{NDF}: 287.1/40$

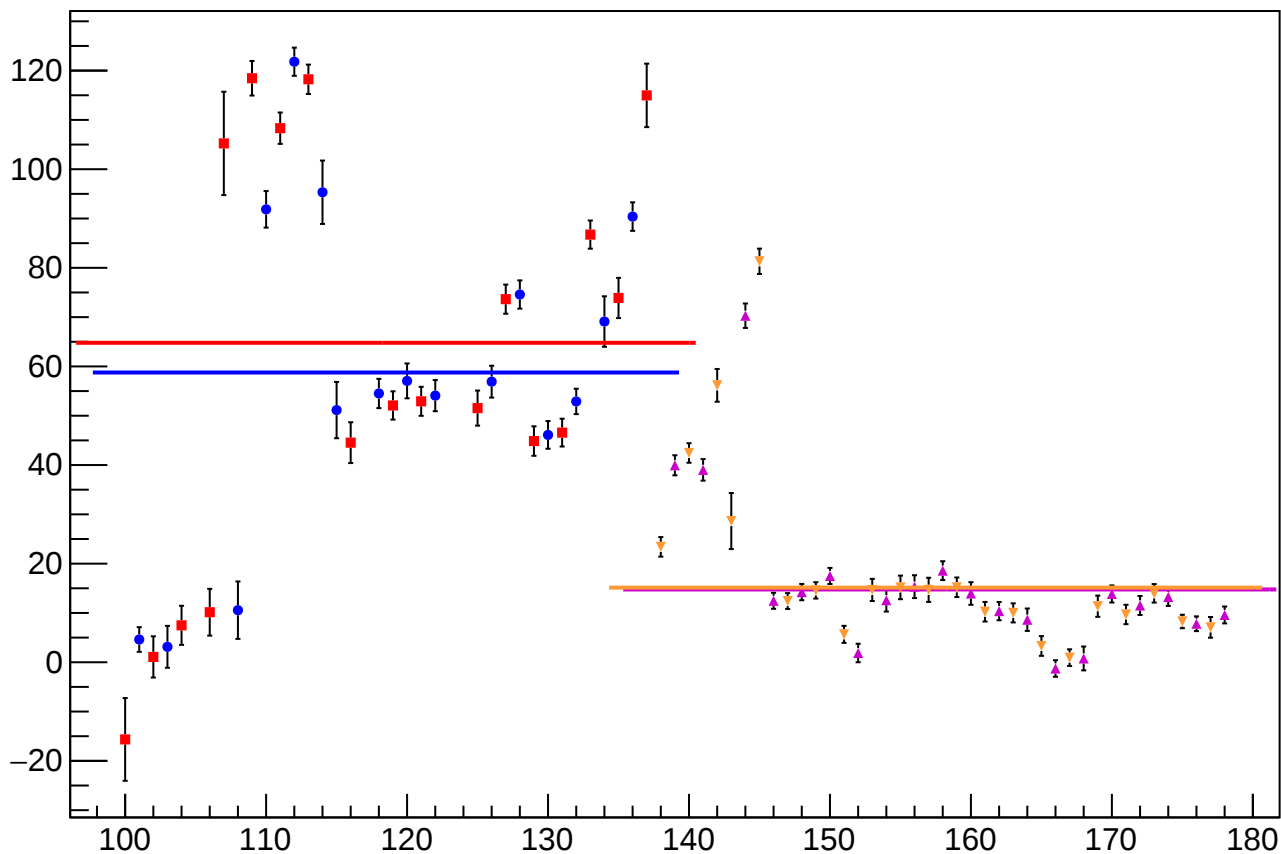
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.336 ± 0.257 $\chi^2/\text{NDF}: 650.4/35$

Out: 4.802 ± 0.259 $\chi^2/\text{NDF}: 610.5/38$

All: 4.567 ± 0.182 $\chi^2/\text{NDF}: 1262.5/74$

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: 15.141 $\pm$ 0.434 χ^2 /NDF:1232.0/20

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 14.762 $\pm$ 0.424 χ^2 /NDF:1006.8/19

Left: 14.947 $\pm$ 0.303 χ^2 /NDF: 2239.2/40

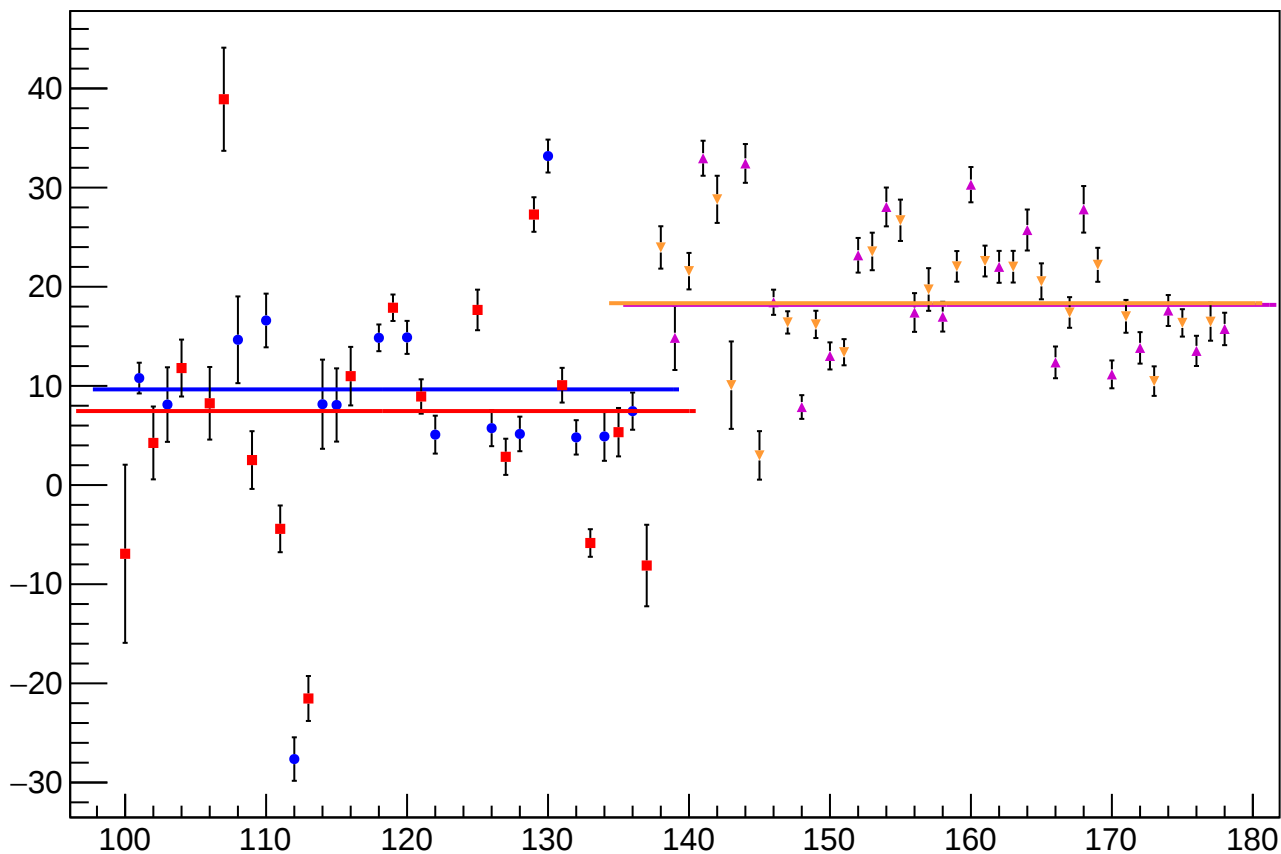
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 23.822 $\pm$ 0.378 χ^2 /NDF:4717.0/35

Out: 25.600 $\pm$ 0.386 χ^2 /NDF:5704.7/38

All: 24.693 $\pm$ 0.270 χ^2 /NDF: 10432.6/74

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 18.341 ± 0.367 $\chi^2/\text{NDF}: 172.9/20$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 18.171 ± 0.366 $\chi^2/\text{NDF}: 386.6/19$

Left: 18.256 ± 0.259 $\chi^2/\text{NDF}: 559.5/40$

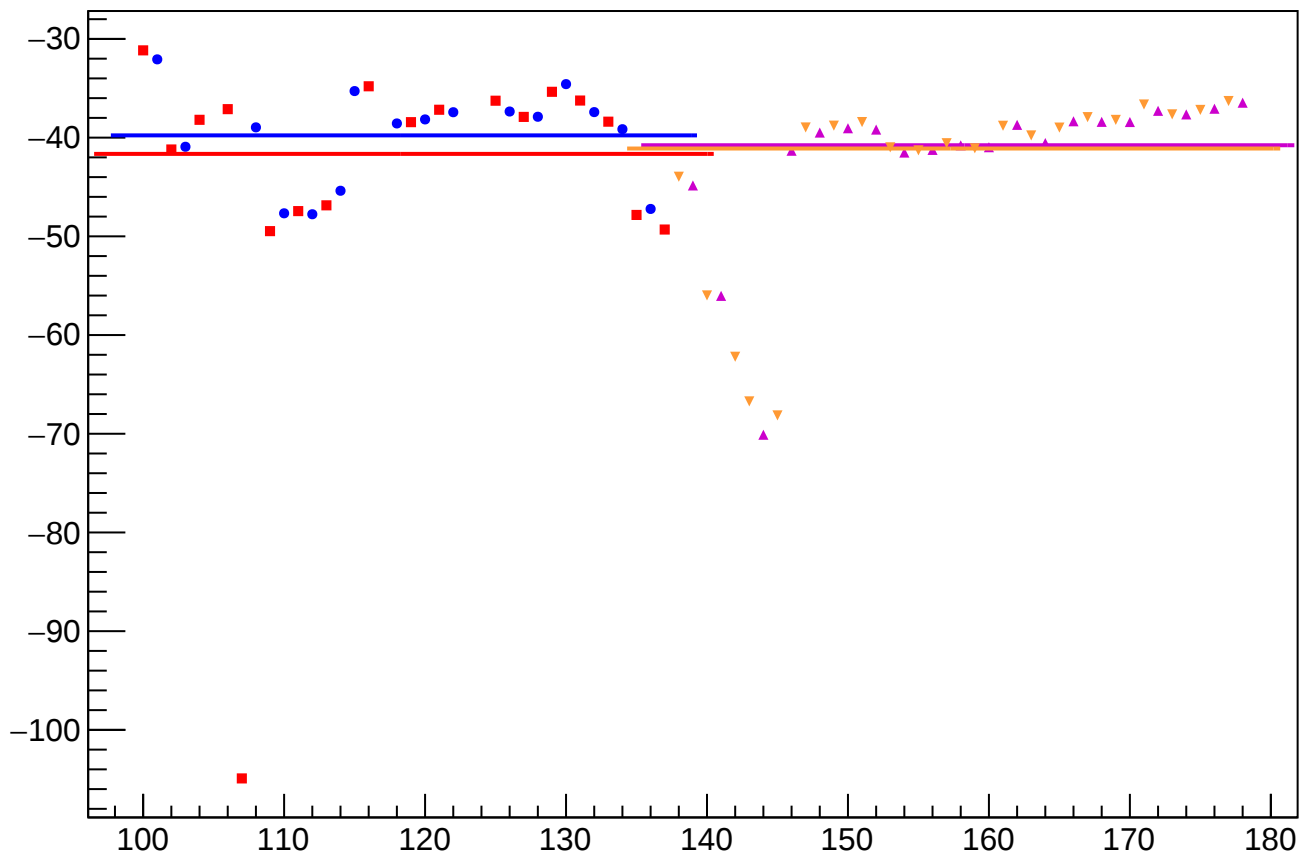
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 15.210 ± 0.296 $\chi^2/\text{NDF}: 1128.2/35$

Out: 14.685 ± 0.299 $\chi^2/\text{NDF}: 1035.2/38$

All: 14.950 ± 0.210 $\chi^2/\text{NDF}: 2165.0/74$

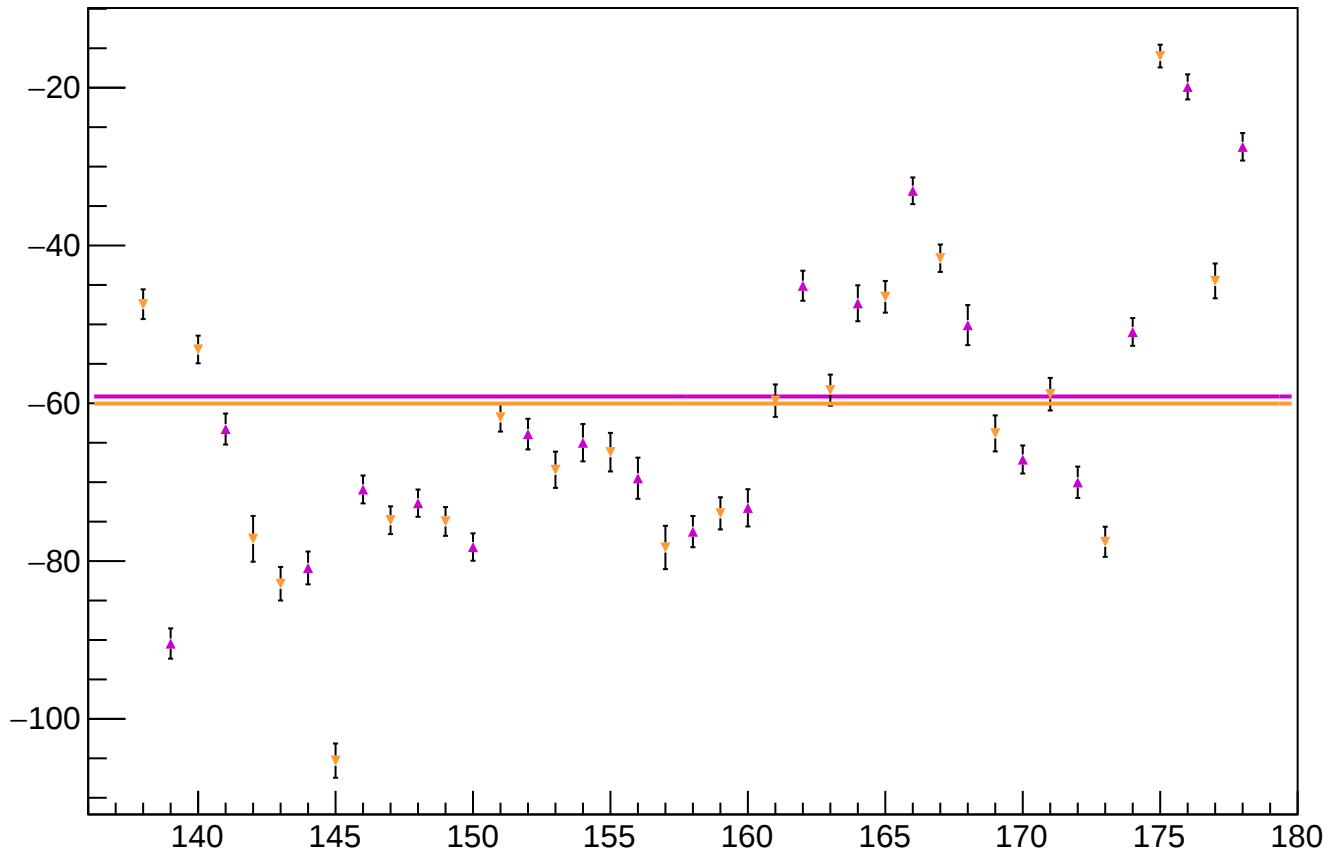
reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$
 Left Out: -41.103 ± 0.017 $\chi^2/\text{NDF}: 161312.6/20$
 Right Out: -41.647 ± 0.031 $\chi^2/\text{NDF}: 94514.5/17$
 Left In: -40.771 ± 0.017 $\chi^2/\text{NDF}: 121965.9/19$

Left: -40.933 ± 0.012 $\chi^2/\text{NDF}: 283466.9/40$
 Right: -40.706 ± 0.022 $\chi^2/\text{NDF}: 122504.5/33$
 In: -40.543 ± 0.015 $\chi^2/\text{NDF}: 148940.5/35$
 Out: -41.232 ± 0.015 $\chi^2/\text{NDF}: 256059.4/38$
 All: -40.880 ± 0.011 $\chi^2/\text{NDF}: 406052.6/74$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -60.033+/-0.435 χ^2/NDF :2119.0/20

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

Left In: -59.137+/-0.432 χ^2/NDF :2085.9/19

Left: -59.582+/-0.306 χ^2/NDF : 4207.1/40

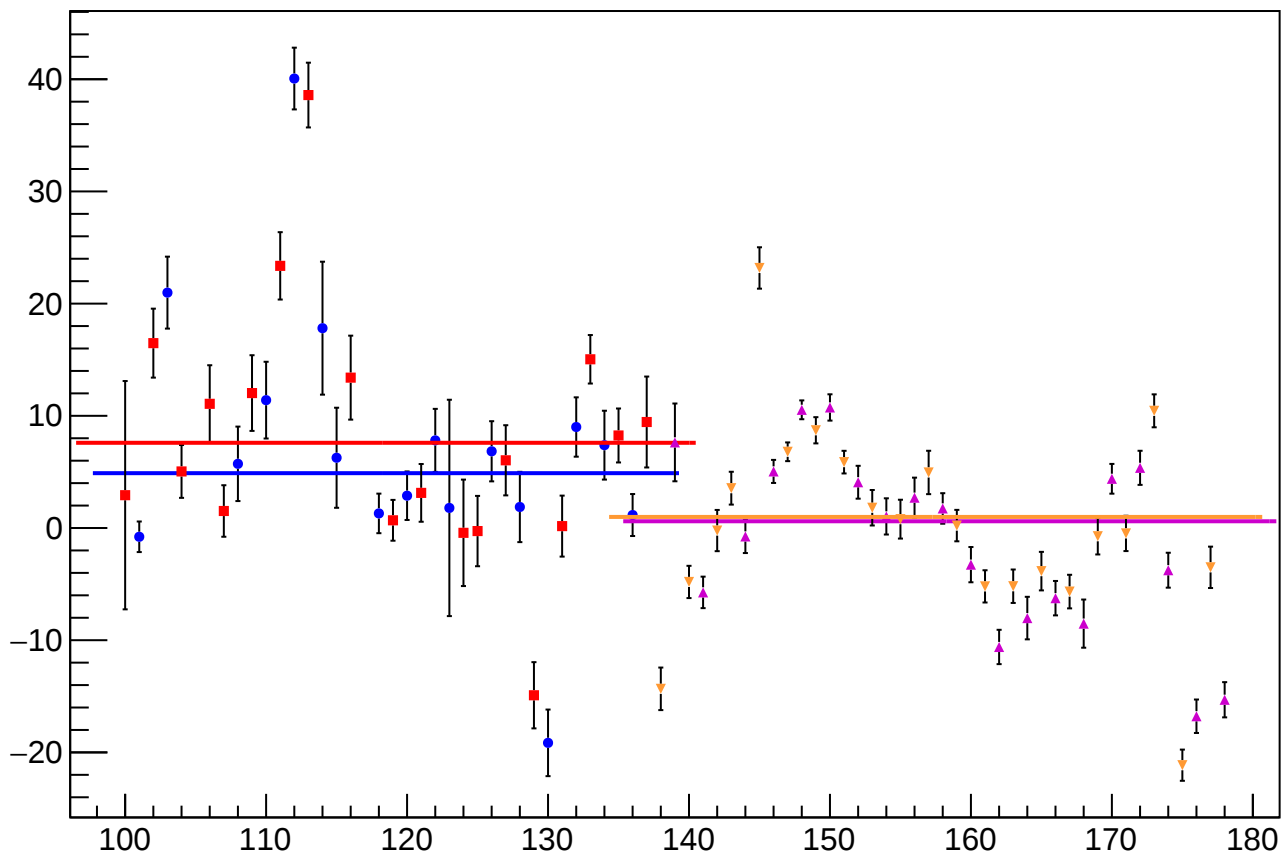
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -59.137+/-0.432 χ^2/NDF :2085.9/19

Out: -60.033+/-0.435 χ^2/NDF :2119.0/20

All: -59.582+/-0.306 χ^2/NDF : 4207.1/40

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2 /NDF: 294.7/16

Left Out: 0.988 $\pm$ 0.312 χ^2 /NDF: 716.2/20

Right Out: 7.596 $\pm$ 0.651 χ^2 /NDF: 269.4/18

Left In: 0.600 $\pm$ 0.318 χ^2 /NDF: 649.5/19

Left: 0.798 $\pm$ 0.223 χ^2 /NDF: 1366.5/40

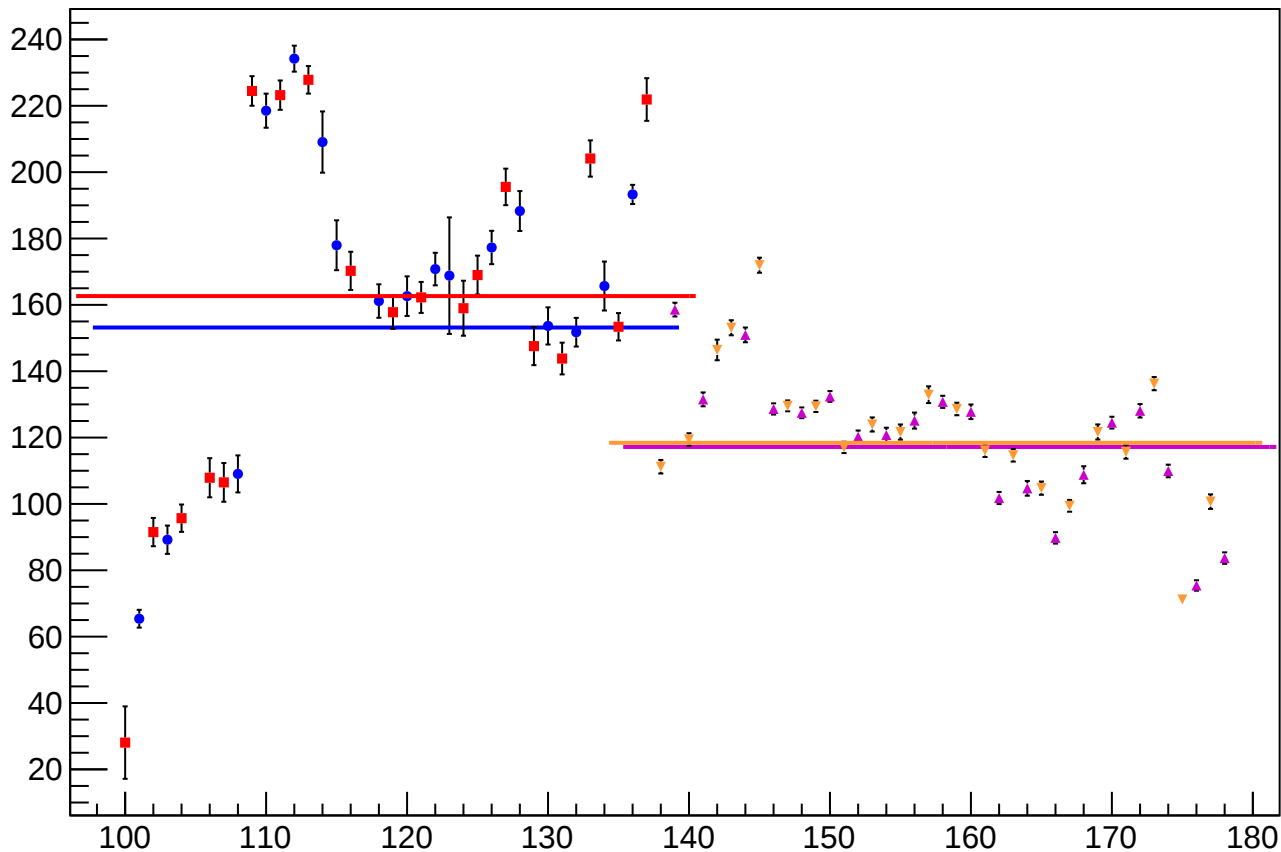
Right: 6.180 $\pm$ 0.450 χ^2 /NDF: 573.2/35

In: 1.490 $\pm$ 0.283 χ^2 /NDF: 981.9/36

Out: 2.224 $\pm$ 0.281 χ^2 /NDF: 1069.4/39

All: 1.859 $\pm$ 0.200 χ^2 /NDF: 2054.6/76

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 118.420 $\pm$ 0.431 χ^2 /NDF:2431.3/20

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 117.169 $\pm$ 0.426 χ^2 /NDF:2447.8/19

Left: 117.788 $\pm$ 0.303 χ^2 /NDF: 4883.4/40

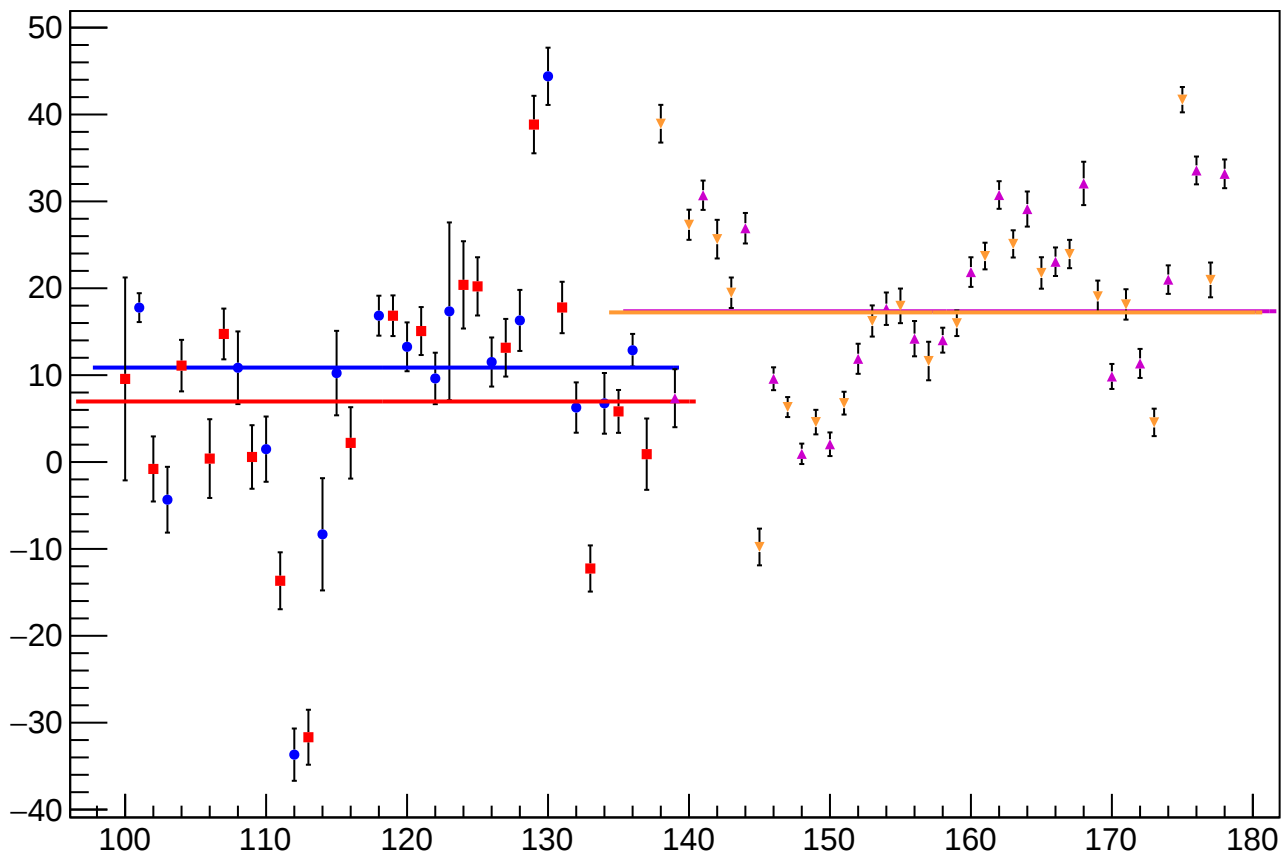
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 121.540 $\pm$ 0.399 χ^2 /NDF:5578.8/36

Out: 123.649 $\pm$ 0.404 χ^2 /NDF:5386.7/39

All: 122.581 $\pm$ 0.284 χ^2 /NDF: 10979.2/76

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: 17.223 $\pm$ 0.362 χ^2 /NDF:971.4/20

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 17.355 $\pm$ 0.367 χ^2 /NDF:873.5/19

Left: 17.288 $\pm$ 0.258 χ^2 /NDF: 1844.9/40

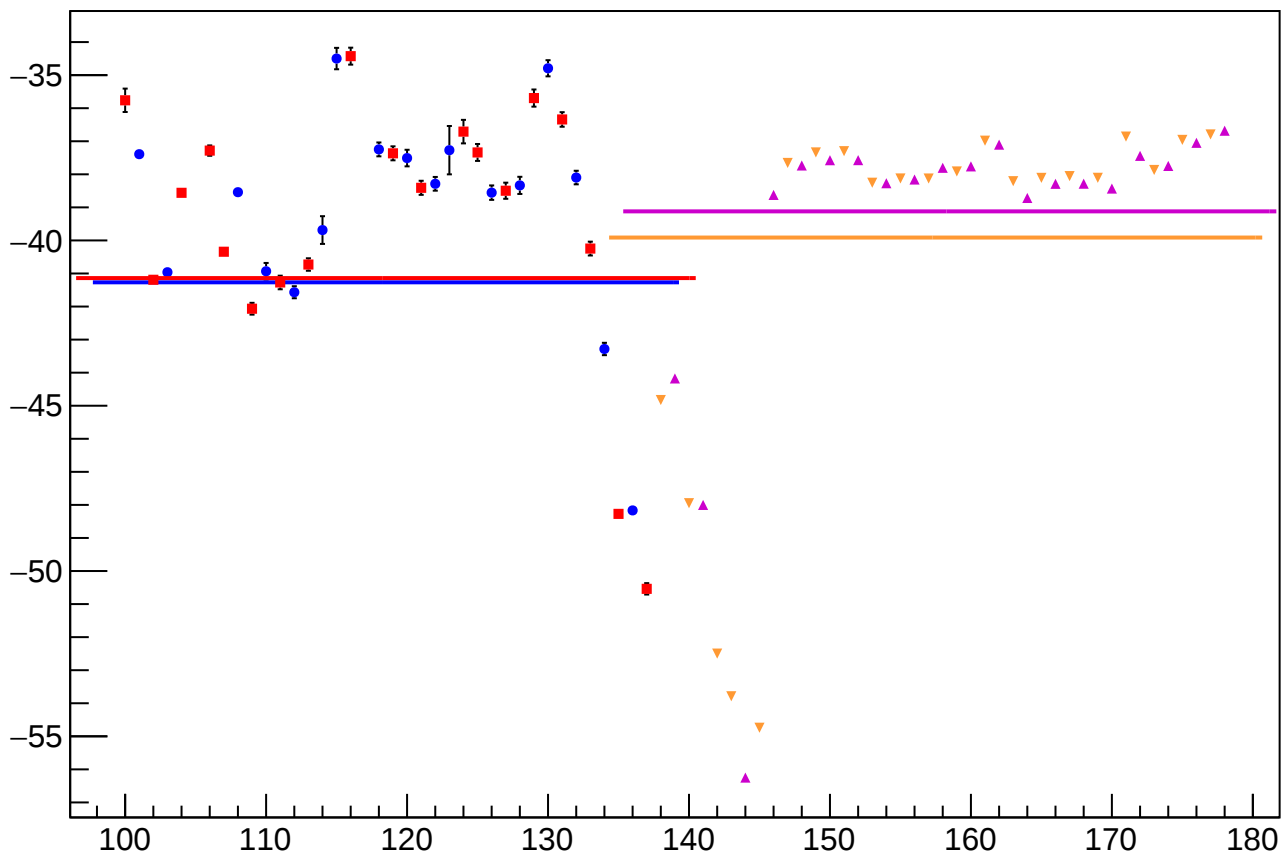
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 16.004 $\pm$ 0.326 χ^2 /NDF:1325.3/36

Out: 15.274 $\pm$ 0.326 χ^2 /NDF:1546.1/39

All: 15.639 $\pm$ 0.231 χ^2 /NDF: 2874.0/76

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 χ^2/NDF : 12581.8/16

Left Out: -39.913 ± 0.017 χ^2/NDF : 88894.5/20

Right Out: -41.139 ± 0.039 χ^2/NDF : 12242.4/18

Left In: -39.121 ± 0.017 χ^2/NDF : 52851.4/19

Left: -39.512 ± 0.012 χ^2/NDF : 142820.2/40

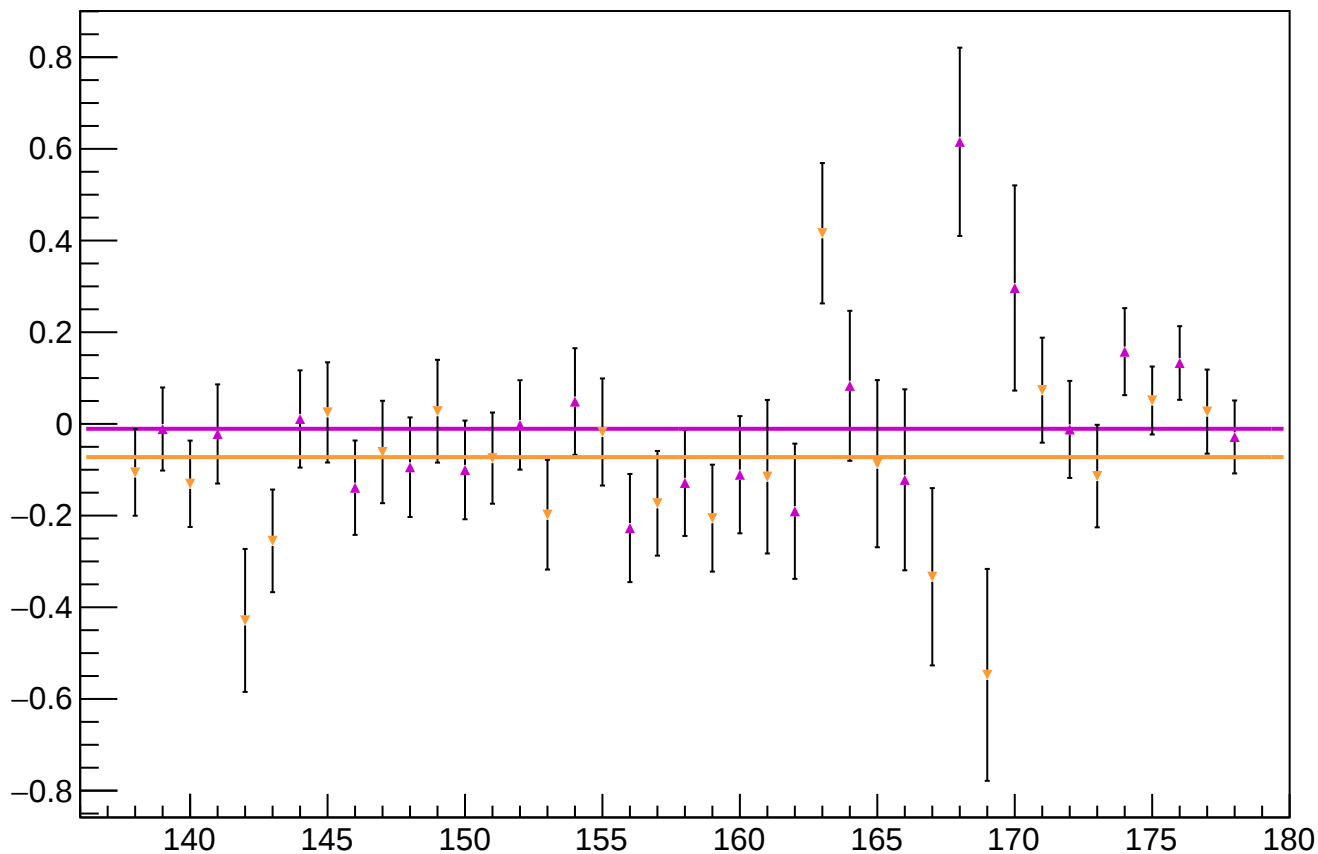
Right: -41.203 ± 0.027 χ^2/NDF : 24829.7/35

In: -39.470 ± 0.016 χ^2/NDF : 68032.1/36

Out: -40.115 ± 0.016 χ^2/NDF : 101978.6/39

All: -39.789 ± 0.011 χ^2/NDF : 170864.4/76

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: -0.072 $\pm$ 0.025 χ^2 /NDF:35.4/20

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

Left In: -0.011 $\pm$ 0.025 χ^2 /NDF:27.9/19

Left: -0.041 $\pm$ 0.018 χ^2 /NDF: 66.3/40

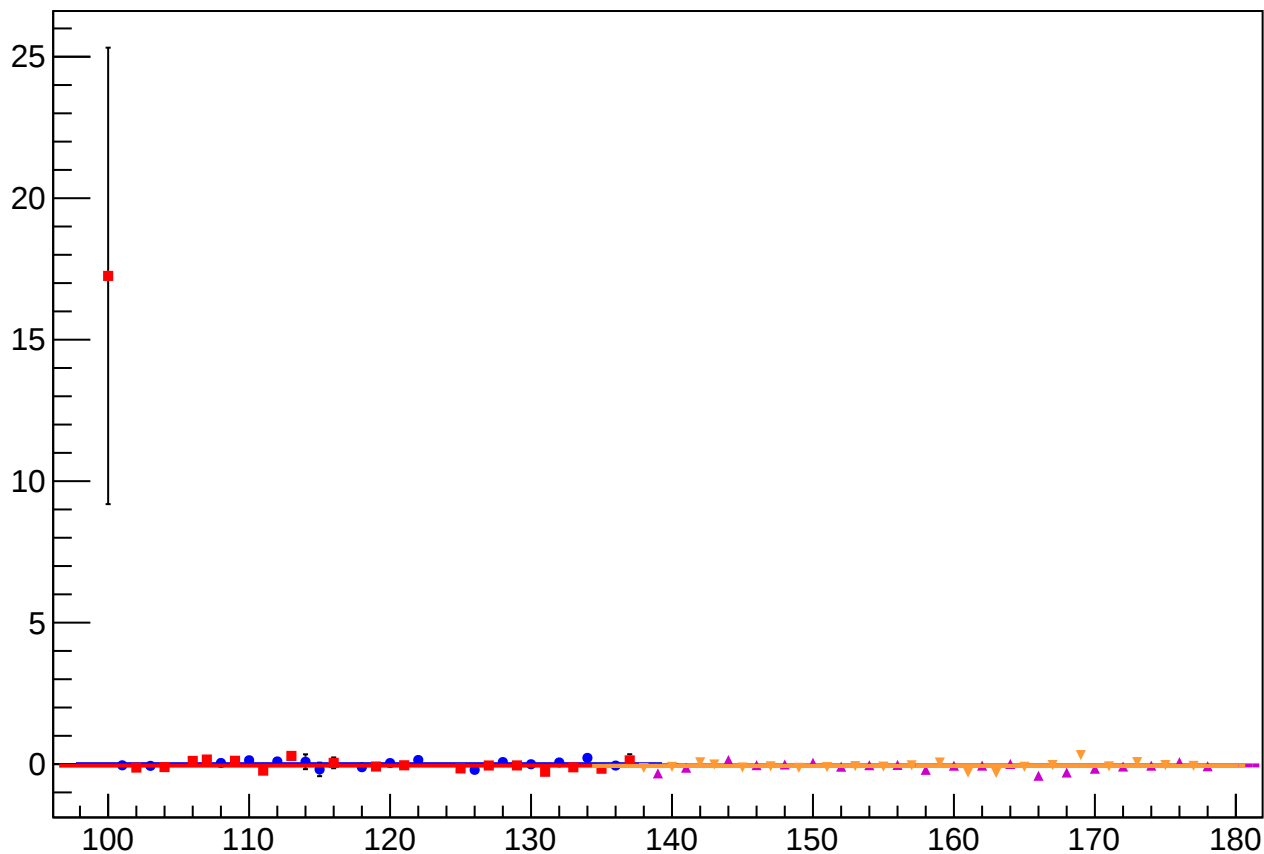
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.011 $\pm$ 0.025 χ^2 /NDF:27.9/19

Out: -0.072 $\pm$ 0.025 χ^2 /NDF:35.4/20

All: -0.041 $\pm$ 0.018 χ^2 /NDF: 66.3/40

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.068 ± 0.018 χ^2/NDF : 23.6/20

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.046 ± 0.019 χ^2/NDF : 26.1/19

Left: -0.057 ± 0.013 χ^2/NDF : 50.3/40

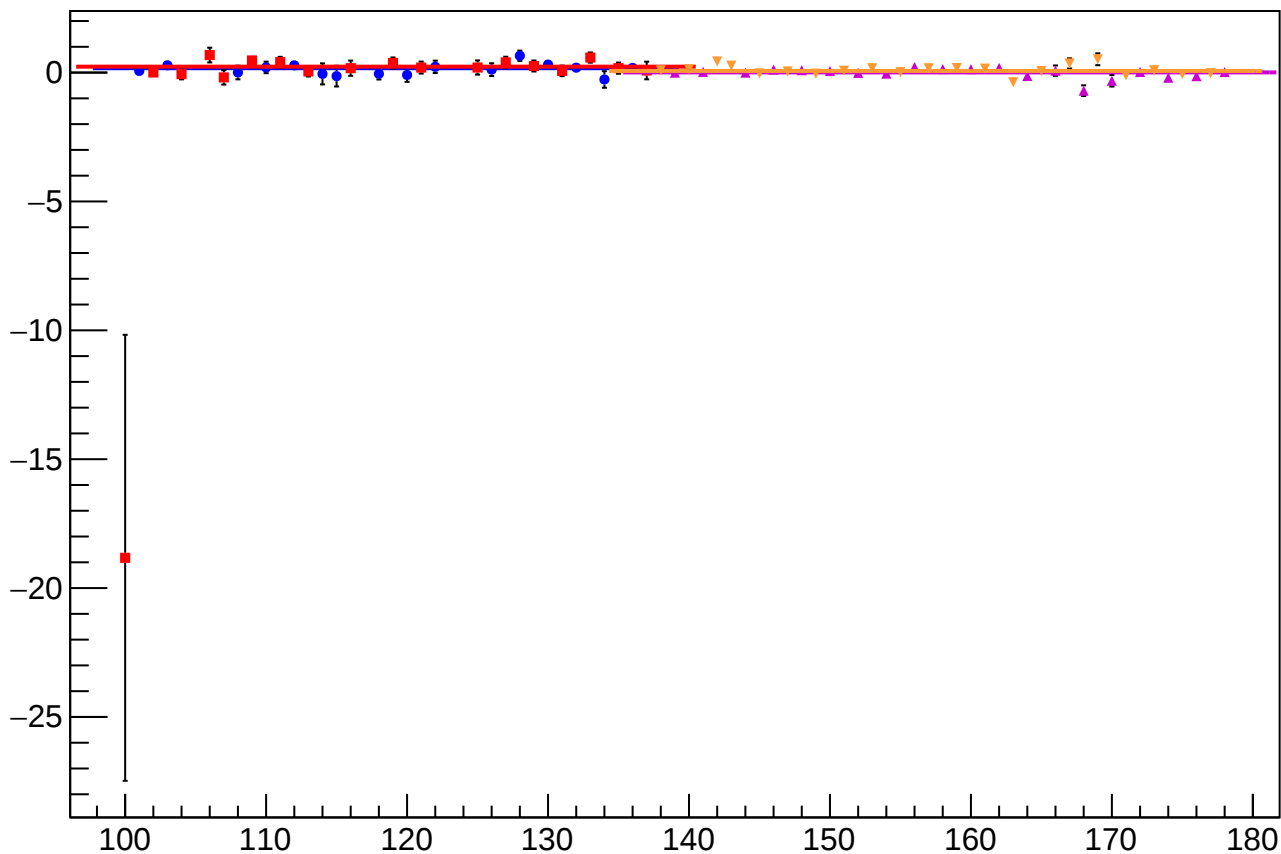
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.033 ± 0.016 χ^2/NDF : 40.0/35

Out: -0.064 ± 0.016 χ^2/NDF : 49.3/38

All: -0.048 ± 0.011 χ^2/NDF : 91.2/74

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: 0.063 $\pm$ 0.025 χ^2 /NDF:33.9/20

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.007 $\pm$ 0.025 χ^2 /NDF:32.4/19

Left: 0.035 $\pm$ 0.017 χ^2 /NDF: 68.9/40

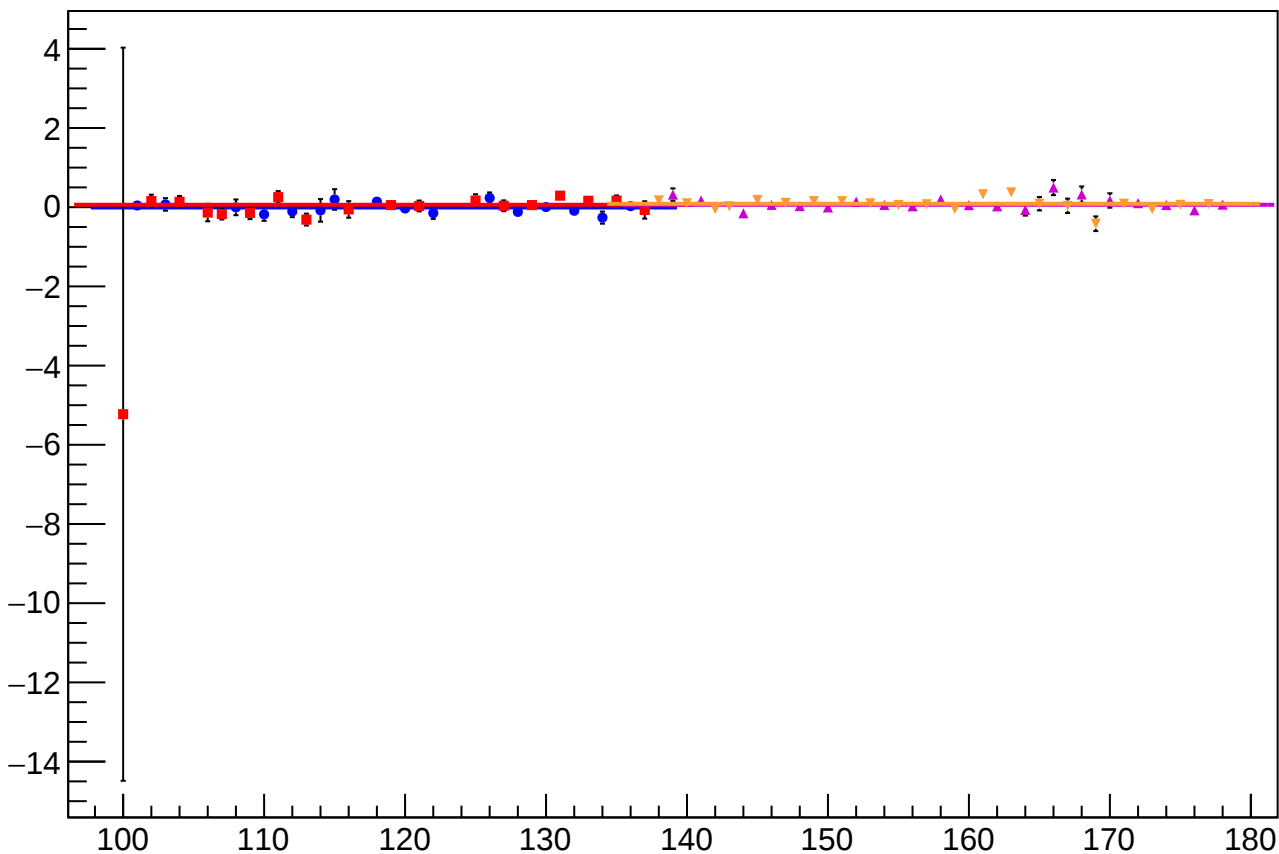
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.036 $\pm$ 0.022 χ^2 /NDF:53.4/35

Out: 0.092 $\pm$ 0.023 χ^2 /NDF:63.5/38

All: 0.064 $\pm$ 0.016 χ^2 /NDF: 120.0/74

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.086 ± 0.021 χ^2/NDF : 25.9/20

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.061 ± 0.022 χ^2/NDF : 25.4/19

Left: 0.074 ± 0.015 χ^2/NDF : 52.0/40

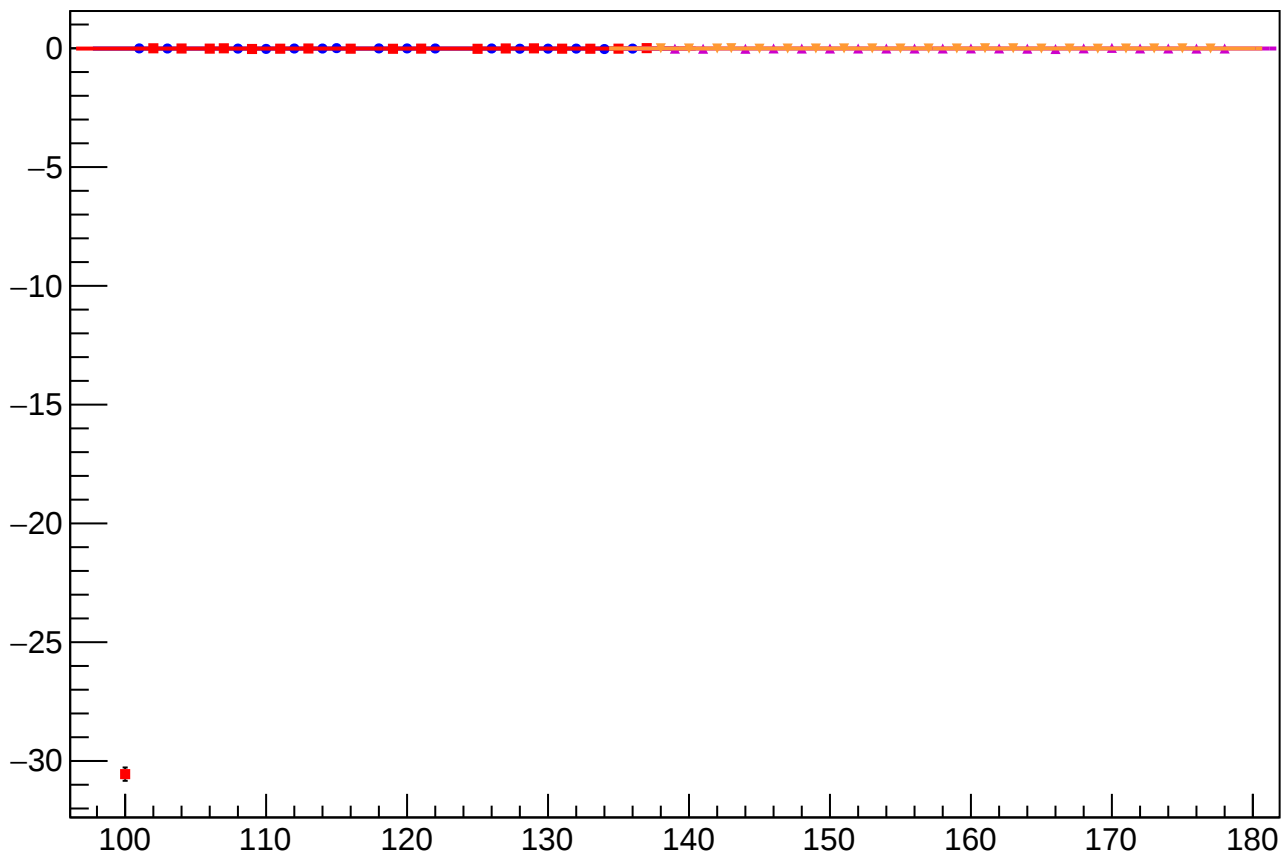
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.040 ± 0.018 χ^2/NDF : 41.6/35

Out: 0.079 ± 0.018 χ^2/NDF : 46.6/38

All: 0.060 ± 0.013 χ^2/NDF : 90.5/74

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 20.4/20

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.010 ± 0.001 χ^2/NDF : 31.8/19

Left: -0.009 ± 0.001 χ^2/NDF : 54.4/40

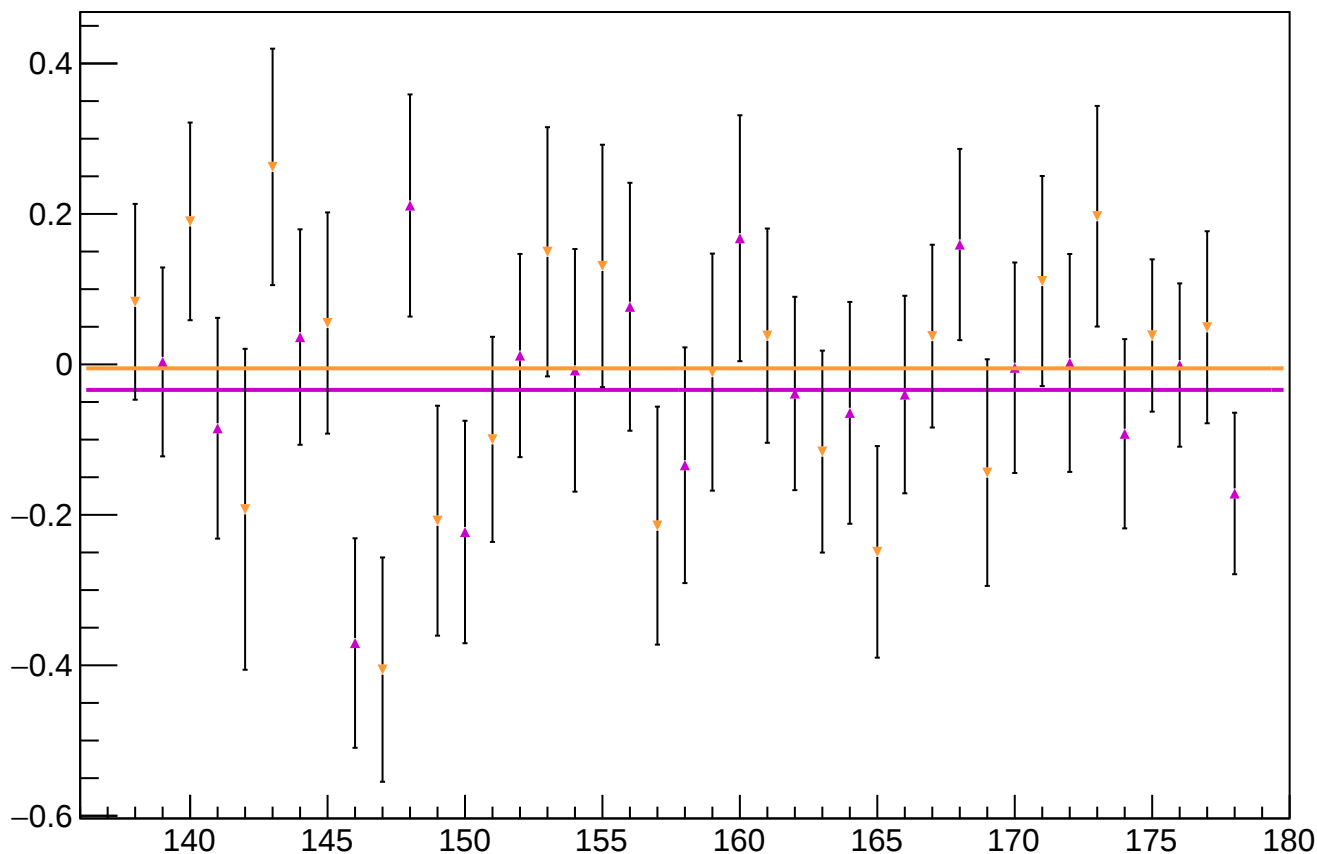
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.010 ± 0.001 χ^2/NDF : 45.5/35

Out: -0.009 ± 0.001 χ^2/NDF : 11915.0/38

All: -0.010 ± 0.001 χ^2/NDF : 11962.2/74

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: -0.005 $\pm$ 0.031 χ^2 /NDF:27.0/20

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

Left In: -0.034 $\pm$ 0.031 χ^2 /NDF:17.6/19

Left: -0.020 $\pm$ 0.022 χ^2 /NDF: 45.1/40

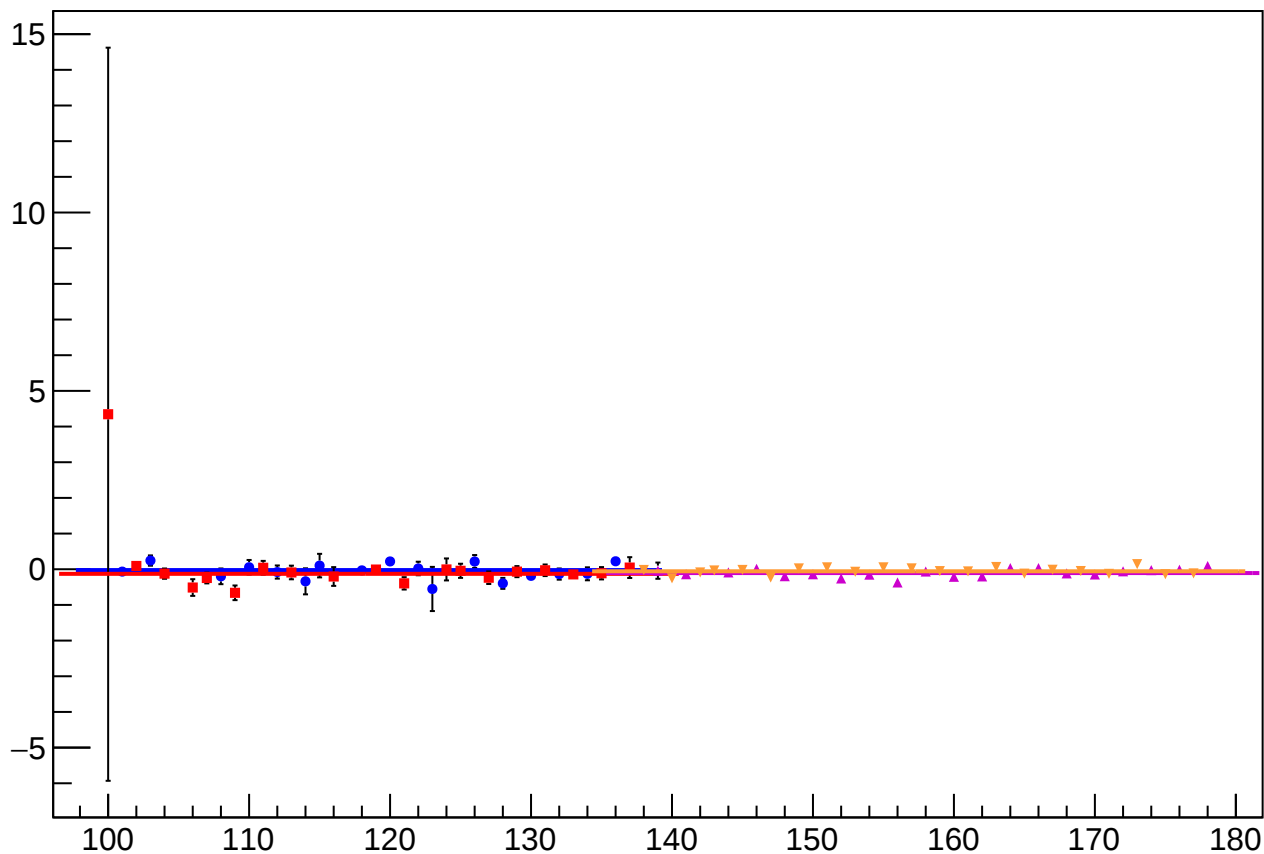
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.034 $\pm$ 0.031 χ^2 /NDF:17.6/19

Out: -0.005 $\pm$ 0.031 χ^2 /NDF:27.0/20

All: -0.020 $\pm$ 0.022 χ^2 /NDF: 45.1/40

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.057 ± 0.023 $\chi^2/\text{NDF}: 20.3/20$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.8/18$

Left In: -0.107 ± 0.023 $\chi^2/\text{NDF}: 22.0/19$

Left: -0.081 ± 0.016 $\chi^2/\text{NDF}: 44.6/40$

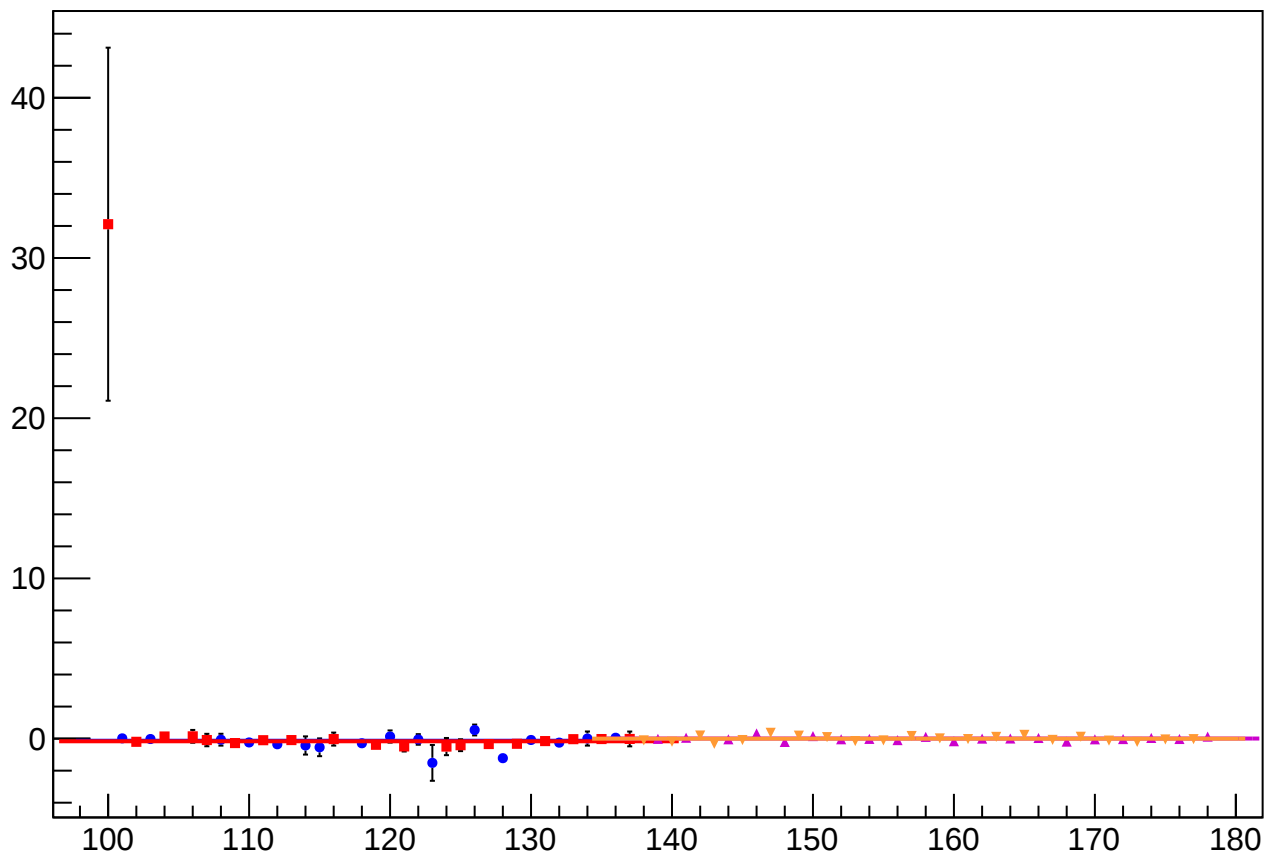
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 45.1/35$

In: -0.083 ± 0.020 $\chi^2/\text{NDF}: 48.1/36$

Out: -0.075 ± 0.020 $\chi^2/\text{NDF}: 41.6/39$

All: -0.079 ± 0.014 $\chi^2/\text{NDF}: 89.8/76$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.002 ± 0.031 χ^2/NDF : 26.6/20

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: 0.005 ± 0.030 χ^2/NDF : 15.7/19

Left: 0.002 ± 0.022 χ^2/NDF : 42.3/40

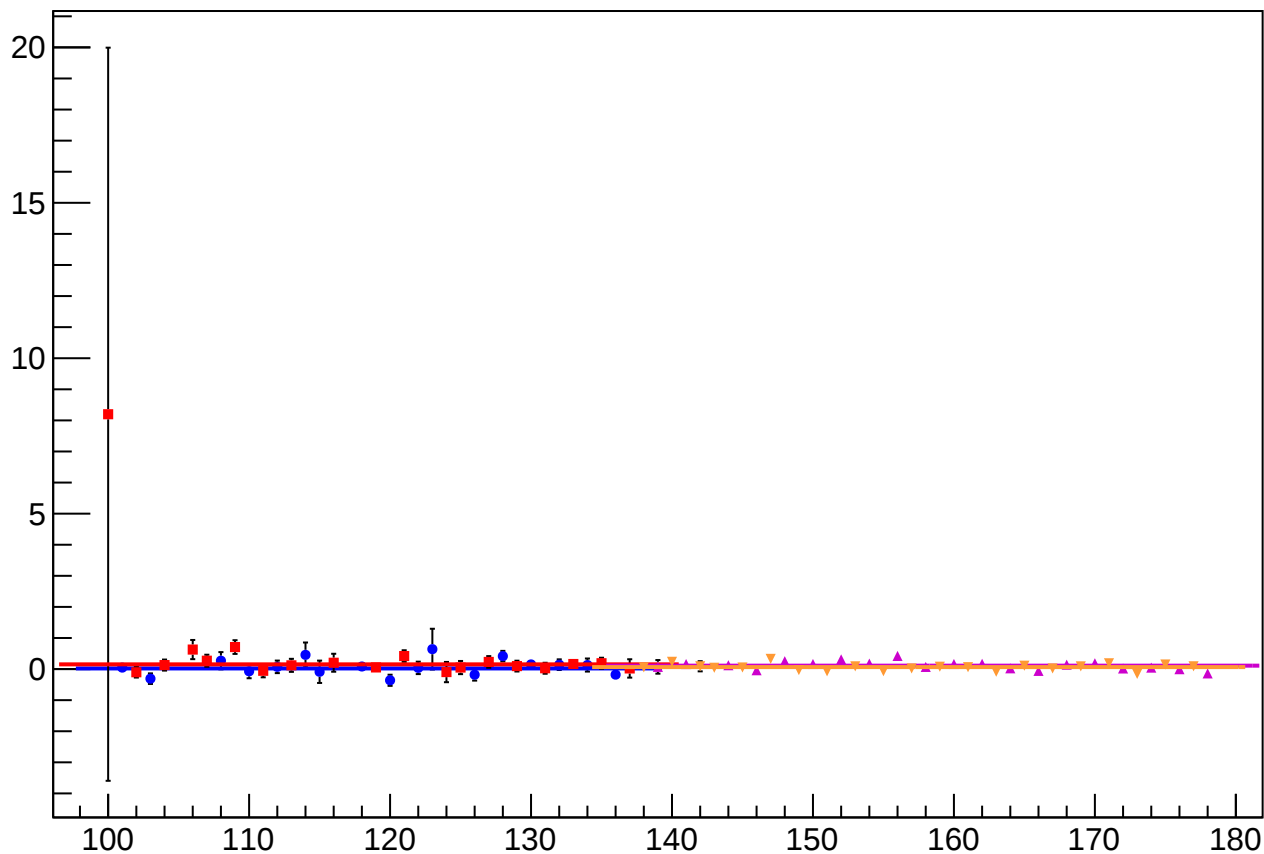
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.018 ± 0.028 χ^2/NDF : 45.0/36

Out: -0.028 ± 0.028 χ^2/NDF : 45.8/39

All: -0.023 ± 0.020 χ^2/NDF : 90.9/76

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.064 $\pm$ 0.026 χ^2 /NDF:20.0/20

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.110 $\pm$ 0.027 χ^2 /NDF:24.5/19

Left: 0.087 $\pm$ 0.019 χ^2 /NDF: 46.0/40

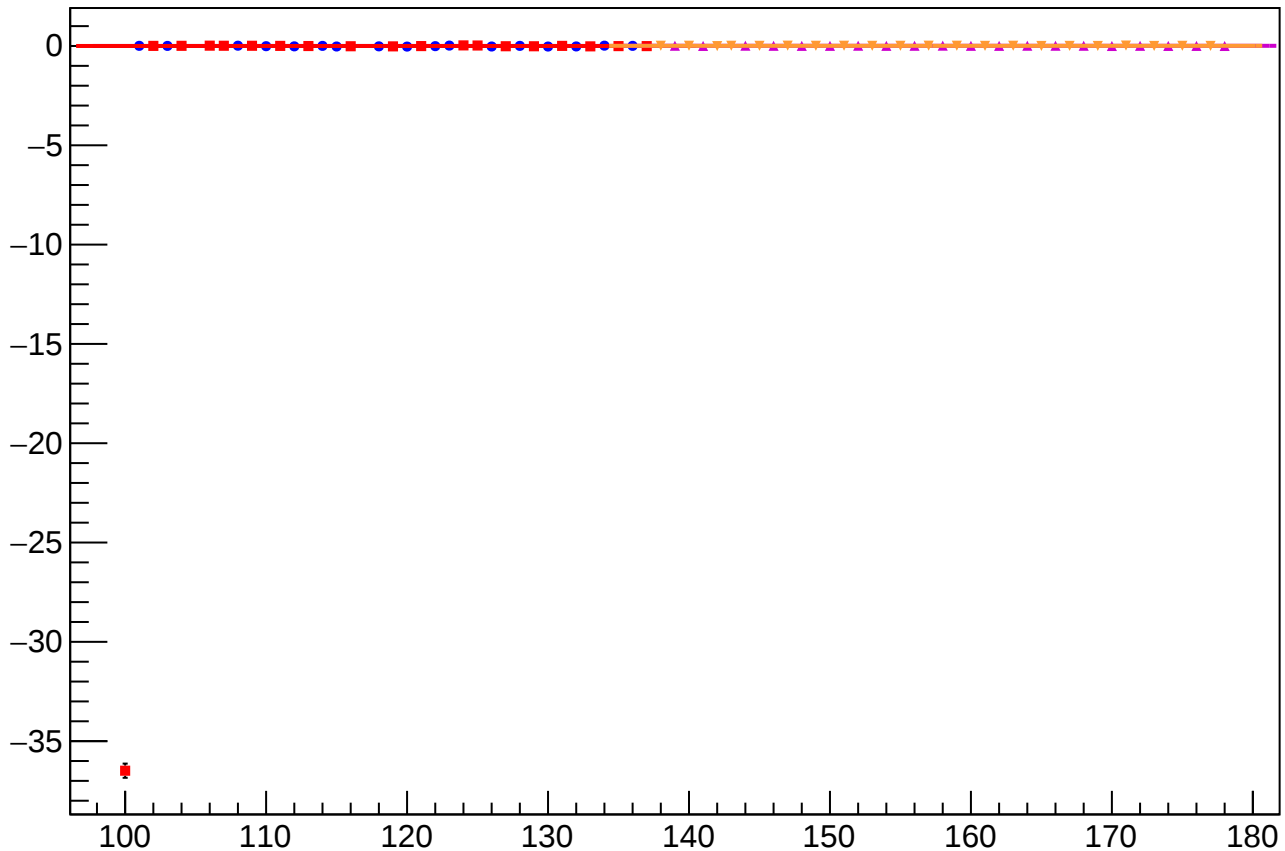
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.085 $\pm$ 0.022 χ^2 /NDF:49.5/36

Out: 0.086 $\pm$ 0.023 χ^2 /NDF:40.1/39

All: 0.085 $\pm$ 0.016 χ^2 /NDF: 89.6/76

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: 0.009 $\pm$ 0.001 χ^2 /NDF:19.9/20

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.009 $\pm$ 0.001 χ^2 /NDF:15.2/19

Left: 0.009 $\pm$ 0.001 χ^2 /NDF: 35.1/40

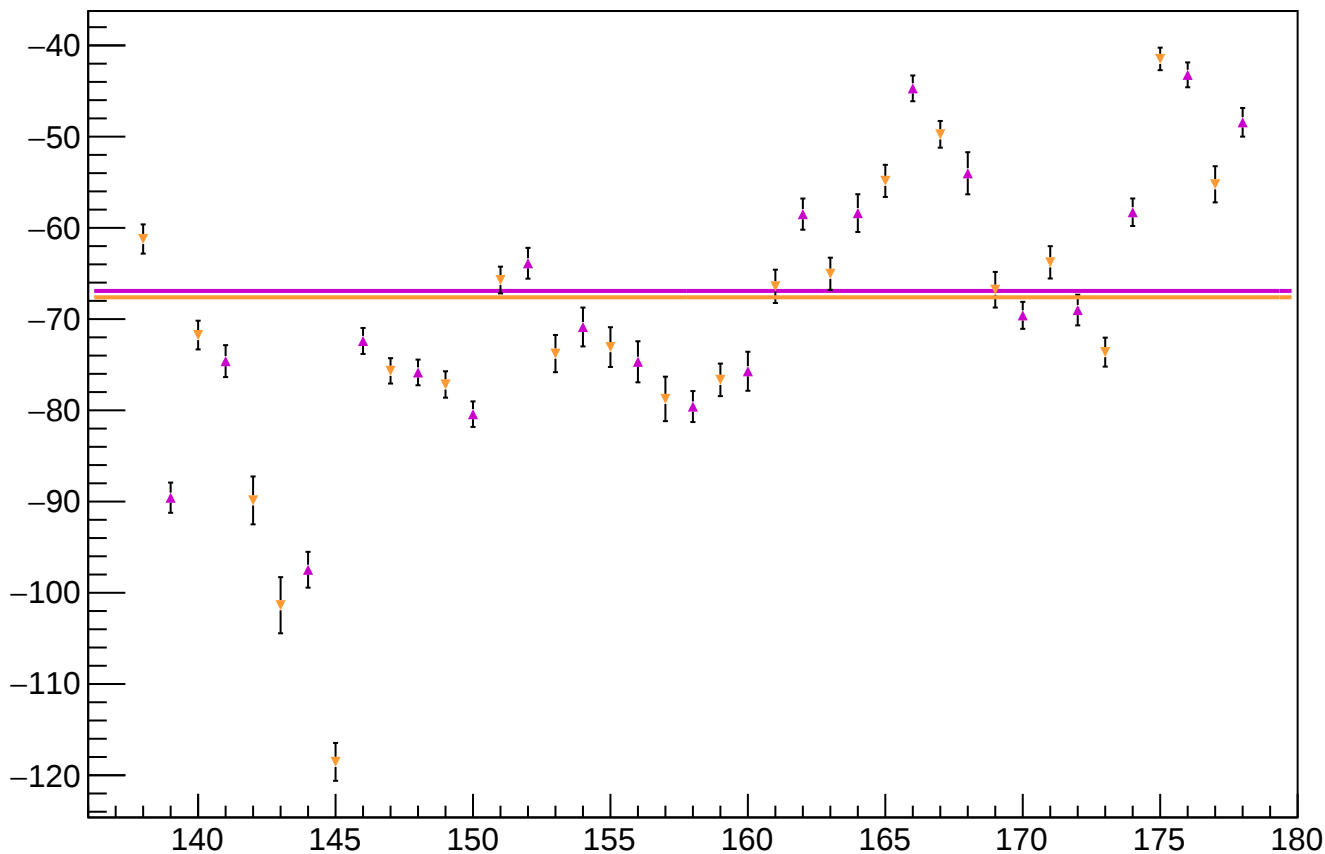
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.007 $\pm$ 0.001 χ^2 /NDF:57.9/36

Out: 0.007 $\pm$ 0.001 χ^2 /NDF:10479.8/39

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10537.7/76

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -67.610 $\pm$ 0.379 χ^2 /NDF:1668.9/20

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

Left In: -66.912 $\pm$ 0.371 χ^2 /NDF:1486.5/19

Left: -67.254 $\pm$ 0.265 χ^2 /NDF: 3157.1/40

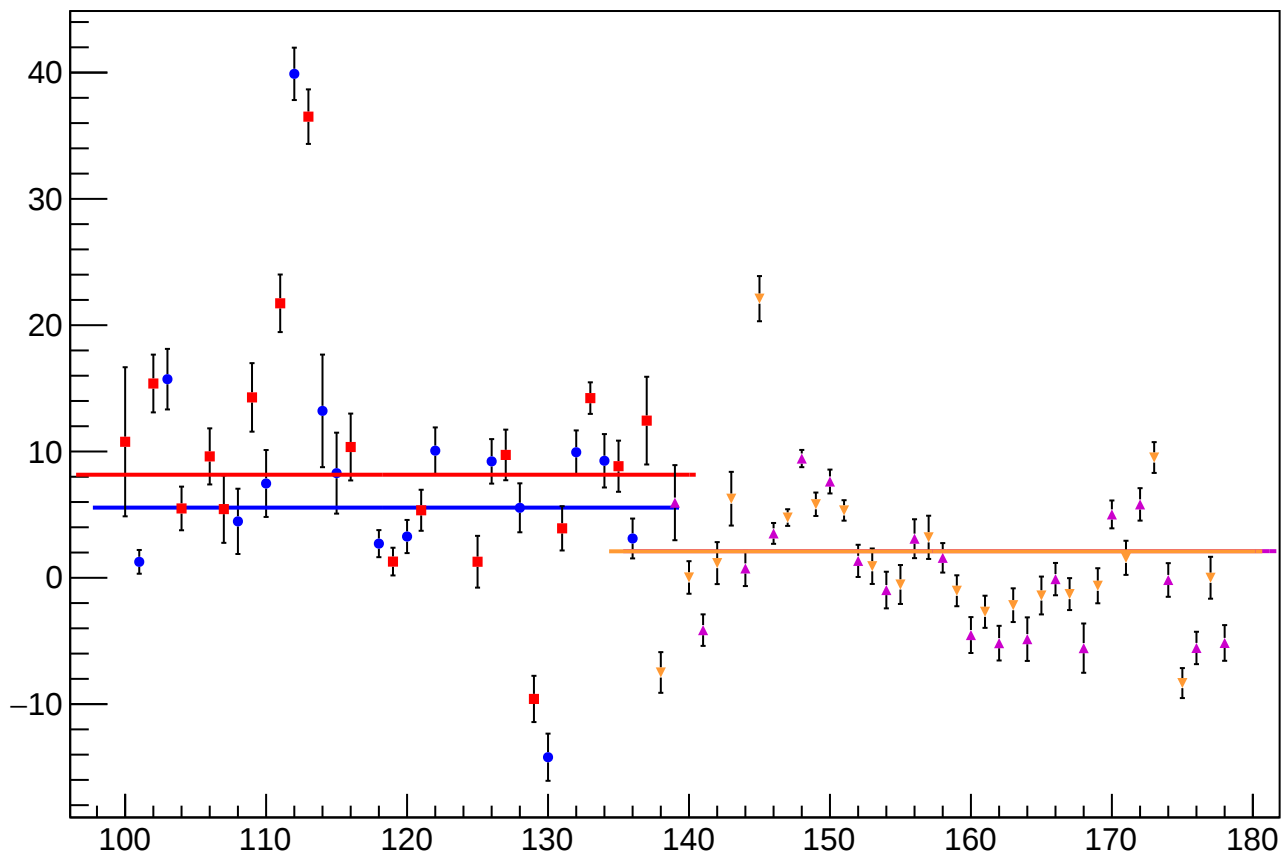
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -66.912 $\pm$ 0.371 χ^2 /NDF:1486.5/19

Out: -67.610 $\pm$ 0.379 χ^2 /NDF:1668.9/20

All: -67.254 $\pm$ 0.265 χ^2 /NDF: 3157.1/40

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 2.097 ± 0.269 $\chi^2/\text{NDF}: 383.2/20$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 2.110 ± 0.271 $\chi^2/\text{NDF}: 350.9/19$

Left: 2.103 ± 0.191 $\chi^2/\text{NDF}: 734.1/40$

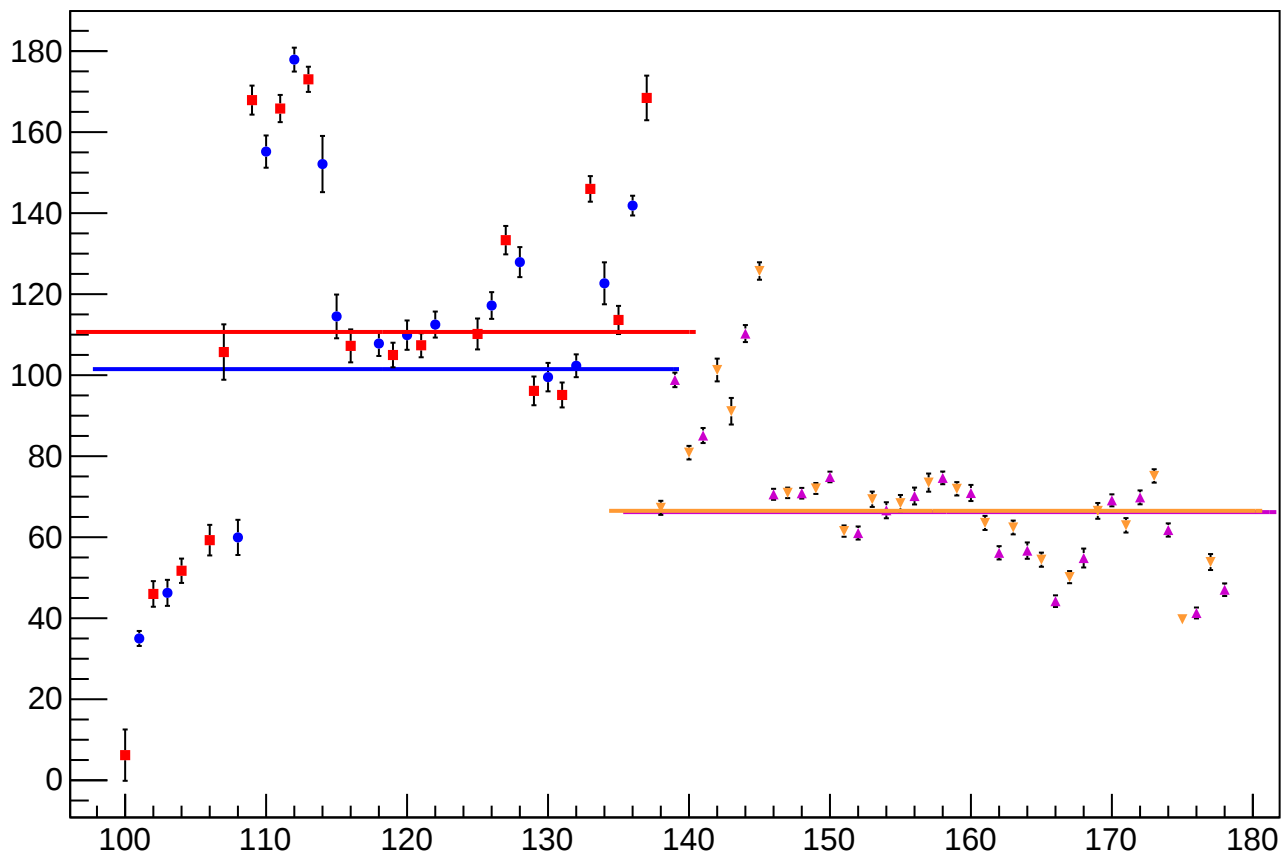
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 3.111 ± 0.229 $\chi^2/\text{NDF}: 859.8/35$

Out: 3.674 ± 0.231 $\chi^2/\text{NDF}: 922.8/38$

All: 3.389 ± 0.162 $\chi^2/\text{NDF}: 1785.6/74$

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: 66.514 $\pm$ 0.374 χ^2 /NDF:1823.1/20

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 66.197 $\pm$ 0.366 χ^2 /NDF:1814.7/19

Left: 66.352 $\pm$ 0.261 χ^2 /NDF: 3638.1/40

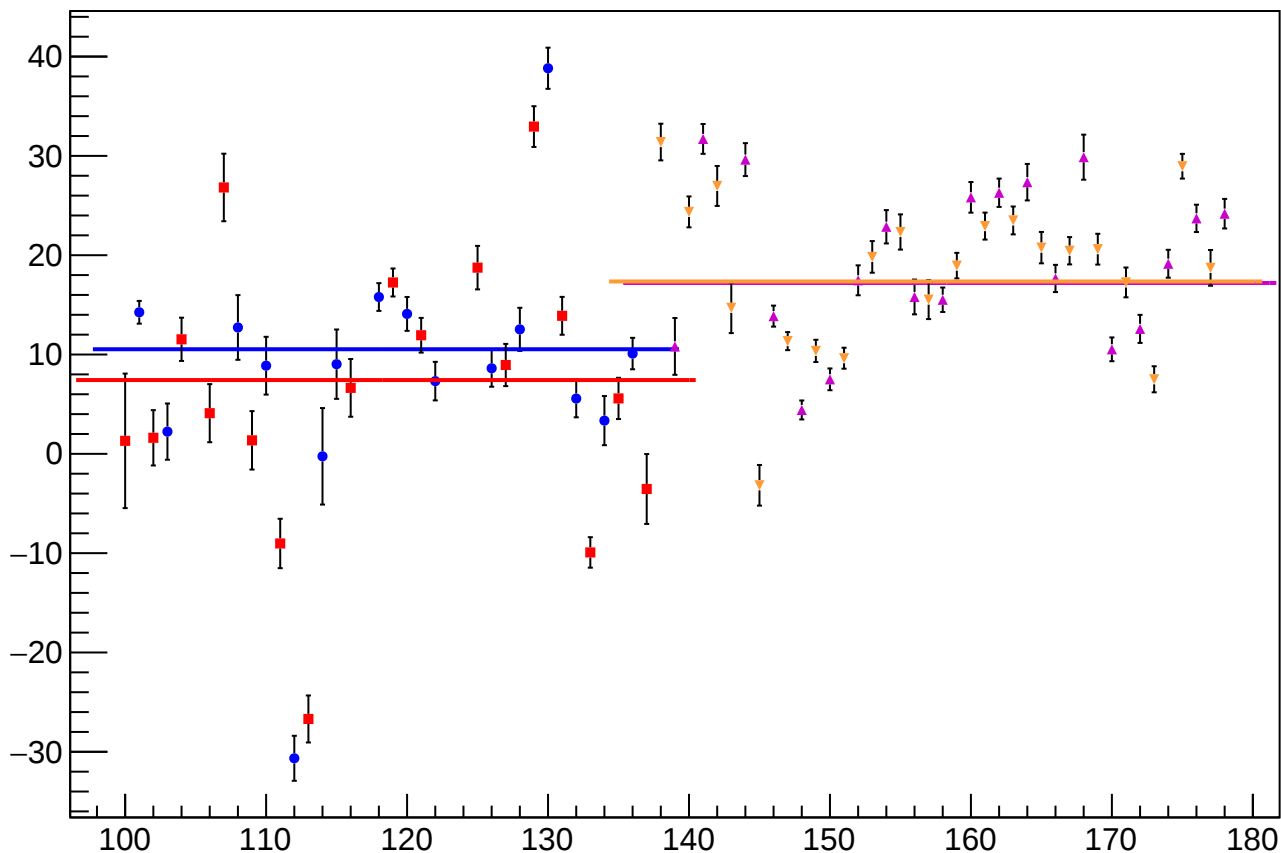
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 72.203 $\pm$ 0.333 χ^2 /NDF:6370.5/35

Out: 73.866 $\pm$ 0.341 χ^2 /NDF:6663.0/38

All: 73.015 $\pm$ 0.238 χ^2 /NDF: 13045.6/74

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: 17.356 $\pm$ 0.313 χ^2 /NDF: 545.3/20

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 17.205 $\pm$ 0.314 χ^2 /NDF: 658.2/19

Left: 17.280 $\pm$ 0.222 χ^2 /NDF: 1203.7/40

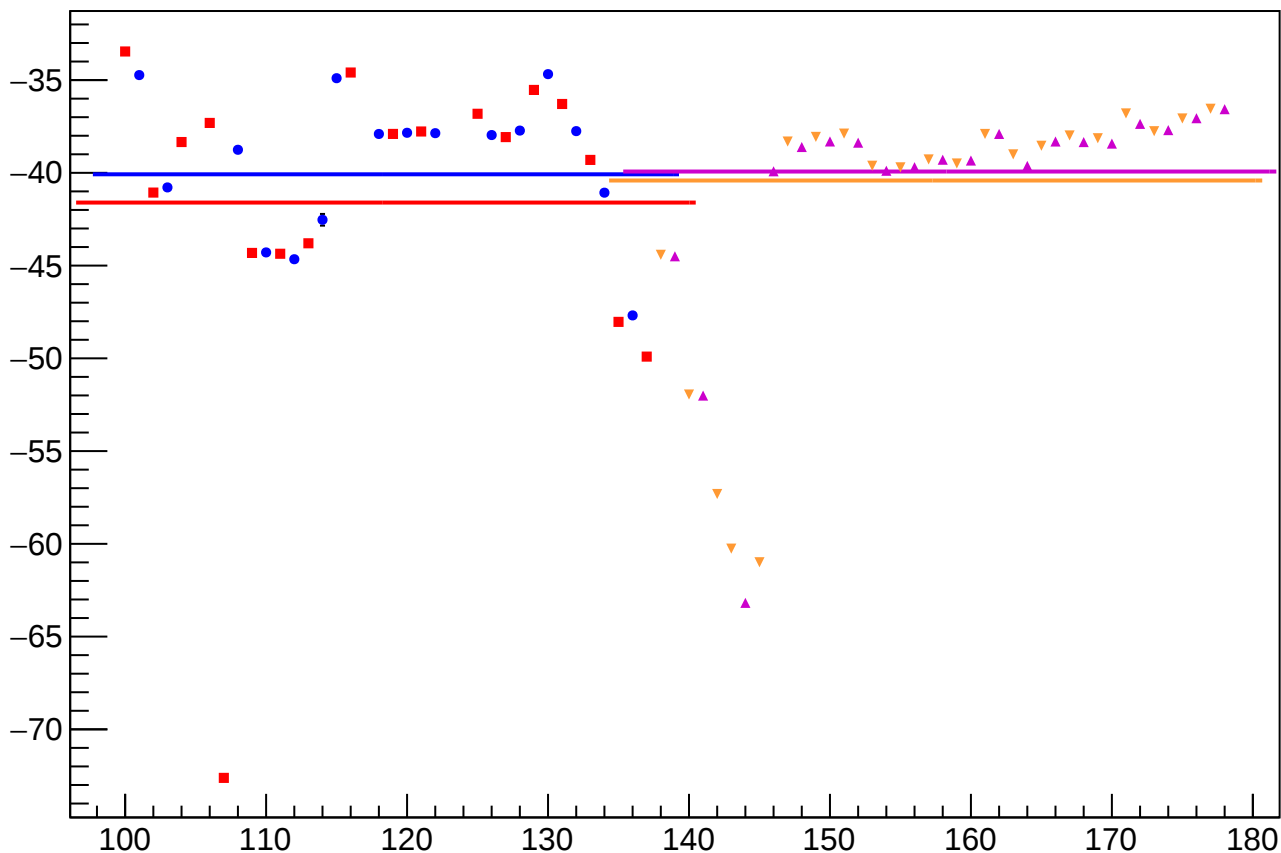
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 15.281 $\pm$ 0.265 χ^2 /NDF: 1369.0/35

Out: 14.741 $\pm$ 0.269 χ^2 /NDF: 1496.0/38

All: 15.015 $\pm$ 0.189 χ^2 /NDF: 2867.0/74

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -40.413 ± 0.015 $\chi^2/\text{NDF}: 152583.5/20$

Right Out: -41.602 ± 0.029 $\chi^2/\text{NDF}: 61856.4/17$

Left In: -39.929 ± 0.015 $\chi^2/\text{NDF}: 107103.7/19$

Left: -40.165 ± 0.010 $\chi^2/\text{NDF}: 260221.2/40$

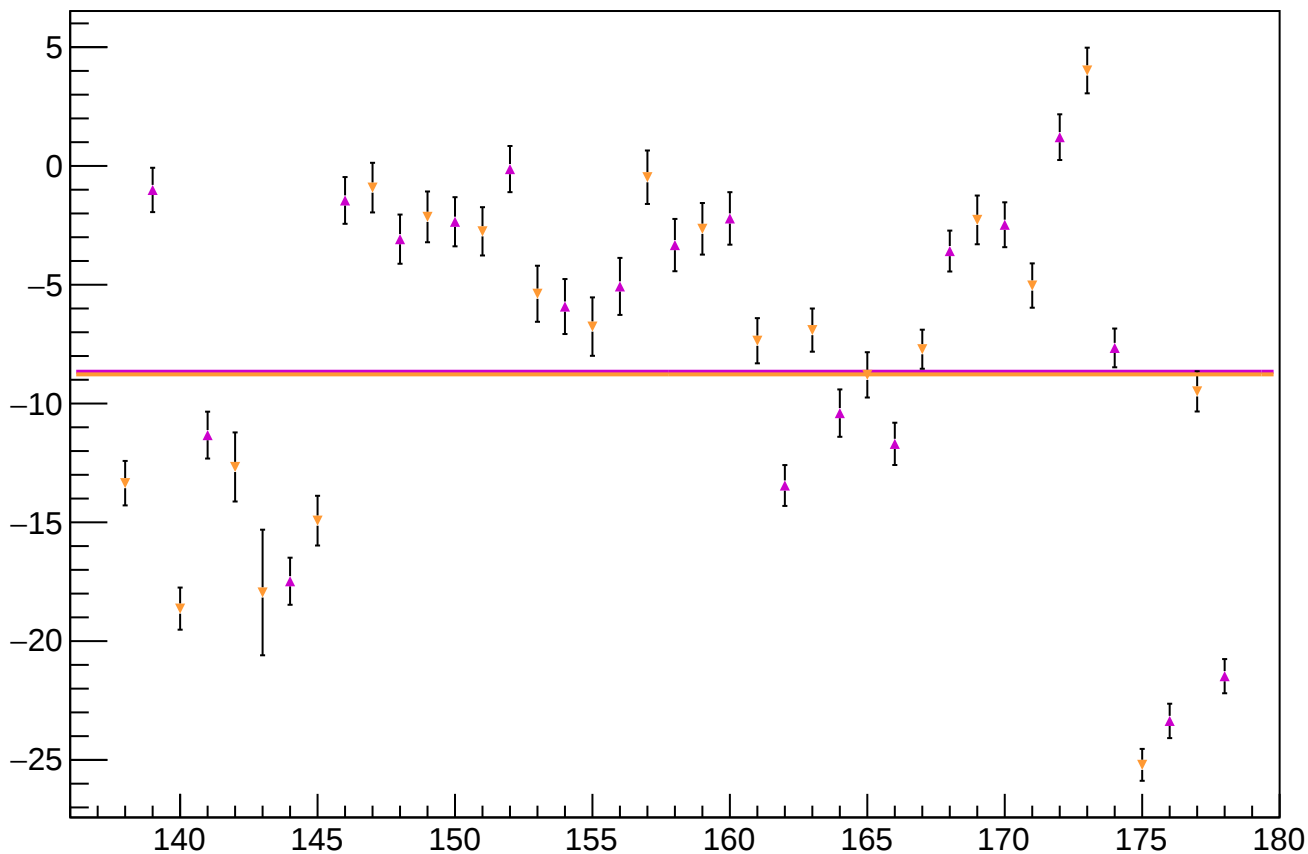
Right: -40.831 ± 0.020 $\chi^2/\text{NDF}: 88443.2/33$

In: -39.961 ± 0.013 $\chi^2/\text{NDF}: 132272.7/35$

Out: -40.669 ± 0.013 $\chi^2/\text{NDF}: 215800.3/38$

All: -40.307 ± 0.009 $\chi^2/\text{NDF}: 349530.1/74$

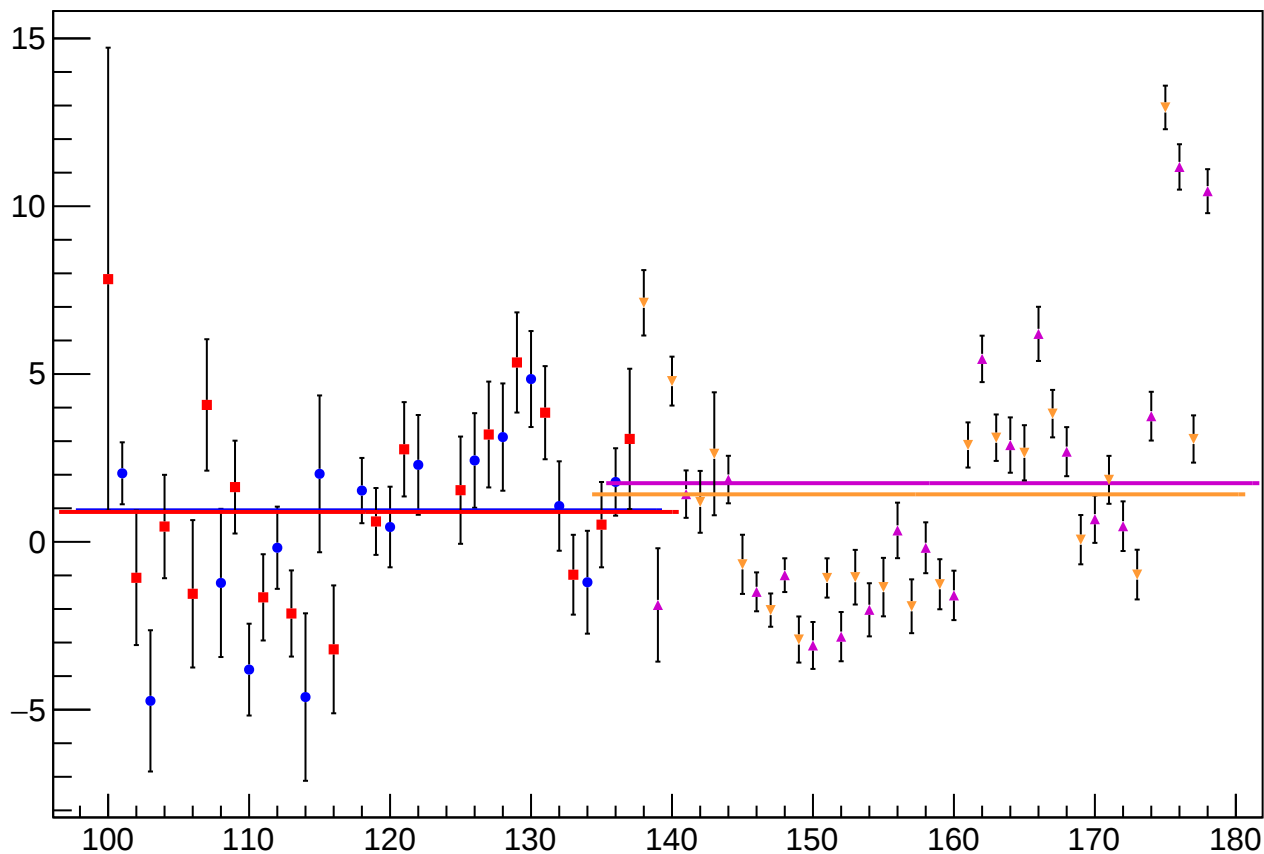
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.773 $\pm$ 0.216 χ^2 /NDF:1270.6/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.662 $\pm$ 0.210 χ^2 /NDF:1382.7/19

Left: -8.715 $\pm$ 0.150 χ^2 /NDF: 2653.5/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.662 $\pm$ 0.210 χ^2 /NDF:1382.7/19
 Out: -8.773 $\pm$ 0.216 χ^2 /NDF:1270.6/20
 All: -8.715 $\pm$ 0.150 χ^2 /NDF: 2653.5/40

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 χ^2/NDF : 42.2/15

Left Out: 1.416 ± 0.161 χ^2/NDF : 577.2/20

Right Out: 0.891 ± 0.354 χ^2/NDF : 41.6/17

Left In: 1.748 ± 0.160 χ^2/NDF : 651.0/19

Left: 1.583 ± 0.113 χ^2/NDF : 1230.4/40

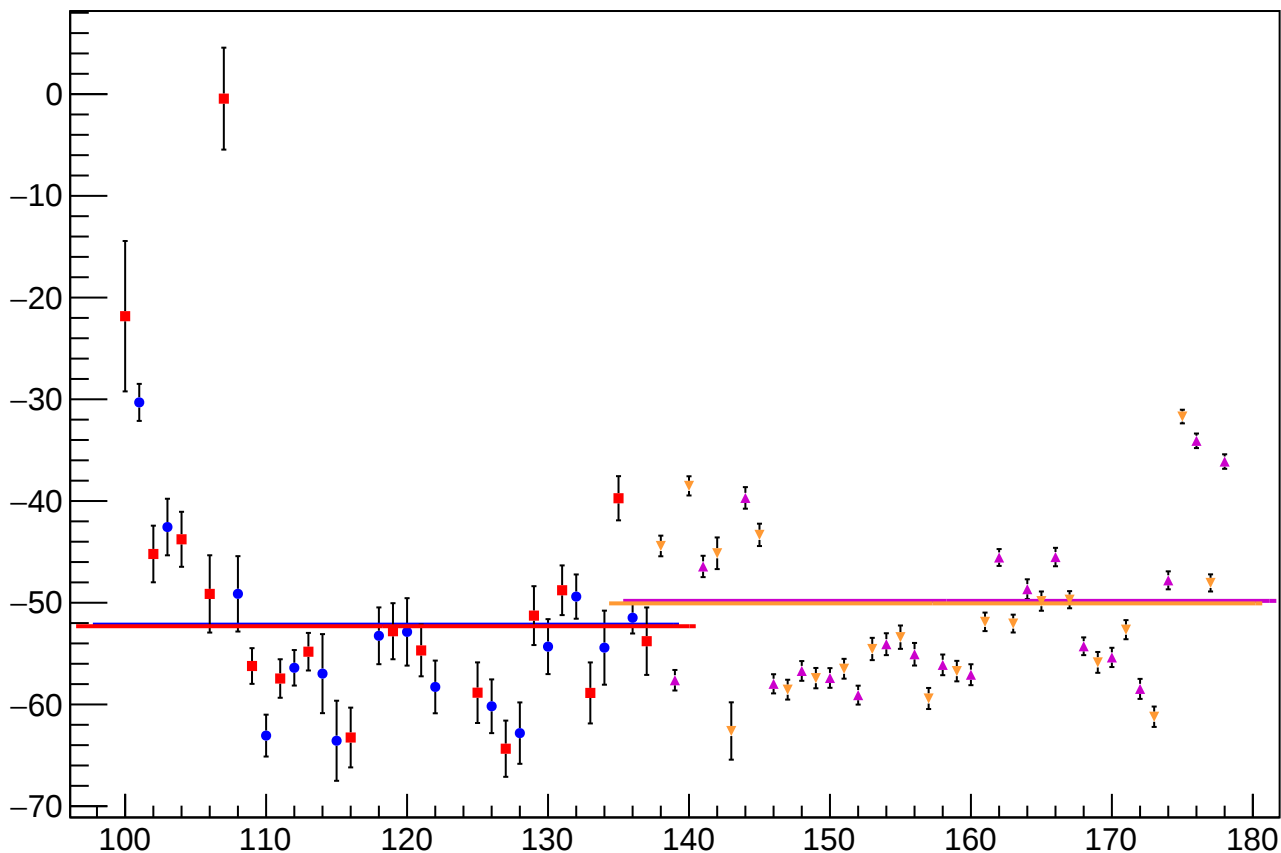
Right: 0.916 ± 0.245 χ^2/NDF : 83.8/33

In: 1.601 ± 0.145 χ^2/NDF : 697.9/35

Out: 1.326 ± 0.146 χ^2/NDF : 620.6/38

All: 1.465 ± 0.103 χ^2/NDF : 1320.3/74

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: -50.064 ± 0.214 χ^2/NDF : 1500.1/20

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -49.817 ± 0.208 χ^2/NDF : 1617.6/19

Left: -49.937 ± 0.149 χ^2/NDF : 3118.4/40

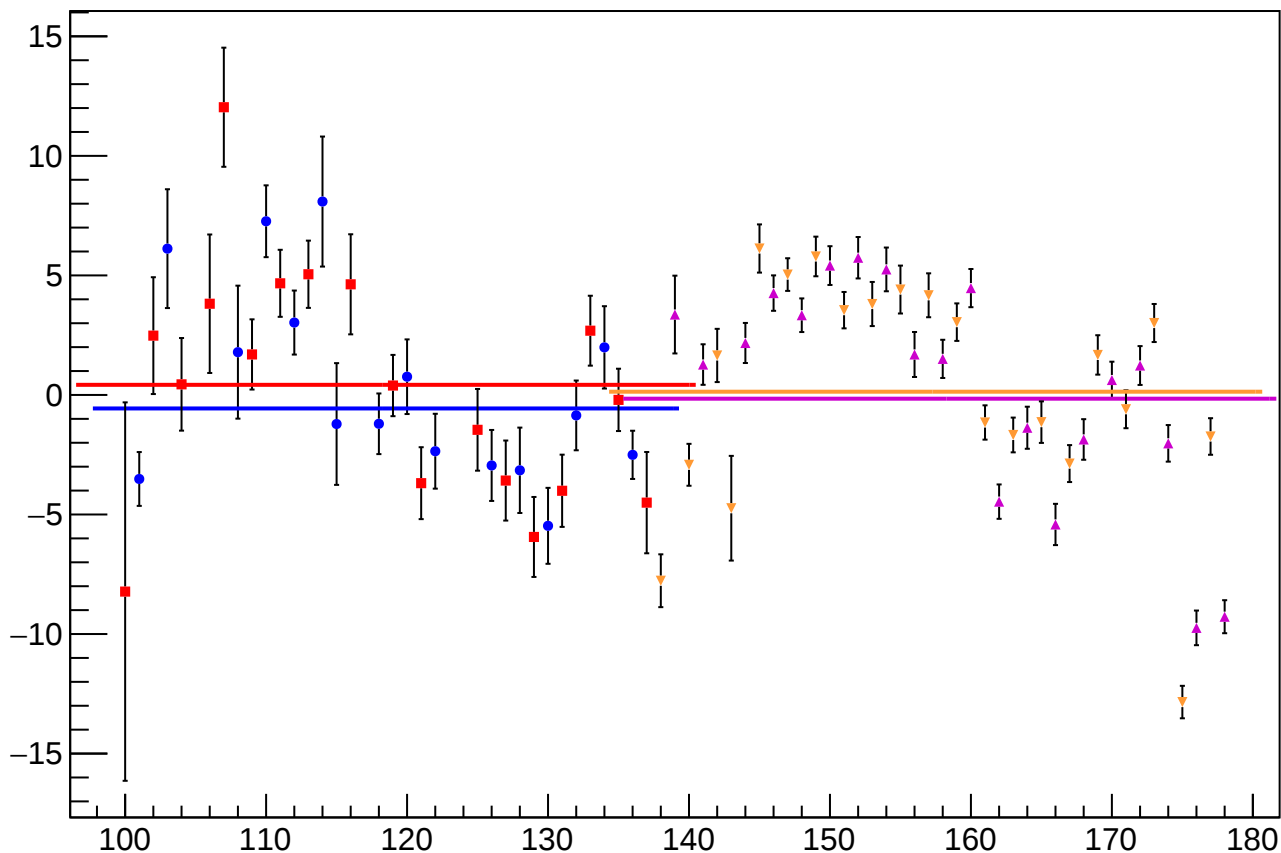
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -50.058 ± 0.197 χ^2/NDF : 1861.7/35

Out: -50.306 ± 0.202 χ^2/NDF : 1746.8/38

All: -50.179 ± 0.141 χ^2/NDF : 3609.3/74

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 $\chi^2/\text{NDF}: 81.8/15$

Left Out: 0.136 ± 0.183 $\chi^2/\text{NDF}: 706.0/20$

Right Out: 0.423 ± 0.400 $\chi^2/\text{NDF}: 95.3/17$

Left In: -0.157 ± 0.182 $\chi^2/\text{NDF}: 684.0/19$

Left: -0.011 ± 0.129 $\chi^2/\text{NDF}: 1391.2/40$

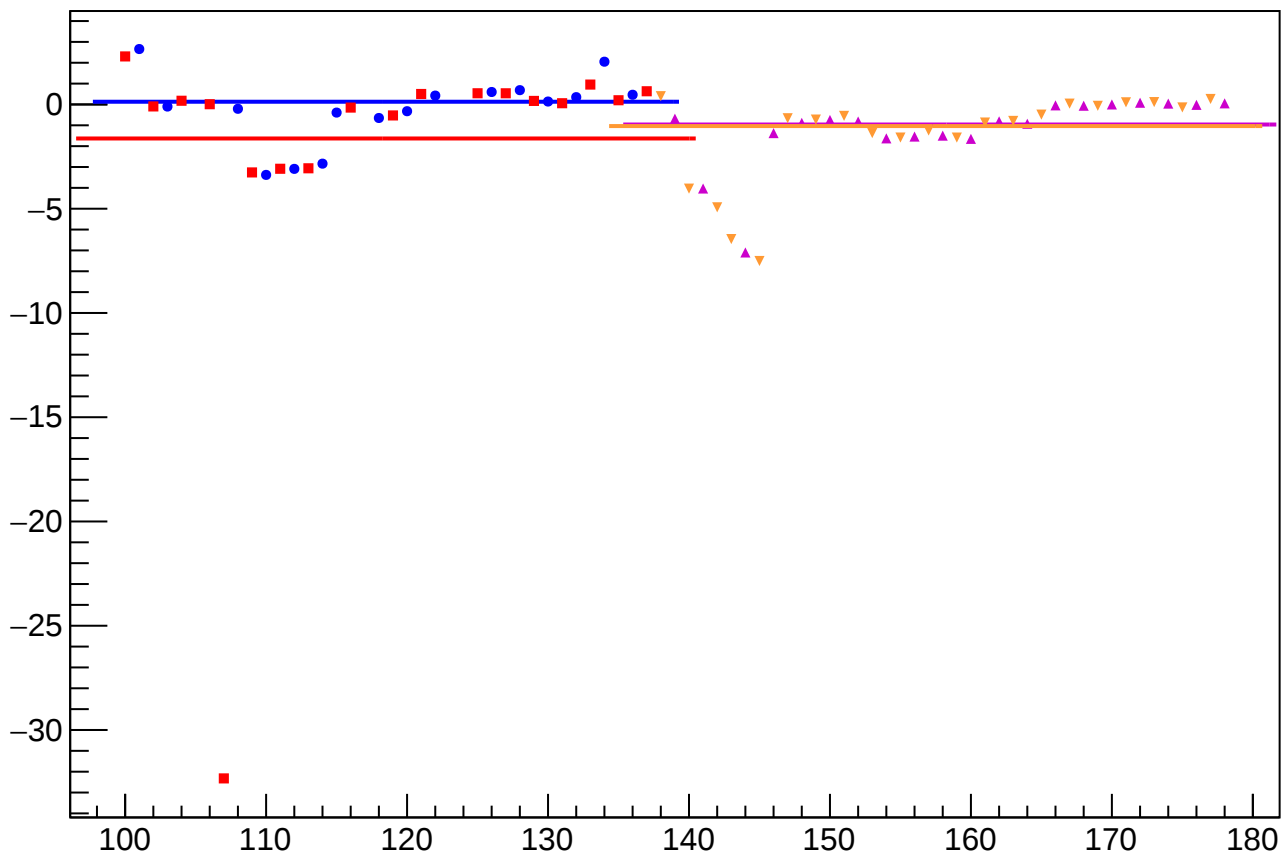
Right: -0.090 ± 0.277 $\chi^2/\text{NDF}: 180.3/33$

In: -0.231 ± 0.164 $\chi^2/\text{NDF}: 766.7/35$

Out: 0.186 ± 0.167 $\chi^2/\text{NDF}: 801.7/38$

All: -0.025 ± 0.117 $\chi^2/\text{NDF}: 1571.6/74$

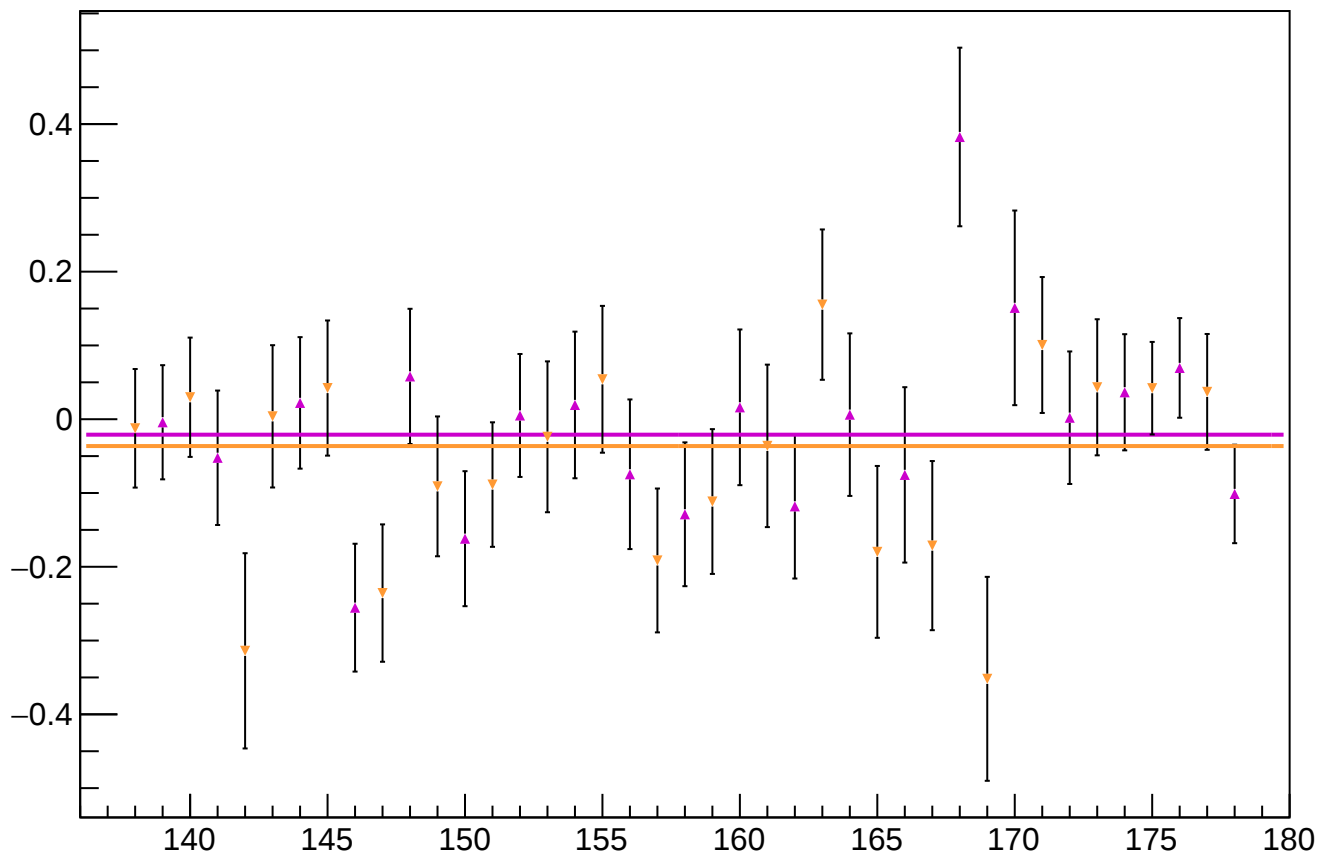
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.037 ± 0.008 $\chi^2/\text{NDF}: 42560.2/20$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -0.962 ± 0.008 $\chi^2/\text{NDF}: 29906.6/19$

Left: -0.999 ± 0.006 $\chi^2/\text{NDF}: 72506.6/40$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -0.823 ± 0.008 $\chi^2/\text{NDF}: 37389.6/35$
 Out: -1.114 ± 0.008 $\chi^2/\text{NDF}: 121082.5/38$
 All: -0.965 ± 0.006 $\chi^2/\text{NDF}: 159173.7/74$

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 $\pm$ 0.020 χ^2 /NDF:32.4/20

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

Left In: -0.021 $\pm$ 0.020 χ^2 /NDF:30.6/19

Left: -0.029 $\pm$ 0.014 χ^2 /NDF: 63.3/40

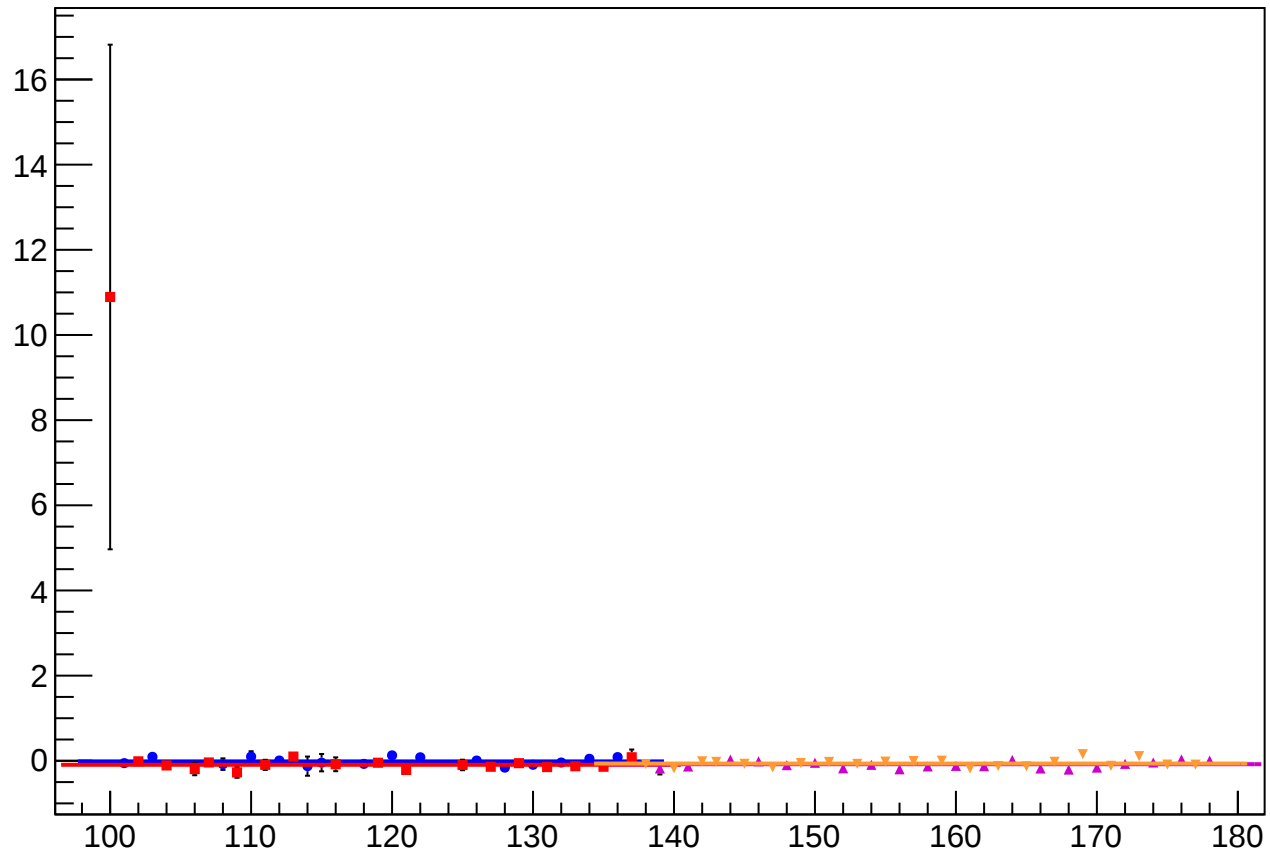
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.021 $\pm$ 0.020 χ^2 /NDF:30.6/19

Out: -0.036 $\pm$ 0.020 χ^2 /NDF:32.4/20

All: -0.029 $\pm$ 0.014 χ^2 /NDF: 63.3/40

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: -0.065 ± 0.015 χ^2/NDF : 25.6/20

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.080 ± 0.015 χ^2/NDF : 22.7/19

Left: -0.072 ± 0.011 χ^2/NDF : 48.9/40

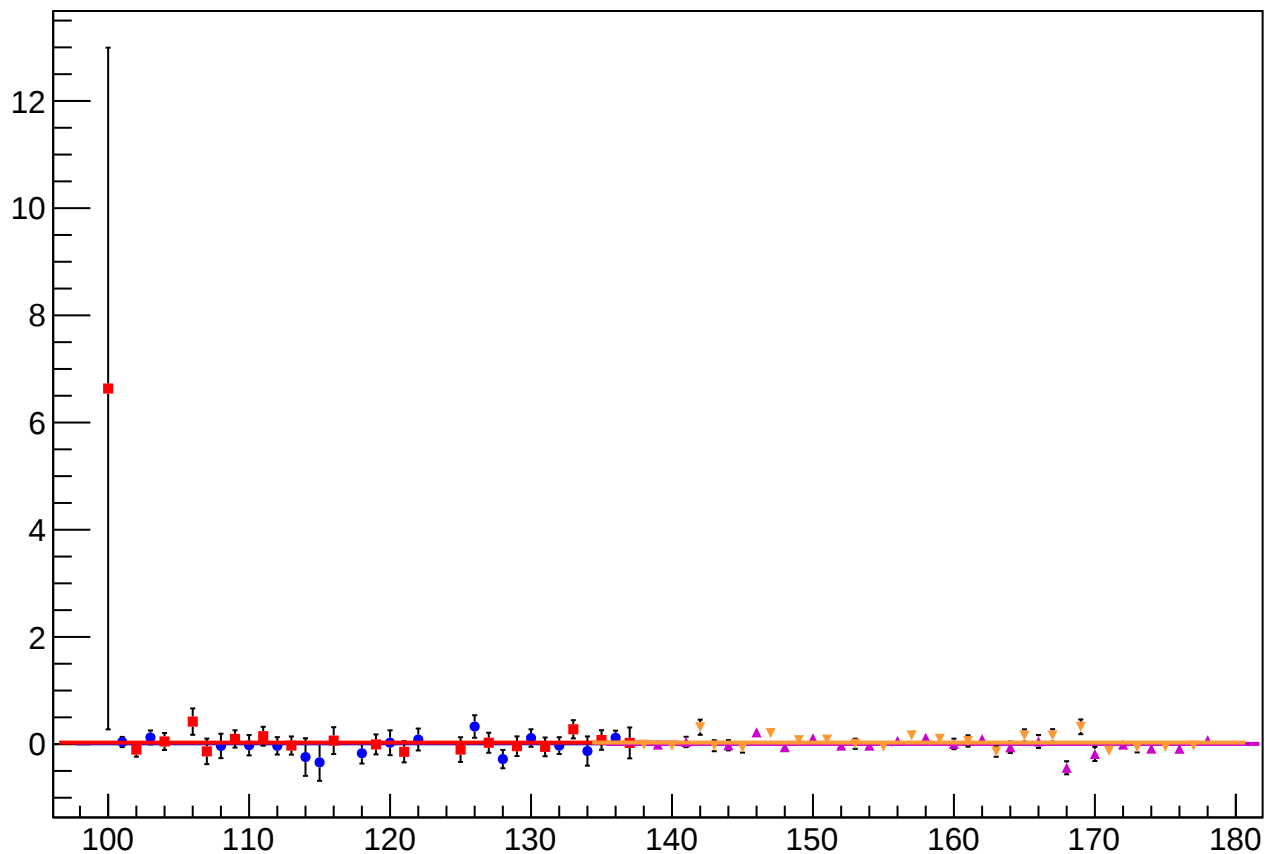
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.060 ± 0.013 χ^2/NDF : 40.8/35

Out: -0.072 ± 0.013 χ^2/NDF : 40.2/38

All: -0.066 ± 0.009 χ^2/NDF : 81.5/74

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.029 $\pm$ 0.020 χ^2 /NDF:30.1/20

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 9.5/17

Left In: 0.004 $\pm$ 0.020 χ^2 /NDF:31.9/19

Left: 0.016 $\pm$ 0.014 χ^2 /NDF: 62.8/40

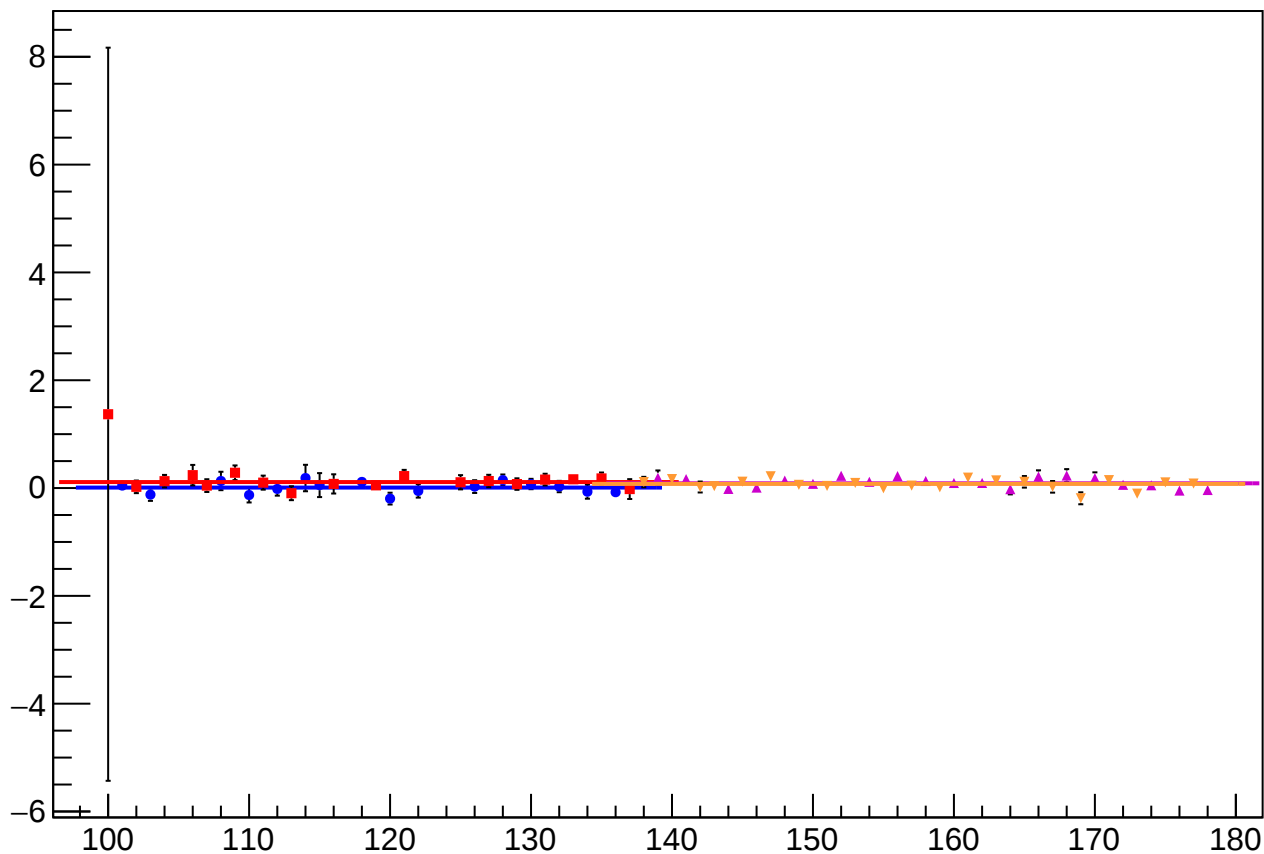
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: 0.006 $\pm$ 0.018 χ^2 /NDF:42.1/35

Out: 0.029 $\pm$ 0.018 χ^2 /NDF:39.6/38

All: 0.017 $\pm$ 0.013 χ^2 /NDF: 82.5/74

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: 0.077 $\pm$ 0.017 χ^2 /NDF: 25.3/20

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.088 $\pm$ 0.018 χ^2 /NDF: 25.3/19

Left: 0.083 $\pm$ 0.012 χ^2 /NDF: 50.8/40

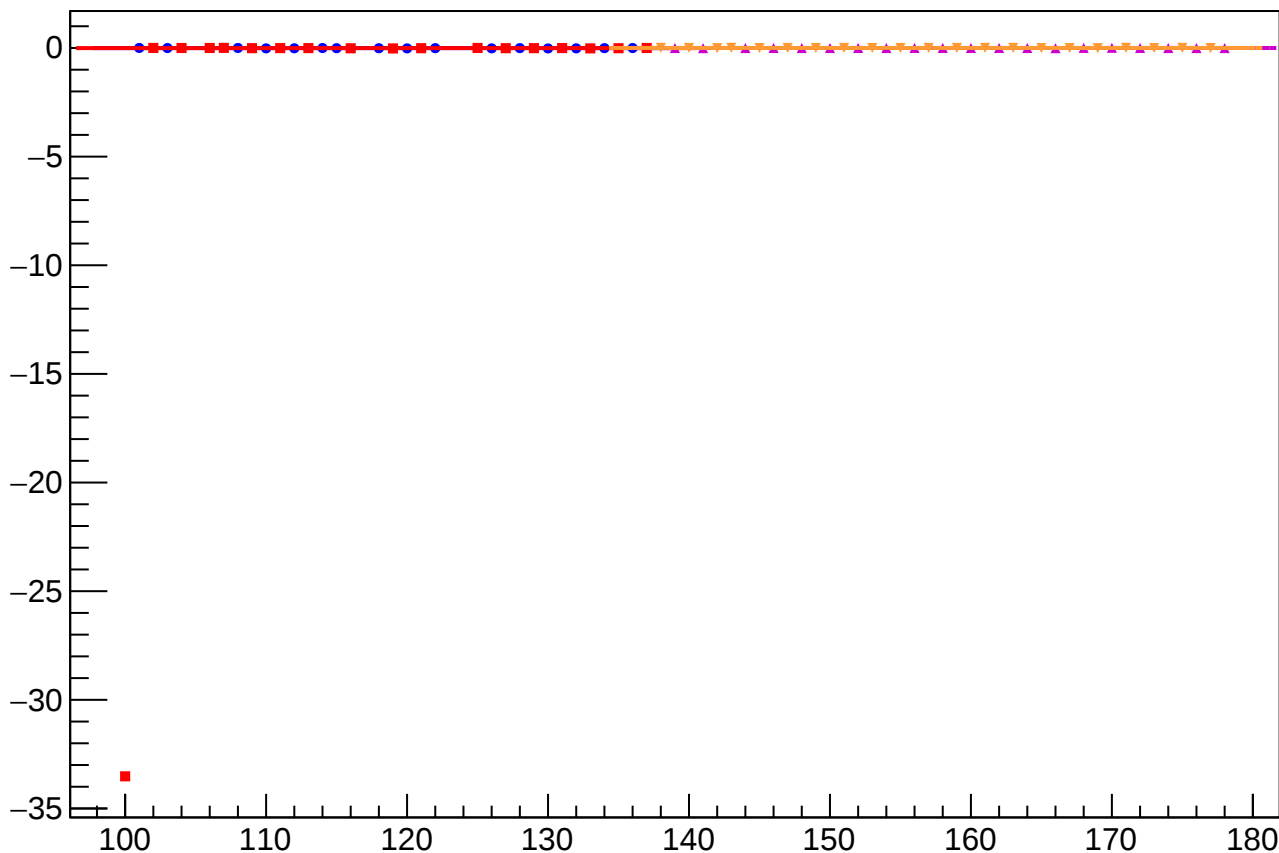
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.064 $\pm$ 0.015 χ^2 /NDF: 44.0/35

Out: 0.086 $\pm$ 0.015 χ^2 /NDF: 35.0/38

All: 0.075 $\pm$ 0.010 χ^2 /NDF: 80.1/74

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 22.5/20

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: -0.000 ± 0.001 χ^2/NDF : 18.6/19

Left: 0.000 ± 0.001 χ^2/NDF : 42.2/40

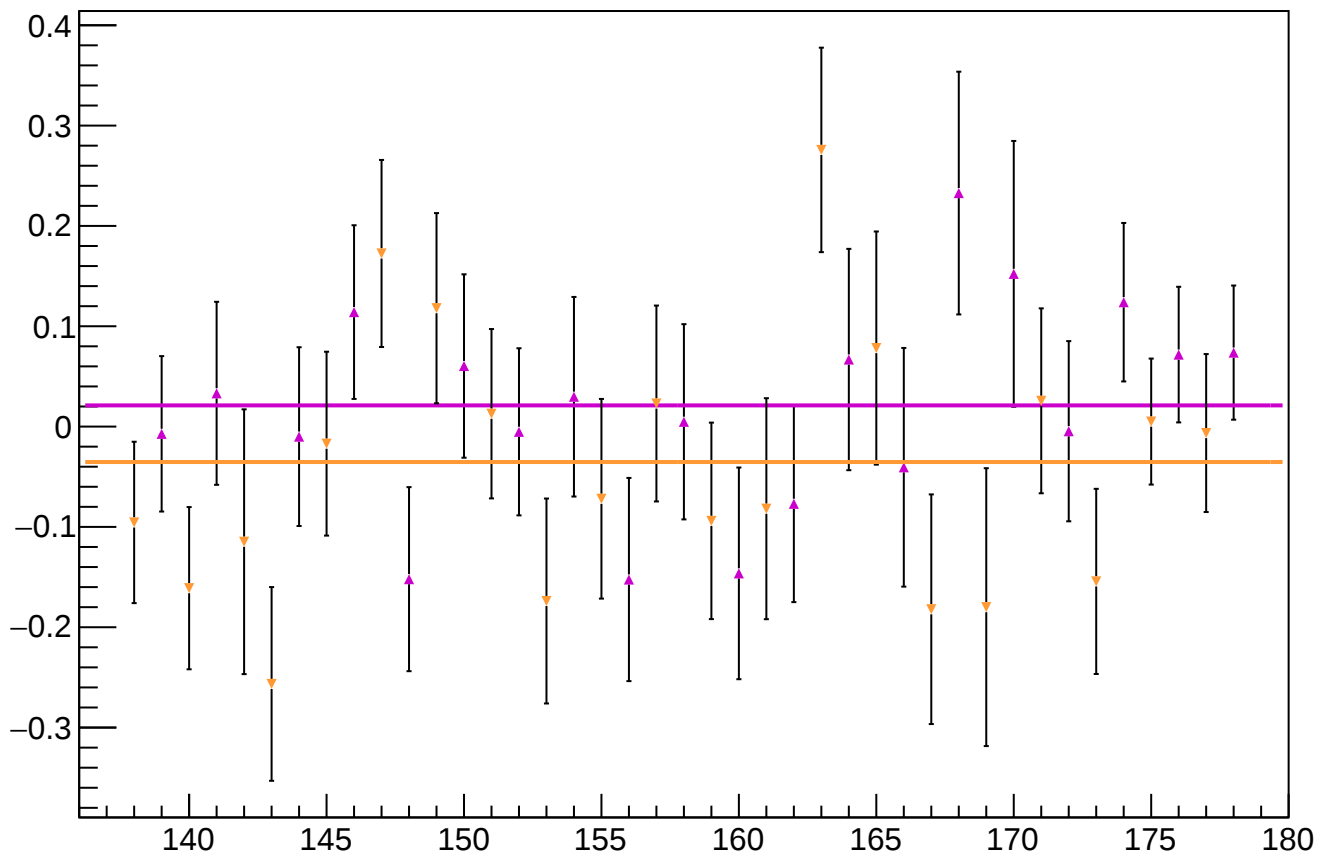
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.001 ± 0.001 χ^2/NDF : 51.2/35

Out: -0.001 ± 0.001 χ^2/NDF : 26548.5/38

All: -0.001 ± 0.000 χ^2/NDF : 26600.4/74

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.035 $\pm$ 0.020 χ^2 /NDF:35.1/20

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

Left In: 0.021 $\pm$ 0.020 χ^2 /NDF:19.2/19

Left: -0.007 $\pm$ 0.014 χ^2 /NDF: 58.1/40

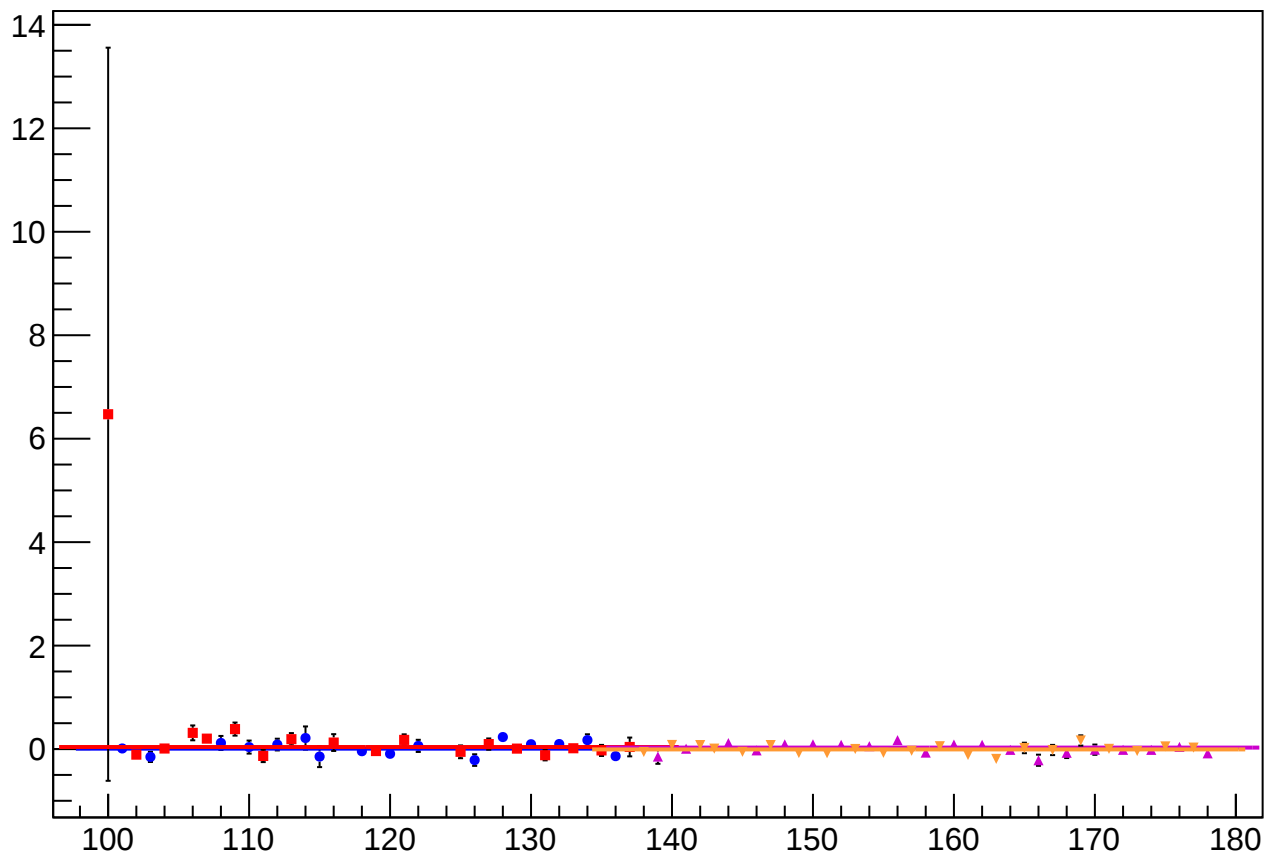
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.021 $\pm$ 0.020 χ^2 /NDF:19.2/19

Out: -0.035 $\pm$ 0.020 χ^2 /NDF:35.1/20

All: -0.007 $\pm$ 0.014 χ^2 /NDF: 58.1/40

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 $\pm$ 0.015 χ^2 /NDF:24.6/20

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.028 $\pm$ 0.015 χ^2 /NDF:26.6/19

Left: 0.010 $\pm$ 0.011 χ^2 /NDF: 53.8/40

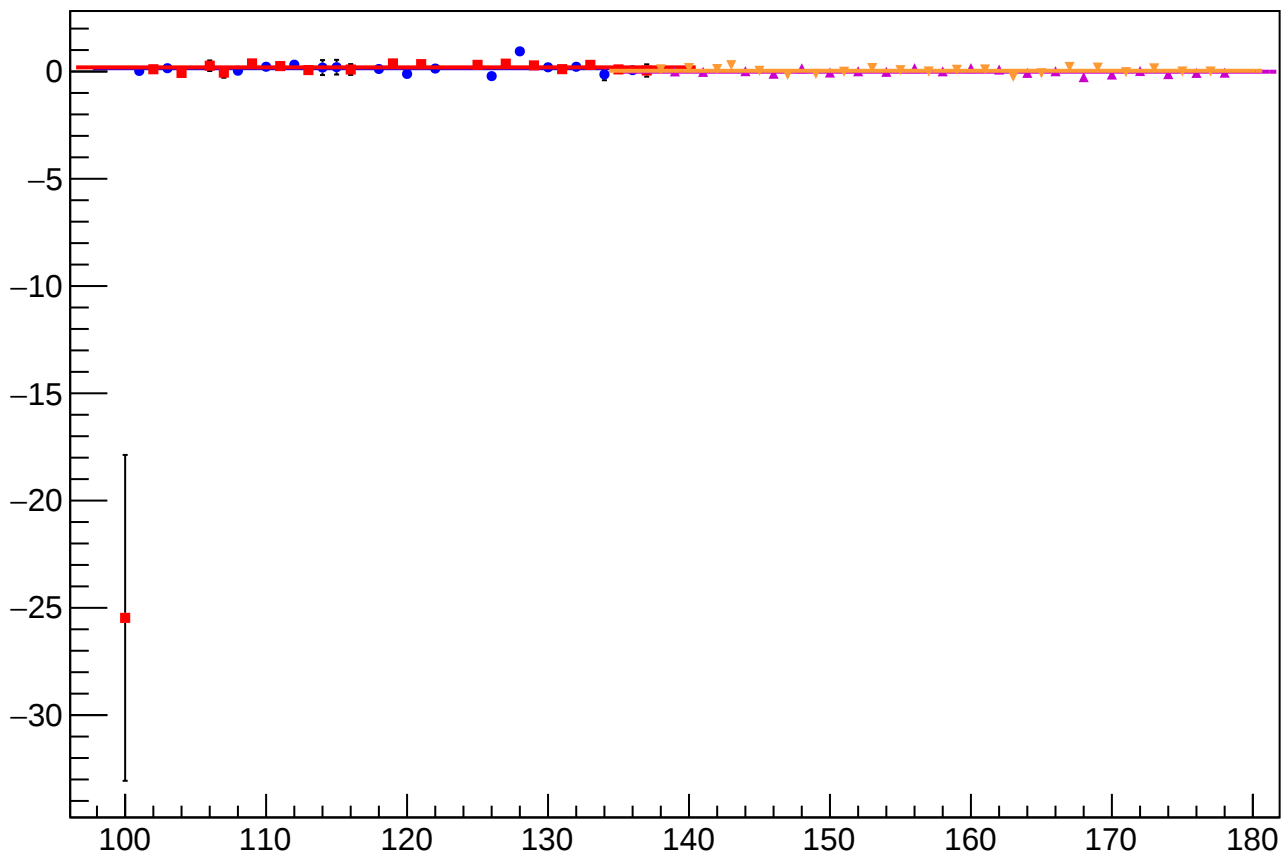
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.022 $\pm$ 0.013 χ^2 /NDF:50.8/35

Out: 0.006 $\pm$ 0.013 χ^2 /NDF:55.5/38

All: 0.014 $\pm$ 0.009 χ^2 /NDF: 107.1/74

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: 0.034 $\pm$ 0.020 χ^2 /NDF:35.2/20

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: -0.009 $\pm$ 0.020 χ^2 /NDF:20.7/19

Left: 0.012 $\pm$ 0.014 χ^2 /NDF: 58.3/40

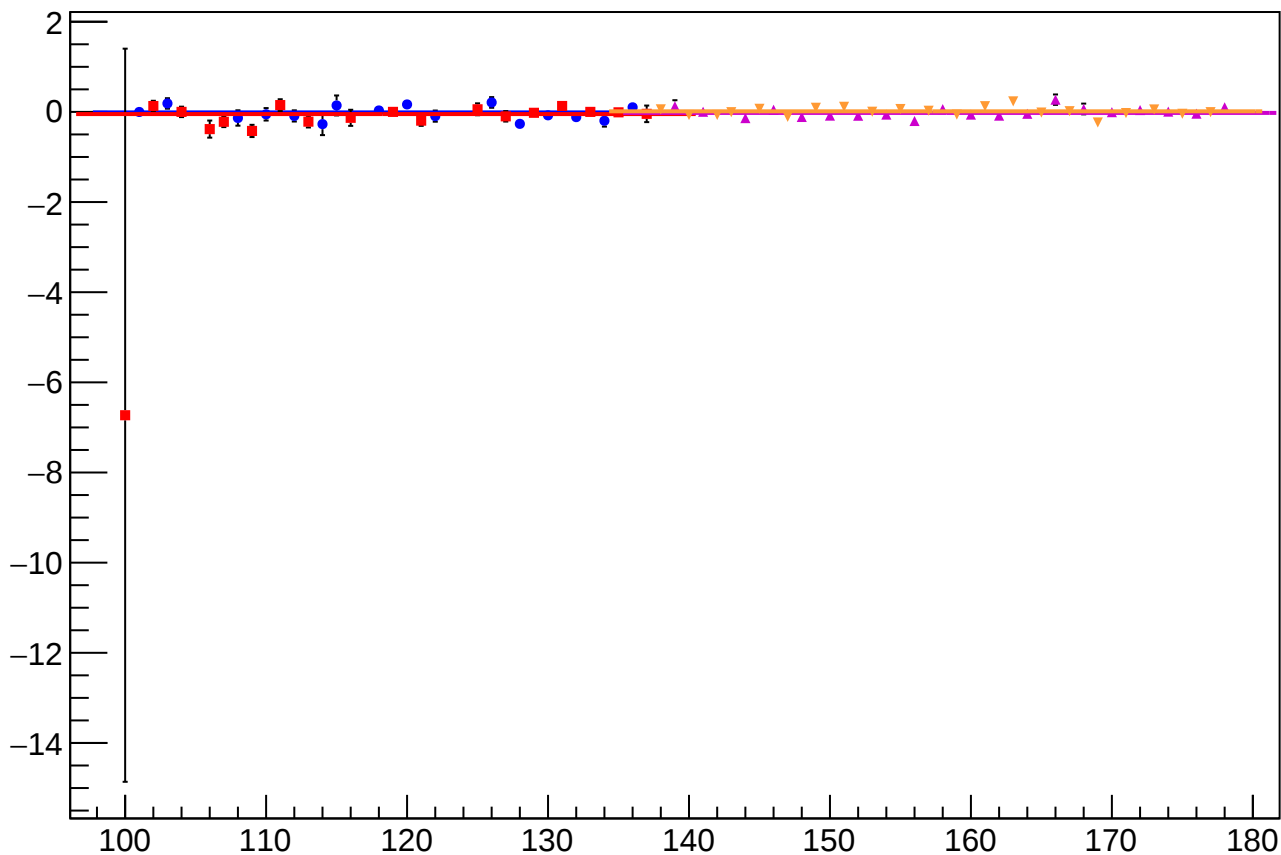
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.020 $\pm$ 0.018 χ^2 /NDF:63.2/35

Out: 0.061 $\pm$ 0.018 χ^2 /NDF:67.6/38

All: 0.040 $\pm$ 0.013 χ^2 /NDF: 133.3/74

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: 0.013 ± 0.017 $\chi^2/\text{NDF}: 27.2/20$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 26.2/17$

Left In: -0.022 ± 0.018 $\chi^2/\text{NDF}: 27.6/19$

Left: -0.004 ± 0.012 $\chi^2/\text{NDF}: 56.8/40$

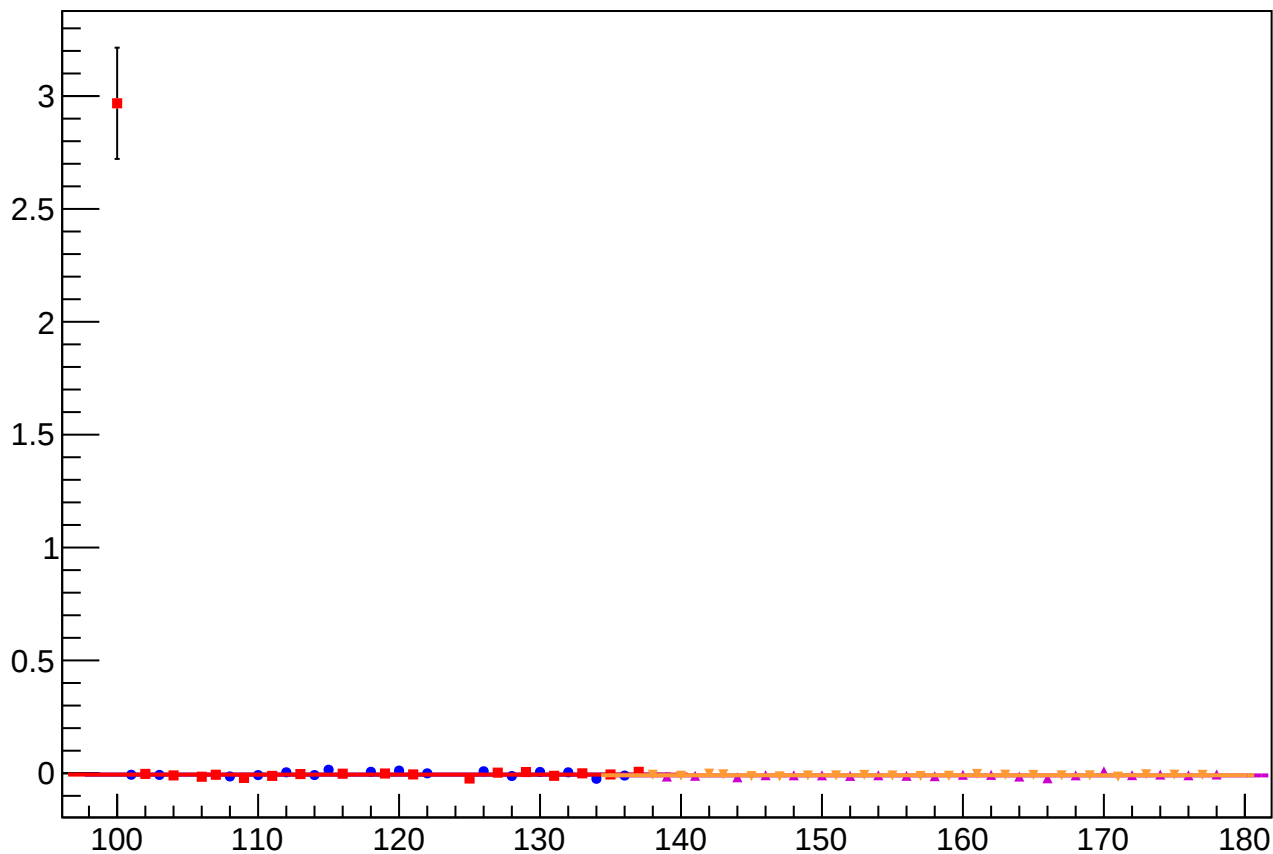
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 50.6/33$

In: -0.019 ± 0.015 $\chi^2/\text{NDF}: 51.1/35$

Out: -0.003 ± 0.015 $\chi^2/\text{NDF}: 56.8/38$

All: -0.011 ± 0.010 $\chi^2/\text{NDF}: 108.4/74$

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: -0.009 ± 0.001 χ^2/NDF : 16.5/20

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.009 ± 0.001 χ^2/NDF : 34.2/19

Left: -0.009 ± 0.001 χ^2/NDF : 51.2/40

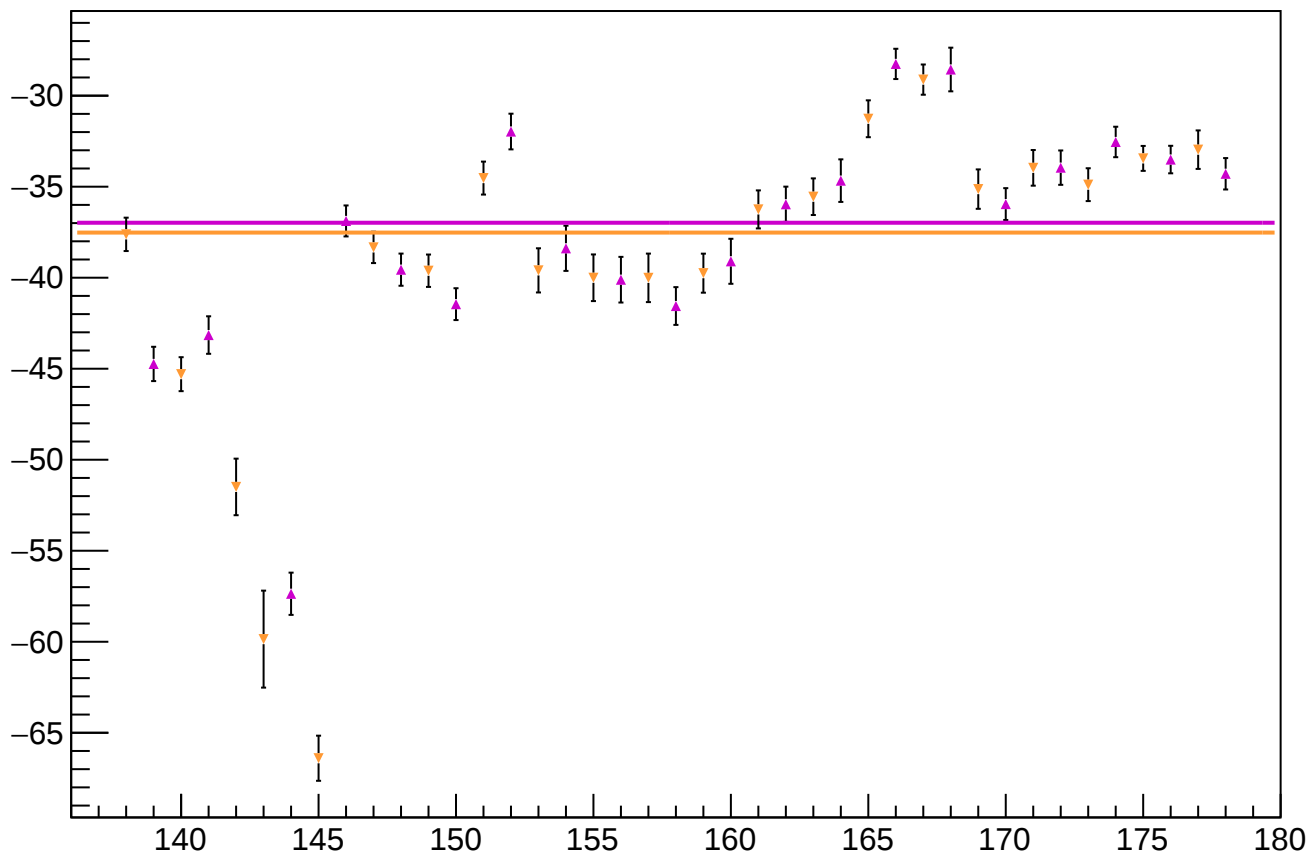
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 67.5/35

Out: -0.008 ± 0.001 χ^2/NDF : 184.8/38

All: -0.008 ± 0.000 χ^2/NDF : 252.6/74

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -37.521 $\pm$ 0.220 χ^2 /NDF:1021.7/20

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

Left In: -36.981 $\pm$ 0.215 χ^2 /NDF:737.9/19

Left: -37.244 $\pm$ 0.154 χ^2 /NDF: 1762.7/40

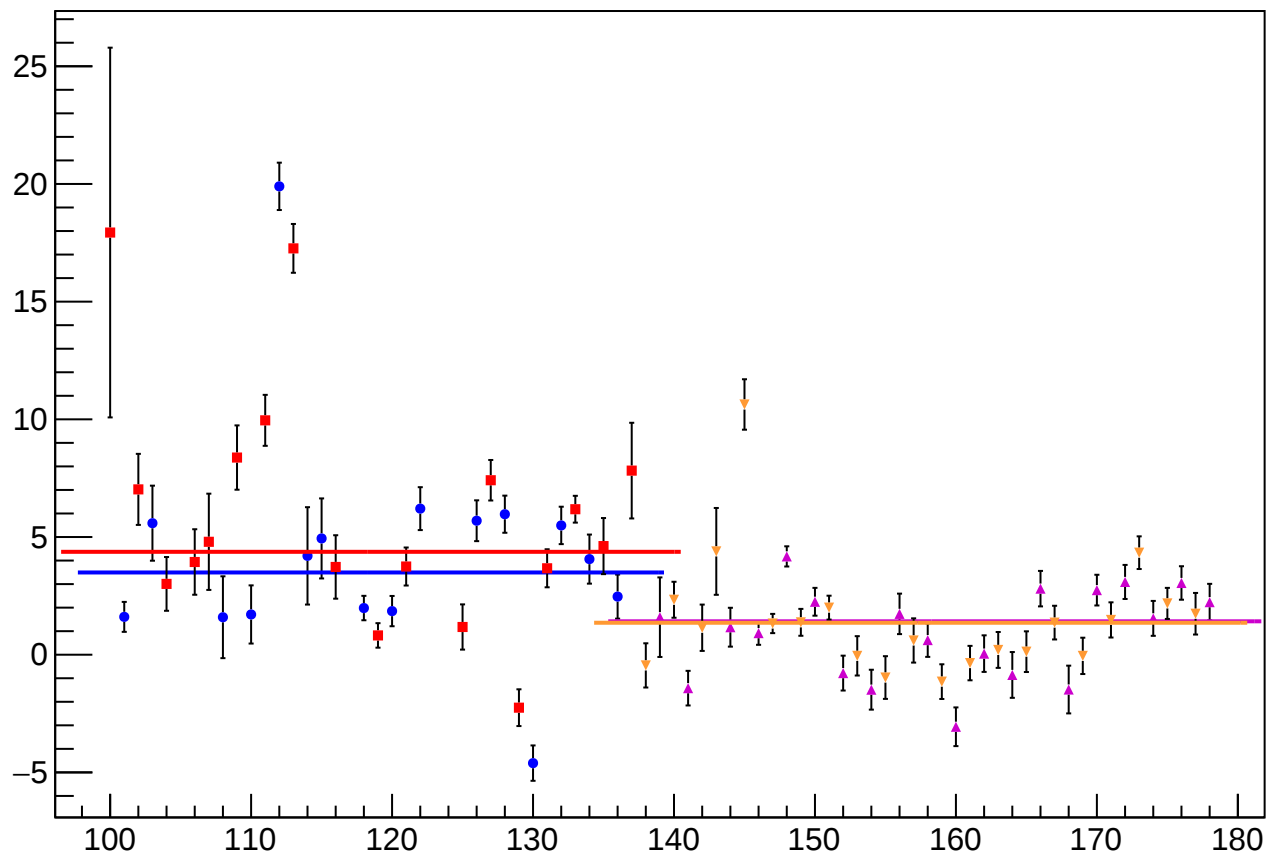
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -36.981 $\pm$ 0.215 χ^2 /NDF:737.9/19

Out: -37.521 $\pm$ 0.220 χ^2 /NDF:1021.7/20

All: -37.244 $\pm$ 0.154 χ^2 /NDF: 1762.7/40

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: 1.358 $\pm$ 0.159 χ^2/NDF :139.5/20

Right Out: 4.372 $\pm$ 0.225 χ^2/NDF : 354.0/17

Left In: 1.419 $\pm$ 0.160 χ^2/NDF :147.0/19

Left: 1.388 $\pm$ 0.113 χ^2/NDF : 286.5/40

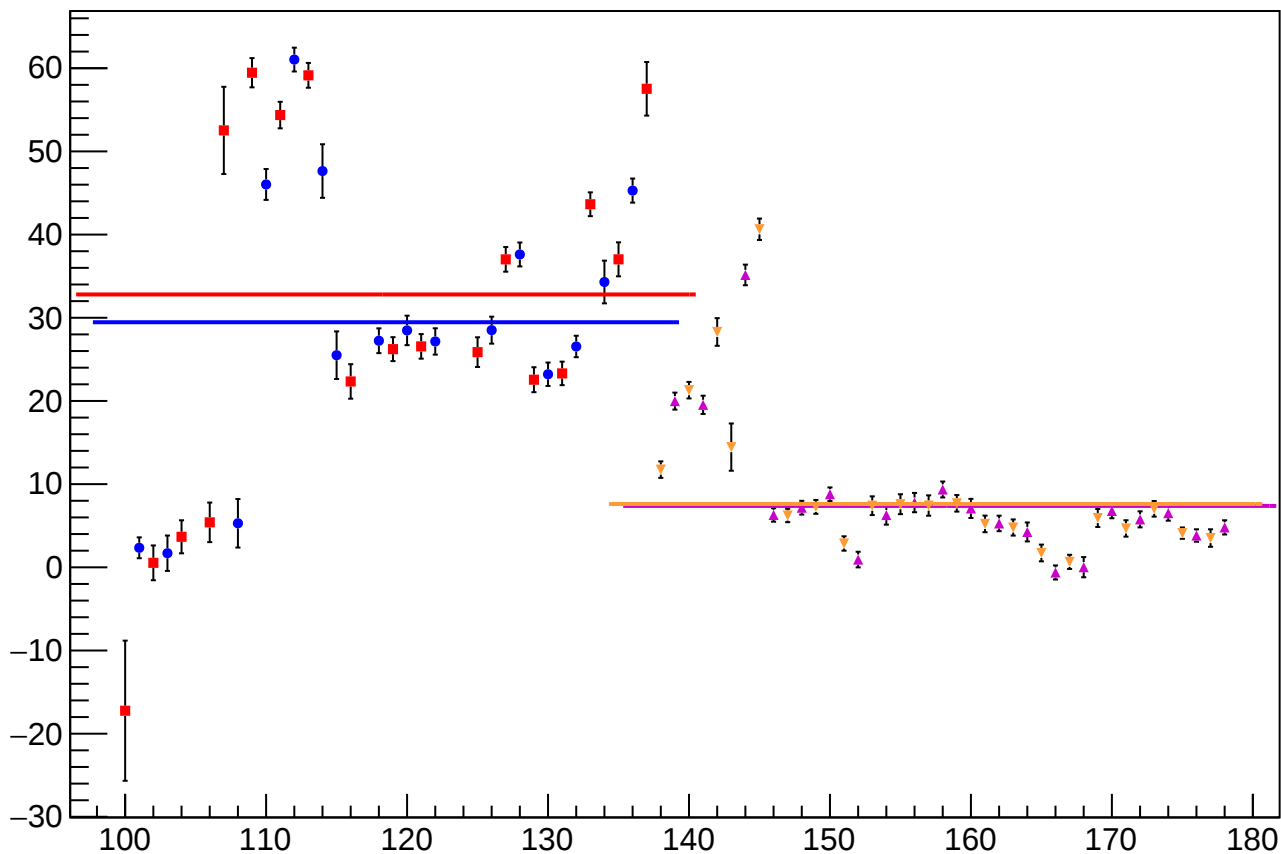
Right: 3.918 $\pm$ 0.157 χ^2/NDF : 806.7/33

In: 2.145 $\pm$ 0.129 χ^2/NDF :650.9/35

Out: 2.359 $\pm$ 0.130 χ^2/NDF :612.9/38

All: 2.252 $\pm$ 0.091 χ^2/NDF : 1265.2/74

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: 7.612+/-0.218 χ^2/NDF :1228.5/20

Right Out: 32.804+/-0.423 χ^2/NDF : 1659.8/17

Left In: 7.384+/-0.213 χ^2/NDF :1008.0/19

Left: 7.496+/-0.152 χ^2/NDF : 2237.1/40

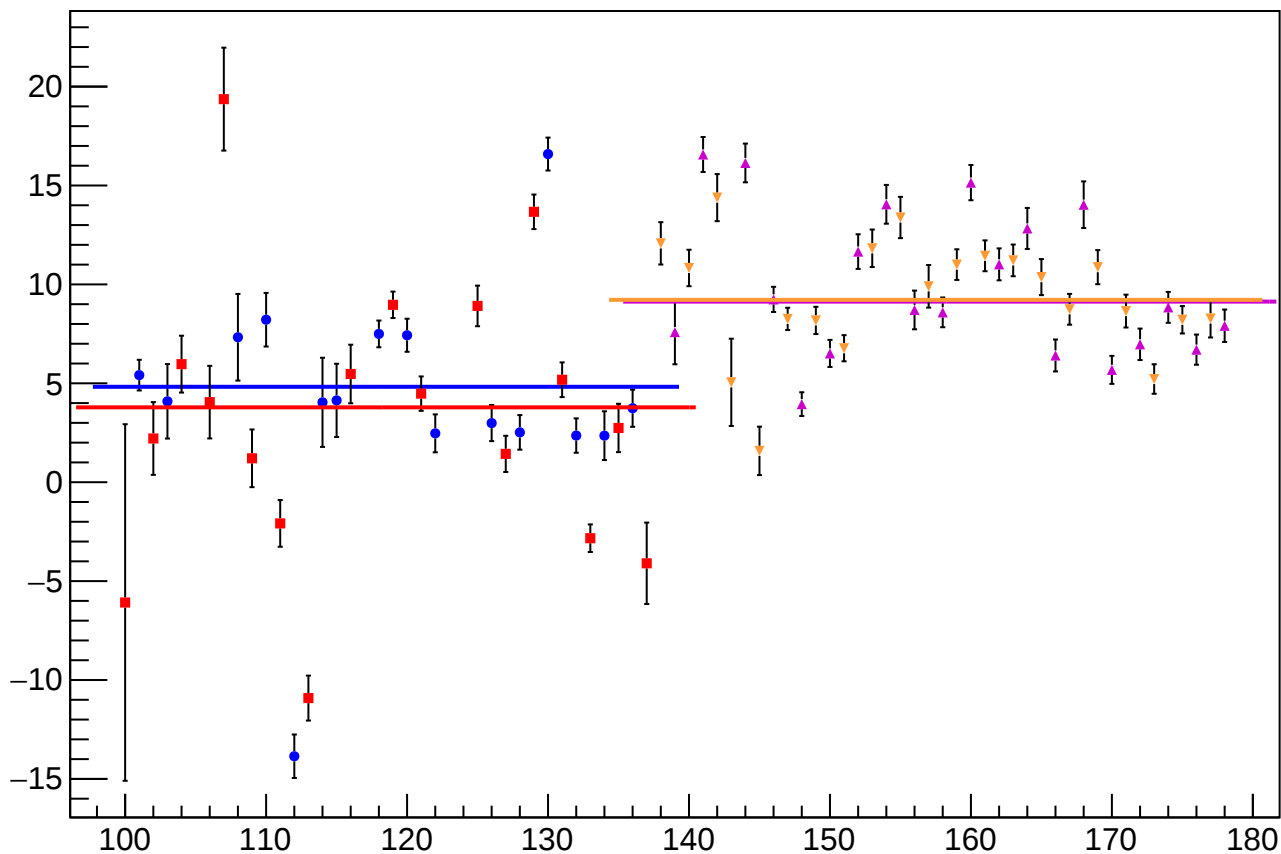
Right: 31.111+/-0.297 χ^2/NDF : 3183.0/33

In: 11.931+/-0.189 χ^2/NDF :4720.1/35

Out: 12.888+/-0.194 χ^2/NDF :5692.7/38

All: 12.399+/-0.135 χ^2/NDF : 10425.2/74

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 552.9/15

Left Out: 9.219 ± 0.184 χ^2/NDF : 171.8/20

Right Out: 3.784 ± 0.259 χ^2/NDF : 564.8/17

Left In: 9.130 ± 0.184 χ^2/NDF : 382.4/19

Left: 9.174 ± 0.130 χ^2/NDF : 554.4/40

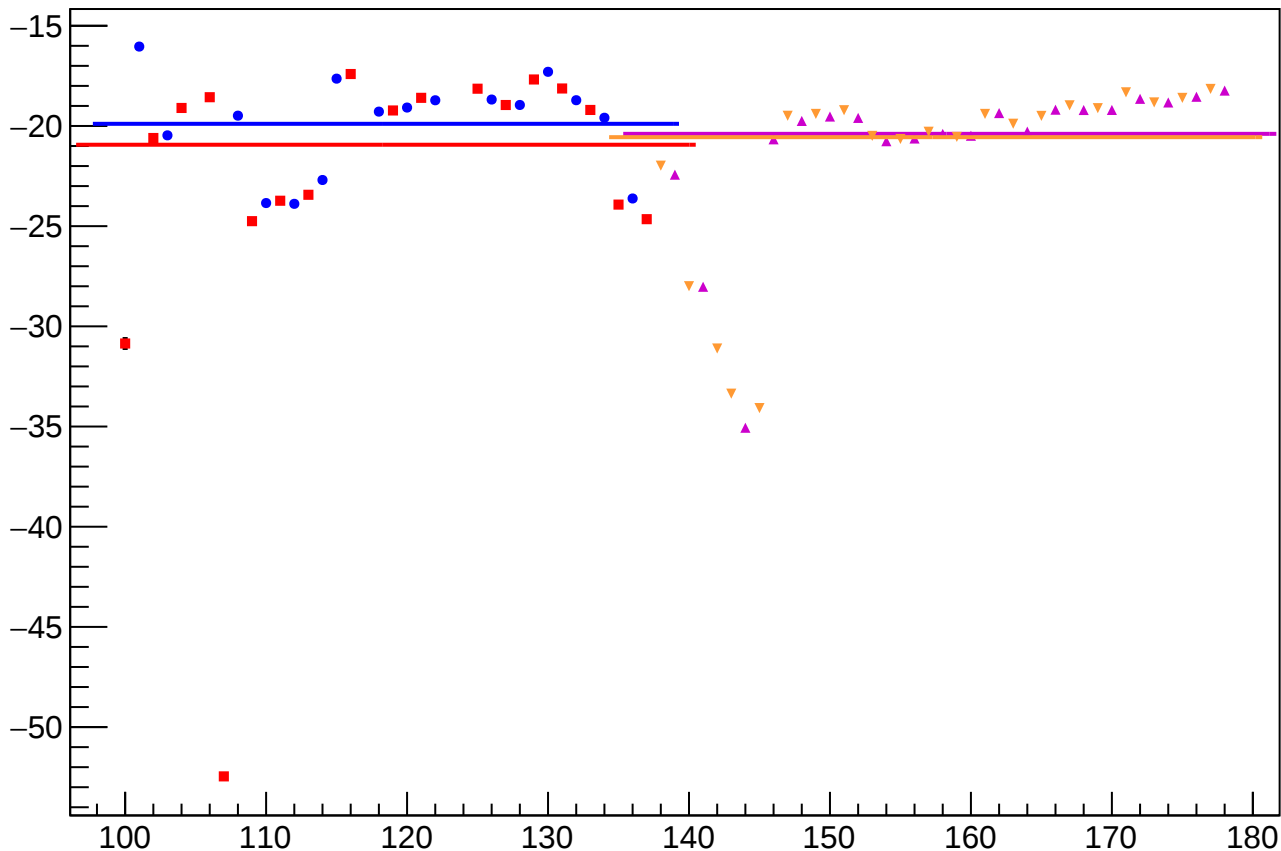
Right: 4.319 ± 0.180 χ^2/NDF : 1126.1/33

In: 7.634 ± 0.148 χ^2/NDF : 1126.4/35

Out: 7.395 ± 0.150 χ^2/NDF : 1029.5/38

All: 7.516 ± 0.105 χ^2/NDF : 2157.2/74

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: -20.559 ± 0.009 χ^2/NDF : 160872.1/20

Right Out: -20.936 ± 0.016 χ^2/NDF : 94127.3/17

Left In: -20.393 ± 0.008 χ^2/NDF : 121689.2/19

Left: -20.474 ± 0.006 χ^2/NDF : 282749.6/40

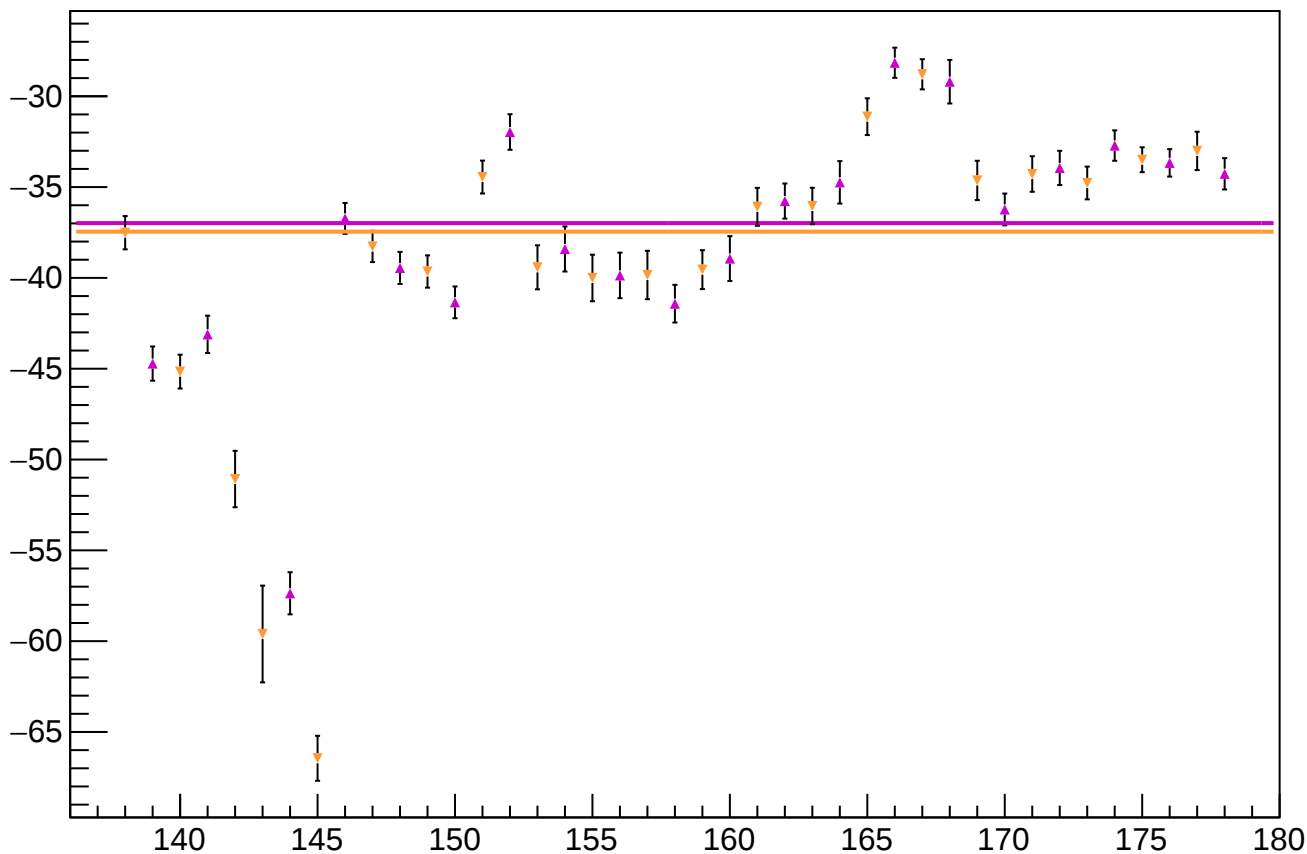
Right: -20.410 ± 0.011 χ^2/NDF : 122445.5/33

In: -20.279 ± 0.007 χ^2/NDF : 148577.3/35

Out: -20.648 ± 0.008 χ^2/NDF : 255440.9/38

All: -20.459 ± 0.005 χ^2/NDF : 405220.6/74

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



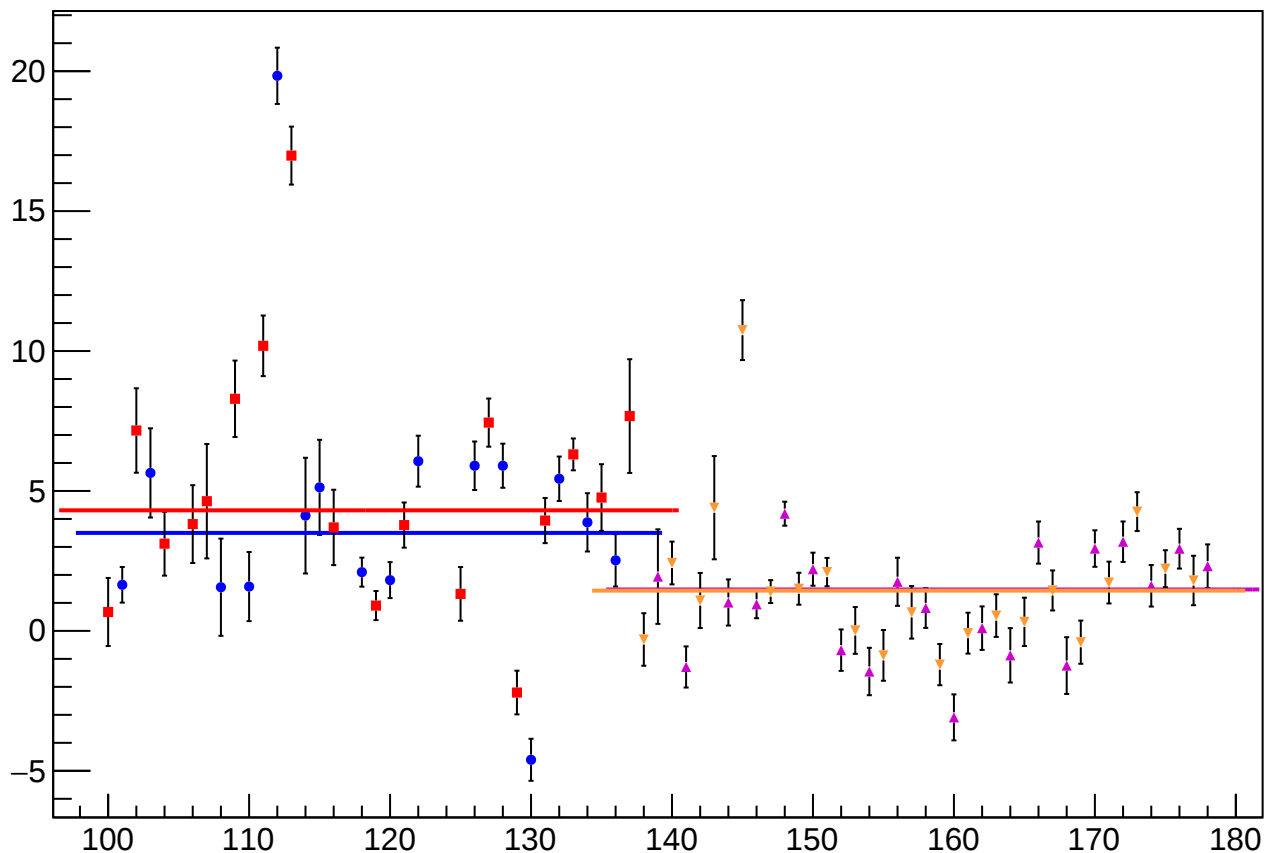
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -37.454+/-0.220 χ^2/NDF :1023.0/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.982+/-0.215 χ^2/NDF :725.0/19

Left: -37.213+/-0.154 χ^2/NDF : 1750.3/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.982+/-0.215 χ^2/NDF :725.0/19
 Out: -37.454+/-0.220 χ^2/NDF :1023.0/20

All: -37.213+/-0.154 χ^2/NDF : 1750.3/40

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: 1.439 ± 0.159 χ^2/NDF : 139.5/20

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.480 ± 0.160 χ^2/NDF : 146.7/19

Left: 1.459 ± 0.113 χ^2/NDF : 286.3/40

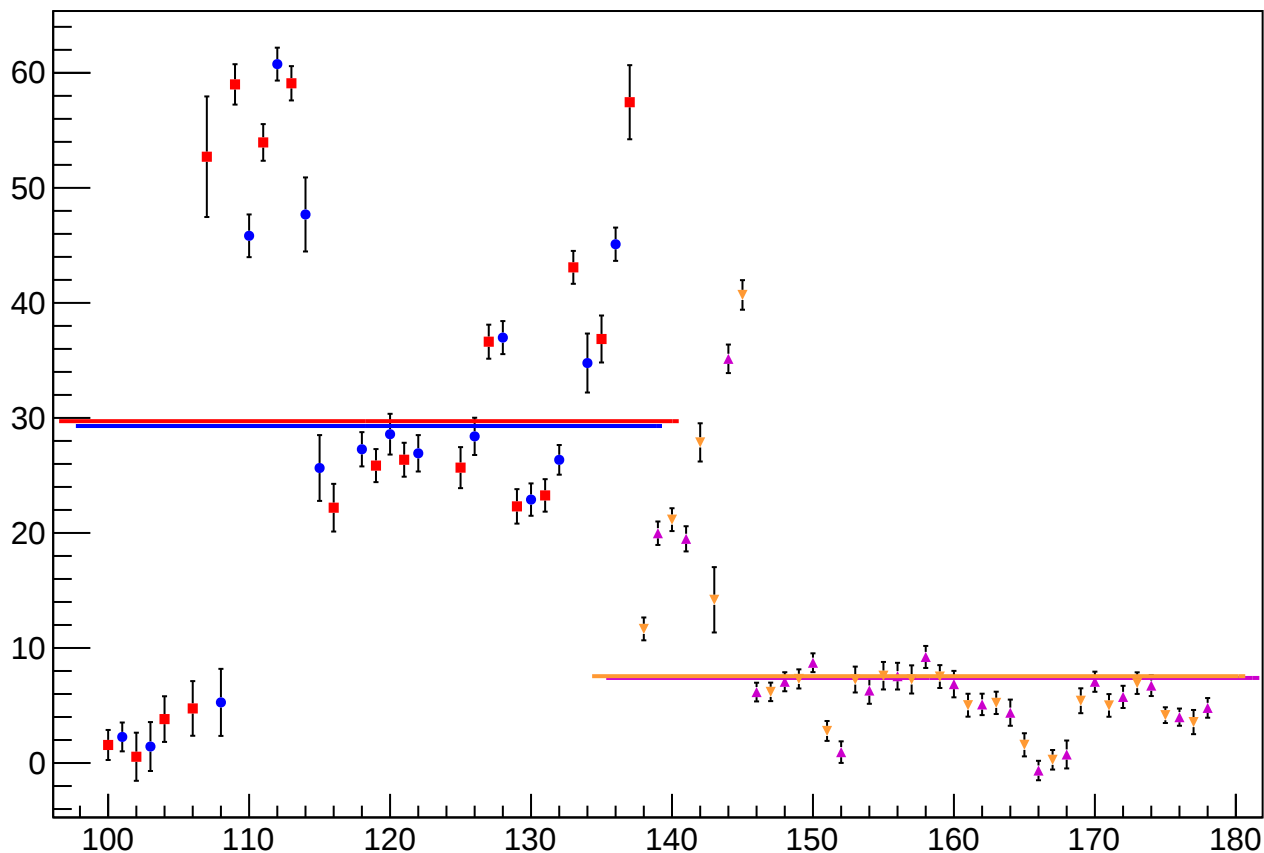
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.188 ± 0.129 χ^2/NDF : 644.7/35

Out: 2.413 ± 0.129 χ^2/NDF : 603.1/38

All: 2.300 ± 0.091 χ^2/NDF : 1249.4/74

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297+/-0.417 χ^2 /NDF: 1485.2/15

Left Out: 7.548+/-0.218 χ^2 /NDF:1228.6/20

Right Out: 29.719+/-0.403 χ^2 /NDF: 2128.9/17

Left In: 7.394+/-0.213 χ^2 /NDF:999.1/19

Left: 7.470+/-0.152 χ^2 /NDF: 2228.0/40

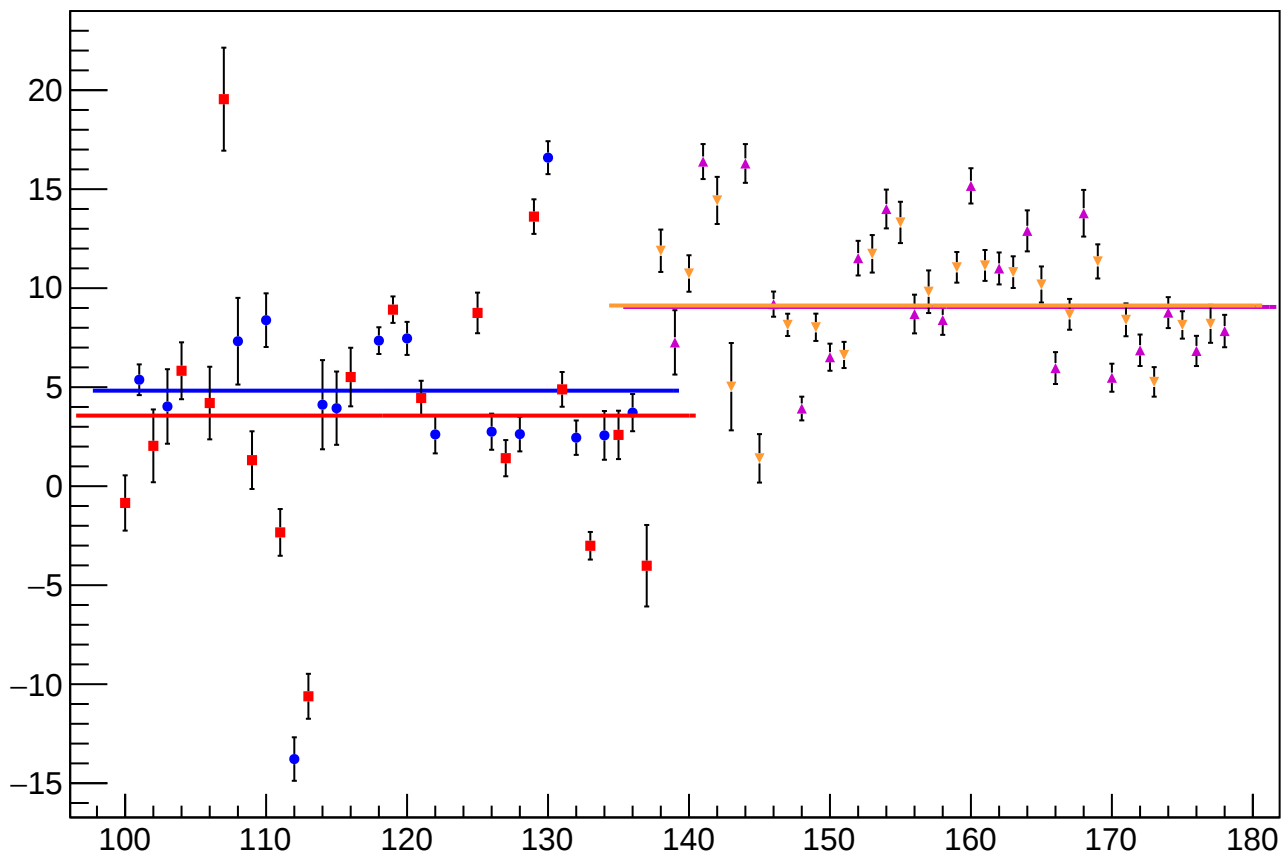
Right: 29.515+/-0.290 χ^2 /NDF: 3614.7/33

In: 11.906+/-0.189 χ^2 /NDF:4672.4/35

Out: 12.560+/-0.191 χ^2 /NDF:5705.0/38

All: 12.230+/-0.135 χ^2 /NDF: 10383.3/74

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: 9.124 $\pm$ 0.184 χ^2 /NDF:173.1/20

Right Out: 3.564 $\pm$ 0.254 χ^2 /NDF: 570.2/17

Left In: 9.051 $\pm$ 0.184 χ^2 /NDF:387.8/19

Left: 9.088 $\pm$ 0.130 χ^2 /NDF: 561.0/40

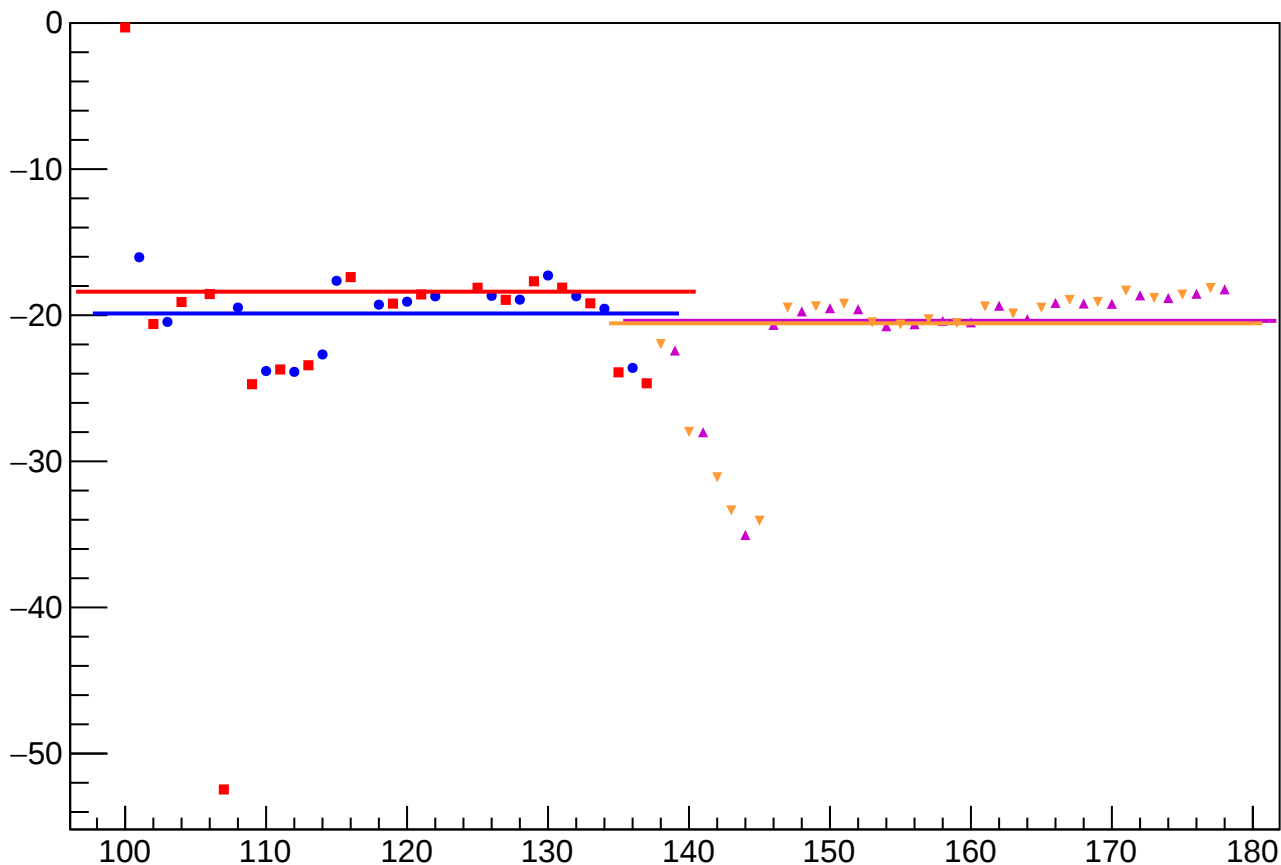
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 7.582 $\pm$ 0.148 χ^2 /NDF:1121.4/35

Out: 7.217 $\pm$ 0.149 χ^2 /NDF:1057.0/38

All: 7.400 $\pm$ 0.105 χ^2 /NDF: 2181.4/74

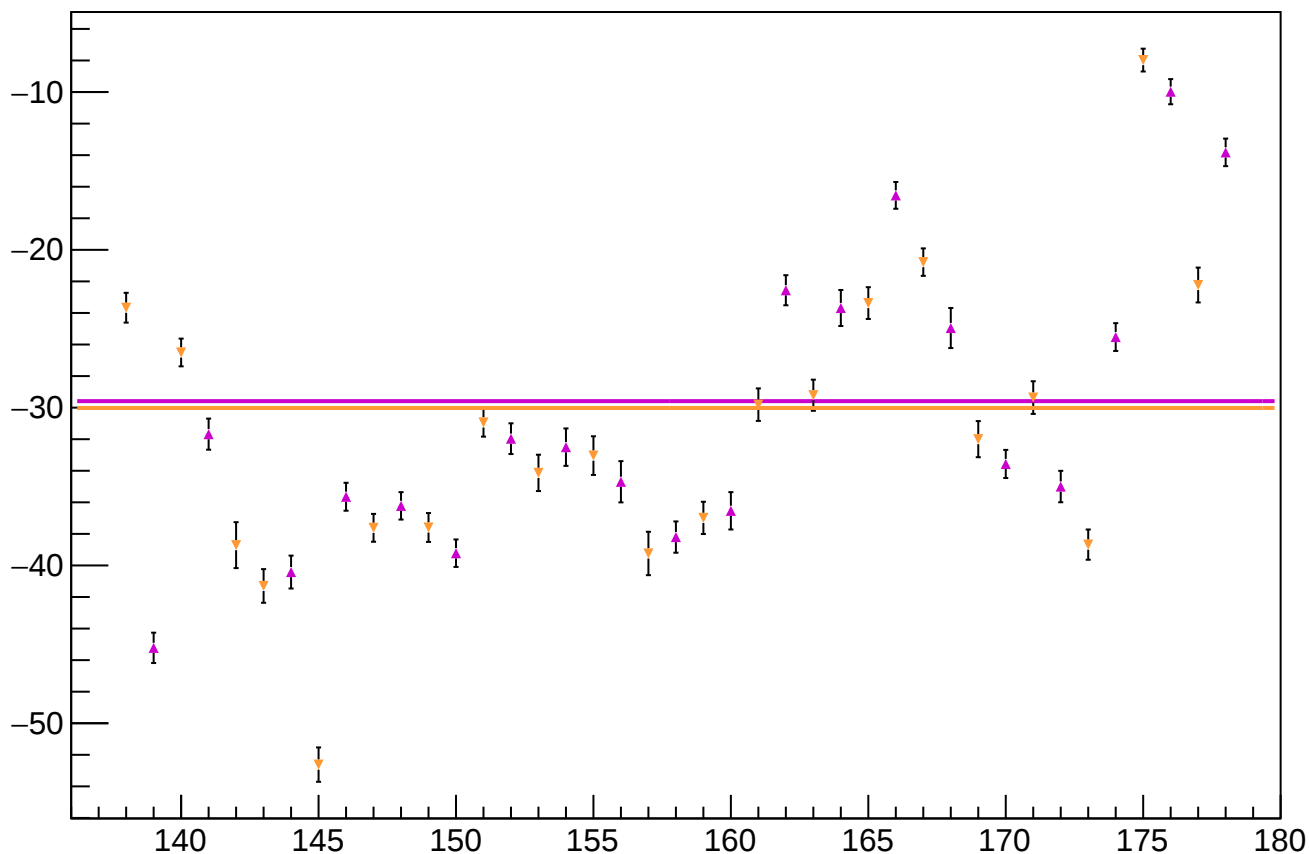
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -20.551 ± 0.009 $\chi^2/\text{NDF}: 160989.7/20$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -20.384 ± 0.008 $\chi^2/\text{NDF}: 121601.9/19$

Left: -20.466 ± 0.006 $\chi^2/\text{NDF}: 282782.2/40$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.269 ± 0.007 $\chi^2/\text{NDF}: 148490.9/35$
 Out: -19.994 ± 0.007 $\chi^2/\text{NDF}: 478245.8/38$
 All: -20.132 ± 0.005 $\chi^2/\text{NDF}: 627418.4/74$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



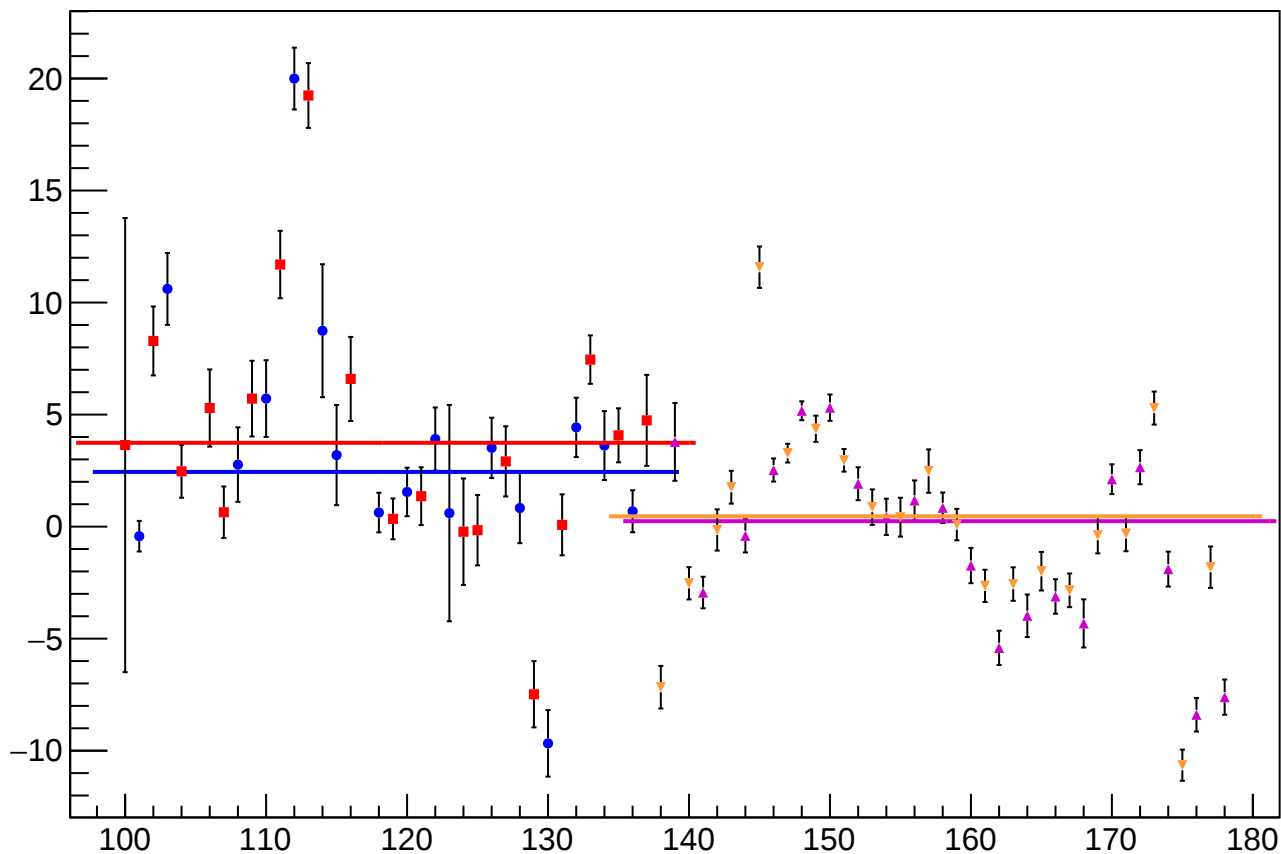
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -30.020+/-0.218 χ^2/NDF :2113.7/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.587+/-0.216 χ^2/NDF :2074.9/19

Left: -29.802+/-0.154 χ^2/NDF : 4190.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.587+/-0.216 χ^2/NDF :2074.9/19
 Out: -30.020+/-0.218 χ^2/NDF :2113.7/20

All: -29.802+/-0.154 χ^2/NDF : 4190.6/40

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: 0.461 ± 0.156 $\chi^2/\text{NDF}: 716.6/20$

Right Out: 3.740 ± 0.326 $\chi^2/\text{NDF}: 268.1/18$

Left In: 0.243 ± 0.160 $\chi^2/\text{NDF}: 640.0/19$

Left: 0.354 ± 0.112 $\chi^2/\text{NDF}: 1357.6/40$

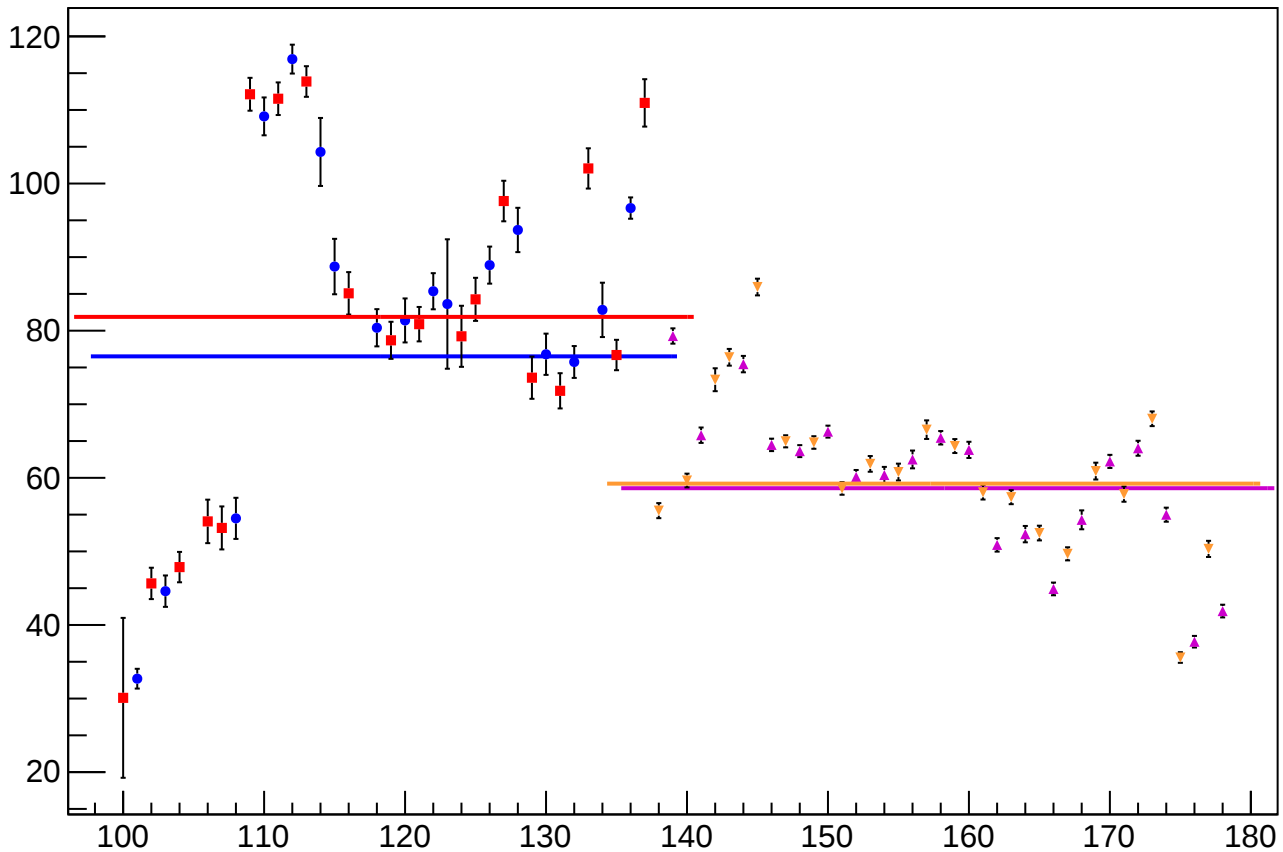
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/35$

In: 0.700 ± 0.142 $\chi^2/\text{NDF}: 974.2/36$

Out: 1.073 ± 0.141 $\chi^2/\text{NDF}: 1066.8/39$

All: 0.888 ± 0.100 $\chi^2/\text{NDF}: 2044.5/76$

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: 59.211 $\pm$ 0.216 χ^2 /NDF:2420.9/20

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 58.589 $\pm$ 0.214 χ^2 /NDF:2436.4/19

Left: 58.897 $\pm$ 0.152 χ^2 /NDF: 4861.5/40

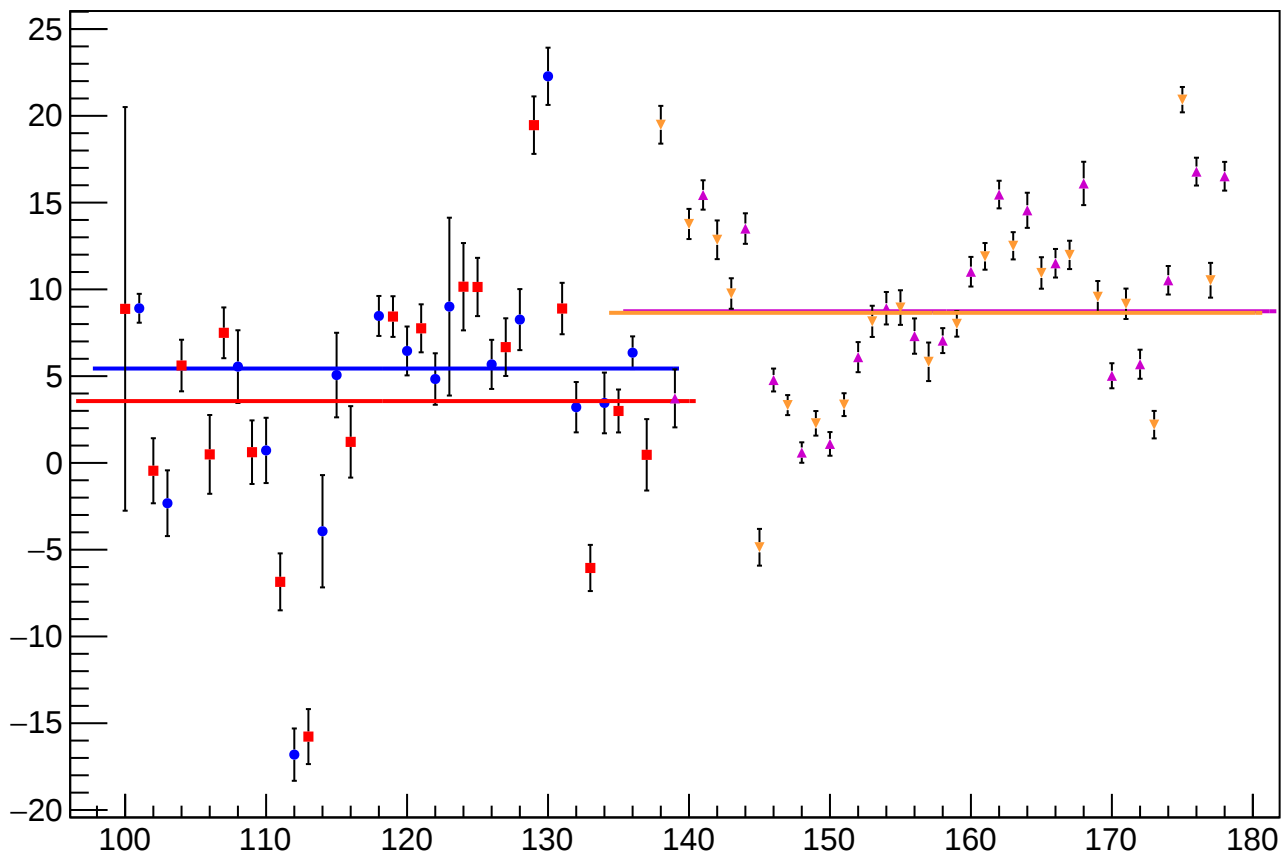
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 60.767 $\pm$ 0.200 χ^2 /NDF:5543.0/36

Out: 61.873 $\pm$ 0.203 χ^2 /NDF:5286.4/39

All: 61.313 $\pm$ 0.142 χ^2 /NDF: 10844.5/76

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 8.649 ± 0.181 $\chi^2/\text{NDF}: 969.6/20$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 8.739 ± 0.184 $\chi^2/\text{NDF}: 861.5/19$

Left: 8.694 ± 0.129 $\chi^2/\text{NDF}: 1831.2/40$

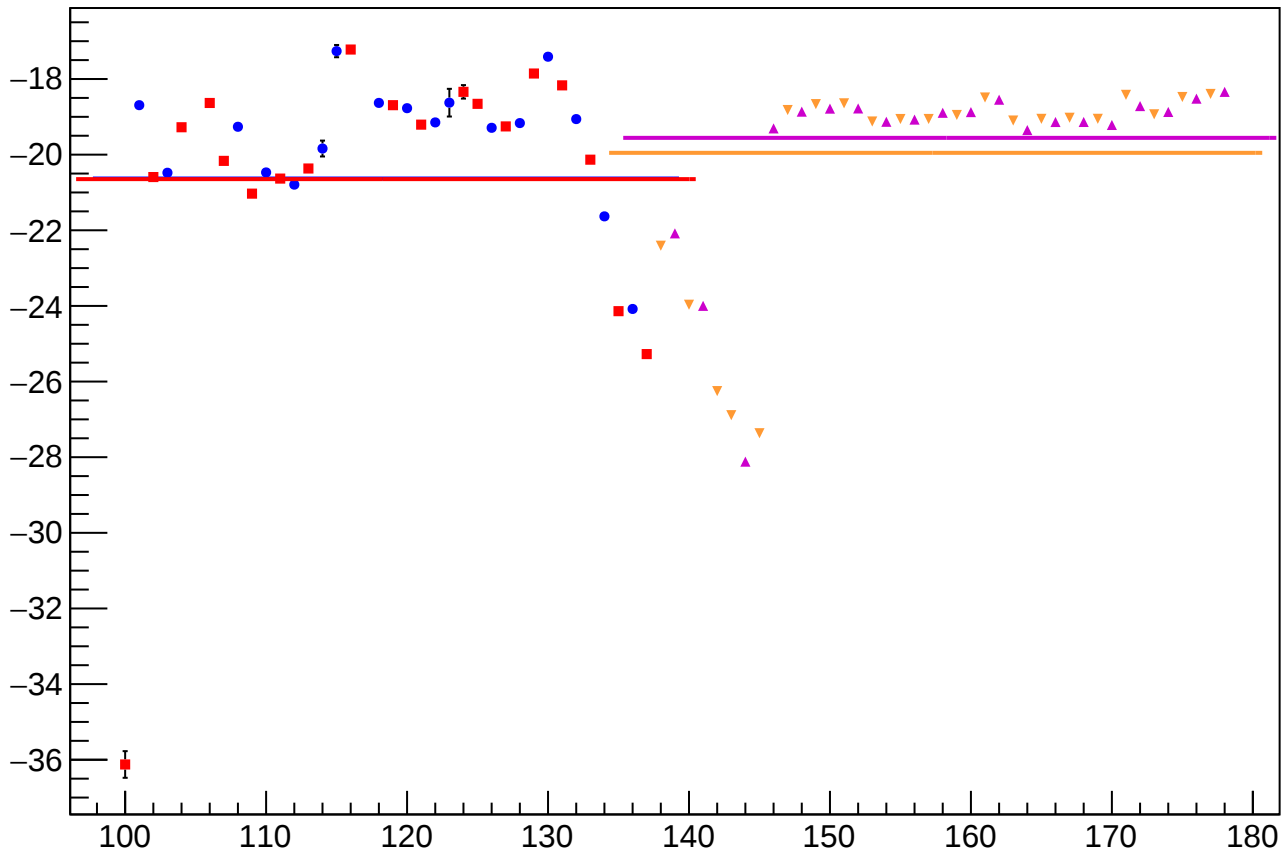
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 8.050 ± 0.163 $\chi^2/\text{NDF}: 1315.0/36$

Out: 7.684 ± 0.163 $\chi^2/\text{NDF}: 1539.5/39$

All: 7.867 ± 0.116 $\chi^2/\text{NDF}: 2856.9/76$

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: -19.952 ± 0.009 $\chi^2/\text{NDF}: 88512.2/20$

Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13908.9/18$

Left In: -19.556 ± 0.009 $\chi^2/\text{NDF}: 52614.4/19$

Left: -19.752 ± 0.006 $\chi^2/\text{NDF}: 142196.7/40$

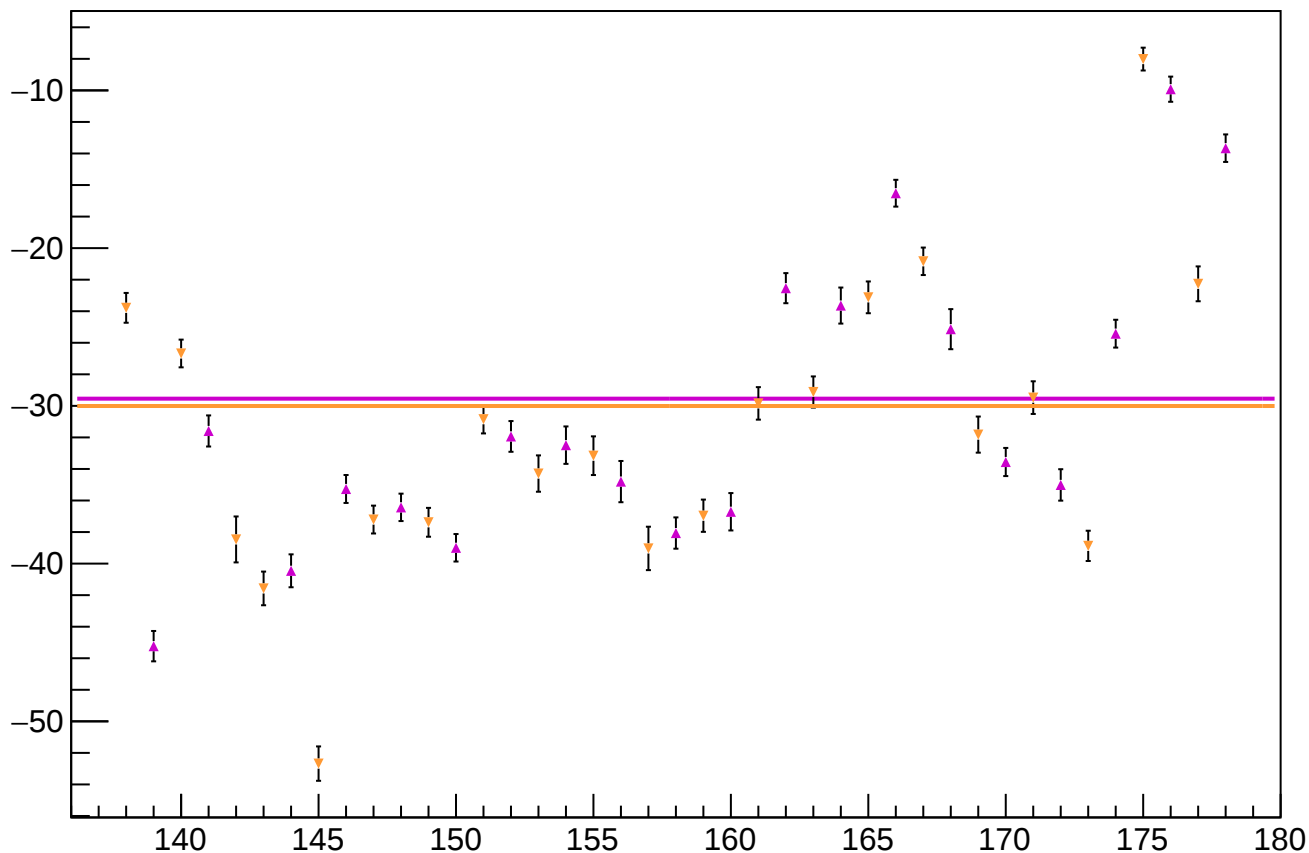
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -19.731 ± 0.008 $\chi^2/\text{NDF}: 67717.5/36$

Out: -20.066 ± 0.008 $\chi^2/\text{NDF}: 103491.6/39$

All: -19.897 ± 0.006 $\chi^2/\text{NDF}: 172124.9/76$

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: -30.009+/-0.218 χ^2/NDF :2103.2/20

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

Left In: -29.543+/-0.217 χ^2/NDF :2076.5/19

Left: -29.774+/-0.154 χ^2/NDF : 4181.9/40

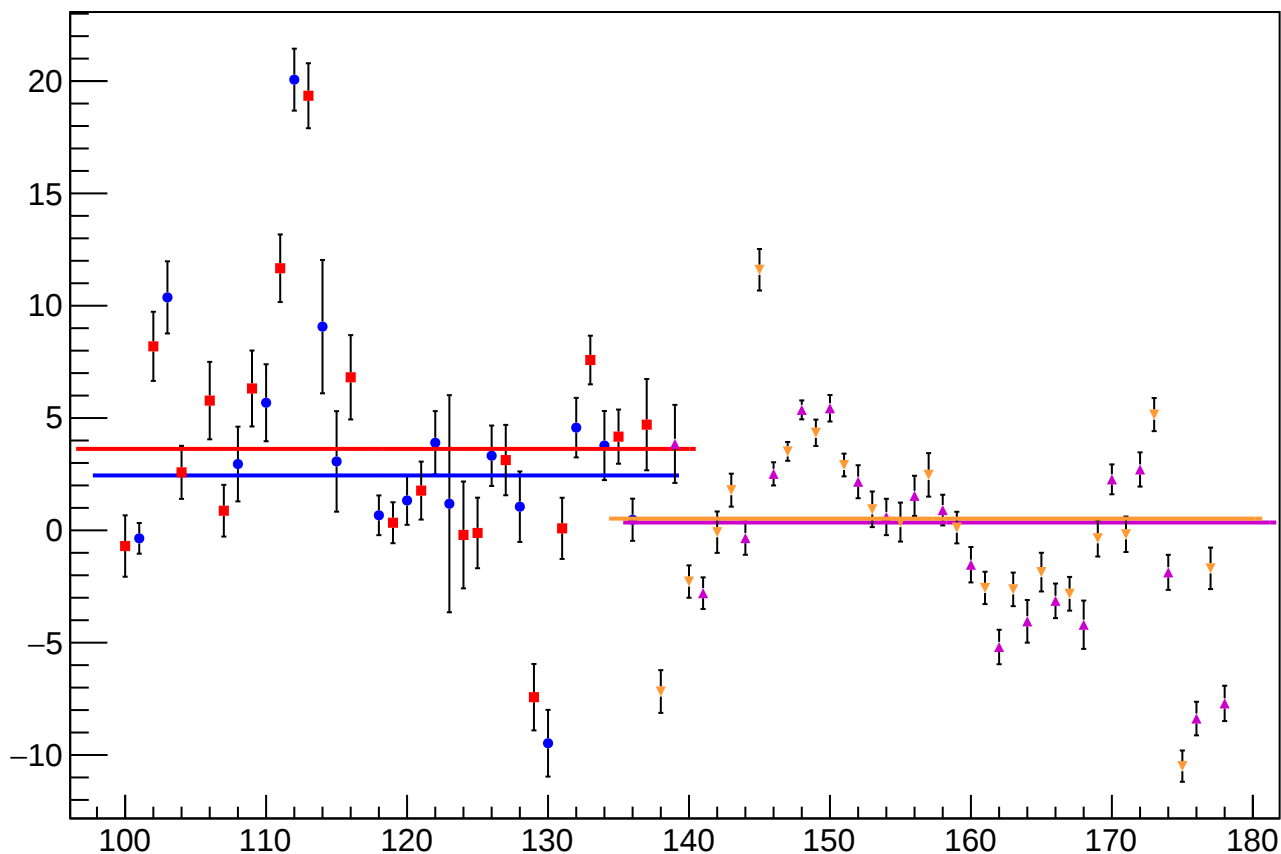
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.543+/-0.217 χ^2/NDF :2076.5/19

Out: -30.009+/-0.218 χ^2/NDF :2103.2/20

All: -29.774+/-0.154 χ^2/NDF : 4181.9/40

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 $\chi^2/\text{NDF}: 292.7/16$

Left Out: 0.523 ± 0.157 $\chi^2/\text{NDF}: 708.6/20$

Right Out: 3.626 ± 0.318 $\chi^2/\text{NDF}: 278.9/18$

Left In: 0.350 ± 0.160 $\chi^2/\text{NDF}: 652.2/19$

Left: 0.438 ± 0.112 $\chi^2/\text{NDF}: 1361.3/40$

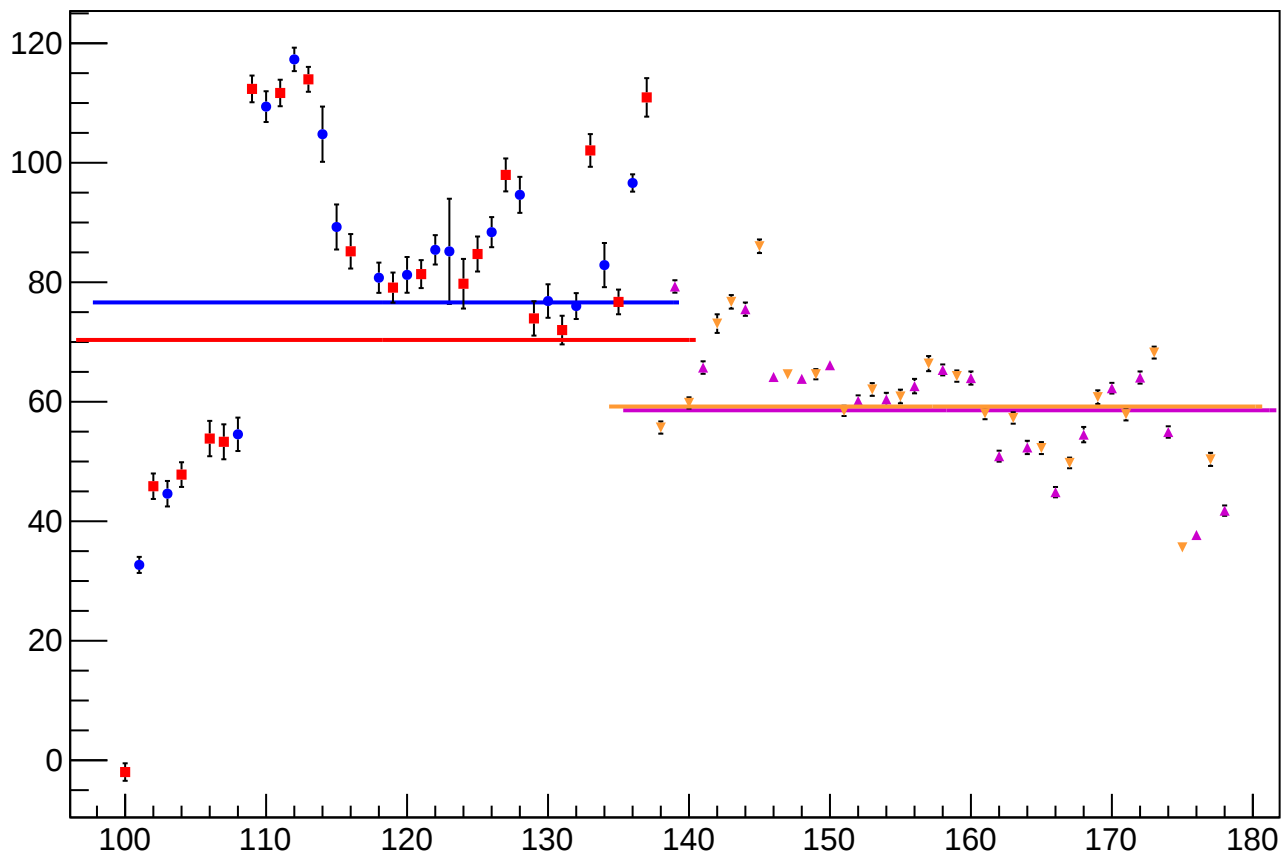
Right: 3.024 ± 0.223 $\chi^2/\text{NDF}: 578.6/35$

In: 0.785 ± 0.142 $\chi^2/\text{NDF}: 980.6/36$

Out: 1.129 ± 0.140 $\chi^2/\text{NDF}: 1064.2/39$

All: 0.959 ± 0.100 $\chi^2/\text{NDF}: 2047.8/76$

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: 59.205 $\pm$ 0.216 χ^2 /NDF: 2417.8/20

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 58.573 $\pm$ 0.214 χ^2 /NDF: 2435.9/19

Left: 58.886 $\pm$ 0.152 χ^2 /NDF: 4858.0/40

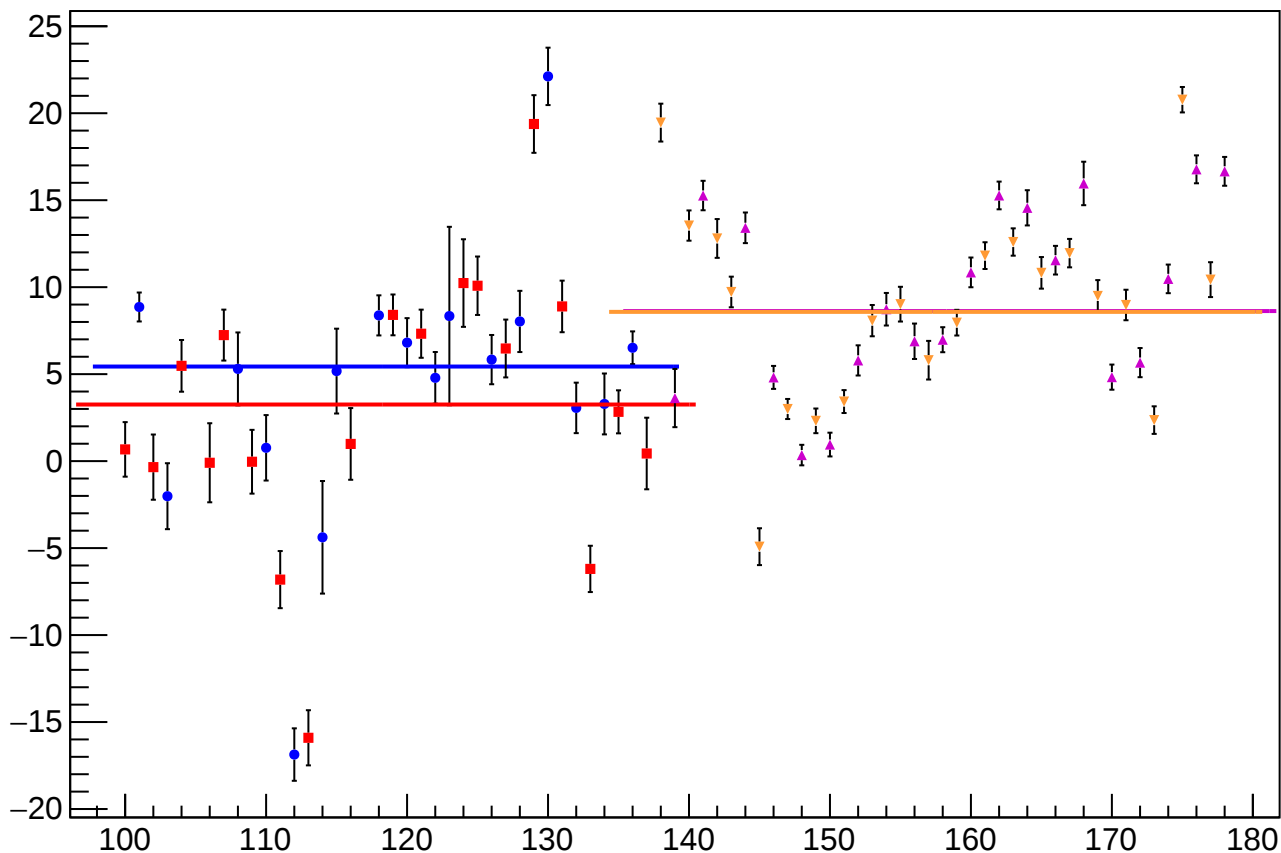
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 60.768 $\pm$ 0.200 χ^2 /NDF: 5566.2/36

Out: 60.695 $\pm$ 0.201 χ^2 /NDF: 7162.0/39

All: 60.732 $\pm$ 0.142 χ^2 /NDF: 12728.2/76

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 8.580 ± 0.182 $\chi^2/\text{NDF}: 963.1/20$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 8.626 ± 0.184 $\chi^2/\text{NDF}: 875.9/19$

Left: 8.603 ± 0.129 $\chi^2/\text{NDF}: 1839.0/40$

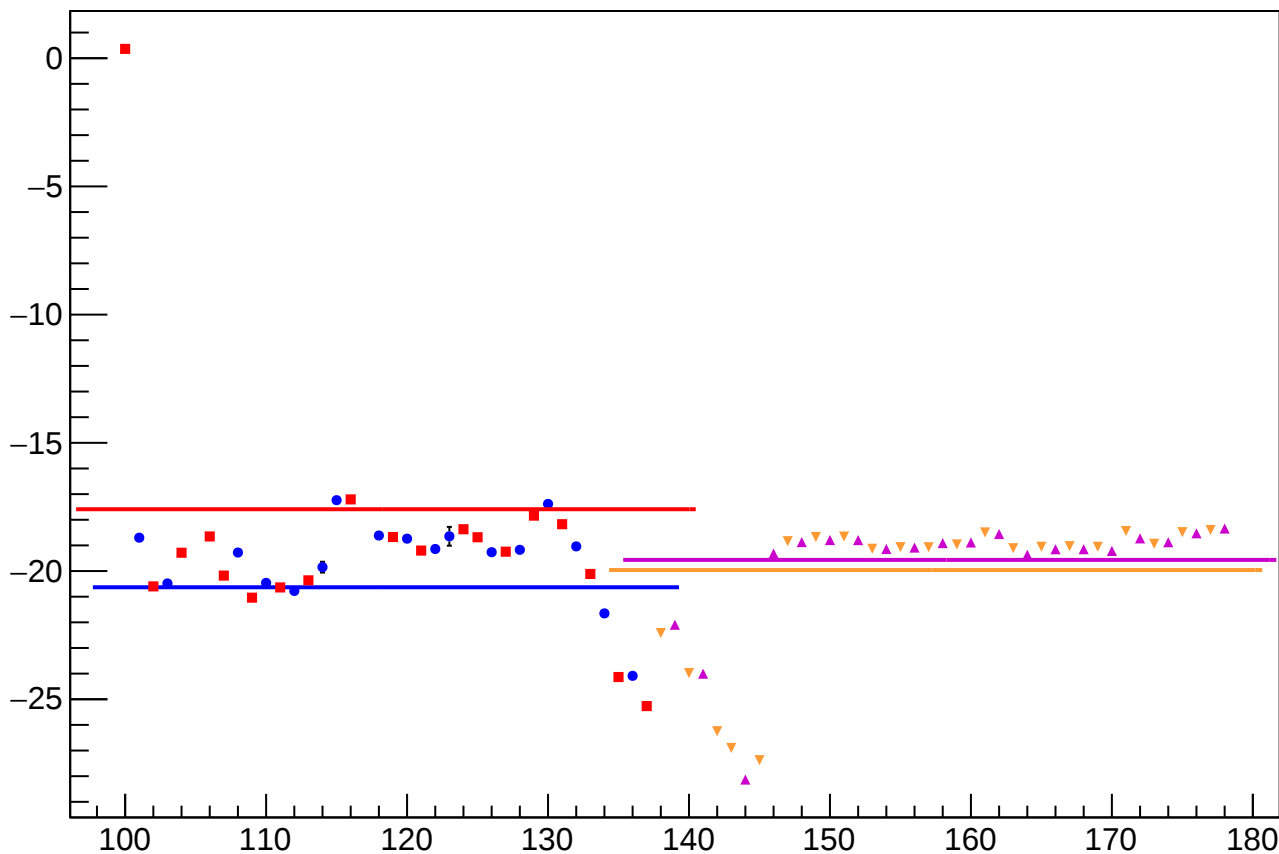
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 7.961 ± 0.164 $\chi^2/\text{NDF}: 1323.2/36$

Out: 7.524 ± 0.163 $\chi^2/\text{NDF}: 1557.5/39$

All: 7.741 ± 0.115 $\chi^2/\text{NDF}: 2884.3/76$

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: -19.961 ± 0.009 $\chi^2/\text{NDF}: 88383.4/20$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -19.565 ± 0.009 $\chi^2/\text{NDF}: 52569.6/19$

Left: -19.761 ± 0.006 $\chi^2/\text{NDF}: 142018.4/40$

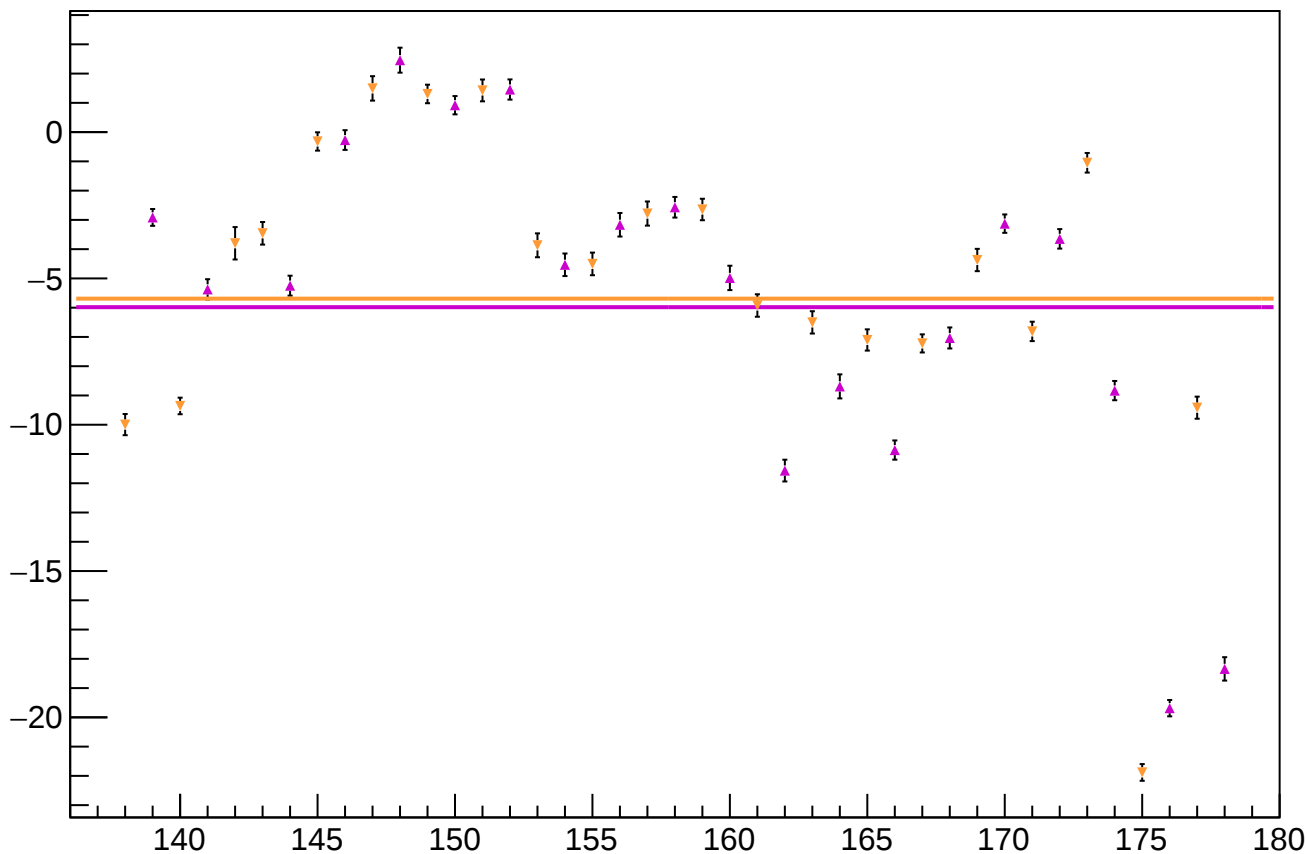
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -19.739 ± 0.008 $\chi^2/\text{NDF}: 67669.5/36$

Out: -19.519 ± 0.008 $\chi^2/\text{NDF}: 281163.9/39$

All: -19.629 ± 0.006 $\chi^2/\text{NDF}: 349233.2/76$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



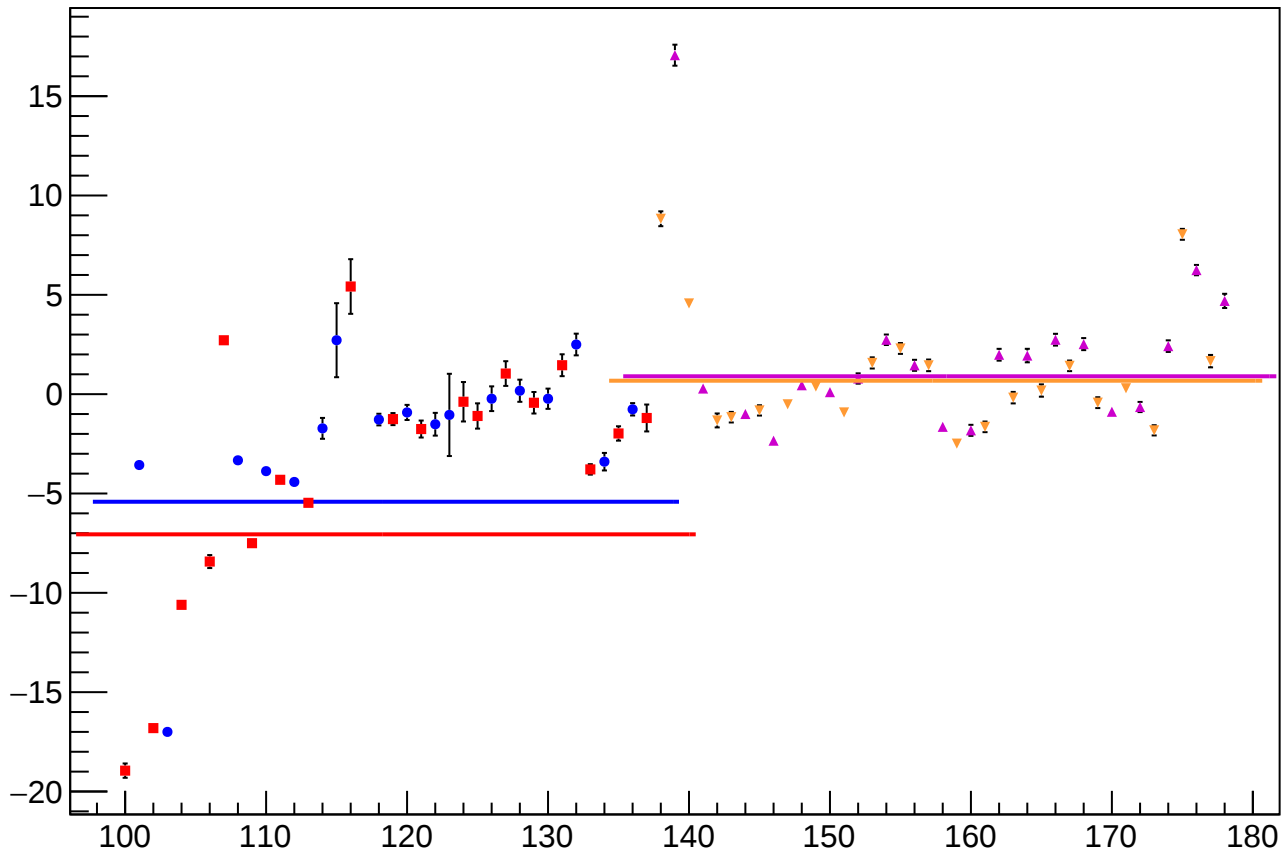
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.691+/-0.078 χ^2/NDF :5511.7/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.983+/-0.078 χ^2/NDF :5979.3/19

Left: -5.837+/-0.055 χ^2/NDF : 11498.1/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.983+/-0.078 χ^2/NDF :5979.3/19
 Out: -5.691+/-0.078 χ^2/NDF :5511.7/20

All: -5.837+/-0.055 χ^2/NDF : 11498.1/40

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: 0.677 ± 0.058 χ^2/NDF : 2094.1/20

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 0.900 ± 0.059 χ^2/NDF : 2253.4/19

Left: 0.785 ± 0.041 χ^2/NDF : 4354.7/40

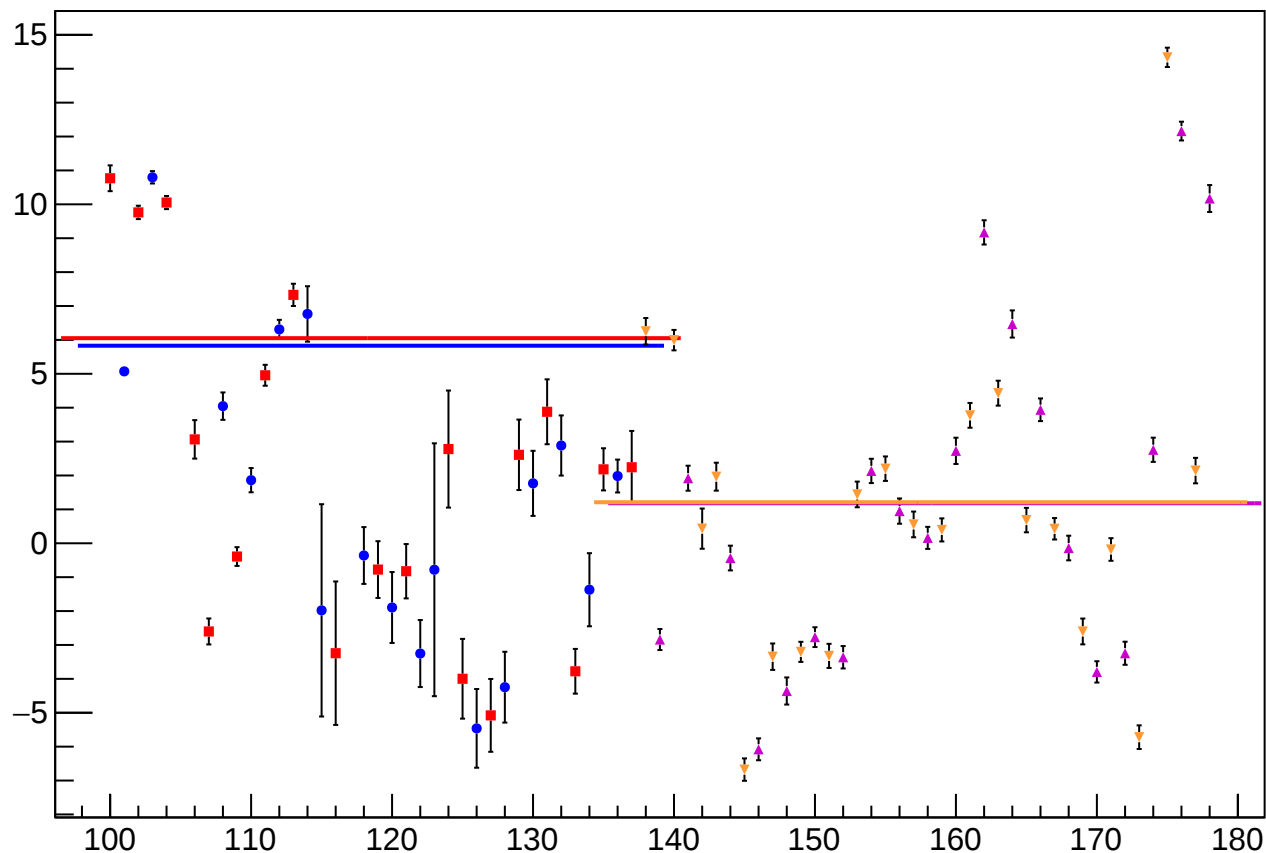
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -2.504 ± 0.040 χ^2/NDF : 17639.0/36

Out: -3.090 ± 0.041 χ^2/NDF : 23234.0/39

All: -2.790 ± 0.029 χ^2/NDF : 40976.6/76

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: 1.210 ± 0.077 $\chi^2/\text{NDF}: 4292.7/20$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: 1.181 ± 0.077 $\chi^2/\text{NDF}: 4573.2/19$

Left: 1.195 ± 0.054 $\chi^2/\text{NDF}: 8865.9/40$

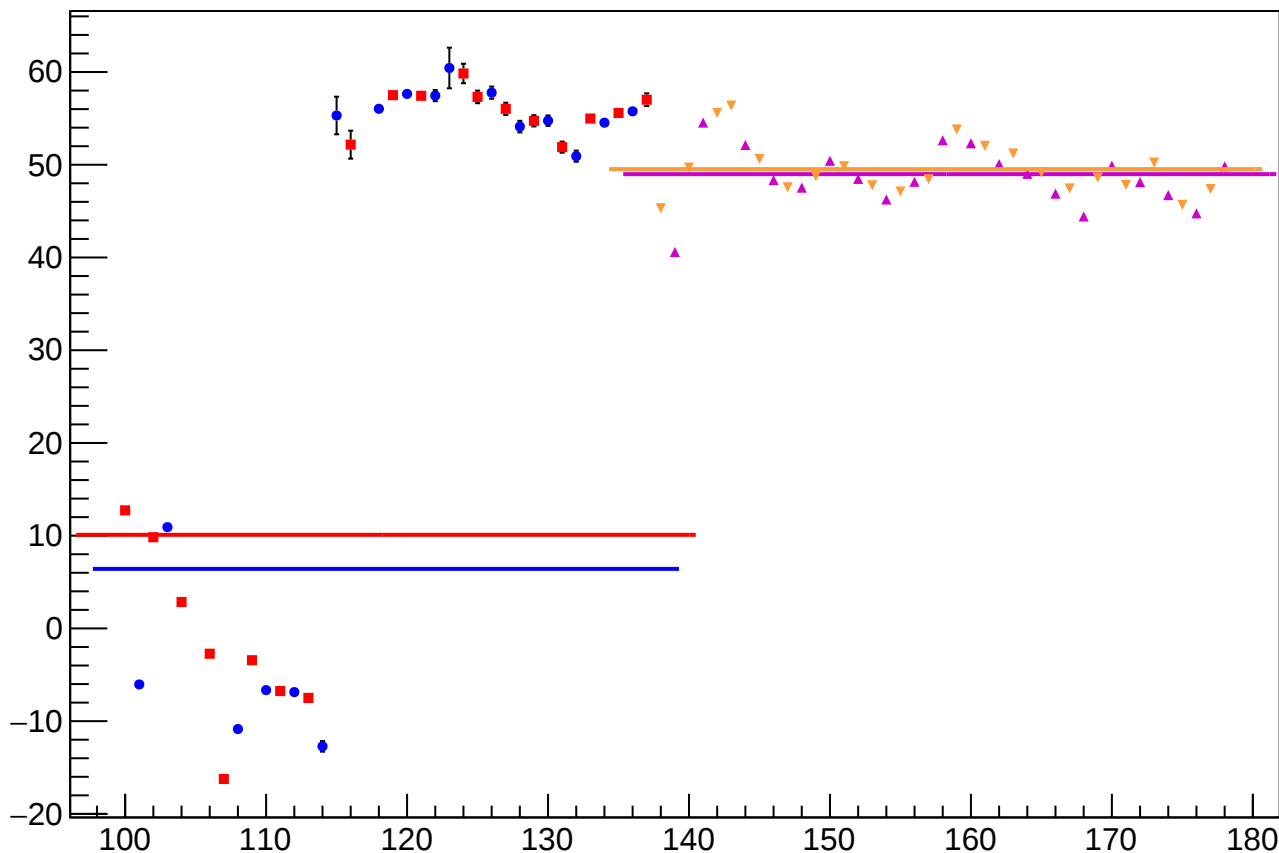
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 3.149 ± 0.058 $\chi^2/\text{NDF}: 7572.7/36$

Out: 3.180 ± 0.060 $\chi^2/\text{NDF}: 8563.5/39$

All: 3.164 ± 0.042 $\chi^2/\text{NDF}: 16136.3/76$

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: 49.530 ± 0.066 χ^2/NDF : 1625.5/20

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 48.988 ± 0.067 χ^2/NDF : 1752.4/19

Left: 49.264 ± 0.047 χ^2/NDF : 3411.2/40

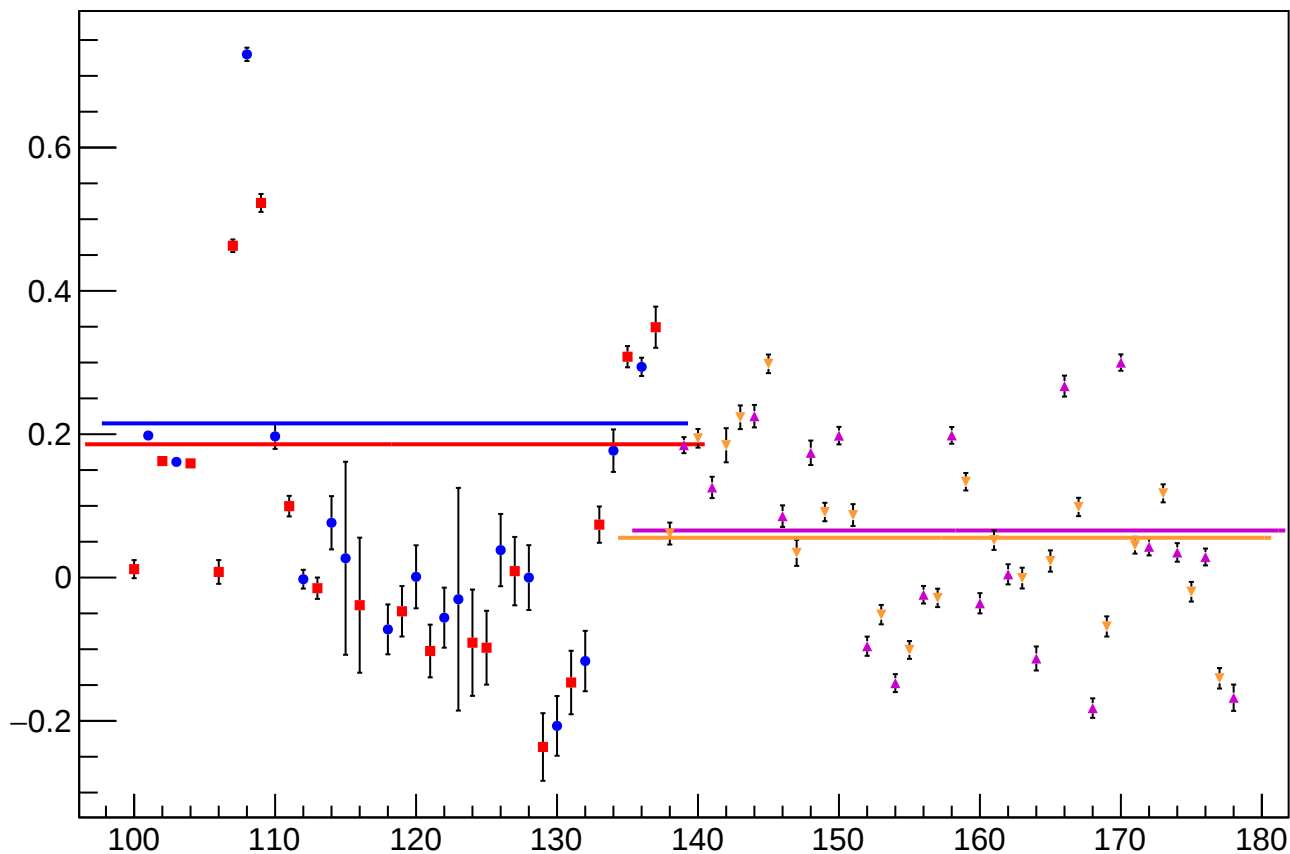
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 26.931 ± 0.047 χ^2/NDF : 333213.8/36

Out: 30.949 ± 0.048 χ^2/NDF : 292962.1/39

All: 28.887 ± 0.033 χ^2/NDF : 629795.4/76

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: 0.056 ± 0.003 χ^2/NDF : 1267.9/20

Right Out: 0.186 ± 0.003 χ^2/NDF : 2719.3/18

Left In: 0.066 ± 0.003 χ^2/NDF : 2311.7/19

Left: 0.061 ± 0.002 χ^2/NDF : 3585.4/40

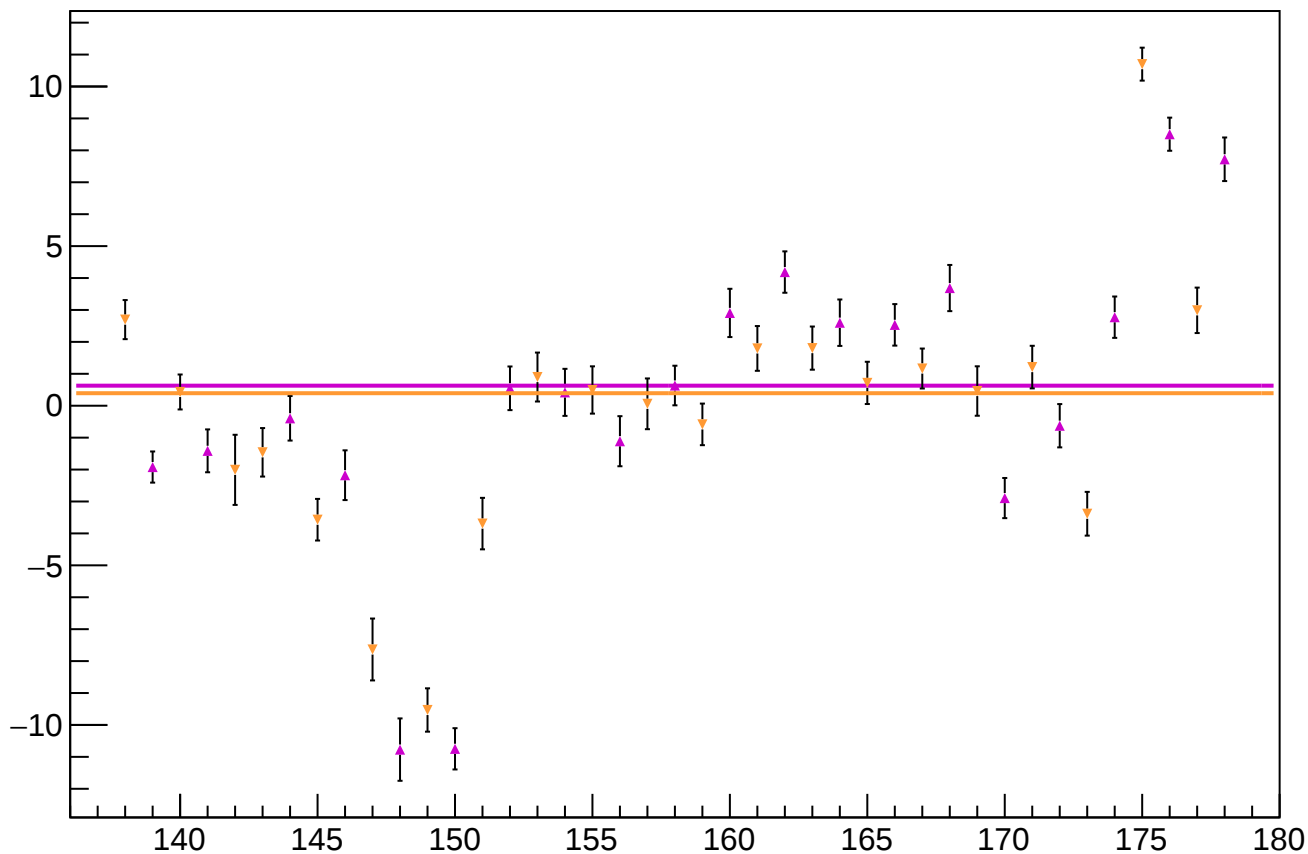
Right: 0.200 ± 0.002 χ^2/NDF : 6703.5/35

In: 0.146 ± 0.002 χ^2/NDF : 7580.2/36

Out: 0.128 ± 0.002 χ^2/NDF : 5027.5/39

All: 0.137 ± 0.001 χ^2/NDF : 12646.8/76

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: 0.392 $\pm$ 0.151 χ^2 /NDF:826.6/20

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

Left In: 0.628 $\pm$ 0.149 χ^2 /NDF:959.6/19

Left: 0.512 $\pm$ 0.106 χ^2 /NDF: 1787.5/40

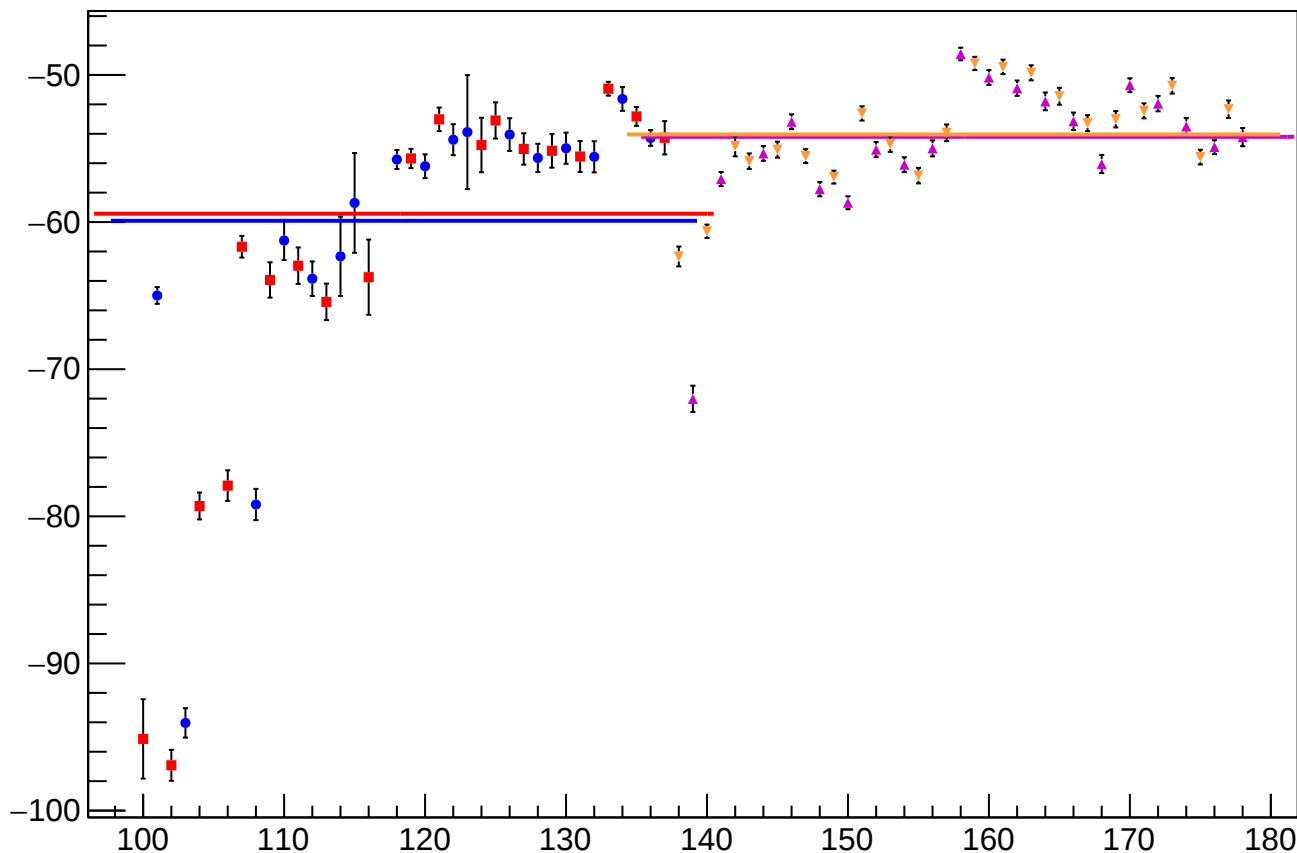
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.628 $\pm$ 0.149 χ^2 /NDF:959.6/19

Out: 0.392 $\pm$ 0.151 χ^2 /NDF:826.6/20

All: 0.512 $\pm$ 0.106 χ^2 /NDF: 1787.5/40

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 $\pm$ 0.223 χ^2 /NDF: 1980.8/16

Left Out: -54.043 $\pm$ 0.114 χ^2 /NDF:829.0/20

Right Out: -59.432 $\pm$ 0.212 χ^2 /NDF: 2918.9/18

Left In: -54.205 $\pm$ 0.117 χ^2 /NDF:998.9/19

Left: -54.122 $\pm$ 0.082 χ^2 /NDF: 1828.8/40

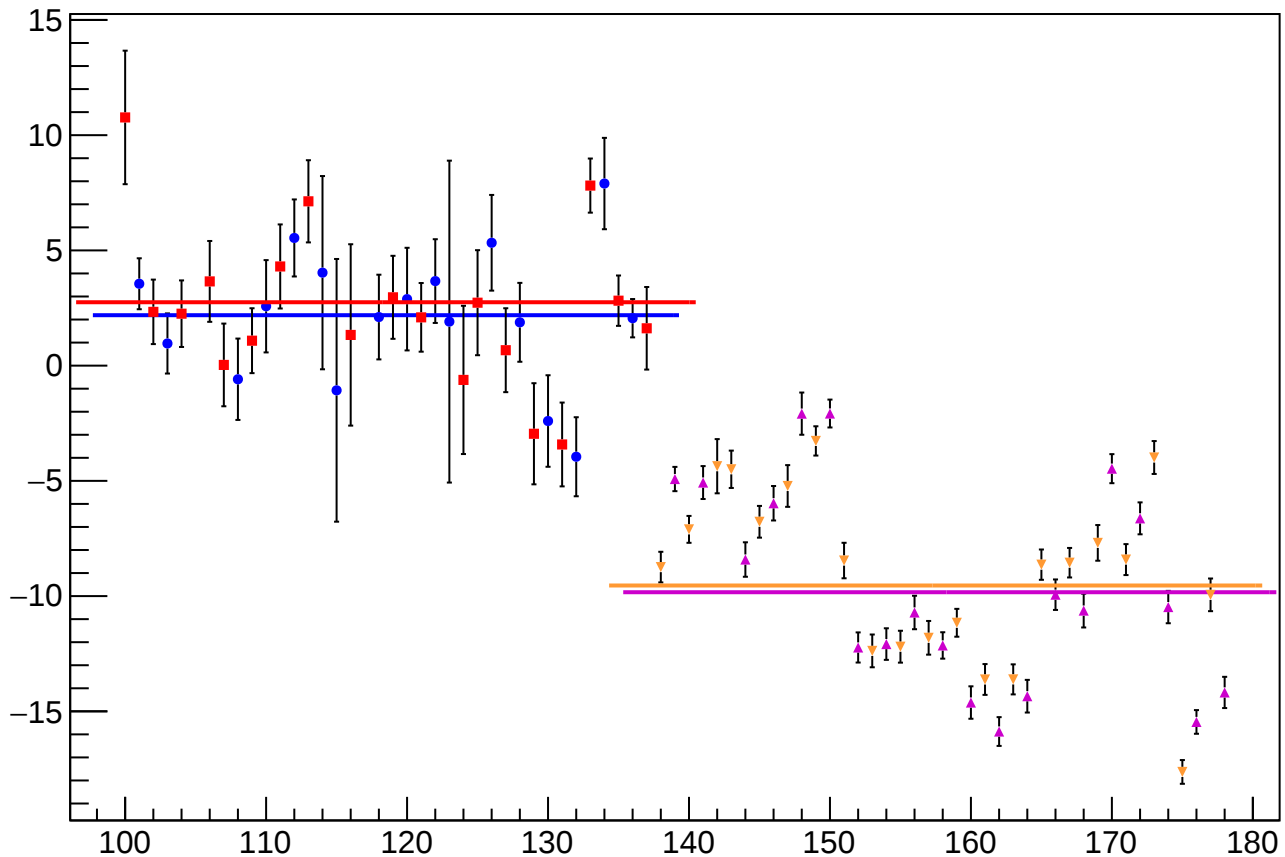
Right: -59.659 $\pm$ 0.154 χ^2 /NDF: 4902.1/35

In: -55.432 $\pm$ 0.104 χ^2 /NDF:3492.7/36

Out: -55.252 $\pm$ 0.100 χ^2 /NDF:4250.6/39

All: -55.339 $\pm$ 0.072 χ^2 /NDF: 7744.9/76

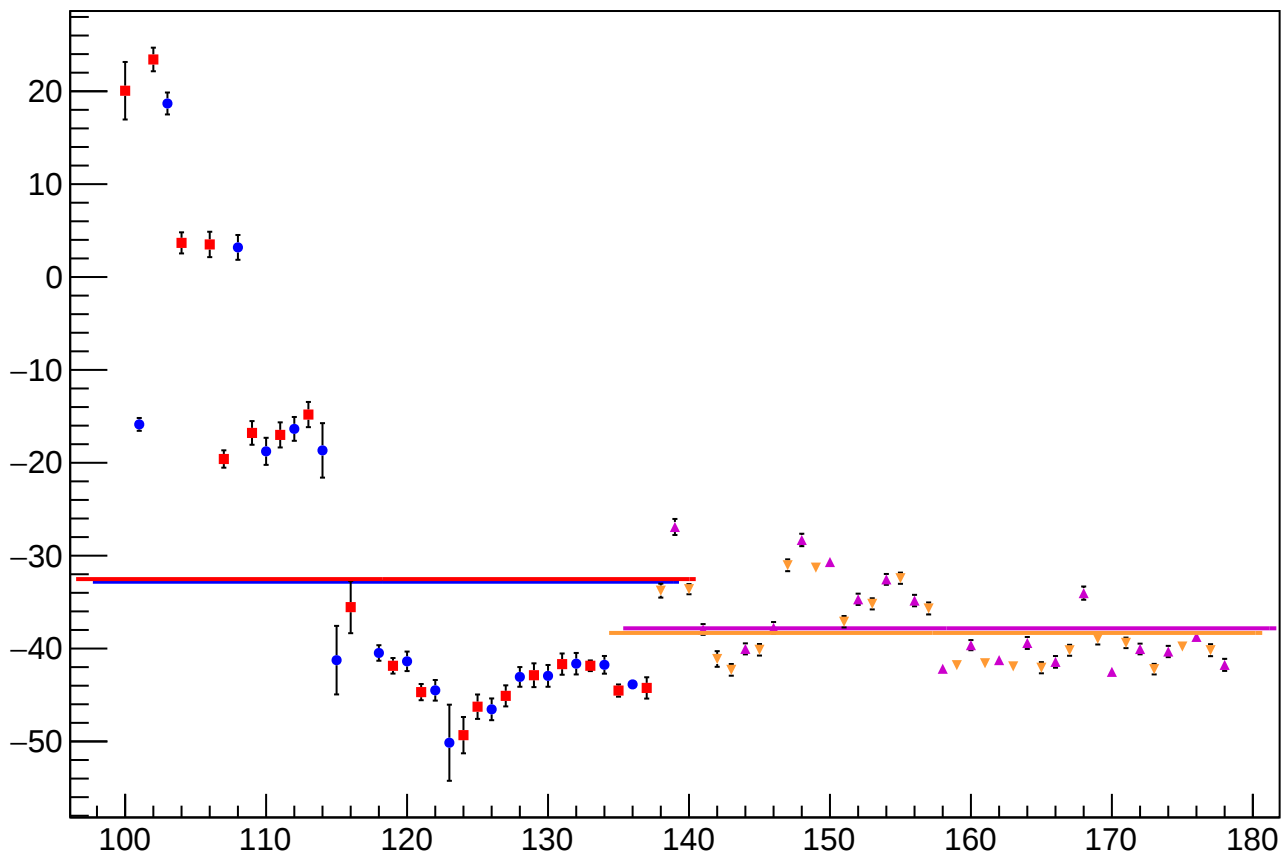
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -9.540 ± 0.150 $\chi^2/\text{NDF}: 659.4/20$
 Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 Left In: -9.832 ± 0.148 $\chi^2/\text{NDF}: 877.3/19$

Left: -9.688 ± 0.105 $\chi^2/\text{NDF}: 1538.6/40$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -8.417 ± 0.139 $\chi^2/\text{NDF}: 1695.4/36$
 Out: -7.941 ± 0.140 $\chi^2/\text{NDF}: 1593.8/39$
 All: -8.181 ± 0.098 $\chi^2/\text{NDF}: 3295.0/76$

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: -38.318 ± 0.129 $\chi^2/\text{NDF}: 872.8/20$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -37.821 ± 0.131 $\chi^2/\text{NDF}: 1070.3/19$

Left: -38.073 ± 0.092 $\chi^2/\text{NDF}: 1950.4/40$

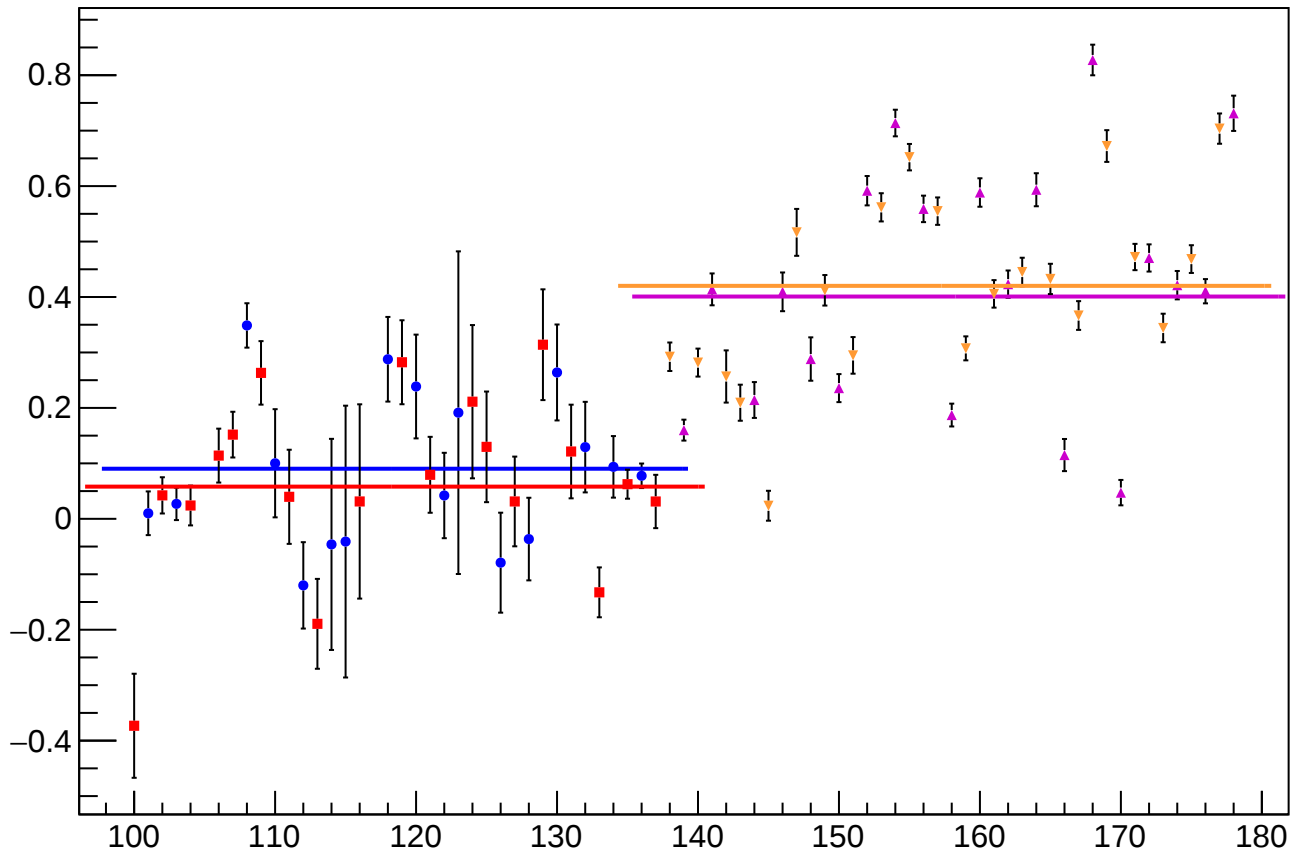
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -36.769 ± 0.116 $\chi^2/\text{NDF}: 6040.4/36$

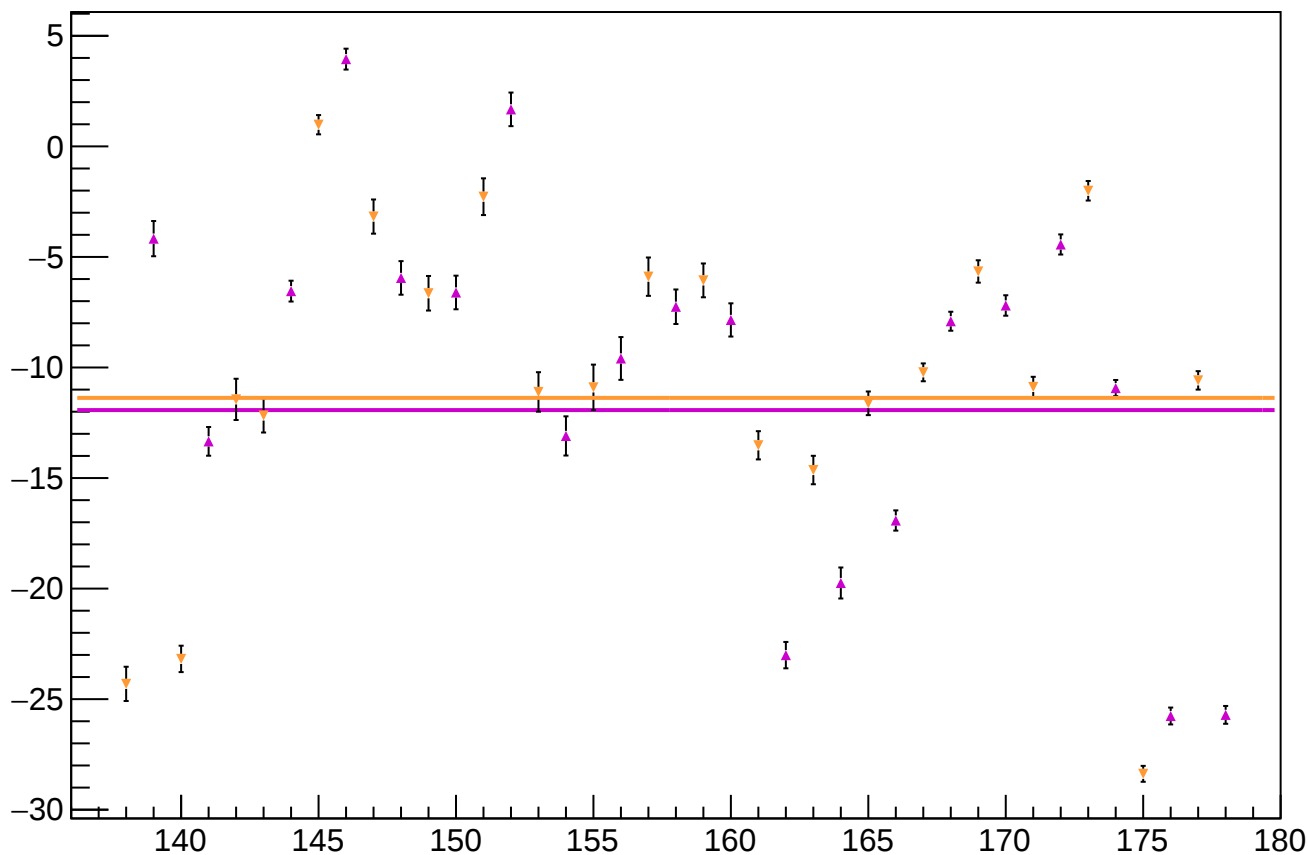
Out: -37.050 ± 0.114 $\chi^2/\text{NDF}: 7355.2/39$

All: -36.913 ± 0.081 $\chi^2/\text{NDF}: 13398.6/76$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -11.374 $\pm$ 0.125 χ^2/NDF :4686.2/20

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

Left In: -11.927 $\pm$ 0.120 χ^2/NDF :5406.8/19

Left: -11.660 $\pm$ 0.087 χ^2/NDF : 10103.2/40

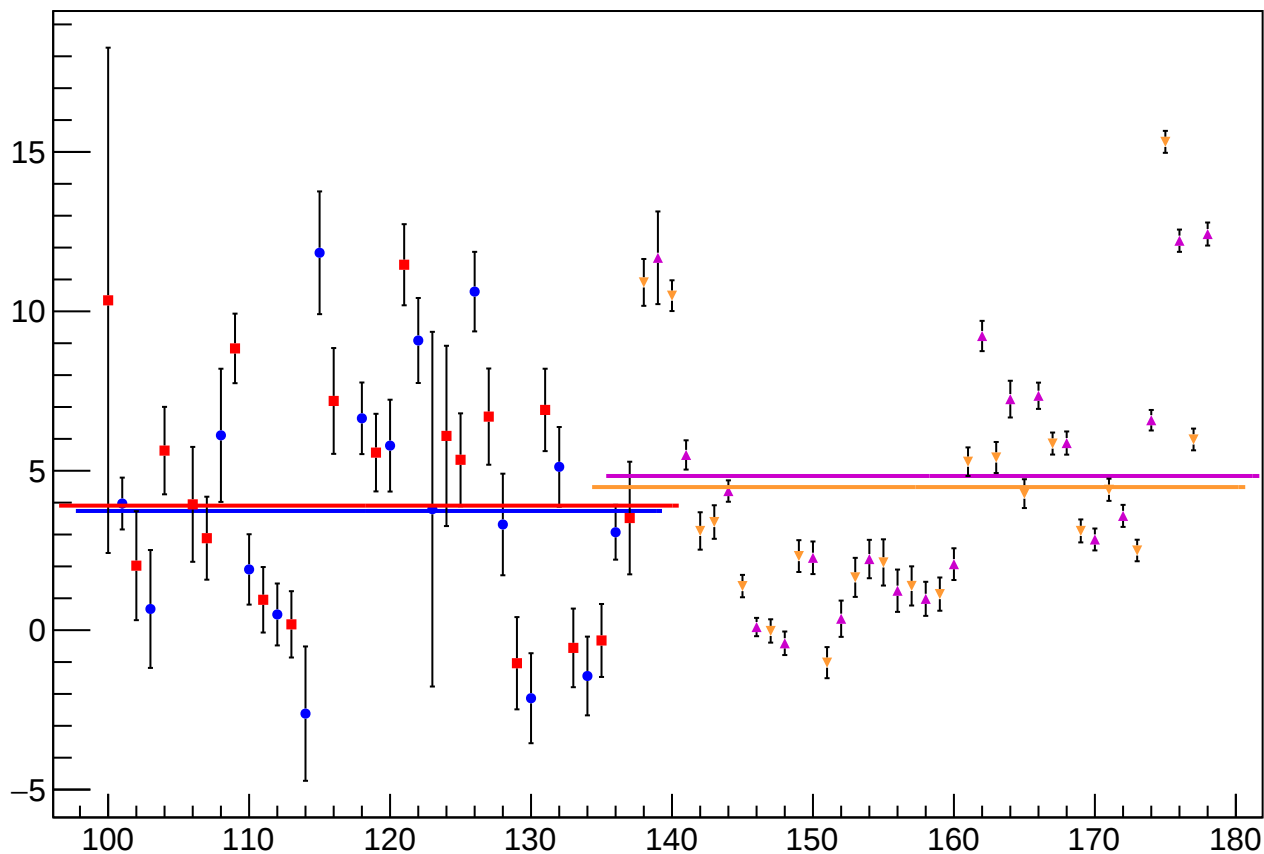
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -11.927 $\pm$ 0.120 χ^2/NDF :5406.8/19

Out: -11.374 $\pm$ 0.125 χ^2/NDF :4686.2/20

All: -11.660 $\pm$ 0.087 χ^2/NDF : 10103.2/40

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 4.488 ± 0.095 χ^2/NDF : 1795.4/20

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 4.836 ± 0.093 χ^2/NDF : 1831.3/19

Left: 4.666 ± 0.066 χ^2/NDF : 3633.5/40

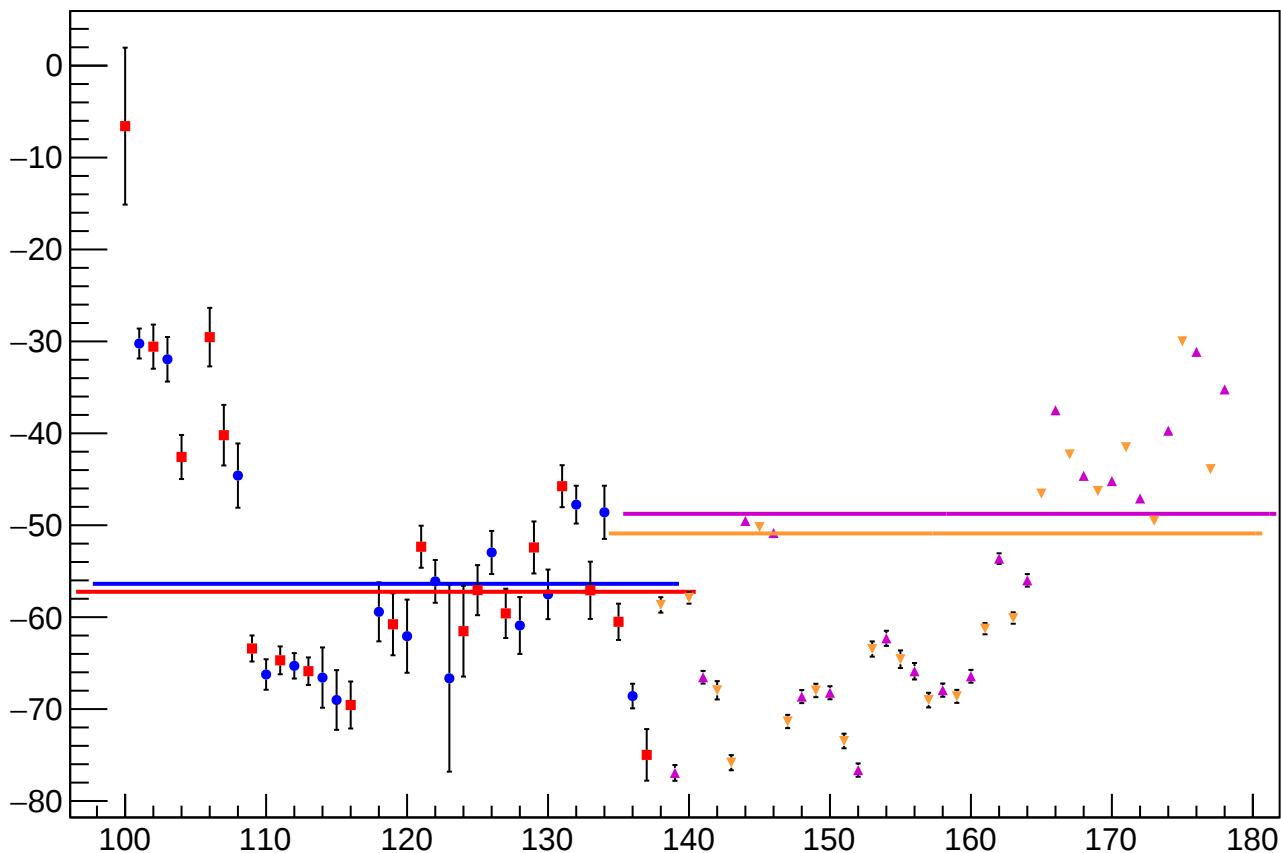
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 4.746 ± 0.089 χ^2/NDF : 1979.7/36

Out: 4.440 ± 0.091 χ^2/NDF : 1934.0/39

All: 4.596 ± 0.063 χ^2/NDF : 3919.5/76

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16
 Left Out: -50.892 ± 0.125 χ^2/NDF : 10285.4/20
 Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18
 Left In: -48.757 ± 0.121 χ^2/NDF : 11517.4/19

Left: -49.786 ± 0.087 χ^2/NDF : 21953.9/40

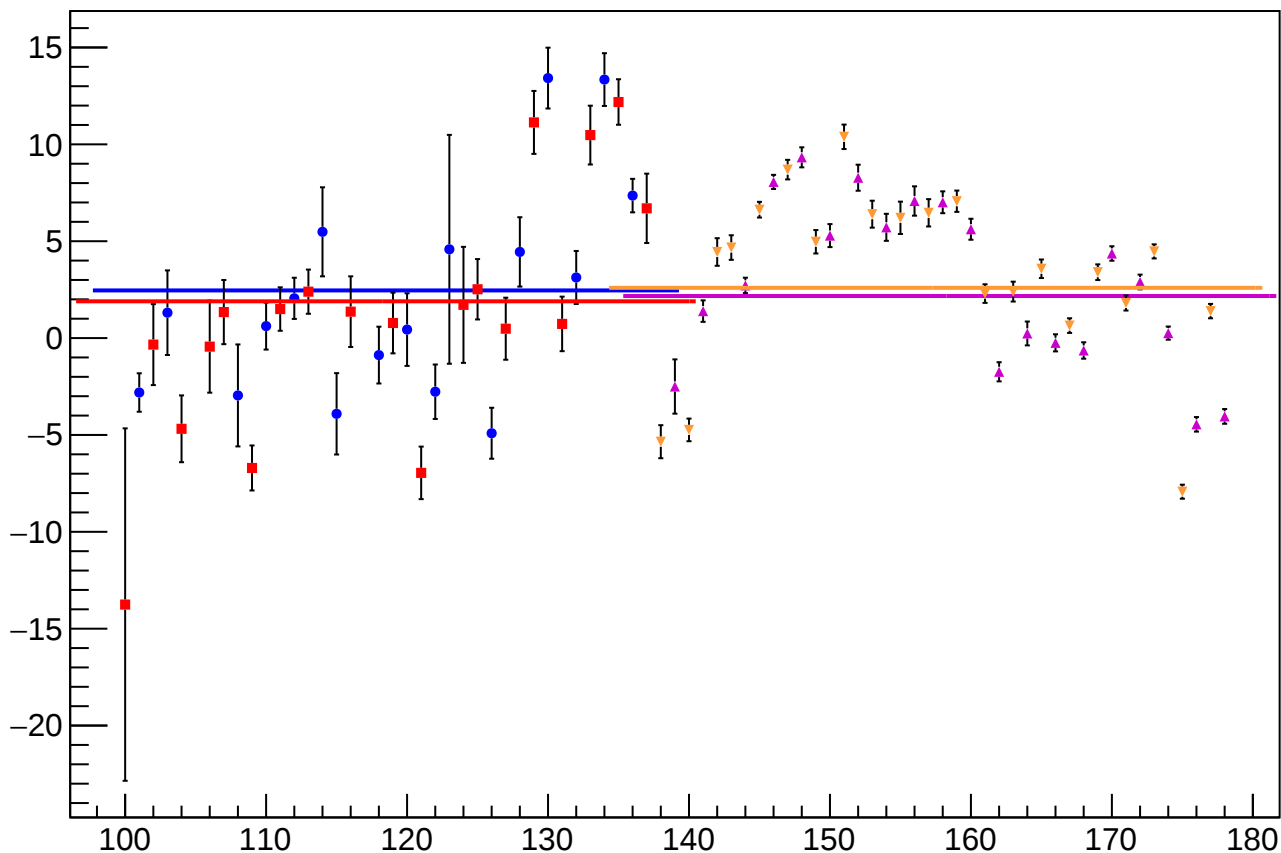
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -49.115 ± 0.118 χ^2/NDF : 12292.5/36

Out: -51.220 ± 0.122 χ^2/NDF : 10894.8/39

All: -50.132 ± 0.085 χ^2/NDF : 23341.7/76

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: 2.594 $\pm$ 0.107 χ^2 /NDF:1741.5/20

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 2.171 $\pm$ 0.105 χ^2 /NDF:1553.9/19

Left: 2.379 $\pm$ 0.075 χ^2 /NDF: 3303.4/40

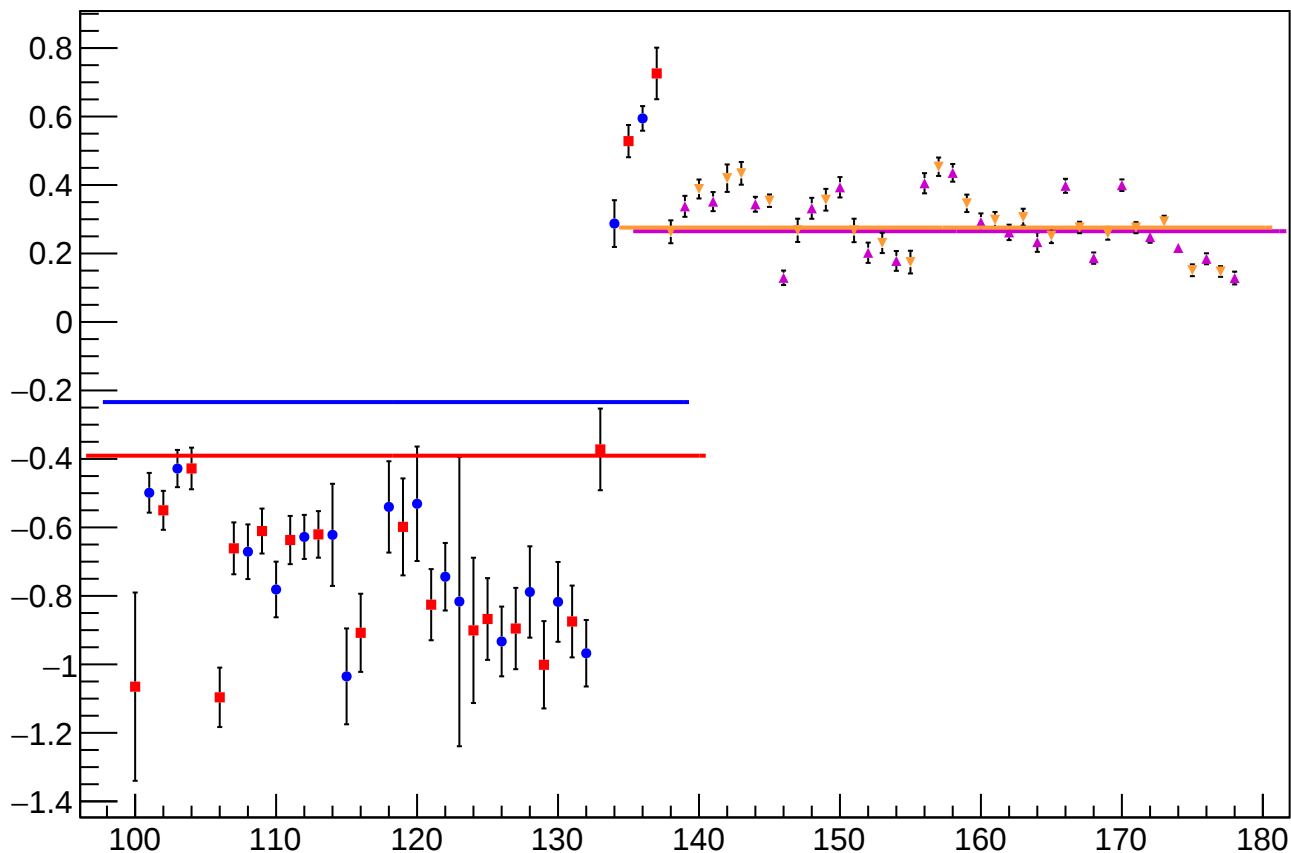
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 2.195 $\pm$ 0.100 χ^2 /NDF:1798.5/36

Out: 2.536 $\pm$ 0.102 χ^2 /NDF:2013.1/39

All: 2.362 $\pm$ 0.072 χ^2 /NDF: 3817.3/76

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.276 ± 0.005 χ^2/NDF : 265.8/20

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.265 ± 0.005 χ^2/NDF : 393.5/19

Left: 0.270 ± 0.003 χ^2/NDF : 661.7/40

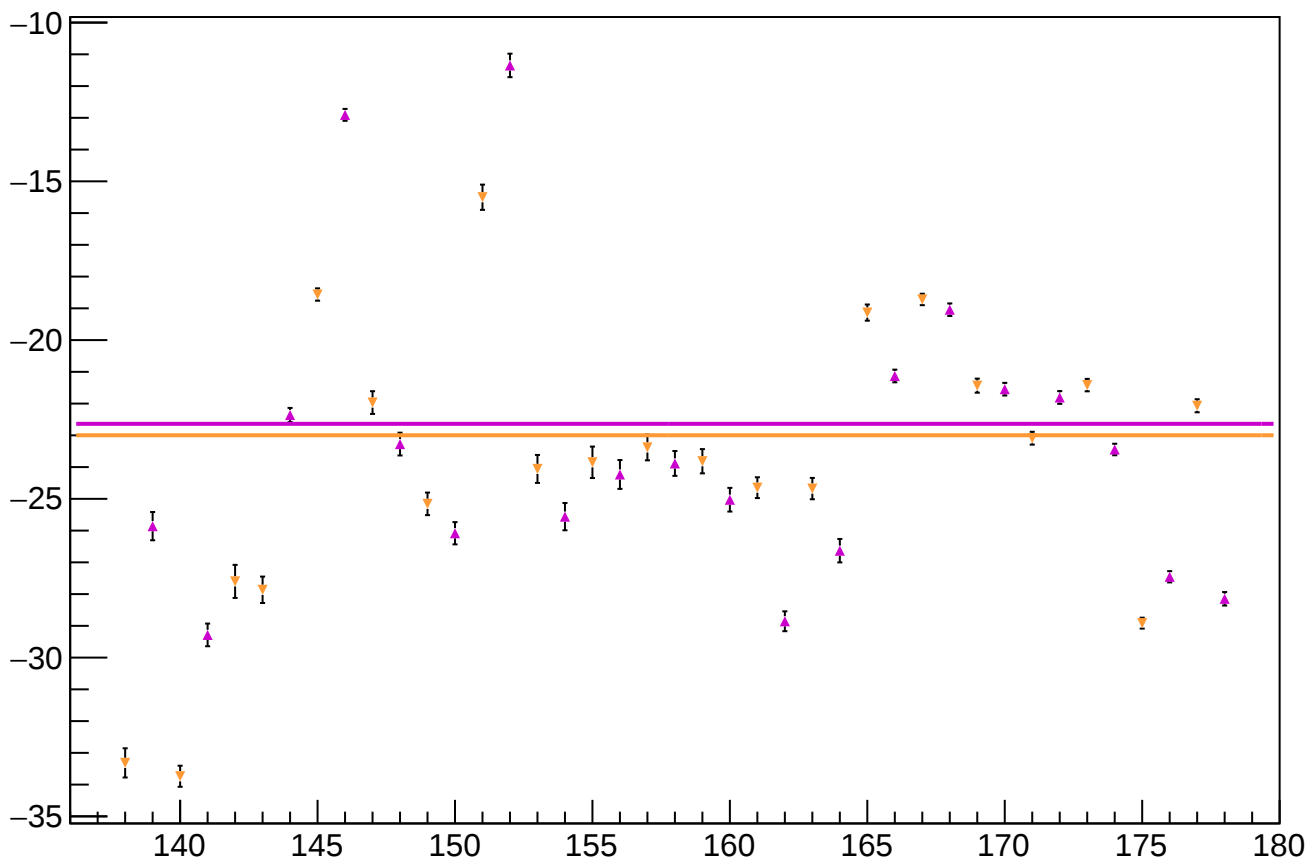
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.235 ± 0.005 χ^2/NDF : 2007.0/36

Out: 0.234 ± 0.005 χ^2/NDF : 2275.6/39

All: 0.234 ± 0.003 χ^2/NDF : 4282.7/76

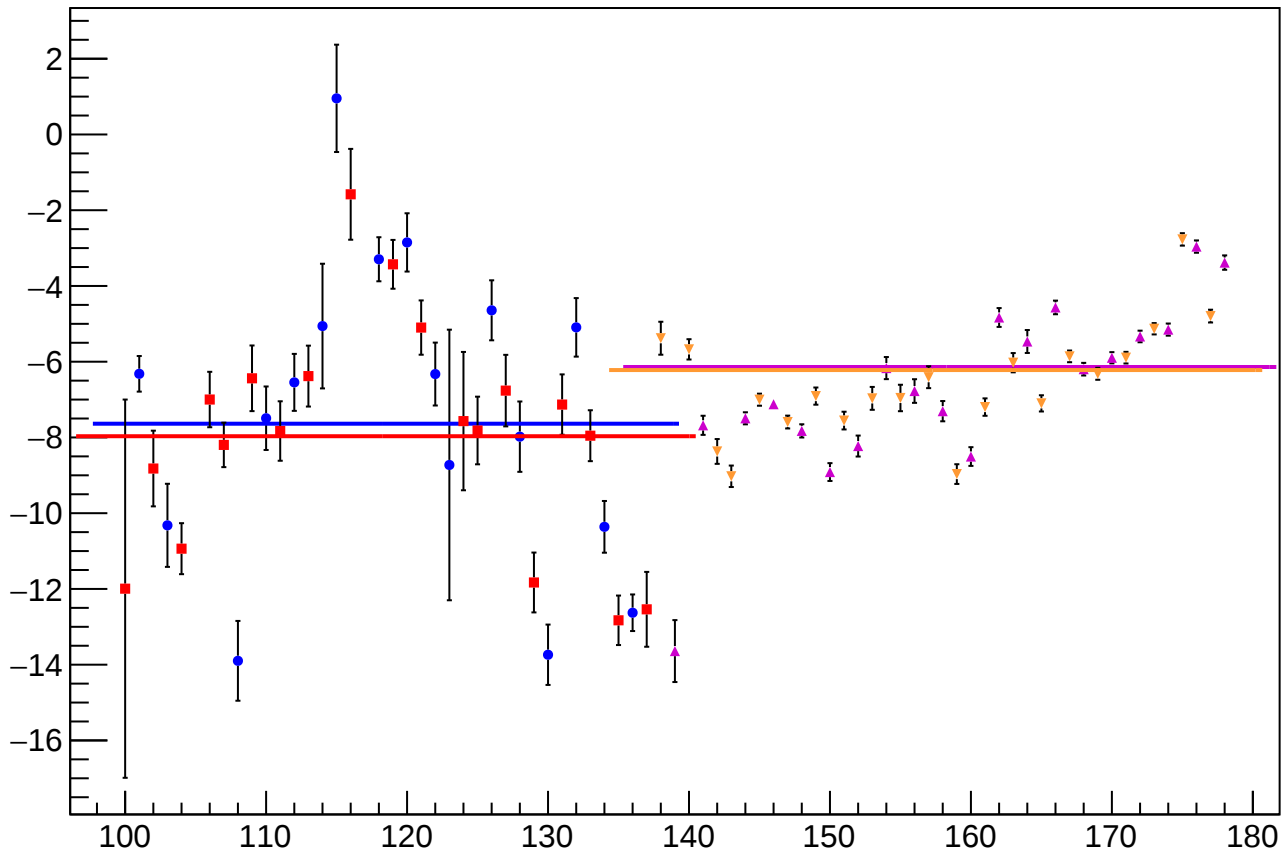
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -22.997+/-0.059 χ^2/NDF : 4860.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -22.637+/-0.057 χ^2/NDF : 6615.1/19

Left: -22.810+/-0.041 χ^2/NDF : 11494.9/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -22.637+/-0.057 χ^2/NDF : 6615.1/19
 Out: -22.997+/-0.059 χ^2/NDF : 4860.5/20
 All: -22.810+/-0.041 χ^2/NDF : 11494.9/40

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: -6.220 ± 0.045 χ^2/NDF : 1012.8/20

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -6.140 ± 0.043 χ^2/NDF : 1437.7/19

Left: -6.179 ± 0.031 χ^2/NDF : 2452.2/40

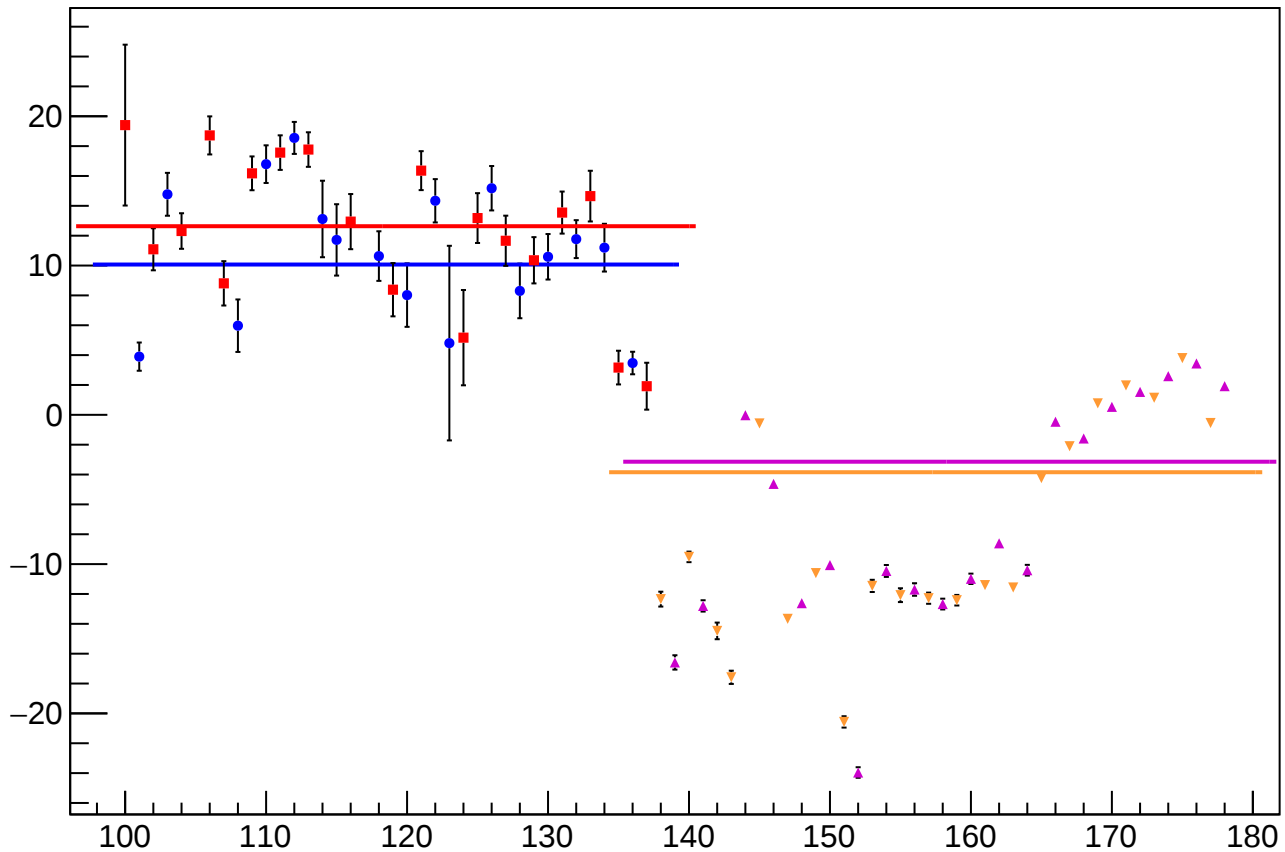
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -6.217 ± 0.042 χ^2/NDF : 1893.2/36

Out: -6.317 ± 0.044 χ^2/NDF : 1323.7/39

All: -6.265 ± 0.030 χ^2/NDF : 3219.5/76

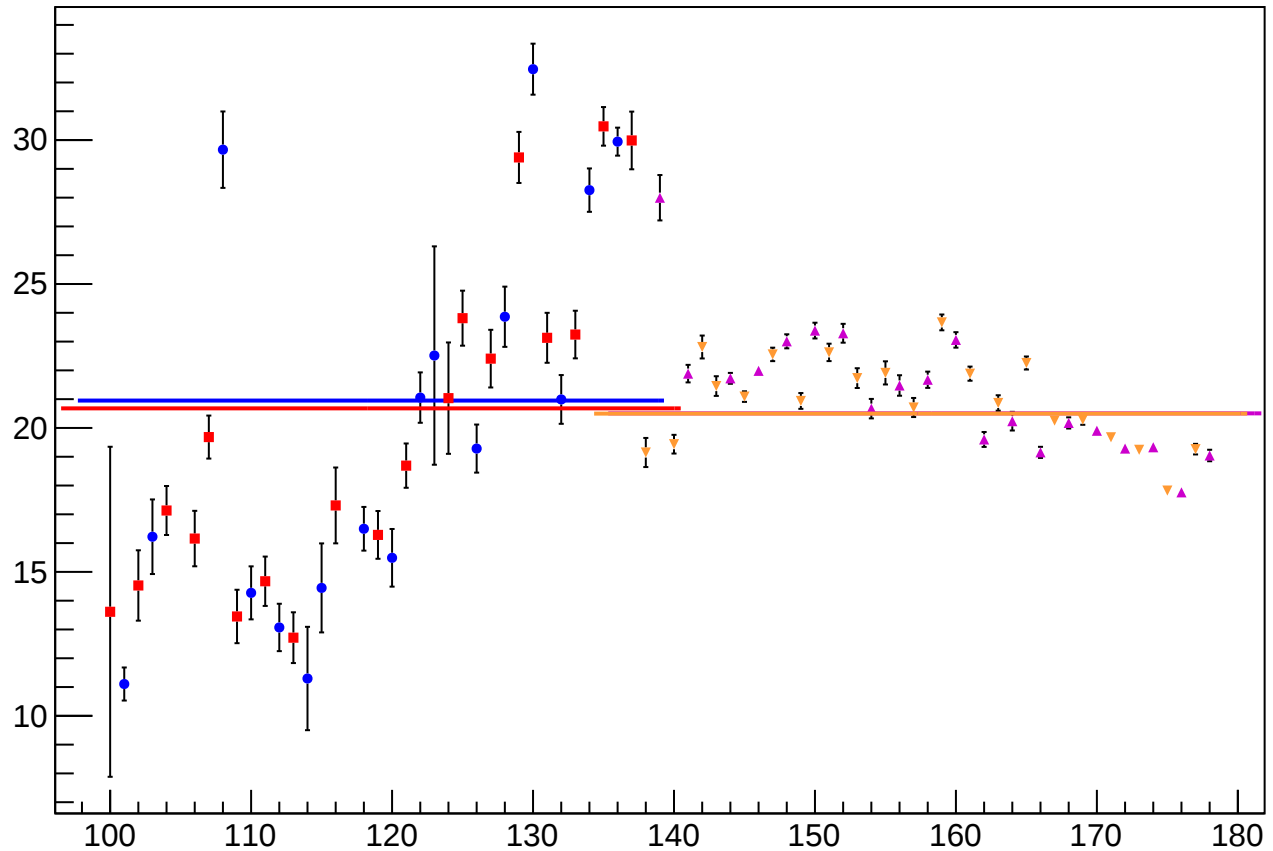
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -3.845 ± 0.059 $\chi^2/\text{NDF}: 12401.8/20$
 Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$
 Left In: -3.141 ± 0.057 $\chi^2/\text{NDF}: 12974.7/19$

Left: -3.478 ± 0.041 $\chi^2/\text{NDF}: 25450.0/40$
 Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$
 In: -2.778 ± 0.056 $\chi^2/\text{NDF}: 14718.7/36$
 Out: -3.338 ± 0.058 $\chi^2/\text{NDF}: 15003.7/39$
 All: -3.046 ± 0.040 $\chi^2/\text{NDF}: 29770.3/76$

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: 20.498 $\pm$ 0.051 χ^2 /NDF:823.1/20

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 20.507 $\pm$ 0.049 χ^2 /NDF:1135.4/19

Left: 20.503 $\pm$ 0.035 χ^2 /NDF: 1958.5/40

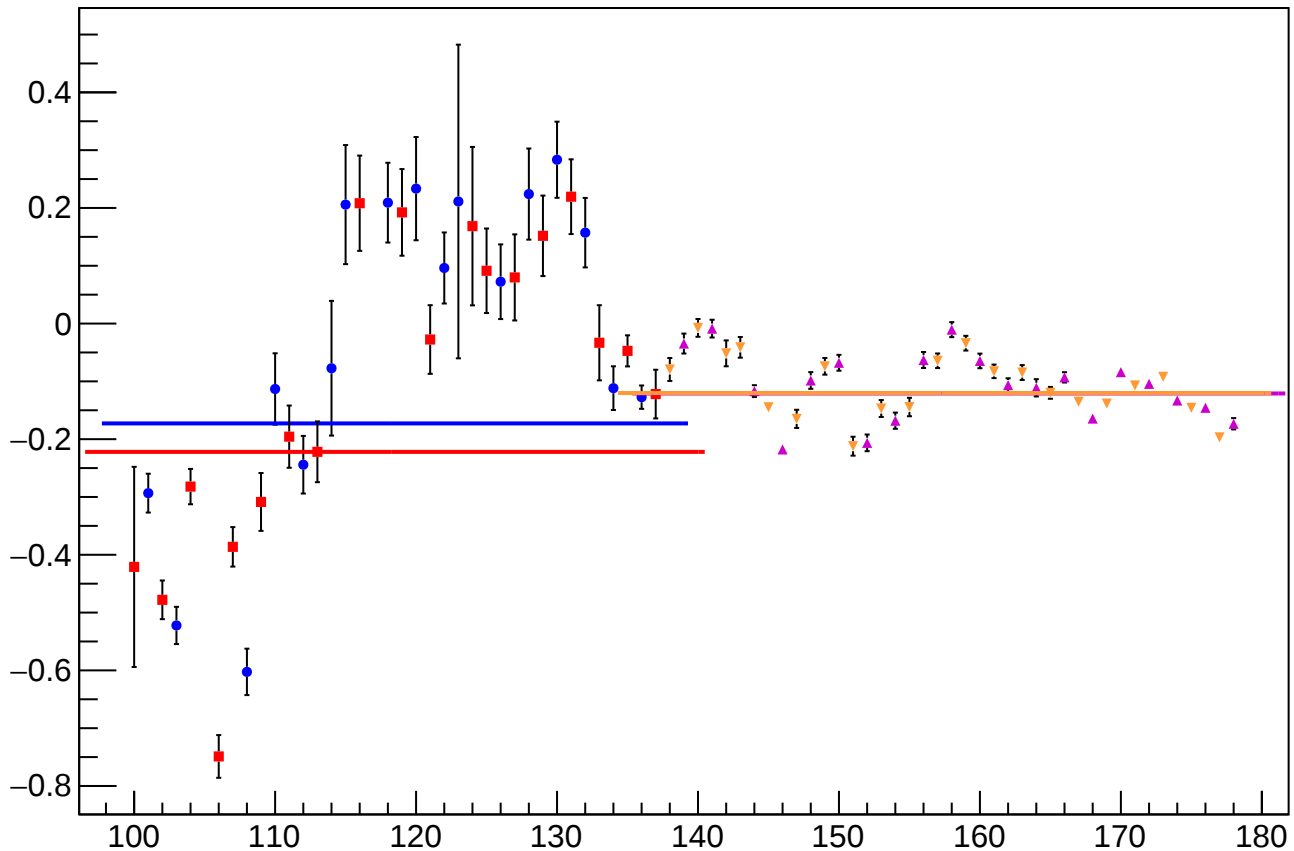
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 20.530 $\pm$ 0.048 χ^2 /NDF:2362.4/36

Out: 20.508 $\pm$ 0.049 χ^2 /NDF:1552.3/39

All: 20.519 $\pm$ 0.034 χ^2 /NDF: 3914.8/76

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: -0.120 ± 0.002 χ^2/NDF : 369.9/20

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.121 ± 0.002 χ^2/NDF : 501.6/19

Left: -0.121 ± 0.002 χ^2/NDF : 871.5/40

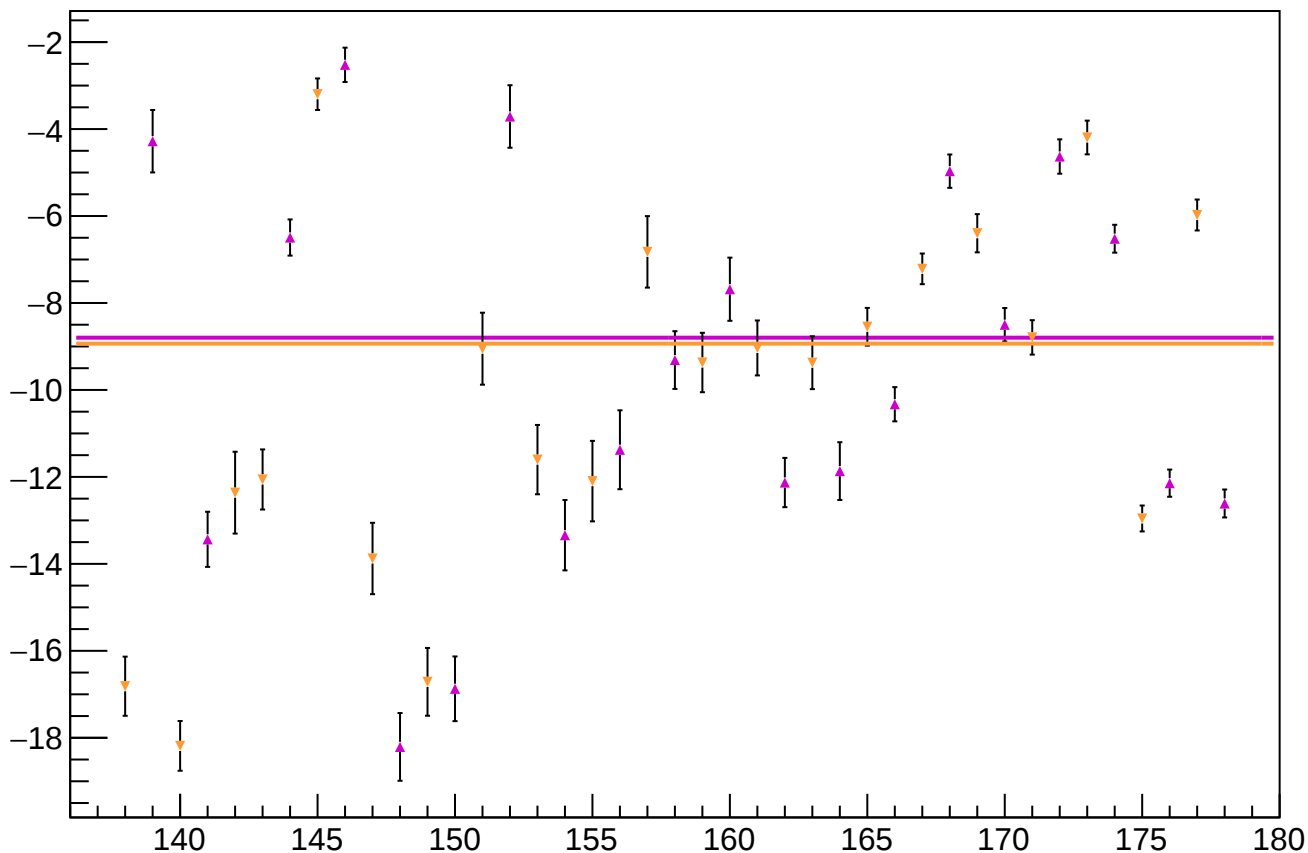
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.123 ± 0.002 χ^2/NDF : 982.5/36

Out: -0.125 ± 0.002 χ^2/NDF : 989.2/39

All: -0.124 ± 0.002 χ^2/NDF : 1971.9/76

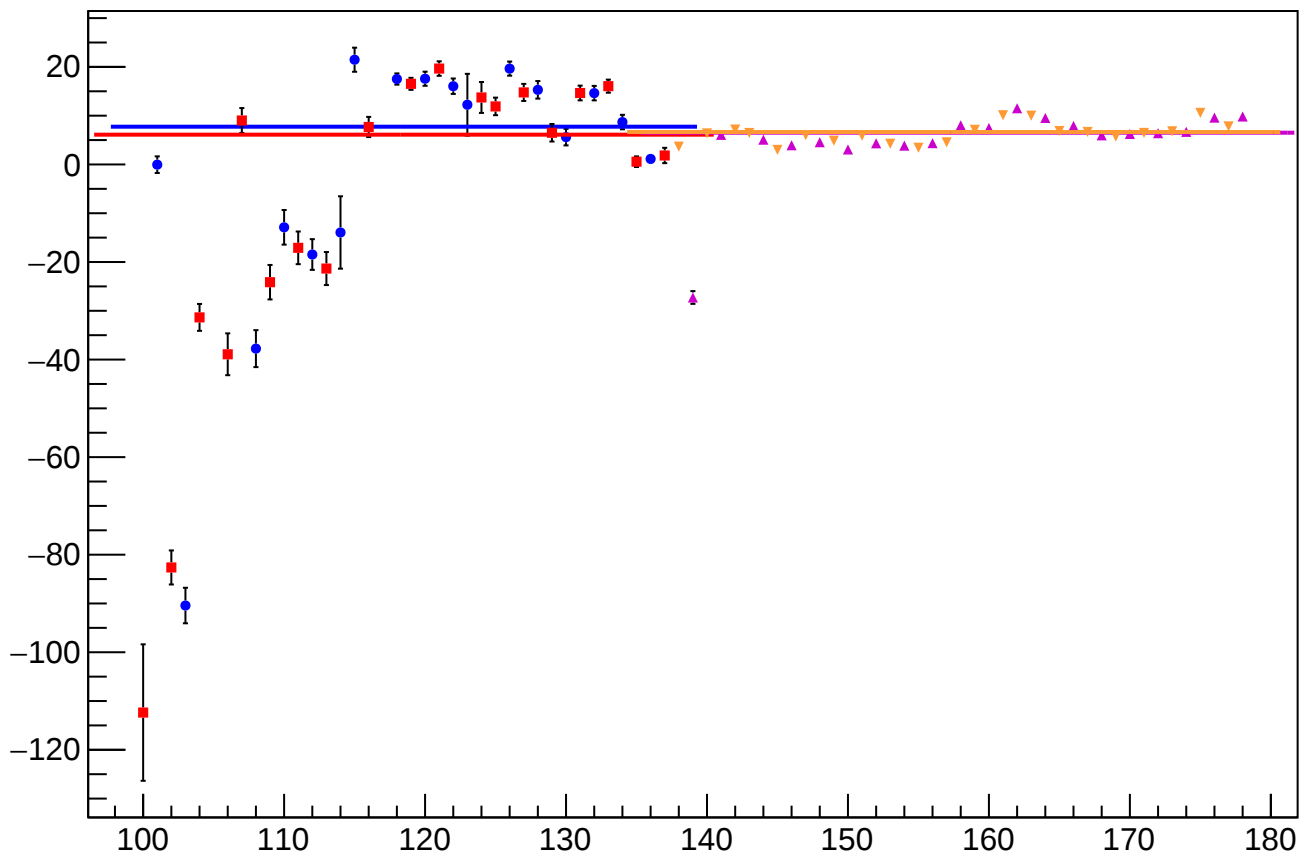
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.935 $\pm$ 0.110 χ^2 /NDF:1304.6/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.798 $\pm$ 0.105 χ^2 /NDF:1321.3/19

Left: -8.864 $\pm$ 0.076 χ^2 /NDF: 2626.7/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.798 $\pm$ 0.105 χ^2 /NDF:1321.3/19
 Out: -8.935 $\pm$ 0.110 χ^2 /NDF:1304.6/20
 All: -8.864 $\pm$ 0.076 χ^2 /NDF: 2626.7/40

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 6.656 ± 0.085 $\chi^2/\text{NDF}: 588.9/20$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 6.510 ± 0.082 $\chi^2/\text{NDF}: 1359.1/19$

Left: 6.581 ± 0.059 $\chi^2/\text{NDF}: 1949.6/40$

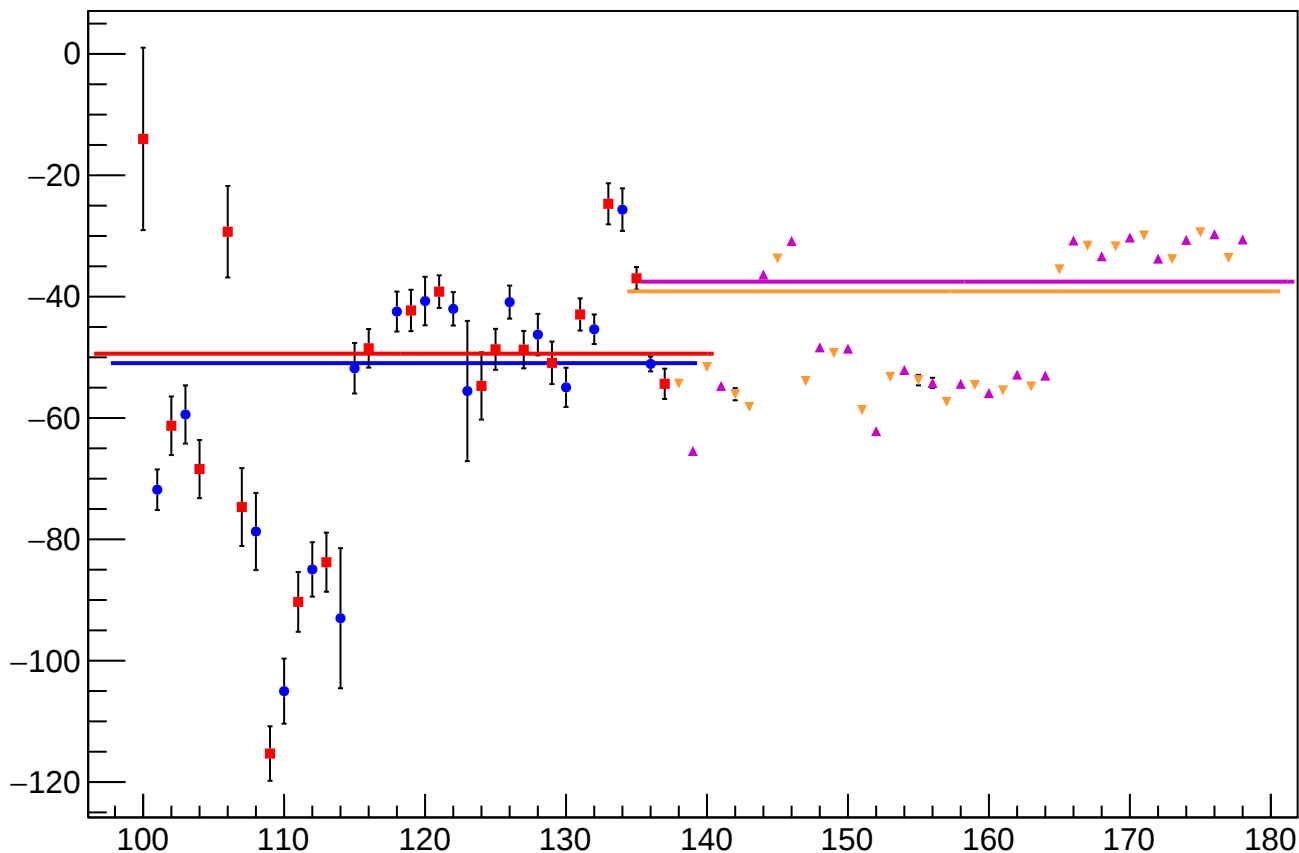
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 6.559 ± 0.081 $\chi^2/\text{NDF}: 2727.0/36$

Out: 6.635 ± 0.083 $\chi^2/\text{NDF}: 2108.2/39$

All: 6.596 ± 0.058 $\chi^2/\text{NDF}: 4835.6/76$

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: -39.128 ± 0.110 χ^2/NDF : 9229.8/20

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -37.530 ± 0.105 χ^2/NDF : 9993.1/19

Left: -38.292 ± 0.076 χ^2/NDF : 19332.6/40

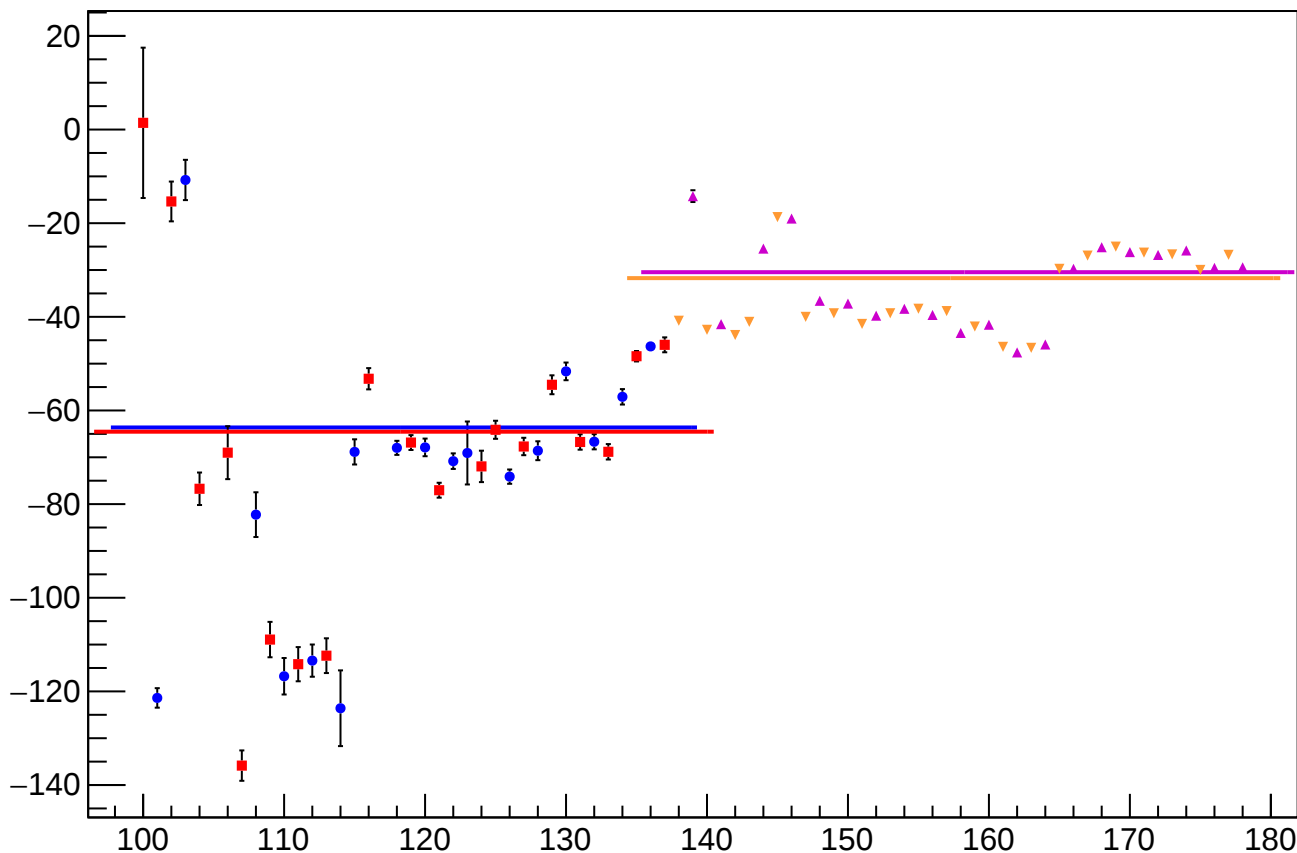
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -37.798 ± 0.104 χ^2/NDF : 10649.2/36

Out: -39.321 ± 0.109 χ^2/NDF : 9904.9/39

All: -38.524 ± 0.075 χ^2/NDF : 20655.7/76

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: -31.733+/-0.095 χ^2/NDF : 7334.3/20

Right Out: -64.531+/-0.482 χ^2/NDF : 1611.2/18

Left In: -30.463+/-0.092 χ^2/NDF : 6906.0/19

Left: -31.081+/-0.066 χ^2/NDF : 14332.1/40

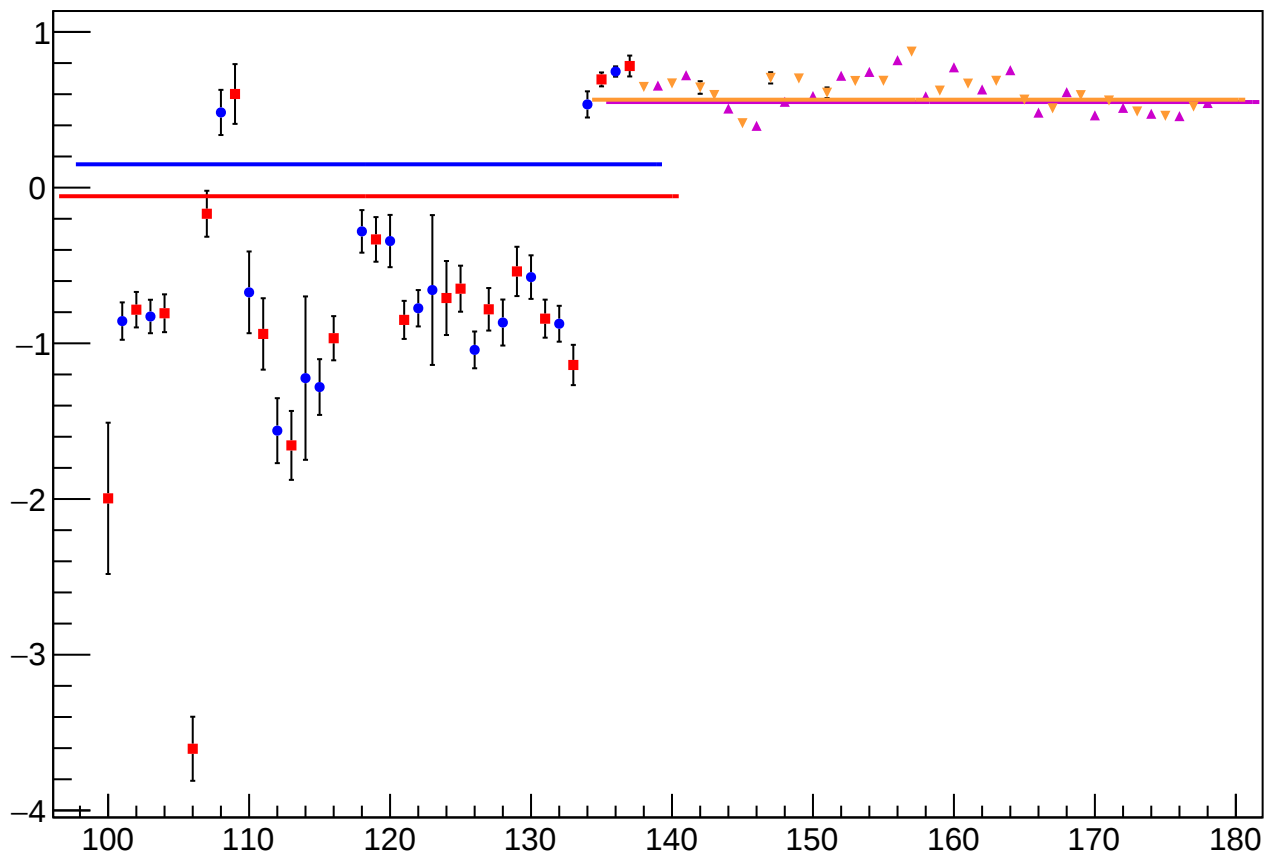
Right: -64.046+/-0.327 χ^2/NDF : 3624.3/35

In: -31.830+/-0.091 χ^2/NDF : 14223.5/36

Out: -32.957+/-0.093 χ^2/NDF : 13403.7/39

All: -32.377+/-0.065 χ^2/NDF : 27702.6/76

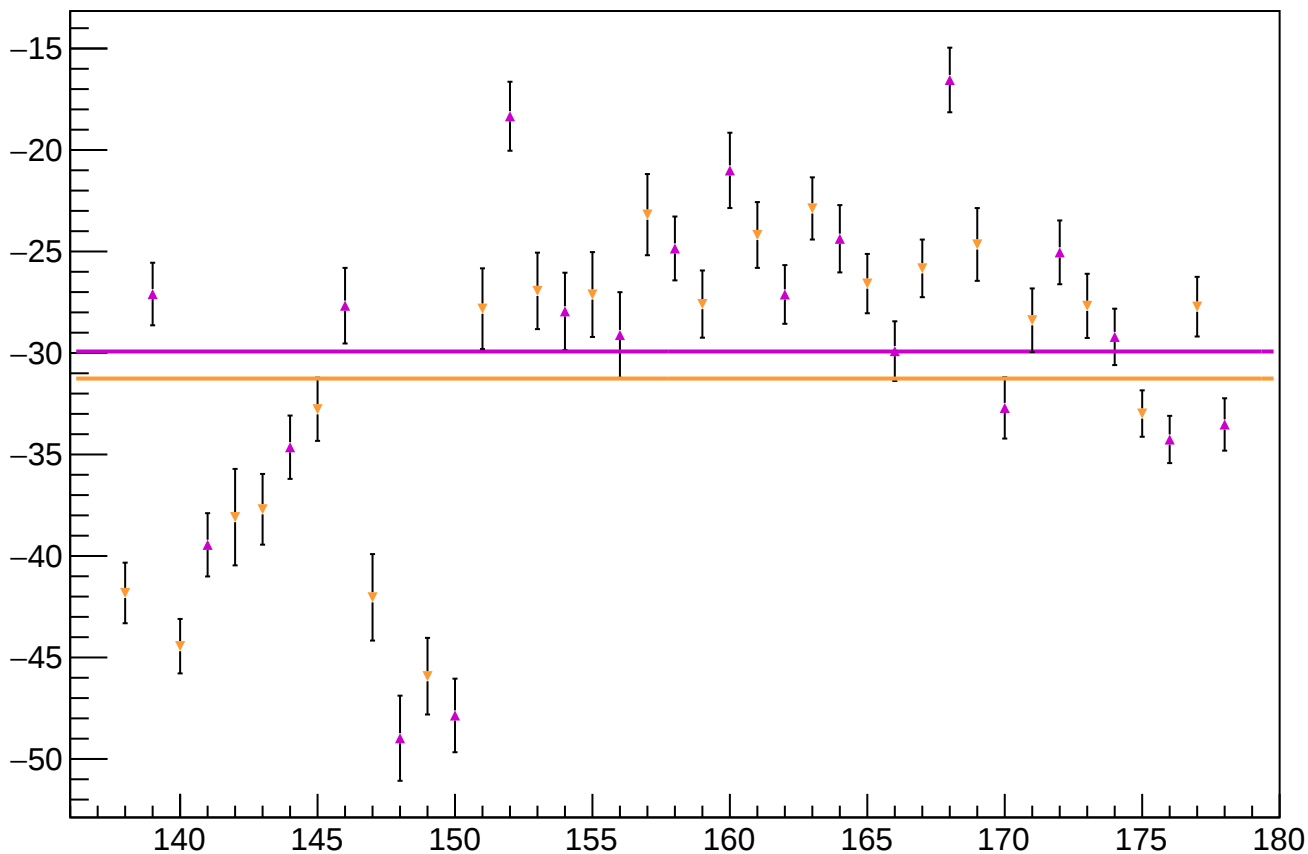
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.565 ± 0.004 $\chi^2/\text{NDF}: 507.6/20$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.550 ± 0.004 $\chi^2/\text{NDF}: 634.1/19$

Left: 0.557 ± 0.003 $\chi^2/\text{NDF}: 1147.9/40$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.538 ± 0.004 $\chi^2/\text{NDF}: 1893.0/36$
 Out: 0.548 ± 0.004 $\chi^2/\text{NDF}: 2223.0/39$
 All: 0.543 ± 0.003 $\chi^2/\text{NDF}: 4119.0/76$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.259 $\pm$ 0.355 χ^2/NDF :392.9/20

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

Left In: -29.926 $\pm$ 0.353 χ^2/NDF :433.7/19

Left: -30.589 $\pm$ 0.251 χ^2/NDF : 833.7/40

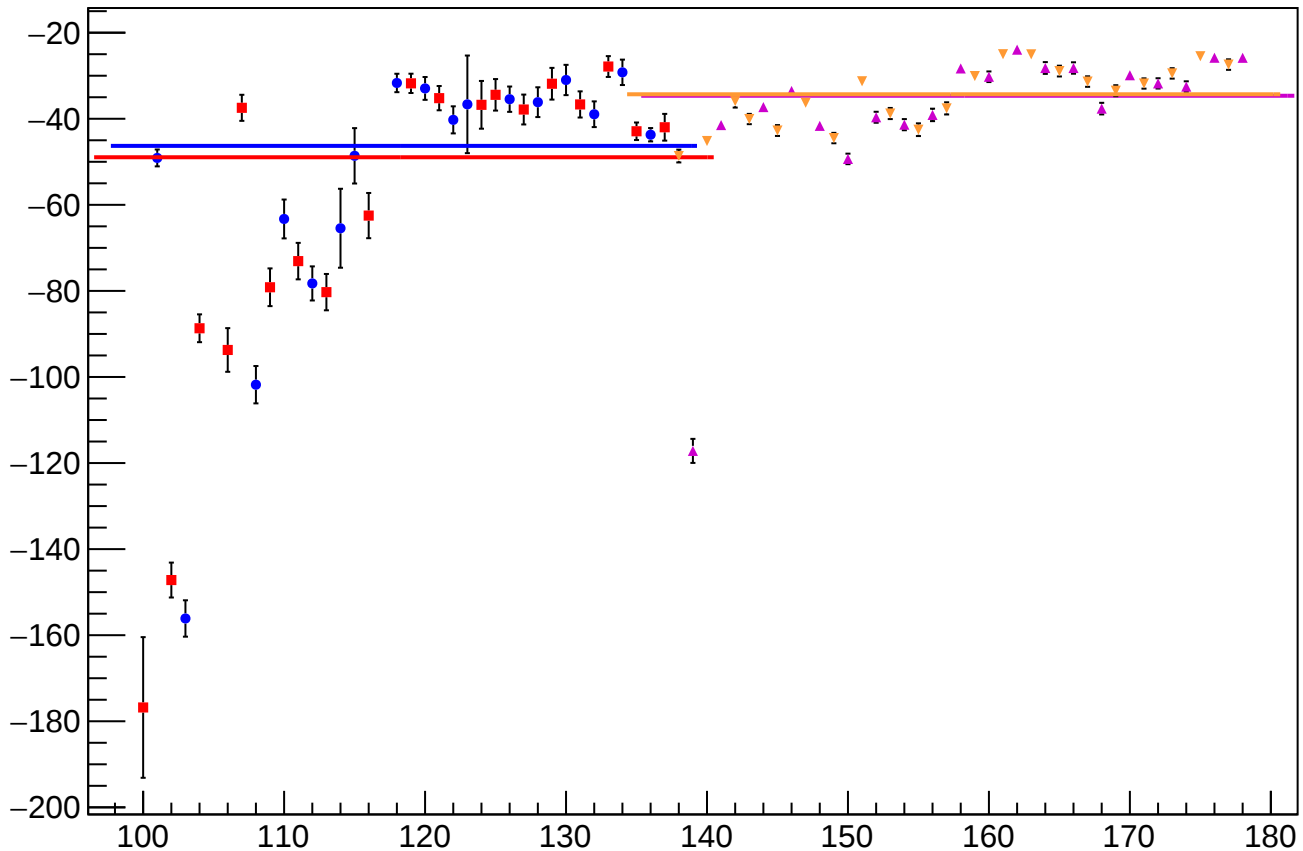
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -29.926 $\pm$ 0.353 χ^2/NDF :433.7/19

Out: -31.259 $\pm$ 0.355 χ^2/NDF :392.9/20

All: -30.589 $\pm$ 0.251 χ^2/NDF : 833.7/40

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -34.311 ± 0.267 $\chi^2/\text{NDF}: 675.3/20$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -34.656 ± 0.272 $\chi^2/\text{NDF}: 1494.1/19$

Left: -34.480 ± 0.191 $\chi^2/\text{NDF}: 2170.2/40$

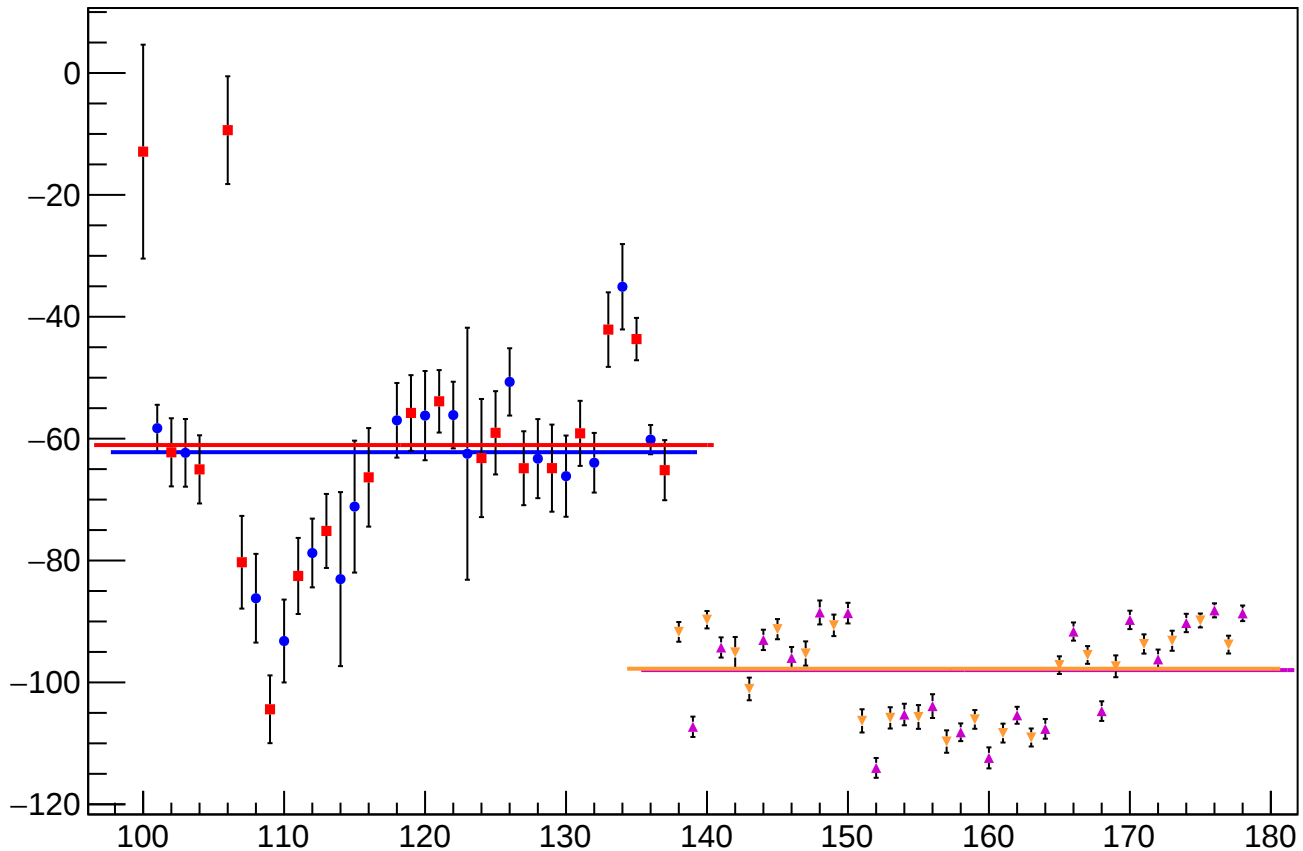
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -36.102 ± 0.255 $\chi^2/\text{NDF}: 2804.9/36$

Out: -35.905 ± 0.252 $\chi^2/\text{NDF}: 2277.2/39$

All: -36.002 ± 0.179 $\chi^2/\text{NDF}: 5082.4/76$

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: -97.754 ± 0.354 χ^2/NDF : 390.0/20

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -97.979 ± 0.351 χ^2/NDF : 624.4/19

Left: -97.868 ± 0.249 χ^2/NDF : 1014.6/40

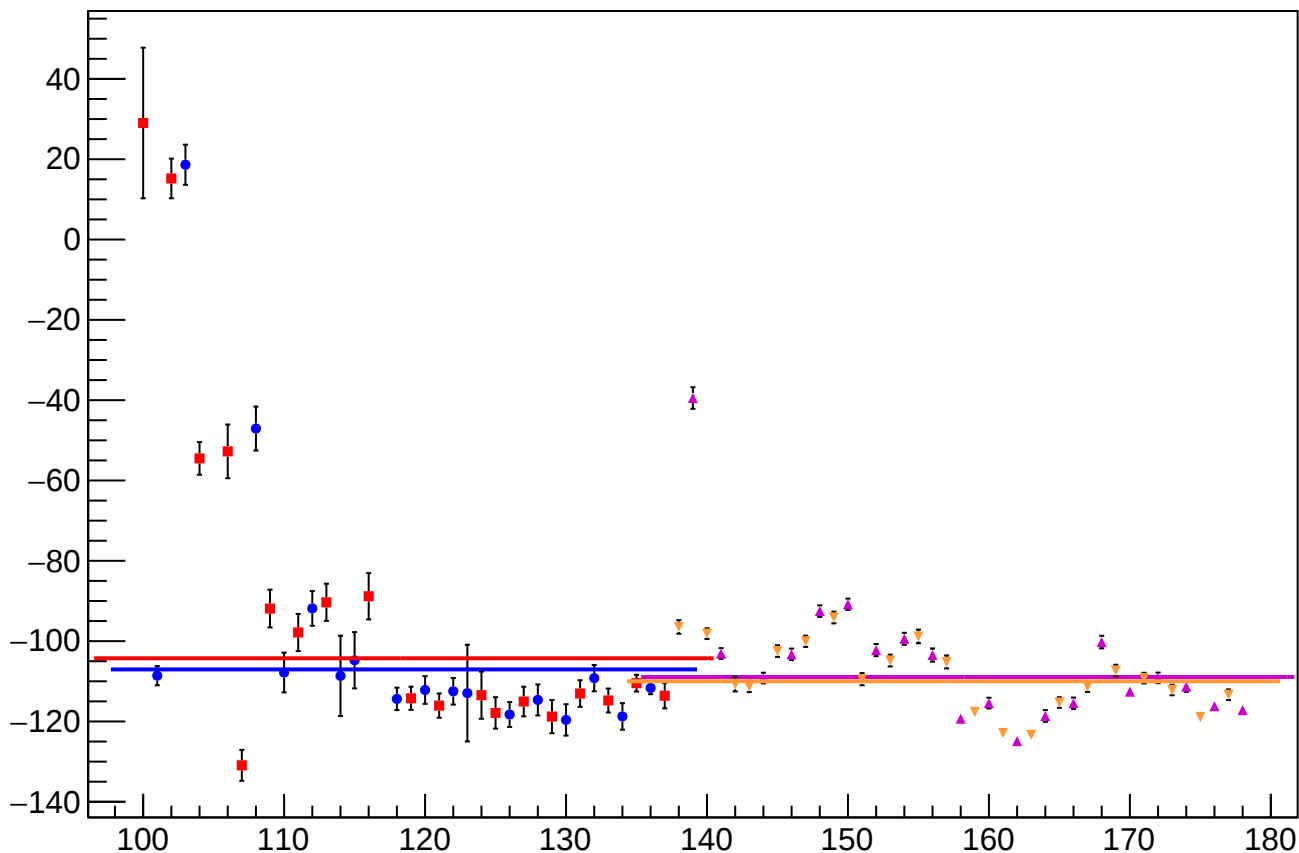
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -95.596 ± 0.339 χ^2/NDF : 1385.4/36

Out: -95.484 ± 0.343 χ^2/NDF : 1220.9/39

All: -95.541 ± 0.241 χ^2/NDF : 2606.4/76

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: -109.989 ± 0.303 χ^2/NDF : 766.7/20

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -108.928 ± 0.307 χ^2/NDF : 1541.8/19

Left: -109.466 ± 0.215 χ^2/NDF : 2314.6/40

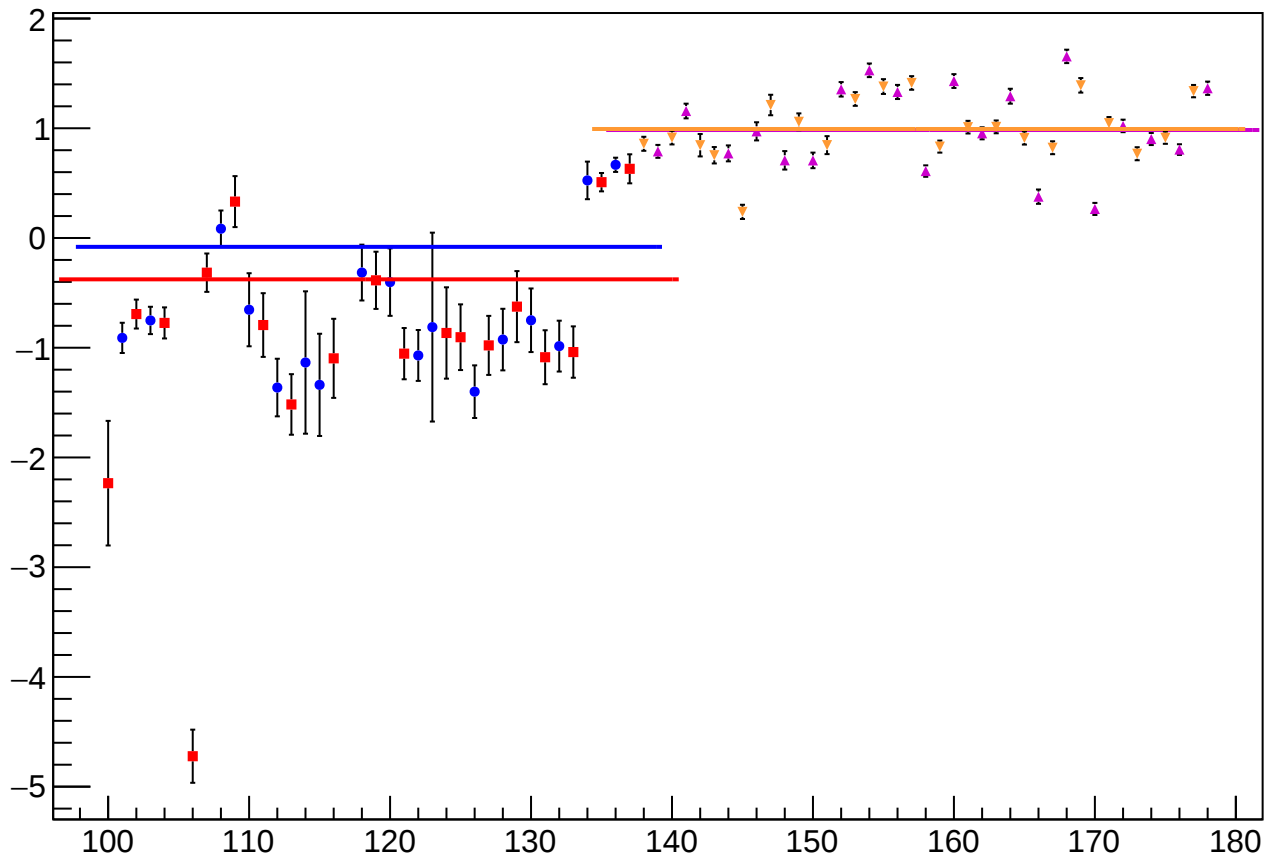
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -108.693 ± 0.287 χ^2/NDF : 2374.4/36

Out: -109.358 ± 0.285 χ^2/NDF : 1824.1/39

All: -109.027 ± 0.202 χ^2/NDF : 4201.2/76

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: 0.993 ± 0.014 χ^2/NDF : 370.8/20

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.984 ± 0.014 χ^2/NDF : 744.5/19

Left: 0.989 ± 0.010 χ^2/NDF : 1115.5/40

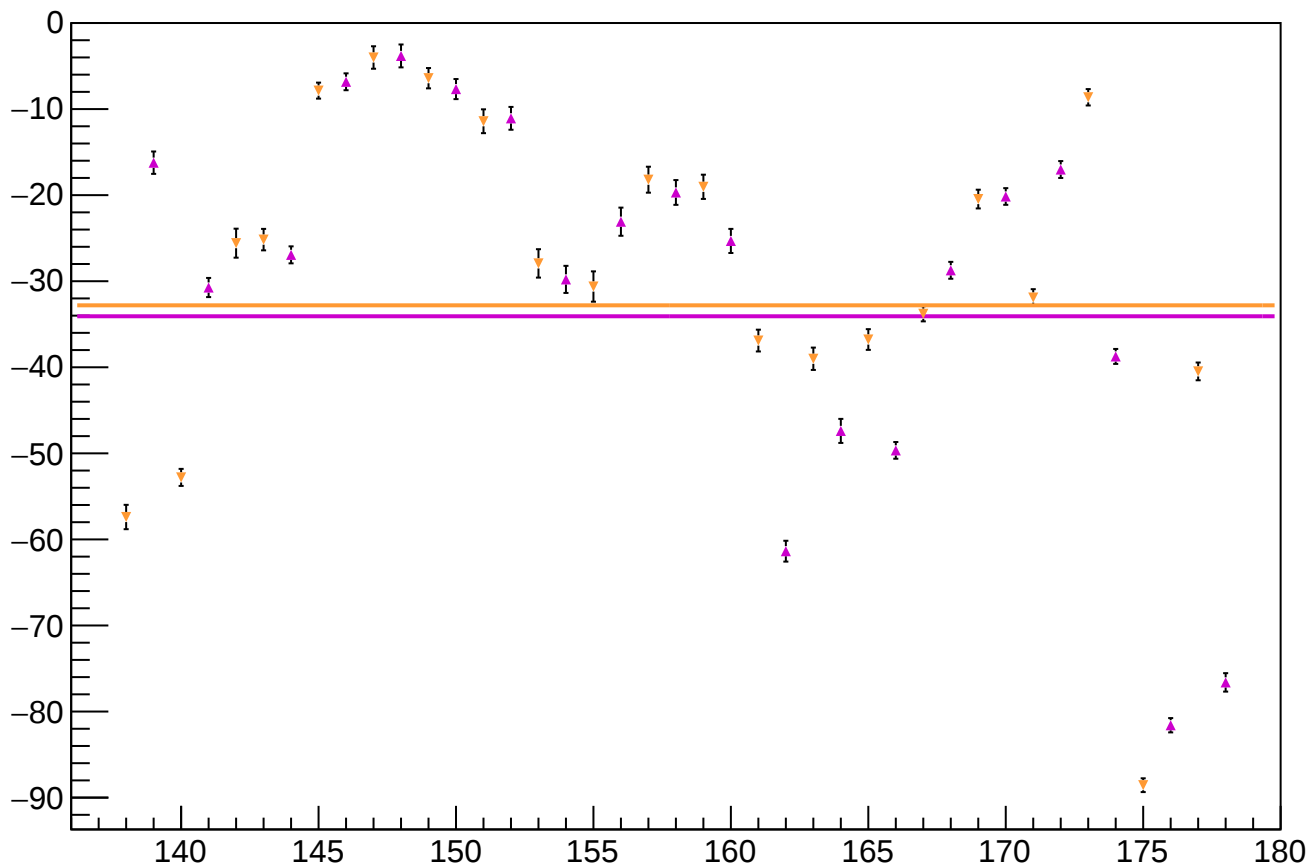
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.881 ± 0.013 χ^2/NDF : 1648.6/36

Out: 0.868 ± 0.013 χ^2/NDF : 1840.1/39

All: 0.874 ± 0.009 χ^2/NDF : 3489.2/76

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: -32.801+/-0.251 χ^2/NDF : 8643.1/20

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

Left In: -34.073+/-0.249 χ^2/NDF : 8808.6/19

Left: -33.443+/-0.177 χ^2/NDF : 17464.7/40

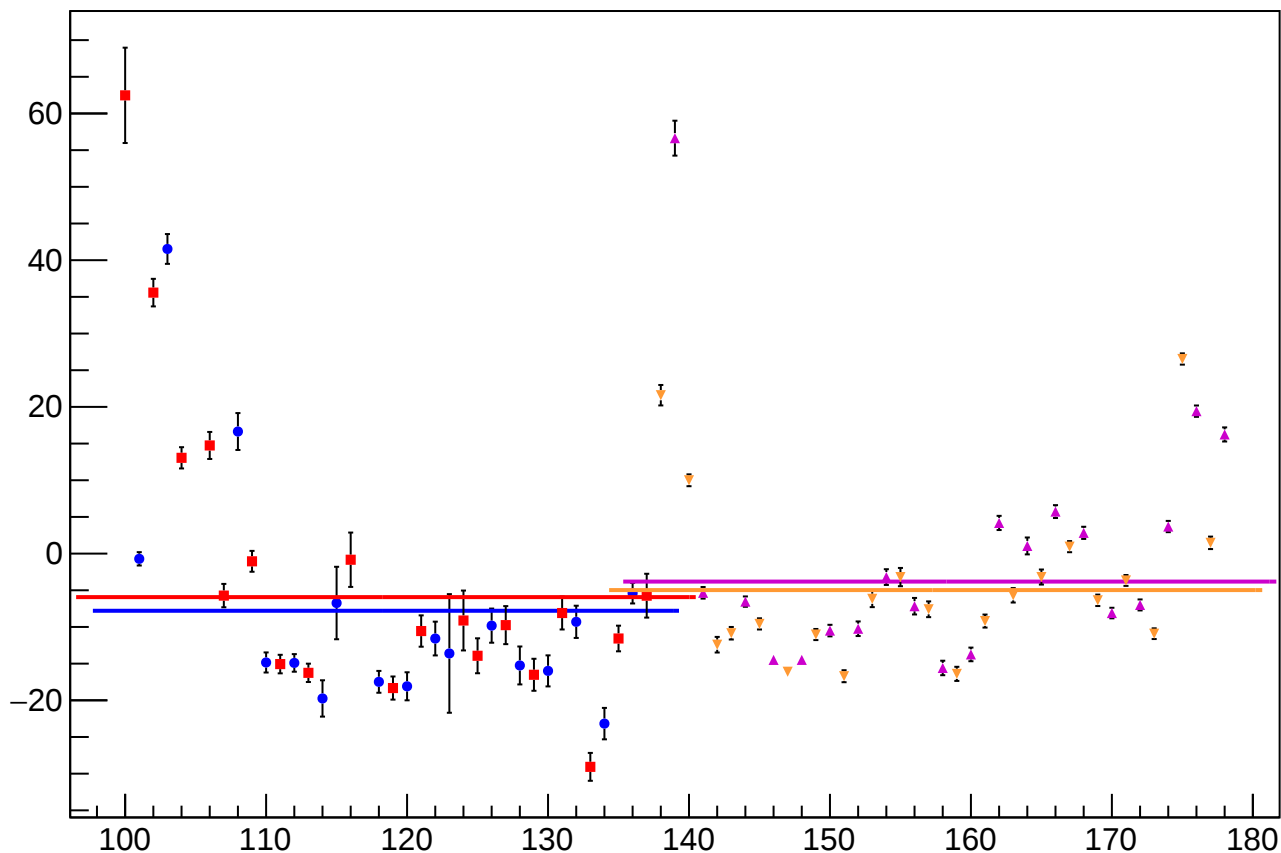
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.073+/-0.249 χ^2/NDF : 8808.6/19

Out: -32.801+/-0.251 χ^2/NDF : 8643.1/20

All: -33.443+/-0.177 χ^2/NDF : 17464.7/40

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: -4.974 ± 0.187 χ^2/NDF : 3476.7/20

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -3.815 ± 0.189 χ^2/NDF : 3370.4/19

Left: -4.401 ± 0.133 χ^2/NDF : 6866.1/40

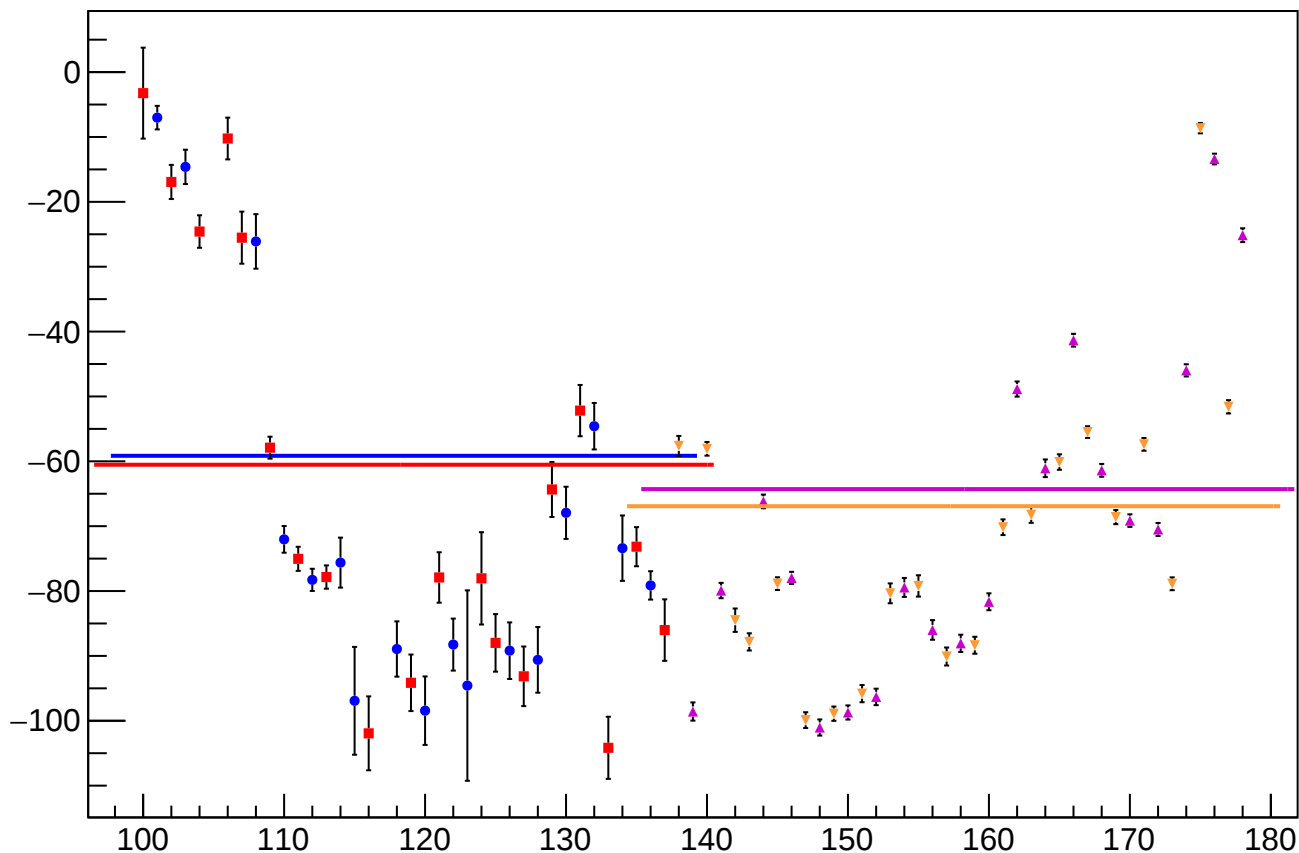
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -4.465 ± 0.173 χ^2/NDF : 4425.5/36

Out: -5.127 ± 0.171 χ^2/NDF : 4775.1/39

All: -4.799 ± 0.122 χ^2/NDF : 9208.0/76

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: -66.922 ± 0.251 χ^2/NDF : 9291.2/20

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -64.285 ± 0.248 χ^2/NDF : 10642.1/19

Left: -65.587 ± 0.176 χ^2/NDF : 19989.2/40

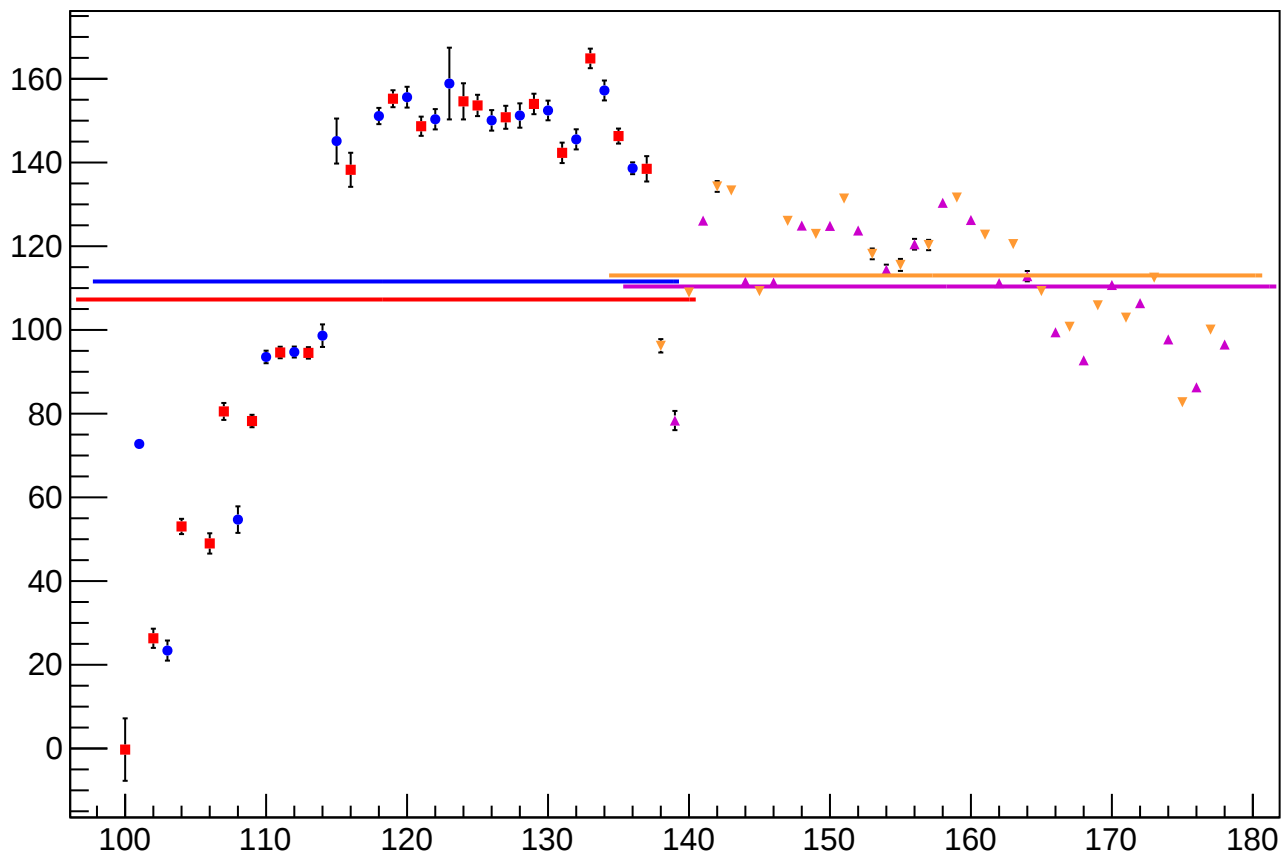
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -63.773 ± 0.235 χ^2/NDF : 12403.2/36

Out: -66.200 ± 0.237 χ^2/NDF : 10749.6/39

All: -64.980 ± 0.167 χ^2/NDF : 23205.7/76

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 ± 0.487 $\chi^2/\text{NDF}: 5946.0/16$

Left Out: 113.021 ± 0.214 $\chi^2/\text{NDF}: 4062.8/20$

Right Out: 107.273 ± 0.488 $\chi^2/\text{NDF}: 7044.9/18$

Left In: 110.380 ± 0.215 $\chi^2/\text{NDF}: 3569.0/19$

Left: 111.710 ± 0.152 $\chi^2/\text{NDF}: 7707.7/40$

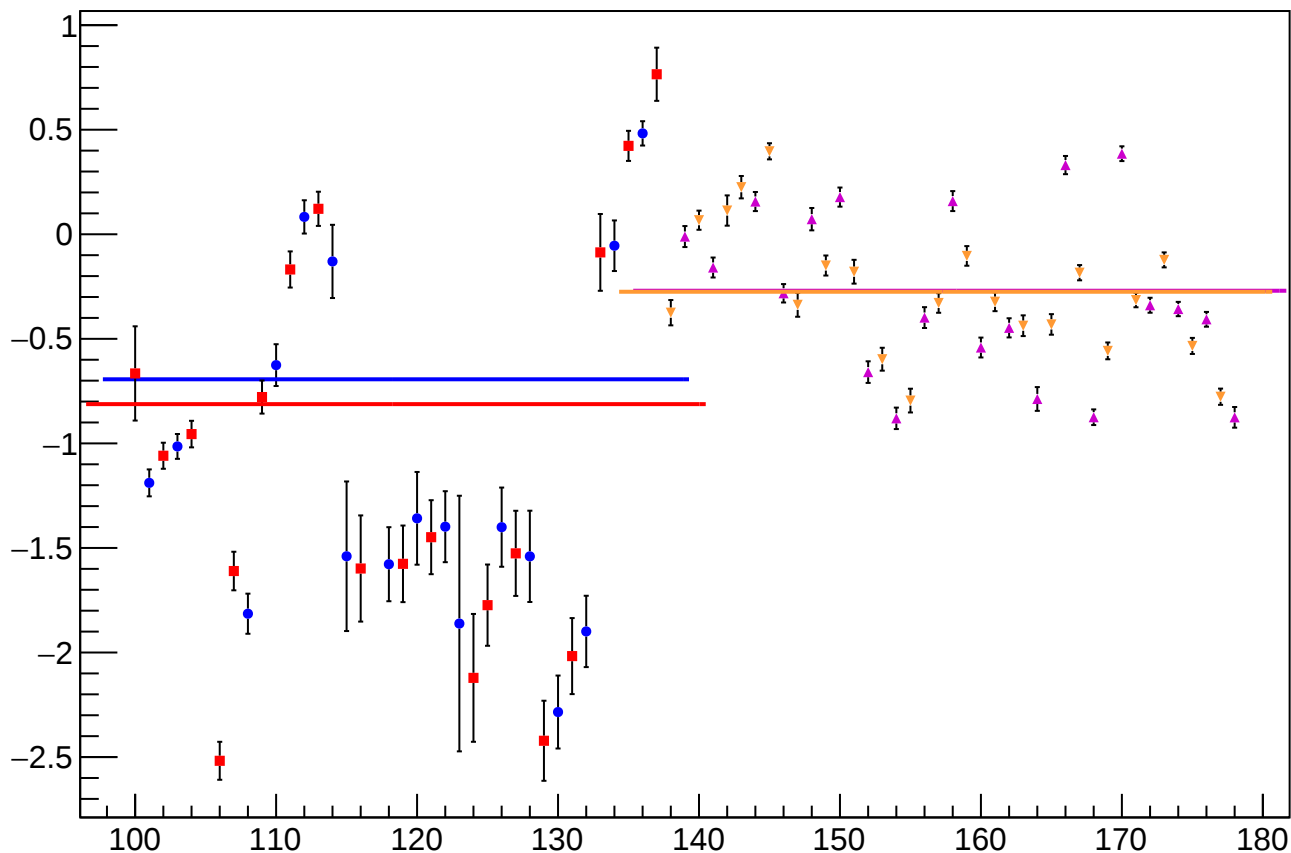
Right: 109.427 ± 0.345 $\chi^2/\text{NDF}: 13029.8/35$

In: 110.575 ± 0.197 $\chi^2/\text{NDF}: 9520.0/36$

Out: 112.096 ± 0.196 $\chi^2/\text{NDF}: 11224.3/39$

All: 111.340 ± 0.139 $\chi^2/\text{NDF}: 20774.3/76$

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: -0.275 ± 0.010 χ^2/NDF : 931.1/20

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.270 ± 0.010 χ^2/NDF : 1642.7/19

Left: -0.272 ± 0.007 χ^2/NDF : 2573.9/40

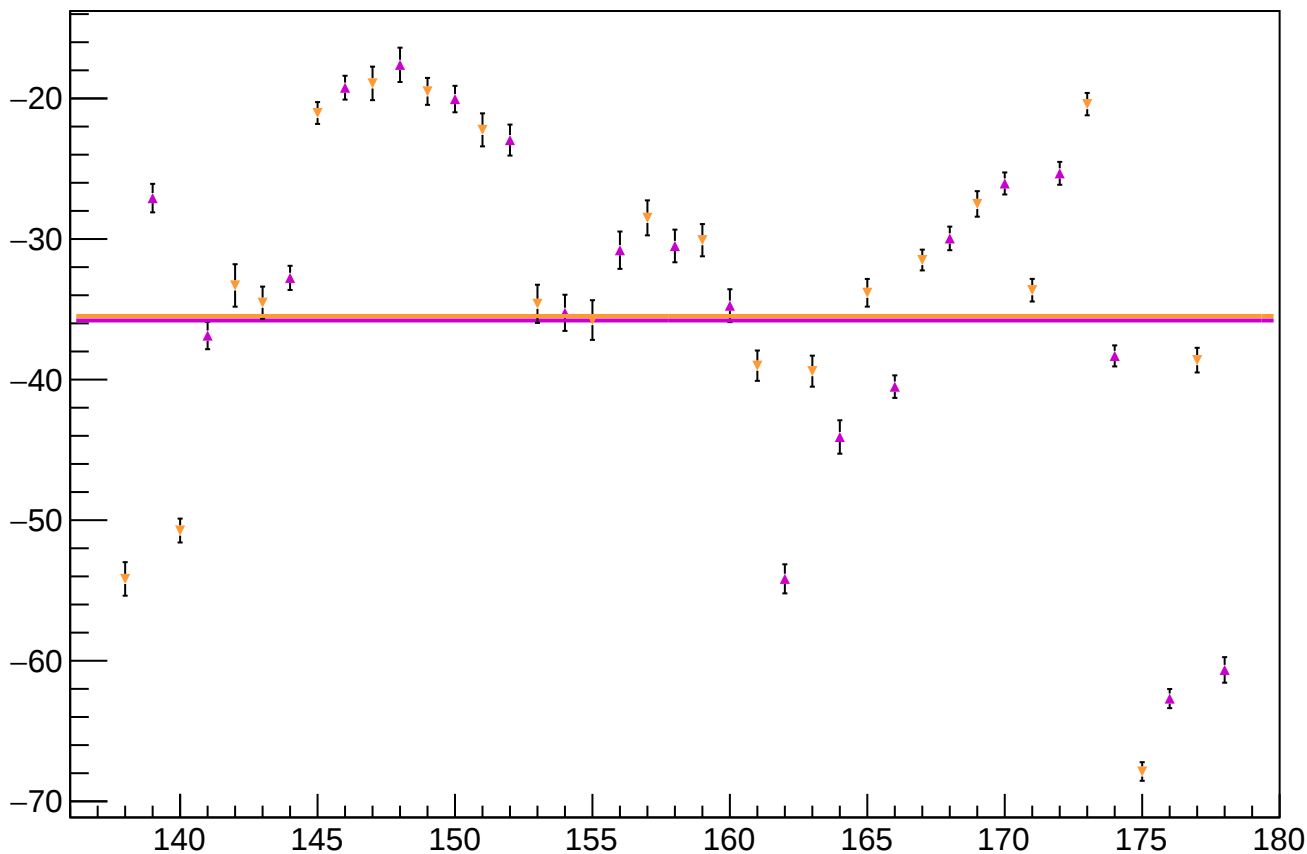
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.324 ± 0.009 χ^2/NDF : 2868.7/36

Out: -0.351 ± 0.009 χ^2/NDF : 2658.6/39

All: -0.337 ± 0.006 χ^2/NDF : 5531.8/76

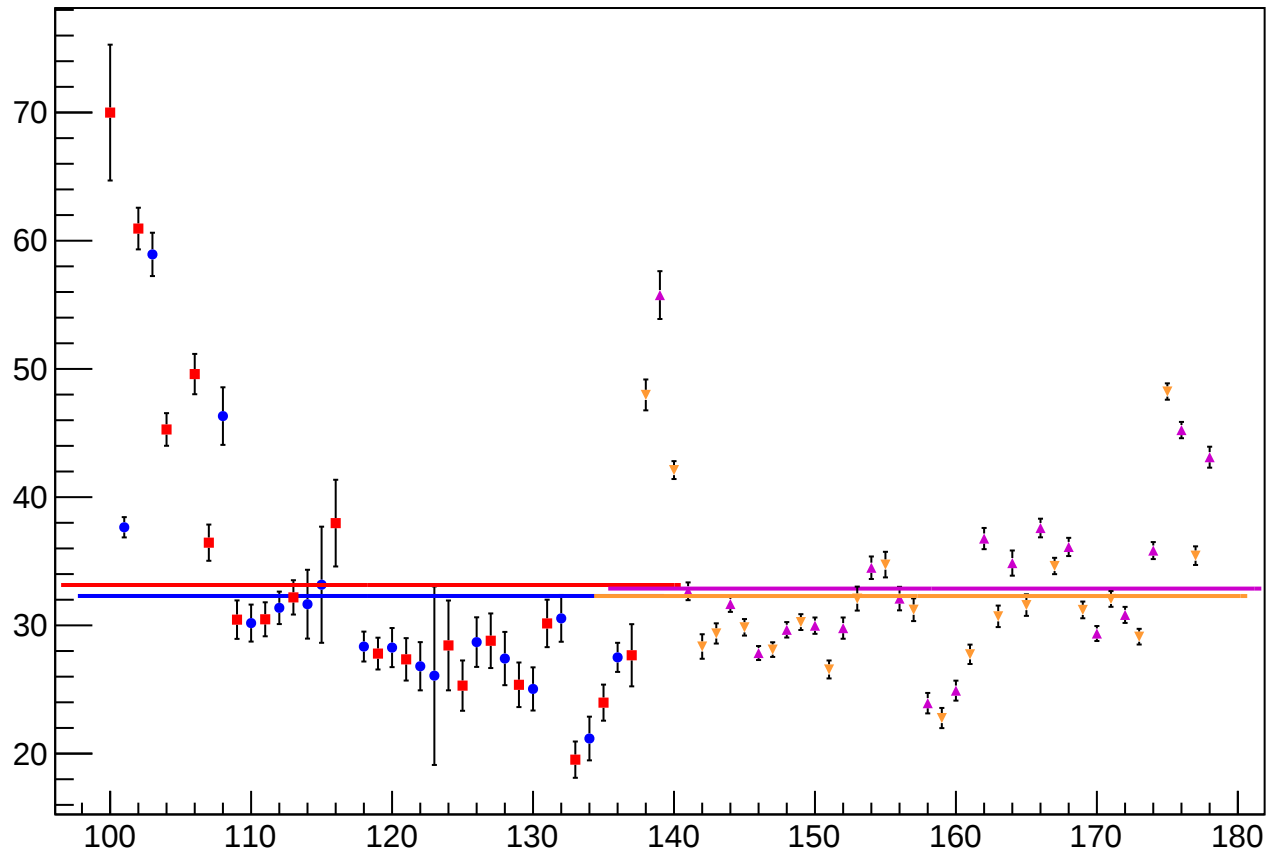
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.474+/-0.211 χ^2/NDF :4470.7/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -35.794+/-0.209 χ^2/NDF :4228.5/19

Left: -35.636+/-0.149 χ^2/NDF : 8700.3/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -35.794+/-0.209 χ^2/NDF :4228.5/19
 Out: -35.474+/-0.211 χ^2/NDF :4470.7/20
 All: -35.636+/-0.149 χ^2/NDF : 8700.3/40

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: 32.289 ± 0.159 $\chi^2/\text{NDF}: 1426.8/20$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 32.869 ± 0.160 $\chi^2/\text{NDF}: 1228.4/19$

Left: 32.576 ± 0.113 $\chi^2/\text{NDF}: 2661.8/40$

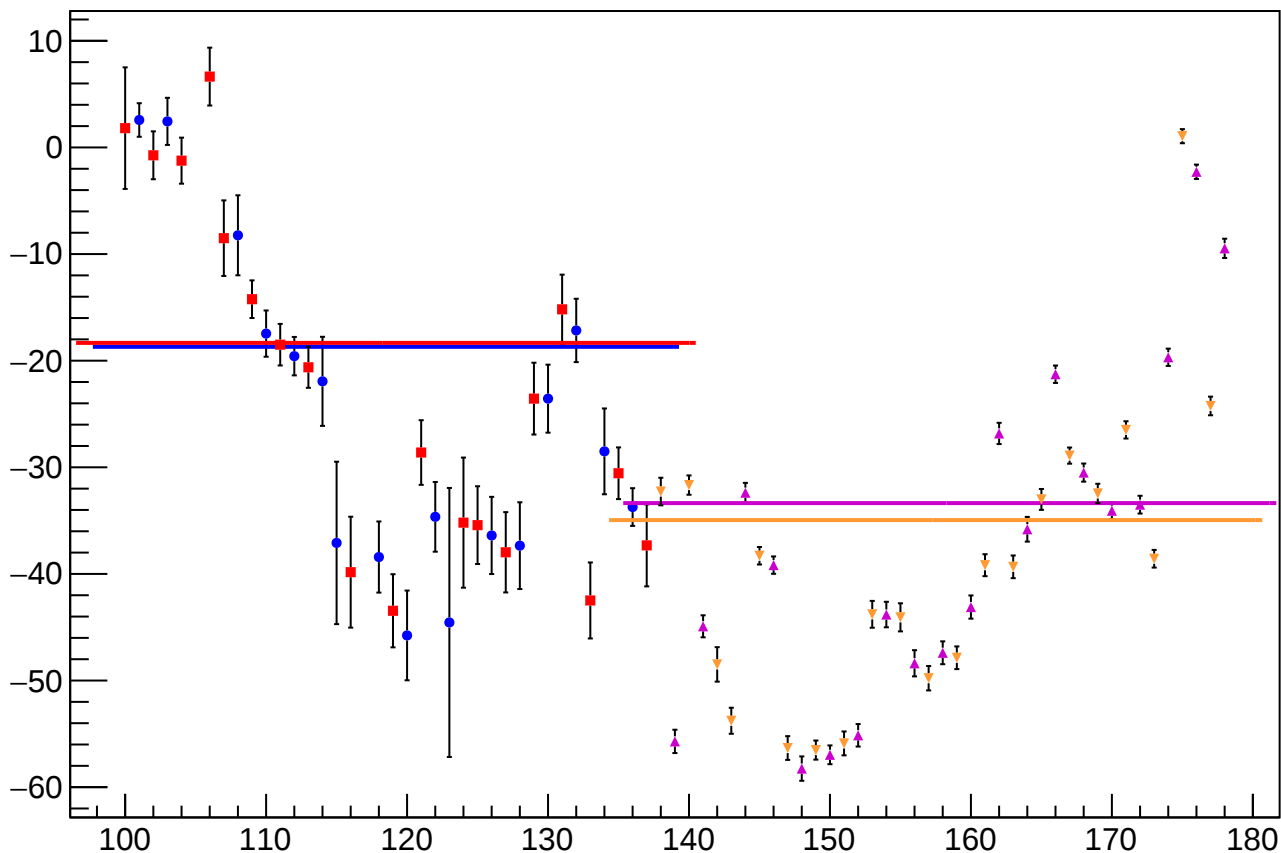
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 32.779 ± 0.147 $\chi^2/\text{NDF}: 1683.0/36$

Out: 32.417 ± 0.146 $\chi^2/\text{NDF}: 2203.8/39$

All: 32.597 ± 0.104 $\chi^2/\text{NDF}: 3889.8/76$

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: -34.951 ± 0.211 χ^2/NDF : 5394.5/20

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -33.356 ± 0.208 χ^2/NDF : 6080.4/19

Left: -34.142 ± 0.148 χ^2/NDF : 11503.9/40

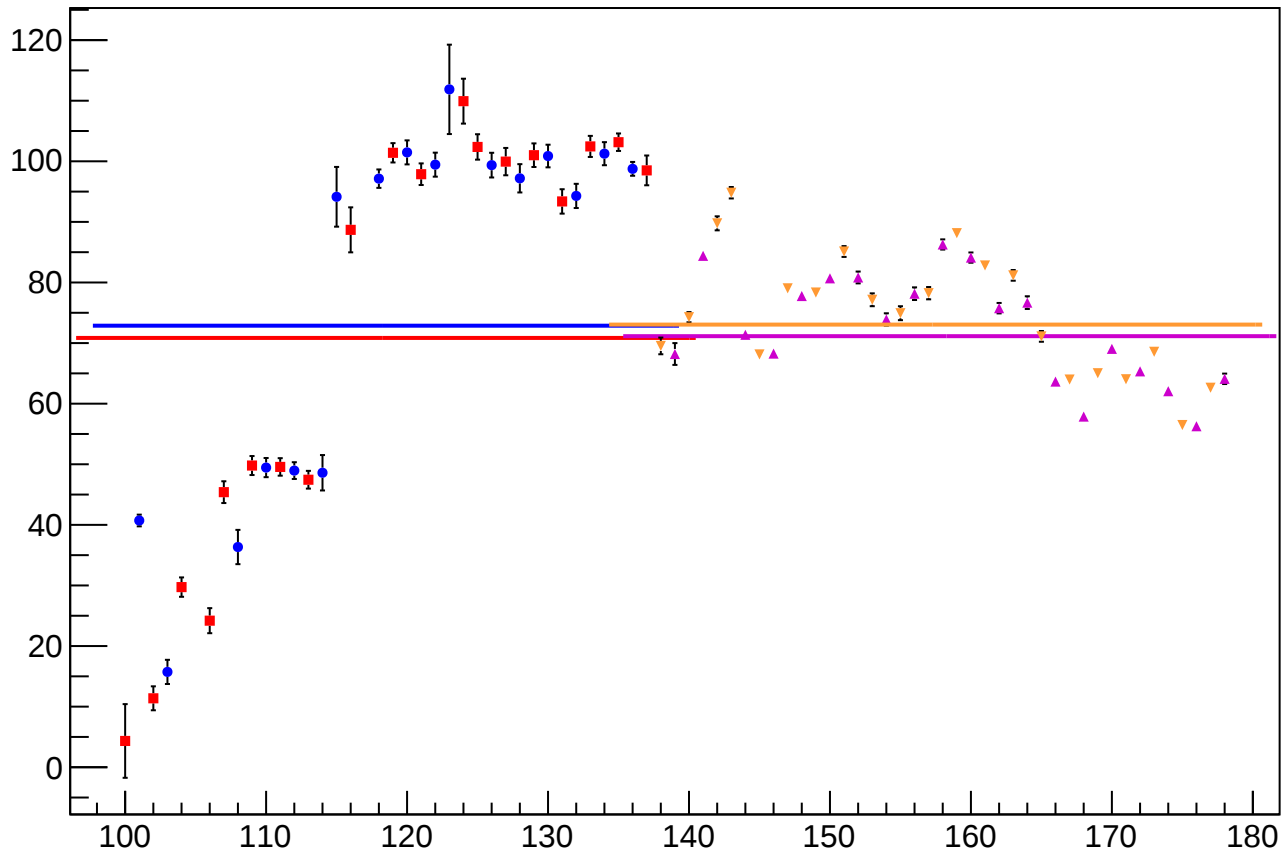
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -32.057 ± 0.198 χ^2/NDF : 7040.2/36

Out: -33.337 ± 0.201 χ^2/NDF : 6471.0/39

All: -32.690 ± 0.141 χ^2/NDF : 13531.8/76

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: 73.051 $\pm$ 0.180 χ^2 /NDF: 2992.5/20

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 71.140 $\pm$ 0.181 χ^2 /NDF: 2416.8/19

Left: 72.101 $\pm$ 0.128 χ^2 /NDF: 5465.1/40

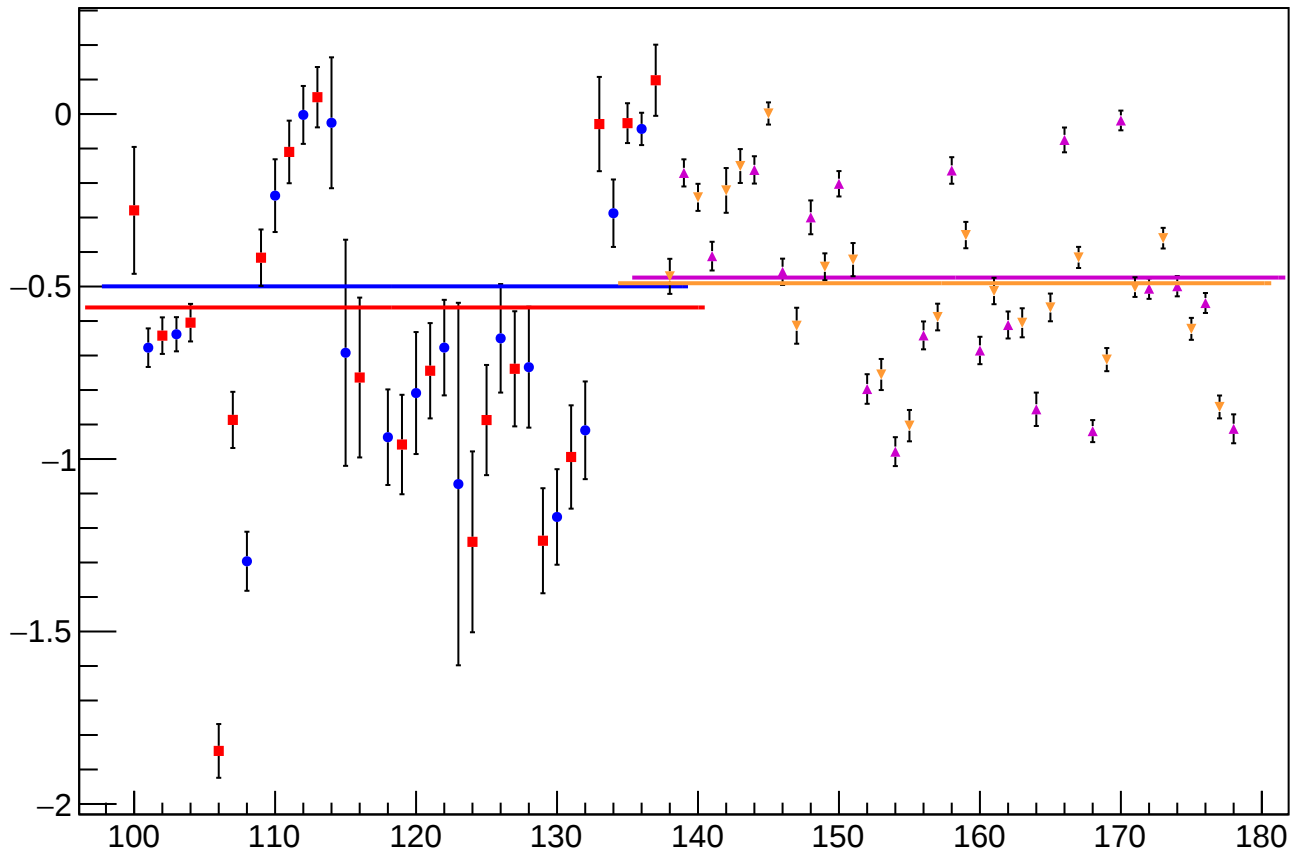
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 71.405 $\pm$ 0.167 χ^2 /NDF: 7157.9/36

Out: 72.725 $\pm$ 0.167 χ^2 /NDF: 8509.9/39

All: 72.067 $\pm$ 0.118 χ^2 /NDF: 15699.2/76

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: -0.490 ± 0.008 χ^2/NDF : 699.0/20

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.474 ± 0.008 χ^2/NDF : 1266.6/19

Left: -0.482 ± 0.006 χ^2/NDF : 1967.6/40

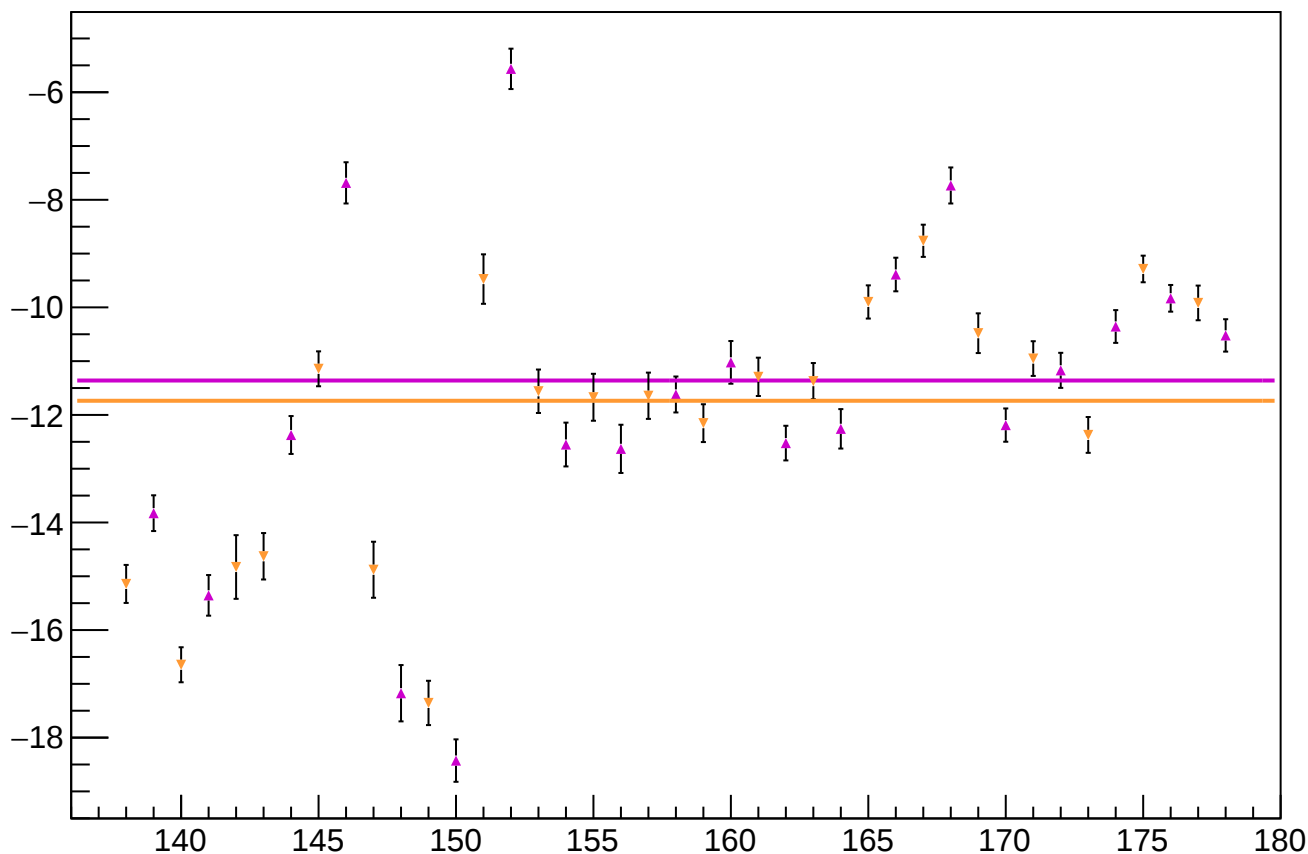
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.477 ± 0.008 χ^2/NDF : 1570.3/36

Out: -0.500 ± 0.008 χ^2/NDF : 1270.2/39

All: -0.488 ± 0.005 χ^2/NDF : 2844.8/76

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: -11.737+/-0.078 χ^2/NDF : 932.0/20

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

Left In: -11.360+/-0.077 χ^2/NDF : 1207.3/19

Left: -11.546+/-0.055 χ^2/NDF : 2151.2/40

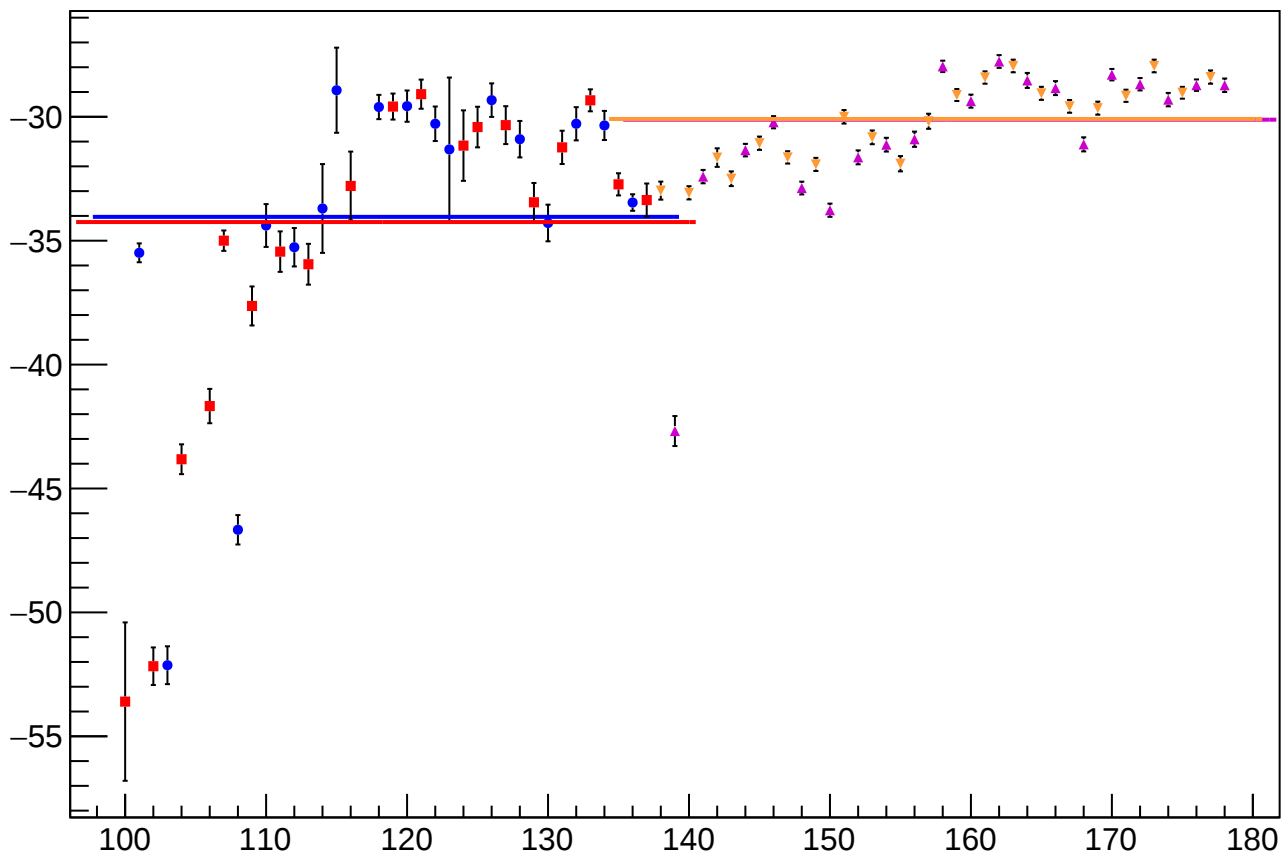
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.360+/-0.077 χ^2/NDF : 1207.3/19

Out: -11.737+/-0.078 χ^2/NDF : 932.0/20

All: -11.546+/-0.055 χ^2/NDF : 2151.2/40

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: -30.088 ± 0.059 χ^2/NDF : 706.6/20

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.116 ± 0.060 χ^2/NDF : 1280.1/19

Left: -30.102 ± 0.042 χ^2/NDF : 1986.8/40

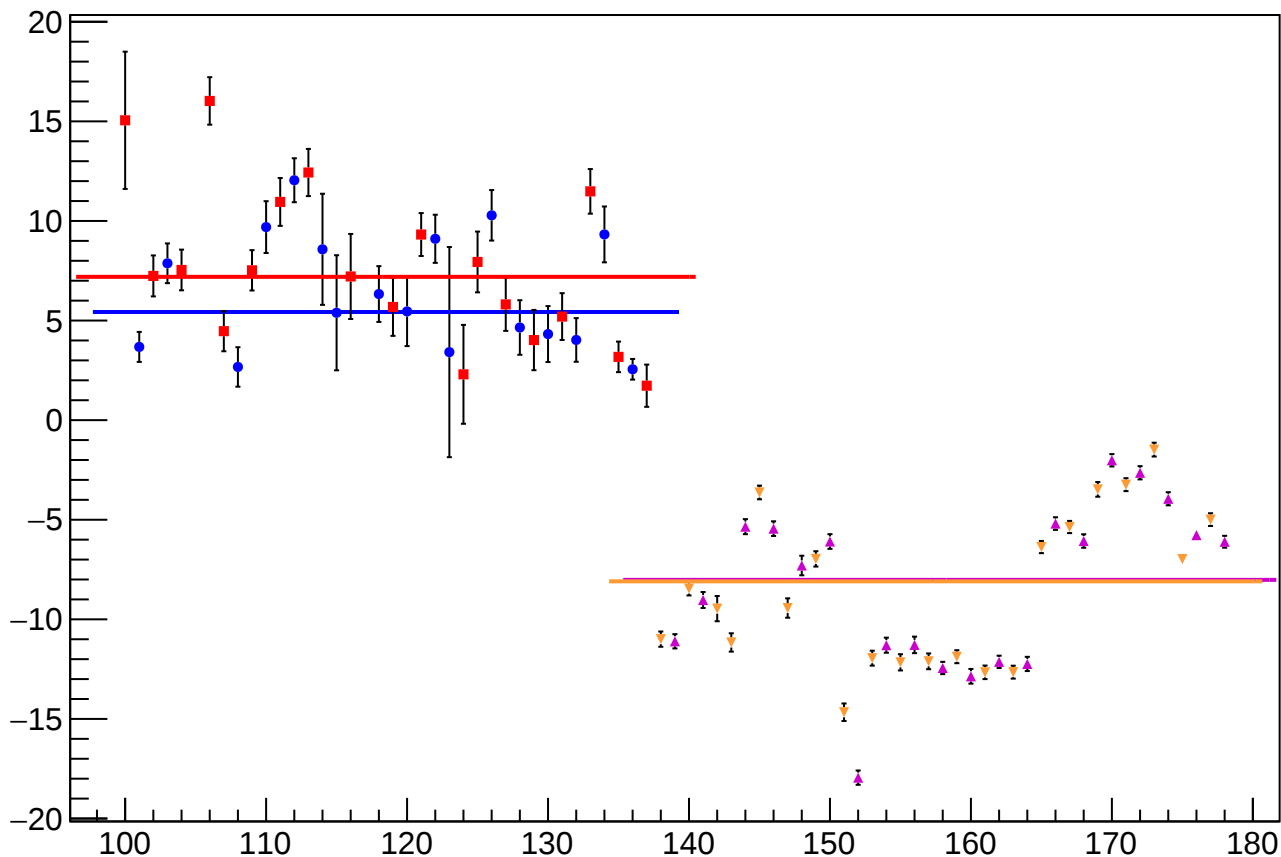
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -30.652 ± 0.056 χ^2/NDF : 3206.4/36

Out: -30.642 ± 0.055 χ^2/NDF : 2725.1/39

All: -30.647 ± 0.039 χ^2/NDF : 5931.5/76

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: -8.092 ± 0.077 χ^2/NDF : 2304.1/20

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -8.018 ± 0.076 χ^2/NDF : 2828.4/19

Left: -8.055 ± 0.054 χ^2/NDF : 5132.9/40

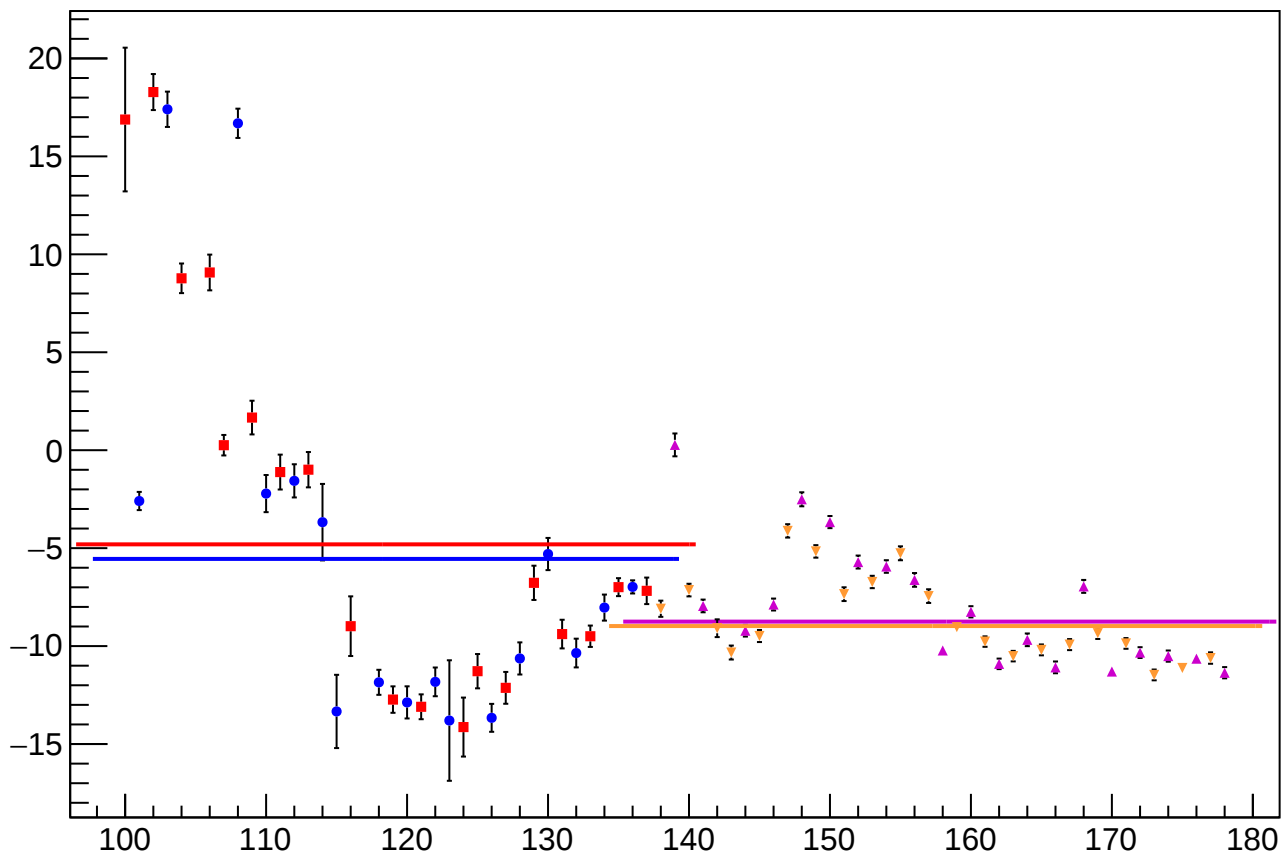
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -7.021 ± 0.073 χ^2/NDF : 5259.5/36

Out: -6.960 ± 0.075 χ^2/NDF : 5368.0/39

All: -6.991 ± 0.052 χ^2/NDF : 10627.8/76

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: -8.977 ± 0.067 χ^2/NDF : 868.3/20

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -8.751 ± 0.067 χ^2/NDF : 1544.3/19

Left: -8.865 ± 0.047 χ^2/NDF : 2418.4/40

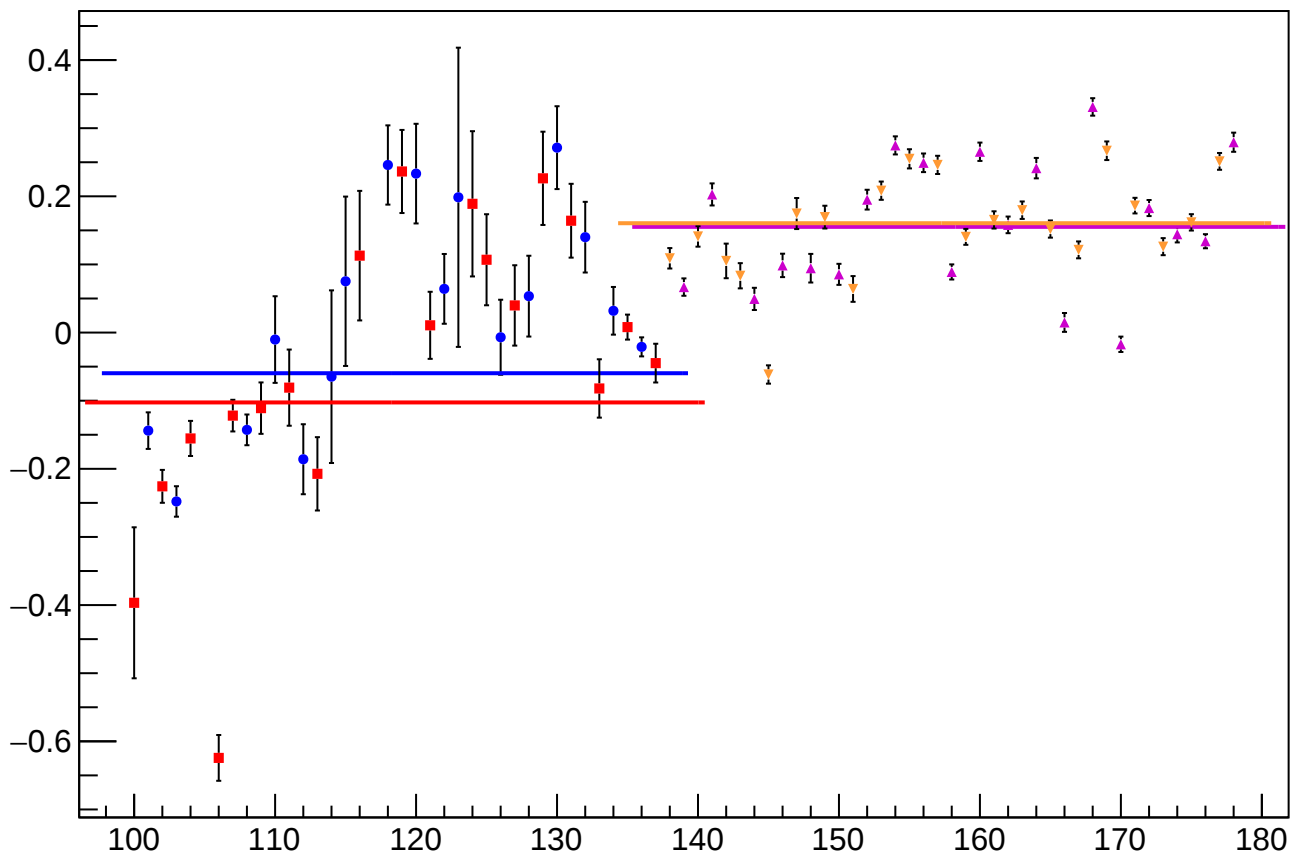
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -8.319 ± 0.062 χ^2/NDF : 3977.3/36

Out: -8.437 ± 0.062 χ^2/NDF : 3424.6/39

All: -8.379 ± 0.044 χ^2/NDF : 7403.7/76

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: 0.161 ± 0.003 χ^2/NDF : 577.0/20

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.155 ± 0.003 χ^2/NDF : 1023.5/19

Left: 0.158 ± 0.002 χ^2/NDF : 1602.1/40

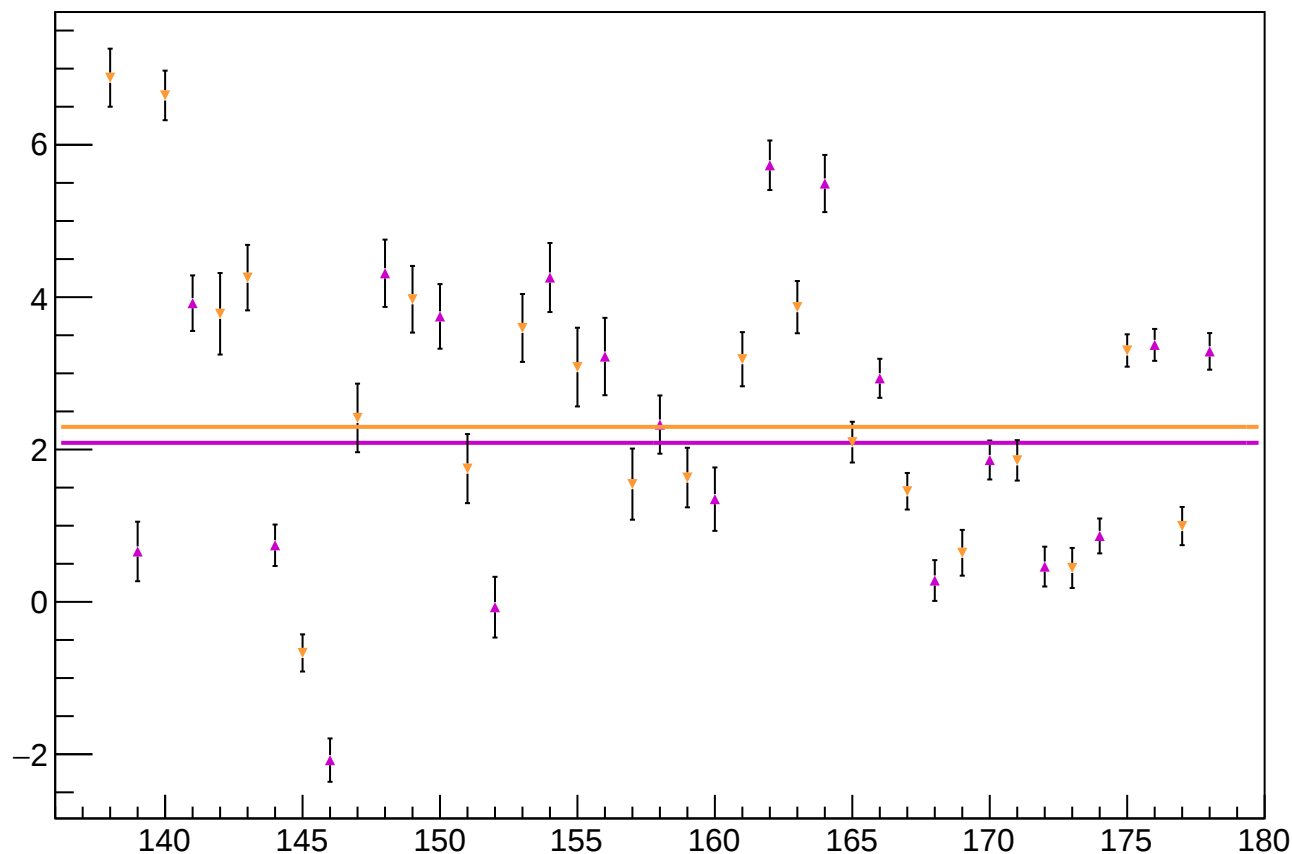
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.131 ± 0.003 χ^2/NDF : 1821.3/36

Out: 0.130 ± 0.003 χ^2/NDF : 1876.8/39

All: 0.131 ± 0.002 χ^2/NDF : 3698.1/76

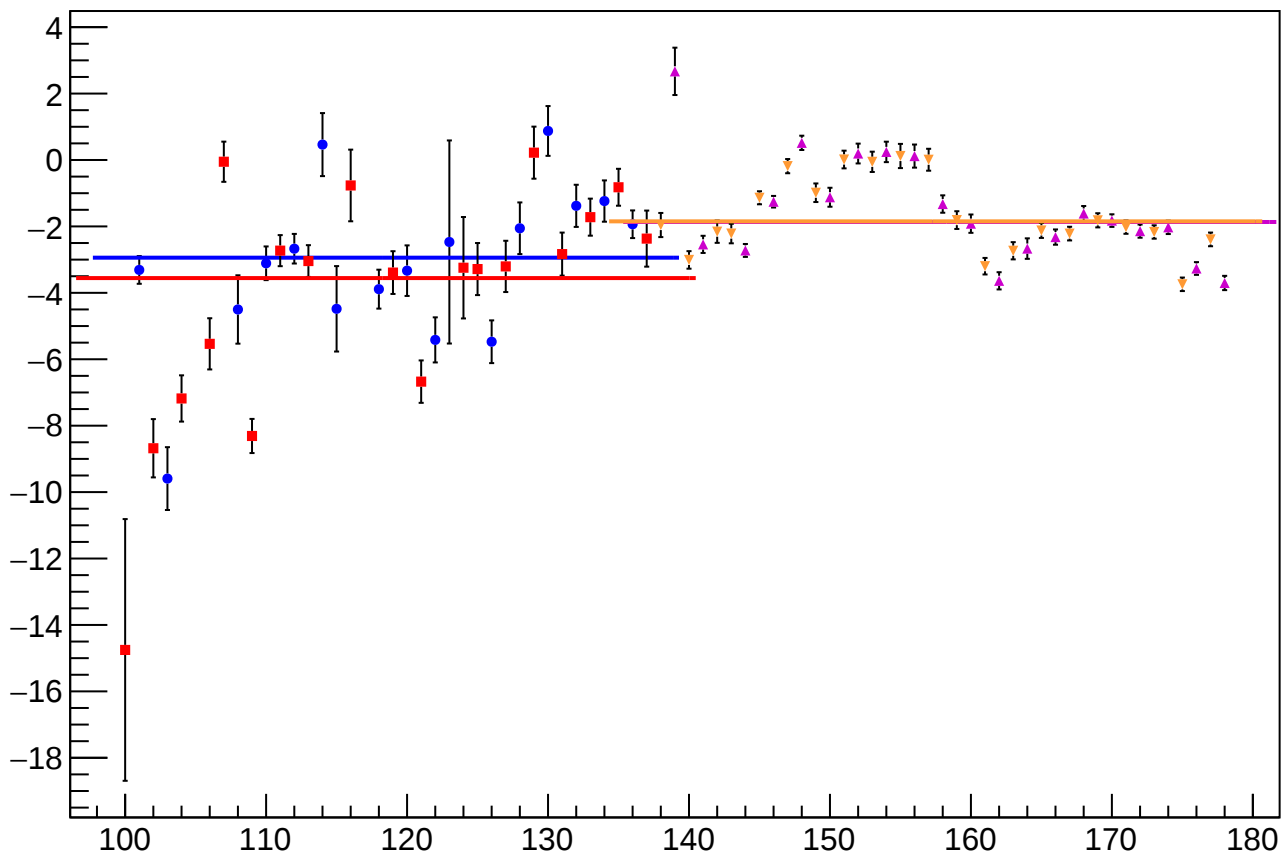
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.297 $\pm$ 0.070 χ^2/NDF : 704.7/20
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.088 $\pm$ 0.068 χ^2/NDF : 773.6/19

Left: 2.190 $\pm$ 0.049 χ^2/NDF : 1482.8/40
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.088 $\pm$ 0.068 χ^2/NDF : 773.6/19
 Out: 2.297 $\pm$ 0.070 χ^2/NDF : 704.7/20
 All: 2.190 $\pm$ 0.049 χ^2/NDF : 1482.8/40

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: -1.848 ± 0.053 χ^2/NDF : 391.7/20

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.867 ± 0.053 χ^2/NDF : 527.1/19

Left: -1.857 ± 0.038 χ^2/NDF : 918.9/40

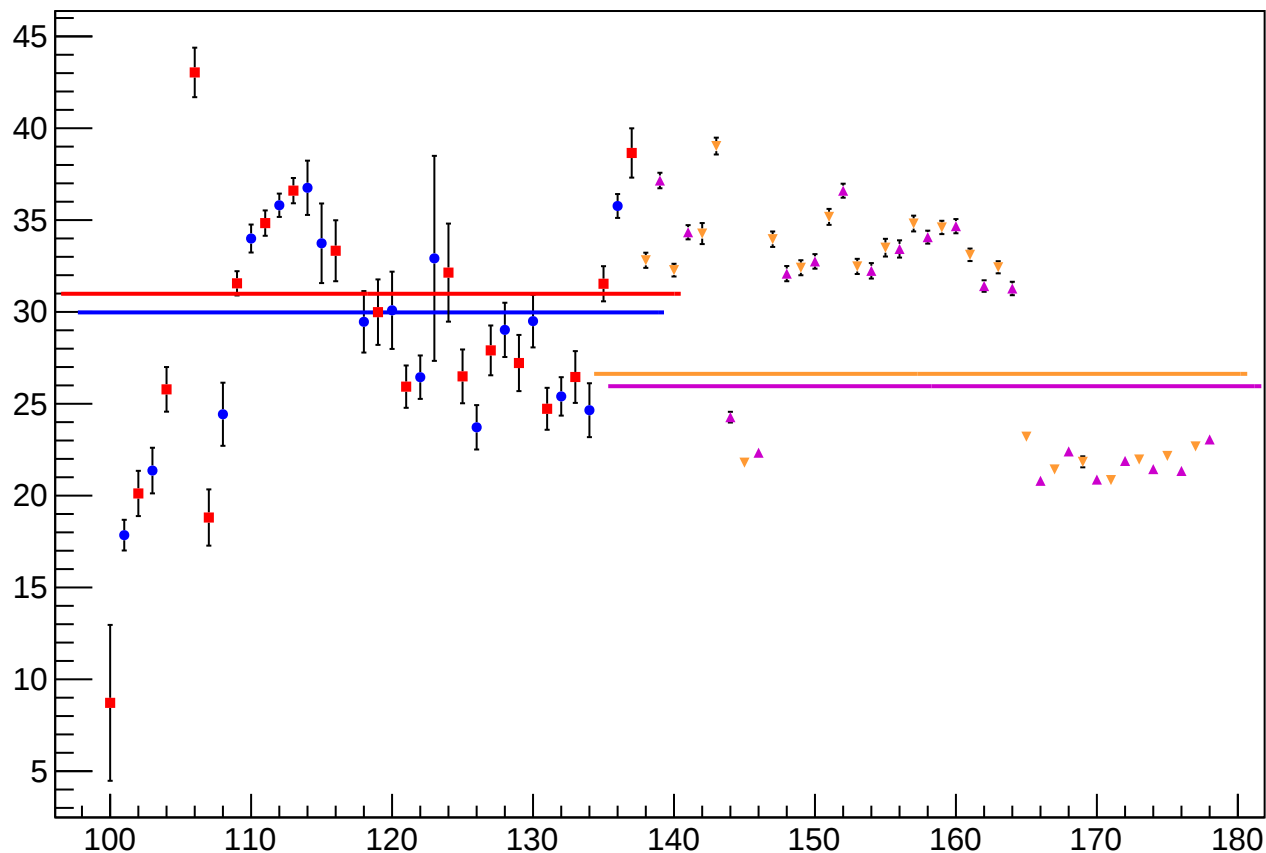
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.980 ± 0.050 χ^2/NDF : 716.1/36

Out: -2.029 ± 0.050 χ^2/NDF : 792.5/39

All: -2.004 ± 0.035 χ^2/NDF : 1509.1/76

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: 26.629 $\pm$ 0.070 χ^2 /NDF: 6874.9/20

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 25.957 $\pm$ 0.068 χ^2 /NDF: 6856.8/19

Left: 26.283 $\pm$ 0.049 χ^2 /NDF: 13778.6/40

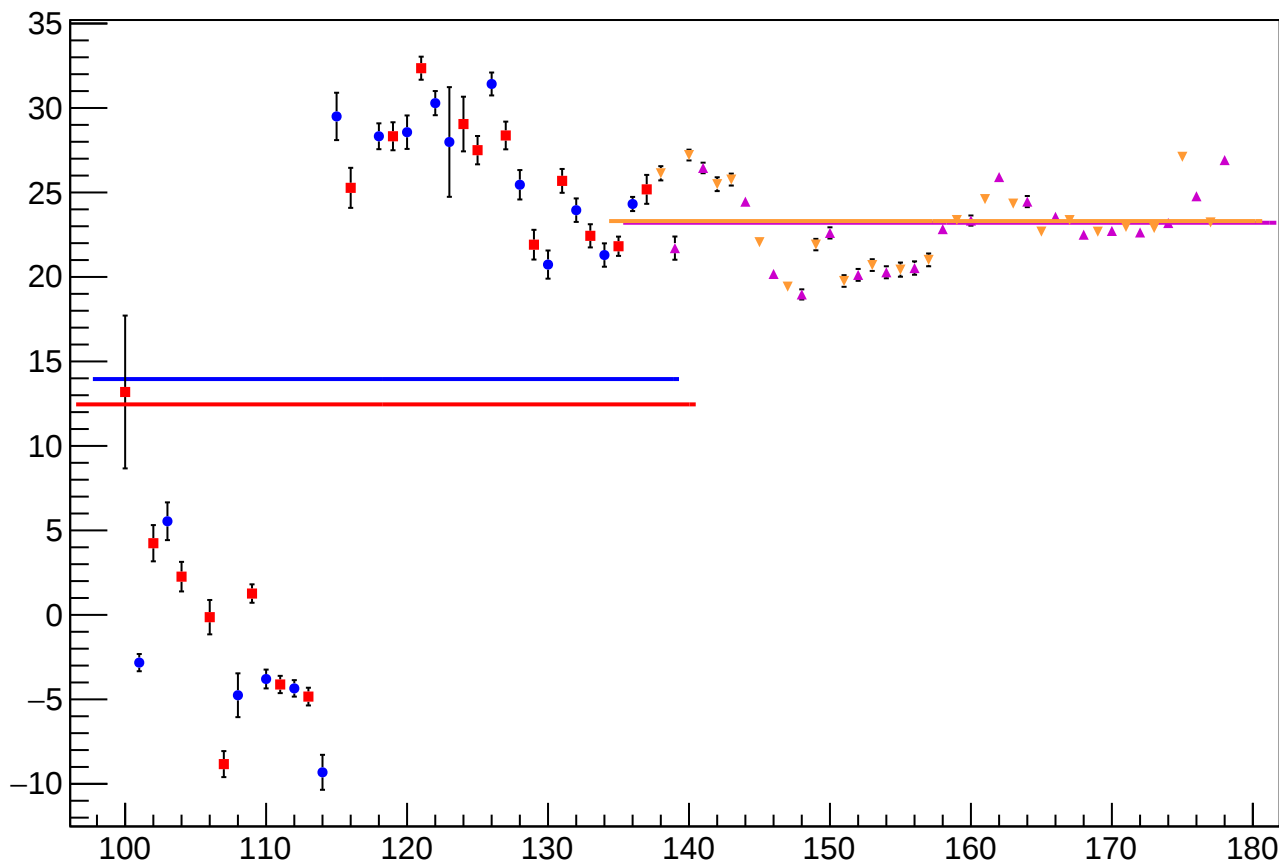
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 26.204 $\pm$ 0.066 χ^2 /NDF: 7622.8/36

Out: 26.926 $\pm$ 0.068 χ^2 /NDF: 7618.0/39

All: 26.556 $\pm$ 0.047 χ^2 /NDF: 15298.9/76

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: 23.307 $\pm$ 0.060 χ^2 /NDF:1112.4/20

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 23.208 $\pm$ 0.060 χ^2 /NDF:1188.2/19

Left: 23.257 $\pm$ 0.042 χ^2 /NDF: 2301.9/40

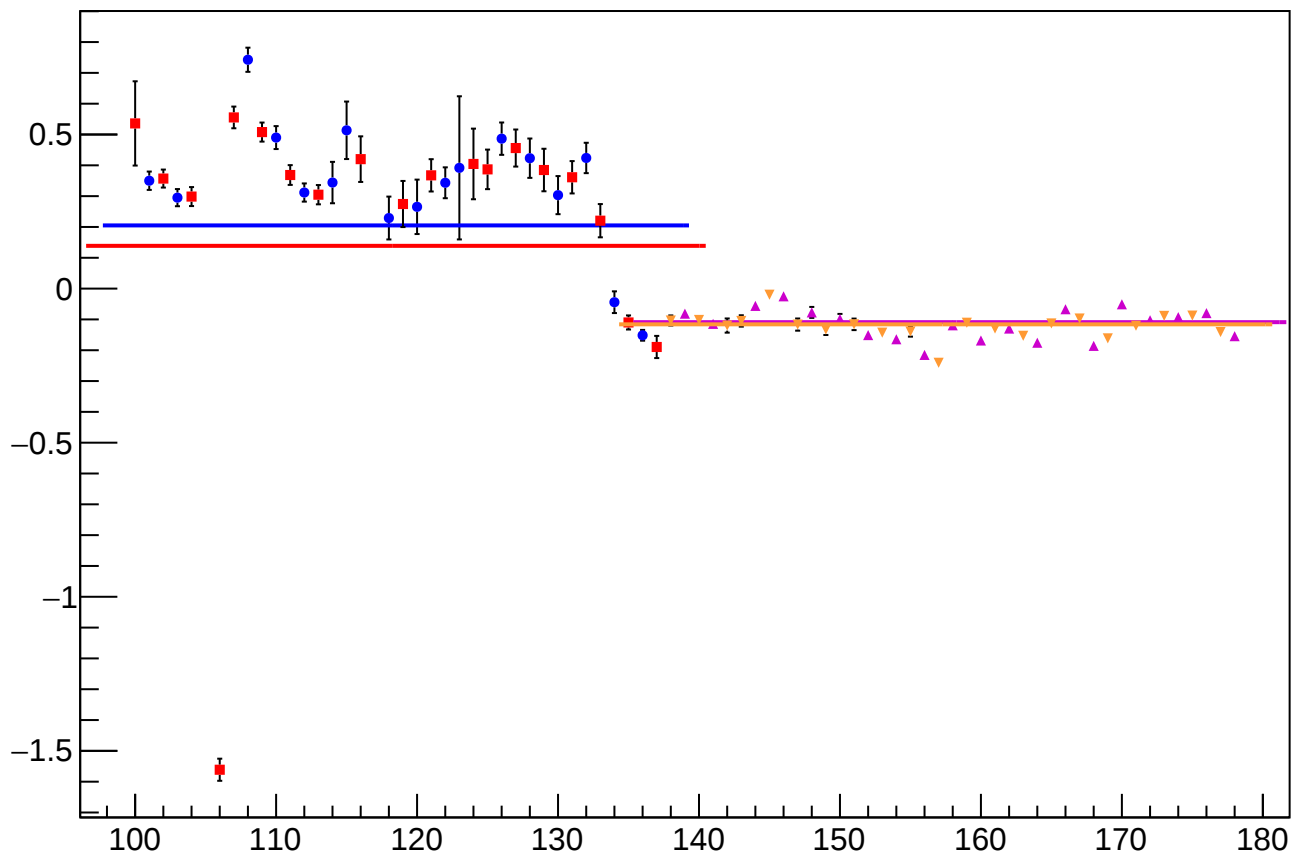
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 22.220 $\pm$ 0.056 χ^2 /NDF:11111.5/36

Out: 22.144 $\pm$ 0.057 χ^2 /NDF:11578.7/39

All: 22.182 $\pm$ 0.040 χ^2 /NDF: 22691.0/76

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 ± 0.003 χ^2/NDF : 223.8/20

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.4/18

Left In: -0.109 ± 0.003 χ^2/NDF : 317.4/19

Left: -0.112 ± 0.002 χ^2/NDF : 544.5/40

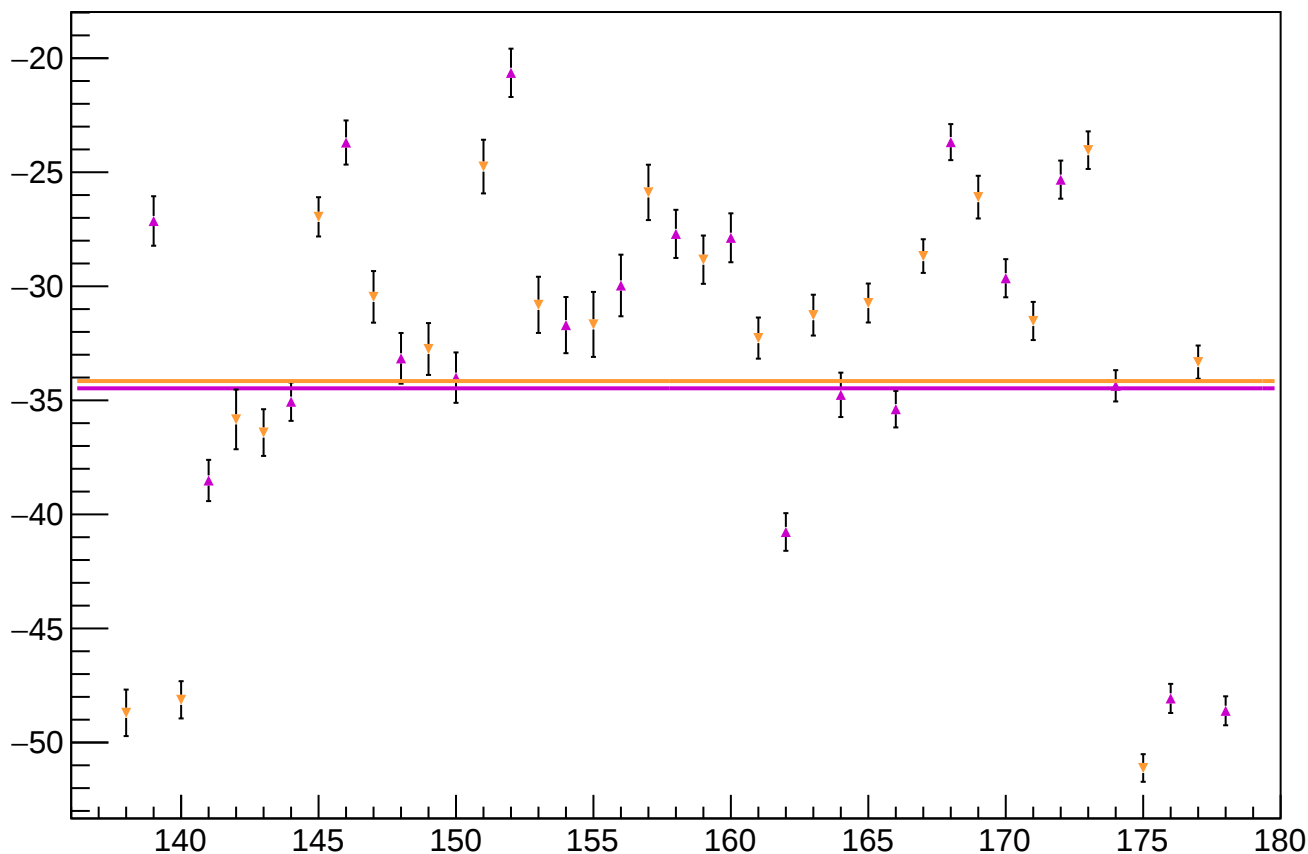
Right: 0.171 ± 0.007 χ^2/NDF : 3888.5/35

In: -0.085 ± 0.003 χ^2/NDF : 2199.8/36

Out: -0.095 ± 0.003 χ^2/NDF : 3943.9/39

All: -0.090 ± 0.002 χ^2/NDF : 6151.1/76

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -34.155+/-0.201 χ^2/NDF :1839.3/20

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

Left In: -34.473+/-0.197 χ^2/NDF :1806.6/19

Left: -34.317+/-0.141 χ^2/NDF : 3647.1/40

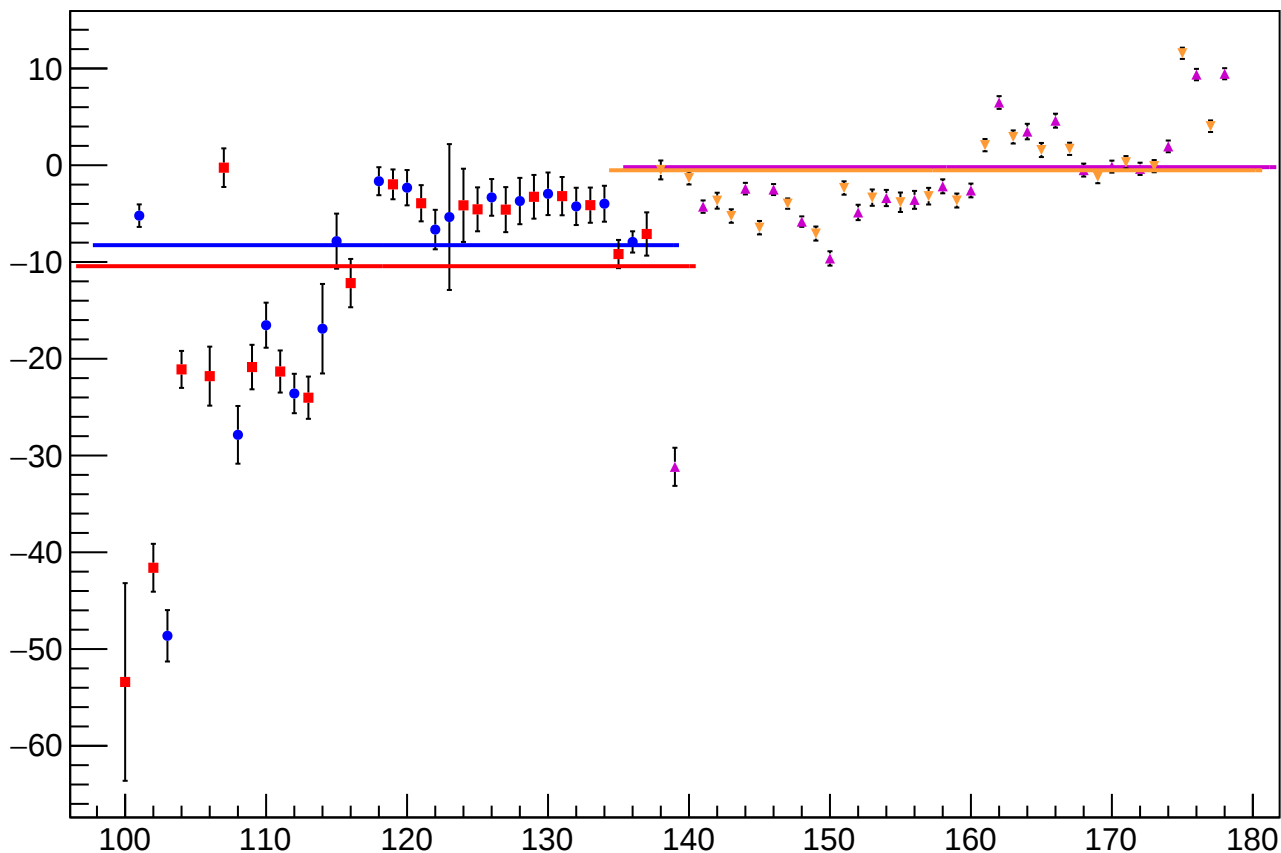
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.473+/-0.197 χ^2/NDF :1806.6/19

Out: -34.155+/-0.201 χ^2/NDF :1839.3/20

All: -34.317+/-0.141 χ^2/NDF : 3647.1/40

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: -0.521 ± 0.151 χ^2/NDF : 870.5/20

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: -0.198 ± 0.151 χ^2/NDF : 1397.6/19

Left: -0.360 ± 0.107 χ^2/NDF : 2270.3/40

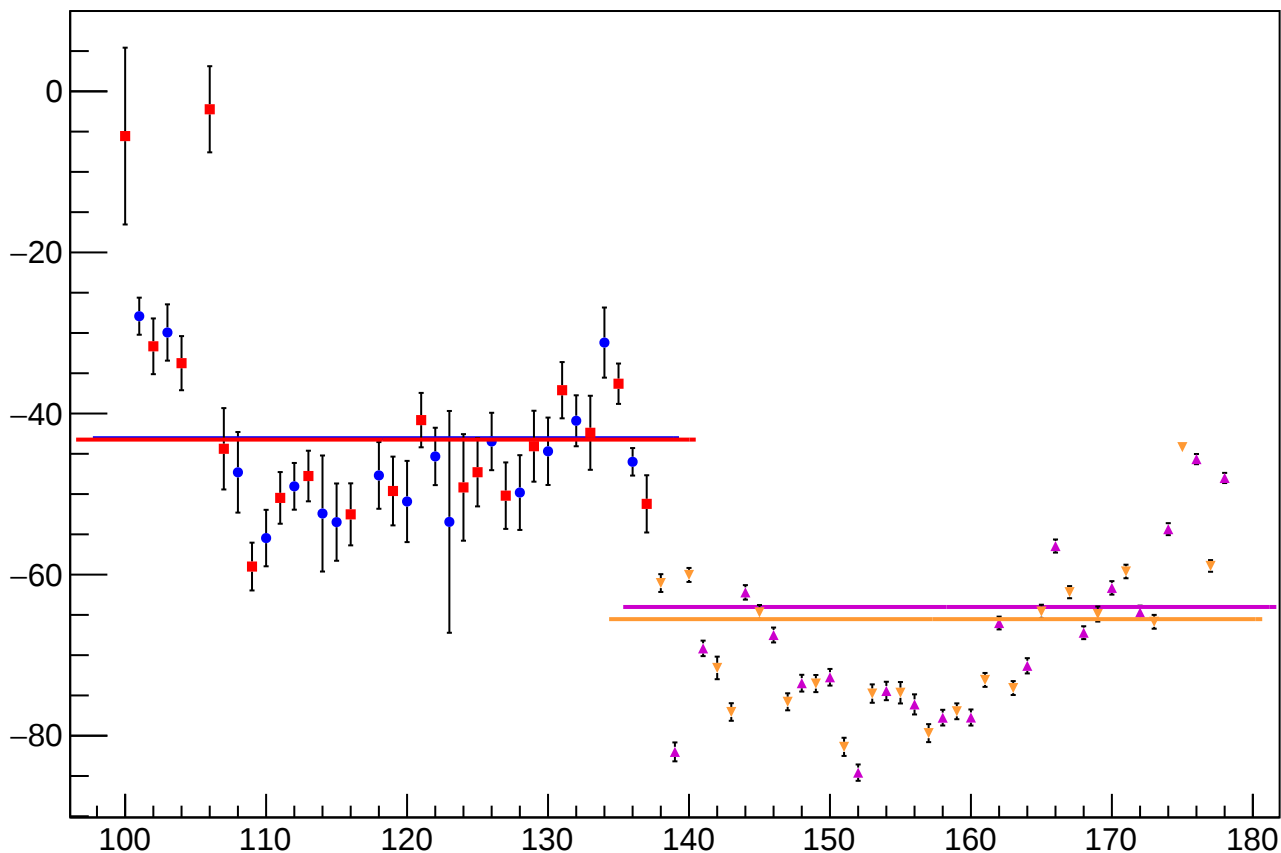
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -0.979 ± 0.144 χ^2/NDF : 2083.8/36

Out: -1.376 ± 0.144 χ^2/NDF : 1672.2/39

All: -1.177 ± 0.102 χ^2/NDF : 3759.8/76

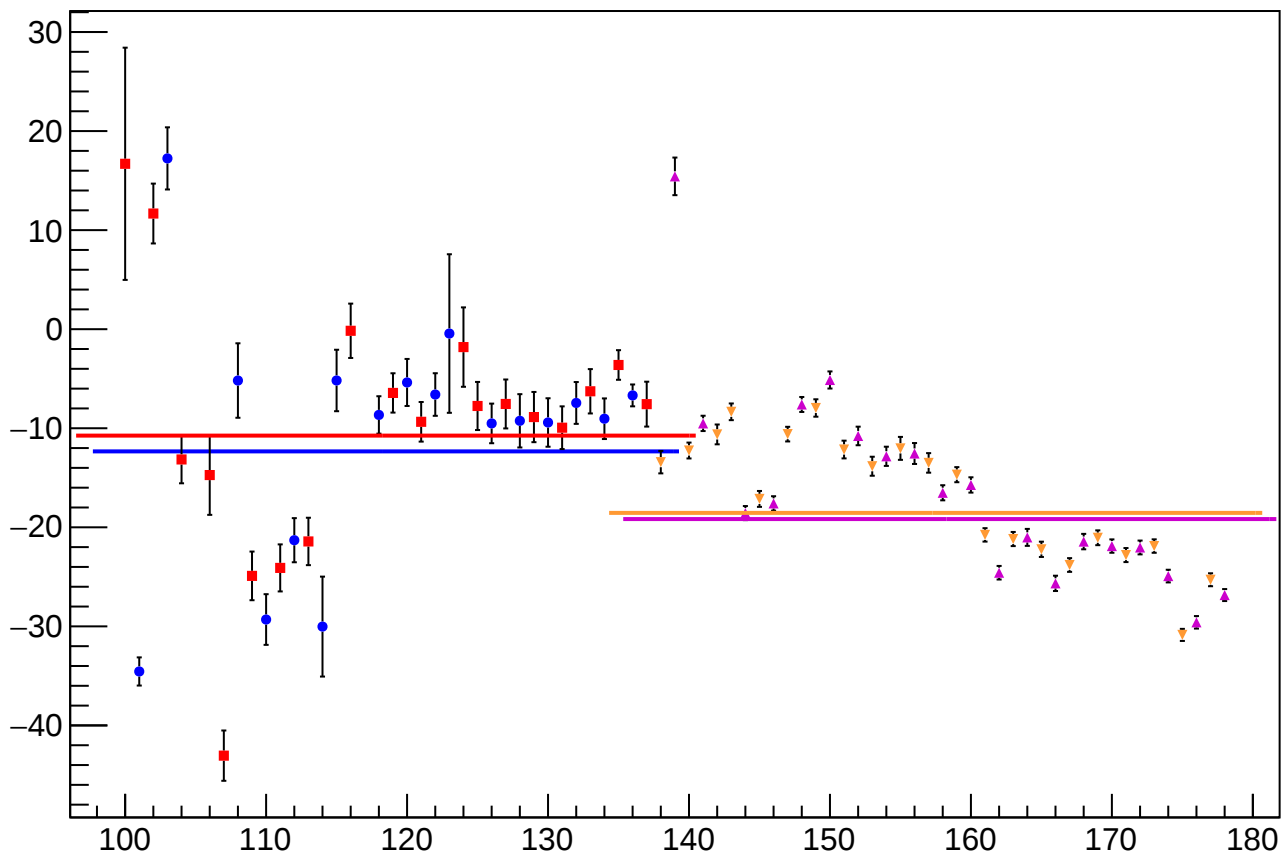
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -65.527 ± 0.201 $\chi^2/\text{NDF}: 2517.8/20$
 Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -64.016 ± 0.196 $\chi^2/\text{NDF}: 3248.1/19$

Left: -64.755 ± 0.140 $\chi^2/\text{NDF}: 5794.8/40$
 Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$
 In: -62.918 ± 0.191 $\chi^2/\text{NDF}: 3943.3/36$
 Out: -64.389 ± 0.196 $\chi^2/\text{NDF}: 3300.6/39$
 All: -63.637 ± 0.137 $\chi^2/\text{NDF}: 7272.8/76$

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: -18.544 ± 0.171 χ^2/NDF : 1405.4/20

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -19.168 ± 0.171 χ^2/NDF : 1879.3/19

Left: -18.856 ± 0.121 χ^2/NDF : 3291.4/40

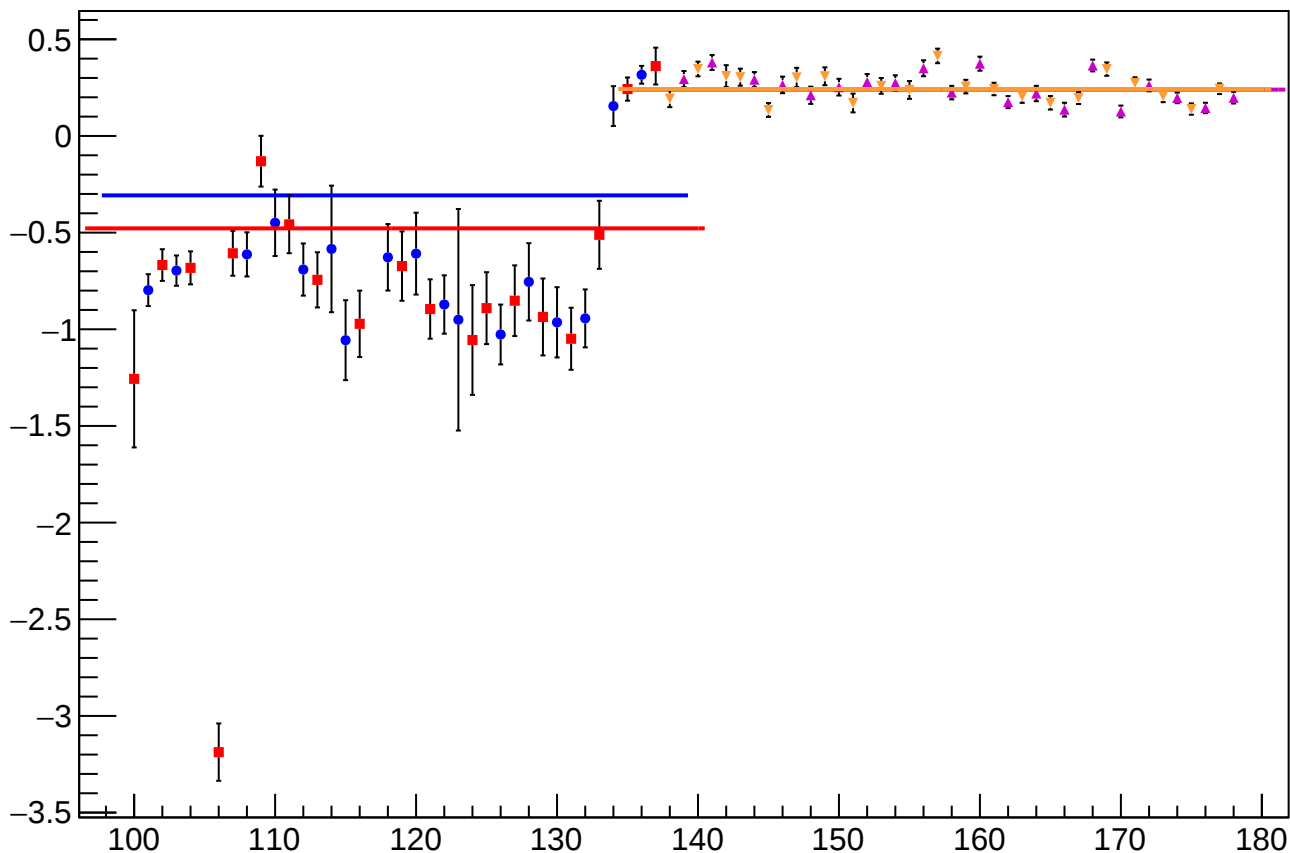
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -18.501 ± 0.163 χ^2/NDF : 2510.0/36

Out: -17.862 ± 0.164 χ^2/NDF : 1953.9/39

All: -18.183 ± 0.115 χ^2/NDF : 4471.6/76

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.243 ± 0.008 χ^2/NDF : 79.4/20

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.240 ± 0.008 χ^2/NDF : 100.9/19

Left: 0.241 ± 0.006 χ^2/NDF : 180.4/40

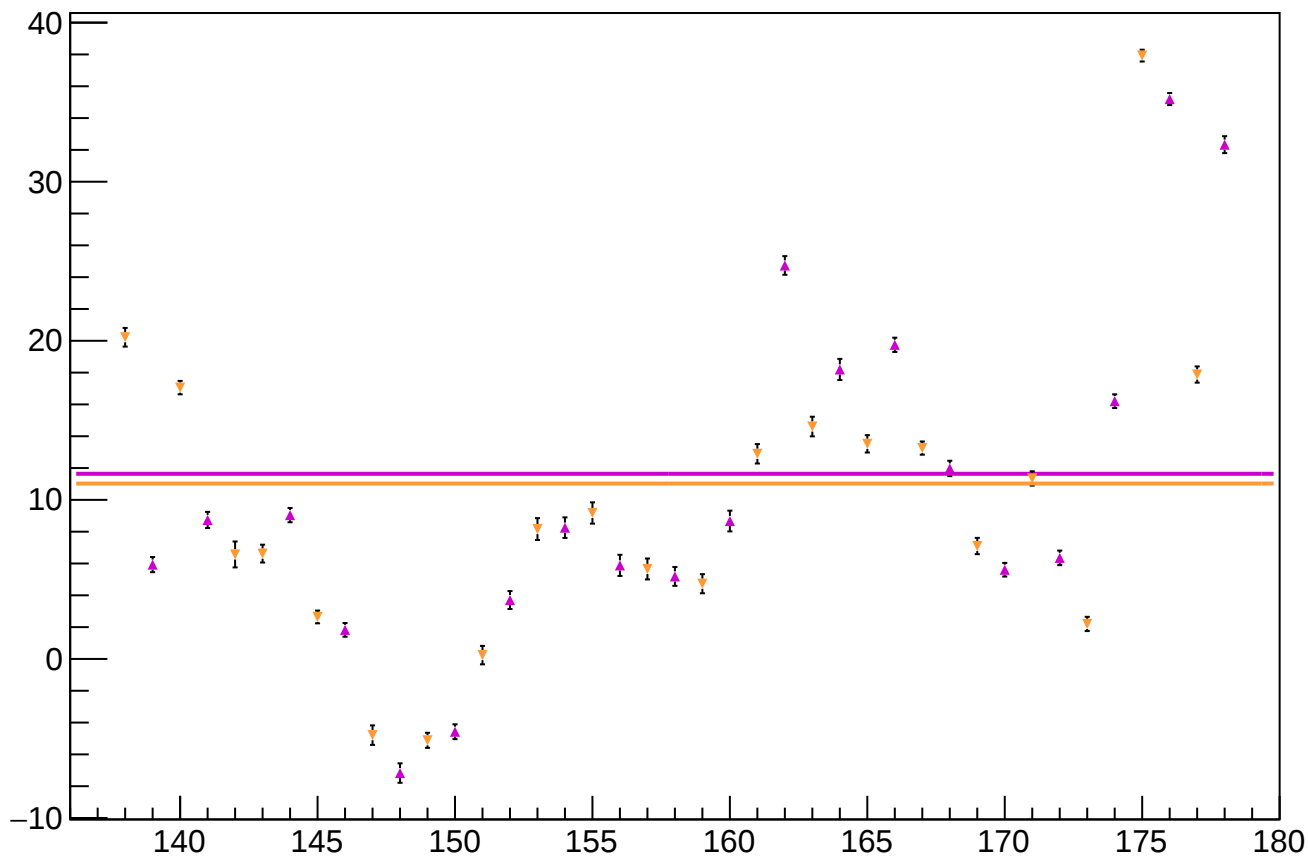
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.199 ± 0.008 χ^2/NDF : 838.6/36

Out: 0.191 ± 0.008 χ^2/NDF : 1303.5/39

All: 0.195 ± 0.005 χ^2/NDF : 2142.7/76

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: 11.025 $\pm$ 0.113 χ^2 /NDF:9285.1/20

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

Left In: 11.640 $\pm$ 0.112 χ^2 /NDF:10067.2/19

Left: 11.335 $\pm$ 0.080 χ^2 /NDF: 19367.3/40

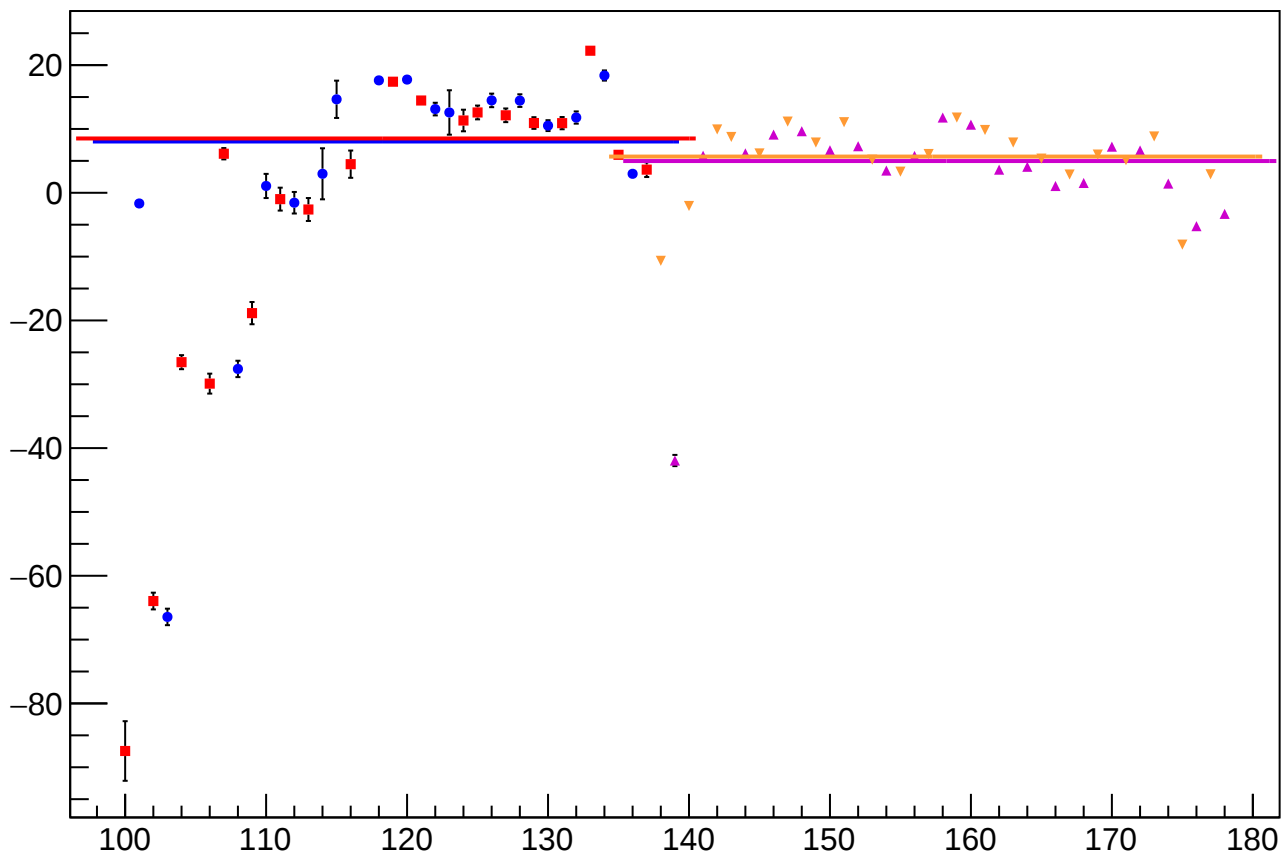
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 11.640 $\pm$ 0.112 χ^2 /NDF:10067.2/19

Out: 11.025 $\pm$ 0.113 χ^2 /NDF:9285.1/20

All: 11.335 $\pm$ 0.080 χ^2 /NDF: 19367.3/40

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 5.673 ± 0.084 $\chi^2/\text{NDF}: 4057.0/20$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

Left In: 4.972 ± 0.086 $\chi^2/\text{NDF}: 5316.3/19$

Left: 5.328 ± 0.060 $\chi^2/\text{NDF}: 9407.4/40$

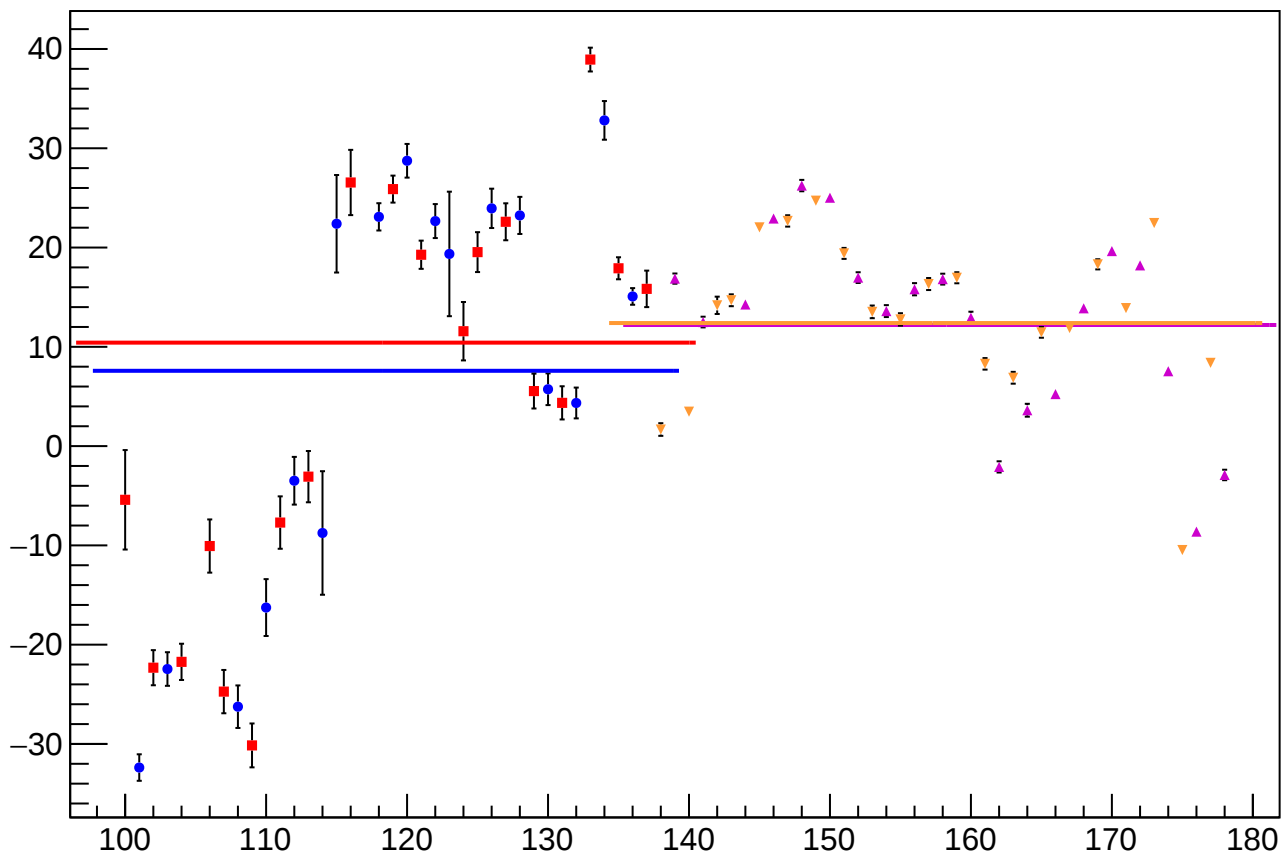
Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

In: 5.390 ± 0.080 $\chi^2/\text{NDF}: 10861.4/36$

Out: 6.056 ± 0.078 $\chi^2/\text{NDF}: 10923.7/39$

All: 5.728 ± 0.056 $\chi^2/\text{NDF}: 21820.7/76$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 12.396 ± 0.113 $\chi^2/\text{NDF}: 7164.6/20$

Right Out: 10.422 ± 0.416 $\chi^2/\text{NDF}: 2289.5/18$

Left In: 12.199 ± 0.112 $\chi^2/\text{NDF}: 7950.2/19$

Left: 12.296 ± 0.079 $\chi^2/\text{NDF}: 15116.4/40$

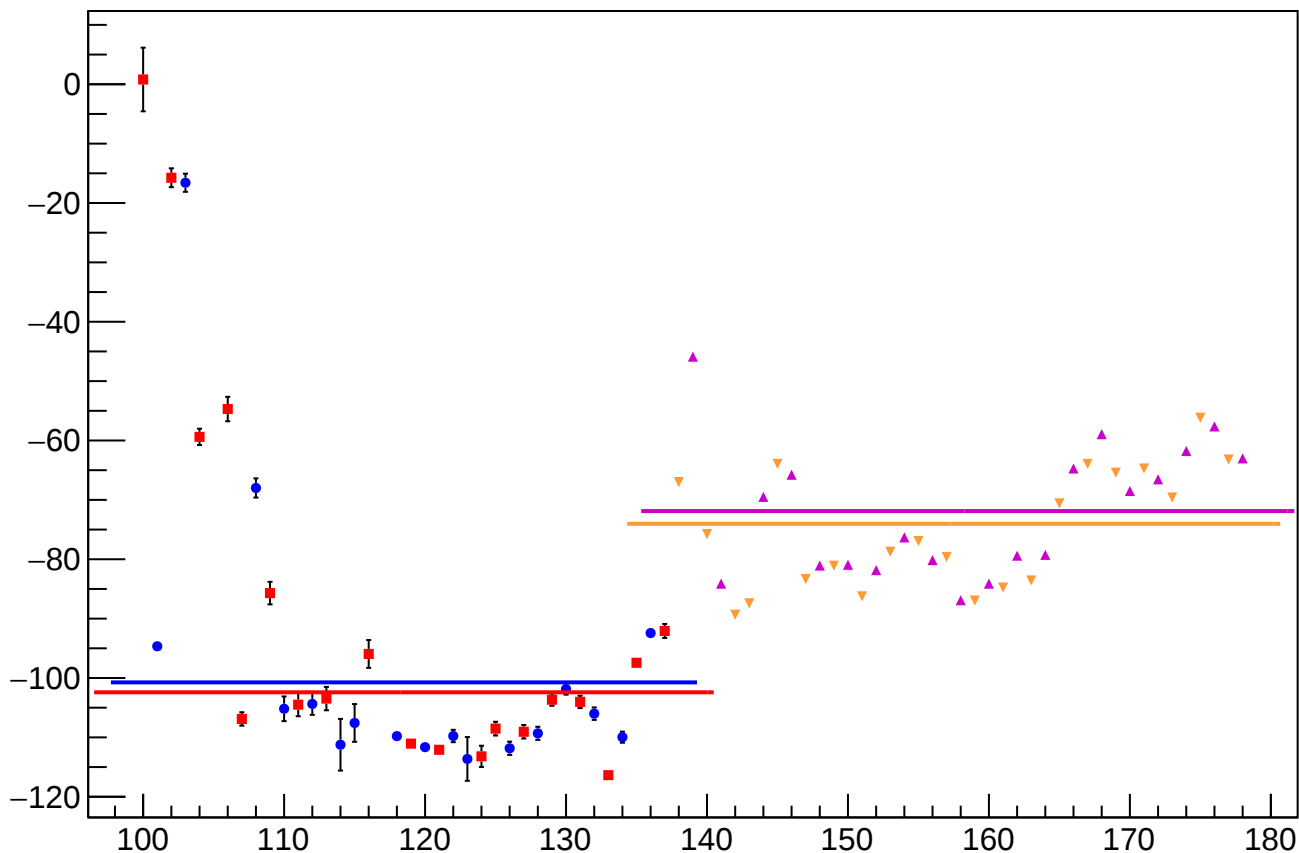
Right: 9.004 ± 0.294 $\chi^2/\text{NDF}: 4635.5/35$

In: 11.889 ± 0.108 $\chi^2/\text{NDF}: 10387.5/36$

Out: 12.261 ± 0.109 $\chi^2/\text{NDF}: 9475.1/39$

All: 12.073 ± 0.077 $\chi^2/\text{NDF}: 19868.5/76$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -74.028 ± 0.096 $\chi^2/\text{NDF}: 10675.3/20$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -71.881 ± 0.097 $\chi^2/\text{NDF}: 9846.2/19$

Left: -72.966 ± 0.068 $\chi^2/\text{NDF}: 20767.5/40$

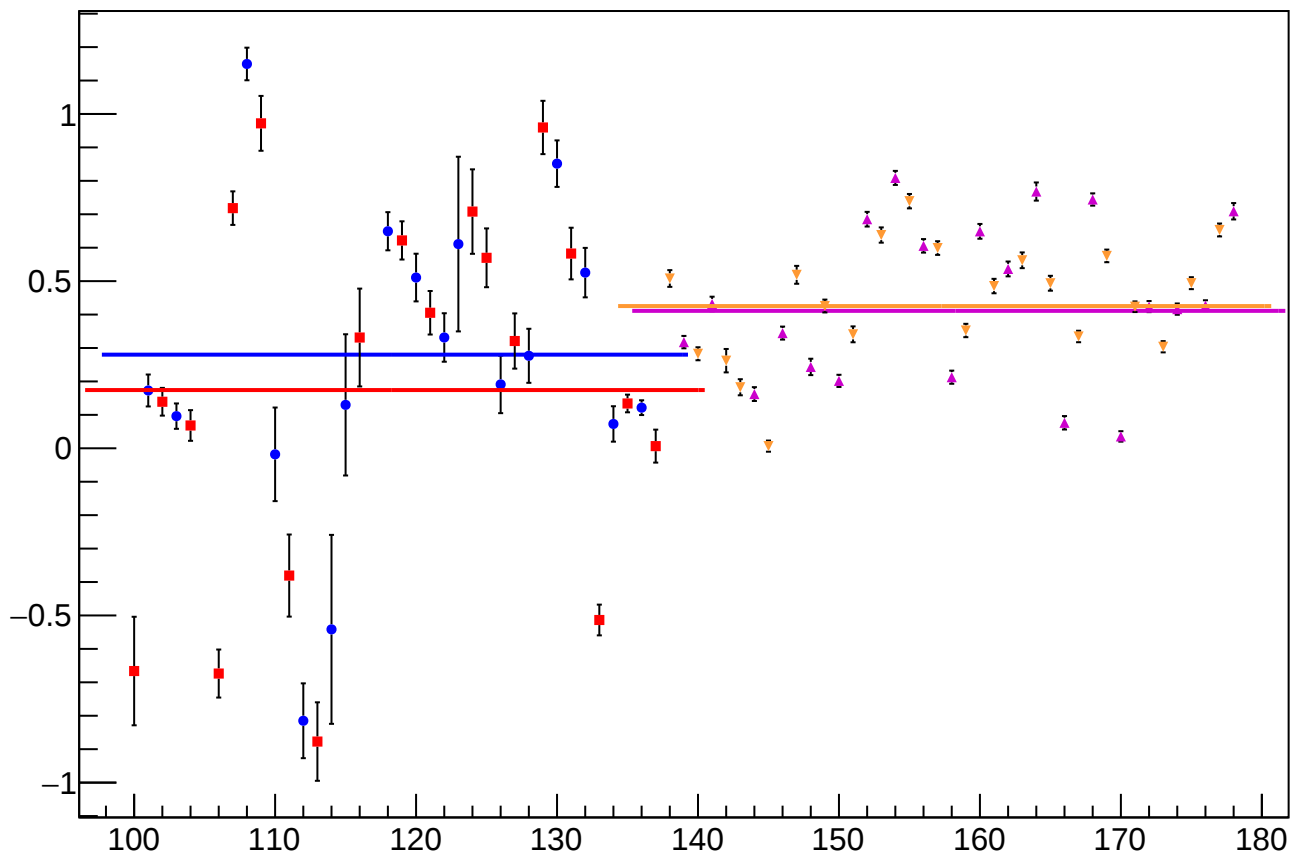
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -75.724 ± 0.091 $\chi^2/\text{NDF}: 26072.5/36$

Out: -77.803 ± 0.090 $\chi^2/\text{NDF}: 28315.5/39$

All: -76.774 ± 0.064 $\chi^2/\text{NDF}: 54654.1/76$

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: 0.425 ± 0.004 χ^2/NDF : 1576.4/20

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.411 ± 0.004 χ^2/NDF : 2720.2/19

Left: 0.418 ± 0.003 χ^2/NDF : 4301.8/40

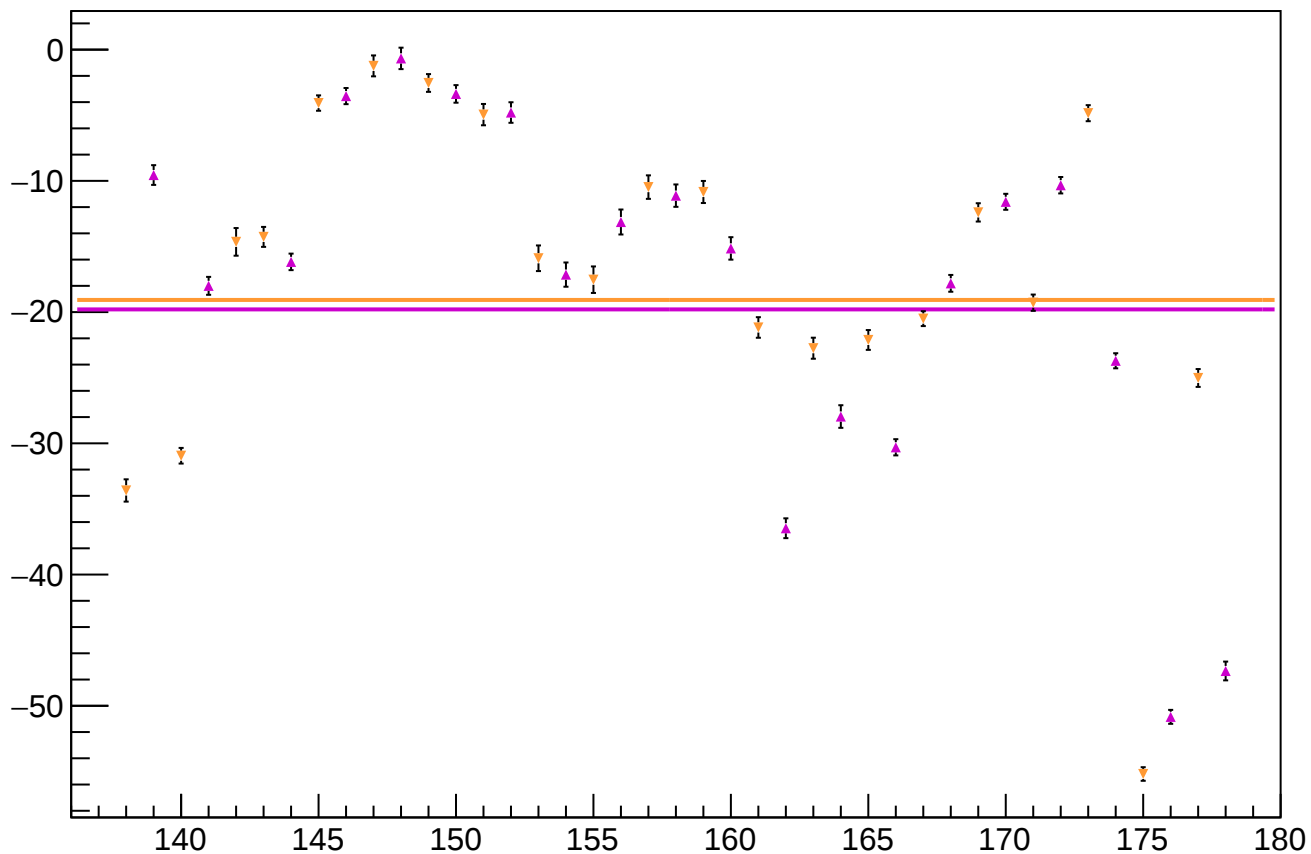
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.398 ± 0.004 χ^2/NDF : 3461.9/36

Out: 0.401 ± 0.004 χ^2/NDF : 2855.5/39

All: 0.400 ± 0.003 χ^2/NDF : 6317.6/76

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: -19.073+/-0.156 χ^2/NDF : 8620.1/20

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

Left In: -19.795+/-0.155 χ^2/NDF : 8865.3/19

Left: -19.436+/-0.110 χ^2/NDF : 17496.2/40

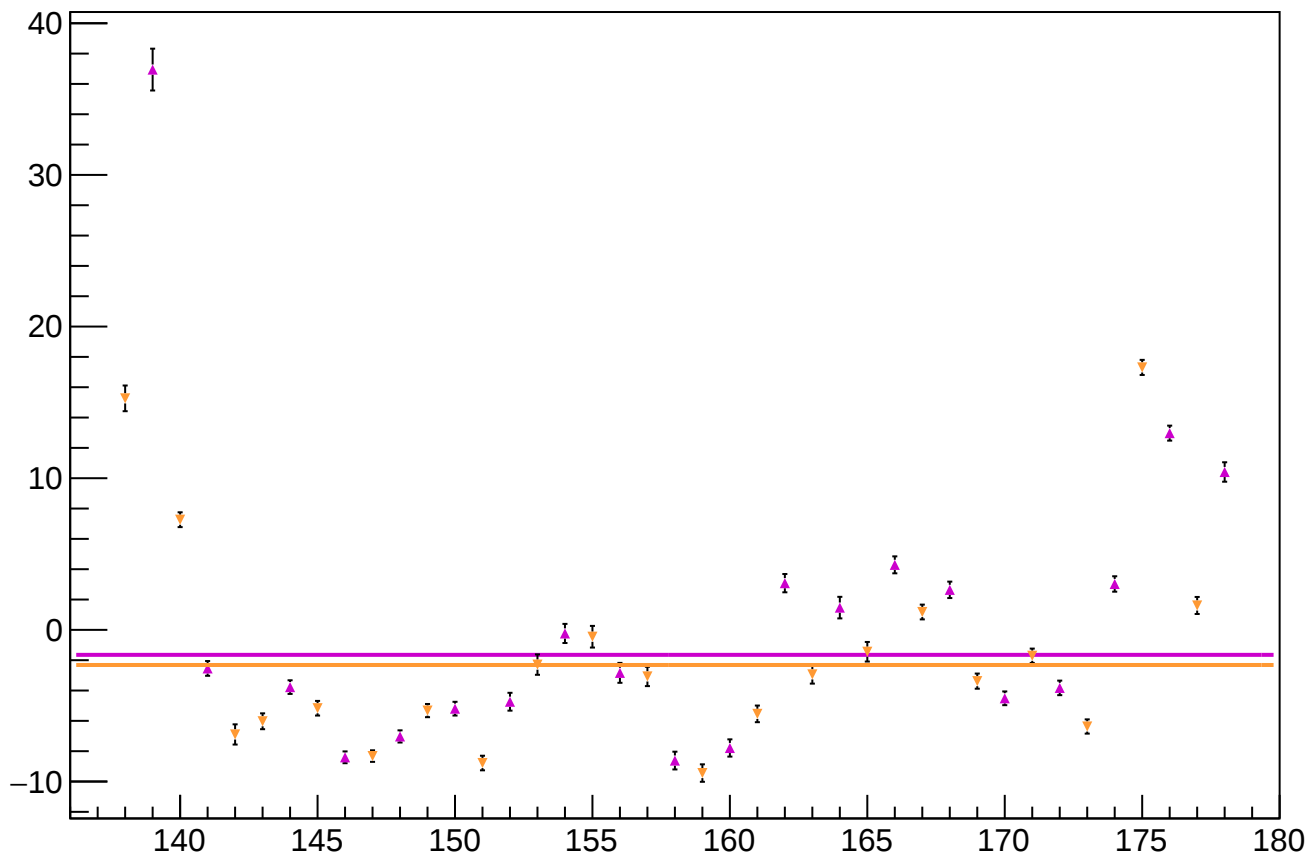
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.795+/-0.155 χ^2/NDF : 8865.3/19

Out: -19.073+/-0.156 χ^2/NDF : 8620.1/20

All: -19.436+/-0.110 χ^2/NDF : 17496.2/40

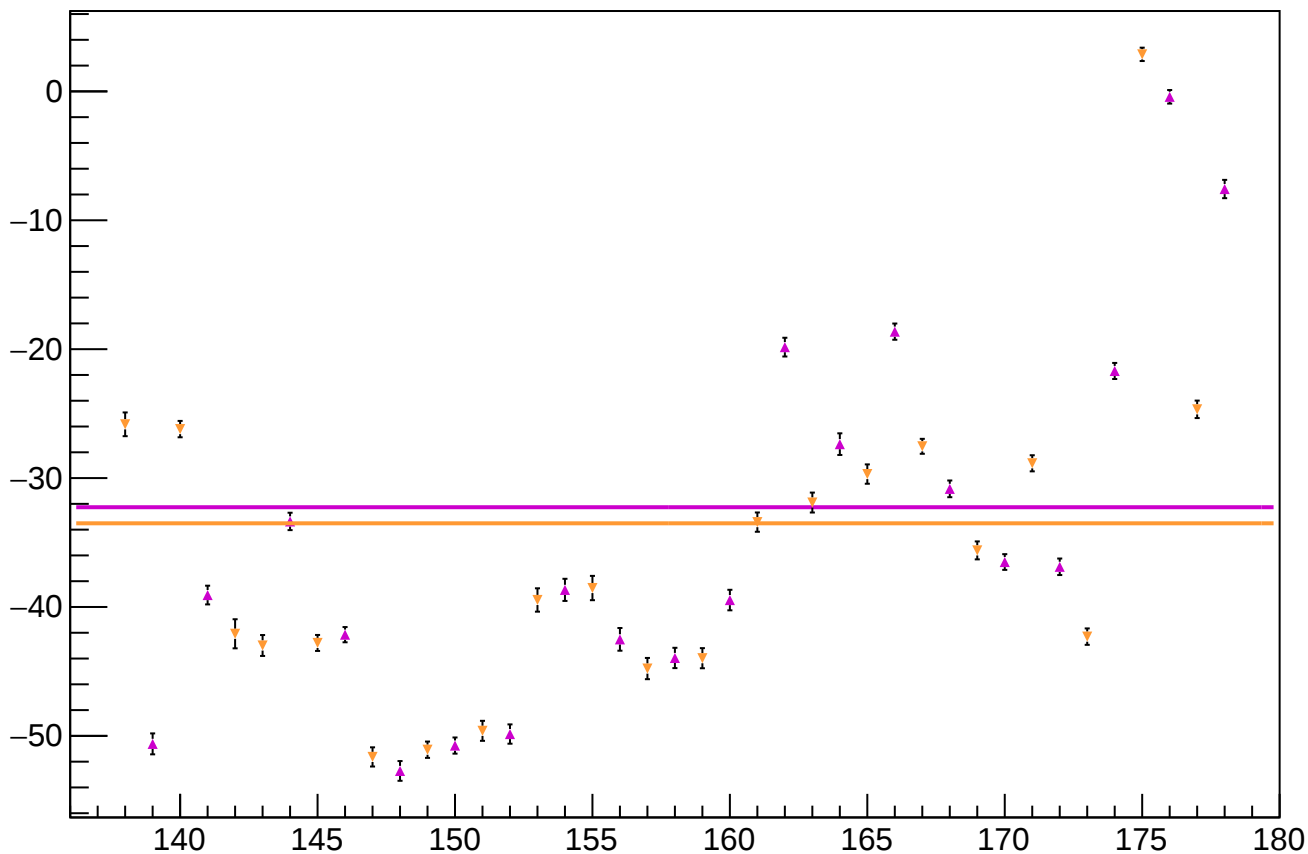
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.316+/-0.116 χ^2/NDF : 3355.1/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.647+/-0.118 χ^2/NDF : 3274.2/19

Left: -1.988+/-0.083 χ^2/NDF : 6645.7/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.647+/-0.118 χ^2/NDF : 3274.2/19
 Out: -2.316+/-0.116 χ^2/NDF : 3355.1/20
 All: -1.988+/-0.083 χ^2/NDF : 6645.7/40

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



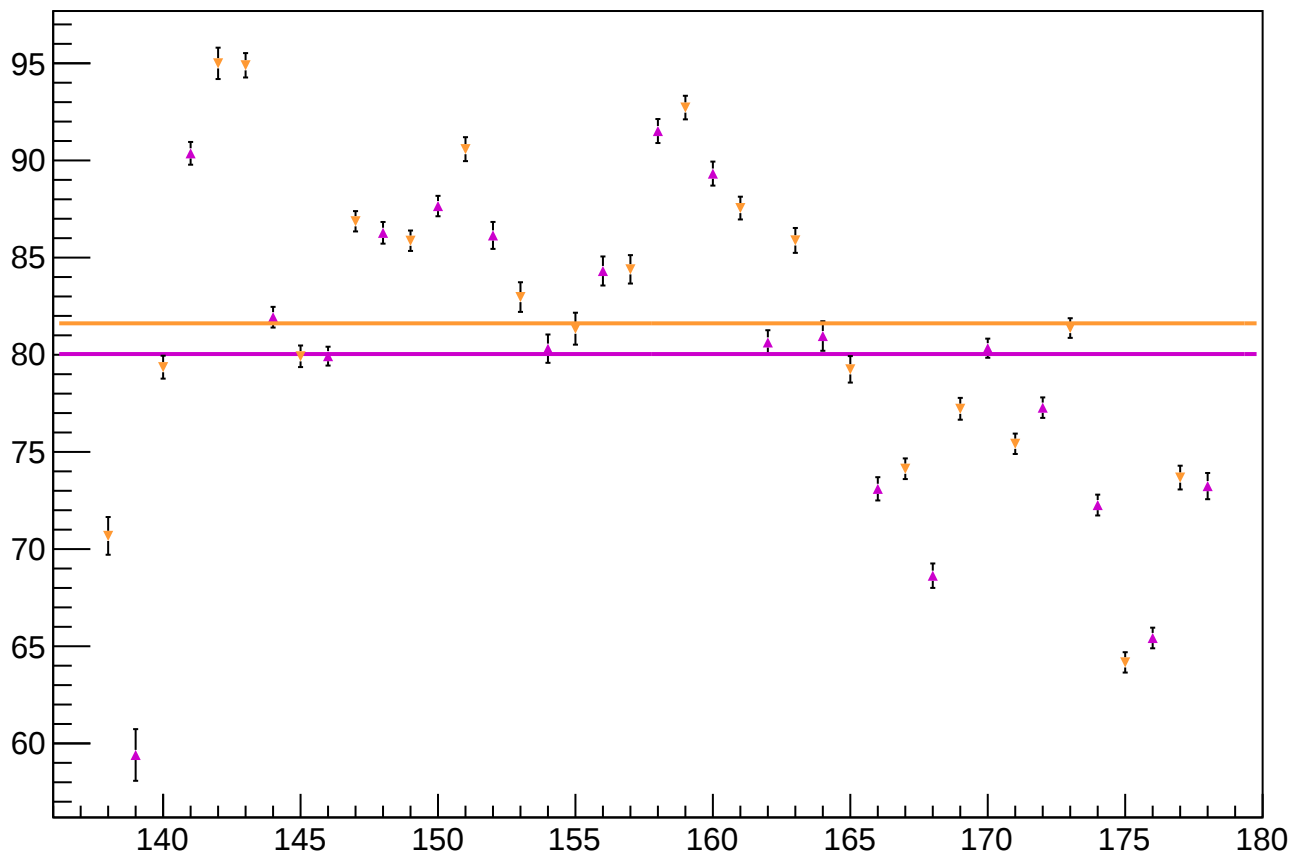
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.509+/-0.156 χ^2/NDF : 8340.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.261+/-0.155 χ^2/NDF : 9577.9/19

Left: -32.880+/-0.110 χ^2/NDF : 17950.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.261+/-0.155 χ^2/NDF : 9577.9/19
 Out: -33.509+/-0.156 χ^2/NDF : 8340.4/20

All: -32.880+/-0.110 χ^2/NDF : 17950.6/40

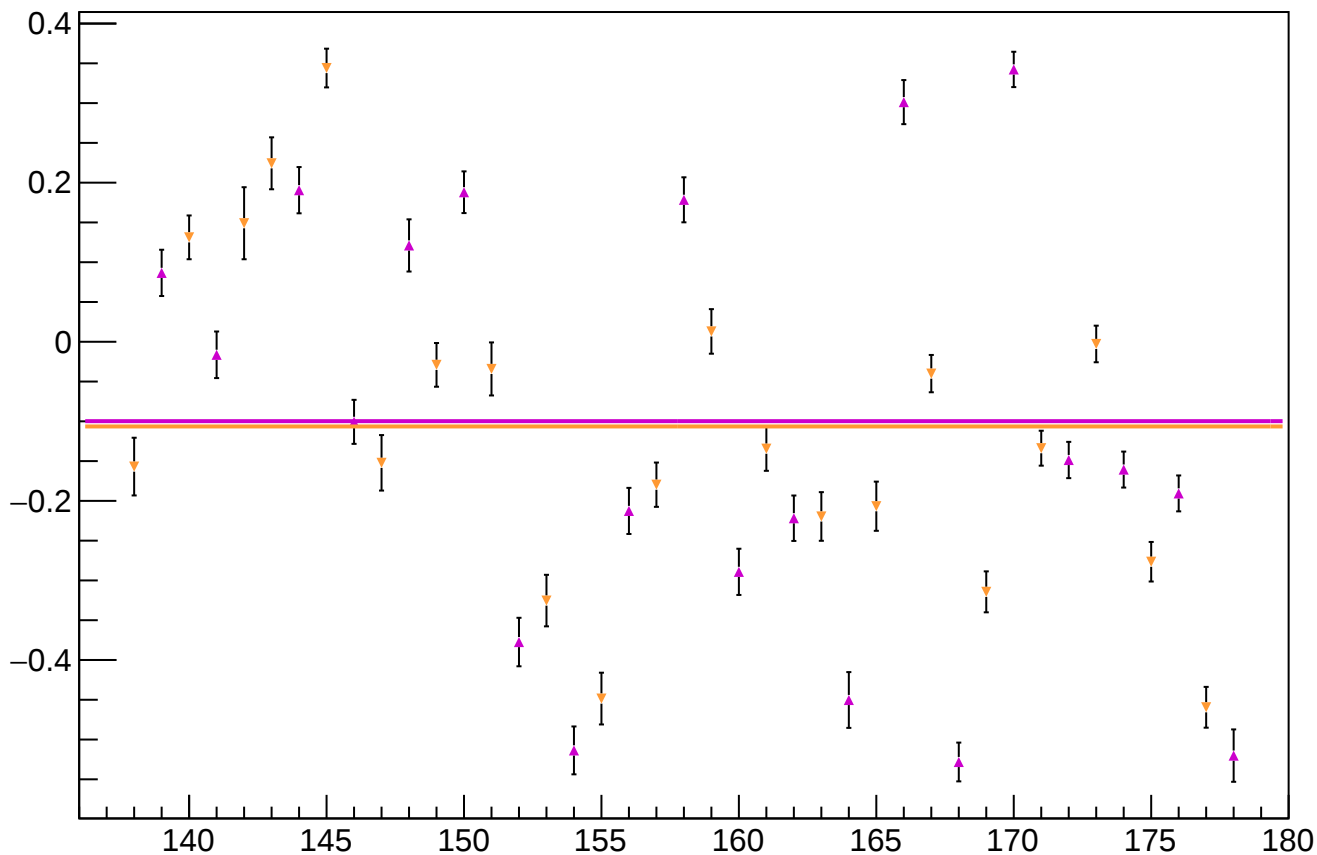
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 81.618+/-0.132 χ^2/NDF :3440.3/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 80.037+/-0.134 χ^2/NDF :3144.4/19

Left: 80.837+/-0.094 χ^2/NDF : 6655.0/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 80.037+/-0.134 χ^2/NDF :3144.4/19
 Out: 81.618+/-0.132 χ^2/NDF :3440.3/20
 All: 80.837+/-0.094 χ^2/NDF : 6655.0/40

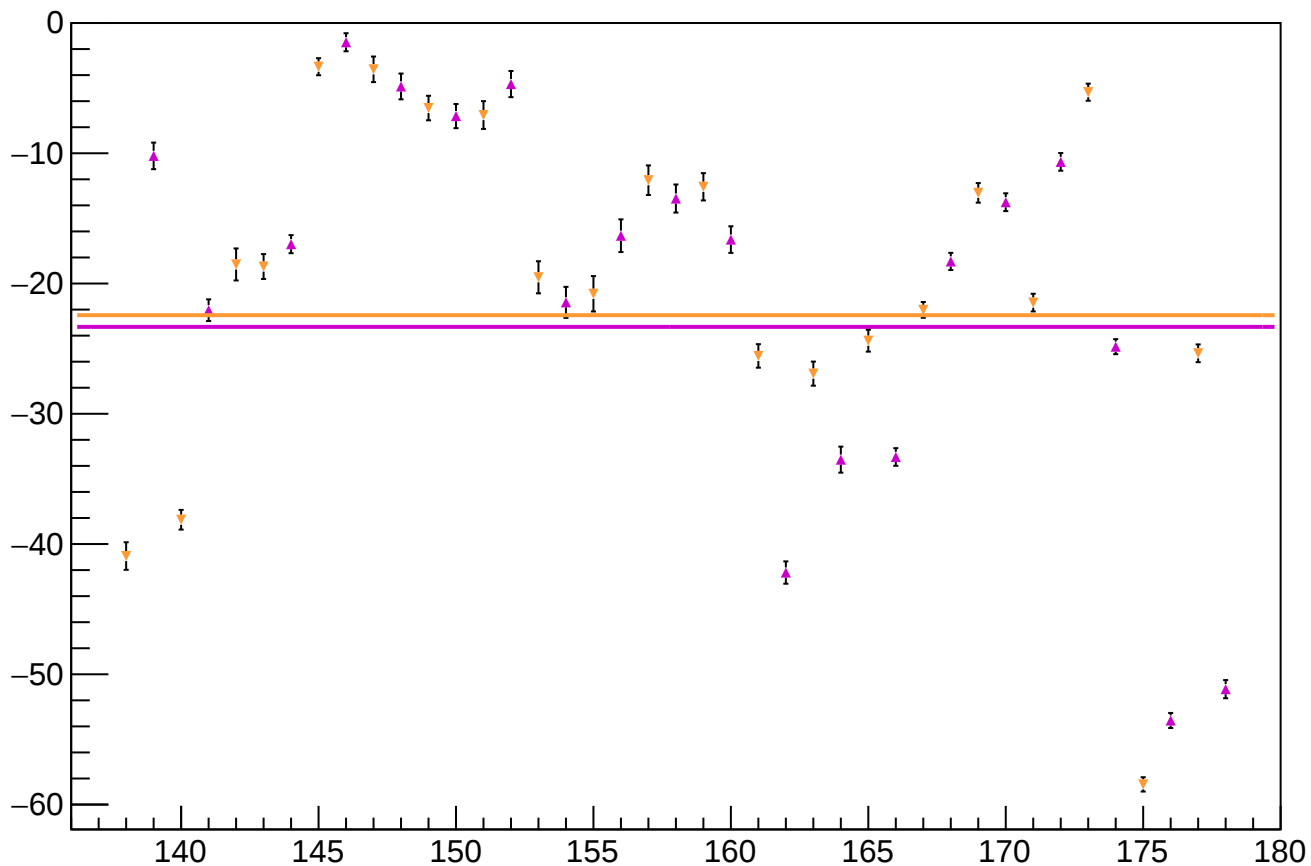
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.106+/-0.006 χ^2/NDF :1105.8/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.100+/-0.006 χ^2/NDF :1965.3/19

Left: -0.103+/-0.004 χ^2/NDF : 3071.7/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.100+/-0.006 χ^2/NDF :1965.3/19
 Out: -0.106+/-0.006 χ^2/NDF :1105.8/20
 All: -0.103+/-0.004 χ^2/NDF : 3071.7/40

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: -22.431+/-0.180 χ^2/NDF : 7853.5/20

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

Left In: -23.327+/-0.176 χ^2/NDF : 8140.8/19

Left: -22.888+/-0.126 χ^2/NDF : 16007.0/40

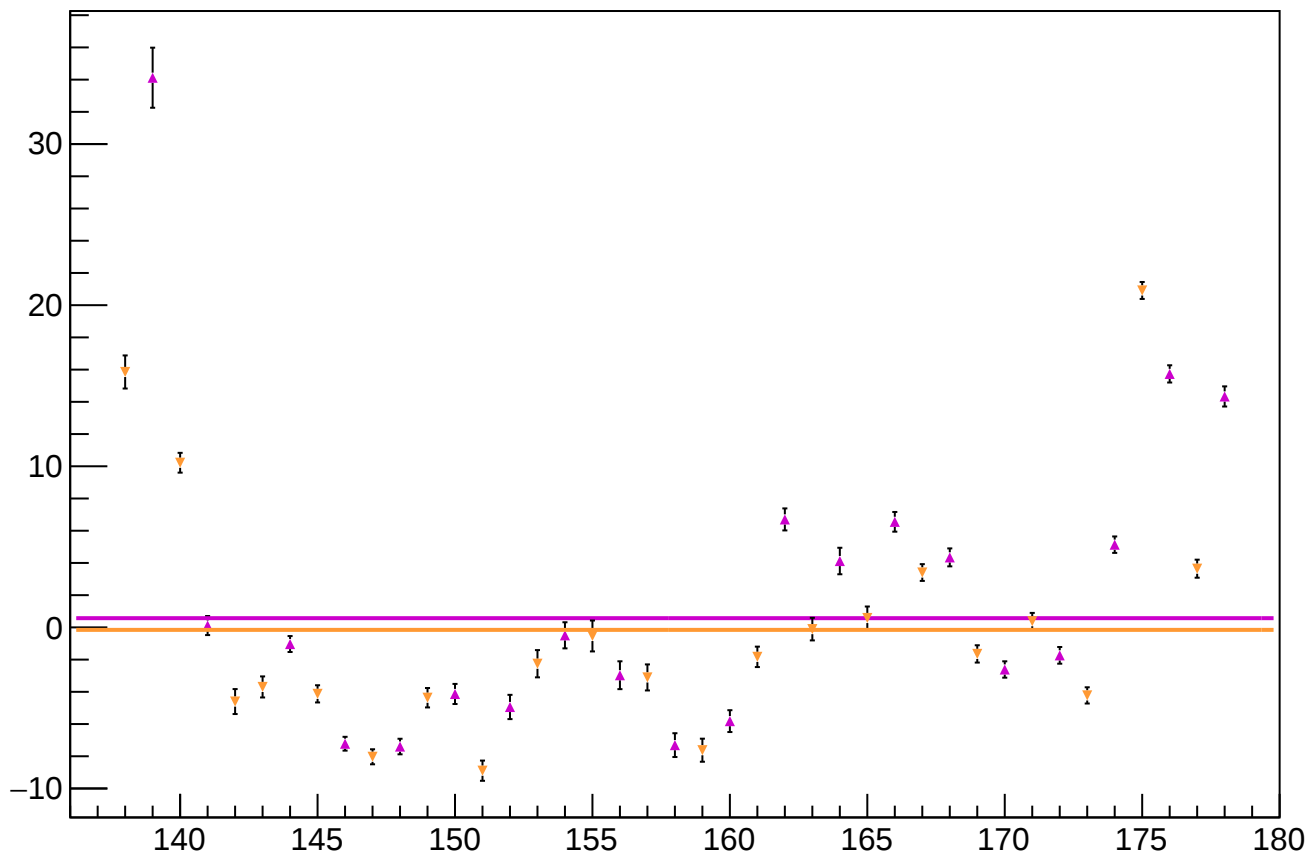
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.327+/-0.176 χ^2/NDF : 8140.8/19

Out: -22.431+/-0.180 χ^2/NDF : 7853.5/20

All: -22.888+/-0.126 χ^2/NDF : 16007.0/40

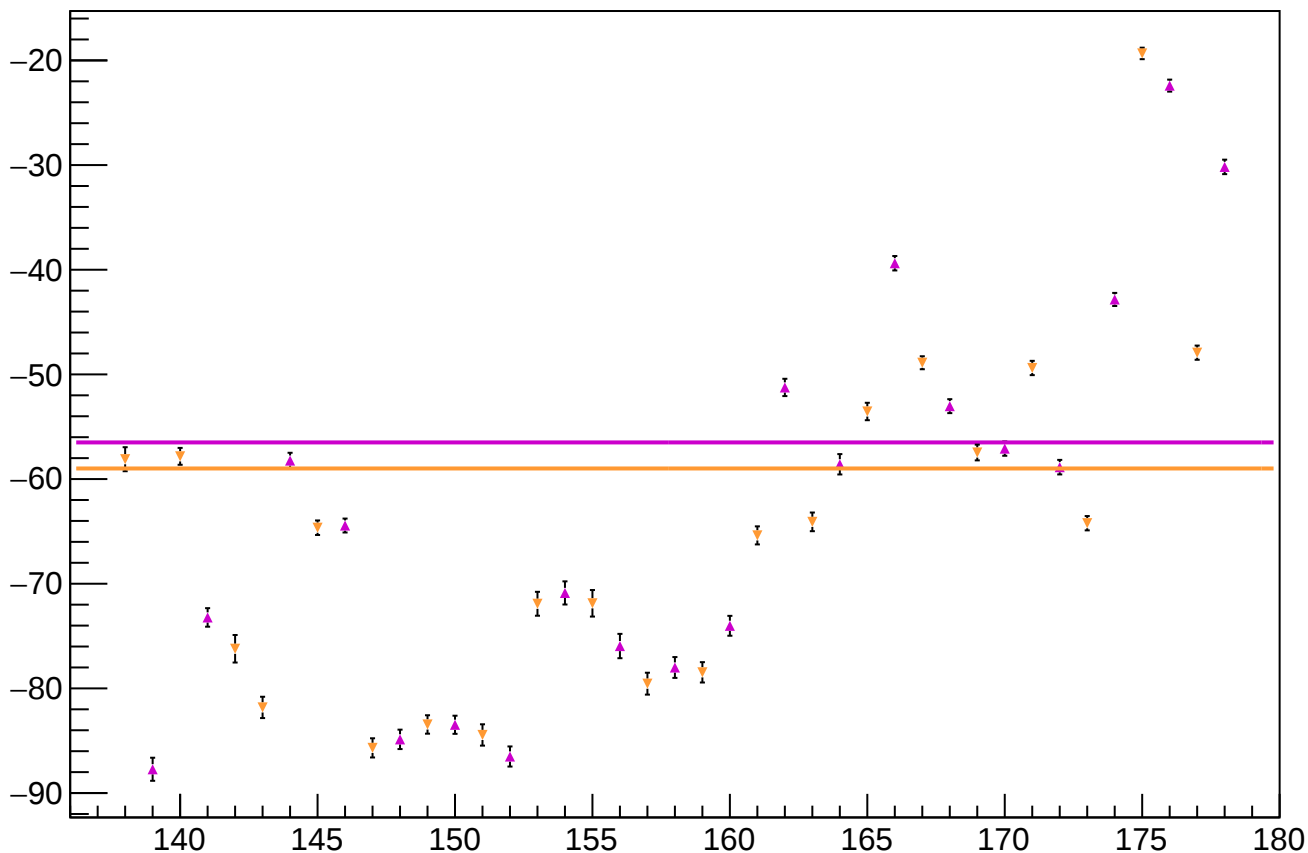
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.155+/-0.135 χ^2 /NDF:3077.6/20
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.572+/-0.135 χ^2 /NDF:2936.3/19

Left: 0.209+/-0.095 χ^2 /NDF: 6028.5/40
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 0.572+/-0.135 χ^2 /NDF:2936.3/19
 Out: -0.155+/-0.135 χ^2 /NDF:3077.6/20
 All: 0.209+/-0.095 χ^2 /NDF: 6028.5/40

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -58.989+/-0.180 χ^2/NDF :10125.7/20

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

Left In: -56.500+/-0.176 χ^2/NDF :11610.2/19

Left: -57.718+/-0.126 χ^2/NDF : 21833.6/40

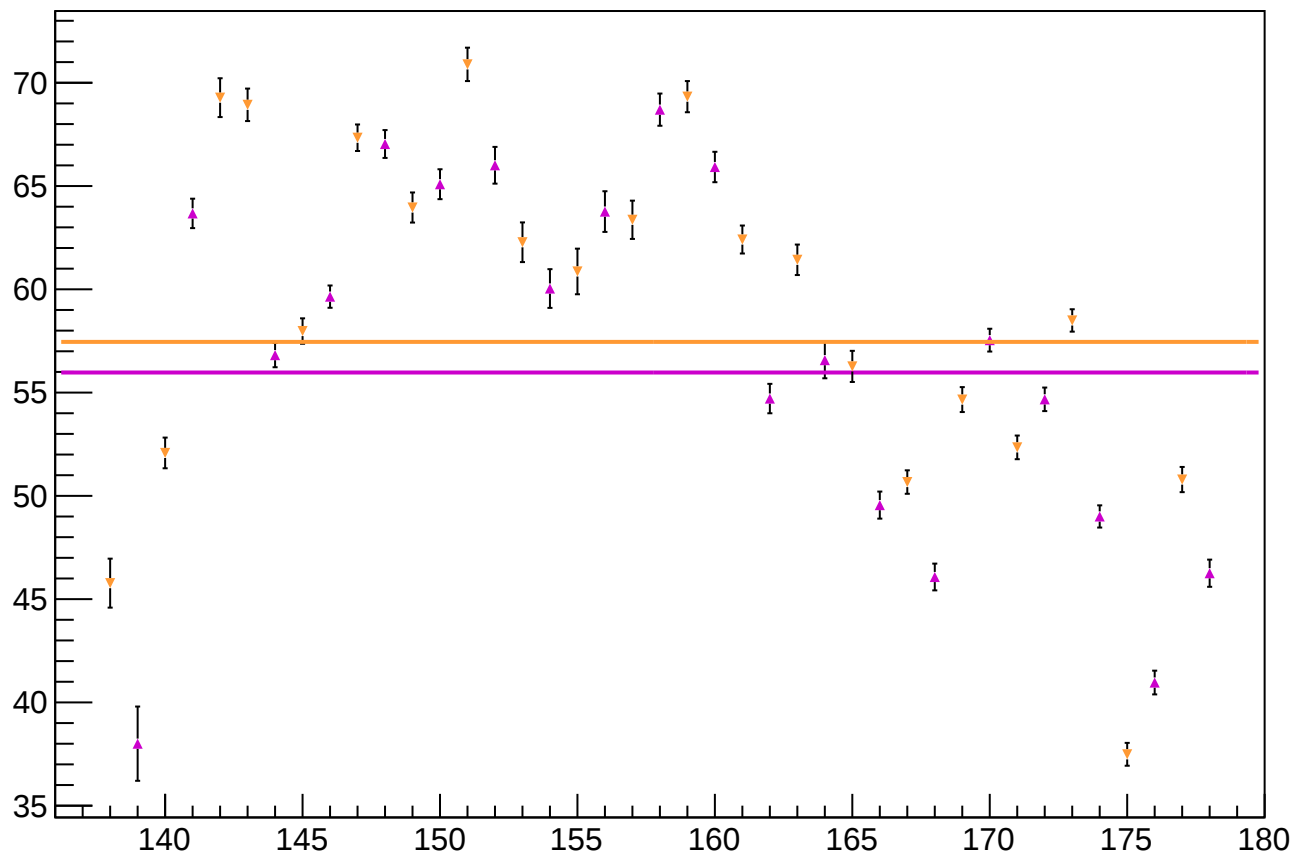
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.500+/-0.176 χ^2/NDF :11610.2/19

Out: -58.989+/-0.180 χ^2/NDF :10125.7/20

All: -57.718+/-0.126 χ^2/NDF : 21833.6/40

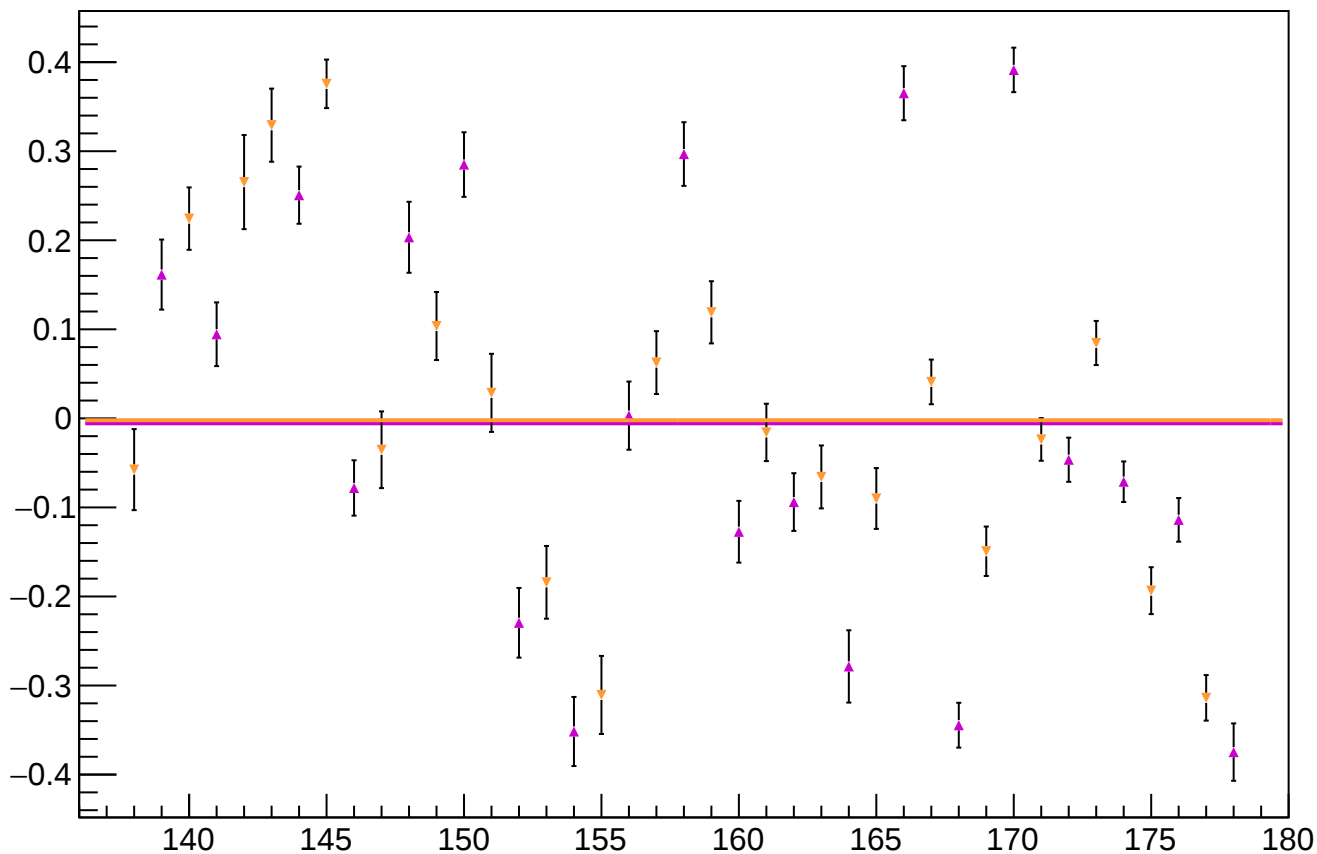
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 57.455 $\pm$ 0.153 χ^2 /NDF:3190.6/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 55.972 $\pm$ 0.153 χ^2 /NDF:2765.3/19

Left: 56.712 $\pm$ 0.108 χ^2 /NDF: 6002.8/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 55.972 $\pm$ 0.153 χ^2 /NDF:2765.3/19
 Out: 57.455 $\pm$ 0.153 χ^2 /NDF:3190.6/20
 All: 56.712 $\pm$ 0.108 χ^2 /NDF: 6002.8/40

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: -0.002 $\pm$ 0.007 χ^2 /NDF:675.2/20

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

Left In: -0.006 $\pm$ 0.007 χ^2 /NDF:1180.2/19

Left: -0.004 $\pm$ 0.005 χ^2 /NDF: 1855.6/40

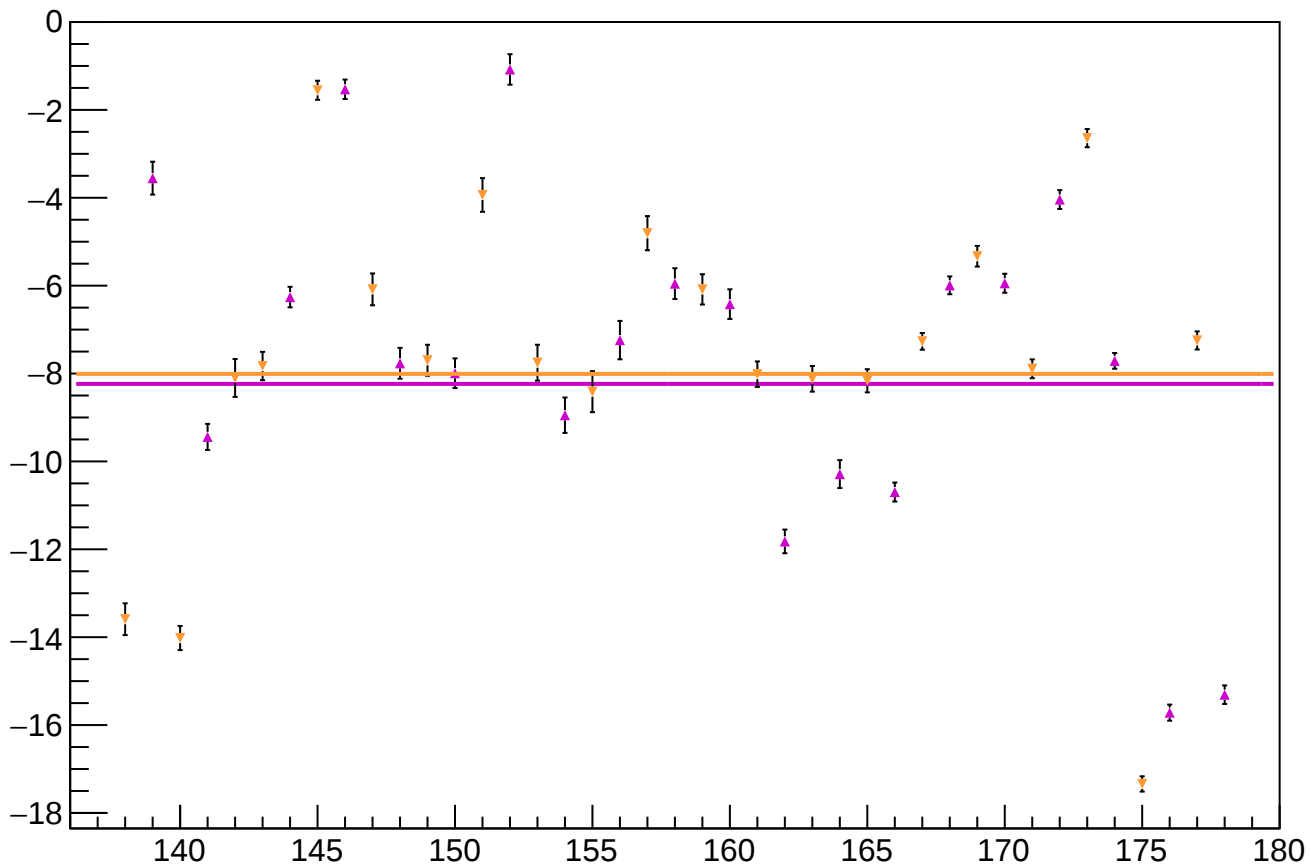
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.006 $\pm$ 0.007 χ^2 /NDF:1180.2/19

Out: -0.002 $\pm$ 0.007 χ^2 /NDF:675.2/20

All: -0.004 $\pm$ 0.005 χ^2 /NDF: 1855.6/40

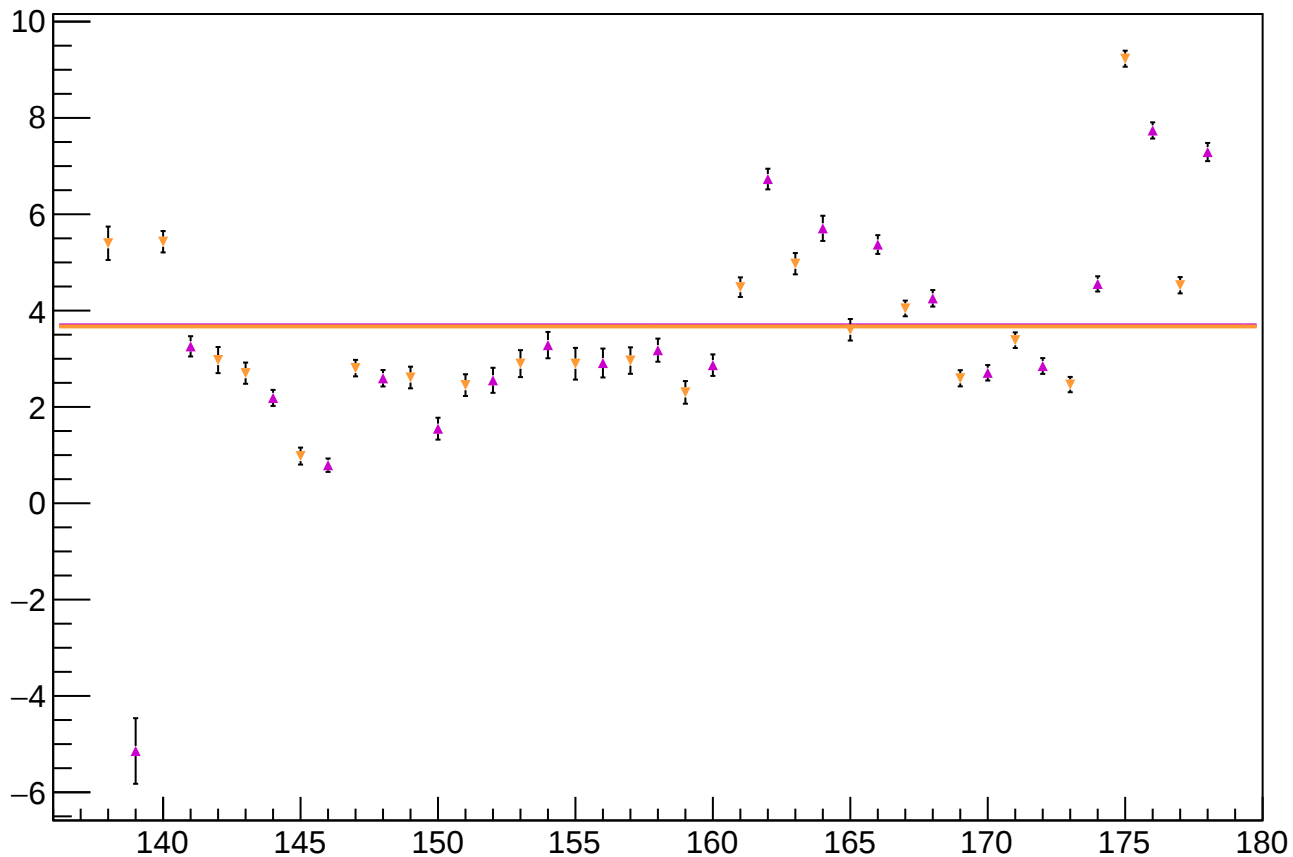
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.008 $\pm$ 0.059 χ^2 /NDF:5549.1/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.236 $\pm$ 0.057 χ^2 /NDF:5442.7/19

Left: -8.125 $\pm$ 0.041 χ^2 /NDF: 10999.6/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.236 $\pm$ 0.057 χ^2 /NDF:5442.7/19
 Out: -8.008 $\pm$ 0.059 χ^2 /NDF:5549.1/20
 All: -8.125 $\pm$ 0.041 χ^2 /NDF: 10999.6/40

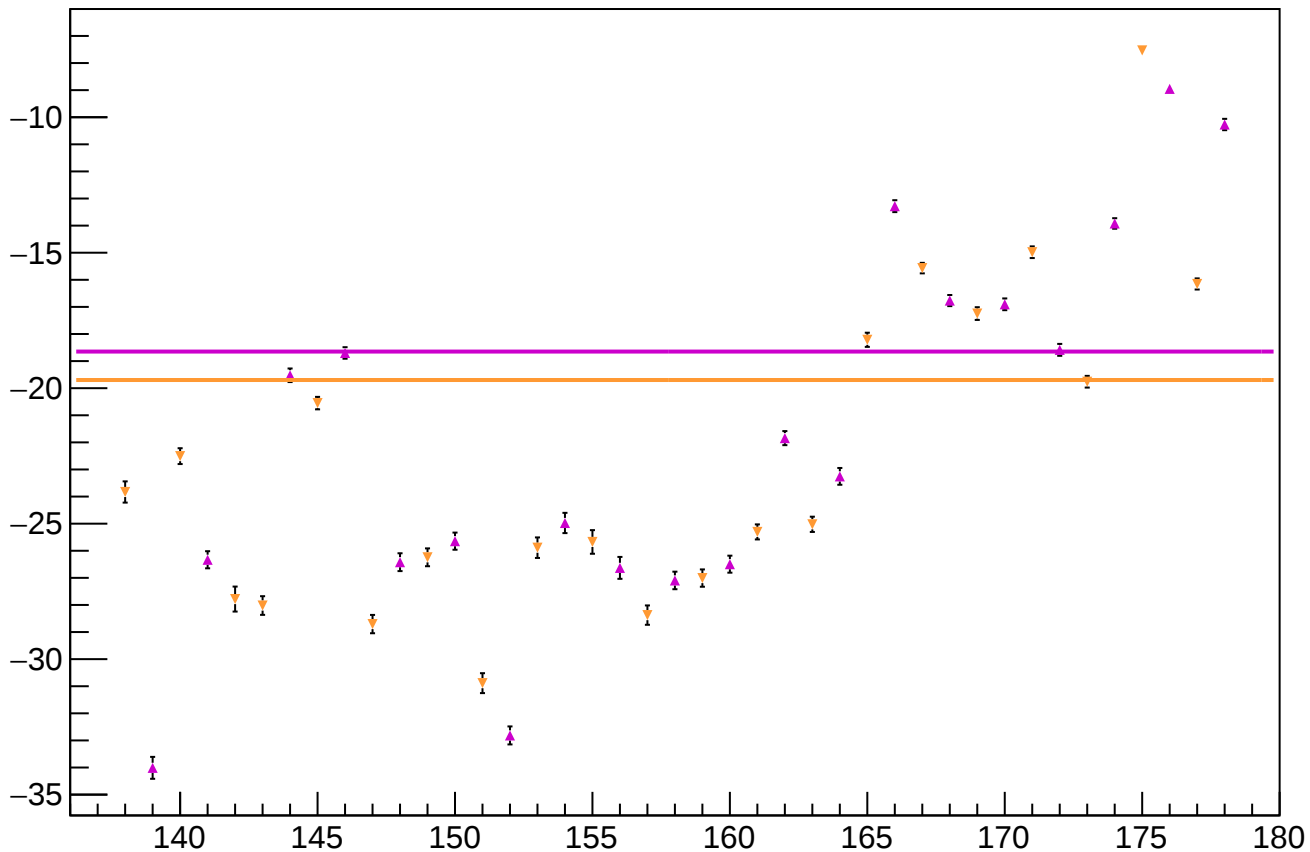
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.672+/-0.044 χ^2/NDF :1771.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.693+/-0.044 χ^2/NDF :2242.6/19

Left: 3.682+/-0.031 χ^2/NDF : 4014.3/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.693+/-0.044 χ^2/NDF :2242.6/19
 Out: 3.672+/-0.044 χ^2/NDF :1771.5/20
 All: 3.682+/-0.031 χ^2/NDF : 4014.3/40

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: -19.698+/-0.059 χ^2/NDF :11706.2/20

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

Left In: -18.648+/-0.057 χ^2/NDF :13073.1/19

Left: -19.158+/-0.041 χ^2/NDF : 24943.6/40

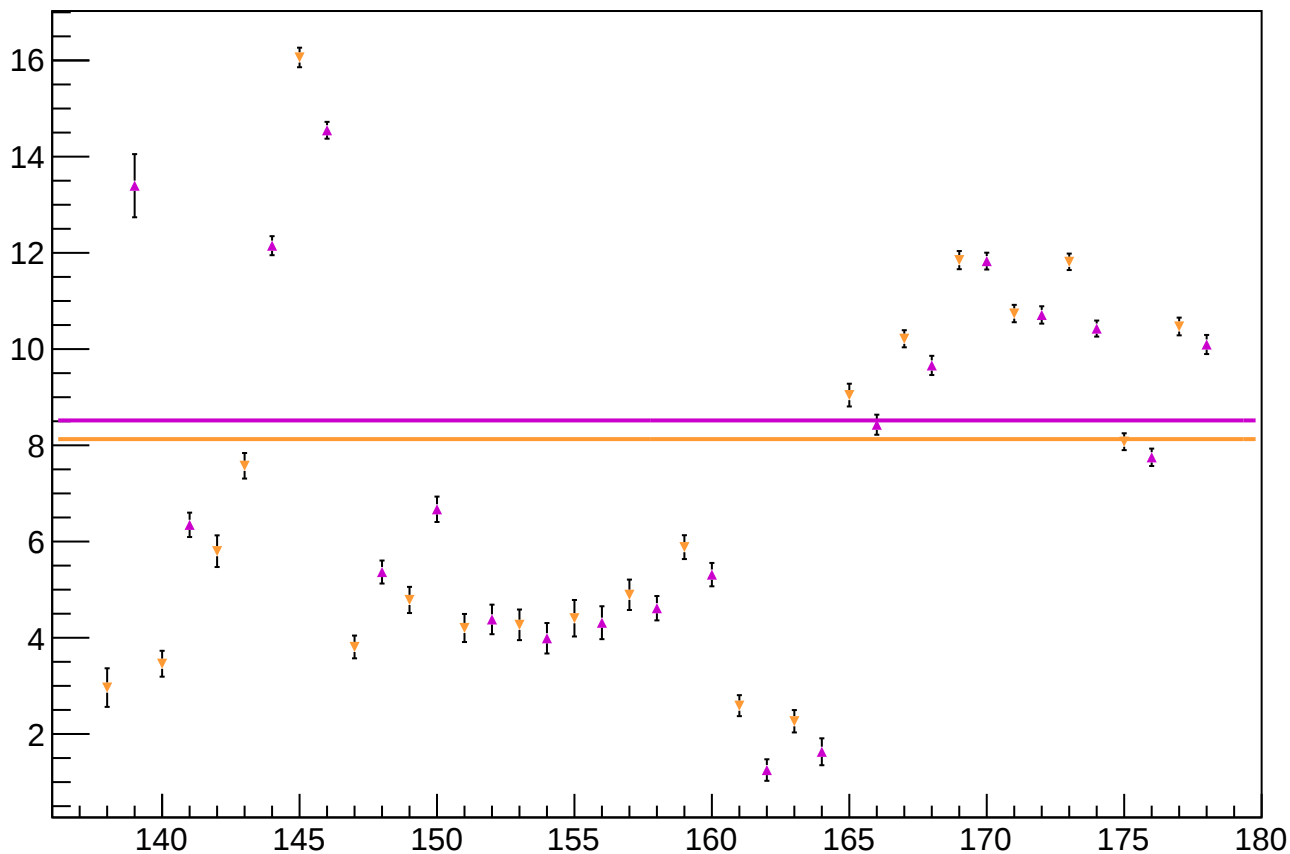
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.648+/-0.057 χ^2/NDF :13073.1/19

Out: -19.698+/-0.059 χ^2/NDF :11706.2/20

All: -19.158+/-0.041 χ^2/NDF : 24943.6/40

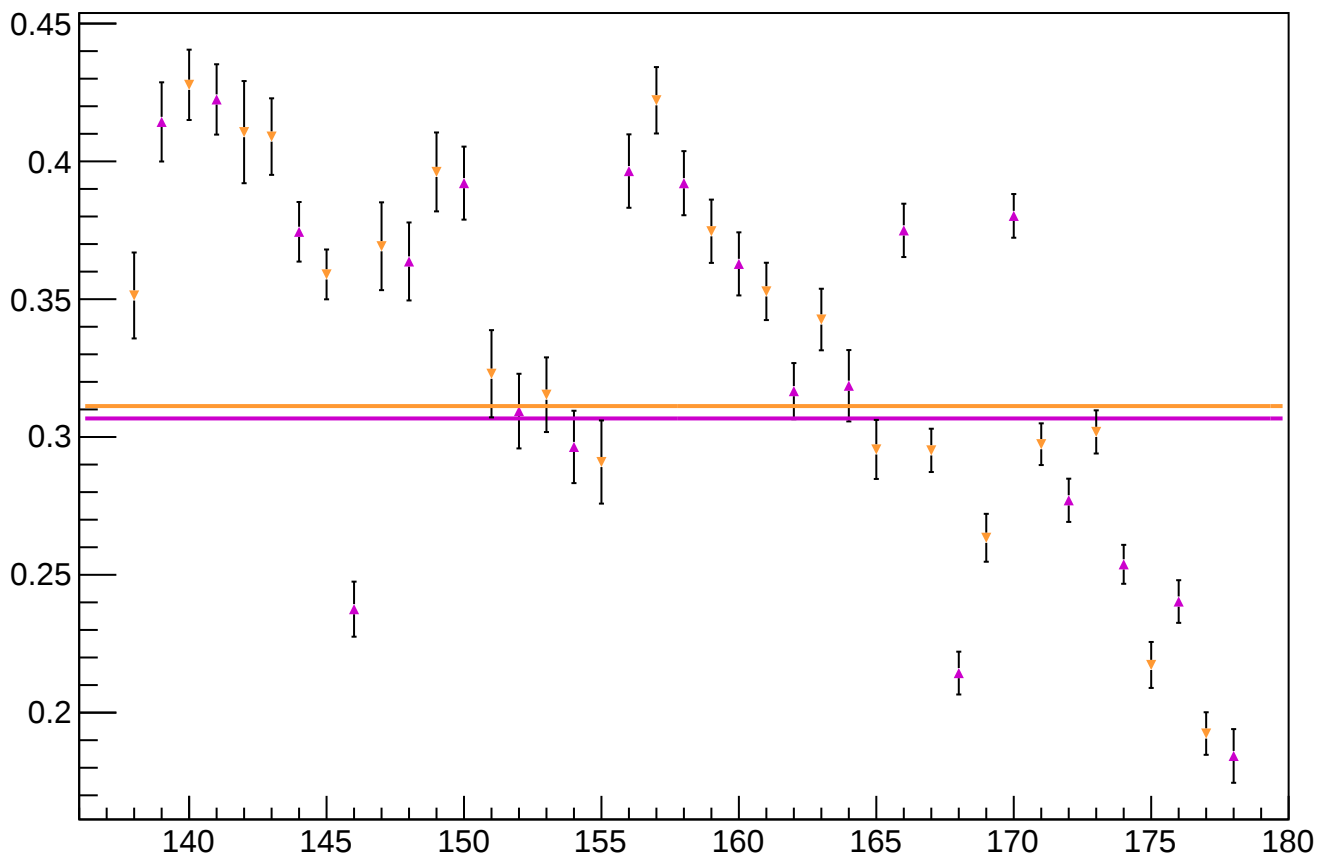
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.129+/-0.050 χ^2/NDF :5797.2/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.517+/-0.050 χ^2/NDF :5240.4/19

Left: 8.325+/-0.035 χ^2/NDF : 11067.9/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.517+/-0.050 χ^2/NDF :5240.4/19
 Out: 8.129+/-0.050 χ^2/NDF :5797.2/20
 All: 8.325+/-0.035 χ^2/NDF : 11067.9/40

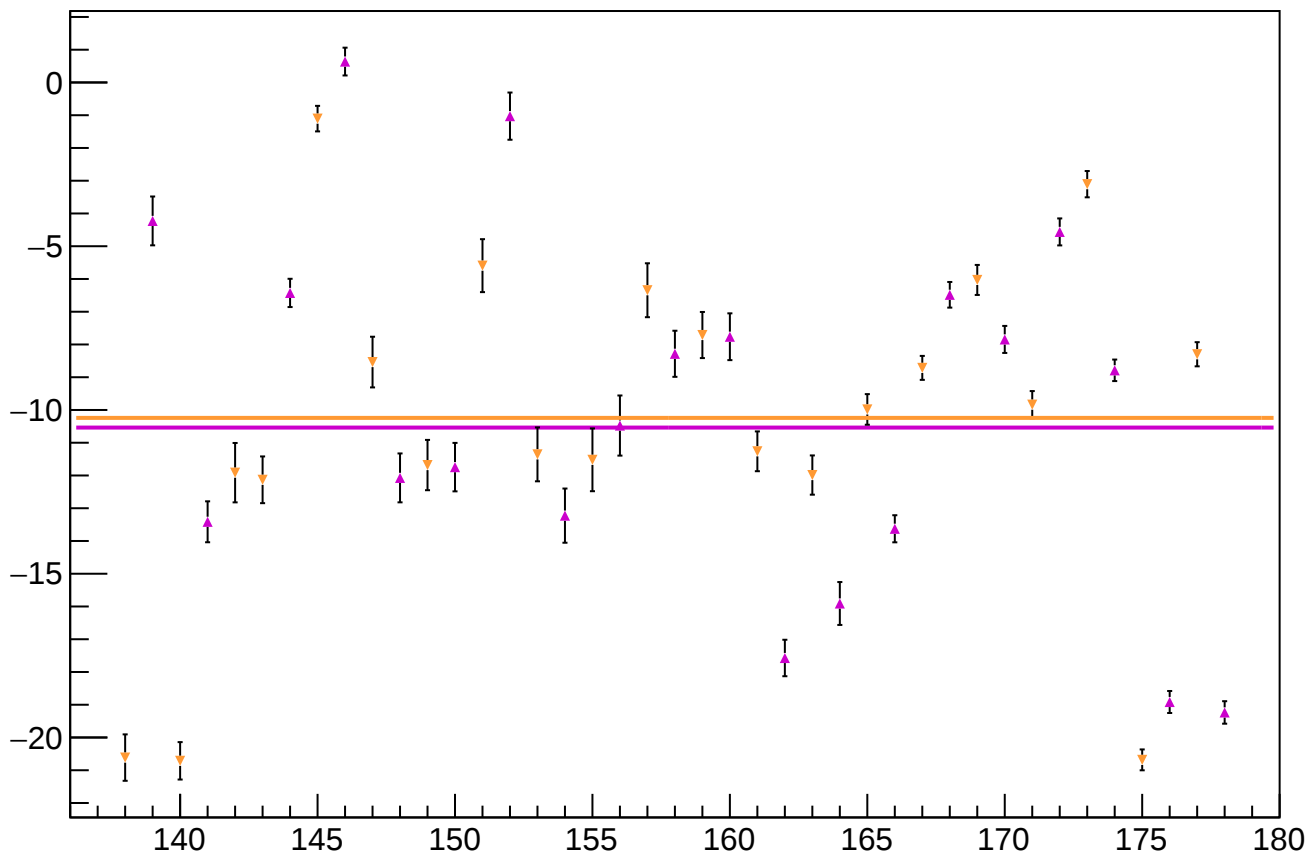
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.311 $\pm$ 0.002 χ^2 /NDF:791.3/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:988.3/19

Left: 0.309 $\pm$ 0.002 χ^2 /NDF: 1781.5/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.307 $\pm$ 0.002 χ^2 /NDF:988.3/19
 Out: 0.311 $\pm$ 0.002 χ^2 /NDF:791.3/20
 All: 0.309 $\pm$ 0.002 χ^2 /NDF: 1781.5/40

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.241 $\pm$ 0.114 χ^2/NDF :2721.3/20

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

Left In: -10.537 $\pm$ 0.109 χ^2/NDF :3029.4/19

Left: -10.395 $\pm$ 0.079 χ^2/NDF : 5754.2/40

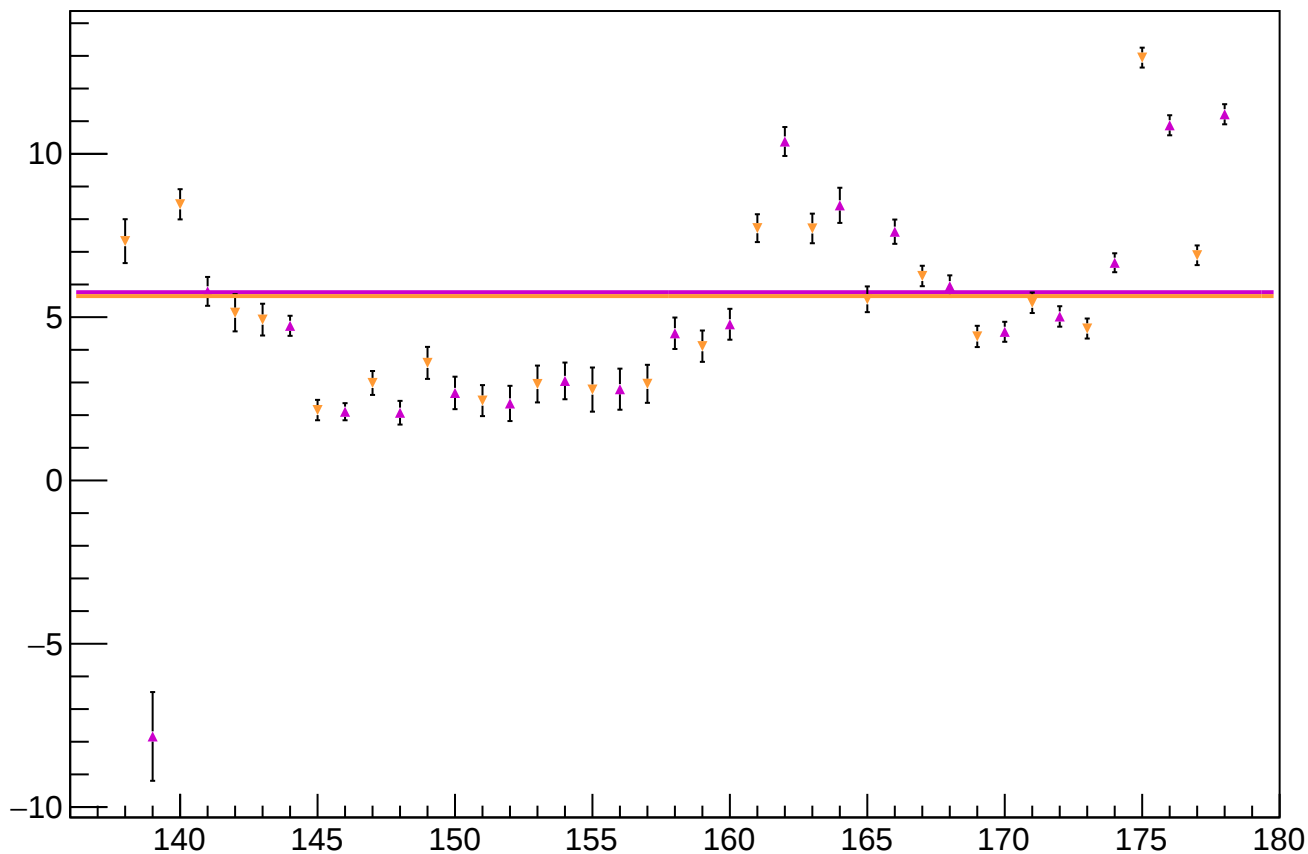
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -10.537 $\pm$ 0.109 χ^2/NDF :3029.4/19

Out: -10.241 $\pm$ 0.114 χ^2/NDF :2721.3/20

All: -10.395 $\pm$ 0.079 χ^2/NDF : 5754.2/40

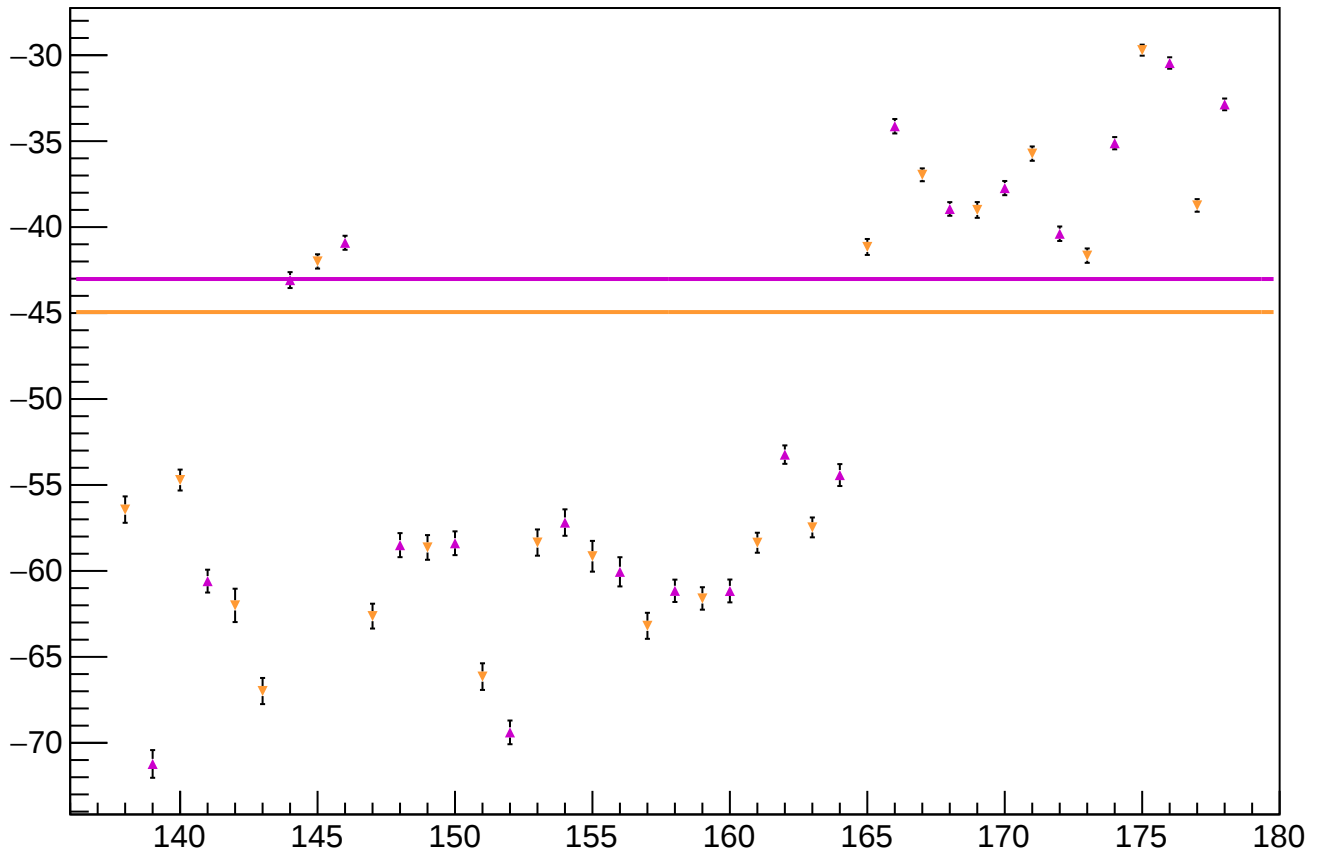
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.645 $\pm$ 0.087 χ^2 /NDF:1025.1/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.764 $\pm$ 0.085 χ^2 /NDF:1323.8/19

Left: 5.706 $\pm$ 0.061 χ^2 /NDF: 2349.8/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.764 $\pm$ 0.085 χ^2 /NDF:1323.8/19
 Out: 5.645 $\pm$ 0.087 χ^2 /NDF:1025.1/20
 All: 5.706 $\pm$ 0.061 χ^2 /NDF: 2349.8/40

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: -44.942+/-0.114 χ^2/NDF :9981.5/20

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

Left In: -43.020+/-0.109 χ^2/NDF :10906.6/19

Left: -43.941+/-0.079 χ^2/NDF : 21035.8/40

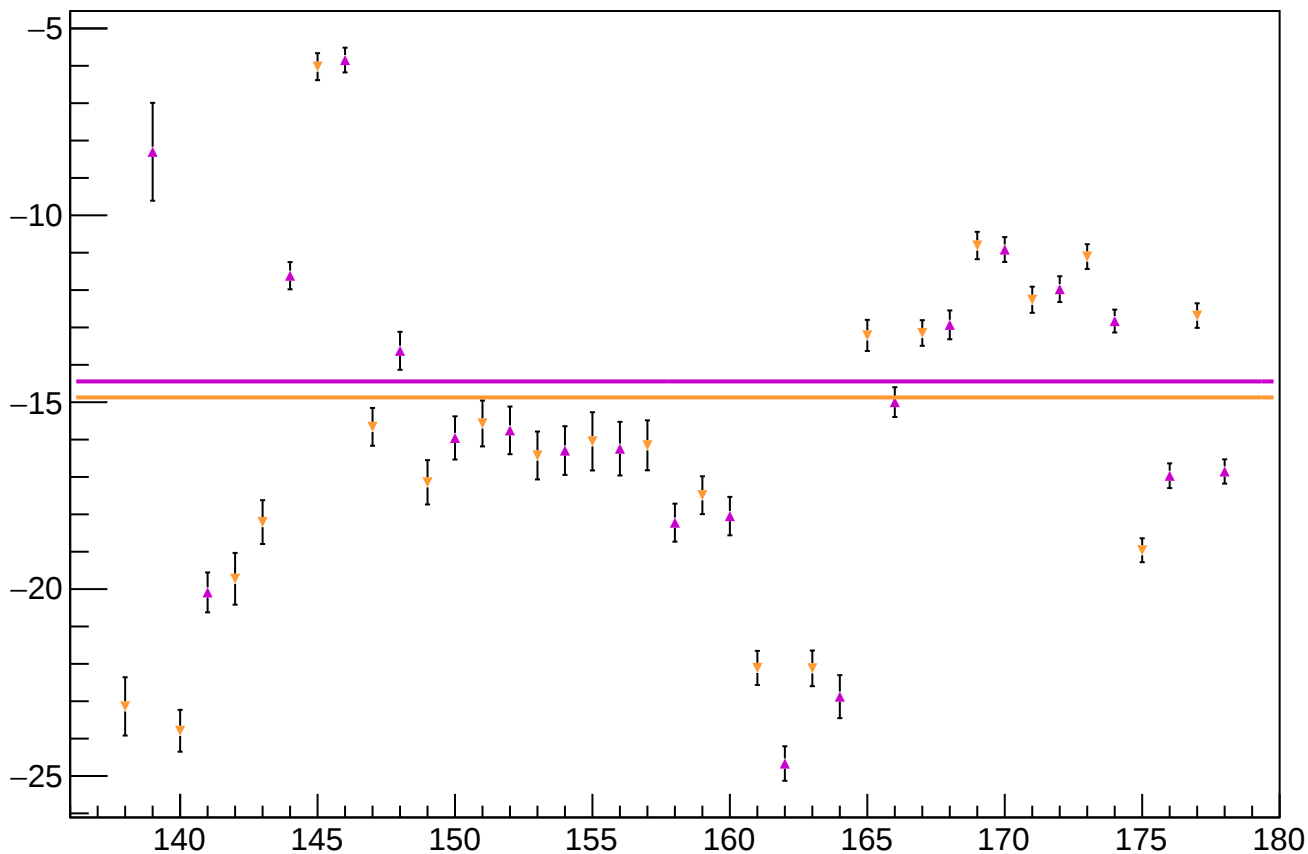
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.020+/-0.109 χ^2/NDF :10906.6/19

Out: -44.942+/-0.114 χ^2/NDF :9981.5/20

All: -43.941+/-0.079 χ^2/NDF : 21035.8/40

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: -14.872+/-0.098 χ^2/NDF :2146.4/20

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

Left In: -14.444+/-0.096 χ^2/NDF :2027.2/19

Left: -14.653+/-0.068 χ^2/NDF : 4183.4/40

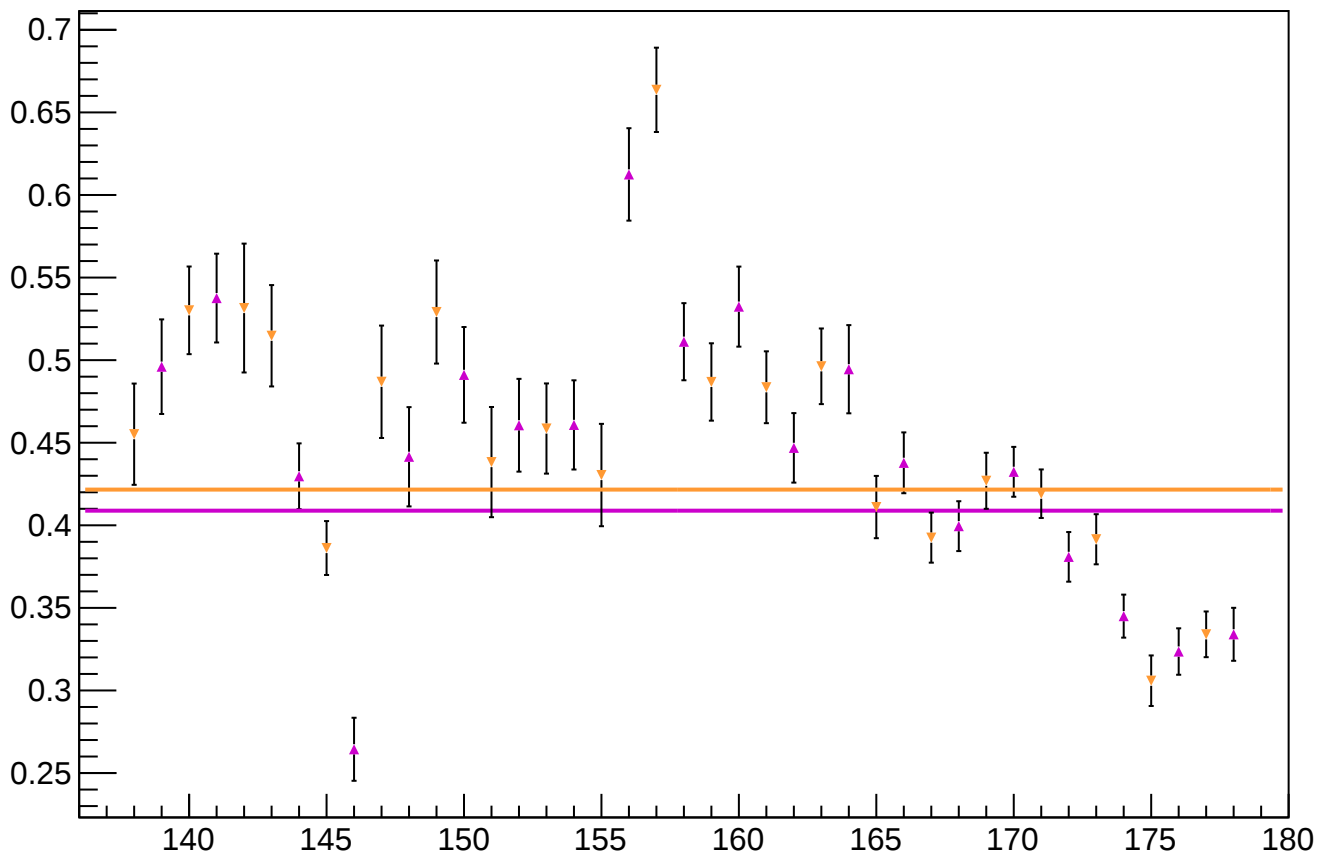
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.444+/-0.096 χ^2/NDF :2027.2/19

Out: -14.872+/-0.098 χ^2/NDF :2146.4/20

All: -14.653+/-0.068 χ^2/NDF : 4183.4/40

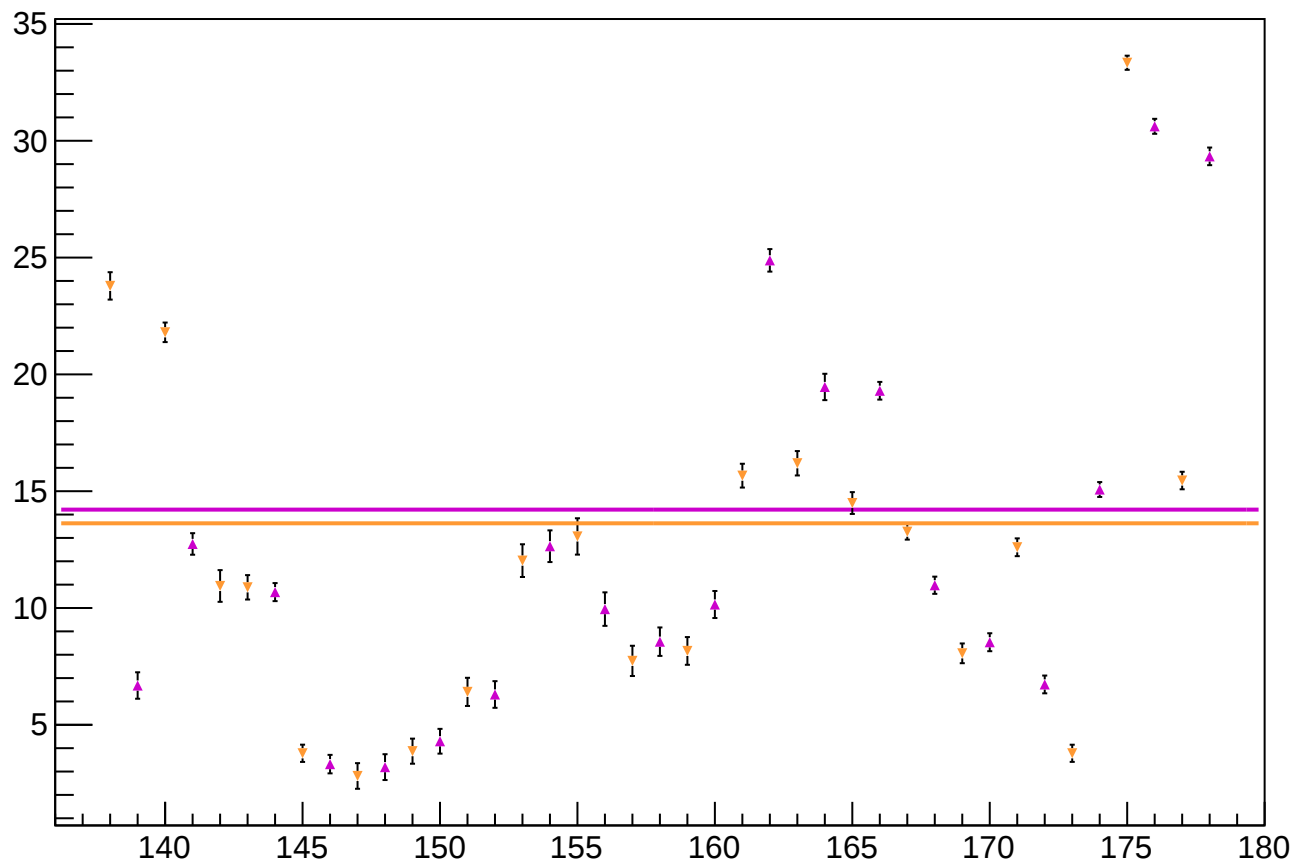
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.422 $\pm$ 0.004 χ^2 /NDF:279.2/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.409 $\pm$ 0.004 χ^2 /NDF:310.0/19

Left: 0.415 $\pm$ 0.003 χ^2 /NDF: 593.3/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.409 $\pm$ 0.004 χ^2 /NDF:310.0/19
 Out: 0.422 $\pm$ 0.004 χ^2 /NDF:279.2/20
 All: 0.415 $\pm$ 0.003 χ^2 /NDF: 593.3/40

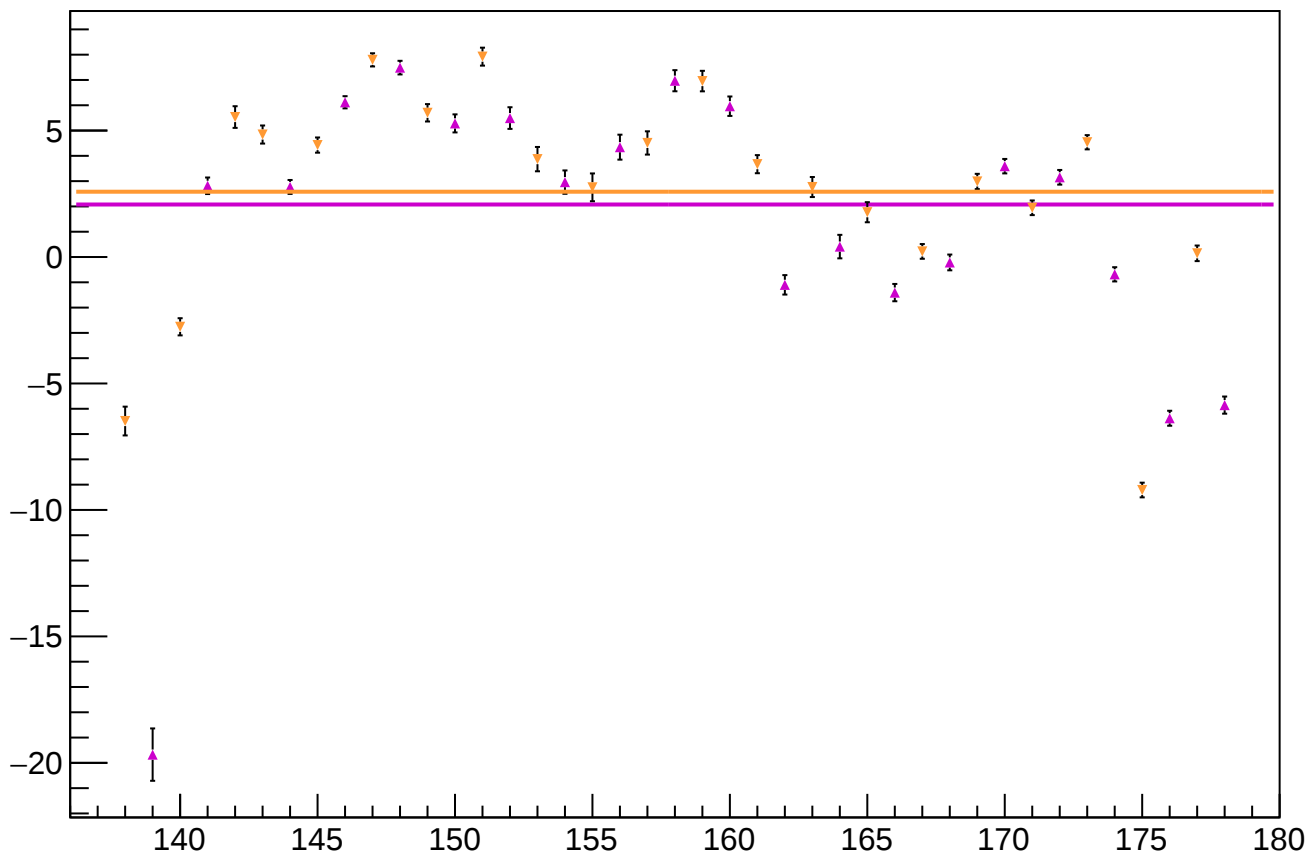
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 13.626 $\pm$ 0.101 χ^2/NDF :7674.0/20
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 14.212 $\pm$ 0.099 χ^2/NDF :7819.6/19

Left: 13.924 $\pm$ 0.070 χ^2/NDF : 15511.0/40
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 14.212 $\pm$ 0.099 χ^2/NDF :7819.6/19
 Out: 13.626 $\pm$ 0.101 χ^2/NDF :7674.0/20
 All: 13.924 $\pm$ 0.070 χ^2/NDF : 15511.0/40

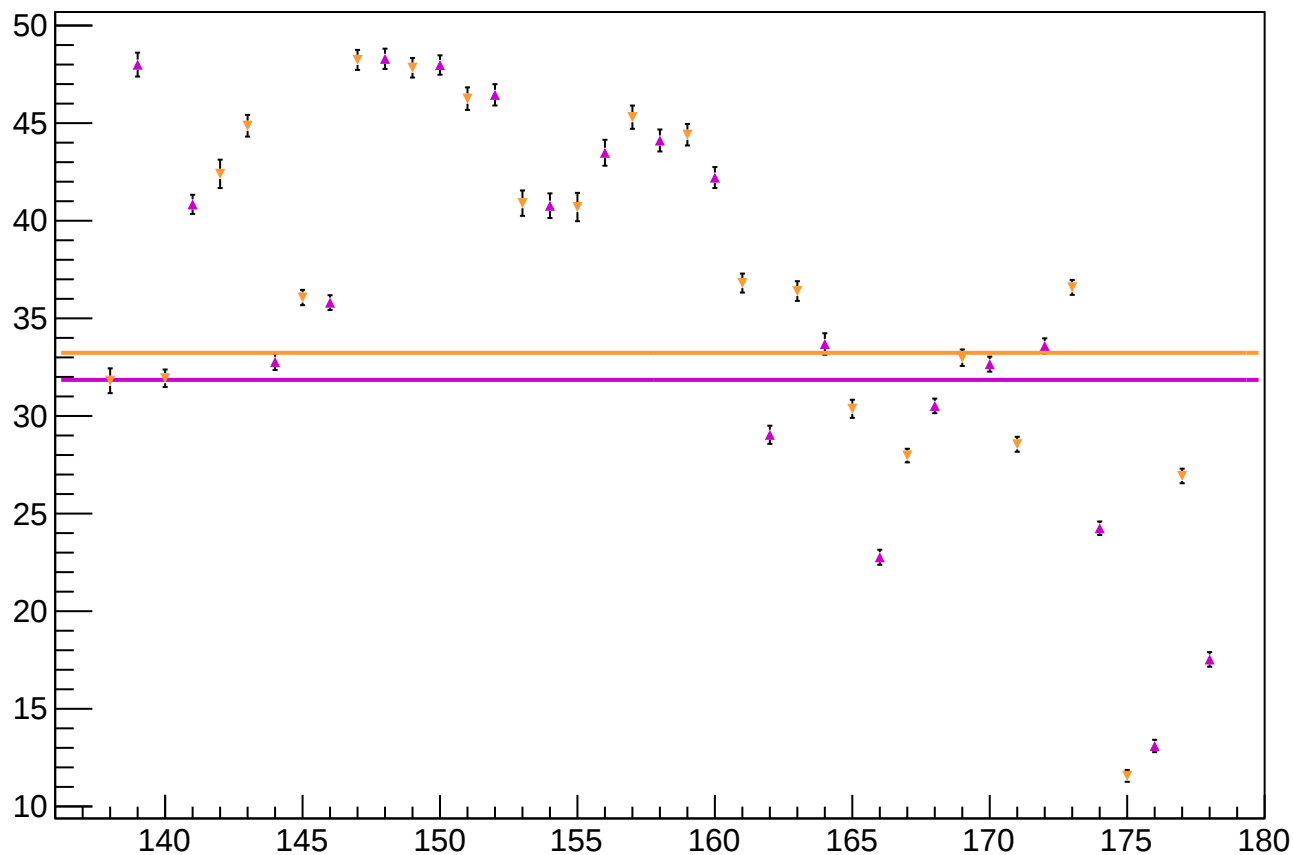
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.582 $\pm$ 0.075 χ^2 /NDF:3321.1/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.076 $\pm$ 0.075 χ^2 /NDF:3284.9/19

Left: 2.329 $\pm$ 0.053 χ^2 /NDF: 6628.5/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.076 $\pm$ 0.075 χ^2 /NDF:3284.9/19
 Out: 2.582 $\pm$ 0.075 χ^2 /NDF:3321.1/20
 All: 2.329 $\pm$ 0.053 χ^2 /NDF: 6628.5/40

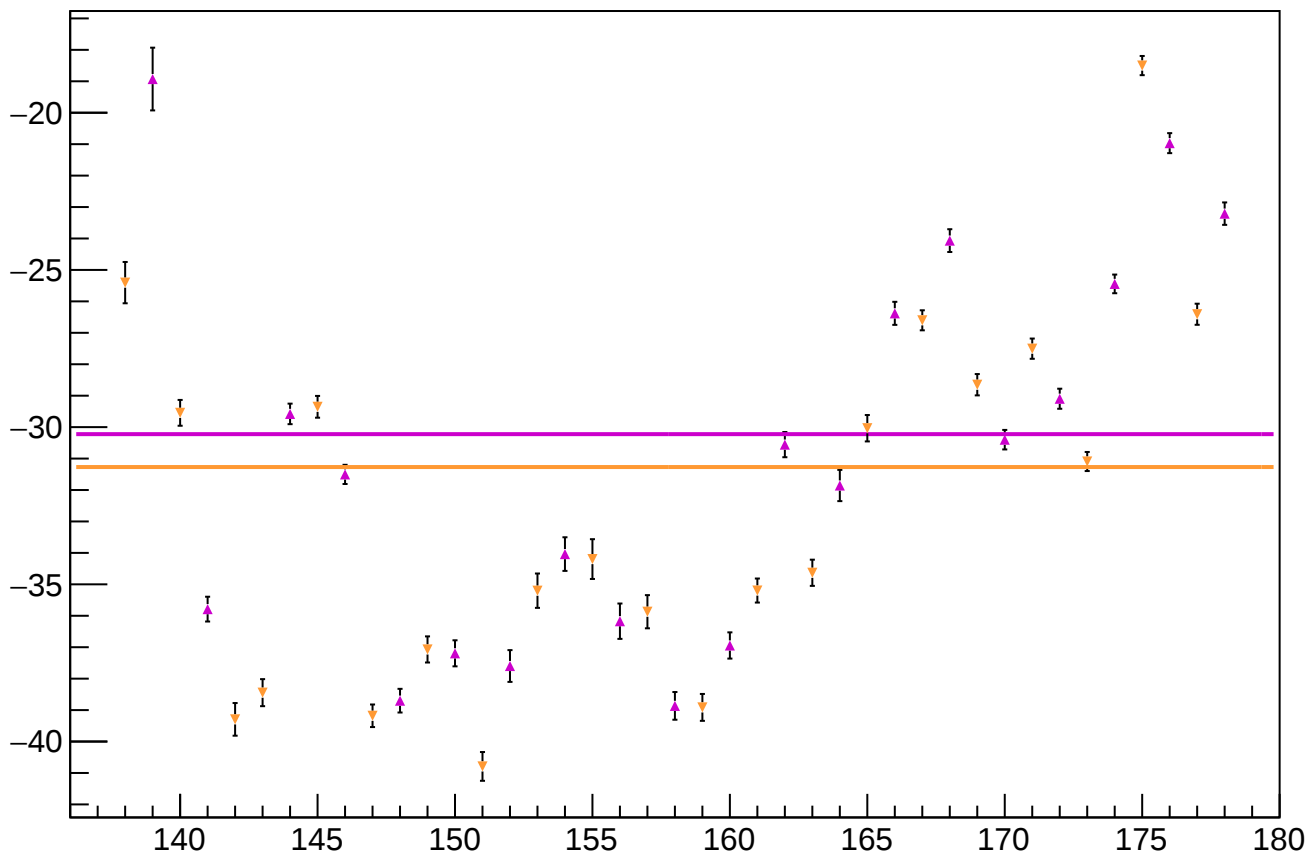
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 33.235 $\pm$ 0.101 χ^2/NDF :9913.3/20
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 31.848 $\pm$ 0.099 χ^2/NDF :11362.3/19

Left: 32.527 $\pm$ 0.070 χ^2/NDF : 21372.3/40
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 31.848 $\pm$ 0.099 χ^2/NDF :11362.3/19
 Out: 33.235 $\pm$ 0.101 χ^2/NDF :9913.3/20
 All: 32.527 $\pm$ 0.070 χ^2/NDF : 21372.3/40

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -31.269+/-0.086 χ^2/NDF : 4779.0/20

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

Left In: -30.223+/-0.086 χ^2/NDF : 4074.4/19

Left: -30.745+/-0.061 χ^2/NDF : 8928.0/40

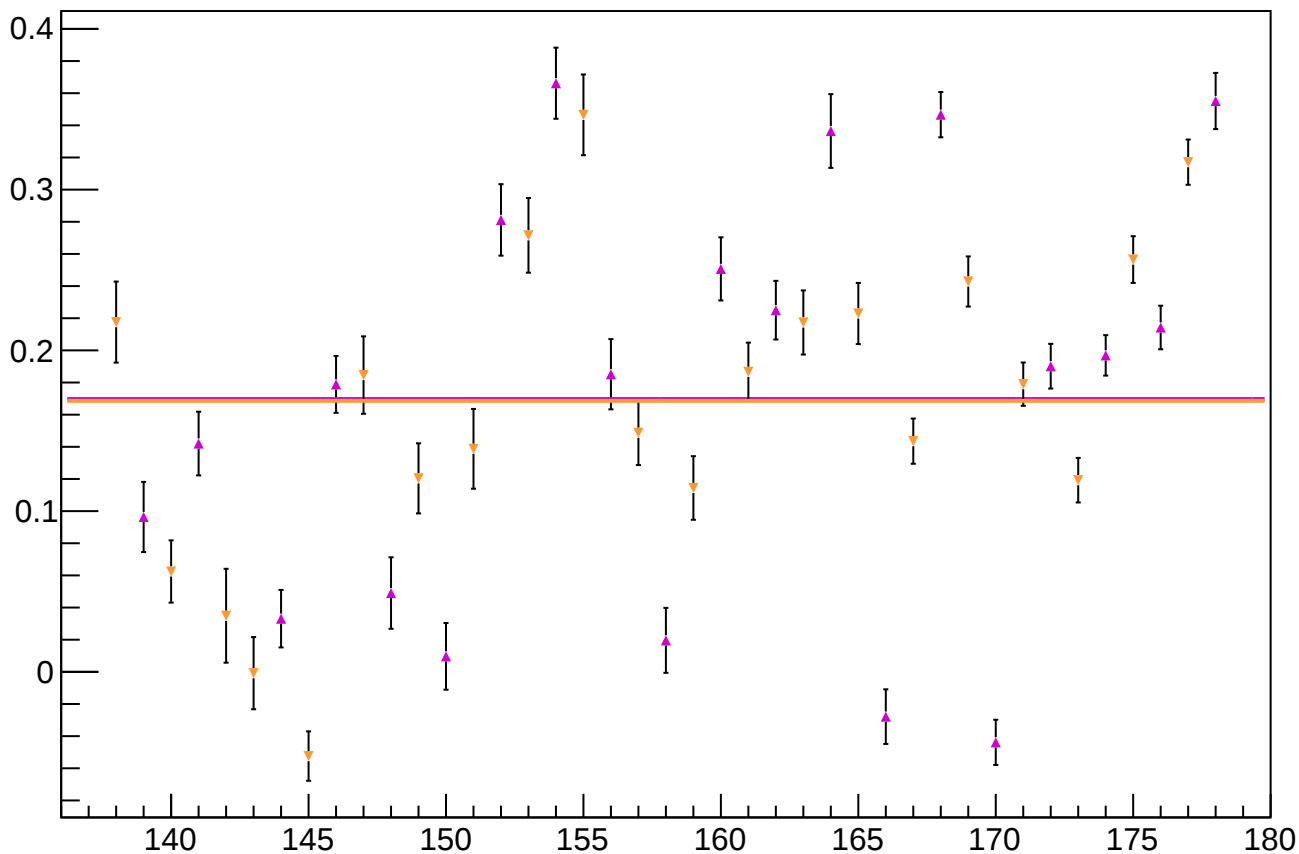
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.223+/-0.086 χ^2/NDF : 4074.4/19

Out: -31.269+/-0.086 χ^2/NDF : 4779.0/20

All: -30.745+/-0.061 χ^2/NDF : 8928.0/40

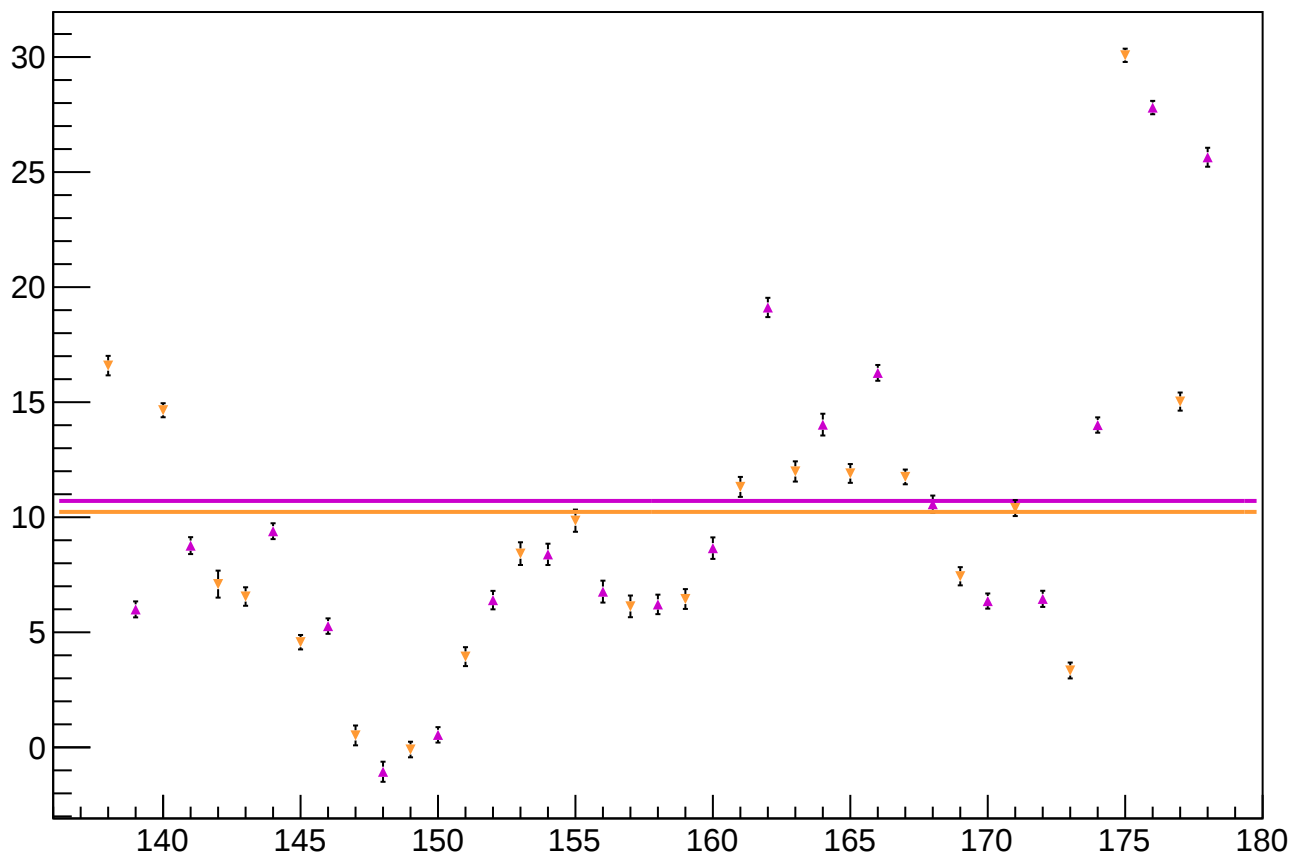
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.169+/-0.004 χ^2/NDF :605.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.170+/-0.004 χ^2/NDF :1053.5/19

Left: 0.169+/-0.003 χ^2/NDF : 1658.9/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.170+/-0.004 χ^2/NDF :1053.5/19
 Out: 0.169+/-0.004 χ^2/NDF :605.4/20
 All: 0.169+/-0.003 χ^2/NDF : 1658.9/40

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: 10.232+/-0.084 χ^2/NDF : 8081.8/20

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

Left In: 10.709+/-0.084 χ^2/NDF : 8390.9/19

Left: 10.471+/-0.059 χ^2/NDF : 16488.9/40

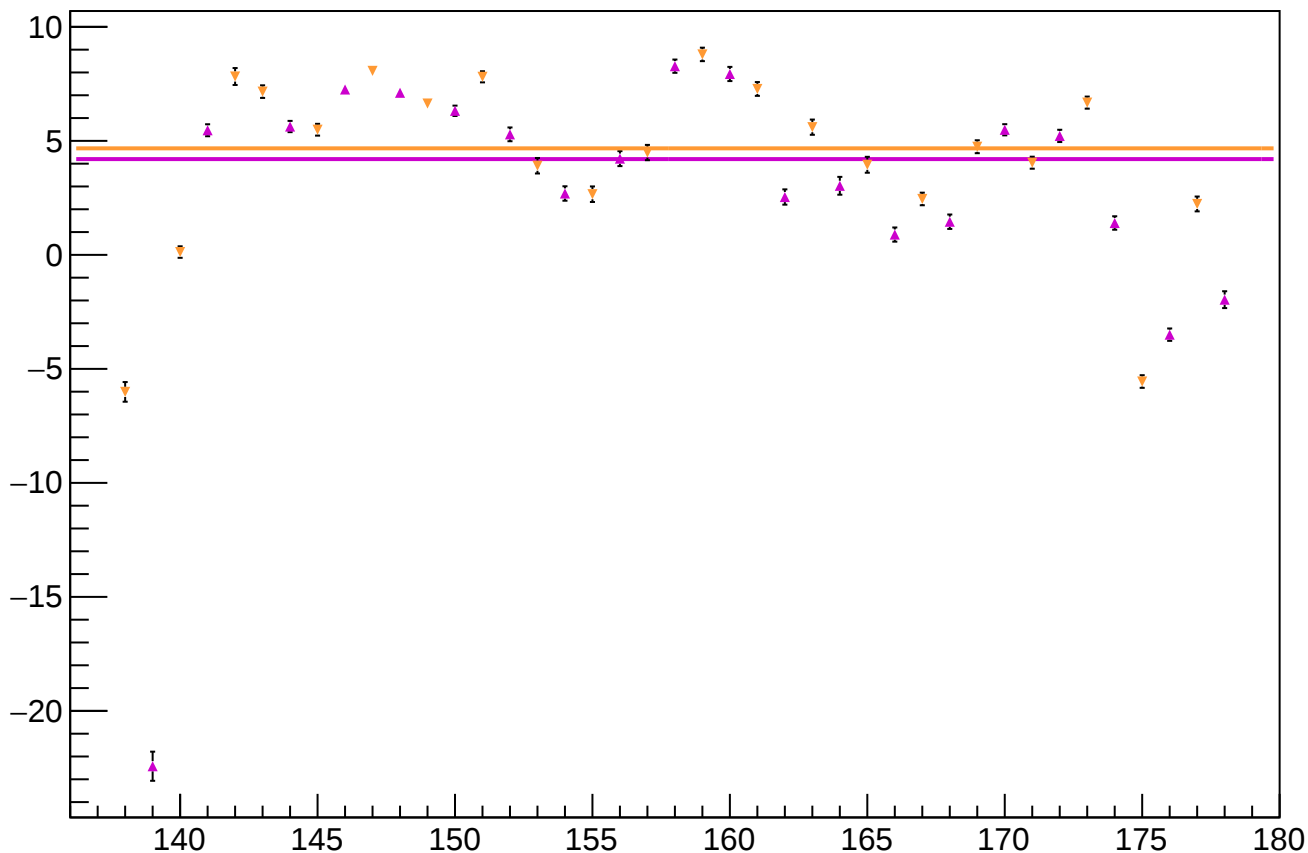
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.709+/-0.084 χ^2/NDF : 8390.9/19

Out: 10.232+/-0.084 χ^2/NDF : 8081.8/20

All: 10.471+/-0.059 χ^2/NDF : 16488.9/40

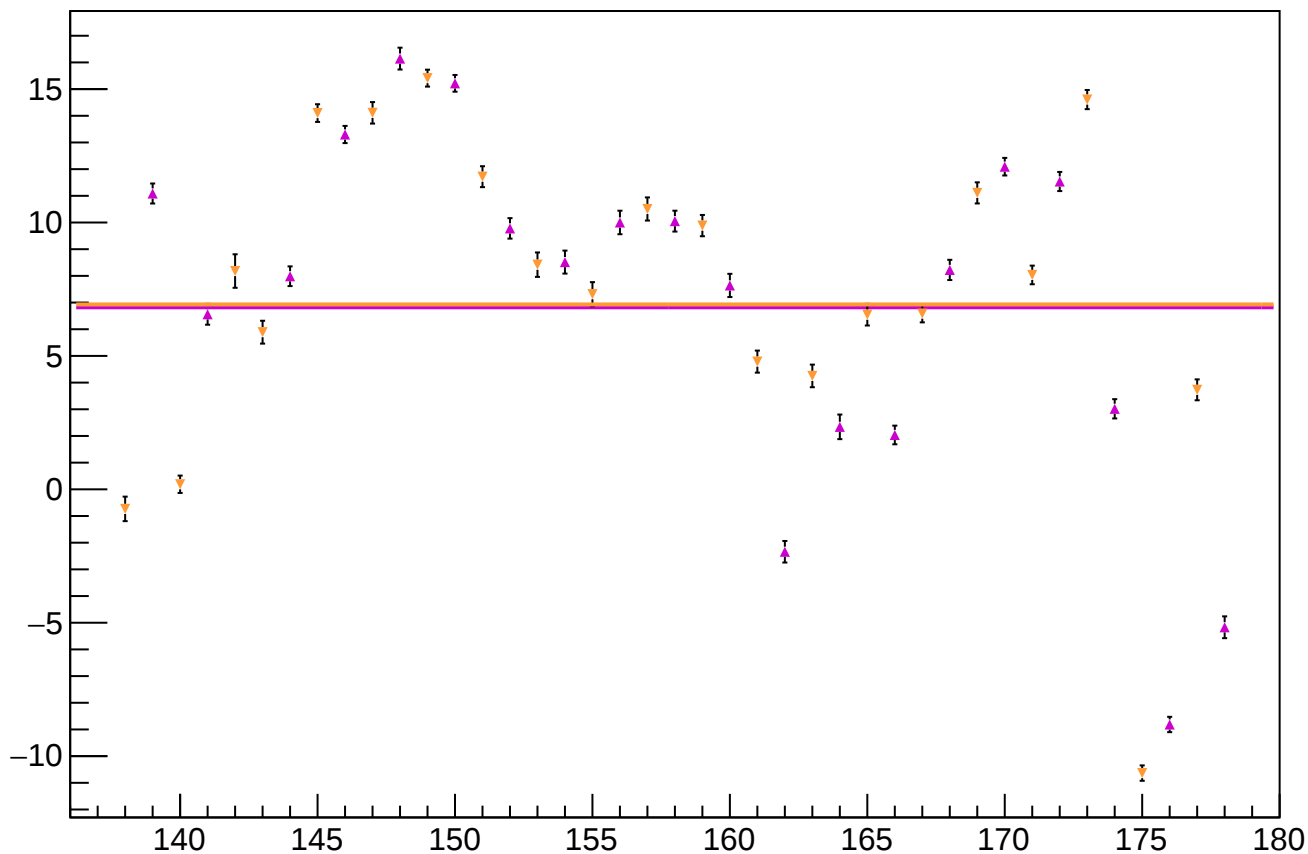
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.672+/-0.062 χ^2/NDF :3472.8/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.200+/-0.064 χ^2/NDF :4079.7/19

Left: 4.442+/-0.044 χ^2/NDF : 7580.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.200+/-0.064 χ^2/NDF :4079.7/19
 Out: 4.672+/-0.062 χ^2/NDF :3472.8/20
 All: 4.442+/-0.044 χ^2/NDF : 7580.6/40

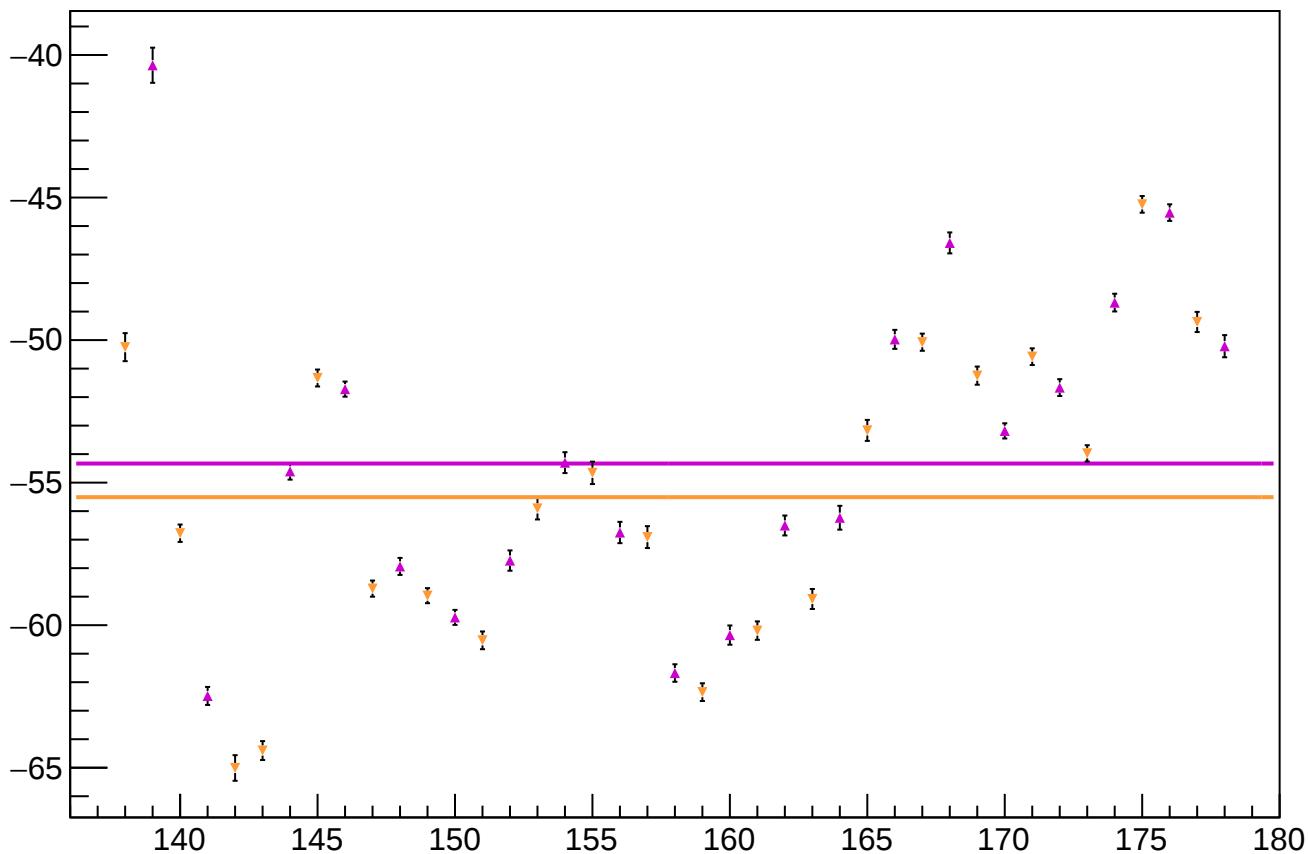
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.929+/-0.084 χ^2/NDF :6914.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.823+/-0.083 χ^2/NDF :7147.7/19

Left: 6.875+/-0.059 χ^2/NDF : 14063.0/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.823+/-0.083 χ^2/NDF :7147.7/19
 Out: 6.929+/-0.084 χ^2/NDF :6914.5/20
 All: 6.875+/-0.059 χ^2/NDF : 14063.0/40

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: -55.510+/-0.071 χ^2/NDF : 5261.3/20

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

Left In: -54.330+/-0.072 χ^2/NDF : 4995.1/19

Left: -54.930+/-0.051 χ^2/NDF : 10391.3/40

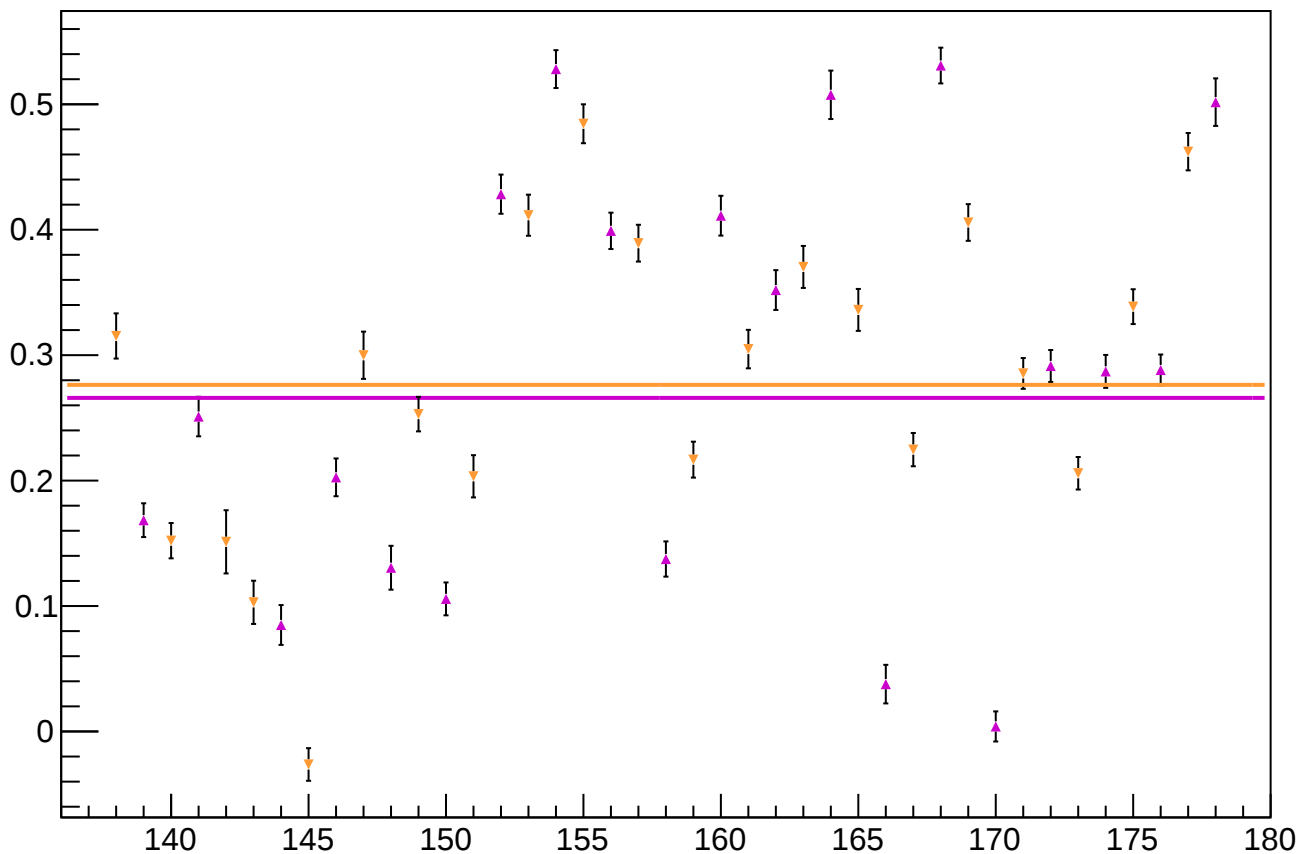
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.330+/-0.072 χ^2/NDF : 4995.1/19

Out: -55.510+/-0.071 χ^2/NDF : 5261.3/20

All: -54.930+/-0.051 χ^2/NDF : 10391.3/40

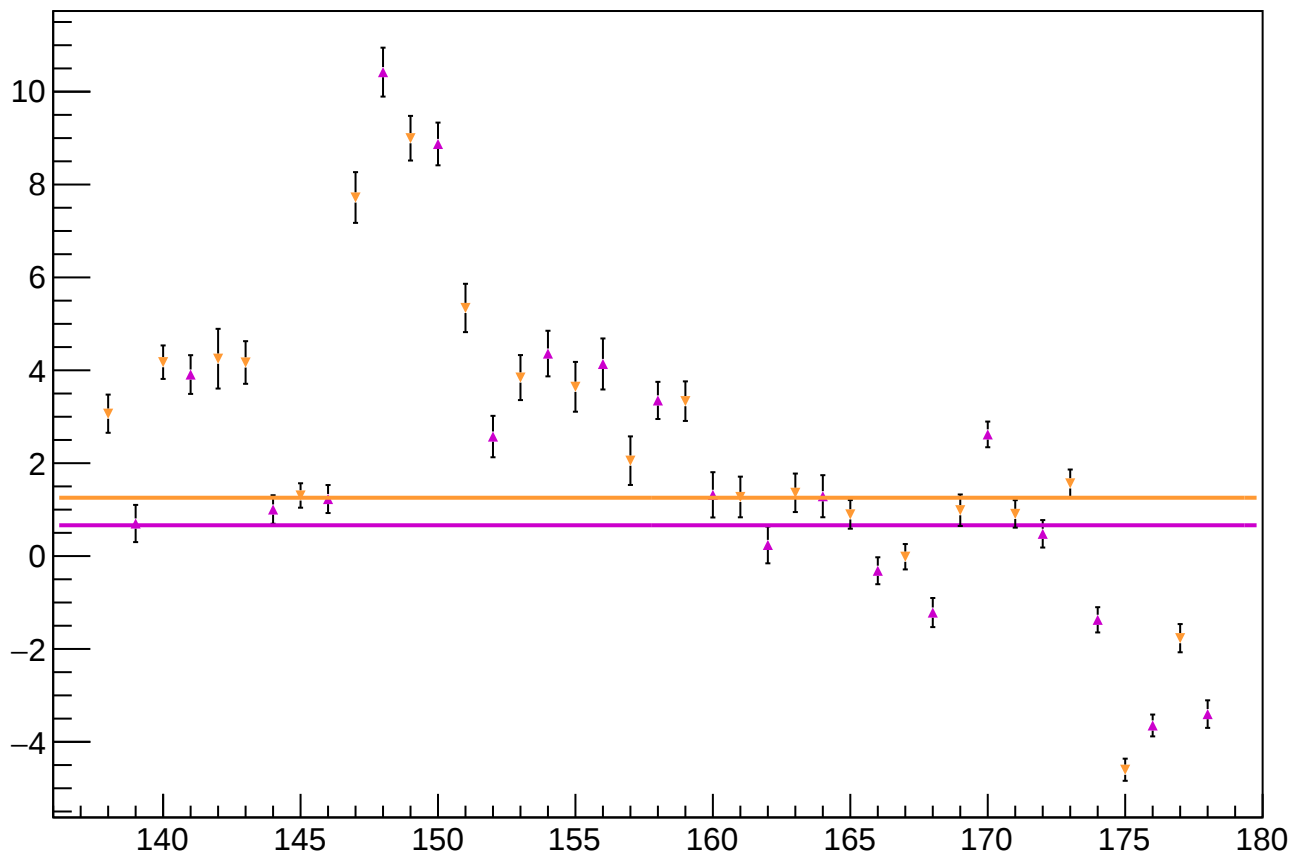
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.276+/-0.003 χ^2/NDF :1445.1/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.266+/-0.003 χ^2/NDF :2464.9/19

Left: 0.271+/-0.002 χ^2/NDF : 3915.0/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.266+/-0.003 χ^2/NDF :2464.9/19
 Out: 0.276+/-0.003 χ^2/NDF :1445.1/20
 All: 0.271+/-0.002 χ^2/NDF : 3915.0/40

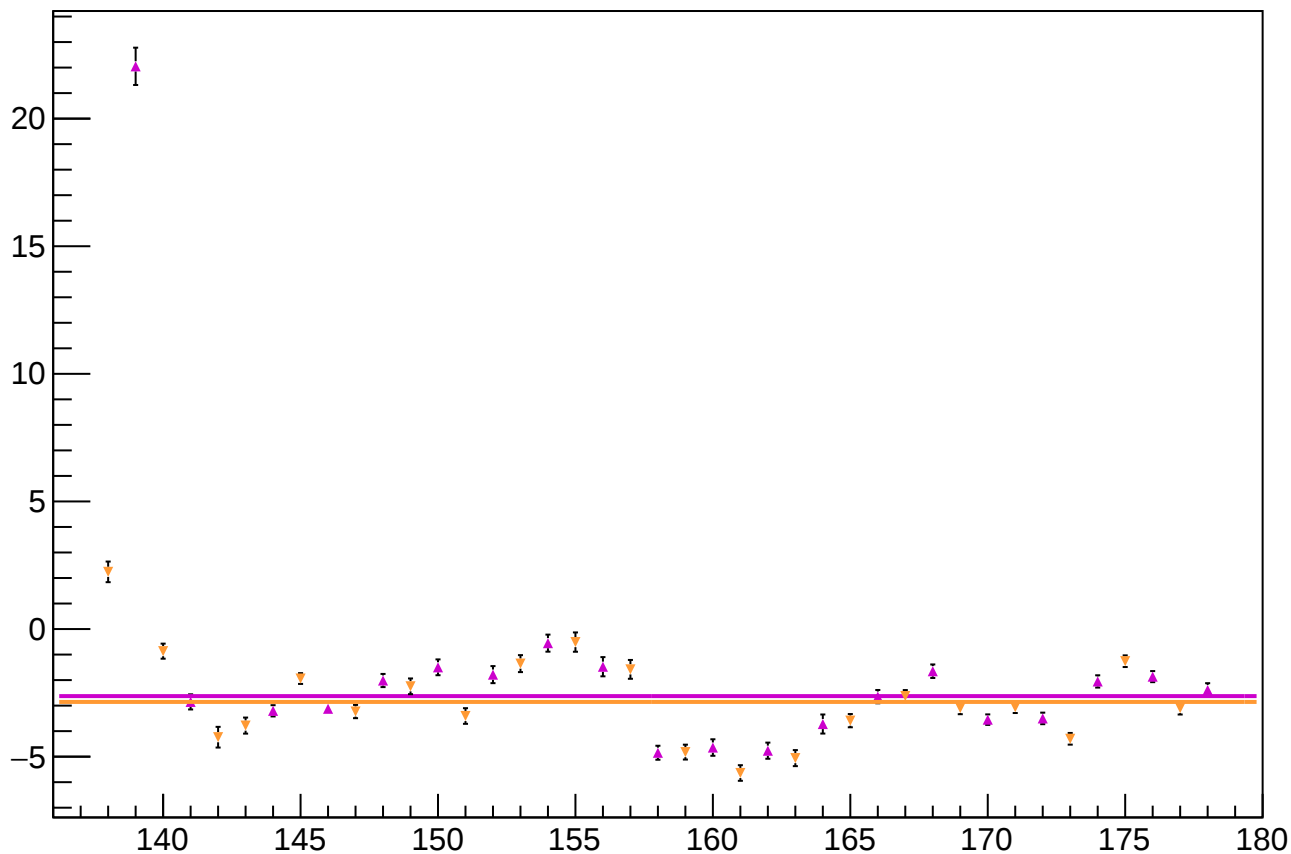
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.256+/-0.079 χ^2/NDF :1411.9/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.663+/-0.078 χ^2/NDF :1570.2/19

Left: 0.953+/-0.056 χ^2/NDF : 3010.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.663+/-0.078 χ^2/NDF :1570.2/19
 Out: 1.256+/-0.079 χ^2/NDF :1411.9/20
 All: 0.953+/-0.056 χ^2/NDF : 3010.6/40

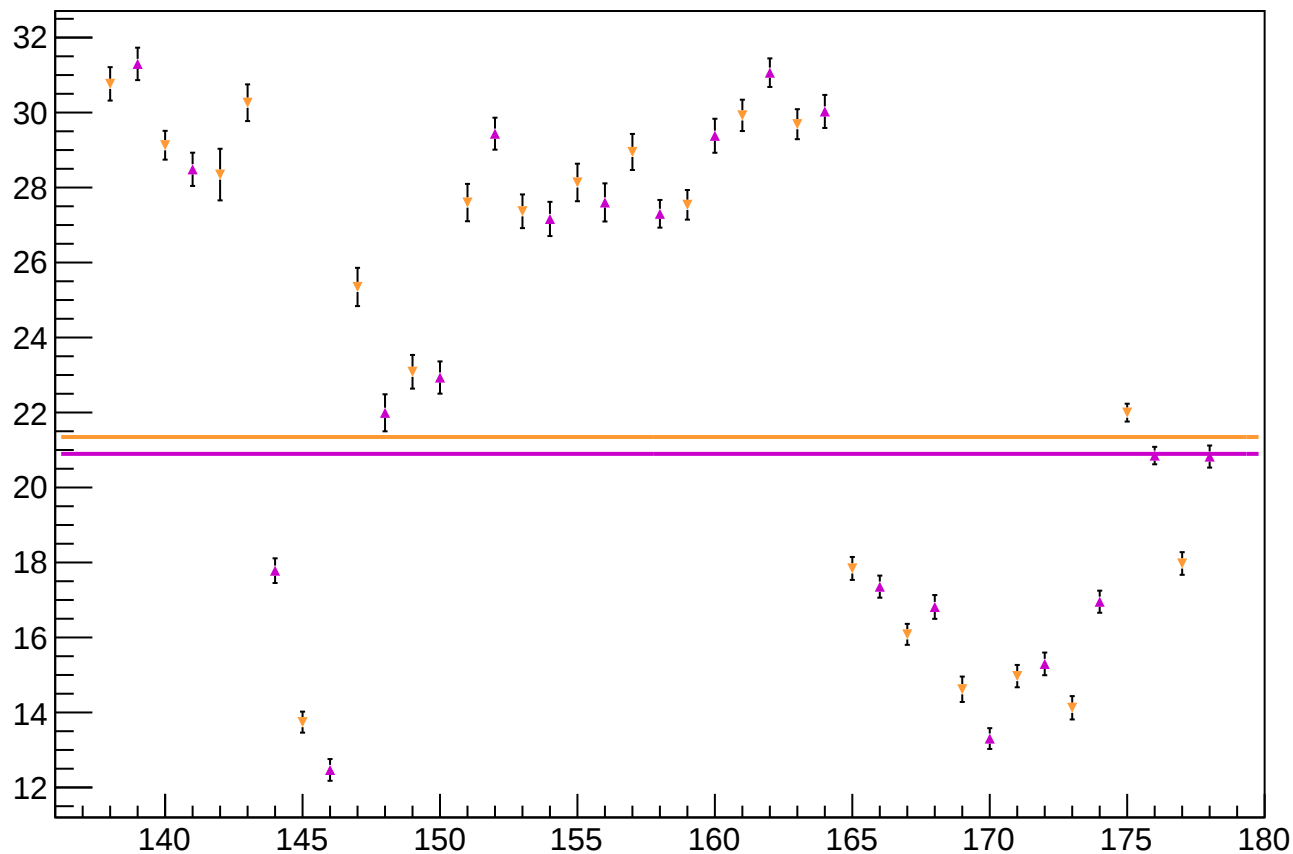
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.855+/-0.061 χ^2/NDF : 601.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.628+/-0.060 χ^2/NDF : 1452.6/19

Left: -2.741+/-0.043 χ^2/NDF : 2061.2/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.628+/-0.060 χ^2/NDF : 1452.6/19
 Out: -2.855+/-0.061 χ^2/NDF : 601.4/20
 All: -2.741+/-0.043 χ^2/NDF : 2061.2/40

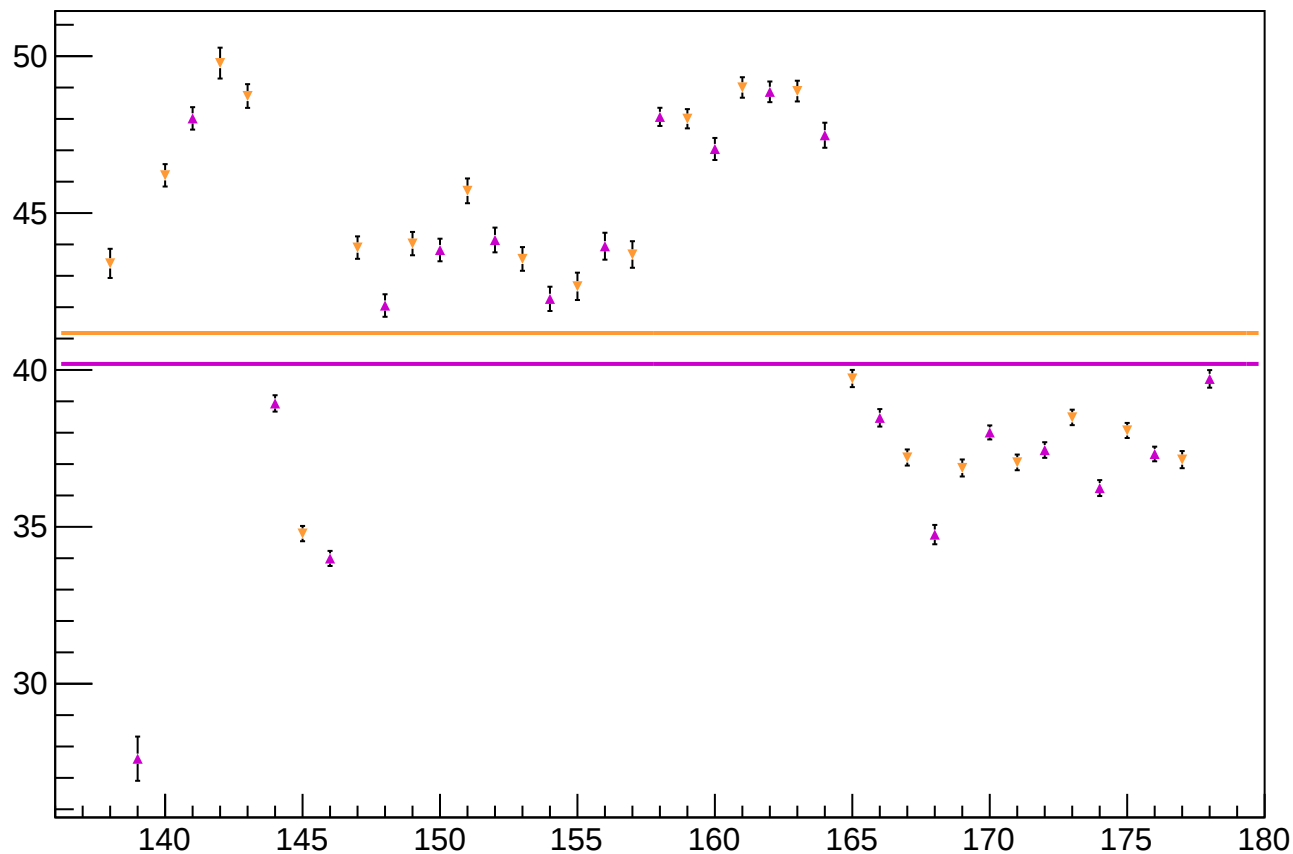
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.347+/-0.080 χ^2/NDF : 5985.7/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.897+/-0.078 χ^2/NDF : 5969.5/19

Left: 21.116+/-0.056 χ^2/NDF : 11971.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.897+/-0.078 χ^2/NDF : 5969.5/19
 Out: 21.347+/-0.080 χ^2/NDF : 5985.7/20
 All: 21.116+/-0.056 χ^2/NDF : 11971.6/40

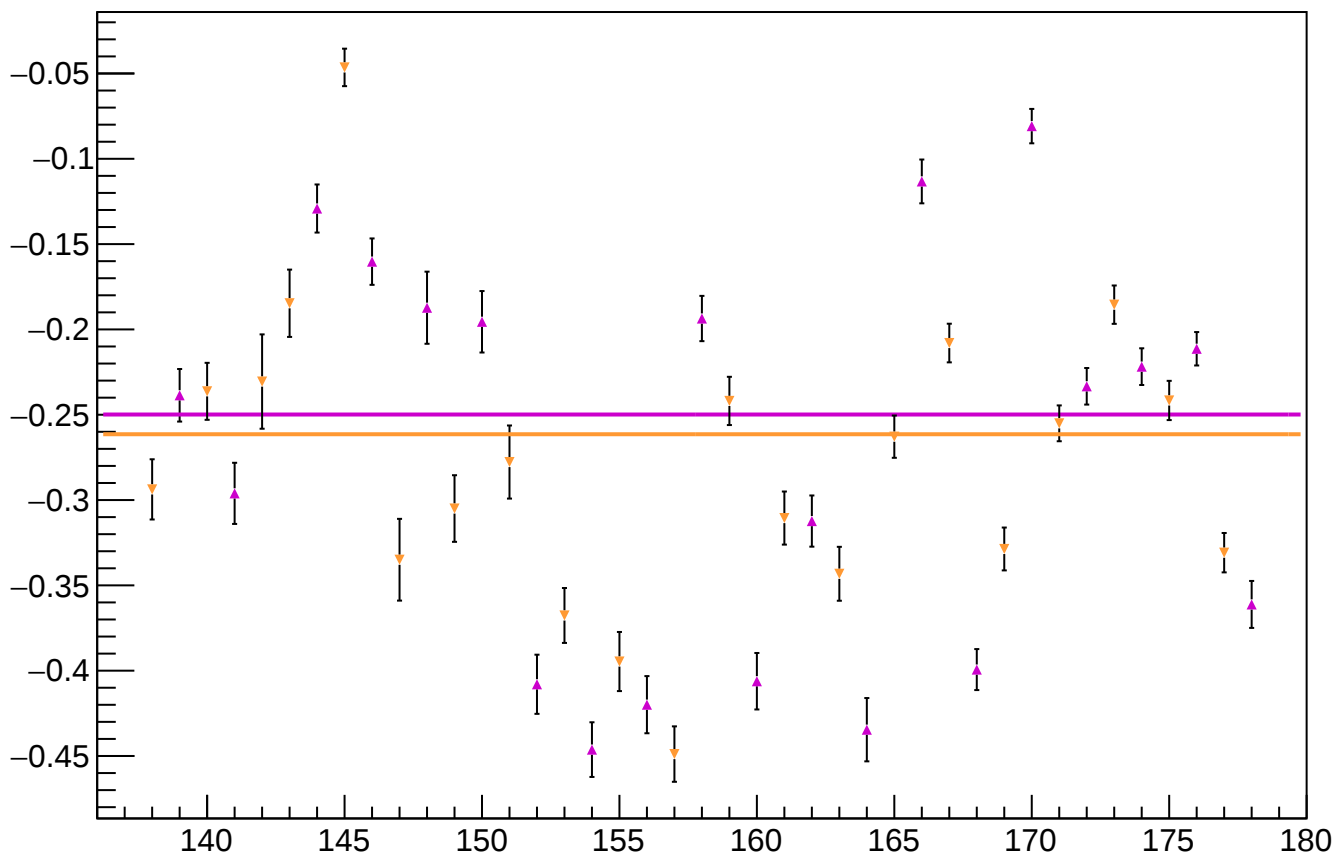
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.177+/-0.068 χ^2/NDF : 4853.9/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.192+/-0.068 χ^2/NDF : 4928.9/19

Left: 40.681+/-0.048 χ^2/NDF : 9887.5/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.192+/-0.068 χ^2/NDF : 4928.9/19
 Out: 41.177+/-0.068 χ^2/NDF : 4853.9/20
 All: 40.681+/-0.048 χ^2/NDF : 9887.5/40

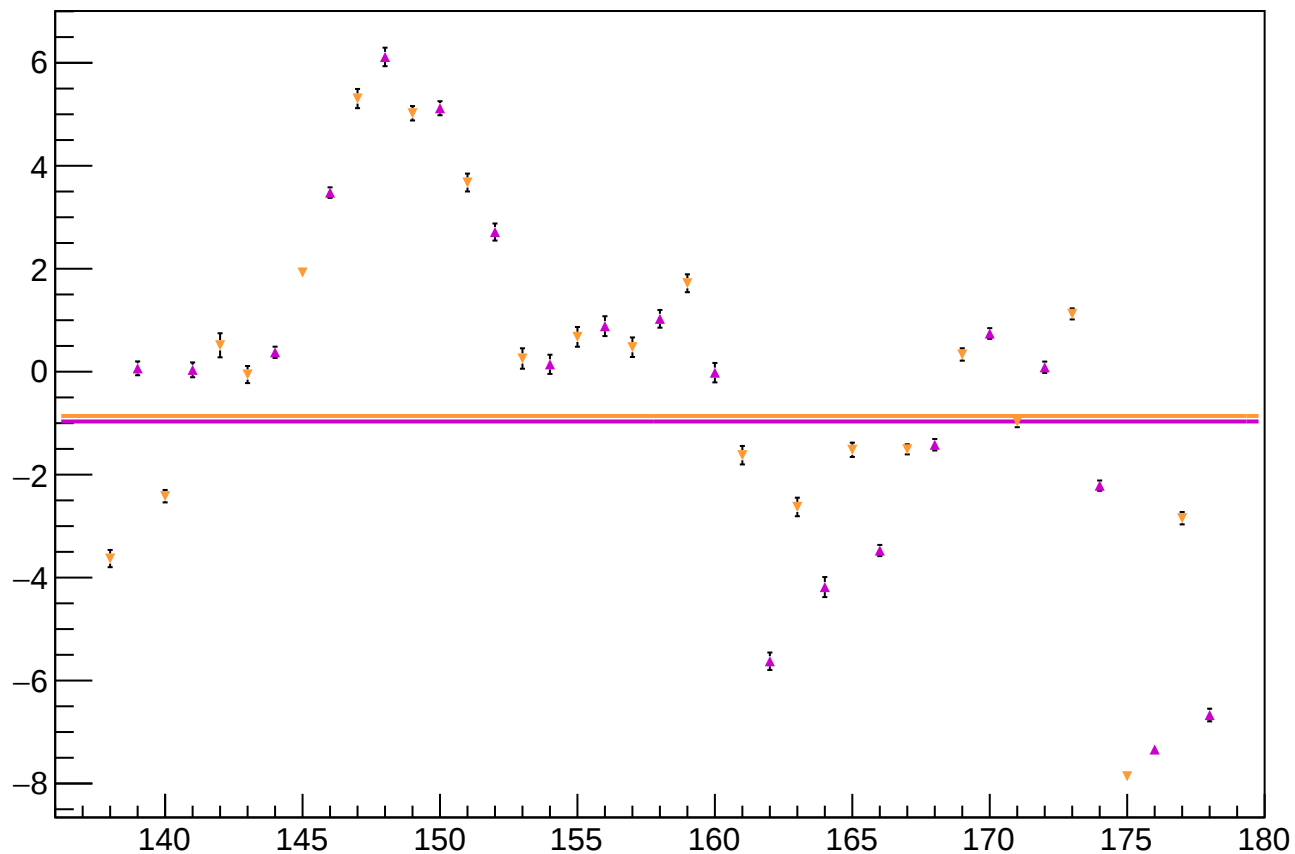
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.261 +/- 0.003 χ^2/NDF : 830.7/20
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -0.250 +/- 0.003 χ^2/NDF : 1341.4/19

Left: -0.256 +/- 0.002 χ^2/NDF : 2179.0/40
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: -0.250 +/- 0.003 χ^2/NDF : 1341.4/19
 Out: -0.261 +/- 0.003 χ^2/NDF : 830.7/20
 All: -0.256 +/- 0.002 χ^2/NDF : 2179.0/40

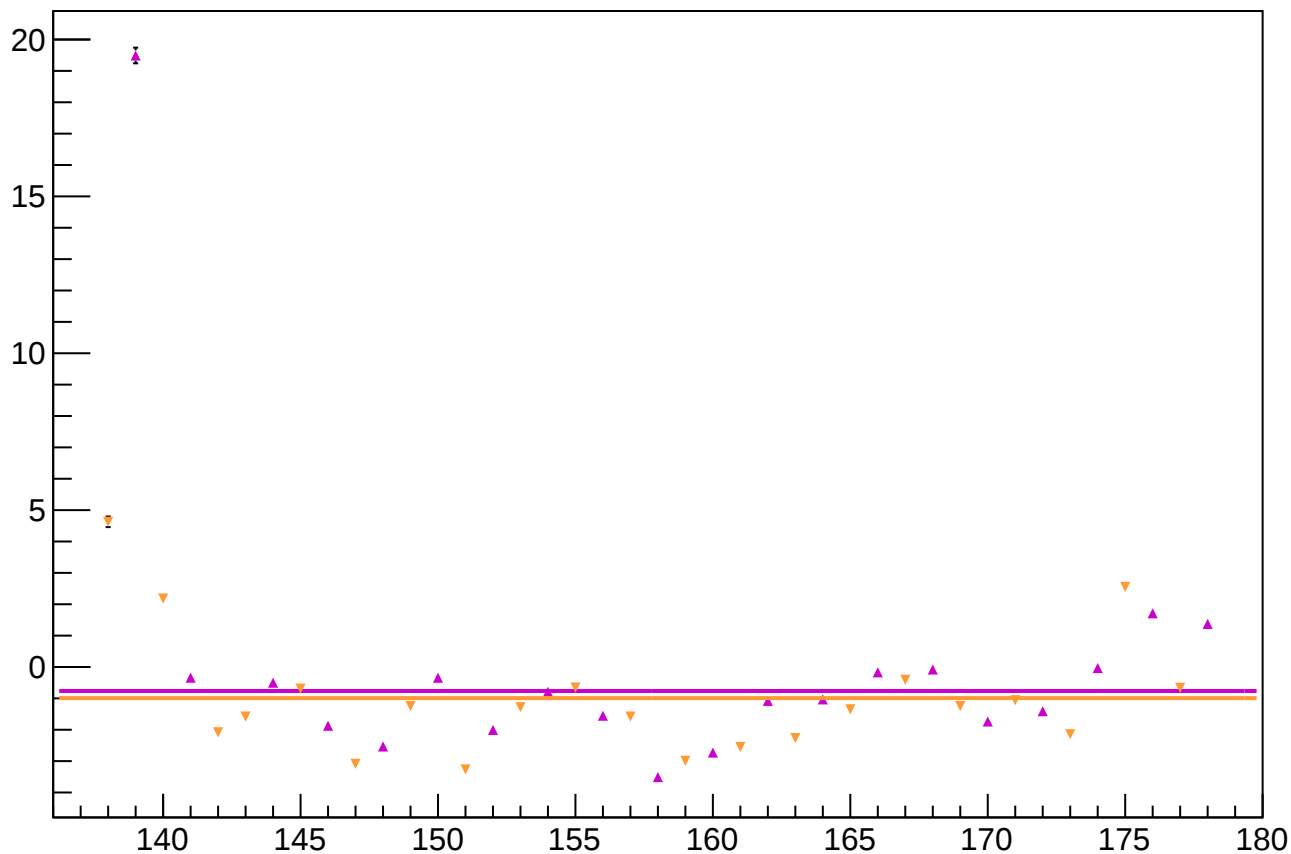
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.860+/-0.029 χ^2/NDF :12564.0/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.967+/-0.029 χ^2/NDF :15479.3/19

Left: -0.915+/-0.021 χ^2/NDF : 28050.1/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.967+/-0.029 χ^2/NDF :15479.3/19
 Out: -0.860+/-0.029 χ^2/NDF :12564.0/20
 All: -0.915+/-0.021 χ^2/NDF : 28050.1/40

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



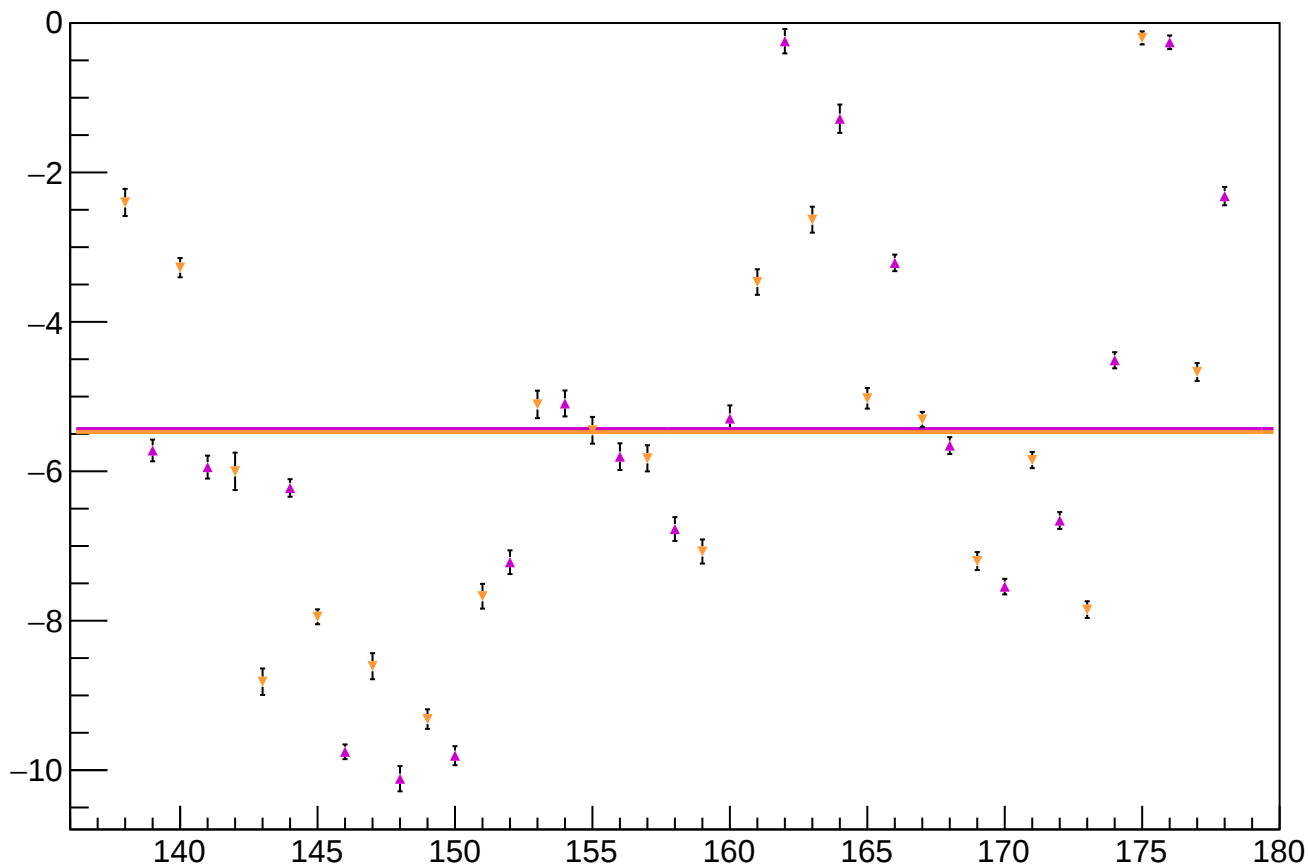
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.991 ± 0.022 $\chi^2/\text{NDF}: 5848.4/20$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.765 ± 0.022 $\chi^2/\text{NDF}: 9822.0/19$

Left: -0.878 ± 0.016 $\chi^2/\text{NDF}: 15722.0/40$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -0.765 ± 0.022 $\chi^2/\text{NDF}: 9822.0/19$
 Out: -0.991 ± 0.022 $\chi^2/\text{NDF}: 5848.4/20$

All: -0.878 ± 0.016 $\chi^2/\text{NDF}: 15722.0/40$

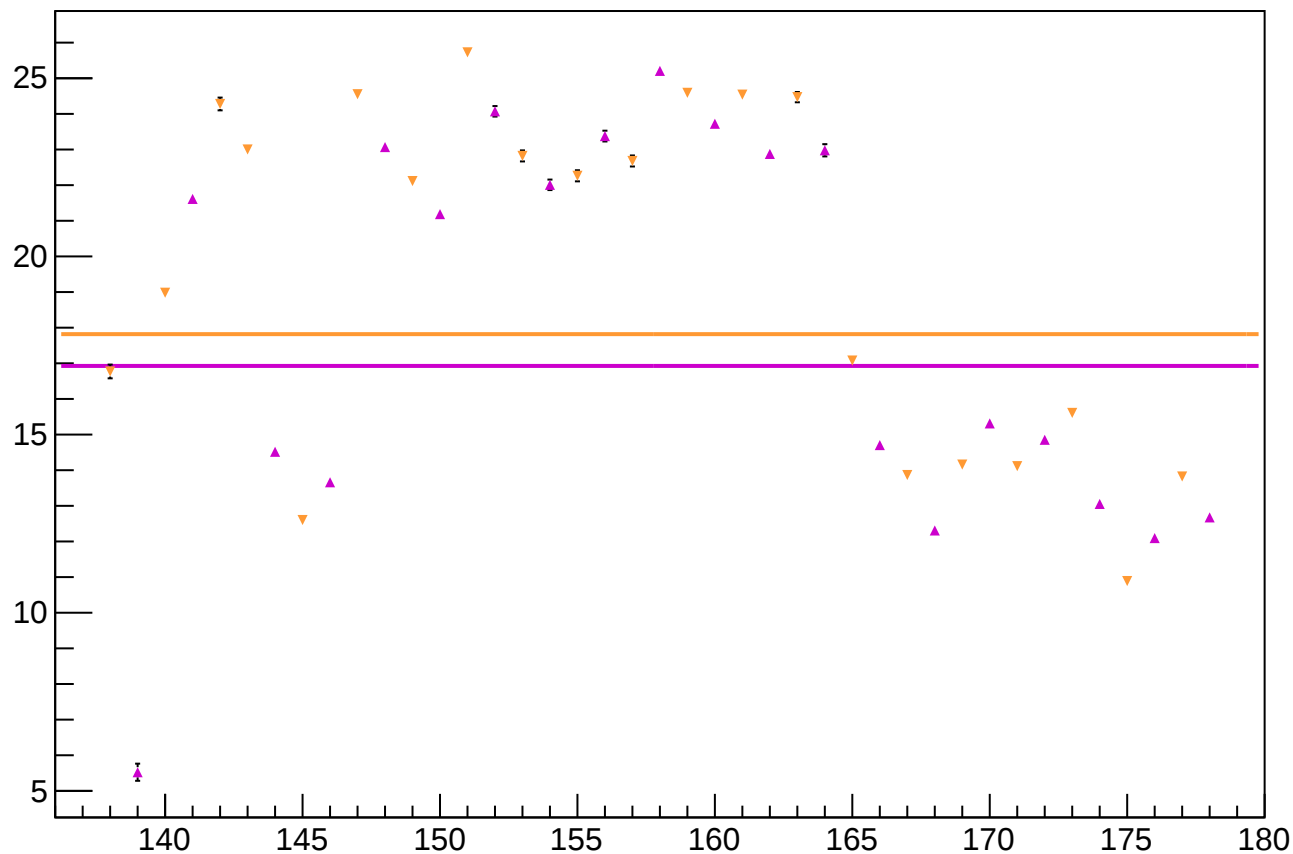
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.475+/-0.029 χ^2/NDF :7784.2/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.435+/-0.029 χ^2/NDF :10502.6/19

Left: -5.455+/-0.021 χ^2/NDF : 18287.8/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.435+/-0.029 χ^2/NDF :10502.6/19
 Out: -5.475+/-0.029 χ^2/NDF :7784.2/20
 All: -5.455+/-0.021 χ^2/NDF : 18287.8/40

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 17.819+/-0.025 χ^2/NDF :38017.7/20

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

Left In: 16.927+/-0.025 χ^2/NDF :34109.2/19

Left: 17.371+/-0.018 χ^2/NDF : 72748.9/40

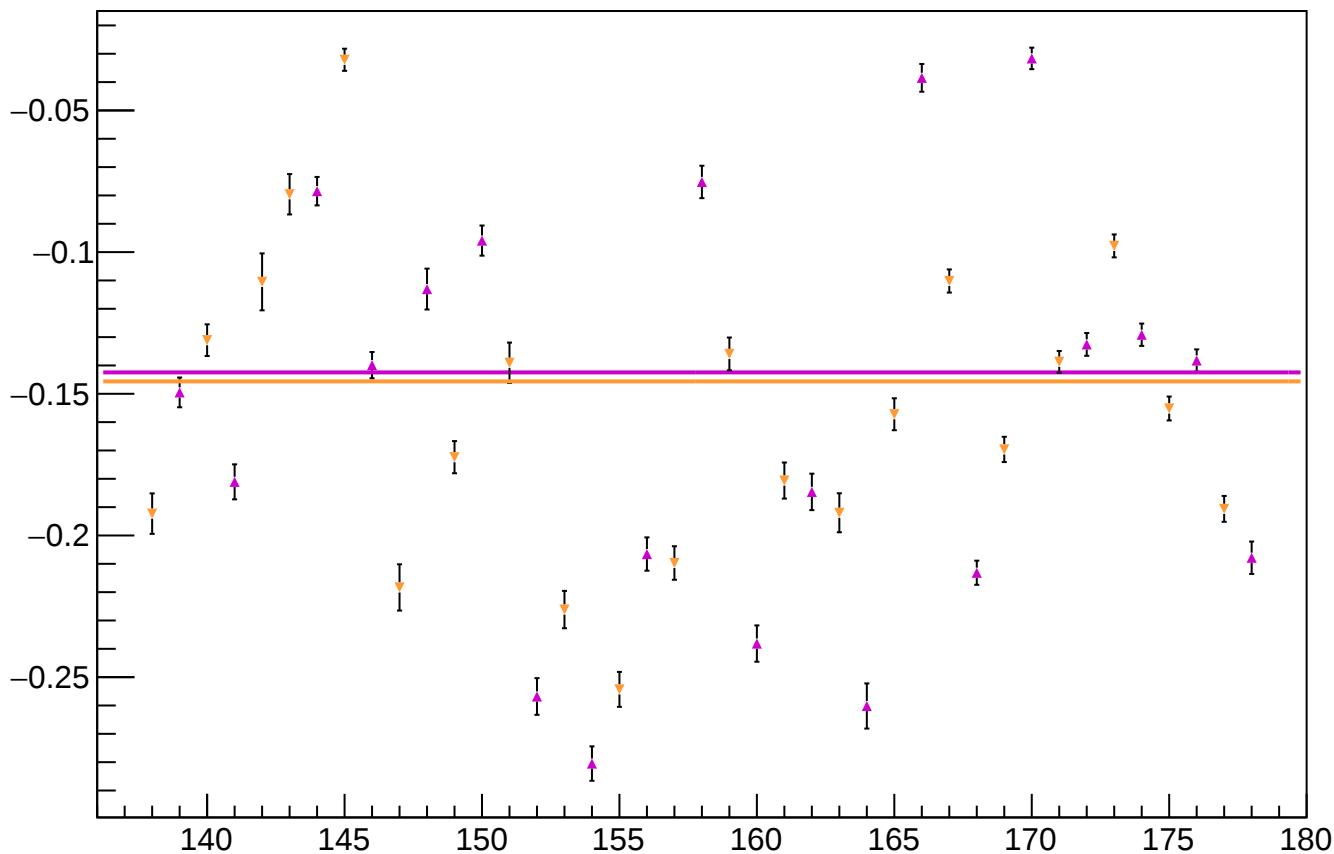
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.927+/-0.025 χ^2/NDF :34109.2/19

Out: 17.819+/-0.025 χ^2/NDF :38017.7/20

All: 17.371+/-0.018 χ^2/NDF : 72748.9/40

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.146+/-0.001 χ^2/NDF :2102.6/20

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

Left In: -0.142+/-0.001 χ^2/NDF :3593.8/19

Left: -0.144+/-0.001 χ^2/NDF : 5700.2/40

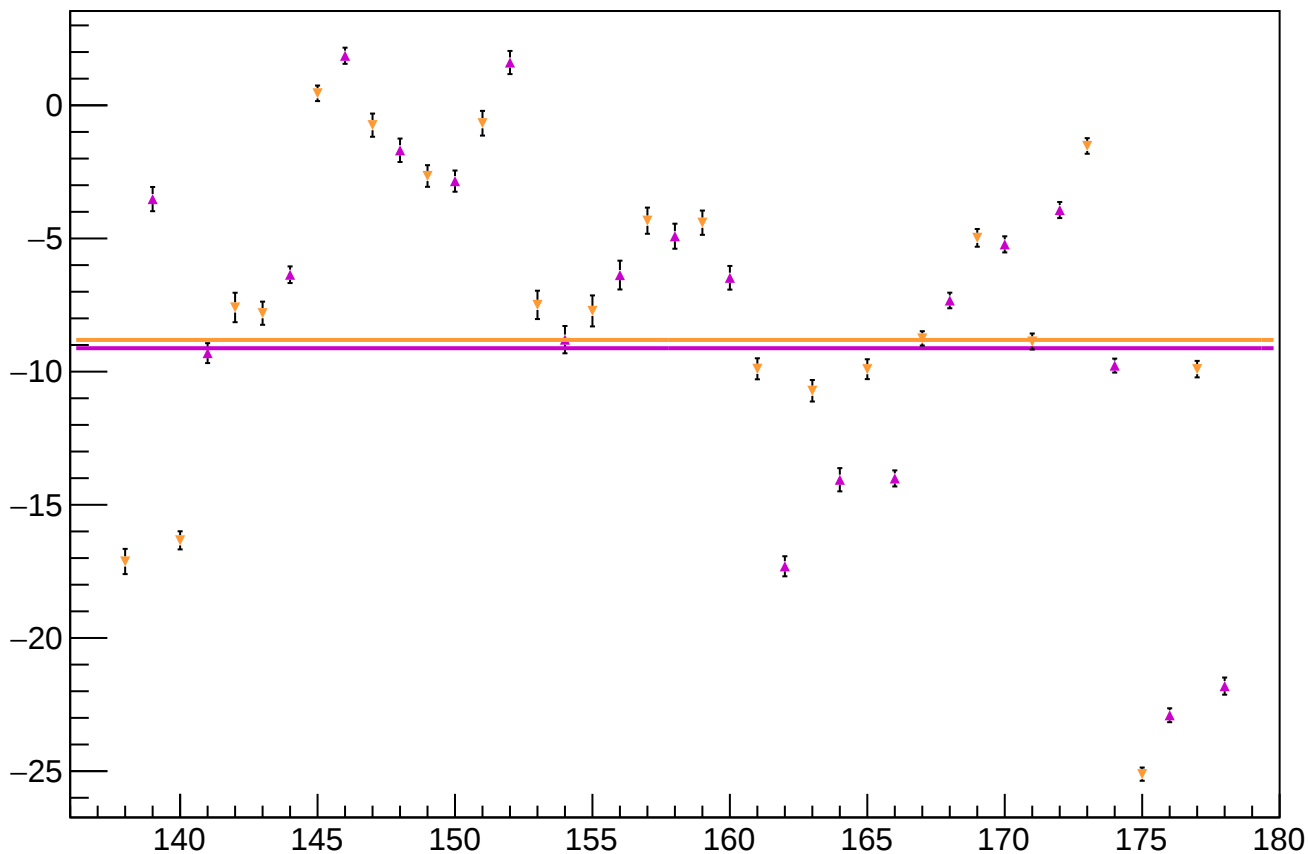
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.142+/-0.001 χ^2/NDF :3593.8/19

Out: -0.146+/-0.001 χ^2/NDF :2102.6/20

All: -0.144+/-0.001 χ^2/NDF : 5700.2/40

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: -8.810+/-0.080 χ^2/NDF : 7959.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.120+/-0.078 χ^2/NDF : 8525.7/19

Left: -8.968+/-0.056 χ^2/NDF : 16492.9/40

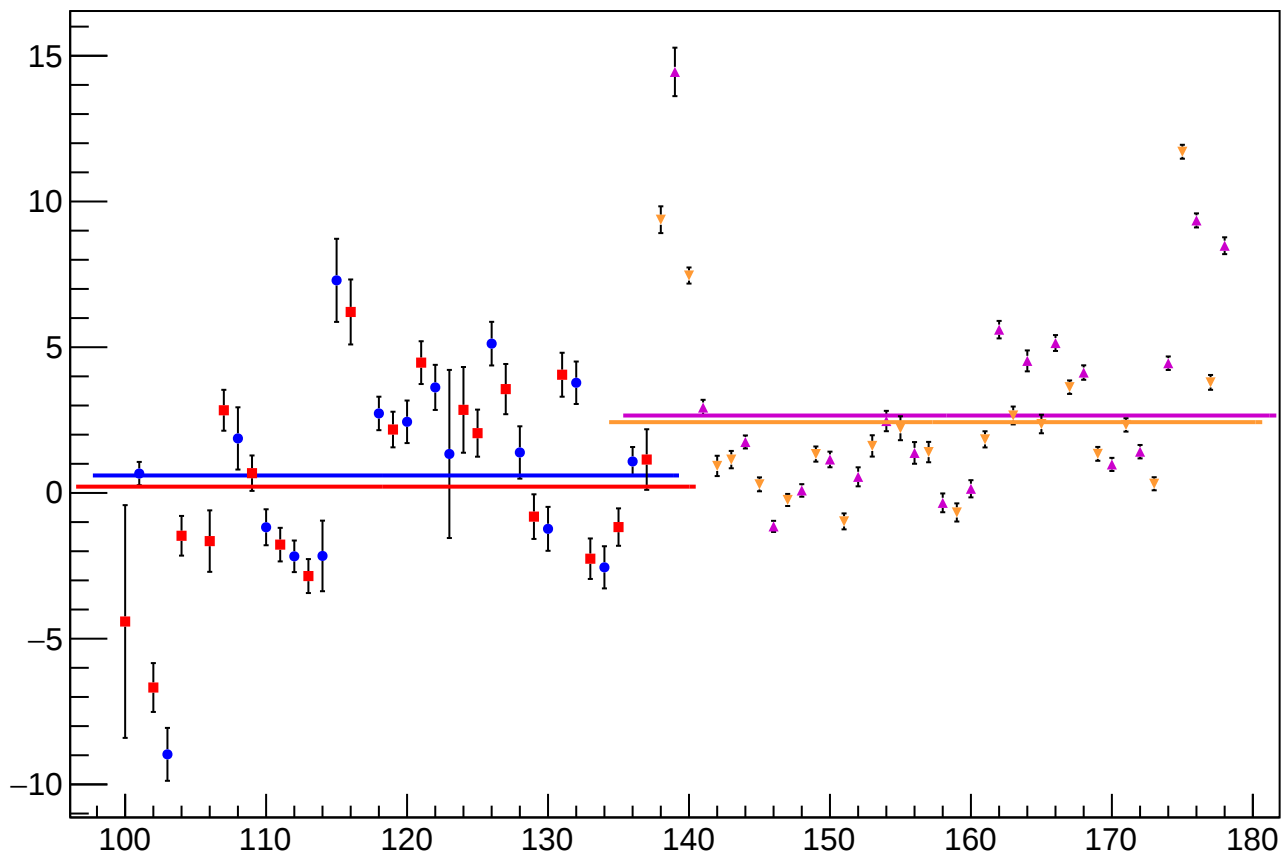
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.120+/-0.078 χ^2/NDF : 8525.7/19

Out: -8.810+/-0.080 χ^2/NDF : 7959.5/20

All: -8.968+/-0.056 χ^2/NDF : 16492.9/40

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: 2.429 $\pm$ 0.060 χ^2 /NDF:2803.7/20

Right Out: 0.216 $\pm$ 0.175 χ^2 /NDF: 274.5/18

Left In: 2.657 $\pm$ 0.060 χ^2 /NDF:2564.8/19

Left: 2.543 $\pm$ 0.042 χ^2 /NDF: 5375.7/40

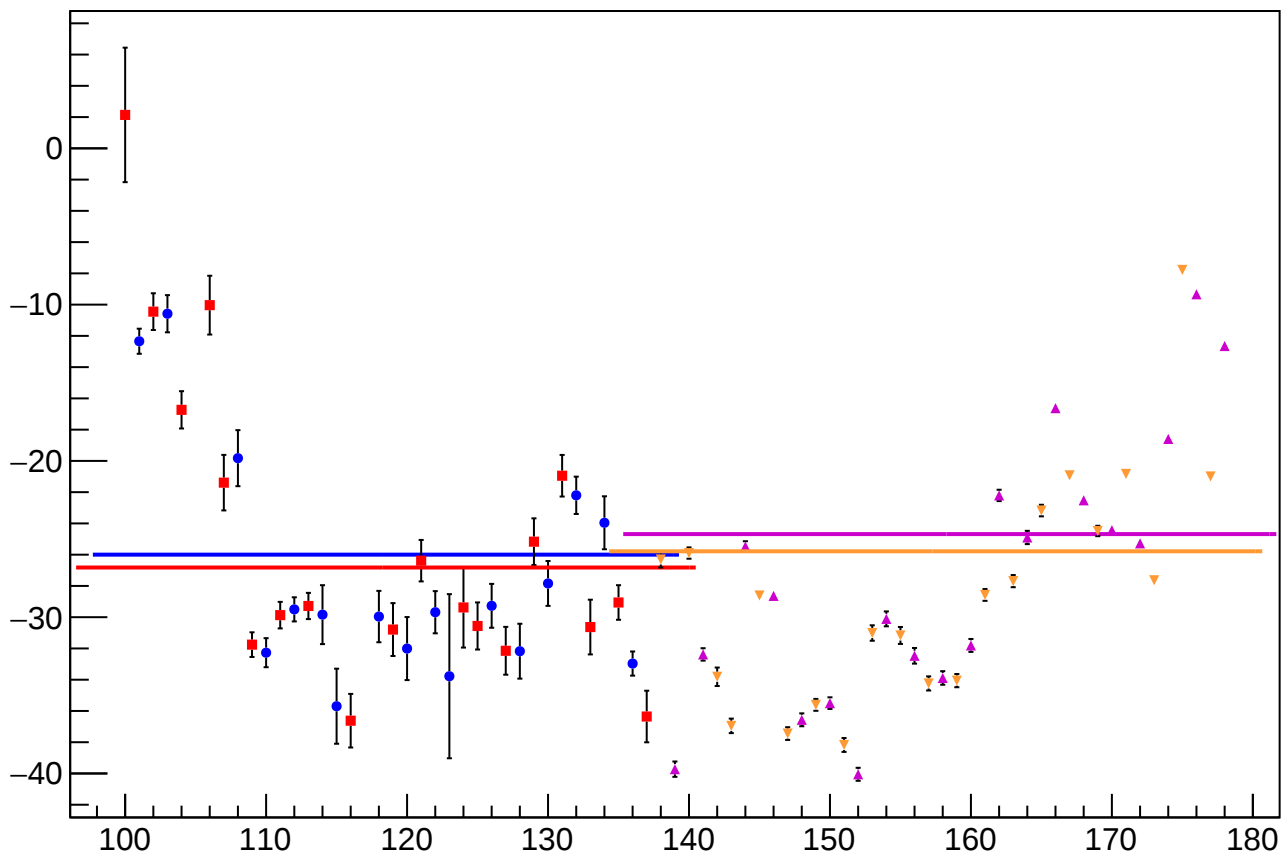
Right: 0.414 $\pm$ 0.122 χ^2 /NDF: 568.9/35

In: 2.428 $\pm$ 0.056 χ^2 /NDF:2988.0/36

Out: 2.197 $\pm$ 0.057 χ^2 /NDF:3222.0/39

All: 2.313 $\pm$ 0.040 χ^2 /NDF: 6218.3/76

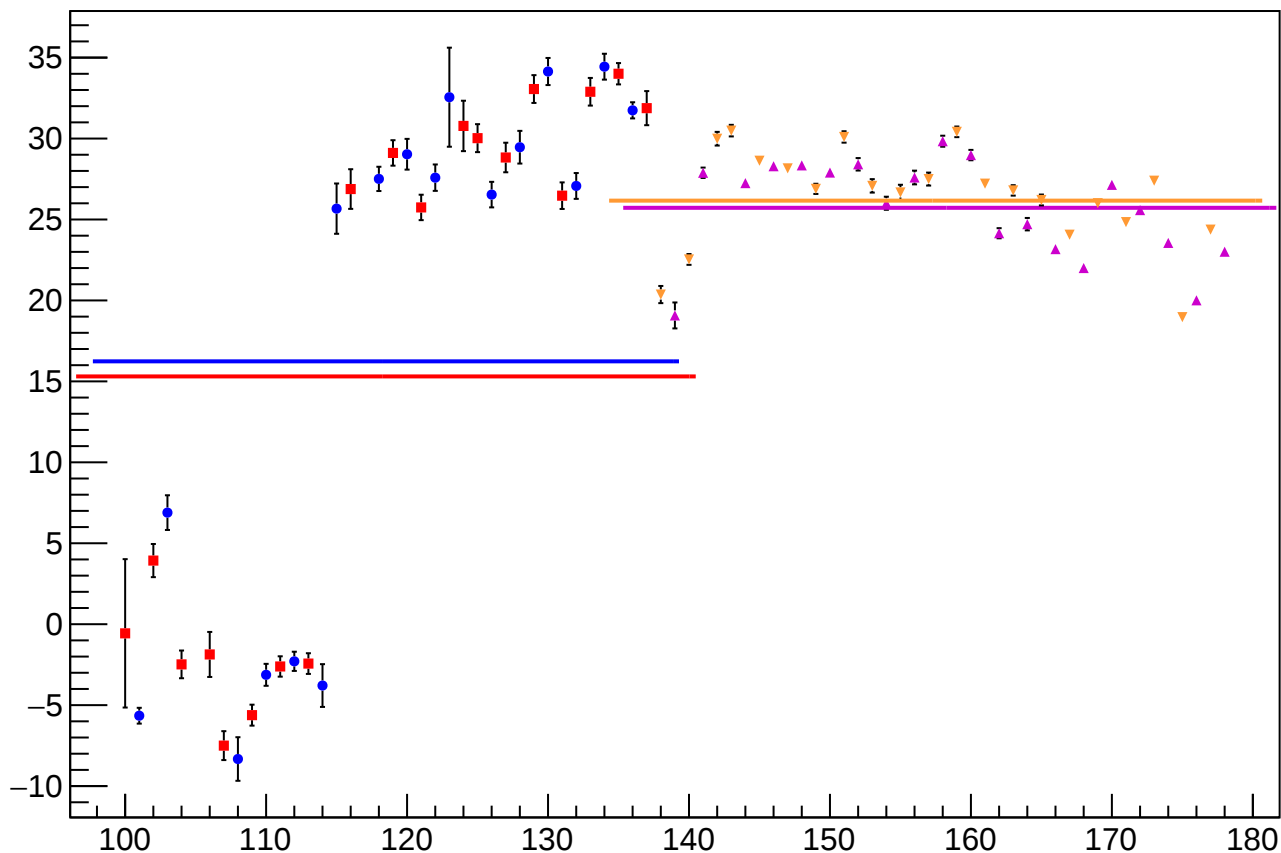
reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16
 Left Out: -25.784 ± 0.080 χ^2/NDF : 10261.9/20
 Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18
 Left In: -24.683 ± 0.078 χ^2/NDF : 11844.6/19

Left: -25.222 ± 0.056 χ^2/NDF : 22203.4/40
 Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35
 In: -24.766 ± 0.076 χ^2/NDF : 12555.2/36
 Out: -25.854 ± 0.077 χ^2/NDF : 10854.1/39
 All: -25.300 ± 0.054 χ^2/NDF : 23510.5/76

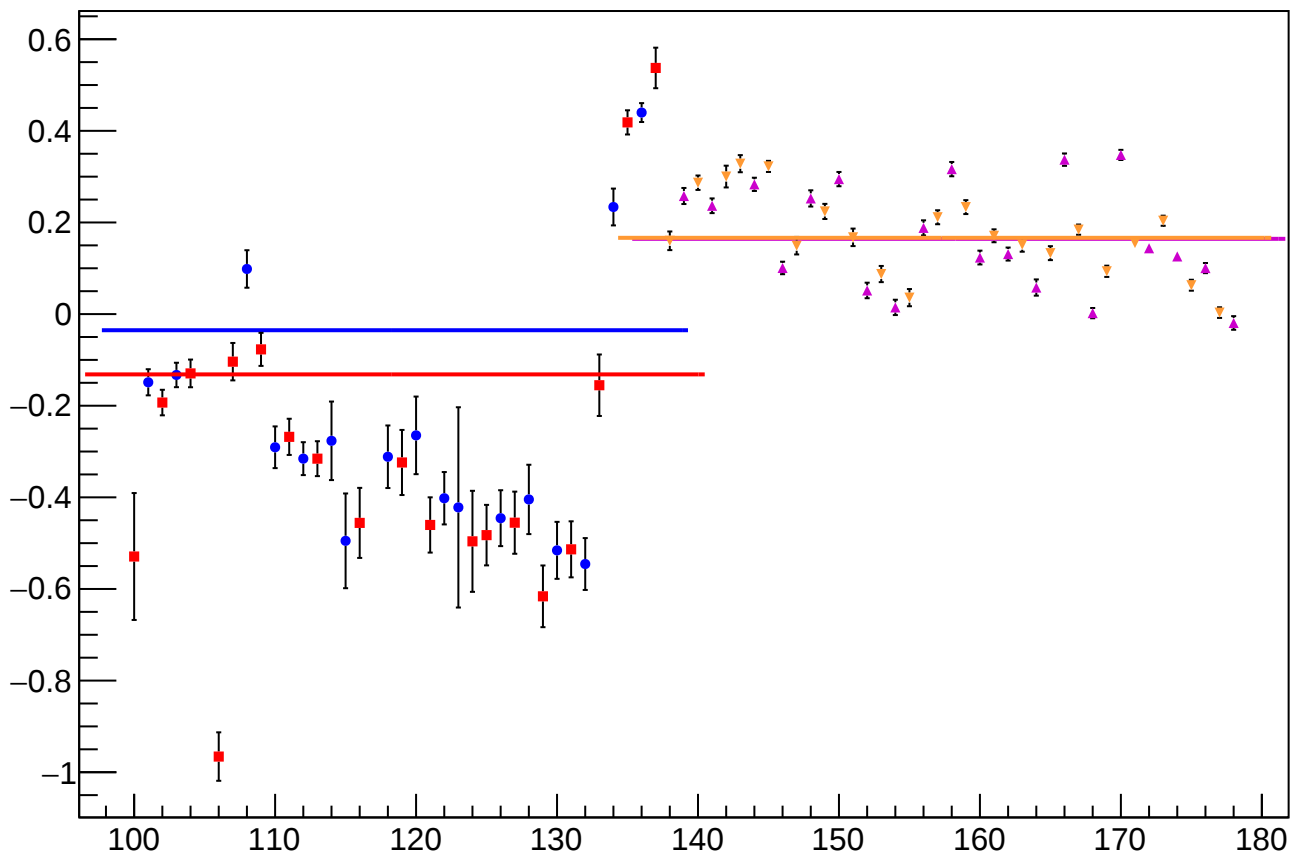
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16
 Left Out: 26.165 $\pm$ 0.068 χ^2 /NDF:1910.3/20
 Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18
 Left In: 25.722 $\pm$ 0.068 χ^2 /NDF:1659.4/19

Left: 25.943 $\pm$ 0.048 χ^2 /NDF: 3591.0/40
 Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35
 In: 24.661 $\pm$ 0.064 χ^2 /NDF:11420.6/36
 Out: 25.009 $\pm$ 0.064 χ^2 /NDF:11897.8/39
 All: 24.834 $\pm$ 0.045 χ^2 /NDF: 23333.1/76

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: 0.166 ± 0.003 χ^2/NDF : 768.3/20

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.164 ± 0.003 χ^2/NDF : 1352.9/19

Left: 0.165 ± 0.002 χ^2/NDF : 2121.5/40

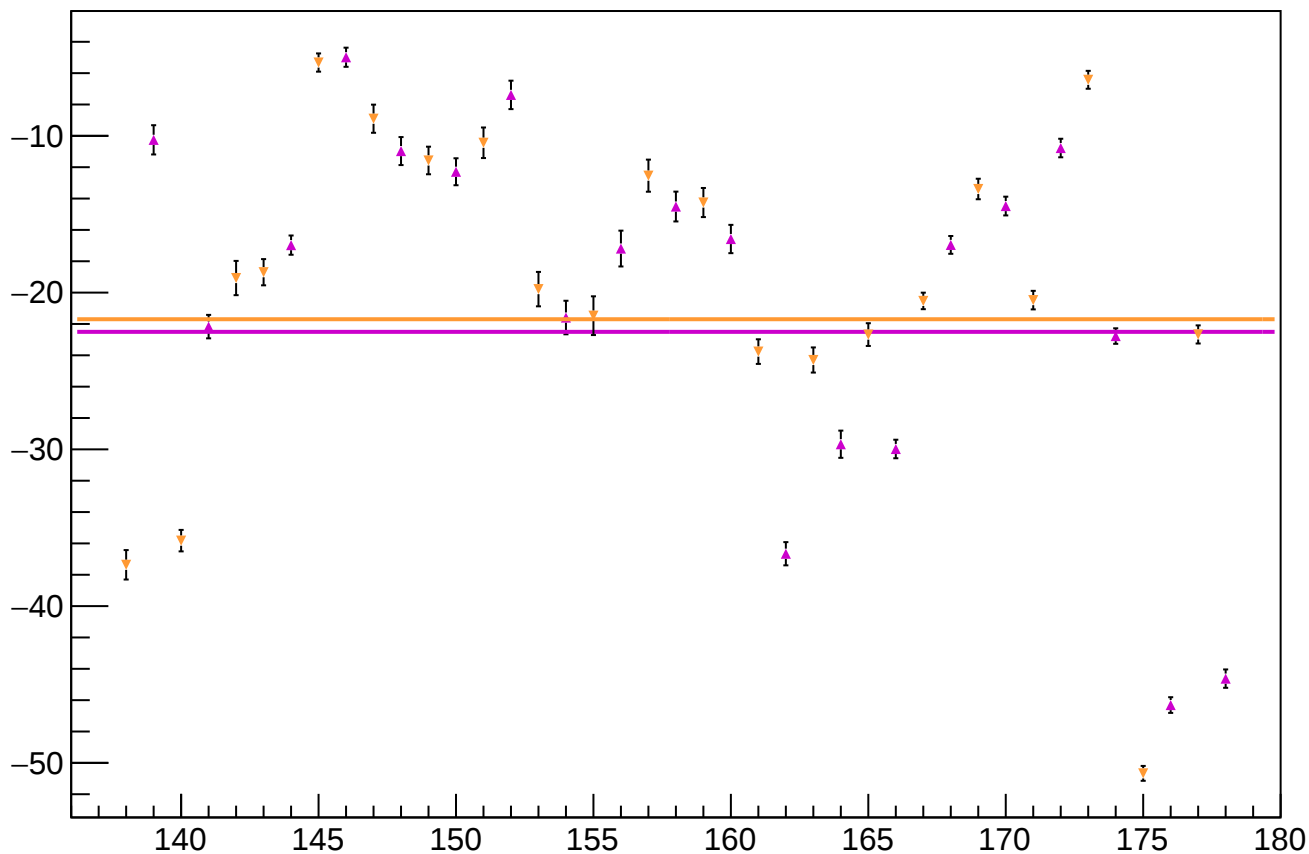
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.148 ± 0.003 χ^2/NDF : 2709.0/36

Out: 0.141 ± 0.003 χ^2/NDF : 2696.4/39

All: 0.145 ± 0.002 χ^2/NDF : 5407.7/76

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: -21.699+/-0.158 χ^2/NDF : 6765.6/20

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

Left In: -22.504+/-0.155 χ^2/NDF : 6745.1/19

Left: -22.110+/-0.111 χ^2/NDF : 13524.0/40

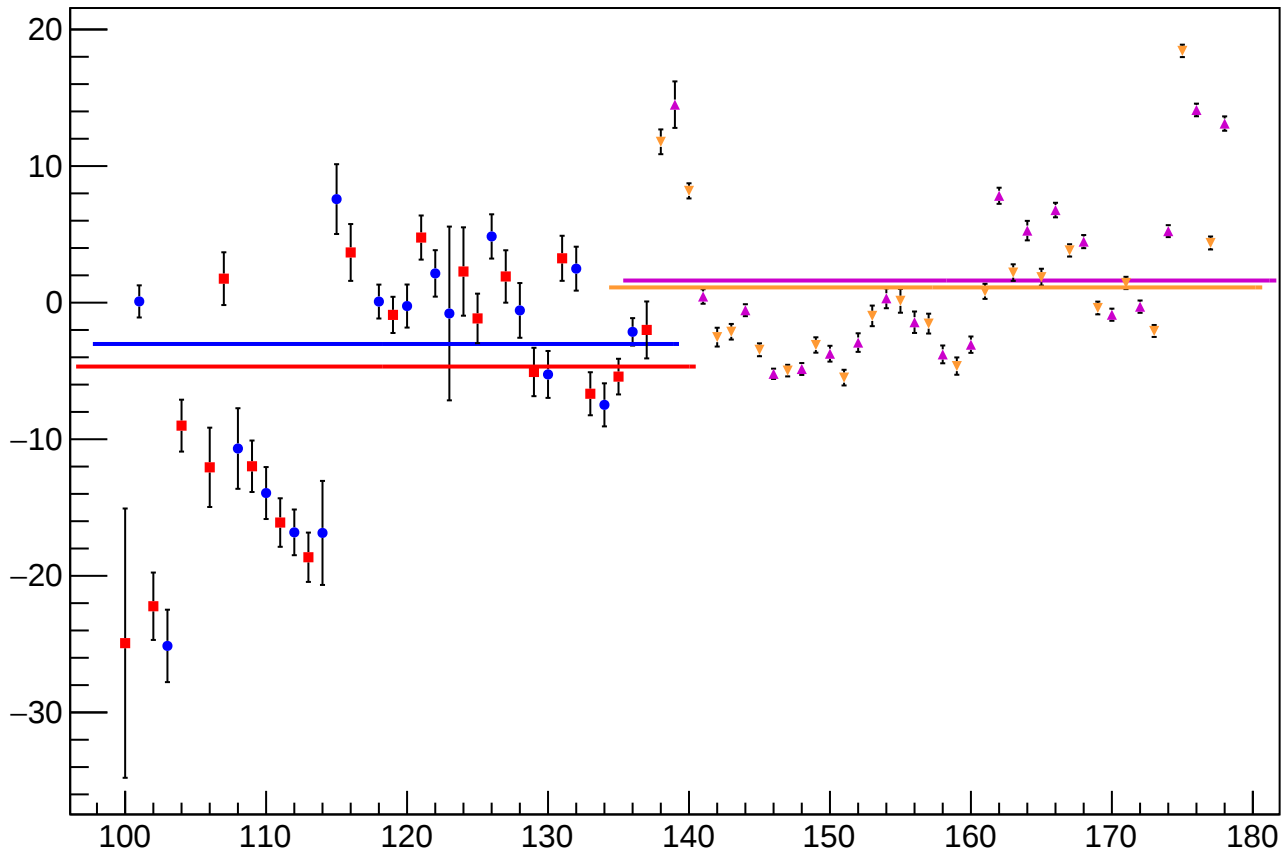
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.504+/-0.155 χ^2/NDF : 6745.1/19

Out: -21.699+/-0.158 χ^2/NDF : 6765.6/20

All: -22.110+/-0.111 χ^2/NDF : 13524.0/40

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: 1.116 ± 0.119 χ^2/NDF : 2551.9/20

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: 1.621 ± 0.118 χ^2/NDF : 2505.9/19

Left: 1.369 ± 0.084 χ^2/NDF : 5066.9/40

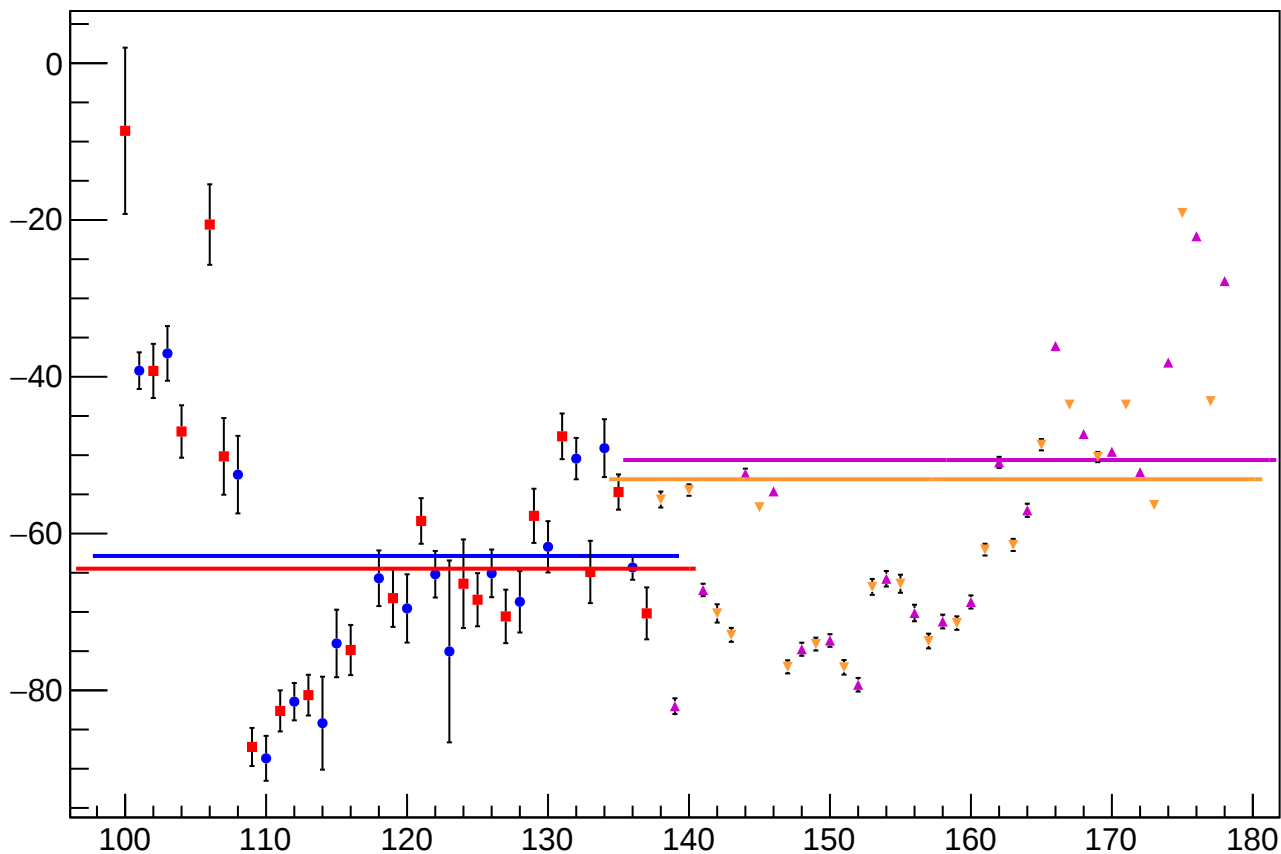
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: 1.260 ± 0.114 χ^2/NDF : 2906.1/36

Out: 0.698 ± 0.114 χ^2/NDF : 3022.5/39

All: 0.981 ± 0.081 χ^2/NDF : 5940.7/76

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -53.072 ± 0.158 χ^2/NDF : 10444.2/20

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -50.620 ± 0.155 χ^2/NDF : 11860.2/19

Left: -51.817 ± 0.111 χ^2/NDF : 22427.3/40

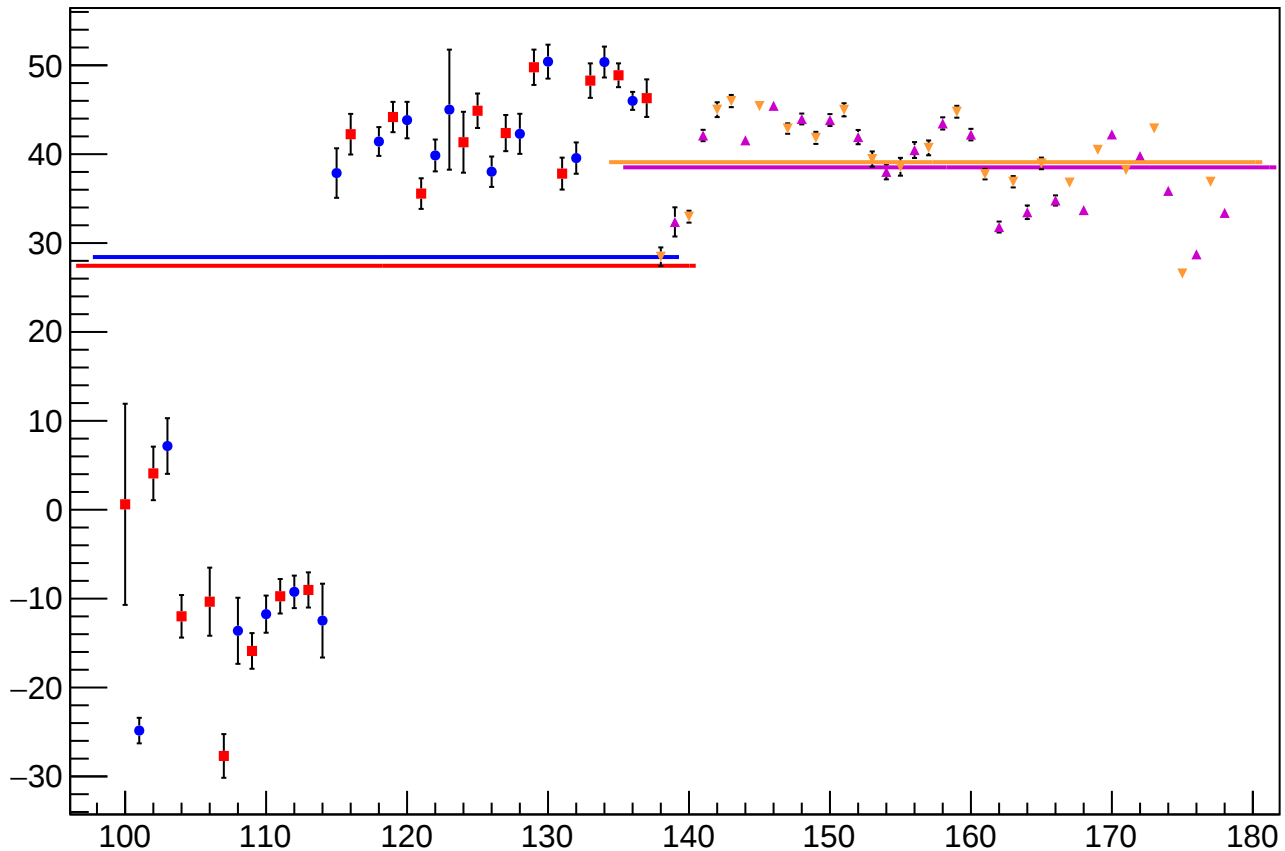
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -51.133 ± 0.151 χ^2/NDF : 12490.7/36

Out: -53.557 ± 0.155 χ^2/NDF : 11109.1/39

All: -52.317 ± 0.108 χ^2/NDF : 23725.2/76

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: 39.101 $\pm$ 0.135 χ^2 /NDF:1485.5/20

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 38.516 $\pm$ 0.134 χ^2 /NDF:1392.7/19

Left: 38.807 $\pm$ 0.095 χ^2 /NDF: 2887.6/40

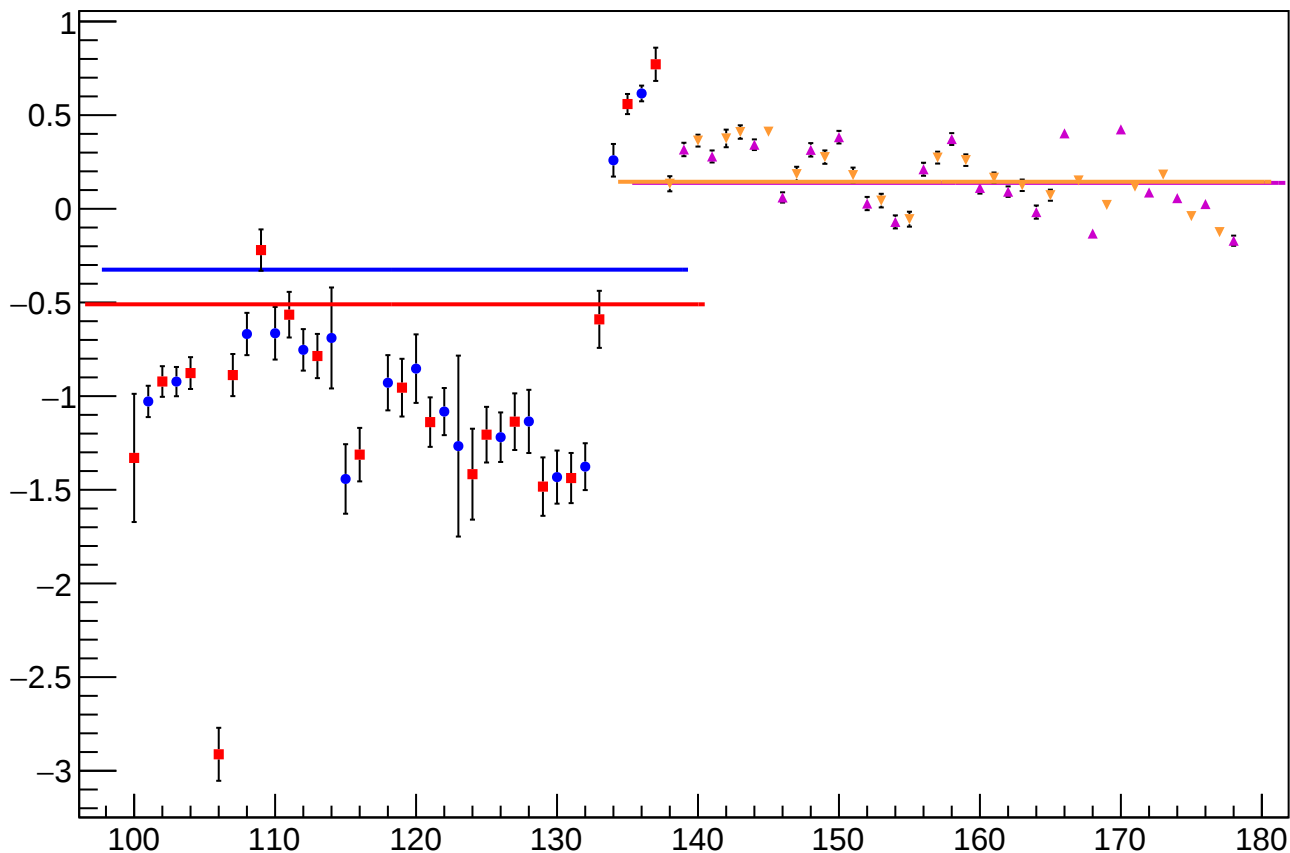
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 37.718 $\pm$ 0.129 χ^2 /NDF:5162.4/36

Out: 38.242 $\pm$ 0.130 χ^2 /NDF:5069.0/39

All: 37.978 $\pm$ 0.091 χ^2 /NDF: 10239.7/76

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: 0.144 ± 0.006 χ^2/NDF : 583.4/20

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.138 ± 0.006 χ^2/NDF : 913.5/19

Left: 0.141 ± 0.004 χ^2/NDF : 1497.3/40

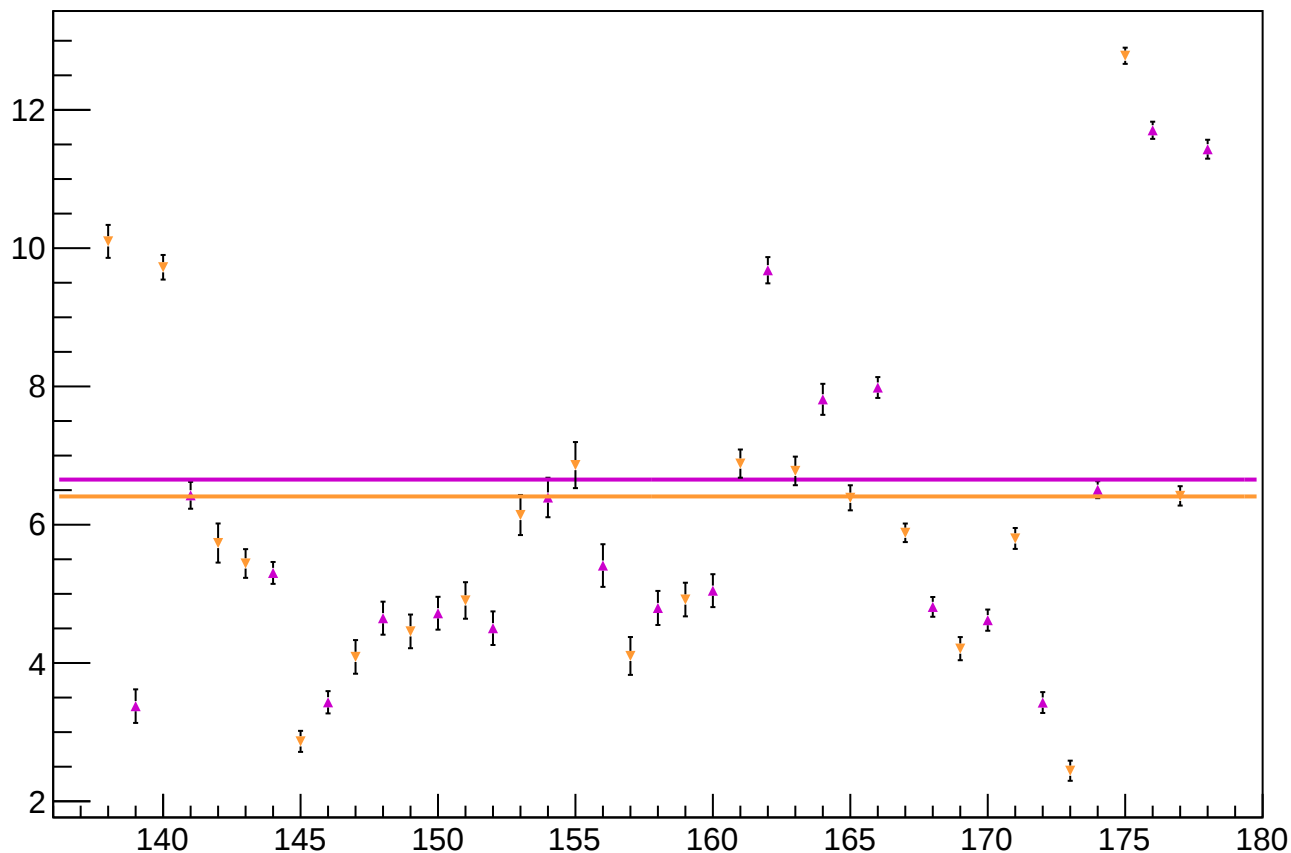
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.112 ± 0.006 χ^2/NDF : 2251.2/36

Out: 0.108 ± 0.006 χ^2/NDF : 2364.7/39

All: 0.110 ± 0.004 χ^2/NDF : 4616.2/76

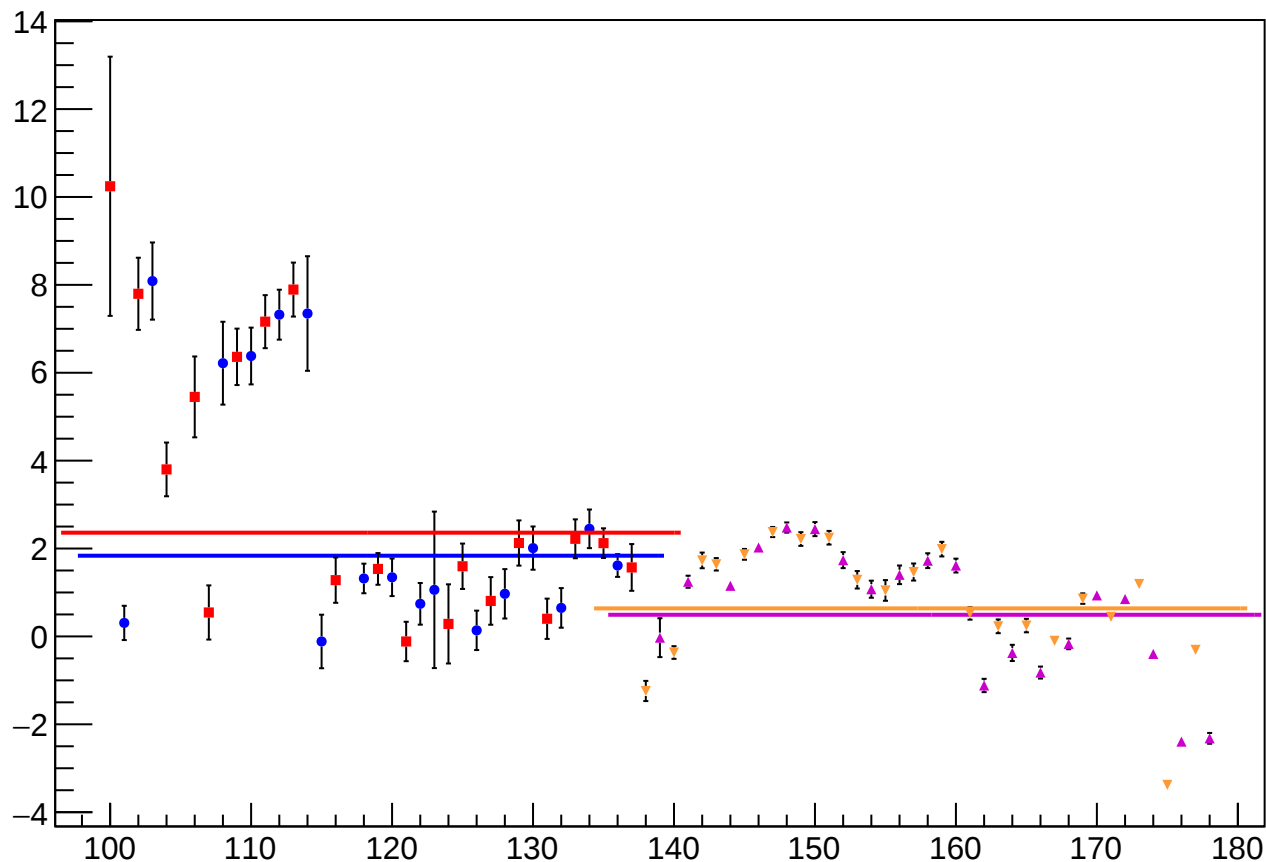
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.409+/-0.040 χ^2/NDF :5371.0/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.653+/-0.039 χ^2/NDF :5023.8/19

Left: 6.534+/-0.028 χ^2/NDF : 10413.4/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.653+/-0.039 χ^2/NDF :5023.8/19
 Out: 6.409+/-0.040 χ^2/NDF :5371.0/20
 All: 6.534+/-0.028 χ^2/NDF : 10413.4/40

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837+/-0.116 χ^2/NDF : 294.1/16

Left Out: 0.638+/-0.031 χ^2/NDF : 2270.7/20

Right Out: 2.361+/-0.122 χ^2/NDF : 336.9/18

Left In: 0.492+/-0.030 χ^2/NDF : 2439.6/19

Left: 0.565+/-0.022 χ^2/NDF : 4721.7/40

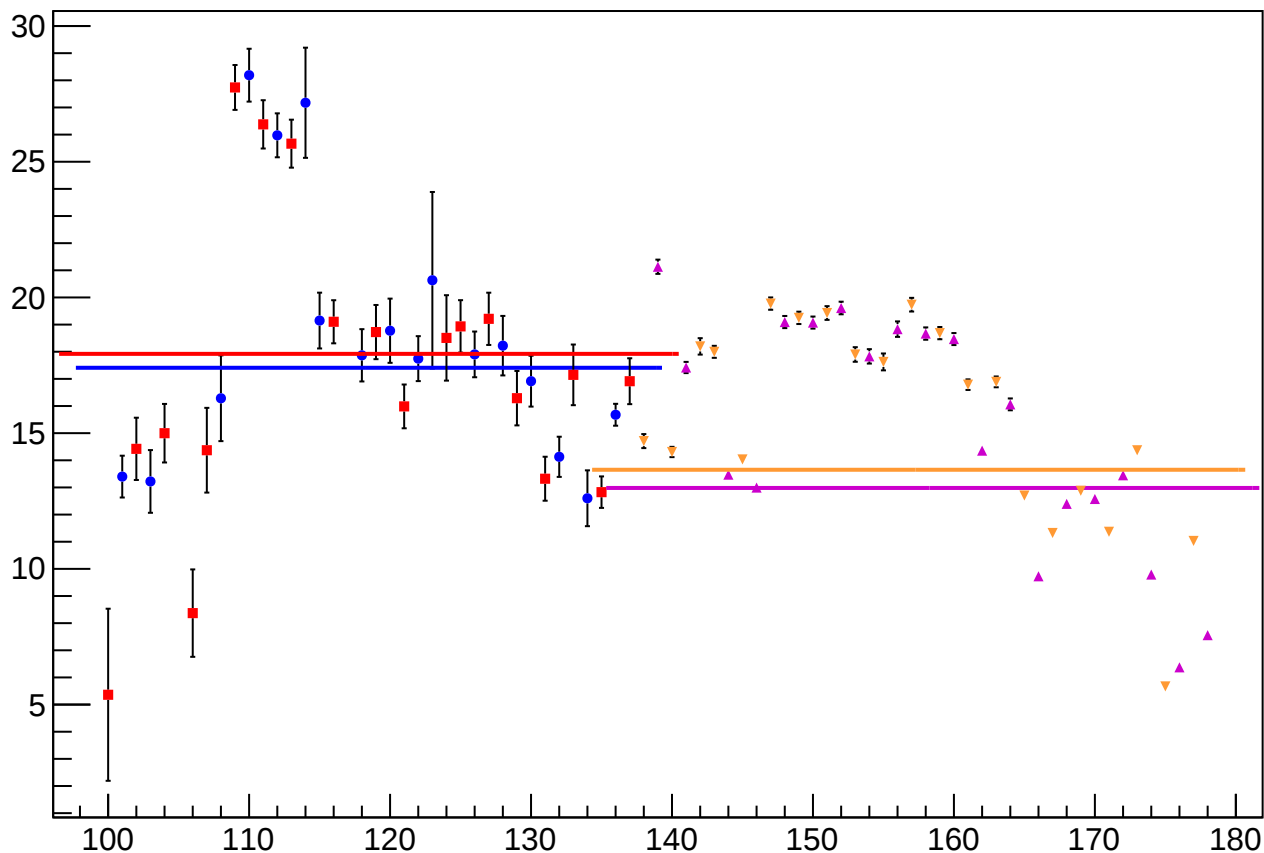
Right: 2.085+/-0.084 χ^2/NDF : 640.7/35

In: 0.578+/-0.029 χ^2/NDF : 2859.0/36

Out: 0.739+/-0.030 χ^2/NDF : 2794.0/39

All: 0.658+/-0.021 χ^2/NDF : 5667.9/76

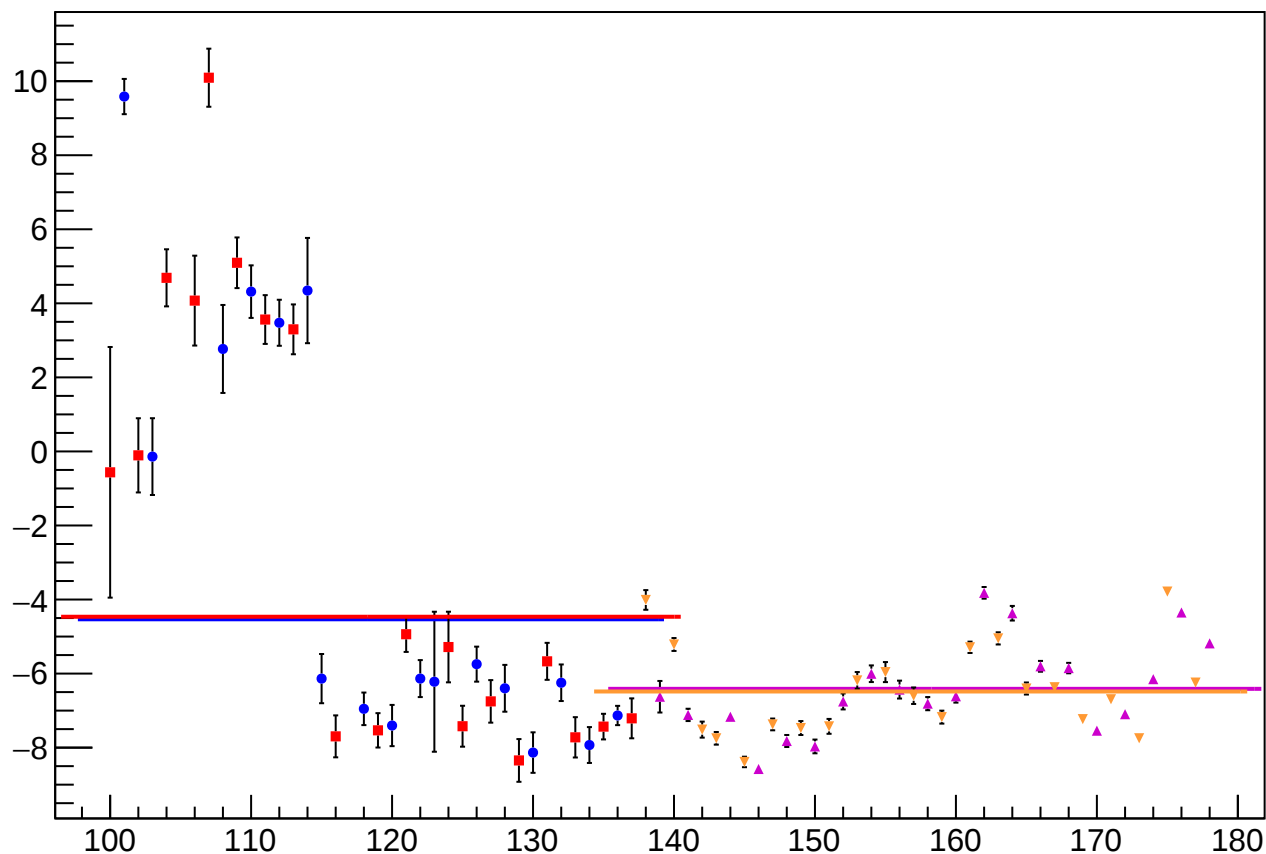
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16
 Left Out: 13.652 $\pm$ 0.041 χ^2 /NDF:10069.9/20
 Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18
 Left In: 12.981 $\pm$ 0.039 χ^2 /NDF:11535.1/19

Left: 13.307 $\pm$ 0.028 χ^2 /NDF: 21745.2/40
 Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35
 In: 13.130 $\pm$ 0.039 χ^2 /NDF:12321.9/36
 Out: 13.794 $\pm$ 0.040 χ^2 /NDF:10944.7/39
 All: 13.453 $\pm$ 0.028 χ^2 /NDF: 23408.9/76

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: -6.483 ± 0.035 χ^2/NDF : 1308.2/20

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.412 ± 0.034 χ^2/NDF : 1411.1/19

Left: -6.447 ± 0.024 χ^2/NDF : 2721.4/40

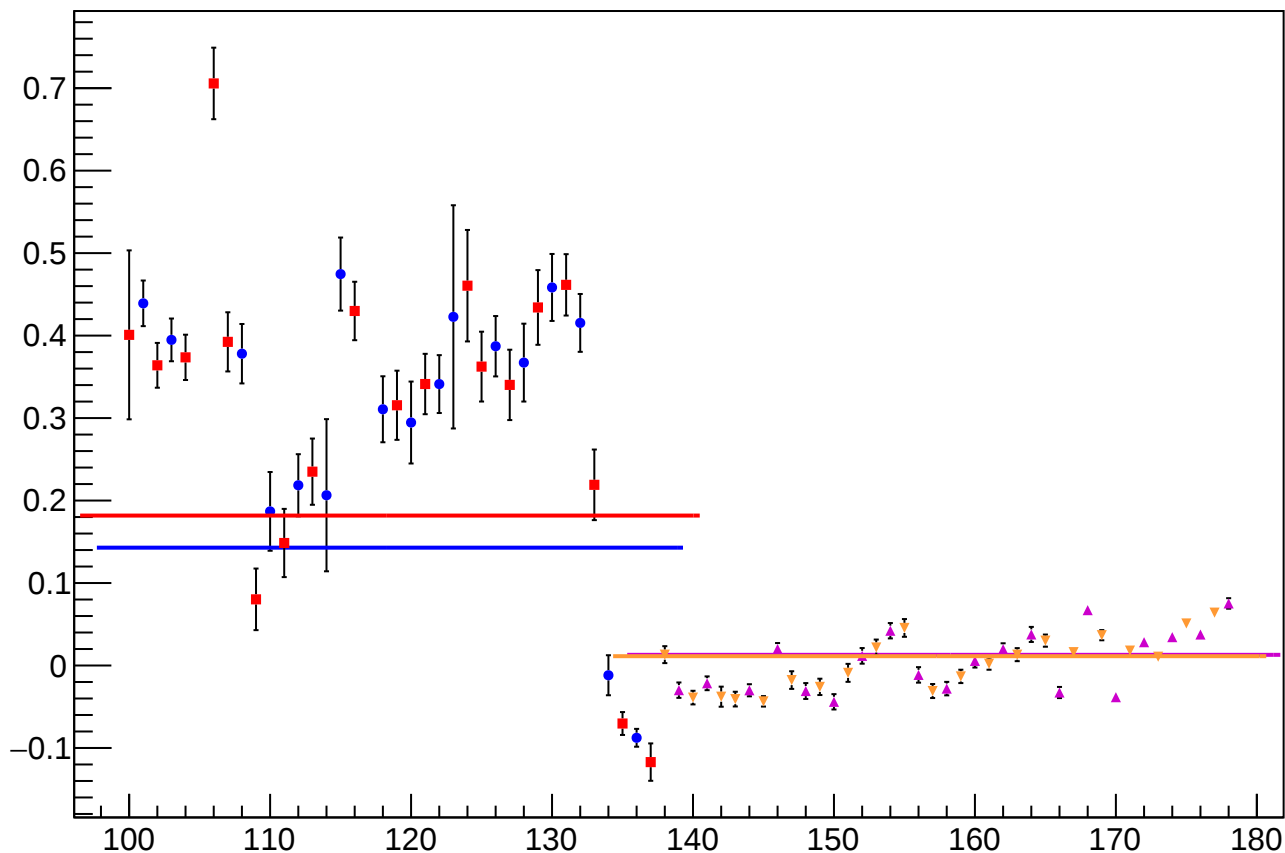
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.289 ± 0.033 χ^2/NDF : 3195.7/36

Out: -6.362 ± 0.034 χ^2/NDF : 2853.4/39

All: -6.325 ± 0.024 χ^2/NDF : 6051.5/76

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: 0.011 ± 0.002 $\chi^2/\text{NDF}: 409.9/20$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: 0.013 ± 0.002 $\chi^2/\text{NDF}: 554.6/19$

Left: 0.012 ± 0.001 $\chi^2/\text{NDF}: 965.1/40$

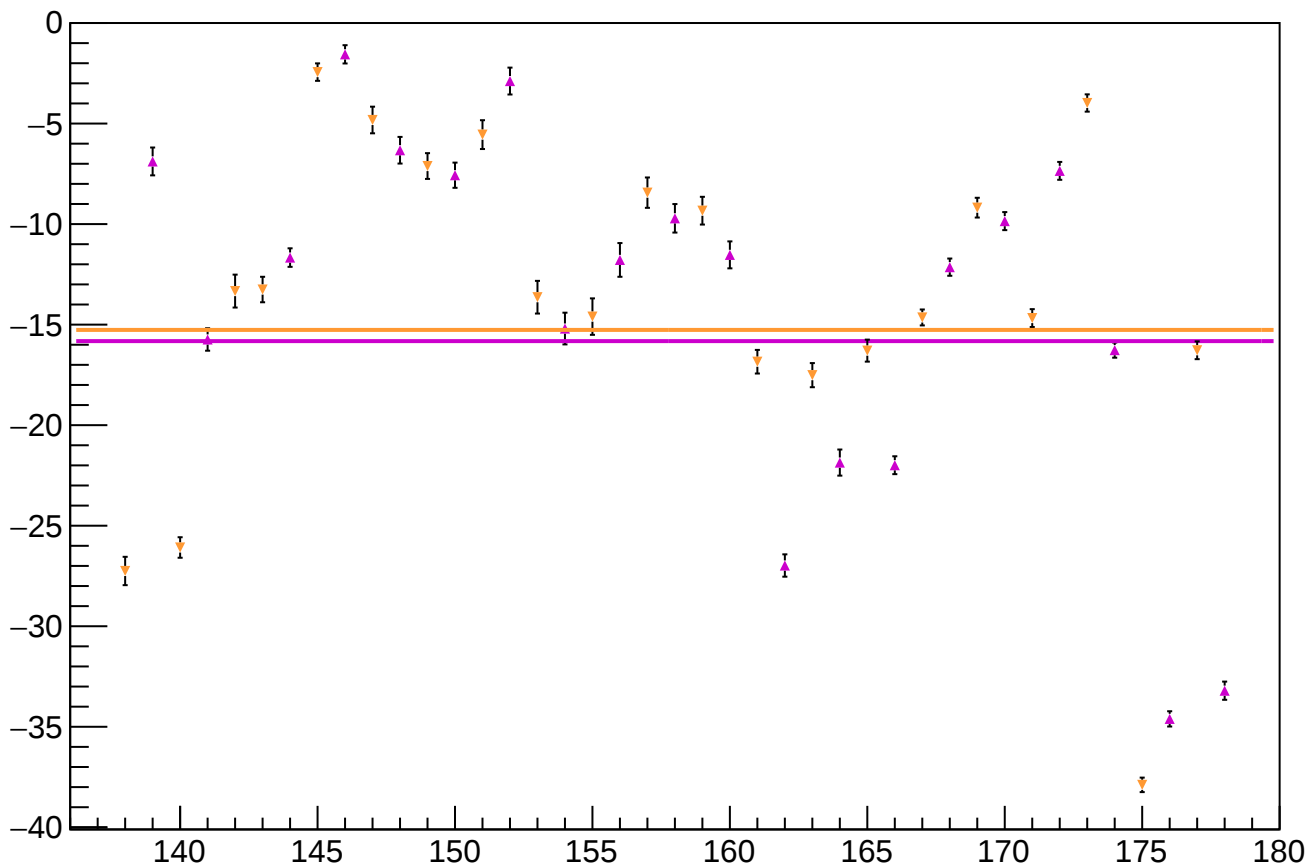
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.019 ± 0.002 $\chi^2/\text{NDF}: 1936.7/36$

Out: 0.019 ± 0.002 $\chi^2/\text{NDF}: 1927.6/39$

All: 0.019 ± 0.001 $\chi^2/\text{NDF}: 3864.2/76$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



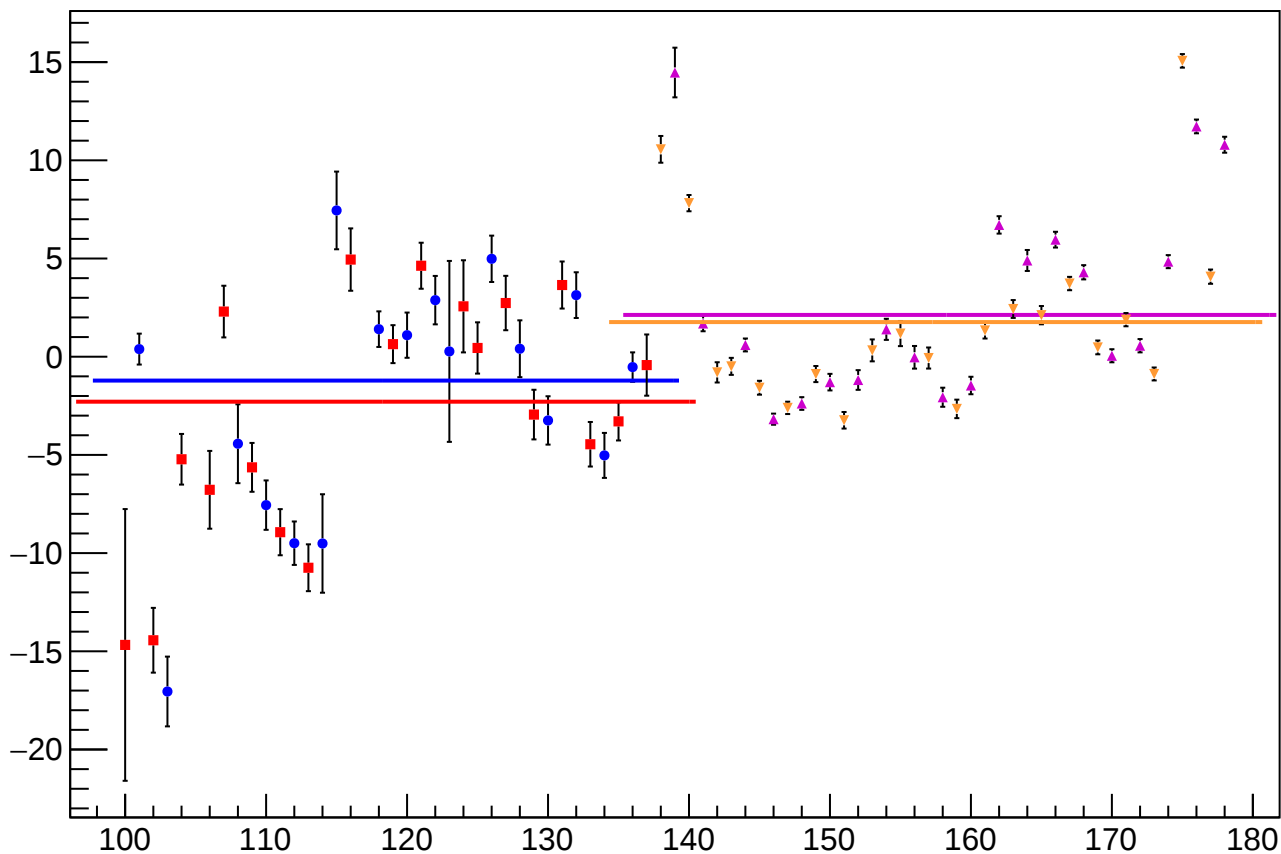
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.263+/-0.119 χ^2/NDF :7195.9/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.820+/-0.116 χ^2/NDF :7346.2/19

Left: -15.547+/-0.083 χ^2/NDF : 14553.4/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.820+/-0.116 χ^2/NDF :7346.2/19
 Out: -15.263+/-0.119 χ^2/NDF :7195.9/20

All: -15.547+/-0.083 χ^2/NDF : 14553.4/40

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: 1.763 ± 0.089 χ^2/NDF : 2639.9/20

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 2.128 ± 0.089 χ^2/NDF : 2523.9/19

Left: 1.946 ± 0.063 χ^2/NDF : 5172.3/40

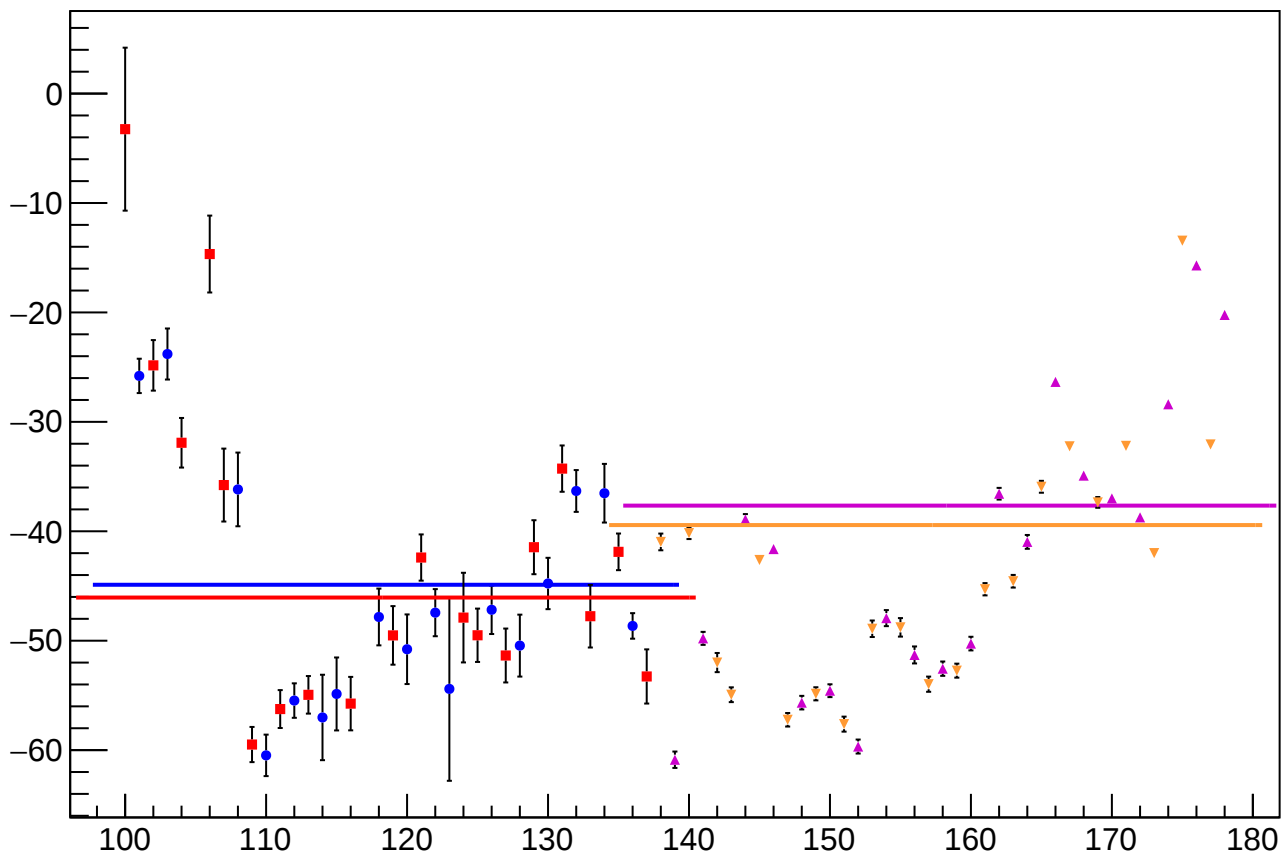
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 1.842 ± 0.085 χ^2/NDF : 2923.9/36

Out: 1.440 ± 0.085 χ^2/NDF : 3092.7/39

All: 1.642 ± 0.060 χ^2/NDF : 6027.7/76

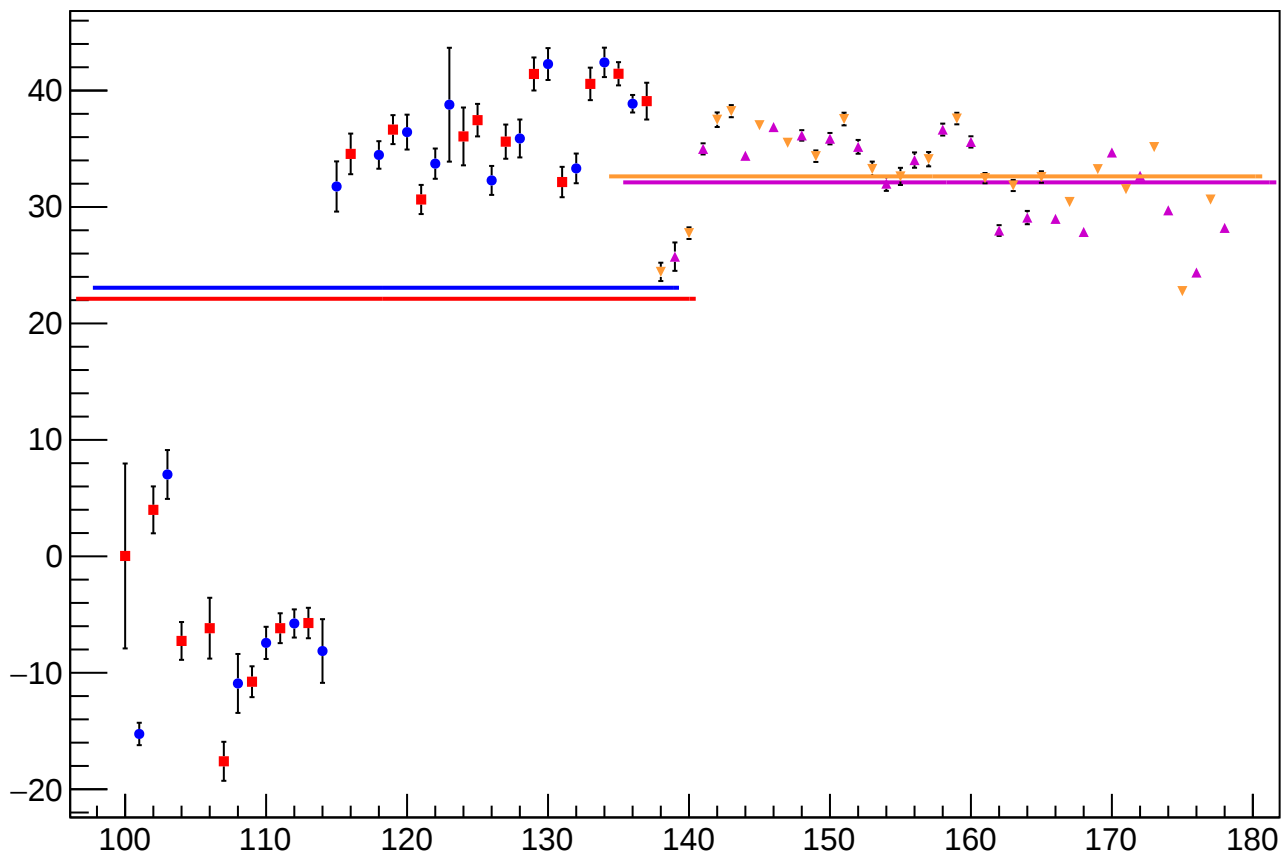
reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16
 Left Out: -39.433 ± 0.119 χ^2/NDF : 10445.1/20
 Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18
 Left In: -37.655 ± 0.116 χ^2/NDF : 11891.9/19

Left: -38.524 ± 0.083 χ^2/NDF : 22451.9/40
 Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35
 In: -37.994 ± 0.113 χ^2/NDF : 12494.4/36
 Out: -39.751 ± 0.116 χ^2/NDF : 11048.6/39
 All: -38.853 ± 0.081 χ^2/NDF : 23660.7/76

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: 32.628 $\pm$ 0.101 χ^2 /NDF:1600.6/20

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 32.114 $\pm$ 0.101 χ^2 /NDF:1449.0/19

Left: 32.370 $\pm$ 0.071 χ^2 /NDF: 3062.6/40

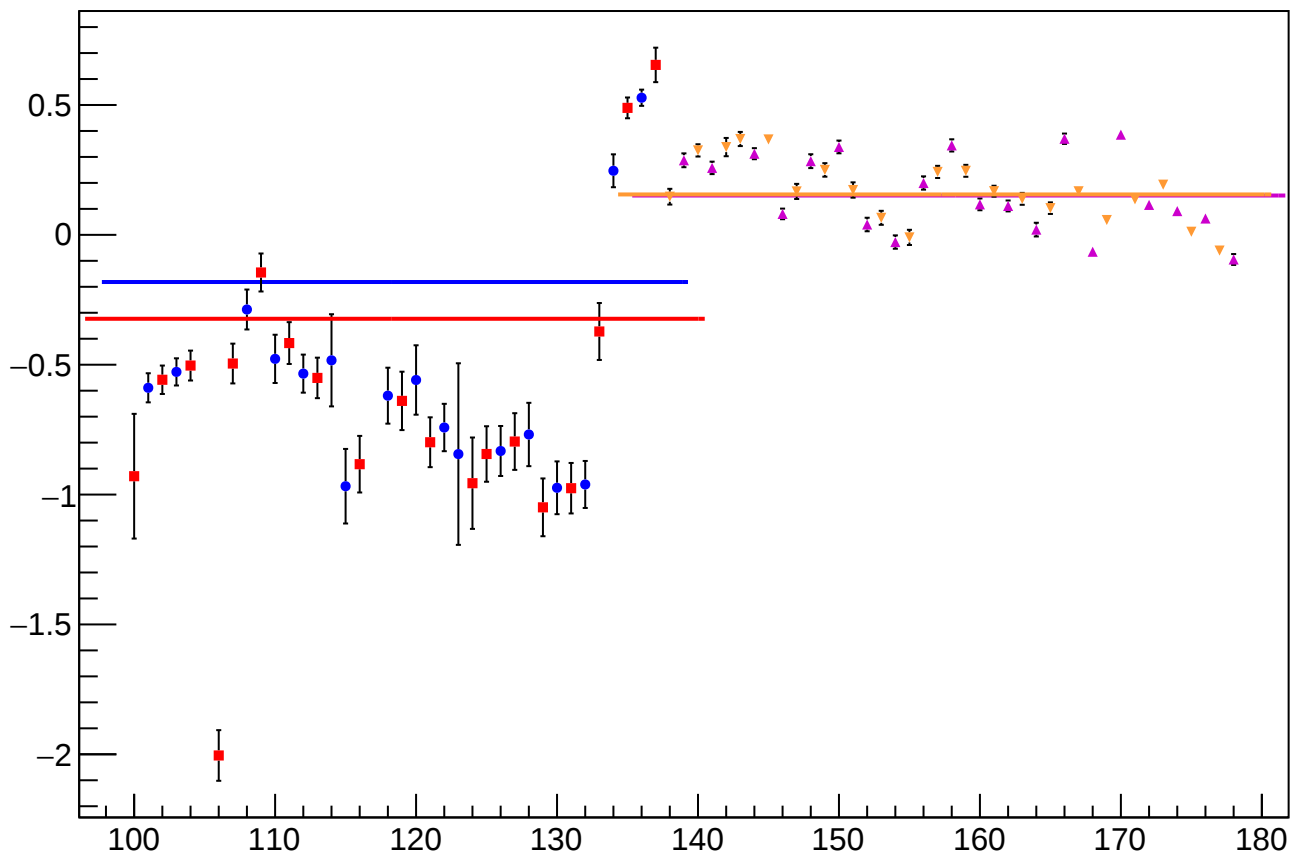
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 31.329 $\pm$ 0.096 χ^2 /NDF:6483.7/36

Out: 31.774 $\pm$ 0.097 χ^2 /NDF:6513.3/39

All: 31.550 $\pm$ 0.068 χ^2 /NDF: 13007.6/76

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: 0.156 ± 0.005 χ^2/NDF : 645.4/20

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.151 ± 0.005 χ^2/NDF : 1054.3/19

Left: 0.153 ± 0.003 χ^2/NDF : 1700.1/40

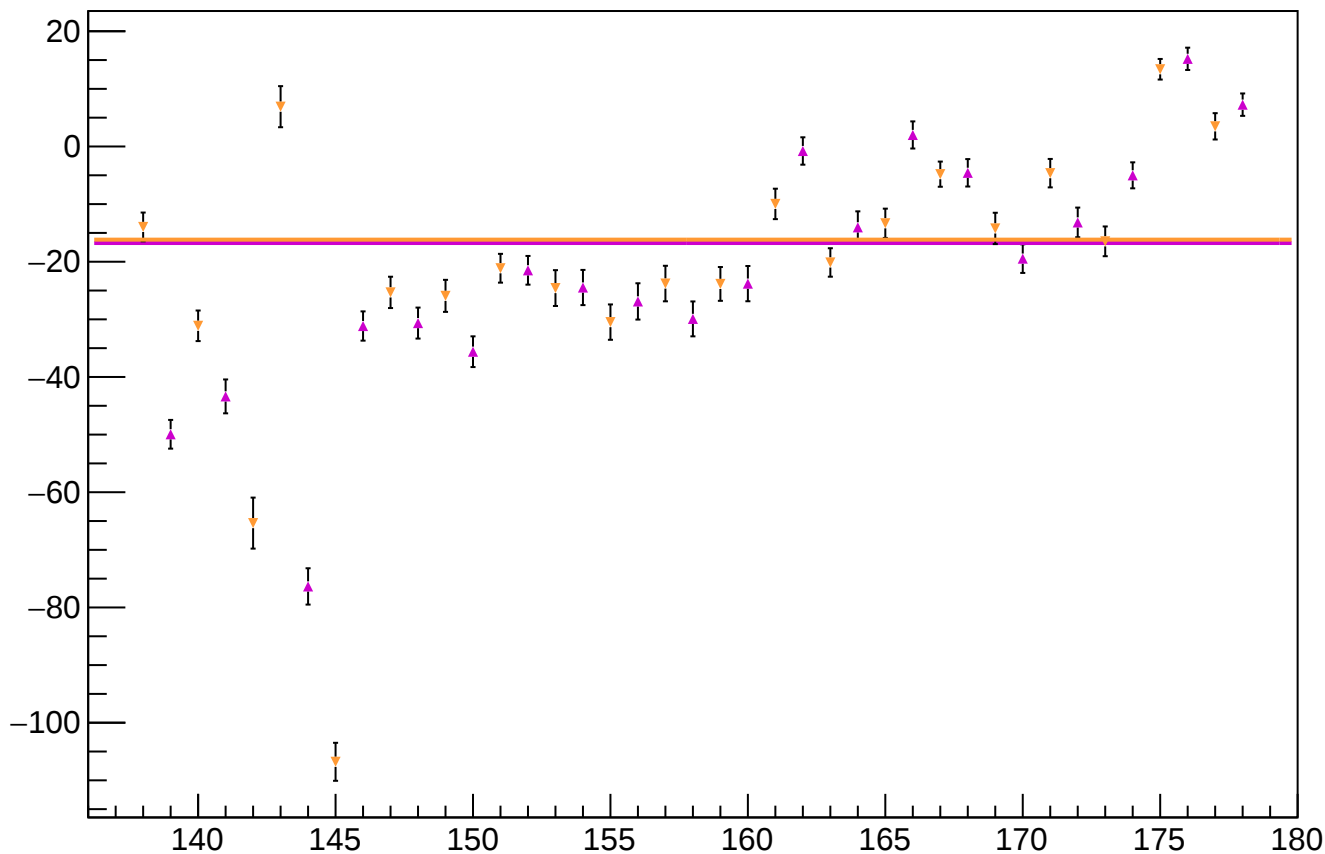
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.130 ± 0.004 χ^2/NDF : 2381.3/36

Out: 0.126 ± 0.005 χ^2/NDF : 2481.0/39

All: 0.128 ± 0.003 χ^2/NDF : 4862.8/76

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -16.167+/-0.577 χ^2/NDF :1429.5/20

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

Left In: -16.754+/-0.568 χ^2/NDF :1361.7/19

Left: -16.465+/-0.405 χ^2/NDF : 2791.8/40

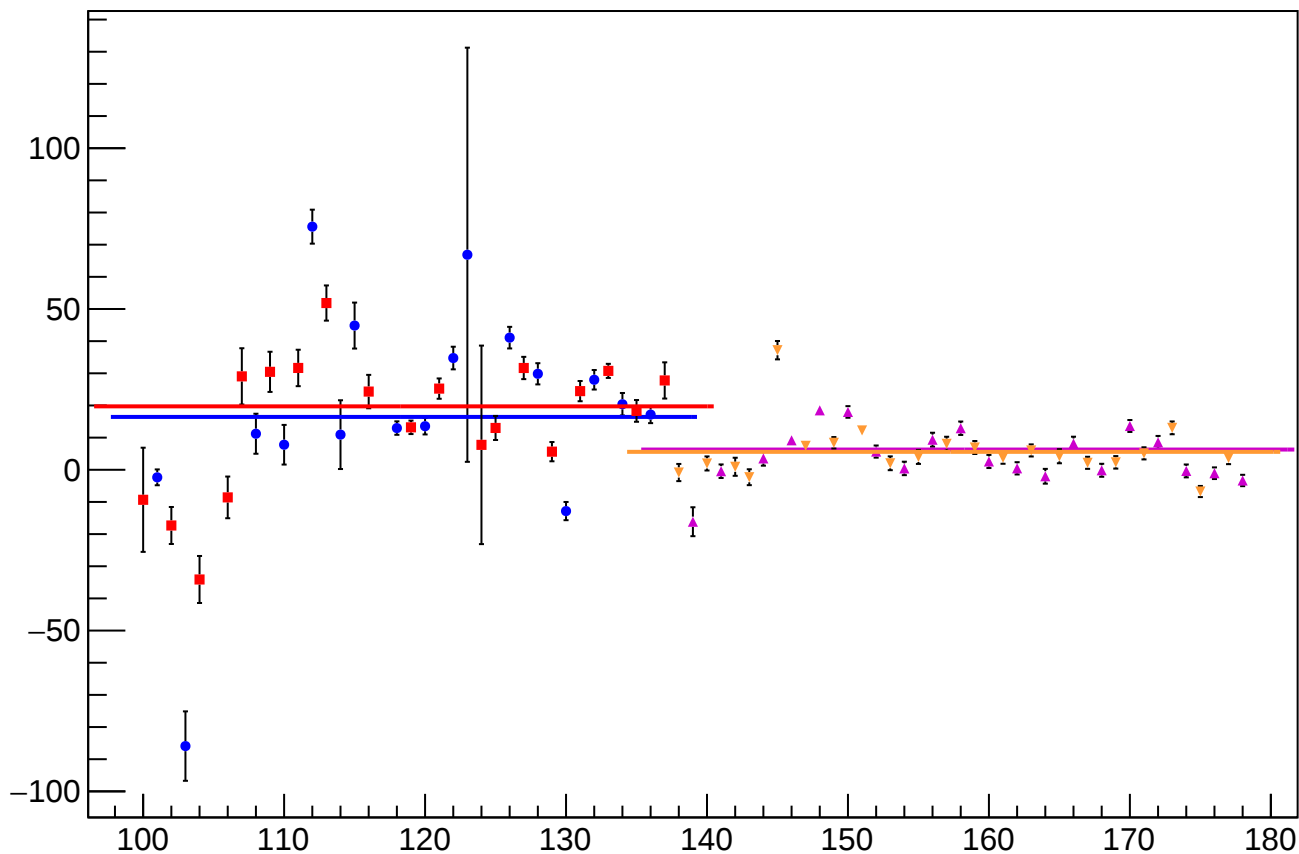
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.754+/-0.568 χ^2/NDF :1361.7/19

Out: -16.167+/-0.577 χ^2/NDF :1429.5/20

All: -16.465+/-0.405 χ^2/NDF : 2791.8/40

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: 5.579 $\pm$ 0.426 χ^2 /NDF: 248.9/20

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 6.292 $\pm$ 0.432 χ^2 /NDF: 300.0/19

Left: 5.930 $\pm$ 0.303 χ^2 /NDF: 550.3/40

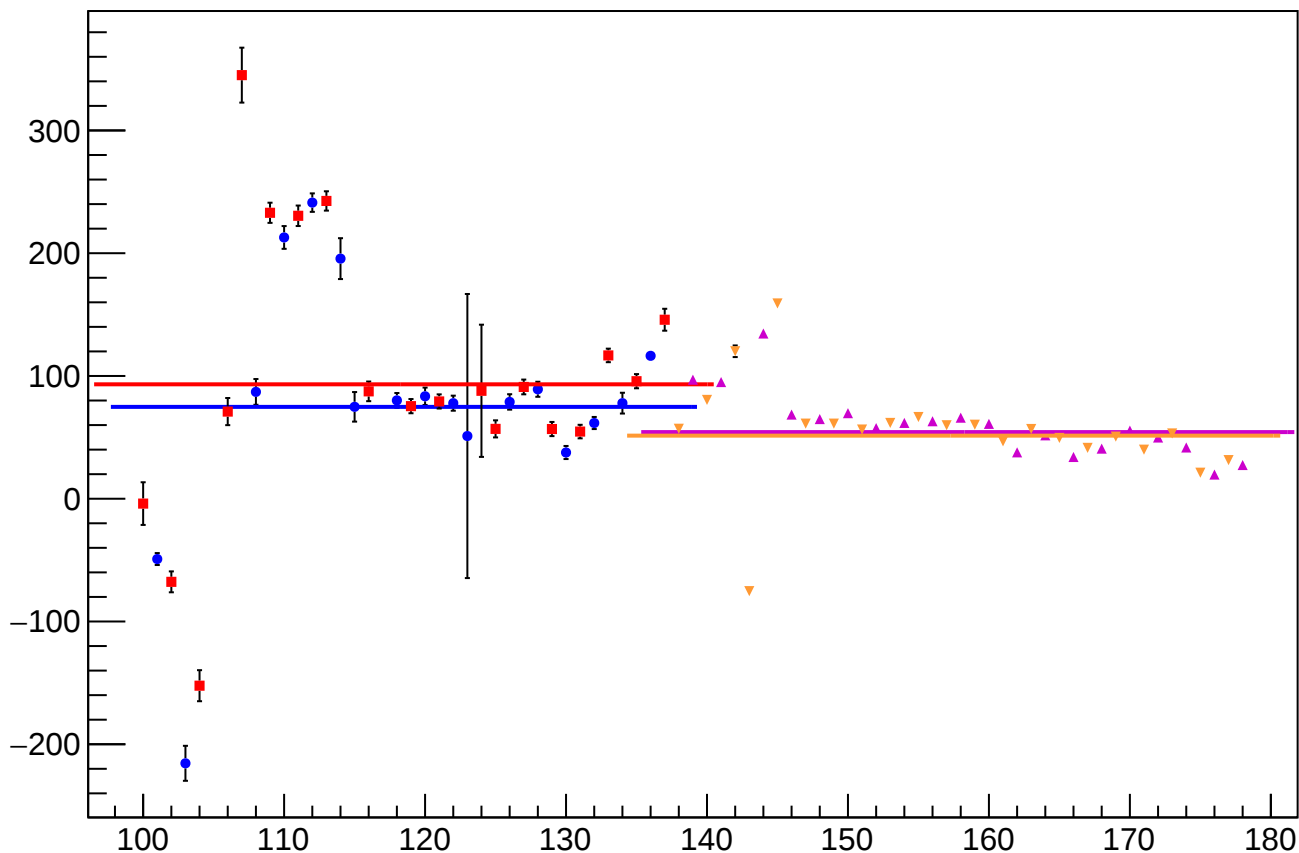
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 8.382 $\pm$ 0.385 χ^2 /NDF: 930.5/36

Out: 8.175 $\pm$ 0.385 χ^2 /NDF: 693.2/39

All: 8.279 $\pm$ 0.272 χ^2 /NDF: 1623.9/76

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 51.395+/-0.571 χ^2/NDF : 2927.5/20

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 54.282+/-0.561 χ^2/NDF : 1824.1/19

Left: 52.862+/-0.400 χ^2/NDF : 4764.6/40

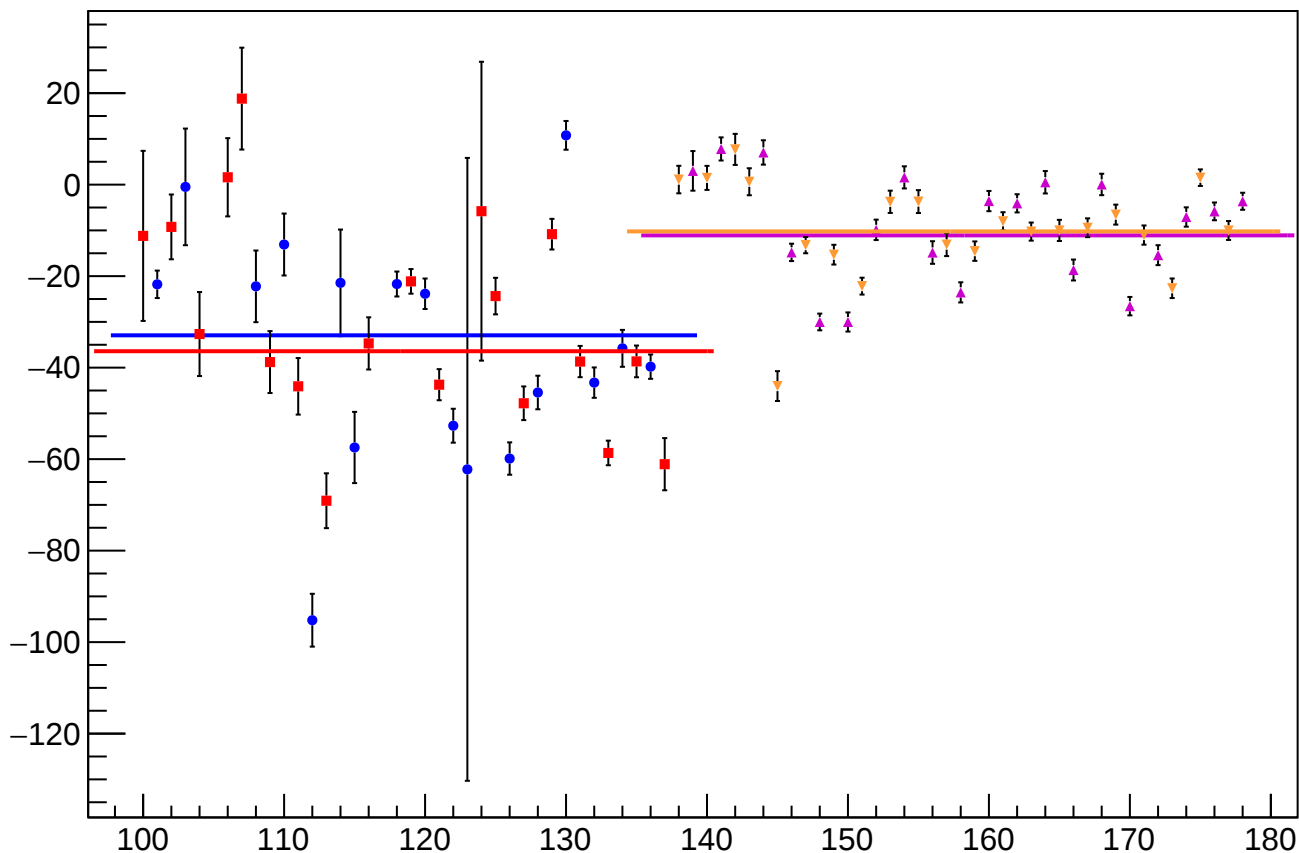
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 56.439+/-0.531 χ^2/NDF : 3961.6/36

Out: 55.576+/-0.541 χ^2/NDF : 5465.1/39

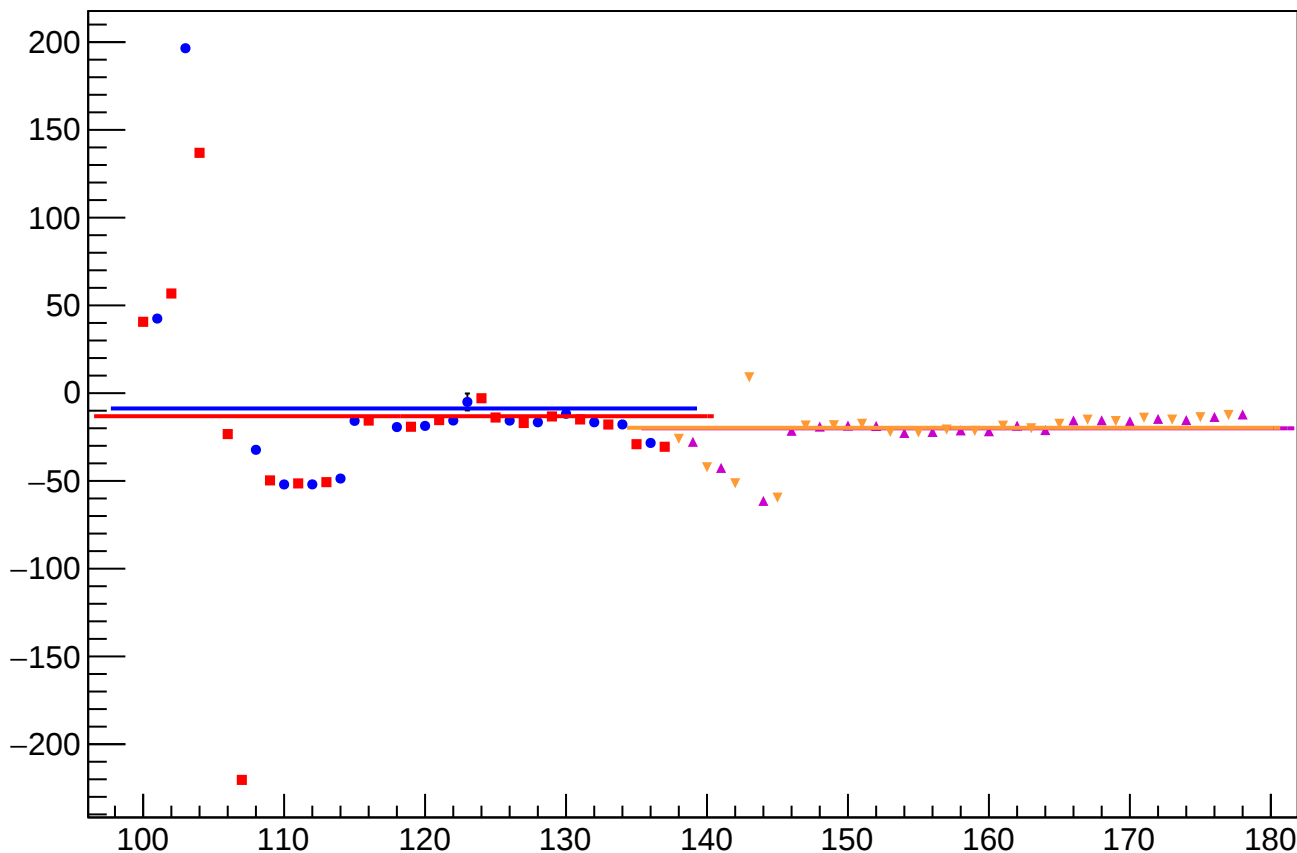
All: 56.016+/-0.379 χ^2/NDF : 9428.0/76

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -10.651 ± 0.346 $\chi^2/\text{NDF}: 872.2/40$
 Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$
 In: -15.535 ± 0.439 $\chi^2/\text{NDF}: 1429.7/36$
 Out: -15.048 ± 0.440 $\chi^2/\text{NDF}: 1160.4/39$
 All: -15.292 ± 0.311 $\chi^2/\text{NDF}: 2590.7/76$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -19.724 ± 0.023 $\chi^2/\text{NDF}: 212408.8/20$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -20.030 ± 0.022 $\chi^2/\text{NDF}: 145467.2/19$

Left: -19.879 ± 0.016 $\chi^2/\text{NDF}: 357969.4/40$

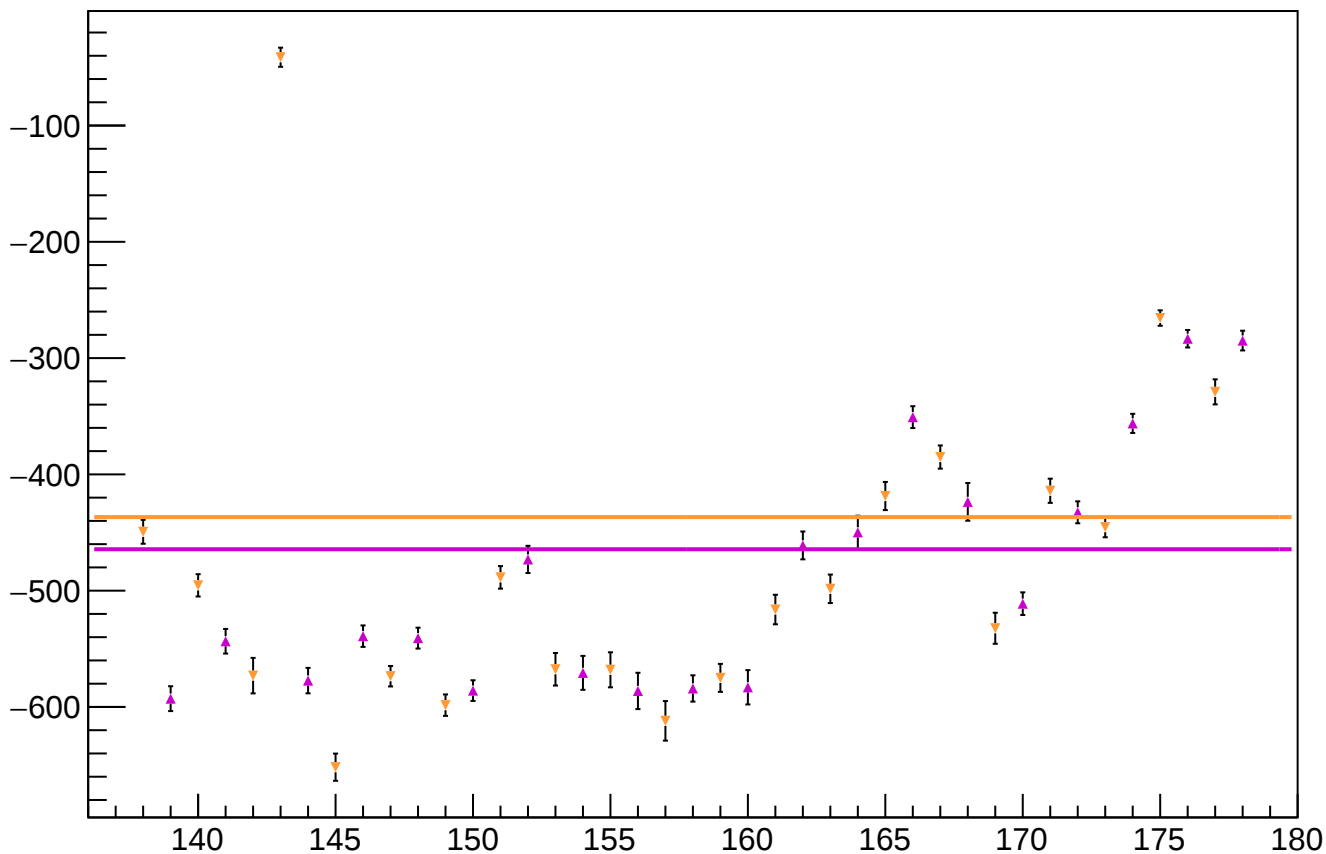
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -18.618 ± 0.021 $\chi^2/\text{NDF}: 753592.9/36$

Out: -18.950 ± 0.021 $\chi^2/\text{NDF}: 781080.6/39$

All: -18.781 ± 0.015 $\chi^2/\text{NDF}: 1534798.6/76$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -436.733+/-2.289 χ^2/NDF :4660.6/20

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

Left In: -464.374+/-2.316 χ^2/NDF :2309.8/19

Left: -450.389+/-1.628 χ^2/NDF : 7042.4/40

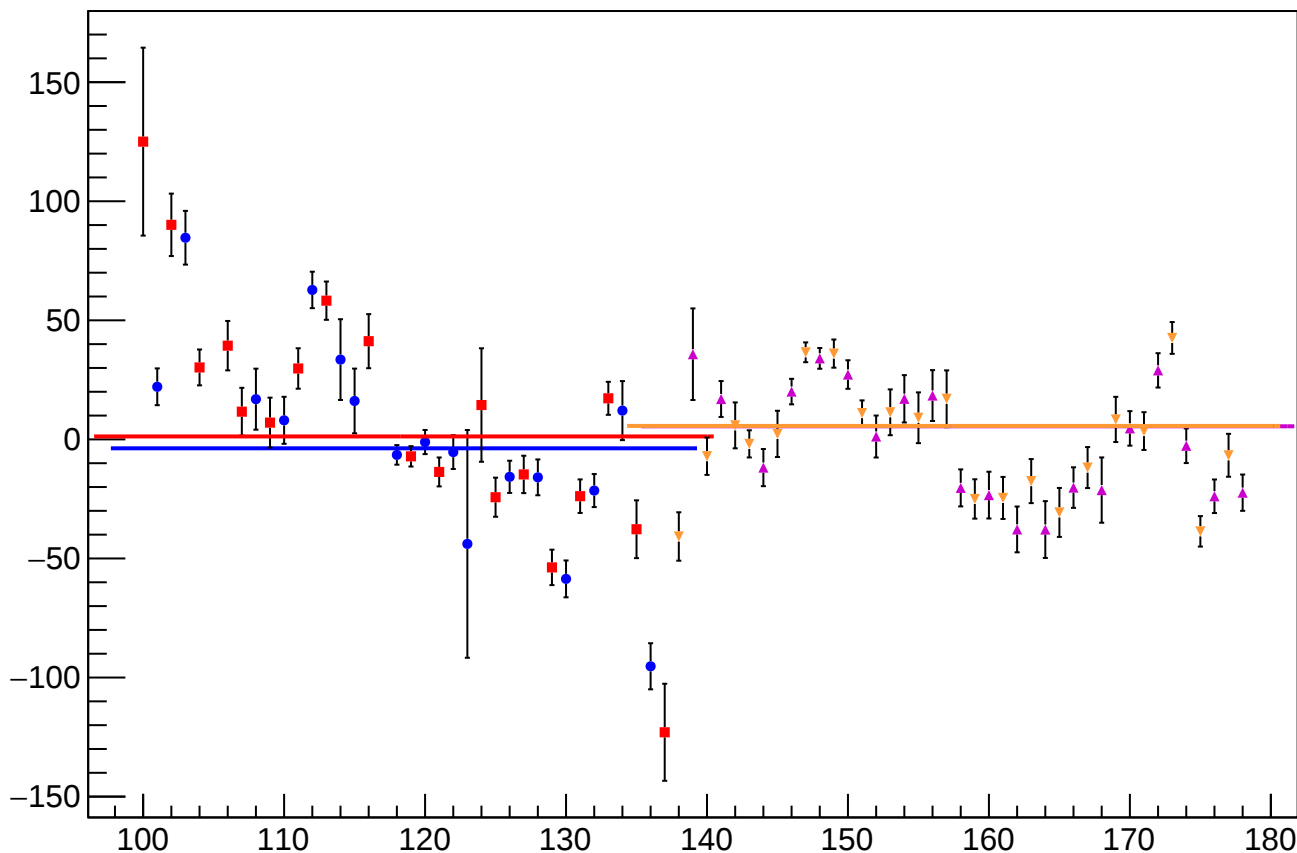
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -464.374+/-2.316 χ^2/NDF :2309.8/19

Out: -436.733+/-2.289 χ^2/NDF :4660.6/20

All: -450.389+/-1.628 χ^2/NDF : 7042.4/40

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 5.652 ± 1.634 χ^2/NDF : 238.2/20

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 5.502 ± 1.709 χ^2/NDF : 185.1/19

Left: 5.580 ± 1.181 χ^2/NDF : 423.3/40

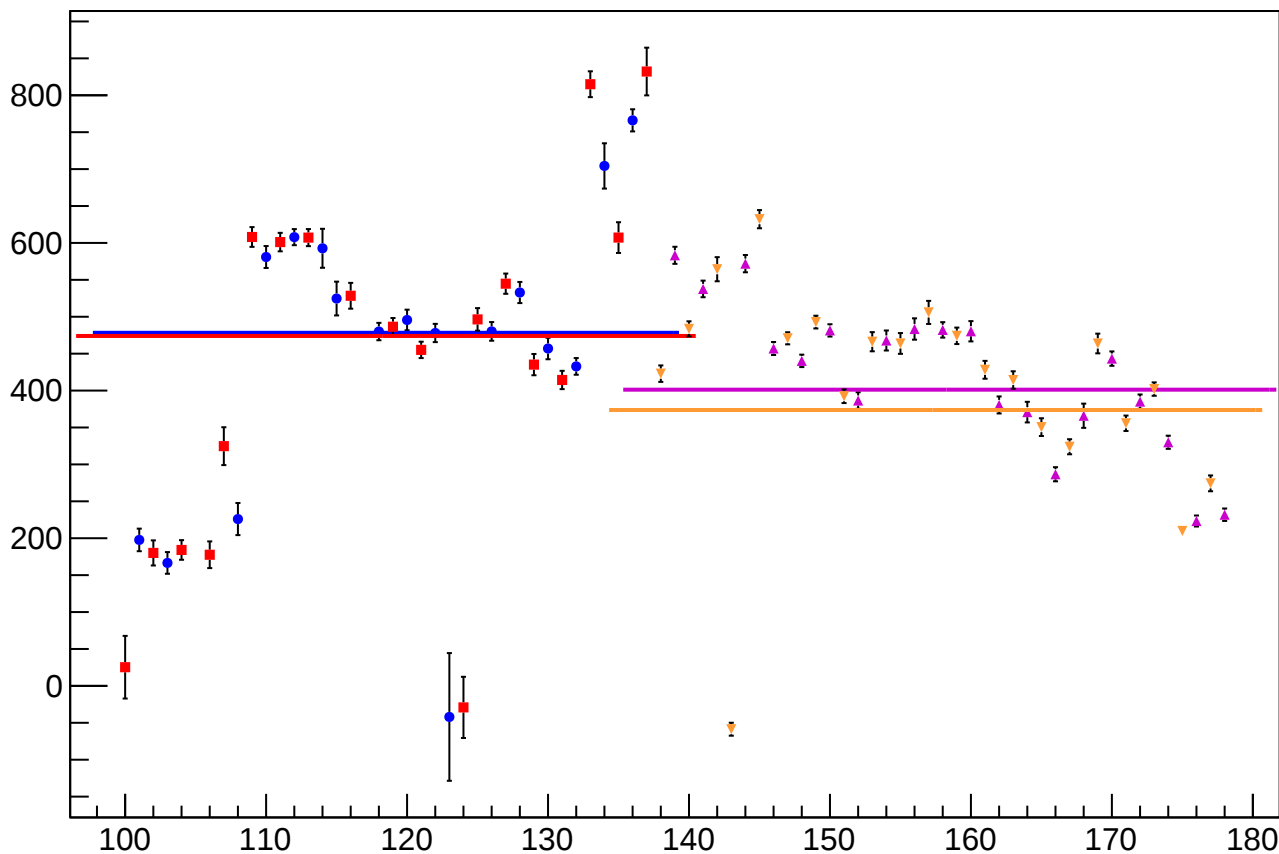
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 1.348 ± 1.268 χ^2/NDF : 512.3/36

Out: 3.794 ± 1.243 χ^2/NDF : 544.8/39

All: 2.595 ± 0.888 χ^2/NDF : 1059.0/76

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 373.670+/-2.277 χ^2/NDF : 4532.3/20

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 401.237+/-2.294 χ^2/NDF : 2129.2/19

Left: 387.351+/-1.616 χ^2/NDF : 6734.2/40

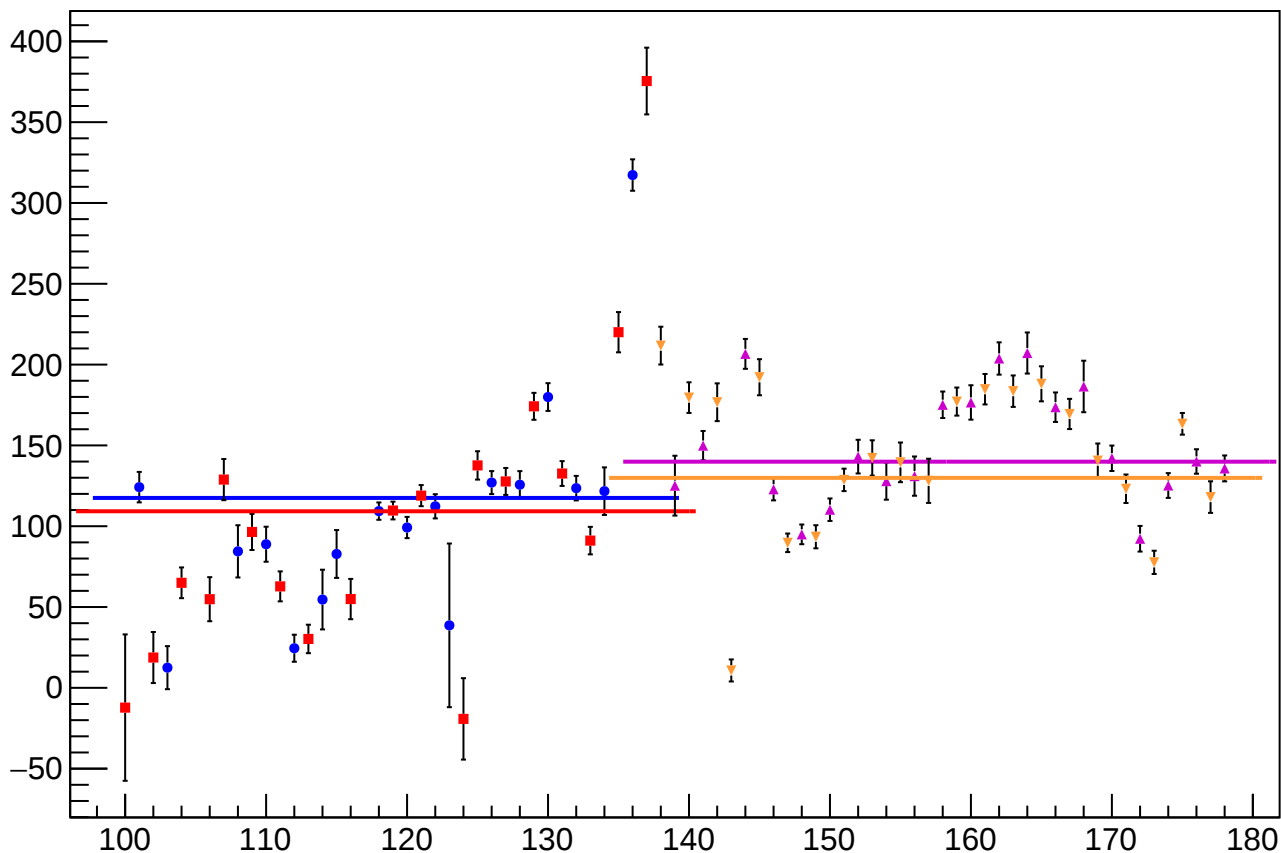
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 423.156+/-1.941 χ^2/NDF : 4077.9/36

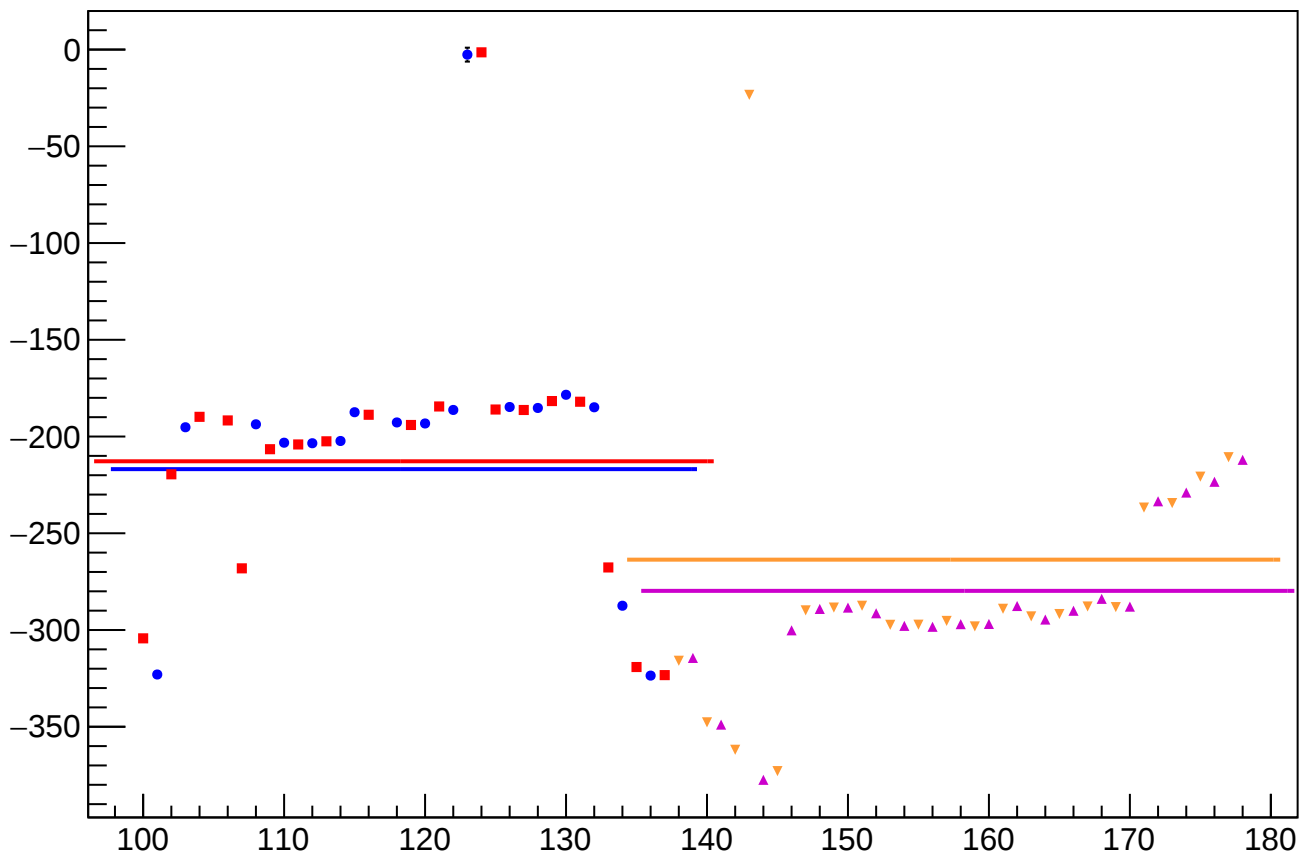
Out: 403.159+/-1.913 χ^2/NDF : 7391.0/39

All: 413.016+/-1.363 χ^2/NDF : 11522.7/76

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2 /NDF: 146927.1/16

Left Out: -263.639+/-0.092 χ^2 /NDF:683921.3/20

Right Out: -212.793+/-0.130 χ^2 /NDF: 116590.7/18

Left In: -279.766+/-0.092 χ^2 /NDF:178873.3/19

Left: -271.676+/-0.065 χ^2 /NDF: 878165.7/40

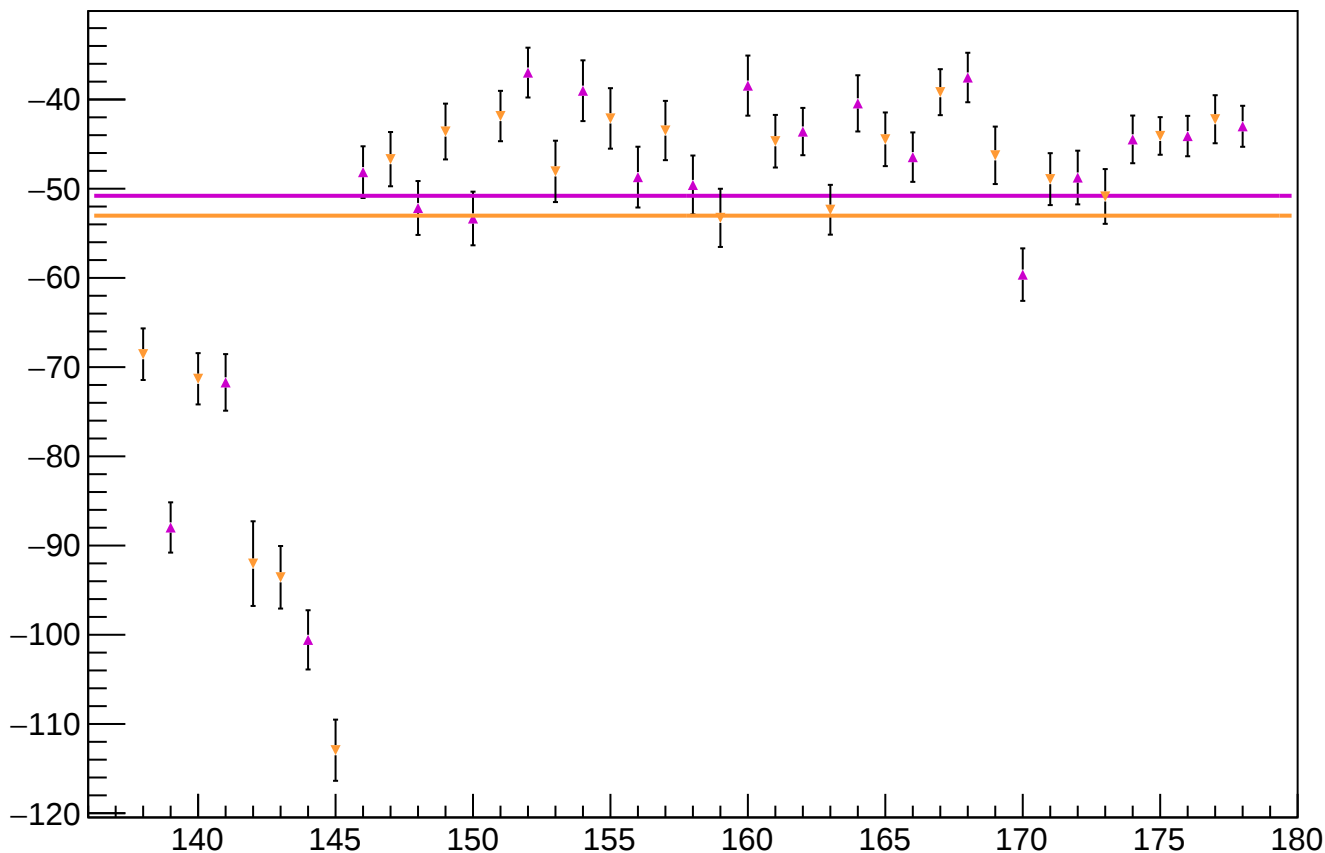
Right: -214.736+/-0.094 χ^2 /NDF: 263984.4/35

In: -259.949+/-0.076 χ^2 /NDF:472683.3/36

Out: -246.724+/-0.075 χ^2 /NDF:902495.6/39

All: -253.229+/-0.053 χ^2 /NDF: 1390463.2/76

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



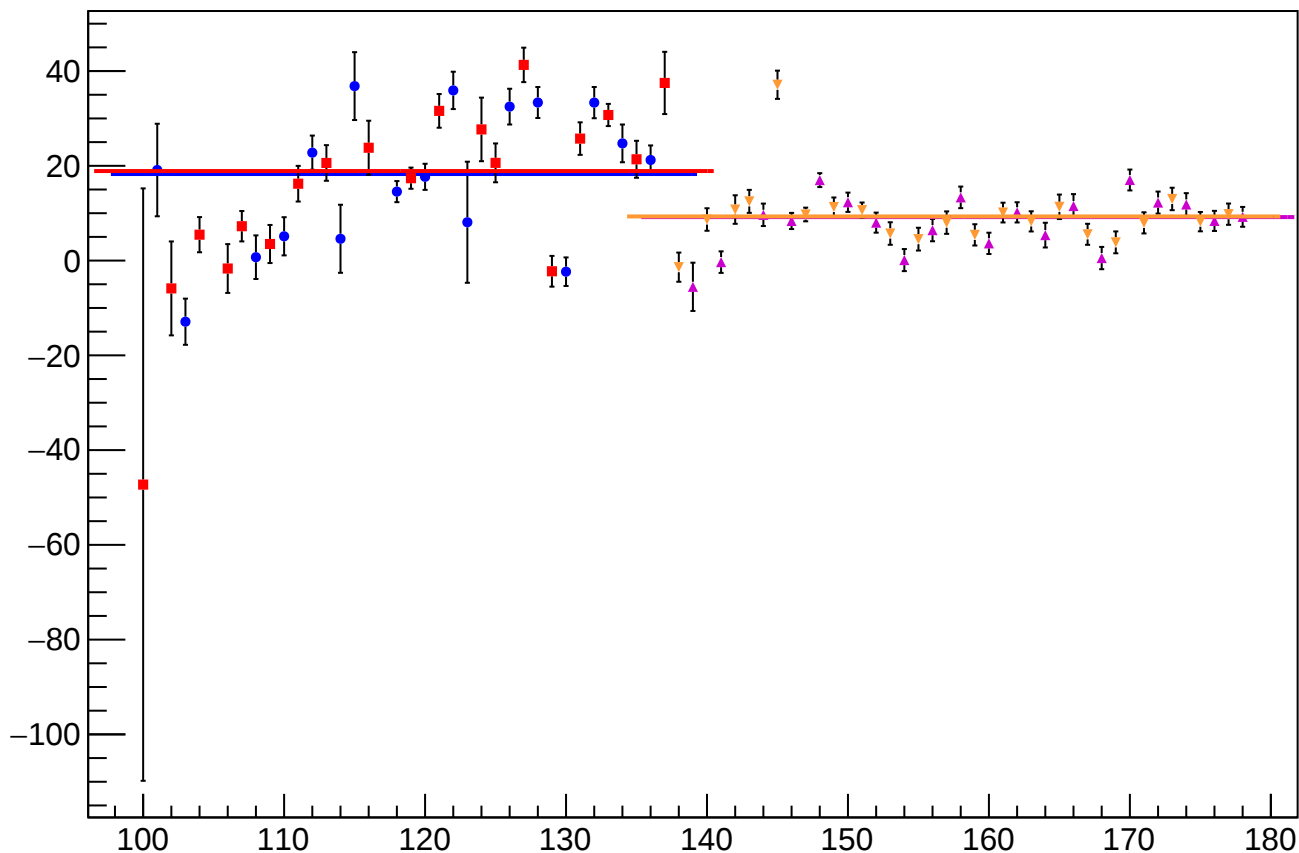
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -53.021+/-0.655 χ^2/NDF : 711.7/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -50.795+/-0.647 χ^2/NDF : 573.3/19

Left: -51.894+/-0.460 χ^2/NDF : 1290.8/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -50.795+/-0.647 χ^2/NDF : 573.3/19
 Out: -53.021+/-0.655 χ^2/NDF : 711.7/20

All: -51.894+/-0.460 χ^2/NDF : 1290.8/40

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.318 ± 0.481 χ^2/NDF : 125.0/20

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 9.178 ± 0.490 χ^2/NDF : 115.4/19

Left: 9.250 ± 0.343 χ^2/NDF : 240.4/40

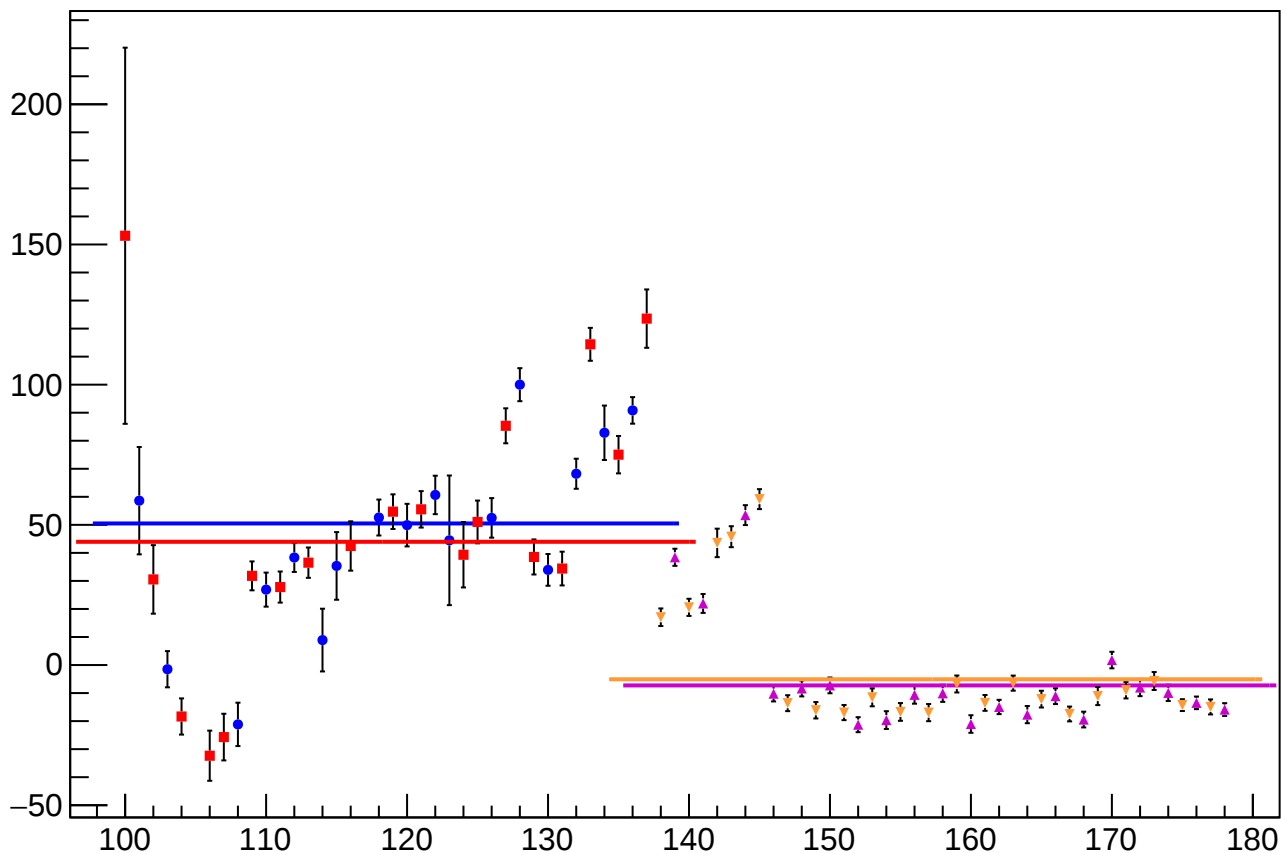
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.235 ± 0.431 χ^2/NDF : 401.5/36

Out: 11.582 ± 0.420 χ^2/NDF : 418.0/39

All: 11.413 ± 0.301 χ^2/NDF : 819.8/76

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: -5.087 $\pm$ 0.648 χ^2 /NDF:872.7/20

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: -7.271 $\pm$ 0.639 χ^2 /NDF:731.0/19

Left: -6.193 $\pm$ 0.455 χ^2 /NDF: 1609.5/40

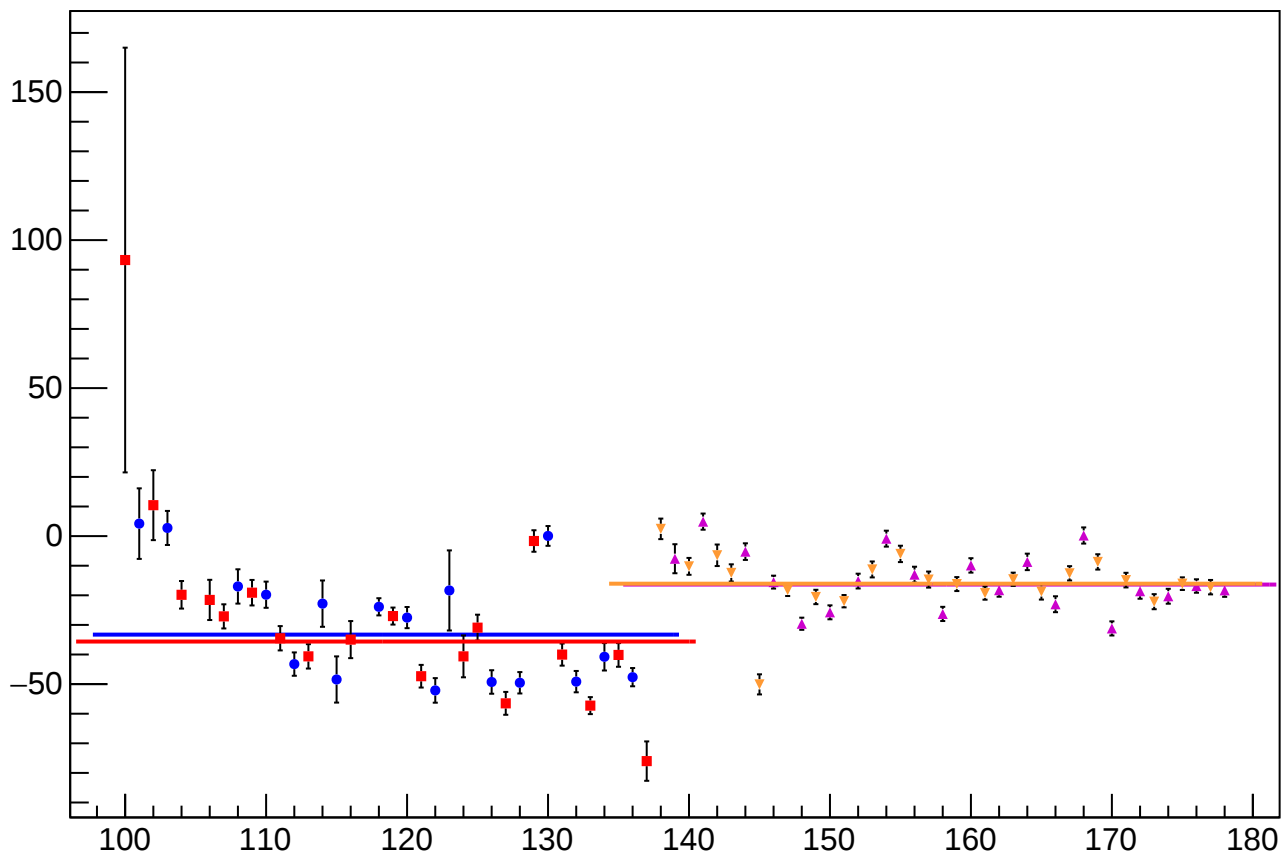
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 0.102 $\pm$ 0.597 χ^2 /NDF:2137.0/36

Out: 1.794 $\pm$ 0.600 χ^2 /NDF:2211.6/39

All: 0.943 $\pm$ 0.423 χ^2 /NDF: 4352.7/76

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -16.074 ± 0.552 $\chi^2/\text{NDF}: 190.6/20$

Right Out: -35.619 ± 0.993 $\chi^2/\text{NDF}: 287.8/18$

Left In: -16.371 ± 0.559 $\chi^2/\text{NDF}: 290.1/19$

Left: -16.221 ± 0.393 $\chi^2/\text{NDF}: 480.8/40$

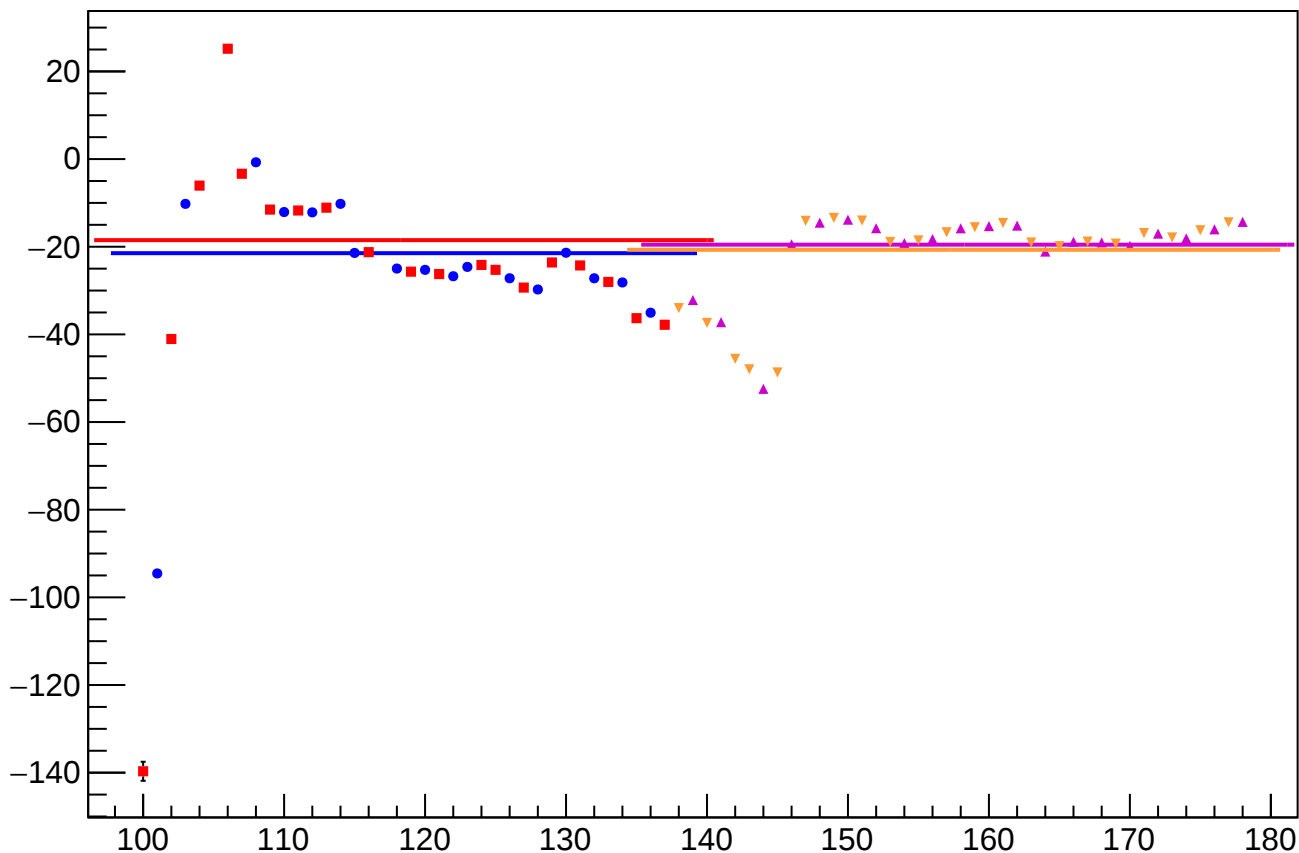
Right: -34.498 ± 0.716 $\chi^2/\text{NDF}: 583.4/35$

In: -20.190 ± 0.492 $\chi^2/\text{NDF}: 789.7/36$

Out: -20.688 ± 0.482 $\chi^2/\text{NDF}: 774.6/39$

All: -20.444 ± 0.344 $\chi^2/\text{NDF}: 1564.8/76$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 χ^2/NDF : 48979.5/16

Left Out: -20.701 ± 0.026 χ^2/NDF : 140109.8/20

Right Out: -18.496 ± 0.057 χ^2/NDF : 80700.9/18

Left In: -19.526 ± 0.025 χ^2/NDF : 89942.5/19

Left: -20.108 ± 0.018 χ^2/NDF : 231121.7/40

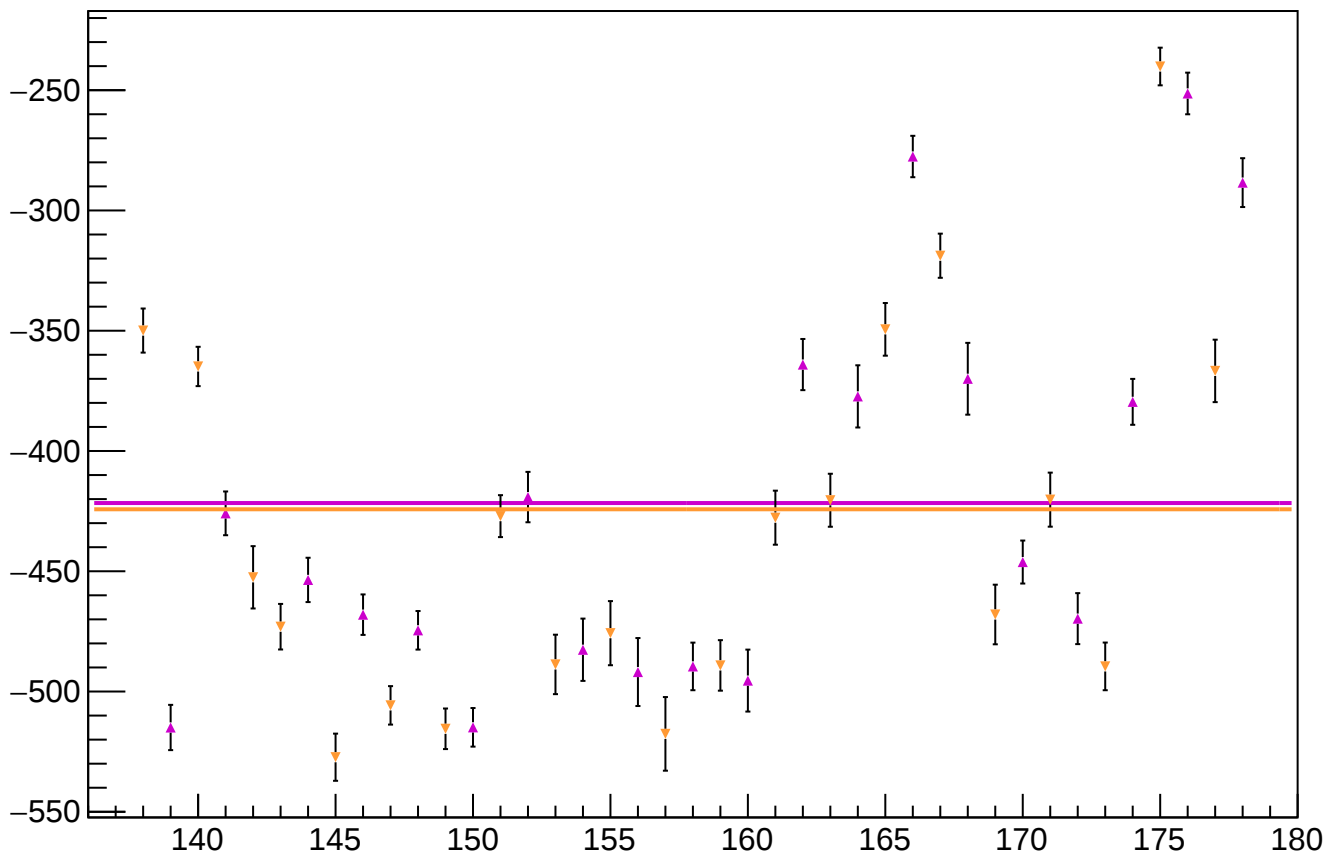
Right: -19.947 ± 0.041 χ^2/NDF : 130991.7/35

In: -19.830 ± 0.023 χ^2/NDF : 139844.7/36

Out: -20.336 ± 0.023 χ^2/NDF : 222044.6/39

All: -20.082 ± 0.016 χ^2/NDF : 362126.3/76

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -424.238+/-2.203 χ^2/NDF :1406.4/20

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

Left In: -421.635+/-2.209 χ^2/NDF :1386.7/19

Left: -422.940+/-1.560 χ^2/NDF : 2793.8/40

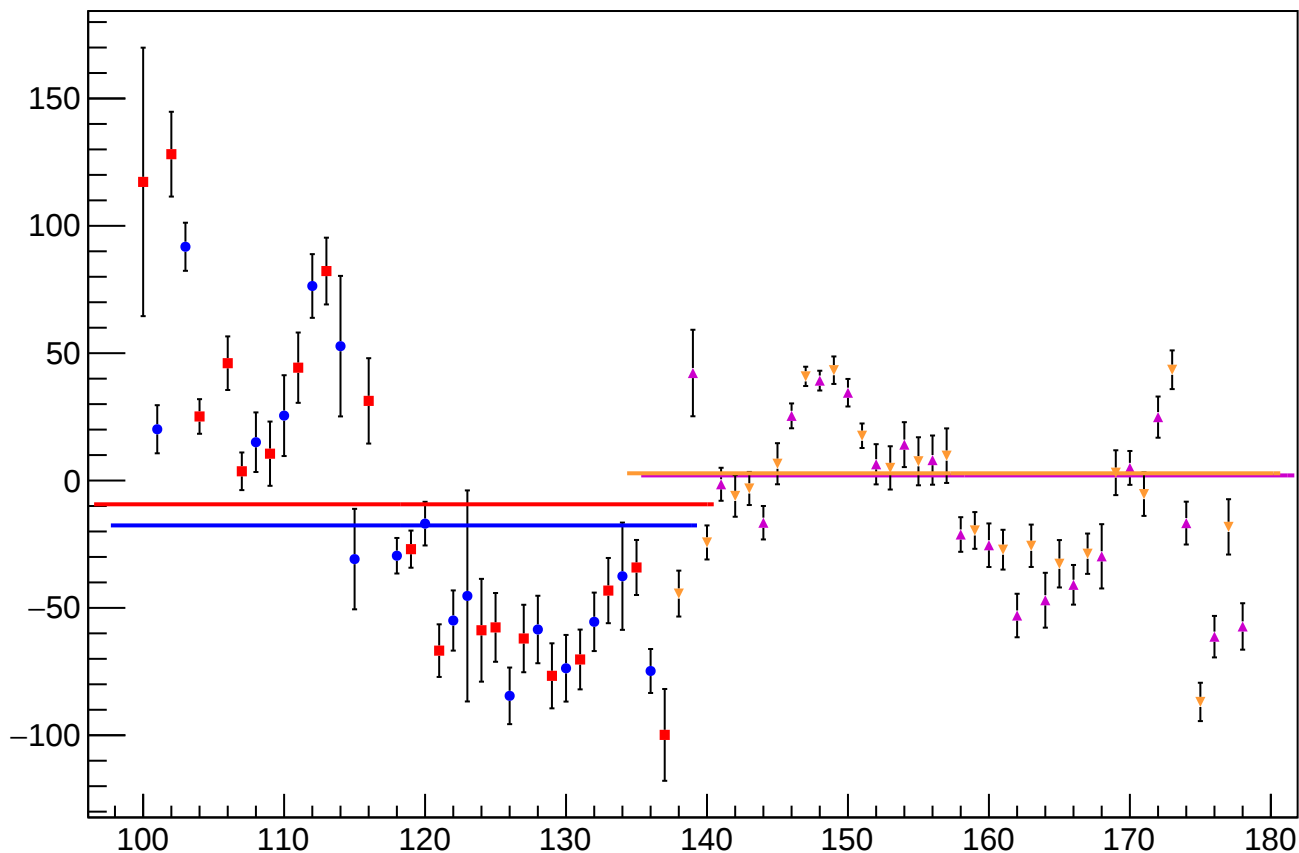
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -421.635+/-2.209 χ^2/NDF :1386.7/19

Out: -424.238+/-2.203 χ^2/NDF :1406.4/20

All: -422.940+/-1.560 χ^2/NDF : 2793.8/40

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 2.844 ± 1.548 χ^2/NDF : 455.7/20

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: 2.011 ± 1.597 χ^2/NDF : 404.0/19

Left: 2.441 ± 1.111 χ^2/NDF : 859.8/40

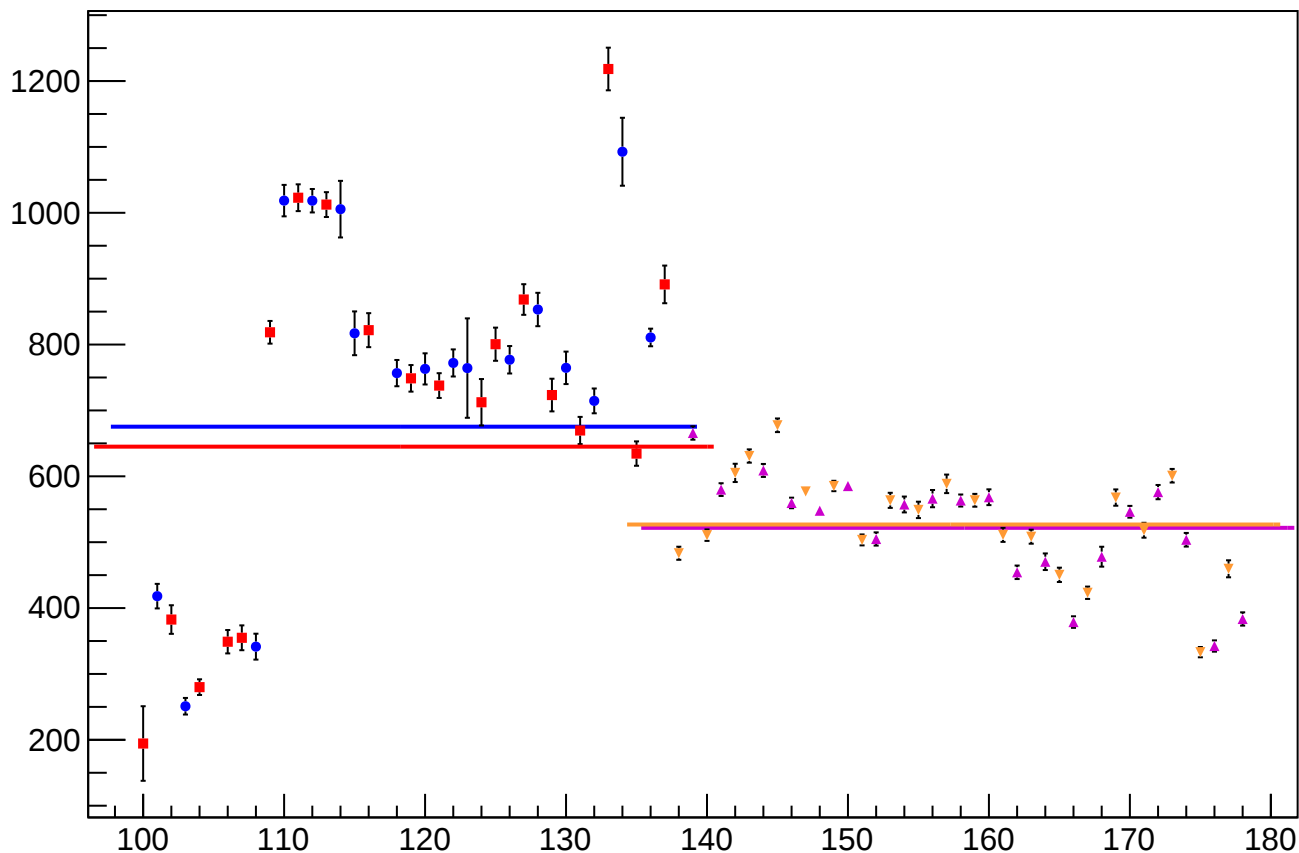
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: -2.842 ± 1.385 χ^2/NDF : 803.4/36

Out: -0.325 ± 1.331 χ^2/NDF : 838.2/39

All: -1.533 ± 0.960 χ^2/NDF : 1643.3/76

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 526.834+/-2.186 χ^2/NDF :1408.6/20

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 521.794+/-2.181 χ^2/NDF :1476.0/19

Left: 524.308+/-1.544 χ^2/NDF : 2887.2/40

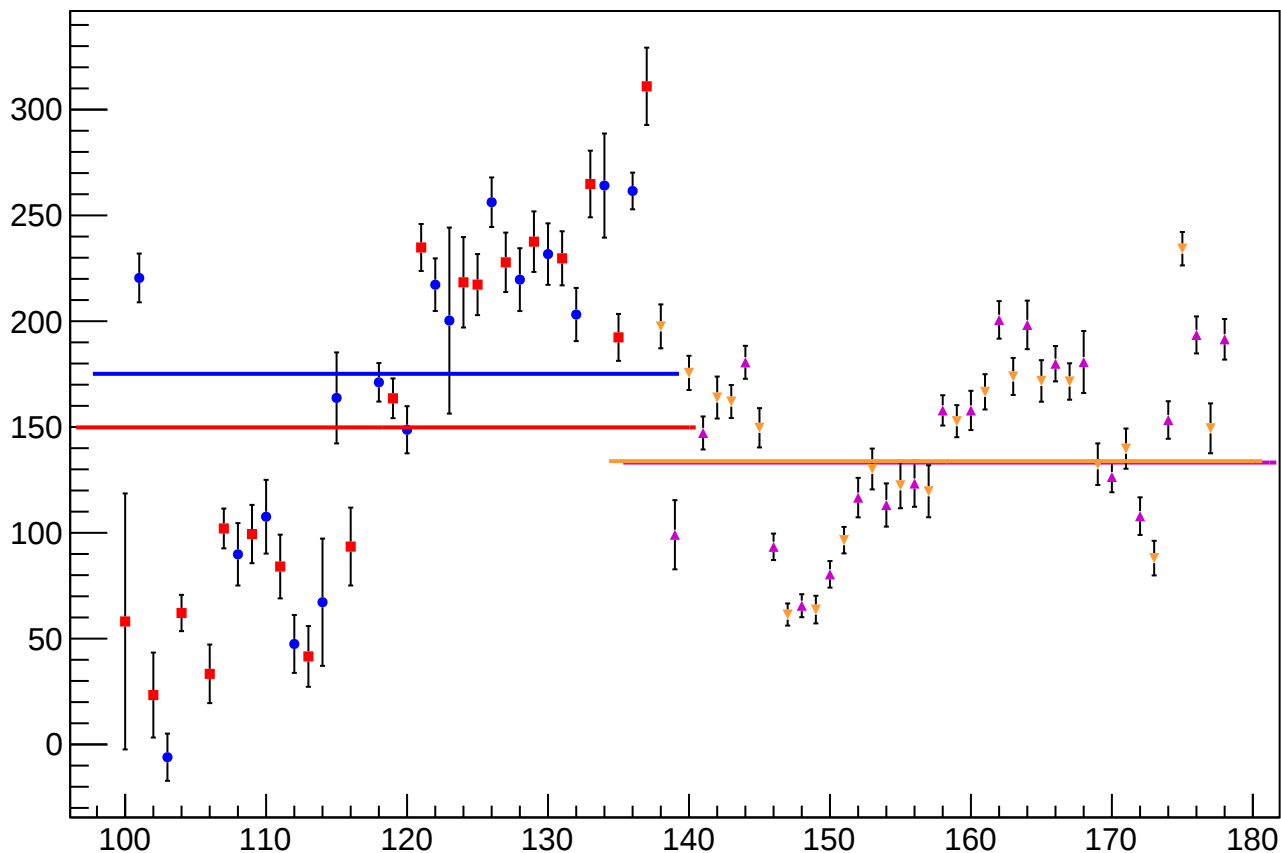
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 545.959+/-2.002 χ^2/NDF :4838.9/36

Out: 547.430+/-1.986 χ^2/NDF :5040.9/39

All: 546.700+/-1.410 χ^2/NDF : 9880.1/76

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: 133.890 $\pm$ 1.818 χ^2 /NDF: 707.1/20

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 133.202 $\pm$ 1.858 χ^2 /NDF: 567.9/19

Left: 133.554 $\pm$ 1.299 χ^2 /NDF: 1275.1/40

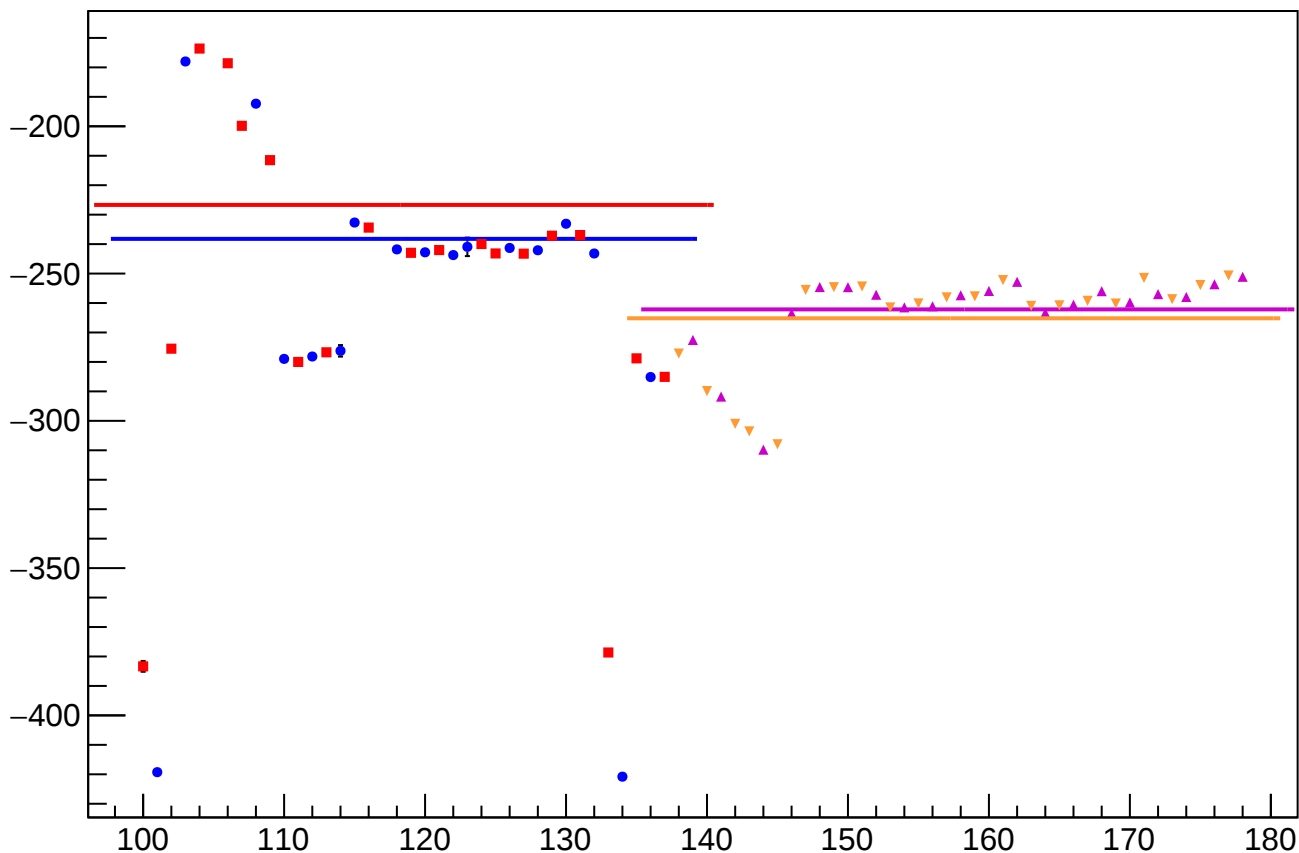
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 143.730 $\pm$ 1.608 χ^2 /NDF: 1331.5/36

Out: 138.083 $\pm$ 1.560 χ^2 /NDF: 1415.8/39

All: 140.822 $\pm$ 1.120 χ^2 /NDF: 2753.6/76

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 ± 0.160 χ^2/NDF : 167098.2/16

Left Out: -265.183 ± 0.088 χ^2/NDF : 37414.4/20

Right Out: -226.696 ± 0.151 χ^2/NDF : 102814.8/18

Left In: -262.163 ± 0.087 χ^2/NDF : 22531.3/19

Left: -263.662 ± 0.062 χ^2/NDF : 60539.9/40

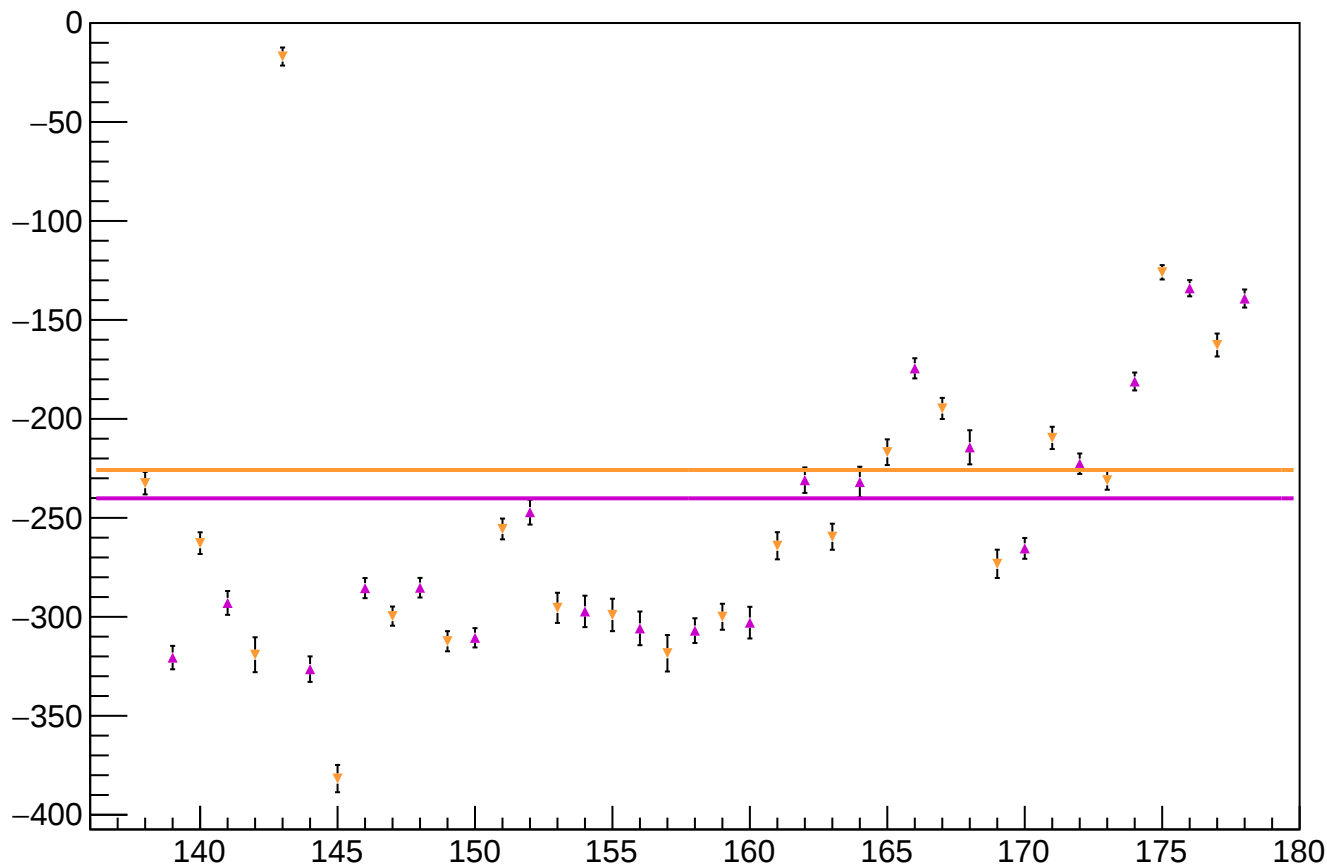
Right: -232.123 ± 0.110 χ^2/NDF : 272653.1/35

In: -256.676 ± 0.077 χ^2/NDF : 206883.6/36

Out: -255.444 ± 0.076 χ^2/NDF : 188718.9/39

All: -256.055 ± 0.054 χ^2/NDF : 395733.0/76

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: -225.807+/-1.255 χ^2/NDF :4738.1/20

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

Left In: -240.131+/-1.269 χ^2/NDF :2649.2/19

Left: -232.893+/-0.892 χ^2/NDF : 7451.8/40

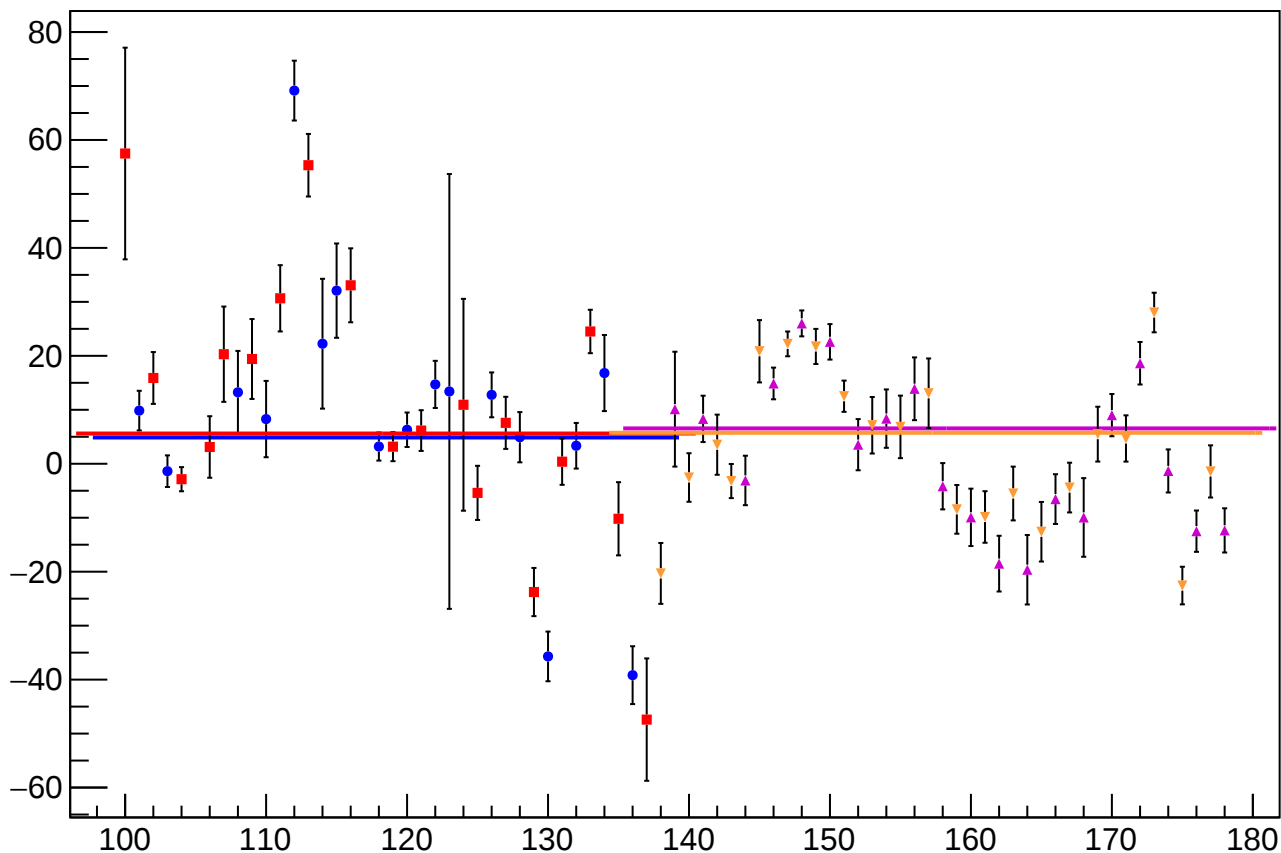
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -240.131+/-1.269 χ^2/NDF :2649.2/19

Out: -225.807+/-1.255 χ^2/NDF :4738.1/20

All: -232.893+/-0.892 χ^2/NDF : 7451.8/40

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: 5.742 ± 0.897 χ^2/NDF : 268.9/20

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 6.548 ± 0.937 χ^2/NDF : 233.3/19

Left: 6.127 ± 0.648 χ^2/NDF : 502.5/40

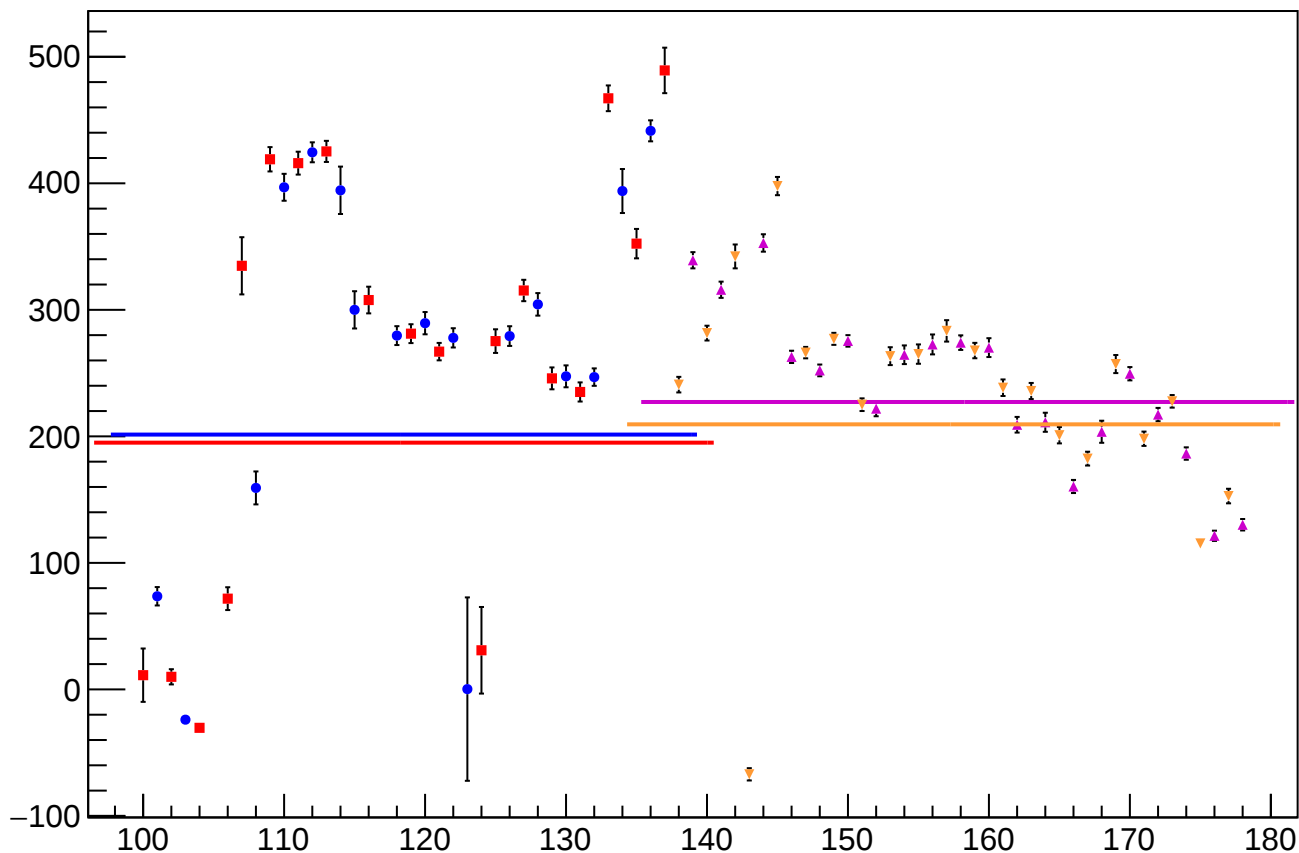
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 5.835 ± 0.711 χ^2/NDF : 546.2/36

Out: 5.685 ± 0.687 χ^2/NDF : 507.5/39

All: 5.758 ± 0.494 χ^2/NDF : 1053.7/76

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: 209.500 $\pm$ 1.248 χ^2 /NDF:5832.5/20

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 227.166 $\pm$ 1.256 χ^2 /NDF:2604.1/19

Left: 218.277 $\pm$ 0.885 χ^2 /NDF: 8536.2/40

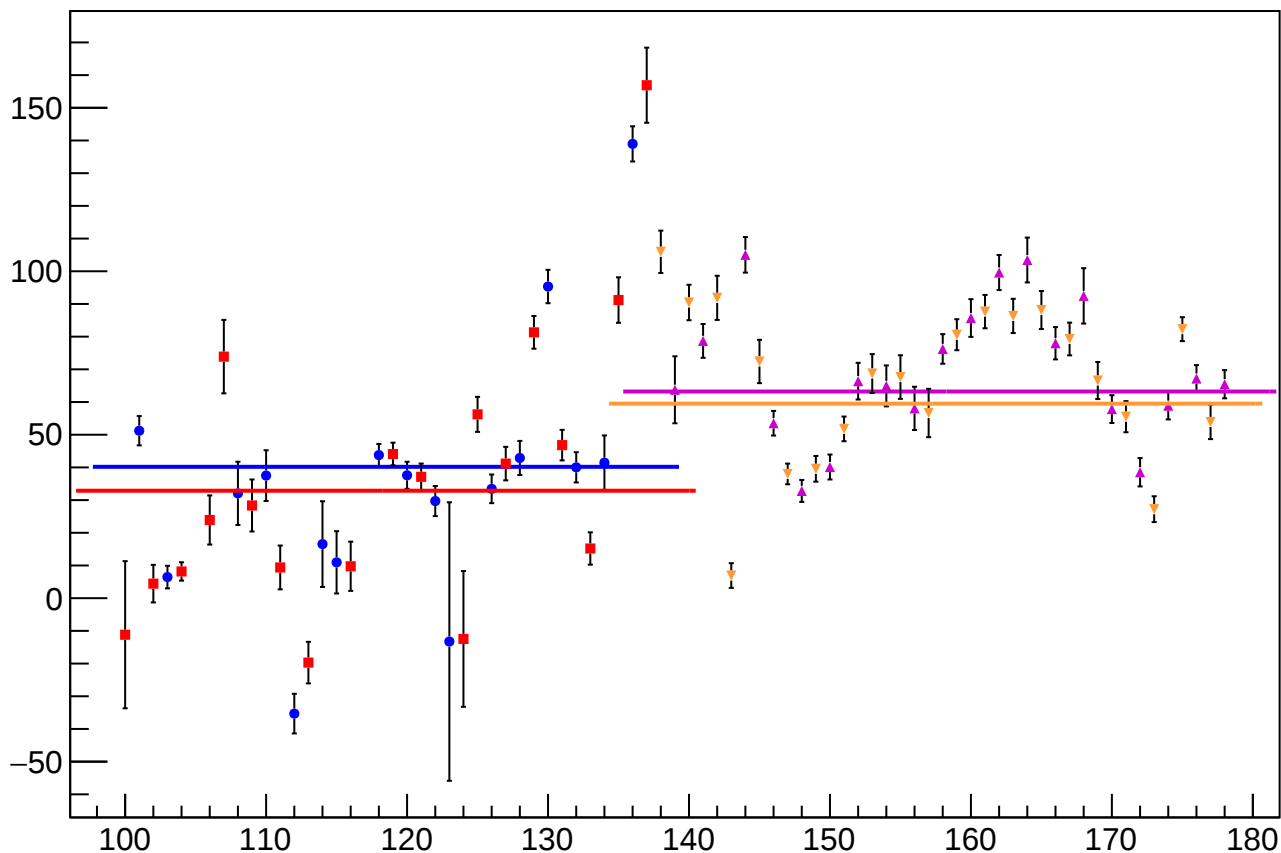
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 219.745 $\pm$ 1.059 χ^2 /NDF:9465.7/36

Out: 205.213 $\pm$ 1.047 χ^2 /NDF:14127.1/39

All: 212.391 $\pm$ 0.745 χ^2 /NDF: 23688.1/76

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: 59.505+/-1.045 χ^2/NDF : 609.6/20

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 63.216+/-1.081 χ^2/NDF : 355.4/19

Left: 61.299+/-0.751 χ^2/NDF : 971.1/40

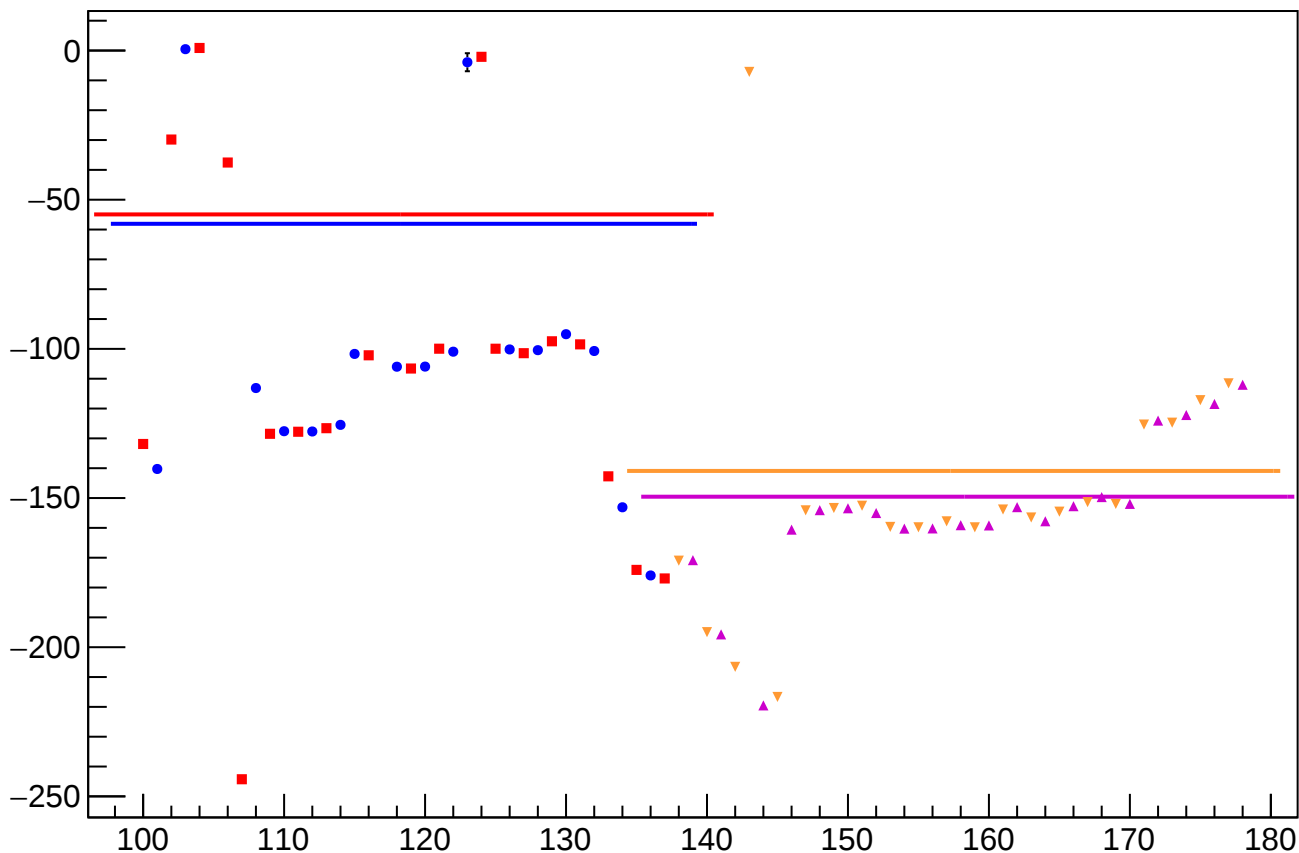
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 53.543+/-0.823 χ^2/NDF : 1280.2/36

Out: 48.556+/-0.802 χ^2/NDF : 1427.5/39

All: 50.985+/-0.574 χ^2/NDF : 2726.6/76

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: -140.913 $\pm$ 0.050 χ^2 /NDF: 723601.6/20

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -149.551 $\pm$ 0.050 χ^2 /NDF: 207788.5/19

Left: -145.220 $\pm$ 0.036 χ^2 /NDF: 946119.4/40

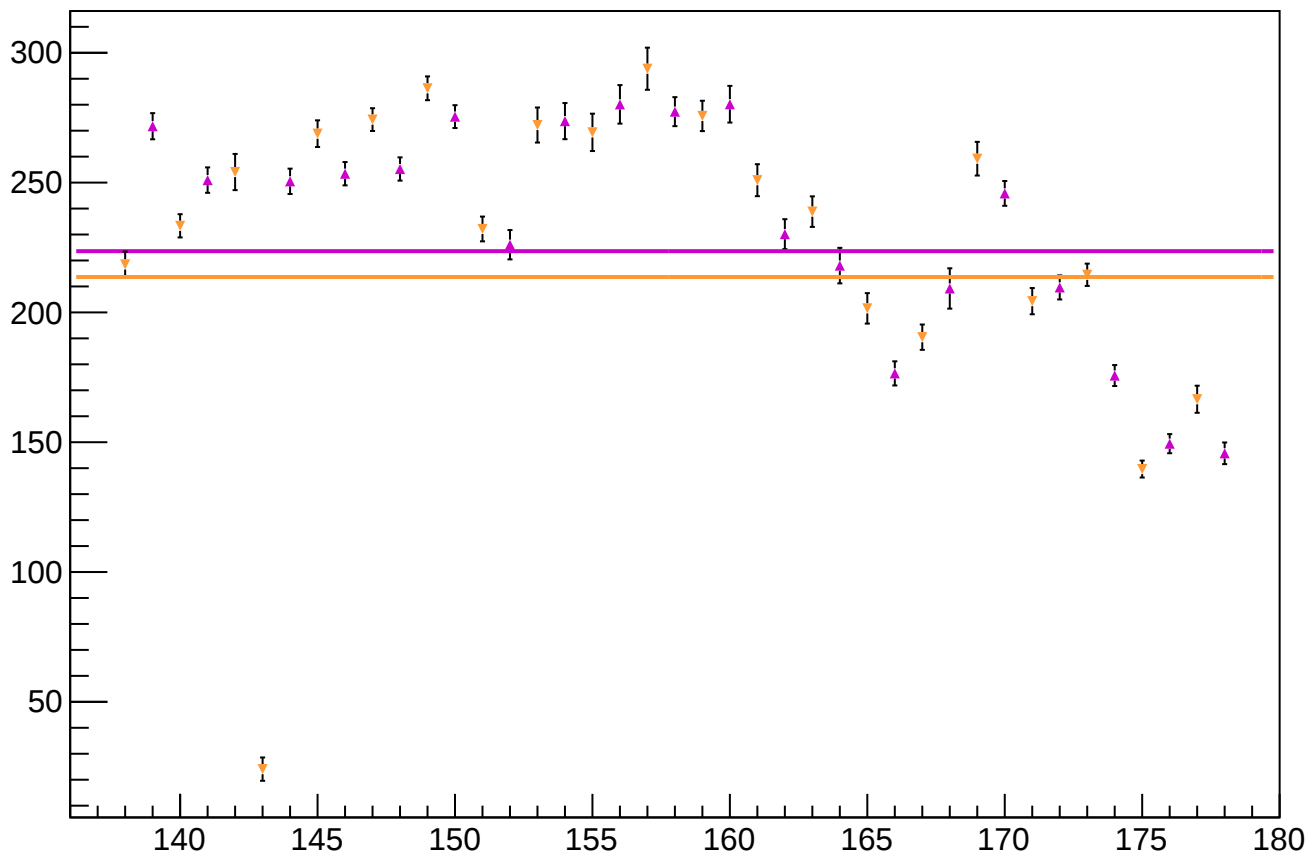
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -112.889 $\pm$ 0.039 χ^2 /NDF: 2632677.4/36

Out: -105.597 $\pm$ 0.039 χ^2 /NDF: 2929584.5/39

All: -109.203 $\pm$ 0.027 χ^2 /NDF: 5579923.9/76

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: 213.634+/-1.116 χ^2/NDF : 3486.0/20

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

Left In: 223.590+/-1.123 χ^2/NDF : 1686.0/19

Left: 218.583+/-0.792 χ^2/NDF : 5211.5/40

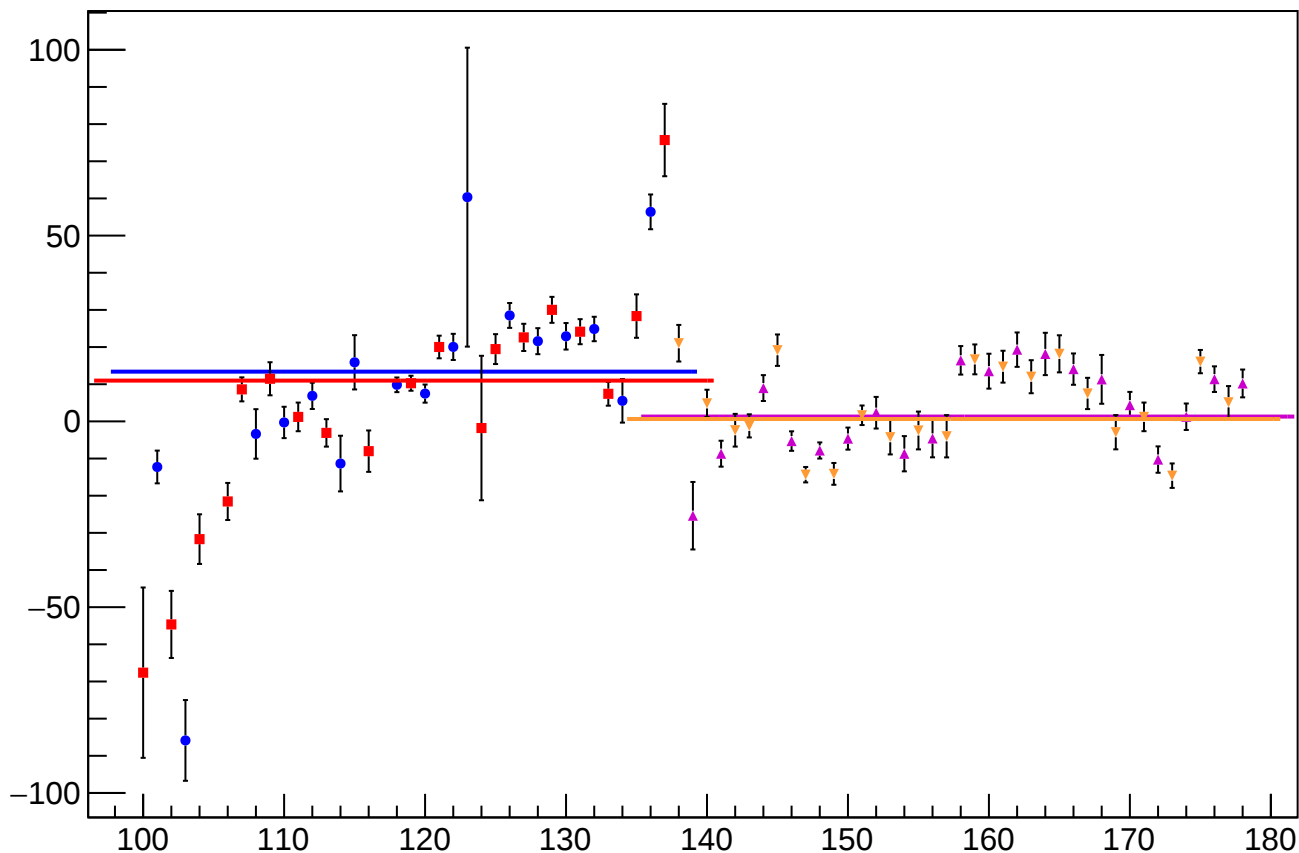
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 223.590+/-1.123 χ^2/NDF : 1686.0/19

Out: 213.634+/-1.116 χ^2/NDF : 3486.0/20

All: 218.583+/-0.792 χ^2/NDF : 5211.5/40

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 0.644 $\pm$ 0.801 χ^2 /NDF: 213.8/20

Right Out: 10.975 $\pm$ 0.915 χ^2 /NDF: 304.0/18

Left In: 1.295 $\pm$ 0.831 χ^2 /NDF: 138.8/19

Left: 0.958 $\pm$ 0.577 χ^2 /NDF: 352.9/40

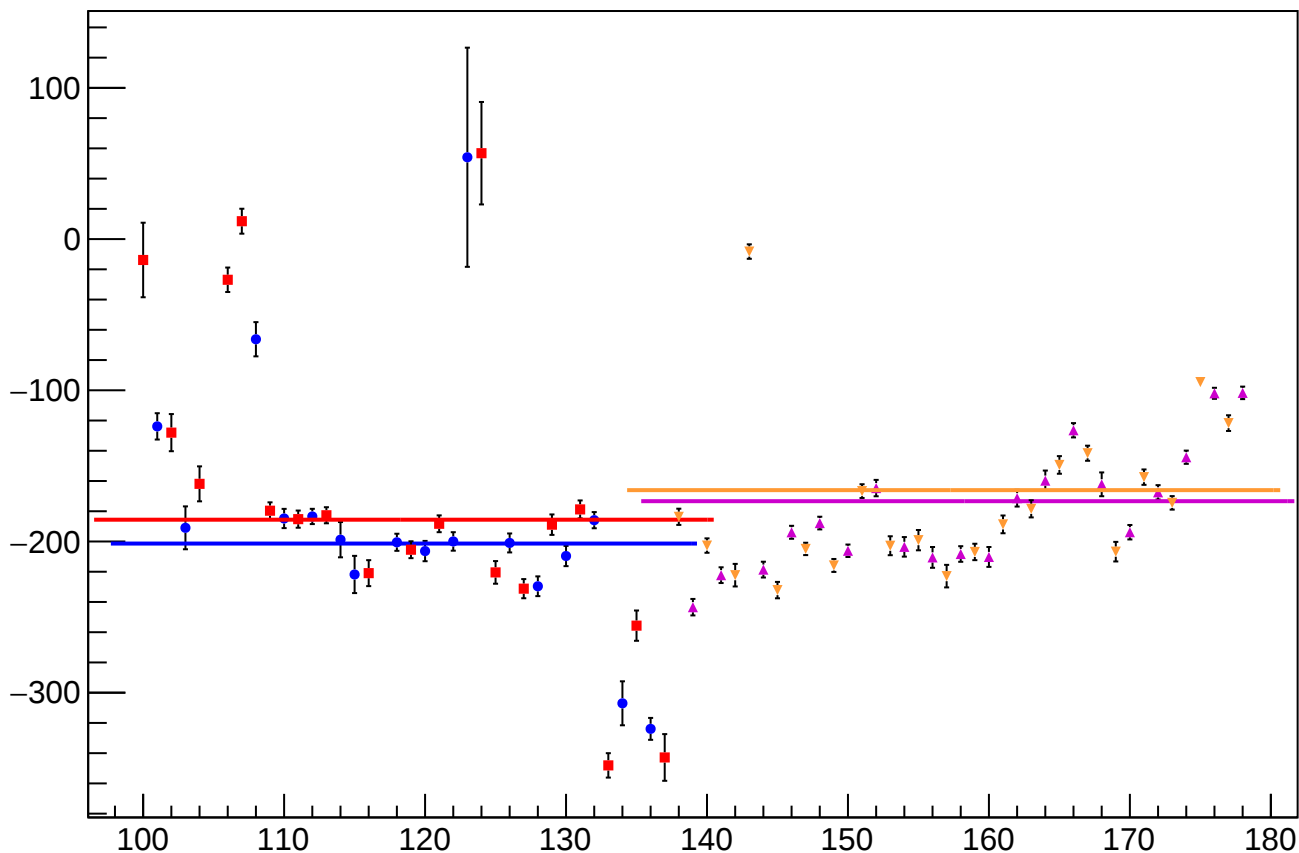
Right: 12.172 $\pm$ 0.649 χ^2 /NDF: 601.5/35

In: 6.718 $\pm$ 0.617 χ^2 /NDF: 527.9/36

Out: 5.128 $\pm$ 0.603 χ^2 /NDF: 590.1/39

All: 5.905 $\pm$ 0.431 χ^2 /NDF: 1121.3/76

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 $\pm$ 1.784 χ^2/NDF : 625.0/16

Left Out: -166.042 $\pm$ 1.111 χ^2/NDF : 2412.0/20

Right Out: -185.589 $\pm$ 1.699 χ^2/NDF : 1748.2/18

Left In: -173.343 $\pm$ 1.113 χ^2/NDF : 1409.3/19

Left: -169.685 $\pm$ 0.786 χ^2/NDF : 3842.9/40

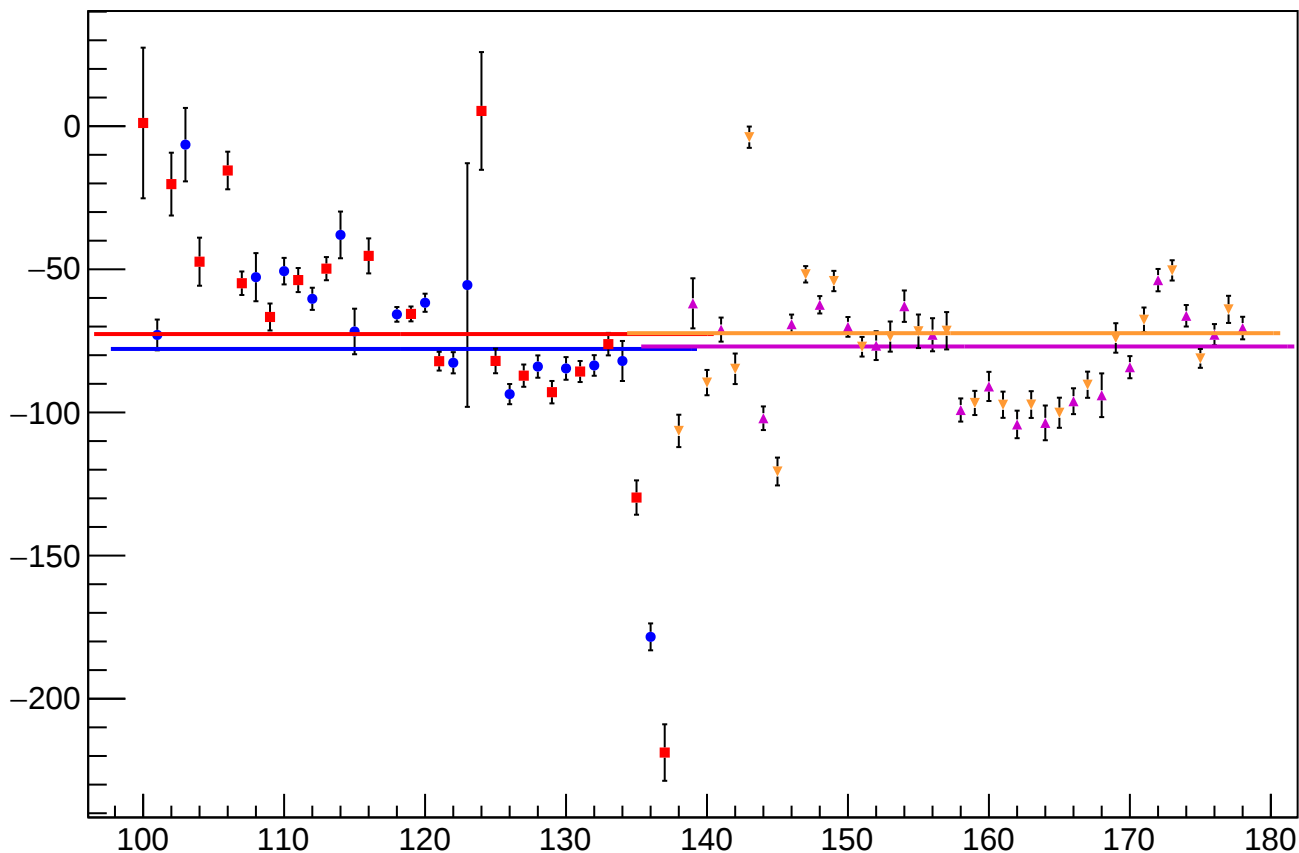
Right: -193.097 $\pm$ 1.230 χ^2/NDF : 2414.3/35

In: -181.200 $\pm$ 0.944 χ^2/NDF : 2211.9/36

Out: -171.895 $\pm$ 0.930 χ^2/NDF : 4253.0/39

All: -176.475 $\pm$ 0.663 χ^2/NDF : 6514.2/76

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: -72.311 ± 0.933 χ^2/NDF : 759.4/20

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -76.957 ± 0.958 χ^2/NDF : 243.9/19

Left: -74.571 ± 0.668 χ^2/NDF : 1015.3/40

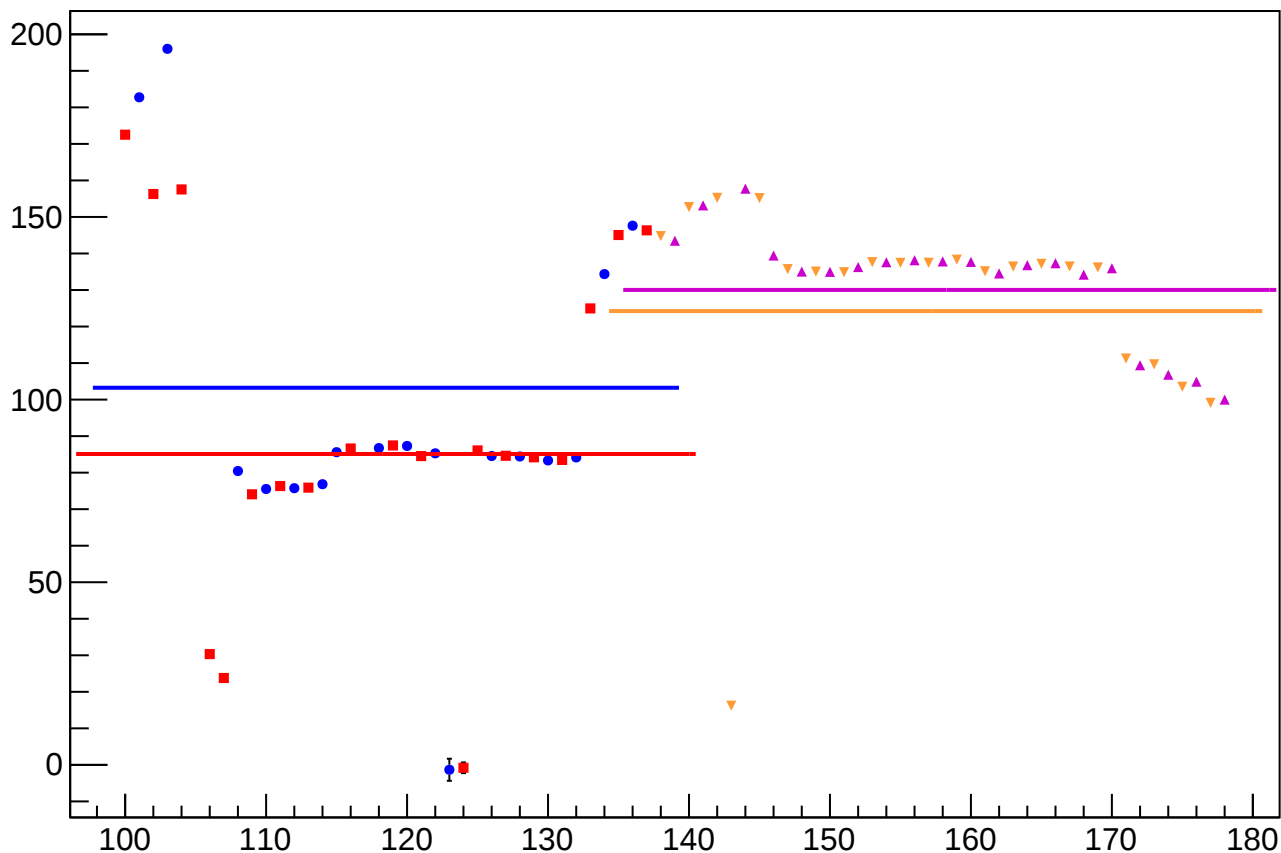
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.341 ± 0.713 χ^2/NDF : 900.6/36

Out: -72.445 ± 0.698 χ^2/NDF : 1366.3/39

All: -74.841 ± 0.499 χ^2/NDF : 2290.9/76

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: 124.230 $\pm$ 0.045 χ^2 /NDF: 460169.3/20

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 130.029 $\pm$ 0.045 χ^2 /NDF: 128238.5/19

Left: 127.134 $\pm$ 0.032 χ^2 /NDF: 596826.2/40

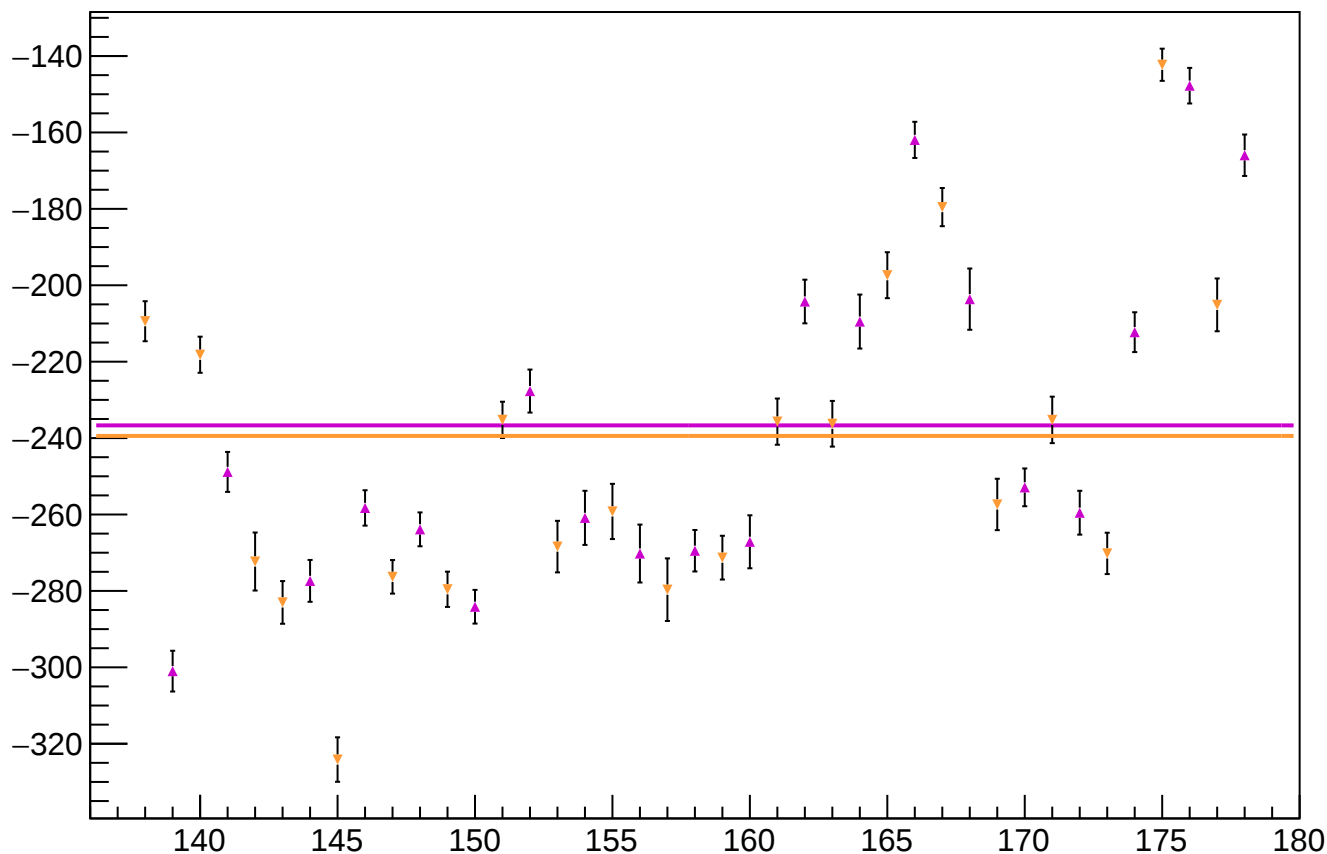
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 122.355 $\pm$ 0.038 χ^2 /NDF: 504706.9/36

Out: 111.314 $\pm$ 0.037 χ^2 /NDF: 1136340.0/39

All: 116.669 $\pm$ 0.026 χ^2 /NDF: 1685172.7/76

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: -239.430+/-1.219 χ^2/NDF :1362.0/20

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

Left In: -236.675+/-1.216 χ^2/NDF :1366.8/19

Left: -238.049+/-0.861 χ^2/NDF : 2731.3/40

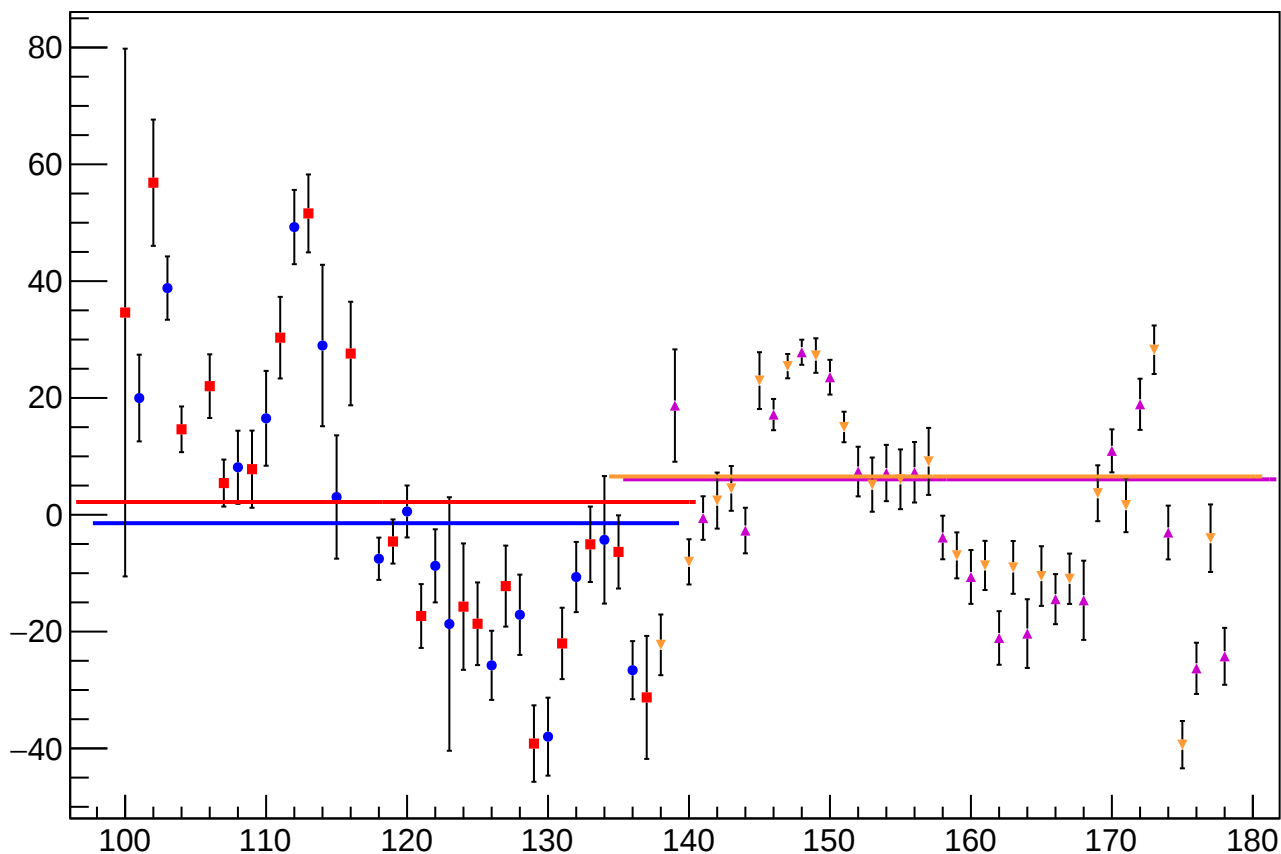
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -236.675+/-1.216 χ^2/NDF :1366.8/19

Out: -239.430+/-1.219 χ^2/NDF :1362.0/20

All: -238.049+/-0.861 χ^2/NDF : 2731.3/40

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: 6.555 ± 0.856 χ^2/NDF : 424.8/20

Right Out: 2.188 ± 1.400 χ^2/NDF : 230.7/18

Left In: 6.068 ± 0.880 χ^2/NDF : 379.4/19

Left: 6.318 ± 0.613 χ^2/NDF : 804.3/40

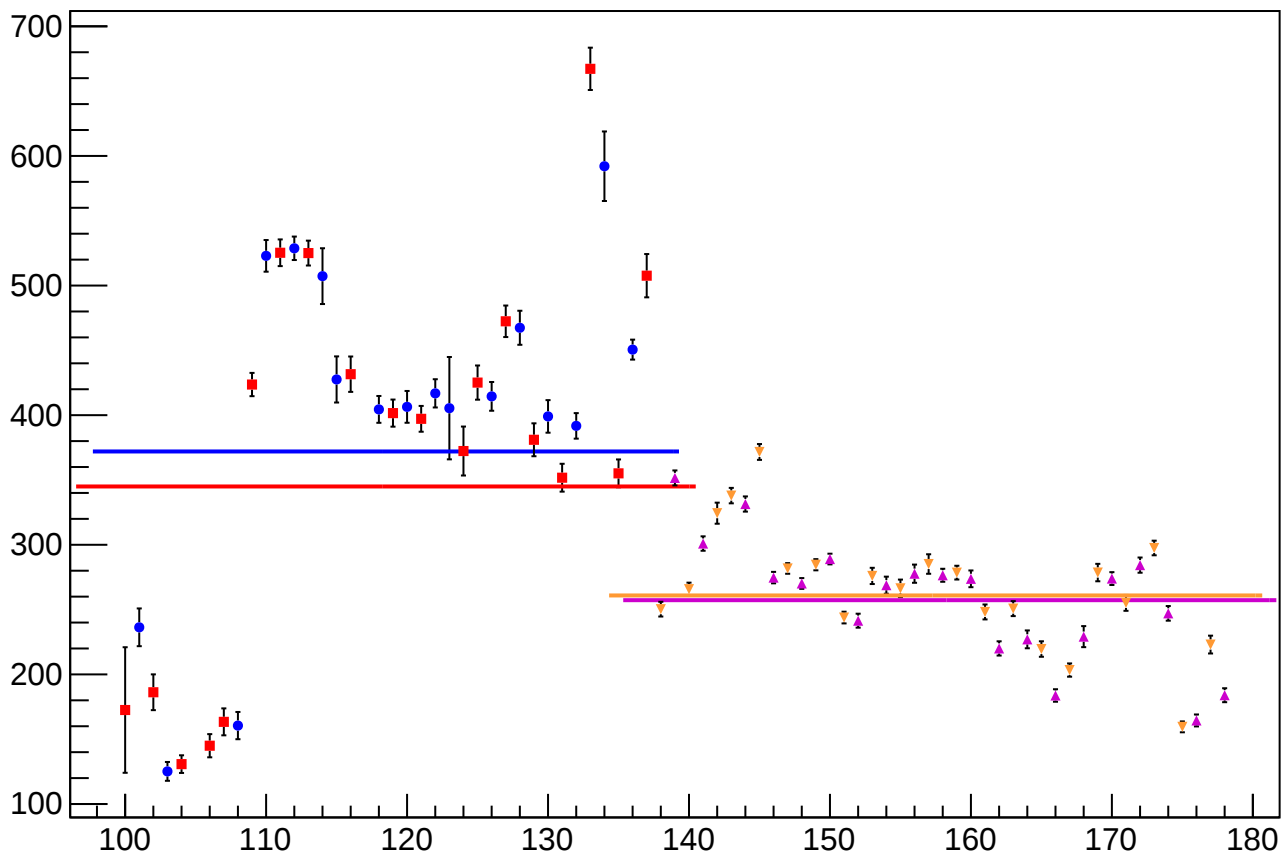
Right: 0.518 ± 1.029 χ^2/NDF : 458.2/35

In: 4.176 ± 0.761 χ^2/NDF : 622.1/36

Out: 5.368 ± 0.730 χ^2/NDF : 662.5/39

All: 4.796 ± 0.527 χ^2/NDF : 1285.9/76

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: 260.911 $\pm$ 1.206 χ^2 /NDF:1503.3/20

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 257.261 $\pm$ 1.199 χ^2 /NDF:1550.6/19

Left: 259.075 $\pm$ 0.850 χ^2 /NDF: 3058.5/40

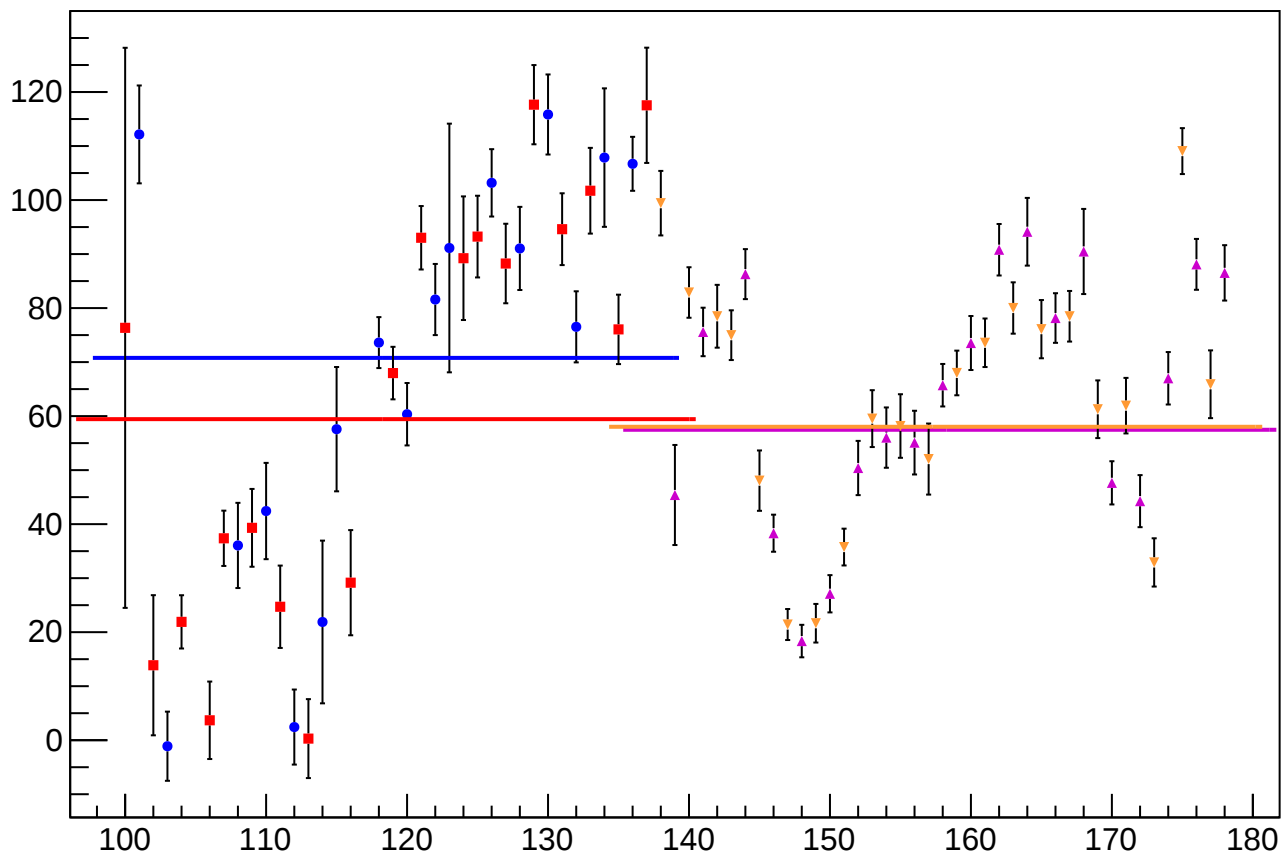
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 275.417 $\pm$ 1.100 χ^2 /NDF:5431.5/36

Out: 276.172 $\pm$ 1.091 χ^2 /NDF:5800.0/39

All: 275.798 $\pm$ 0.775 χ^2 /NDF: 11231.8/76

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: 58.025 $\pm$ 1.004 χ^2 /NDF:663.1/20

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 57.470 $\pm$ 1.022 χ^2 /NDF:564.1/19

Left: 57.753 $\pm$ 0.716 χ^2 /NDF: 1227.4/40

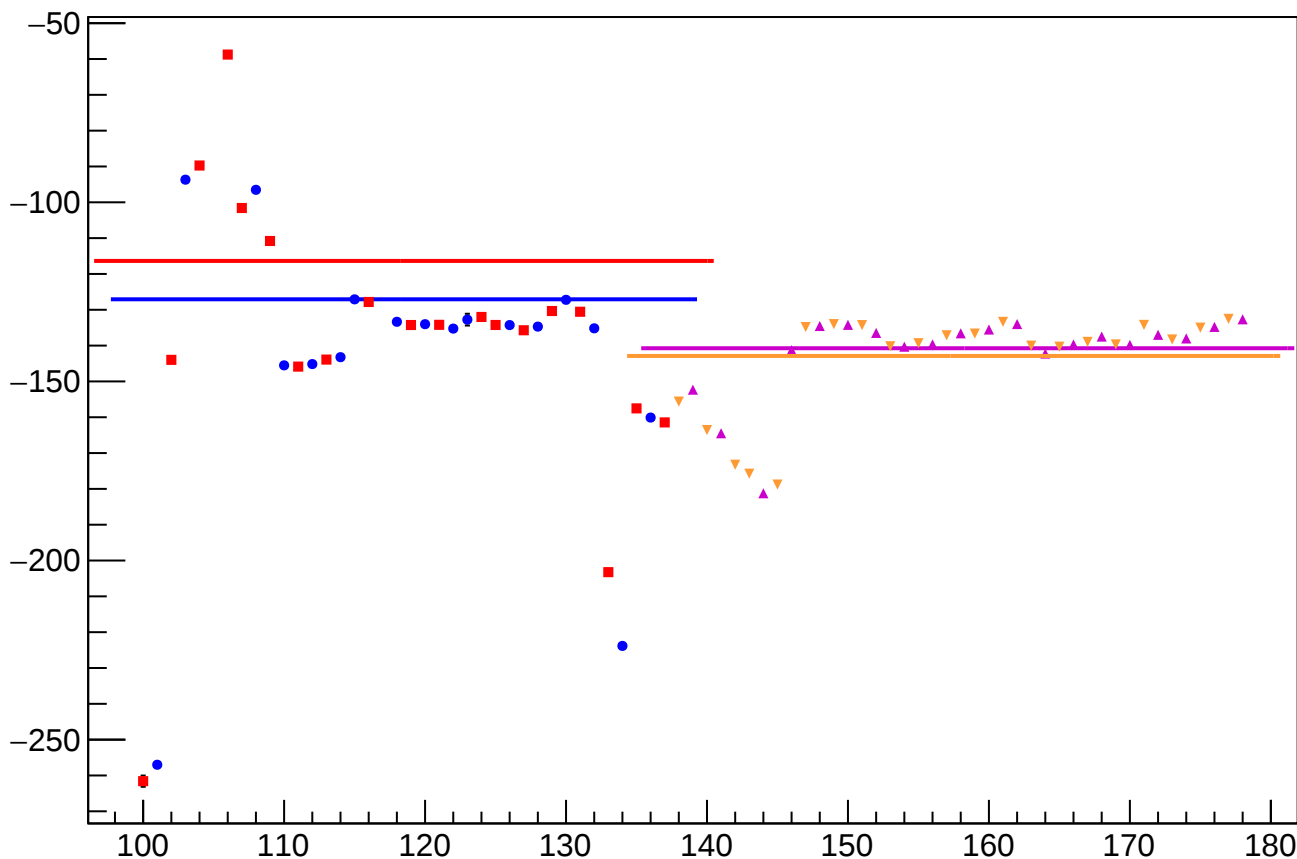
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 60.867 $\pm$ 0.882 χ^2 /NDF:1031.3/36

Out: 58.413 $\pm$ 0.855 χ^2 /NDF:1150.3/39

All: 59.601 $\pm$ 0.614 χ^2 /NDF: 2185.6/76

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: -142.892+/-0.048 χ^2/NDF : 77234.5/20

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -140.736+/-0.048 χ^2/NDF : 46796.4/19

Left: -141.803+/-0.034 χ^2/NDF : 125030.6/40

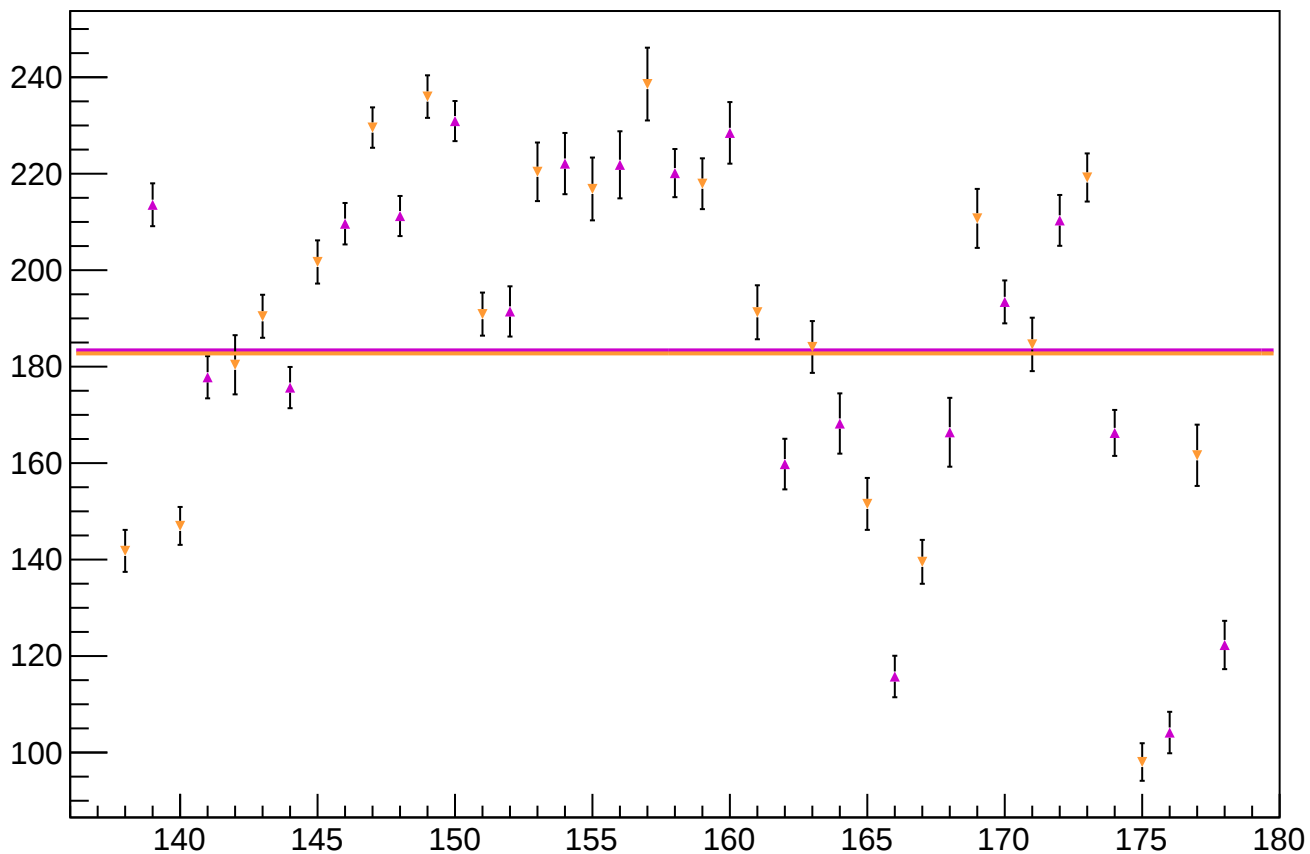
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.691+/-0.042 χ^2/NDF : 231917.4/36

Out: -136.135+/-0.042 χ^2/NDF : 321100.9/39

All: -136.905+/-0.030 χ^2/NDF : 553703.1/76

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: 182.742+/-1.087 χ^2/NDF :1316.2/20

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

Left In: 183.368+/-1.095 χ^2/NDF :1250.1/19

Left: 183.053+/-0.771 χ^2/NDF : 2566.5/40

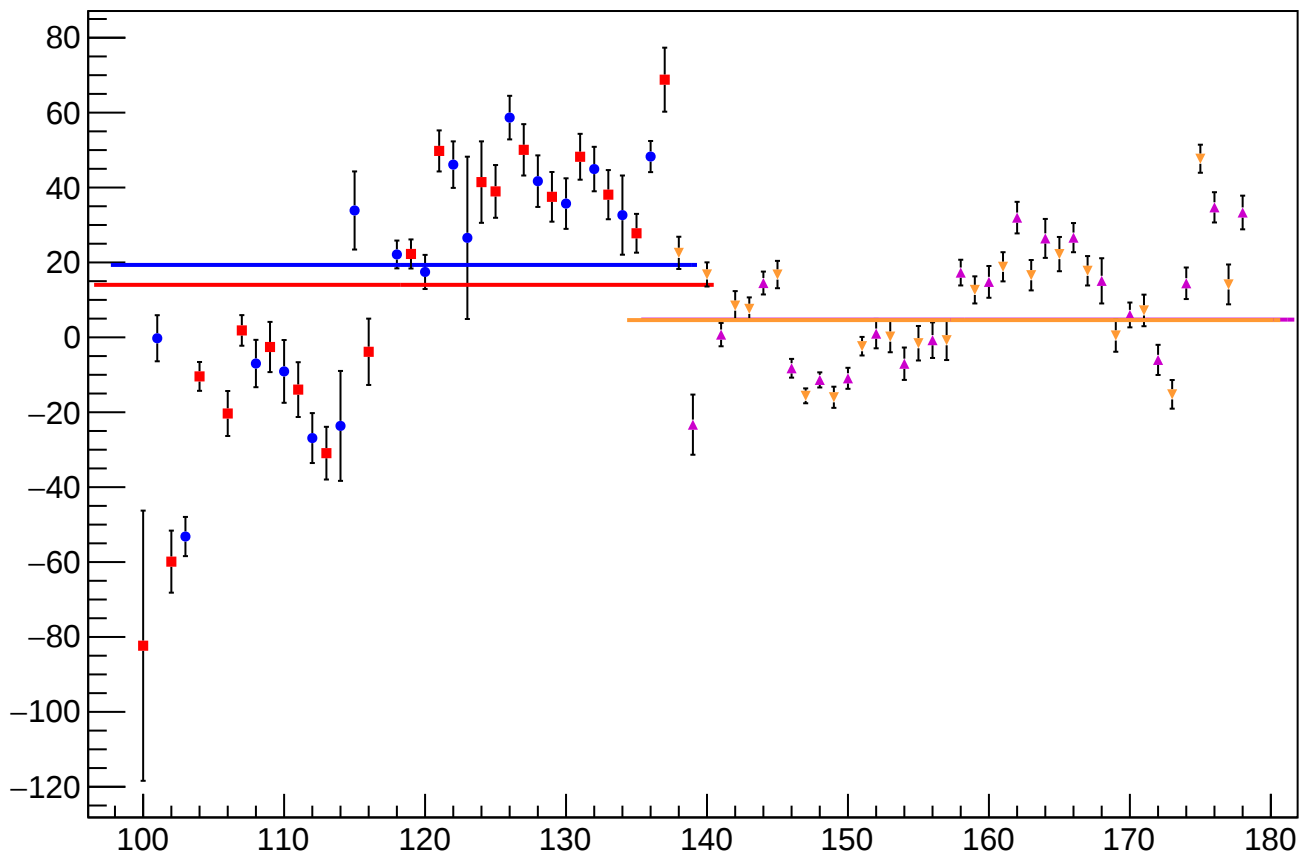
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 183.368+/-1.095 χ^2/NDF :1250.1/19

Out: 182.742+/-1.087 χ^2/NDF :1316.2/20

All: 183.053+/-0.771 χ^2/NDF : 2566.5/40

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: 4.607 ± 0.771 $\chi^2/\text{NDF}: 430.3/20$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: 4.733 ± 0.799 $\chi^2/\text{NDF}: 376.4/19$

Left: 4.668 ± 0.555 $\chi^2/\text{NDF}: 806.7/40$

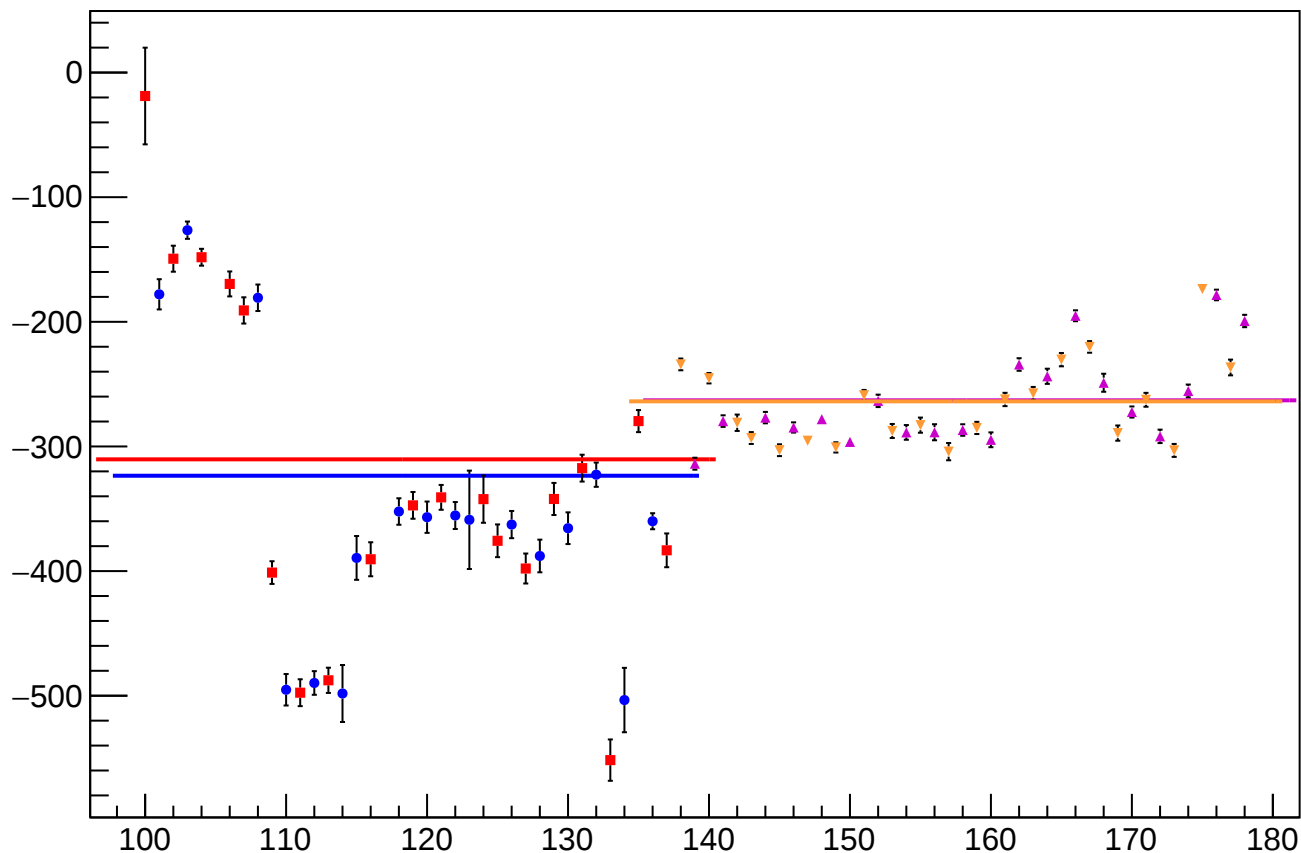
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 8.018 ± 0.703 $\chi^2/\text{NDF}: 891.4/36$

Out: 6.823 ± 0.675 $\chi^2/\text{NDF}: 898.6/39$

All: 7.396 ± 0.487 $\chi^2/\text{NDF}: 1791.5/76$

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: -263.806 ± 1.082 $\chi^2/\text{NDF}: 1158.5/20$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -262.985 ± 1.083 $\chi^2/\text{NDF}: 1221.4/19$

Left: -263.396 ± 0.765 $\chi^2/\text{NDF}: 2380.3/40$

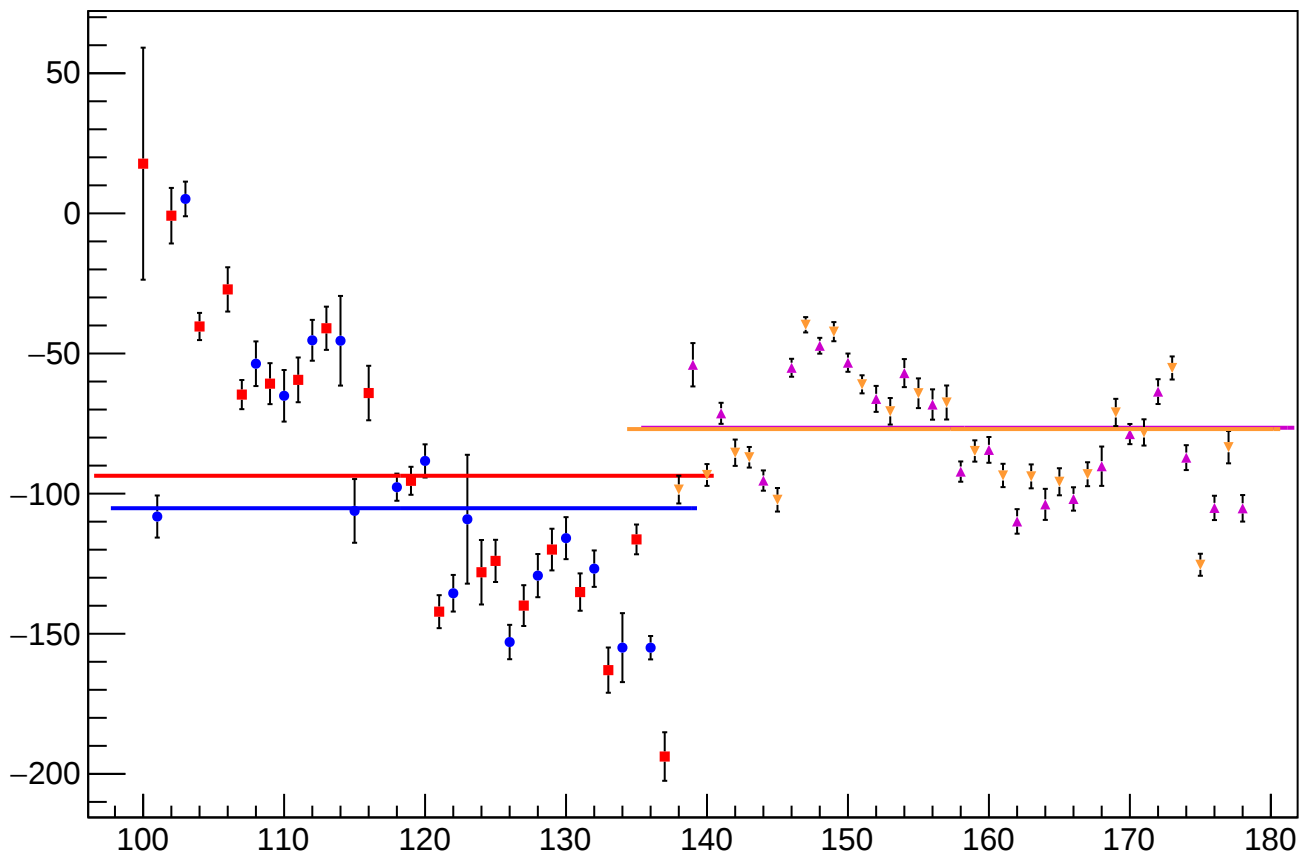
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -271.520 ± 1.004 $\chi^2/\text{NDF}: 3509.2/36$

Out: -271.035 ± 0.994 $\chi^2/\text{NDF}: 3746.7/39$

All: -271.275 ± 0.706 $\chi^2/\text{NDF}: 7256.0/76$

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: -76.961+/-0.903 χ^2/NDF : 654.1/20

Right Out: -93.625+/-1.610 χ^2/NDF : 822.7/18

Left In: -76.493+/-0.927 χ^2/NDF : 503.1/19

Left: -76.733+/-0.647 χ^2/NDF : 1157.4/40

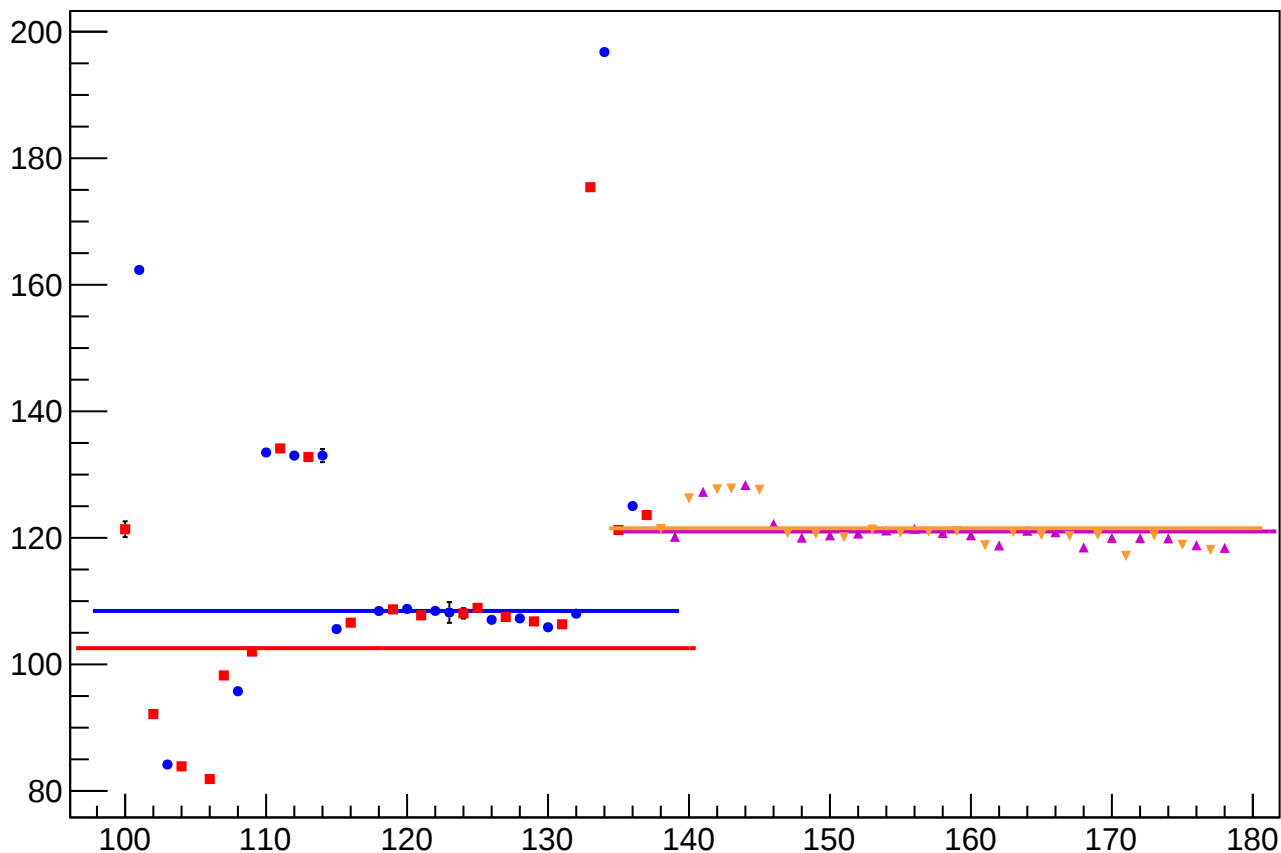
Right: -99.110+/-1.168 χ^2/NDF : 1582.8/35

In: -83.088+/-0.813 χ^2/NDF : 1459.3/36

Out: -80.948+/-0.787 χ^2/NDF : 1558.3/39

All: -81.984+/-0.566 χ^2/NDF : 3021.1/76

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 ± 0.085 $\chi^2/\text{NDF}: 73265.3/16$

Left Out: 121.517 ± 0.043 $\chi^2/\text{NDF}: 4652.8/20$

Right Out: 102.566 ± 0.079 $\chi^2/\text{NDF}: 53135.3/18$

Left In: 121.012 ± 0.043 $\chi^2/\text{NDF}: 3152.0/19$

Left: 121.264 ± 0.031 $\chi^2/\text{NDF}: 7872.8/40$

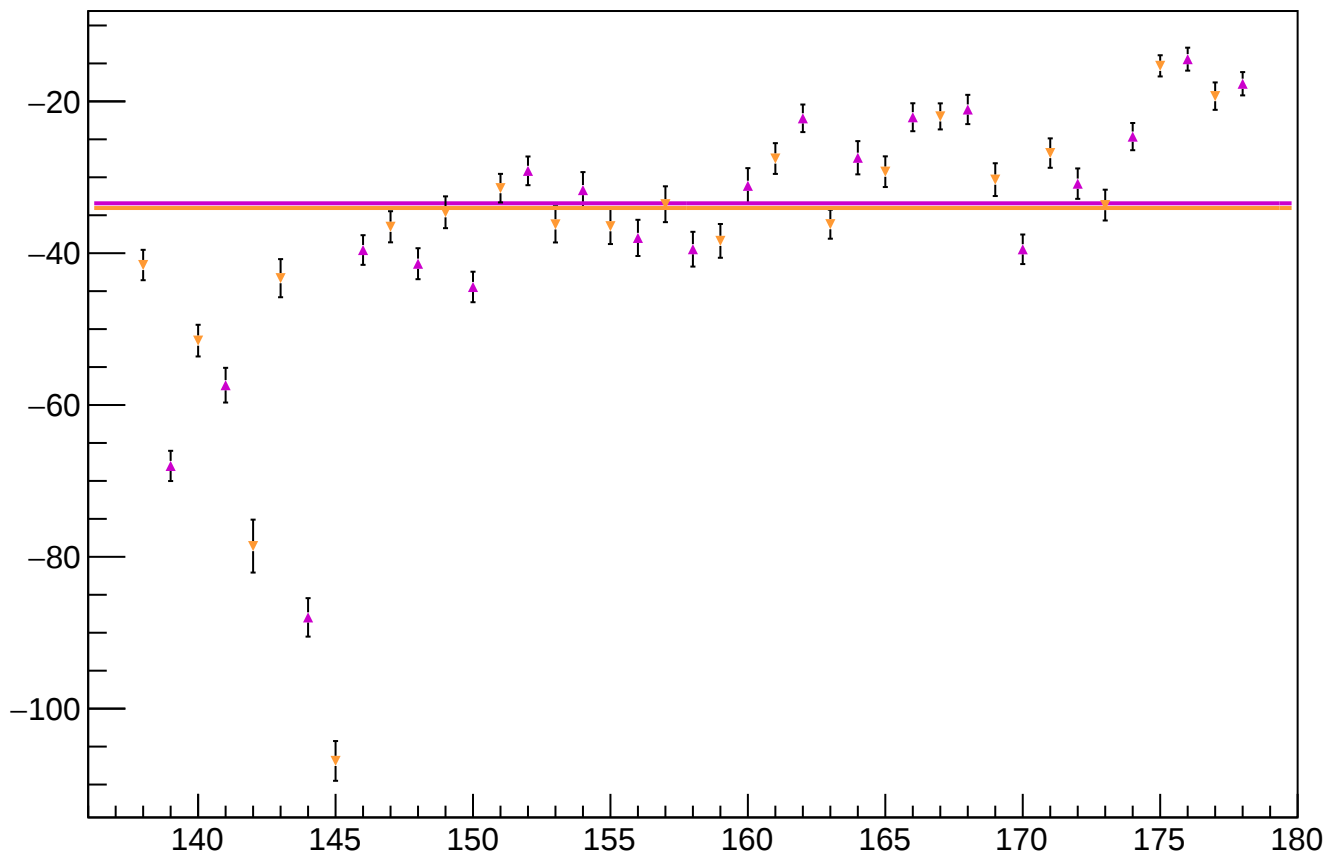
Right: 105.316 ± 0.058 $\chi^2/\text{NDF}: 128963.5/35$

In: 118.416 ± 0.039 $\chi^2/\text{NDF}: 93835.6/36$

Out: 117.163 ± 0.038 $\chi^2/\text{NDF}: 101621.8/39$

All: 117.782 ± 0.027 $\chi^2/\text{NDF}: 195992.4/76$

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: -34.049 $\pm$ 0.447 χ^2 /NDF:1373.6/20

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

Left In: -33.426 $\pm$ 0.442 χ^2 /NDF:1370.1/19

Left: -33.734 $\pm$ 0.314 χ^2 /NDF: 2744.7/40

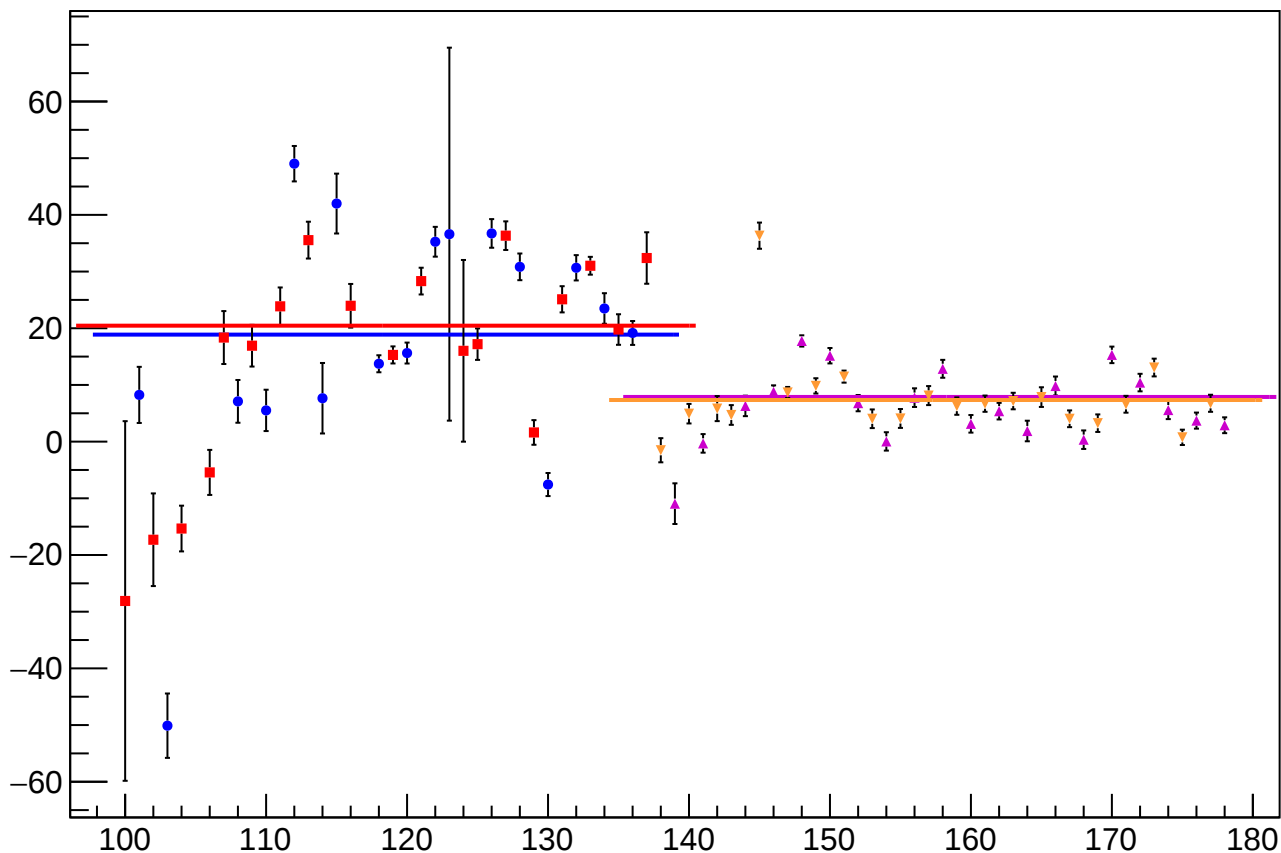
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -33.426 $\pm$ 0.442 χ^2 /NDF:1370.1/19

Out: -34.049 $\pm$ 0.447 χ^2 /NDF:1373.6/20

All: -33.734 $\pm$ 0.314 χ^2 /NDF: 2744.7/40

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 $\chi^2/\text{NDF}: 620.5/16$

Left Out: 7.343 ± 0.328 $\chi^2/\text{NDF}: 258.1/20$

Right Out: 20.454 ± 0.643 $\chi^2/\text{NDF}: 364.8/18$

Left In: 7.880 ± 0.335 $\chi^2/\text{NDF}: 313.6/19$

Left: 7.606 ± 0.234 $\chi^2/\text{NDF}: 573.1/40$

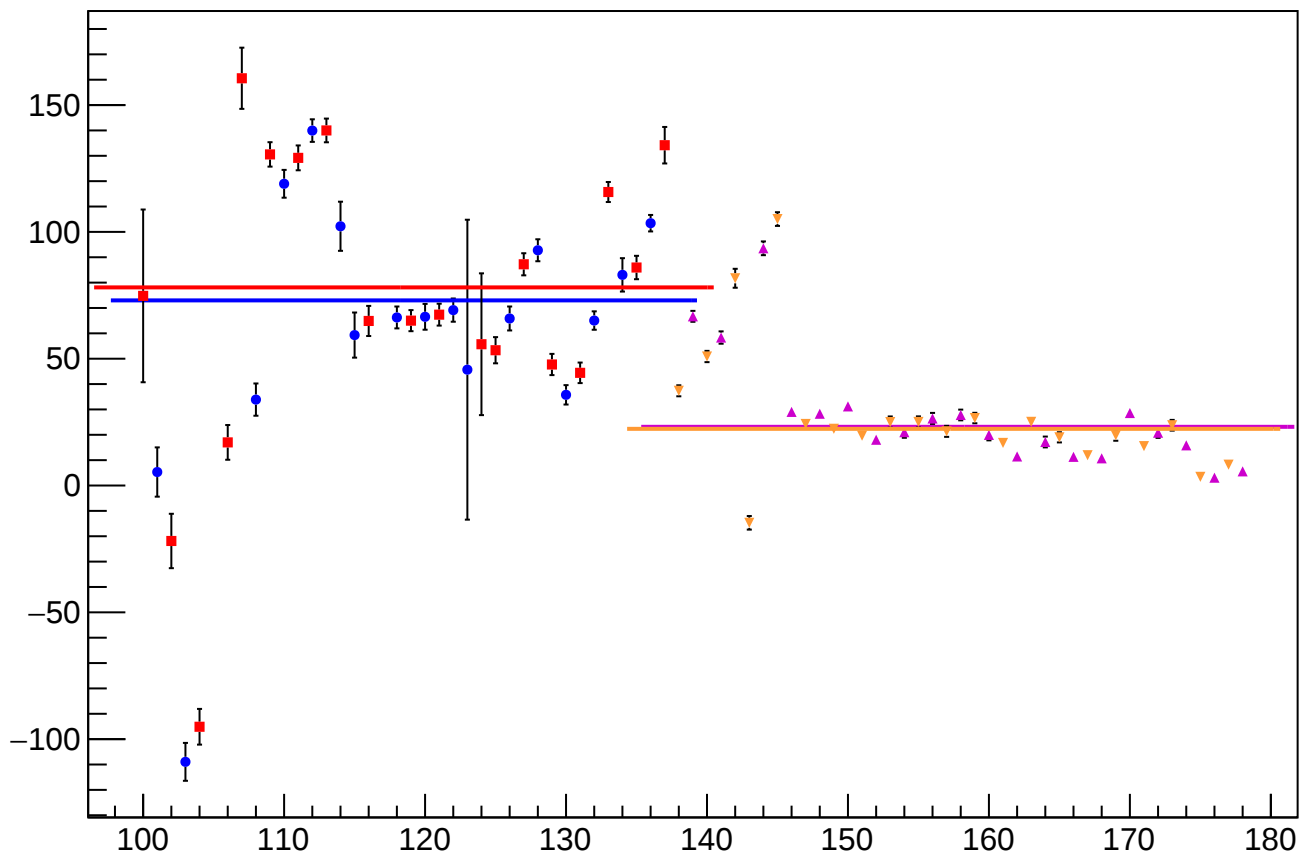
Right: 19.666 ± 0.455 $\chi^2/\text{NDF}: 988.3/35$

In: 10.215 ± 0.297 $\chi^2/\text{NDF}: 1163.4/36$

Out: 10.047 ± 0.292 $\chi^2/\text{NDF}: 952.5/39$

All: 10.130 ± 0.208 $\chi^2/\text{NDF}: 2116.1/76$

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: 22.347 $\pm$ 0.442 χ^2 /NDF:1911.6/20

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 23.145 $\pm$ 0.436 χ^2 /NDF:1814.3/19

Left: 22.751 $\pm$ 0.310 χ^2 /NDF: 3727.5/40

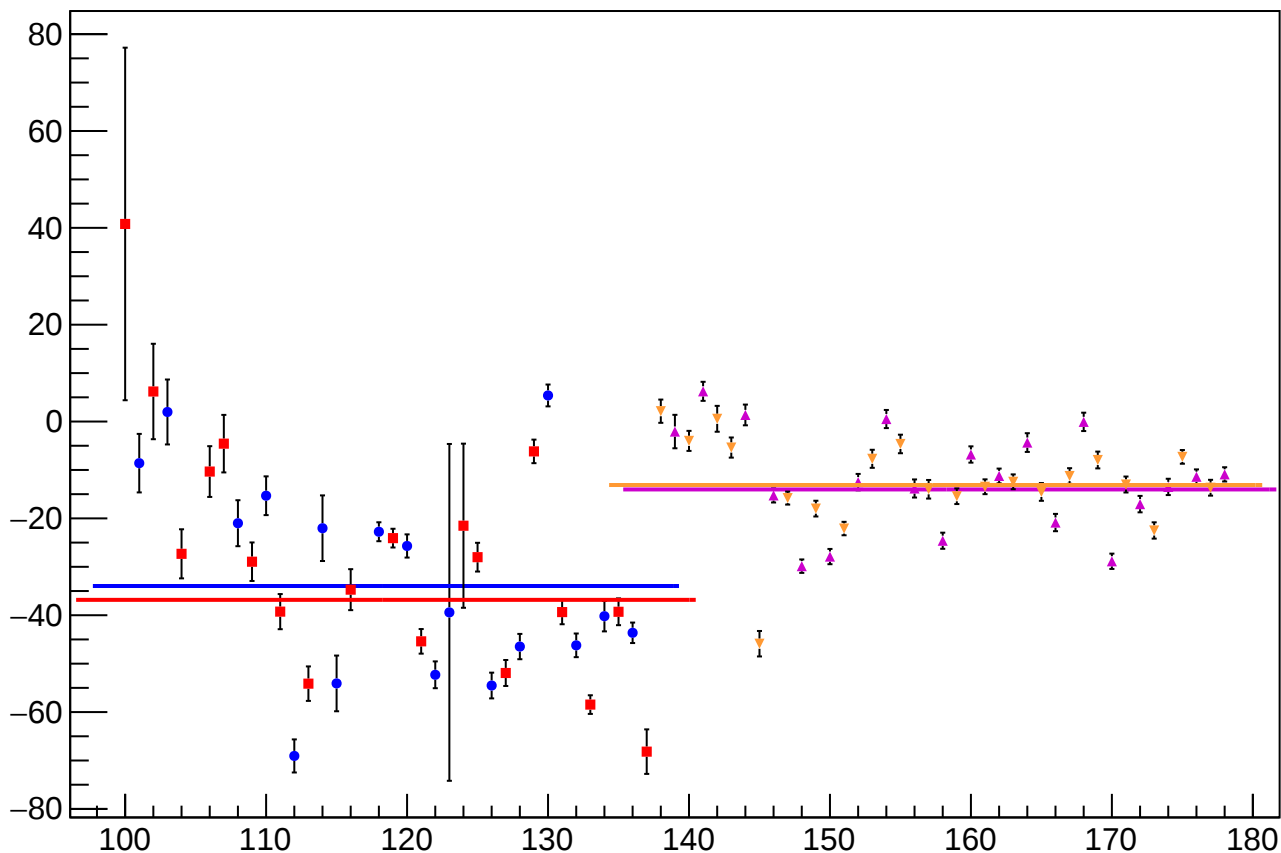
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 28.716 $\pm$ 0.411 χ^2 /NDF:4478.5/36

Out: 28.788 $\pm$ 0.416 χ^2 /NDF:5297.3/39

All: 28.751 $\pm$ 0.292 χ^2 /NDF: 9775.8/76

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.107 ± 0.376 χ^2/NDF : 399.4/20

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.026 ± 0.381 χ^2/NDF : 694.3/19

Left: -13.560 ± 0.268 χ^2/NDF : 1096.6/40

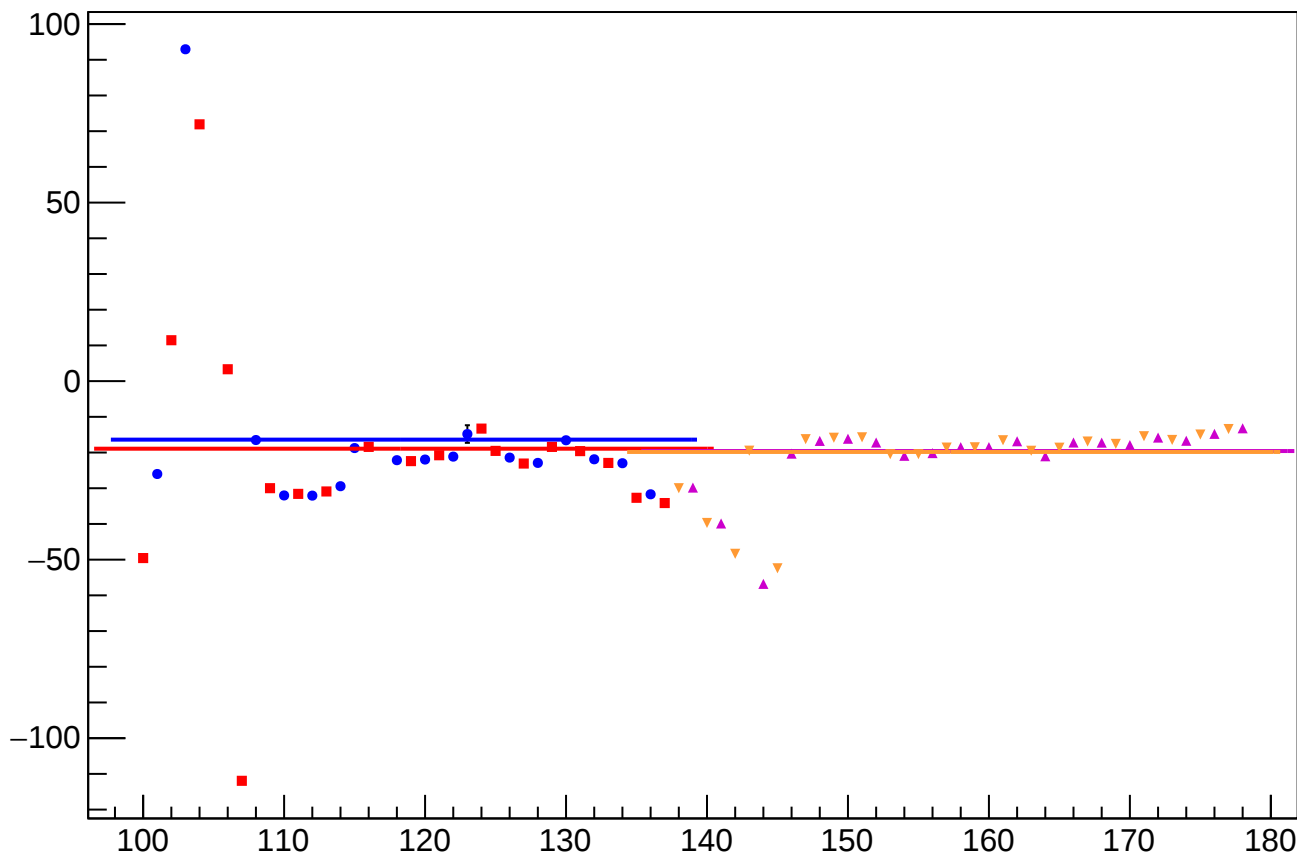
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -18.232 ± 0.339 χ^2/NDF : 1992.8/36

Out: -18.016 ± 0.335 χ^2/NDF : 1761.0/39

All: -18.123 ± 0.238 χ^2/NDF : 3754.0/76

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: -19.836 ± 0.017 $\chi^2/\text{NDF}: 217341.5/20$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -19.580 ± 0.017 $\chi^2/\text{NDF}: 185768.5/19$

Left: -19.706 ± 0.012 $\chi^2/\text{NDF}: 403218.5/40$

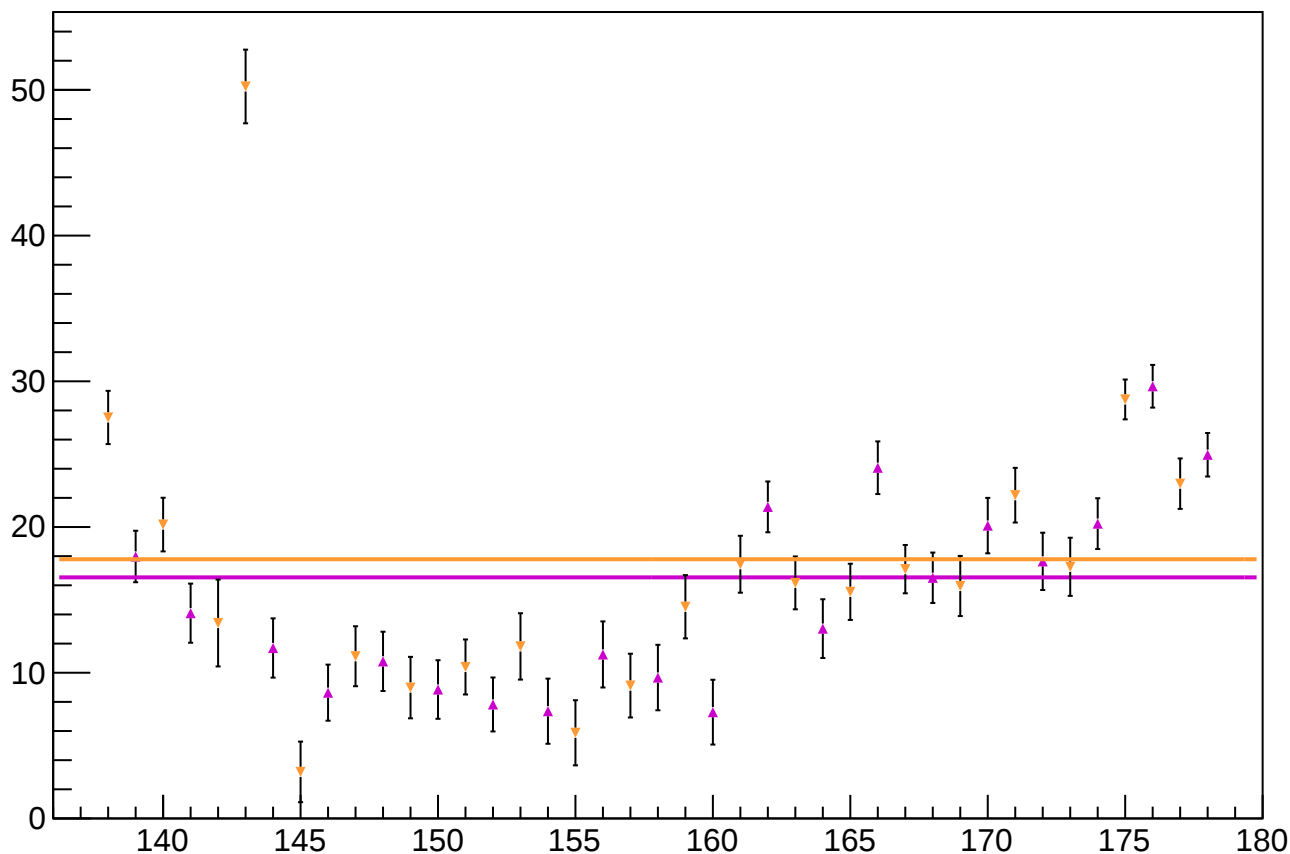
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -19.161 ± 0.016 $\chi^2/\text{NDF}: 664546.9/36$

Out: -19.718 ± 0.016 $\chi^2/\text{NDF}: 651839.9/39$

All: -19.436 ± 0.011 $\chi^2/\text{NDF}: 1316978.0/76$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 17.790+/-0.427 χ^2/NDF :424.8/20

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

Left In: 16.545+/-0.421 χ^2/NDF :266.9/19

Left: 17.159+/-0.300 χ^2/NDF : 696.0/40

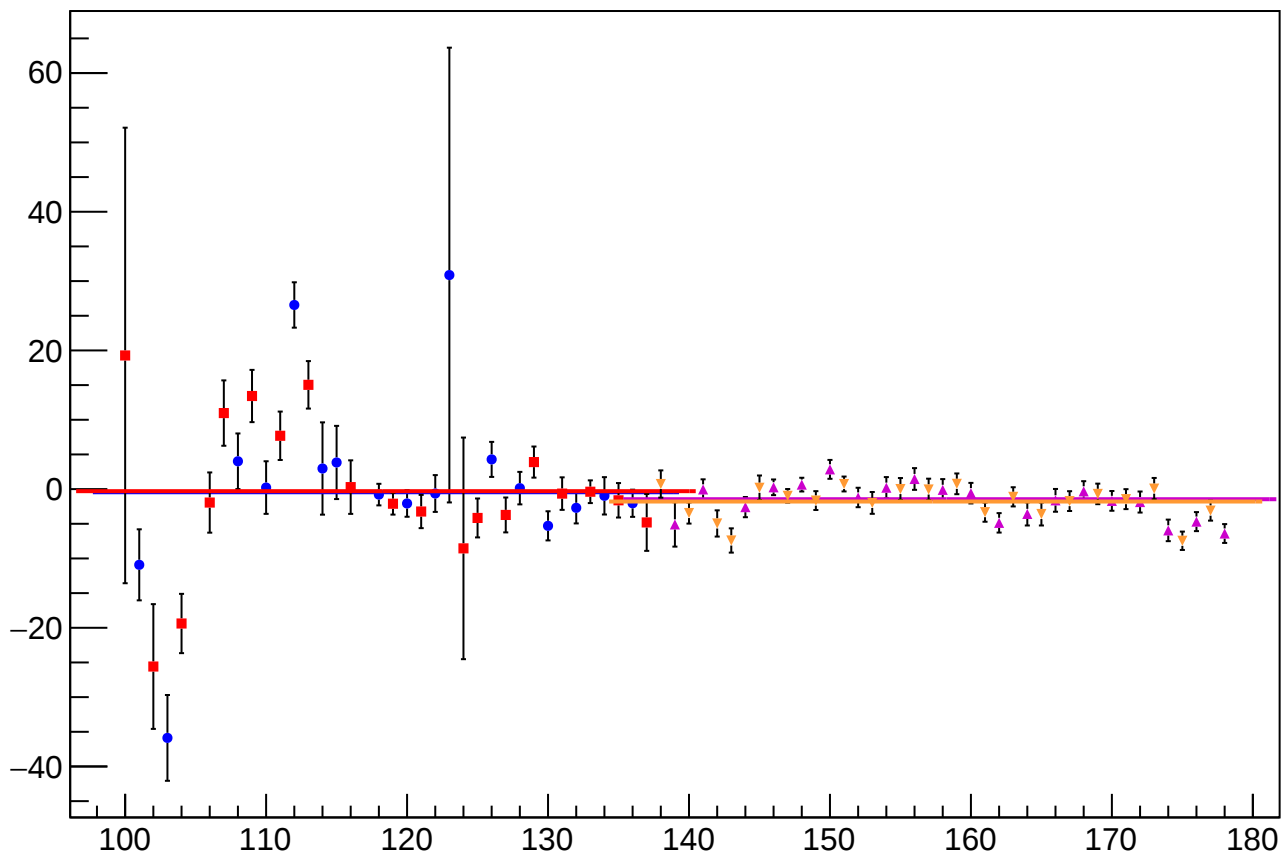
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.545+/-0.421 χ^2/NDF :266.9/19

Out: 17.790+/-0.427 χ^2/NDF :424.8/20

All: 17.159+/-0.300 χ^2/NDF : 696.0/40

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: -1.789 ± 0.316 χ^2/NDF : 52.7/20

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -1.458 ± 0.321 χ^2/NDF : 60.9/19

Left: -1.626 ± 0.225 χ^2/NDF : 114.1/40

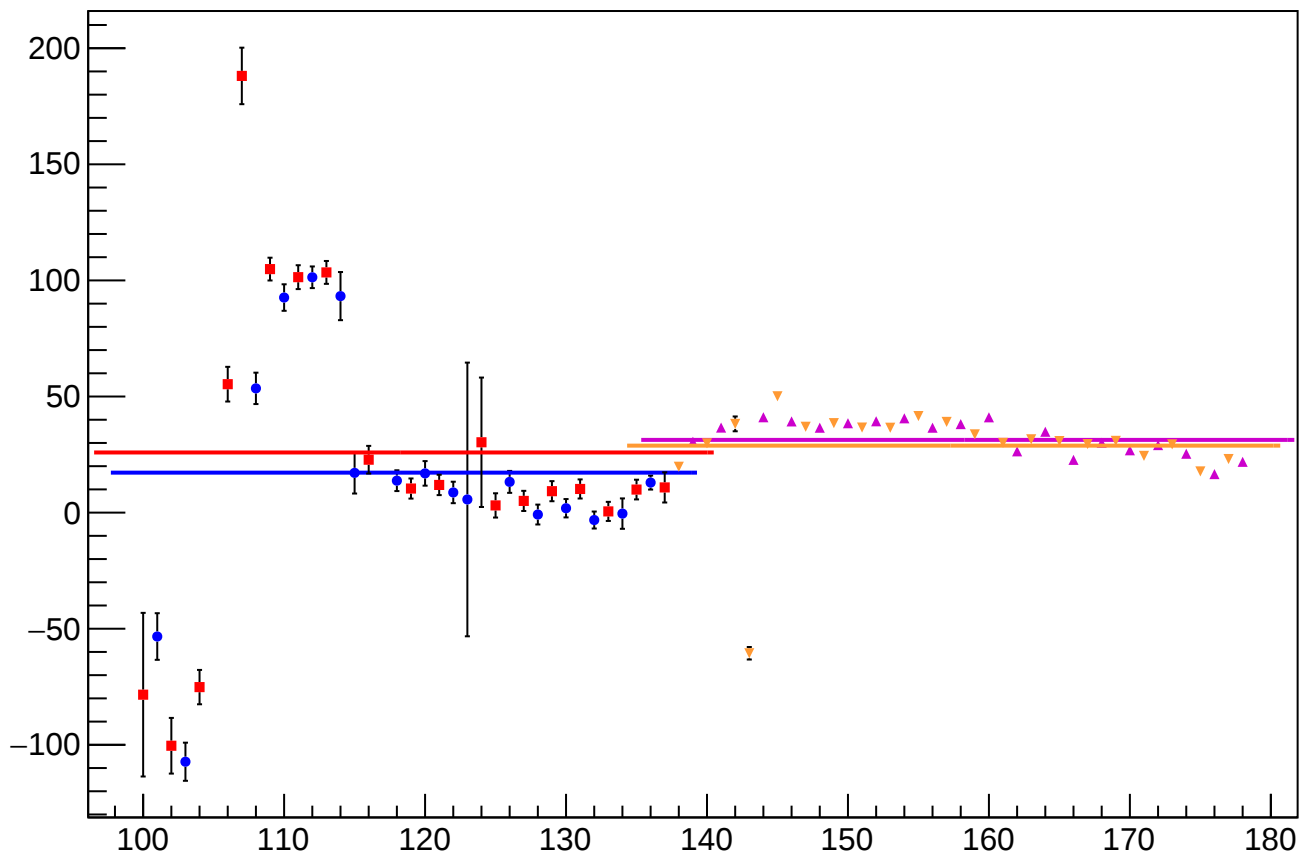
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -1.263 ± 0.288 χ^2/NDF : 182.3/36

Out: -1.510 ± 0.284 χ^2/NDF : 141.4/39

All: -1.388 ± 0.202 χ^2/NDF : 324.1/76

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: 28.846 ± 0.423 $\chi^2/\text{NDF}: 1455.4/20$

Right Out: 25.902 ± 1.243 $\chi^2/\text{NDF}: 1374.8/18$

Left In: 31.321 ± 0.416 $\chi^2/\text{NDF}: 341.4/19$

Left: 30.102 ± 0.297 $\chi^2/\text{NDF}: 1814.1/40$

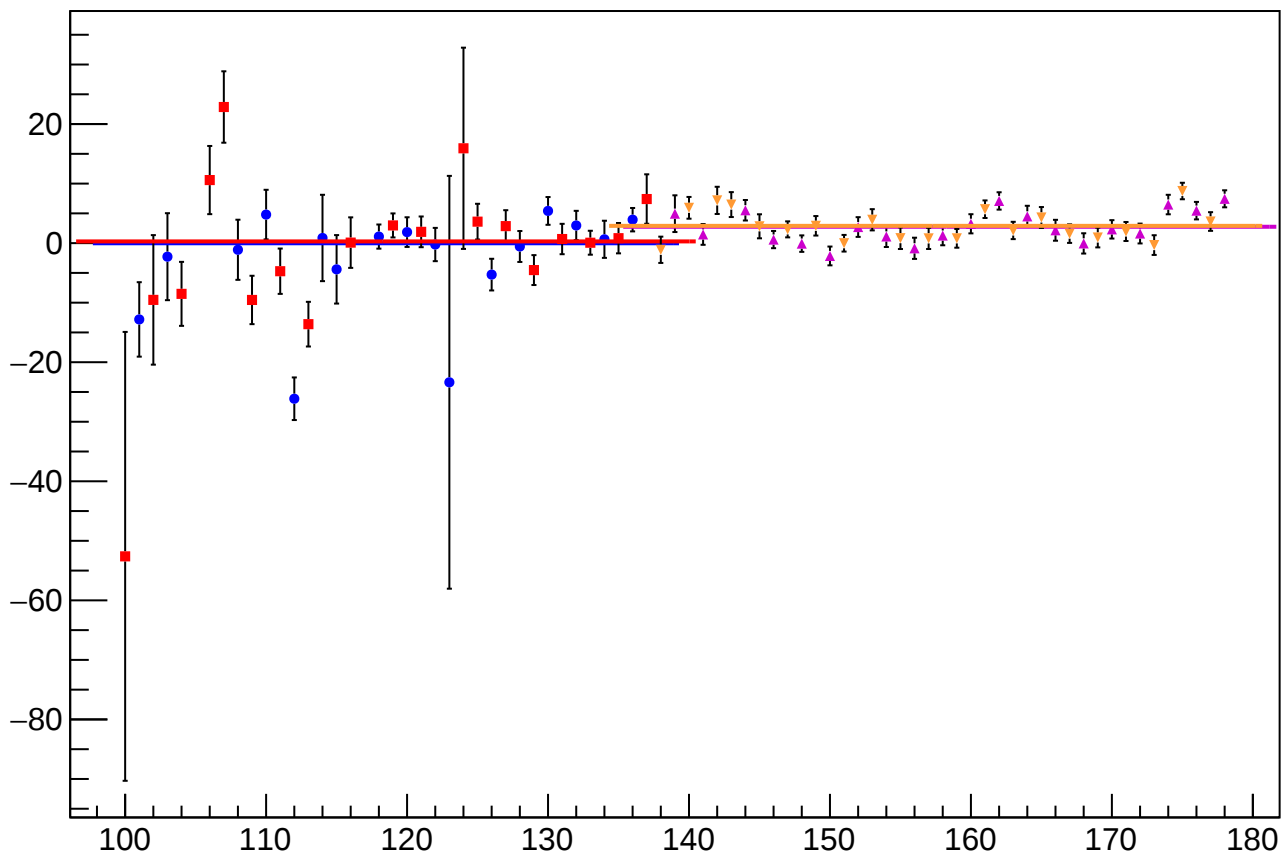
Right: 21.552 ± 0.878 $\chi^2/\text{NDF}: 2339.3/35$

In: 29.893 ± 0.395 $\chi^2/\text{NDF}: 1397.6/36$

Out: 28.541 ± 0.400 $\chi^2/\text{NDF}: 2835.1/39$

All: 29.226 ± 0.281 $\chi^2/\text{NDF}: 4238.5/76$

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: 2.903 ± 0.361 χ^2/NDF : 50.7/20

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.752 ± 0.365 χ^2/NDF : 58.1/19

Left: 2.828 ± 0.257 χ^2/NDF : 108.9/40

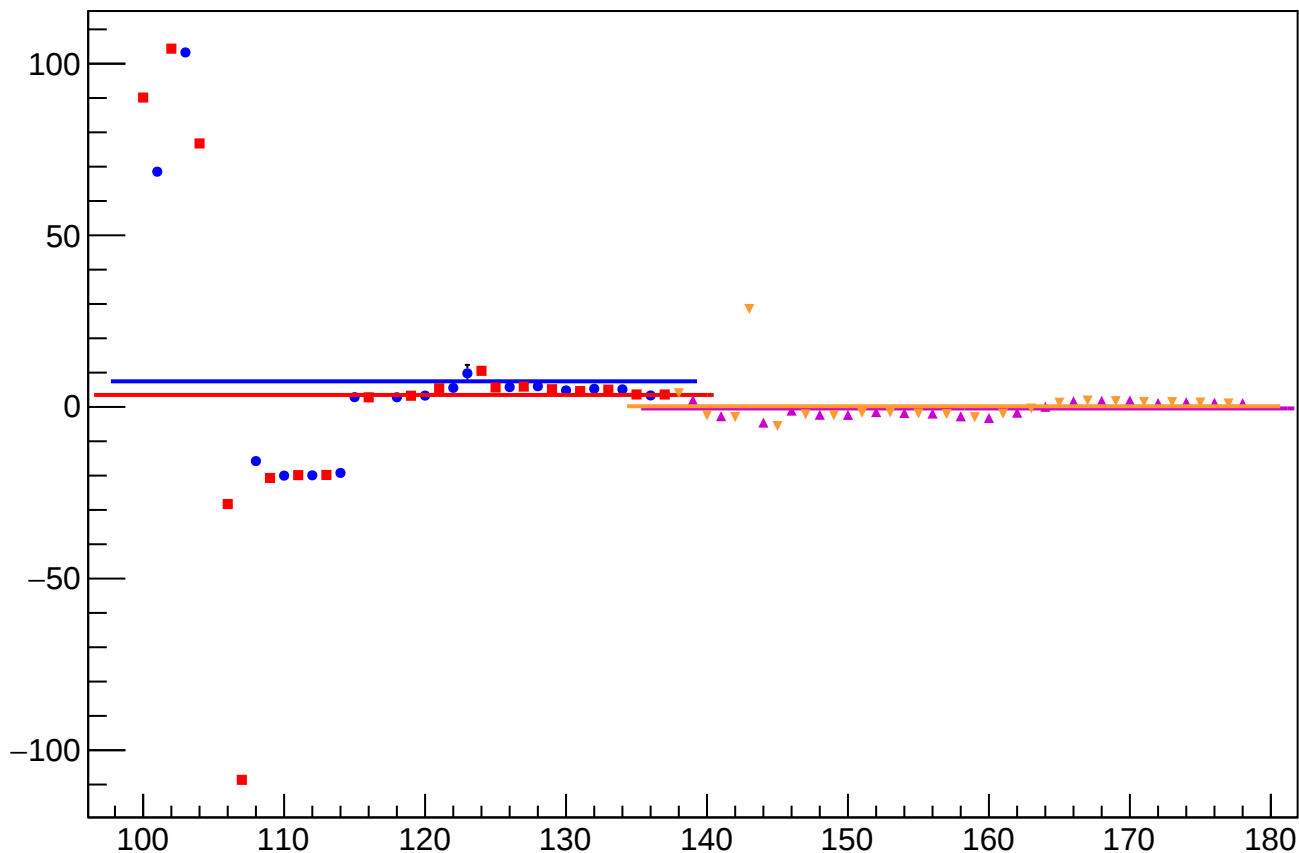
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 2.214 ± 0.328 χ^2/NDF : 145.2/36

Out: 2.410 ± 0.325 χ^2/NDF : 116.6/39

All: 2.313 ± 0.231 χ^2/NDF : 261.9/76

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: 0.205+/-0.017 χ^2/NDF : 86935.4/20

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -0.434+/-0.016 χ^2/NDF : 14016.0/19

Left: -0.118+/-0.012 χ^2/NDF : 101696.2/40

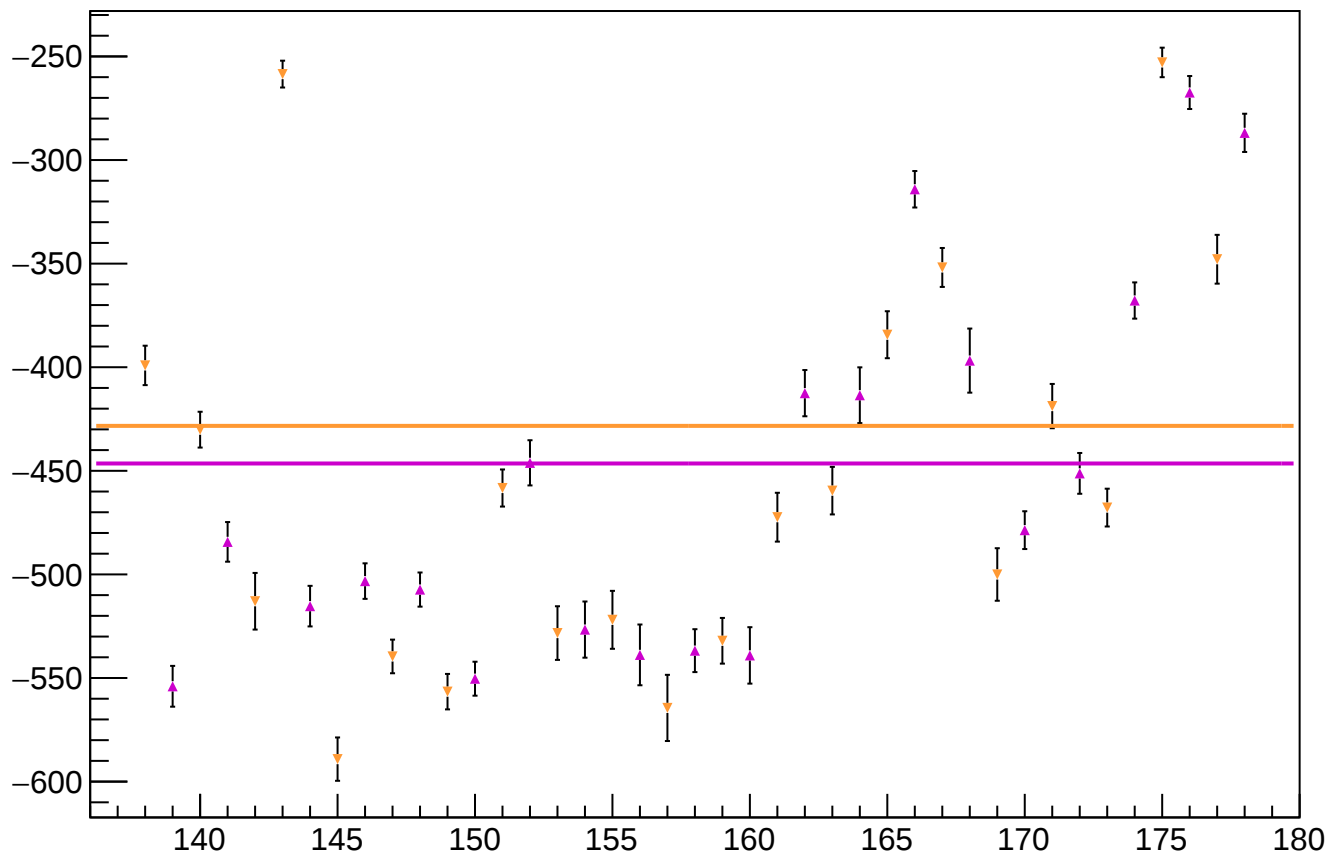
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 0.517+/-0.015 χ^2/NDF : 397672.0/36

Out: 0.594+/-0.016 χ^2/NDF : 602126.2/39

All: 0.555+/-0.011 χ^2/NDF : 999810.1/76

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: -428.307+/-2.156 χ^2/NDF :2467.7/20

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

Left In: -446.462+/-2.227 χ^2/NDF :1790.4/19

Left: -437.093+/-1.549 χ^2/NDF : 4292.4/40

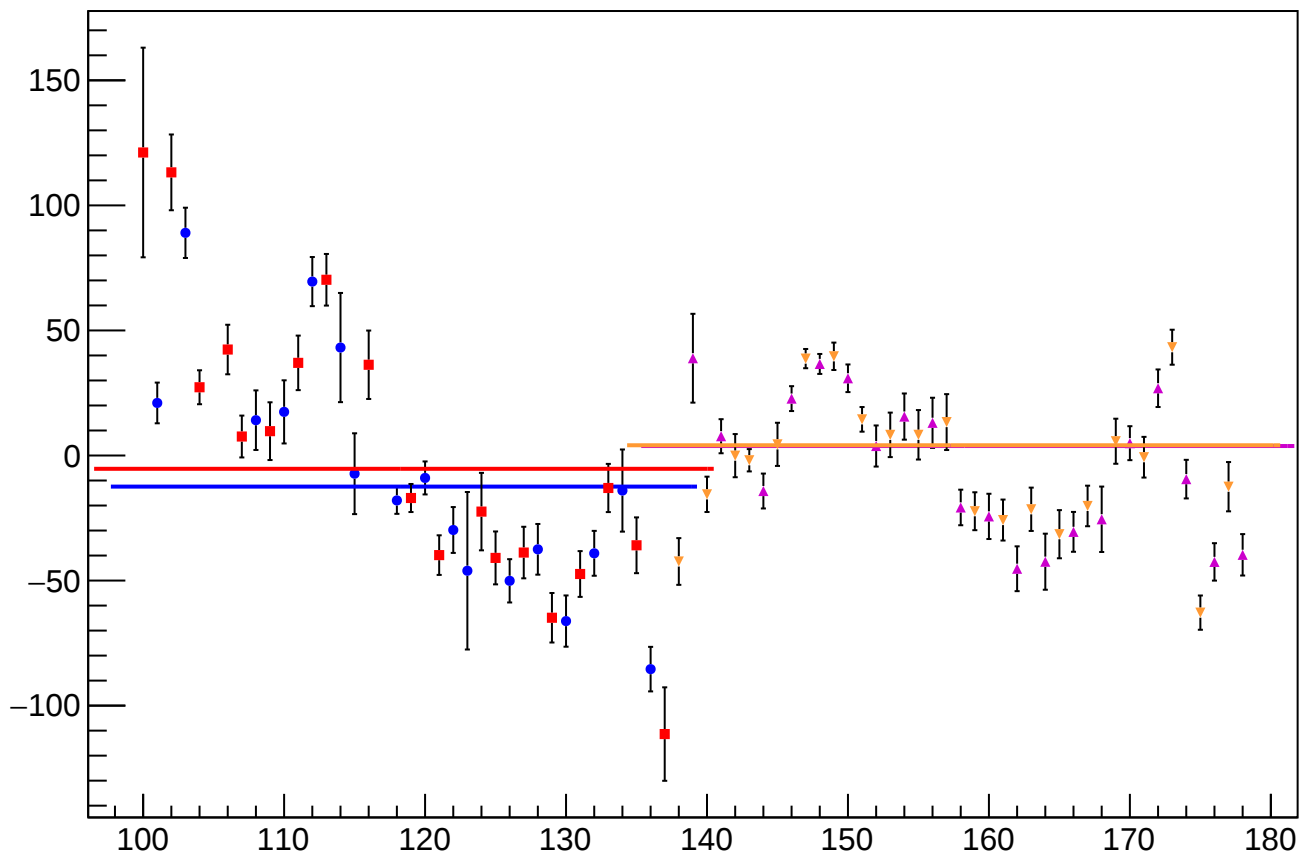
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -446.462+/-2.227 χ^2/NDF :1790.4/19

Out: -428.307+/-2.156 χ^2/NDF :2467.7/20

All: -437.093+/-1.549 χ^2/NDF : 4292.4/40

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: 4.096 ± 1.520 χ^2/NDF : 350.2/20

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 3.790 ± 1.621 χ^2/NDF : 290.2/19

Left: 3.953 ± 1.109 χ^2/NDF : 640.4/40

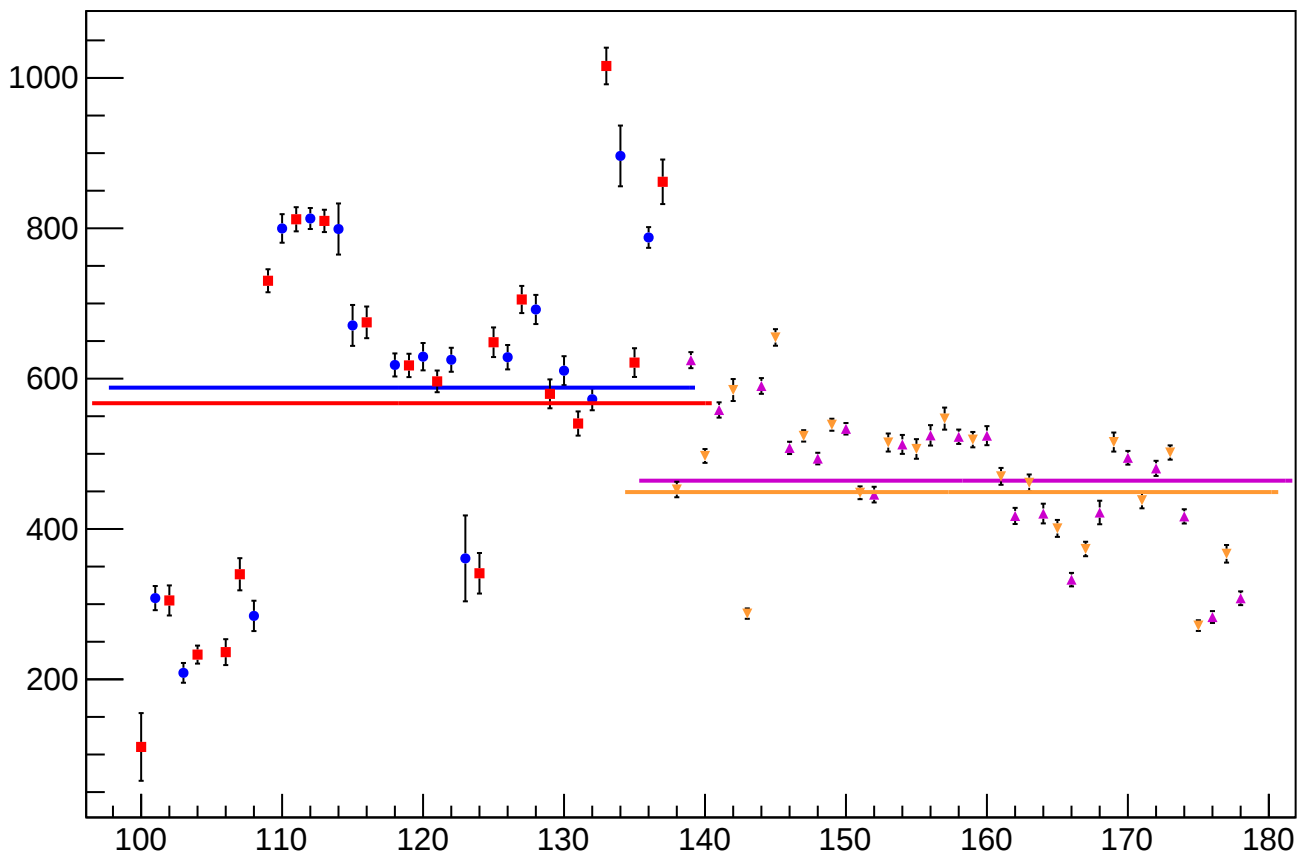
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: -1.548 ± 1.328 χ^2/NDF : 663.3/36

Out: 1.163 ± 1.261 χ^2/NDF : 704.9/39

All: -0.123 ± 0.915 χ^2/NDF : 1370.4/76

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: 449.103 $\pm$ 2.149 χ^2 /NDF:2189.5/20

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 464.266 $\pm$ 2.201 χ^2 /NDF:1791.1/19

Left: 456.501 $\pm$ 1.538 χ^2 /NDF: 4004.9/40

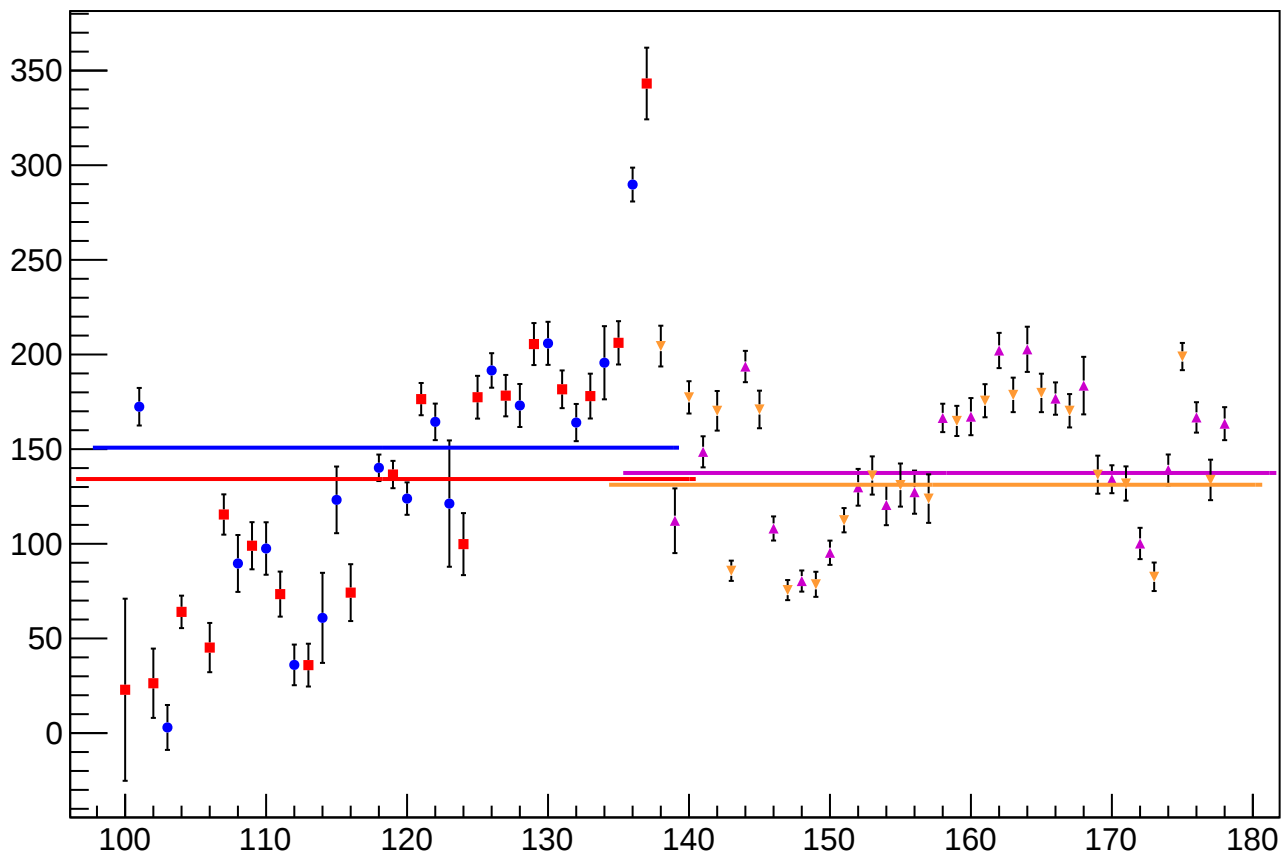
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 489.699 $\pm$ 1.962 χ^2 /NDF:4568.3/36

Out: 474.254 $\pm$ 1.906 χ^2 /NDF:5617.7/39

All: 481.753 $\pm$ 1.367 χ^2 /NDF: 10217.9/76

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: 131.194 $\pm$ 1.784 χ^2 /NDF: 604.1/20

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 137.423 $\pm$ 1.881 χ^2 /NDF: 398.8/19

Left: 134.143 $\pm$ 1.295 χ^2 /NDF: 1008.6/40

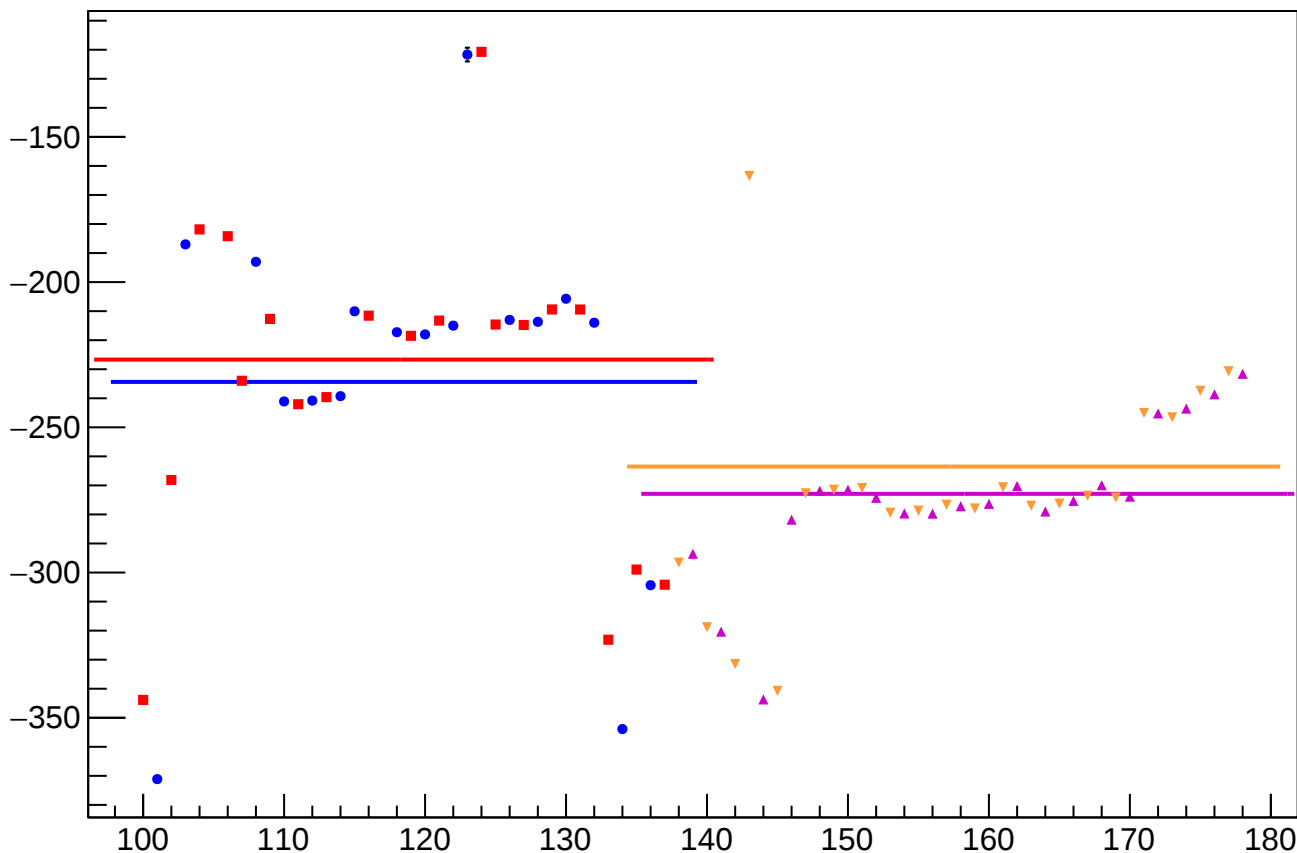
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 141.835 $\pm$ 1.540 χ^2 /NDF: 1048.6/36

Out: 132.154 $\pm$ 1.474 χ^2 /NDF: 1186.6/39

All: 136.783 $\pm$ 1.065 χ^2 /NDF: 2255.8/76

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: -263.508+/-0.087 χ^2/NDF : 224705.9/20

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -272.902+/-0.088 χ^2/NDF : 73116.1/19

Left: -268.115+/-0.062 χ^2/NDF : 303591.8/40

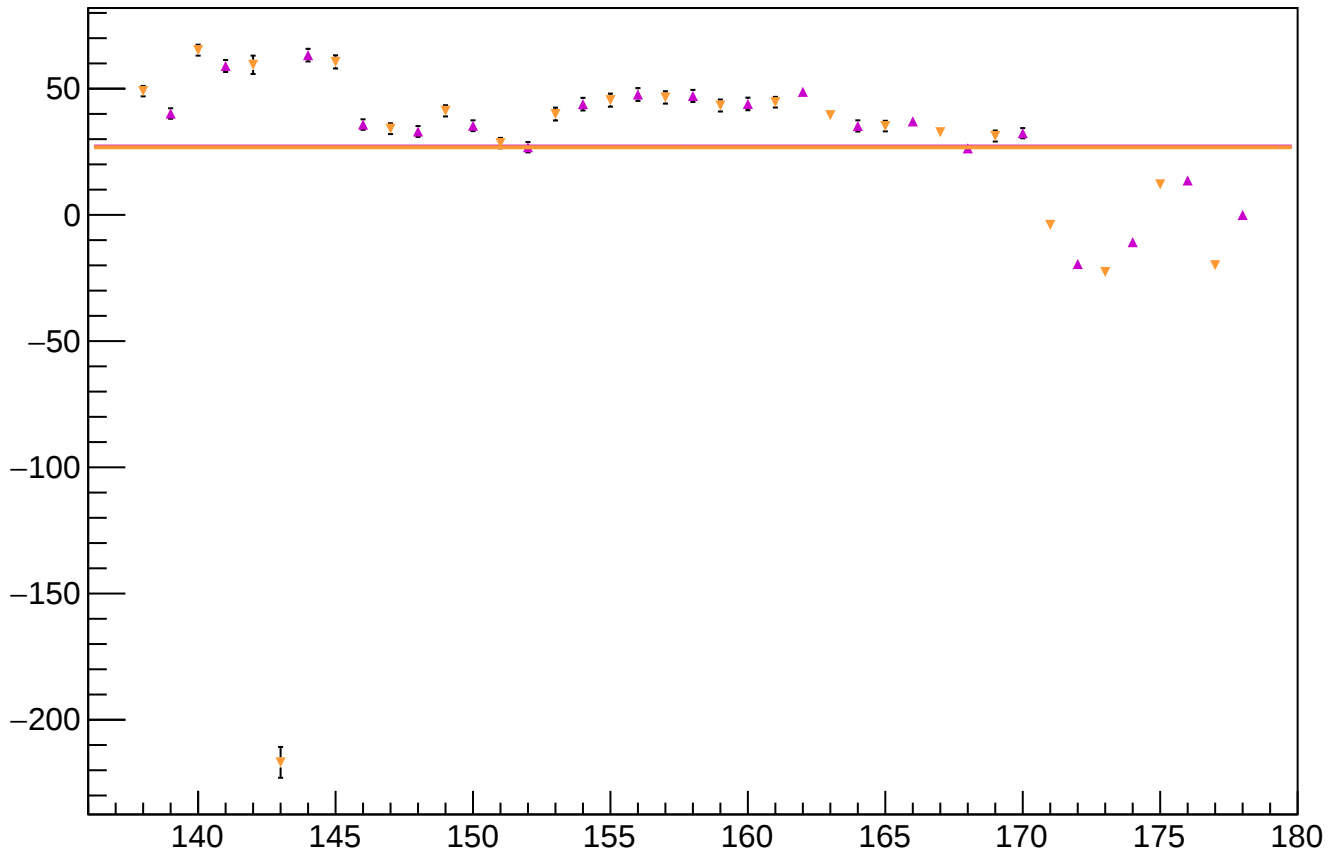
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -262.835+/-0.076 χ^2/NDF : 268056.6/36

Out: -253.445+/-0.074 χ^2/NDF : 373615.1/39

All: -258.012+/-0.053 χ^2/NDF : 649537.7/76

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: 26.795+/-0.469 χ^2/NDF :4287.7/20

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

Left In: 27.046+/-0.453 χ^2/NDF :2343.0/19

Left: 26.925+/-0.326 χ^2/NDF : 6630.9/40

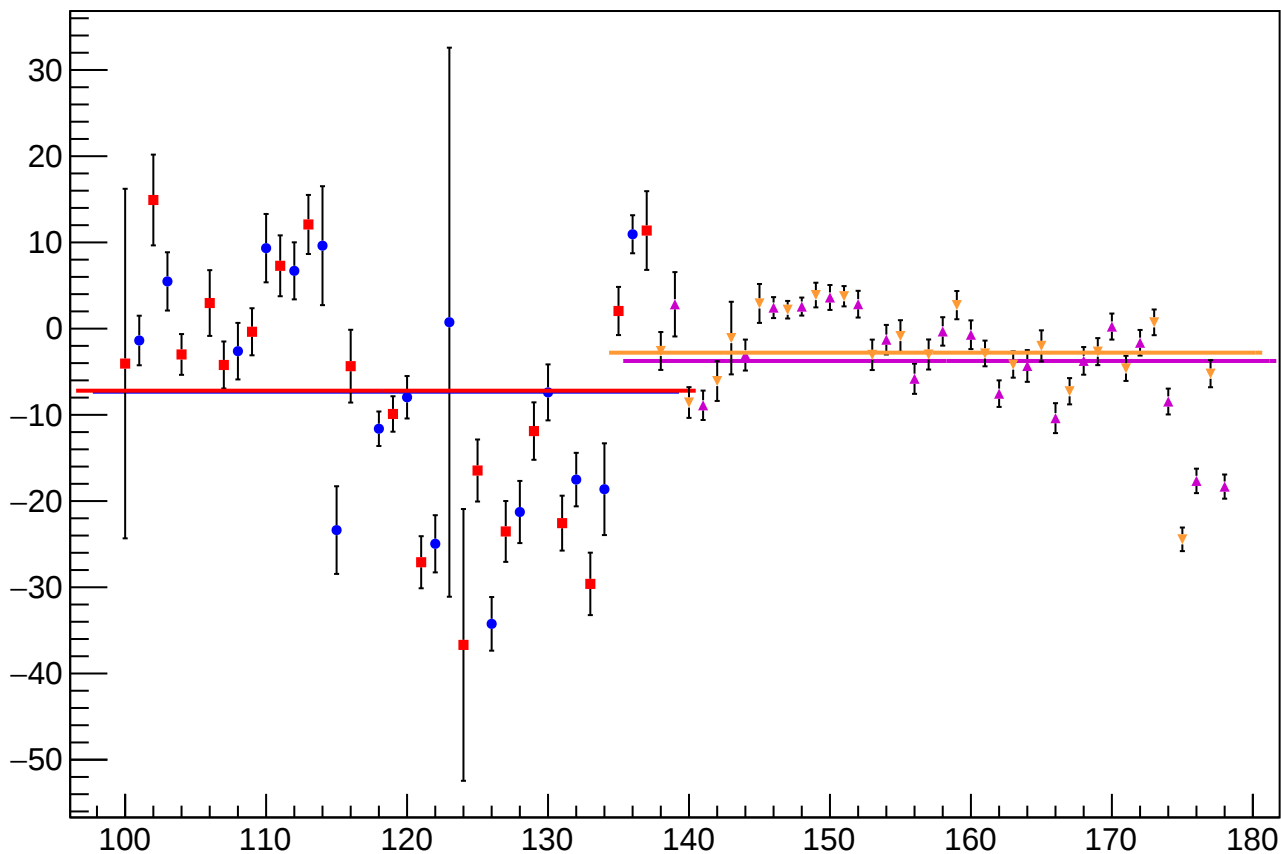
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.046+/-0.453 χ^2/NDF :2343.0/19

Out: 26.795+/-0.469 χ^2/NDF :4287.7/20

All: 26.925+/-0.326 χ^2/NDF : 6630.9/40

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: -2.788 ± 0.346 χ^2/NDF : 377.5/20

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -3.751 ± 0.345 χ^2/NDF : 373.6/19

Left: -3.271 ± 0.245 χ^2/NDF : 754.9/40

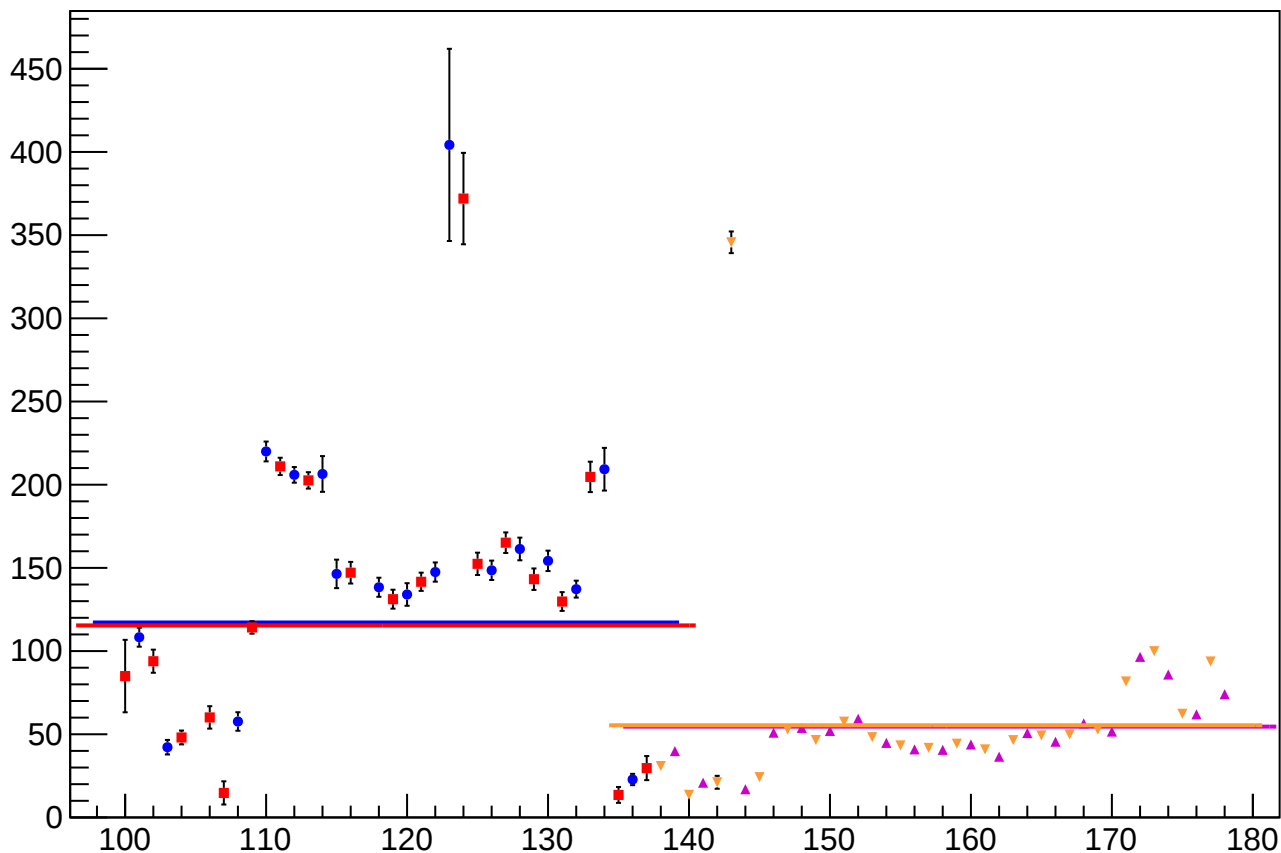
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -4.335 ± 0.316 χ^2/NDF : 670.1/36

Out: -3.544 ± 0.315 χ^2/NDF : 657.4/39

All: -3.939 ± 0.223 χ^2/NDF : 1330.6/76

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 55.410+/-0.463 χ^2/NDF : 3963.3/20

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 54.592+/-0.448 χ^2/NDF : 1595.3/19

Left: 54.987+/-0.322 χ^2/NDF : 5560.2/40

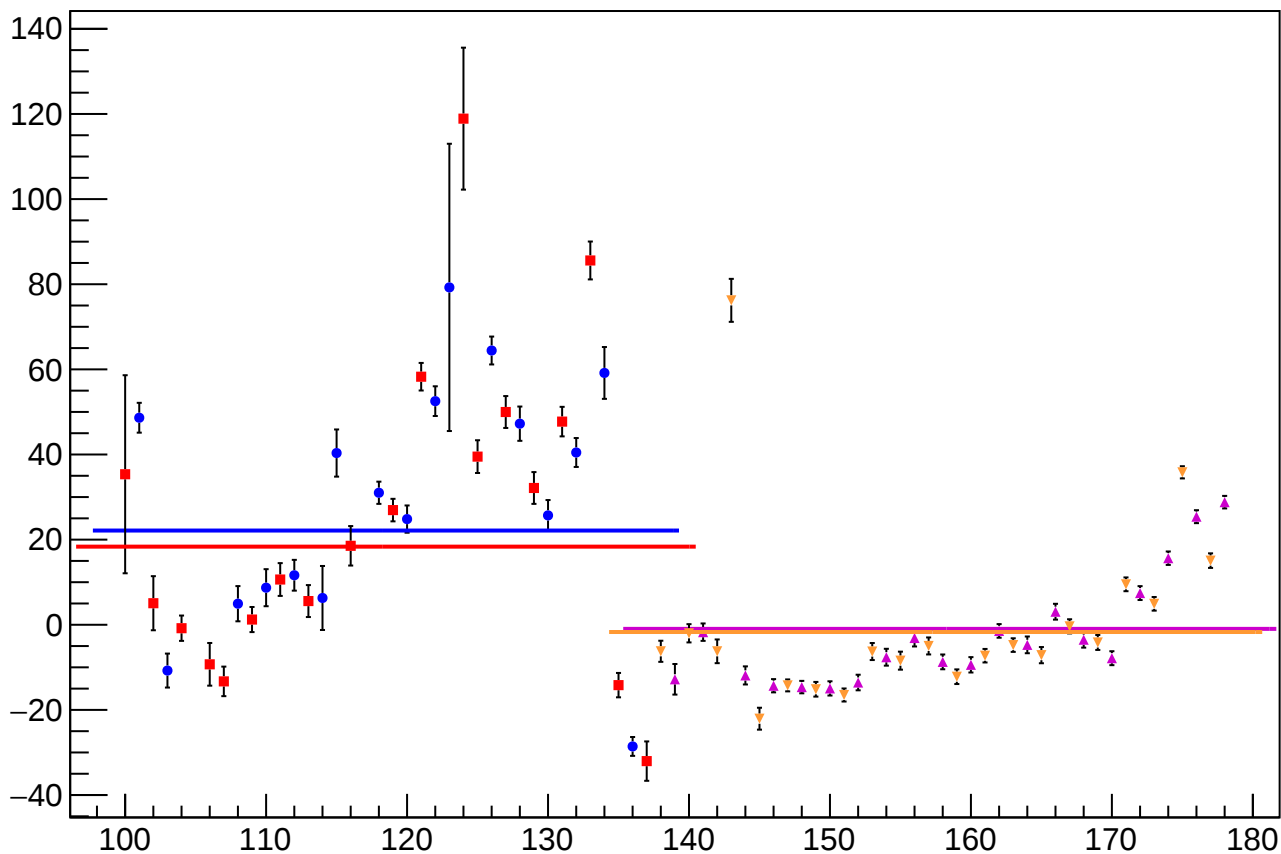
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 60.331+/-0.427 χ^2/NDF : 5540.9/36

Out: 61.652+/-0.439 χ^2/NDF : 7858.7/39

All: 60.974+/-0.306 χ^2/NDF : 13404.3/76

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: -1.700 $\pm$ 0.396 χ^2 /NDF:1468.2/20

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: -0.965 $\pm$ 0.393 χ^2 /NDF:1241.8/19

Left: -1.329 $\pm$ 0.279 χ^2 /NDF: 2711.7/40

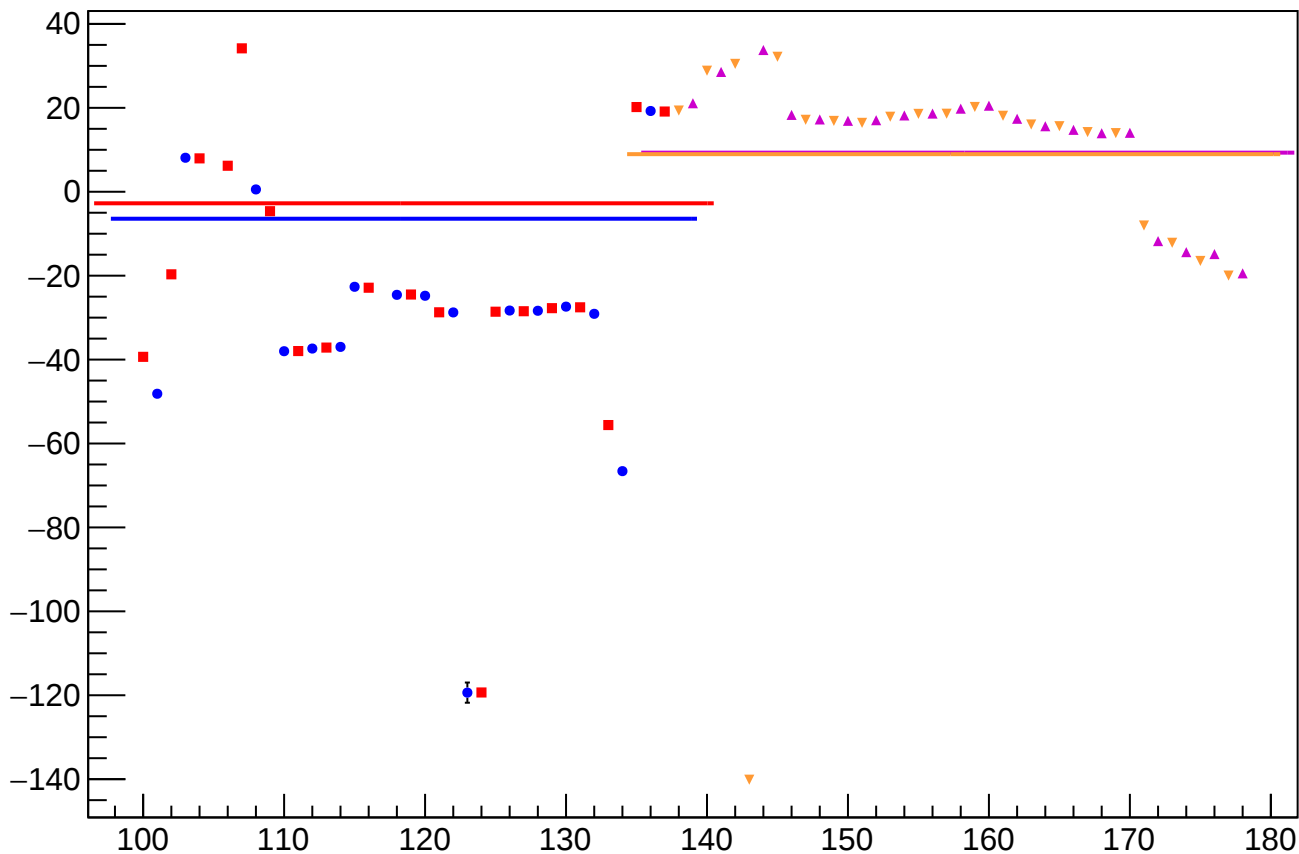
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 2.792 $\pm$ 0.359 χ^2 /NDF:2868.6/36

Out: 1.733 $\pm$ 0.361 χ^2 /NDF:2978.1/39

All: 2.264 $\pm$ 0.255 χ^2 /NDF: 5851.0/76

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: 8.959 ± 0.018 χ^2/NDF : 1006323.9/20

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 9.320 ± 0.018 χ^2/NDF : 739457.3/19

Left: 9.145 ± 0.013 χ^2/NDF : 1745981.3/40

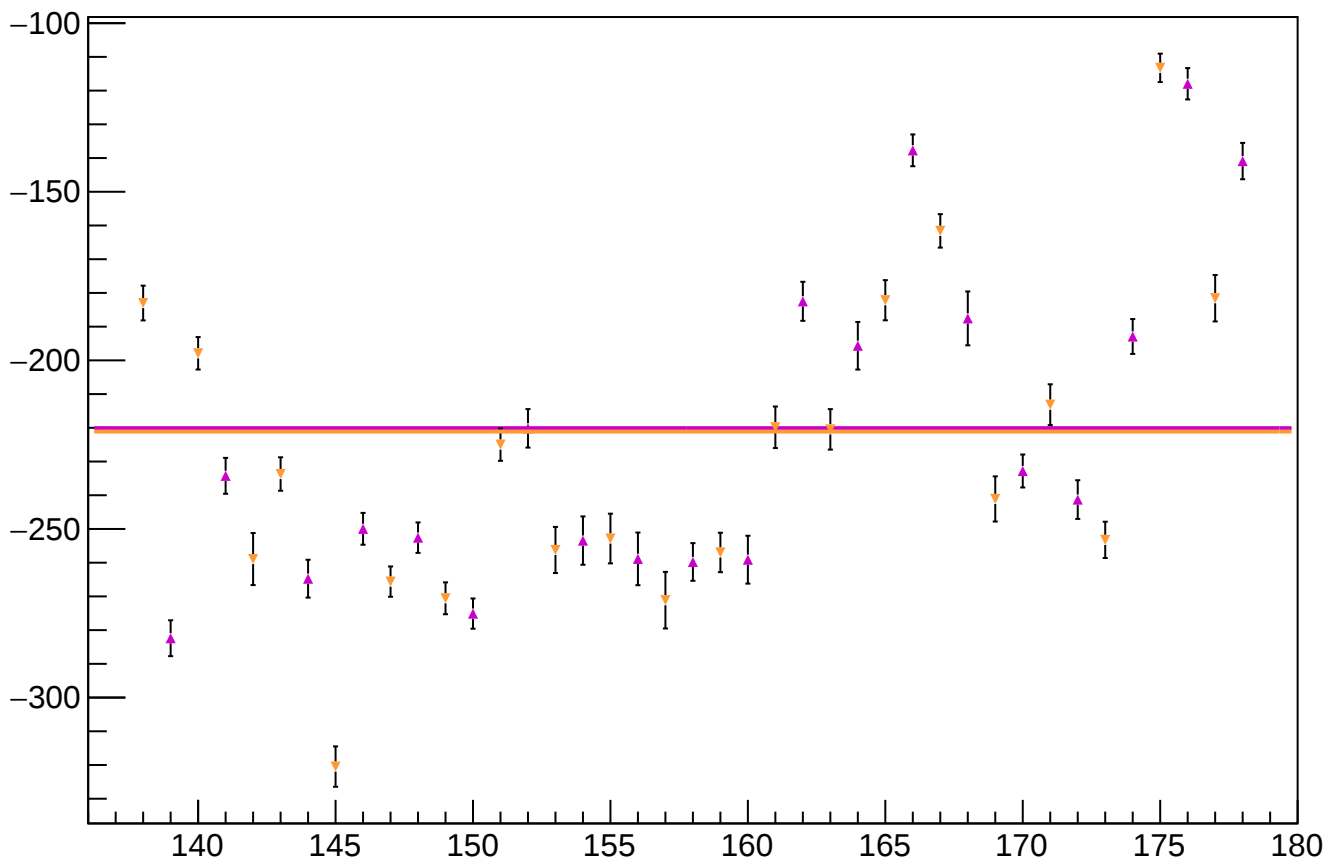
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 7.292 ± 0.017 χ^2/NDF : 1105800.1/36

Out: 7.341 ± 0.017 χ^2/NDF : 1329261.9/39

All: 7.316 ± 0.012 χ^2/NDF : 2435066.2/76

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: -221.108+/-1.220 χ^2/NDF :1633.1/20

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

Left In: -220.105+/-1.226 χ^2/NDF :1699.6/19

Left: -220.609+/-0.865 χ^2/NDF : 3333.0/40

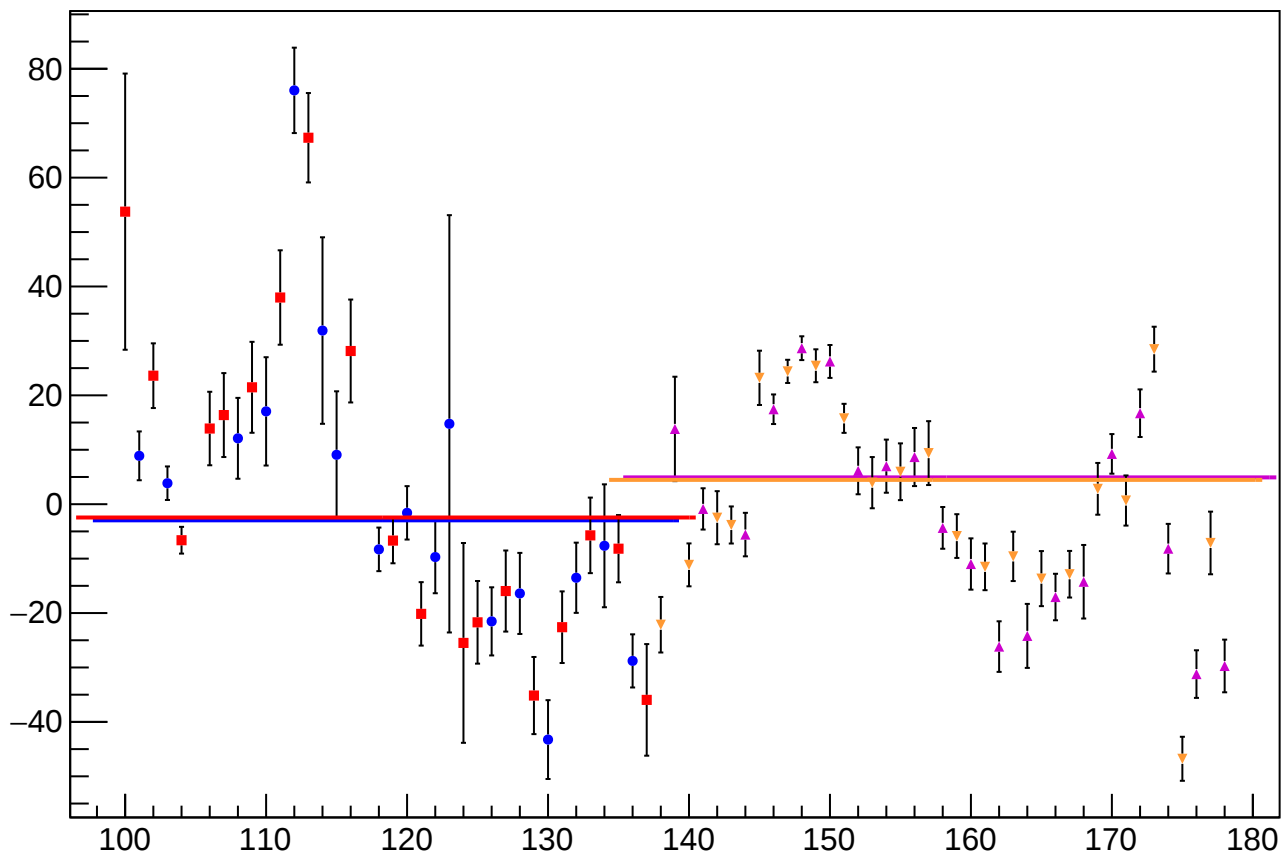
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -220.105+/-1.226 χ^2/NDF :1699.6/19

Out: -221.108+/-1.220 χ^2/NDF :1633.1/20

All: -220.609+/-0.865 χ^2/NDF : 3333.0/40

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: 4.467 ± 0.860 χ^2/NDF : 477.9/20

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 4.924 ± 0.890 χ^2/NDF : 457.2/19

Left: 4.688 ± 0.618 χ^2/NDF : 935.3/40

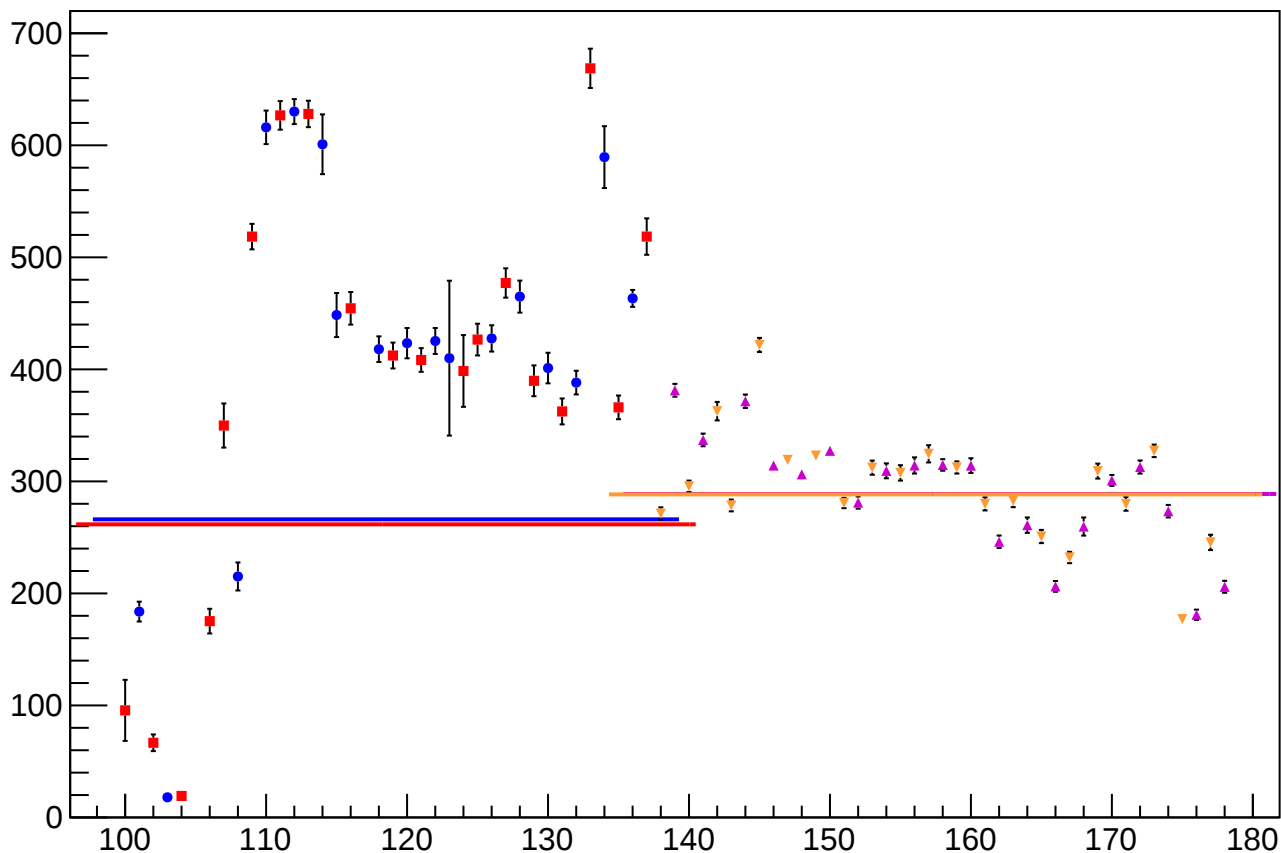
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 2.773 ± 0.759 χ^2/NDF : 682.2/36

Out: 2.568 ± 0.732 χ^2/NDF : 711.1/39

All: 2.667 ± 0.527 χ^2/NDF : 1393.3/76

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 288.373 $\pm$ 1.210 χ^2 /NDF:1696.3/20

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 288.770 $\pm$ 1.209 χ^2 /NDF:1921.3/19

Left: 288.572 $\pm$ 0.855 χ^2 /NDF: 3617.6/40

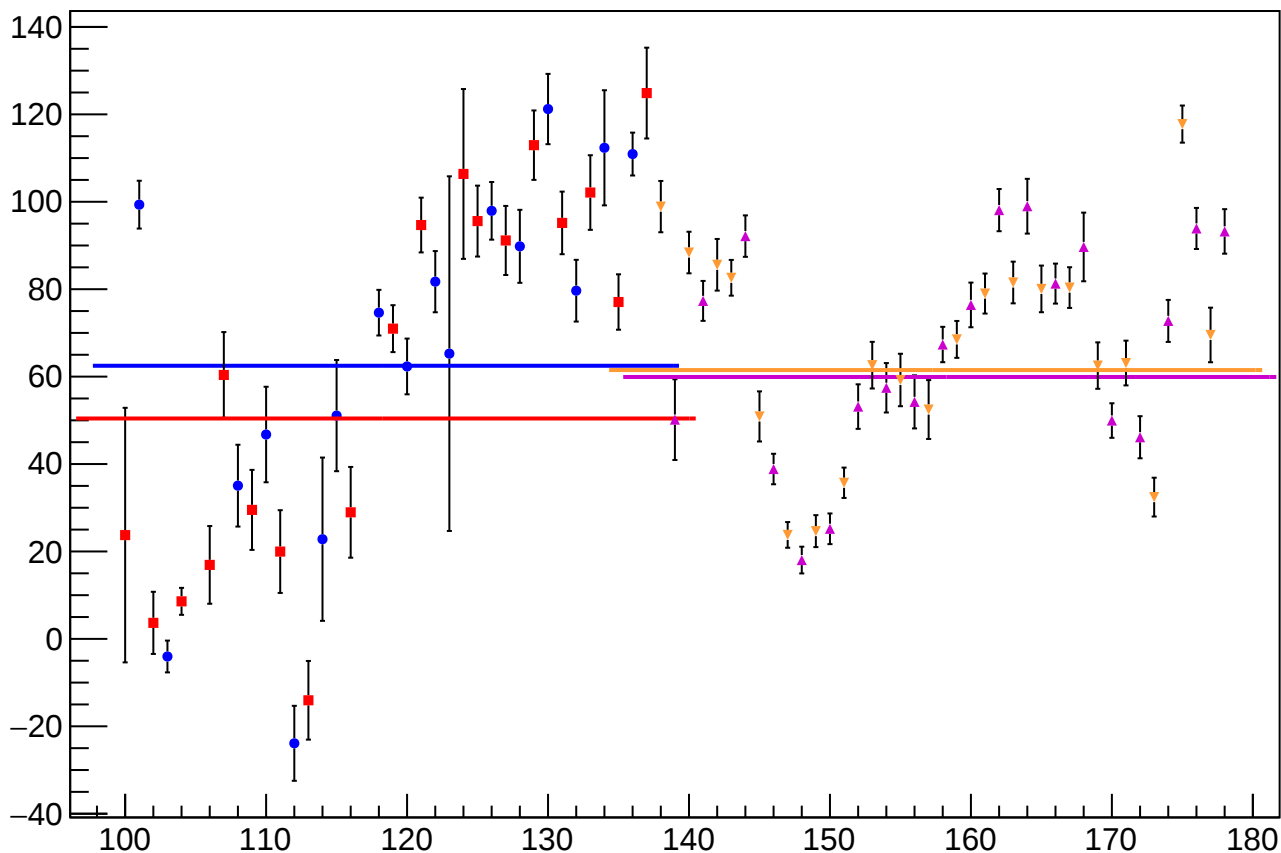
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 284.418 $\pm$ 1.087 χ^2 /NDF:9632.7/36

Out: 283.155 $\pm$ 1.085 χ^2 /NDF:10001.0/39

All: 283.785 $\pm$ 0.768 χ^2 /NDF: 19634.4/76

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2/NDF : 720.8/16

Left Out: 61.502+/-1.007 χ^2/NDF : 726.6/20

Right Out: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 59.918+/-1.033 χ^2/NDF : 654.7/19

Left: 60.730+/-0.721 χ^2/NDF : 1382.6/40

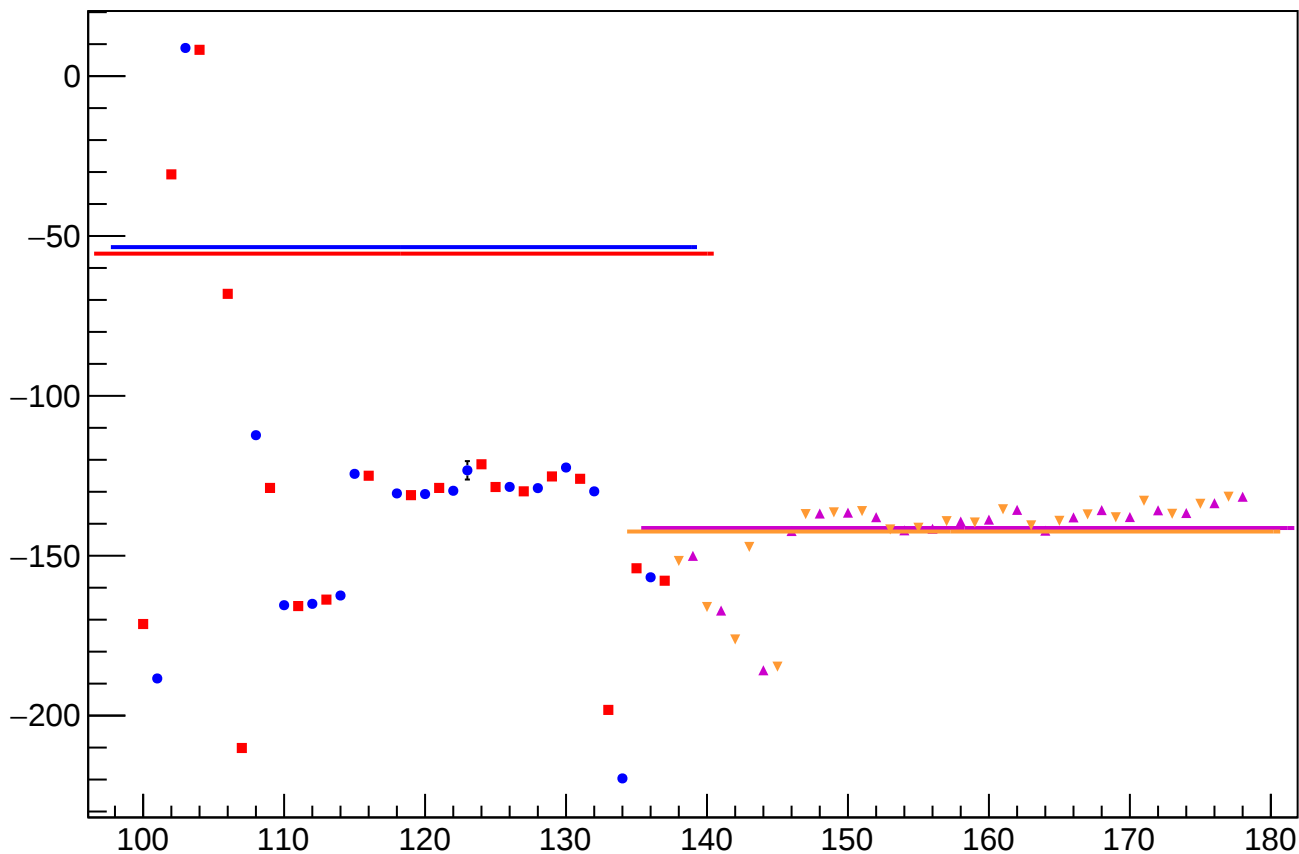
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 60.621+/-0.880 χ^2/NDF : 1377.2/36

Out: 58.471+/-0.859 χ^2/NDF : 1411.2/39

All: 59.520+/-0.615 χ^2/NDF : 2791.4/76

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -142.430+/-0.049 χ^2/NDF : 64173.7/20

Right Out: -55.523+/-0.072 χ^2/NDF : 969818.3/18

Left In: -141.335+/-0.048 χ^2/NDF : 50787.2/19

Left: -141.880+/-0.034 χ^2/NDF : 115216.0/40

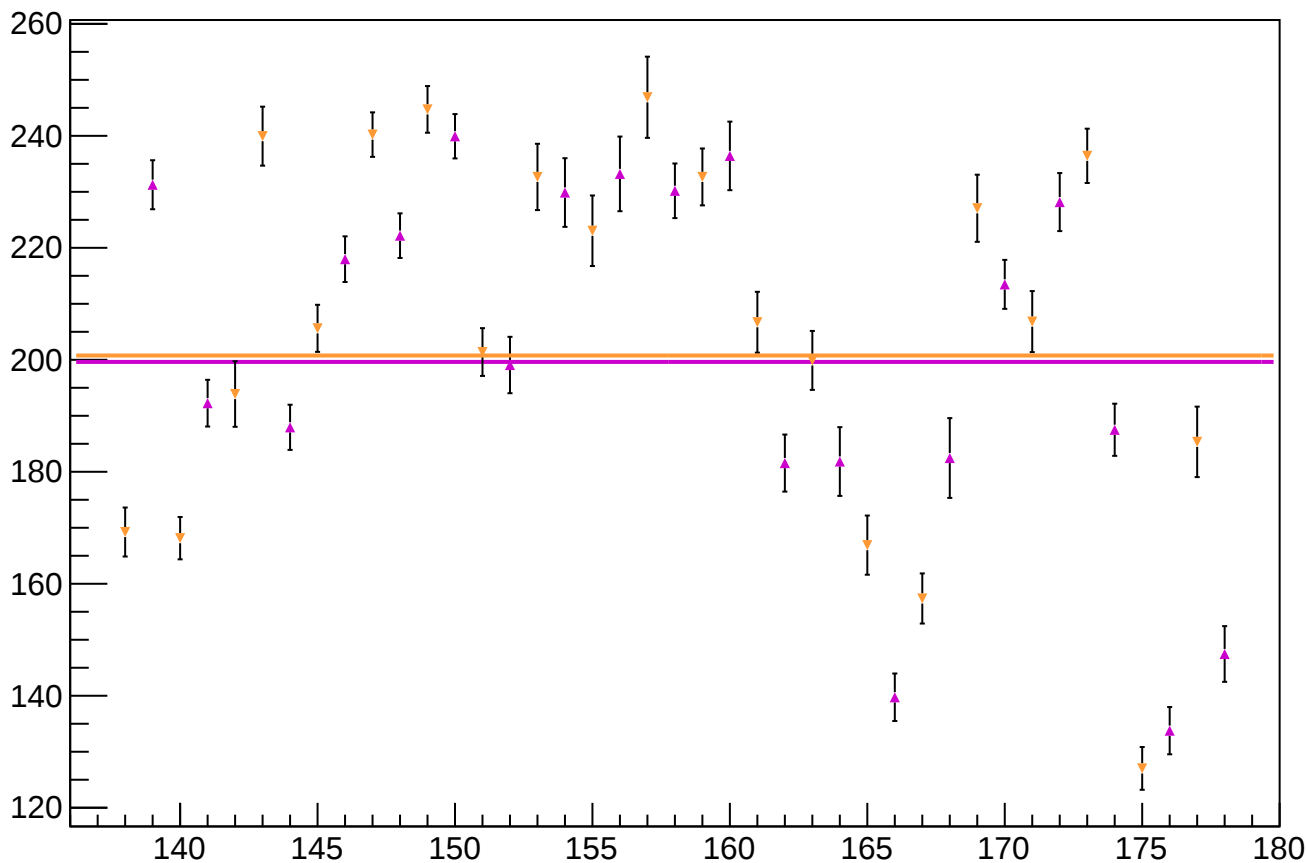
Right: -54.479+/-0.050 χ^2/NDF : 2198961.2/35

In: -113.110+/-0.040 χ^2/NDF : 2339252.6/36

Out: -115.162+/-0.040 χ^2/NDF : 2036815.4/39

All: -114.126+/-0.028 χ^2/NDF : 4377379.8/76

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 200.767+/-1.063 χ^2/NDF :1105.3/20

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

Left In: 199.622+/-1.061 χ^2/NDF :971.6/19

Left: 200.194+/-0.751 χ^2/NDF : 2077.6/40

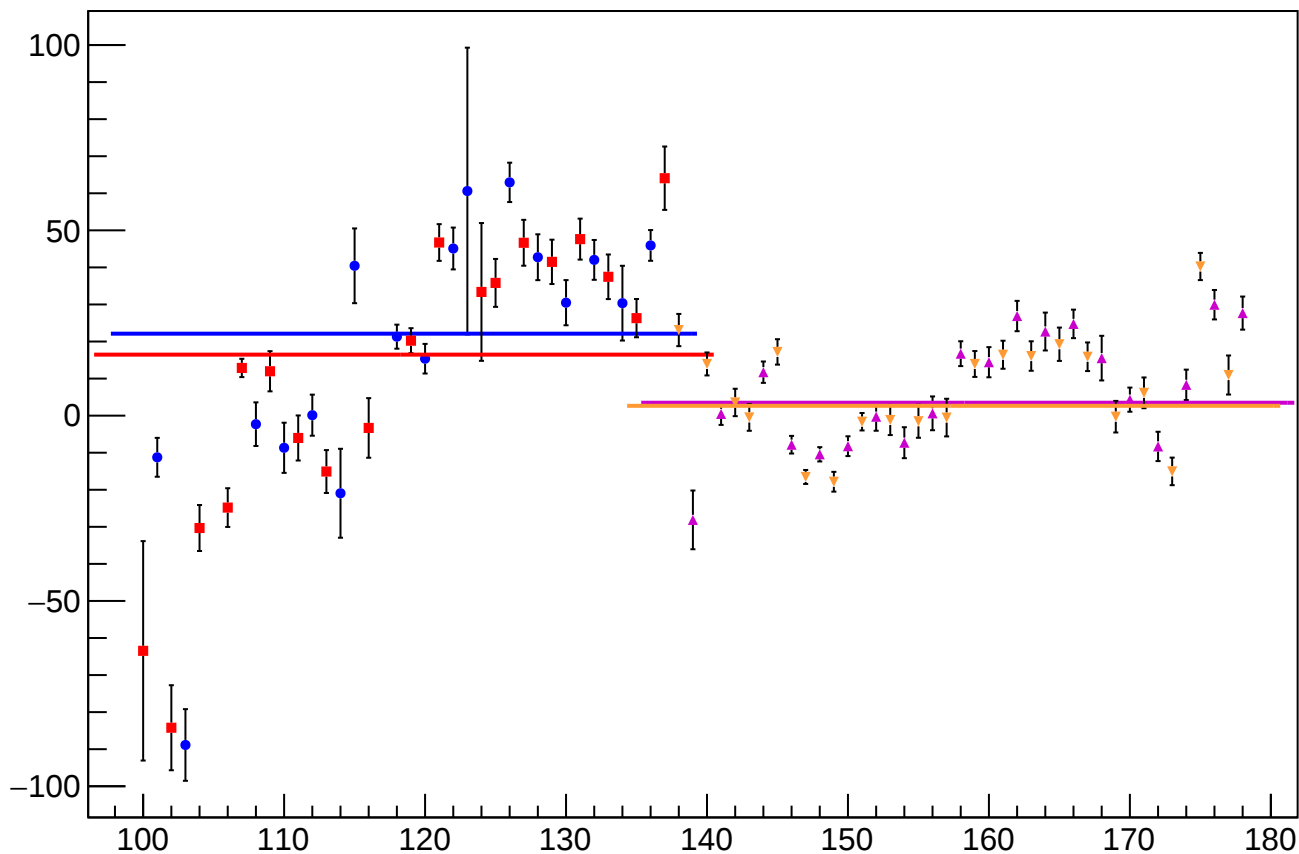
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 199.622+/-1.061 χ^2/NDF :971.6/19

Out: 200.767+/-1.063 χ^2/NDF :1105.3/20

All: 200.194+/-0.751 χ^2/NDF : 2077.6/40

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: 2.652+/-0.752 χ^2/NDF : 413.9/20

Right Out: 16.464+/-1.228 χ^2/NDF : 424.1/18

Left In: 3.483+/-0.771 χ^2/NDF : 315.3/19

Left: 3.057+/-0.538 χ^2/NDF : 729.8/40

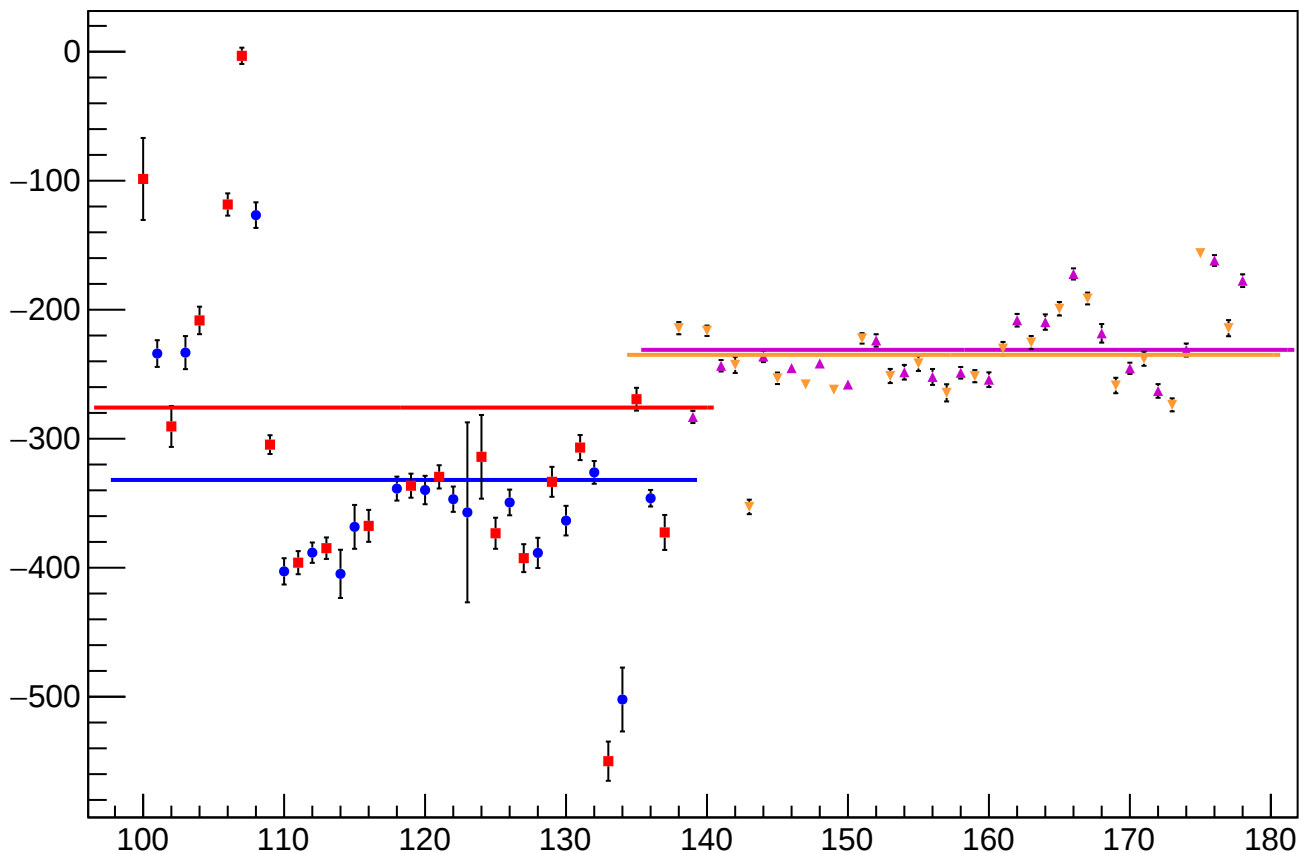
Right: 18.970+/-0.916 χ^2/NDF : 815.5/35

In: 7.932+/-0.673 χ^2/NDF : 836.8/36

Out: 6.416+/-0.641 χ^2/NDF : 930.1/39

All: 7.138+/-0.464 χ^2/NDF : 1769.6/76

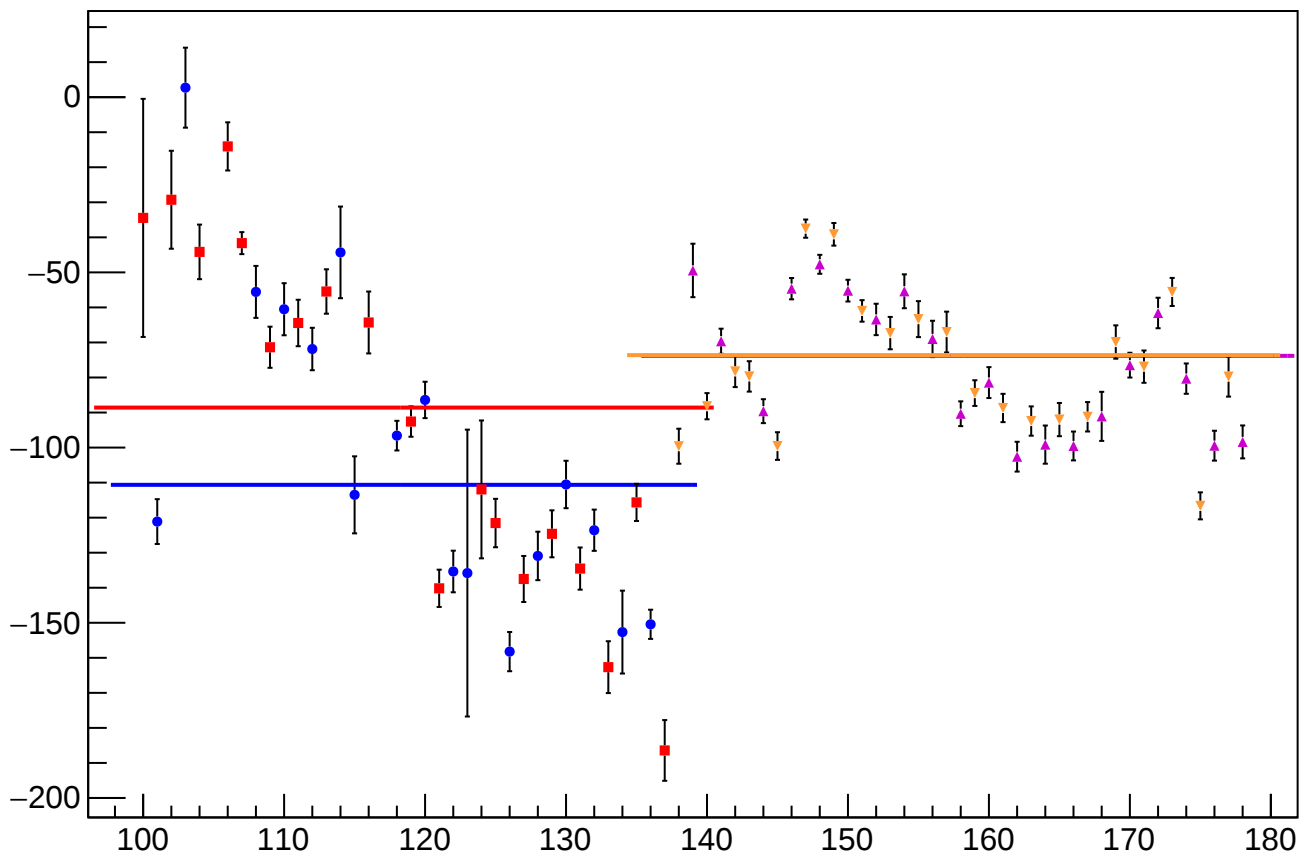
reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16
 Left Out: -234.991 ± 1.056 χ^2/NDF : 1292.0/20
 Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18
 Left In: -231.100 ± 1.050 χ^2/NDF : 922.3/19

Left: -233.034 ± 0.744 χ^2/NDF : 2221.1/40
 Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35
 In: -245.546 ± 0.972 χ^2/NDF : 3030.0/36
 Out: -241.987 ± 0.961 χ^2/NDF : 4910.0/39
 All: -243.748 ± 0.683 χ^2/NDF : 7946.8/76

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: -73.611+/-0.881 χ^2/NDF : 642.4/20

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -73.822+/-0.896 χ^2/NDF : 434.6/19

Left: -73.715+/-0.628 χ^2/NDF : 1077.0/40

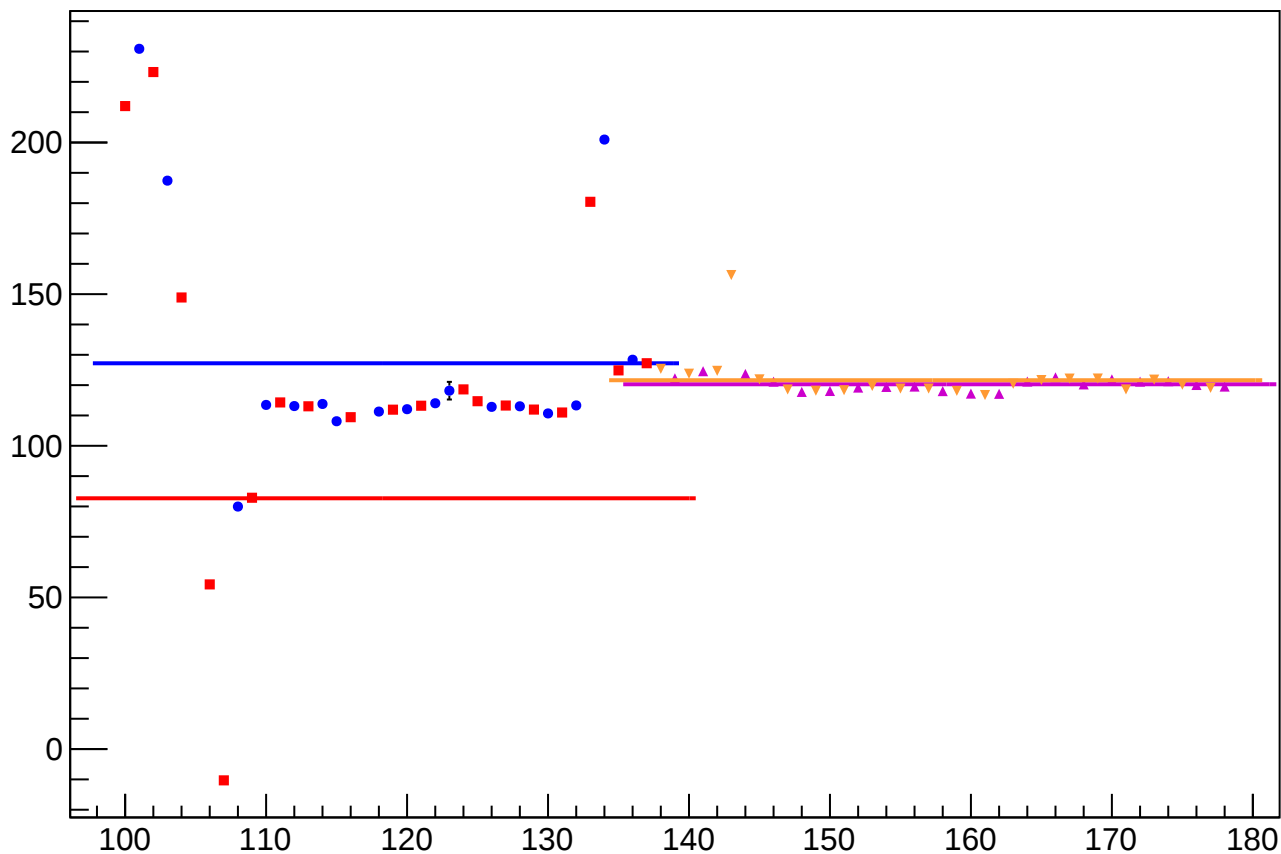
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -82.768+/-0.779 χ^2/NDF : 1353.7/36

Out: -77.717+/-0.750 χ^2/NDF : 1688.2/39

All: -80.146+/-0.541 χ^2/NDF : 3063.7/76

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: 121.618 $\pm$ 0.042 χ^2 /NDF: 27217.4/20

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.288 $\pm$ 0.042 χ^2 /NDF: 2571.8/19

Left: 120.946 $\pm$ 0.030 χ^2 /NDF: 30286.6/40

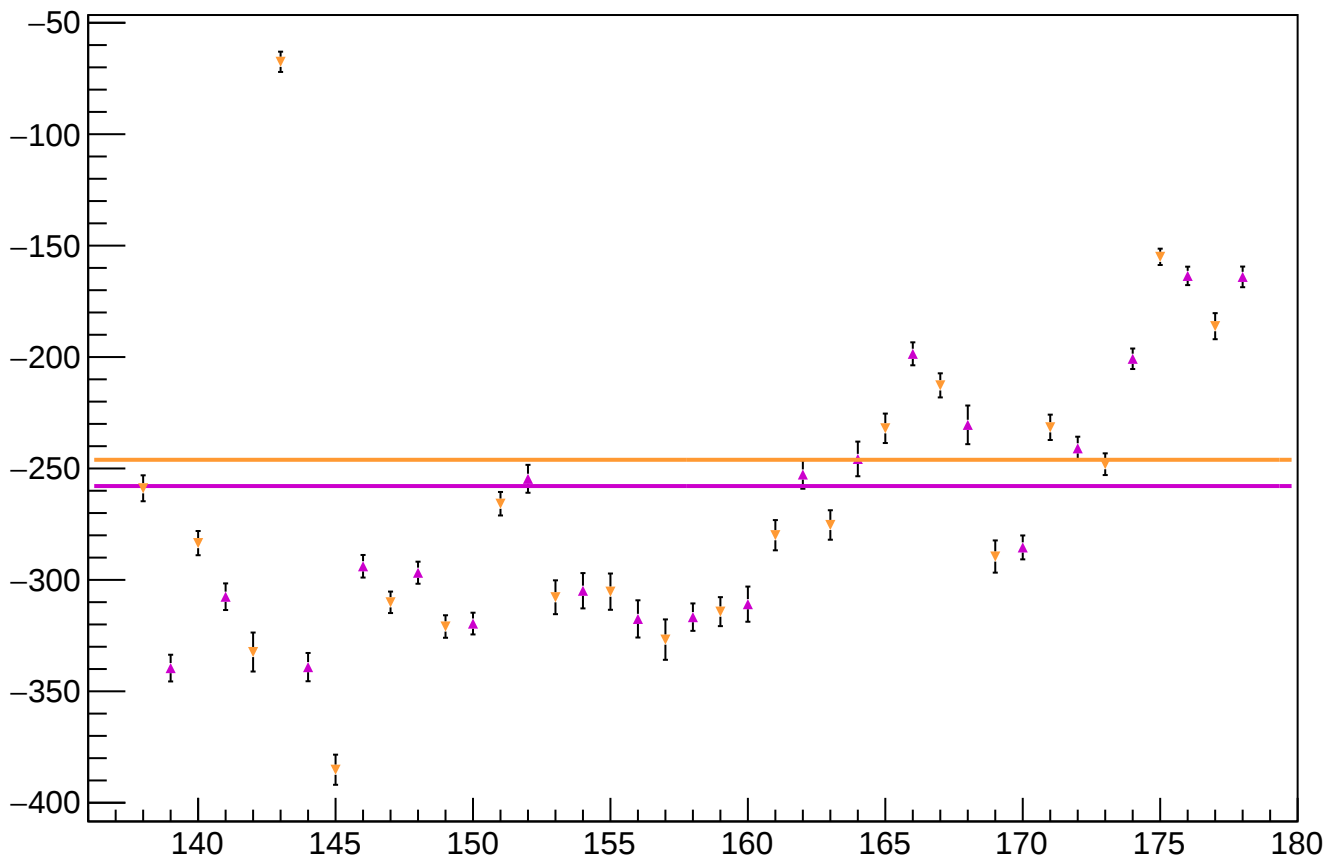
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.543 $\pm$ 0.038 χ^2 /NDF: 195527.6/36

Out: 112.248 $\pm$ 0.037 χ^2 /NDF: 995949.3/39

All: 116.767 $\pm$ 0.026 χ^2 /NDF: 1222268.2/76

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: -246.102+/-1.259 χ^2/NDF :3683.7/20

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

Left In: -257.888+/-1.273 χ^2/NDF :2182.8/19

Left: -251.930+/-0.895 χ^2/NDF : 5909.8/40

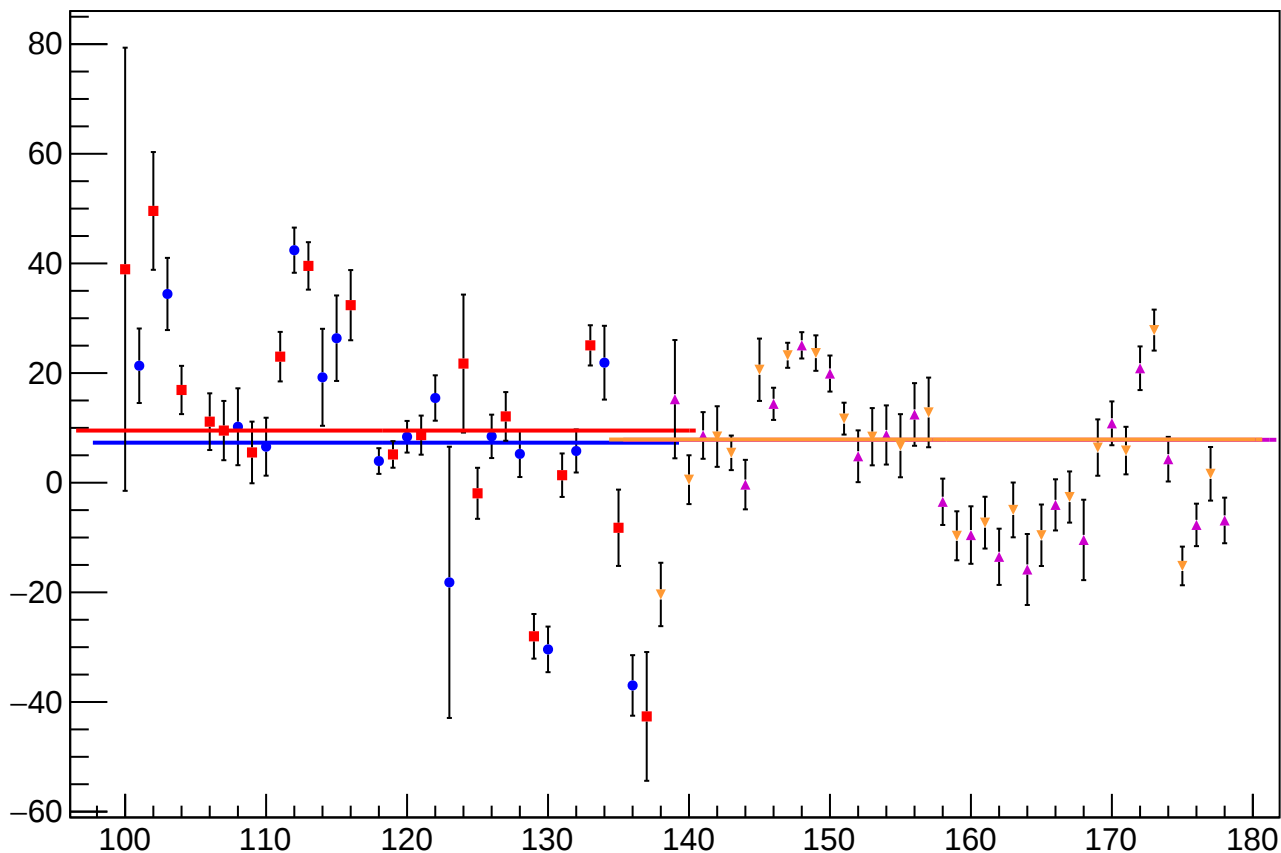
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -257.888+/-1.273 χ^2/NDF :2182.8/19

Out: -246.102+/-1.259 χ^2/NDF :3683.7/20

All: -251.930+/-0.895 χ^2/NDF : 5909.8/40

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: 7.879 ± 0.898 χ^2/NDF : 224.0/20

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 7.827 ± 0.939 χ^2/NDF : 177.0/19

Left: 7.854 ± 0.649 χ^2/NDF : 400.9/40

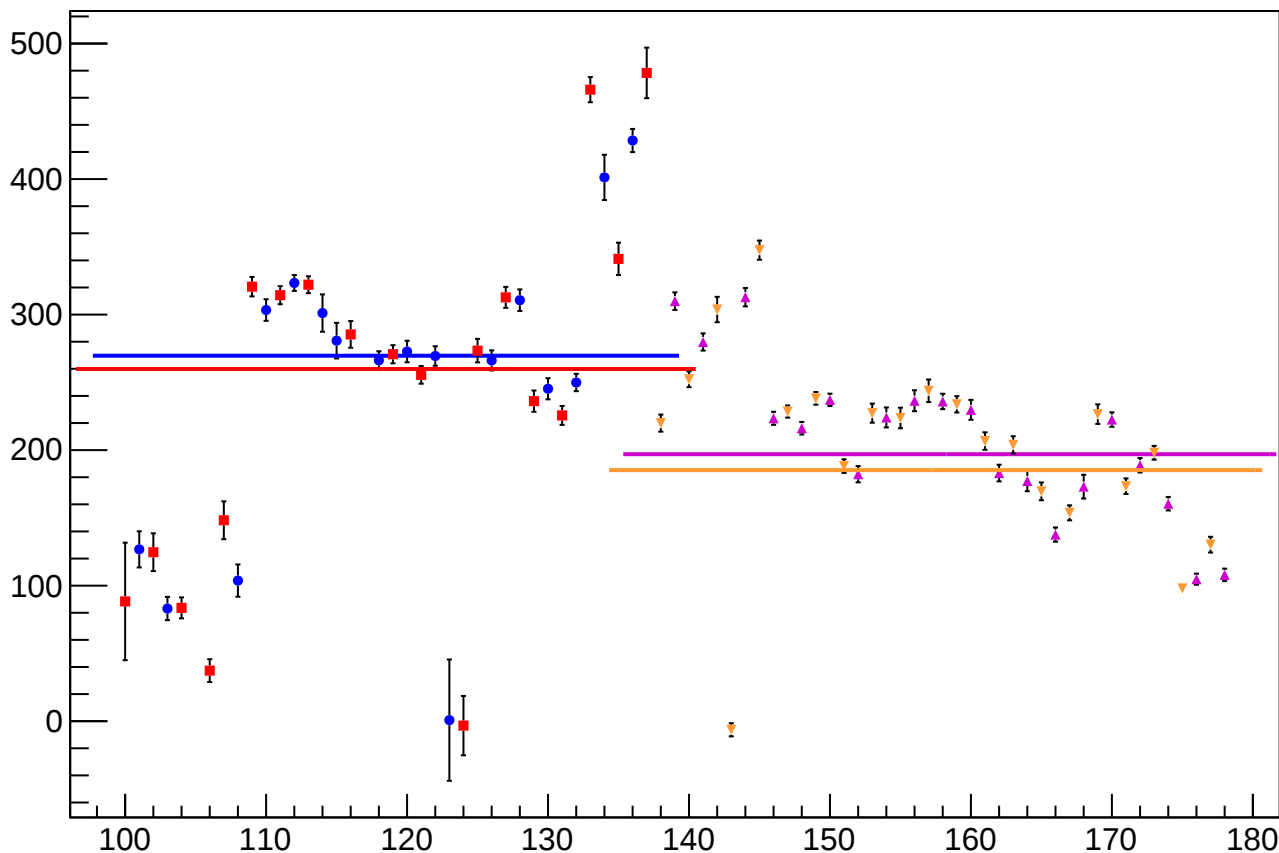
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 7.602 ± 0.710 χ^2/NDF : 437.8/36

Out: 8.552 ± 0.689 χ^2/NDF : 457.0/39

All: 8.092 ± 0.494 χ^2/NDF : 895.7/76

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: 185.256 $\pm$ 1.251 χ^2 /NDF:3562.1/20

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 196.982 $\pm$ 1.260 χ^2 /NDF:2110.7/19

Left: 191.079 $\pm$ 0.888 χ^2 /NDF: 5716.4/40

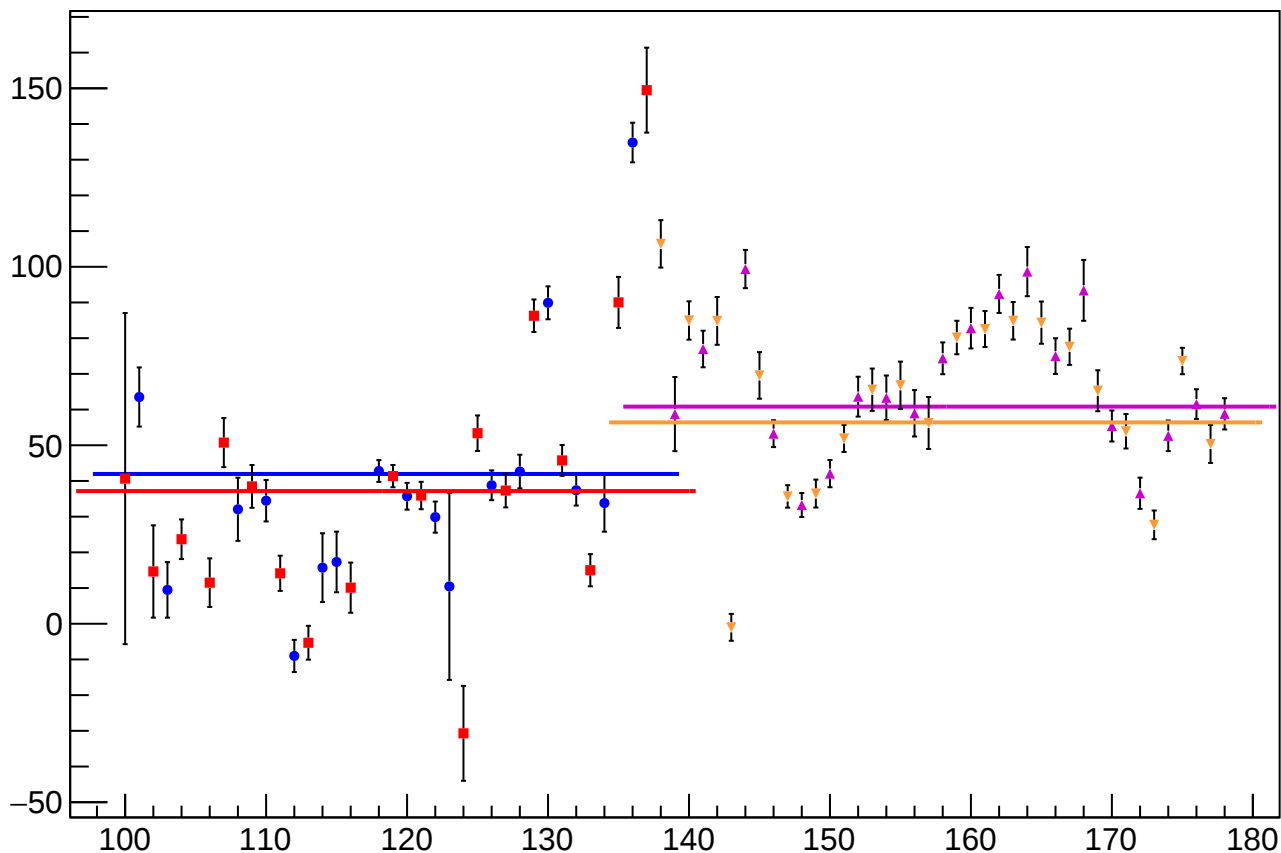
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 216.538 $\pm$ 1.077 χ^2 /NDF:4383.2/36

Out: 206.592 $\pm$ 1.057 χ^2 /NDF:7123.1/39

All: 211.473 $\pm$ 0.754 χ^2 /NDF: 11549.7/76

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: 56.406 $\pm$ 1.047 χ^2 /NDF:612.8/20

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 60.824 $\pm$ 1.083 χ^2 /NDF:306.0/19

Left: 58.541 $\pm$ 0.753 χ^2 /NDF: 927.4/40

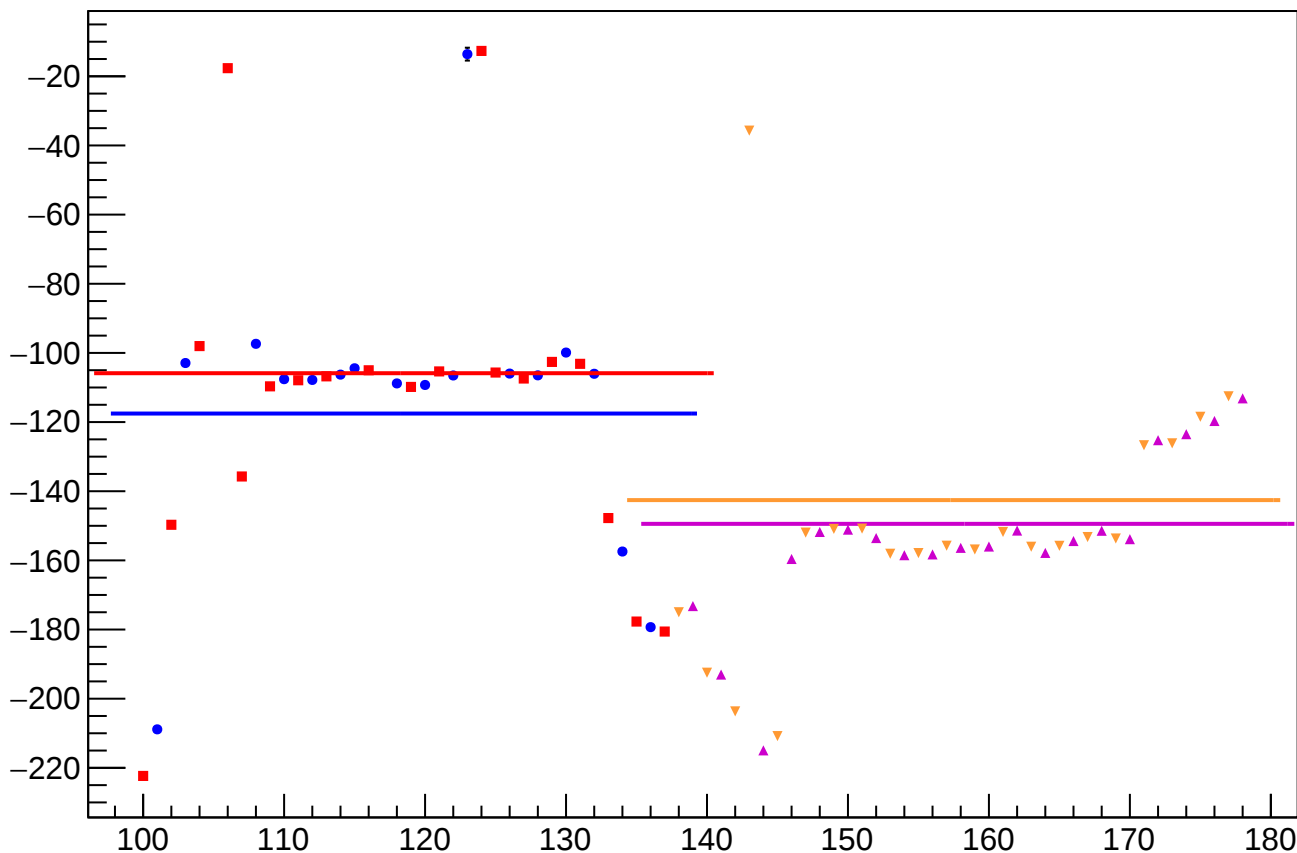
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 52.794 $\pm$ 0.821 χ^2 /NDF:1009.3/36

Out: 48.366 $\pm$ 0.799 χ^2 /NDF:1224.7/39

All: 50.520 $\pm$ 0.573 χ^2 /NDF: 2248.9/76

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -142.568 ± 0.050 $\chi^2/\text{NDF}: 521366.4/20$

Right Out: -105.868 ± 0.073 $\chi^2/\text{NDF}: 324319.1/18$

Left In: -149.434 ± 0.051 $\chi^2/\text{NDF}: 187256.3/19$

Left: -145.990 ± 0.036 $\chi^2/\text{NDF}: 717875.2/40$

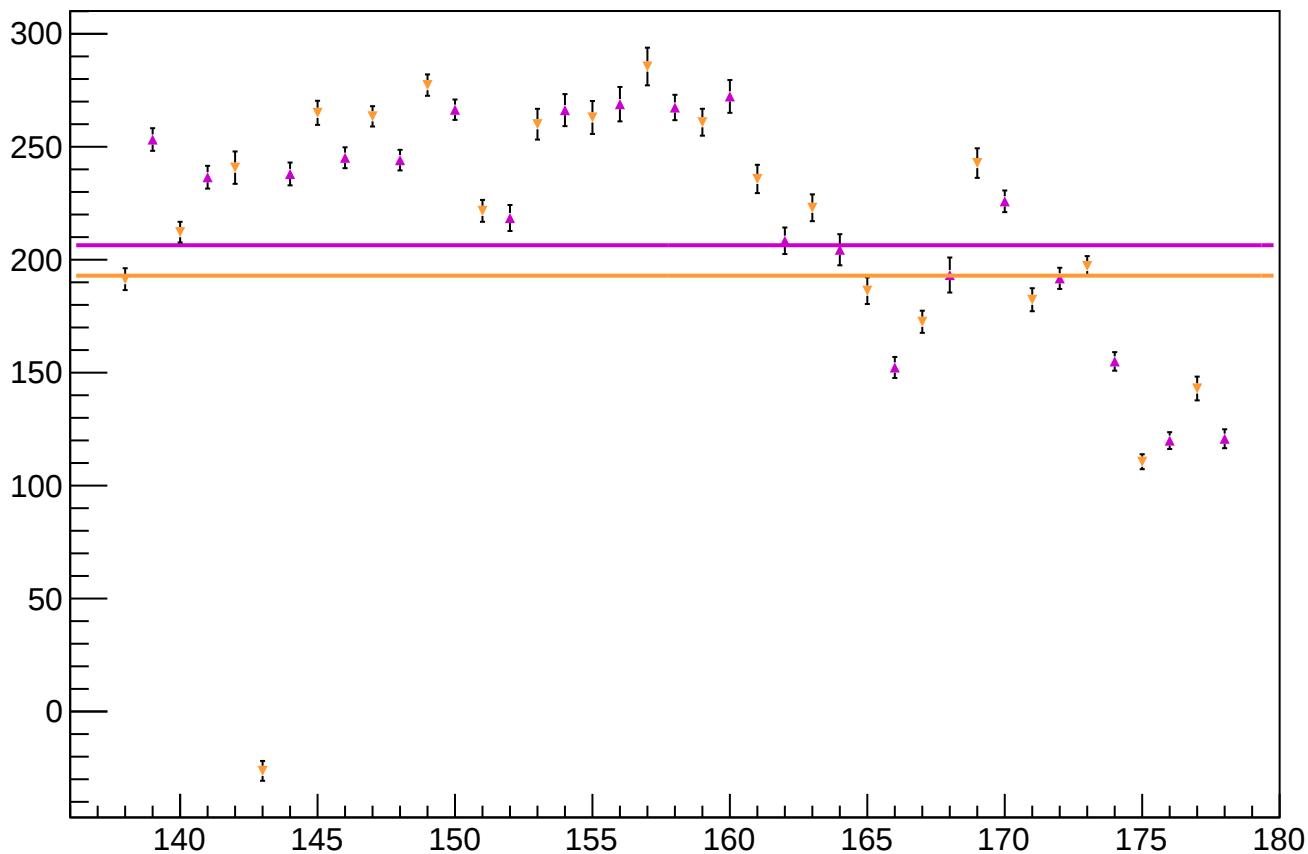
Right: -111.288 ± 0.053 $\chi^2/\text{NDF}: 478296.7/35$

In: -140.019 ± 0.042 $\chi^2/\text{NDF}: 446821.3/36$

Out: -130.673 ± 0.041 $\chi^2/\text{NDF}: 1017574.2/39$

All: -135.233 ± 0.030 $\chi^2/\text{NDF}: 1489223.9/76$

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: 192.947+/-1.131 χ^2/NDF :4637.2/20

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

Left In: 206.407+/-1.139 χ^2/NDF :2097.9/19

Left: 199.629+/-0.803 χ^2/NDF : 6805.4/40

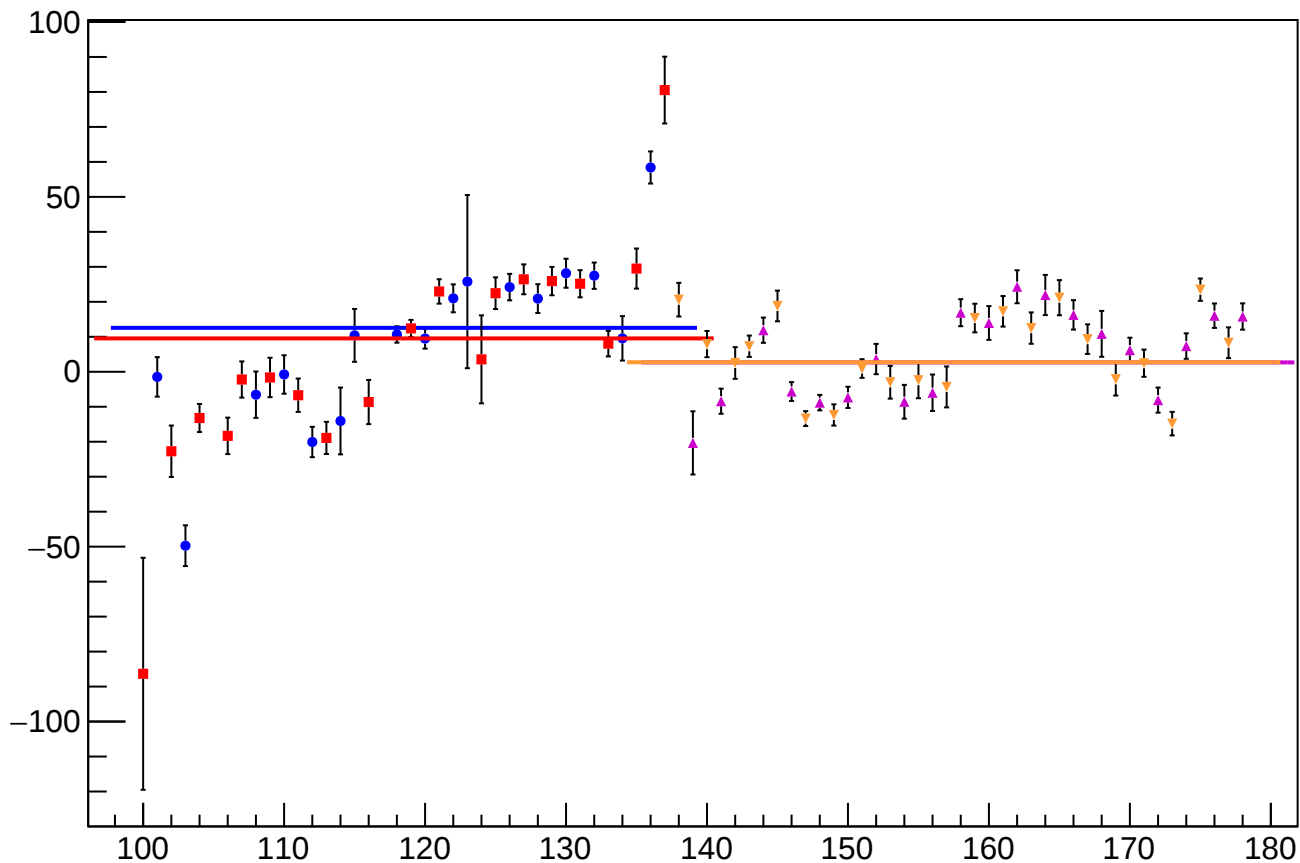
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.407+/-1.139 χ^2/NDF :2097.9/19

Out: 192.947+/-1.131 χ^2/NDF :4637.2/20

All: 199.629+/-0.803 χ^2/NDF : 6805.4/40

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: 2.731+/-0.813 χ^2/NDF :231.2/20

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: 2.675+/-0.845 χ^2/NDF :179.9/19

Left: 2.704+/-0.586 χ^2/NDF : 411.2/40

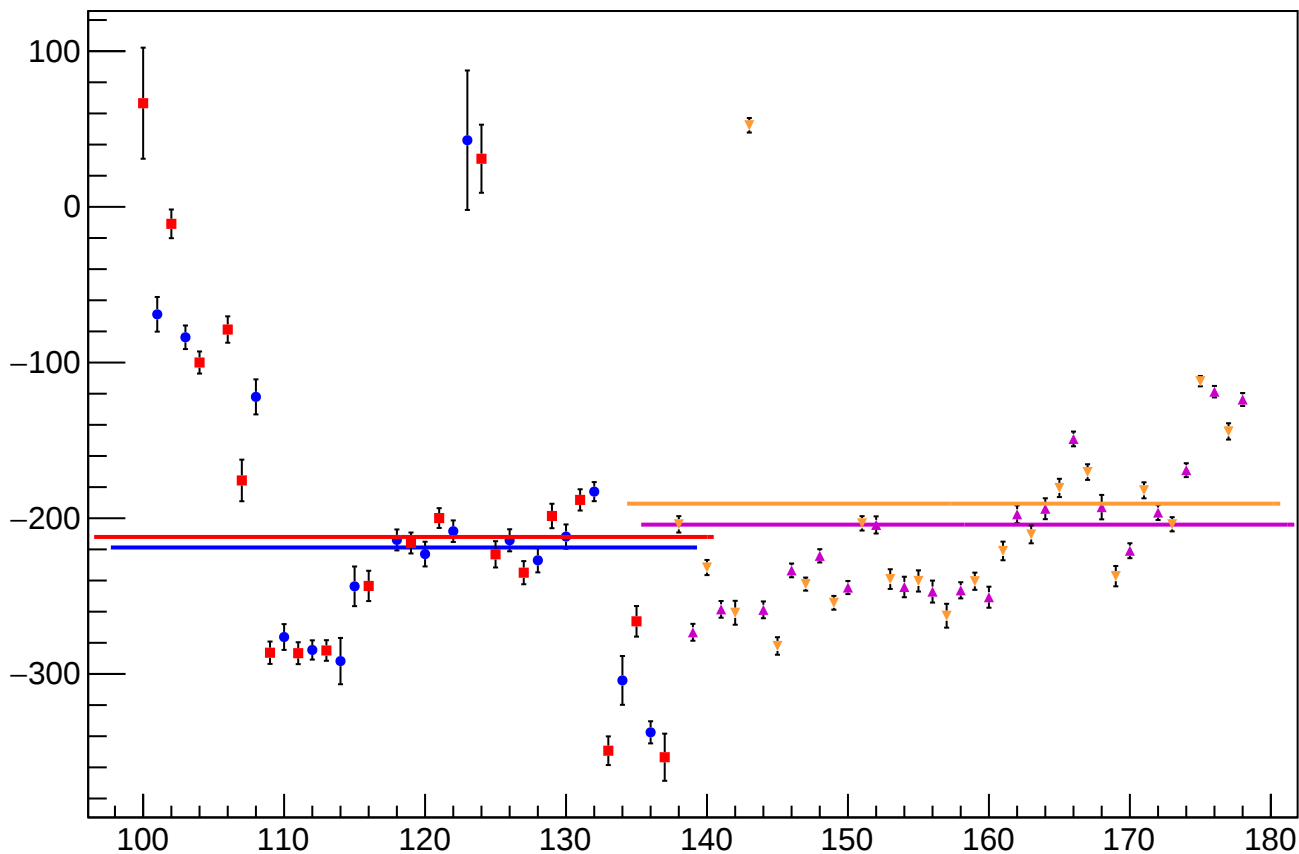
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 6.529+/-0.660 χ^2/NDF :581.8/36

Out: 5.286+/-0.643 χ^2/NDF :553.4/39

All: 5.891+/-0.461 χ^2/NDF : 1137.0/76

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 χ^2/NDF : 1144.4/16

Left Out: -190.621 ± 1.127 χ^2/NDF : 4521.8/20

Right Out: -212.004 ± 1.923 χ^2/NDF : 1885.7/18

Left In: -204.099 ± 1.130 χ^2/NDF : 1840.1/19

Left: -197.340 ± 0.798 χ^2/NDF : 6433.2/40

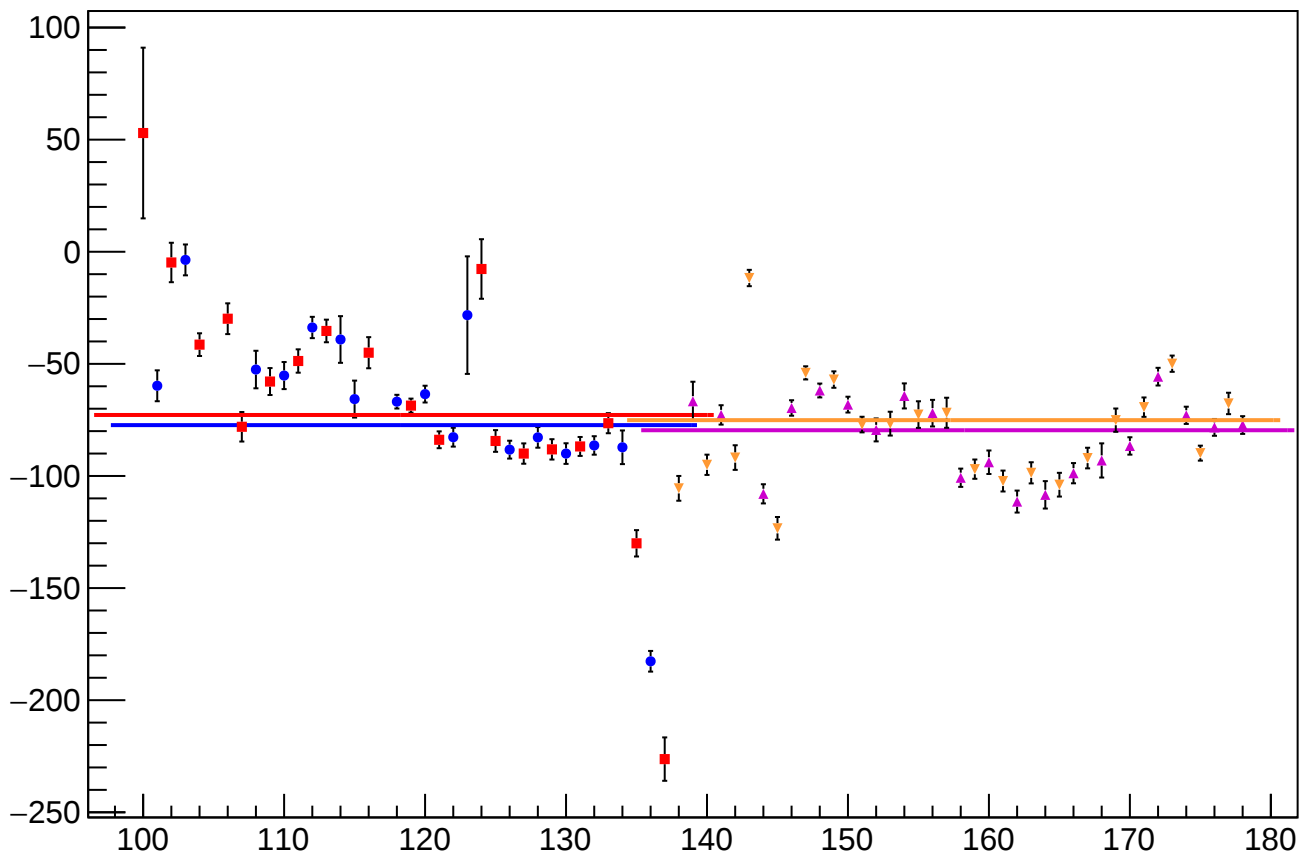
Right: -215.238 ± 1.390 χ^2/NDF : 3036.0/35

In: -207.622 ± 0.985 χ^2/NDF : 3025.0/36

Out: -196.084 ± 0.972 χ^2/NDF : 6499.5/39

All: -201.777 ± 0.692 χ^2/NDF : 9593.9/76

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: -75.106 ± 0.947 χ^2/NDF : 729.3/20

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -79.605 ± 0.974 χ^2/NDF : 272.9/19

Left: -77.291 ± 0.679 χ^2/NDF : 1013.2/40

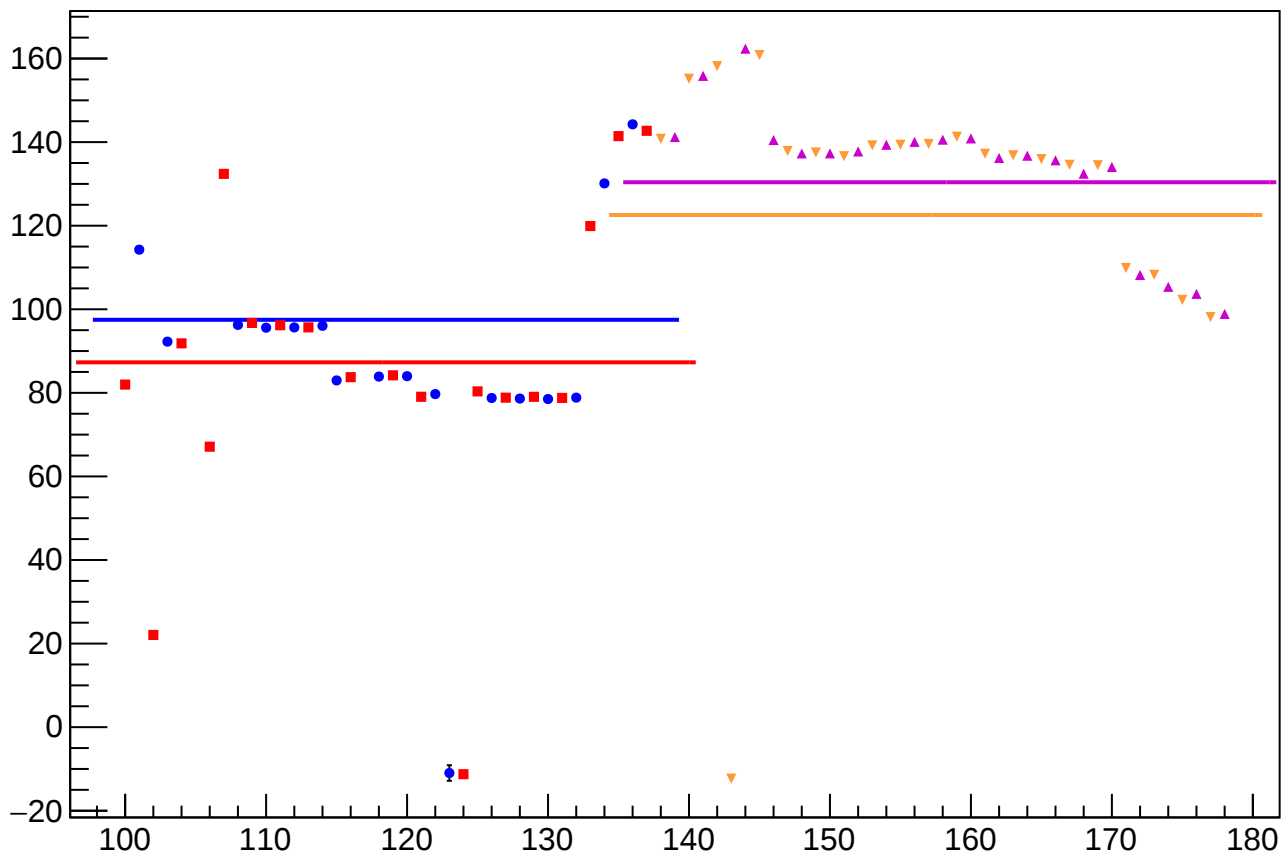
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -78.717 ± 0.762 χ^2/NDF : 1092.7/36

Out: -74.226 ± 0.745 χ^2/NDF : 1403.3/39

All: -76.421 ± 0.533 χ^2/NDF : 2513.8/76

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: 122.567+/-0.045 χ^2/NDF : 688194.9/20

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 130.397+/-0.045 χ^2/NDF : 144115.9/19

Left: 126.485+/-0.032 χ^2/NDF : 847228.6/40

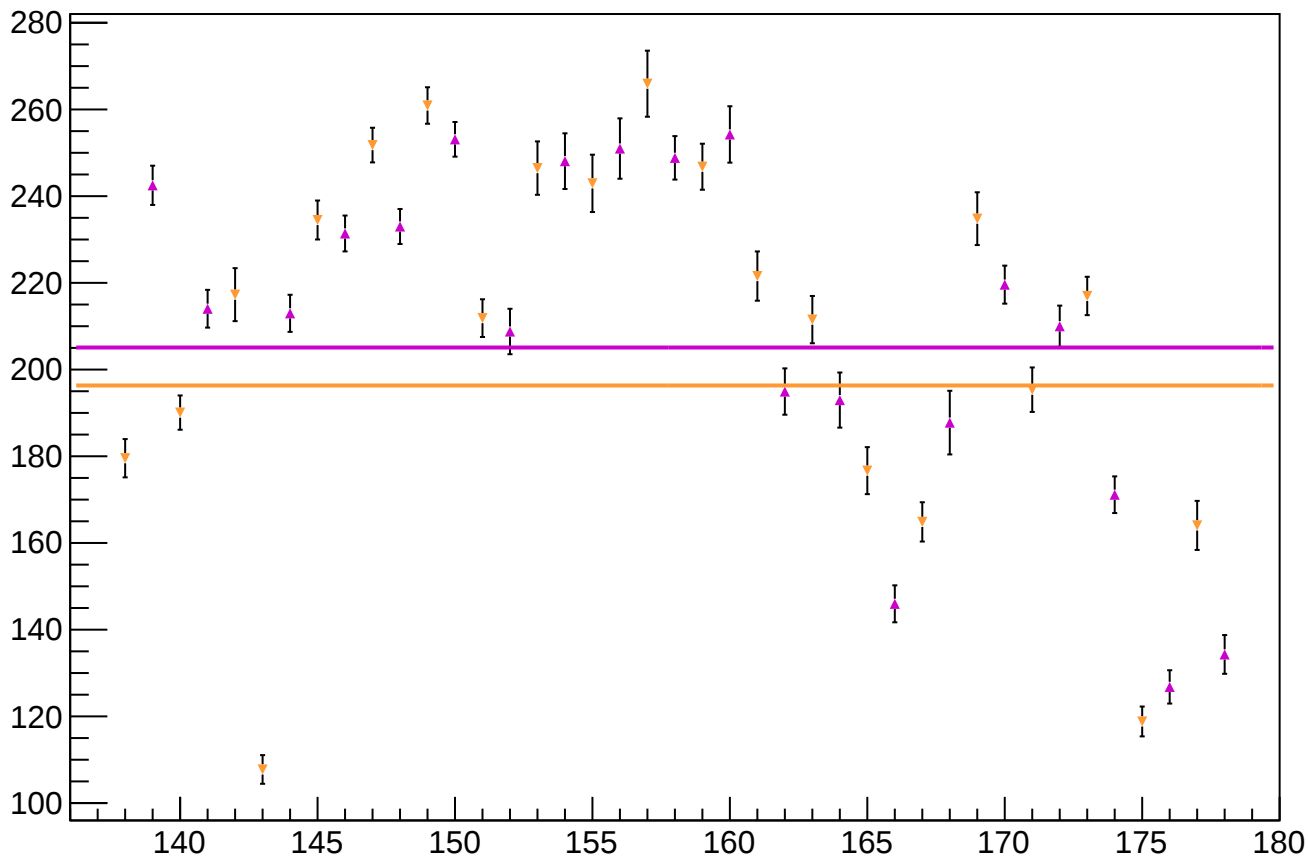
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 121.307+/-0.039 χ^2/NDF : 384195.7/36

Out: 111.759+/-0.038 χ^2/NDF : 1095433.0/39

All: 116.434+/-0.027 χ^2/NDF : 1510928.3/76

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 196.333+/-1.034 χ^2/NDF :2238.9/20

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

Left In: 205.087+/-1.062 χ^2/NDF :1477.6/19

Left: 200.591+/-0.741 χ^2/NDF : 3751.3/40

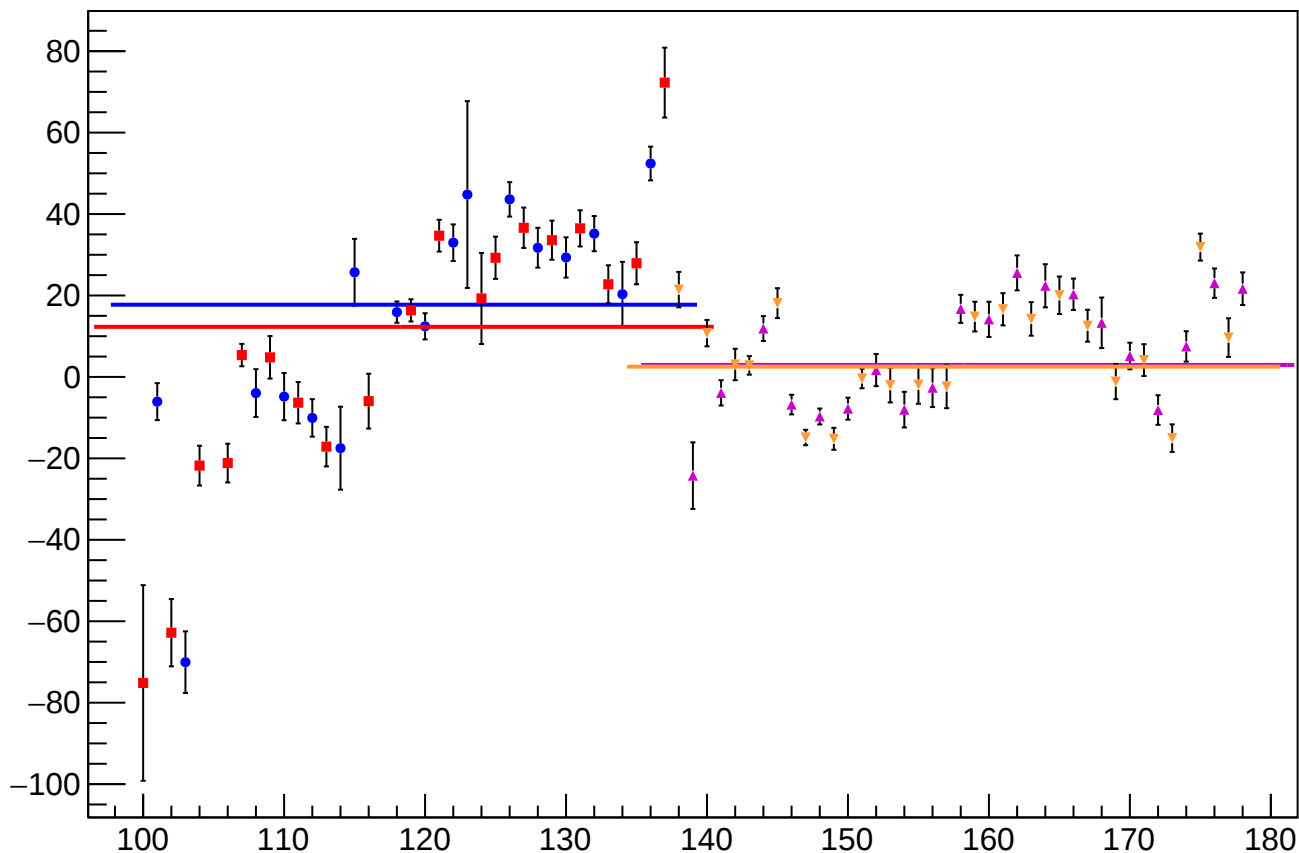
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 205.087+/-1.062 χ^2/NDF :1477.6/19

Out: 196.333+/-1.034 χ^2/NDF :2238.9/20

All: 200.591+/-0.741 χ^2/NDF : 3751.3/40

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 2.521 ± 0.733 $\chi^2/\text{NDF}: 337.4/20$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: 2.945 ± 0.777 $\chi^2/\text{NDF}: 257.1/19$

Left: 2.721 ± 0.533 $\chi^2/\text{NDF}: 594.6/40$

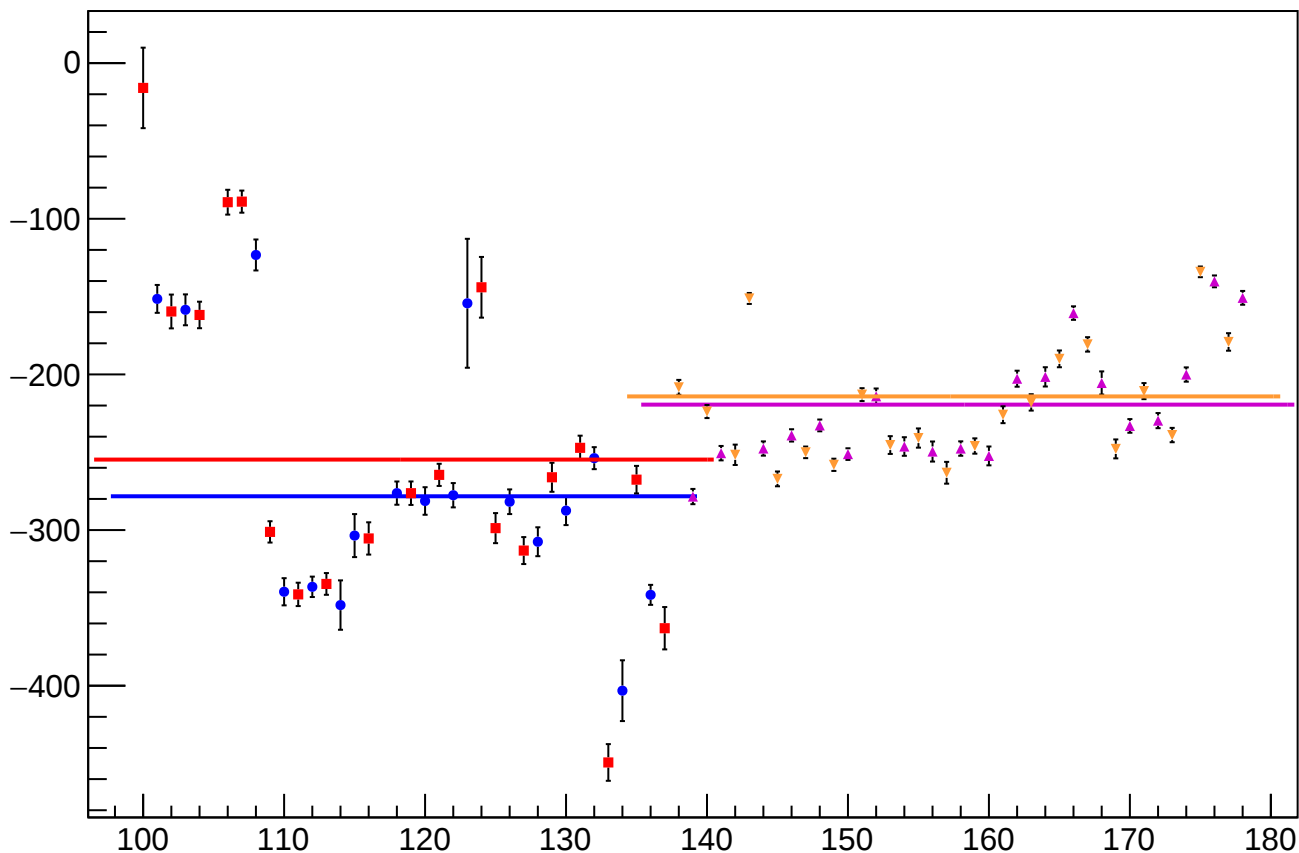
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 7.586 ± 0.643 $\chi^2/\text{NDF}: 764.9/36$

Out: 5.590 ± 0.607 $\chi^2/\text{NDF}: 835.7/39$

All: 6.531 ± 0.442 $\chi^2/\text{NDF}: 1605.7/76$

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: -214.134 ± 1.031 χ^2/NDF : 1557.3/20

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -219.414 ± 1.052 χ^2/NDF : 1358.7/19

Left: -216.722 ± 0.737 χ^2/NDF : 2928.9/40

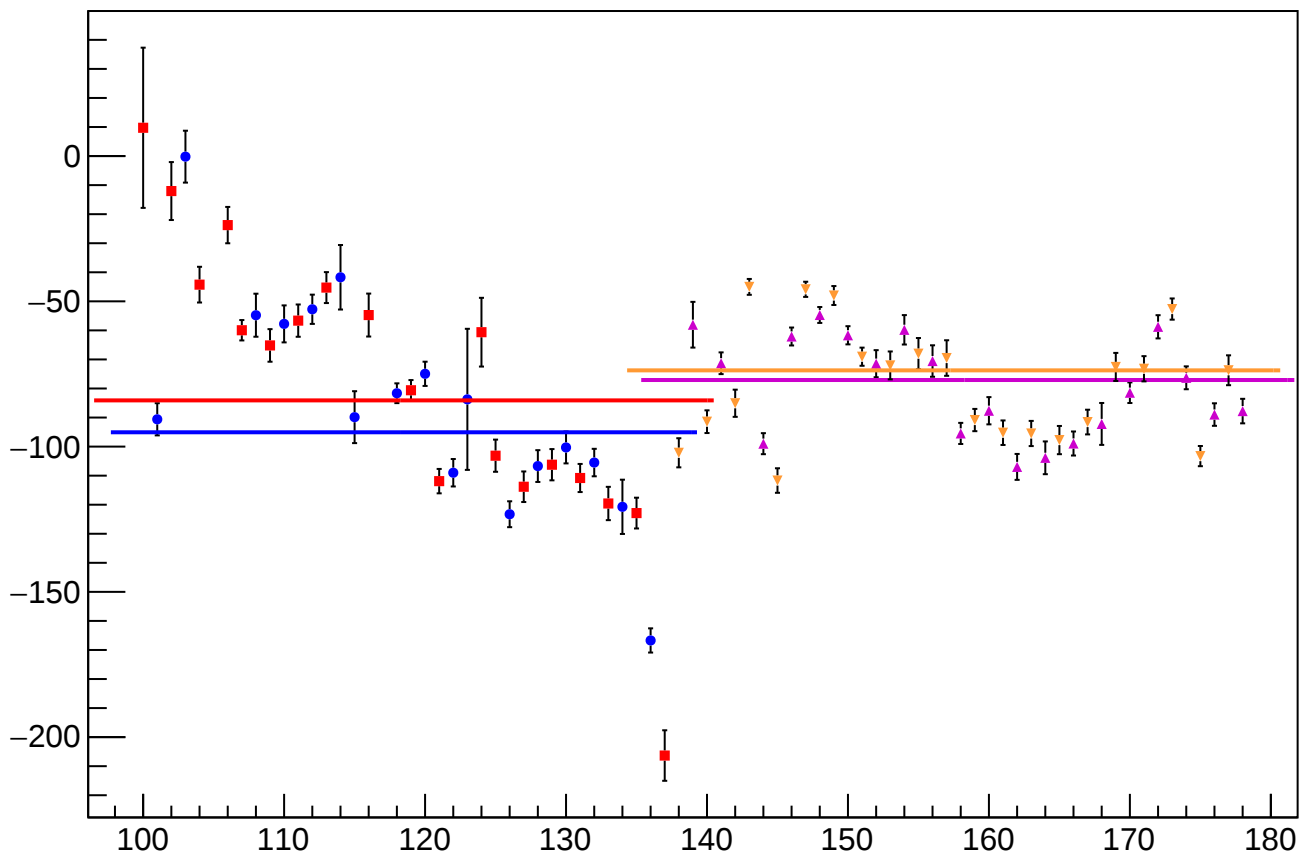
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -230.602 ± 0.947 χ^2/NDF : 2863.8/36

Out: -222.535 ± 0.918 χ^2/NDF : 3915.8/39

All: -226.446 ± 0.659 χ^2/NDF : 6817.0/76

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -73.759 ± 0.859 χ^2/NDF : 648.9/20

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -77.082 ± 0.900 χ^2/NDF : 342.8/19

Left: -75.342 ± 0.621 χ^2/NDF : 998.9/40

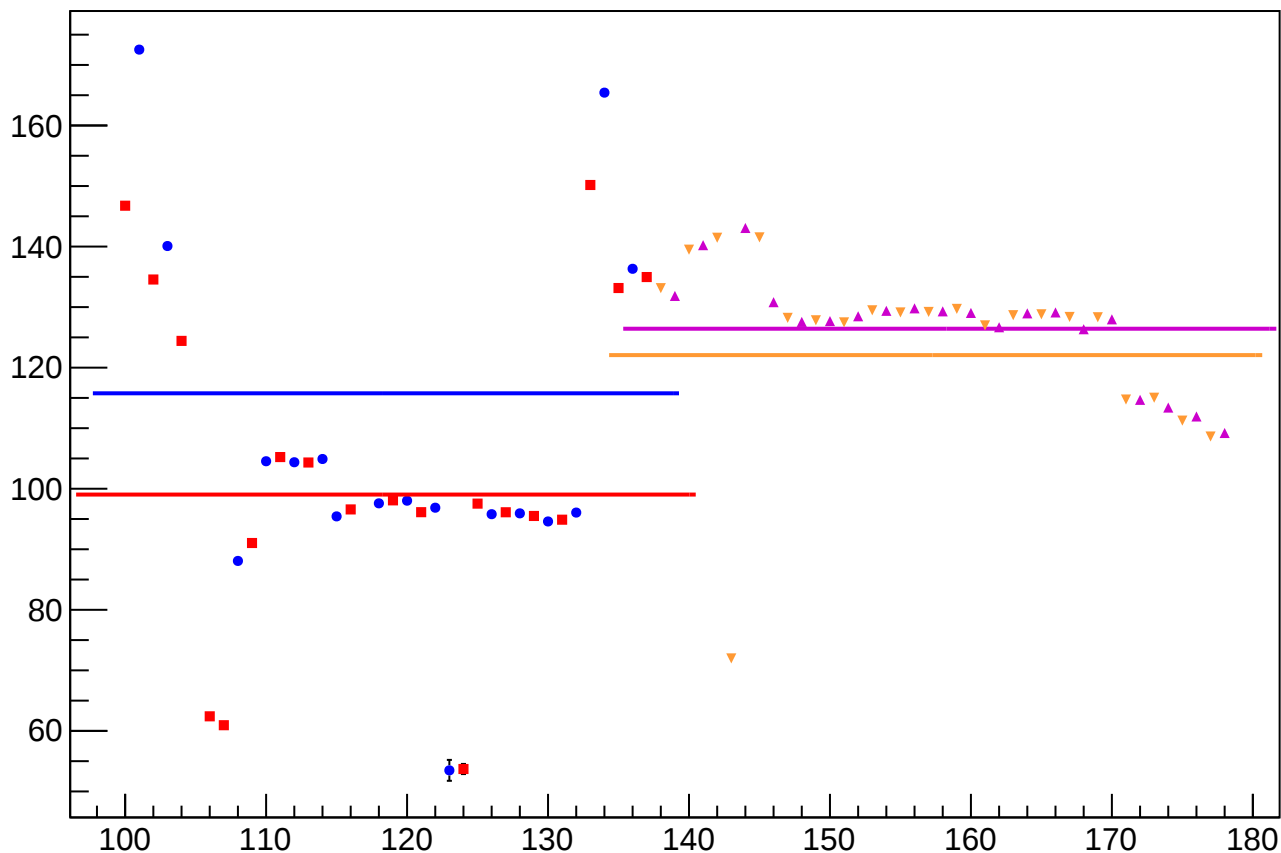
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -82.764 ± 0.745 χ^2/NDF : 1142.1/36

Out: -77.048 ± 0.709 χ^2/NDF : 1475.4/39

All: -79.765 ± 0.514 χ^2/NDF : 2648.4/76

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: 122.072 $\pm$ 0.042 χ^2/NDF :177386.7/20

Right Out: 99.037 $\pm$ 0.068 χ^2/NDF : 173477.1/18

Left In: 126.429 $\pm$ 0.042 χ^2/NDF :39882.7/19

Left: 124.217 $\pm$ 0.030 χ^2/NDF : 222692.6/40

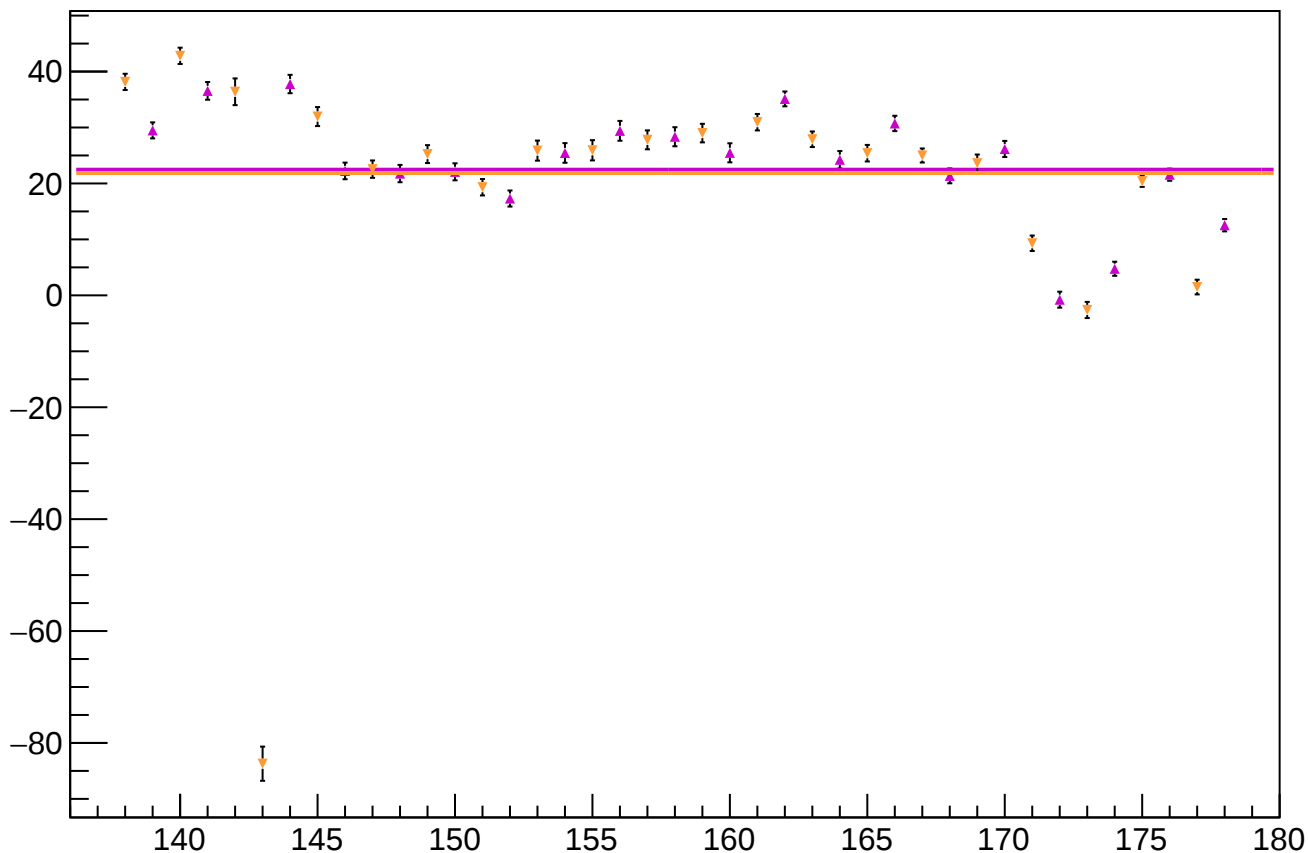
Right: 106.308 $\pm$ 0.051 χ^2/NDF : 305708.8/35

In: 124.022 $\pm$ 0.037 χ^2/NDF :160629.1/36

Out: 115.882 $\pm$ 0.035 χ^2/NDF :433613.5/39

All: 119.773 $\pm$ 0.026 χ^2/NDF : 619380.4/76

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: 21.868+/-0.330 χ^2/NDF :2327.5/20

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

Left In: 22.457+/-0.321 χ^2/NDF :915.4/19

Left: 22.170+/-0.230 χ^2/NDF : 3244.5/40

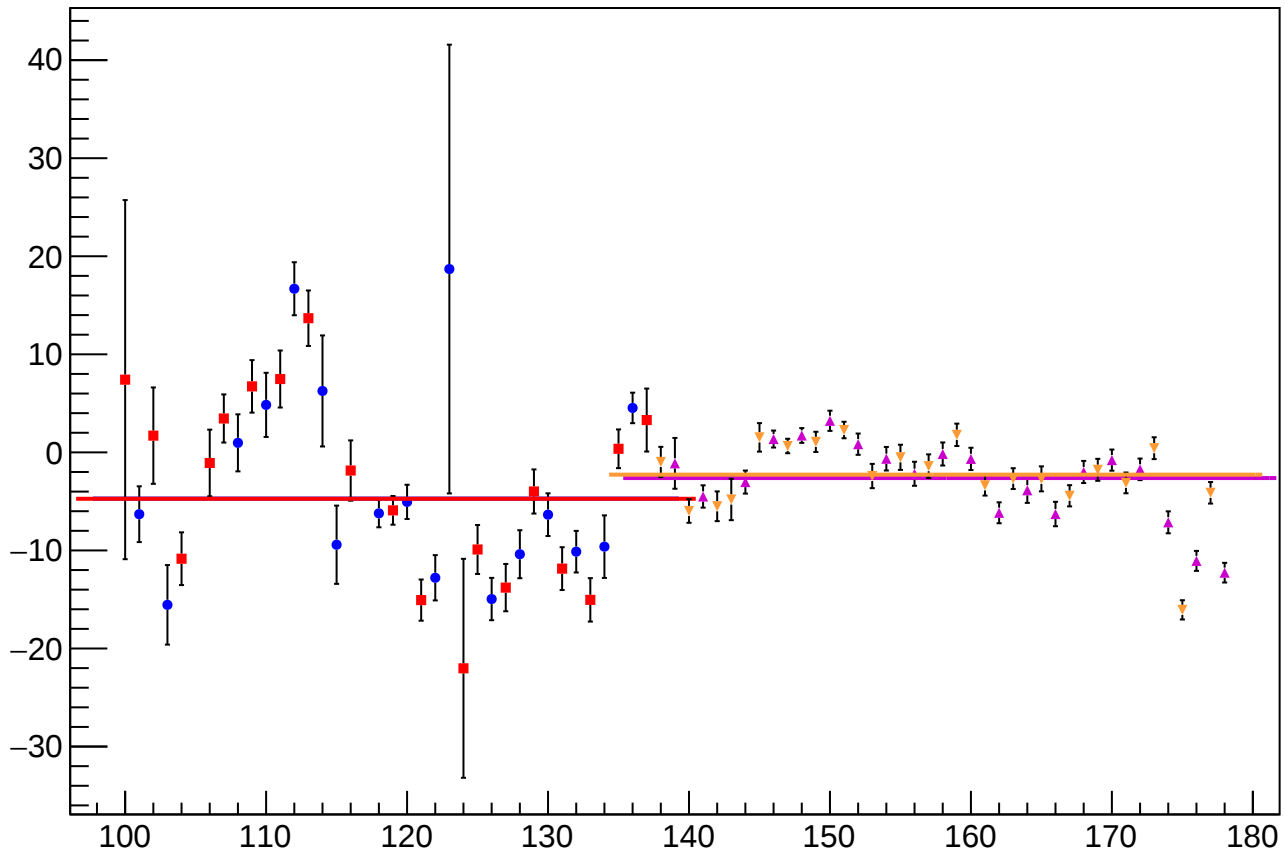
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.457+/-0.321 χ^2/NDF :915.4/19

Out: 21.868+/-0.330 χ^2/NDF :2327.5/20

All: 22.170+/-0.230 χ^2/NDF : 3244.5/40

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: -2.273 ± 0.244 χ^2/NDF : 305.9/20

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -2.618 ± 0.244 χ^2/NDF : 311.9/19

Left: -2.445 ± 0.173 χ^2/NDF : 618.8/40

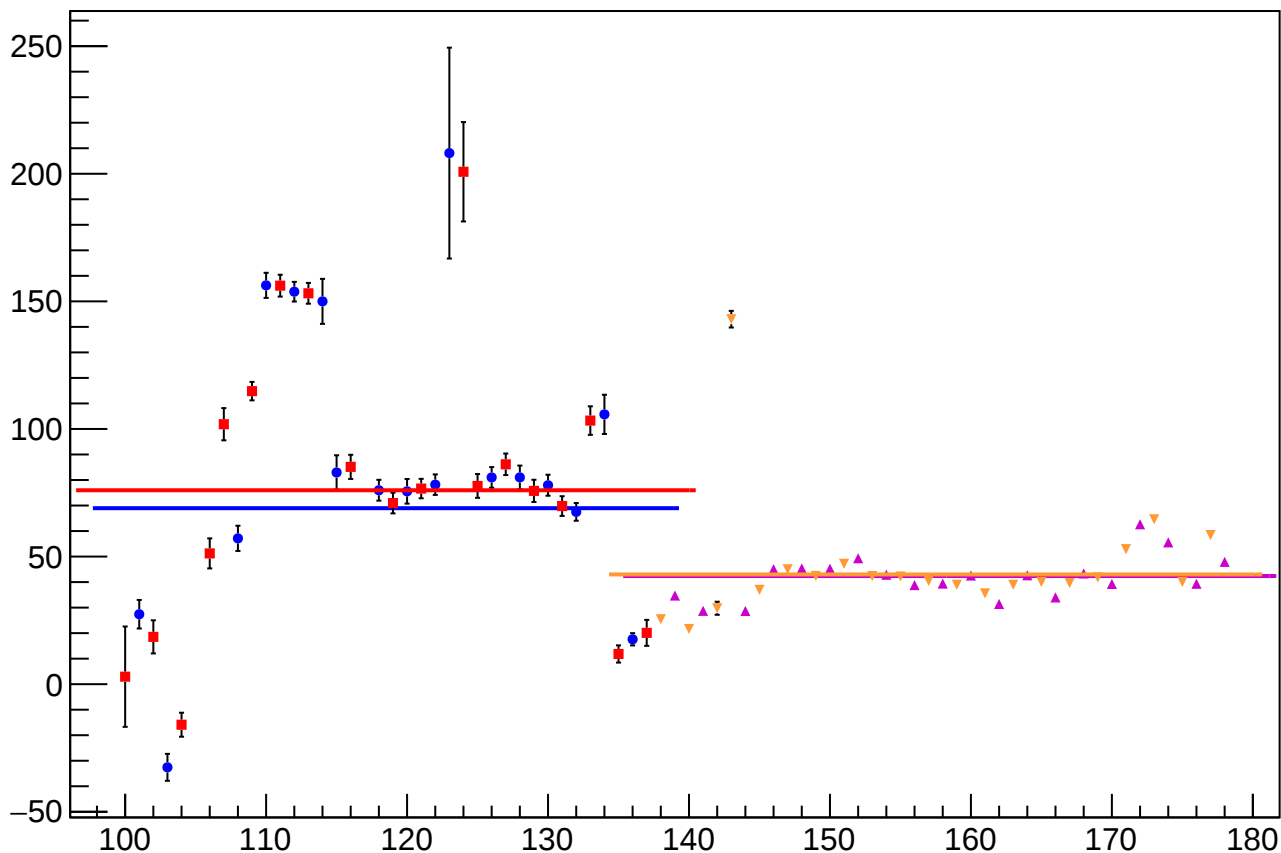
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -2.933 ± 0.225 χ^2/NDF : 497.7/36

Out: -2.637 ± 0.225 χ^2/NDF : 510.7/39

All: -2.785 ± 0.159 χ^2/NDF : 1009.2/76

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2/NDF : 1844.0/16

Left Out: 42.998 $\pm$ 0.326 χ^2/NDF :1766.0/20

Right Out: 75.982 $\pm$ 1.069 χ^2/NDF : 1894.8/18

Left In: 42.373 $\pm$ 0.317 χ^2/NDF :630.5/19

Left: 42.677 $\pm$ 0.227 χ^2/NDF : 2398.4/40

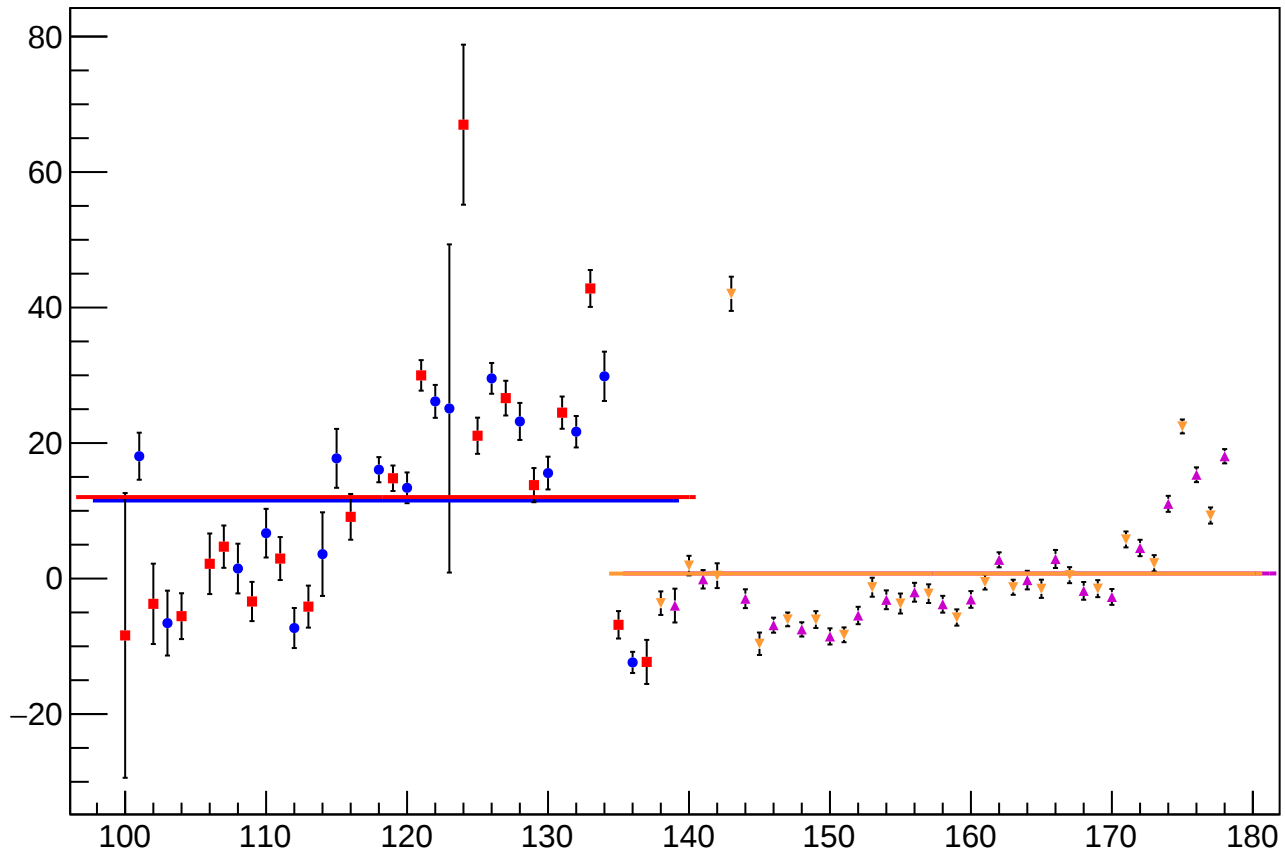
Right: 72.502 $\pm$ 0.760 χ^2/NDF : 3760.2/35

In: 44.492 $\pm$ 0.305 χ^2/NDF :3033.3/36

Out: 45.805 $\pm$ 0.312 χ^2/NDF :4531.2/39

All: 45.133 $\pm$ 0.218 χ^2/NDF : 7573.6/76

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 $\pm$ 0.660 χ^2 /NDF: 477.2/16

Left Out: 0.734 $\pm$ 0.279 χ^2 /NDF:1029.8/20

Right Out: 12.026 $\pm$ 0.664 χ^2 /NDF: 539.7/18

Left In: 0.752 $\pm$ 0.278 χ^2 /NDF:789.5/19

Left: 0.743 $\pm$ 0.197 χ^2 /NDF: 1819.2/40

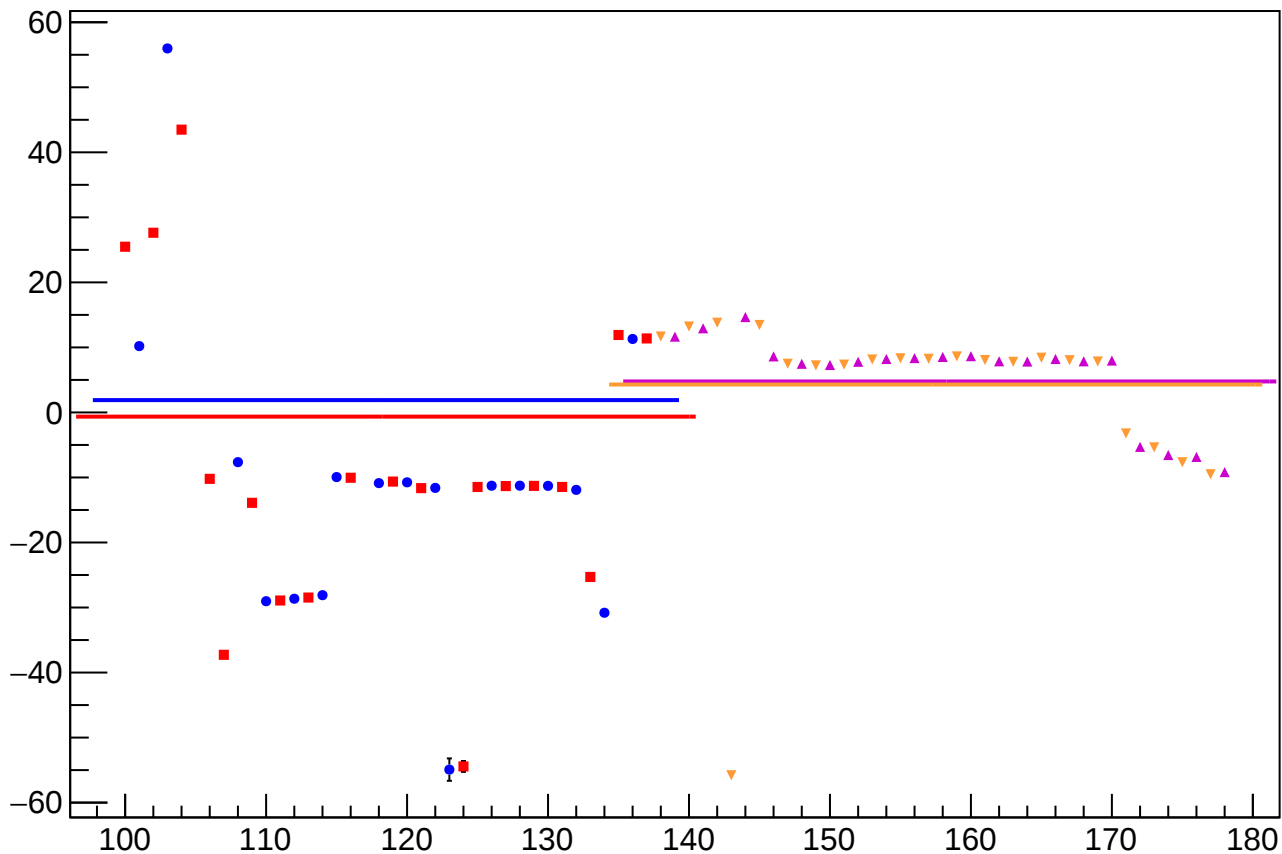
Right: 11.772 $\pm$ 0.468 χ^2 /NDF: 1017.2/35

In: 2.376 $\pm$ 0.256 χ^2 /NDF:1492.9/36

Out: 2.426 $\pm$ 0.257 χ^2 /NDF:1815.1/39

All: 2.401 $\pm$ 0.181 χ^2 /NDF: 3308.0/76

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: 4.295 $\pm$ 0.013 χ^2/NDF : 506911.7/20

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 4.765 $\pm$ 0.013 χ^2/NDF : 314846.2/19

Left: 4.536 $\pm$ 0.009 χ^2/NDF : 822441.5/40

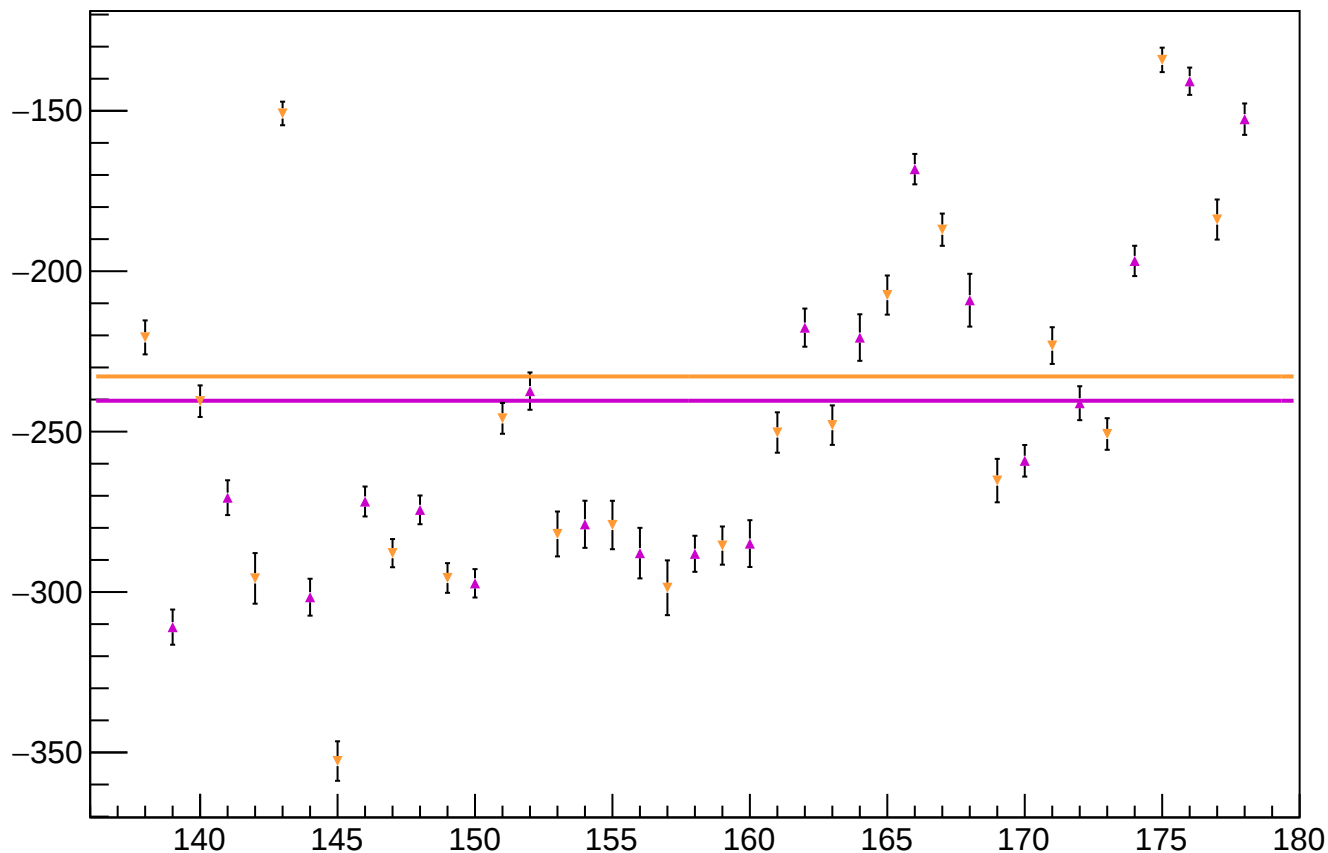
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 4.469 $\pm$ 0.012 χ^2/NDF : 679081.8/36

Out: 3.764 $\pm$ 0.012 χ^2/NDF : 884395.2/39

All: 4.124 $\pm$ 0.009 χ^2/NDF : 1565196.9/76

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -232.802+/-1.177 χ^2/NDF :2407.0/20

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

Left In: -240.376+/-1.209 χ^2/NDF :1988.6/19

Left: -236.489+/-0.843 χ^2/NDF : 4415.7/40

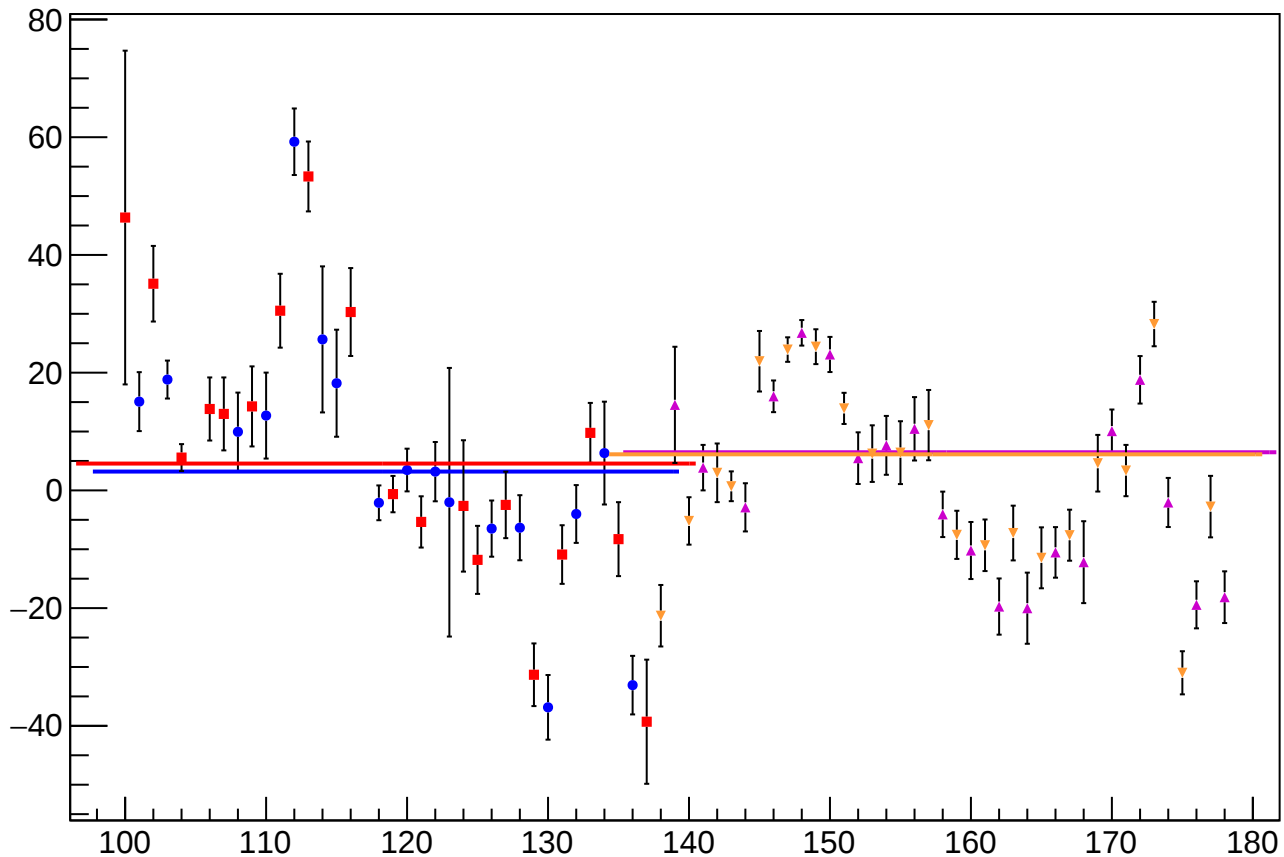
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -240.376+/-1.209 χ^2/NDF :1988.6/19

Out: -232.802+/-1.177 χ^2/NDF :2407.0/20

All: -236.489+/-0.843 χ^2/NDF : 4415.7/40

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 6.131 ± 0.830 χ^2/NDF : 364.4/20

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 6.479 ± 0.881 χ^2/NDF : 317.3/19

Left: 6.294 ± 0.604 χ^2/NDF : 681.8/40

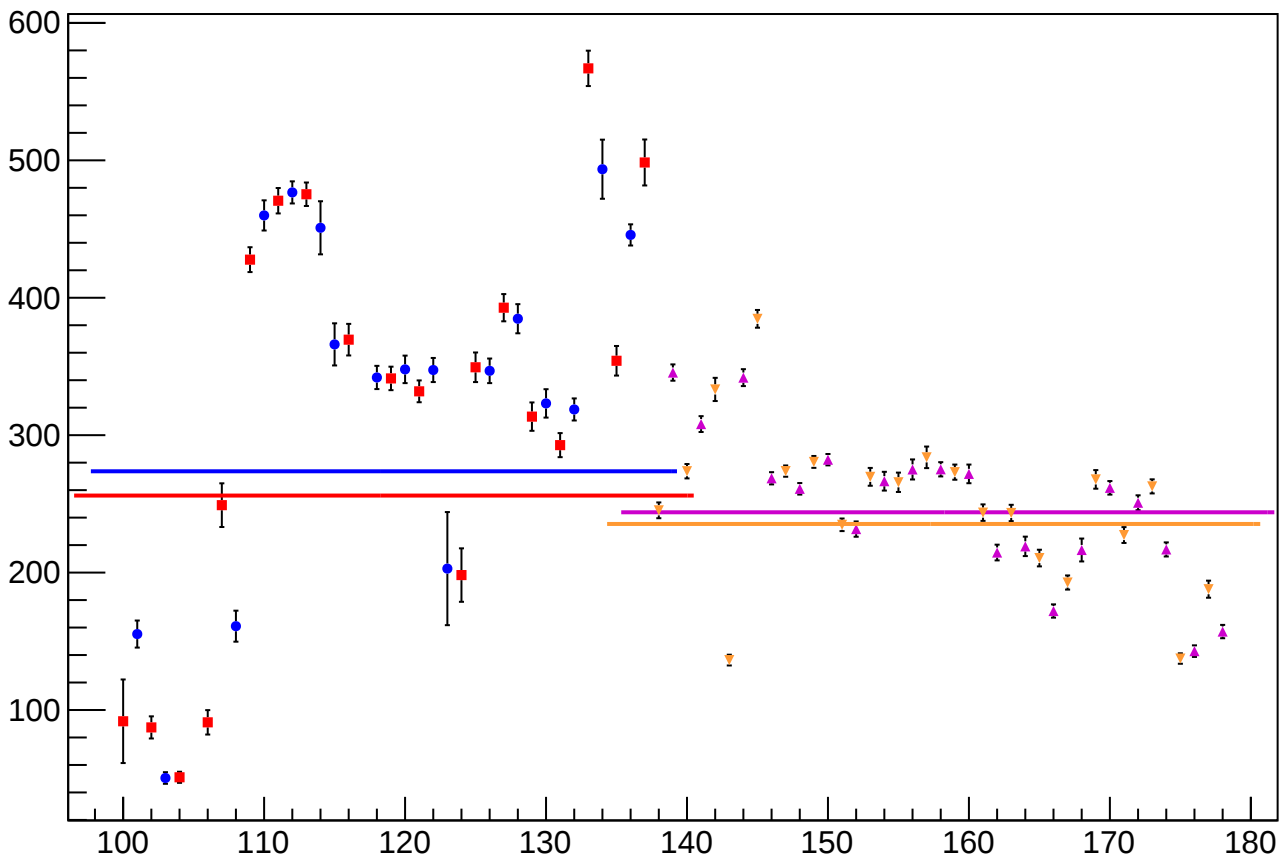
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 5.364 ± 0.716 χ^2/NDF : 577.2/36

Out: 5.597 ± 0.674 χ^2/NDF : 589.6/39

All: 5.488 ± 0.491 χ^2/NDF : 1166.8/76

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: 235.383 $\pm$ 1.171 χ^2 /NDF:2556.4/20

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 243.880 $\pm$ 1.194 χ^2 /NDF:2099.3/19

Left: 239.549 $\pm$ 0.836 χ^2 /NDF: 4681.5/40

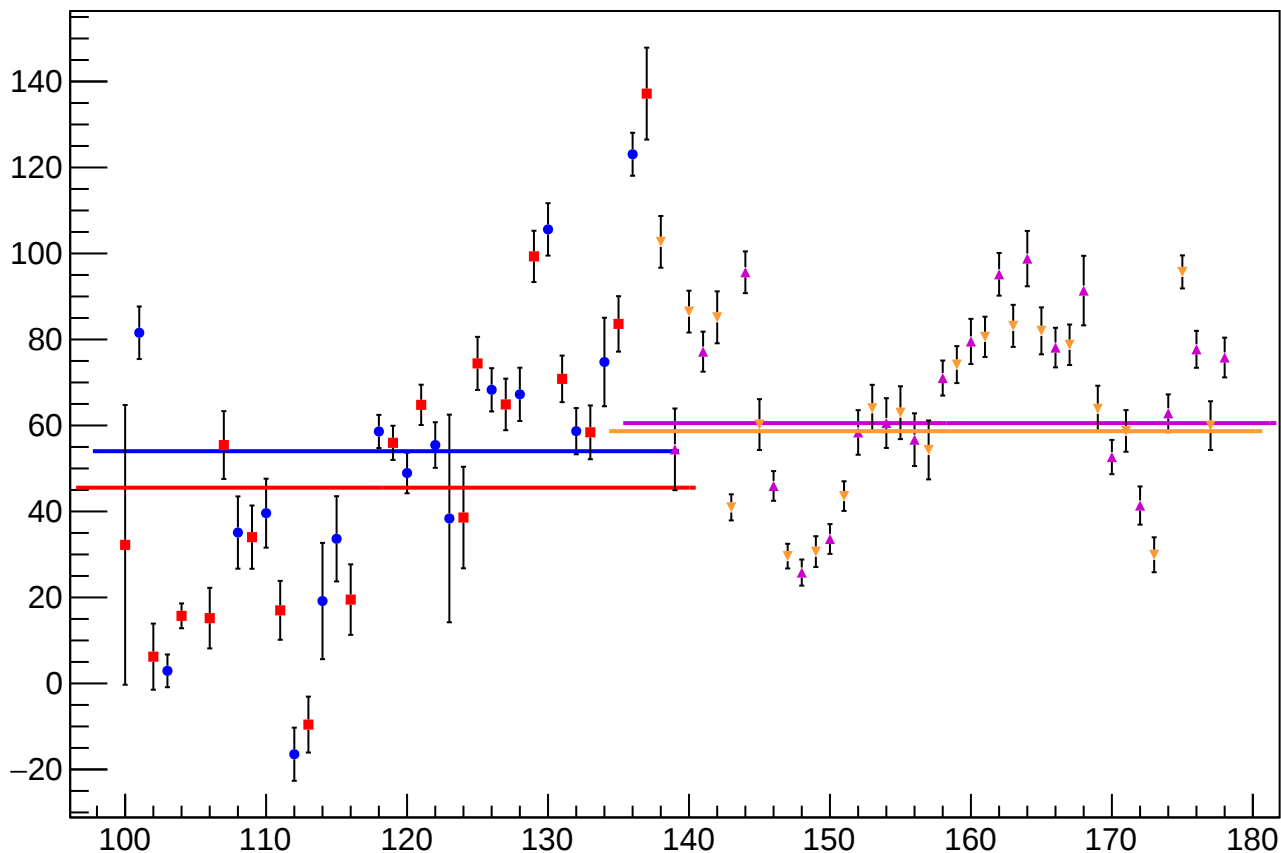
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 250.694 $\pm$ 1.049 χ^2 /NDF:7345.2/36

Out: 240.362 $\pm$ 1.020 χ^2 /NDF:9072.6/39

All: 245.385 $\pm$ 0.731 χ^2 /NDF: 16467.6/76

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: 58.671 $\pm$ 0.973 χ^2 /NDF: 564.8/20

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 60.548 $\pm$ 1.021 χ^2 /NDF: 457.9/19

Left: 59.564 $\pm$ 0.704 χ^2 /NDF: 1024.4/40

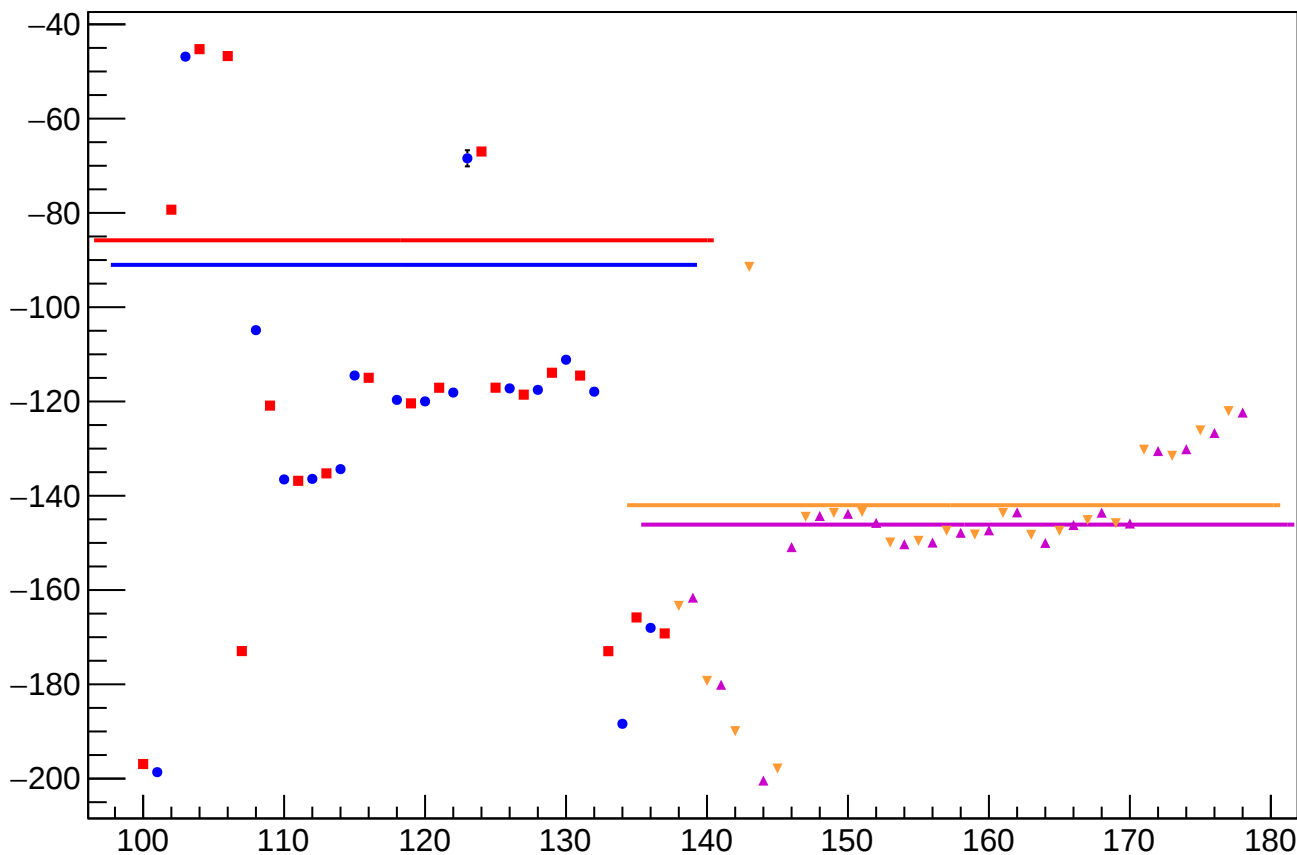
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 58.328 $\pm$ 0.830 χ^2 /NDF: 1104.6/36

Out: 54.210 $\pm$ 0.791 χ^2 /NDF: 1153.5/39

All: 56.170 $\pm$ 0.572 χ^2 /NDF: 2271.1/76

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 $\pm$ 0.068 χ^2 /NDF: 534258.1/16

Left Out: -142.001 $\pm$ 0.047 χ^2 /NDF: 231792.8/20

Right Out: -85.811 $\pm$ 0.065 χ^2 /NDF: 495868.7/18

Left In: -146.122 $\pm$ 0.048 χ^2 /NDF: 104054.0/19

Left: -144.031 $\pm$ 0.034 χ^2 /NDF: 339606.9/40

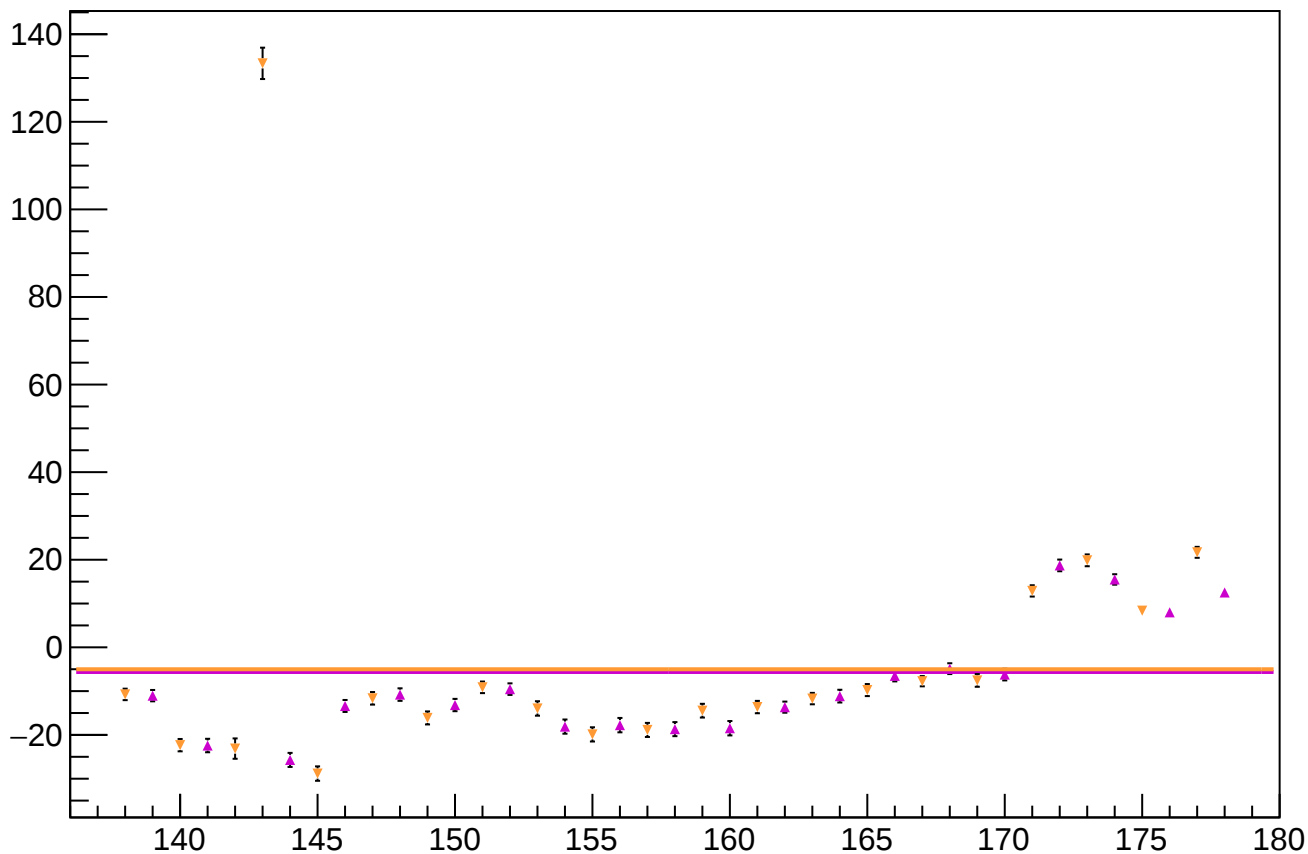
Right: -88.315 $\pm$ 0.047 χ^2 /NDF: 1033213.2/35

In: -127.713 $\pm$ 0.039 χ^2 /NDF: 1080967.2/36

Out: -122.627 $\pm$ 0.038 χ^2 /NDF: 1216986.9/39

All: -125.112 $\pm$ 0.027 χ^2 /NDF: 2306625.7/76

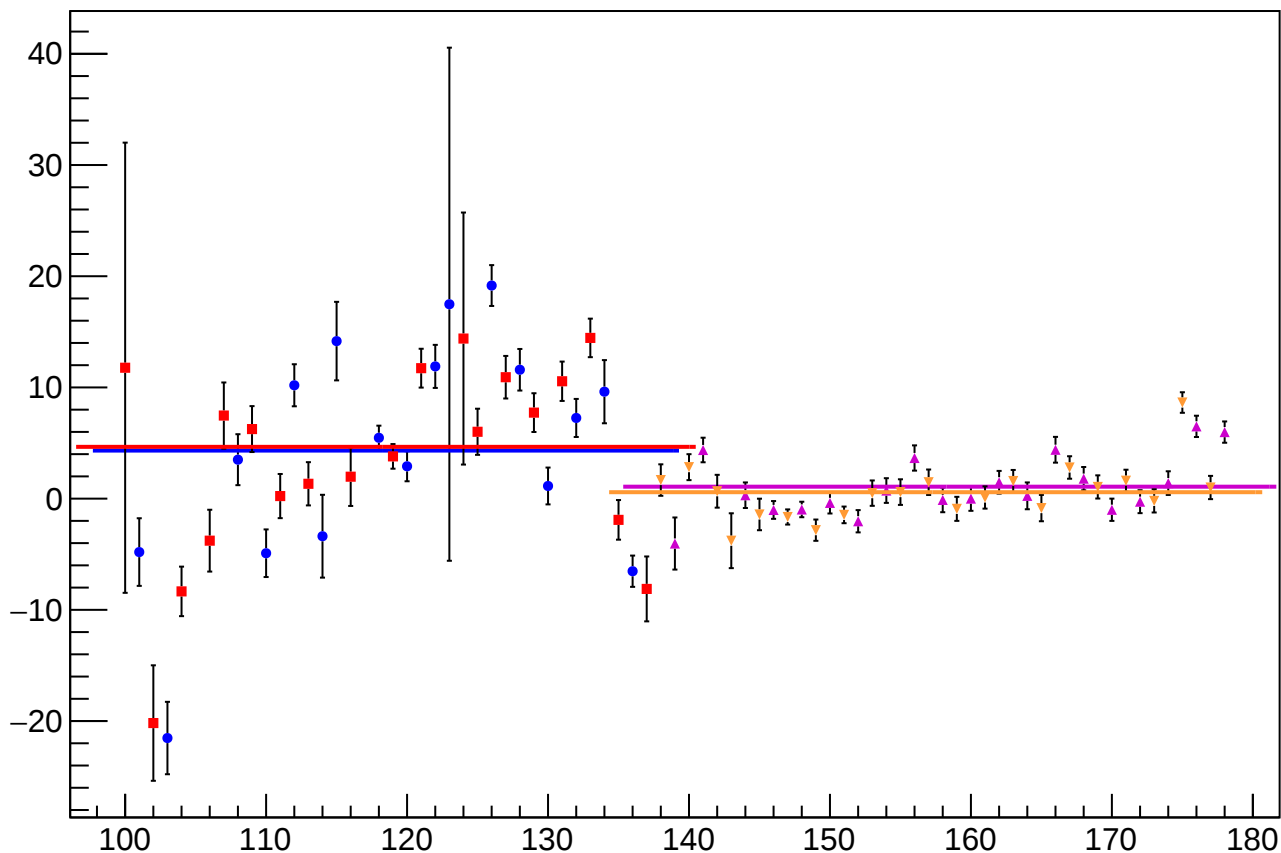
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -5.011 ± 0.309 $\chi^2/\text{NDF}: 3508.4/20$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -5.626 ± 0.301 $\chi^2/\text{NDF}: 1790.5/19$

Left: -5.327 ± 0.216 $\chi^2/\text{NDF}: 5300.9/40$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -5.626 ± 0.301 $\chi^2/\text{NDF}: 1790.5/19$
 Out: -5.011 ± 0.309 $\chi^2/\text{NDF}: 3508.4/20$
 All: -5.327 ± 0.216 $\chi^2/\text{NDF}: 5300.9/40$

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: 0.579 ± 0.228 χ^2/NDF : 128.5/20

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: 1.075 ± 0.229 χ^2/NDF : 122.7/19

Left: 0.826 ± 0.162 χ^2/NDF : 253.6/40

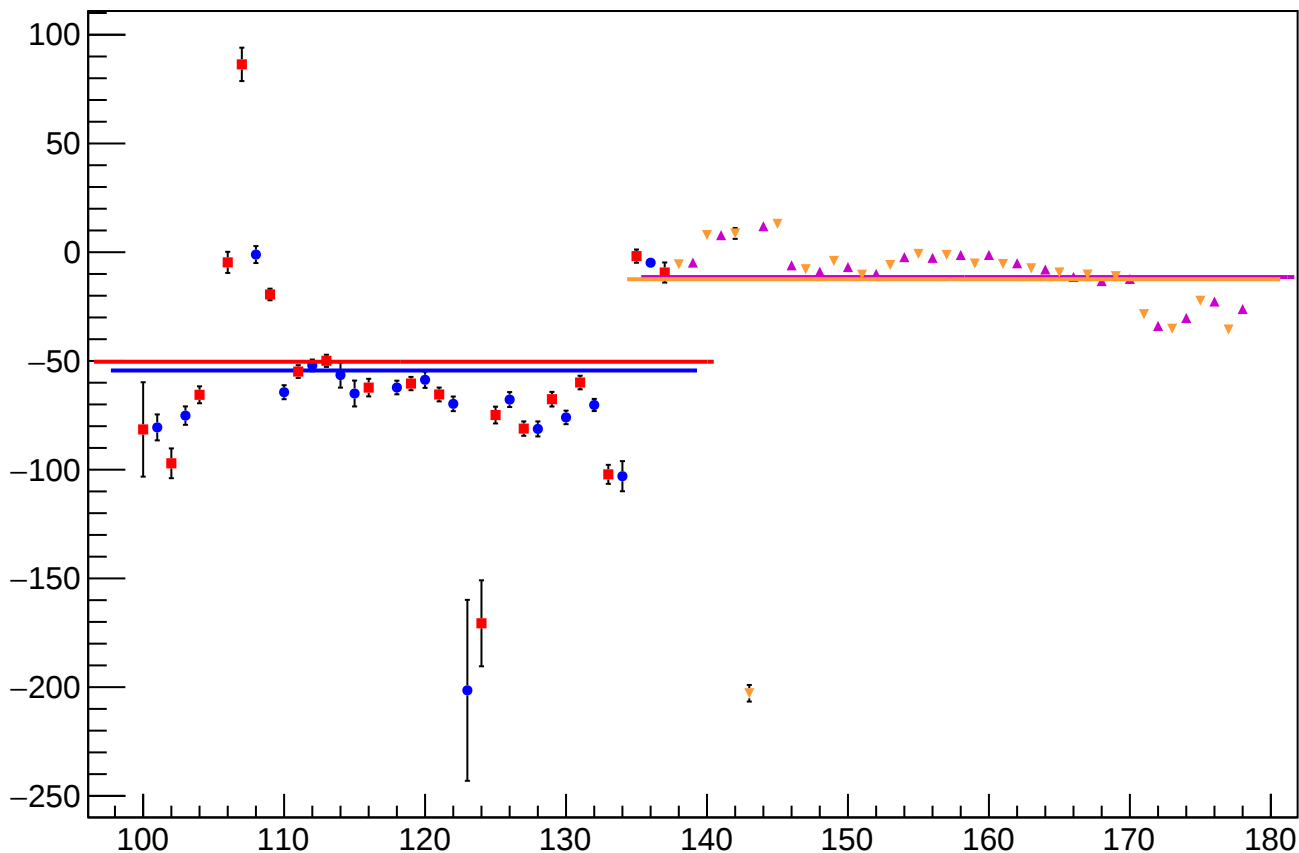
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 1.709 ± 0.206 χ^2/NDF : 442.2/36

Out: 1.347 ± 0.206 χ^2/NDF : 373.2/39

All: 1.528 ± 0.145 χ^2/NDF : 816.9/76

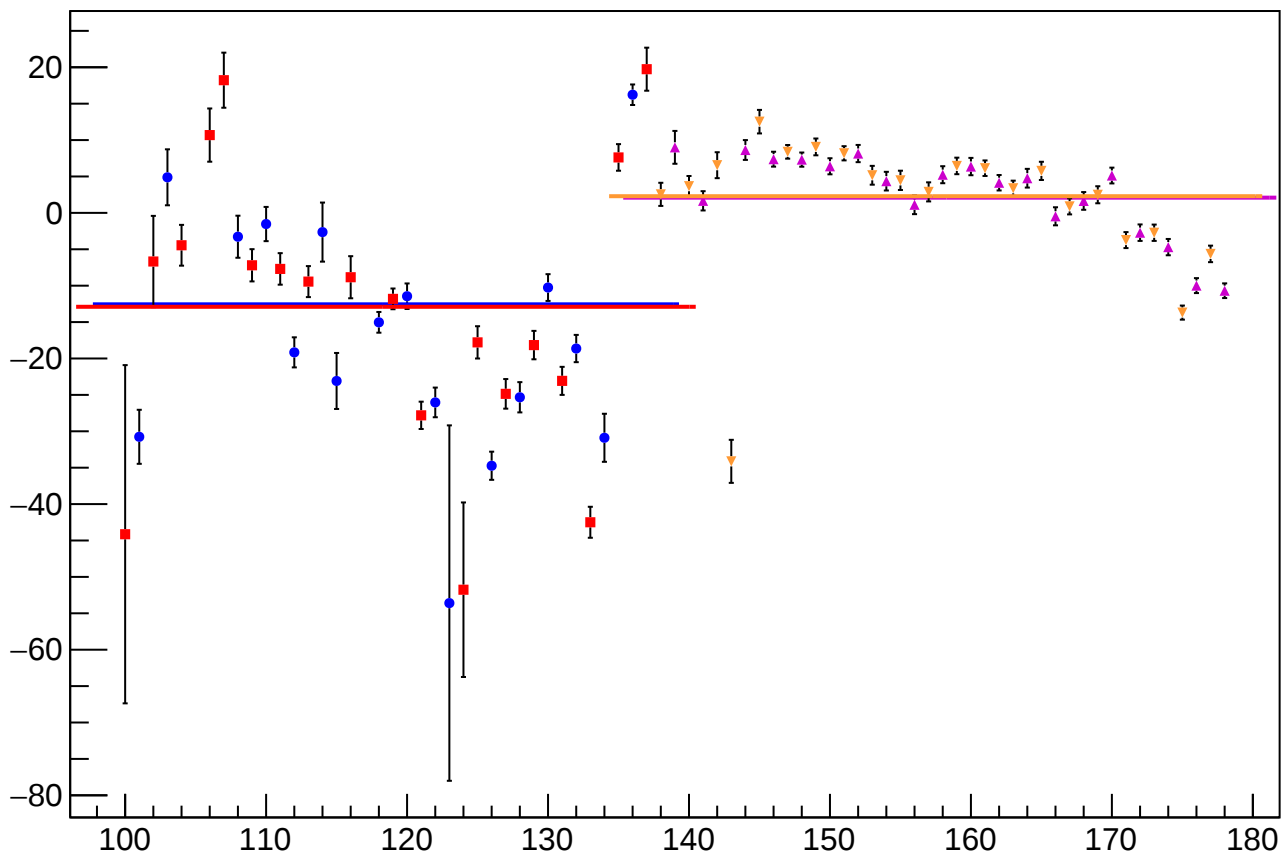
reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$
 Left Out: -12.427 ± 0.306 $\chi^2/\text{NDF}: 4110.4/20$
 Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$
 Left In: -11.419 ± 0.298 $\chi^2/\text{NDF}: 1380.7/19$

Left: -11.910 ± 0.213 $\chi^2/\text{NDF}: 5496.7/40$
 Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$
 In: -15.971 ± 0.281 $\chi^2/\text{NDF}: 4603.4/36$
 Out: -16.701 ± 0.288 $\chi^2/\text{NDF}: 7168.1/39$
 All: -16.328 ± 0.201 $\chi^2/\text{NDF}: 11774.8/76$

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: 2.290 ± 0.261 χ^2/NDF : 728.6/20

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 2.092 ± 0.261 χ^2/NDF : 527.8/19

Left: 2.191 ± 0.185 χ^2/NDF : 1256.6/40

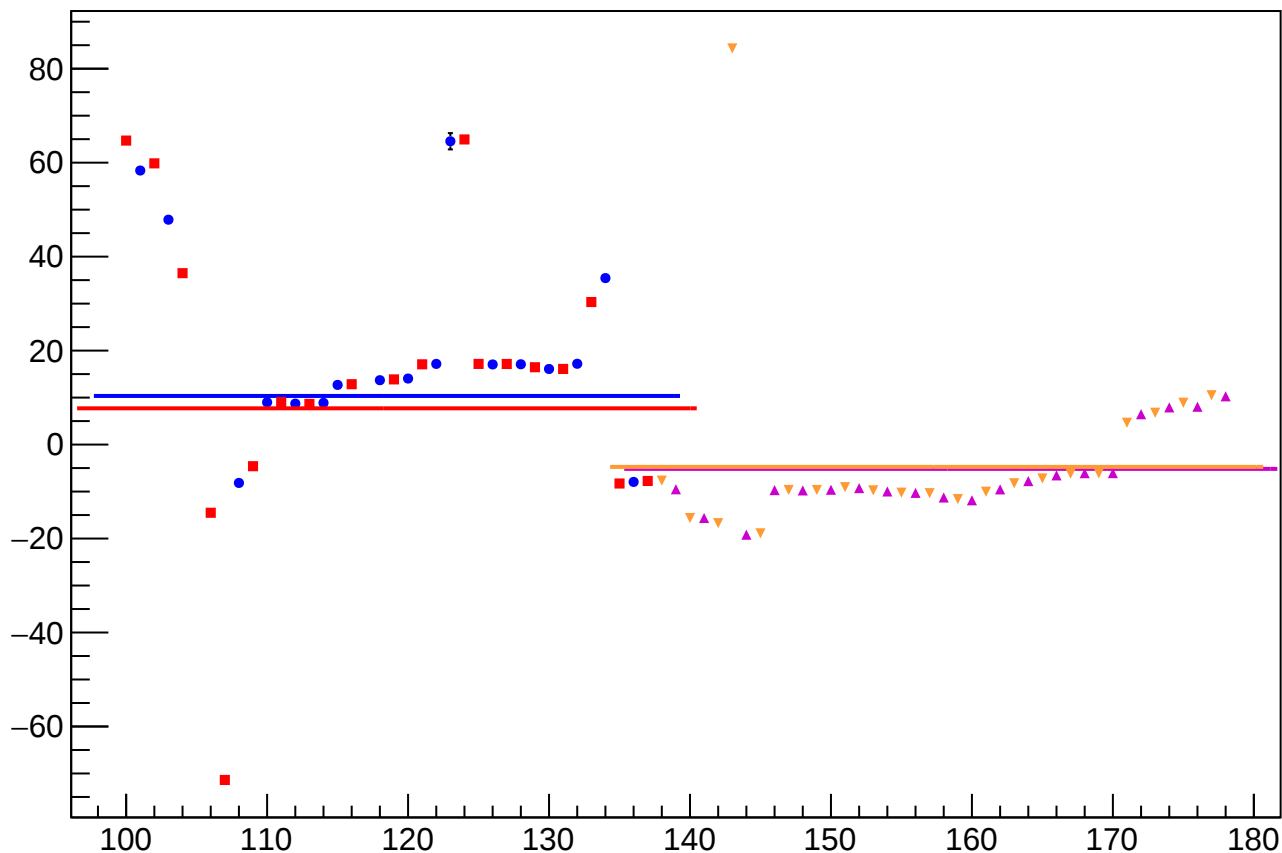
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -0.756 ± 0.234 χ^2/NDF : 1919.7/36

Out: -0.609 ± 0.235 χ^2/NDF : 2101.5/39

All: -0.683 ± 0.166 χ^2/NDF : 4021.4/76

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: -4.748+/-0.012 χ^2/NDF : 792545.1/20

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -5.173+/-0.012 χ^2/NDF : 474504.0/19

Left: -4.966+/-0.008 χ^2/NDF : 1267683.5/40

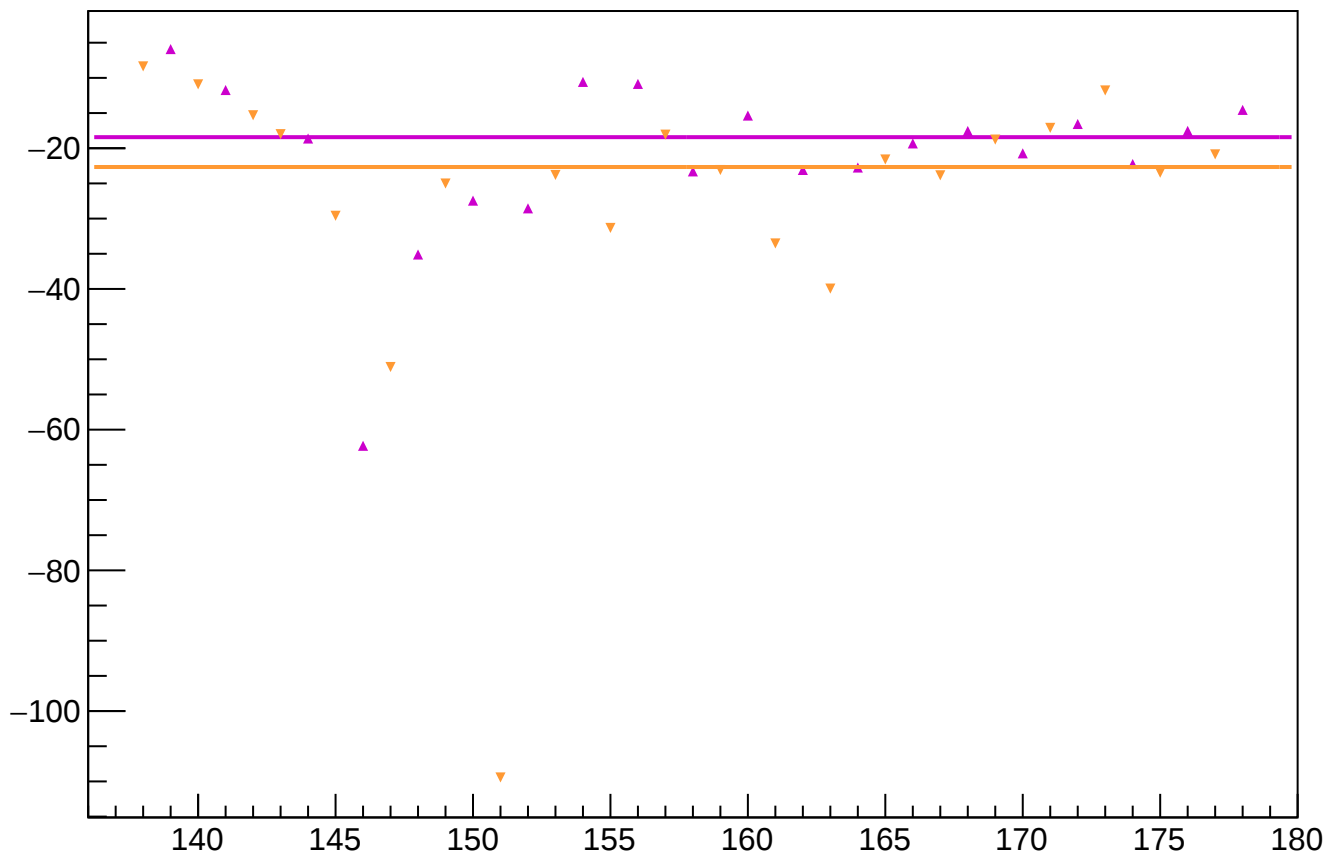
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -3.171+/-0.011 χ^2/NDF : 1079813.4/36

Out: -3.137+/-0.011 χ^2/NDF : 1475959.4/39

All: -3.154+/-0.008 χ^2/NDF : 2555777.4/76

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: -22.669+/-0.049 χ^2/NDF : 62597.6/20

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

Left In: -18.426+/-0.043 χ^2/NDF : 39313.1/19

Left: -20.291+/-0.032 χ^2/NDF : 106118.9/40

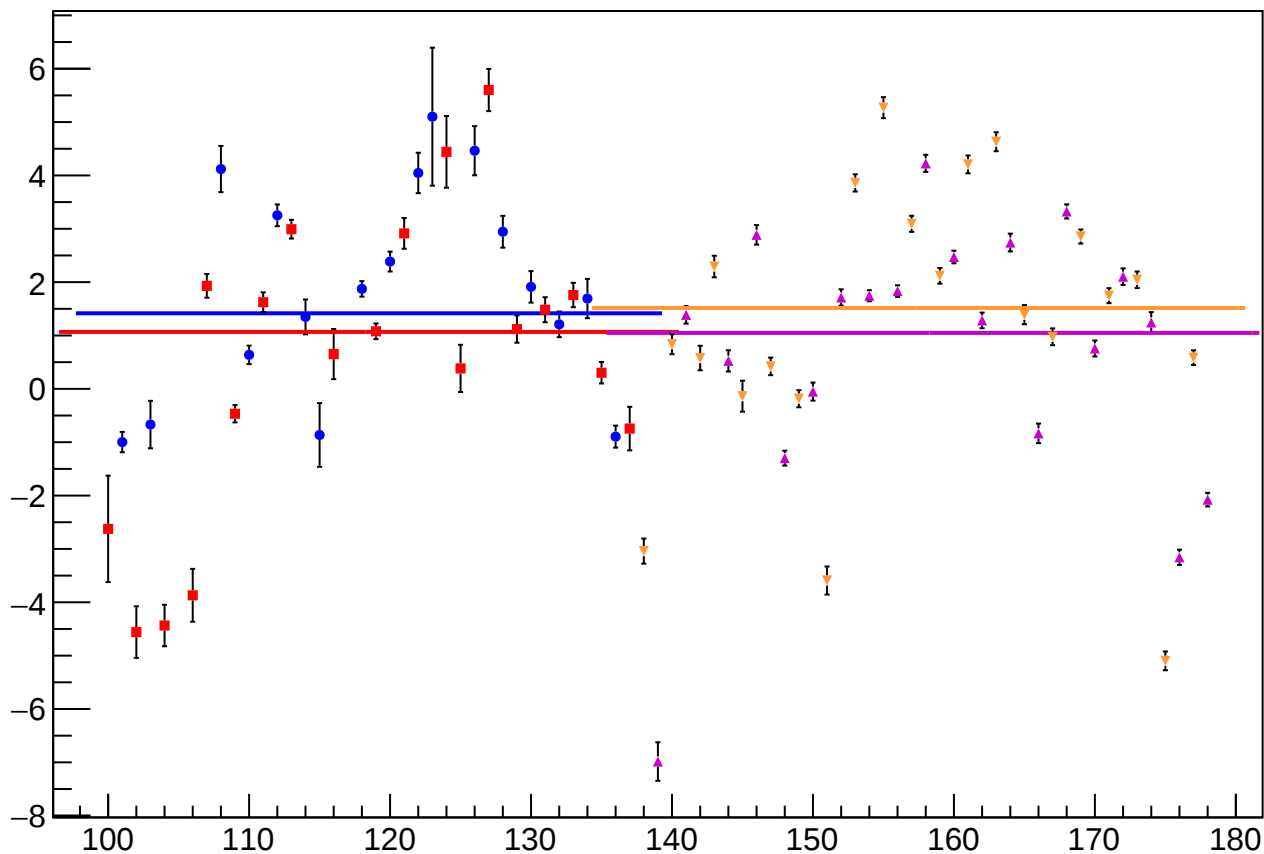
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.426+/-0.043 χ^2/NDF : 39313.1/19

Out: -22.669+/-0.049 χ^2/NDF : 62597.6/20

All: -20.291+/-0.032 χ^2/NDF : 106118.9/40

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: 1.516 ± 0.037 χ^2/NDF : 3834.5/20

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 1.048 ± 0.033 χ^2/NDF : 3609.5/19

Left: 1.255 ± 0.025 χ^2/NDF : 7532.0/40

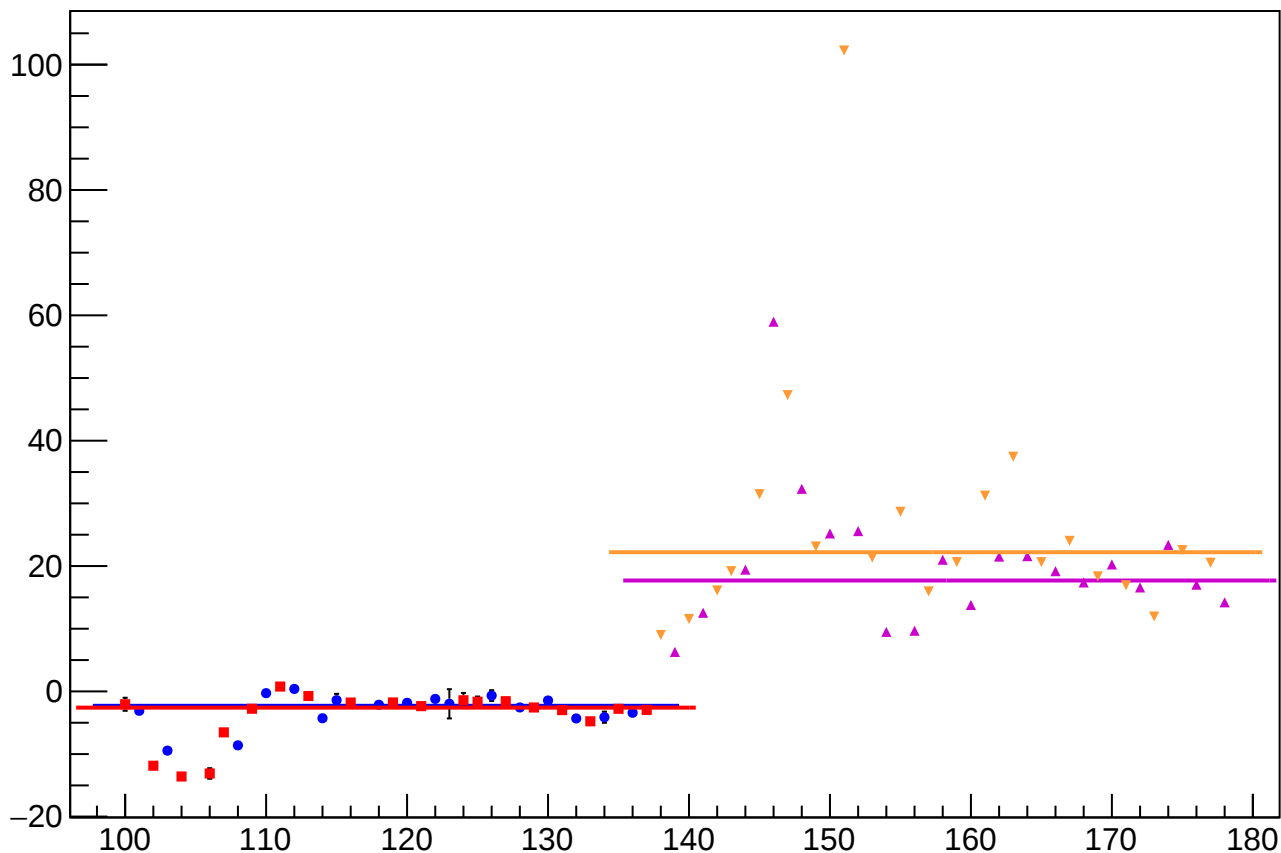
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 1.132 ± 0.029 χ^2/NDF : 4268.7/36

Out: 1.385 ± 0.031 χ^2/NDF : 4806.7/39

All: 1.249 ± 0.021 χ^2/NDF : 9110.4/76

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 22.207 ± 0.049 χ^2/NDF : 55766.8/20

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.691 ± 0.043 χ^2/NDF : 37189.7/19

Left: 19.652 ± 0.032 χ^2/NDF : 97849.0/40

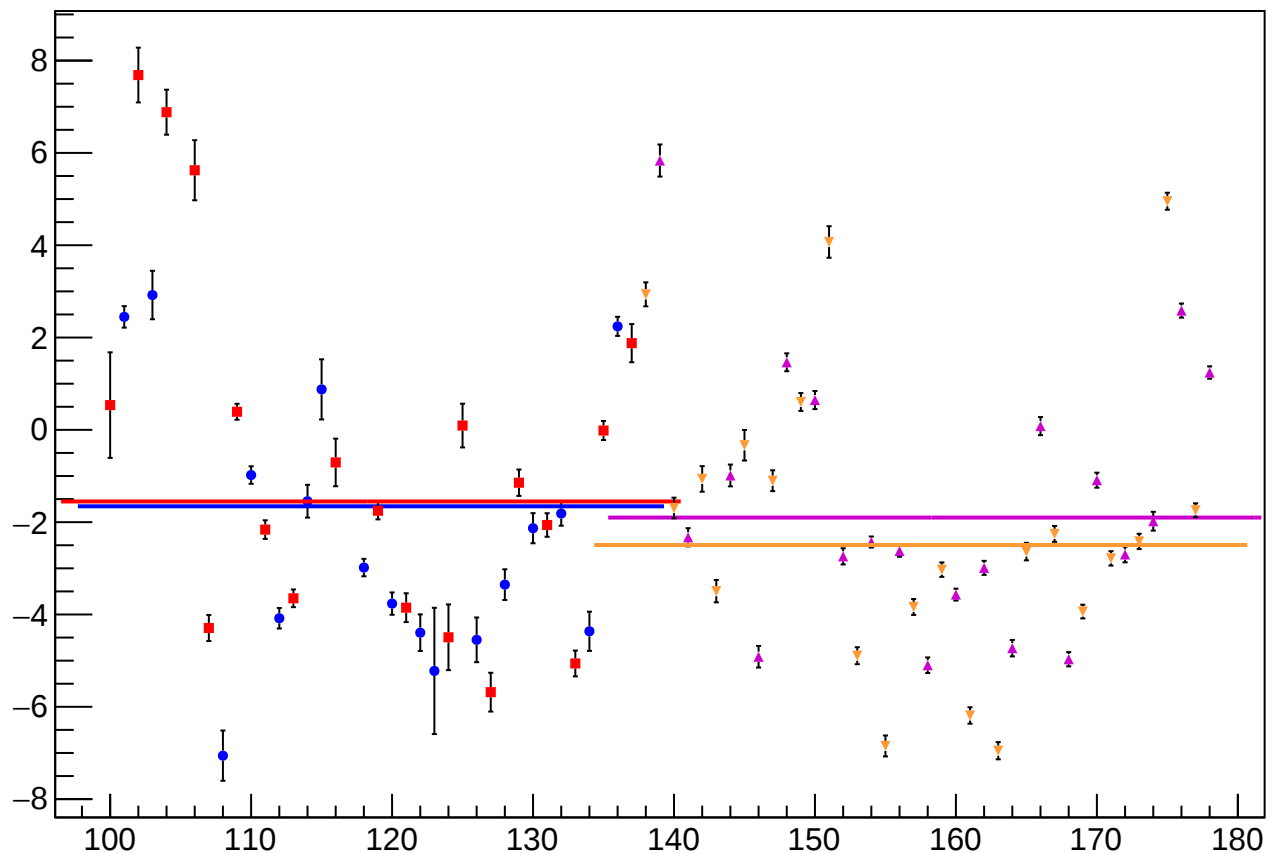
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 15.125 ± 0.040 χ^2/NDF : 65983.0/36

Out: 17.384 ± 0.044 χ^2/NDF : 107370.5/39

All: 16.150 ± 0.029 χ^2/NDF : 174822.0/76

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: -2.494 ± 0.042 χ^2/NDF : 4577.8/20

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -1.900 ± 0.037 χ^2/NDF : 4014.5/19

Left: -2.162 ± 0.028 χ^2/NDF : 8705.1/40

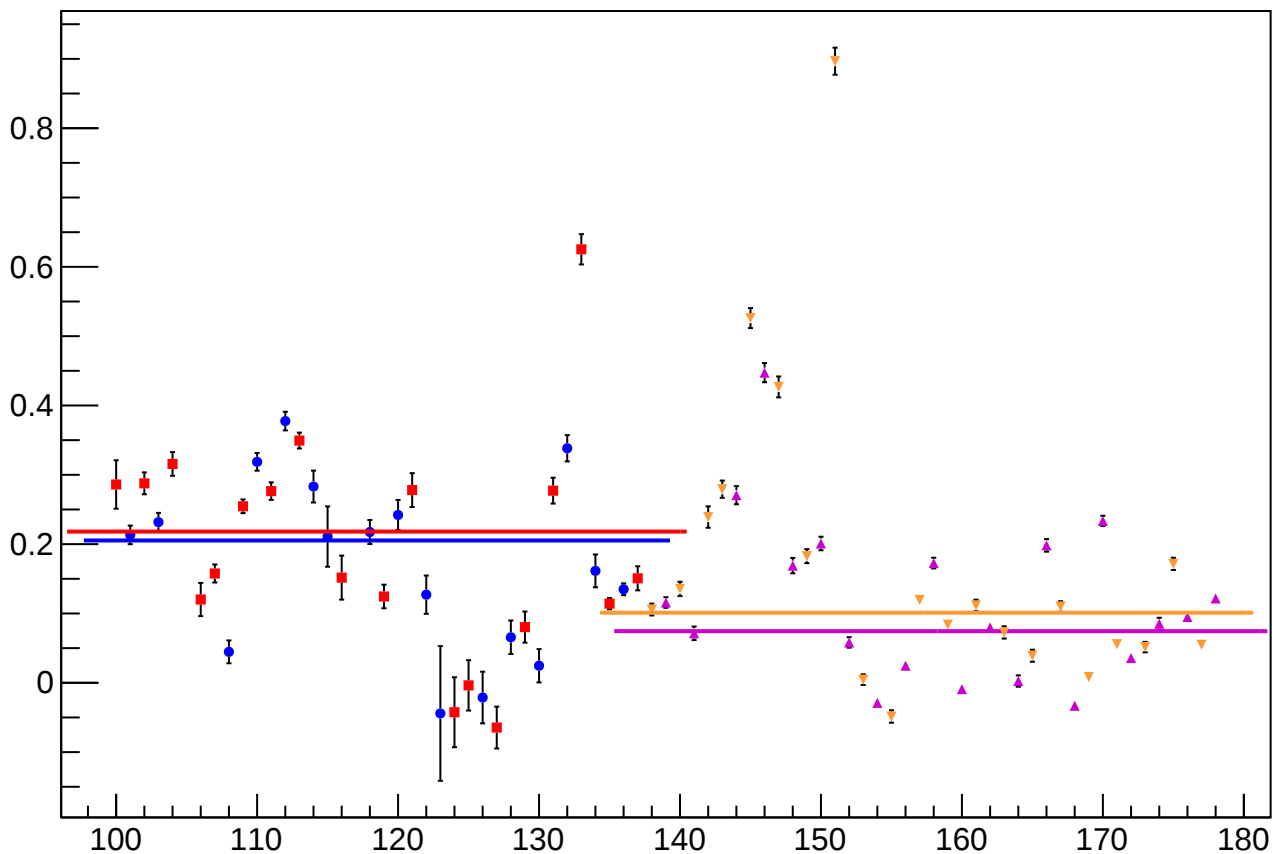
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.847 ± 0.033 χ^2/NDF : 5295.0/36

Out: -2.222 ± 0.035 χ^2/NDF : 6212.8/39

All: -2.021 ± 0.024 χ^2/NDF : 11568.2/76

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.101 ± 0.002 χ^2/NDF : 4264.5/20

Right Out: 0.218 ± 0.004 χ^2/NDF : 1023.2/18

Left In: 0.075 ± 0.002 χ^2/NDF : 3281.3/19

Left: 0.086 ± 0.001 χ^2/NDF : 7661.2/40

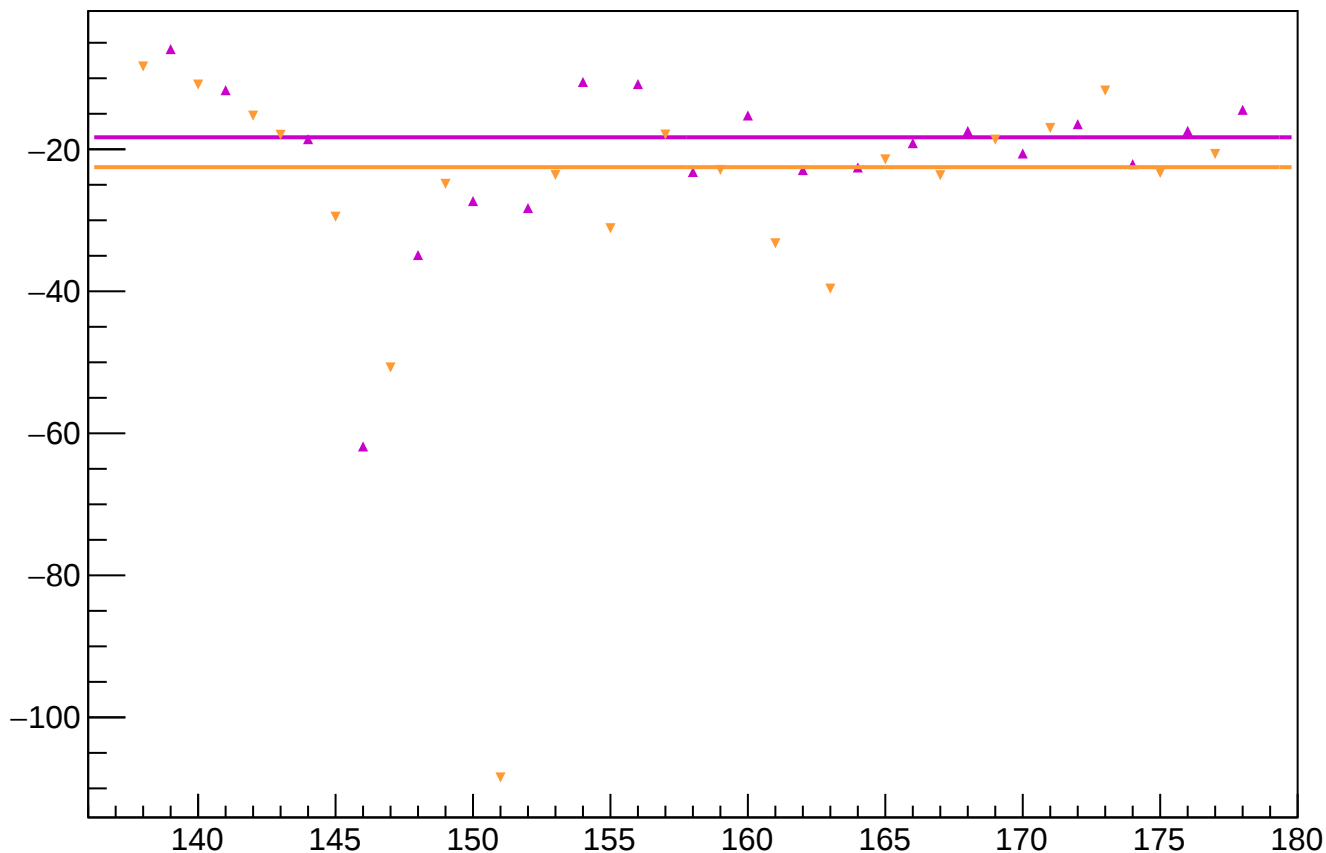
Right: 0.212 ± 0.003 χ^2/NDF : 1649.1/35

In: 0.092 ± 0.002 χ^2/NDF : 4767.5/36

Out: 0.125 ± 0.002 χ^2/NDF : 6087.8/39

All: 0.107 ± 0.001 χ^2/NDF : 11072.1/76

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -22.519+/-0.049 χ^2/NDF : 62421.5/20

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

Left In: -18.312+/-0.043 χ^2/NDF : 39235.9/19

Left: -20.162+/-0.032 χ^2/NDF : 105851.1/40

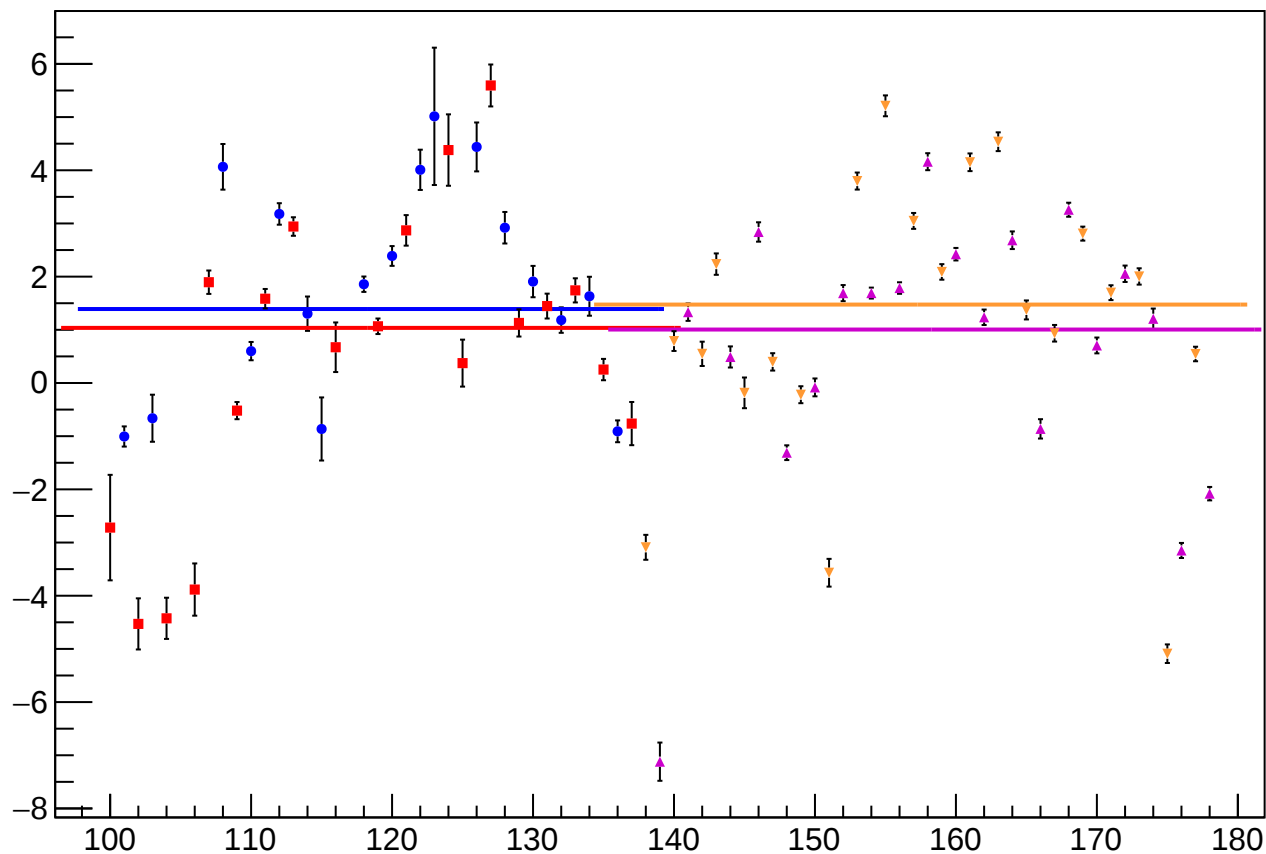
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.312+/-0.043 χ^2/NDF : 39235.9/19

Out: -22.519+/-0.049 χ^2/NDF : 62421.5/20

All: -20.162+/-0.032 χ^2/NDF : 105851.1/40

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 1.475 $\pm$ 0.037 χ^2 /NDF:3834.2/20

Right Out: 1.036 $\pm$ 0.058 χ^2 /NDF: 934.2/18

Left In: 1.005 $\pm$ 0.033 χ^2 /NDF:3606.4/19

Left: 1.213 $\pm$ 0.025 χ^2 /NDF: 7530.4/40

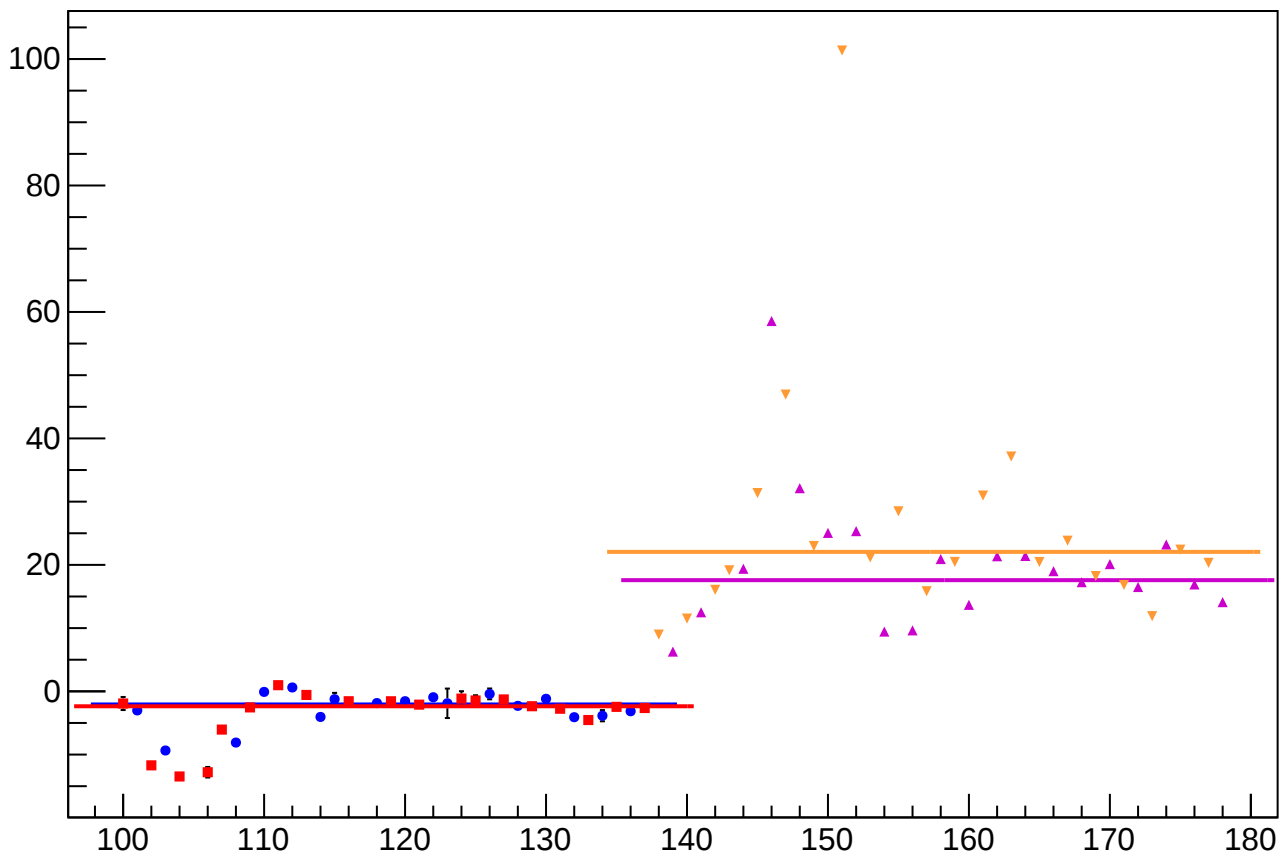
Right: 1.204 $\pm$ 0.042 χ^2 /NDF: 1581.2/35

In: 1.093 $\pm$ 0.029 χ^2 /NDF:4266.7/36

Out: 1.347 $\pm$ 0.031 χ^2 /NDF:4809.1/39

All: 1.211 $\pm$ 0.021 χ^2 /NDF: 9111.6/76

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: 22.058 ± 0.048 χ^2/NDF : 55629.7/20

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.583 ± 0.042 χ^2/NDF : 37121.7/19

Left: 19.527 ± 0.032 χ^2/NDF : 97623.5/40

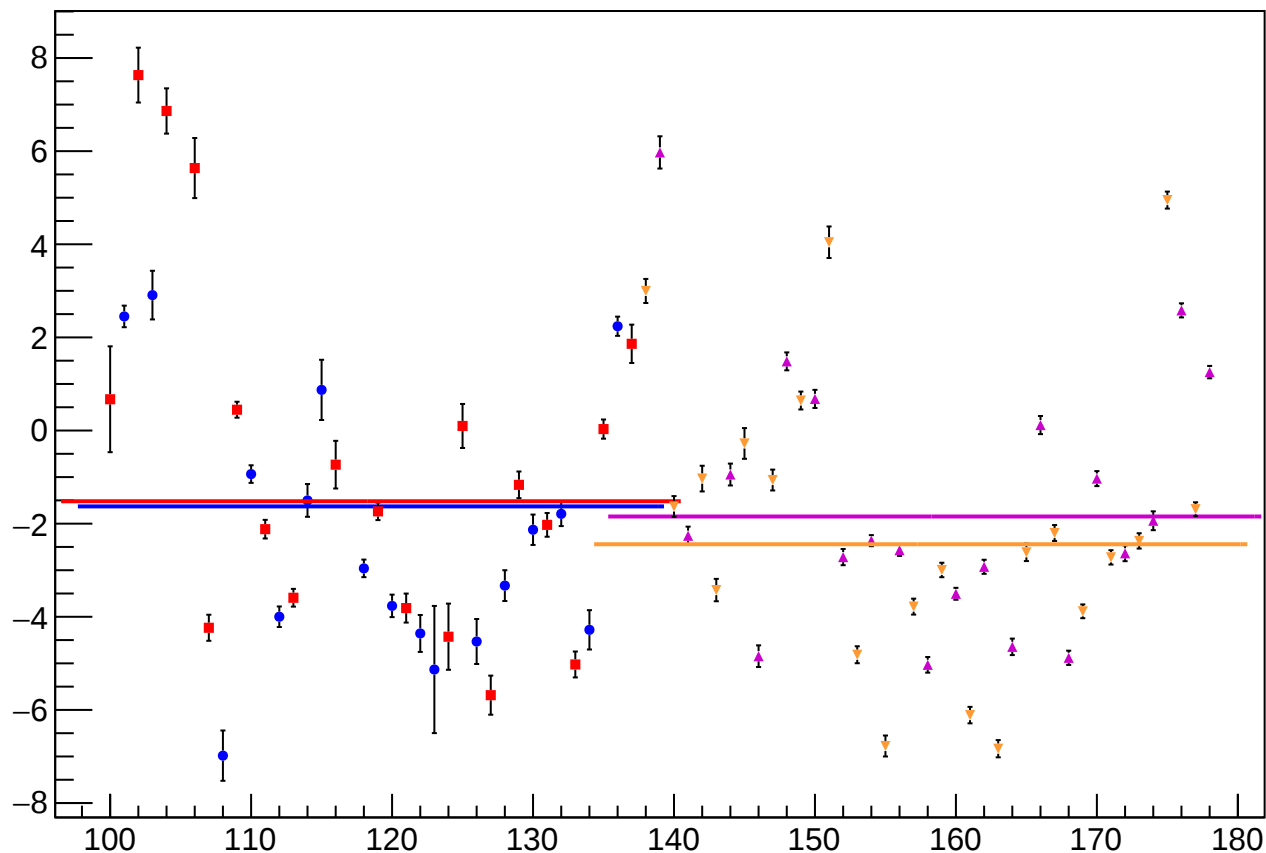
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 15.066 ± 0.039 χ^2/NDF : 65268.9/36

Out: 17.321 ± 0.043 χ^2/NDF : 106271.8/39

All: 16.089 ± 0.029 χ^2/NDF : 173022.5/76

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -2.442 ± 0.042 $\chi^2/\text{NDF}: 4575.5/20$

Right Out: -1.519 ± 0.065 $\chi^2/\text{NDF}: 1491.9/18$

Left In: -1.846 ± 0.037 $\chi^2/\text{NDF}: 4009.9/19$

Left: -2.109 ± 0.028 $\chi^2/\text{NDF}: 8700.4/40$

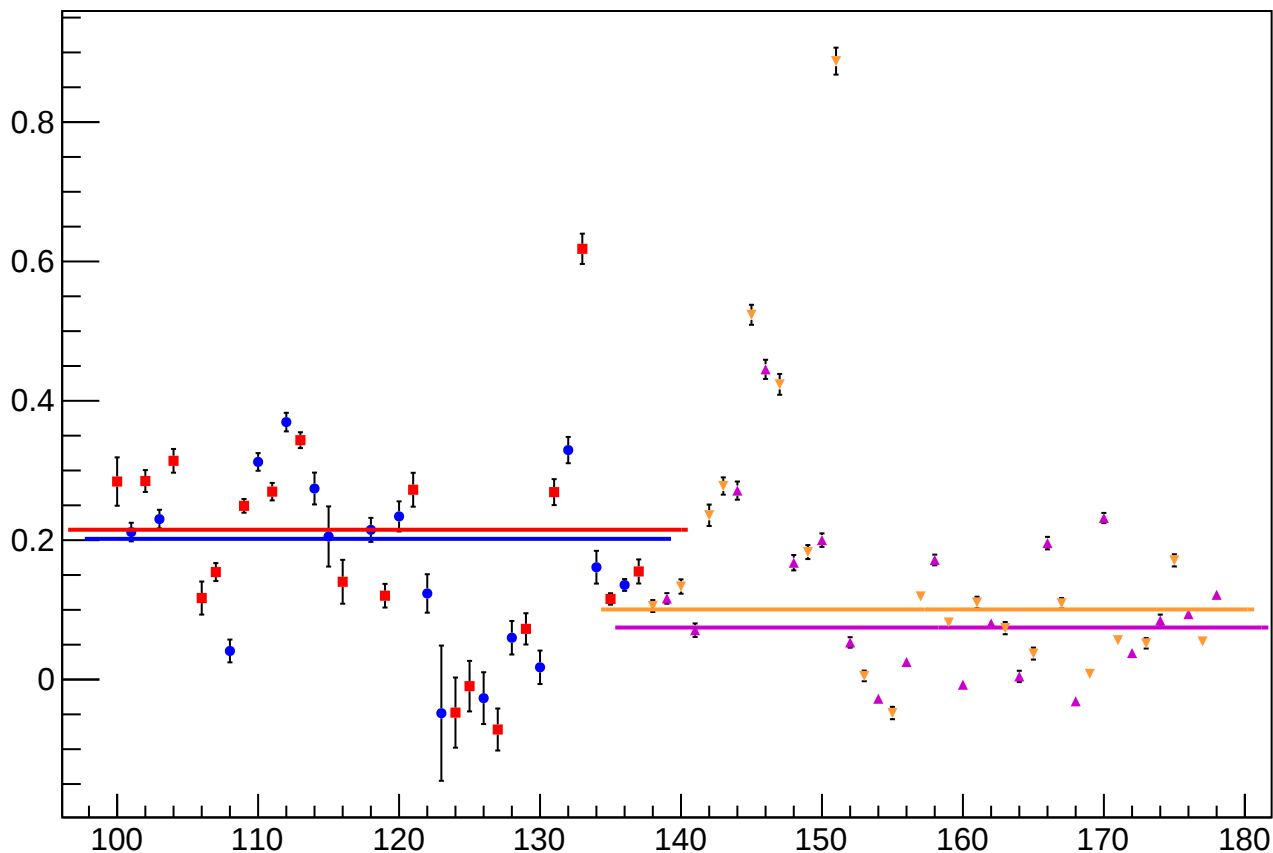
Right: -1.570 ± 0.048 $\chi^2/\text{NDF}: 2759.6/35$

In: -1.799 ± 0.033 $\chi^2/\text{NDF}: 5283.7/36$

Out: -2.176 ± 0.035 $\chi^2/\text{NDF}: 6209.7/39$

All: -1.974 ± 0.024 $\chi^2/\text{NDF}: 11555.4/76$

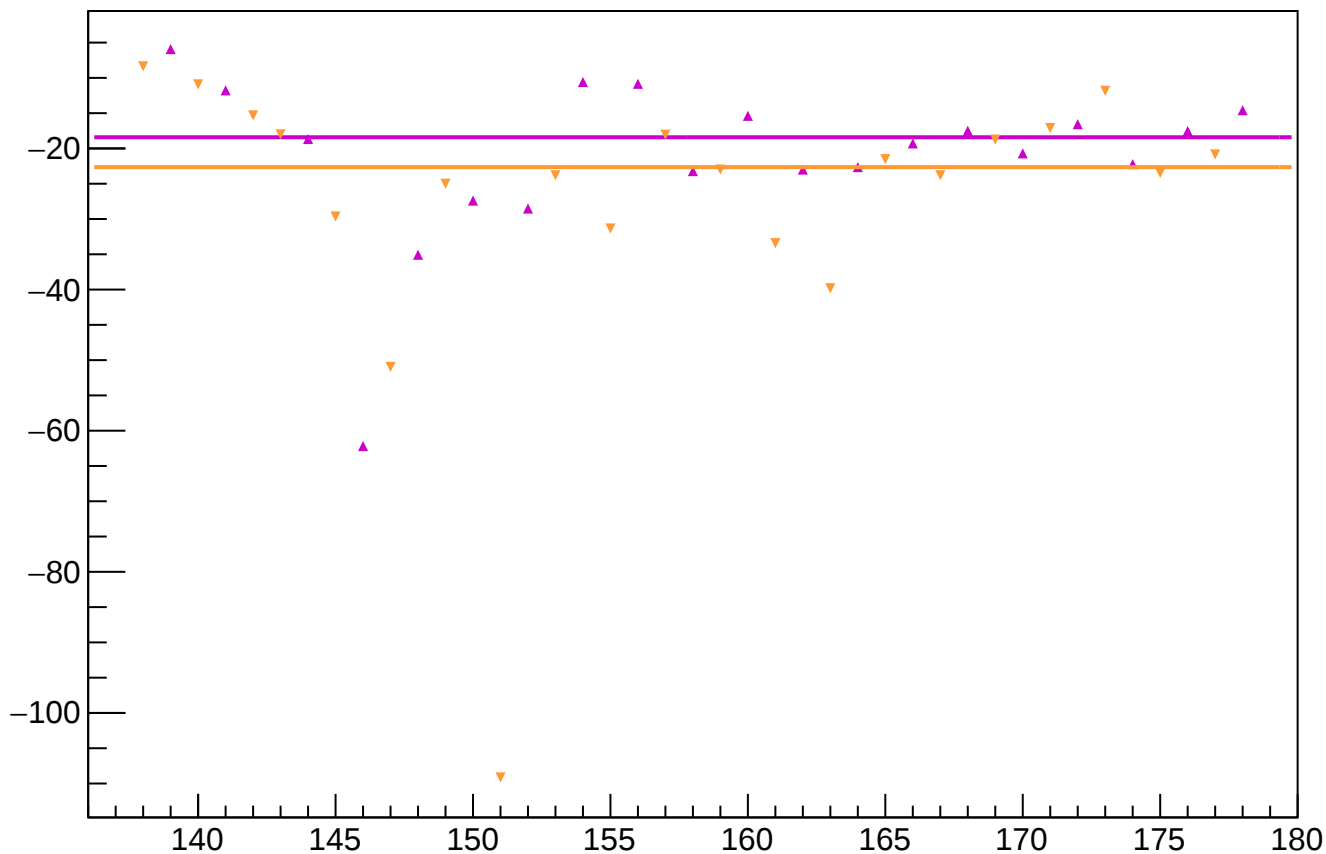
reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.086 ± 0.001 $\chi^2/\text{NDF}: 7621.7/40$
 Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1615.8/35$
 In: 0.092 ± 0.002 $\chi^2/\text{NDF}: 4686.4/36$
 Out: 0.124 ± 0.002 $\chi^2/\text{NDF}: 6035.1/39$
 All: 0.106 ± 0.001 $\chi^2/\text{NDF}: 10931.3/76$

Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$
 Left Out: 0.101 ± 0.002 $\chi^2/\text{NDF}: 4256.8/20$
 Right Out: 0.215 ± 0.004 $\chi^2/\text{NDF}: 1005.6/18$
 Left In: 0.075 ± 0.002 $\chi^2/\text{NDF}: 3253.7/19$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -22.650+/-0.049 χ^2/NDF : 62526.6/20

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

Left In: -18.416+/-0.043 χ^2/NDF : 39266.4/19

Left: -20.277+/-0.032 χ^2/NDF : 106004.4/40

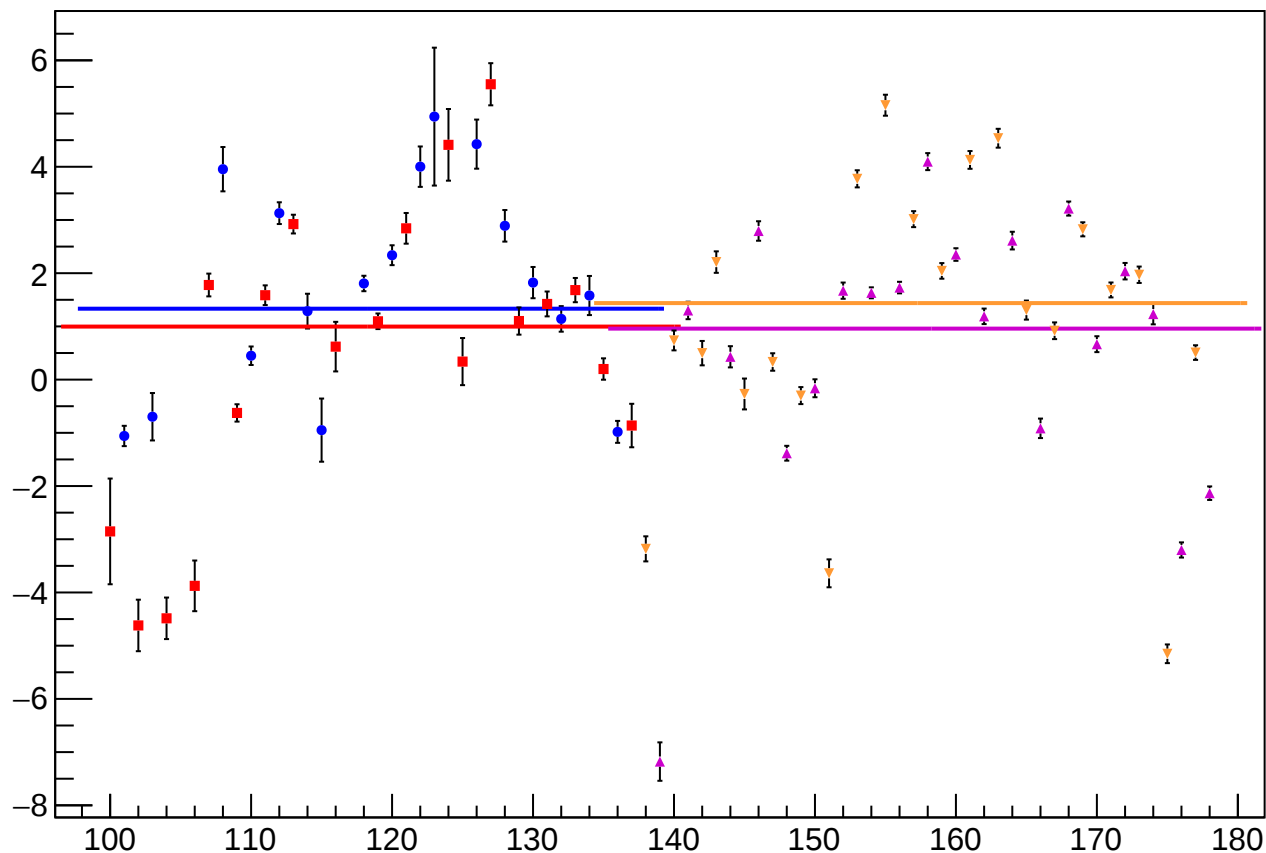
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.416+/-0.043 χ^2/NDF : 39266.4/19

Out: -22.650+/-0.049 χ^2/NDF : 62526.6/20

All: -20.277+/-0.032 χ^2/NDF : 106004.4/40

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: 1.438 $\pm$ 0.037 χ^2 /NDF:3853.2/20

Right Out: 0.997 $\pm$ 0.058 χ^2 /NDF: 945.3/18

Left In: 0.958 $\pm$ 0.033 χ^2 /NDF:3579.9/19

Left: 1.170 $\pm$ 0.025 χ^2 /NDF: 7526.0/40

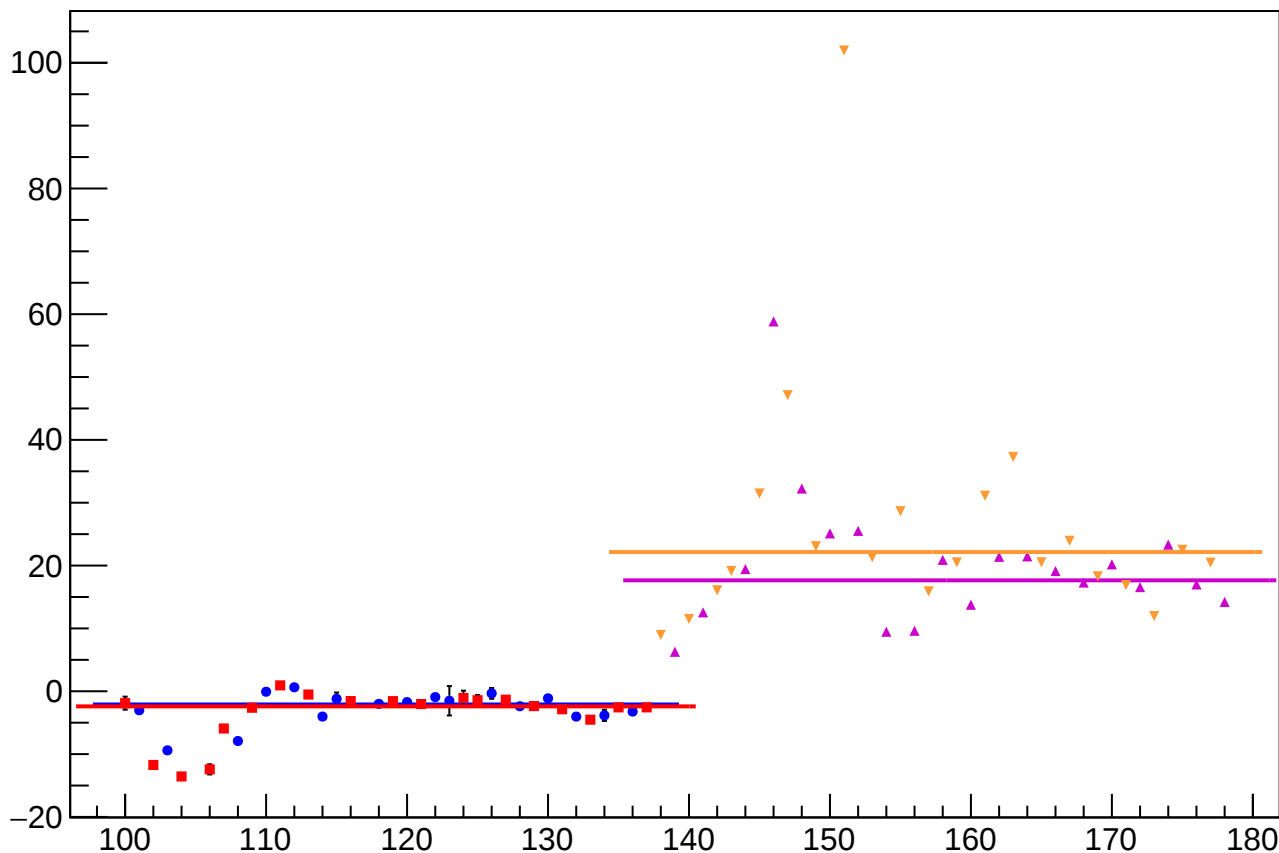
Right: 1.156 $\pm$ 0.042 χ^2 /NDF: 1595.8/35

In: 1.043 $\pm$ 0.029 χ^2 /NDF:4243.5/36

Out: 1.309 $\pm$ 0.031 χ^2 /NDF:4839.6/39

All: 1.167 $\pm$ 0.021 χ^2 /NDF: 9121.9/76

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 22.154 ± 0.048 χ^2/NDF : 55719.5/20

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 17.648 ± 0.042 χ^2/NDF : 37169.4/19

Left: 19.604 ± 0.032 χ^2/NDF : 97784.8/40

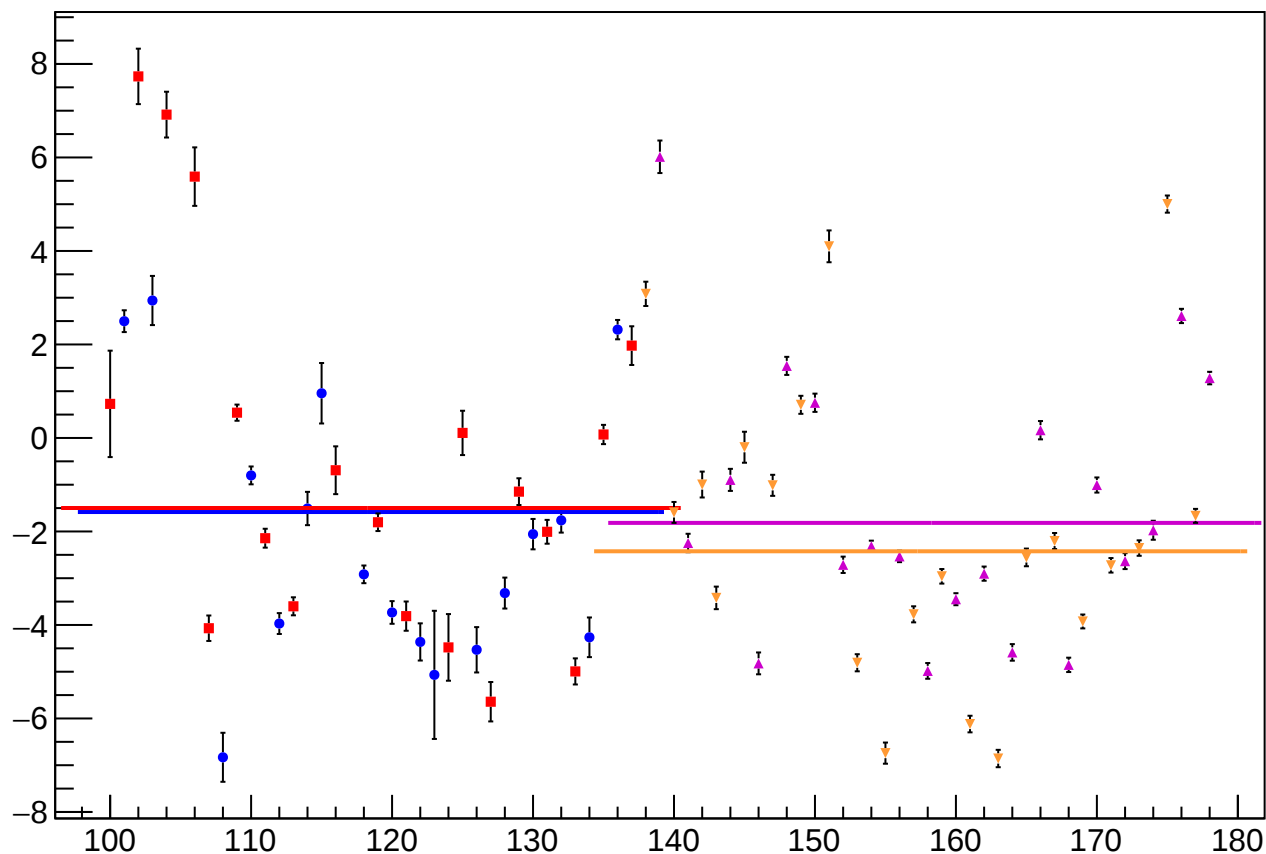
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 15.125 ± 0.040 χ^2/NDF : 65290.8/36

Out: 17.393 ± 0.043 χ^2/NDF : 106439.3/39

All: 16.154 ± 0.029 χ^2/NDF : 173216.6/76

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.424 ± 0.042 χ^2/NDF : 4603.9/20

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -1.817 ± 0.037 χ^2/NDF : 3975.4/19

Left: -2.085 ± 0.028 χ^2/NDF : 8697.7/40

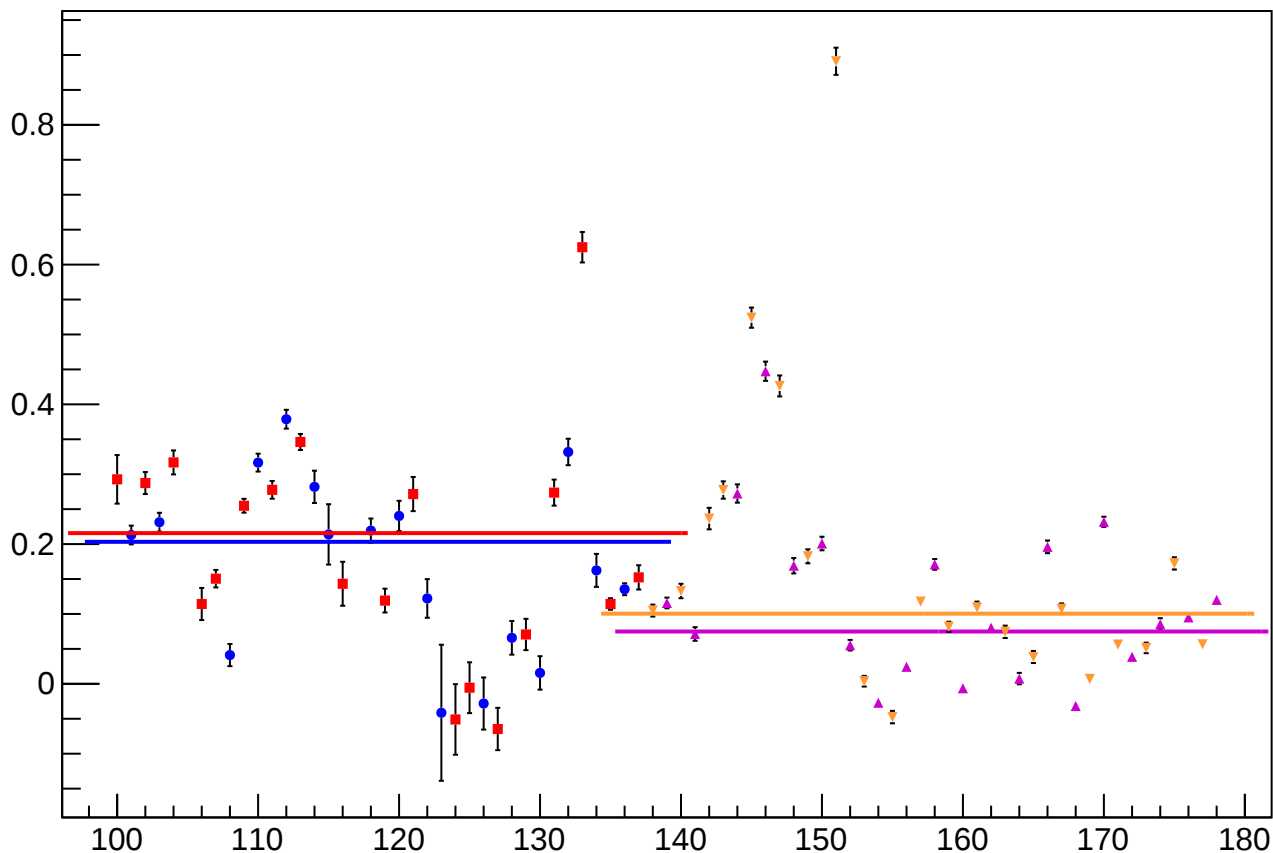
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.766 ± 0.033 χ^2/NDF : 5256.0/36

Out: -2.157 ± 0.035 χ^2/NDF : 6249.7/39

All: -1.948 ± 0.024 χ^2/NDF : 11571.7/76

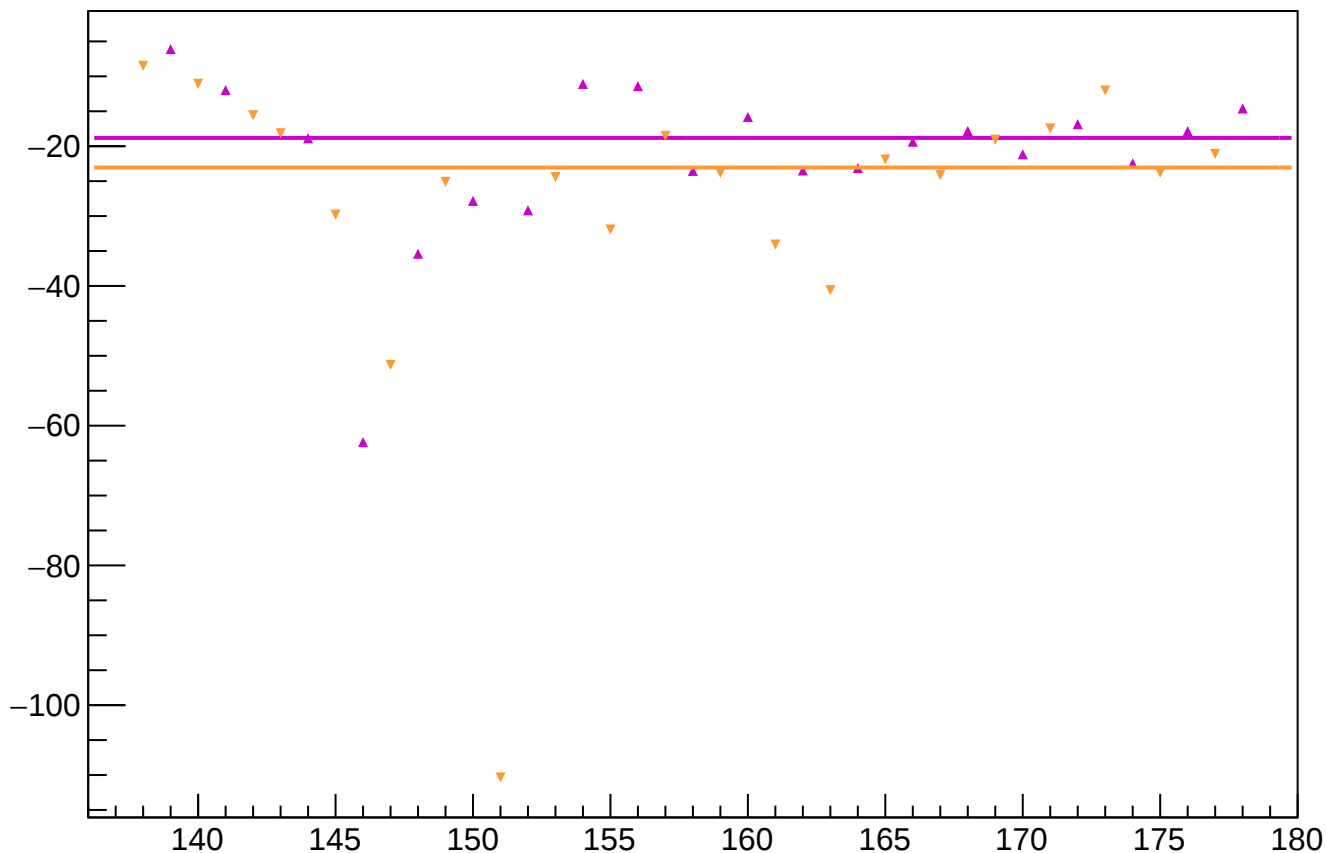
reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16
 Left Out: 0.100 ± 0.002 χ^2/NDF : 4241.5/20
 Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18
 Left In: 0.075 ± 0.002 χ^2/NDF : 3228.4/19

Left: 0.086 ± 0.001 χ^2/NDF : 7576.7/40
 Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35
 In: 0.092 ± 0.002 χ^2/NDF : 4697.6/36
 Out: 0.124 ± 0.002 χ^2/NDF : 6060.6/39
 All: 0.106 ± 0.001 χ^2/NDF : 10962.6/76

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: -23.045+/-0.050 χ^2/NDF : 62389.6/20

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

Left In: -18.812+/-0.044 χ^2/NDF : 38296.3/19

Left: -20.678+/-0.033 χ^2/NDF : 104720.9/40

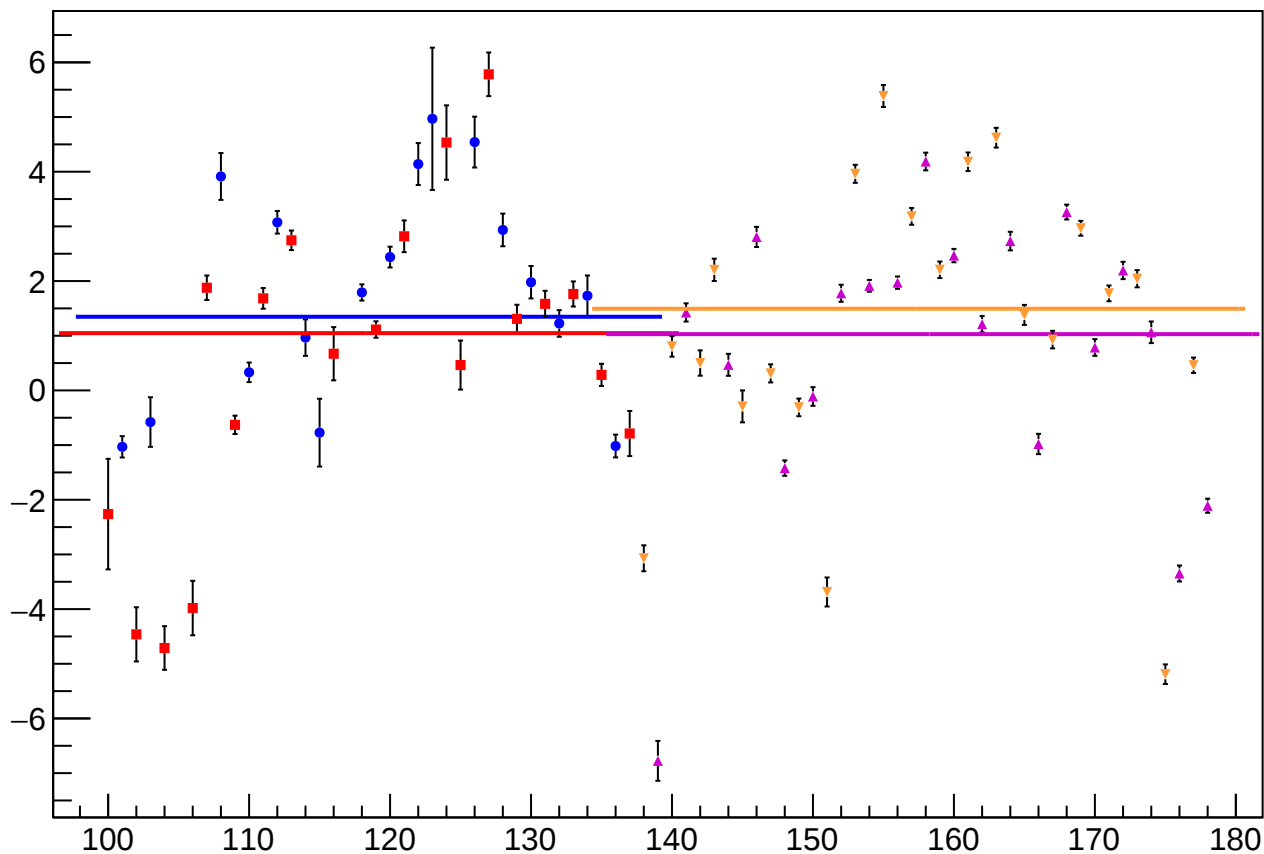
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.812+/-0.044 χ^2/NDF : 38296.3/19

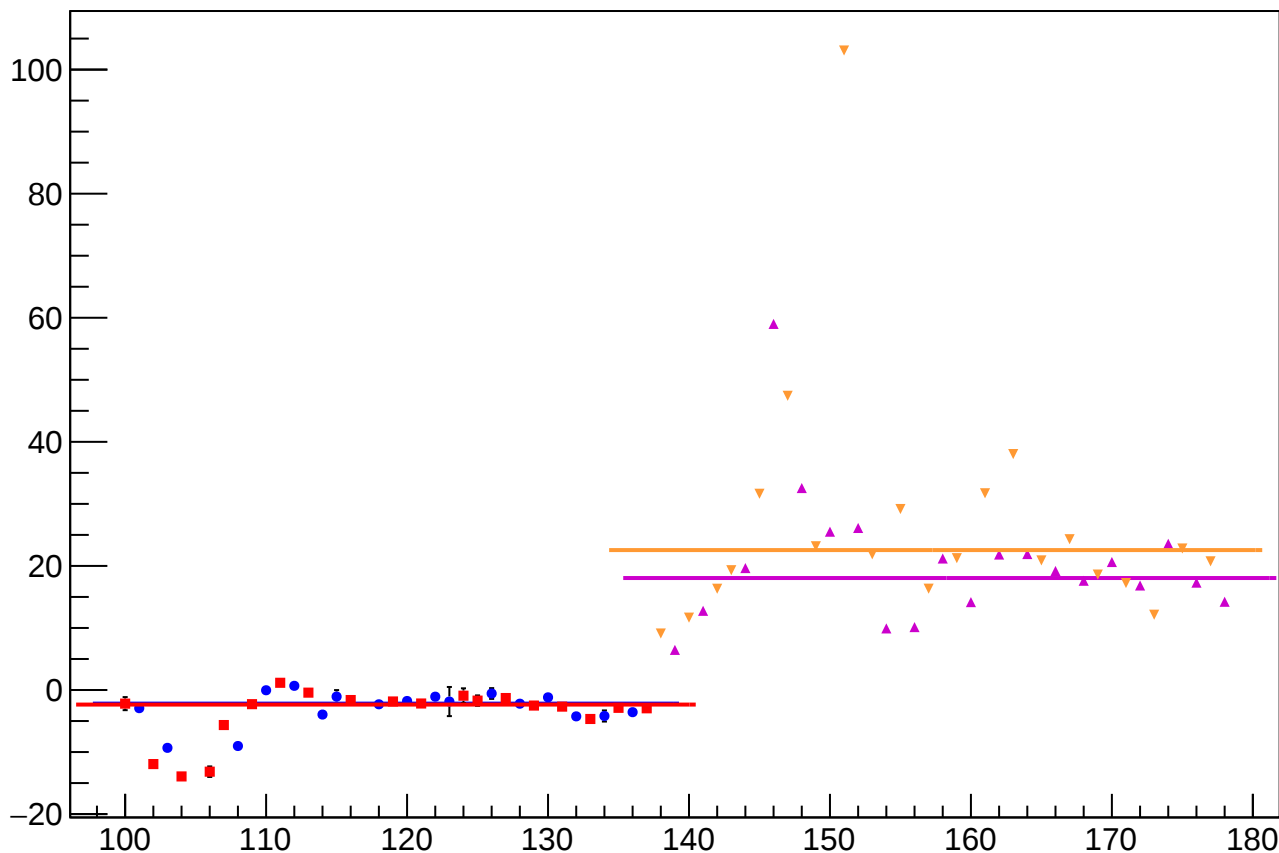
Out: -23.045+/-0.050 χ^2/NDF : 62389.6/20

All: -20.678+/-0.033 χ^2/NDF : 104720.9/40

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 22.553 ± 0.049 χ^2/NDF : 55475.2/20

Right Out: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 18.049 ± 0.043 χ^2/NDF : 36034.1/19

Left: 20.011 ± 0.033 χ^2/NDF : 96197.3/40

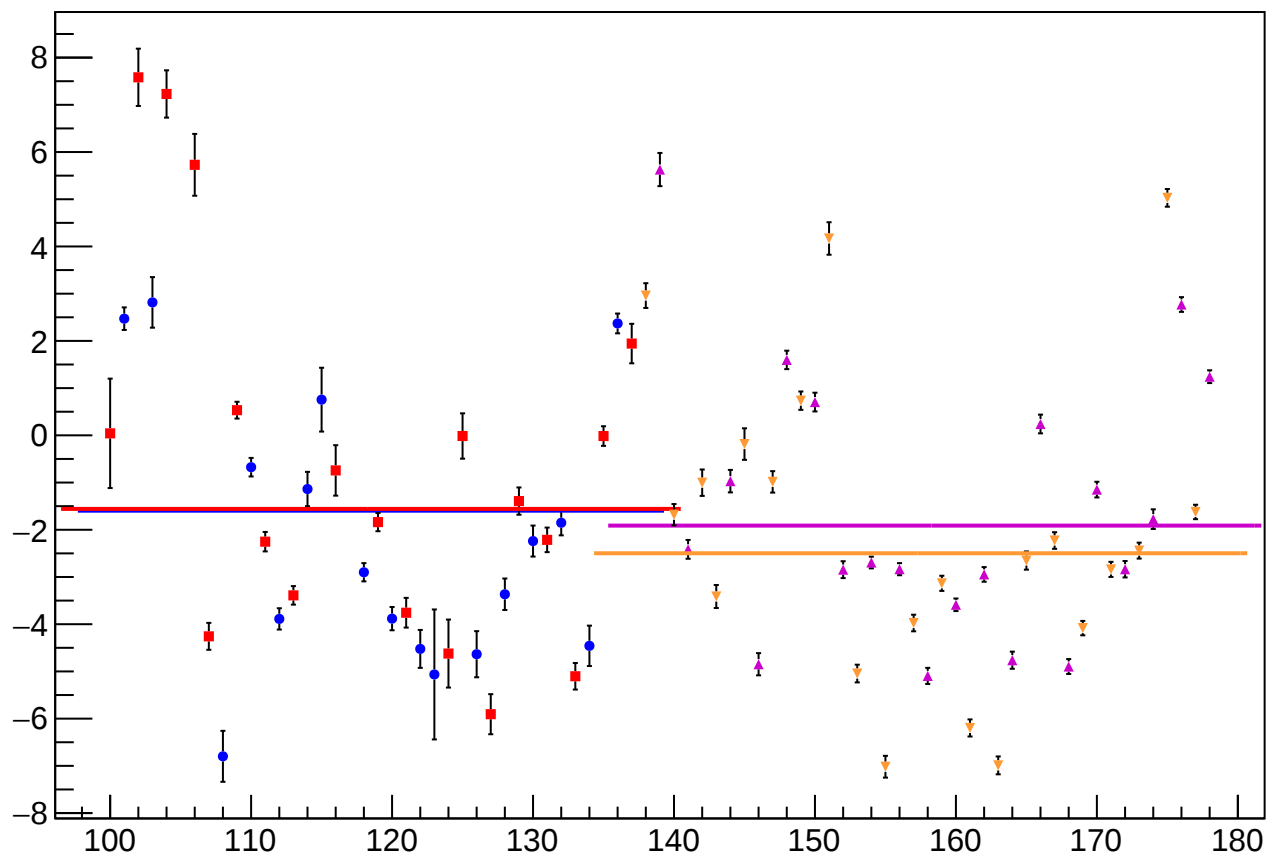
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 15.439 ± 0.041 χ^2/NDF : 64525.3/36

Out: 17.733 ± 0.044 χ^2/NDF : 105526.4/39

All: 16.482 ± 0.030 χ^2/NDF : 171508.3/76

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: -2.497 ± 0.043 χ^2/NDF : 4634.2/20

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -1.912 ± 0.038 χ^2/NDF : 4020.8/19

Left: -2.171 ± 0.028 χ^2/NDF : 8760.4/40

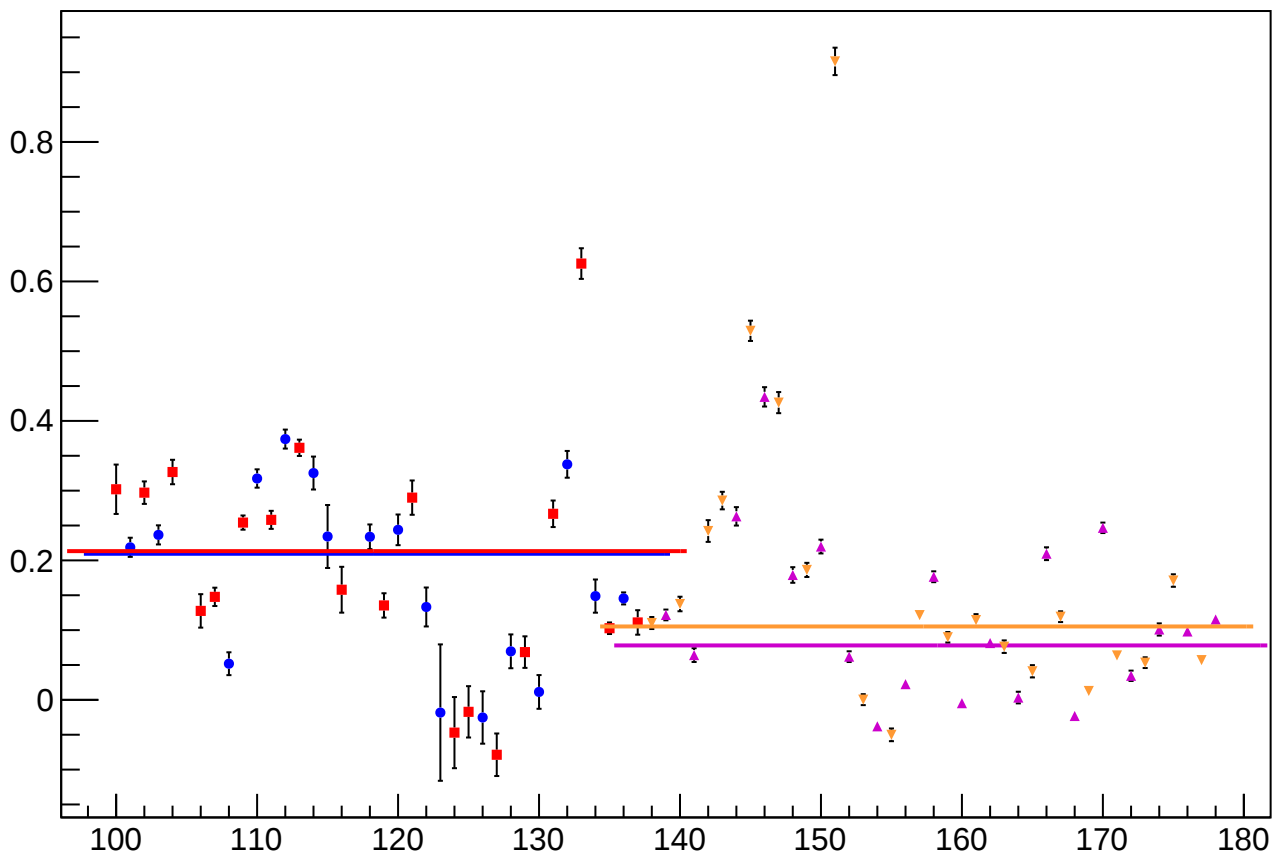
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.843 ± 0.034 χ^2/NDF : 5291.4/36

Out: -2.226 ± 0.036 χ^2/NDF : 6238.4/39

All: -2.021 ± 0.025 χ^2/NDF : 11590.8/76

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.105 ± 0.002 $\chi^2/\text{NDF}: 4269.7/20$

Right Out: 0.213 ± 0.004 $\chi^2/\text{NDF}: 1103.2/18$

Left In: 0.078 ± 0.002 $\chi^2/\text{NDF}: 3306.6/19$

Left: 0.090 ± 0.001 $\chi^2/\text{NDF}: 7692.1/40$

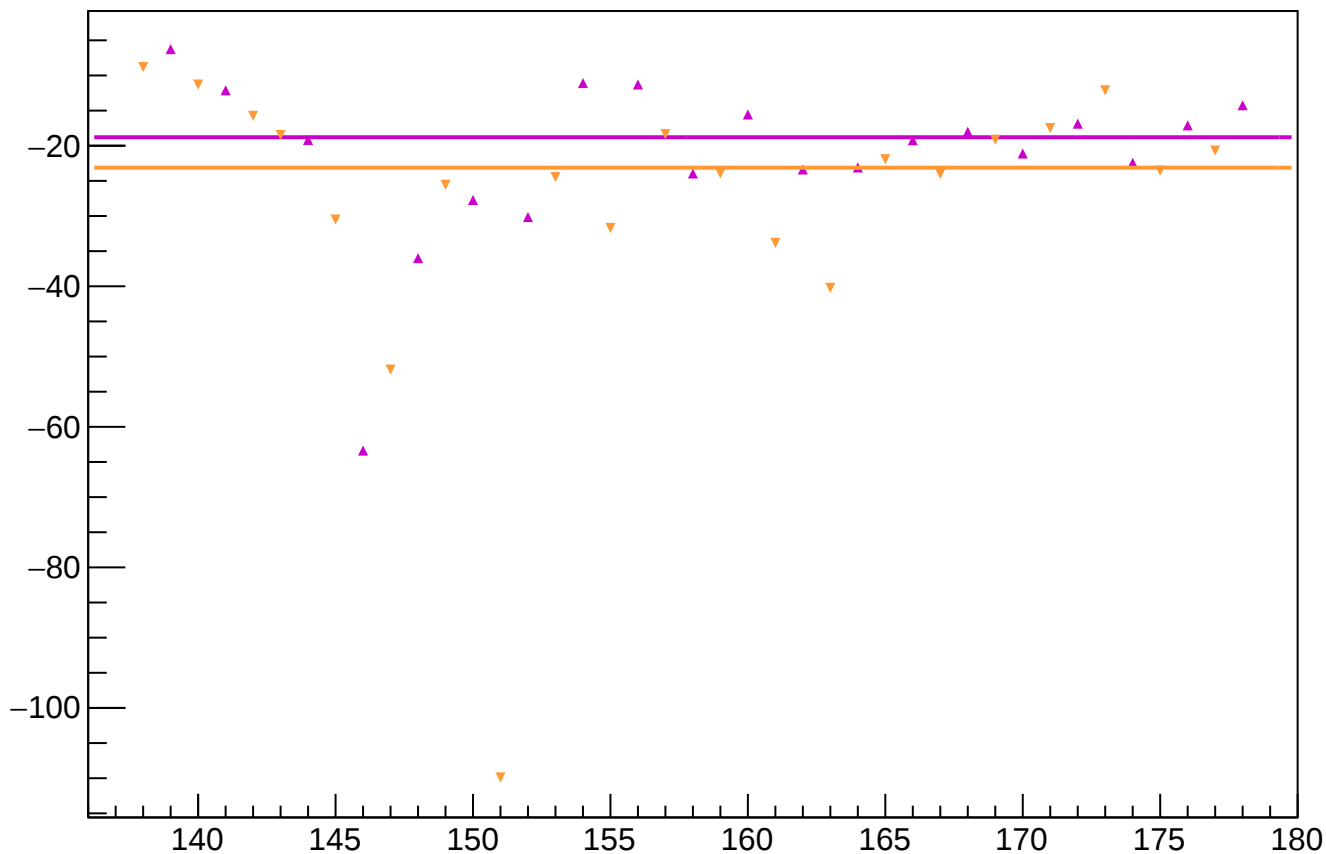
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1701.4/35$

In: 0.096 ± 0.002 $\chi^2/\text{NDF}: 4749.8/36$

Out: 0.127 ± 0.002 $\chi^2/\text{NDF}: 6031.3/39$

All: 0.110 ± 0.001 $\chi^2/\text{NDF}: 10971.2/76$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.126+/-0.050 χ^2/NDF : 61246.7/20

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

Left In: -18.791+/-0.045 χ^2/NDF : 38863.4/19

Left: -20.700+/-0.033 χ^2/NDF : 104284.6/40

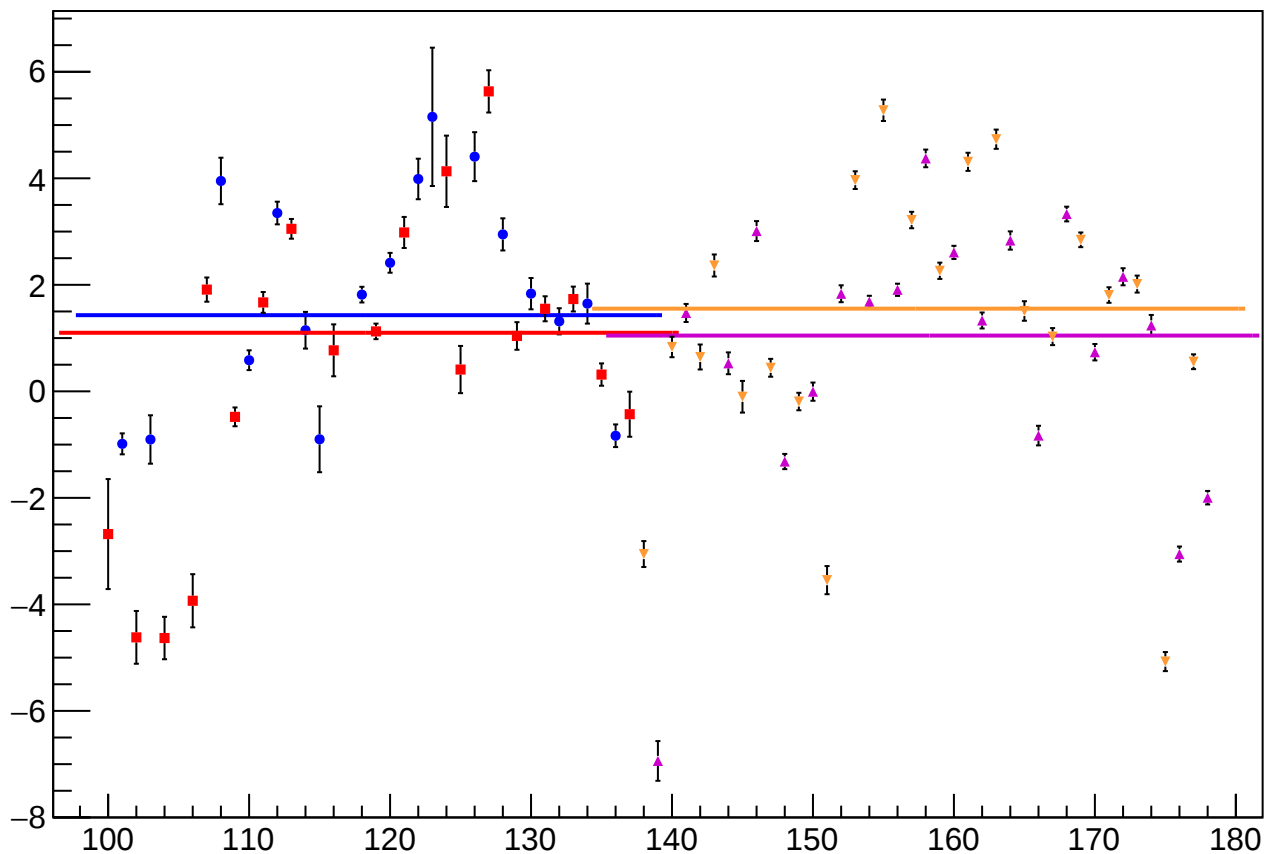
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.791+/-0.045 χ^2/NDF : 38863.4/19

Out: -23.126+/-0.050 χ^2/NDF : 61246.7/20

All: -20.700+/-0.033 χ^2/NDF : 104284.6/40

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 1.553 ± 0.038 χ^2/NDF : 3756.2/20

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 1.047 ± 0.034 χ^2/NDF : 3523.6/19

Left: 1.272 ± 0.025 χ^2/NDF : 7377.0/40

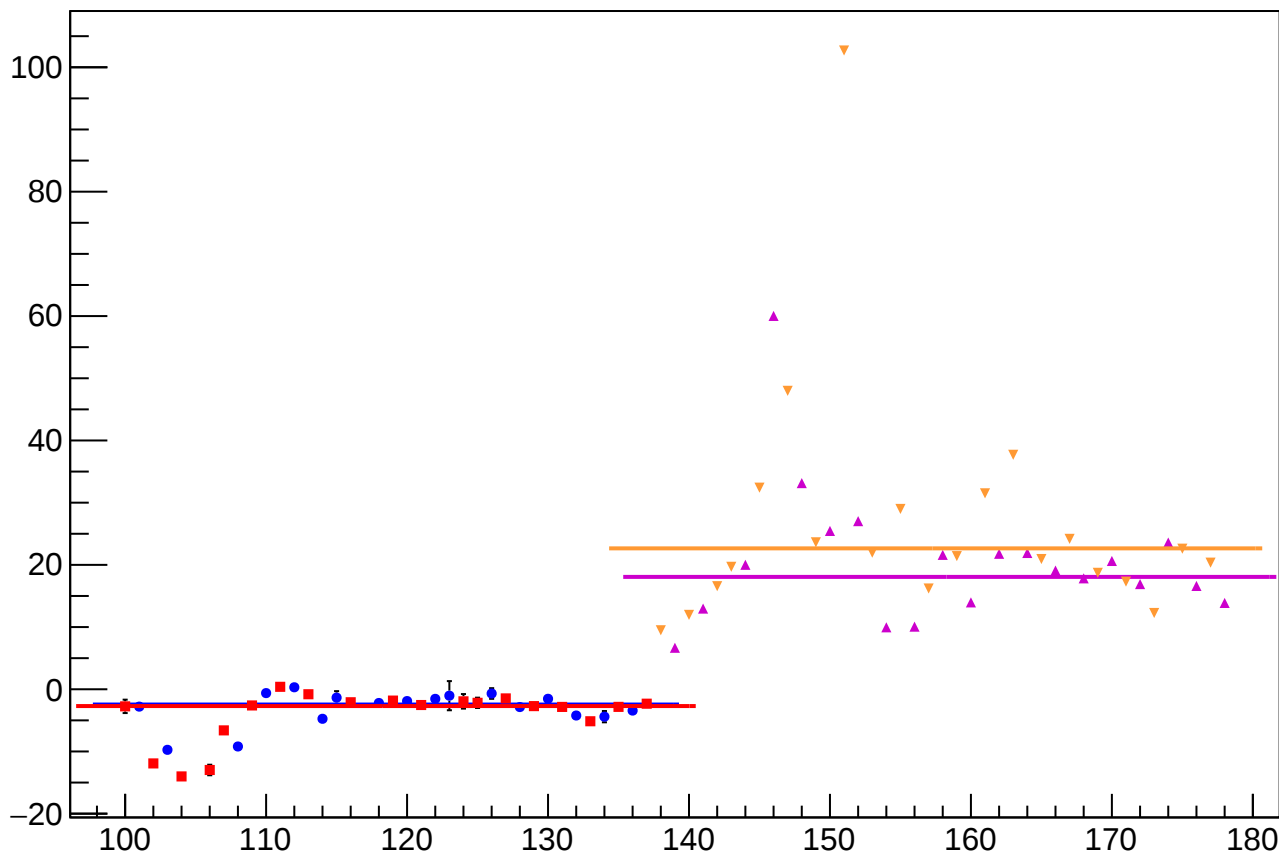
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.135 ± 0.030 χ^2/NDF : 4150.3/36

Out: 1.422 ± 0.032 χ^2/NDF : 4697.8/39

All: 1.268 ± 0.022 χ^2/NDF : 8890.6/76

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: 22.653 ± 0.050 χ^2/NDF : 54575.1/20

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.067 ± 0.044 χ^2/NDF : 36590.1/19

Left: 20.064 ± 0.033 χ^2/NDF : 95958.6/40

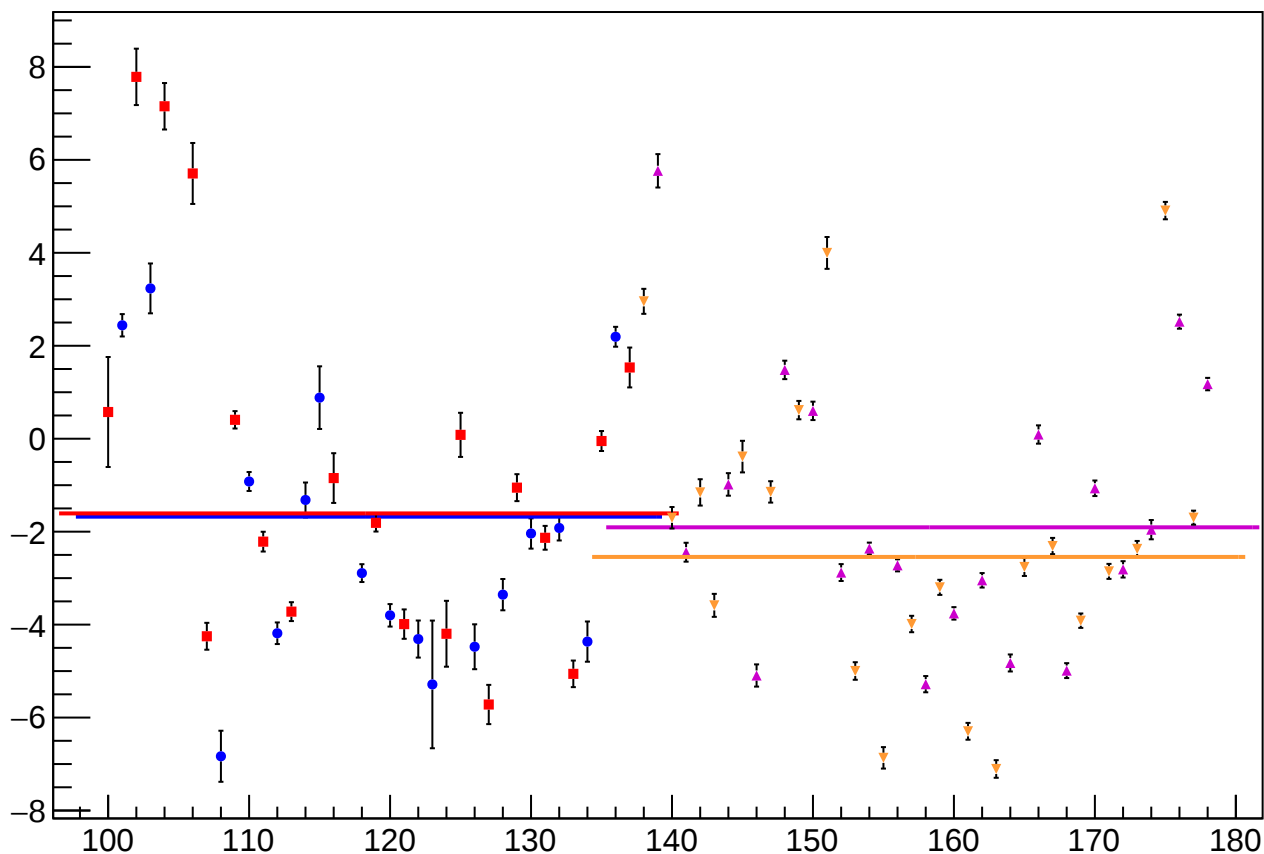
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 15.459 ± 0.041 χ^2/NDF : 65025.5/36

Out: 17.861 ± 0.045 χ^2/NDF : 104458.6/39

All: 16.549 ± 0.030 χ^2/NDF : 171053.3/76

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -2.544 ± 0.043 χ^2/NDF : 4482.8/20

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -1.906 ± 0.038 χ^2/NDF : 3966.8/19

Left: -2.189 ± 0.029 χ^2/NDF : 8572.5/40

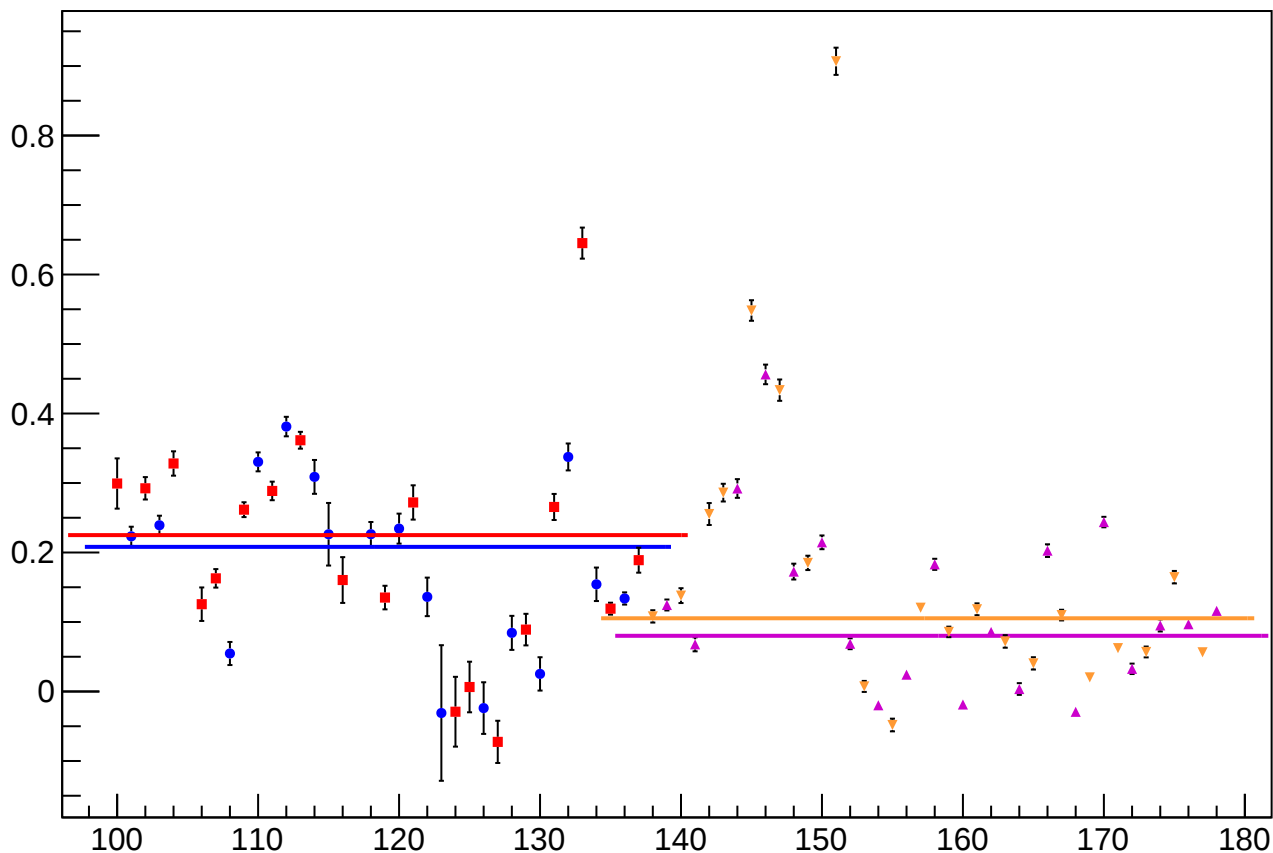
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.856 ± 0.034 χ^2/NDF : 5179.4/36

Out: -2.277 ± 0.036 χ^2/NDF : 6049.5/39

All: -2.052 ± 0.025 χ^2/NDF : 11300.7/76

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16
 Left Out: 0.105 ± 0.002 χ^2/NDF : 4233.6/20
 Right Out: 0.225 ± 0.004 χ^2/NDF : 1000.0/18
 Left In: 0.080 ± 0.002 χ^2/NDF : 3273.1/19

Left: 0.091 ± 0.001 χ^2/NDF : 7604.7/40
 Right: 0.217 ± 0.003 χ^2/NDF : 1609.0/35
 In: 0.097 ± 0.002 χ^2/NDF : 4654.2/36
 Out: 0.129 ± 0.002 χ^2/NDF : 6013.6/39
 All: 0.112 ± 0.001 χ^2/NDF : 10860.5/76