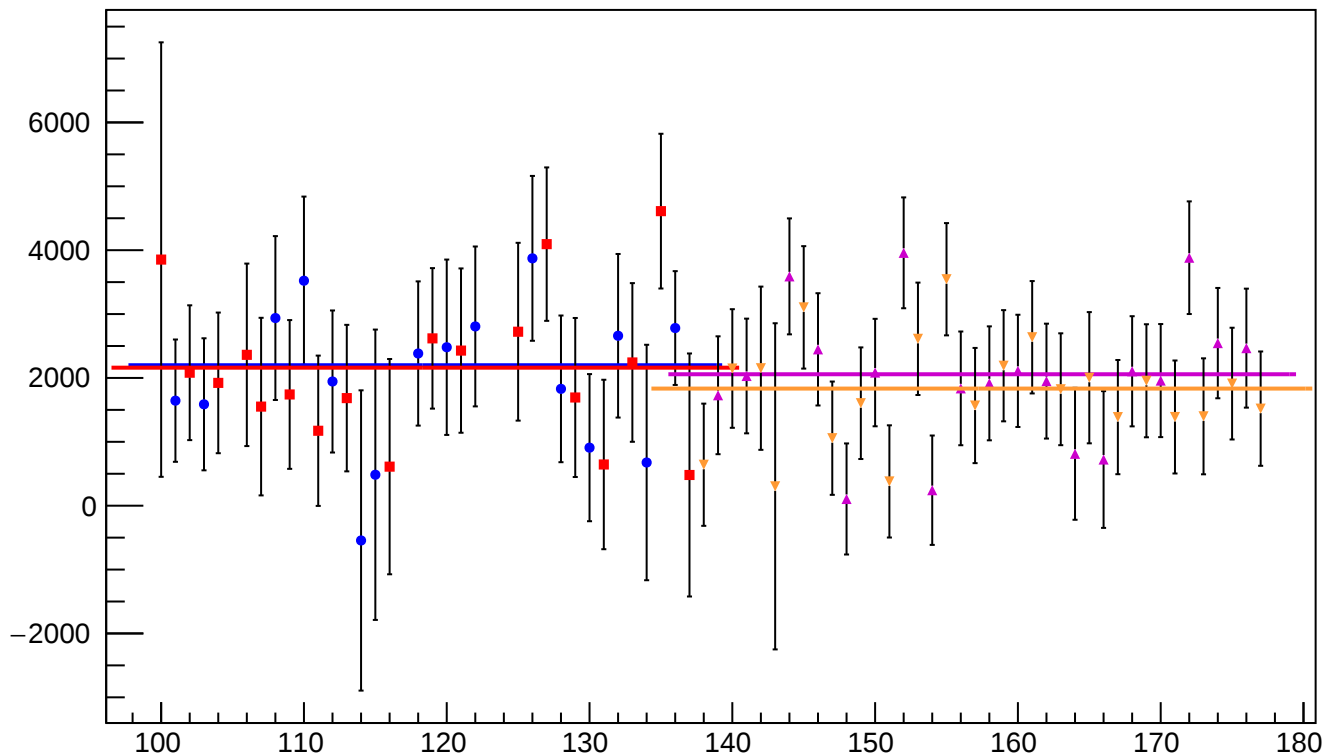
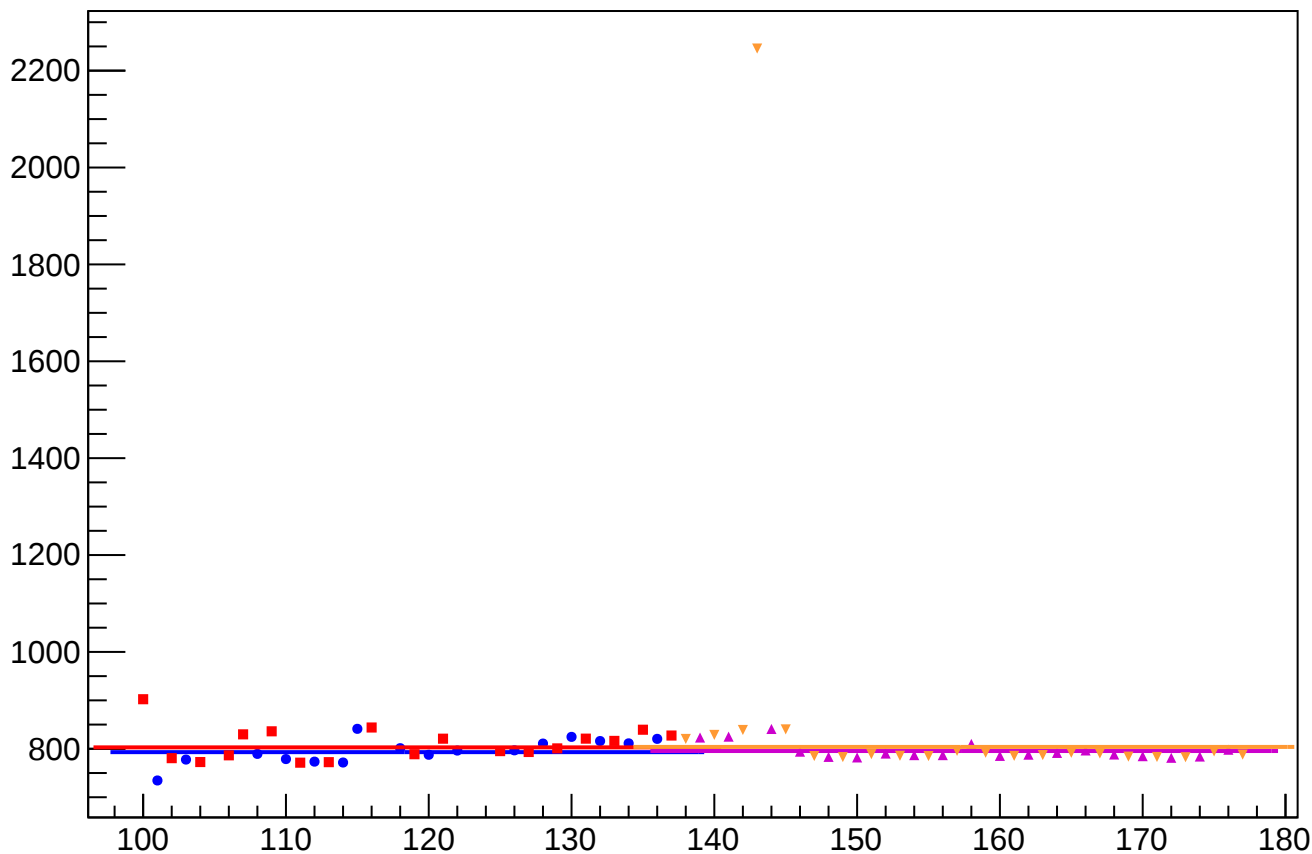


dit_asym_us_avg_mean vs Slug, Sign Corrected



dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 803.870+/-0.144 χ^2/NDF : 655580.2/20

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

Left In: 795.403+/-0.146 χ^2/NDF : 12640.1/18

Left: 799.692+/-0.102 χ^2/NDF : 669935.4/39

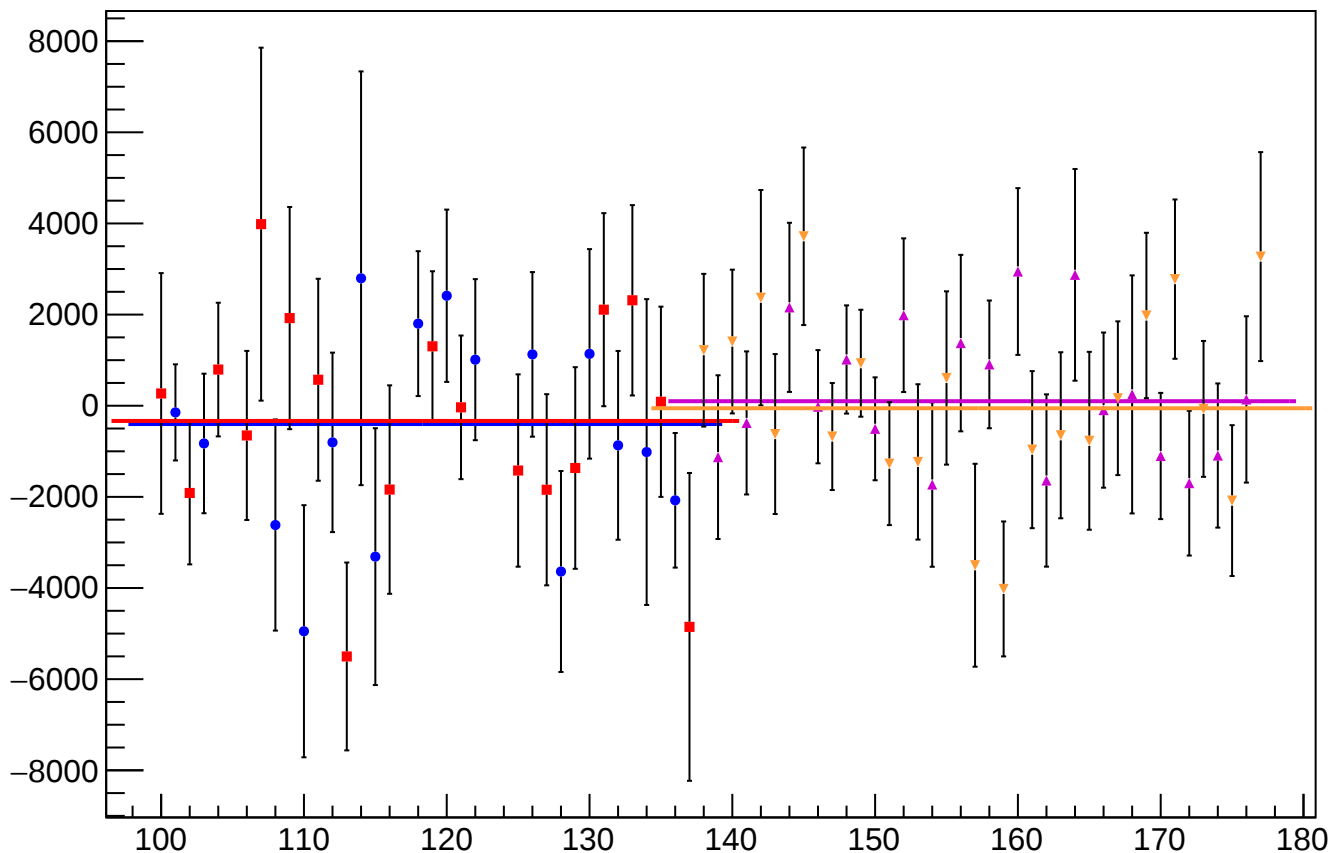
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 794.685+/-0.121 χ^2/NDF : 27421.5/34

Out: 803.584+/-0.119 χ^2/NDF : 670038.5/38

All: 799.189+/-0.085 χ^2/NDF : 700204.9/73

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 ± 468.669 $\chi^2/\text{NDF}: 14.8/15$

Left Out: -55.334 ± 360.531 $\chi^2/\text{NDF}: 26.3/20$

Right Out: -333.998 ± 478.476 $\chi^2/\text{NDF}: 17.5/17$

Left In: 99.570 ± 366.240 $\chi^2/\text{NDF}: 13.0/18$

Left: 20.901 ± 256.929 $\chi^2/\text{NDF}: 39.5/39$

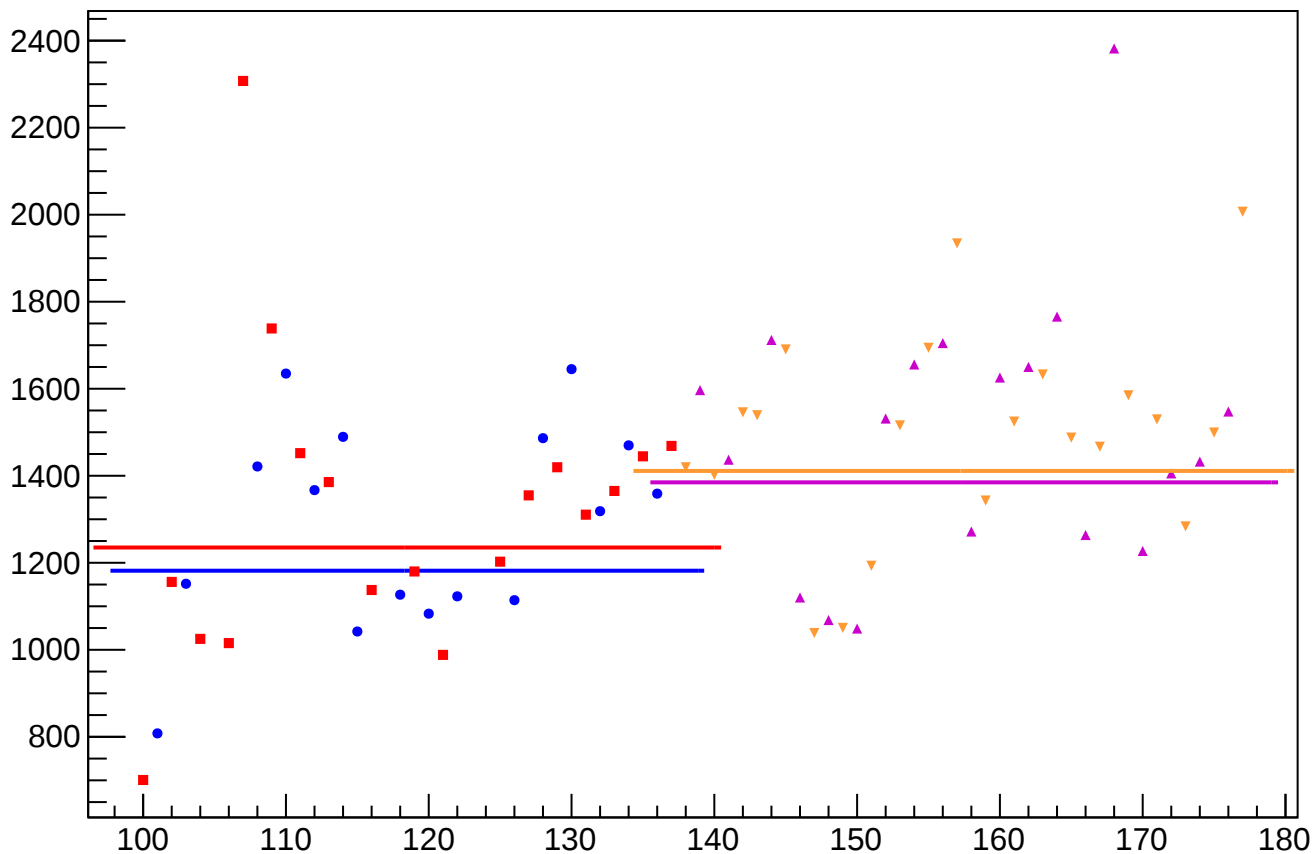
Right: -368.430 ± 334.812 $\chi^2/\text{NDF}: 32.3/33$

In: -90.390 ± 288.578 $\chi^2/\text{NDF}: 28.6/34$

Out: -156.252 ± 287.941 $\chi^2/\text{NDF}: 44.0/38$

All: -123.394 ± 203.830 $\chi^2/\text{NDF}: 72.6/73$

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: 1384.846 $\pm$ 0.259 χ^2 /NDF: 1103528.6/18

Left: 1398.169 $\pm$ 0.182 χ^2 /NDF: 2002438.9/39

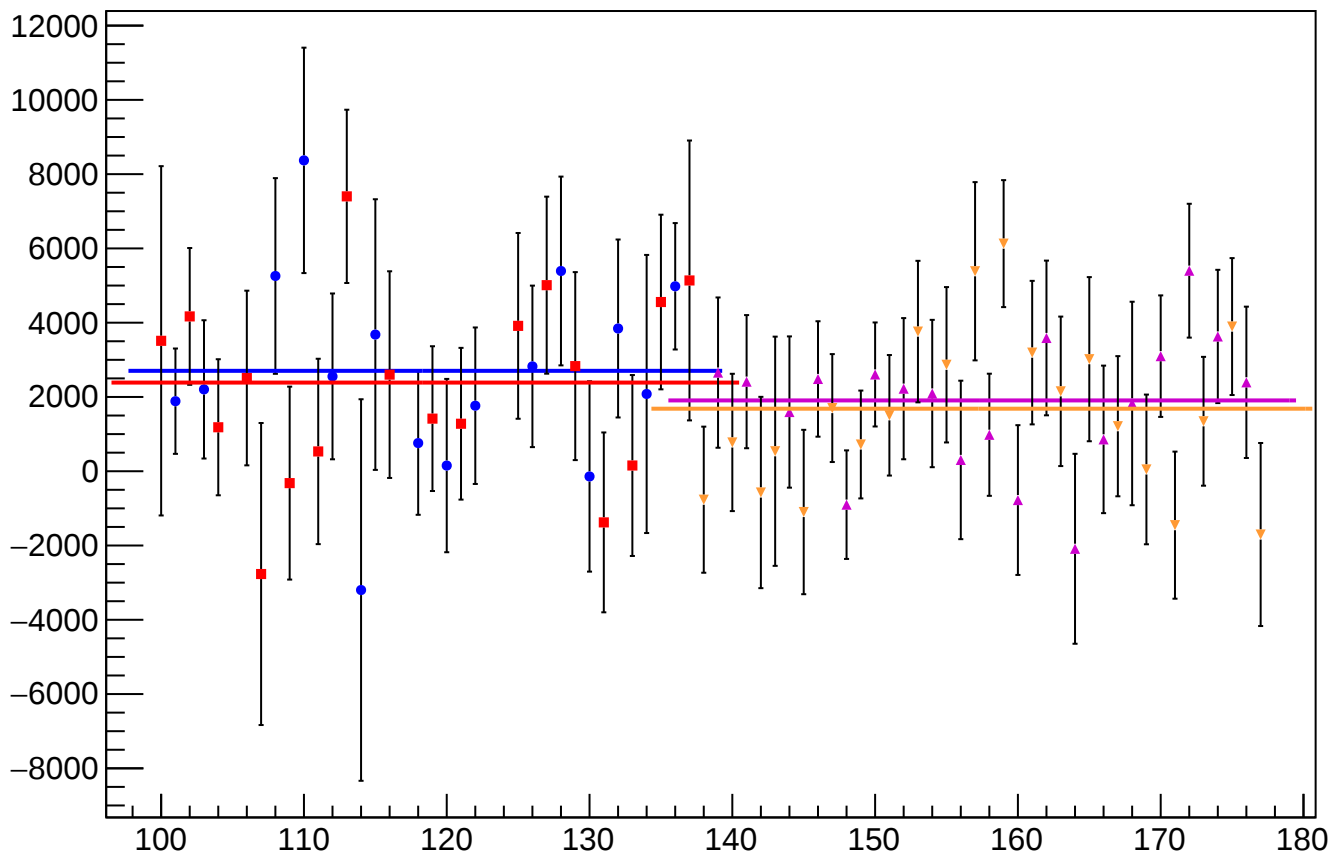
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1307.851 $\pm$ 0.204 χ^2 /NDF: 1880166.2/34

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

All: 1327.642 $\pm$ 0.144 χ^2 /NDF: 3505467.2/73

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: 1907.018 $\pm$ 424.180 χ^2/NDF : 15.6/18

Left: 1794.582 $\pm$ 298.694 χ^2/NDF : 38.8/39

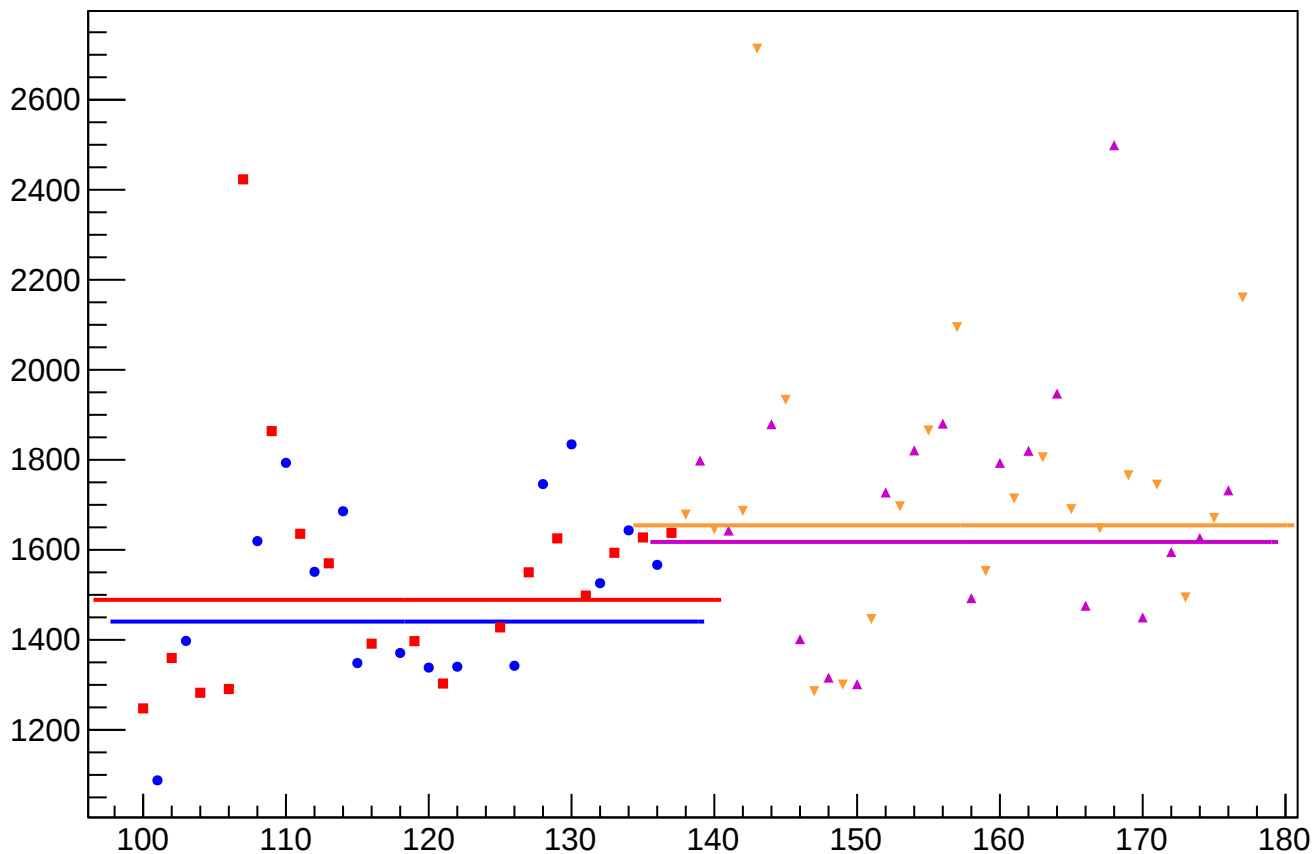
Right: 2546.843 $\pm$ 400.838 χ^2/NDF : 29.3/33

In: 2194.514 $\pm$ 339.113 χ^2/NDF : 29.9/34

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

All: 2063.163 $\pm$ 239.509 χ^2/NDF : 70.3/73

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: 1617.590 $\pm$ 0.300 χ^2 /NDF: 656680.9/18

Left: 1636.217 $\pm$ 0.211 χ^2 /NDF: 1433936.8/39

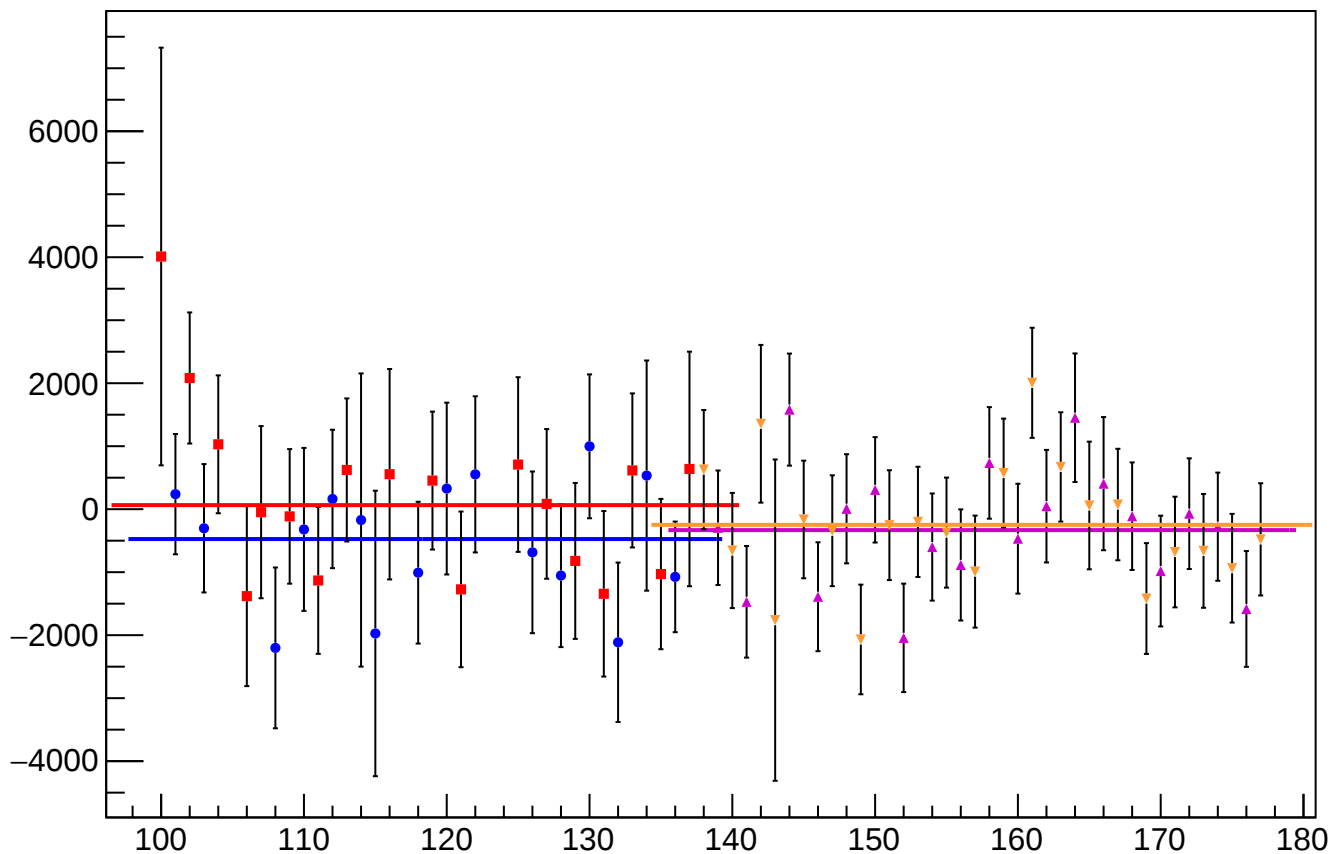
Right: 1464.596 $\pm$ 0.283 χ^2 /NDF: 546361.9/33

In: 1553.738 $\pm$ 0.240 χ^2 /NDF: 1064523.3/34

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

All: 1574.943 $\pm$ 0.169 χ^2 /NDF: 2216035.8/73

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -248.131±/201.170 χ^2/NDF :20.0/20

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

Left In: -332.274±/203.851 χ^2/NDF :20.7/18

Left: -289.646±/143.187 χ^2/NDF : 40.8/39

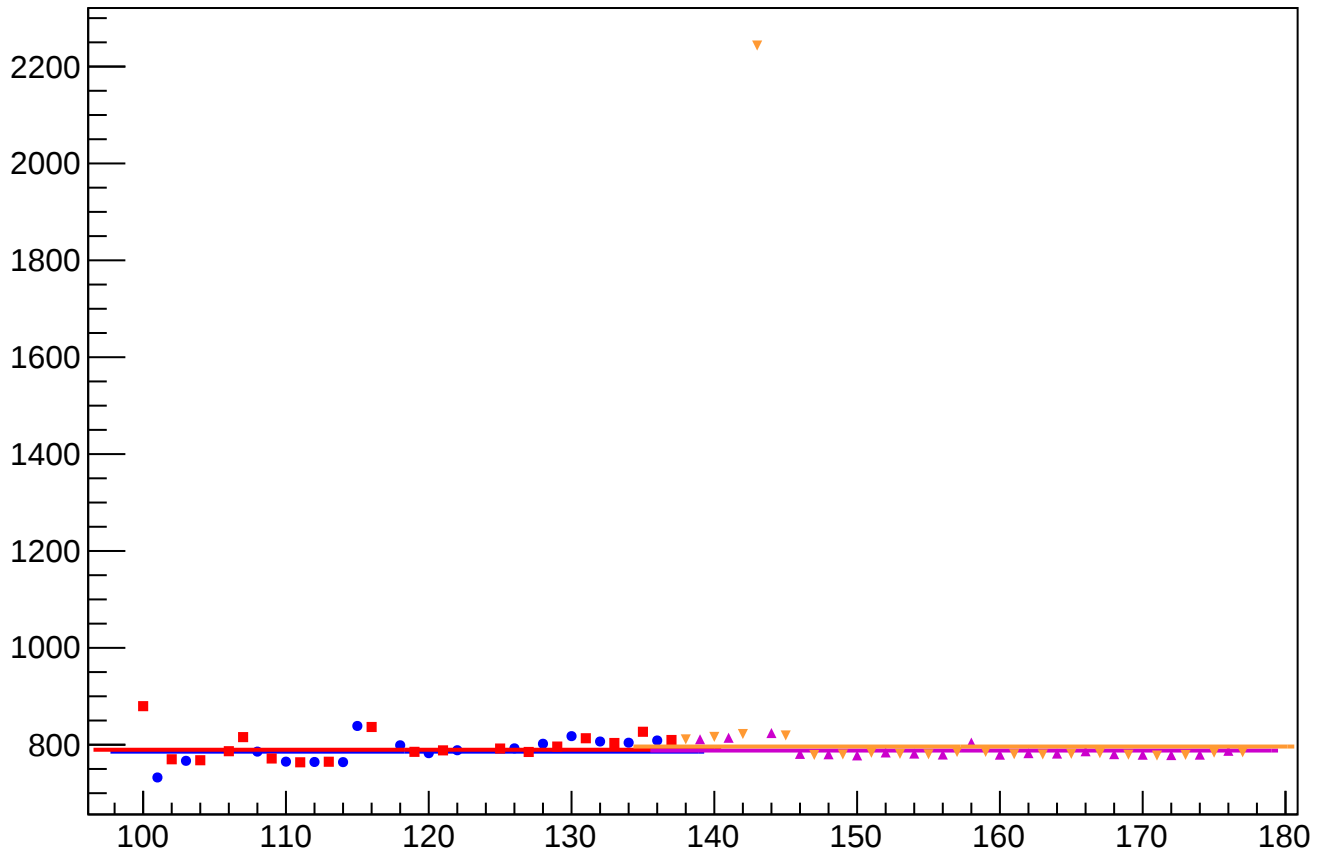
Right: -199.789±/212.921 χ^2/NDF : 23.2/33

In: -376.294±/169.294 χ^2/NDF :29.7/34

Out: -150.382±/166.803 χ^2/NDF :33.5/38

All: -261.663±/118.819 χ^2/NDF : 64.1/73

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: 788.030 $\pm$ 0.144 χ^2 /NDF: 9057.2/18

Left: 792.218 $\pm$ 0.101 χ^2 /NDF: 667369.6/39

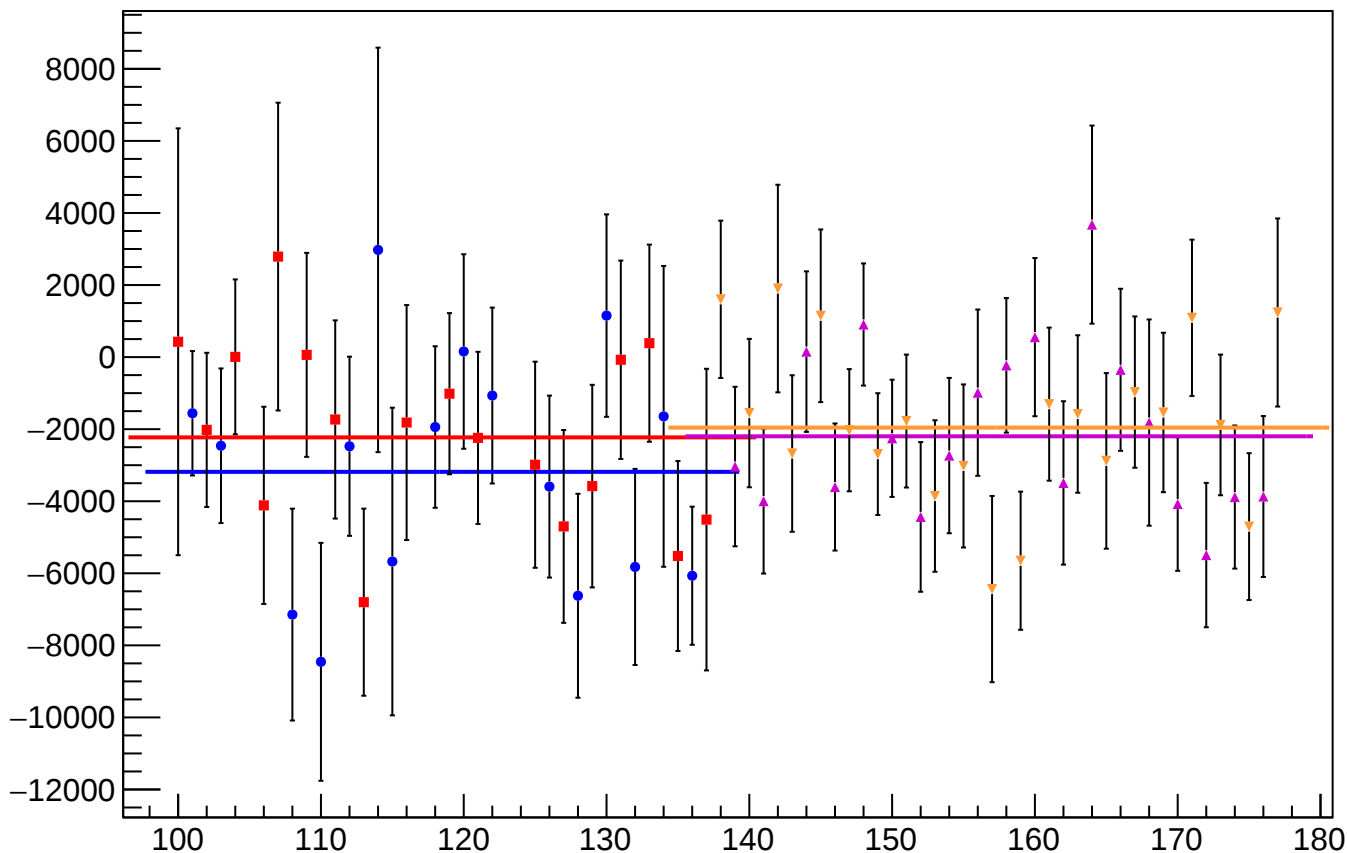
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 787.321 $\pm$ 0.120 χ^2 /NDF: 23056.6/34

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

All: 790.826 $\pm$ 0.084 χ^2 /NDF: 693078.8/73

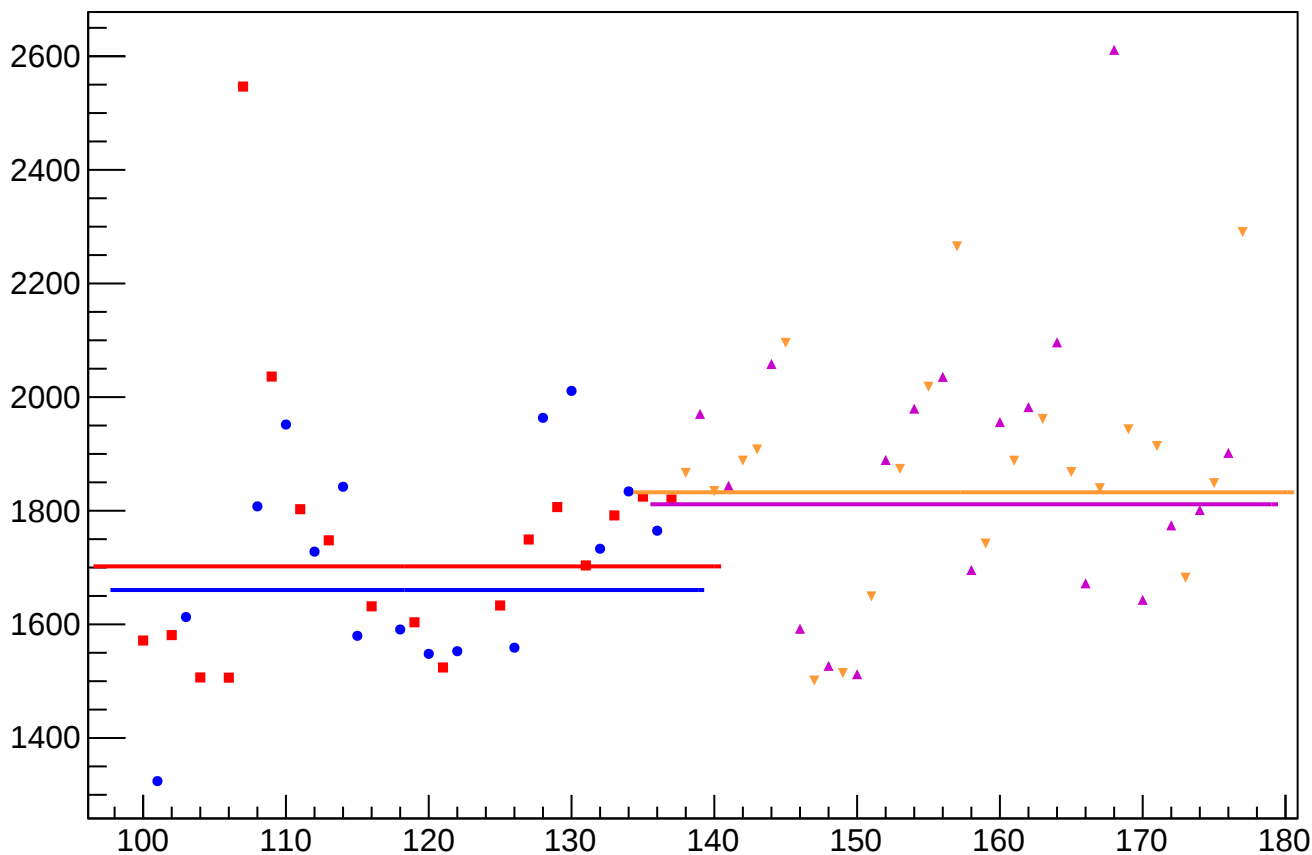
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -1955.963 ± 462.228 $\chi^2/\text{NDF}: 20.1/20$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -2198.264 ± 472.973 $\chi^2/\text{NDF}: 20.8/18$

Left: -2074.330 ± 330.578 $\chi^2/\text{NDF}: 41.0/39$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2541.506 ± 381.902 $\chi^2/\text{NDF}: 39.2/34$
 Out: -2047.725 ± 376.312 $\chi^2/\text{NDF}: 32.0/38$
 All: -2290.975 ± 268.047 $\chi^2/\text{NDF}: 72.0/73$

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: 1811.370 $\pm$ 0.334 χ^2 /NDF: 457698.1/18

Left: 1822.173 $\pm$ 0.234 χ^2 /NDF: 819456.7/39

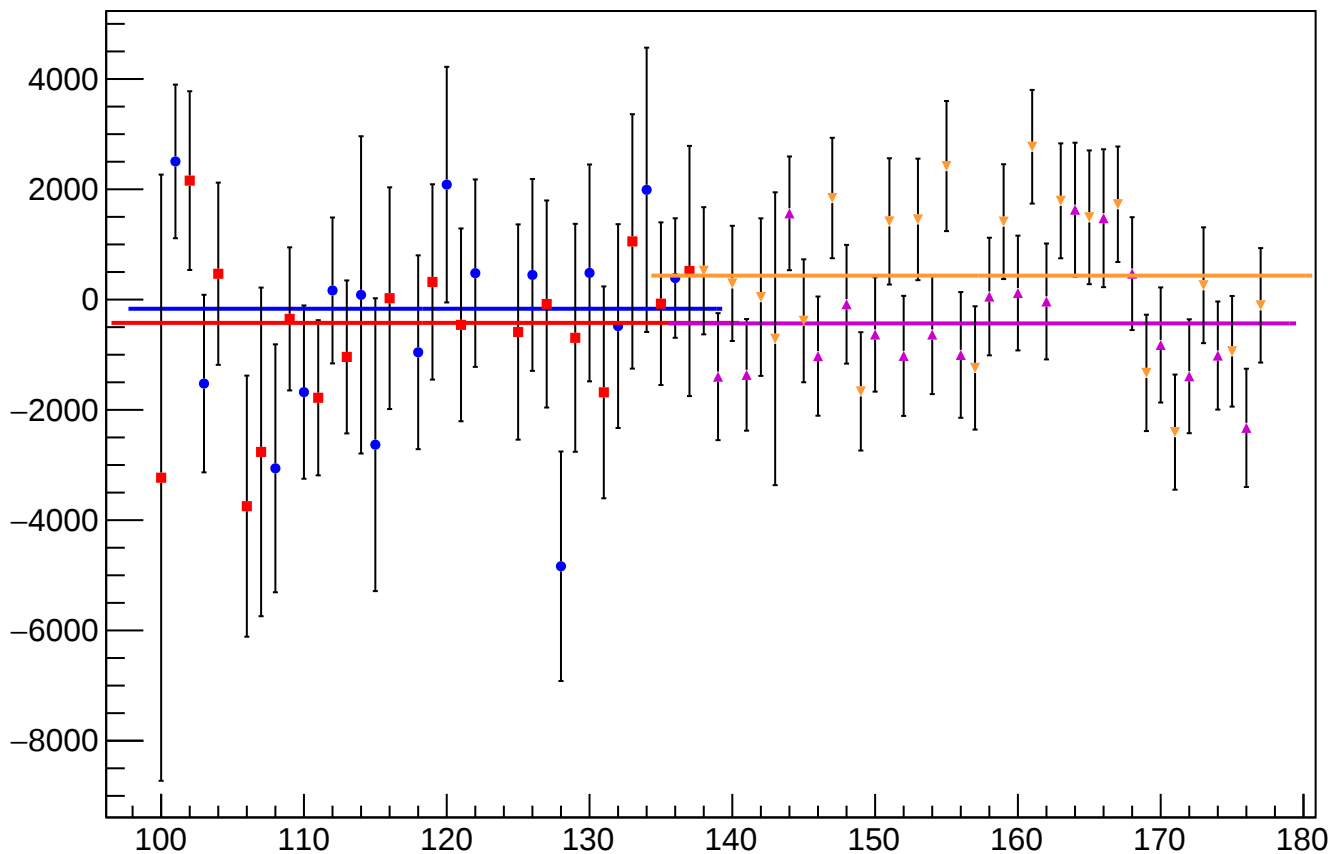
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

In: 1758.850 $\pm$ 0.270 χ^2 /NDF: 707763.5/34

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

All: 1773.905 $\pm$ 0.190 χ^2 /NDF: 1299283.8/73

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 $\pm$ 432.680 χ^2/NDF : 15.6/15

Left Out: 434.731 $\pm$ 242.967 χ^2/NDF : 35.3/20

Right Out: -422.359 $\pm$ 427.321 χ^2/NDF : 8.2/17

Left In: -431.975 $\pm$ 245.914 χ^2/NDF : 17.4/18

Left: 6.603 $\pm$ 172.836 χ^2/NDF : 59.1/39

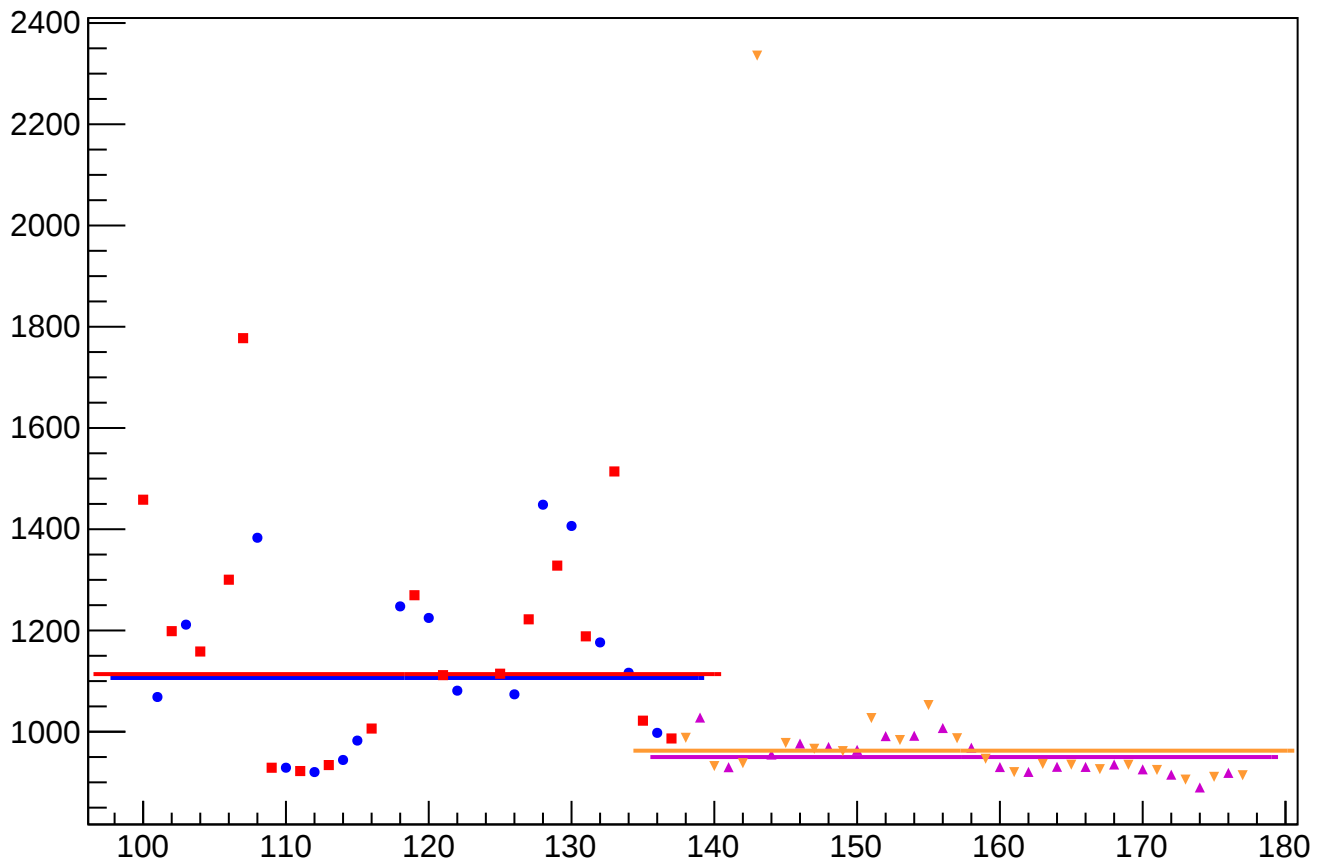
Right: -295.954 $\pm$ 304.038 χ^2/NDF : 24.0/33

In: -367.123 $\pm$ 213.796 χ^2/NDF : 33.3/34

Out: 225.340 $\pm$ 211.213 χ^2/NDF : 46.5/38

All: -67.291 $\pm$ 150.255 χ^2/NDF : 83.8/73

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: 949.952 ± 0.174 $\chi^2/\text{NDF}: 40117.2/18$

Left: 956.328 ± 0.122 $\chi^2/\text{NDF}: 629152.5/39$

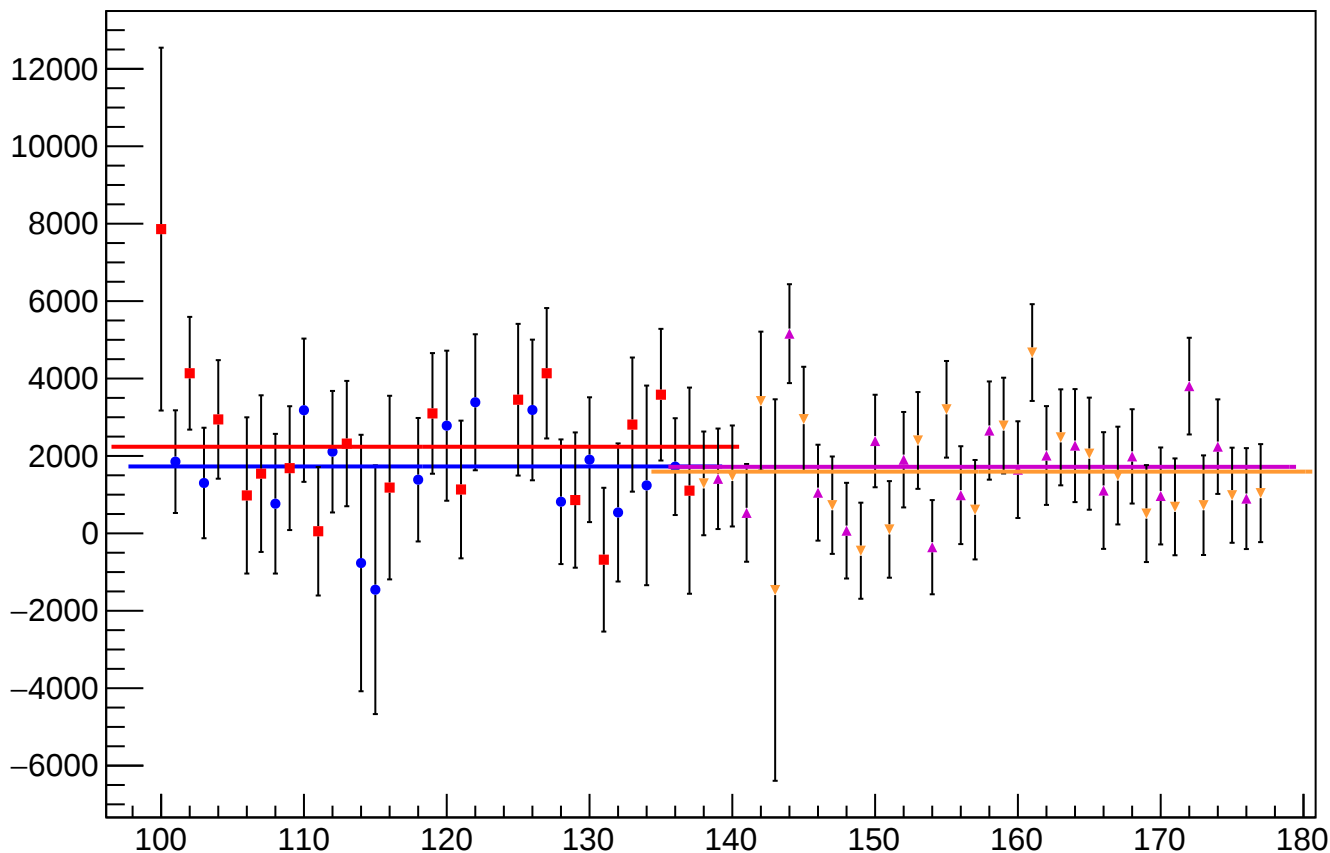
Right: 1110.038 ± 0.215 $\chi^2/\text{NDF}: 624528.4/33$

In: 988.091 ± 0.151 $\chi^2/\text{NDF}: 497063.0/34$

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

All: 993.869 ± 0.106 $\chi^2/\text{NDF}: 1640014.2/73$

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: 1719.016 $\pm$ 291.183 χ^2/NDF : 18.5/18

Left: 1656.260 $\pm$ 204.707 χ^2/NDF : 38.2/39

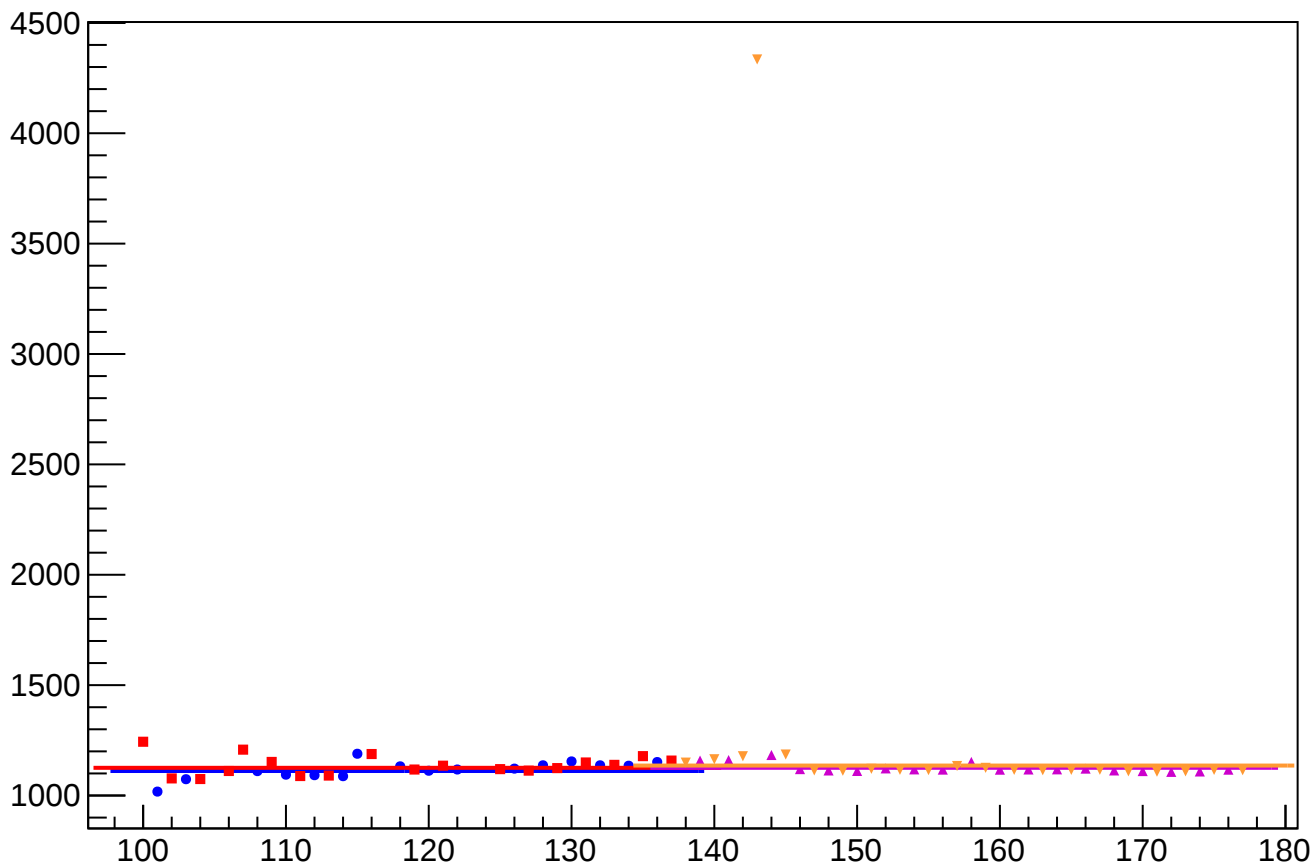
Right: 1985.660 $\pm$ 302.369 χ^2/NDF : 18.3/33

In: 1721.988 $\pm$ 241.069 χ^2/NDF : 23.8/34

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

All: 1759.788 $\pm$ 169.513 χ^2/NDF : 57.2/73

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1135.701+/-0.204 χ^2/NDF : 856120.7/20

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

Left In: 1125.565+/-0.206 χ^2/NDF : 10069.3/18

Left: 1130.691+/-0.145 χ^2/NDF : 867415.6/39

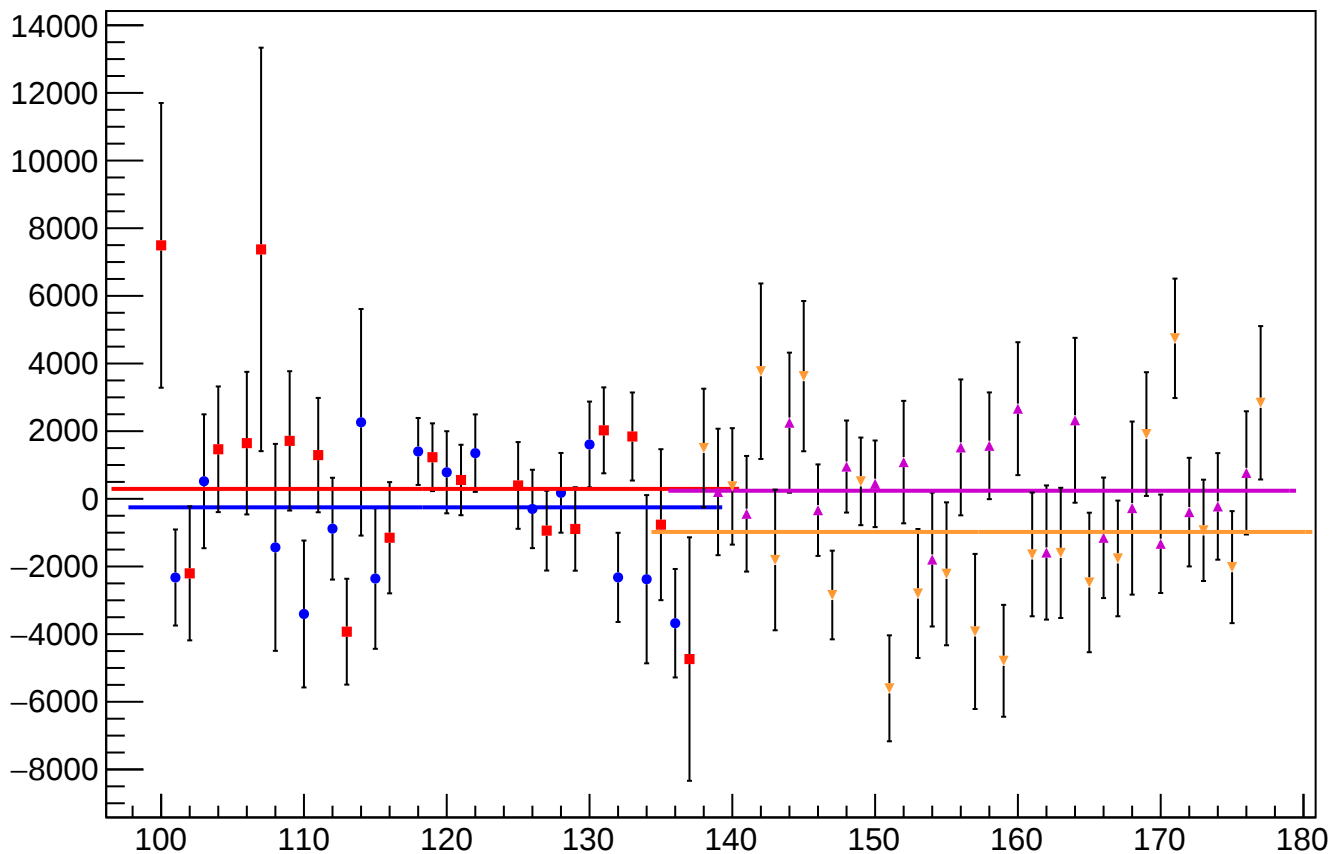
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1120.996+/-0.170 χ^2/NDF : 29725.4/34

Out: 1132.496+/-0.169 χ^2/NDF : 872791.0/38

All: 1126.810+/-0.120 χ^2/NDF : 904817.4/73

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: 239.183 $\pm$ 392.753 χ^2/NDF : 9.2/18

Left: -377.802 $\pm$ 275.865 χ^2/NDF : 62.0/39

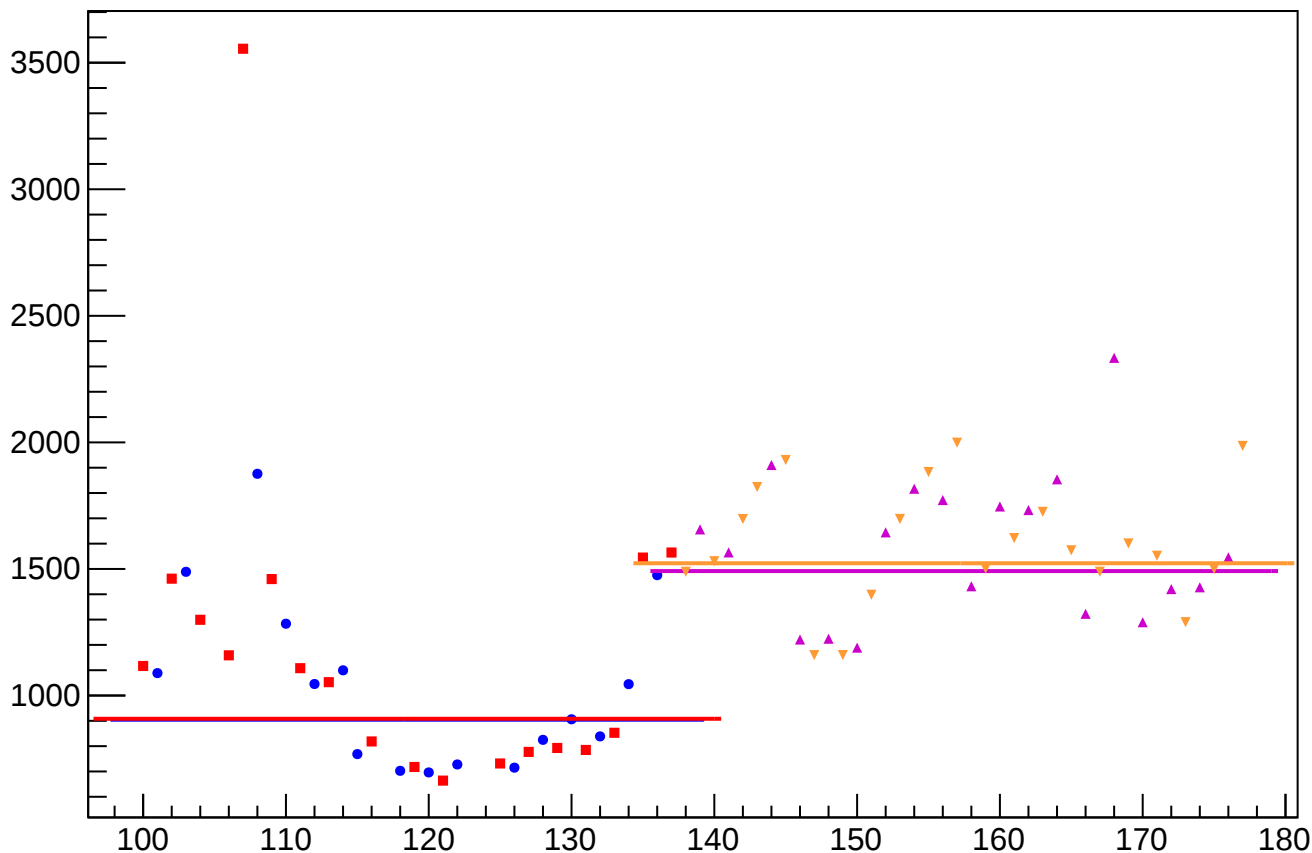
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: -24.046 $\pm$ 267.348 χ^2/NDF : 31.9/34

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

All: -163.368 $\pm$ 188.115 χ^2/NDF : 110.1/73

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: 1491.630+/-0.278 χ^2/NDF : 869912.0/18

Left: 1507.286+/-0.195 χ^2/NDF : 1646579.1/39

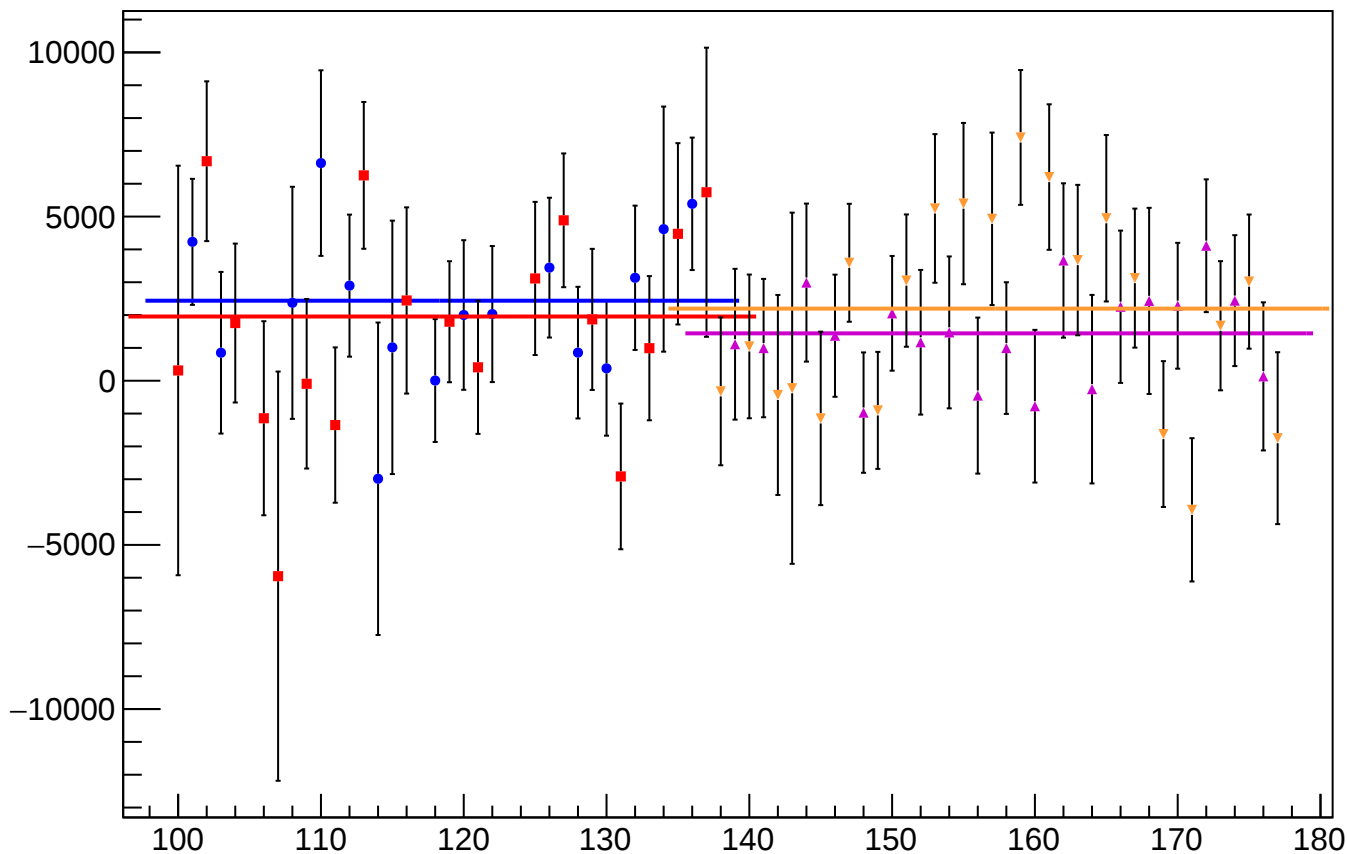
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1176.544+/-0.189 χ^2/NDF : 4289627.9/34

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

All: 1185.776+/-0.133 χ^2/NDF : 9126562.0/73

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: 1442.877+/-494.899 χ^2/NDF : 8.0/18

Left: 1822.142+/-348.818 χ^2/NDF : 46.5/39

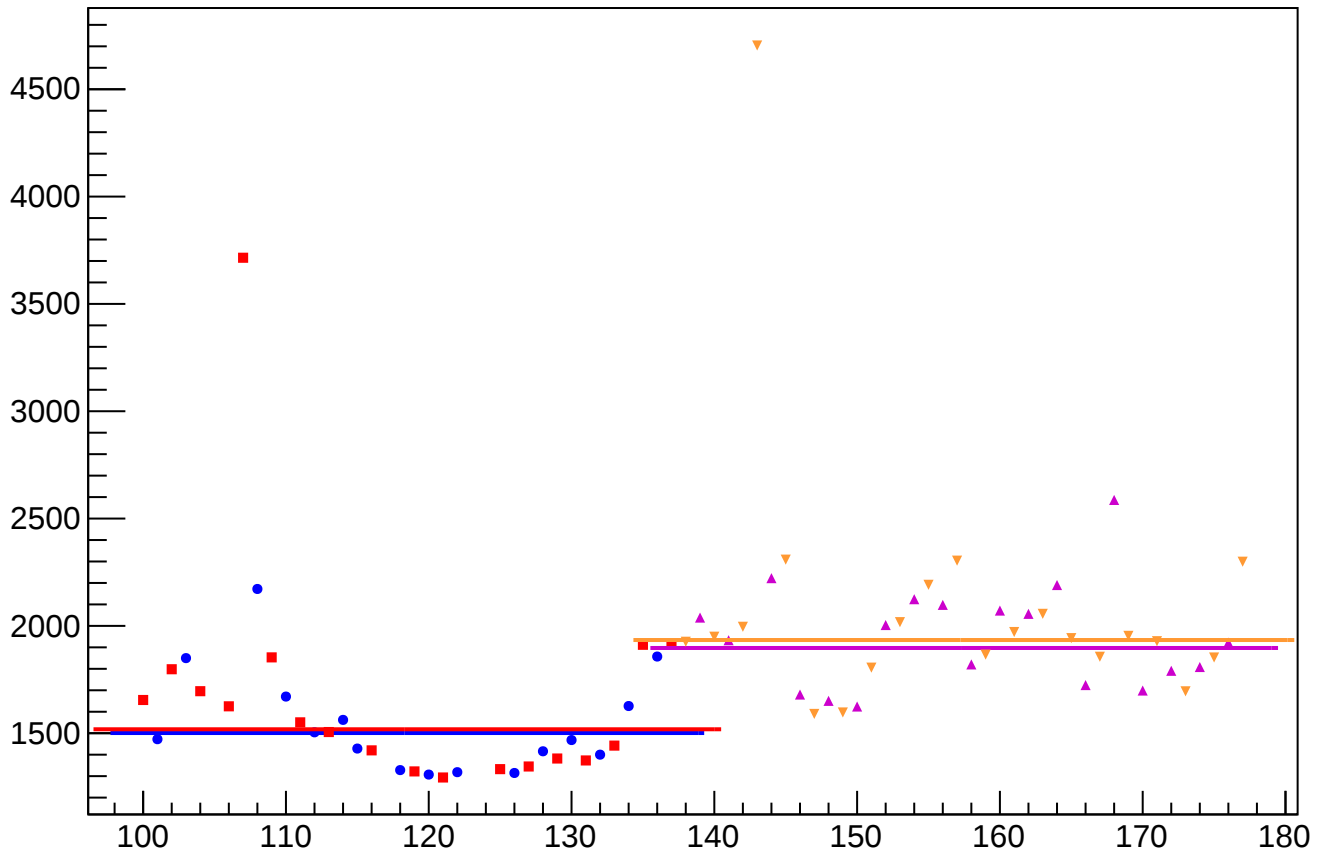
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

In: 1856.764+/-378.163 χ^2/NDF : 20.8/34

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

All: 1977.387+/-266.693 χ^2/NDF : 80.8/73

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 ± 0.415 $\chi^2/\text{NDF}: 256227.7/15$

Left Out: 1934.145 ± 0.348 $\chi^2/\text{NDF}: 878051.4/20$

Right Out: 1518.327 ± 0.413 $\chi^2/\text{NDF}: 476011.7/17$

Left In: 1897.050 ± 0.350 $\chi^2/\text{NDF}: 399875.2/18$

Left: 1915.717 ± 0.247 $\chi^2/\text{NDF}: 1283581.2/39$

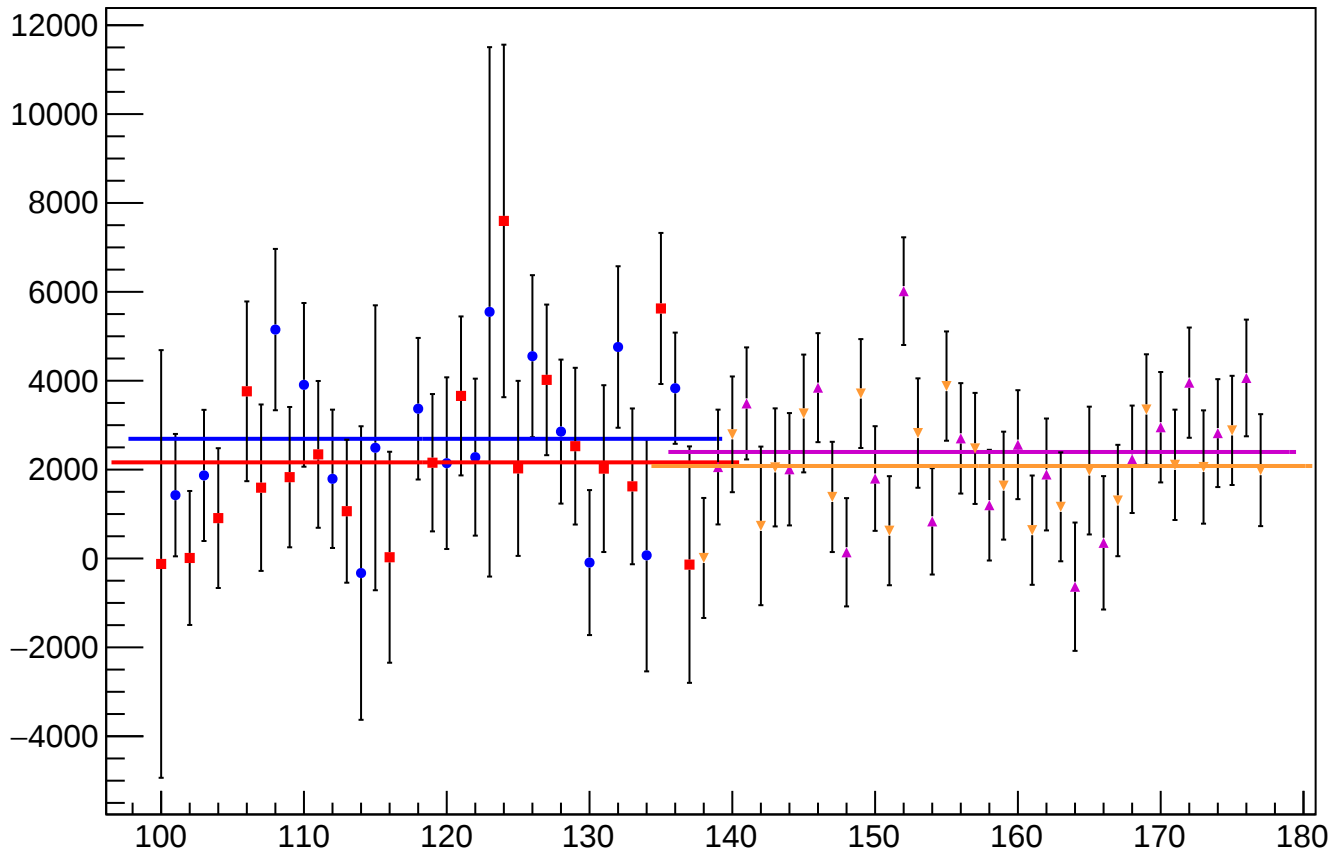
Right: 1509.610 ± 0.293 $\chi^2/\text{NDF}: 733133.5/33$

In: 1732.174 ± 0.267 $\chi^2/\text{NDF}: 1189546.3/34$

Out: 1761.675 ± 0.266 $\chi^2/\text{NDF}: 1947273.5/38$

All: 1747.003 ± 0.189 $\chi^2/\text{NDF}: 3142937.6/73$

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: 2396.673 $\pm$ 288.117 χ^2 /NDF:27.6/18

Left: 2233.923 $\pm$ 200.376 χ^2 /NDF: 42.2/39

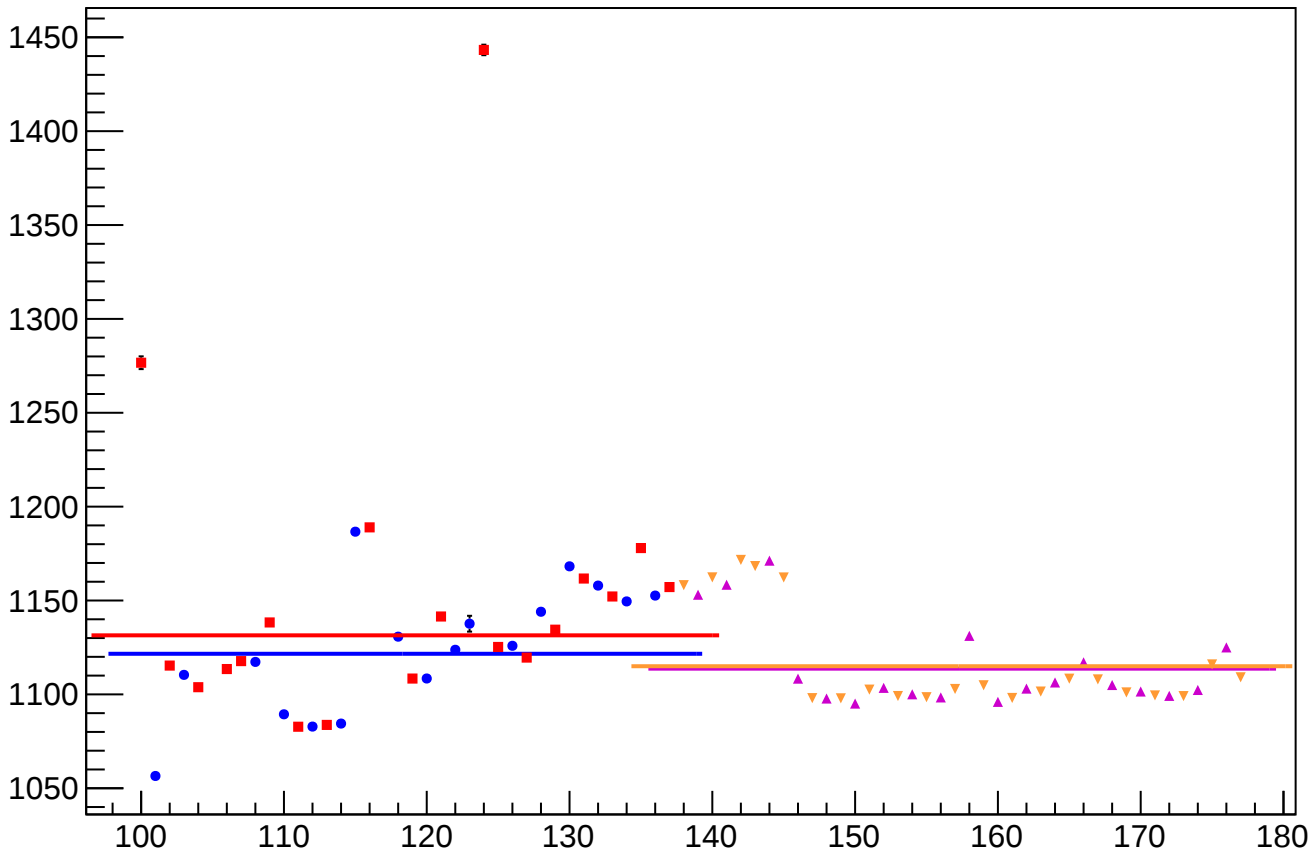
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2487.721 $\pm$ 239.803 χ^2 /NDF:40.1/35

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

All: 2291.398 $\pm$ 167.091 χ^2 /NDF: 69.3/75

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1114.994 $\pm$ 0.197 χ^2 /NDF:16110.6/20

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

Left In: 1113.706 $\pm$ 0.204 χ^2 /NDF:12007.6/18

Left: 1114.371 $\pm$ 0.142 χ^2 /NDF: 28138.8/39

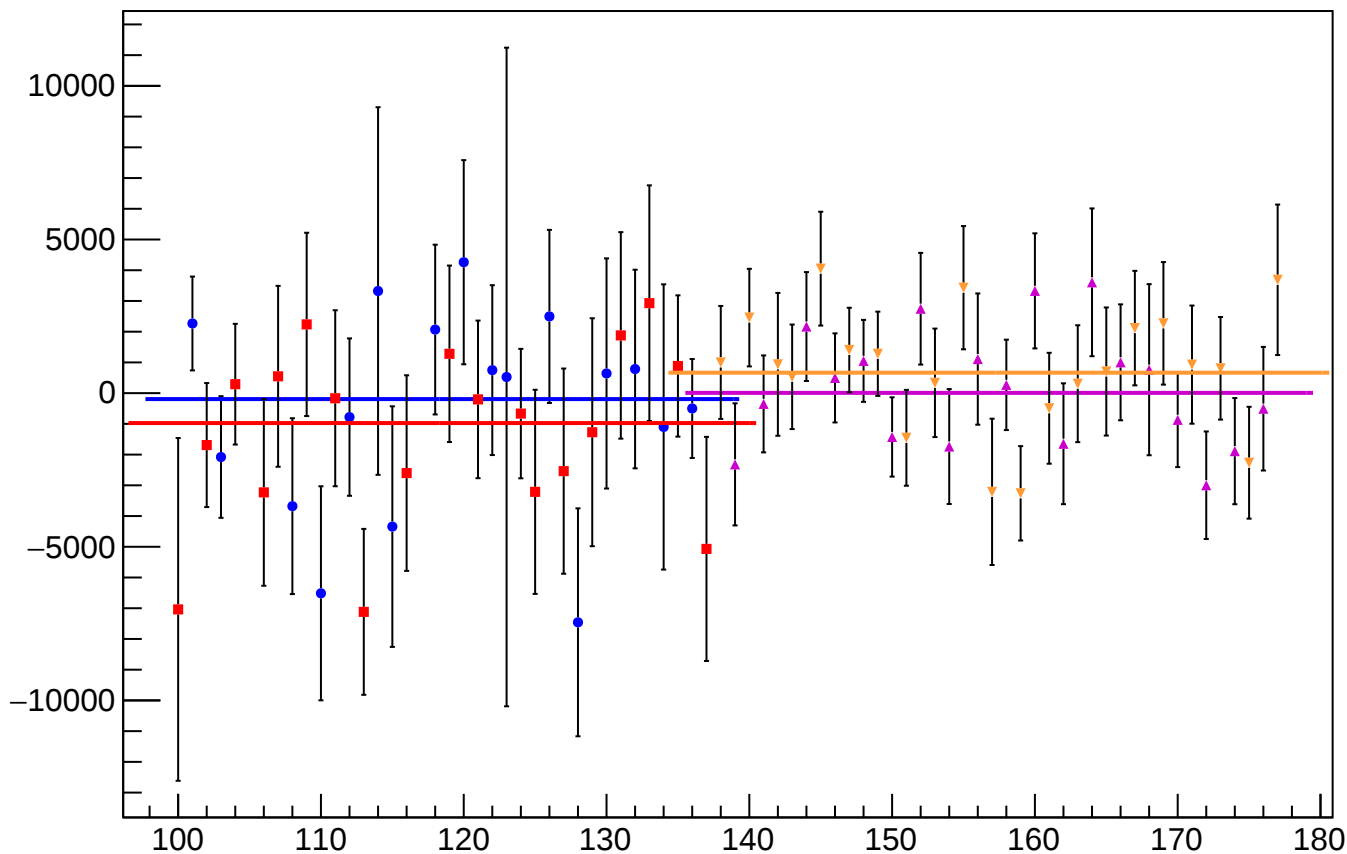
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1116.140 $\pm$ 0.170 χ^2 /NDF:24452.2/35

Out: 1119.967 $\pm$ 0.165 χ^2 /NDF:41326.9/39

All: 1118.109 $\pm$ 0.118 χ^2 /NDF: 66041.1/75

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: 8.813+/-397.147 χ^2/NDF : 19.3/18

Left: 344.000+/-277.898 χ^2/NDF : 44.7/39

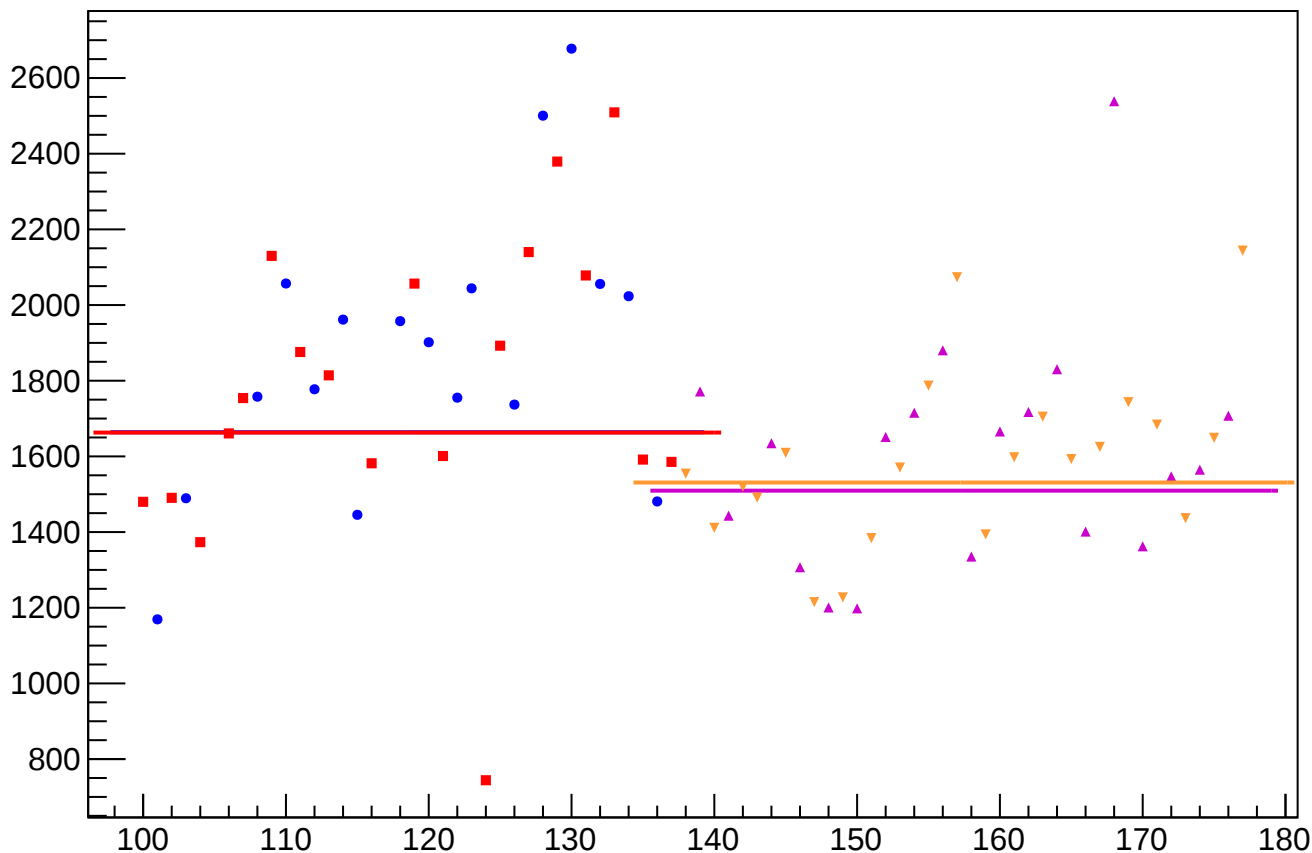
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: -44.881+/-340.339 χ^2/NDF : 36.7/35

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

All: 94.753+/-238.060 χ^2/NDF : 80.1/75

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: 1509.408 $\pm$ 0.281 χ^2 /NDF: 828066.3/18

Left: 1520.407 $\pm$ 0.197 χ^2 /NDF: 1424448.5/39

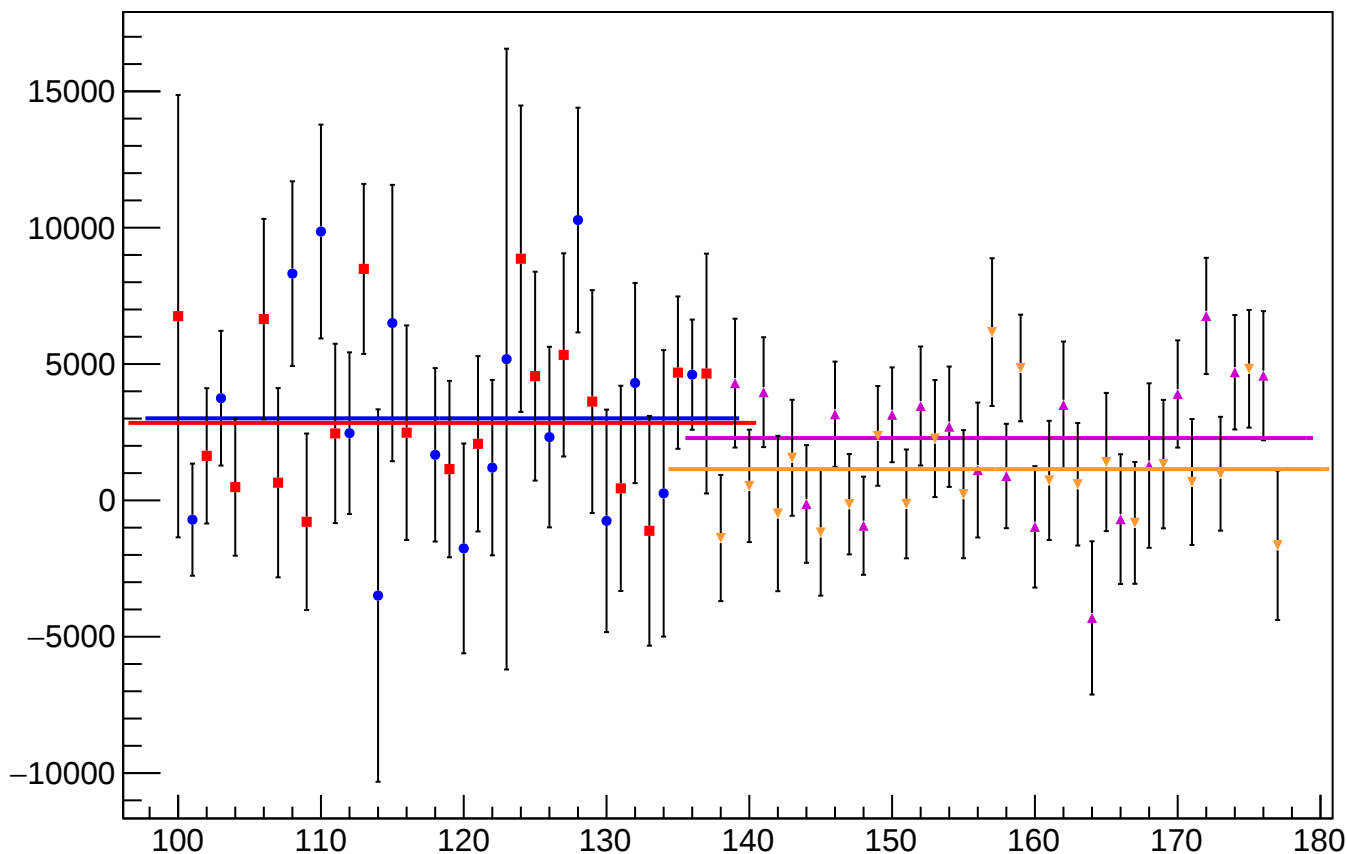
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1550.412 $\pm$ 0.241 χ^2 /NDF: 1530808.7/35

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

All: 1558.459 $\pm$ 0.168 χ^2 /NDF: 2992789.8/75

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: 2285.354+/-494.757 χ^2/NDF : 24.3/18

Left: 1701.605+/-345.252 χ^2/NDF : 43.4/39

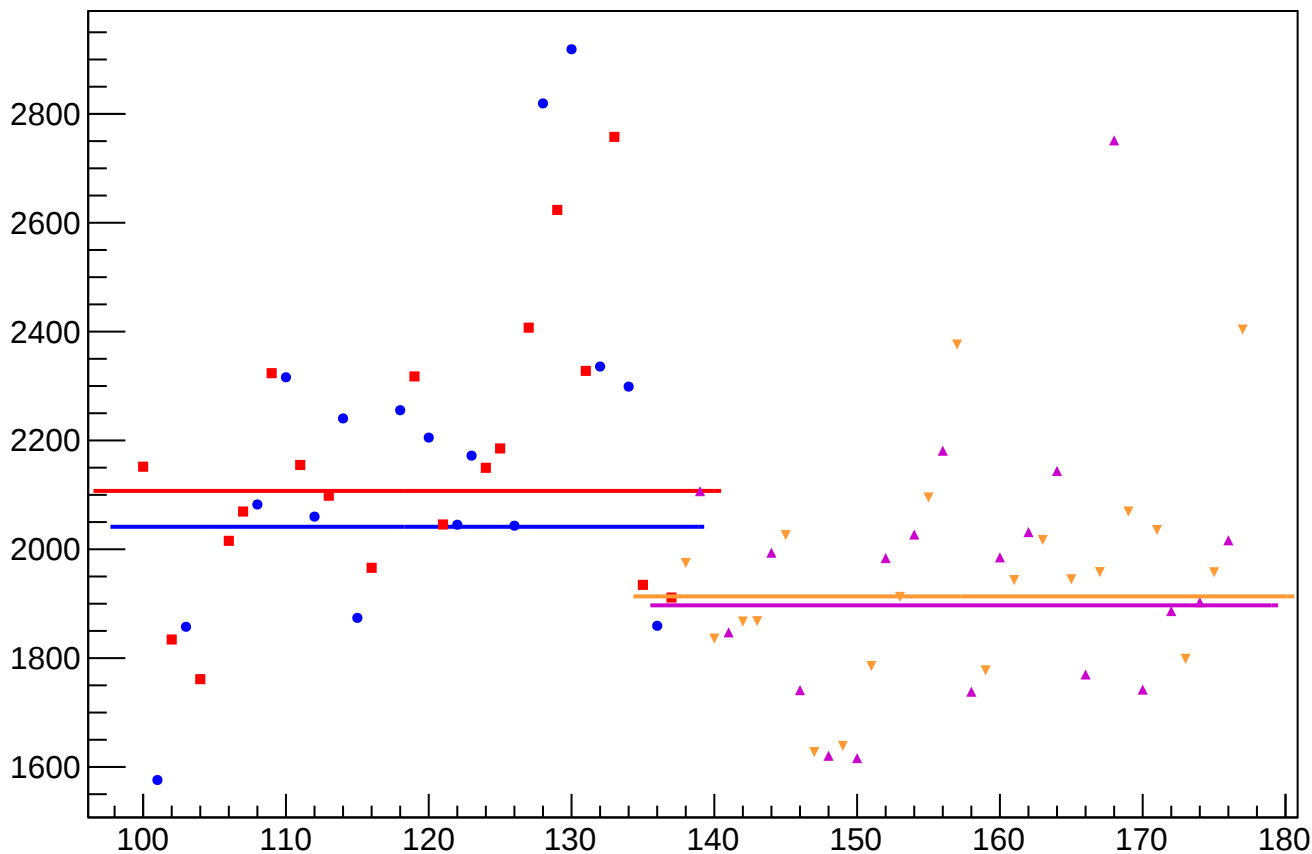
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2485.738+/-420.736 χ^2/NDF : 42.3/35

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

All: 2035.093+/-294.468 χ^2/NDF : 75.7/75

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1913.439 $\pm$ 0.341 χ^2 /NDF:283206.8/20

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

Left In: 1896.994 $\pm$ 0.350 χ^2 /NDF:392728.0/18

Left: 1905.431 $\pm$ 0.244 χ^2 /NDF: 677068.4/39

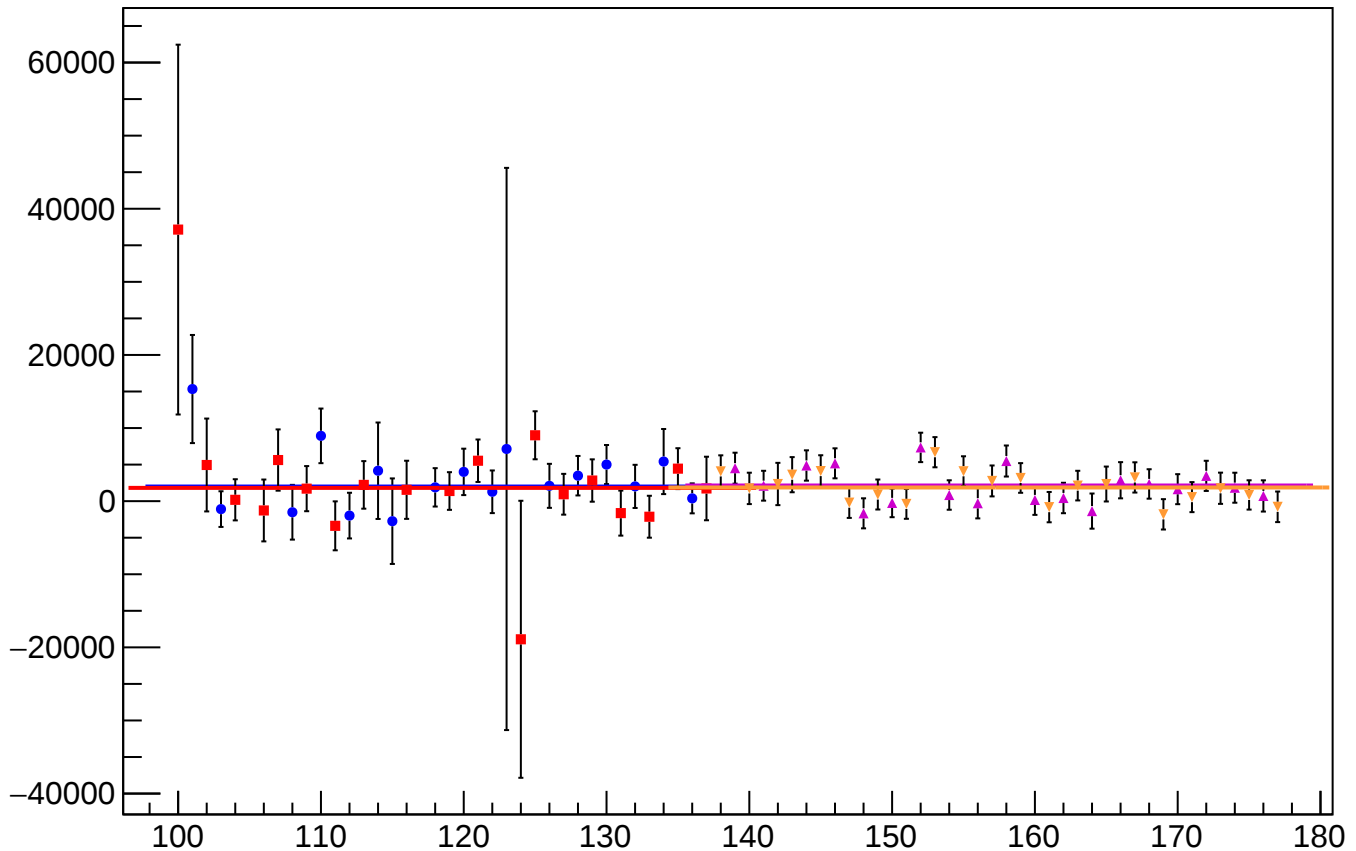
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1936.957 $\pm$ 0.298 χ^2 /NDF:778298.3/35

Out: 1965.472 $\pm$ 0.292 χ^2 /NDF:566809.9/39

All: 1951.504 $\pm$ 0.208 χ^2 /NDF: 1349794.9/75

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899 $\pm$ 781.612 χ^2 /NDF: 14.8/16

Left Out: 1870.725 $\pm$ 464.822 χ^2 /NDF:19.9/20

Right Out: 1815.578 $\pm$ 781.463 χ^2 /NDF: 18.2/18

Left In: 2141.467 $\pm$ 478.805 χ^2 /NDF:25.8/18

Left: 2002.085 $\pm$ 333.512 χ^2 /NDF: 45.9/39

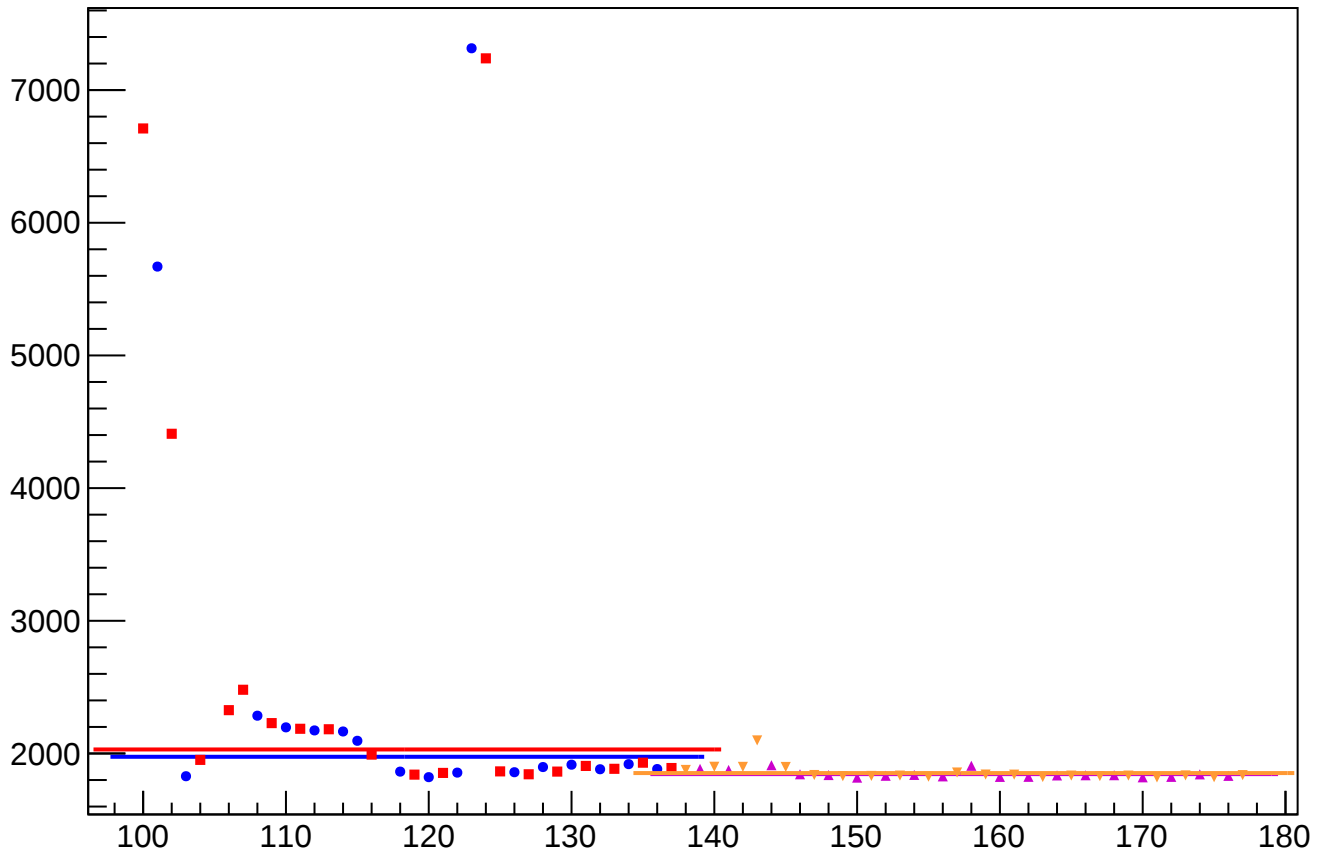
Right: 1907.721 $\pm$ 552.630 χ^2 /NDF: 33.1/35

In: 2102.838 $\pm$ 408.287 χ^2 /NDF:40.7/35

Out: 1856.313 $\pm$ 399.493 χ^2 /NDF:38.1/39

All: 1976.892 $\pm$ 285.543 χ^2 /NDF: 79.0/75

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1852.423+/-0.329 χ^2/NDF : 27075.0/20

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

Left In: 1844.512+/-0.339 χ^2/NDF : 6676.0/18

Left: 1848.585+/-0.236 χ^2/NDF : 34032.0/39

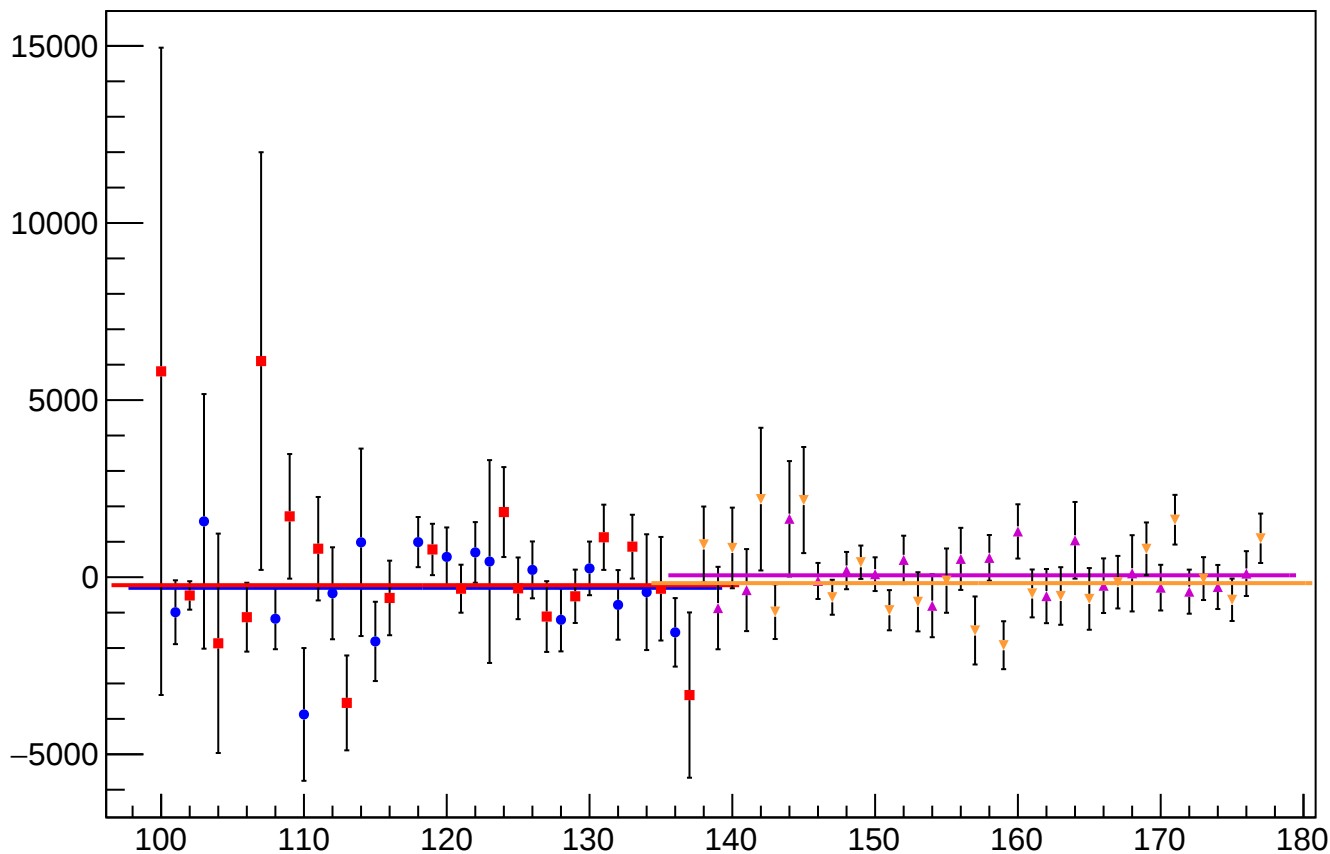
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1880.148+/-0.289 χ^2/NDF : 647107.8/35

Out: 1898.920+/-0.282 χ^2/NDF : 707577.1/39

All: 1889.738+/-0.202 χ^2/NDF : 1356844.9/75

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 χ^2/NDF : 17.3/16

Left Out: -167.473 ± 158.338 χ^2/NDF : 32.6/20

Right Out: -225.432 ± 215.564 χ^2/NDF : 22.2/18

Left In: 53.341 ± 162.786 χ^2/NDF : 9.4/18

Left: -60.124 ± 113.502 χ^2/NDF : 43.0/39

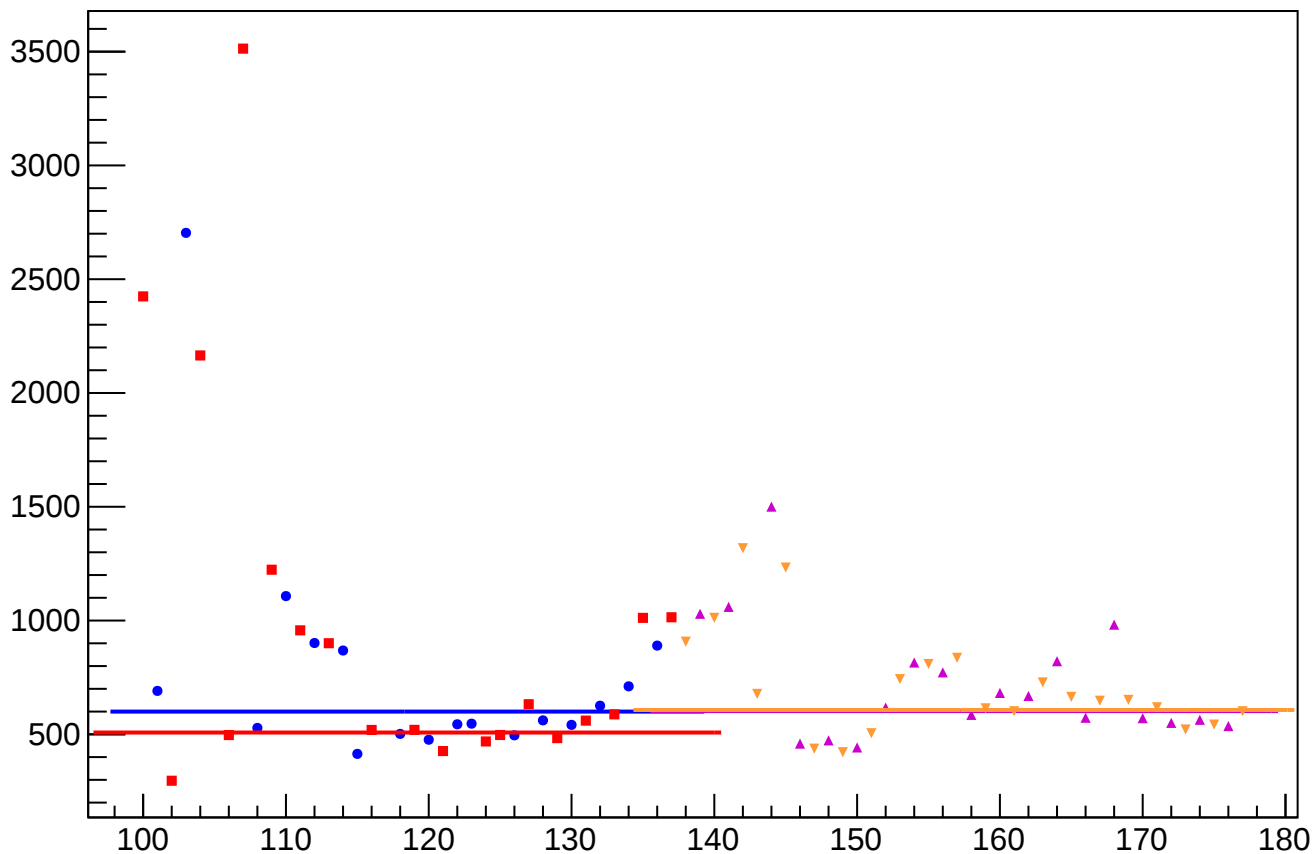
Right: -257.724 ± 162.302 χ^2/NDF : 39.6/35

In: -53.888 ± 135.858 χ^2/NDF : 28.2/35

Out: -187.785 ± 127.612 χ^2/NDF : 54.9/39

All: -125.023 ± 93.014 χ^2/NDF : 83.6/75

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 607.075 $\pm$ 0.112 χ^2 /NDF: 2033396.0/20

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

Left In: 602.238 $\pm$ 0.115 χ^2 /NDF: 2304882.7/18

Left: 604.724 $\pm$ 0.080 χ^2 /NDF: 4339186.2/39

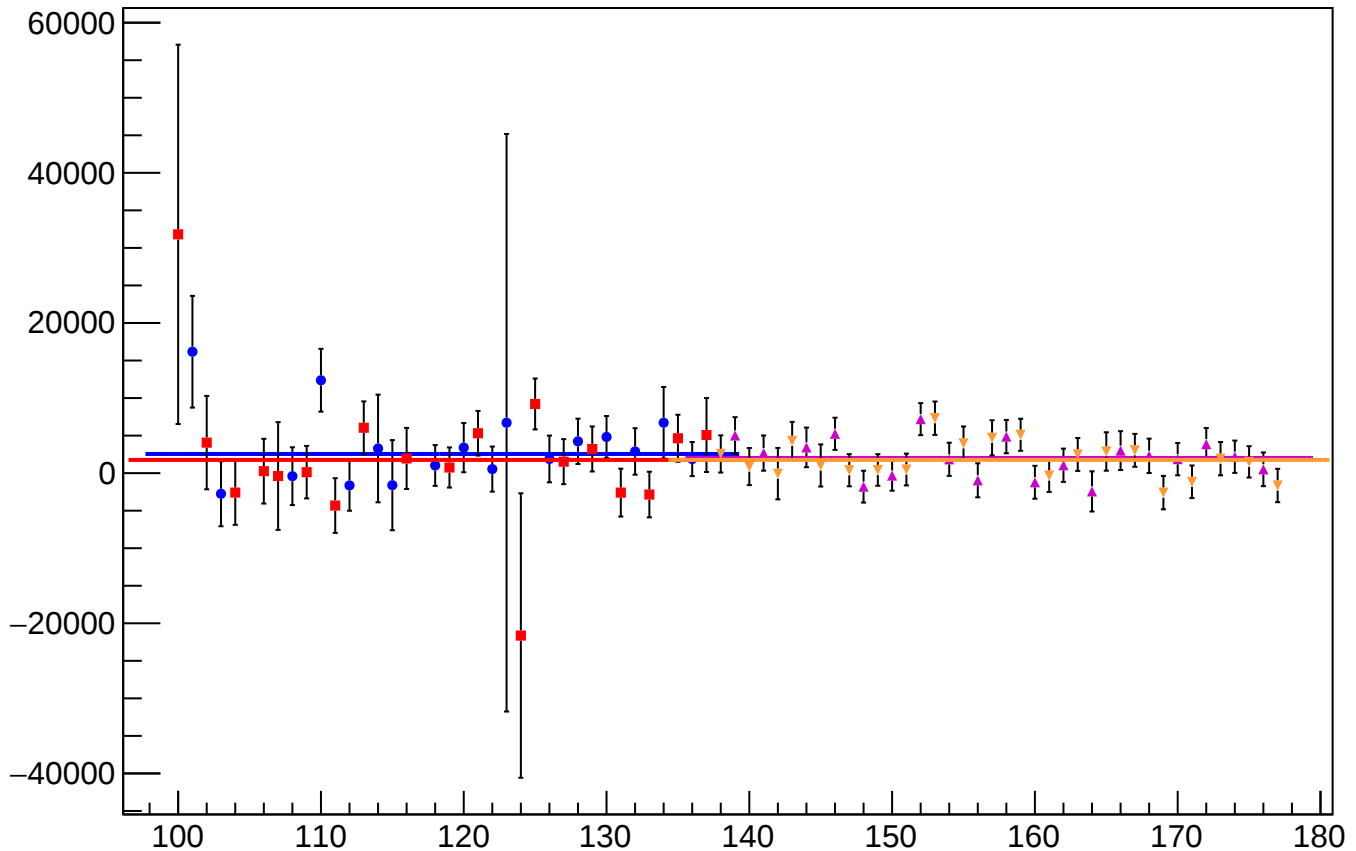
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

In: 601.545 $\pm$ 0.096 χ^2 /NDF: 3686051.7/35

Out: 572.334 $\pm$ 0.090 χ^2 /NDF: 5157019.2/39

All: 586.026 $\pm$ 0.066 χ^2 /NDF: 8892190.7/75

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: 2021.212 $\pm$ 517.066 χ^2 /NDF: 24.5/18

Left: 1889.203 $\pm$ 359.625 χ^2 /NDF: 48.2/39

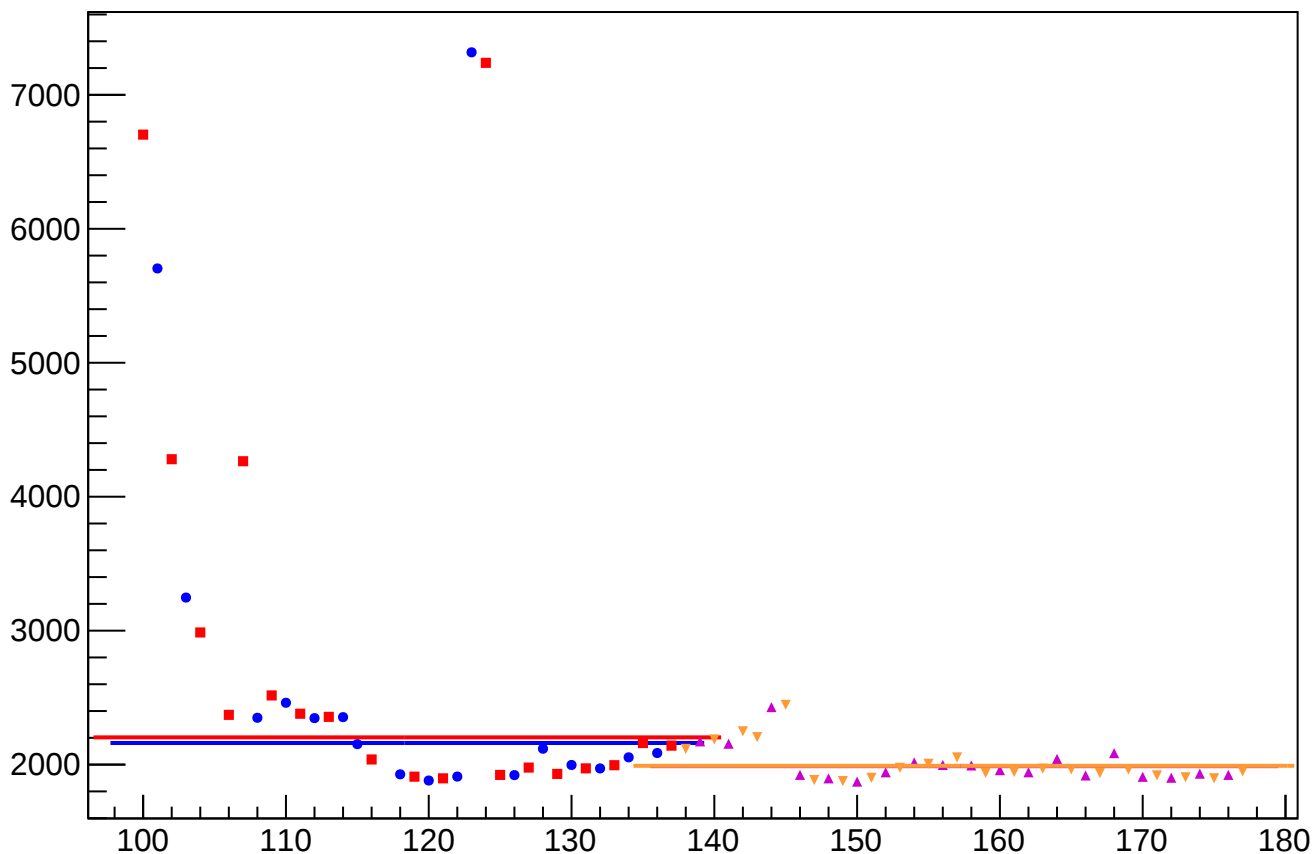
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2162.830 $\pm$ 442.988 χ^2 /NDF: 40.5/35

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

All: 1958.611 $\pm$ 309.245 χ^2 /NDF: 85.4/75

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1990.998+/-0.354 χ^2/NDF :126085.0/20

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

Left In: 1988.432+/-0.366 χ^2/NDF :107036.5/18

Left: 1989.757+/-0.254 χ^2/NDF : 233147.0/39

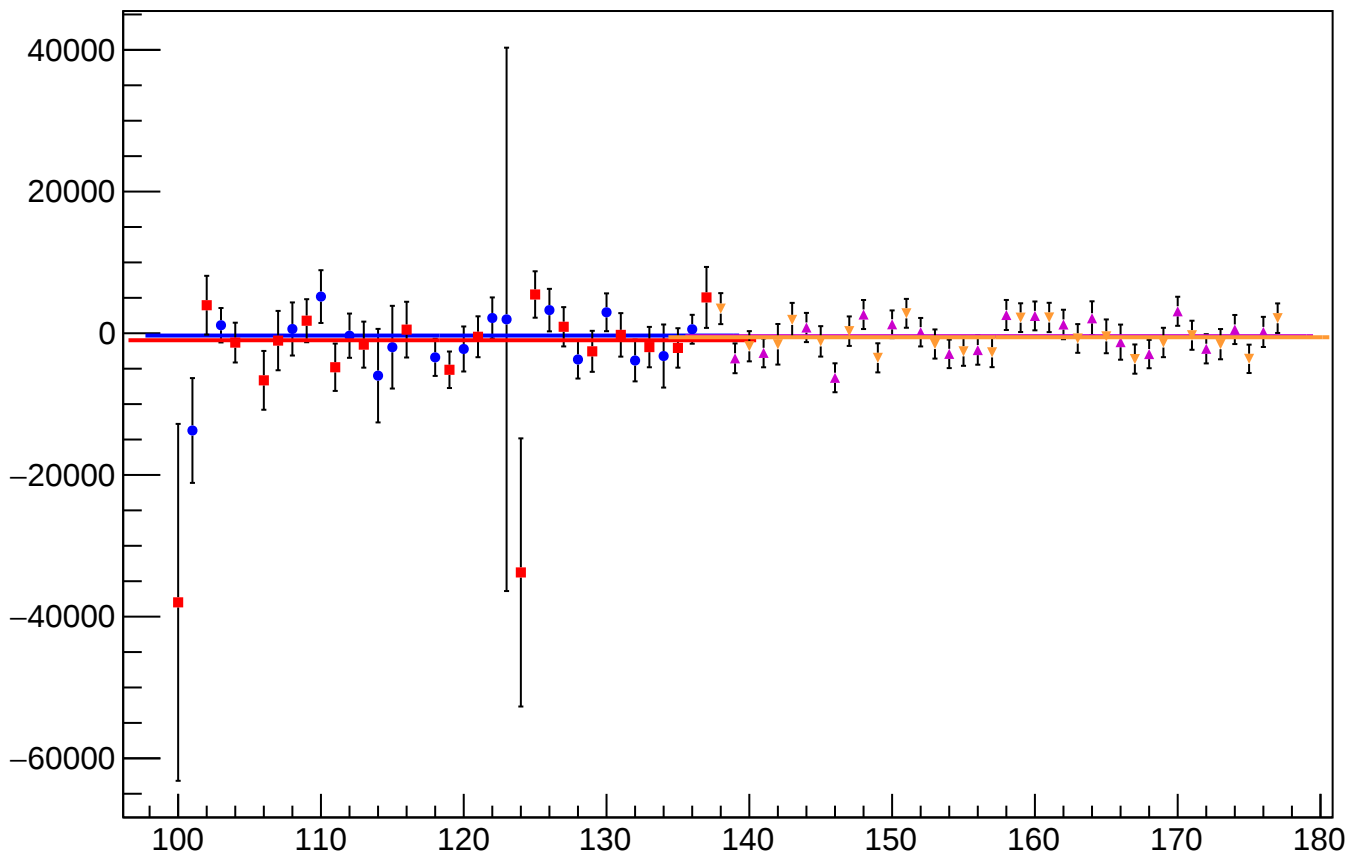
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2034.448+/-0.313 χ^2/NDF :877835.9/35

Out: 2045.224+/-0.305 χ^2/NDF :1015407.9/39

All: 2039.973+/-0.219 χ^2/NDF : 1893850.6/75

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738 ± 779.509 $\chi^2/\text{NDF}: 15.7/16$

Left Out: -563.228 ± 463.567 $\chi^2/\text{NDF}: 22.4/20$

Right Out: -985.900 ± 769.924 $\chi^2/\text{NDF}: 20.4/18$

Left In: -407.886 ± 477.706 $\chi^2/\text{NDF}: 29.0/18$

Left: -487.890 ± 332.678 $\chi^2/\text{NDF}: 51.4/39$

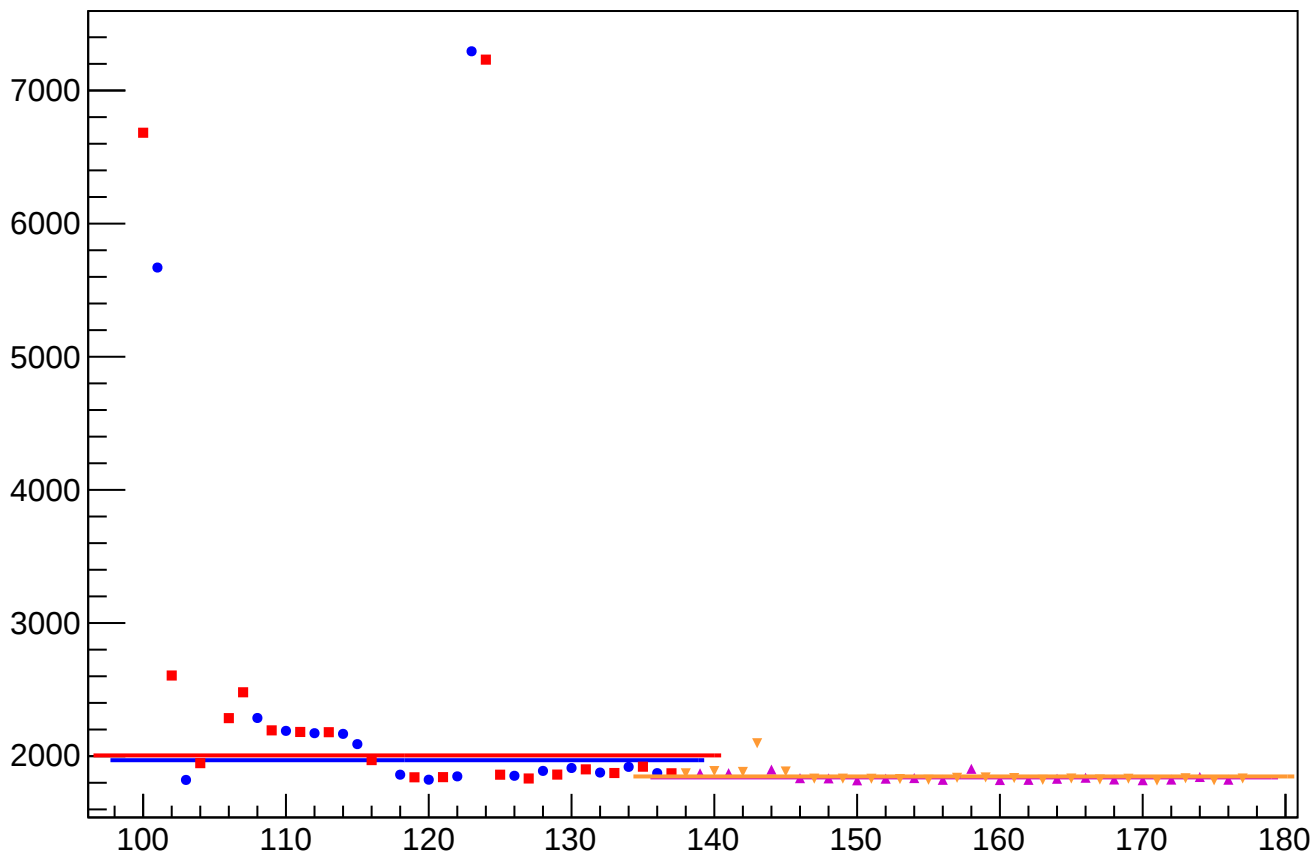
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -384.912 ± 407.306 $\chi^2/\text{NDF}: 44.8/35$

Out: -675.686 ± 397.138 $\chi^2/\text{NDF}: 42.9/39$

All: -533.974 ± 284.346 $\chi^2/\text{NDF}: 88.0/75$

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: 1840.328+/-0.338 χ^2/NDF : 5881.9/18

Left: 1844.019+/-0.235 χ^2/NDF : 32395.6/39

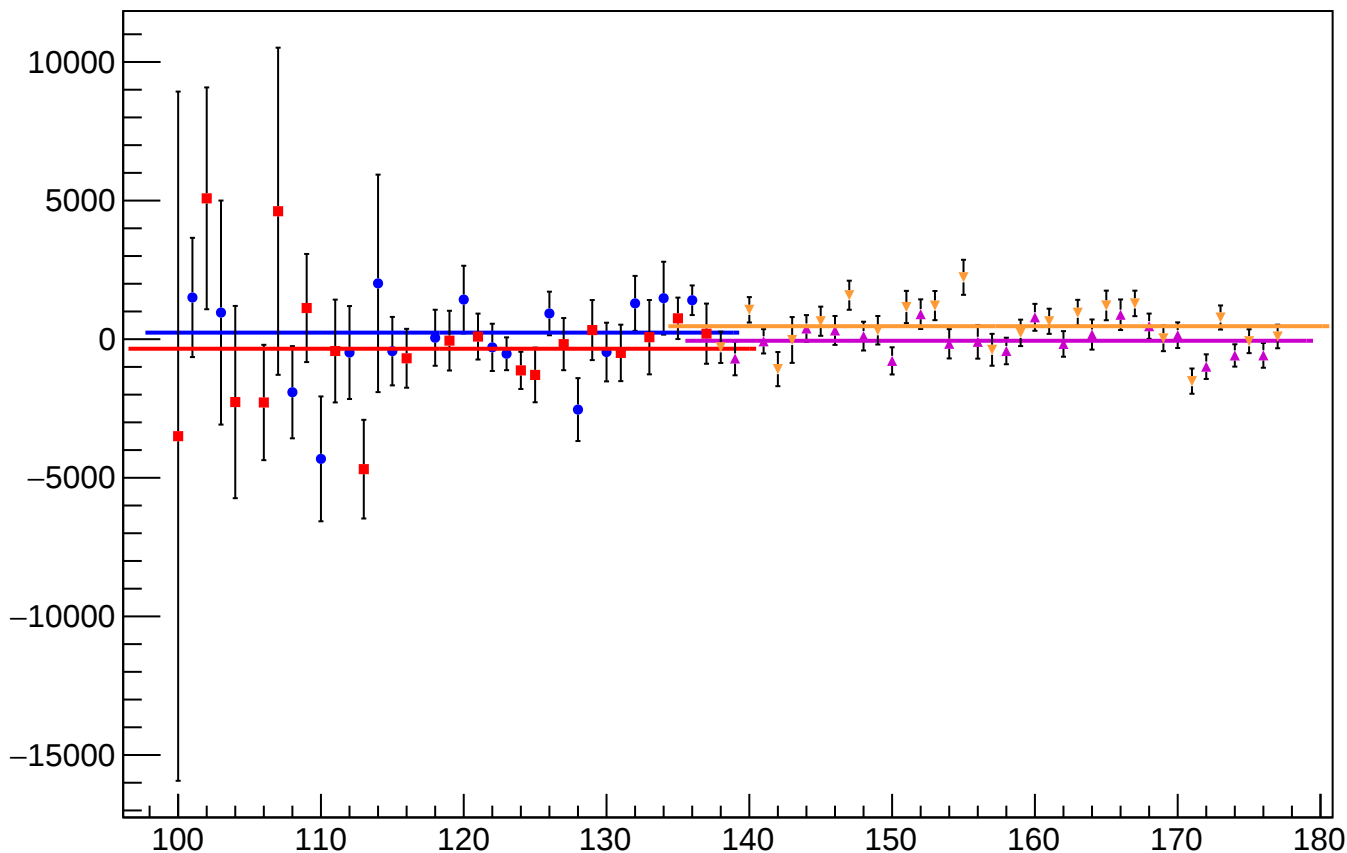
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1875.593+/-0.288 χ^2/NDF : 648613.9/35

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

All: 1882.747+/-0.201 χ^2/NDF : 1097604.7/75

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: -56.555 $\pm$ 112.338 χ^2 /NDF:23.8/18

Left: 211.897 $\pm$ 78.522 χ^2 /NDF: 92.7/39

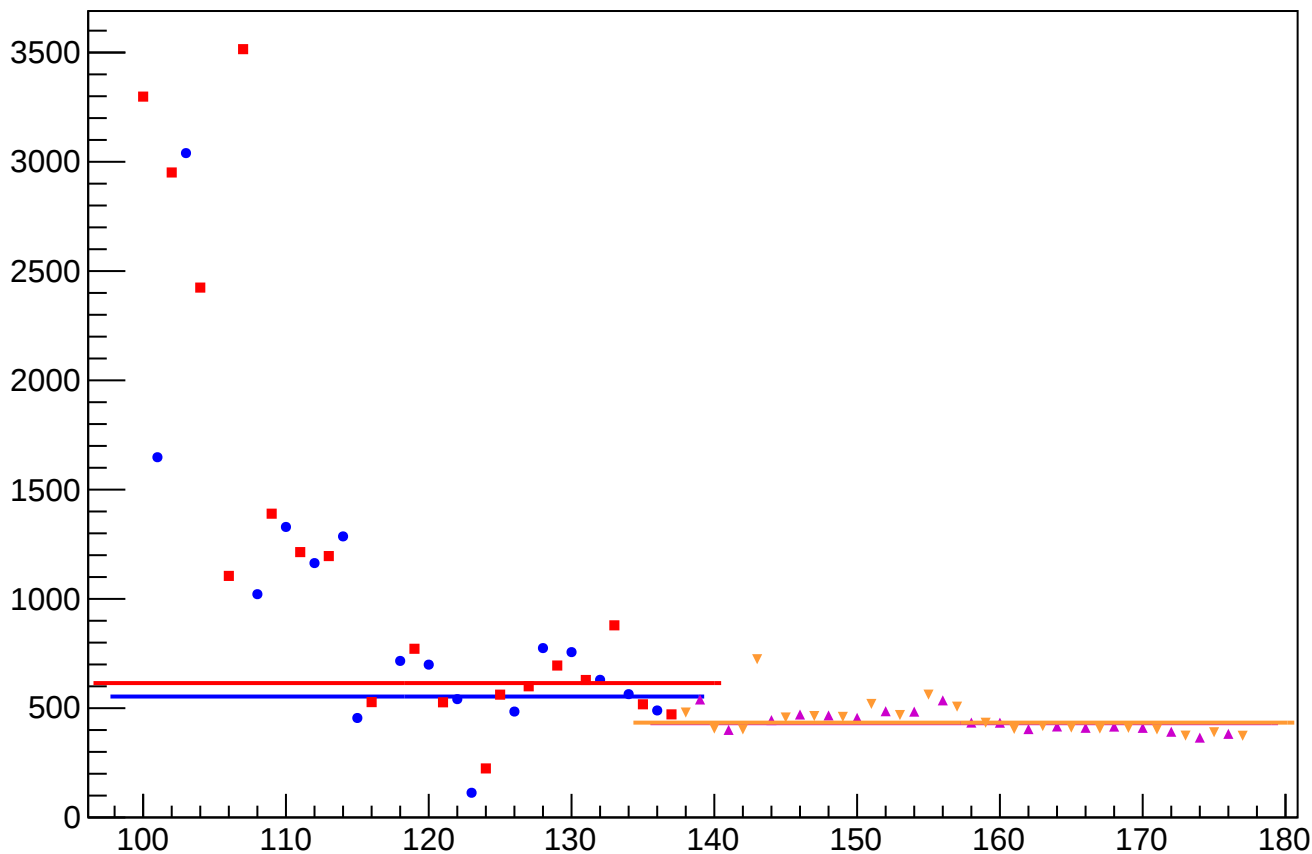
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: -6.801 $\pm$ 102.371 χ^2 /NDF:48.9/35

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

All: 173.873 $\pm$ 72.124 χ^2 /NDF: 136.5/75

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 433.826+/-0.078 χ^2/NDF : 589062.3/20

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

Left In: 431.250+/-0.079 χ^2/NDF : 312650.3/18

Left: 432.567+/-0.056 χ^2/NDF : 902250.7/39

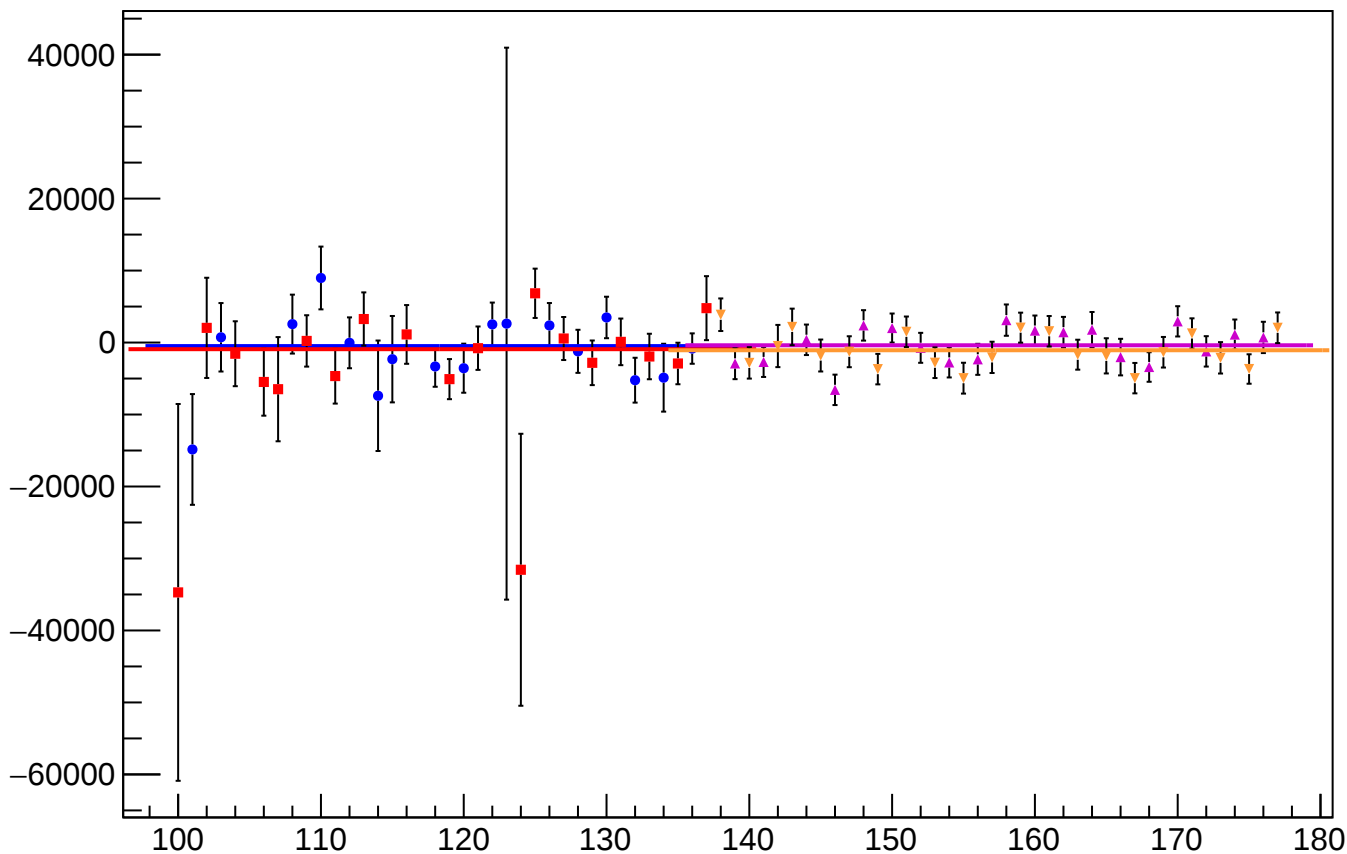
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 451.942+/-0.072 χ^2/NDF : 4125576.3/35

Out: 459.756+/-0.072 χ^2/NDF : 4937262.1/39

All: 455.877+/-0.051 χ^2/NDF : 9068707.1/75

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: -378.835 ± 491.403 χ^2/NDF : 27.6/18

Left: -733.961 ± 342.460 χ^2/NDF : 55.6/39

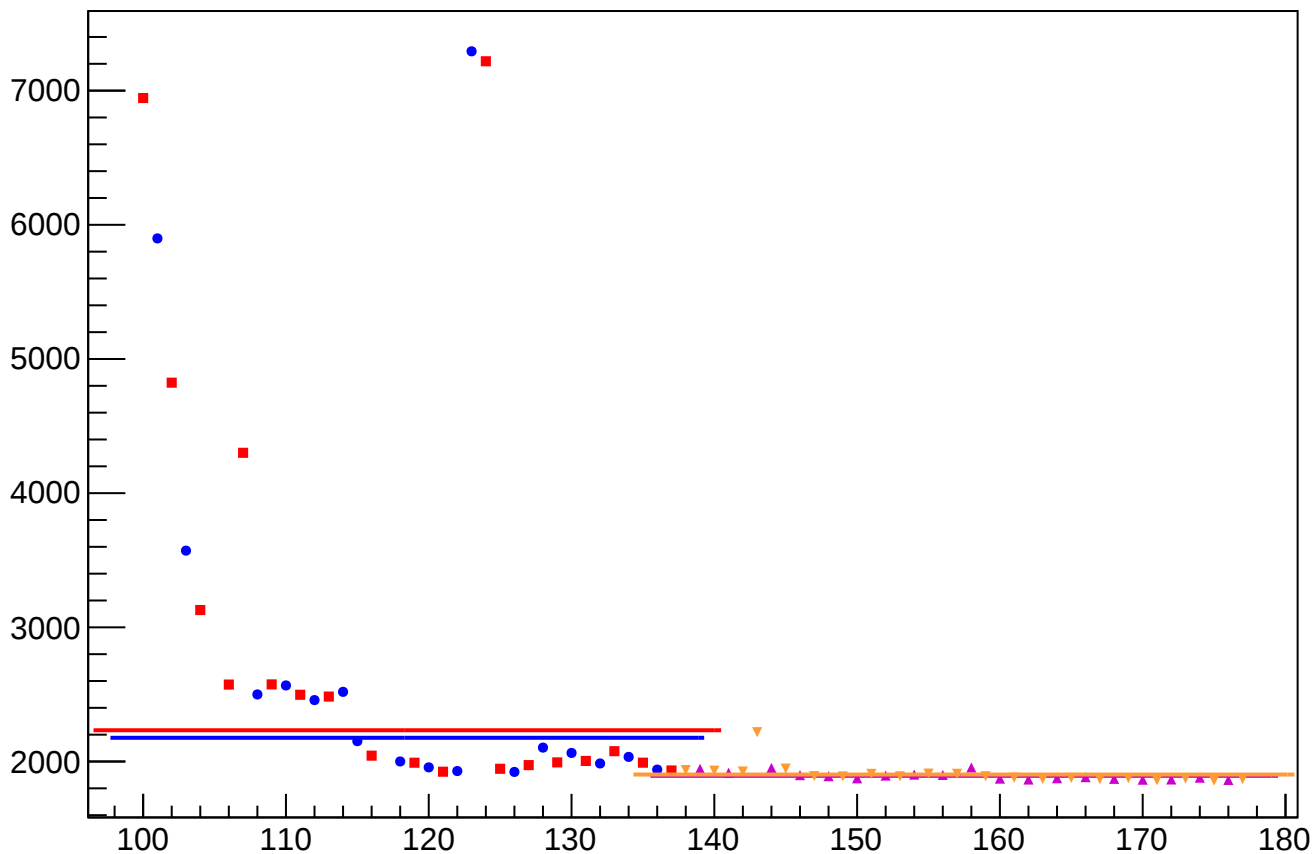
Right: -706.757 ± 613.998 χ^2/NDF : 37.6/35

In: -406.288 ± 427.628 χ^2/NDF : 46.2/35

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

All: -727.506 ± 299.084 χ^2/NDF : 93.2/75

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: 1893.231 $\pm$ 0.347 χ^2 /NDF: 6911.6/18

Left: 1898.229 $\pm$ 0.242 χ^2 /NDF: 44736.4/39

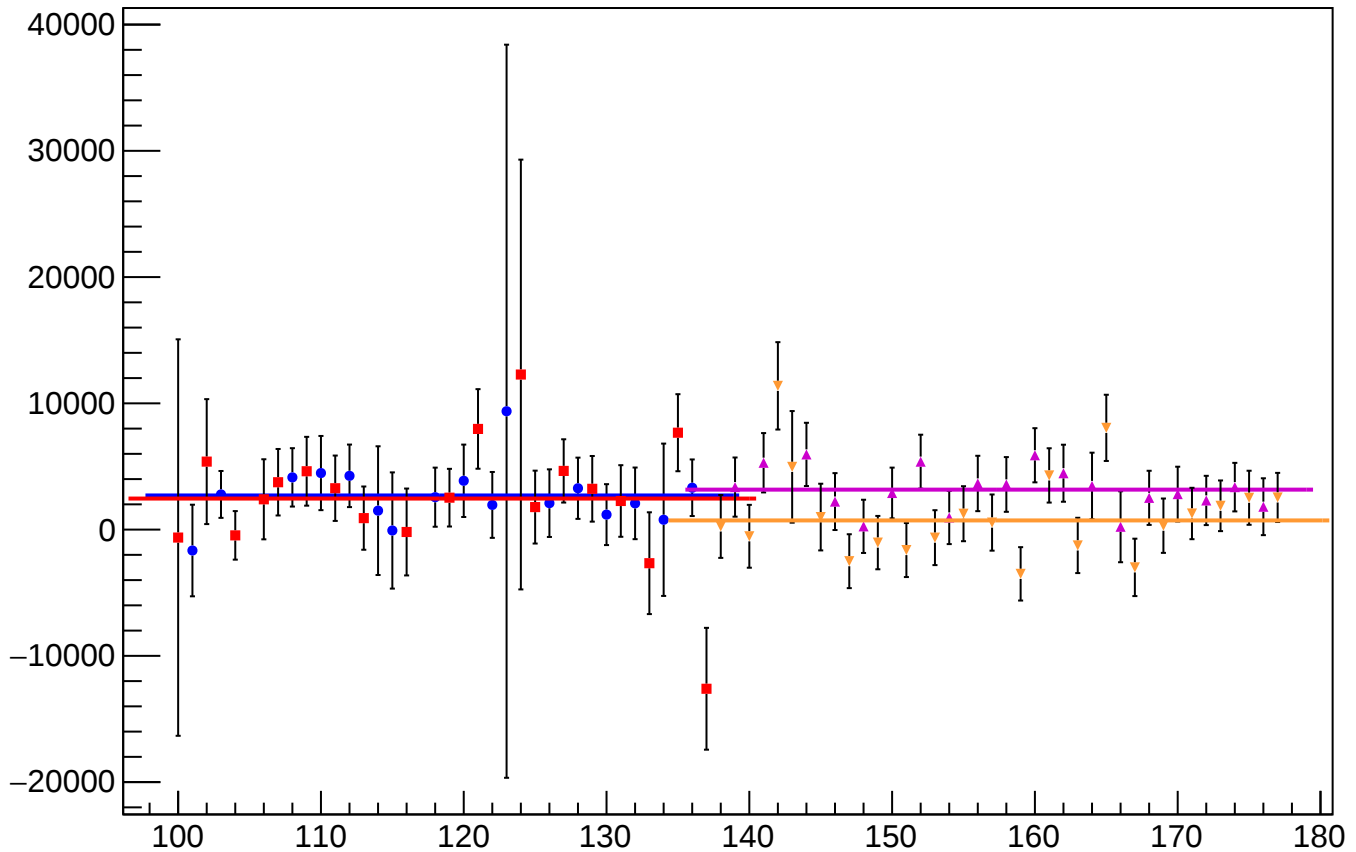
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 1962.046 $\pm$ 0.302 χ^2 /NDF: 971178.5/35

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

All: 1970.969 $\pm$ 0.211 χ^2 /NDF: 2122430.5/75

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: 3165.261 $\pm$ 506.243 χ^2/NDF : 10.2/18

Left: 1921.249 $\pm$ 354.341 χ^2/NDF : 57.4/39

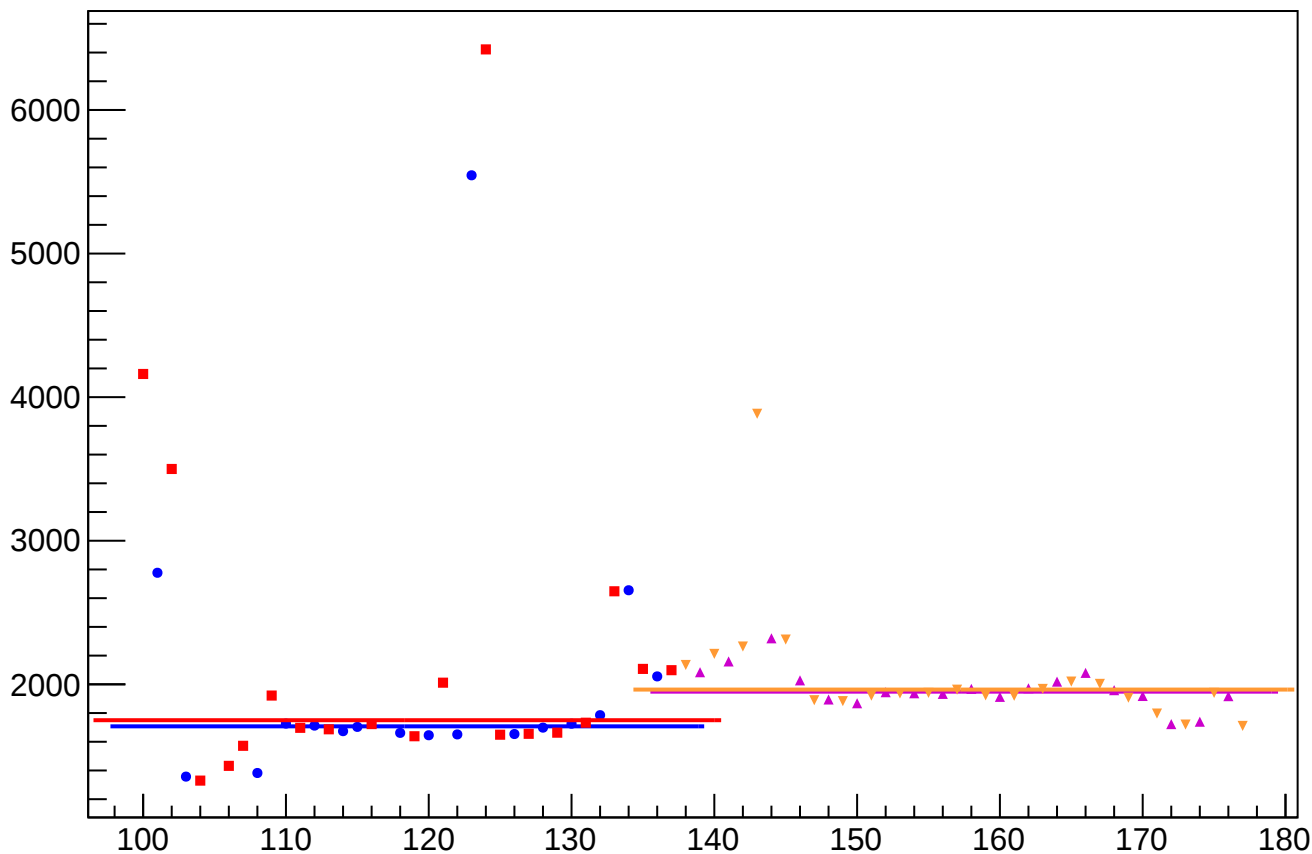
Right: 2582.696 $\pm$ 479.575 χ^2/NDF : 27.3/35

In: 2998.685 $\pm$ 404.758 χ^2/NDF : 14.5/35

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

All: 2154.829 $\pm$ 284.989 χ^2/NDF : 86.0/75

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: 1948.938+/-0.358 χ^2/NDF : 131915.6/18

Left: 1956.347+/-0.251 χ^2/NDF : 677739.2/39

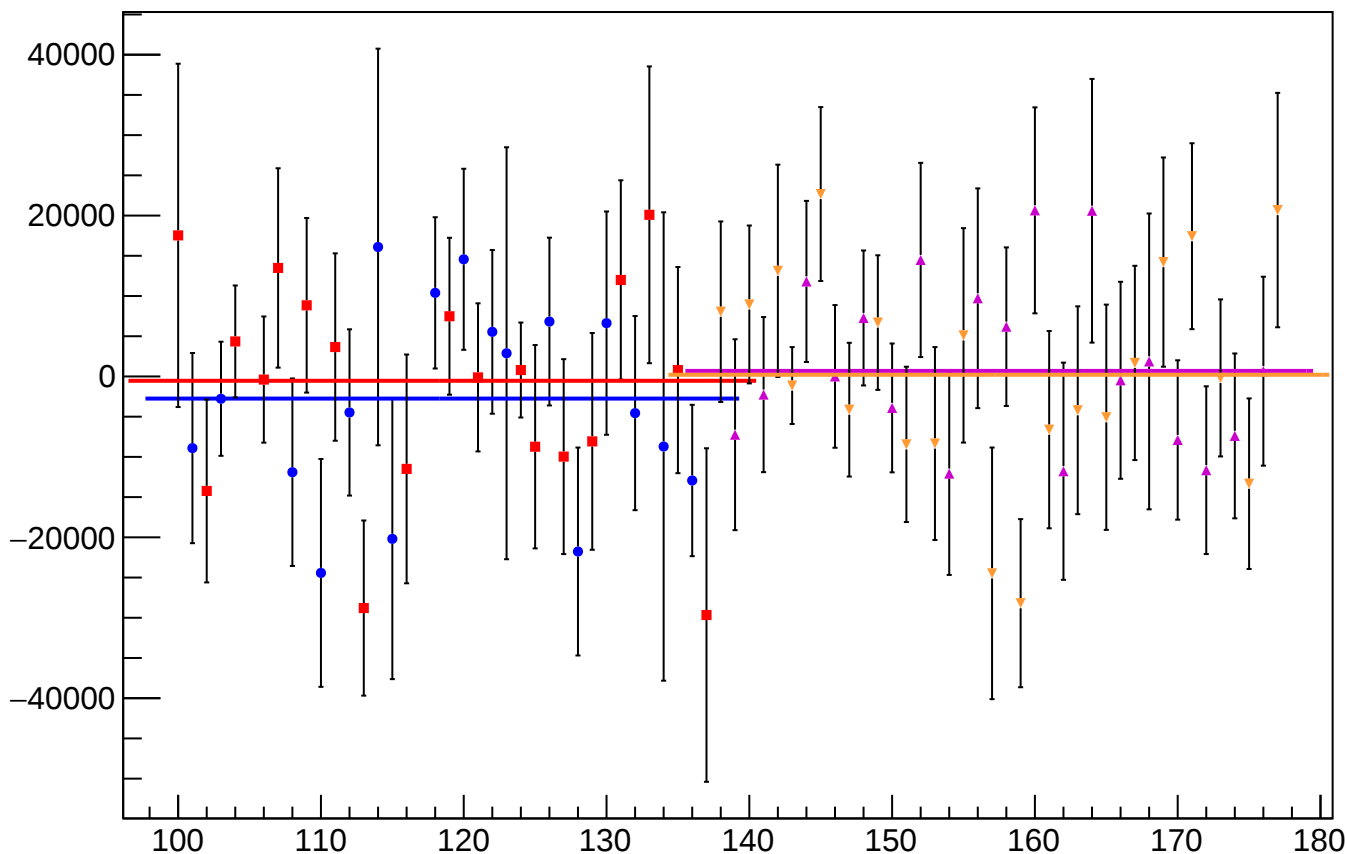
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1861.799+/-0.286 χ^2/NDF : 718343.1/35

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

All: 1875.865+/-0.202 χ^2/NDF : 2142495.4/75

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: 689.742 $\pm$ 2498.005 χ^2 /NDF:13.4/18

Left: 420.762 $\pm$ 1657.329 χ^2 /NDF: 39.8/39

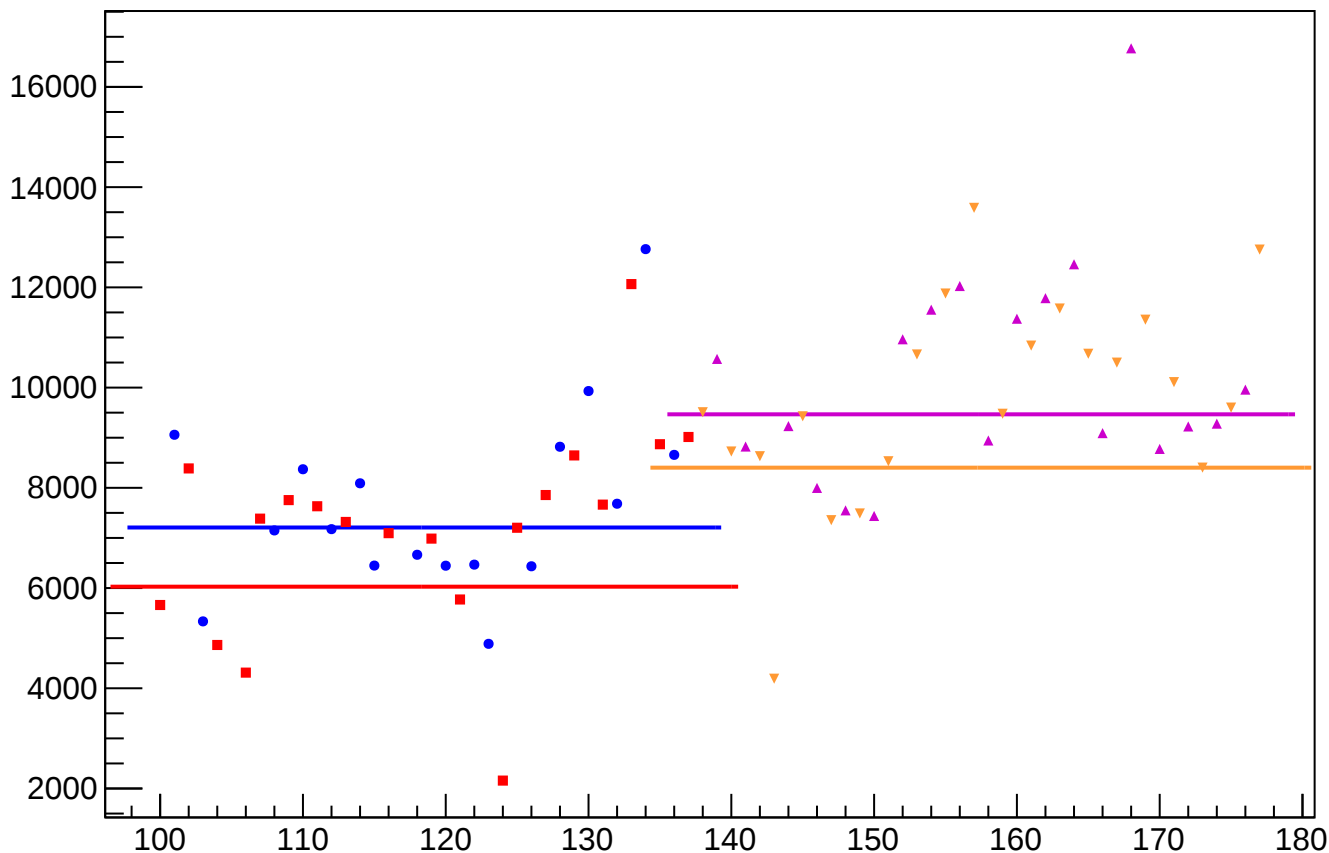
Right: -1470.363 $\pm$ 1844.820 χ^2 /NDF: 33.4/35

In: -809.540 $\pm$ 1876.368 χ^2 /NDF:28.8/35

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

All: -423.846 $\pm$ 1232.882 χ^2 /NDF: 73.8/75

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: 9466.796+/-1.766 χ^2/NDF : 978903.7/18

Left: 8870.873+/-1.172 χ^2/NDF : 3942208.8/39

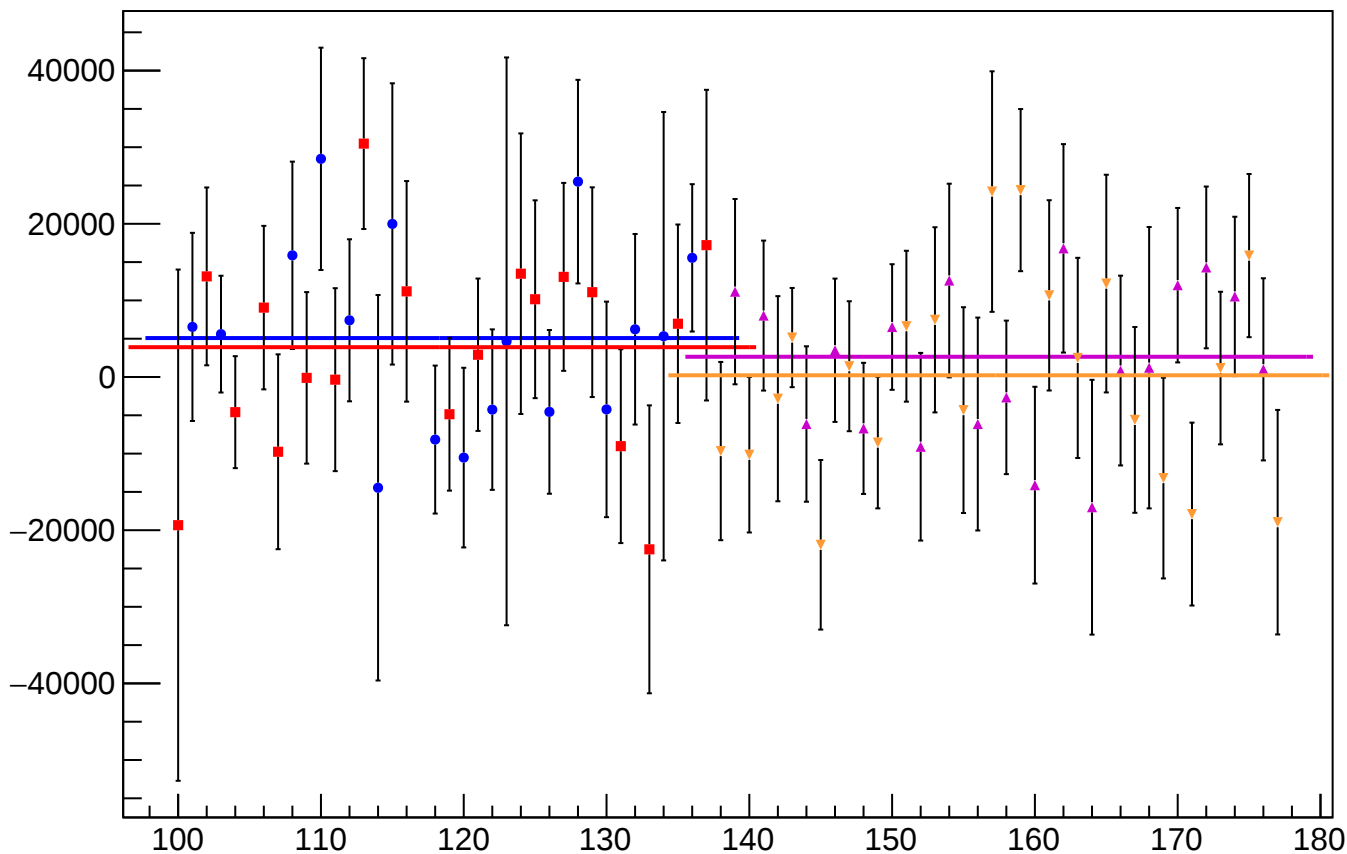
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8482.612+/-1.327 χ^2/NDF : 2185064.2/35

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

All: 7823.111+/-0.872 χ^2/NDF : 8223712.6/75

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628+/-2955.245 χ^2/NDF : 14.0/16

Left Out: 223.914+/-2368.389 χ^2/NDF : 24.8/20

Right Out: 3892.007+/-2790.271 χ^2/NDF : 15.7/18

Left In: 2643.124+/-2542.672 χ^2/NDF : 12.1/18

Left: 1347.774+/-1733.045 χ^2/NDF : 37.4/39

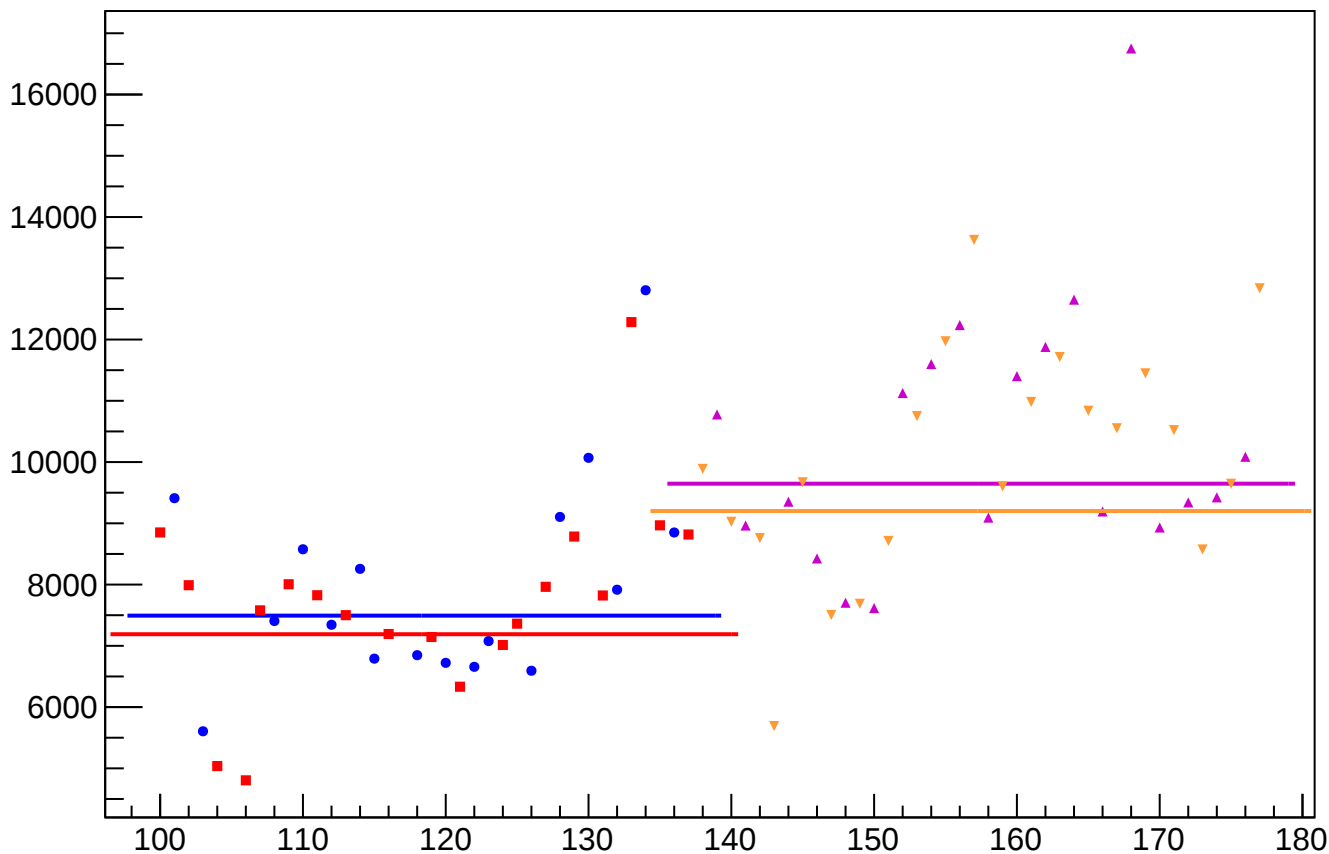
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3681.688+/-1927.442 χ^2/NDF : 26.4/35

Out: 1759.972+/-1805.635 χ^2/NDF : 41.5/39

All: 2658.193+/-1317.736 χ^2/NDF : 68.4/75

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918 $\pm$ 2.090 χ^2 /NDF: 437084.4/16

Left Out: 9200.425 $\pm$ 1.675 χ^2 /NDF: 1411620.2/20

Right Out: 7189.504 $\pm$ 1.973 χ^2 /NDF: 560893.8/18

Left In: 9646.923 $\pm$ 1.798 χ^2 /NDF: 914846.0/18

Left: 9407.849 $\pm$ 1.225 χ^2 /NDF: 2359488.2/39

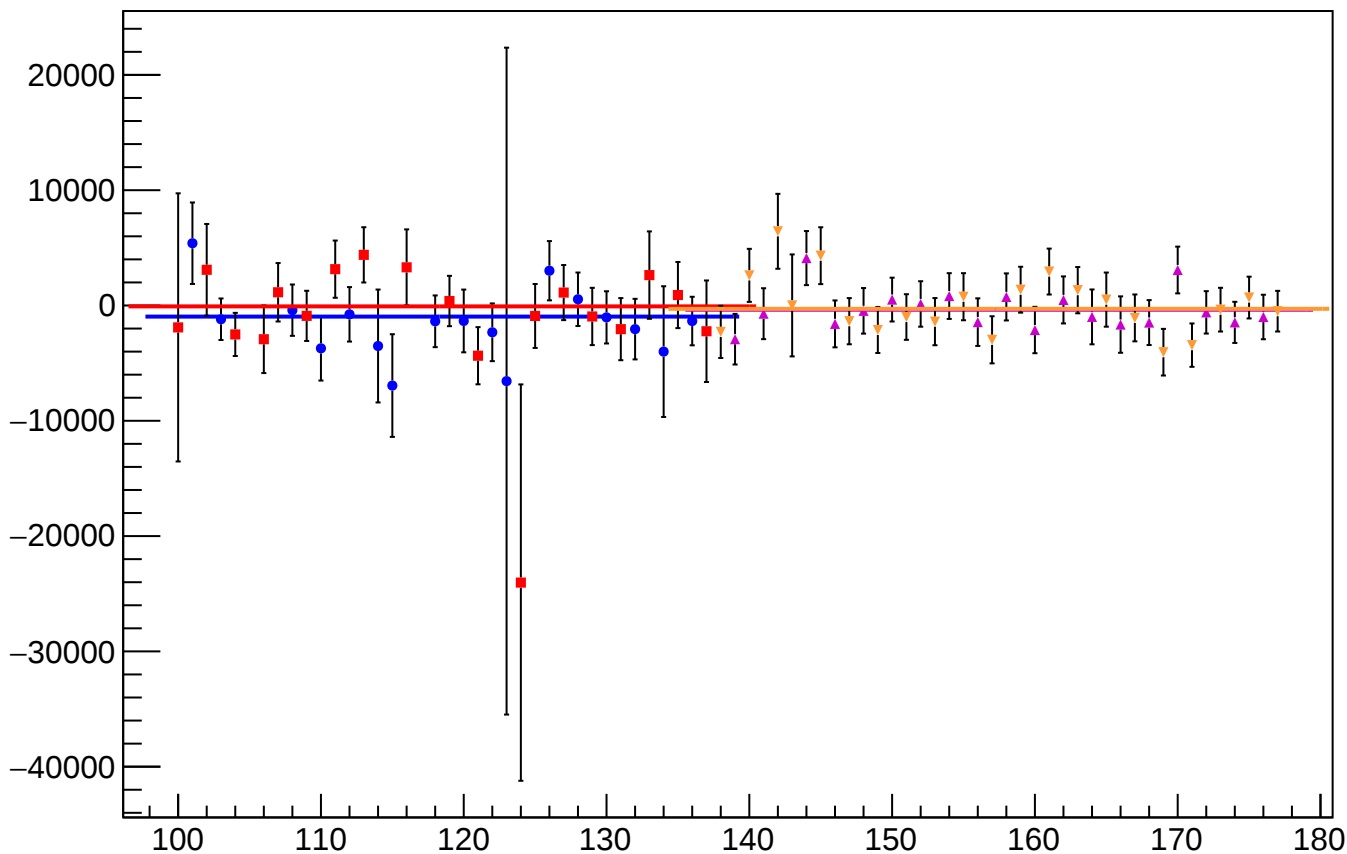
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 8730.629 $\pm$ 1.363 χ^2 /NDF: 1962494.5/35

Out: 8358.202 $\pm$ 1.277 χ^2 /NDF: 2576387.2/39

All: 8532.268 $\pm$ 0.932 χ^2 /NDF: 4578653.3/75

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541 ± 643.025 χ^2/NDF : 10.1/16

Left Out: -289.923 ± 457.507 χ^2/NDF : 24.5/20

Right Out: -76.747 ± 633.483 χ^2/NDF : 16.7/18

Left In: -369.557 ± 467.644 χ^2/NDF : 11.6/18

Left: -328.867 ± 327.031 χ^2/NDF : 36.1/39

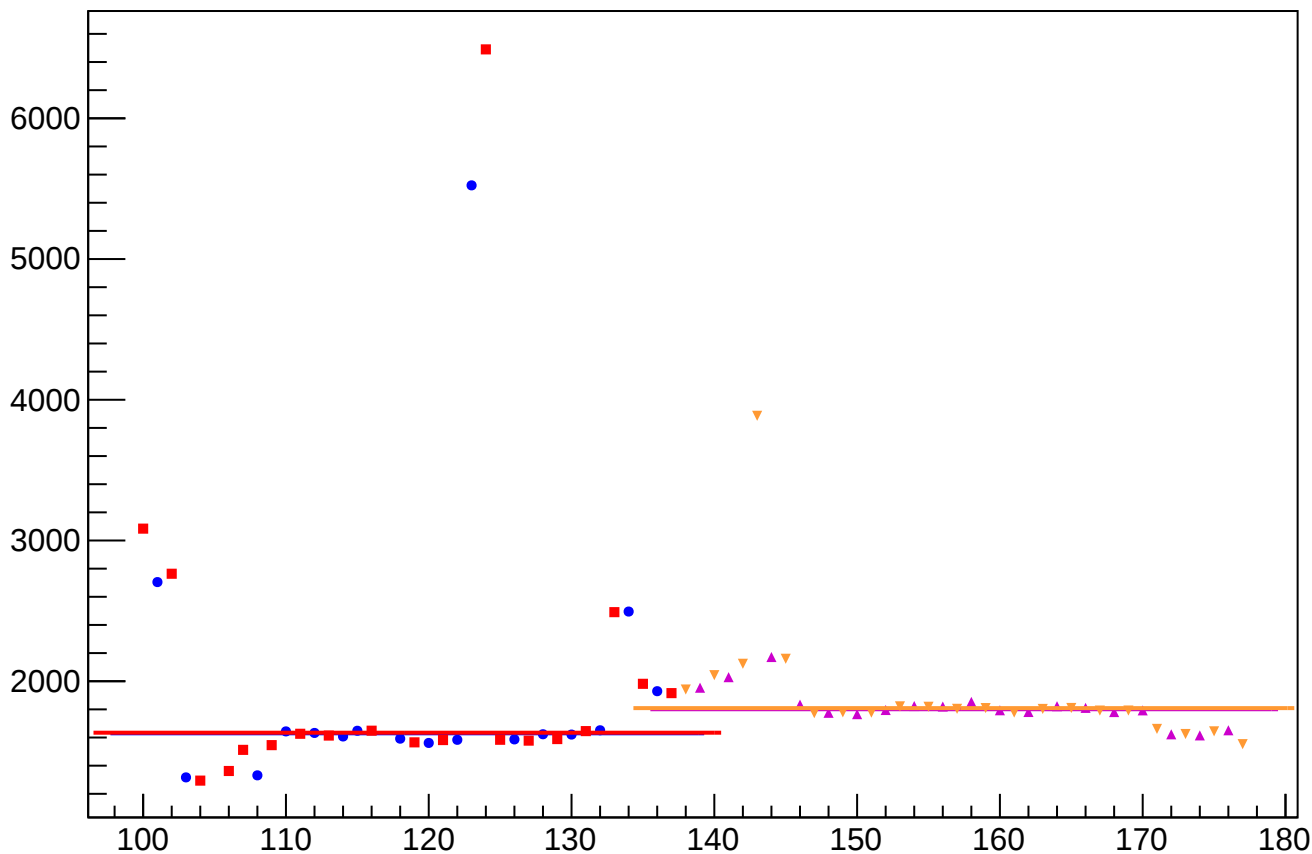
Right: -513.024 ± 451.276 χ^2/NDF : 27.8/35

In: -574.691 ± 378.203 χ^2/NDF : 22.2/35

Out: -216.848 ± 370.894 χ^2/NDF : 41.3/39

All: -392.278 ± 264.808 χ^2/NDF : 64.0/75

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: 1800.966+/-0.331 χ^2/NDF : 137553.9/18

Left: 1805.039+/-0.231 χ^2/NDF : 758394.1/39

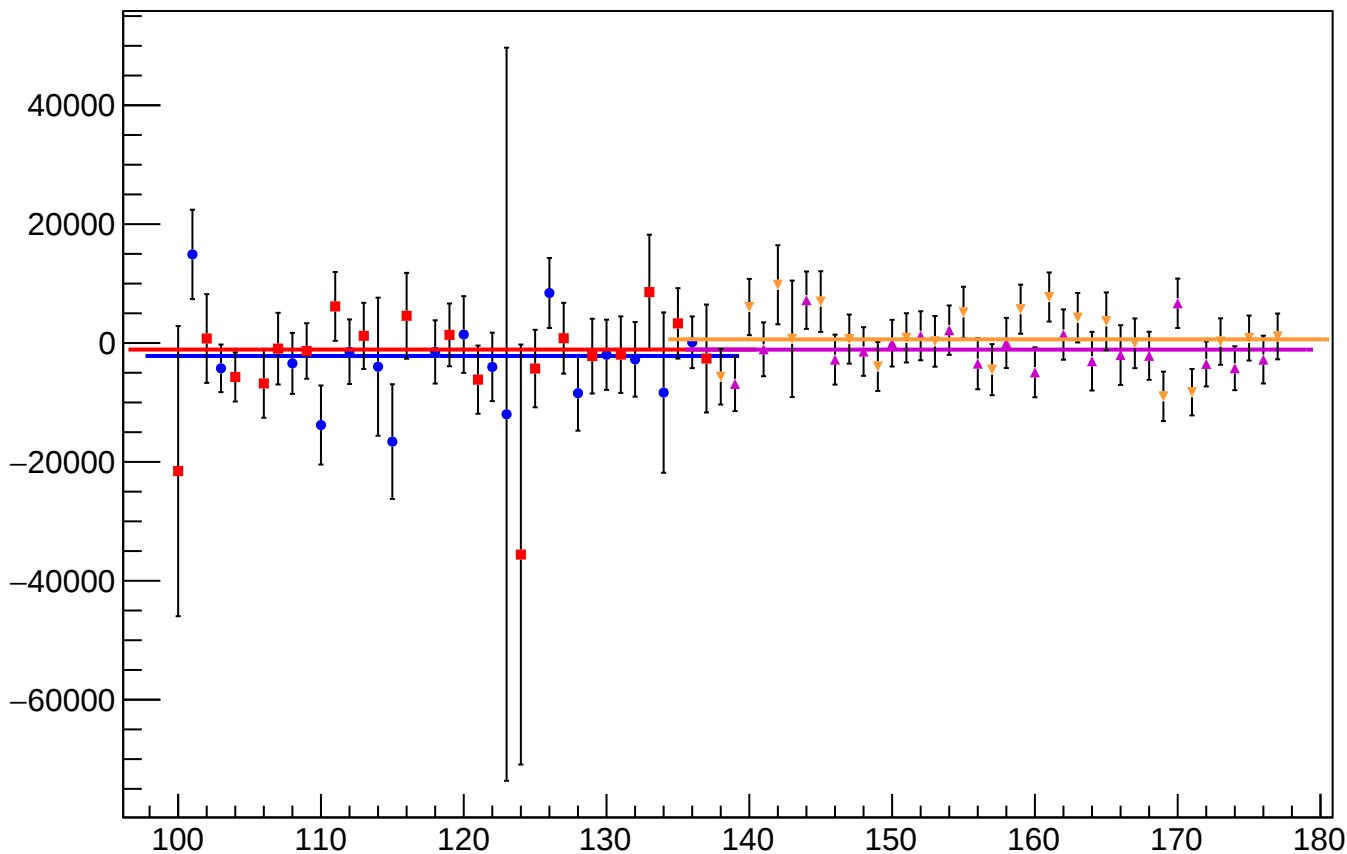
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1741.807+/-0.267 χ^2/NDF : 638228.5/35

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

All: 1745.503+/-0.187 χ^2/NDF : 1947737.7/75

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 623.831 ± 952.683 $\chi^2/\text{NDF}: 26.5/20$

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

Left In: -1109.642 ± 969.254 $\chi^2/\text{NDF}: 12.4/18$

Left: -227.960 ± 679.432 $\chi^2/\text{NDF}: 40.5/39$

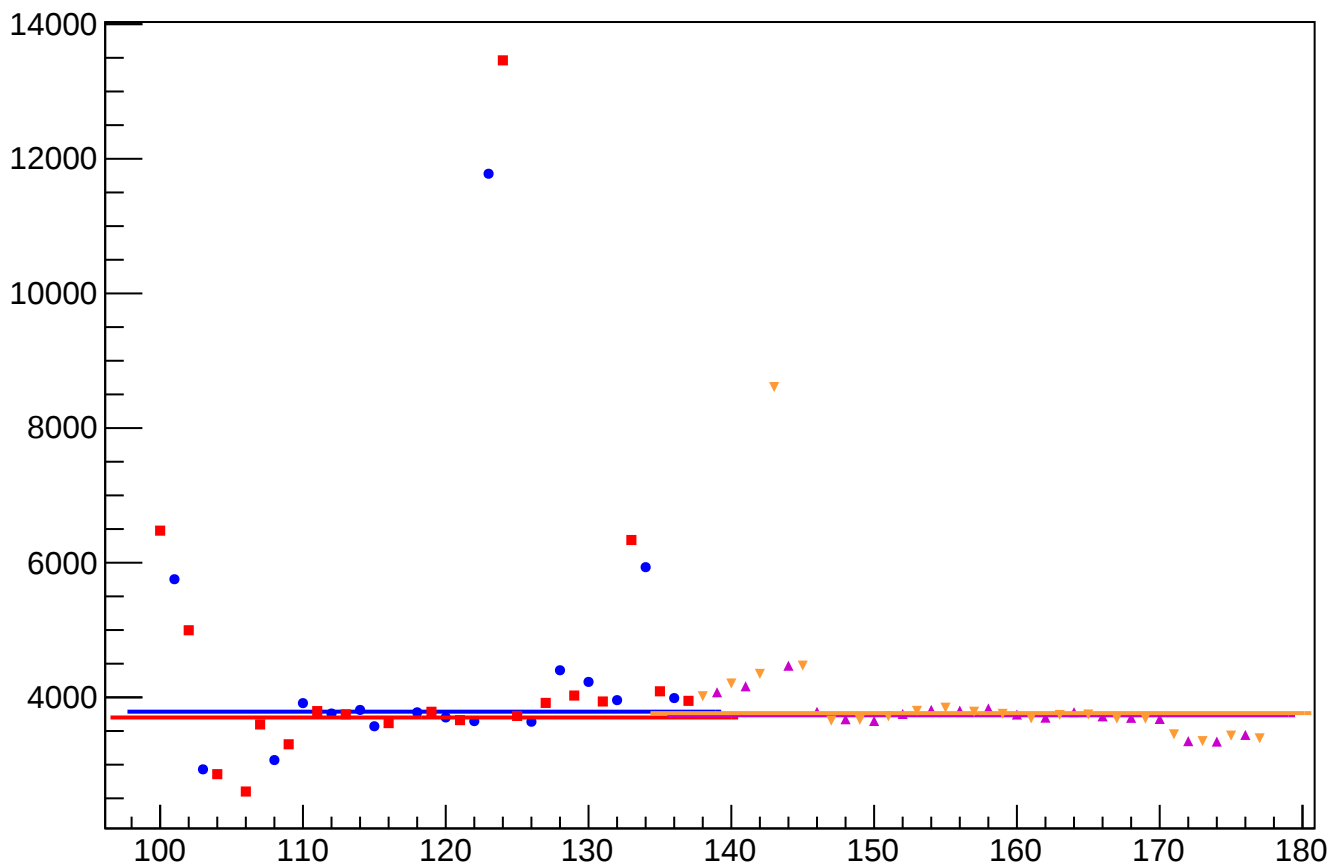
Right: -1619.192 ± 1036.406 $\chi^2/\text{NDF}: 25.5/35$

In: -1426.769 ± 812.967 $\chi^2/\text{NDF}: 28.7/35$

Out: 99.436 ± 794.509 $\chi^2/\text{NDF}: 36.8/39$

All: -646.144 ± 568.216 $\chi^2/\text{NDF}: 67.3/75$

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: 3733.137+/-0.685 χ^2/NDF : 134180.0/18

Left: 3749.773+/-0.480 χ^2/NDF : 777080.8/39

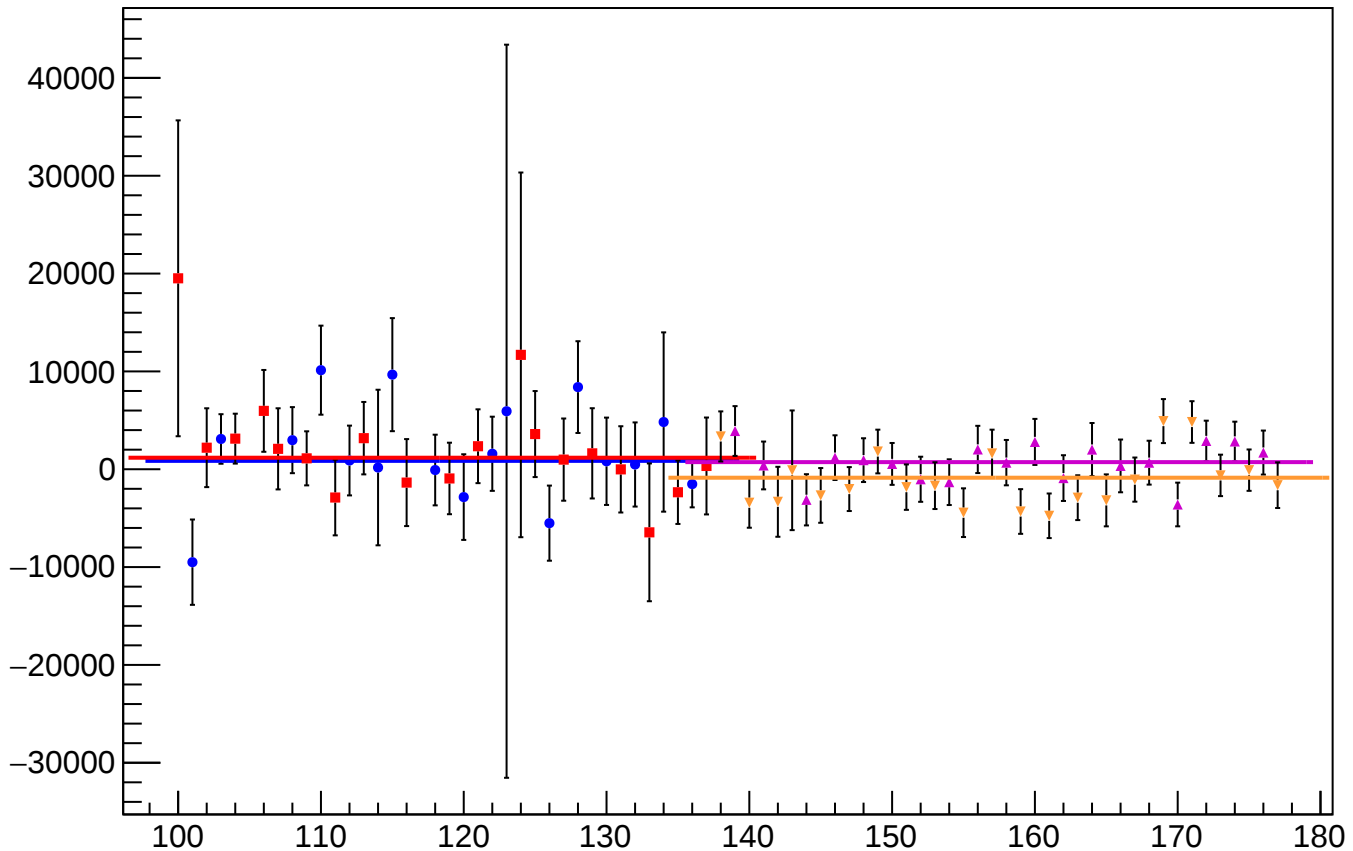
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3749.196+/-0.575 χ^2/NDF : 528682.6/35

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

All: 3747.601+/-0.402 χ^2/NDF : 1754362.4/75

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 ± 964.743 χ^2/NDF : 20.7/16

Left Out: -866.101 ± 527.714 χ^2/NDF : 30.5/20

Right Out: 1178.044 ± 925.669 χ^2/NDF : 8.6/18

Left In: 727.547 ± 533.023 χ^2/NDF : 13.1/18

Left: -77.254 ± 375.013 χ^2/NDF : 48.1/39

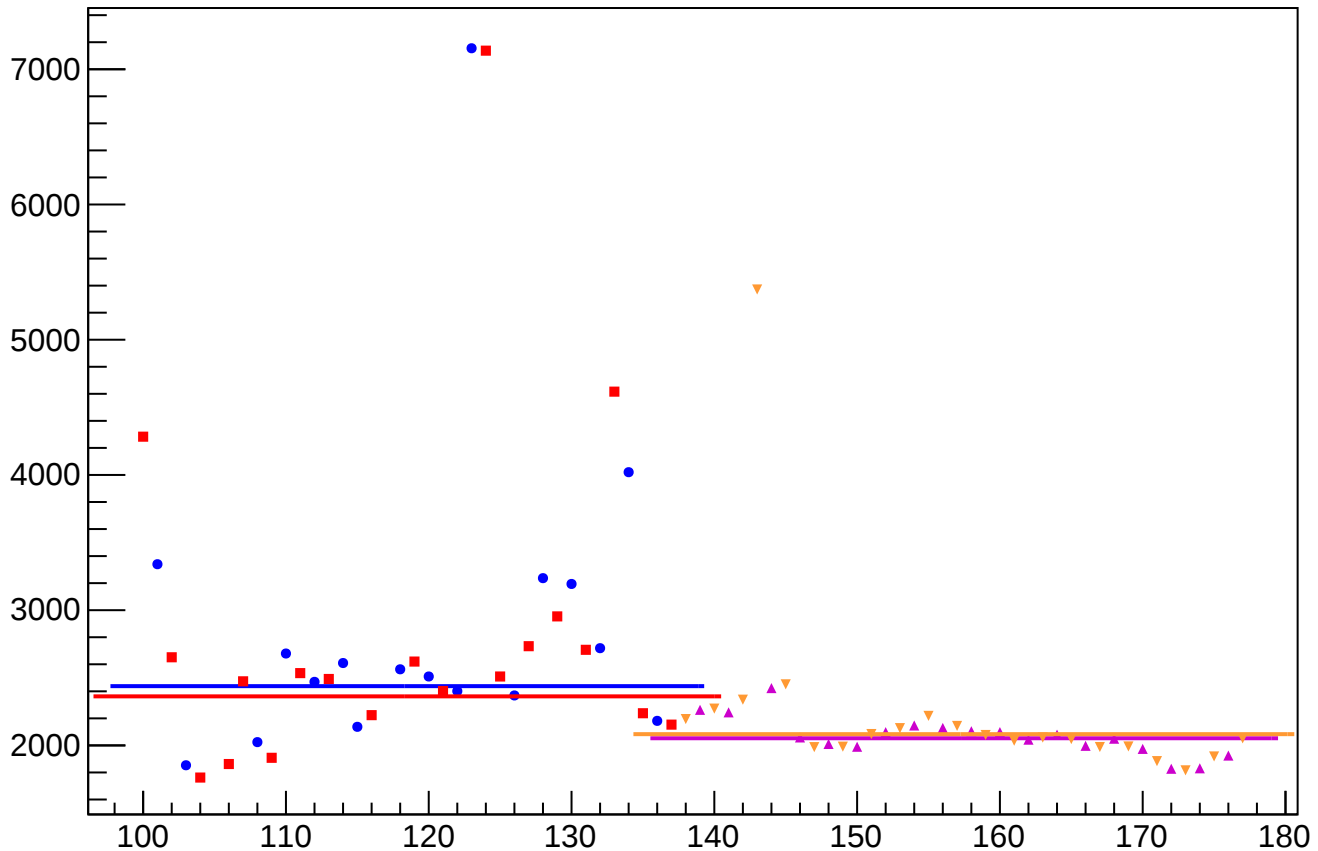
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 757.631 ± 466.549 χ^2/NDF : 33.8/35

Out: -364.706 ± 458.448 χ^2/NDF : 42.7/39

All: 186.634 ± 326.998 χ^2/NDF : 79.4/75

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 $\pm$ 0.682 χ^2/NDF : 476723.4/16

Left Out: 2083.262 $\pm$ 0.373 χ^2/NDF : 723108.5/20

Right Out: 2362.739 $\pm$ 0.655 χ^2/NDF : 657525.3/18

Left In: 2052.975 $\pm$ 0.377 χ^2/NDF : 134352.3/18

Left: 2068.270 $\pm$ 0.265 χ^2/NDF : 860721.6/39

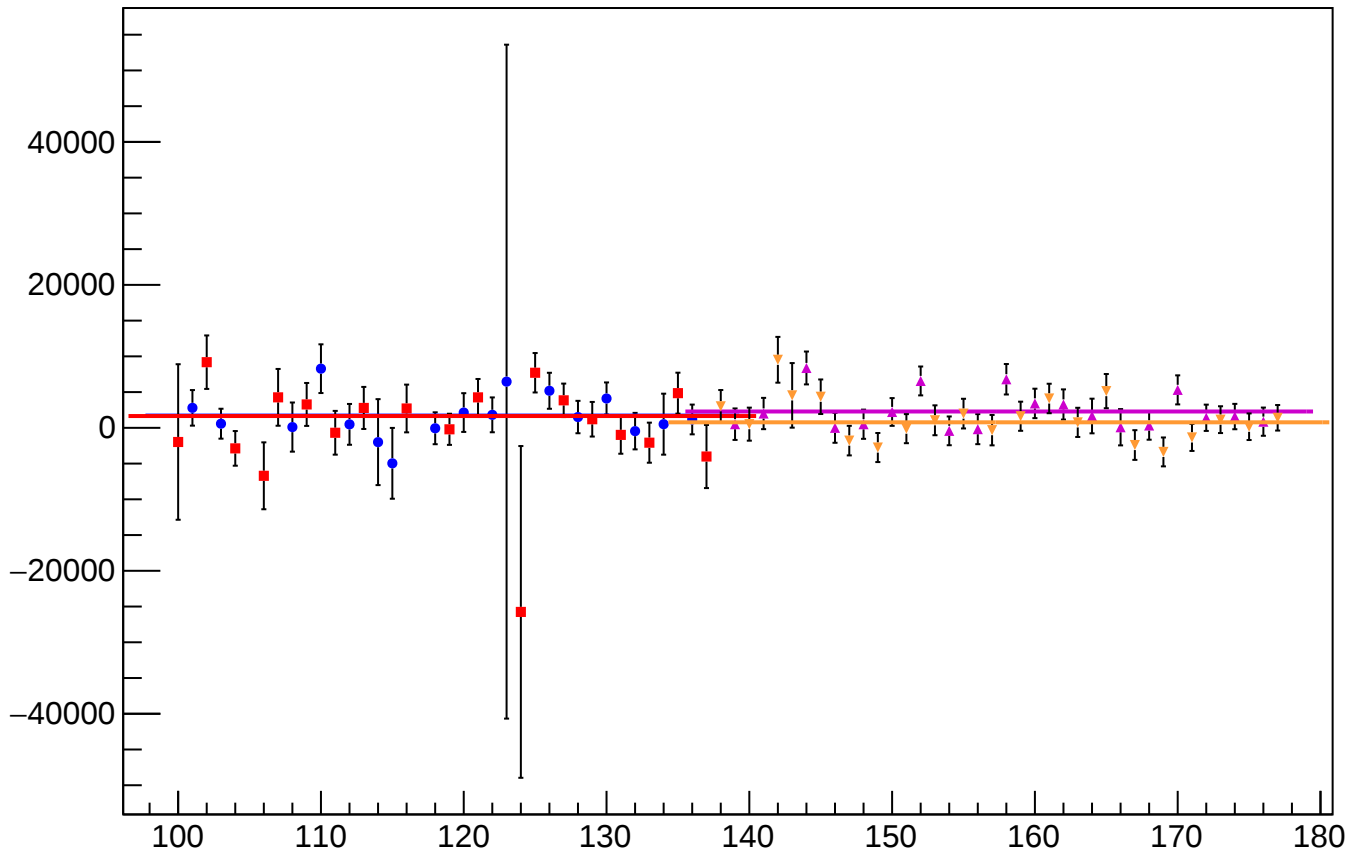
Right: 2398.946 $\pm$ 0.472 χ^2/NDF : 1140632.3/35

In: 2143.085 $\pm$ 0.330 χ^2/NDF : 855479.8/35

Out: 2151.813 $\pm$ 0.324 χ^2/NDF : 1518227.5/39

All: 2147.526 $\pm$ 0.231 χ^2/NDF : 2374063.3/75

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: 2287.009 $\pm$ 475.333 χ^2/NDF : 27.2/18

Left: 1513.461 $\pm$ 332.299 χ^2/NDF : 63.2/39

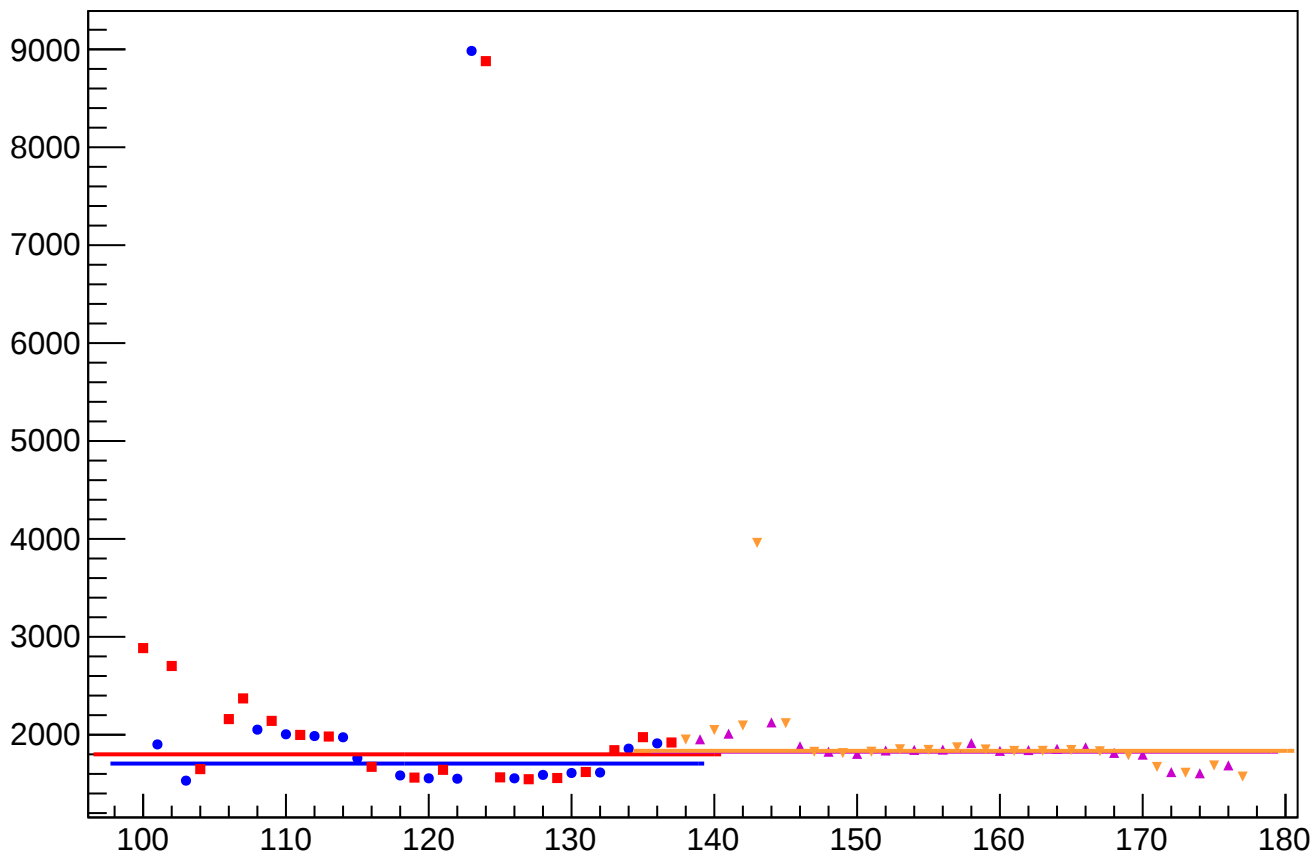
Right: 1682.780 $\pm$ 481.052 χ^2/NDF : 38.3/35

In: 2093.589 $\pm$ 387.124 χ^2/NDF : 39.1/35

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

All: 1568.156 $\pm$ 273.410 χ^2/NDF : 101.6/75

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624+/-0.472 χ^2/NDF : 194174.2/16

Left Out: 1835.568+/-0.329 χ^2/NDF : 606310.3/20

Right Out: 1799.992+/-0.490 χ^2/NDF : 538779.9/18

Left In: 1826.979+/-0.336 χ^2/NDF : 128288.5/18

Left: 1831.370+/-0.235 χ^2/NDF : 734932.7/39

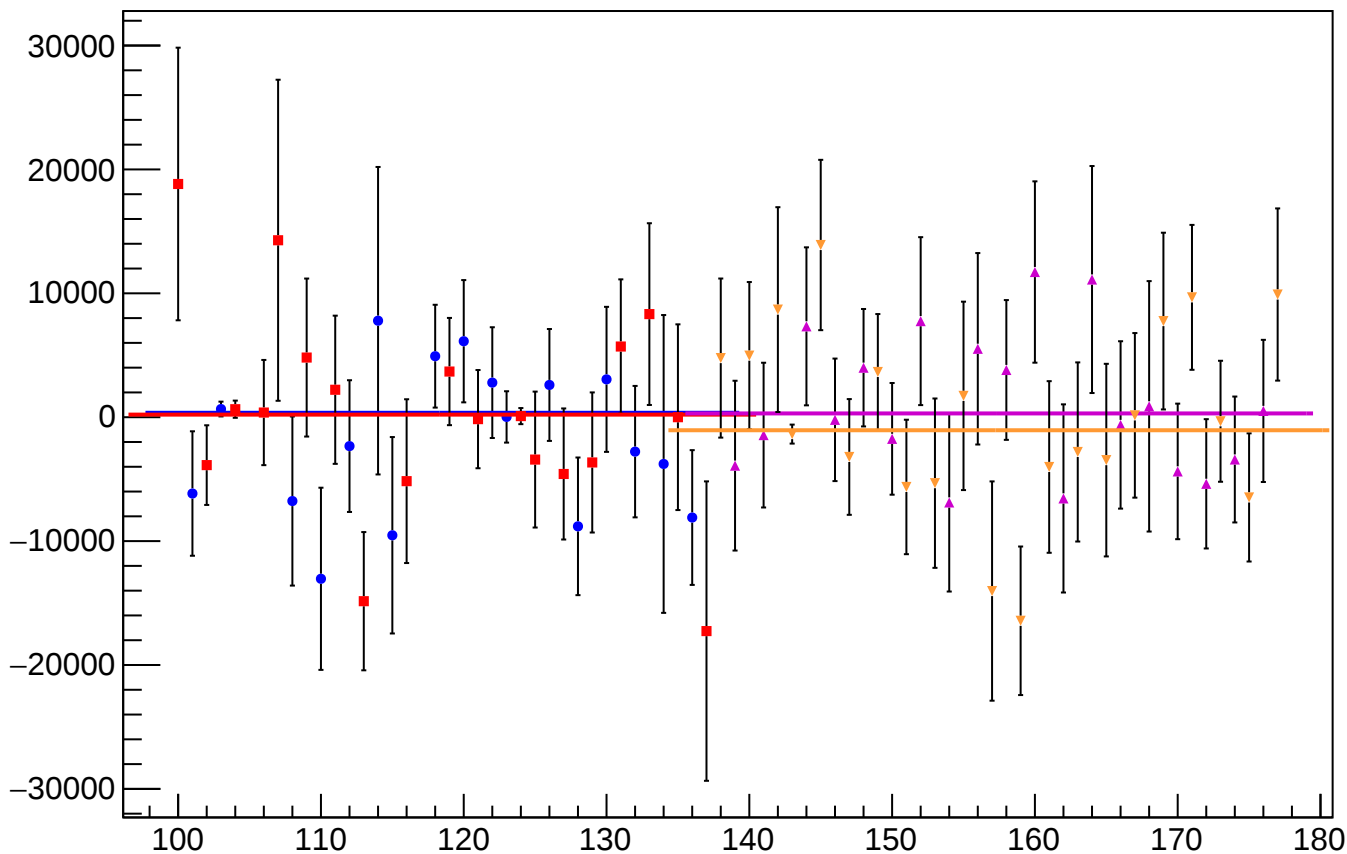
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1786.118+/-0.274 χ^2/NDF : 366356.5/35

Out: 1824.527+/-0.273 χ^2/NDF : 1148727.7/39

All: 1805.381+/-0.193 χ^2/NDF : 1524958.6/75

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: 305.662 $\pm$ 1389.446 χ^2 /NDF:12.7/18

Left: -795.880 $\pm$ 603.780 χ^2 /NDF: 41.6/39

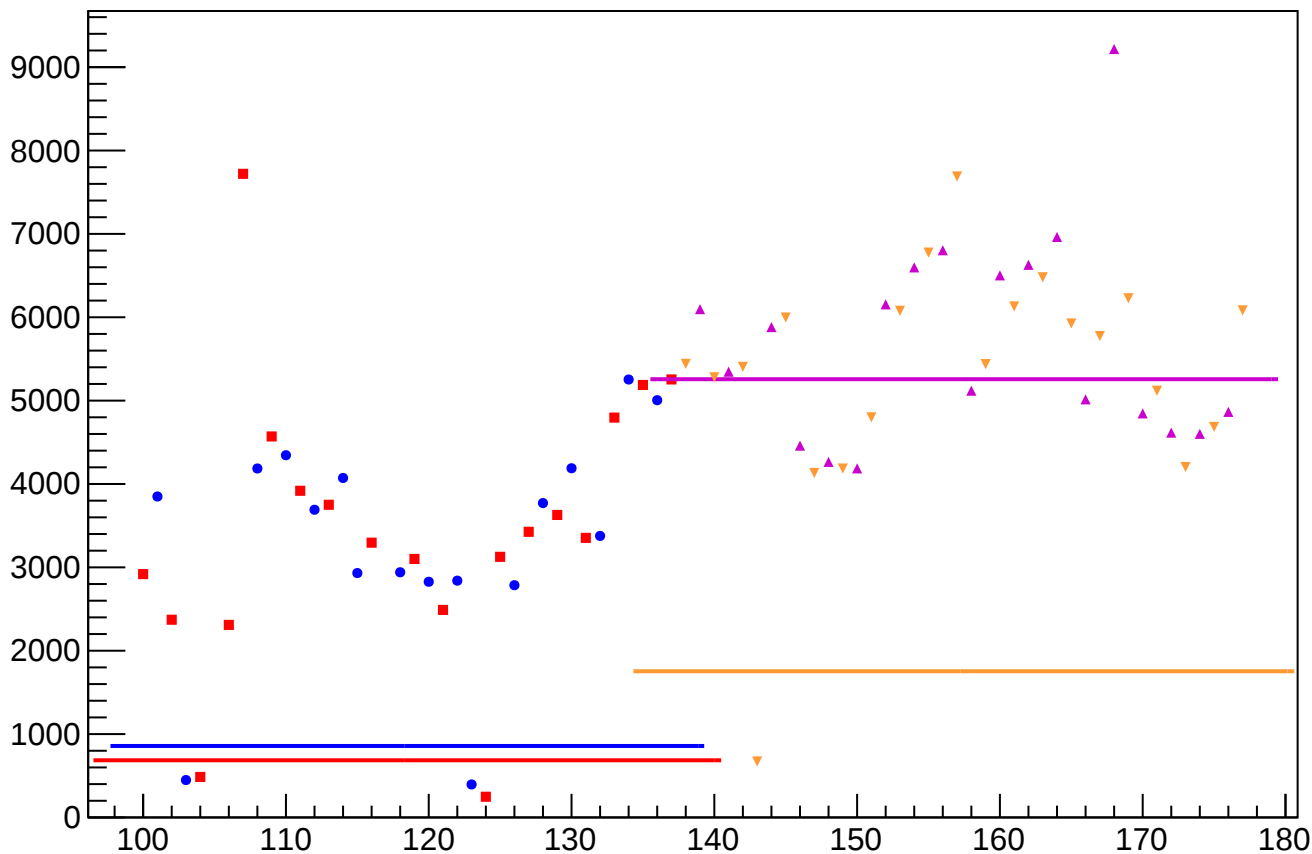
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 350.432 $\pm$ 497.811 χ^2 /NDF:30.2/35

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

All: 11.076 $\pm$ 297.831 χ^2 /NDF: 82.9/75

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: 5256.873 $\pm$ 0.982 χ^2 /NDF:1074308.5/18

Left: 2415.134 $\pm$ 0.427 χ^2 /NDF: 29250058.3/39

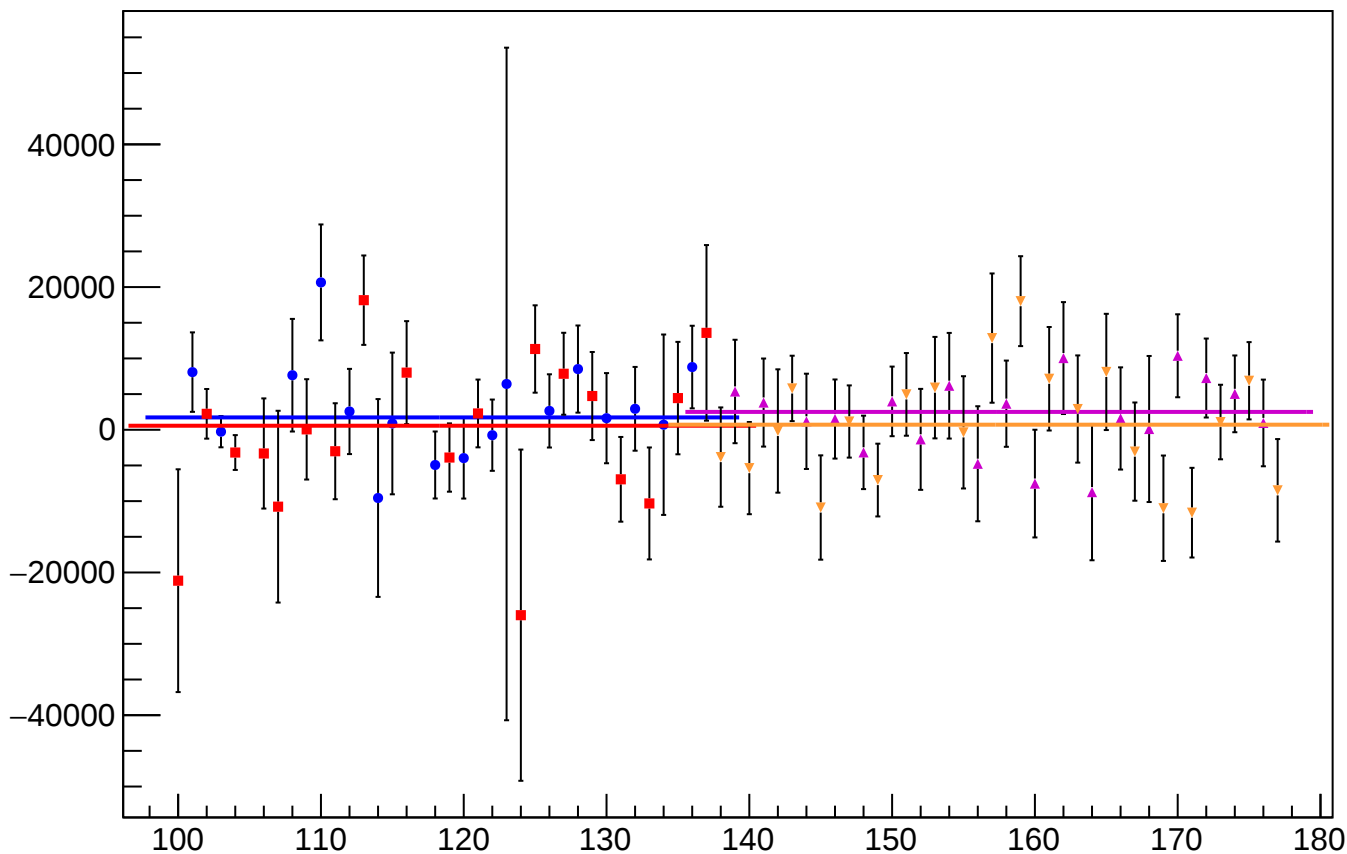
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1422.200 $\pm$ 0.352 χ^2 /NDF:26726623.4/35

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

All: 1160.147 $\pm$ 0.211 χ^2 /NDF: 58427577.5/77

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: 2504.499+/-1476.406 χ^2/NDF : 10.0/18

Left: 1560.001+/-1015.179 χ^2/NDF : 39.9/39

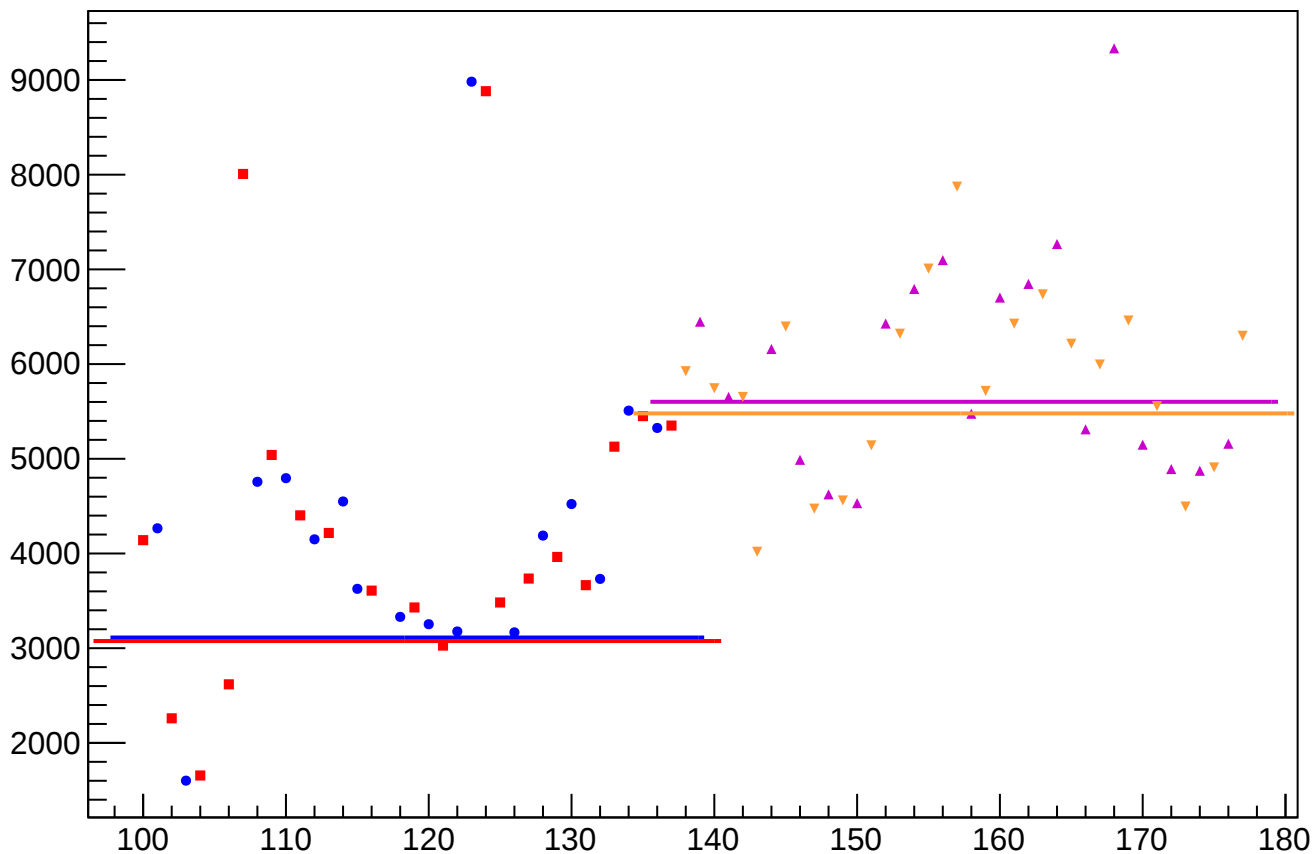
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 2071.424+/-977.620 χ^2/NDF : 25.0/35

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

All: 1329.549+/-680.061 χ^2/NDF : 82.4/75

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686+/-0.922 χ^2/NDF : 1884511.8/16

Left Out: 5479.090+/-0.989 χ^2/NDF : 916194.8/20

Right Out: 3075.702+/-0.896 χ^2/NDF : 2011000.5/18

Left In: 5601.805+/-1.044 χ^2/NDF : 898326.5/18

Left: 5537.109+/-0.718 χ^2/NDF : 1821805.6/39

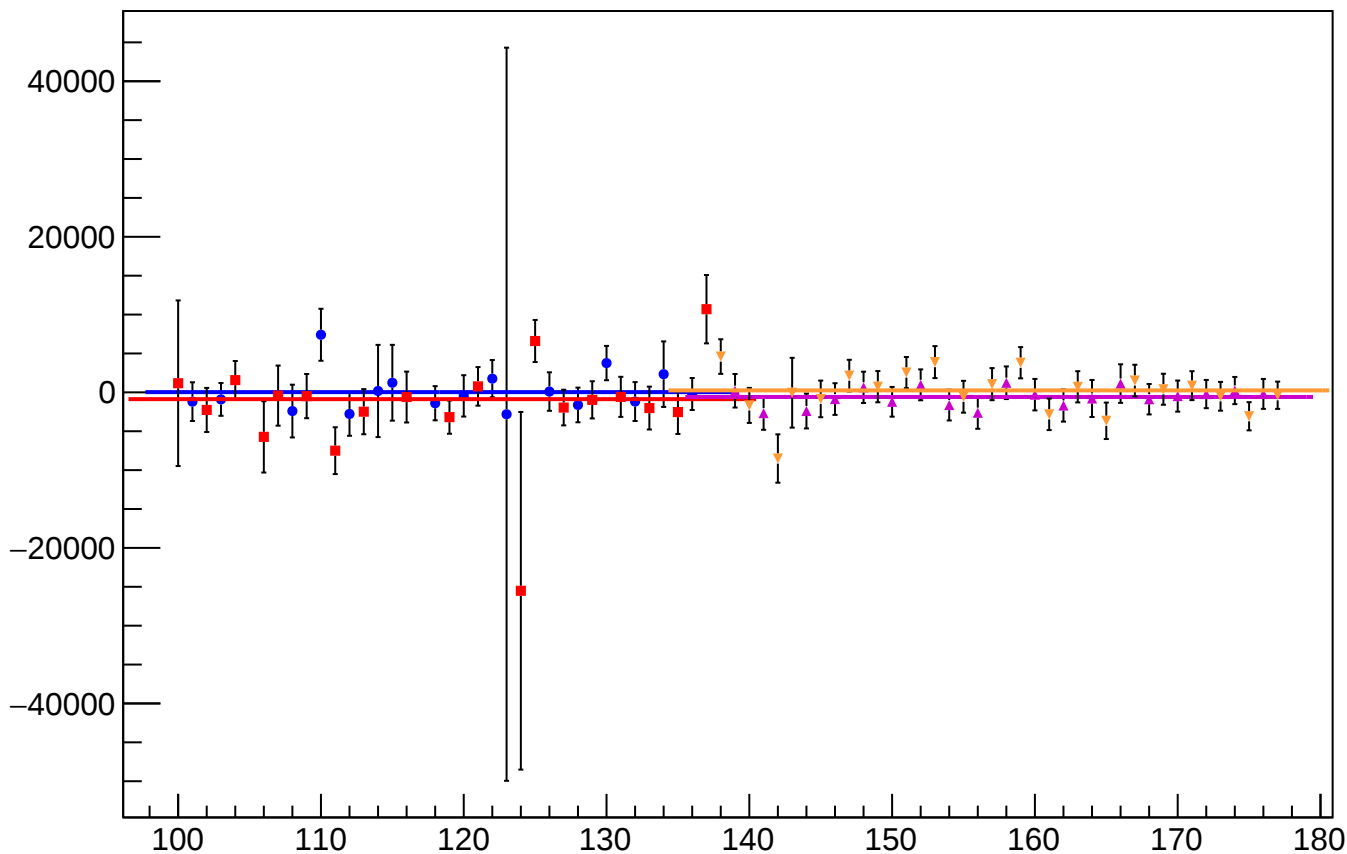
Right: 3093.663+/-0.643 χ^2/NDF : 3896339.1/35

In: 4204.056+/-0.691 χ^2/NDF : 5975060.0/35

Out: 4160.058+/-0.664 χ^2/NDF : 6170612.7/39

All: 4181.174+/-0.479 χ^2/NDF : 12147779.6/74

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: -593.225 ± 466.607 χ^2/NDF : 6.0/18

Left: -161.082 ± 326.113 χ^2/NDF : 38.5/39

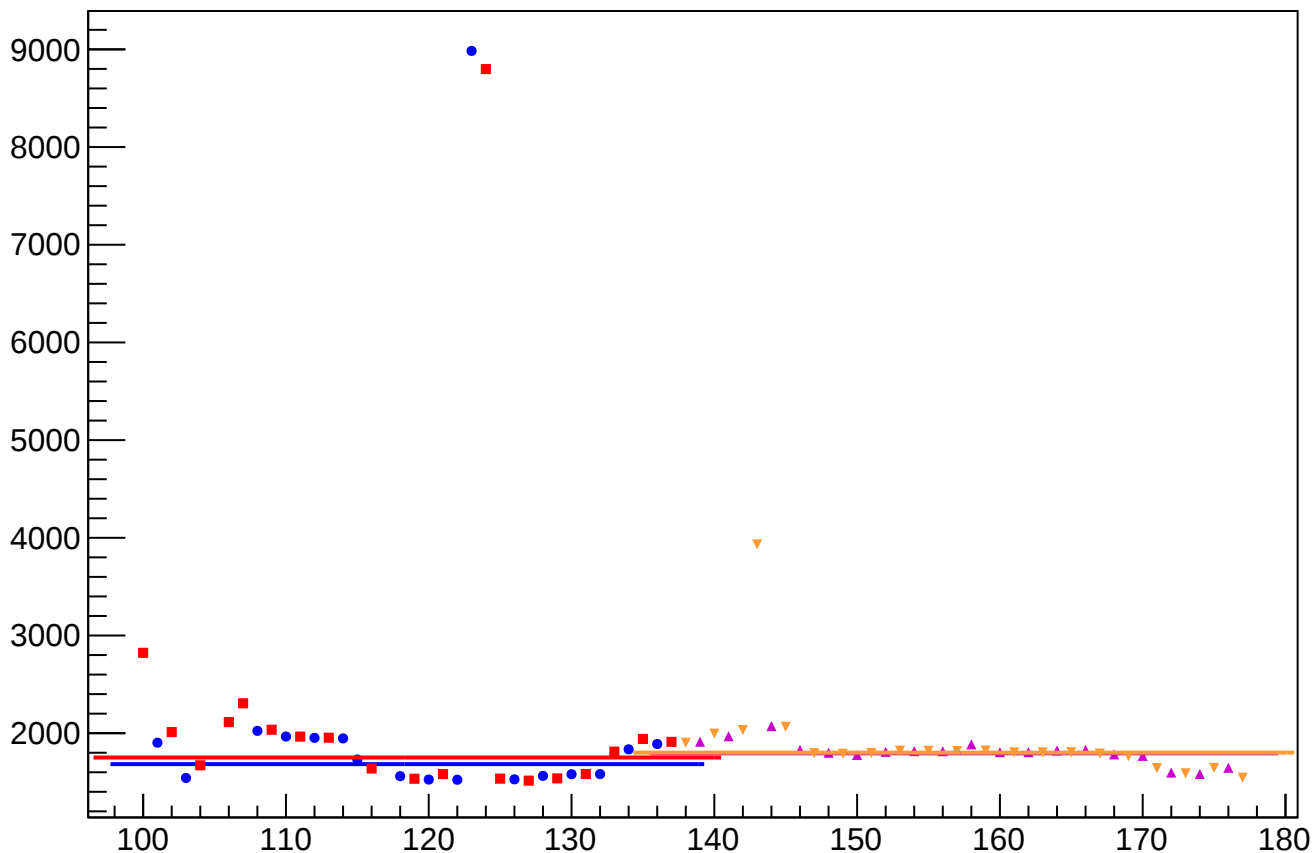
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -385.161 ± 380.698 χ^2/NDF : 18.4/35

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

All: -242.648 ± 268.068 χ^2/NDF : 77.1/75

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124 $\pm$ 0.466 χ^2/NDF : 195857.2/16

Left Out: 1801.049 $\pm$ 0.322 χ^2/NDF : 606494.1/20

Right Out: 1751.086 $\pm$ 0.475 χ^2/NDF : 427069.6/18

Left In: 1793.769 $\pm$ 0.330 χ^2/NDF : 121337.5/18

Left: 1797.493 $\pm$ 0.231 χ^2/NDF : 728080.7/39

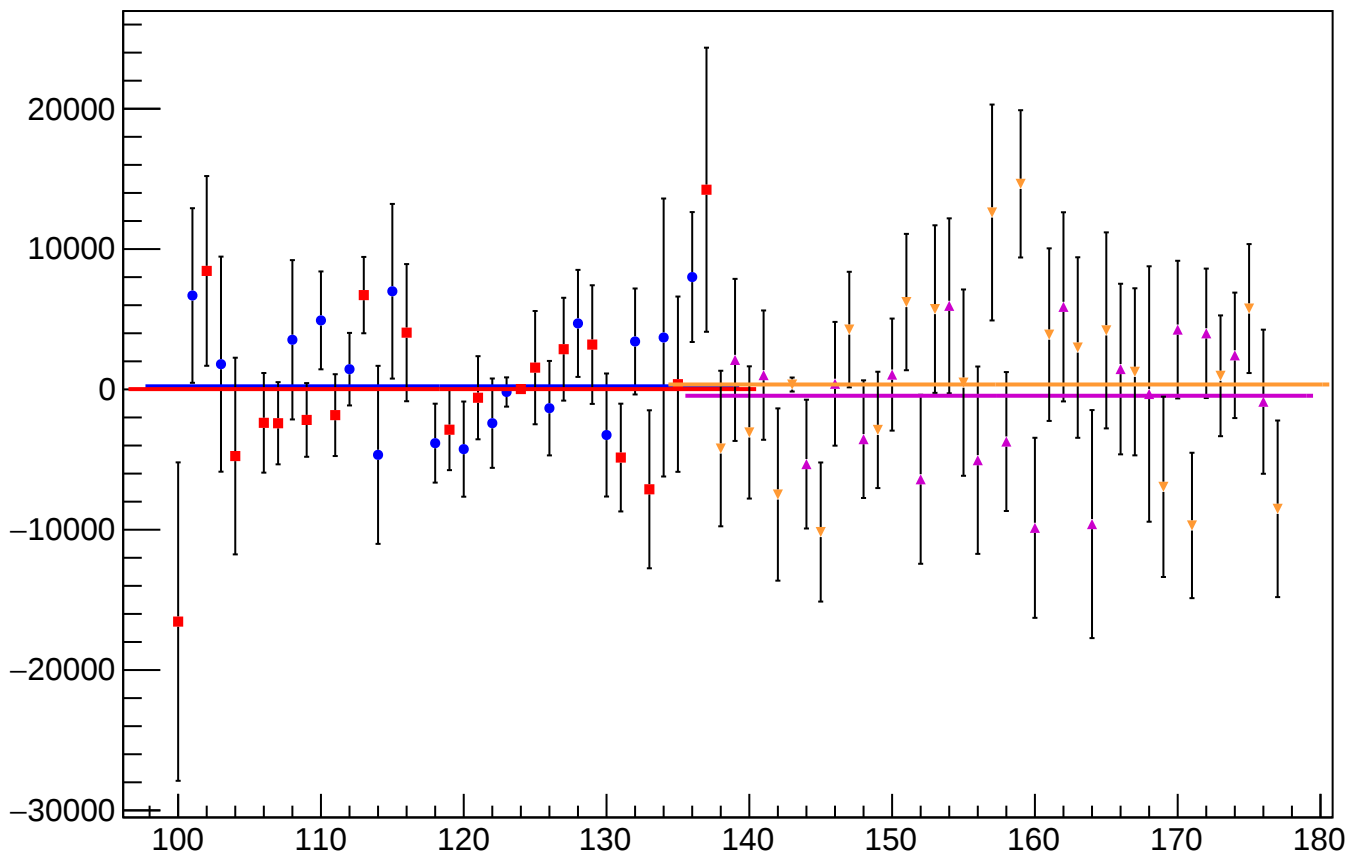
Right: 1716.421 $\pm$ 0.332 χ^2/NDF : 633367.1/35

In: 1756.777 $\pm$ 0.269 χ^2/NDF : 354792.9/35

Out: 1785.291 $\pm$ 0.267 χ^2/NDF : 1041137.4/39

All: 1771.163 $\pm$ 0.189 χ^2/NDF : 1401591.1/75

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808+/-720.915 χ^2/NDF : 15.8/16

Left Out: 350.094+/-460.912 χ^2/NDF :30.4/20

Right Out: 20.268+/-114.130 χ^2/NDF : 20.7/18

Left In: -452.790+/-1204.475 χ^2/NDF :11.8/18

Left: 247.542+/-430.471 χ^2/NDF : 42.5/39

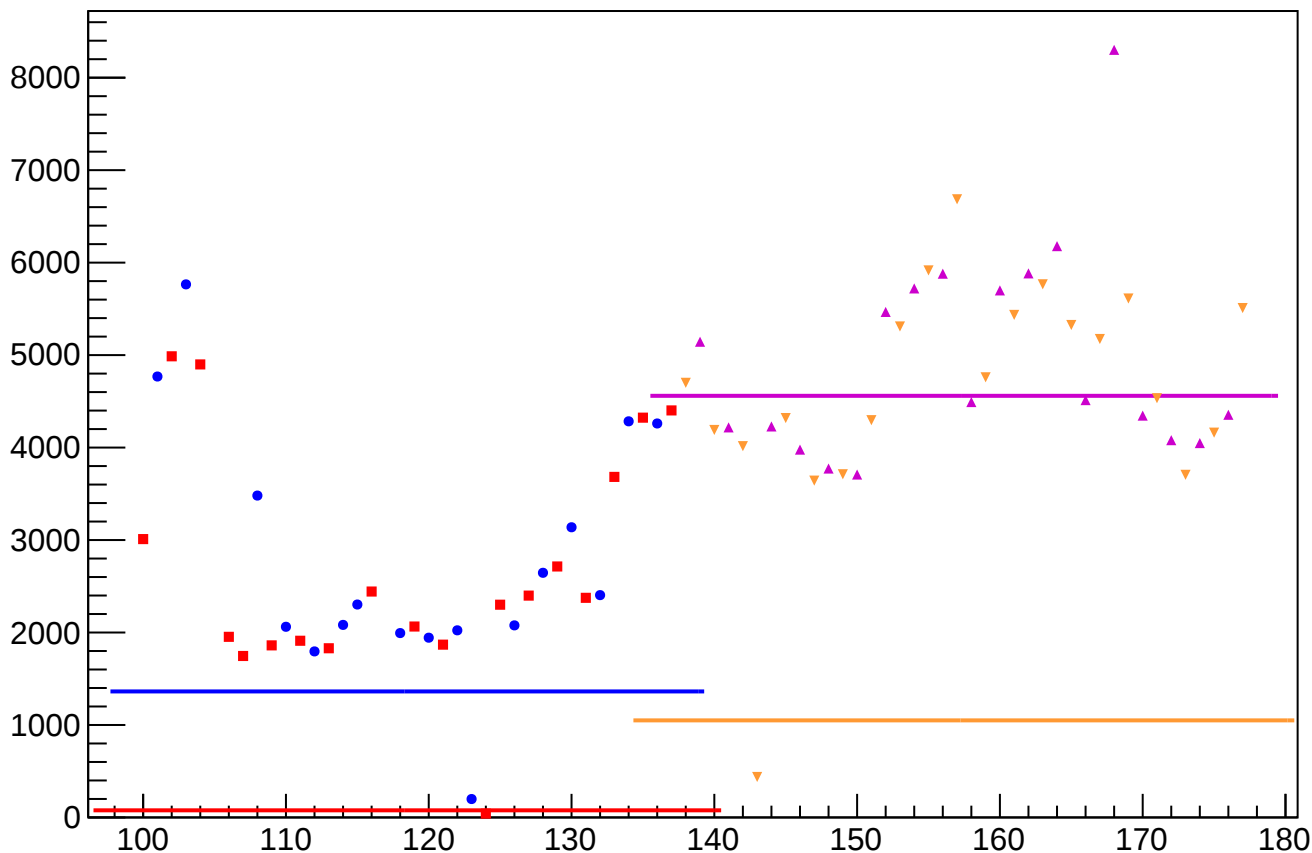
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

In: 42.409+/-618.580 χ^2/NDF :27.8/35

Out: 39.323+/-110.784 χ^2/NDF :51.5/39

All: 39.419+/-109.049 χ^2/NDF : 79.4/75

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842+/-0.510 χ^2/NDF : 6235846.3/16

Left Out: 1049.860+/-0.326 χ^2/NDF : 21169489.5/20

Right Out: 77.129+/-0.081 χ^2/NDF : 13248048.9/18

Left In: 4559.673+/-0.852 χ^2/NDF : 1043975.4/18

Left: 1498.167+/-0.304 χ^2/NDF : 37026819.3/39

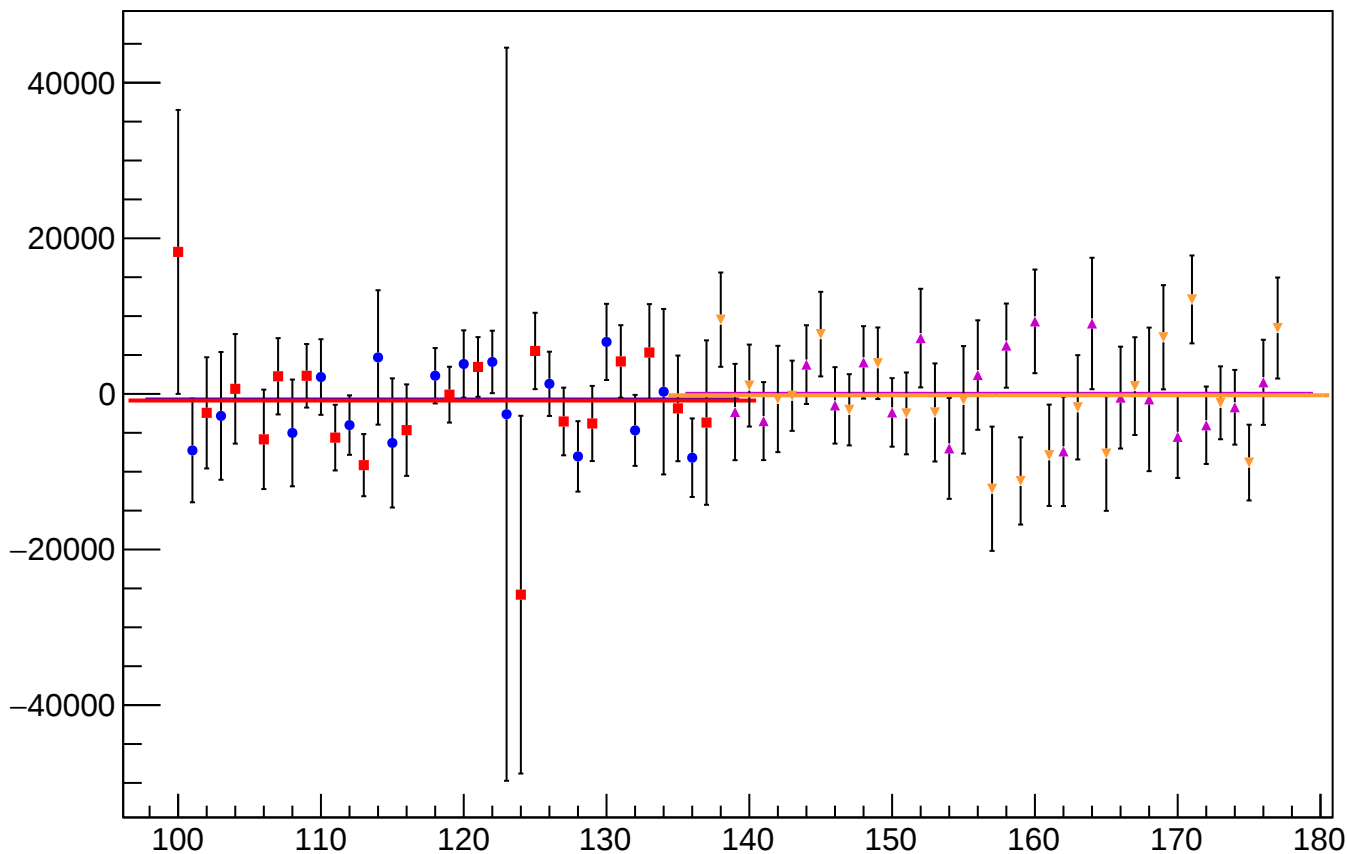
Right: 108.564+/-0.080 χ^2/NDF : 25689718.3/35

In: 2206.014+/-0.437 χ^2/NDF : 17652658.1/35

Out: 133.325+/-0.078 χ^2/NDF : 42810891.4/39

All: 197.740+/-0.077 χ^2/NDF : 82220344.0/75

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483 ± 1252.519 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -173.559 ± 1243.150 $\chi^2/\text{NDF}: 25.6/20$

Right Out: -849.844 ± 1191.907 $\chi^2/\text{NDF}: 16.0/18$

Left In: 12.322 ± 1299.702 $\chi^2/\text{NDF}: 12.4/18$

Left: -84.750 ± 898.367 $\chi^2/\text{NDF}: 38.0/39$

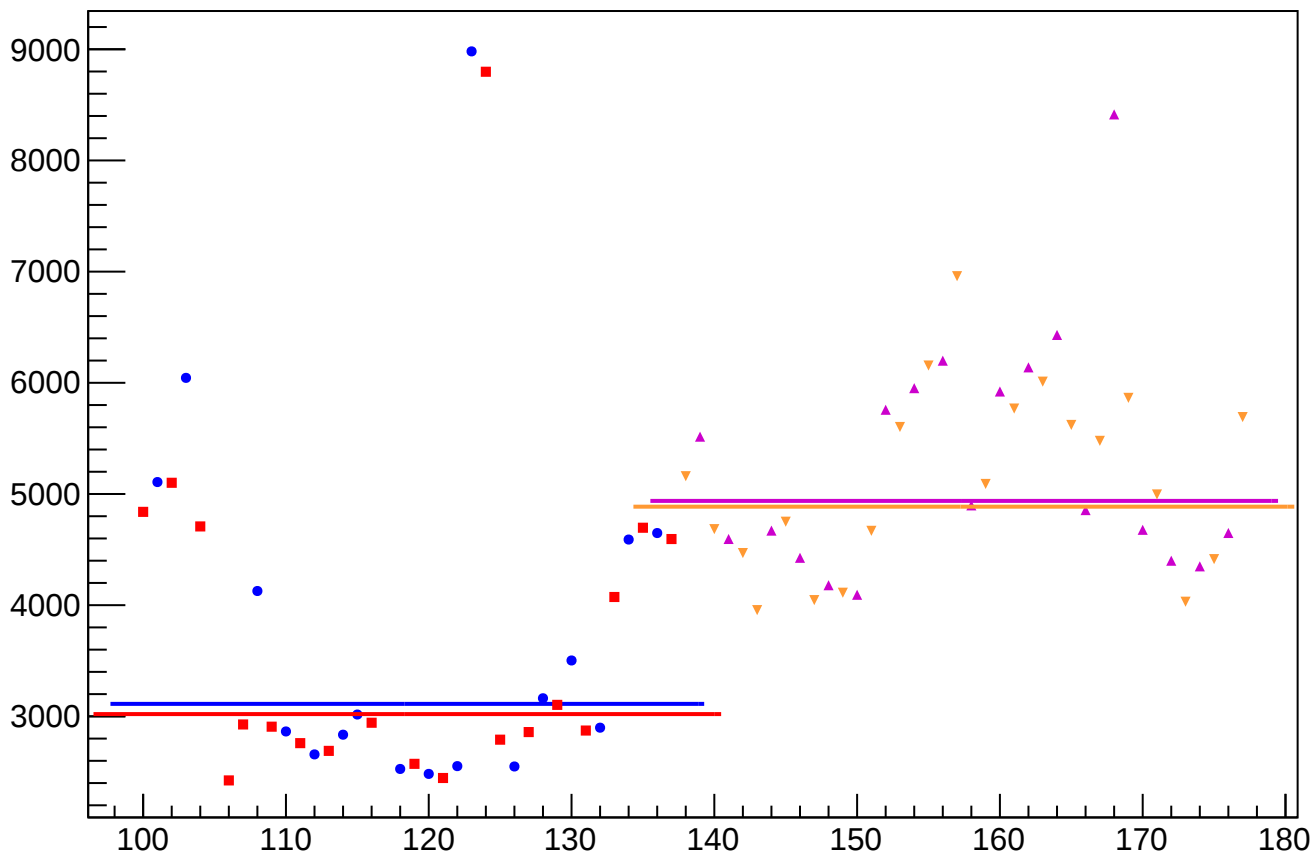
Right: -788.845 ± 863.438 $\chi^2/\text{NDF}: 30.8/35$

In: -368.142 ± 901.884 $\chi^2/\text{NDF}: 27.3/35$

Out: -525.927 ± 860.351 $\chi^2/\text{NDF}: 41.8/39$

All: -450.751 ± 622.525 $\chi^2/\text{NDF}: 69.1/75$

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: 4937.852 $\pm$ 0.919 χ^2 /NDF: 839932.5/18

Left: 4910.710 $\pm$ 0.635 χ^2 /NDF: 1591017.9/39

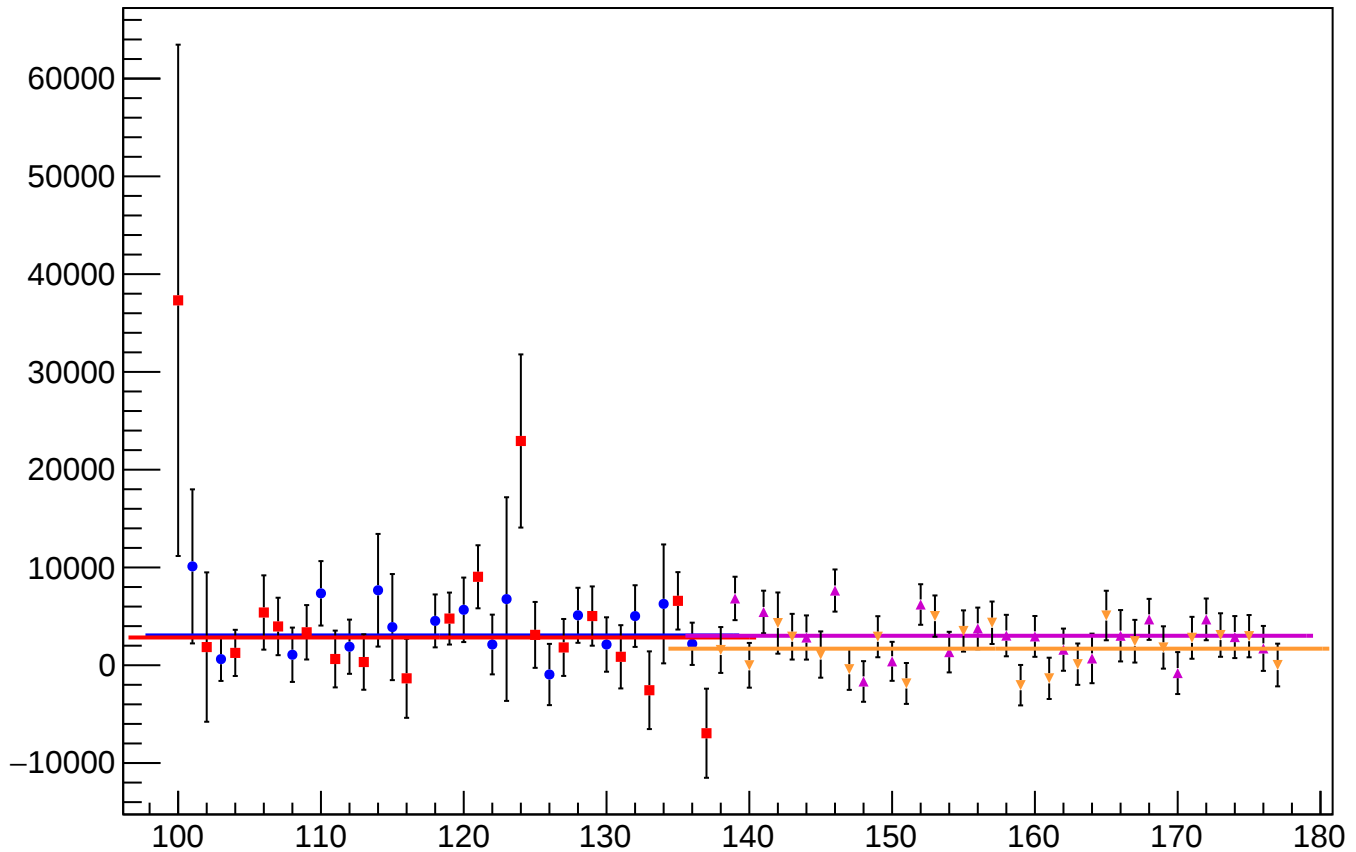
Right: 3063.446 $\pm$ 0.607 χ^2 /NDF: 1758429.8/35

In: 3991.299 $\pm$ 0.638 χ^2 /NDF: 3844393.2/35

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

All: 3944.360 $\pm$ 0.439 χ^2 /NDF: 7773144.4/75

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: 3014.310 $\pm$ 498.168 χ^2 /NDF:24.8/18

Left: 2334.756 $\pm$ 346.865 χ^2 /NDF: 48.3/39

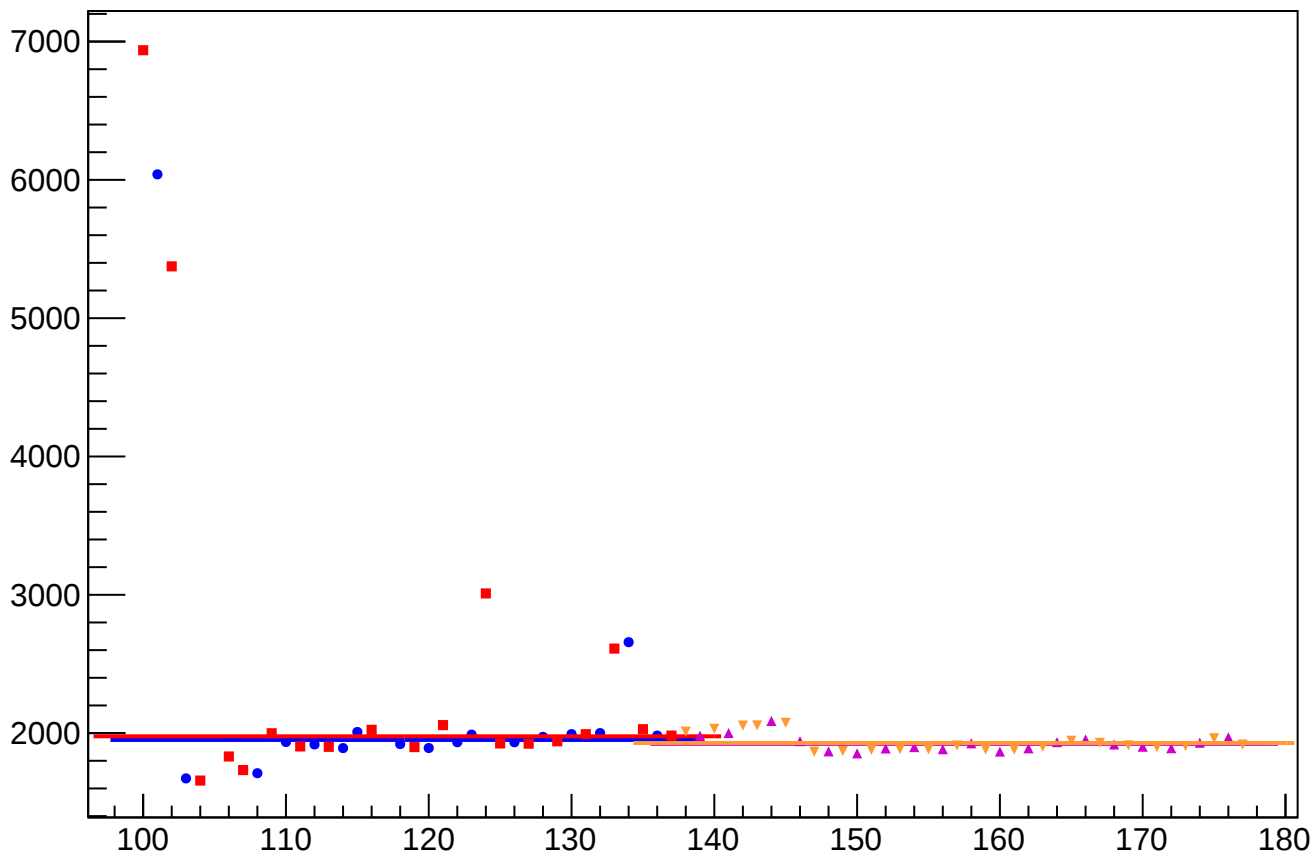
Right: 2943.024 $\pm$ 543.823 χ^2 /NDF: 33.1/35

In: 3024.527 $\pm$ 418.635 χ^2 /NDF:34.1/35

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

All: 2510.654 $\pm$ 292.443 χ^2 /NDF: 82.3/75

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1928.455 +/- 0.342 χ^2/NDF : 33418.7/20

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

Left In: 1922.418 +/- 0.352 χ^2/NDF : 23792.7/18

Left: 1925.528 +/- 0.245 χ^2/NDF : 57362.8/39

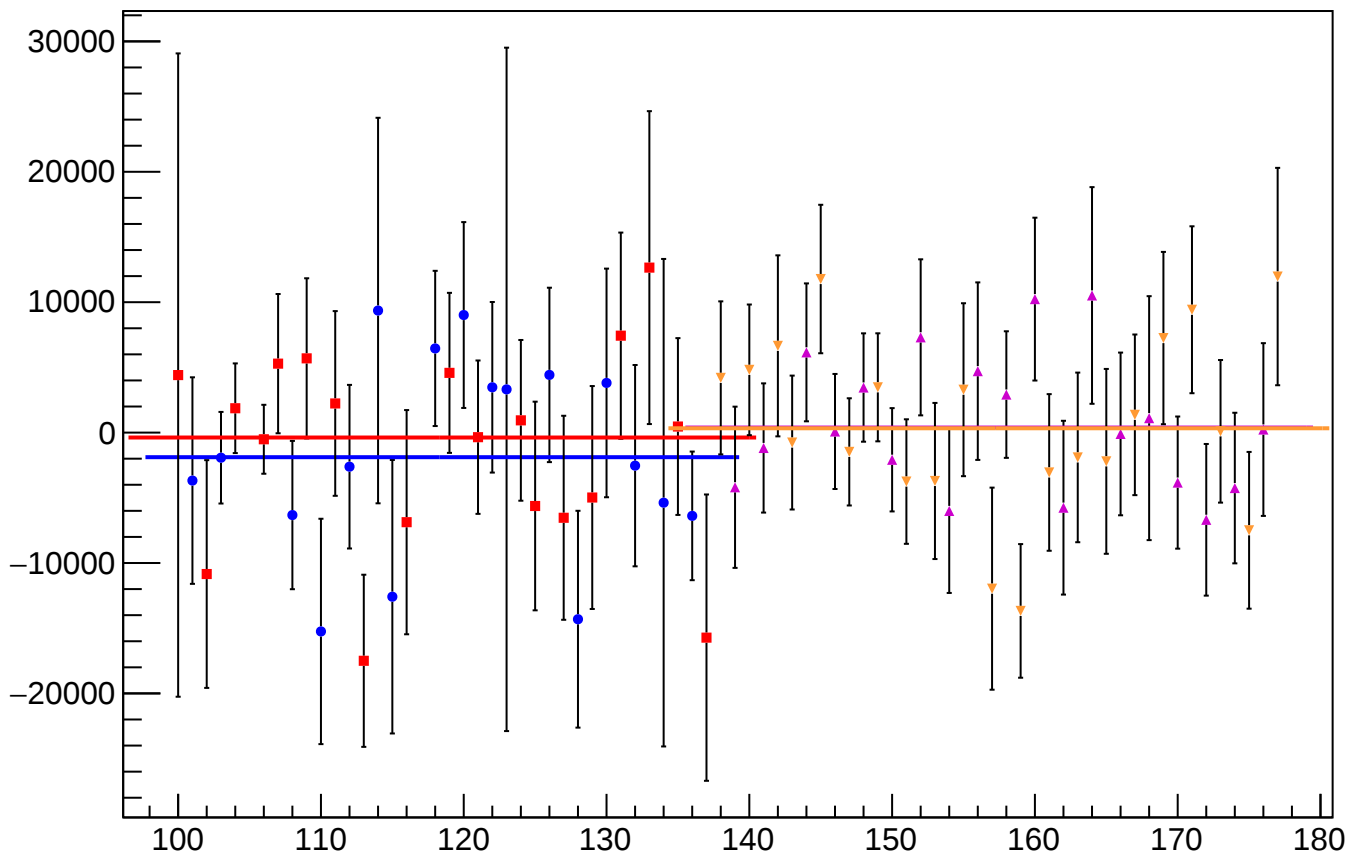
Right: 1963.954 +/- 0.384 χ^2/NDF : 1224040.7/35

In: 1930.725 +/- 0.296 χ^2/NDF : 640850.9/35

Out: 1942.285 +/- 0.289 χ^2/NDF : 646872.3/39

All: 1936.645 +/- 0.207 χ^2/NDF : 1288504.2/75

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 ± 1657.979 $\chi^2/\text{NDF}: 14.1/16$

Left Out: 331.441 ± 1244.514 $\chi^2/\text{NDF}: 25.6/20$

Right Out: -376.861 ± 1359.615 $\chi^2/\text{NDF}: 17.6/18$

Left In: 387.322 ± 1276.097 $\chi^2/\text{NDF}: 13.5/18$

Left: 358.681 ± 890.961 $\chi^2/\text{NDF}: 39.1/39$

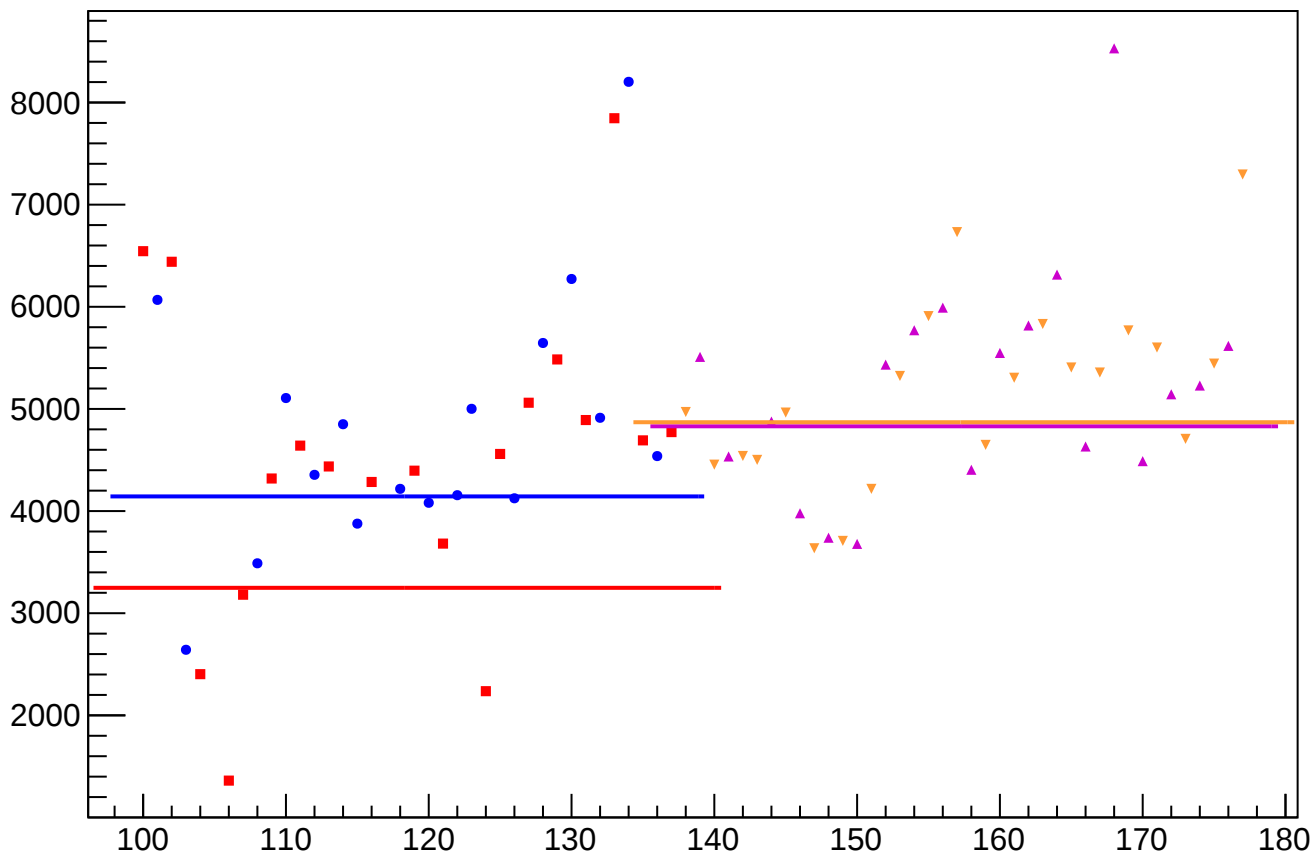
Right: -983.372 ± 1051.324 $\chi^2/\text{NDF}: 32.2/35$

In: -458.119 ± 1011.250 $\chi^2/\text{NDF}: 28.8/35$

Out: 8.536 ± 918.004 $\chi^2/\text{NDF}: 43.4/39$

All: -202.290 ± 679.707 $\chi^2/\text{NDF}: 72.3/75$

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: 4830.070+/-0.902 χ^2/NDF : 1053431.8/18

Left: 4850.467+/-0.630 χ^2/NDF : 1969445.7/39

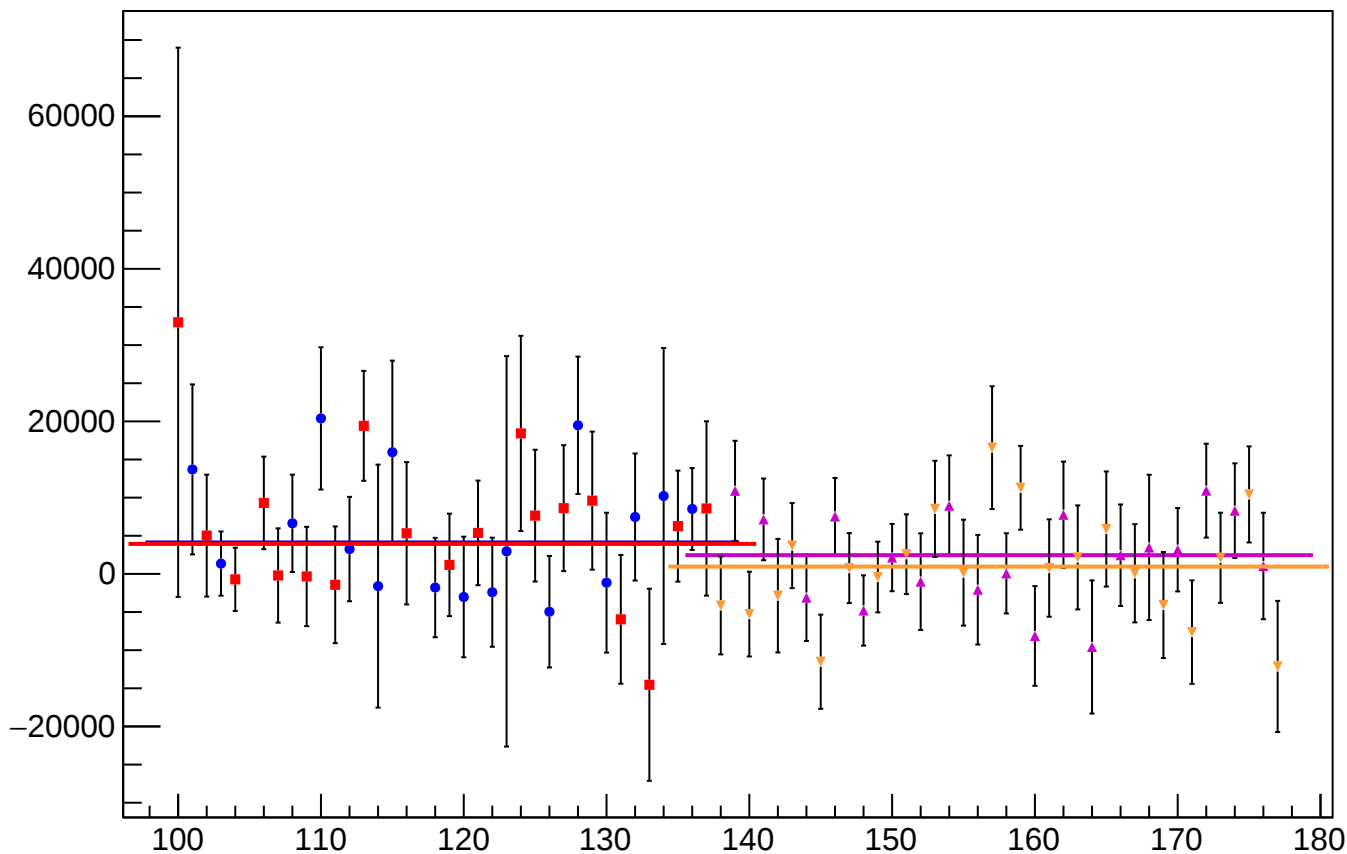
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4574.648+/-0.715 χ^2/NDF : 2124791.3/35

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

All: 4331.304+/-0.481 χ^2/NDF : 7416147.0/75

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 961.106 $\pm$ 1341.475 χ^2/NDF : 22.6/20

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

Left In: 2459.076 $\pm$ 1377.013 χ^2/NDF : 16.7/18

Left: 1690.512 $\pm$ 960.884 χ^2/NDF : 39.9/39

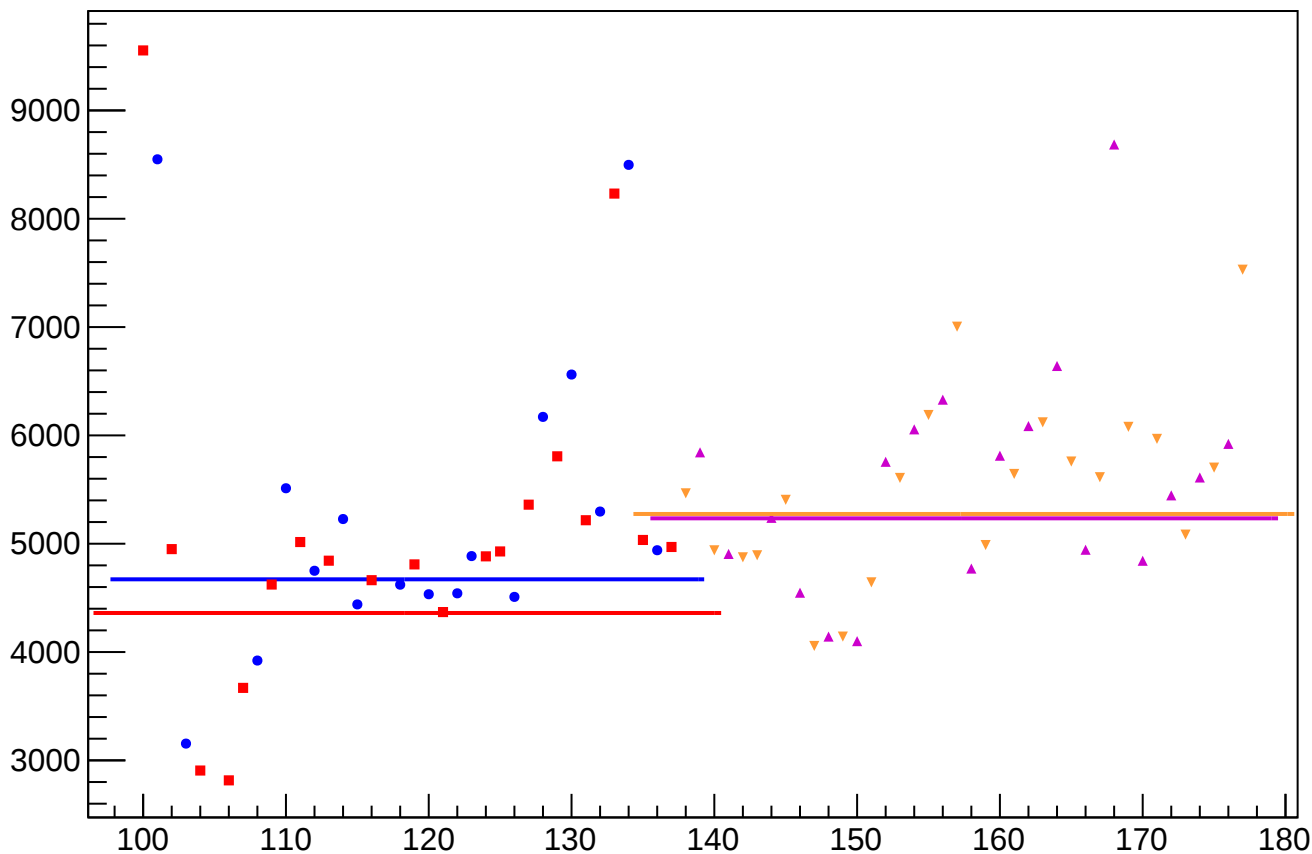
Right: 4022.593 $\pm$ 1265.954 χ^2/NDF : 28.6/35

In: 3048.207 $\pm$ 1107.370 χ^2/NDF : 30.9/35

Out: 2080.810 $\pm$ 1059.069 χ^2/NDF : 39.4/39

All: 2542.950 $\pm$ 765.381 χ^2/NDF : 70.7/75

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: 5234.366+/-0.974 χ^2/NDF : 816115.8/18

Left: 5255.022+/-0.679 χ^2/NDF : 1517327.6/39

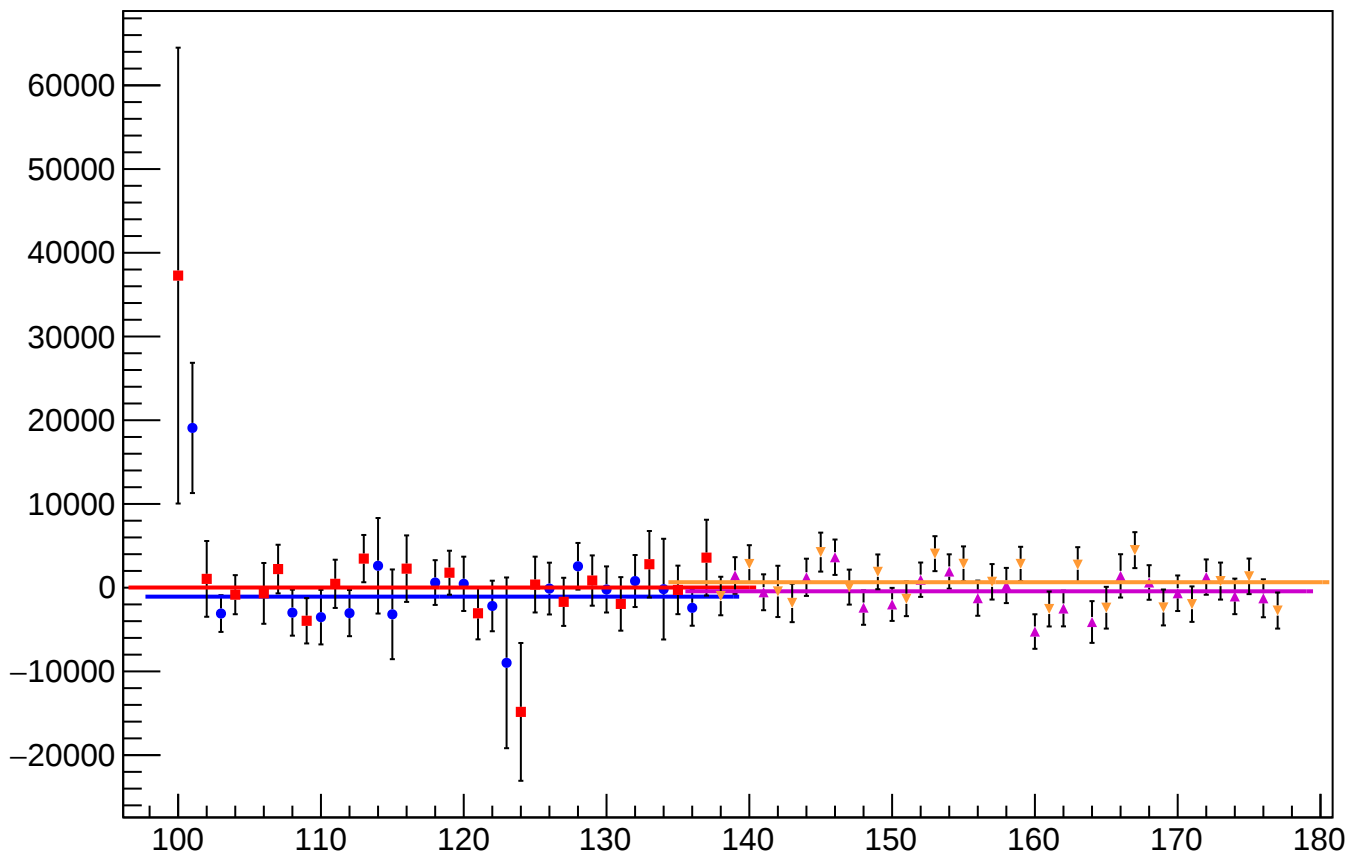
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 5035.447+/-0.783 χ^2/NDF : 1720361.6/35

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

All: 4979.095+/-0.541 χ^2/NDF : 3617081.5/75

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 $\pm$ 762.970 χ^2 /NDF: 13.7/16

Left Out: 653.300 $\pm$ 476.619 χ^2 /NDF: 25.5/20

Right Out: 19.222 $\pm$ 747.810 χ^2 /NDF: 13.3/18

Left In: -432.281 $\pm$ 491.661 χ^2 /NDF: 18.8/18

Left: 127.370 $\pm$ 342.215 χ^2 /NDF: 46.8/39

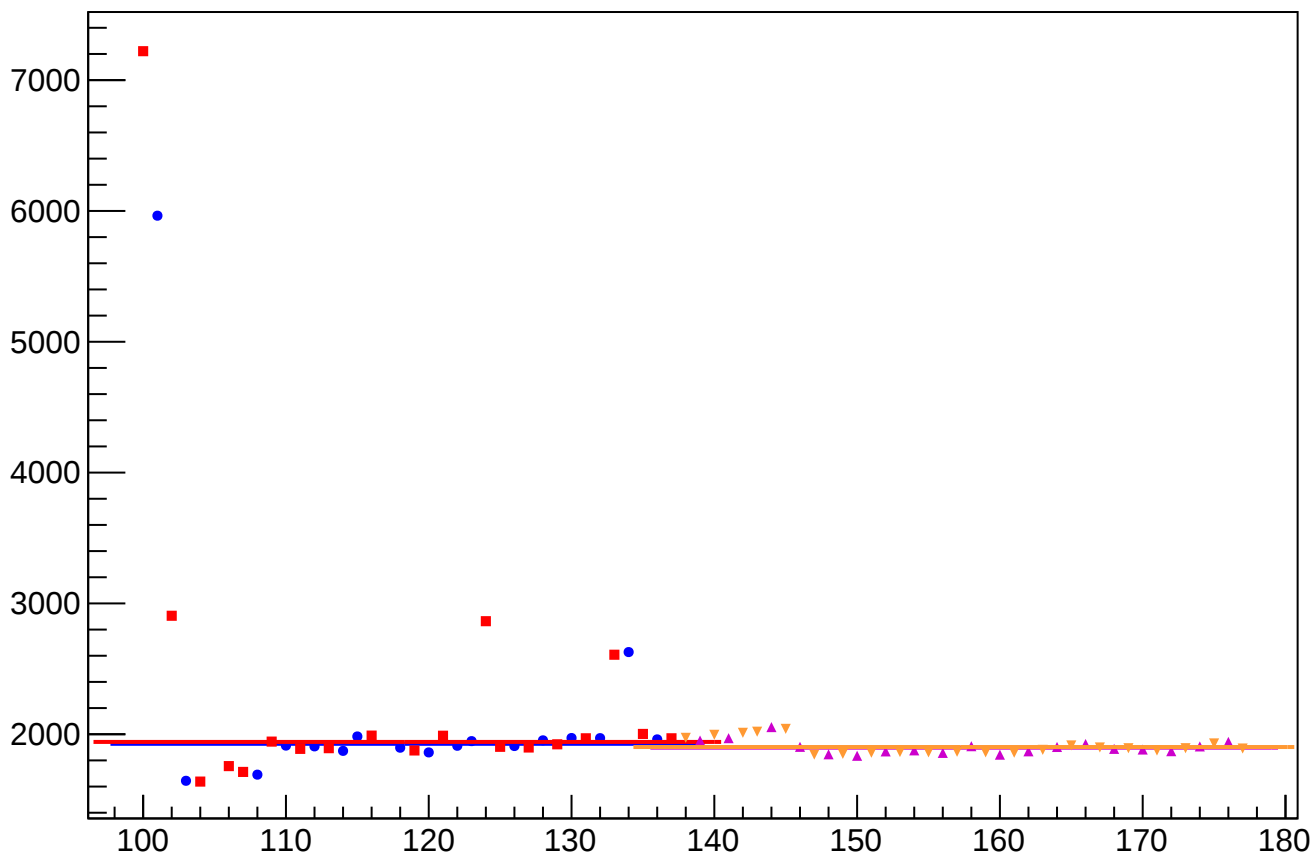
Right: -515.074 $\pm$ 534.061 χ^2 /NDF: 28.0/35

In: -619.764 $\pm$ 413.283 χ^2 /NDF: 33.0/35

Out: 470.132 $\pm$ 401.925 χ^2 /NDF: 39.3/39

All: -59.633 $\pm$ 288.136 χ^2 /NDF: 75.9/75

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1902.183 $\pm$ 0.337 χ^2 /NDF: 28580.8/20

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

Left In: 1897.433 $\pm$ 0.348 χ^2 /NDF: 21296.6/18

Left: 1899.882 $\pm$ 0.242 χ^2 /NDF: 49973.6/39

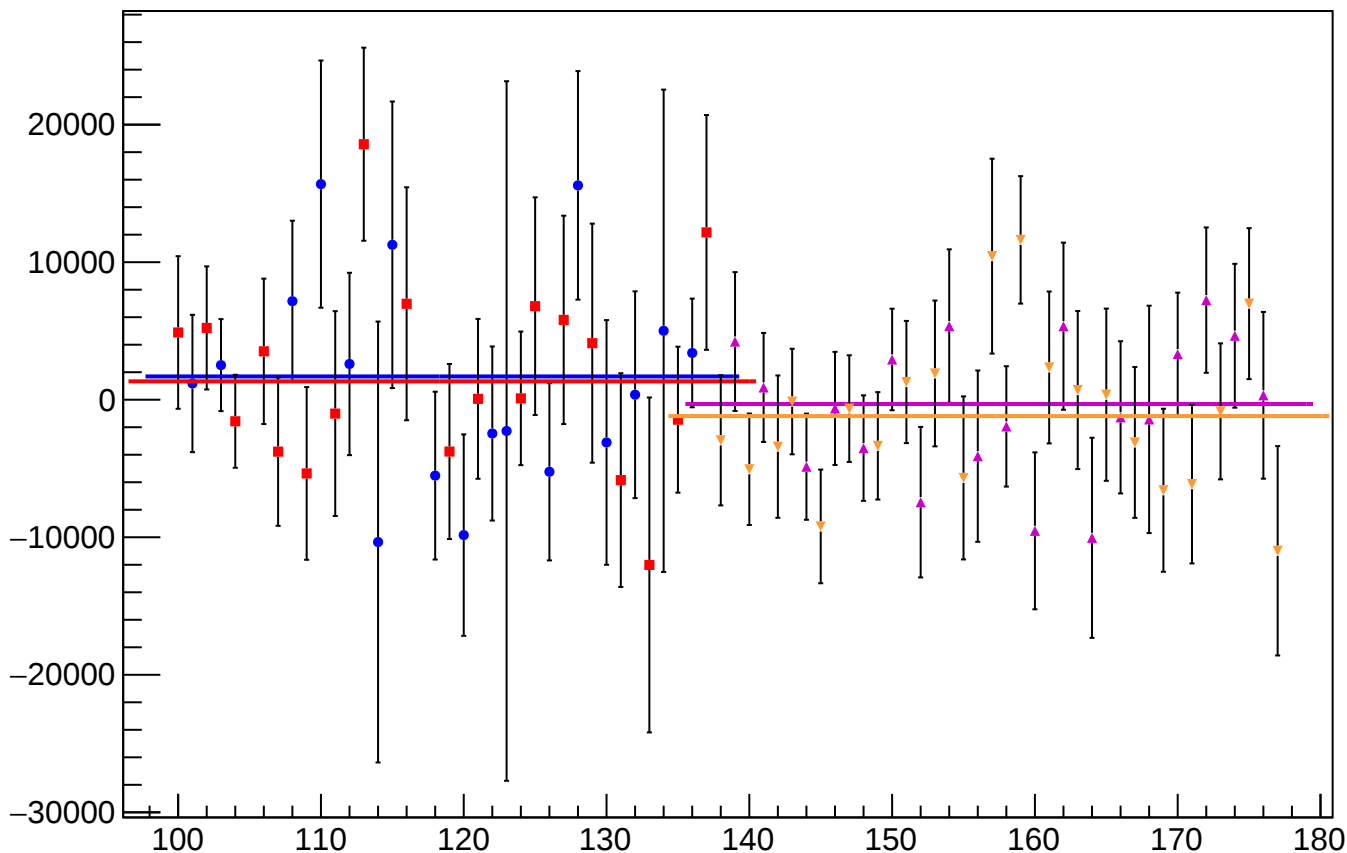
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1906.076 $\pm$ 0.292 χ^2 /NDF: 640519.4/35

Out: 1913.483 $\pm$ 0.284 χ^2 /NDF: 336836.1/39

All: 1909.884 $\pm$ 0.204 χ^2 /NDF: 977685.8/75

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1190.229 $\pm$ 1081.872 χ^2/NDF : 23.1/20

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

Left In: -311.433 $\pm$ 1126.621 χ^2/NDF : 15.9/18

Left: -768.630 $\pm$ 780.339 χ^2/NDF : 39.4/39

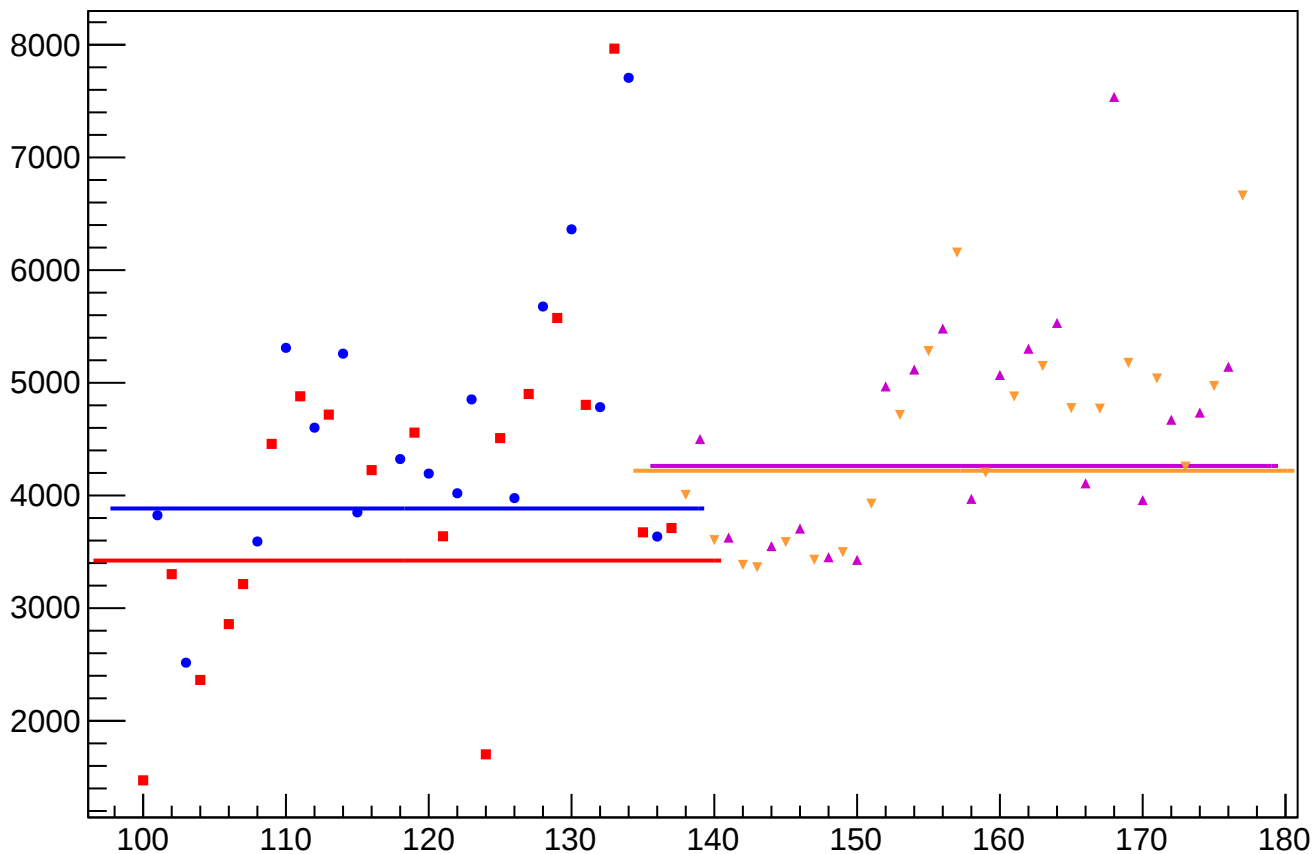
Right: 1493.873 $\pm$ 1026.648 χ^2/NDF : 30.0/35

In: 380.667 $\pm$ 911.715 χ^2/NDF : 30.7/35

Out: -218.232 $\pm$ 848.818 χ^2/NDF : 41.5/39

All: 59.848 $\pm$ 621.252 χ^2/NDF : 72.4/75

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4219.681+/-0.765 χ^2/NDF : 1093166.1/20

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

Left In: 4262.219+/-0.797 χ^2/NDF : 1072522.4/18

Left: 4240.088+/-0.552 χ^2/NDF : 2167171.9/39

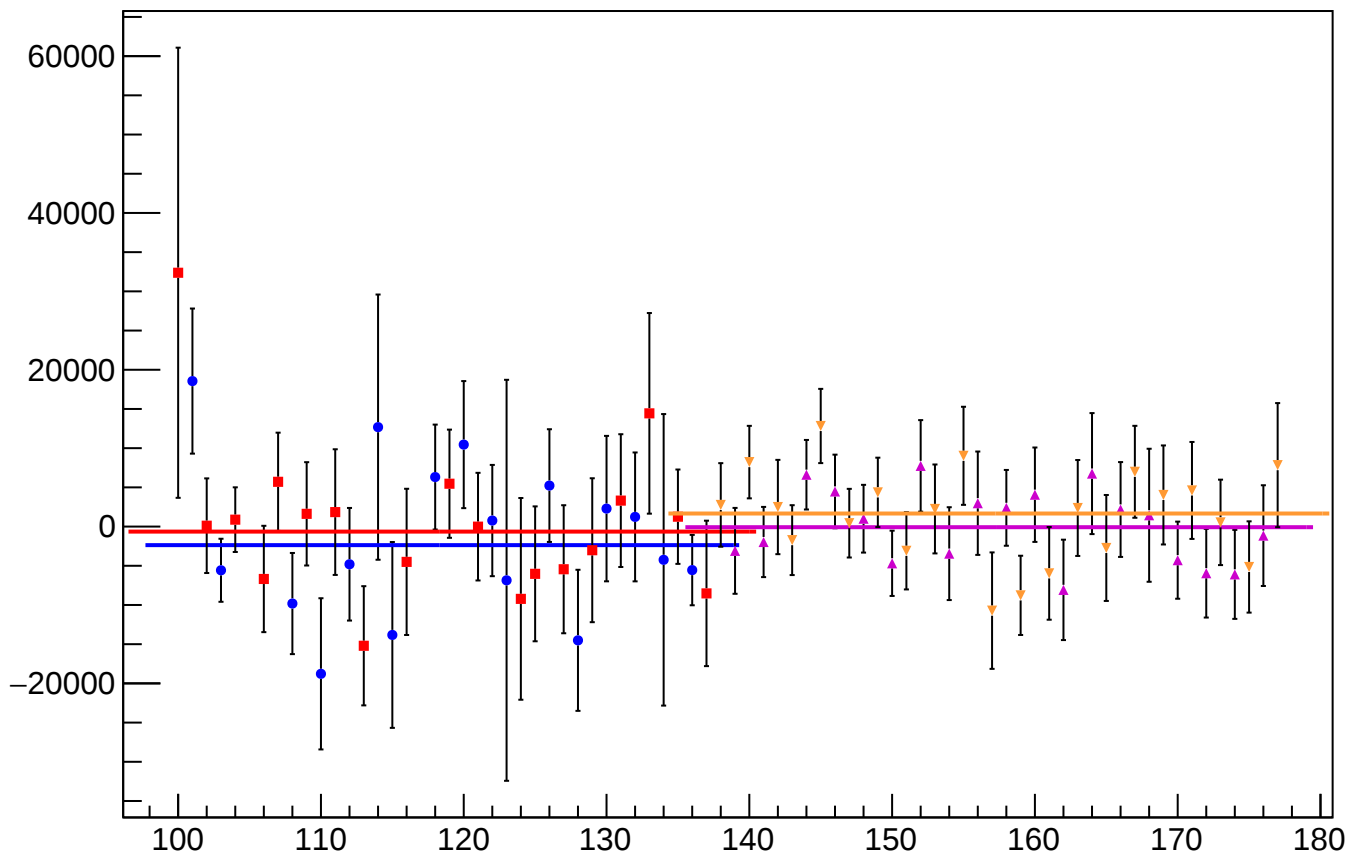
Right: 3624.795+/-0.726 χ^2/NDF : 2516526.6/35

In: 4131.897+/-0.645 χ^2/NDF : 1976629.5/35

Out: 3913.269+/-0.600 χ^2/NDF : 3100783.7/39

All: 4014.782+/-0.439 χ^2/NDF : 5139020.3/75

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526+/-1801.942 χ^2/NDF : 20.1/16

Left Out: 1665.620+/-1195.478 χ^2/NDF : 23.4/20

Right Out: -640.916+/-1690.165 χ^2/NDF : 11.8/18

Left In: -79.520+/-1238.138 χ^2/NDF : 13.5/18

Left: 823.632+/-860.017 χ^2/NDF : 37.9/39

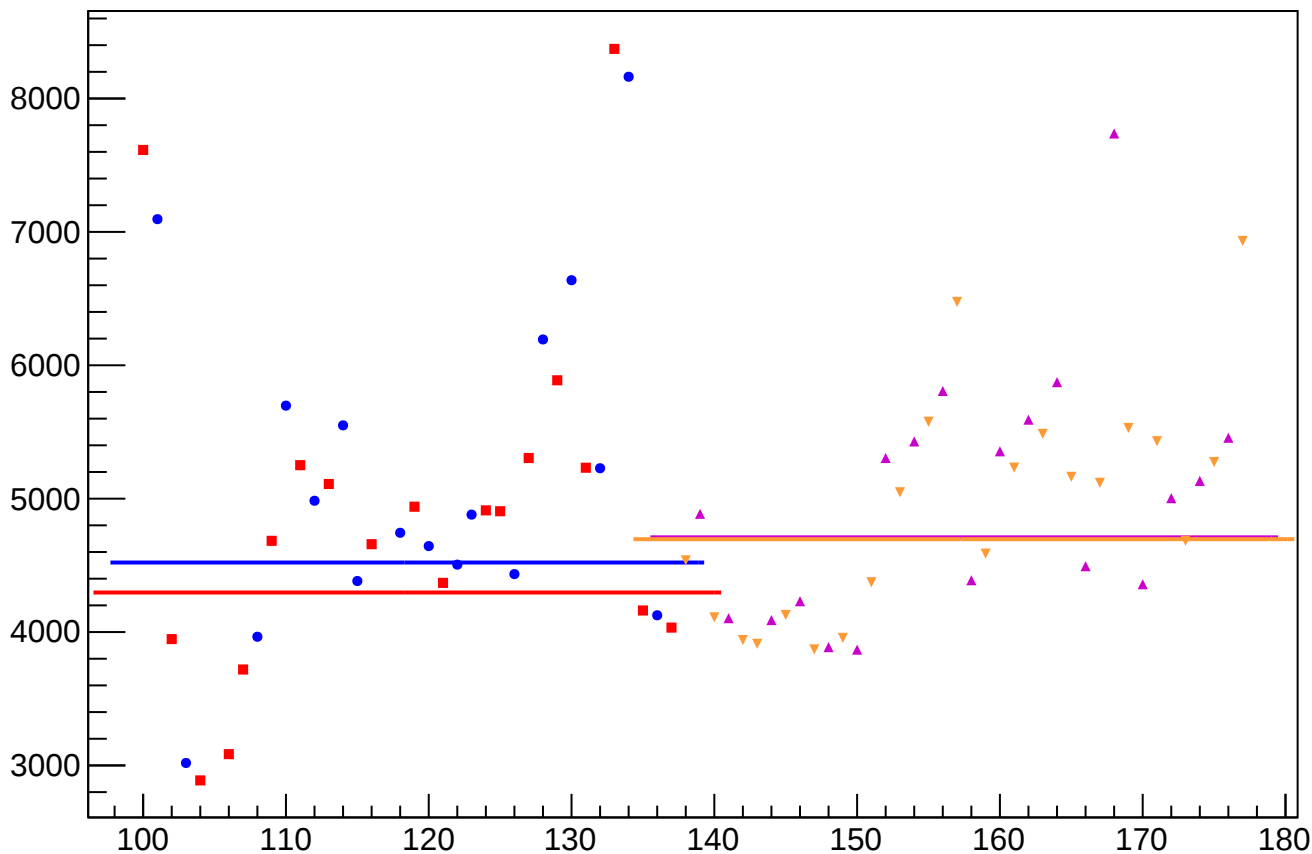
Right: -1449.011+/-1232.750 χ^2/NDF : 32.4/35

In: -813.305+/-1020.462 χ^2/NDF : 34.8/35

Out: 896.474+/-976.008 χ^2/NDF : 36.4/39

All: 79.635+/-705.334 χ^2/NDF : 72.6/75

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230 ± 1.274 $\chi^2/\text{NDF}: 778675.0/16$

Left Out: 4696.223 ± 0.845 $\chi^2/\text{NDF}: 767285.5/20$

Right Out: 4296.482 ± 1.189 $\chi^2/\text{NDF}: 773210.4/18$

Left In: 4710.140 ± 0.875 $\chi^2/\text{NDF}: 785264.8/18$

Left: 4702.938 ± 0.608 $\chi^2/\text{NDF}: 1552681.0/39$

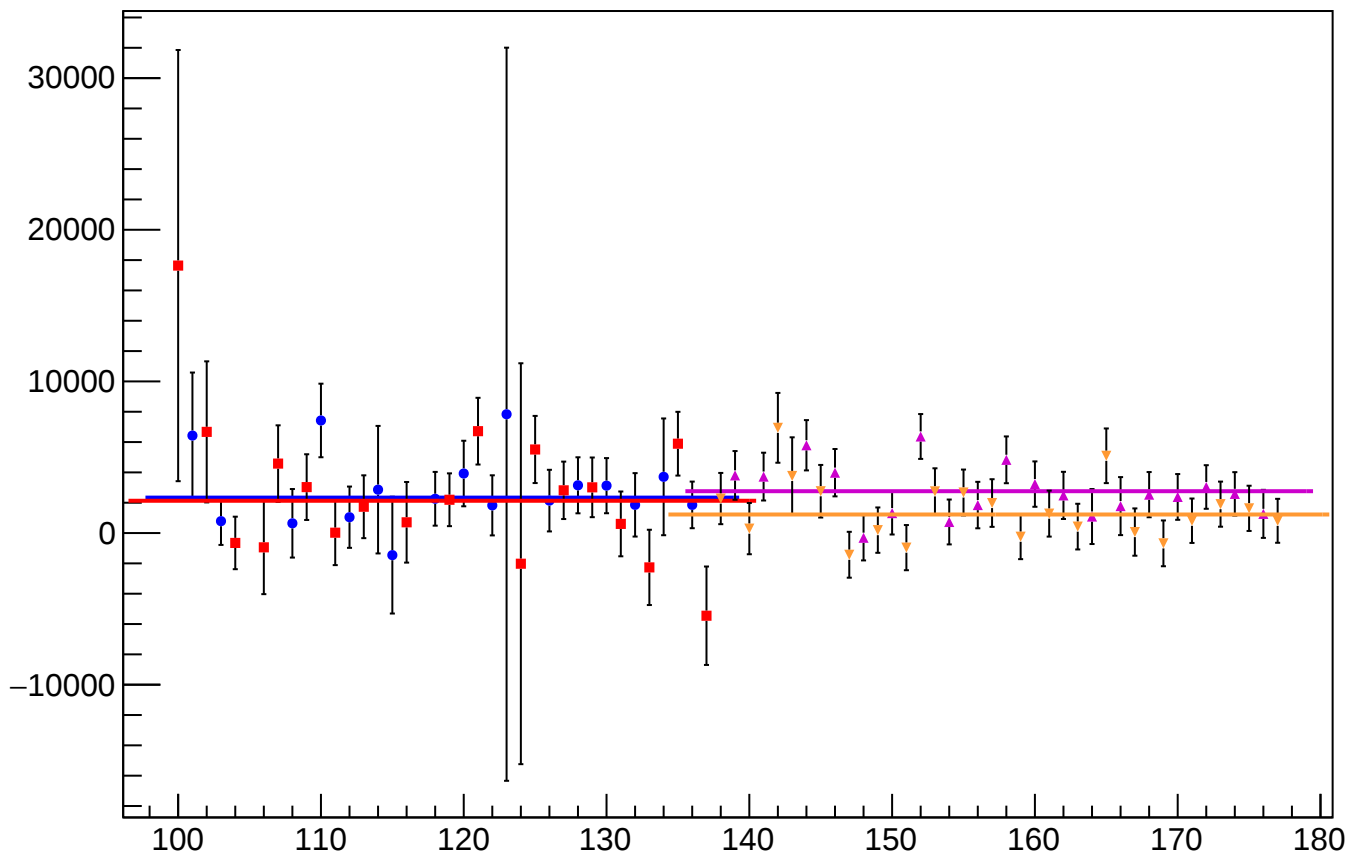
Right: 4401.047 ± 0.869 $\chi^2/\text{NDF}: 1568522.7/35$

In: 4649.555 ± 0.722 $\chi^2/\text{NDF}: 1578871.6/35$

Out: 4561.934 ± 0.689 $\chi^2/\text{NDF}: 1615617.8/39$

All: 4603.713 ± 0.498 $\chi^2/\text{NDF}: 3202203.8/75$

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: 2759.875 $\pm$ 354.194 χ^2 /NDF:22.3/18

Left: 1975.433 $\pm$ 247.759 χ^2 /NDF: 56.8/39

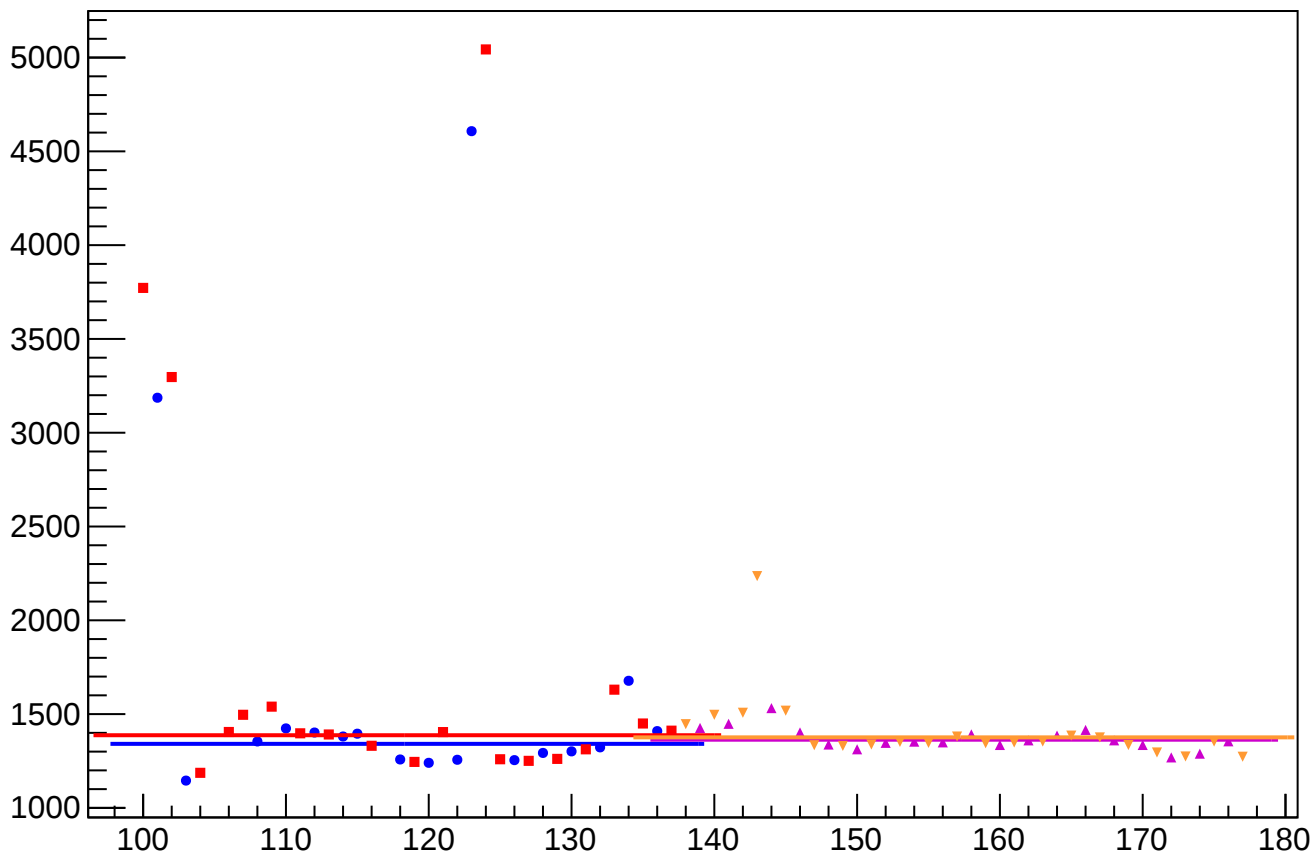
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2629.698 $\pm$ 294.680 χ^2 /NDF:32.3/35

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

All: 2053.257 $\pm$ 207.280 χ^2 /NDF: 94.4/75

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: 1363.503 $\pm$ 0.250 χ^2 /NDF: 52413.5/18

Left: 1369.863 $\pm$ 0.175 χ^2 /NDF: 350233.6/39

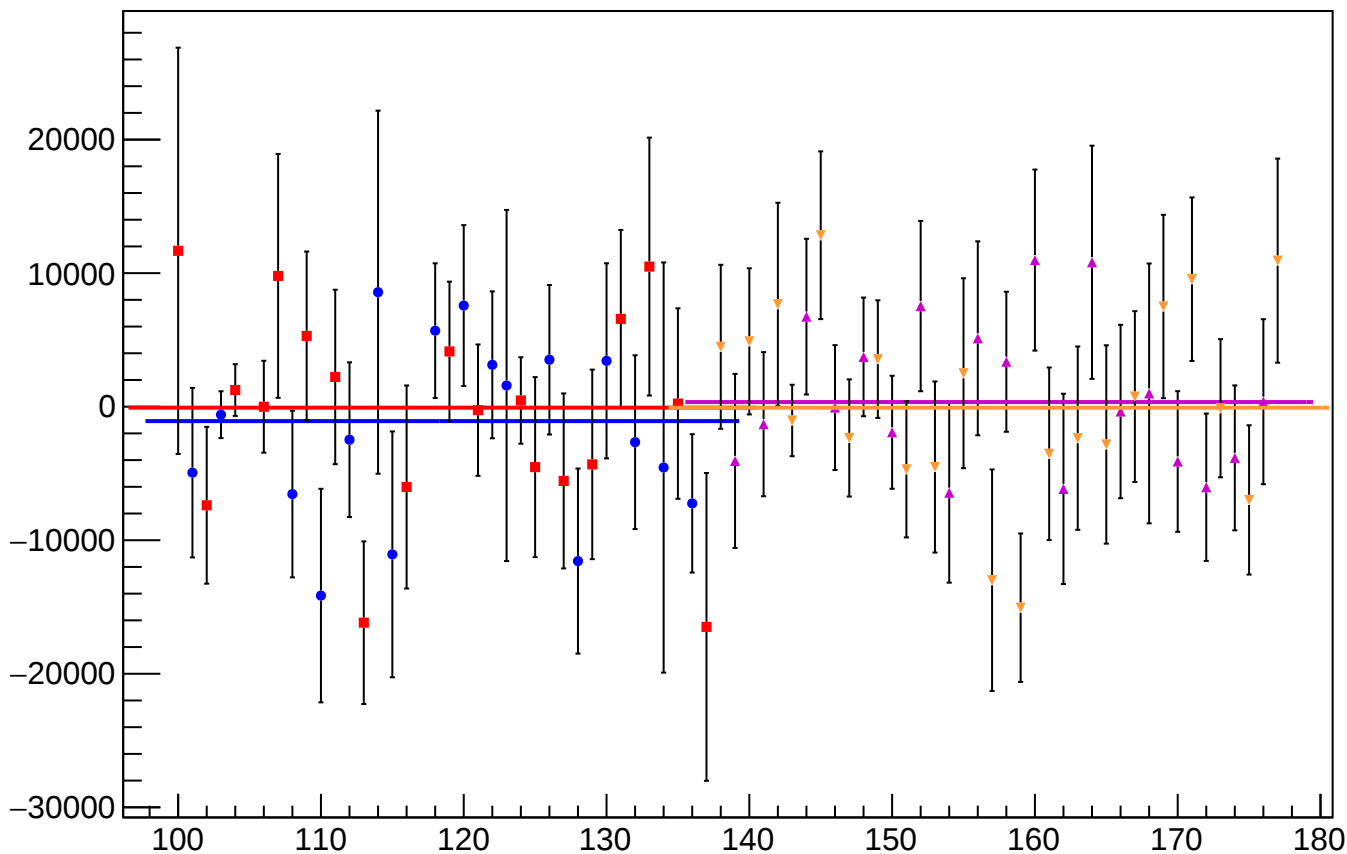
Right: 1364.024 $\pm$ 0.268 χ^2 /NDF: 1161848.1/35

In: 1356.691 $\pm$ 0.208 χ^2 /NDF: 559088.6/35

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

All: 1368.110 $\pm$ 0.147 χ^2 /NDF: 1512415.1/75

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: 345.980 $\pm$ 1336.803 χ^2 /NDF:13.1/18

Left: 111.083 $\pm$ 891.859 χ^2 /NDF: 39.8/39

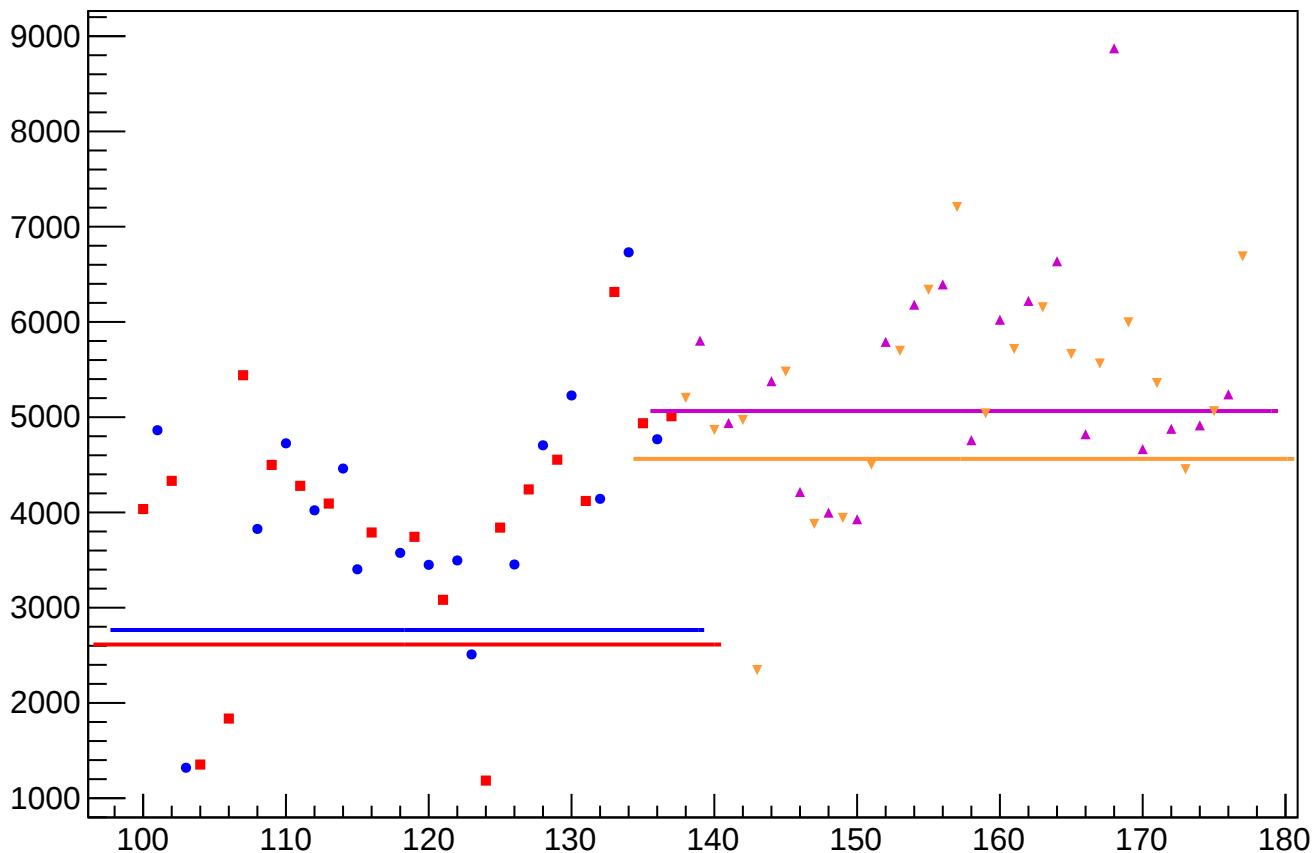
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -437.014 $\pm$ 898.057 χ^2 /NDF:28.7/35

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

All: -239.998 $\pm$ 605.676 χ^2 /NDF: 74.1/75

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4562.468 $\pm$ 0.847 χ^2 /NDF: 2501290.6/20

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

Left In: 5064.726 $\pm$ 0.945 χ^2 /NDF: 996586.8/18

Left: 4786.023 $\pm$ 0.631 χ^2 /NDF: 3654539.3/39

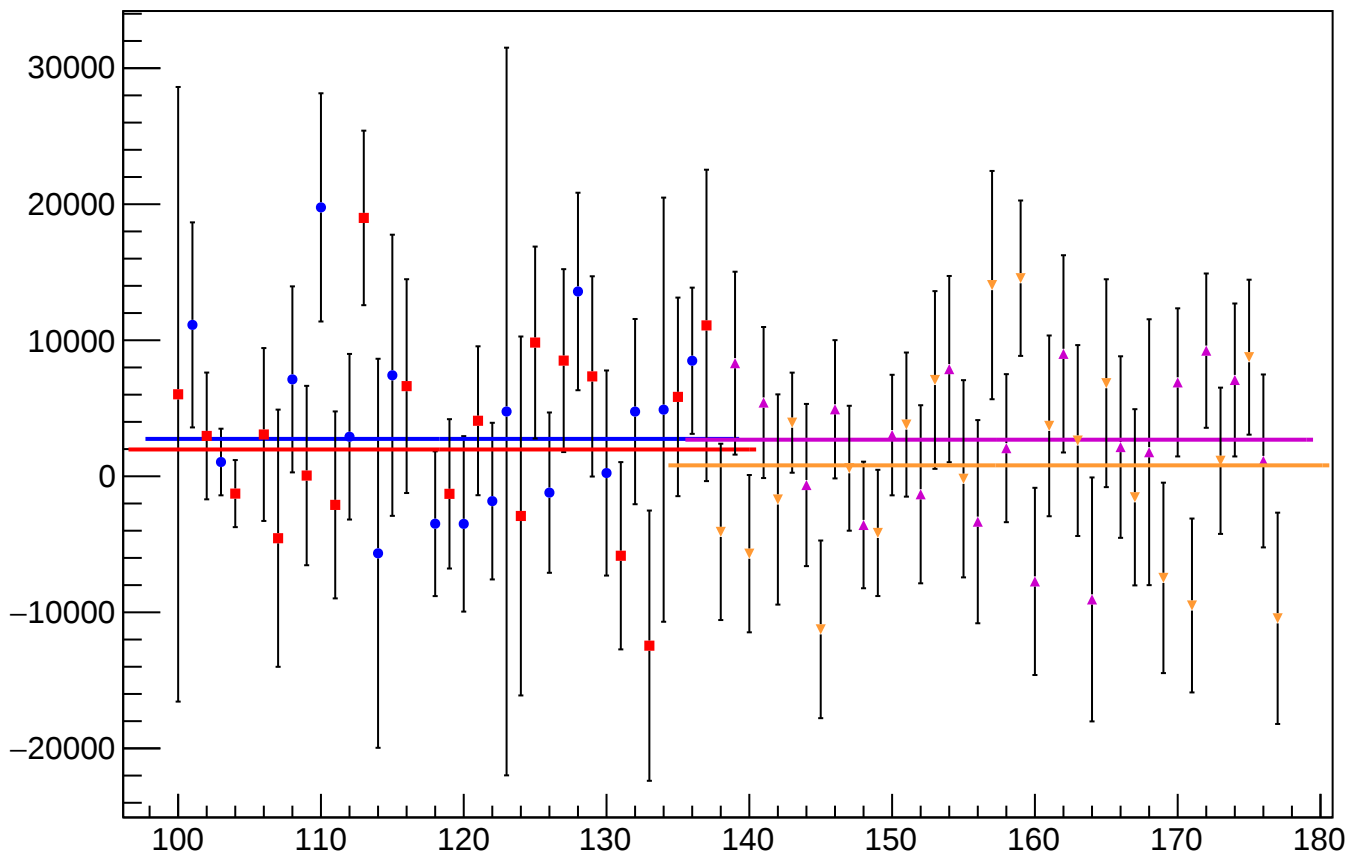
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3803.289 $\pm$ 0.635 χ^2 /NDF: 7181292.1/35

Out: 3528.379 $\pm$ 0.580 χ^2 /NDF: 8653402.3/39

All: 3653.423 $\pm$ 0.428 χ^2 /NDF: 15936862.2/74

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: 2689.644+/-1384.508 χ^2/NDF : 12.3/18

Left: 1684.709+/-946.104 χ^2/NDF : 39.1/39

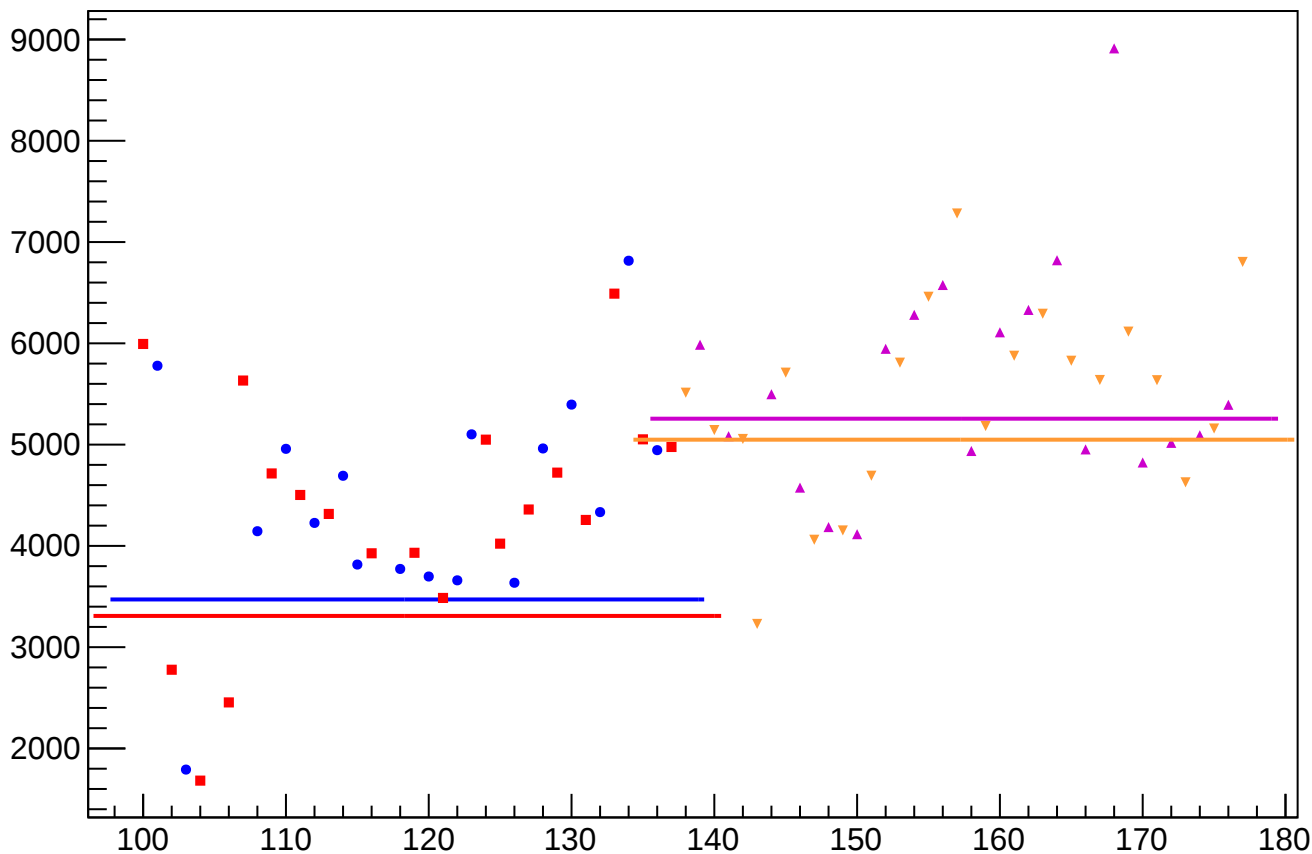
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2717.676+/-1000.238 χ^2/NDF : 26.0/35

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

All: 1995.380+/-686.995 χ^2/NDF : 71.1/75

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: 5255.964+/-0.979 χ^2/NDF : 877836.7/18

Left: 5145.490+/-0.669 χ^2/NDF : 2153812.7/39

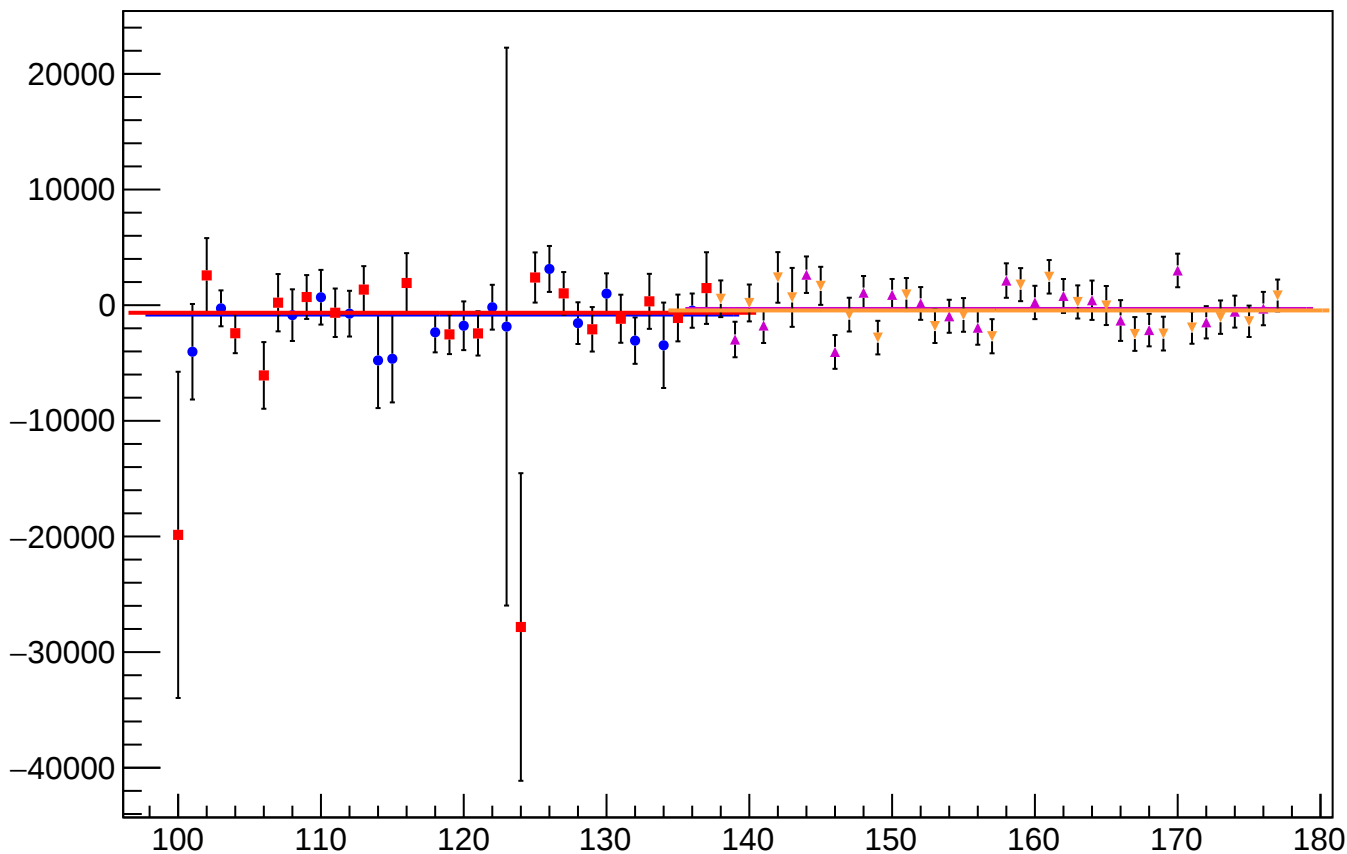
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4402.686+/-0.707 χ^2/NDF : 4234720.0/35

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

All: 4309.183+/-0.485 χ^2/NDF : 9138369.6/75

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017 ± 518.190 $\chi^2/\text{NDF}: 11.2/16$

Left Out: -454.325 ± 330.518 $\chi^2/\text{NDF}: 24.2/20$

Right Out: -656.248 ± 514.588 $\chi^2/\text{NDF}: 20.4/18$

Left In: -326.836 ± 337.918 $\chi^2/\text{NDF}: 28.8/18$

Left: -391.991 ± 236.284 $\chi^2/\text{NDF}: 53.0/39$

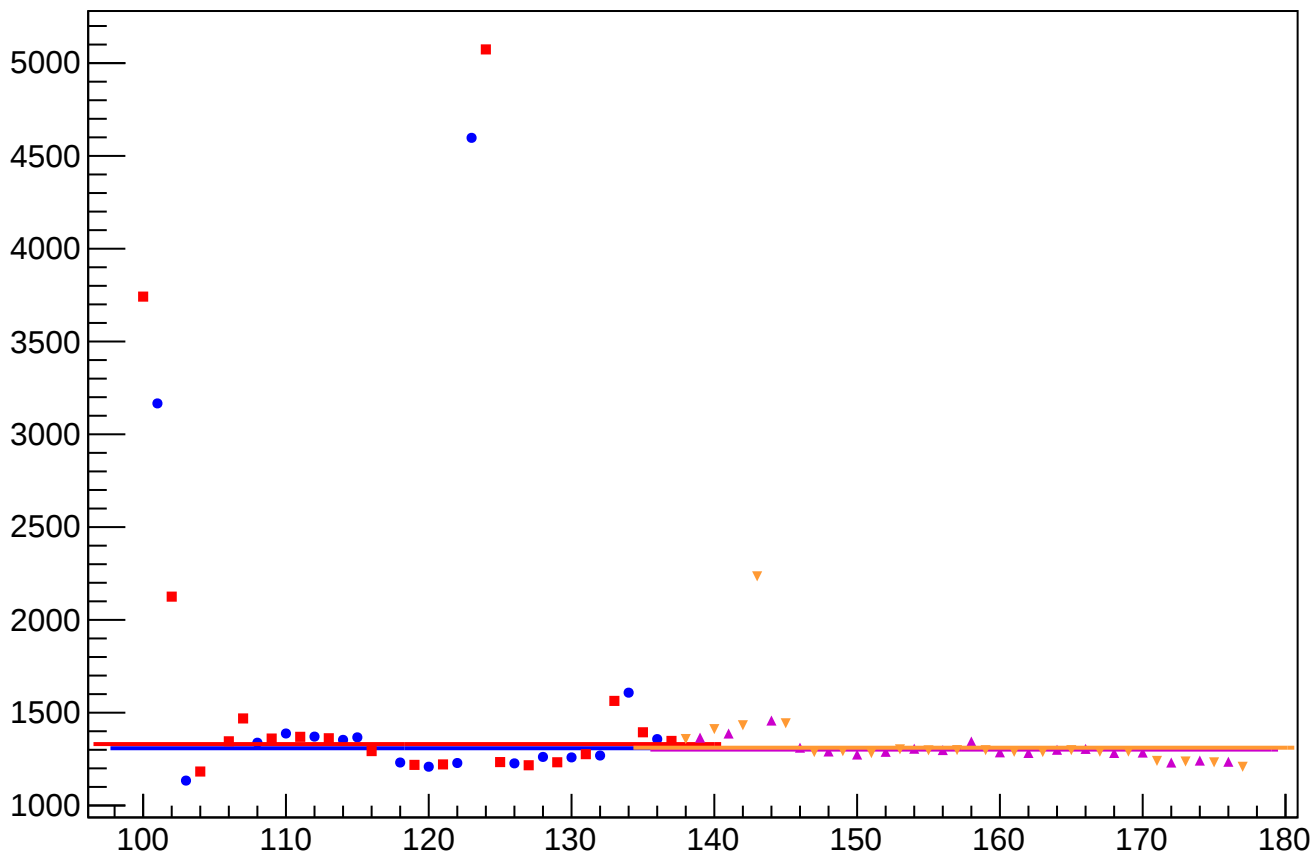
Right: -732.099 ± 365.136 $\chi^2/\text{NDF}: 31.6/35$

In: -470.703 ± 283.052 $\chi^2/\text{NDF}: 40.5/35$

Out: -513.298 ± 278.095 $\chi^2/\text{NDF}: 44.7/39$

All: -492.377 ± 198.372 $\chi^2/\text{NDF}: 85.3/75$

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367 $\pm$ 0.366 χ^2 /NDF: 506545.0/16

Left Out: 1311.323 $\pm$ 0.234 χ^2 /NDF:323874.4/20

Right Out: 1330.860 $\pm$ 0.364 χ^2 /NDF: 415845.6/18

Left In: 1301.110 $\pm$ 0.239 χ^2 /NDF:46496.4/18

Left: 1306.330 $\pm$ 0.167 χ^2 /NDF: 371304.4/39

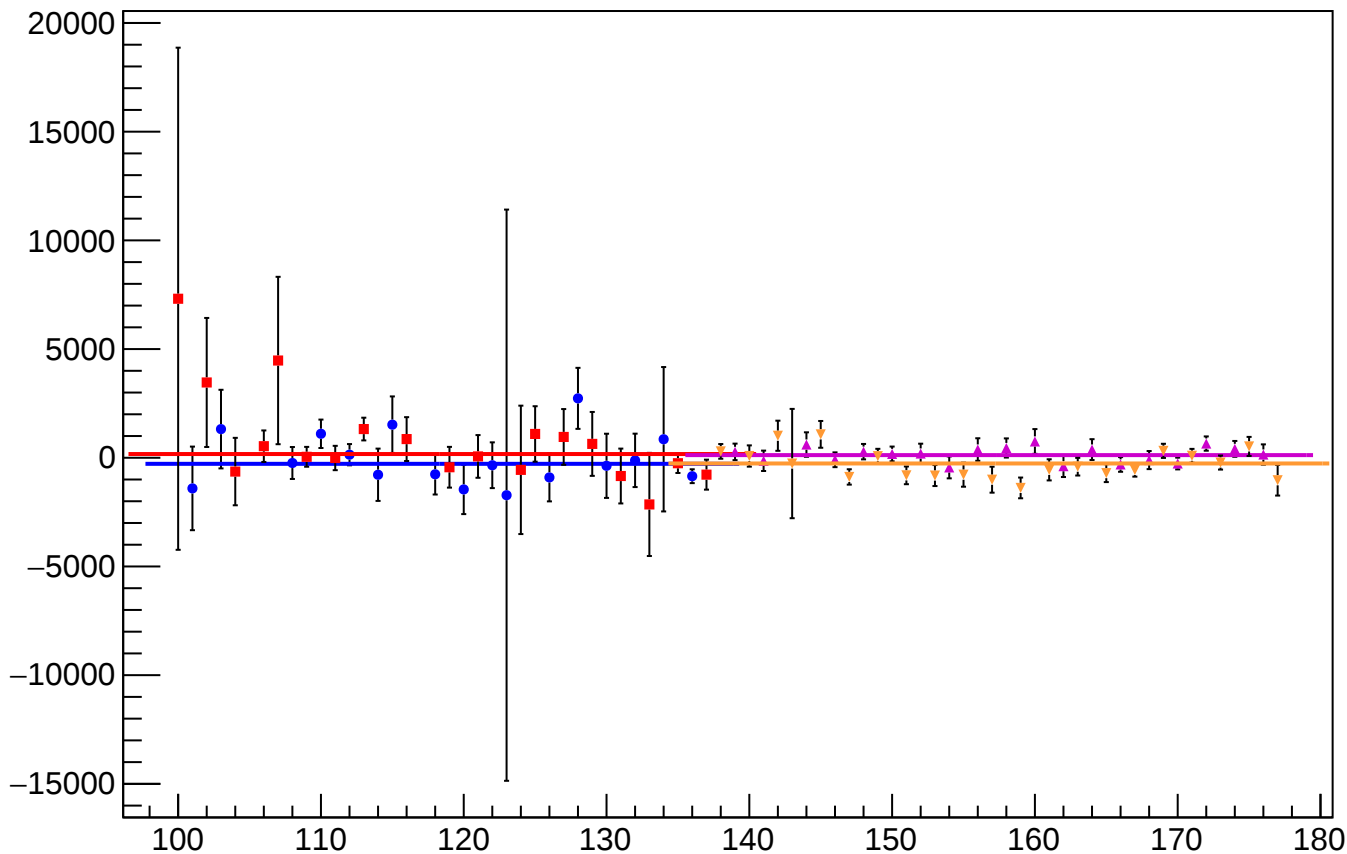
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1303.275 $\pm$ 0.200 χ^2 /NDF:553316.6/35

Out: 1317.029 $\pm$ 0.197 χ^2 /NDF:741760.8/39

All: 1310.274 $\pm$ 0.140 χ^2 /NDF: 1297480.2/75

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -262.564 ± 91.866 $\chi^2/\text{NDF}: 37.9/20$

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

Left In: 122.002 ± 91.819 $\chi^2/\text{NDF}: 13.6/18$

Left: -70.183 ± 64.942 $\chi^2/\text{NDF}: 60.3/39$

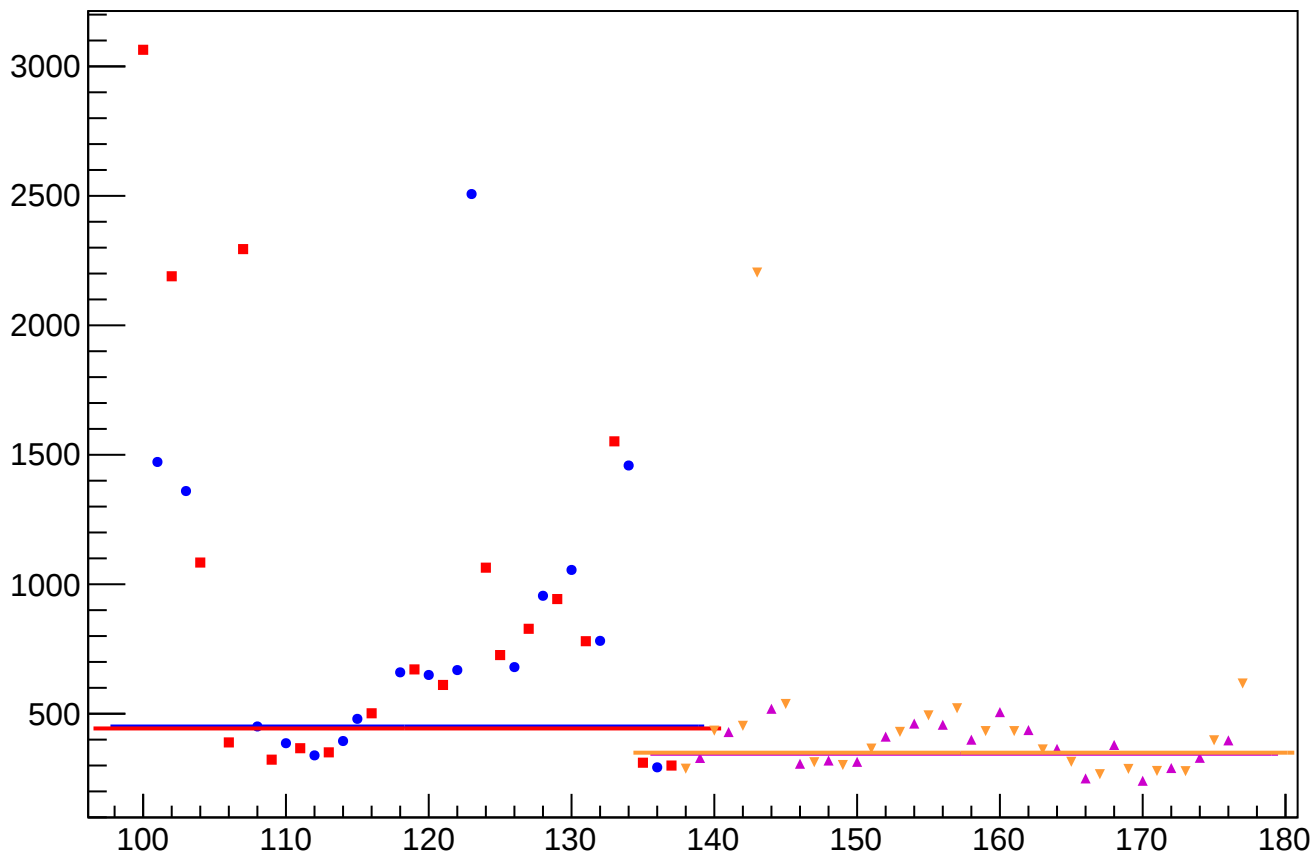
Right: -47.033 ± 138.049 $\chi^2/\text{NDF}: 35.4/35$

In: 51.153 ± 83.307 $\chi^2/\text{NDF}: 35.0/35$

Out: -182.002 ± 82.906 $\chi^2/\text{NDF}: 56.8/39$

All: -65.988 ± 58.765 $\chi^2/\text{NDF}: 95.8/75$

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: 345.350 $\pm$ 0.065 χ^2 /NDF: 1366236.0/18

Left: 347.441 $\pm$ 0.046 χ^2 /NDF: 4103797.3/39

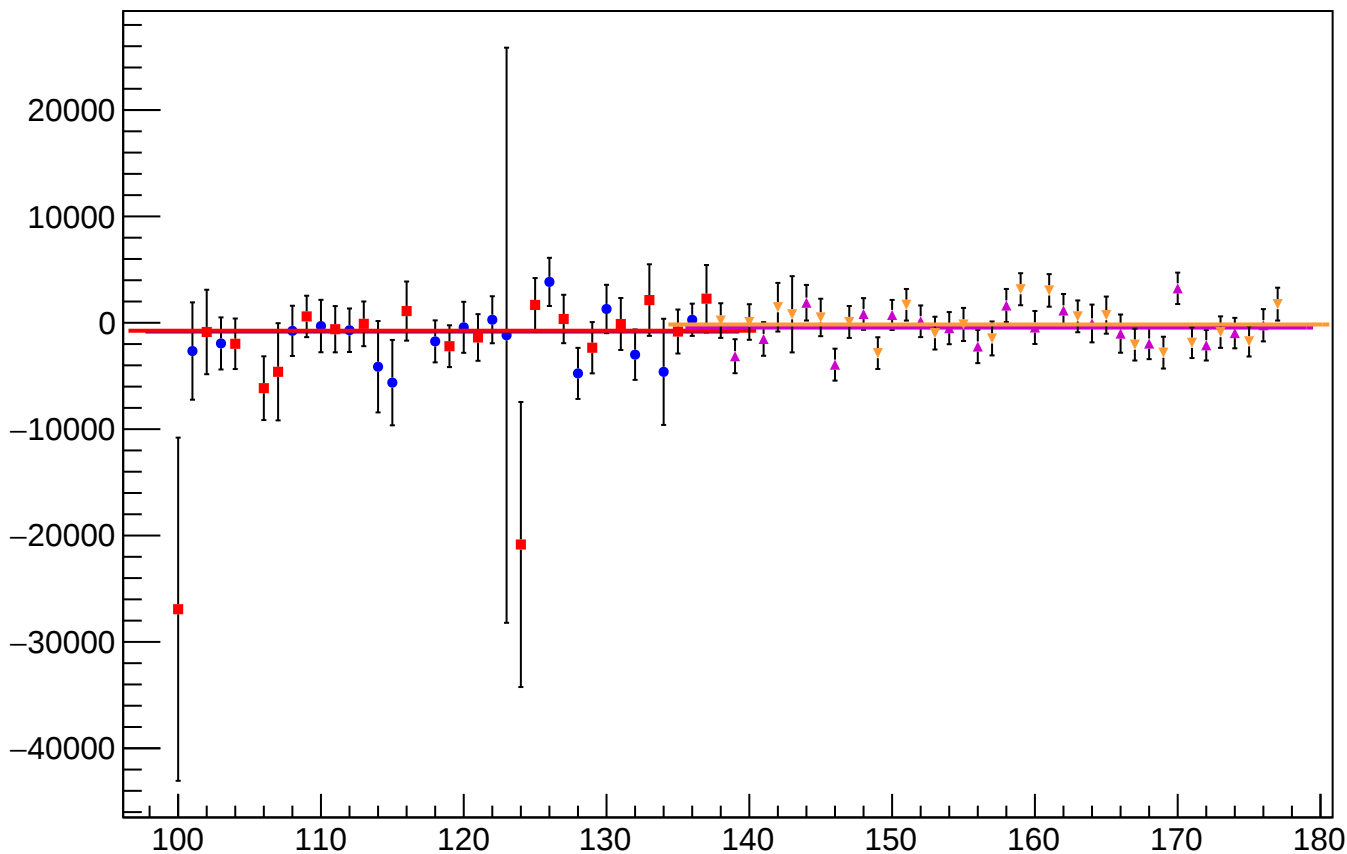
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 363.958 $\pm$ 0.059 χ^2 /NDF: 4828560.3/35

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

All: 365.434 $\pm$ 0.042 χ^2 /NDF: 11421608.7/75

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: -450.557 $\pm$ 352.457 χ^2 /NDF:25.3/18

Left: -302.448 $\pm$ 247.424 χ^2 /NDF: 51.1/39

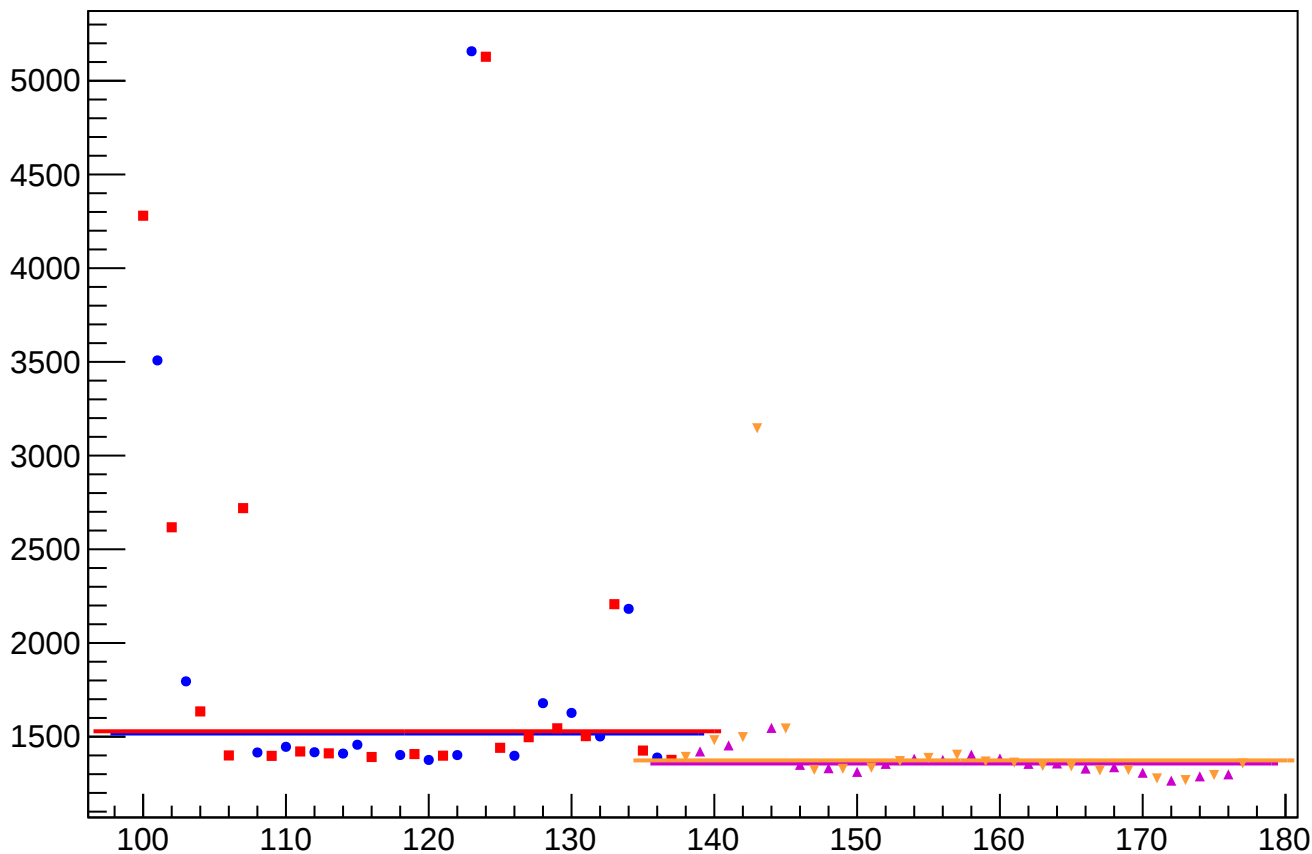
Right: -781.413 $\pm$ 423.122 χ^2 /NDF: 26.8/35

In: -544.327 $\pm$ 304.051 χ^2 /NDF:38.3/35

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

All: -424.493 $\pm$ 213.587 χ^2 /NDF: 78.9/75

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: 1356.935+/-0.249 χ^2/NDF : 61028.5/18

Left: 1365.303+/-0.175 χ^2/NDF : 623569.0/39

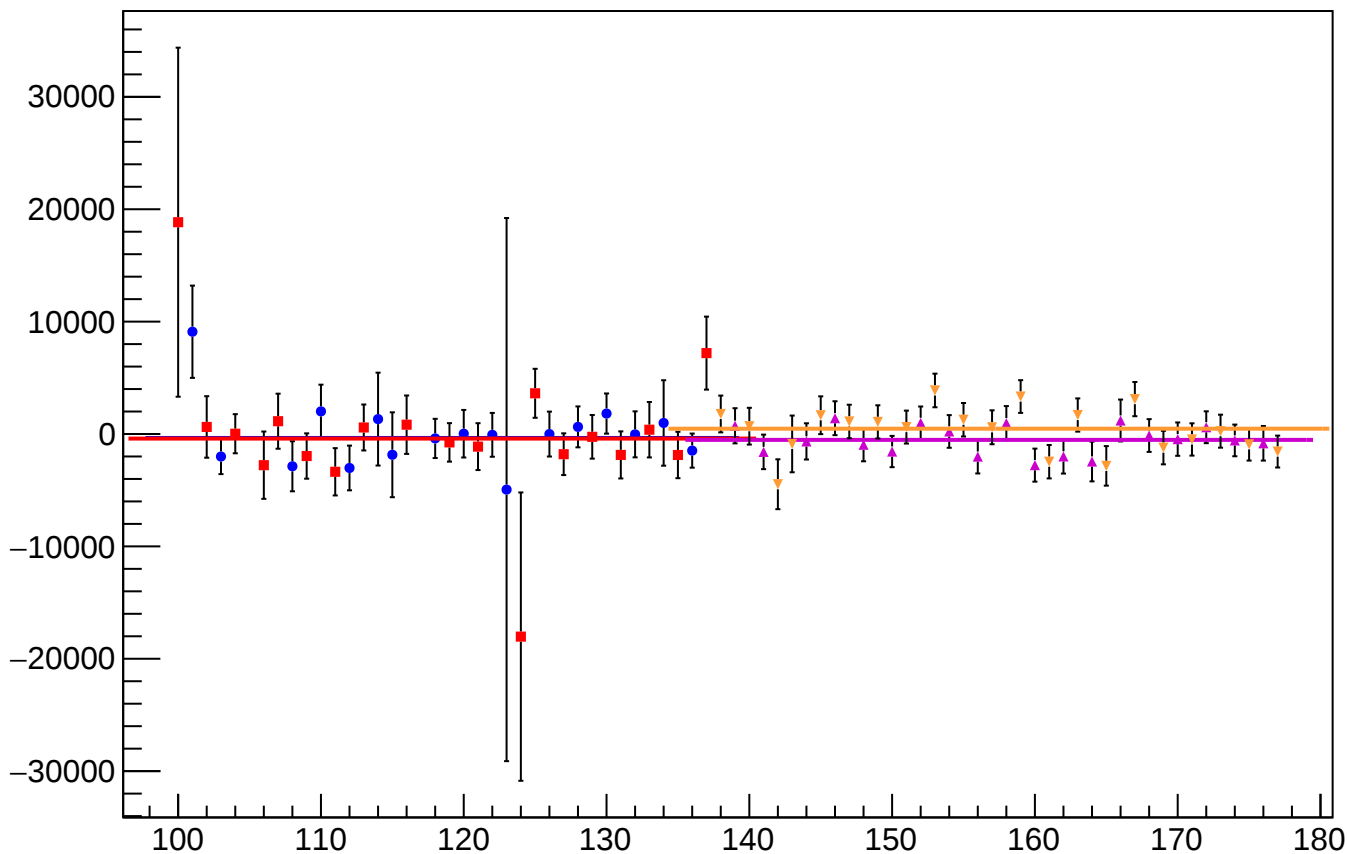
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1397.866+/-0.215 χ^2/NDF : 707503.1/35

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

All: 1405.473+/-0.151 χ^2/NDF : 2002078.5/75

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 472.235 ± 339.365 χ^2/NDF : 31.9/20

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

Left In: -523.321 ± 346.968 χ^2/NDF : 12.8/18

Left: -14.515 ± 242.611 χ^2/NDF : 48.9/39

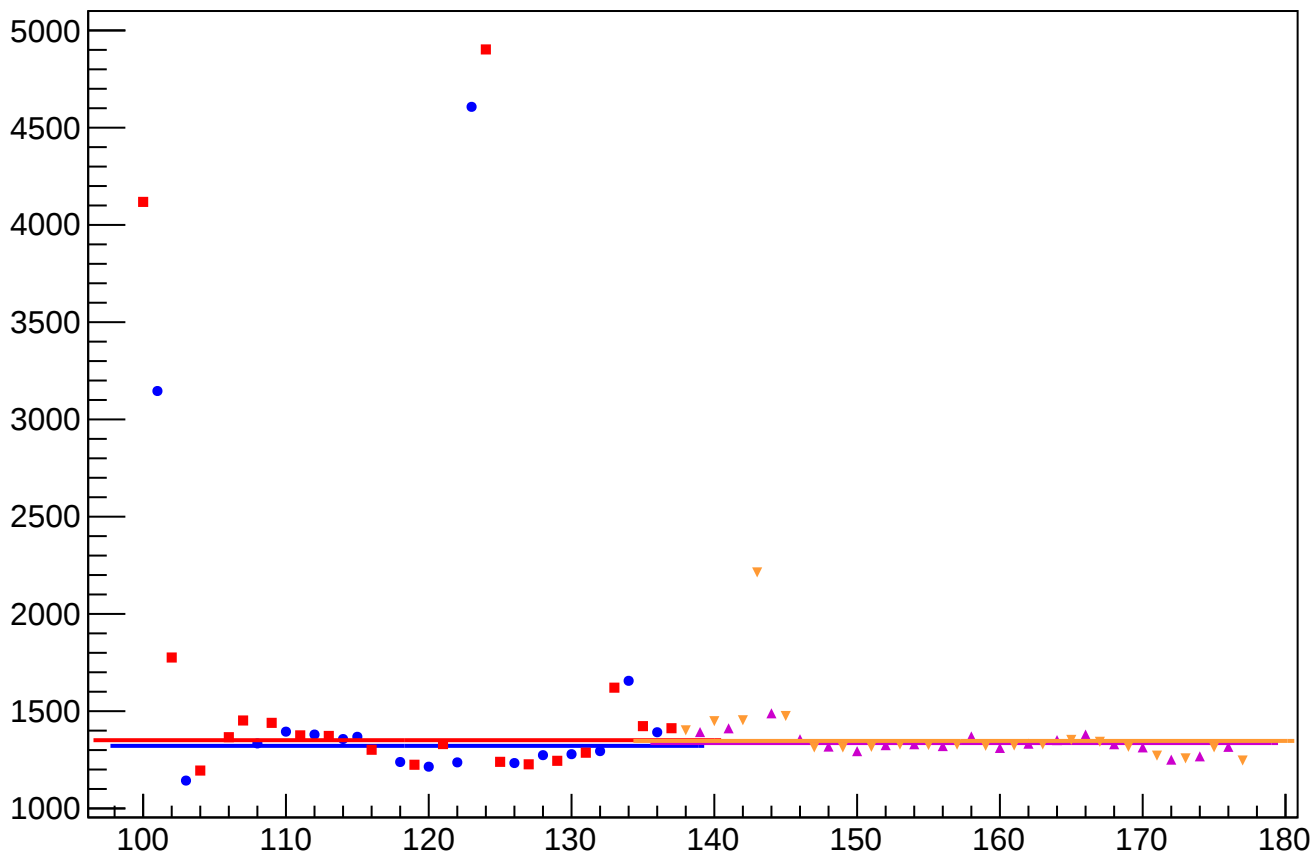
Right: -380.326 ± 369.594 χ^2/NDF : 31.8/35

In: -471.353 ± 289.183 χ^2/NDF : 26.2/35

Out: 210.939 ± 284.530 χ^2/NDF : 52.3/39

All: -124.674 ± 202.818 χ^2/NDF : 81.4/75

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: 1336.029 $\pm$ 0.245 χ^2 /NDF: 43839.9/18

Left: 1341.693 $\pm$ 0.172 χ^2 /NDF: 337063.9/39

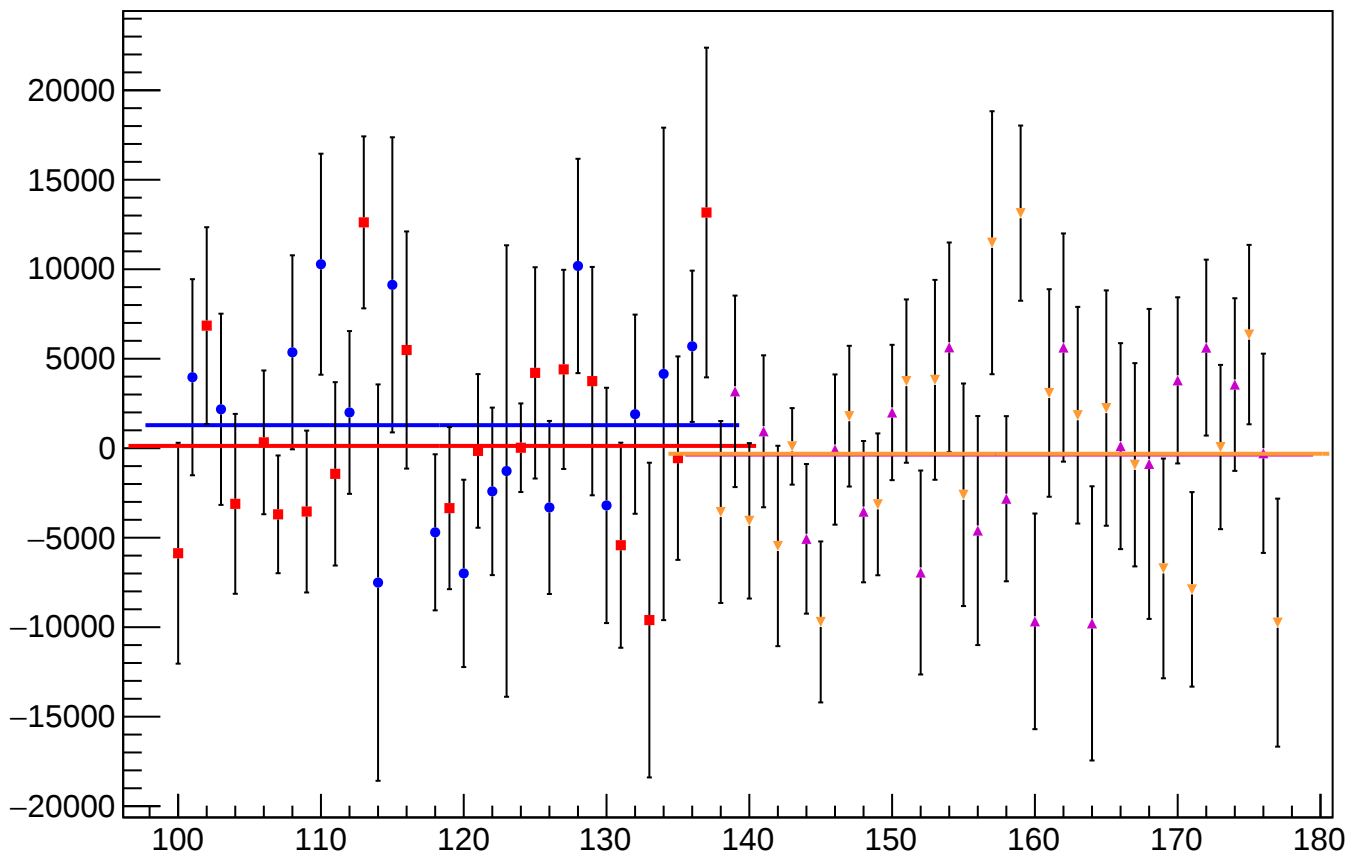
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1331.655 $\pm$ 0.204 χ^2 /NDF: 547126.9/35

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

All: 1340.063 $\pm$ 0.143 χ^2 /NDF: 1192588.3/75

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: -353.427+/-1158.057 χ^2/NDF : 13.7/18

Left: -328.718+/-764.307 χ^2/NDF : 39.8/39

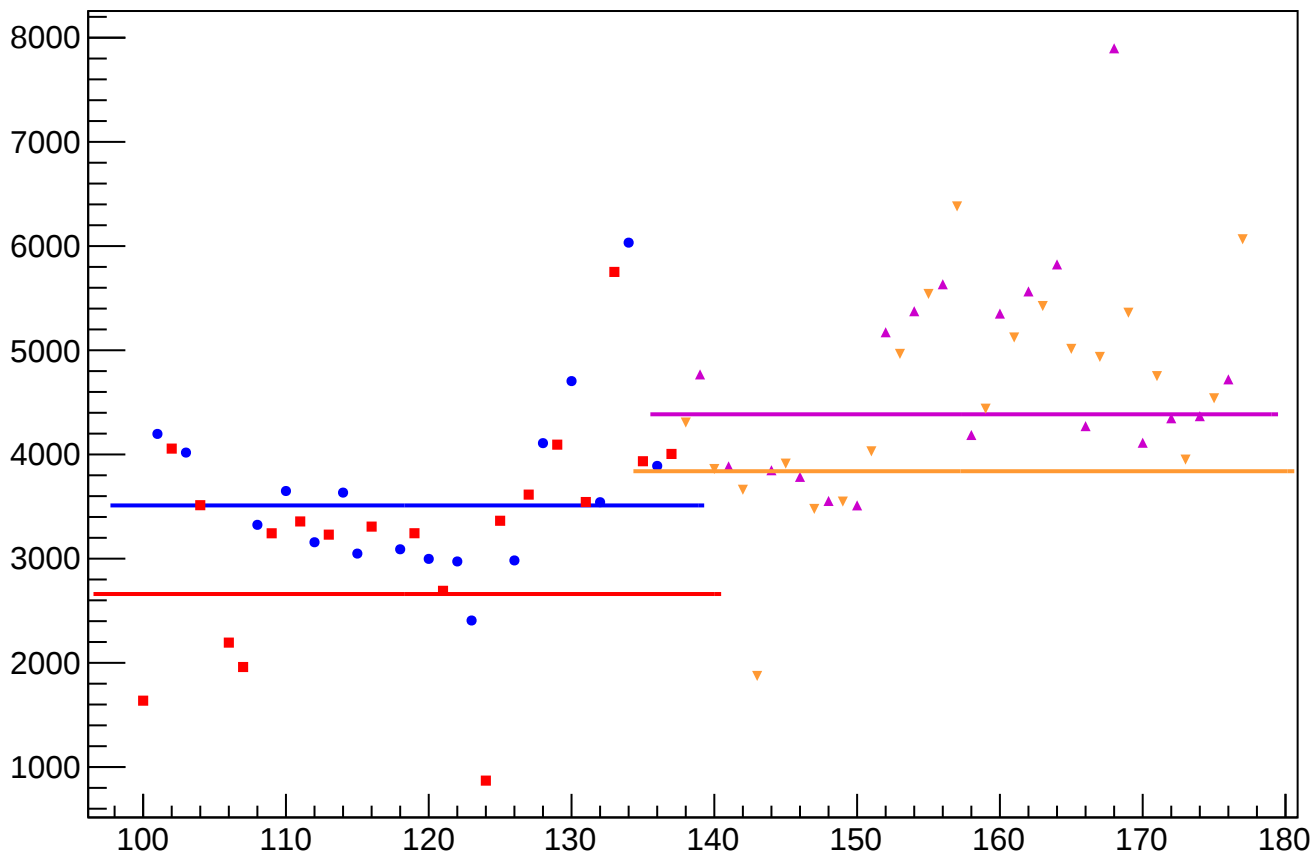
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 327.027+/-885.987 χ^2/NDF : 28.8/35

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

All: 73.378+/-569.386 χ^2/NDF : 73.7/75

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3839.191 $\pm$ 0.719 χ^2 /NDF: 3040322.6/20

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

Left In: 4385.499 $\pm$ 0.819 χ^2 /NDF: 1017116.5/18

Left: 4077.156 $\pm$ 0.540 χ^2 /NDF: 4308651.1/39

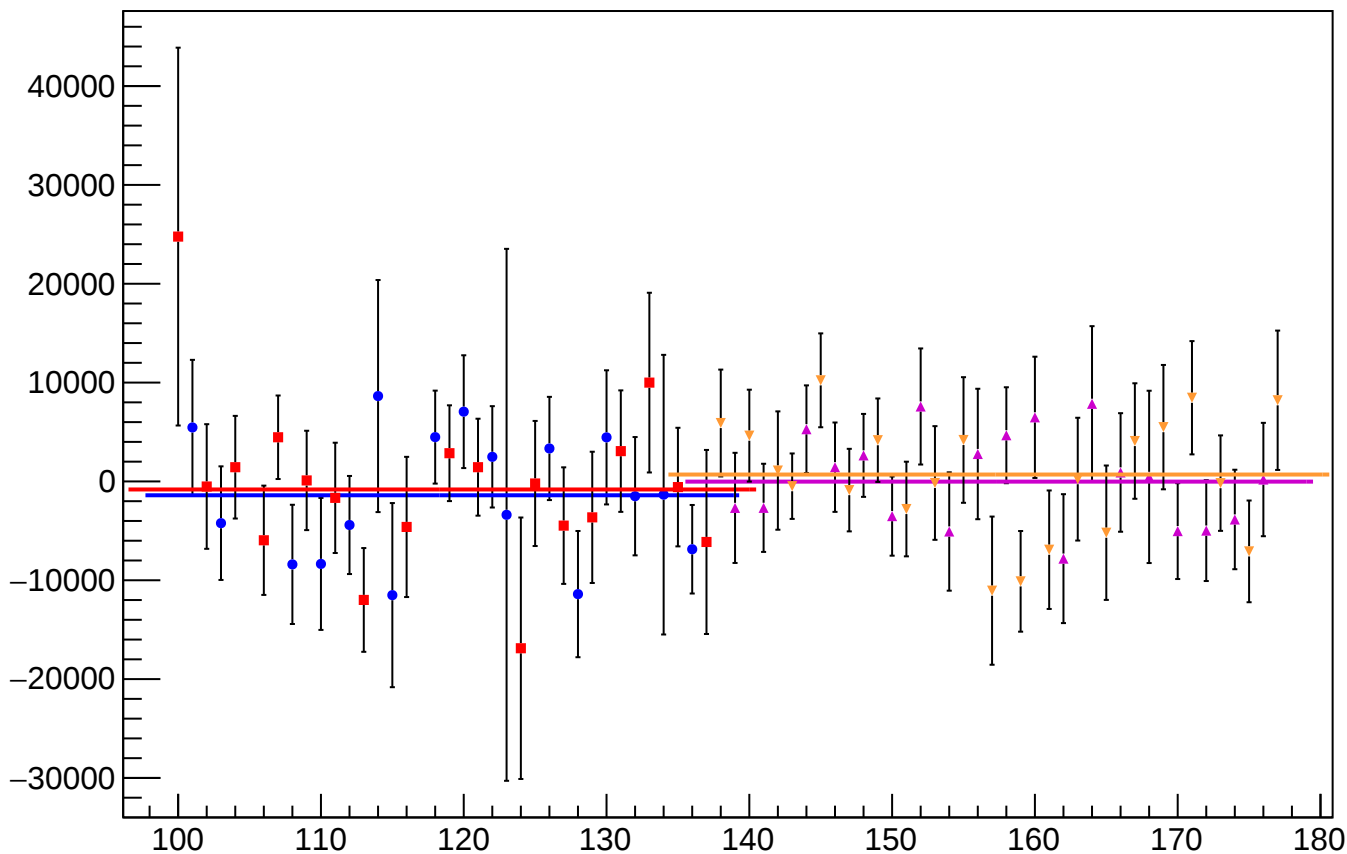
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 4022.780 $\pm$ 0.626 χ^2 /NDF: 1834321.2/35

Out: 3289.553 $\pm$ 0.526 χ^2 /NDF: 6474731.6/39

All: 3592.382 $\pm$ 0.403 χ^2 /NDF: 9113103.8/75

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 697.192 $\pm$ 1136.999 χ^2 /NDF: 23.0/20

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

Left In: -20.447 $\pm$ 1211.024 χ^2 /NDF: 12.9/18

Left: 360.975 $\pm$ 828.915 χ^2 /NDF: 36.2/39

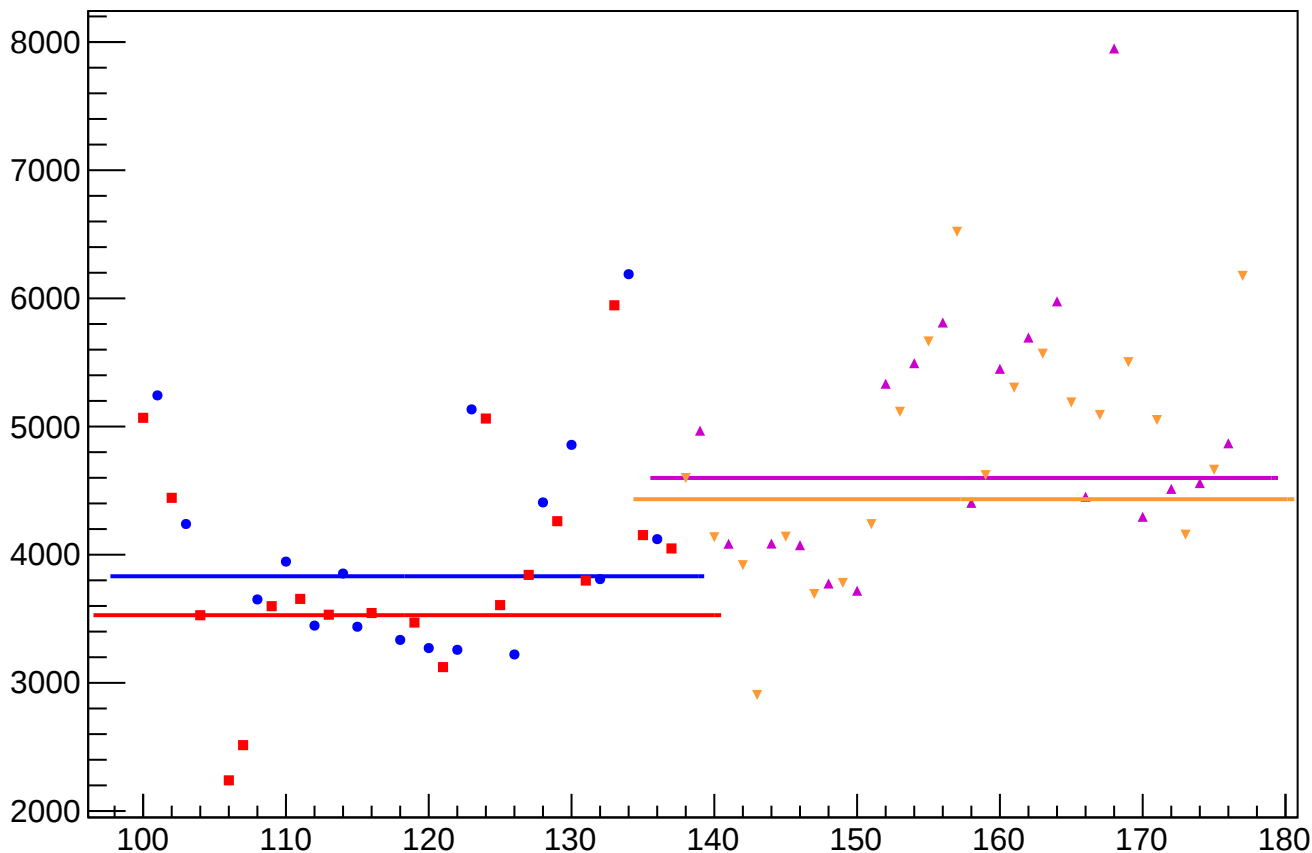
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -563.572 $\pm$ 943.289 χ^2 /NDF: 29.3/35

Out: 85.645 $\pm$ 877.289 χ^2 /NDF: 38.0/39

All: -215.459 $\pm$ 642.404 χ^2 /NDF: 67.5/75

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: 4598.770+/-0.856 χ^2/NDF : 875648.0/18

Left: 4510.719+/-0.586 χ^2/NDF : 2101080.1/39

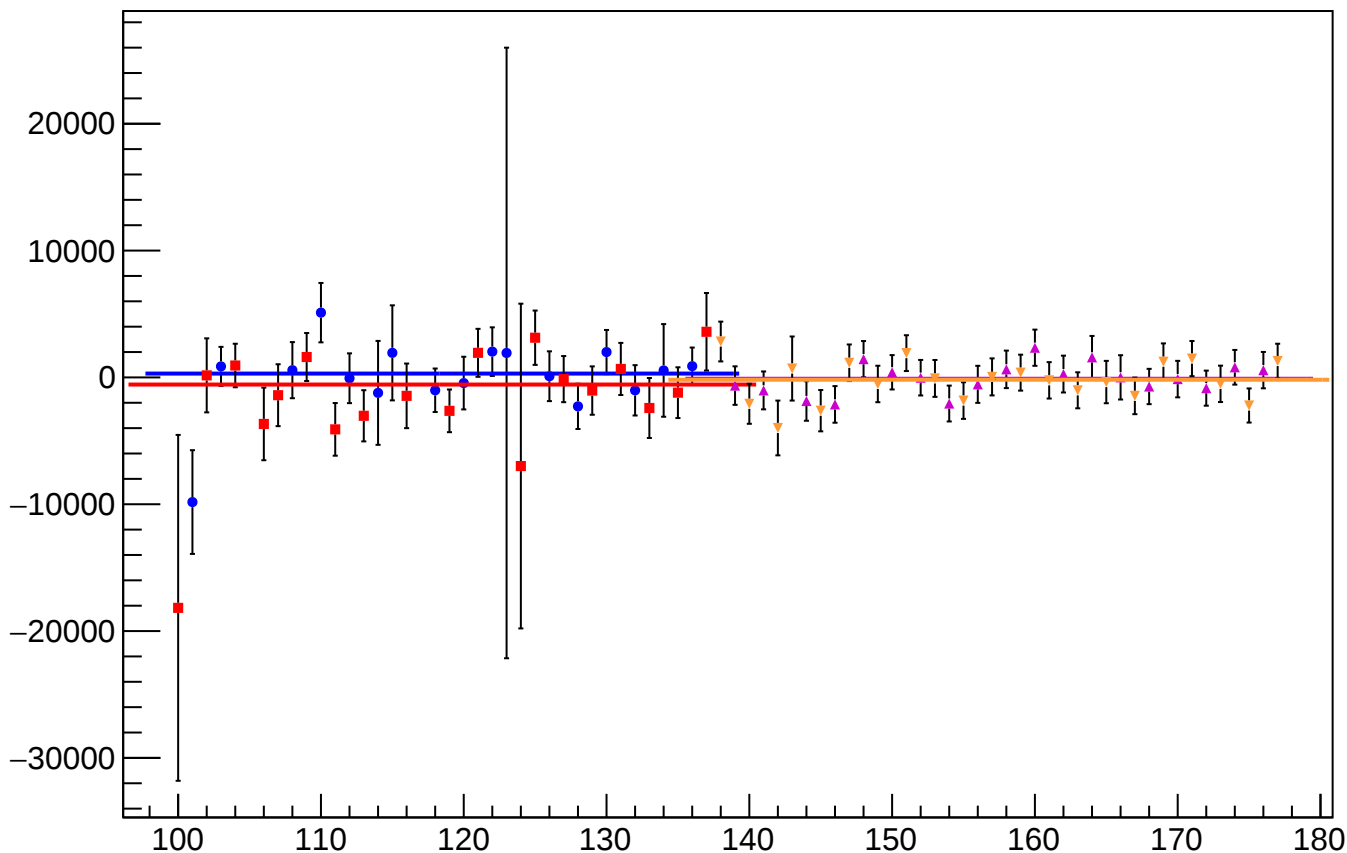
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4297.130+/-0.667 χ^2/NDF : 1528842.9/35

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

All: 4171.101+/-0.453 χ^2/NDF : 3876258.7/75

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: -105.765 $\pm$ 334.580 χ^2 /NDF:12.5/18

Left: -145.901 $\pm$ 233.947 χ^2 /NDF: 34.7/39

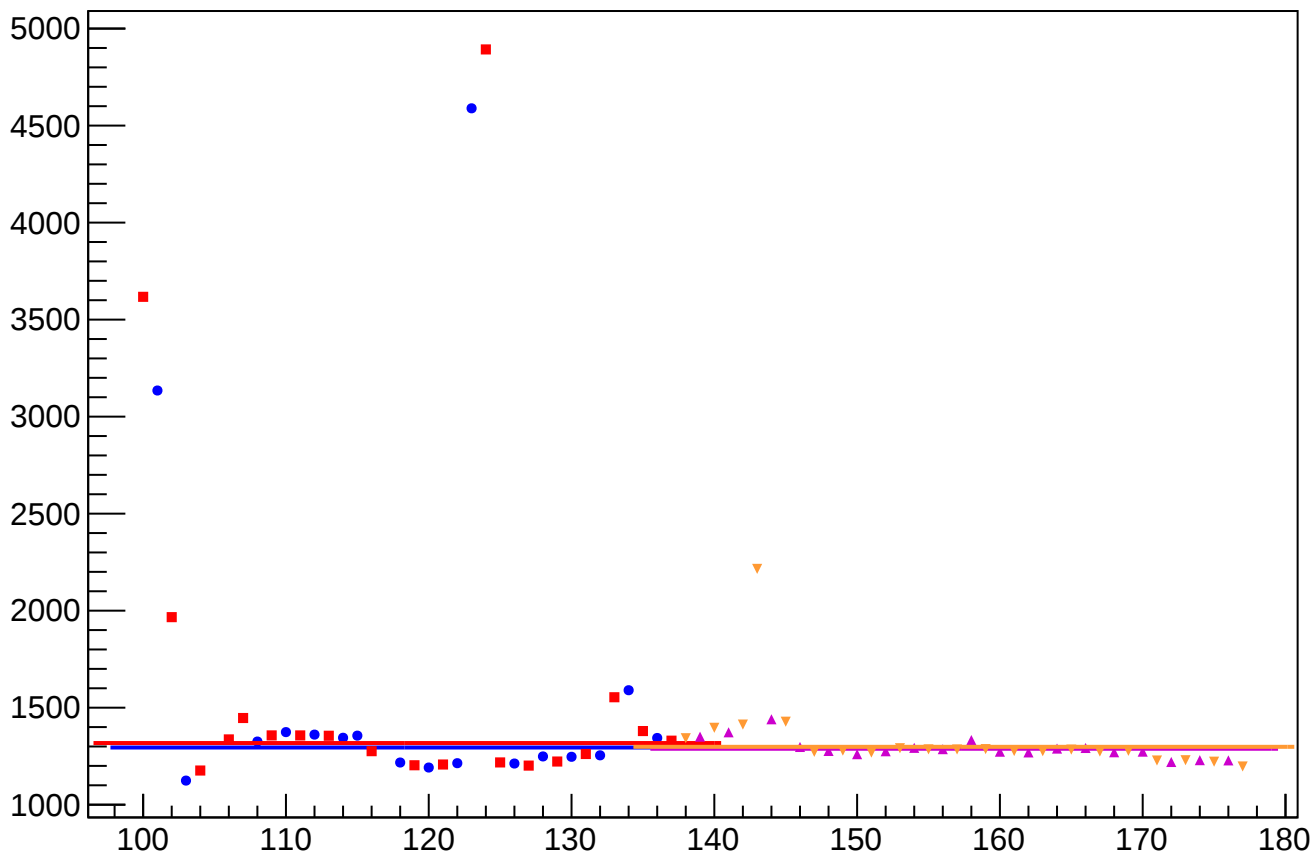
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: 15.969 $\pm$ 280.217 χ^2 /NDF:29.0/35

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

All: -142.365 $\pm$ 196.330 χ^2 /NDF: 71.4/75

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: 1288.250+/-0.237 χ^2/NDF : 45077.1/18

Left: 1293.378+/-0.165 χ^2/NDF : 369097.8/39

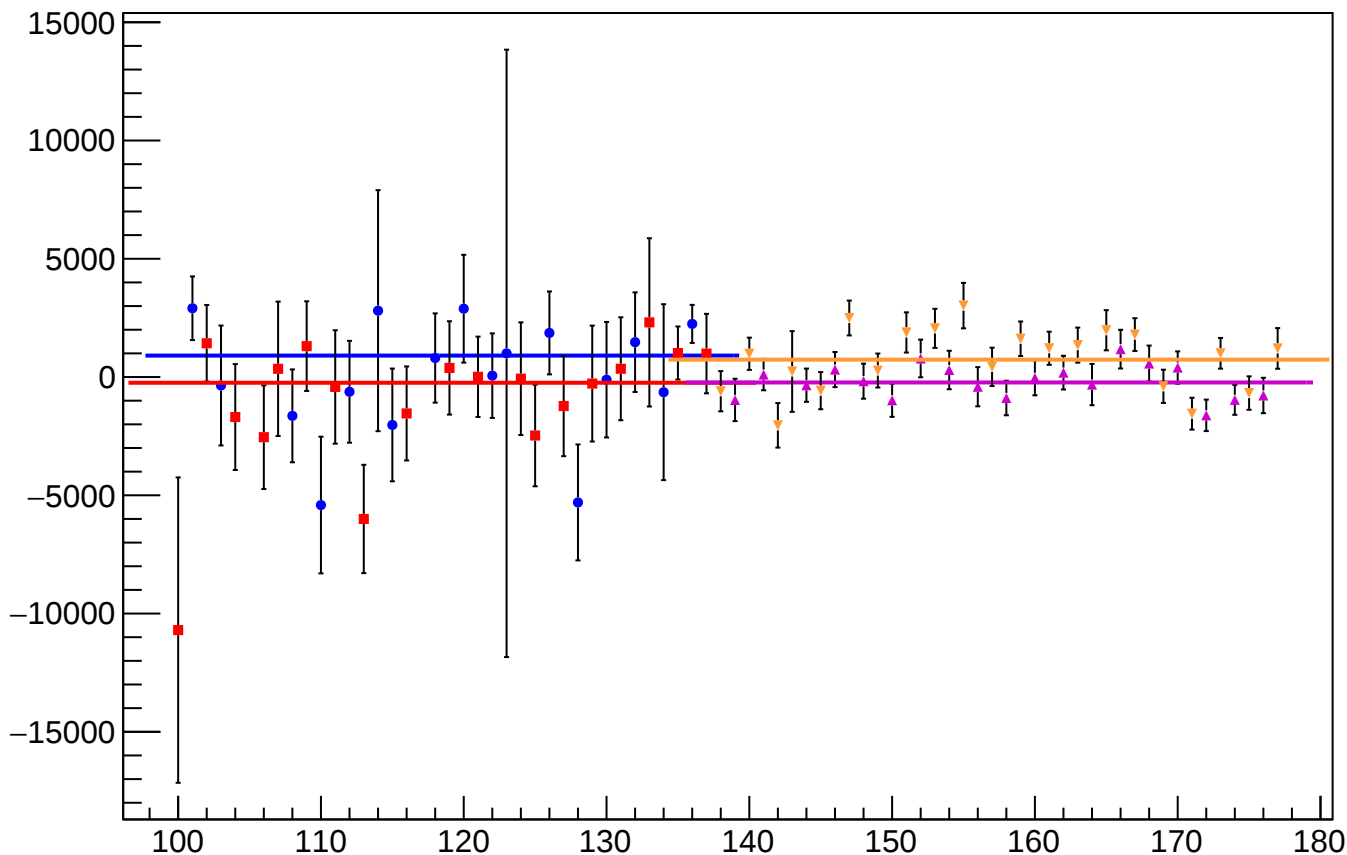
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1290.184+/-0.198 χ^2/NDF : 553105.0/35

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

All: 1297.217+/-0.139 χ^2/NDF : 1271570.4/75

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: -229.587 $\pm$ 169.853 χ^2 /NDF:17.2/18

Left: 254.884 $\pm$ 119.802 χ^2 /NDF: 89.5/39

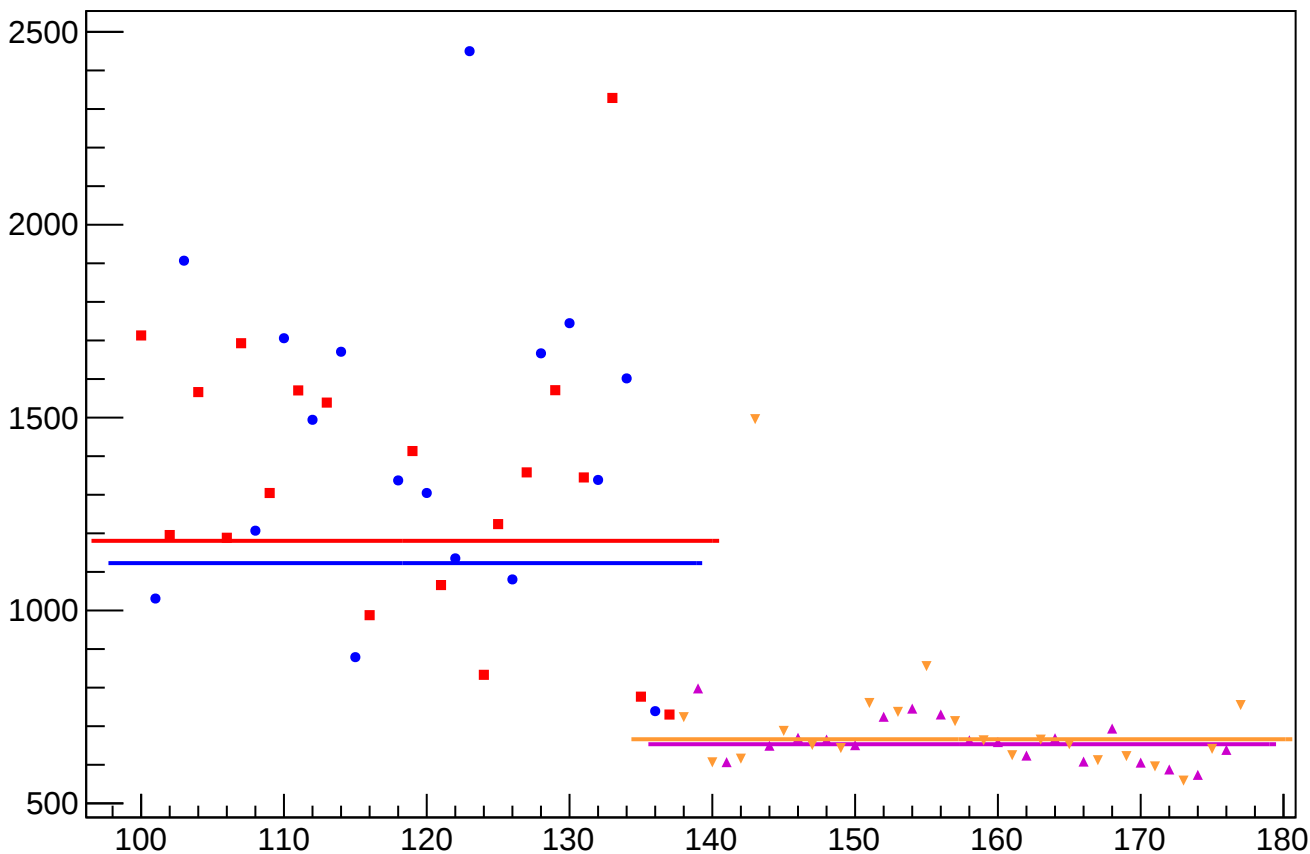
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: -91.057 $\pm$ 159.163 χ^2 /NDF:44.6/35

Out: 619.815 $\pm$ 158.771 χ^2 /NDF:76.5/39

All: 265.256 $\pm$ 112.406 χ^2 /NDF: 131.1/75

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: 653.297+/-0.120 χ^2/NDF : 200389.0/18

Left: 659.779+/-0.085 χ^2/NDF : 964689.5/39

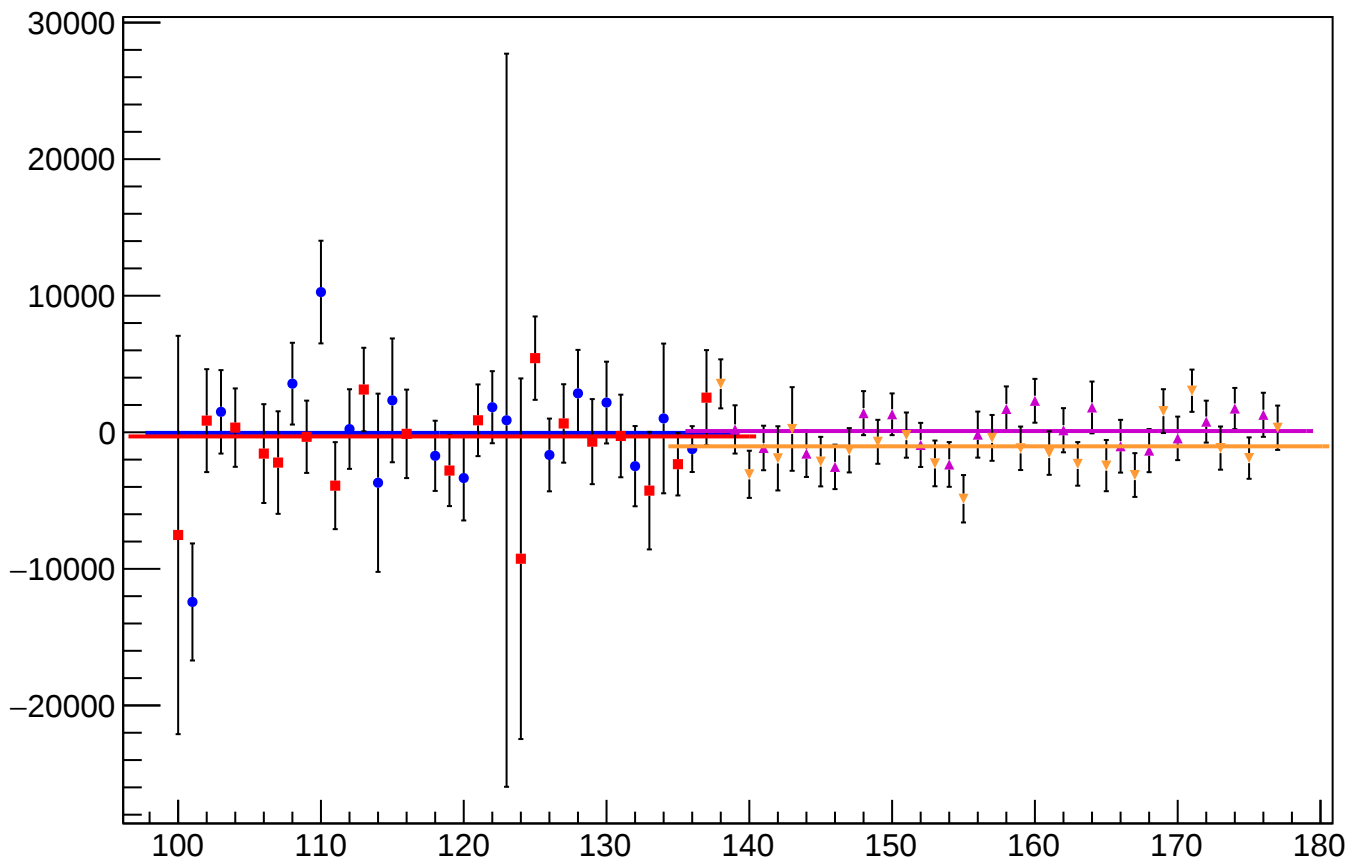
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 710.534+/-0.113 χ^2/NDF : 3251191.2/35

Out: 726.592+/-0.112 χ^2/NDF : 3969172.5/39

All: 718.583+/-0.079 χ^2/NDF : 7230568.0/75

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: 91.103 ± 376.211 $\chi^2/\text{NDF}: 15.0/18$

Left: -476.879 ± 263.957 $\chi^2/\text{NDF}: 47.6/39$

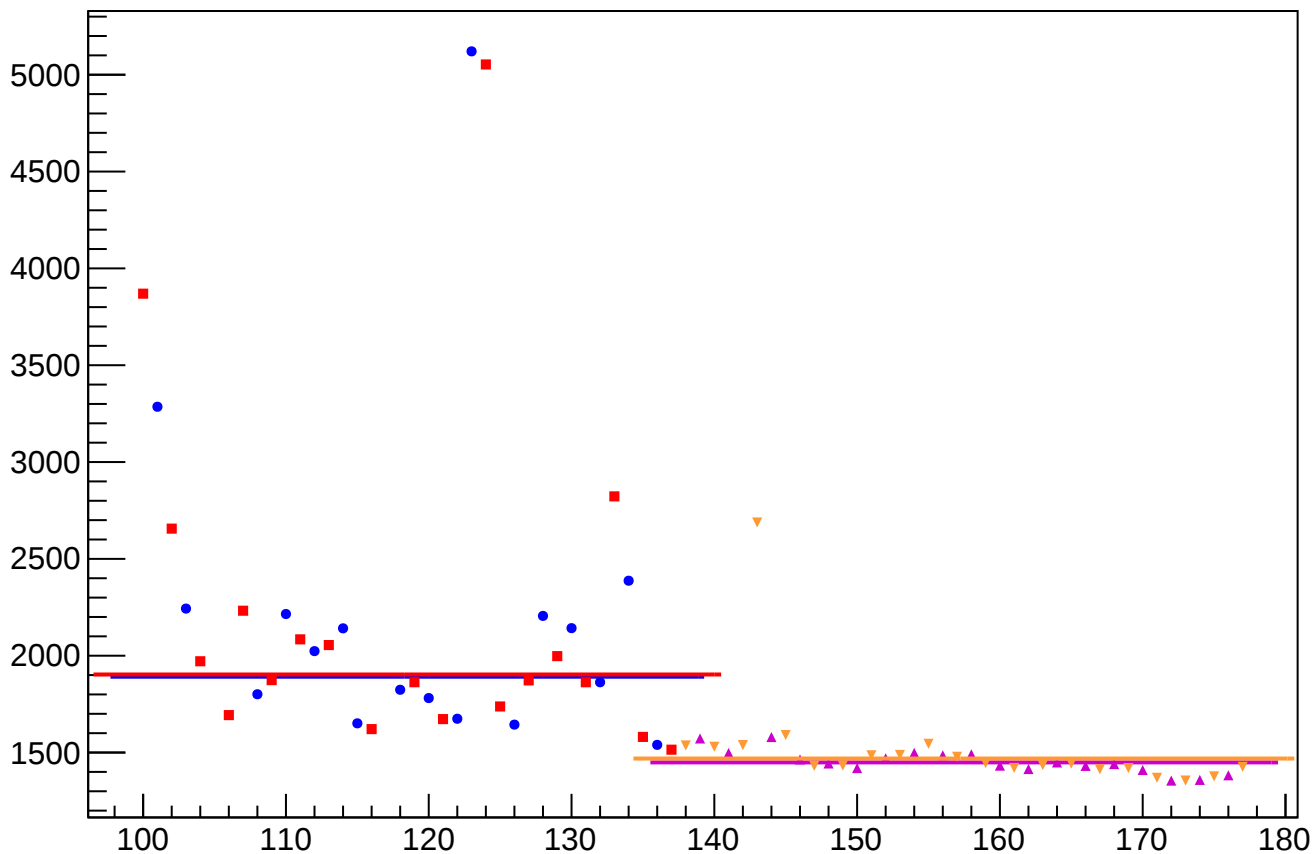
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: 63.729 ± 336.058 $\chi^2/\text{NDF}: 38.2/35$

Out: -880.771 ± 330.751 $\chi^2/\text{NDF}: 39.7/39$

All: -416.038 ± 235.730 $\chi^2/\text{NDF}: 81.9/75$

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: 1449.077 $\pm$ 0.266 χ^2 /NDF: 49222.1/18

Left: 1459.218 $\pm$ 0.187 χ^2 /NDF: 426546.5/39

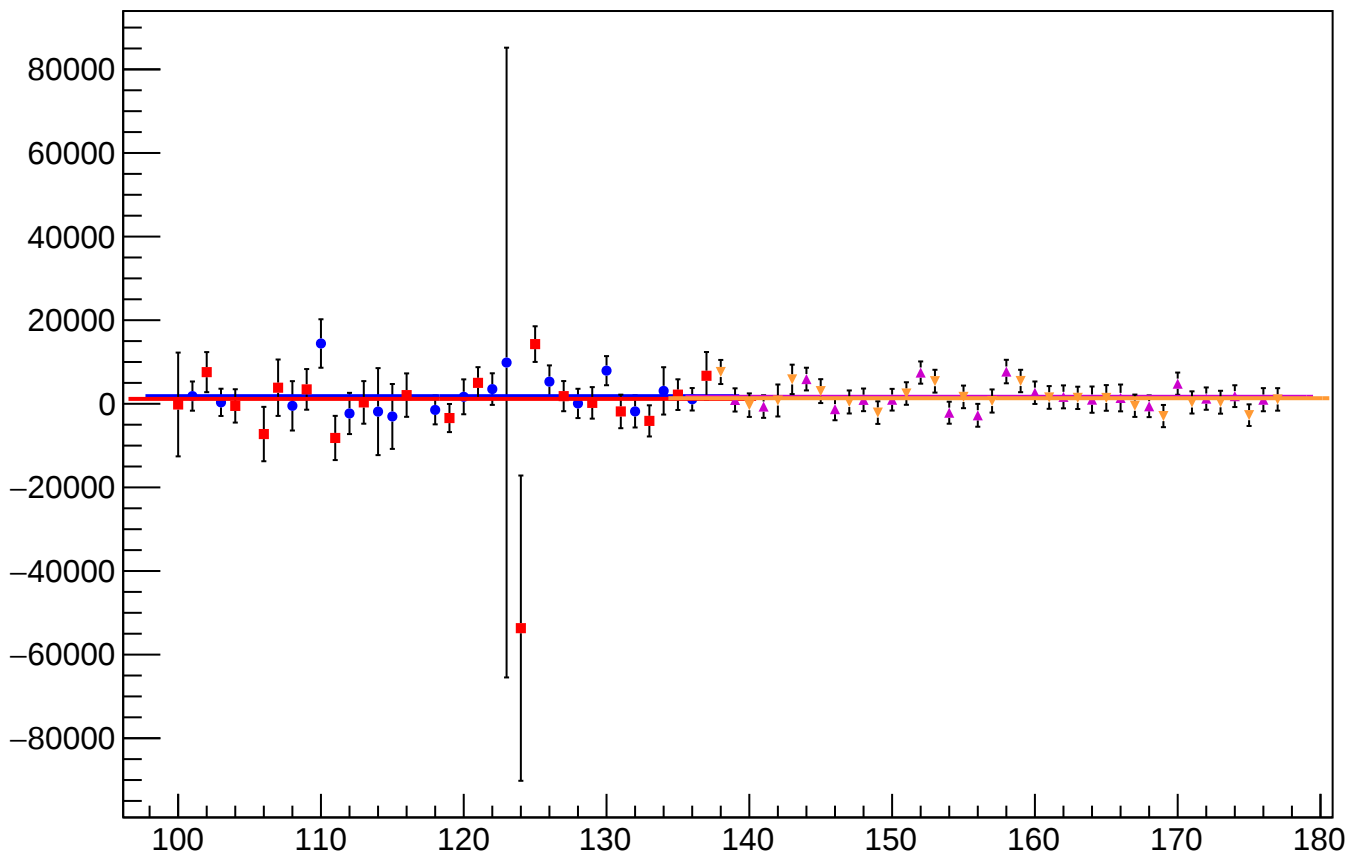
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1538.512 $\pm$ 0.238 χ^2 /NDF: 1077655.4/35

Out: 1557.060 $\pm$ 0.234 χ^2 /NDF: 1391244.4/39

All: 1547.934 $\pm$ 0.167 χ^2 /NDF: 2471994.4/75

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: 1675.599 $\pm$ 625.988 χ^2 /NDF:21.2/18

Left: 1500.280 $\pm$ 436.703 χ^2 /NDF: 40.7/39

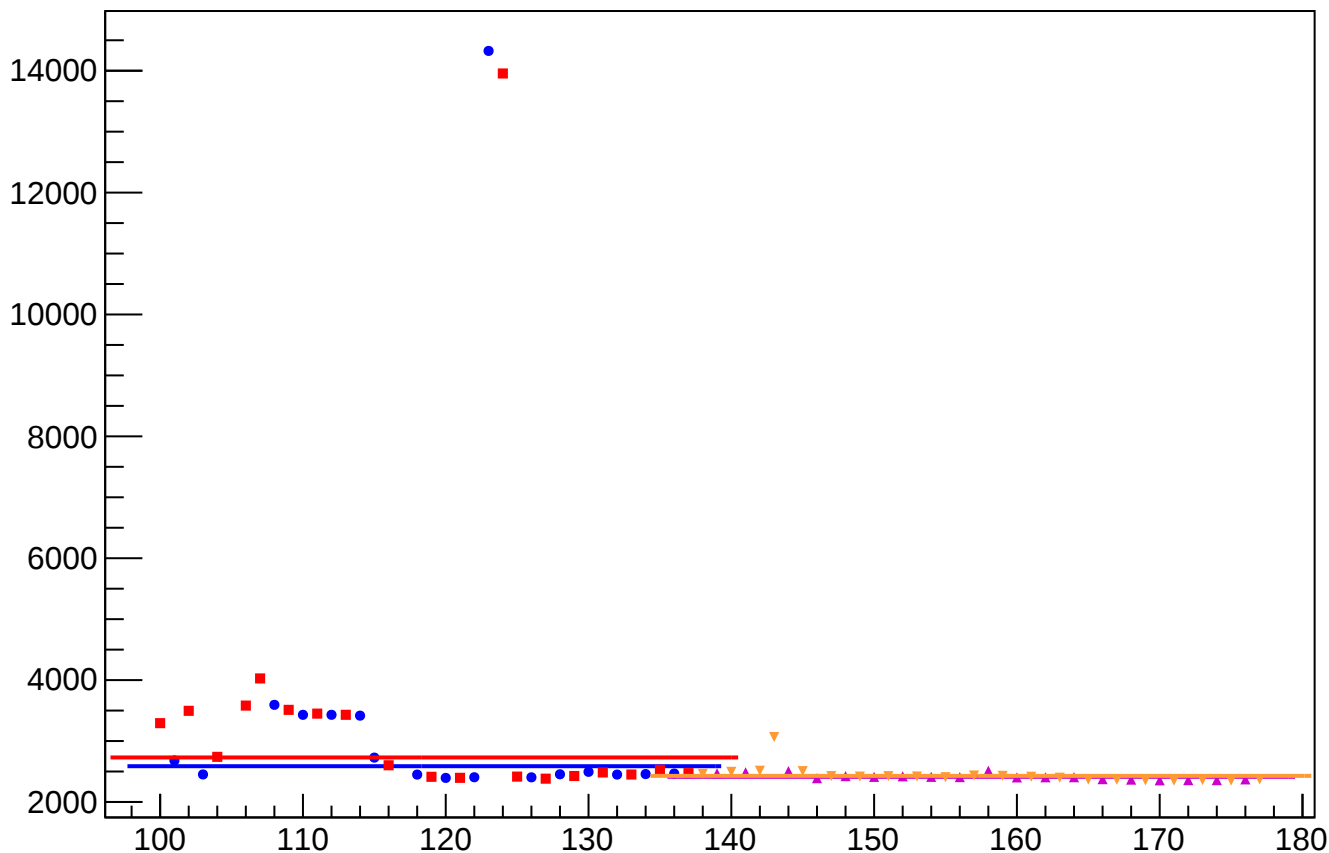
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1717.064 $\pm$ 532.103 χ^2 /NDF:33.7/35

Out: 1293.306 $\pm$ 526.658 χ^2 /NDF:44.9/39

All: 1503.006 $\pm$ 374.314 χ^2 /NDF: 79.0/75

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2428.596 $\pm$ 0.431 χ^2 /NDF: 79094.0/20

Right Out: 2730.484 $\pm$ 0.740 χ^2 /NDF: 584993.0/18

Left In: 2412.614 $\pm$ 0.443 χ^2 /NDF: 11631.7/18

Left: 2420.818 $\pm$ 0.309 χ^2 /NDF: 91394.9/39

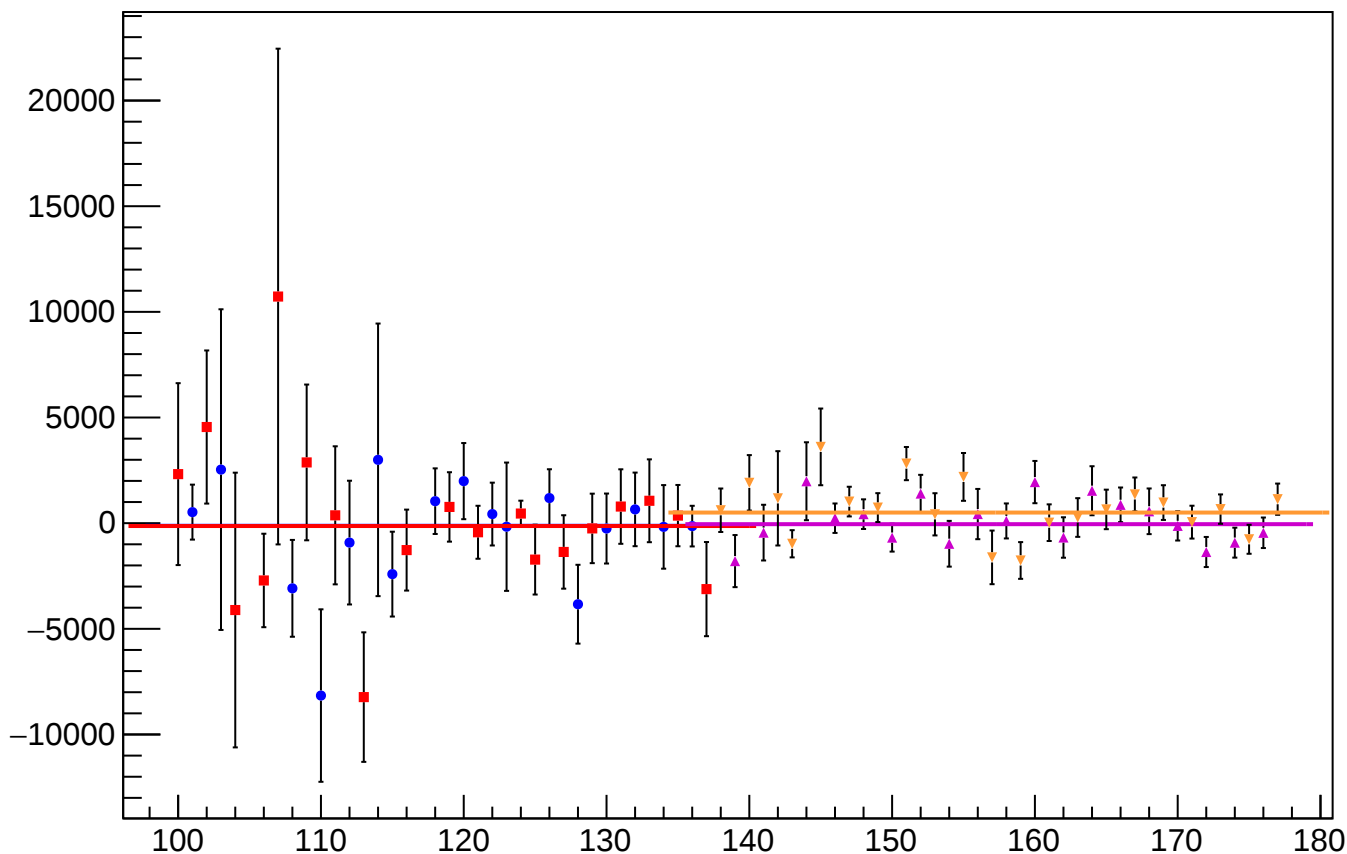
Right: 2656.218 $\pm$ 0.514 χ^2 /NDF: 858580.5/35

In: 2460.994 $\pm$ 0.376 χ^2 /NDF: 308798.7/35

Out: 2505.100 $\pm$ 0.372 χ^2 /NDF: 788418.6/39

All: 2483.274 $\pm$ 0.265 χ^2 /NDF: 1104158.7/75

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: -47.511+/-198.687 χ^2/NDF :21.6/18

Left: 242.991+/-136.486 χ^2/NDF : 62.7/39

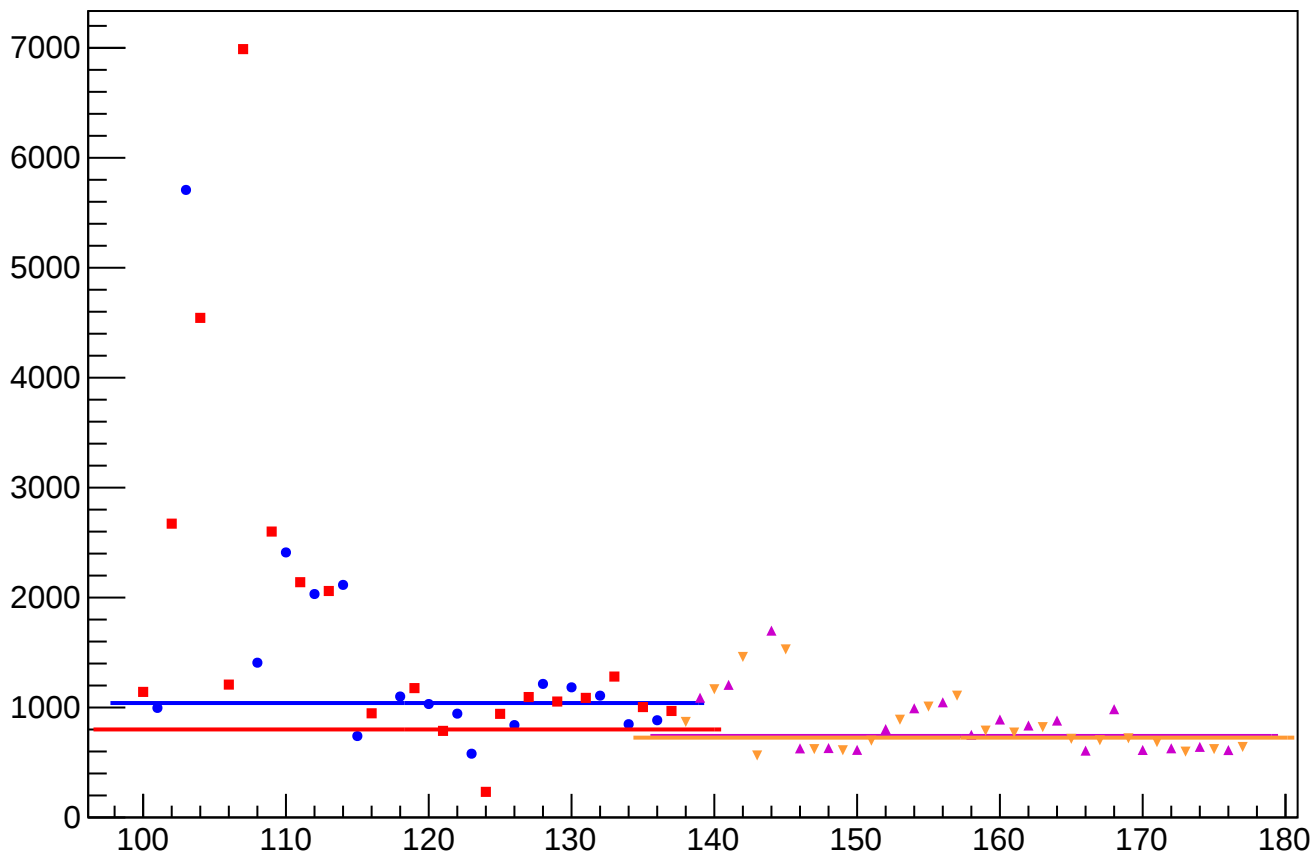
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -61.012+/-180.420 χ^2/NDF :36.3/35

Out: 377.031+/-168.320 χ^2/NDF :57.2/39

All: 173.189+/-123.076 χ^2/NDF : 96.6/75

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: 741.283+/-0.140 χ^2/NDF :1840874.5/18

Left: 733.159+/-0.097 χ^2/NDF : 3493411.9/39

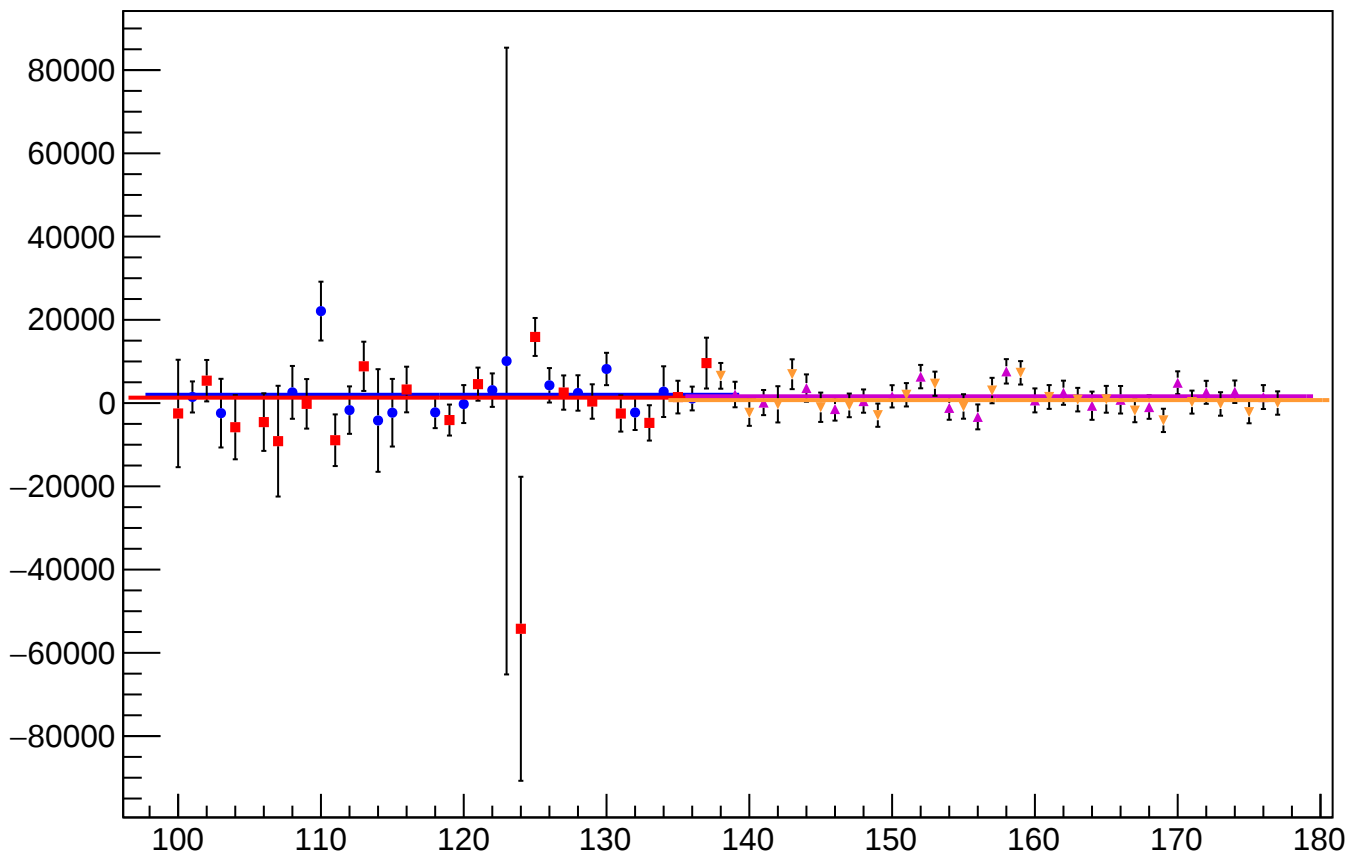
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 793.819+/-0.128 χ^2/NDF :4211014.6/35

Out: 740.563+/-0.119 χ^2/NDF :6895172.1/39

All: 765.346+/-0.087 χ^2/NDF : 11199356.6/75

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: 1629.631+/-666.822 χ^2/NDF : 16.0/18

Left: 1159.036+/-464.446 χ^2/NDF : 40.2/39

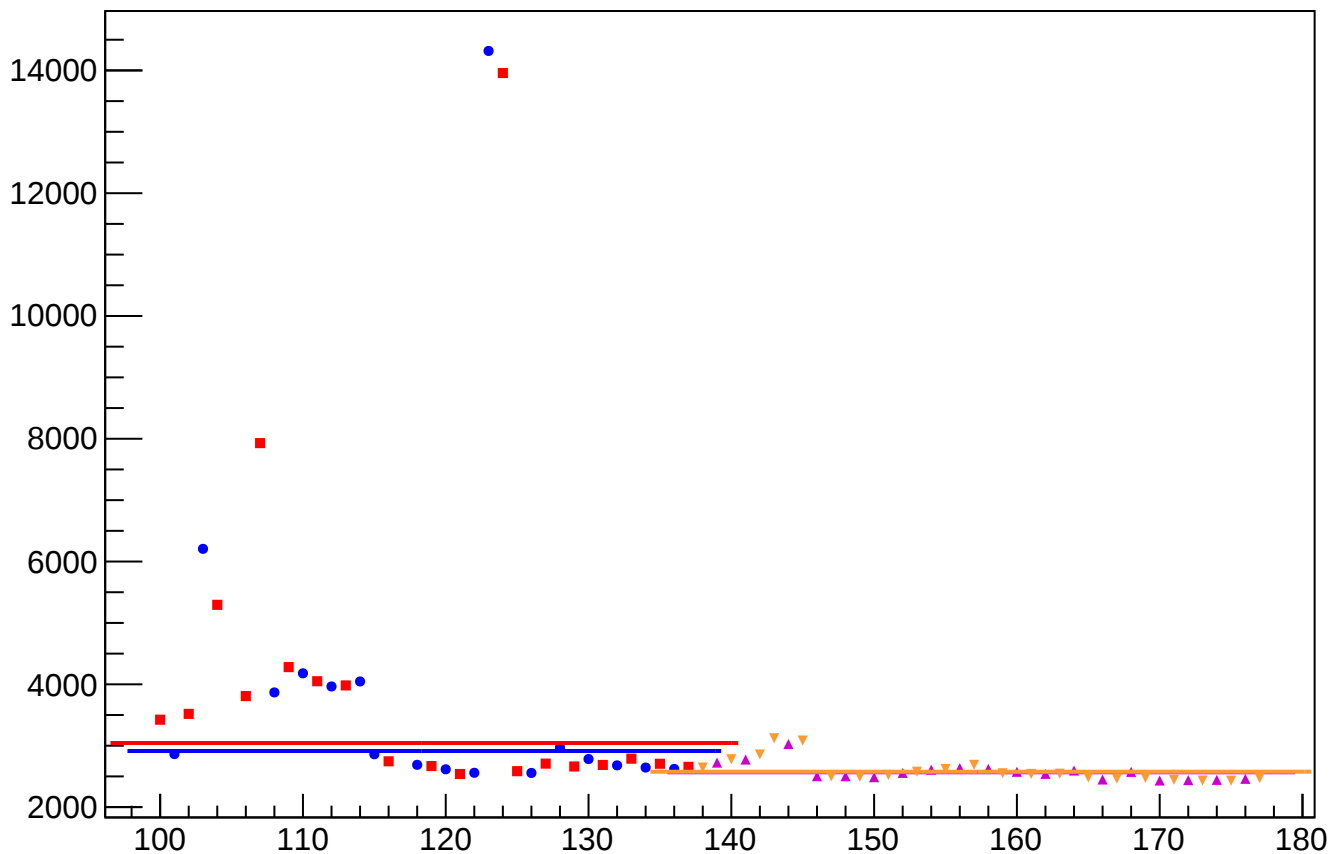
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1721.279+/-577.495 χ^2/NDF : 31.0/35

Out: 850.226+/-568.452 χ^2/NDF : 51.0/39

All: 1278.879+/-405.116 χ^2/NDF : 83.2/75

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: 2566.833+/-0.472 χ^2/NDF :79095.1/18

Left: 2571.667+/-0.328 χ^2/NDF : 217923.7/39

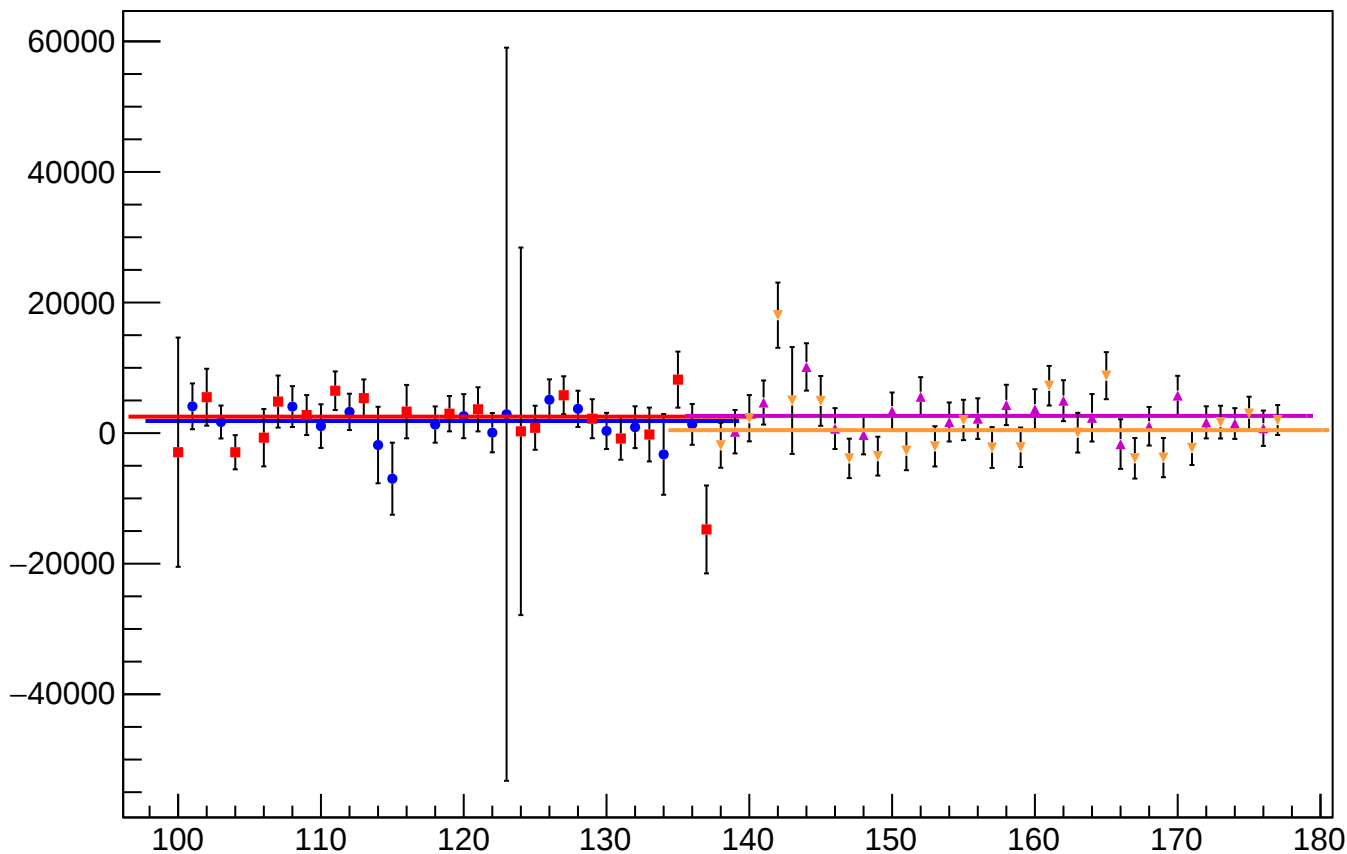
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2653.584+/-0.408 χ^2/NDF :853495.3/35

Out: 2683.314+/-0.402 χ^2/NDF :1383335.3/39

All: 2668.684+/-0.286 χ^2/NDF : 2239522.8/75

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 χ^2/NDF : 7.3/16

Left Out: 455.595 ± 674.748 χ^2/NDF : 39.2/20

Right Out: 2523.303 ± 818.432 χ^2/NDF : 20.1/18

Left In: 2638.059 ± 693.006 χ^2/NDF : 12.2/18

Left: 1517.699 ± 483.445 χ^2/NDF : 56.5/39

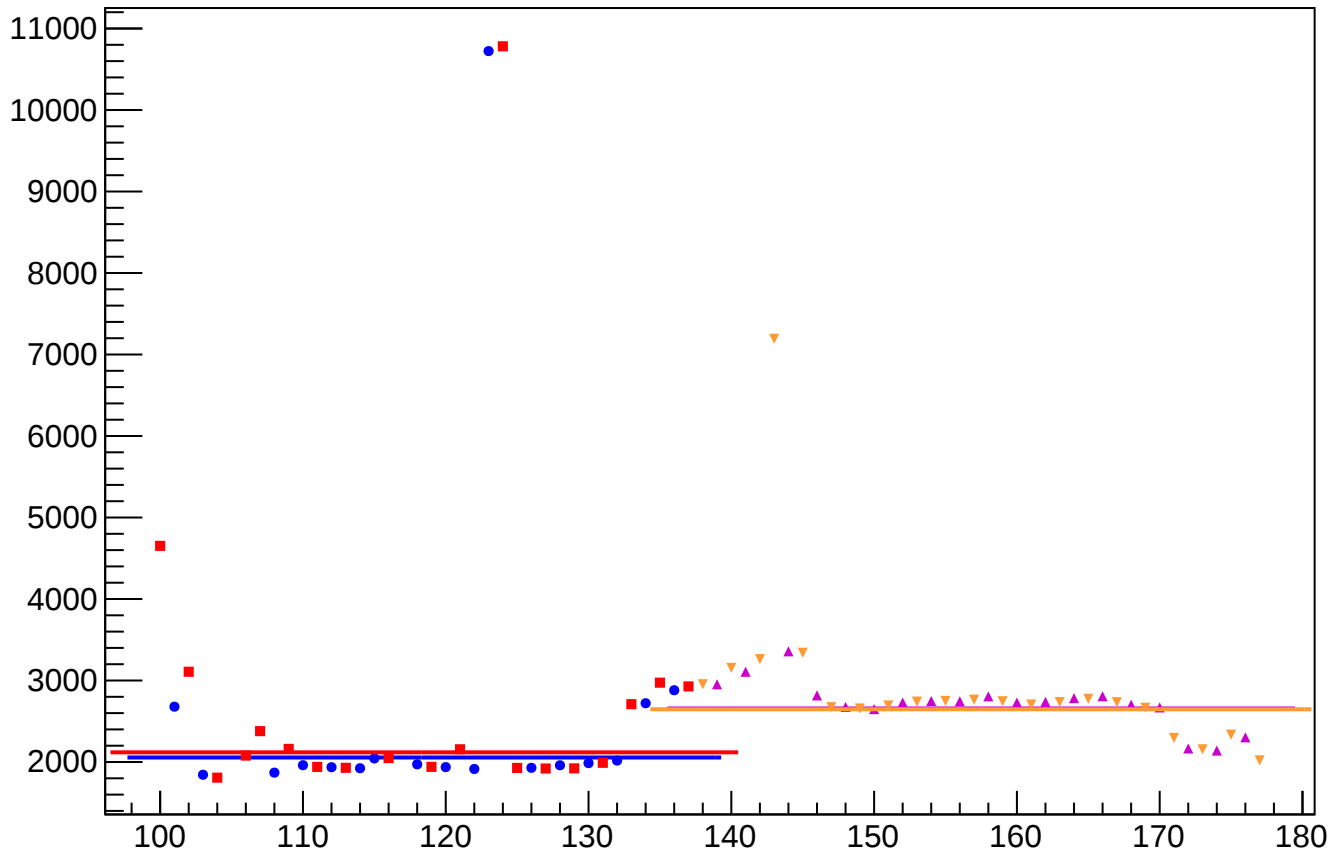
Right: 2181.863 ± 574.547 χ^2/NDF : 27.7/35

In: 2303.500 ± 525.687 χ^2/NDF : 20.0/35

Out: 1292.306 ± 520.626 χ^2/NDF : 63.1/39

All: 1793.012 ± 369.914 χ^2/NDF : 84.9/75

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: 2657.123+/-0.490 χ^2/NDF :359229.1/18

Left: 2652.057+/-0.342 χ^2/NDF : 1437135.3/39

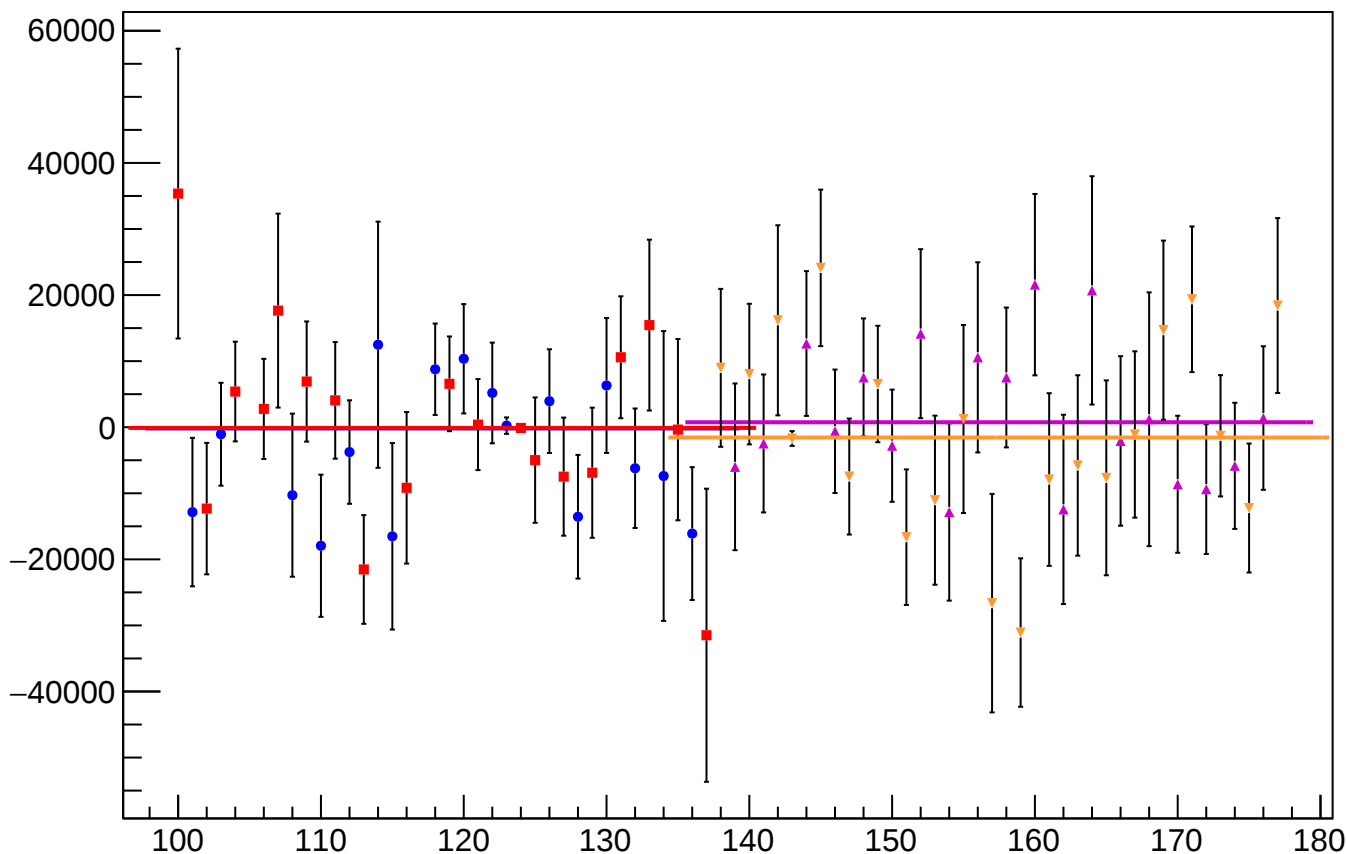
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2401.659+/-0.372 χ^2/NDF :1315712.7/35

Out: 2433.031+/-0.368 χ^2/NDF :2148721.4/39

All: 2417.507+/-0.261 χ^2/NDF : 3468032.1/75

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1558.646+/-1029.436 χ^2/NDF : 30.1/20

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 751.003+/-2594.642 χ^2/NDF : 12.2/18

Left: -1244.522+/-956.875 χ^2/NDF : 43.0/39

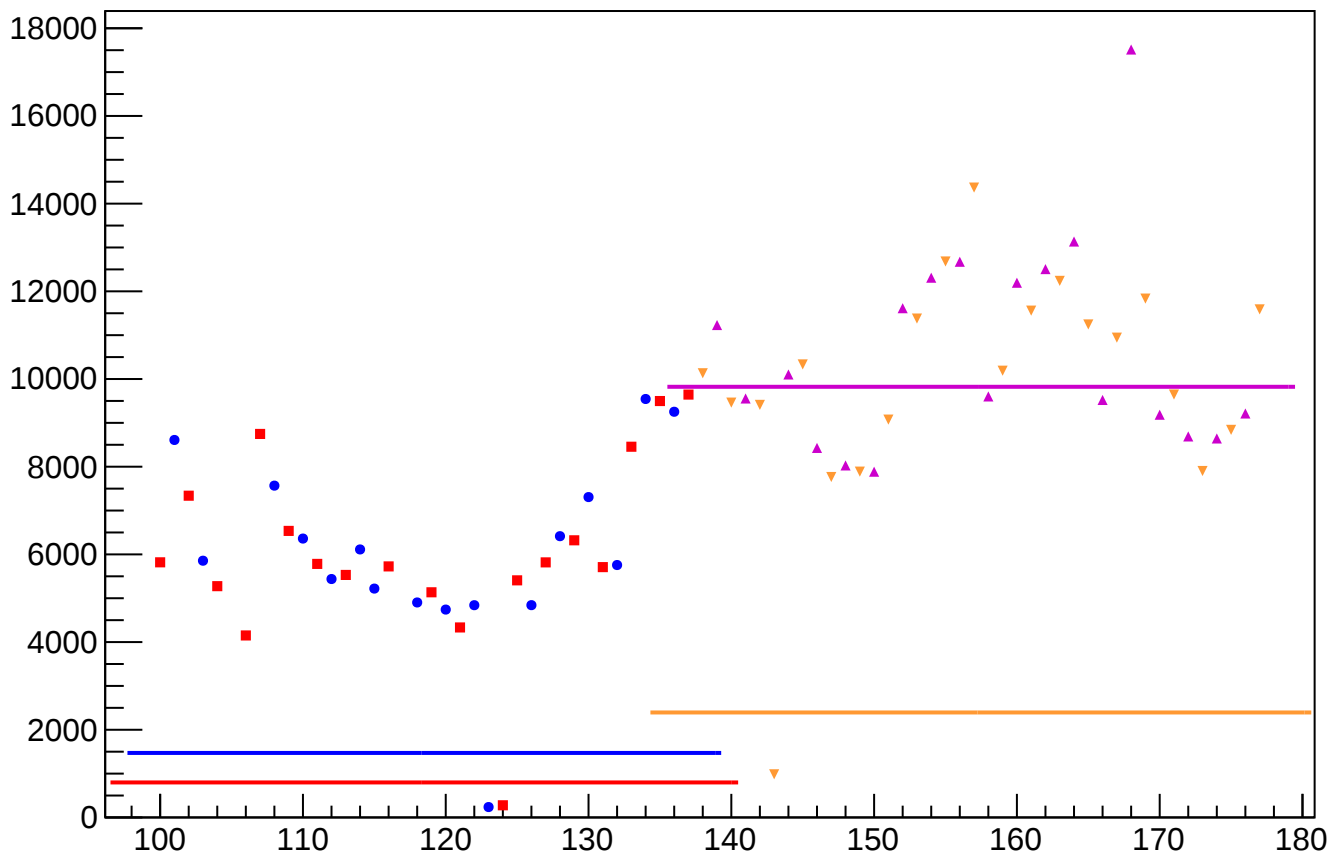
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -42.435+/-1013.355 χ^2/NDF : 28.7/35

Out: -557.390+/-573.525 χ^2/NDF : 53.1/39

All: -432.458+/-499.129 χ^2/NDF : 82.0/75

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: 9822.701+/-1.835

χ^2/NDF : 1040853.7/18

Left: 3404.793+/-0.677

χ^2/NDF : 35932942.0/39

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

In: 2745.438+/-0.717

χ^2/NDF : 28387463.0/35

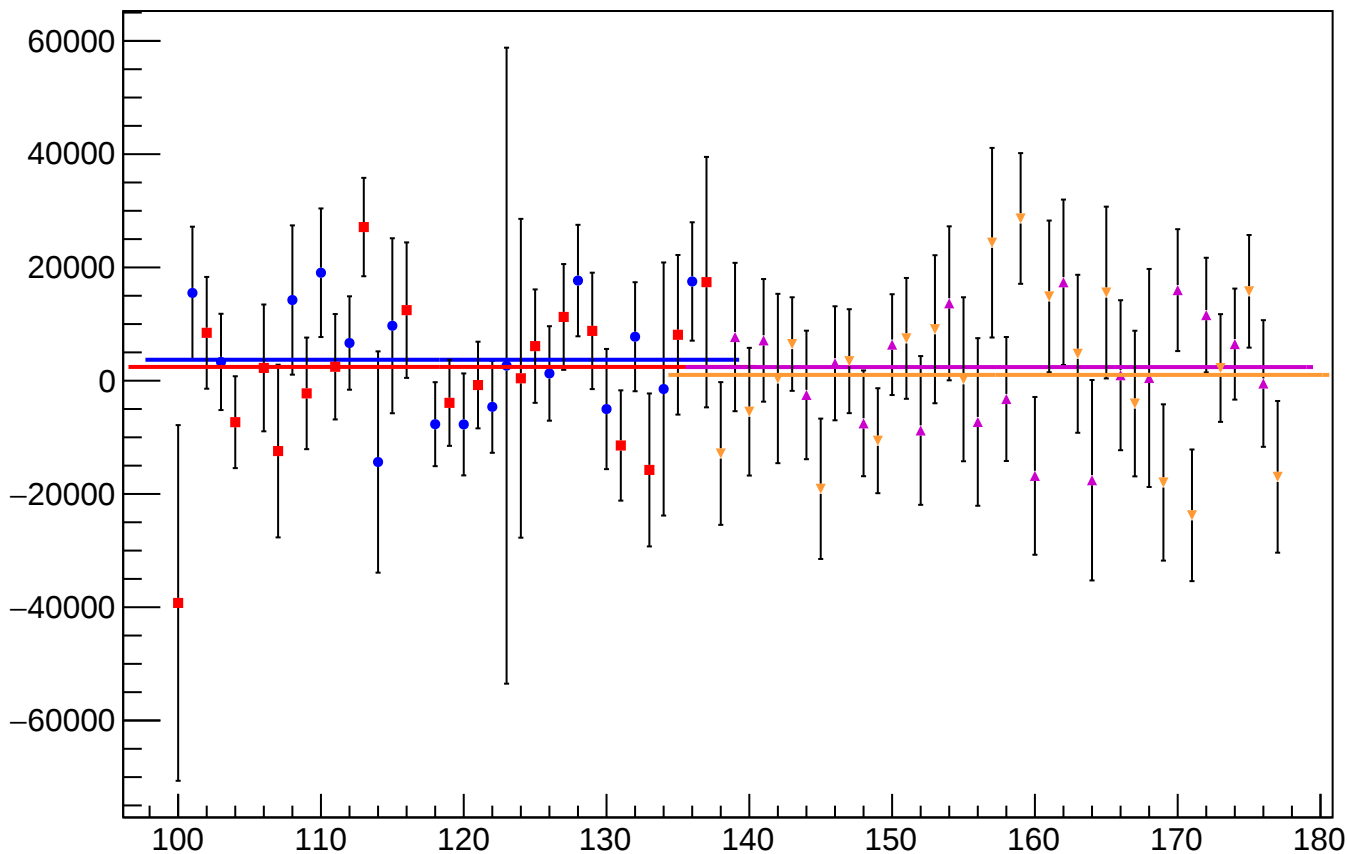
Out: 1293.984+/-0.406

χ^2/NDF : 35571348.4/39

All: 1646.117+/-0.353

χ^2/NDF : 67066482.2/7

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 $\pm$ 2517.949 χ^2 /NDF: 14.4/16

Left Out: 1023.012 $\pm$ 2545.742 χ^2 /NDF: 27.4/20

Right Out: 2430.229 $\pm$ 2421.418 χ^2 /NDF: 20.3/18

Left In: 2407.697 $\pm$ 2687.685 χ^2 /NDF: 10.9/18

Left: 1677.827 $\pm$ 1848.255 χ^2 /NDF: 38.4/39

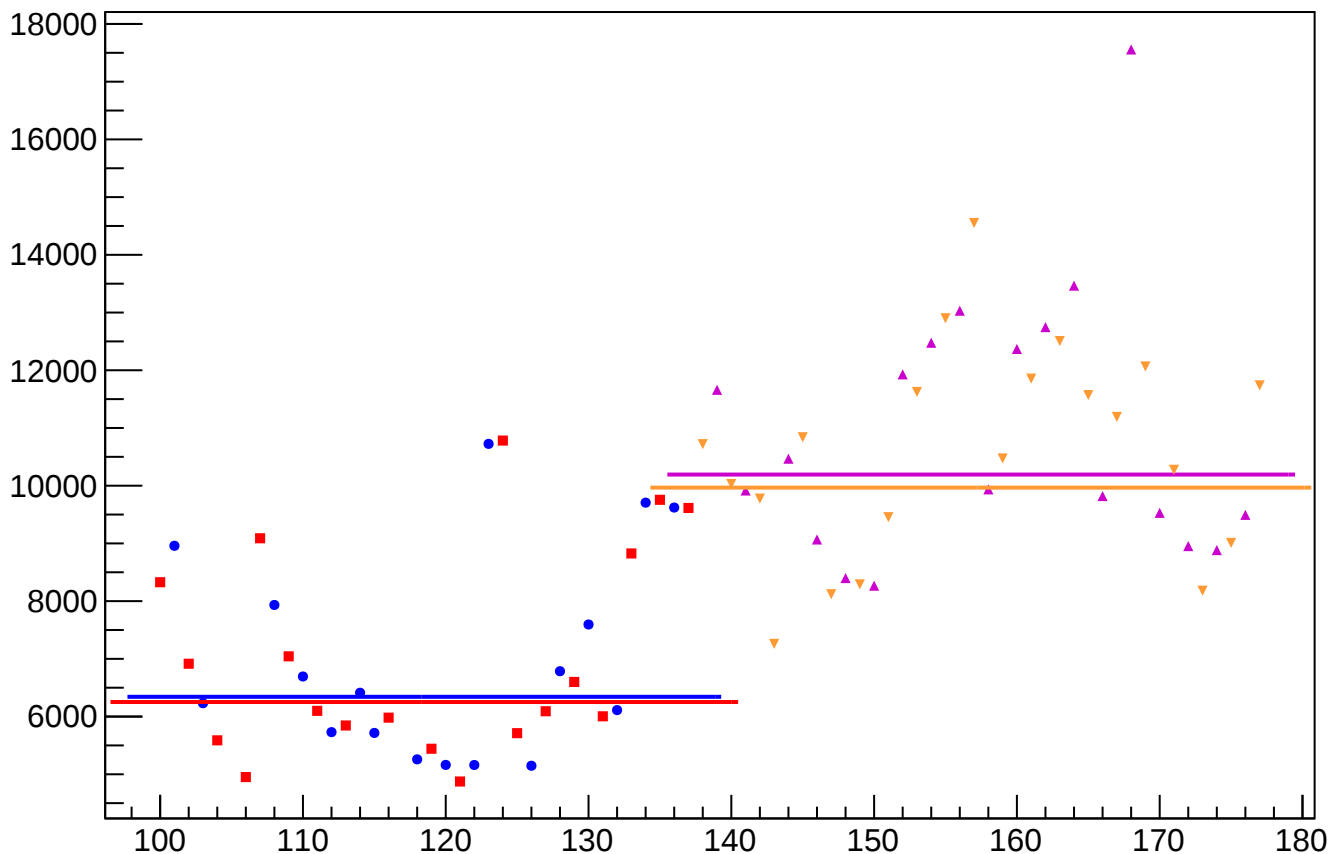
Right: 3039.559 $\pm$ 1745.330 χ^2 /NDF: 34.8/35

In: 3095.110 $\pm$ 1837.536 χ^2 /NDF: 25.4/35

Out: 1761.820 $\pm$ 1754.507 χ^2 /NDF: 47.8/39

All: 2397.663 $\pm$ 1268.961 χ^2 /NDF: 73.5/75

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: 10192.977+/-1.900 χ^2/NDF : 939800.8/18

Left: 10073.727+/-1.307 χ^2/NDF : 1917048.8/39

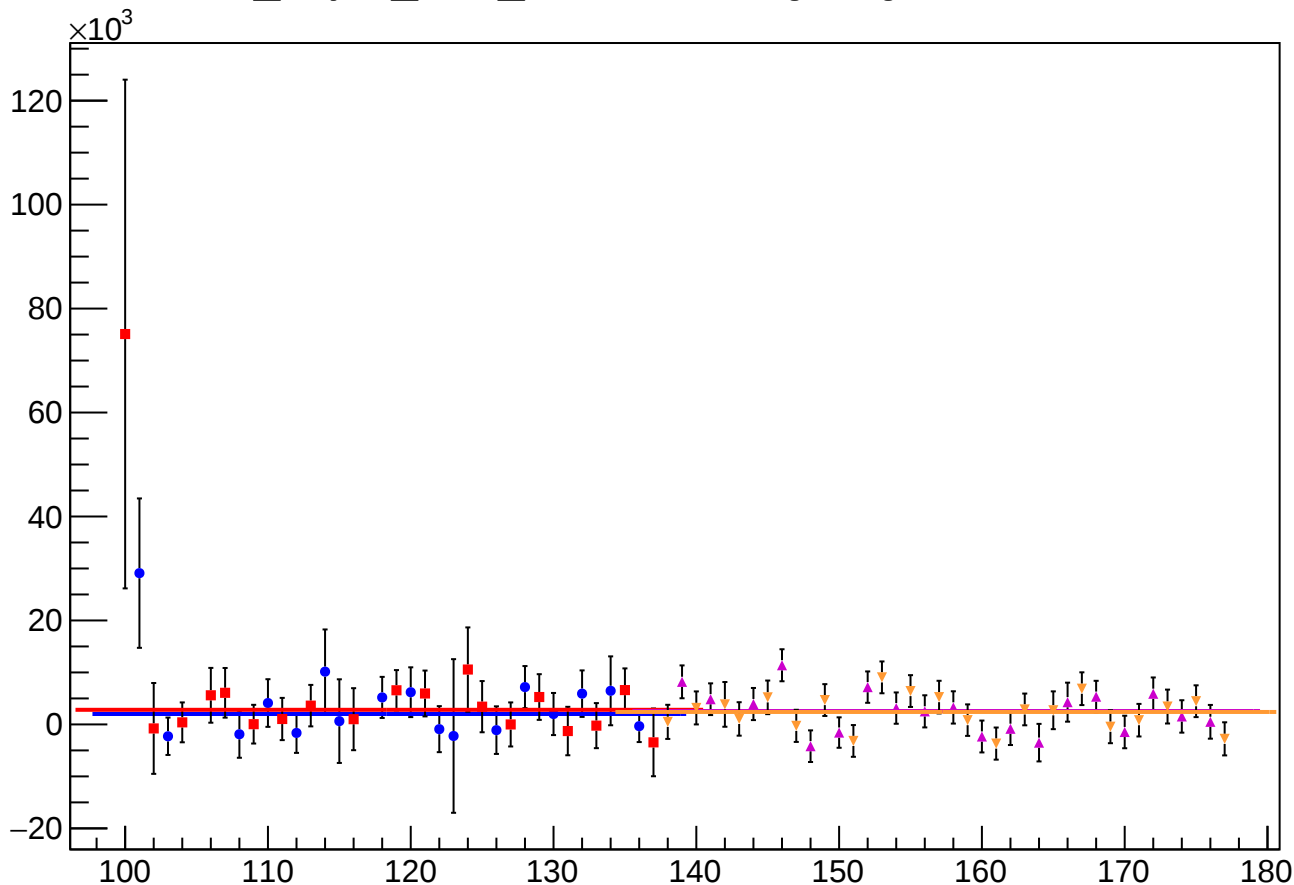
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8142.221+/-1.299 χ^2/NDF : 3719827.2/35

Out: 8016.437+/-1.241 χ^2/NDF : 3743518.8/39

All: 8076.422+/-0.897 χ^2/NDF : 7468248.4/75

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: 2576.502+/-718.540 χ^2/NDF : 32.4/18

Left: 2483.456+/-499.566 χ^2/NDF : 56.2/39

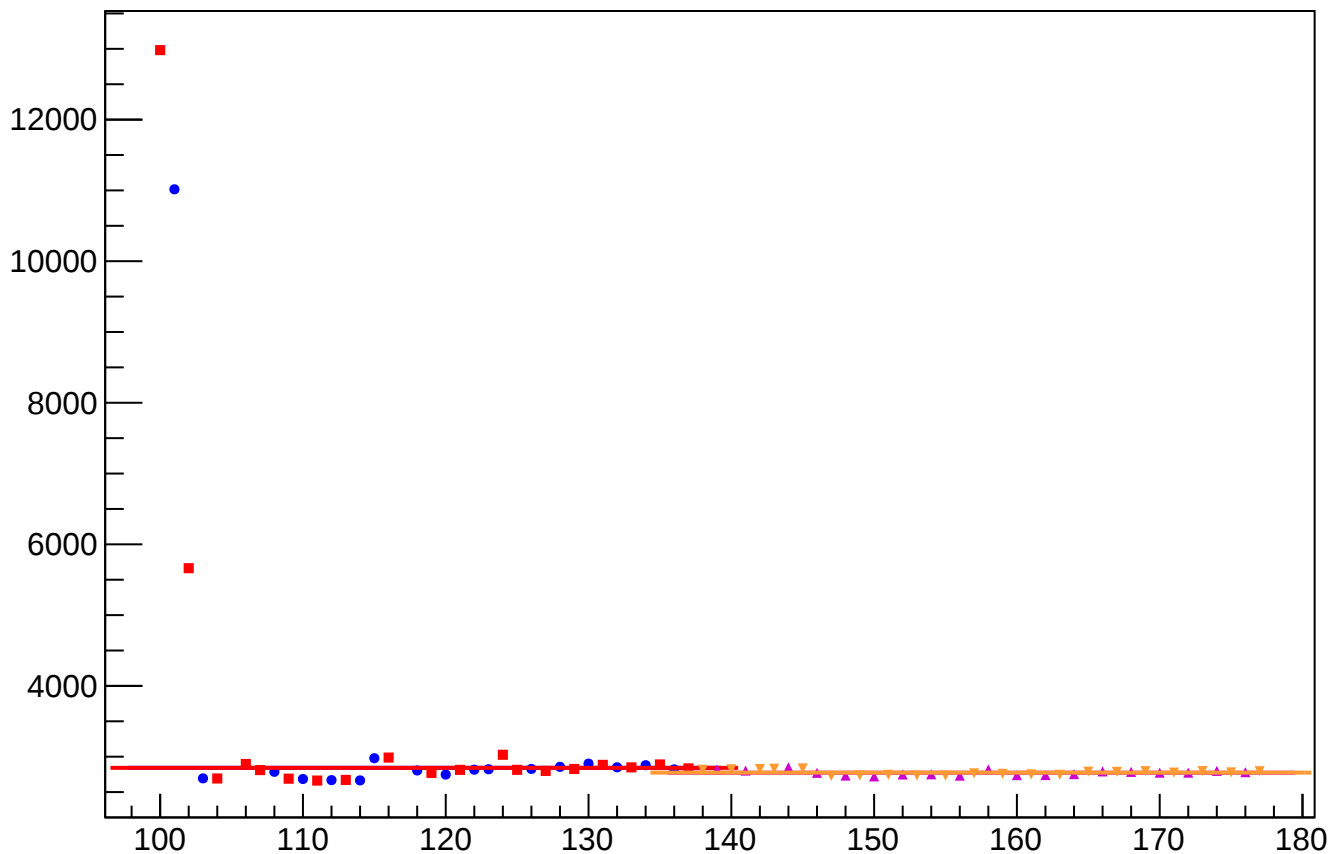
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 2410.885+/-605.630 χ^2/NDF : 46.2/35

Out: 2516.990+/-585.492 χ^2/NDF : 34.4/39

All: 2465.731+/-420.945 χ^2/NDF : 80.7/75

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2774.999+/-0.491 χ^2/NDF : 4748.1/20

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2773.079+/-0.508 χ^2/NDF : 4692.8/18

Left: 2774.071+/-0.353 χ^2/NDF : 9448.3/39

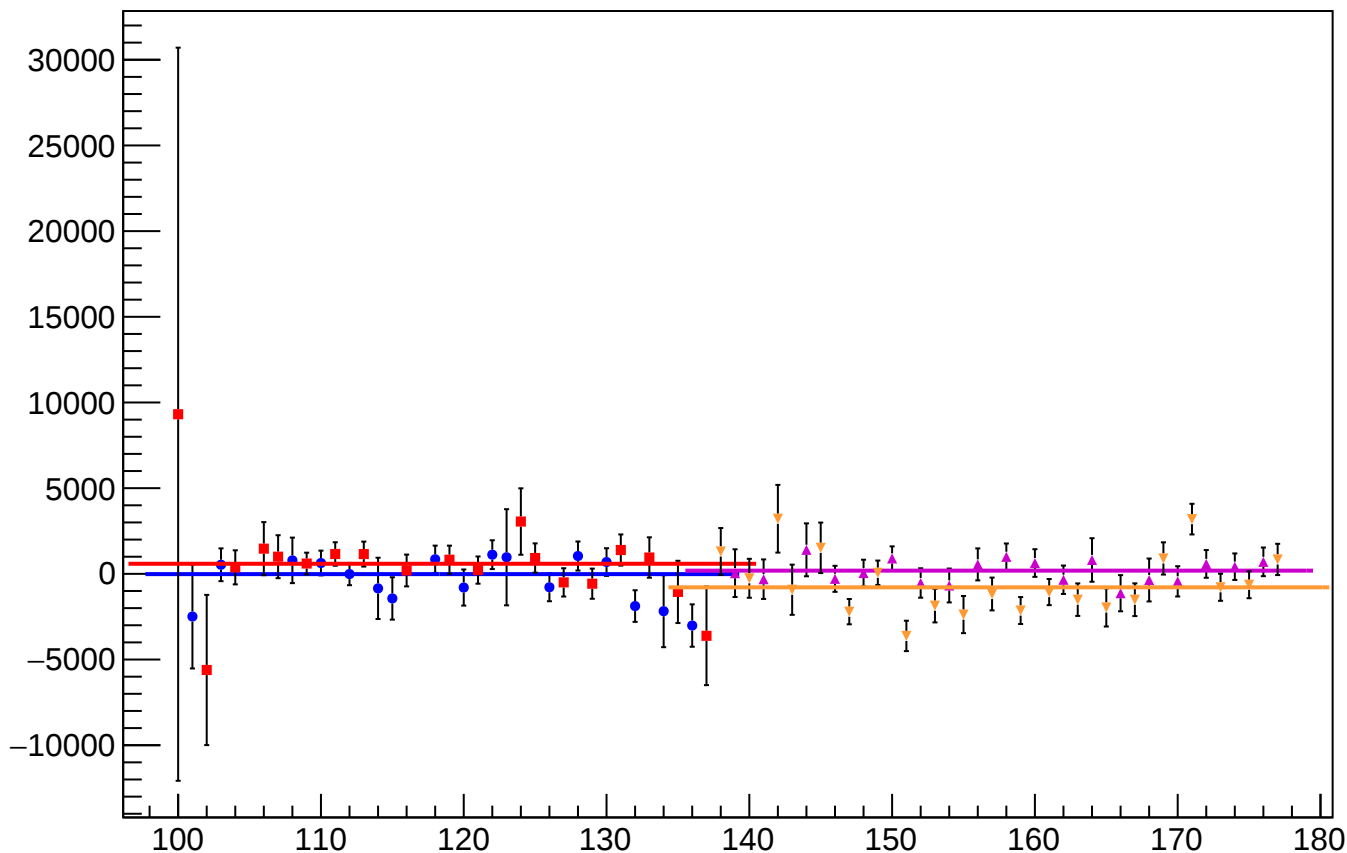
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2793.220+/-0.428 χ^2/NDF : 670423.9/35

Out: 2794.582+/-0.414 χ^2/NDF : 322551.7/39

All: 2793.924+/-0.298 χ^2/NDF : 992980.9/75

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: 187.333 ± 207.072 $\chi^2/\text{NDF}: 8.9/18$

Left: -303.339 ± 145.811 $\chi^2/\text{NDF}: 79.6/39$

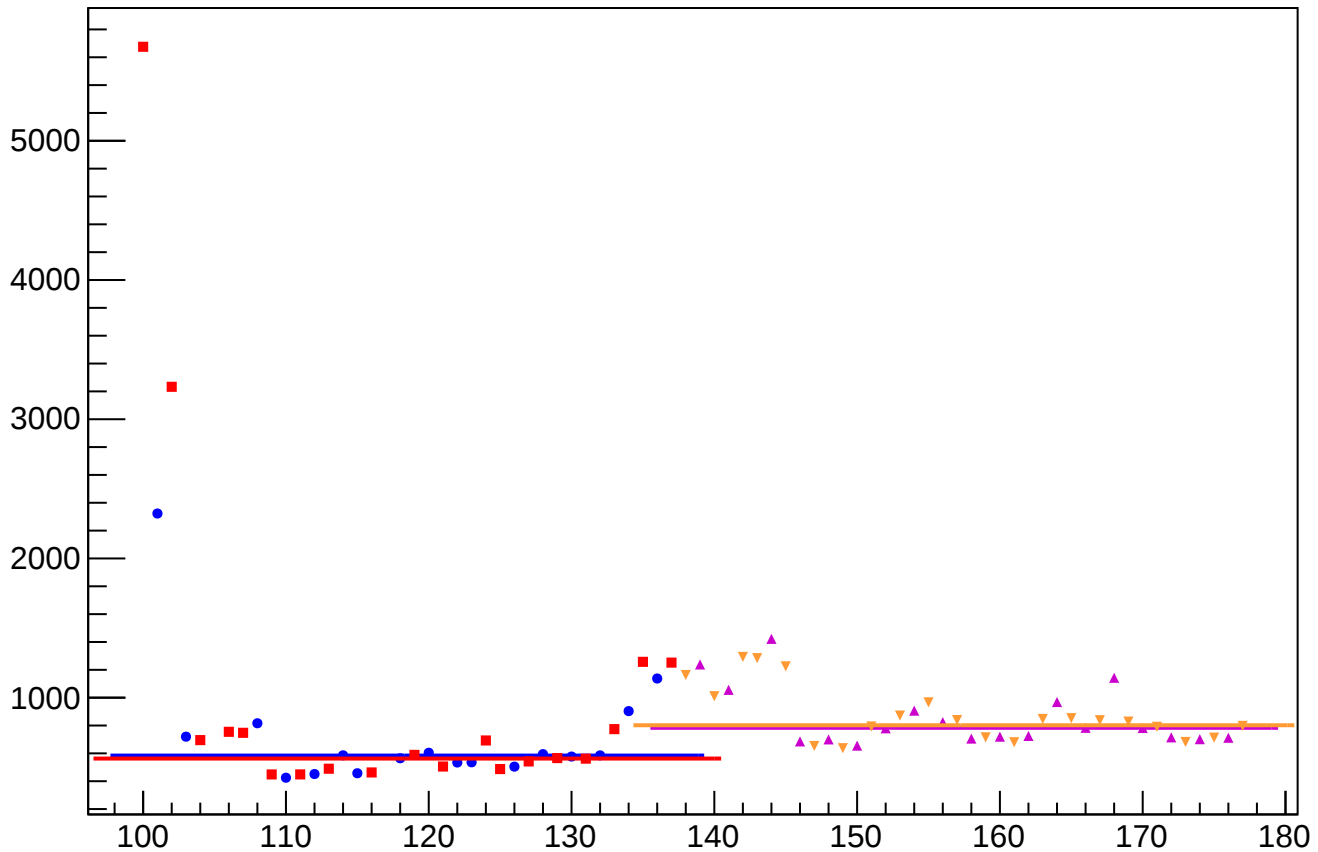
Right: 303.449 ± 164.088 $\chi^2/\text{NDF}: 38.5/35$

In: 100.247 ± 156.463 $\chi^2/\text{NDF}: 30.9/35$

Out: -163.691 ± 151.922 $\chi^2/\text{NDF}: 93.4/39$

All: -35.607 ± 108.995 $\chi^2/\text{NDF}: 125.7/75$

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: 783.622 ± 0.146 χ^2/NDF : 1125397.3/18

Left: 792.837 ± 0.103 χ^2/NDF : 2253758.8/39

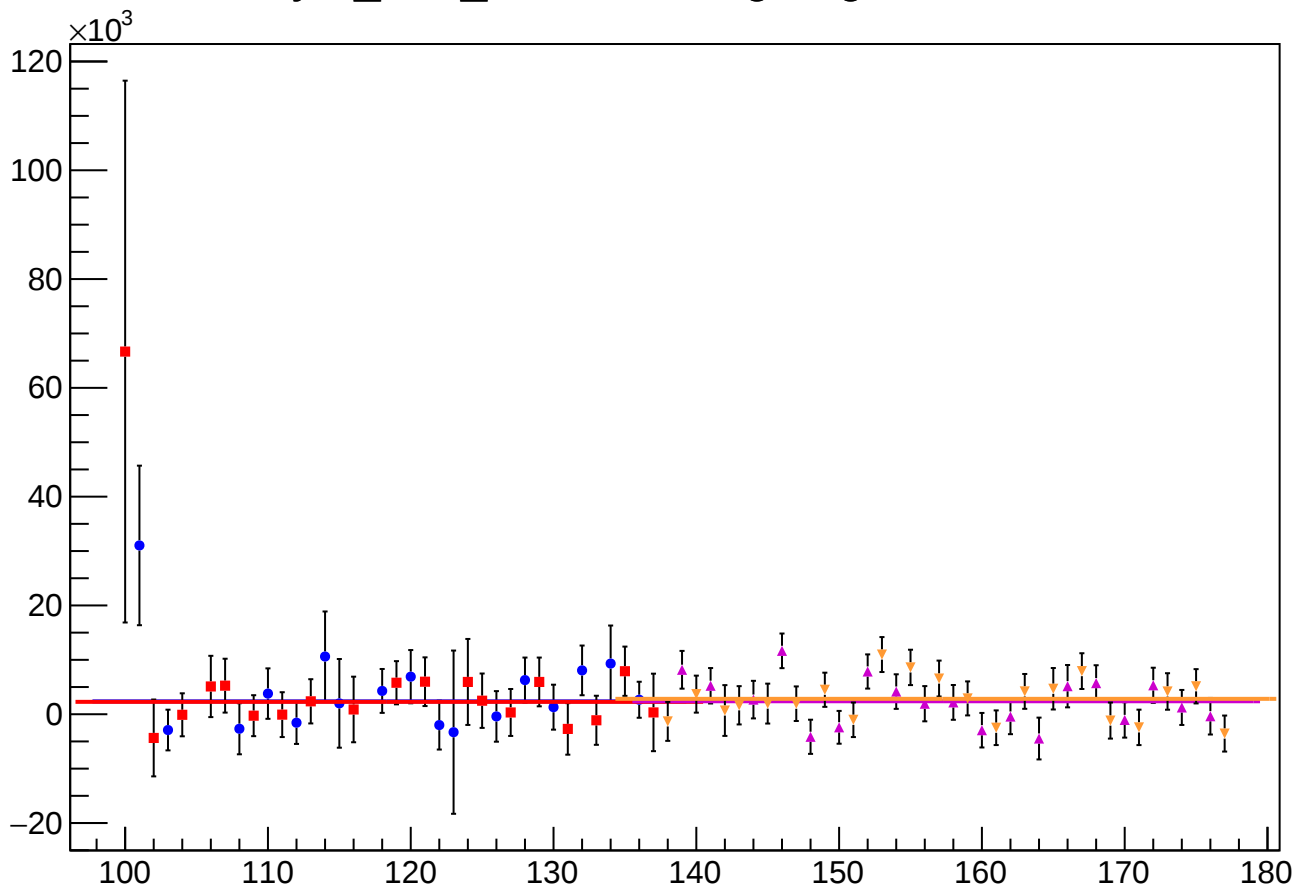
Right: 572.773 ± 0.116 χ^2/NDF : 3084624.9/35

In: 697.994 ± 0.111 χ^2/NDF : 3359073.5/35

Out: 693.612 ± 0.107 χ^2/NDF : 3988560.4/39

All: 695.739 ± 0.077 χ^2/NDF : 7348441.0/75

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: 2386.157 $\pm$ 753.640 χ^2 /NDF: 33.3/18

Left: 2614.798 $\pm$ 524.528 χ^2 /NDF: 62.0/39

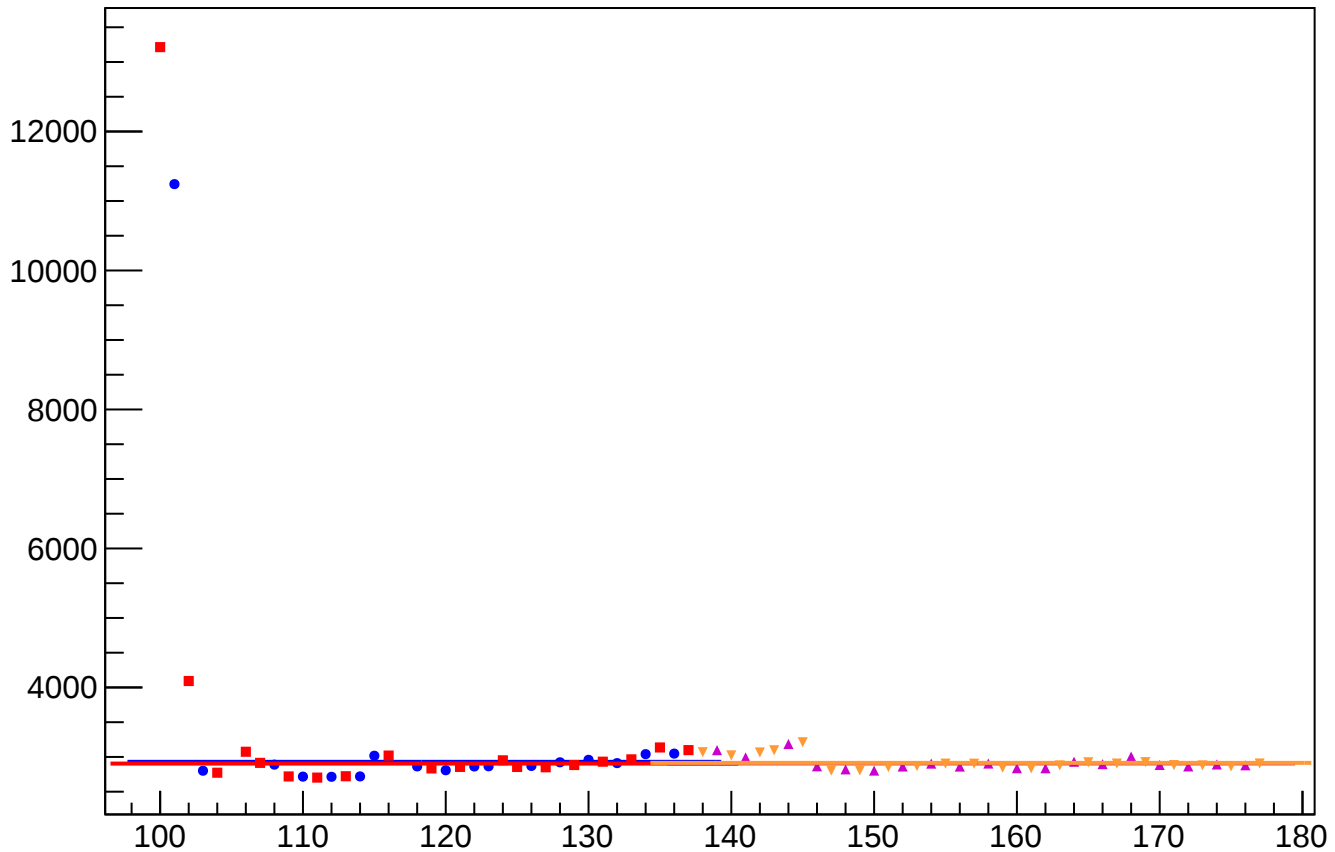
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2379.223 $\pm$ 631.965 χ^2 /NDF: 48.3/35

Out: 2663.105 $\pm$ 610.482 χ^2 /NDF: 38.9/39

All: 2526.071 $\pm$ 439.074 χ^2 /NDF: 87.4/75

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: 2907.273+/-0.533 χ^2/NDF : 29852.6/18

Left: 2911.189+/-0.371 χ^2/NDF : 65561.5/39

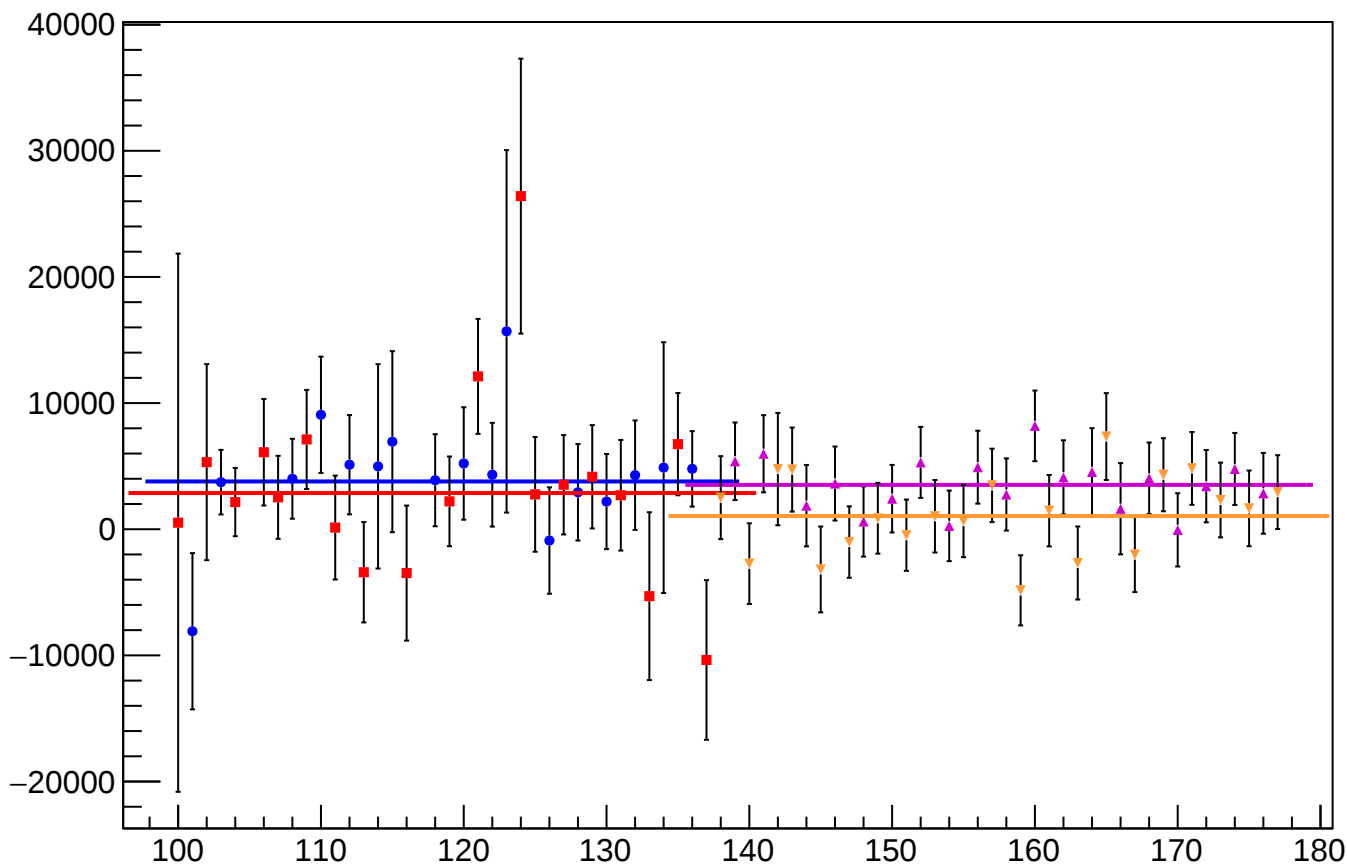
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2913.917+/-0.447 χ^2/NDF : 693005.1/35

Out: 2911.762+/-0.432 χ^2/NDF : 205012.7/39

All: 2912.802+/-0.310 χ^2/NDF : 898029.9/75

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: 3515.514 $\pm$ 677.654 χ^2/NDF : 9.6/18

Left: 2244.227 $\pm$ 472.176 χ^2/NDF : 37.2/39

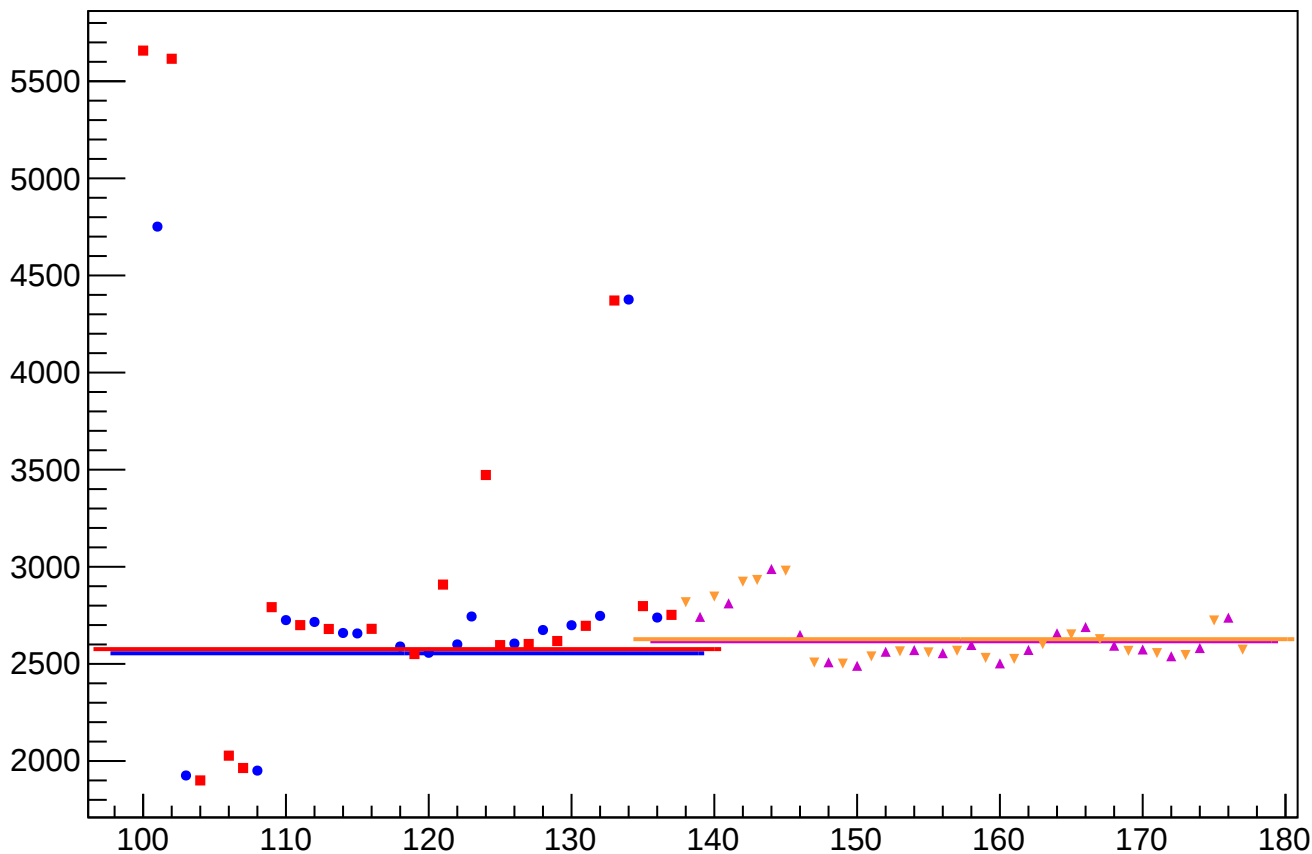
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3600.268 $\pm$ 562.403 χ^2/NDF : 17.4/35

Out: 1594.025 $\pm$ 550.334 χ^2/NDF : 45.1/39

All: 2575.388 $\pm$ 393.342 χ^2/NDF : 69.0/75

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 ± 0.713 $\chi^2/\text{NDF}: 536626.0/16$

Left Out: 2627.245 ± 0.465 $\chi^2/\text{NDF}: 87280.3/20$

Right Out: 2576.077 ± 0.709 $\chi^2/\text{NDF}: 765156.6/18$

Left In: 2616.383 ± 0.479 $\chi^2/\text{NDF}: 58127.8/18$

Left: 2621.971 ± 0.334 $\chi^2/\text{NDF}: 145672.5/39$

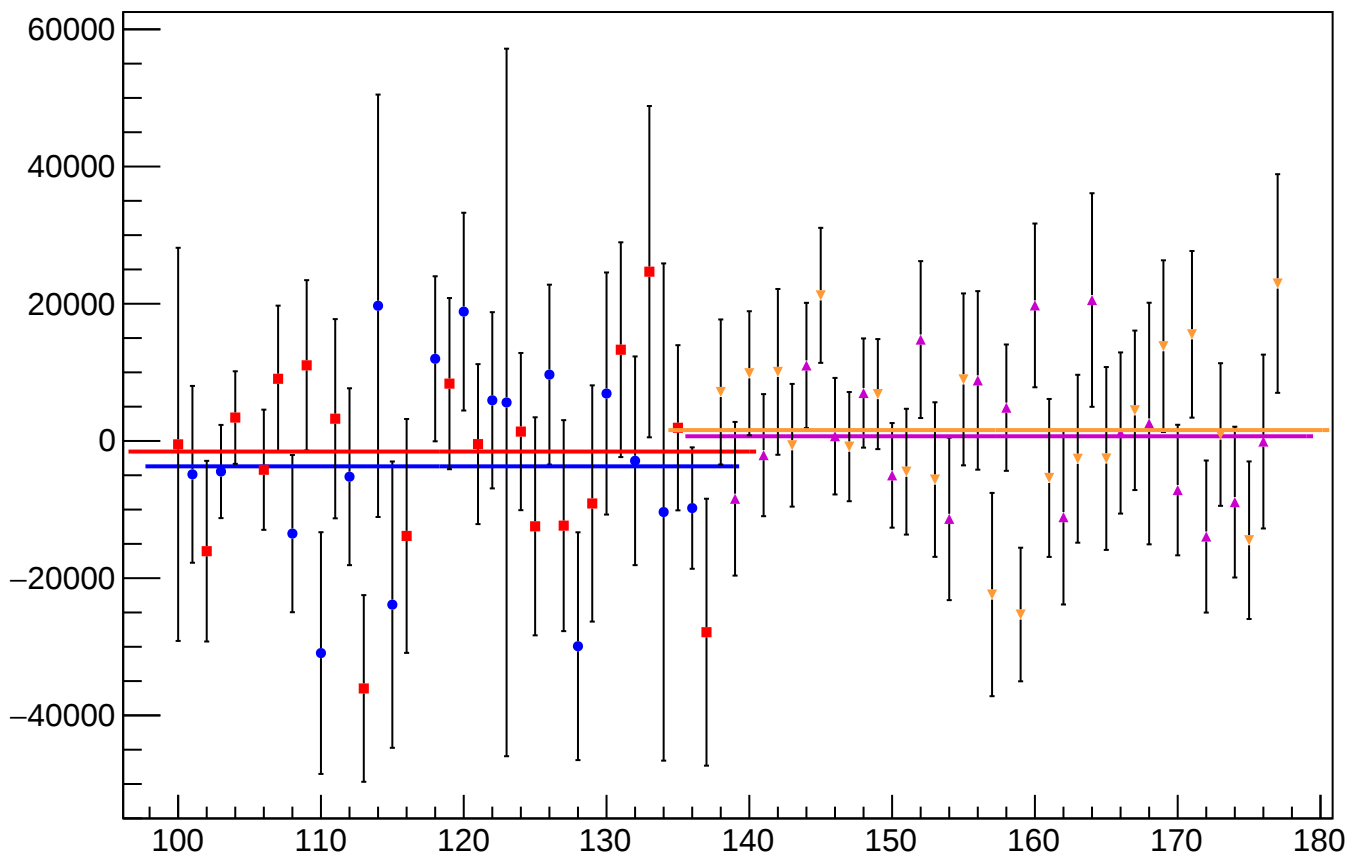
Right: 2565.366 ± 0.503 $\chi^2/\text{NDF}: 1302241.7/35$

In: 2597.135 ± 0.398 $\chi^2/\text{NDF}: 599938.3/35$

Out: 2611.831 ± 0.389 $\chi^2/\text{NDF}: 856077.1/39$

All: 2604.643 ± 0.278 $\chi^2/\text{NDF}: 1456713.1/75$

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: 684.130 $\pm$ 2401.262 χ^2/NDF : 14.6/18

Left: 1148.066 $\pm$ 1671.186 χ^2/NDF : 39.0/39

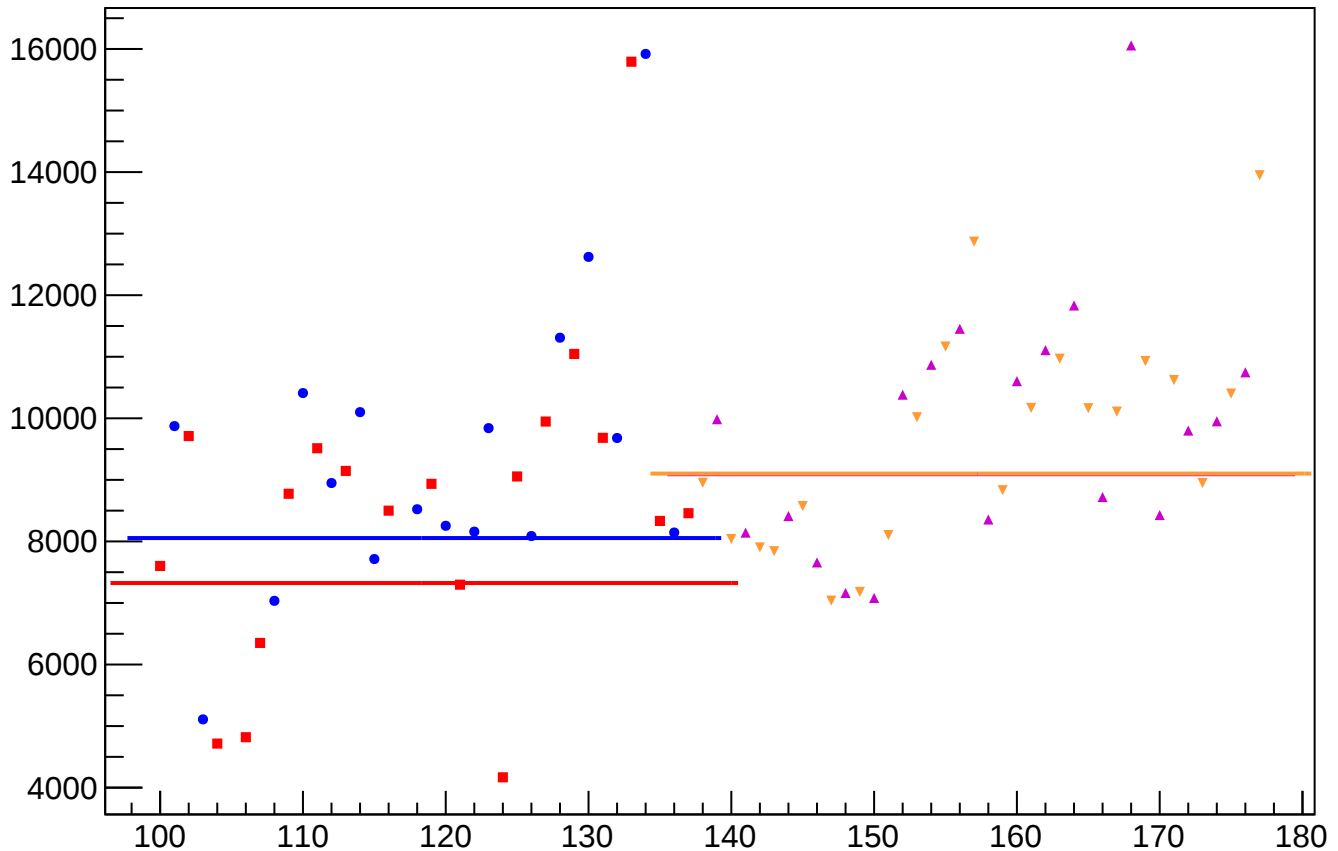
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: -883.829 $\pm$ 1924.483 χ^2/NDF : 29.6/35

Out: 356.595 $\pm$ 1814.311 χ^2/NDF : 41.8/39

All: -227.096 $\pm$ 1320.143 χ^2/NDF : 71.6/75

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: 9091.562 $\pm$ 1.698 χ^2 /NDF: 1032816.6/18

Left: 9096.978 $\pm$ 1.182 χ^2 /NDF: 1974048.2/39

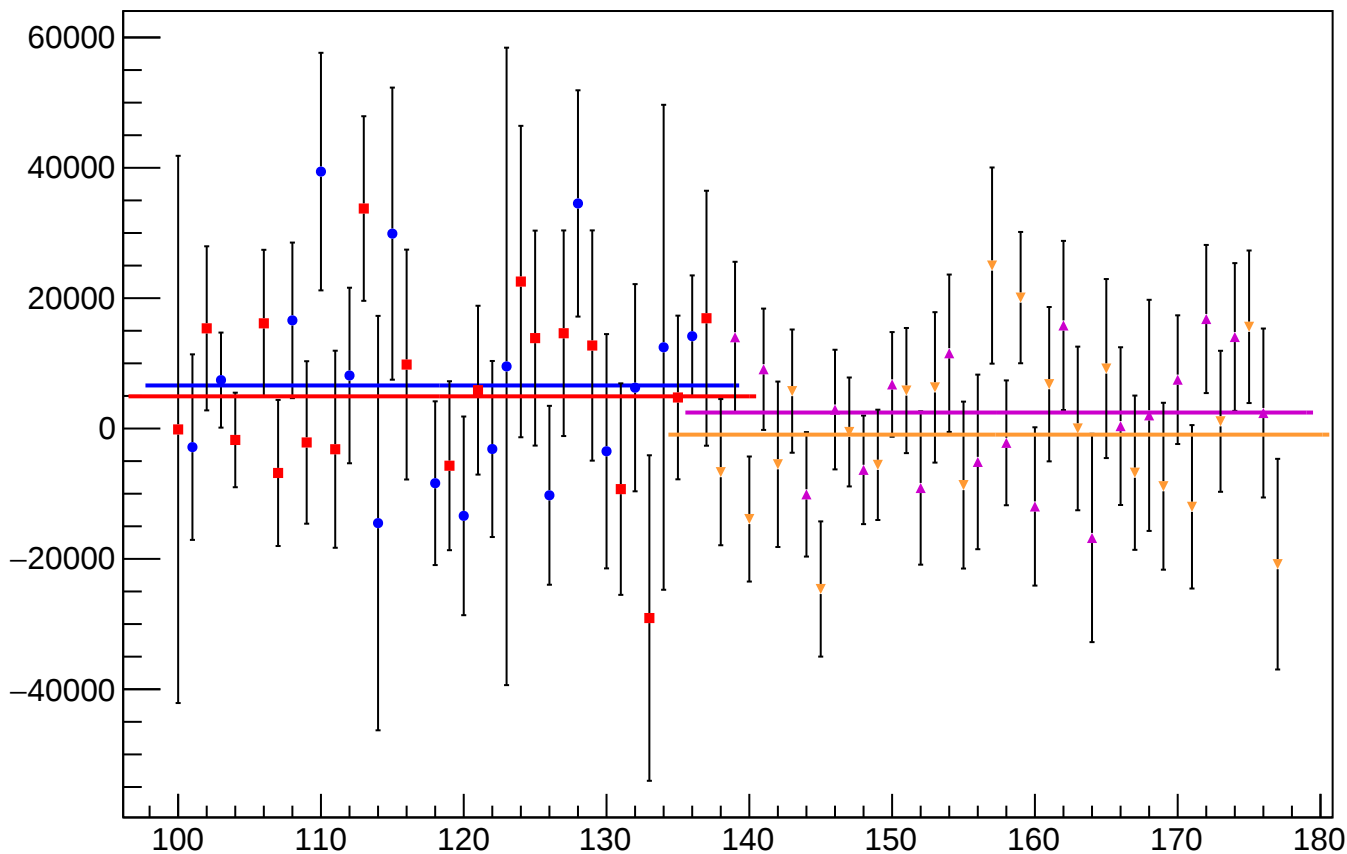
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8720.720 $\pm$ 1.361 χ^2 /NDF: 1986941.6/35

Out: 8404.718 $\pm$ 1.283 χ^2 /NDF: 2735130.9/39

All: 8553.415 $\pm$ 0.933 χ^2 /NDF: 4750622.0/75

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -936.561+/-2421.232 χ^2/NDF : 22.7/20

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 2453.506+/-2494.414 χ^2/NDF : 13.6/18

Left: 708.014+/-1737.366 χ^2/NDF : 37.3/39

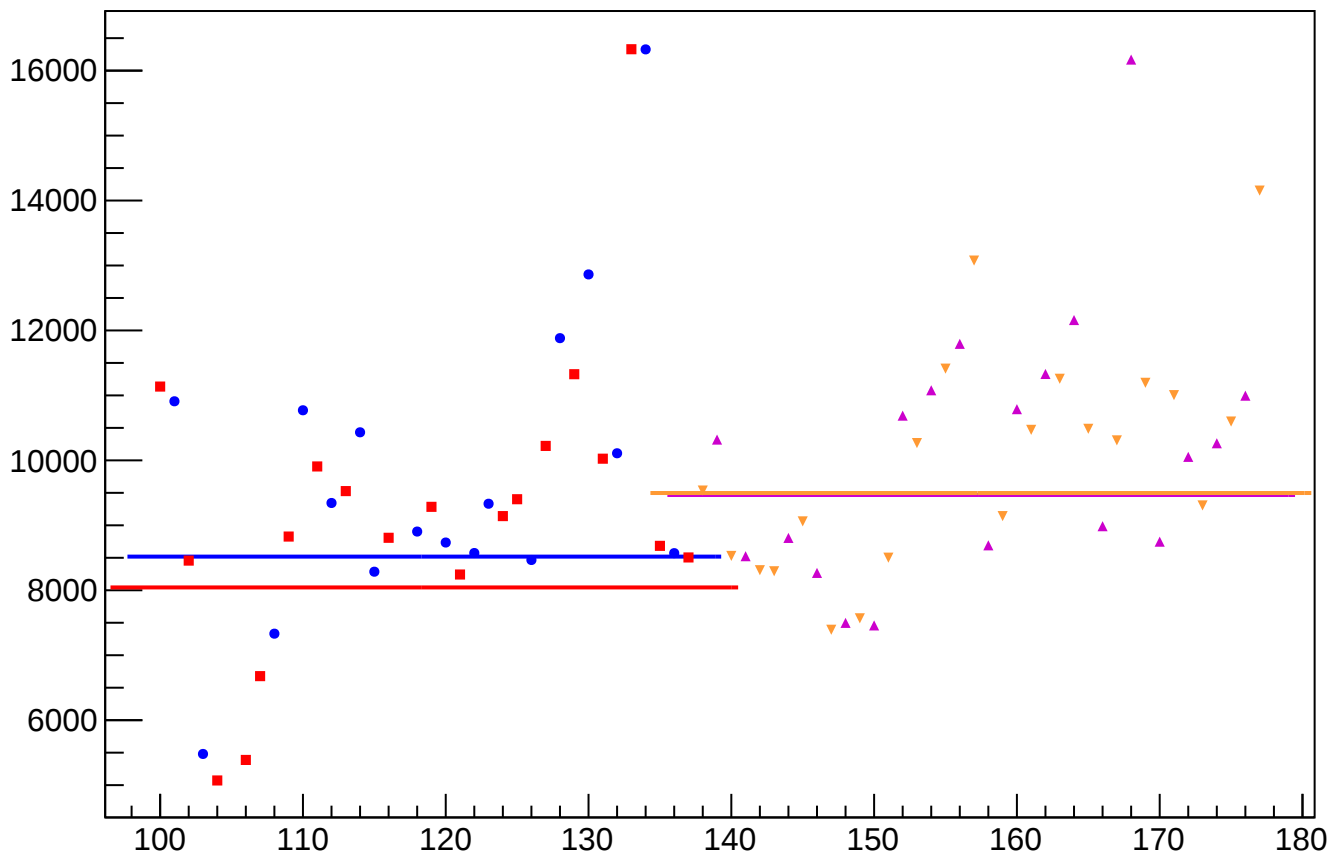
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3909.263+/-2010.347 χ^2/NDF : 29.2/35

Out: 1230.029+/-1923.679 χ^2/NDF : 38.5/39

All: 2510.650+/-1389.876 χ^2/NDF : 68.6/75

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: 9466.745+/-1.764 χ^2/NDF : 907033.0/18

Left: 9482.517+/-1.229 χ^2/NDF : 1723528.6/39

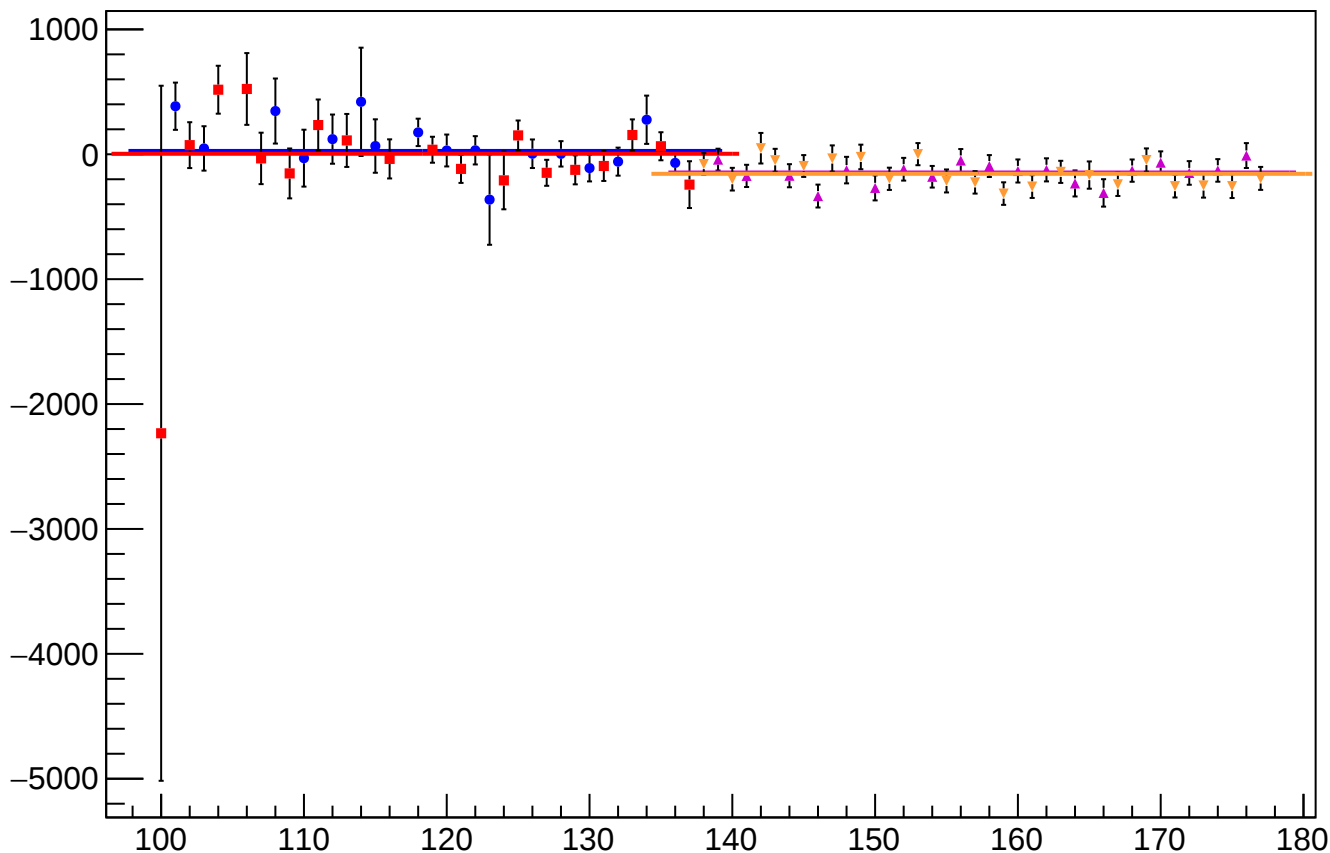
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9134.342+/-1.422 χ^2/NDF : 1780368.4/35

Out: 8961.310+/-1.360 χ^2/NDF : 2035758.1/39

All: 9044.015+/-0.983 χ^2/NDF : 3823861.0/75

dit_asym_sam1_mean vs Slug, Sign Corrected

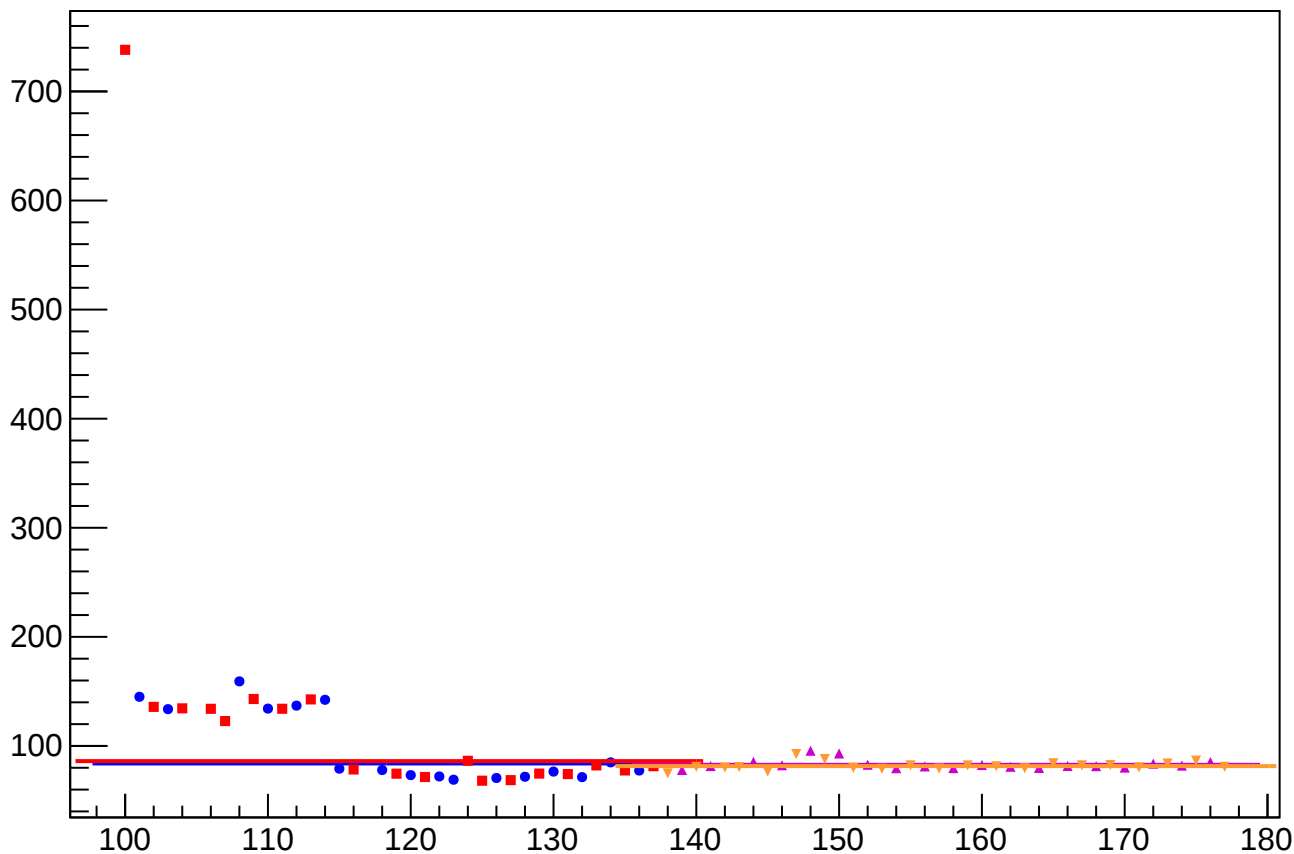


Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
Left Out: -156.391 ± 20.416 $\chi^2/\text{NDF}: 23.2/20$
Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$
Left In: -145.998 ± 21.438 $\chi^2/\text{NDF}: 14.7/18$

Left: -151.448 ± 14.785 $\chi^2/\text{NDF}: 38.1/39$
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$
In: -96.085 ± 18.077 $\chi^2/\text{NDF}: 48.0/35$
Out: -113.586 ± 17.481 $\chi^2/\text{NDF}: 64.3/39$

All: -105.129 ± 12.566 $\chi^2/\text{NDF}: 112.8/75$

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: 82.703+/-0.015 χ^2/NDF : 70492.8/18

Left: 82.085+/-0.010 χ^2/NDF : 136268.5/39

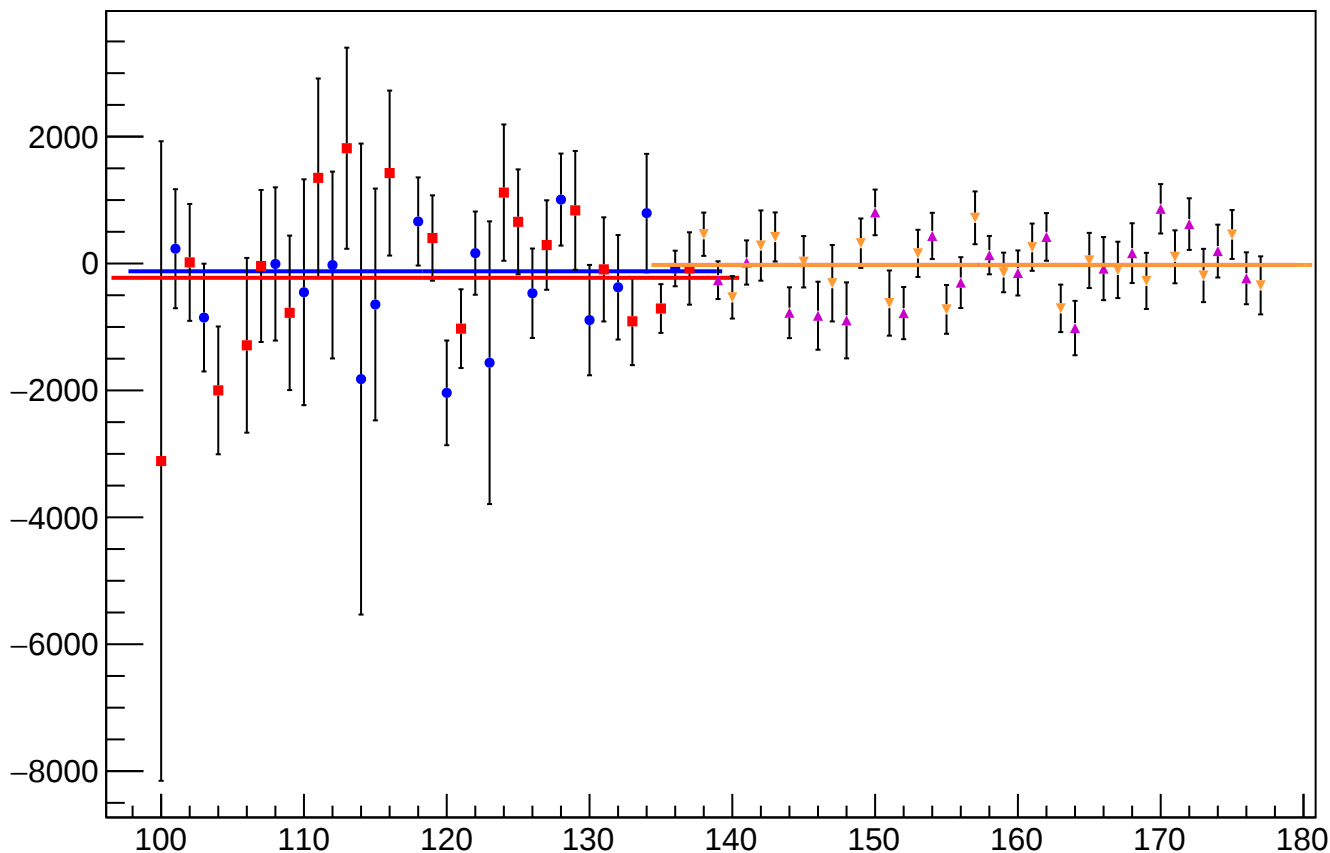
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 83.066+/-0.013 χ^2/NDF : 1032736.8/35

Out: 82.748+/-0.012 χ^2/NDF : 1225743.3/39

All: 82.902+/-0.009 χ^2/NDF : 2258800.7/75

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -22.325+/-87.887 χ^2/NDF : 21.8/20

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -21.991+/-89.882 χ^2/NDF : 34.9/18

Left: -22.161+/-62.839 χ^2/NDF : 56.7/39

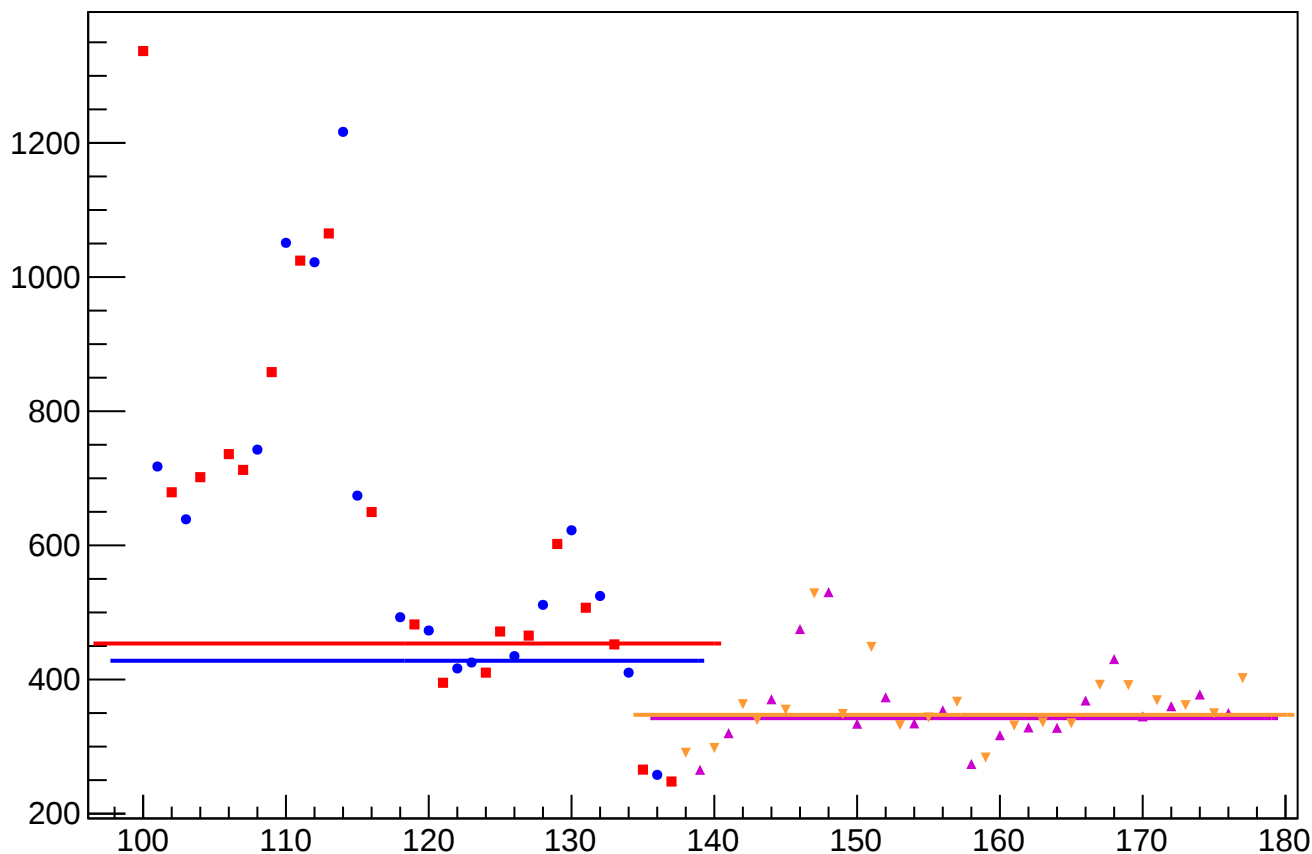
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -42.106+/-80.377 χ^2/NDF : 48.1/35

Out: -59.729+/-79.382 χ^2/NDF : 41.1/39

All: -51.028+/-56.480 χ^2/NDF : 89.3/75

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: 342.389 $\pm$ 0.064 χ^2 /NDF: 698599.7/18

Left: 344.932 $\pm$ 0.044 χ^2 /NDF: 1237335.1/39

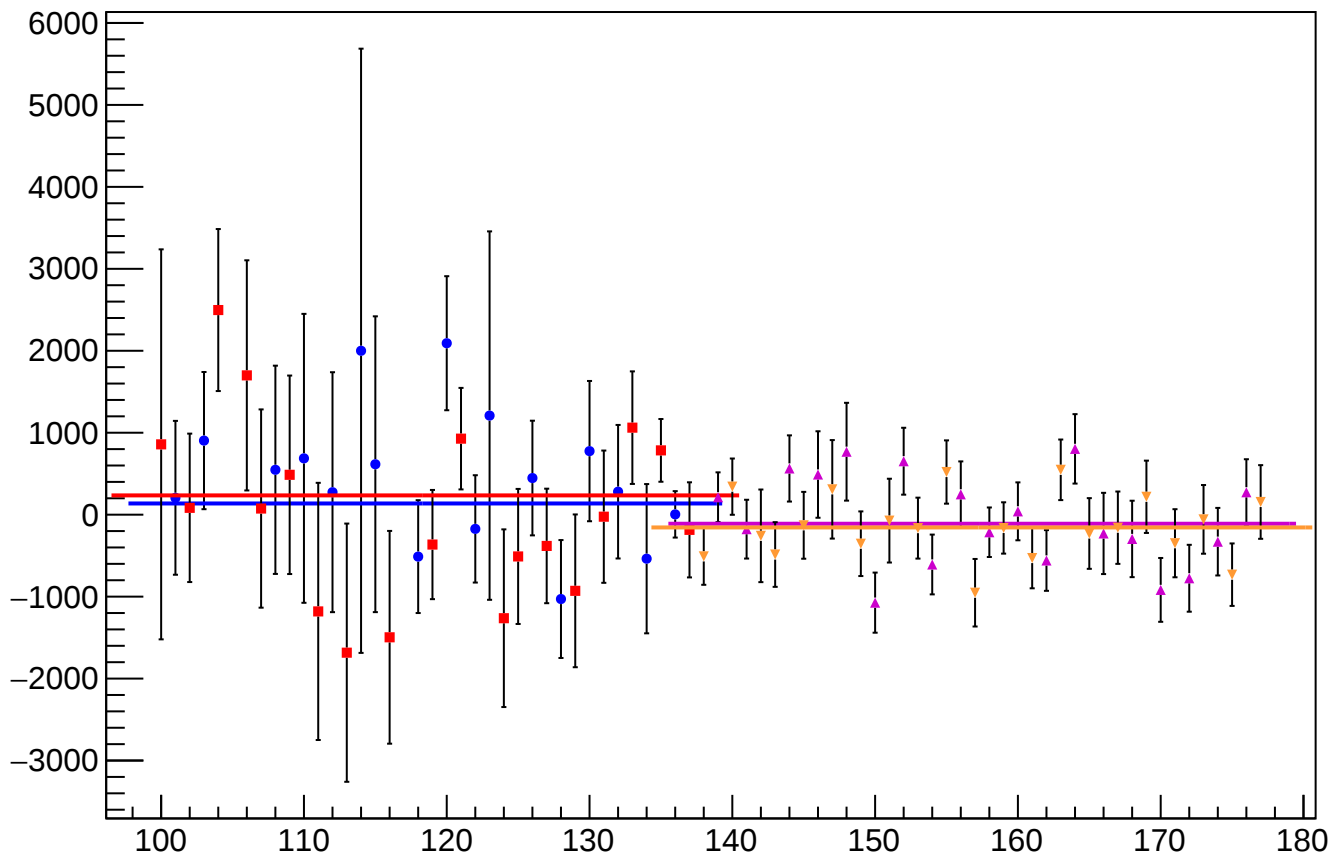
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 359.535 $\pm$ 0.057 χ^2 /NDF: 3124184.5/35

Out: 366.947 $\pm$ 0.056 χ^2 /NDF: 3209377.7/39

All: 363.287 $\pm$ 0.040 χ^2 /NDF: 6342171.5/75

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -155.807 ± 88.032 $\chi^2/\text{NDF}: 20.0/20$

Right Out: 235.334 ± 184.025 $\chi^2/\text{NDF}: 21.8/18$

Left In: -110.568 ± 90.001 $\chi^2/\text{NDF}: 35.2/18$

Left: -133.688 ± 62.933 $\chi^2/\text{NDF}: 55.4/39$

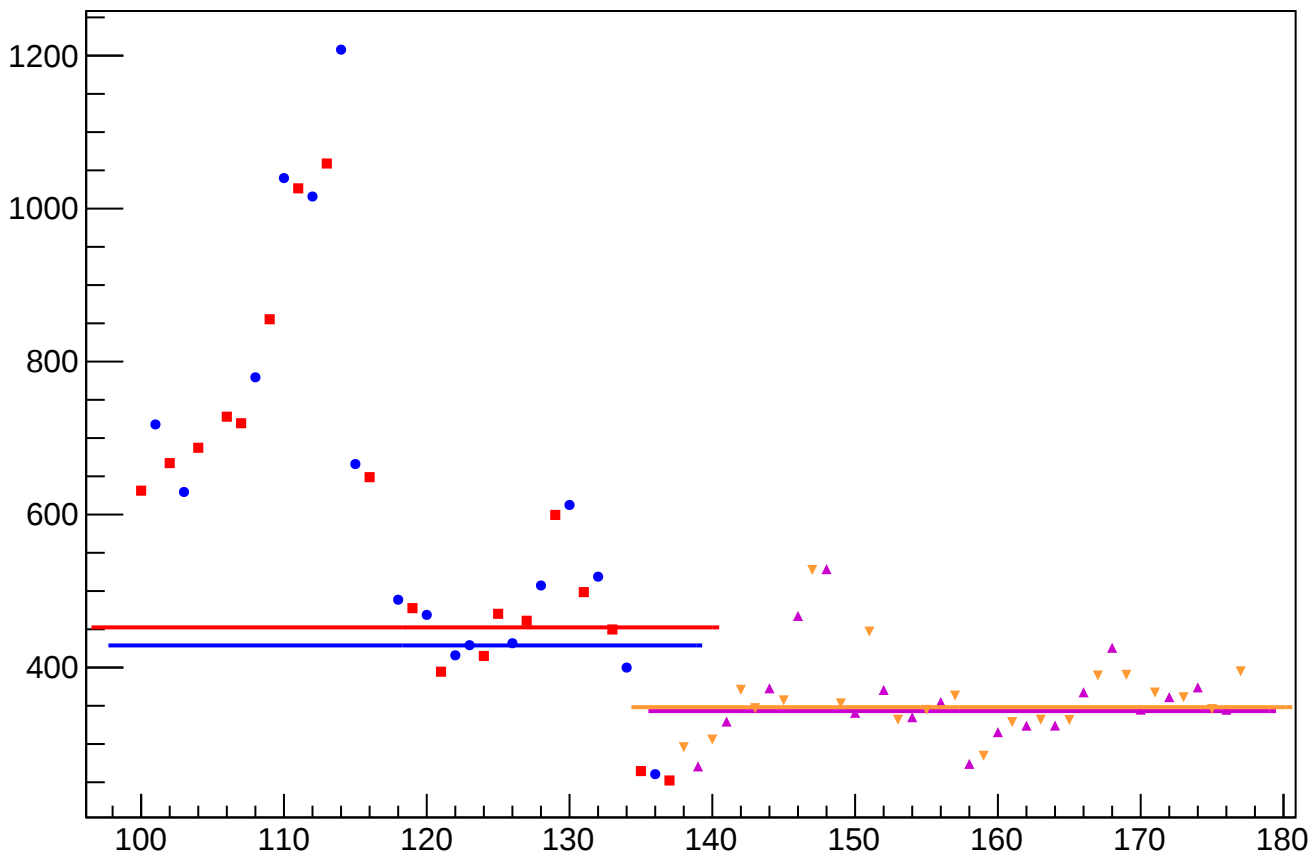
Right: 184.875 ± 128.536 $\chi^2/\text{NDF}: 34.6/35$

In: -60.919 ± 80.464 $\chi^2/\text{NDF}: 49.4/35$

Out: -82.968 ± 79.413 $\chi^2/\text{NDF}: 45.5/39$

All: -72.089 ± 56.522 $\chi^2/\text{NDF}: 94.9/75$

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: 343.056+/-0.064 χ^2/NDF : 653022.3/18

Left: 345.668+/-0.045 χ^2/NDF : 1155496.4/39

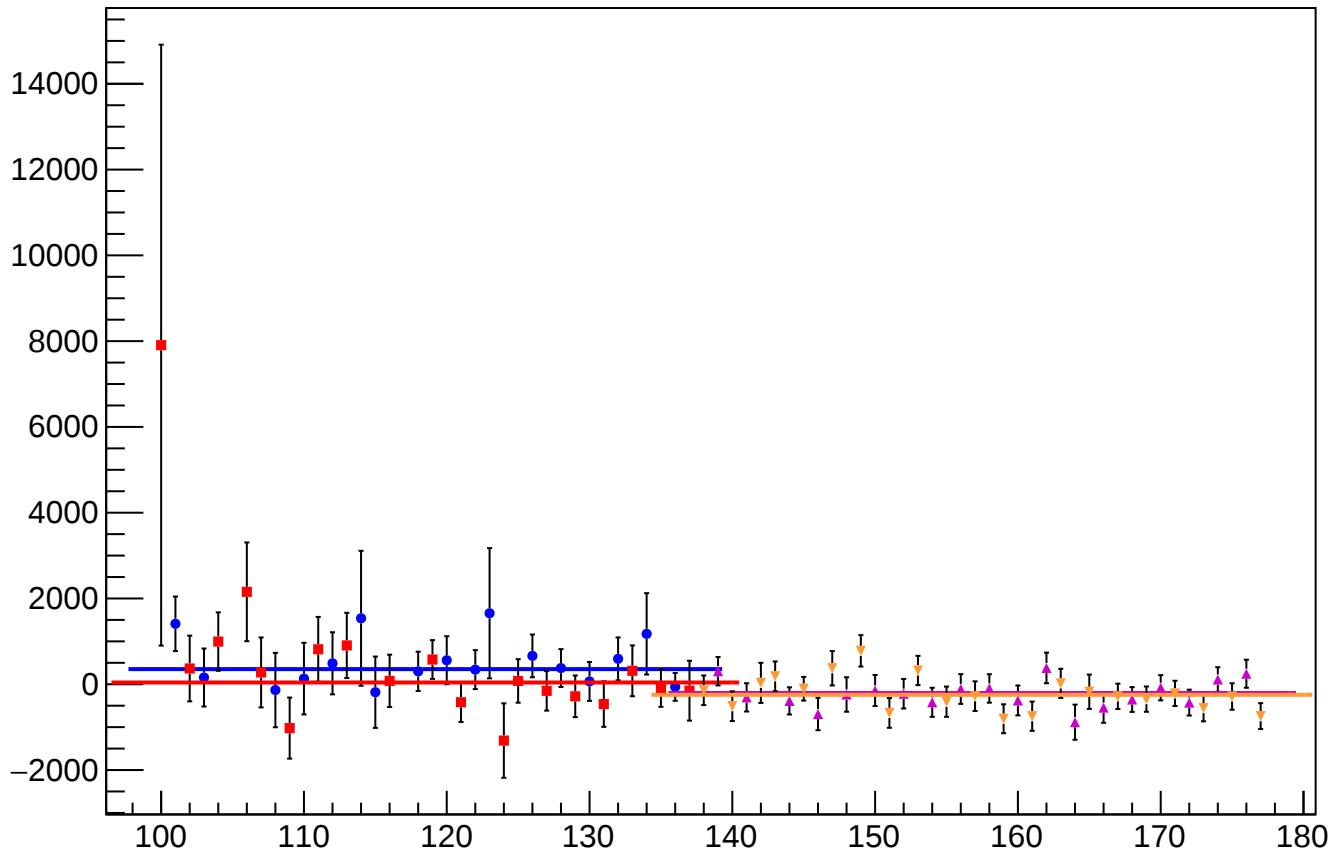
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 360.283+/-0.057 χ^2/NDF : 3028701.2/35

Out: 367.593+/-0.056 χ^2/NDF : 3064297.1/39

All: 363.986+/-0.040 χ^2/NDF : 6101360.5/75

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: -204.304 ± 76.764 χ^2/NDF : 15.8/18

Left: -226.438 ± 52.845 χ^2/NDF : 42.9/39

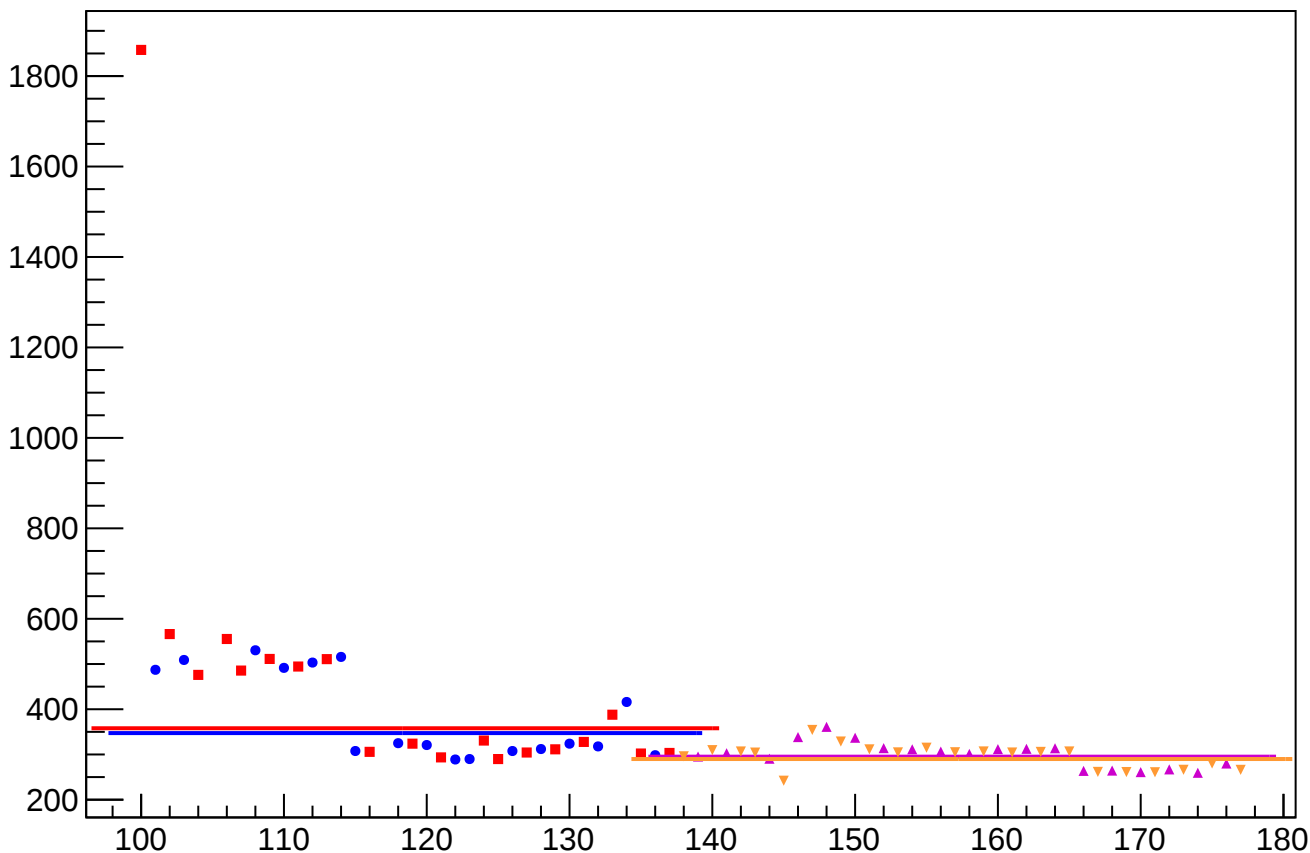
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: -71.599 ± 67.002 χ^2/NDF : 36.9/35

Out: -184.419 ± 64.530 χ^2/NDF : 48.4/39

All: -130.129 ± 46.479 χ^2/NDF : 86.8/75

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 ± 0.097 χ^2/NDF : 618906.8/16

Left Out: 289.941 ± 0.052 χ^2/NDF : 272281.7/20

Right Out: 357.955 ± 0.098 χ^2/NDF : 851646.4/18

Left In: 295.133 ± 0.054 χ^2/NDF : 253208.8/18

Left: 292.402 ± 0.037 χ^2/NDF : 530302.7/39

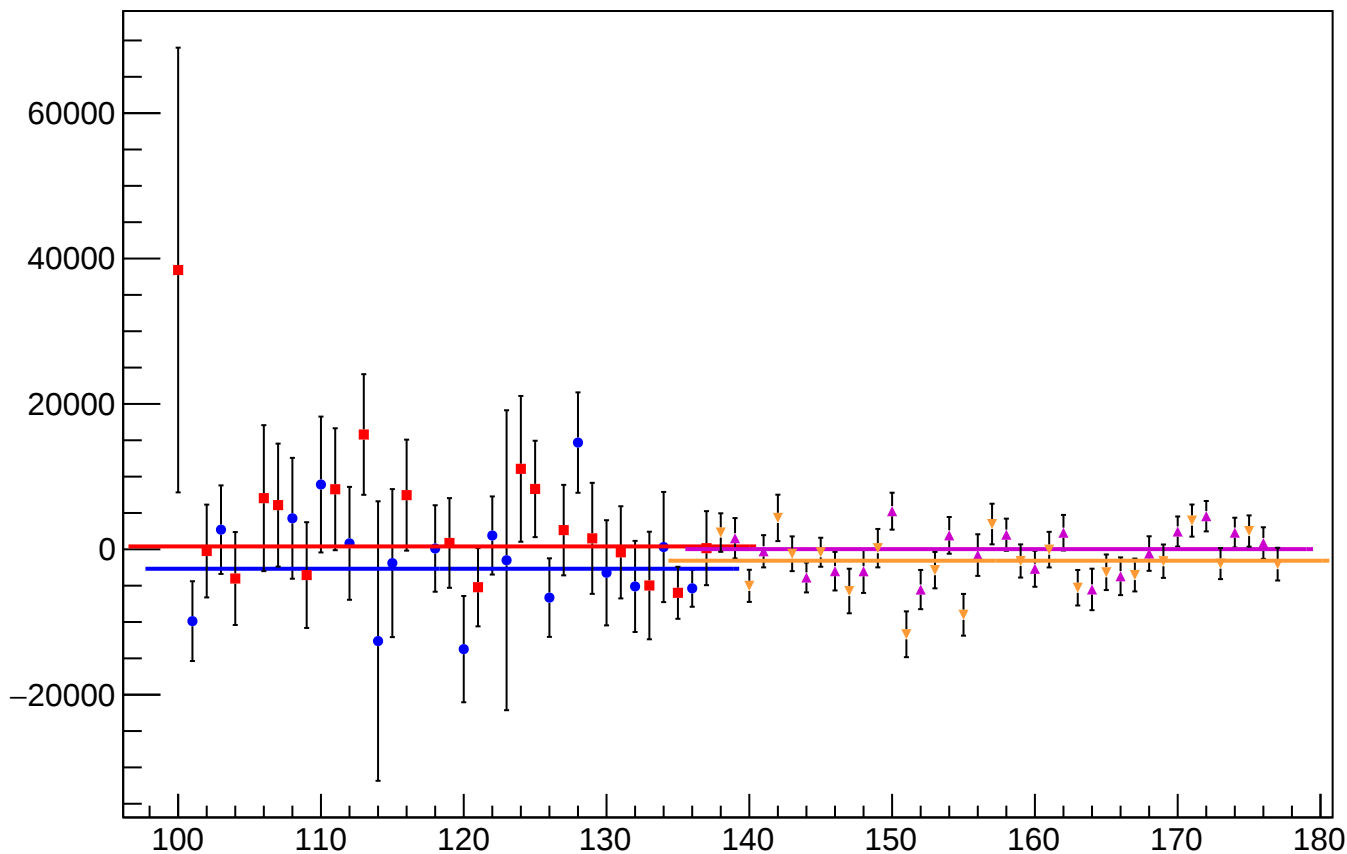
Right: 352.552 ± 0.069 χ^2/NDF : 1476524.8/35

In: 307.552 ± 0.047 χ^2/NDF : 1091915.9/35

Out: 304.601 ± 0.046 χ^2/NDF : 1499588.1/39

All: 306.021 ± 0.033 χ^2/NDF : 2593516.3/75

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1567.136+/-530.905 χ^2/NDF : 45.1/20

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: 26.595+/-551.281 χ^2/NDF : 31.6/18

Left: -800.266+/-382.407 χ^2/NDF : 81.0/39

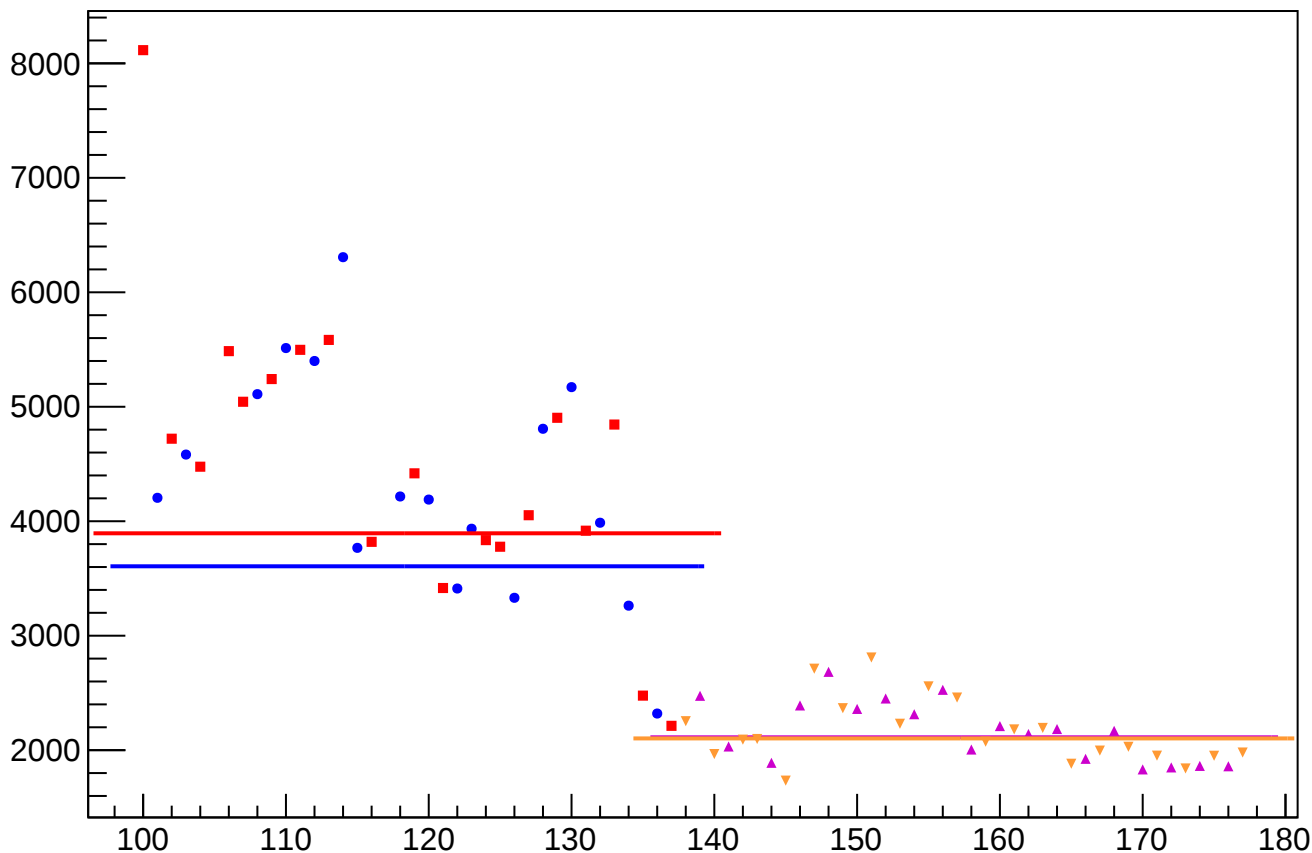
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -311.942+/-515.571 χ^2/NDF : 51.3/35

Out: -1352.401+/-501.067 χ^2/NDF : 62.6/39

All: -847.013+/-359.326 χ^2/NDF : 116.0/75

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2102.635+/-0.375 χ^2/NDF : 453557.2/20

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2112.549+/-0.390 χ^2/NDF : 407294.9/18

Left: 2107.405+/-0.270 χ^2/NDF : 861187.6/39

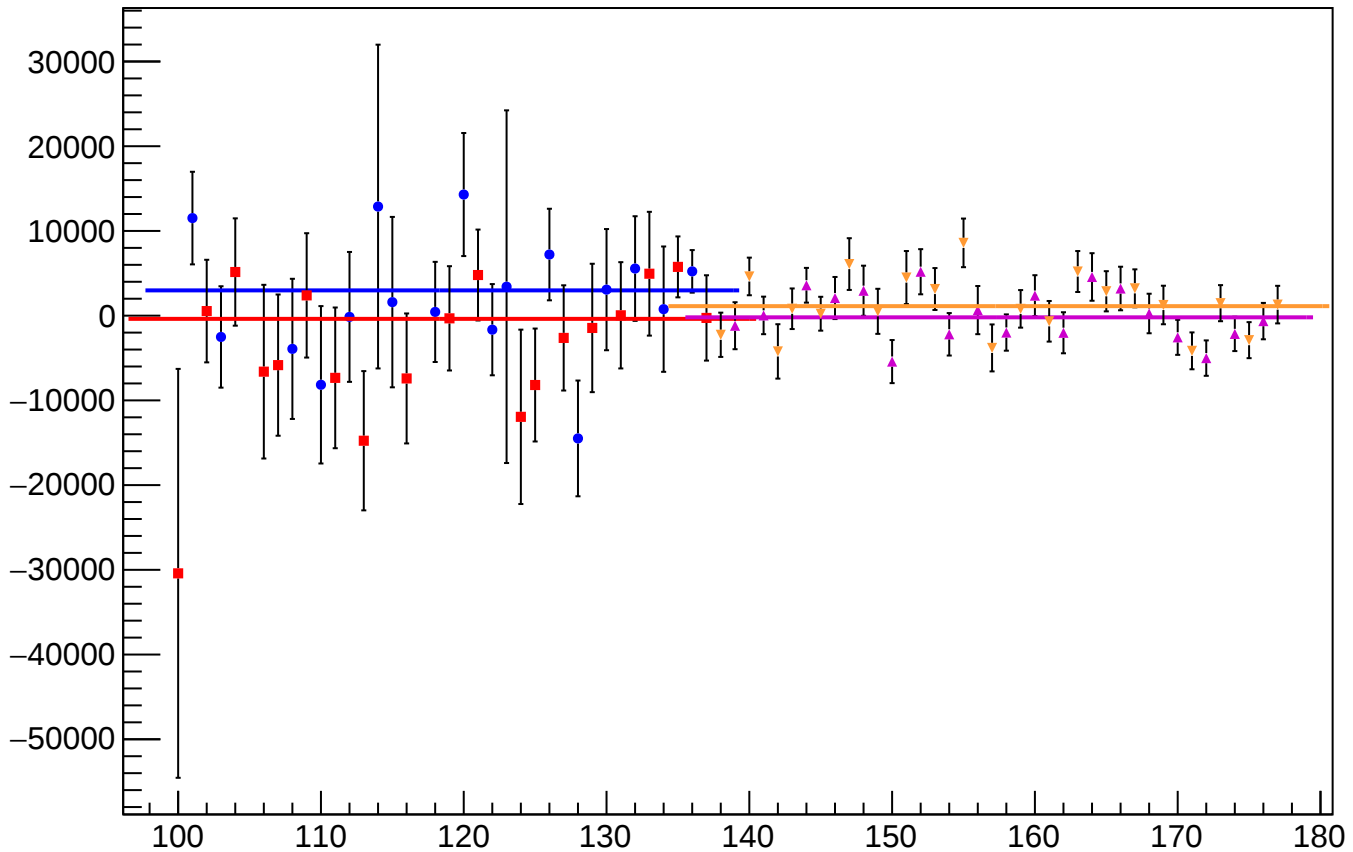
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2299.806+/-0.365 χ^2/NDF : 3340659.4/35

Out: 2298.402+/-0.354 χ^2/NDF : 3975535.4/39

All: 2299.084+/-0.254 χ^2/NDF : 7316202.4/75

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: -196.919 $\pm$ 544.599 χ^2 /NDF:29.2/18

Left: 485.523 $\pm$ 378.417 χ^2 /NDF: 68.2/39

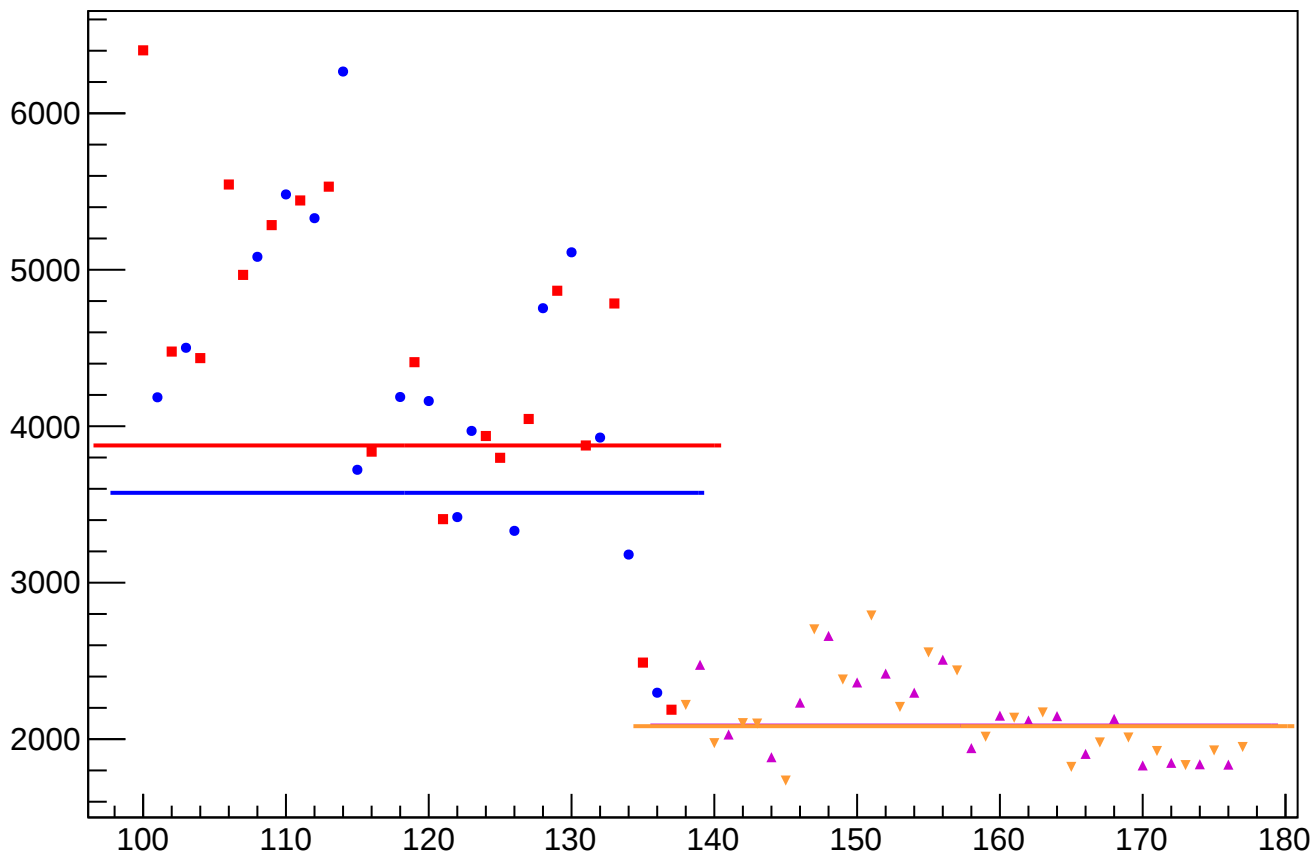
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 199.320 $\pm$ 509.547 χ^2 /NDF:50.9/35

Out: 959.702 $\pm$ 496.802 χ^2 /NDF:51.9/39

All: 589.140 $\pm$ 355.713 χ^2 /NDF: 103.9/75

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2082.825+/-0.372 χ^2/NDF : 463882.7/20

Right Out: 3877.124+/-1.066 χ^2/NDF : 990125.2/18

Left In: 2086.796+/-0.385 χ^2/NDF : 389937.1/18

Left: 2084.743+/-0.268 χ^2/NDF : 853874.8/39

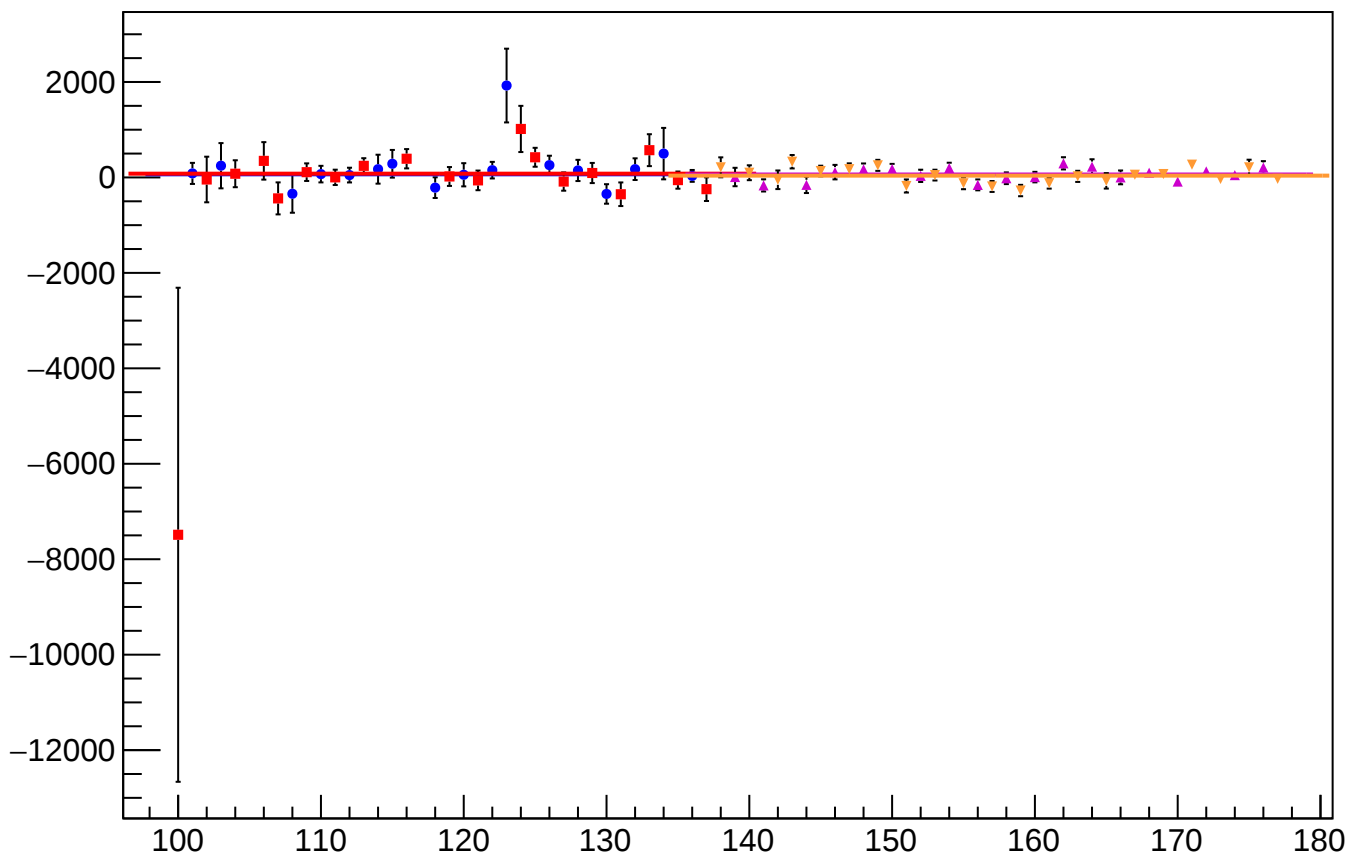
Right: 3719.204+/-0.737 χ^2/NDF : 2123559.1/35

In: 2272.121+/-0.360 χ^2/NDF : 3340315.8/35

Out: 2277.723+/-0.351 χ^2/NDF : 3979975.6/39

All: 2274.993+/-0.252 χ^2/NDF : 7320415.3/75

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: 61.238+/-26.641 χ^2/NDF : 21.8/18

Left: 48.878+/-18.328 χ^2/NDF : 59.7/39

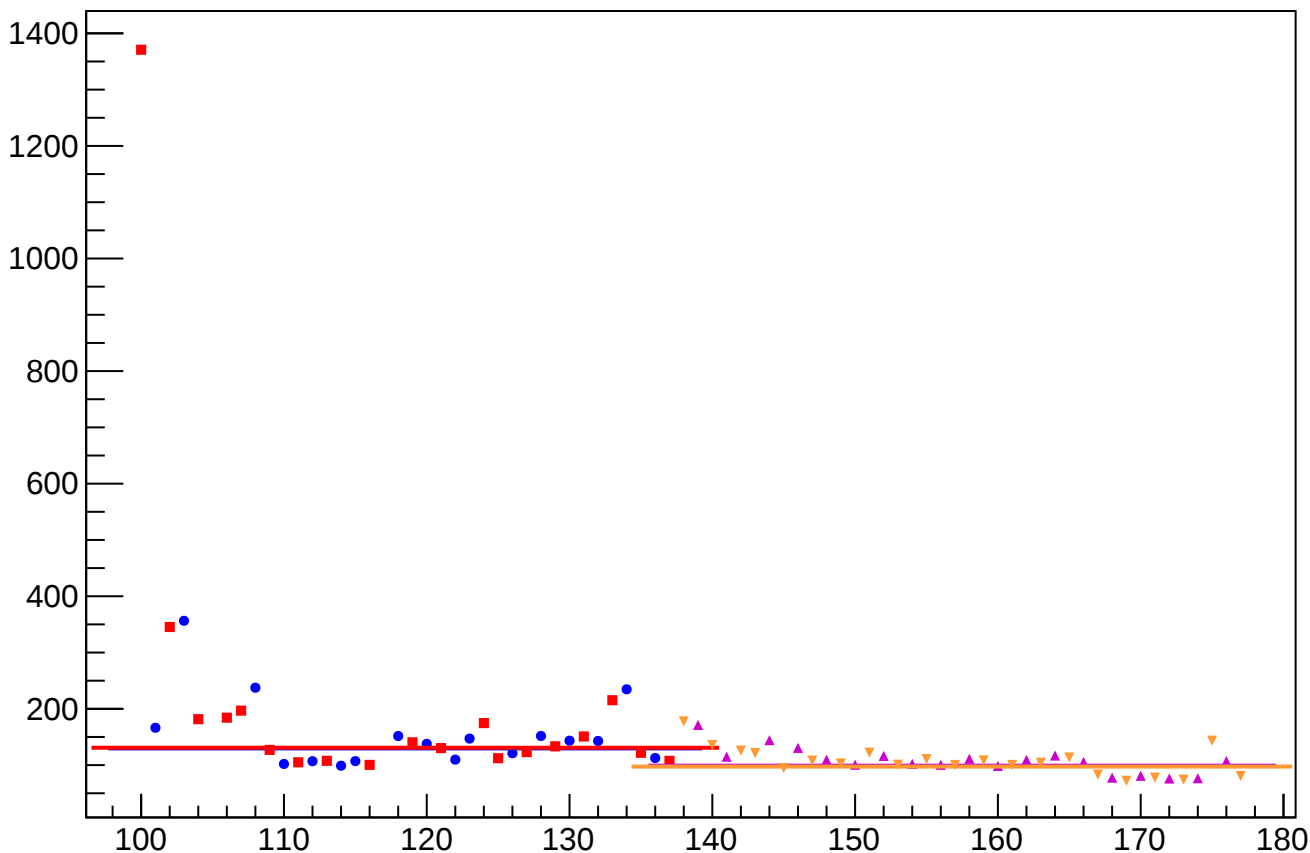
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 62.049+/-23.776 χ^2/NDF : 37.6/35

Out: 45.500+/-22.745 χ^2/NDF : 62.3/39

All: 53.408+/-16.435 χ^2/NDF : 100.1/75

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: 99.024 $\pm$ 0.019 χ^2 /NDF:1133847.9/18

Left: 98.174 $\pm$ 0.013 χ^2 /NDF: 2514688.6/39

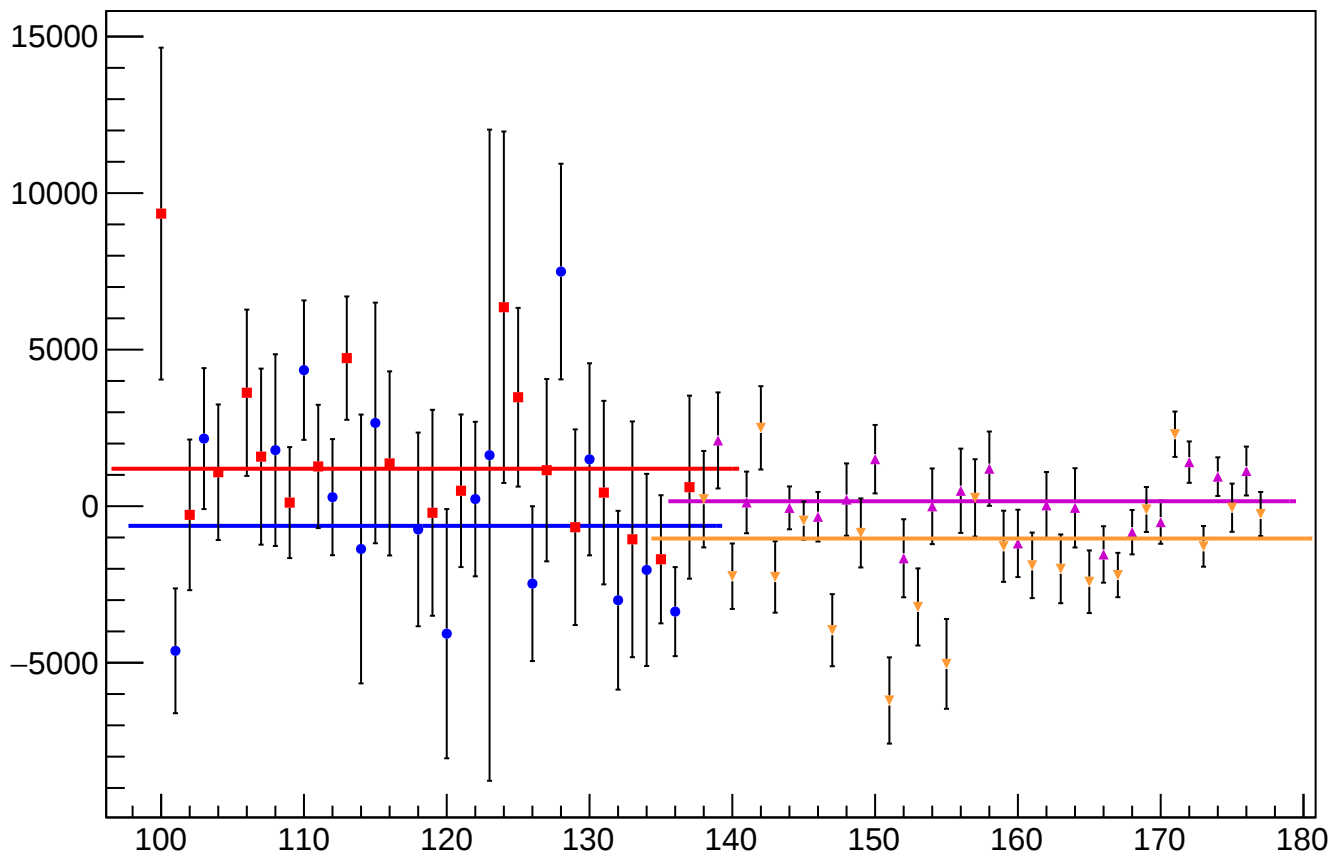
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 105.267 $\pm$ 0.017 χ^2 /NDF:2663121.8/35

Out: 103.730 $\pm$ 0.016 χ^2 /NDF:3082587.8/39

All: 104.465 $\pm$ 0.012 χ^2 /NDF: 5750071.8/75

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1033.076 ± 201.340 $\chi^2/\text{NDF}: 75.7/20$

Right Out: 1196.185 ± 595.685 $\chi^2/\text{NDF}: 11.8/18$

Left In: 157.702 ± 205.858 $\chi^2/\text{NDF}: 21.3/18$

Left: -450.897 ± 143.940 $\chi^2/\text{NDF}: 114.1/39$

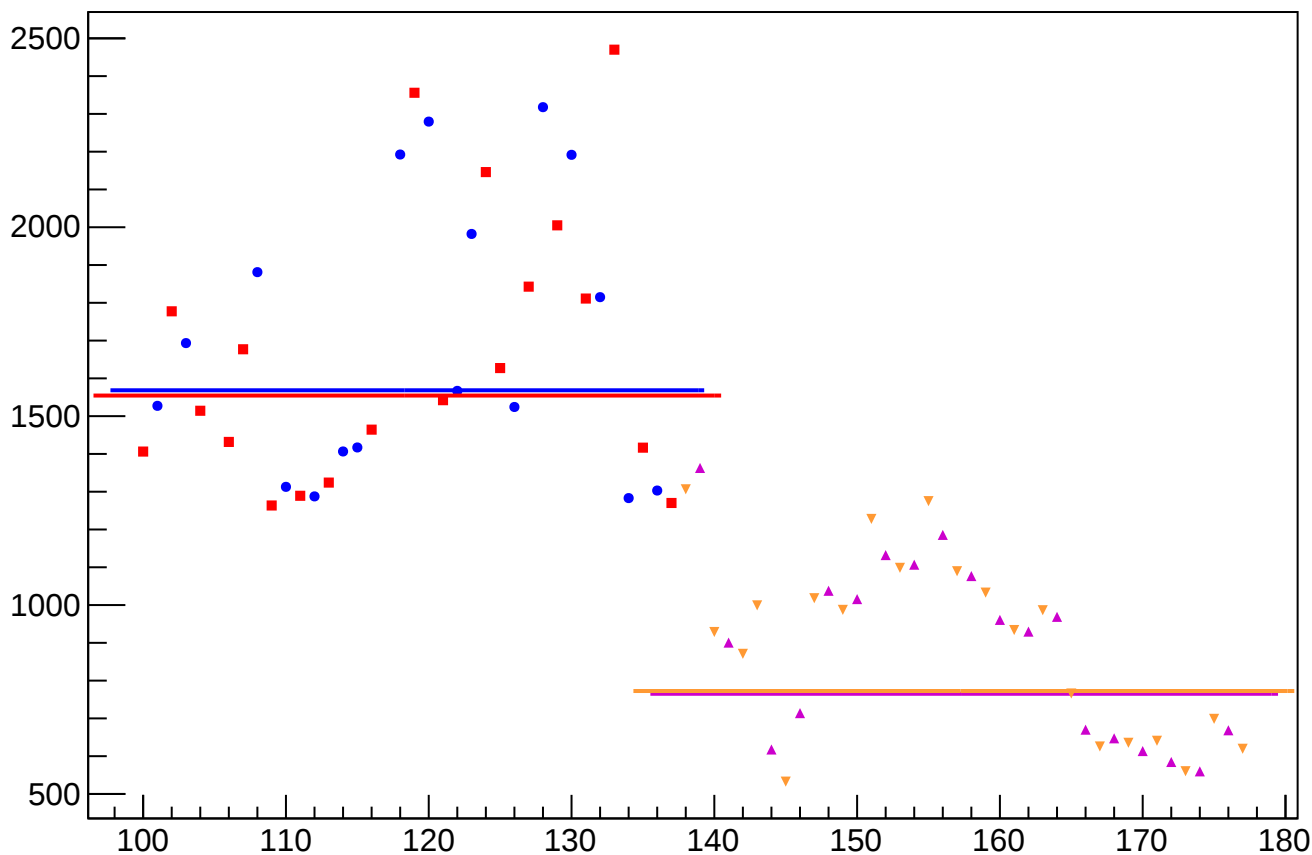
Right: 322.661 ± 430.045 $\chi^2/\text{NDF}: 40.5/35$

In: 80.004 ± 195.417 $\chi^2/\text{NDF}: 47.1/35$

Out: -804.511 ± 190.739 $\chi^2/\text{NDF}: 100.0/39$

All: -372.966 ± 136.497 $\chi^2/\text{NDF}: 157.6/75$

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: 765.167+/-0.146 χ^2/NDF : 2066643.1/18

Left: 768.904+/-0.102 χ^2/NDF : 4432595.5/39

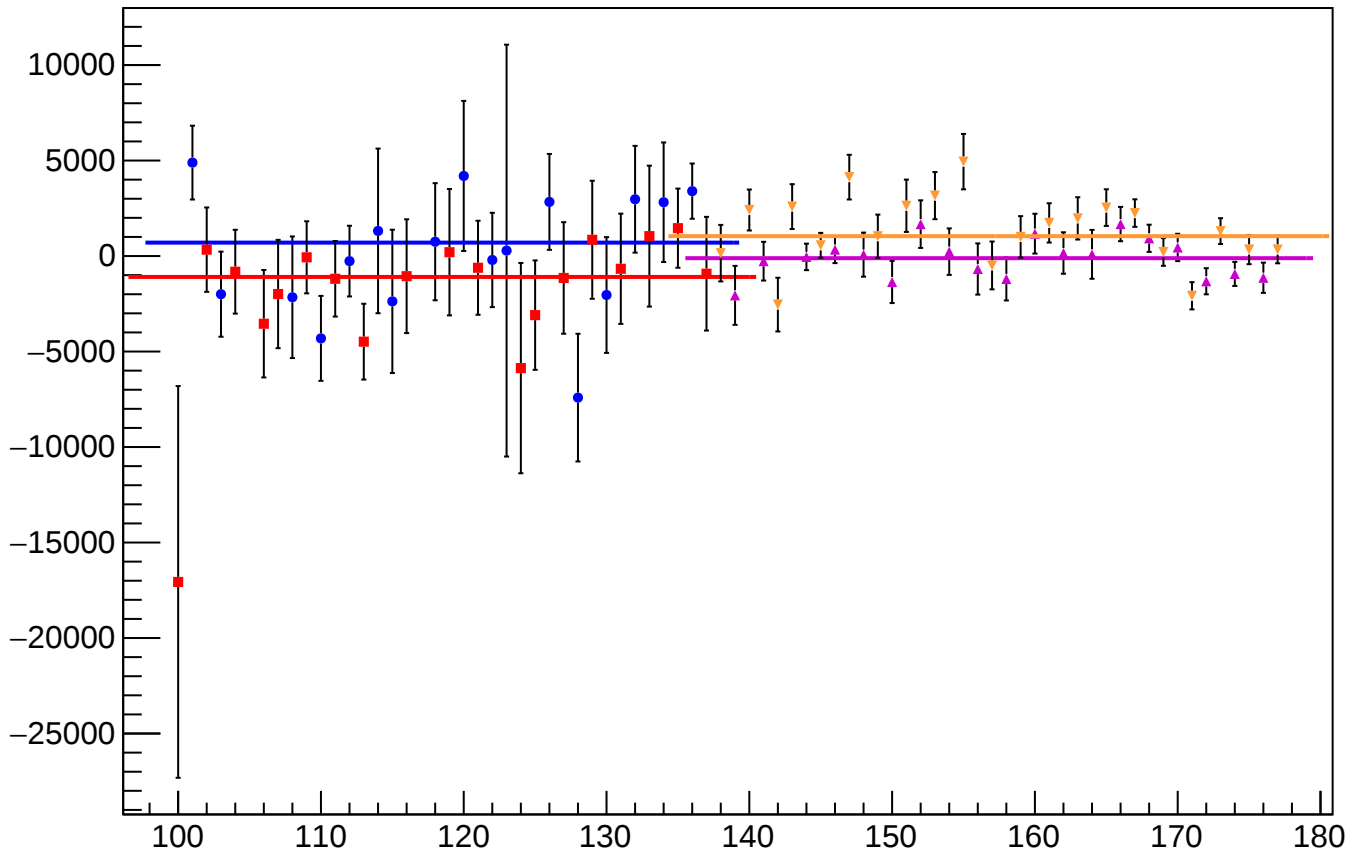
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 844.590+/-0.138 χ^2/NDF : 5611934.5/35

Out: 852.662+/-0.135 χ^2/NDF : 5970442.3/39

All: 848.724+/-0.097 χ^2/NDF : 11584124.3/75

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: -112.207 $\pm$ 206.337 χ^2/NDF : 21.4/18

Left: 471.120 $\pm$ 145.079 χ^2/NDF : 96.7/39

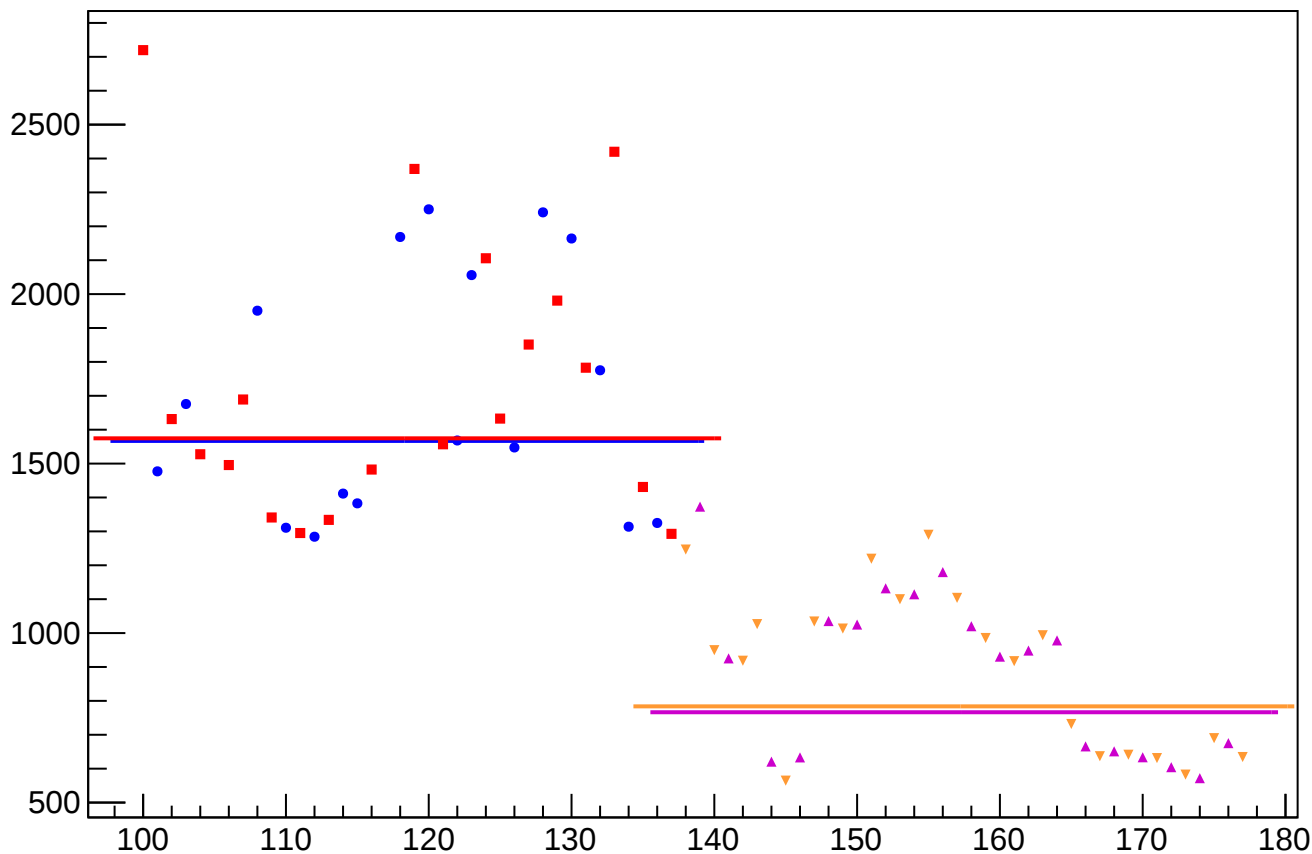
Right: -220.967 $\pm$ 432.555 χ^2/NDF : 40.9/35

In: -31.061 $\pm$ 195.799 χ^2/NDF : 48.9/35

Out: 822.251 $\pm$ 193.272 χ^2/NDF : 81.4/39

All: 401.138 $\pm$ 137.549 χ^2/NDF : 139.9/75

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: 766.438 $\pm$ 0.146 χ^2 /NDF: 1998833.6/18

Left: 775.215 $\pm$ 0.103 χ^2 /NDF: 4186037.4/39

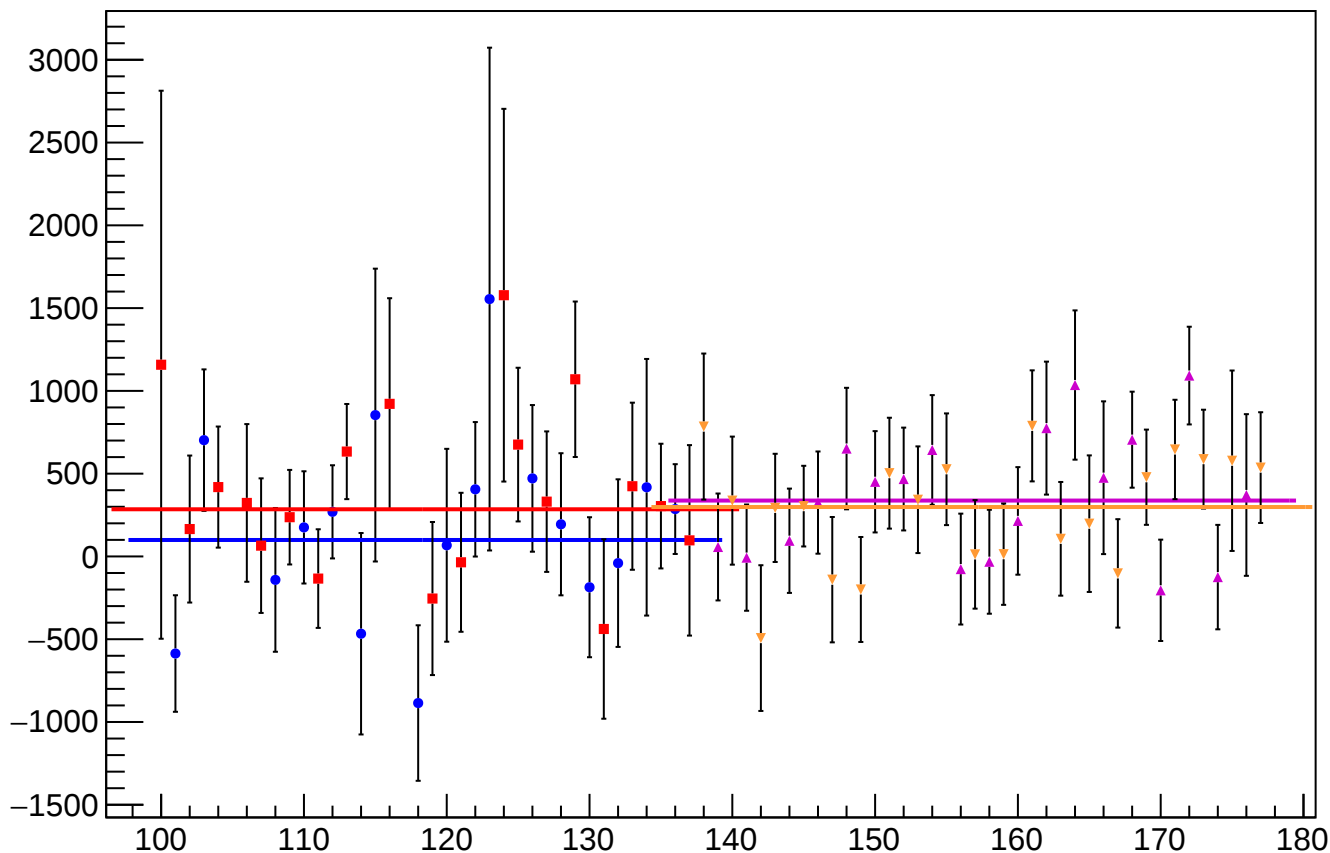
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 846.115 $\pm$ 0.138 χ^2 /NDF: 5494867.2/35

Out: 864.974 $\pm$ 0.137 χ^2 /NDF: 5728325.7/39

All: 855.667 $\pm$ 0.097 χ^2 /NDF: 11232590.3/75

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: 337.564 $\pm$ 76.671 χ^2/NDF : 24.6/18

Left: 317.095 $\pm$ 52.937 χ^2/NDF : 42.9/39

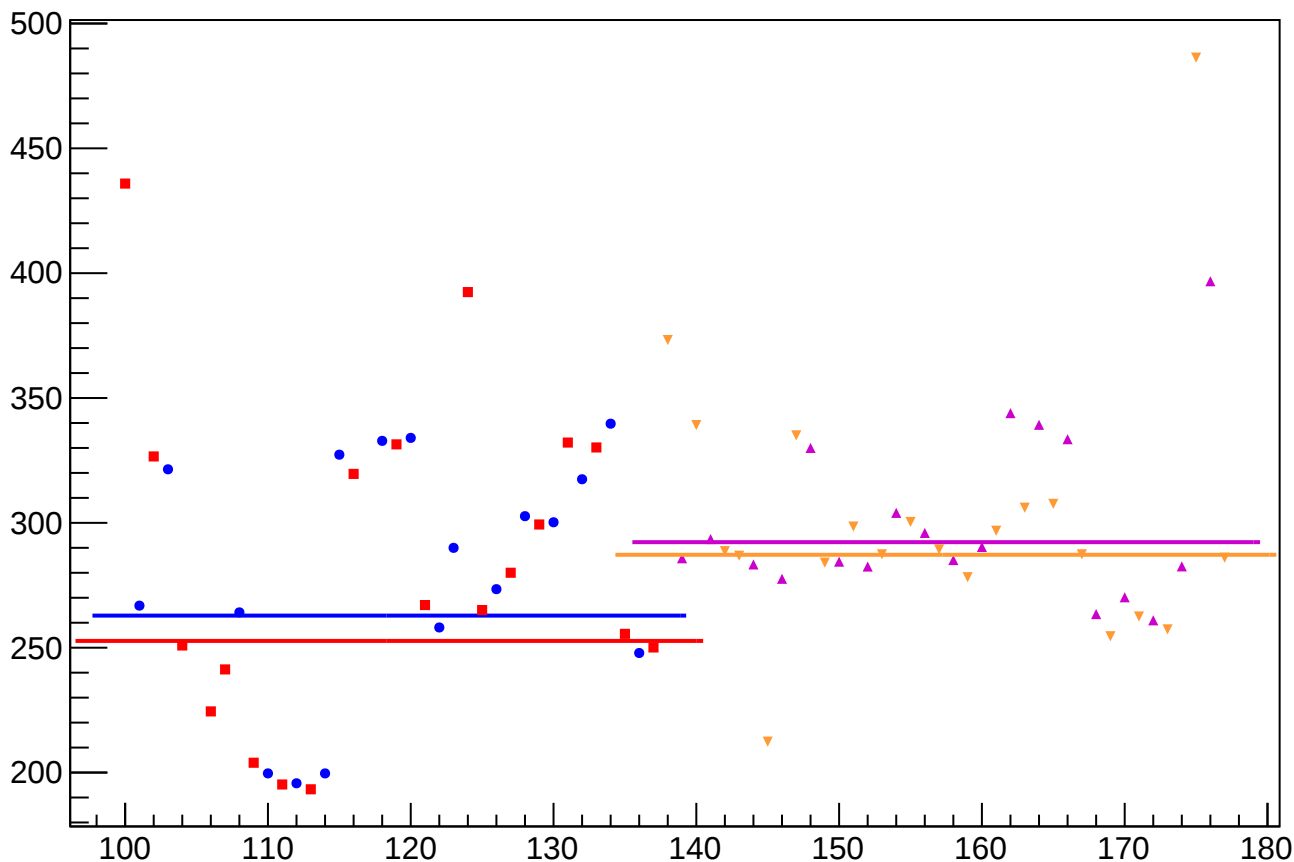
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 253.134 $\pm$ 61.601 χ^2/NDF : 43.9/35

Out: 293.574 $\pm$ 58.573 χ^2/NDF : 32.2/39

All: 274.372 $\pm$ 42.447 χ^2/NDF : 76.3/75

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: 292.270+/-0.054 χ^2/NDF : 252216.8/18

Left: 289.626+/-0.037 χ^2/NDF : 935909.1/39

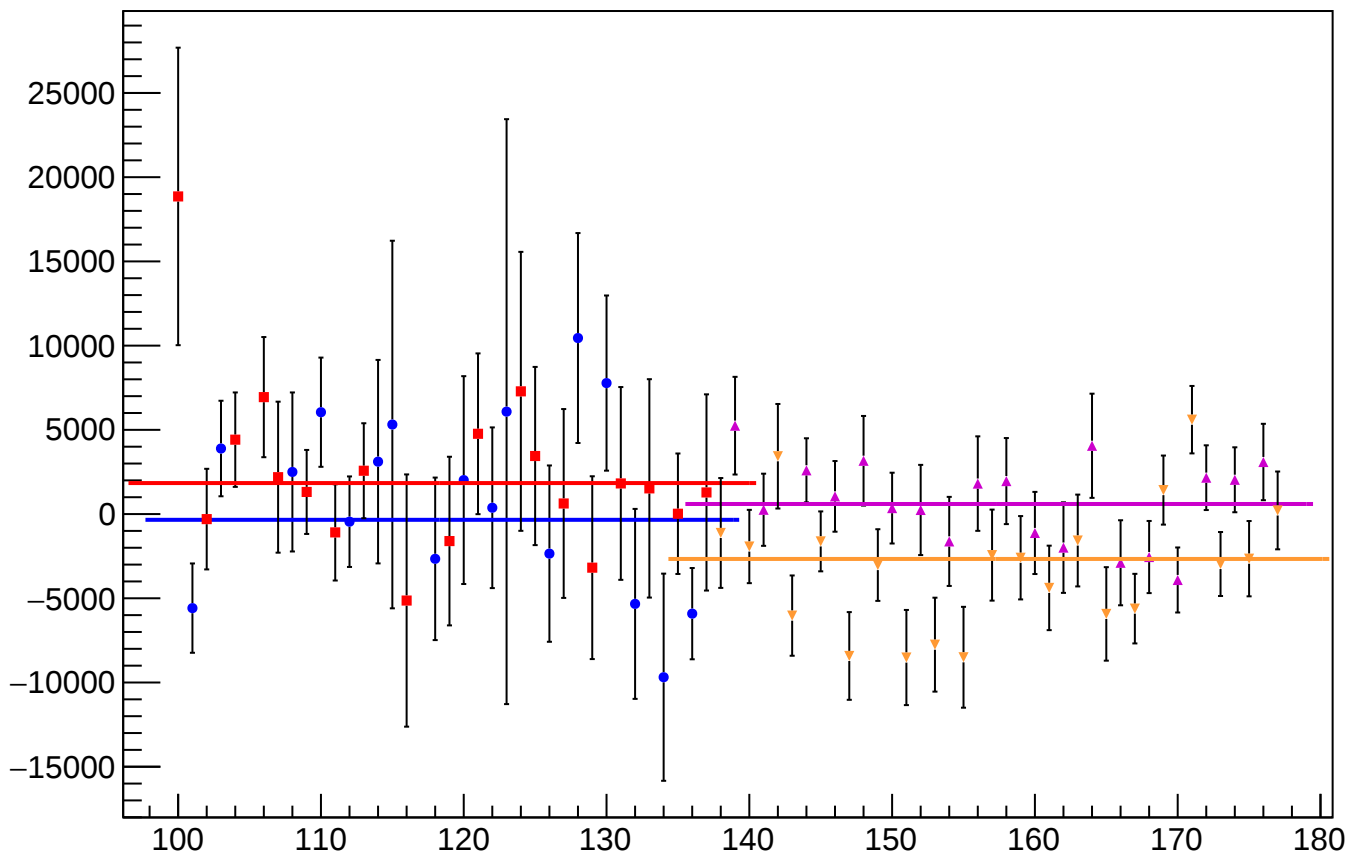
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 281.843+/-0.044 χ^2/NDF : 768254.3/35

Out: 274.821+/-0.041 χ^2/NDF : 1378596.1/39

All: 278.155+/-0.030 χ^2/NDF : 2160500.4/75

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -2664.678 ± 516.702 $\chi^2/\text{NDF}: 49.6/20$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 597.994 ± 529.980 $\chi^2/\text{NDF}: 20.5/18$

Left: -1074.723 ± 369.969 $\chi^2/\text{NDF}: 89.5/39$

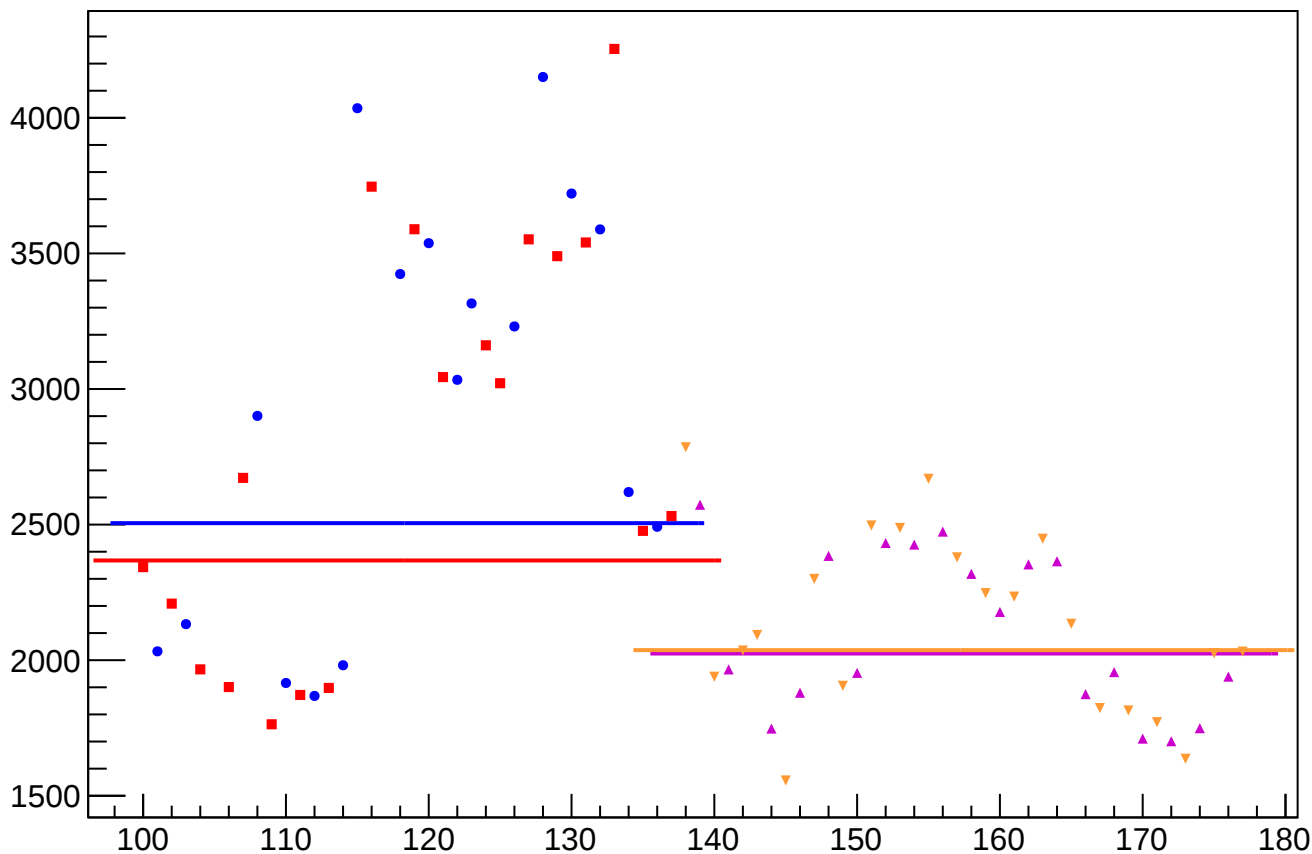
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 393.451 ± 468.753 $\chi^2/\text{NDF}: 45.6/35$

Out: -1592.773 ± 451.066 $\chi^2/\text{NDF}: 79.3/39$

All: -637.839 ± 325.025 $\chi^2/\text{NDF}: 134.3/75$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2037.073 $\pm$ 0.365 χ^2 /NDF: 754676.9/20

Right Out: 2367.730 $\pm$ 0.654 χ^2 /NDF: 1030895.6/18

Left In: 2024.622 $\pm$ 0.375 χ^2 /NDF: 558495.0/18

Left: 2031.005 $\pm$ 0.262 χ^2 /NDF: 1313737.8/39

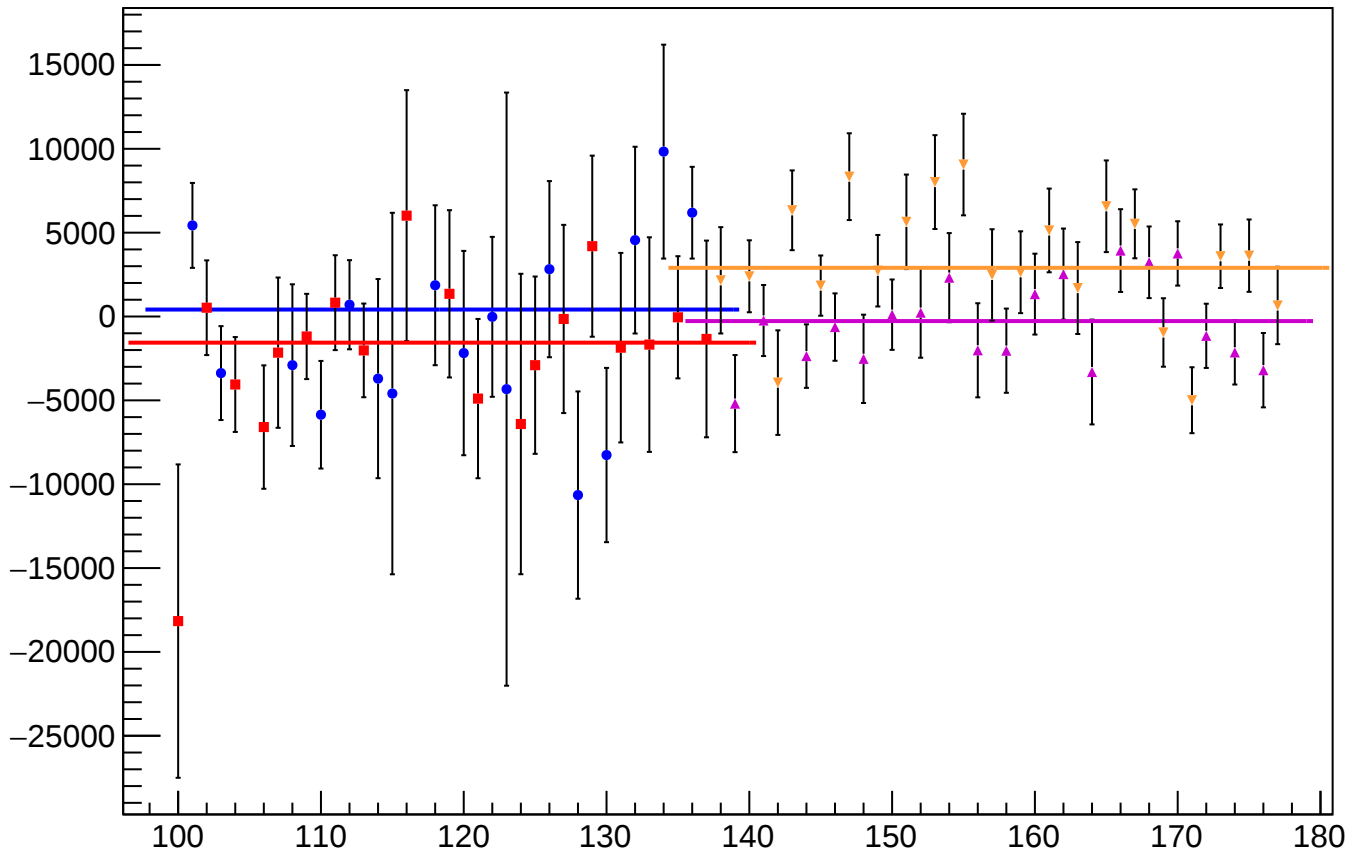
Right: 2430.842 $\pm$ 0.481 χ^2 /NDF: 1915339.5/35

In: 2129.275 $\pm$ 0.331 χ^2 /NDF: 1780844.6/35

Out: 2115.744 $\pm$ 0.319 χ^2 /NDF: 1980440.1/39

All: 2122.249 $\pm$ 0.230 χ^2 /NDF: 3762150.0/75

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2/NDF : 24.5/16

Left Out: 2903.376 $\pm$ 513.986 χ^2/NDF : 45.5/20

Right Out: -1558.787 $\pm$ 924.438 χ^2/NDF : 10.7/18

Left In: -272.103 $\pm$ 525.640 χ^2/NDF : 22.1/18

Left: 1351.228 $\pm$ 367.494 χ^2/NDF : 86.3/39

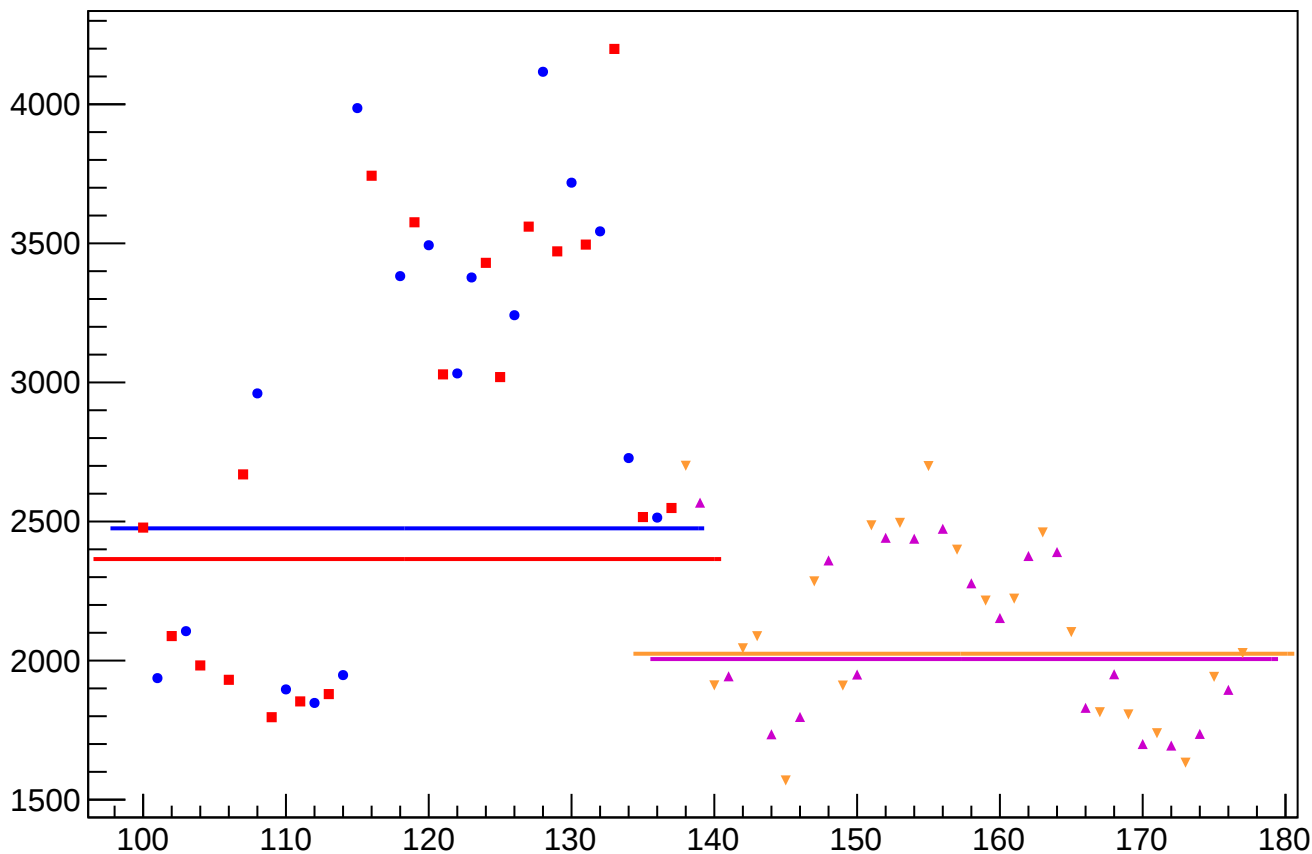
Right: -644.015 $\pm$ 677.222 χ^2/NDF : 37.3/35

In: -122.044 $\pm$ 464.763 χ^2/NDF : 47.0/35

Out: 1849.696 $\pm$ 449.220 χ^2/NDF : 74.1/39

All: 897.345 $\pm$ 323.002 χ^2/NDF : 130.4/75

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 ± 0.704 $\chi^2/\text{NDF}: 913073.5/16$

Left Out: 2024.650 ± 0.363 $\chi^2/\text{NDF}: 751499.9/20$

Right Out: 2365.025 ± 0.654 $\chi^2/\text{NDF}: 1027171.5/18$

Left In: 2005.460 ± 0.372 $\chi^2/\text{NDF}: 596348.4/18$

Left: 2015.270 ± 0.260 $\chi^2/\text{NDF}: 1349211.0/39$

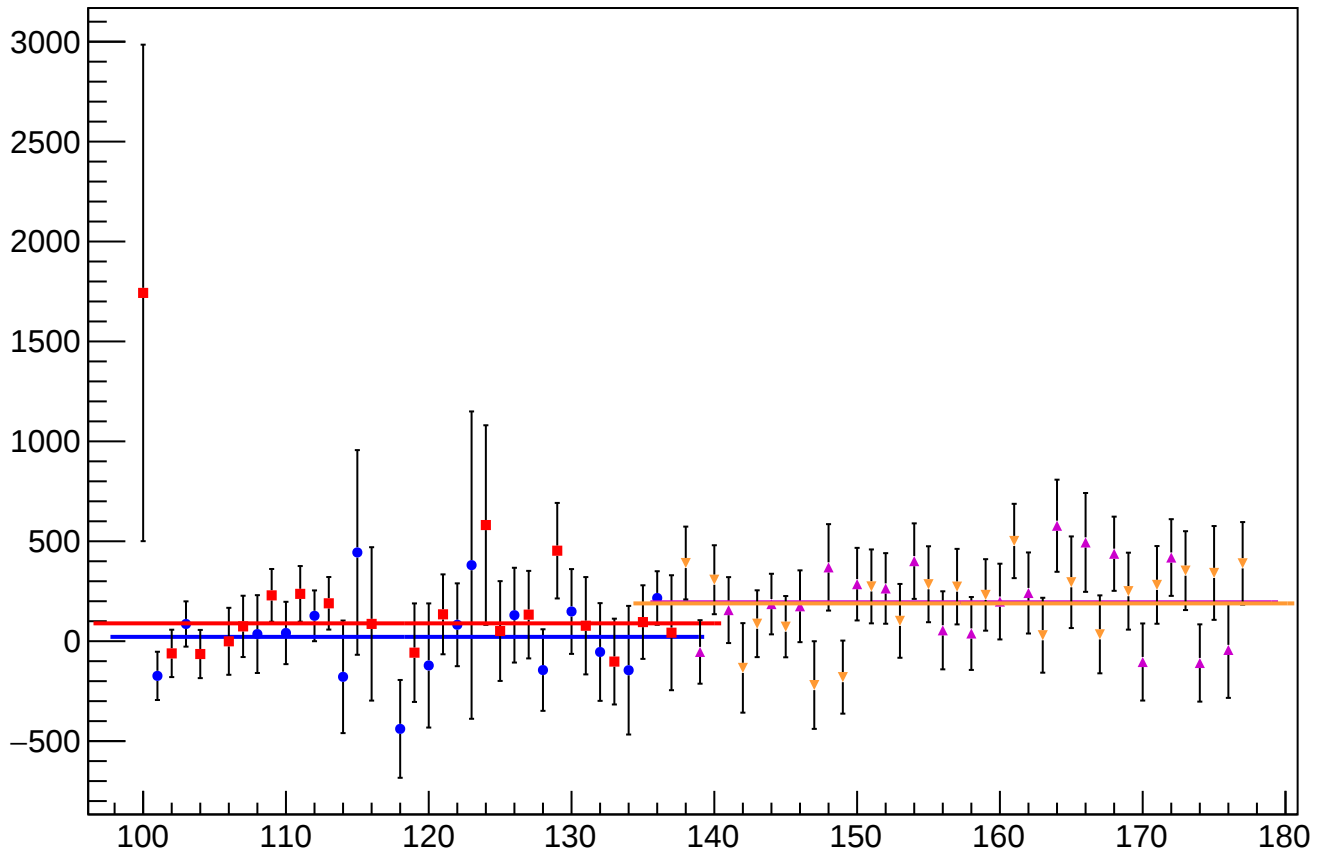
Right: 2416.181 ± 0.479 $\chi^2/\text{NDF}: 1953463.4/35$

In: 2108.017 ± 0.329 $\chi^2/\text{NDF}: 1858316.2/35$

Out: 2105.025 ± 0.318 $\chi^2/\text{NDF}: 1985784.0/39$

All: 2106.470 ± 0.228 $\chi^2/\text{NDF}: 3844143.0/75$

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: 194.731 $\pm$ 43.301 χ^2 /NDF:19.2/18

Left: 191.810 $\pm$ 29.948 χ^2 /NDF: 39.2/39

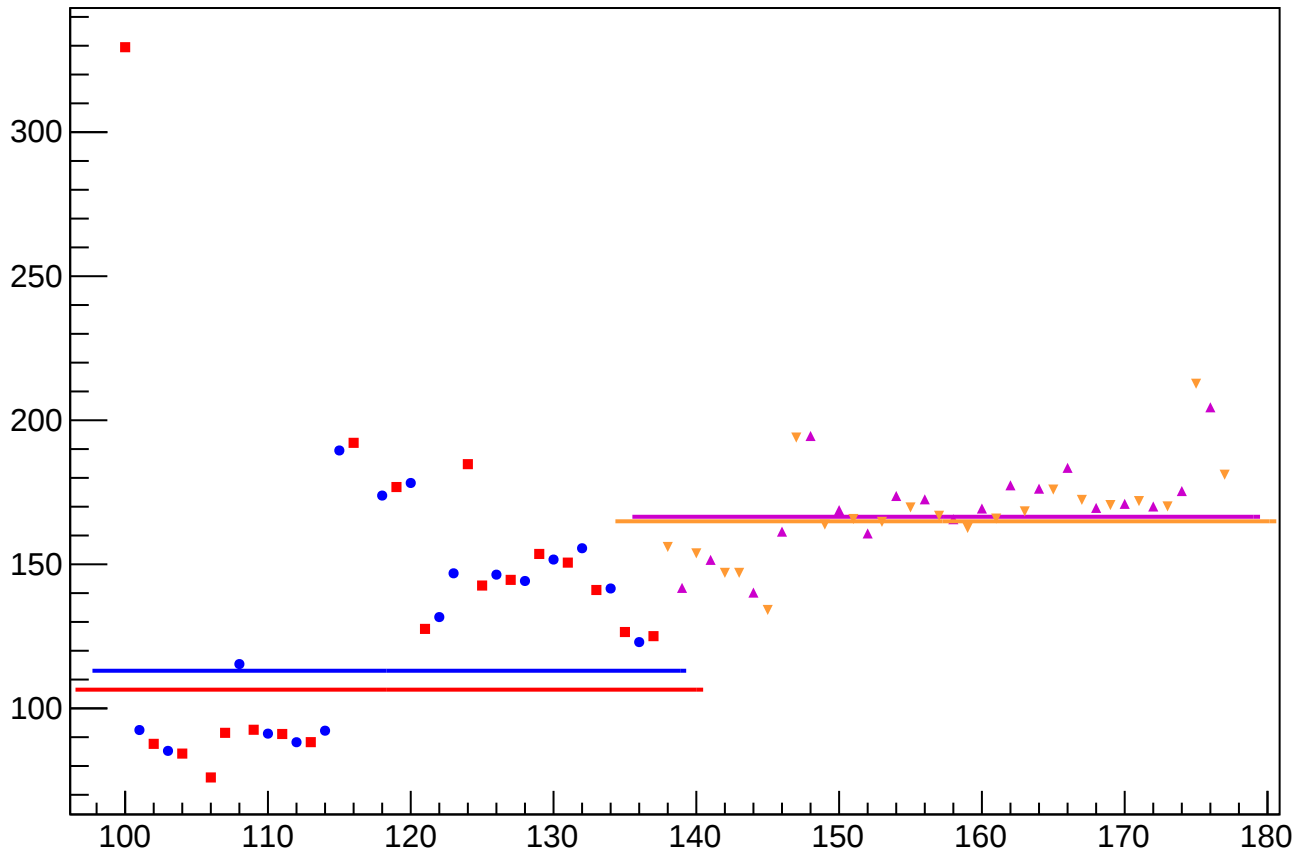
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 111.818 $\pm$ 31.254 χ^2 /NDF:39.5/35

Out: 139.628 $\pm$ 29.439 χ^2 /NDF:35.6/39

All: 126.554 $\pm$ 21.429 χ^2 /NDF: 75.4/75

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: 166.505 $\pm$ 0.031 χ^2 /NDF: 243529.8/18

Left: 165.684 $\pm$ 0.021 χ^2 /NDF: 520345.2/39

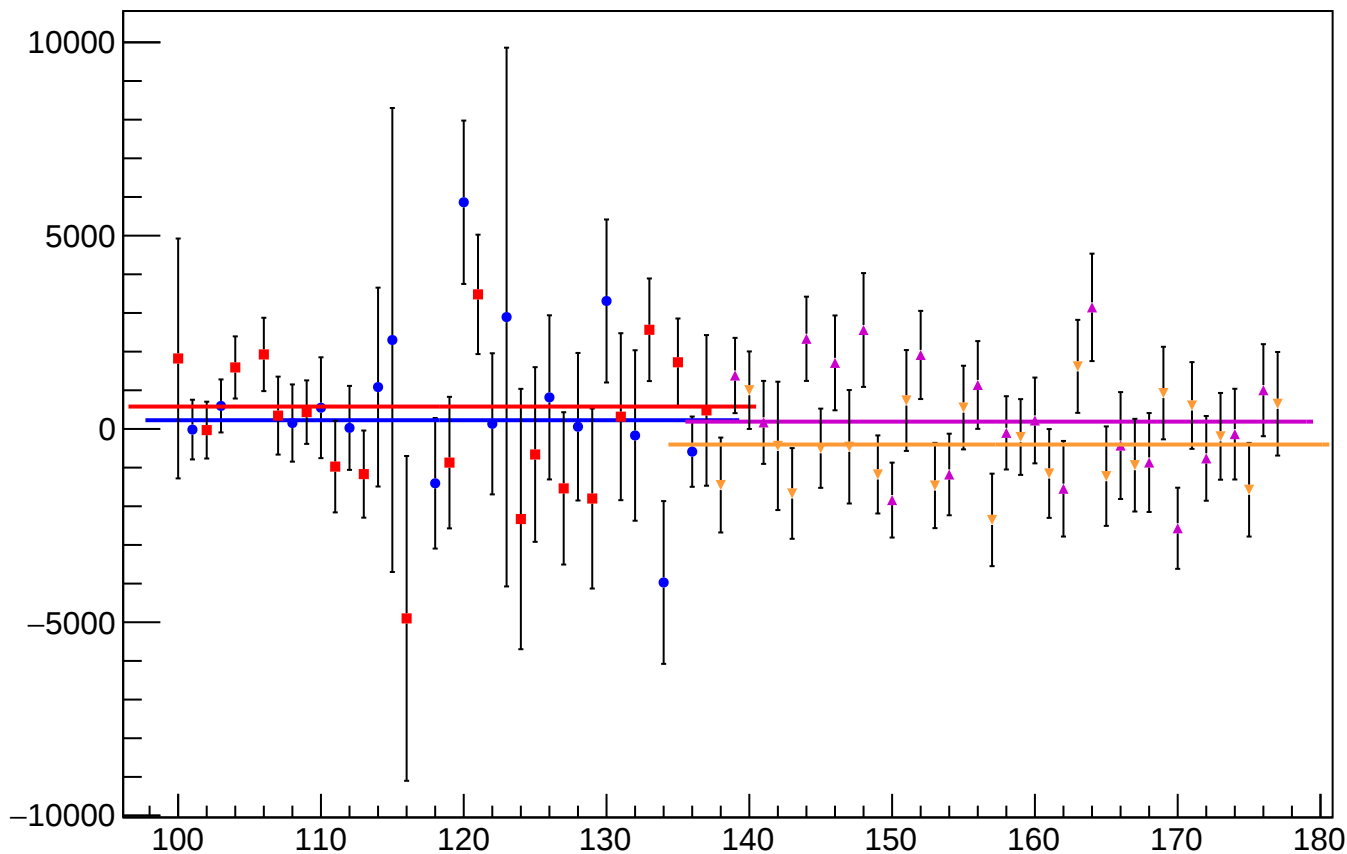
Right: 109.523 $\pm$ 0.022 χ^2 /NDF: 1859790.1/35

In: 140.902 $\pm$ 0.022 χ^2 /NDF: 2523888.8/35

Out: 135.949 $\pm$ 0.021 χ^2 /NDF: 3261820.6/39

All: 138.278 $\pm$ 0.015 χ^2 /NDF: 5812323.1/75

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 ± 321.412 $\chi^2/\text{NDF}: 16.0/16$

Left Out: -402.953 ± 254.592 $\chi^2/\text{NDF}: 17.1/20$

Right Out: 579.018 ± 289.235 $\chi^2/\text{NDF}: 21.1/18$

Left In: 189.031 ± 259.883 $\chi^2/\text{NDF}: 34.2/18$

Left: -113.048 ± 181.866 $\chi^2/\text{NDF}: 54.0/39$

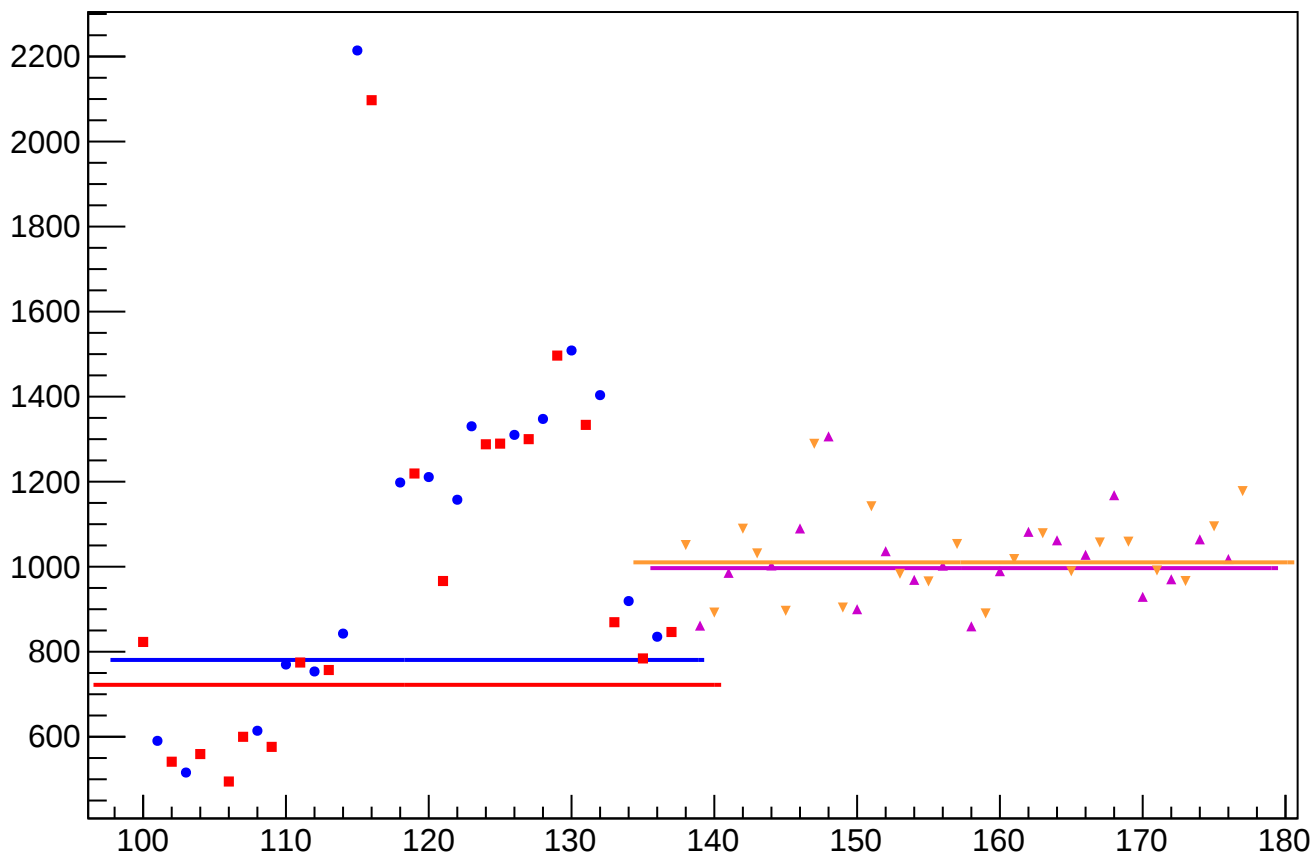
Right: 420.896 ± 214.998 $\chi^2/\text{NDF}: 37.8/35$

In: 203.502 ± 202.087 $\chi^2/\text{NDF}: 50.2/35$

Out: 25.733 ± 191.104 $\chi^2/\text{NDF}: 44.7/39$

All: 109.656 ± 138.852 $\chi^2/\text{NDF}: 95.3/75$

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 1010.233+/-0.180 χ^2/NDF : 270167.3/20

Right Out: 722.148+/-0.205 χ^2/NDF : 1628760.4/18

Left In: 996.653+/-0.184 χ^2/NDF : 272338.6/18

Left: 1003.583+/-0.129 χ^2/NDF : 545292.5/39

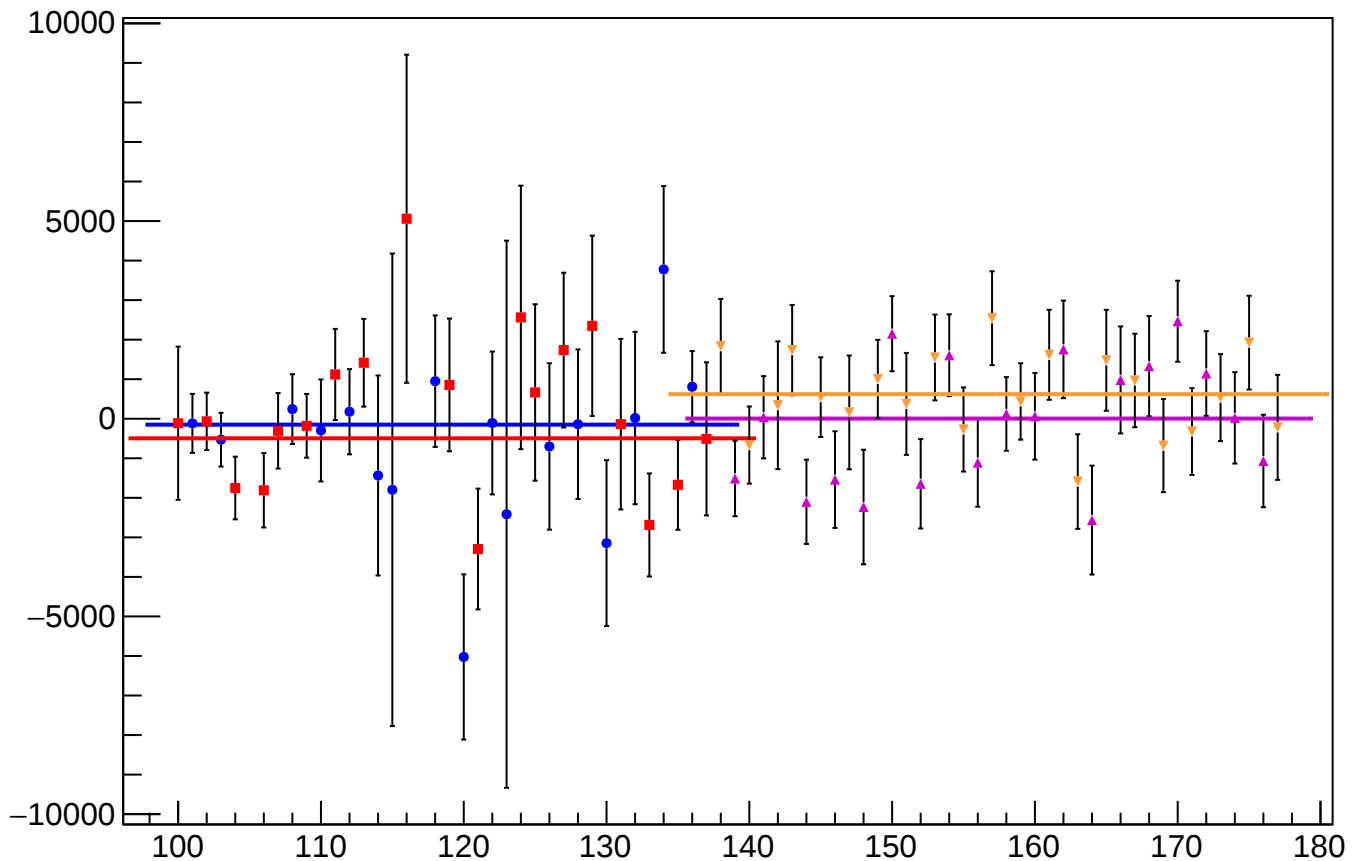
Right: 748.347+/-0.152 χ^2/NDF : 3274944.8/35

In: 911.281+/-0.143 χ^2/NDF : 2427790.9/35

Out: 884.468+/-0.135 χ^2/NDF : 3016872.5/39

All: 897.126+/-0.098 χ^2/NDF : 5463251.2/75

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 622.273 ± 250.328 $\chi^2/\text{NDF}: 16.4/20$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: 4.943 ± 255.468 $\chi^2/\text{NDF}: 35.9/18$

Left: 319.880 ± 178.798 $\chi^2/\text{NDF}: 55.3/39$

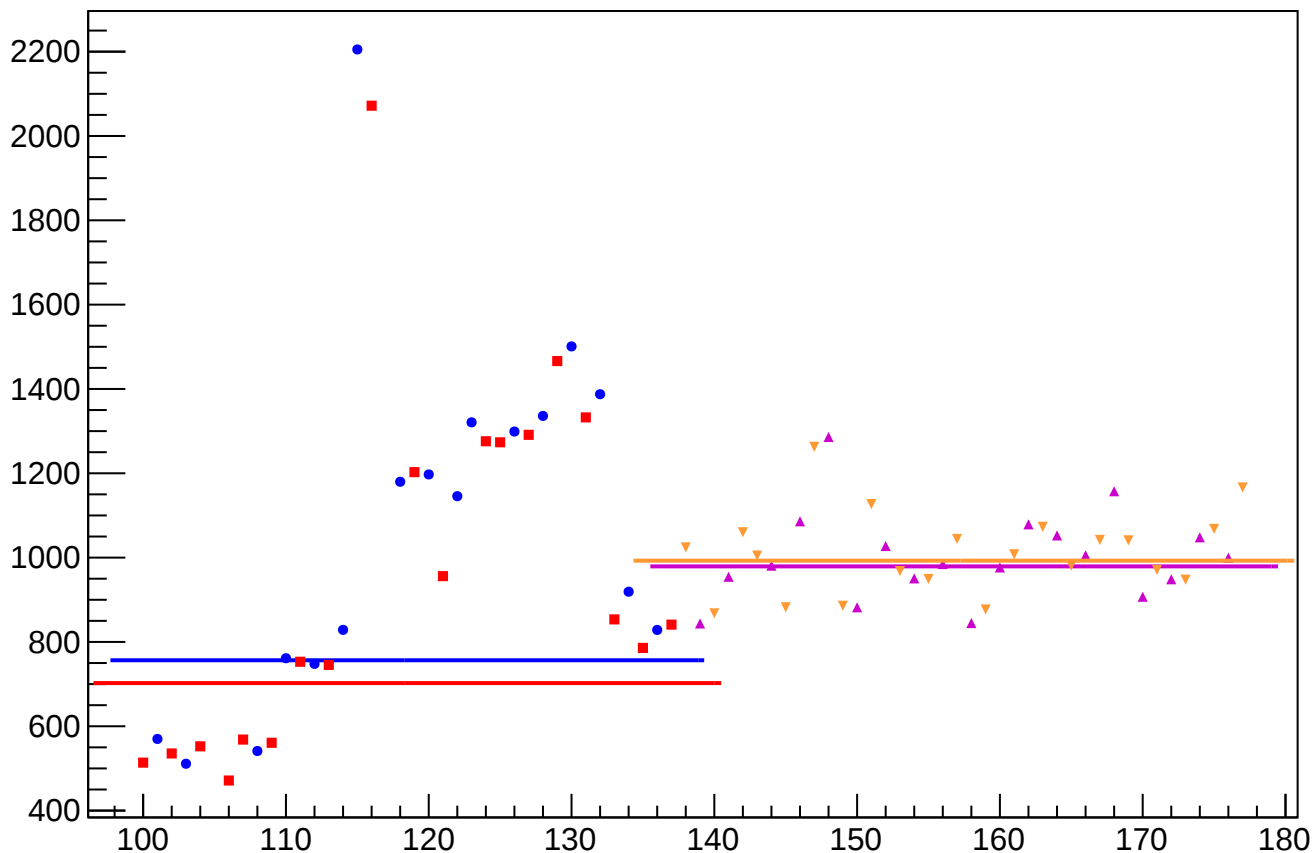
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -56.680 ± 197.905 $\chi^2/\text{NDF}: 52.2/35$

Out: 131.345 ± 187.420 $\chi^2/\text{NDF}: 48.8/39$

All: 42.445 ± 136.082 $\chi^2/\text{NDF}: 101.5/75$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 992.739+/-0.177 χ^2/NDF : 277053.5/20

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 979.191+/-0.181 χ^2/NDF : 292419.4/18

Left: 986.103+/-0.126 χ^2/NDF : 572342.4/39

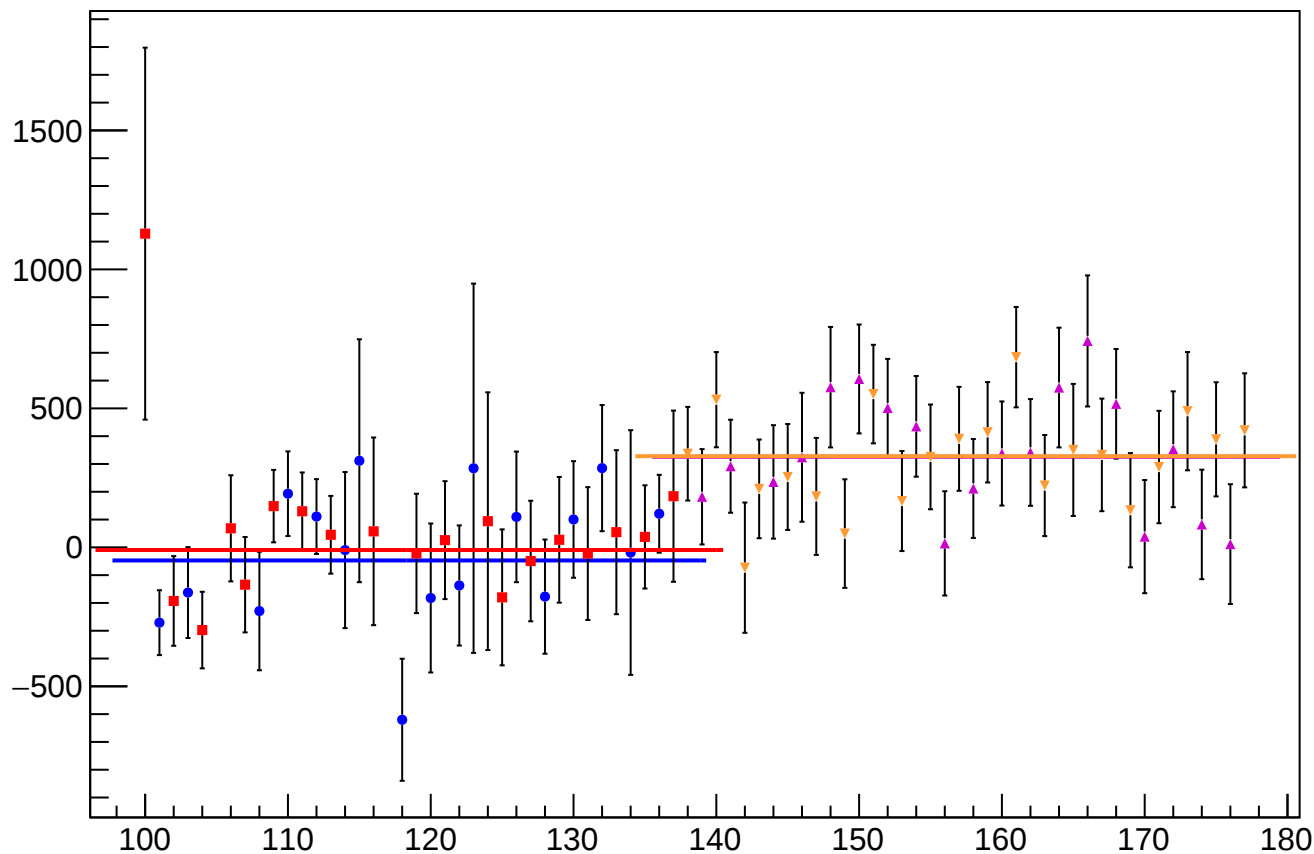
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 890.158+/-0.140 χ^2/NDF : 2613551.1/35

Out: 865.167+/-0.133 χ^2/NDF : 3148411.2/39

All: 876.983+/-0.096 χ^2/NDF : 5778774.6/75

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: 325.815 ± 44.834 $\chi^2/\text{NDF}: 19.9/18$

Left: 326.939 ± 30.658 $\chi^2/\text{NDF}: 36.1/39$

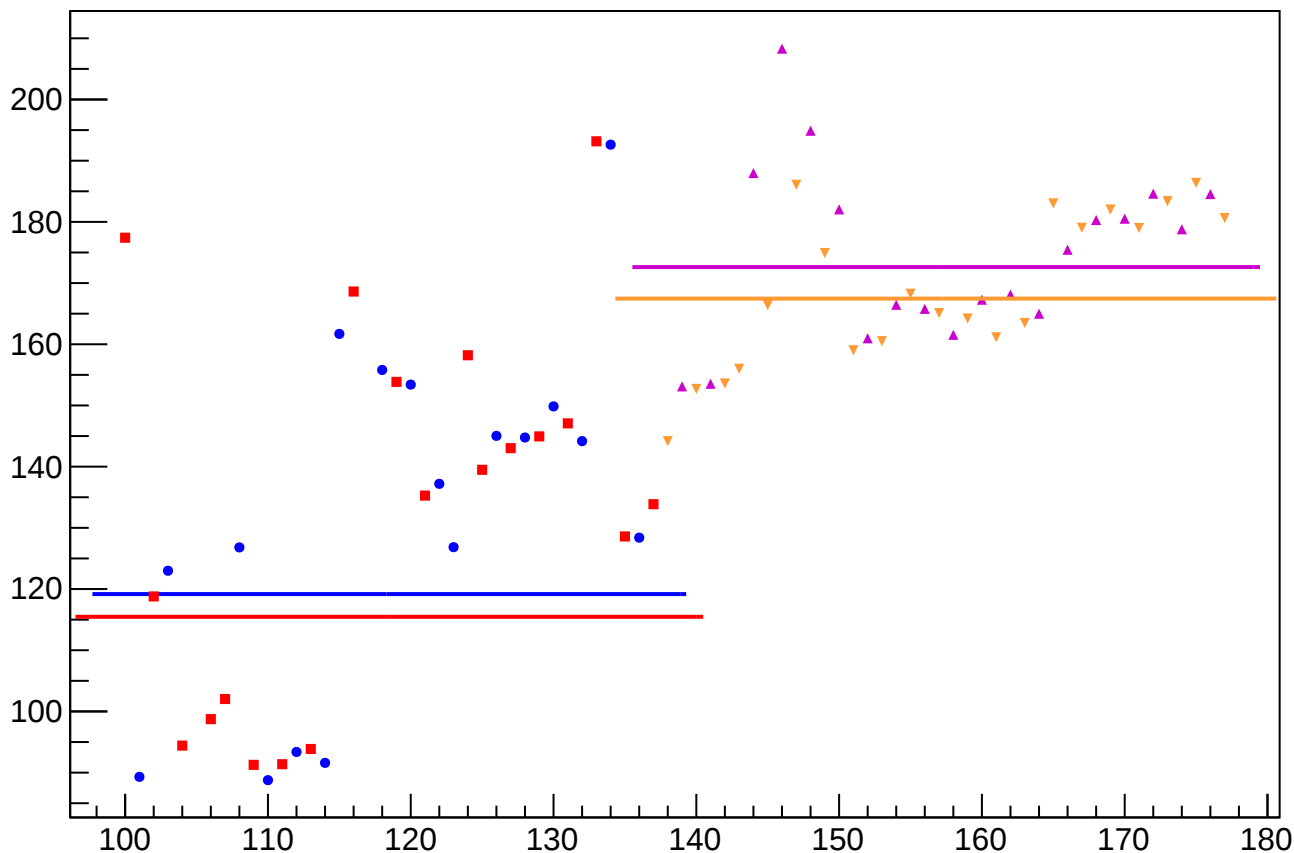
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 149.183 ± 32.529 $\chi^2/\text{NDF}: 74.6/35$

Out: 169.823 ± 30.631 $\chi^2/\text{NDF}: 59.5/39$

All: 160.123 ± 22.300 $\chi^2/\text{NDF}: 134.2/75$

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: 172.613+/-0.032 χ^2/NDF : 183958.8/18

Left: 169.872+/-0.022 χ^2/NDF : 365050.0/39

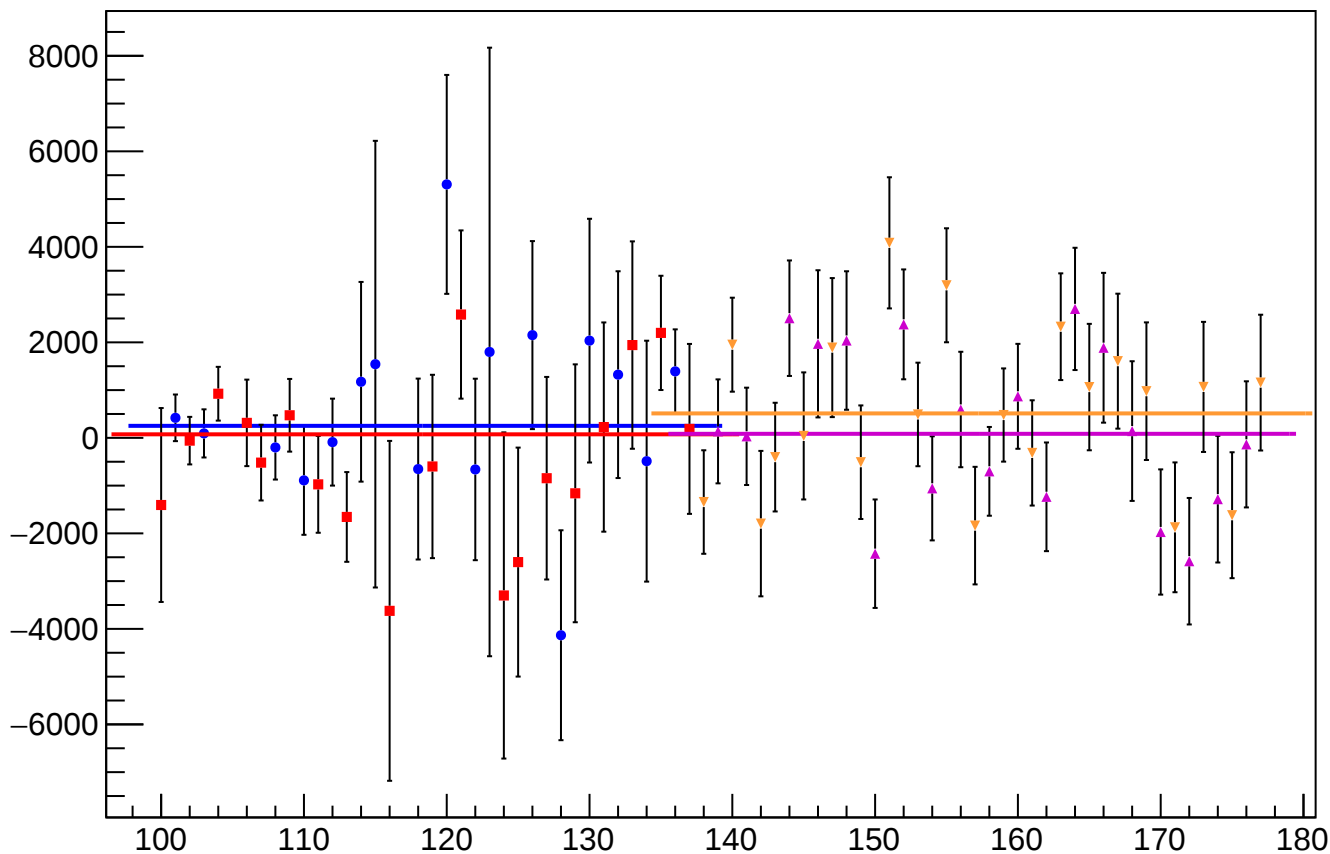
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 147.306+/-0.023 χ^2/NDF : 2144862.7/35

Out: 143.101+/-0.022 χ^2/NDF : 2295038.6/39

All: 145.077+/-0.016 χ^2/NDF : 4457617.4/75

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: 84.664 $\pm$ 277.558 χ^2 /NDF:33.1/18

Left: 306.026 $\pm$ 192.691 χ^2 /NDF: 69.7/39

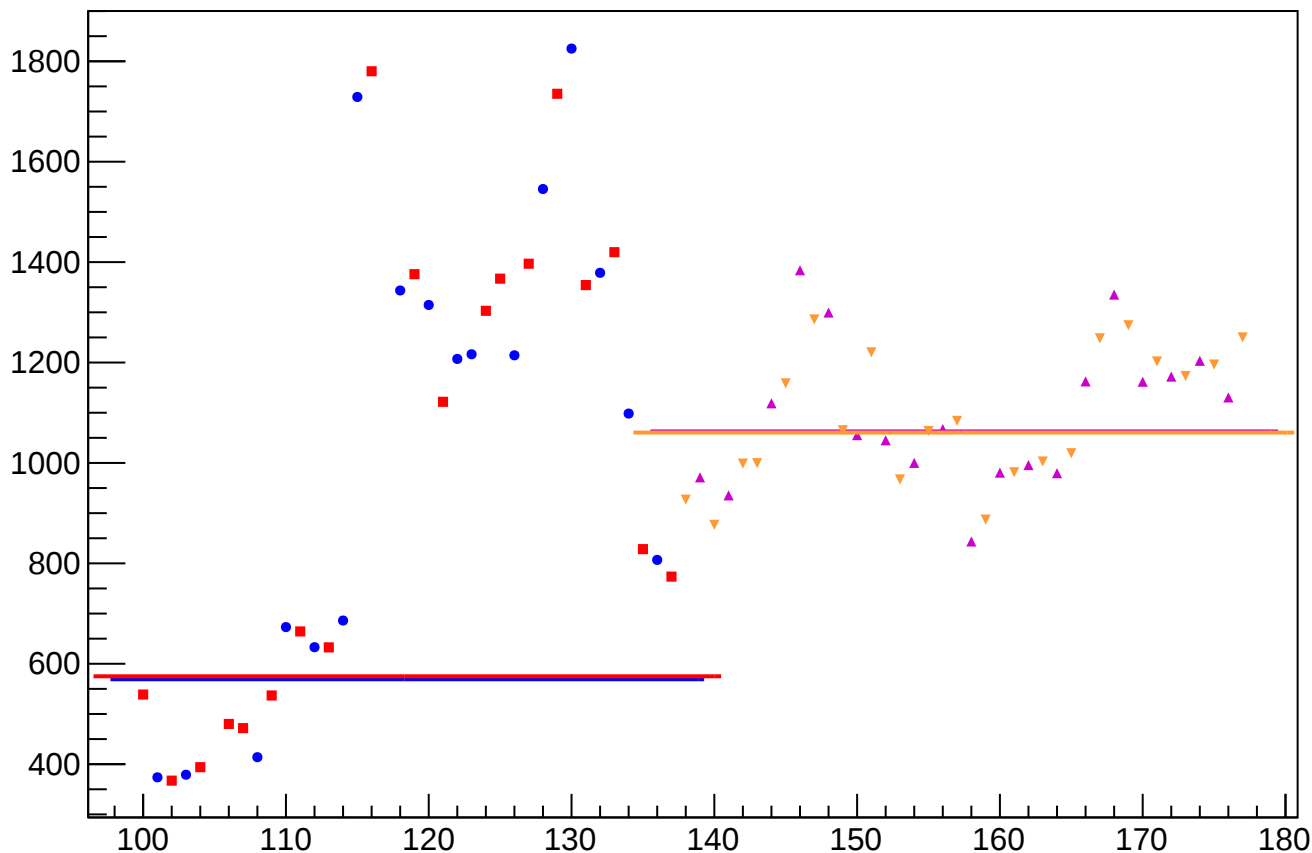
Right: 159.765 $\pm$ 175.557 χ^2 /NDF: 33.1/35

In: 175.974 $\pm$ 186.906 χ^2 /NDF:48.2/35

Out: 272.768 $\pm$ 180.325 χ^2 /NDF:54.8/39

All: 226.105 $\pm$ 129.773 χ^2 /NDF: 103.2/75

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: 1062.780 $\pm$ 0.196 χ^2 /NDF: 465027.8/18

Left: 1061.601 $\pm$ 0.136 χ^2 /NDF: 927793.7/39

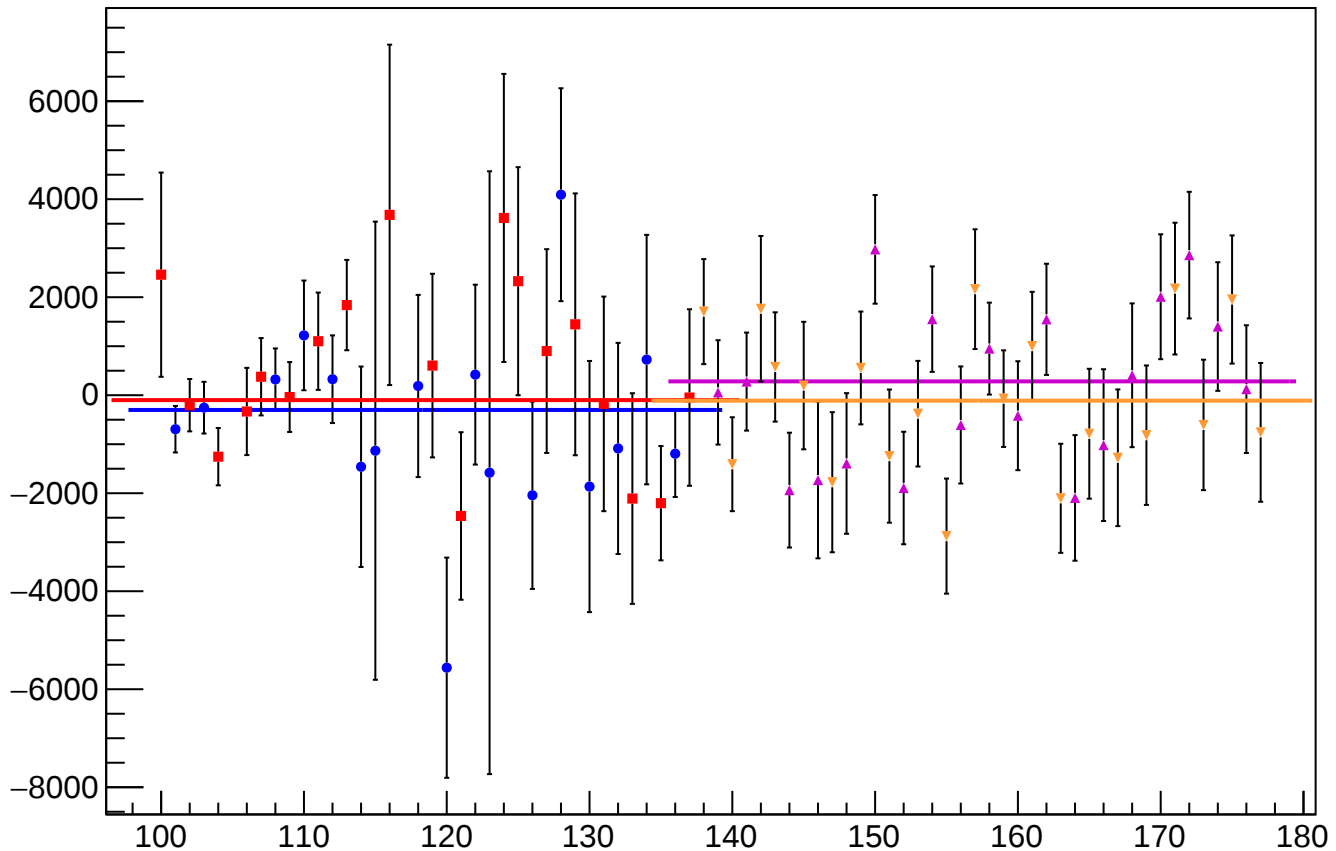
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 793.018 $\pm$ 0.132 χ^2 /NDF: 7188782.5/35

Out: 795.291 $\pm$ 0.128 χ^2 /NDF: 7114232.7/39

All: 794.195 $\pm$ 0.092 χ^2 /NDF: 14303168.5/75

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: 282.435 ± 275.010 χ^2/NDF : 30.9/18

Left: 78.146 ± 190.692 χ^2/NDF : 61.3/39

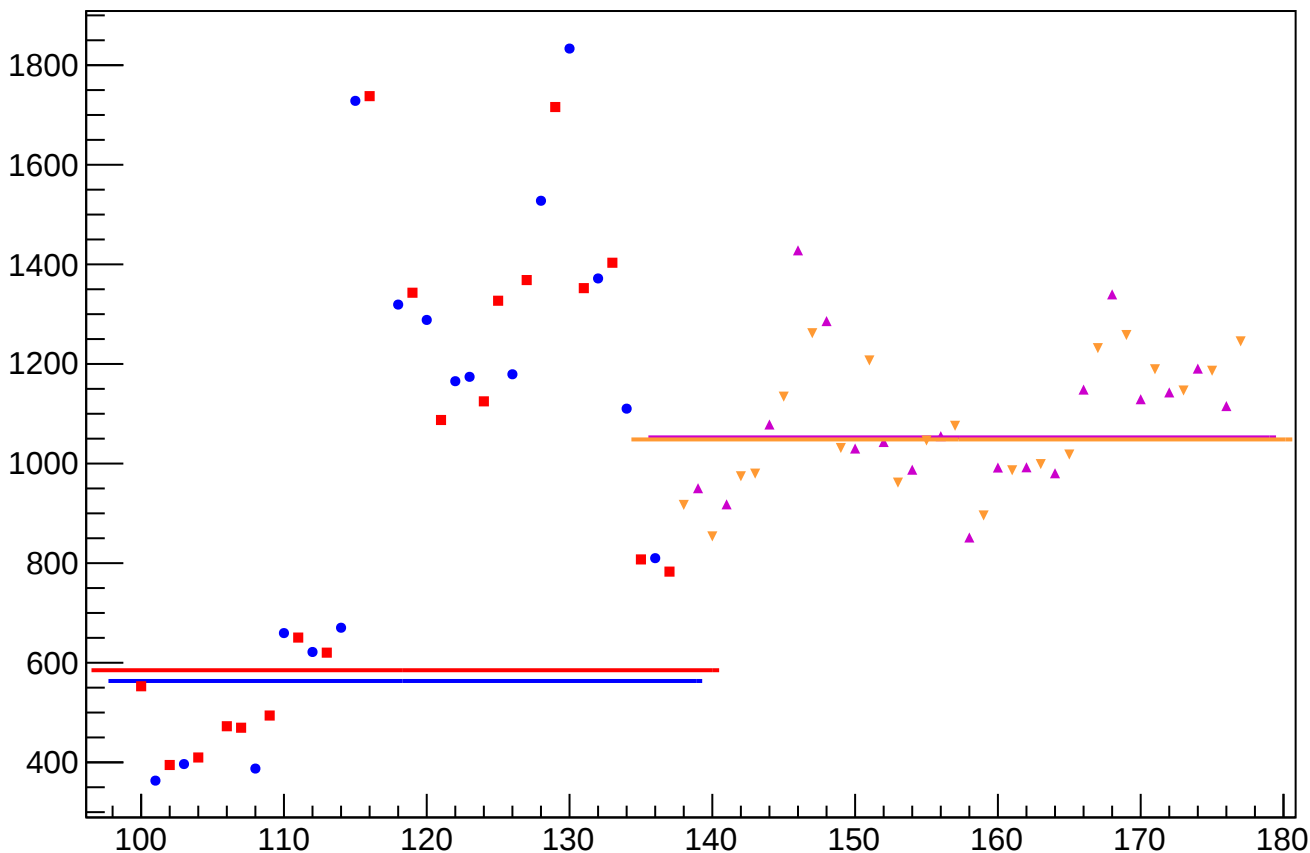
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -36.472 ± 185.110 χ^2/NDF : 50.1/35

Out: -105.087 ± 180.165 χ^2/NDF : 51.7/39

All: -71.708 ± 129.109 χ^2/NDF : 101.9/75

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1048.432+/-0.187 χ^2/NDF : 451113.0/20

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1052.553+/-0.194 χ^2/NDF : 465063.5/18

Left: 1050.414+/-0.135 χ^2/NDF : 916409.6/39

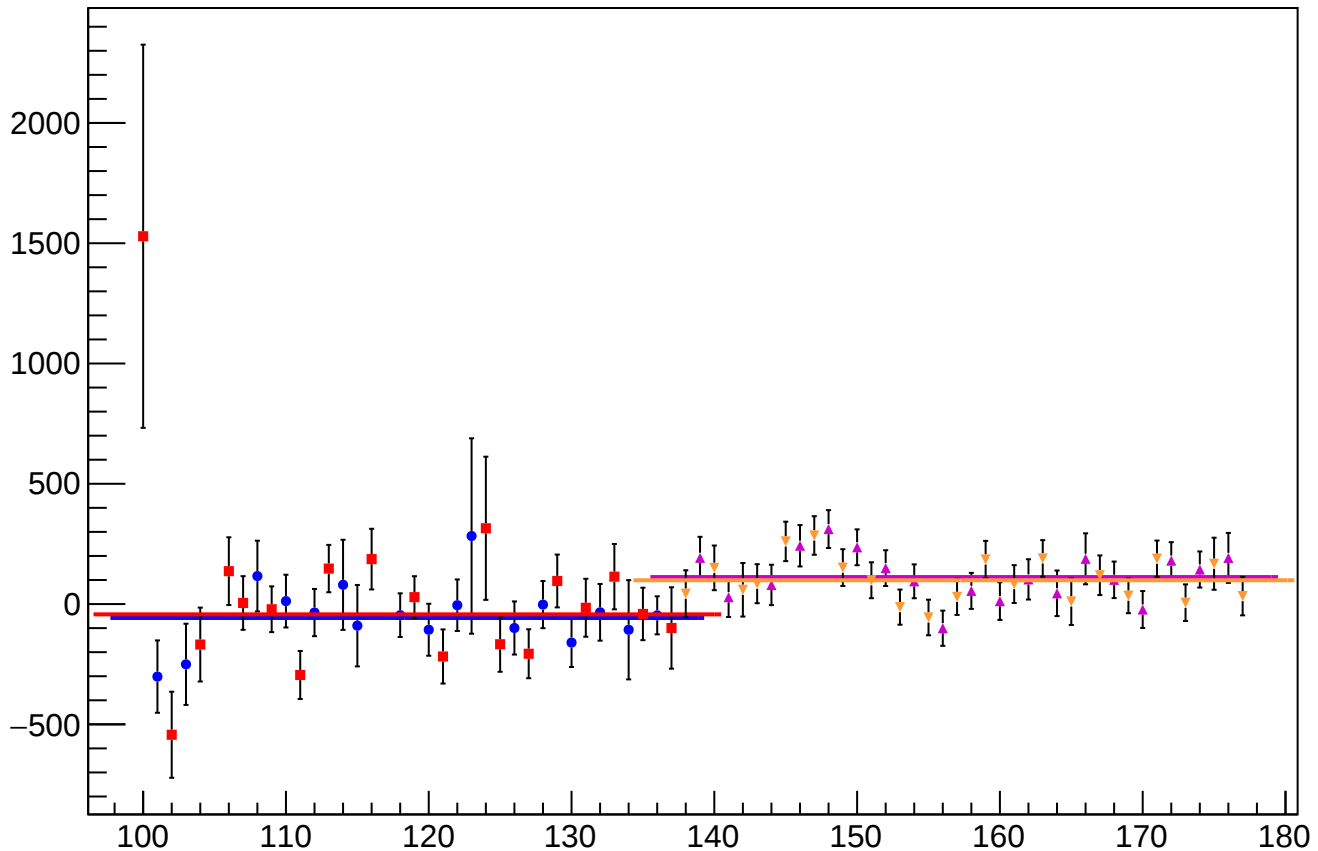
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 785.017+/-0.131 χ^2/NDF : 7184835.2/35

Out: 799.770+/-0.127 χ^2/NDF : 6560582.2/39

All: 792.593+/-0.091 χ^2/NDF : 13751941.2/75

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 98.960 ± 17.702 χ^2/NDF : 26.5/20

Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18

Left In: 112.257 ± 18.461 χ^2/NDF : 30.2/18

Left: 105.330 ± 12.777 χ^2/NDF : 56.9/39

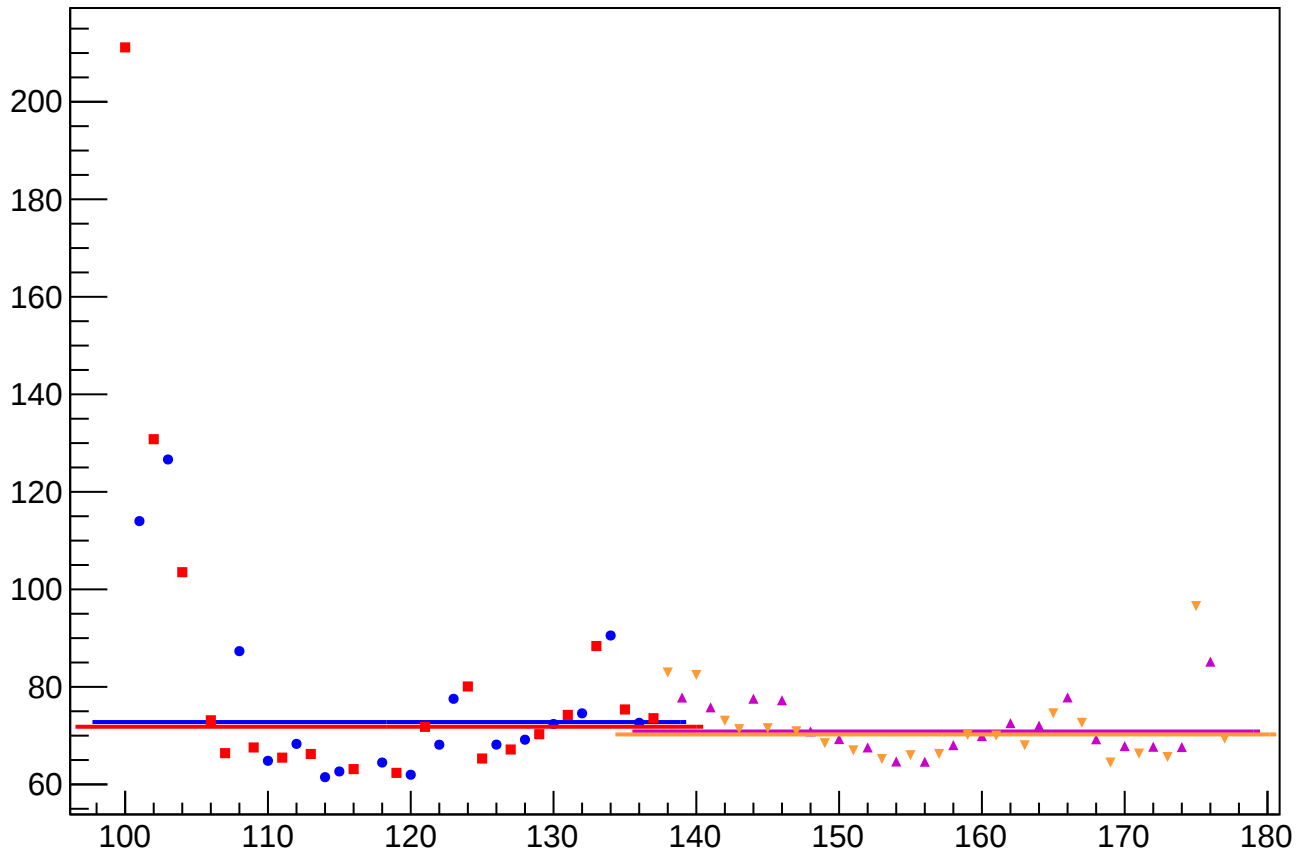
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: 62.498 ± 15.525 χ^2/NDF : 64.1/35

Out: 57.843 ± 14.916 χ^2/NDF : 84.2/39

All: 60.077 ± 10.756 χ^2/NDF : 148.3/75

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: 70.850 $\pm$ 0.013 χ^2 /NDF: 140067.0/18

Left: 70.537 $\pm$ 0.009 χ^2 /NDF: 390208.5/39

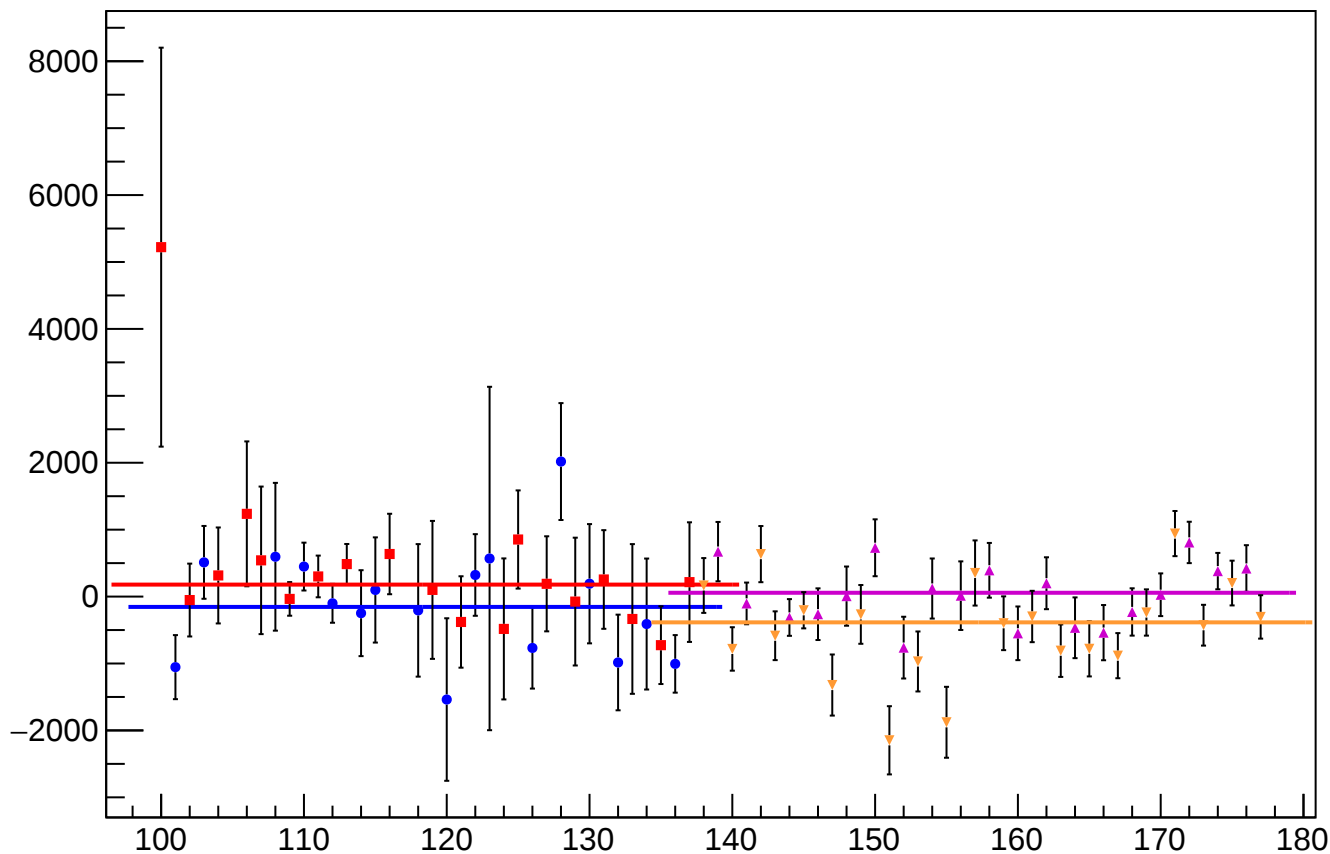
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 71.418 $\pm$ 0.011 χ^2 /NDF: 611307.5/35

Out: 70.706 $\pm$ 0.011 χ^2 /NDF: 719284.7/39

All: 71.047 $\pm$ 0.008 χ^2 /NDF: 1332779.2/75

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: 56.934 ± 84.784 χ^2/NDF : 26.0/18

Left: -172.029 ± 58.867 χ^2/NDF : 101.3/39

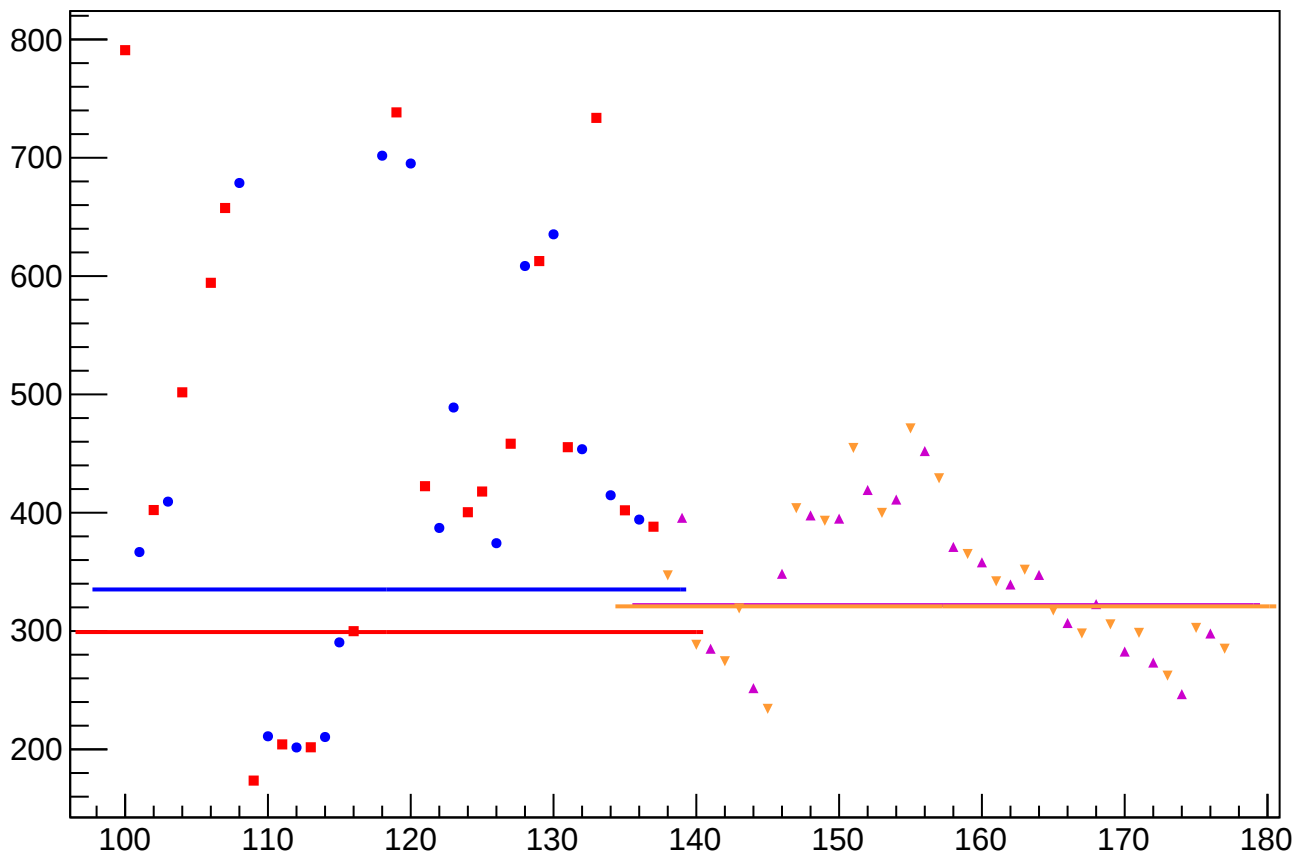
Right: 30.517 ± 93.908 χ^2/NDF : 37.6/35

In: 0.637 ± 72.619 χ^2/NDF : 50.8/35

Out: -218.062 ± 68.625 χ^2/NDF : 86.6/39

All: -114.891 ± 49.877 χ^2/NDF : 142.2/75

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: 321.899+/-0.060 χ^2/NDF : 938959.4/18

Left: 321.359+/-0.042 χ^2/NDF : 1946288.3/39

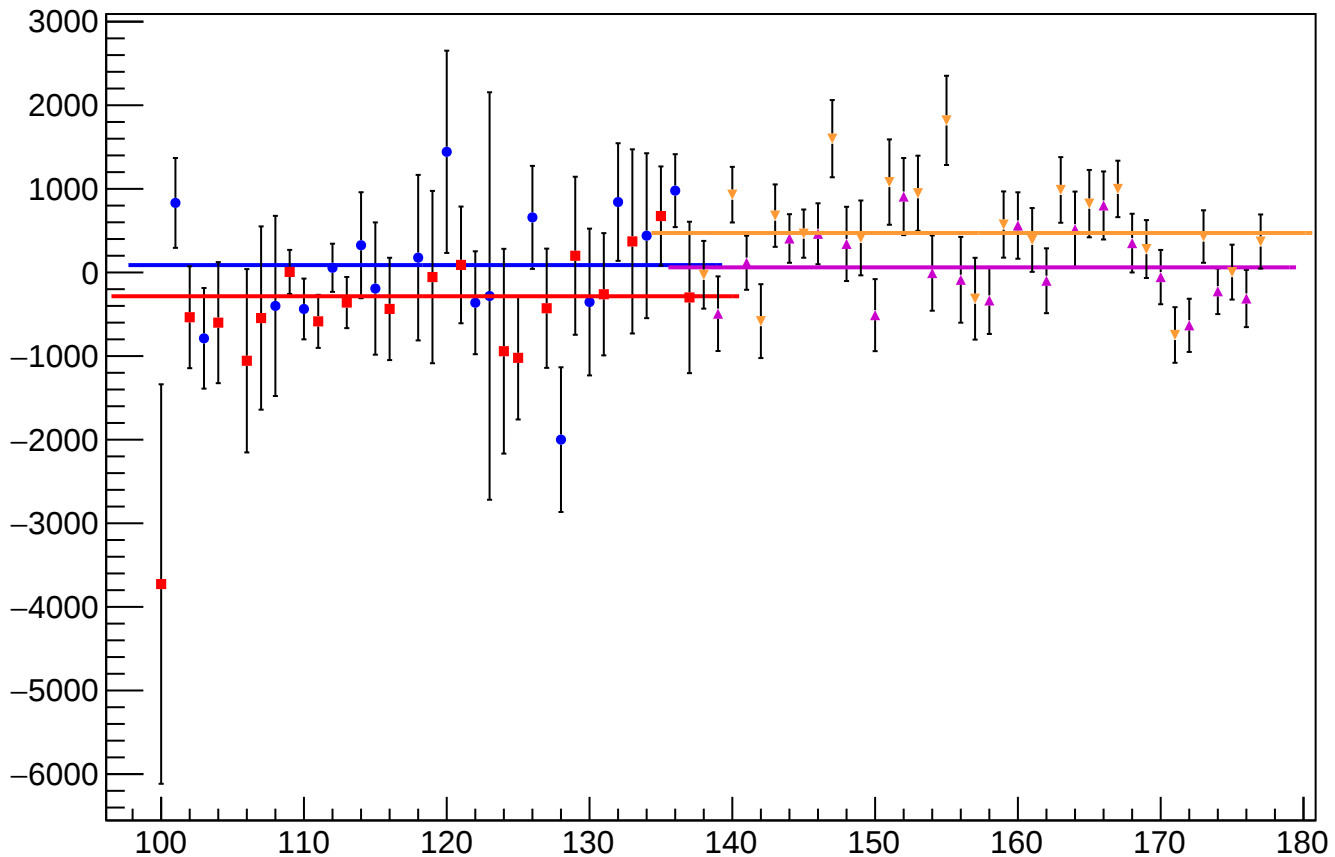
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 325.424+/-0.051 χ^2/NDF : 2945988.0/35

Out: 314.425+/-0.049 χ^2/NDF : 3880031.8/39

All: 319.614+/-0.035 χ^2/NDF : 6850259.6/75

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 472.498 $\pm$ 82.580 χ^2/NDF : 47.8/20

Right Out: -284.510 $\pm$ 129.675 χ^2/NDF : 10.1/18

Left In: 61.176 $\pm$ 85.295 χ^2/NDF : 24.8/18

Left: 273.487 $\pm$ 59.330 χ^2/NDF : 84.6/39

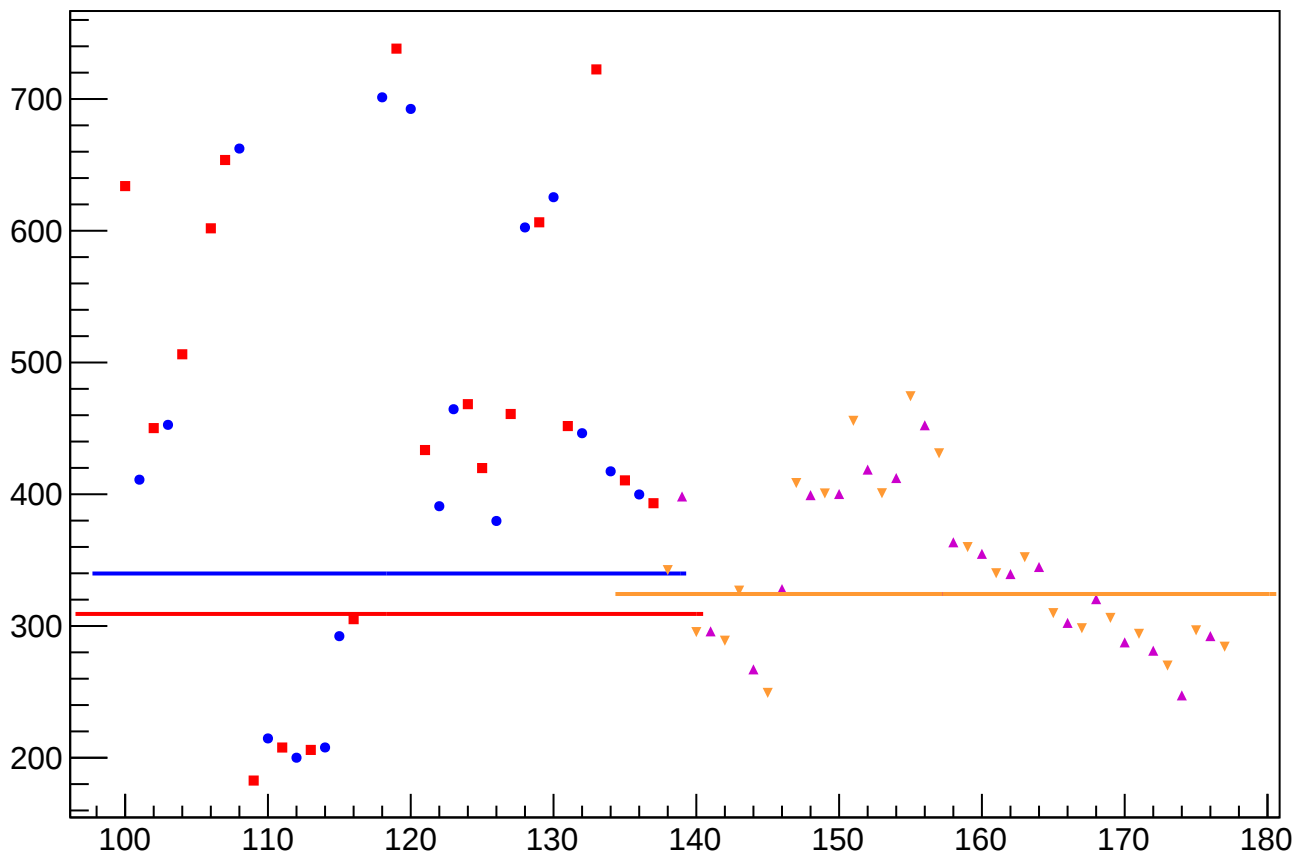
Right: -116.387 $\pm$ 96.066 χ^2/NDF : 34.7/35

In: 68.244 $\pm$ 73.256 χ^2/NDF : 45.6/35

Out: 254.077 $\pm$ 69.655 χ^2/NDF : 82.2/39

All: 165.840 $\pm$ 50.479 χ^2/NDF : 131.2/75

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: 324.304 $\pm$ 0.060 χ^2/NDF : 835177.0/18

Left: 324.297 $\pm$ 0.042 χ^2/NDF : 1742171.8/39

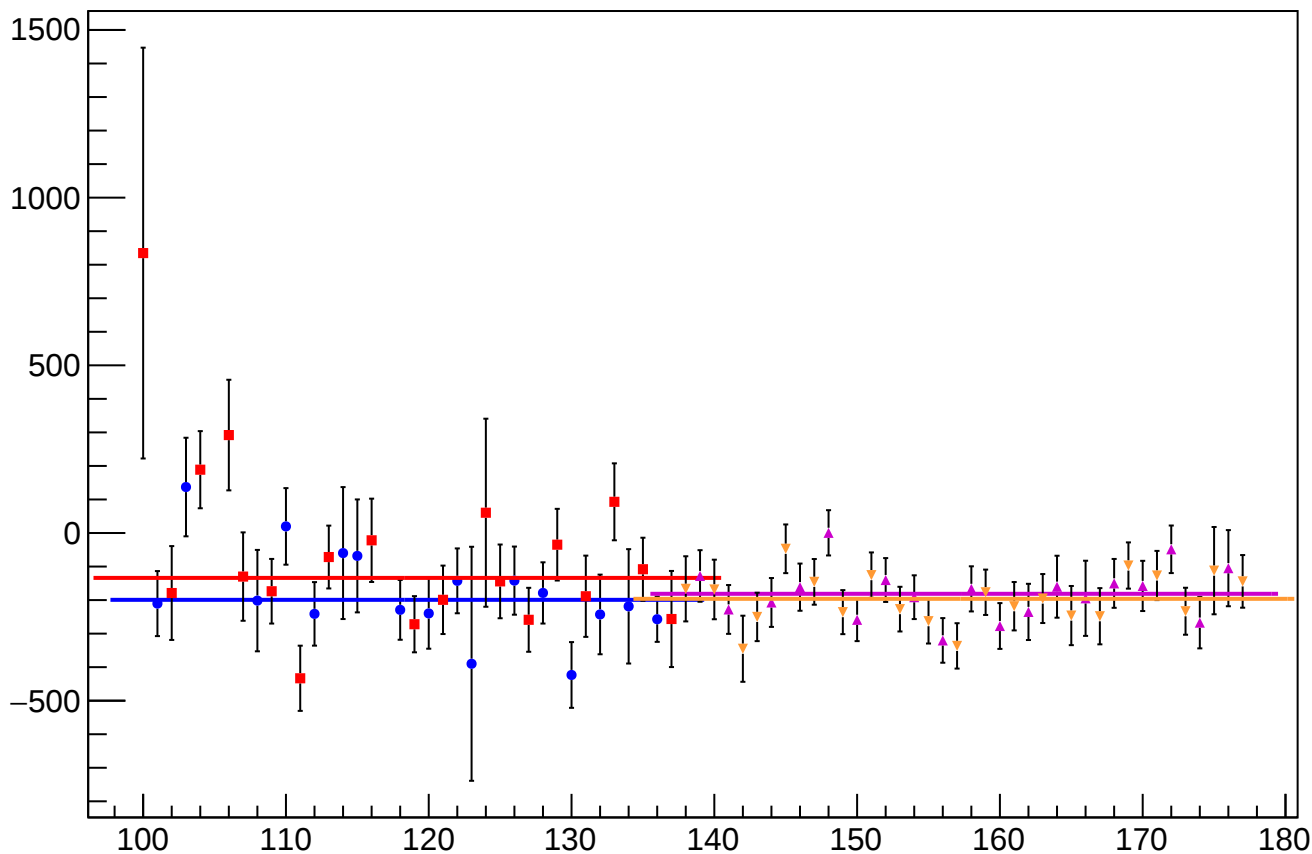
Right: 323.006 $\pm$ 0.068 χ^2/NDF : 4829958.1/35

In: 328.383 $\pm$ 0.052 χ^2/NDF : 2896129.7/35

Out: 319.925 $\pm$ 0.049 χ^2/NDF : 3662259.9/39

All: 323.941 $\pm$ 0.036 χ^2/NDF : 6572391.5/75

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -196.266 $\pm$ 16.345 χ^2/NDF : 19.8/20

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -181.257 $\pm$ 16.908 χ^2/NDF : 22.6/18

Left: -189.016 $\pm$ 11.752 χ^2/NDF : 42.8/39

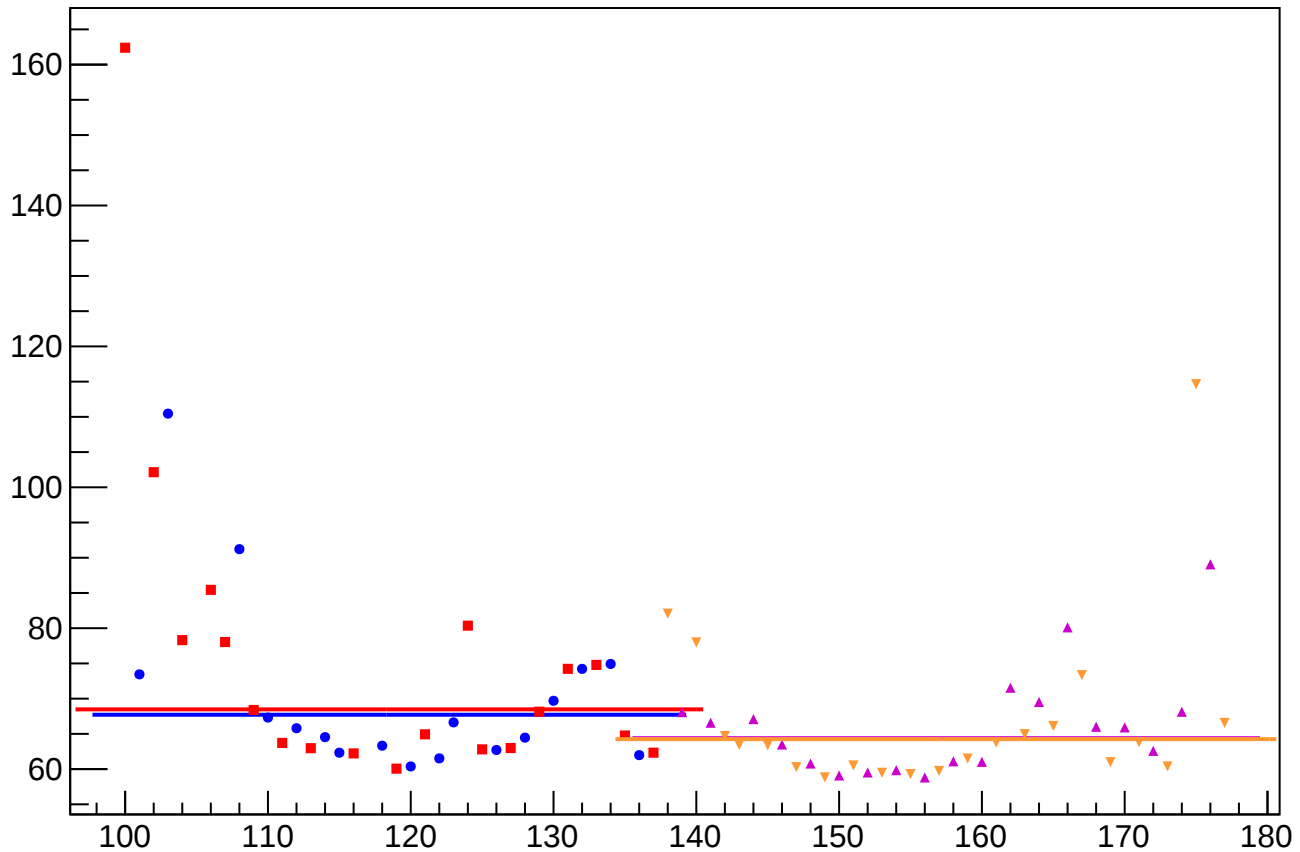
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -186.459 $\pm$ 14.256 χ^2/NDF : 40.6/35

Out: -178.805 $\pm$ 13.872 χ^2/NDF : 63.0/39

All: -182.527 $\pm$ 9.942 χ^2/NDF : 103.7/75

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: 64.390 $\pm$ 0.012 χ^2 /NDF: 236149.1/18

Left: 64.320 $\pm$ 0.008 χ^2 /NDF: 748767.9/39

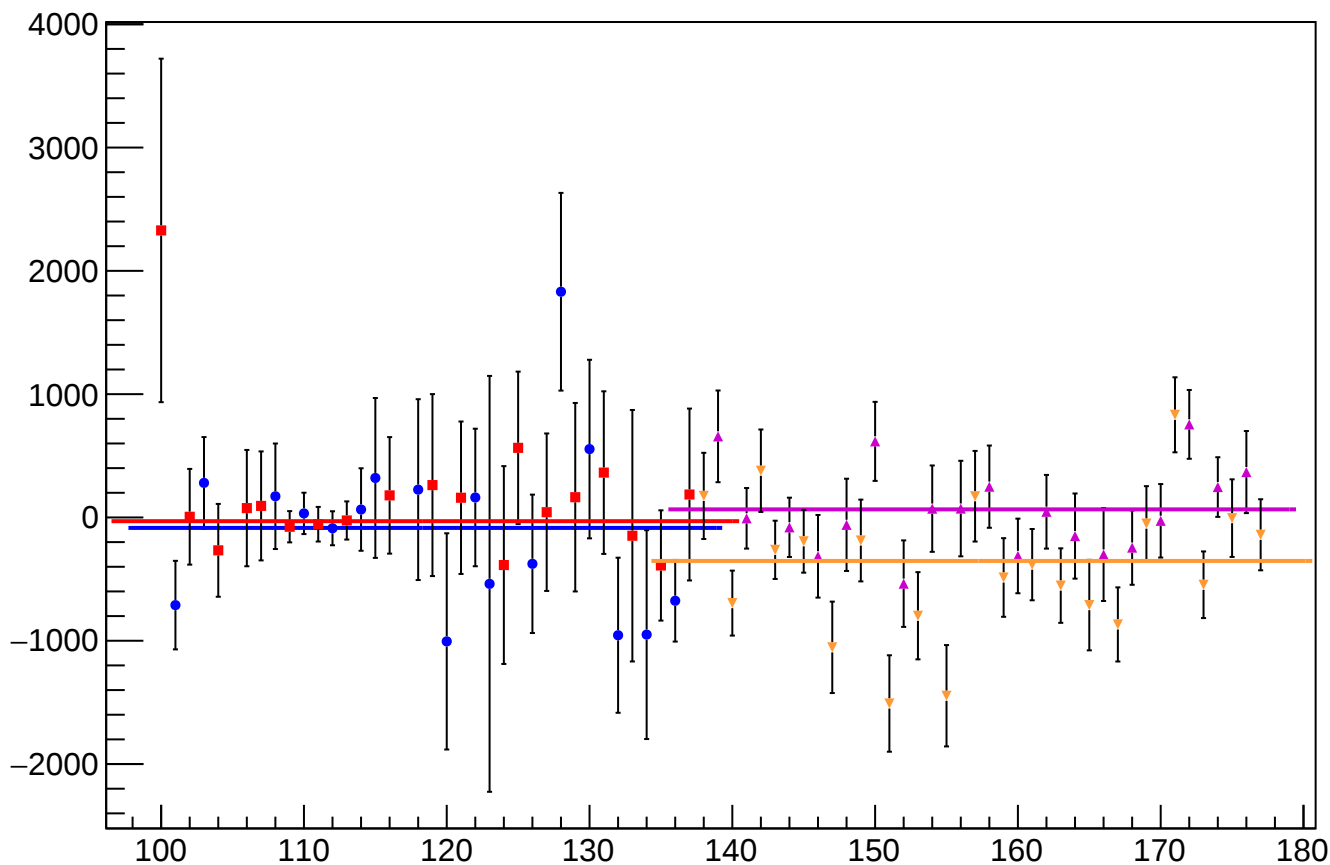
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 65.351 $\pm$ 0.010 χ^2 /NDF: 541404.3/35

Out: 65.437 $\pm$ 0.010 χ^2 /NDF: 831369.7/39

All: 65.396 $\pm$ 0.007 χ^2 /NDF: 1372811.2/75

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -352.651 ± 67.748 χ^2/NDF : 55.5/20

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 65.540 ± 71.142 χ^2/NDF : 22.2/18

Left: -153.768 ± 49.061 χ^2/NDF : 95.8/39

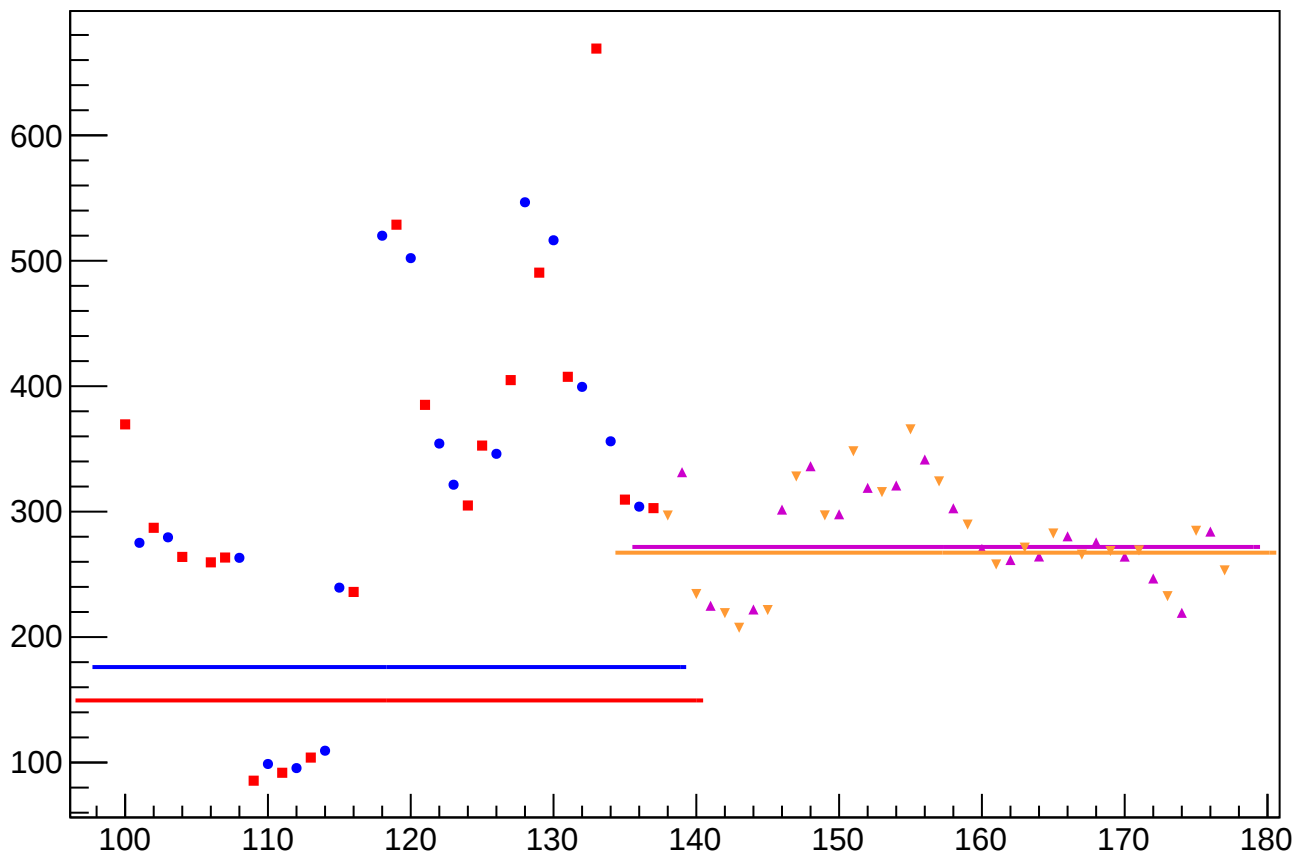
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: 1.590 ± 53.923 χ^2/NDF : 43.9/35

Out: -195.927 ± 48.568 χ^2/NDF : 72.8/39

All: -107.461 ± 36.088 χ^2/NDF : 124.2/75

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 267.282 $\pm$ 0.048 χ^2/NDF : 694904.1/20

Right Out: 149.484 $\pm$ 0.049 χ^2/NDF : 4820971.0/18

Left In: 271.854 $\pm$ 0.050 χ^2/NDF : 574831.3/18

Left: 269.456 $\pm$ 0.035 χ^2/NDF : 1274066.1/39

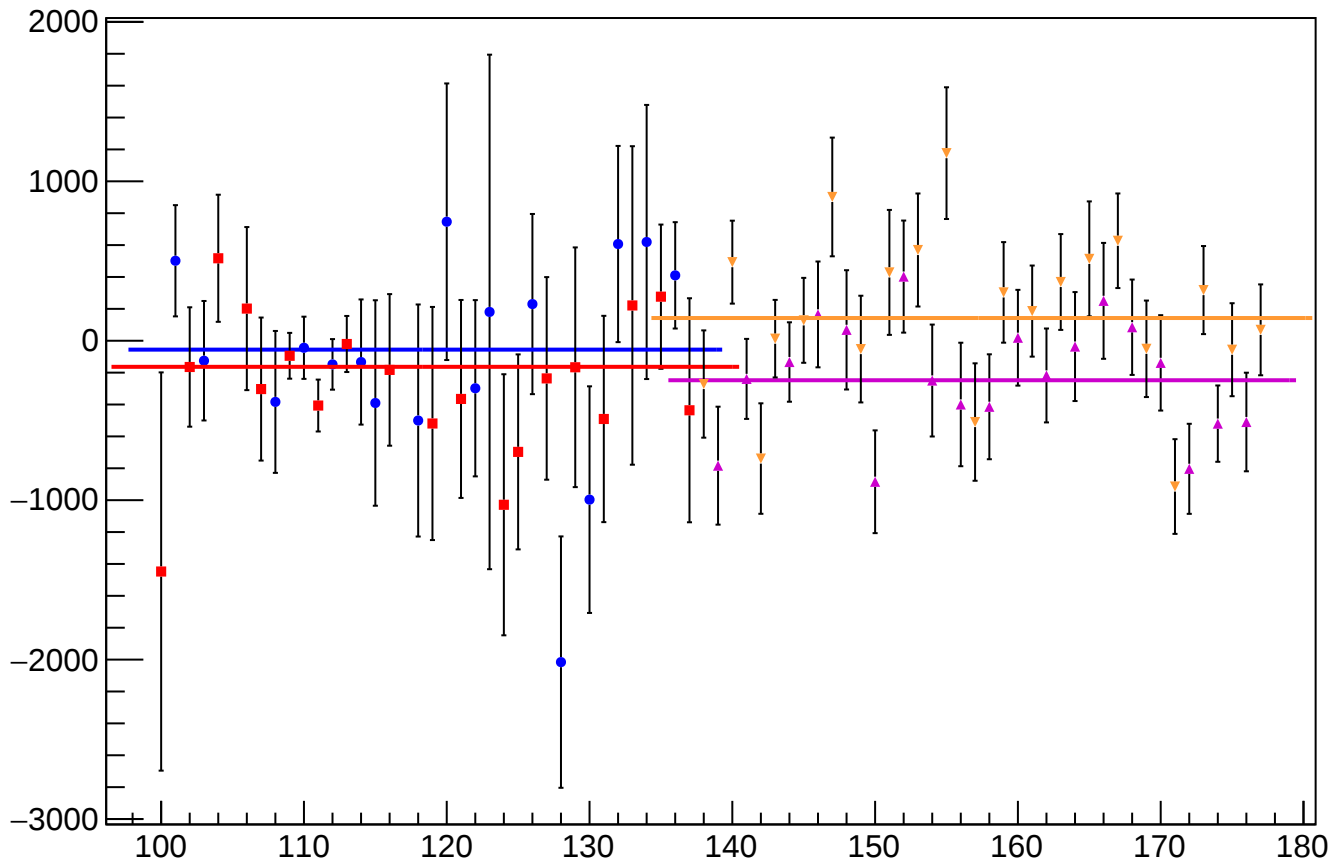
Right: 160.534 $\pm$ 0.038 χ^2/NDF : 9165825.3/35

In: 231.110 $\pm$ 0.038 χ^2/NDF : 6340209.2/35

Out: 210.024 $\pm$ 0.034 χ^2/NDF : 8454980.3/39

All: 219.468 $\pm$ 0.026 χ^2/NDF : 14964041.8/75

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 142.533 ± 67.626 $\chi^2/\text{NDF}: 44.6/20$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -247.757 ± 70.921 $\chi^2/\text{NDF}: 22.6/18$

Left: -43.337 ± 48.942 $\chi^2/\text{NDF}: 83.0/39$

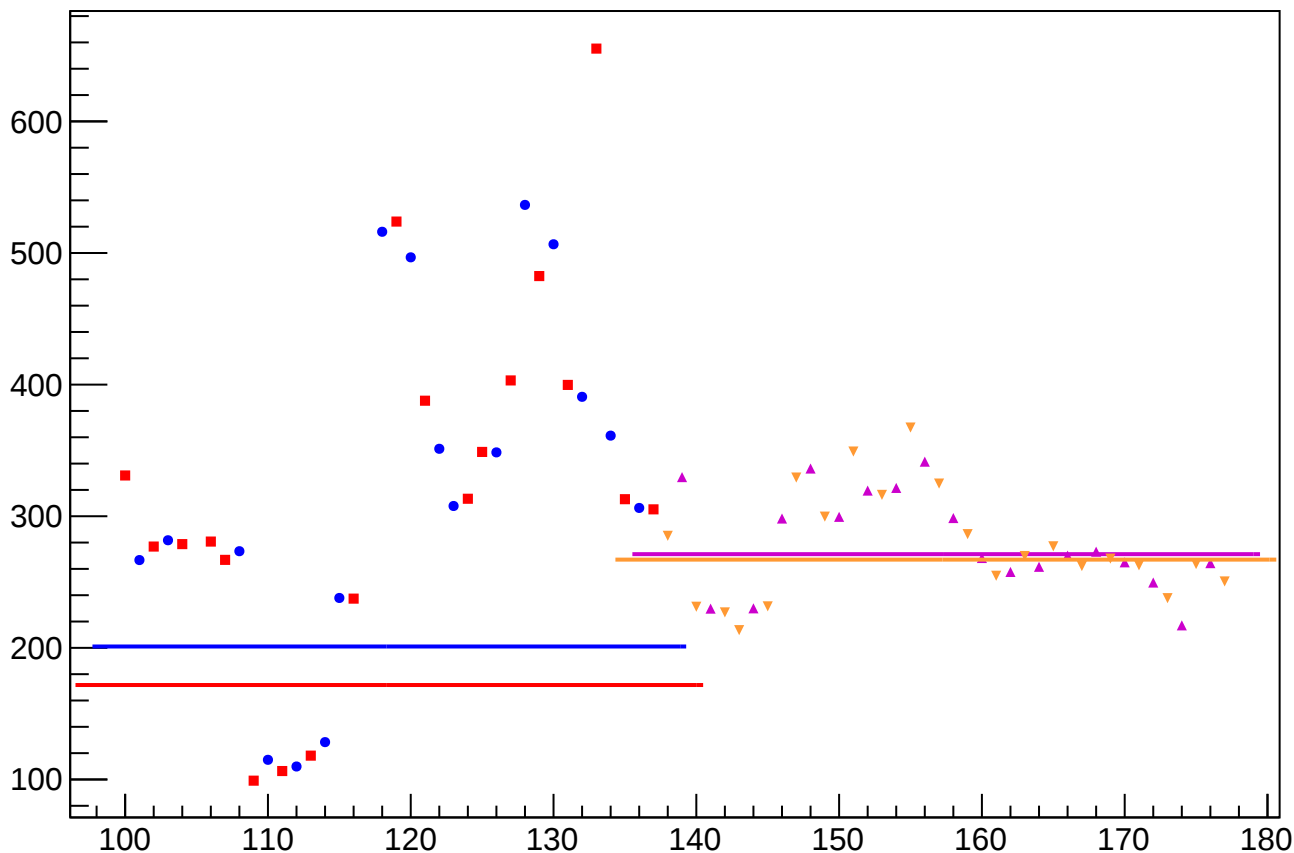
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -174.767 ± 55.839 $\chi^2/\text{NDF}: 42.5/35$

Out: 9.095 ± 50.790 $\chi^2/\text{NDF}: 64.9/39$

All: -74.150 ± 37.573 $\chi^2/\text{NDF}: 113.4/75$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 267.041 $\pm$ 0.048 χ^2 /NDF: 615333.1/20

Right Out: 171.765 $\pm$ 0.054 χ^2 /NDF: 4098218.1/18

Left In: 271.191 $\pm$ 0.050 χ^2 /NDF: 528752.7/18

Left: 269.018 $\pm$ 0.035 χ^2 /NDF: 1147672.5/39

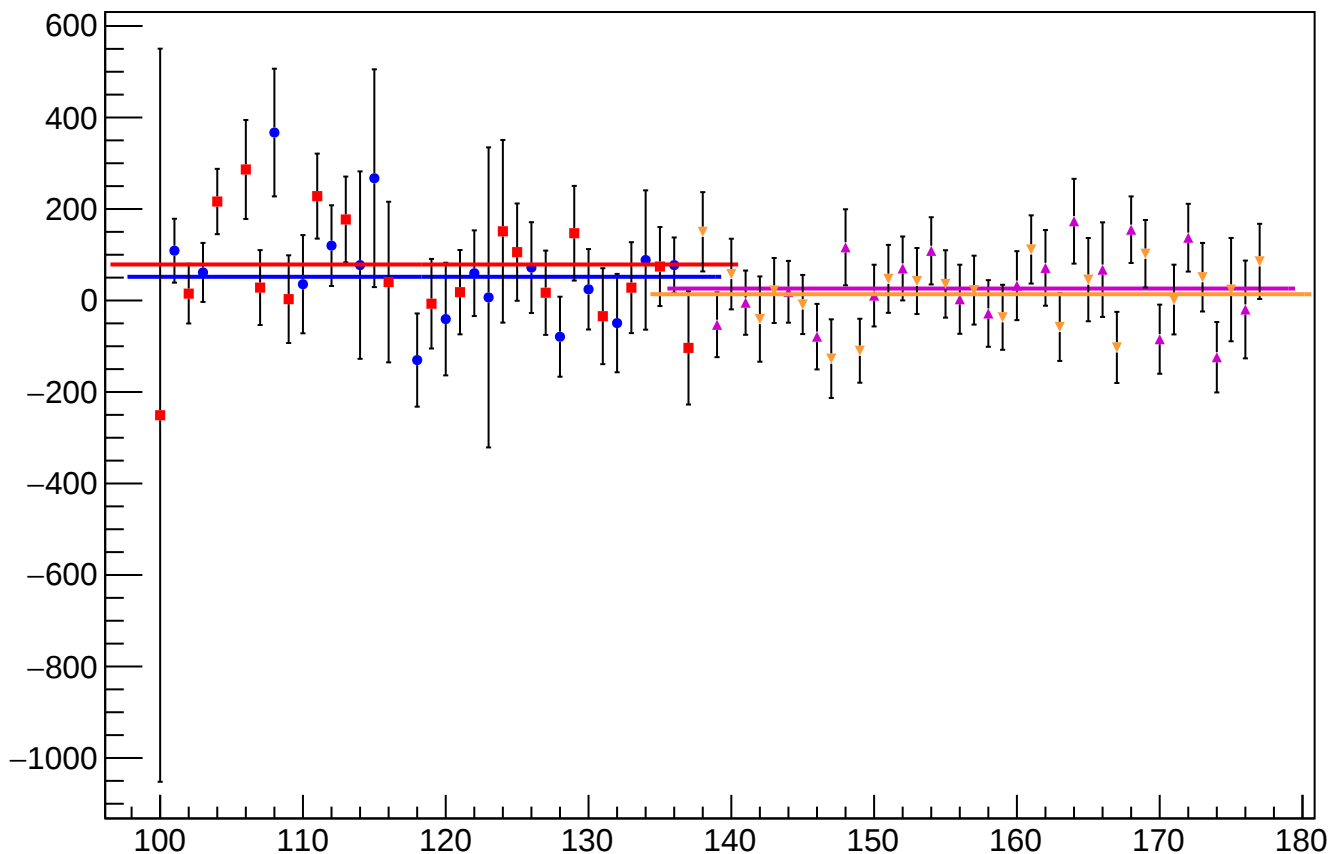
Right: 184.032 $\pm$ 0.041 χ^2 /NDF: 7652597.2/35

In: 244.526 $\pm$ 0.039 χ^2 /NDF: 4705629.8/35

Out: 225.508 $\pm$ 0.036 χ^2 /NDF: 6444108.0/39

All: 234.118 $\pm$ 0.027 χ^2 /NDF: 11276704.6/75

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: 26.110 $\pm$ 17.487 χ^2 /NDF:21.7/18

Left: 19.694 $\pm$ 12.124 χ^2 /NDF: 39.5/39

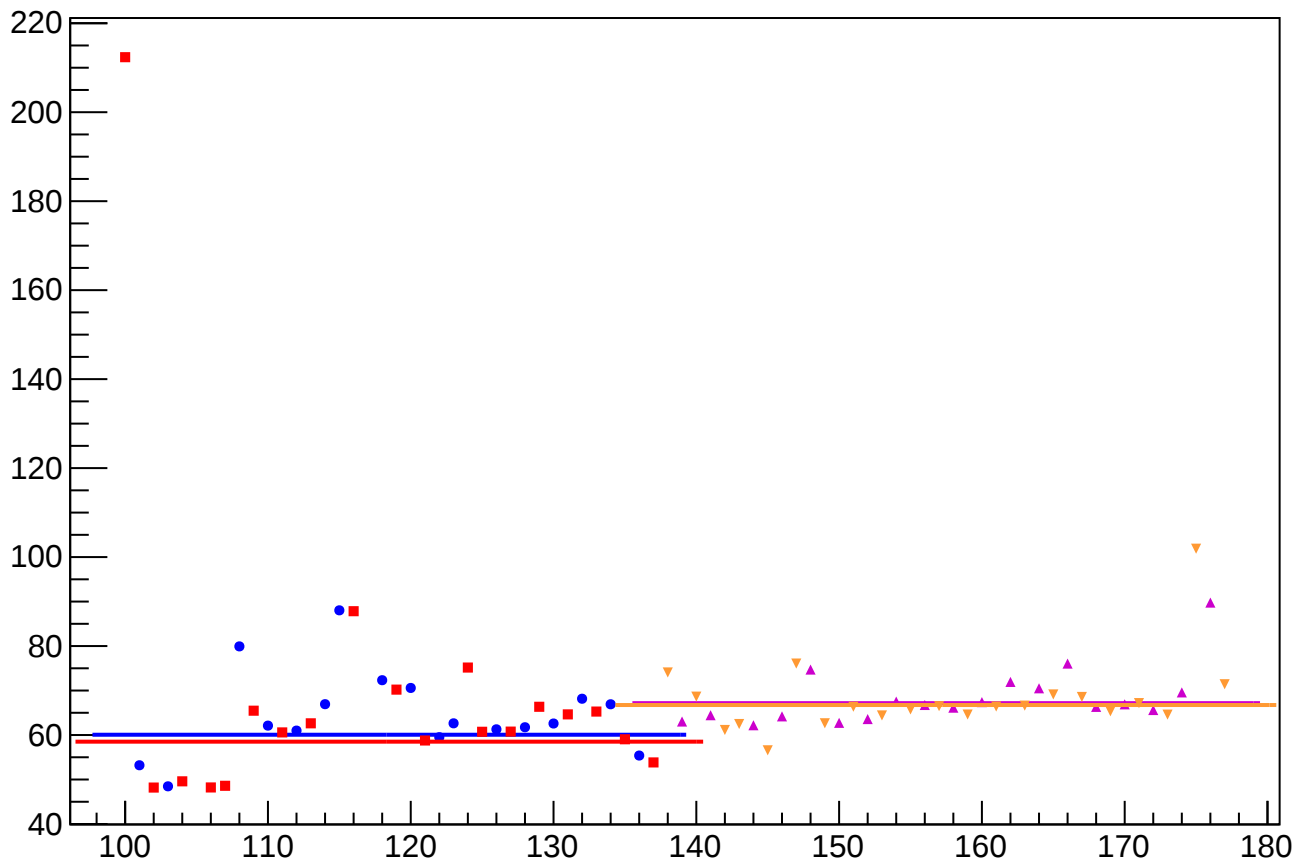
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 35.246 $\pm$ 14.037 χ^2 /NDF:37.0/35

Out: 37.075 $\pm$ 13.472 χ^2 /NDF:42.1/39

All: 36.198 $\pm$ 9.720 χ^2 /NDF: 79.0/75

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 66.744 $\pm$ 0.012 χ^2 /NDF:319253.7/20

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 67.167 $\pm$ 0.012 χ^2 /NDF:171609.4/18

Left: 66.947 $\pm$ 0.009 χ^2 /NDF: 491470.7/39

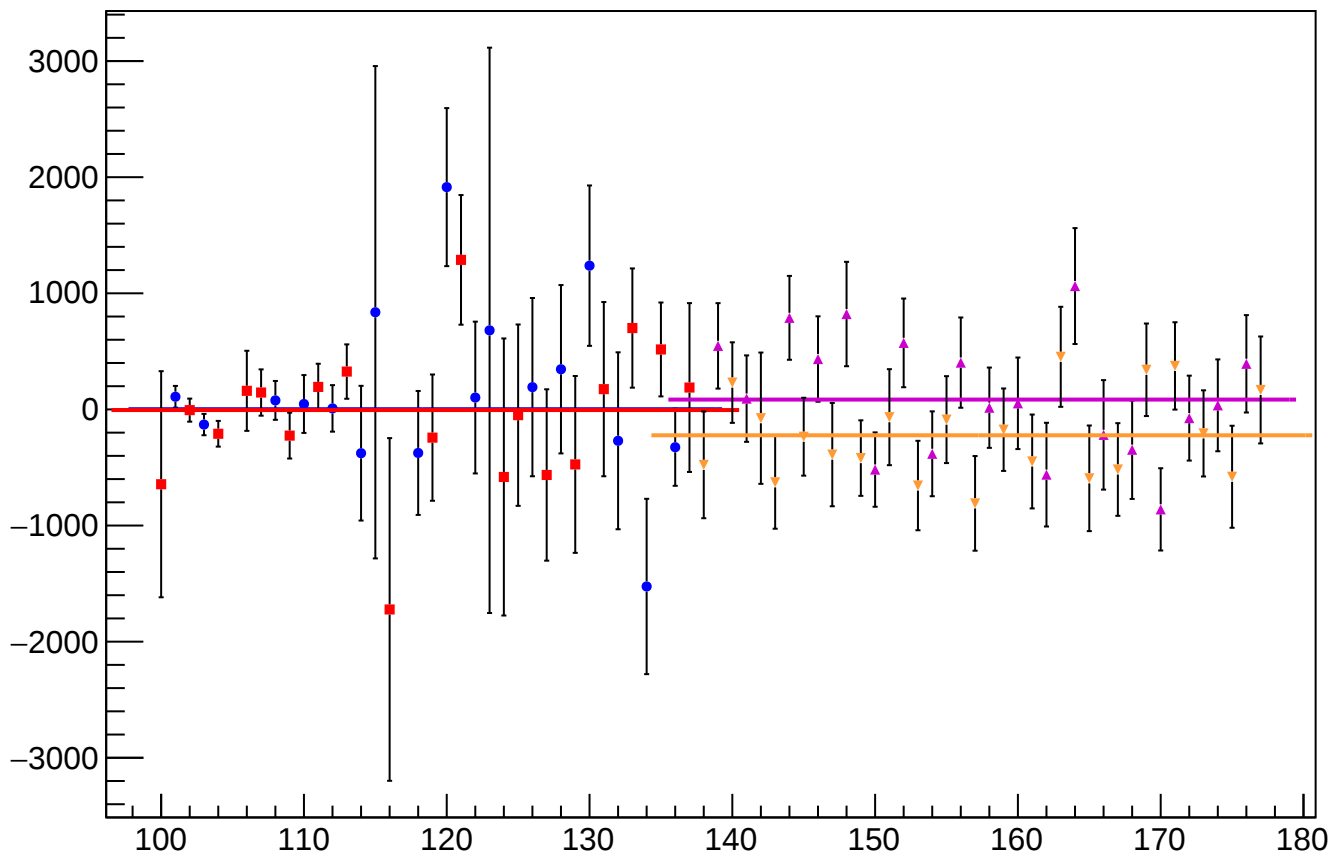
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 64.641 $\pm$ 0.010 χ^2 /NDF:518017.0/35

Out: 63.789 $\pm$ 0.010 χ^2 /NDF:840037.0/39

All: 64.198 $\pm$ 0.007 χ^2 /NDF: 1361893.2/75

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 $\pm$ 54.284 χ^2 /NDF: 21.4/16

Left Out: -222.669 $\pm$ 86.820 χ^2 /NDF:17.1/20

Right Out: -5.402 $\pm$ 56.516 χ^2 /NDF: 20.7/18

Left In: 84.770 $\pm$ 88.827 χ^2 /NDF:31.7/18

Left: -72.463 $\pm$ 62.088 χ^2 /NDF: 55.0/39

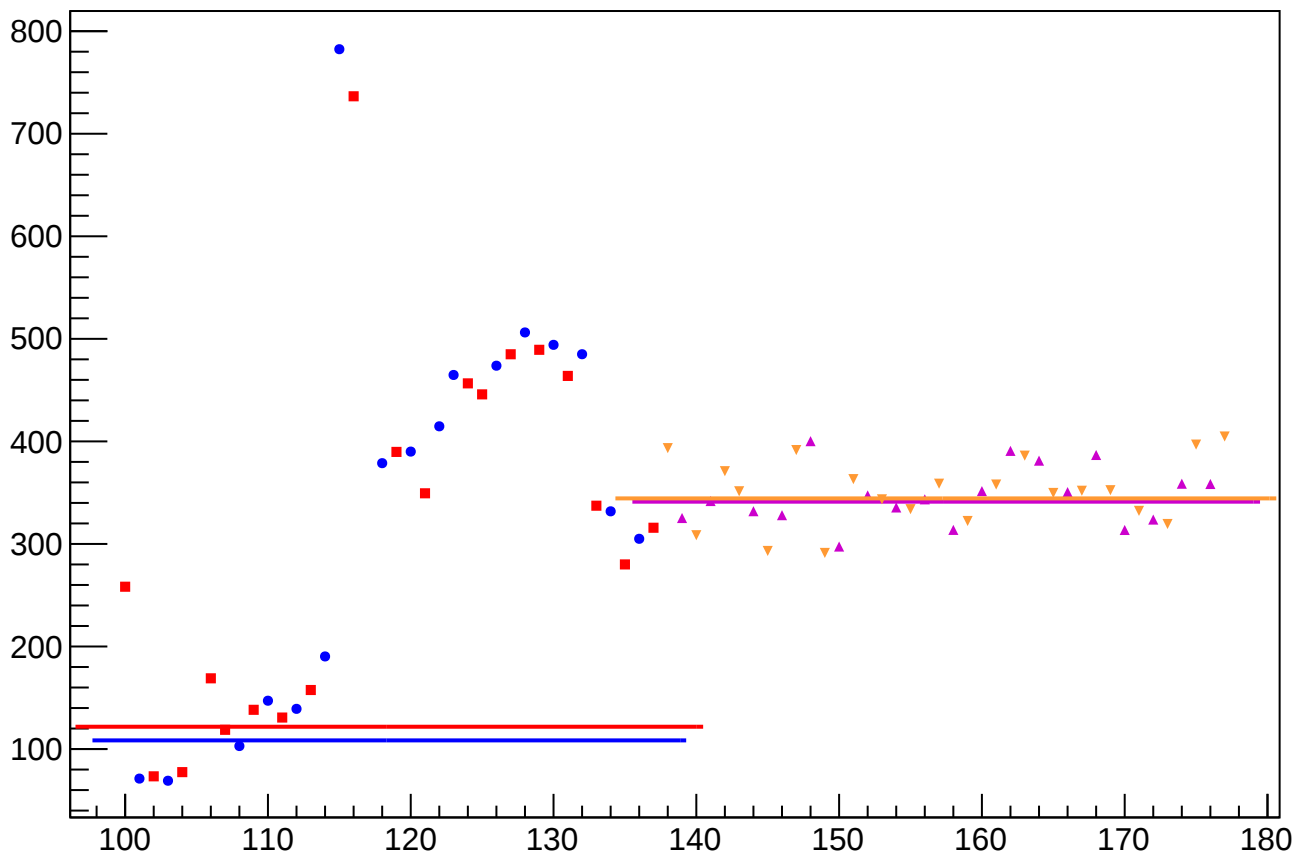
Right: -1.770 $\pm$ 39.150 χ^2 /NDF: 42.1/35

In: 24.201 $\pm$ 46.319 χ^2 /NDF:53.8/35

Out: -70.067 $\pm$ 47.365 χ^2 /NDF:42.2/39

All: -21.881 $\pm$ 33.116 χ^2 /NDF: 98.0/75

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: 341.214 $\pm$ 0.063 χ^2/NDF : 179831.8/18

Left: 342.851 $\pm$ 0.044 χ^2/NDF : 465607.5/39

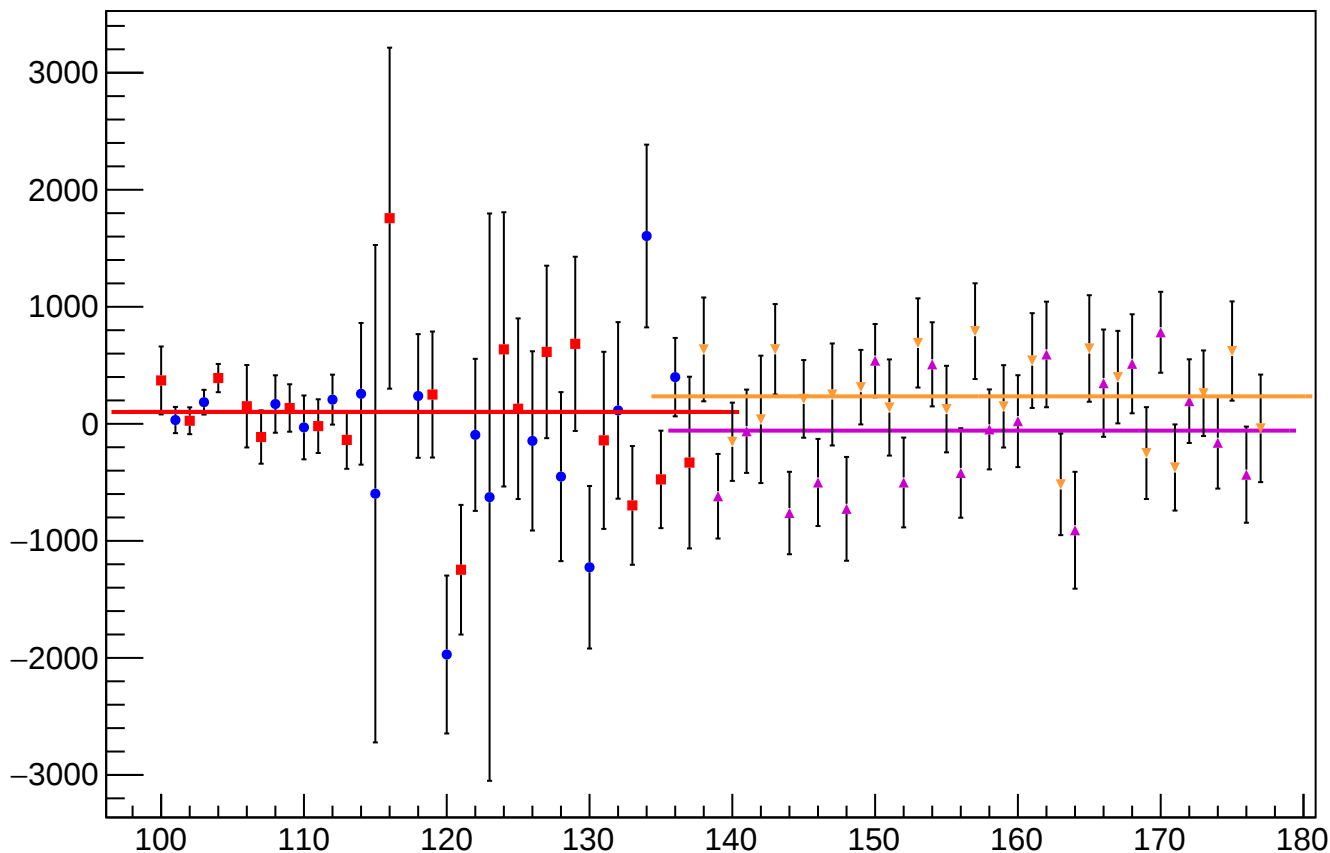
Right: 114.837 $\pm$ 0.028 χ^2/NDF : 10232914.9/35

In: 171.739 $\pm$ 0.033 χ^2/NDF : 15583314.9/35

Out: 188.032 $\pm$ 0.033 χ^2/NDF : 14294123.6/39

All: 179.704 $\pm$ 0.023 χ^2/NDF : 29998408.5/75

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: -57.891 $\pm$ 87.553 χ^2 /NDF:33.4/18

Left: 91.931 $\pm$ 61.174 χ^2 /NDF: 56.0/39

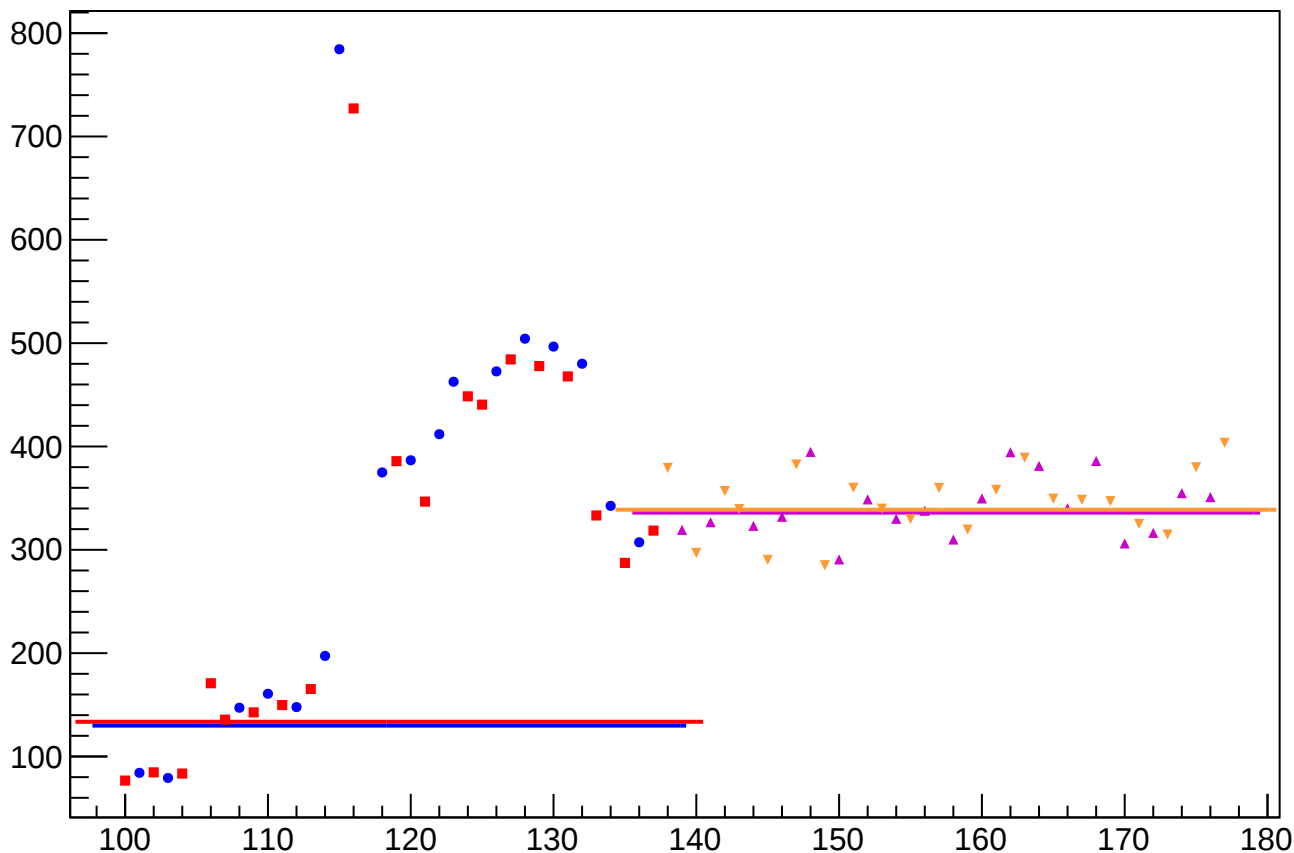
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 47.455 $\pm$ 51.205 χ^2 /NDF:55.9/35

Out: 146.153 $\pm$ 49.576 χ^2 /NDF:41.2/39

All: 98.400 $\pm$ 35.617 χ^2 /NDF: 99.0/75

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: 336.006 $\pm$ 0.062 χ^2 /NDF: 208673.4/18

Left: 337.441 $\pm$ 0.043 χ^2 /NDF: 502180.8/39

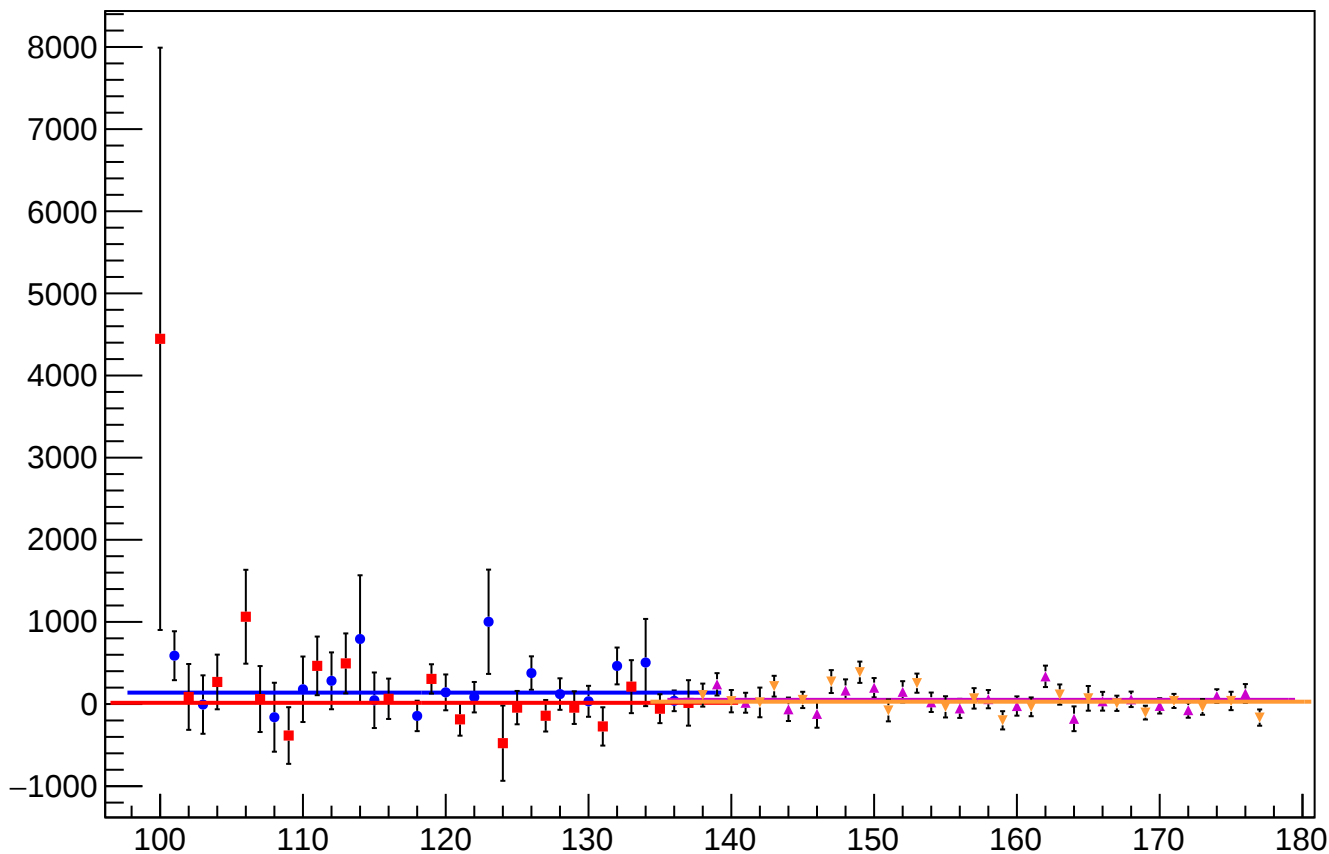
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 200.388 $\pm$ 0.036 χ^2 /NDF: 12331638.6/35

Out: 202.582 $\pm$ 0.035 χ^2 /NDF: 12302446.4/39

All: 201.521 $\pm$ 0.025 χ^2 /NDF: 24635981.0/75

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 28.580 $\pm$ 24.848 χ^2 /NDF:30.0/20

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 51.012 $\pm$ 26.404 χ^2 /NDF:18.2/18

Left: 39.116 $\pm$ 18.095 χ^2 /NDF: 48.5/39

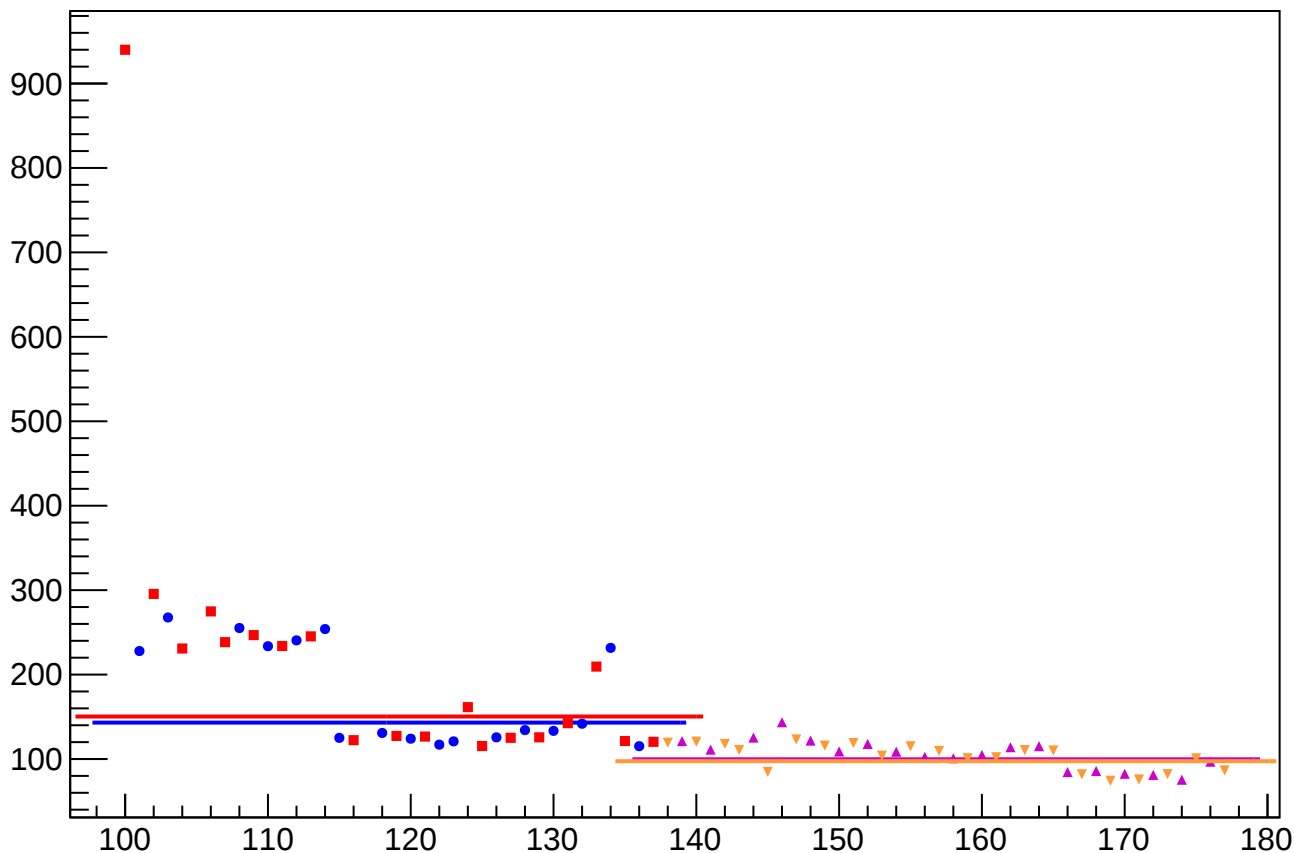
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 66.141 $\pm$ 24.030 χ^2 /NDF:33.2/35

Out: 26.586 $\pm$ 22.964 χ^2 /NDF:48.0/39

All: 45.467 $\pm$ 16.602 χ^2 /NDF: 82.6/75

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: 99.692 $\pm$ 0.019 χ^2 /NDF: 830156.1/18

Left: 98.488 $\pm$ 0.013 χ^2 /NDF: 1704936.1/39

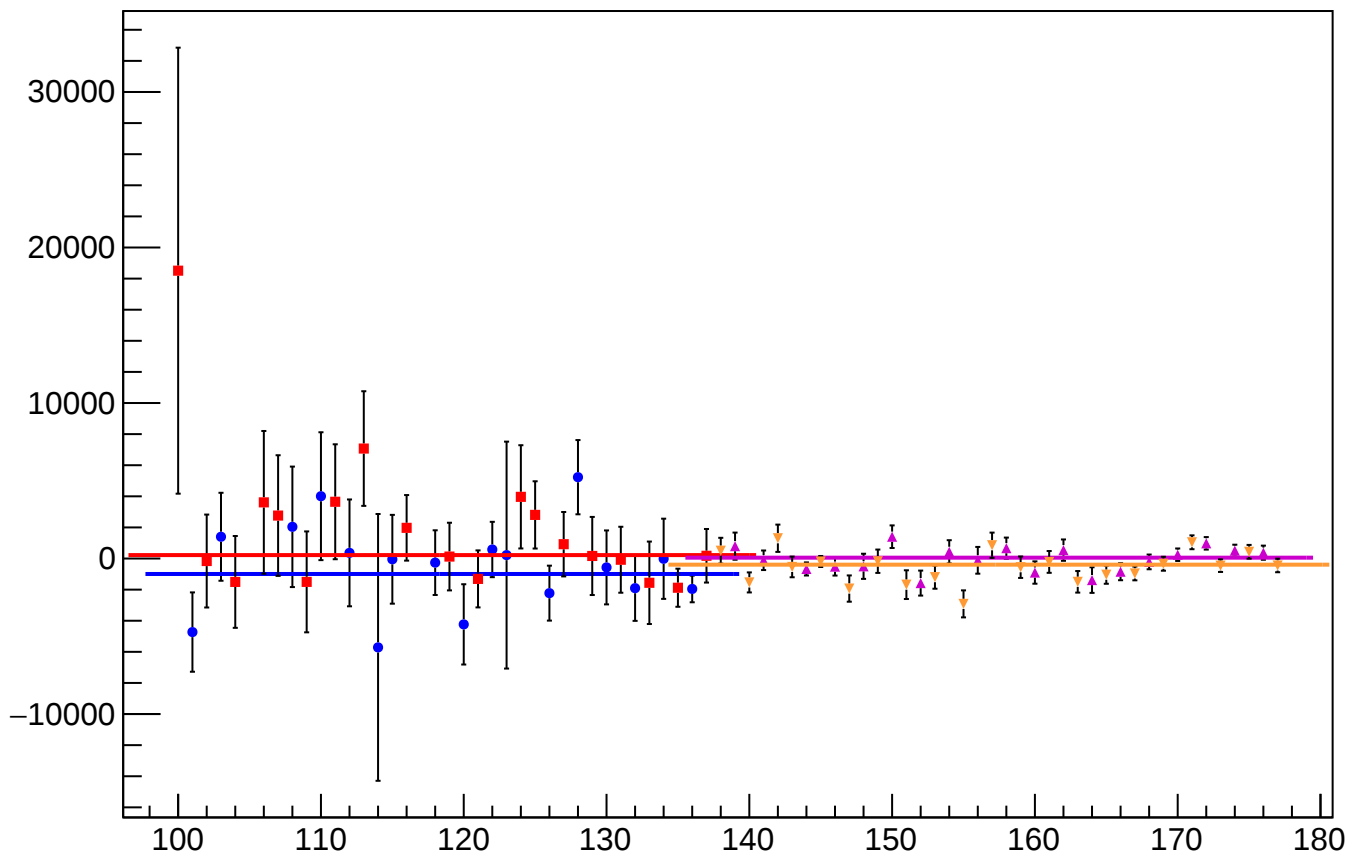
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 107.154 $\pm$ 0.017 χ^2 /NDF: 2861555.0/35

Out: 105.142 $\pm$ 0.016 χ^2 /NDF: 3622334.4/39

All: 106.102 $\pm$ 0.012 χ^2 /NDF: 6491220.7/75

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: 55.159+/-128.873 χ^2/NDF : 29.7/18

Left: -178.769+/-89.314 χ^2/NDF : 81.2/39

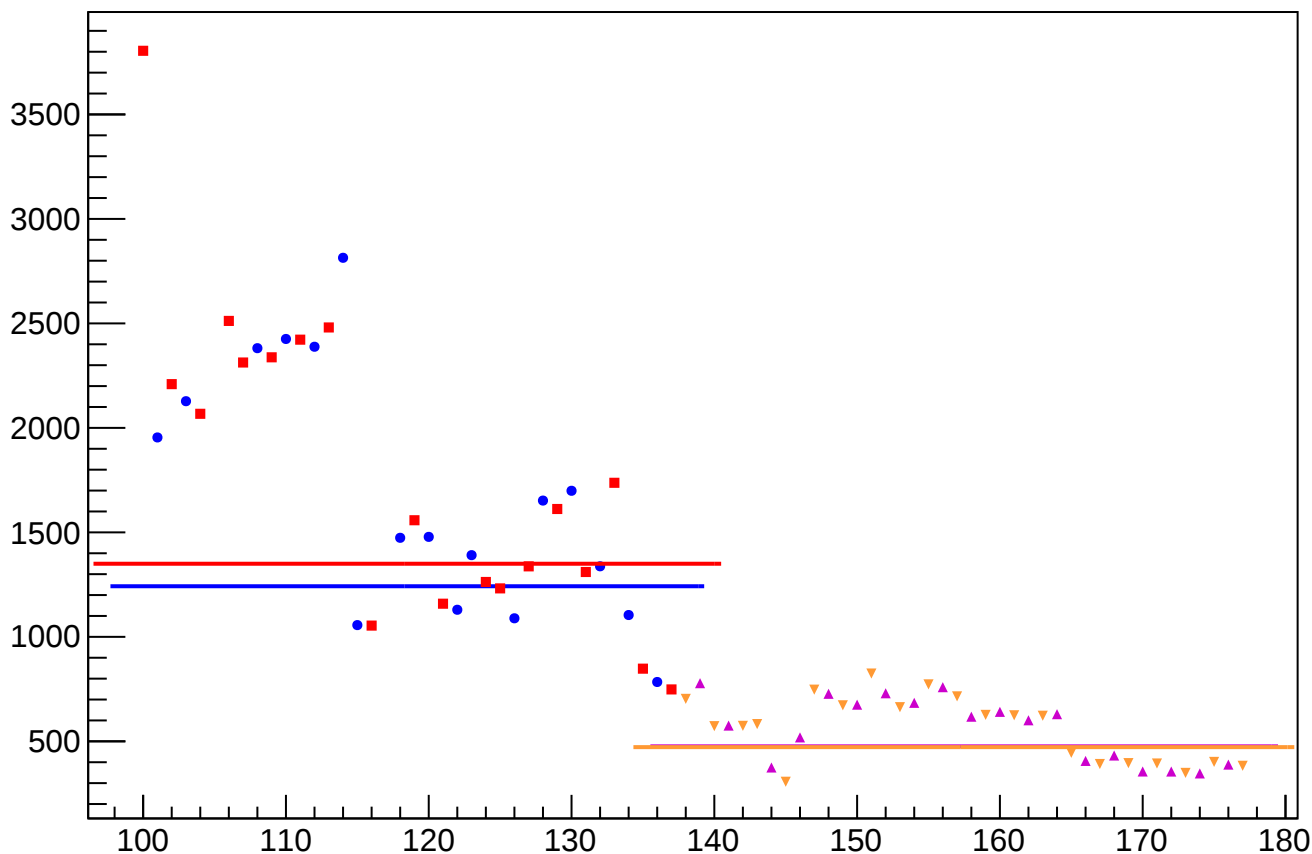
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -6.325+/-125.039 χ^2/NDF : 50.5/35

Out: -364.513+/-120.793 χ^2/NDF : 61.6/39

All: -191.605+/-86.876 χ^2/NDF : 116.4/75

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 472.223 $\pm$ 0.088 χ^2 /NDF: 2719423.9/20

Right Out: 1349.870 $\pm$ 0.384 χ^2 /NDF: 1867853.5/18

Left In: 476.093 $\pm$ 0.091 χ^2 /NDF: 2374357.0/18

Left: 474.082 $\pm$ 0.063 χ^2 /NDF: 5094718.1/39

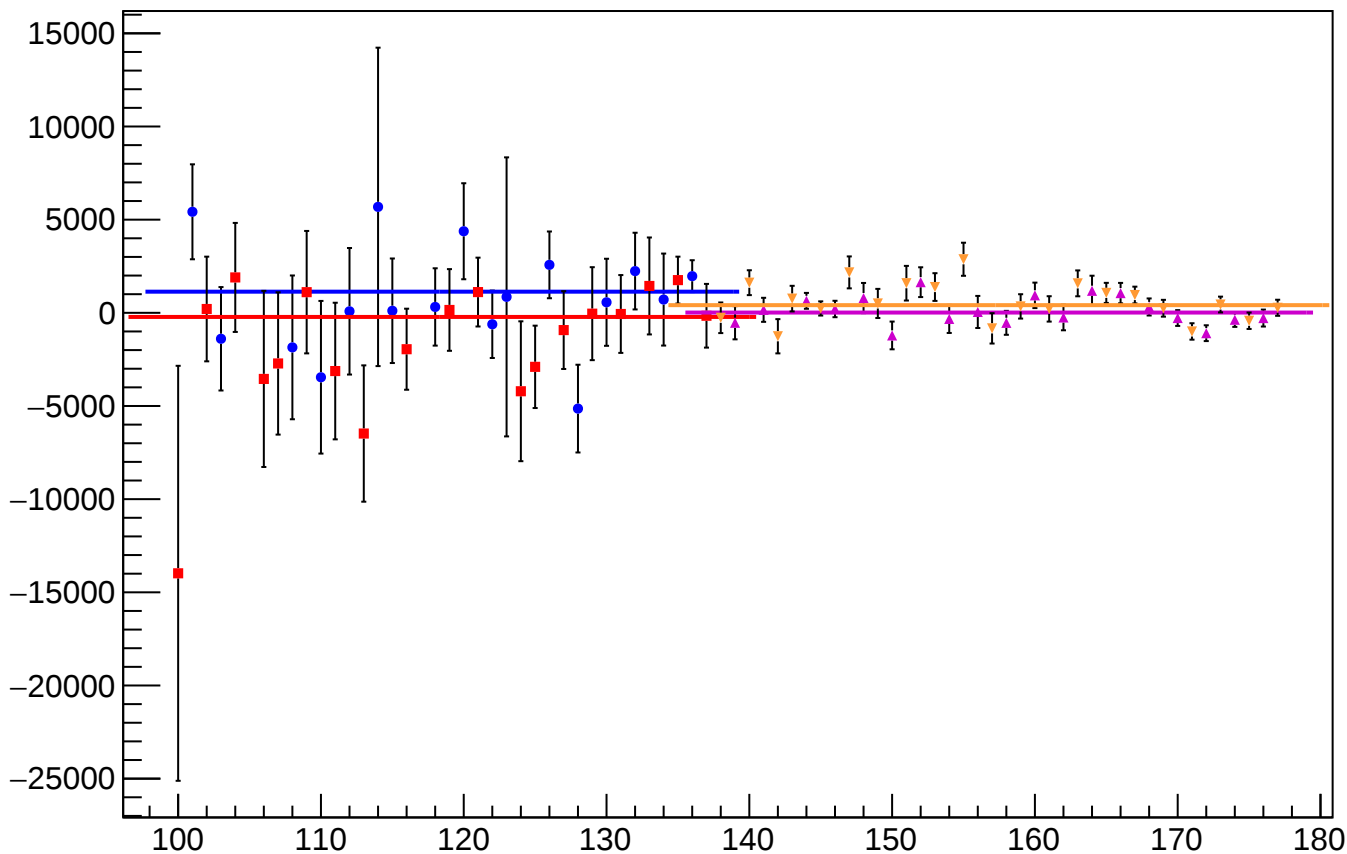
Right: 1293.283 $\pm$ 0.265 χ^2 /NDF: 3676549.5/35

In: 520.997 $\pm$ 0.088 χ^2 /NDF: 8284307.4/35

Out: 515.586 $\pm$ 0.085 χ^2 /NDF: 9546066.4/39

All: 518.198 $\pm$ 0.061 χ^2 /NDF: 17832311.6/75

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 411.737 $\pm$ 125.192 χ^2 /NDF:45.3/20

Right Out: -220.849 $\pm$ 547.528 χ^2 /NDF: 13.5/18

Left In: 14.560 $\pm$ 127.615 χ^2 /NDF:28.4/18

Left: 216.954 $\pm$ 89.369 χ^2 /NDF: 78.6/39

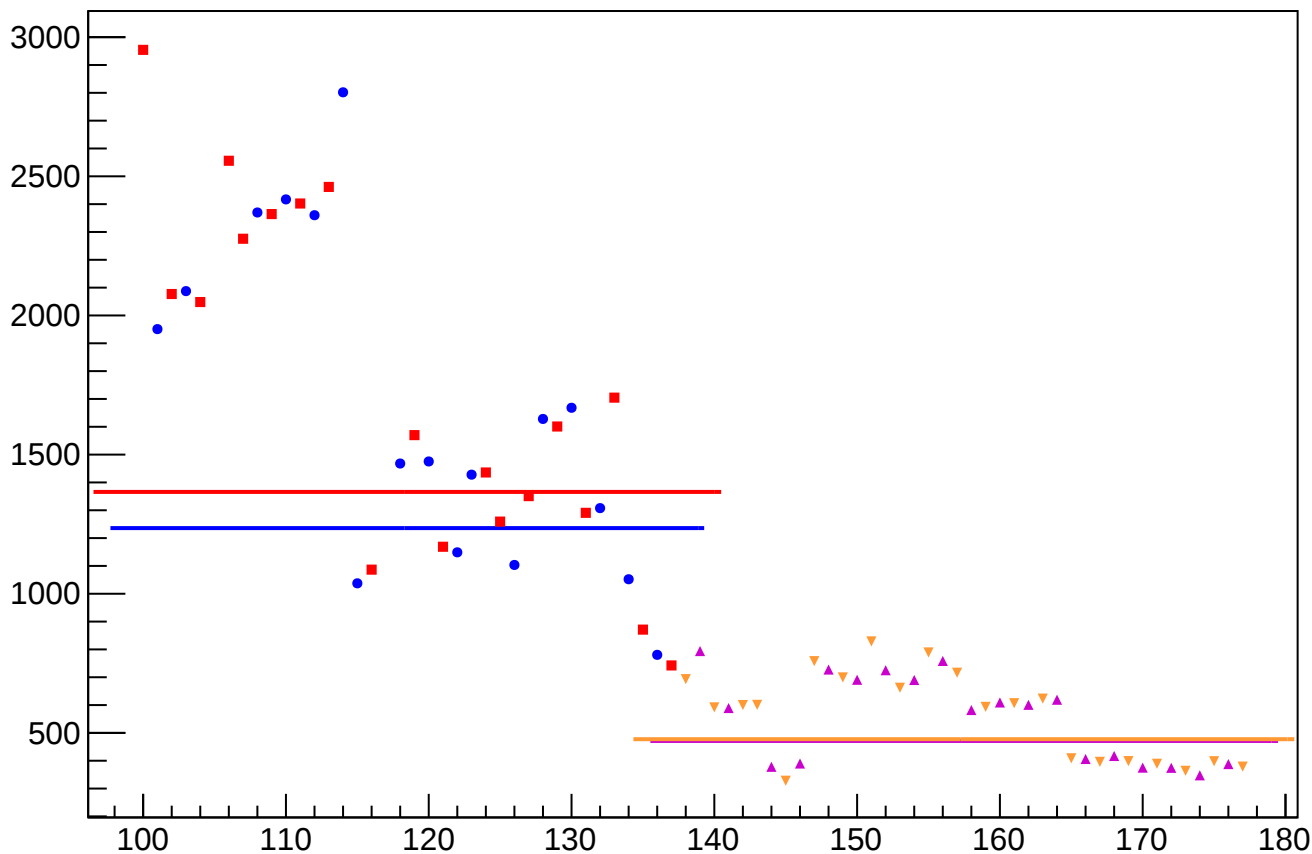
Right: 500.276 $\pm$ 374.656 χ^2 /NDF: 34.5/35

In: 79.684 $\pm$ 123.851 χ^2 /NDF:50.7/35

Out: 380.308 $\pm$ 122.043 χ^2 /NDF:60.1/39

All: 232.207 $\pm$ 86.930 χ^2 /NDF: 113.7/75

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: 471.102+/-0.090 χ^2/NDF : 2278505.4/18

Left: 474.278+/-0.063 χ^2/NDF : 4864429.6/39

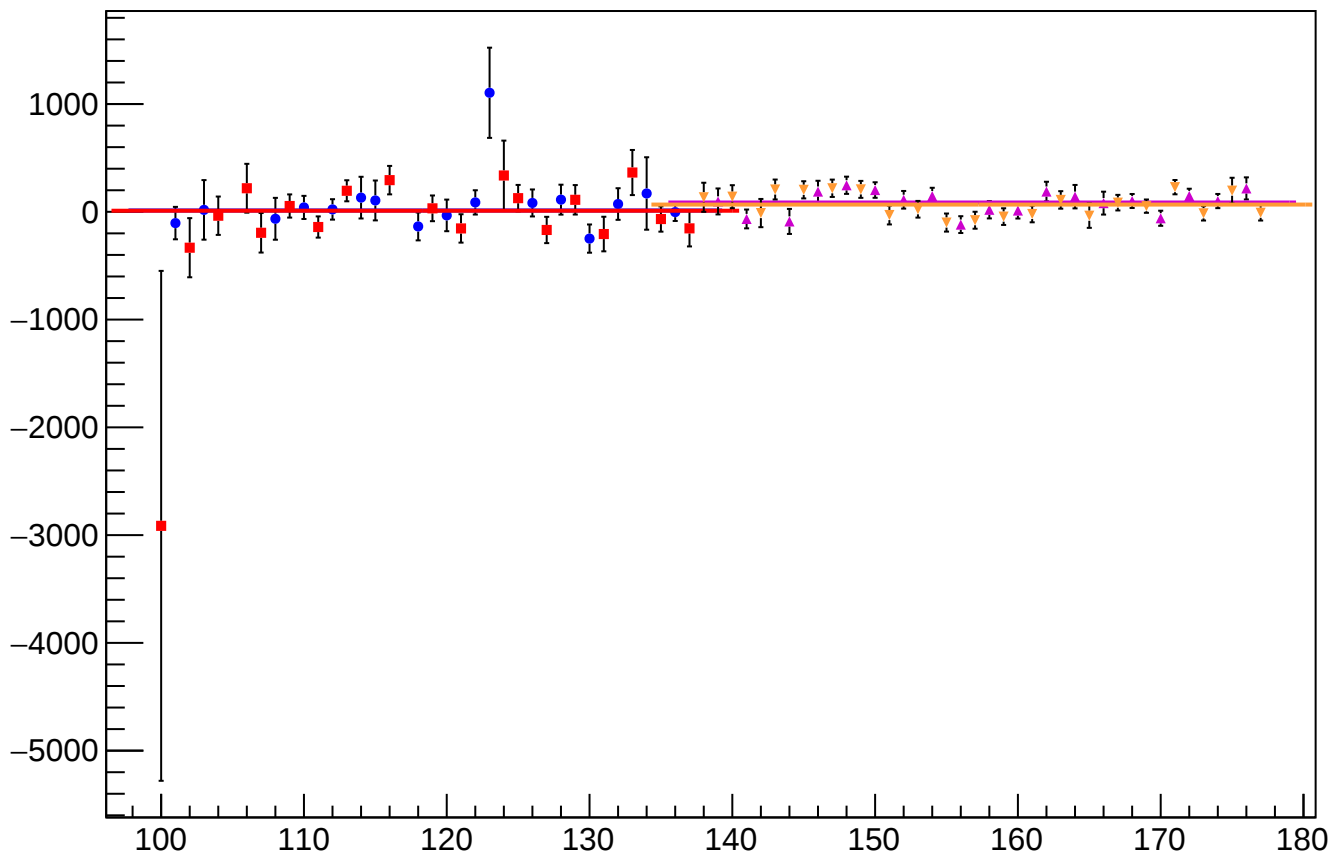
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 515.548+/-0.088 χ^2/NDF : 8198958.3/35

Out: 521.483+/-0.086 χ^2/NDF : 9339704.4/39

All: 518.559+/-0.061 χ^2/NDF : 17540993.0/75

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: 86.410 $\pm$ 18.822 χ^2 /NDF:30.7/18

Left: 76.337 $\pm$ 12.968 χ^2 /NDF: 67.5/39

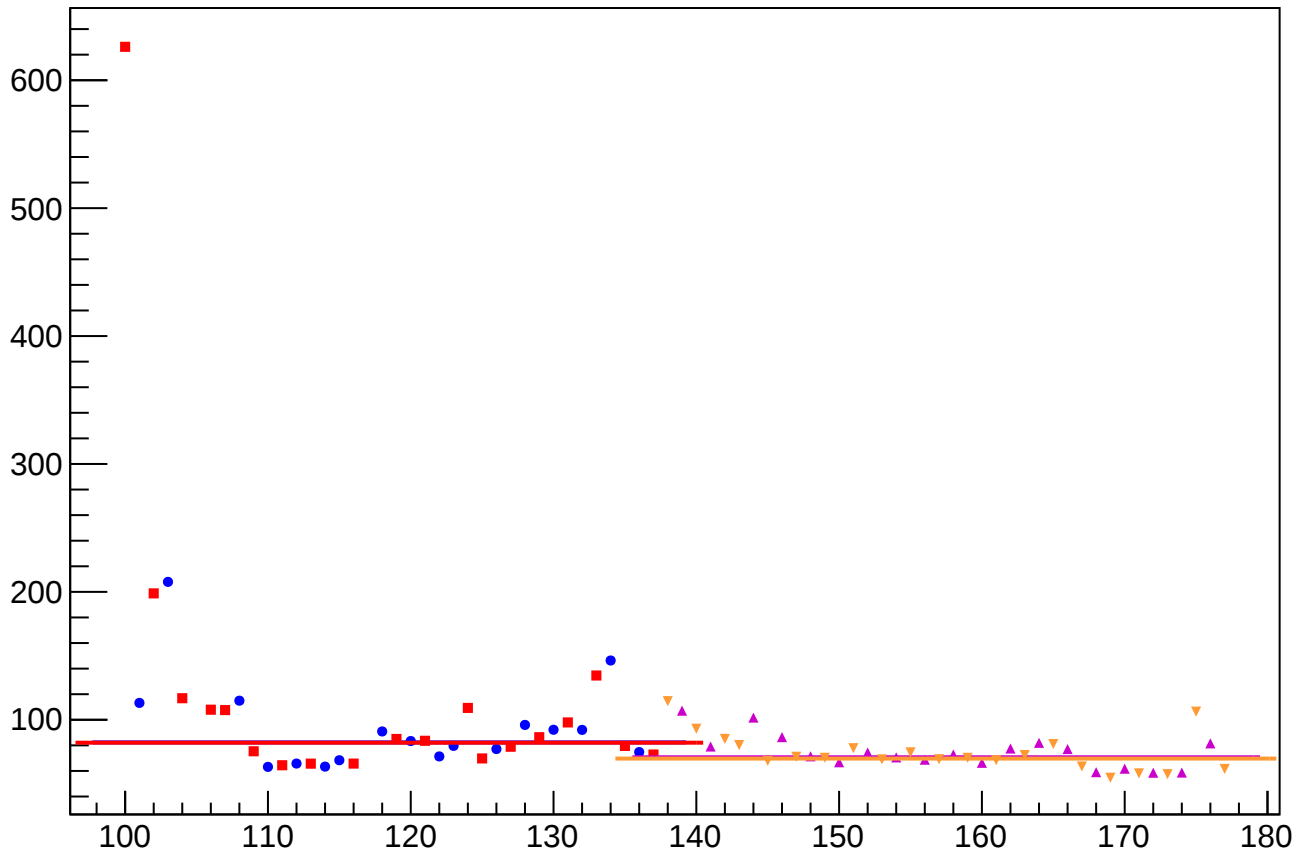
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 68.409 $\pm$ 16.377 χ^2 /NDF:49.8/35

Out: 53.996 $\pm$ 15.685 χ^2 /NDF:66.9/39

All: 60.892 $\pm$ 11.328 χ^2 /NDF: 117.1/75

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 ± 0.023 $\chi^2/\text{NDF}: 868742.4/16$

Left Out: 69.677 ± 0.013 $\chi^2/\text{NDF}: 892448.3/20$

Right Out: 82.091 ± 0.023 $\chi^2/\text{NDF}: 959008.5/18$

Left In: 70.696 ± 0.013 $\chi^2/\text{NDF}: 702988.2/18$

Left: 70.161 ± 0.009 $\chi^2/\text{NDF}: 1598517.9/39$

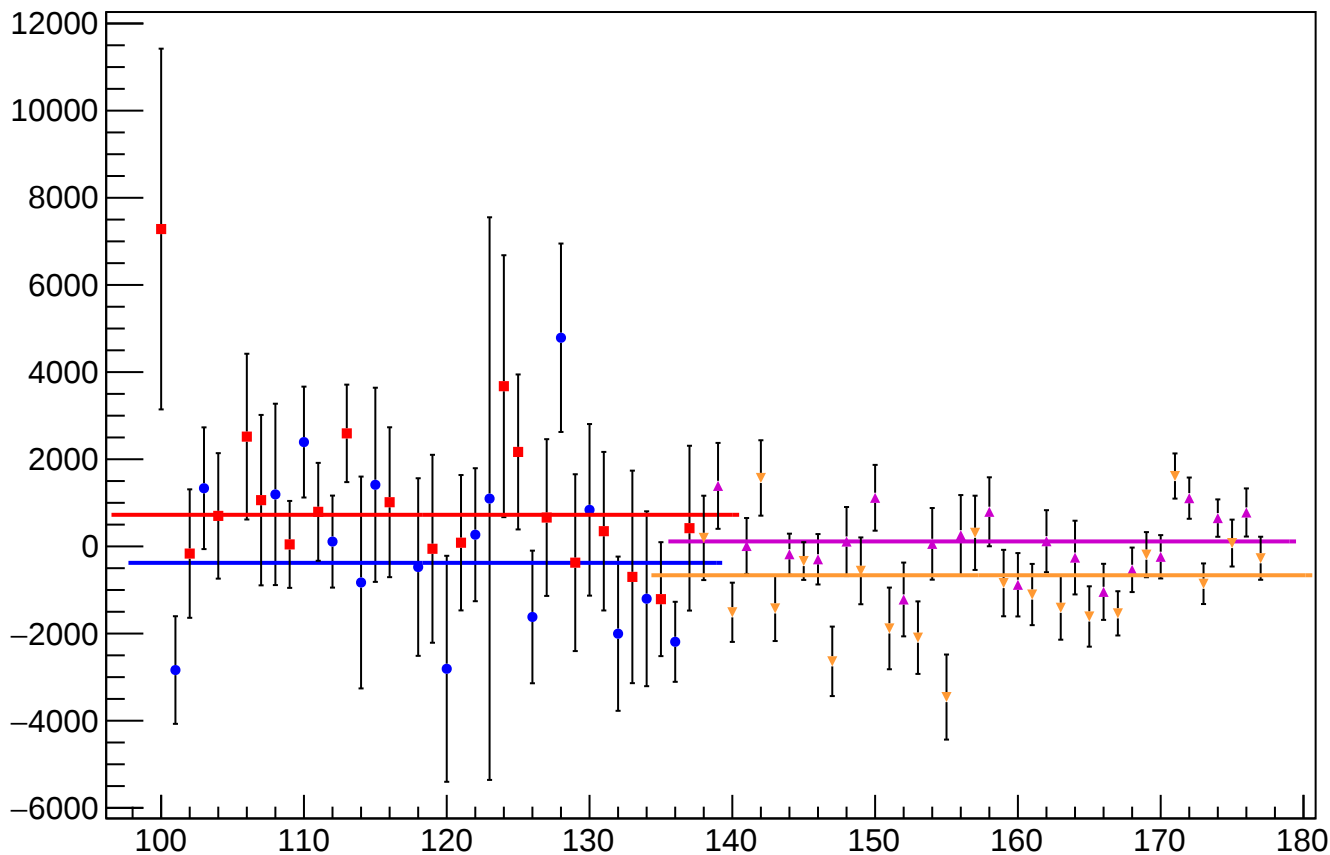
Right: 82.196 ± 0.016 $\chi^2/\text{NDF}: 1827793.7/35$

In: 73.516 ± 0.012 $\chi^2/\text{NDF}: 1756573.8/35$

Out: 72.550 ± 0.011 $\chi^2/\text{NDF}: 2074299.8/39$

All: 73.012 ± 0.008 $\chi^2/\text{NDF}: 3834505.3/75$

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 $\pm$ 383.897 χ^2 /NDF: 24.5/16

Left Out: -662.047 $\pm$ 139.807 χ^2 /NDF:60.1/20

Right Out: 725.204 $\pm$ 367.170 χ^2 /NDF: 11.9/18

Left In: 114.145 $\pm$ 143.333 χ^2 /NDF:22.4/18

Left: -283.615 $\pm$ 100.082 χ^2 /NDF: 97.5/39

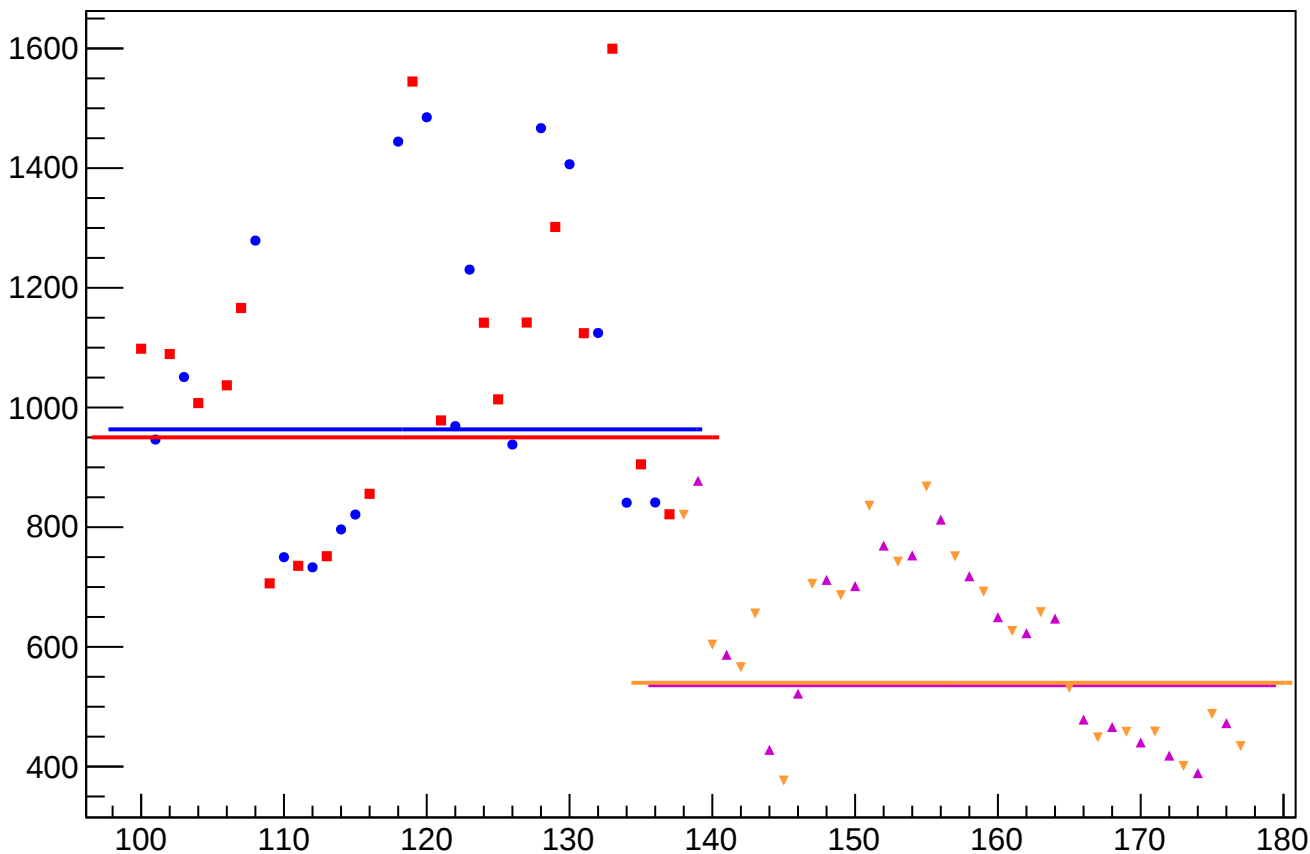
Right: 198.479 $\pm$ 265.345 χ^2 /NDF: 40.7/35

In: 54.016 $\pm$ 134.279 χ^2 /NDF:48.3/35

Out: -486.384 $\pm$ 130.656 χ^2 /NDF:84.4/39

All: -223.573 $\pm$ 93.643 χ^2 /NDF: 141.1/75

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: 535.970 $\pm$ 0.101 χ^2 /NDF:1756031.6/18

Left: 538.033 $\pm$ 0.071 χ^2 /NDF: 3717232.7/39

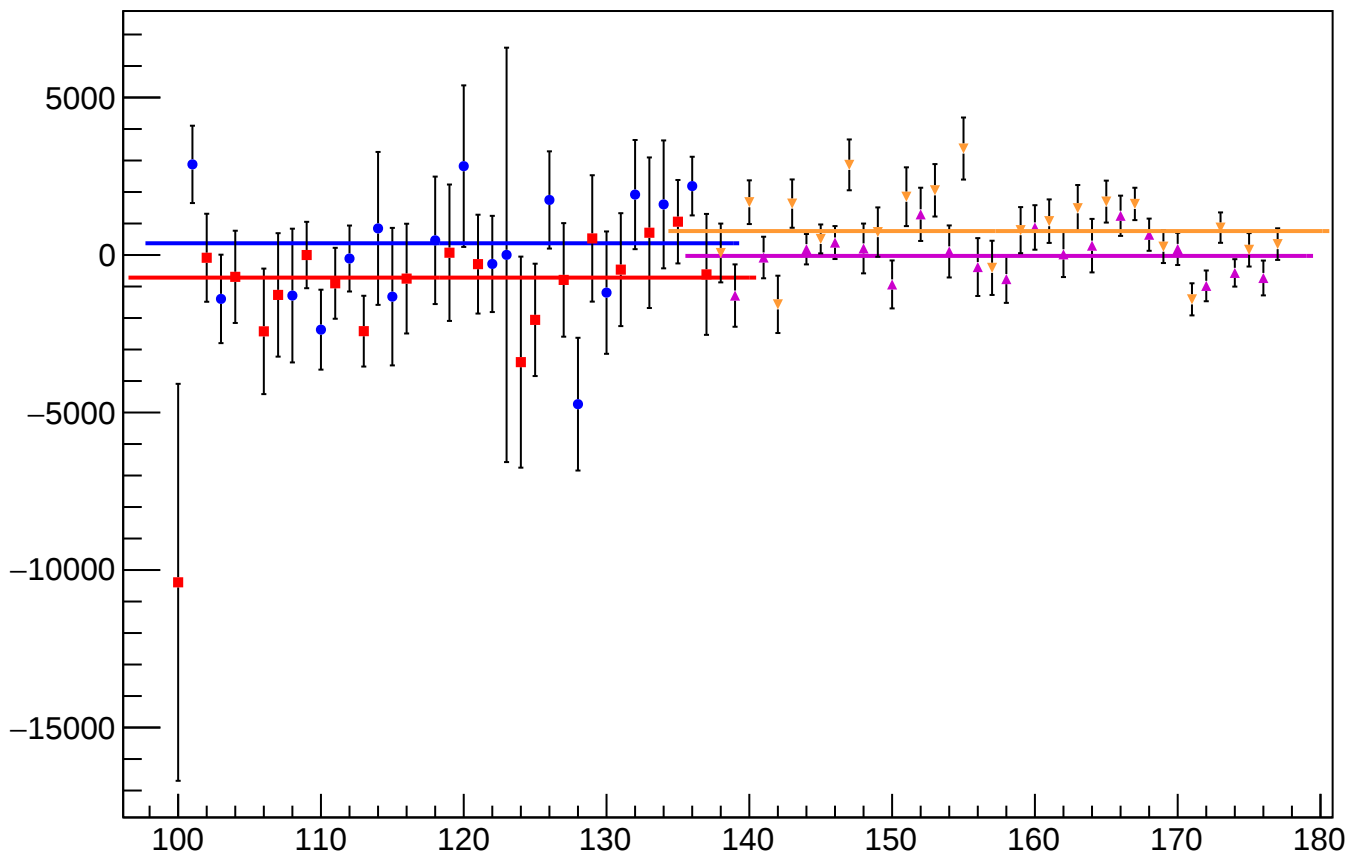
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 588.272 $\pm$ 0.095 χ^2 /NDF:4621585.0/35

Out: 591.929 $\pm$ 0.092 χ^2 /NDF:4871706.0/39

All: 590.151 $\pm$ 0.066 χ^2 /NDF: 9494052.9/75

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: -28.547 ± 143.470 $\chi^2/\text{NDF}: 22.2/18$

Left: 372.196 ± 100.598 $\chi^2/\text{NDF}: 94.4/39$

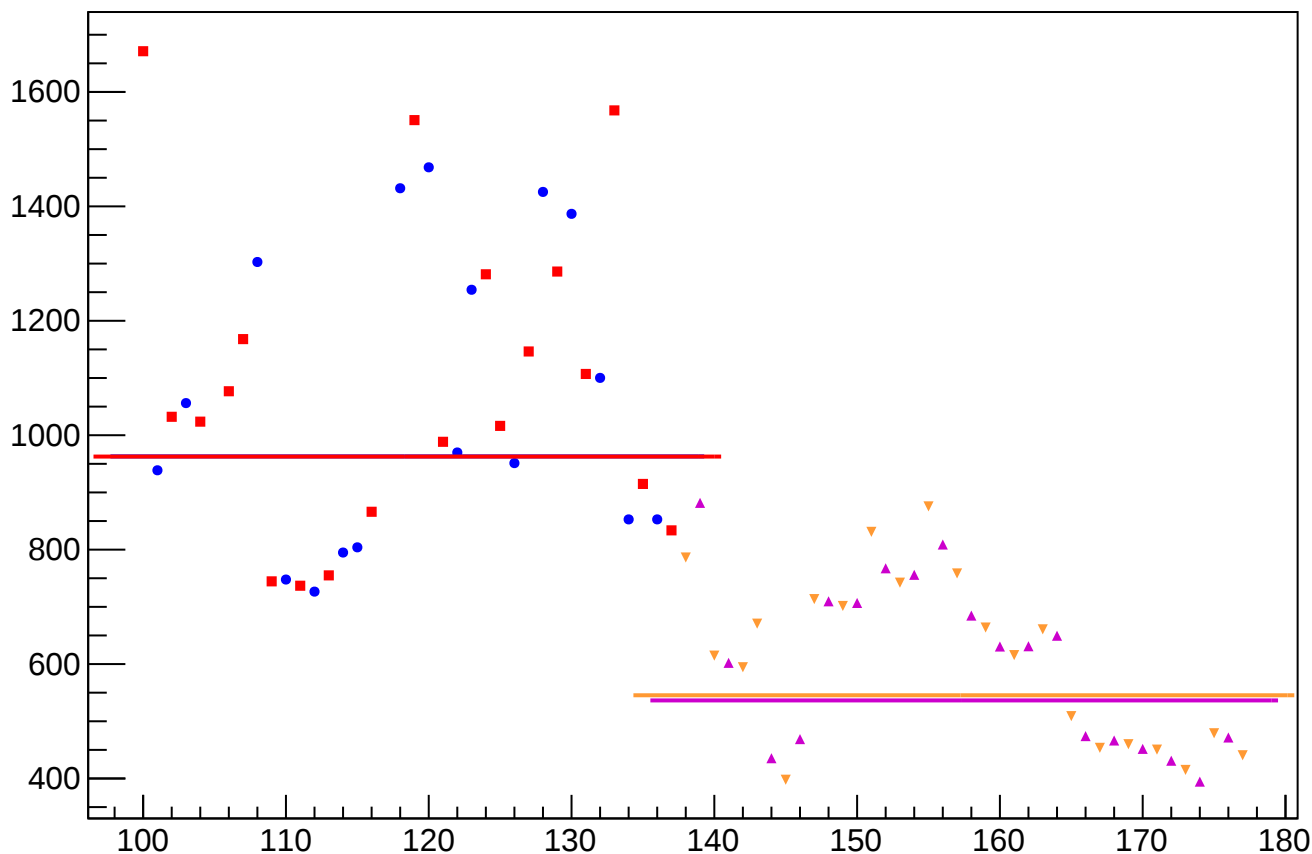
Right: -189.414 ± 266.986 $\chi^2/\text{NDF}: 39.6/35$

In: 20.703 ± 134.382 $\chi^2/\text{NDF}: 48.4/35$

Out: 573.790 ± 131.912 $\chi^2/\text{NDF}: 80.8/39$

All: 302.376 ± 94.137 $\chi^2/\text{NDF}: 137.8/75$

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: 536.454+/-0.101 χ^2/NDF : 1675091.8/18

Left: 541.033+/-0.071 χ^2/NDF : 3491311.5/39

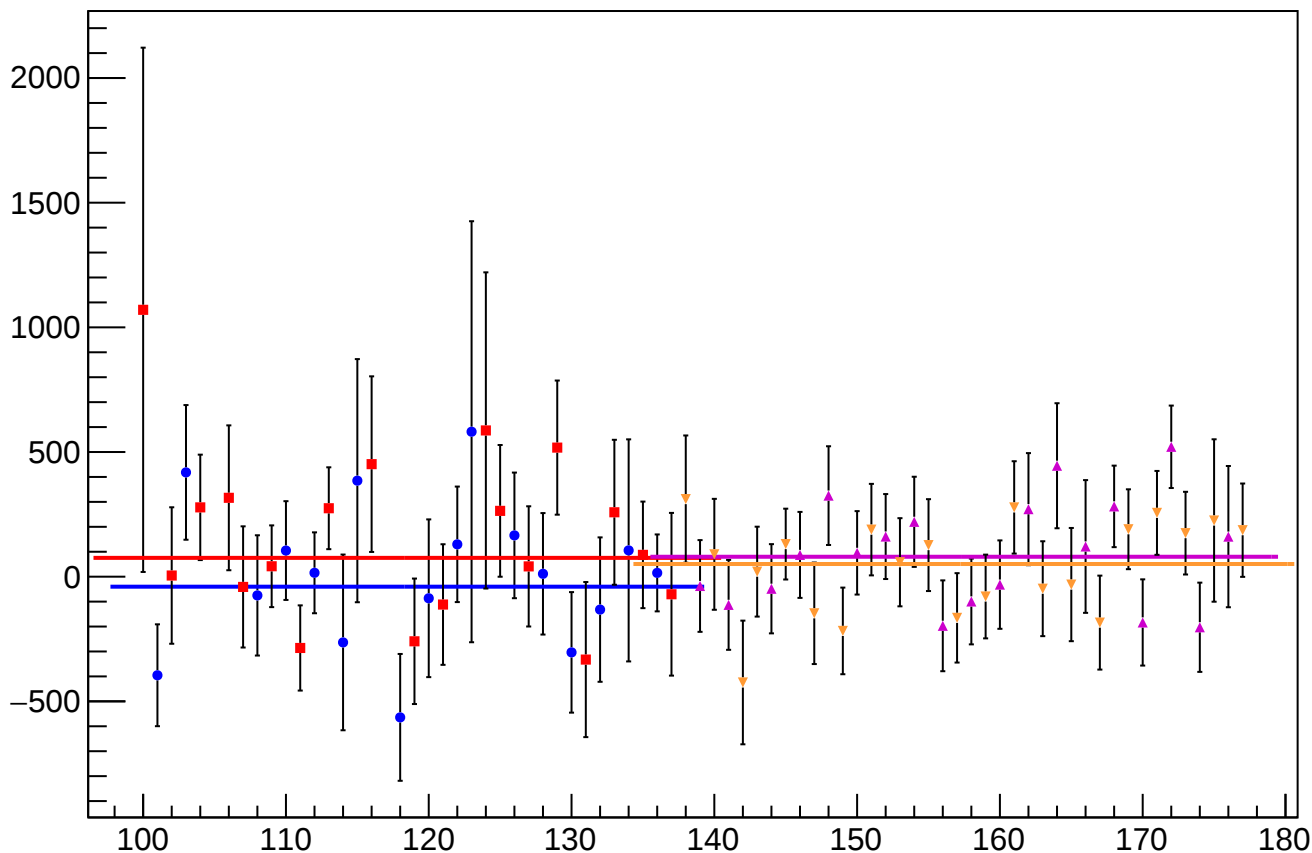
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 588.781+/-0.095 χ^2/NDF : 4511123.1/35

Out: 597.990+/-0.093 χ^2/NDF : 4710517.0/39

All: 593.471+/-0.067 χ^2/NDF : 9226423.5/75

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: 79.926 ± 42.714 χ^2/NDF : 24.6/18

Left: 64.715 ± 29.511 χ^2/NDF : 43.2/39

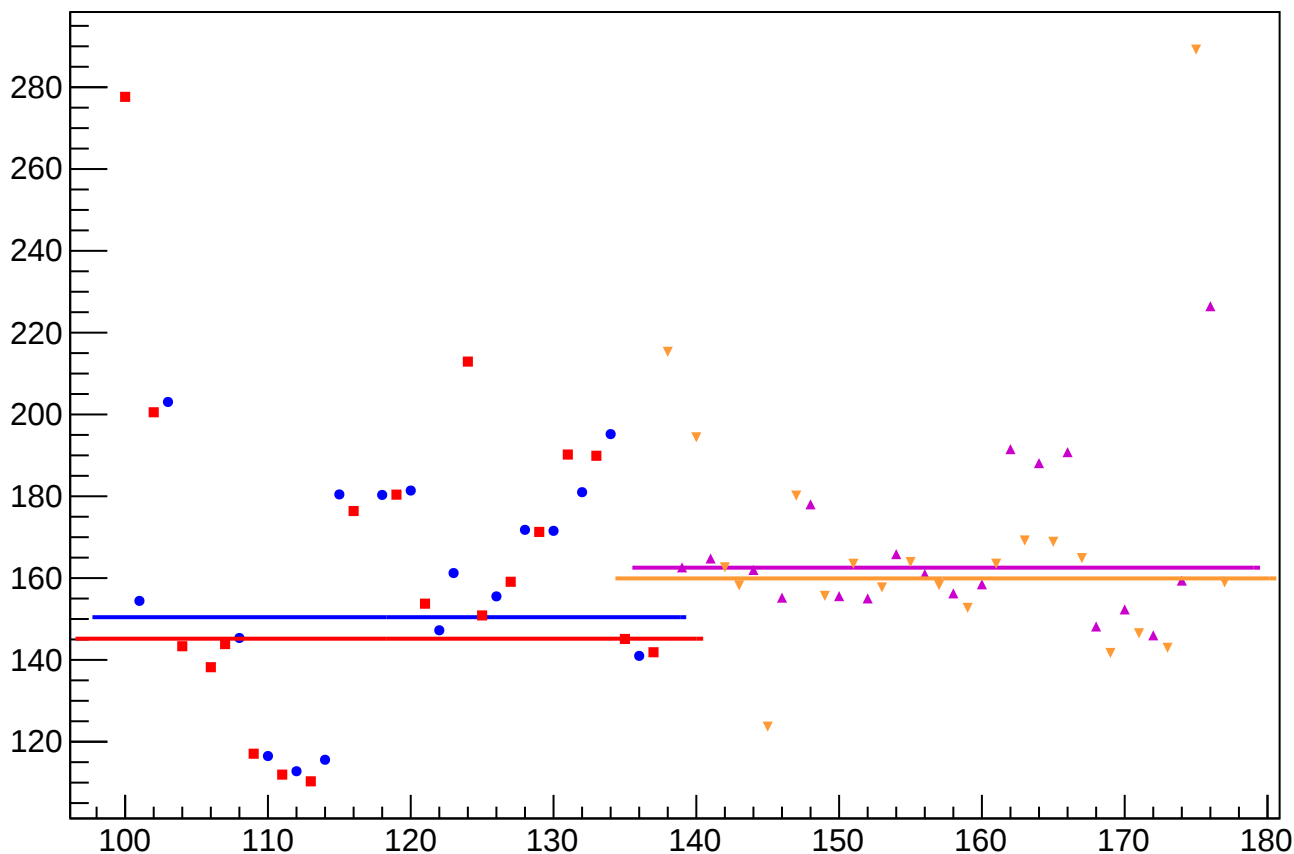
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: 38.877 ± 34.650 χ^2/NDF : 42.7/35

Out: 59.325 ± 33.034 χ^2/NDF : 36.9/39

All: 49.589 ± 23.910 χ^2/NDF : 79.7/75

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: 162.548 $\pm$ 0.030 χ^2 /NDF:249477.7/18

Left: 161.176 $\pm$ 0.021 χ^2 /NDF: 937916.3/39

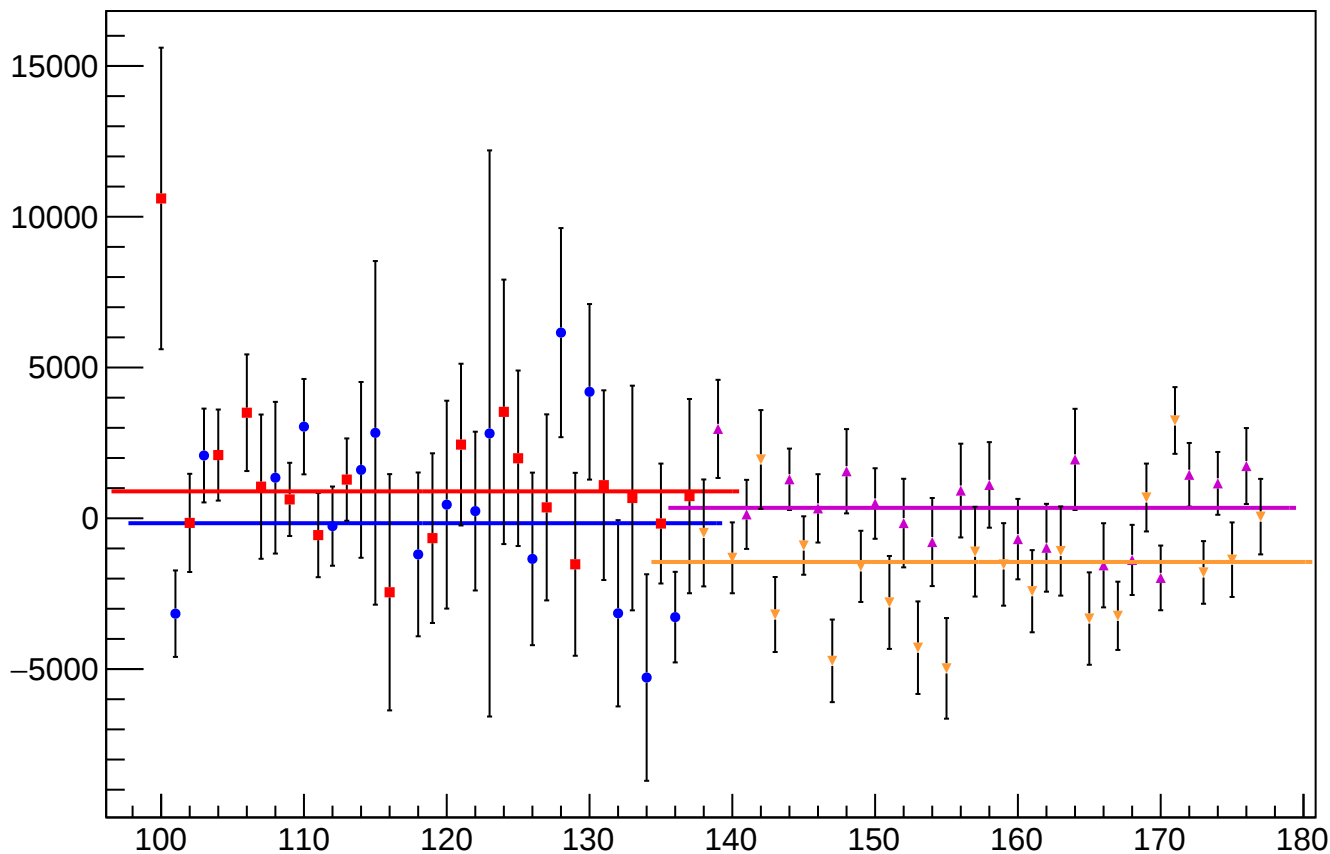
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 158.408 $\pm$ 0.025 χ^2 /NDF:704533.6/35

Out: 154.837 $\pm$ 0.023 χ^2 /NDF:1310128.9/39

All: 156.538 $\pm$ 0.017 χ^2 /NDF: 2025790.0/75

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -1447.858+/-281.765 χ^2/NDF : 49.1/20

Right Out: 893.137+/-484.322 χ^2/NDF : 10.7/18

Left In: 346.249+/-289.502 χ^2/NDF : 19.4/18

Left: -575.099+/-201.918 χ^2/NDF : 88.2/39

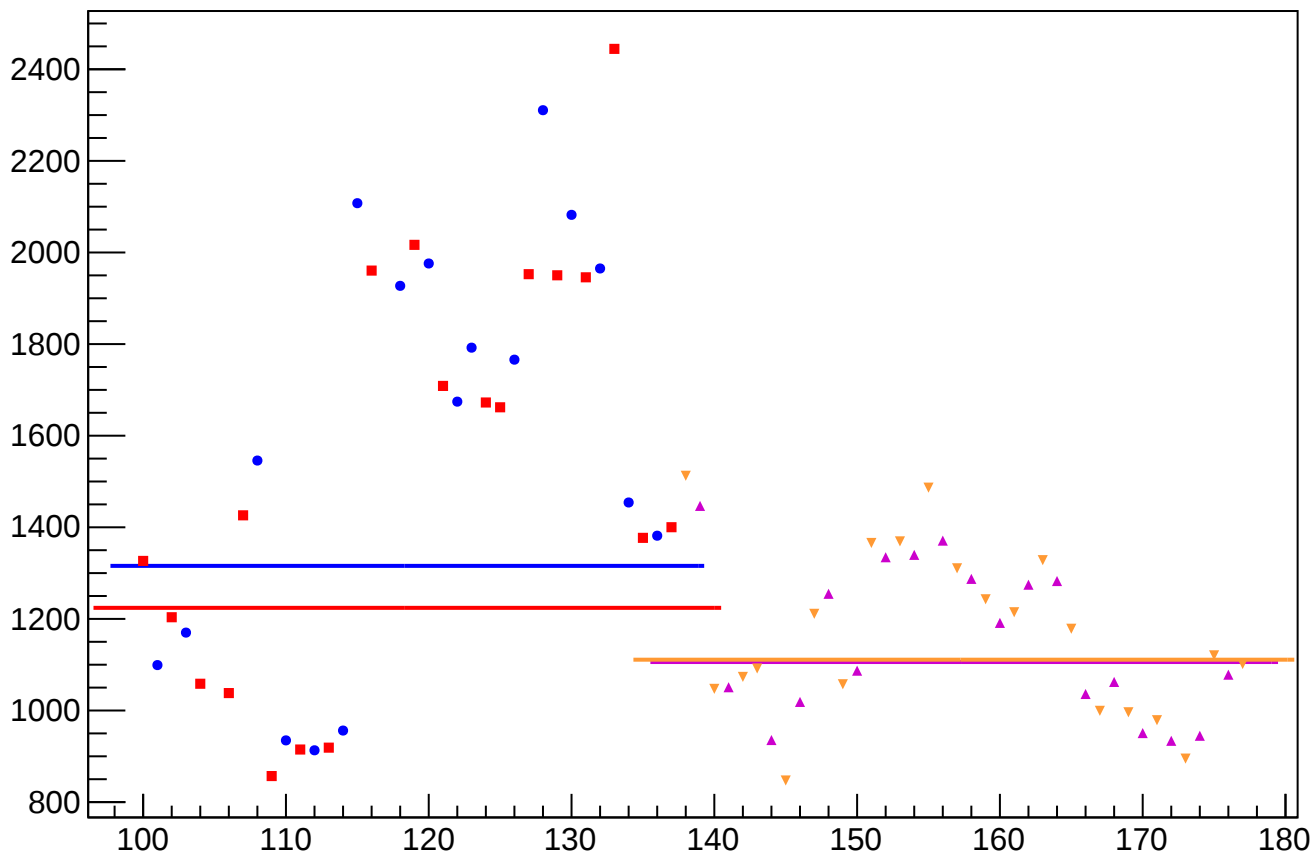
Right: 415.737+/-358.494 χ^2/NDF : 37.9/35

In: 230.336+/-254.416 χ^2/NDF : 45.2/35

Out: -855.885+/-243.548 χ^2/NDF : 77.2/39

All: -336.470+/-175.931 χ^2/NDF : 131.9/75

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: 1105.855 $\pm$ 0.205 χ^2 /NDF: 582992.2/18

Left: 1108.475 $\pm$ 0.143 χ^2 /NDF: 1337583.3/39

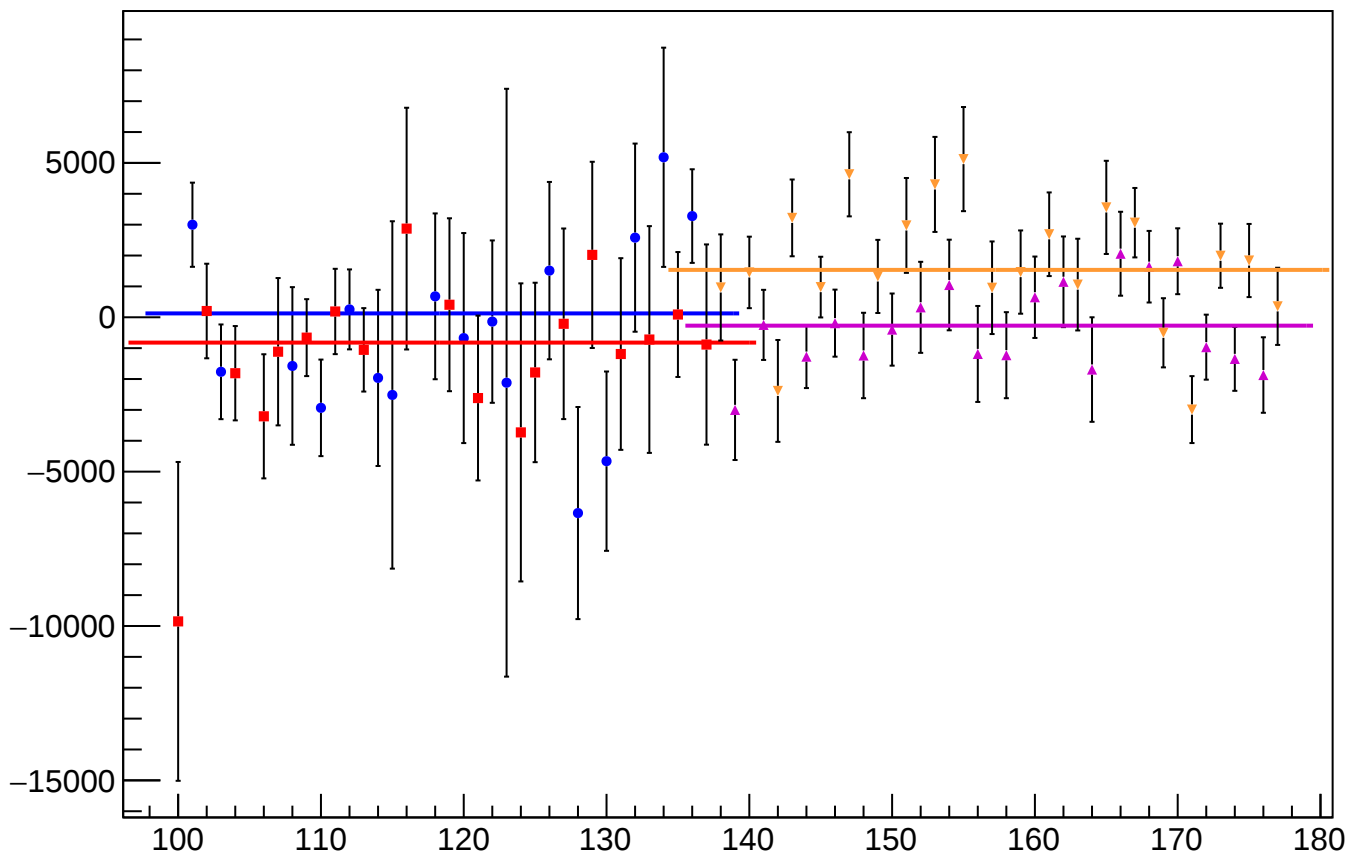
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1153.656 $\pm$ 0.180 χ^2 /NDF: 1940802.2/35

Out: 1139.580 $\pm$ 0.172 χ^2 /NDF: 2199793.3/39

All: 1146.311 $\pm$ 0.124 χ^2 /NDF: 4143790.2/75

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: -271.493 $\pm$ 287.073 χ^2 /NDF:20.9/18

Left: 653.391 $\pm$ 200.540 χ^2 /NDF: 89.5/39

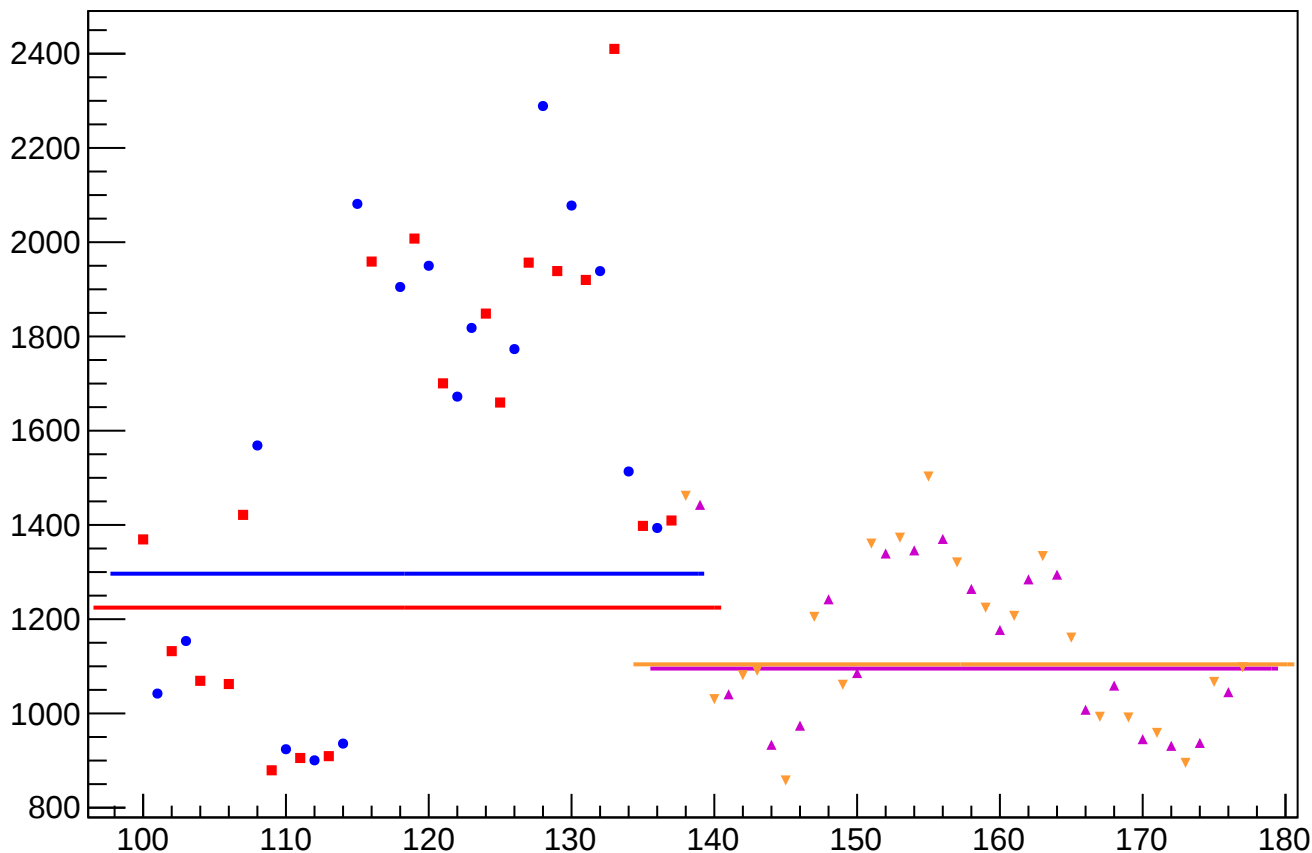
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -180.625 $\pm$ 252.075 χ^2 /NDF:46.0/35

Out: 944.730 $\pm$ 242.618 χ^2 /NDF:75.1/39

All: 403.558 $\pm$ 174.804 χ^2 /NDF: 131.4/75

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: 1095.227 $\pm$ 0.203 χ^2/NDF : 616345.8/18

Left: 1099.827 $\pm$ 0.142 χ^2/NDF : 1358779.6/39

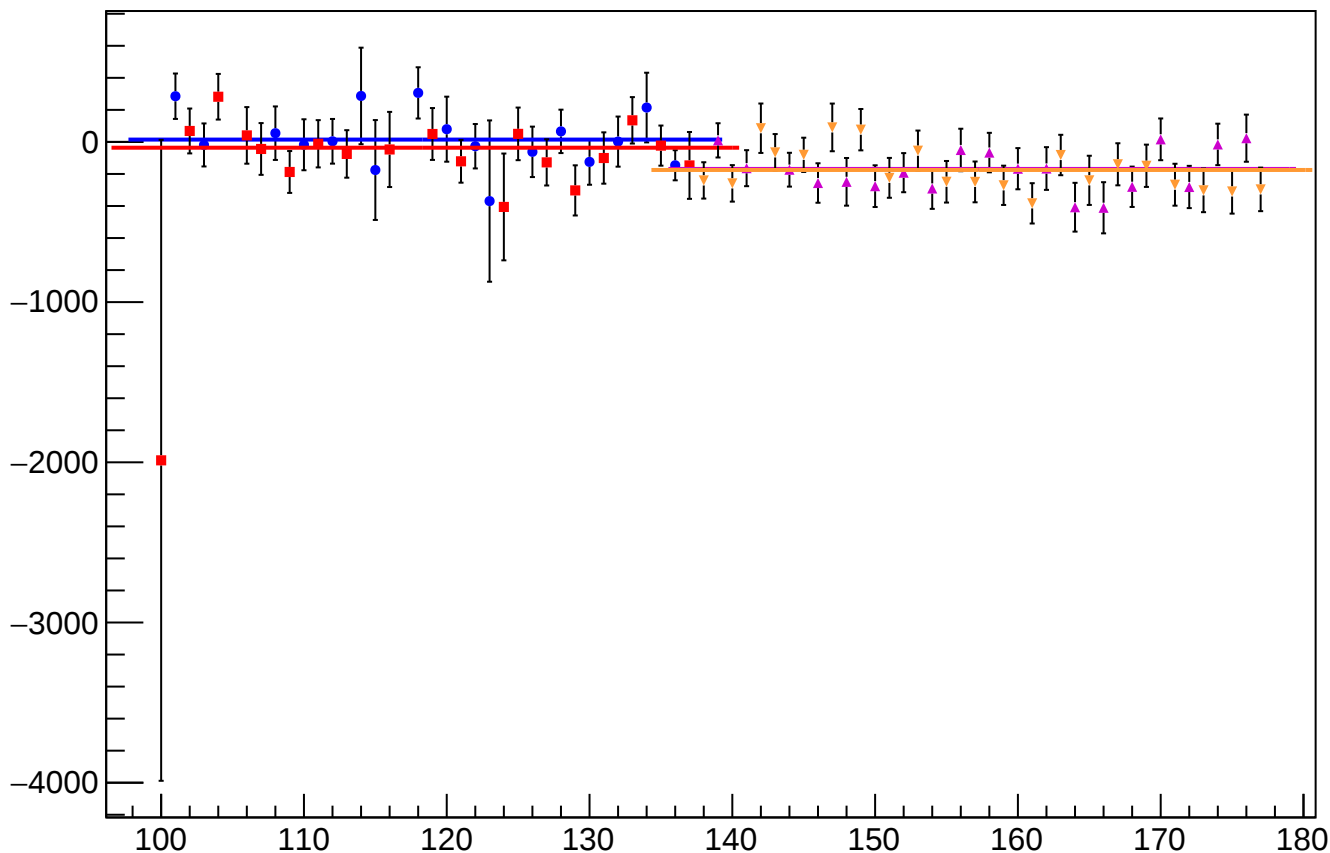
Right: 1257.572 $\pm$ 0.252 χ^2/NDF : 2543980.3/35

In: 1141.328 $\pm$ 0.178 χ^2/NDF : 2017079.3/35

Out: 1134.370 $\pm$ 0.172 χ^2/NDF : 2182125.8/39

All: 1137.716 $\pm$ 0.124 χ^2/NDF : 4199996.2/75

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



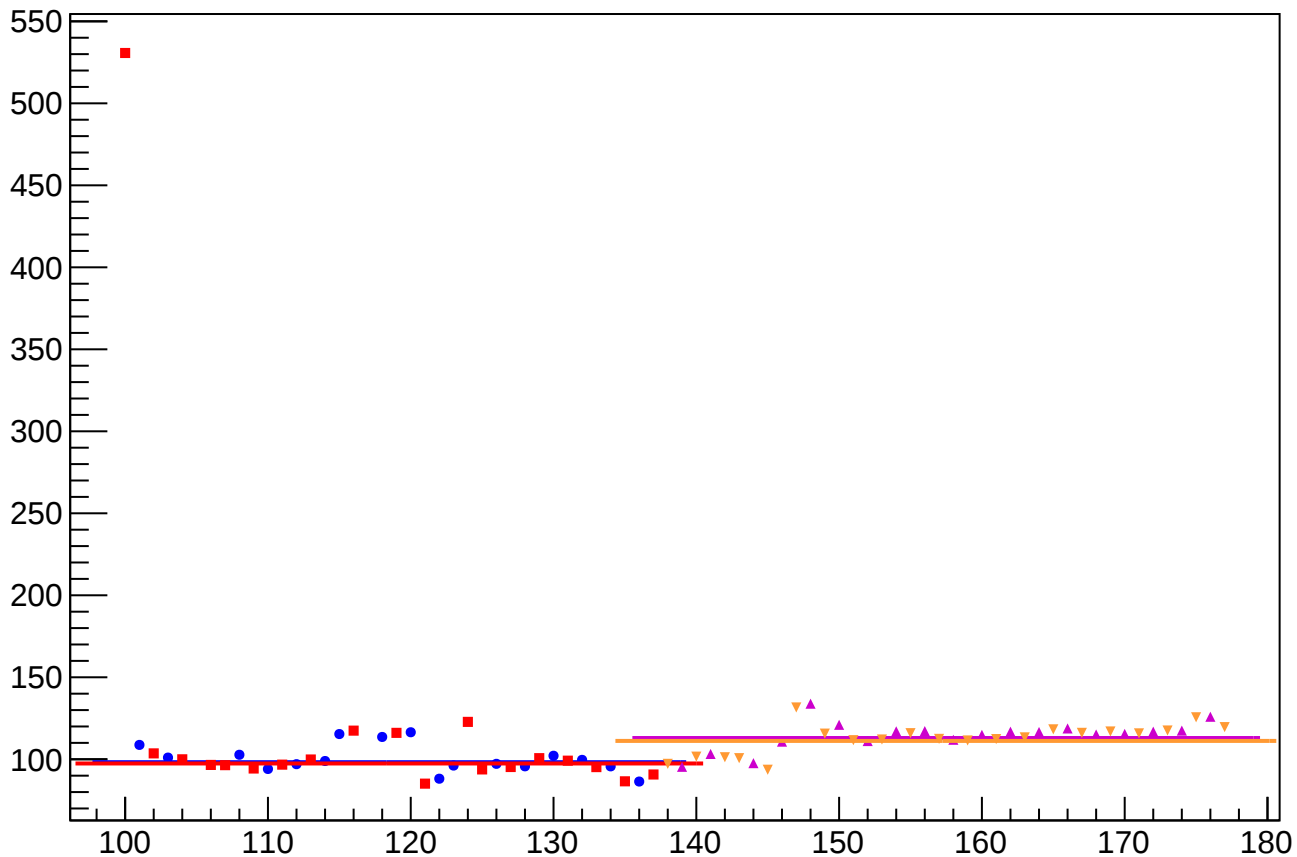
Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -175.090 ± 27.910 $\chi^2/\text{NDF}: 21.4/20$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -168.665 ± 29.330 $\chi^2/\text{NDF}: 18.1/18$

Left: -172.037 ± 20.219 $\chi^2/\text{NDF}: 39.6/39$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -100.293 ± 23.222 $\chi^2/\text{NDF}: 46.9/35$
 Out: -124.211 ± 22.220 $\chi^2/\text{NDF}: 46.0/39$

All: -112.779 ± 16.055 $\chi^2/\text{NDF}: 93.4/75$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 111.197+/-0.020 χ^2/NDF : 214599.5/20

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 112.958+/-0.021 χ^2/NDF : 190691.3/18

Left: 112.034+/-0.014 χ^2/NDF : 409075.4/39

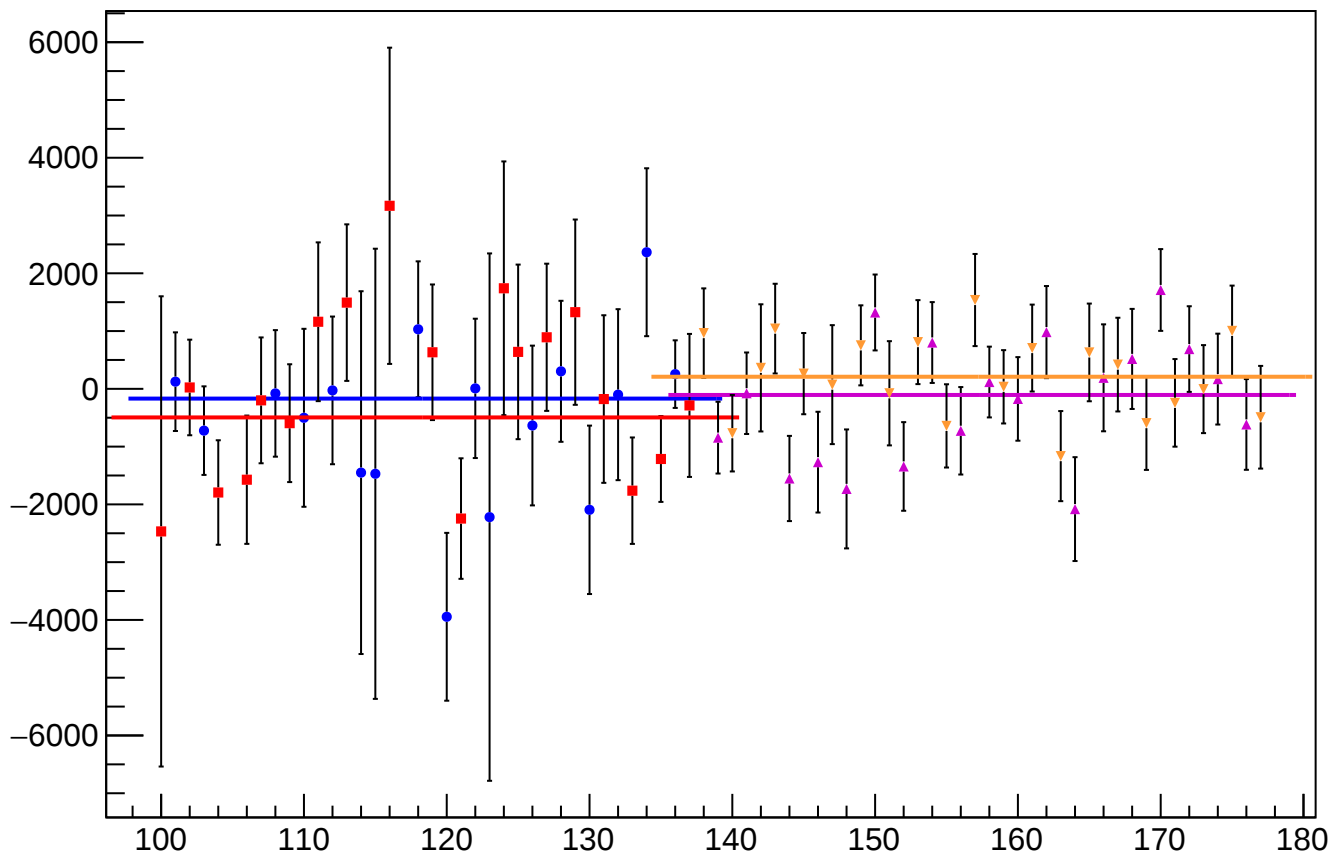
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 107.459+/-0.016 χ^2/NDF : 479652.4/35

Out: 106.158+/-0.016 χ^2/NDF : 582669.3/39

All: 106.780+/-0.011 χ^2/NDF : 1065594.4/75

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: -106.051 ± 172.911 $\chi^2/\text{NDF}: 35.0/18$

Left: 54.793 ± 121.047 $\chi^2/\text{NDF}: 53.5/39$

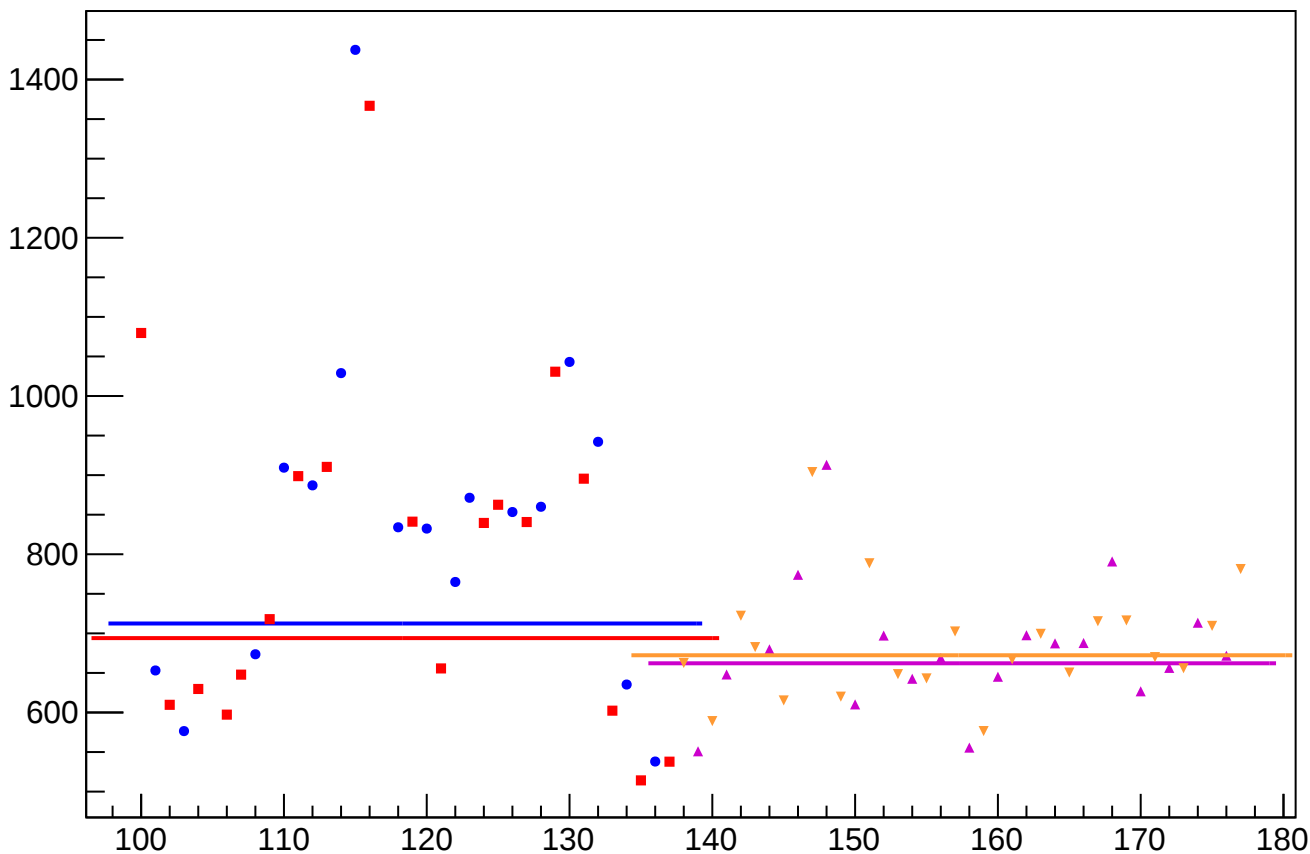
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -123.181 ± 147.432 $\chi^2/\text{NDF}: 49.6/35$

Out: 7.528 ± 143.173 $\chi^2/\text{NDF}: 41.7/39$

All: -55.911 ± 102.711 $\chi^2/\text{NDF}: 91.7/75$

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: 662.179 $\pm$ 0.122 χ^2 /NDF:362960.3/18

Left: 667.356 $\pm$ 0.086 χ^2 /NDF: 666575.0/39

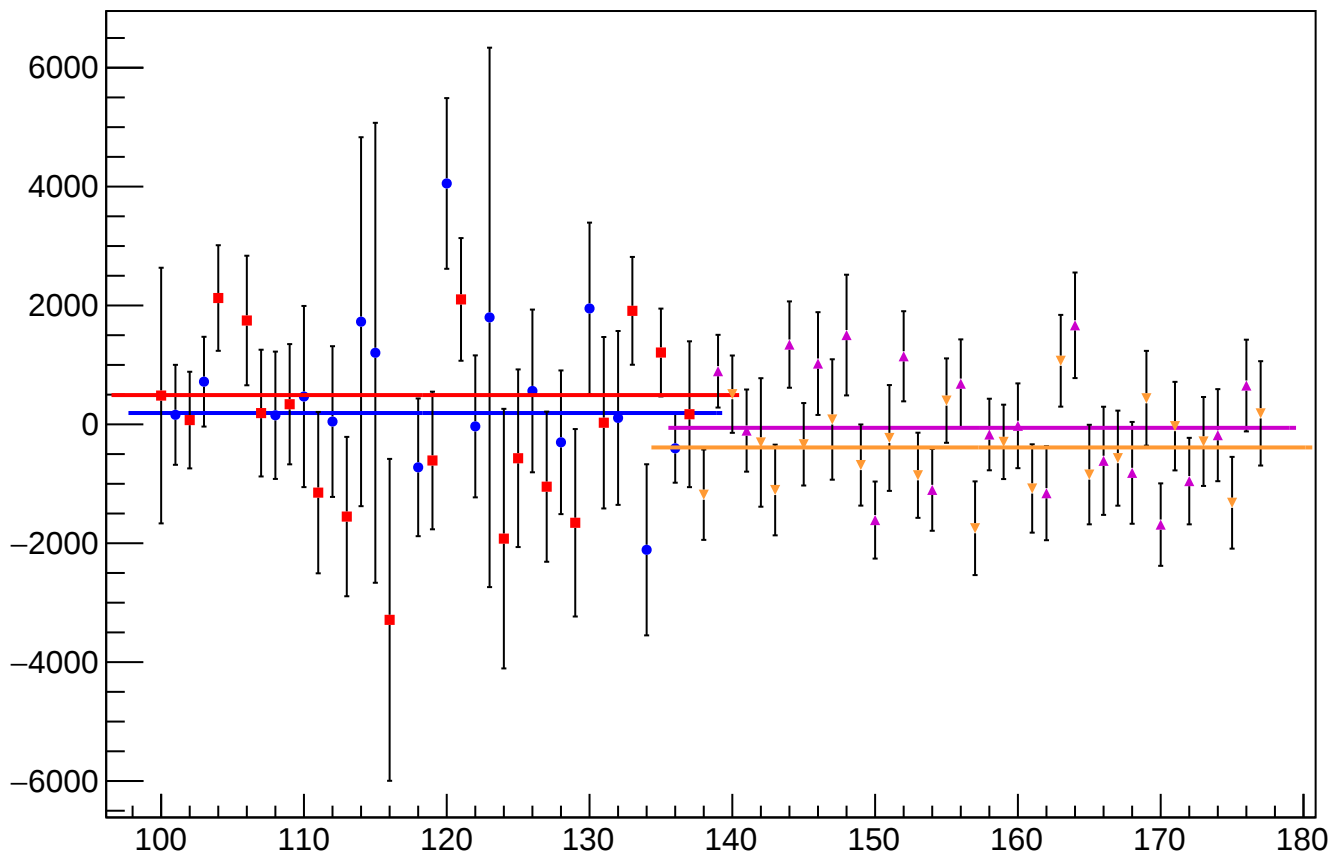
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 675.909 $\pm$ 0.104 χ^2 /NDF:1069677.2/35

Out: 678.546 $\pm$ 0.101 χ^2 /NDF:984466.9/39

All: 677.267 $\pm$ 0.073 χ^2 /NDF: 2054473.4/75

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 ± 278.670 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -388.408 ± 167.022 $\chi^2/\text{NDF}: 17.0/20$

Right Out: 492.659 ± 262.648 $\chi^2/\text{NDF}: 22.8/18$

Left In: -58.532 ± 170.298 $\chi^2/\text{NDF}: 36.4/18$

Left: -226.673 ± 119.244 $\chi^2/\text{NDF}: 55.3/39$

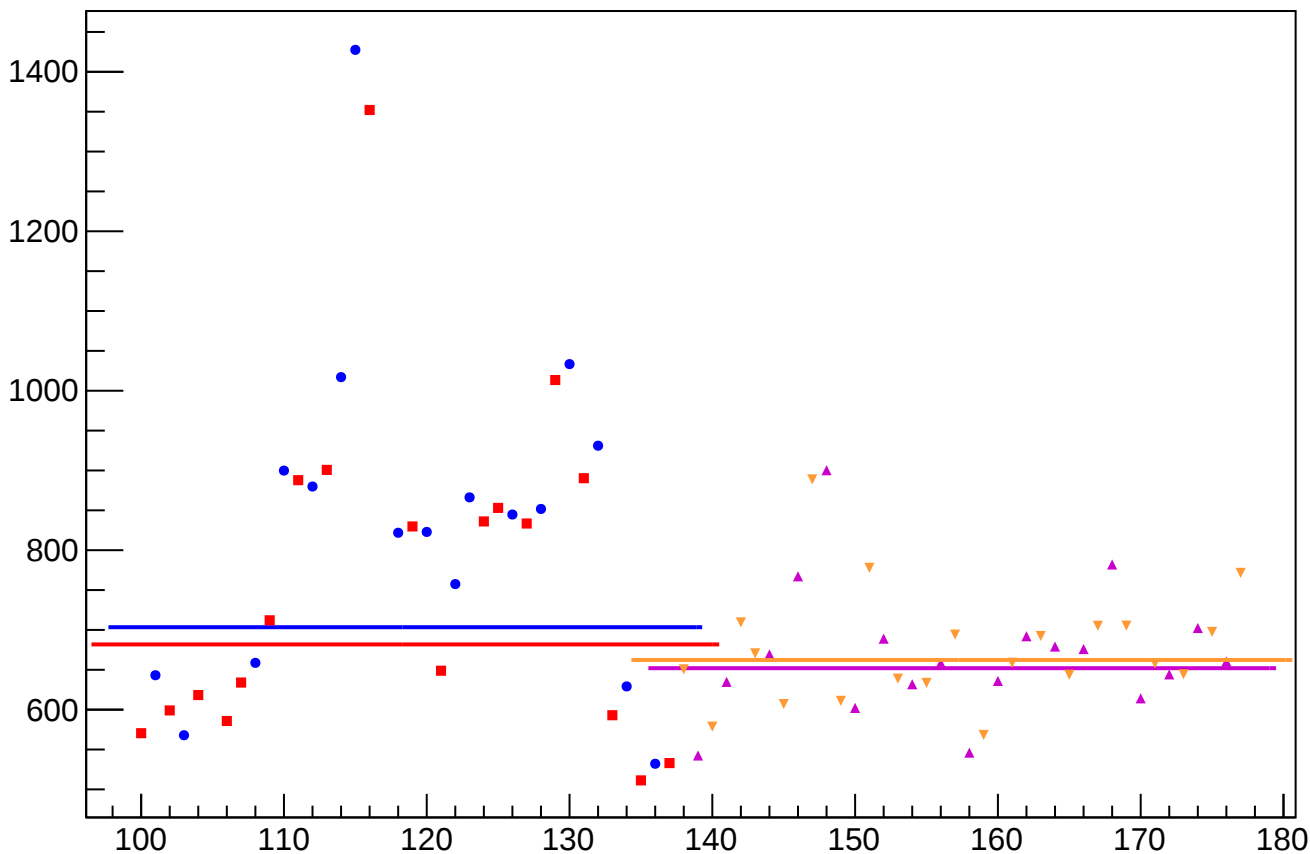
Right: 350.694 ± 191.134 $\chi^2/\text{NDF}: 37.6/35$

In: 9.286 ± 145.312 $\chi^2/\text{NDF}: 51.2/35$

Out: -134.708 ± 140.939 $\chi^2/\text{NDF}: 47.8/39$

All: -64.910 ± 101.170 $\chi^2/\text{NDF}: 99.5/75$

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: 652.007 $\pm$ 0.120 χ^2 /NDF:372325.7/18

Left: 657.265 $\pm$ 0.084 χ^2 /NDF: 677172.4/39

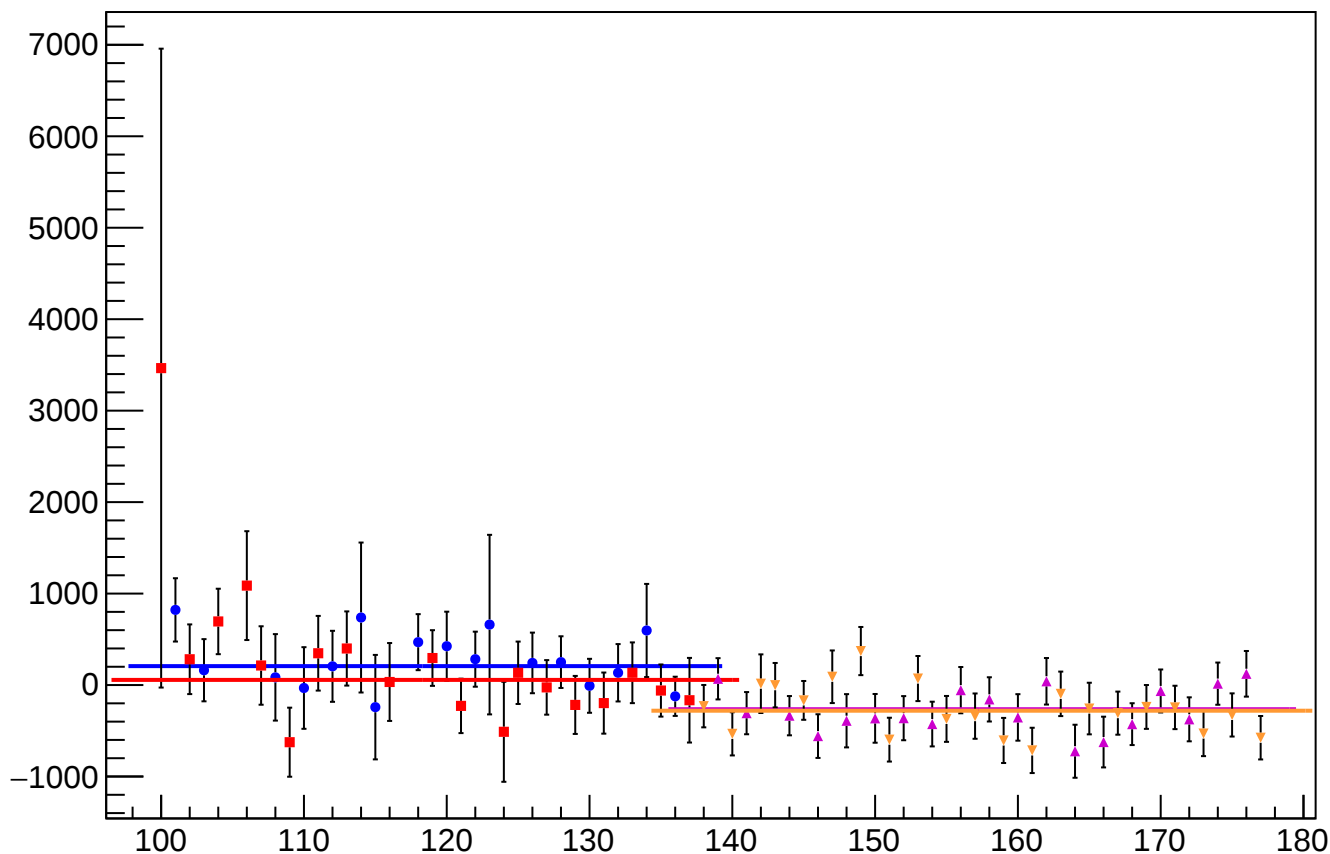
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 665.983 $\pm$ 0.103 χ^2 /NDF:1088750.4/35

Out: 667.932 $\pm$ 0.100 χ^2 /NDF:973742.6/39

All: 666.987 $\pm$ 0.072 χ^2 /NDF: 2062678.4/75

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -280.624 $\pm$ 53.797 χ^2 /NDF:23.5/20

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -264.055 $\pm$ 56.304 χ^2 /NDF:16.7/18

Left: -272.717 $\pm$ 38.896 χ^2 /NDF: 40.2/39

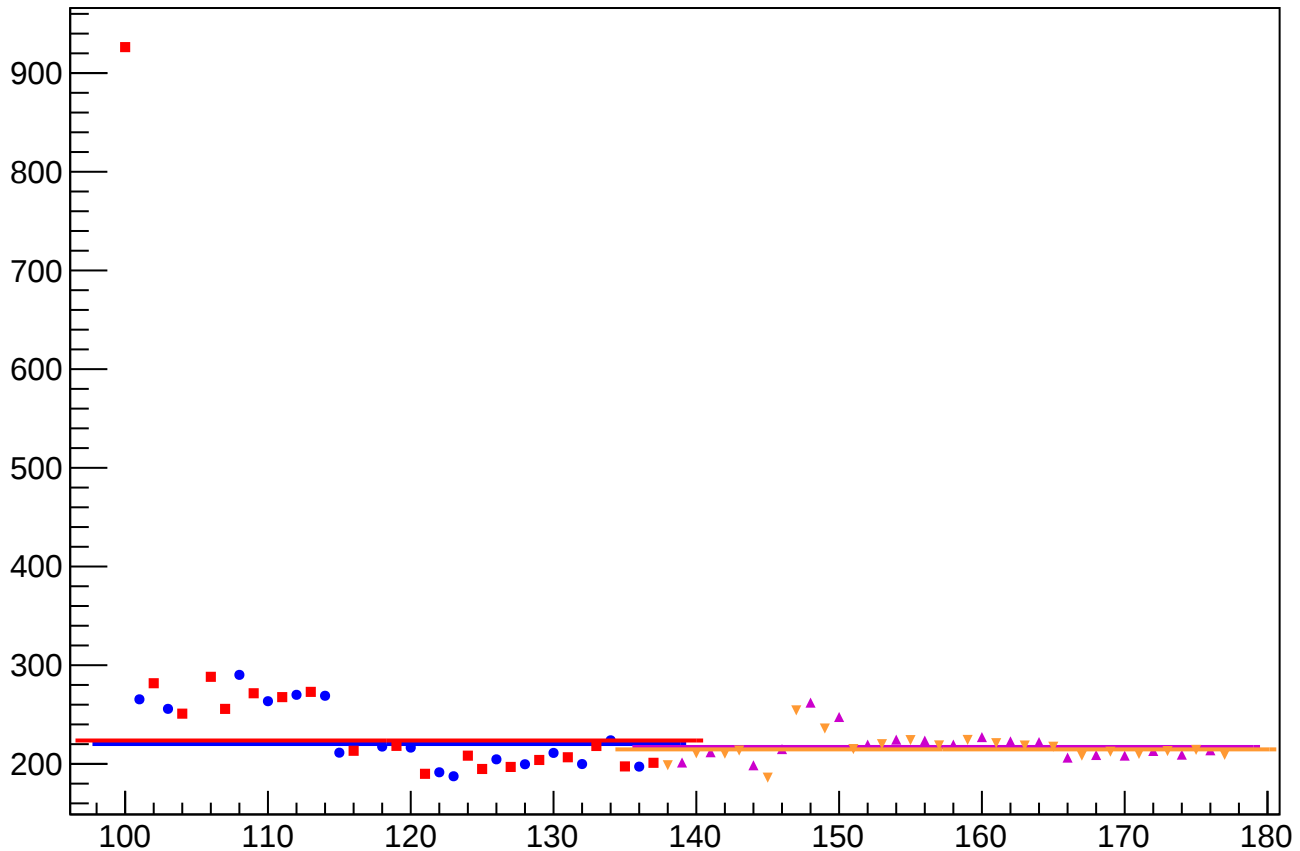
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -121.914 $\pm$ 47.045 χ^2 /NDF:47.3/35

Out: -184.556 $\pm$ 45.483 χ^2 /NDF:51.3/39

All: -154.292 $\pm$ 32.700 χ^2 /NDF: 99.5/75

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: 217.142 $\pm$ 0.040 χ^2 /NDF: 119341.5/18

Left: 215.872 $\pm$ 0.028 χ^2 /NDF: 231923.4/39

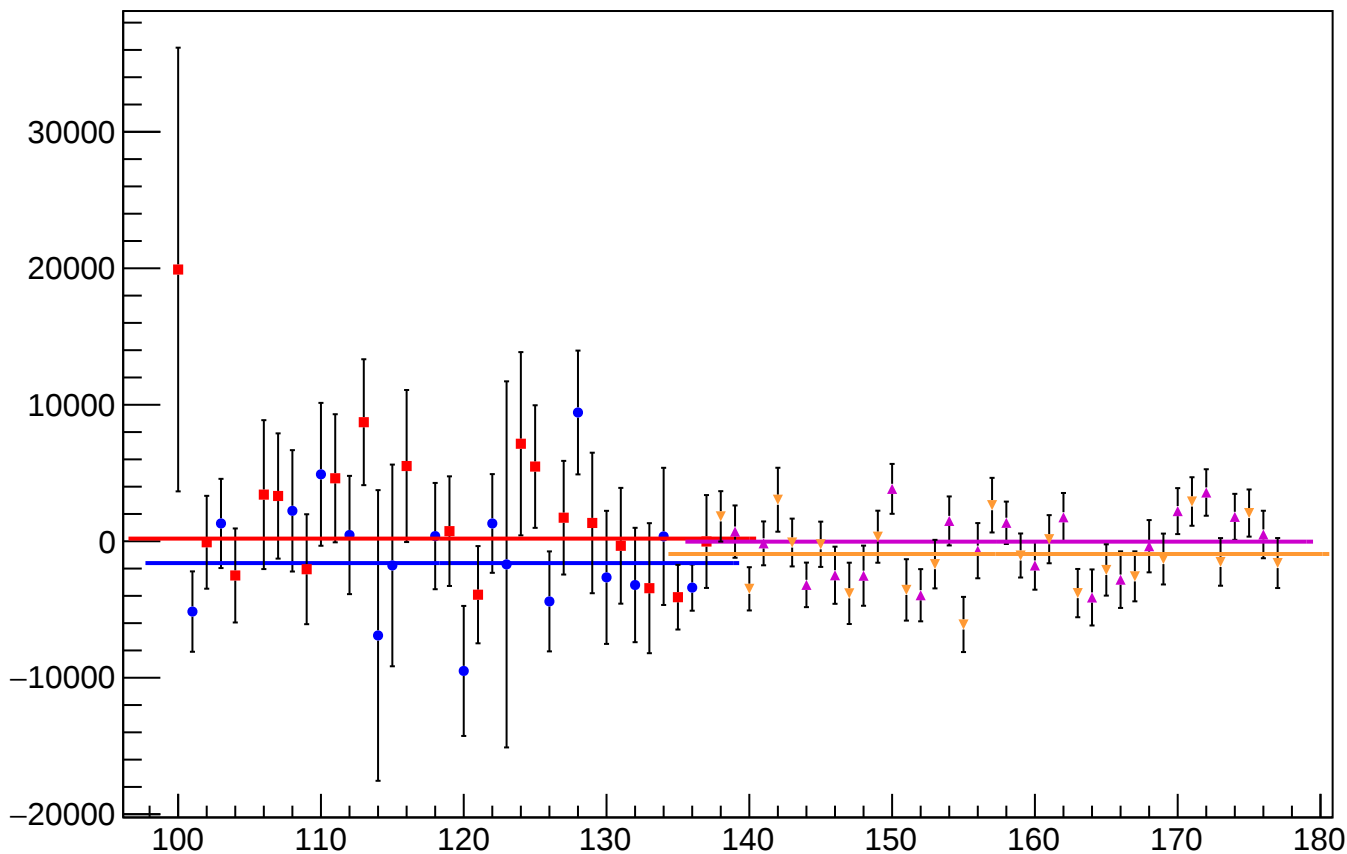
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 218.045 $\pm$ 0.033 χ^2 /NDF: 349488.7/35

Out: 217.277 $\pm$ 0.032 χ^2 /NDF: 479817.5/39

All: 217.648 $\pm$ 0.023 χ^2 /NDF: 829581.3/75

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -933.038 $\pm$ 401.049 χ^2 /NDF:33.6/20

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -28.818 $\pm$ 416.438 χ^2 /NDF:32.1/18

Left: -497.943 $\pm$ 288.872 χ^2 /NDF: 68.2/39

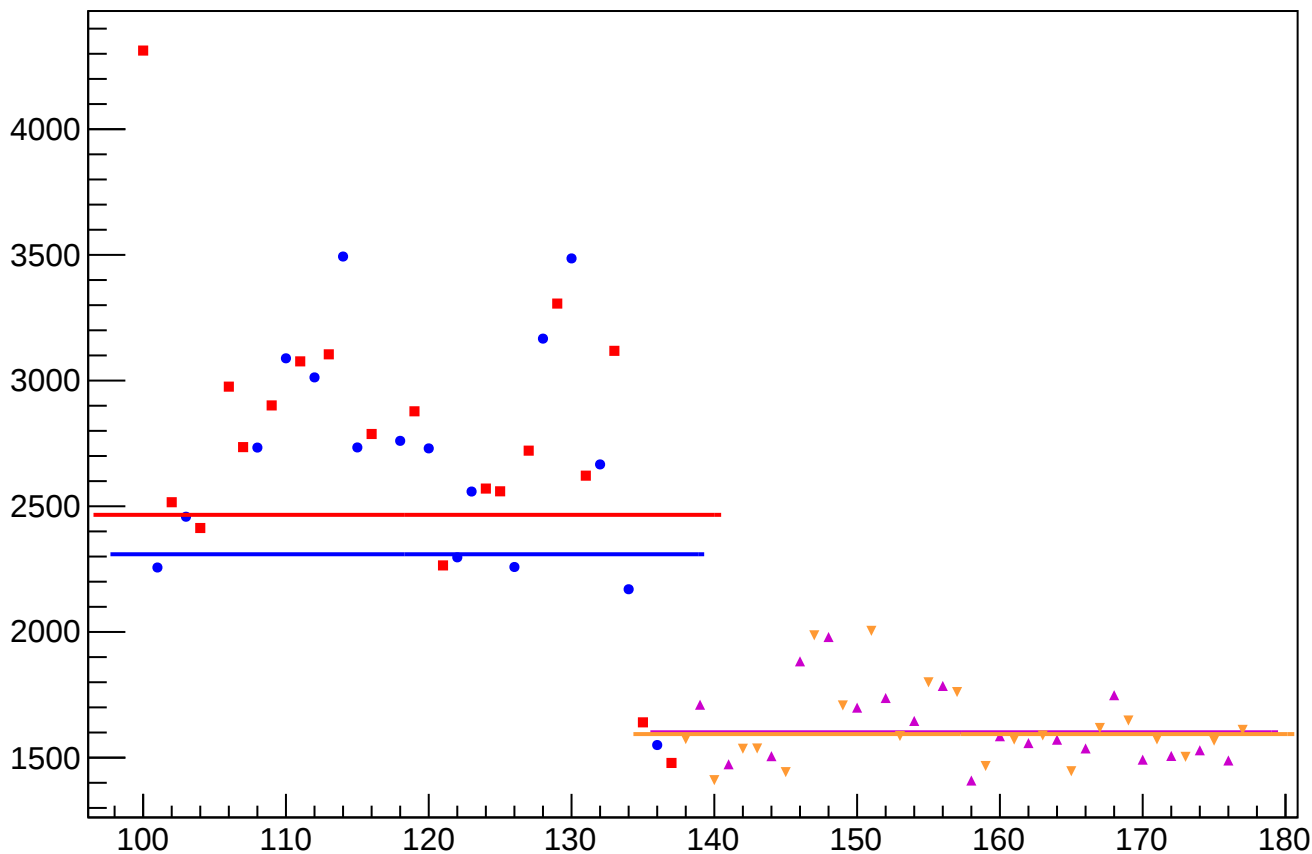
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -295.334 $\pm$ 379.454 χ^2 /NDF:51.2/35

Out: -761.645 $\pm$ 369.326 χ^2 /NDF:51.1/39

All: -534.796 $\pm$ 264.661 χ^2 /NDF: 103.1/75

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: 1600.993 $\pm$ 0.294 χ^2 /NDF: 227658.7/18

Left: 1597.245 $\pm$ 0.204 χ^2 /NDF: 478202.3/39

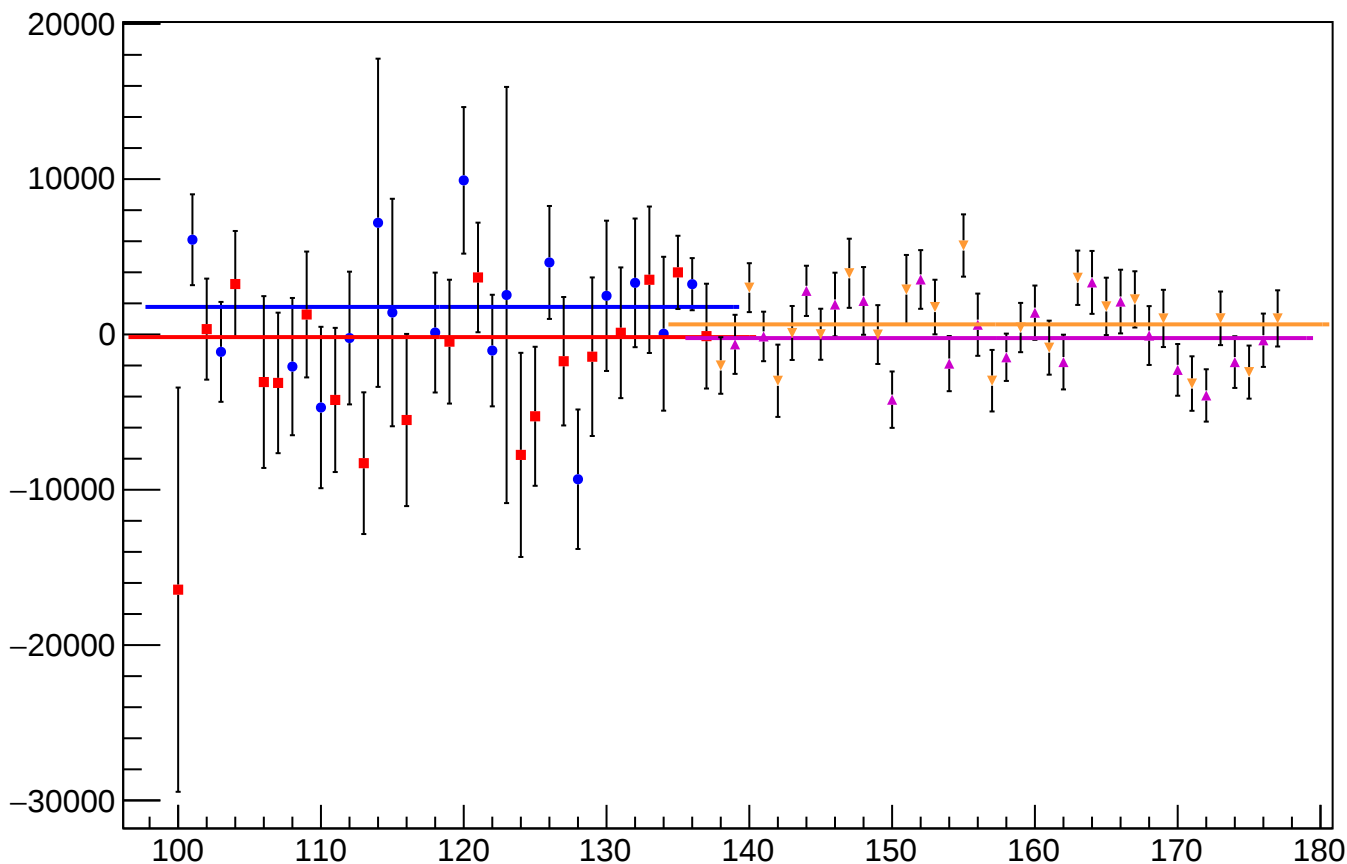
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1721.186 $\pm$ 0.268 χ^2 /NDF: 2009969.0/35

Out: 1726.283 $\pm$ 0.261 χ^2 /NDF: 2381386.3/39

All: 1723.804 $\pm$ 0.187 χ^2 /NDF: 4391540.6/75

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: -234.947+/-411.497 χ^2/NDF : 29.7/18

Left: 222.956+/-285.572 χ^2/NDF : 65.6/39

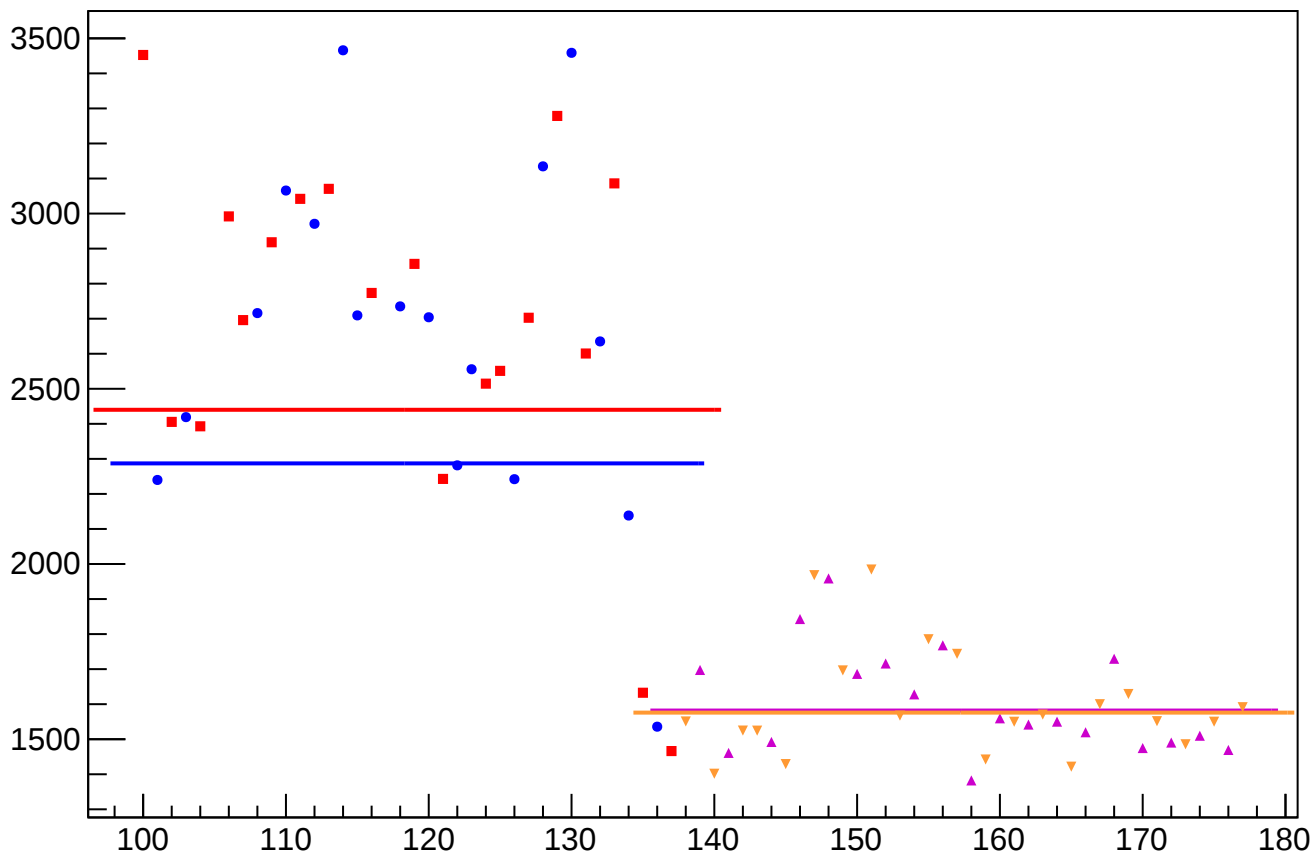
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 104.200+/-375.107 χ^2/NDF : 51.0/35

Out: 523.974+/-365.281 χ^2/NDF : 50.2/39

All: 319.657+/-261.698 χ^2/NDF : 101.8/75

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: 1581.823+/-0.291 χ^2/NDF : 229303.3/18

Left: 1578.765+/-0.202 χ^2/NDF : 483896.4/39

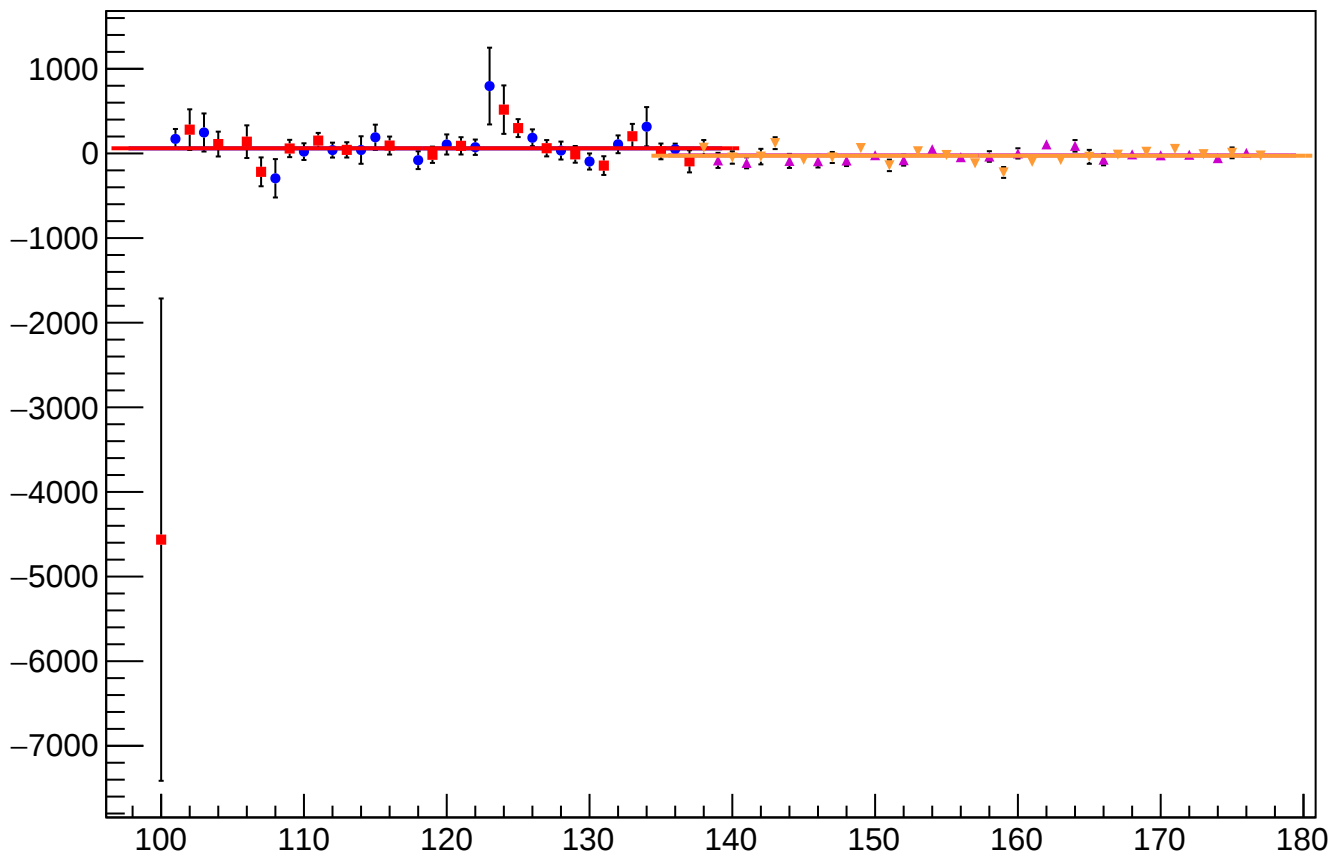
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1701.049+/-0.265 χ^2/NDF : 2021876.8/35

Out: 1707.139+/-0.258 χ^2/NDF : 2374997.0/39

All: 1704.175+/-0.185 χ^2/NDF : 4397144.4/75

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 $\chi^2/\text{NDF}: 15.3/16$

Left Out: -26.982 ± 12.905 $\chi^2/\text{NDF}: 31.2/20$

Right Out: 60.983 ± 27.009 $\chi^2/\text{NDF}: 22.3/18$

Left In: -23.109 ± 13.521 $\chi^2/\text{NDF}: 16.7/18$

Left: -25.136 ± 9.336 $\chi^2/\text{NDF}: 47.9/39$

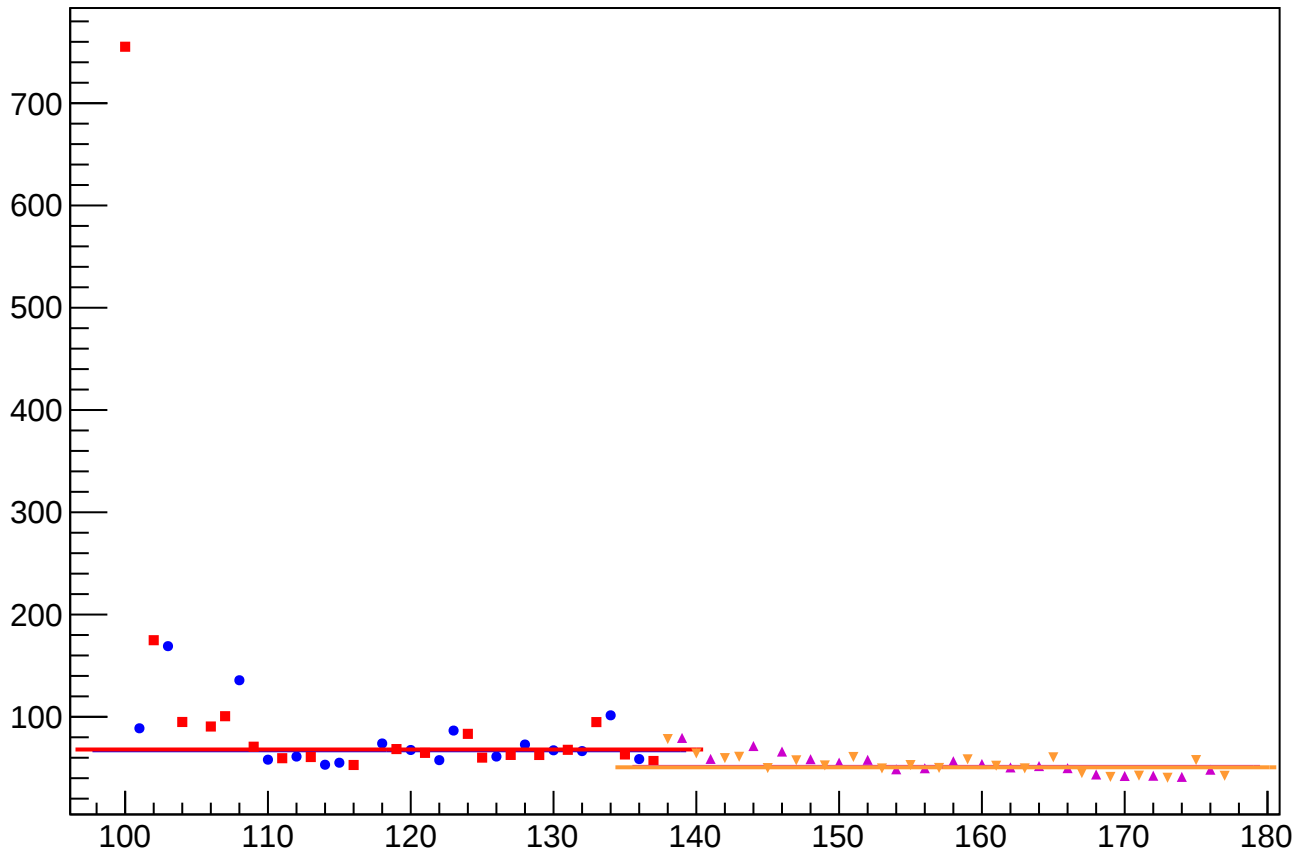
Right: 60.322 ± 19.123 $\chi^2/\text{NDF}: 37.7/35$

In: -6.592 ± 12.097 $\chi^2/\text{NDF}: 39.5/35$

Out: -10.632 ± 11.644 $\chi^2/\text{NDF}: 62.1/39$

All: -8.689 ± 8.389 $\chi^2/\text{NDF}: 101.7/75$

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: 51.053 $\pm$ 0.010 χ^2 /NDF: 795955.3/18

Left: 50.844 $\pm$ 0.007 χ^2 /NDF: 1582346.4/39

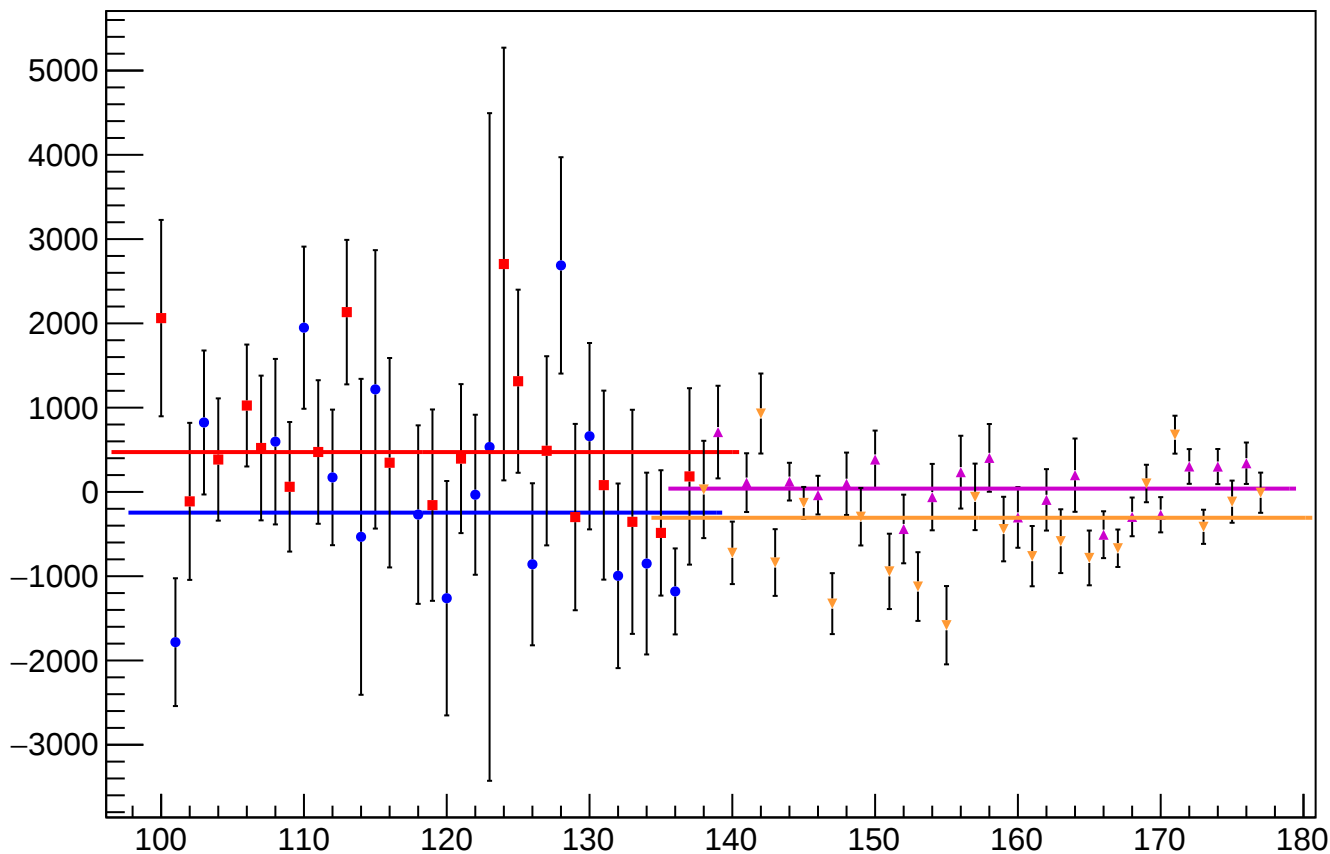
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 54.295 $\pm$ 0.009 χ^2 /NDF: 2213334.9/35

Out: 53.889 $\pm$ 0.008 χ^2 /NDF: 2332300.0/39

All: 54.084 $\pm$ 0.006 χ^2 /NDF: 4546801.0/75

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 $\chi^2/\text{NDF}: 23.8/16$

Left Out: -306.728 ± 65.038 $\chi^2/\text{NDF}: 65.0/20$

Right Out: 472.860 ± 218.823 $\chi^2/\text{NDF}: 11.3/18$

Left In: 39.268 ± 66.113 $\chi^2/\text{NDF}: 19.4/18$

Left: -136.564 ± 46.364 $\chi^2/\text{NDF}: 98.3/39$

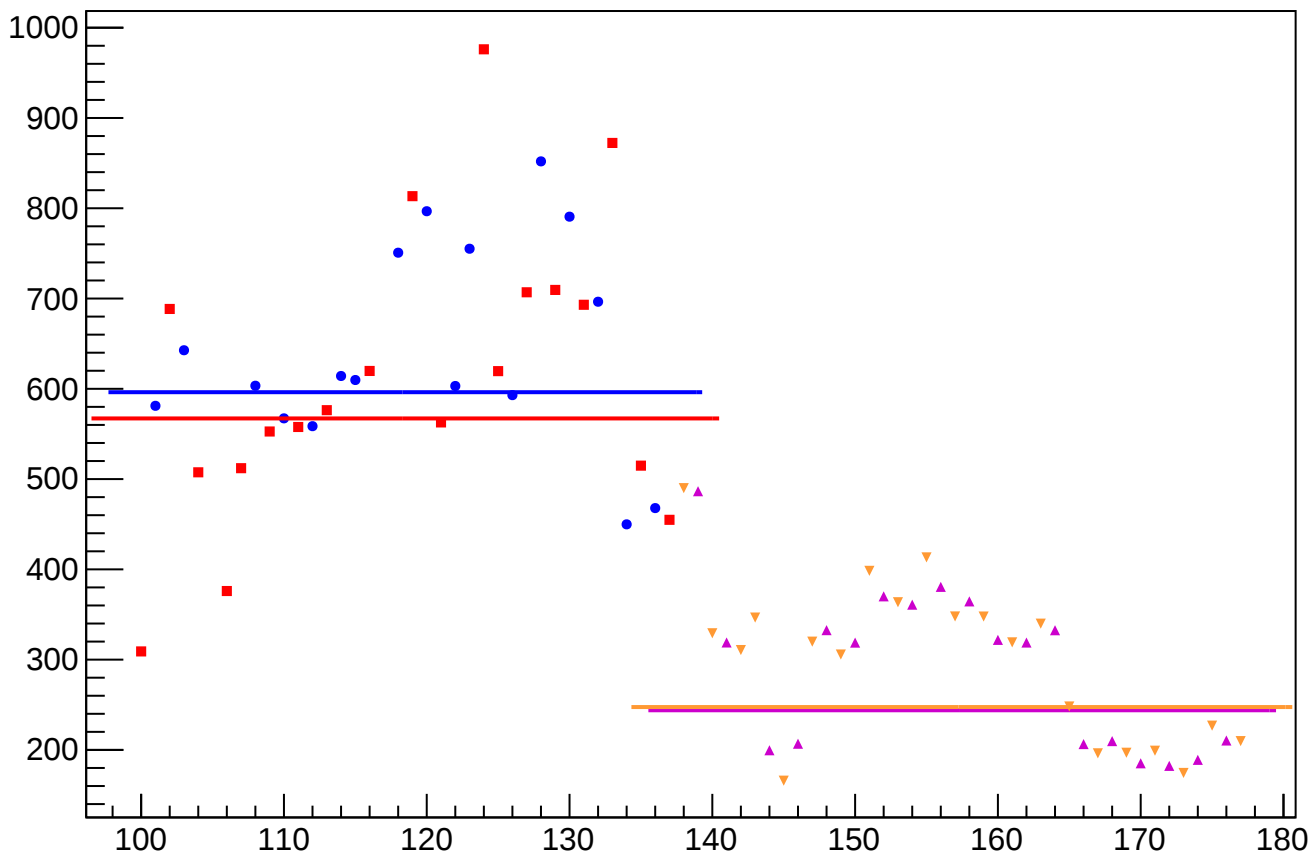
Right: 139.807 ± 160.273 $\chi^2/\text{NDF}: 40.1/35$

In: 18.440 ± 63.650 $\chi^2/\text{NDF}: 44.5/35$

Out: -243.450 ± 62.343 $\chi^2/\text{NDF}: 88.0/39$

All: -115.222 ± 44.538 $\chi^2/\text{NDF}: 141.1/75$

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 247.472+/-0.046 χ^2/NDF : 2854897.3/20

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 243.913+/-0.047 χ^2/NDF : 2427263.0/18

Left: 245.721+/-0.033 χ^2/NDF : 5285106.1/39

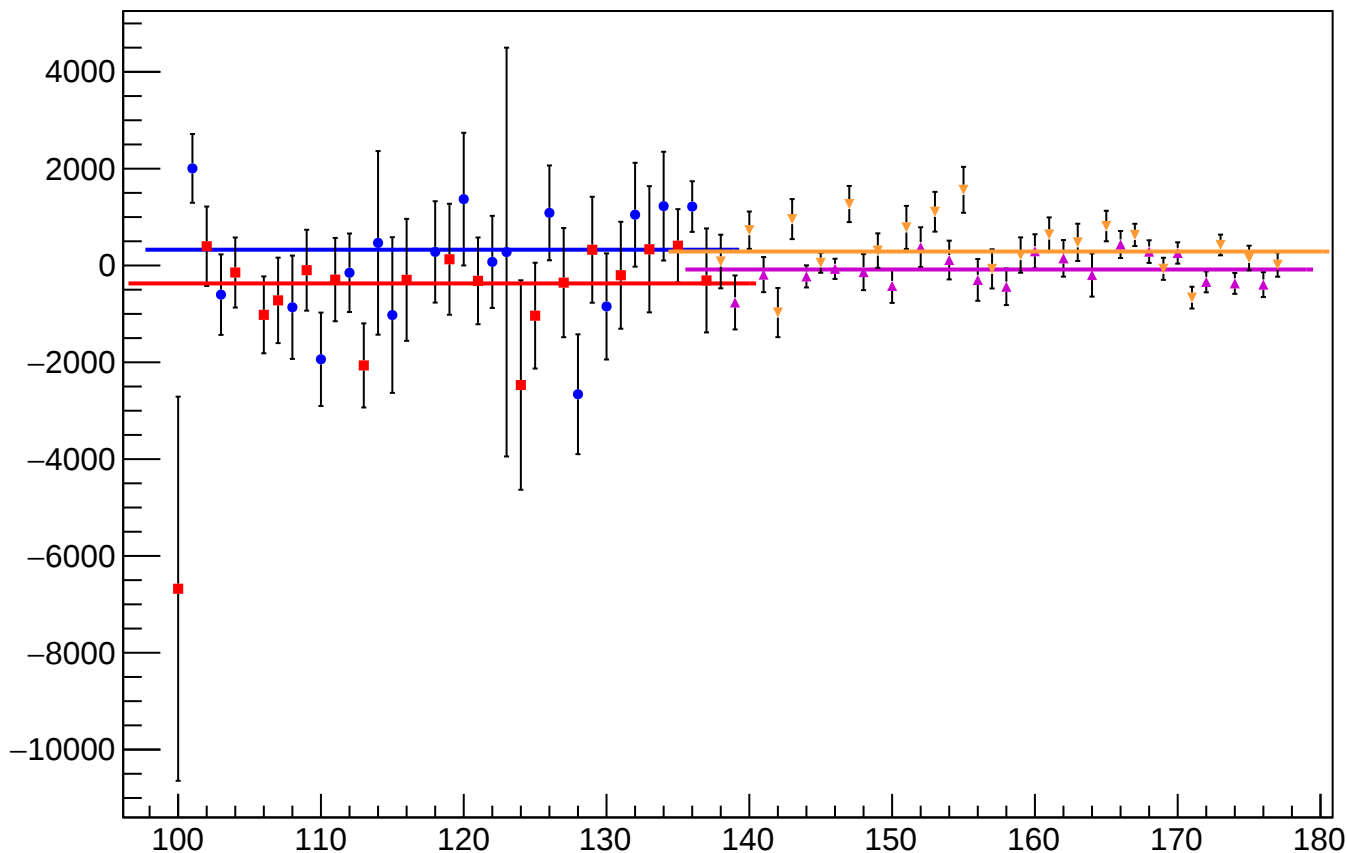
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 269.671+/-0.045 χ^2/NDF : 7002186.3/35

Out: 273.422+/-0.044 χ^2/NDF : 7452924.3/39

All: 271.585+/-0.031 χ^2/NDF : 14458655.0/75

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: -82.797+/-67.017 χ^2/NDF :20.1/18

Left: 103.375+/-47.328 χ^2/NDF : 95.7/39

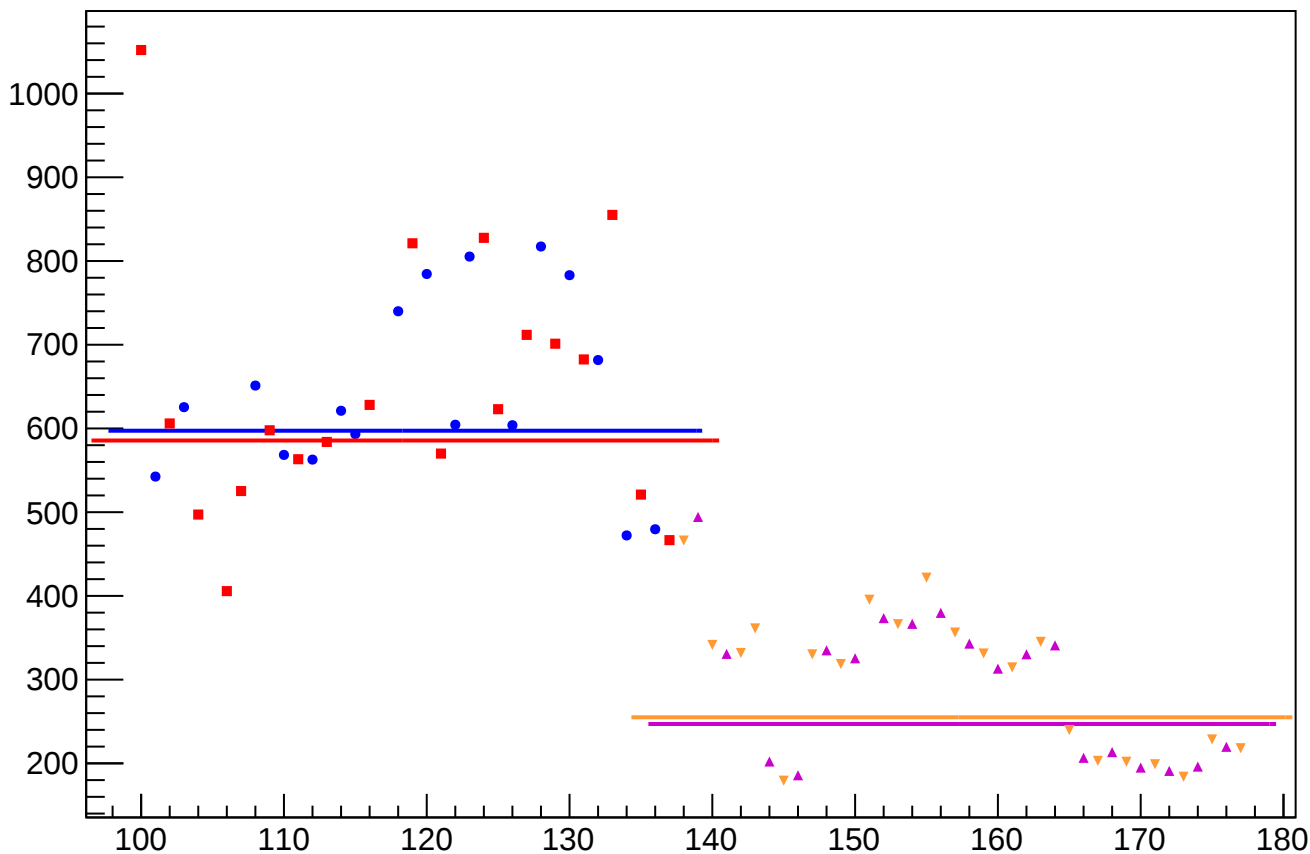
Right: -38.515+/-162.676 χ^2/NDF : 43.0/35

In: -52.190+/-64.460 χ^2/NDF :49.8/35

Out: 235.078+/-64.076 χ^2/NDF :79.7/39

All: 92.303+/-45.444 χ^2/NDF : 139.4/75

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: 247.007 $\pm$ 0.047 χ^2 /NDF:2366044.9/18

Left: 251.022 $\pm$ 0.033 χ^2 /NDF: 4964167.0/39

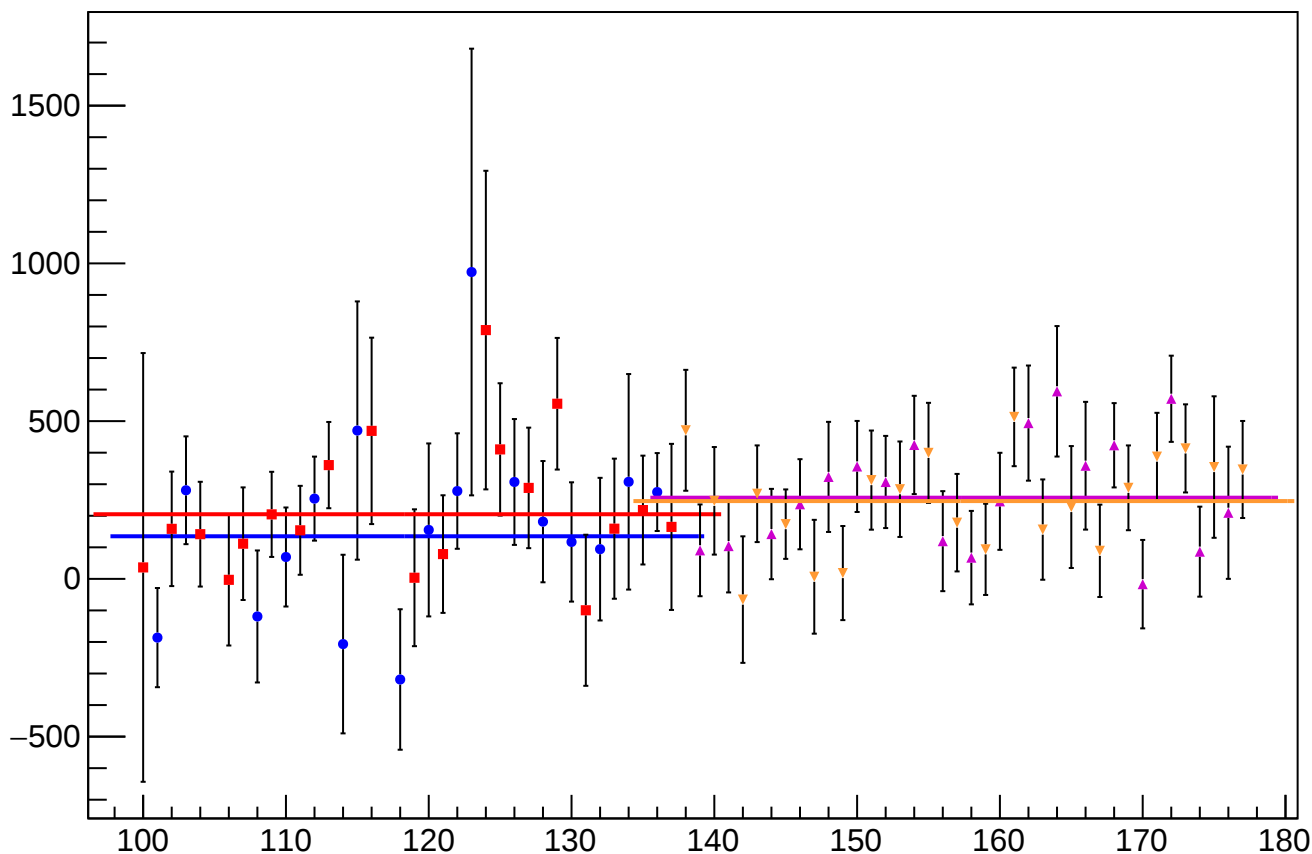
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 273.229 $\pm$ 0.046 χ^2 /NDF:6819946.7/35

Out: 281.854 $\pm$ 0.045 χ^2 /NDF:7029546.4/39

All: 277.567 $\pm$ 0.032 χ^2 /NDF: 13867506.8/75

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: 257.314 $\pm$ 35.396 χ^2 /NDF:24.1/18

Left: 251.700 $\pm$ 24.443 χ^2 /NDF: 42.6/39

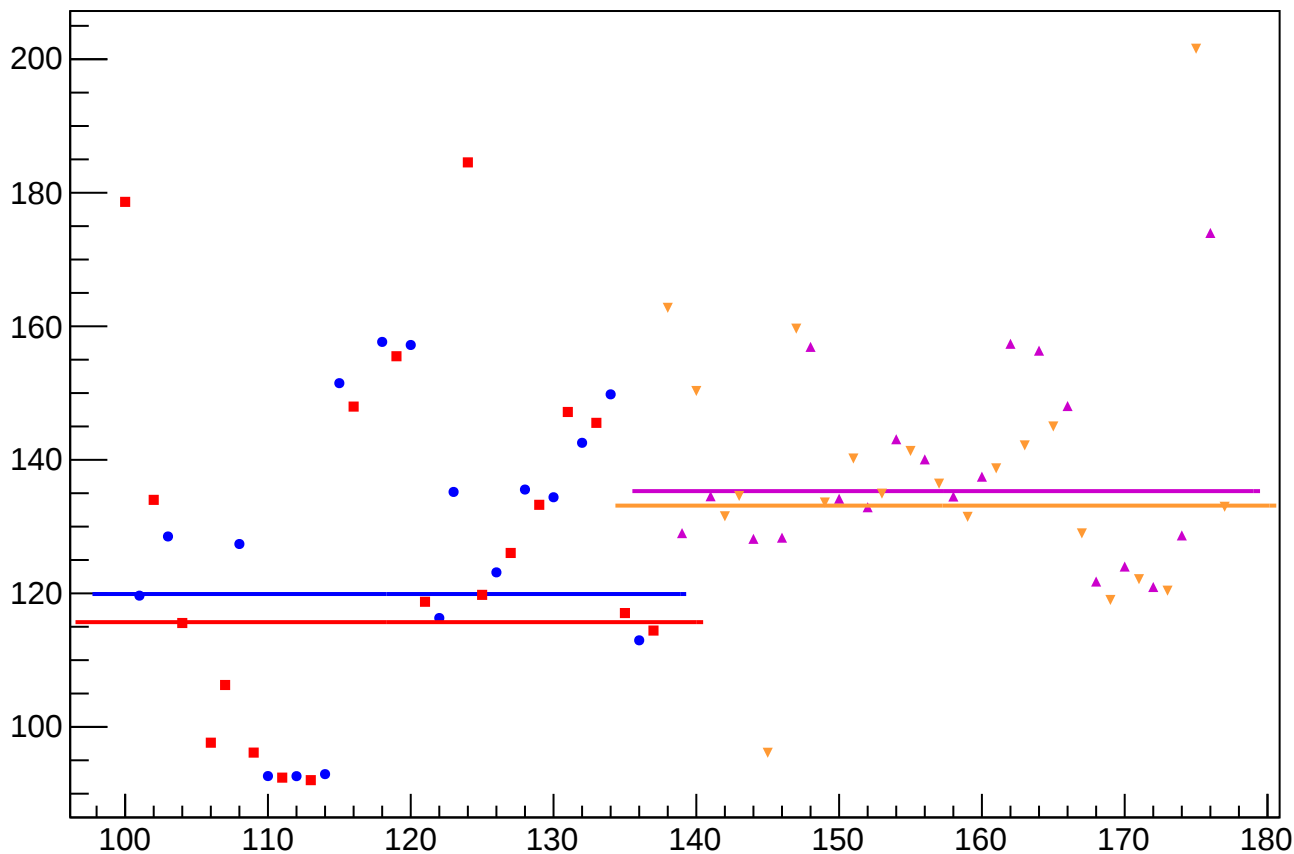
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 213.088 $\pm$ 28.280 χ^2 /NDF:46.4/35

Out: 231.298 $\pm$ 26.900 χ^2 /NDF:31.1/39

All: 222.648 $\pm$ 19.491 χ^2 /NDF: 77.8/75

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: 135.316 $\pm$ 0.025 χ^2/NDF : 238044.5/18

Left: 134.180 $\pm$ 0.017 χ^2/NDF : 846235.2/39

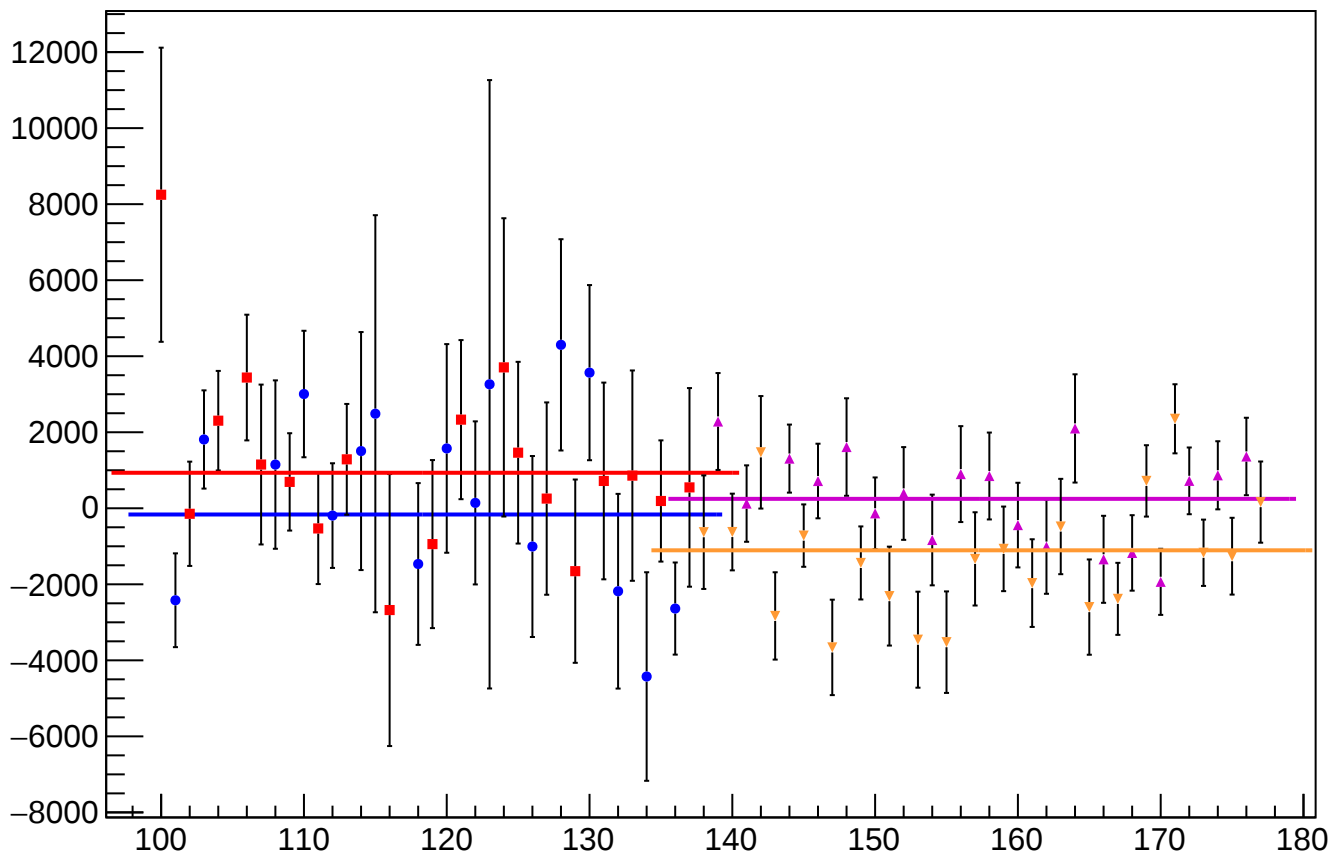
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 129.742 $\pm$ 0.020 χ^2/NDF : 720697.4/35

Out: 126.750 $\pm$ 0.019 χ^2/NDF : 1235023.5/39

All: 128.171 $\pm$ 0.014 χ^2/NDF : 1967469.3/75

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1105.827 $\pm$ 237.325 χ^2 /NDF:41.5/20

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 247.833 $\pm$ 242.903 χ^2 /NDF:22.2/18

Left: -444.717 $\pm$ 169.752 χ^2 /NDF: 79.6/39

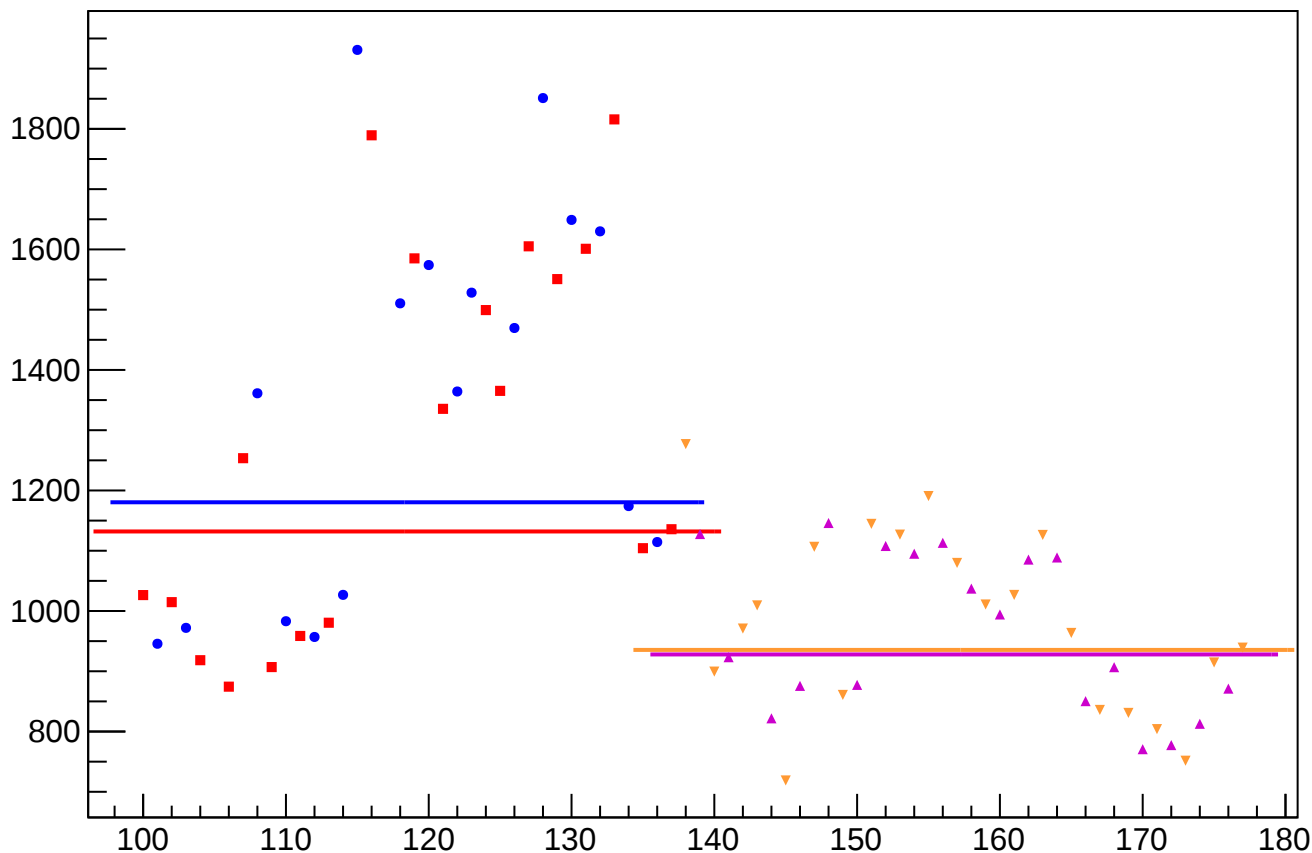
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 160.999 $\pm$ 215.749 χ^2 /NDF:46.5/35

Out: -642.300 $\pm$ 208.625 χ^2 /NDF:71.2/39

All: -254.131 $\pm$ 149.975 χ^2 /NDF: 124.9/75

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2/NDF : 668845.5/16

Left Out: 935.438 $\pm$ 0.168 χ^2/NDF : 751020.9/20

Right Out: 1131.979 $\pm$ 0.309 χ^2/NDF : 761904.0/18

Left In: 927.921 $\pm$ 0.172 χ^2/NDF : 528879.8/18

Left: 931.766 $\pm$ 0.120 χ^2/NDF : 1280880.6/39

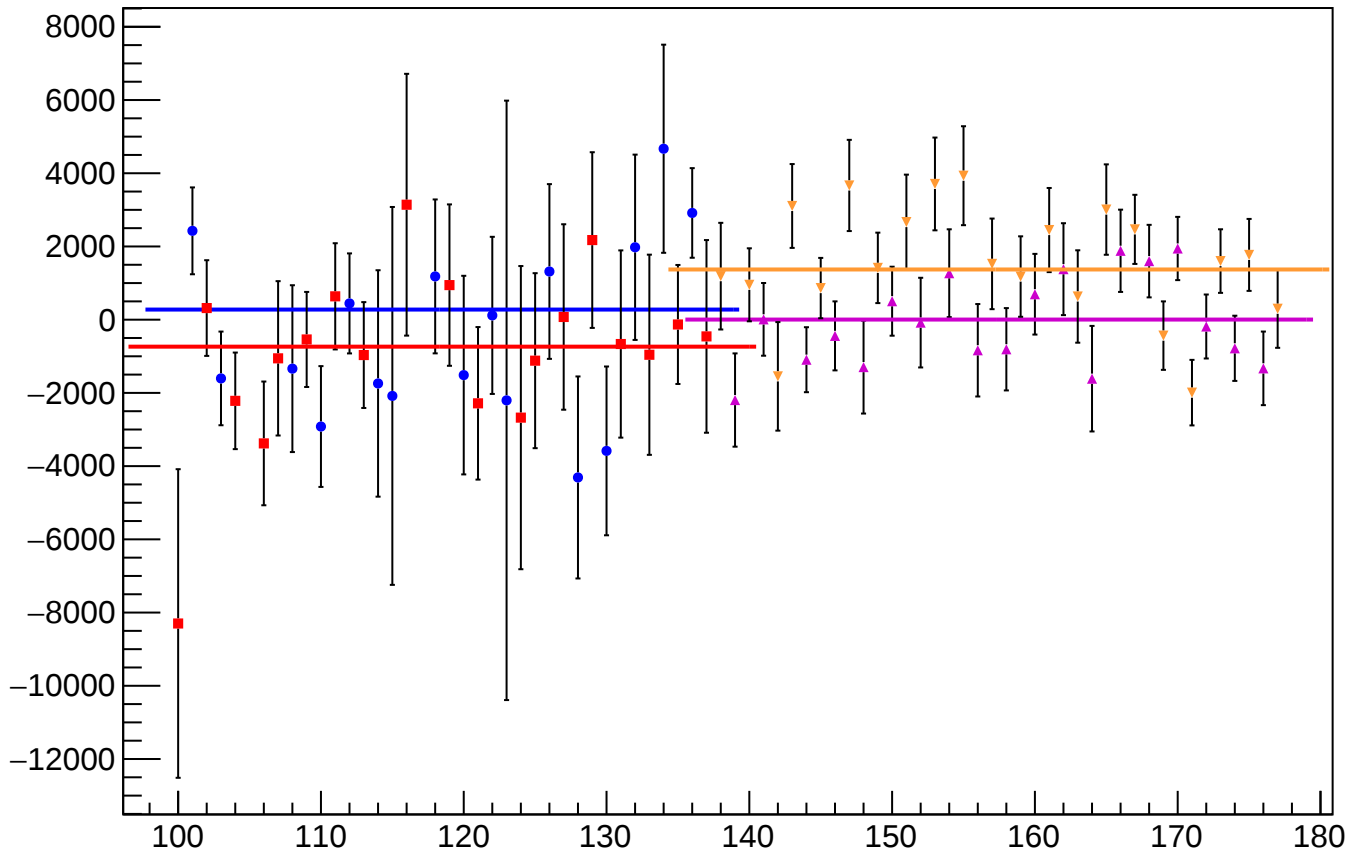
Right: 1154.488 $\pm$ 0.226 χ^2/NDF : 1442131.1/35

In: 981.216 $\pm$ 0.153 χ^2/NDF : 1653848.2/35

Out: 980.099 $\pm$ 0.148 χ^2/NDF : 1824620.4/39

All: 980.639 $\pm$ 0.106 χ^2/NDF : 3478496.3/75

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: 3.218 $\pm$ 241.090 χ^2/NDF :24.0/18

Left: 701.506 $\pm$ 168.699 χ^2/NDF : 82.1/39

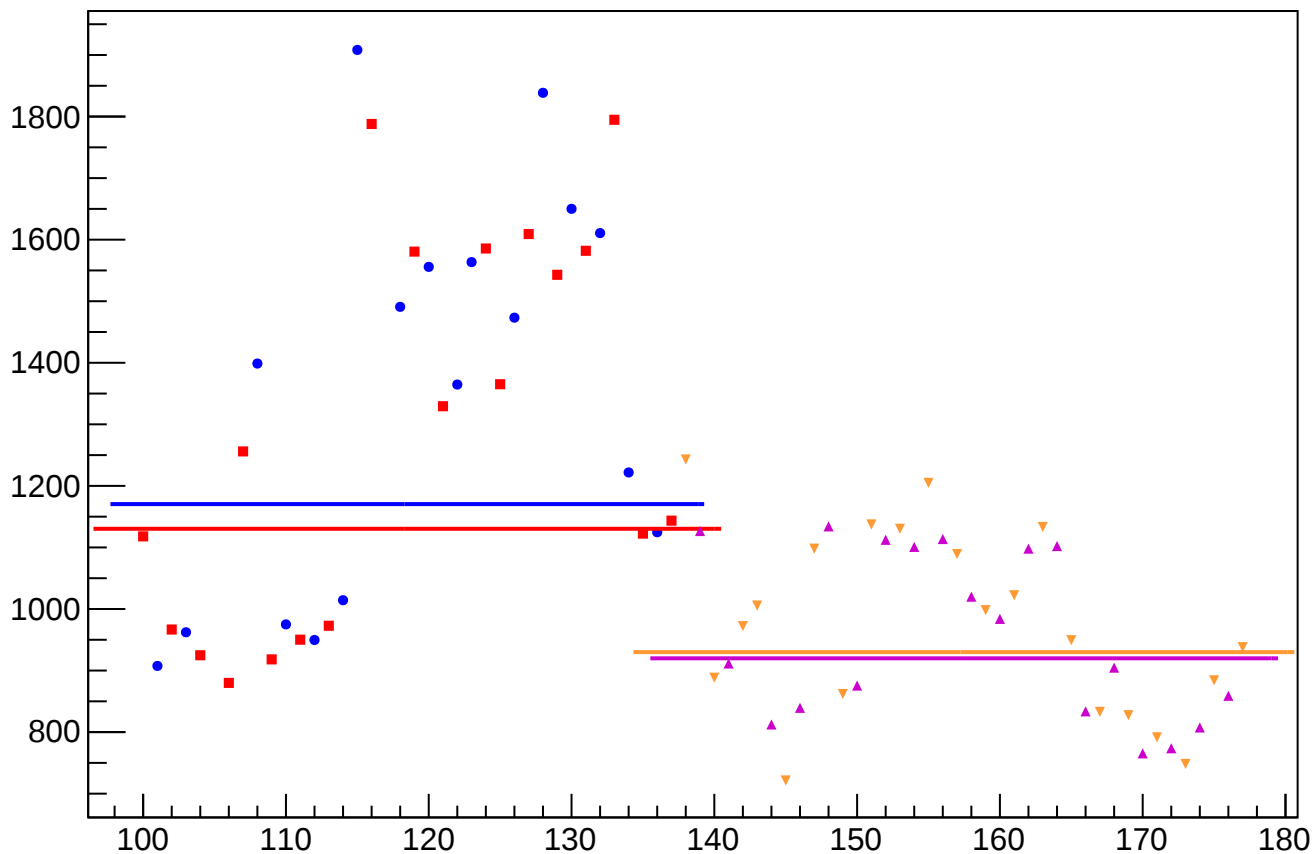
Right: -262.610 $\pm$ 319.075 χ^2/NDF : 39.7/35

In: 60.821 $\pm$ 214.171 χ^2/NDF :48.6/35

Out: 895.719 $\pm$ 207.797 χ^2/NDF :72.4/39

All: 490.878 $\pm$ 149.137 χ^2/NDF : 128.9/75

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: 919.863 $\pm$ 0.170 χ^2/NDF : 566480.7/18

Left: 925.016 $\pm$ 0.119 χ^2/NDF : 1324037.3/39

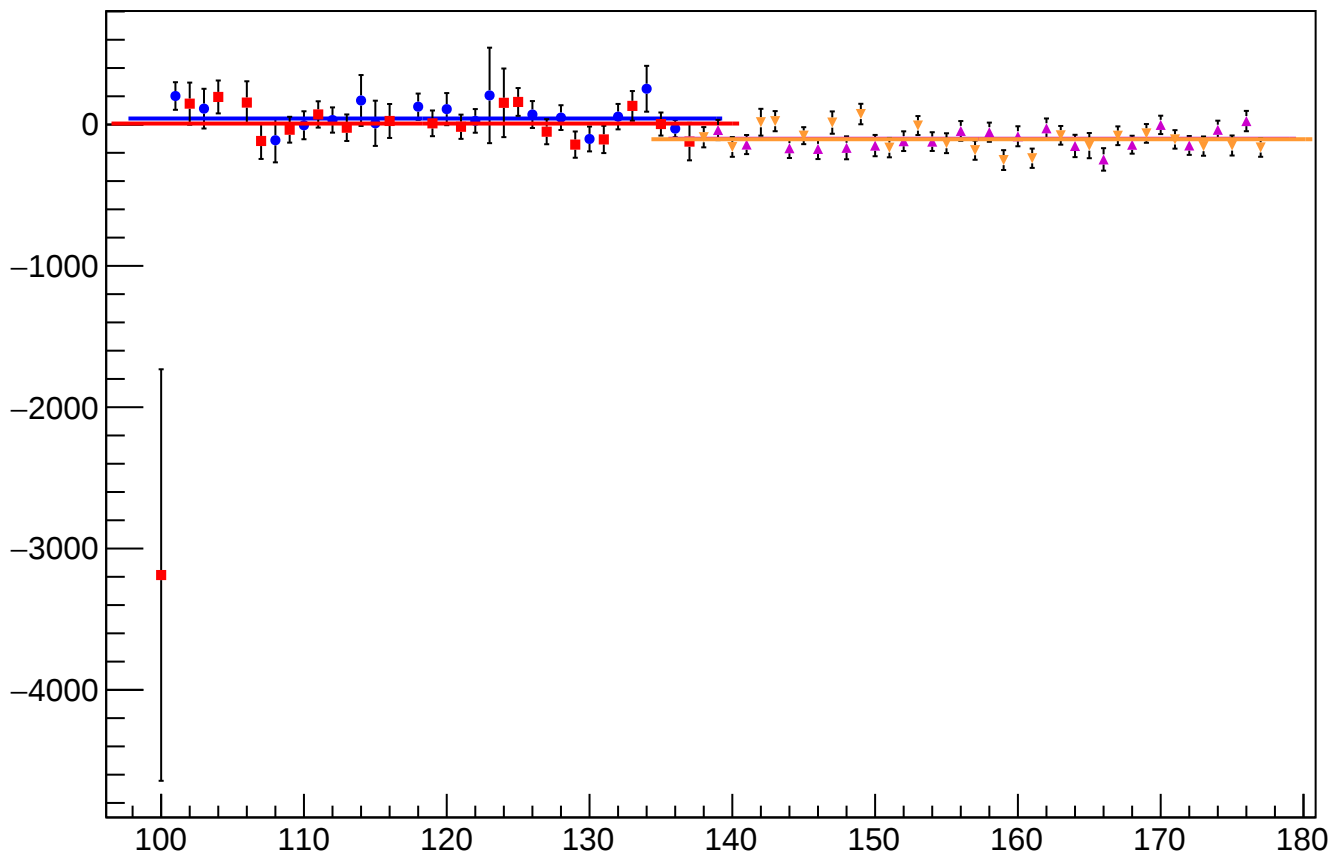
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 972.688 $\pm$ 0.151 χ^2/NDF : 1727363.6/35

Out: 975.170 $\pm$ 0.147 χ^2/NDF : 1843712.0/39

All: 973.967 $\pm$ 0.105 χ^2/NDF : 3571214.0/75

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: -100.538 ± 16.075 $\chi^2/\text{NDF}: 17.6/18$

Left: -102.299 ± 11.066 $\chi^2/\text{NDF}: 46.8/39$

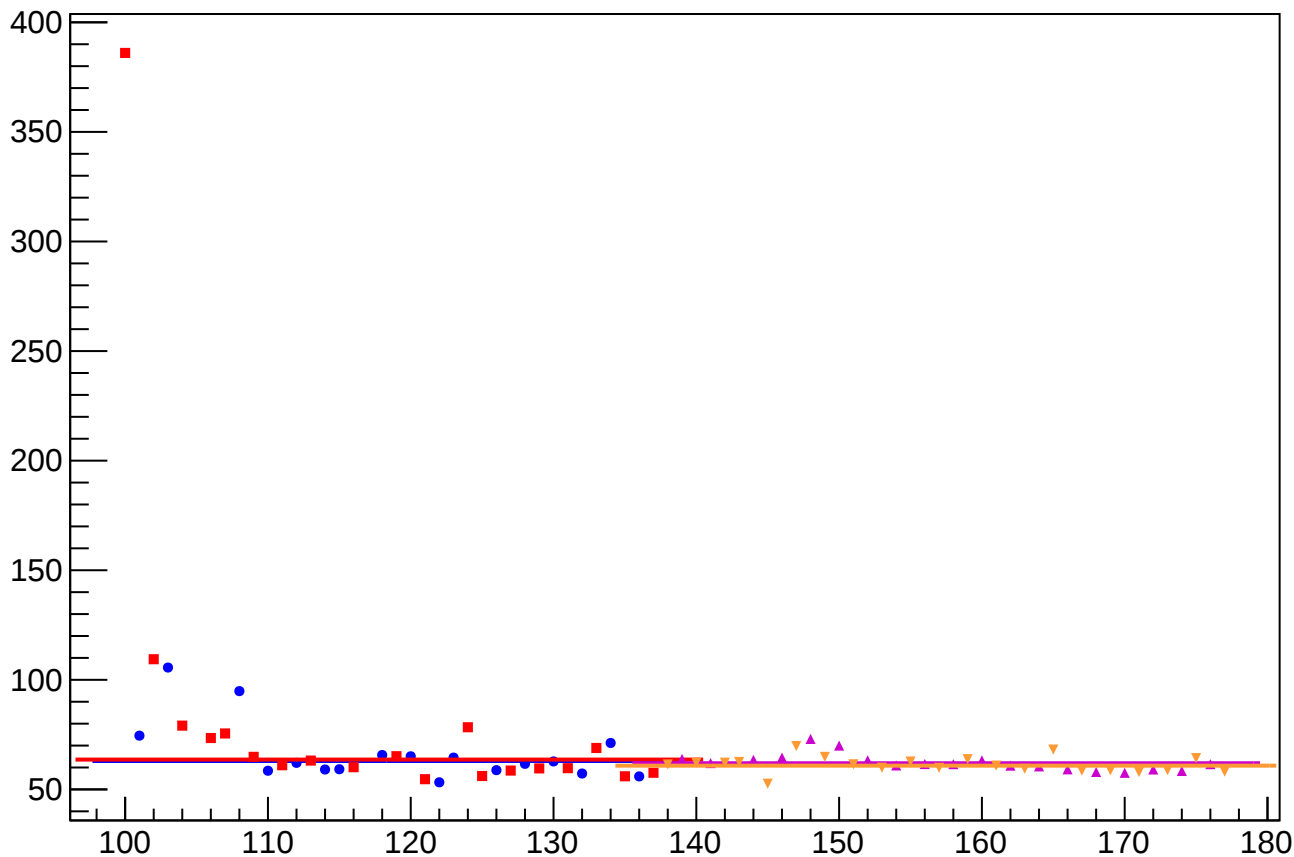
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -57.931 ± 13.473 $\chi^2/\text{NDF}: 53.2/35$

Out: -72.858 ± 12.949 $\chi^2/\text{NDF}: 64.6/39$

All: -65.691 ± 9.336 $\chi^2/\text{NDF}: 118.4/75$

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: 61.937 $\pm$ 0.011 χ^2 /NDF: 97485.0/18

Left: 61.359 $\pm$ 0.008 χ^2 /NDF: 212867.6/39

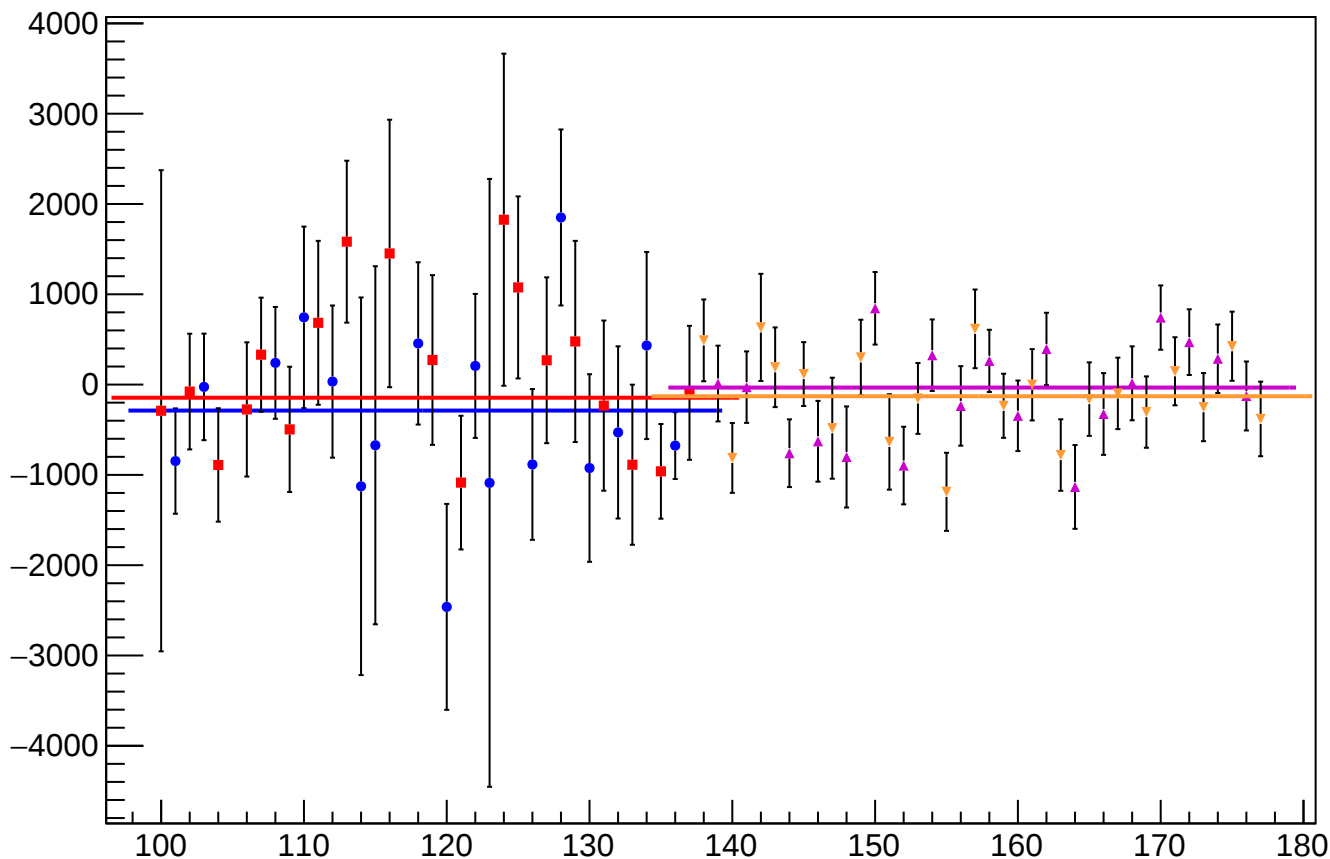
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.247 $\pm$ 0.010 χ^2 /NDF: 475255.7/35

Out: 61.615 $\pm$ 0.009 χ^2 /NDF: 562516.8/39

All: 61.919 $\pm$ 0.007 χ^2 /NDF: 1040059.8/75

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682+/-189.888 χ^2/NDF : 15.4/16

Left Out: -129.187+/-90.000 χ^2/NDF : 25.2/20

Right Out: -145.341+/-187.312 χ^2/NDF : 16.1/18

Left In: -32.968+/-92.676 χ^2/NDF : 33.2/18

Left: -82.487+/-64.565 χ^2/NDF : 59.0/39

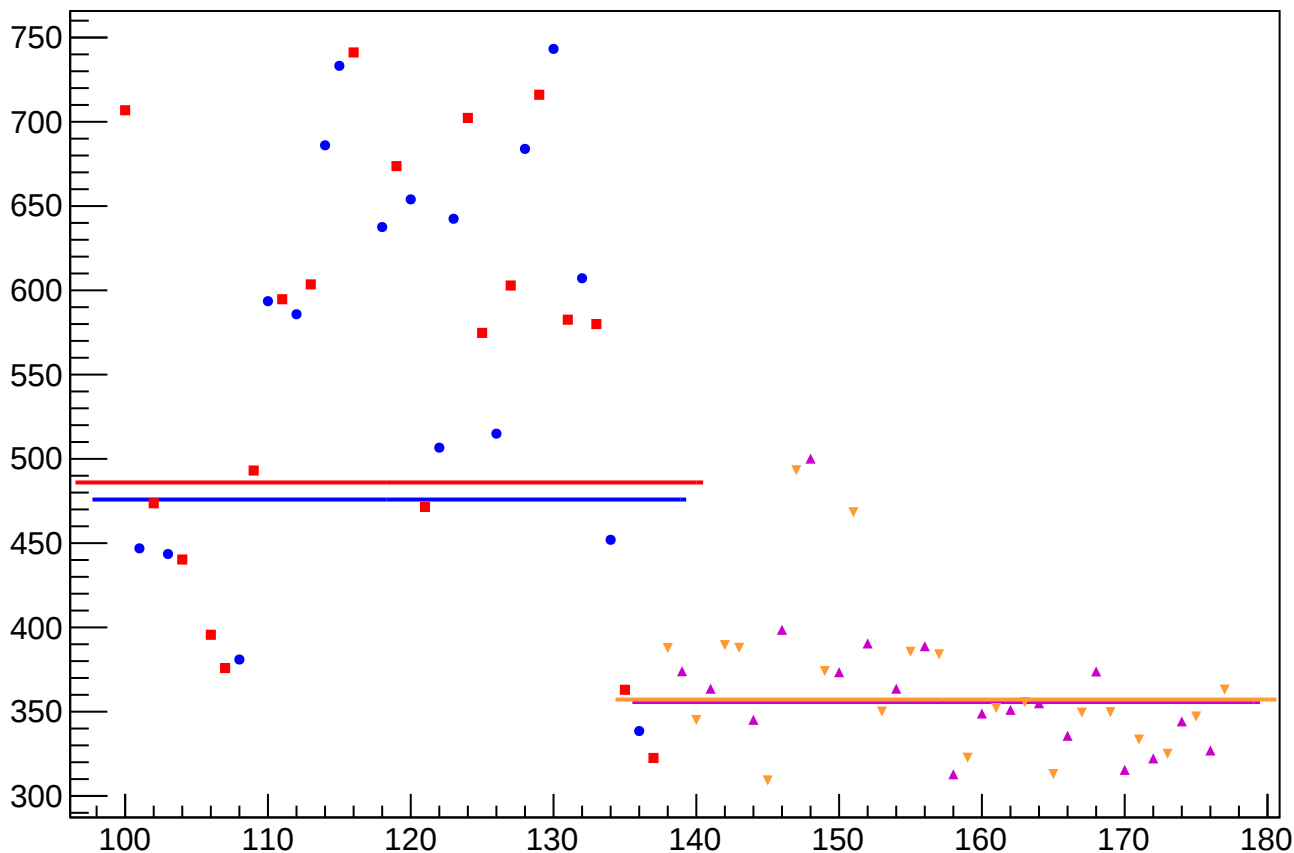
Right: -215.540+/-133.351 χ^2/NDF : 31.7/35

In: -81.969+/-83.286 χ^2/NDF : 50.1/35

Out: -132.217+/-81.122 χ^2/NDF : 41.2/39

All: -107.755+/-58.112 χ^2/NDF : 91.5/75

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: 355.730+/-0.066 χ^2/NDF : 282077.8/18

Left: 356.486+/-0.046 χ^2/NDF : 641308.0/39

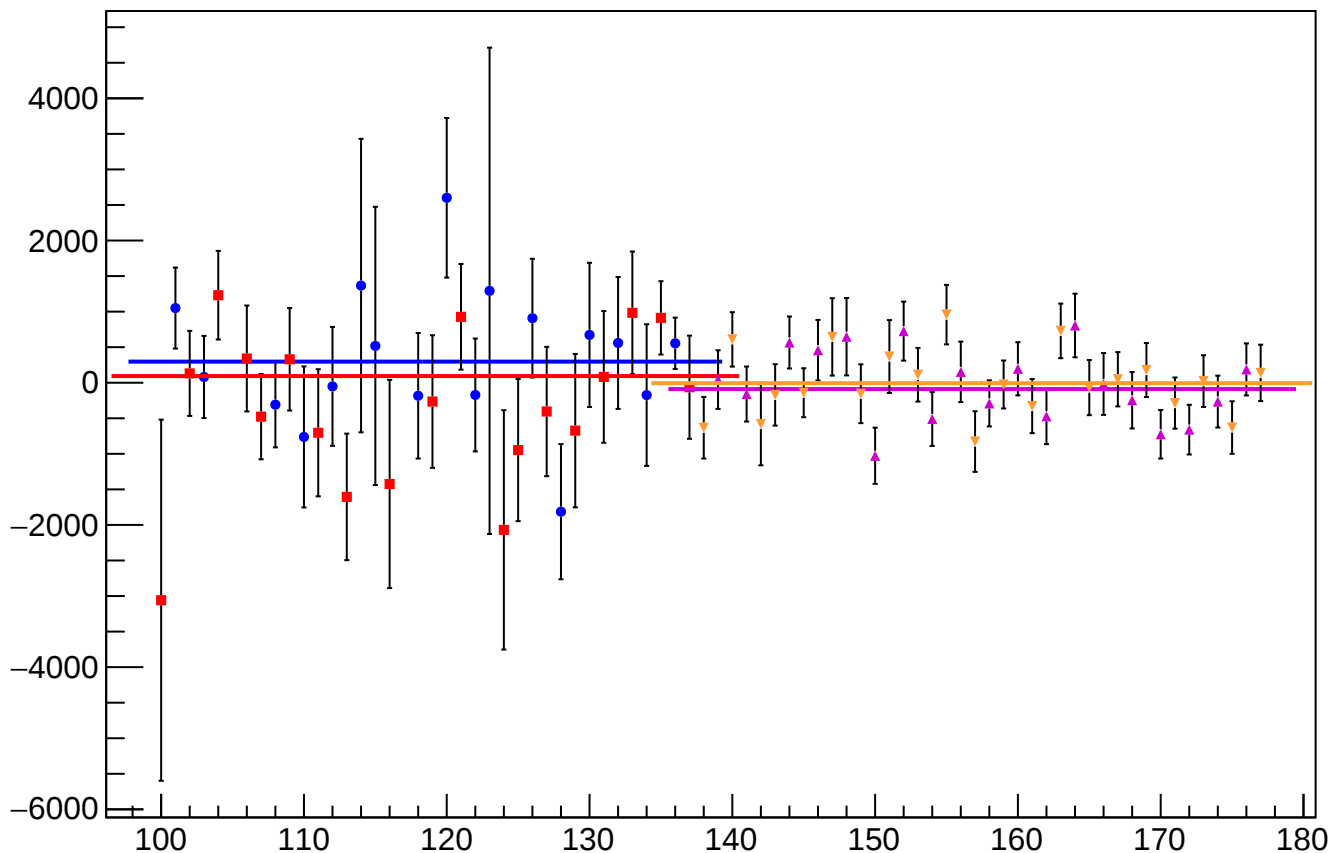
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 378.842+/-0.059 χ^2/NDF : 1766472.8/35

Out: 381.359+/-0.057 χ^2/NDF : 1857513.3/39

All: 380.134+/-0.041 χ^2/NDF : 3624923.8/75

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -6.327 $\pm$ 87.025 χ^2 /NDF:25.4/20

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: -89.389 $\pm$ 89.389 χ^2 /NDF:30.9/18

Left: -46.745 $\pm$ 62.355 χ^2 /NDF: 56.8/39

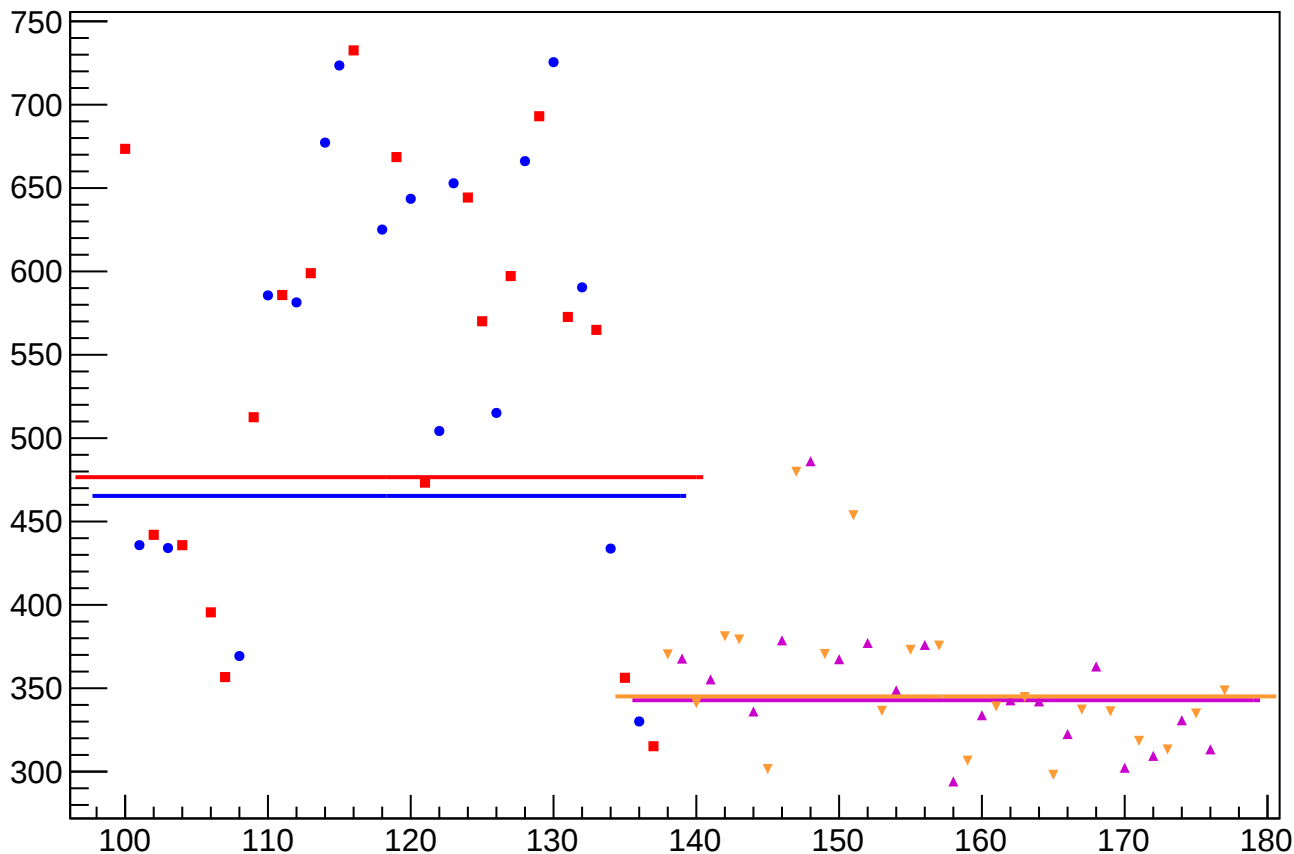
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: -16.879 $\pm$ 80.566 χ^2 /NDF:50.3/35

Out: 11.939 $\pm$ 78.663 χ^2 /NDF:45.8/39

All: -2.126 $\pm$ 56.284 χ^2 /NDF: 96.1/75

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: 342.824+/-0.063 χ^2/NDF : 314549.8/18

Left: 344.000+/-0.044 χ^2/NDF : 700448.7/39

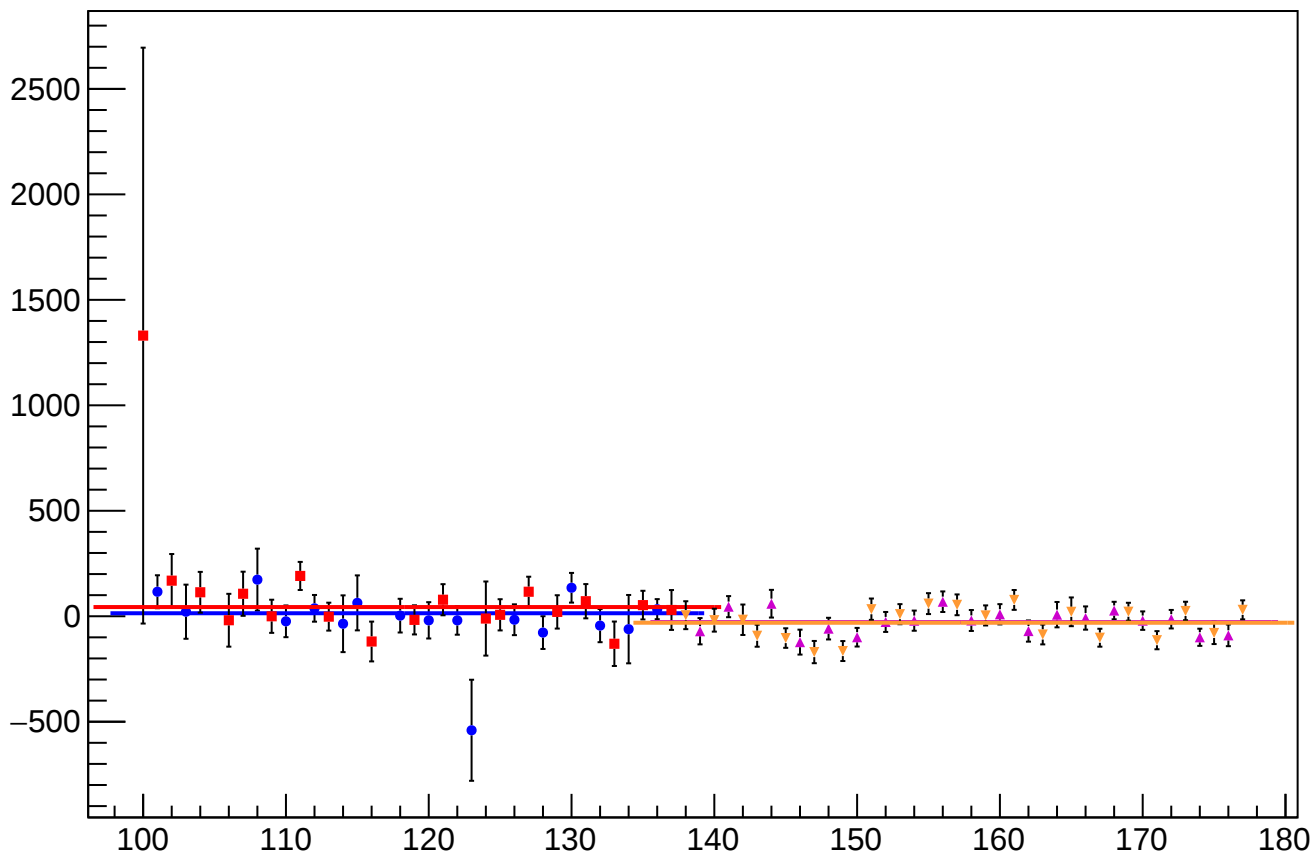
Right: 471.039+/-0.092 χ^2/NDF : 1617050.9/35

In: 365.820+/-0.057 χ^2/NDF : 1880226.0/35

Out: 369.167+/-0.056 χ^2/NDF : 1973349.3/39

All: 367.533+/-0.040 χ^2/NDF : 3855343.2/75

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 χ^2/NDF : 14.8/16

Left Out: -30.723 ± 10.758 χ^2/NDF : 48.0/20

Right Out: 43.602 ± 19.648 χ^2/NDF : 17.0/18

Left In: -27.658 ± 11.310 χ^2/NDF : 22.2/18

Left: -29.267 ± 7.795 χ^2/NDF : 70.3/39

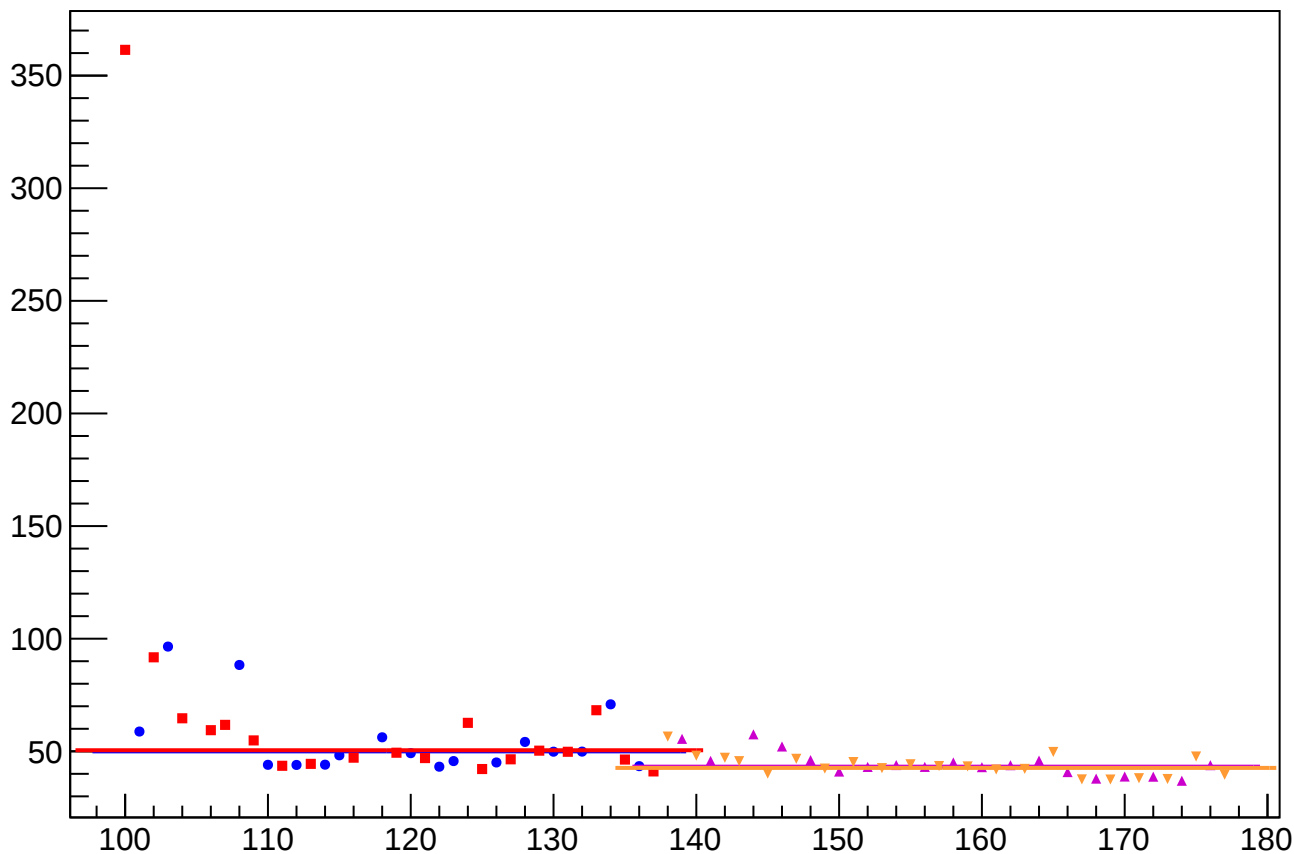
Right: 29.090 ± 13.970 χ^2/NDF : 32.9/35

In: -17.400 ± 9.829 χ^2/NDF : 40.4/35

Out: -13.580 ± 9.436 χ^2/NDF : 76.1/39

All: -15.412 ± 6.807 χ^2/NDF : 116.5/75

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: 43.185 $\pm$ 0.008 χ^2/NDF : 368998.1/18

Left: 42.893 $\pm$ 0.006 χ^2/NDF : 676494.4/39

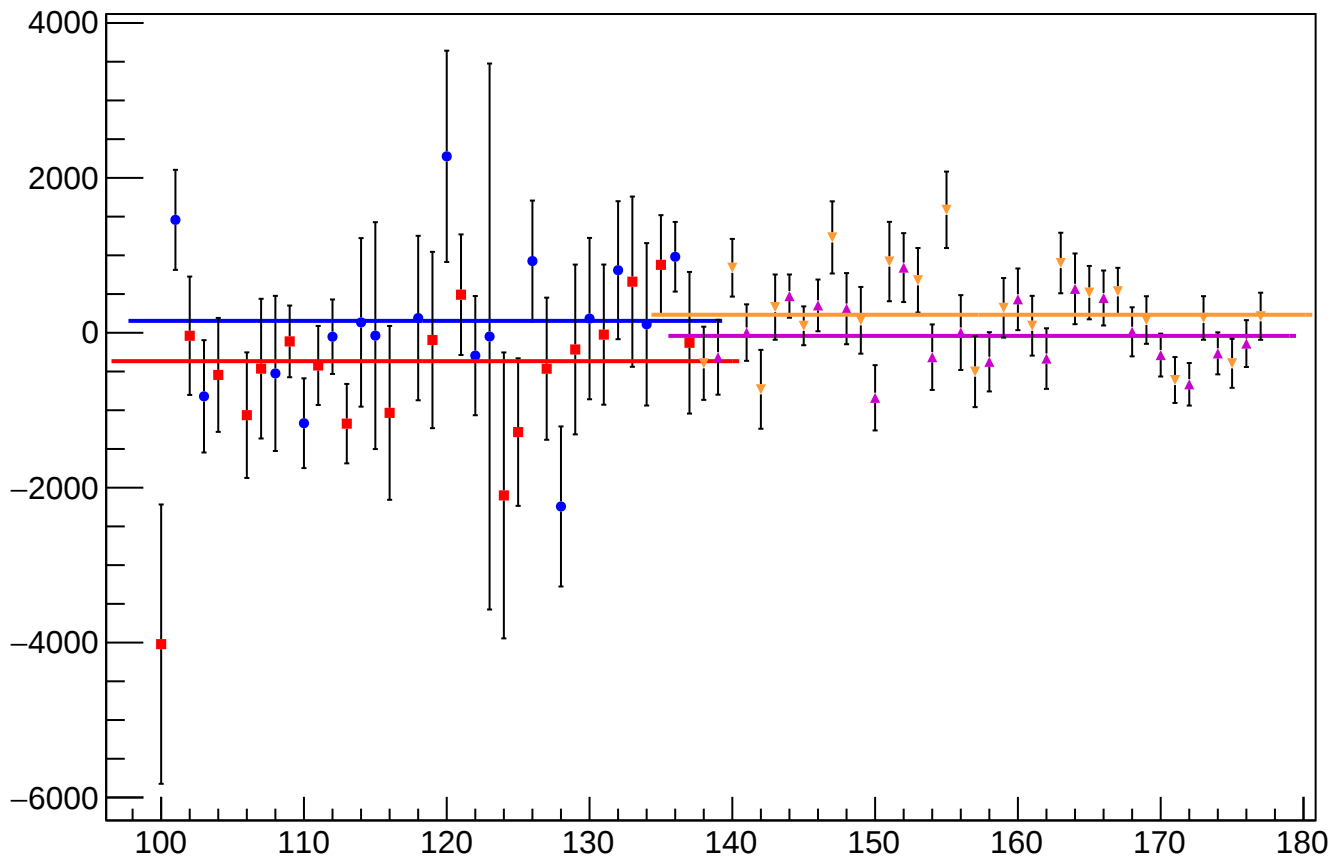
Right: 50.225 $\pm$ 0.010 χ^2/NDF : 1150683.7/35

In: 44.846 $\pm$ 0.007 χ^2/NDF : 1124089.4/35

Out: 44.438 $\pm$ 0.007 χ^2/NDF : 1121435.3/39

All: 44.634 $\pm$ 0.005 χ^2/NDF : 2247318.4/75

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: -40.149 $\pm$ 81.065 χ^2 /NDF:26.9/18

Left: 99.876 $\pm$ 56.575 χ^2 /NDF: 75.6/39

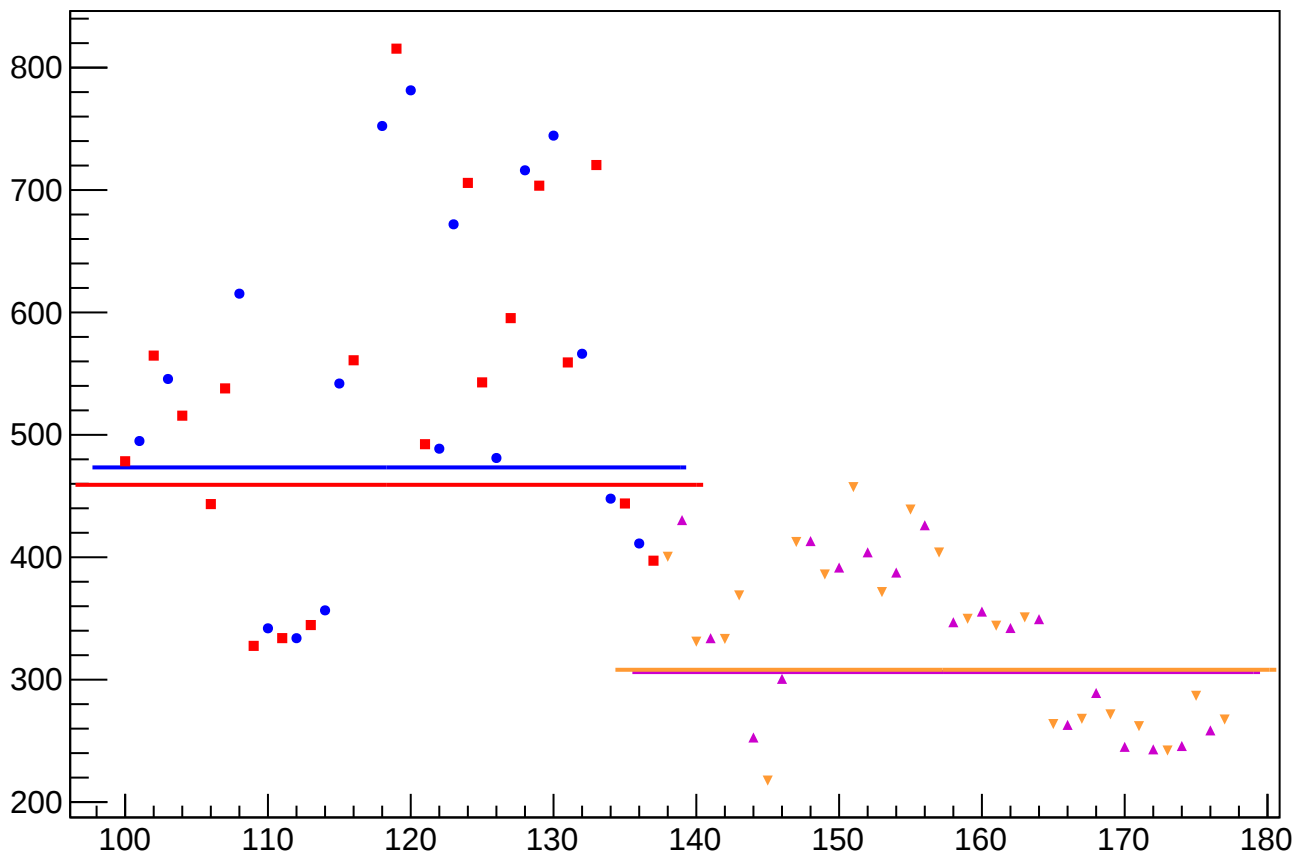
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: -10.265 $\pm$ 74.559 χ^2 /NDF:52.5/35

Out: 135.096 $\pm$ 72.263 χ^2 /NDF:68.5/39

All: 64.688 $\pm$ 51.891 χ^2 /NDF: 123.0/75

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: 306.203 $\pm$ 0.057 χ^2 /NDF:1177734.8/18

Left: 307.170 $\pm$ 0.040 χ^2 /NDF: 2543396.5/39

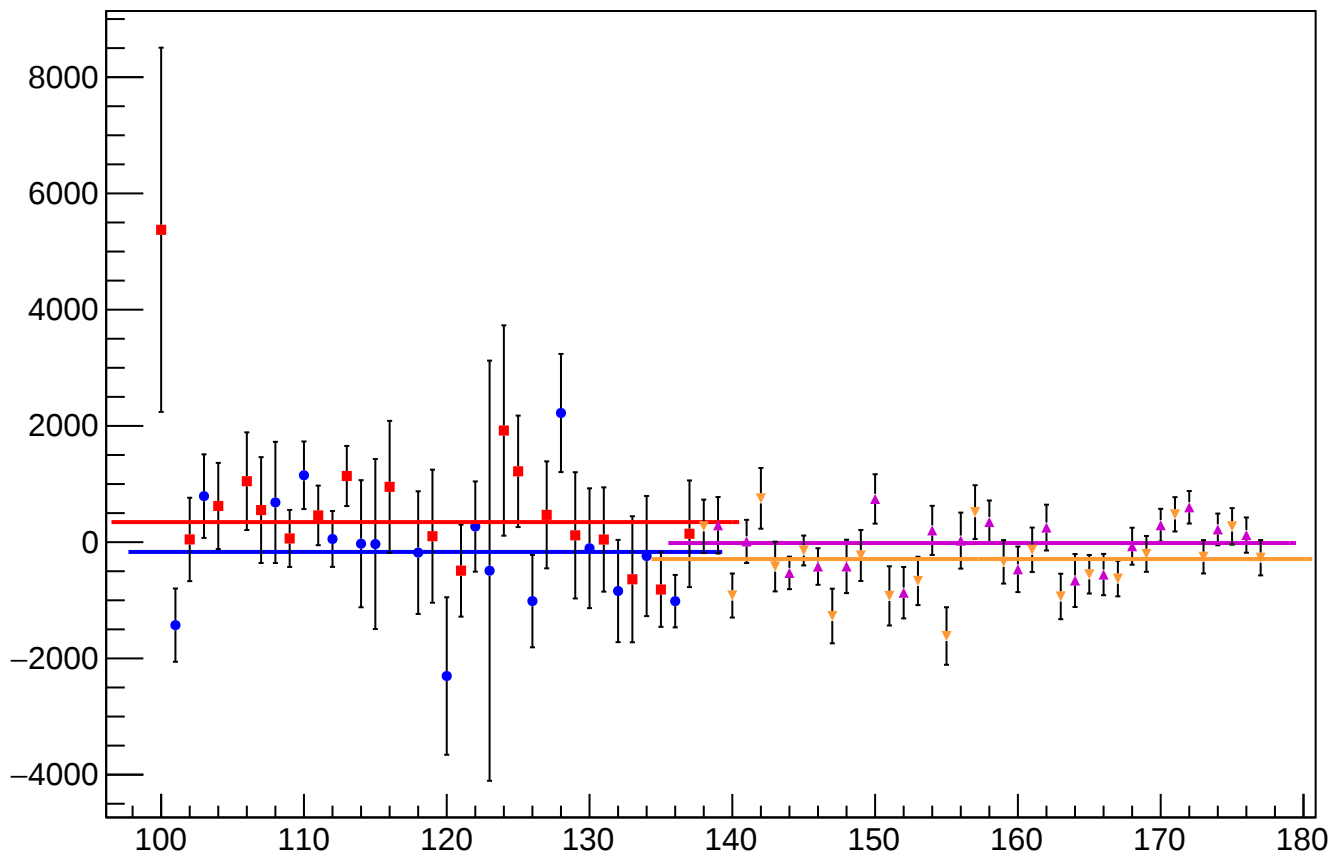
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 331.961 $\pm$ 0.053 χ^2 /NDF:3403422.6/35

Out: 332.738 $\pm$ 0.051 χ^2 /NDF:3565329.2/39

All: 332.362 $\pm$ 0.037 χ^2 /NDF: 6968863.5/75

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: -14.988 ± 81.041 χ^2/NDF : 27.5/18

Left: -155.922 ± 56.635 χ^2/NDF : 73.8/39

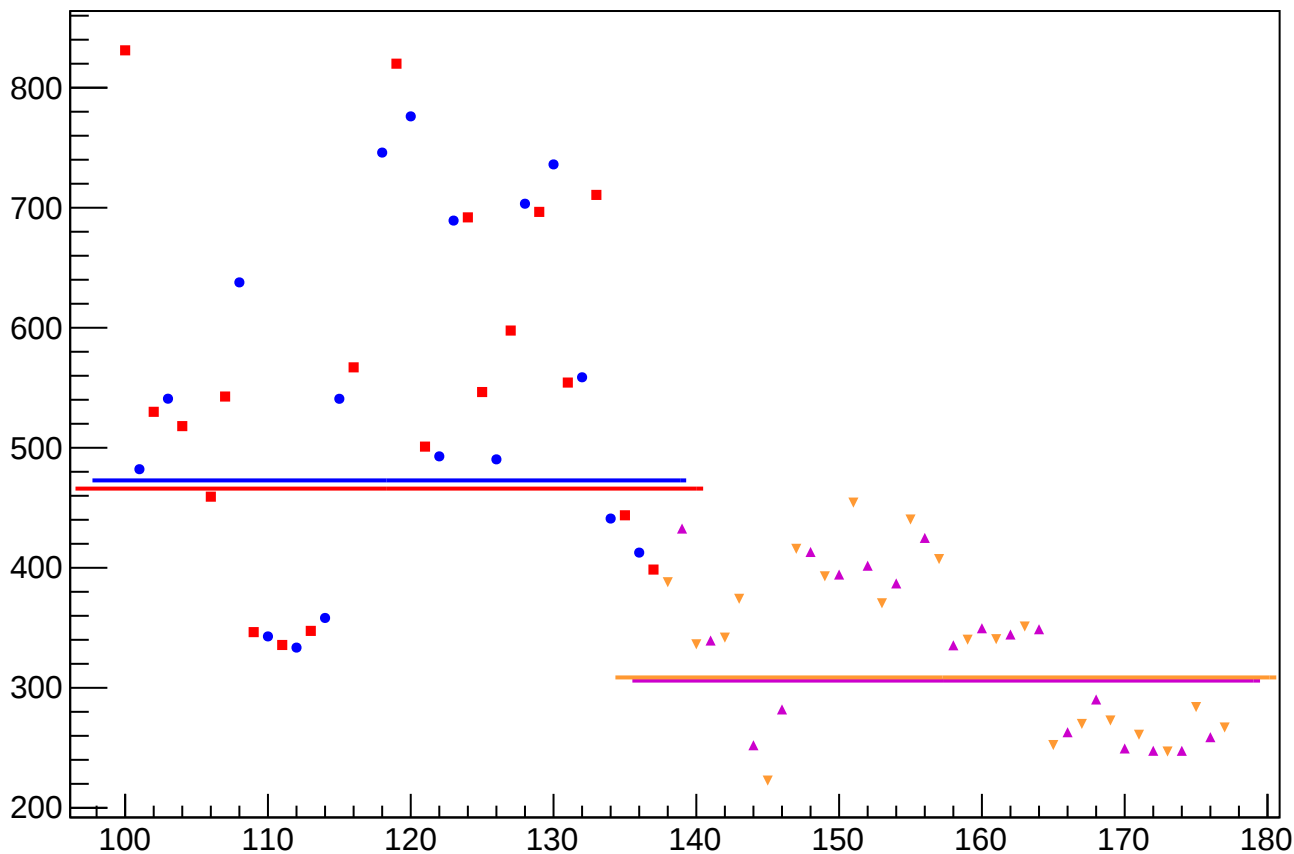
Right: 100.479 ± 131.070 χ^2/NDF : 43.0/35

In: -38.599 ± 74.529 χ^2/NDF : 53.4/35

Out: -188.547 ± 72.557 χ^2/NDF : 64.5/39

All: -115.582 ± 51.989 χ^2/NDF : 120.0/75

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 +/- 0.134 χ^2/NDF : 896373.5/16

Left Out: 308.651 +/- 0.056 χ^2/NDF : 1330024.8/20

Right Out: 465.987 +/- 0.128 χ^2/NDF : 942033.1/18

Left In: 306.023 +/- 0.057 χ^2/NDF : 1138469.8/18

Left: 307.367 +/- 0.040 χ^2/NDF : 2469570.4/39

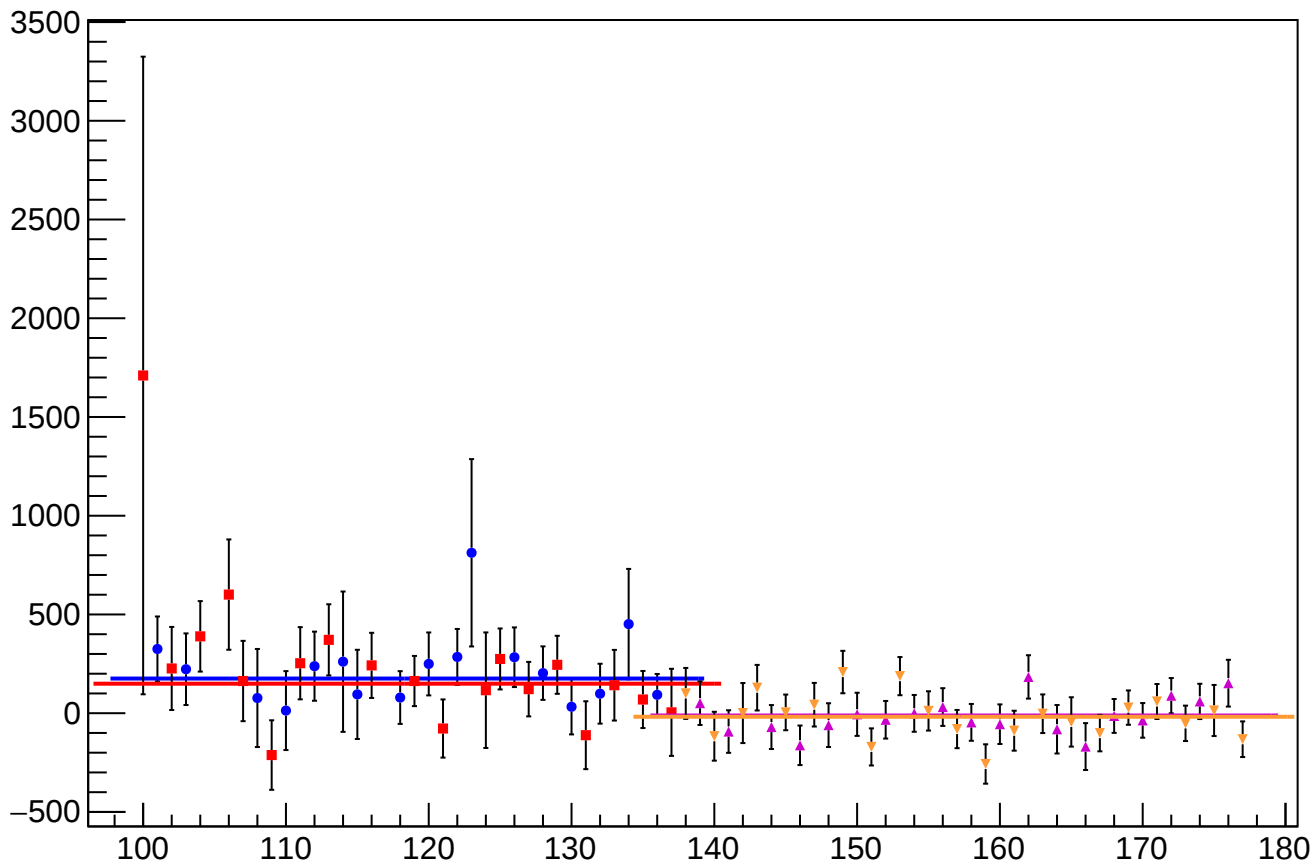
Right: 469.247 +/- 0.093 χ^2/NDF : 1839762.8/35

In: 331.753 +/- 0.053 χ^2/NDF : 3341740.4/35

Out: 333.863 +/- 0.051 χ^2/NDF : 3537543.1/39

All: 332.836 +/- 0.037 χ^2/NDF : 6880106.5/75

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: -18.040 ± 22.283 $\chi^2/\text{NDF}: 25.5/20$

Right Out: 149.419 ± 40.319 $\chi^2/\text{NDF}: 18.4/18$

Left In: -11.614 ± 23.117 $\chi^2/\text{NDF}: 13.4/18$

Left: -14.945 ± 16.043 $\chi^2/\text{NDF}: 38.9/39$

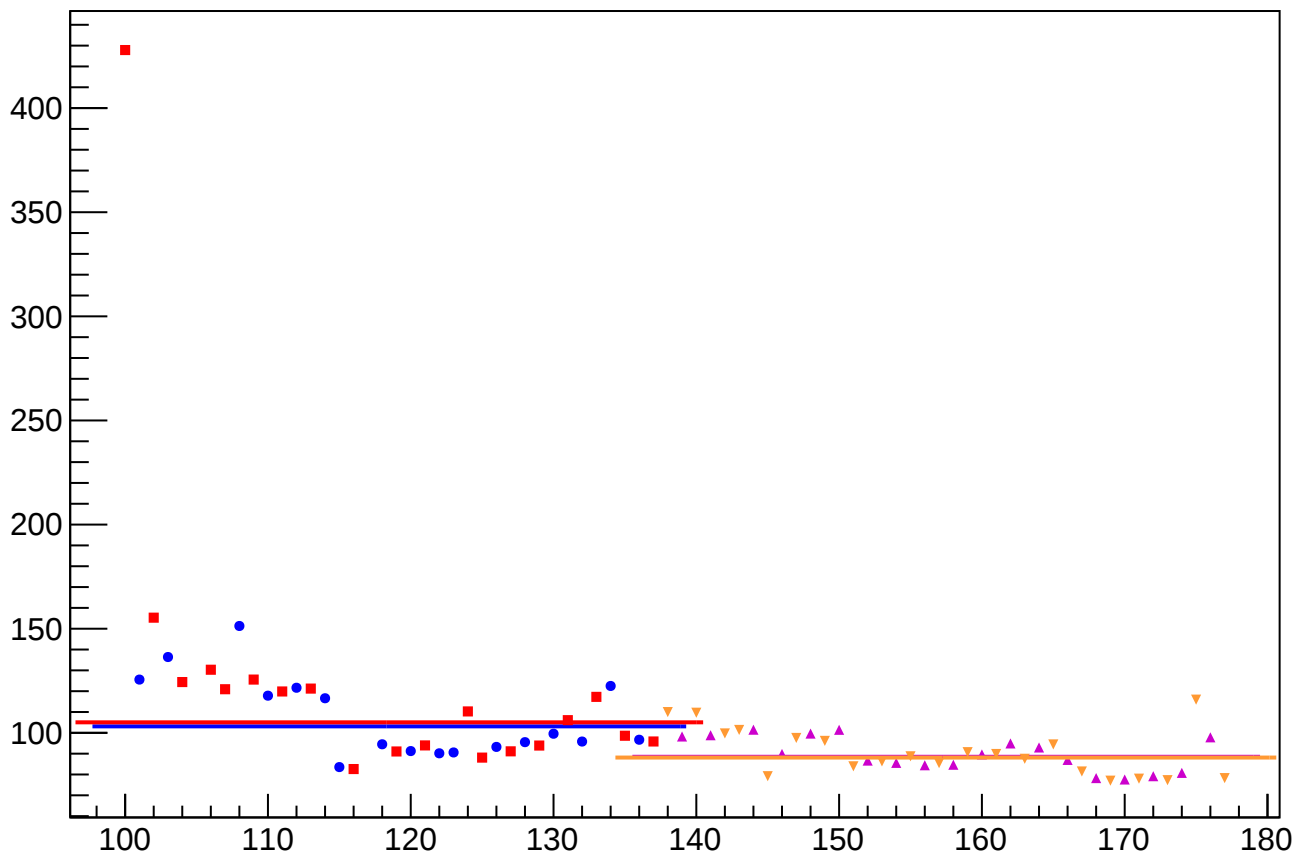
Right: 162.431 ± 28.524 $\chi^2/\text{NDF}: 27.2/35$

In: 34.603 ± 20.060 $\chi^2/\text{NDF}: 38.1/35$

Out: 21.142 ± 19.503 $\chi^2/\text{NDF}: 57.2/39$

All: 27.683 ± 13.983 $\chi^2/\text{NDF}: 95.5/75$

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: 88.504 $\pm$ 0.016 χ^2 /NDF:238357.9/18

Left: 88.311 $\pm$ 0.011 χ^2 /NDF: 668110.1/39

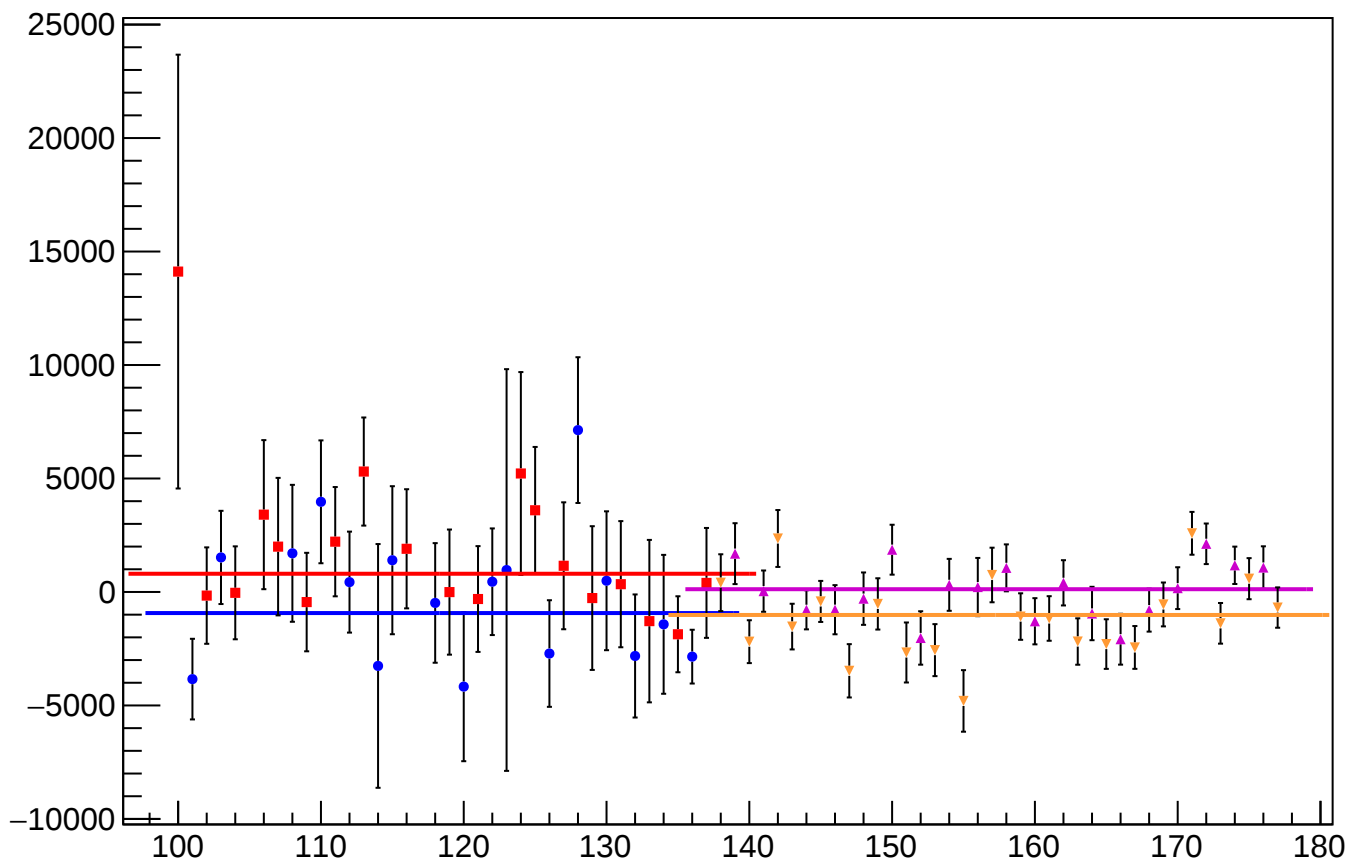
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 92.113 $\pm$ 0.014 χ^2 /NDF:742091.3/35

Out: 92.090 $\pm$ 0.014 χ^2 /NDF:1147771.6/39

All: 92.101 $\pm$ 0.010 χ^2 /NDF: 1889864.3/75

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1013.295 $\pm$ 226.354 χ^2 /NDF:51.9/20

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: 121.808 $\pm$ 234.268 χ^2 /NDF:25.3/18

Left: -465.241 $\pm$ 162.782 χ^2 /NDF: 89.4/39

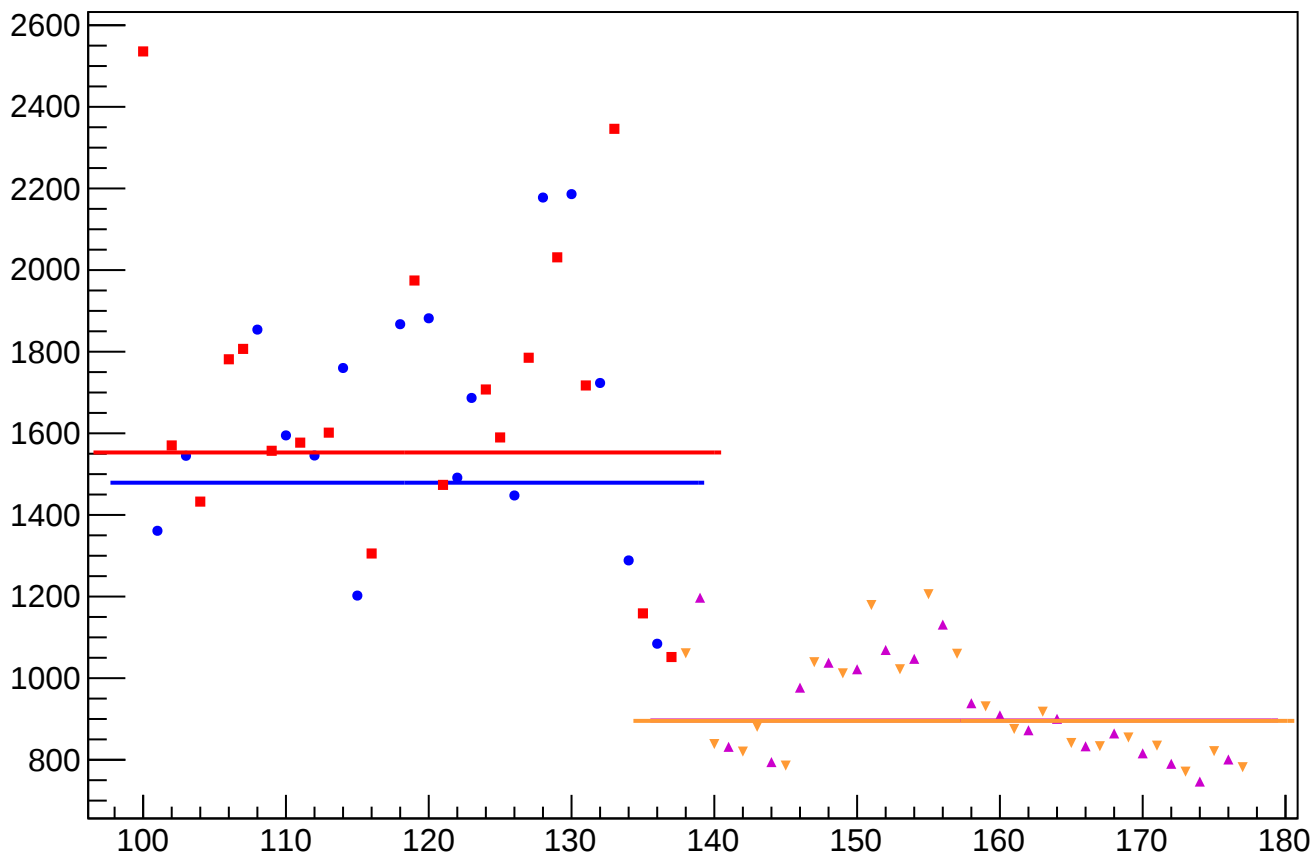
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -22.569 $\pm$ 217.578 χ^2 /NDF:49.0/35

Out: -782.881 $\pm$ 211.508 χ^2 /NDF:72.9/39

All: -413.479 $\pm$ 151.659 χ^2 /NDF: 128.2/75

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 ± 0.415 $\chi^2/\text{NDF}: 589620.8/16$

Left Out: 895.391 ± 0.160 $\chi^2/\text{NDF}: 503346.3/20$

Right Out: 1553.074 ± 0.420 $\chi^2/\text{NDF}: 483784.4/18$

Left In: 896.410 ± 0.166 $\chi^2/\text{NDF}: 494761.0/18$

Left: 895.883 ± 0.115 $\chi^2/\text{NDF}: 998126.9/39$

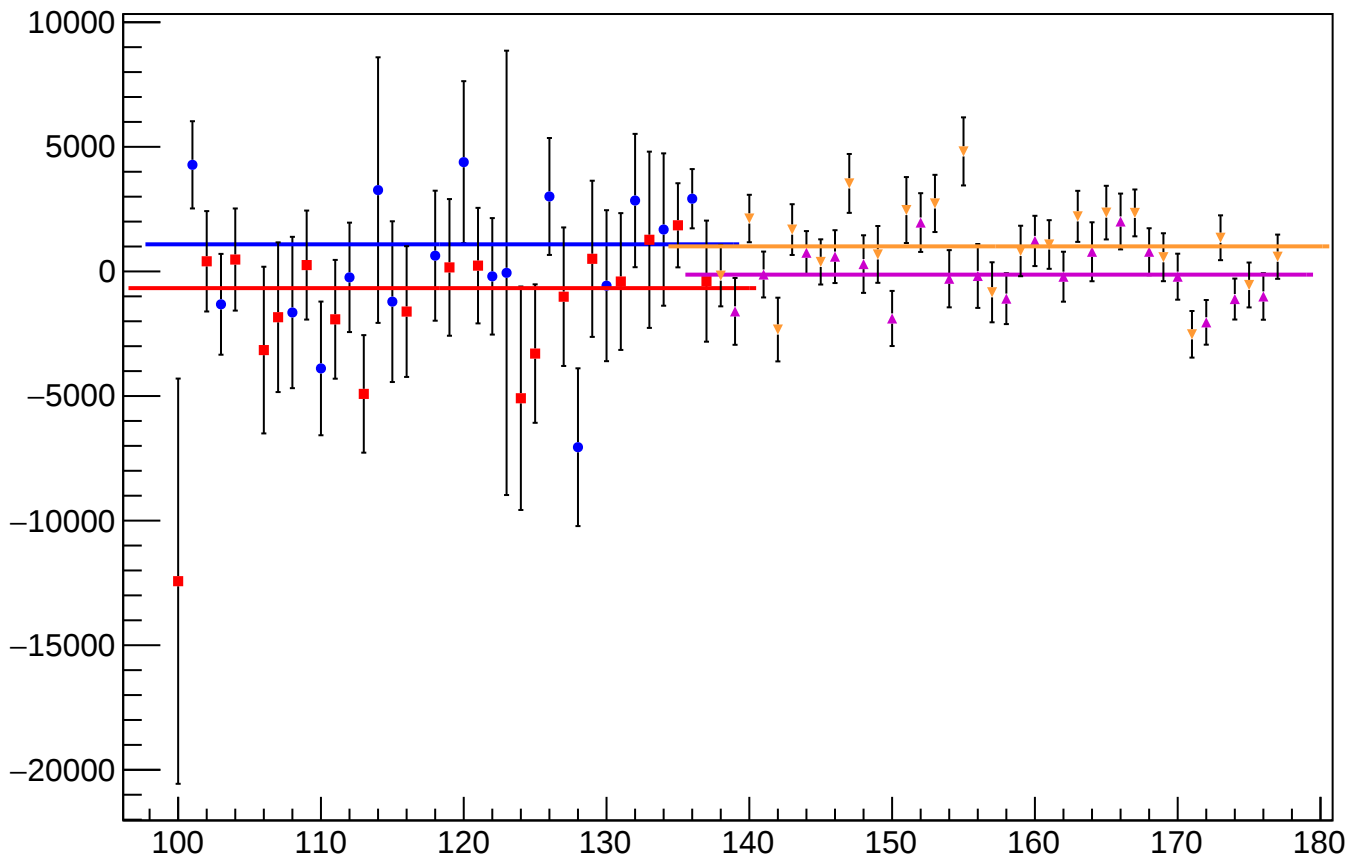
Right: 1515.603 ± 0.295 $\chi^2/\text{NDF}: 1089150.4/35$

In: 976.459 ± 0.154 $\chi^2/\text{NDF}: 2783881.1/35$

Out: 978.831 ± 0.150 $\chi^2/\text{NDF}: 3129268.7/39$

All: 977.679 ± 0.107 $\chi^2/\text{NDF}: 5913272.0/75$

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: -128.508 $\pm$ 234.267 χ^2 /NDF: 23.3/18

Left: 458.292 $\pm$ 162.761 χ^2 /NDF: 86.5/39

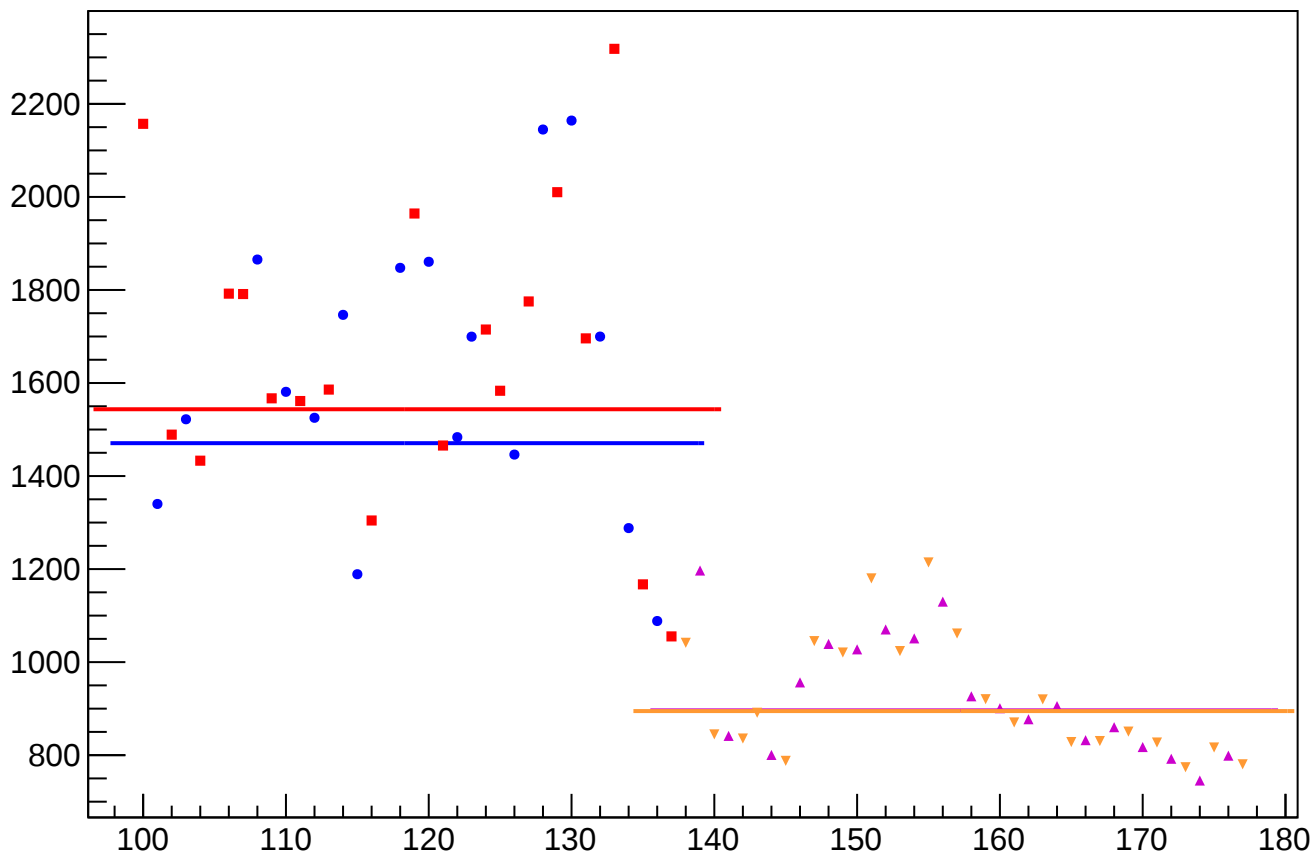
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 40.446 $\pm$ 217.391 χ^2 /NDF: 48.9/35

Out: 790.895 $\pm$ 211.288 χ^2 /NDF: 70.1/39

All: 426.352 $\pm$ 151.515 χ^2 /NDF: 125.1/75

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 894.769+/-0.160 χ^2/NDF : 508440.9/20

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 896.337+/-0.166 χ^2/NDF : 486045.0/18

Left: 895.526+/-0.115 χ^2/NDF : 994532.3/39

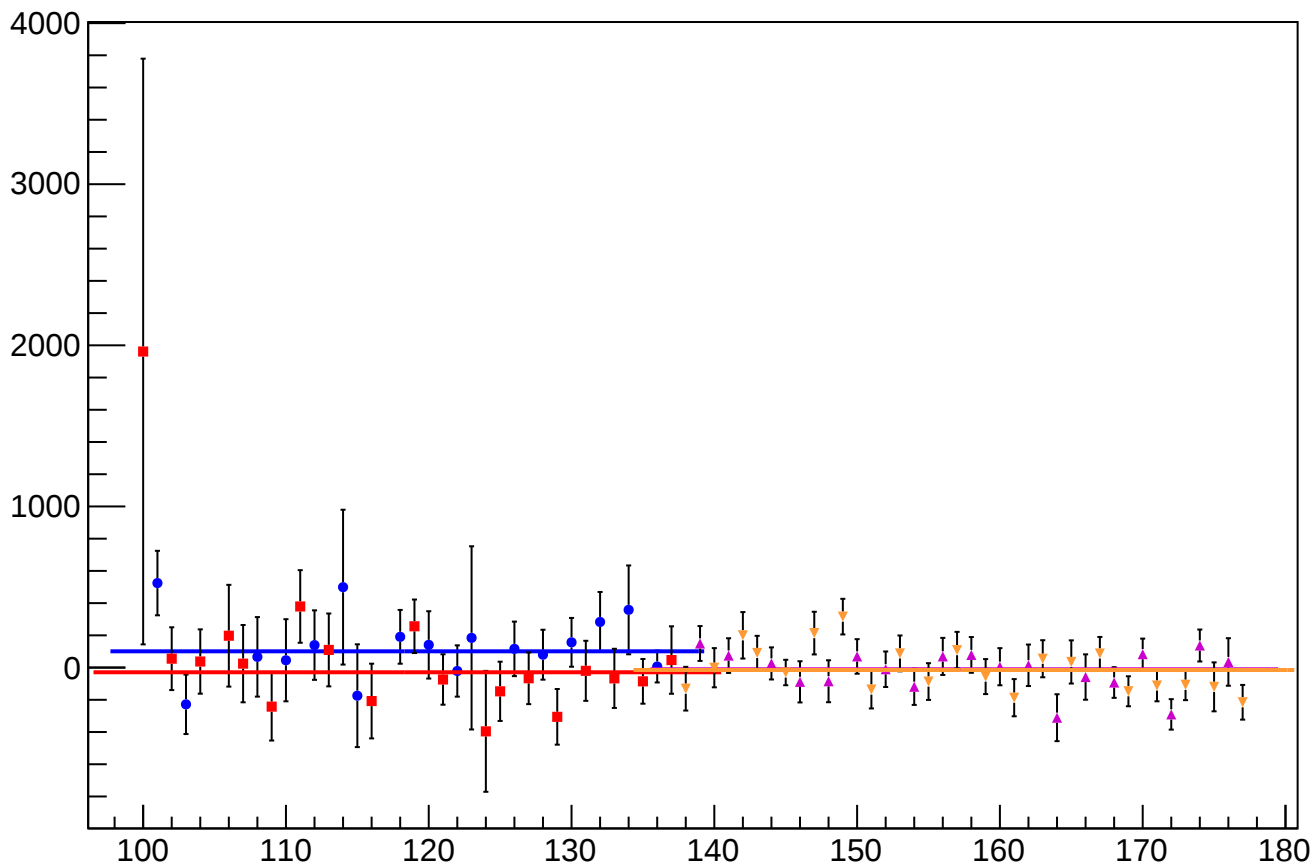
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 976.106+/-0.154 χ^2/NDF : 2723377.2/35

Out: 977.981+/-0.149 χ^2/NDF : 3071217.2/39

All: 977.070+/-0.107 χ^2/NDF : 5794670.9/75

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: -10.520 ± 25.750 $\chi^2/\text{NDF}: 23.4/18$

Left: -12.954 ± 17.626 $\chi^2/\text{NDF}: 54.6/39$

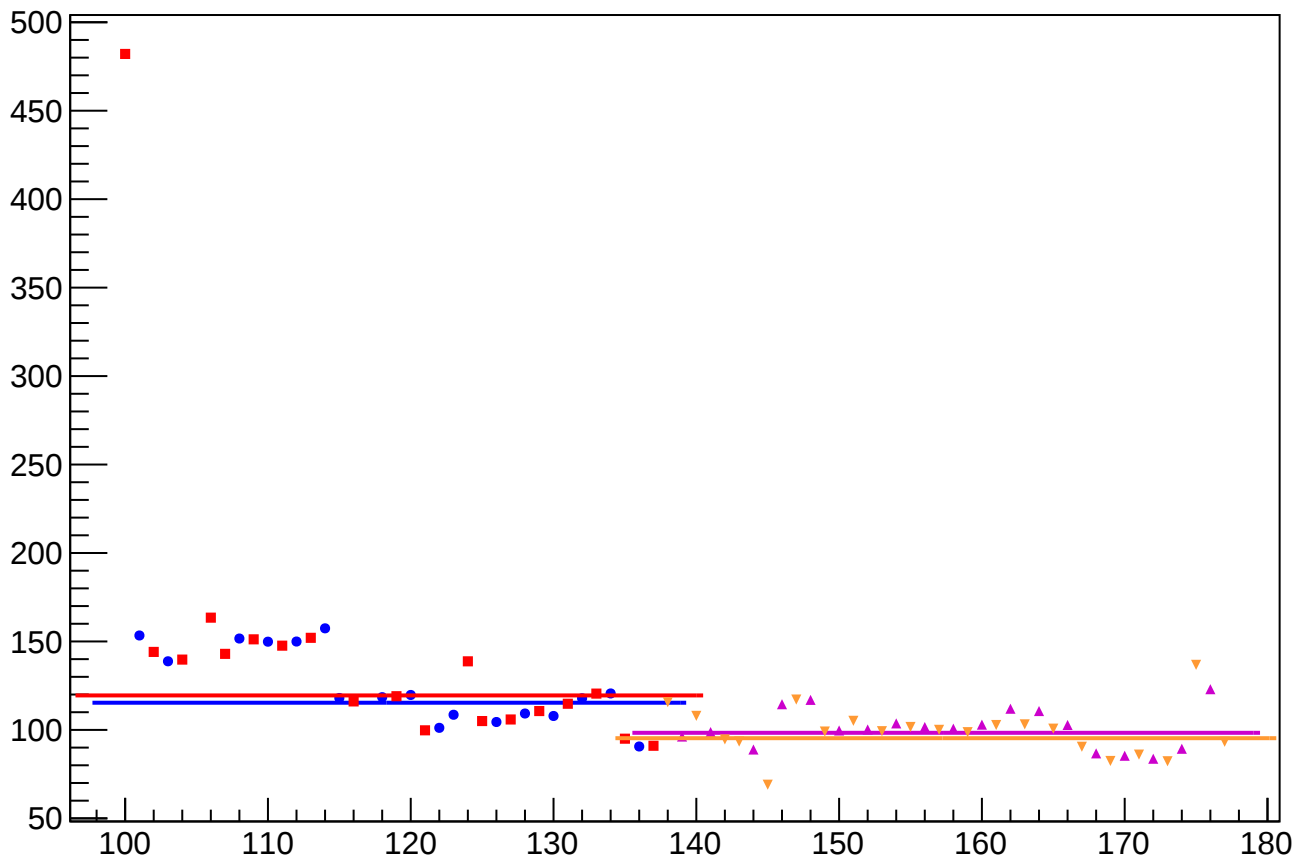
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 16.710 ± 22.384 $\chi^2/\text{NDF}: 41.0/35$

Out: -18.173 ± 21.370 $\chi^2/\text{NDF}: 45.9/39$

All: -1.540 ± 15.457 $\chi^2/\text{NDF}: 88.3/75$

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: 98.363 $\pm$ 0.018 χ^2/NDF : 327662.9/18

Left: 96.745 $\pm$ 0.012 χ^2/NDF : 985196.9/39

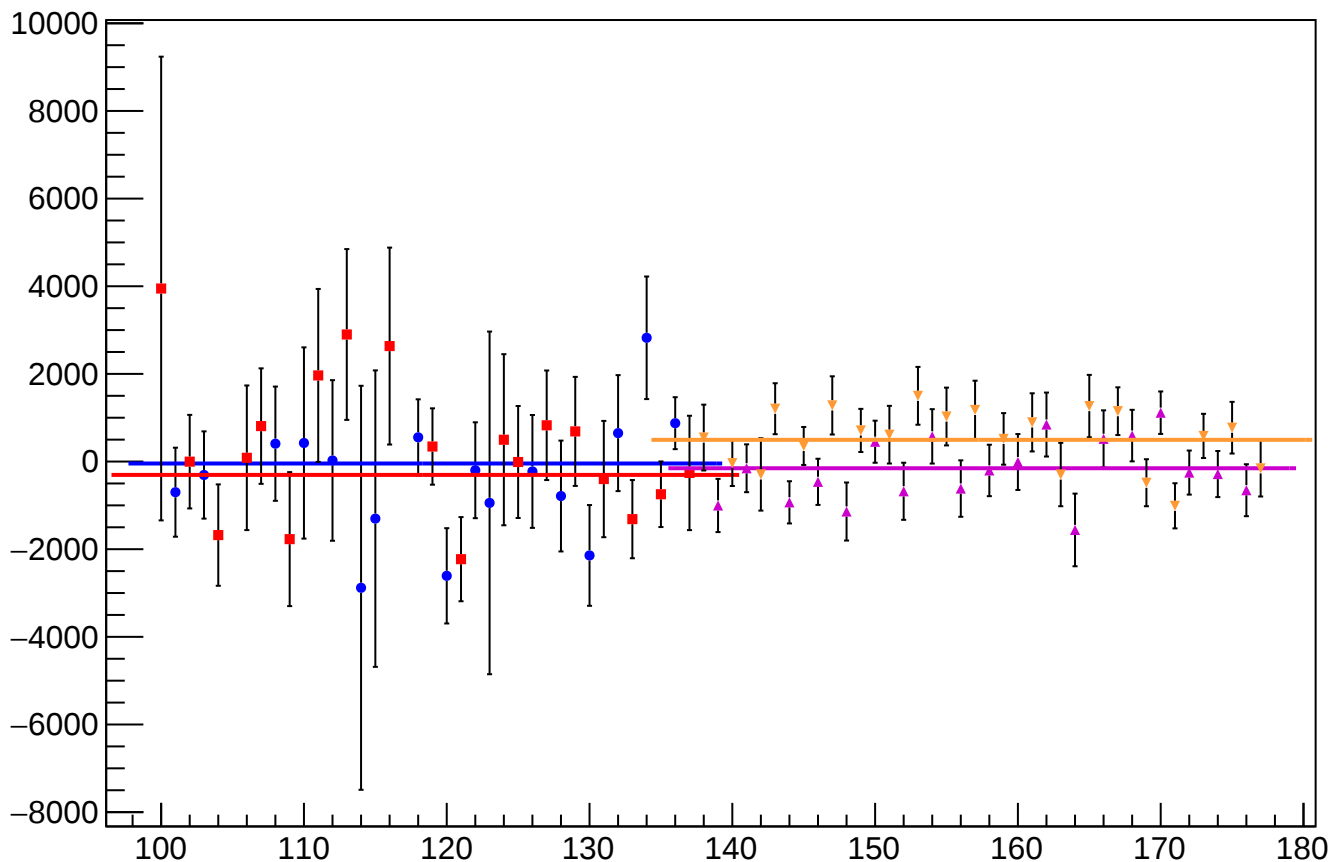
Right: 117.411 $\pm$ 0.023 χ^2/NDF : 897552.7/35

In: 102.517 $\pm$ 0.016 χ^2/NDF : 952116.6/35

Out: 100.605 $\pm$ 0.015 χ^2/NDF : 1557948.2/39

All: 101.517 $\pm$ 0.011 χ^2/NDF : 2517699.6/75

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 495.757 ± 129.496 χ^2/NDF : 26.5/20

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -152.683 ± 132.907 χ^2/NDF : 26.4/18

Left: 179.964 ± 92.750 χ^2/NDF : 65.1/39

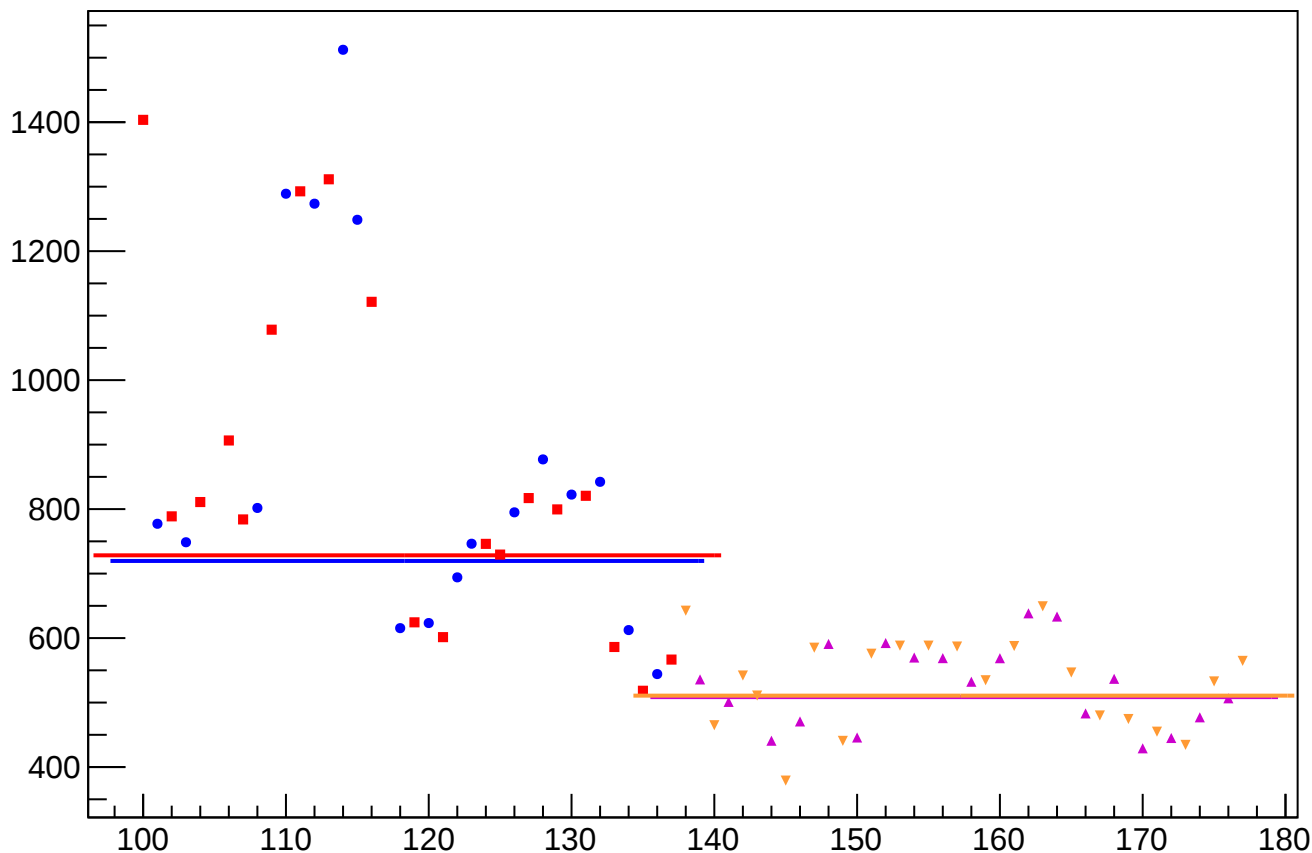
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -133.510 ± 120.549 χ^2/NDF : 44.4/35

Out: 356.919 ± 117.733 χ^2/NDF : 50.6/39

All: 117.501 ± 84.228 χ^2/NDF : 103.5/75

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: 508.454 $\pm$ 0.094 χ^2 /NDF: 419943.2/18

Left: 509.625 $\pm$ 0.066 χ^2 /NDF: 1061902.9/39

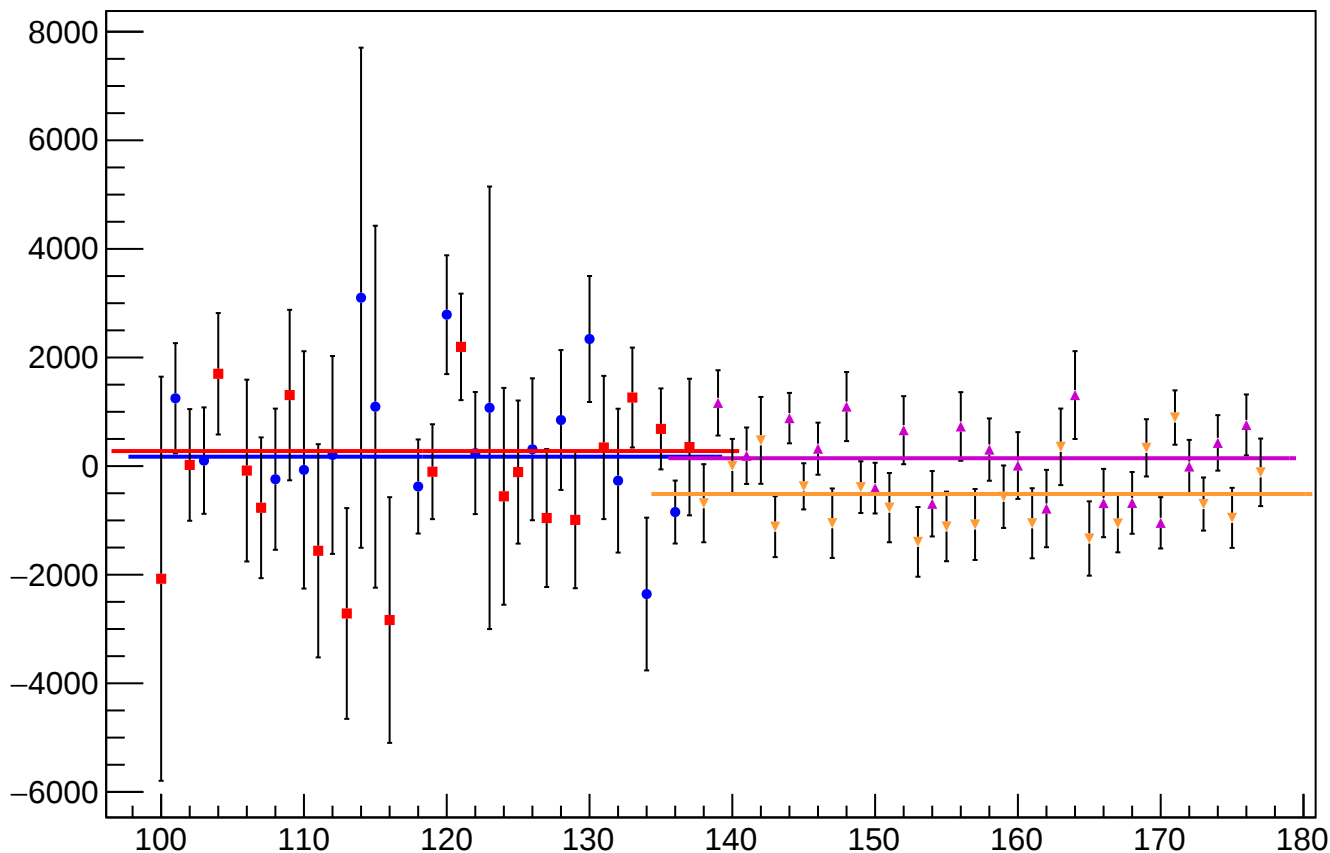
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 545.894 $\pm$ 0.085 χ^2 /NDF: 2061967.8/35

Out: 548.473 $\pm$ 0.083 χ^2 /NDF: 2534658.0/39

All: 547.214 $\pm$ 0.060 χ^2 /NDF: 4597094.5/75

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: 145.010 $\pm$ 128.278 χ^2 /NDF:28.3/18

Left: -191.565 $\pm$ 89.697 χ^2 /NDF: 66.5/39

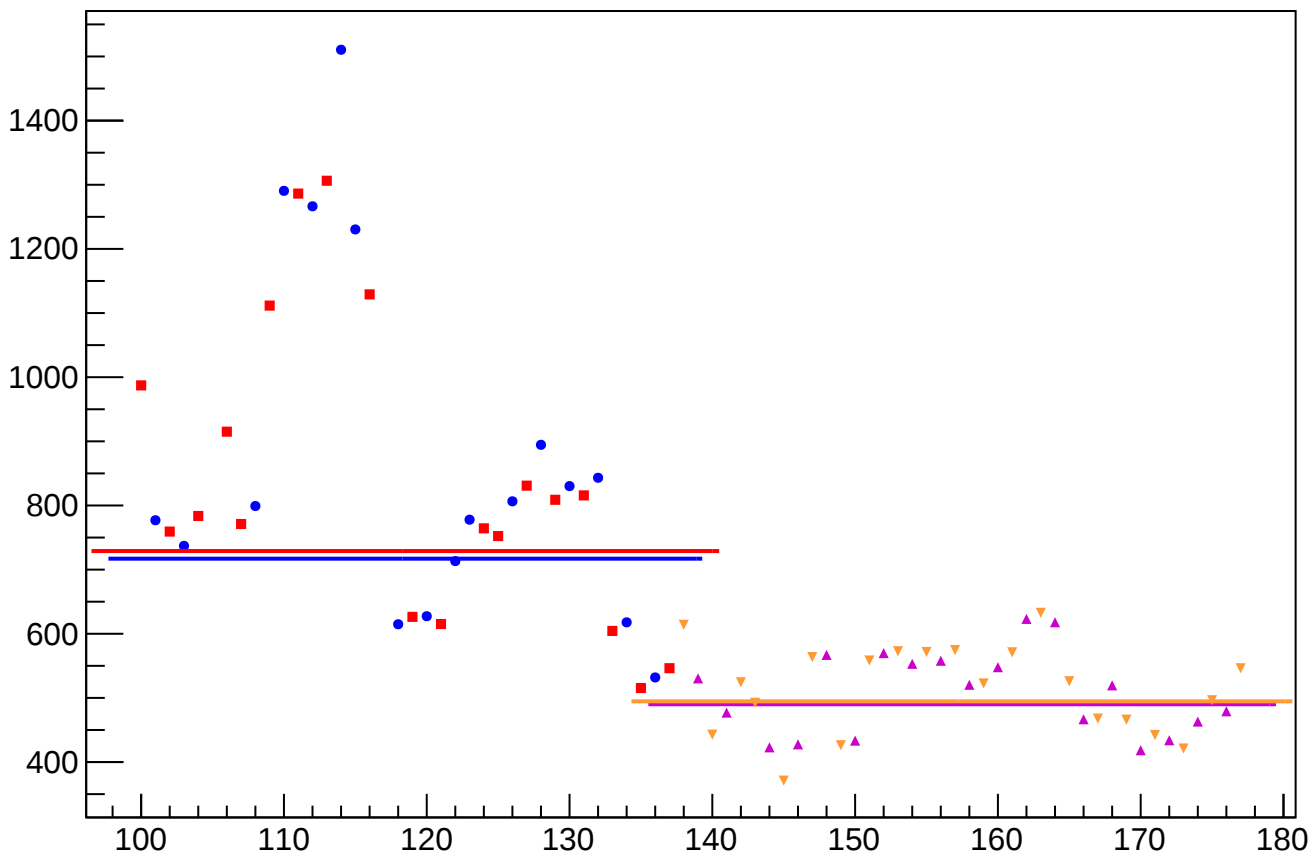
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 149.737 $\pm$ 117.021 χ^2 /NDF:46.4/35

Out: -383.463 $\pm$ 114.684 χ^2 /NDF:47.3/39

All: -122.240 $\pm$ 81.908 χ^2 /NDF: 104.3/75

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 494.632 $\pm$ 0.089 χ^2 /NDF: 627267.2/20

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 490.102 $\pm$ 0.091 χ^2 /NDF: 451957.1/18

Left: 492.417 $\pm$ 0.063 χ^2 /NDF: 1080499.0/39

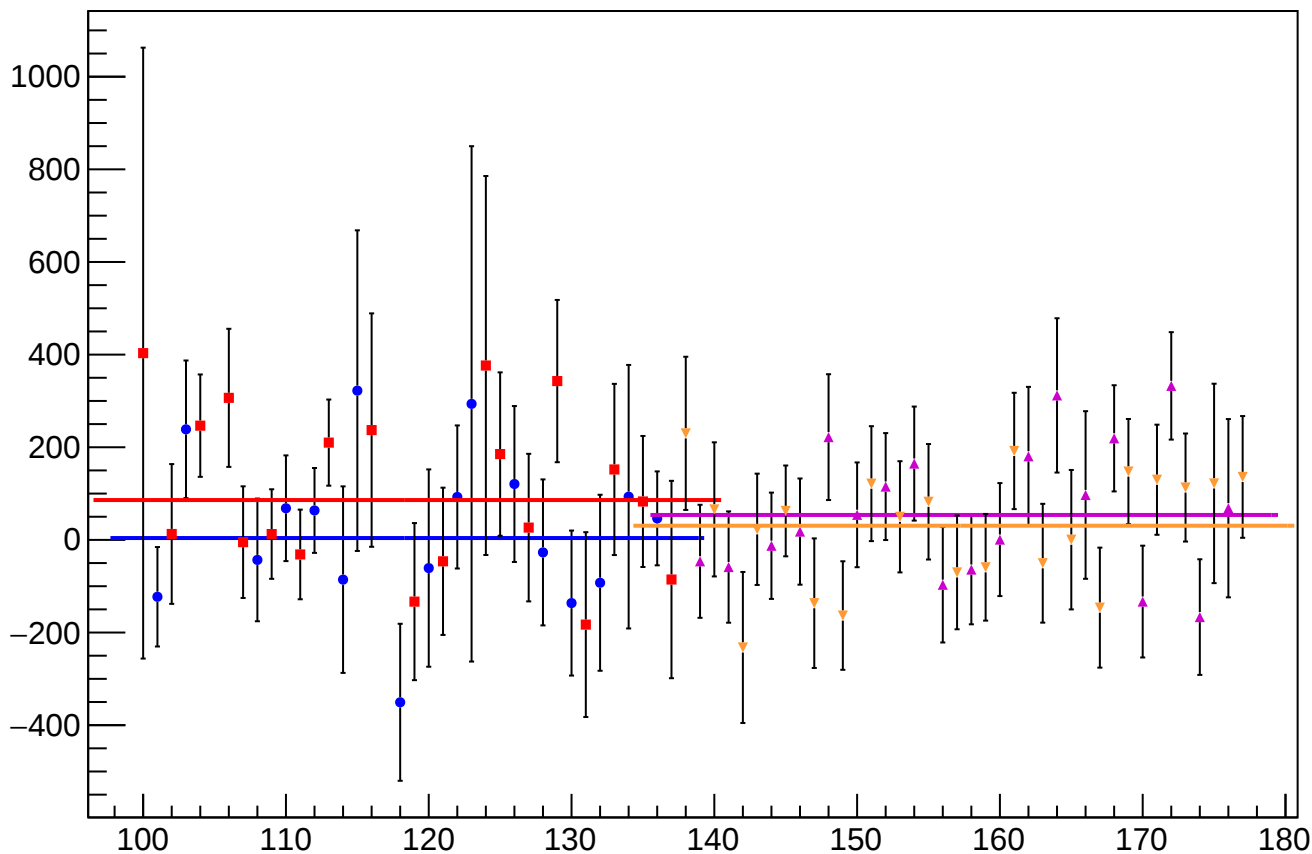
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 528.190 $\pm$ 0.083 χ^2 /NDF: 2285156.3/35

Out: 533.194 $\pm$ 0.081 χ^2 /NDF: 2666091.1/39

All: 530.742 $\pm$ 0.058 χ^2 /NDF: 4953113.0/75

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: 53.840 ± 29.030 χ^2/NDF : 23.8/18

Left: 41.742 ± 20.098 χ^2/NDF : 41.6/39

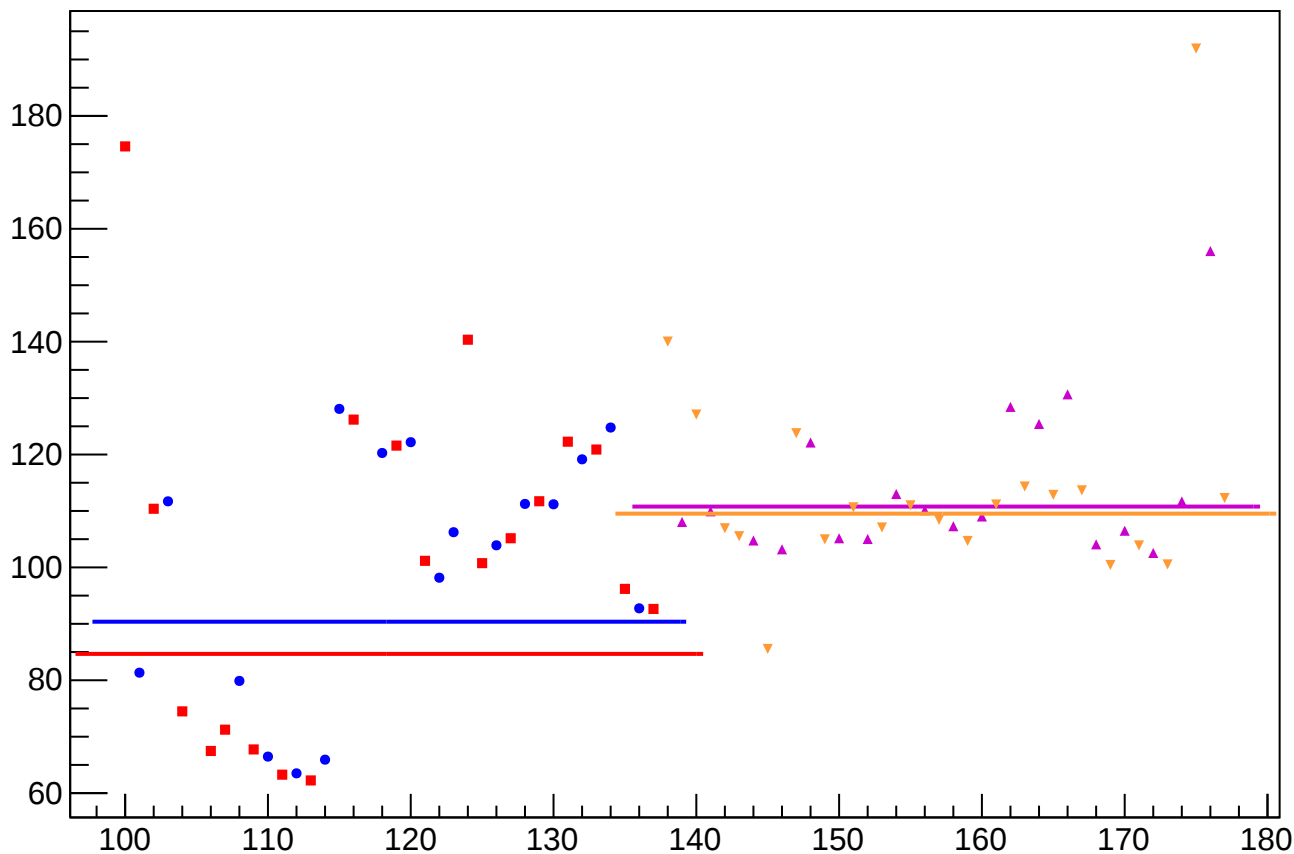
Right: 48.064 ± 24.458 χ^2/NDF : 33.1/35

In: 34.173 ± 22.586 χ^2/NDF : 37.7/35

Out: 53.359 ± 21.383 χ^2/NDF : 36.7/39

All: 44.290 ± 15.528 χ^2/NDF : 74.7/75

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 ± 0.025 χ^2/NDF : 654139.7/16

Left Out: 109.527 ± 0.020 χ^2/NDF : 577932.6/20

Right Out: 84.673 ± 0.024 χ^2/NDF : 908123.4/18

Left In: 110.778 ± 0.021 χ^2/NDF : 239619.4/18

Left: 110.126 ± 0.014 χ^2/NDF : 819485.8/39

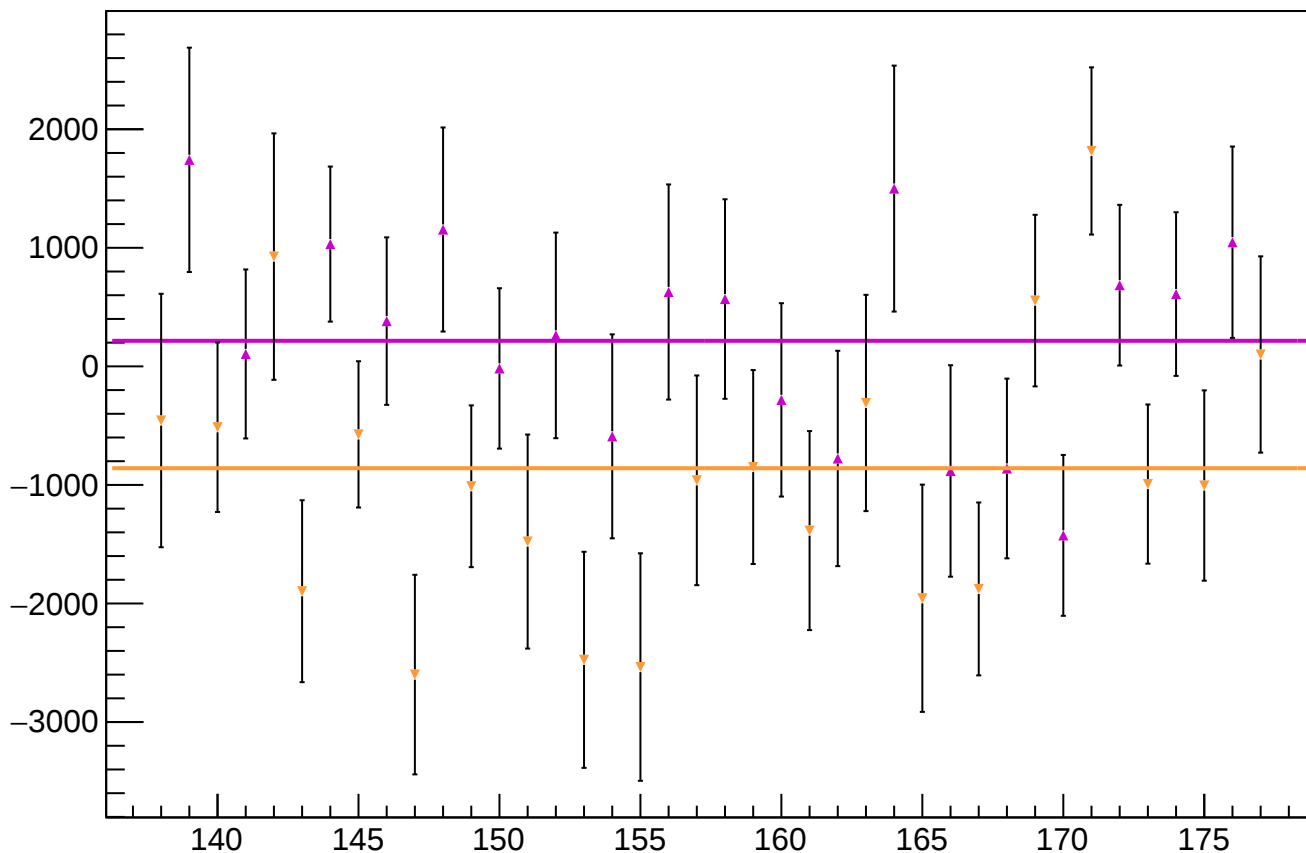
Right: 87.312 ± 0.017 χ^2/NDF : 1589292.9/35

In: 102.725 ± 0.016 χ^2/NDF : 1283669.9/35

Out: 99.321 ± 0.015 χ^2/NDF : 2139946.3/39

All: 100.930 ± 0.011 χ^2/NDF : 3447564.2/75

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -858.947+/-174.934 χ^2/NDF :40.0/20

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

Left In: 215.598+/-179.895 χ^2/NDF :21.2/18

Left: -336.695+/-125.414 χ^2/NDF : 79.5/39

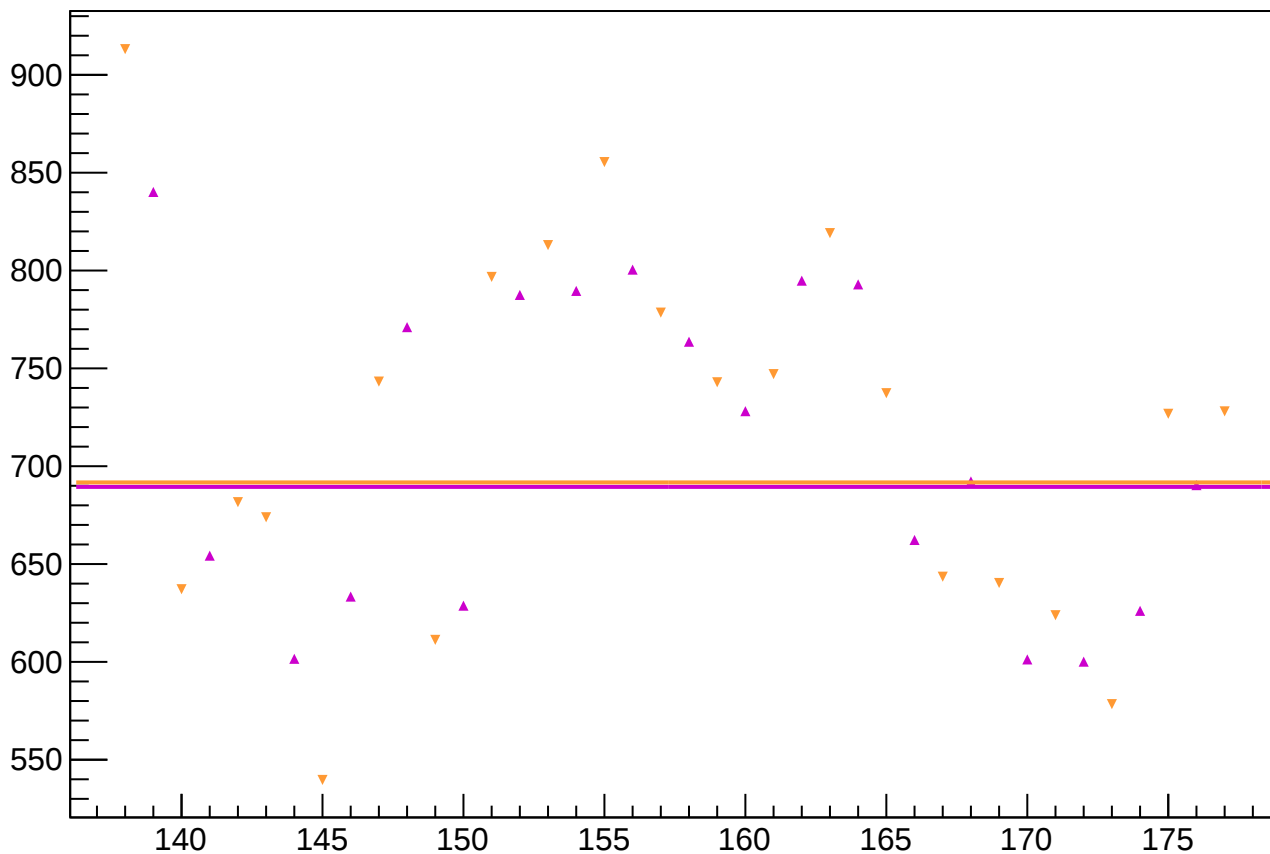
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 215.598+/-179.895 χ^2/NDF :21.2/18

Out: -858.947+/-174.934 χ^2/NDF :40.0/20

All: -336.695+/-125.414 χ^2/NDF : 79.5/39

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: 689.432+/-0.127 χ^2/NDF : 375234.6/18

Left: 690.610+/-0.089 χ^2/NDF : 933025.0/39

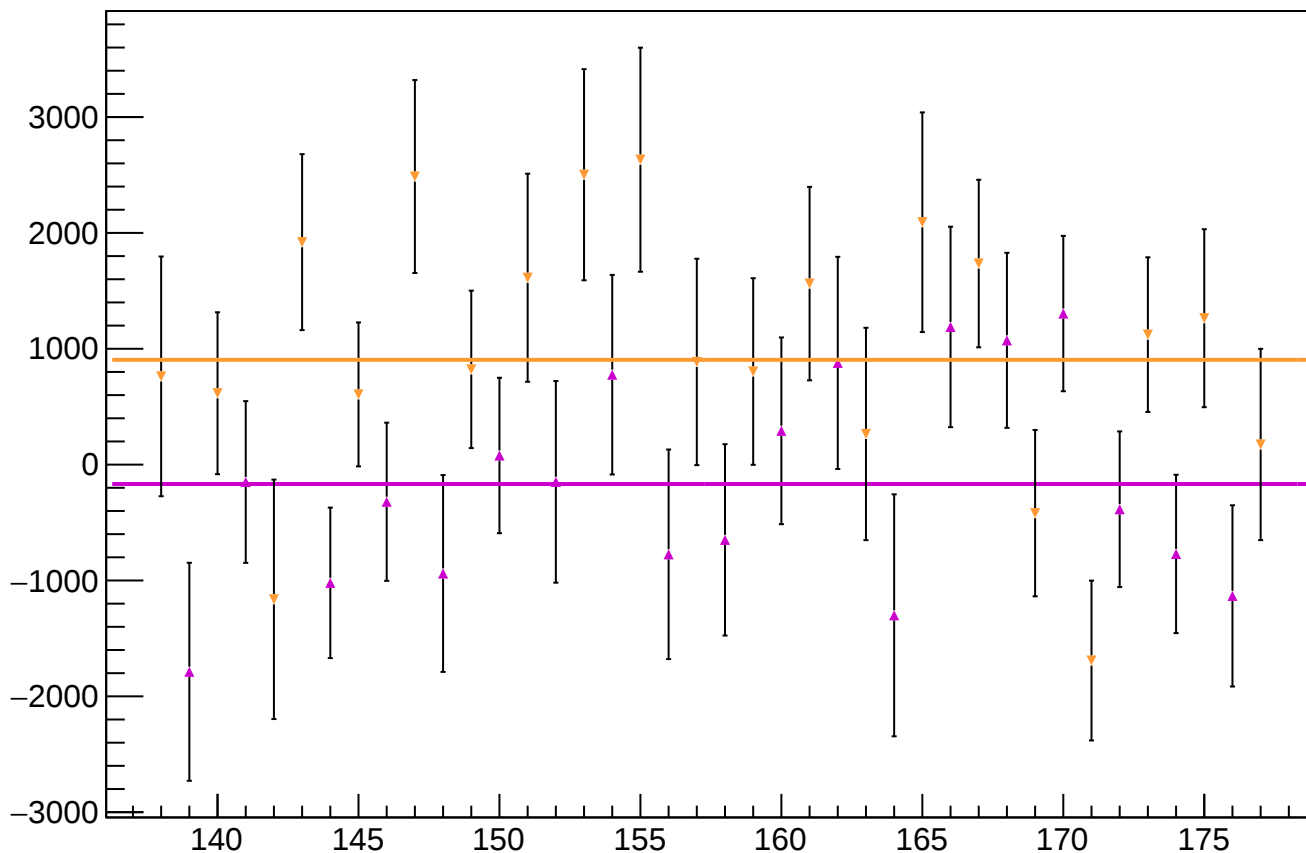
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 689.432+/-0.127 χ^2/NDF : 375234.6/18

Out: 691.723+/-0.124 χ^2/NDF : 557623.7/20

All: 690.610+/-0.089 χ^2/NDF : 933025.0/39

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 904.498 ± 173.370 $\chi^2/\text{NDF}: 39.4/20$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -167.431 ± 177.838 $\chi^2/\text{NDF}: 22.9/18$

Left: 382.167 ± 124.141 $\chi^2/\text{NDF}: 80.9/39$

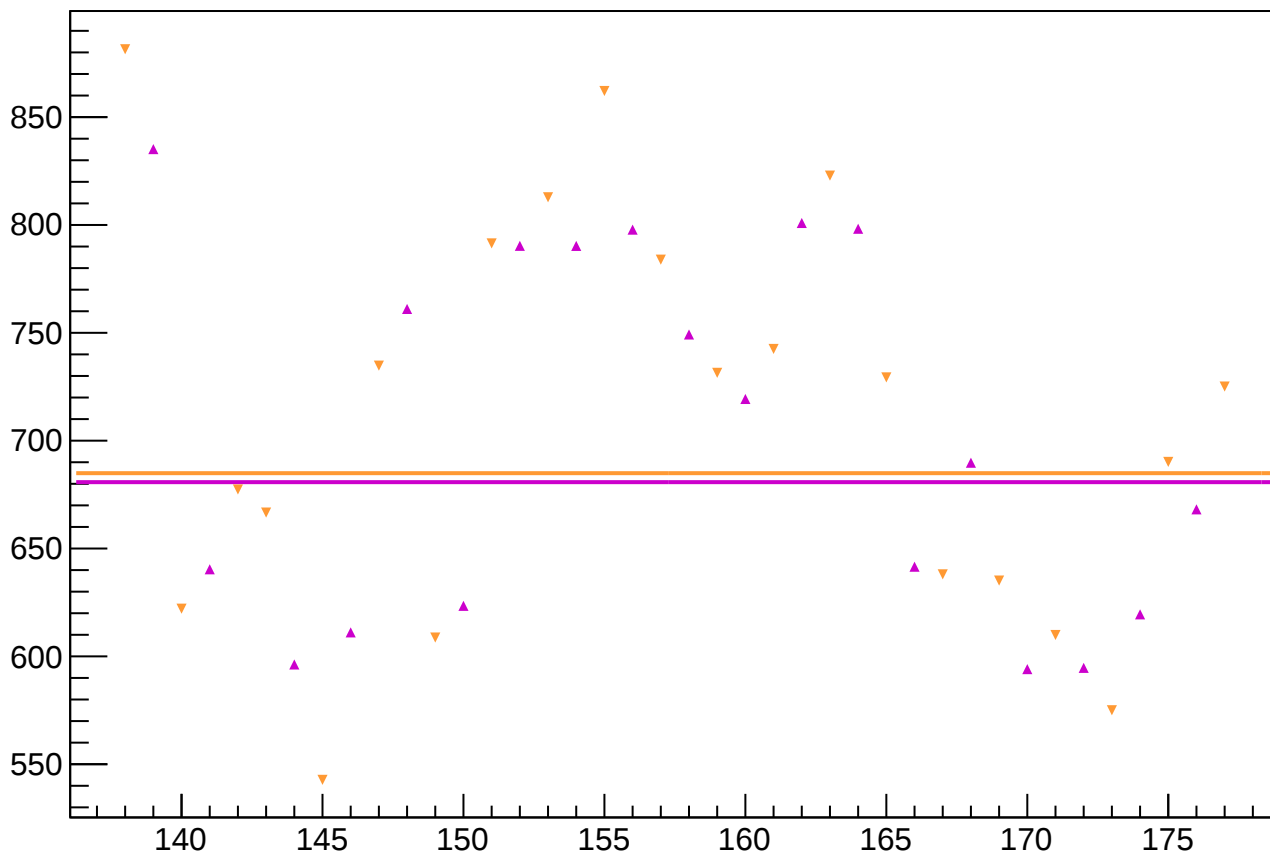
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -167.431 ± 177.838 $\chi^2/\text{NDF}: 22.9/18$

Out: 904.498 ± 173.370 $\chi^2/\text{NDF}: 39.4/20$

All: 382.167 ± 124.141 $\chi^2/\text{NDF}: 80.9/39$

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: 680.767+/-0.126 χ^2/NDF :410653.5/18

Left: 682.903+/-0.088 χ^2/NDF : 963989.5/39

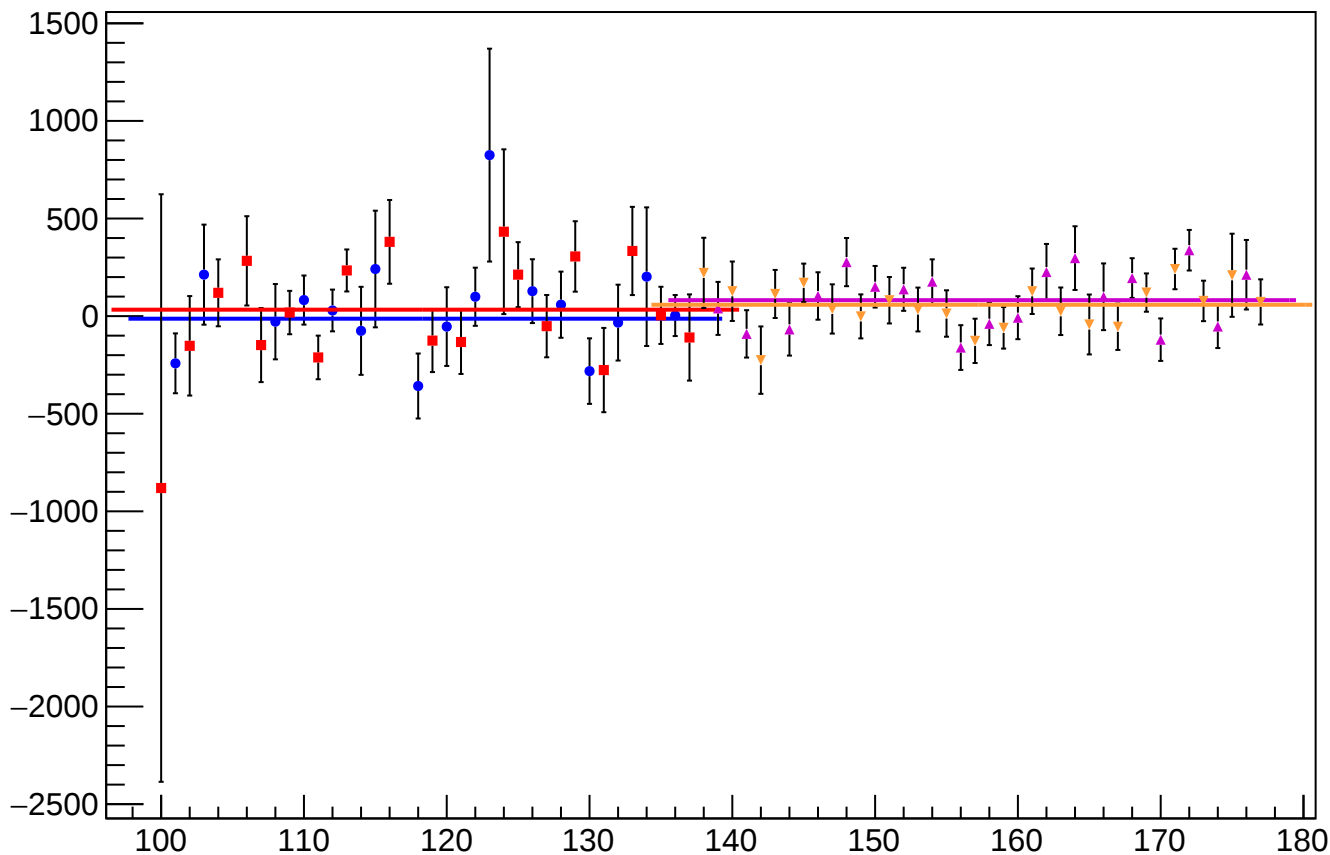
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 680.767+/-0.126 χ^2/NDF :410653.5/18

Out: 684.933+/-0.123 χ^2/NDF :552773.5/20

All: 682.903+/-0.088 χ^2/NDF : 963989.5/39

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: 81.731 $\pm$ 27.651 χ^2 /NDF:29.2/18

Left: 69.330 $\pm$ 19.053 χ^2 /NDF: 45.1/39

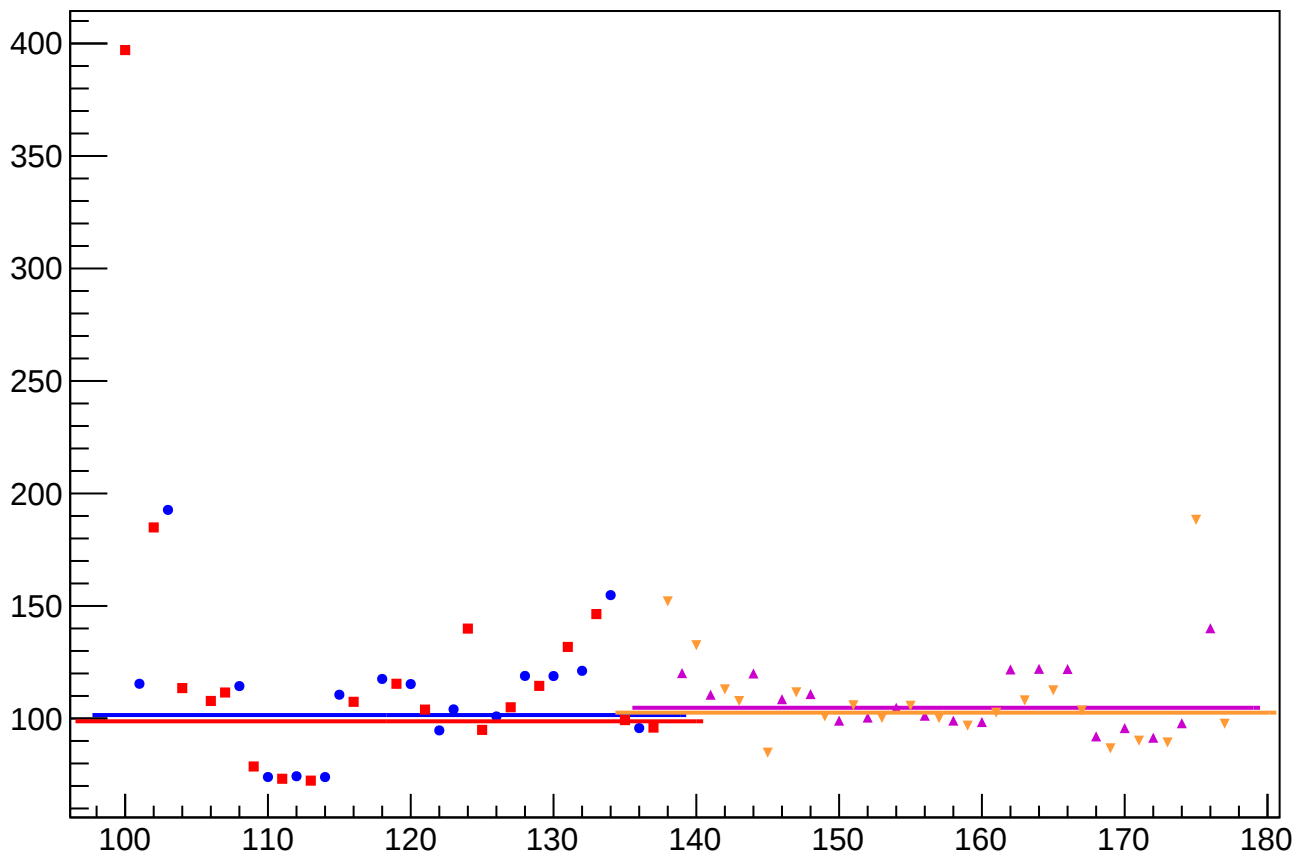
Right: 10.881 $\pm$ 28.065 χ^2 /NDF: 41.4/35

In: 51.599 $\pm$ 22.846 χ^2 /NDF:48.6/35

Out: 50.245 $\pm$ 21.778 χ^2 /NDF:40.9/39

All: 50.890 $\pm$ 15.763 χ^2 /NDF: 89.5/75

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 $\chi^2/\text{NDF}: 681713.7/16$

Left Out: 102.584 ± 0.019 $\chi^2/\text{NDF}: 780000.0/20$

Right Out: 98.736 ± 0.027 $\chi^2/\text{NDF}: 825631.4/18$

Left In: 104.754 ± 0.020 $\chi^2/\text{NDF}: 321063.4/18$

Left: 103.614 ± 0.013 $\chi^2/\text{NDF}: 1107531.9/39$

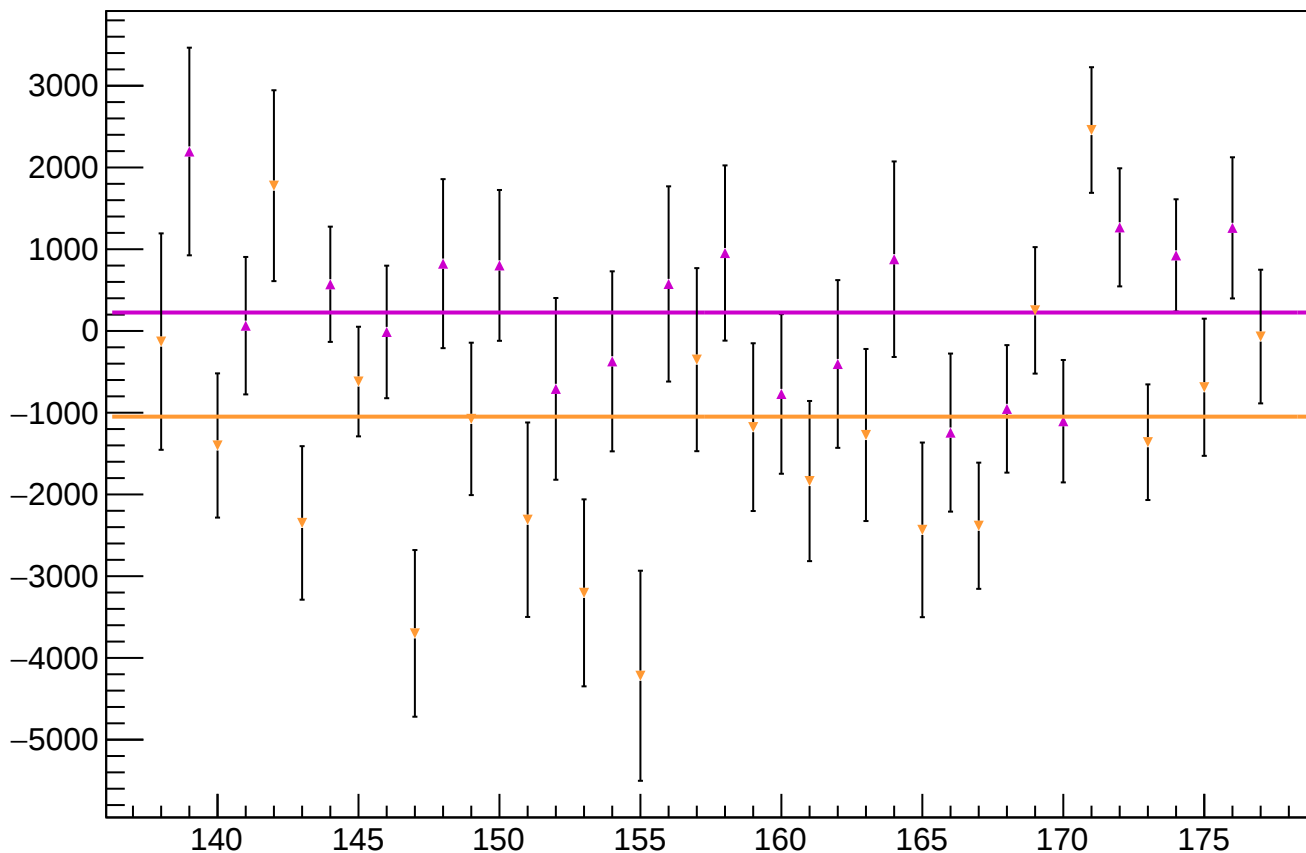
Right: 100.069 ± 0.020 $\chi^2/\text{NDF}: 1512254.1/35$

In: 103.727 ± 0.016 $\chi^2/\text{NDF}: 1011464.0/35$

Out: 101.377 ± 0.015 $\chi^2/\text{NDF}: 1619078.1/39$

All: 102.496 ± 0.011 $\chi^2/\text{NDF}: 2641636.3/75$

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: 225.592+/-206.473 χ^2/NDF :19.1/18

Left: -427.242+/-144.162 χ^2/NDF : 96.1/39

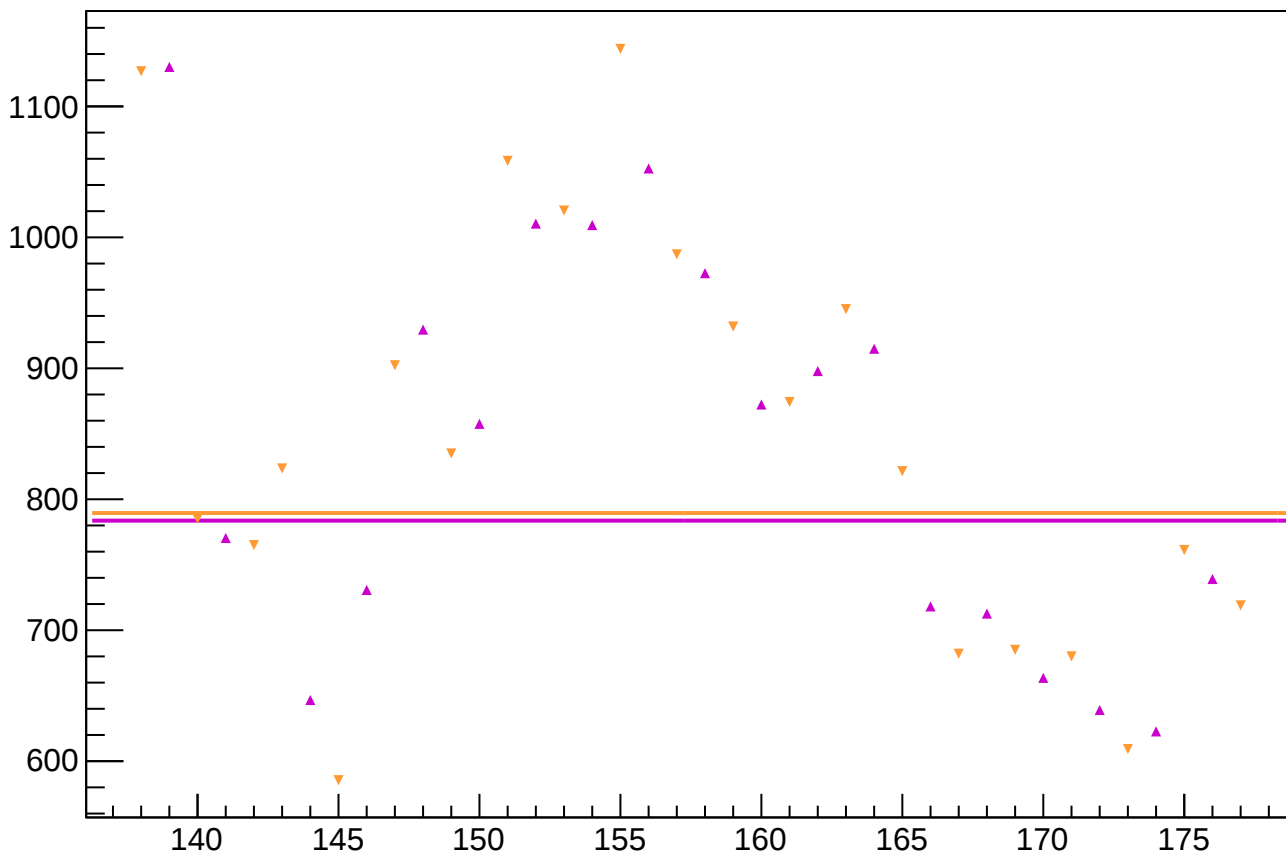
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 225.592+/-206.473 χ^2/NDF :19.1/18

Out: -1048.232+/-201.374 χ^2/NDF :57.6/20

All: -427.242+/-144.162 χ^2/NDF : 96.1/39

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: 783.678+/-0.146 χ^2/NDF :954728.1/18

Left: 786.649+/-0.102 χ^2/NDF : 2063300.8/39

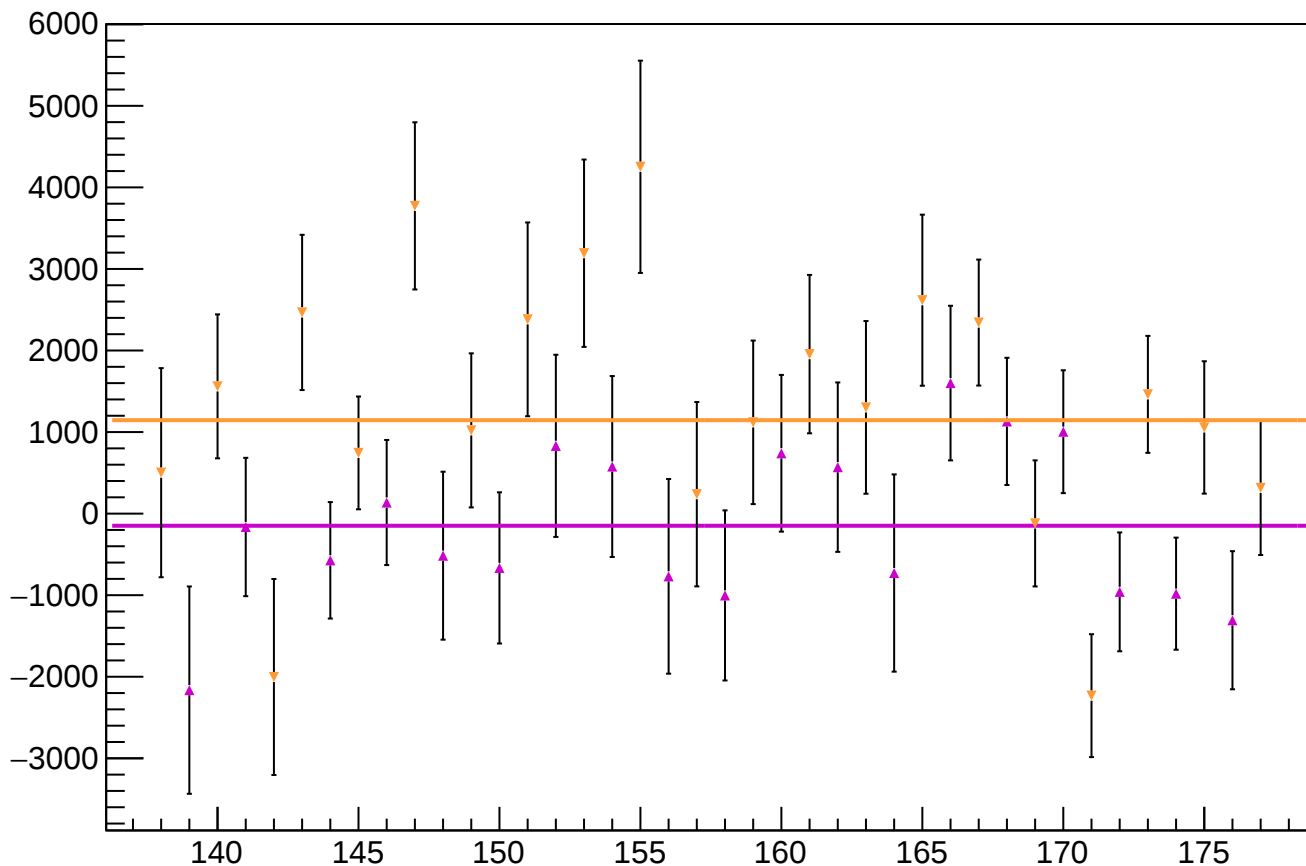
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 783.678+/-0.146 χ^2/NDF :954728.1/18

Out: 789.475+/-0.142 χ^2/NDF :1107764.7/20

All: 786.649+/-0.102 χ^2/NDF : 2063300.8/39

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: -148.640+/-205.740 χ^2/NDF :20.2/18

Left: 511.583+/-144.000 χ^2/NDF : 96.2/39

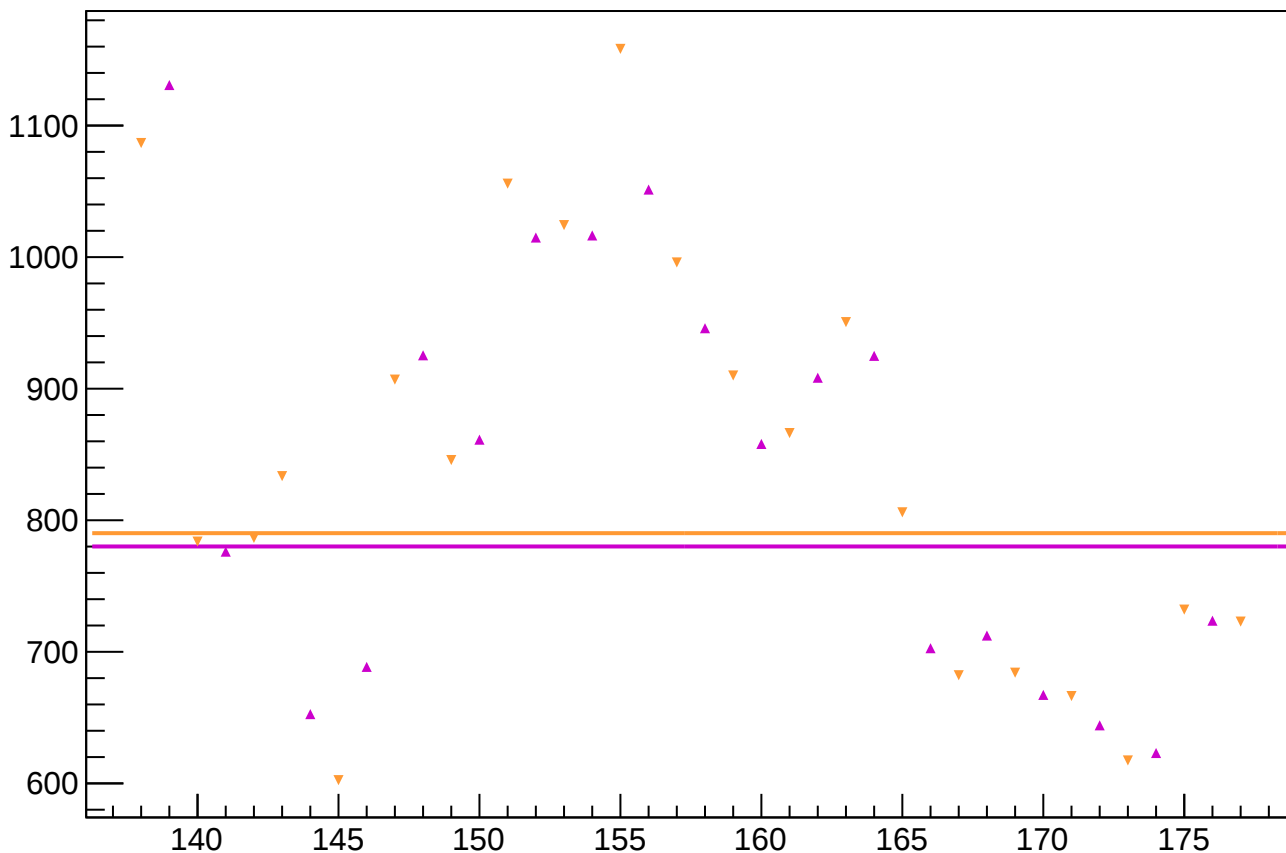
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -148.640+/-205.740 χ^2/NDF :20.2/18

Out: 1145.604+/-201.616 χ^2/NDF :55.9/20

All: 511.583+/-144.000 χ^2/NDF : 96.2/39

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: 780.079+/-0.145 χ^2/NDF :961329.8/18

Left: 785.236+/-0.102 χ^2/NDF : 2022403.6/39

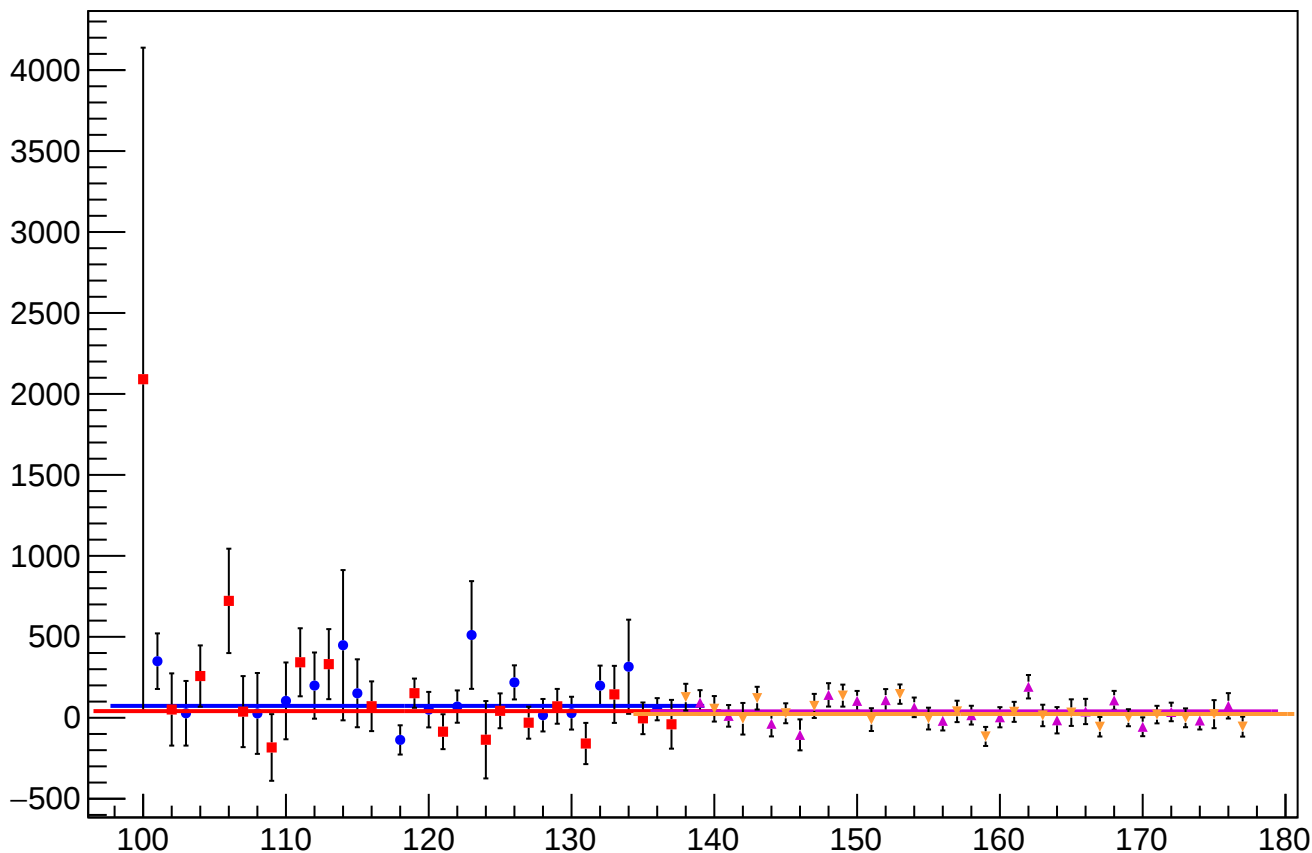
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 780.079+/-0.145 χ^2/NDF :961329.8/18

Out: 790.189+/-0.143 χ^2/NDF :1058610.2/20

All: 785.236+/-0.102 χ^2/NDF : 2022403.6/39

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448+/-31.060 χ^2/NDF : 15.3/16

Left Out: 23.463+/-14.426 χ^2/NDF :21.0/20

Right Out: 41.118+/-32.741 χ^2/NDF : 19.2/18

Left In: 39.587+/-15.191 χ^2/NDF :19.8/18

Left: 31.109+/-10.461 χ^2/NDF : 41.5/39

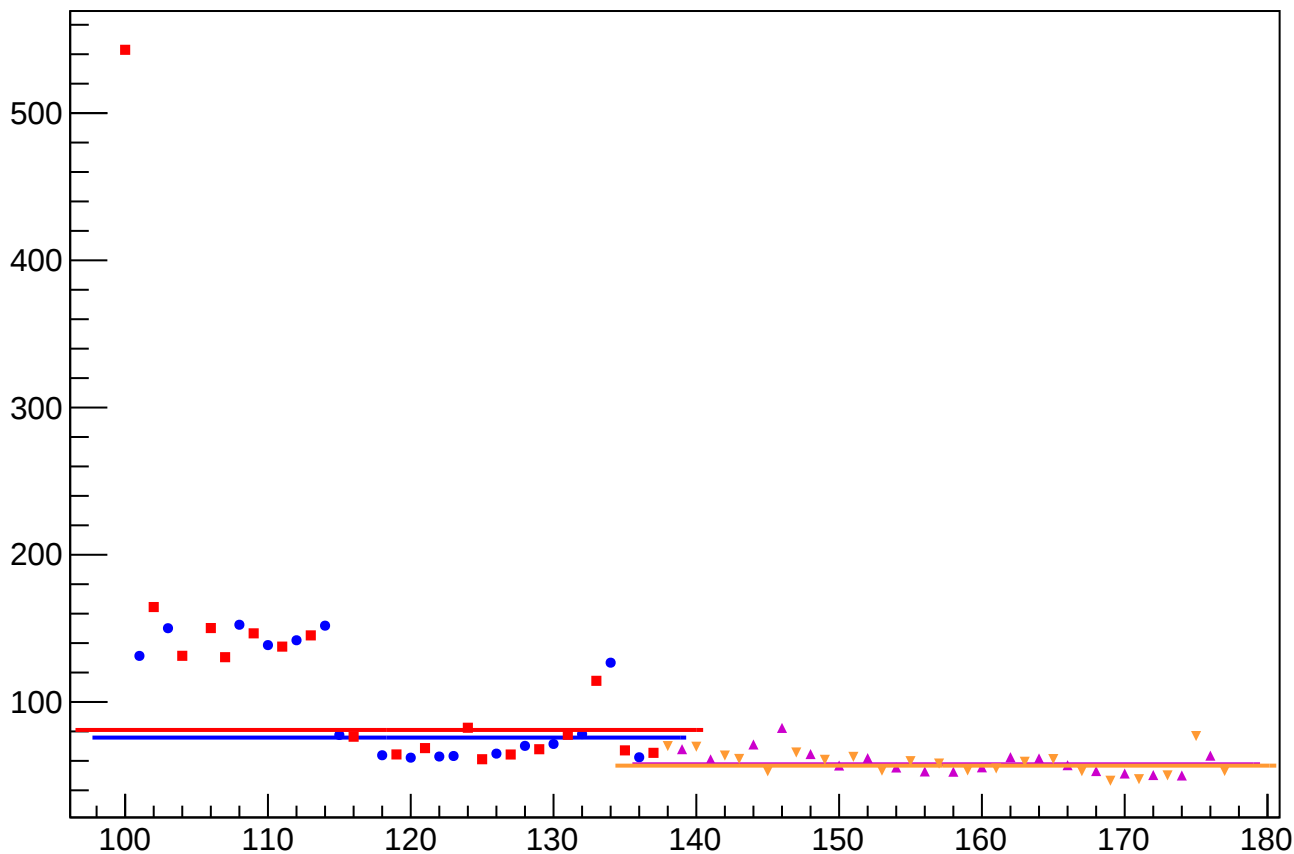
Right: 58.134+/-22.534 χ^2/NDF : 35.0/35

In: 46.123+/-13.646 χ^2/NDF :36.1/35

Out: 26.333+/-13.201 χ^2/NDF :40.5/39

All: 35.900+/-9.488 χ^2/NDF : 77.6/75

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820+/-0.022 χ^2/NDF : 1349961.8/16

Left Out: 56.763+/-0.010 χ^2/NDF : 492483.6/20

Right Out: 80.999+/-0.023 χ^2/NDF : 1627899.8/18

Left In: 57.672+/-0.011 χ^2/NDF : 423510.9/18

Left: 57.194+/-0.007 χ^2/NDF : 919755.9/39

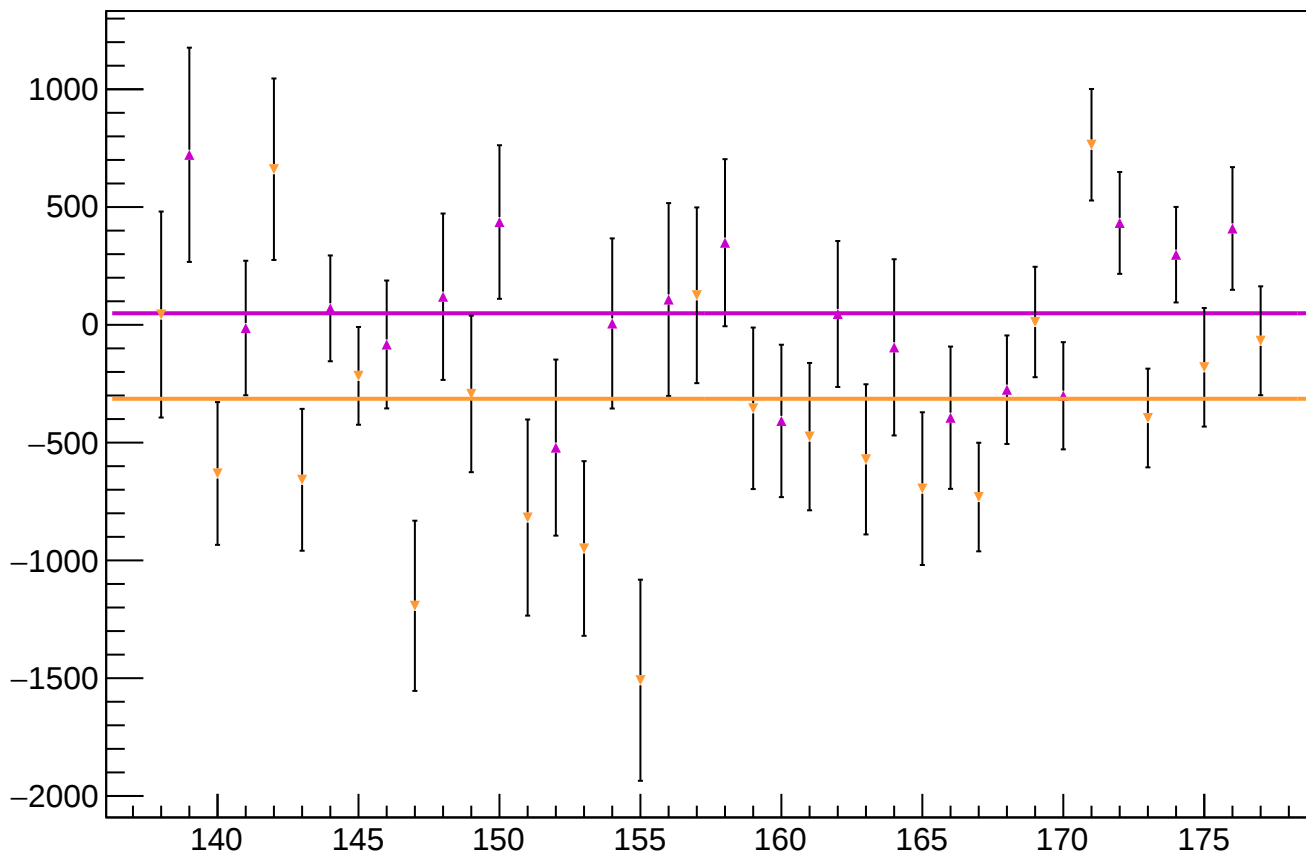
Right: 78.273+/-0.016 χ^2/NDF : 3004207.0/35

In: 61.175+/-0.010 χ^2/NDF : 2324432.9/35

Out: 60.704+/-0.009 χ^2/NDF : 3038134.6/39

All: 60.931+/-0.007 χ^2/NDF : 5363800.0/75

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: 49.158+/-65.456 χ^2/NDF :22.2/18

Left: -138.513+/-45.492 χ^2/NDF : 97.2/39

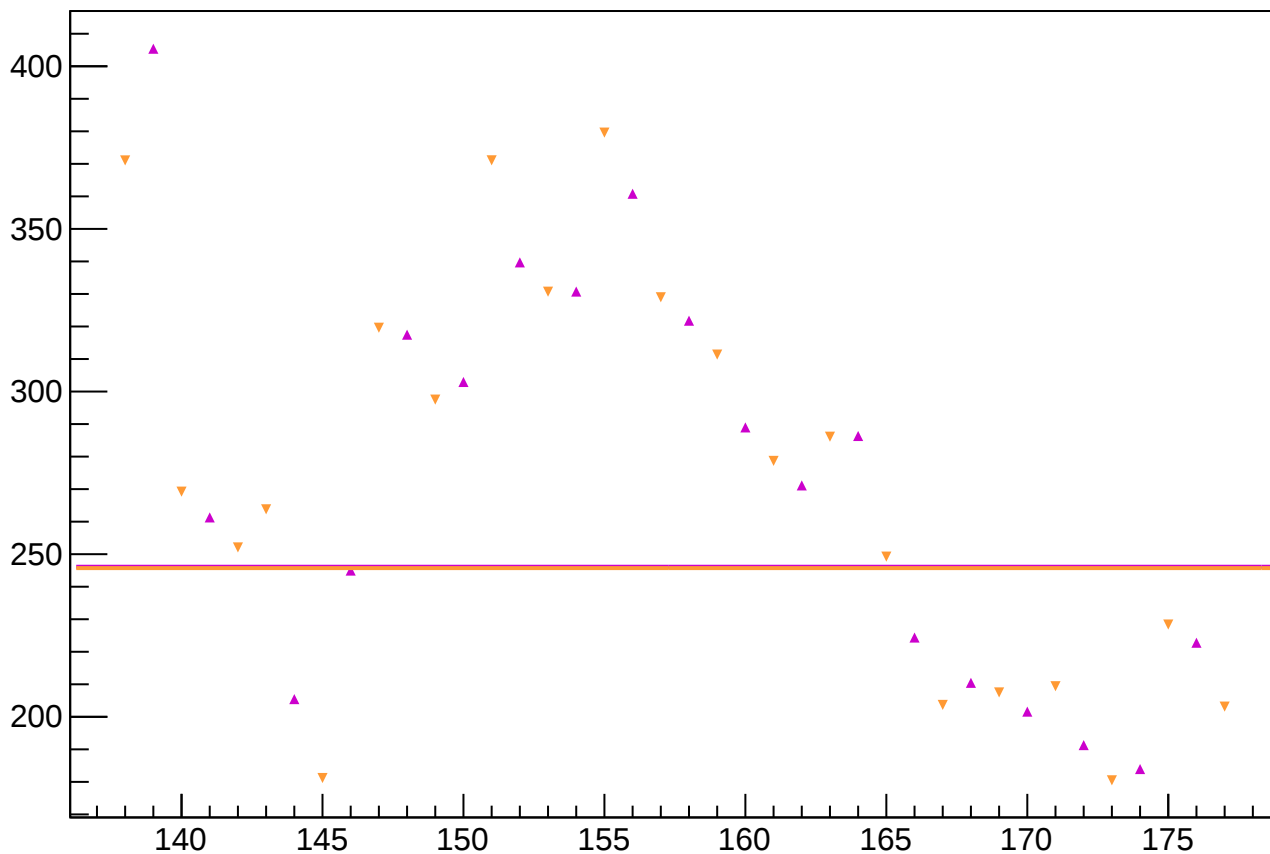
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 49.158+/-65.456 χ^2/NDF :22.2/18

Out: -313.862+/-63.270 χ^2/NDF :59.1/20

All: -138.513+/-45.492 χ^2/NDF : 97.2/39

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: 246.139+/-0.046 χ^2/NDF :1481305.6/18

Left: 245.923+/-0.032 χ^2/NDF : 3140011.5/39

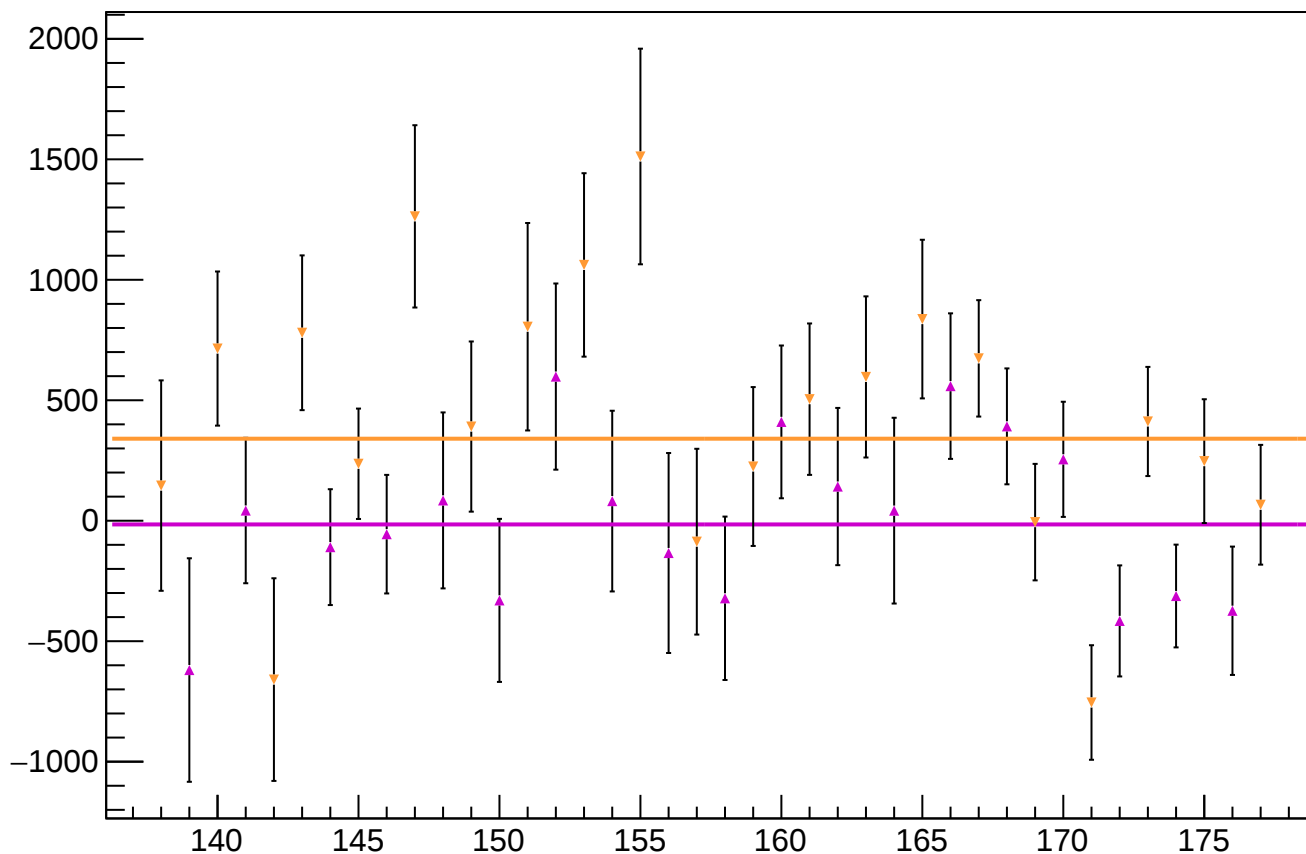
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.139+/-0.046 χ^2/NDF :1481305.6/18

Out: 245.721+/-0.045 χ^2/NDF :1658663.7/20

All: 245.923+/-0.032 χ^2/NDF : 3140011.5/39

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 340.470 $\pm$ 66.125 χ^2 /NDF:58.0/20

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

Left In: -15.372 $\pm$ 67.307 χ^2 /NDF:22.9/18

Left: 165.703 $\pm$ 47.170 χ^2 /NDF: 95.1/39

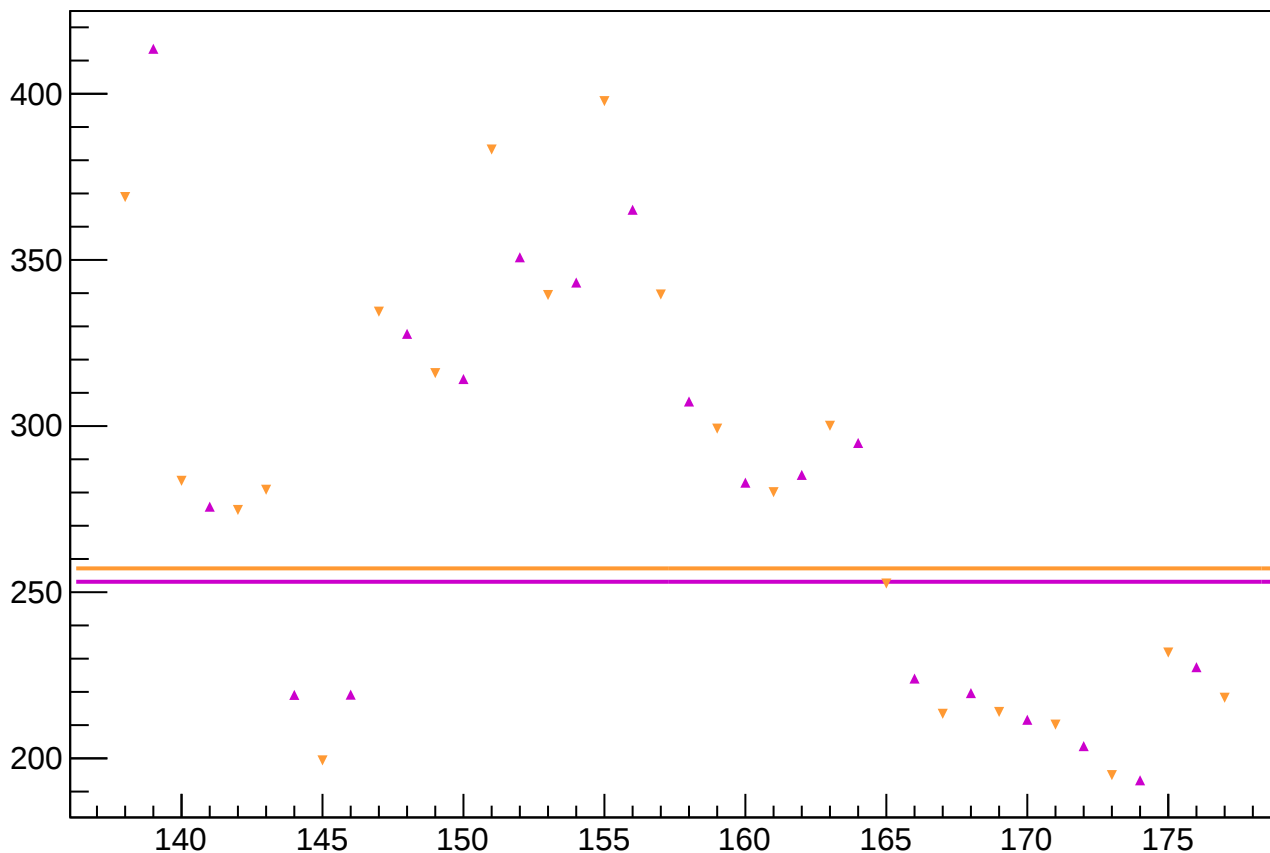
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.372 $\pm$ 67.307 χ^2 /NDF:22.9/18

Out: 340.470 $\pm$ 66.125 χ^2 /NDF:58.0/20

All: 165.703 $\pm$ 47.170 χ^2 /NDF: 95.1/39

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: 253.142+/-0.048 χ^2/NDF :1363252.1/18

Left: 255.191+/-0.033 χ^2/NDF : 2849233.4/39

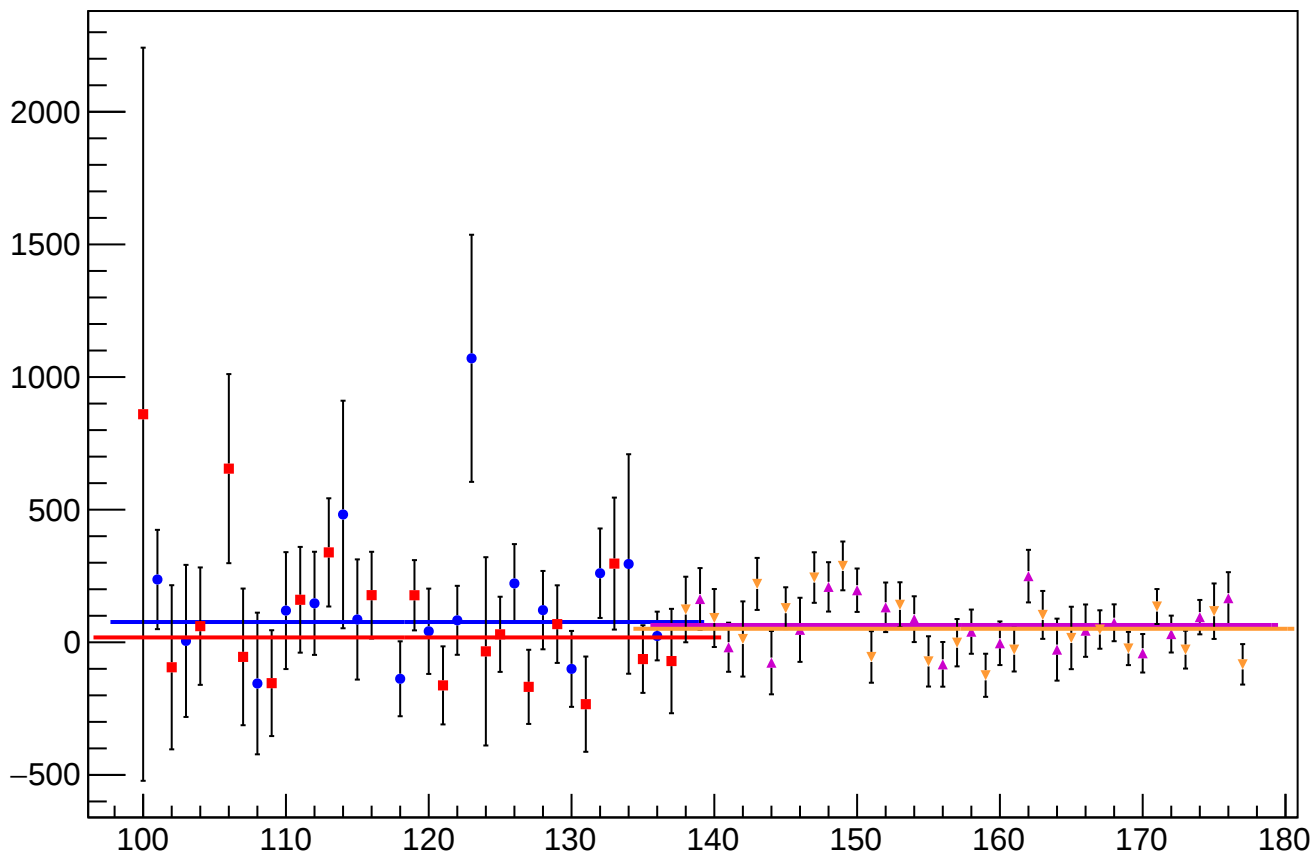
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.142+/-0.048 χ^2/NDF :1363252.1/18

Out: 257.168+/-0.047 χ^2/NDF :1482339.5/20

All: 255.191+/-0.033 χ^2/NDF : 2849233.4/39

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: 65.259 $\pm$ 20.006 χ^2 /NDF:20.2/18

Left: 57.693 $\pm$ 13.736 χ^2 /NDF: 53.8/39

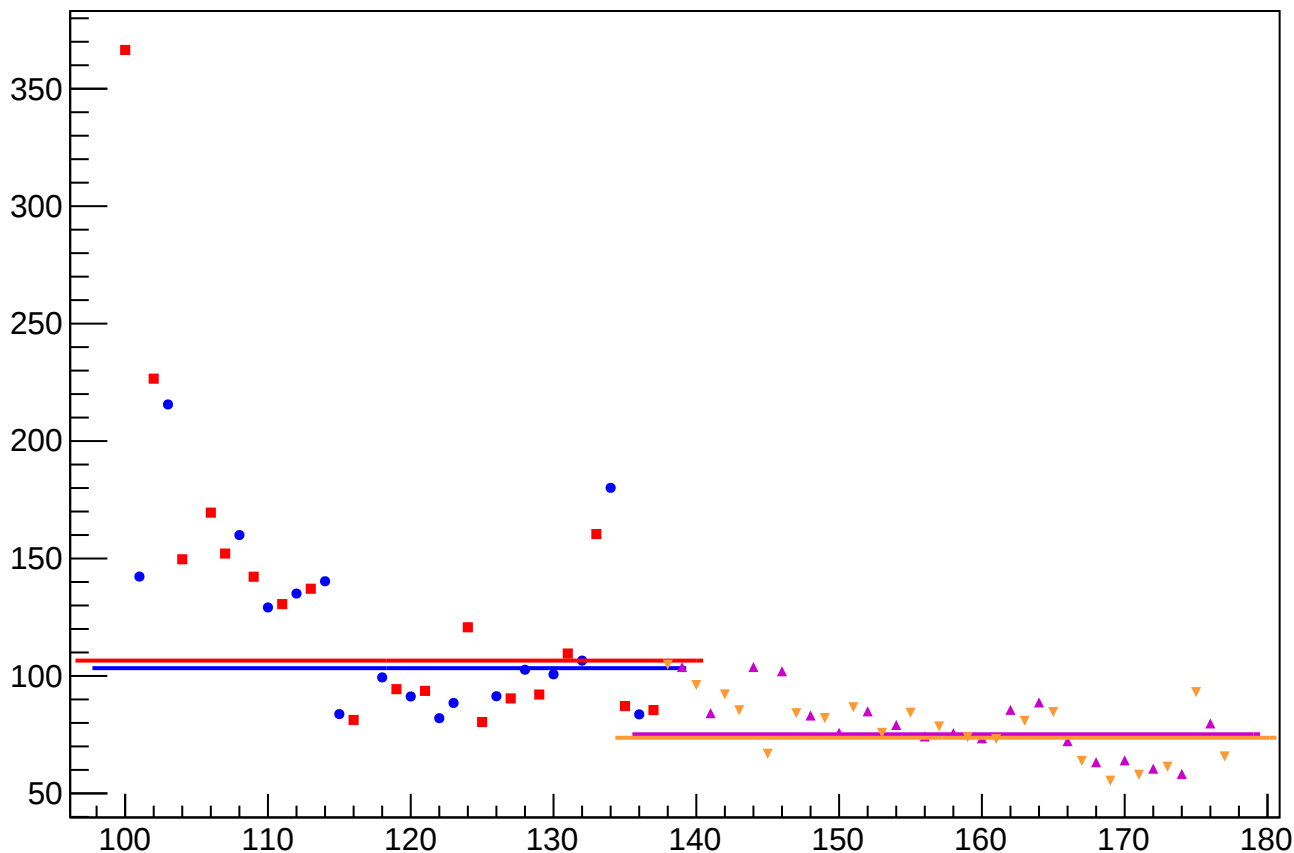
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 67.374 $\pm$ 18.026 χ^2 /NDF:34.2/35

Out: 45.527 $\pm$ 17.249 χ^2 /NDF:51.0/39

All: 55.970 $\pm$ 12.462 χ^2 /NDF: 85.9/75

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: 75.160 $\pm$ 0.014 χ^2 /NDF: 779993.3/18

Left: 74.380 $\pm$ 0.010 χ^2 /NDF: 1684923.5/39

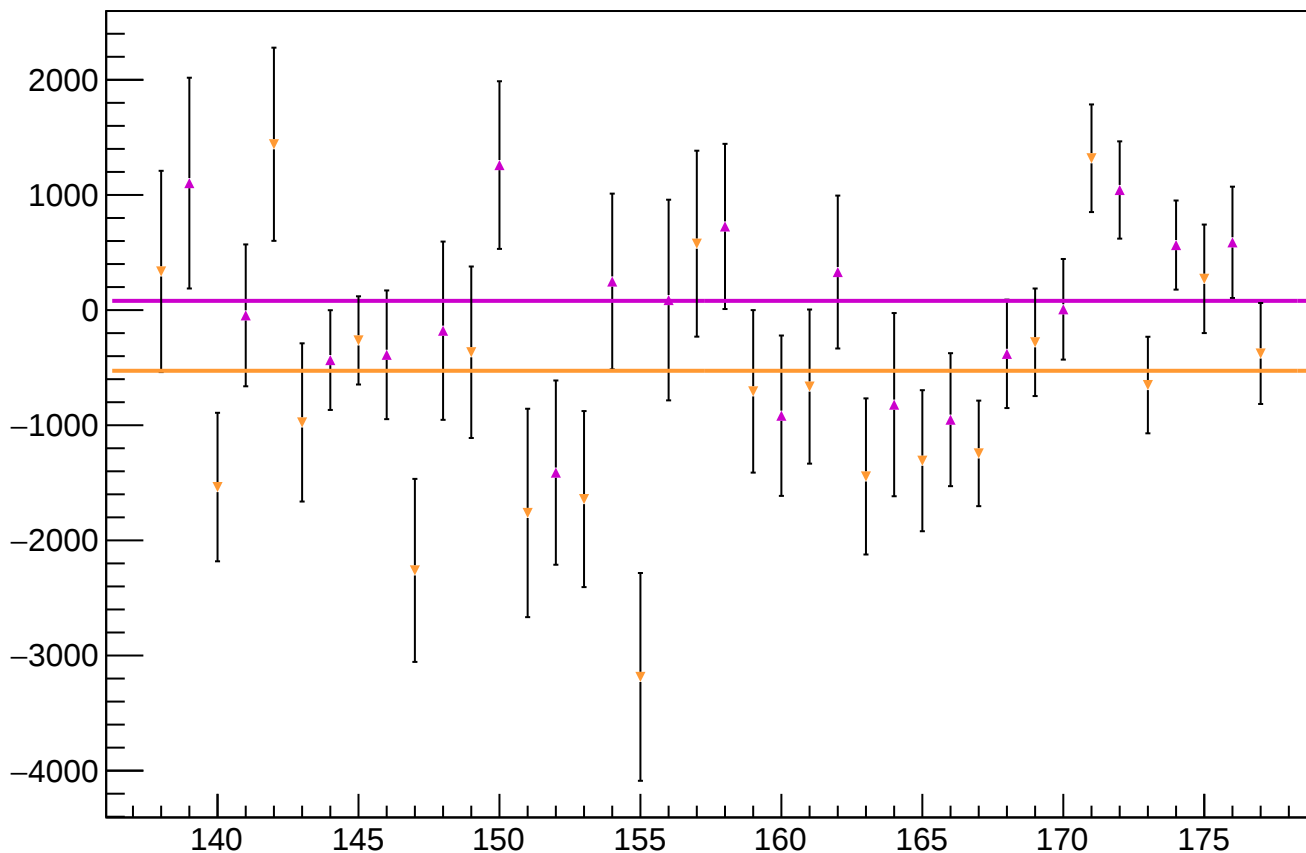
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 80.458 $\pm$ 0.013 χ^2 /NDF: 2363205.1/35

Out: 79.152 $\pm$ 0.012 χ^2 /NDF: 2977107.7/39

All: 79.776 $\pm$ 0.009 χ^2 /NDF: 5345792.6/75

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -527.024 $\pm$ 127.470 χ^2 /NDF:54.1/20

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

Left In: 80.284 $\pm$ 131.680 χ^2 /NDF:26.0/18

Left: -233.234 $\pm$ 91.587 χ^2 /NDF: 91.1/39

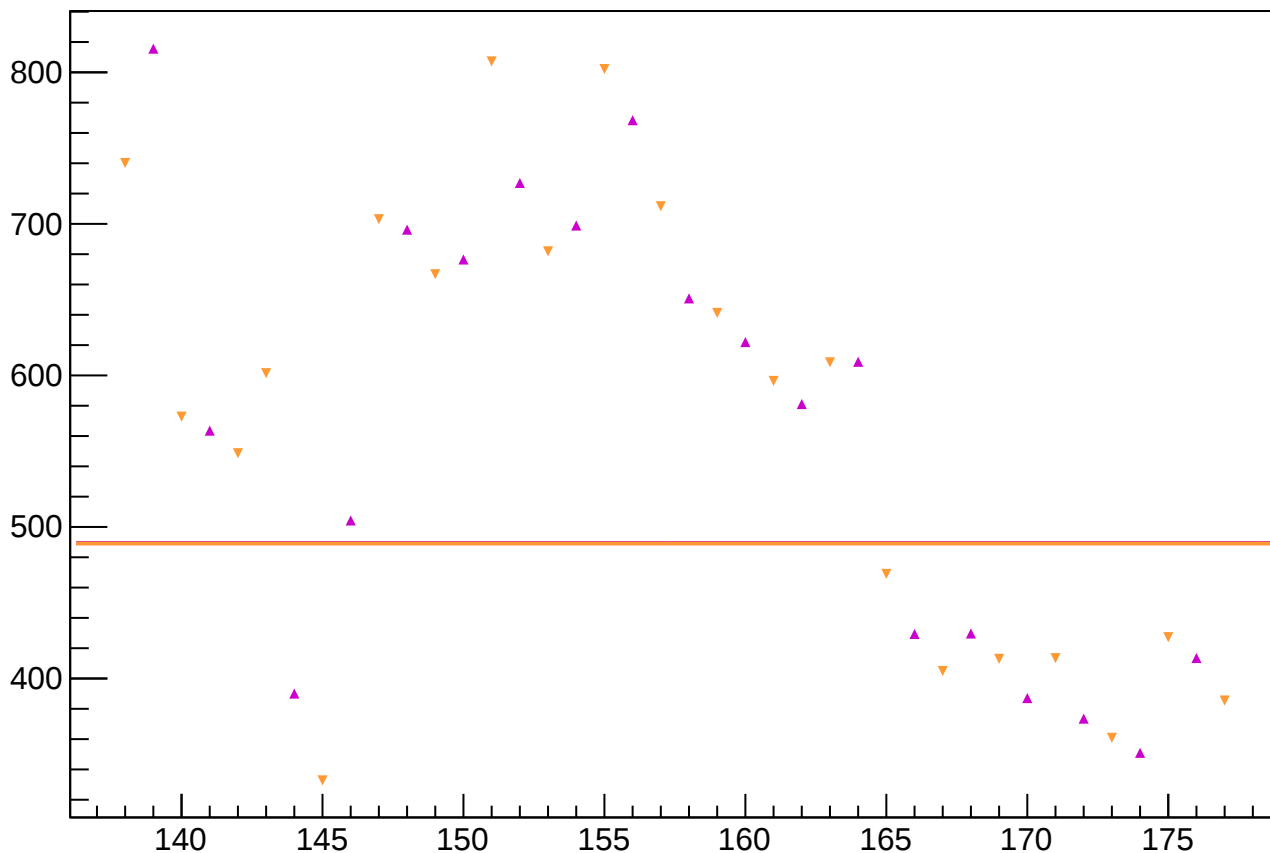
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 80.284 $\pm$ 131.680 χ^2 /NDF:26.0/18

Out: -527.024 $\pm$ 127.470 χ^2 /NDF:54.1/20

All: -233.234 $\pm$ 91.587 χ^2 /NDF: 91.1/39

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: 489.409+/-0.093 χ^2/NDF :2072874.7/18

Left: 489.246+/-0.065 χ^2/NDF : 4408846.2/39

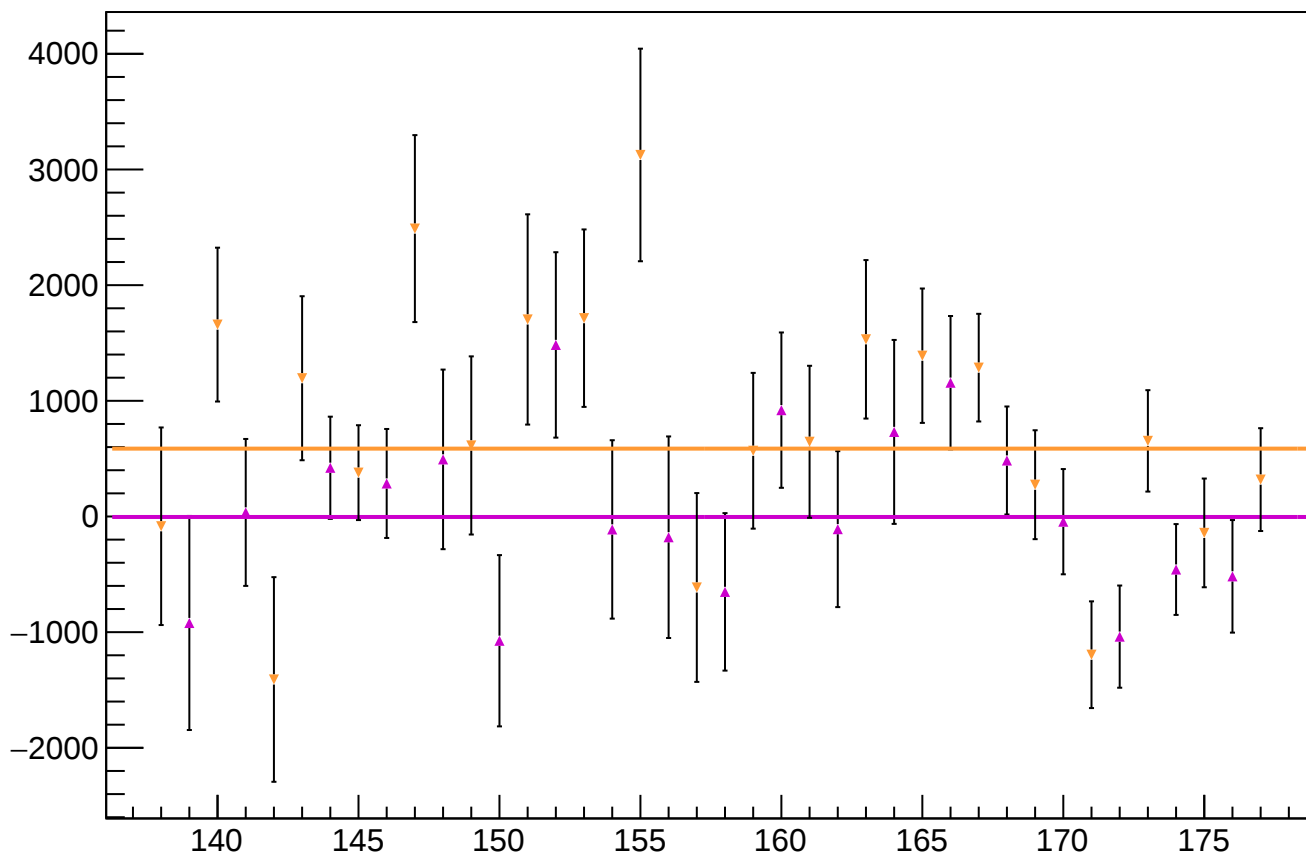
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 489.409+/-0.093 χ^2/NDF :2072874.7/18

Out: 489.092+/-0.090 χ^2/NDF :2335965.5/20

All: 489.246+/-0.065 χ^2/NDF : 4408846.2/39

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: -4.182+/-131.603 χ^2/NDF :25.1/18

Left: 296.683+/-92.201 χ^2/NDF : 87.9/39

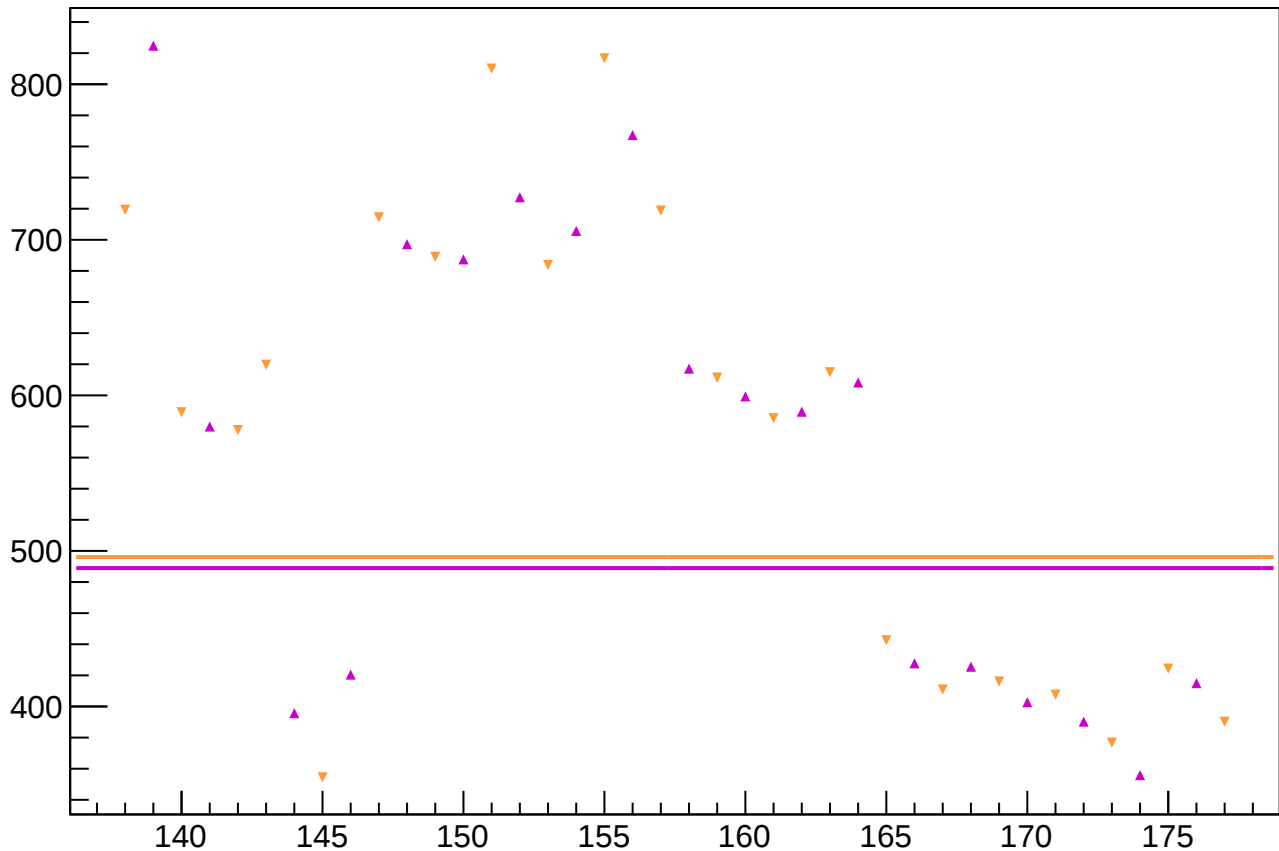
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.182+/-131.603 χ^2/NDF :25.1/18

Out: 586.727+/-129.214 χ^2/NDF :52.5/20

All: 296.683+/-92.201 χ^2/NDF : 87.9/39

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: 488.957+/-0.093 χ^2/NDF :1984231.6/18

Left: 492.590+/-0.065 χ^2/NDF : 4181132.2/39

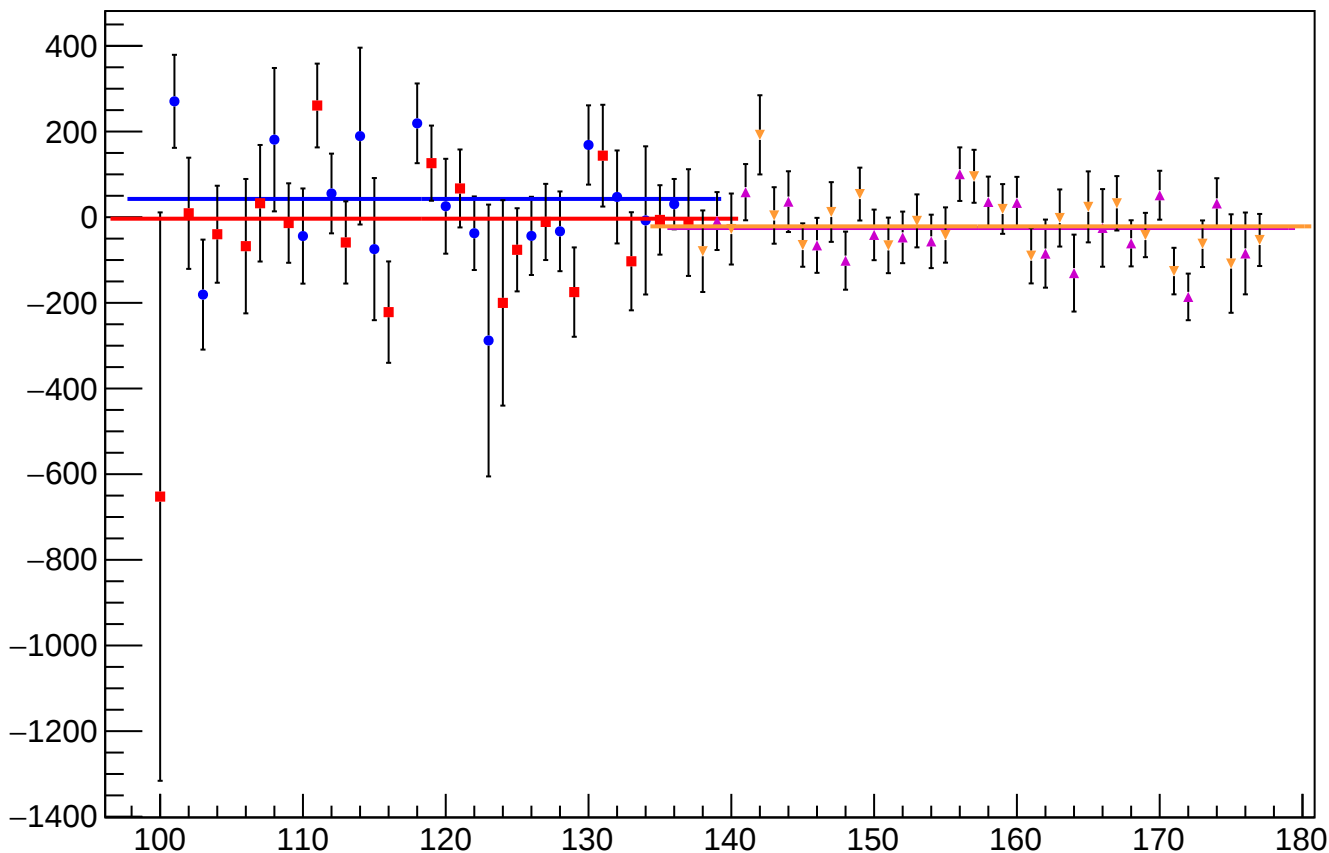
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 488.957+/-0.093 χ^2/NDF :1984231.6/18

Out: 496.093+/-0.091 χ^2/NDF :2193906.6/20

All: 492.590+/-0.065 χ^2/NDF : 4181132.2/39

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 ± 25.486 $\chi^2/\text{NDF}: 18.9/16$

Left Out: -21.380 ± 14.127 $\chi^2/\text{NDF}: 20.5/20$

Right Out: -3.503 ± 25.070 $\chi^2/\text{NDF}: 21.4/18$

Left In: -25.243 ± 14.851 $\chi^2/\text{NDF}: 24.9/18$

Left: -23.215 ± 10.236 $\chi^2/\text{NDF}: 45.4/39$

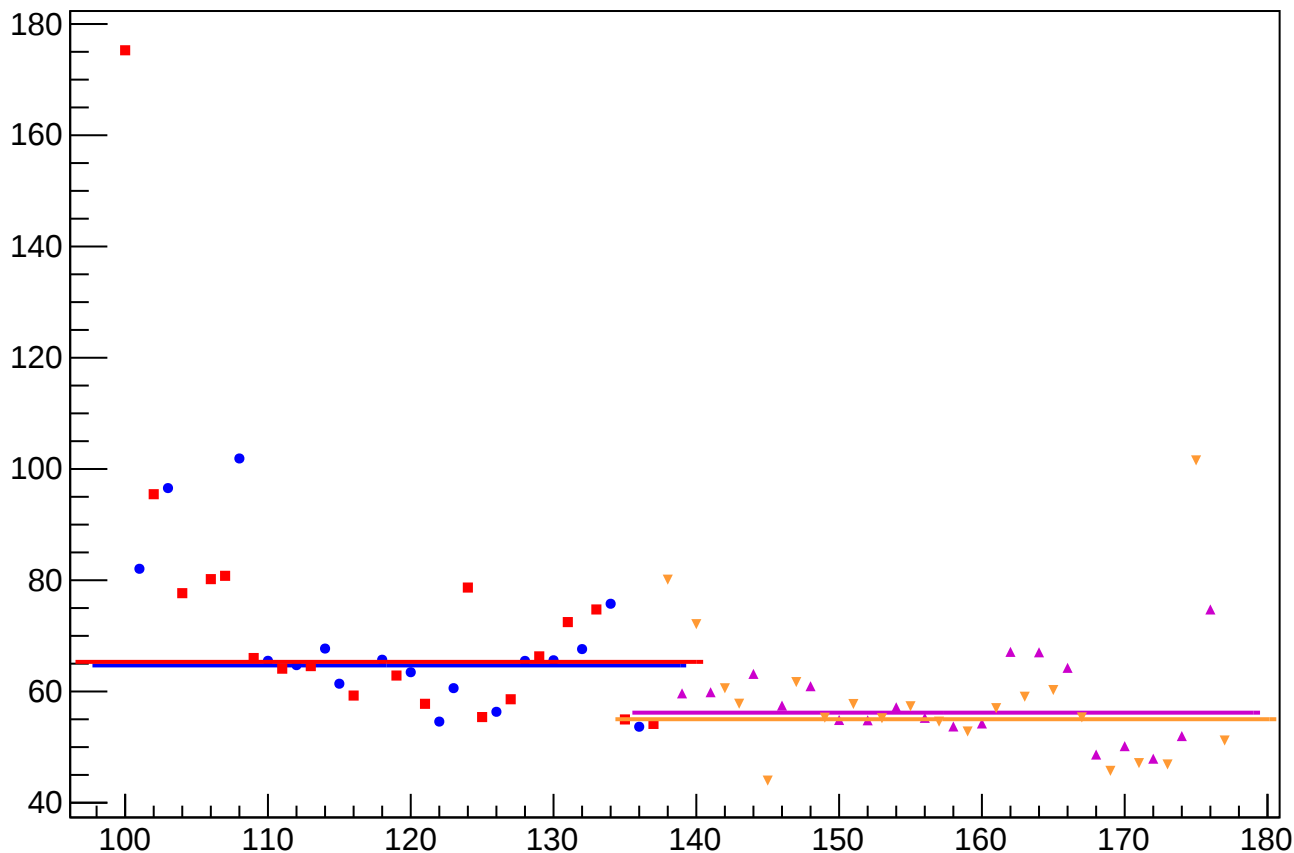
Right: 19.196 ± 17.872 $\chi^2/\text{NDF}: 41.9/35$

In: -8.032 ± 12.831 $\chi^2/\text{NDF}: 49.0/35$

Out: -17.072 ± 12.308 $\chi^2/\text{NDF}: 42.2/39$

All: -12.740 ± 8.882 $\chi^2/\text{NDF}: 91.5/75$

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 55.014 $\pm$ 0.010 χ^2 /NDF: 860884.4/20

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 56.193 $\pm$ 0.011 χ^2 /NDF: 326062.2/18

Left: 55.574 $\pm$ 0.007 χ^2 /NDF: 1193561.6/39

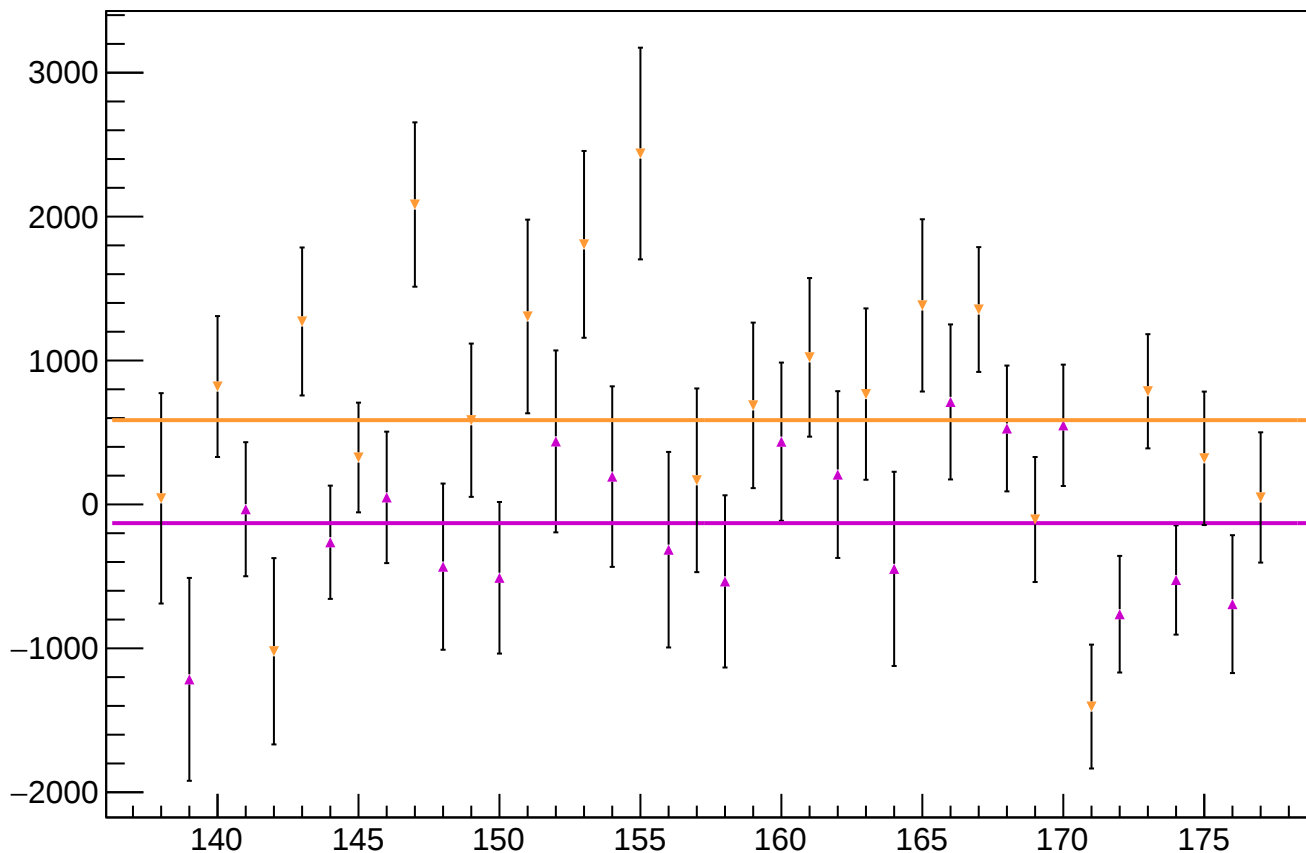
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 58.345 $\pm$ 0.009 χ^2 /NDF: 892051.5/35

Out: 57.499 $\pm$ 0.009 χ^2 /NDF: 1477216.4/39

All: 57.904 $\pm$ 0.006 χ^2 /NDF: 2373802.1/75

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: -129.985+/-115.735 χ^2/NDF :18.9/18

Left: 236.616+/-80.828 χ^2/NDF : 97.6/39

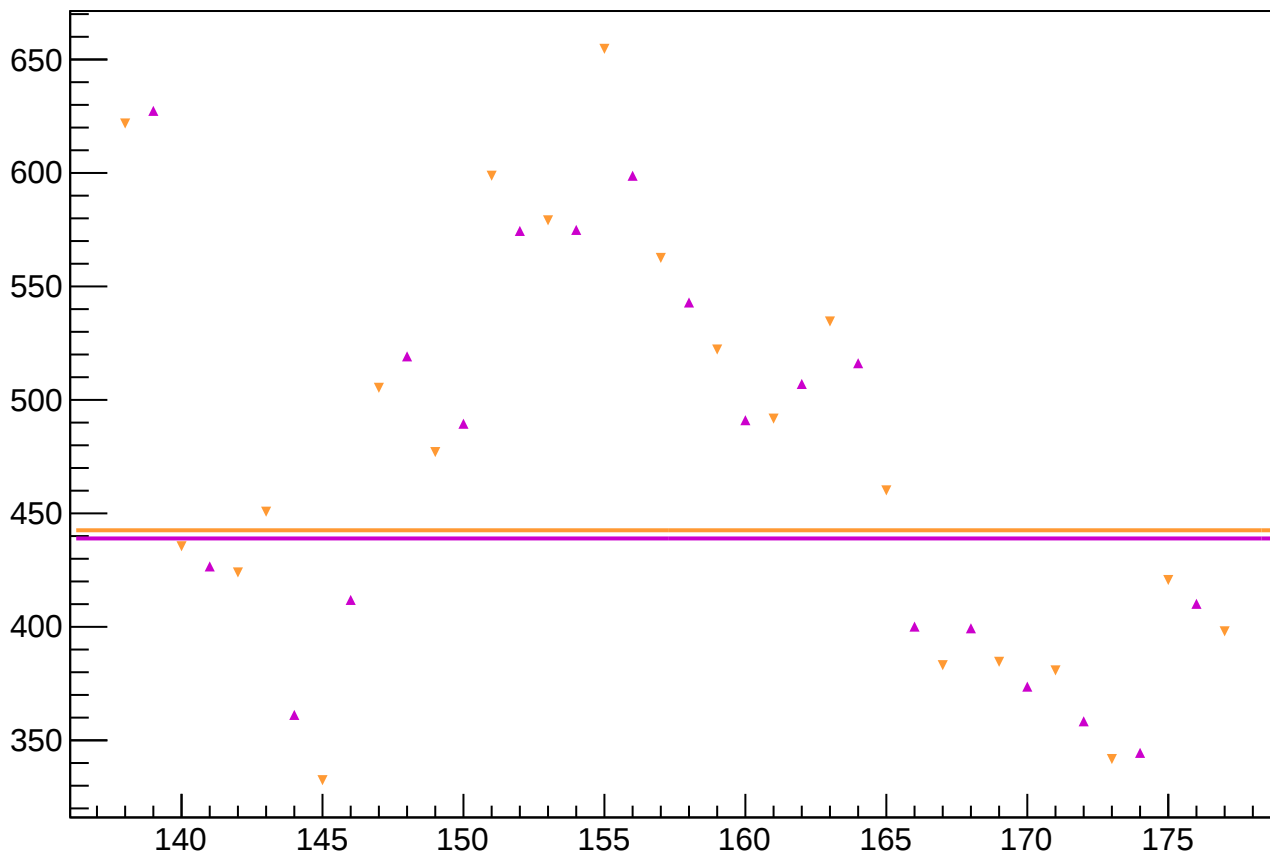
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -129.985+/-115.735 χ^2/NDF :18.9/18

Out: 585.674+/-112.932 χ^2/NDF :59.1/20

All: 236.616+/-80.828 χ^2/NDF : 97.6/39

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: 438.952+/-0.082 χ^2/NDF :1000054.7/18

Left: 440.797+/-0.057 χ^2/NDF : 2127938.9/39

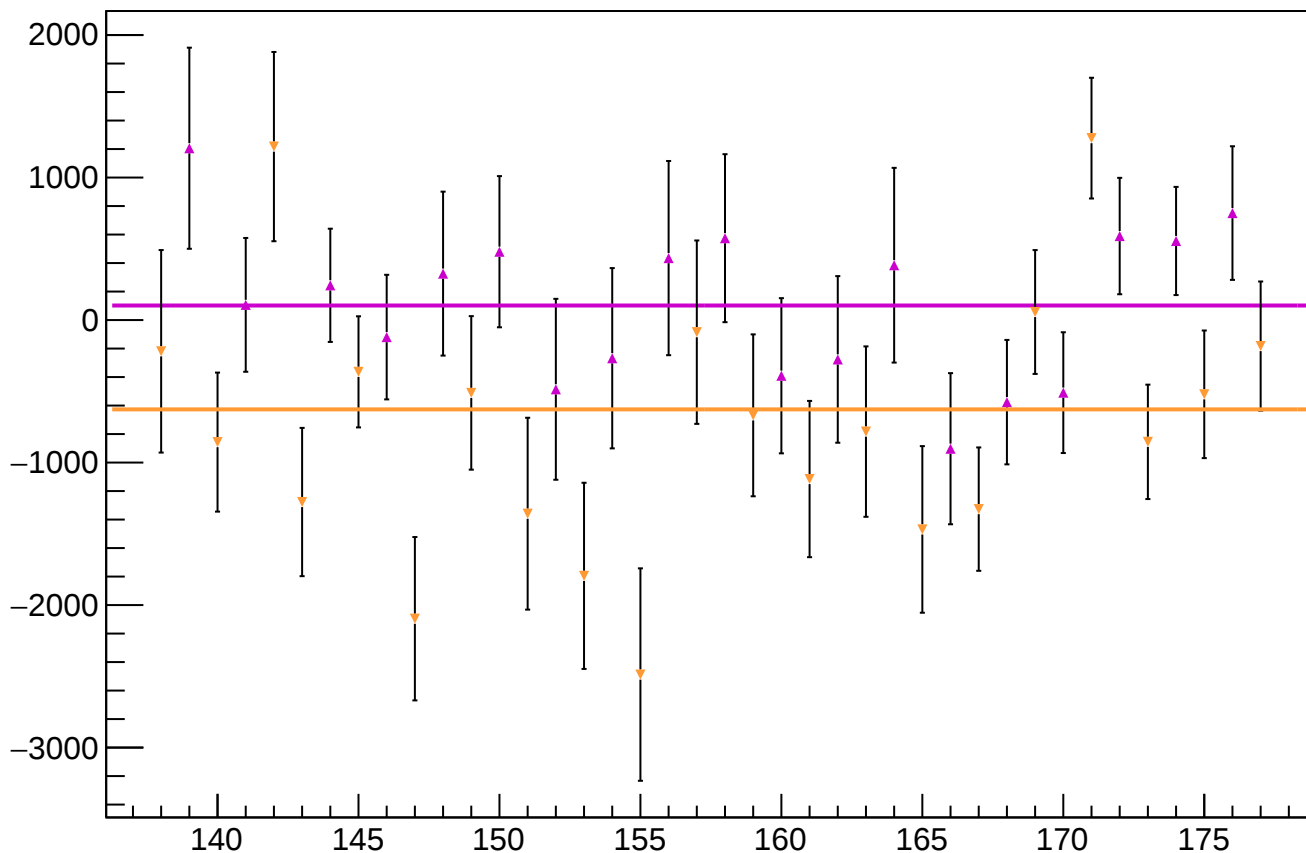
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.952+/-0.082 χ^2/NDF :1000054.7/18

Out: 442.554+/-0.080 χ^2/NDF :1126891.9/20

All: 440.797+/-0.057 χ^2/NDF : 2127938.9/39

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -626.785+/-112.938 χ^2/NDF :57.8/20

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

Left In: 102.093+/-115.467 χ^2/NDF :19.8/18

Left: -270.414+/-80.738 χ^2/NDF : 98.0/39

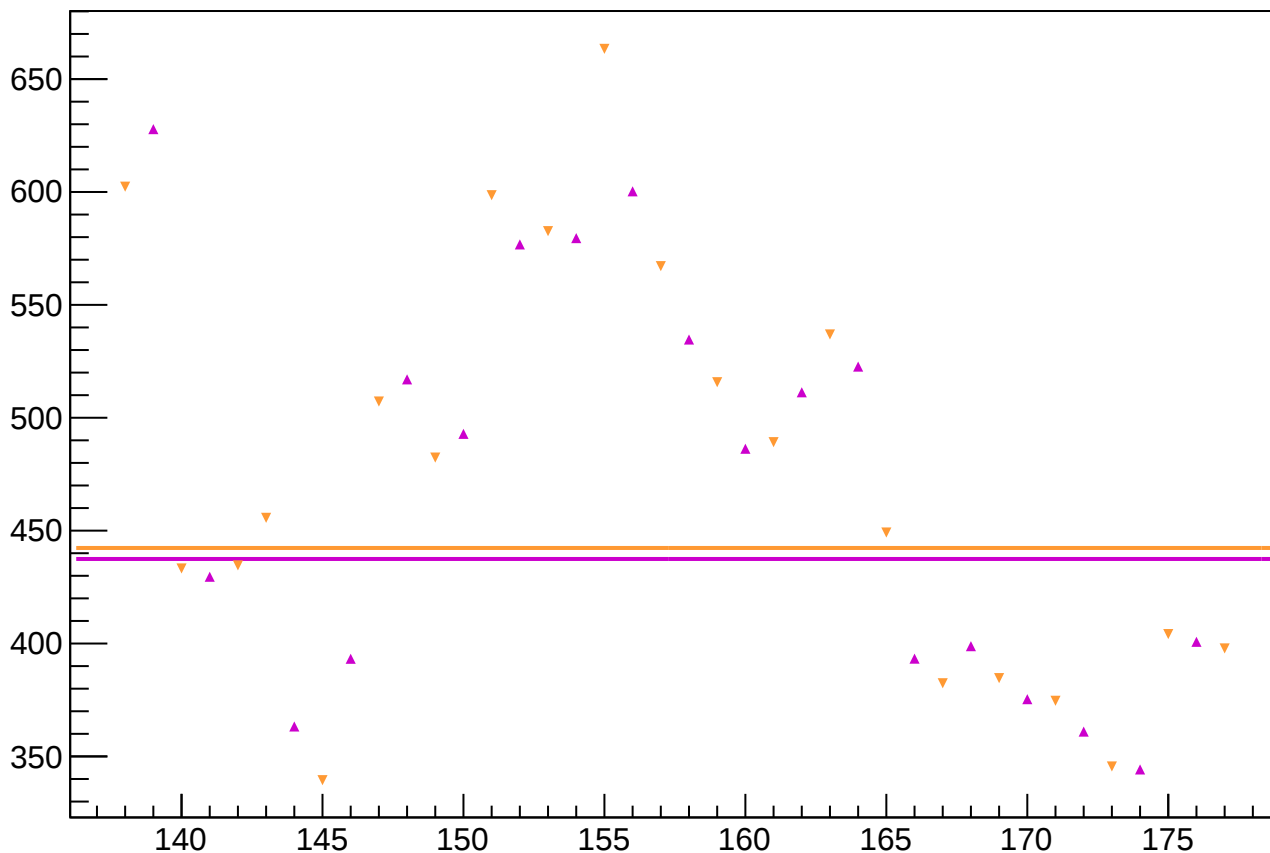
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 102.093+/-115.467 χ^2/NDF :19.8/18

Out: -626.785+/-112.938 χ^2/NDF :57.8/20

All: -270.414+/-80.738 χ^2/NDF : 98.0/39

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: 437.451+/-0.082 χ^2/NDF :1016928.1/18

Left: 439.943+/-0.057 χ^2/NDF : 2122480.1/39

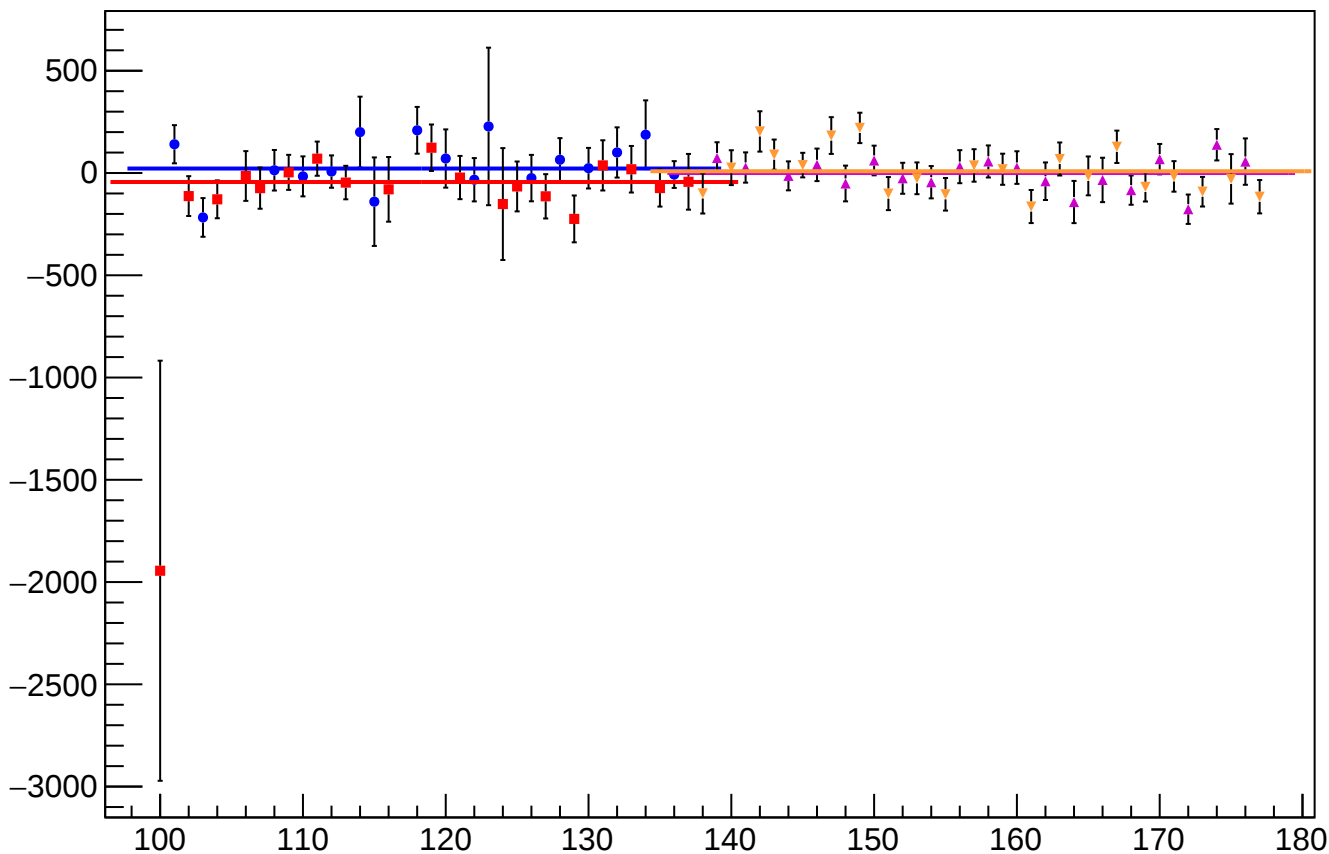
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 437.451+/-0.082 χ^2/NDF :1016928.1/18

Out: 442.326+/-0.080 χ^2/NDF :1103730.2/20

All: 439.943+/-0.057 χ^2/NDF : 2122480.1/39

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: 0.235 ± 18.406 χ^2/NDF : 17.5/18

Left: 4.680 ± 12.669 χ^2/NDF : 53.4/39

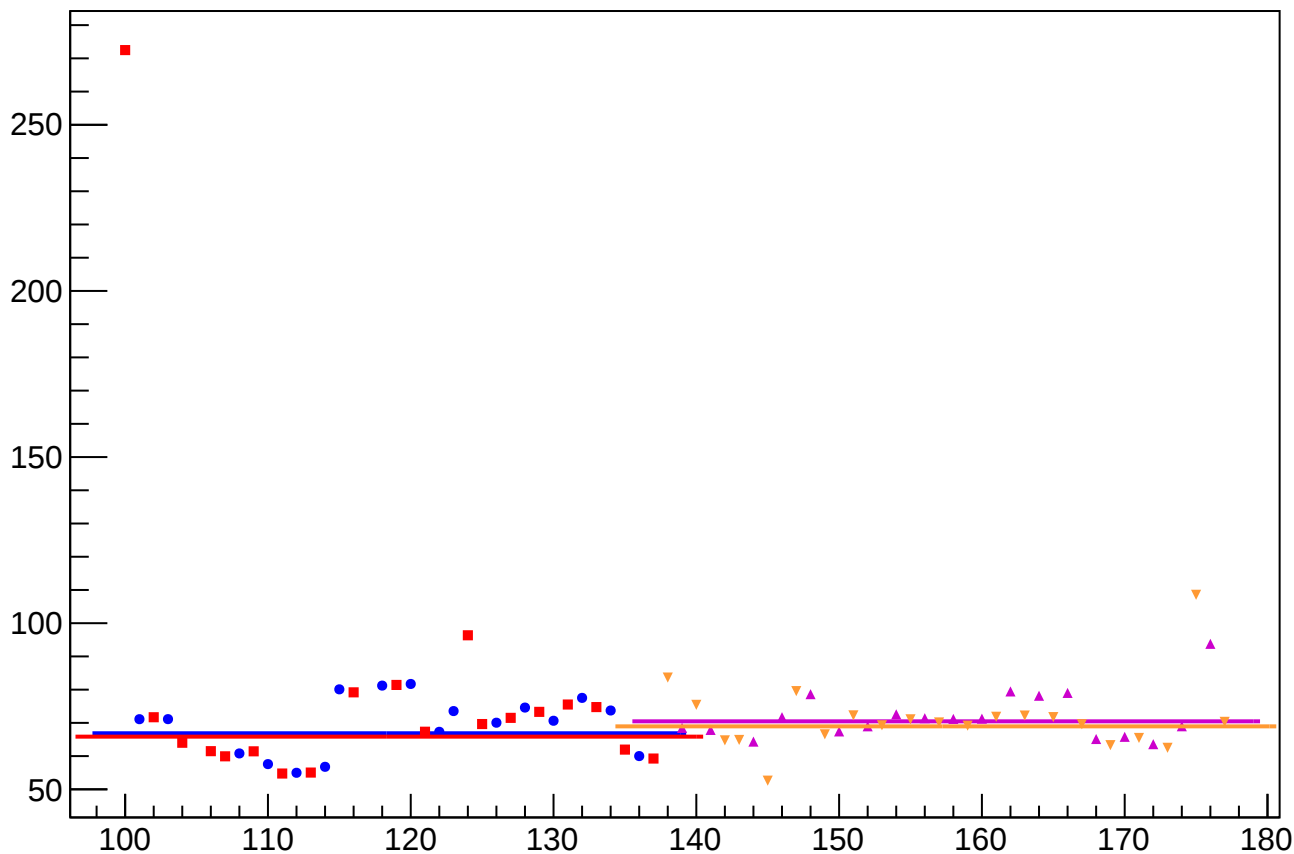
Right: -12.241 ± 18.080 χ^2/NDF : 31.7/35

In: 7.450 ± 15.033 χ^2/NDF : 33.1/35

Out: -8.481 ± 14.338 χ^2/NDF : 52.0/39

All: -0.893 ± 10.375 χ^2/NDF : 85.6/75

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: 70.467 $\pm$ 0.013 χ^2/NDF : 208312.1/18

Left: 69.669 $\pm$ 0.009 χ^2/NDF : 719728.2/39

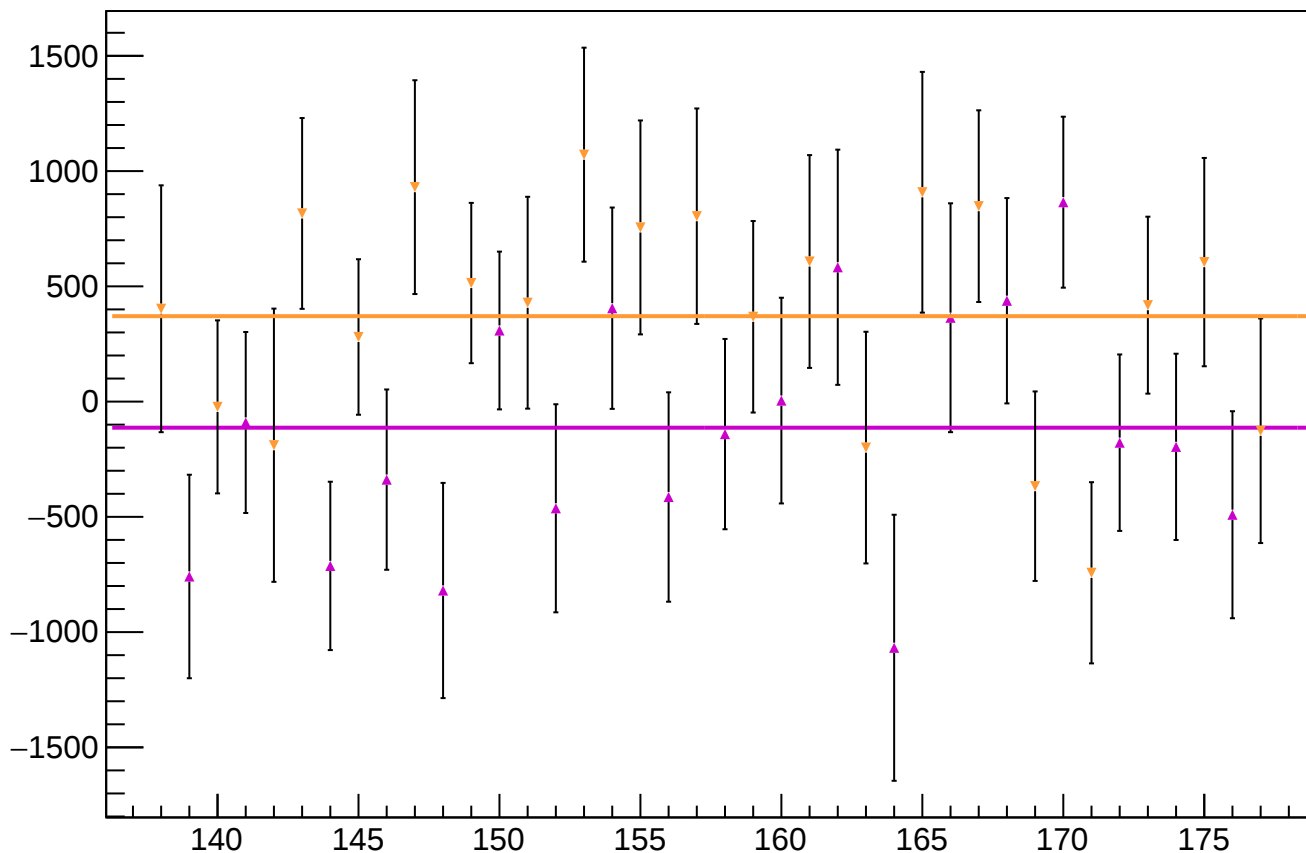
Right: 66.344 $\pm$ 0.013 χ^2/NDF : 503972.2/35

In: 69.270 $\pm$ 0.011 χ^2/NDF : 436222.9/35

Out: 67.940 $\pm$ 0.010 χ^2/NDF : 824634.2/39

All: 68.574 $\pm$ 0.007 χ^2/NDF : 1269049.2/75

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: -113.194+/-97.221 χ^2/NDF :26.3/18

Left: 135.352+/-67.797 χ^2/NDF : 64.2/39

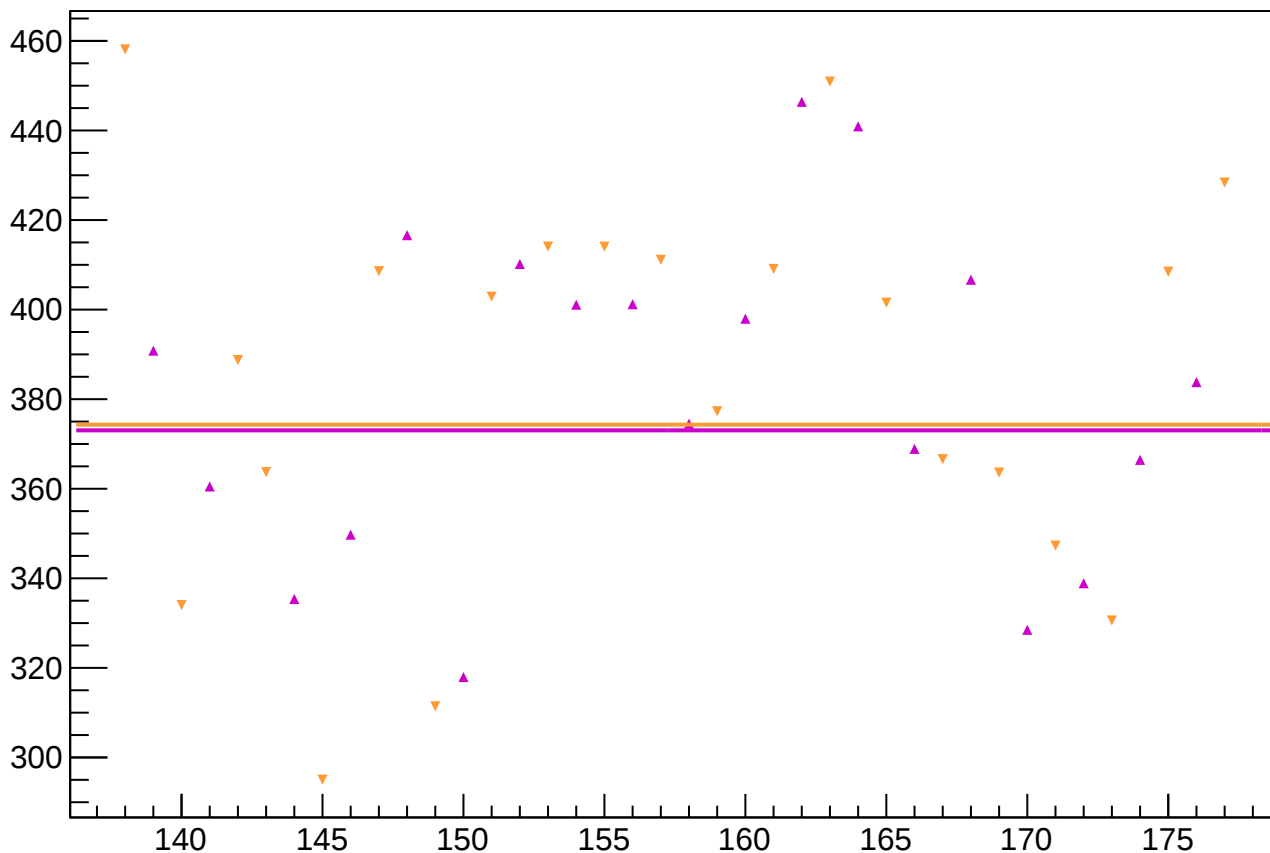
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -113.194+/-97.221 χ^2/NDF :26.3/18

Out: 370.641+/-94.593 χ^2/NDF :25.2/20

All: 135.352+/-67.797 χ^2/NDF : 64.2/39

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: 373.040+/-0.069 χ^2/NDF :265668.0/18

Left: 373.692+/-0.048 χ^2/NDF : 713540.7/39

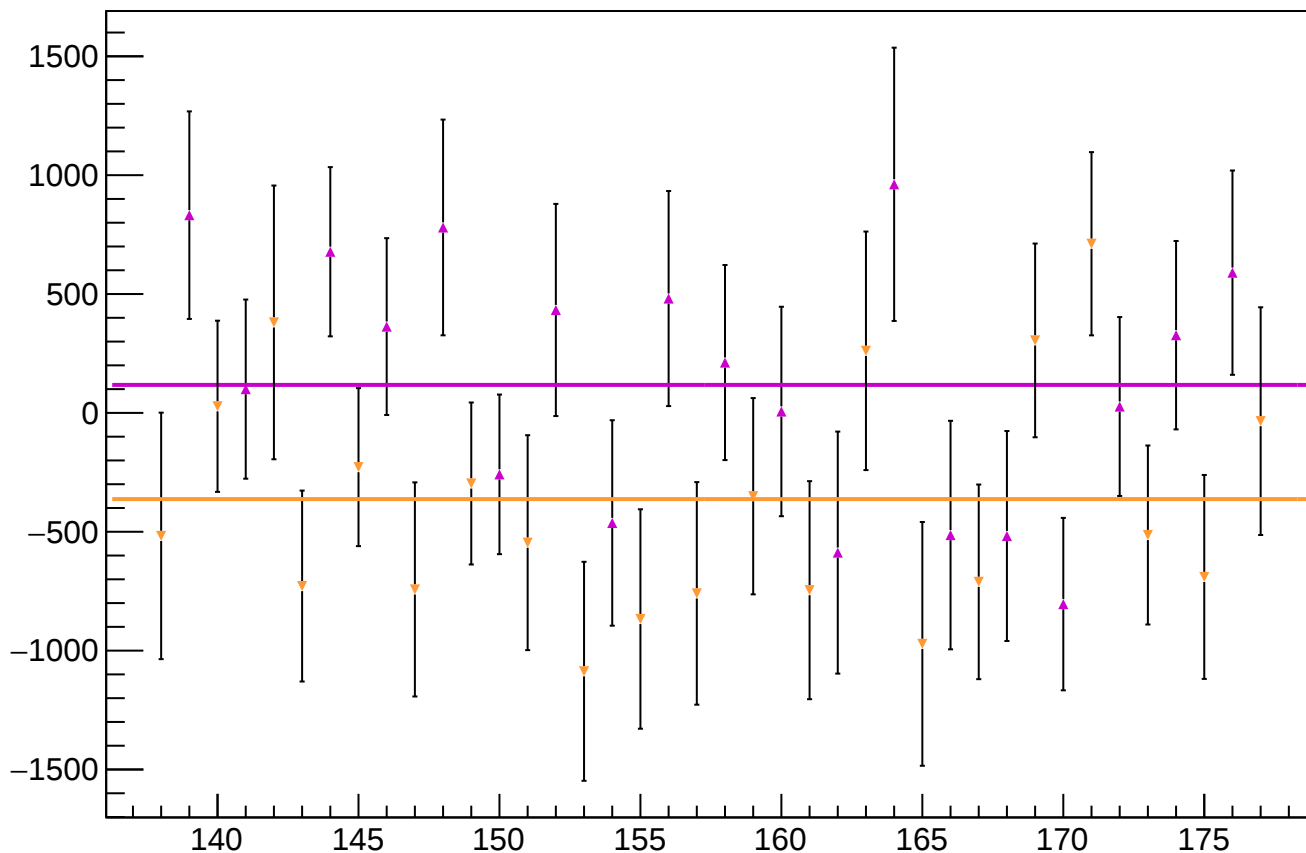
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.040+/-0.069 χ^2/NDF :265668.0/18

Out: 374.310+/-0.067 χ^2/NDF :447697.2/20

All: 373.692+/-0.048 χ^2/NDF : 713540.7/39

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: 117.759+/-95.217 χ^2/NDF :27.9/18

Left: -128.545+/-66.461 χ^2/NDF : 66.2/39

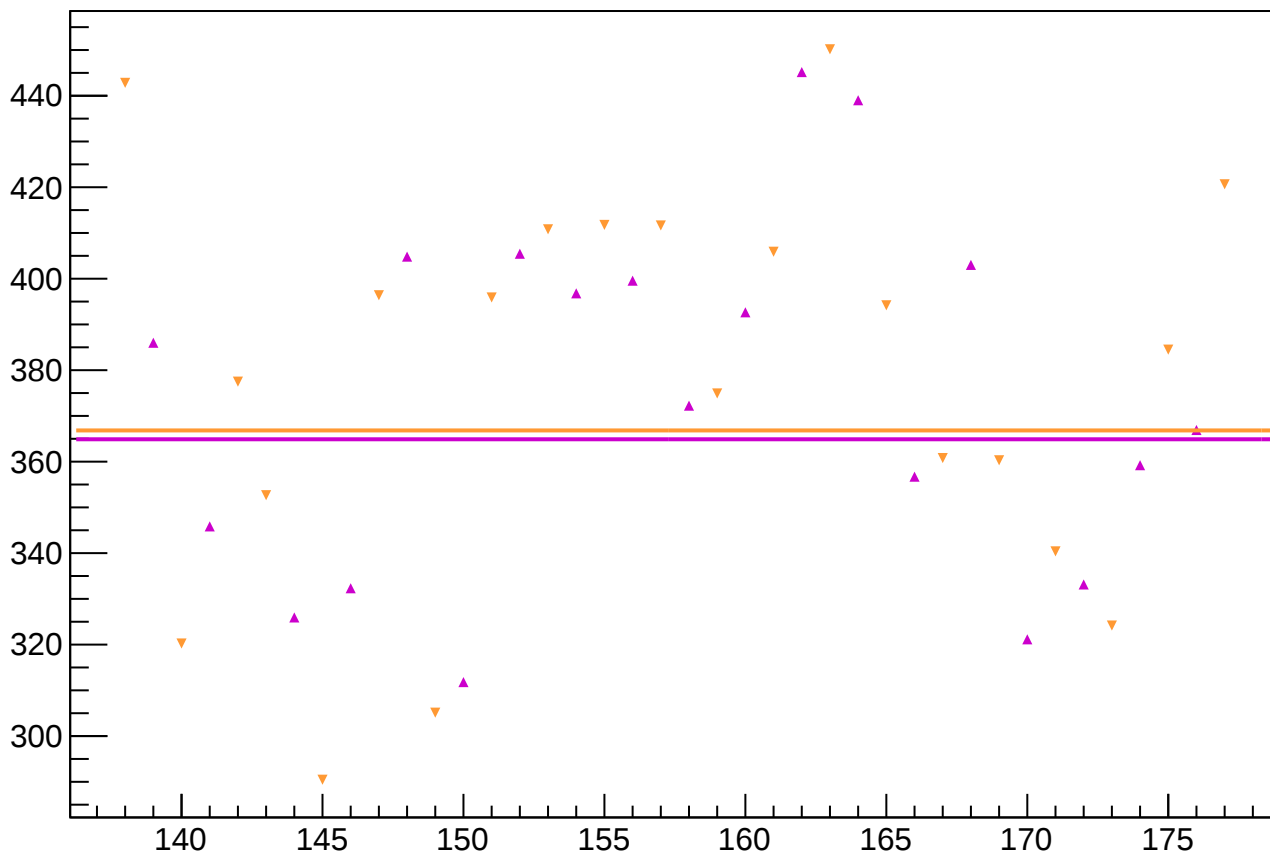
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 117.759+/-95.217 χ^2/NDF :27.9/18

Out: -362.555+/-92.810 χ^2/NDF :25.3/20

All: -128.545+/-66.461 χ^2/NDF : 66.2/39

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: 364.893+/-0.067 χ^2/NDF : 304667.4/18

Left: 365.885+/-0.047 χ^2/NDF : 769199.9/39

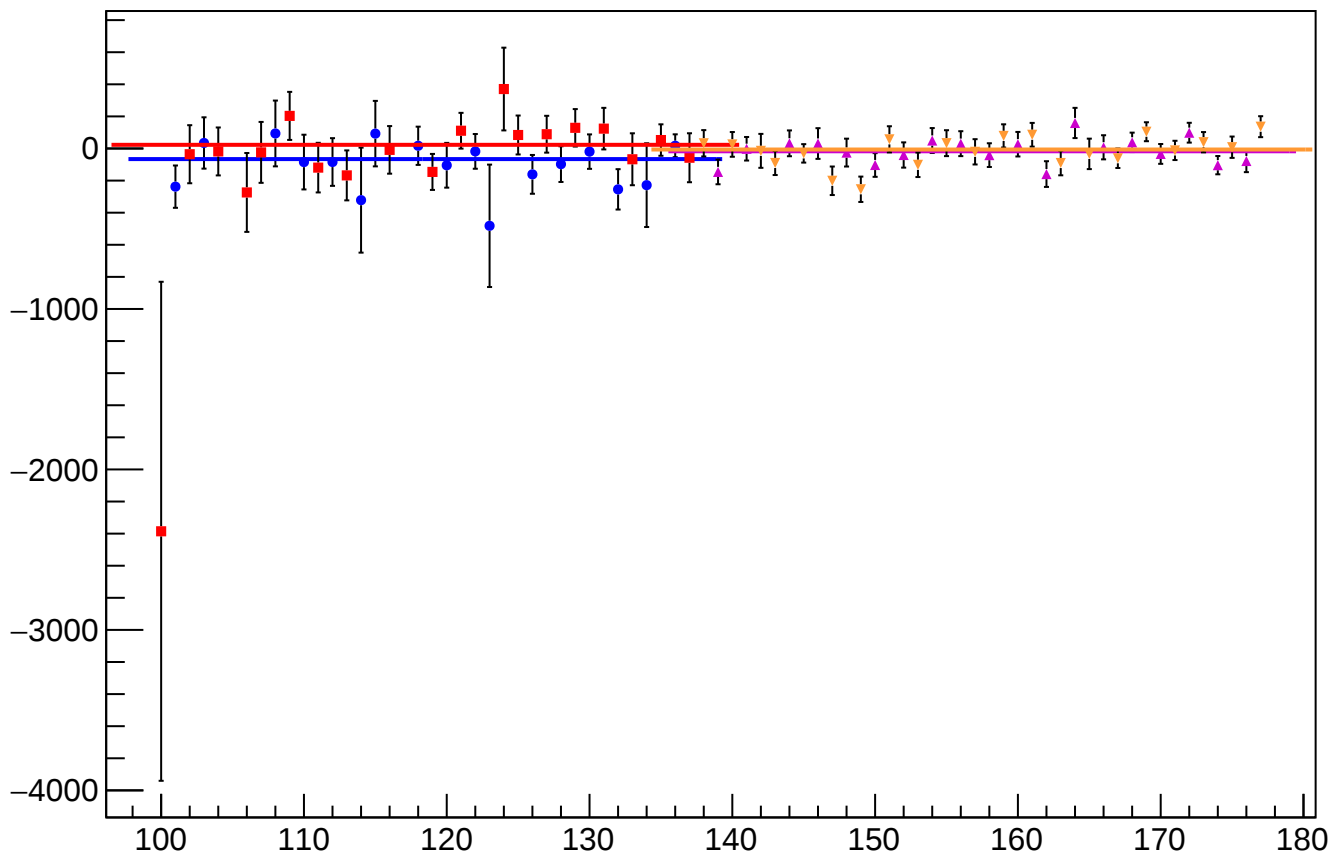
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 364.893+/-0.067 χ^2/NDF : 304667.4/18

Out: 366.827+/-0.066 χ^2/NDF : 464109.3/20

All: 365.885+/-0.047 χ^2/NDF : 769199.9/39

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -6.332 ± 15.785 $\chi^2/\text{NDF}: 32.8/20$

Right Out: 22.908 ± 32.782 $\chi^2/\text{NDF}: 15.3/18$

Left In: -17.341 ± 16.806 $\chi^2/\text{NDF}: 20.7/18$

Left: -11.492 ± 11.506 $\chi^2/\text{NDF}: 53.7/39$

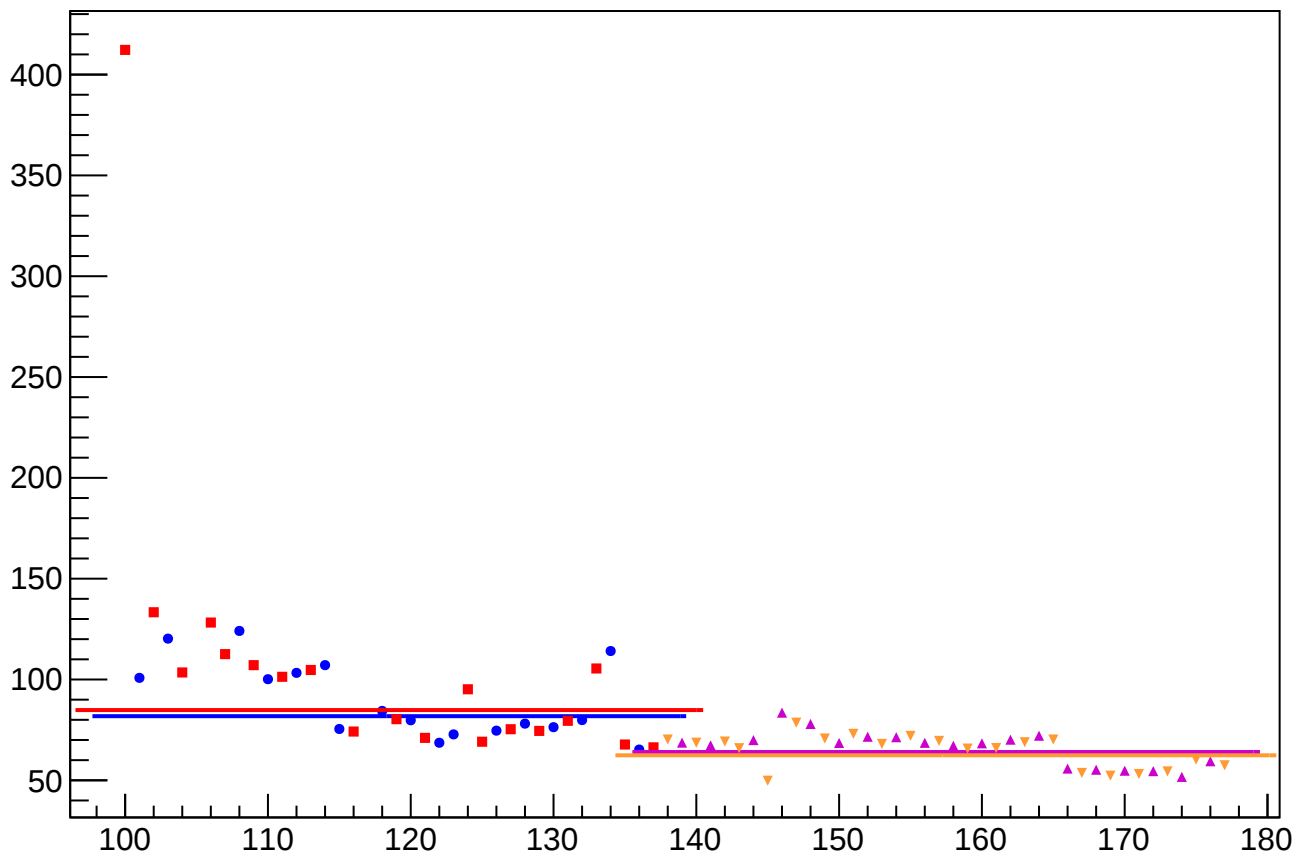
Right: -22.207 ± 23.004 $\chi^2/\text{NDF}: 29.8/35$

In: -27.707 ± 14.908 $\chi^2/\text{NDF}: 33.3/35$

Out: -0.828 ± 14.222 $\chi^2/\text{NDF}: 48.7/39$

All: -13.636 ± 10.290 $\chi^2/\text{NDF}: 83.7/75$

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: 64.027 $\pm$ 0.012 χ^2 /NDF: 504844.6/18

Left: 63.165 $\pm$ 0.008 χ^2 /NDF: 1064130.9/39

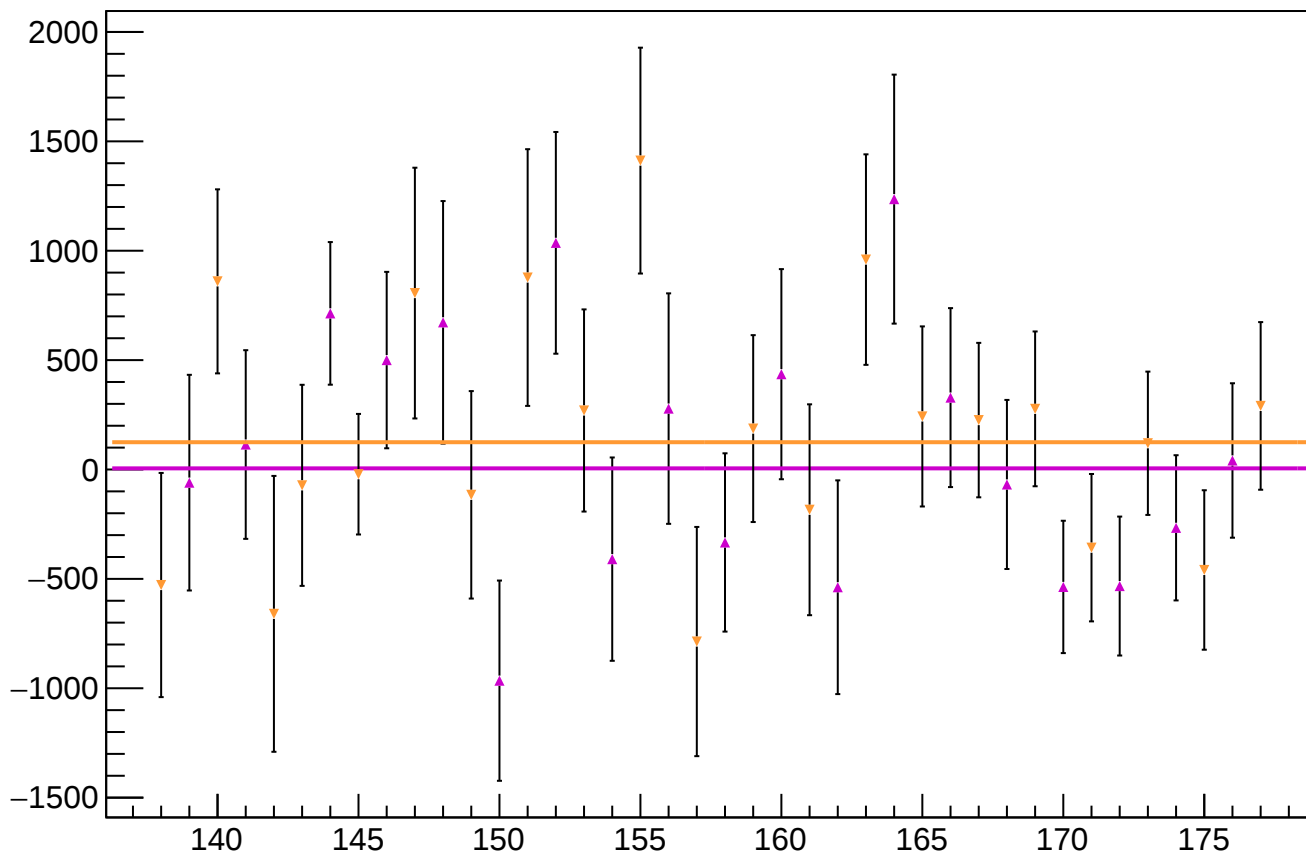
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 67.817 $\pm$ 0.011 χ^2 /NDF: 1489309.0/35

Out: 66.628 $\pm$ 0.010 χ^2 /NDF: 2014152.0/39

All: 67.194 $\pm$ 0.007 χ^2 /NDF: 3510127.3/75

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 124.727+/-90.966 χ^2/NDF :27.9/20

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

Left In: 5.148+/-93.876 χ^2/NDF :32.3/18

Left: 66.820+/-65.327 χ^2/NDF : 61.1/39

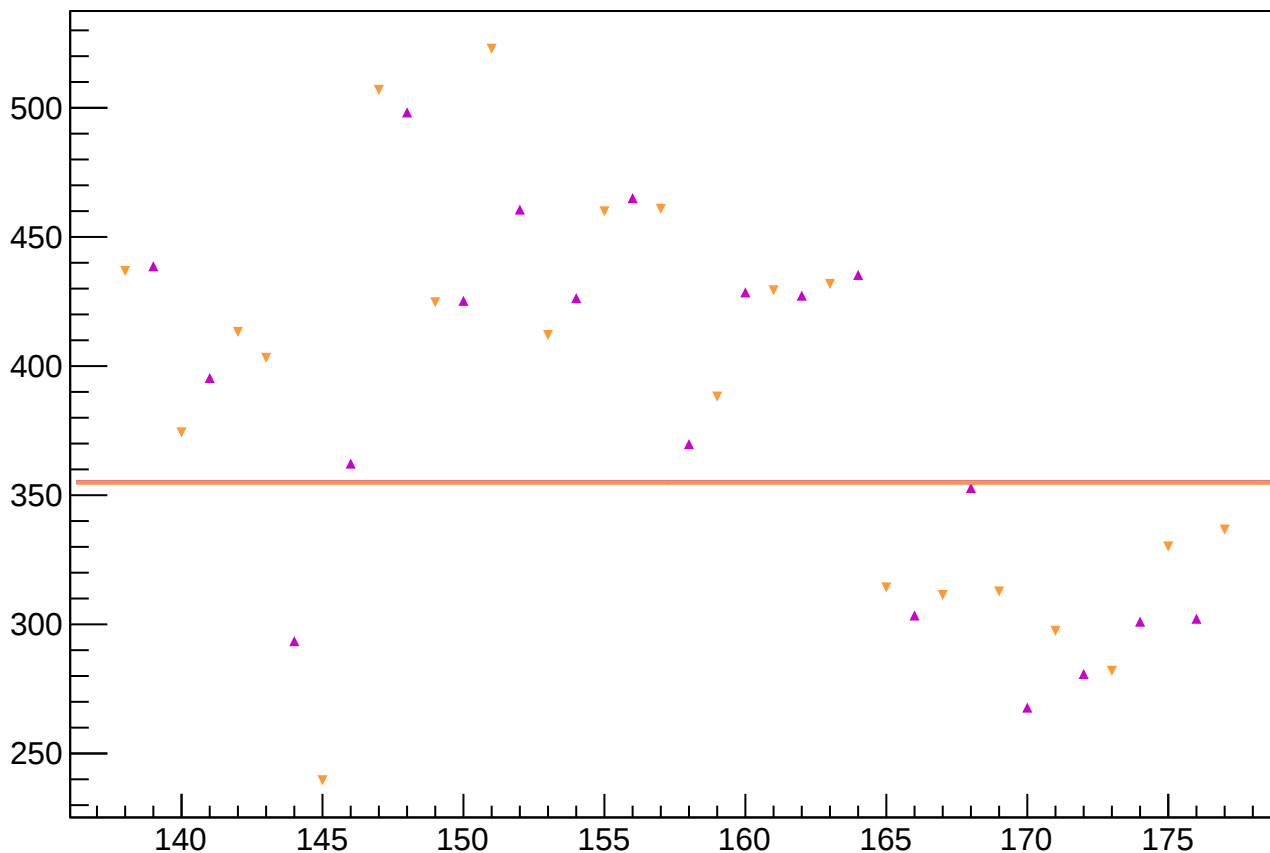
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.148+/-93.876 χ^2/NDF :32.3/18

Out: 124.727+/-90.966 χ^2/NDF :27.9/20

All: 66.820+/-65.327 χ^2/NDF : 61.1/39

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: 354.998+/-0.066 χ^2/NDF :1087131.5/18

Left: 354.953+/-0.046 χ^2/NDF : 2434959.9/39

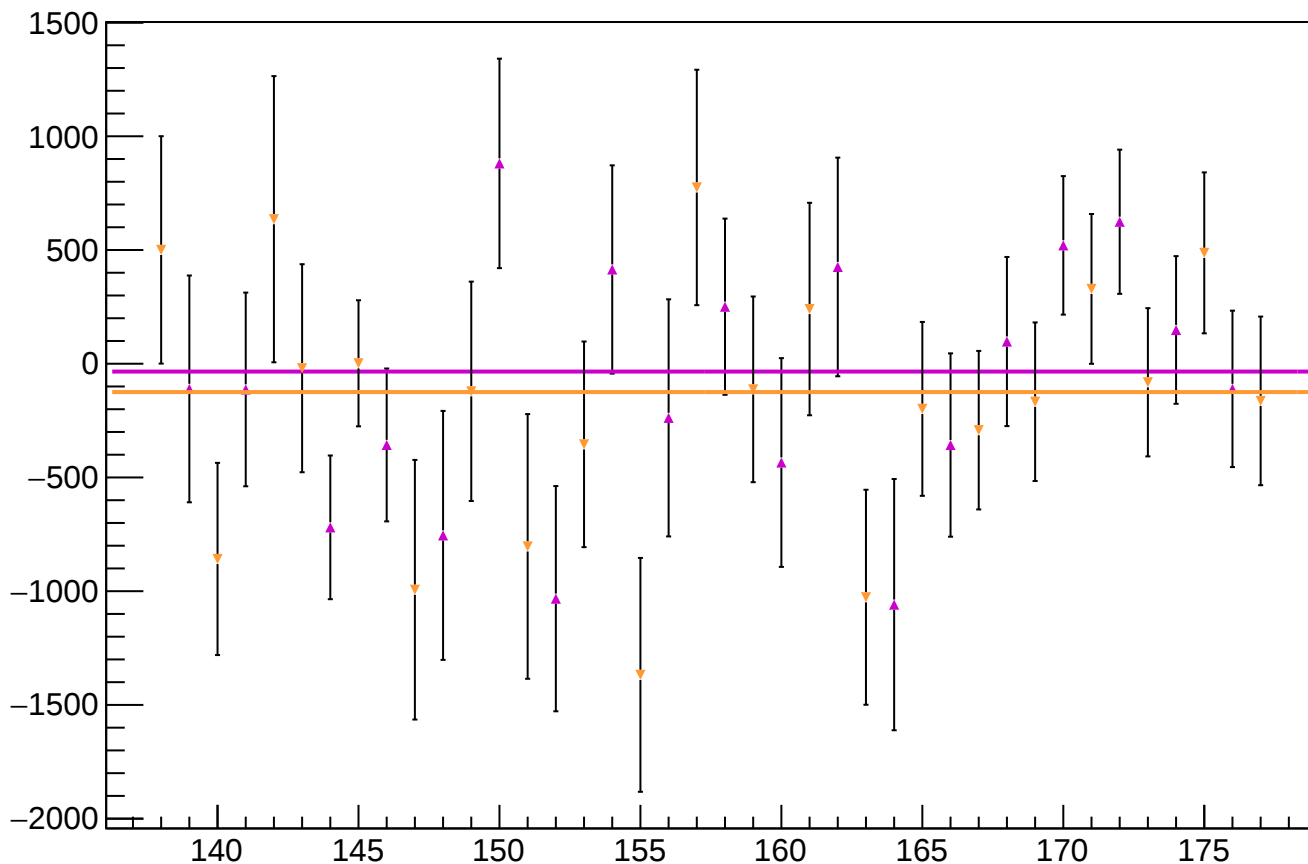
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 354.998+/-0.066 χ^2/NDF :1087131.5/18

Out: 354.911+/-0.064 χ^2/NDF :1347827.5/20

All: 354.953+/-0.046 χ^2/NDF : 2434959.9/39

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: -34.442+/-91.247 χ^2/NDF :31.0/18

Left: -80.411+/-63.881 χ^2/NDF : 60.0/39

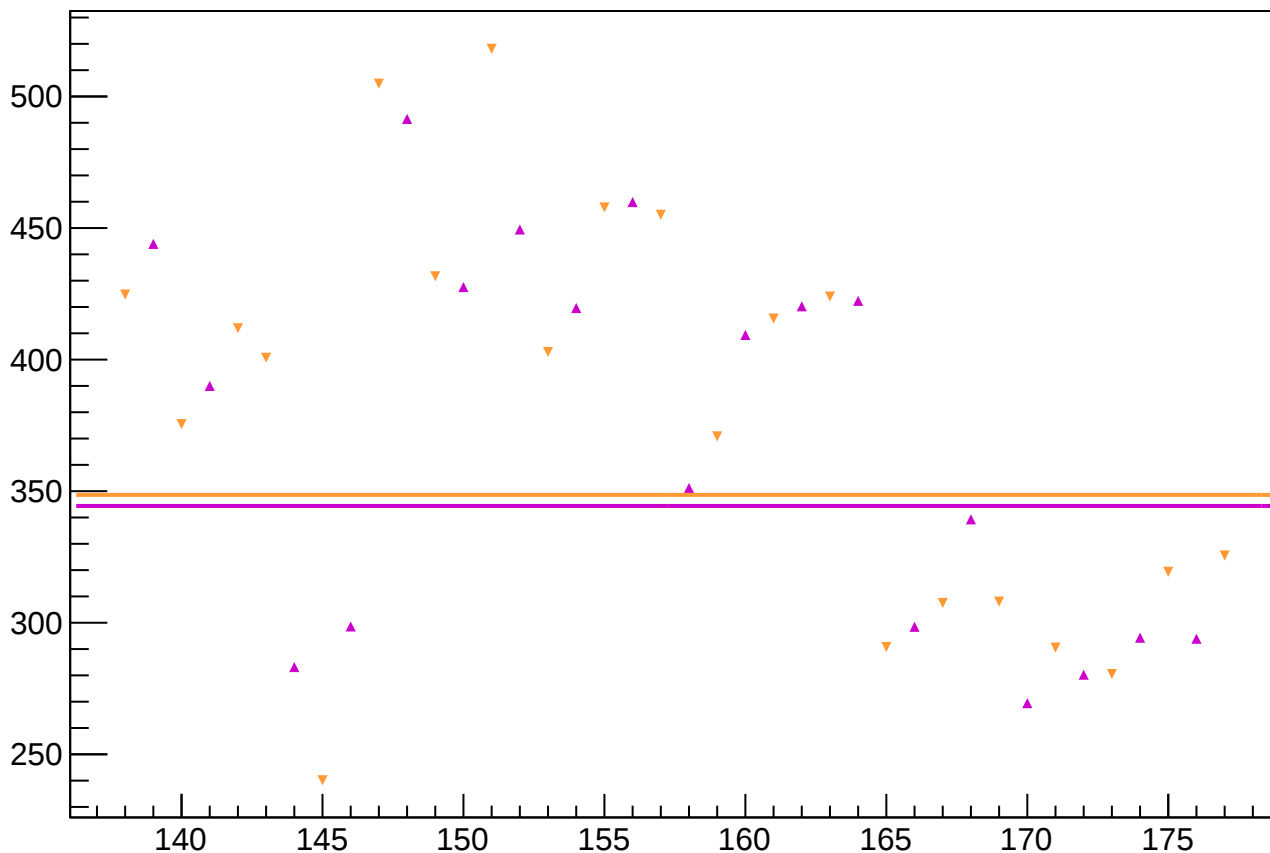
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.442+/-91.247 χ^2/NDF :31.0/18

Out: -124.597+/-89.461 χ^2/NDF :28.6/20

All: -80.411+/-63.881 χ^2/NDF : 60.0/39

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: 344.386+/-0.065 χ^2/NDF :1117499.3/18

Left: 346.530+/-0.045 χ^2/NDF : 2479126.3/39

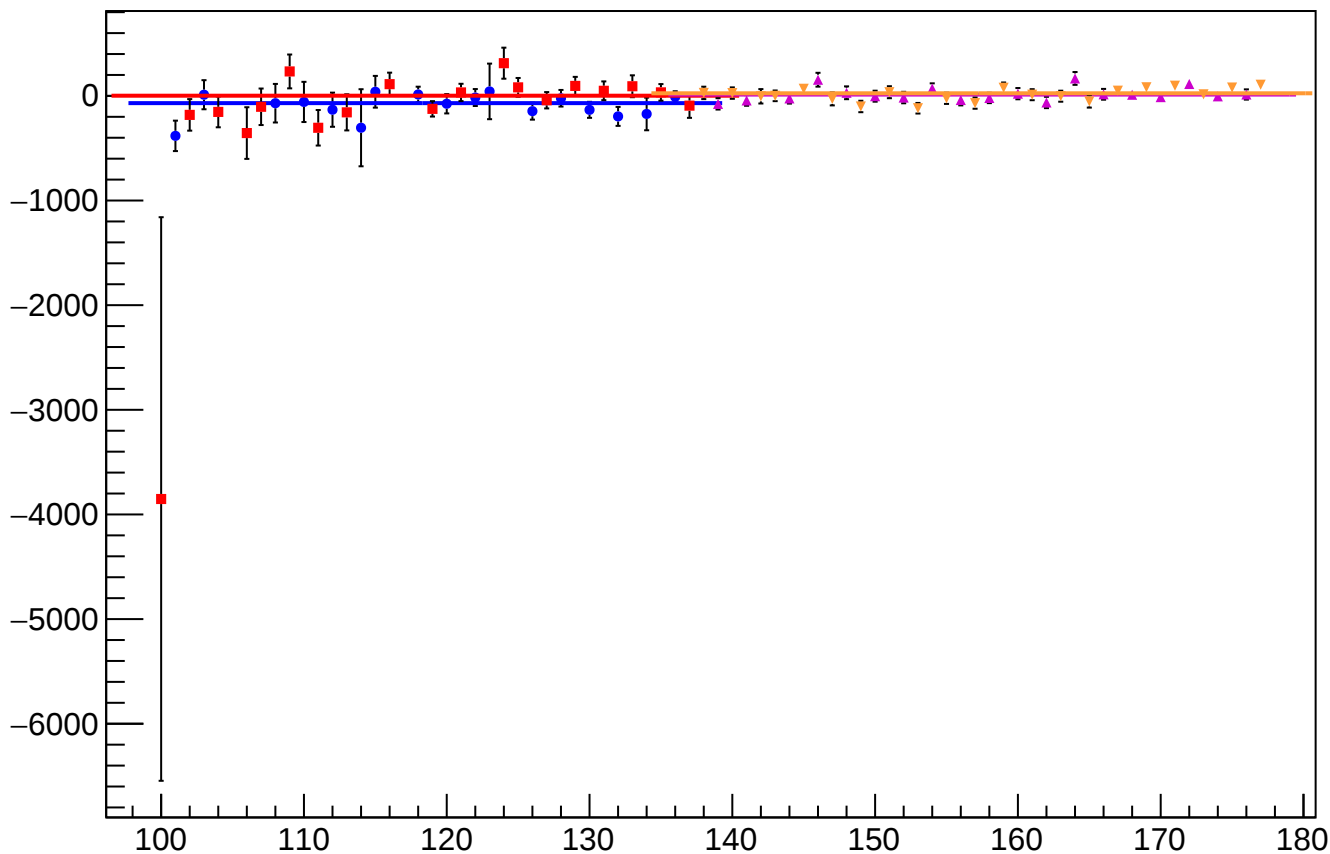
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.386+/-0.065 χ^2/NDF :1117499.3/18

Out: 348.592+/-0.063 χ^2/NDF :1359460.1/20

All: 346.530+/-0.045 χ^2/NDF : 2479126.3/39

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: 12.545 ± 11.357 χ^2/NDF : 27.4/18

Left: 19.022 ± 7.803 χ^2/NDF : 61.7/39

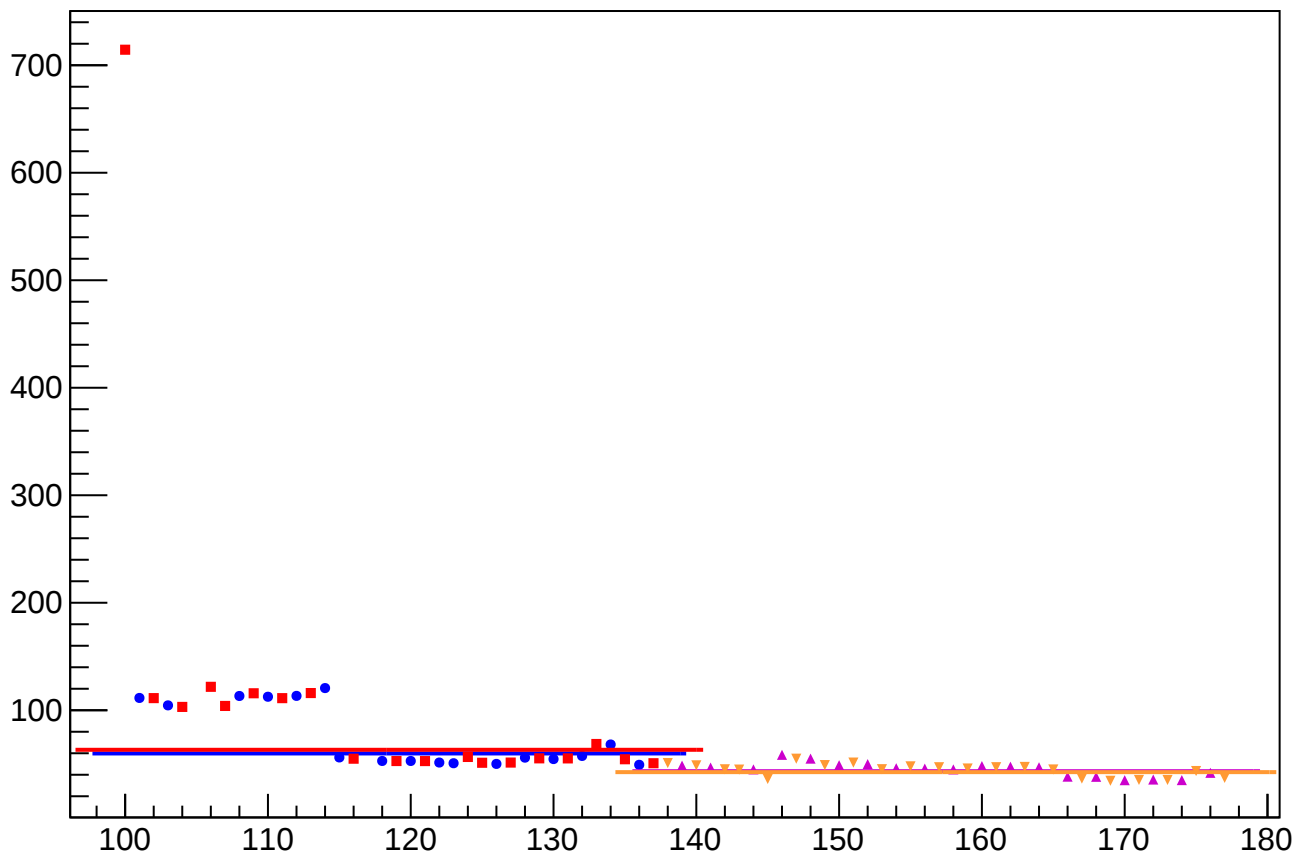
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -2.147 ± 10.286 χ^2/NDF : 50.2/35

Out: 21.265 ± 9.879 χ^2/NDF : 60.2/39

All: 10.031 ± 7.125 χ^2/NDF : 113.1/75

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: 43.316 $\pm$ 0.008 χ^2 /NDF: 615565.4/18

Left: 42.854 $\pm$ 0.006 χ^2 /NDF: 1278339.8/39

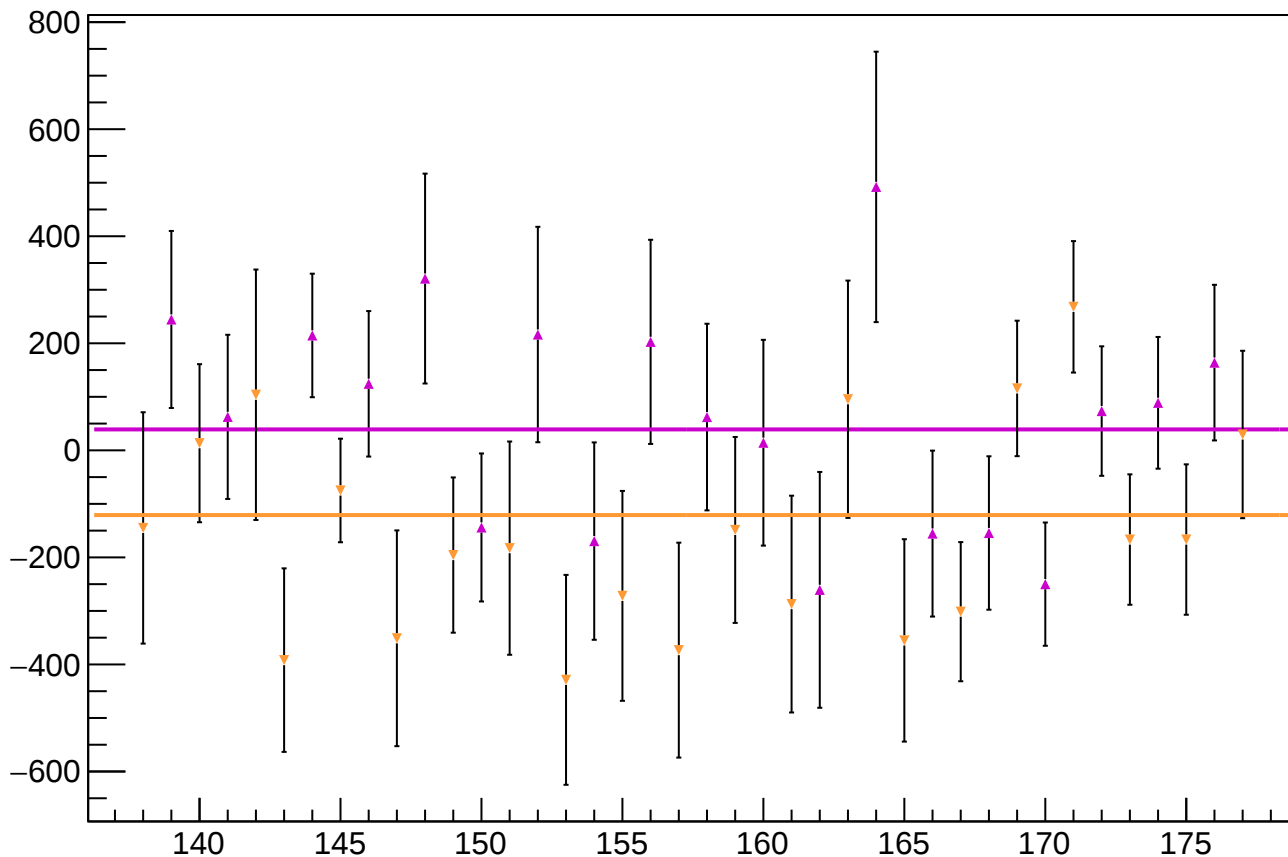
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 46.281 $\pm$ 0.007 χ^2 /NDF: 2603680.2/35

Out: 45.638 $\pm$ 0.007 χ^2 /NDF: 3313044.9/39

All: 45.946 $\pm$ 0.005 χ^2 /NDF: 5920796.9/75

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -120.914 $\pm$ 34.232 χ^2 /NDF:30.6/20

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

Left In: 39.101 $\pm$ 35.095 χ^2 /NDF:26.7/18

Left: -42.897 $\pm$ 24.505 χ^2 /NDF: 67.9/39

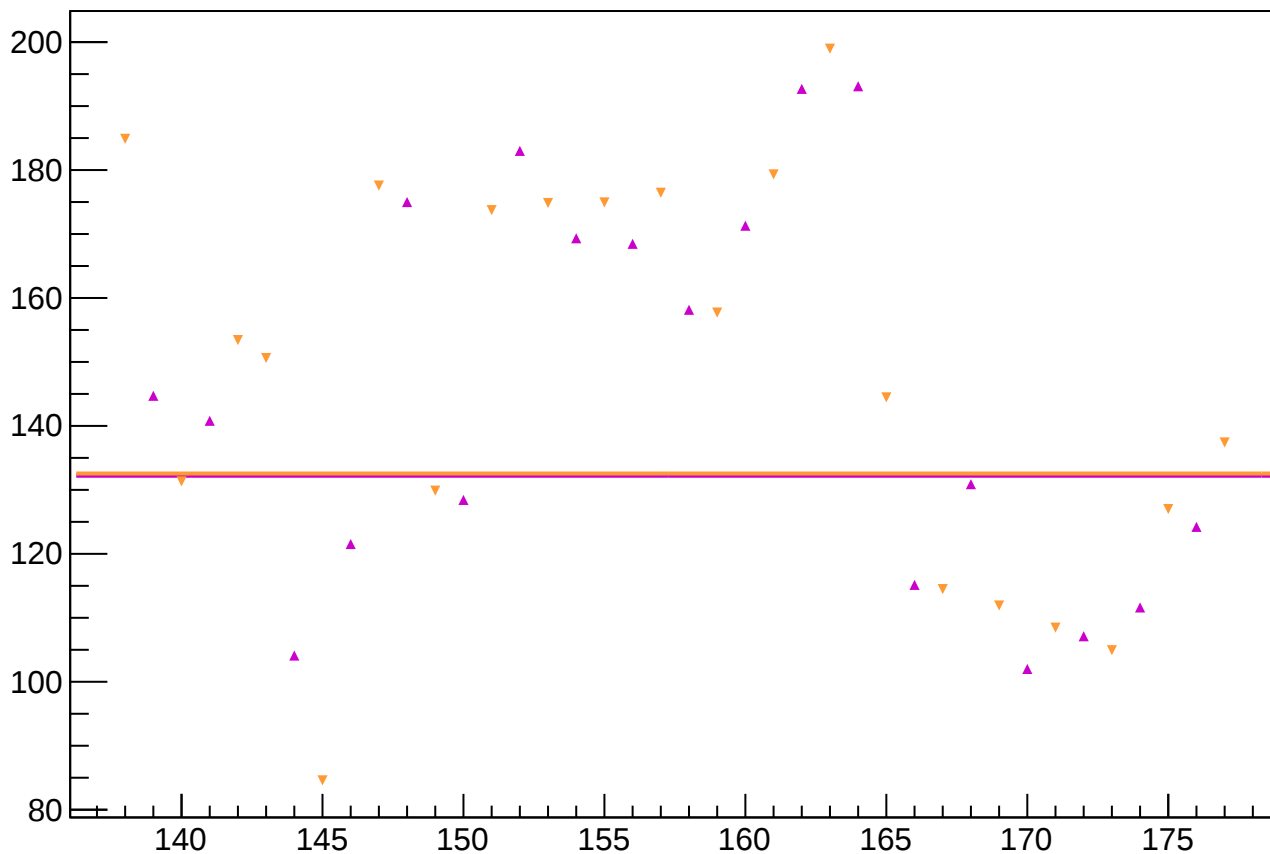
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 39.101 $\pm$ 35.095 χ^2 /NDF:26.7/18

Out: -120.914 $\pm$ 34.232 χ^2 /NDF:30.6/20

All: -42.897 $\pm$ 24.505 χ^2 /NDF: 67.9/39

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: 132.209+/-0.025 χ^2/NDF :1230370.7/18

Left: 132.389+/-0.017 χ^2/NDF : 2958501.3/39

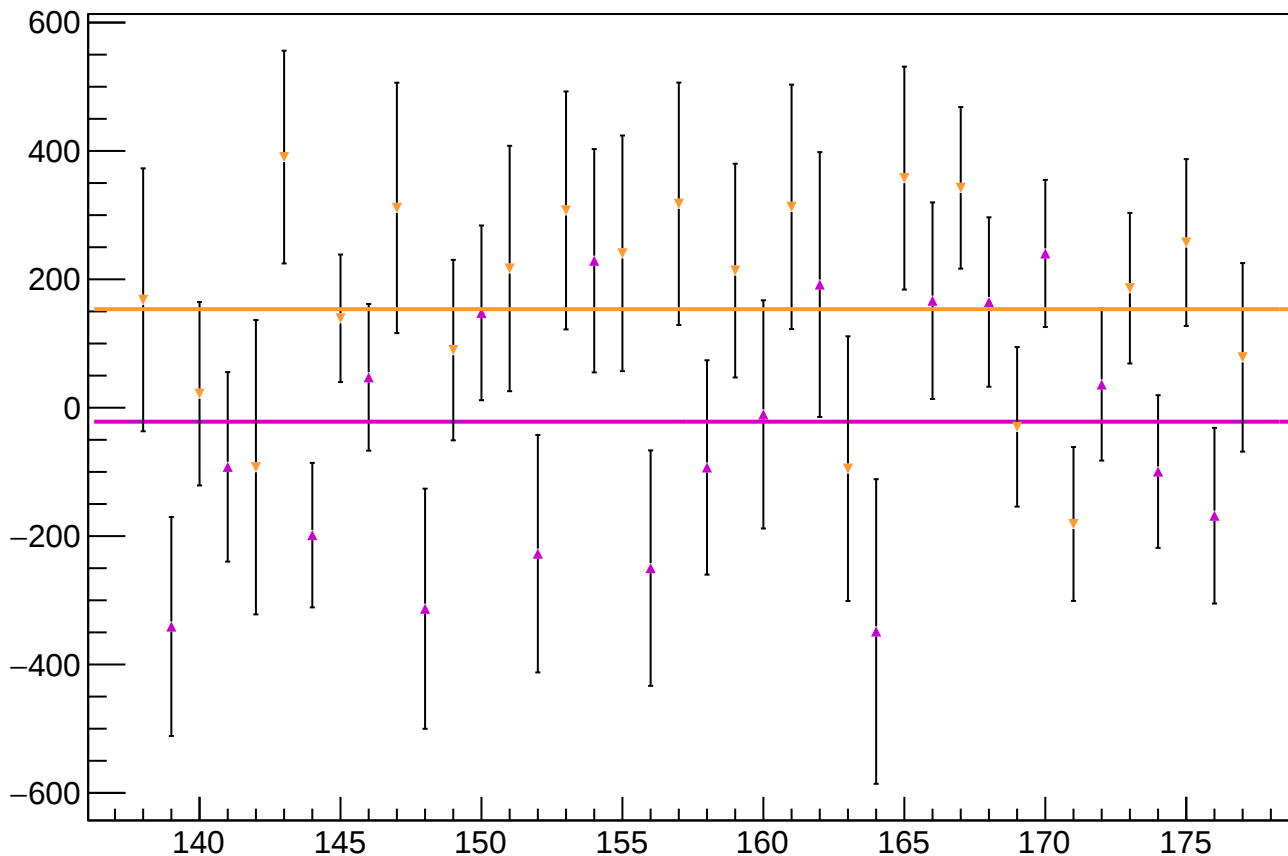
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.209+/-0.025 χ^2/NDF :1230370.7/18

Out: 132.559+/-0.024 χ^2/NDF :1728028.8/20

All: 132.389+/-0.017 χ^2/NDF : 2958501.3/39

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: -21.764 $\pm$ 33.505 χ^2 /NDF:29.1/18

Left: 67.150 $\pm$ 23.520 χ^2 /NDF: 66.6/39

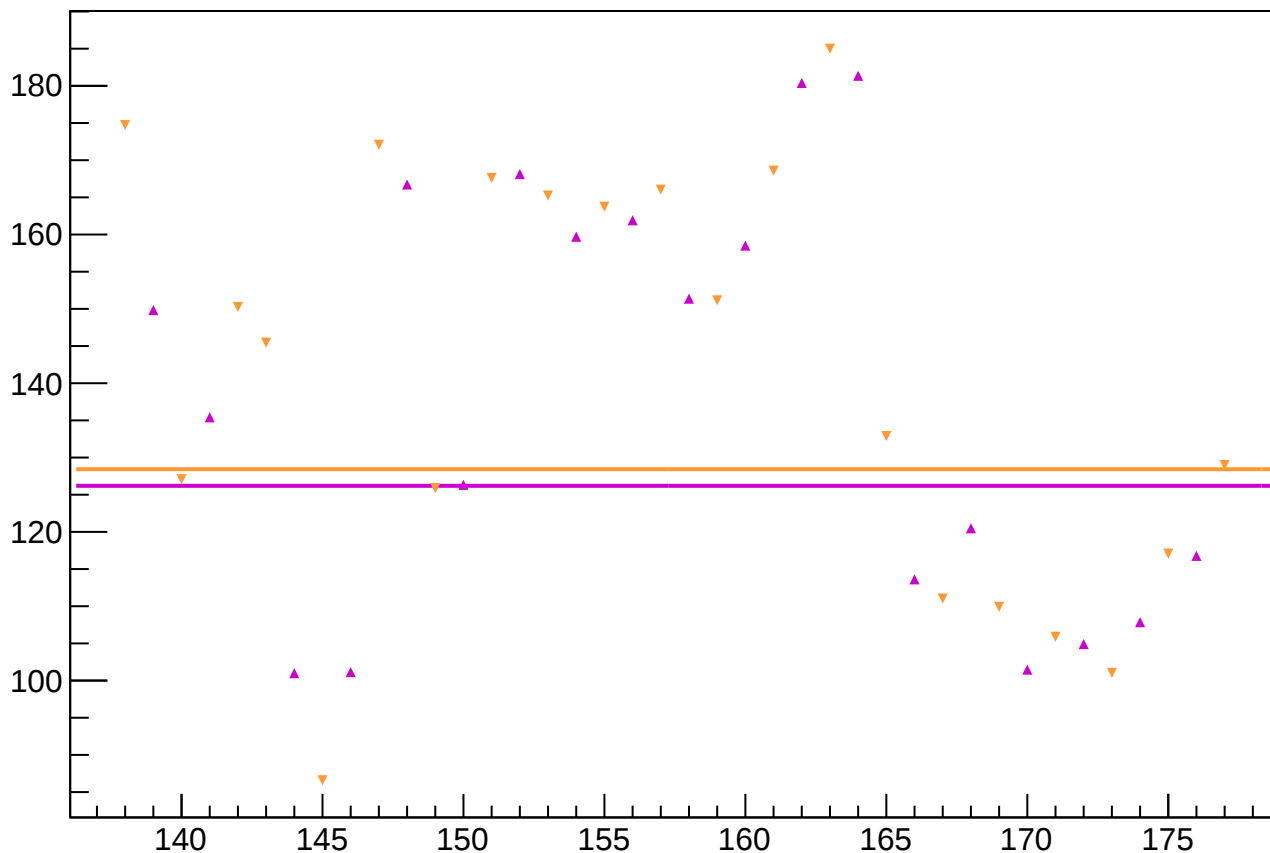
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -21.764 $\pm$ 33.505 χ^2 /NDF:29.1/18

Out: 153.533 $\pm$ 33.024 χ^2 /NDF:23.6/20

All: 67.150 $\pm$ 23.520 χ^2 /NDF: 66.6/39

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: 126.201+/-0.024 χ^2/NDF :1179323.1/18

Left: 127.331+/-0.017 χ^2/NDF : 2653246.1/39

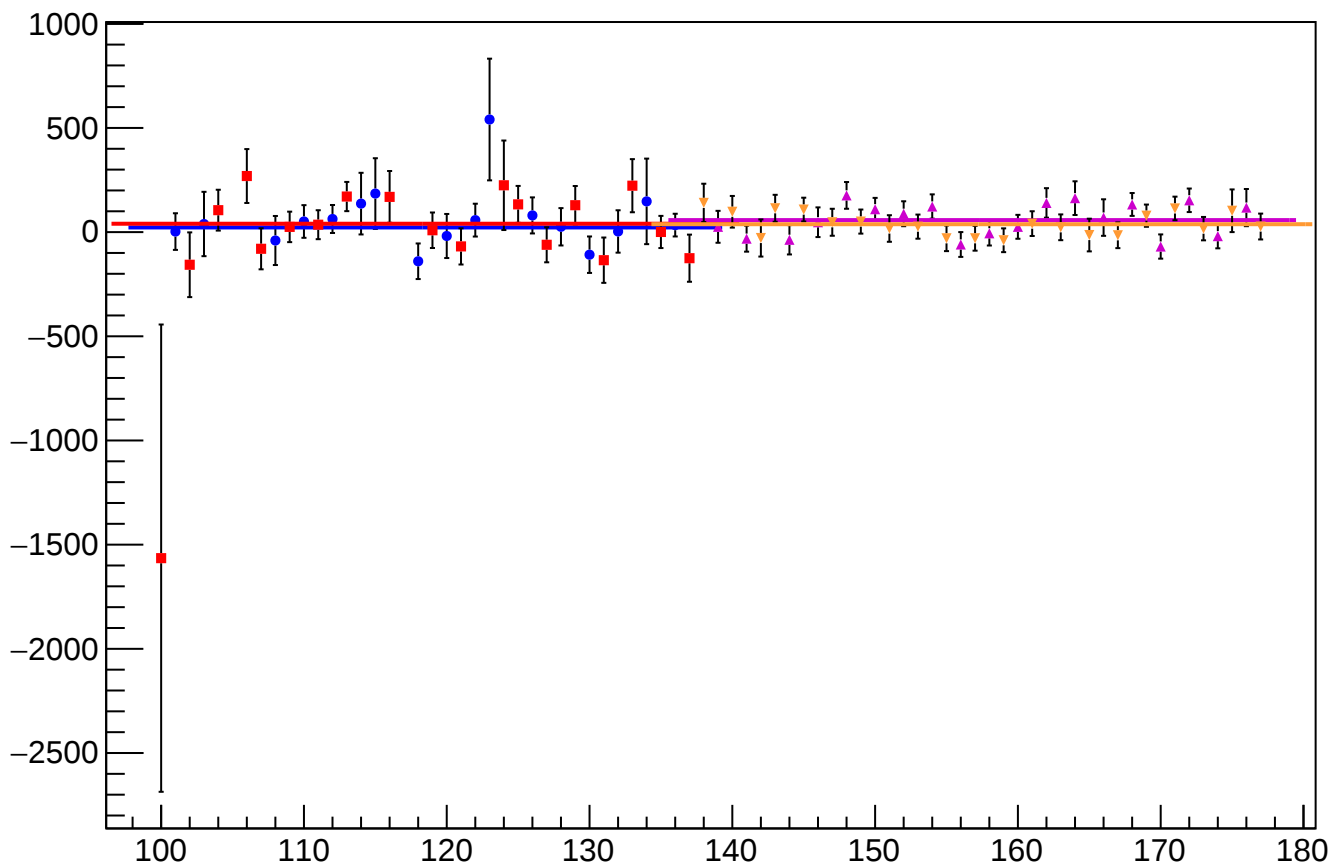
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 126.201+/-0.024 χ^2/NDF :1179323.1/18

Out: 128.429+/-0.023 χ^2/NDF :1469436.4/20

All: 127.331+/-0.017 χ^2/NDF : 2653246.1/39

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: 57.690 $\pm$ 14.585 χ^2 /NDF:30.0/18

Left: 47.322 $\pm$ 10.046 χ^2 /NDF: 45.0/39

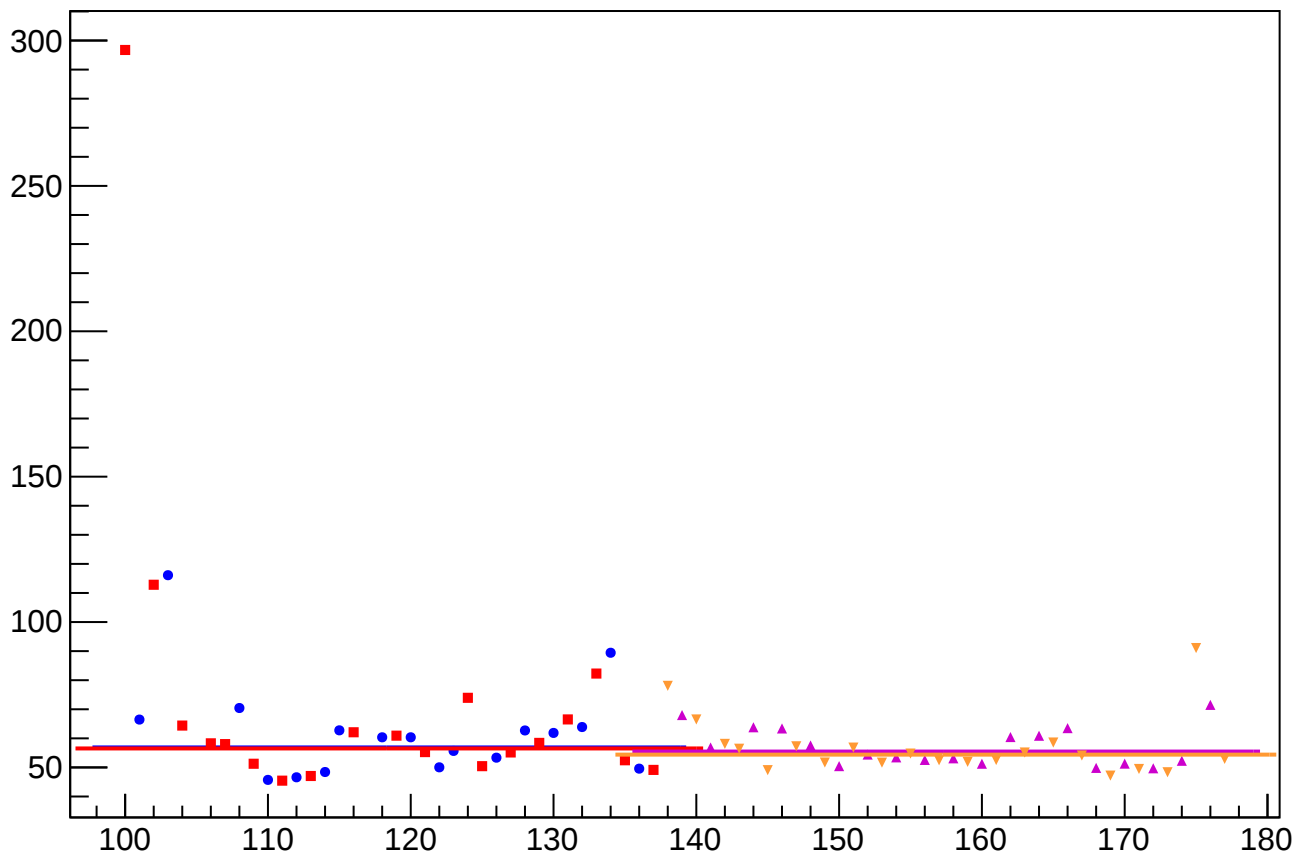
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 47.318 $\pm$ 12.259 χ^2 /NDF:44.3/35

Out: 38.605 $\pm$ 11.745 χ^2 /NDF:40.3/39

All: 42.775 $\pm$ 8.481 χ^2 /NDF: 84.9/75

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: 55.459+/-0.010 χ^2/NDF : 306662.0/18

Left: 54.904+/-0.007 χ^2/NDF : 880309.9/39

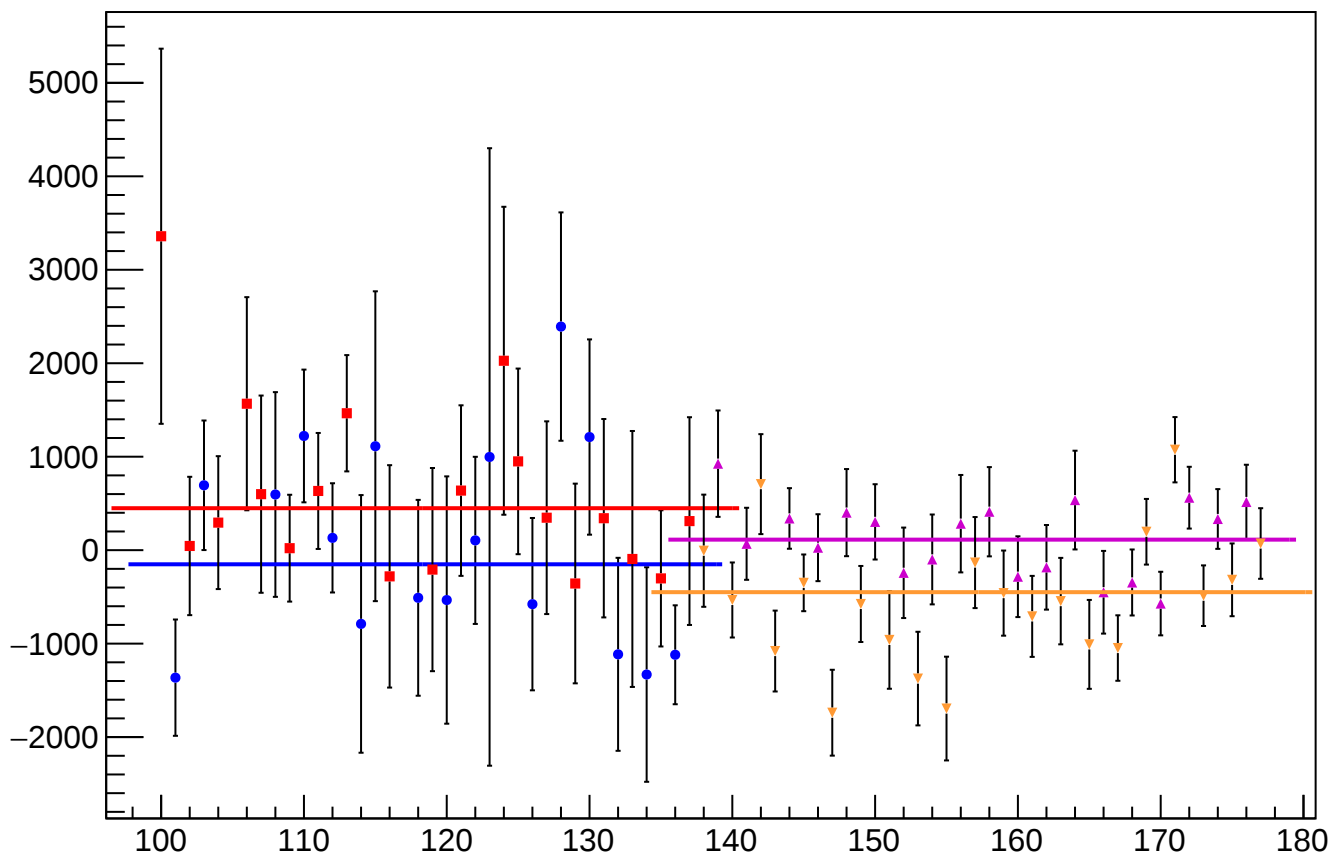
Right: 56.699+/-0.011 χ^2/NDF : 1188006.9/35

In: 55.876+/-0.009 χ^2/NDF : 887714.2/35

Out: 55.002+/-0.008 χ^2/NDF : 1193651.8/39

All: 55.420+/-0.006 χ^2/NDF : 2086661.6/75

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: 112.553 $\pm$ 93.089 χ^2 /NDF:17.0/18

Left: -175.550 $\pm$ 64.987 χ^2 /NDF: 90.2/39

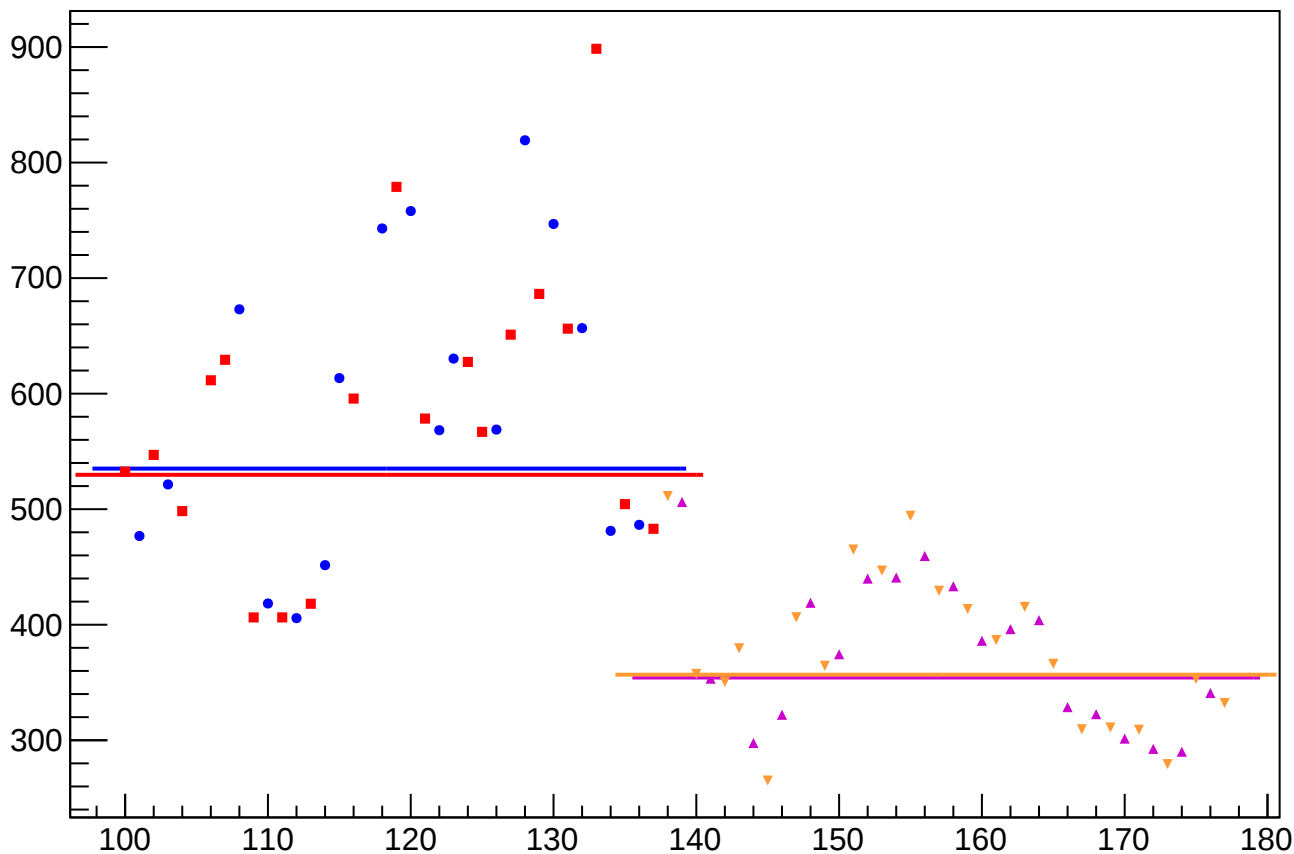
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 70.071 $\pm$ 85.263 χ^2 /NDF:40.8/35

Out: -300.989 $\pm$ 82.927 χ^2 /NDF:81.1/39

All: -120.613 $\pm$ 59.447 χ^2 /NDF: 131.7/75

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: 354.306+/-0.066 χ^2/NDF : 796433.0/18

Left: 355.560+/-0.046 χ^2/NDF : 1763747.4/39

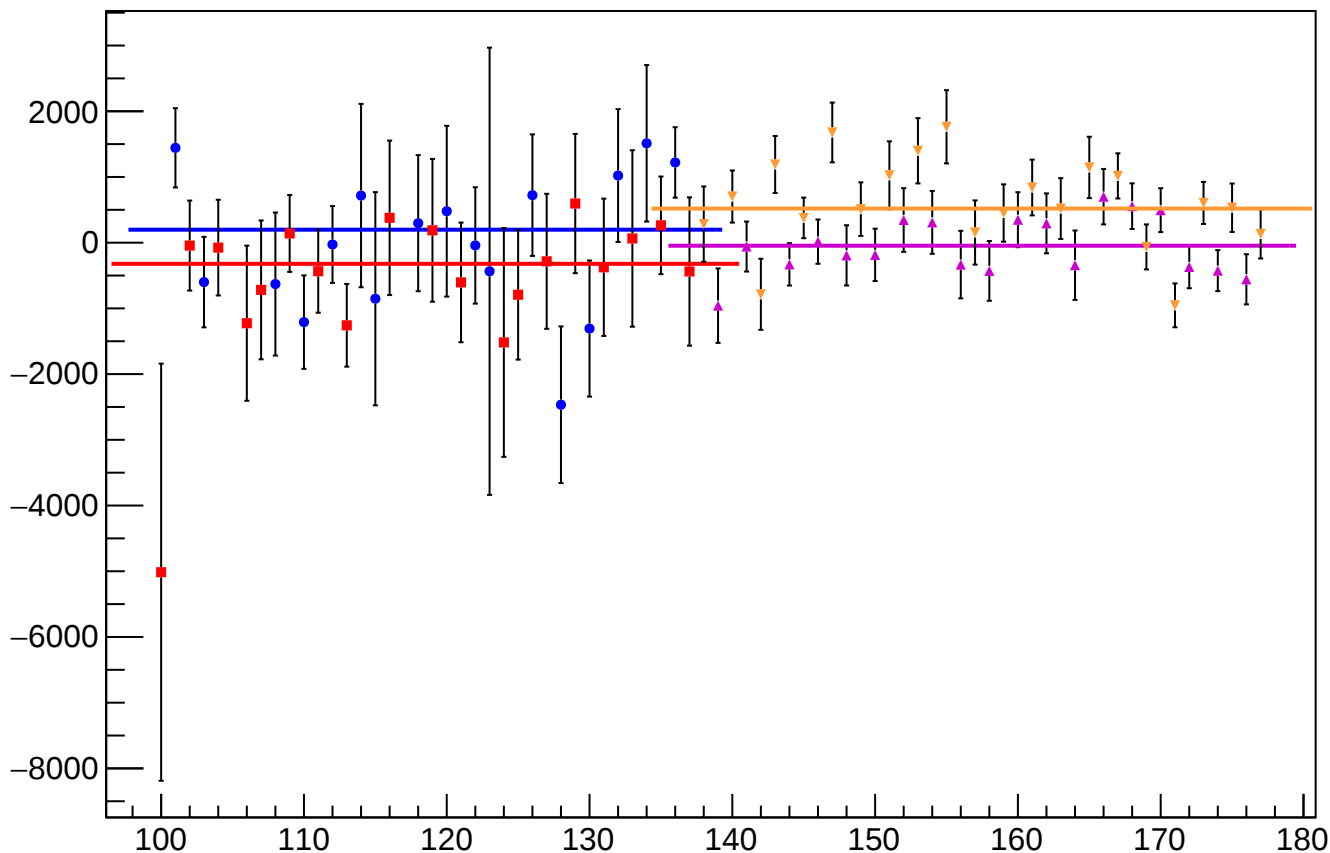
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 383.433+/-0.060 χ^2/NDF : 2608141.1/35

Out: 385.340+/-0.059 χ^2/NDF : 2813936.8/39

All: 384.413+/-0.042 χ^2/NDF : 5422592.3/75

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 ± 211.480 $\chi^2/\text{NDF}: 23.9/16$

Left Out: 519.308 ± 89.435 $\chi^2/\text{NDF}: 52.9/20$

Right Out: -321.565 ± 205.269 $\chi^2/\text{NDF}: 8.9/18$

Left In: -46.185 ± 91.115 $\chi^2/\text{NDF}: 20.6/18$

Left: 241.823 ± 63.826 $\chi^2/\text{NDF}: 93.2/39$

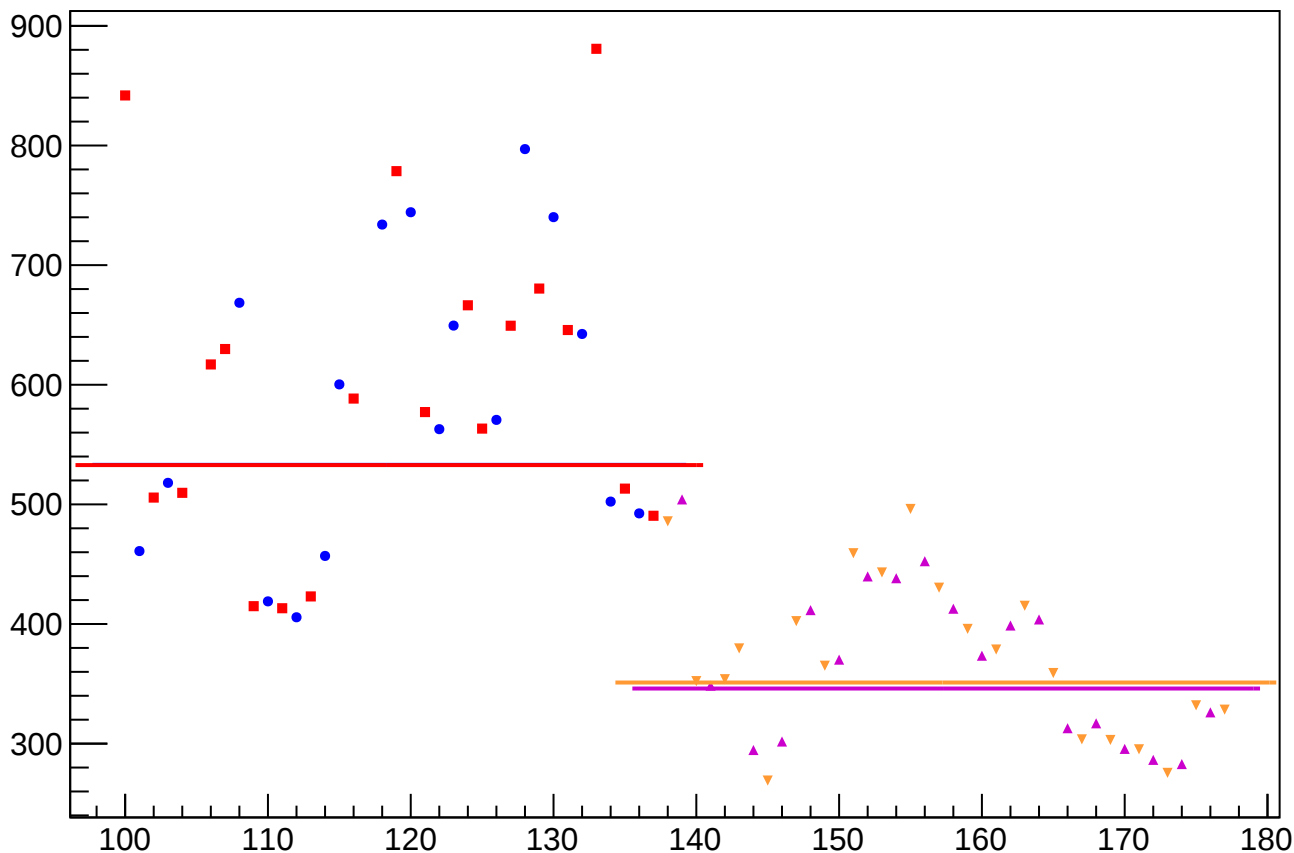
Right: -69.737 ± 147.294 $\chi^2/\text{NDF}: 35.9/35$

In: -8.023 ± 83.679 $\chi^2/\text{NDF}: 45.7/35$

Out: 385.150 ± 81.991 $\chi^2/\text{NDF}: 75.9/39$

All: 192.570 ± 58.564 $\chi^2/\text{NDF}: 132.9/75$

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: 346.061+/-0.064 χ^2/NDF : 854103.4/18

Left: 348.618+/-0.045 χ^2/NDF : 1815814.9/39

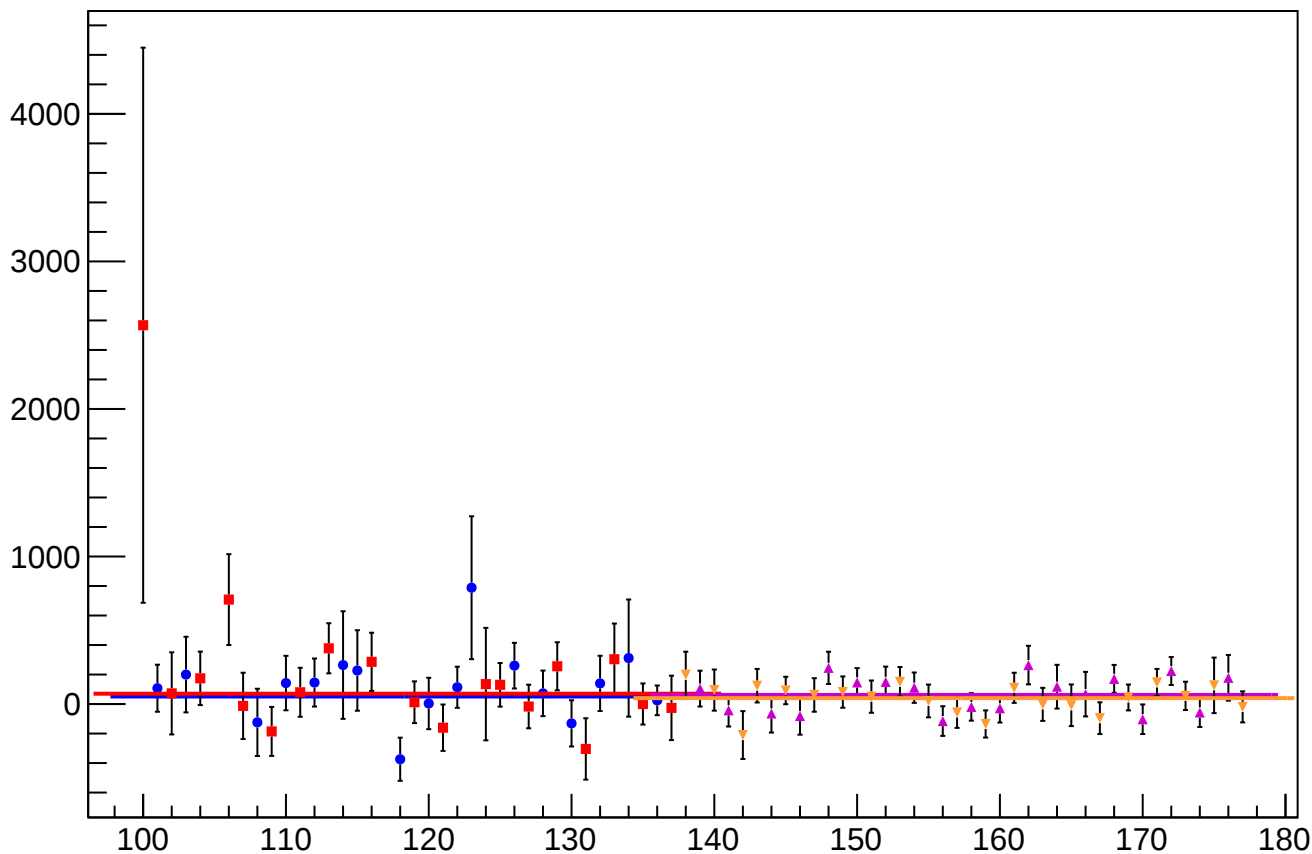
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 375.335+/-0.059 χ^2/NDF : 2739473.8/35

Out: 380.083+/-0.058 χ^2/NDF : 2893718.8/39

All: 377.757+/-0.041 χ^2/NDF : 5636478.8/75

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: 61.540 $\pm$ 25.094 χ^2 /NDF:24.0/18

Left: 50.197 $\pm$ 17.303 χ^2 /NDF: 39.0/39

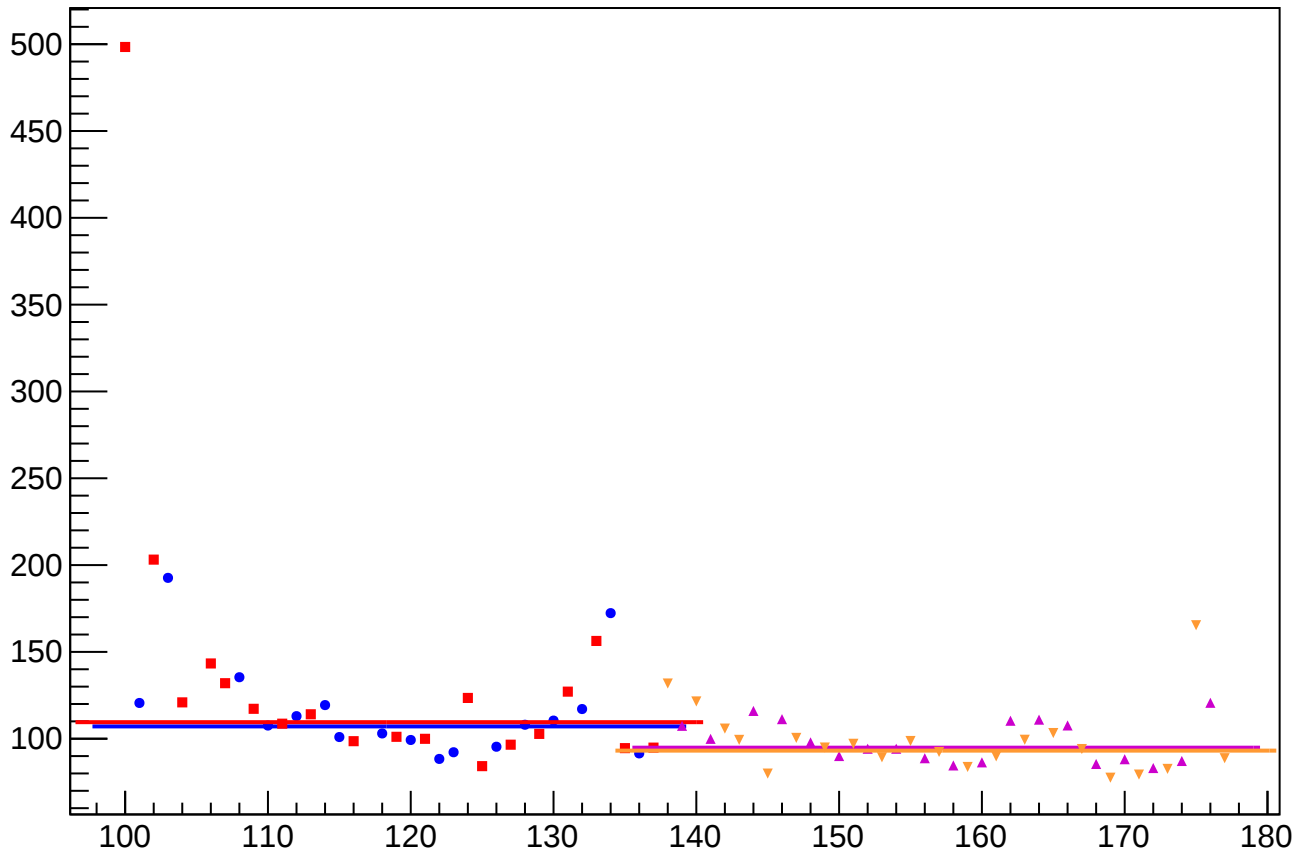
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 58.851 $\pm$ 21.597 χ^2 /NDF:41.5/35

Out: 47.081 $\pm$ 20.860 χ^2 /NDF:37.1/39

All: 52.762 $\pm$ 15.004 χ^2 /NDF: 78.7/75

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: 94.838 $\pm$ 0.018 χ^2 /NDF: 359972.1/18

Left: 93.951 $\pm$ 0.012 χ^2 /NDF: 1118065.7/39

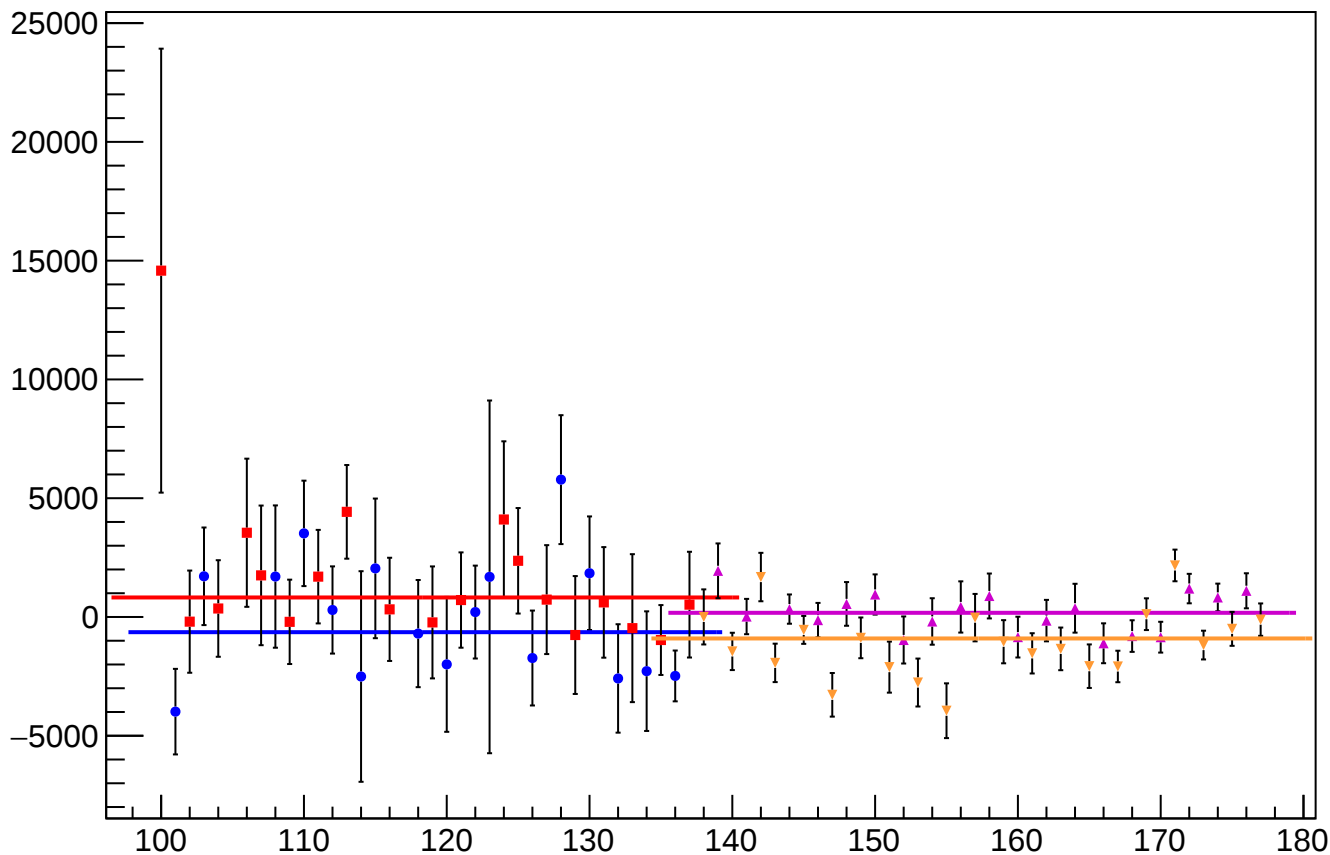
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 98.016 $\pm$ 0.015 χ^2 /NDF: 921407.0/35

Out: 97.040 $\pm$ 0.015 χ^2 /NDF: 1568346.1/39

All: 97.511 $\pm$ 0.011 χ^2 /NDF: 2491862.7/75

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -904.416+/-175.258 χ^2/NDF : 59.7/20

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 175.584+/-180.203 χ^2/NDF : 19.8/18

Left: -379.438+/-125.638 χ^2/NDF : 98.0/39

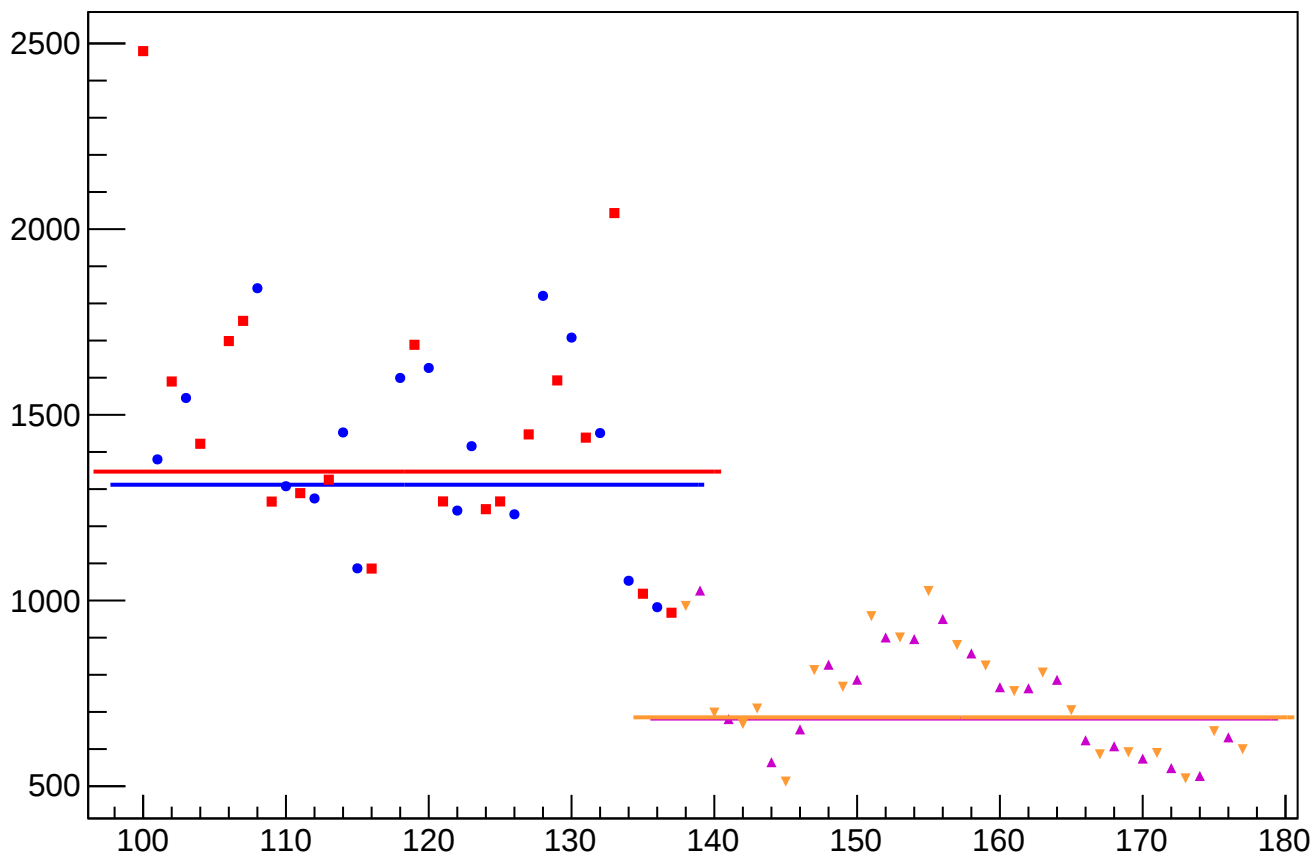
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: 87.929+/-170.243 χ^2/NDF : 43.8/35

Out: -725.700+/-165.936 χ^2/NDF : 80.7/39

All: -329.306+/-118.828 χ^2/NDF : 136.3/75

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: 682.123 $\pm$ 0.127 χ^2 /NDF: 1111314.2/18

Left: 683.827 $\pm$ 0.089 χ^2 /NDF: 2357666.1/39

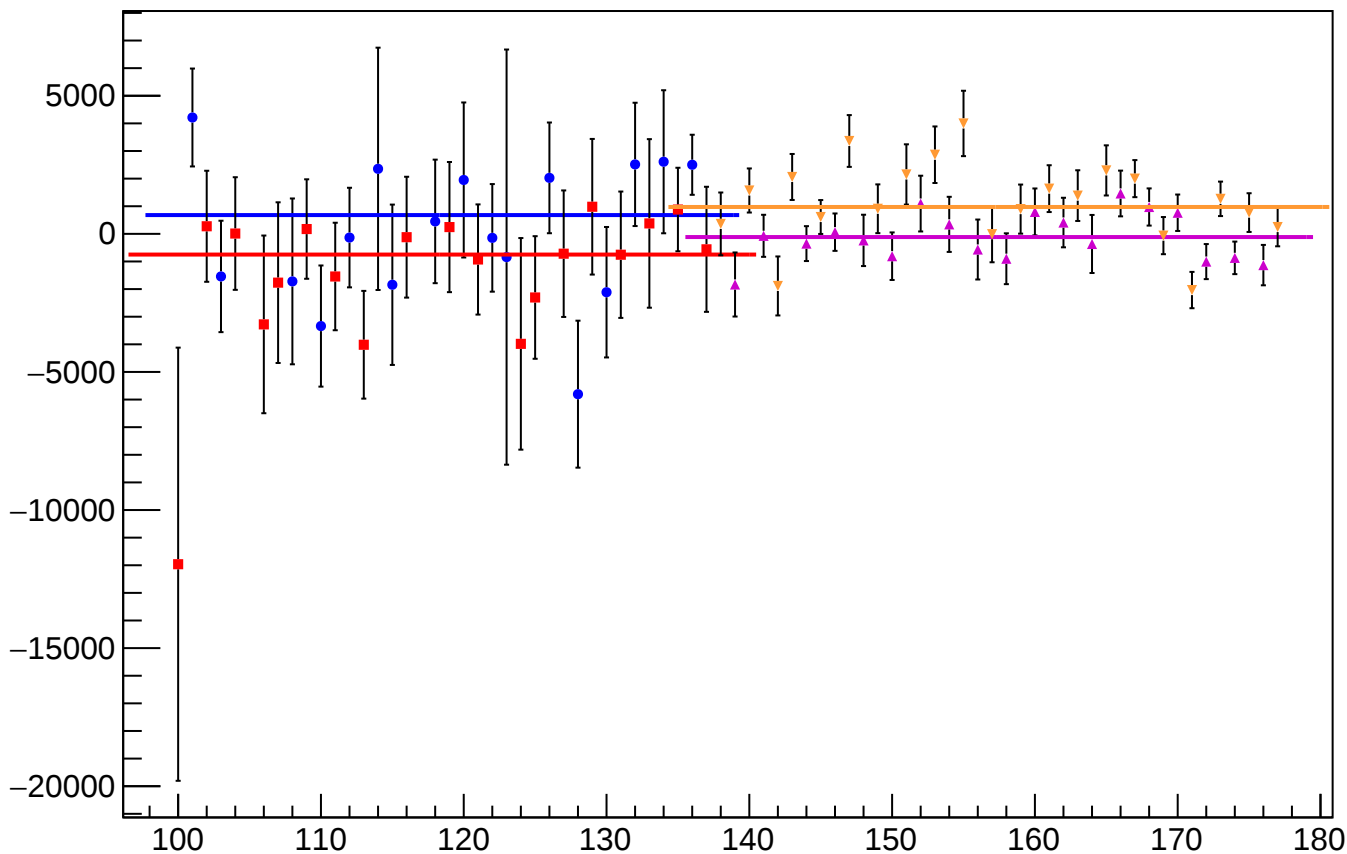
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 749.810 $\pm$ 0.120 χ^2 /NDF: 4248930.7/35

Out: 753.955 $\pm$ 0.117 χ^2 /NDF: 4688476.6/39

All: 751.936 $\pm$ 0.084 χ^2 /NDF: 8938015.5/75

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: -115.754+/-181.342 χ^2/NDF :20.7/18

Left: 439.801+/-126.920 χ^2/NDF : 97.7/39

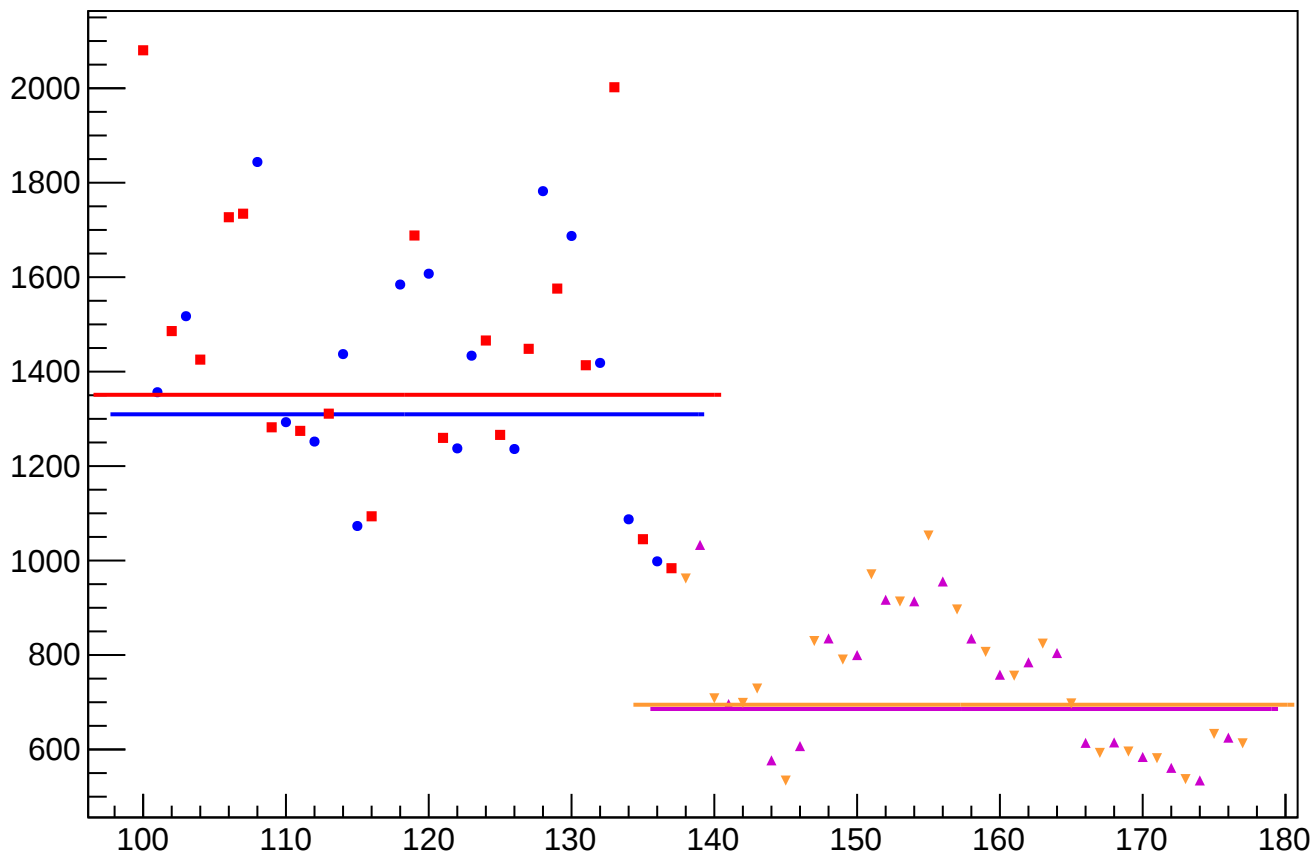
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: -28.737+/-171.139 χ^2/NDF :45.4/35

Out: 790.707+/-168.021 χ^2/NDF :78.3/39

All: 388.517+/-119.896 χ^2/NDF : 135.3/75

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 694.724+/-0.126 χ^2/NDF : 1198713.6/20

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 685.678+/-0.128 χ^2/NDF : 1110242.2/18

Left: 690.293+/-0.090 χ^2/NDF : 2311494.7/39

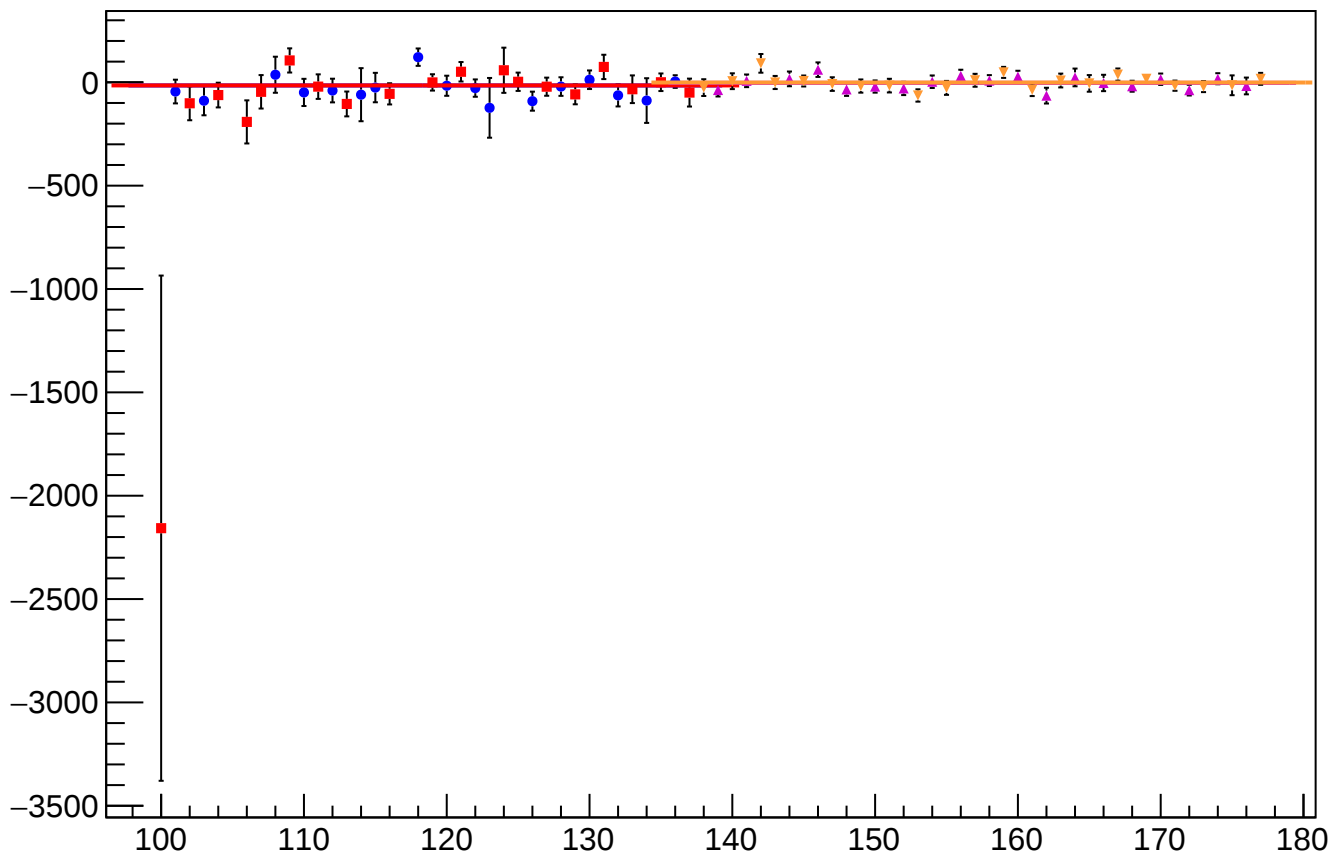
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 753.917+/-0.121 χ^2/NDF : 4159163.0/35

Out: 764.249+/-0.119 χ^2/NDF : 4511162.5/39

All: 759.178+/-0.085 χ^2/NDF : 8674037.8/75

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: -1.075 ± 6.810 $\chi^2/\text{NDF}: 18.8/20$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -2.735 ± 7.105 $\chi^2/\text{NDF}: 16.0/18$

Left: -1.870 ± 4.916 $\chi^2/\text{NDF}: 34.8/39$

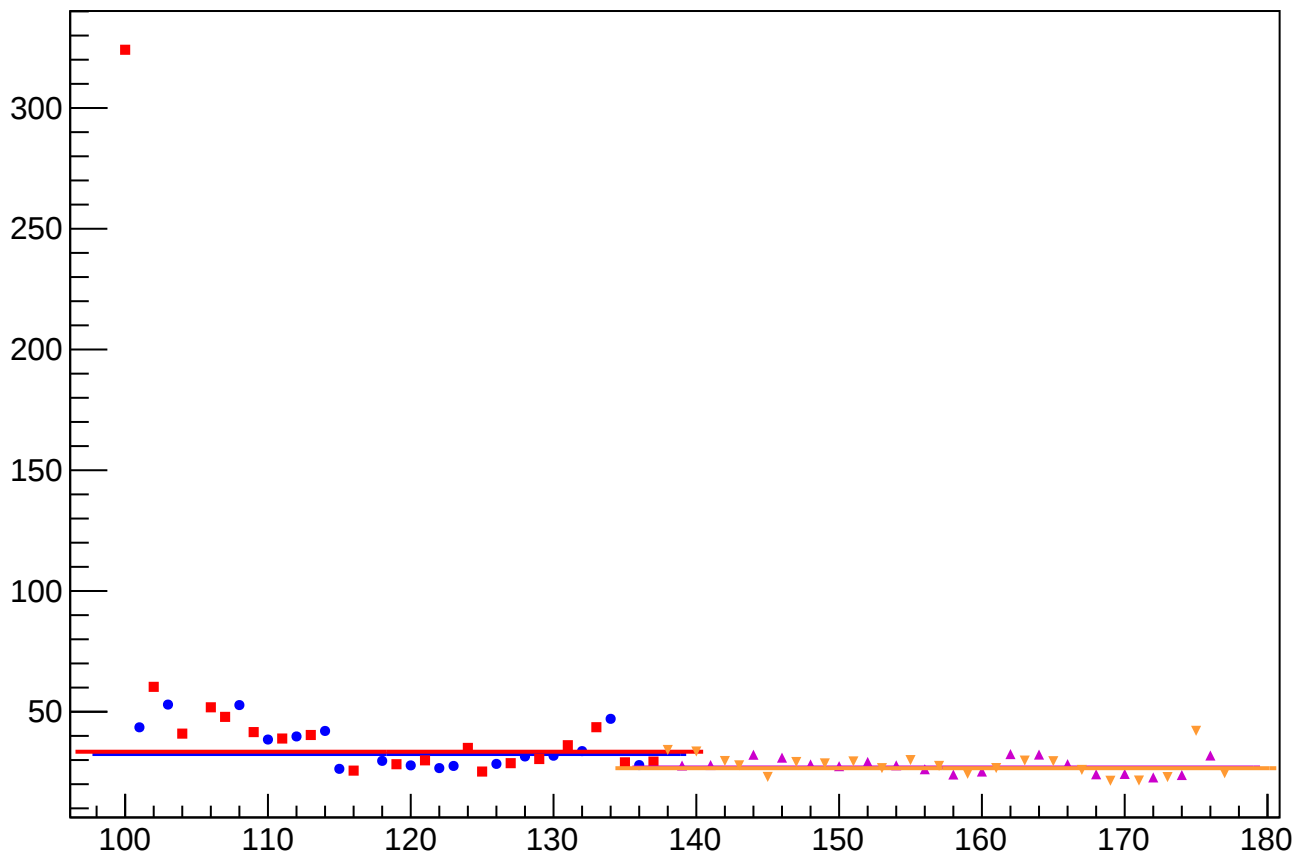
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -5.652 ± 6.224 $\chi^2/\text{NDF}: 35.0/35$

Out: -4.057 ± 6.042 $\chi^2/\text{NDF}: 41.0/39$

All: -4.831 ± 4.335 $\chi^2/\text{NDF}: 76.0/75$

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: 26.923 $\pm$ 0.005 χ^2 /NDF: 347333.7/18

Left: 26.766 $\pm$ 0.003 χ^2 /NDF: 1067432.1/39

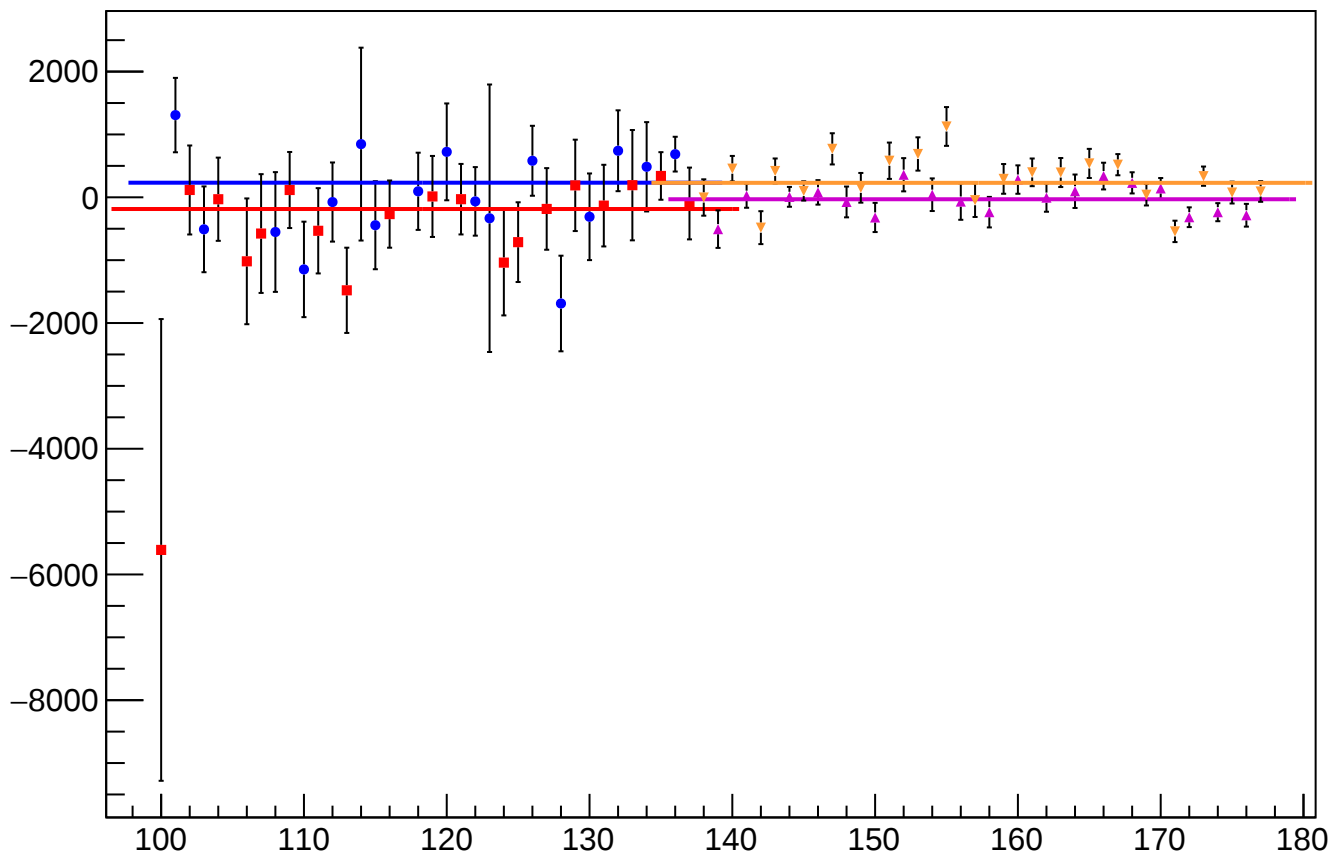
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 28.217 $\pm$ 0.004 χ^2 /NDF: 1227257.9/35

Out: 28.075 $\pm$ 0.004 χ^2 /NDF: 1983734.1/39

All: 28.144 $\pm$ 0.003 χ^2 /NDF: 3211534.4/75

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 230.217 $\pm$ 44.897 χ^2 /NDF:59.4/20

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -30.945 $\pm$ 46.366 χ^2 /NDF:23.6/18

Left: 103.839 $\pm$ 32.254 χ^2 /NDF: 99.3/39

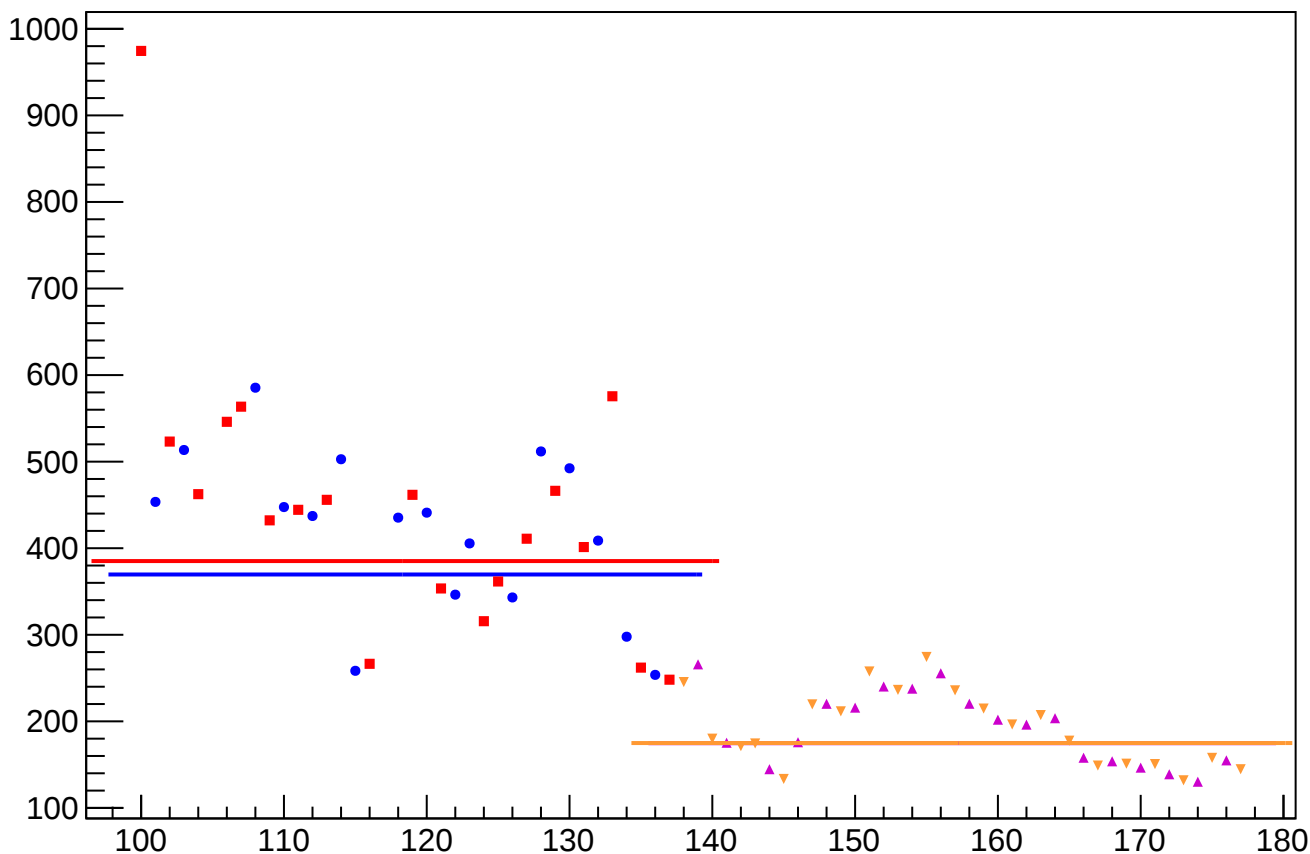
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: -7.589 $\pm$ 44.262 χ^2 /NDF:47.9/35

Out: 195.927 $\pm$ 43.009 χ^2 /NDF:78.2/39

All: 97.090 $\pm$ 30.845 χ^2 /NDF: 137.0/75

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: 174.767 $\pm$ 0.033 χ^2 /NDF: 1349853.8/18

Left: 174.852 $\pm$ 0.023 χ^2 /NDF: 2799792.5/39

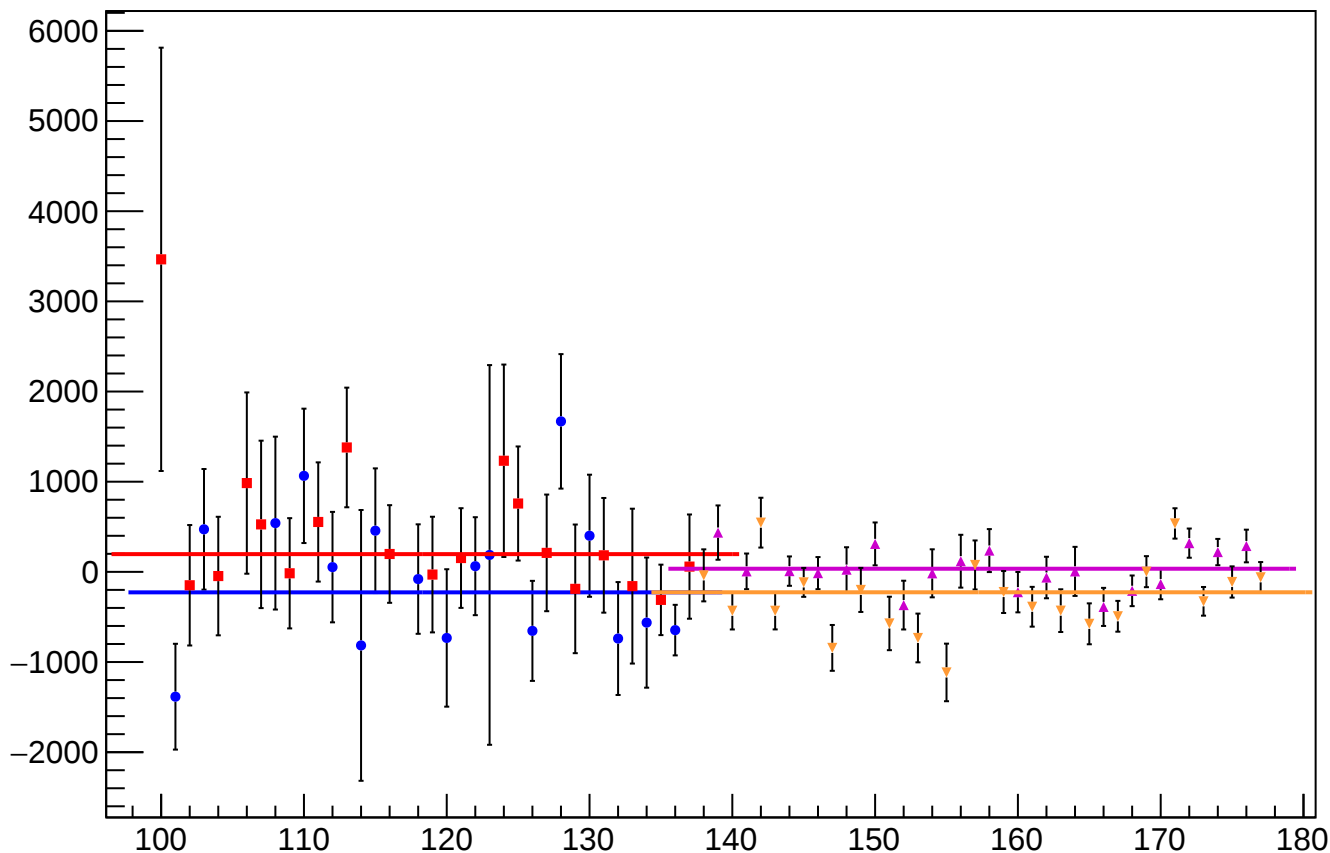
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 192.055 $\pm$ 0.031 χ^2 /NDF: 5387021.2/35

Out: 192.242 $\pm$ 0.030 χ^2 /NDF: 5987207.7/39

All: 192.152 $\pm$ 0.022 χ^2 /NDF: 11374247.3/75

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -226.445 ± 45.704 $\chi^2/\text{NDF}: 60.6/20$

Right Out: 196.753 ± 150.178 $\chi^2/\text{NDF}: 10.7/18$

Left In: 34.703 ± 46.805 $\chi^2/\text{NDF}: 21.5/18$

Left: -98.978 ± 32.700 $\chi^2/\text{NDF}: 98.1/39$

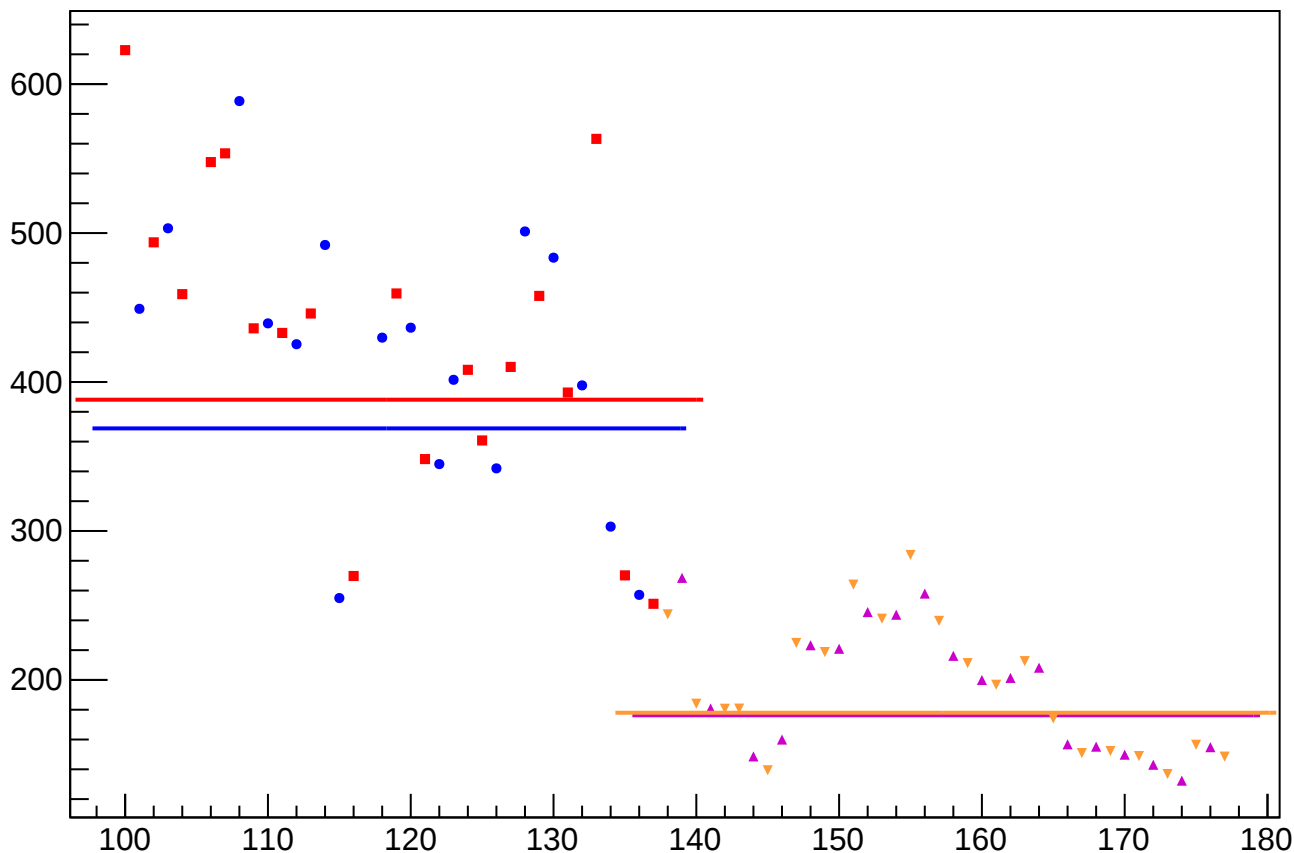
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: 10.861 ± 44.624 $\chi^2/\text{NDF}: 46.2/35$

Out: -190.572 ± 43.724 $\chi^2/\text{NDF}: 78.6/39$

All: -91.908 ± 31.231 $\chi^2/\text{NDF}: 135.3/75$

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: 176.261 $\pm$ 0.033 χ^2/NDF :1339624.2/18

Left: 177.142 $\pm$ 0.023 χ^2/NDF : 2766901.3/39

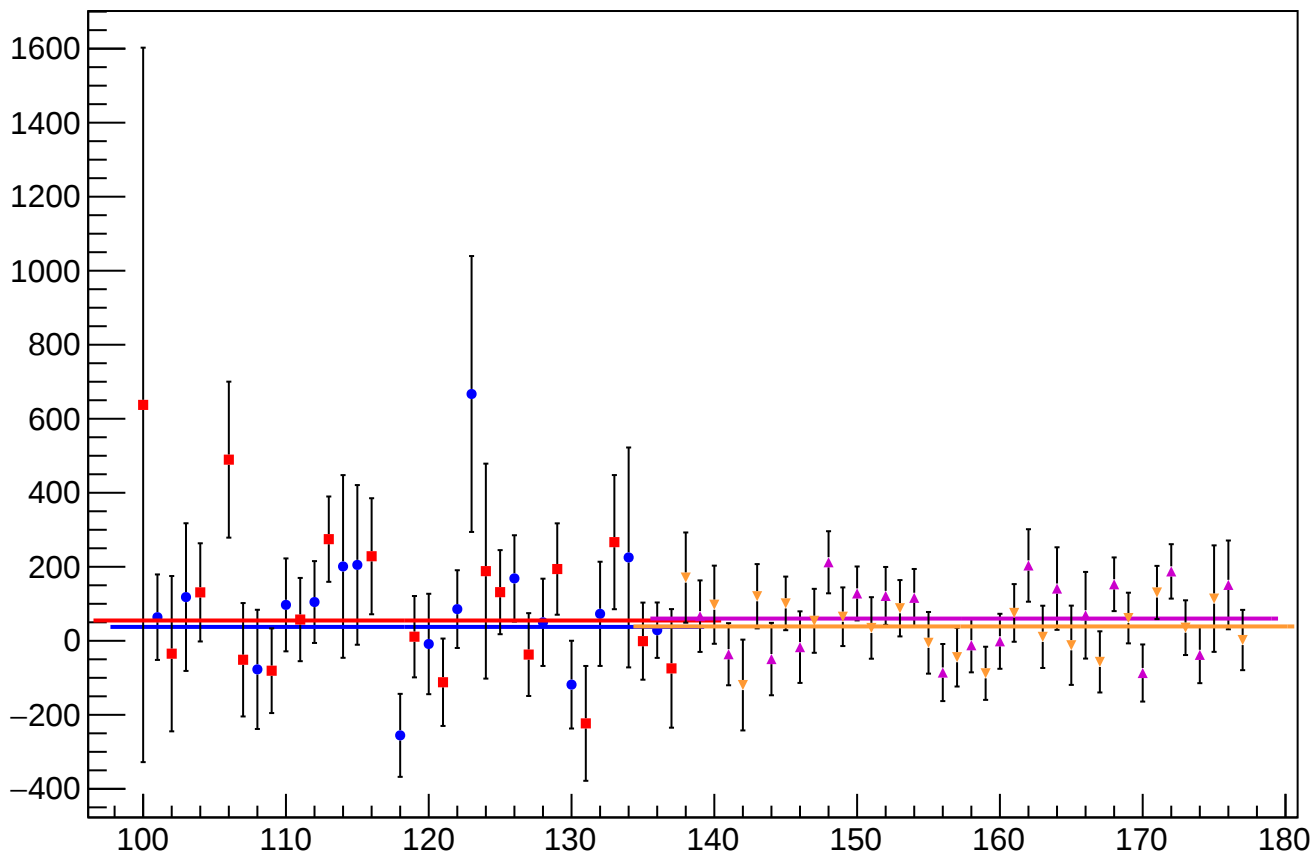
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 193.789 $\pm$ 0.032 χ^2/NDF :5251450.0/35

Out: 195.796 $\pm$ 0.031 χ^2/NDF :5788269.8/39

All: 194.813 $\pm$ 0.022 χ^2/NDF : 11041784.9/75

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: 60.092 $\pm$ 19.259 χ^2 /NDF:26.9/18

Left: 48.917 $\pm$ 13.270 χ^2 /NDF: 41.5/39

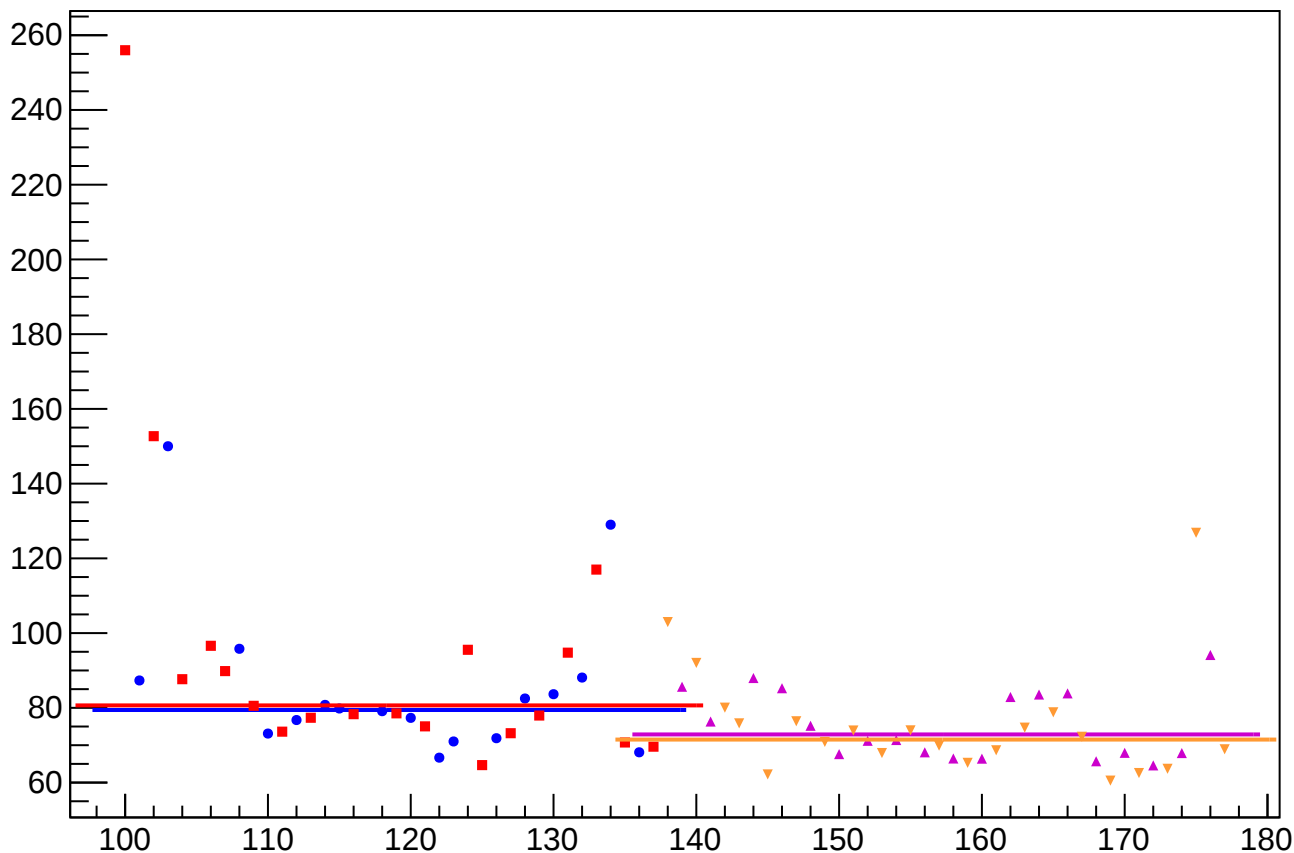
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 53.943 $\pm$ 16.426 χ^2 /NDF:43.1/35

Out: 42.881 $\pm$ 15.827 χ^2 /NDF:36.3/39

All: 48.207 $\pm$ 11.397 χ^2 /NDF: 79.6/75

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 ± 0.022 $\chi^2/\text{NDF}: 439047.1/16$

Left Out: 71.507 ± 0.013 $\chi^2/\text{NDF}: 704760.8/20$

Right Out: 80.652 ± 0.022 $\chi^2/\text{NDF}: 520439.8/18$

Left In: 72.883 ± 0.014 $\chi^2/\text{NDF}: 351990.1/18$

Left: 72.160 ± 0.009 $\chi^2/\text{NDF}: 1062114.9/39$

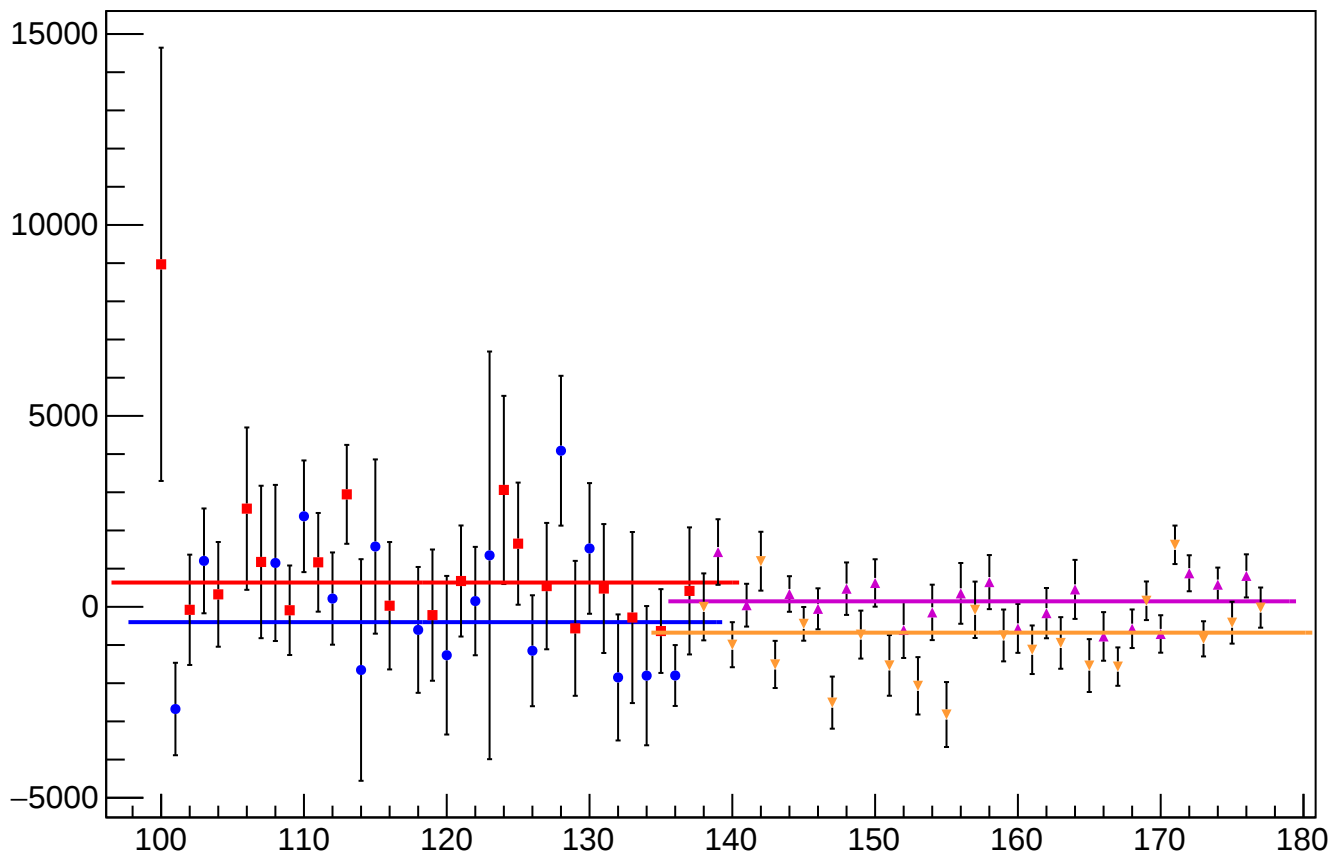
Right: 80.036 ± 0.016 $\chi^2/\text{NDF}: 961016.5/35$

In: 74.665 ± 0.012 $\chi^2/\text{NDF}: 853876.0/35$

Out: 73.819 ± 0.011 $\chi^2/\text{NDF}: 1351370.6/39$

All: 74.227 ± 0.008 $\chi^2/\text{NDF}: 2207997.7/75$

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: 144.113+/-135.753 χ^2/NDF : 18.7/18

Left: -277.130+/-94.697 χ^2/NDF : 96.0/39

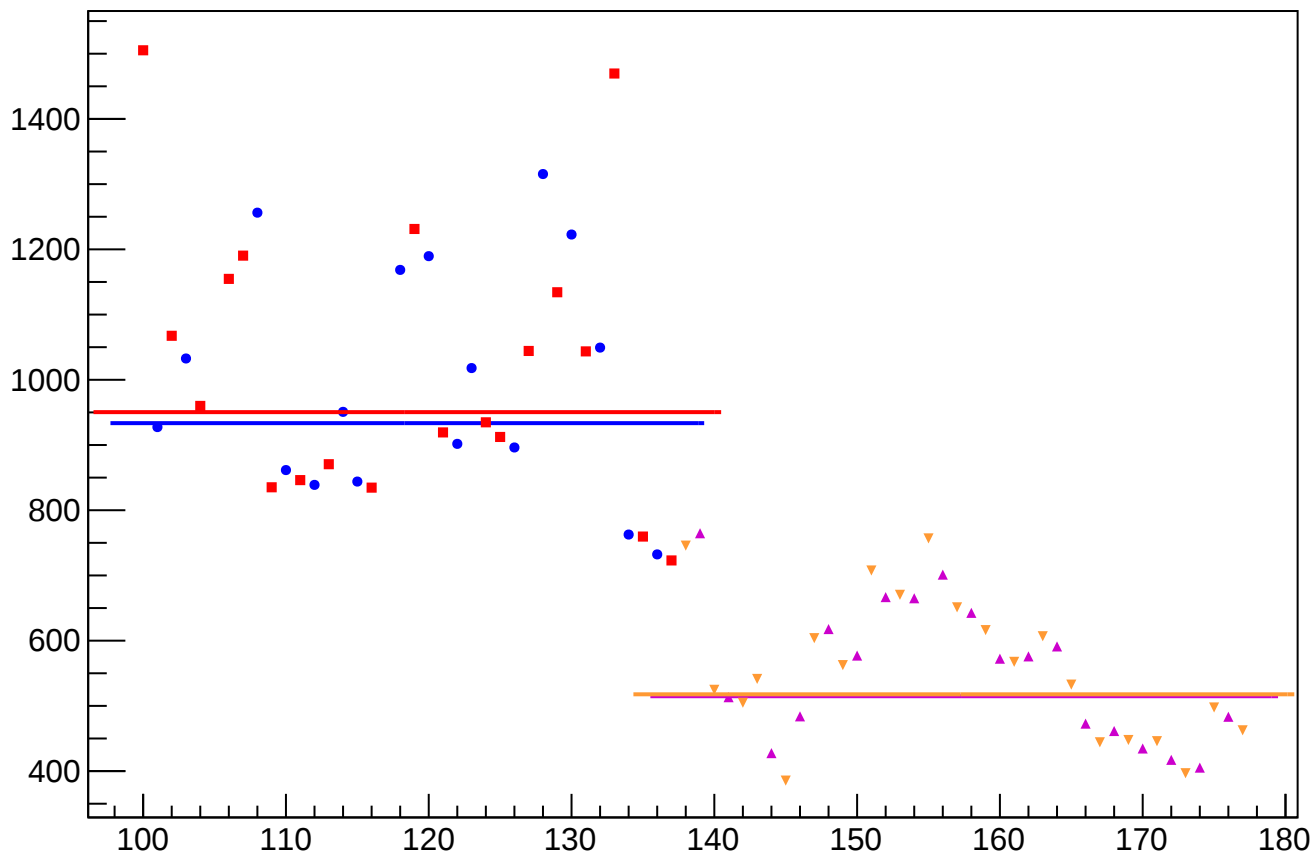
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 78.962+/-127.383 χ^2/NDF : 42.6/35

Out: -522.712+/-124.186 χ^2/NDF : 80.9/39

All: -229.521+/-88.921 χ^2/NDF : 134.9/75

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 517.748+/-0.093 χ^2/NDF : 1155271.5/20

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 514.814+/-0.096 χ^2/NDF : 1006781.6/18

Left: 516.320+/-0.067 χ^2/NDF : 2162532.7/39

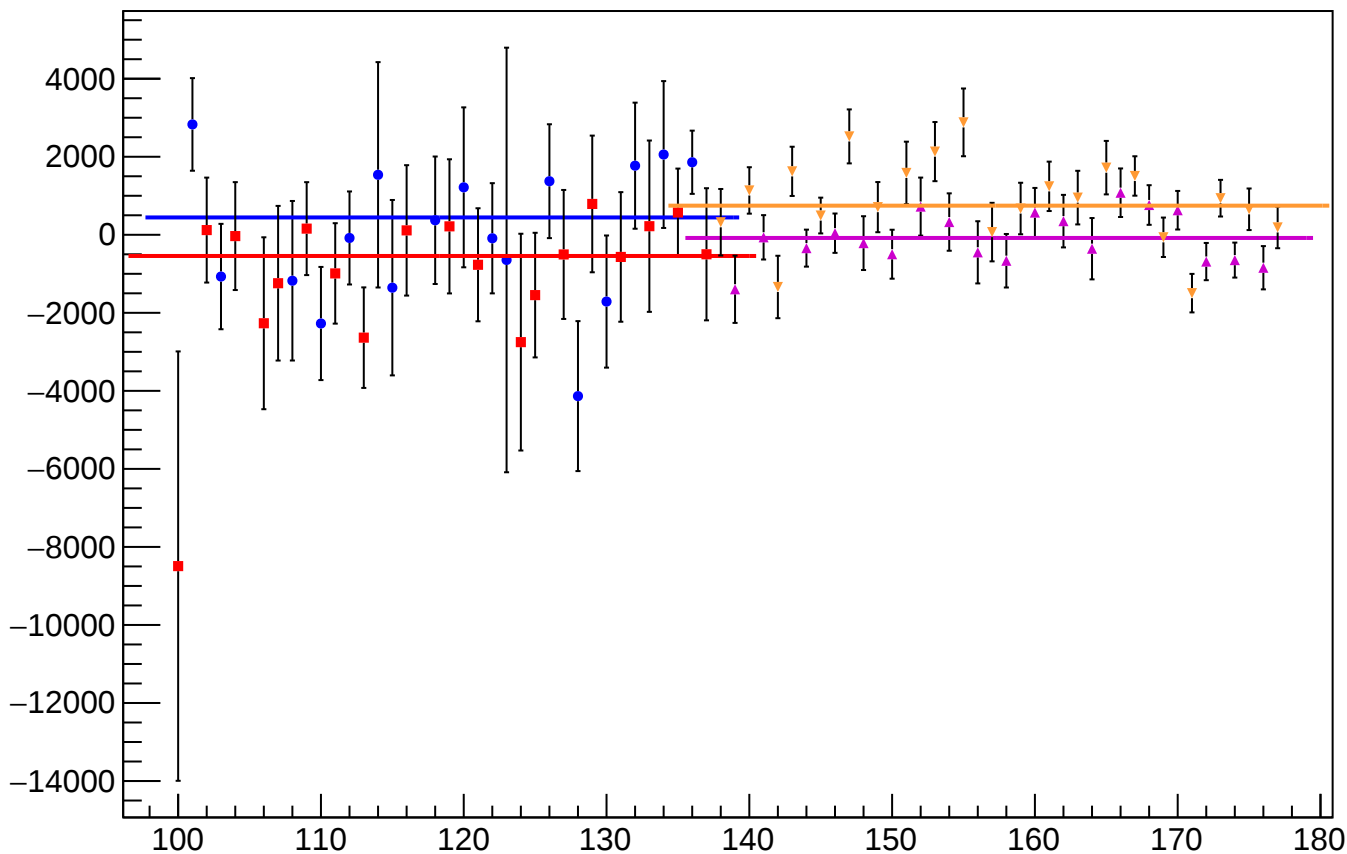
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 564.854+/-0.090 χ^2/NDF : 3722987.9/35

Out: 568.408+/-0.088 χ^2/NDF : 4089315.4/39

All: 566.676+/-0.063 χ^2/NDF : 7813101.5/75

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: -81.101+/-135.671 χ^2/NDF : 20.6/18

Left: 340.849+/-94.992 χ^2/NDF : 96.7/39

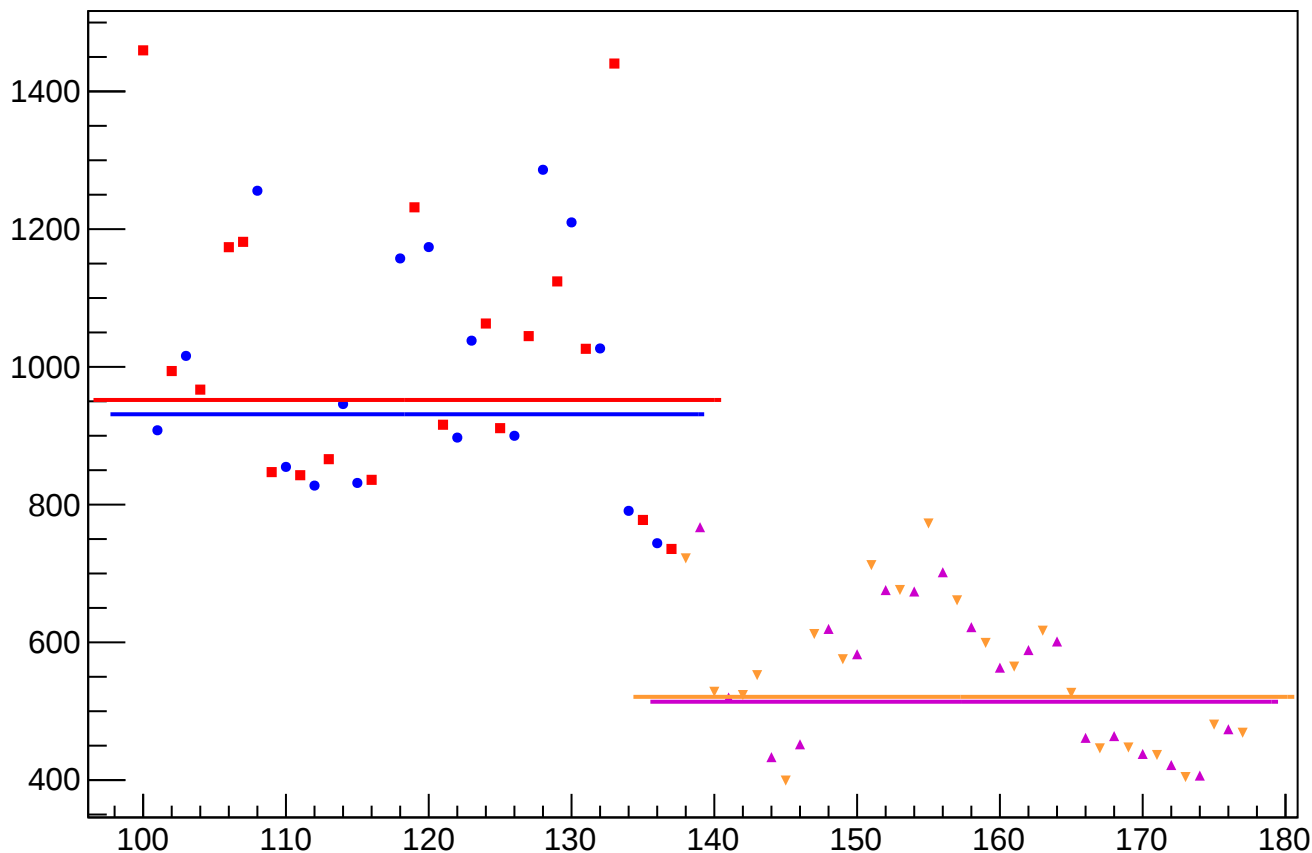
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -17.918+/-127.258 χ^2/NDF : 45.3/35

Out: 594.133+/-124.932 χ^2/NDF : 77.6/39

All: 293.752+/-89.151 χ^2/NDF : 134.7/75

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 520.877+/-0.094 χ^2/NDF :1117439.0/20

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 513.765+/-0.096 χ^2/NDF :1024357.8/18

Left: 517.391+/-0.067 χ^2/NDF : 2144598.8/39

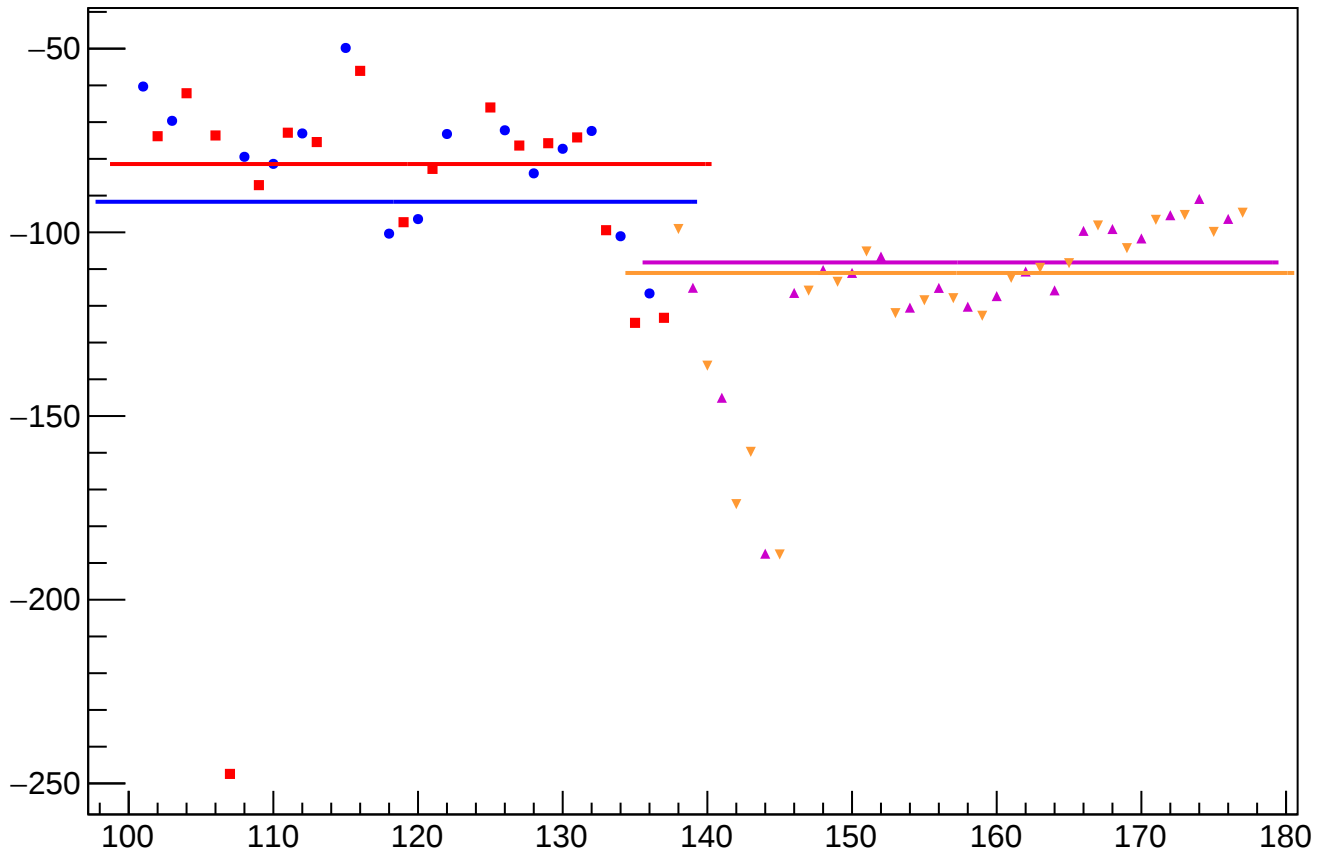
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 563.930+/-0.090 χ^2/NDF :3699932.7/35

Out: 571.850+/-0.088 χ^2/NDF :3982844.0/39

All: 567.963+/-0.063 χ^2/NDF : 7686722.1/75

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -111.057 ± 0.058 χ^2/NDF : 56960.0/20

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -108.193 ± 0.050 χ^2/NDF : 105958.6/18

Left: -109.418 ± 0.038 χ^2/NDF : 164328.2/39

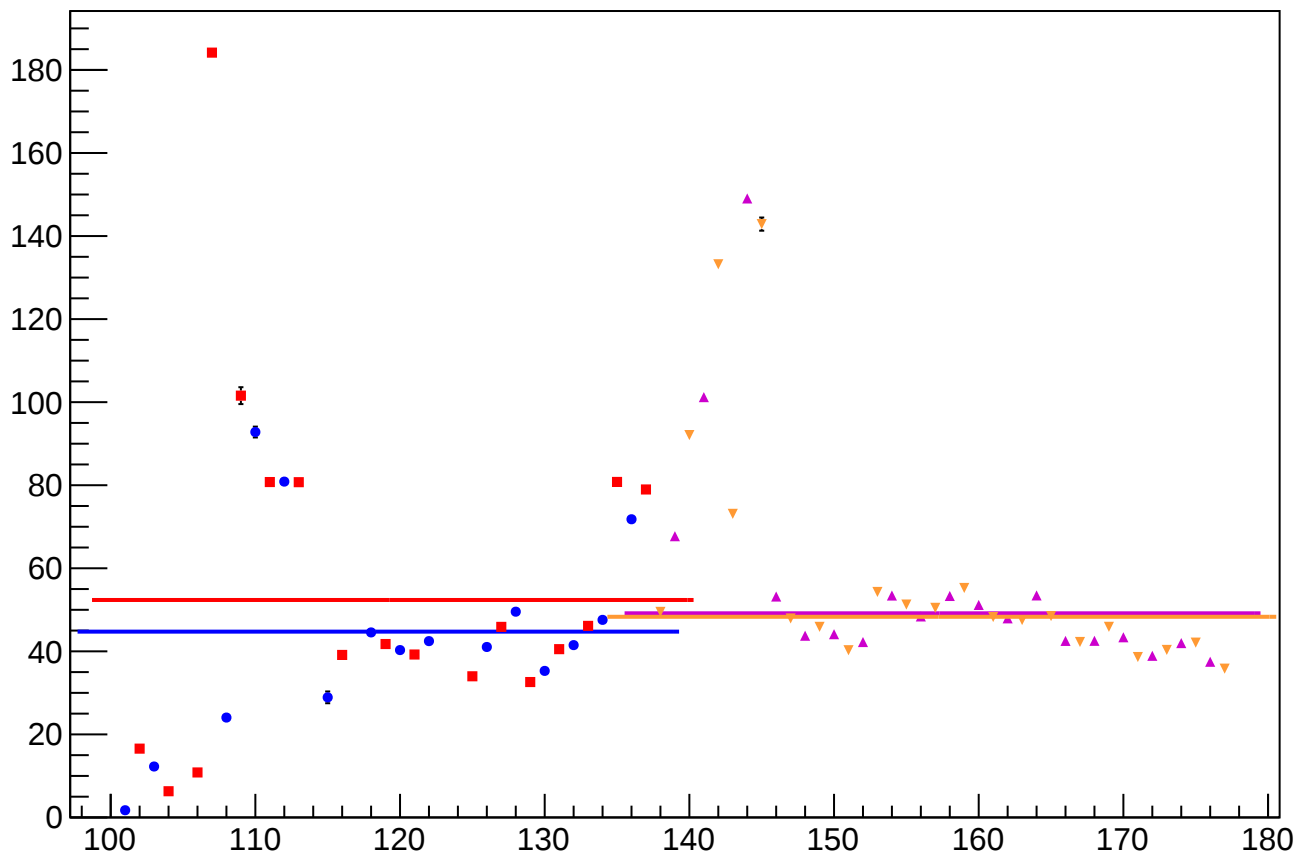
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -102.644 ± 0.041 χ^2/NDF : 207390.8/33

Out: -103.477 ± 0.050 χ^2/NDF : 166162.0/37

All: -102.977 ± 0.031 χ^2/NDF : 373720.8/71

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: 49.159+/-0.044 χ^2/NDF :139358.2/18

Left: 48.772+/-0.032 χ^2/NDF : 198257.2/39

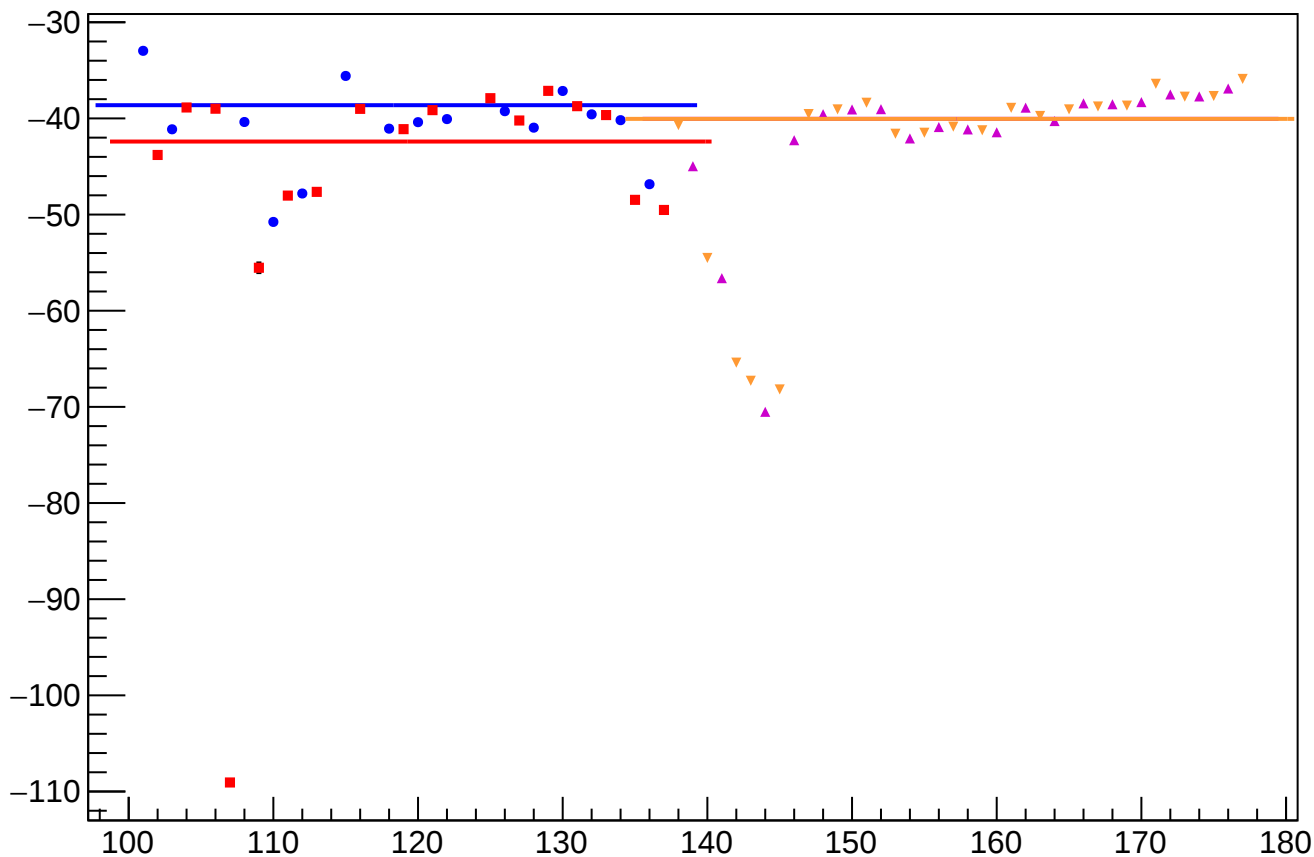
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 47.628+/-0.036 χ^2/NDF :227525.2/33

Out: 48.936+/-0.044 χ^2/NDF :129113.2/37

All: 48.148+/-0.028 χ^2/NDF : 357172.7/71

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -40.048 ± 0.007 $\chi^2/\text{NDF}: 245054.0/20$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -40.046 ± 0.008 $\chi^2/\text{NDF}: 185284.7/18$

Left: -40.047 ± 0.005 $\chi^2/\text{NDF}: 430338.8/39$

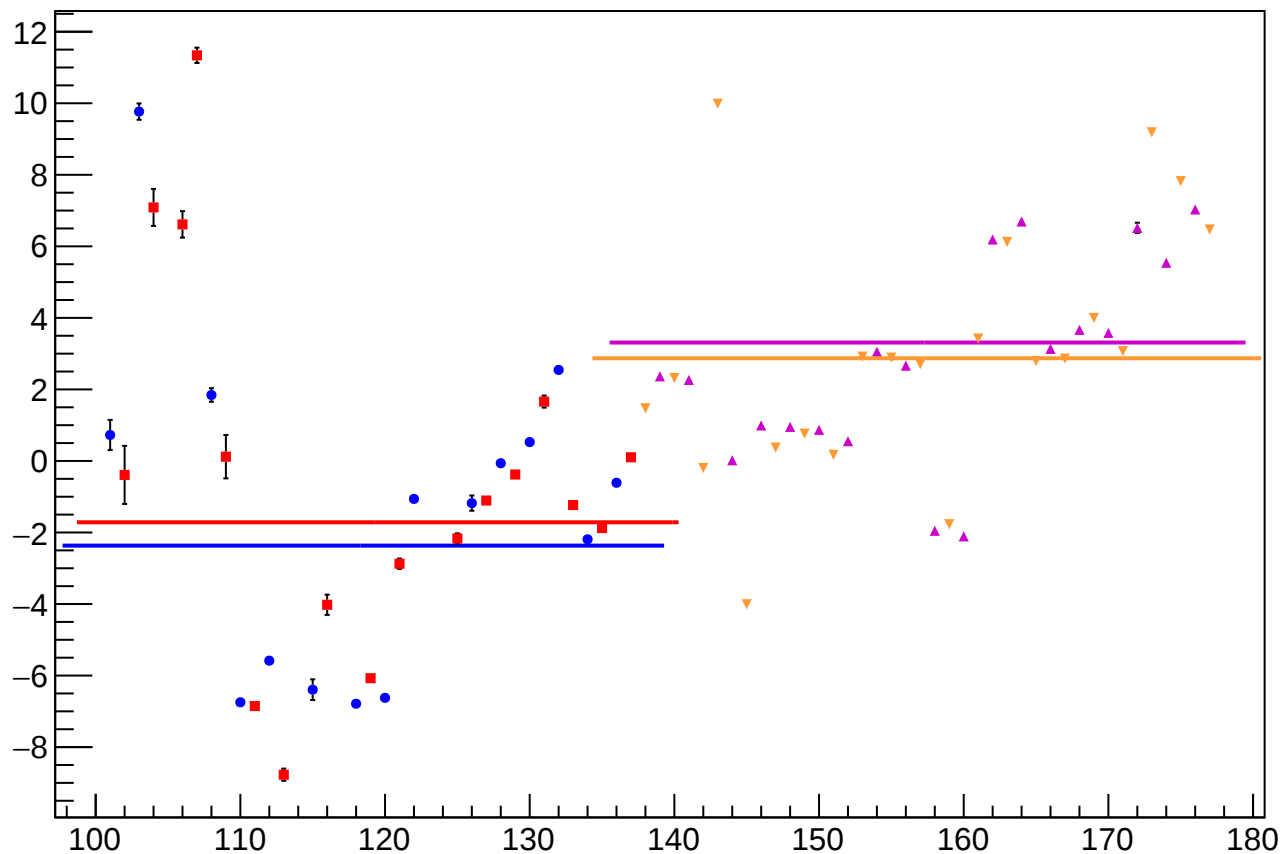
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.374 ± 0.006 $\chi^2/\text{NDF}: 440944.0/33$

Out: -40.292 ± 0.007 $\chi^2/\text{NDF}: 525194.1/37$

All: -39.749 ± 0.004 $\chi^2/\text{NDF}: 976794.1/71$

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: 3.311 ± 0.006 $\chi^2/\text{NDF}: 183684.2/18$

Left: 3.135 ± 0.005 $\chi^2/\text{NDF}: 307577.2/39$

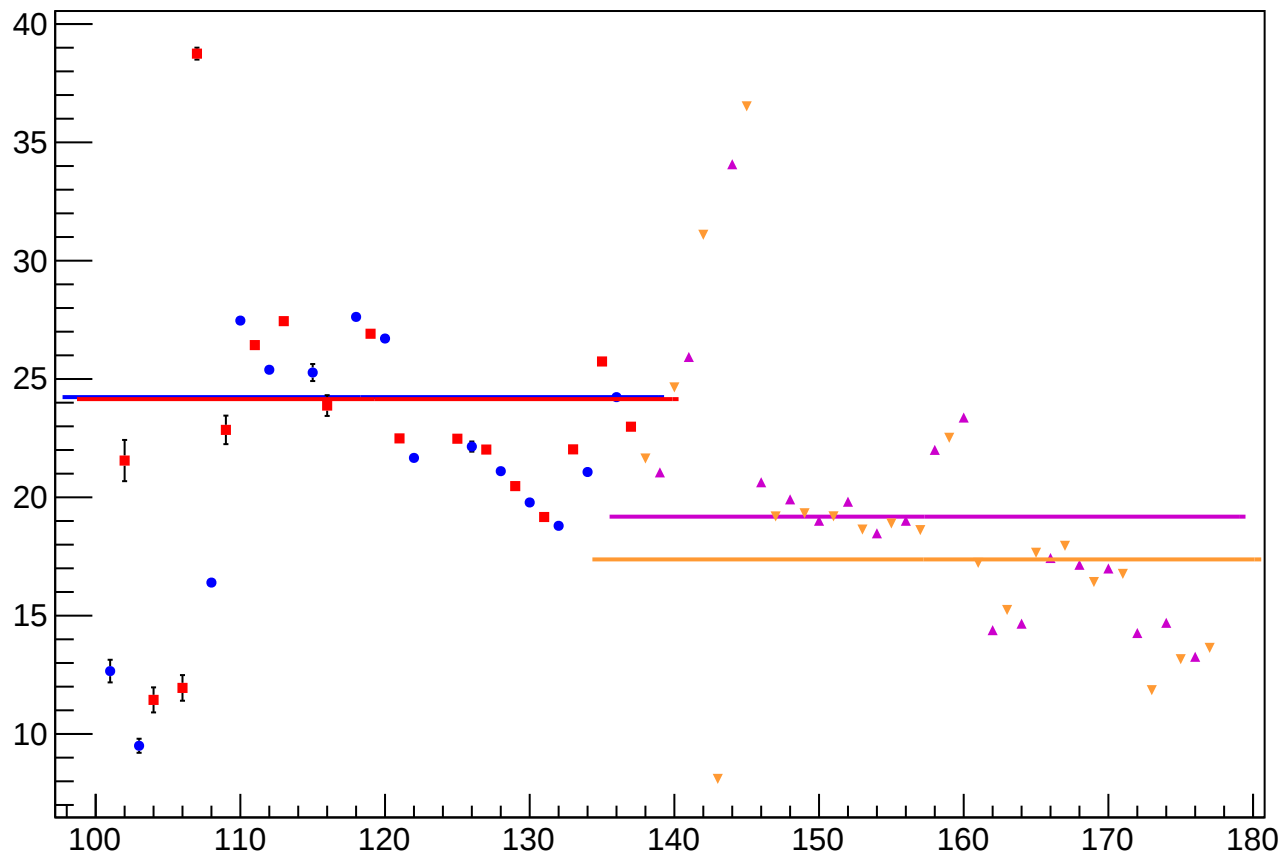
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 2.364 ± 0.006 $\chi^2/\text{NDF}: 348077.7/33$

Out: 2.526 ± 0.007 $\chi^2/\text{NDF}: 161357.6/37$

All: 2.425 ± 0.005 $\chi^2/\text{NDF}: 509736.4/71$

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: 19.183 $\pm$ 0.008 χ^2 /NDF:146390.6/18

Left: 18.264 $\pm$ 0.005 χ^2 /NDF: 319536.0/39

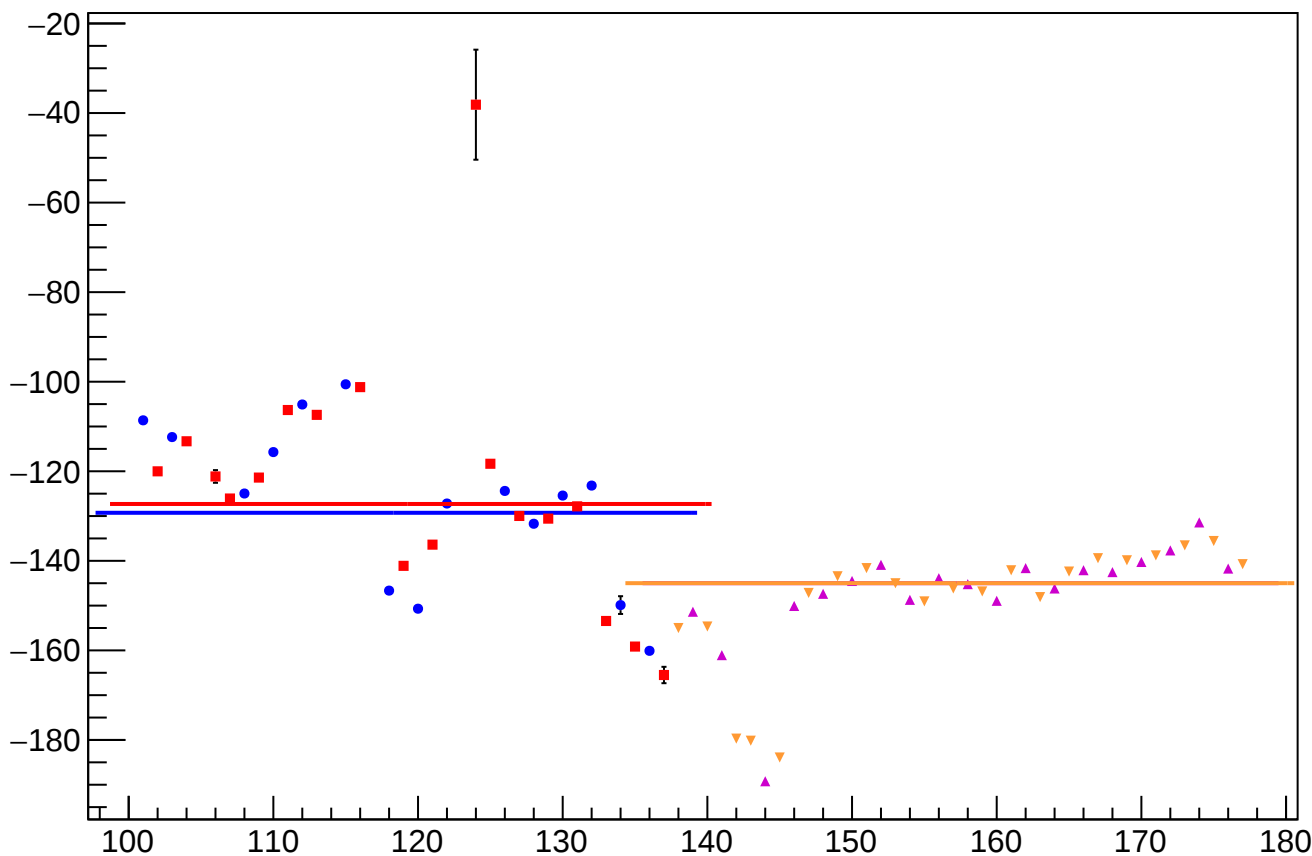
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 19.741 $\pm$ 0.007 χ^2 /NDF:215100.9/33

Out: 17.979 $\pm$ 0.007 χ^2 /NDF:229105.2/37

All: 18.855 $\pm$ 0.005 χ^2 /NDF: 473373.5/71

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2/NDF : 35109.7/14

Left Out: -144.989 $\pm$ 0.047 χ^2/NDF : 41599.7/20

Right Out: -127.303 $\pm$ 0.084 χ^2/NDF : 29597.3/17

Left In: -144.991 $\pm$ 0.049 χ^2/NDF : 32260.8/18

Left: -144.990 $\pm$ 0.034 χ^2/NDF : 73860.6/39

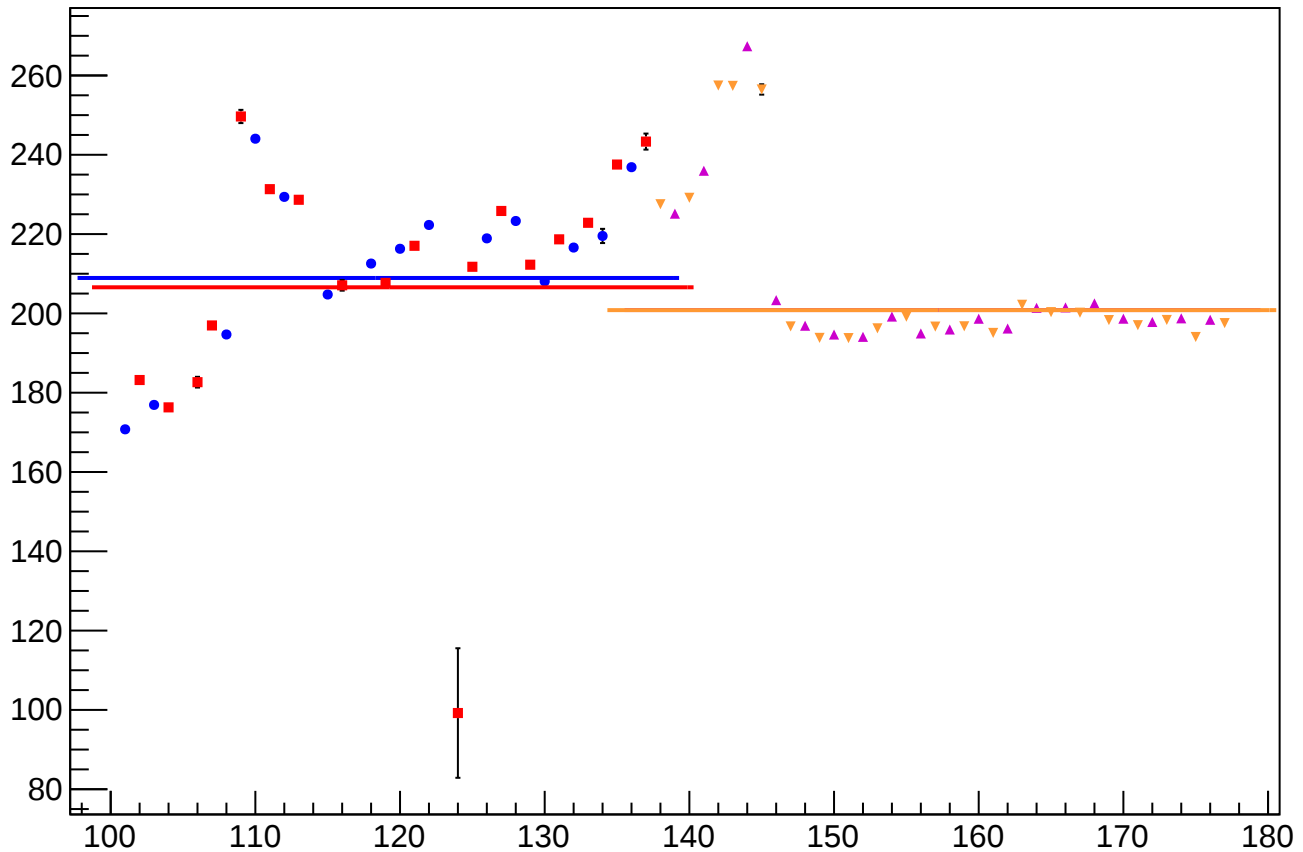
Right: -128.248 $\pm$ 0.061 χ^2/NDF : 64968.8/32

In: -141.267 $\pm$ 0.043 χ^2/NDF : 91841.6/33

Out: -140.742 $\pm$ 0.041 χ^2/NDF : 104628.4/38

All: -140.995 $\pm$ 0.030 χ^2/NDF : 196548.0/72

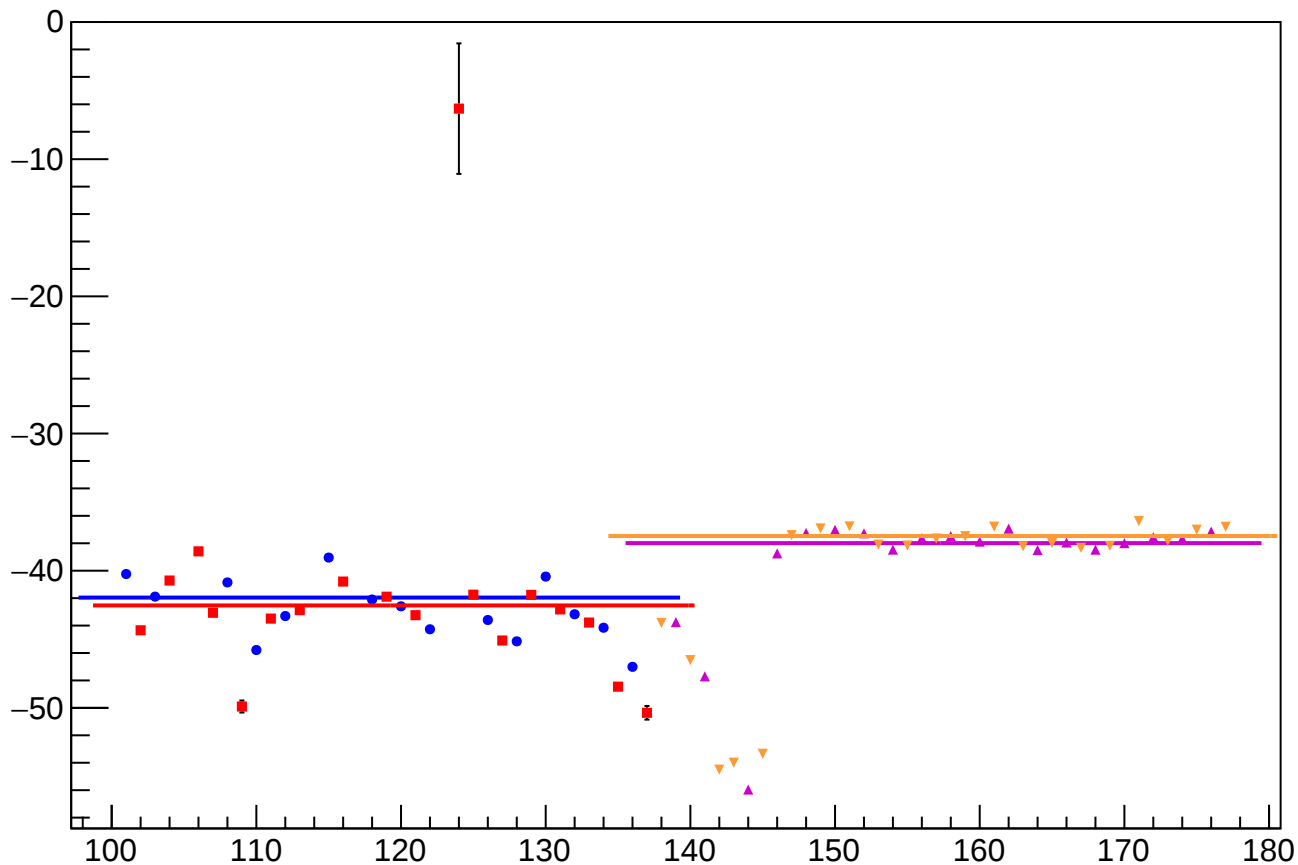
dit_usr_4eX_slope vs Slug, Sign Corrected



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: 200.846 $\pm$ 0.042 χ^2/NDF :77005.3/18

Left: 200.833 $\pm$ 0.029 χ^2/NDF : 184745.4/39
 Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32
 In: 202.340 $\pm$ 0.038 χ^2/NDF :128392.2/33
 Out: 201.904 $\pm$ 0.036 χ^2/NDF :159843.2/38
 All: 202.108 $\pm$ 0.026 χ^2/NDF : 288304.1/72

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.472 ± 0.004 $\chi^2/\text{NDF}: 228833.1/20$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -37.988 ± 0.005 $\chi^2/\text{NDF}: 135333.2/18$

Left: -37.690 ± 0.003 $\chi^2/\text{NDF}: 371492.0/39$

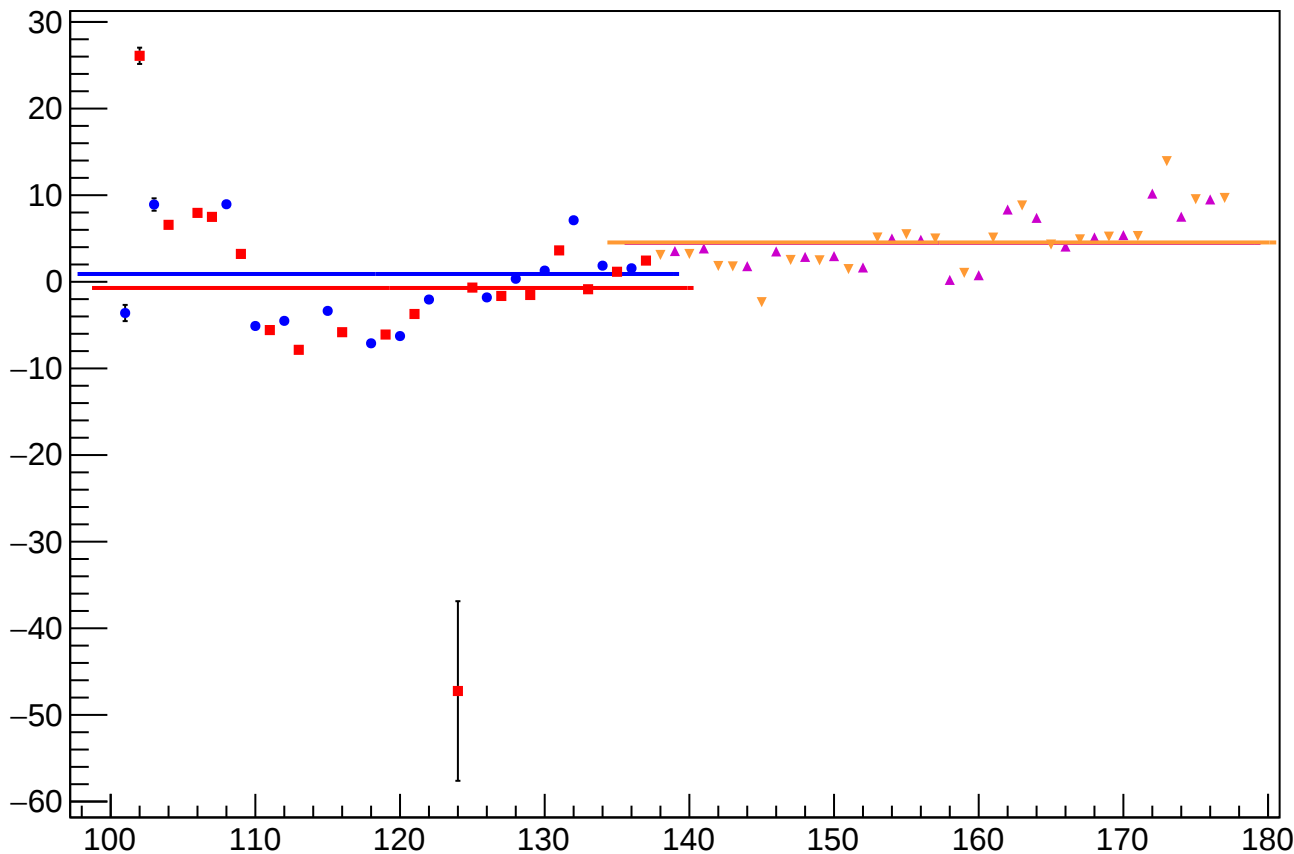
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.304 ± 0.004 $\chi^2/\text{NDF}: 219161.2/33$

Out: -37.648 ± 0.004 $\chi^2/\text{NDF}: 292909.6/38$

All: -37.932 ± 0.003 $\chi^2/\text{NDF}: 524668.1/72$

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: 4.484 ± 0.007 χ^2/NDF : 114044.8/18

Left: 4.518 ± 0.005 χ^2/NDF : 259037.7/39

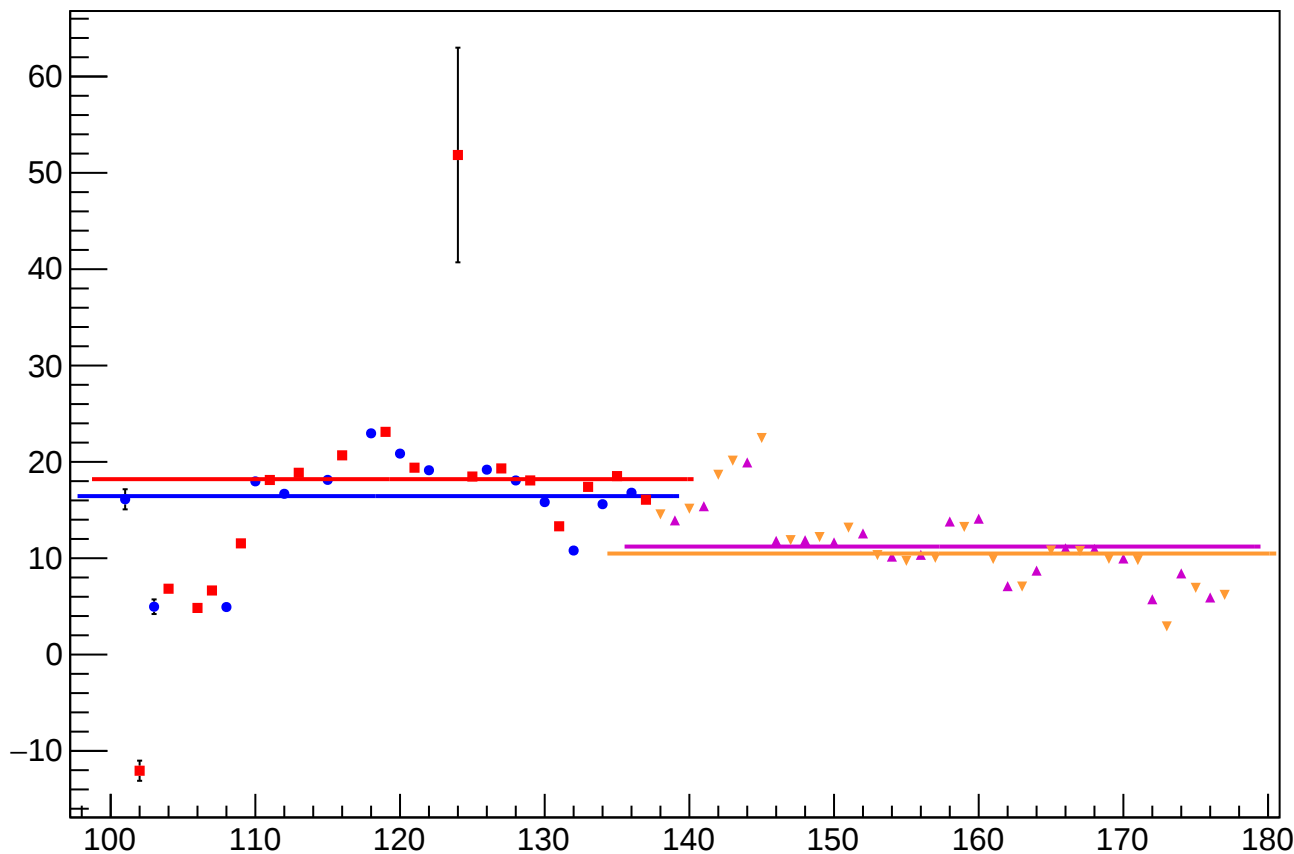
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 4.071 ± 0.007 χ^2/NDF : 163417.6/33

Out: 4.218 ± 0.006 χ^2/NDF : 219526.1/38

All: 4.153 ± 0.005 χ^2/NDF : 383205.0/72

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 10.487 $\pm$ 0.008 χ^2 /NDF:168593.3/20

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 11.210 $\pm$ 0.009 χ^2 /NDF:77156.9/18

Left: 10.790 $\pm$ 0.006 χ^2 /NDF: 249515.3/39

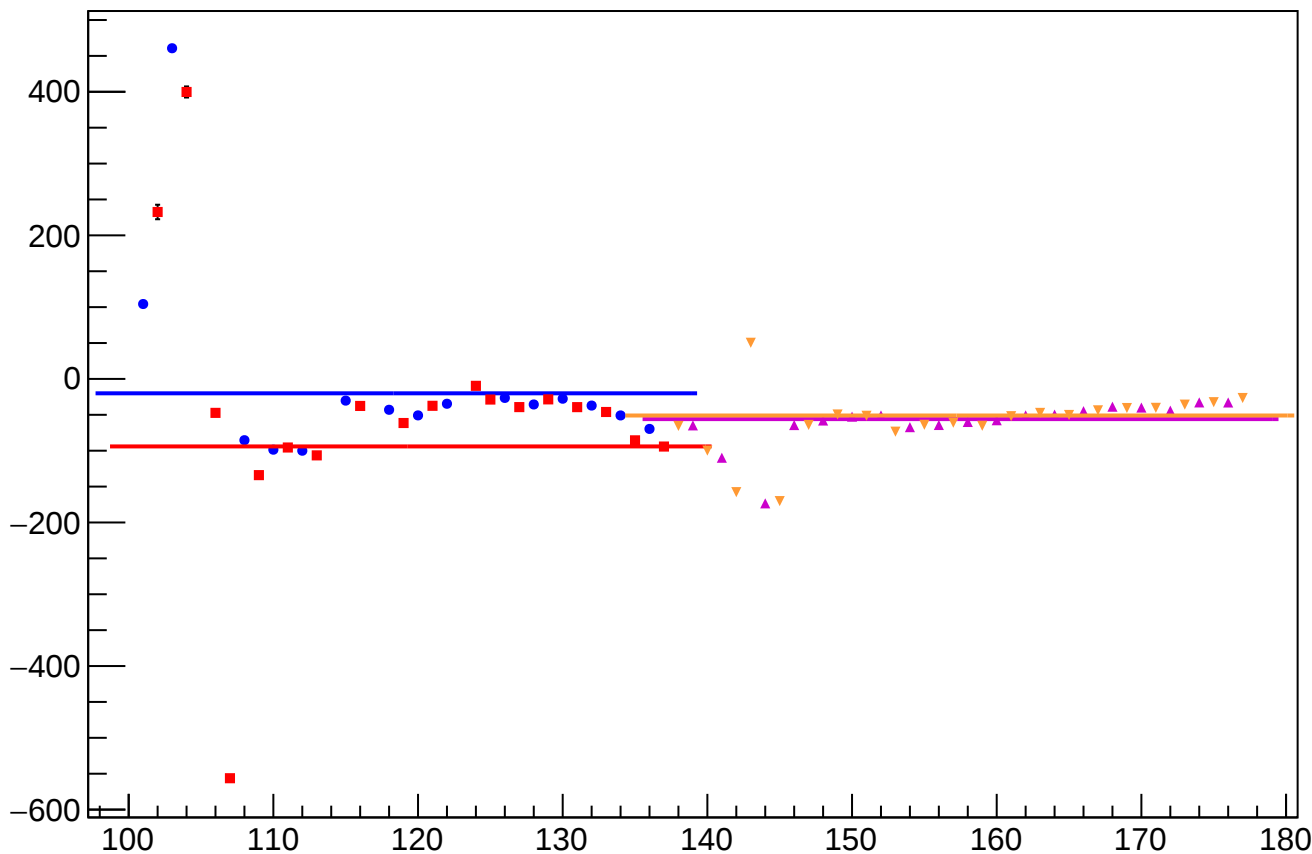
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 11.835 $\pm$ 0.008 χ^2 /NDF:131884.9/33

Out: 11.433 $\pm$ 0.007 χ^2 /NDF:321365.5/38

All: 11.601 $\pm$ 0.005 χ^2 /NDF: 454574.3/72

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: -55.987 ± 0.109 $\chi^2/\text{NDF}: 55807.6/18$

Left: -53.103 ± 0.071 $\chi^2/\text{NDF}: 115724.9/39$

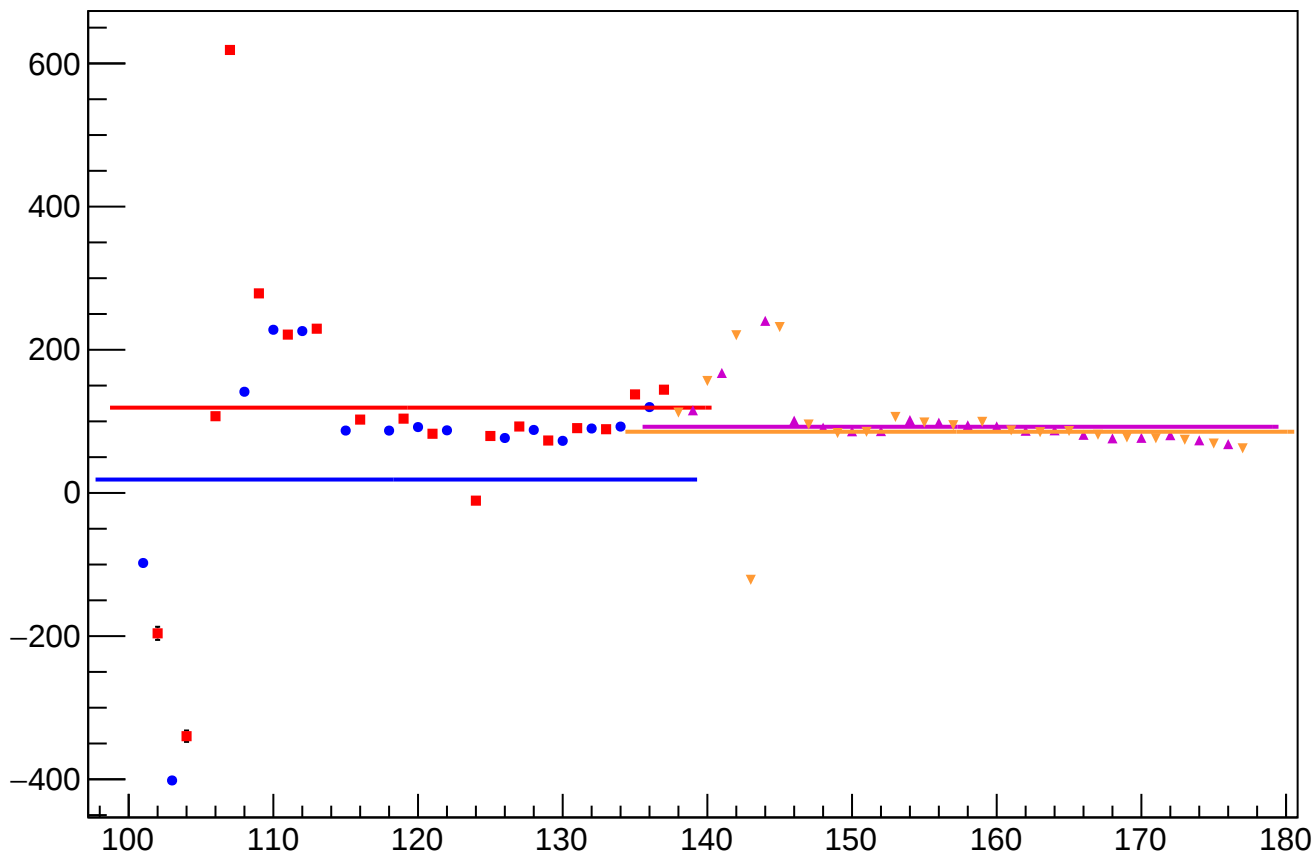
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -43.972 ± 0.089 $\chi^2/\text{NDF}: 533901.1/33$

Out: -93.299 ± 0.012 $\chi^2/\text{NDF}: 355528.9/38$

All: -92.362 ± 0.012 $\chi^2/\text{NDF}: 1193747.1/72$

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: 92.461 ± 0.095 $\chi^2/\text{NDF}: 77052.7/18$

Left: 88.509 ± 0.062 $\chi^2/\text{NDF}: 257664.0/39$

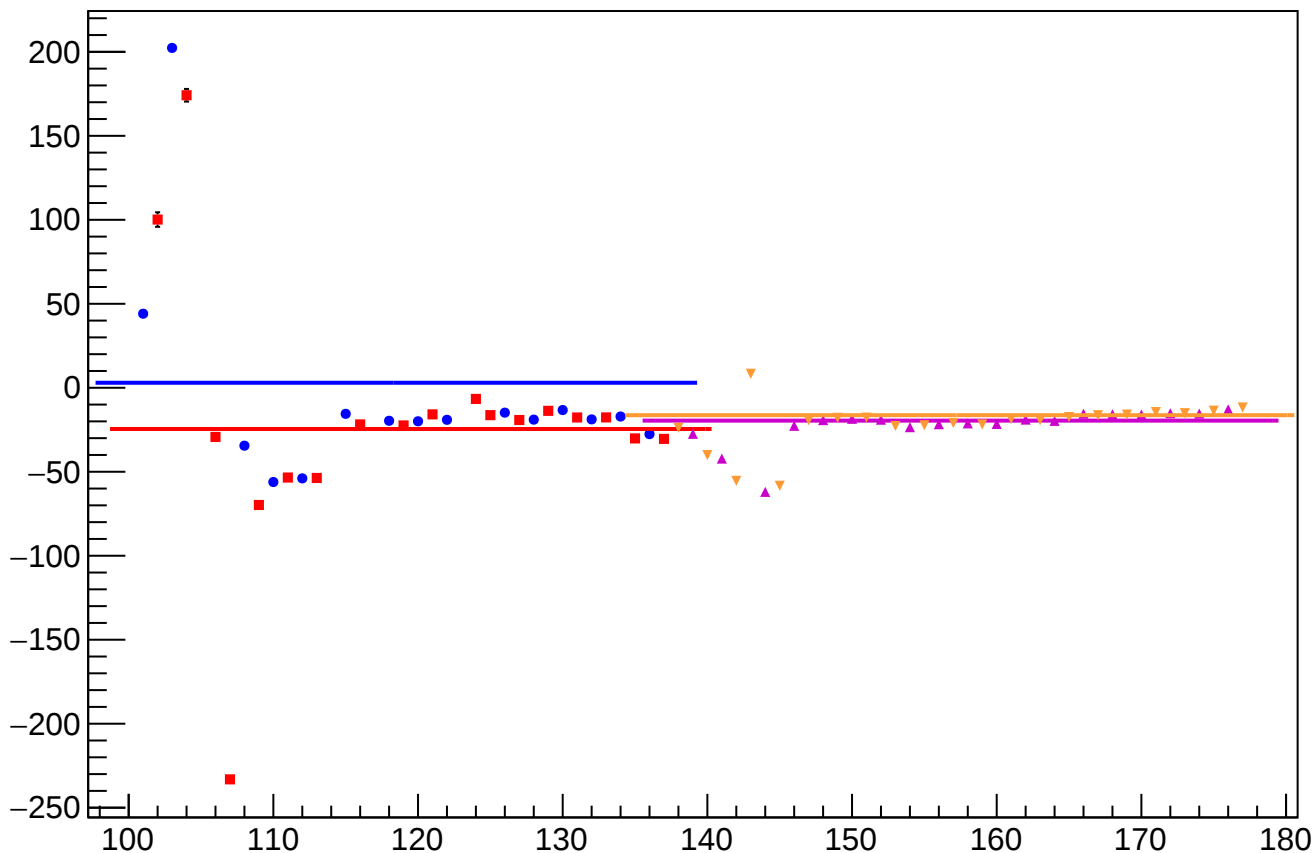
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 71.785 ± 0.081 $\chi^2/\text{NDF}: 1347993.1/33$

Out: 90.452 ± 0.076 $\chi^2/\text{NDF}: 289355.1/38$

All: 81.620 ± 0.055 $\chi^2/\text{NDF}: 1665656.8/72$

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: -19.555 ± 0.014 $\chi^2/\text{NDF}: 167756.8/18$

Left: -17.741 ± 0.009 $\chi^2/\text{NDF}: 776737.7/39$

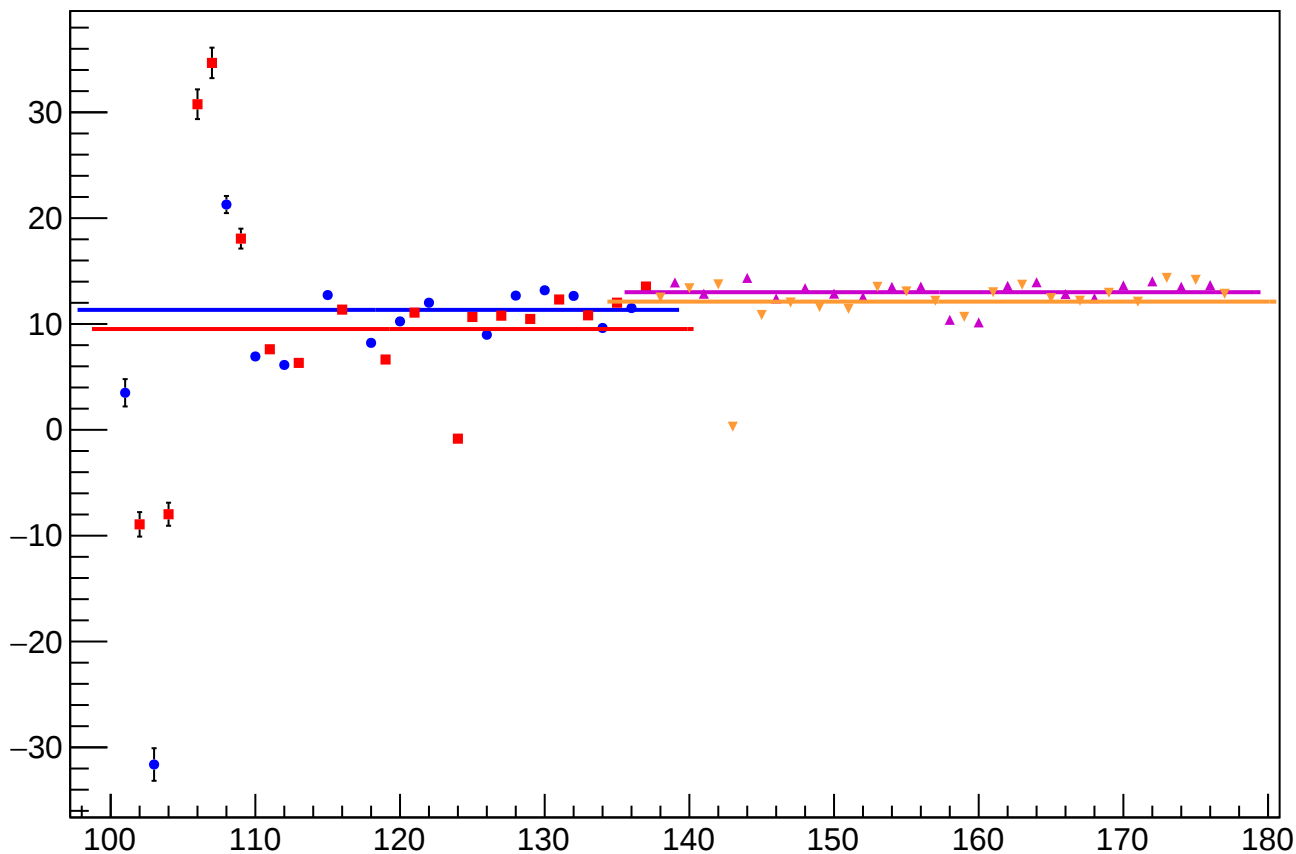
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.787 ± 0.012 $\chi^2/\text{NDF}: 4219009.3/33$

Out: -16.928 ± 0.012 $\chi^2/\text{NDF}: 788019.8/38$

All: -15.903 ± 0.009 $\chi^2/\text{NDF}: 5022643.1/72$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.113 $\pm$ 0.015 χ^2 /NDF:32771.9/20

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.004 $\pm$ 0.012 χ^2 /NDF:6426.7/18

Left: 12.643 $\pm$ 0.009 χ^2 /NDF: 41403.6/39

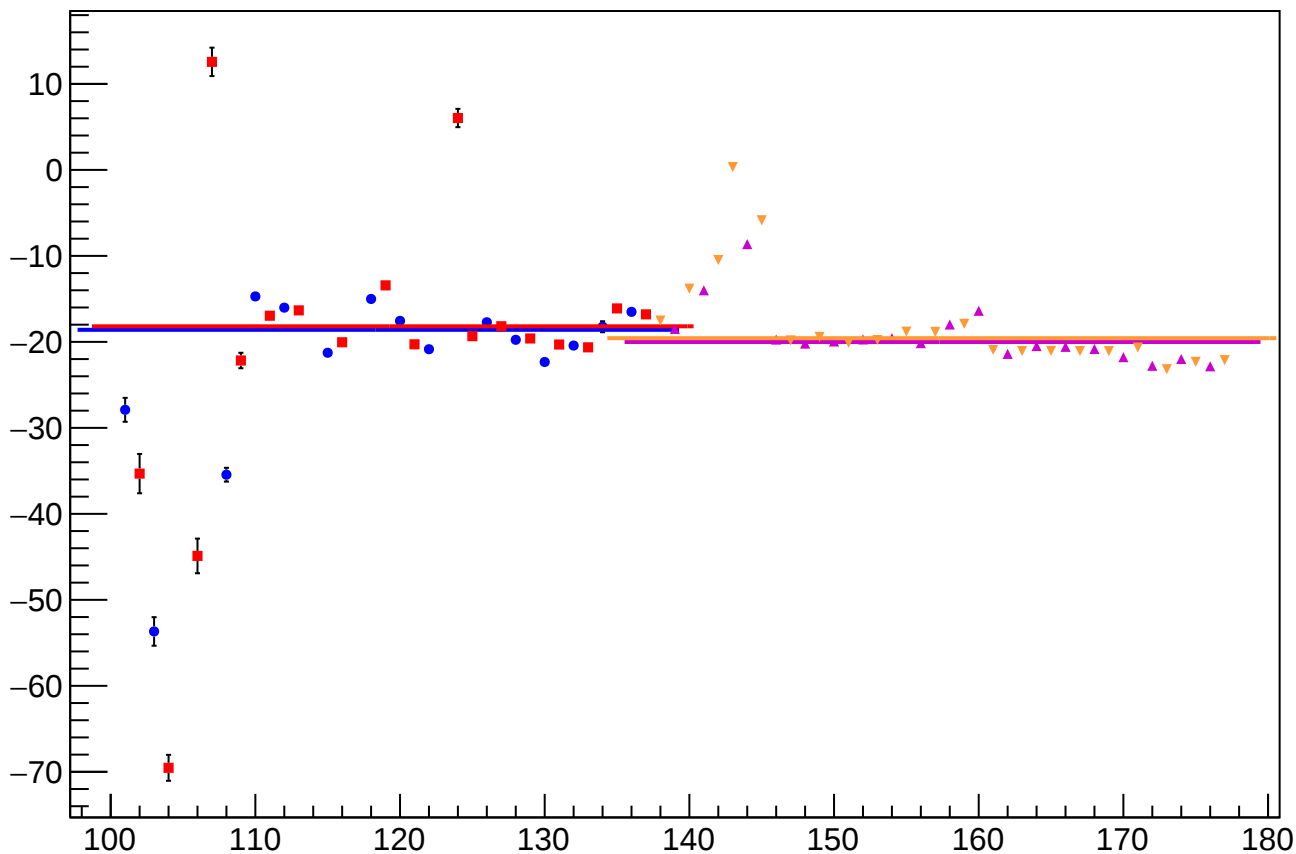
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.846 $\pm$ 0.012 χ^2 /NDF:10641.0/33

Out: 11.893 $\pm$ 0.014 χ^2 /NDF:39500.0/38

All: 12.462 $\pm$ 0.009 χ^2 /NDF: 52908.0/72

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -19.572 ± 0.016 $\chi^2/\text{NDF}: 64009.7/20$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -20.015 ± 0.016 $\chi^2/\text{NDF}: 15620.8/18$

Left: -19.788 ± 0.011 $\chi^2/\text{NDF}: 80017.0/39$

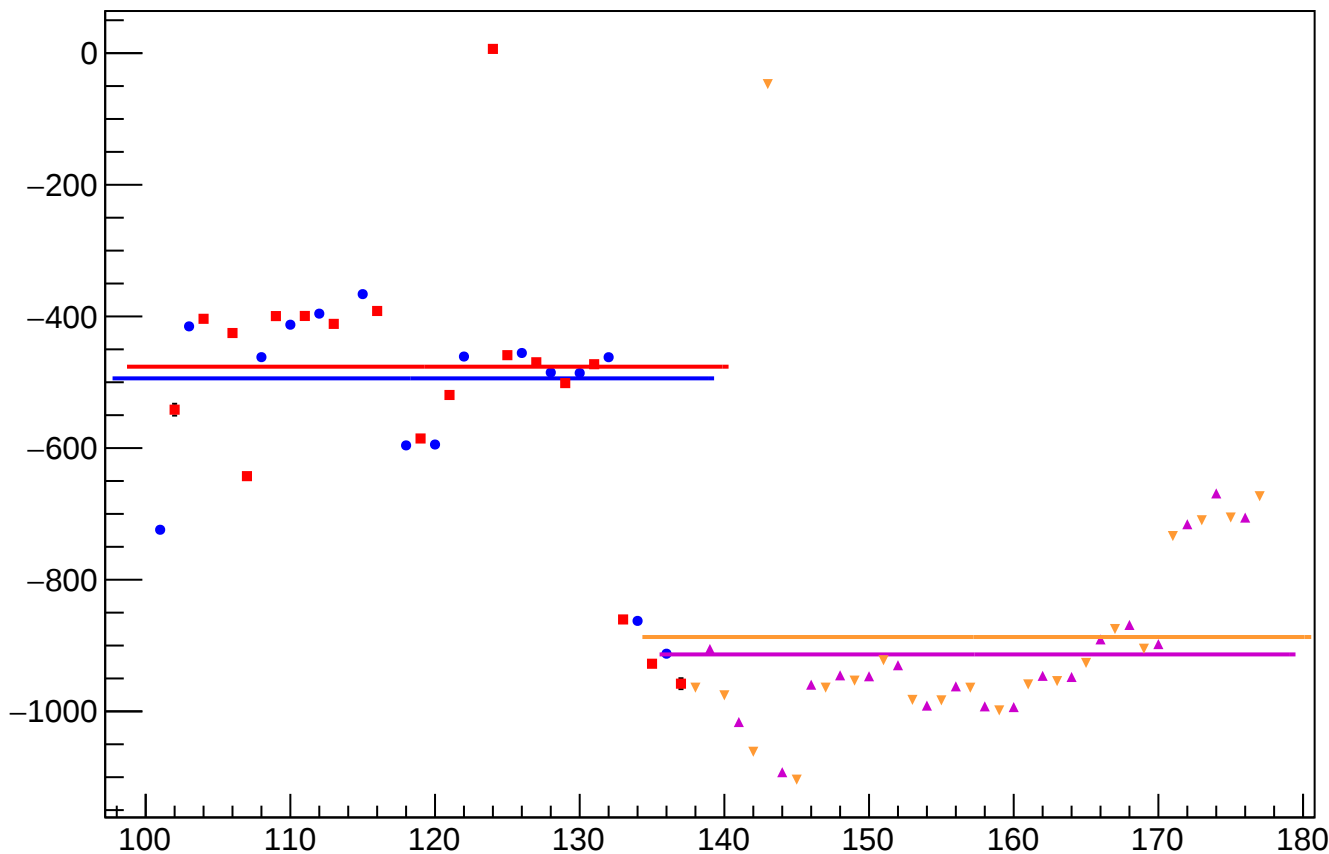
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.790 ± 0.015 $\chi^2/\text{NDF}: 23035.0/33$

Out: -19.445 ± 0.015 $\chi^2/\text{NDF}: 69600.7/38$

All: -19.619 ± 0.011 $\chi^2/\text{NDF}: 92903.8/72$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -887.039 ± 0.158 $\chi^2/\text{NDF}: 736913.5/20$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -913.474 ± 0.163 $\chi^2/\text{NDF}: 430112.7/18$

Left: -899.903 ± 0.114 $\chi^2/\text{NDF}: 1180563.1/39$

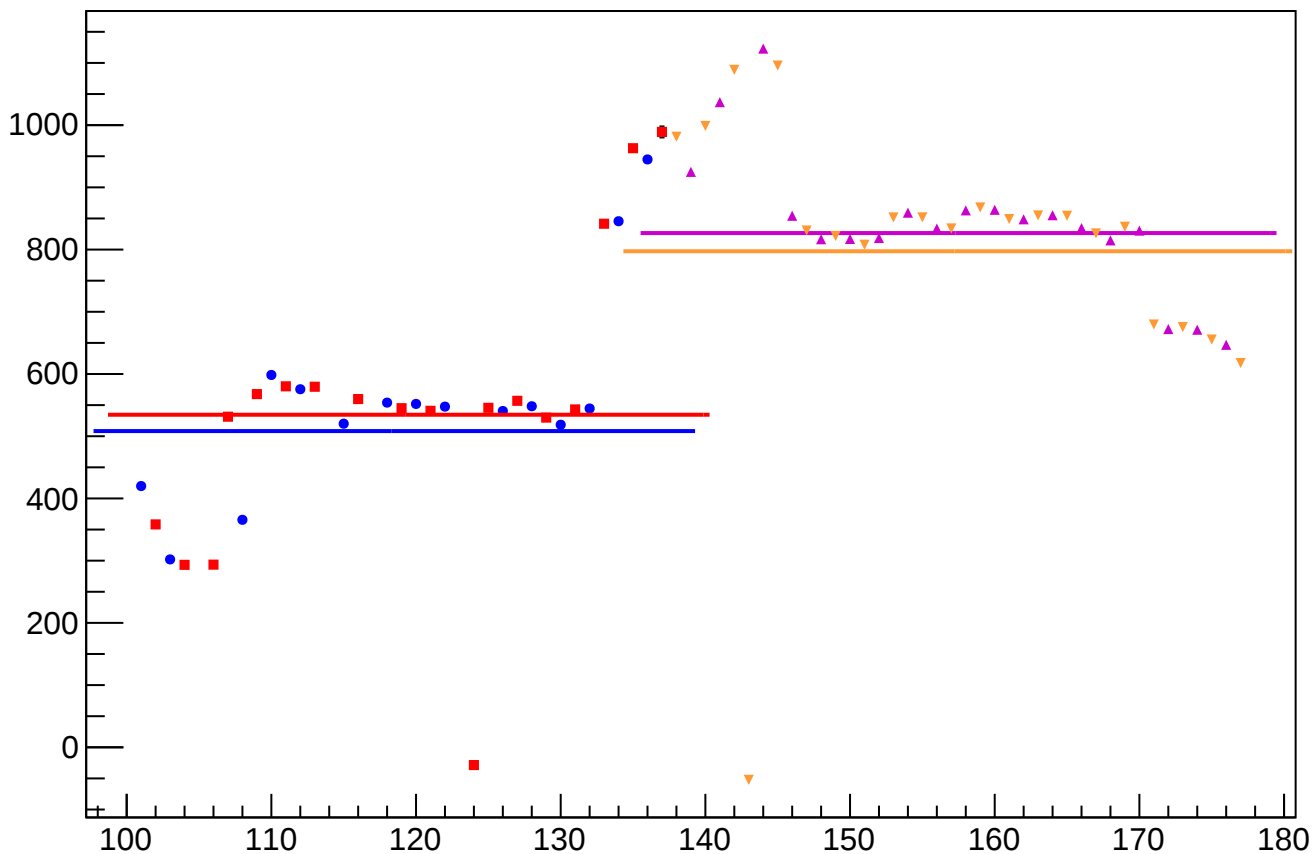
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -775.183 ± 0.133 $\chi^2/\text{NDF}: 2944583.9/33$

Out: -713.336 ± 0.120 $\chi^2/\text{NDF}: 4170886.4/38$

All: -741.127 ± 0.089 $\chi^2/\text{NDF}: 7234045.4/72$

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: 826.561+/-0.135 χ^2/NDF : 326542.0/18

Left: 811.238+/-0.093 χ^2/NDF : 1114577.6/39

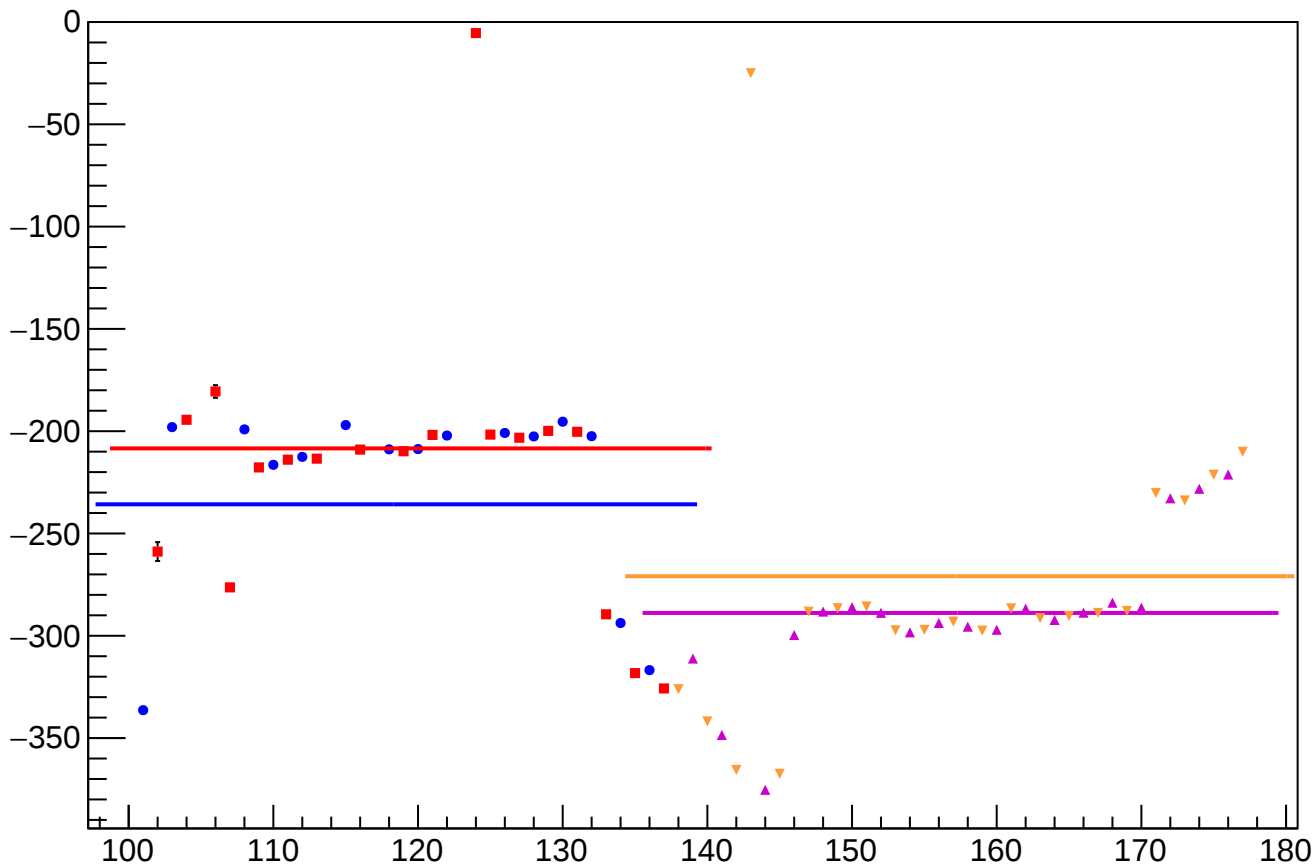
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 740.414+/-0.115 χ^2/NDF : 2269792.4/33

Out: 728.984+/-0.111 χ^2/NDF : 2215074.8/38

All: 734.468+/-0.080 χ^2/NDF : 4489977.6/72

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: -288.844 ± 0.024 $\chi^2/\text{NDF}: 888954.5/18$

Left: -279.602 ± 0.017 $\chi^2/\text{NDF}: 8079239.0/39$

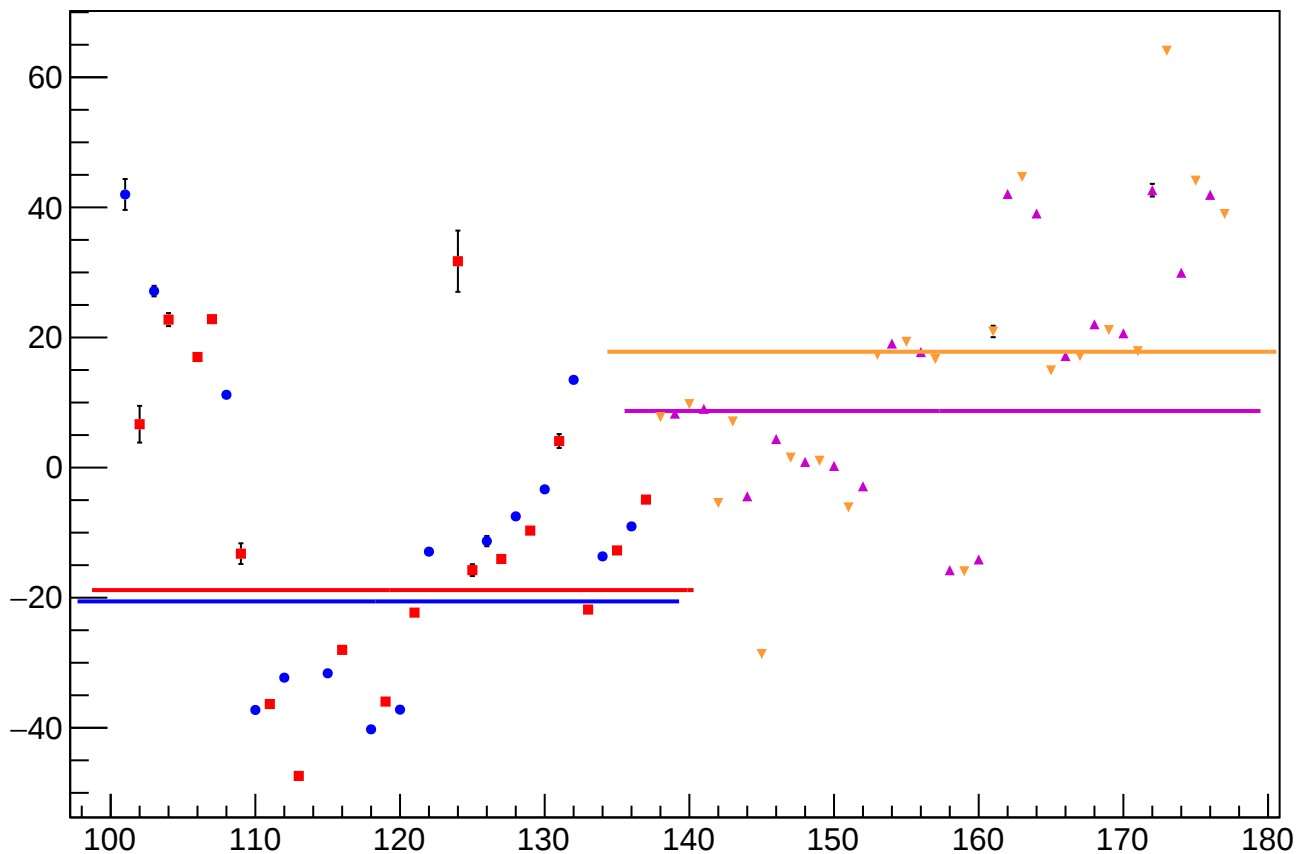
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -280.302 ± 0.022 $\chi^2/\text{NDF}: 2540884.5/33$

Out: -258.332 ± 0.021 $\chi^2/\text{NDF}: 8709309.6/38$

All: -268.715 ± 0.015 $\chi^2/\text{NDF}: 11769118.2/77$

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: 8.704 ± 0.019 χ^2/NDF : 1030369.6/18

Left: 12.674 ± 0.014 χ^2/NDF : 1760520.7/39

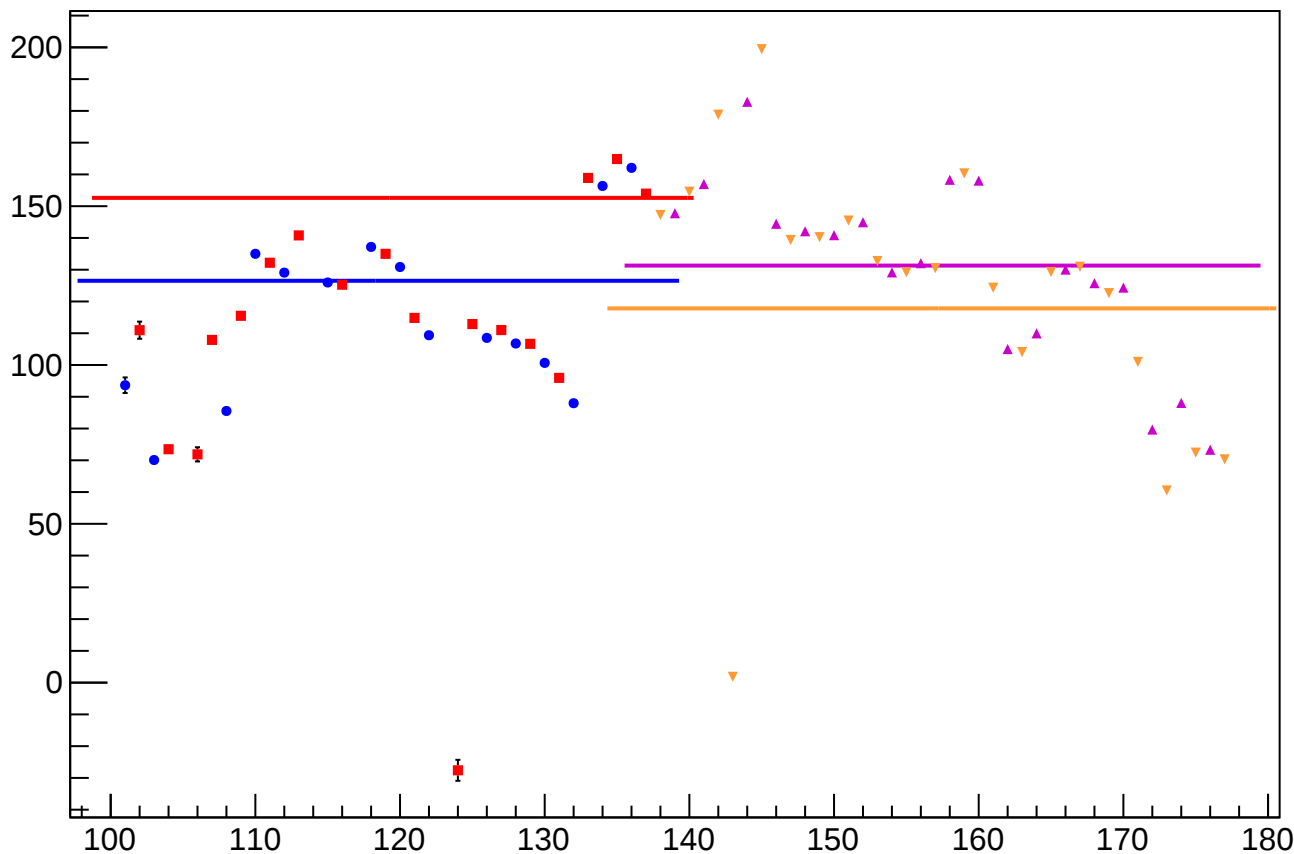
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 6.767 ± 0.018 χ^2/NDF : 1251011.8/33

Out: 16.400 ± 0.021 χ^2/NDF : 761383.9/38

All: 10.899 ± 0.014 χ^2/NDF : 2130631.6/72

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: 131.299 $\pm$ 0.027 χ^2 /NDF:720959.6/18

Left: 124.741 $\pm$ 0.019 χ^2 /NDF: 2042544.2/39

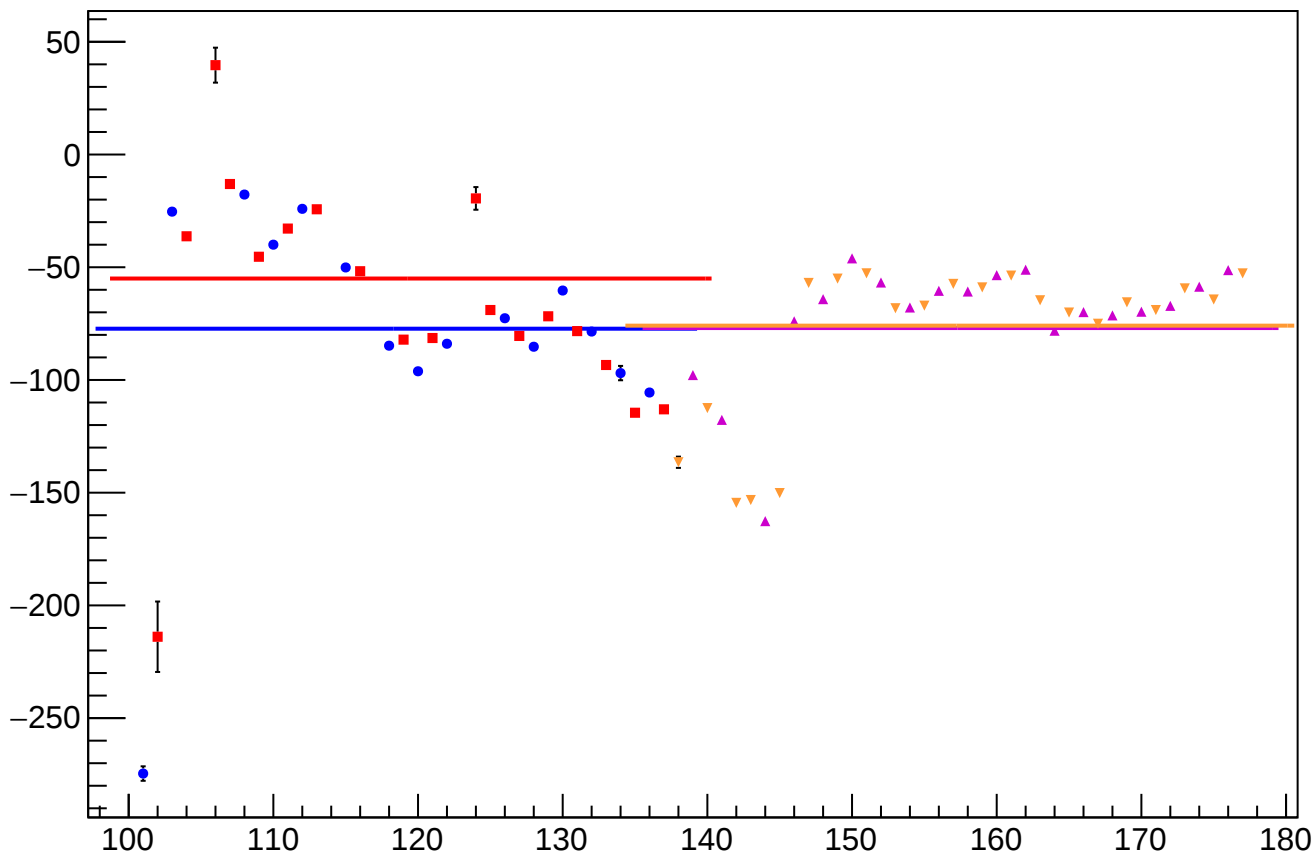
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 130.860 $\pm$ 0.025 χ^2 /NDF:838869.8/33

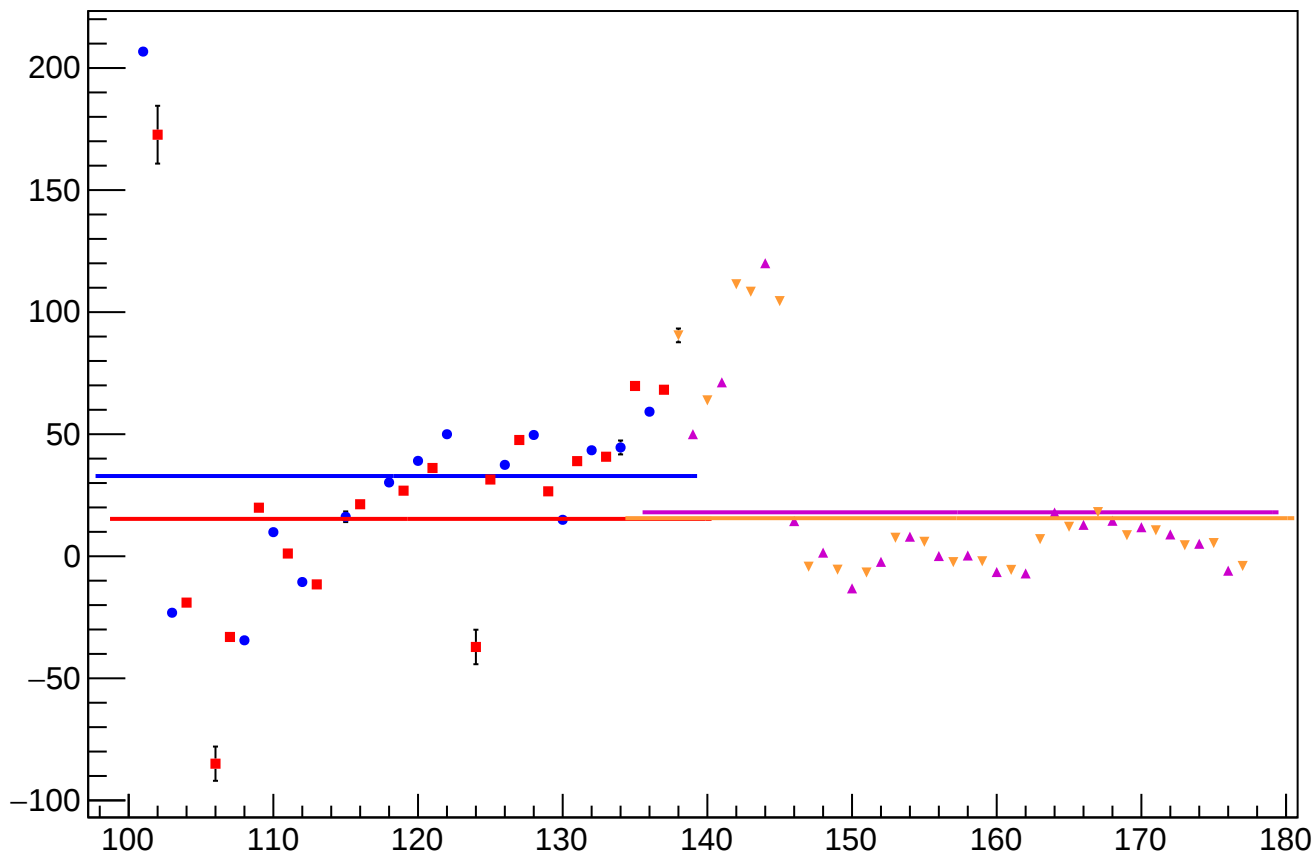
Out: 133.465 $\pm$ 0.020 χ^2 /NDF:1995222.7/38

All: 132.449 $\pm$ 0.016 χ^2 /NDF: 2840485.4/72

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: 18.006 $\pm$ 0.108 χ^2 /NDF:91462.3/18

Left: 16.784 $\pm$ 0.076 χ^2 /NDF: 184728.4/39

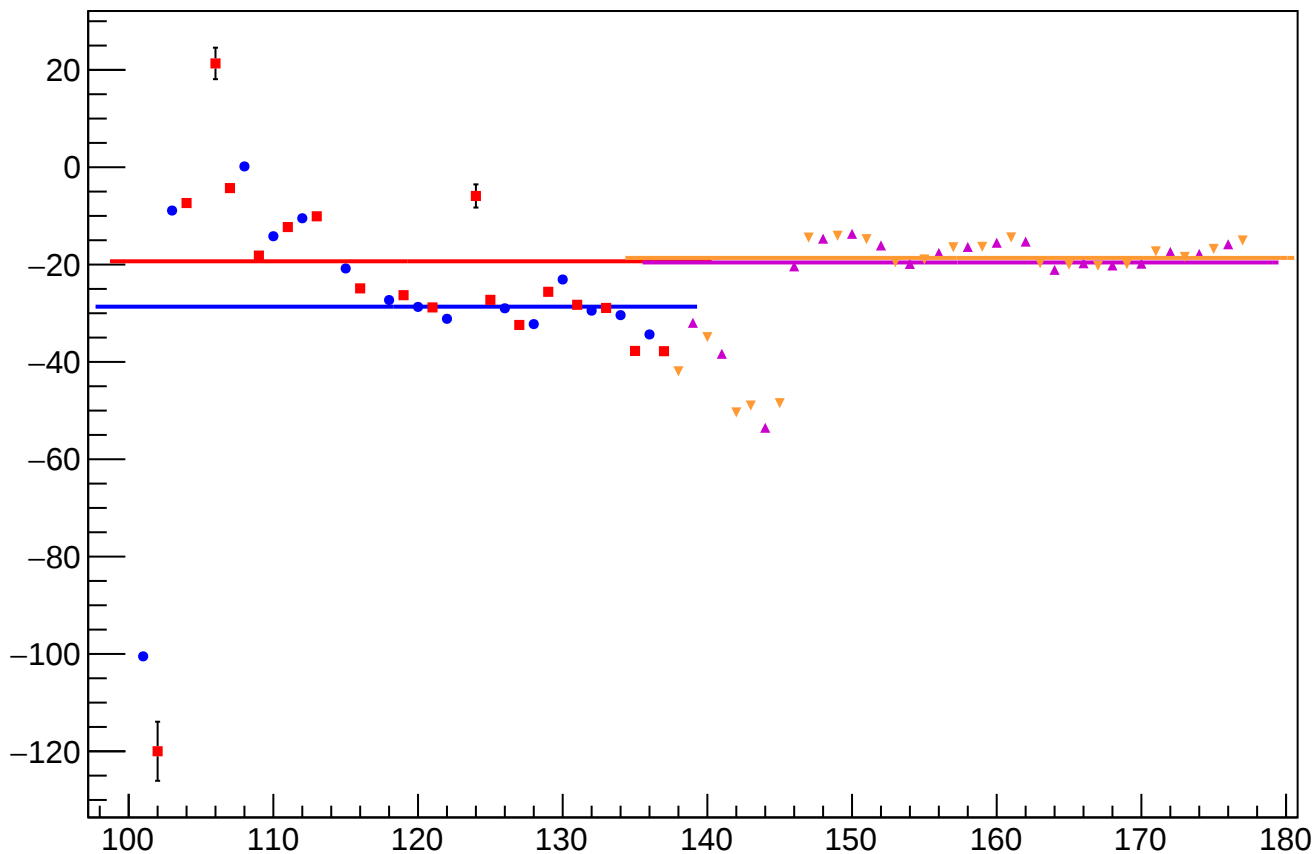
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 23.238 $\pm$ 0.087 χ^2 /NDF:129569.7/33

Out: 15.538 $\pm$ 0.095 χ^2 /NDF:109759.4/38

All: 19.729 $\pm$ 0.064 χ^2 /NDF: 242929.3/72

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: -19.565 ± 0.015 $\chi^2/\text{NDF}: 197224.9/18$

Left: -19.068 ± 0.010 $\chi^2/\text{NDF}: 427092.6/39$

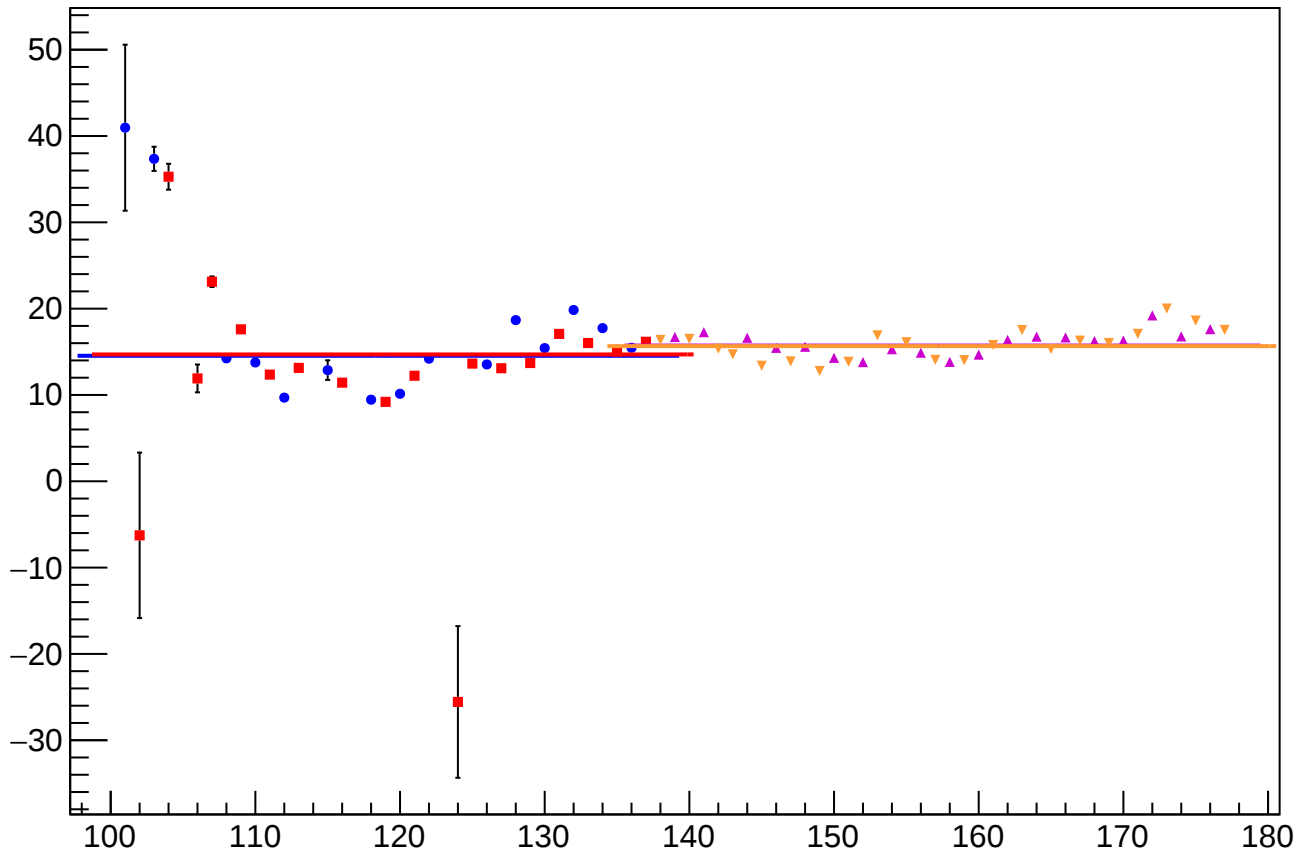
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -21.063 ± 0.014 $\chi^2/\text{NDF}: 369334.5/33$

Out: -18.711 ± 0.013 $\chi^2/\text{NDF}: 284717.5/38$

All: -19.846 ± 0.010 $\chi^2/\text{NDF}: 668843.0/72$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.657 $\pm$ 0.015 χ^2 /NDF:10398.4/20

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.725 $\pm$ 0.014 χ^2 /NDF:7909.6/18

Left: 15.692 $\pm$ 0.010 χ^2 /NDF: 18319.3/39

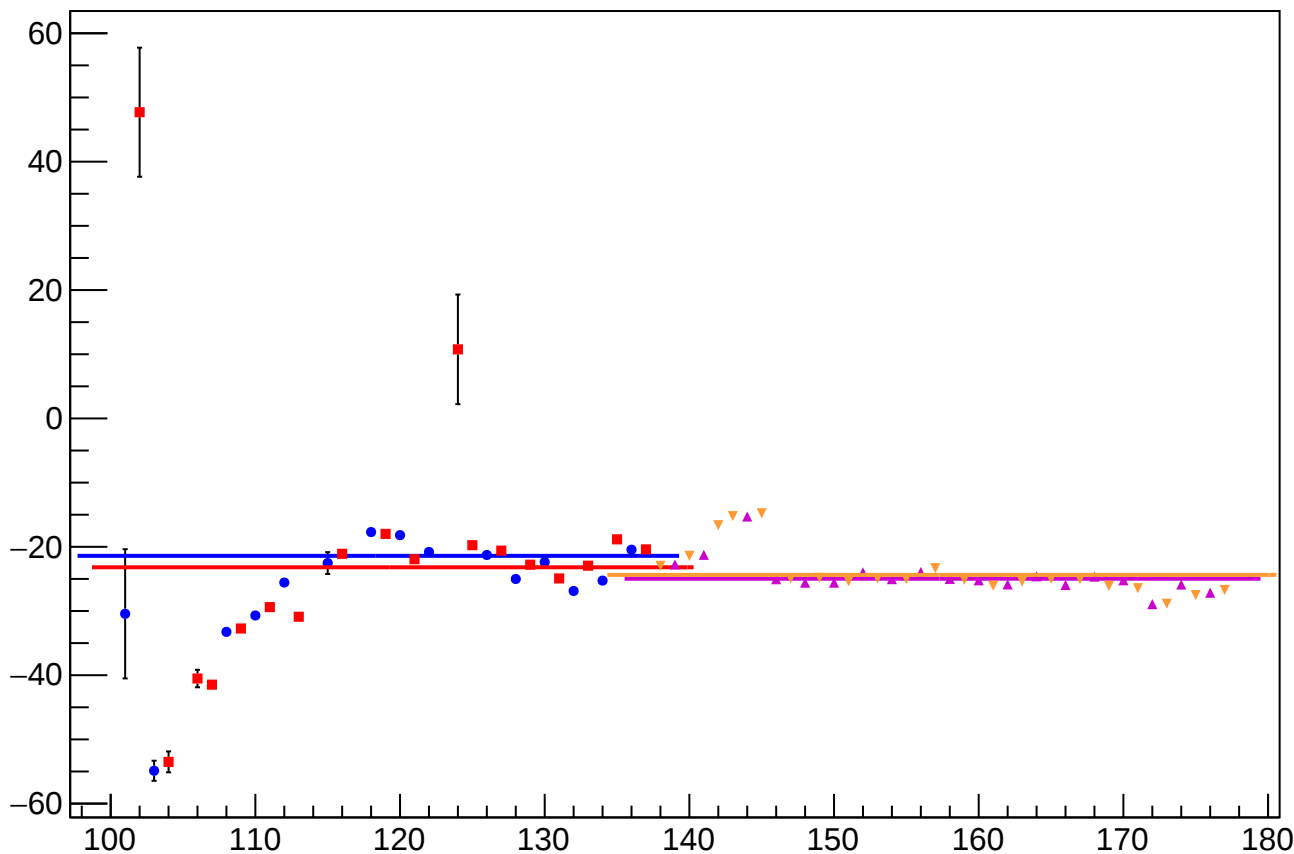
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.505 $\pm$ 0.013 χ^2 /NDF:21271.0/33

Out: 15.559 $\pm$ 0.014 χ^2 /NDF:12470.2/38

All: 15.530 $\pm$ 0.009 χ^2 /NDF: 33749.5/72

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: -24.972 ± 0.017 $\chi^2/\text{NDF}: 12486.2/18$

Left: -24.665 ± 0.012 $\chi^2/\text{NDF}: 54094.3/39$

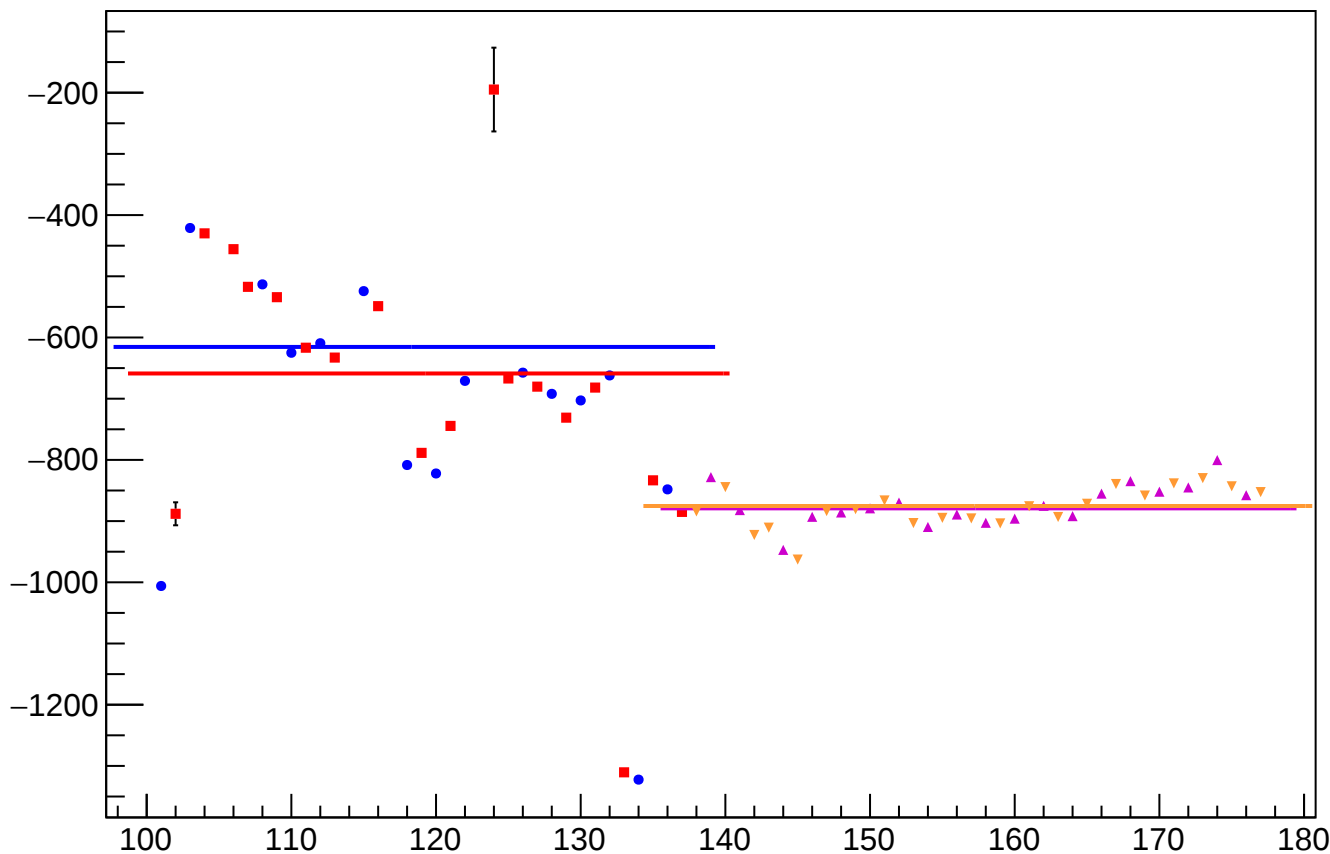
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.293 ± 0.016 $\chi^2/\text{NDF}: 30309.7/33$

Out: -24.257 ± 0.016 $\chi^2/\text{NDF}: 50601.7/38$

All: -24.275 ± 0.011 $\chi^2/\text{NDF}: 80914.1/72$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -875.321 ± 0.136 $\chi^2/\text{NDF}: 41333.1/20$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -879.191 ± 0.133 $\chi^2/\text{NDF}: 44623.0/18$

Left: -877.312 ± 0.095 $\chi^2/\text{NDF}: 86369.7/39$

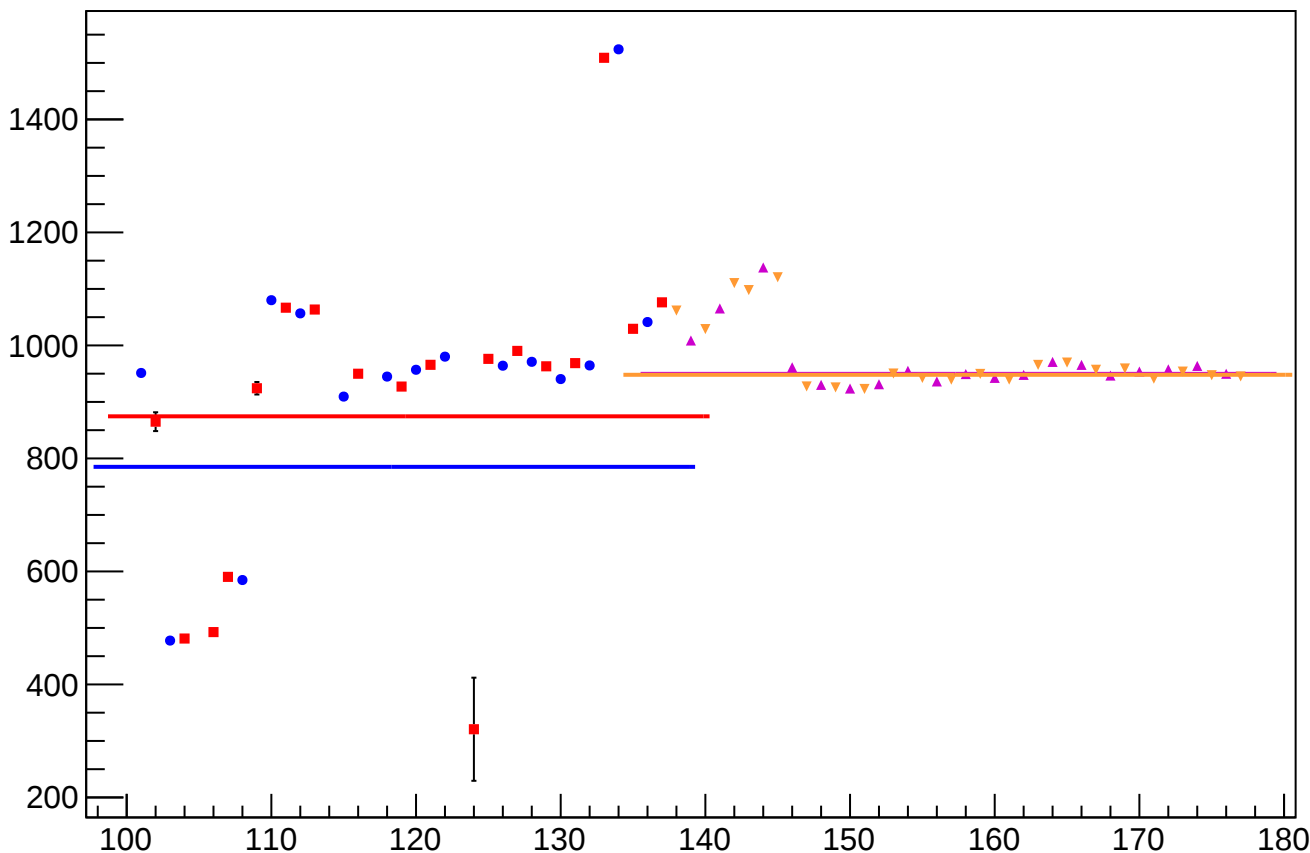
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -816.554 ± 0.116 $\chi^2/\text{NDF}: 1367201.4/33$

Out: -827.487 ± 0.120 $\chi^2/\text{NDF}: 982701.2/38$

All: -821.804 ± 0.083 $\chi^2/\text{NDF}: 2354184.0/72$

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: 949.662 $\pm$ 0.111 χ^2/NDF : 76130.7/18

Left: 948.813 $\pm$ 0.077 χ^2/NDF : 148127.3/39

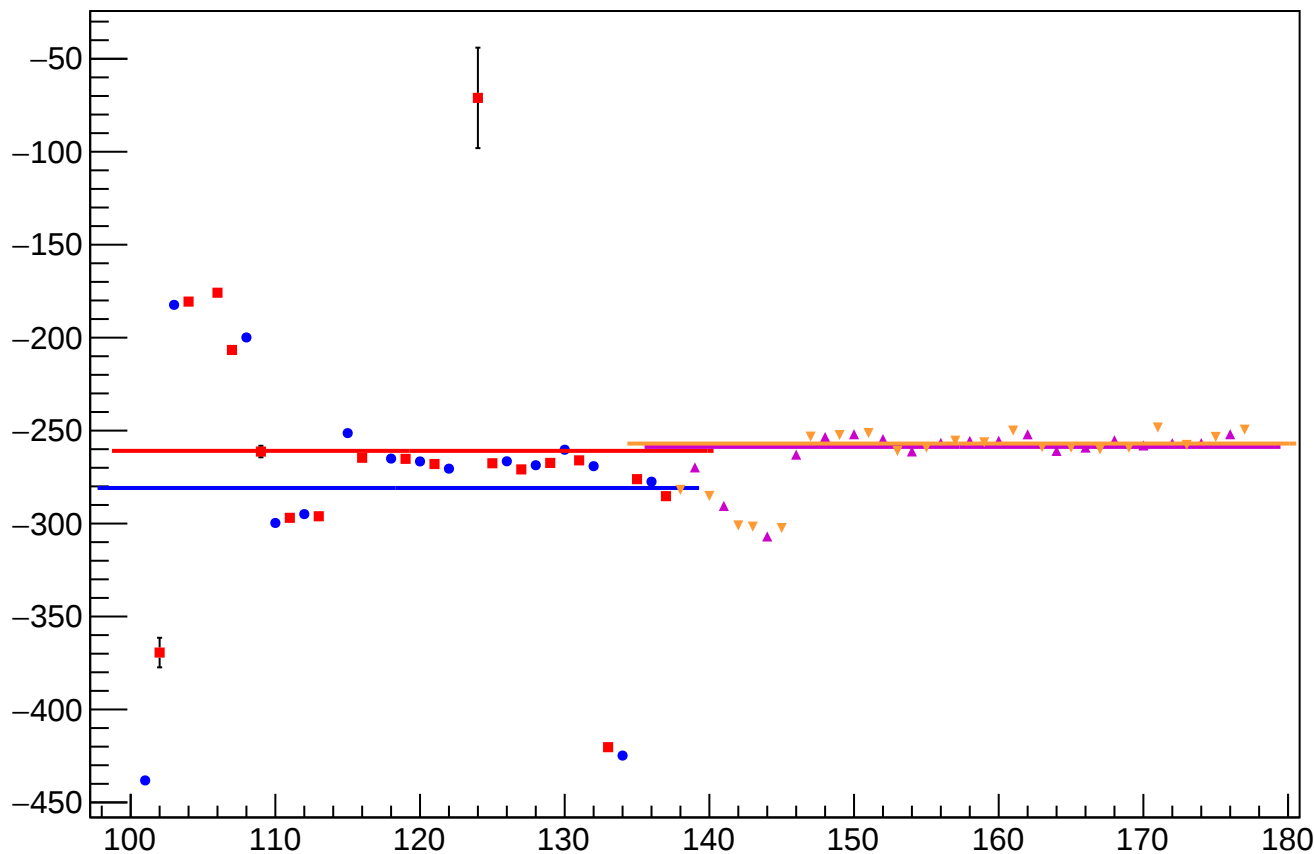
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 918.324 $\pm$ 0.100 χ^2/NDF : 1383902.2/33

Out: 937.498 $\pm$ 0.099 χ^2/NDF : 982273.2/38

All: 927.975 $\pm$ 0.070 χ^2/NDF : 2384861.2/72

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 $\pm$ 0.059 χ^2/NDF : 873611.1/14

Left Out: -256.967 $\pm$ 0.020 χ^2/NDF : 181448.1/20

Right Out: -260.897 $\pm$ 0.068 χ^2/NDF : 347717.5/17

Left In: -258.764 $\pm$ 0.020 χ^2/NDF : 191774.3/18

Left: -257.870 $\pm$ 0.014 χ^2/NDF : 377262.8/39

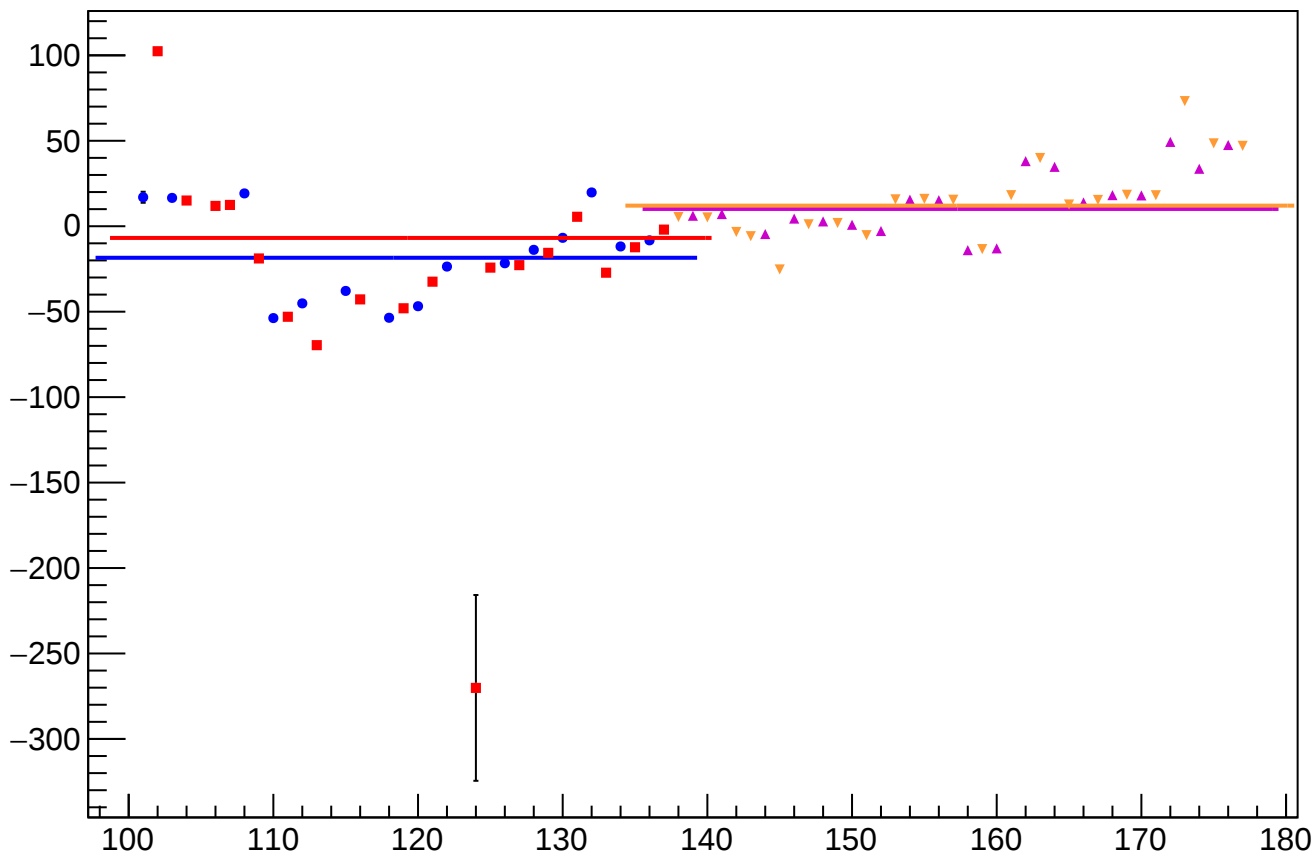
Right: -272.298 $\pm$ 0.044 χ^2/NDF : 1271185.3/32

In: -261.063 $\pm$ 0.019 χ^2/NDF : 1193010.6/33

Out: -257.285 $\pm$ 0.019 χ^2/NDF : 532275.5/38

All: -259.207 $\pm$ 0.013 χ^2/NDF : 1744960.1/72

dit_atr2_4aY_slope vs Slug, Sign Corrected



Left: 11.041 ± 0.014 $\chi^2/\text{NDF} = 1274602.5/39$

Right: -10.715 ± 0.053 $\chi^2/\text{NDF} = 107378.5/32$

In: 8.855 ± 0.019 $\chi^2/\text{NDF} = 837239.6/33$

Out: 10.333 ± 0.019 $\chi^2/\text{NDF} = 700724.6/38$

All: 9.581 ± 0.014 $\chi^2/\text{NDF} = 1540891.2/72$

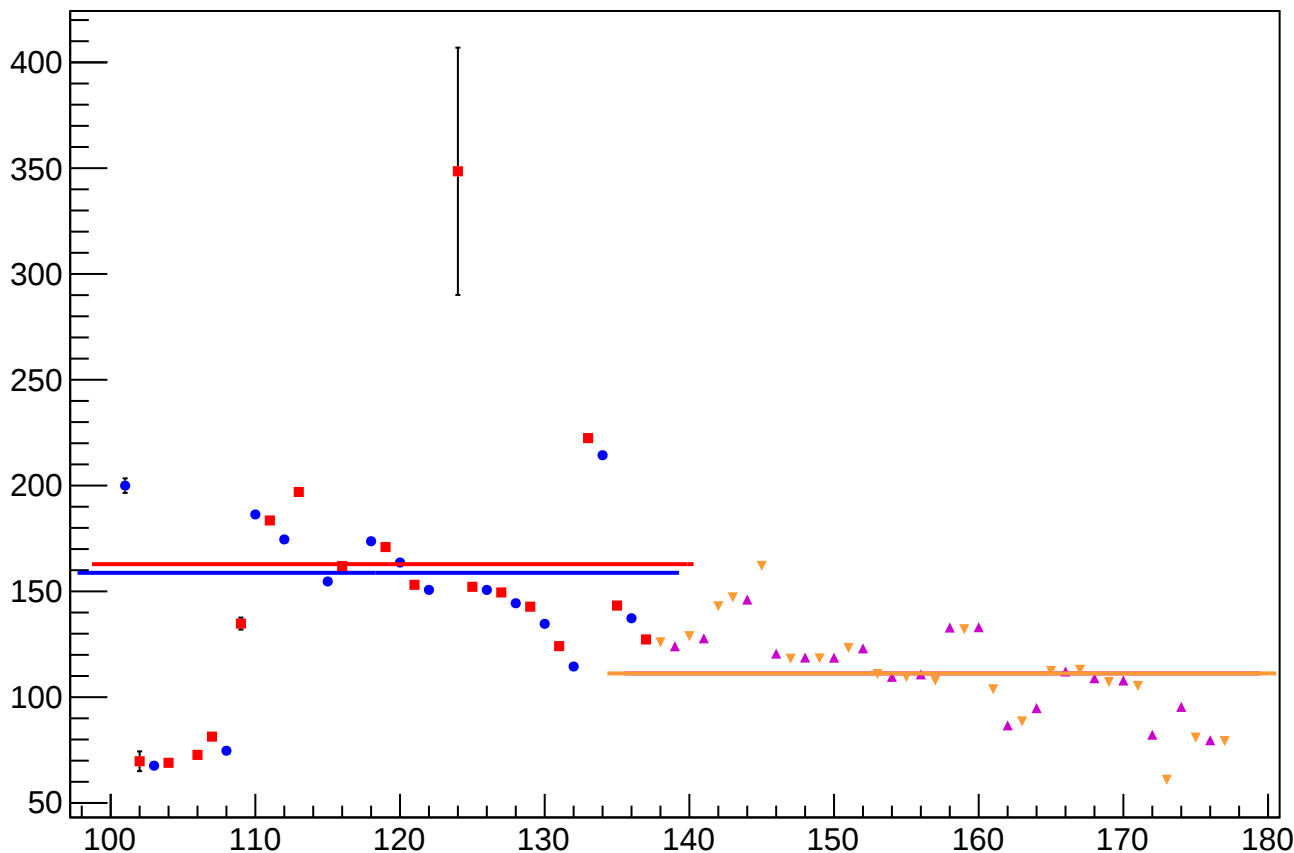
Right In: -18.452 ± 0.091 $\chi^2/\text{NDF} = 46574.6/14$

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: 10.112 ± 0.020 $\chi^2/\text{NDF} = 697034.2/18$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 111.235 $\pm$ 0.024 χ^2 /NDF: 398202.5/20

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 111.235 $\pm$ 0.021 χ^2 /NDF: 480213.7/18

Left: 111.235 $\pm$ 0.016 χ^2 /NDF: 878416.2/39

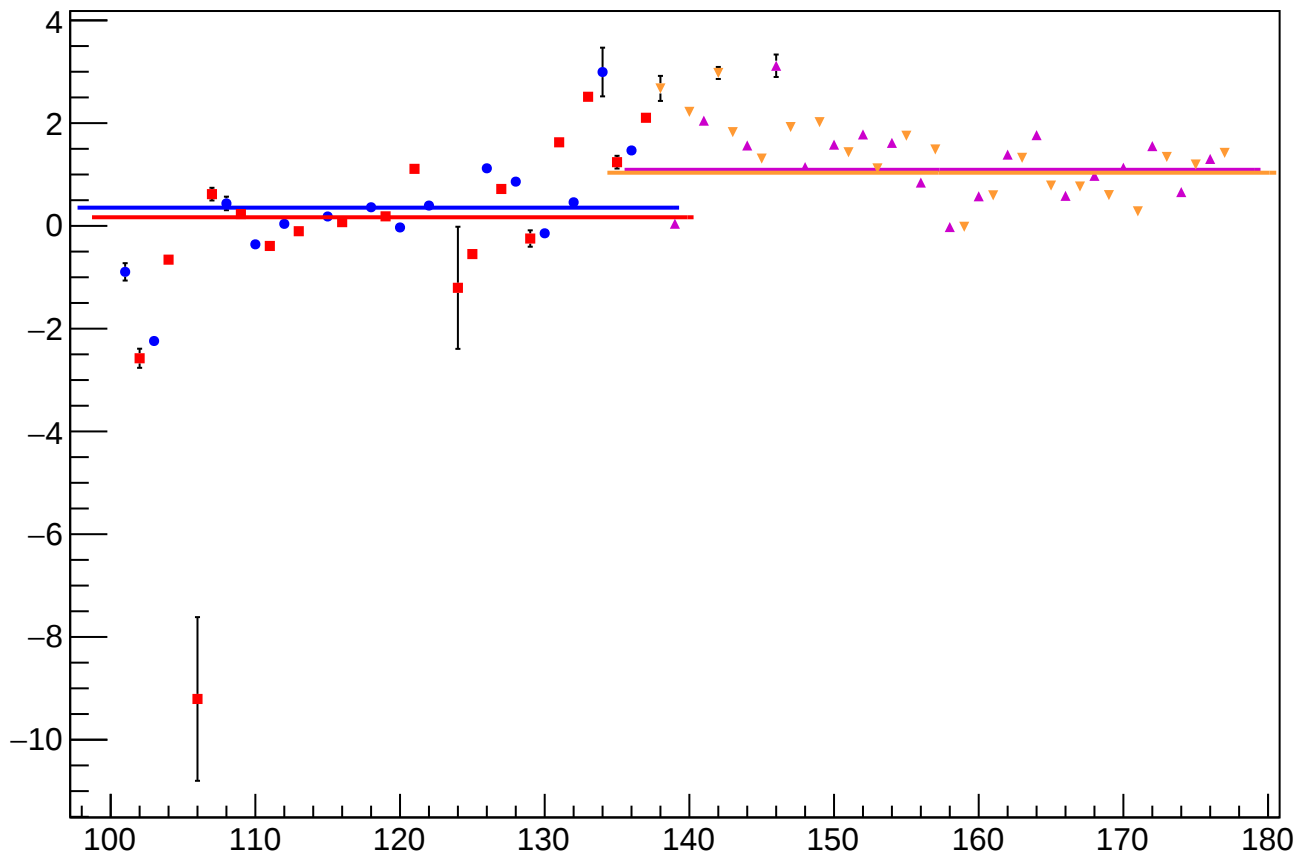
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 113.787 $\pm$ 0.020 χ^2 /NDF: 913442.2/33

Out: 114.464 $\pm$ 0.023 χ^2 /NDF: 841553.9/38

All: 114.081 $\pm$ 0.015 χ^2 /NDF: 1755471.8/72

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.035 ± 0.008 $\chi^2/\text{NDF}: 6057.7/20$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.092 ± 0.007 $\chi^2/\text{NDF}: 7022.0/18$

Left: 1.066 ± 0.005 $\chi^2/\text{NDF}: 13109.9/39$

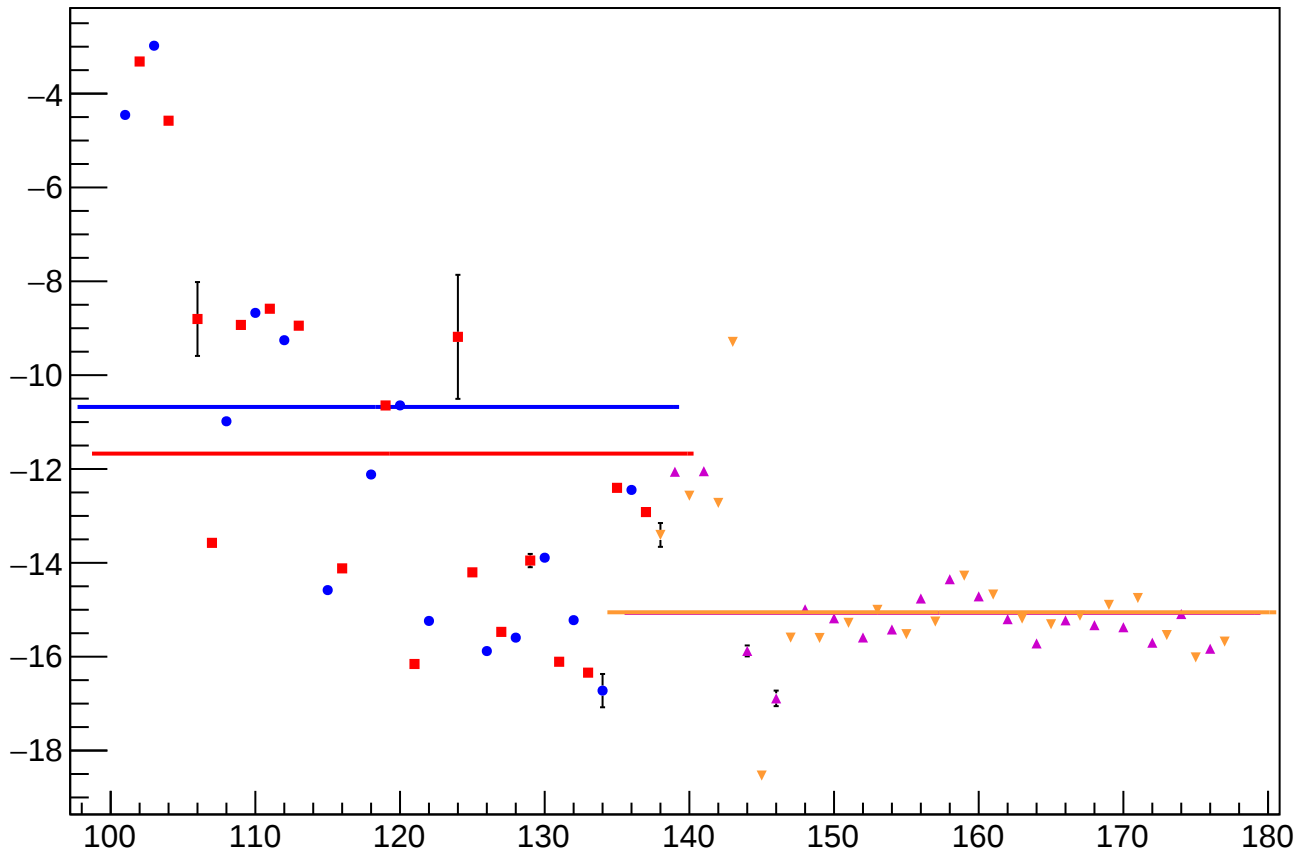
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.903 ± 0.006 $\chi^2/\text{NDF}: 13952.3/33$

Out: 0.598 ± 0.005 $\chi^2/\text{NDF}: 17029.2/38$

All: 0.736 ± 0.004 $\chi^2/\text{NDF}: 32416.5/72$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678±/0.010 χ^2/NDF : 226791.0/14

Left Out: -15.054±/0.006 χ^2/NDF :35431.7/20

Right Out: -11.672±/0.012 χ^2/NDF : 107844.6/17

Left In: -15.067±/0.006 χ^2/NDF :13694.5/18

Left: -15.061±/0.004 χ^2/NDF : 49128.4/39

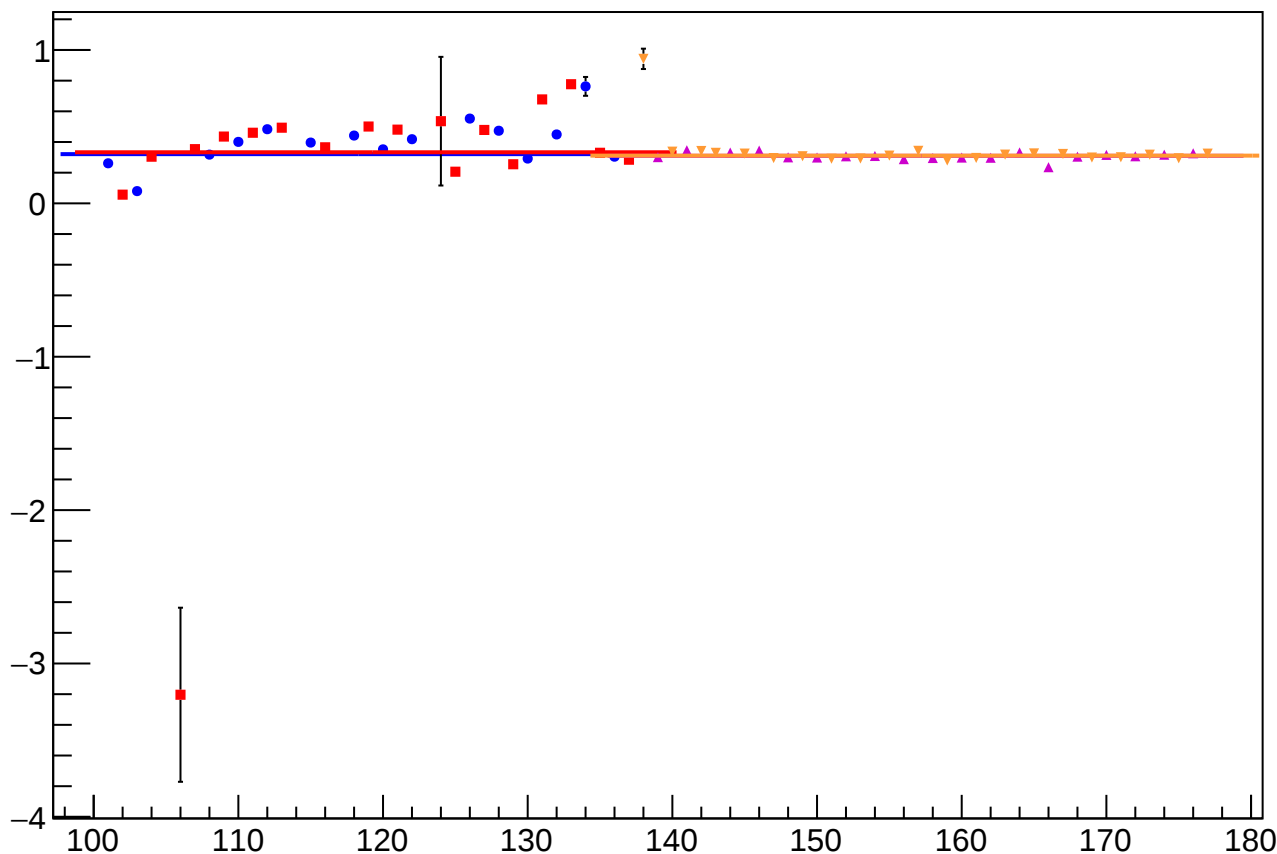
Right: -11.113±/0.008 χ^2/NDF : 338735.1/32

In: -13.911±/0.005 χ^2/NDF :374834.2/33

Out: -14.294±/0.006 χ^2/NDF :208708.7/38

All: -14.094±/0.004 χ^2/NDF : 586052.5/72

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: 0.310+/-0.000 χ^2/NDF :2913.3/18

Left: 0.311+/-0.000 χ^2/NDF : 8036.0/39

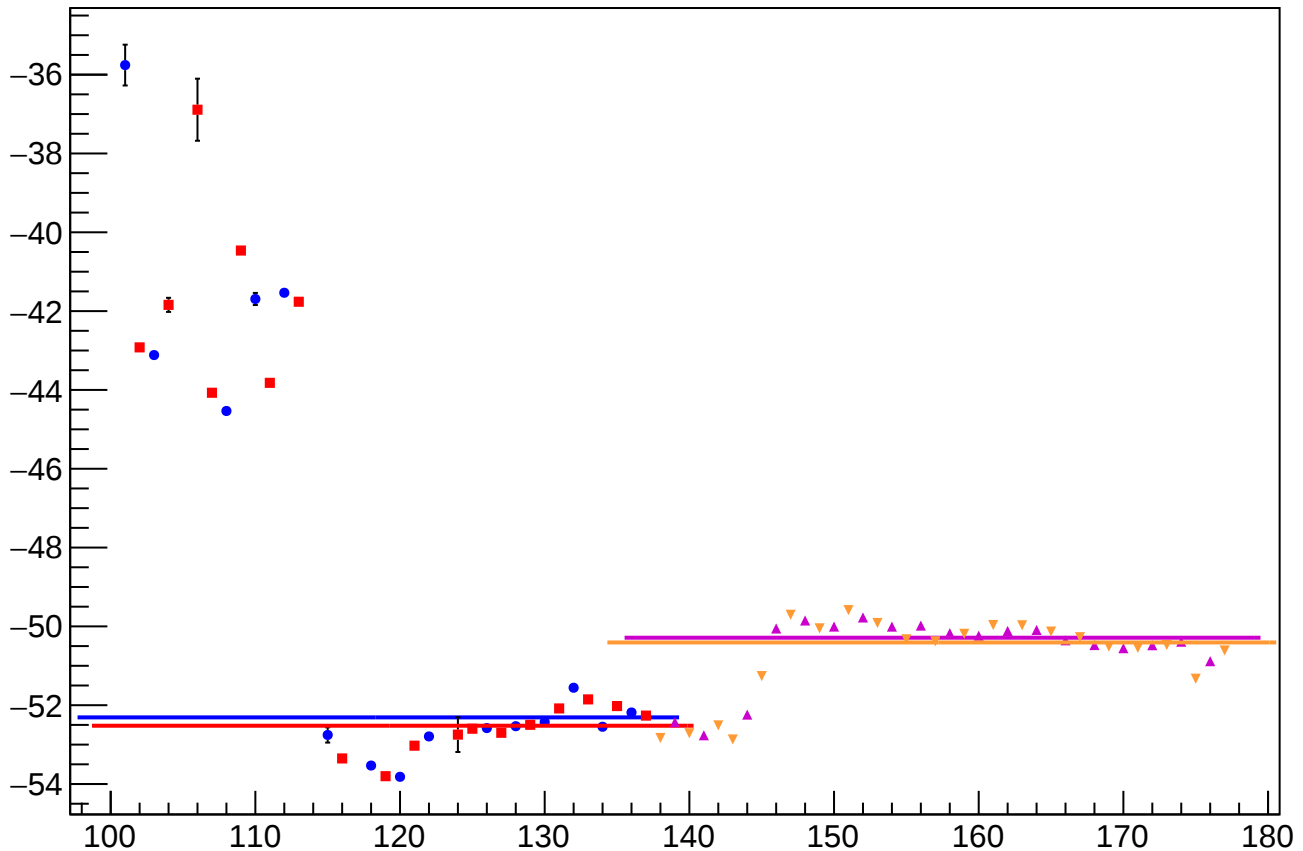
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.311+/-0.000 χ^2/NDF :7062.4/33

Out: 0.312+/-0.000 χ^2/NDF :9572.3/38

All: 0.311+/-0.000 χ^2/NDF : 16651.9/72

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.408 $\pm$ 0.002 χ^2 /NDF: 231476.0/20

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.287 $\pm$ 0.001 χ^2 /NDF: 166631.0/18

Left: -50.338 $\pm$ 0.001 χ^2 /NDF: 401718.2/39

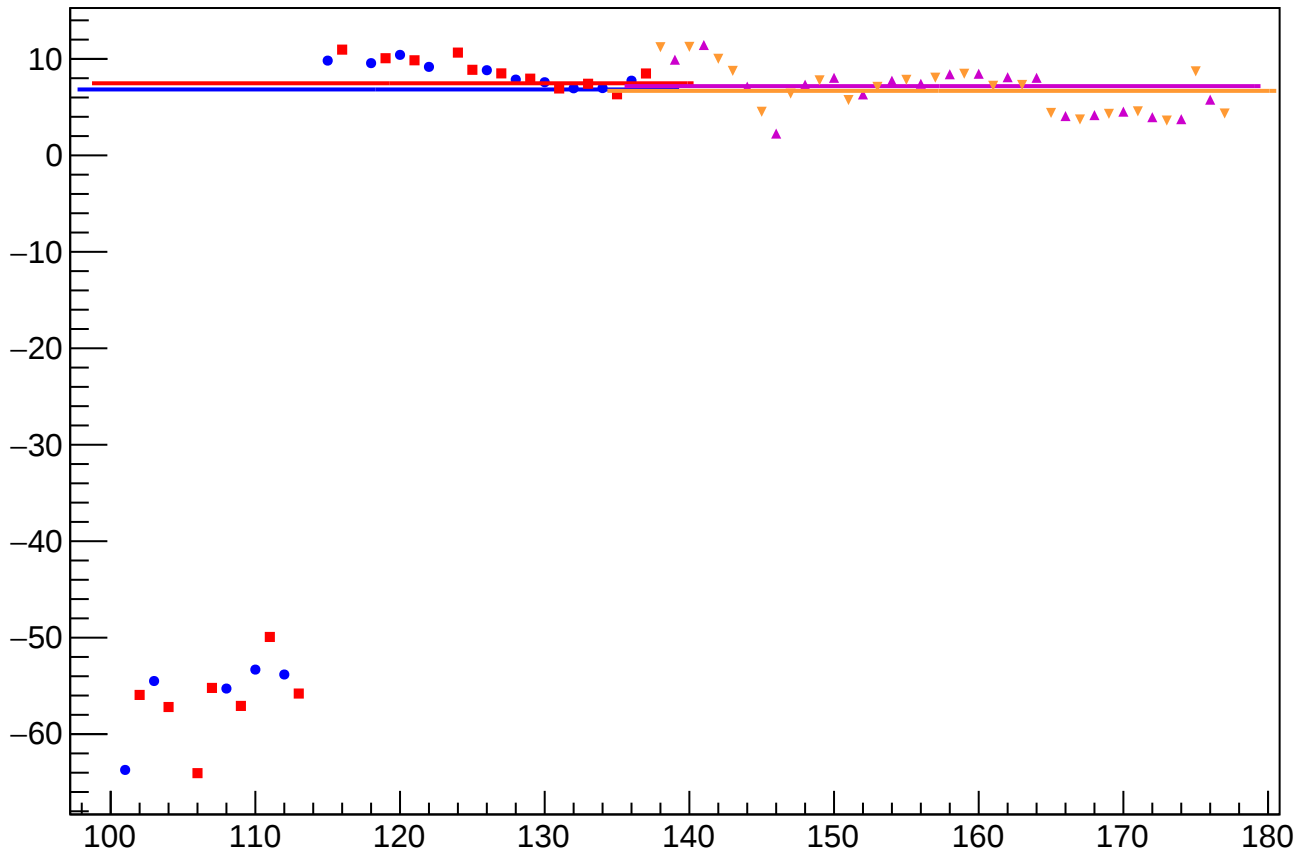
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.450 $\pm$ 0.001 χ^2 /NDF: 413025.9/33

Out: -50.616 $\pm$ 0.001 χ^2 /NDF: 497860.8/38

All: -50.521 $\pm$ 0.001 χ^2 /NDF: 918456.6/72

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: 7.180 ± 0.003 $\chi^2/\text{NDF}: 197415.0/18$

Left: 6.952 ± 0.003 $\chi^2/\text{NDF}: 525771.2/39$

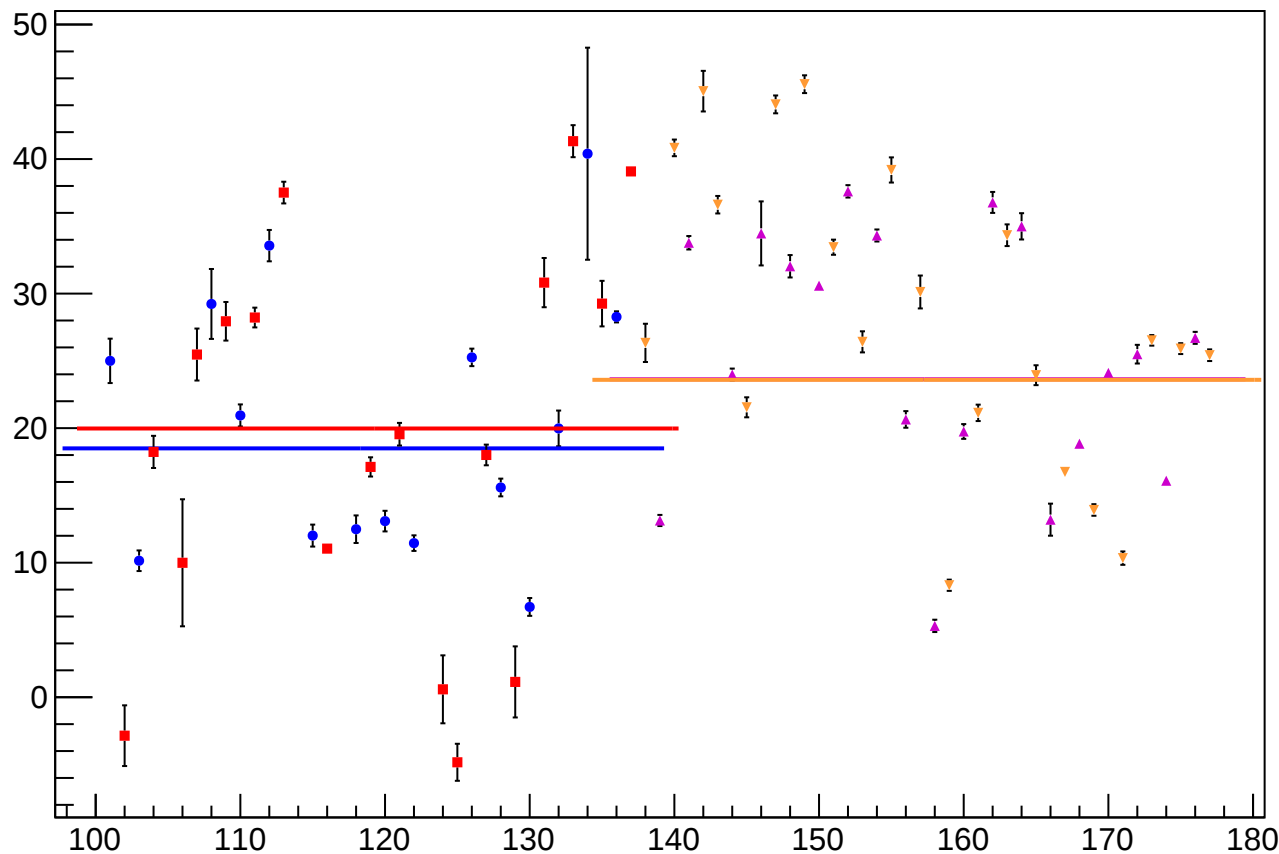
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.069 ± 0.003 $\chi^2/\text{NDF}: 1191166.3/33$

Out: 6.798 ± 0.003 $\chi^2/\text{NDF}: 1520752.8/38$

All: 6.959 ± 0.002 $\chi^2/\text{NDF}: 2715535.5/72$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 23.591 $\pm$ 0.118 χ^2 /NDF: 7592.3/20

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 23.635 $\pm$ 0.106 χ^2 /NDF: 6162.8/18

Left: 23.615 $\pm$ 0.079 χ^2 /NDF: 13755.2/39

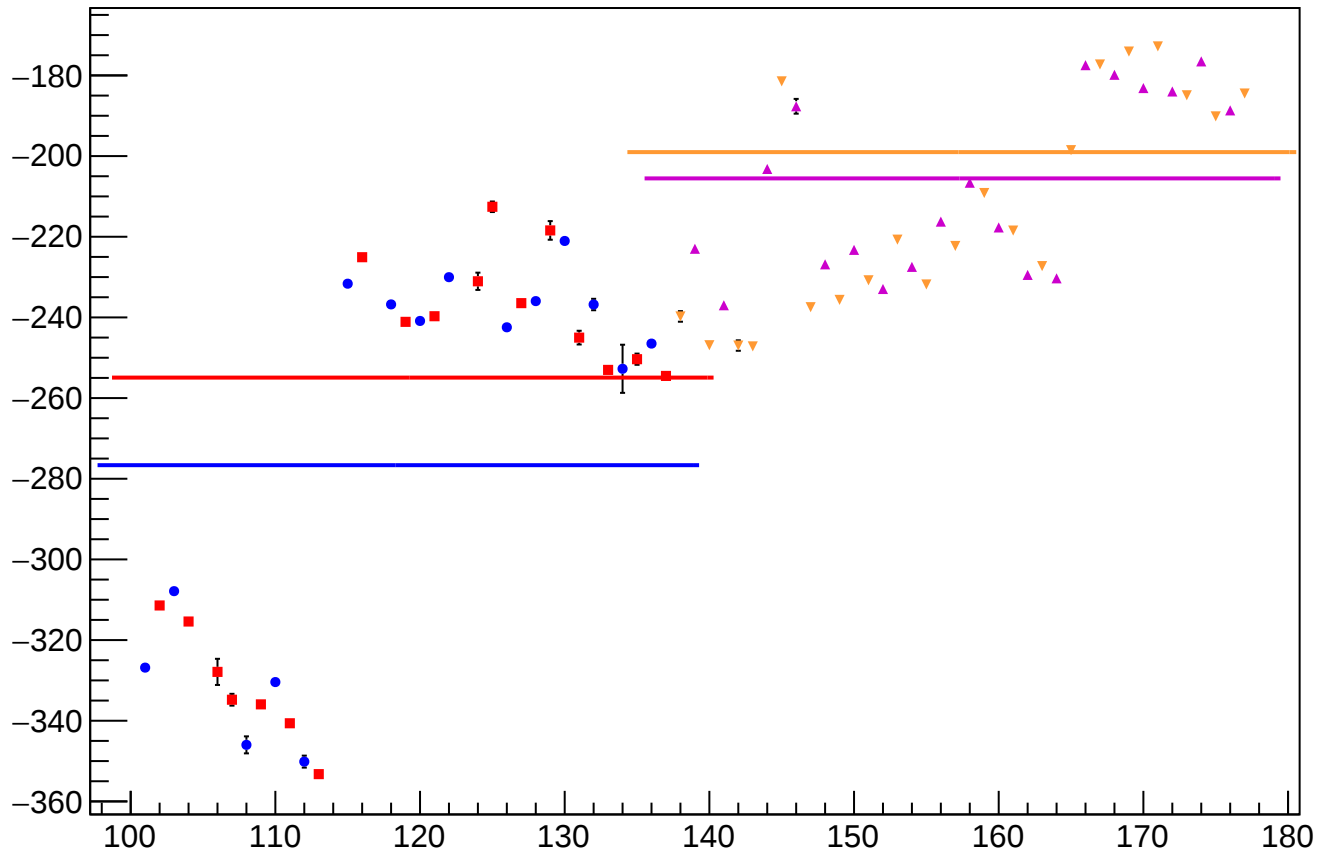
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.511 $\pm$ 0.094 χ^2 /NDF: 8315.1/33

Out: 21.965 $\pm$ 0.087 χ^2 /NDF: 17218.7/38

All: 22.219 $\pm$ 0.064 χ^2 /NDF: 25552.0/72

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -199.015 ± 0.098 χ^2/NDF : 64498.1/20

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -205.534 ± 0.093 χ^2/NDF : 55383.9/18

Left: -202.433 ± 0.067 χ^2/NDF : 122217.1/39

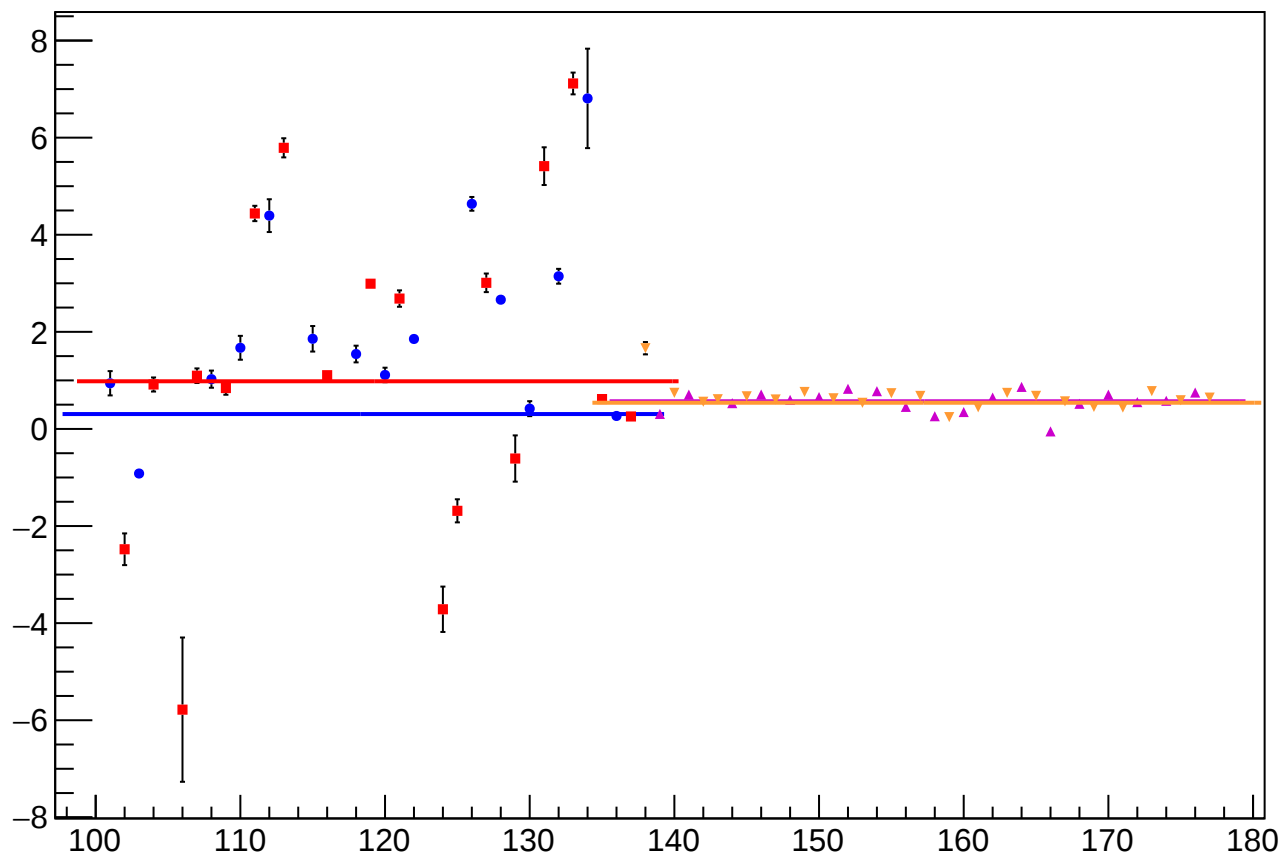
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -225.761 ± 0.079 χ^2/NDF : 298671.7/33

Out: -235.515 ± 0.058 χ^2/NDF : 350286.1/38

All: -232.116 ± 0.046 χ^2/NDF : 658967.7/72

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: 0.570 $\pm$ 0.002 χ^2/NDF :15641.5/18

Left: 0.557 $\pm$ 0.001 χ^2/NDF : 25639.0/39

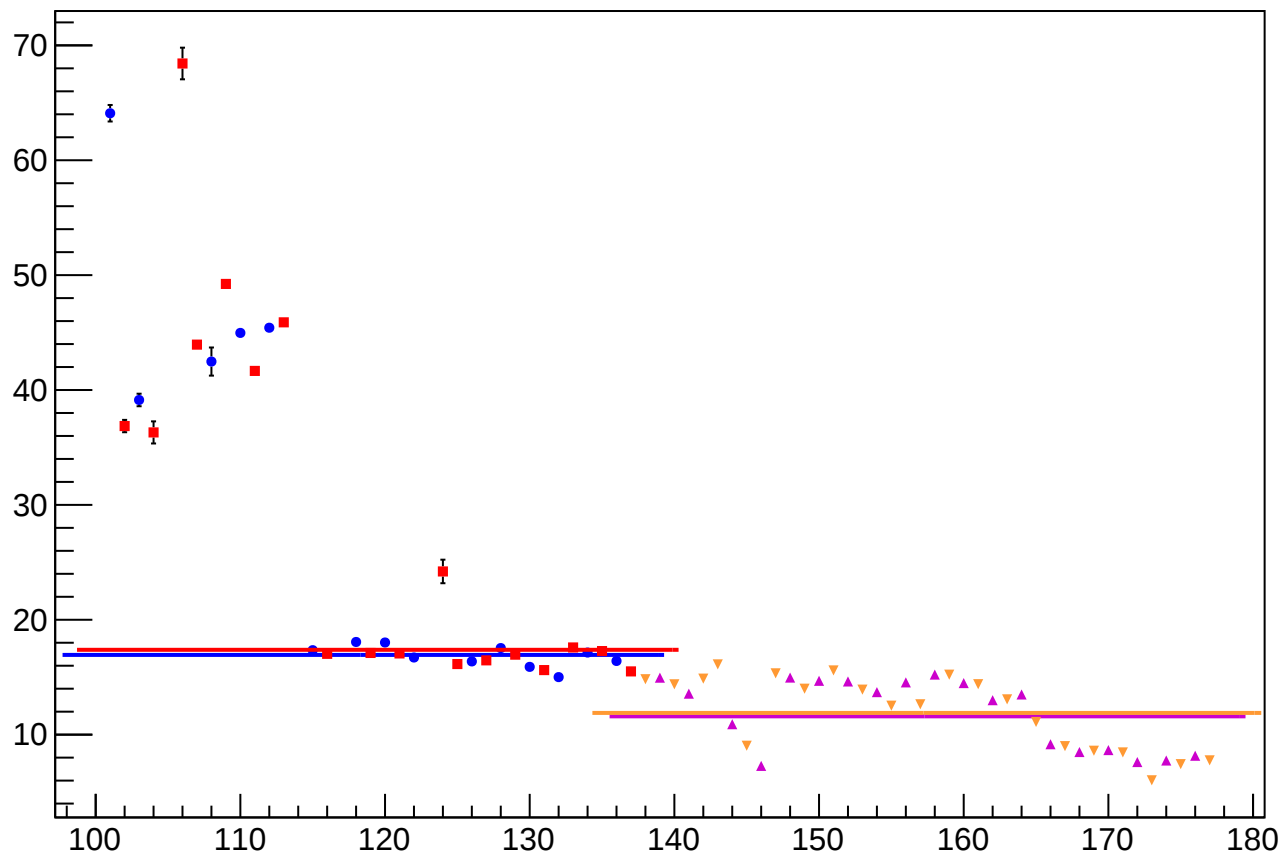
Right: 0.421 $\pm$ 0.006 χ^2/NDF : 7919.2/32

In: 0.555 $\pm$ 0.002 χ^2/NDF :19915.2/33

Out: 0.547 $\pm$ 0.002 χ^2/NDF :14114.4/38

All: 0.552 $\pm$ 0.001 χ^2/NDF : 34042.7/72

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 11.891 ± 0.008 $\chi^2/\text{NDF}: 202596.2/20$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 11.594 ± 0.007 $\chi^2/\text{NDF}: 191168.0/18$

Left: 11.735 ± 0.005 $\chi^2/\text{NDF}: 394593.3/39$

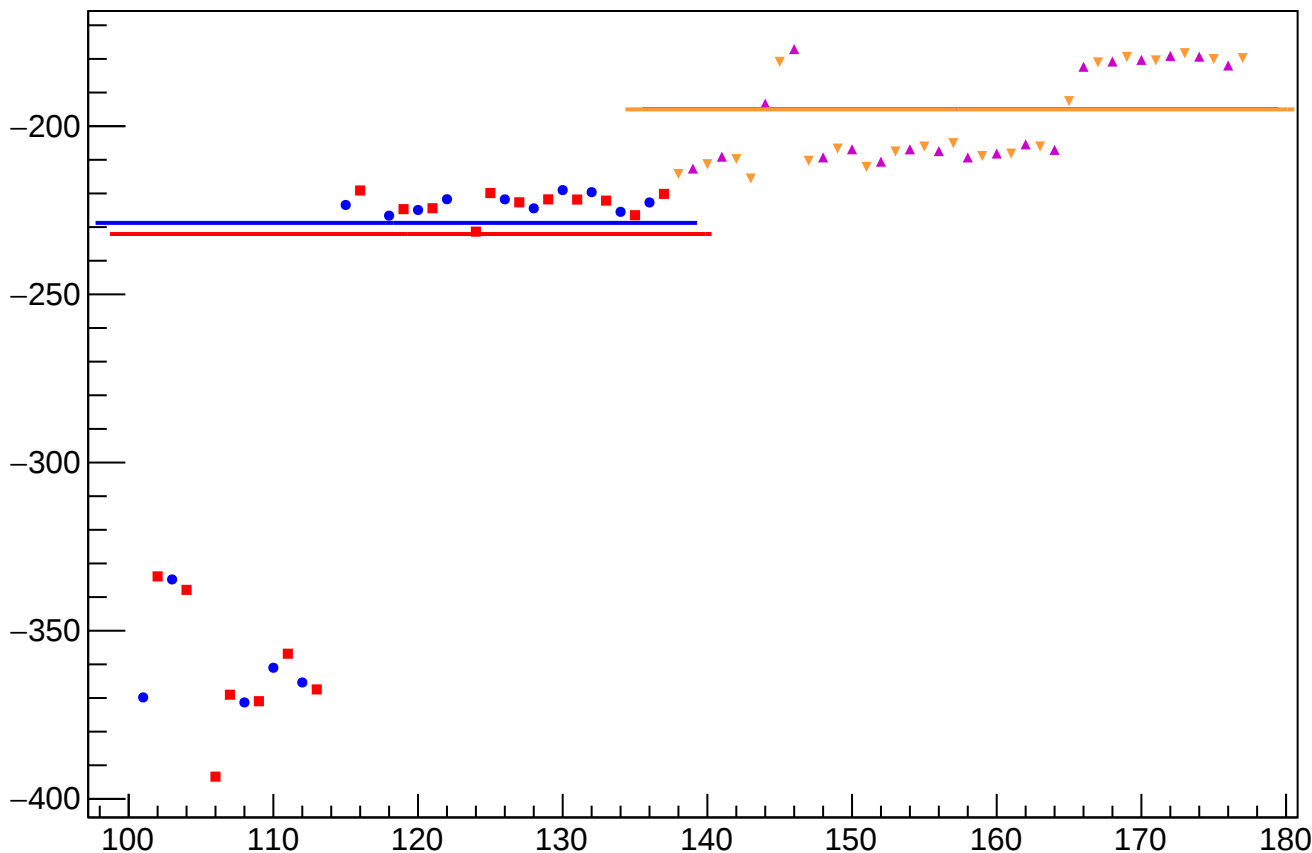
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 12.848 ± 0.006 $\chi^2/\text{NDF}: 352343.0/33$

Out: 12.737 ± 0.007 $\chi^2/\text{NDF}: 346263.0/38$

All: 12.798 ± 0.005 $\chi^2/\text{NDF}: 698748.4/72$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 χ^2/NDF : 657578.5/14

Left Out: -195.004 ± 0.014 χ^2/NDF : 1134289.4/20

Right Out: -232.058 ± 0.041 χ^2/NDF : 791526.5/17

Left In: -194.901 ± 0.013 χ^2/NDF : 1173092.8/18

Left: -194.949 ± 0.009 χ^2/NDF : 2307412.0/39

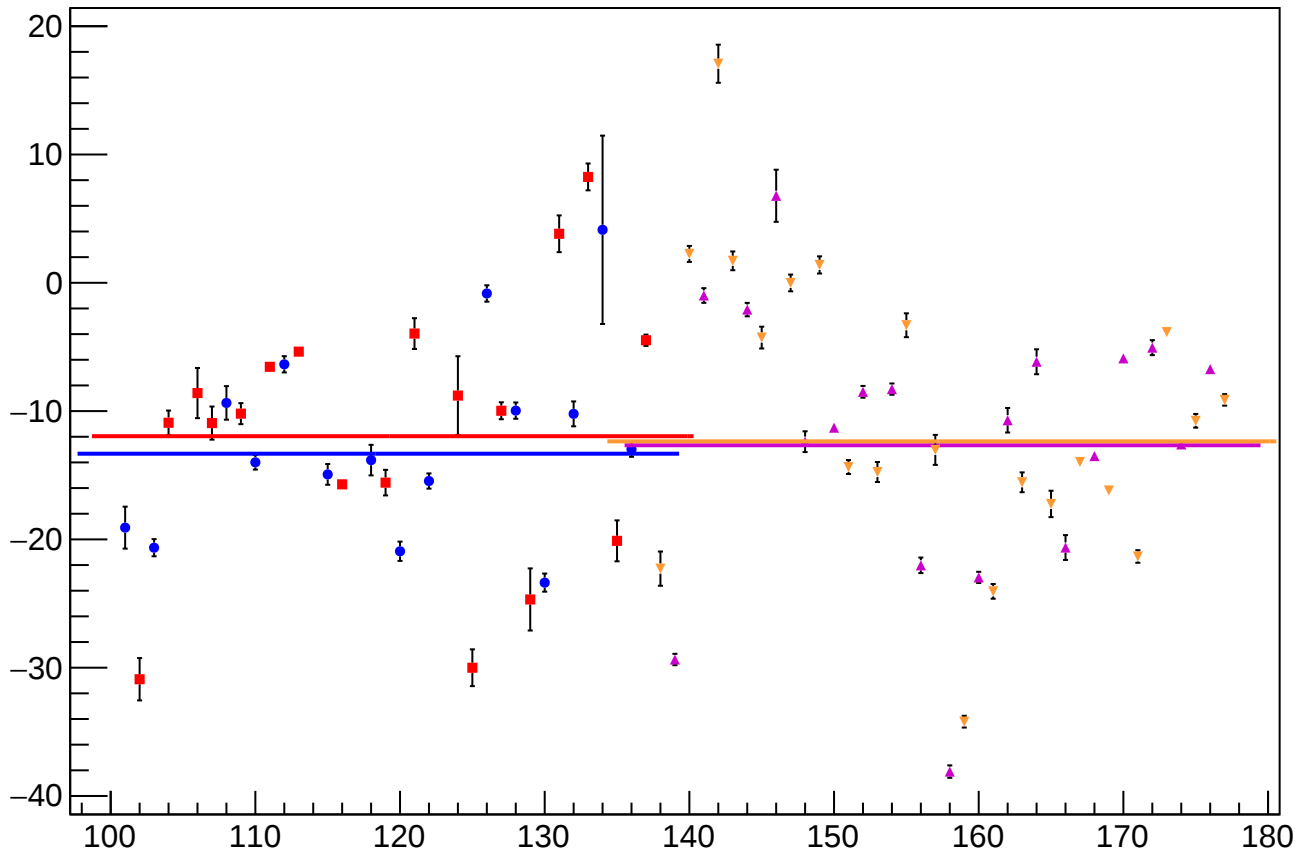
Right: -230.117 ± 0.027 χ^2/NDF : 1452870.5/32

In: -198.995 ± 0.012 χ^2/NDF : 2667850.3/33

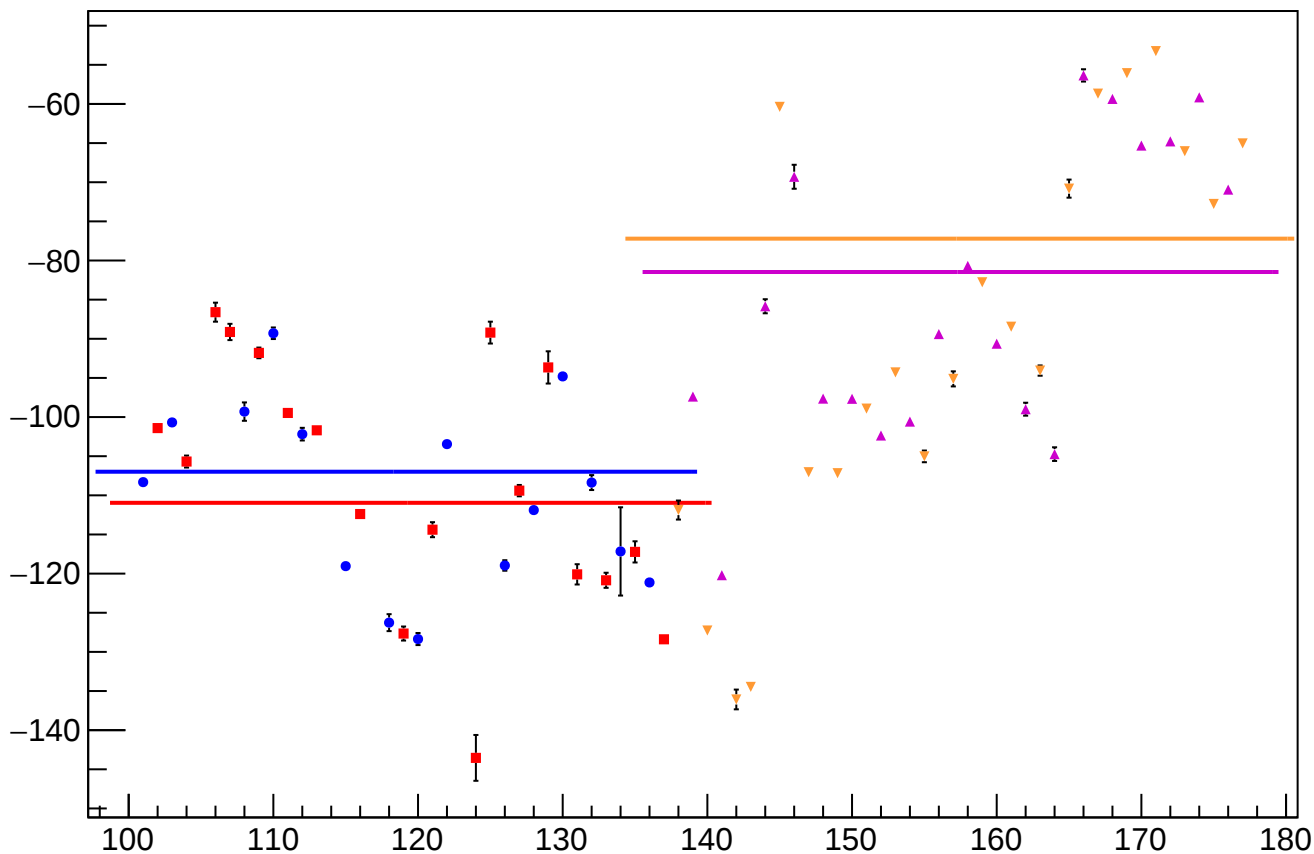
Out: -198.738 ± 0.013 χ^2/NDF : 2649608.5/38

All: -198.877 ± 0.009 χ^2/NDF : 5317666.9/72

dit_sam3_4aX_slope vs Slug, Sign Corrected



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: -81.468 ± 0.091 $\chi^2/\text{NDF}: 41633.0/18$

Left: -79.489 ± 0.067 $\chi^2/\text{NDF}: 95659.3/39$

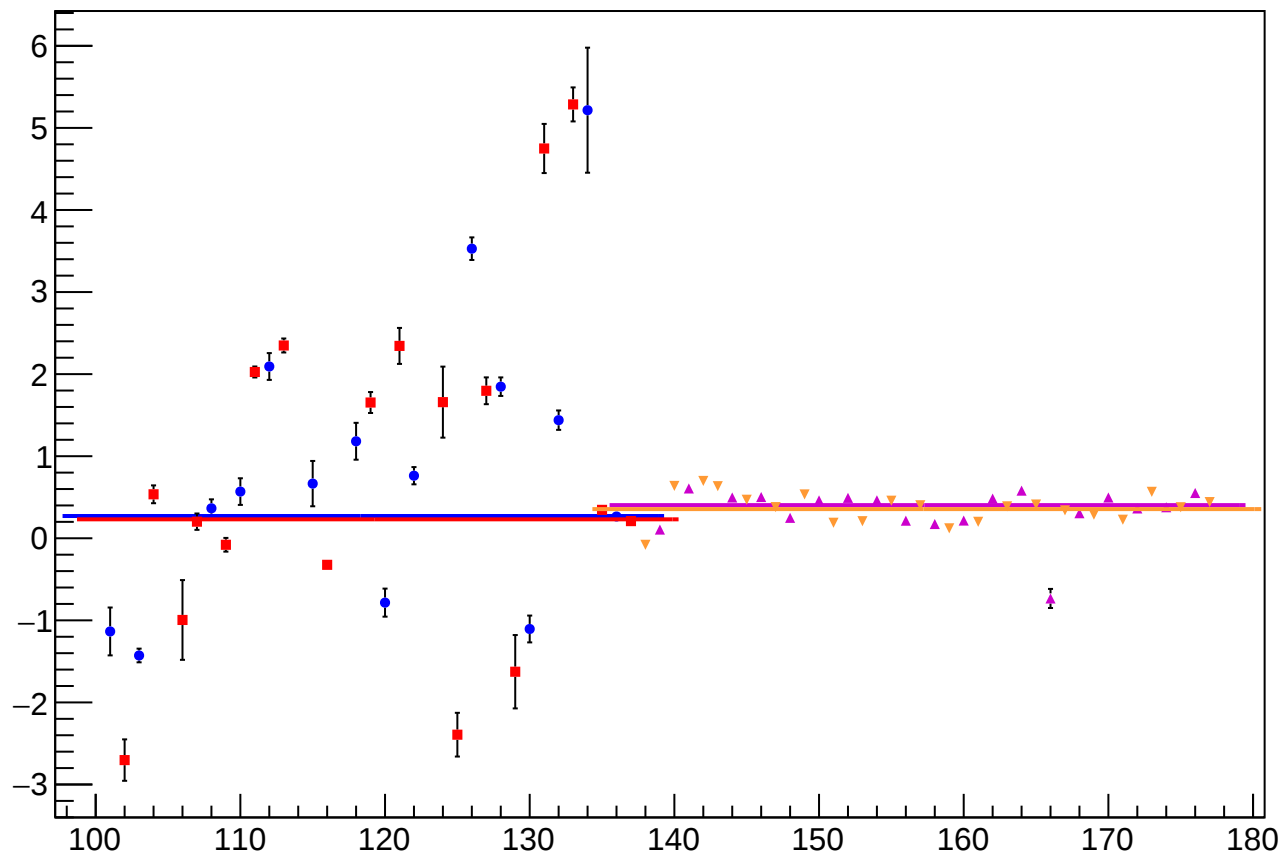
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -91.885 ± 0.070 $\chi^2/\text{NDF}: 78114.2/33$

Out: -103.956 ± 0.045 $\chi^2/\text{NDF}: 157481.0/38$

All: -100.483 ± 0.038 $\chi^2/\text{NDF}: 256595.8/72$

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: 0.404 ± 0.002 $\chi^2/\text{NDF}: 9458.4/18$

Left: 0.383 ± 0.001 $\chi^2/\text{NDF}: 18959.6/39$

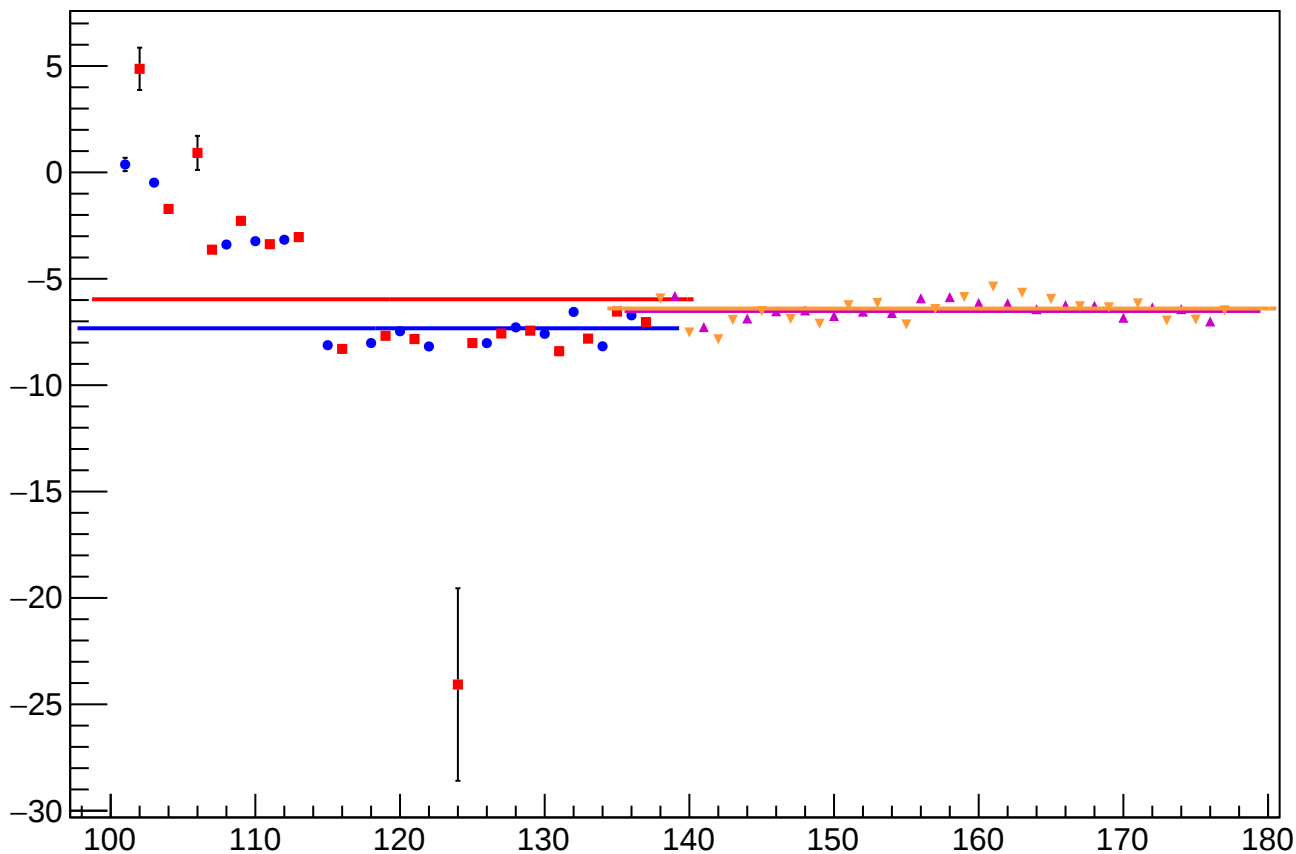
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.394 ± 0.001 $\chi^2/\text{NDF}: 11644.3/33$

Out: 0.338 ± 0.002 $\chi^2/\text{NDF}: 12674.0/38$

All: 0.369 ± 0.001 $\chi^2/\text{NDF}: 24939.6/72$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 χ^2/NDF : 30494.2/14

Left Out: -6.398 ± 0.005 χ^2/NDF : 6526.0/20

Right Out: -5.964 ± 0.009 χ^2/NDF : 71807.1/17

Left In: -6.512 ± 0.005 χ^2/NDF : 6699.7/18

Left: -6.458 ± 0.003 χ^2/NDF : 13501.5/39

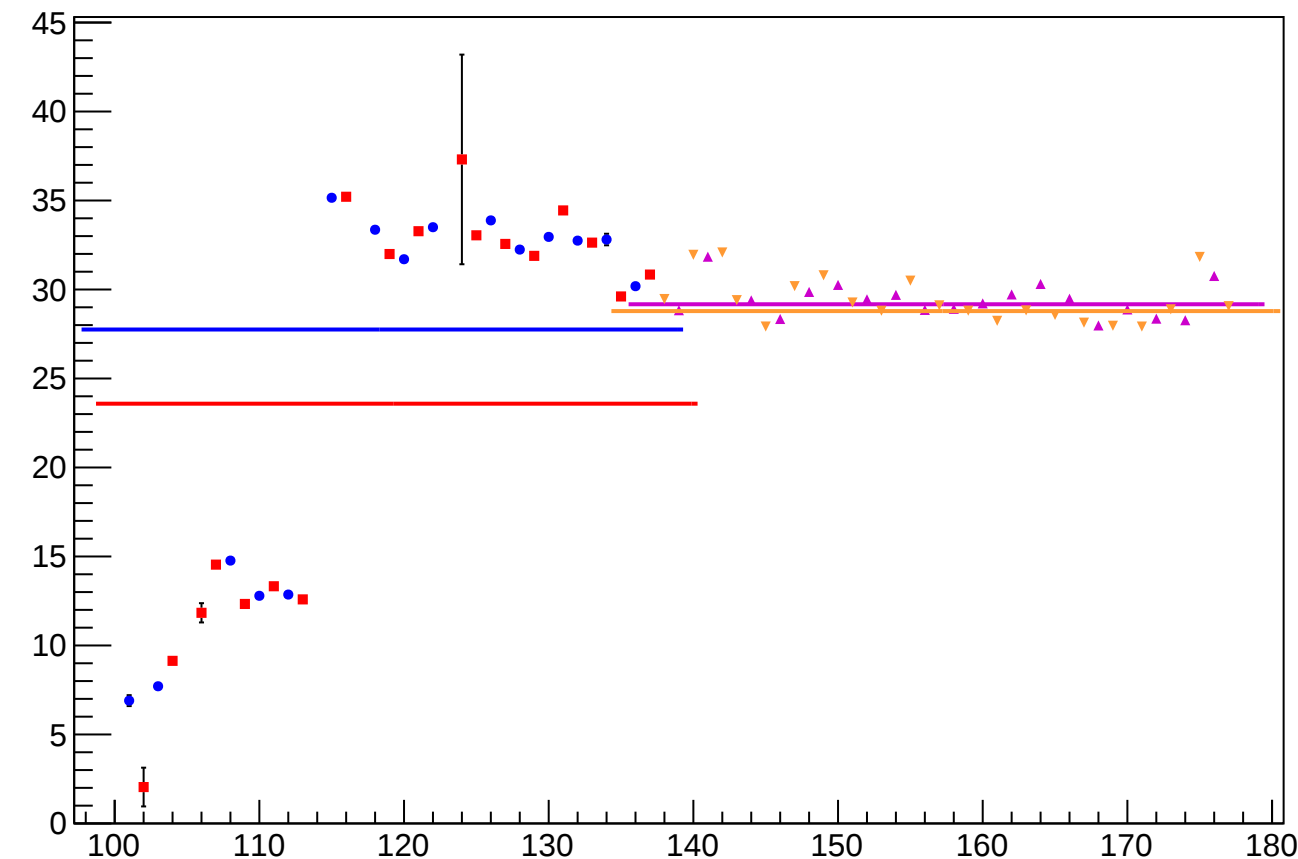
Right: -6.677 ± 0.006 χ^2/NDF : 114918.0/32

In: -6.707 ± 0.004 χ^2/NDF : 44384.7/33

Out: -6.291 ± 0.004 χ^2/NDF : 80177.3/38

All: -6.511 ± 0.003 χ^2/NDF : 129406.0/72

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 ± 0.015 $\chi^2/\text{NDF}: 332926.6/14$

Left Out: 28.787 ± 0.009 $\chi^2/\text{NDF}: 14290.1/20$

Right Out: 23.585 ± 0.014 $\chi^2/\text{NDF}: 539616.2/17$

Left In: 29.171 ± 0.009 $\chi^2/\text{NDF}: 7866.4/18$

Left: 28.984 ± 0.006 $\chi^2/\text{NDF}: 23127.2/39$

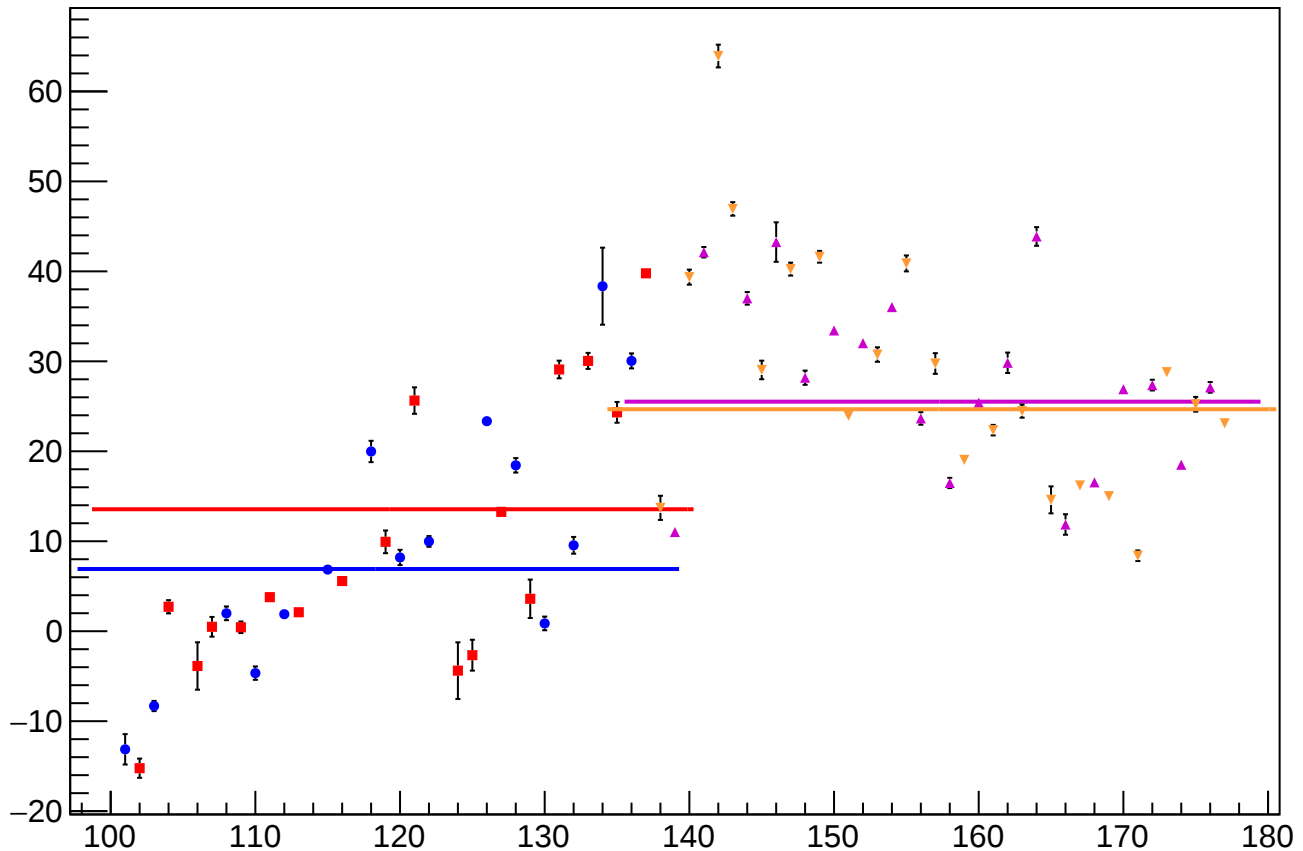
Right: 25.477 ± 0.010 $\chi^2/\text{NDF}: 914478.1/32$

In: 28.821 ± 0.007 $\chi^2/\text{NDF}: 347503.2/33$

Out: 27.265 ± 0.007 $\chi^2/\text{NDF}: 655711.9/38$

All: 28.038 ± 0.005 $\chi^2/\text{NDF}: 1025093.3/72$

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: 25.514 ± 0.118 $\chi^2/\text{NDF}: 5819.8/18$

Left: 25.149 ± 0.089 $\chi^2/\text{NDF}: 11818.9/39$

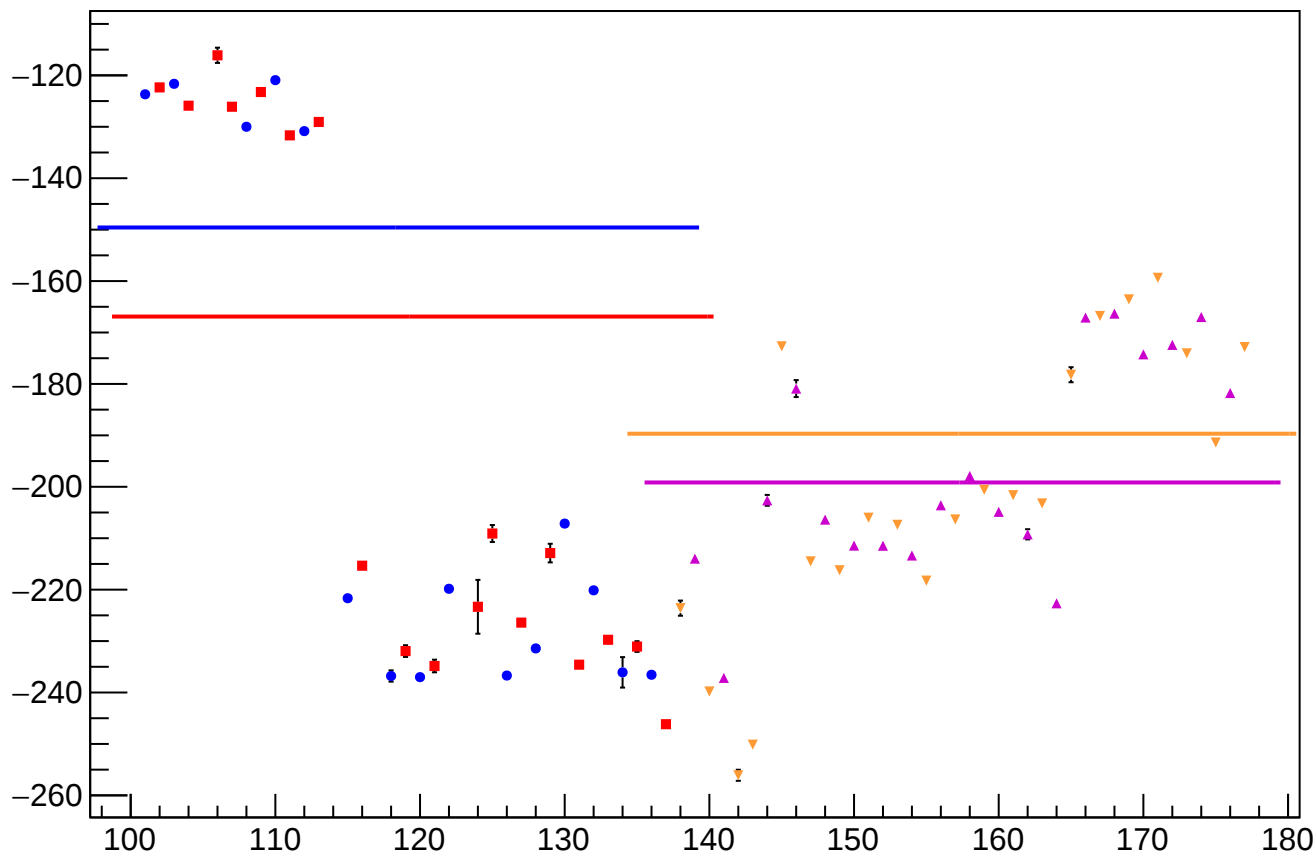
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.749 ± 0.098 $\chi^2/\text{NDF}: 16979.7/33$

Out: 19.514 ± 0.099 $\chi^2/\text{NDF}: 20781.2/38$

All: 19.632 ± 0.070 $\chi^2/\text{NDF}: 37763.8/72$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -189.679 ± 0.111 $\chi^2/\text{NDF}: 49264.5/20$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -199.159 ± 0.102 $\chi^2/\text{NDF}: 39874.4/18$

Left: -194.808 ± 0.075 $\chi^2/\text{NDF}: 93109.0/39$

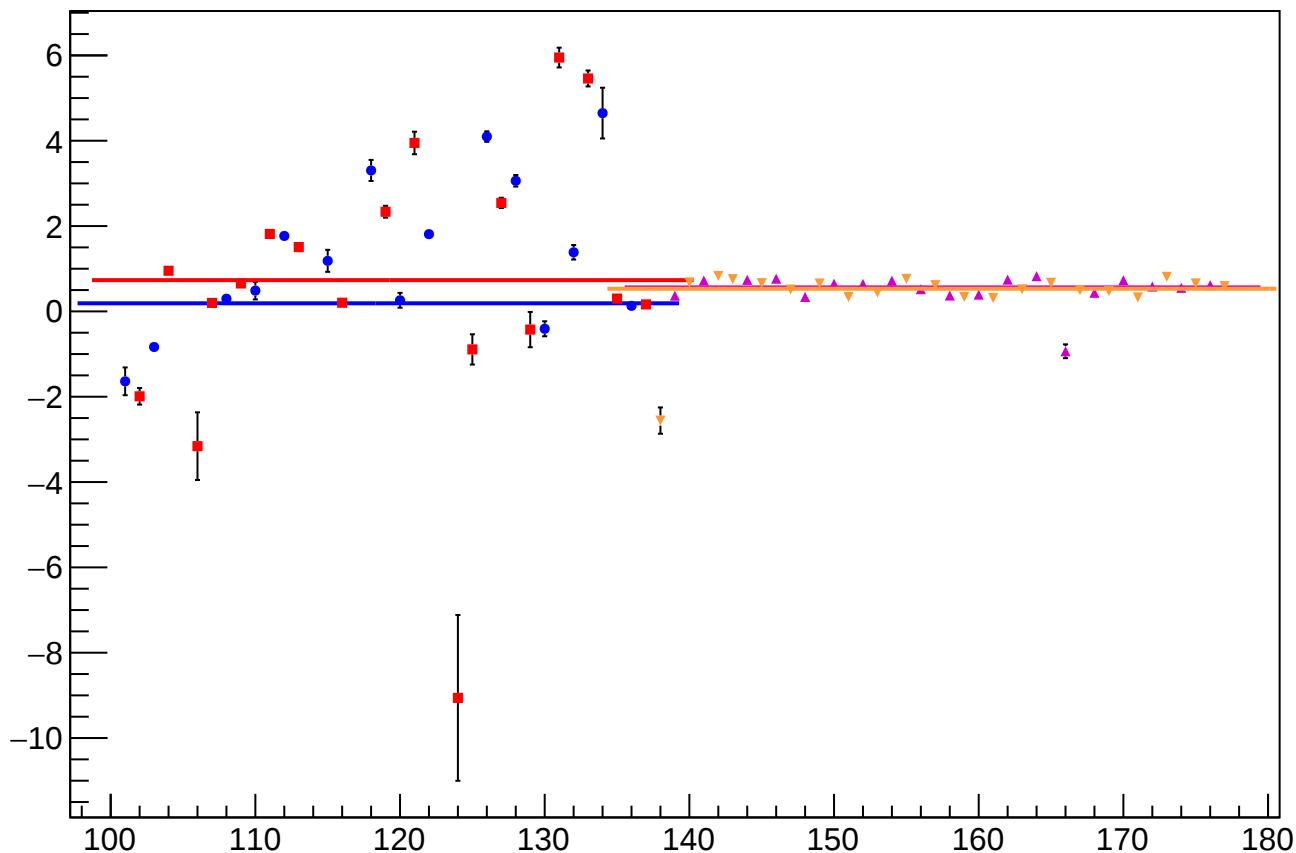
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.111 ± 0.072 $\chi^2/\text{NDF}: 354493.5/33$

Out: -177.205 ± 0.074 $\chi^2/\text{NDF}: 367958.0/38$

All: -175.600 ± 0.052 $\chi^2/\text{NDF}: 723347.9/72$

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: 0.562 $\pm$ 0.002 χ^2 /NDF:5341.7/18

Left: 0.547 $\pm$ 0.001 χ^2 /NDF: 13551.5/39

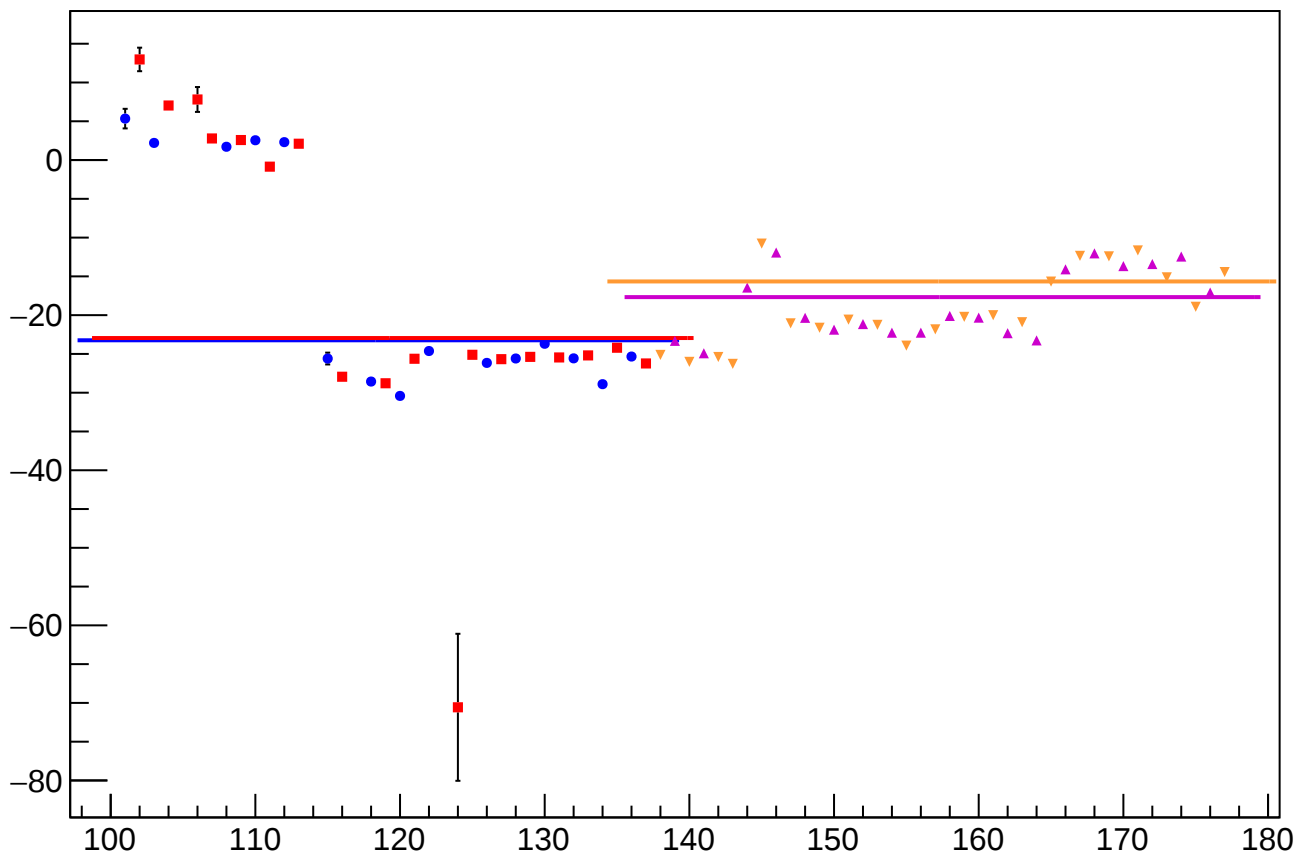
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.543 $\pm$ 0.002 χ^2 /NDF:9845.3/33

Out: 0.533 $\pm$ 0.002 χ^2 /NDF:10863.9/38

All: 0.539 $\pm$ 0.001 χ^2 /NDF: 20721.7/72

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.654 ± 0.012 $\chi^2/\text{NDF}: 176680.7/20$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -17.674 ± 0.012 $\chi^2/\text{NDF}: 120155.7/18$

Left: -16.634 ± 0.008 $\chi^2/\text{NDF}: 311797.1/39$

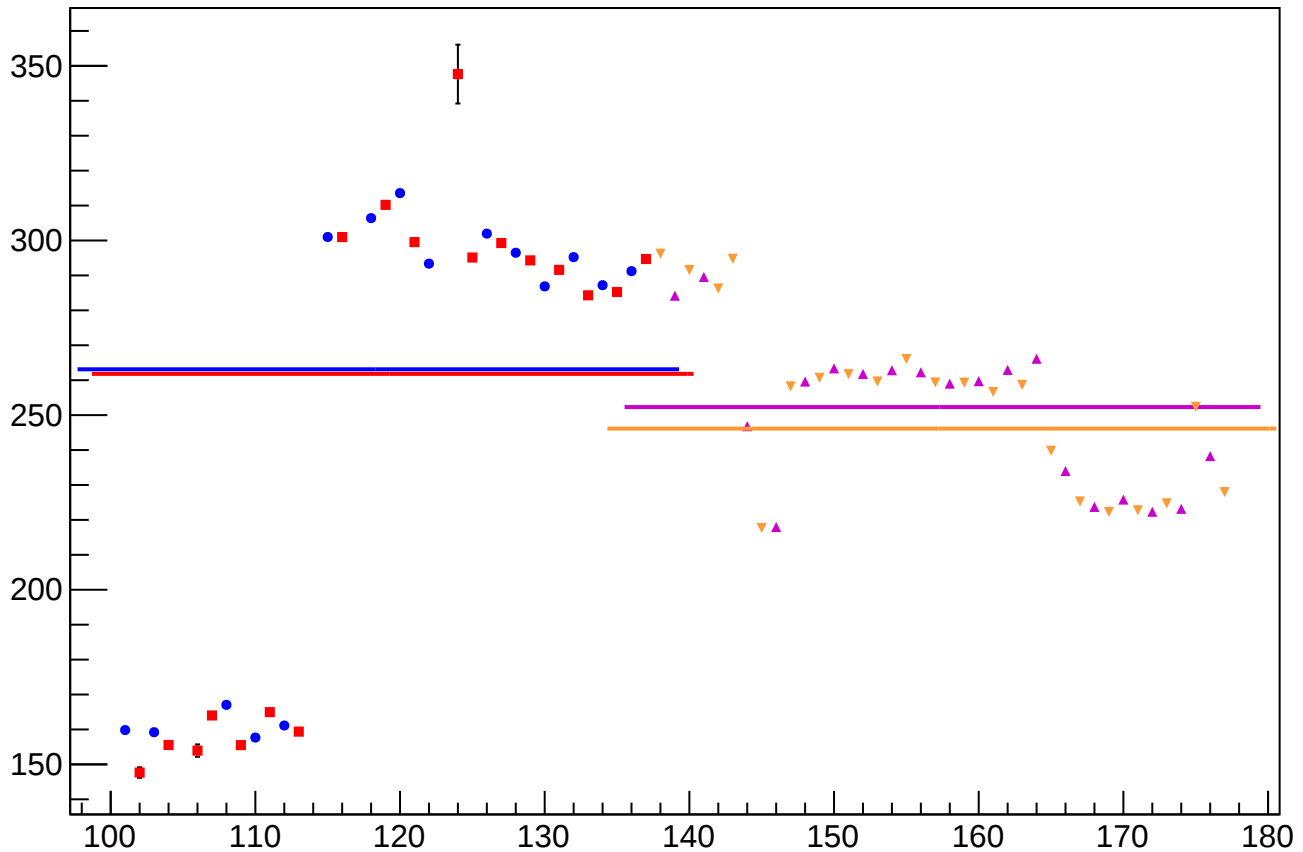
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -18.711 ± 0.011 $\chi^2/\text{NDF}: 264379.1/33$

Out: -16.955 ± 0.010 $\chi^2/\text{NDF}: 356488.3/38$

All: -17.811 ± 0.007 $\chi^2/\text{NDF}: 634696.7/72$

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: 252.313 $\pm$ 0.029 χ^2 /NDF: 356933.7/18

Left: 249.210 $\pm$ 0.020 χ^2 /NDF: 1057247.3/39

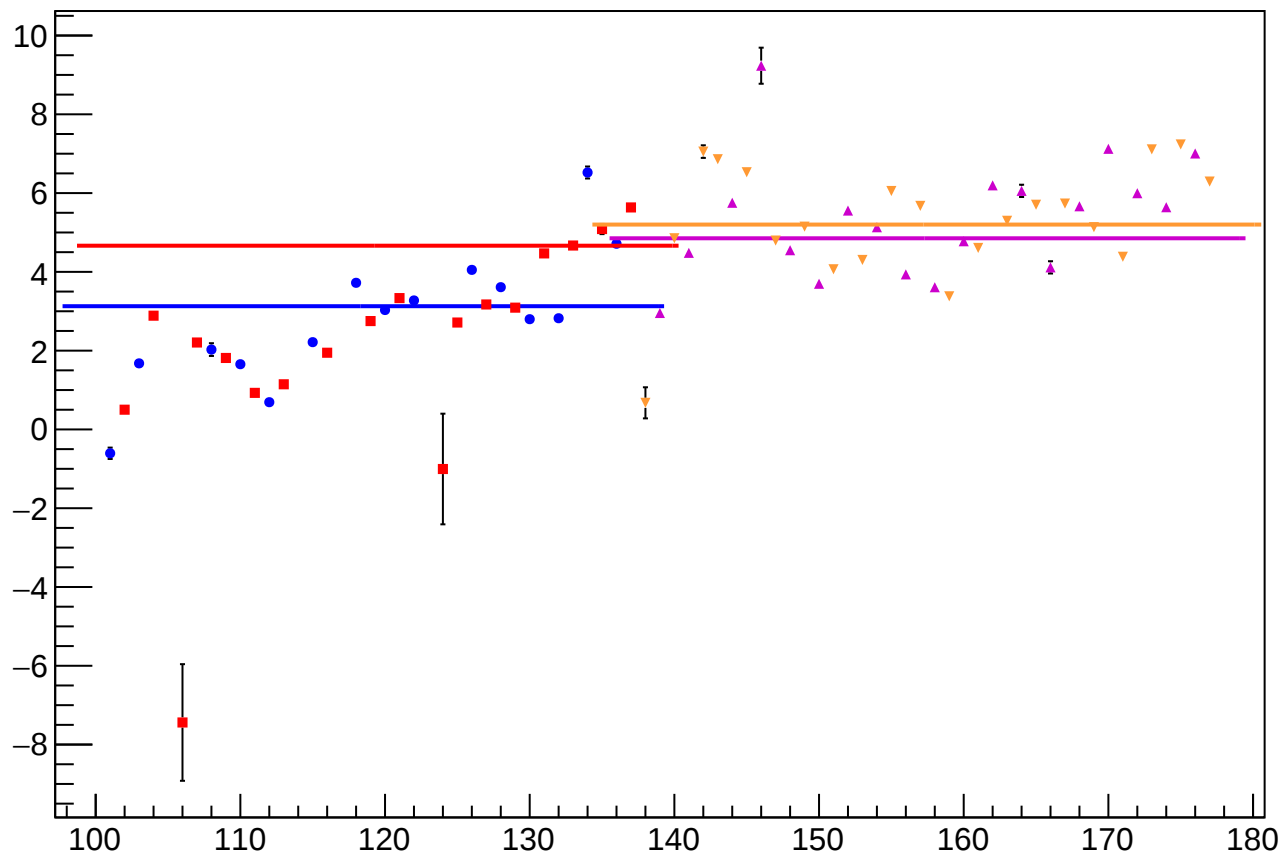
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 253.898 $\pm$ 0.026 χ^2 /NDF: 1070708.8/33

Out: 248.988 $\pm$ 0.026 χ^2 /NDF: 1738176.2/38

All: 251.381 $\pm$ 0.018 χ^2 /NDF: 2826548.4/72

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: 4.853 ± 0.013 $\chi^2/\text{NDF}: 9925.0/18$

Left: 5.014 ± 0.010 $\chi^2/\text{NDF}: 14663.7/39$

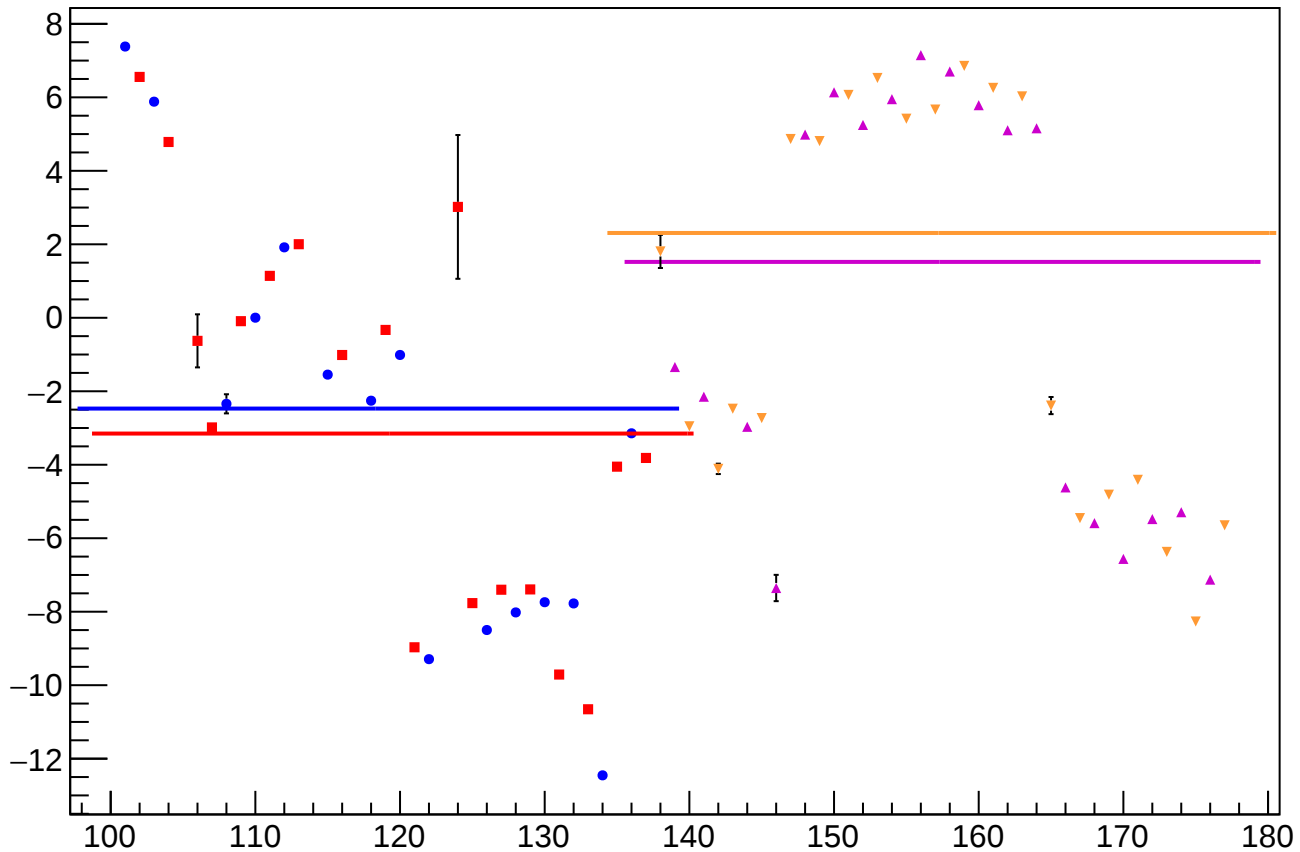
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.141 ± 0.010 $\chi^2/\text{NDF}: 22621.8/33$

Out: 4.754 ± 0.006 $\chi^2/\text{NDF}: 72471.1/38$

All: 4.603 ± 0.005 $\chi^2/\text{NDF}: 97857.3/72$

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: 1.521 ± 0.012 $\chi^2/\text{NDF}: 215820.7/18$

Left: 1.903 ± 0.008 $\chi^2/\text{NDF}: 393611.4/39$

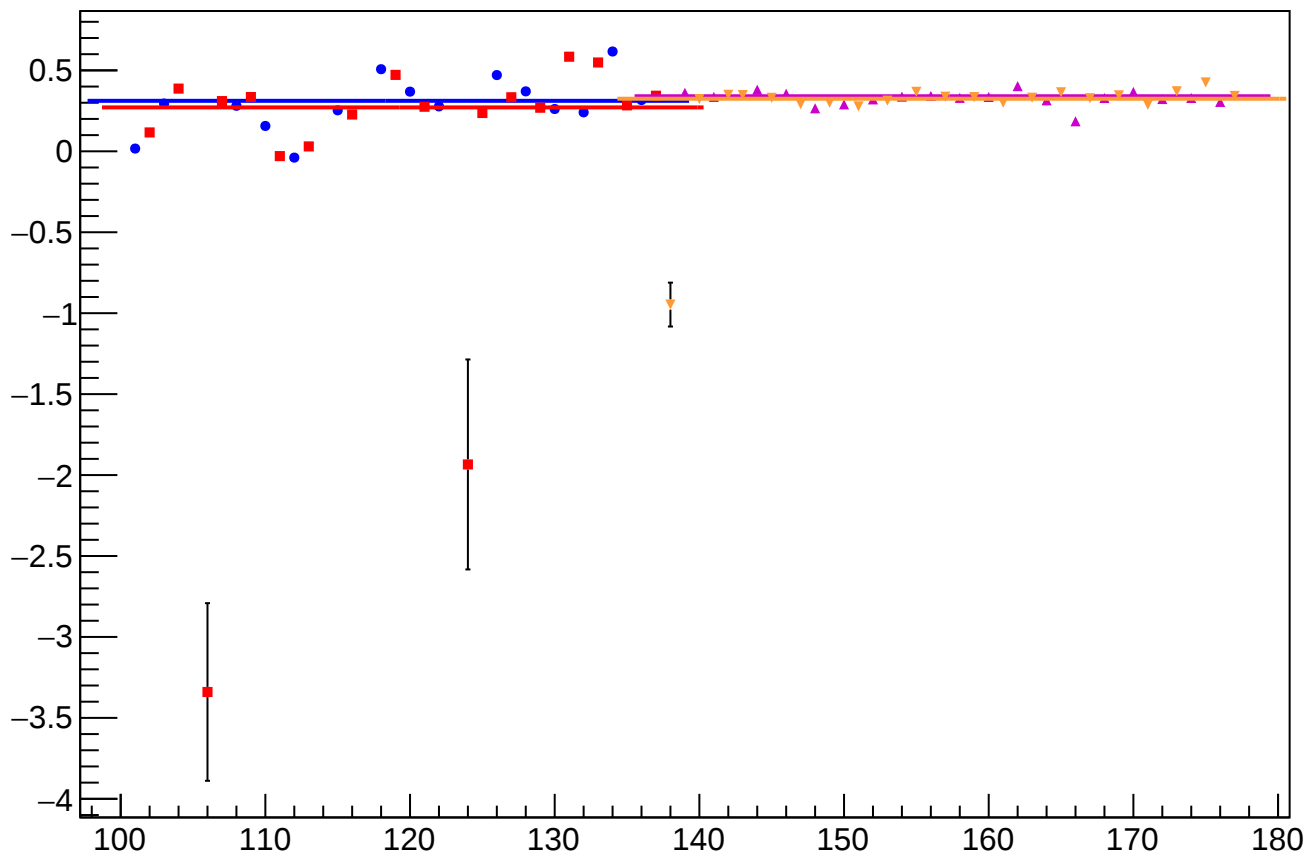
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.075 ± 0.009 $\chi^2/\text{NDF}: 506474.6/33$

Out: -1.613 ± 0.006 $\chi^2/\text{NDF}: 574936.1/38$

All: -1.101 ± 0.005 $\chi^2/\text{NDF}: 1101247.4/72$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.325 ± 0.001 $\chi^2/\text{NDF}: 2558.8/20$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 3334.2/18$

Left: 0.333 ± 0.000 $\chi^2/\text{NDF}: 6248.7/39$

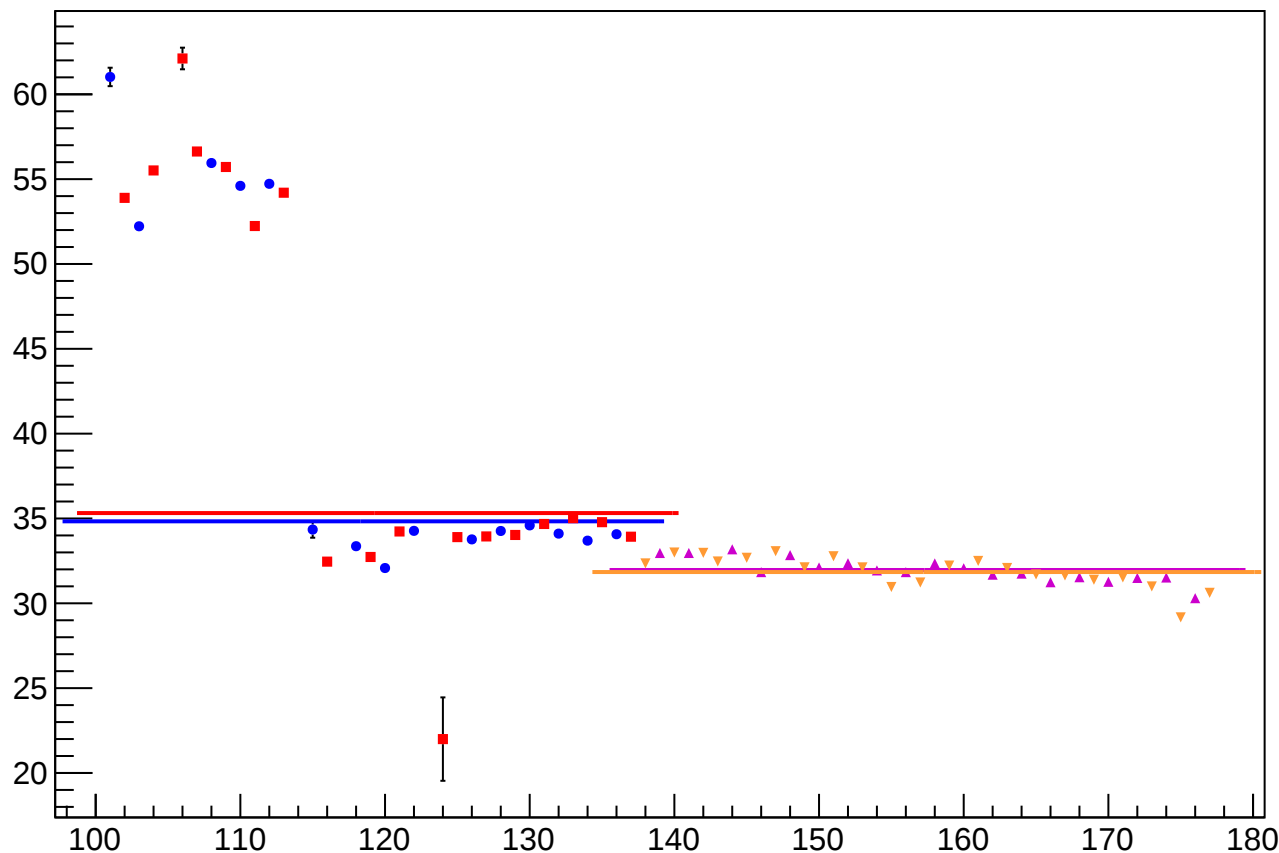
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.336 ± 0.001 $\chi^2/\text{NDF}: 5059.9/33$

Out: 0.321 ± 0.001 $\chi^2/\text{NDF}: 9302.0/38$

All: 0.329 ± 0.000 $\chi^2/\text{NDF}: 14730.2/72$

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: 31.964 $\pm$ 0.004 χ^2/NDF : 15403.6/18

Left: 31.896 $\pm$ 0.002 χ^2/NDF : 44207.7/39

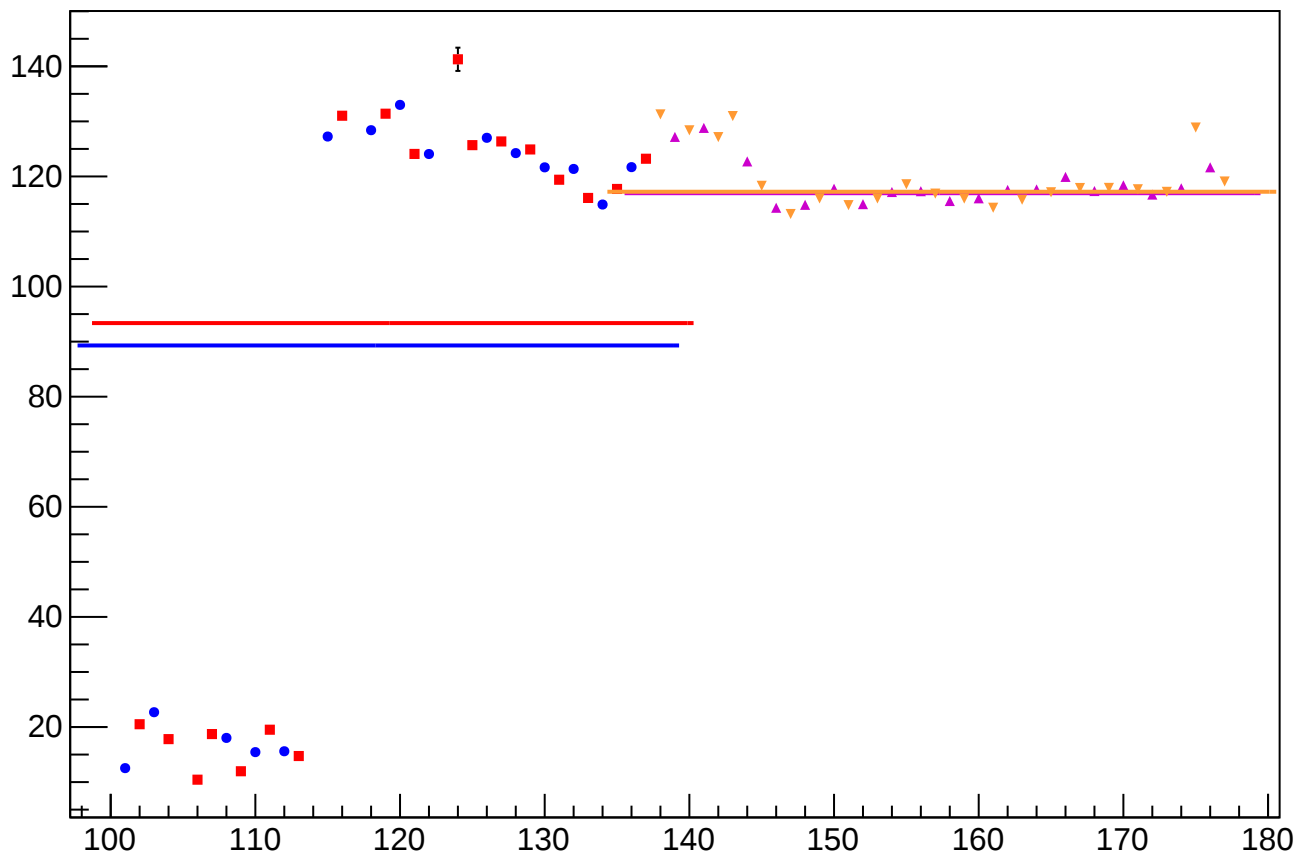
Right: 35.041 $\pm$ 0.007 χ^2/NDF : 508429.6/32

In: 32.405 $\pm$ 0.003 χ^2/NDF : 354629.0/33

Out: 32.180 $\pm$ 0.003 χ^2/NDF : 399848.9/38

All: 32.282 $\pm$ 0.002 χ^2/NDF : 756887.7/72

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: 116.957 ± 0.009 χ^2/NDF : 44589.7/18

Left: 117.102 ± 0.006 χ^2/NDF : 170098.8/39

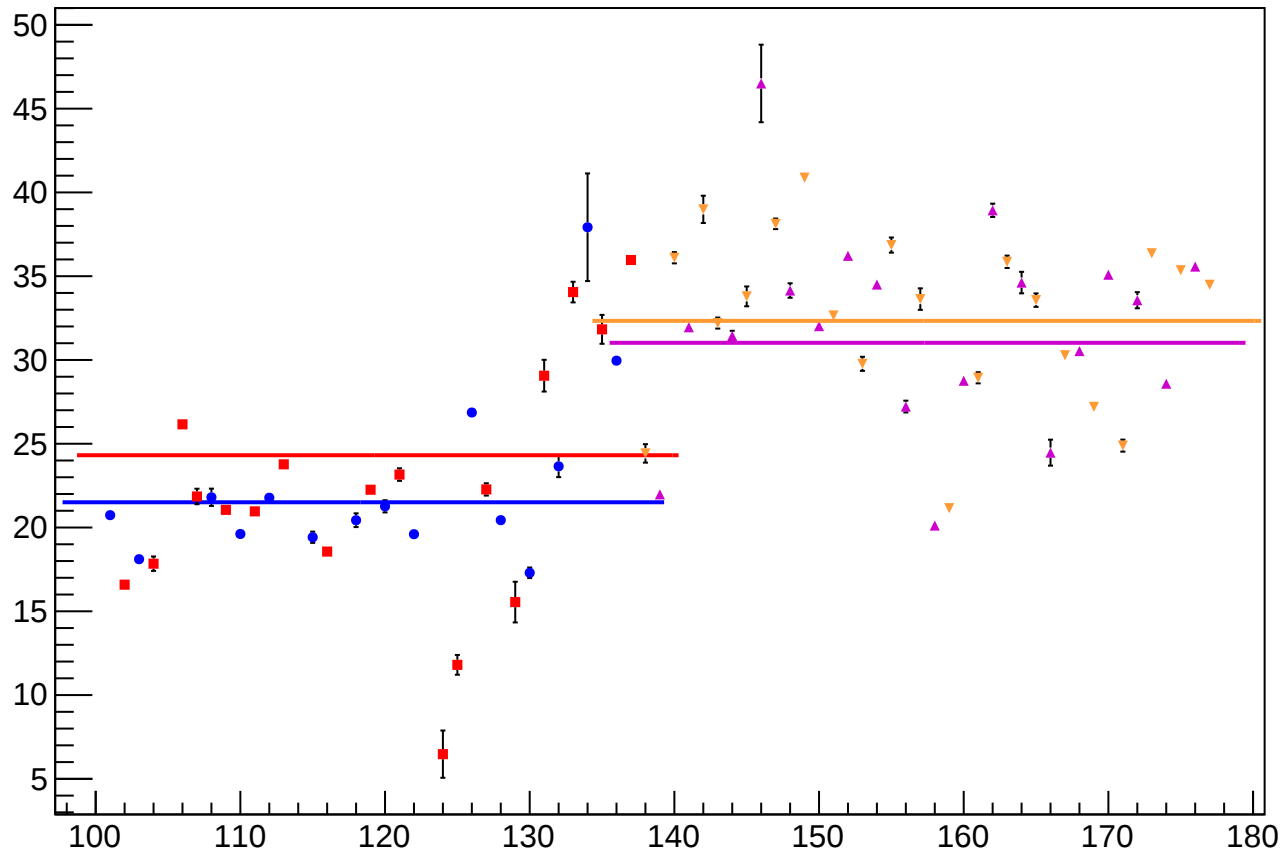
Right: 91.158 ± 0.020 χ^2/NDF : 5896996.6/32

In: 114.375 ± 0.008 χ^2/NDF : 4000130.5/33

Out: 115.629 ± 0.008 χ^2/NDF : 3569865.0/38

All: 115.053 ± 0.006 χ^2/NDF : 7582076.1/72

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 32.333 $\pm$ 0.071 χ^2 /NDF:5047.9/20

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 31.024 $\pm$ 0.063 χ^2 /NDF:5896.1/18

Left: 31.603 $\pm$ 0.047 χ^2 /NDF: 11135.5/39

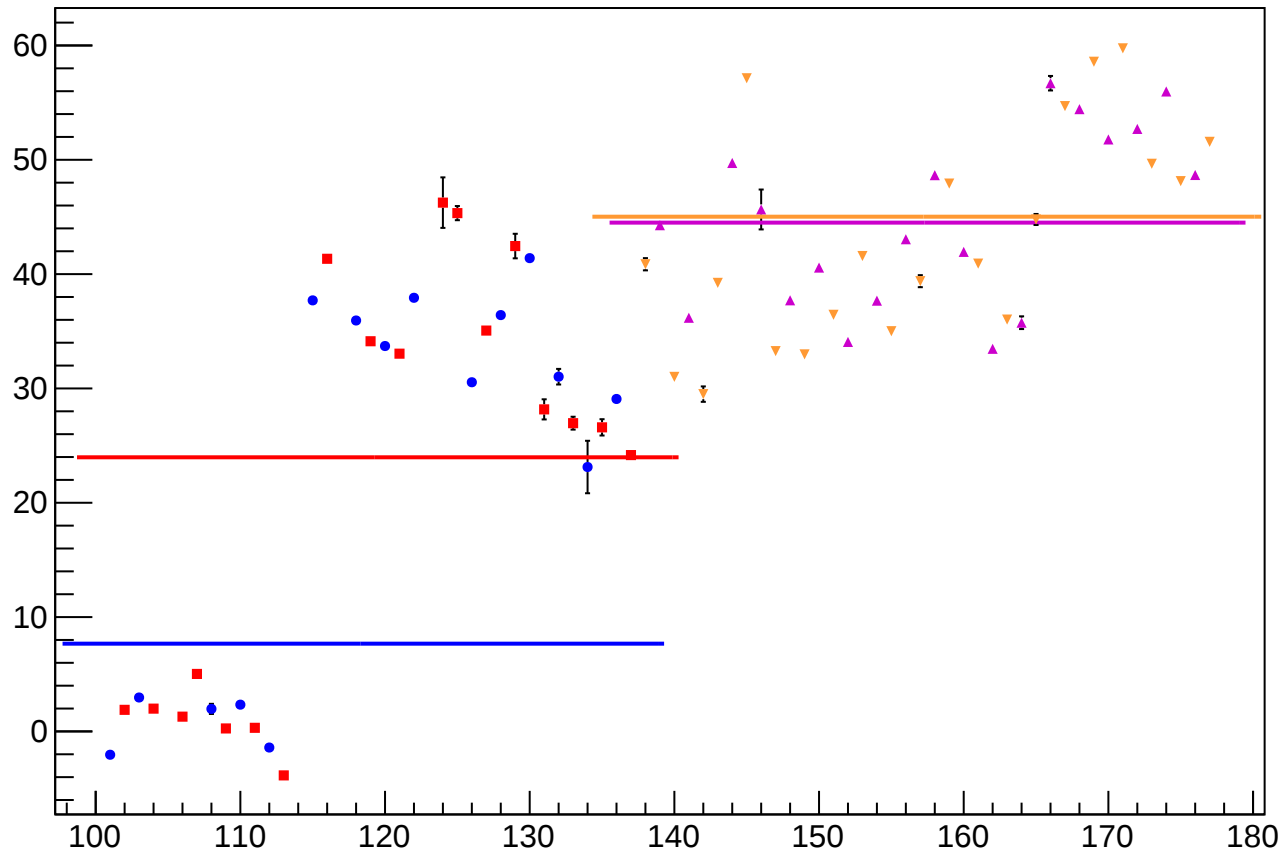
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 26.923 $\pm$ 0.047 χ^2 /NDF:18714.0/33

Out: 27.574 $\pm$ 0.045 χ^2 /NDF:26991.2/38

All: 27.266 $\pm$ 0.033 χ^2 /NDF: 45804.2/72

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 45.023 ± 0.059 χ^2/NDF : 22665.2/20

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 44.504 ± 0.053 χ^2/NDF : 16483.3/18

Left: 44.740 ± 0.039 χ^2/NDF : 39191.3/39

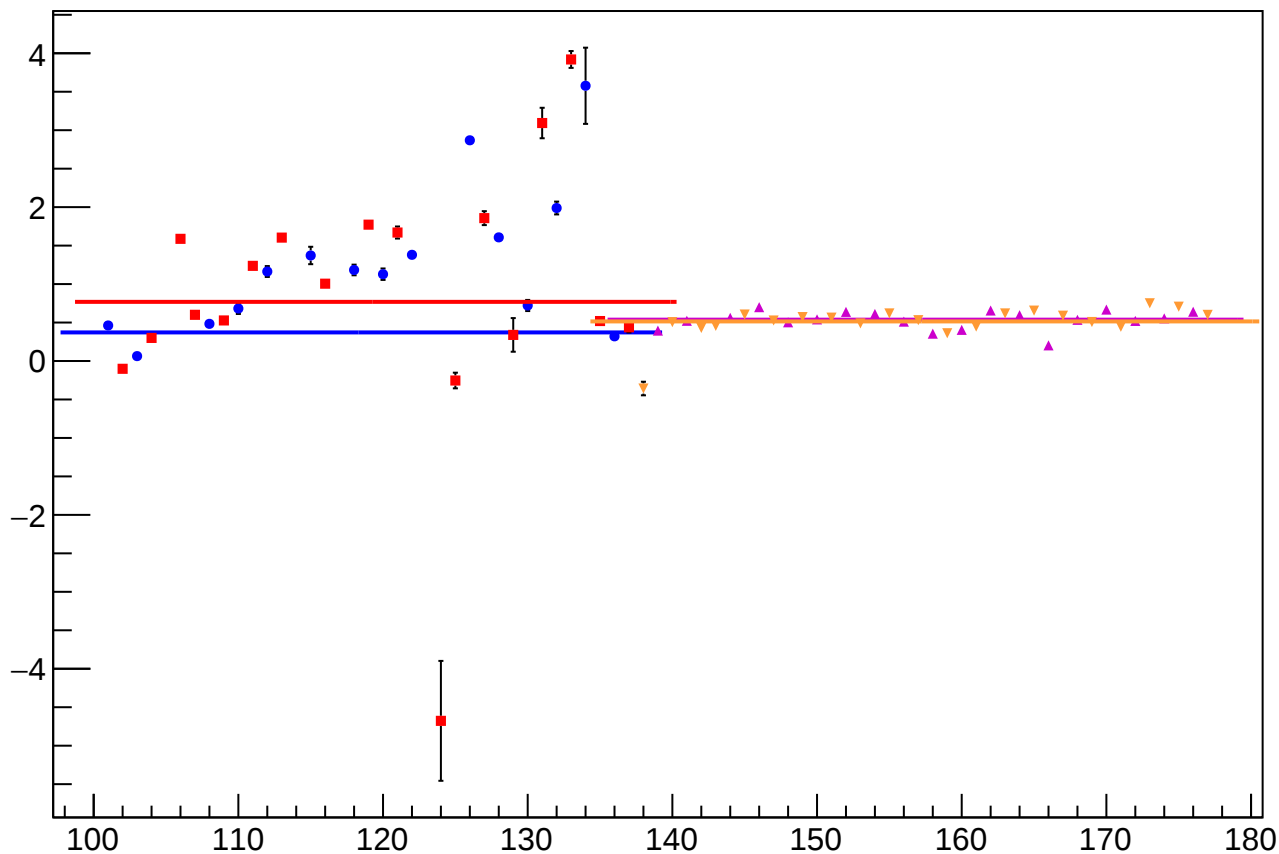
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 23.030 ± 0.035 χ^2/NDF : 389297.2/33

Out: 24.380 ± 0.008 χ^2/NDF : 260061.5/38

All: 24.310 ± 0.008 χ^2/NDF : 650807.4/72

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.515 ± 0.001 χ^2/NDF : 13277.1/20

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.537 ± 0.001 χ^2/NDF : 12262.4/18

Left: 0.527 ± 0.001 χ^2/NDF : 25798.8/39

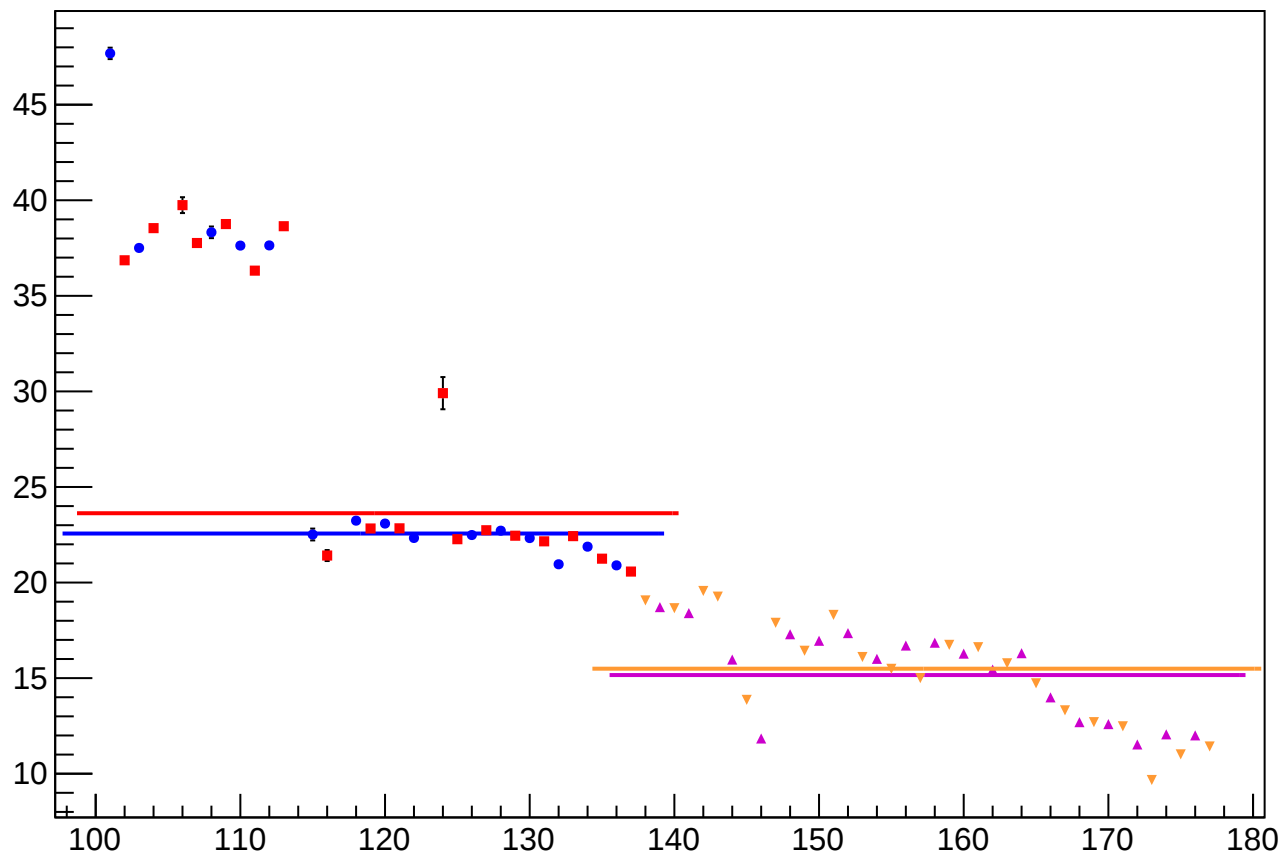
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.530 ± 0.001 χ^2/NDF : 18391.2/33

Out: 0.520 ± 0.001 χ^2/NDF : 18728.8/38

All: 0.526 ± 0.001 χ^2/NDF : 37166.8/72

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 15.494 $\pm$ 0.006 χ^2 /NDF: 208074.4/20

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 15.161 $\pm$ 0.006 χ^2 /NDF: 134676.1/18

Left: 15.339 $\pm$ 0.004 χ^2 /NDF: 344271.1/39

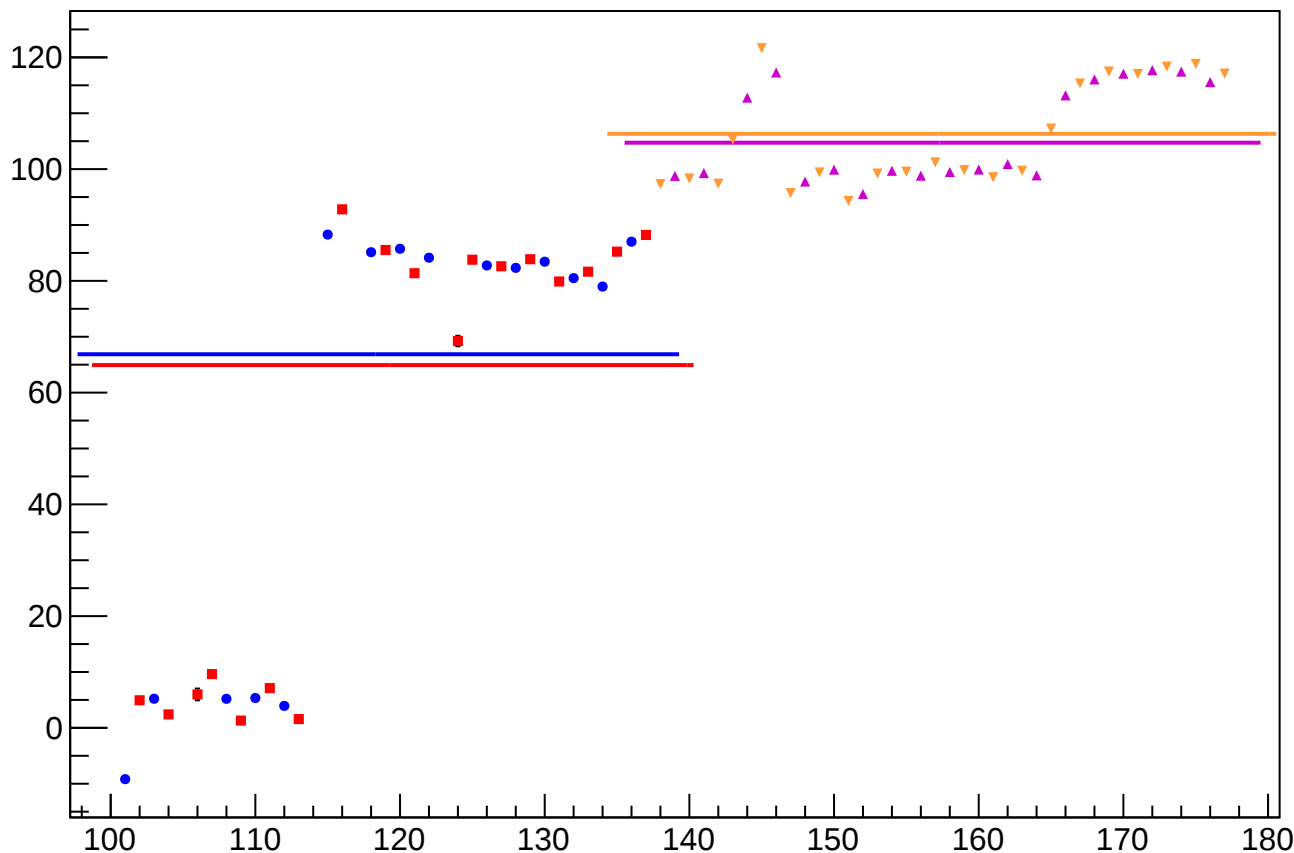
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 17.183 $\pm$ 0.005 χ^2 /NDF: 612531.7/33

Out: 17.217 $\pm$ 0.005 χ^2 /NDF: 745261.6/38

All: 17.201 $\pm$ 0.004 χ^2 /NDF: 1357814.7/72

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 106.319 $\pm$ 0.011 χ^2 /NDF: 733422.9/20

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 104.730 $\pm$ 0.011 χ^2 /NDF: 559703.9/18

Left: 105.551 $\pm$ 0.008 χ^2 /NDF: 1304059.0/39

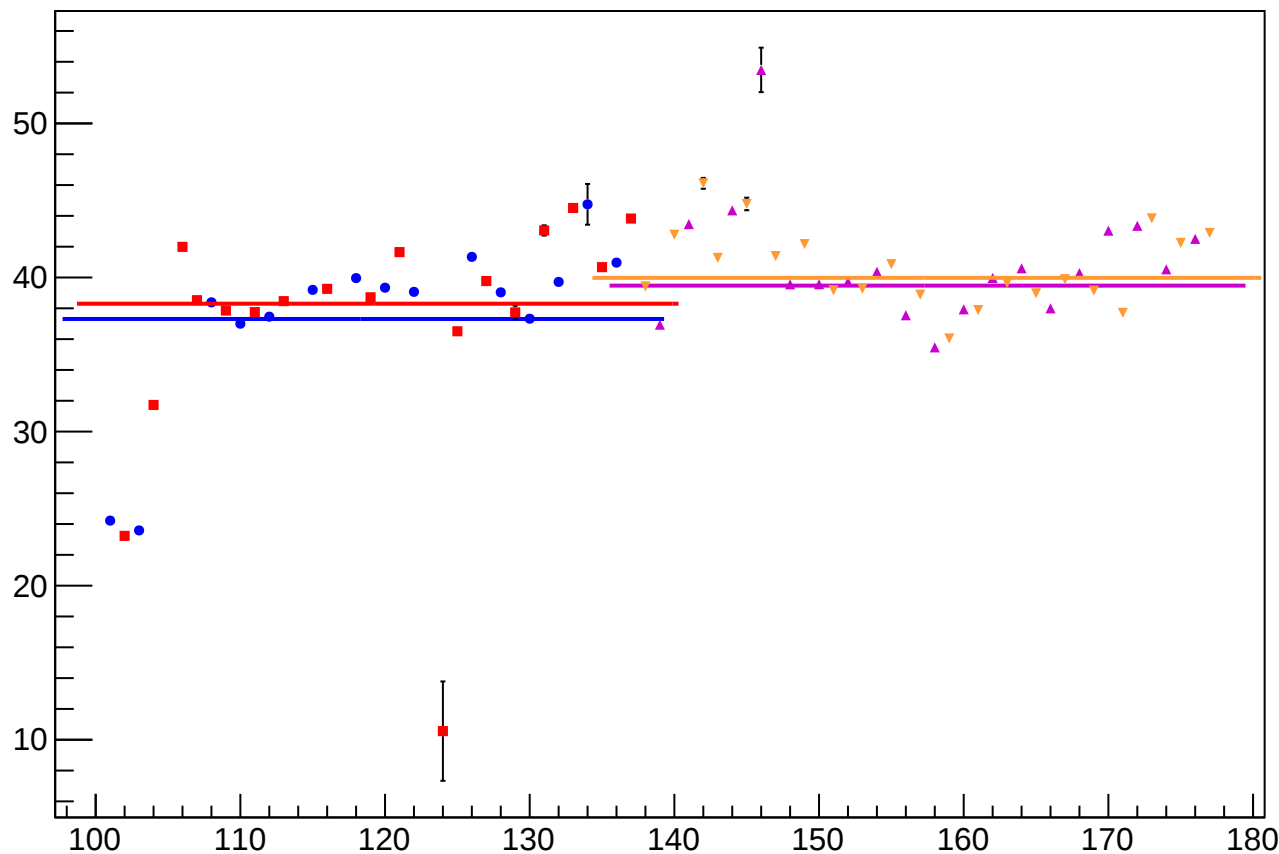
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 99.421 $\pm$ 0.010 χ^2 /NDF: 3737276.0/33

Out: 101.675 $\pm$ 0.010 χ^2 /NDF: 3789019.8/38

All: 100.568 $\pm$ 0.007 χ^2 /NDF: 7551466.3/72

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: 39.473 ± 0.025 $\chi^2/\text{NDF}: 8329.1/18$

Left: 39.678 ± 0.019 $\chi^2/\text{NDF}: 14267.2/39$

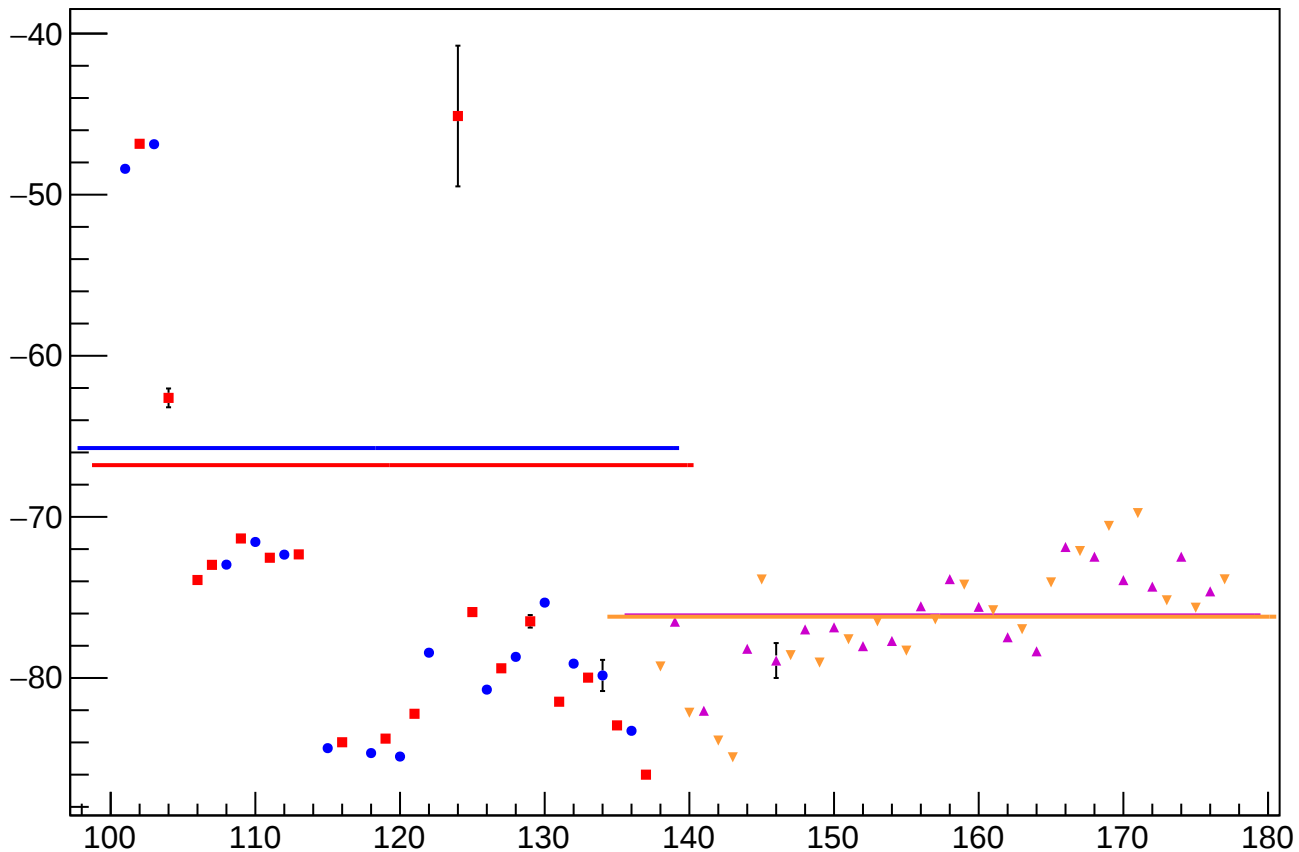
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.314 ± 0.017 $\chi^2/\text{NDF}: 71998.6/33$

Out: 38.832 ± 0.017 $\chi^2/\text{NDF}: 26735.5/38$

All: 38.572 ± 0.012 $\chi^2/\text{NDF}: 99203.9/72$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -76.195 $\pm$ 0.024 χ^2 /NDF:22133.8/20

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -76.114 $\pm$ 0.020 χ^2 /NDF:10219.1/18

Left: -76.147 $\pm$ 0.016 χ^2 /NDF: 32359.3/39

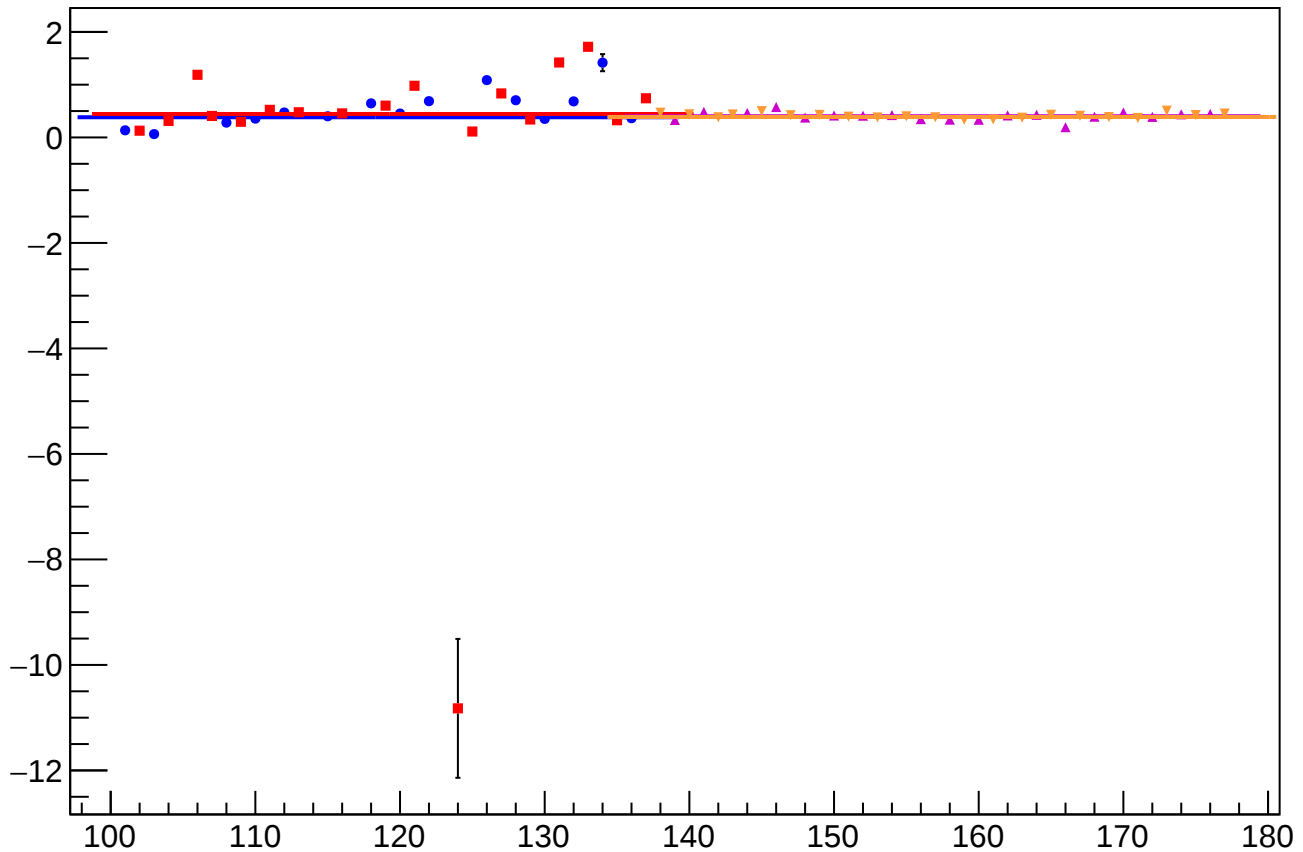
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -69.958 $\pm$ 0.013 χ^2 /NDF:1068023.4/33

Out: -69.555 $\pm$ 0.013 χ^2 /NDF:935651.0/38

All: -69.761 $\pm$ 0.009 χ^2 /NDF: 2004145.8/72

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.388 $\pm$ 0.000 χ^2 /NDF:9650.7/20

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.402 $\pm$ 0.000 χ^2 /NDF:8383.0/18

Left: 0.395 $\pm$ 0.000 χ^2 /NDF: 18494.4/39

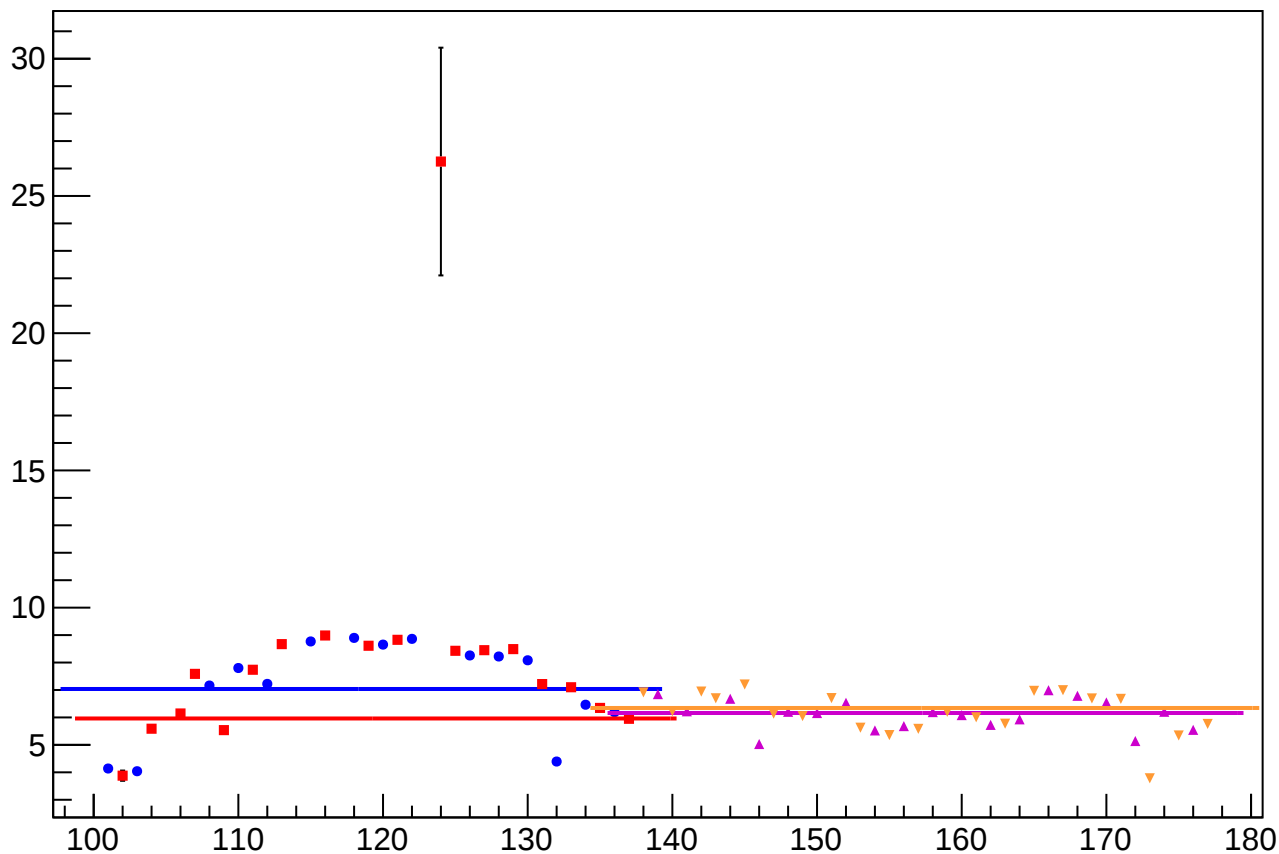
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.401 $\pm$ 0.000 χ^2 /NDF:16656.7/33

Out: 0.388 $\pm$ 0.000 χ^2 /NDF:12671.7/38

All: 0.395 $\pm$ 0.000 χ^2 /NDF: 29677.3/72

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.345 ± 0.002 χ^2/NDF : 76471.6/20

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.162 ± 0.002 χ^2/NDF : 47007.7/18

Left: 6.249 ± 0.001 χ^2/NDF : 130132.7/39

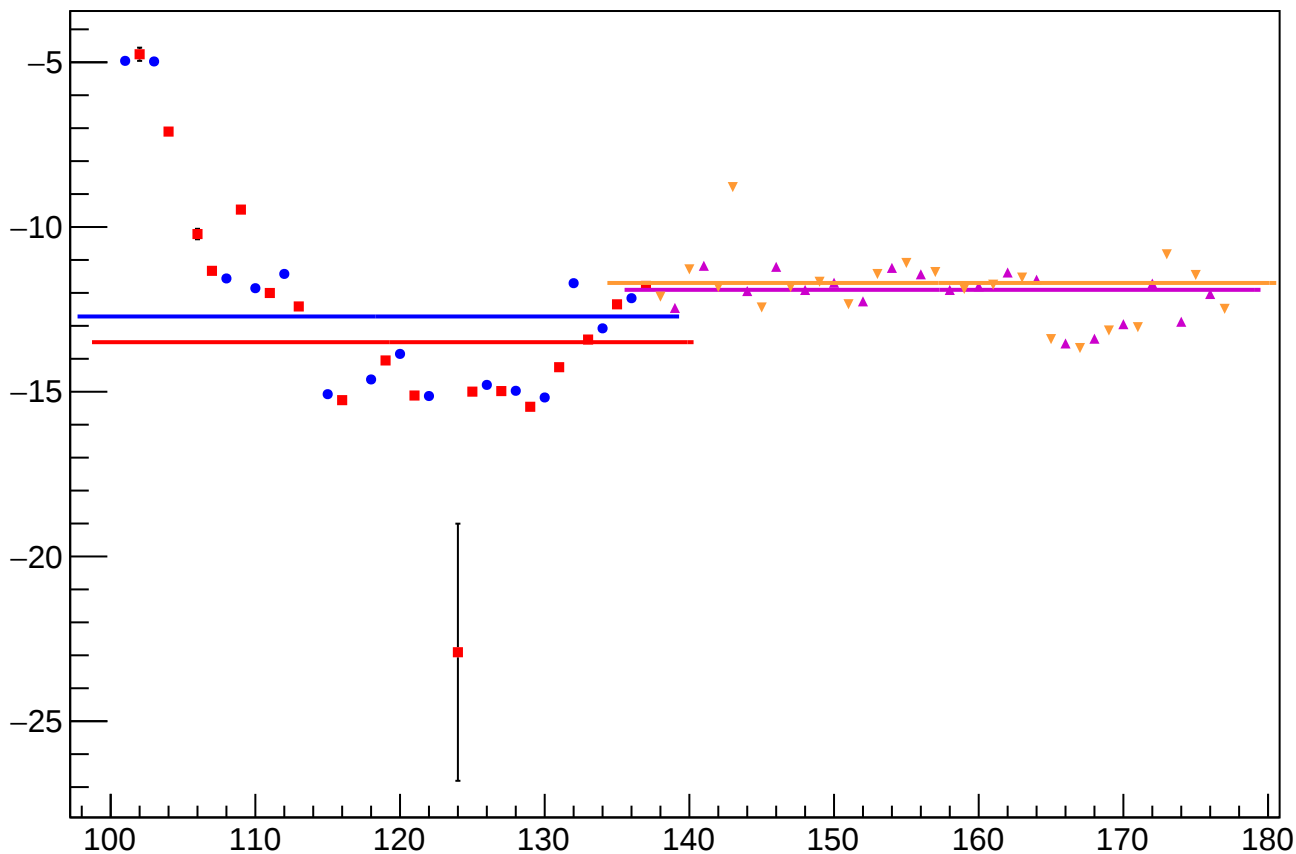
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.253 ± 0.001 χ^2/NDF : 150403.4/33

Out: 5.984 ± 0.000 χ^2/NDF : 297151.6/38

All: 6.003 ± 0.000 χ^2/NDF : 478935.6/72

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: -11.907 $\pm$ 0.002 χ^2/NDF : 63475.5/18

Left: -11.804 $\pm$ 0.002 χ^2/NDF : 406619.5/39

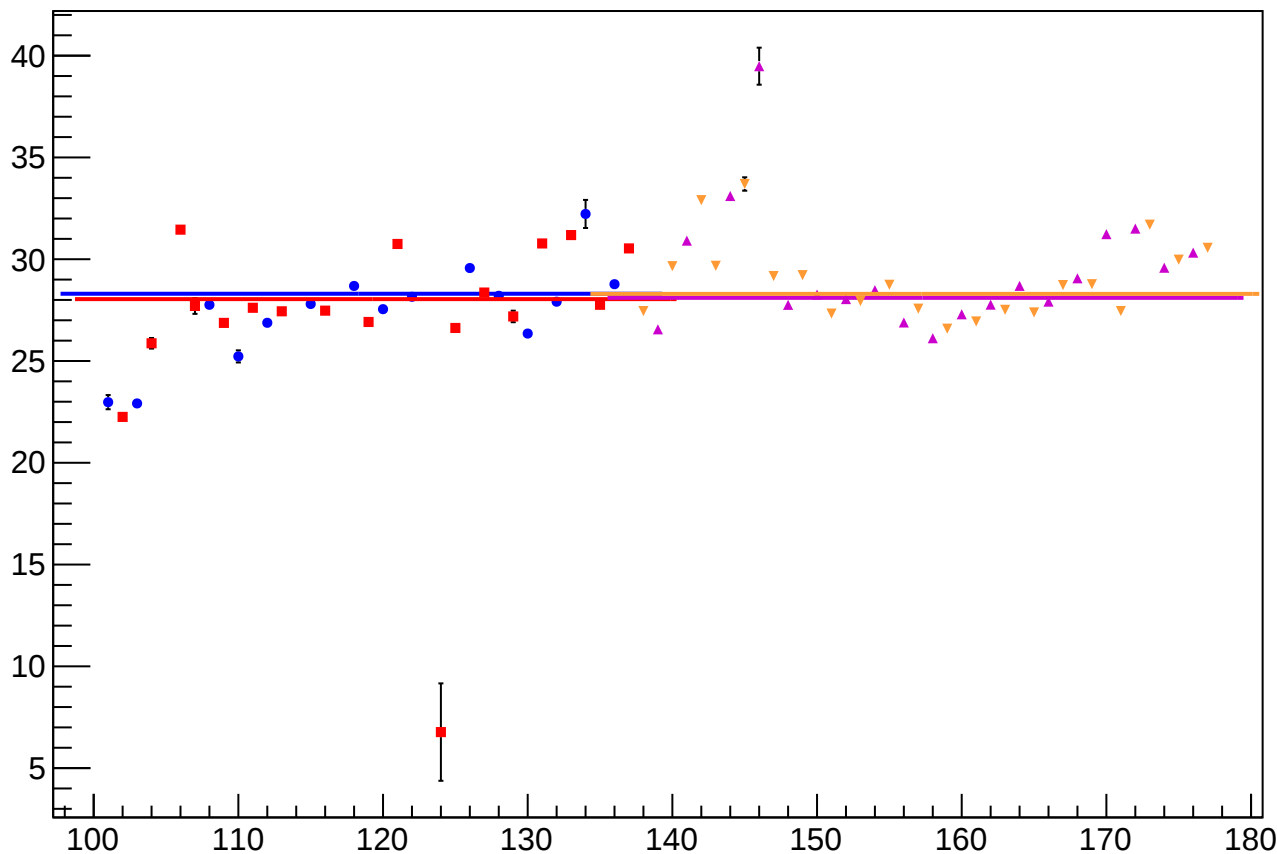
Right: -13.142 $\pm$ 0.004 χ^2/NDF : 149153.5/32

In: -11.991 $\pm$ 0.002 χ^2/NDF : 163097.7/33

Out: -11.922 $\pm$ 0.002 χ^2/NDF : 478084.9/38

All: -11.956 $\pm$ 0.001 χ^2/NDF : 641741.2/72

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: 28.103 $\pm$ 0.015 χ^2 /NDF:8583.7/18

Left: 28.183 $\pm$ 0.012 χ^2 /NDF: 15031.5/39

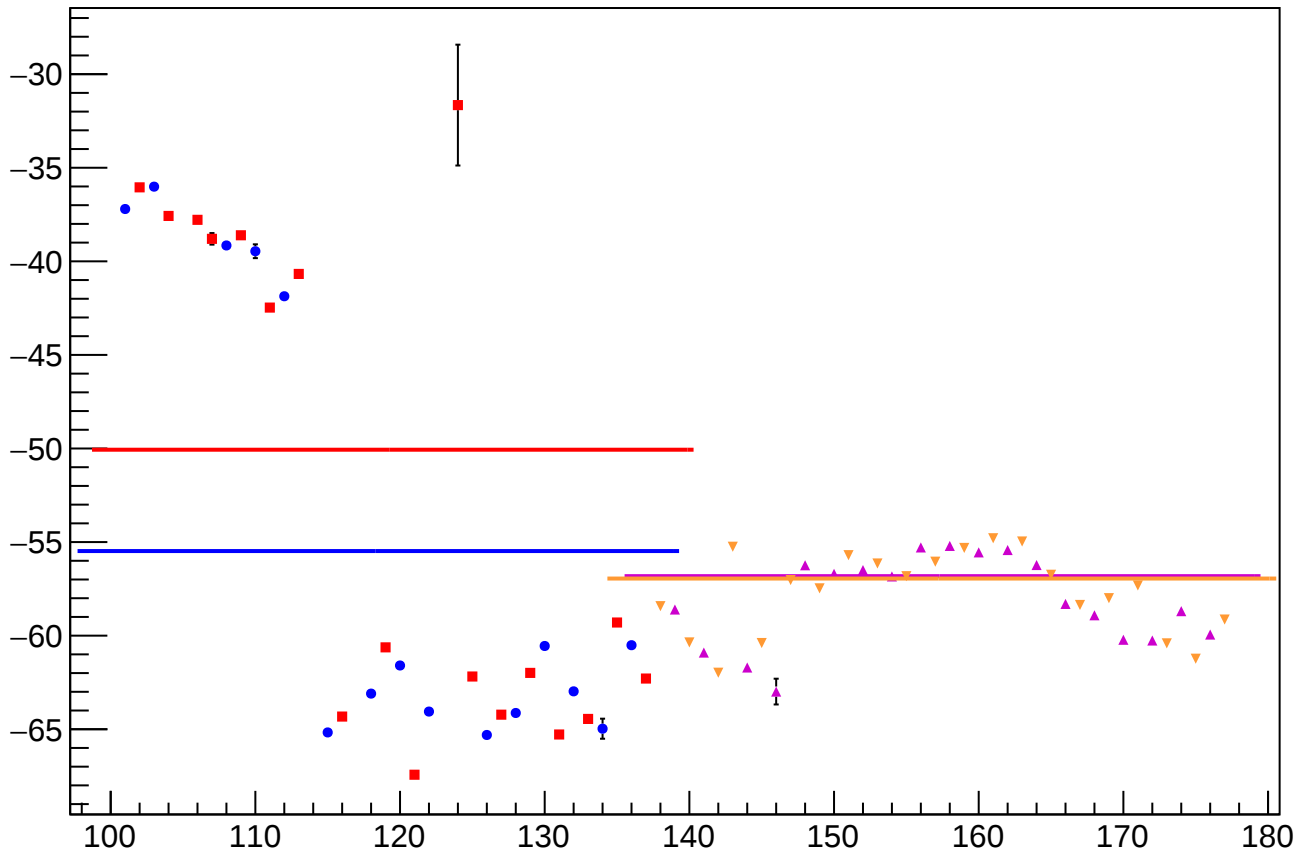
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.165 $\pm$ 0.013 χ^2 /NDF:12036.1/33

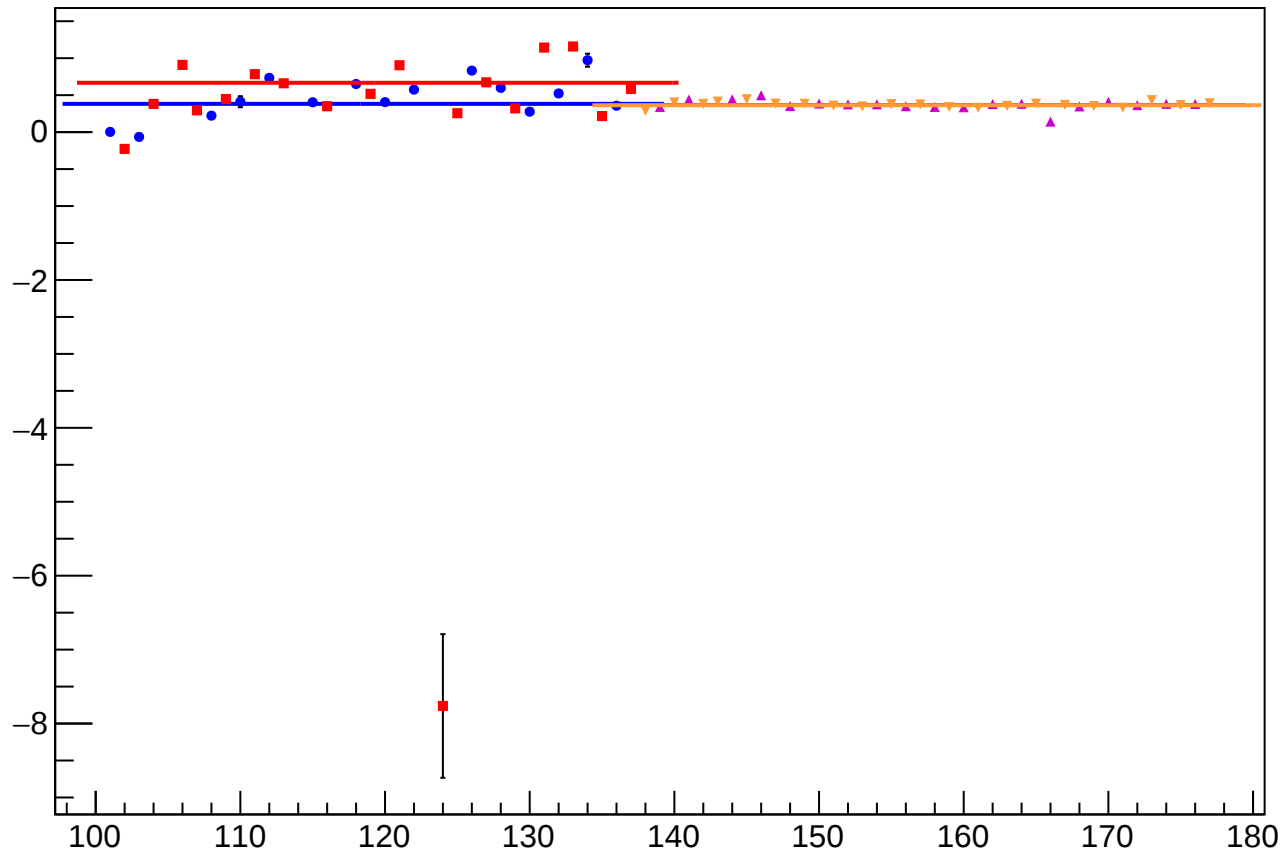
Out: 28.228 $\pm$ 0.016 χ^2 /NDF:8996.6/38

All: 28.190 $\pm$ 0.010 χ^2 /NDF: 21042.3/72

dit_sam8_4eX_slope vs Slug, Sign Corrected



dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 7815.4/20$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.367 ± 0.000 $\chi^2/\text{NDF}: 5844.8/18$

Left: 0.365 ± 0.000 $\chi^2/\text{NDF}: 13708.5/39$

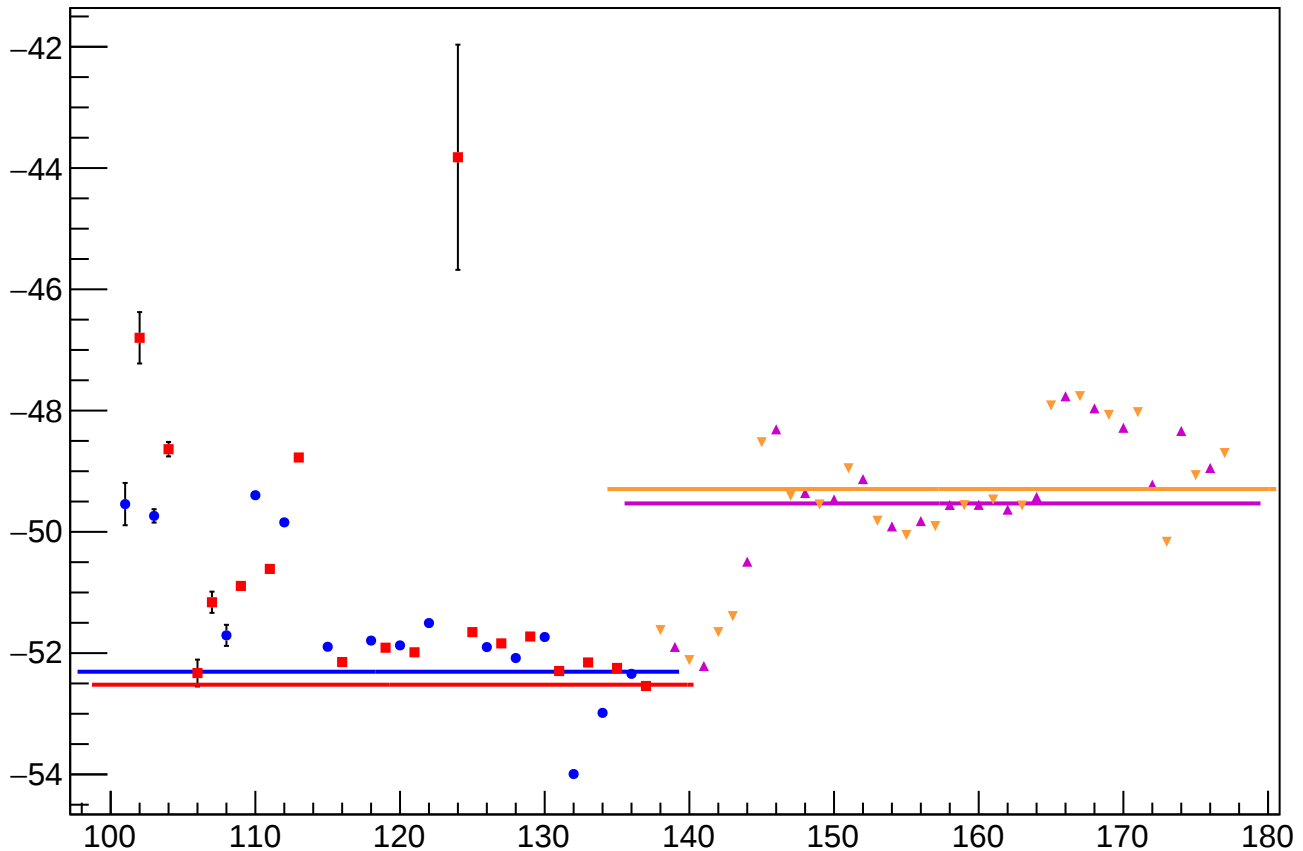
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.367 ± 0.000 $\chi^2/\text{NDF}: 10530.7/33$

Out: 0.365 ± 0.000 $\chi^2/\text{NDF}: 15858.2/38$

All: 0.366 ± 0.000 $\chi^2/\text{NDF}: 26412.8/72$

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: -49.531 $\pm$ 0.001 χ^2 /NDF: 417058.2/18

Left: -49.410 $\pm$ 0.001 χ^2 /NDF: 938499.7/39

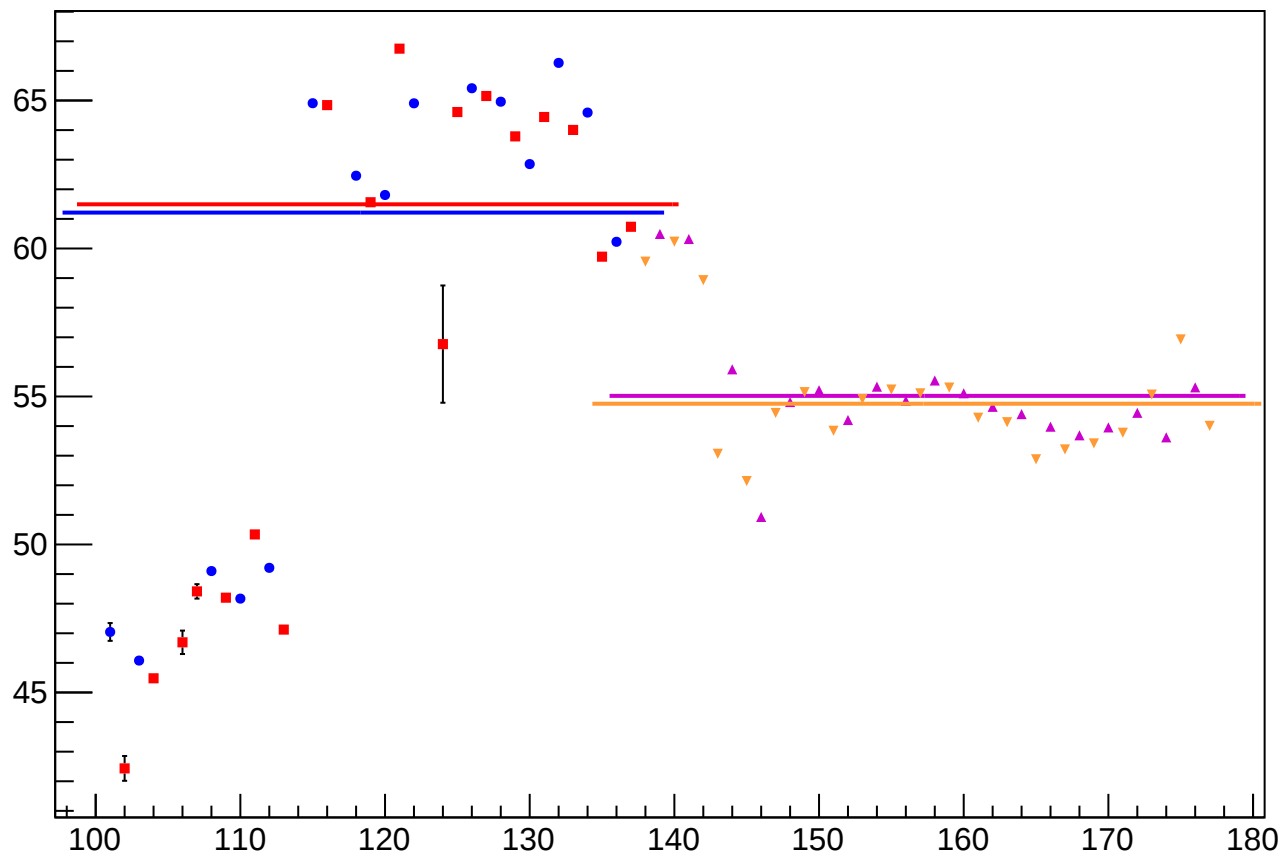
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.868 $\pm$ 0.001 χ^2 /NDF: 891990.5/33

Out: -51.302 $\pm$ 0.001 χ^2 /NDF: 3755133.1/38

All: -50.882 $\pm$ 0.001 χ^2 /NDF: 5441901.7/72

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: 55.021 ± 0.003 $\chi^2/\text{NDF}: 81493.6/18$

Left: 54.901 ± 0.002 $\chi^2/\text{NDF}: 334545.8/39$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.503 ± 0.003 $\chi^2/\text{NDF}: 596842.6/33$

Out: 55.999 ± 0.003 $\chi^2/\text{NDF}: 1313183.7/38$

All: 55.741 ± 0.002 $\chi^2/\text{NDF}: 1925358.9/72$

dit_4aX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

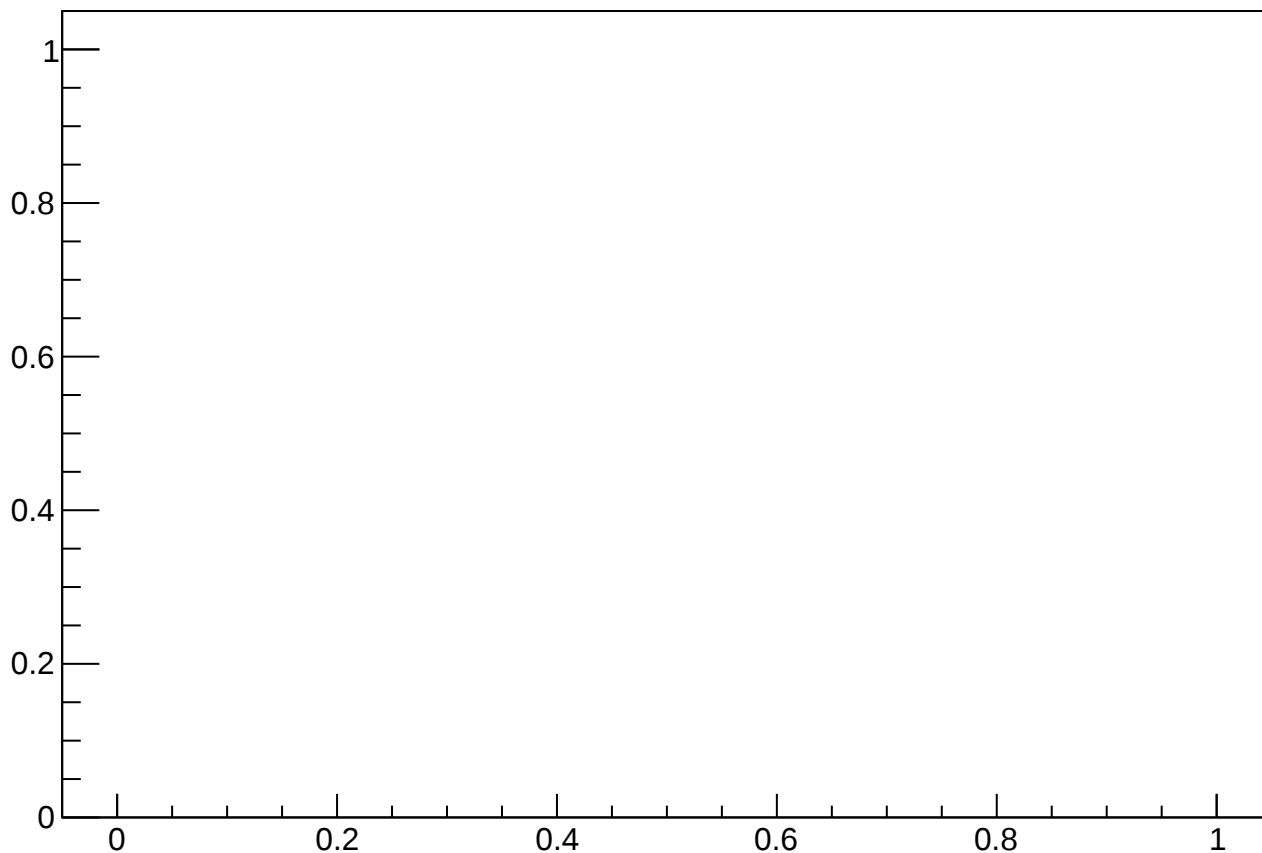
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

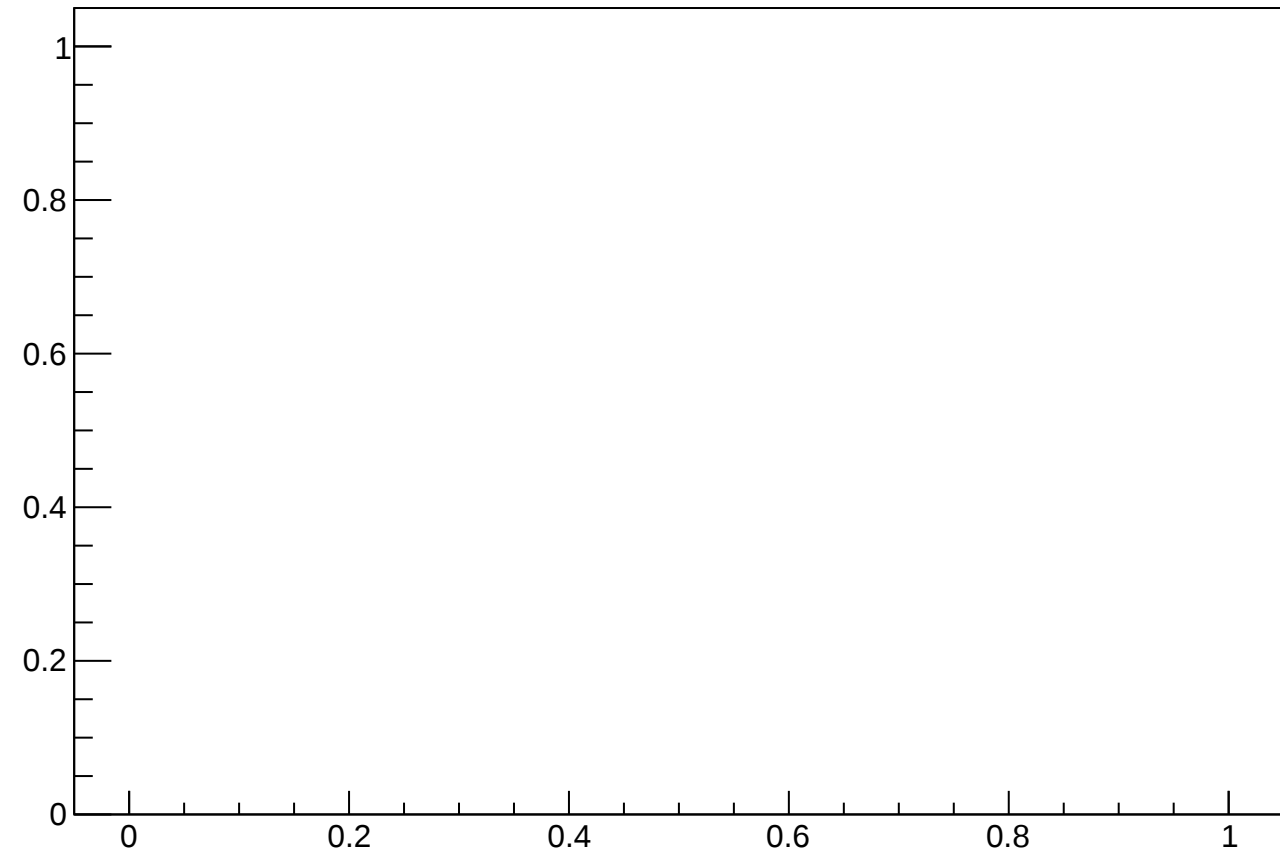
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

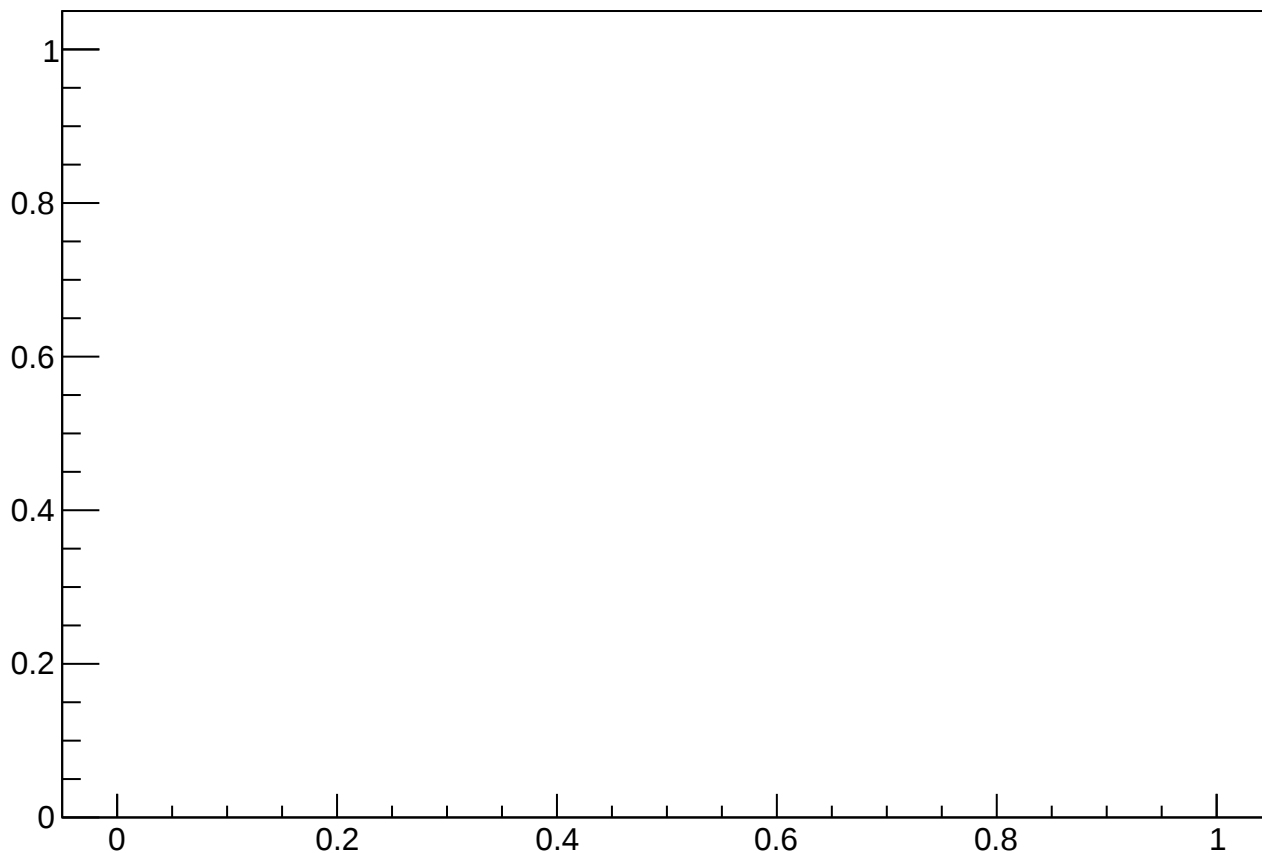
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

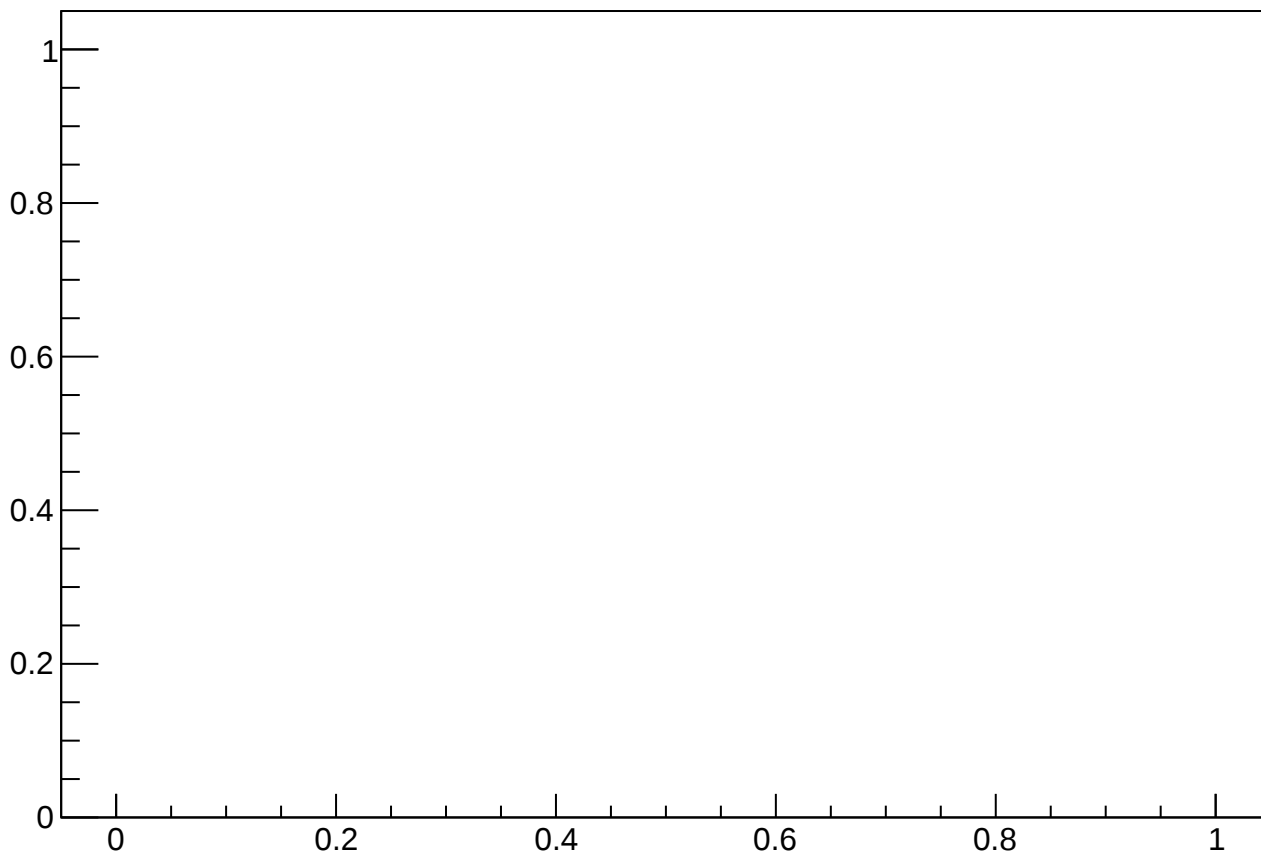
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

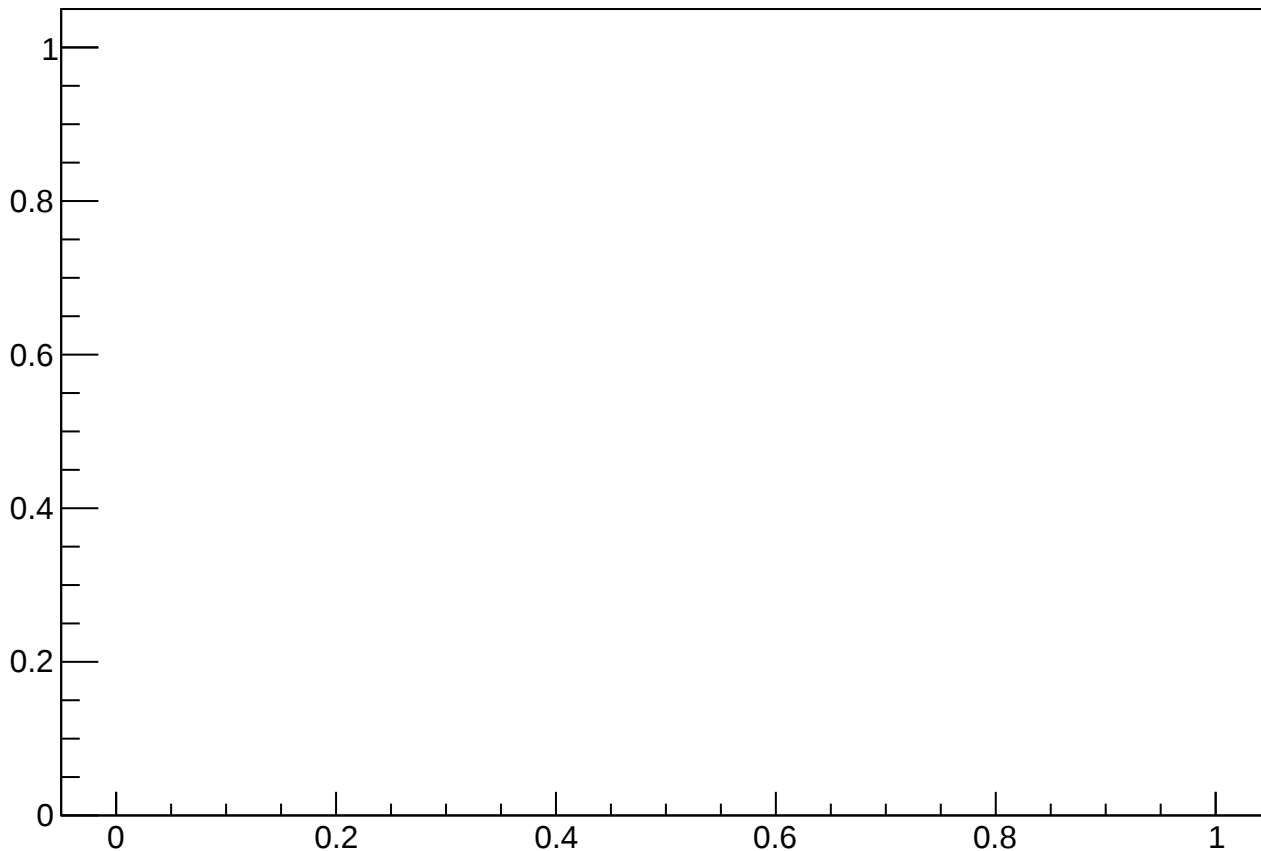
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

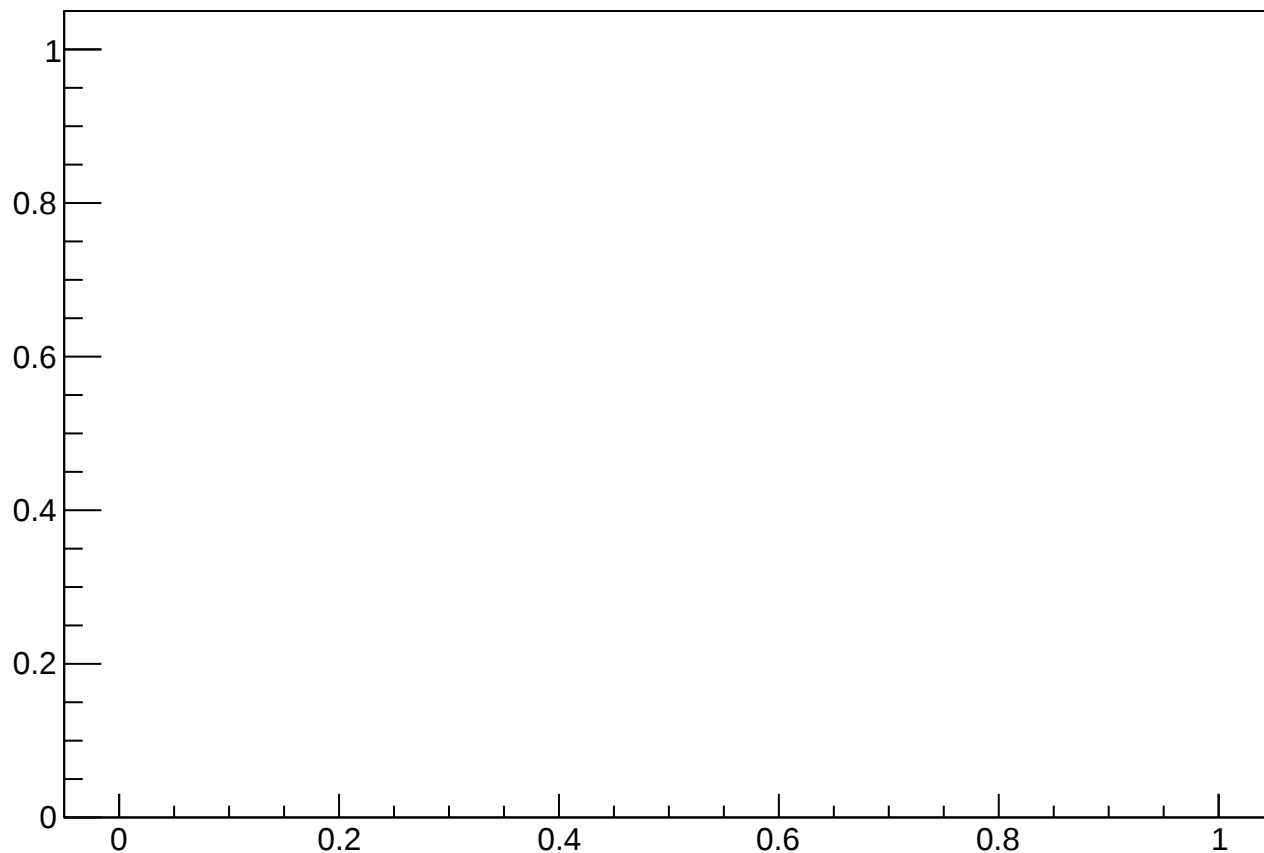
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

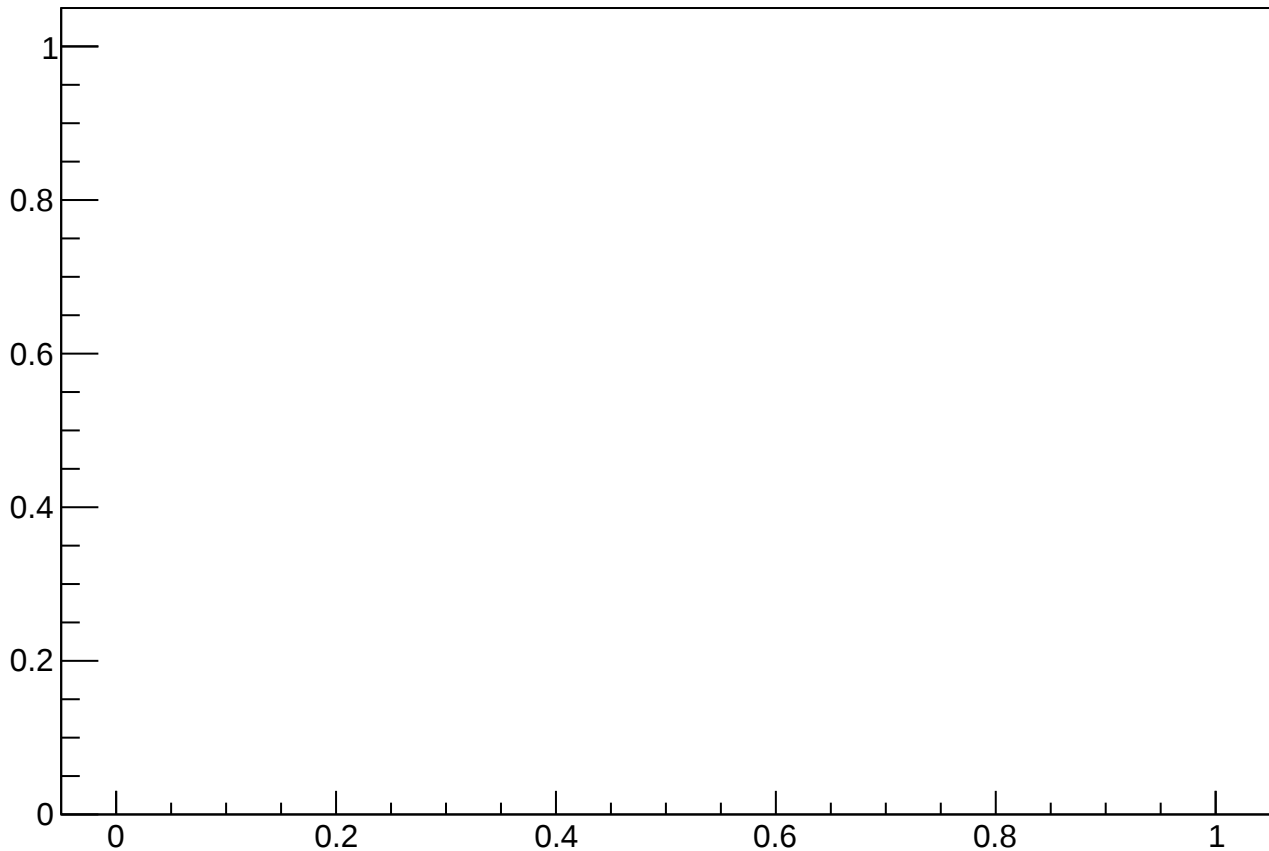
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

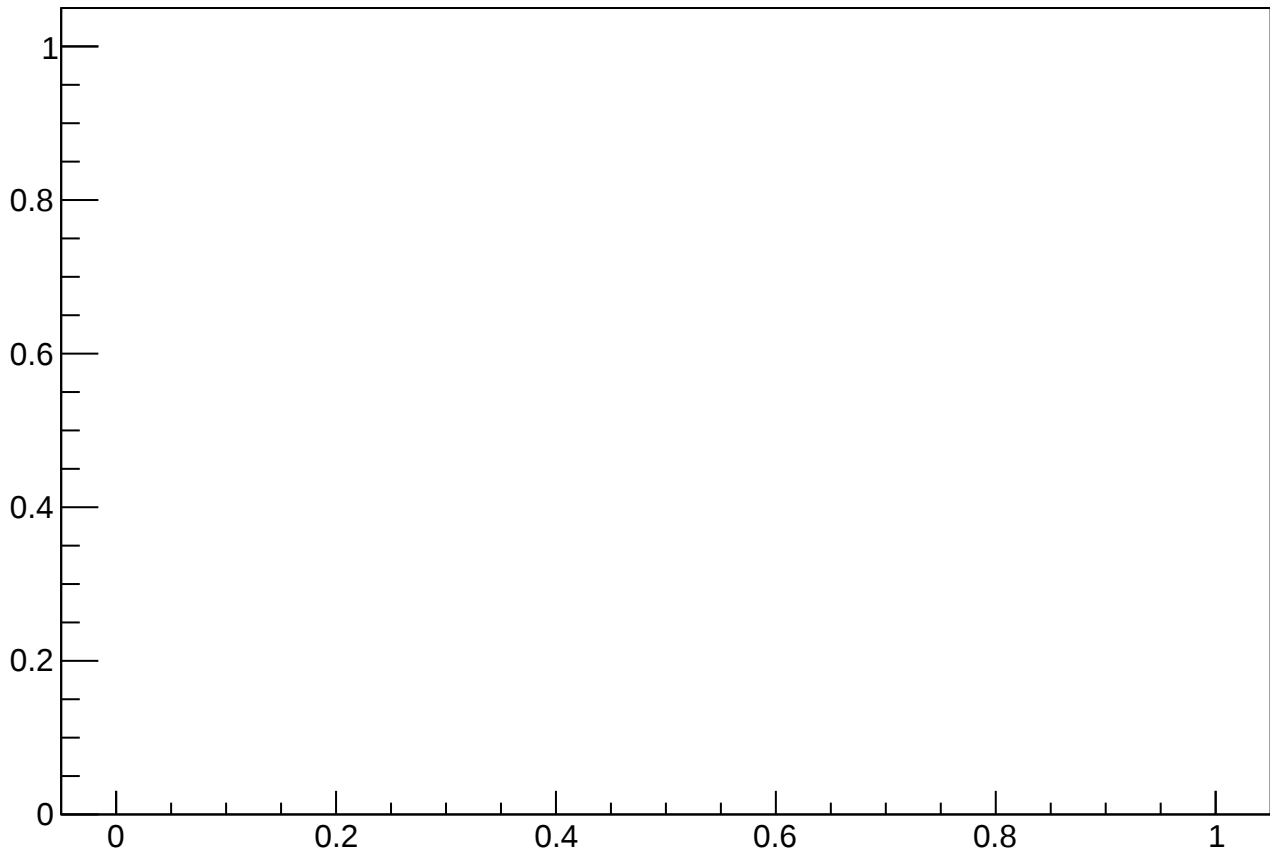
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

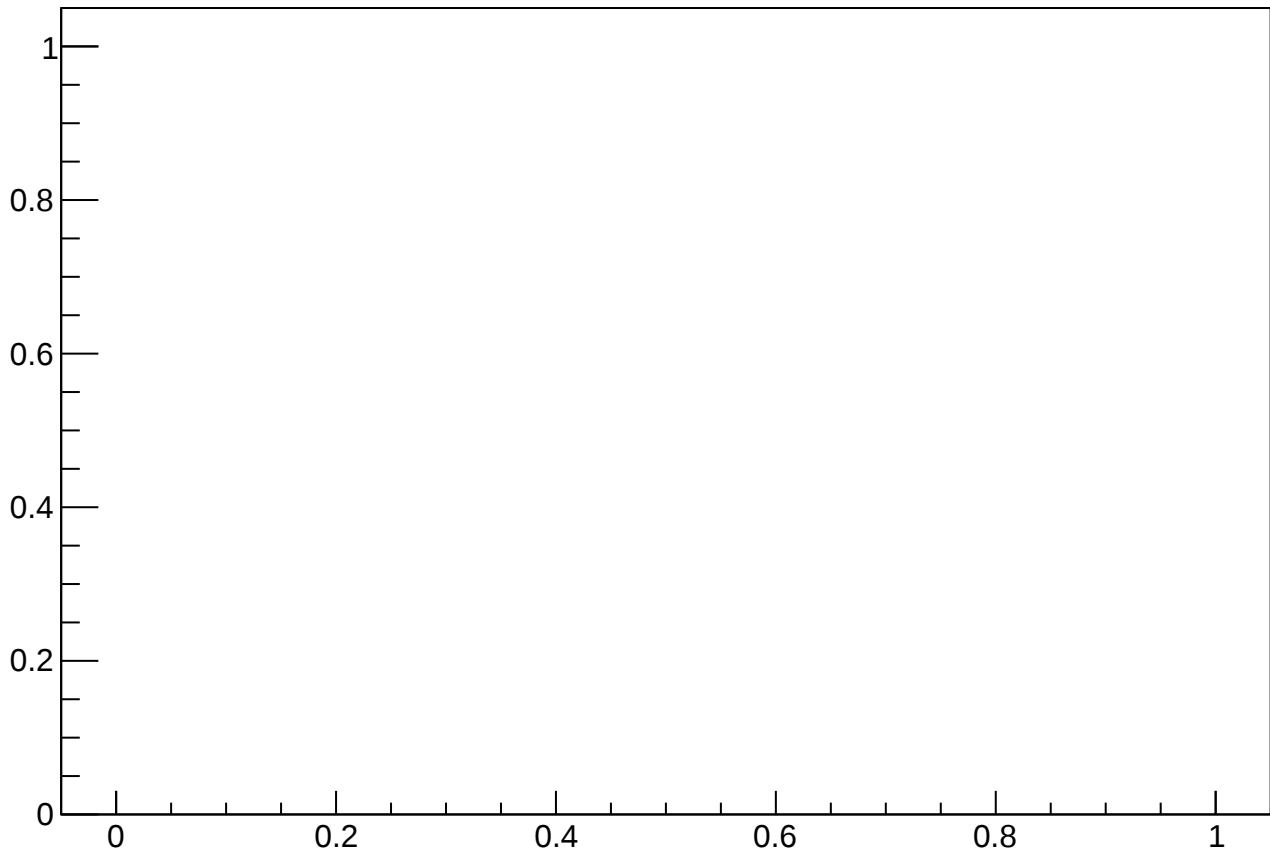
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

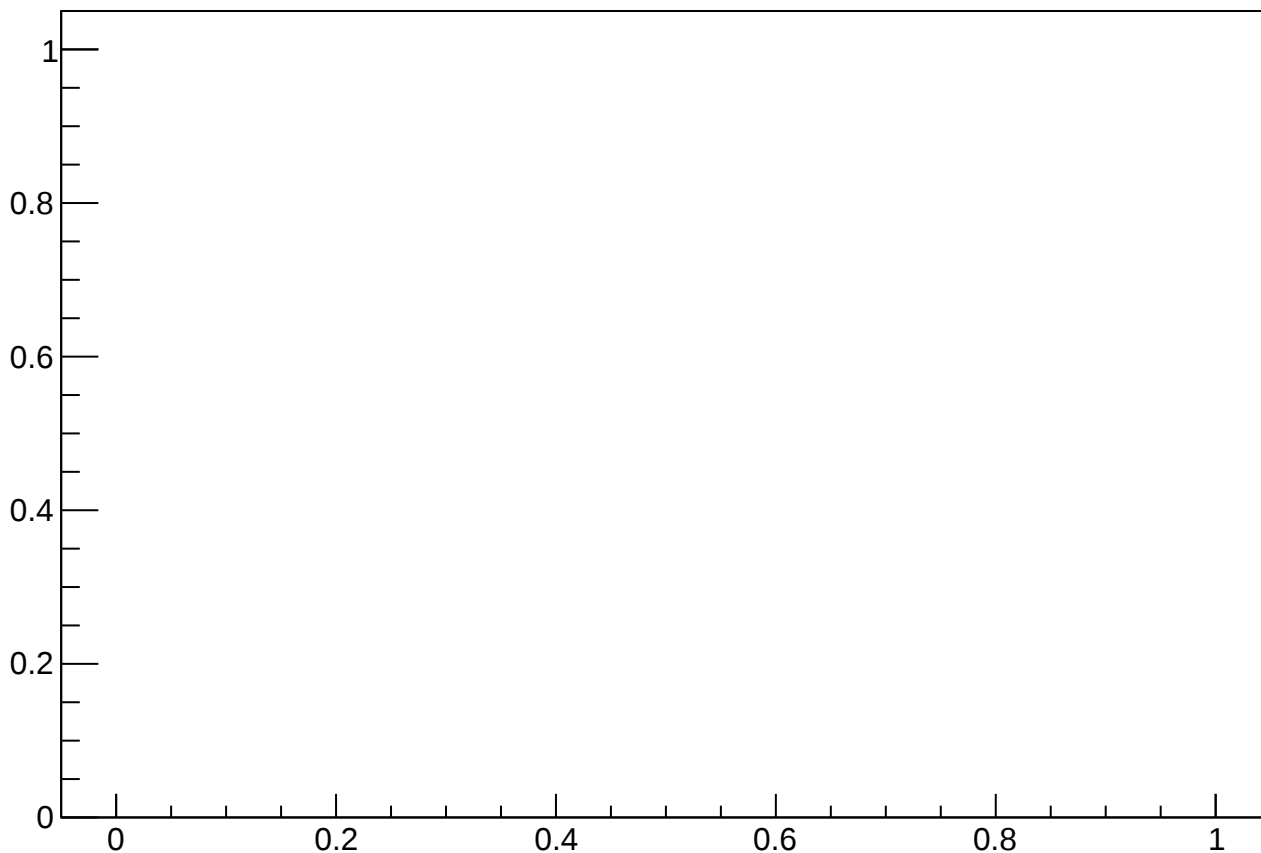
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

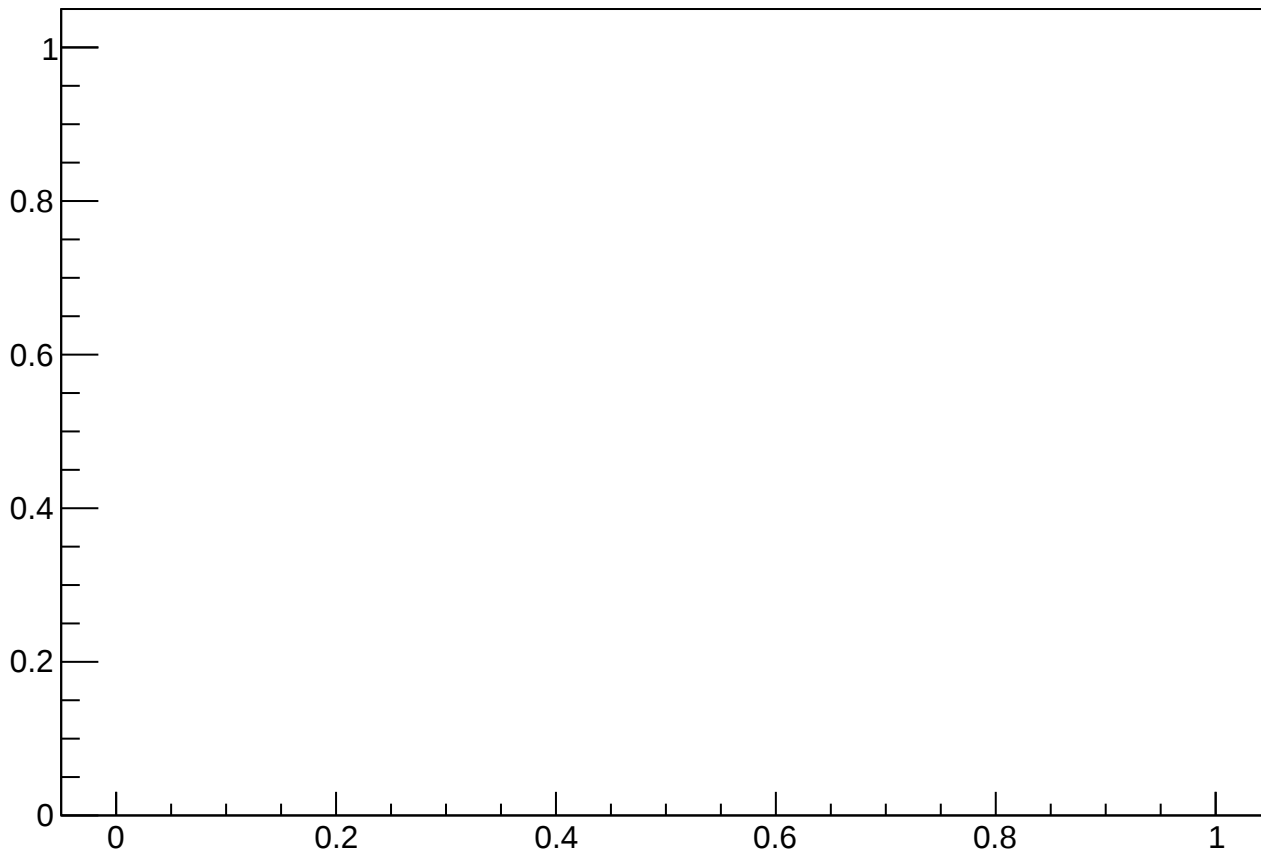
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

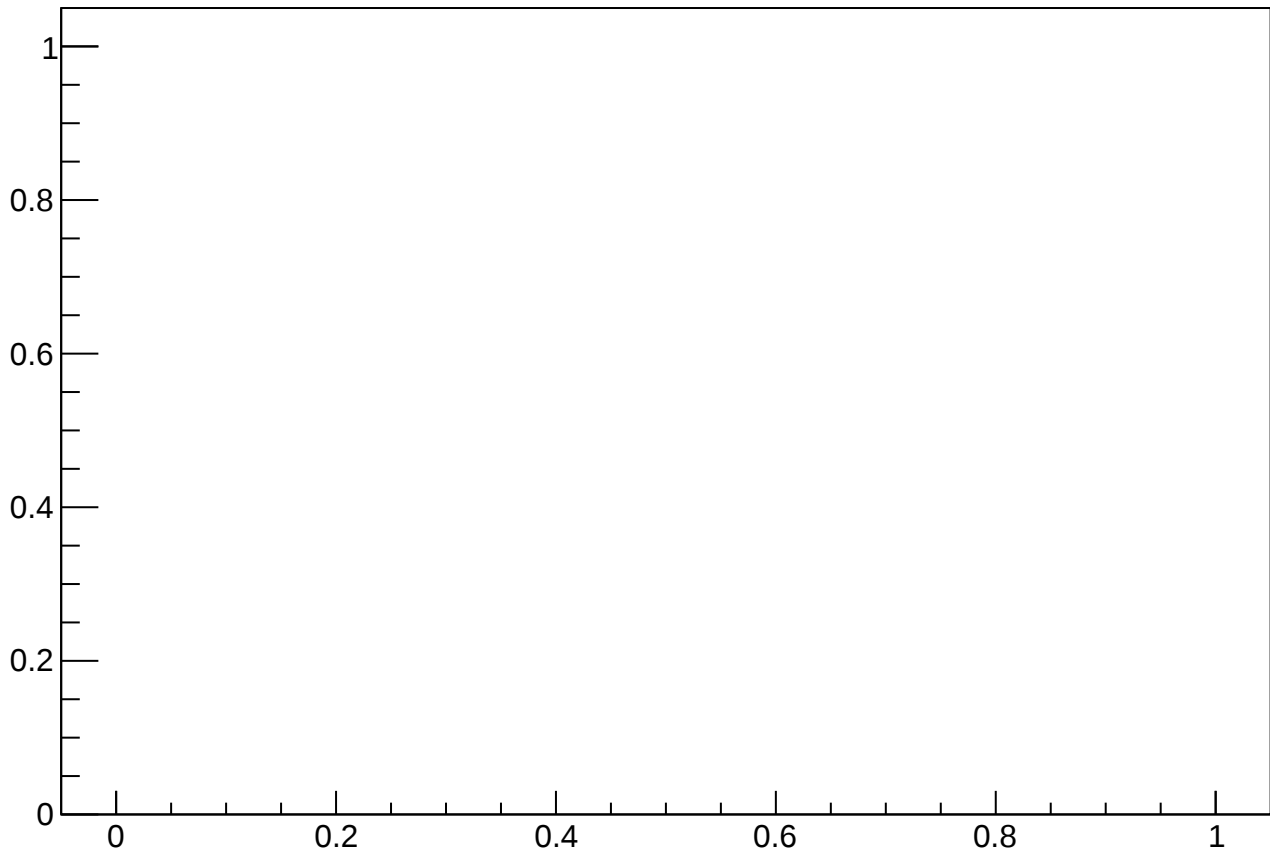
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

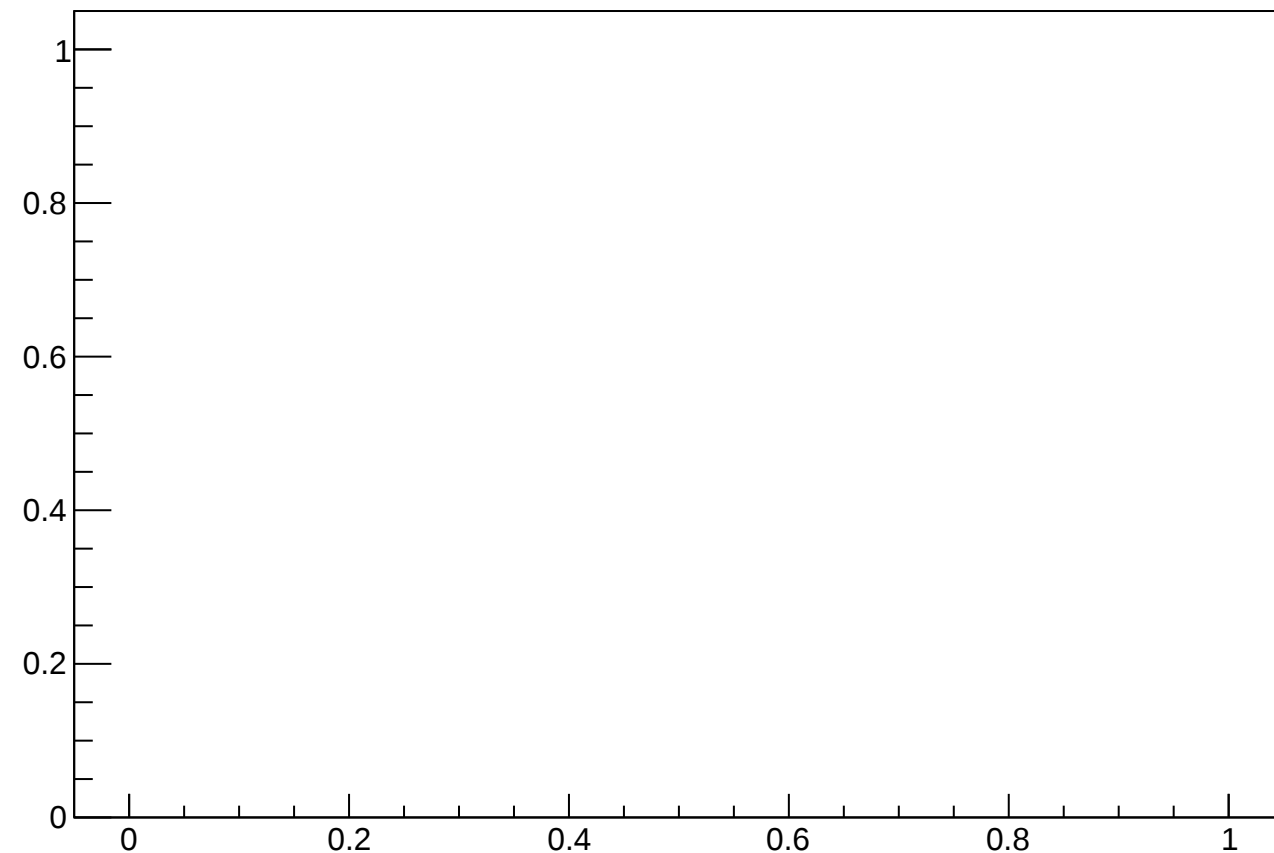
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

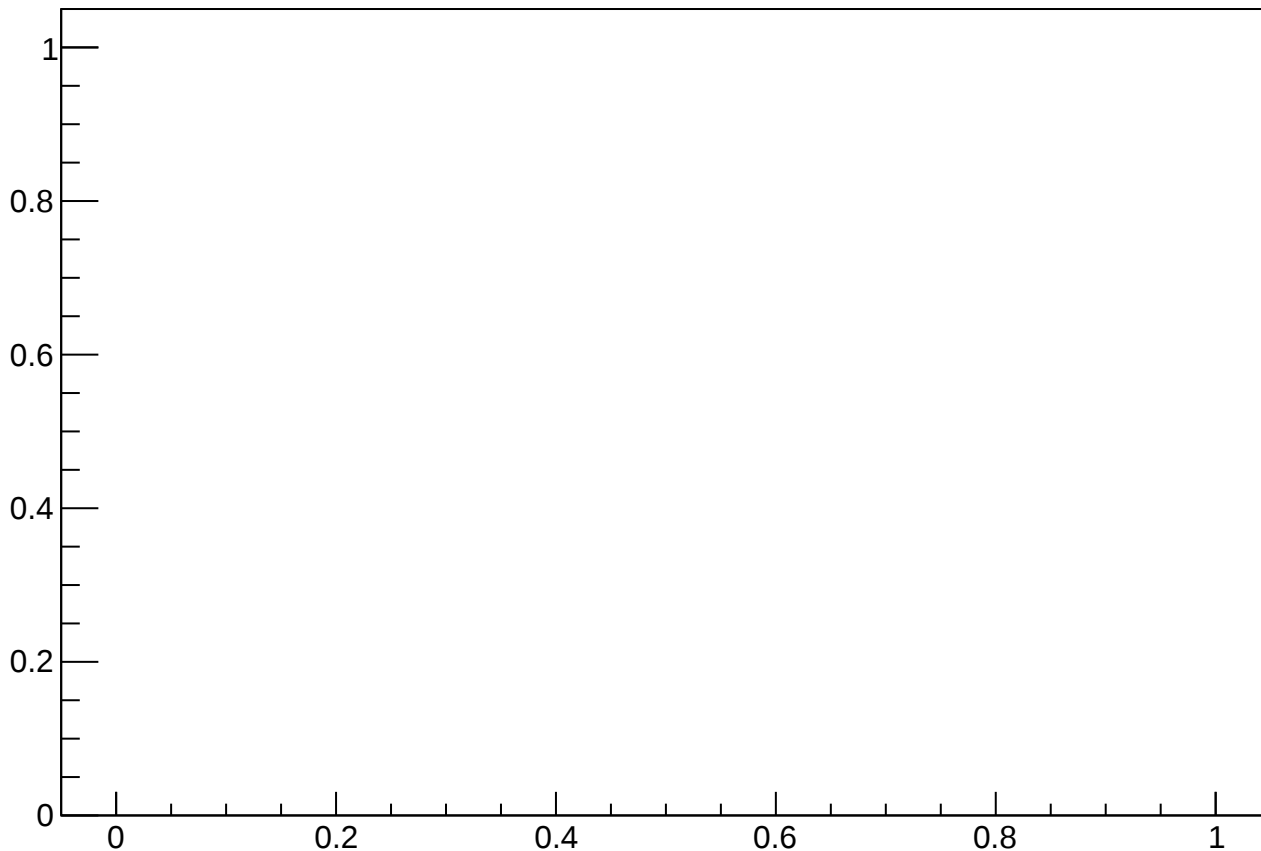
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

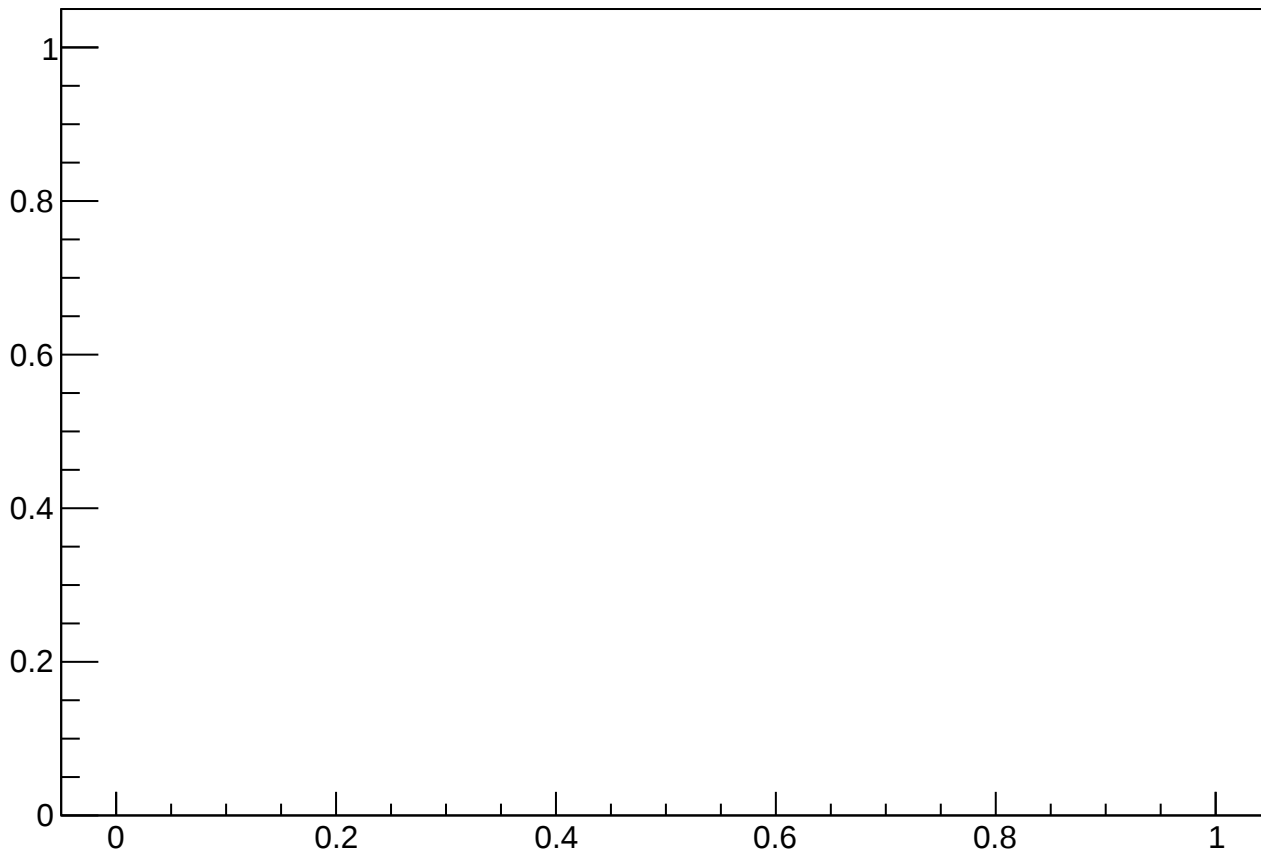
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

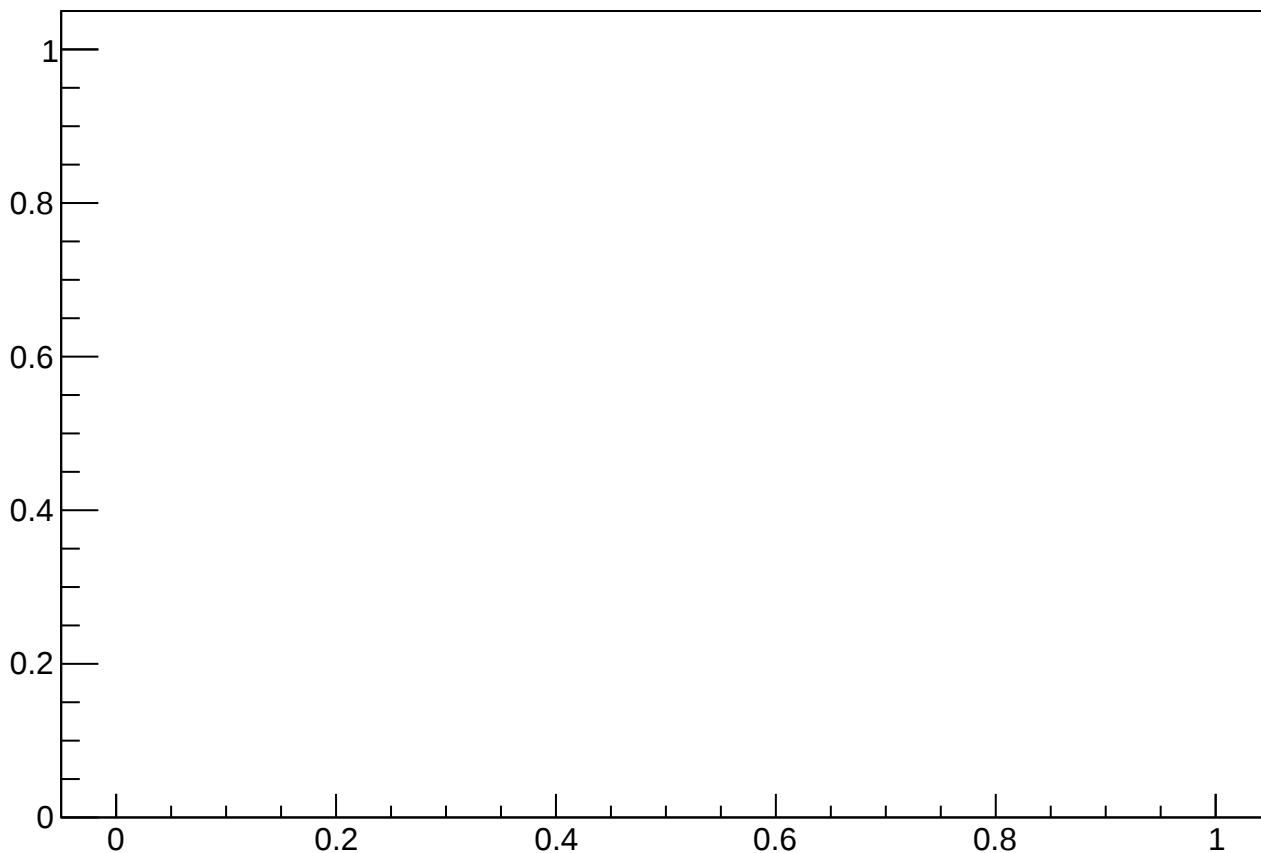
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

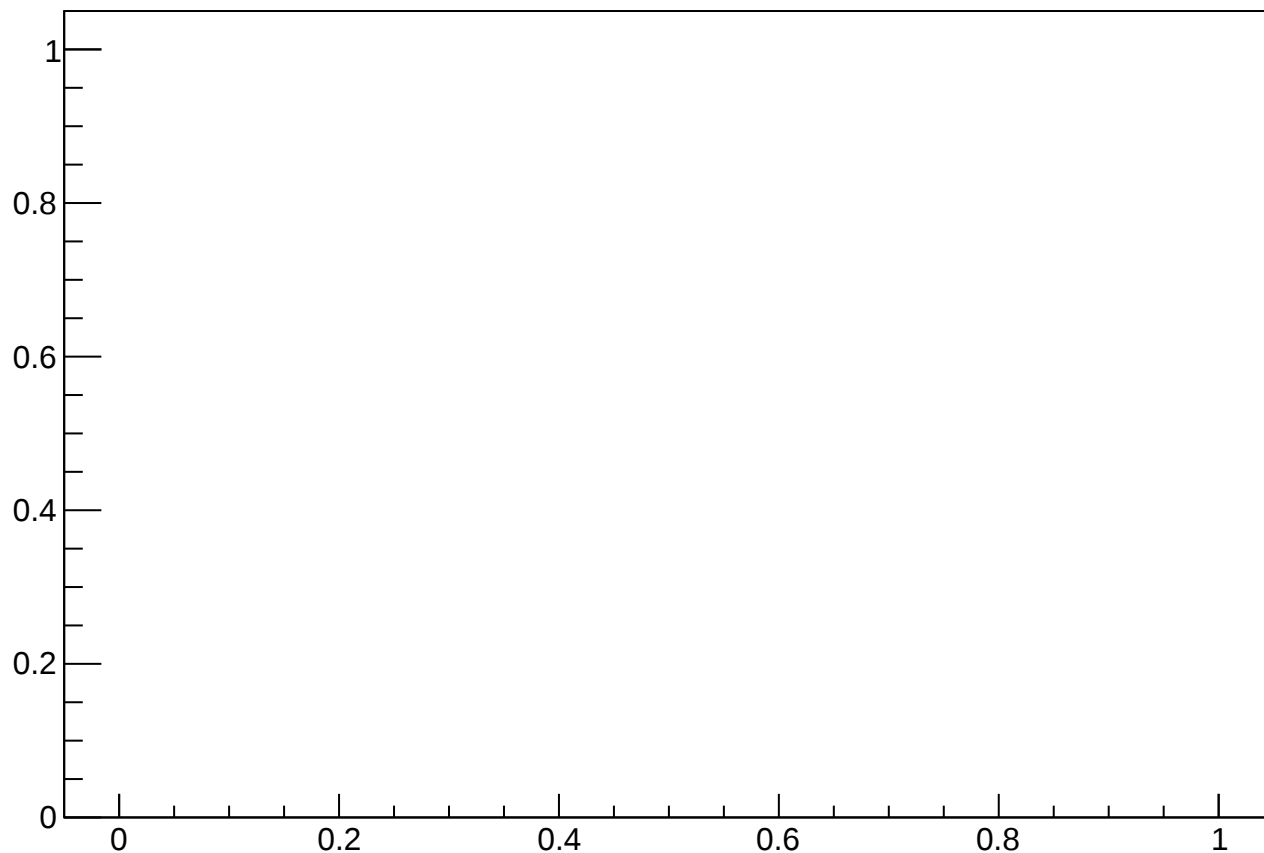
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 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_sam2_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

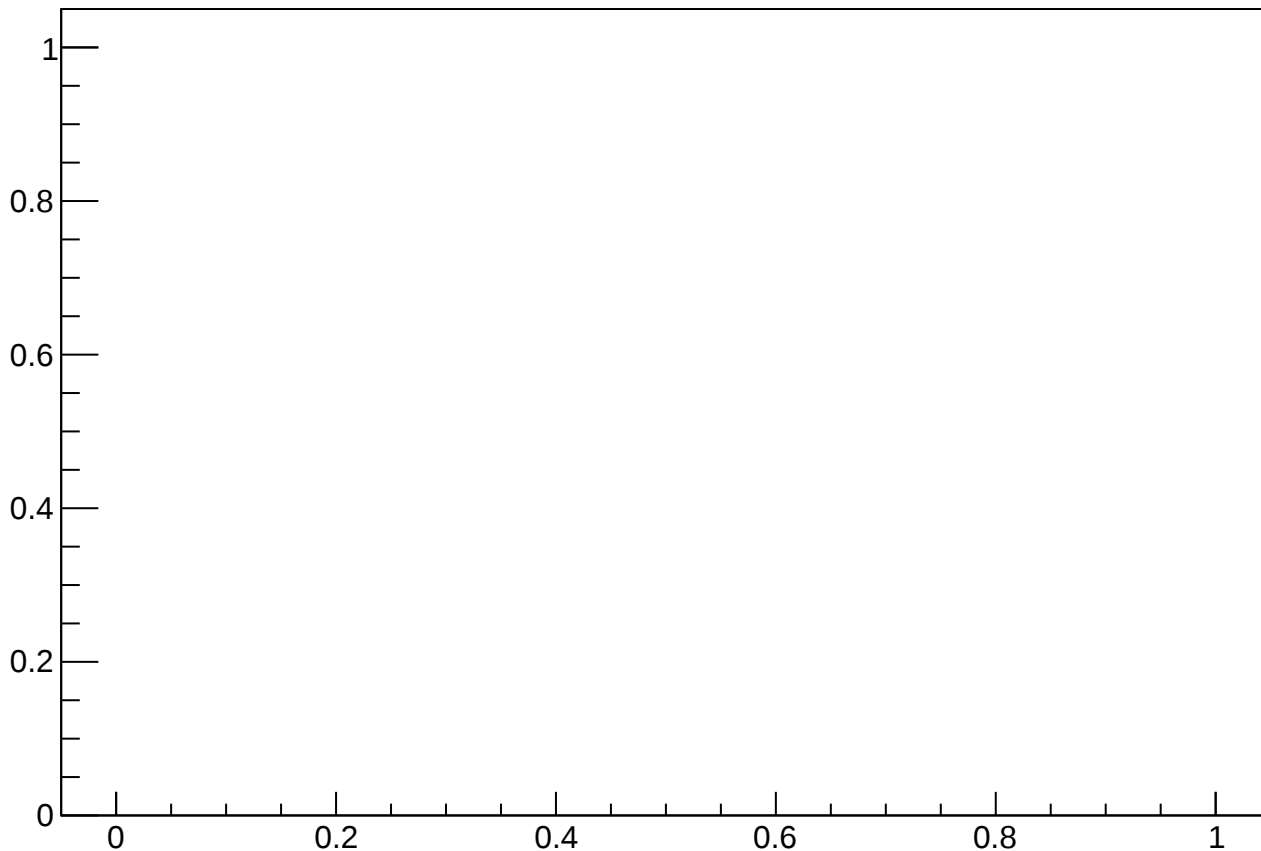
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

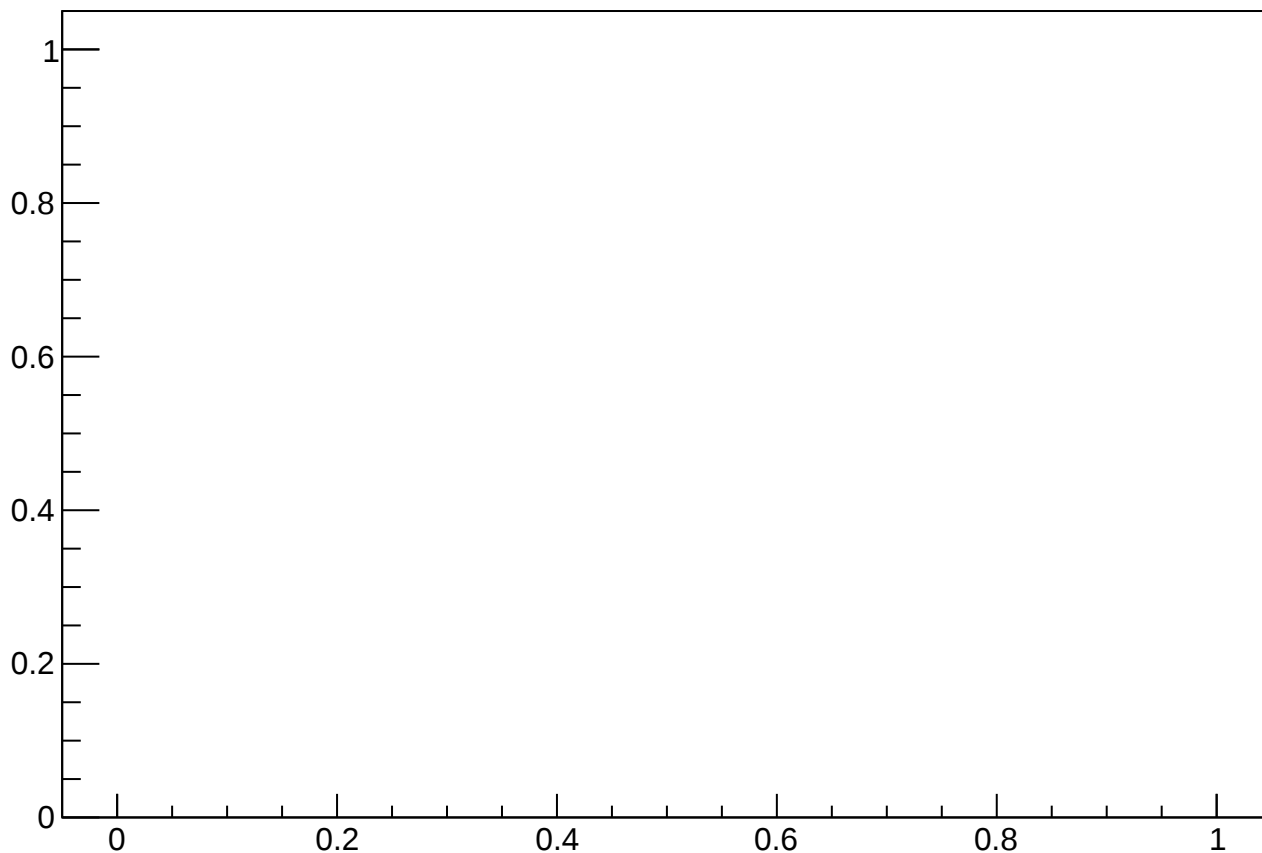
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

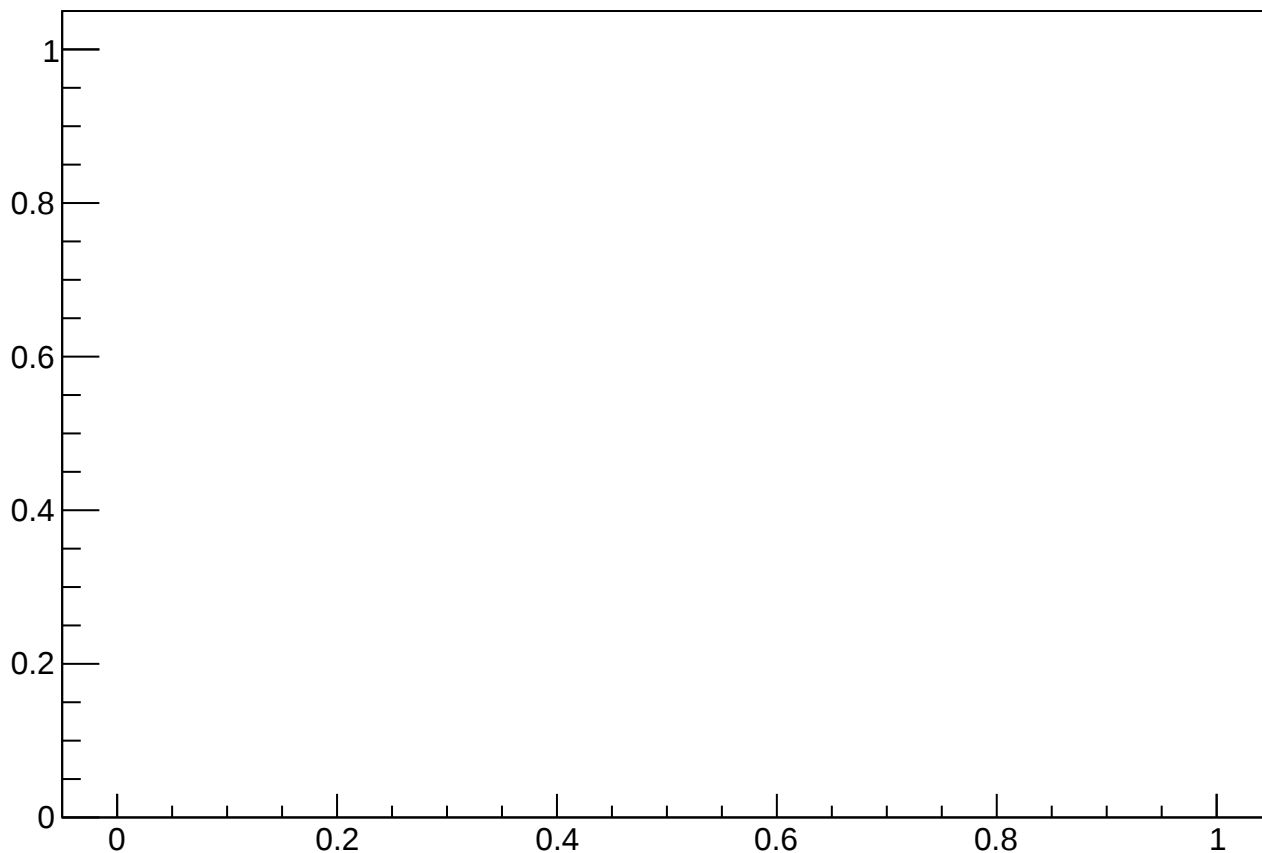
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

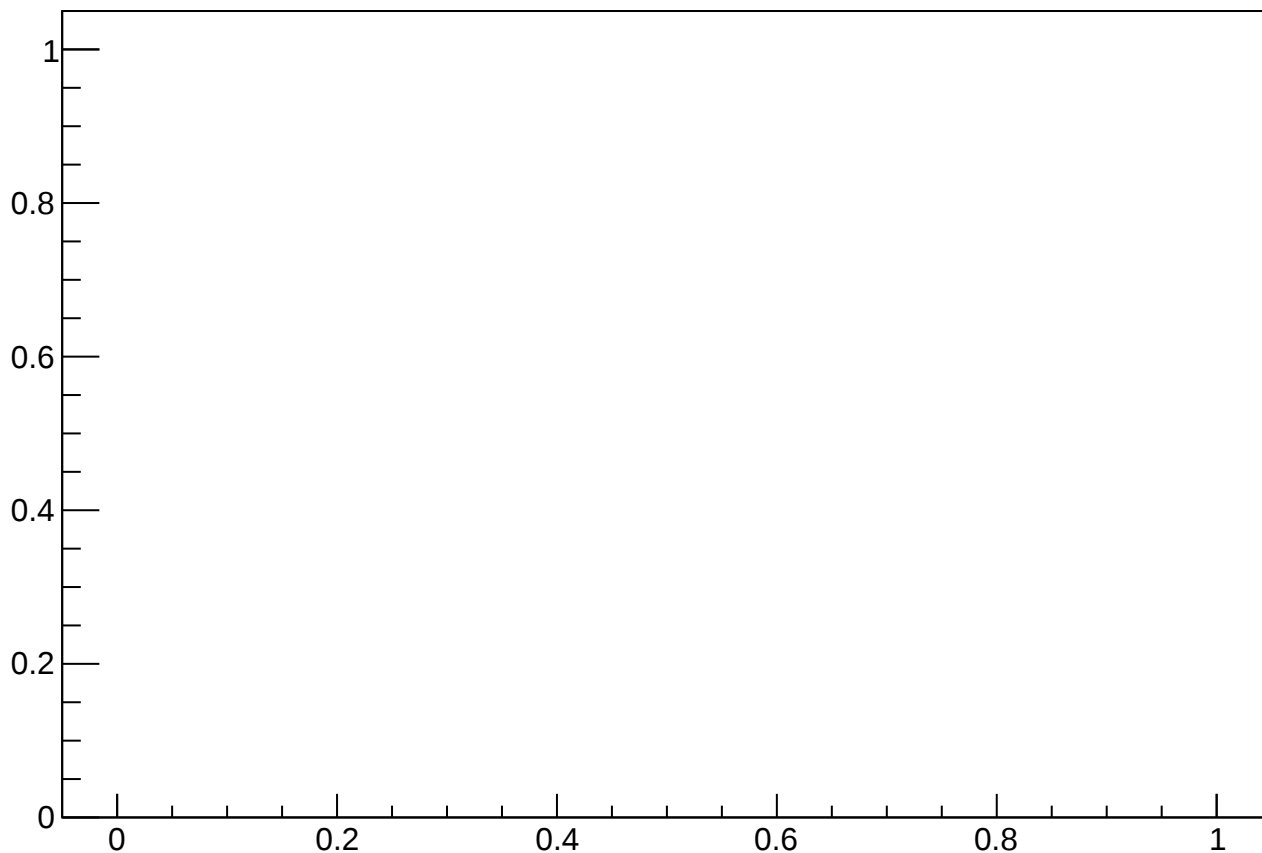
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

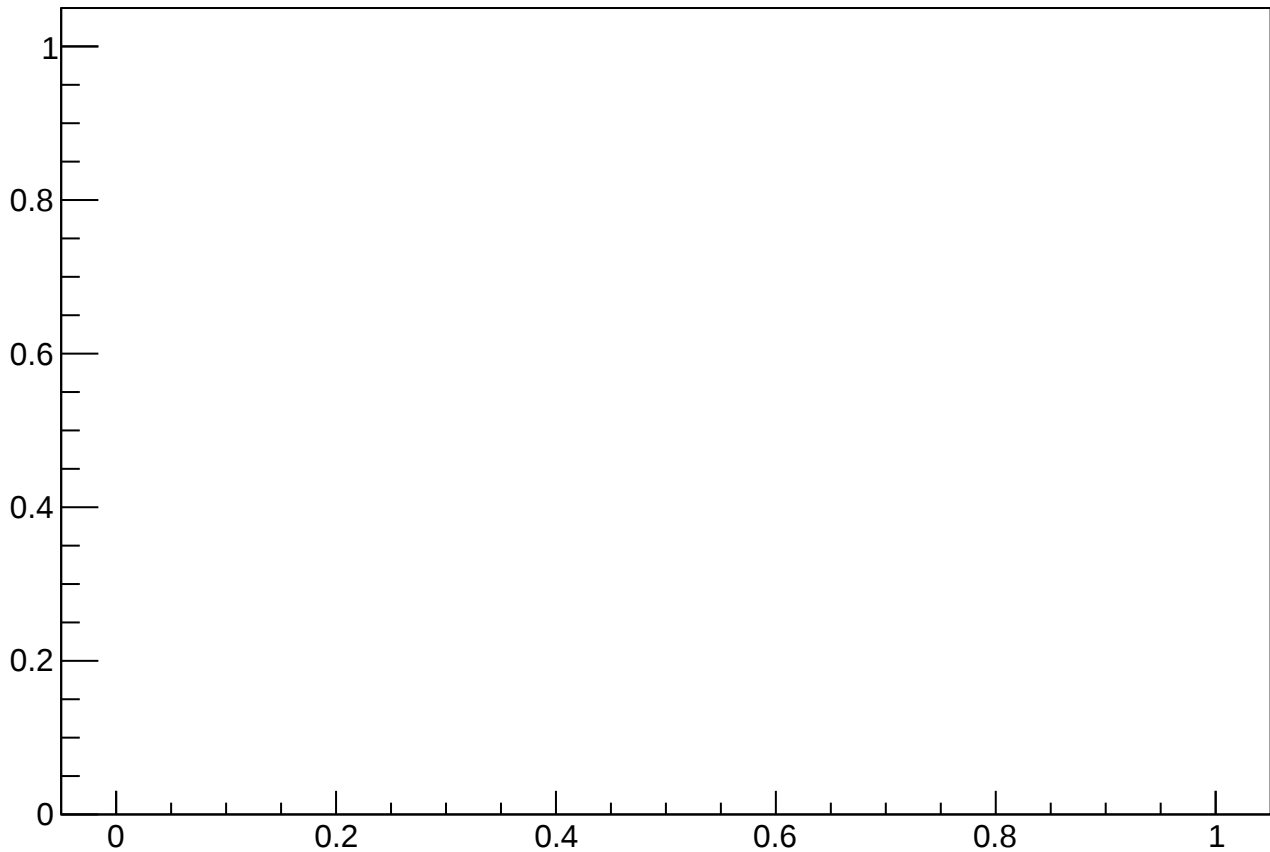
dit_flag_mean vs Slug, Sign Corrected



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

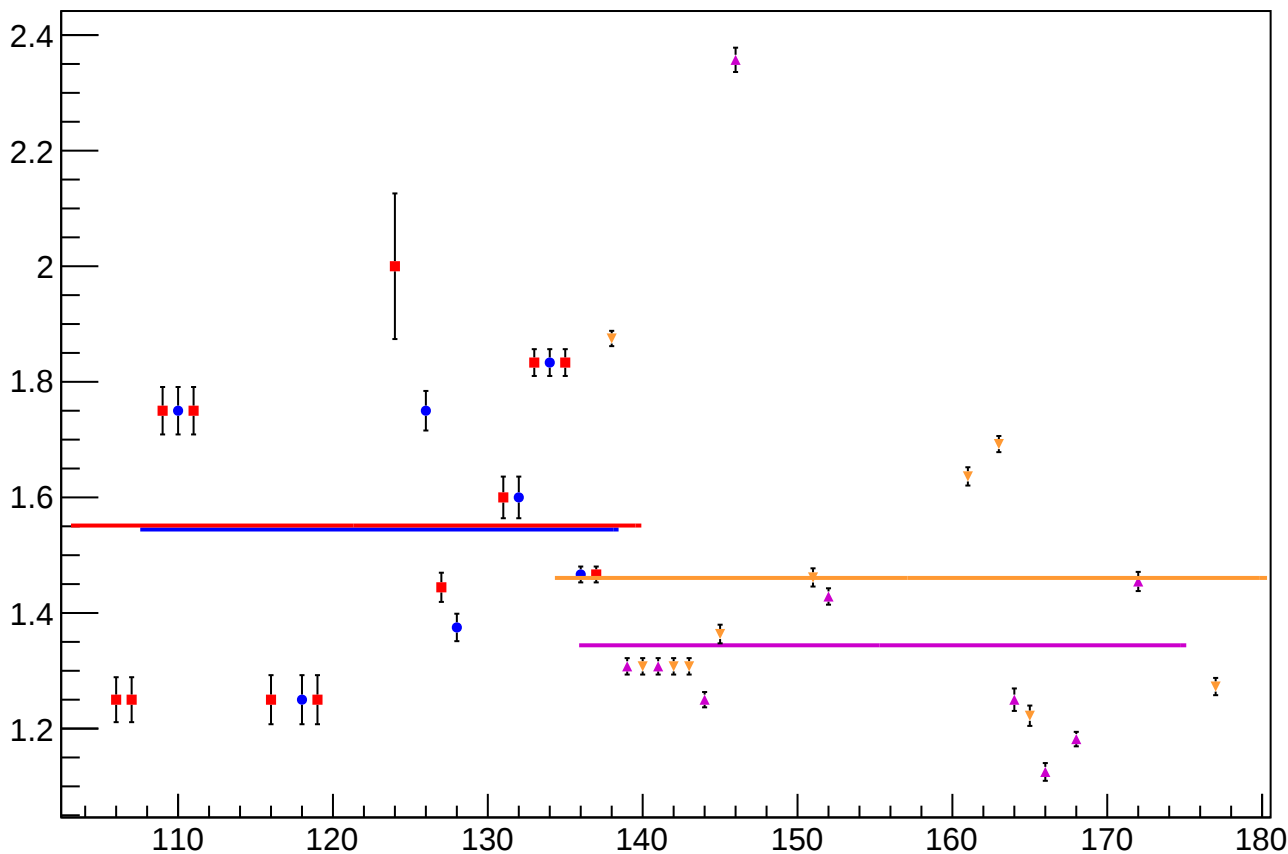
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

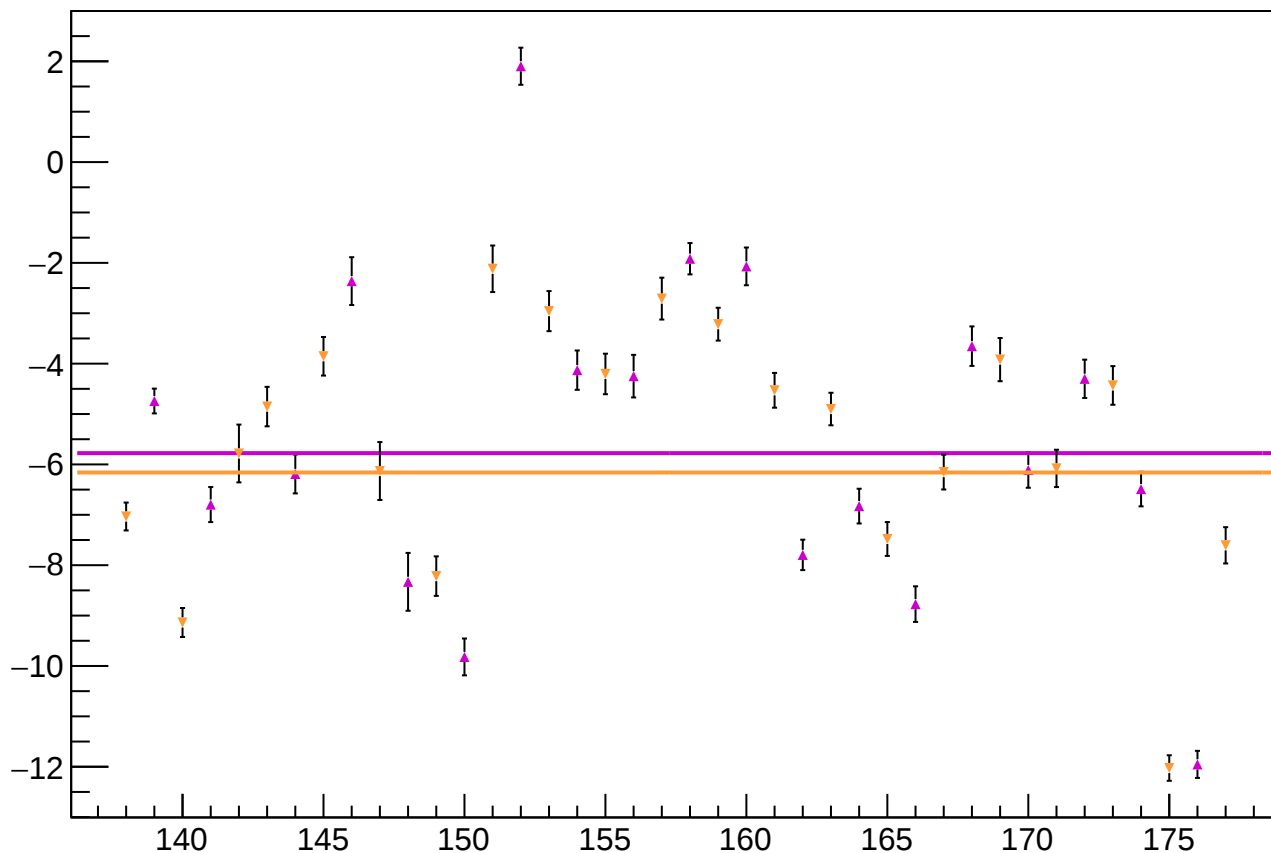
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

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

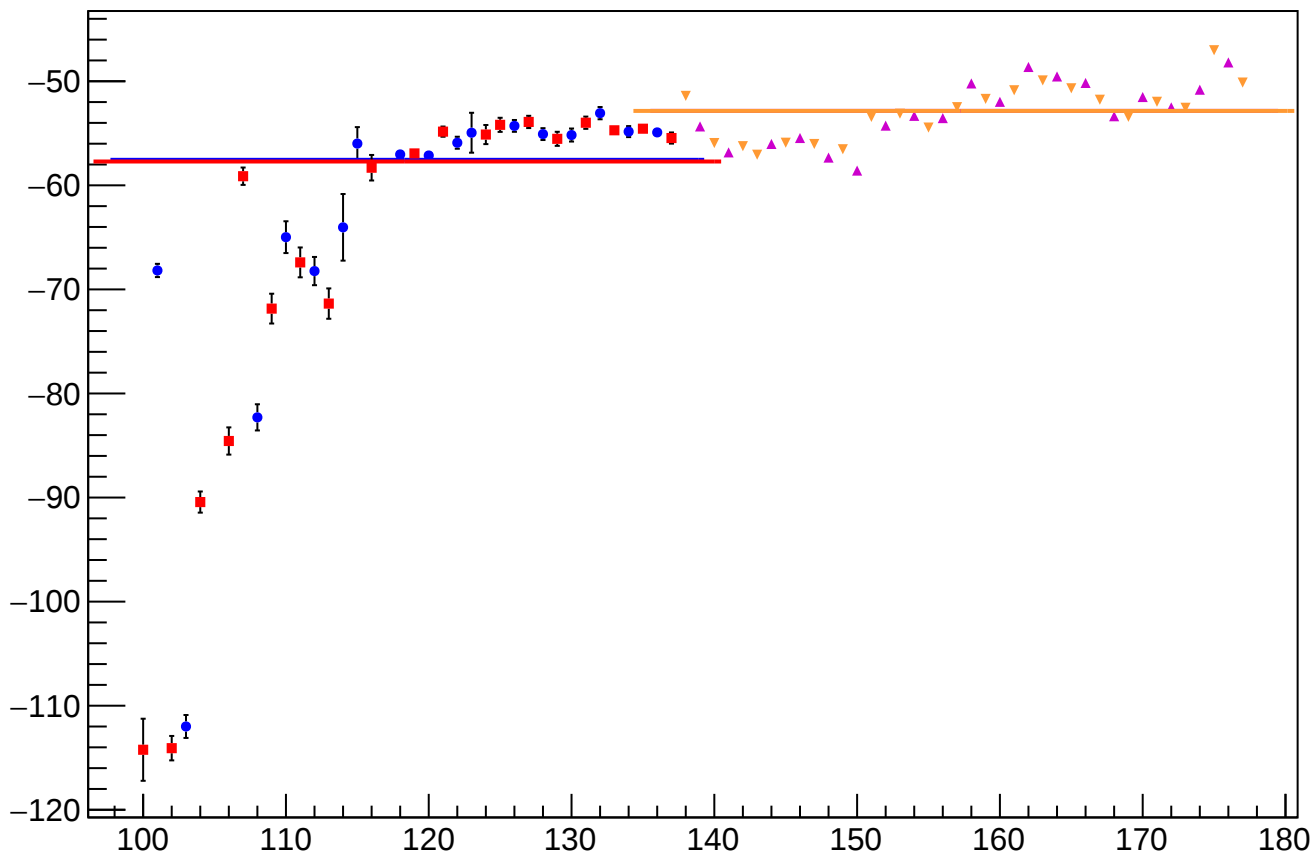
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.160 $\pm$ 0.079 χ^2 /NDF:1160.4/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.776 $\pm$ 0.080 χ^2 /NDF:1642.3/18

Left: -5.972 $\pm$ 0.056 χ^2 /NDF: 2814.3/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.776 $\pm$ 0.080 χ^2 /NDF:1642.3/18
 Out: -6.160 $\pm$ 0.079 χ^2 /NDF:1160.4/20
 All: -5.972 $\pm$ 0.056 χ^2 /NDF: 2814.3/39

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: -52.848 ± 0.063 χ^2/NDF : 2349.2/18

Left: -52.849 ± 0.044 χ^2/NDF : 4285.2/39

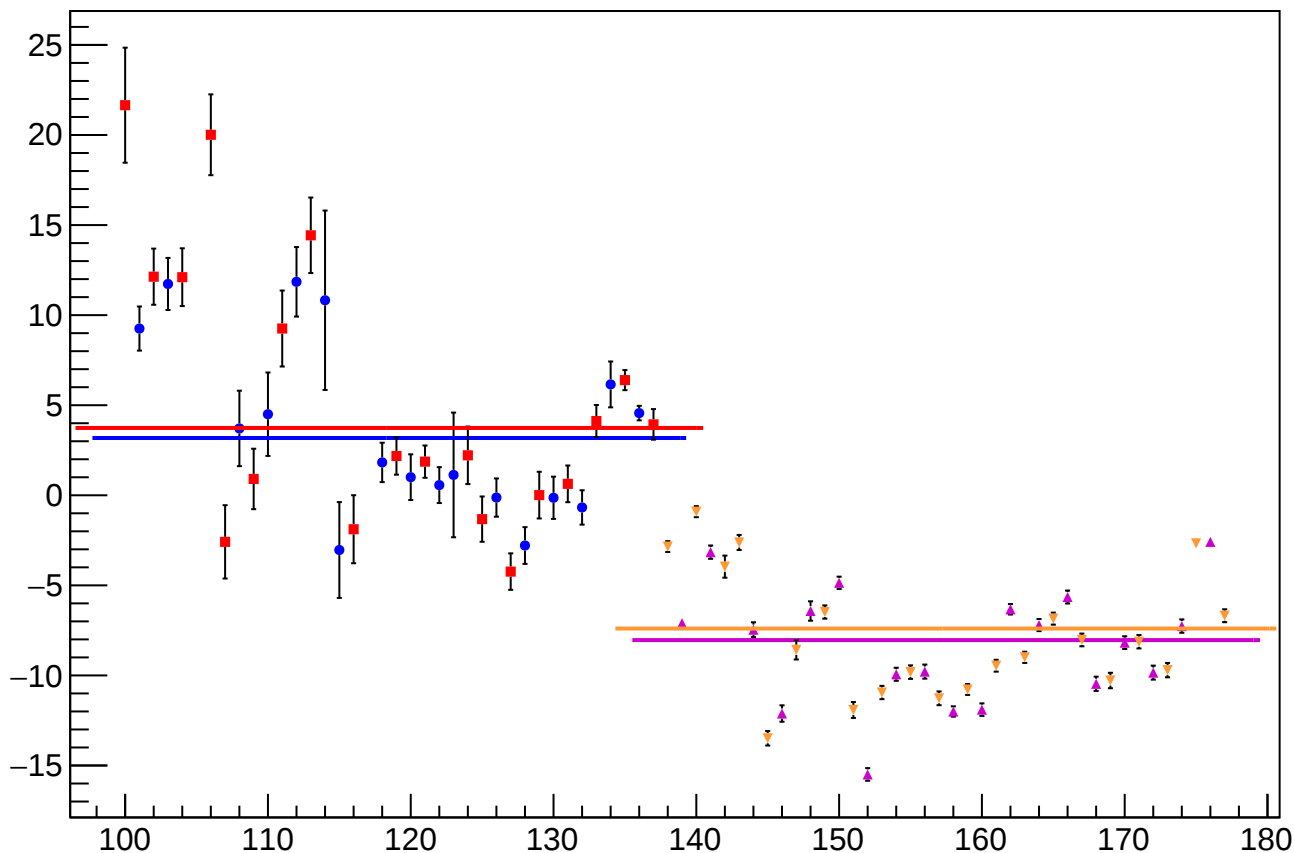
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -53.634 ± 0.058 χ^2/NDF : 6727.7/35

Out: -53.590 ± 0.056 χ^2/NDF : 7622.8/39

All: -53.611 ± 0.040 χ^2/NDF : 14350.8/75

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.398 ± 0.078 $\chi^2/\text{NDF}: 2052.5/20$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -8.038 ± 0.080 $\chi^2/\text{NDF}: 1740.9/18$

Left: -7.712 ± 0.056 $\chi^2/\text{NDF}: 3826.3/39$

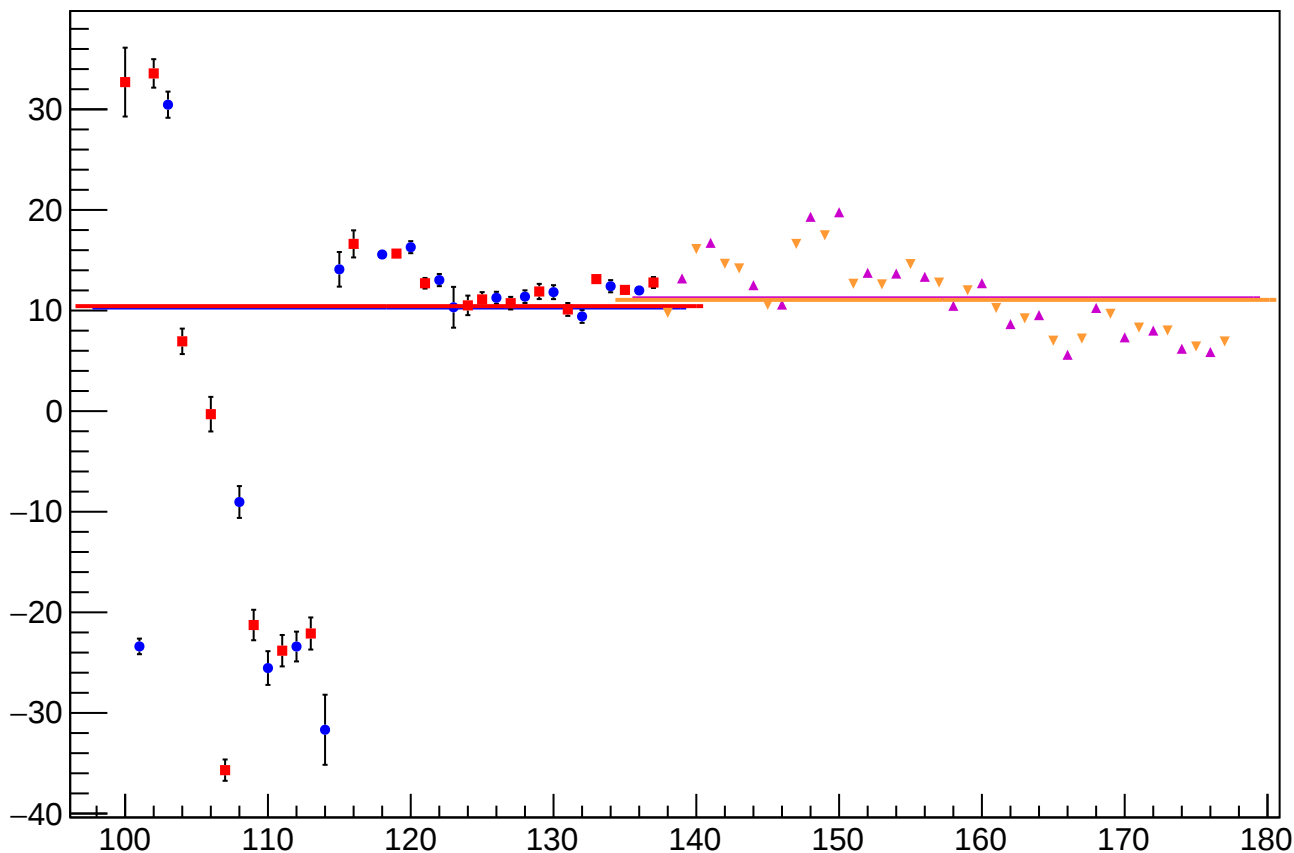
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -7.061 ± 0.076 $\chi^2/\text{NDF}: 3652.6/35$

Out: -6.517 ± 0.075 $\chi^2/\text{NDF}: 3976.1/39$

All: -6.785 ± 0.053 $\chi^2/\text{NDF}: 7654.6/75$

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: 11.215+/-0.071 χ^2/NDF : 3203.2/18

Left: 11.134+/-0.049 χ^2/NDF : 5582.5/39

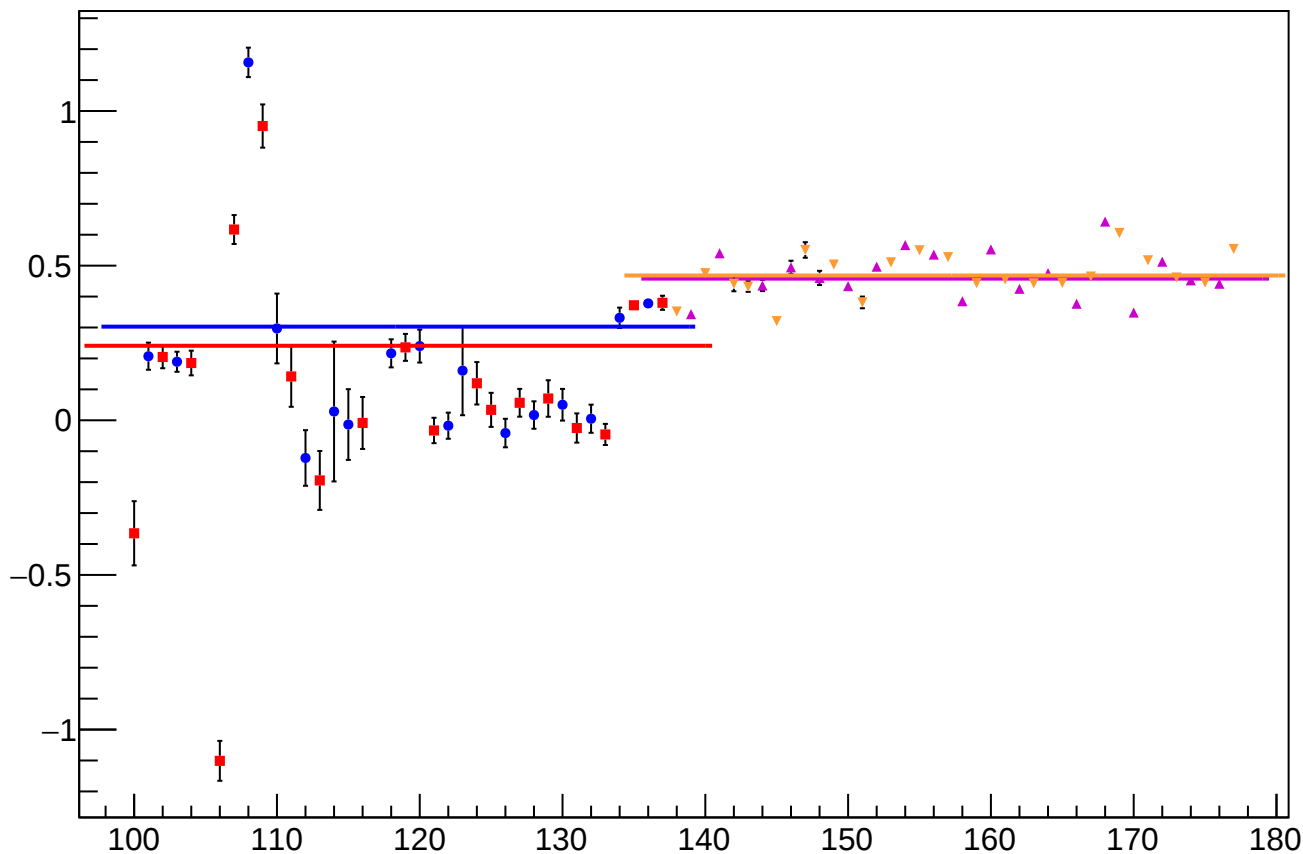
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 11.060+/-0.065 χ^2/NDF : 6930.7/35

Out: 10.964+/-0.063 χ^2/NDF : 6218.5/39

All: 11.011+/-0.045 χ^2/NDF : 13150.4/75

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.468 ± 0.003 χ^2/NDF : 446.8/20

Right Out: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.458 ± 0.003 χ^2/NDF : 687.0/18

Left: 0.463 ± 0.002 χ^2/NDF : 1139.3/39

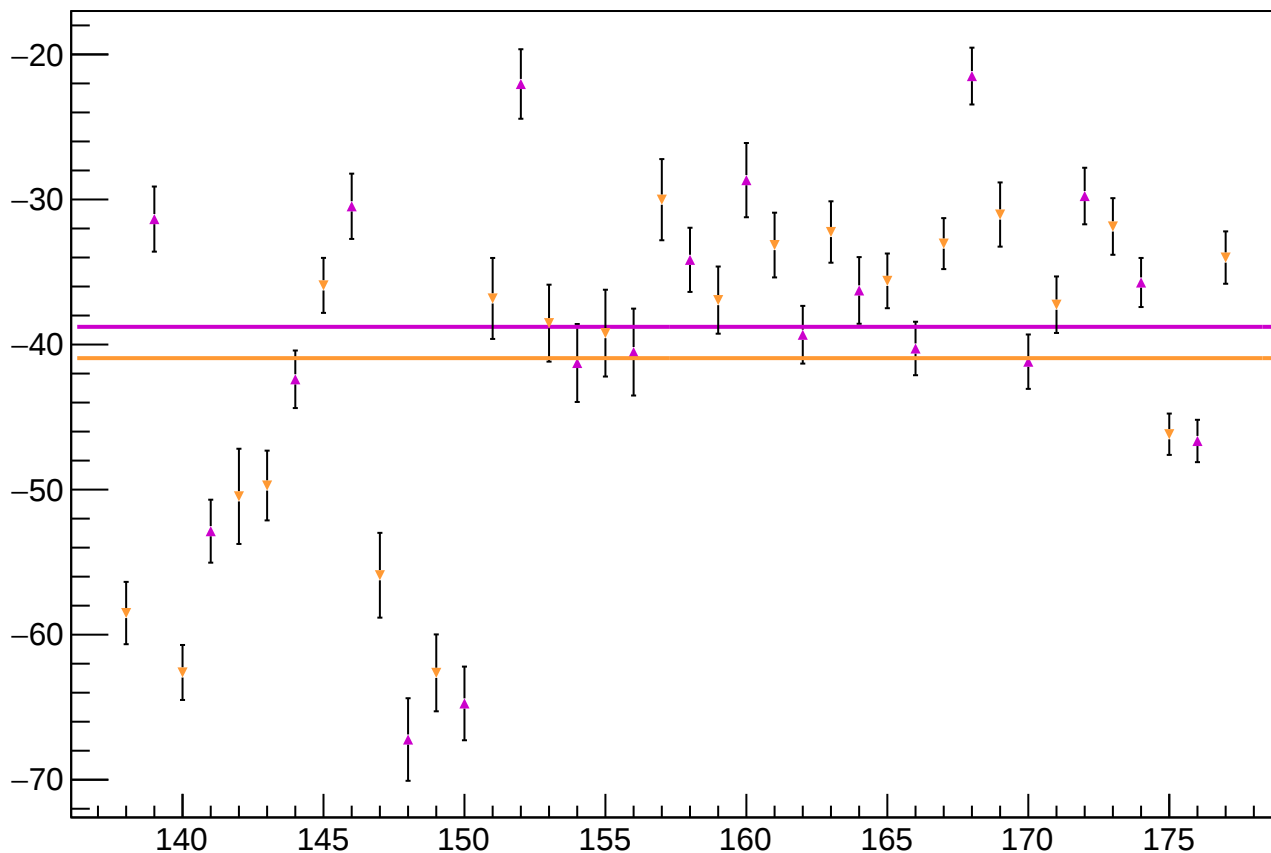
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.439 ± 0.003 χ^2/NDF : 1648.6/35

Out: 0.442 ± 0.003 χ^2/NDF : 2069.7/39

All: 0.440 ± 0.002 χ^2/NDF : 3718.8/75

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: -38.779+/-0.483 χ^2/NDF :479.6/18

Left: -39.891+/-0.336 χ^2/NDF : 961.9/39

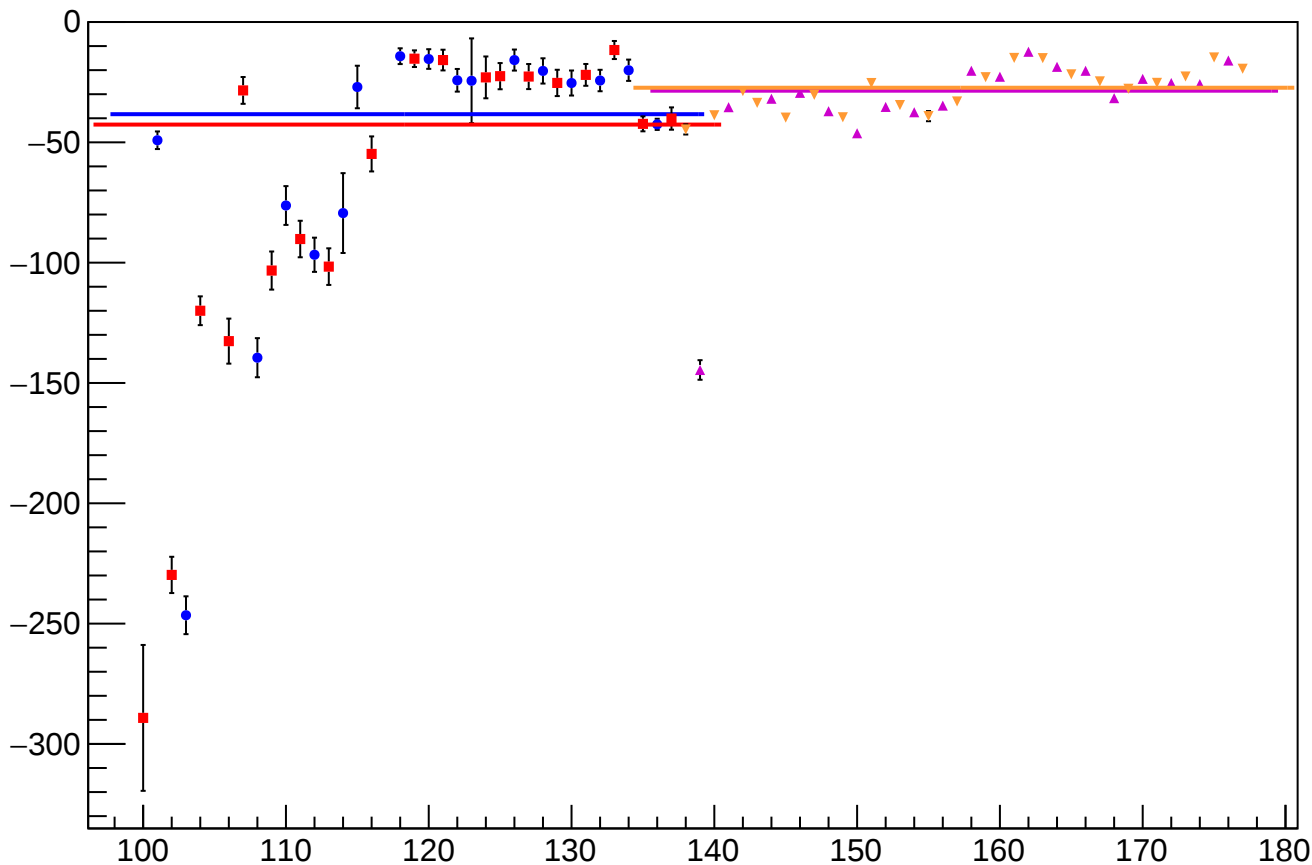
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.779+/-0.483 χ^2/NDF :479.6/18

Out: -40.937+/-0.469 χ^2/NDF :471.9/20

All: -39.891+/-0.336 χ^2/NDF : 961.9/39

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: -28.539 ± 0.369 $\chi^2/\text{NDF}: 1336.5/18$

Left: -27.900 ± 0.255 $\chi^2/\text{NDF}: 1926.8/39$

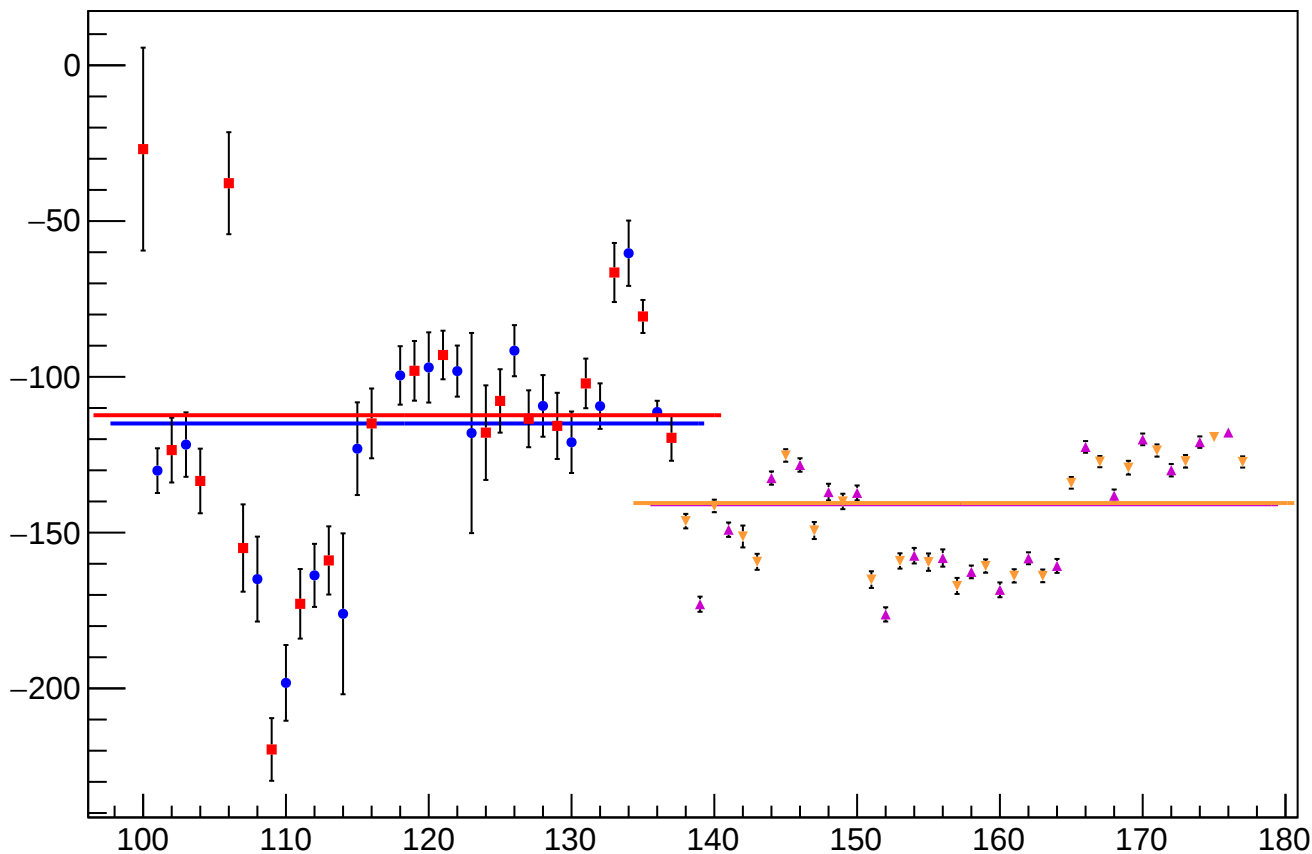
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -29.468 ± 0.351 $\chi^2/\text{NDF}: 2535.9/35$

Out: -28.521 ± 0.339 $\chi^2/\text{NDF}: 2076.8/39$

All: -28.979 ± 0.244 $\chi^2/\text{NDF}: 4616.5/75$

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: -140.895 ± 0.481 $\chi^2/\text{NDF}: 1591.2/18$

Left: -140.697 ± 0.335 $\chi^2/\text{NDF}: 2849.7/39$

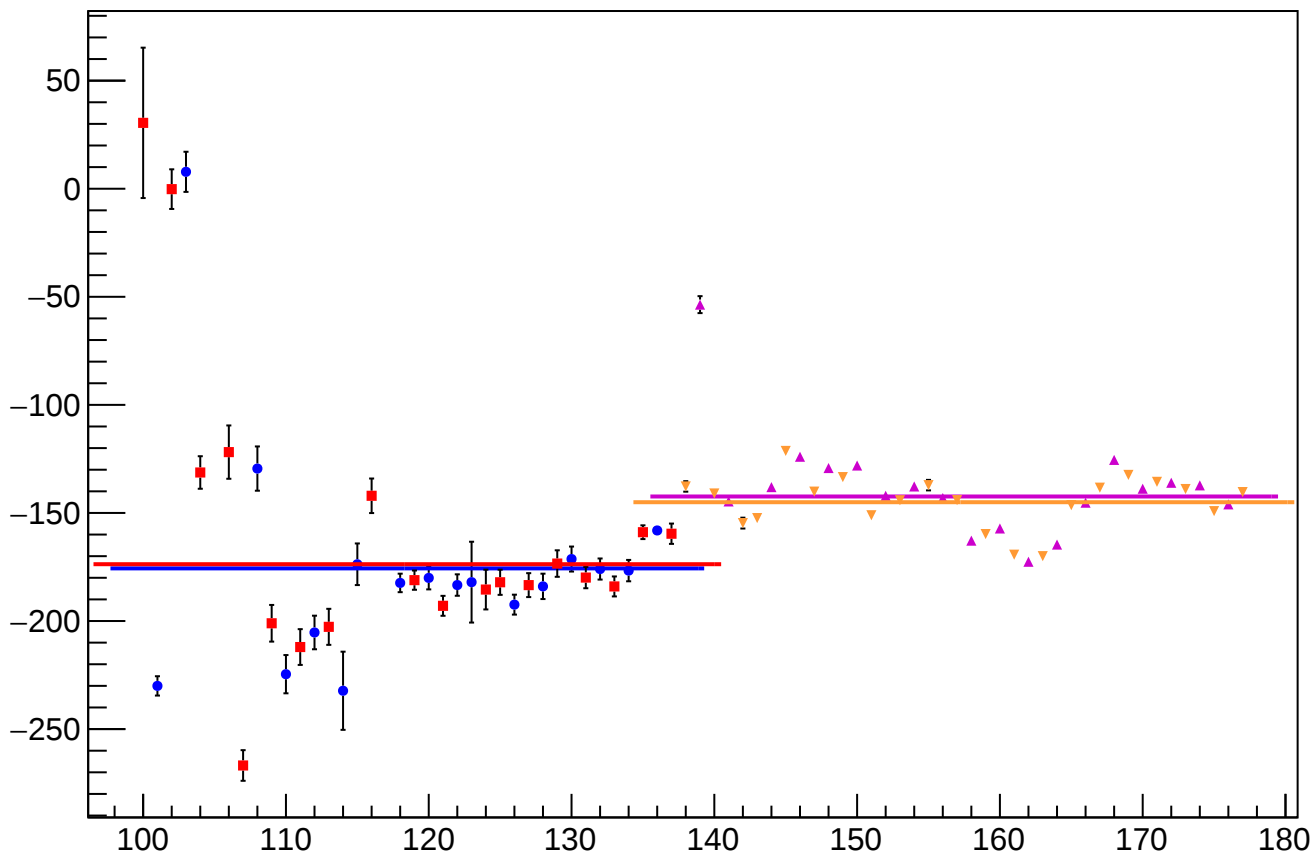
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -139.575 ± 0.468 $\chi^2/\text{NDF}: 1880.9/35$

Out: -139.296 ± 0.458 $\chi^2/\text{NDF}: 1688.5/39$

All: -139.433 ± 0.327 $\chi^2/\text{NDF}: 3569.6/75$

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: -142.386 ± 0.417 $\chi^2/\text{NDF}: 1531.6/18$

Left: -143.765 ± 0.289 $\chi^2/\text{NDF}: 2472.8/39$

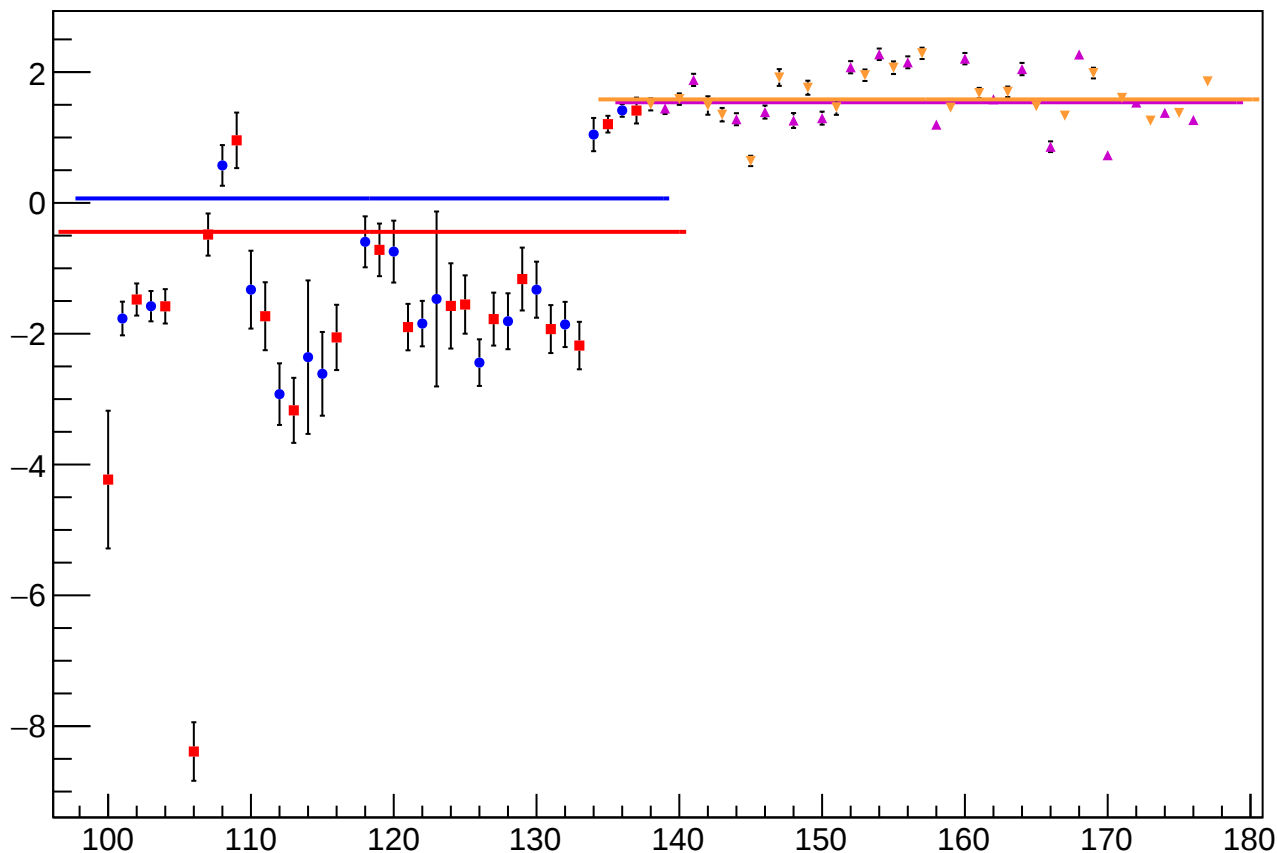
Right: -174.745 ± 0.926 $\chi^2/\text{NDF}: 1431.2/35$

In: -145.630 ± 0.396 $\chi^2/\text{NDF}: 2843.7/35$

Out: -147.341 ± 0.384 $\chi^2/\text{NDF}: 2070.7/39$

All: -146.513 ± 0.276 $\chi^2/\text{NDF}: 4924.0/75$

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.583 ± 0.018 χ^2/NDF : 355.1/20

Right Out: -0.443 ± 0.071 χ^2/NDF : 755.9/18

Left In: 1.539 ± 0.019 χ^2/NDF : 622.5/18

Left: 1.561 ± 0.013 χ^2/NDF : 980.4/39

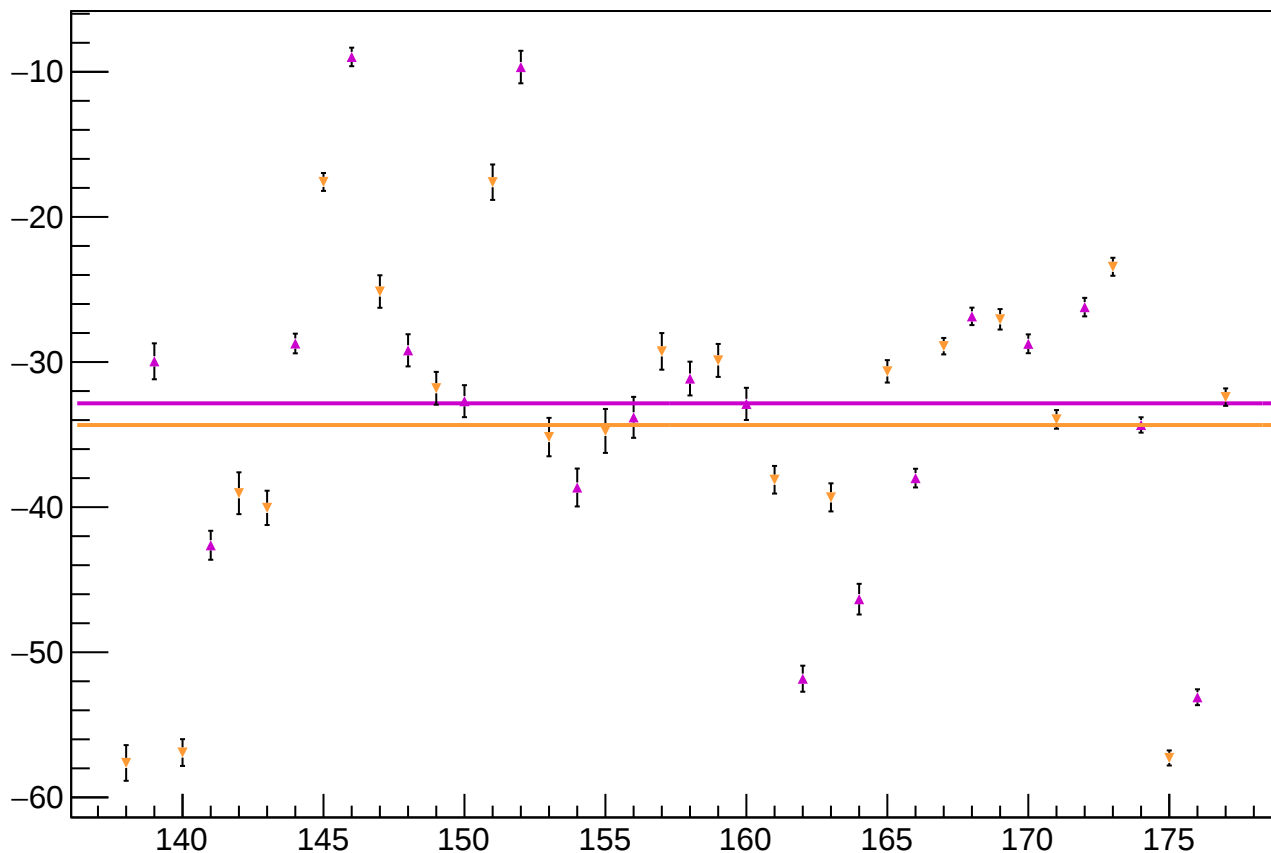
Right: -0.172 ± 0.049 χ^2/NDF : 1309.1/35

In: 1.432 ± 0.018 χ^2/NDF : 1595.0/35

Out: 1.455 ± 0.018 χ^2/NDF : 1871.6/39

All: 1.444 ± 0.013 χ^2/NDF : 3467.3/75

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -34.341 $\pm$ 0.180 χ^2 /NDF:4557.2/20

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

Left In: -32.846 $\pm$ 0.181 χ^2 /NDF:4298.3/18

Left: -33.597 $\pm$ 0.128 χ^2 /NDF: 8889.7/39

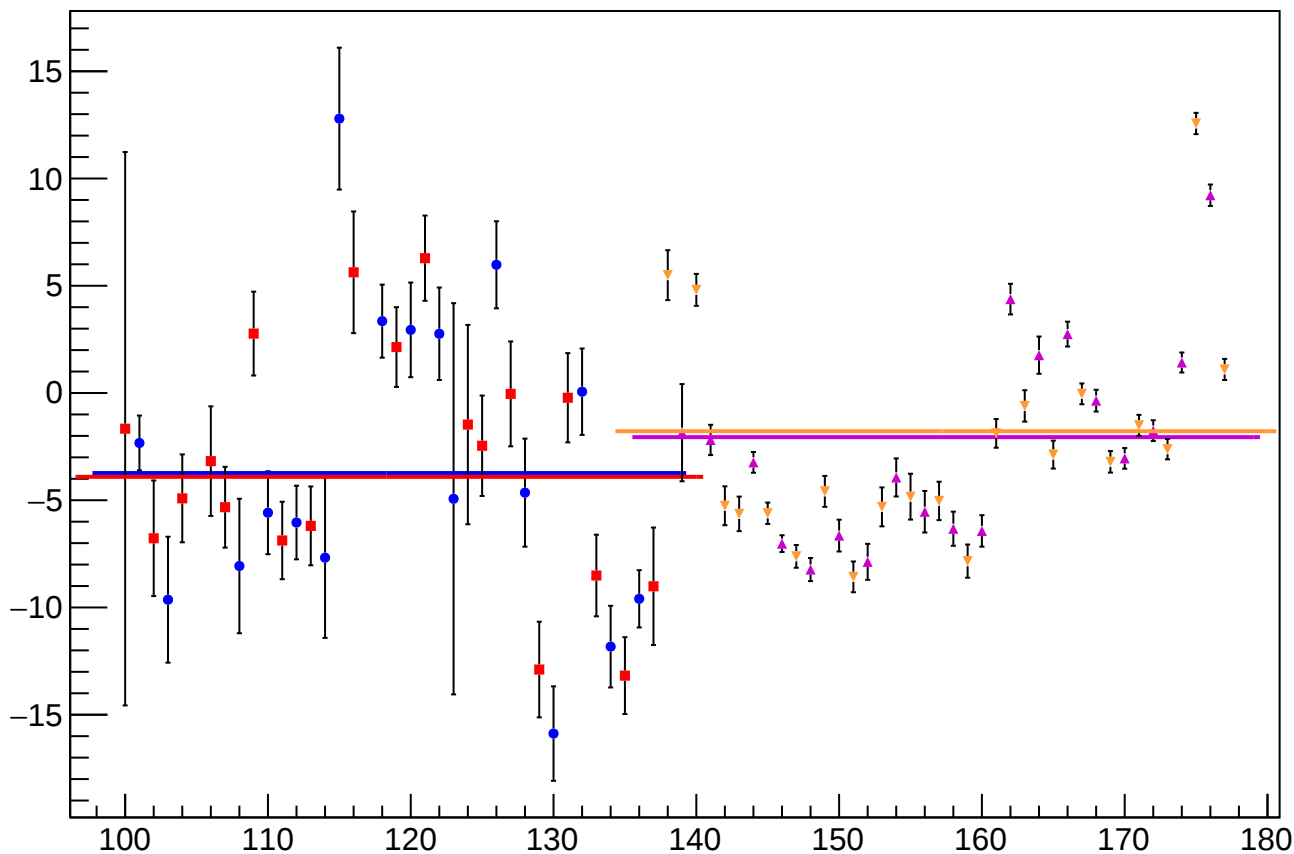
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -32.846 $\pm$ 0.181 χ^2 /NDF:4298.3/18

Out: -34.341 $\pm$ 0.180 χ^2 /NDF:4557.2/20

All: -33.597 $\pm$ 0.128 χ^2 /NDF: 8889.7/39

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: -2.058 ± 0.138 χ^2/NDF : 1215.5/18

Left: -1.919 ± 0.097 χ^2/NDF : 2654.0/39

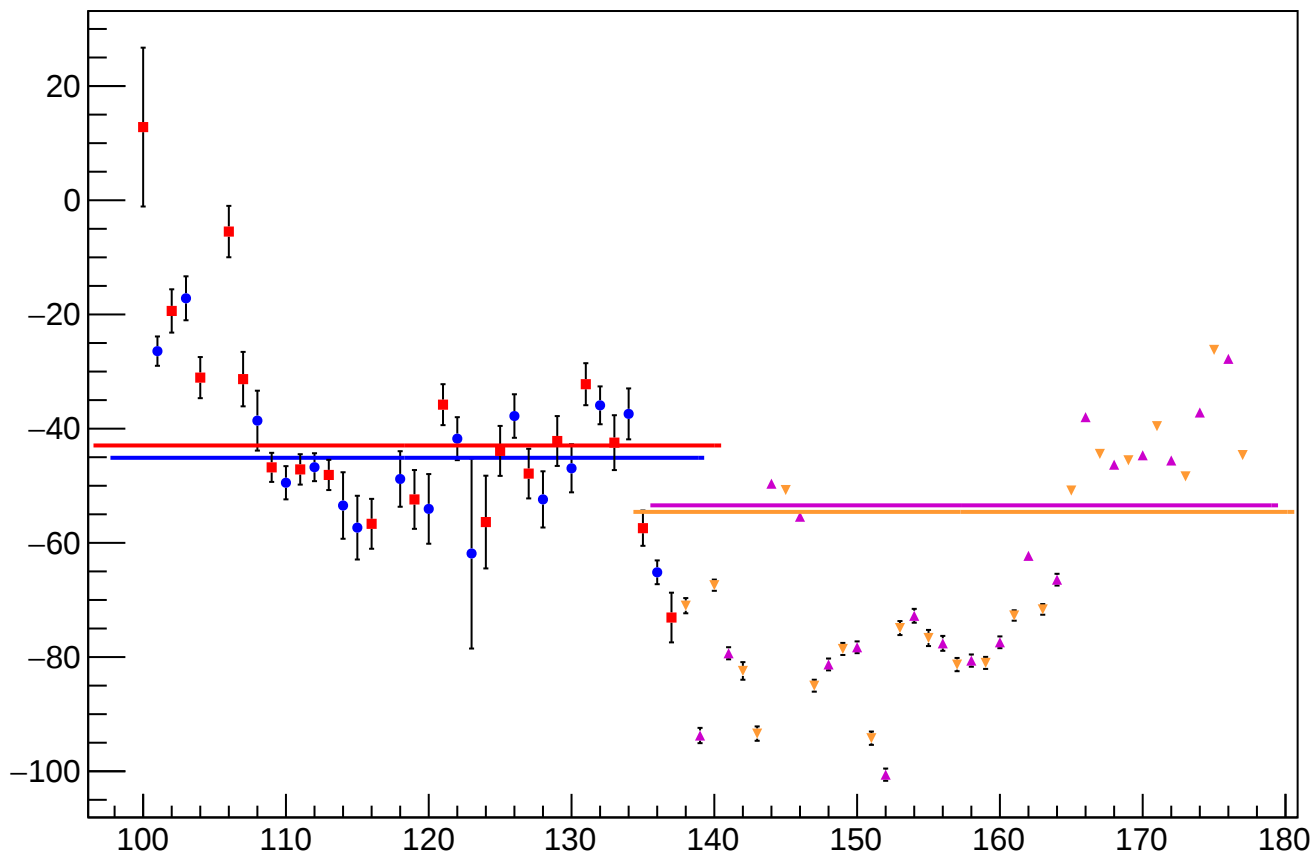
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -2.178 ± 0.133 χ^2/NDF : 1392.0/35

Out: -1.927 ± 0.132 χ^2/NDF : 1577.6/39

All: -2.052 ± 0.094 χ^2/NDF : 2971.4/75

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: -53.430 ± 0.182 χ^2/NDF : 10884.6/18

Left: -54.006 ± 0.128 χ^2/NDF : 21830.0/39

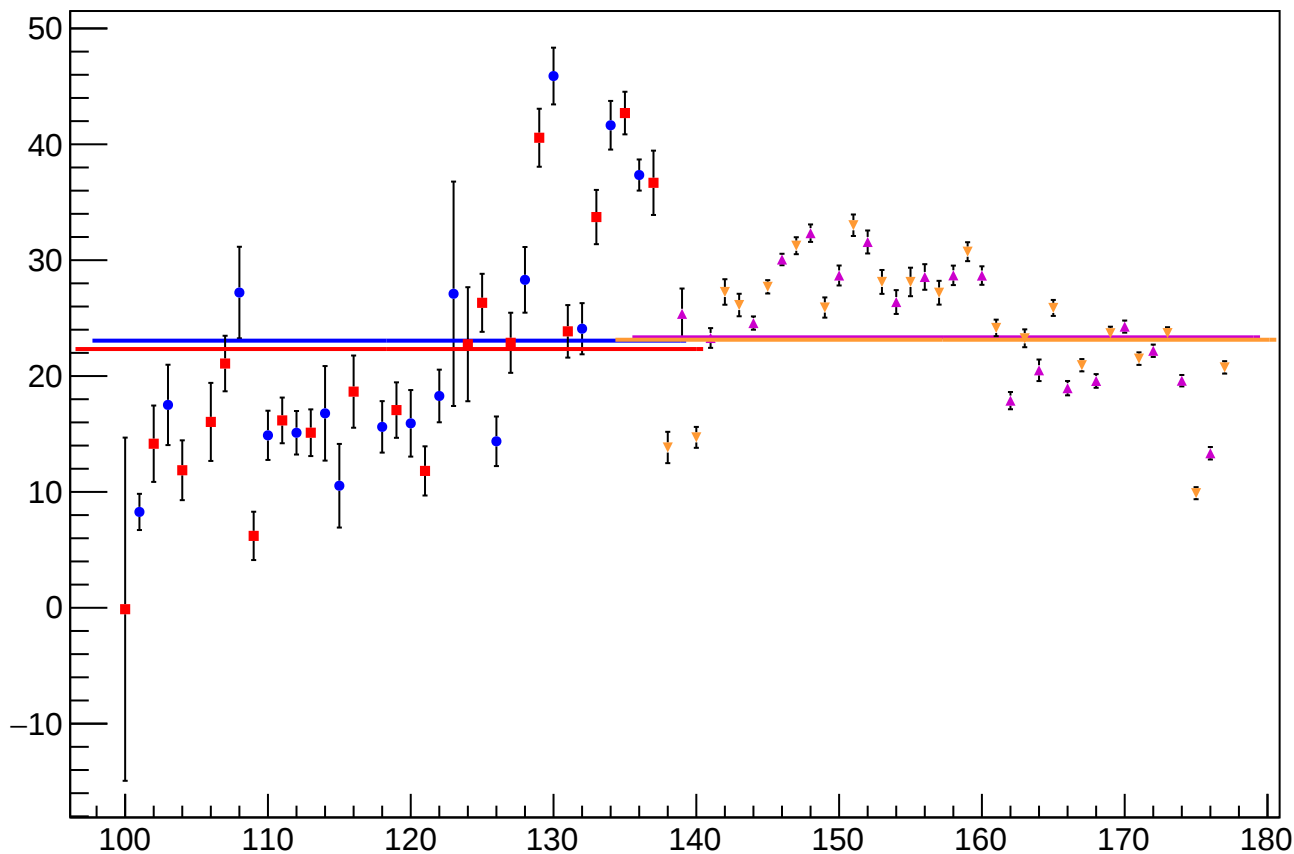
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -53.091 ± 0.178 χ^2/NDF : 11200.6/35

Out: -54.103 ± 0.177 χ^2/NDF : 11343.0/39

All: -53.600 ± 0.126 χ^2/NDF : 22559.8/75

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: 23.341 $\pm$ 0.157 χ^2 /NDF:1120.0/18

Left: 23.236 $\pm$ 0.110 χ^2 /NDF: 2440.9/39

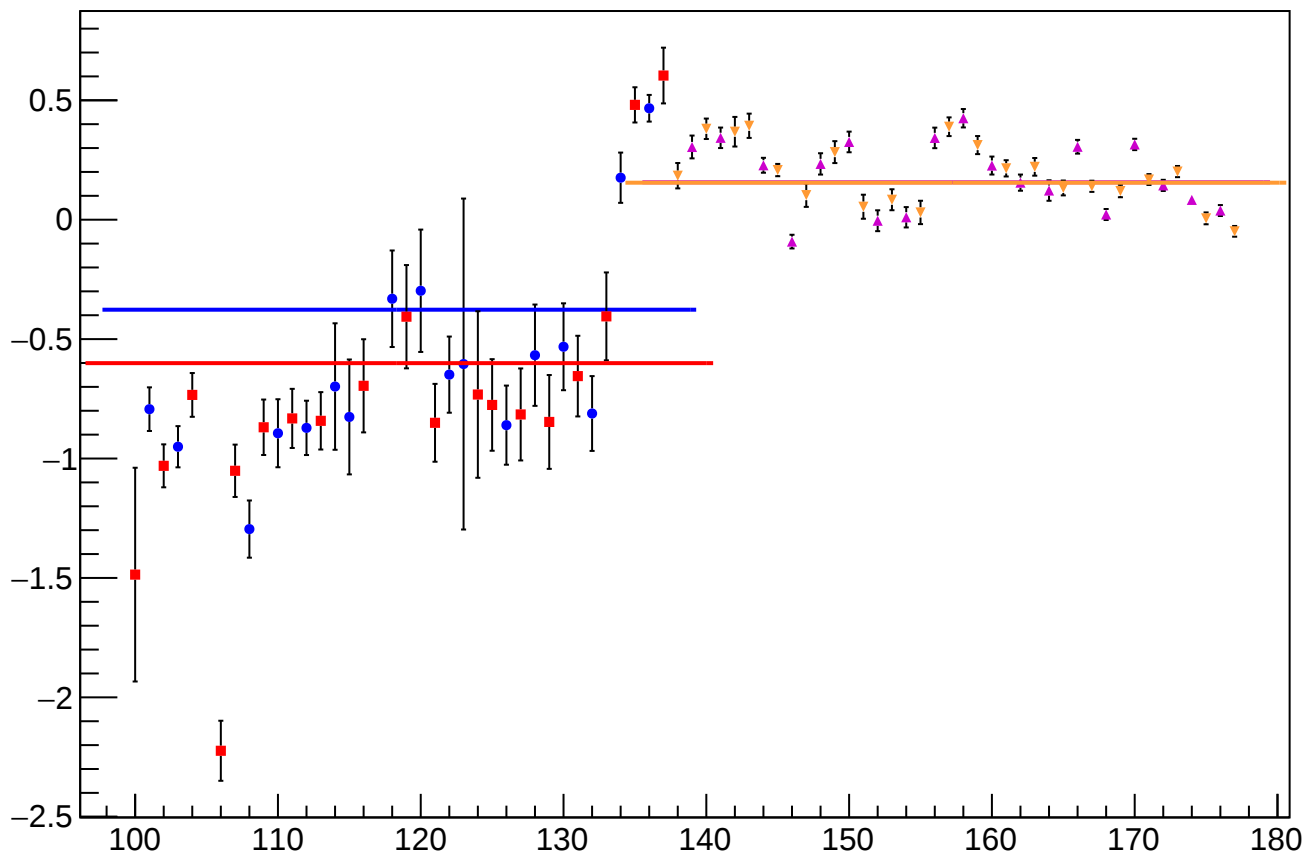
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 23.320 $\pm$ 0.151 χ^2 /NDF:1581.4/35

Out: 23.079 $\pm$ 0.149 χ^2 /NDF:1692.9/39

All: 23.198 $\pm$ 0.106 χ^2 /NDF: 3275.5/75

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.155 ± 0.007 $\chi^2/\text{NDF}: 272.9/20$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.157 ± 0.007 $\chi^2/\text{NDF}: 368.3/18$

Left: 0.156 ± 0.005 $\chi^2/\text{NDF}: 641.2/39$

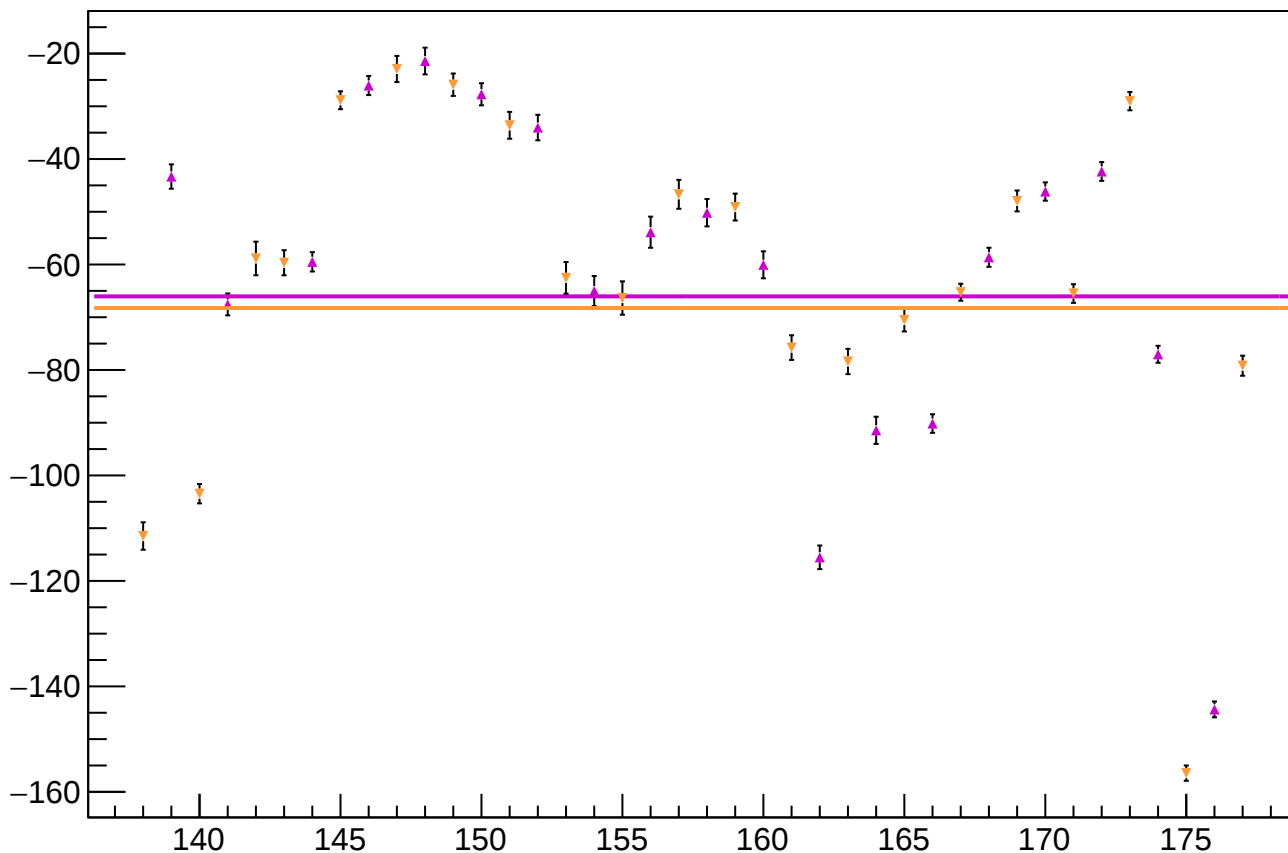
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.128 ± 0.007 $\chi^2/\text{NDF}: 1103.1/35$

Out: 0.115 ± 0.007 $\chi^2/\text{NDF}: 1422.2/39$

All: 0.122 ± 0.005 $\chi^2/\text{NDF}: 2527.0/75$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -68.256 $\pm$ 0.461 χ^2 /NDF:6602.6/20

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

Left In: -66.041 $\pm$ 0.468 χ^2 /NDF:5327.8/18

Left: -67.166 $\pm$ 0.328 χ^2 /NDF: 11941.7/39

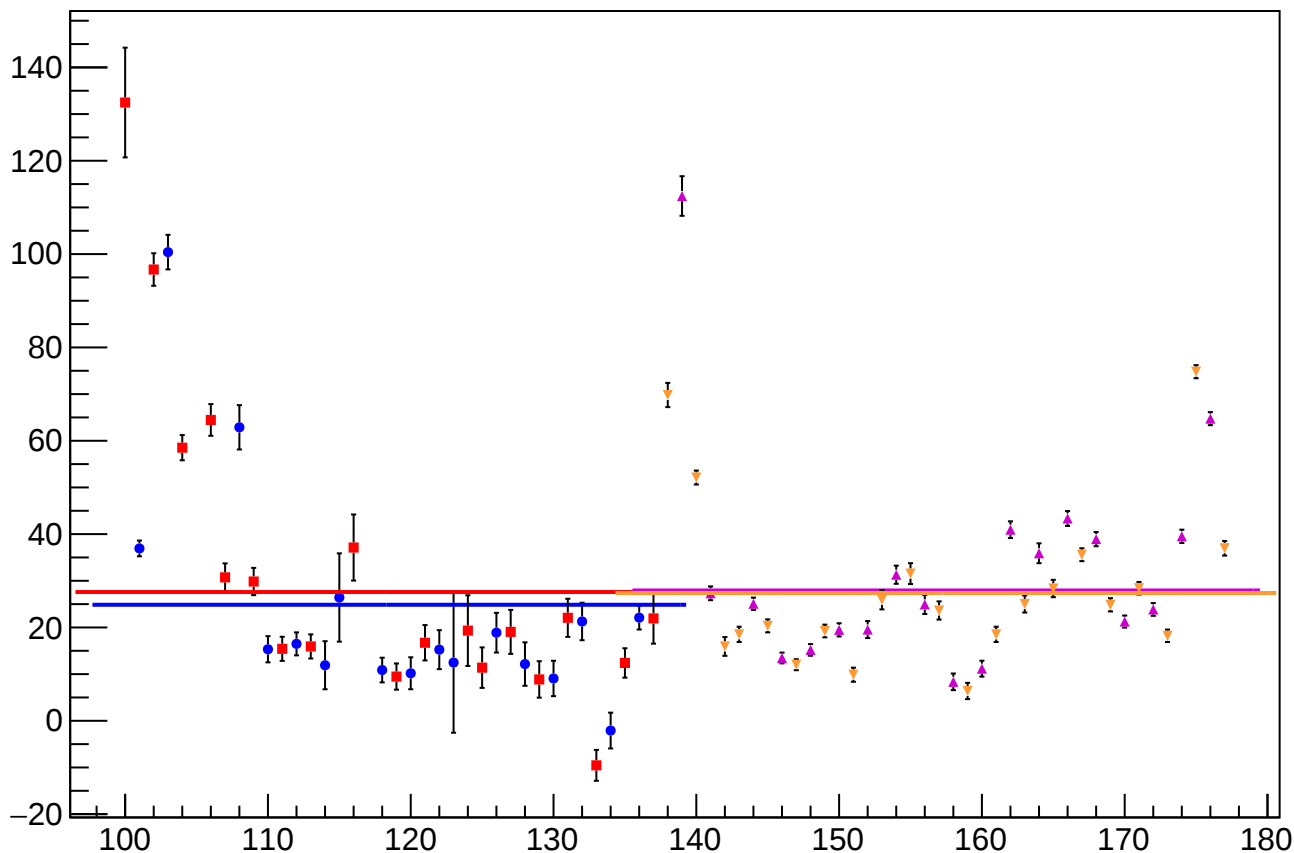
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -66.041 $\pm$ 0.468 χ^2 /NDF:5327.8/18

Out: -68.256 $\pm$ 0.461 χ^2 /NDF:6602.6/20

All: -67.166 $\pm$ 0.328 χ^2 /NDF: 11941.7/39

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: 27.927 $\pm$ 0.355 χ^2 /NDF:1948.9/18

Left: 27.647 $\pm$ 0.247 χ^2 /NDF: 4371.3/39

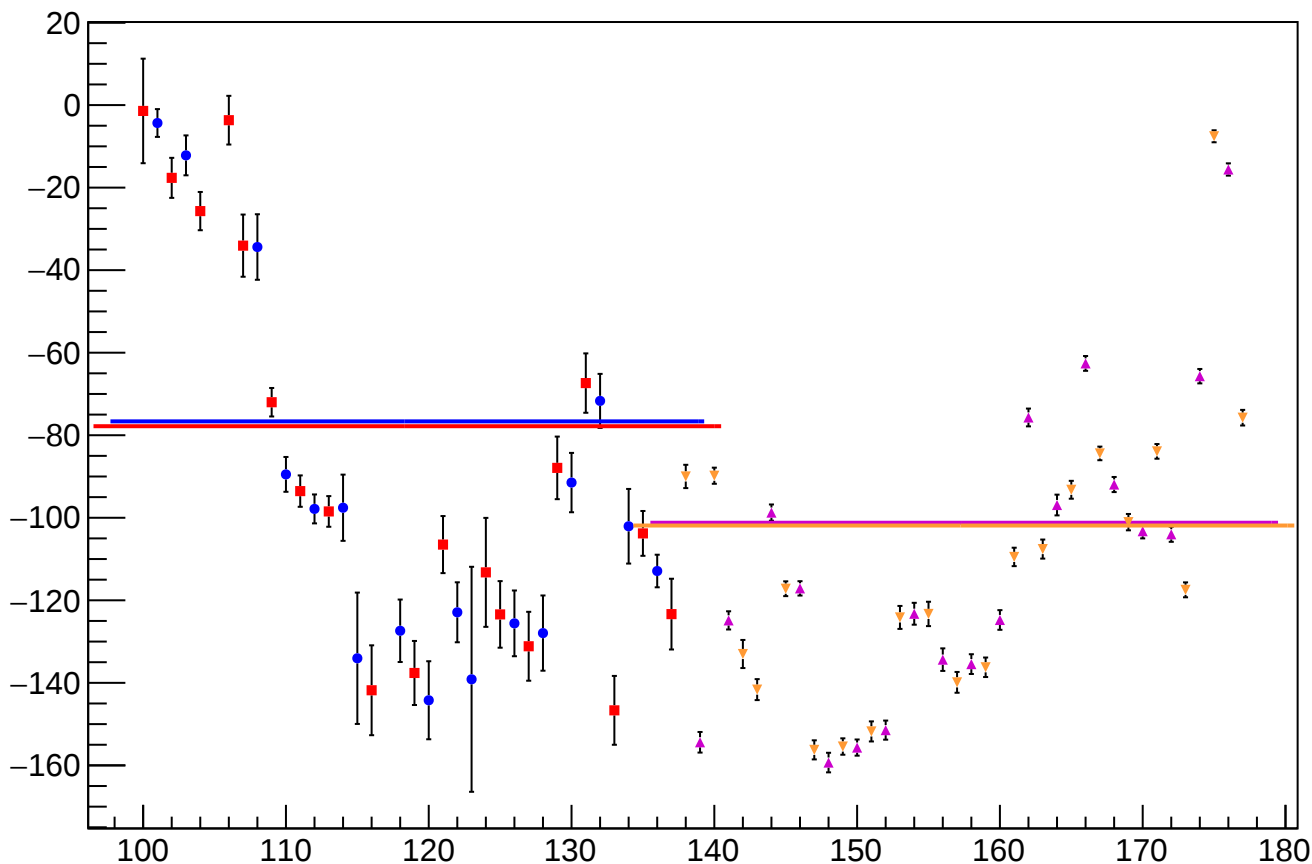
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 27.426 $\pm$ 0.324 χ^2 /NDF:2652.2/35

Out: 27.416 $\pm$ 0.317 χ^2 /NDF:3432.2/39

All: 27.421 $\pm$ 0.227 χ^2 /NDF: 6084.4/75

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: -101.206 ± 0.466 $\chi^2/\text{NDF}: 7366.7/18$

Left: -101.547 ± 0.328 $\chi^2/\text{NDF}: 14789.7/39$

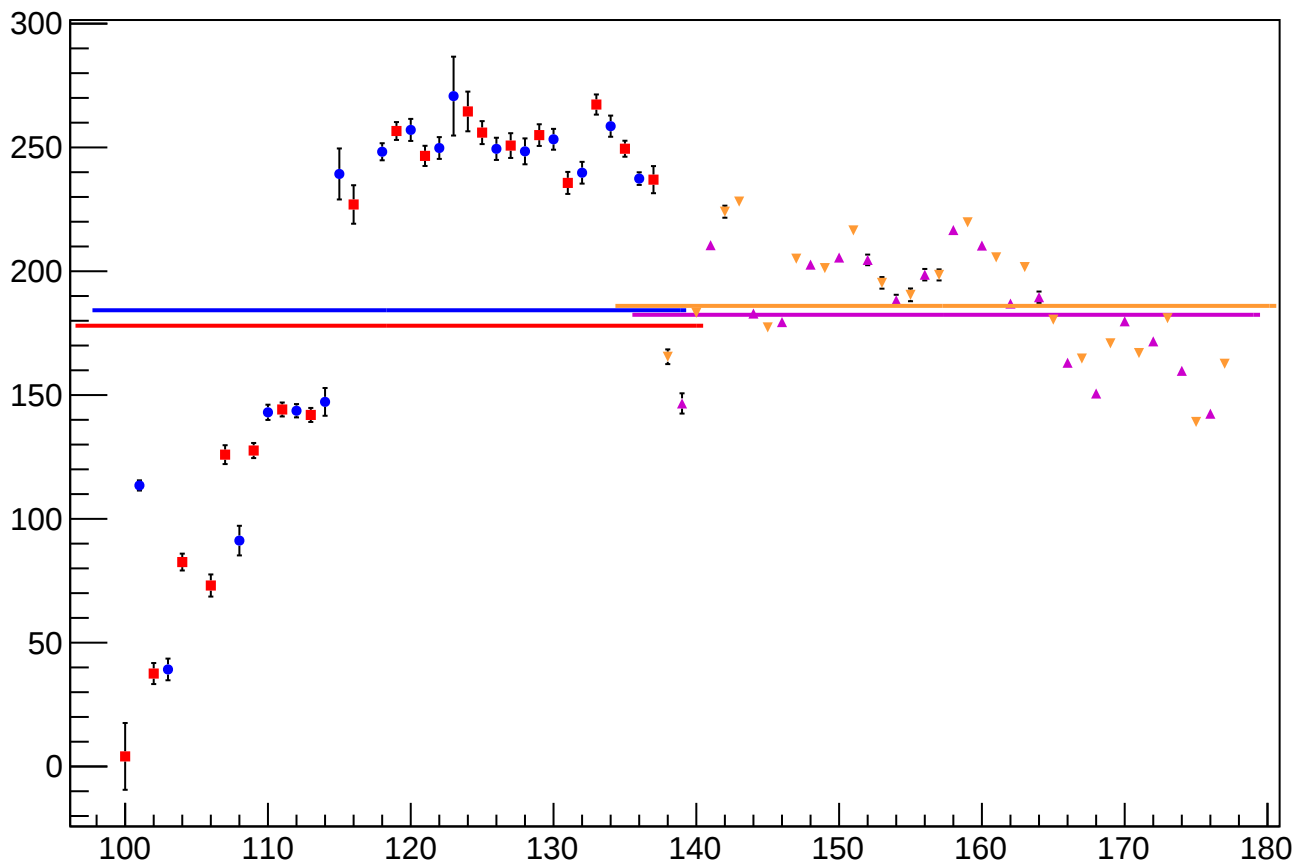
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -98.798 ± 0.443 $\chi^2/\text{NDF}: 8679.3/35$

Out: -99.383 ± 0.435 $\chi^2/\text{NDF}: 8579.1/39$

All: -99.095 ± 0.311 $\chi^2/\text{NDF}: 17259.3/75$

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: 182.413 $\pm$ 0.404 χ^2 /NDF:2840.9/18

Left: 184.267 $\pm$ 0.281 χ^2 /NDF: 6389.0/39

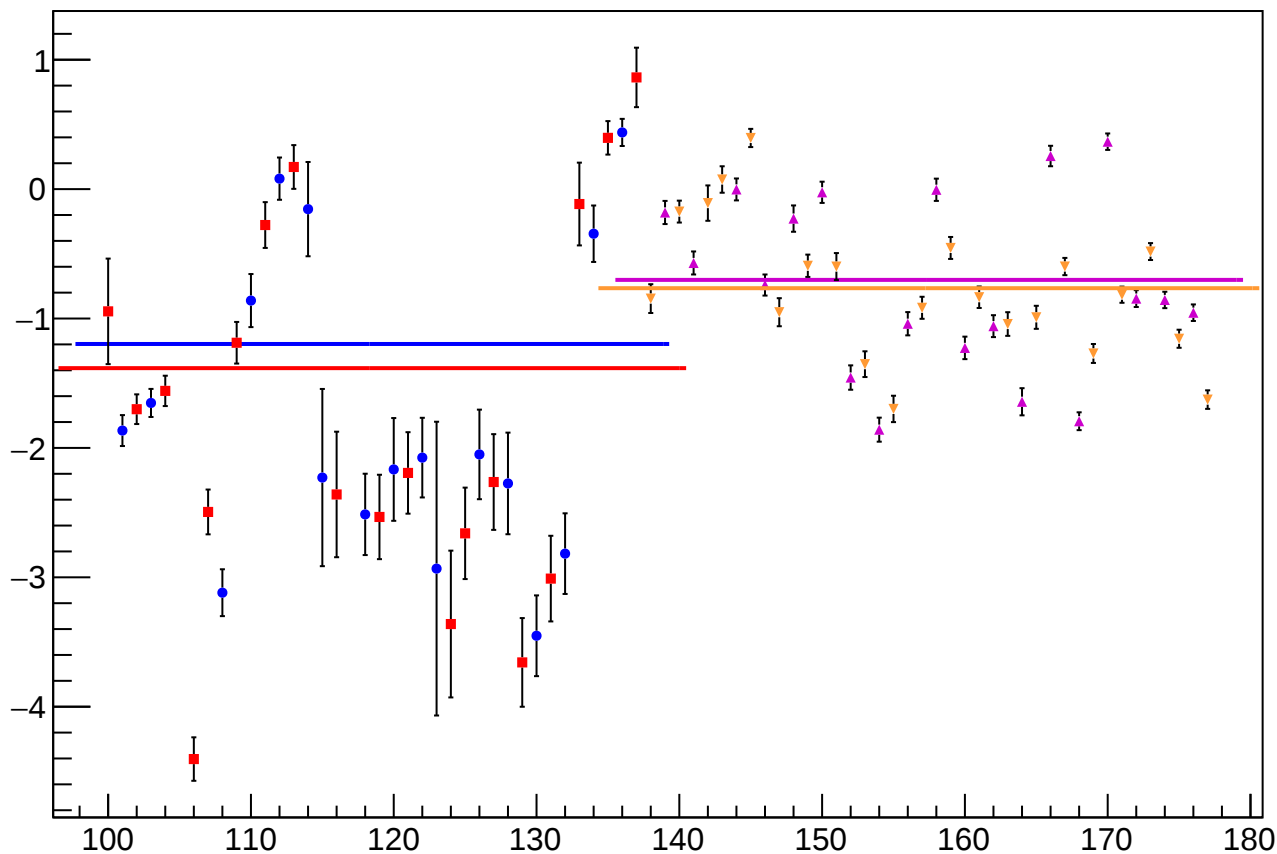
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 182.712 $\pm$ 0.369 χ^2 /NDF:8232.9/35

Out: 184.791 $\pm$ 0.361 χ^2 /NDF:9908.8/39

All: 183.776 $\pm$ 0.258 χ^2 /NDF: 18157.9/75

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: -0.701 ± 0.018 χ^2/NDF : 1335.4/18

Left: -0.734 ± 0.013 χ^2/NDF : 2163.9/39

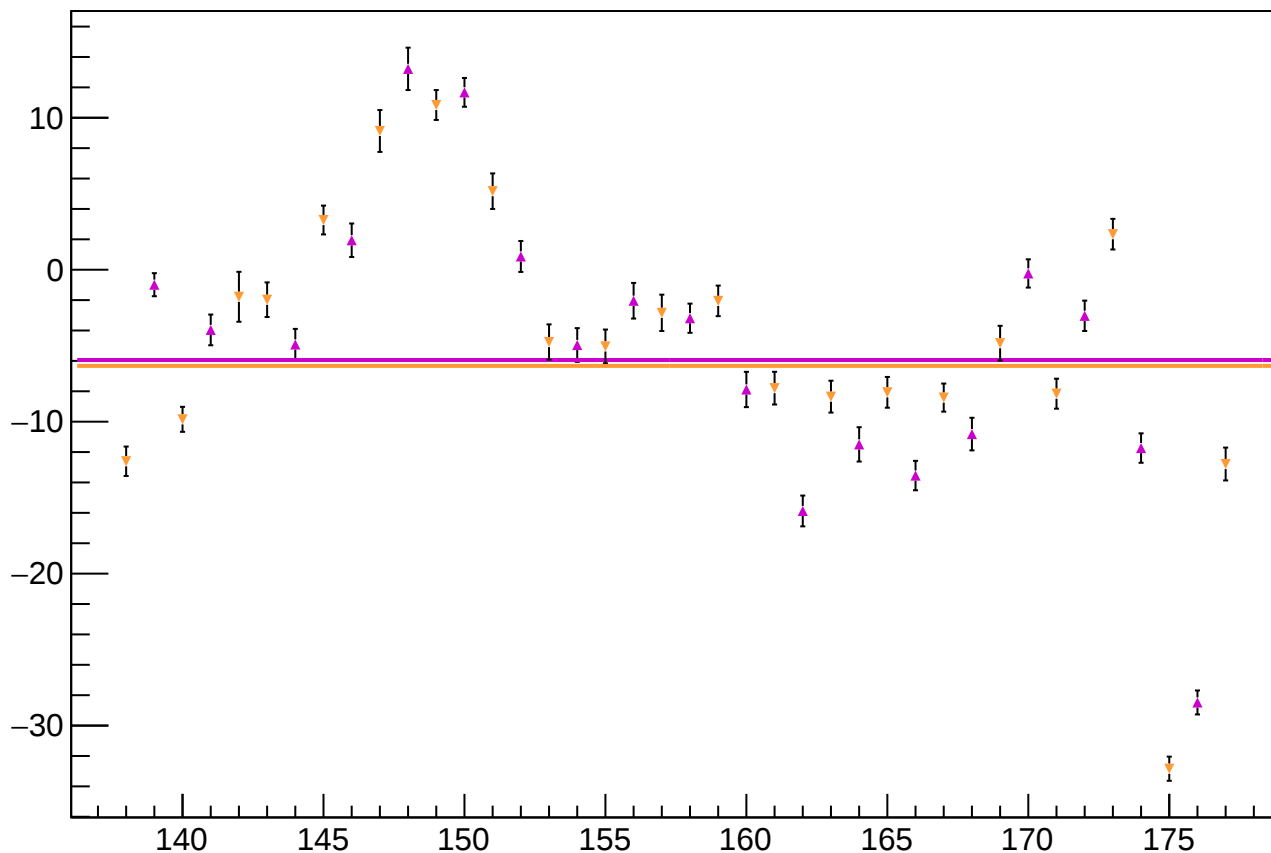
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.764 ± 0.017 χ^2/NDF : 2049.5/35

Out: -0.849 ± 0.017 χ^2/NDF : 1903.2/39

All: -0.807 ± 0.012 χ^2/NDF : 3965.3/75

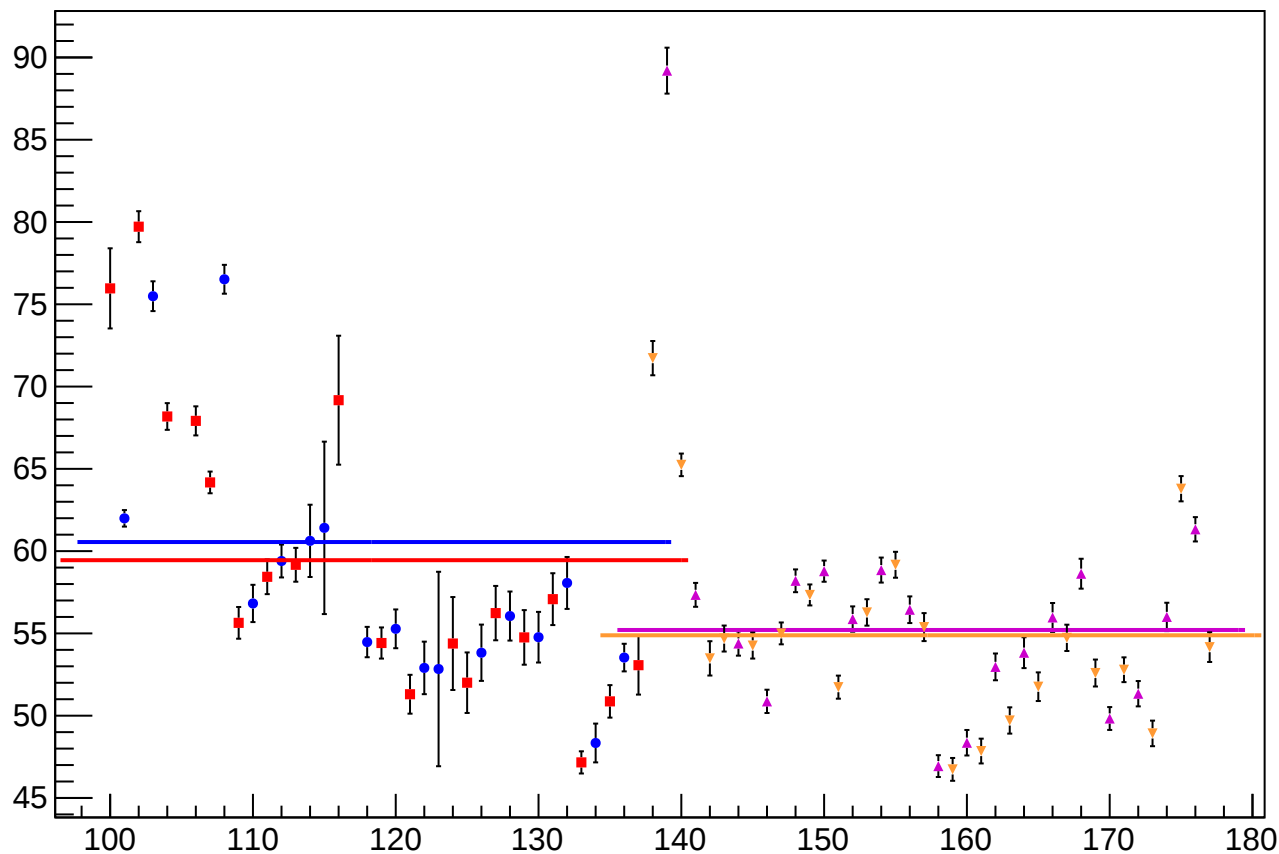
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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: -5.943+/-0.230 χ^2/NDF :1801.0/18

Left: -6.138+/-0.161 χ^2/NDF : 3784.9/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.943+/-0.230 χ^2/NDF :1801.0/18
 Out: -6.328+/-0.227 χ^2/NDF :1982.5/20
 All: -6.138+/-0.161 χ^2/NDF : 3784.9/39

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 χ^2/NDF : 931.0/16

Left Out: 54.885 ± 0.170 χ^2/NDF : 1049.7/20

Right Out: 59.449 ± 0.248 χ^2/NDF : 1321.3/18

Left In: 55.208 ± 0.178 χ^2/NDF : 1128.7/18

Left: 55.040 ± 0.123 χ^2/NDF : 2180.1/39

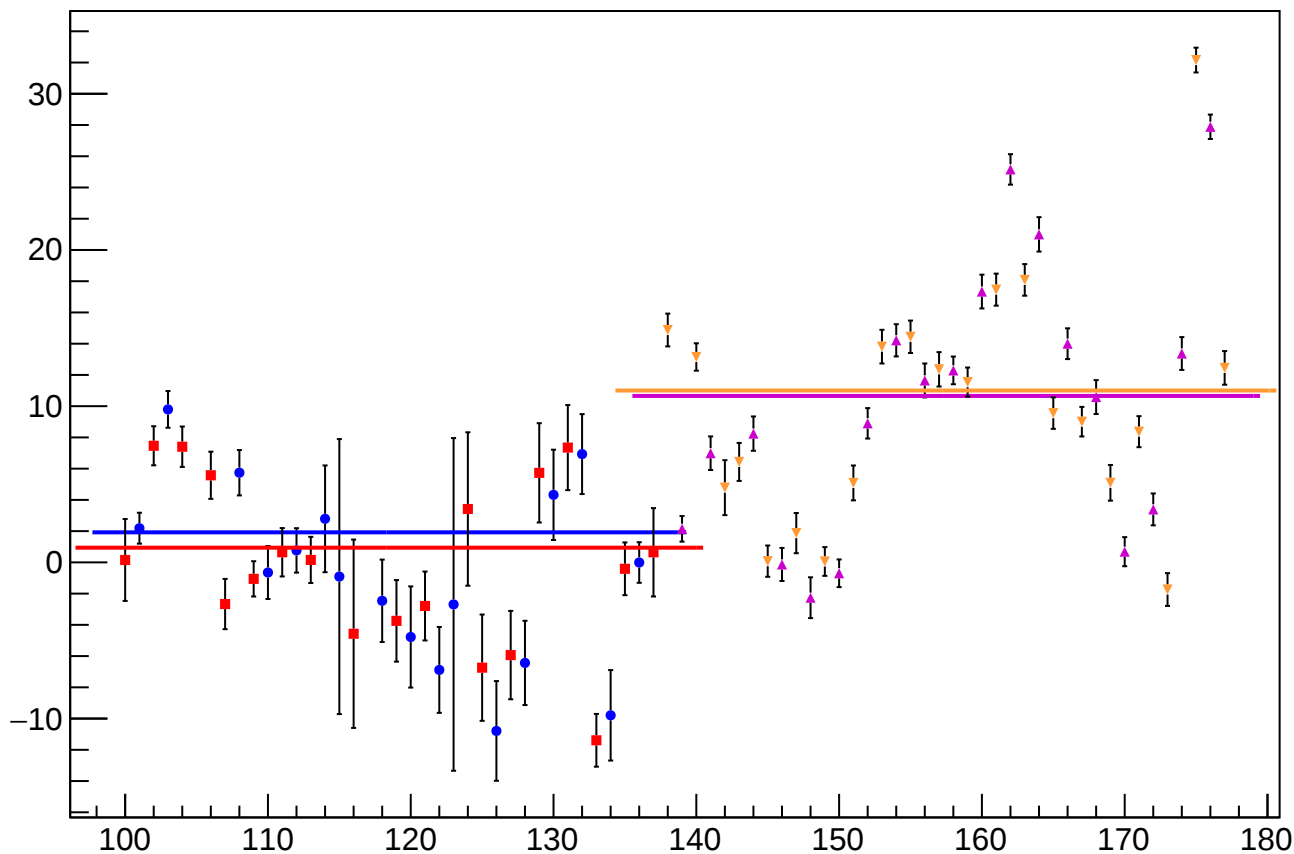
Right: 59.970 ± 0.180 χ^2/NDF : 2261.6/35

In: 56.892 ± 0.147 χ^2/NDF : 2345.0/35

Out: 56.347 ± 0.140 χ^2/NDF : 2601.9/39

All: 56.607 ± 0.101 χ^2/NDF : 4954.1/75

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: 10.656 ± 0.228 χ^2/NDF : 1527.3/18

Left: 10.831 ± 0.160 χ^2/NDF : 2921.9/39

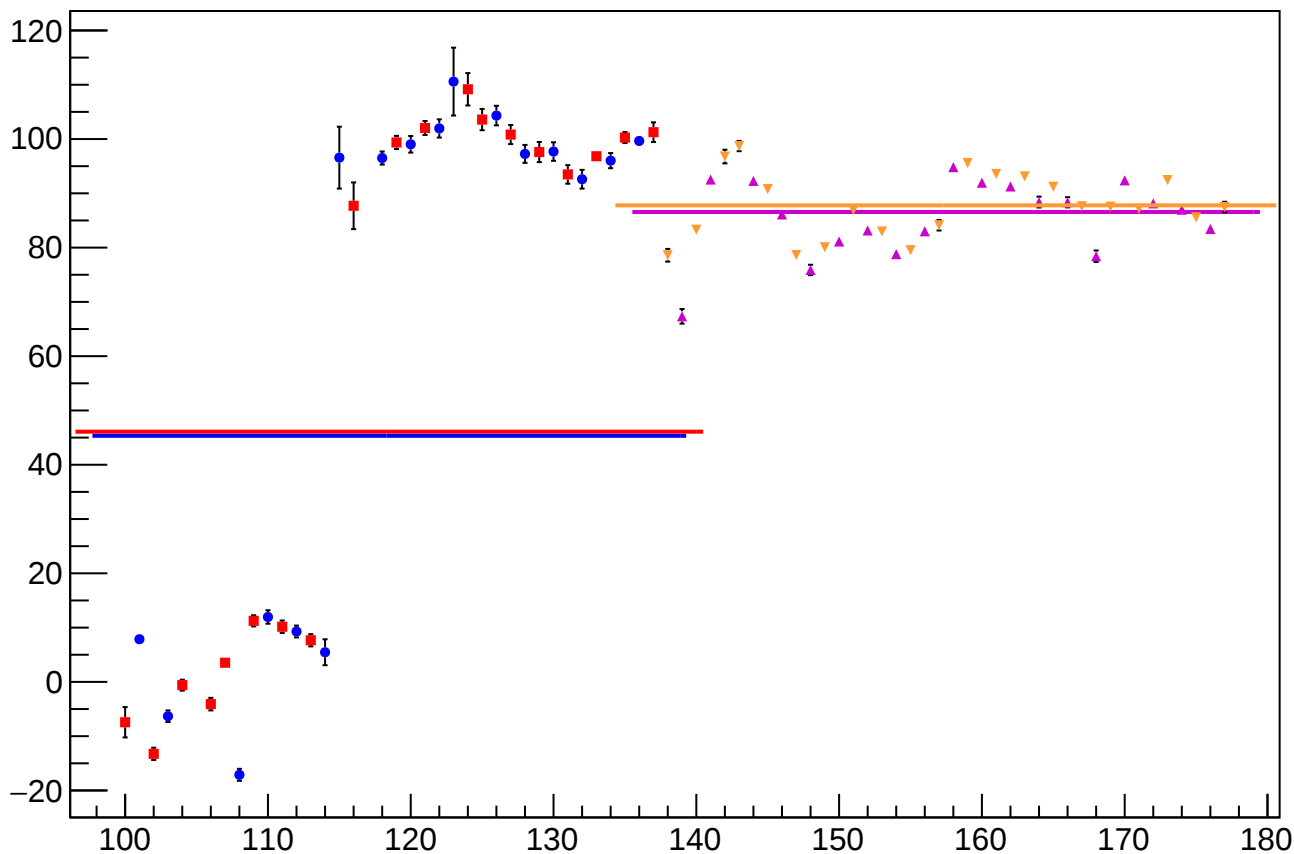
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 8.929 ± 0.204 χ^2/NDF : 1939.7/35

Out: 8.789 ± 0.199 χ^2/NDF : 1982.8/39

All: 8.857 ± 0.142 χ^2/NDF : 3922.7/75

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: 86.563 $\pm$ 0.200 χ^2 /NDF:937.0/18

Left: 87.196 $\pm$ 0.139 χ^2 /NDF: 1833.1/39

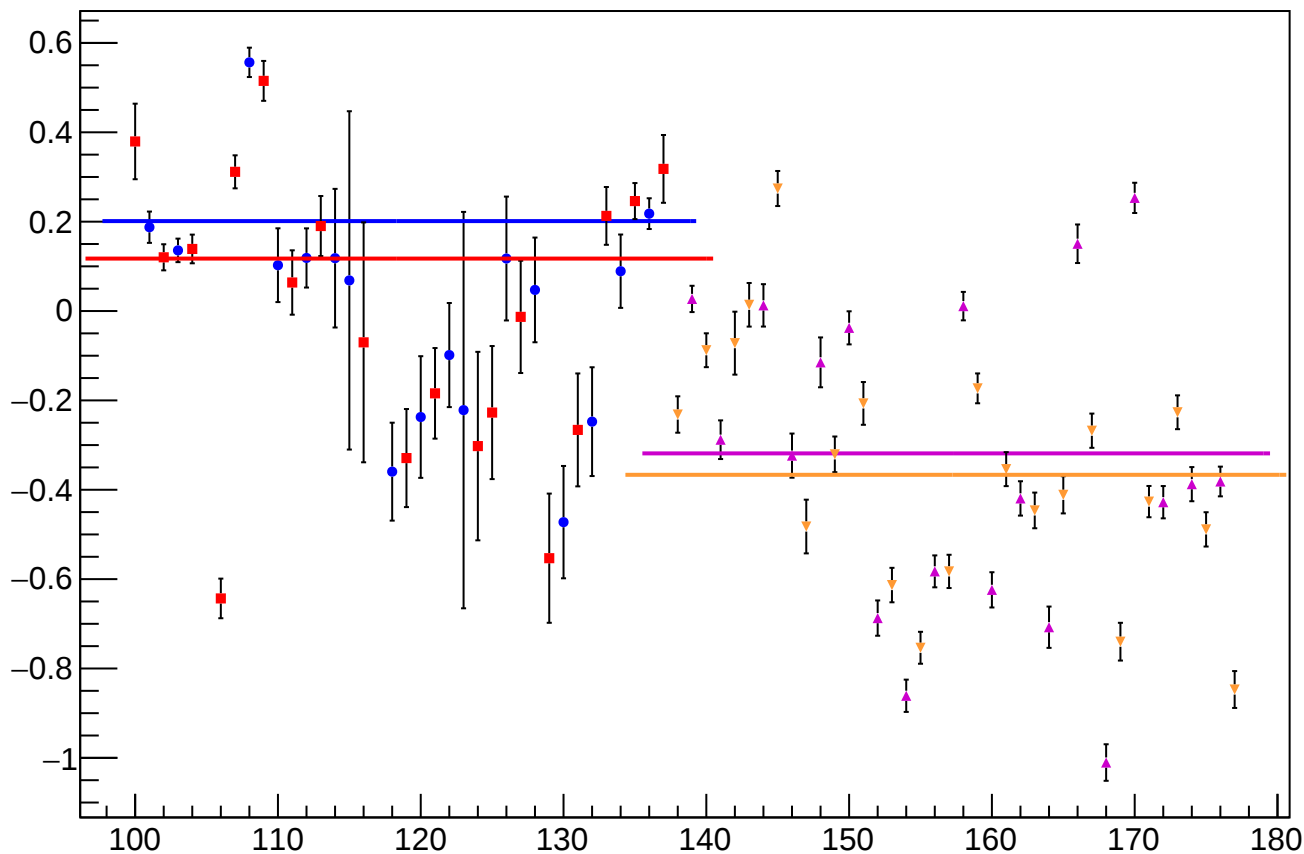
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 74.069 $\pm$ 0.167 χ^2 /NDF:38799.6/35

Out: 74.931 $\pm$ 0.161 χ^2 /NDF:43519.0/39

All: 74.517 $\pm$ 0.116 χ^2 /NDF: 82332.4/75

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: -0.319 ± 0.009 χ^2/NDF : 1576.4/18

Left: -0.343 ± 0.006 χ^2/NDF : 2495.3/39

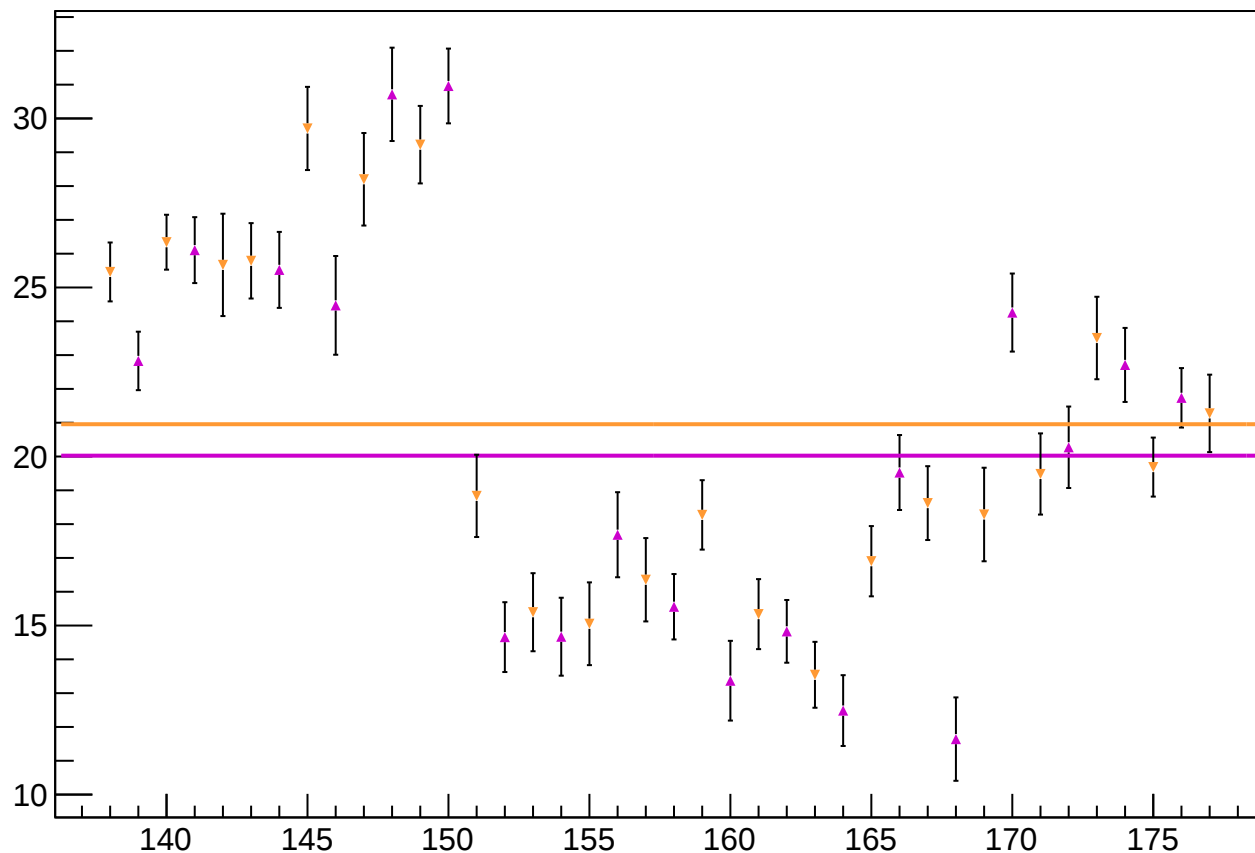
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.172 ± 0.007 χ^2/NDF : 2778.0/35

Out: -0.215 ± 0.007 χ^2/NDF : 2352.1/39

All: -0.194 ± 0.005 χ^2/NDF : 5146.8/75

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 20.955 $\pm$ 0.239 χ^2 /NDF:418.8/20

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

Left In: 20.025 $\pm$ 0.248 χ^2 /NDF:498.4/18

Left: 20.507 $\pm$ 0.172 χ^2 /NDF: 924.6/39

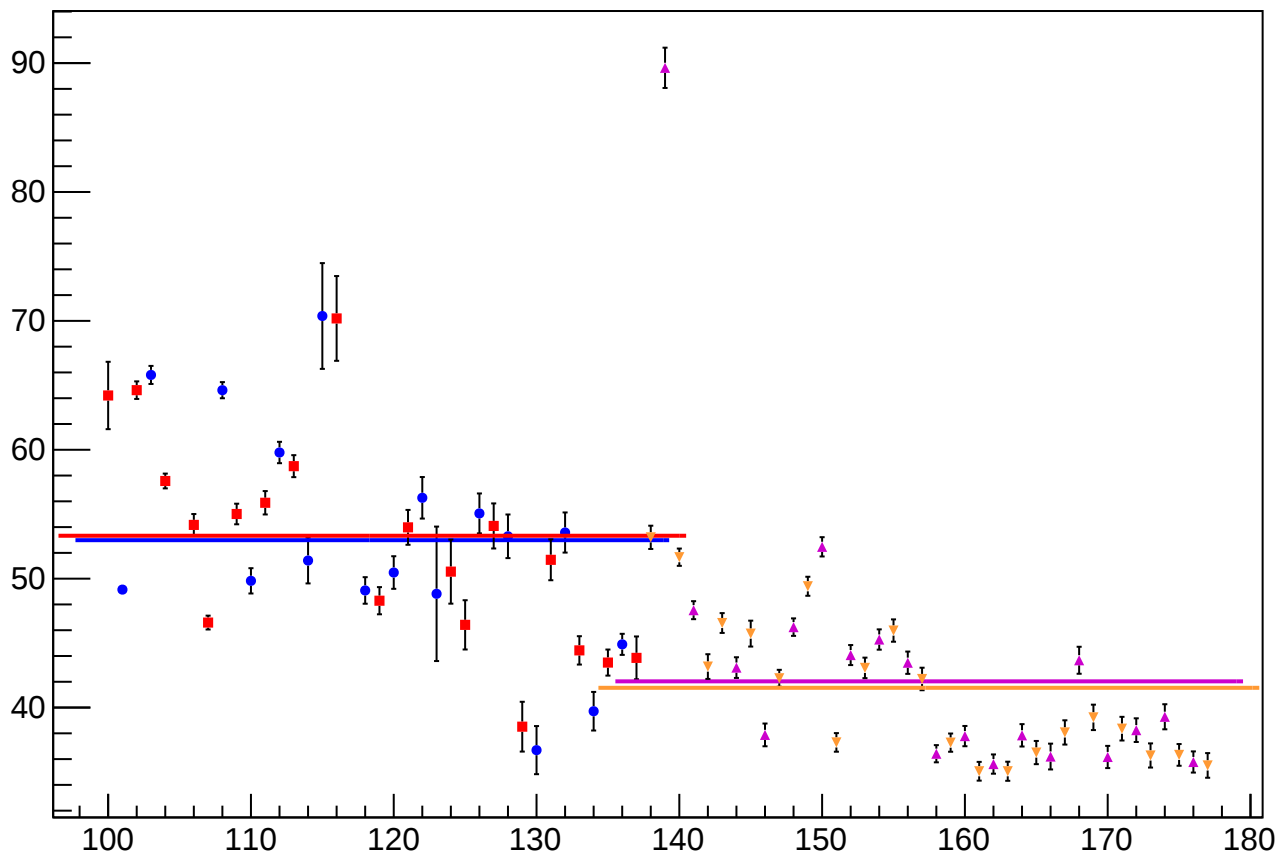
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 20.025 $\pm$ 0.248 χ^2 /NDF:498.4/18

Out: 20.955 $\pm$ 0.239 χ^2 /NDF:418.8/20

All: 20.507 $\pm$ 0.172 χ^2 /NDF: 924.6/39

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: 42.033 $\pm$ 0.190 χ^2 /NDF:1636.3/18

Left: 41.767 $\pm$ 0.130 χ^2 /NDF: 2642.1/39

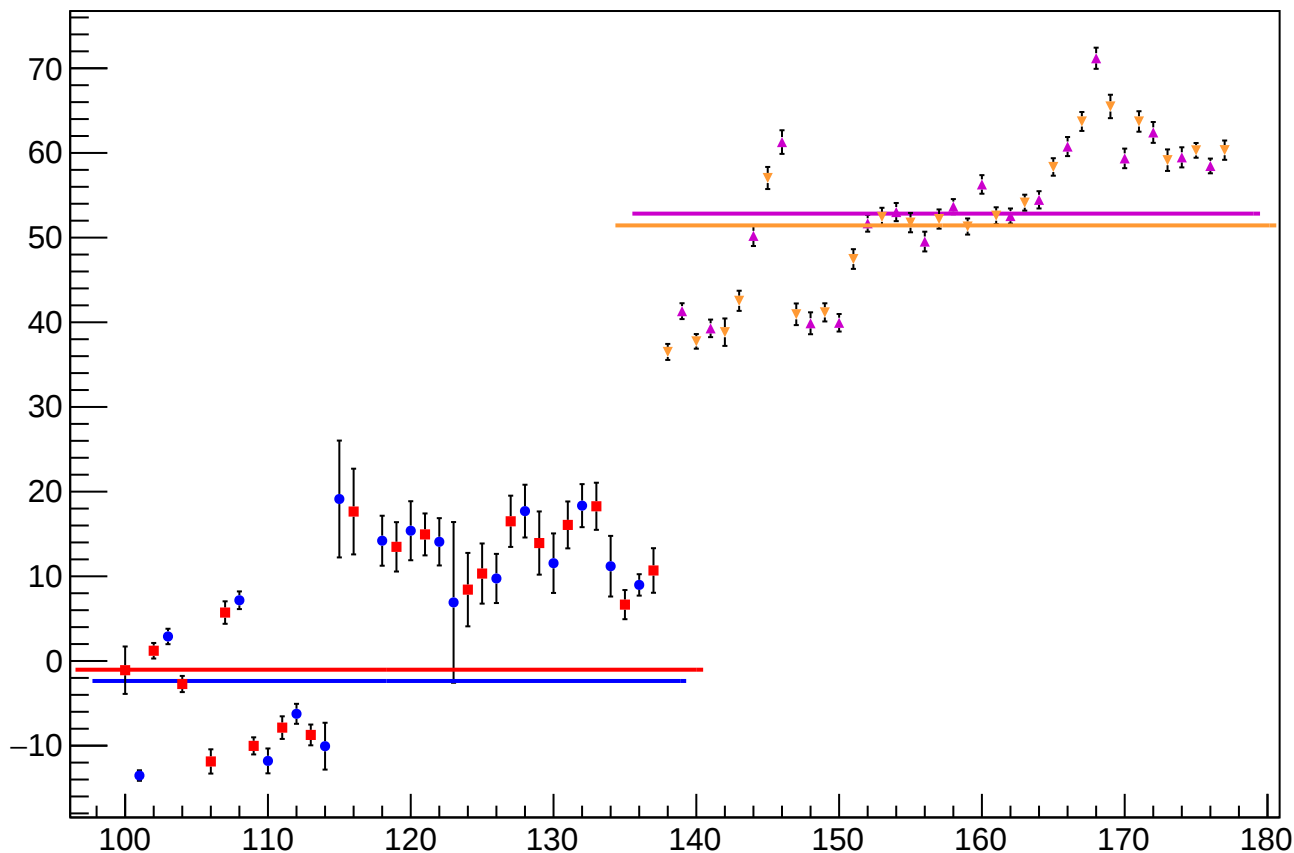
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 46.943 $\pm$ 0.141 χ^2 /NDF:4330.3/35

Out: 46.046 $\pm$ 0.140 χ^2 /NDF:3551.0/39

All: 46.492 $\pm$ 0.099 χ^2 /NDF: 7901.7/75

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: 52.833 ± 0.245 χ^2/NDF : 1072.7/18

Left: 52.115 ± 0.171 χ^2/NDF : 2479.7/39

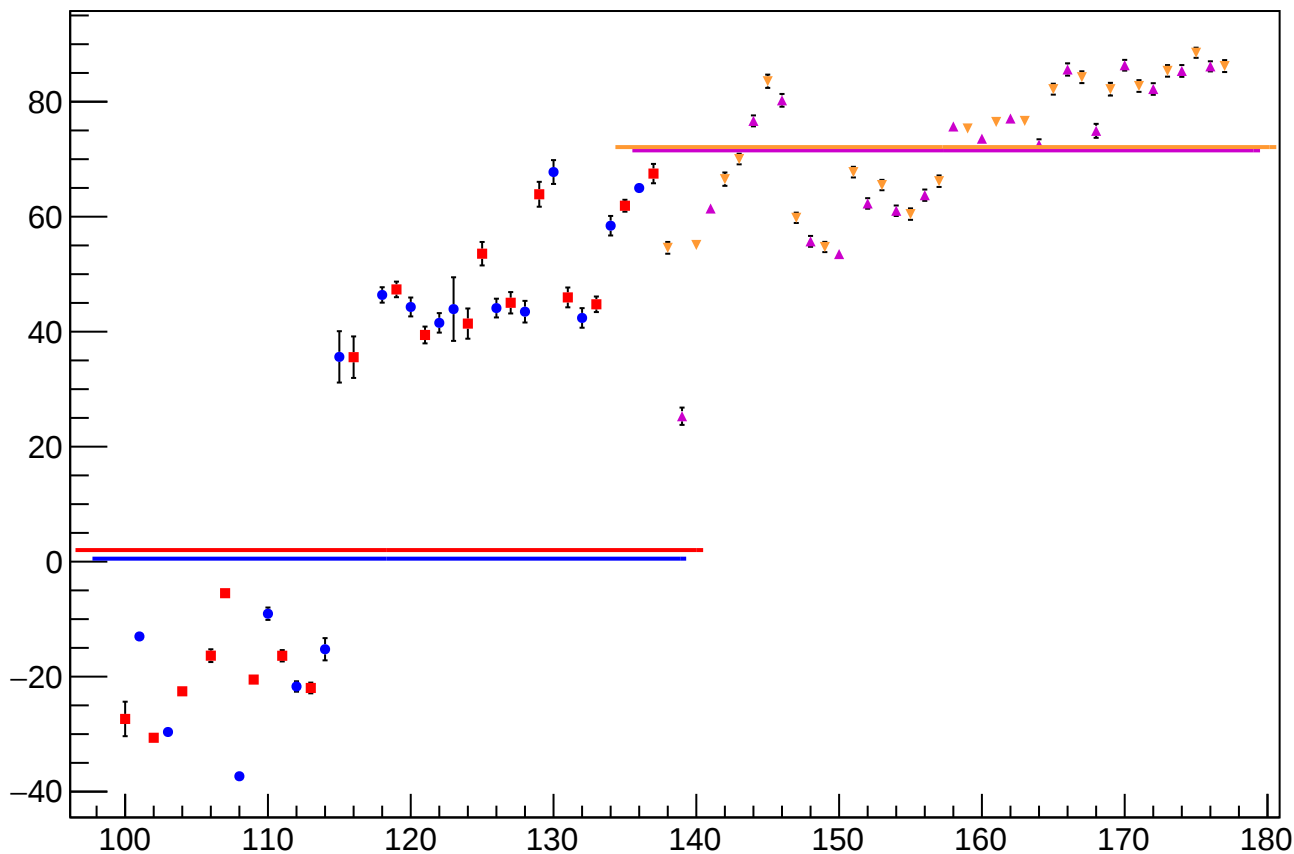
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 35.592 ± 0.204 χ^2/NDF : 17708.3/35

Out: 36.490 ± 0.201 χ^2/NDF : 15764.3/39

All: 36.046 ± 0.143 χ^2/NDF : 33482.5/75

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 72.106 $\pm$ 0.203 χ^2 /NDF:2909.1/20

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 71.534 $\pm$ 0.214 χ^2 /NDF:3284.1/18

Left: 71.835 $\pm$ 0.147 χ^2 /NDF: 6196.9/39

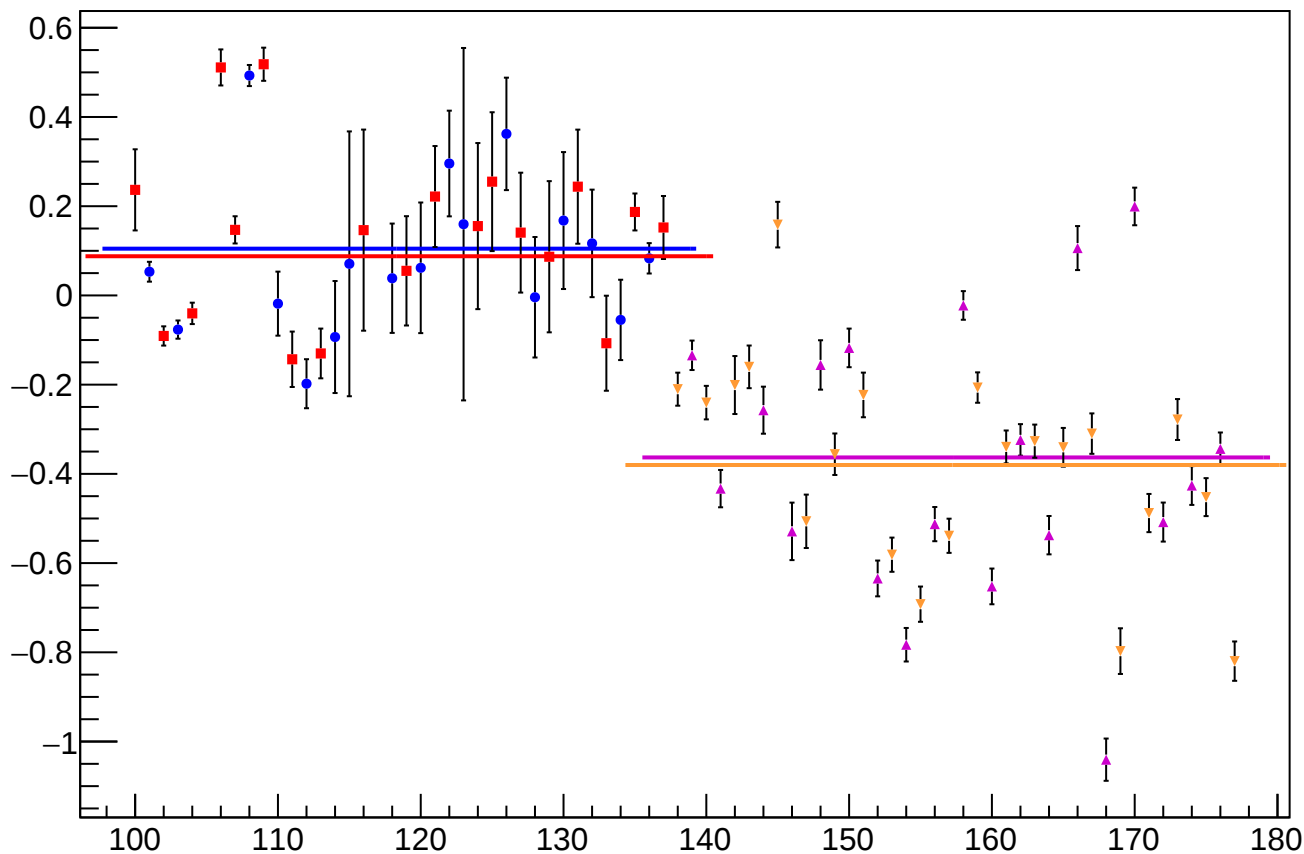
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 41.050 $\pm$ 0.162 χ^2 /NDF:68878.8/35

Out: 46.301 $\pm$ 0.162 χ^2 /NDF:62141.9/39

All: 43.679 $\pm$ 0.114 χ^2 /NDF: 131548.0/75

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: -0.363 ± 0.009 $\chi^2/\text{NDF}: 962.6/18$

Left: -0.372 ± 0.007 $\chi^2/\text{NDF}: 1473.0/39$

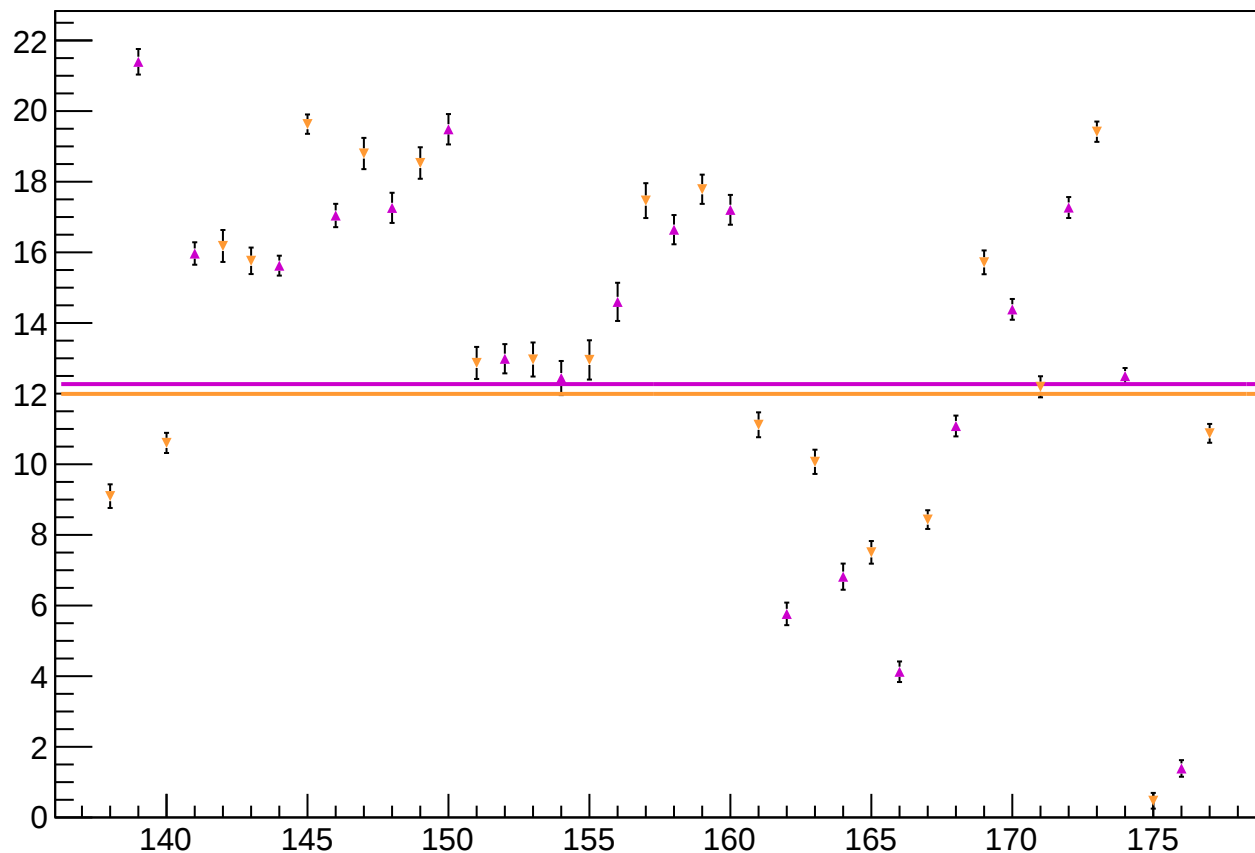
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.164 ± 0.007 $\chi^2/\text{NDF}: 2397.6/35$

Out: -0.184 ± 0.007 $\chi^2/\text{NDF}: 1950.6/39$

All: -0.174 ± 0.005 $\chi^2/\text{NDF}: 4352.0/75$

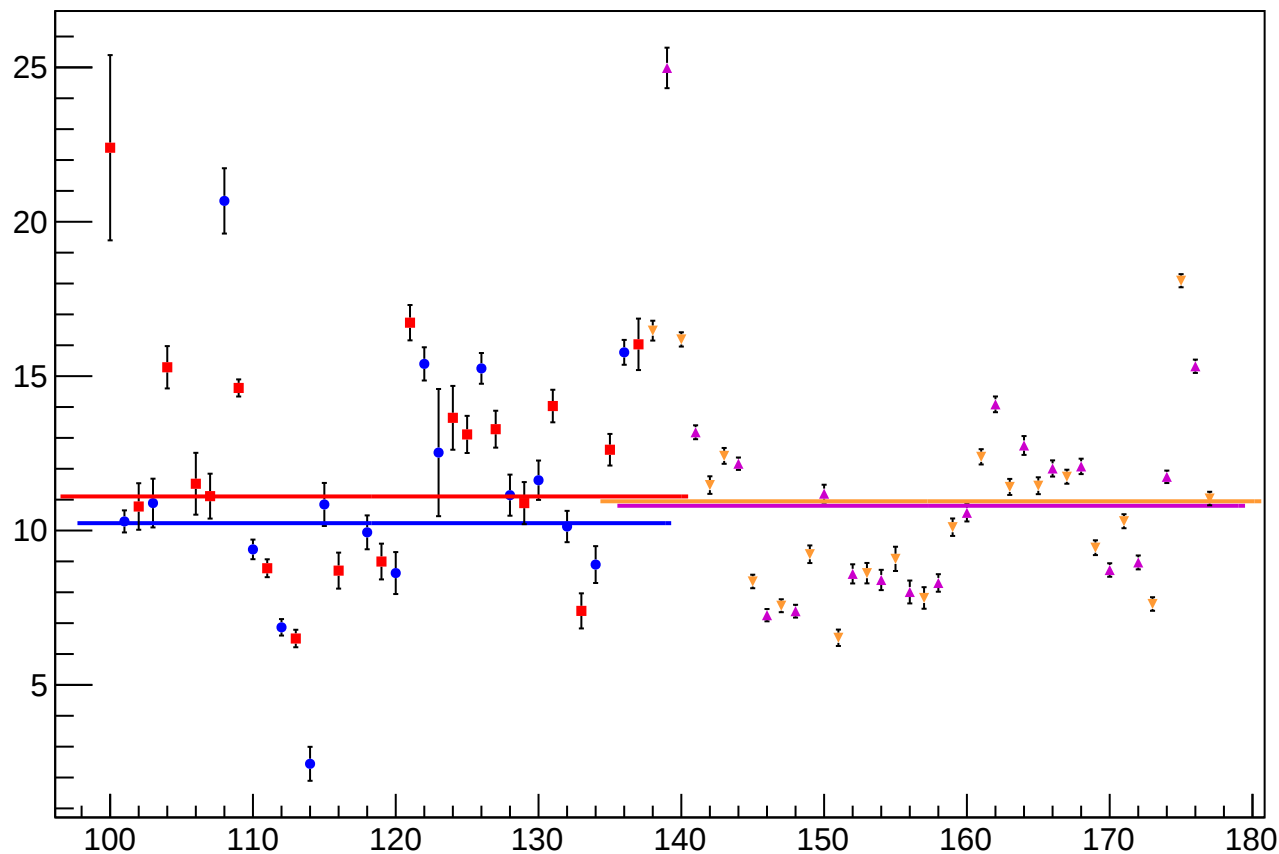
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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: 12.270+/-0.075 χ^2/NDF :5720.3/18

Left: 12.127+/-0.053 χ^2/NDF : 11474.3/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 12.270+/-0.075 χ^2/NDF :5720.3/18
 Out: 11.992+/-0.073 χ^2/NDF :5747.1/20
 All: 12.127+/-0.053 χ^2/NDF : 11474.3/39

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: 10.802 ± 0.057 χ^2/NDF : 2324.0/18

Left: 10.877 ± 0.040 χ^2/NDF : 5502.4/39

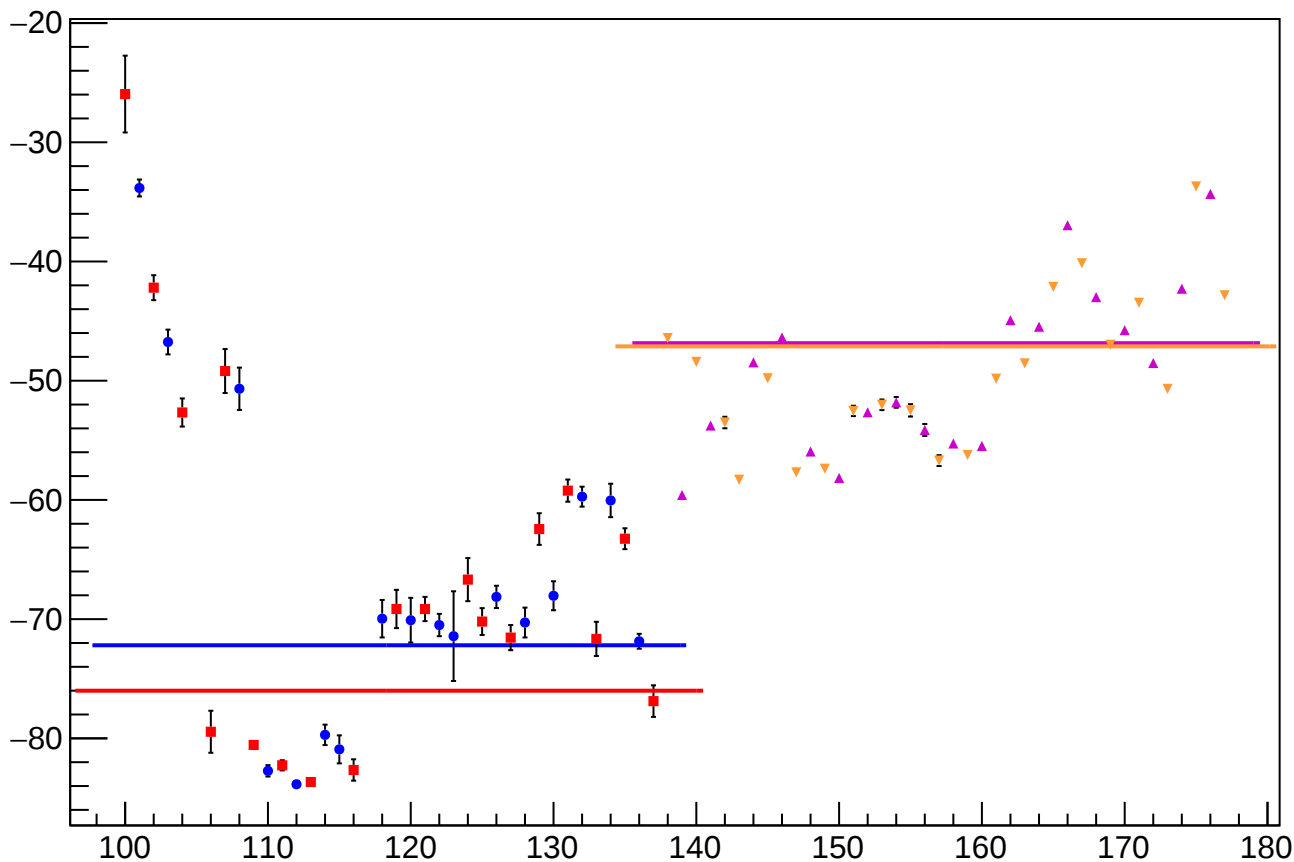
Right: 10.681 ± 0.083 χ^2/NDF : 1709.6/35

In: 10.696 ± 0.052 χ^2/NDF : 3209.6/35

Out: 10.976 ± 0.050 χ^2/NDF : 3991.8/39

All: 10.841 ± 0.036 χ^2/NDF : 7216.6/75

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -47.118 ± 0.074 $\chi^2/\text{NDF}: 8869.7/20$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -46.851 ± 0.076 $\chi^2/\text{NDF}: 8940.6/18$

Left: -46.988 ± 0.053 $\chi^2/\text{NDF}: 17816.7/39$

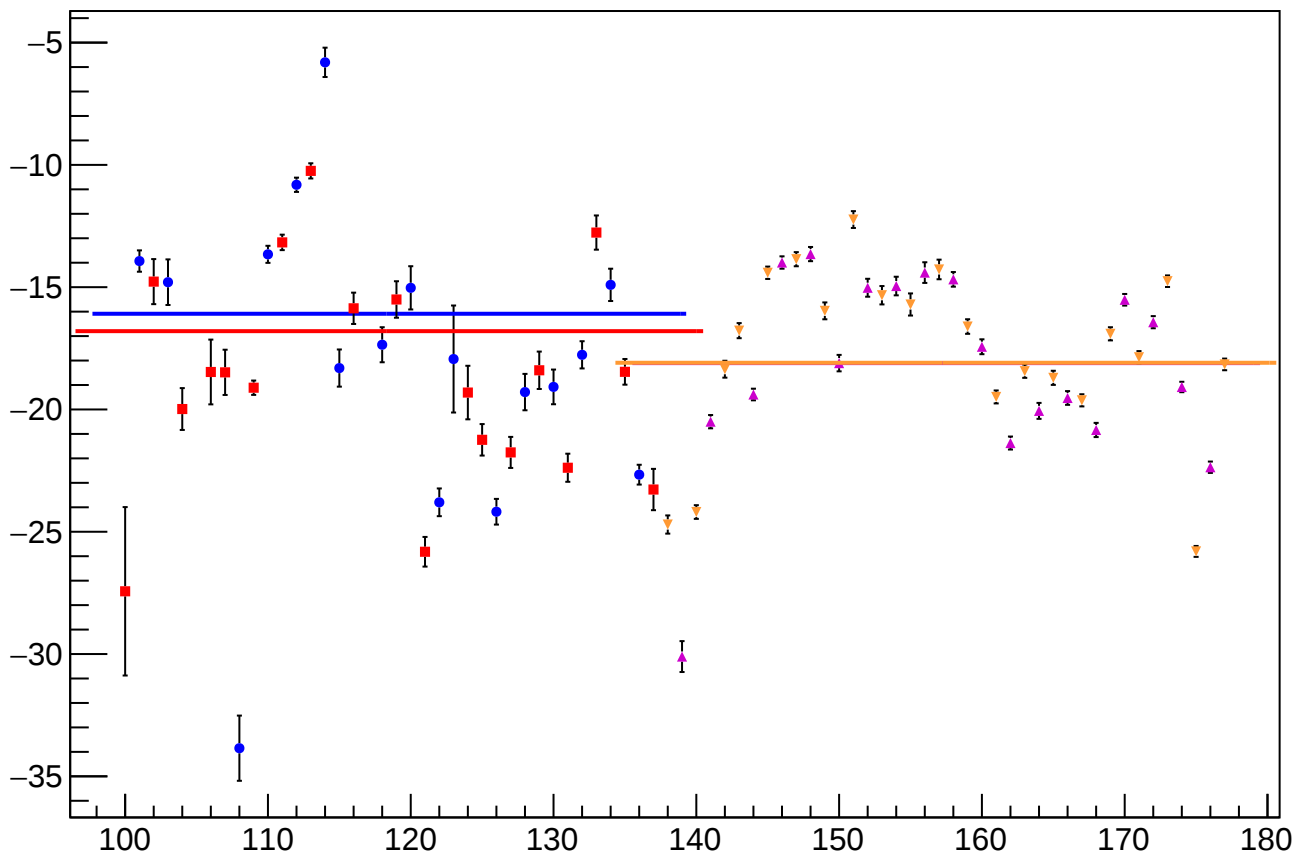
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -50.065 ± 0.071 $\chi^2/\text{NDF}: 28786.7/35$

Out: -51.219 ± 0.068 $\chi^2/\text{NDF}: 34200.0/39$

All: -50.662 ± 0.049 $\chi^2/\text{NDF}: 63124.9/75$

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: -18.105 ± 0.065 $\chi^2/\text{NDF}: 2142.0/18$

Left: -18.097 ± 0.045 $\chi^2/\text{NDF}: 5383.3/39$

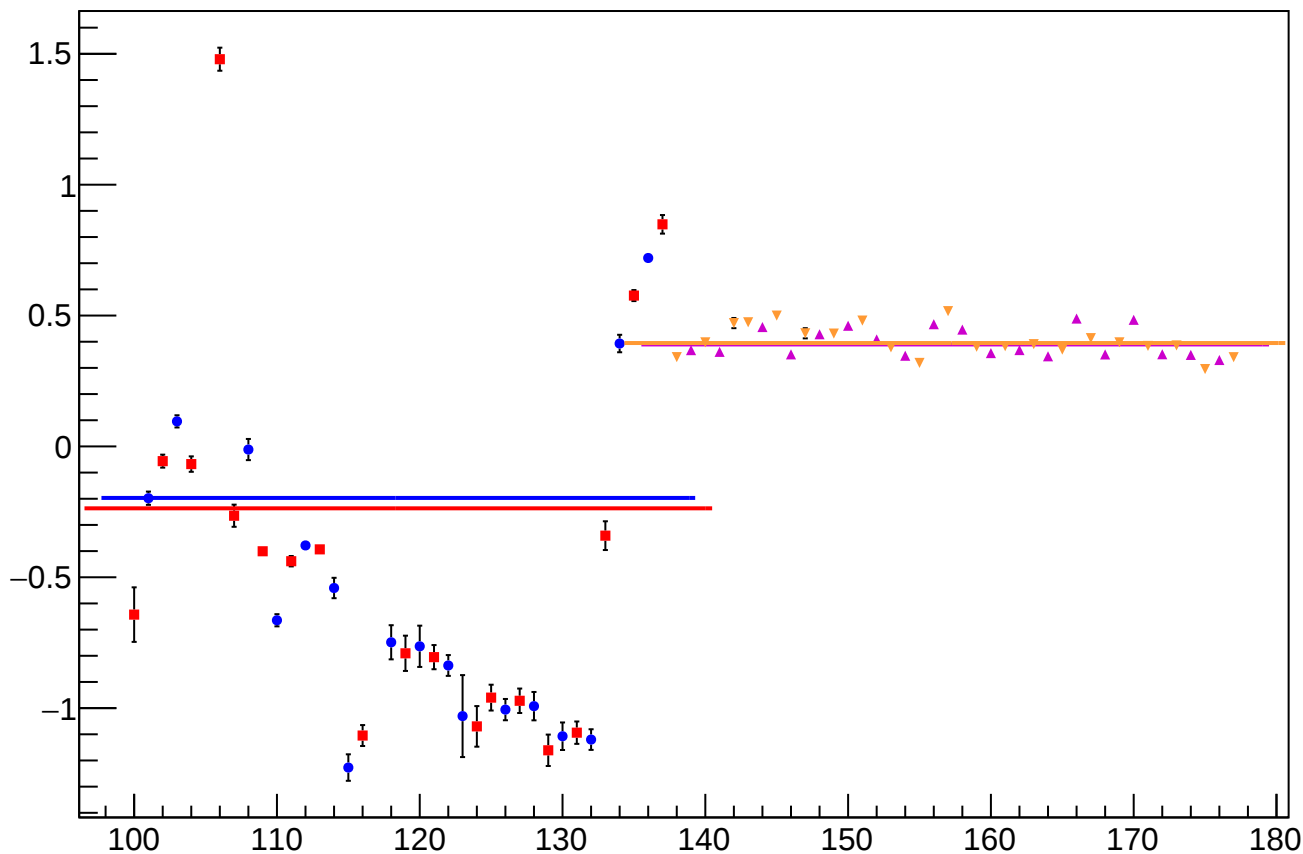
Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$

In: -17.710 ± 0.059 $\chi^2/\text{NDF}: 3950.5/35$

Out: -17.840 ± 0.056 $\chi^2/\text{NDF}: 4537.4/39$

All: -17.778 ± 0.041 $\chi^2/\text{NDF}: 8490.4/75$

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: 0.390 ± 0.003 χ^2/NDF : 341.1/18

Left: 0.392 ± 0.002 χ^2/NDF : 716.8/39

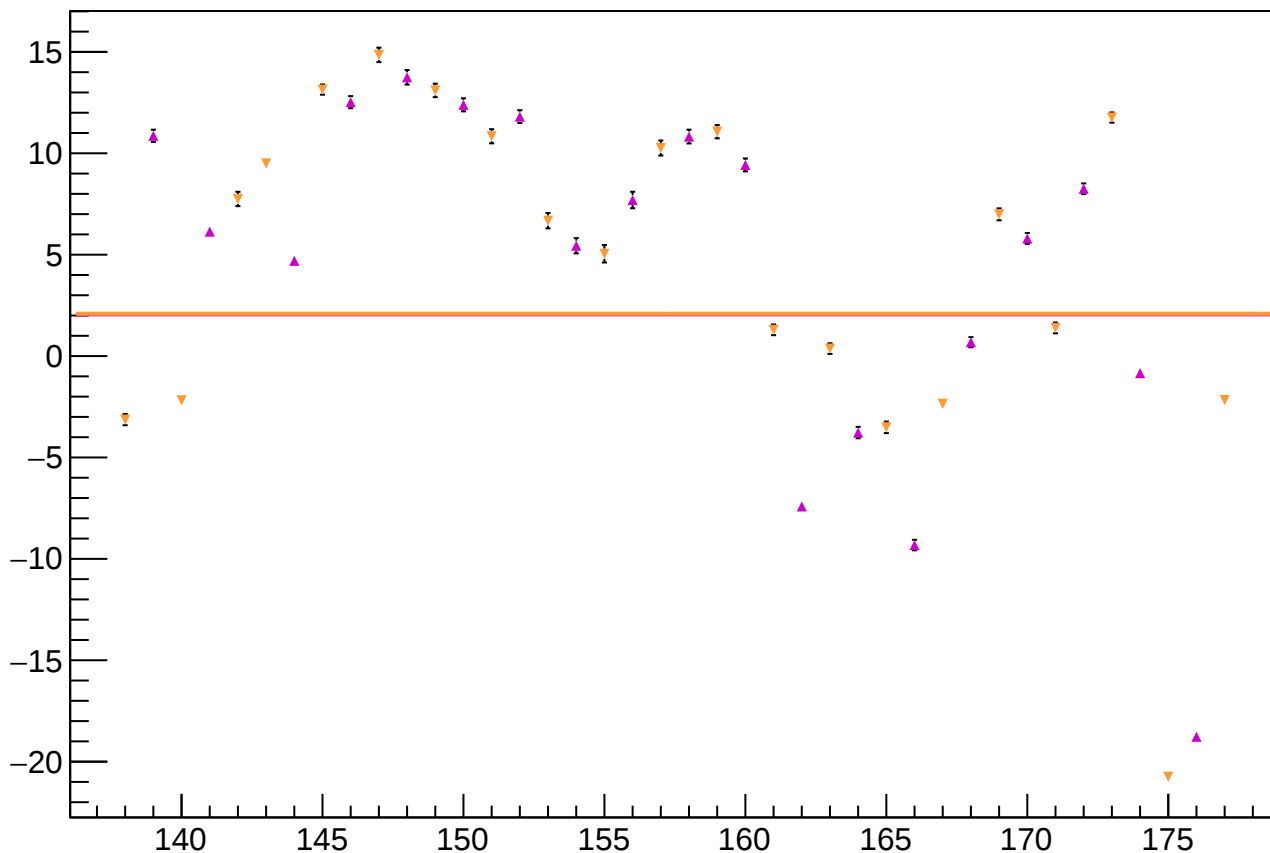
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.311 ± 0.003 χ^2/NDF : 11902.4/35

Out: 0.306 ± 0.003 χ^2/NDF : 13256.4/39

All: 0.309 ± 0.002 χ^2/NDF : 25160.9/75

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 2.088 $\pm$ 0.061 χ^2 /NDF:24479.0/20

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

Left In: 2.058 $\pm$ 0.063 χ^2 /NDF:21485.3/18

Left: 2.074 $\pm$ 0.044 χ^2 /NDF: 45964.4/39

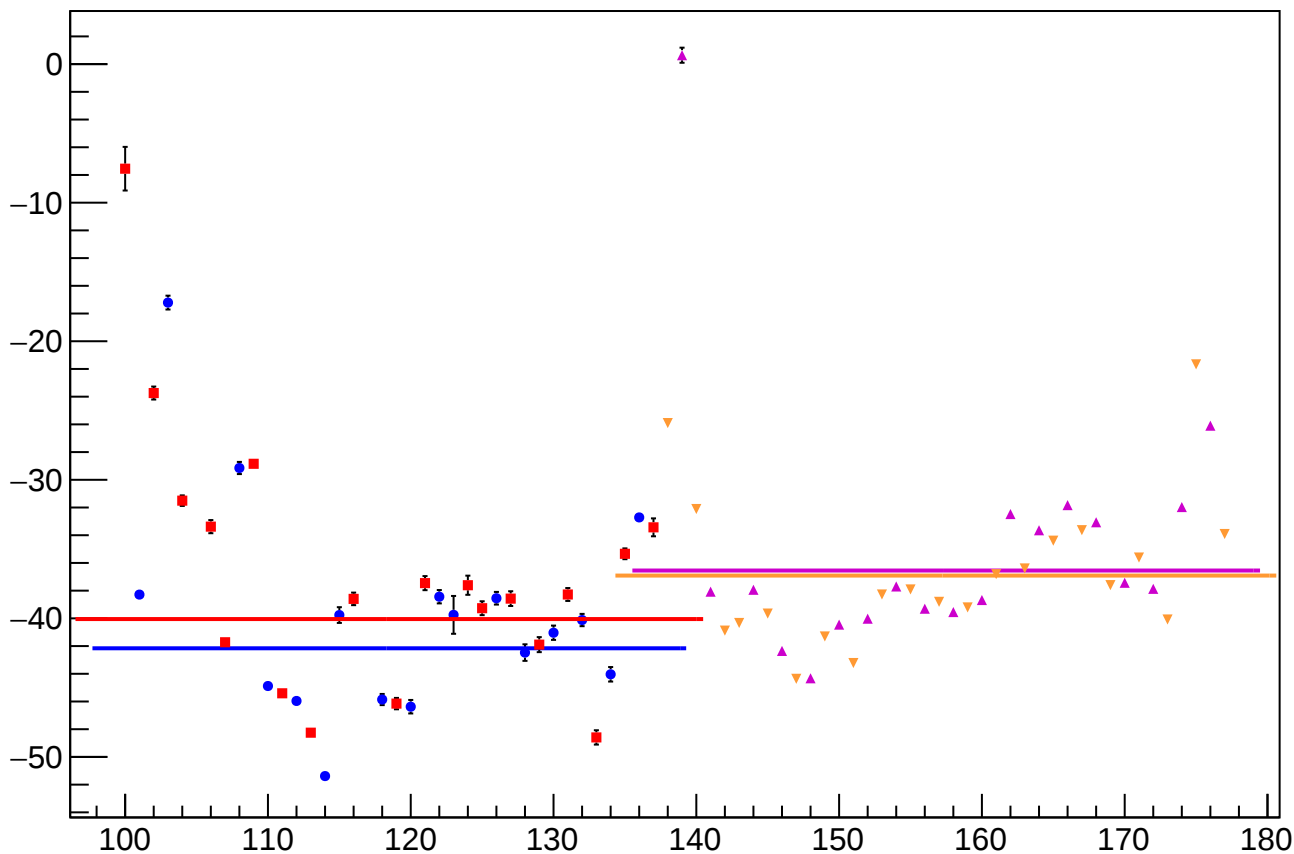
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 2.058 $\pm$ 0.063 χ^2 /NDF:21485.3/18

Out: 2.088 $\pm$ 0.061 χ^2 /NDF:24479.0/20

All: 2.074 $\pm$ 0.044 χ^2 /NDF: 45964.4/39

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 $\pm$ 0.078 χ^2/NDF : 6570.6/16

Left Out: -36.912 $\pm$ 0.045 χ^2/NDF :14185.1/20

Right Out: -40.050 $\pm$ 0.073 χ^2/NDF : 11311.3/18

Left In: -36.547 $\pm$ 0.048 χ^2/NDF :13513.6/18

Left: -36.741 $\pm$ 0.033 χ^2/NDF : 27729.1/39

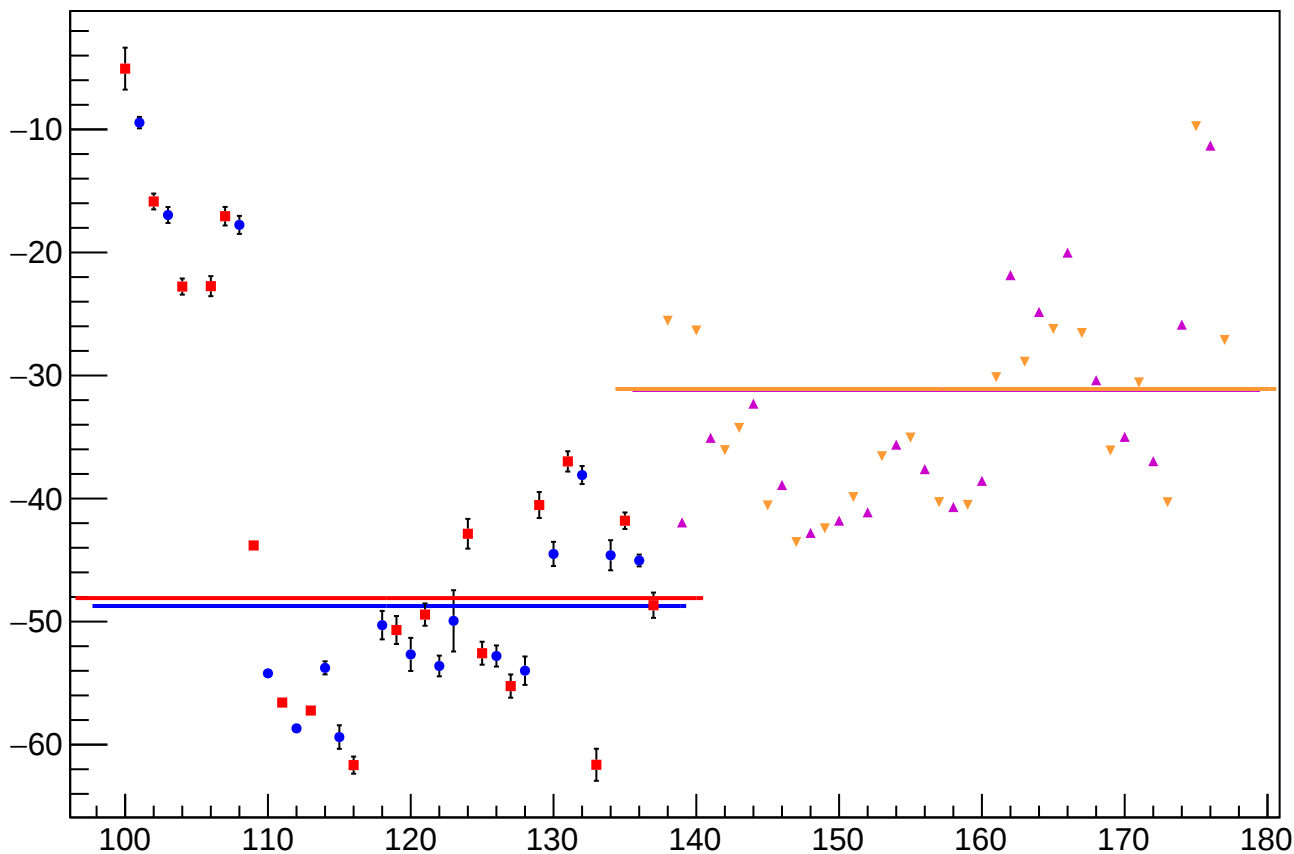
Right: -41.033 $\pm$ 0.053 χ^2/NDF : 18273.5/35

In: -38.097 $\pm$ 0.041 χ^2/NDF :23840.7/35

Out: -37.788 $\pm$ 0.038 χ^2/NDF :26837.4/39

All: -37.933 $\pm$ 0.028 χ^2/NDF : 50708.4/75

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: -31.172 ± 0.063 χ^2/NDF : 21672.2/18

Left: -31.131 ± 0.044 χ^2/NDF : 43560.5/39

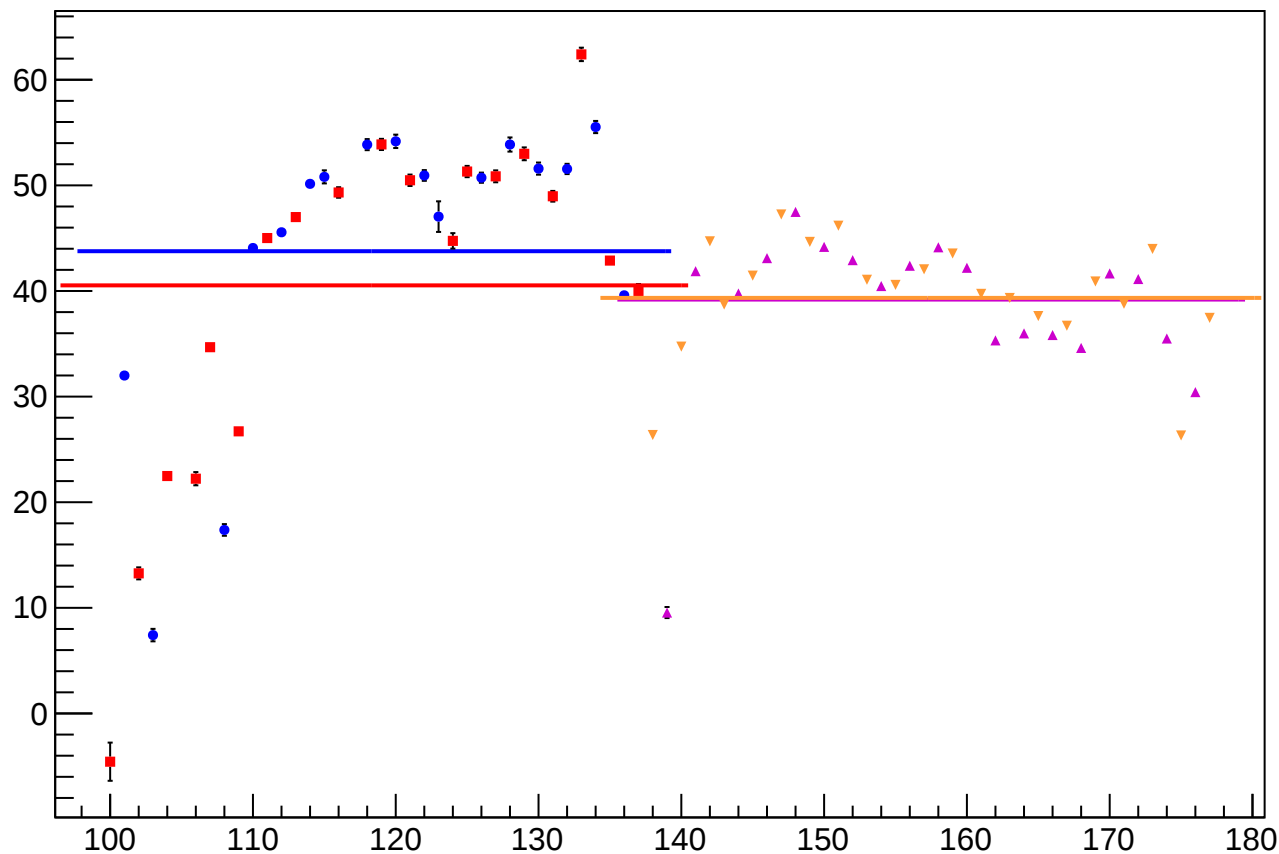
Right: -48.363 ± 0.081 χ^2/NDF : 26406.2/35

In: -34.752 ± 0.056 χ^2/NDF : 52124.8/35

Out: -35.221 ± 0.053 χ^2/NDF : 52643.4/39

All: -35.002 ± 0.039 χ^2/NDF : 104805.2/75

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767+/-0.087 χ^2/NDF : 10633.5/16

Left Out: 39.346+/-0.052 χ^2/NDF :10448.2/20

Right Out: 40.531+/-0.080 χ^2/NDF : 17580.8/18

Left In: 39.187+/-0.055 χ^2/NDF :9451.0/18

Left: 39.271+/-0.037 χ^2/NDF : 19903.7/39

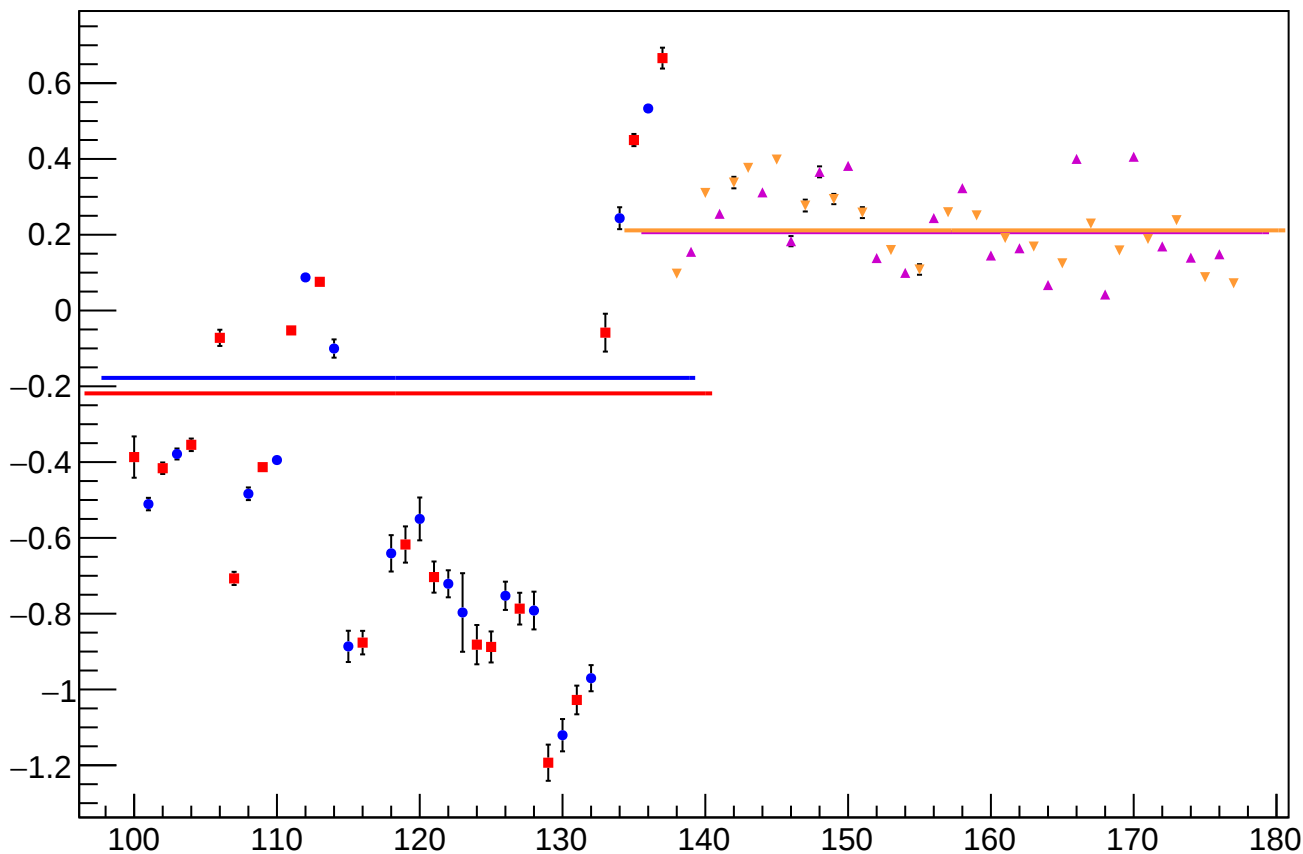
Right: 42.021+/-0.059 χ^2/NDF : 28963.8/35

In: 40.483+/-0.046 χ^2/NDF :22079.7/35

Out: 39.693+/-0.043 χ^2/NDF :28183.8/39

All: 40.063+/-0.032 χ^2/NDF : 50419.3/75

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: 0.207 ± 0.002 χ^2/NDF : 1968.5/18

Left: 0.209 ± 0.002 χ^2/NDF : 3490.9/39

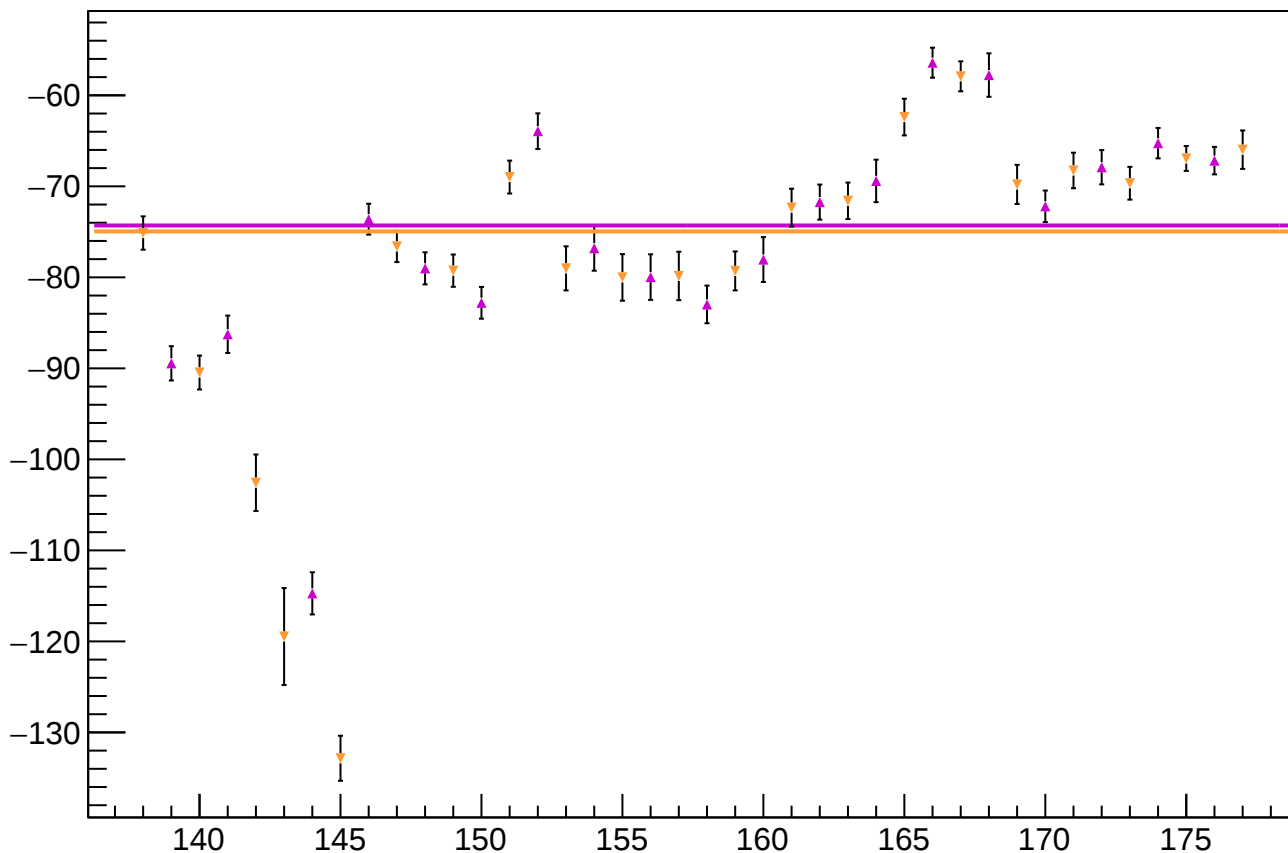
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.127 ± 0.002 χ^2/NDF : 14336.9/35

Out: 0.110 ± 0.002 χ^2/NDF : 16622.2/39

All: 0.118 ± 0.002 χ^2/NDF : 30993.5/75

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: -74.301+/-0.443 χ^2/NDF :724.0/18

Left: -74.629+/-0.312 χ^2/NDF : 1750.8/39

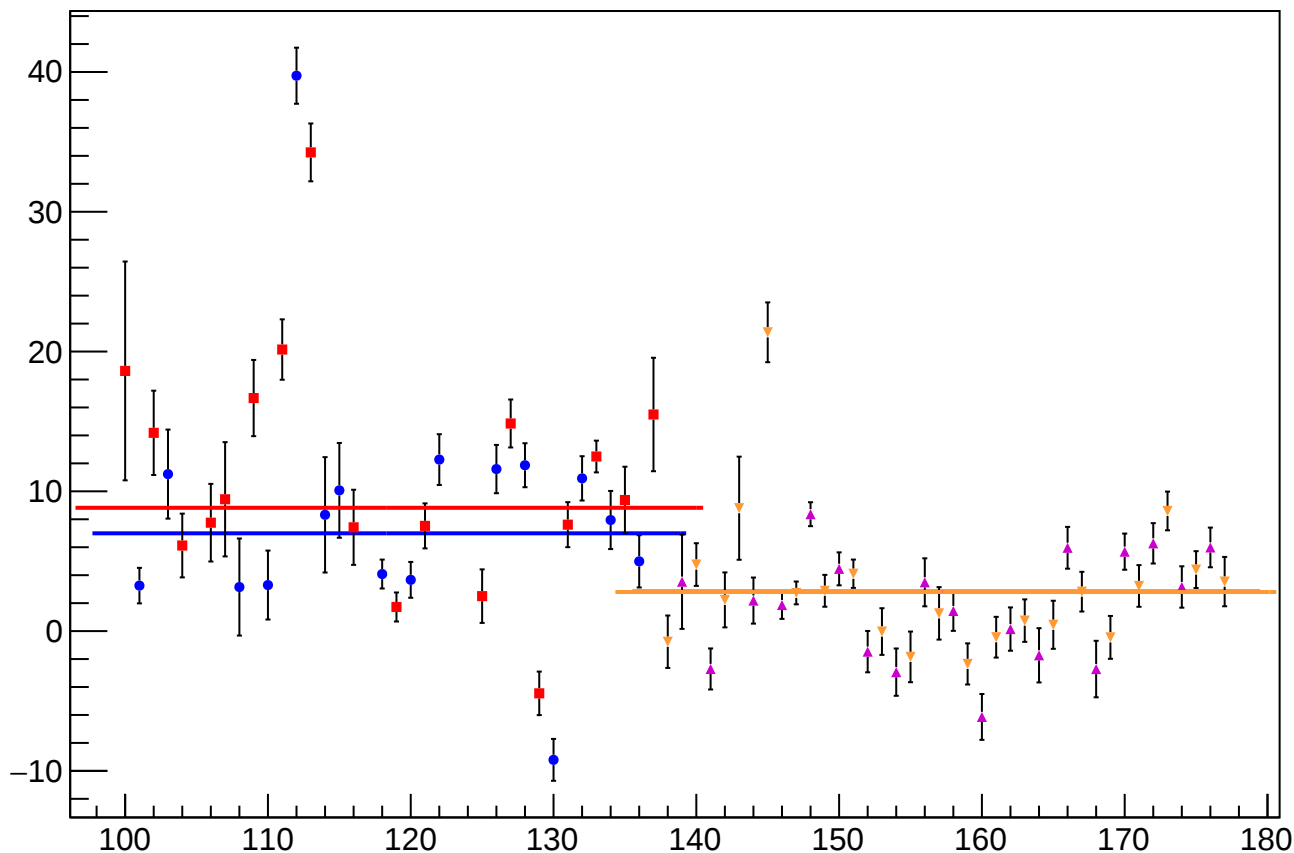
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.301+/-0.443 χ^2/NDF :724.0/18

Out: -74.952+/-0.440 χ^2/NDF :1025.7/20

All: -74.629+/-0.312 χ^2/NDF : 1750.8/39

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 2.796 $\pm$ 0.317 χ^2 /NDF:139.7/20

Right Out: 8.822 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: 2.831 $\pm$ 0.326 χ^2 /NDF:146.1/18

Left: 2.813 $\pm$ 0.227 χ^2 /NDF: 285.8/39

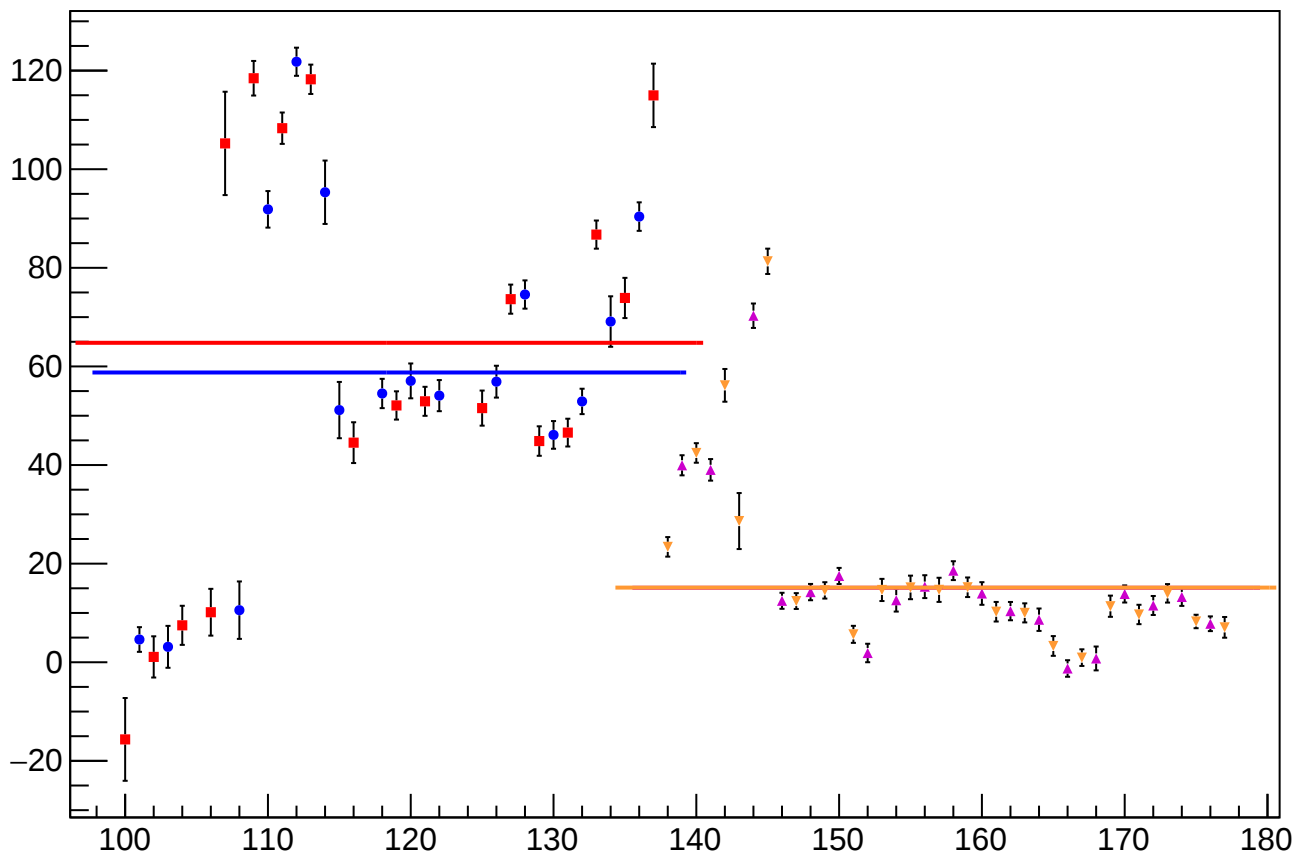
Right: 7.879 $\pm$ 0.312 χ^2 /NDF: 804.3/33

In: 4.330 $\pm$ 0.260 χ^2 /NDF:650.4/34

Out: 4.802 $\pm$ 0.259 χ^2 /NDF:610.5/38

All: 4.567 $\pm$ 0.184 χ^2 /NDF: 1262.5/73

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770+/-0.833 χ^2/NDF : 1493.3/15

Left Out: 15.141+/-0.434 χ^2/NDF :1232.0/20

Right Out: 64.792+/-0.840 χ^2/NDF : 1718.1/17

Left In: 15.101+/-0.438 χ^2/NDF :997.0/18

Left: 15.121+/-0.308 χ^2/NDF : 2229.0/39

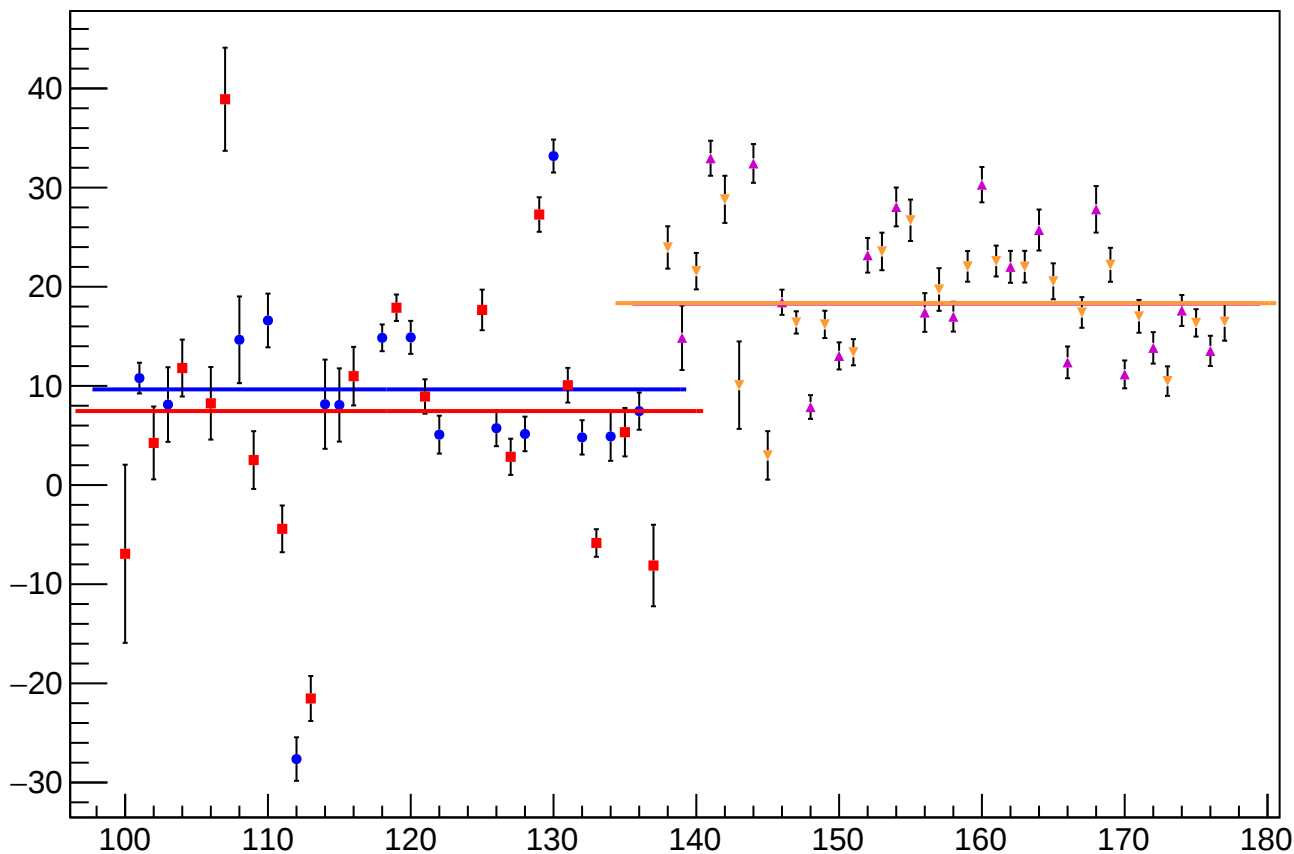
Right: 61.754+/-0.592 χ^2/NDF : 3237.3/33

In: 24.553+/-0.388 χ^2/NDF :4644.2/34

Out: 25.600+/-0.386 χ^2/NDF :5704.7/38

All: 25.079+/-0.273 χ^2/NDF : 10352.6/73

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: 18.300 ± 0.376 $\chi^2/\text{NDF}: 384.3/18$

Left: 18.321 ± 0.263 $\chi^2/\text{NDF}: 557.1/39$

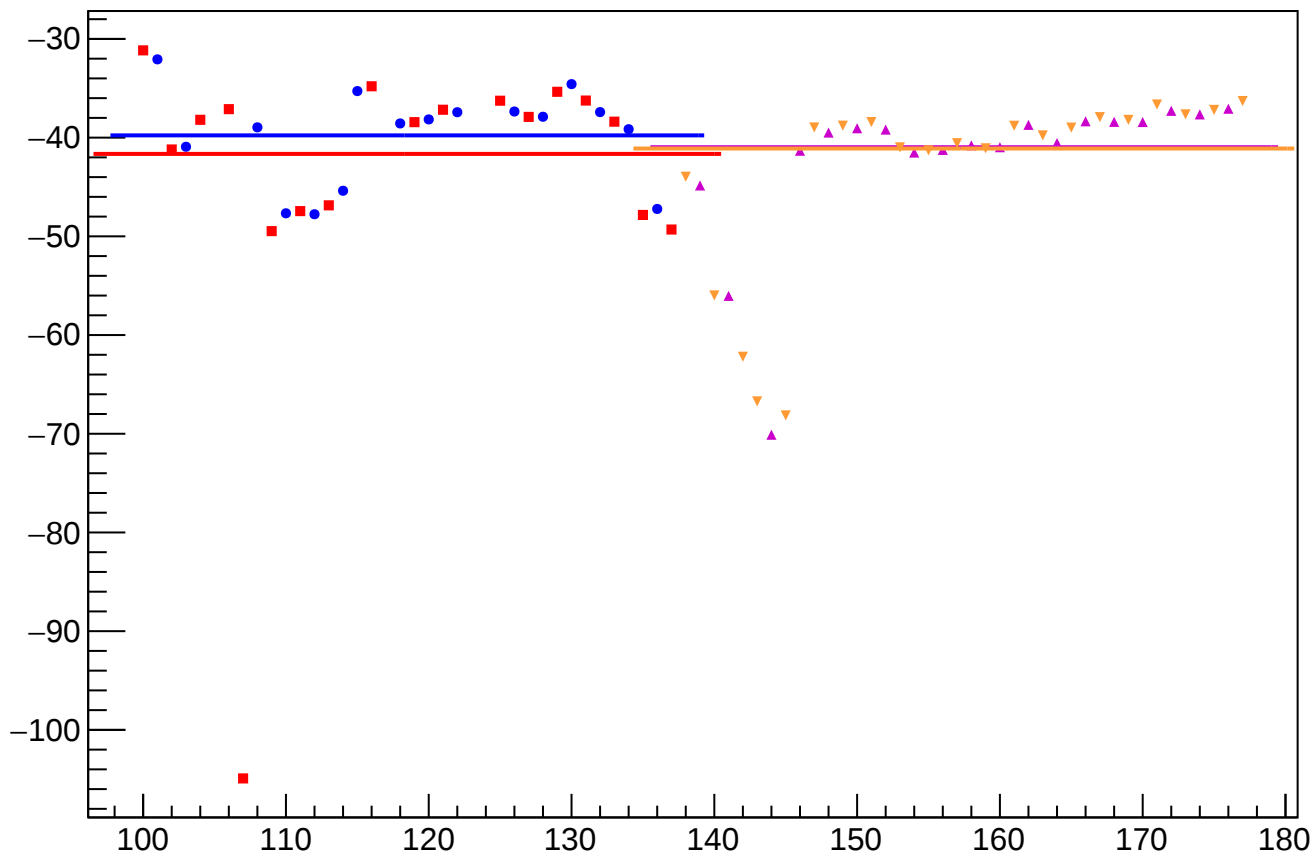
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 15.192 ± 0.301 $\chi^2/\text{NDF}: 1128.1/34$

Out: 14.685 ± 0.299 $\chi^2/\text{NDF}: 1035.2/38$

All: 14.937 ± 0.212 $\chi^2/\text{NDF}: 2164.7/73$

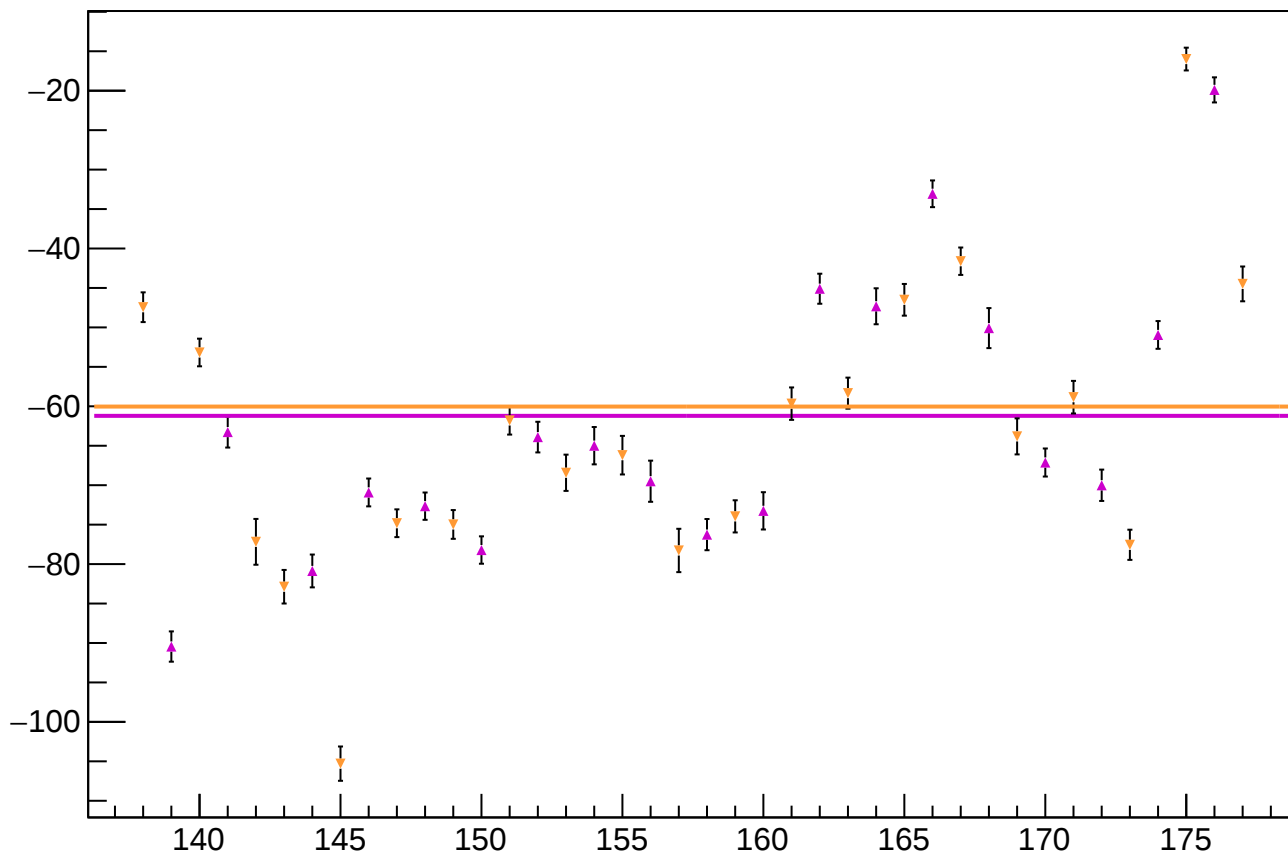
reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15
 Left Out: -41.103 ± 0.017 χ^2/NDF : 161312.6/20
 Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17
 Left In: -40.970 ± 0.017 χ^2/NDF : 118955.8/18

Left: -41.036 ± 0.012 χ^2/NDF : 280297.9/39
 Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33
 In: -40.688 ± 0.015 χ^2/NDF : 146268.0/34
 Out: -41.232 ± 0.015 χ^2/NDF : 256059.4/38
 All: -40.959 ± 0.011 χ^2/NDF : 402974.1/73

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: -61.210 ± 0.446 χ^2/NDF : 1734.2/18

Left: -60.608 ± 0.311 χ^2/NDF : 3856.7/39

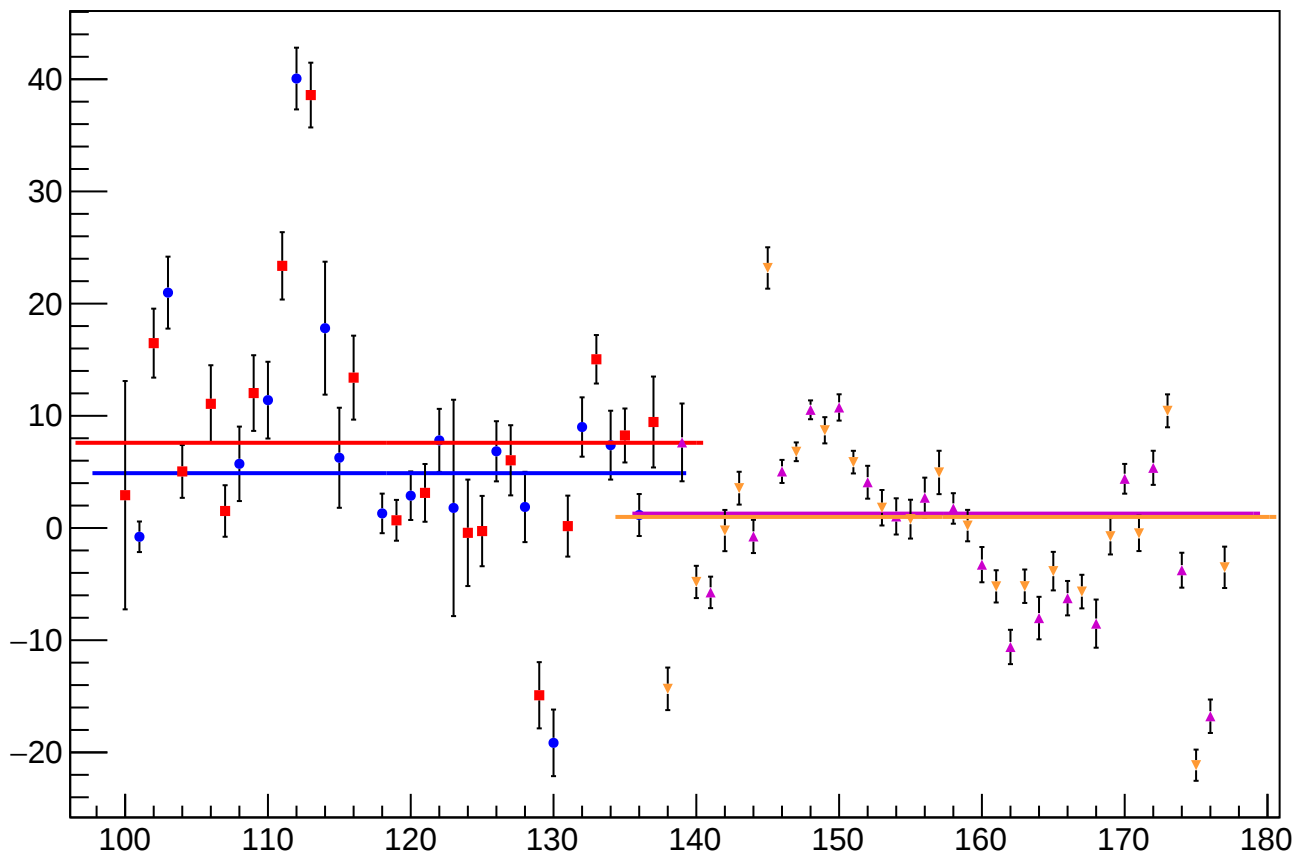
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -61.210 ± 0.446 χ^2/NDF : 1734.2/18

Out: -60.033 ± 0.435 χ^2/NDF : 2119.0/20

All: -60.608 ± 0.311 χ^2/NDF : 3856.7/39

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 0.988 ± 0.312 $\chi^2/\text{NDF}: 716.2/20$

Right Out: 7.596 ± 0.651 $\chi^2/\text{NDF}: 269.4/18$

Left In: 1.283 ± 0.325 $\chi^2/\text{NDF}: 542.4/18$

Left: 1.129 ± 0.225 $\chi^2/\text{NDF}: 1259.0/39$

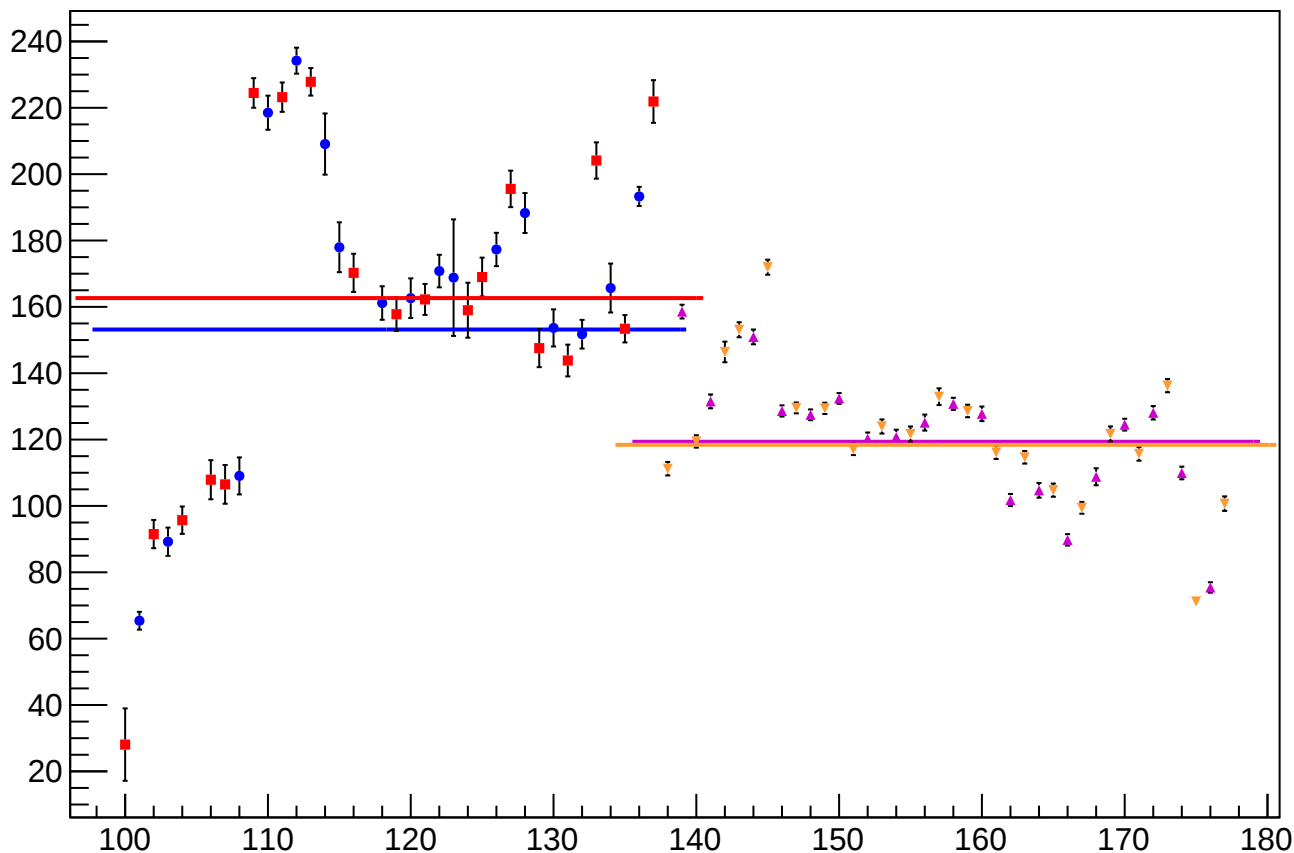
Right: 6.180 ± 0.450 $\chi^2/\text{NDF}: 573.2/35$

In: 2.056 ± 0.288 $\chi^2/\text{NDF}: 863.5/35$

Out: 2.224 ± 0.281 $\chi^2/\text{NDF}: 1069.4/39$

All: 2.142 ± 0.201 $\chi^2/\text{NDF}: 1933.1/75$

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: 119.338 $\pm$ 0.440 χ^2 /NDF:2047.7/18

Left: 118.869 $\pm$ 0.308 χ^2 /NDF: 4481.2/39

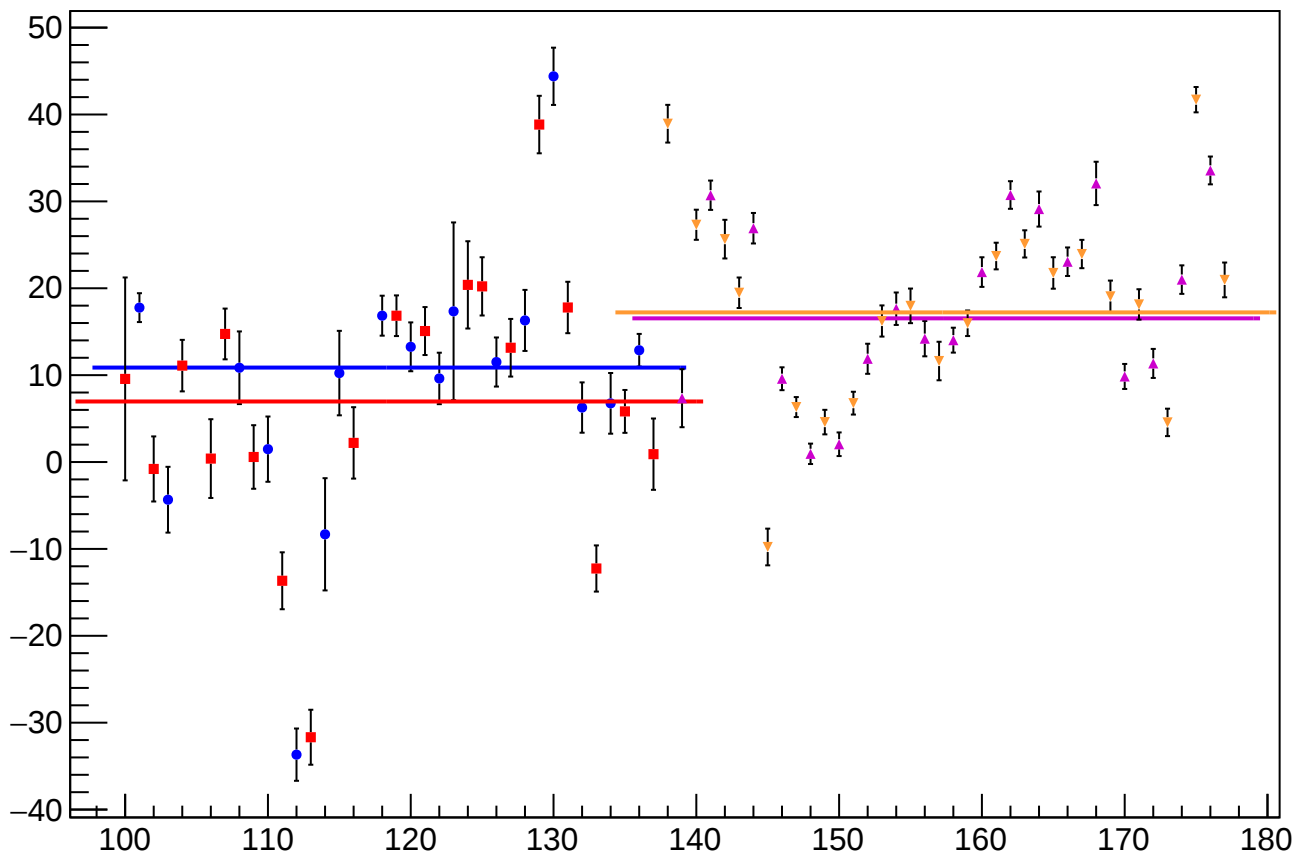
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 123.678 $\pm$ 0.411 χ^2 /NDF:5071.4/35

Out: 123.649 $\pm$ 0.404 χ^2 /NDF:5386.7/39

All: 123.663 $\pm$ 0.288 χ^2 /NDF: 10458.1/75

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: 16.537 $\pm$ 0.376 χ^2 /NDF: 777.2/18

Left: 16.893 $\pm$ 0.261 χ^2 /NDF: 1750.3/39

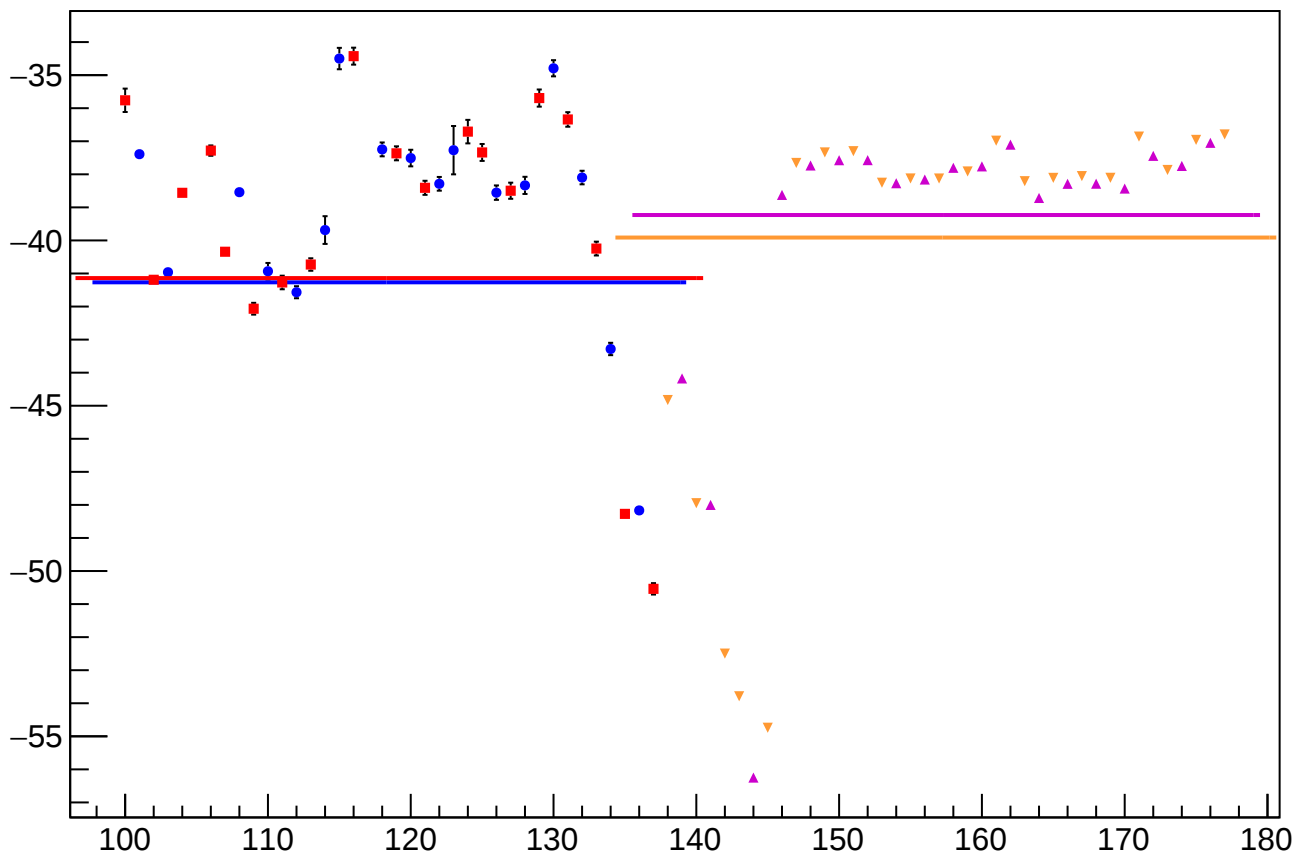
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 15.309 $\pm$ 0.333 χ^2 /NDF: 1213.1/35

Out: 15.274 $\pm$ 0.326 χ^2 /NDF: 1546.1/39

All: 15.291 $\pm$ 0.233 χ^2 /NDF: 2759.3/75

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -39.913 ± 0.017 $\chi^2/\text{NDF}: 88894.5/20$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -39.231 ± 0.017 $\chi^2/\text{NDF}: 51917.1/18$

Left: -39.575 ± 0.012 $\chi^2/\text{NDF}: 141589.7/39$

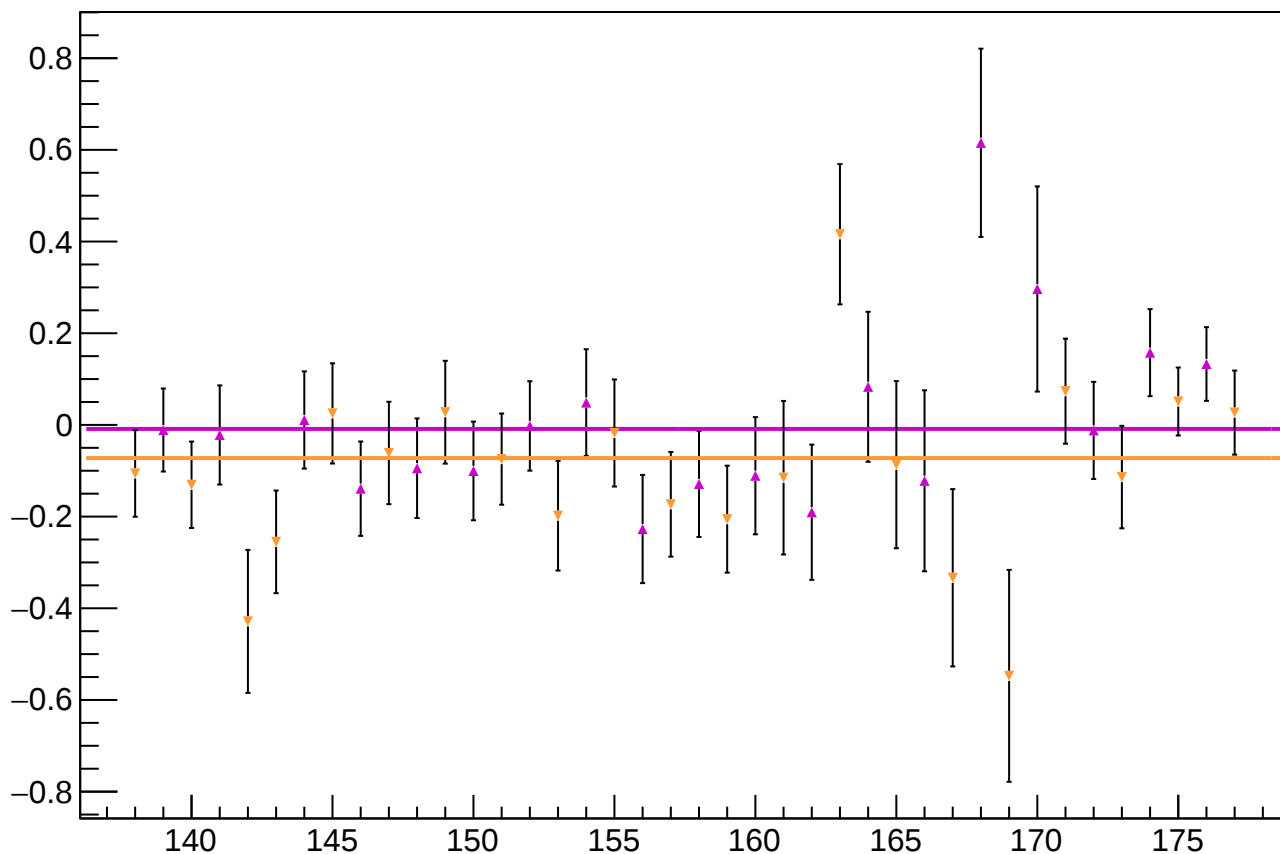
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -39.575 ± 0.016 $\chi^2/\text{NDF}: 66820.1/35$

Out: -40.115 ± 0.016 $\chi^2/\text{NDF}: 101978.6/39$

All: -39.847 ± 0.011 $\chi^2/\text{NDF}: 169386.4/75$

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: -0.009 $\pm$ 0.026 χ^2 /NDF:27.8/18

Left: -0.042 $\pm$ 0.018 χ^2 /NDF: 66.3/39

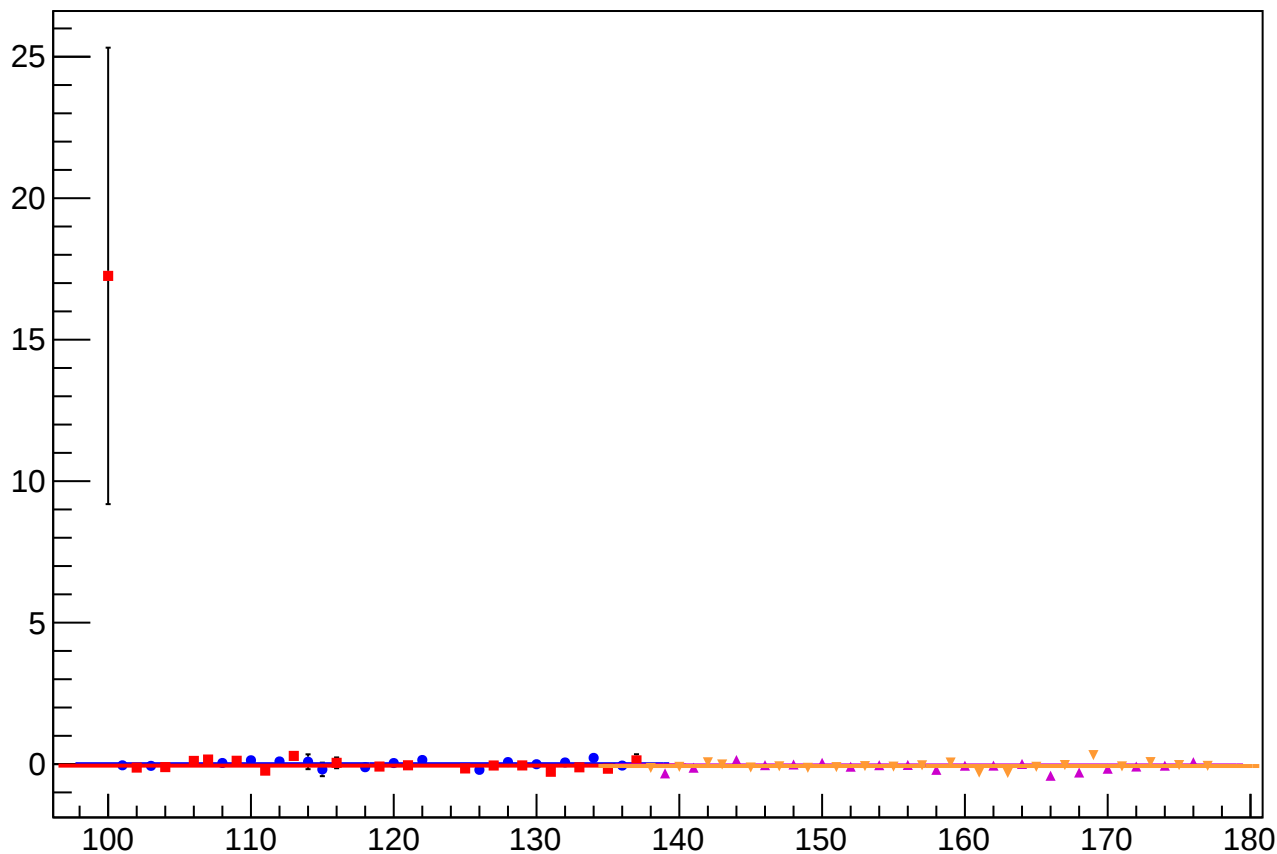
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.009 $\pm$ 0.026 χ^2 /NDF:27.8/18

Out: -0.072 $\pm$ 0.025 χ^2 /NDF:35.4/20

All: -0.042 $\pm$ 0.018 χ^2 /NDF: 66.3/39

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: -0.045 ± 0.019 χ^2/NDF : 26.0/18

Left: -0.057 ± 0.013 χ^2/NDF : 50.3/39

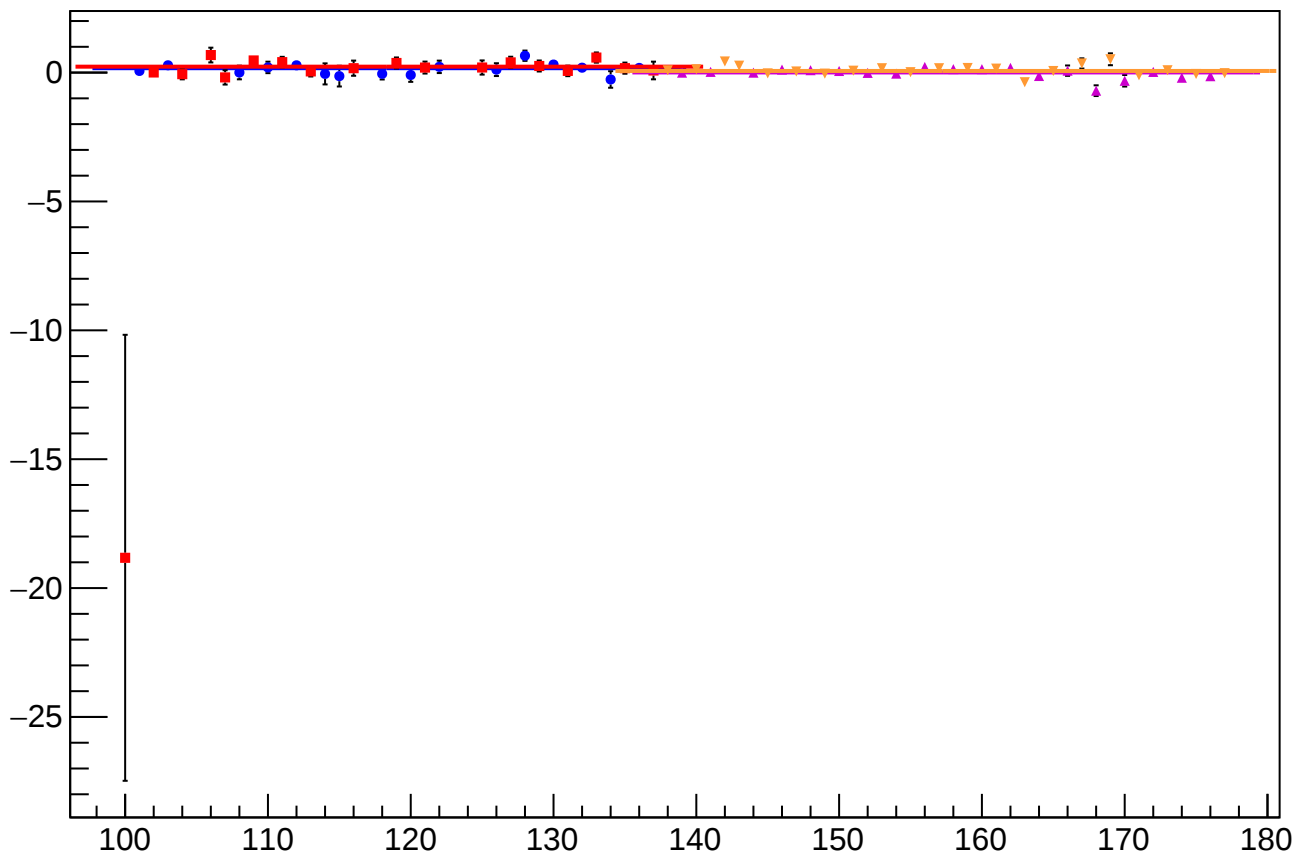
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.031 ± 0.016 χ^2/NDF : 39.6/34

Out: -0.064 ± 0.016 χ^2/NDF : 49.3/38

All: -0.048 ± 0.011 χ^2/NDF : 91.0/73

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: 0.005 $\pm$ 0.026 χ^2 /NDF:32.4/18

Left: 0.035 $\pm$ 0.018 χ^2 /NDF: 68.9/39

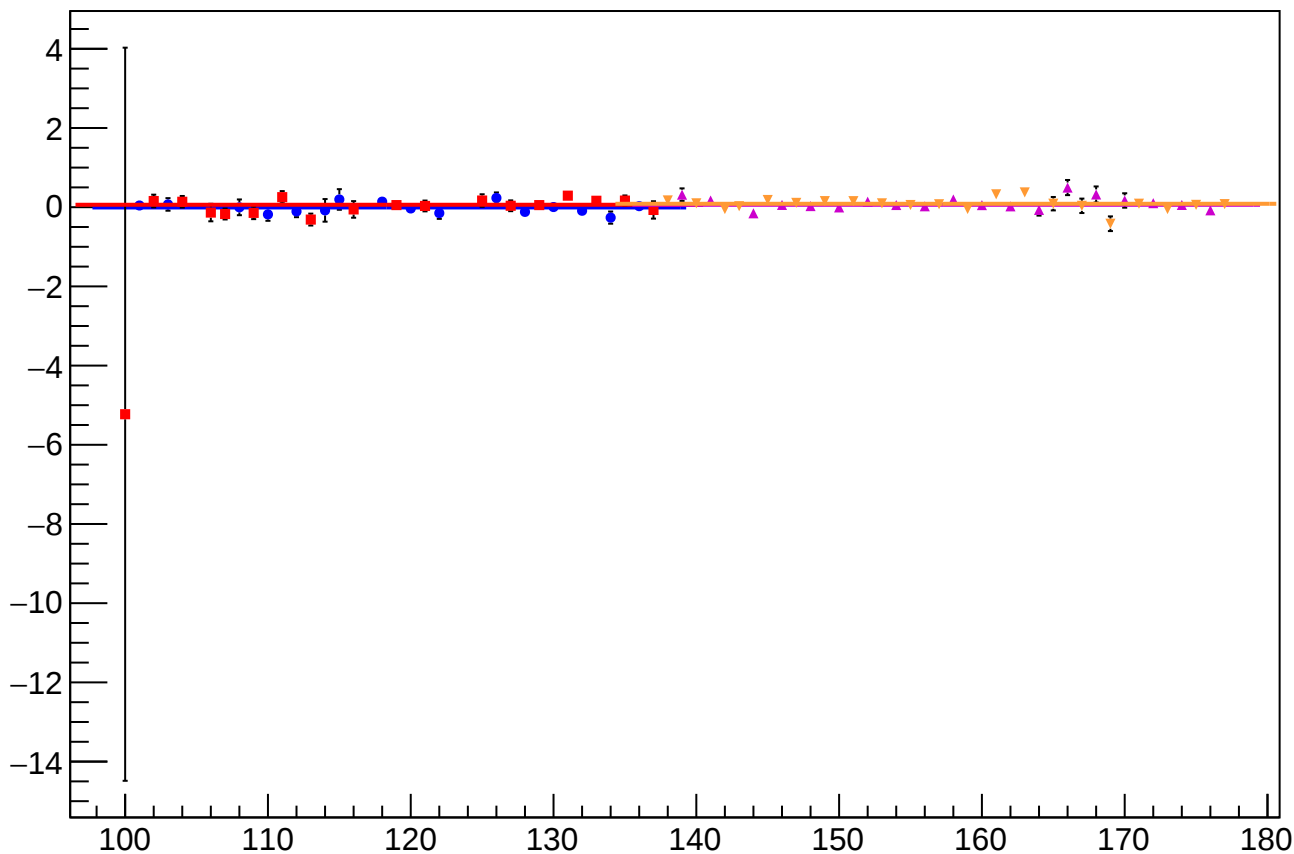
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.038 $\pm$ 0.023 χ^2 /NDF:53.4/34

Out: 0.092 $\pm$ 0.023 χ^2 /NDF:63.5/38

All: 0.066 $\pm$ 0.016 χ^2 /NDF: 119.7/73

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 : 25.4/18

Left: 0.074 ± 0.015 χ^2/NDF : 52.0/39

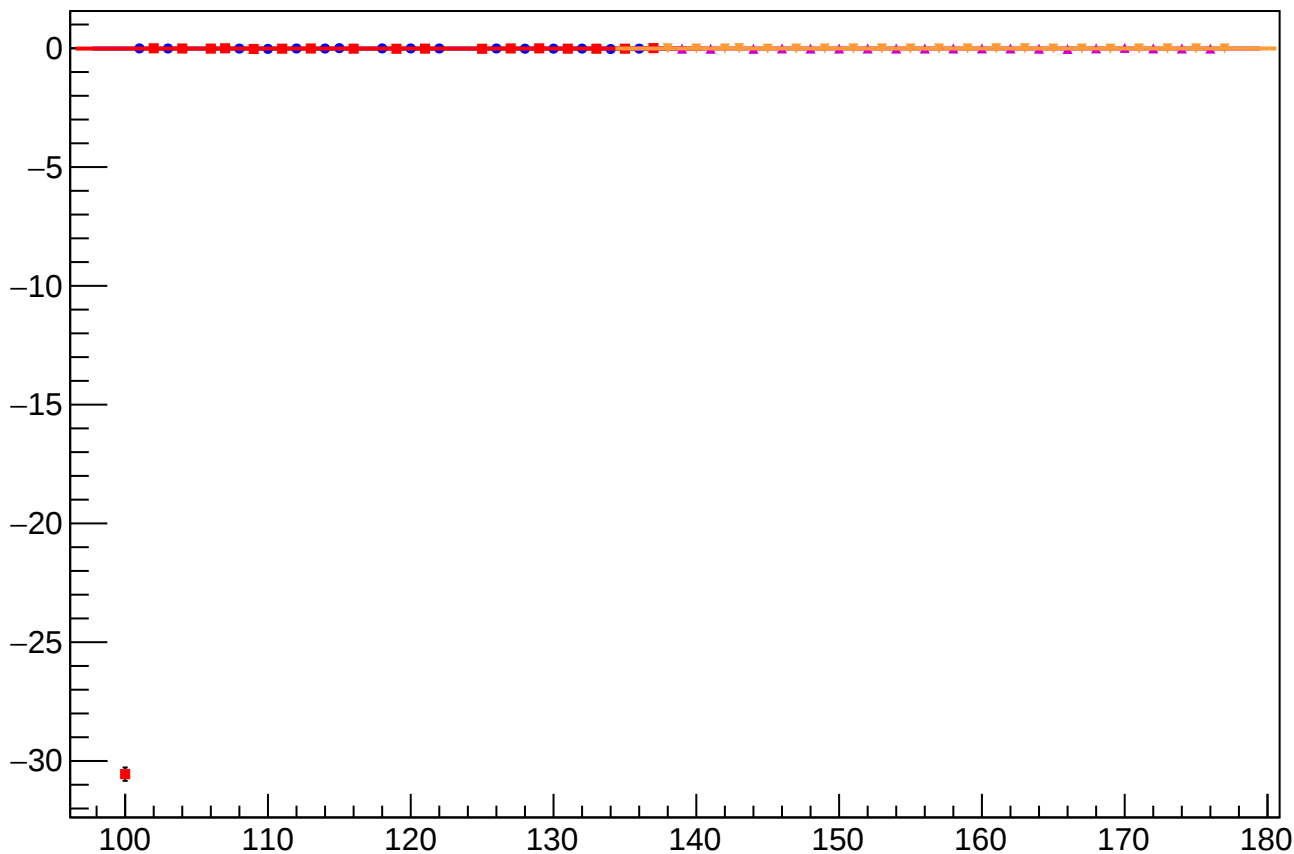
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.039 ± 0.018 χ^2/NDF : 41.5/34

Out: 0.079 ± 0.018 χ^2/NDF : 46.6/38

All: 0.060 ± 0.013 χ^2/NDF : 90.5/73

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:20.4/20

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.010 $\pm$ 0.001 χ^2 /NDF:31.7/18

Left: -0.009 $\pm$ 0.001 χ^2 /NDF: 54.4/39

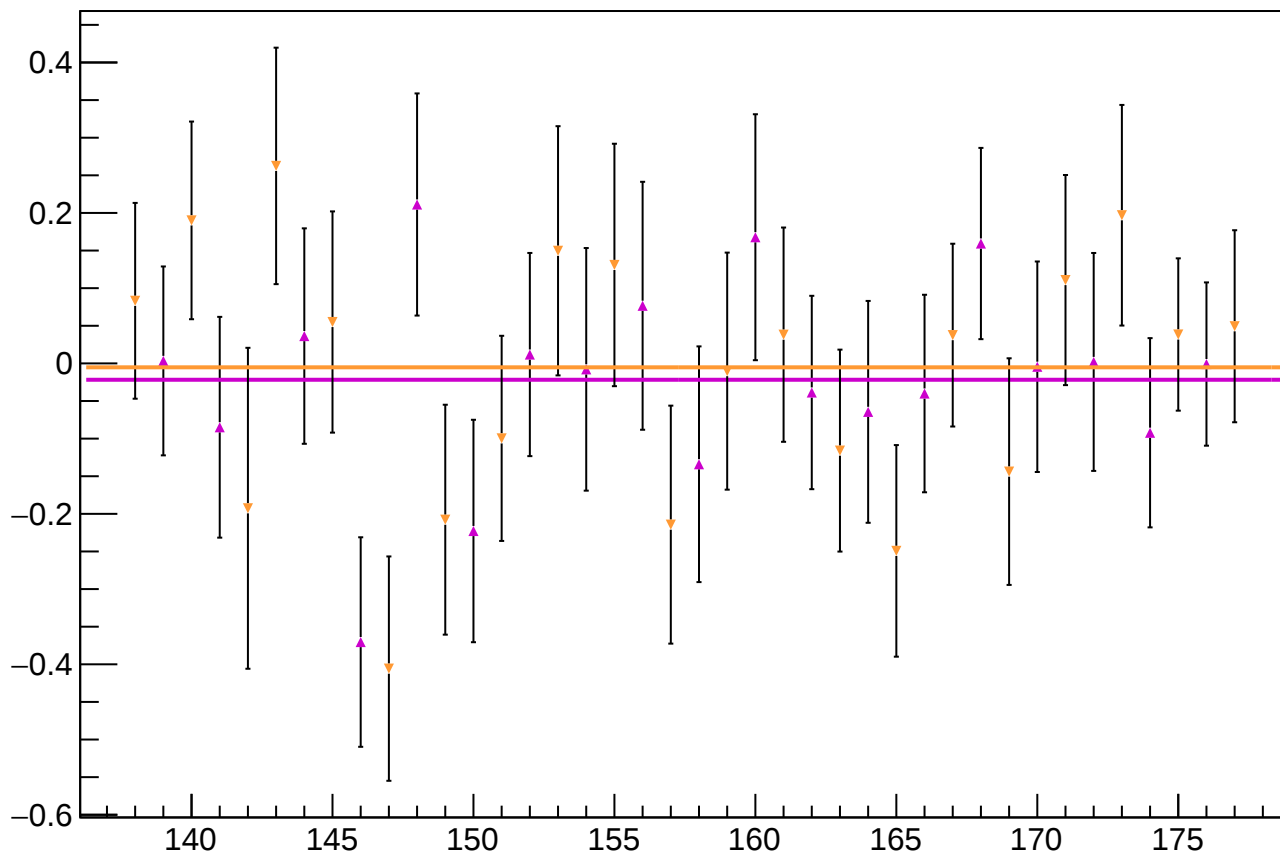
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.010 $\pm$ 0.001 χ^2 /NDF:45.4/34

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11915.0/38

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11962.2/73

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: -0.022 $\pm$ 0.032 χ^2 /NDF:15.8/18

Left: -0.013 $\pm$ 0.022 χ^2 /NDF: 43.0/39

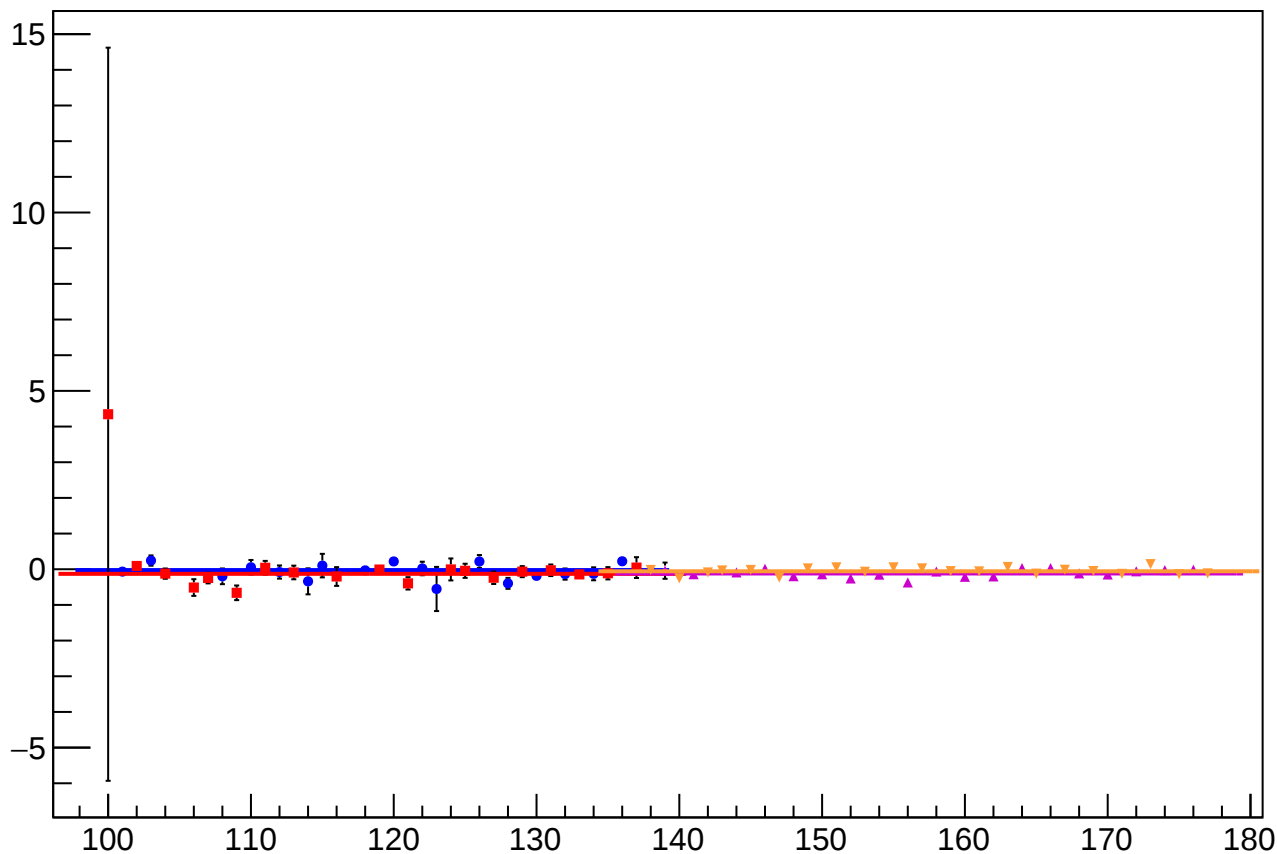
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.022 $\pm$ 0.032 χ^2 /NDF:15.8/18

Out: -0.005 $\pm$ 0.031 χ^2 /NDF:27.0/20

All: -0.013 $\pm$ 0.022 χ^2 /NDF: 43.0/39

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 $\pm$ 0.037 χ^2 /NDF: 22.4/16

Left Out: -0.057 $\pm$ 0.023 χ^2 /NDF:20.3/20

Right Out: -0.129 $\pm$ 0.039 χ^2 /NDF: 18.8/18

Left In: -0.119 $\pm$ 0.024 χ^2 /NDF:17.7/18

Left: -0.086 $\pm$ 0.017 χ^2 /NDF: 41.5/39

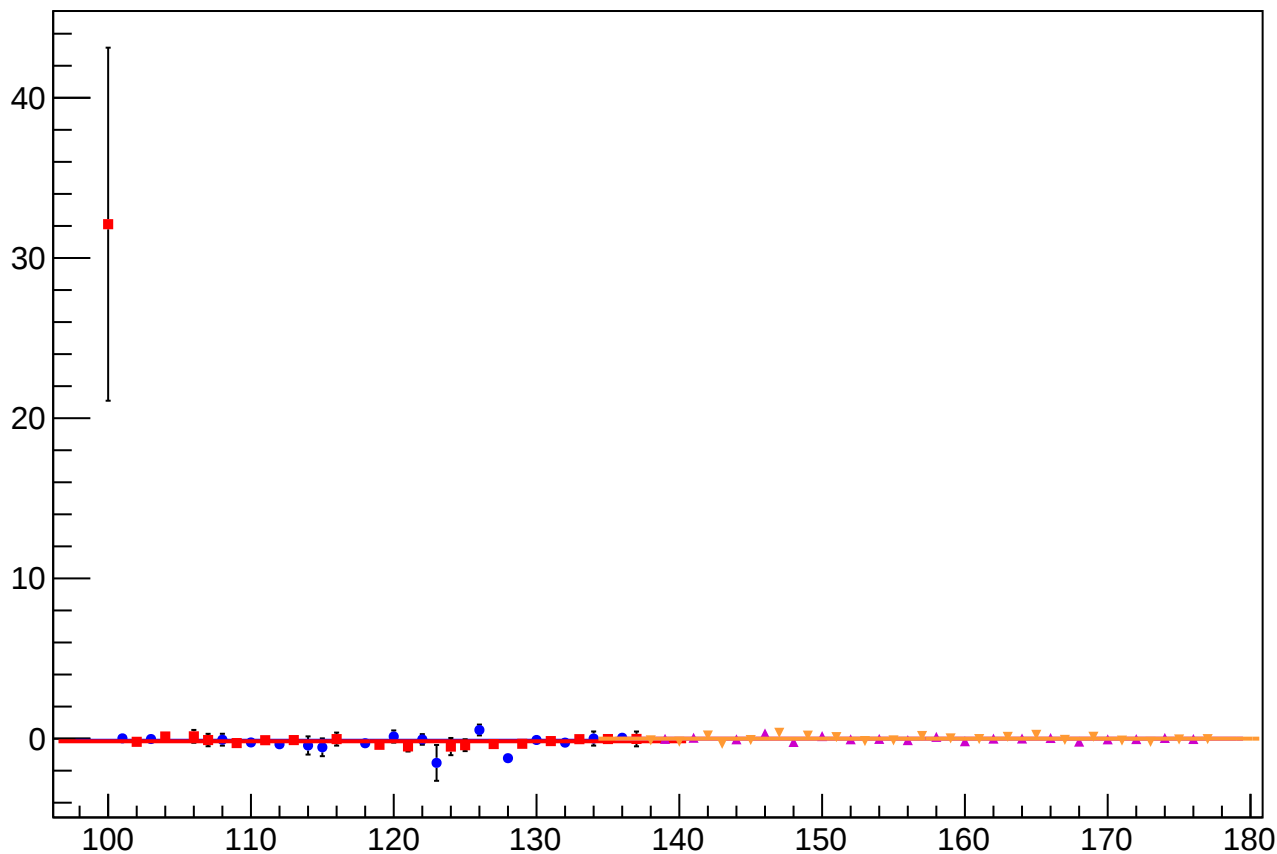
Right: -0.072 $\pm$ 0.027 χ^2 /NDF: 45.1/35

In: -0.090 $\pm$ 0.020 χ^2 /NDF:44.9/35

Out: -0.075 $\pm$ 0.020 χ^2 /NDF:41.6/39

All: -0.082 $\pm$ 0.014 χ^2 /NDF: 86.8/75

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: -0.002 ± 0.031 $\chi^2/\text{NDF}: 26.6/20$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: -0.005 ± 0.032 $\chi^2/\text{NDF}: 14.3/18$

Left: -0.004 ± 0.022 $\chi^2/\text{NDF}: 40.9/39$

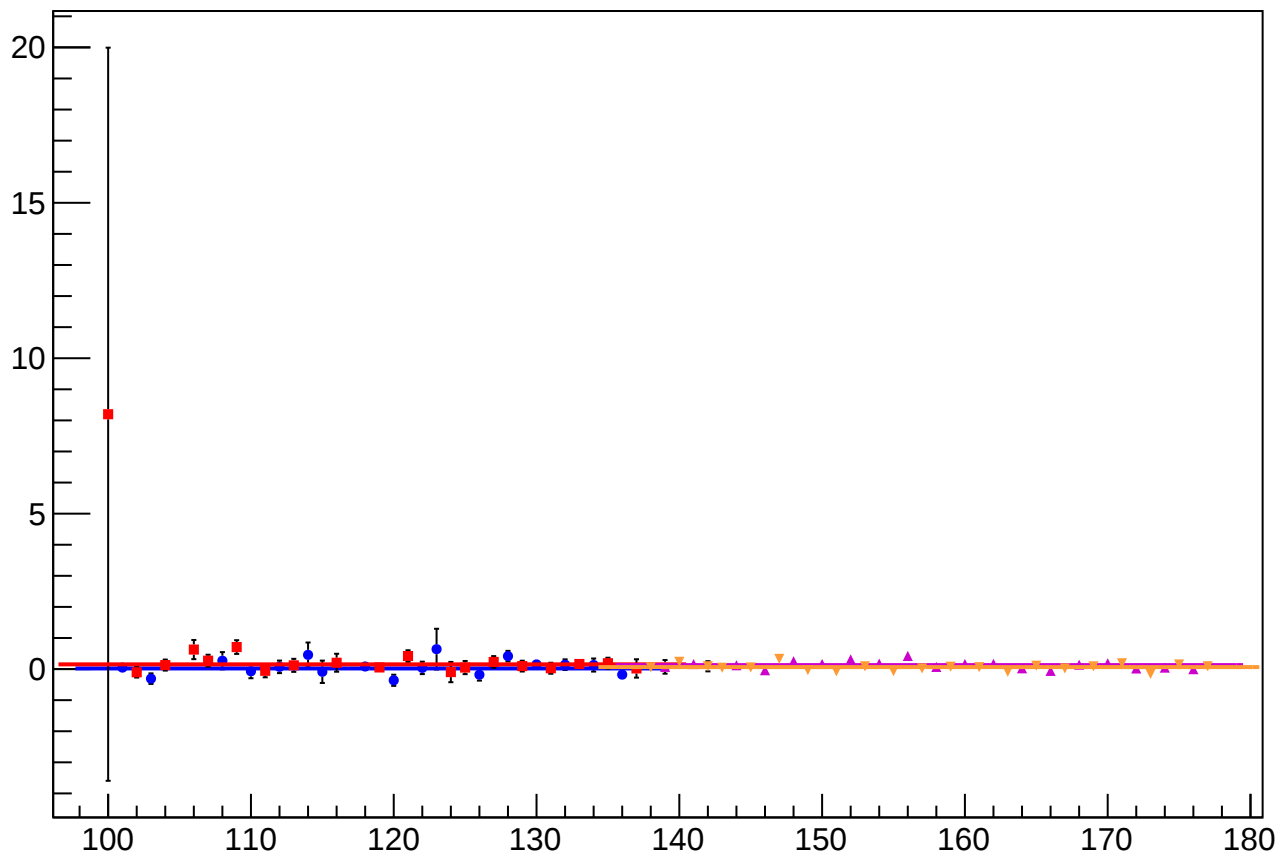
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.029 ± 0.029 $\chi^2/\text{NDF}: 43.1/35$

Out: -0.028 ± 0.028 $\chi^2/\text{NDF}: 45.8/39$

All: -0.028 ± 0.020 $\chi^2/\text{NDF}: 88.9/75$

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: 0.128 $\pm$ 0.027 χ^2 /NDF:18.2/18

Left: 0.094 $\pm$ 0.019 χ^2 /NDF: 41.0/39

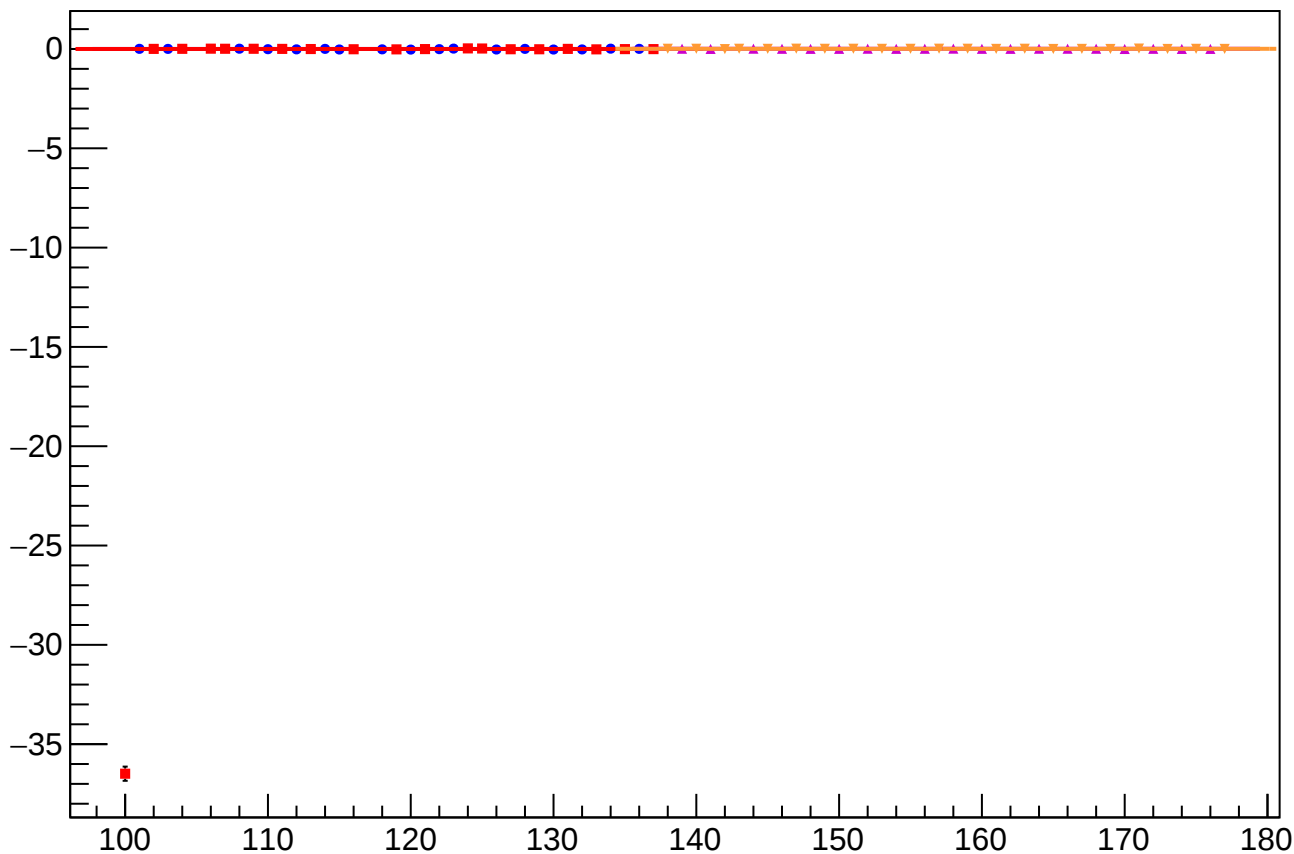
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.096 $\pm$ 0.023 χ^2 /NDF:44.6/35

Out: 0.086 $\pm$ 0.023 χ^2 /NDF:40.1/39

All: 0.091 $\pm$ 0.016 χ^2 /NDF: 84.7/75

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: 0.010 $\pm$ 0.001 χ^2 /NDF:12.6/18

Left: 0.009 $\pm$ 0.001 χ^2 /NDF: 32.7/39

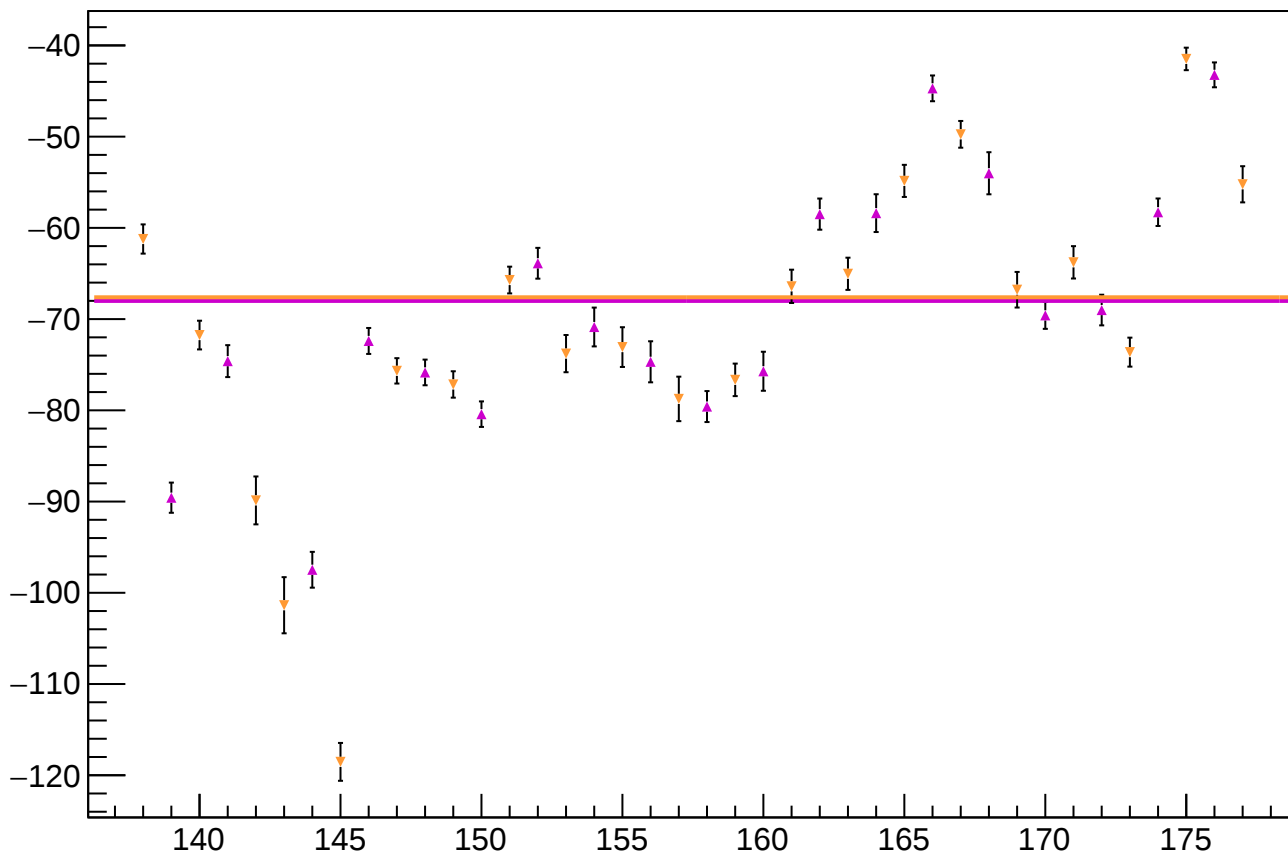
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF:56.4/35

Out: 0.007 $\pm$ 0.001 χ^2 /NDF:10479.8/39

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10536.3/75

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -67.610+/-0.379 χ^2/NDF :1668.9/20

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

Left In: -68.005+/-0.382 χ^2/NDF :1339.8/18

Left: -67.806+/-0.269 χ^2/NDF : 3009.2/39

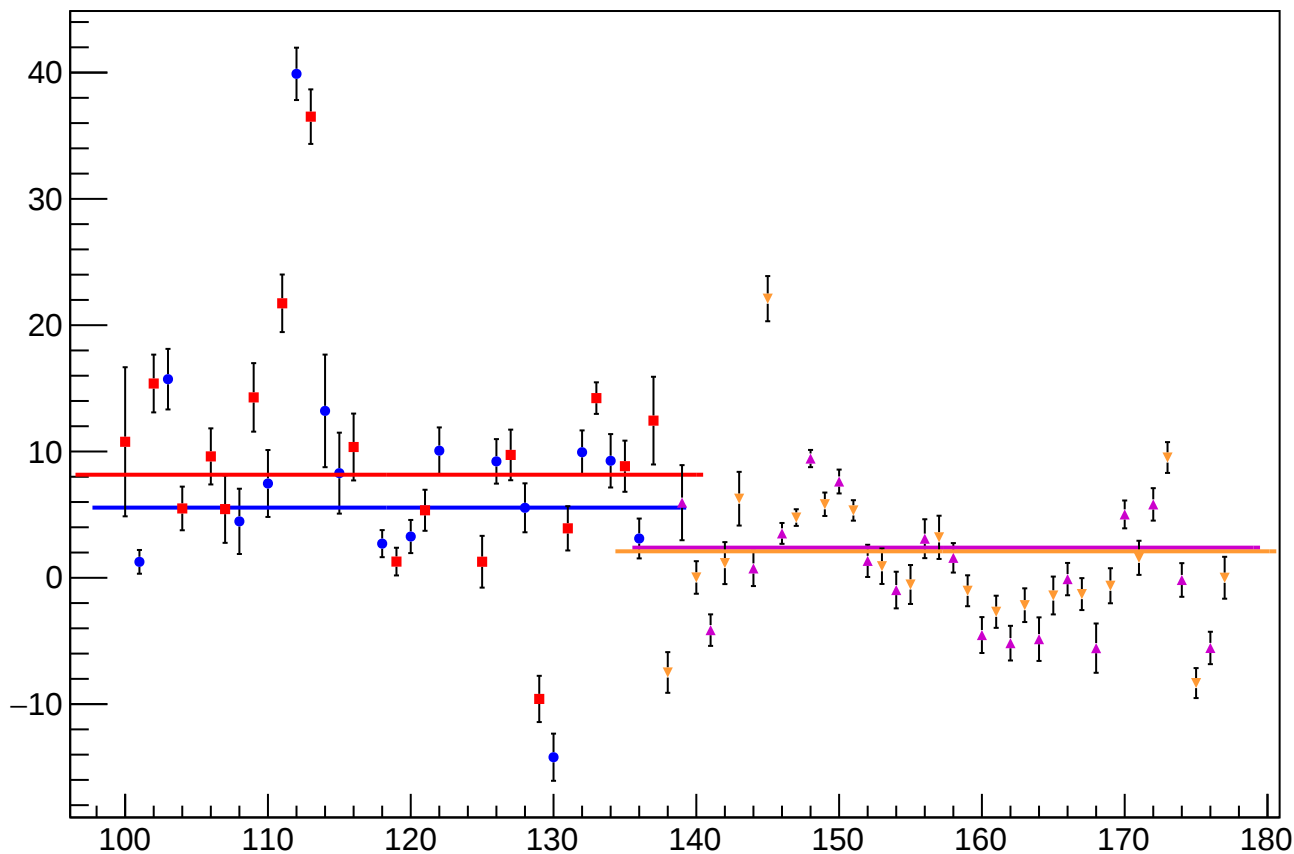
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -68.005+/-0.382 χ^2/NDF :1339.8/18

Out: -67.610+/-0.379 χ^2/NDF :1668.9/20

All: -67.806+/-0.269 χ^2/NDF : 3009.2/39

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: 2.388 ± 0.276 $\chi^2/\text{NDF}: 323.5/18$

Left: 2.238 ± 0.193 $\chi^2/\text{NDF}: 707.3/39$

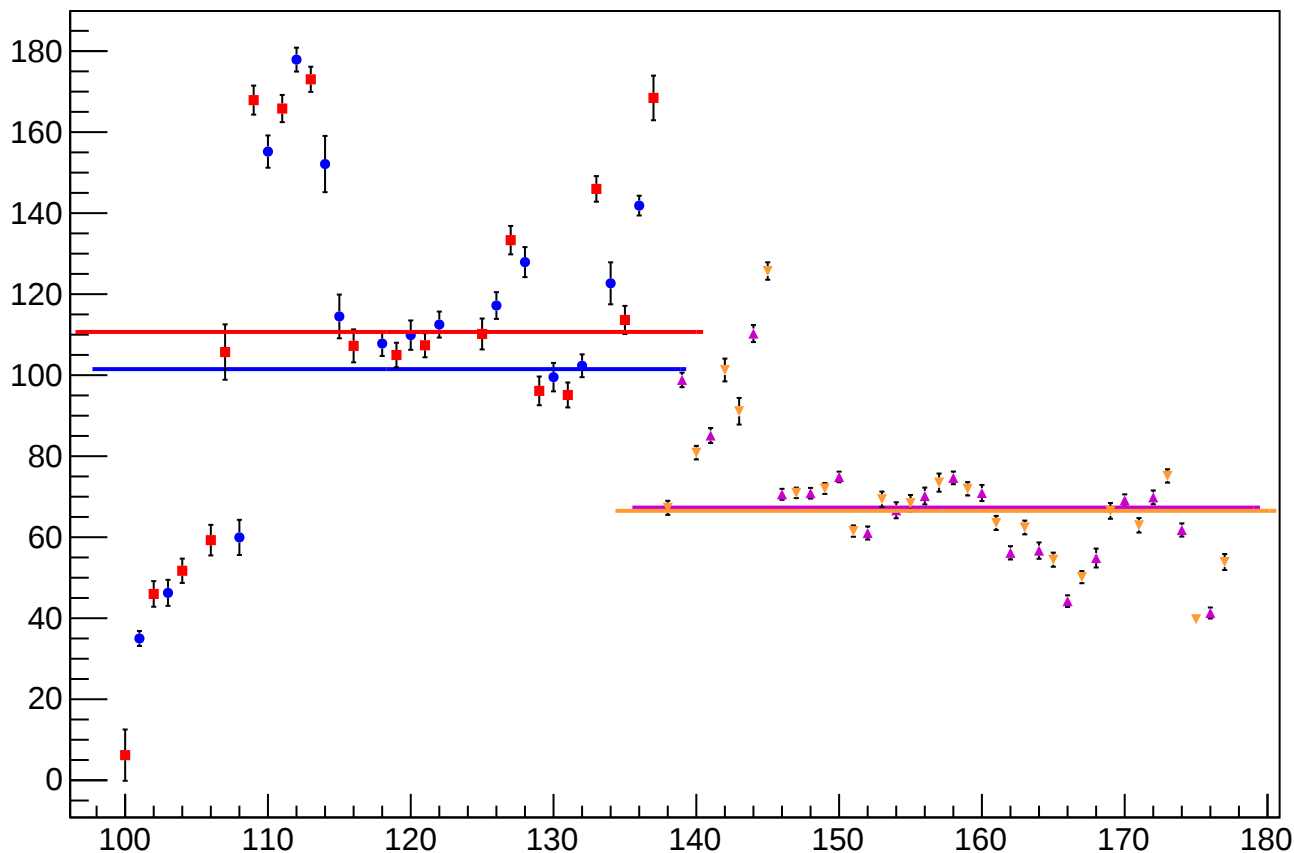
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 3.333 ± 0.232 $\chi^2/\text{NDF}: 824.7/34$

Out: 3.674 ± 0.231 $\chi^2/\text{NDF}: 922.8/38$

All: 3.504 ± 0.164 $\chi^2/\text{NDF}: 1748.6/73$

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: 67.315 $\pm$ 0.376 χ^2 /NDF:1654.8/18

Left: 66.911 $\pm$ 0.265 χ^2 /NDF: 3480.2/39

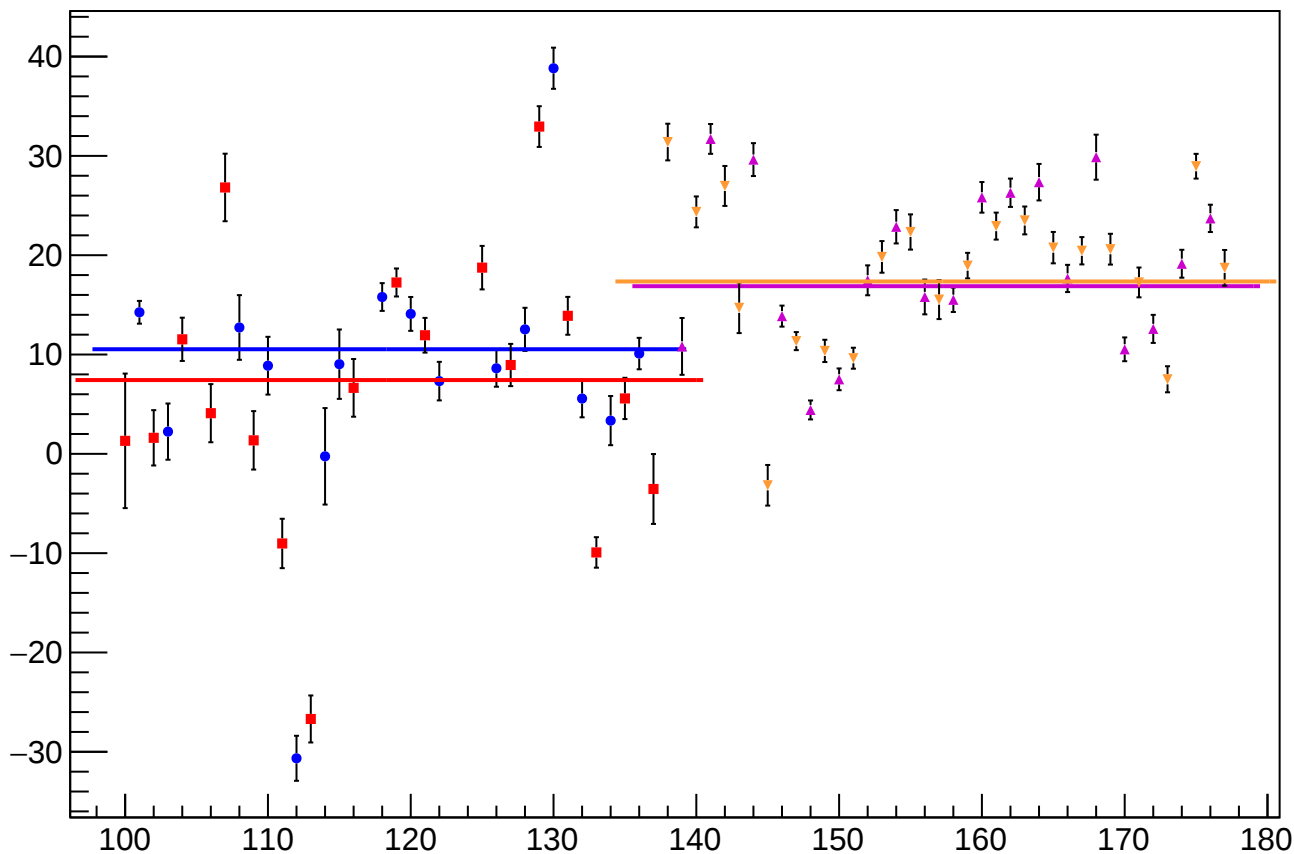
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 73.409 $\pm$ 0.341 χ^2 /NDF:6097.3/34

Out: 73.866 $\pm$ 0.341 χ^2 /NDF:6663.0/38

All: 73.638 $\pm$ 0.241 χ^2 /NDF: 12761.2/73

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: 16.880 $\pm$ 0.321 χ^2 /NDF: 635.2/18

Left: 17.124 $\pm$ 0.224 χ^2 /NDF: 1181.6/39

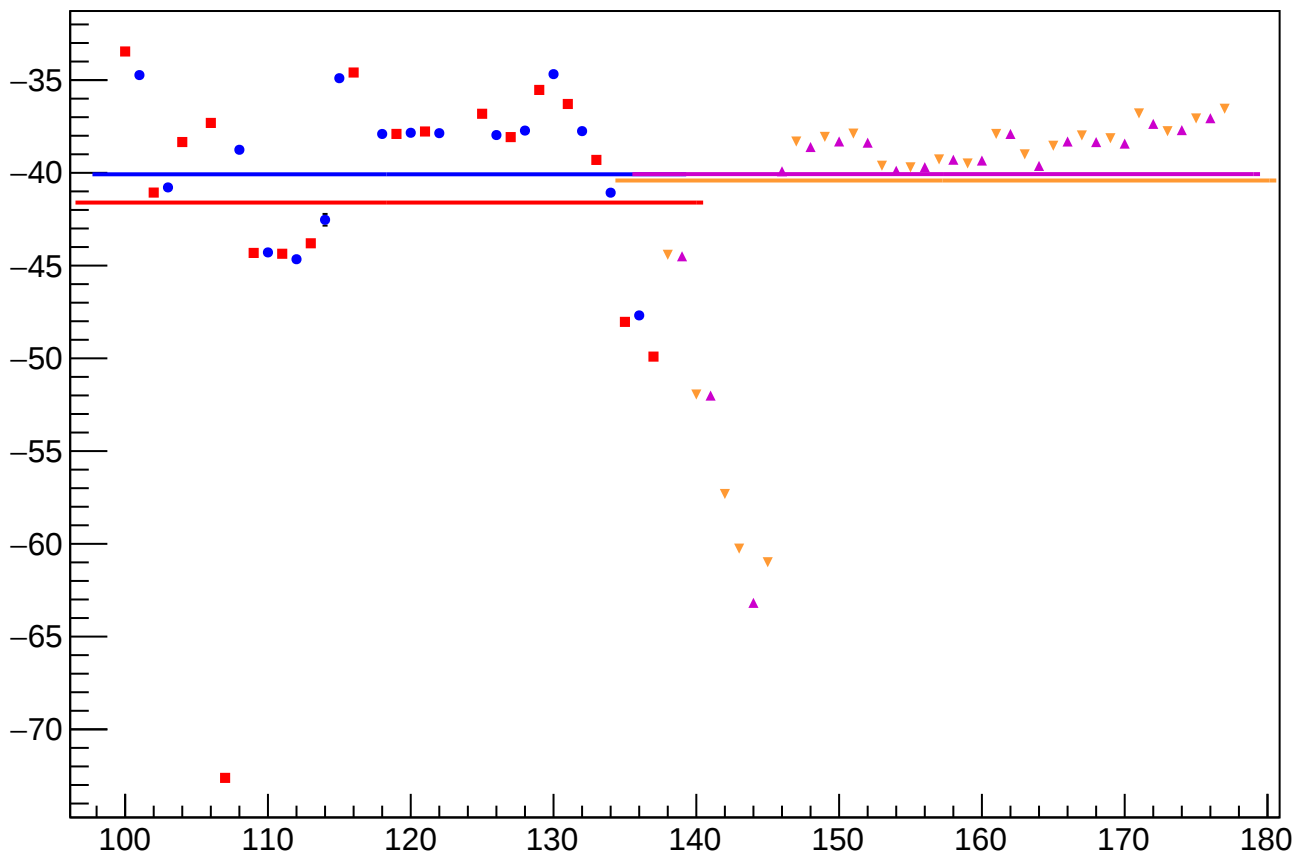
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 14.989 $\pm$ 0.269 χ^2 /NDF: 1332.0/34

Out: 14.741 $\pm$ 0.269 χ^2 /NDF: 1496.0/38

All: 14.865 $\pm$ 0.190 χ^2 /NDF: 2828.4/73

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079+/-0.028 χ^2/NDF : 25147.0/15

Left Out: -40.413+/-0.015 χ^2/NDF :152583.5/20

Right Out: -41.602+/-0.029 χ^2/NDF : 61856.4/17

Left In: -40.069+/-0.015 χ^2/NDF :104910.1/18

Left: -40.240+/-0.011 χ^2/NDF : 257758.8/39

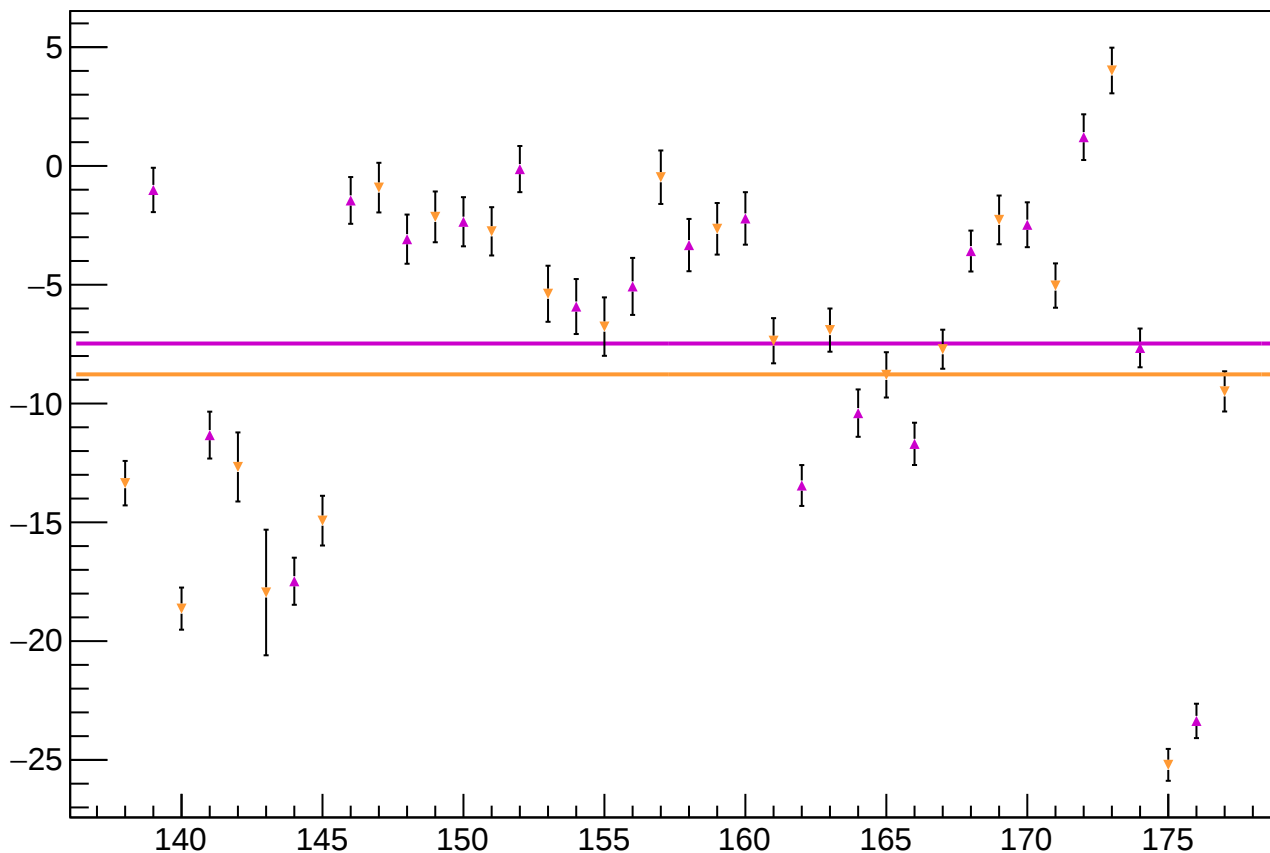
Right: -40.831+/-0.020 χ^2/NDF : 88443.2/33

In: -40.071+/-0.013 χ^2/NDF :130057.1/34

Out: -40.669+/-0.013 χ^2/NDF :215800.3/38

All: -40.368+/-0.009 χ^2/NDF : 346881.0/73

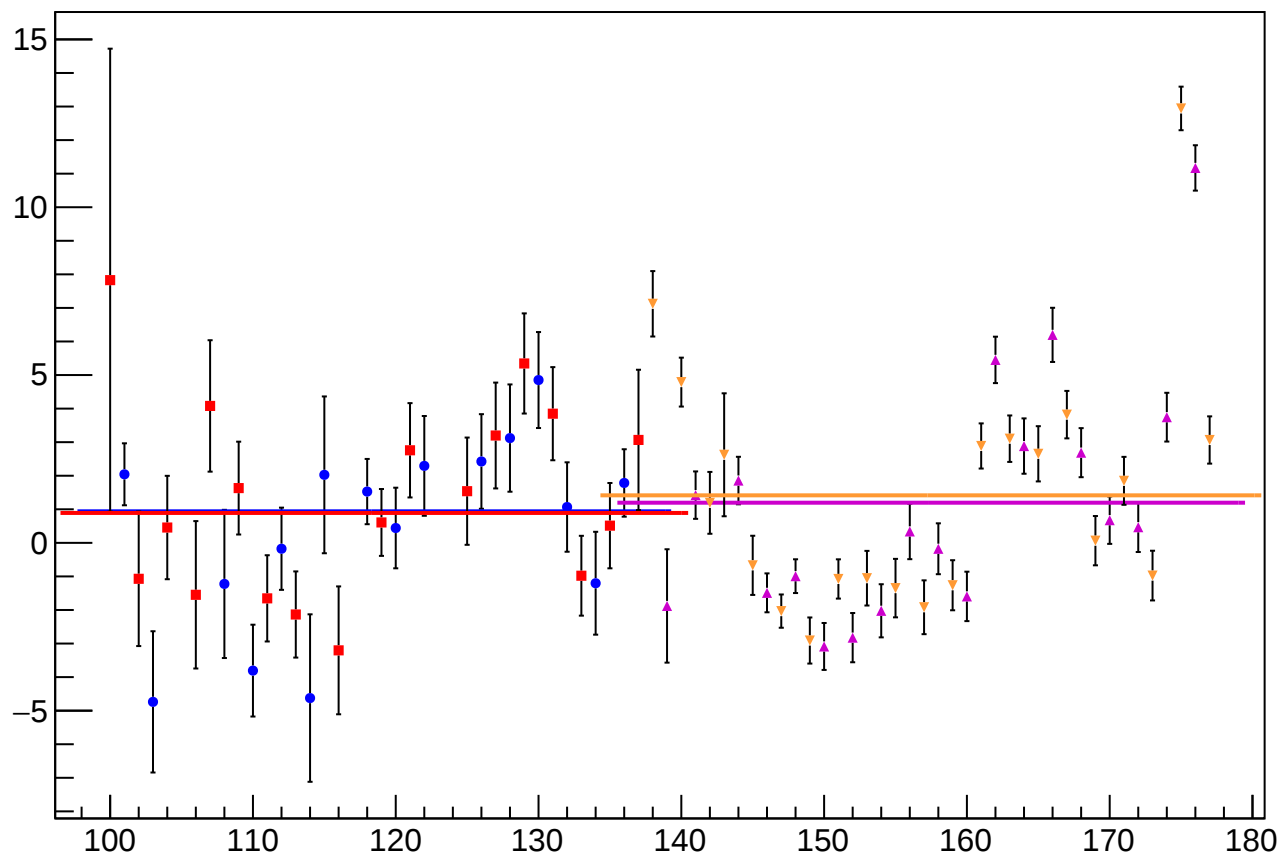
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -7.474 $\pm$ 0.219 χ^2/NDF :1036.5/18

Left: -8.132 $\pm$ 0.154 χ^2/NDF : 2324.9/39
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -7.474 $\pm$ 0.219 χ^2/NDF :1036.5/18
 Out: -8.773 $\pm$ 0.216 χ^2/NDF :1270.6/20
 All: -8.132 $\pm$ 0.154 χ^2/NDF : 2324.9/39

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 1.416 ± 0.161 $\chi^2/\text{NDF}: 577.2/20$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 1.196 ± 0.165 $\chi^2/\text{NDF}: 463.6/18$

Left: 1.309 ± 0.115 $\chi^2/\text{NDF}: 1041.7/39$

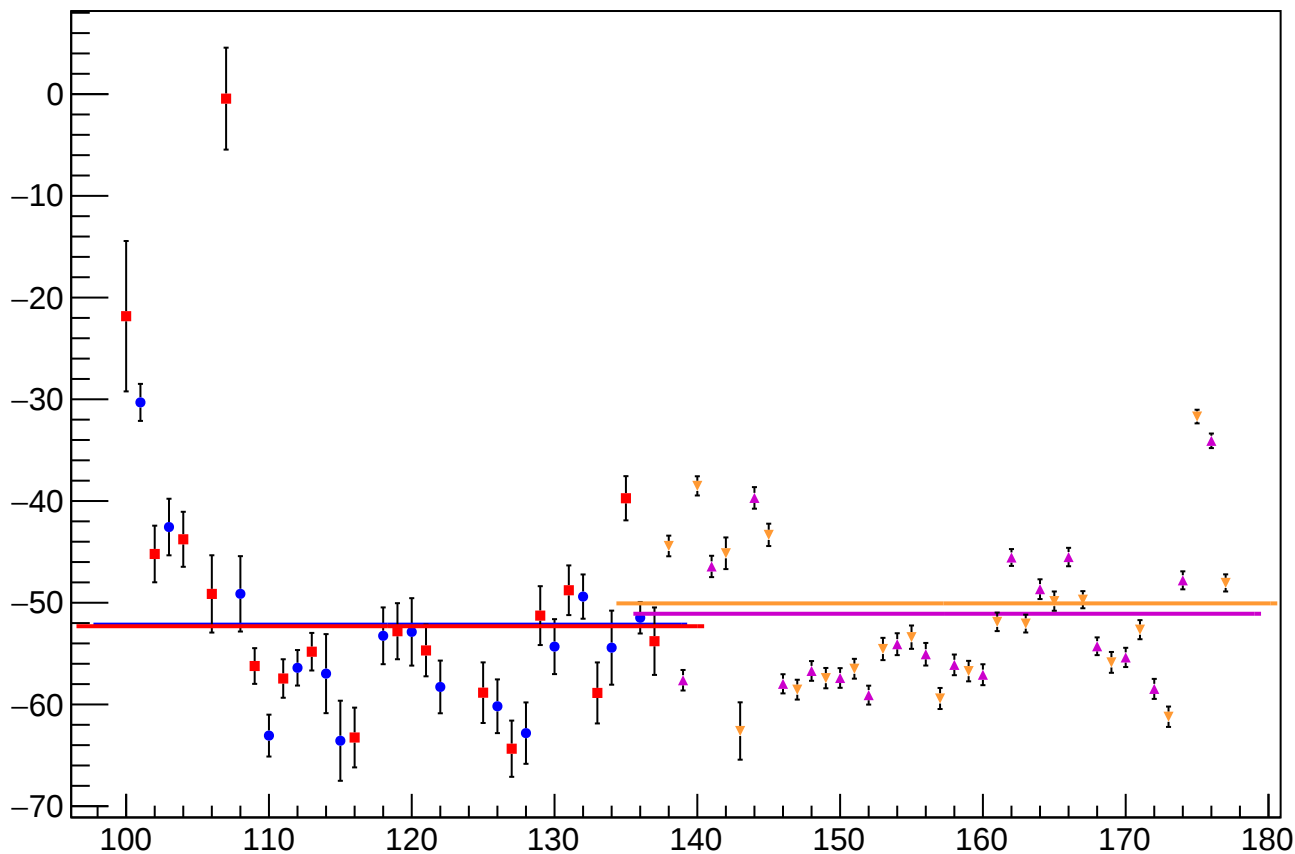
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 1.147 ± 0.148 $\chi^2/\text{NDF}: 506.2/34$

Out: 1.326 ± 0.146 $\chi^2/\text{NDF}: 620.6/38$

All: 1.238 ± 0.104 $\chi^2/\text{NDF}: 1127.6/73$

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: -51.083 ± 0.217 χ^2/NDF : 1215.7/18

Left: -50.566 ± 0.152 χ^2/NDF : 2727.1/39

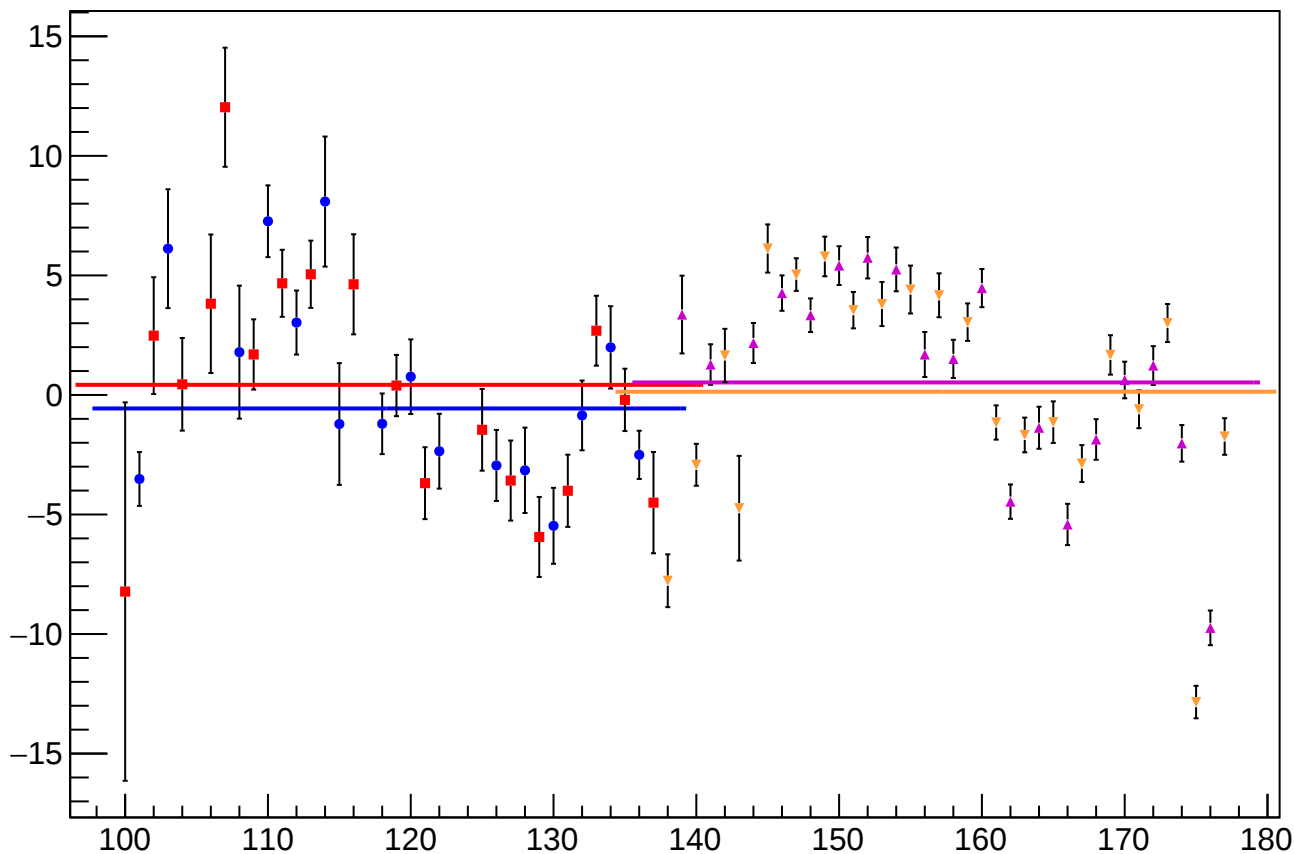
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -51.203 ± 0.205 χ^2/NDF : 1449.5/34

Out: -50.306 ± 0.202 χ^2/NDF : 1746.8/38

All: -50.749 ± 0.144 χ^2/NDF : 3206.1/73

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: 0.523 ± 0.189 $\chi^2/\text{NDF}: 496.5/18$

Left: 0.324 ± 0.131 $\chi^2/\text{NDF}: 1204.6/39$

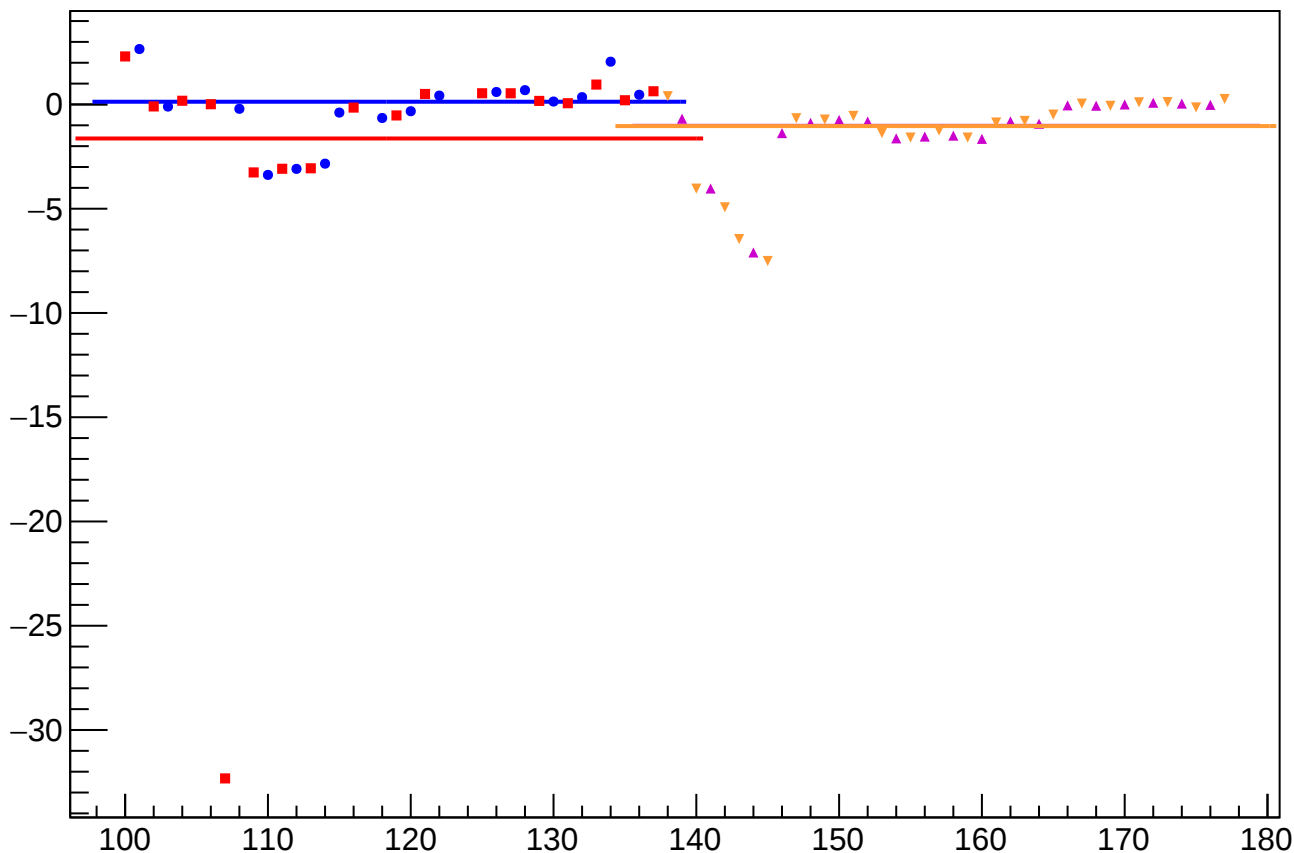
Right: -0.090 ± 0.277 $\chi^2/\text{NDF}: 180.3/33$

In: 0.312 ± 0.169 $\chi^2/\text{NDF}: 584.8/34$

Out: 0.186 ± 0.167 $\chi^2/\text{NDF}: 801.7/38$

All: 0.248 ± 0.119 $\chi^2/\text{NDF}: 1386.7/73$

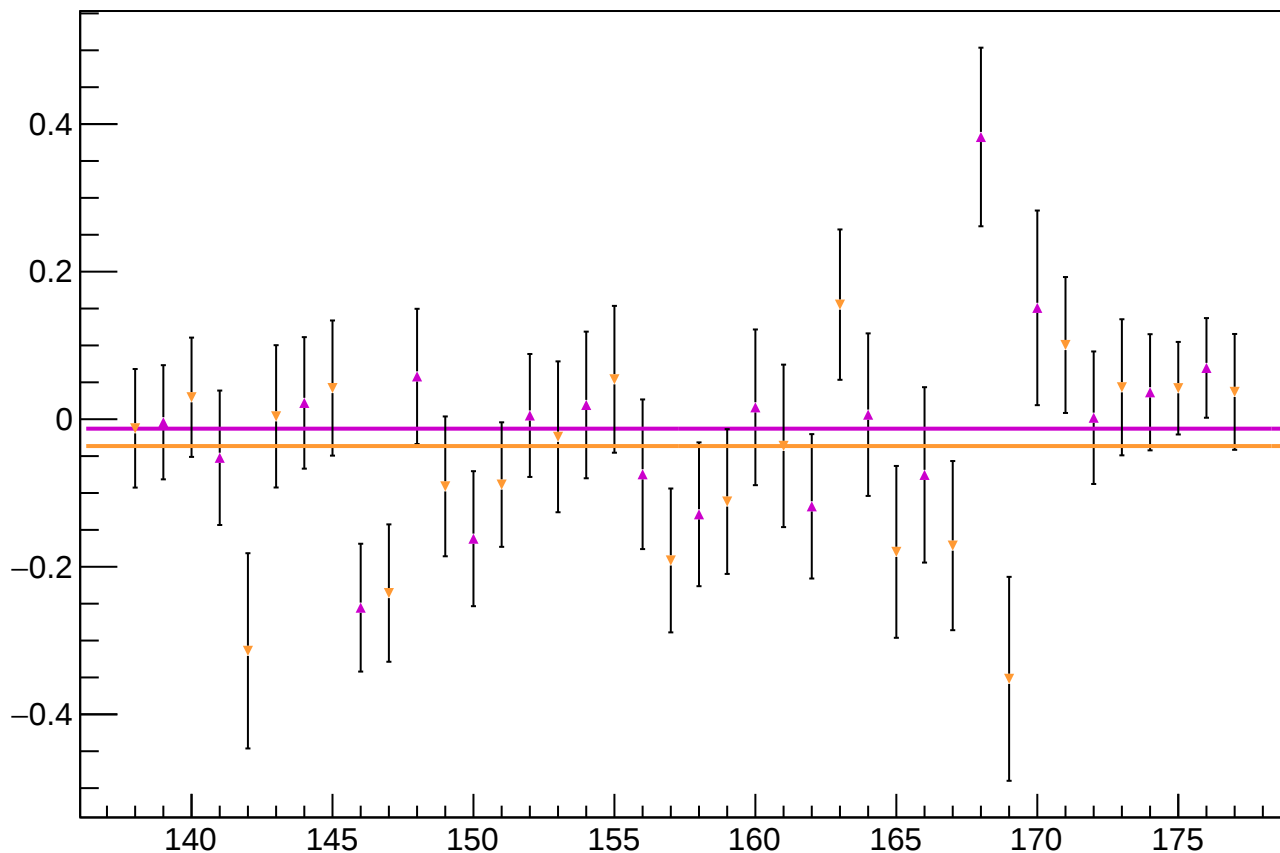
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -1.026 ± 0.008 $\chi^2/\text{NDF}: 28958.2/18$

Left: -1.031 ± 0.006 $\chi^2/\text{NDF}: 71519.2/39$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -0.870 ± 0.008 $\chi^2/\text{NDF}: 36689.3/34$
 Out: -1.114 ± 0.008 $\chi^2/\text{NDF}: 121082.5/38$
 All: -0.992 ± 0.006 $\chi^2/\text{NDF}: 158251.8/73$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.036+/-0.020 χ^2/NDF : 32.4/20

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

Left In: -0.013+/-0.021 χ^2/NDF : 29.0/18

Left: -0.025+/-0.015 χ^2/NDF : 62.1/39

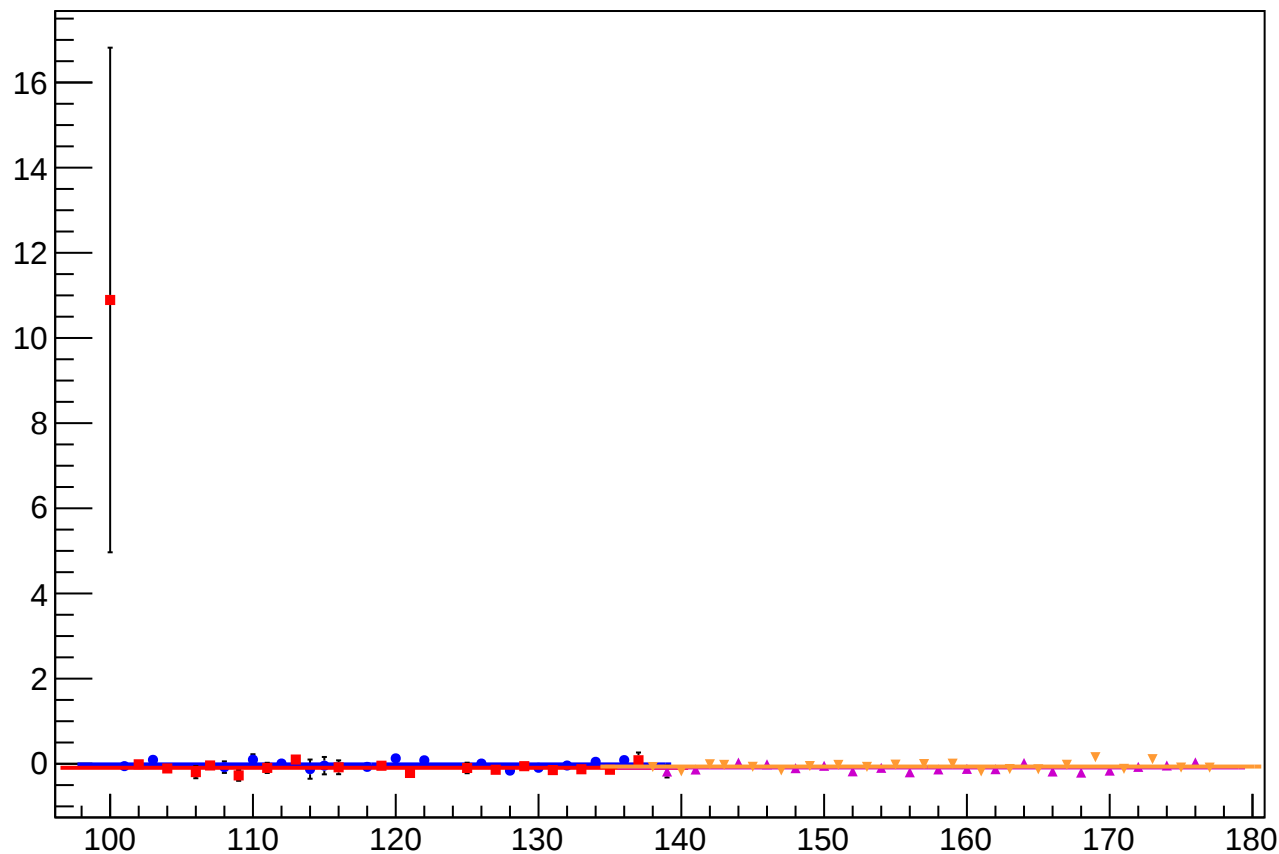
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.013+/-0.021 χ^2/NDF : 29.0/18

Out: -0.036+/-0.020 χ^2/NDF : 32.4/20

All: -0.025+/-0.015 χ^2/NDF : 62.1/39

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: -0.086 ± 0.016 χ^2/NDF : 20.6/18

Left: -0.075 ± 0.011 χ^2/NDF : 47.1/39

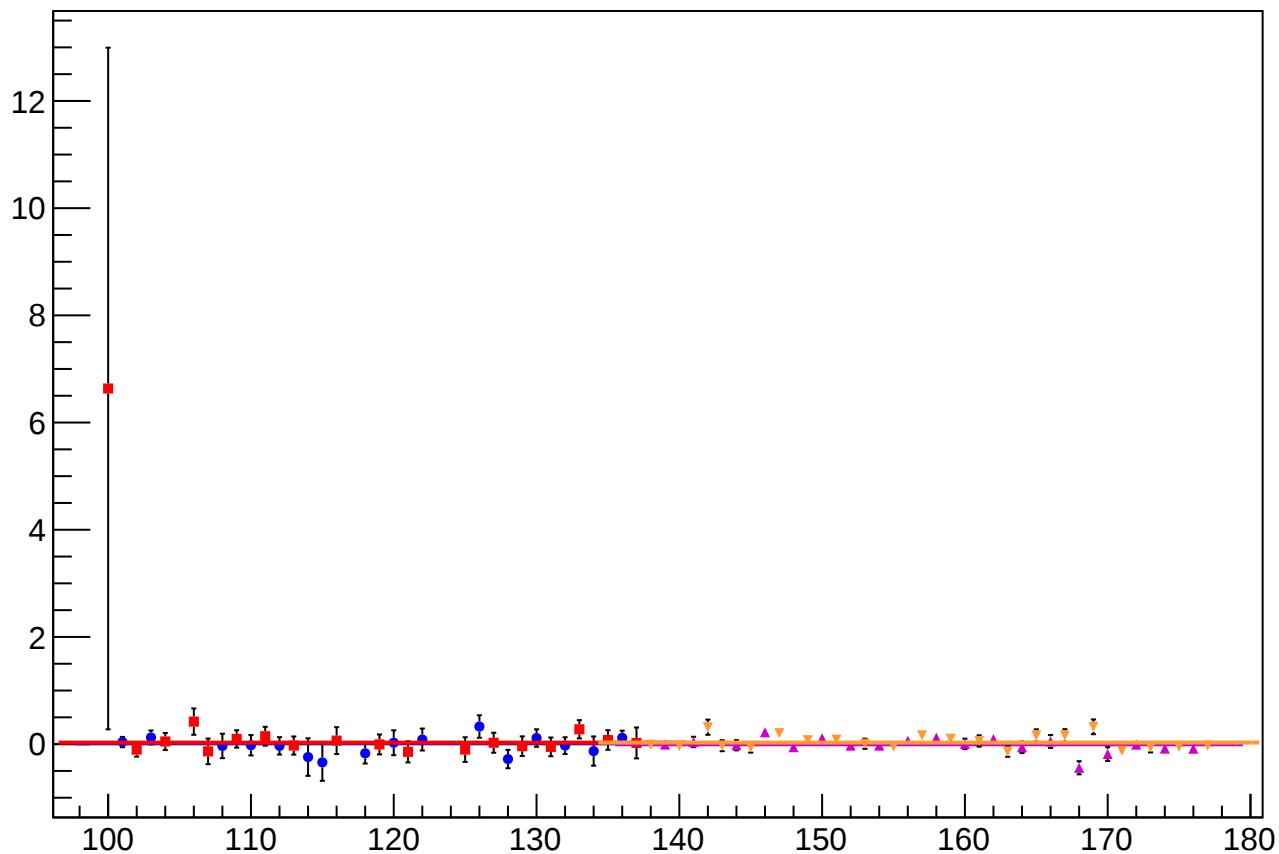
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.063 ± 0.013 χ^2/NDF : 39.6/34

Out: -0.072 ± 0.013 χ^2/NDF : 40.2/38

All: -0.068 ± 0.009 χ^2/NDF : 80.0/73

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: -0.003 $\pm$ 0.021 χ^2 /NDF:30.7/18

Left: 0.014 $\pm$ 0.015 χ^2 /NDF: 62.0/39

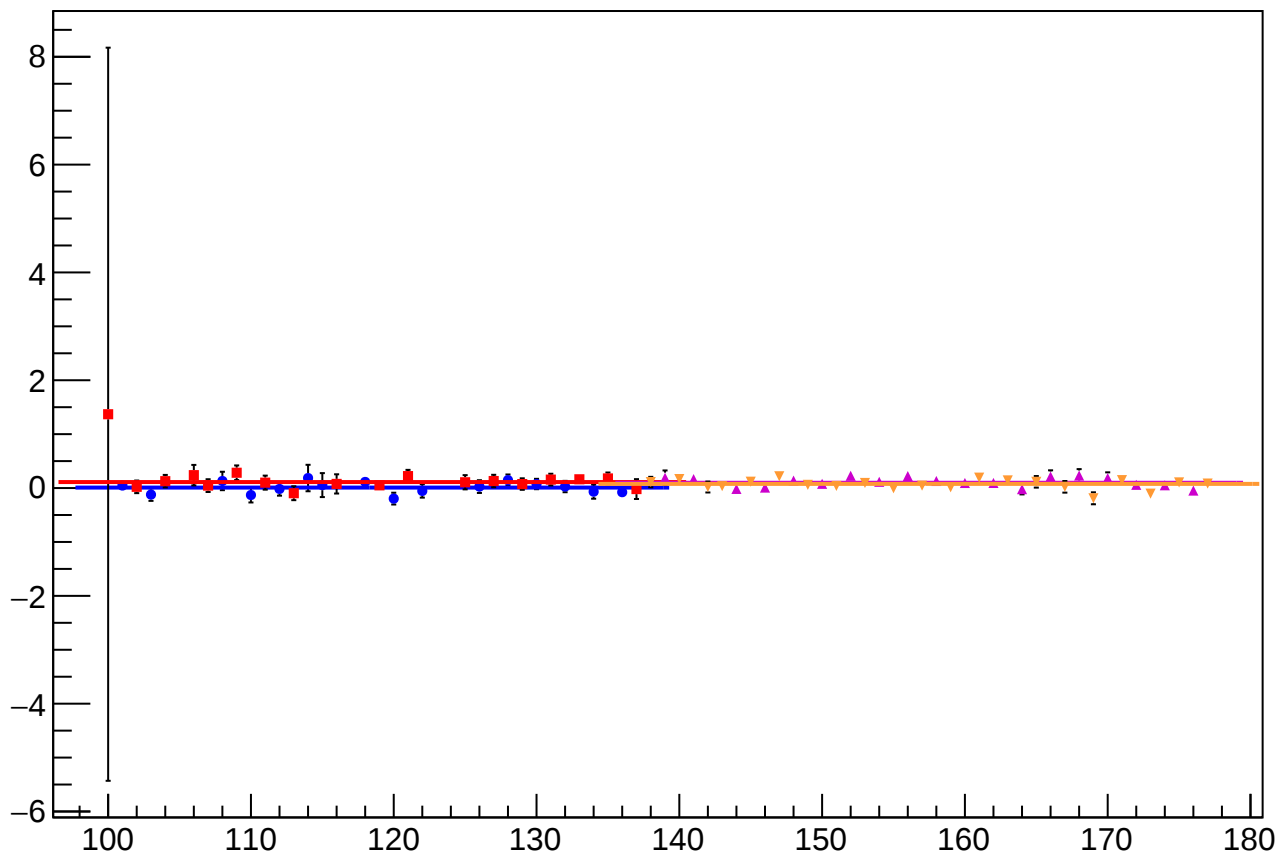
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: 0.000 $\pm$ 0.019 χ^2 /NDF:40.9/34

Out: 0.029 $\pm$ 0.018 χ^2 /NDF:39.6/38

All: 0.015 $\pm$ 0.013 χ^2 /NDF: 81.7/73

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: 0.098 $\pm$ 0.018 χ^2 /NDF: 21.3/18

Left: 0.087 $\pm$ 0.013 χ^2 /NDF: 47.3/39

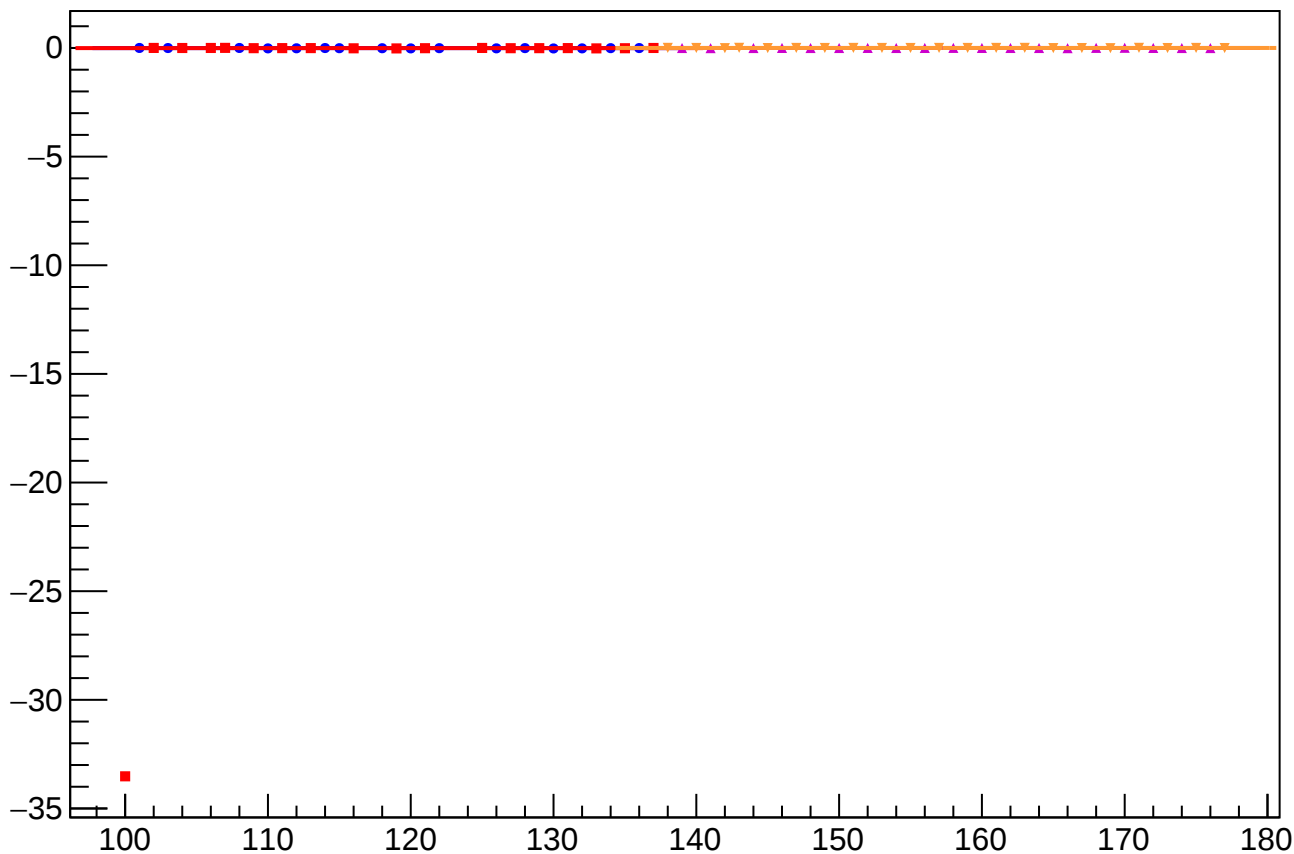
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.070 $\pm$ 0.015 χ^2 /NDF: 41.4/34

Out: 0.086 $\pm$ 0.015 χ^2 /NDF: 35.0/38

All: 0.078 $\pm$ 0.011 χ^2 /NDF: 77.0/73

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:22.5/20

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:17.3/18

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 40.5/39

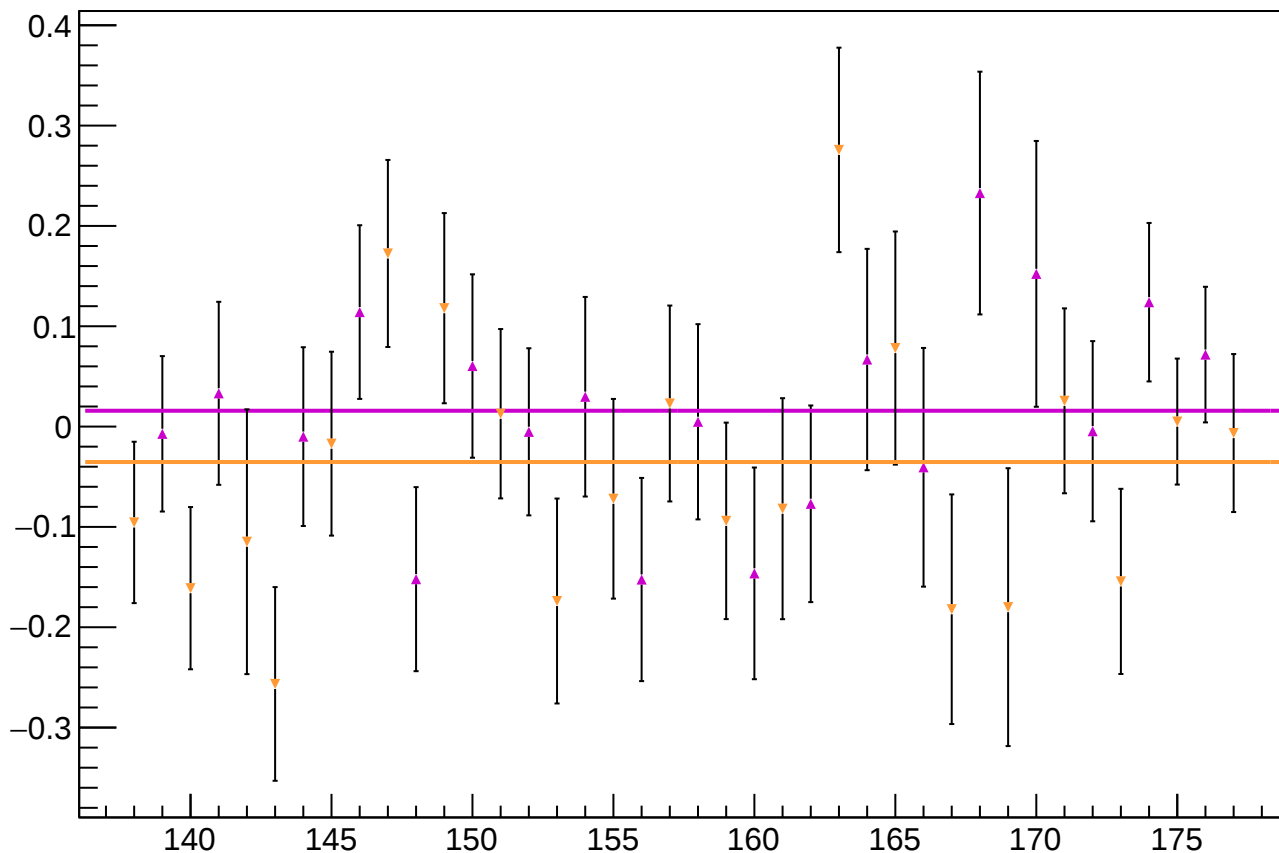
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.001 $\pm$ 0.001 χ^2 /NDF:50.7/34

Out: -0.001 $\pm$ 0.001 χ^2 /NDF:26548.5/38

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 26599.6/73

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -0.035 ± 0.020 $\chi^2/\text{NDF}: 35.1/20$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.016 ± 0.021 $\chi^2/\text{NDF}: 18.5/18$

Left: -0.011 ± 0.015 $\chi^2/\text{NDF}: 56.6/39$

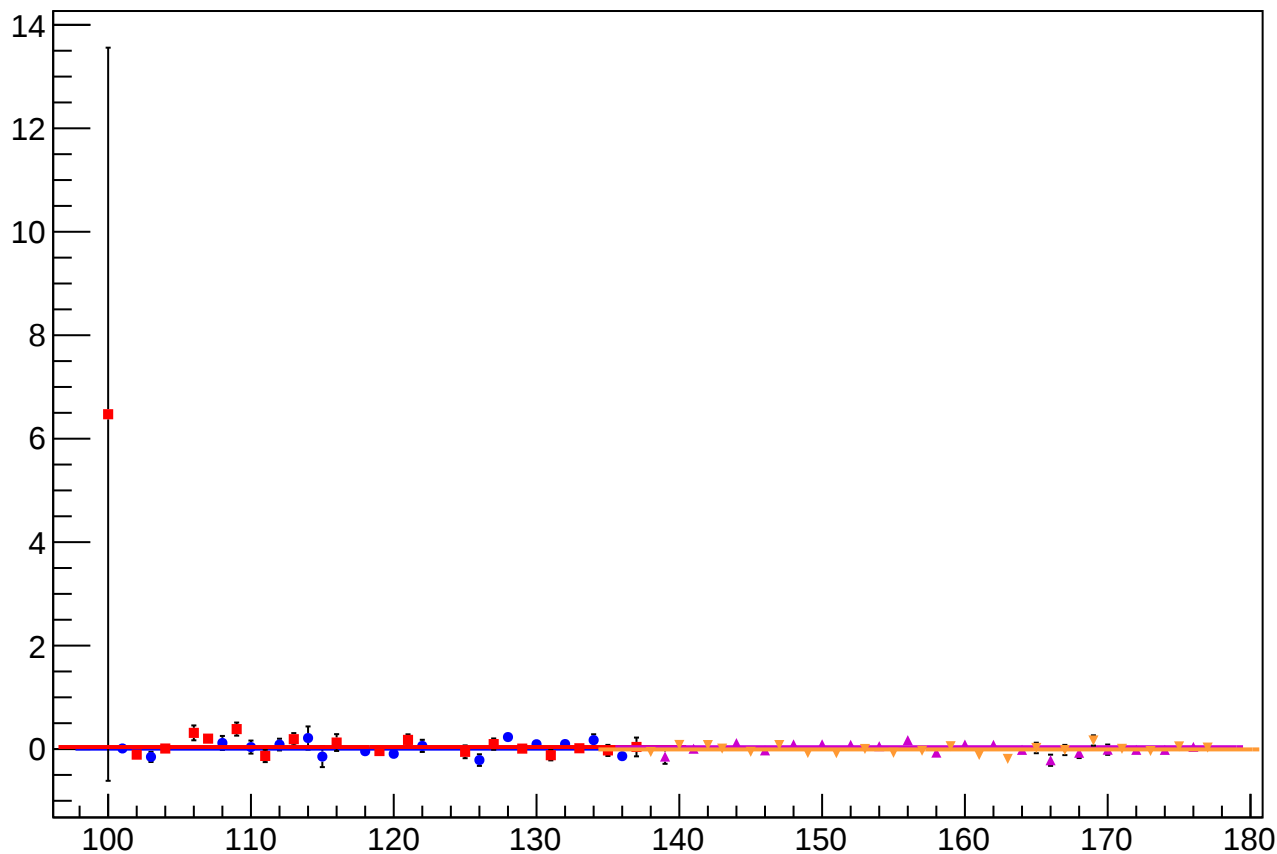
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 0.016 ± 0.021 $\chi^2/\text{NDF}: 18.5/18$

Out: -0.035 ± 0.020 $\chi^2/\text{NDF}: 35.1/20$

All: -0.011 ± 0.015 $\chi^2/\text{NDF}: 56.6/39$

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: 0.036 $\pm$ 0.016 χ^2 /NDF:23.1/18

Left: 0.013 $\pm$ 0.011 χ^2 /NDF: 51.4/39

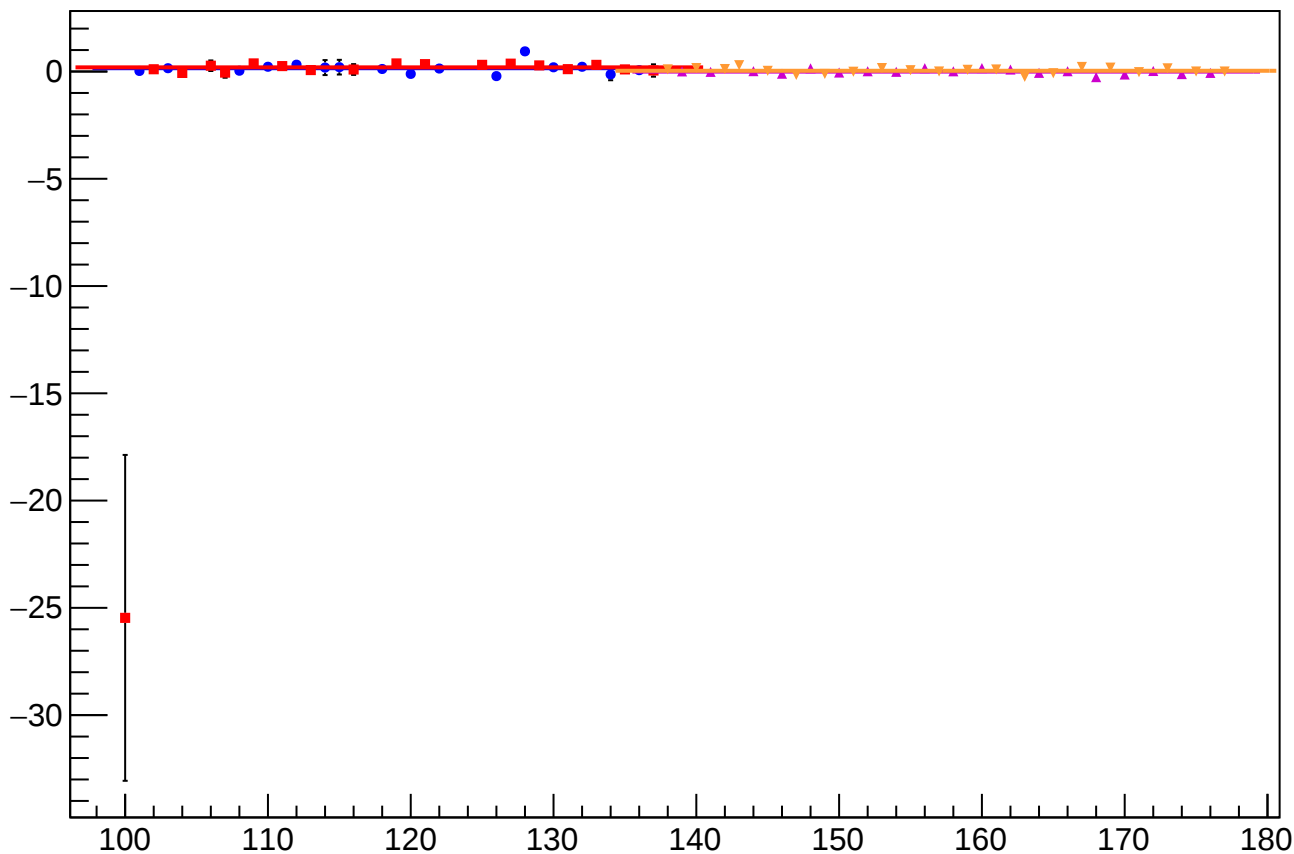
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.027 $\pm$ 0.013 χ^2 /NDF:47.7/34

Out: 0.006 $\pm$ 0.013 χ^2 /NDF:55.5/38

All: 0.016 $\pm$ 0.009 χ^2 /NDF: 104.6/73

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.043 χ^2/NDF : 30.5/15

Left Out: 0.034+/-0.020 χ^2/NDF : 35.2/20

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: -0.005+/-0.021 χ^2/NDF : 20.2/18

Left: 0.015+/-0.015 χ^2/NDF : 57.3/39

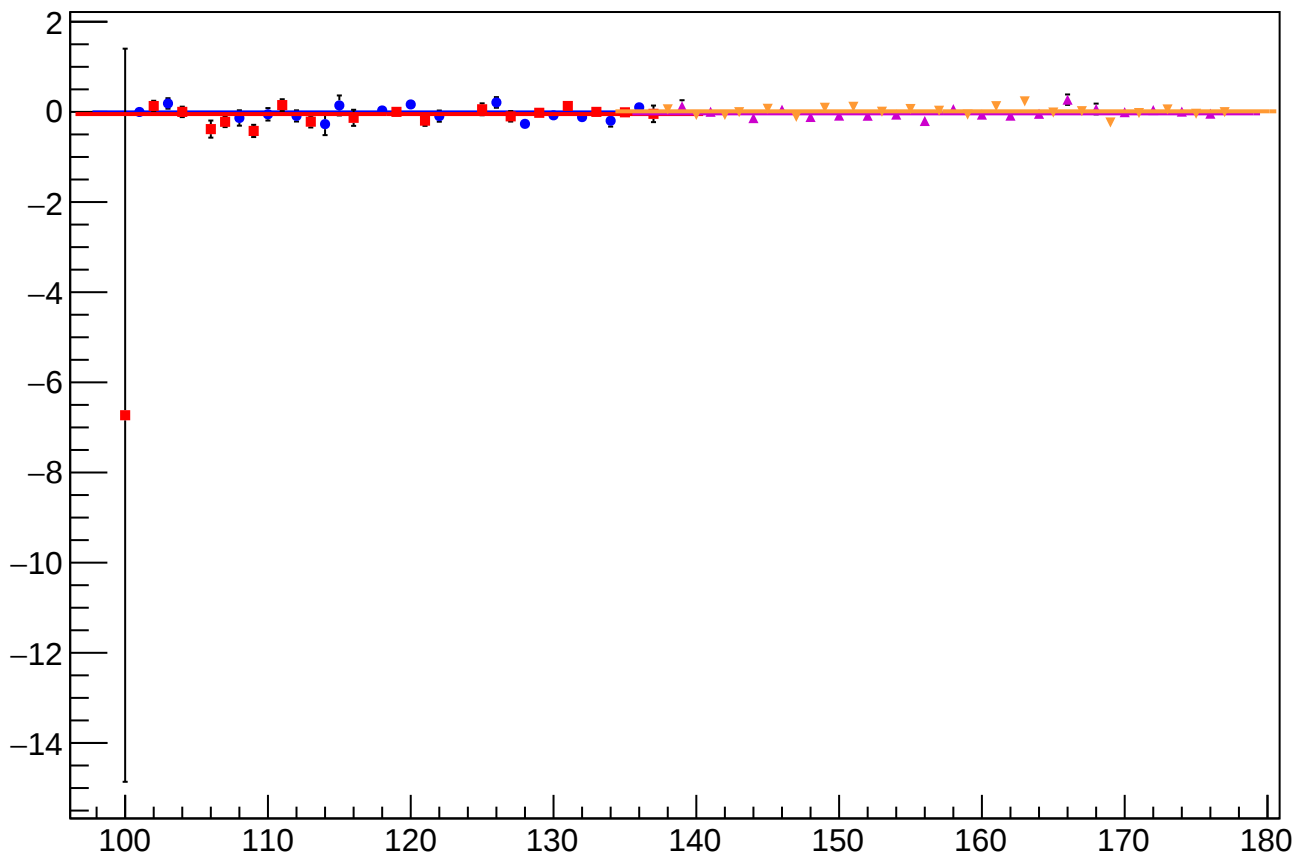
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.026+/-0.019 χ^2/NDF : 61.8/34

Out: 0.061+/-0.018 χ^2/NDF : 67.6/38

All: 0.044+/-0.013 χ^2/NDF : 131.2/73

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.013 ± 0.017 χ^2/NDF : 27.2/20

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.032 ± 0.018 χ^2/NDF : 23.5/18

Left: -0.009 ± 0.013 χ^2/NDF : 53.9/39

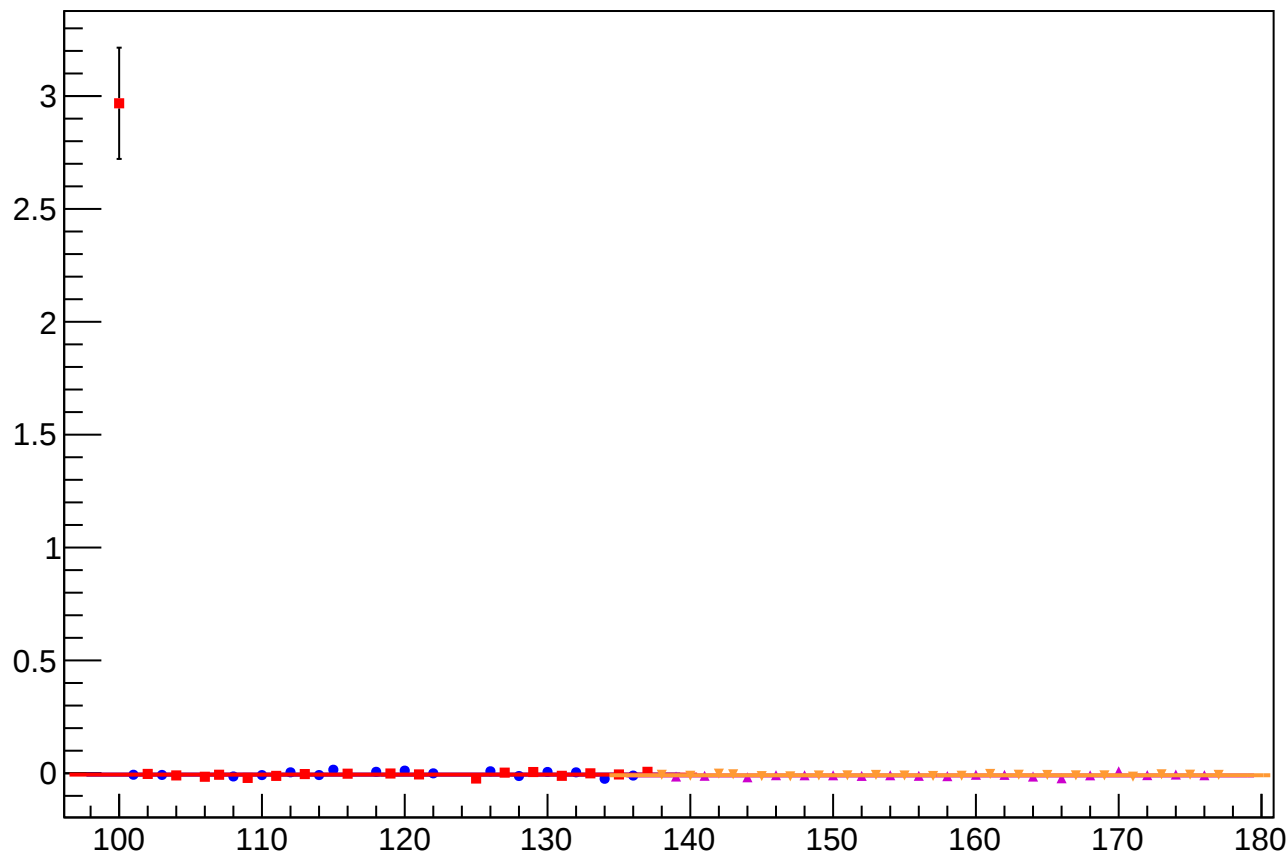
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.026 ± 0.015 χ^2/NDF : 47.3/34

Out: -0.003 ± 0.015 χ^2/NDF : 56.8/38

All: -0.014 ± 0.011 χ^2/NDF : 105.2/73

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: -0.010 ± 0.001 χ^2/NDF : 32.3/18

Left: -0.009 ± 0.001 χ^2/NDF : 49.6/39

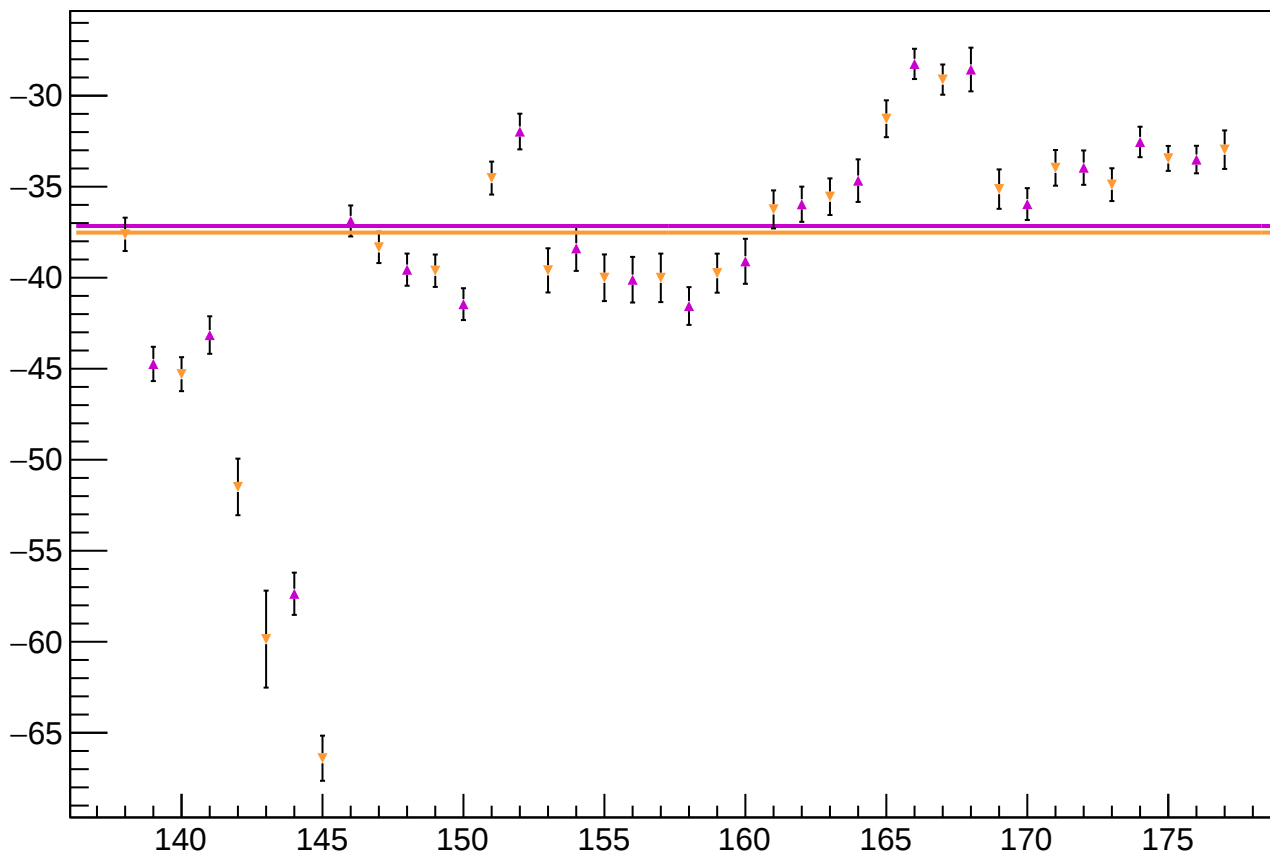
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 66.2/34

Out: -0.008 ± 0.001 χ^2/NDF : 184.8/38

All: -0.008 ± 0.000 χ^2/NDF : 251.6/73

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -37.521+/-0.220 χ^2/NDF :1021.7/20

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

Left In: -37.159+/-0.222 χ^2/NDF :727.5/18

Left: -37.342+/-0.157 χ^2/NDF : 1750.5/39

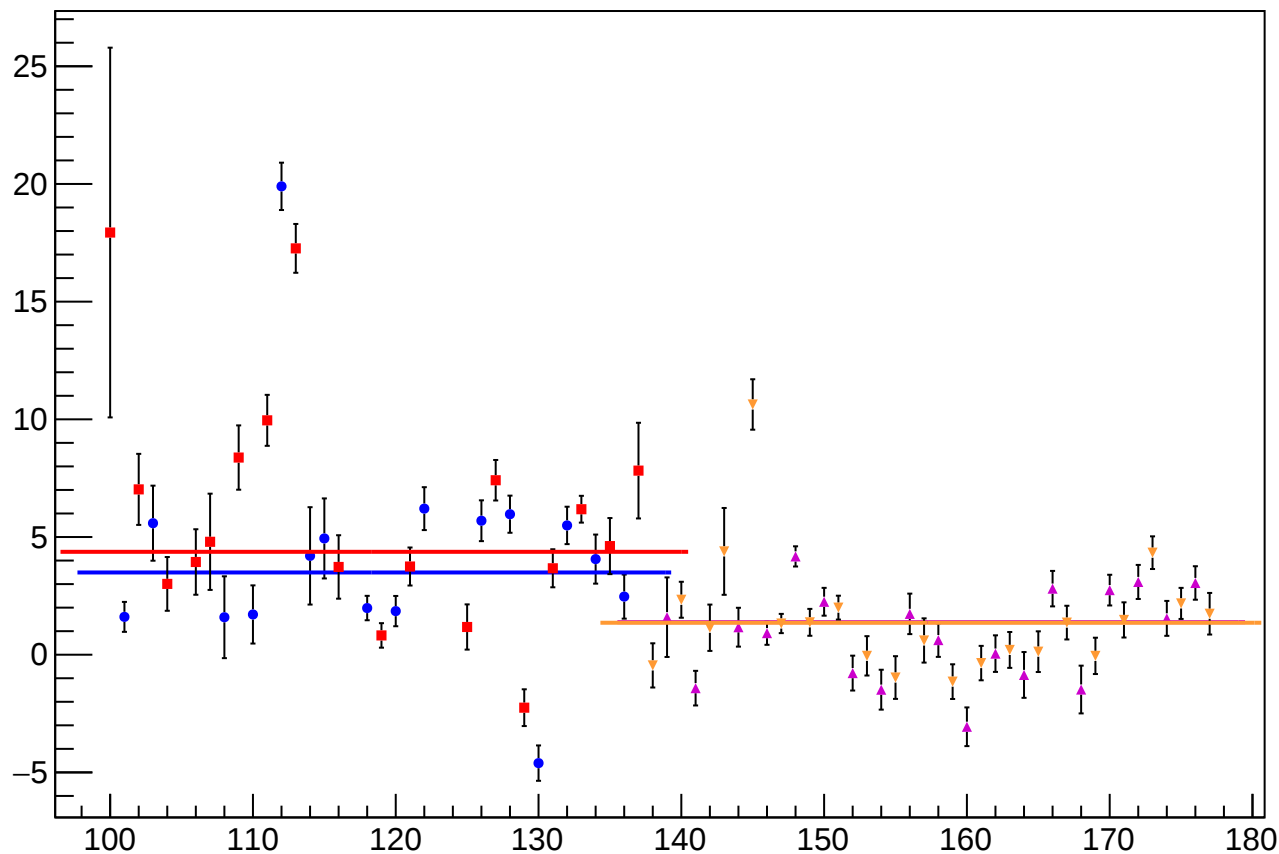
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.159+/-0.222 χ^2/NDF :727.5/18

Out: -37.521+/-0.220 χ^2/NDF :1021.7/20

All: -37.342+/-0.157 χ^2/NDF : 1750.5/39

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: 1.383 $\pm$ 0.163 χ^2 /NDF:145.8/18

Left: 1.370 $\pm$ 0.114 χ^2 /NDF: 285.3/39

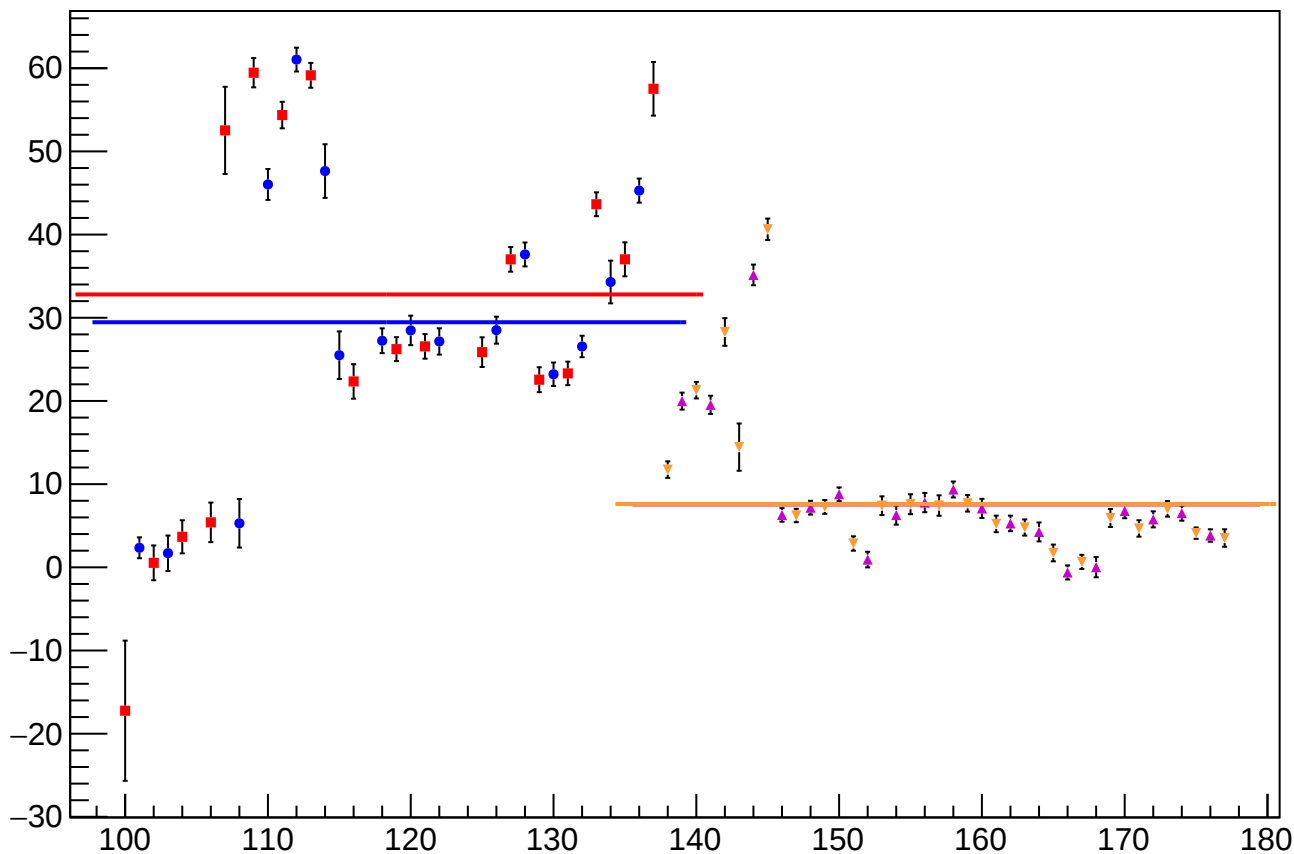
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.143 $\pm$ 0.131 χ^2 /NDF:650.9/34

Out: 2.359 $\pm$ 0.130 χ^2 /NDF:612.9/38

All: 2.252 $\pm$ 0.092 χ^2 /NDF: 1265.2/73

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 ± 0.418 $\chi^2/\text{NDF}: 1491.6/15$

Left Out: 7.612 ± 0.218 $\chi^2/\text{NDF}: 1228.5/20$

Right Out: 32.804 ± 0.423 $\chi^2/\text{NDF}: 1659.8/17$

Left In: 7.554 ± 0.220 $\chi^2/\text{NDF}: 998.3/18$

Left: 7.583 ± 0.155 $\chi^2/\text{NDF}: 2226.9/39$

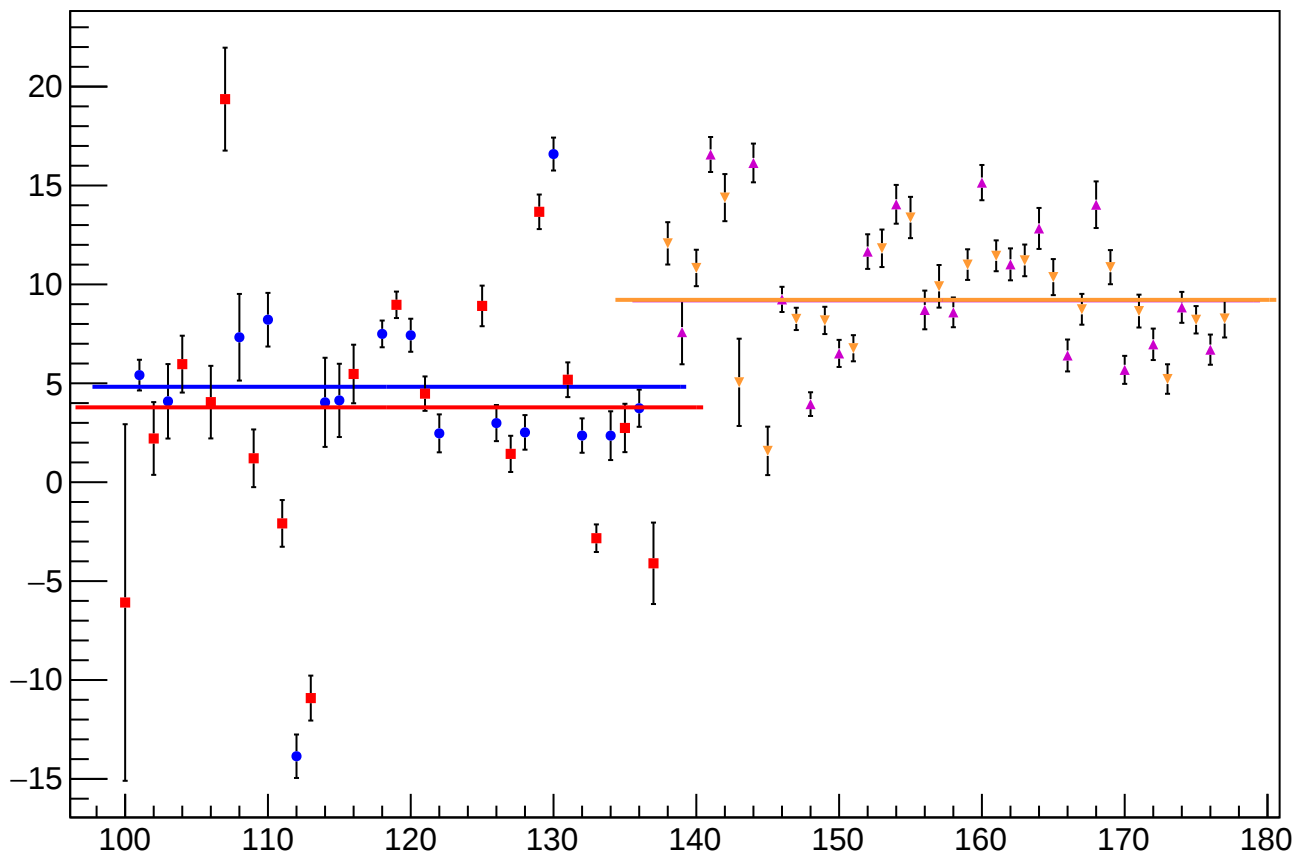
Right: 31.111 ± 0.297 $\chi^2/\text{NDF}: 3183.0/33$

In: 12.299 ± 0.194 $\chi^2/\text{NDF}: 4647.1/34$

Out: 12.888 ± 0.194 $\chi^2/\text{NDF}: 5692.7/38$

All: 12.594 ± 0.137 $\chi^2/\text{NDF}: 10344.4/73$

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.219 $\pm$ 0.184 χ^2 /NDF:171.8/20

Right Out: 3.784 $\pm$ 0.259 χ^2 /NDF: 564.8/17

Left In: 9.195 $\pm$ 0.188 χ^2 /NDF:380.1/18

Left: 9.207 $\pm$ 0.132 χ^2 /NDF: 551.9/39

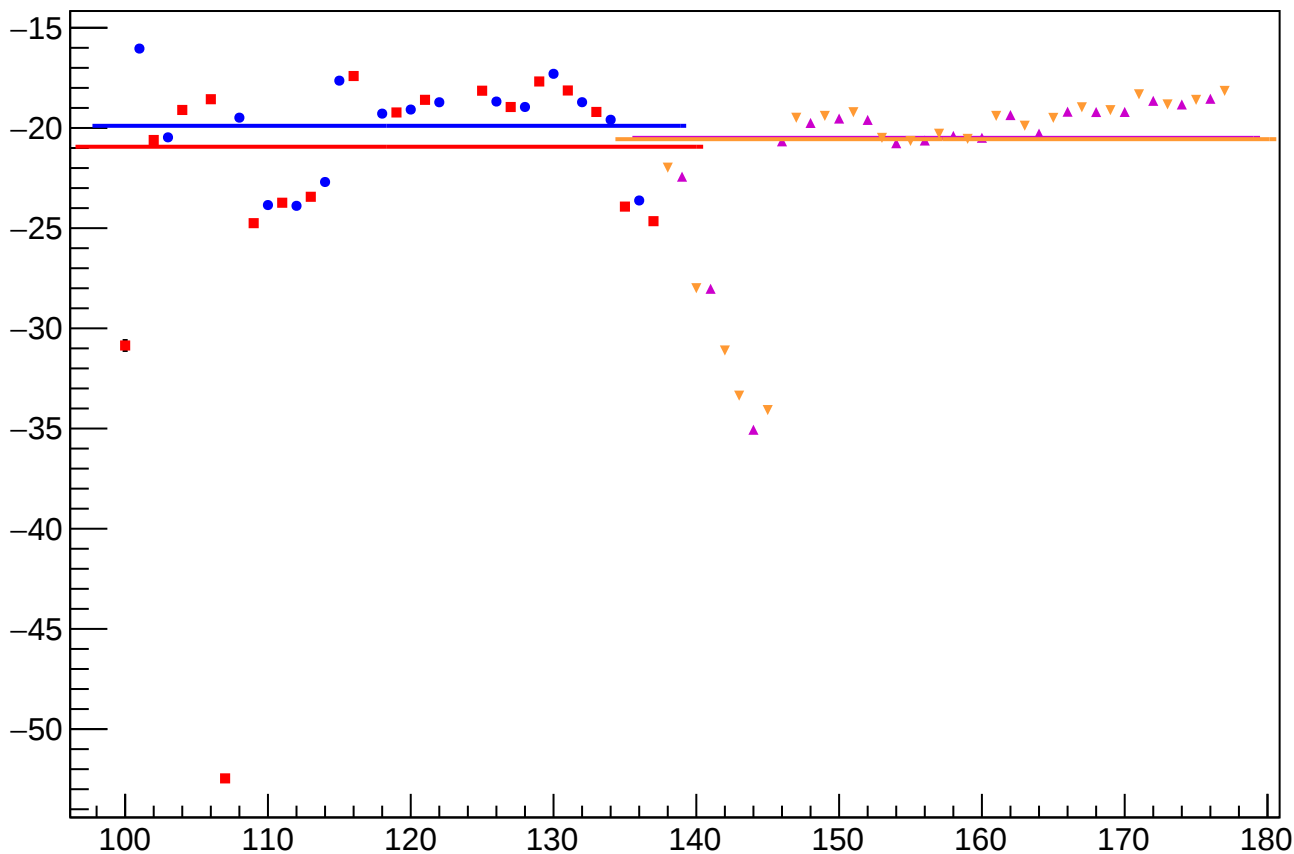
Right: 4.319 $\pm$ 0.180 χ^2 /NDF: 1126.1/33

In: 7.624 $\pm$ 0.151 χ^2 /NDF:1126.3/34

Out: 7.395 $\pm$ 0.150 χ^2 /NDF:1029.5/38

All: 7.509 $\pm$ 0.106 χ^2 /NDF: 2157.0/73

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -20.559 ± 0.009 $\chi^2/\text{NDF}: 160872.1/20$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -20.493 ± 0.009 $\chi^2/\text{NDF}: 118679.1/18$

Left: -20.526 ± 0.006 $\chi^2/\text{NDF}: 279580.6/39$

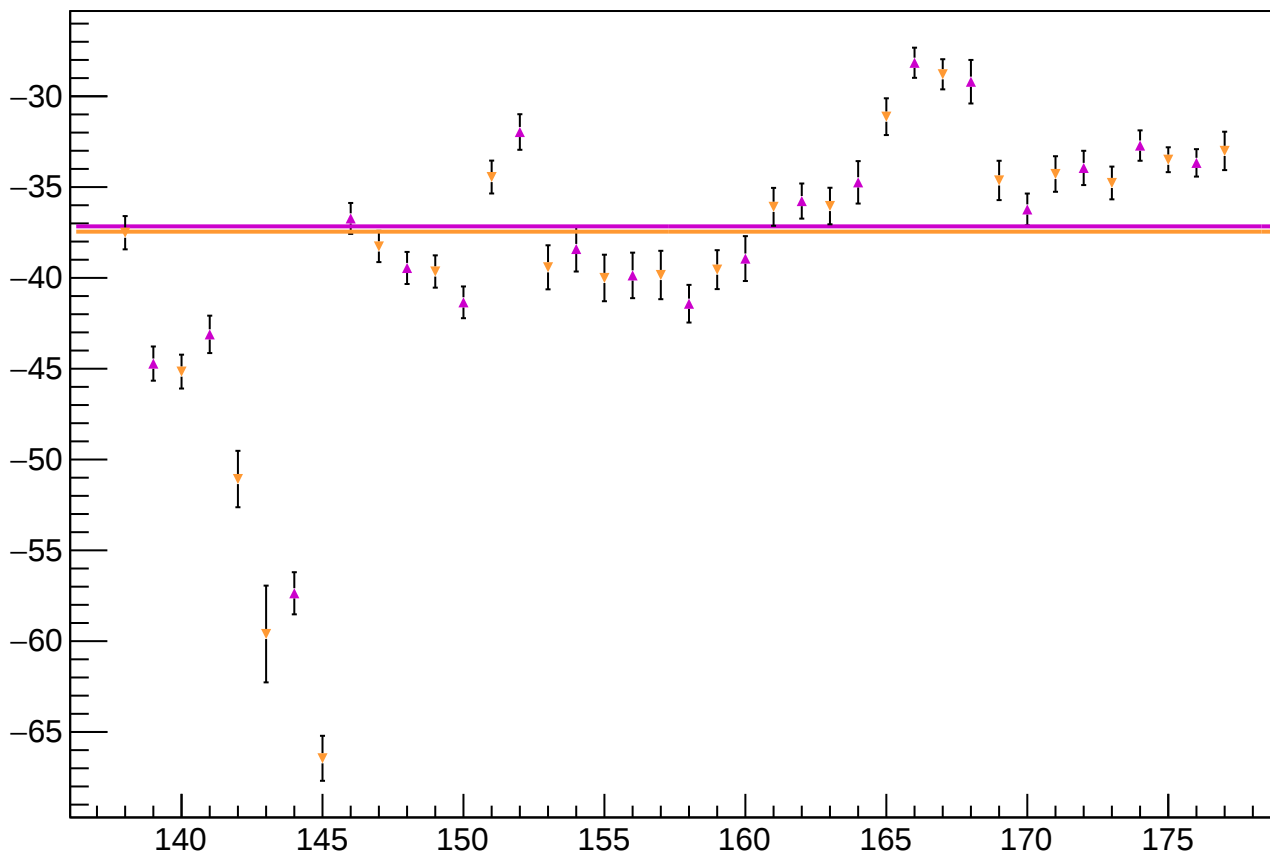
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -20.351 ± 0.008 $\chi^2/\text{NDF}: 145905.1/34$

Out: -20.648 ± 0.008 $\chi^2/\text{NDF}: 255440.9/38$

All: -20.499 ± 0.005 $\chi^2/\text{NDF}: 402109.7/73$

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: -37.163+/-0.222 χ^2/NDF :714.4/18

Left: -37.309+/-0.156 χ^2/NDF : 1738.3/39

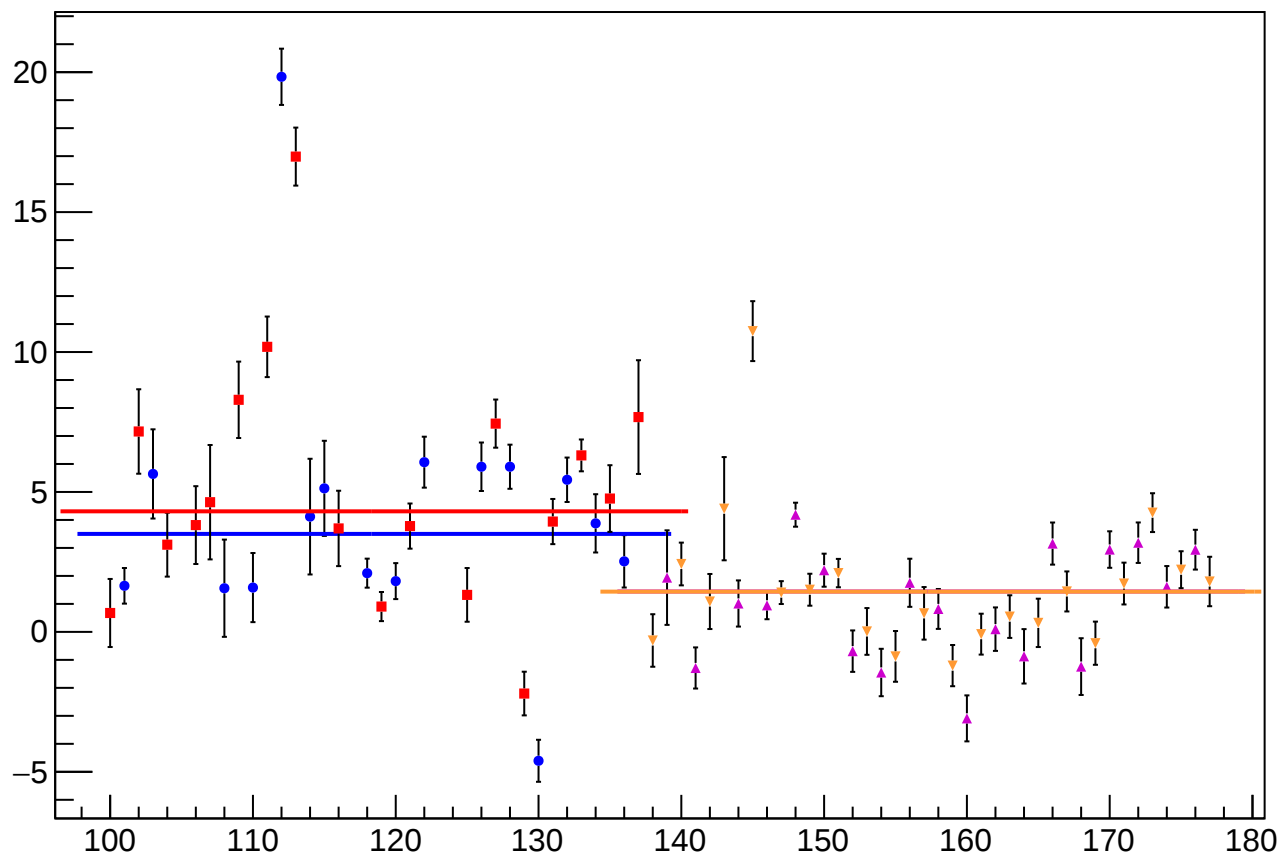
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.163+/-0.222 χ^2/NDF :714.4/18

Out: -37.454+/-0.220 χ^2/NDF :1023.0/20

All: -37.309+/-0.156 χ^2/NDF : 1738.3/39

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: 1.443 ± 0.163 χ^2/NDF : 145.5/18

Left: 1.441 ± 0.114 χ^2/NDF : 285.0/39

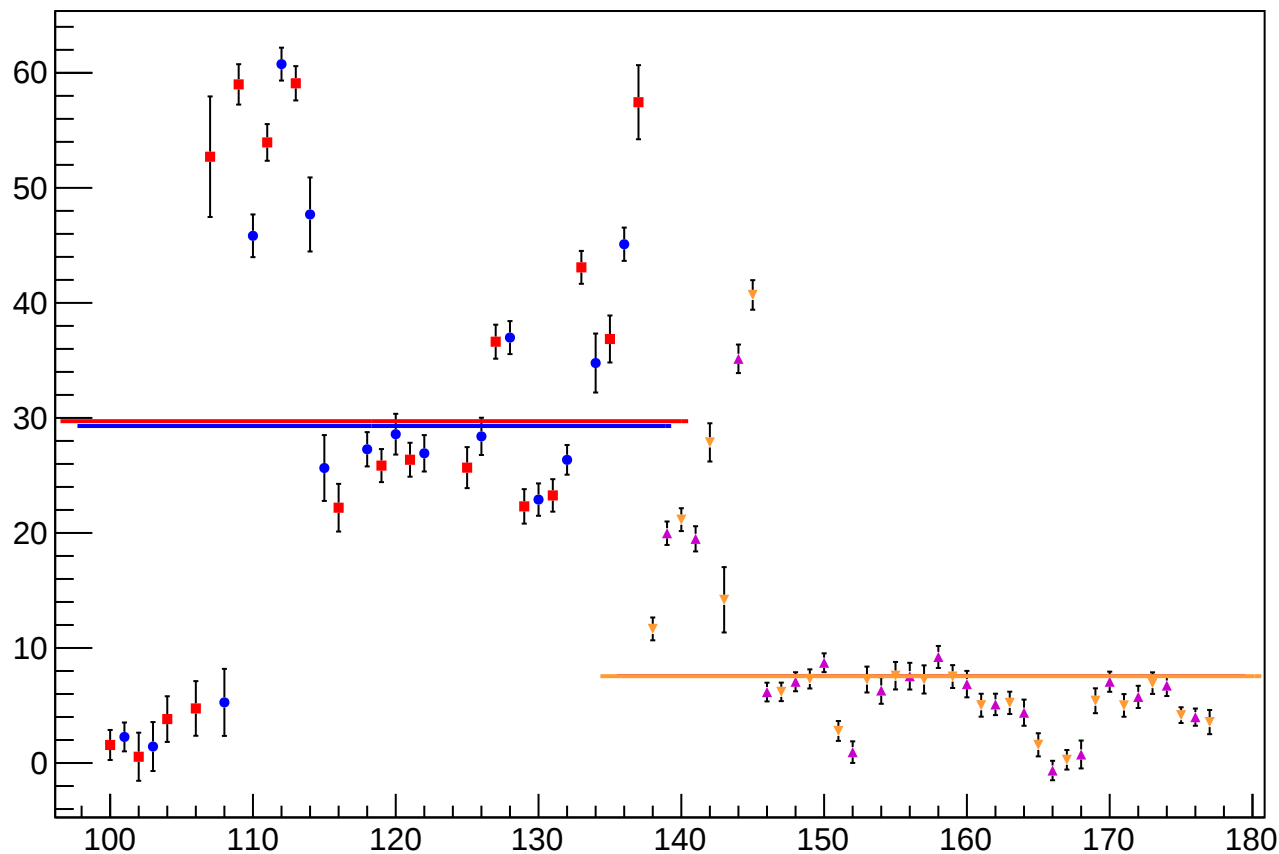
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.184 ± 0.131 χ^2/NDF : 644.7/34

Out: 2.413 ± 0.129 χ^2/NDF : 603.1/38

All: 2.300 ± 0.092 χ^2/NDF : 1249.4/73

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 $\chi^2/\text{NDF}: 1485.2/15$

Left Out: 7.548 ± 0.218 $\chi^2/\text{NDF}: 1228.6/20$

Right Out: 29.719 ± 0.403 $\chi^2/\text{NDF}: 2128.9/17$

Left In: 7.566 ± 0.219 $\chi^2/\text{NDF}: 989.3/18$

Left: 7.557 ± 0.154 $\chi^2/\text{NDF}: 2217.9/39$

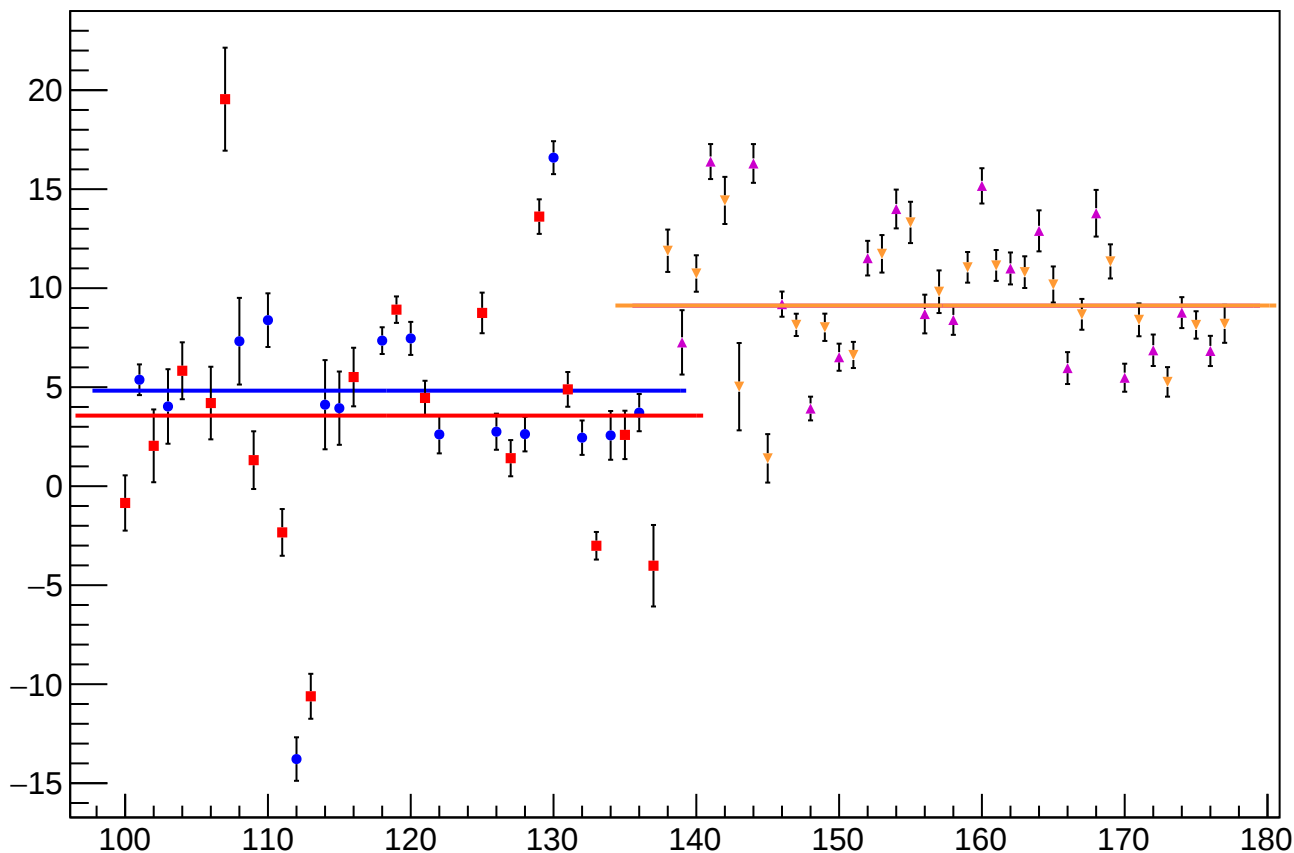
Right: 29.515 ± 0.290 $\chi^2/\text{NDF}: 3614.7/33$

In: 12.272 ± 0.194 $\chi^2/\text{NDF}: 4599.7/34$

Out: 12.560 ± 0.191 $\chi^2/\text{NDF}: 5705.0/38$

All: 12.418 ± 0.136 $\chi^2/\text{NDF}: 10305.8/73$

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.124 ± 0.184 χ^2/NDF : 173.1/20

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 9.116 ± 0.188 χ^2/NDF : 385.5/18

Left: 9.120 ± 0.132 χ^2/NDF : 558.6/39

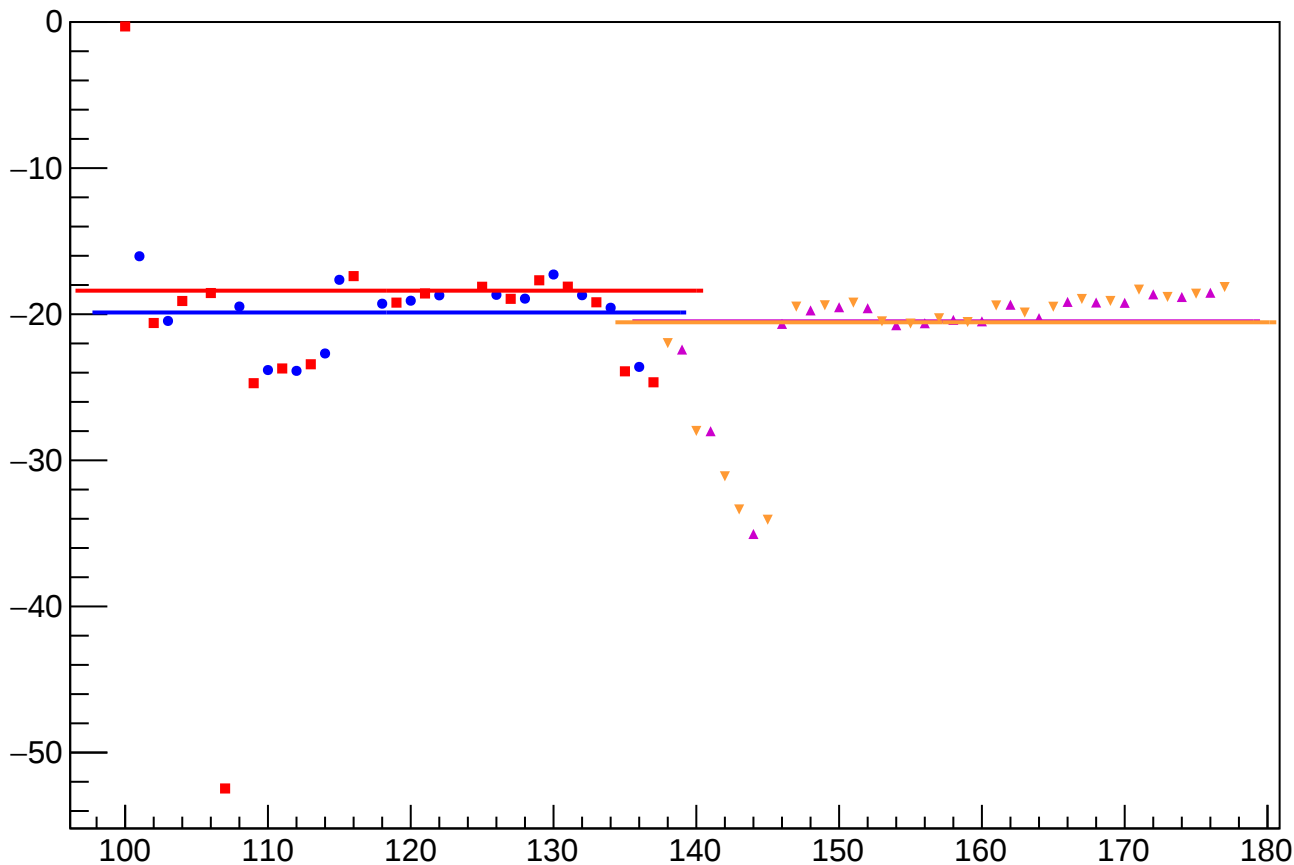
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.573 ± 0.151 χ^2/NDF : 1121.3/34

Out: 7.217 ± 0.149 χ^2/NDF : 1057.0/38

All: 7.393 ± 0.106 χ^2/NDF : 2181.1/73

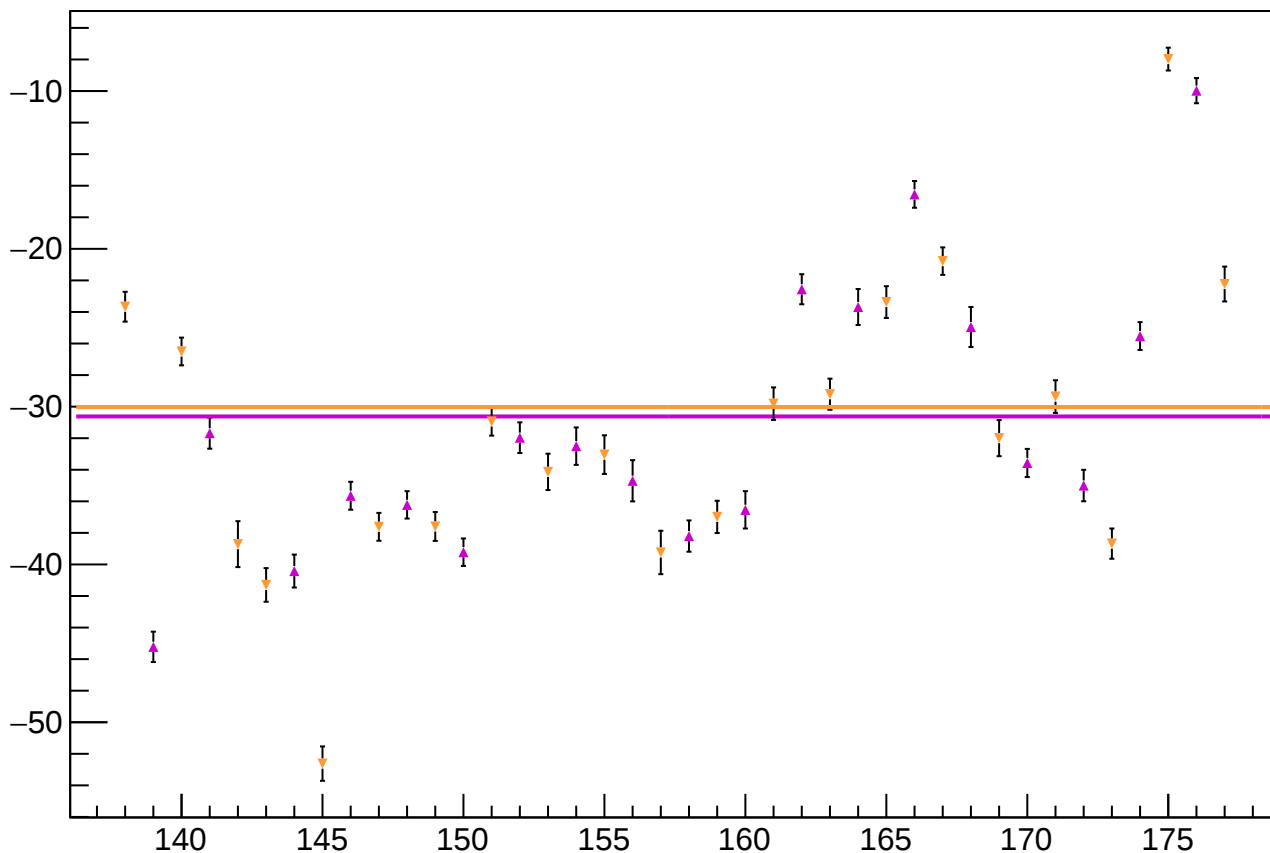
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -20.484 ± 0.009 $\chi^2/\text{NDF}: 118589.5/18$

Left: -20.518 ± 0.006 $\chi^2/\text{NDF}: 279609.5/39$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.342 ± 0.008 $\chi^2/\text{NDF}: 145818.6/34$
 Out: -19.994 ± 0.007 $\chi^2/\text{NDF}: 478245.8/38$
 All: -20.166 ± 0.005 $\chi^2/\text{NDF}: 625132.2/73$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



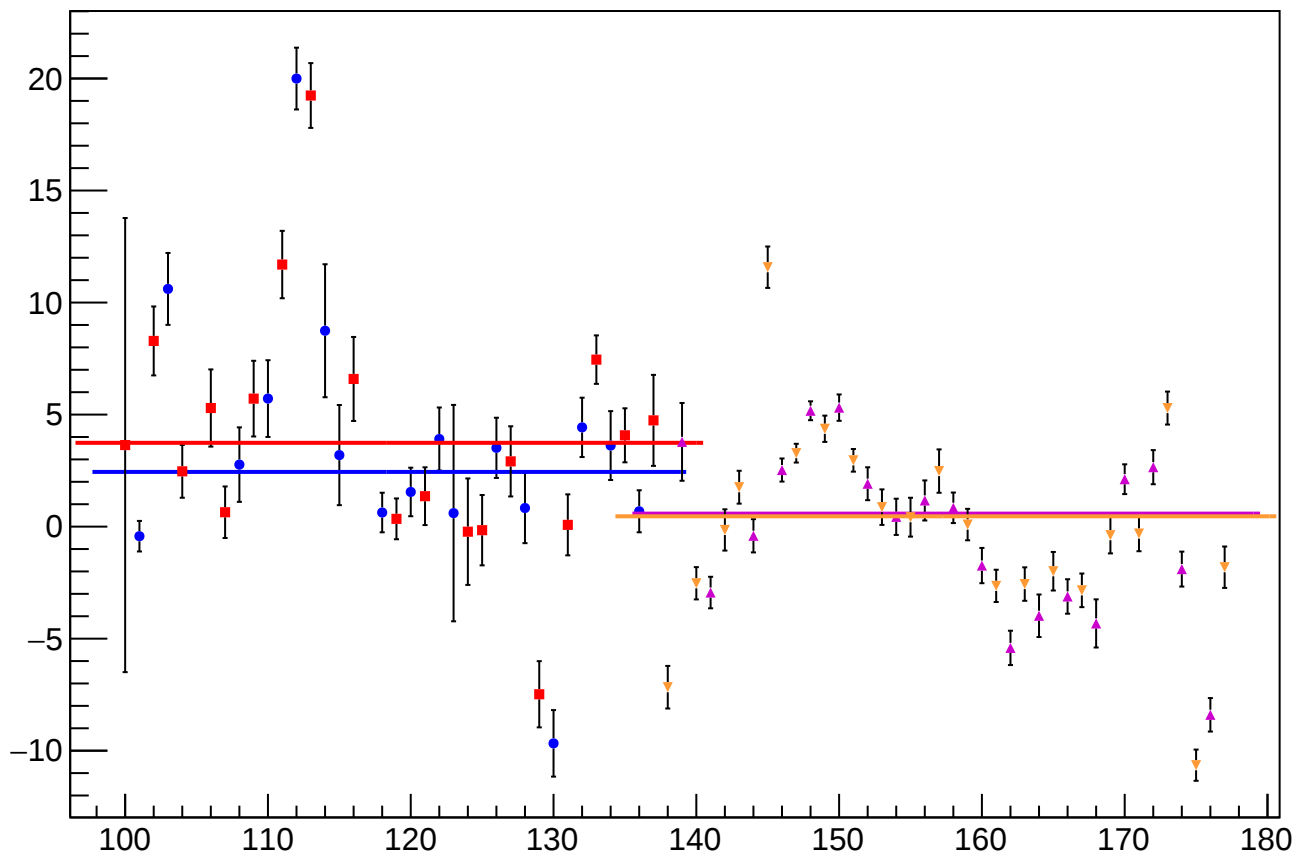
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -30.020+/-0.218 χ^2/NDF :2113.7/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.621+/-0.223 χ^2/NDF :1726.8/18

Left: -30.314+/-0.156 χ^2/NDF : 3844.3/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.621+/-0.223 χ^2/NDF :1726.8/18
 Out: -30.020+/-0.218 χ^2/NDF :2113.7/20

All: -30.314+/-0.156 χ^2/NDF : 3844.3/39

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 0.461 ± 0.156 χ^2/NDF : 716.6/20

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 0.580 ± 0.163 χ^2/NDF : 535.9/18

Left: 0.518 ± 0.113 χ^2/NDF : 1252.8/39

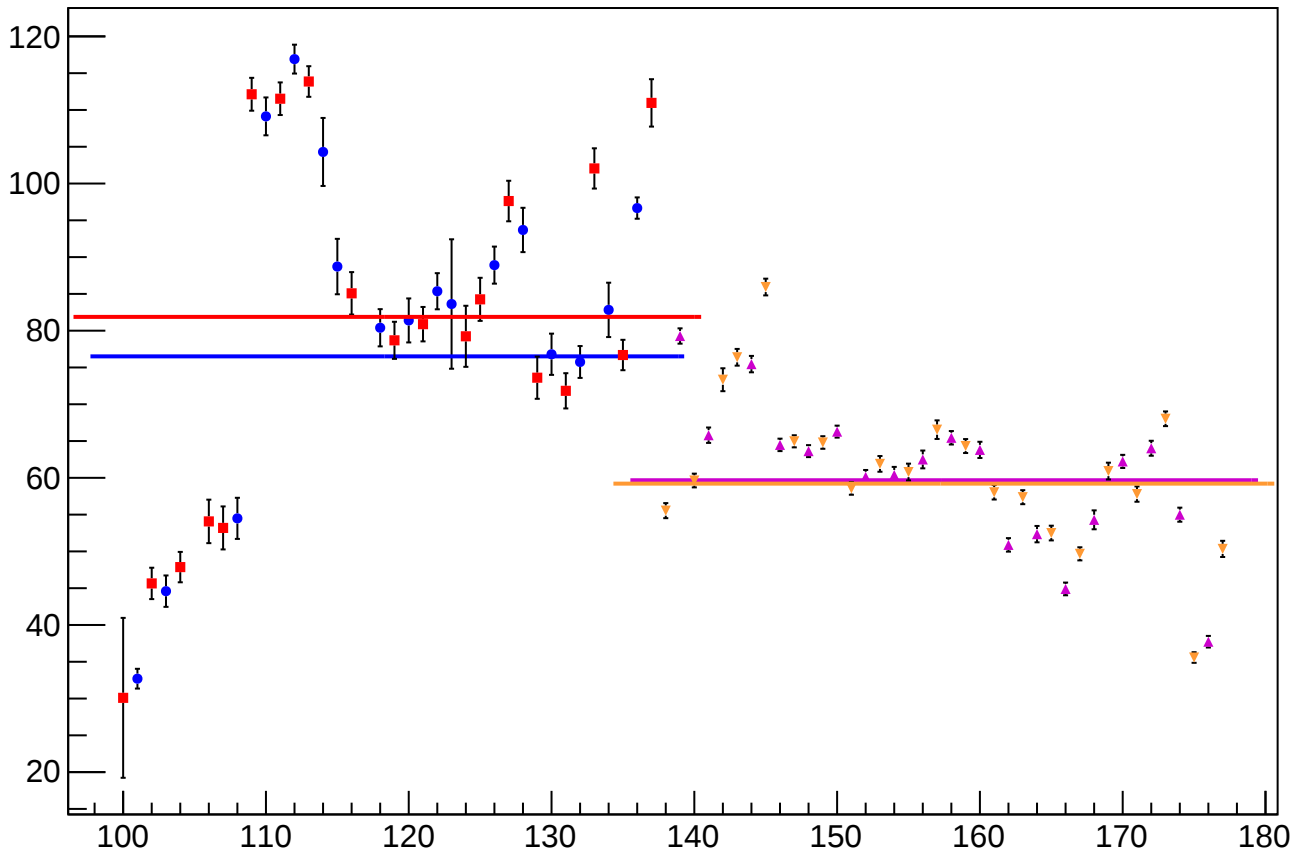
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 0.980 ± 0.144 χ^2/NDF : 858.7/35

Out: 1.073 ± 0.141 χ^2/NDF : 1066.8/39

All: 1.028 ± 0.101 χ^2/NDF : 1925.7/75

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: 59.672 $\pm$ 0.220 χ^2 /NDF:2039.9/18

Left: 59.437 $\pm$ 0.154 χ^2 /NDF: 4463.0/39

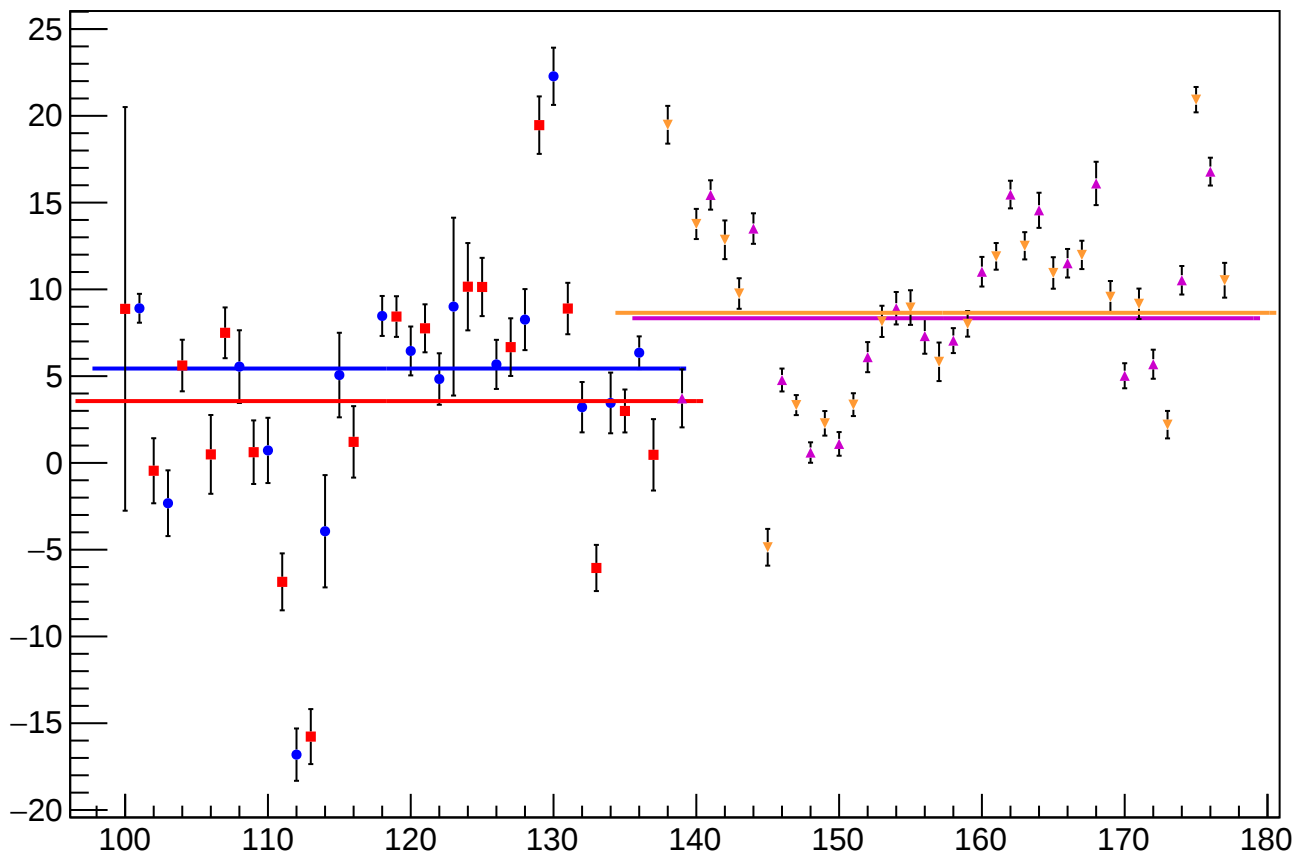
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 61.834 $\pm$ 0.206 χ^2 /NDF:5040.3/35

Out: 61.873 $\pm$ 0.203 χ^2 /NDF:5286.4/39

All: 61.854 $\pm$ 0.144 χ^2 /NDF: 10326.7/75

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 8.649 $\pm$ 0.181 χ^2 /NDF:969.6/20

Right Out: 3.563 $\pm$ 0.375 χ^2 /NDF: 420.8/18

Left In: 8.336 $\pm$ 0.188 χ^2 /NDF:768.6/18

Left: 8.499 $\pm$ 0.131 χ^2 /NDF: 1739.6/39

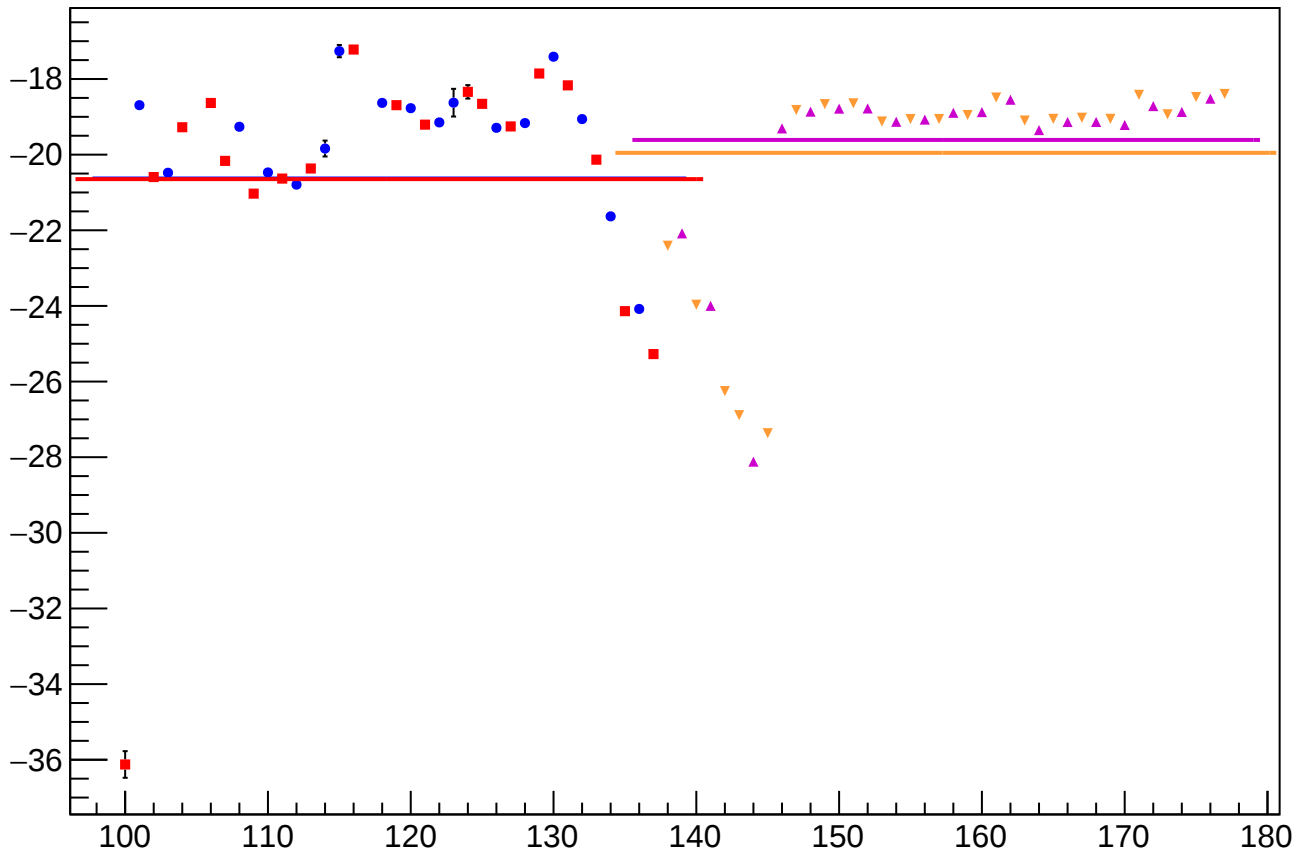
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 7.707 $\pm$ 0.167 χ^2 /NDF:1206.1/35

Out: 7.684 $\pm$ 0.163 χ^2 /NDF:1539.5/39

All: 7.695 $\pm$ 0.117 χ^2 /NDF: 2745.6/75

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: -19.611 ± 0.009 $\chi^2/\text{NDF}: 51688.7/18$

Left: -19.783 ± 0.006 $\chi^2/\text{NDF}: 140976.5/39$

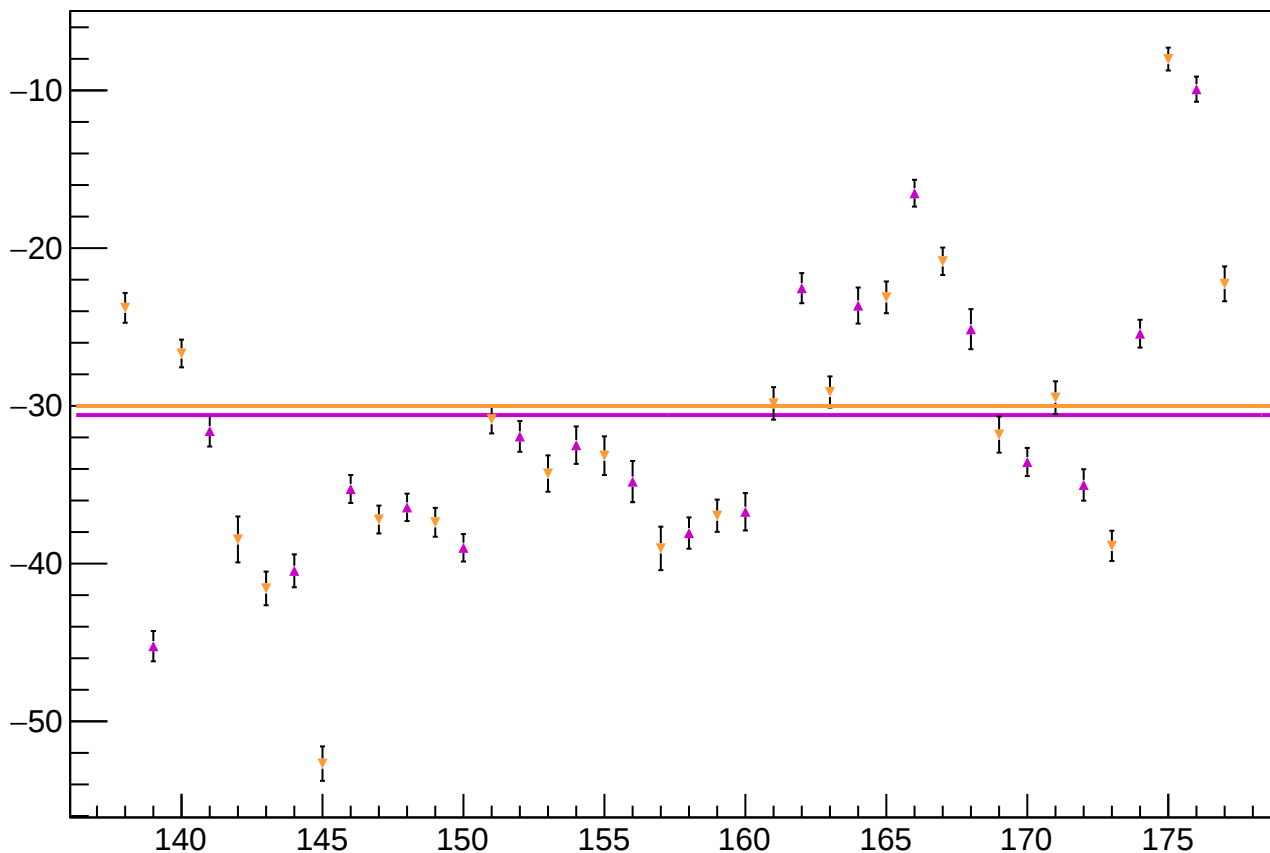
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -19.783 ± 0.008 $\chi^2/\text{NDF}: 66514.8/35$

Out: -20.066 ± 0.008 $\chi^2/\text{NDF}: 103491.6/39$

All: -19.926 ± 0.006 $\chi^2/\text{NDF}: 170646.2/75$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



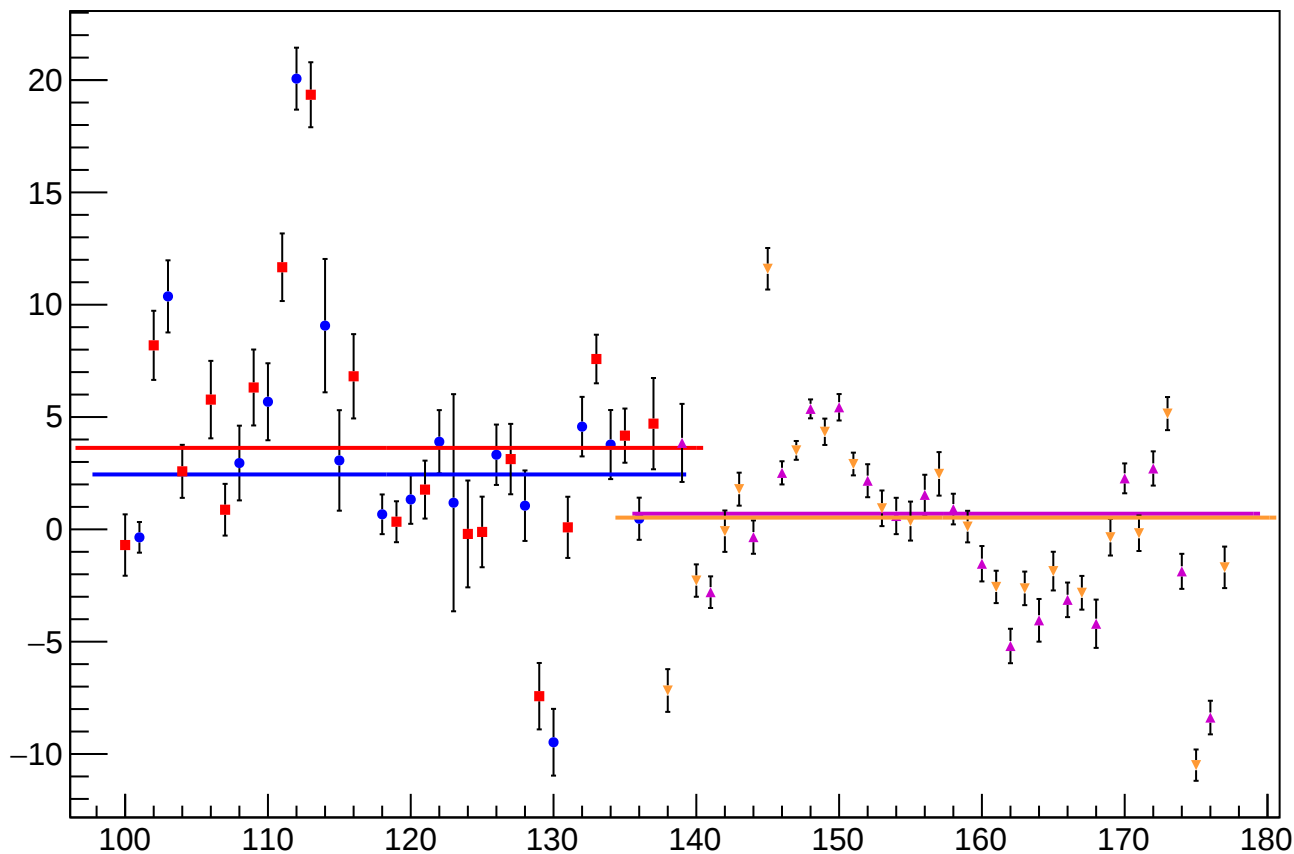
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -30.009 ± 0.218 $\chi^2/\text{NDF}: 2103.2/20$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -30.585 ± 0.224 $\chi^2/\text{NDF}: 1723.6/18$

Left: -30.290 ± 0.156 $\chi^2/\text{NDF}: 3830.2/39$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -30.585 ± 0.224 $\chi^2/\text{NDF}: 1723.6/18$
 Out: -30.009 ± 0.218 $\chi^2/\text{NDF}: 2103.2/20$

All: -30.290 ± 0.156 $\chi^2/\text{NDF}: 3830.2/39$

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: 0.696 ± 0.163 $\chi^2/\text{NDF}: 542.9/18$

Left: 0.606 ± 0.113 $\chi^2/\text{NDF}: 1252.1/39$

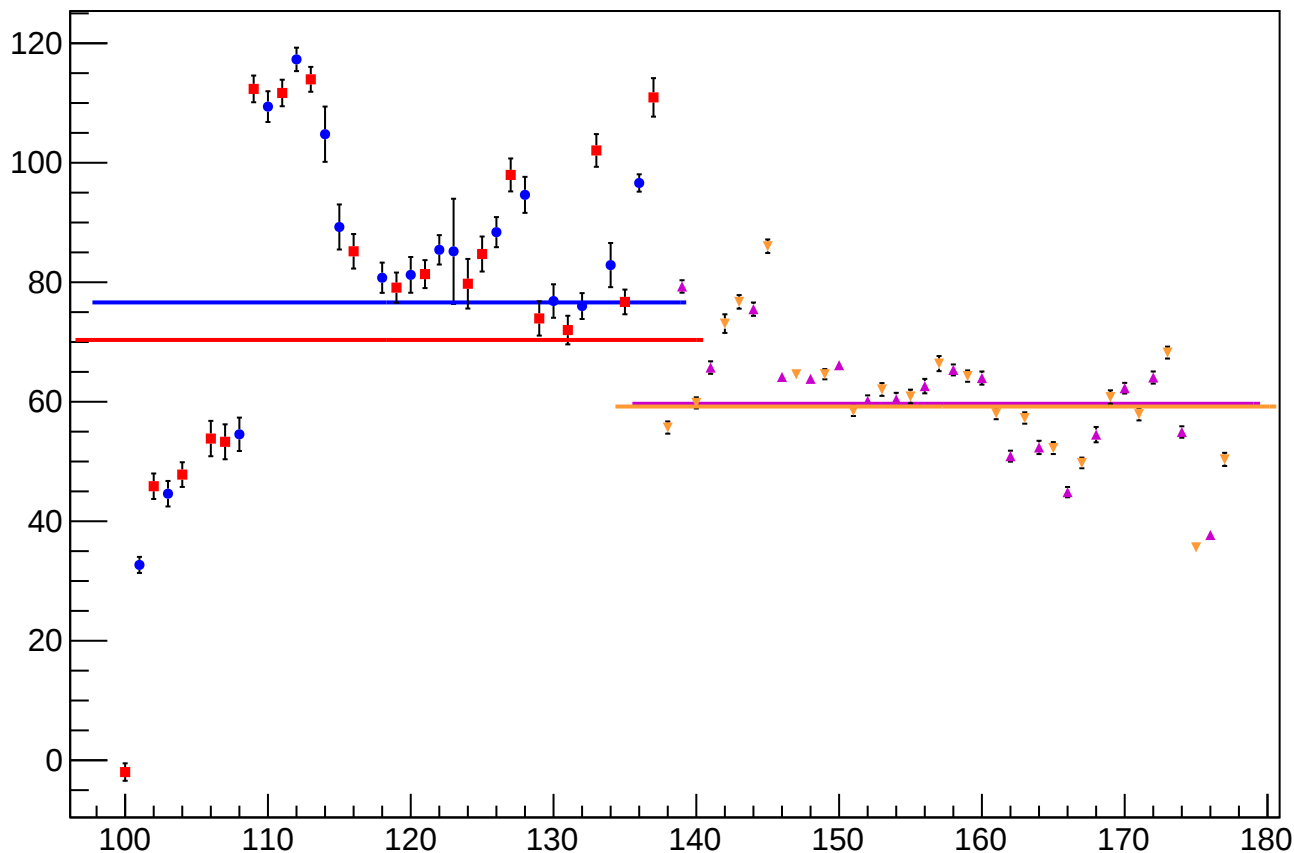
Right: 3.024 ± 0.223 $\chi^2/\text{NDF}: 578.6/35$

In: 1.072 ± 0.144 $\chi^2/\text{NDF}: 860.3/35$

Out: 1.129 ± 0.140 $\chi^2/\text{NDF}: 1064.2/39$

All: 1.101 ± 0.101 $\chi^2/\text{NDF}: 1924.6/75$

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: 59.663 $\pm$ 0.221 χ^2 /NDF: 2035.2/18

Left: 59.429 $\pm$ 0.154 χ^2 /NDF: 4455.2/39

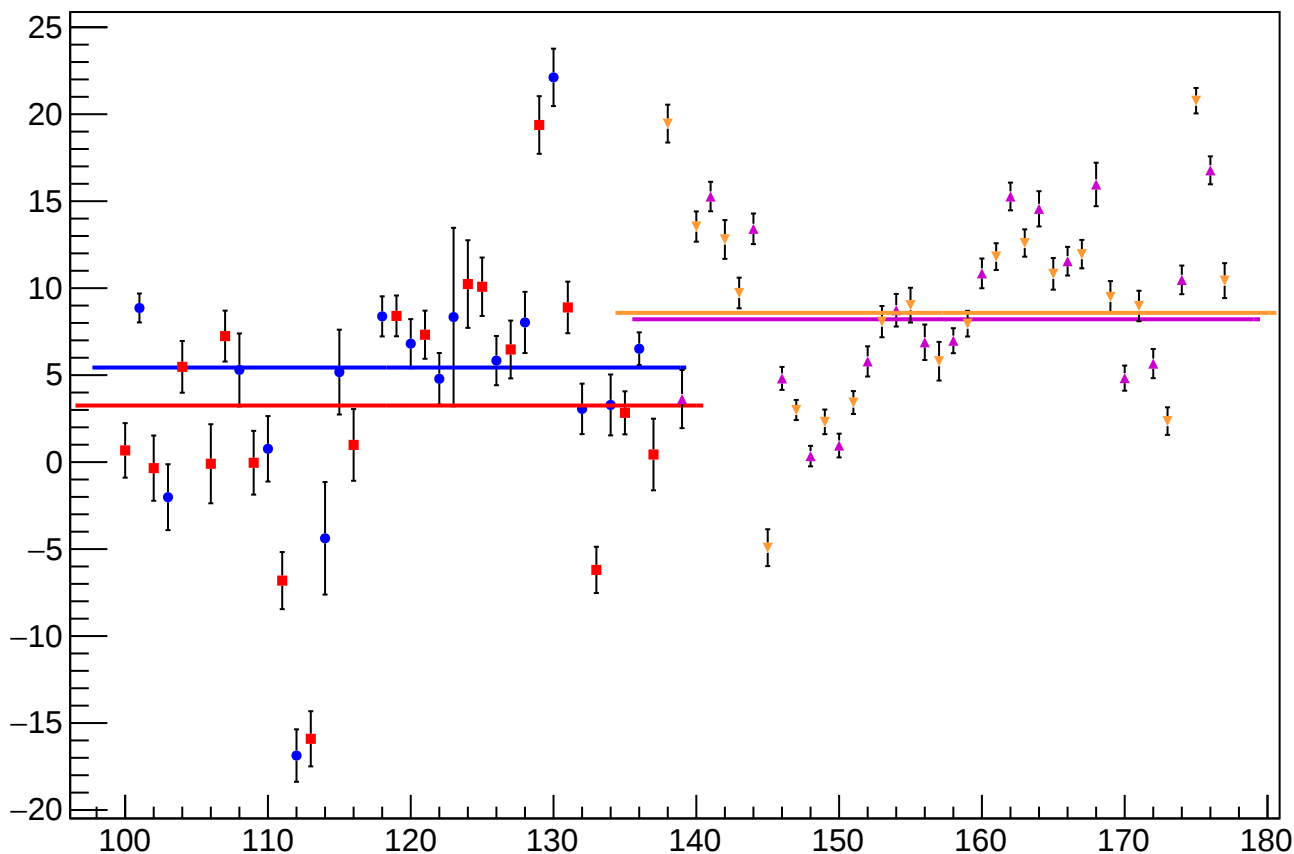
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 61.842 $\pm$ 0.206 χ^2 /NDF: 5058.0/35

Out: 60.695 $\pm$ 0.201 χ^2 /NDF: 7162.0/39

All: 61.255 $\pm$ 0.144 χ^2 /NDF: 12235.8/75

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: 8.210 ± 0.189 $\chi^2/\text{NDF}: 777.0/18$

Left: 8.402 ± 0.131 $\chi^2/\text{NDF}: 1742.1/39$

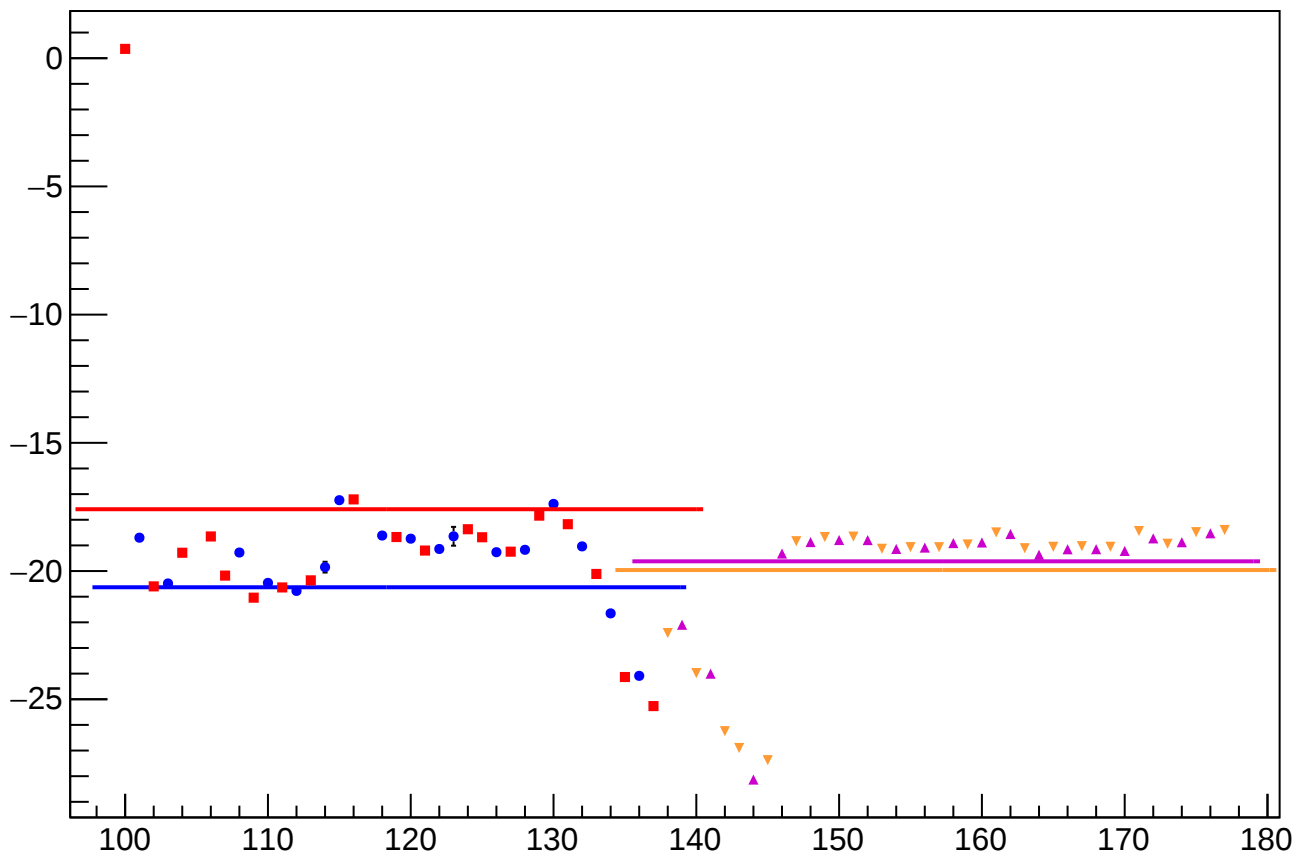
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 7.608 ± 0.167 $\chi^2/\text{NDF}: 1208.5/35$

Out: 7.524 ± 0.163 $\chi^2/\text{NDF}: 1557.5/39$

All: 7.565 ± 0.116 $\chi^2/\text{NDF}: 2766.1/75$

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: -19.621 ± 0.009 $\chi^2/\text{NDF}: 51633.2/18$

Left: -19.793 ± 0.006 $\chi^2/\text{NDF}: 140786.7/39$

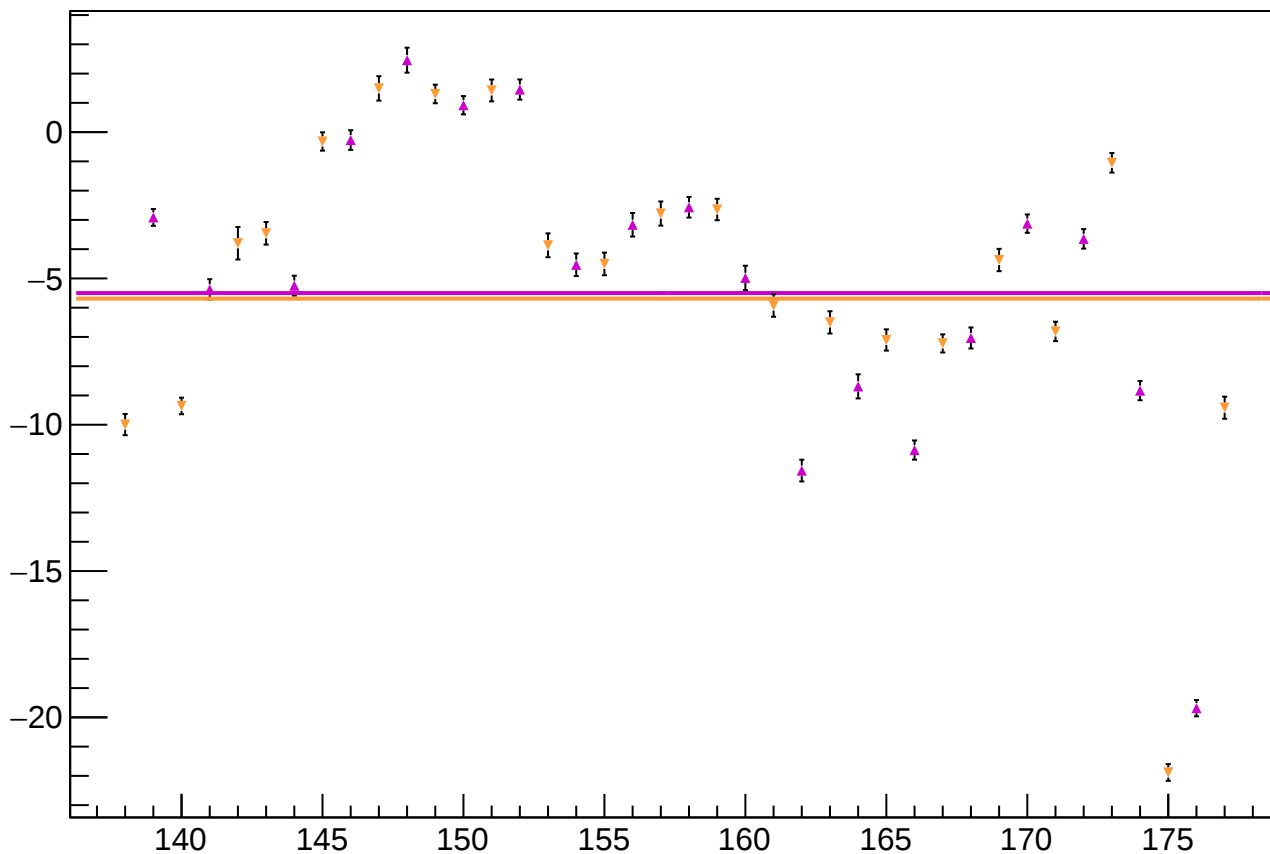
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -19.792 ± 0.008 $\chi^2/\text{NDF}: 66457.2/35$

Out: -19.519 ± 0.008 $\chi^2/\text{NDF}: 281163.9/39$

All: -19.653 ± 0.006 $\chi^2/\text{NDF}: 348223.8/75$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



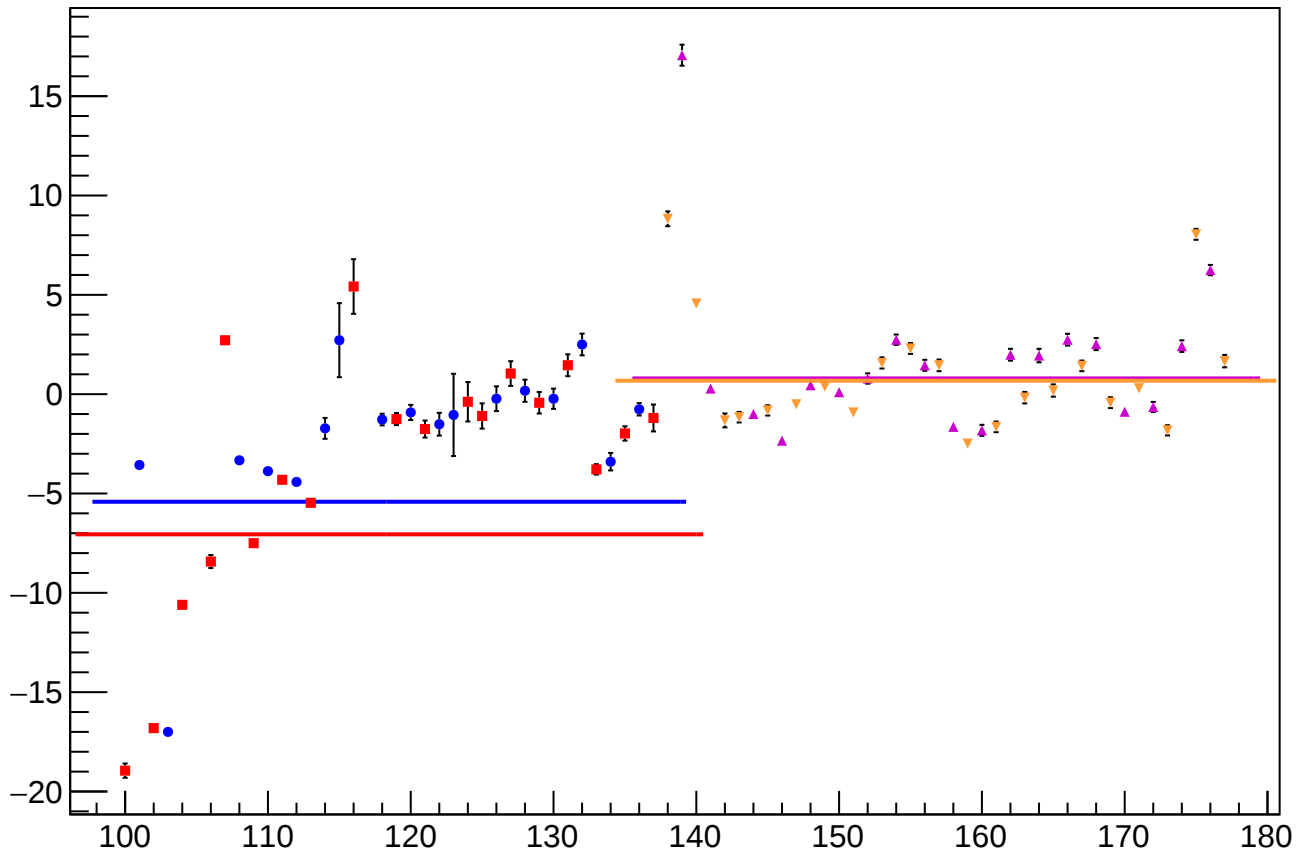
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.691+/-0.078 χ^2/NDF : 5511.7/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.500+/-0.079 χ^2/NDF : 4986.4/18

Left: -5.597+/-0.055 χ^2/NDF : 10501.1/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.500+/-0.079 χ^2/NDF : 4986.4/18
 Out: -5.691+/-0.078 χ^2/NDF : 5511.7/20

All: -5.597+/-0.055 χ^2/NDF : 10501.1/39

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2 /NDF: 9255.1/16

Left Out: 0.677 $\pm$ 0.058 χ^2 /NDF:2094.1/20

Right Out: -7.056 $\pm$ 0.059 χ^2 /NDF: 12334.0/18

Left In: 0.793 $\pm$ 0.060 χ^2 /NDF:2137.9/18

Left: 0.733 $\pm$ 0.042 χ^2 /NDF: 4233.9/39

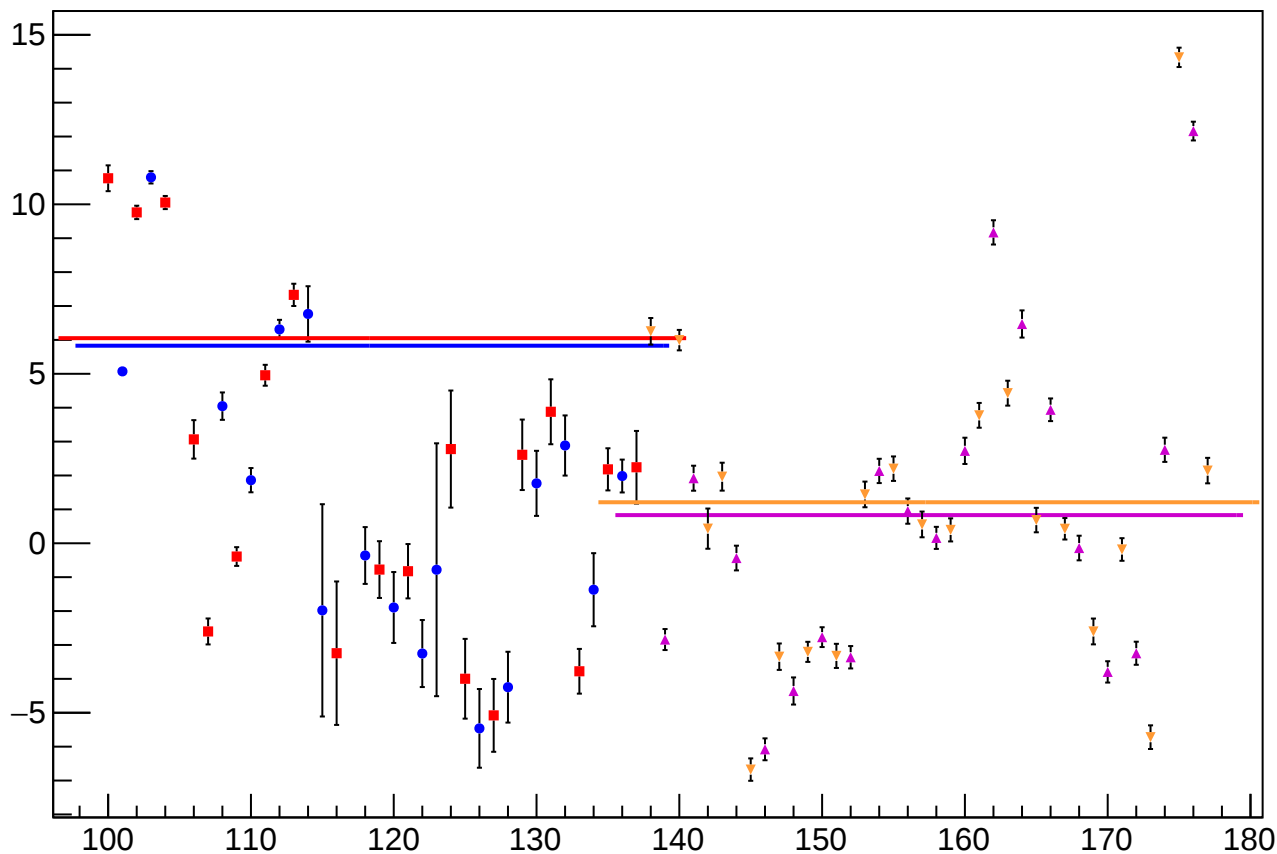
Right: -6.174 $\pm$ 0.040 χ^2 /NDF: 22004.4/35

In: -2.596 $\pm$ 0.040 χ^2 /NDF:17229.5/35

Out: -3.090 $\pm$ 0.041 χ^2 /NDF:23234.0/39

All: -2.839 $\pm$ 0.029 χ^2 /NDF: 40536.6/75

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 1.210 ± 0.077 χ^2/NDF : 4292.7/20

Right Out: 6.051 ± 0.093 χ^2/NDF : 2674.1/18

Left In: 0.831 ± 0.078 χ^2/NDF : 4040.1/18

Left: 1.023 ± 0.055 χ^2/NDF : 8344.6/39

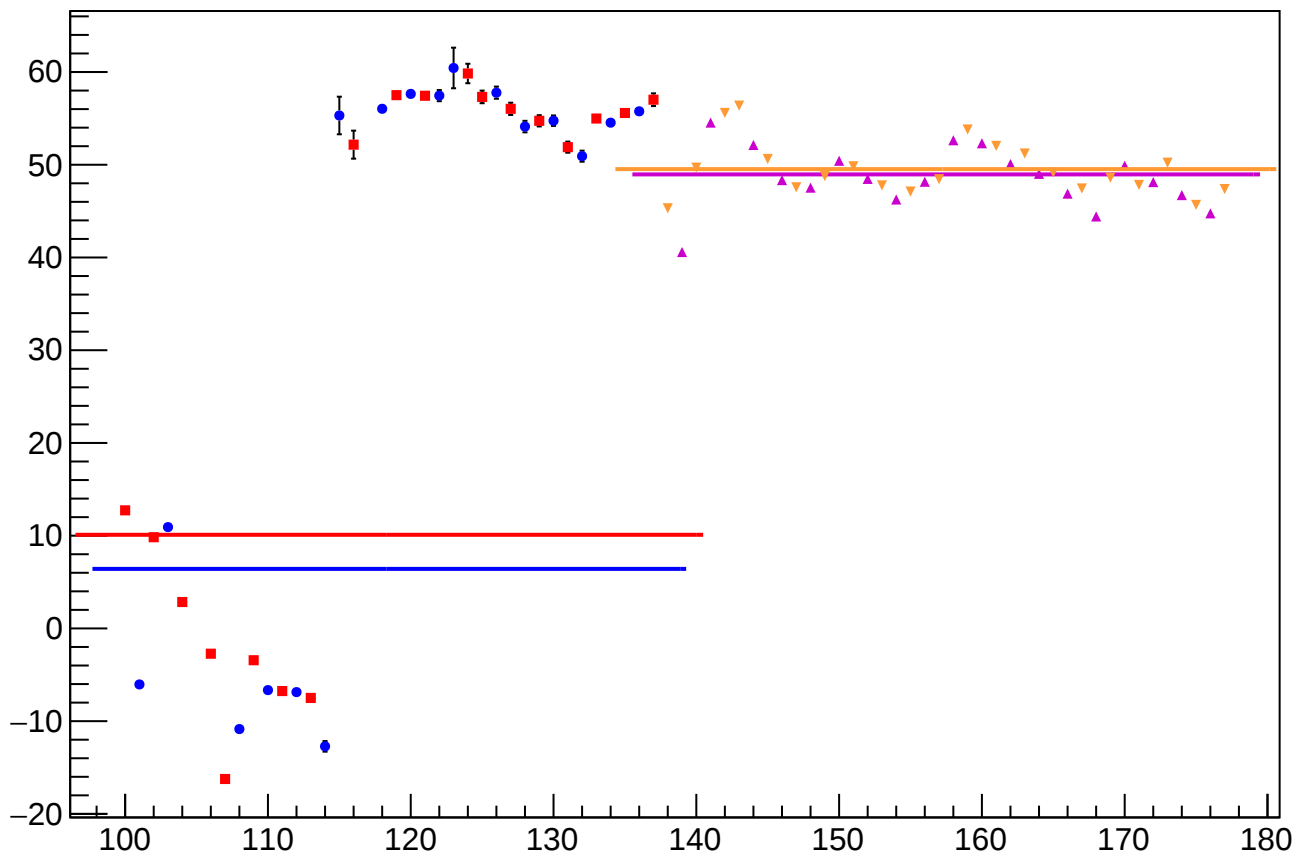
Right: 5.936 ± 0.065 χ^2/NDF : 4125.3/35

In: 2.994 ± 0.059 χ^2/NDF : 7252.7/35

Out: 3.180 ± 0.060 χ^2/NDF : 8563.5/39

All: 3.086 ± 0.042 χ^2/NDF : 15821.2/75

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: 48.960 ± 0.068 χ^2/NDF : 1747.2/18

Left: 49.255 ± 0.047 χ^2/NDF : 3408.9/39

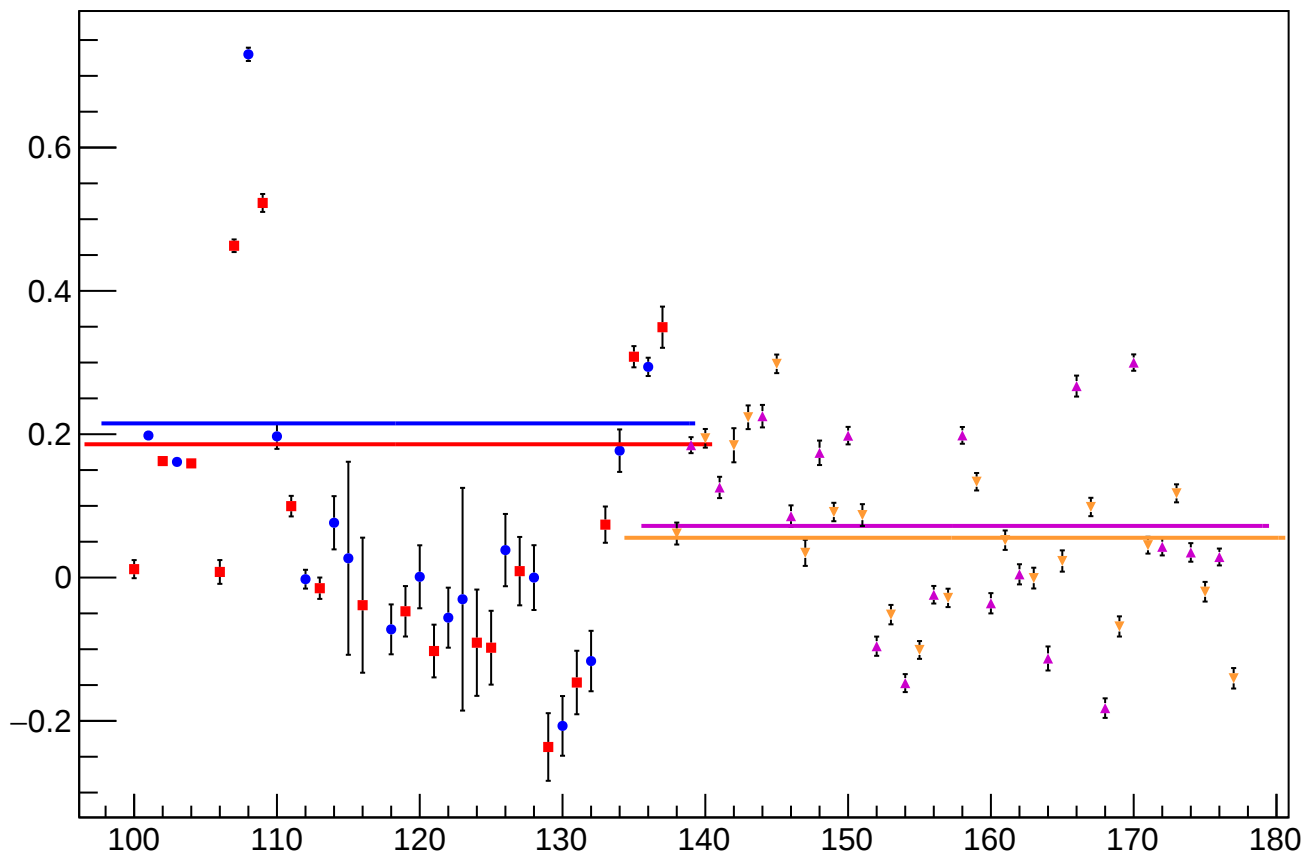
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 26.575 ± 0.047 χ^2/NDF : 329456.9/35

Out: 30.949 ± 0.048 χ^2/NDF : 292962.1/39

All: 28.721 ± 0.034 χ^2/NDF : 626676.4/75

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2/NDF : 3927.2/16

Left Out: 0.056 $\pm$ 0.003 χ^2/NDF : 1267.9/20

Right Out: 0.186 $\pm$ 0.003 χ^2/NDF : 2719.3/18

Left In: 0.072 $\pm$ 0.003 χ^2/NDF : 2145.7/18

Left: 0.064 $\pm$ 0.002 χ^2/NDF : 3428.6/39

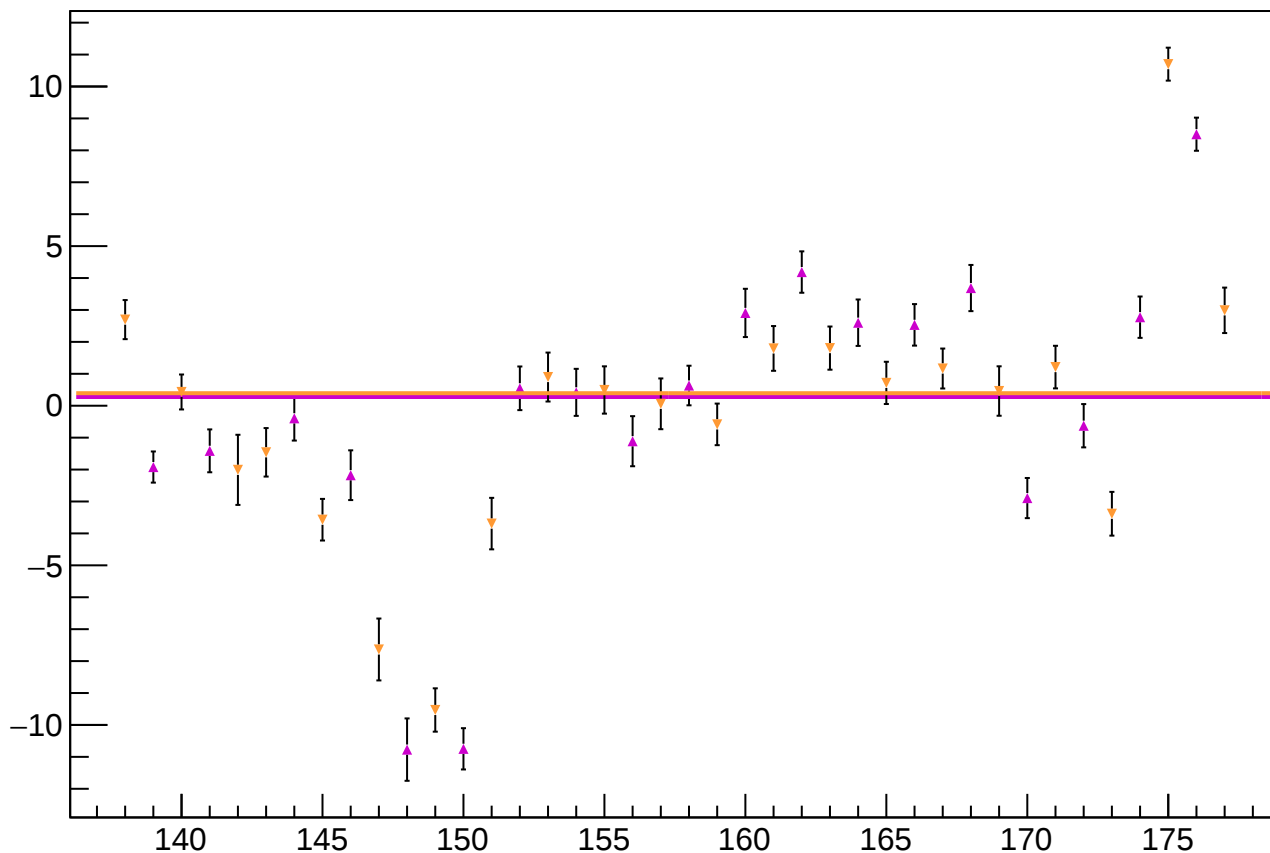
Right: 0.200 $\pm$ 0.002 χ^2/NDF : 6703.5/35

In: 0.150 $\pm$ 0.002 χ^2/NDF : 7284.0/35

Out: 0.128 $\pm$ 0.002 χ^2/NDF : 5027.5/39

All: 0.139 $\pm$ 0.001 χ^2/NDF : 12369.2/75

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: 0.273 $\pm$ 0.153 χ^2 /NDF:846.3/18

Left: 0.333 $\pm$ 0.107 χ^2 /NDF: 1673.3/39

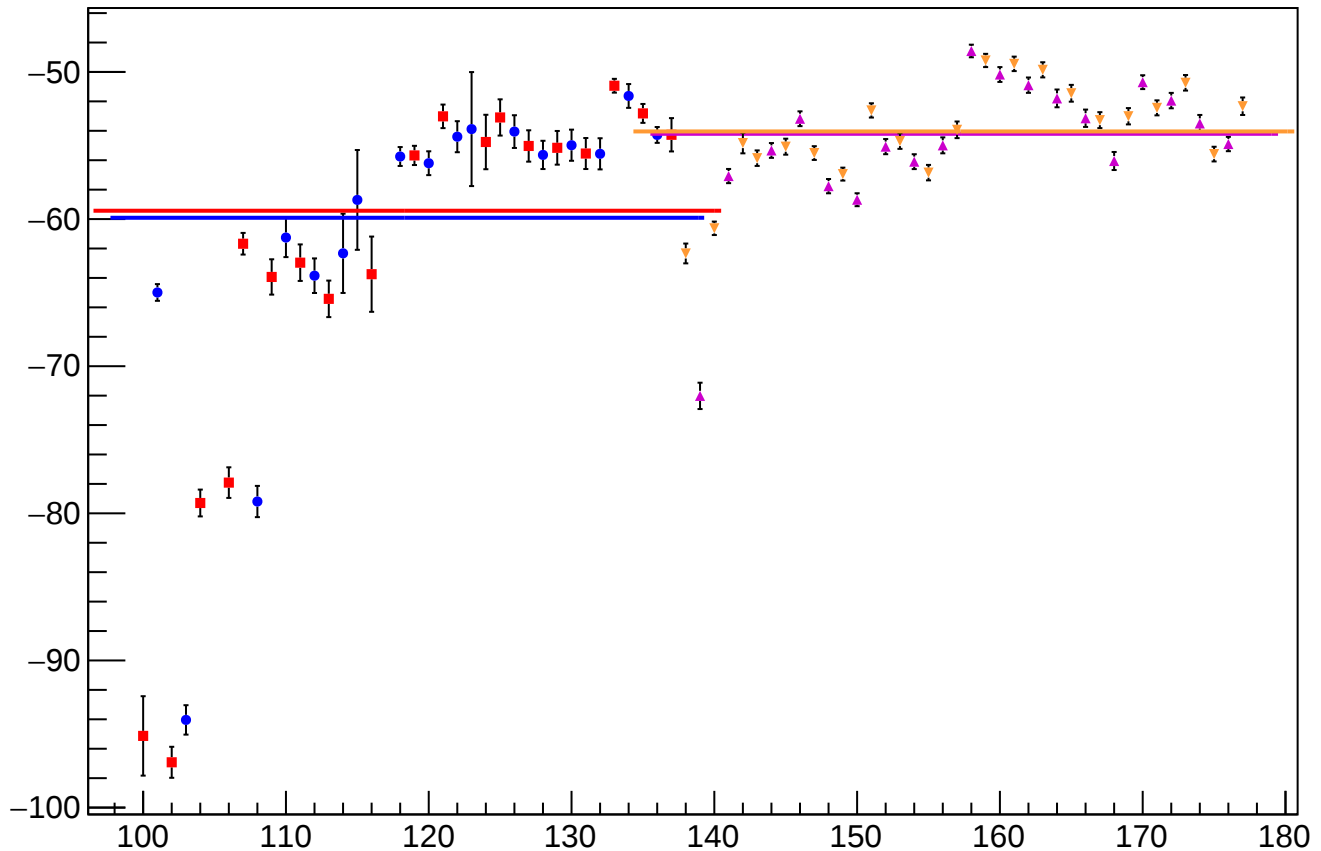
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.273 $\pm$ 0.153 χ^2 /NDF:846.3/18

Out: 0.392 $\pm$ 0.151 χ^2 /NDF:826.6/20

All: 0.333 $\pm$ 0.107 χ^2 /NDF: 1673.3/39

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.043 ± 0.114 χ^2/NDF : 829.0/20

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.204 ± 0.119 χ^2/NDF : 998.9/18

Left: -54.120 ± 0.082 χ^2/NDF : 1828.8/39

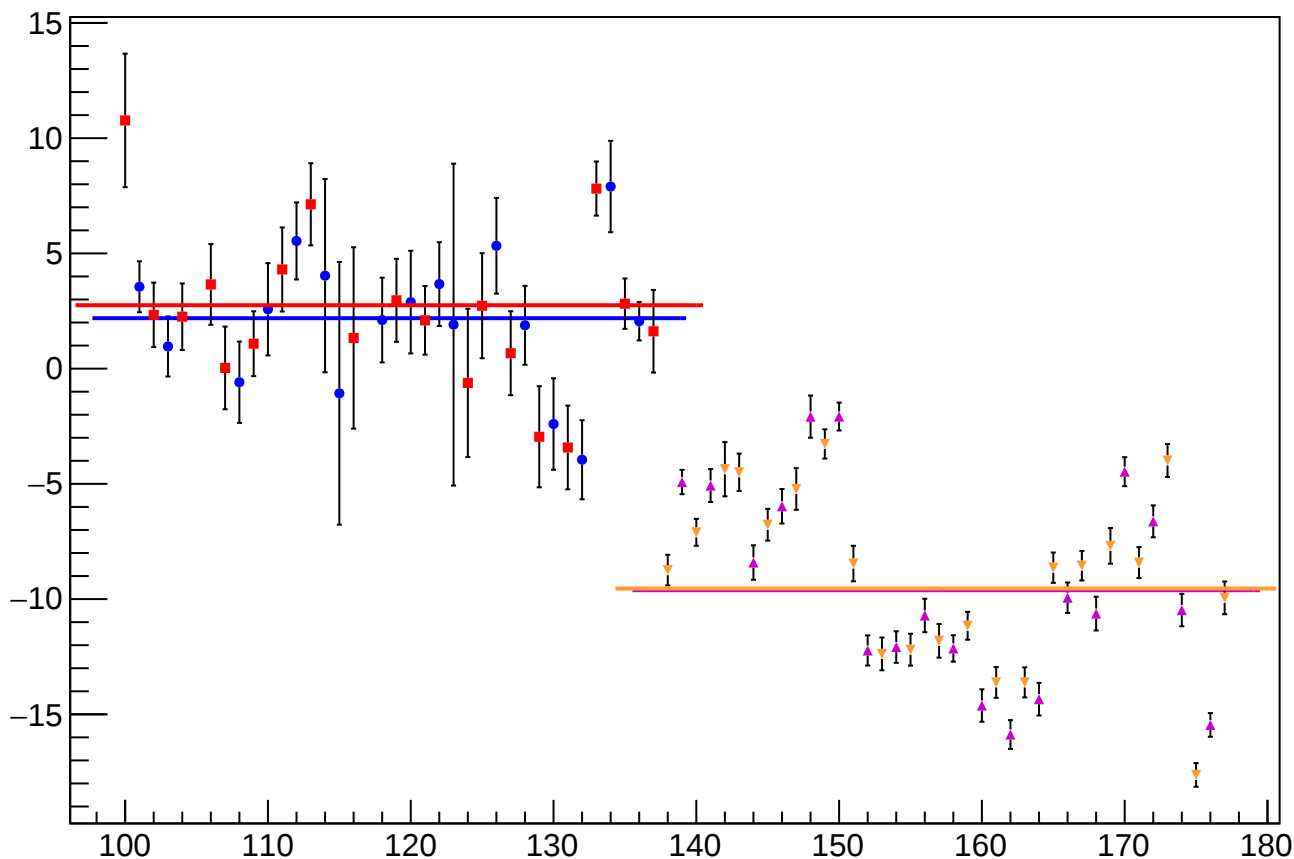
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -55.467 ± 0.105 χ^2/NDF : 3488.7/35

Out: -55.252 ± 0.100 χ^2/NDF : 4250.6/39

All: -55.355 ± 0.073 χ^2/NDF : 7741.6/75

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: -9.615 ± 0.151 $\chi^2/\text{NDF}: 834.0/18$

Left: -9.577 ± 0.106 $\chi^2/\text{NDF}: 1493.5/39$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -8.165 ± 0.142 $\chi^2/\text{NDF}: 1619.9/35$
 Out: -7.941 ± 0.140 $\chi^2/\text{NDF}: 1593.8/39$
 All: -8.051 ± 0.100 $\chi^2/\text{NDF}: 3214.9/75$

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: -37.654 ± 0.134 $\chi^2/\text{NDF}: 1032.1/18$

Left: -37.998 ± 0.093 $\chi^2/\text{NDF}: 1917.7/39$

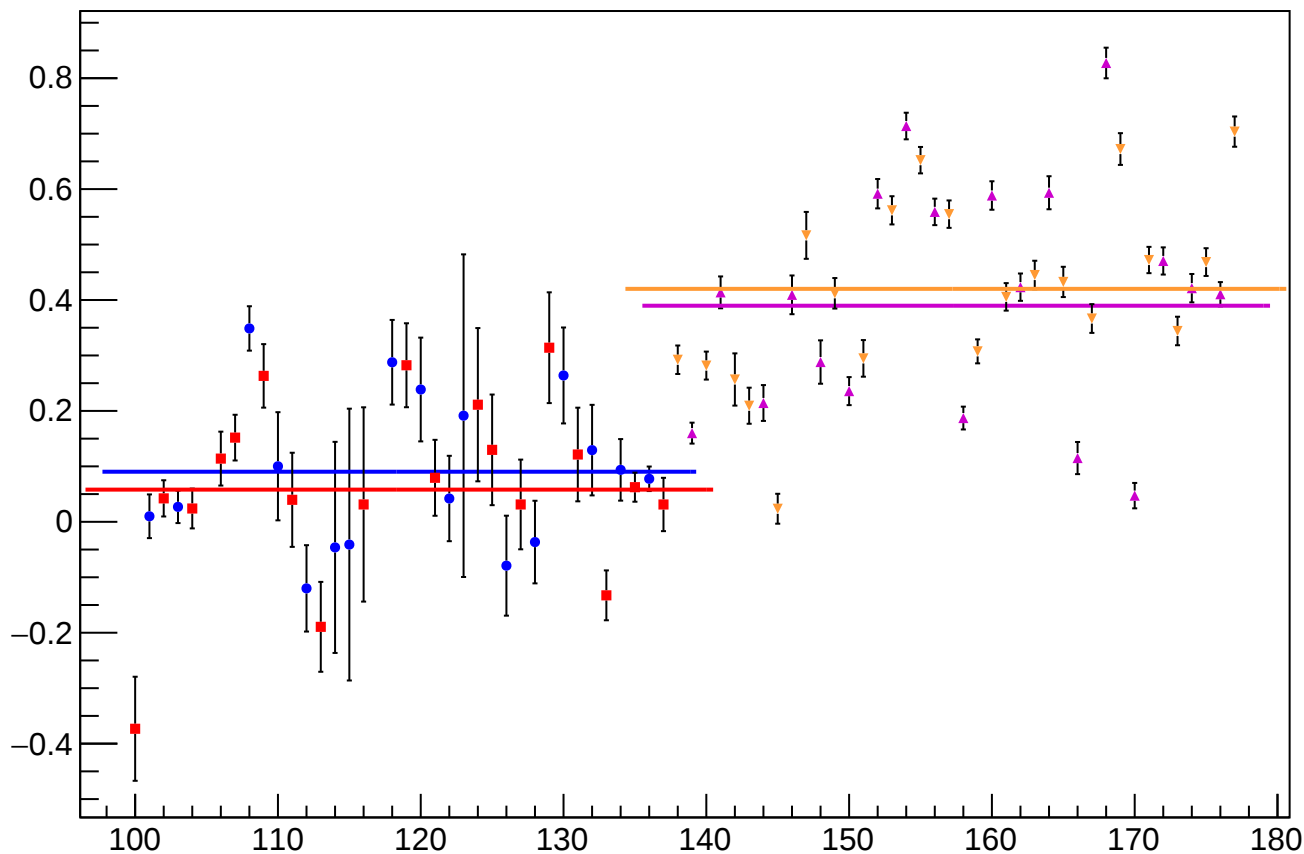
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -36.604 ± 0.118 $\chi^2/\text{NDF}: 5979.7/35$

Out: -37.050 ± 0.114 $\chi^2/\text{NDF}: 7355.2/39$

All: -36.836 ± 0.082 $\chi^2/\text{NDF}: 13342.2/75$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.420 $\pm$ 0.006 χ^2 /NDF: 735.9/20

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.390 $\pm$ 0.006 χ^2 /NDF: 1296.8/18

Left: 0.405 $\pm$ 0.004 χ^2 /NDF: 2046.1/39

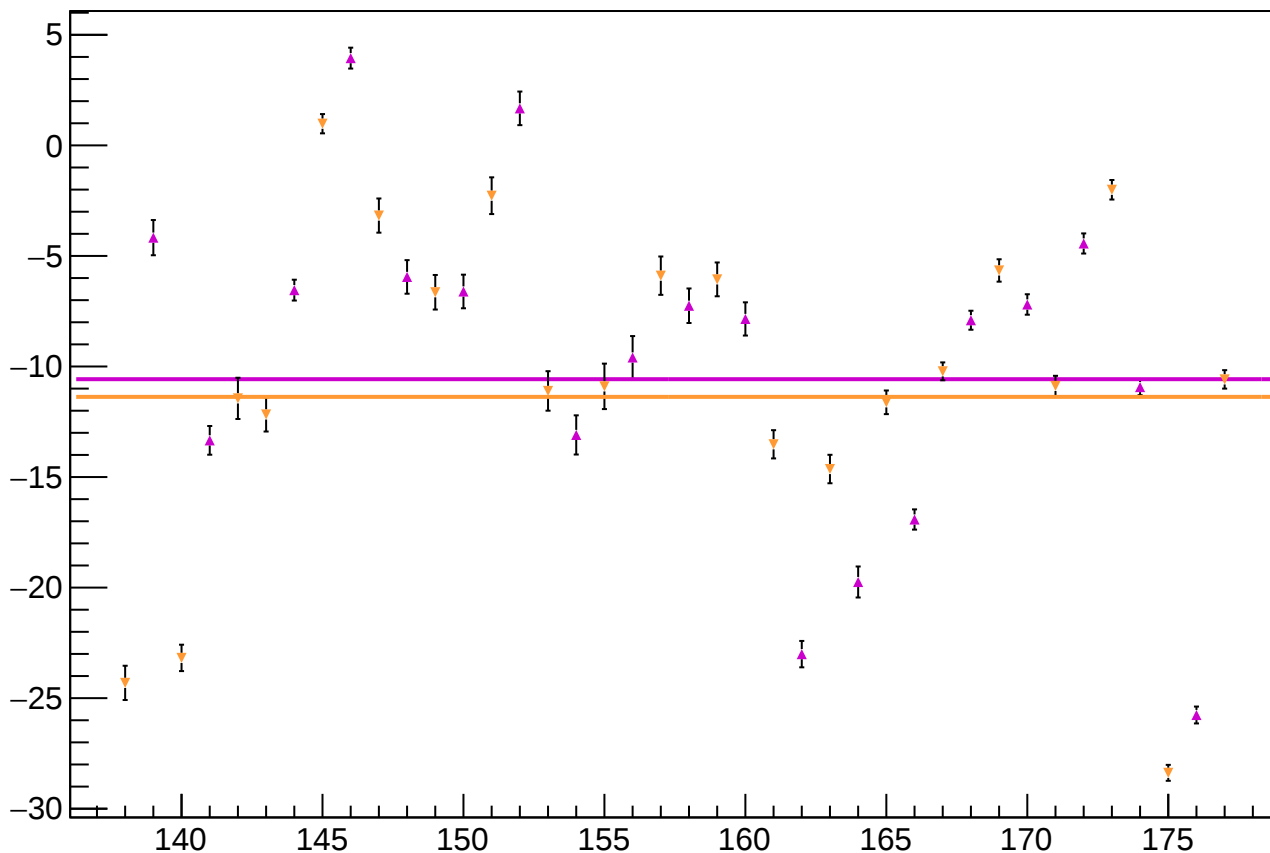
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.338 $\pm$ 0.005 χ^2 /NDF: 1833.1/35

Out: 0.352 $\pm$ 0.005 χ^2 /NDF: 1544.5/39

All: 0.345 $\pm$ 0.004 χ^2 /NDF: 3381.2/75

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



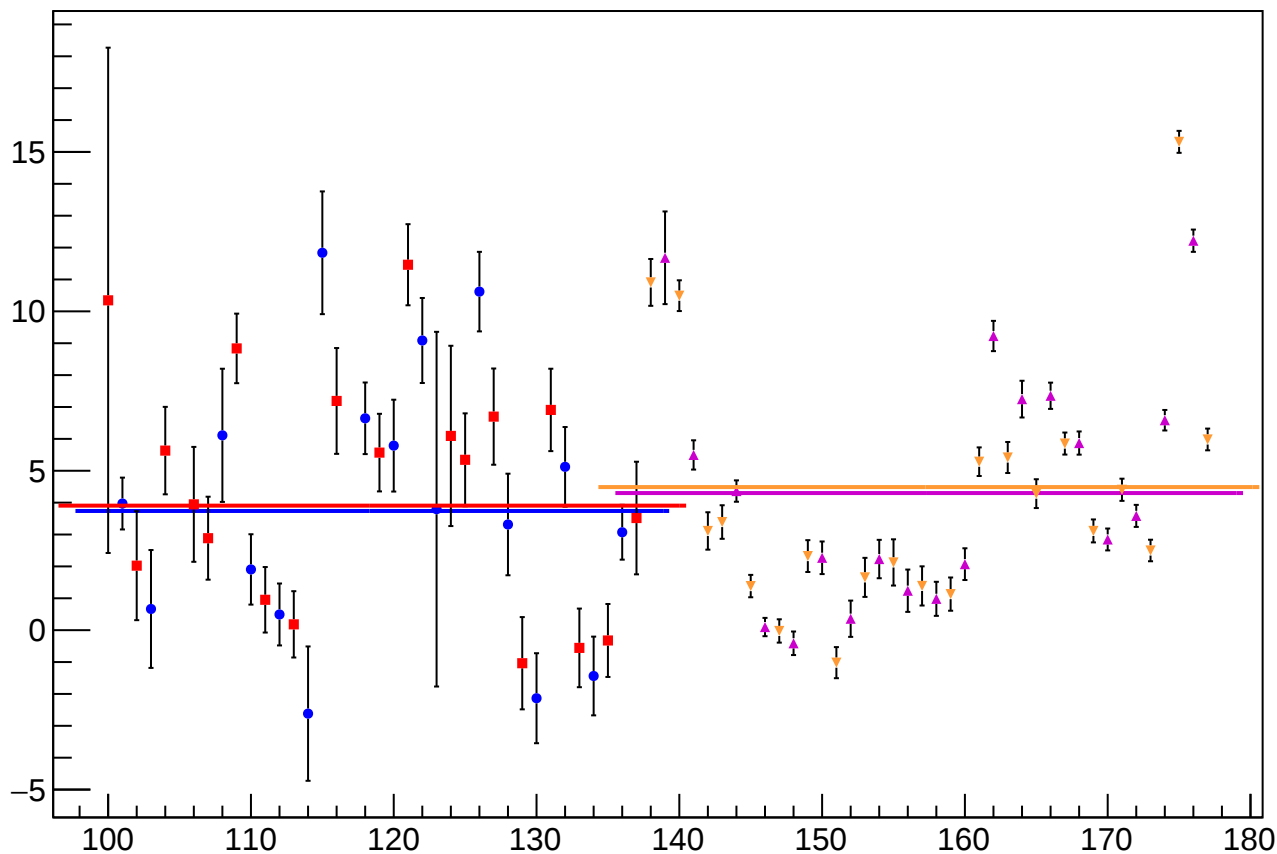
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -11.374+/-0.125 χ^2/NDF :4686.2/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.574+/-0.126 χ^2/NDF :4121.2/18

Left: -10.979+/-0.089 χ^2/NDF : 8827.7/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.574+/-0.126 χ^2/NDF :4121.2/18
 Out: -11.374+/-0.125 χ^2/NDF :4686.2/20

All: -10.979+/-0.089 χ^2/NDF : 8827.7/39

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: 4.301 ± 0.096 χ^2/NDF : 1358.7/18

Left: 4.396 ± 0.067 χ^2/NDF : 3156.0/39

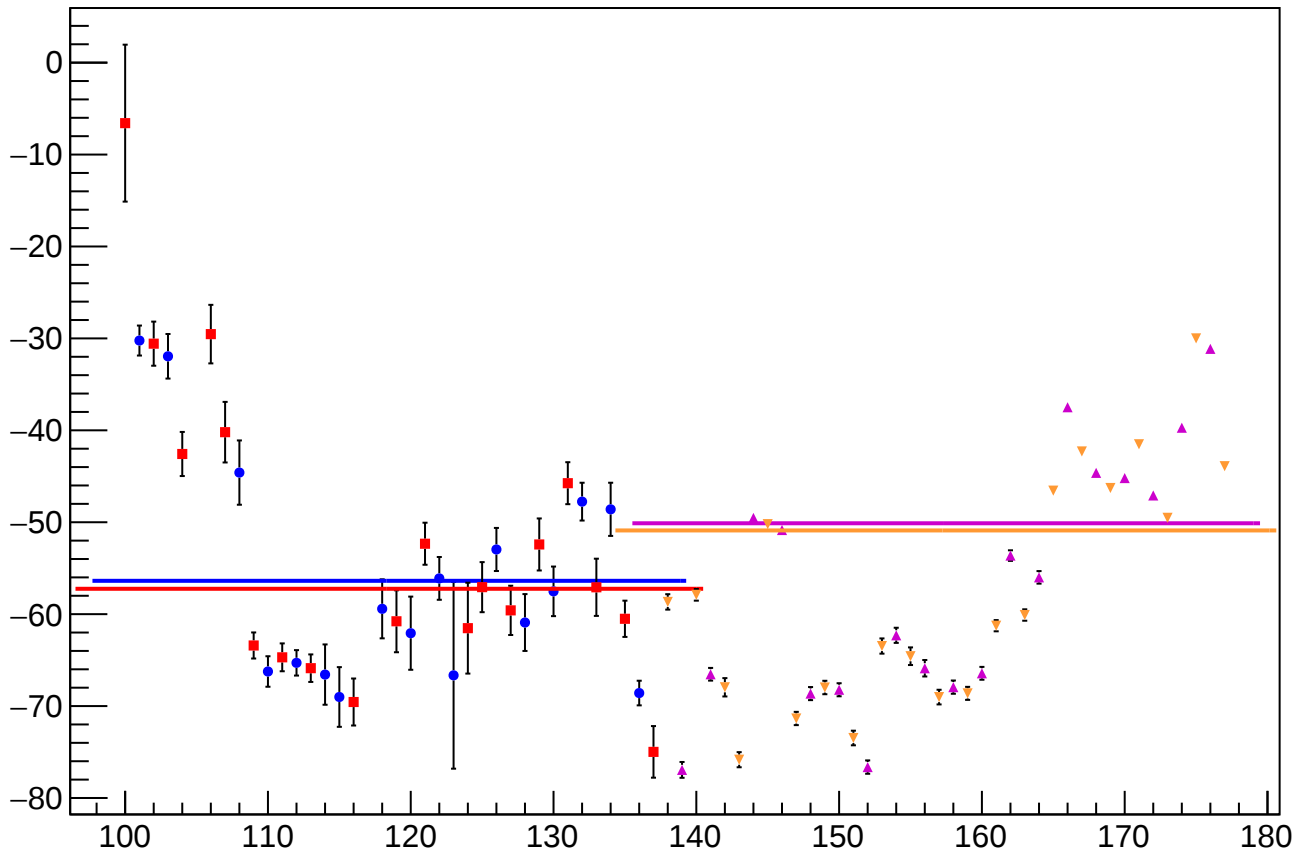
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 4.251 ± 0.092 χ^2/NDF : 1498.6/35

Out: 4.440 ± 0.091 χ^2/NDF : 1934.0/39

All: 4.347 ± 0.064 χ^2/NDF : 3434.7/75

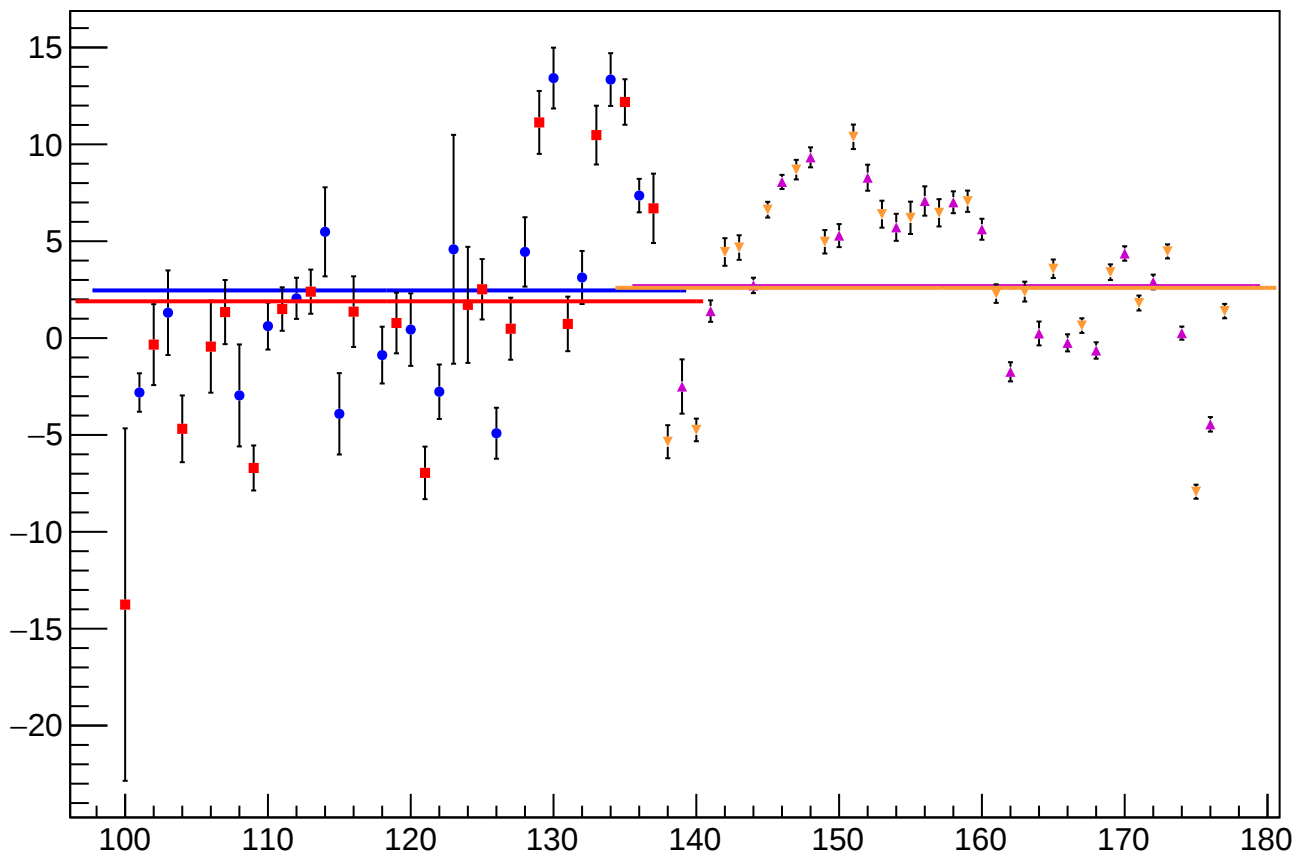
reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -50.112 ± 0.127 χ^2/NDF : 10256.7/18

Left: -50.507 ± 0.089 χ^2/NDF : 20561.4/39
 Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35
 In: -50.435 ± 0.123 χ^2/NDF : 10970.4/35
 Out: -51.220 ± 0.122 χ^2/NDF : 10894.8/39
 All: -50.832 ± 0.087 χ^2/NDF : 21885.7/75

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: 2.682 $\pm$ 0.109 χ^2 /NDF:1265.4/18

Left: 2.637 $\pm$ 0.076 χ^2 /NDF: 3007.2/39

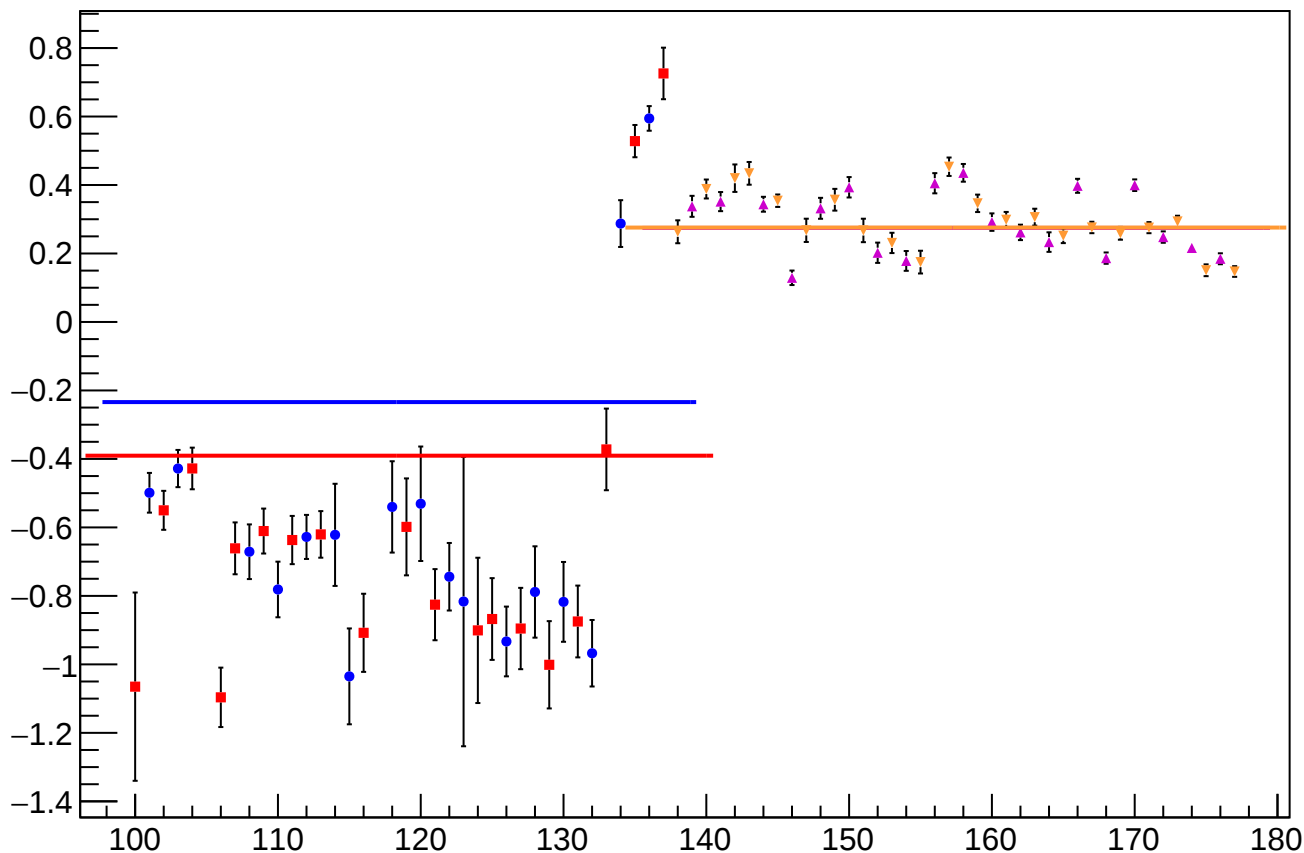
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 2.662 $\pm$ 0.104 χ^2 /NDF:1509.7/35

Out: 2.536 $\pm$ 0.102 χ^2 /NDF:2013.1/39

All: 2.598 $\pm$ 0.073 χ^2 /NDF: 3523.6/75

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: 0.275 ± 0.005 χ^2/NDF : 336.5/18

Left: 0.275 ± 0.003 χ^2/NDF : 602.4/39

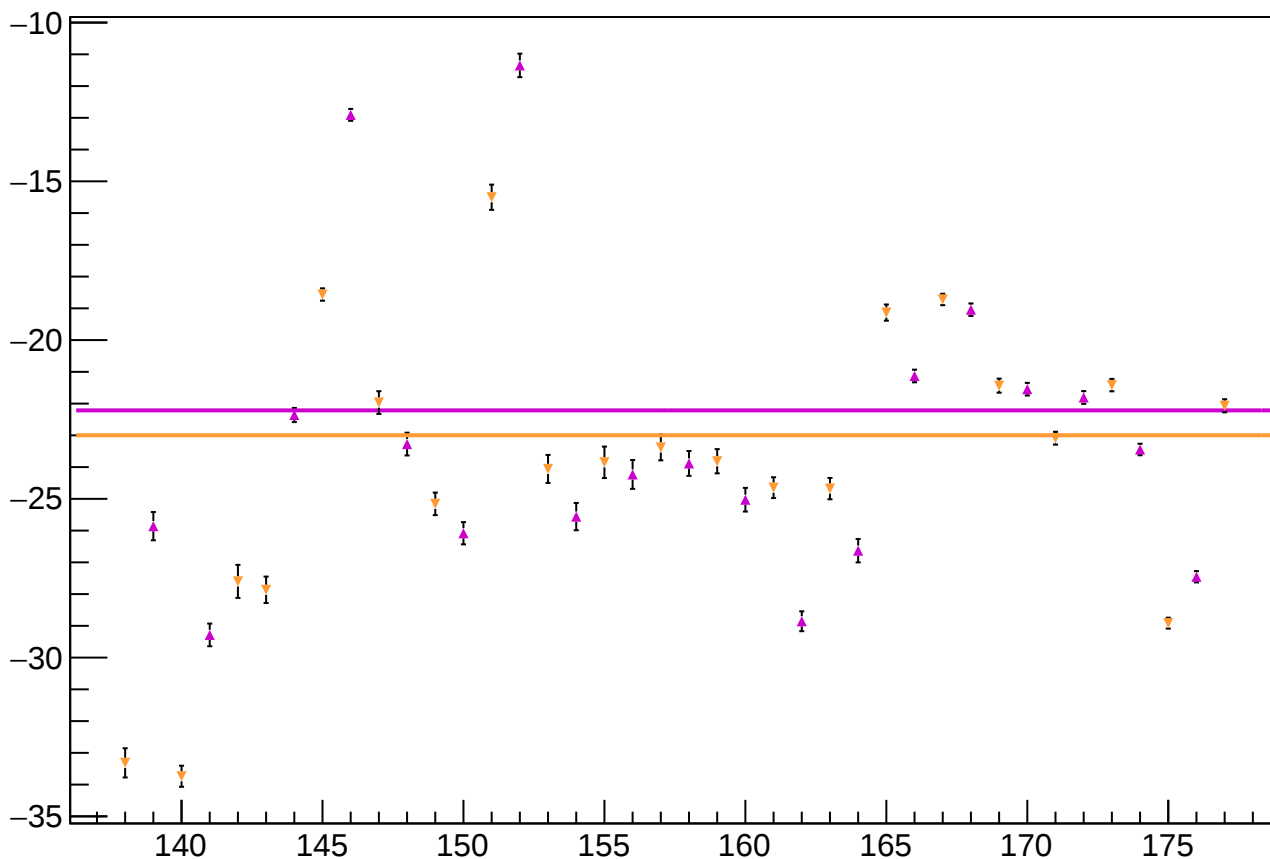
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.242 ± 0.005 χ^2/NDF : 1972.6/35

Out: 0.234 ± 0.005 χ^2/NDF : 2275.6/39

All: 0.238 ± 0.003 χ^2/NDF : 4249.7/75

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: -22.214+/-0.059 χ^2/NDF : 5890.7/18

Left: -22.604+/-0.042 χ^2/NDF : 10839.3/39

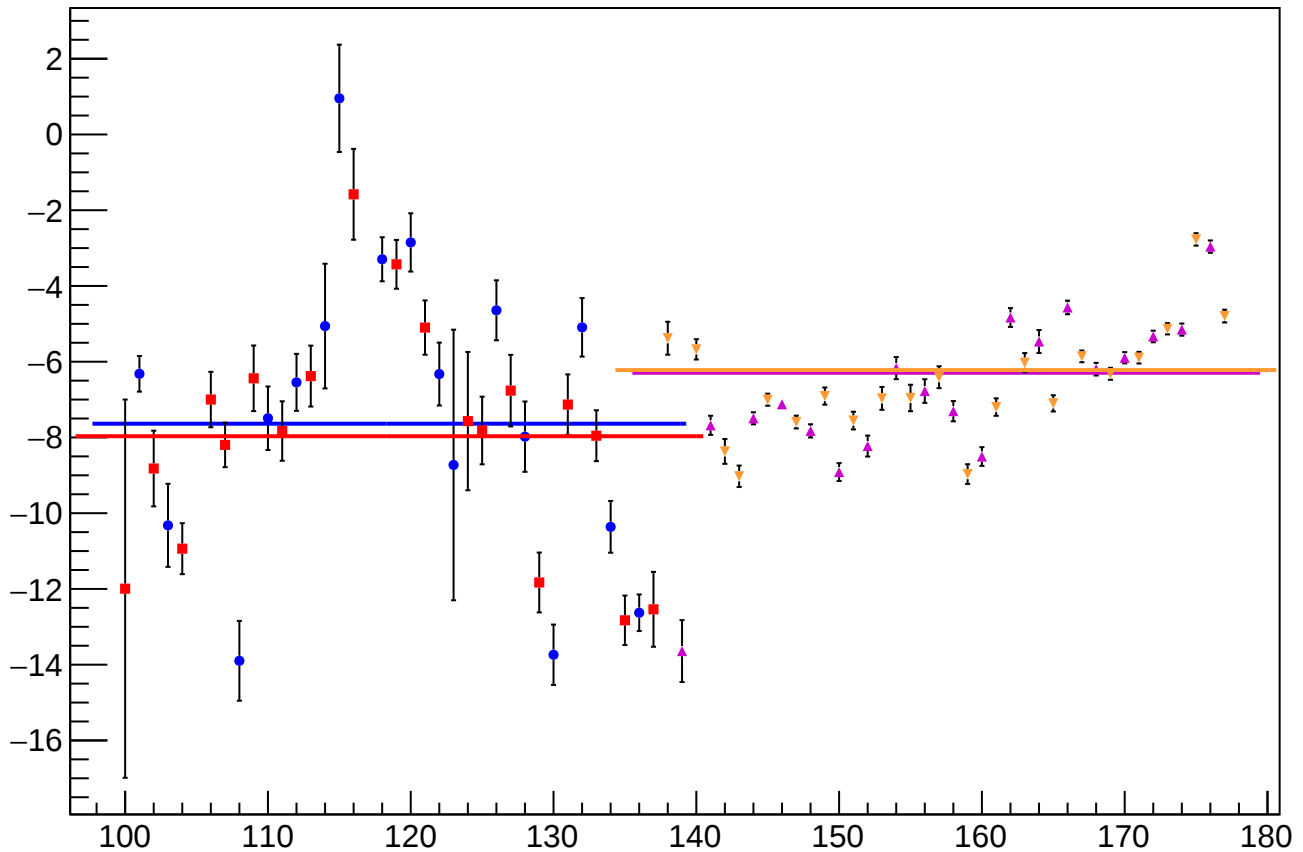
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.214+/-0.059 χ^2/NDF : 5890.7/18

Out: -22.997+/-0.059 χ^2/NDF : 4860.5/20

All: -22.604+/-0.042 χ^2/NDF : 10839.3/39

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: -6.291 ± 0.045 χ^2/NDF : 1215.3/18

Left: -6.256 ± 0.032 χ^2/NDF : 2229.4/39

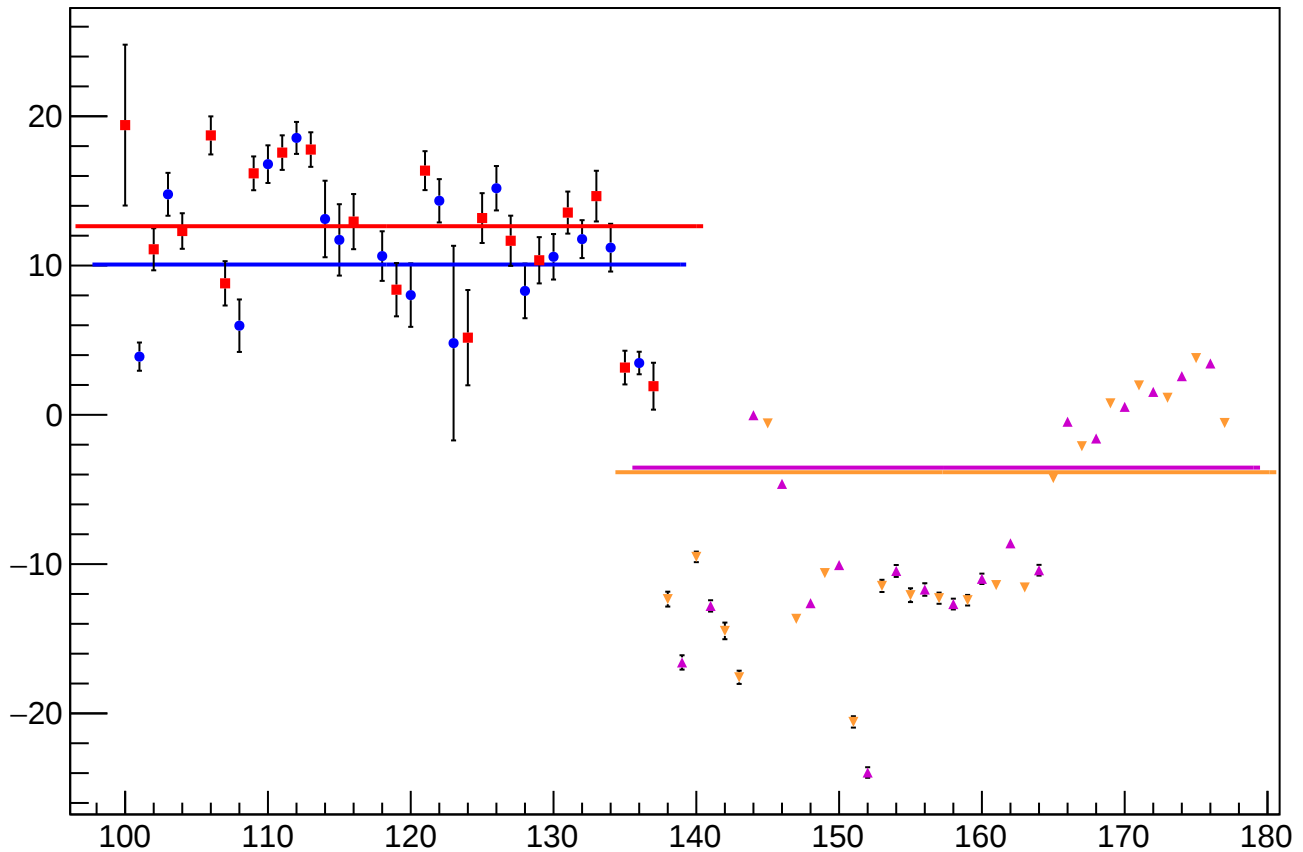
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -6.364 ± 0.043 χ^2/NDF : 1658.8/35

Out: -6.317 ± 0.044 χ^2/NDF : 1323.7/39

All: -6.341 ± 0.031 χ^2/NDF : 2983.0/75

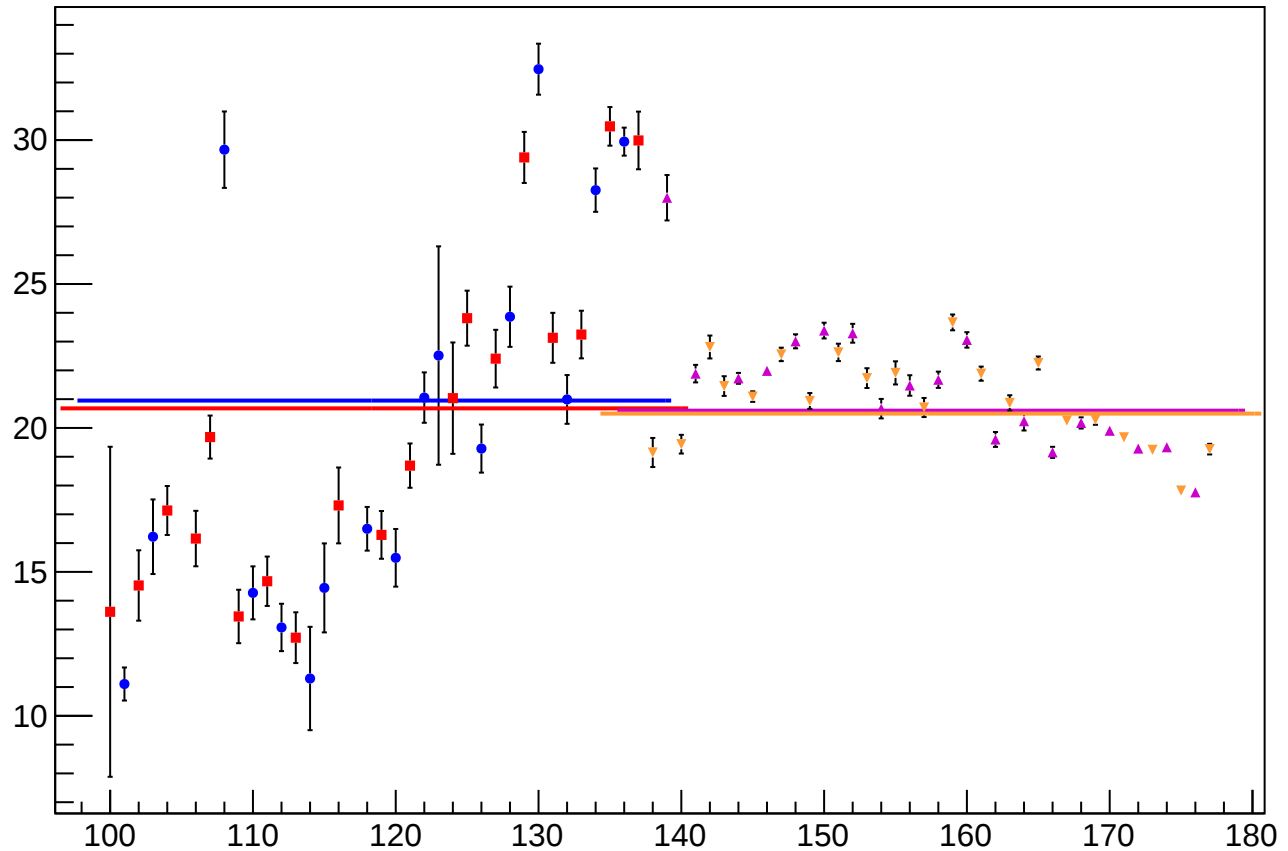
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -3.536 ± 0.059 $\chi^2/\text{NDF}: 12353.7/18$

Left: -3.690 ± 0.042 $\chi^2/\text{NDF}: 24769.1/39$
 Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$
 In: -3.134 ± 0.058 $\chi^2/\text{NDF}: 14184.8/35$
 Out: -3.338 ± 0.058 $\chi^2/\text{NDF}: 15003.7/39$
 All: -3.235 ± 0.041 $\chi^2/\text{NDF}: 29194.6/75$

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: 20.601 $\pm$ 0.051 χ^2 /NDF: 1078.3/18

Left: 20.550 $\pm$ 0.036 χ^2 /NDF: 1903.5/39

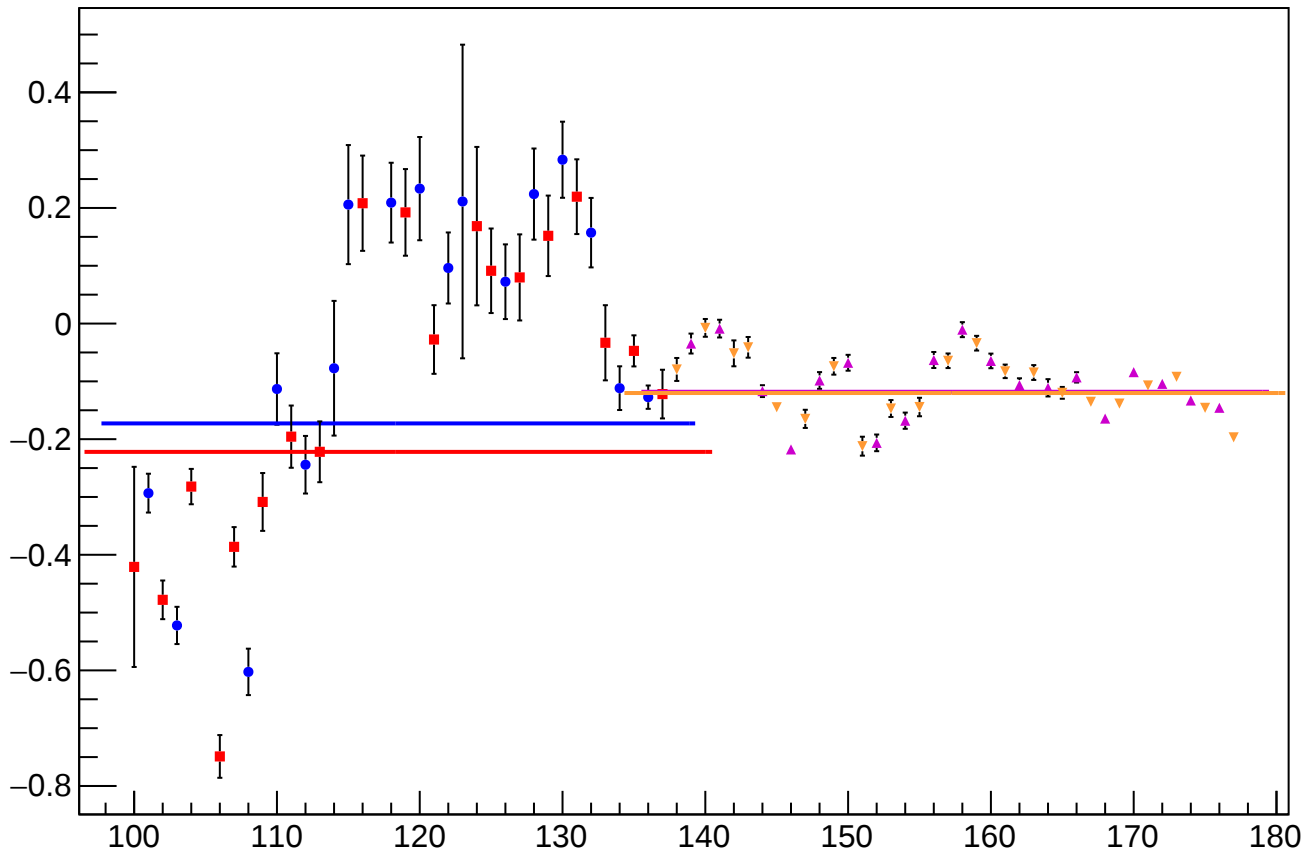
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 20.620 $\pm$ 0.049 χ^2 /NDF: 2303.7/35

Out: 20.508 $\pm$ 0.049 χ^2 /NDF: 1552.3/39

All: 20.564 $\pm$ 0.035 χ^2 /NDF: 3858.6/75

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: -0.118 ± 0.002 χ^2/NDF : 471.3/18

Left: -0.119 ± 0.002 χ^2/NDF : 841.6/39

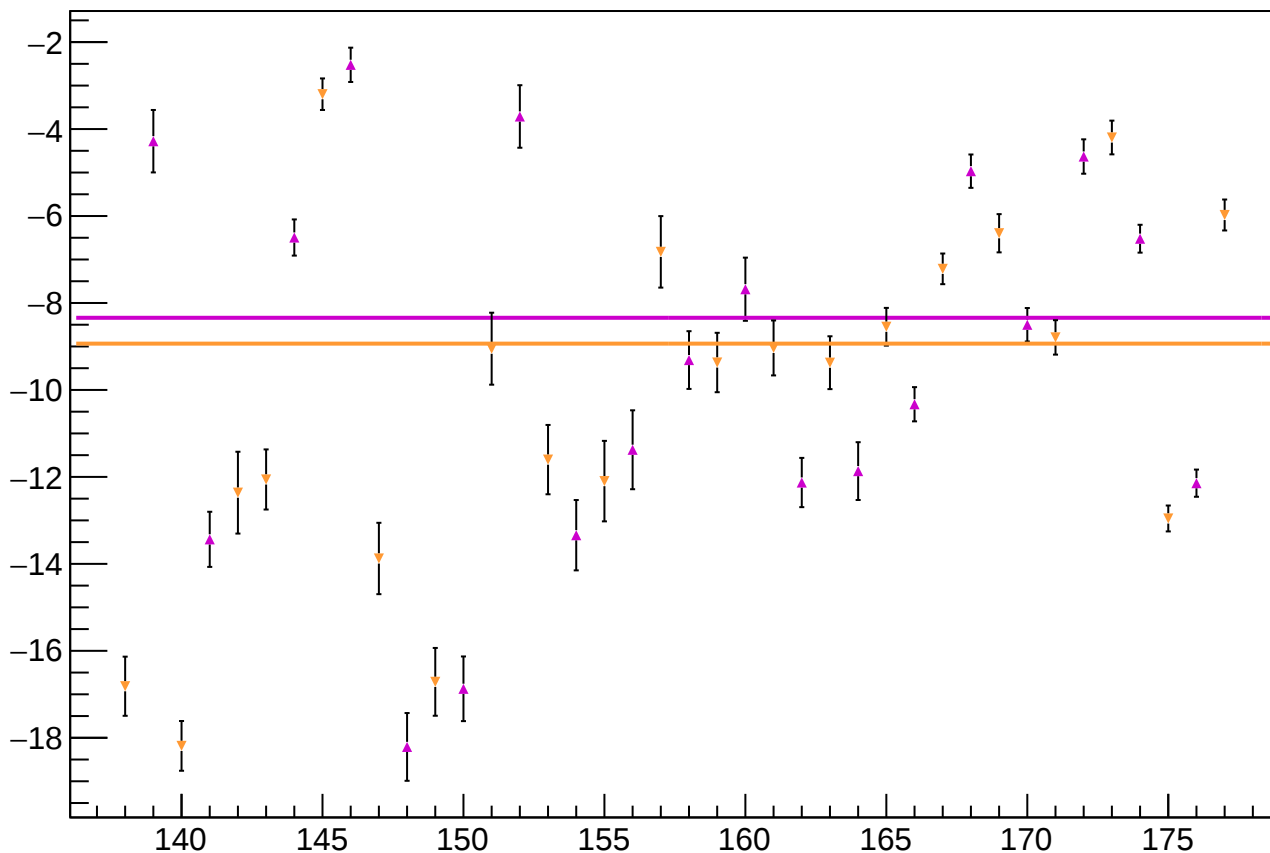
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.120 ± 0.002 χ^2/NDF : 954.5/35

Out: -0.125 ± 0.002 χ^2/NDF : 989.2/39

All: -0.122 ± 0.002 χ^2/NDF : 1945.5/75

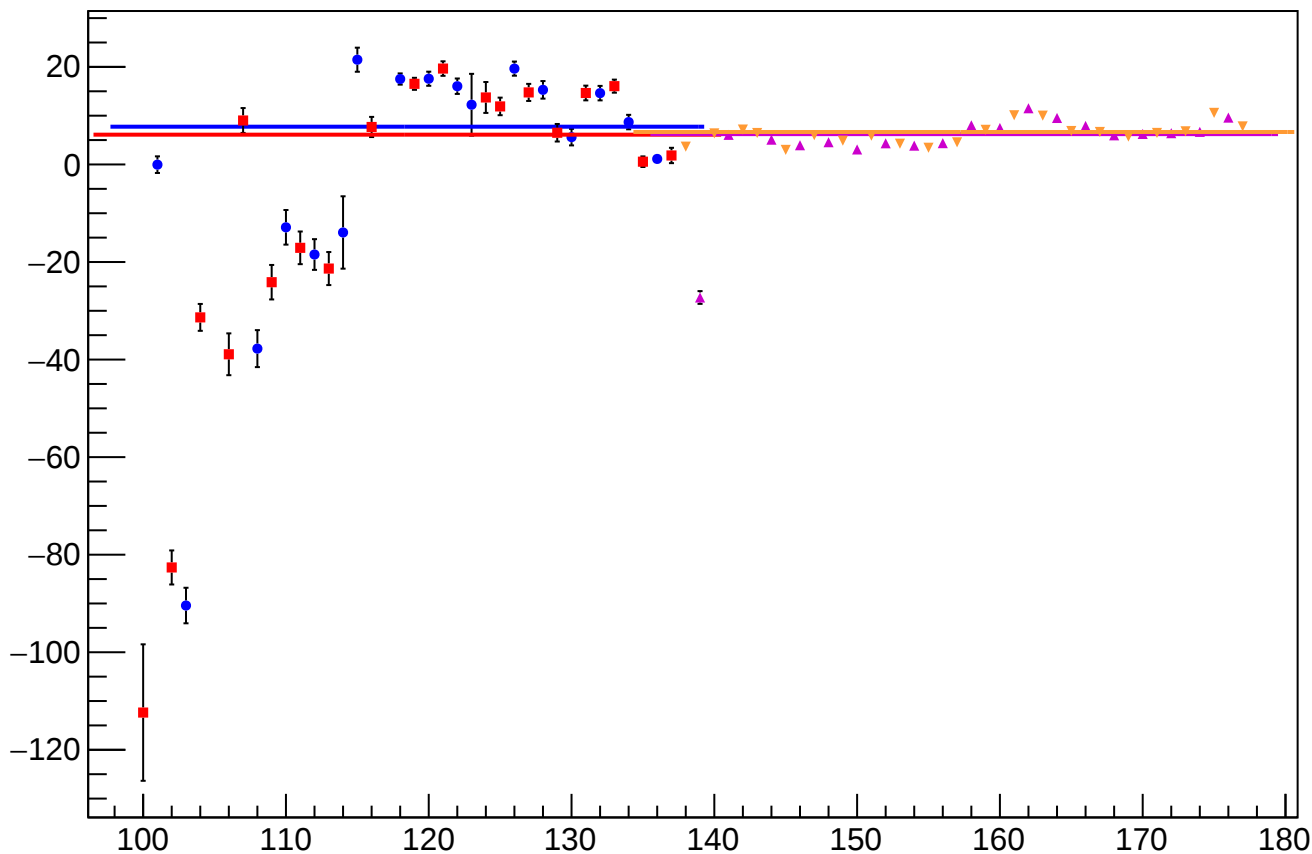
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.935+/-0.110 χ^2/NDF :1304.6/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.340+/-0.111 χ^2/NDF :1163.6/18

Left: -8.642+/-0.078 χ^2/NDF : 2482.6/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.340+/-0.111 χ^2/NDF :1163.6/18
 Out: -8.935+/-0.110 χ^2/NDF :1304.6/20
 All: -8.642+/-0.078 χ^2/NDF : 2482.6/39

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 6.656 ± 0.085 χ^2/NDF : 588.9/20

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 6.217 ± 0.086 χ^2/NDF : 1215.0/18

Left: 6.439 ± 0.060 χ^2/NDF : 1817.2/39

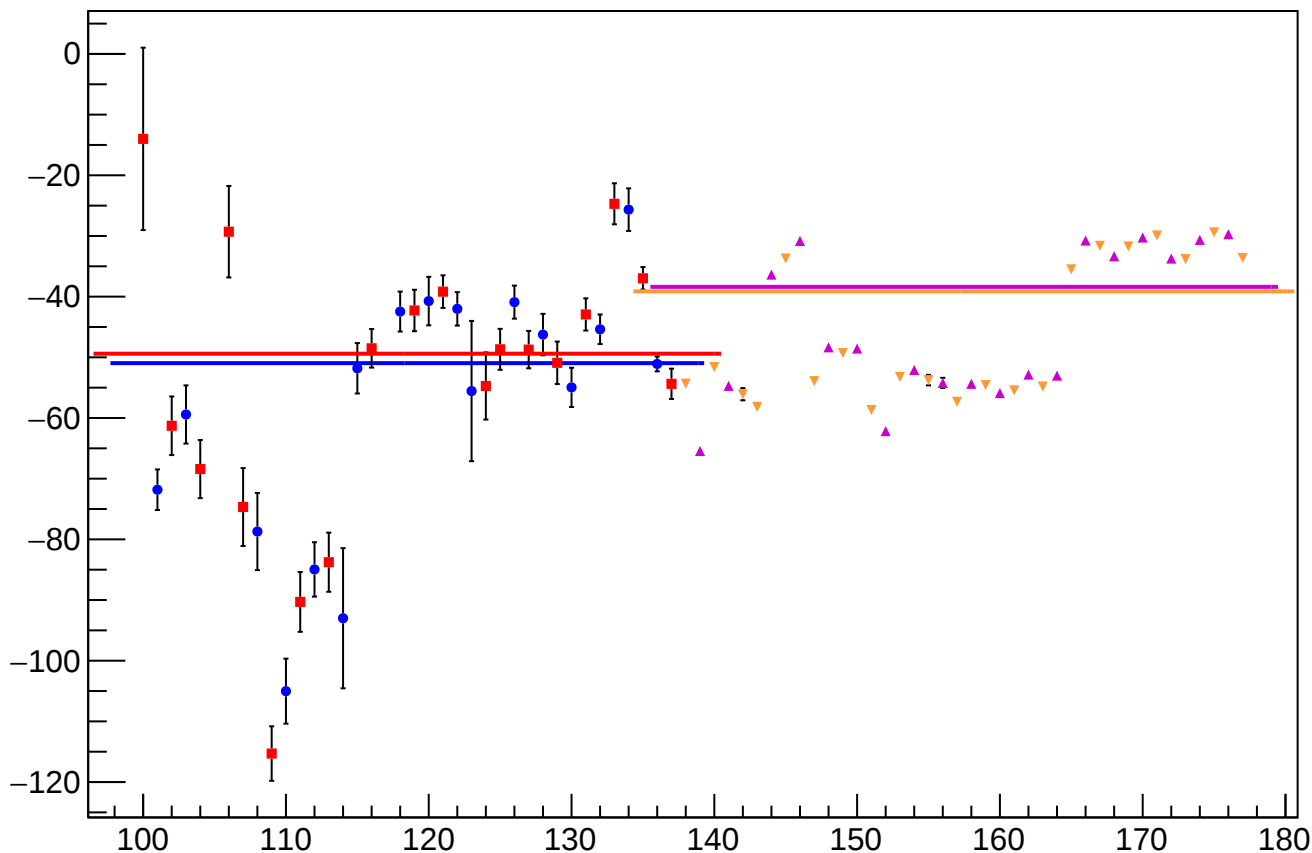
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 6.283 ± 0.084 χ^2/NDF : 2587.6/35

Out: 6.635 ± 0.083 χ^2/NDF : 2108.2/39

All: 6.461 ± 0.059 χ^2/NDF : 4704.7/75

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: -38.385 ± 0.112 χ^2/NDF : 9457.6/18

Left: -38.761 ± 0.079 χ^2/NDF : 18709.7/39

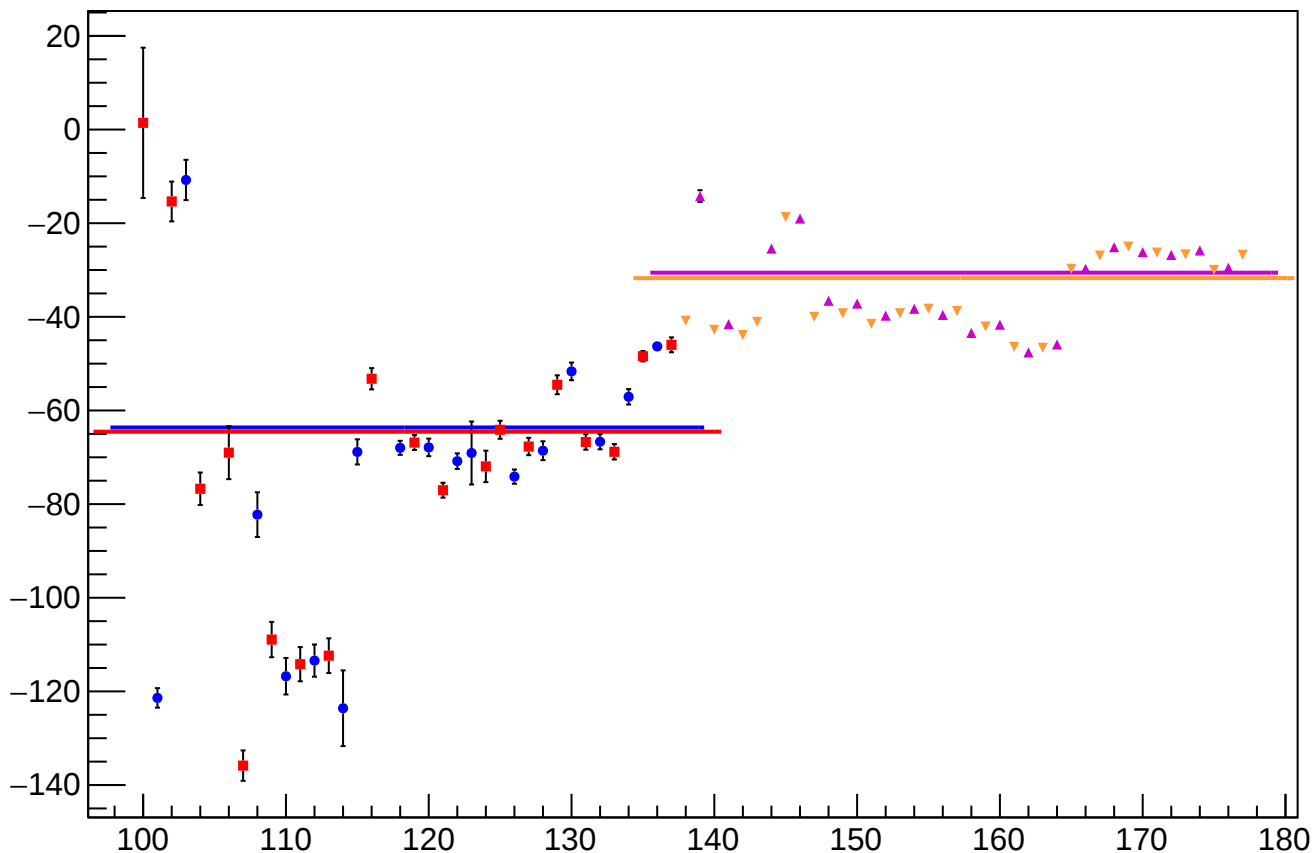
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -38.666 ± 0.110 χ^2/NDF : 10073.0/35

Out: -39.321 ± 0.109 χ^2/NDF : 9904.9/39

All: -38.997 ± 0.078 χ^2/NDF : 19995.6/75

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: -30.568 ± 0.097 χ^2/NDF : 6893.1/18

Left: -31.163 ± 0.068 χ^2/NDF : 14301.0/39

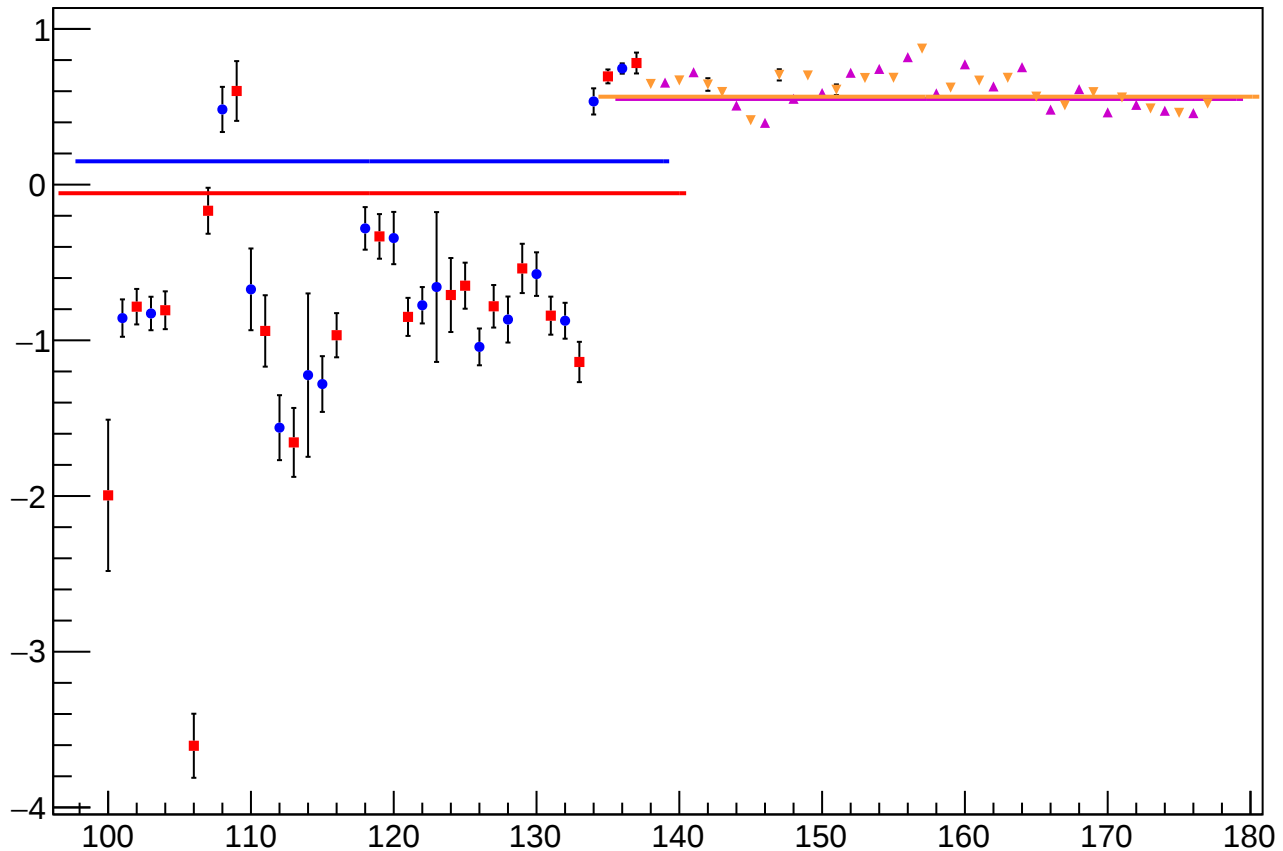
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -32.063 ± 0.095 χ^2/NDF : 14155.1/35

Out: -32.957 ± 0.093 χ^2/NDF : 13403.7/39

All: -32.518 ± 0.066 χ^2/NDF : 27604.1/75

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16

Left Out: 0.565 ± 0.004 χ^2/NDF : 507.6/20

Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18

Left In: 0.550 ± 0.004 χ^2/NDF : 634.0/18

Left: 0.558 ± 0.003 χ^2/NDF : 1147.1/39

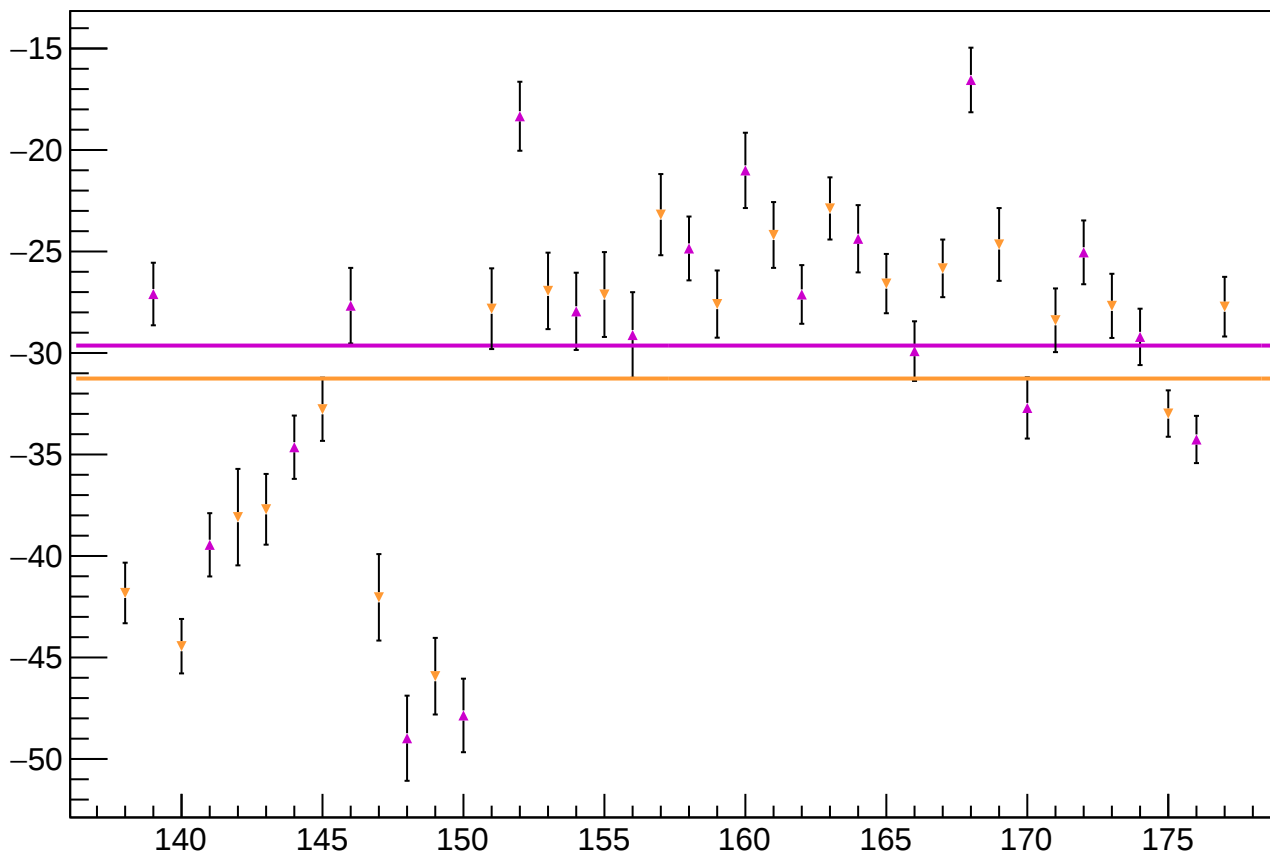
Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35

In: 0.537 ± 0.004 χ^2/NDF : 1892.8/35

Out: 0.548 ± 0.004 χ^2/NDF : 2223.0/39

All: 0.543 ± 0.003 χ^2/NDF : 4119.0/75

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.259 +/- 0.355 χ^2/NDF : 392.9/20

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

Left In: -29.634 +/- 0.367 χ^2/NDF : 425.3/18

Left: -30.474 +/- 0.255 χ^2/NDF : 828.3/39

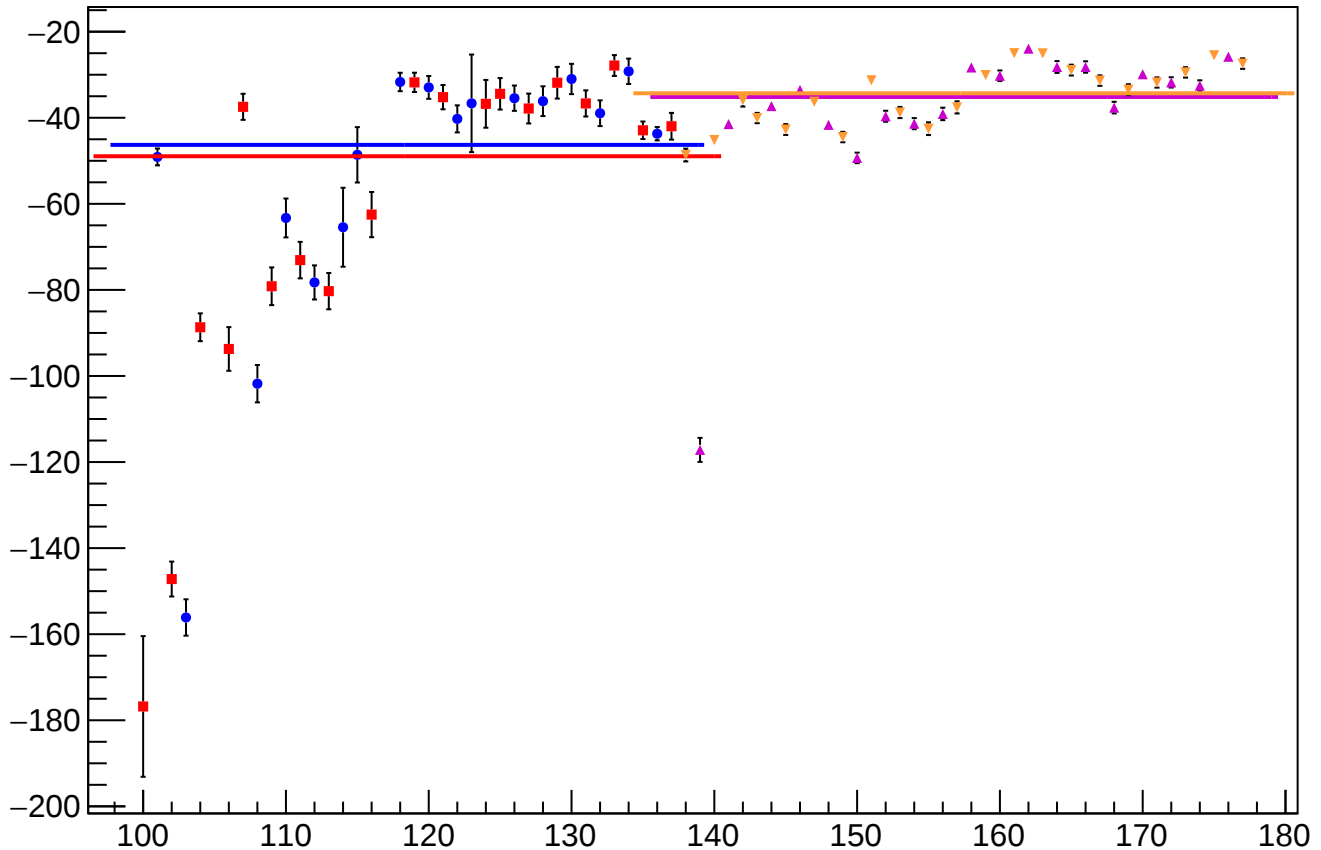
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -29.634 +/- 0.367 χ^2/NDF : 425.3/18

Out: -31.259 +/- 0.355 χ^2/NDF : 392.9/20

All: -30.474 +/- 0.255 χ^2/NDF : 828.3/39

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: -35.165 ± 0.280 $\chi^2/\text{NDF}: 1433.5/18$

Left: -34.717 ± 0.193 $\chi^2/\text{NDF}: 2113.7/39$

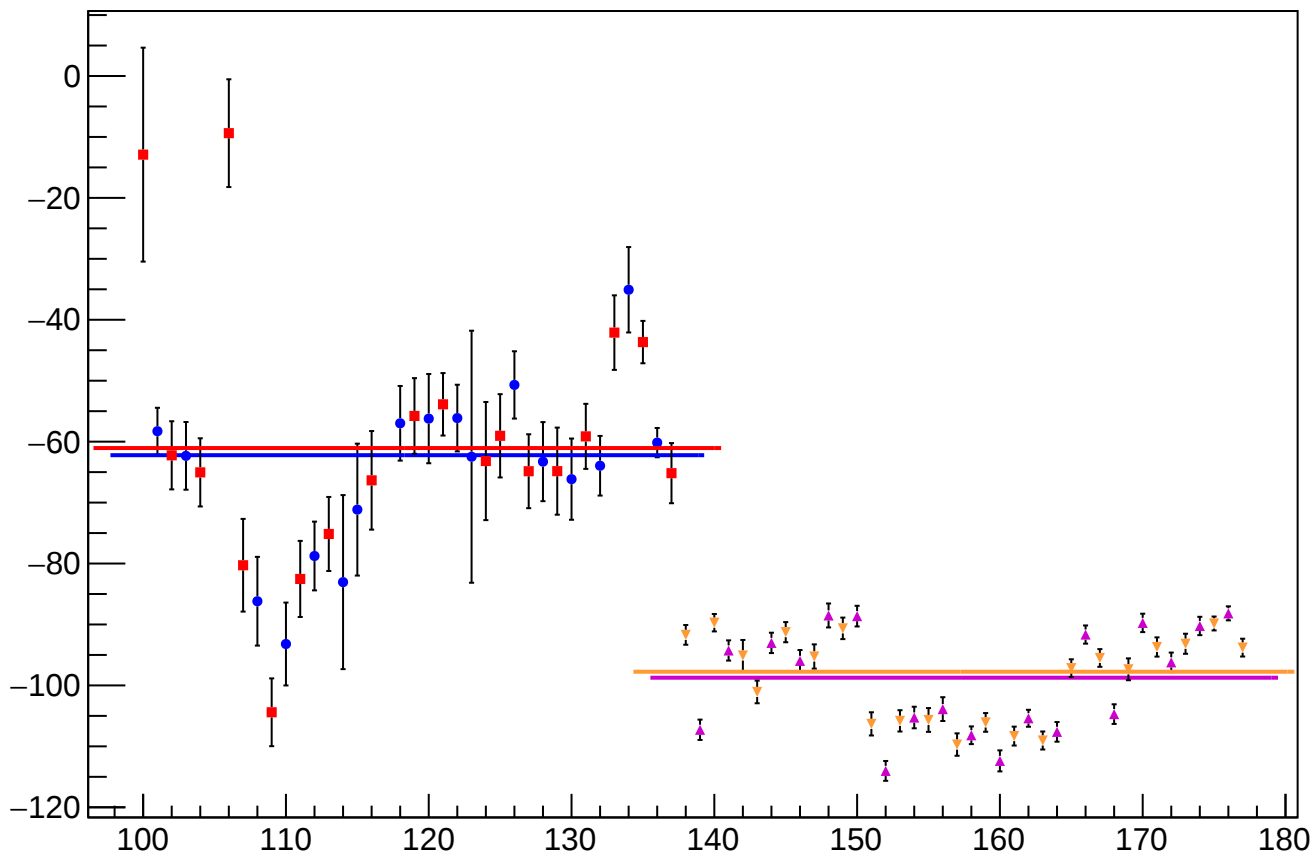
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -36.618 ± 0.261 $\chi^2/\text{NDF}: 2723.5/35$

Out: -35.905 ± 0.252 $\chi^2/\text{NDF}: 2277.2/39$

All: -36.248 ± 0.181 $\chi^2/\text{NDF}: 5004.5/75$

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: -98.735 ± 0.364 χ^2/NDF : 567.1/18

Left: -98.230 ± 0.254 χ^2/NDF : 960.8/39

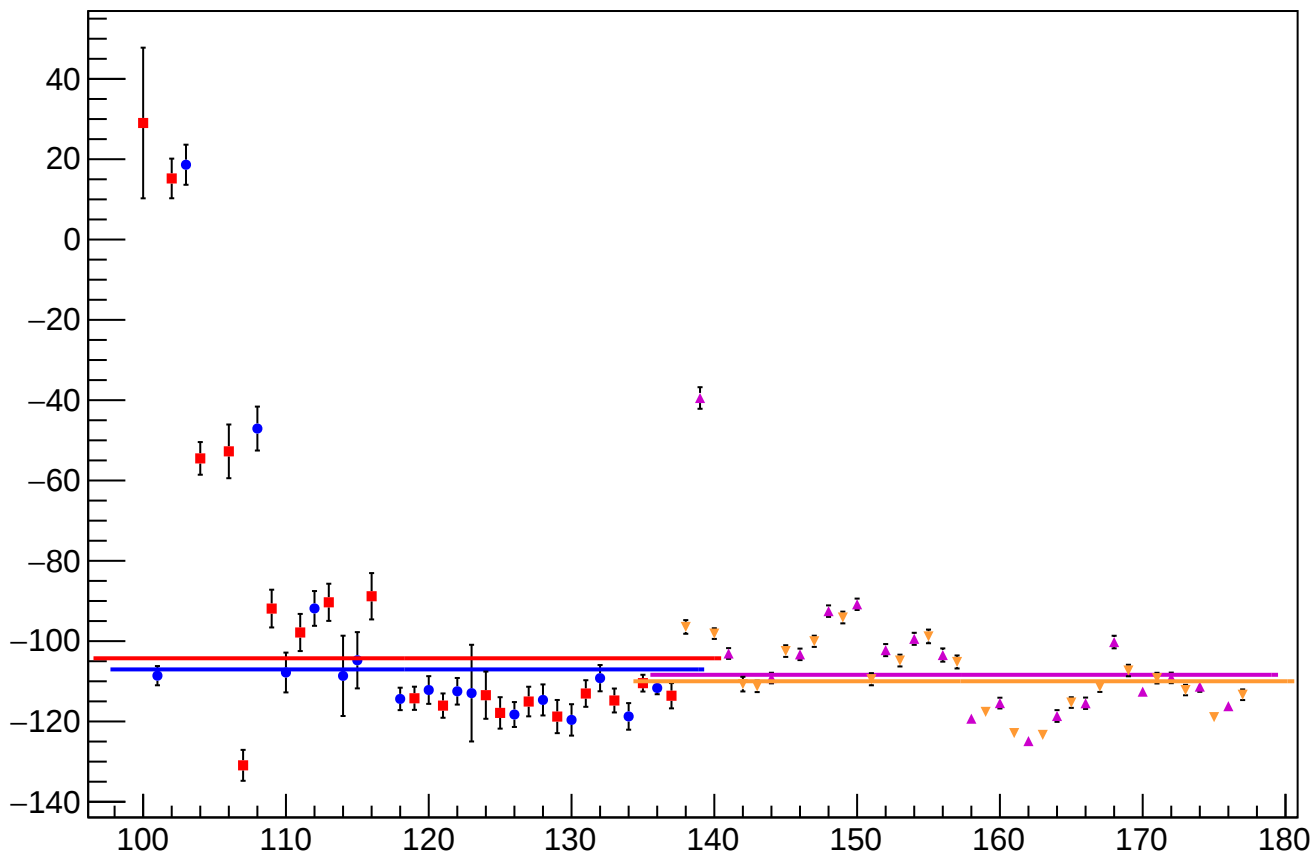
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -96.118 ± 0.351 χ^2/NDF : 1353.8/35

Out: -95.484 ± 0.343 χ^2/NDF : 1220.9/39

All: -95.793 ± 0.245 χ^2/NDF : 2576.4/75

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -109.989 ± 0.303 $\chi^2/\text{NDF}: 766.7/20$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -108.382 ± 0.317 $\chi^2/\text{NDF}: 1494.0/18$

Left: -109.222 ± 0.219 $\chi^2/\text{NDF}: 2274.2/39$

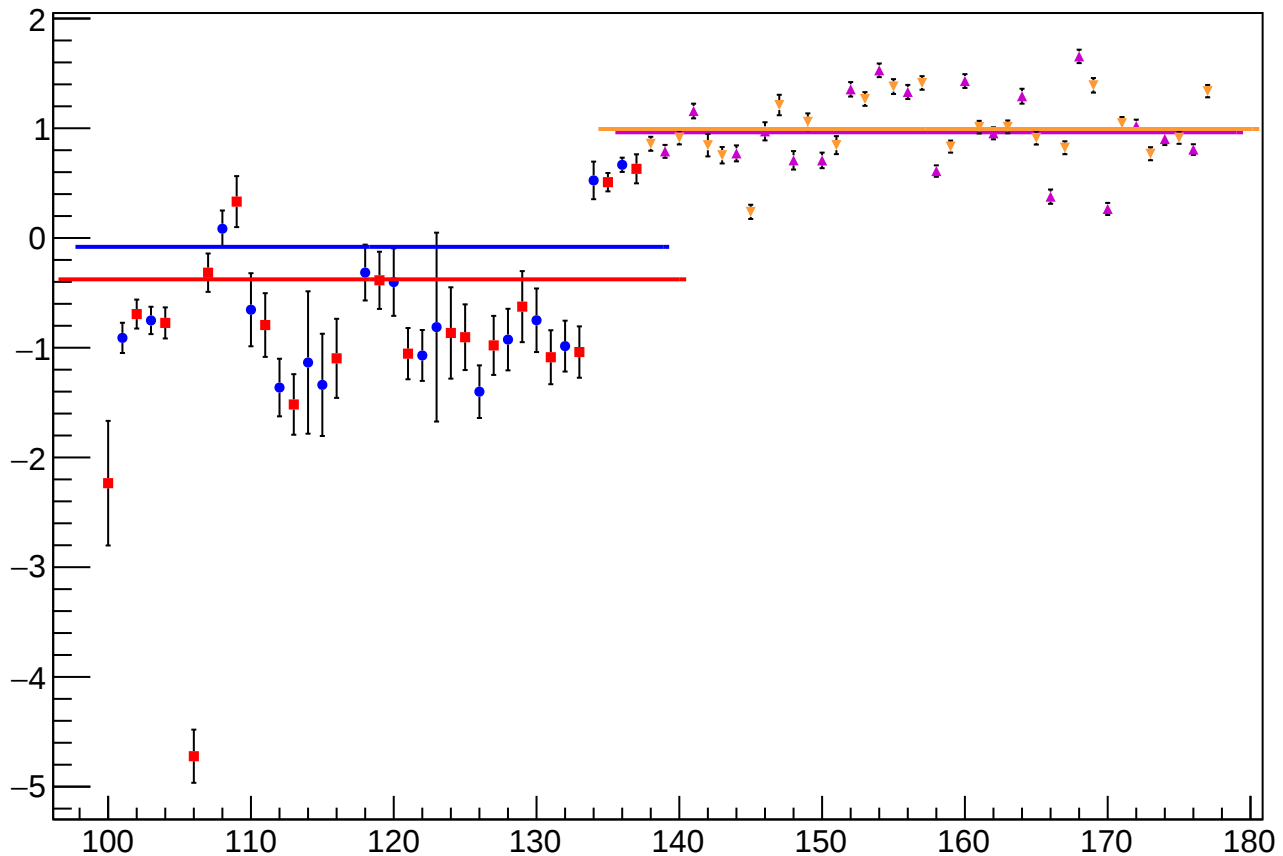
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -108.205 ± 0.295 $\chi^2/\text{NDF}: 2324.3/35$

Out: -109.358 ± 0.285 $\chi^2/\text{NDF}: 1824.1/39$

All: -108.801 ± 0.205 $\chi^2/\text{NDF}: 4156.3/75$

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: 0.963 ± 0.014 χ^2/NDF : 703.1/18

Left: 0.979 ± 0.010 χ^2/NDF : 1076.1/39

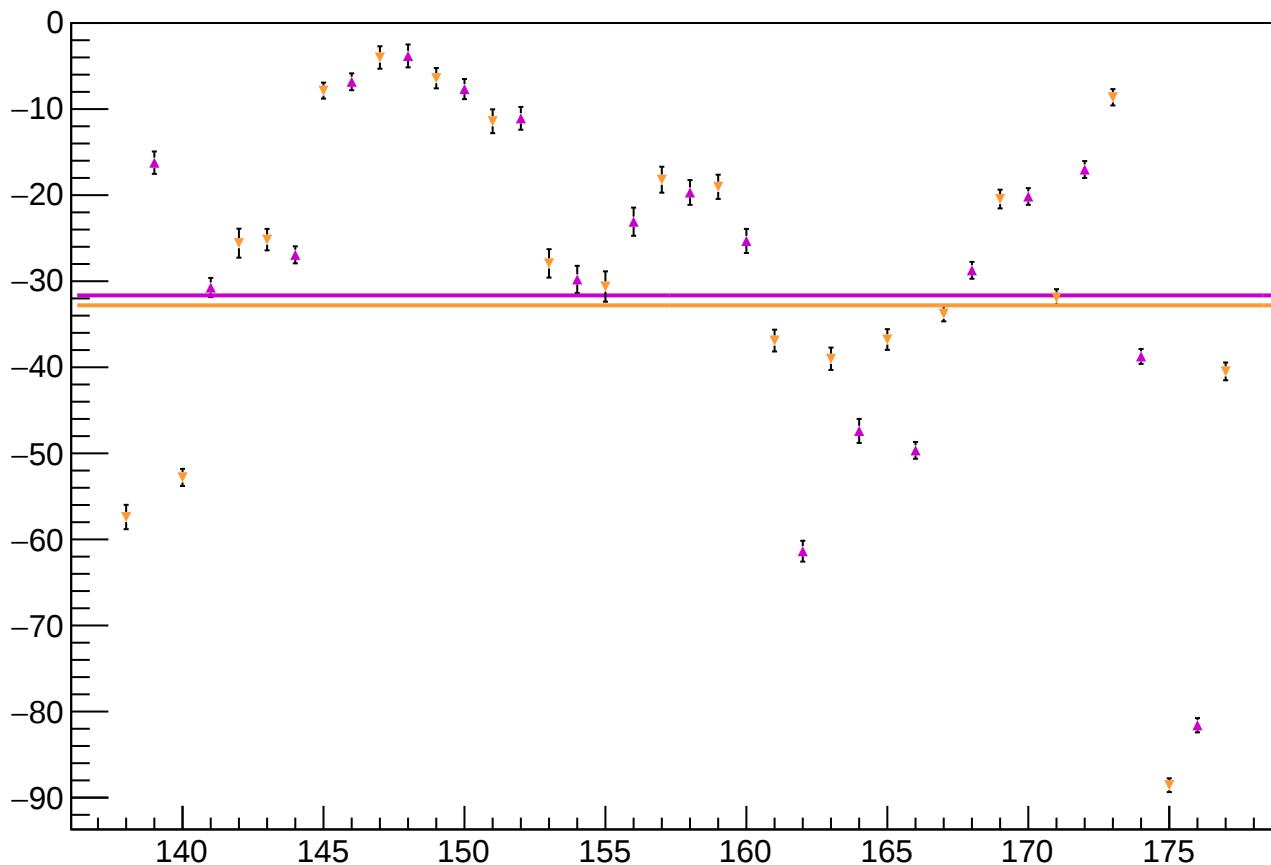
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.857 ± 0.013 χ^2/NDF : 1582.1/35

Out: 0.868 ± 0.013 χ^2/NDF : 1840.1/39

All: 0.862 ± 0.009 χ^2/NDF : 3422.4/75

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: -31.648+/-0.256 χ^2/NDF : 7143.1/18

Left: -32.235+/-0.179 χ^2/NDF : 15796.5/39

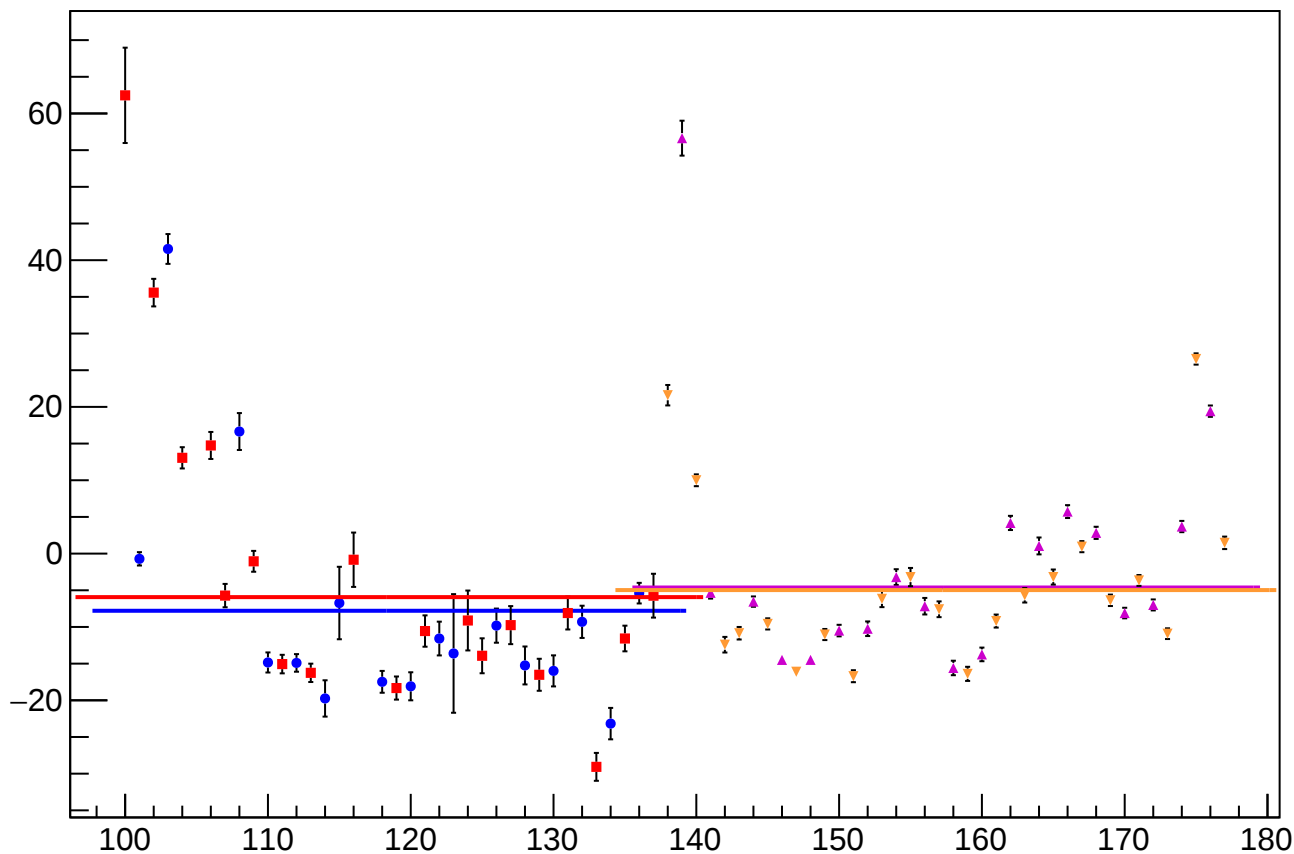
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.648+/-0.256 χ^2/NDF : 7143.1/18

Out: -32.801+/-0.251 χ^2/NDF : 8643.1/20

All: -32.235+/-0.179 χ^2/NDF : 15796.5/39

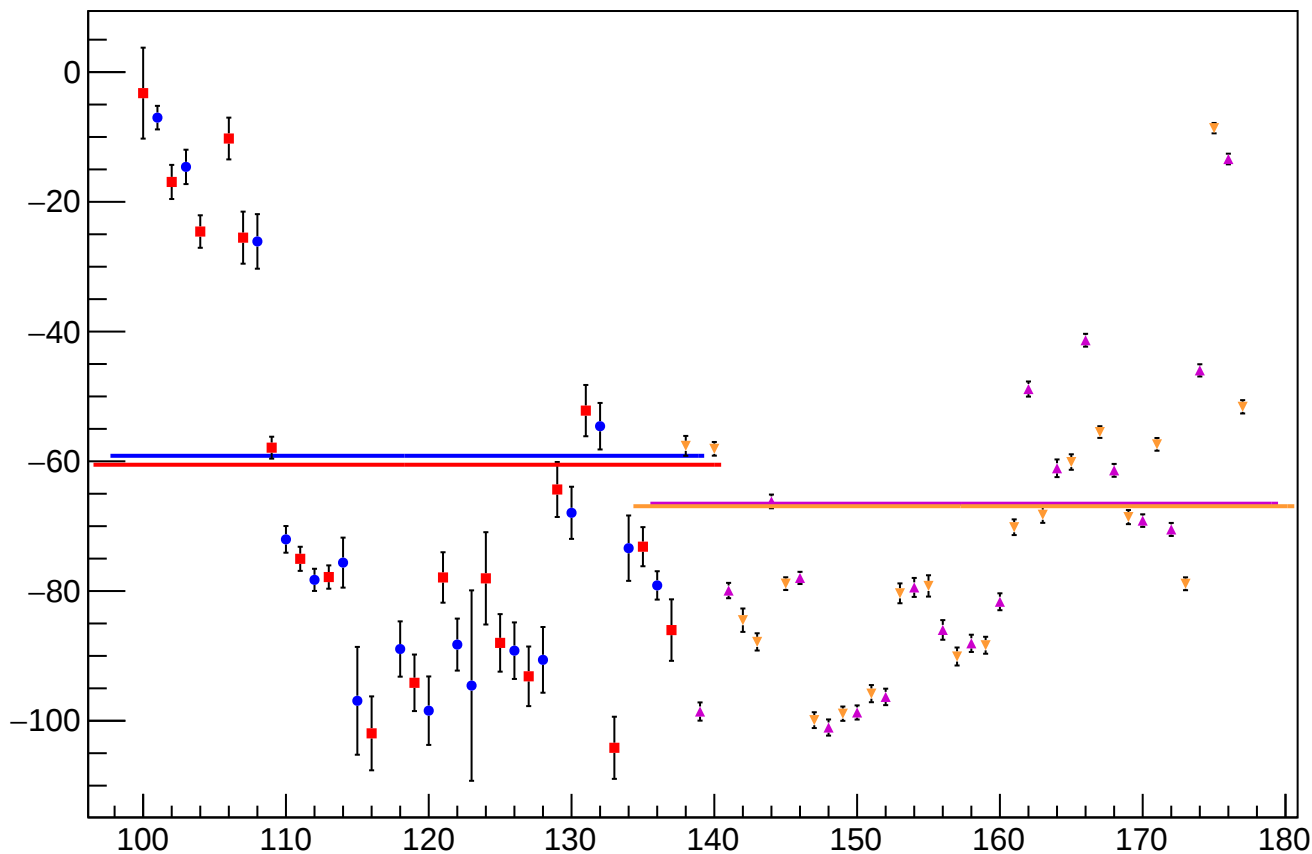
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -4.622 ± 0.193 χ^2/NDF : 2917.6/18

Left: -4.803 ± 0.134 χ^2/NDF : 6396.1/39
 Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35
 In: -5.157 ± 0.176 χ^2/NDF : 3946.0/35
 Out: -5.127 ± 0.171 χ^2/NDF : 4775.1/39
 All: -5.141 ± 0.123 χ^2/NDF : 8721.2/75

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: -66.536 ± 0.255 χ^2/NDF : 9209.7/18

Left: -66.732 ± 0.179 χ^2/NDF : 18502.1/39

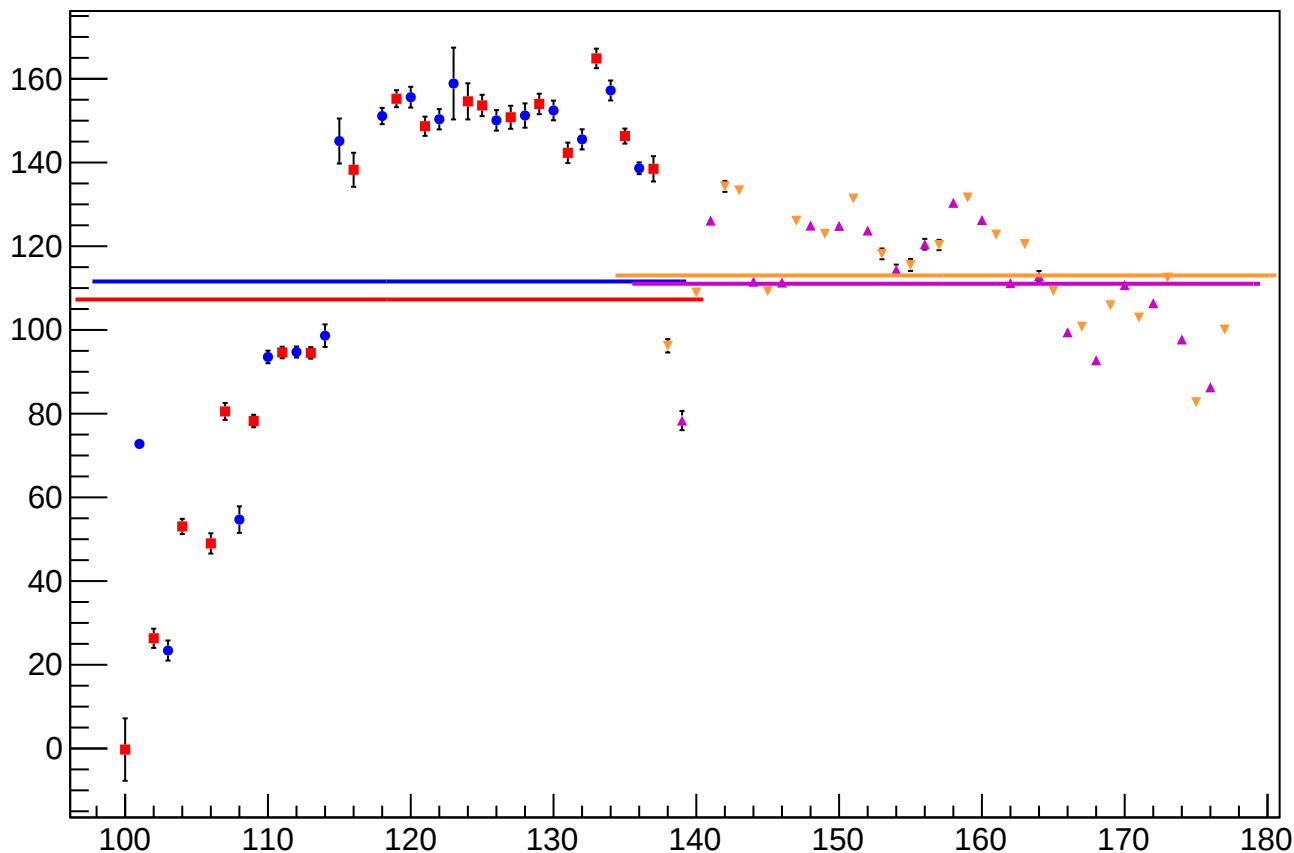
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -65.762 ± 0.241 χ^2/NDF : 11016.0/35

Out: -66.200 ± 0.237 χ^2/NDF : 10749.6/39

All: -65.985 ± 0.169 χ^2/NDF : 21767.2/75

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 113.021 $\pm$ 0.214 χ^2 /NDF: 4062.8/20

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 111.036 $\pm$ 0.220 χ^2 /NDF: 3372.3/18

Left: 112.058 $\pm$ 0.153 χ^2 /NDF: 7477.0/39

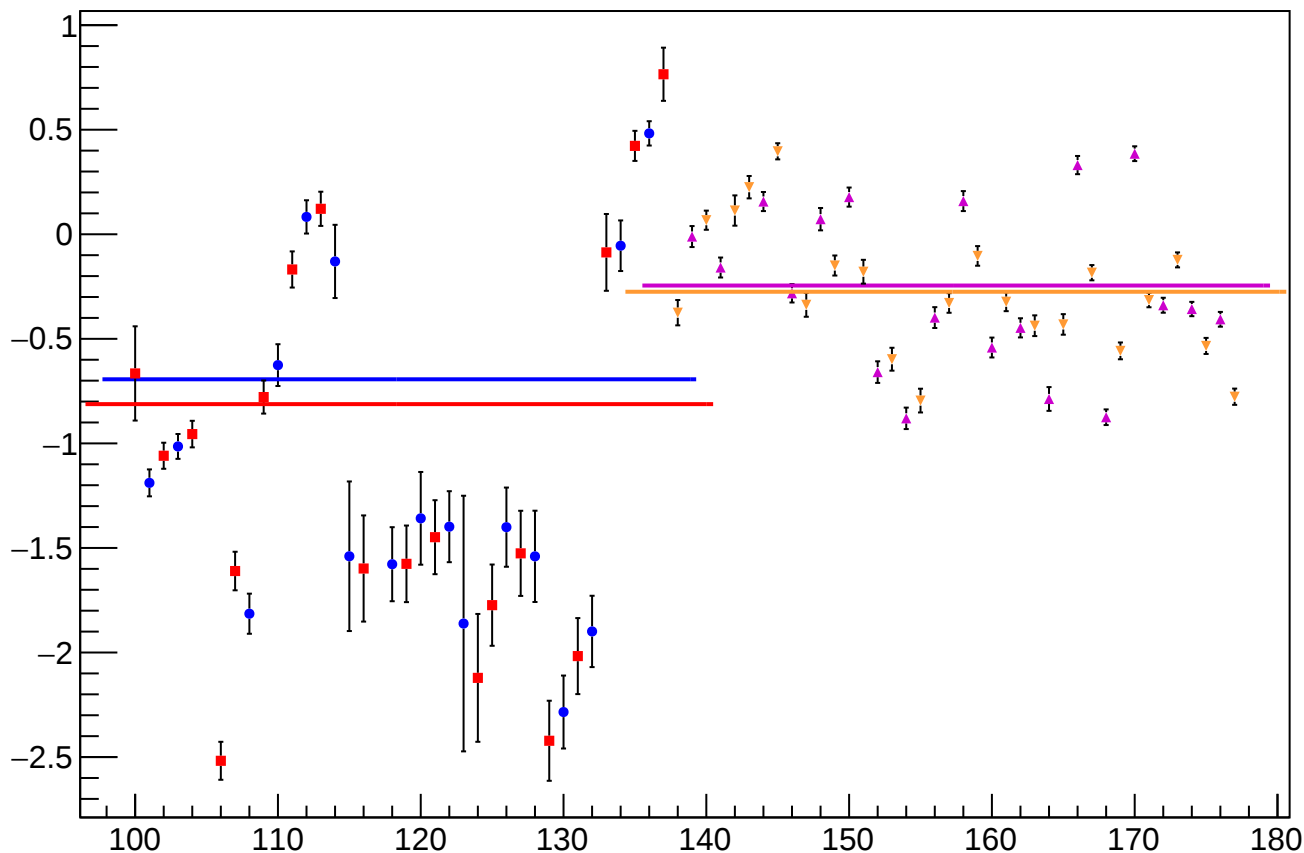
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 111.128 $\pm$ 0.201 χ^2 /NDF: 9319.2/35

Out: 112.096 $\pm$ 0.196 χ^2 /NDF: 11224.3/39

All: 111.624 $\pm$ 0.140 χ^2 /NDF: 20555.5/75

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: -0.245 ± 0.010 χ^2/NDF : 1486.5/18

Left: -0.260 ± 0.007 χ^2/NDF : 2422.0/39

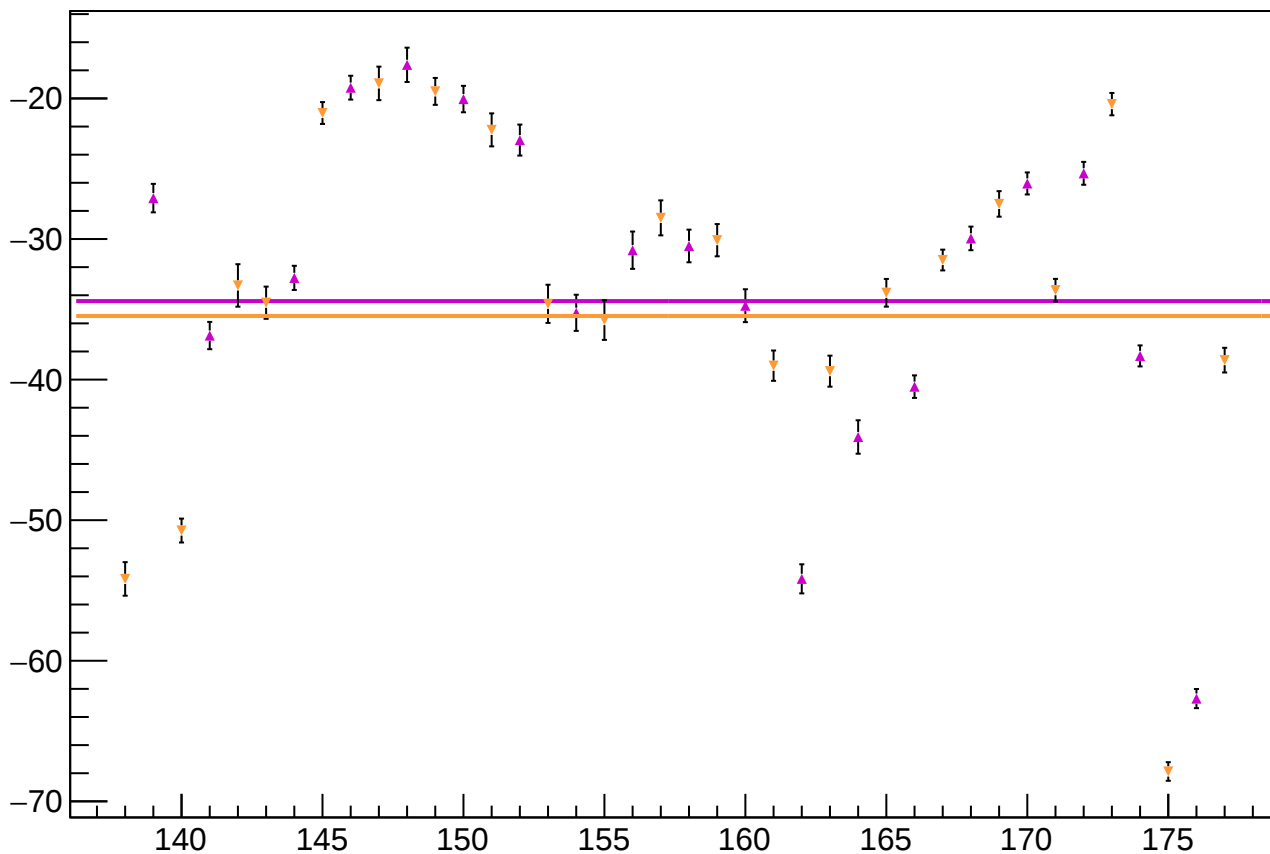
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.304 ± 0.009 χ^2/NDF : 2739.6/35

Out: -0.351 ± 0.009 χ^2/NDF : 2658.6/39

All: -0.328 ± 0.007 χ^2/NDF : 5411.2/75

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: -34.413+/-0.214 χ^2/NDF : 3440.3/18

Left: -34.951+/-0.151 χ^2/NDF : 7923.4/39

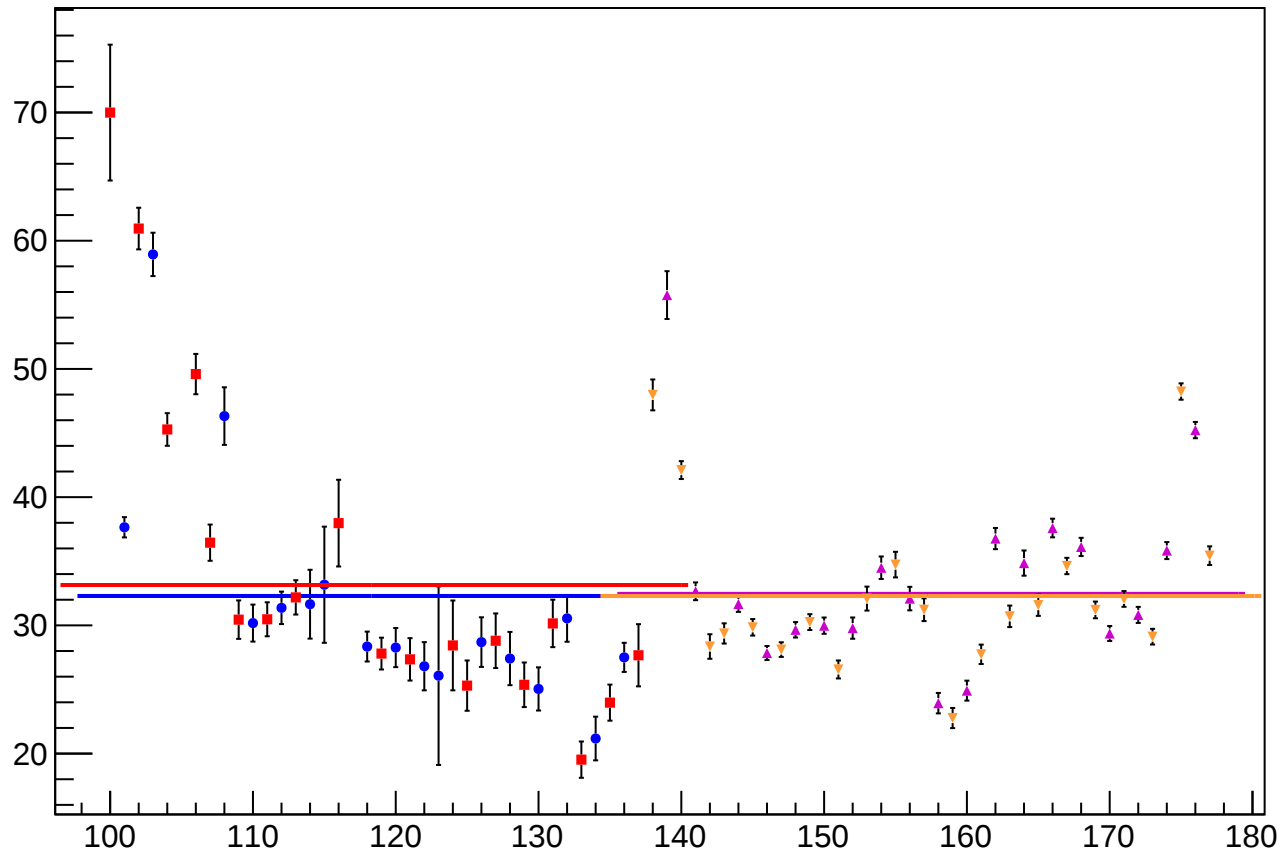
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.413+/-0.214 χ^2/NDF : 3440.3/18

Out: -35.474+/-0.211 χ^2/NDF : 4470.7/20

All: -34.951+/-0.151 χ^2/NDF : 7923.4/39

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: 32.458 ± 0.164 $\chi^2/\text{NDF}: 1065.0/18$

Left: 32.371 ± 0.114 $\chi^2/\text{NDF}: 2492.3/39$

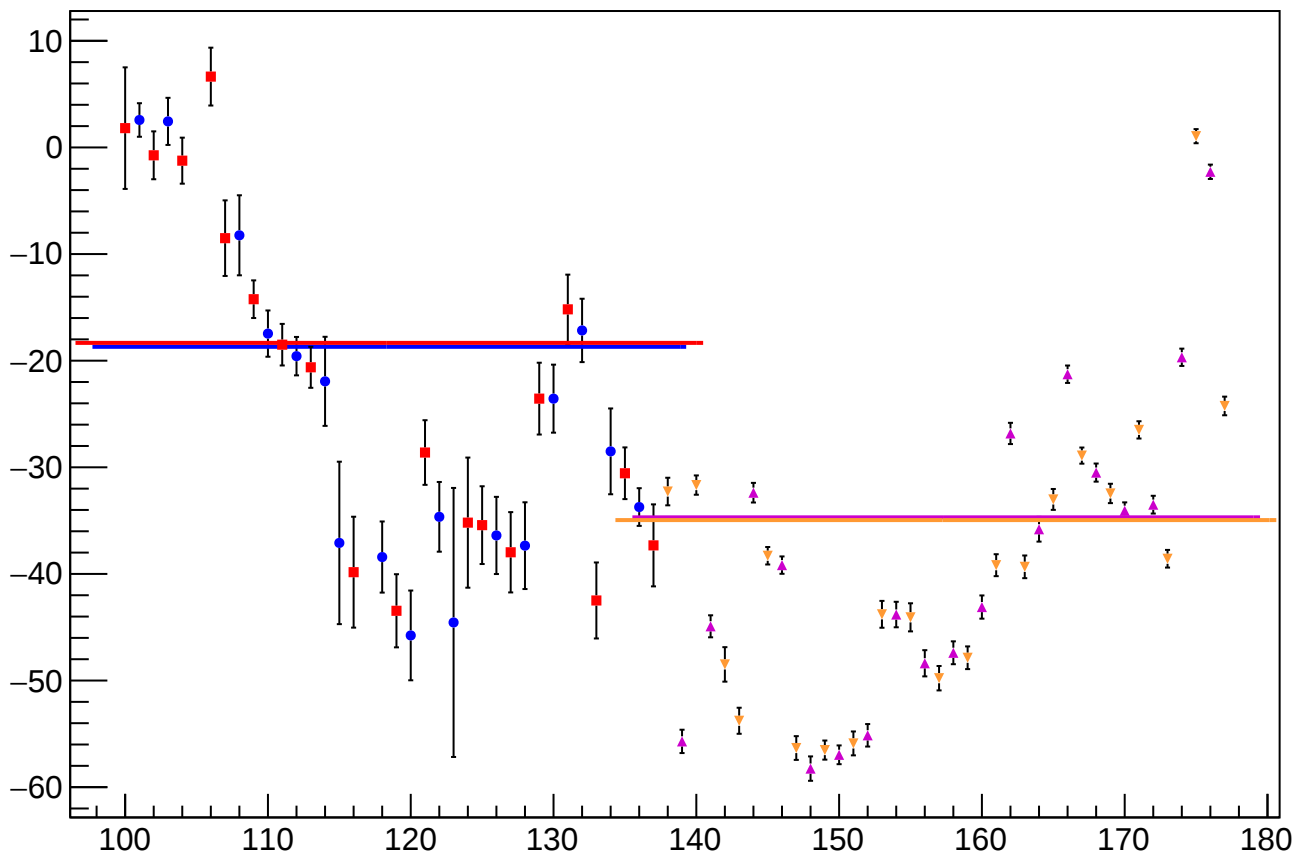
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 32.432 ± 0.150 $\chi^2/\text{NDF}: 1517.7/35$

Out: 32.417 ± 0.146 $\chi^2/\text{NDF}: 2203.8/39$

All: 32.424 ± 0.105 $\chi^2/\text{NDF}: 3721.5/75$

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: -34.694 ± 0.214 χ^2/NDF : 5340.9/18

Left: -34.824 ± 0.150 χ^2/NDF : 10736.2/39

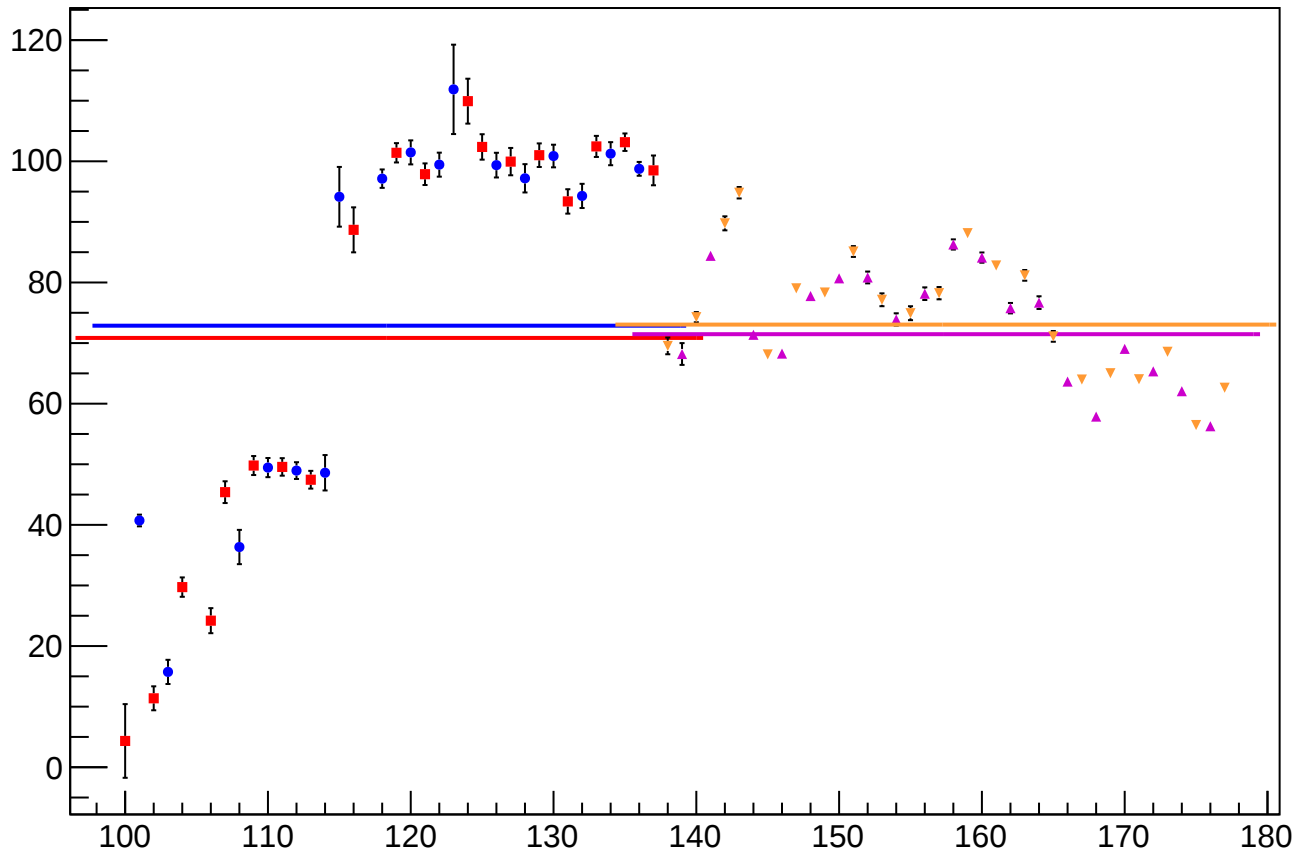
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -33.204 ± 0.203 χ^2/NDF : 6382.2/35

Out: -33.337 ± 0.201 χ^2/NDF : 6471.0/39

All: -33.271 ± 0.143 χ^2/NDF : 12853.4/75

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: 71.468 $\pm$ 0.186 χ^2 /NDF: 2346.7/18

Left: 72.282 $\pm$ 0.129 χ^2 /NDF: 5376.6/39

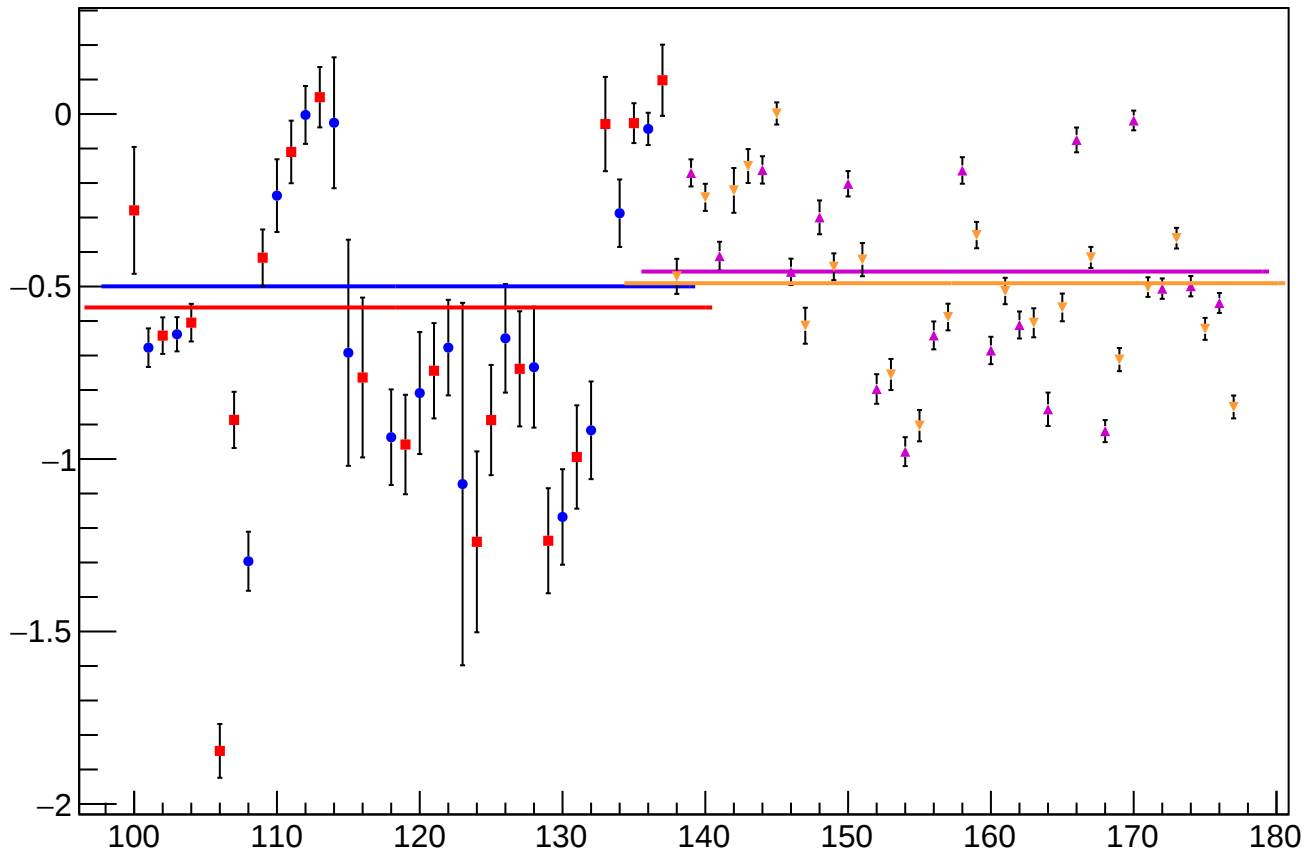
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 71.691 $\pm$ 0.170 χ^2 /NDF: 7082.9/35

Out: 72.725 $\pm$ 0.167 χ^2 /NDF: 8509.9/39

All: 72.220 $\pm$ 0.119 χ^2 /NDF: 15611.7/75

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: -0.457 ± 0.008 χ^2/NDF : 1153.0/18

Left: -0.474 ± 0.006 χ^2/NDF : 1860.2/39

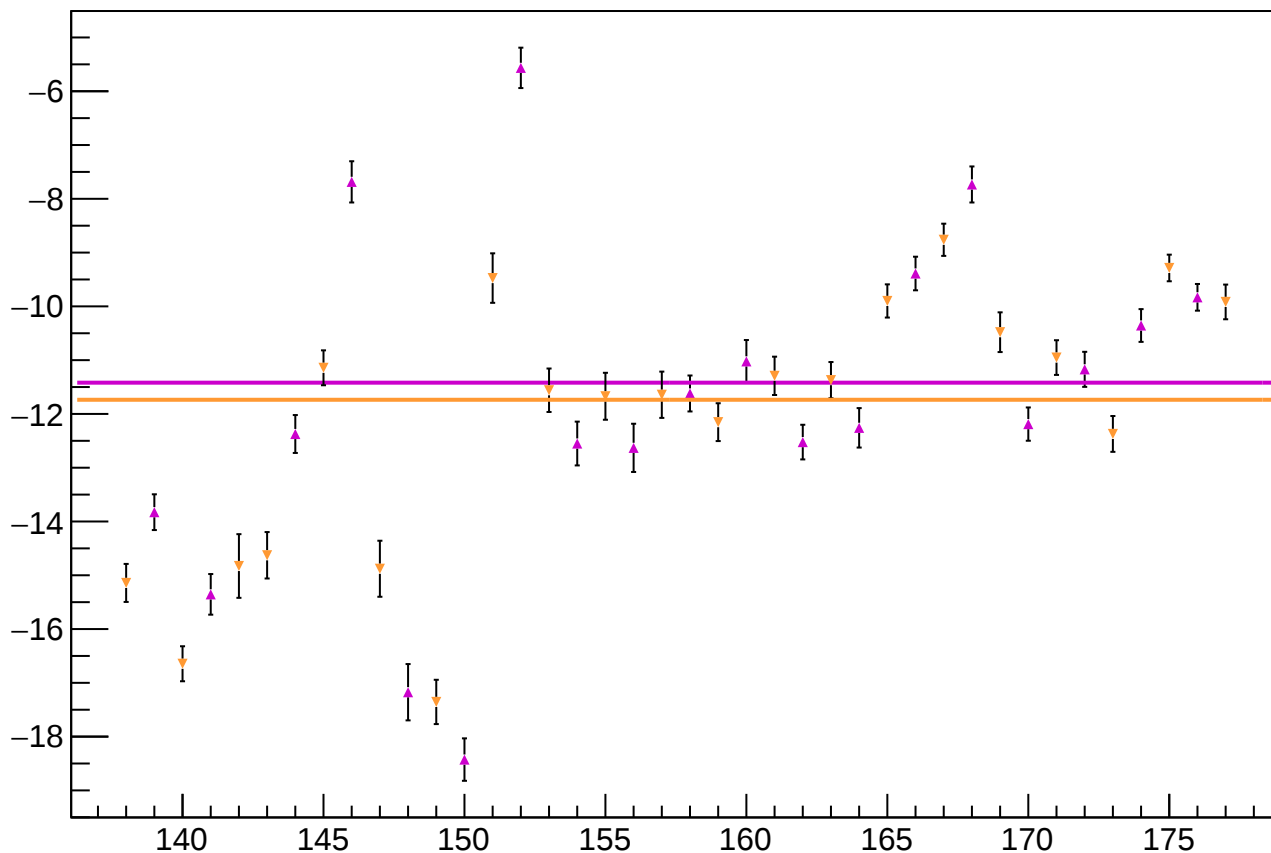
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.462 ± 0.008 χ^2/NDF : 1458.8/35

Out: -0.500 ± 0.008 χ^2/NDF : 1270.2/39

All: -0.481 ± 0.006 χ^2/NDF : 2740.7/75

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: -11.419 ± 0.080 χ^2/NDF : 1199.0/18

Left: -11.581 ± 0.056 χ^2/NDF : 2139.2/39

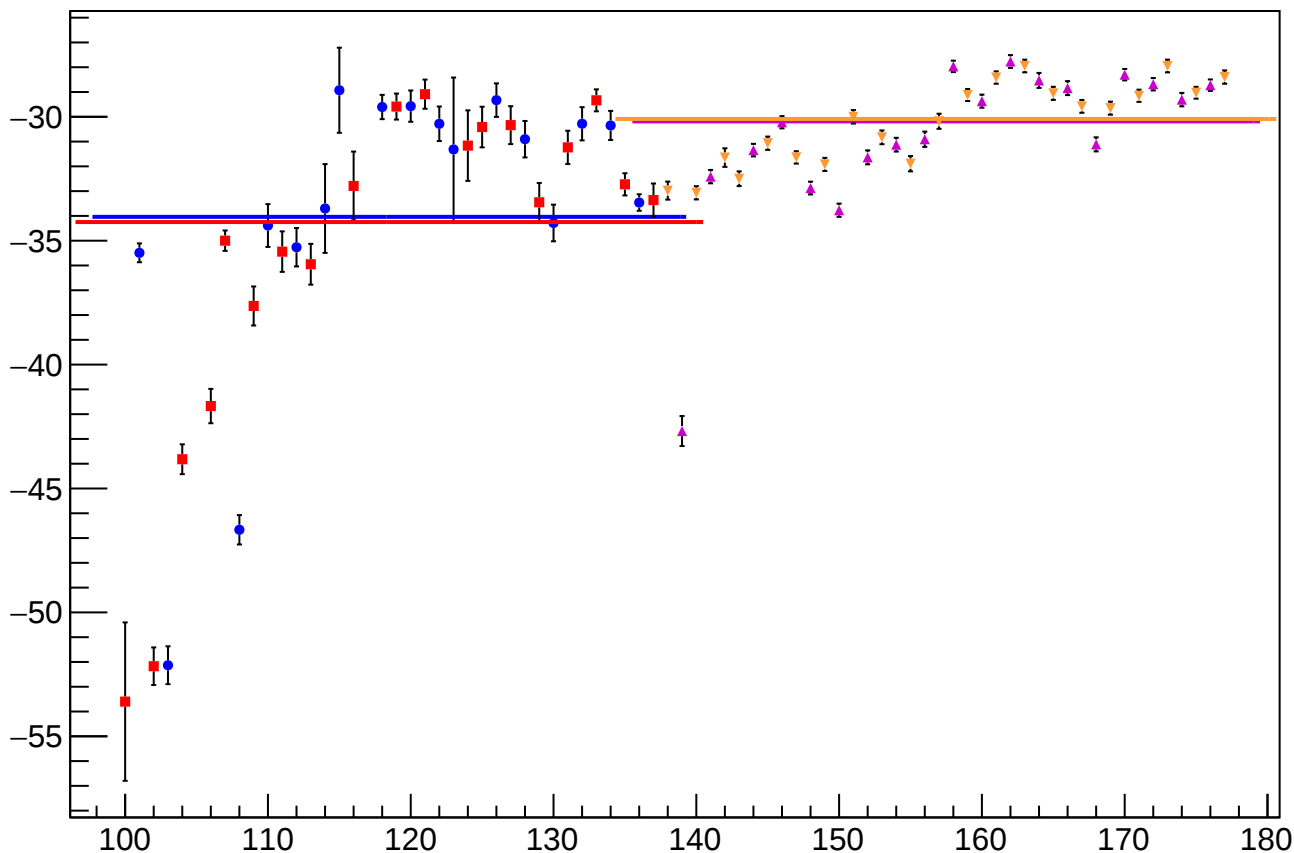
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -11.419 ± 0.080 χ^2/NDF : 1199.0/18

Out: -11.737 ± 0.078 χ^2/NDF : 932.0/20

All: -11.581 ± 0.056 χ^2/NDF : 2139.2/39

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: -30.187 ± 0.062 χ^2/NDF : 1252.8/18

Left: -30.135 ± 0.043 χ^2/NDF : 1960.8/39

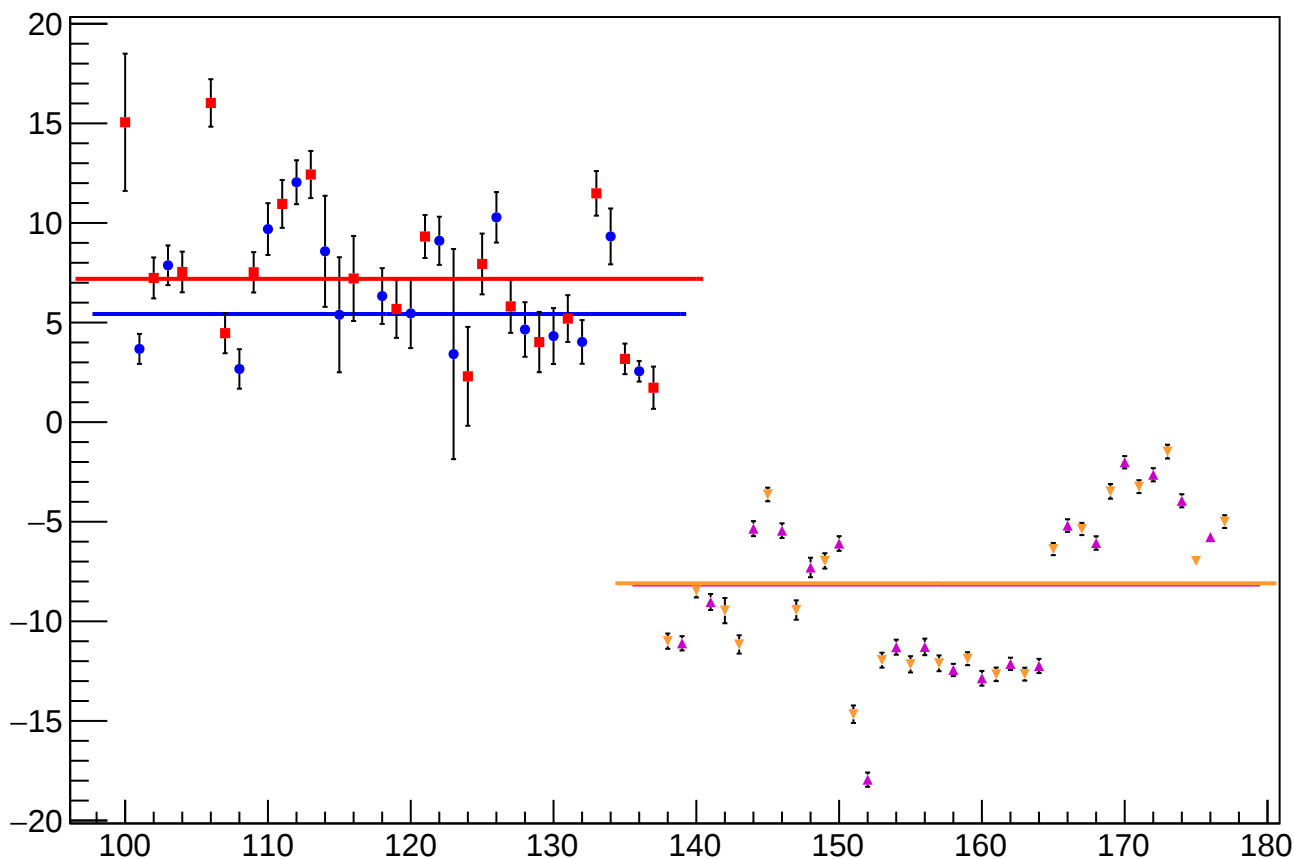
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -30.736 ± 0.057 χ^2/NDF : 3154.4/35

Out: -30.642 ± 0.055 χ^2/NDF : 2725.1/39

All: -30.687 ± 0.040 χ^2/NDF : 5880.8/75

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -8.092 ± 0.077 $\chi^2/\text{NDF}: 2304.1/20$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -8.152 ± 0.079 $\chi^2/\text{NDF}: 2784.5/18$

Left: -8.122 ± 0.055 $\chi^2/\text{NDF}: 5088.9/39$

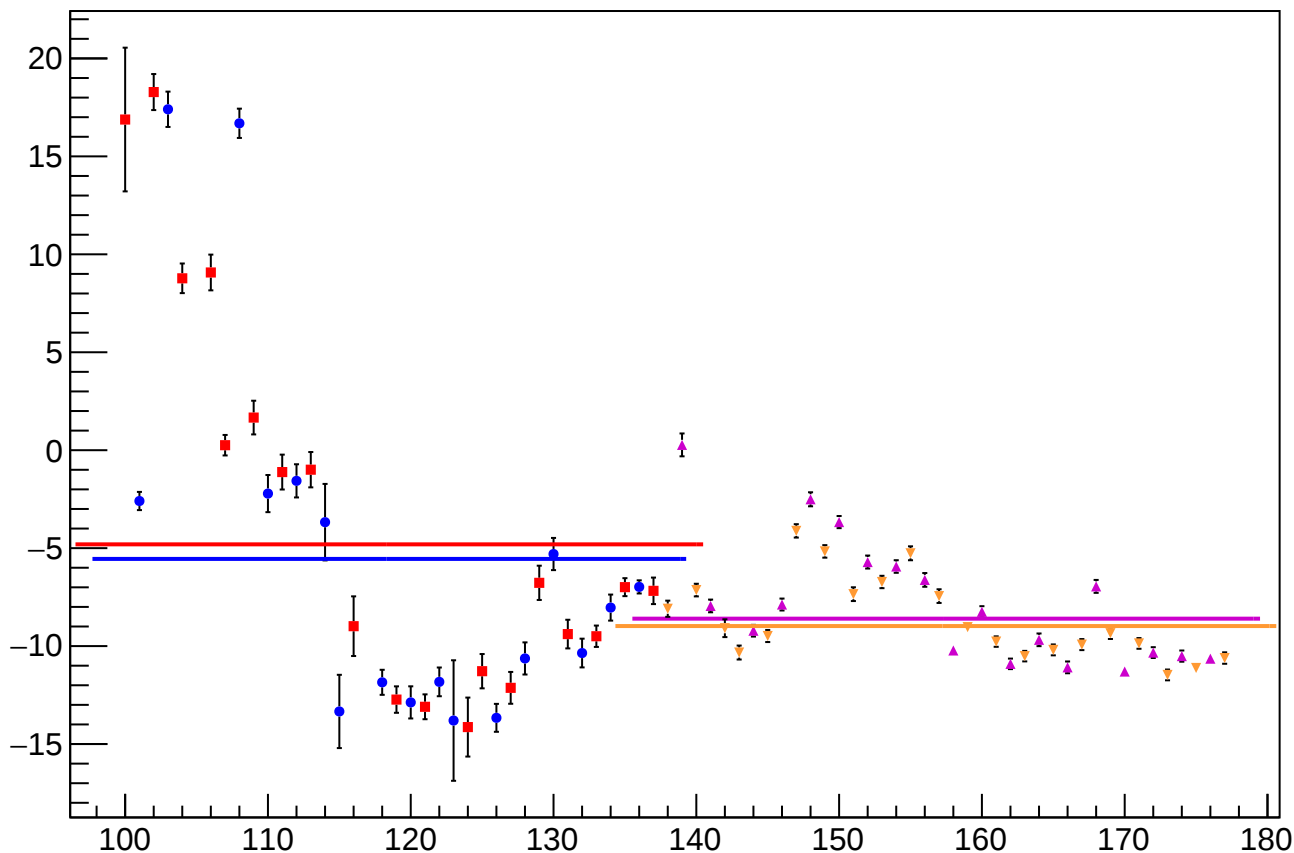
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -7.080 ± 0.076 $\chi^2/\text{NDF}: 5249.5/35$

Out: -6.960 ± 0.075 $\chi^2/\text{NDF}: 5368.0/39$

All: -7.019 ± 0.053 $\chi^2/\text{NDF}: 10618.8/75$

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: -8.600 ± 0.069 χ^2/NDF : 1456.8/18

Left: -8.795 ± 0.048 χ^2/NDF : 2340.7/39

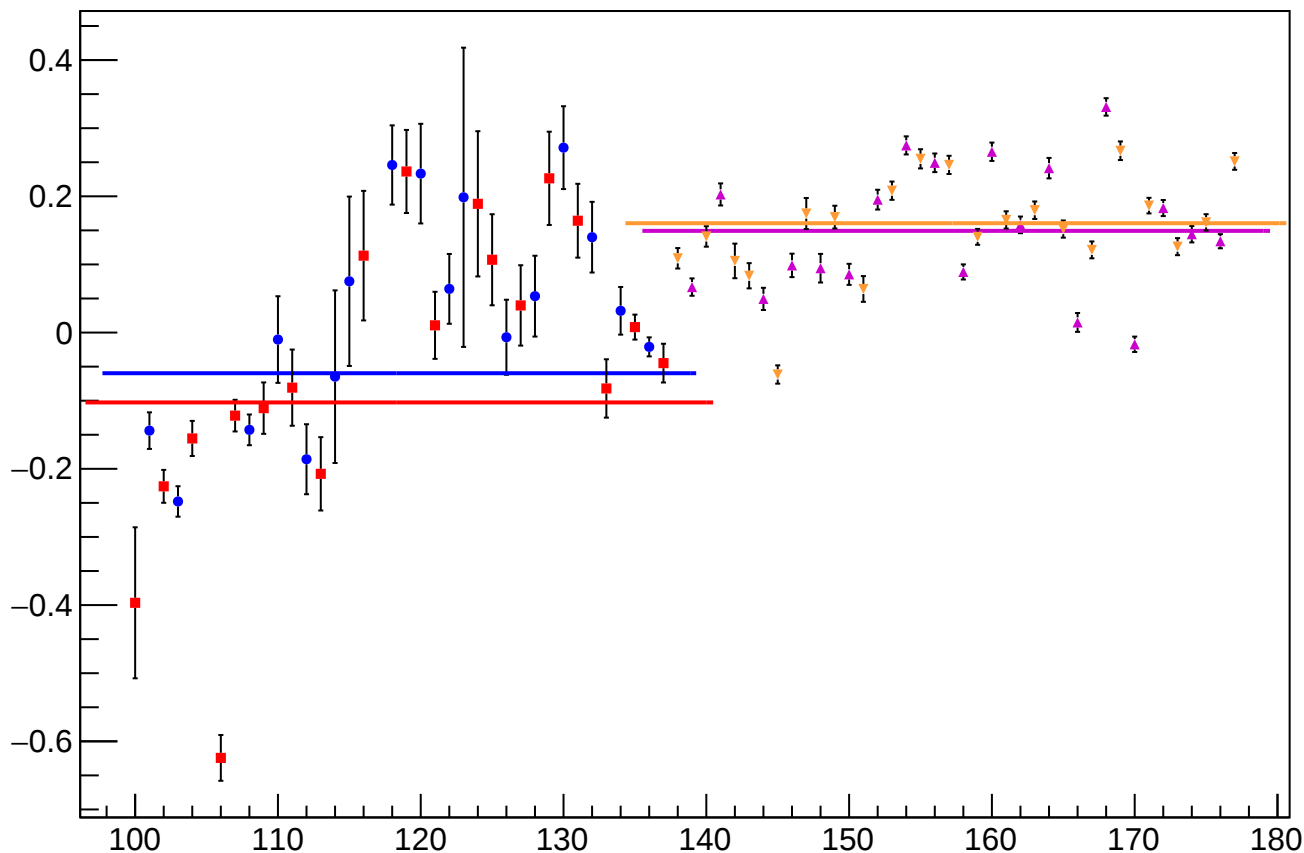
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -8.168 ± 0.064 χ^2/NDF : 3859.4/35

Out: -8.437 ± 0.062 χ^2/NDF : 3424.6/39

All: -8.307 ± 0.045 χ^2/NDF : 7293.1/75

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: 0.149 ± 0.003 χ^2/NDF : 941.7/18

Left: 0.155 ± 0.002 χ^2/NDF : 1525.5/39

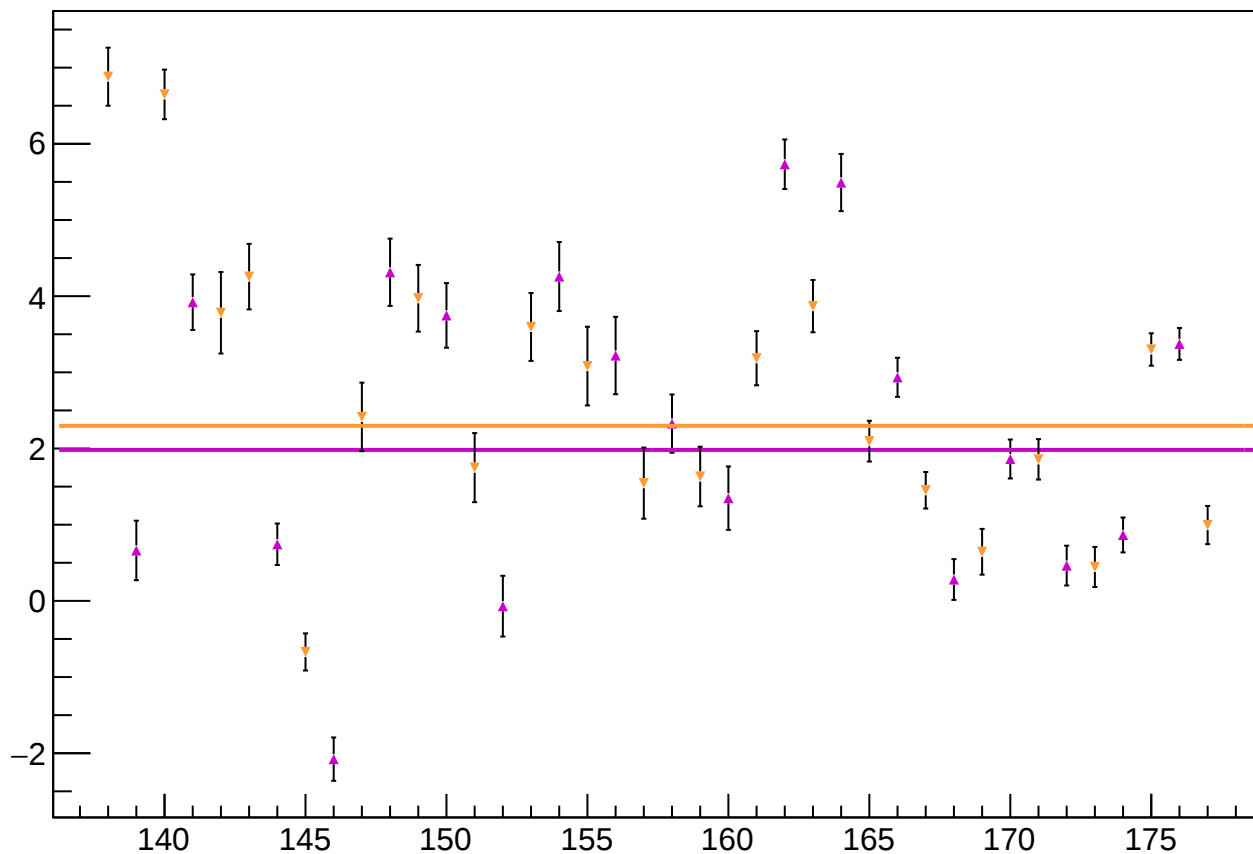
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.125 ± 0.003 χ^2/NDF : 1705.2/35

Out: 0.130 ± 0.003 χ^2/NDF : 1876.8/39

All: 0.128 ± 0.002 χ^2/NDF : 3583.9/75

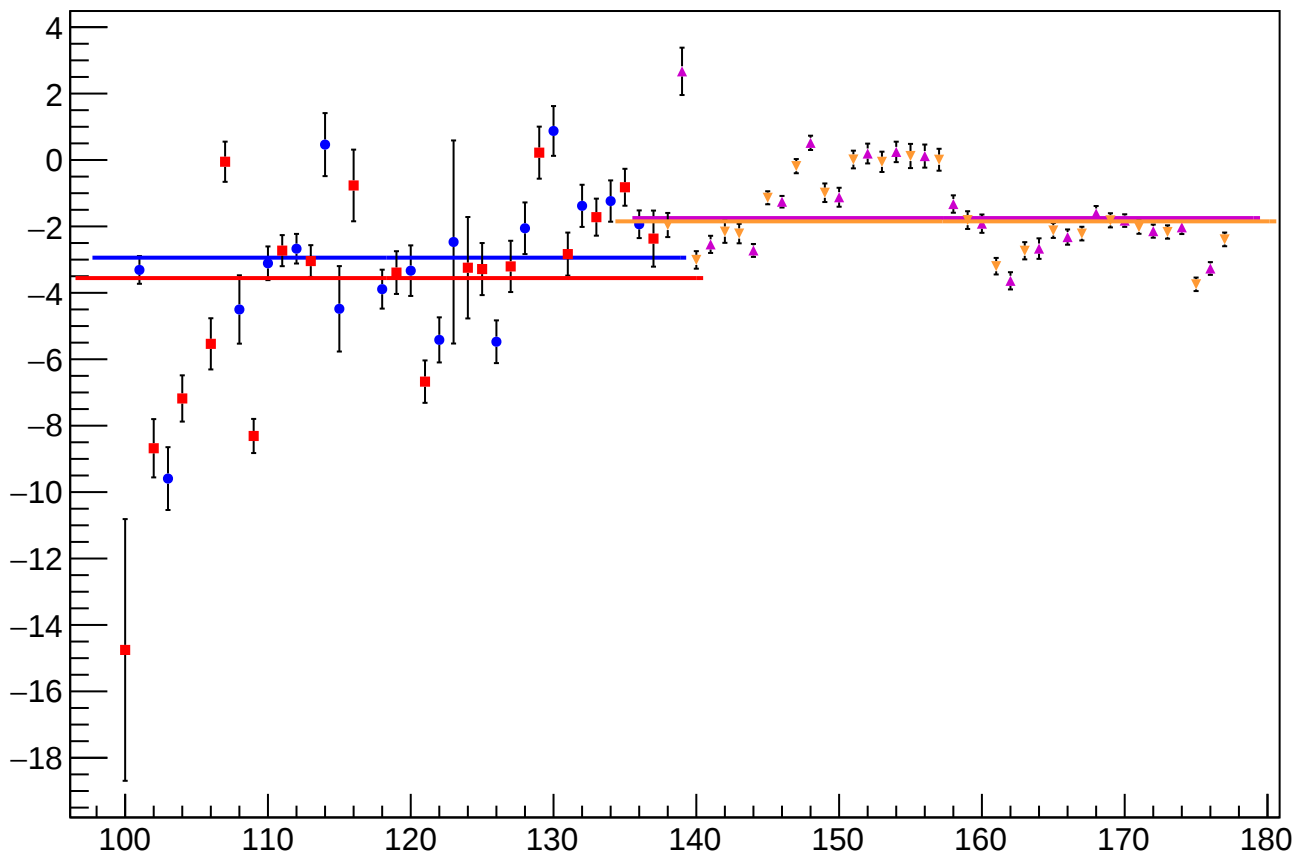
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 1.981 $\pm$ 0.071 χ^2 /NDF:746.4/18

Left: 2.142 $\pm$ 0.050 χ^2 /NDF: 1461.0/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.981 $\pm$ 0.071 χ^2 /NDF:746.4/18
 Out: 2.297 $\pm$ 0.070 χ^2 /NDF:704.7/20
 All: 2.142 $\pm$ 0.050 χ^2 /NDF: 1461.0/39

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -1.848 ± 0.053 $\chi^2/\text{NDF}: 391.7/20$

Right Out: -3.556 ± 0.155 $\chi^2/\text{NDF}: 291.6/18$

Left In: -1.749 ± 0.055 $\chi^2/\text{NDF}: 449.5/18$

Left: -1.799 ± 0.038 $\chi^2/\text{NDF}: 842.9/39$

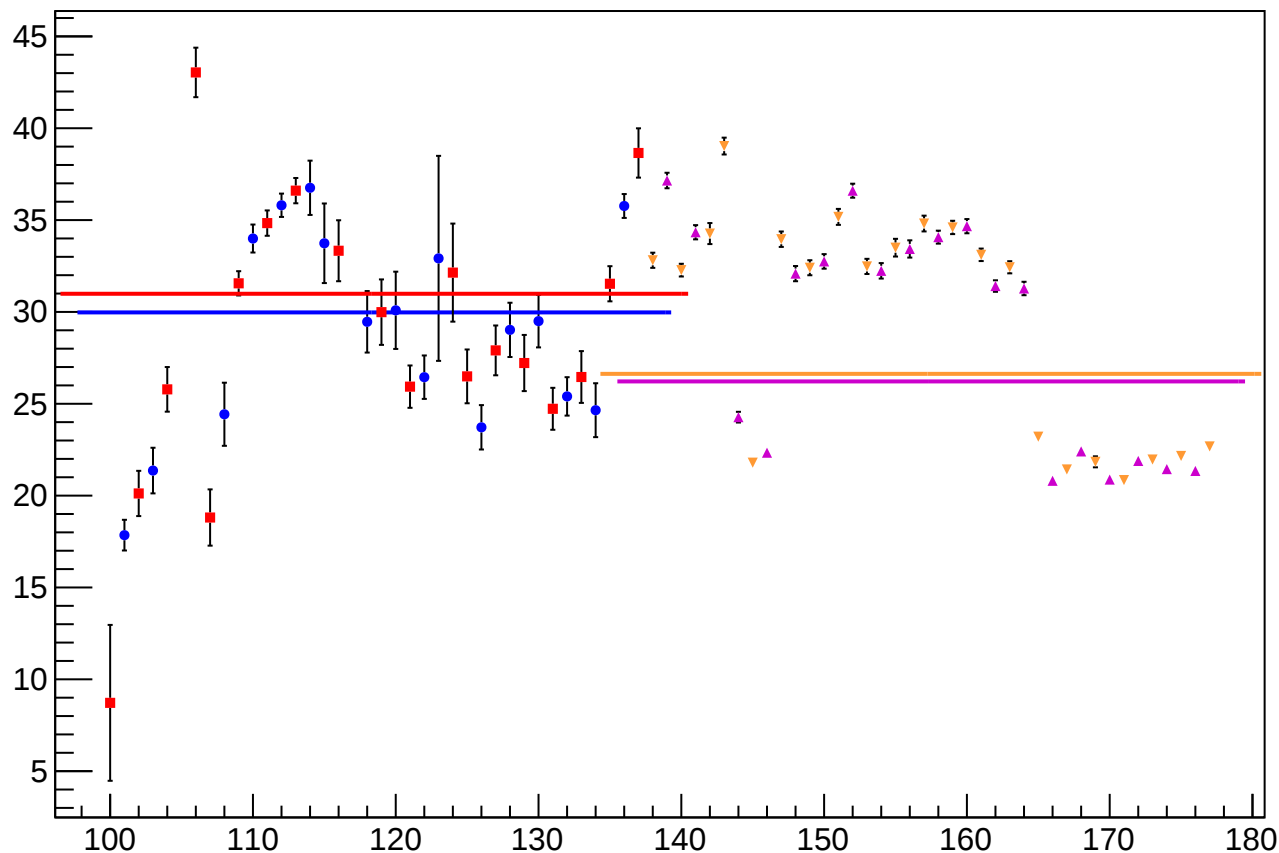
Right: -3.248 ± 0.109 $\chi^2/\text{NDF}: 445.2/35$

In: -1.881 ± 0.051 $\chi^2/\text{NDF}: 648.2/35$

Out: -2.029 ± 0.050 $\chi^2/\text{NDF}: 792.5/39$

All: -1.957 ± 0.036 $\chi^2/\text{NDF}: 1445.0/75$

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: 26.217 $\pm$ 0.071 χ^2 /NDF: 6695.7/18

Left: 26.426 $\pm$ 0.050 χ^2 /NDF: 13587.6/39

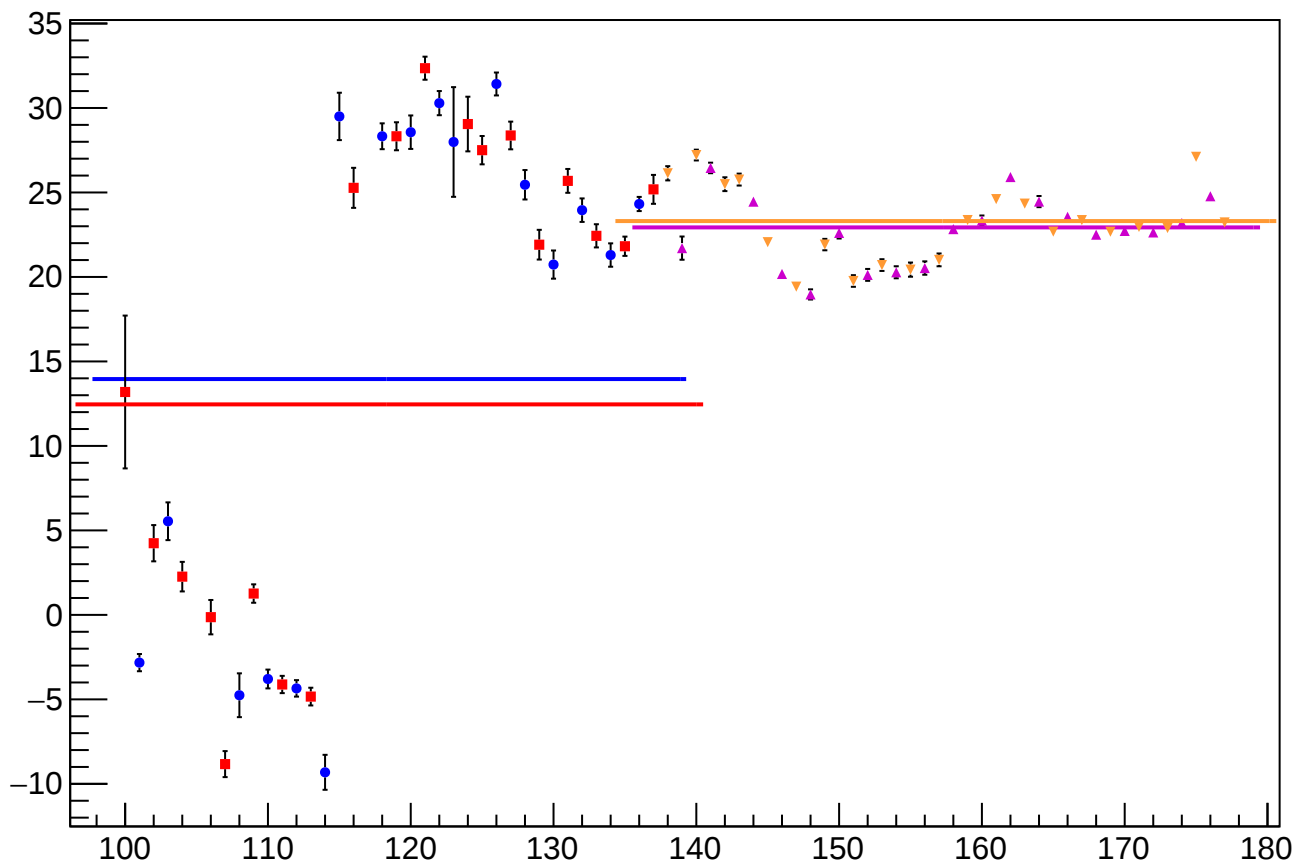
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 26.467 $\pm$ 0.069 χ^2 /NDF: 7434.2/35

Out: 26.926 $\pm$ 0.068 χ^2 /NDF: 7618.0/39

All: 26.700 $\pm$ 0.048 χ^2 /NDF: 15074.7/75

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: 22.932 $\pm$ 0.062 χ^2 /NDF:900.3/18

Left: 23.124 $\pm$ 0.043 χ^2 /NDF: 2031.5/39

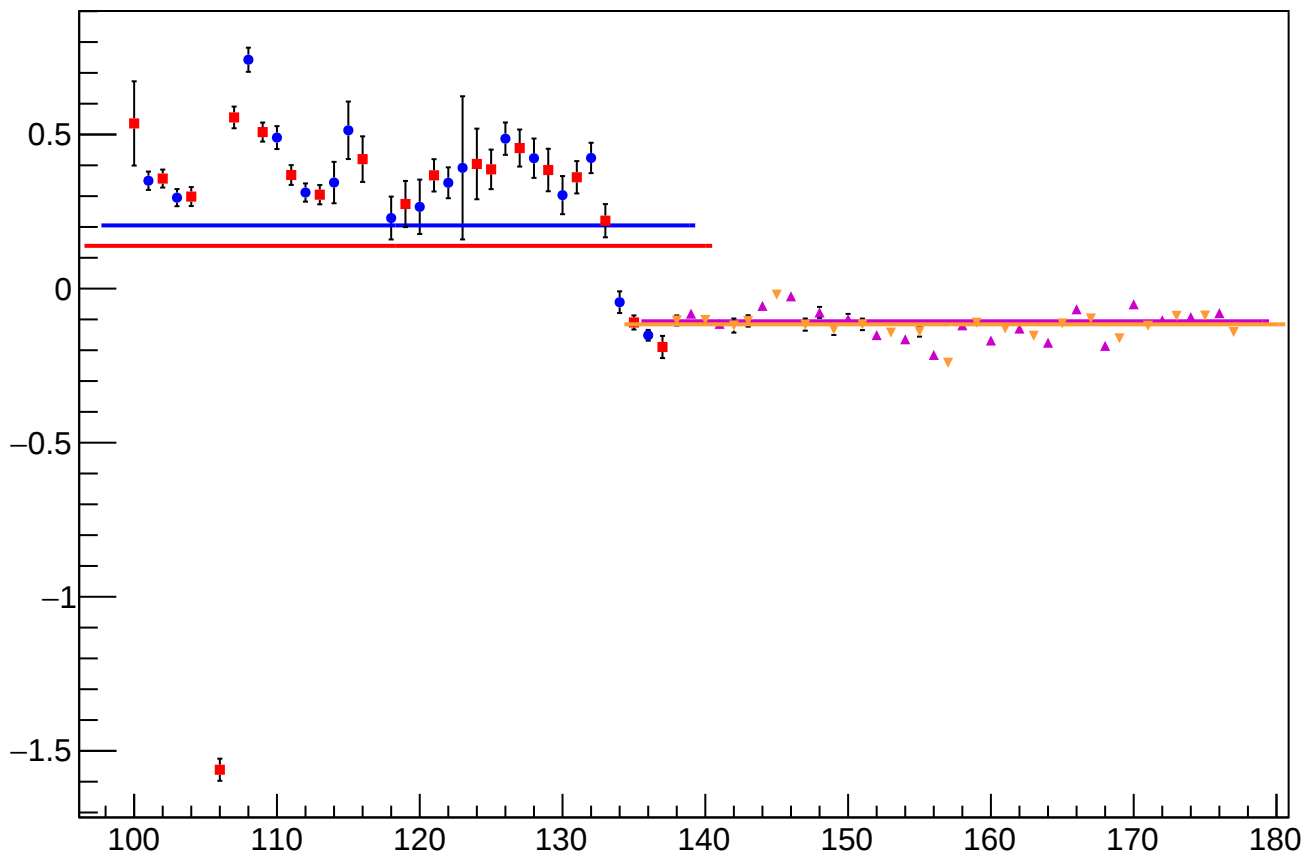
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 21.910 $\pm$ 0.058 χ^2 /NDF:10653.3/35

Out: 22.144 $\pm$ 0.057 χ^2 /NDF:11578.7/39

All: 22.030 $\pm$ 0.041 χ^2 /NDF: 22240.3/75

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.116 ± 0.003 $\chi^2/\text{NDF}: 223.8/20$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.106 ± 0.003 $\chi^2/\text{NDF}: 299.7/18$

Left: -0.111 ± 0.002 $\chi^2/\text{NDF}: 529.8/39$

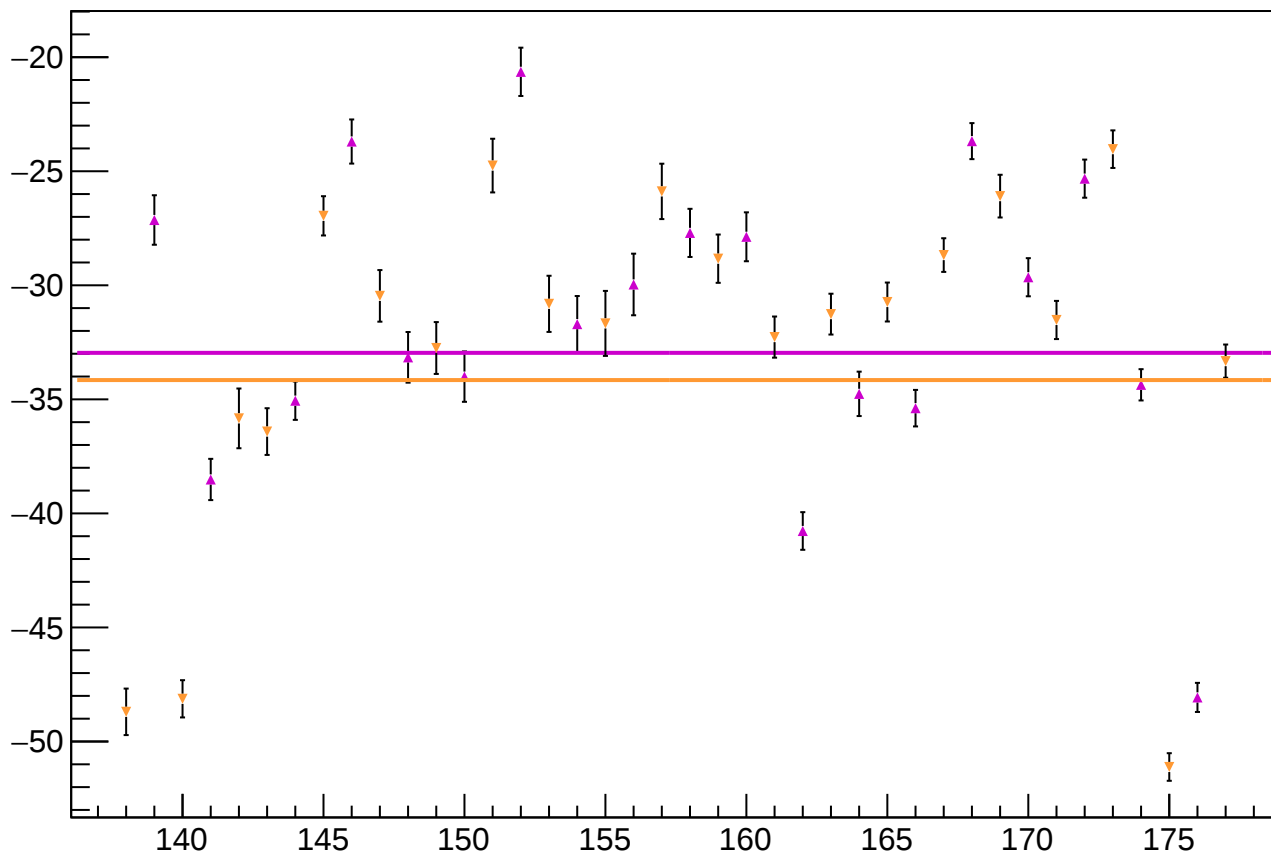
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.081 ± 0.003 $\chi^2/\text{NDF}: 2158.5/35$

Out: -0.095 ± 0.003 $\chi^2/\text{NDF}: 3943.9/39$

All: -0.088 ± 0.002 $\chi^2/\text{NDF}: 6116.5/75$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -34.155 $\pm$ 0.201 χ^2/NDF :1839.3/20

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

Left In: -32.961 $\pm$ 0.208 χ^2/NDF :1258.3/18

Left: -33.577 $\pm$ 0.145 χ^2/NDF : 3114.6/39

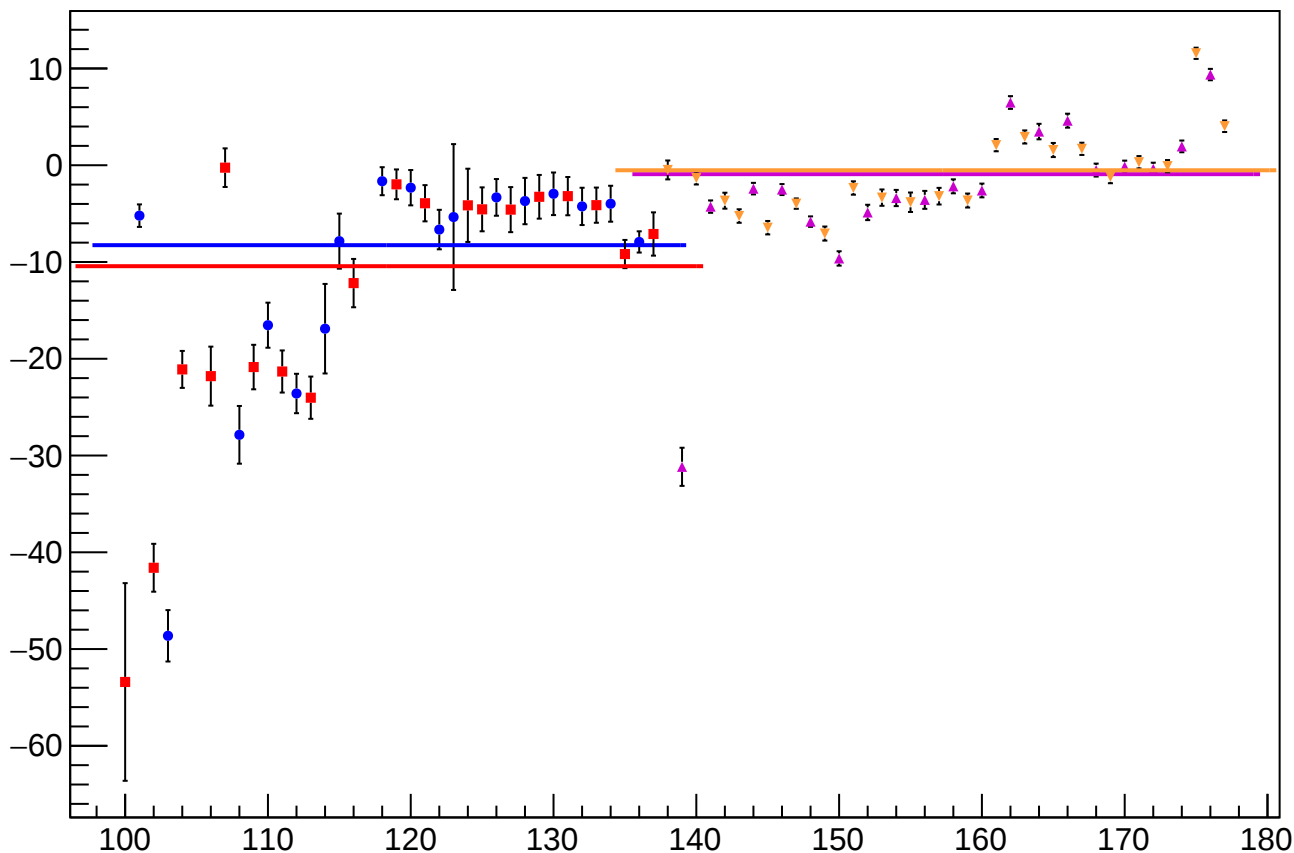
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -32.961 $\pm$ 0.208 χ^2/NDF :1258.3/18

Out: -34.155 $\pm$ 0.201 χ^2/NDF :1839.3/20

All: -33.577 $\pm$ 0.145 χ^2/NDF : 3114.6/39

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: -0.922 ± 0.157 χ^2/NDF : 1092.8/18

Left: -0.713 ± 0.109 χ^2/NDF : 1966.7/39

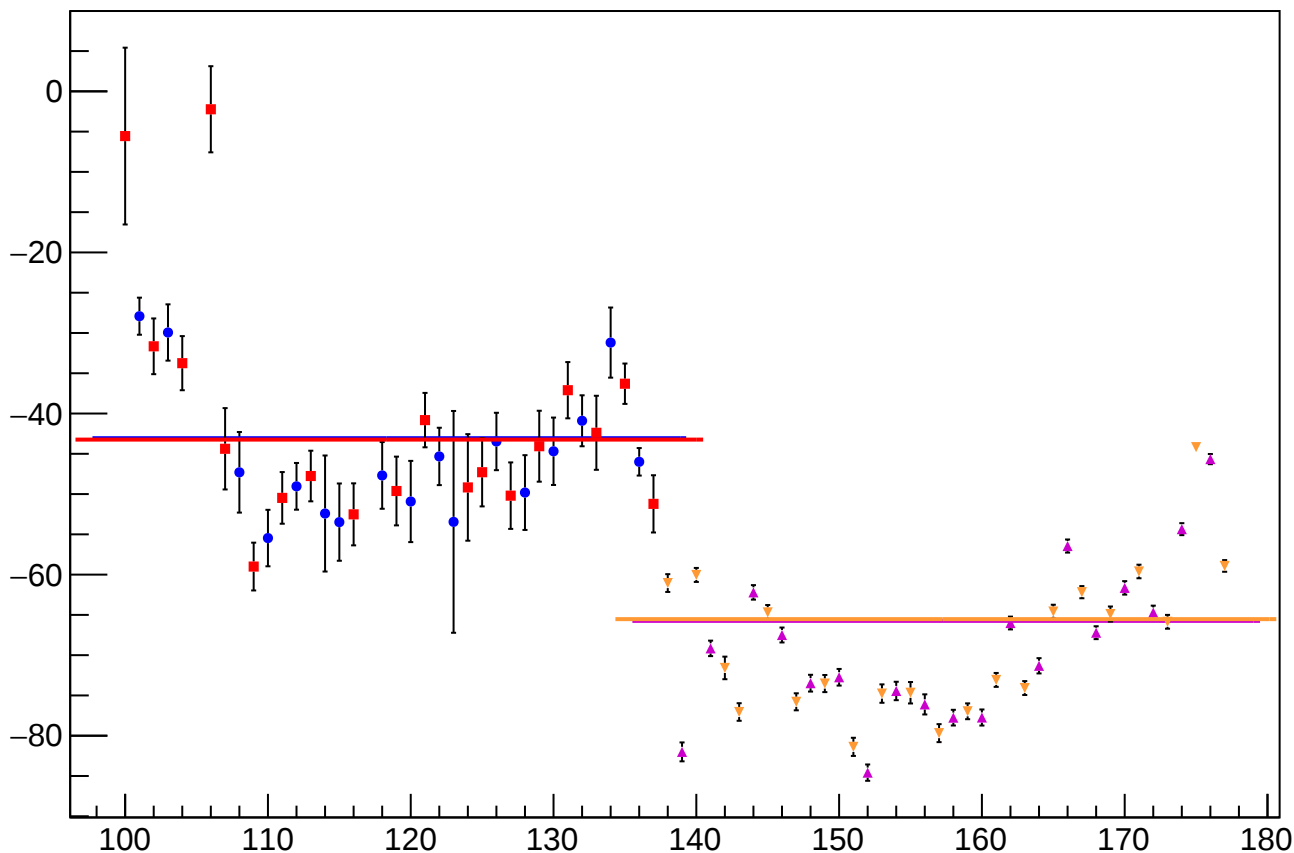
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -1.680 ± 0.149 χ^2/NDF : 1730.4/35

Out: -1.376 ± 0.144 χ^2/NDF : 1672.2/39

All: -1.523 ± 0.103 χ^2/NDF : 3404.7/75

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: -65.741 ± 0.207 $\chi^2/\text{NDF}: 2532.7/18$

Left: -65.631 ± 0.144 $\chi^2/\text{NDF}: 5051.0/39$

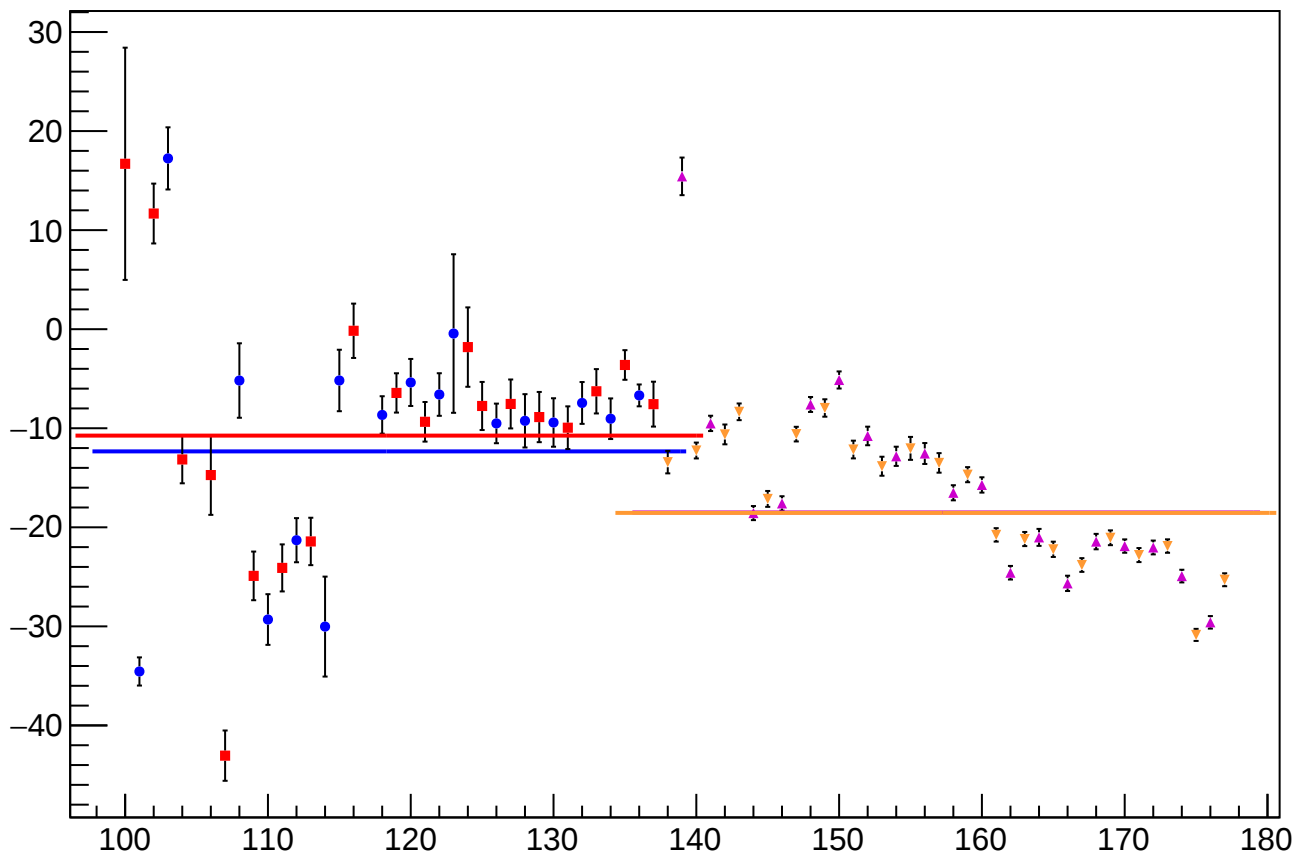
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -64.431 ± 0.201 $\chi^2/\text{NDF}: 3326.2/35$

Out: -64.389 ± 0.196 $\chi^2/\text{NDF}: 3300.6/39$

All: -64.410 ± 0.140 $\chi^2/\text{NDF}: 6626.8/75$

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: -18.500 ± 0.178 χ^2/NDF : 1704.4/18

Left: -18.523 ± 0.124 χ^2/NDF : 3109.8/39

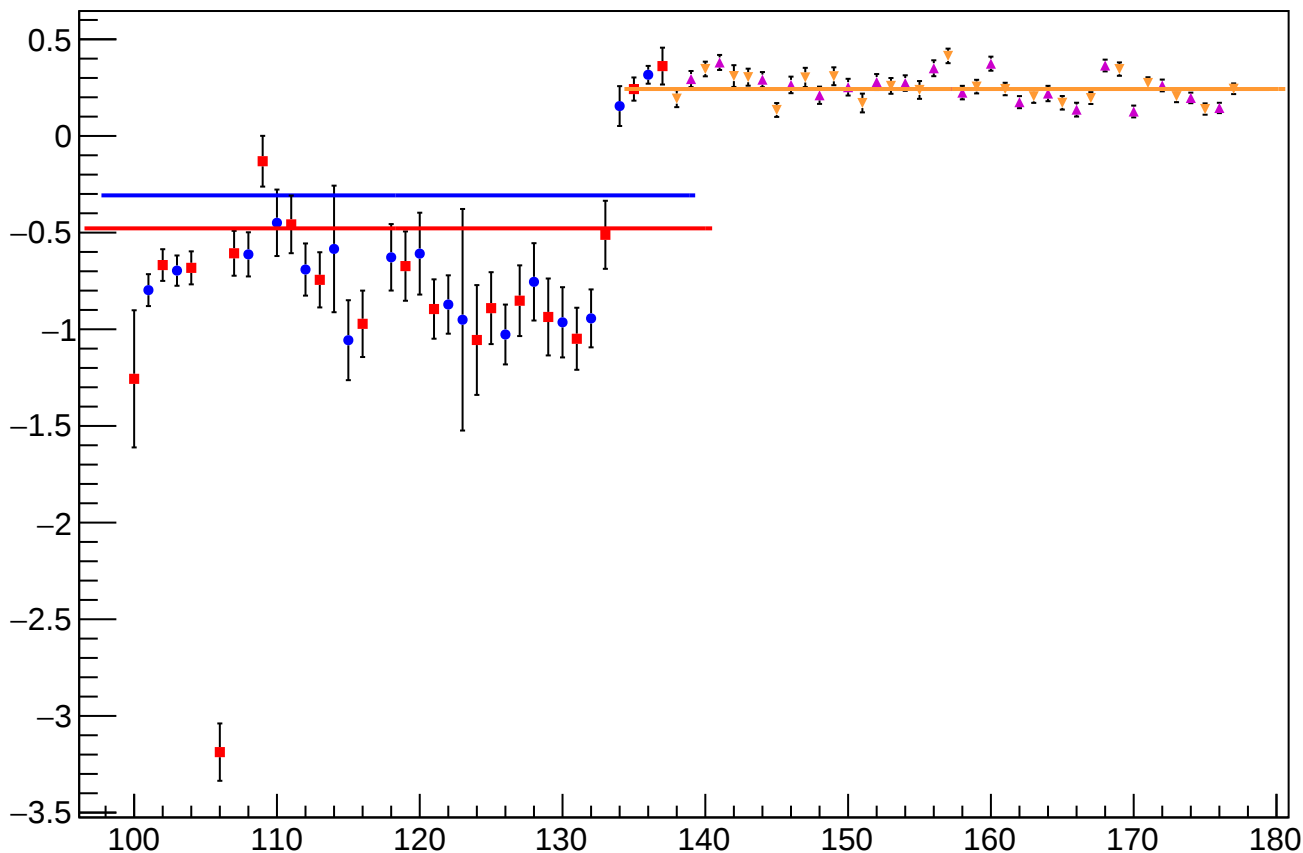
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -17.851 ± 0.169 χ^2/NDF : 2305.1/35

Out: -17.862 ± 0.164 χ^2/NDF : 1953.9/39

All: -17.857 ± 0.117 χ^2/NDF : 4258.9/75

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: 0.243 ± 0.008 χ^2/NDF : 98.8/18

Left: 0.243 ± 0.006 χ^2/NDF : 178.2/39

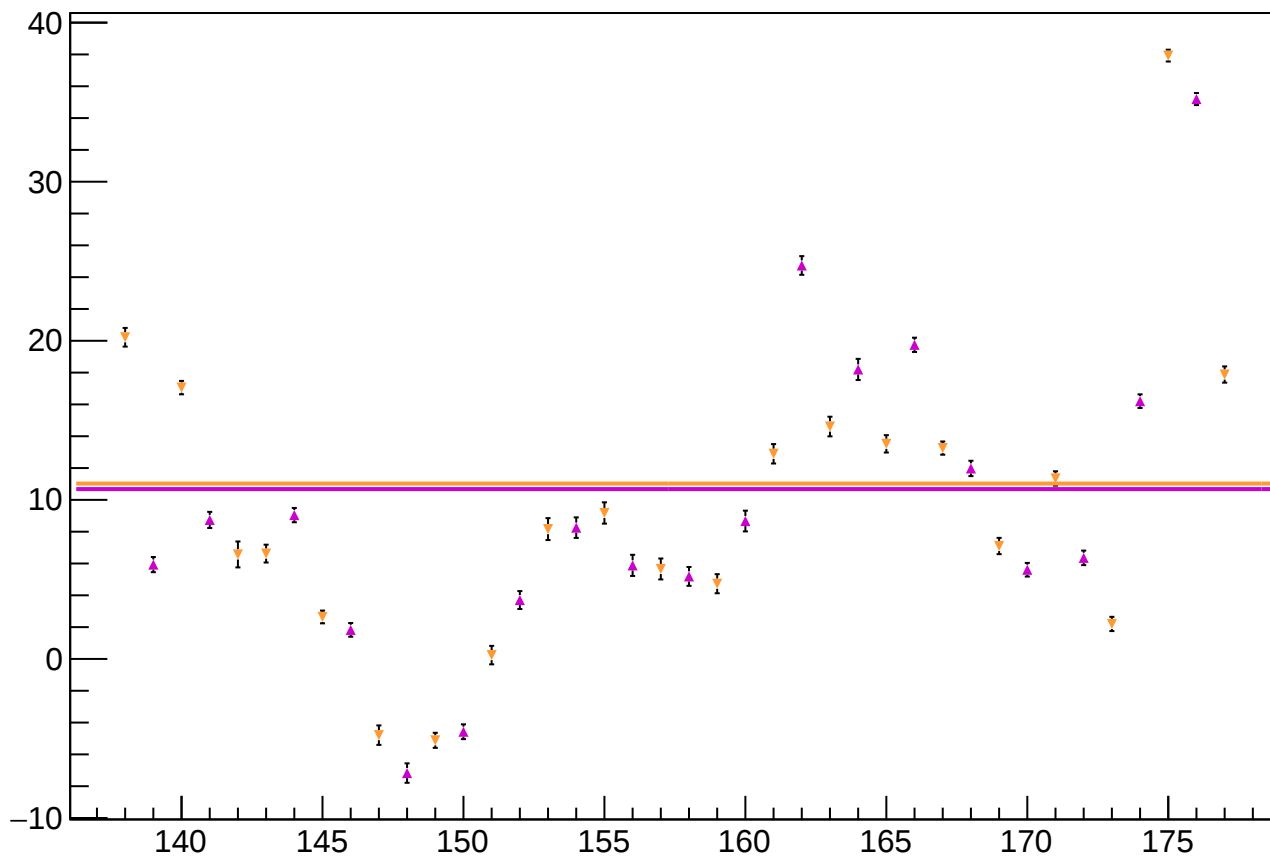
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.199 ± 0.008 χ^2/NDF : 838.6/35

Out: 0.191 ± 0.008 χ^2/NDF : 1303.5/39

All: 0.195 ± 0.005 χ^2/NDF : 2142.7/75

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: 10.678 $\pm$ 0.115 χ^2 /NDF:8484.3/18

Left: 10.854 $\pm$ 0.081 χ^2 /NDF: 17774.1/39

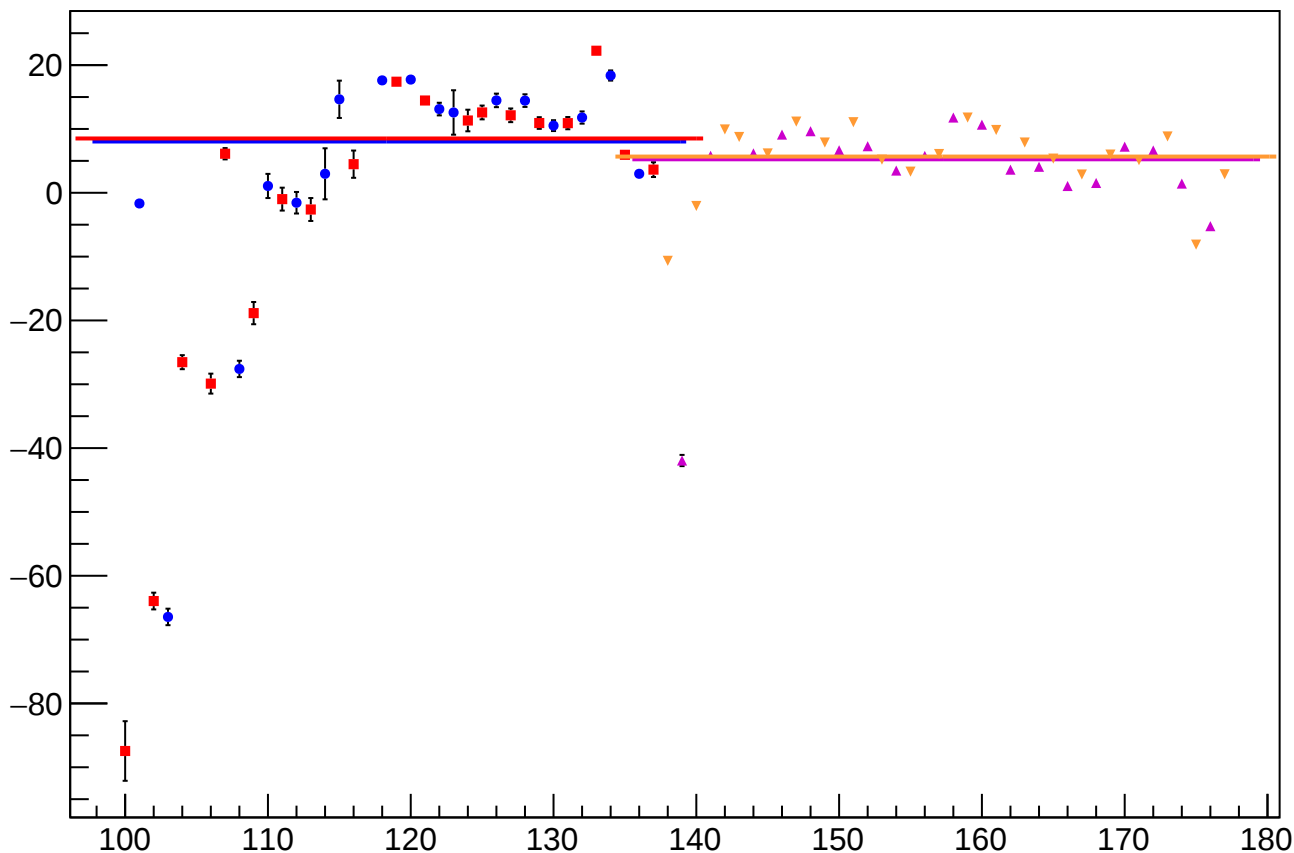
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 10.678 $\pm$ 0.115 χ^2 /NDF:8484.3/18

Out: 11.025 $\pm$ 0.113 χ^2 /NDF:9285.1/20

All: 10.854 $\pm$ 0.081 χ^2 /NDF: 17774.1/39

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 $\pm$ 0.215 χ^2 /NDF: 5370.3/16

Left Out: 5.673 $\pm$ 0.084 χ^2 /NDF: 4057.0/20

Right Out: 8.508 $\pm$ 0.213 χ^2 /NDF: 6713.4/18

Left In: 5.247 $\pm$ 0.087 χ^2 /NDF: 5006.1/18

Left: 5.467 $\pm$ 0.061 χ^2 /NDF: 9075.5/39

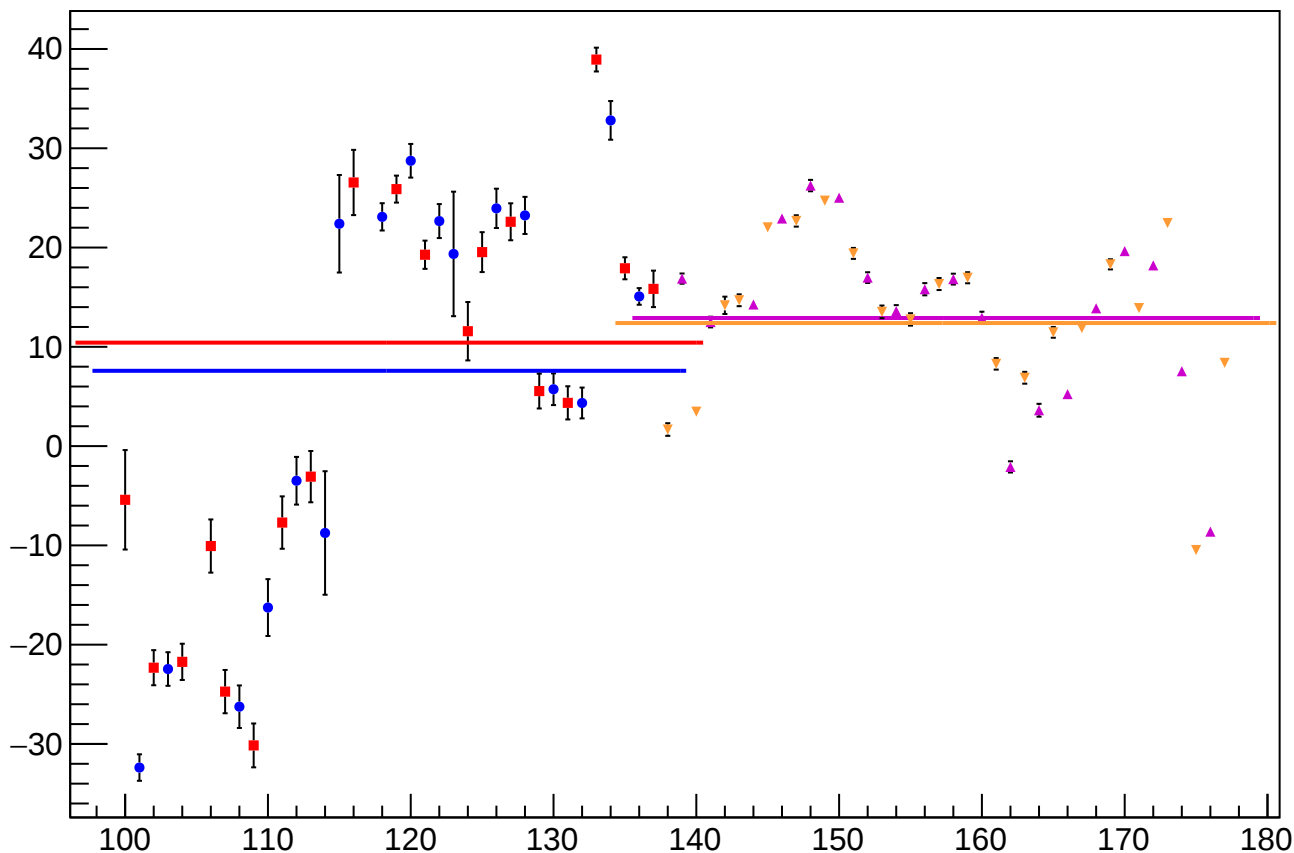
Right: 8.274 $\pm$ 0.151 χ^2 /NDF: 12086.1/35

In: 5.638 $\pm$ 0.081 χ^2 /NDF: 10520.5/35

Out: 6.056 $\pm$ 0.078 χ^2 /NDF: 10923.7/39

All: 5.853 $\pm$ 0.056 χ^2 /NDF: 21458.0/75

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: 12.905 ± 0.114 $\chi^2/\text{NDF}: 7093.4/18$

Left: 12.648 ± 0.080 $\chi^2/\text{NDF}: 14268.1/39$

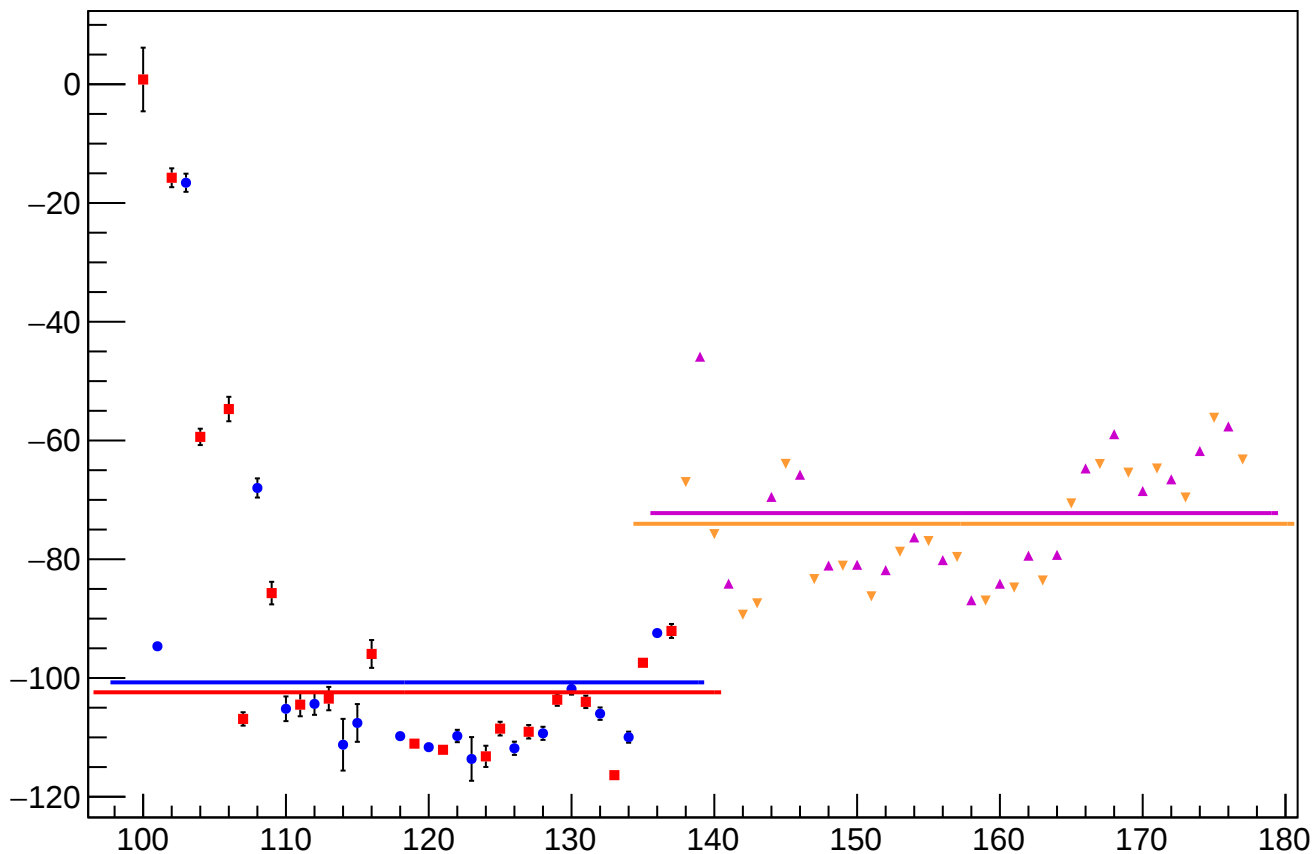
Right: 9.004 ± 0.294 $\chi^2/\text{NDF}: 4635.5/35$

In: 12.533 ± 0.110 $\chi^2/\text{NDF}: 9568.0/35$

Out: 12.261 ± 0.109 $\chi^2/\text{NDF}: 9475.1/39$

All: 12.395 ± 0.077 $\chi^2/\text{NDF}: 19046.2/75$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -74.028+/-0.096 χ^2/NDF : 10675.3/20

Right Out: -102.408+/-0.246 χ^2/NDF : 6088.0/18

Left In: -72.227+/-0.099 χ^2/NDF : 9522.4/18

Left: -73.154+/-0.069 χ^2/NDF : 20367.5/39

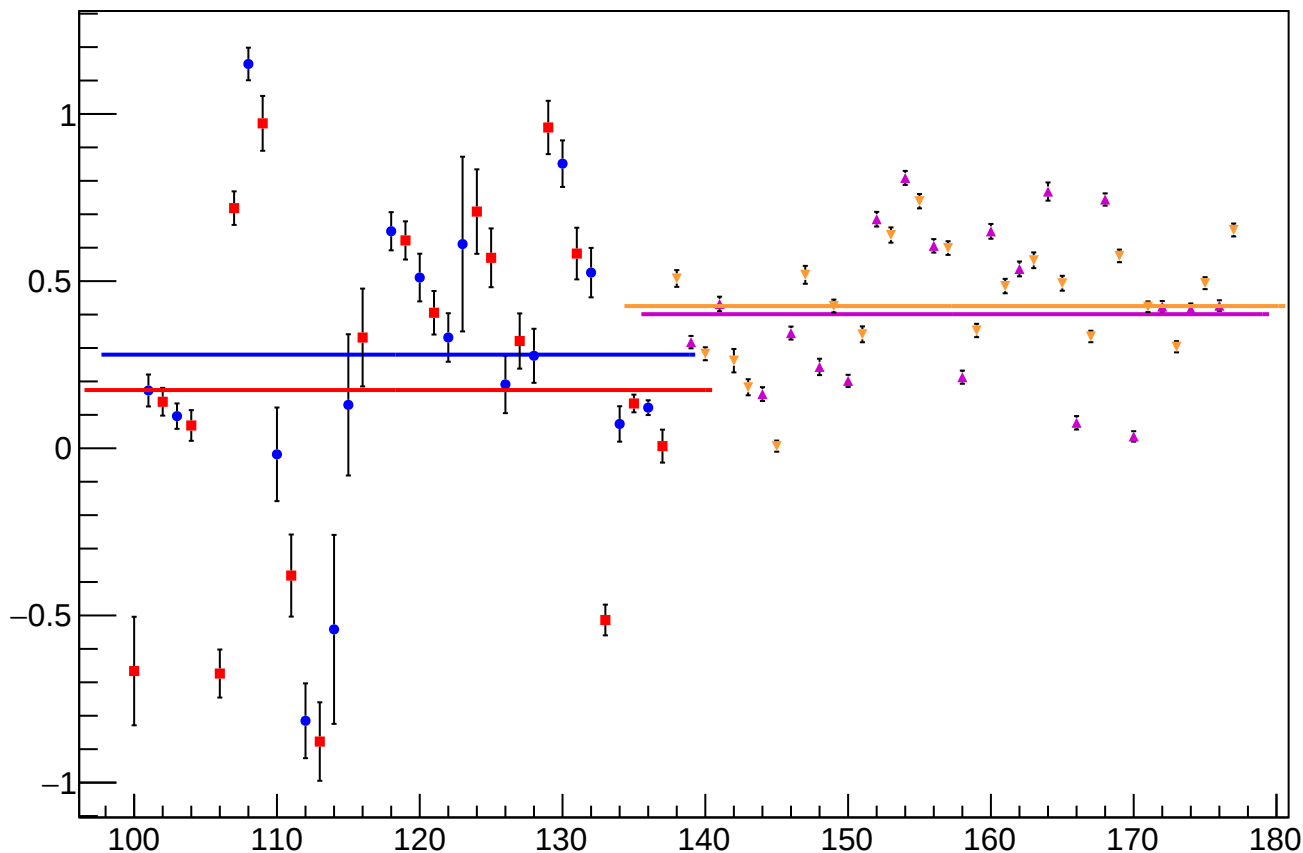
Right: -101.580+/-0.175 χ^2/NDF : 10631.4/35

In: -76.151+/-0.092 χ^2/NDF : 25410.8/35

Out: -77.803+/-0.090 χ^2/NDF : 28315.5/39

All: -76.999+/-0.064 χ^2/NDF : 53891.5/75

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: 0.401 ± 0.004 χ^2/NDF : 2567.7/18

Left: 0.413 ± 0.003 χ^2/NDF : 4158.8/39

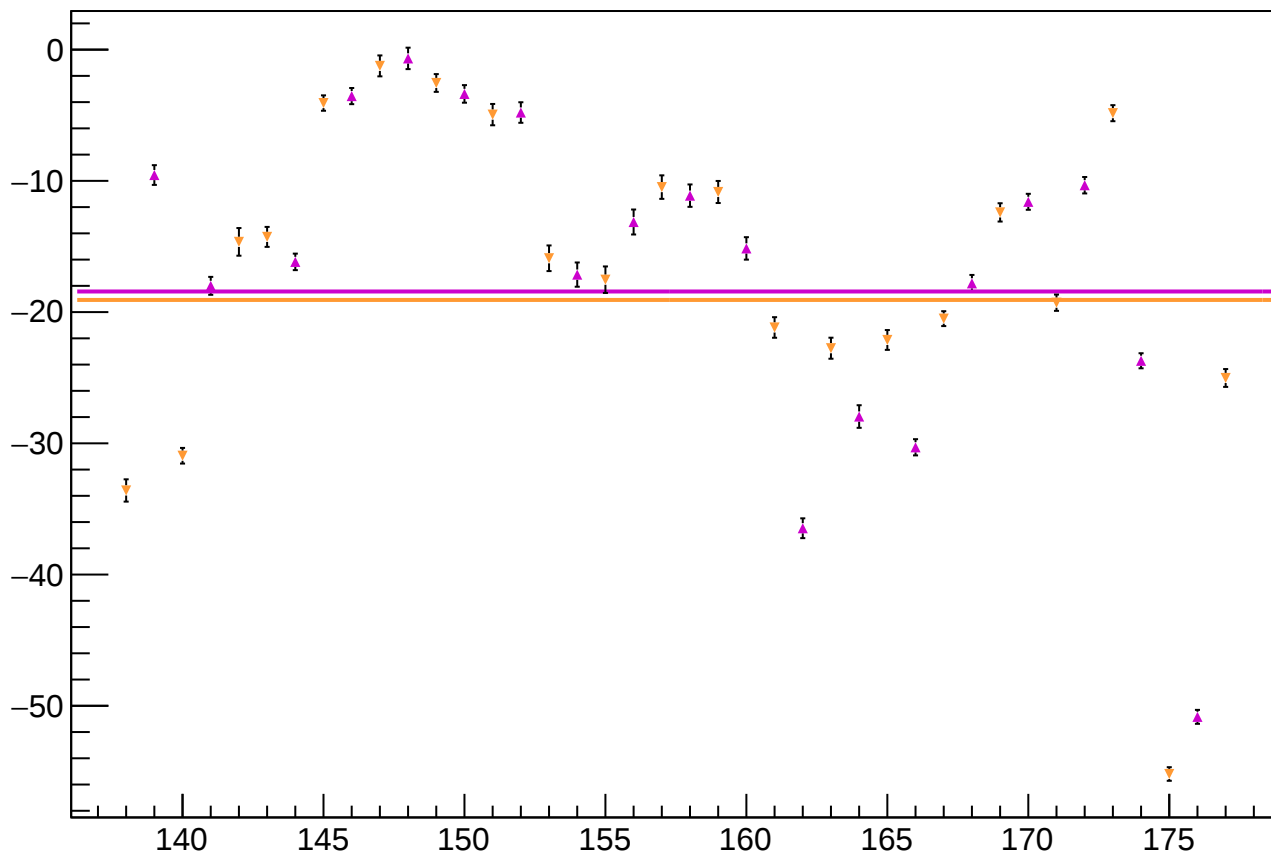
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.389 ± 0.004 χ^2/NDF : 3296.7/35

Out: 0.401 ± 0.004 χ^2/NDF : 2855.5/39

All: 0.395 ± 0.003 χ^2/NDF : 6156.0/75

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: -18.429+/-0.159 χ^2/NDF :7307.7/18

Left: -18.757+/-0.112 χ^2/NDF : 15936.2/39

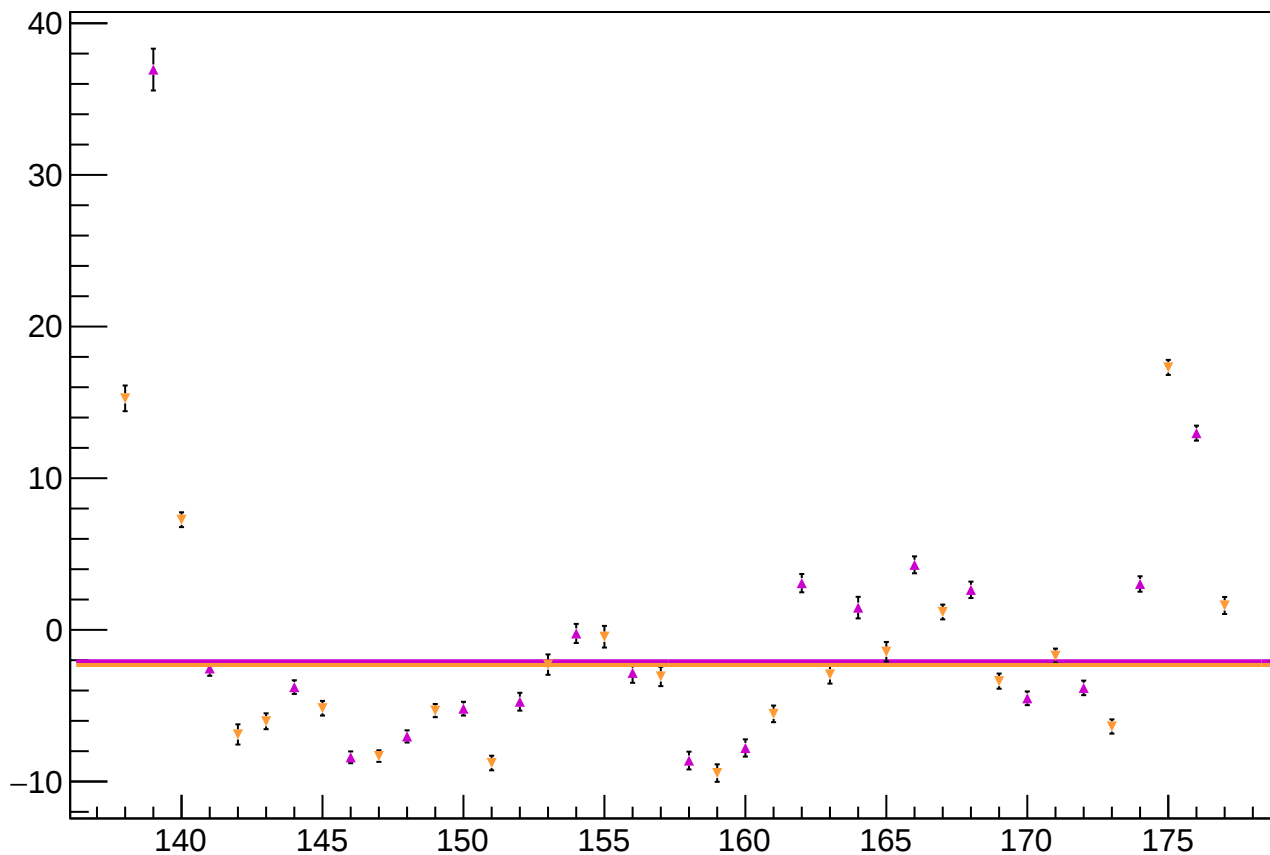
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.429+/-0.159 χ^2/NDF :7307.7/18

Out: -19.073+/-0.156 χ^2/NDF :8620.1/20

All: -18.757+/-0.112 χ^2/NDF : 15936.2/39

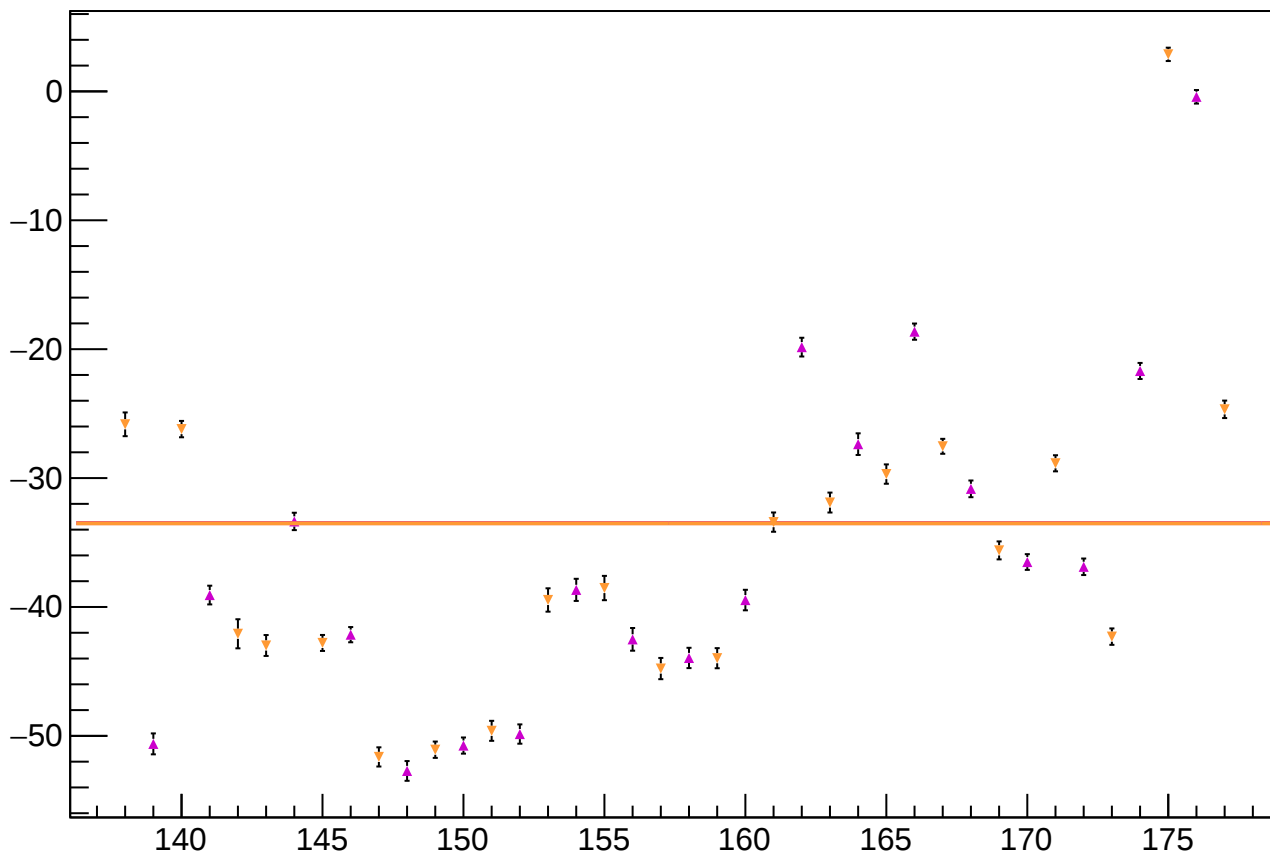
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -2.069+/-0.120 χ^2/NDF : 2908.3/18

Left: -2.197+/-0.083 χ^2/NDF : 6265.6/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.069+/-0.120 χ^2/NDF : 2908.3/18
 Out: -2.316+/-0.116 χ^2/NDF : 3355.1/20
 All: -2.197+/-0.083 χ^2/NDF : 6265.6/39

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -33.509 $\pm$ 0.156 χ^2/NDF :8340.4/20

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

Left In: -33.489 $\pm$ 0.158 χ^2/NDF :8308.5/18

Left: -33.499 $\pm$ 0.111 χ^2/NDF : 16648.9/39

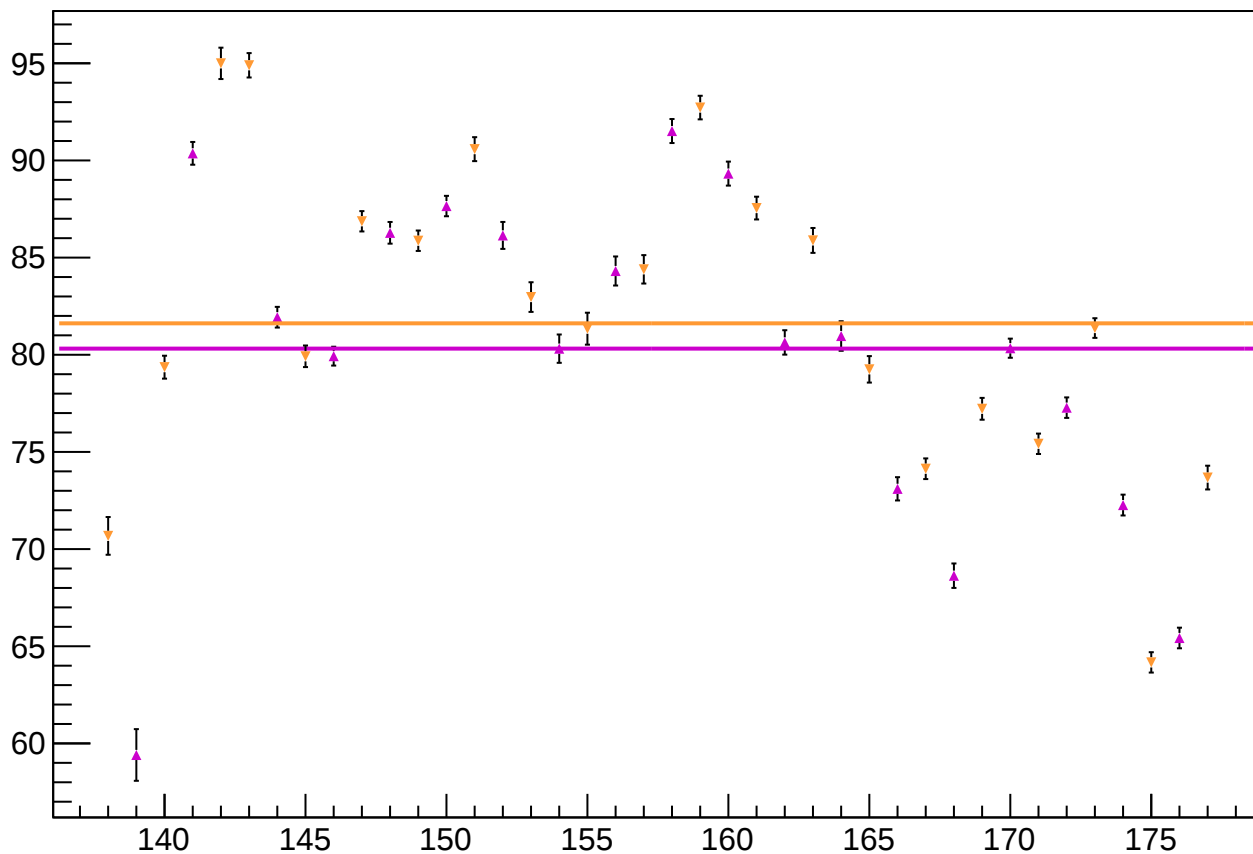
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -33.489 $\pm$ 0.158 χ^2/NDF :8308.5/18

Out: -33.509 $\pm$ 0.156 χ^2/NDF :8340.4/20

All: -33.499 $\pm$ 0.111 χ^2/NDF : 16648.9/39

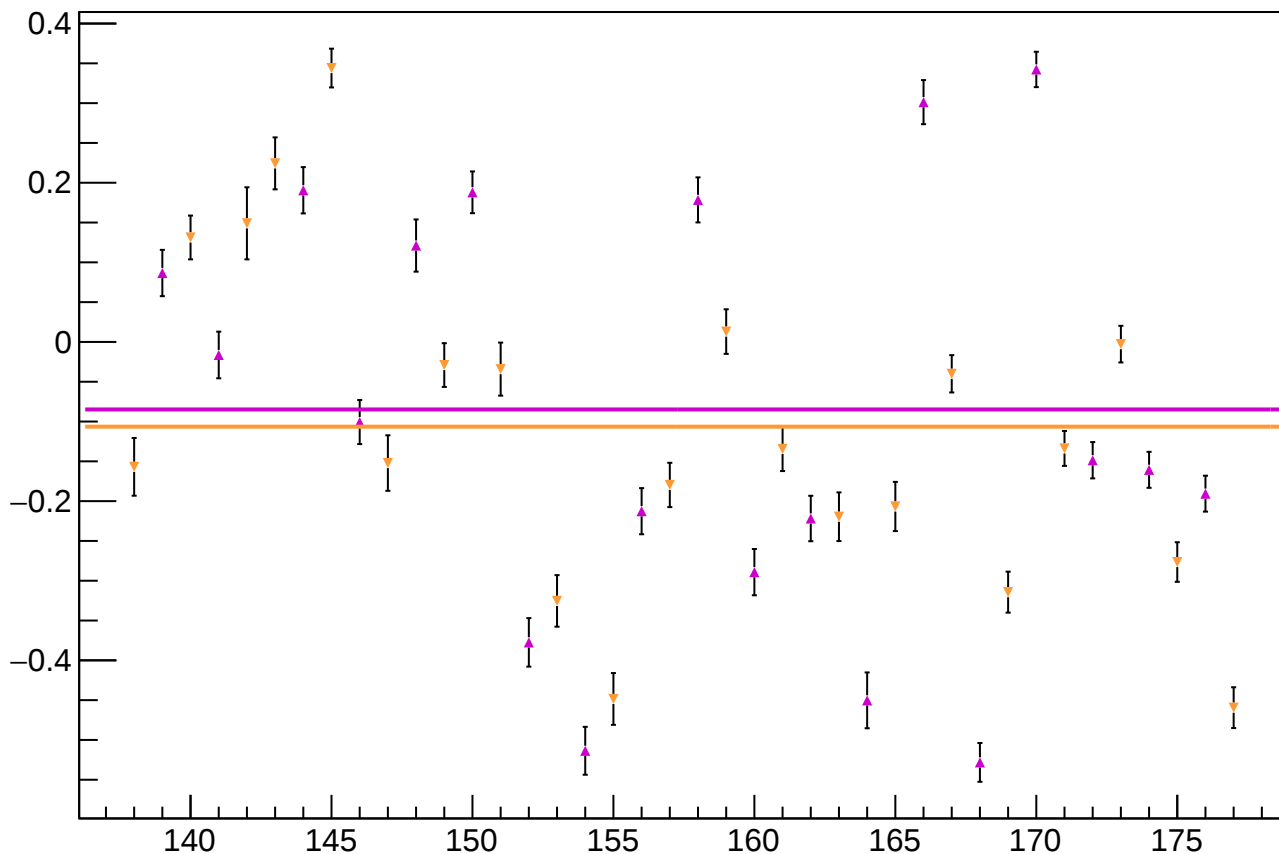
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 81.618 $\pm$ 0.132 χ^2 /NDF:3440.3/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 80.317 $\pm$ 0.137 χ^2 /NDF:3038.8/18

Left: 80.988 $\pm$ 0.095 χ^2 /NDF: 6525.7/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 80.317 $\pm$ 0.137 χ^2 /NDF:3038.8/18
 Out: 81.618 $\pm$ 0.132 χ^2 /NDF:3440.3/20
 All: 80.988 $\pm$ 0.095 χ^2 /NDF: 6525.7/39

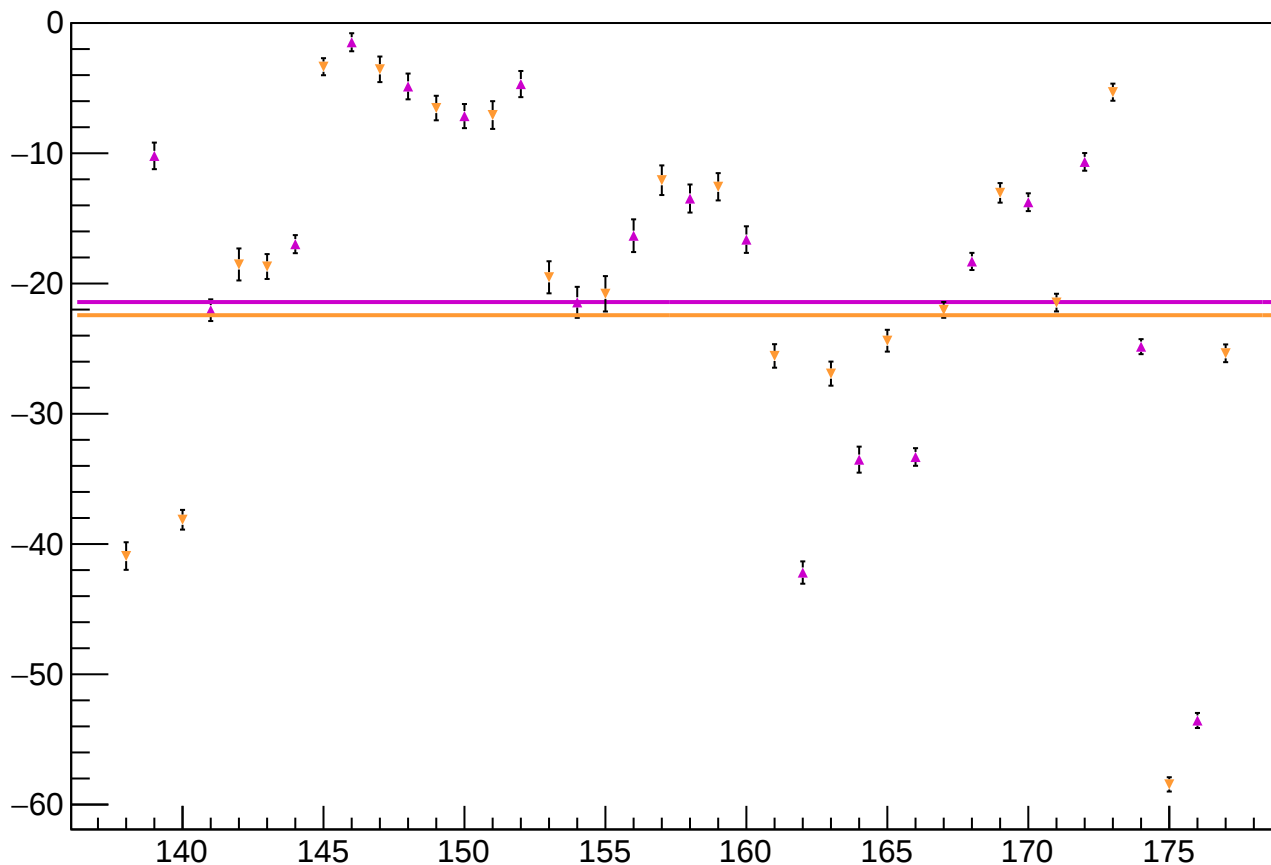
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.085 +/- 0.006 χ^2/NDF : 1796.4/18

Left: -0.096 +/- 0.004 χ^2/NDF : 2908.4/39
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: -0.085 +/- 0.006 χ^2/NDF : 1796.4/18
 Out: -0.106 +/- 0.006 χ^2/NDF : 1105.8/20
 All: -0.096 +/- 0.004 χ^2/NDF : 2908.4/39

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



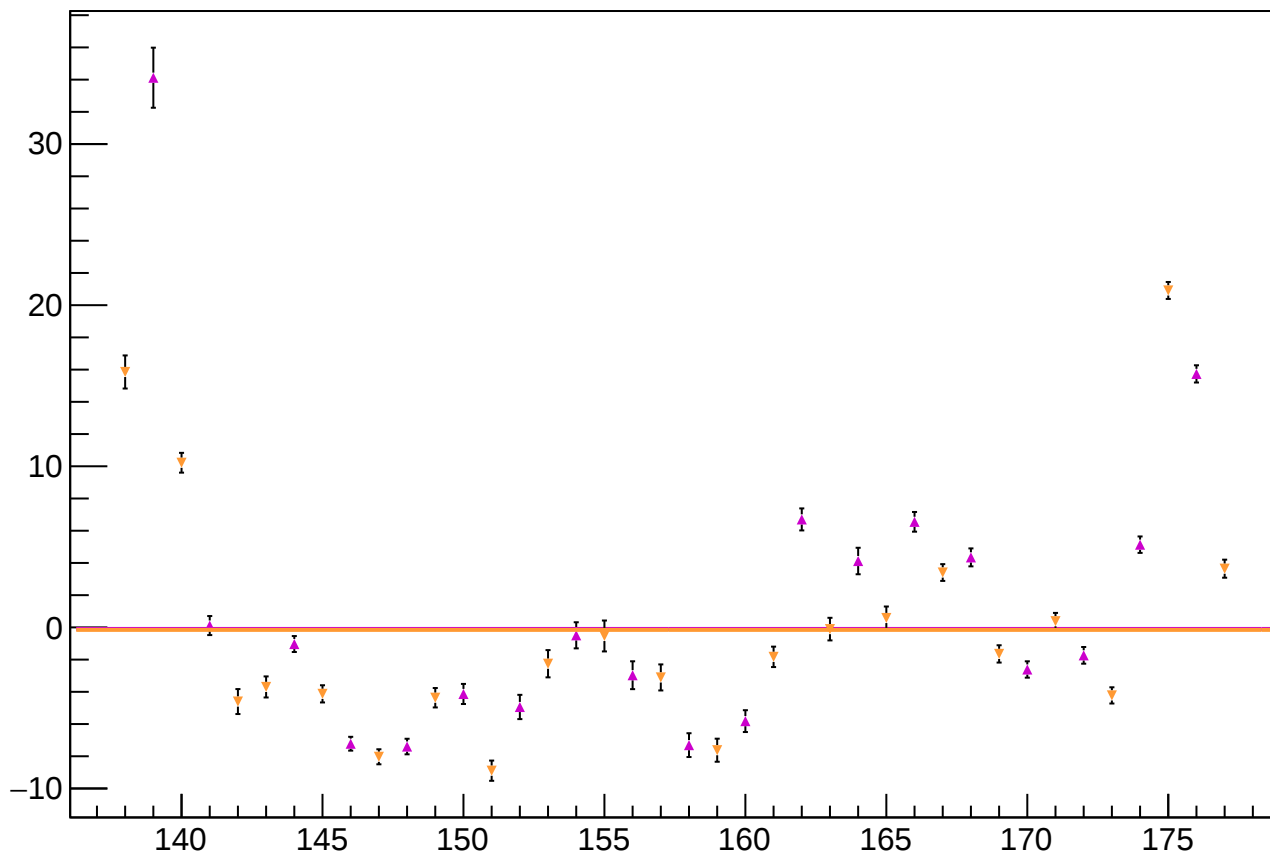
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -22.431+/-0.180 χ^2/NDF : 7853.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.423+/-0.182 χ^2/NDF : 6439.4/18

Left: -21.934+/-0.128 χ^2/NDF : 14308.4/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.423+/-0.182 χ^2/NDF : 6439.4/18
 Out: -22.431+/-0.180 χ^2/NDF : 7853.5/20

All: -21.934+/-0.128 χ^2/NDF : 14308.4/39

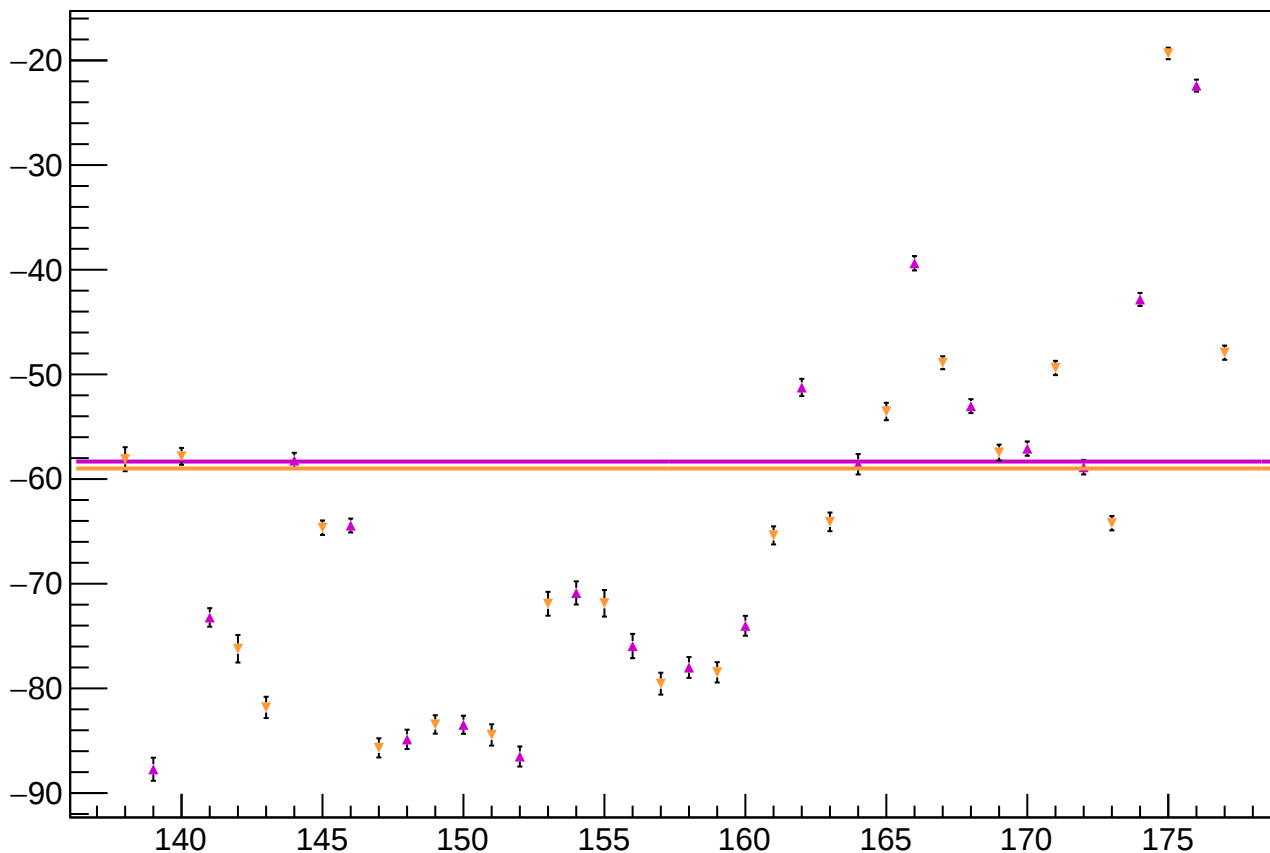
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -0.097+/-0.138 χ^2/NDF :2428.4/18

Left: -0.127+/-0.096 χ^2/NDF : 5506.1/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.097+/-0.138 χ^2/NDF :2428.4/18
 Out: -0.155+/-0.135 χ^2/NDF :3077.6/20
 All: -0.127+/-0.096 χ^2/NDF : 5506.1/39

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: -58.327+/-0.182 χ^2/NDF :10061.5/18

Left: -58.662+/-0.128 χ^2/NDF : 20193.9/39

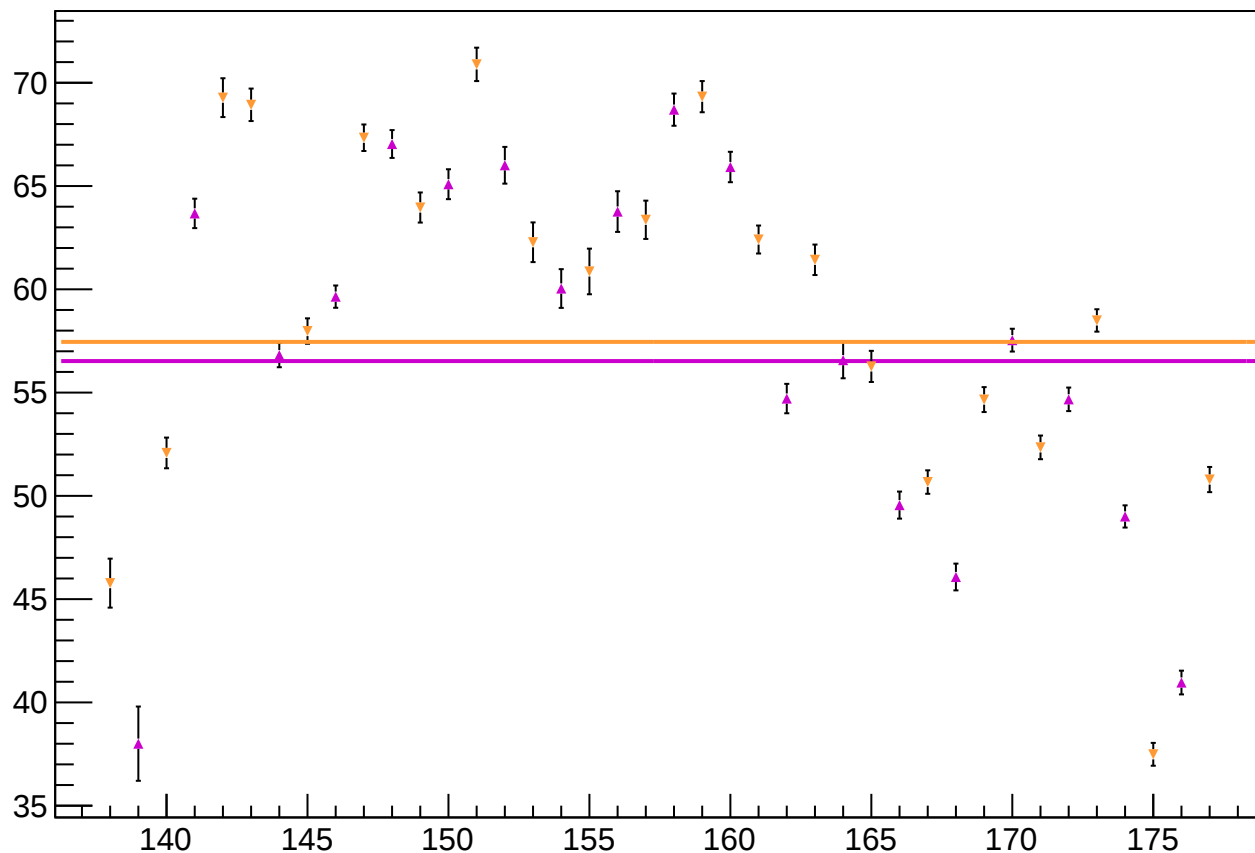
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -58.327+/-0.182 χ^2/NDF :10061.5/18

Out: -58.989+/-0.180 χ^2/NDF :10125.7/20

All: -58.662+/-0.128 χ^2/NDF : 20193.9/39

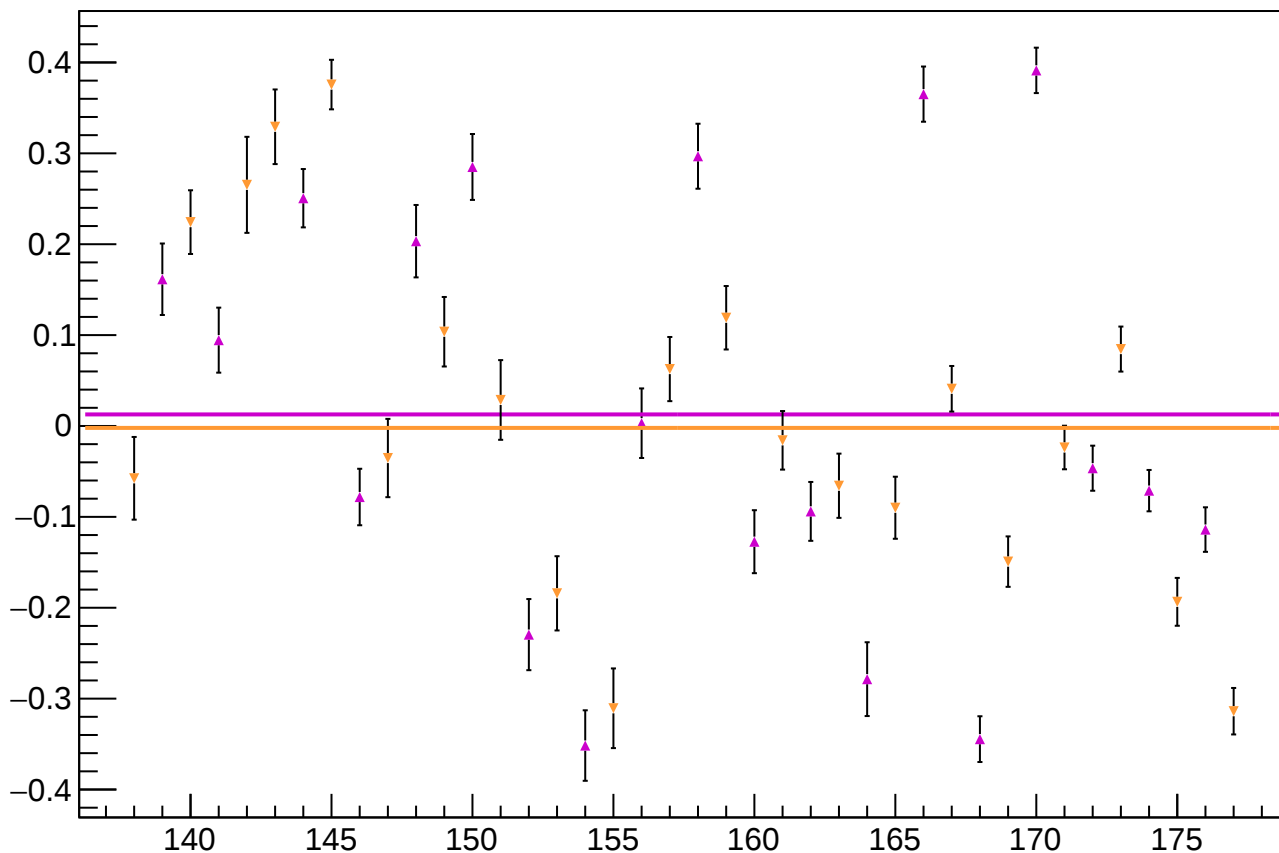
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 57.455+/-0.153 χ^2/NDF :3190.6/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 56.526+/-0.157 χ^2/NDF :2534.9/18

Left: 57.002+/-0.110 χ^2/NDF : 5743.4/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 56.526+/-0.157 χ^2/NDF :2534.9/18
 Out: 57.455+/-0.153 χ^2/NDF :3190.6/20
 All: 57.002+/-0.110 χ^2/NDF : 5743.4/39

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: 0.013 $\pm$ 0.007 χ^2 /NDF:1042.4/18

Left: 0.005 $\pm$ 0.005 χ^2 /NDF: 1719.8/39

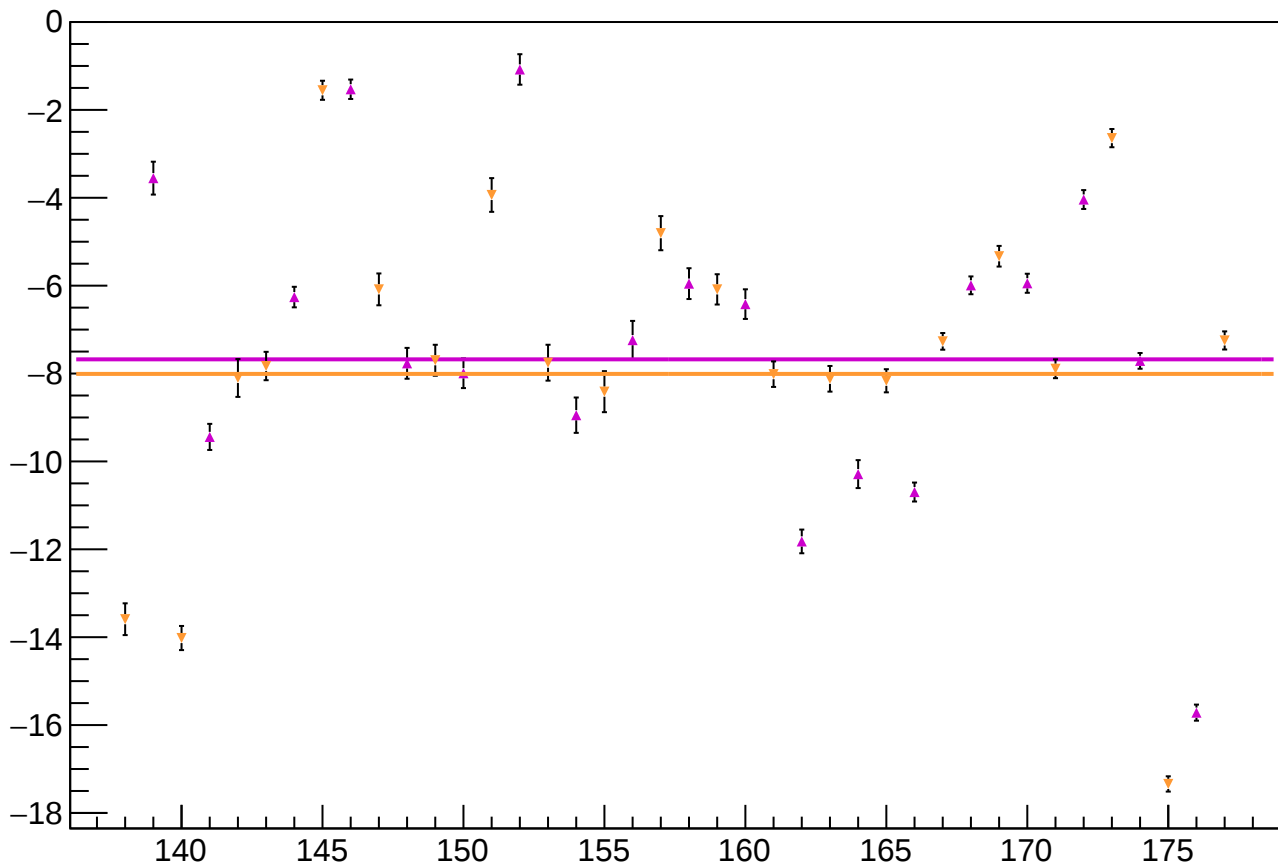
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.013 $\pm$ 0.007 χ^2 /NDF:1042.4/18

Out: -0.002 $\pm$ 0.007 χ^2 /NDF:675.2/20

All: 0.005 $\pm$ 0.005 χ^2 /NDF: 1719.8/39

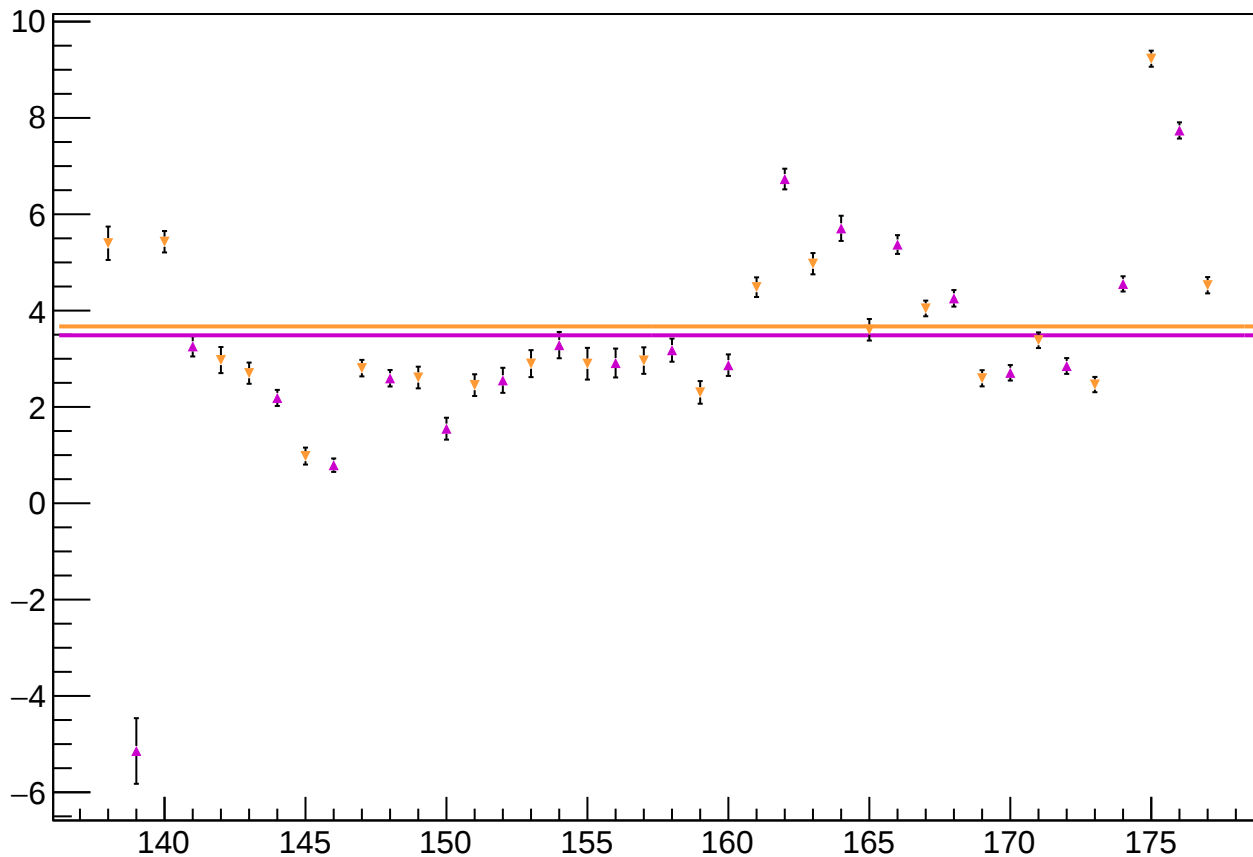
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -7.677 $\pm$ 0.059 χ^2/NDF :4229.6/18

Left: -7.845 $\pm$ 0.042 χ^2/NDF : 9794.5/39
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -7.677 $\pm$ 0.059 χ^2/NDF :4229.6/18
 Out: -8.008 $\pm$ 0.059 χ^2/NDF :5549.1/20
 All: -7.845 $\pm$ 0.042 χ^2/NDF : 9794.5/39

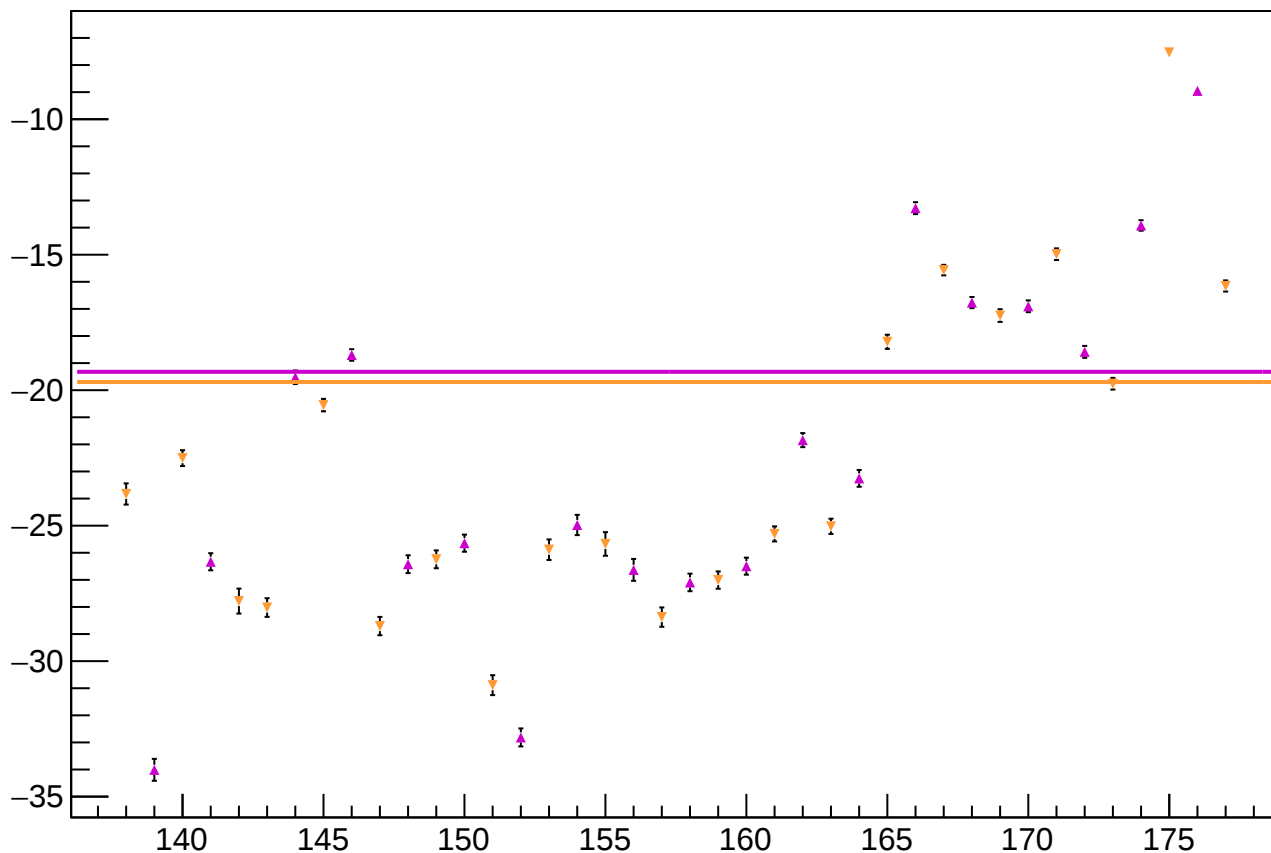
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 3.487+/-0.045 χ^2/NDF :1859.1/18

Left: 3.581+/-0.032 χ^2/NDF : 3639.1/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.487+/-0.045 χ^2/NDF :1859.1/18
 Out: 3.672+/-0.044 χ^2/NDF :1771.5/20
 All: 3.581+/-0.032 χ^2/NDF : 3639.1/39

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: -19.321+/-0.059 χ^2/NDF :11342.4/18

Left: -19.512+/-0.042 χ^2/NDF : 23069.0/39

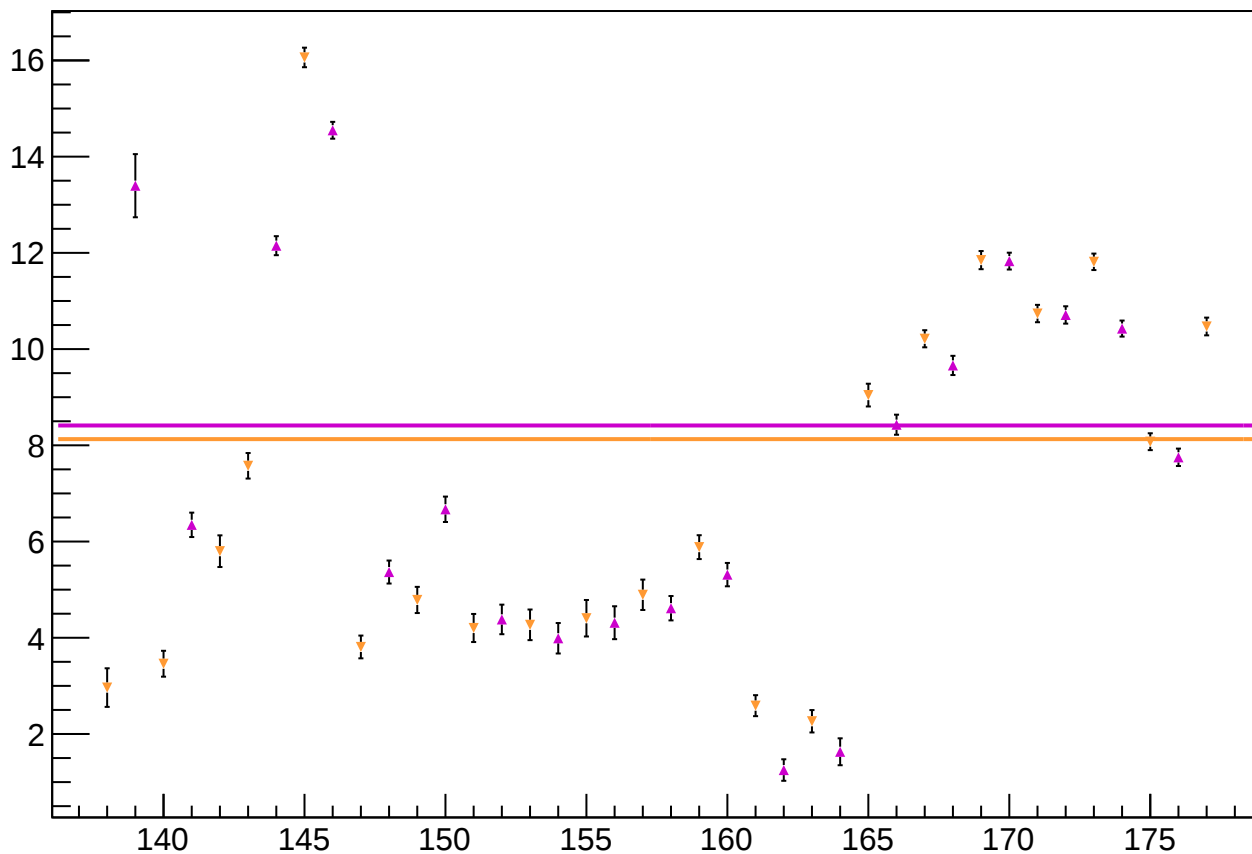
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.321+/-0.059 χ^2/NDF :11342.4/18

Out: -19.698+/-0.059 χ^2/NDF :11706.2/20

All: -19.512+/-0.042 χ^2/NDF : 23069.0/39

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 8.129 $\pm$ 0.050 χ^2 /NDF:5797.2/20

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

Left In: 8.412 $\pm$ 0.051 χ^2 /NDF:5173.2/18

Left: 8.267 $\pm$ 0.036 χ^2 /NDF: 10986.0/39

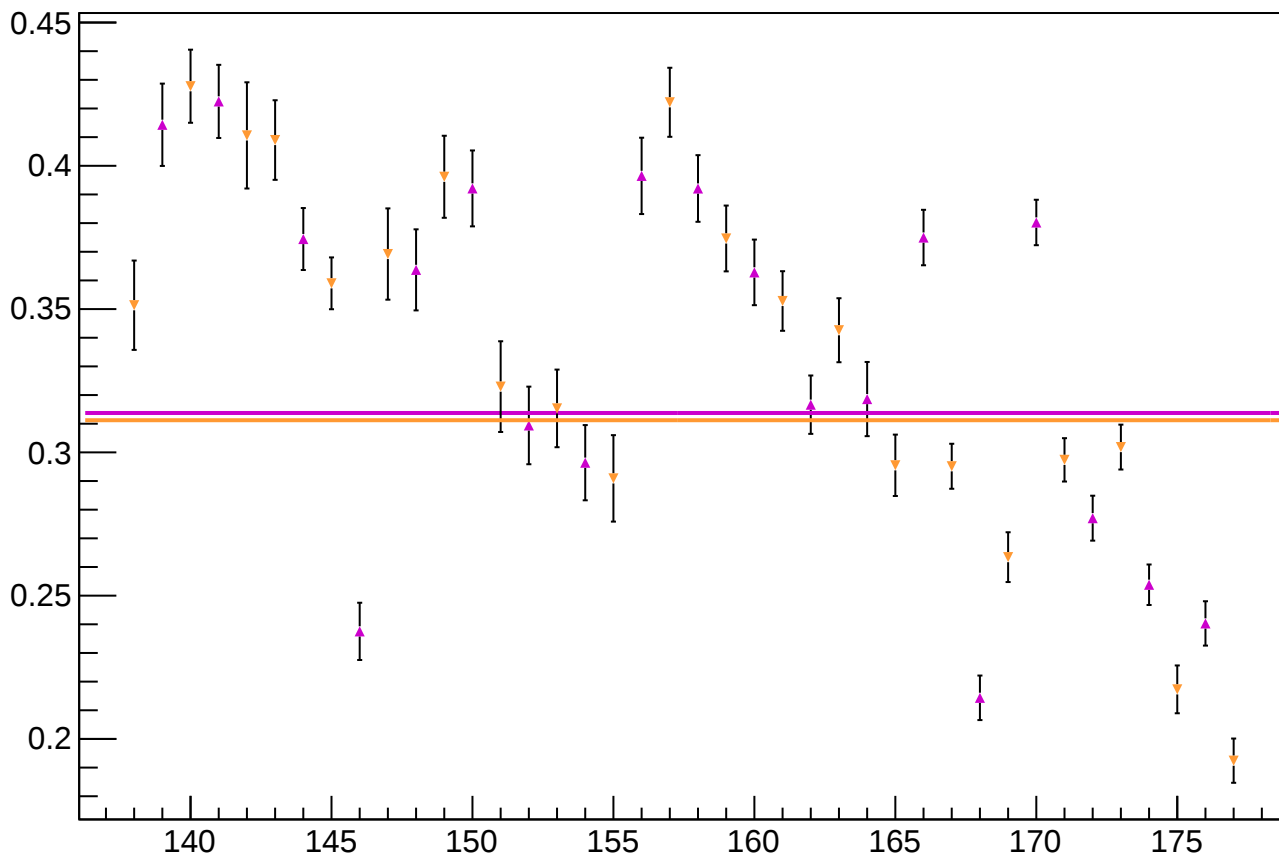
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 8.412 $\pm$ 0.051 χ^2 /NDF:5173.2/18

Out: 8.129 $\pm$ 0.050 χ^2 /NDF:5797.2/20

All: 8.267 $\pm$ 0.036 χ^2 /NDF: 10986.0/39

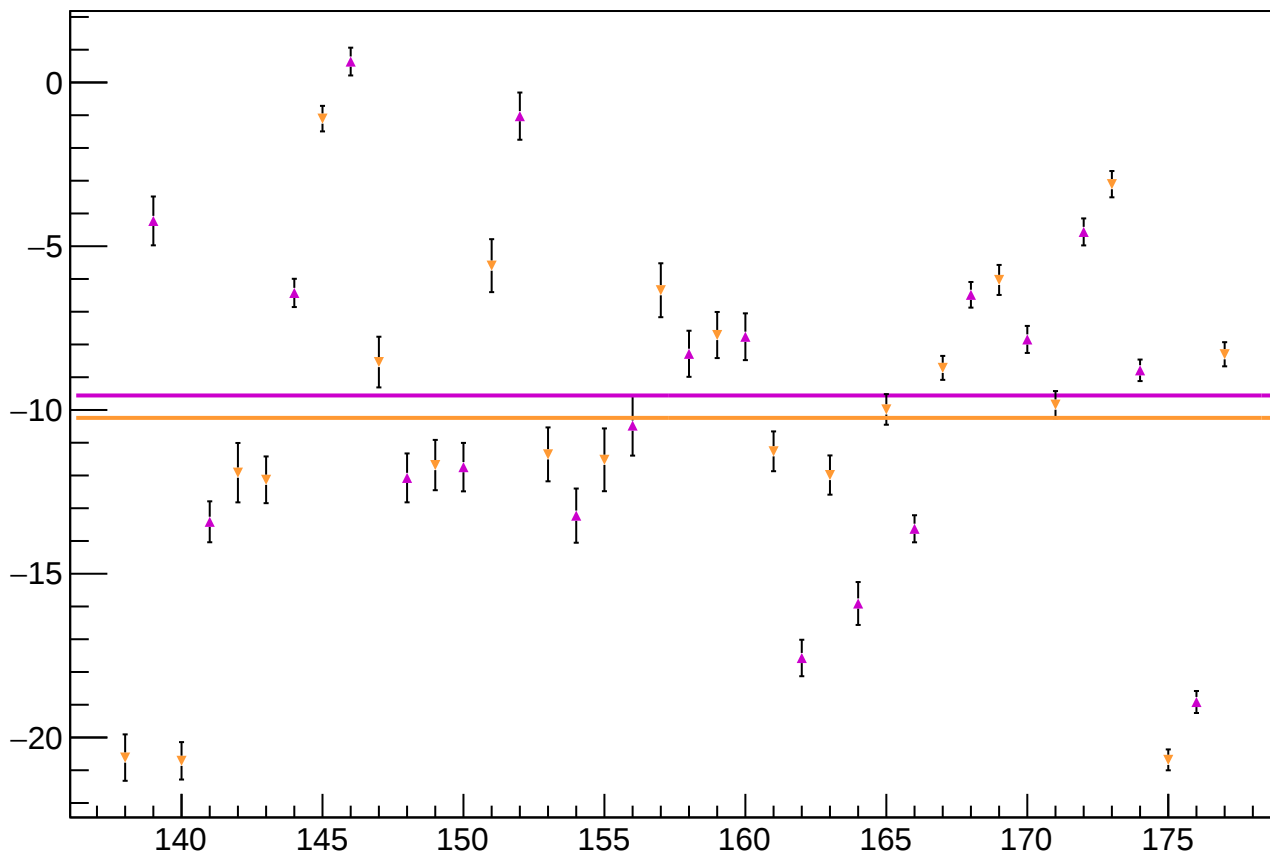
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.311+/-0.002 χ^2/NDF : 791.3/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.314+/-0.002 χ^2/NDF : 821.2/18

Left: 0.312+/-0.002 χ^2/NDF : 1613.1/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.314+/-0.002 χ^2/NDF : 821.2/18
 Out: 0.311+/-0.002 χ^2/NDF : 791.3/20
 All: 0.312+/-0.002 χ^2/NDF : 1613.1/39

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.241 ± 0.114 χ^2/NDF : 2721.3/20

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

Left In: -9.557 ± 0.115 χ^2/NDF : 2315.3/18

Left: -9.904 ± 0.081 χ^2/NDF : 5054.4/39

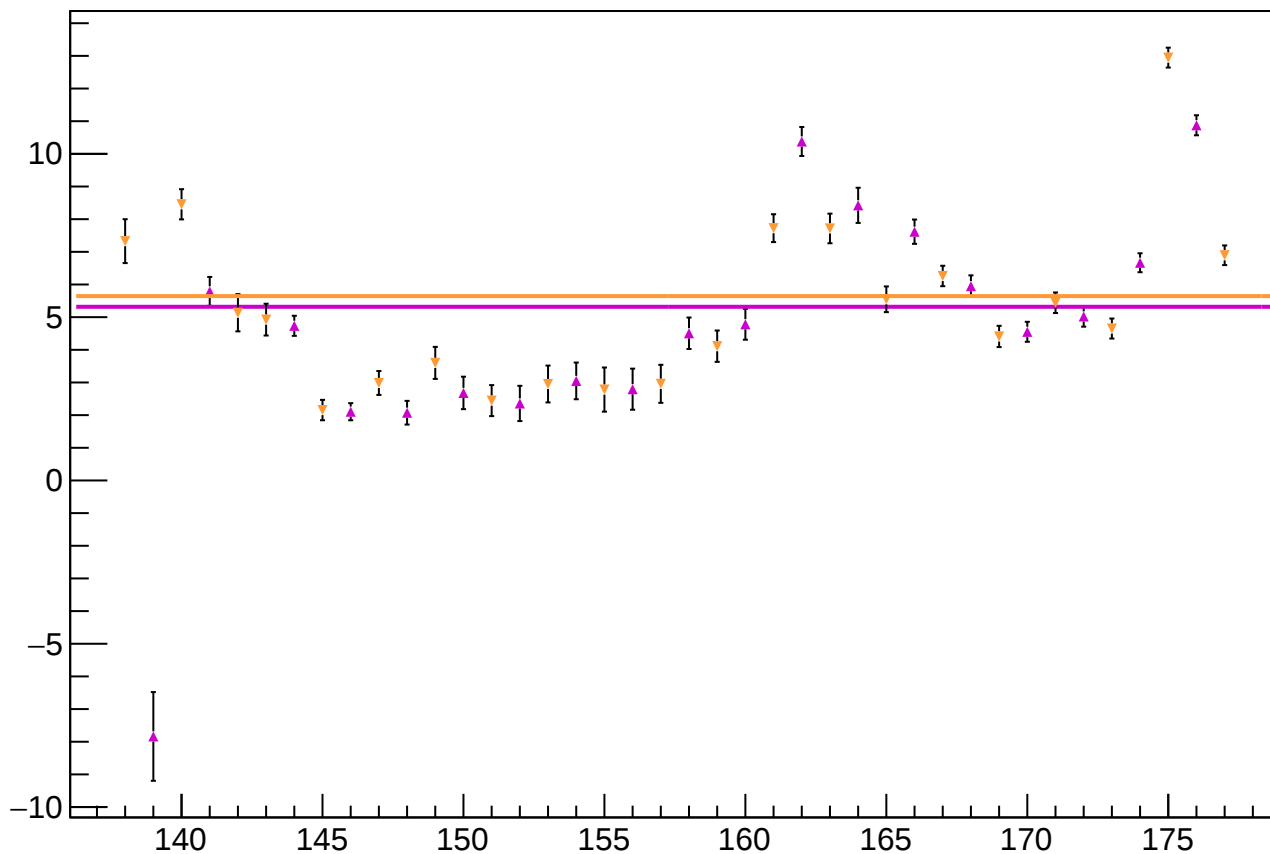
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -9.557 ± 0.115 χ^2/NDF : 2315.3/18

Out: -10.241 ± 0.114 χ^2/NDF : 2721.3/20

All: -9.904 ± 0.081 χ^2/NDF : 5054.4/39

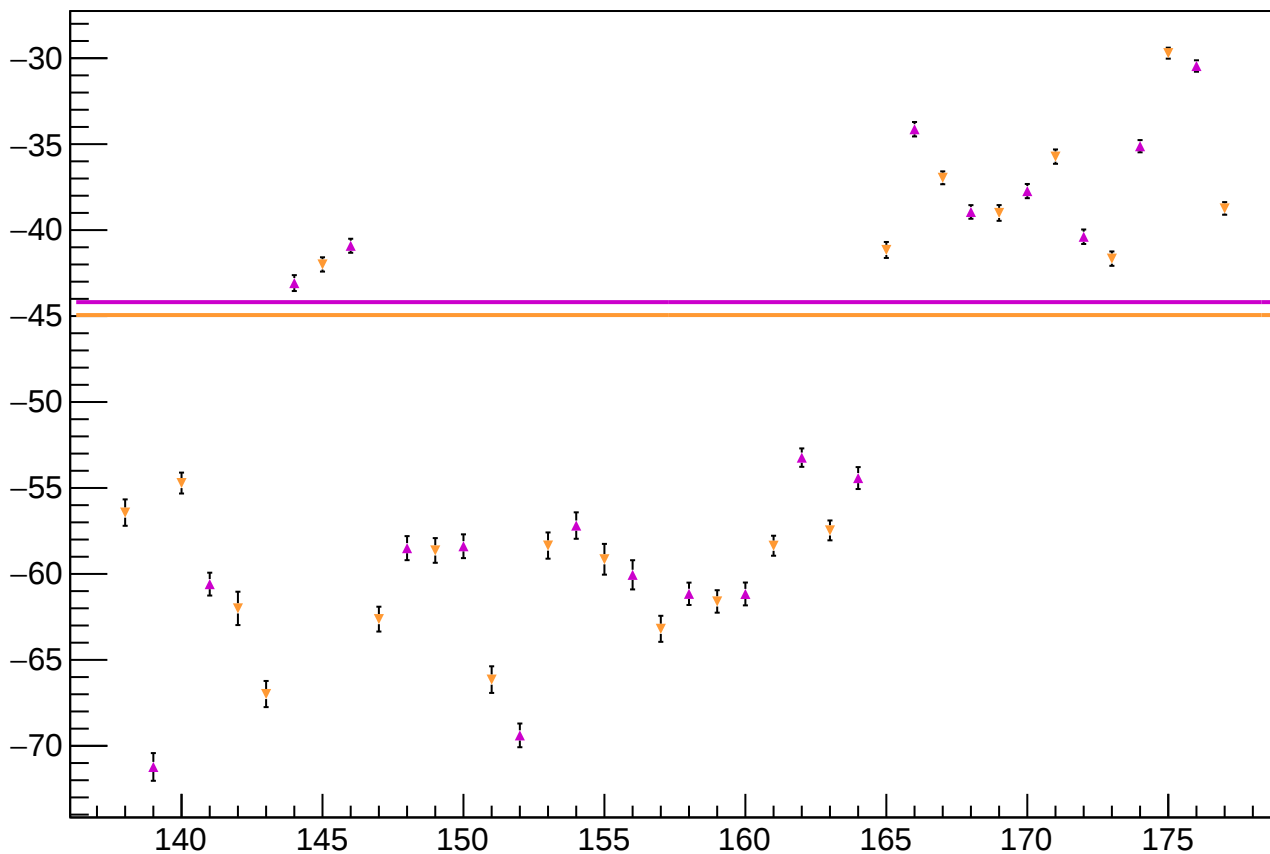
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.645+/-0.087 χ^2/NDF :1025.1/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.318+/-0.088 χ^2/NDF :985.4/18

Left: 5.484+/-0.062 χ^2/NDF : 2017.5/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.318+/-0.088 χ^2/NDF :985.4/18
 Out: 5.645+/-0.087 χ^2/NDF :1025.1/20
 All: 5.484+/-0.062 χ^2/NDF : 2017.5/39

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -44.942 $\pm$ 0.114 χ^2 /NDF:9981.5/20

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

Left In: -44.190 $\pm$ 0.116 χ^2 /NDF:9915.2/18

Left: -44.571 $\pm$ 0.081 χ^2 /NDF: 19918.1/39

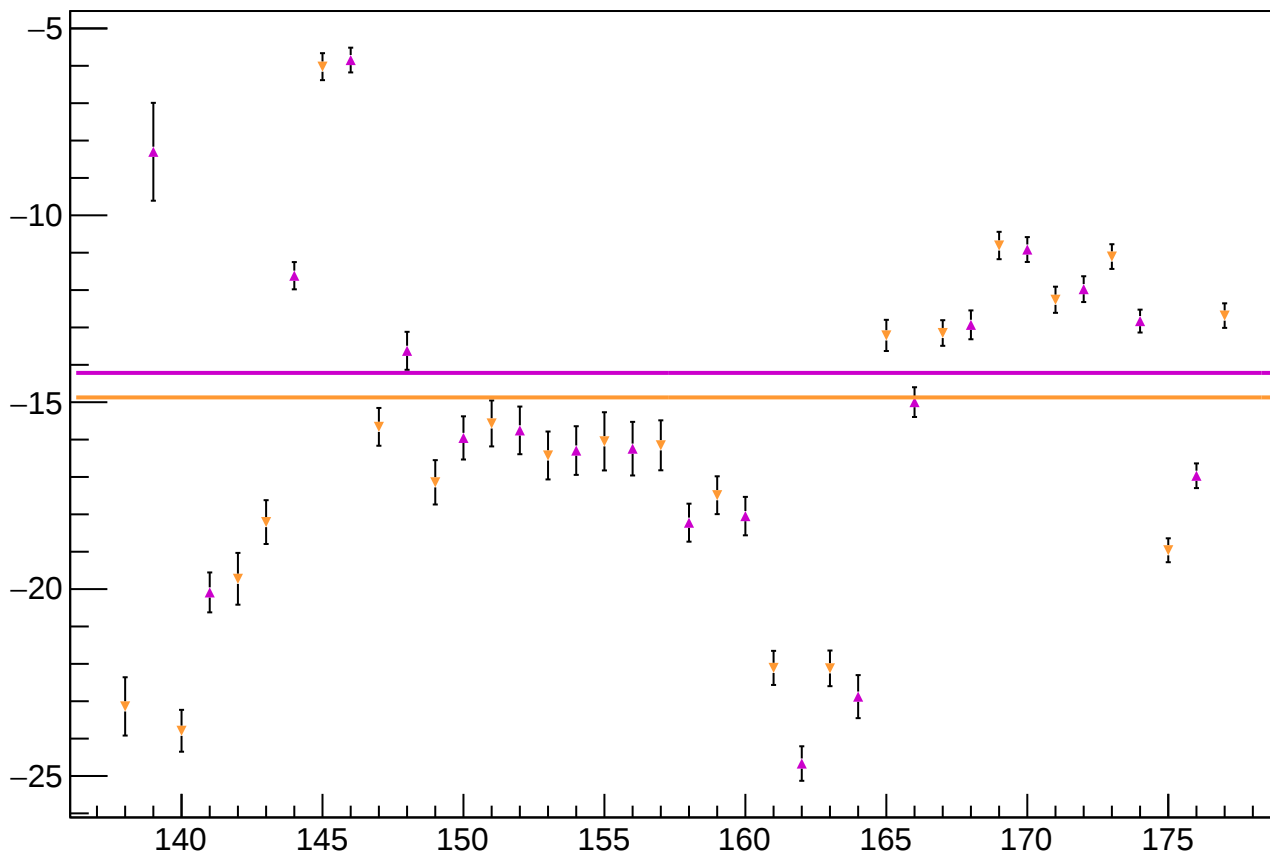
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -44.190 $\pm$ 0.116 χ^2 /NDF:9915.2/18

Out: -44.942 $\pm$ 0.114 χ^2 /NDF:9981.5/20

All: -44.571 $\pm$ 0.081 χ^2 /NDF: 19918.1/39

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -14.872 ± 0.098 $\chi^2/\text{NDF}: 2146.4/20$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -14.216 ± 0.100 $\chi^2/\text{NDF}: 1967.0/18$

Left: -14.551 ± 0.070 $\chi^2/\text{NDF}: 4135.4/39$

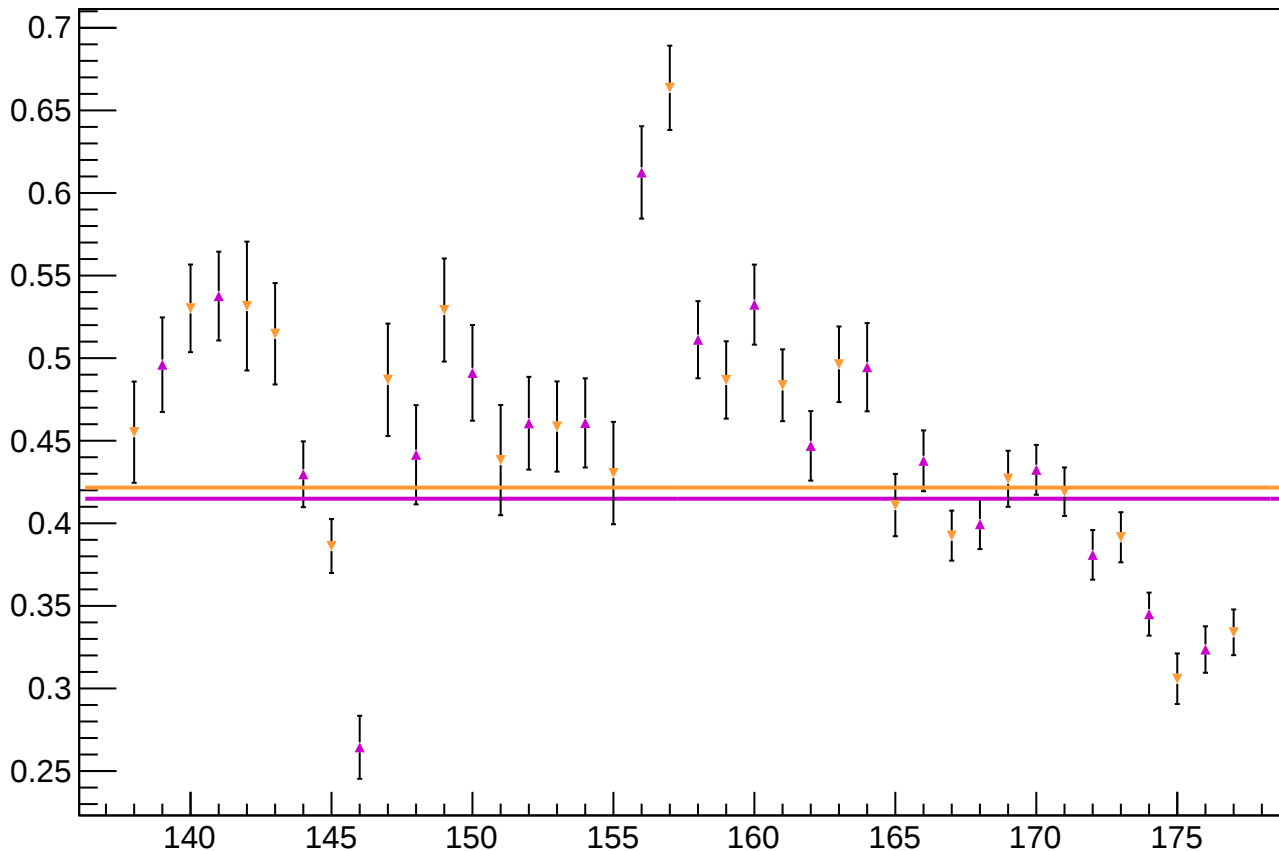
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.216 ± 0.100 $\chi^2/\text{NDF}: 1967.0/18$

Out: -14.872 ± 0.098 $\chi^2/\text{NDF}: 2146.4/20$

All: -14.551 ± 0.070 $\chi^2/\text{NDF}: 4135.4/39$

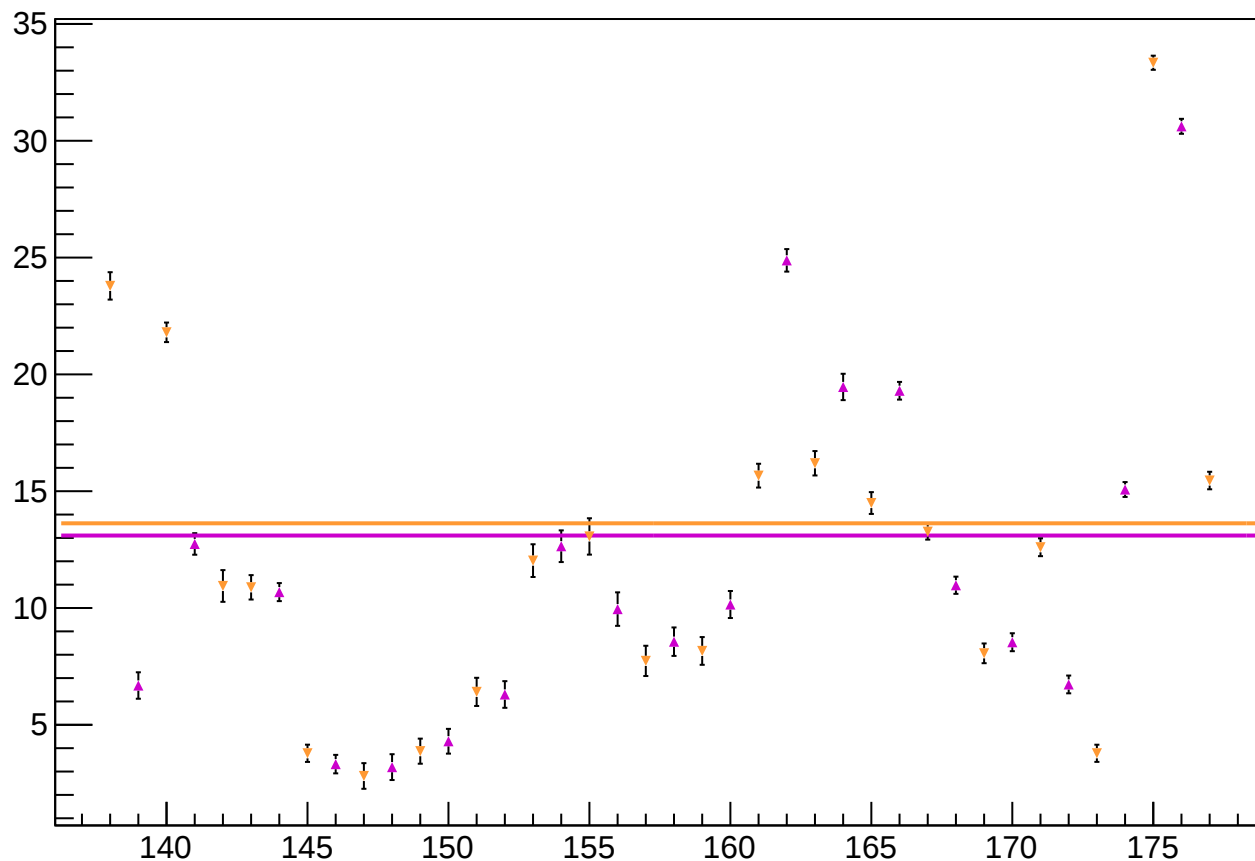
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.415 $\pm$ 0.005 χ^2 /NDF:286.4/18

Left: 0.418 $\pm$ 0.003 χ^2 /NDF: 566.7/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.415 $\pm$ 0.005 χ^2 /NDF:286.4/18
 Out: 0.422 $\pm$ 0.004 χ^2 /NDF:279.2/20
 All: 0.418 $\pm$ 0.003 χ^2 /NDF: 566.7/39

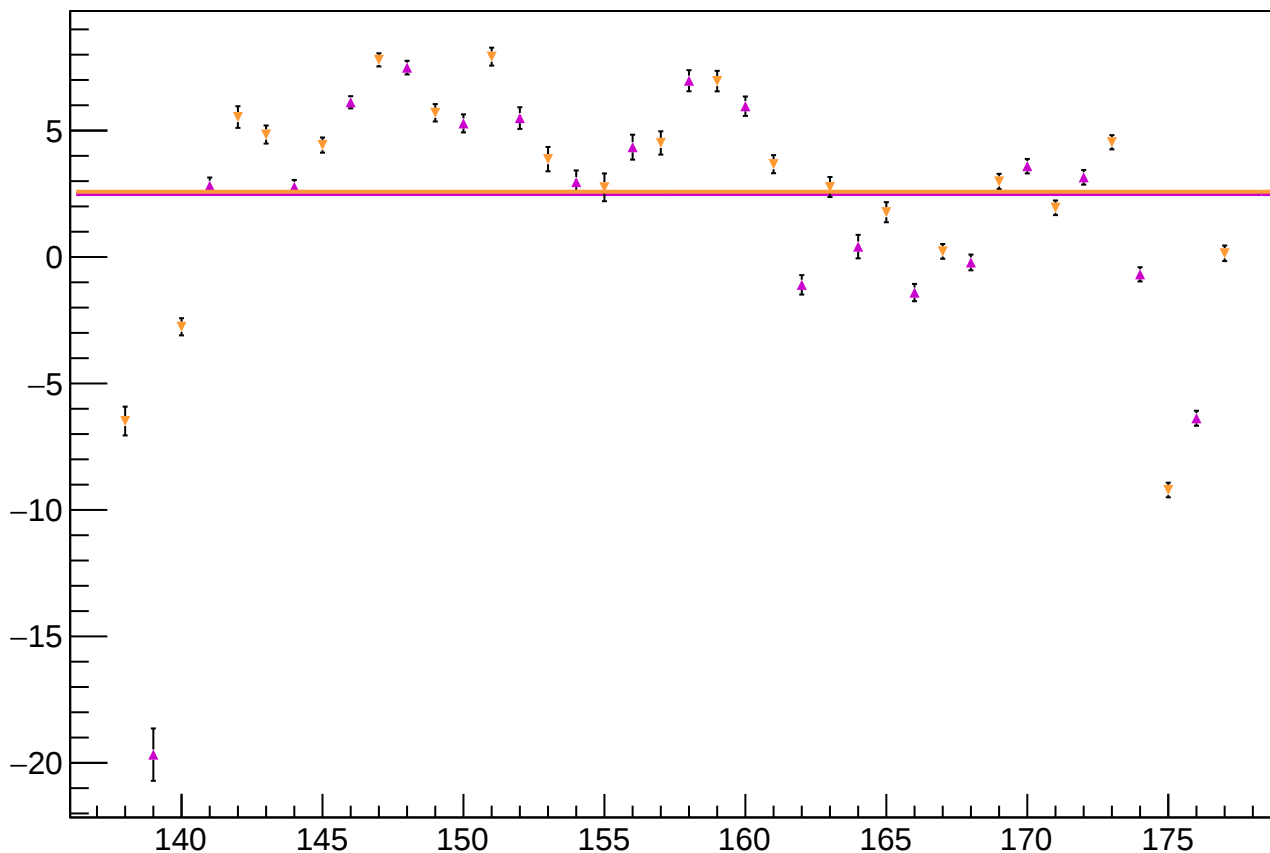
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 13.626+/-0.101 χ^2/NDF :7674.0/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 13.102+/-0.102 χ^2/NDF :6096.9/18

Left: 13.368+/-0.072 χ^2/NDF : 13784.2/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 13.102+/-0.102 χ^2/NDF :6096.9/18
 Out: 13.626+/-0.101 χ^2/NDF :7674.0/20
 All: 13.368+/-0.072 χ^2/NDF : 13784.2/39

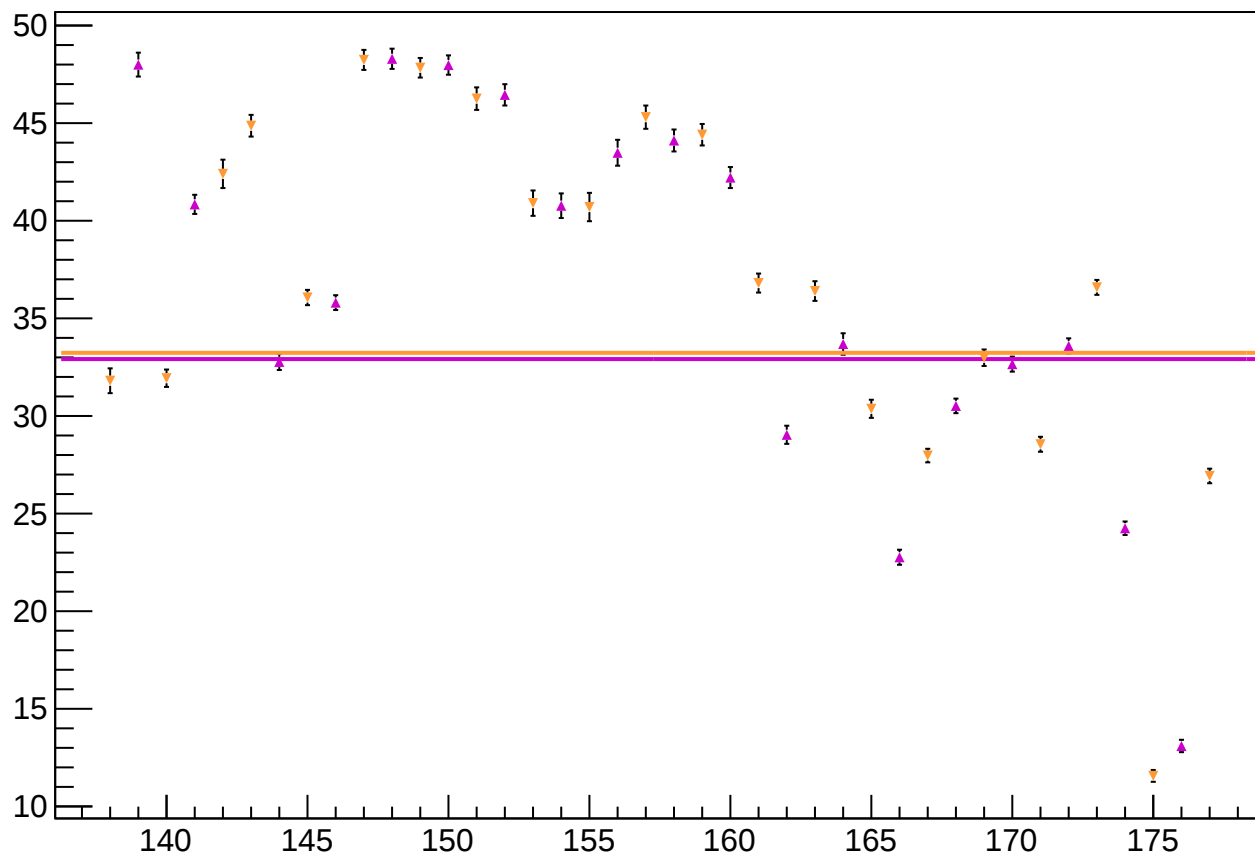
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.582+/-0.075 χ^2/NDF :3321.1/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.489+/-0.077 χ^2/NDF :2708.7/18

Left: 2.536+/-0.054 χ^2/NDF : 6030.5/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.489+/-0.077 χ^2/NDF :2708.7/18
 Out: 2.582+/-0.075 χ^2/NDF :3321.1/20
 All: 2.536+/-0.054 χ^2/NDF : 6030.5/39

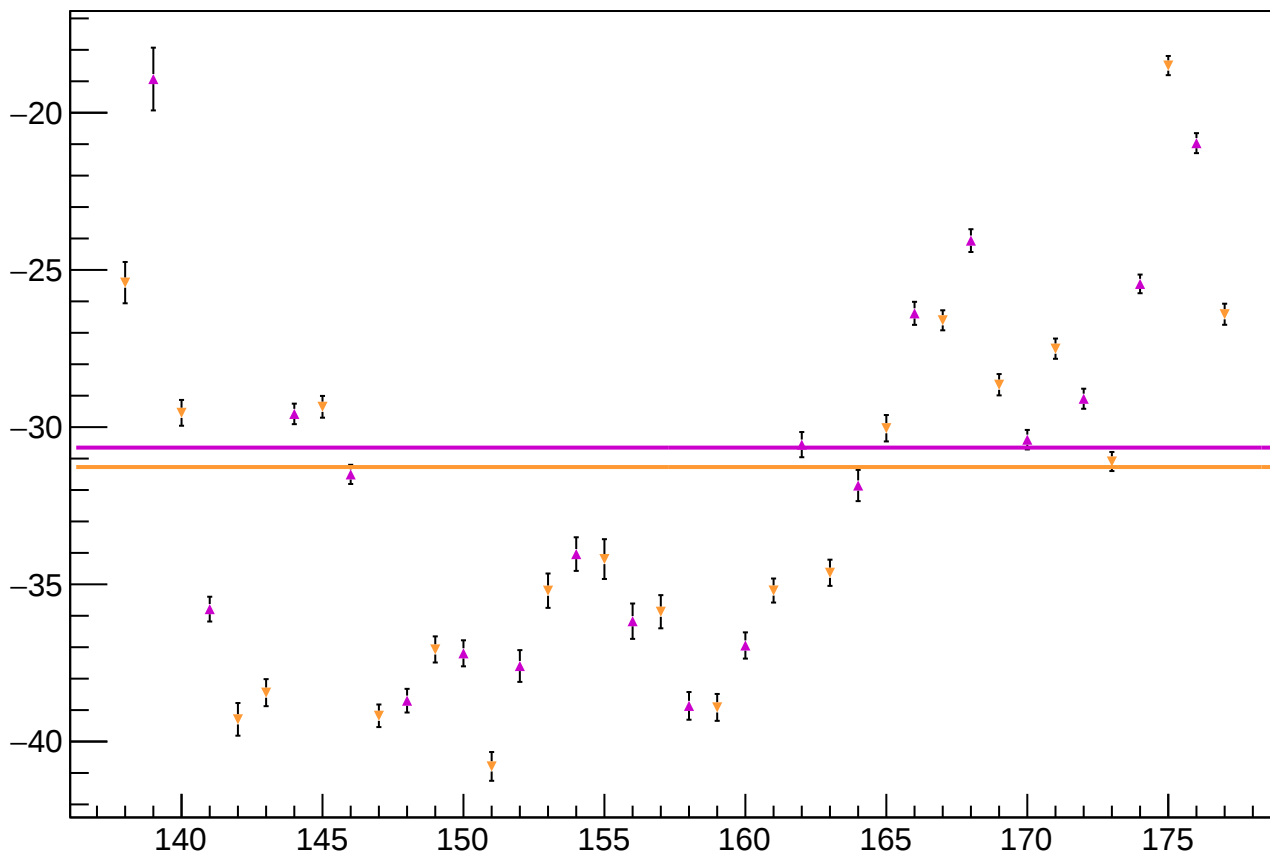
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 32.915 $\pm$ 0.102 χ^2 /NDF:9792.6/18

Left: 33.077 $\pm$ 0.072 χ^2 /NDF: 19710.9/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 32.915 $\pm$ 0.102 χ^2 /NDF:9792.6/18
 Out: 33.235 $\pm$ 0.101 χ^2 /NDF:9913.3/20
 All: 33.077 $\pm$ 0.072 χ^2 /NDF: 19710.9/39

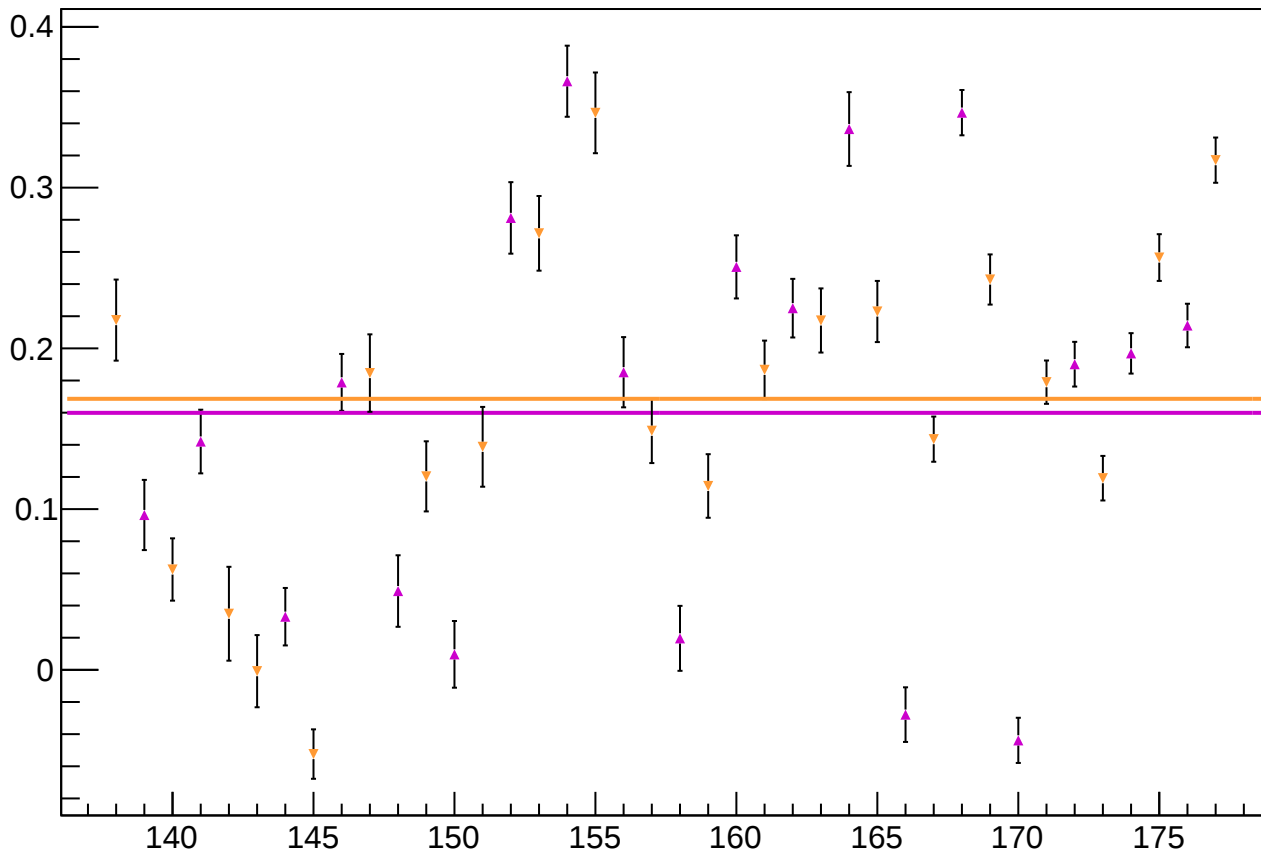
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -30.651+/-0.088 χ^2/NDF : 3664.4/18

Left: -30.969+/-0.061 χ^2/NDF : 8468.6/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -30.651+/-0.088 χ^2/NDF : 3664.4/18
 Out: -31.269+/-0.086 χ^2/NDF : 4779.0/20
 All: -30.969+/-0.061 χ^2/NDF : 8468.6/39

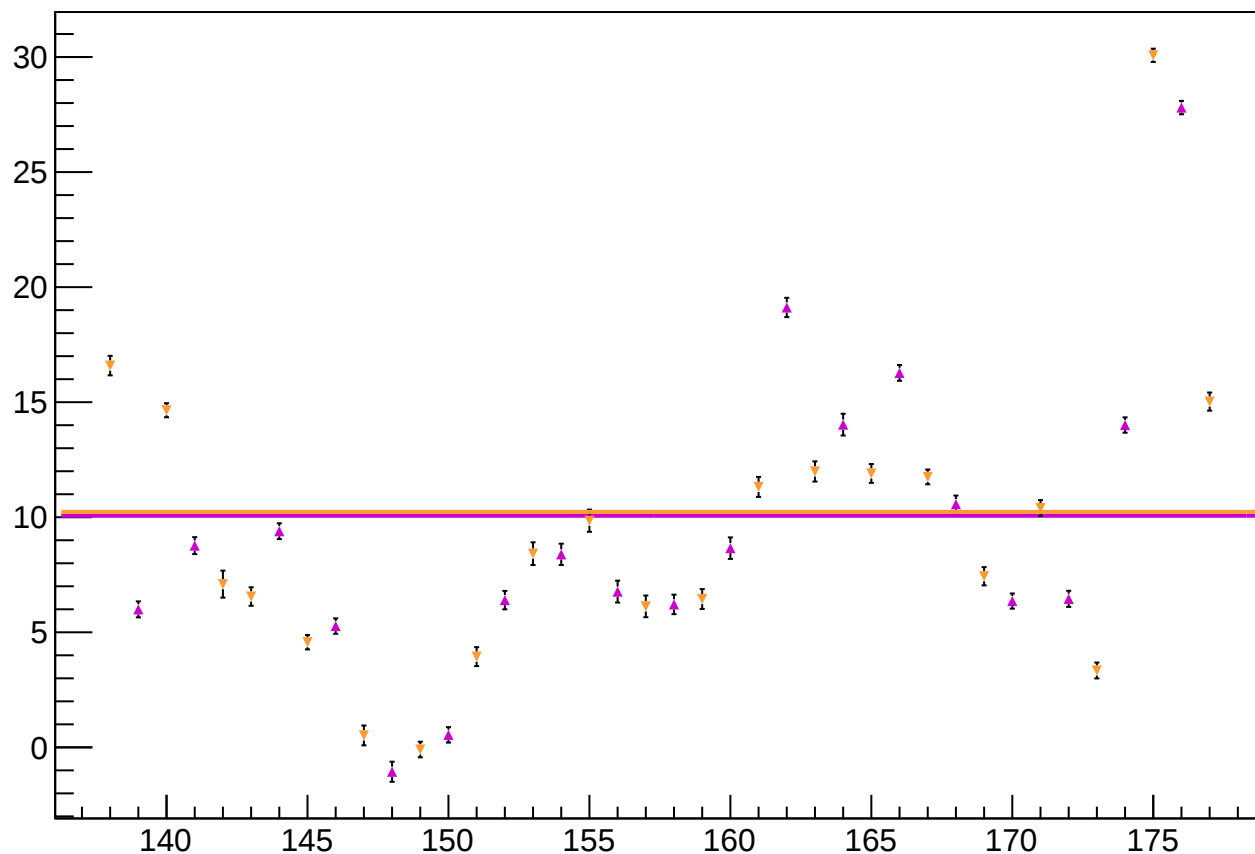
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.169 $\pm$ 0.004 χ^2 /NDF:605.4/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:935.0/18

Left: 0.164 $\pm$ 0.003 χ^2 /NDF: 1542.8/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.160 $\pm$ 0.004 χ^2 /NDF:935.0/18
 Out: 0.169 $\pm$ 0.004 χ^2 /NDF:605.4/20
 All: 0.164 $\pm$ 0.003 χ^2 /NDF: 1542.8/39

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 10.232 $\pm$ 0.084 χ^2 /NDF:8081.8/20

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

Left In: 10.064 $\pm$ 0.086 χ^2 /NDF:7019.2/18

Left: 10.150 $\pm$ 0.060 χ^2 /NDF: 15103.0/39

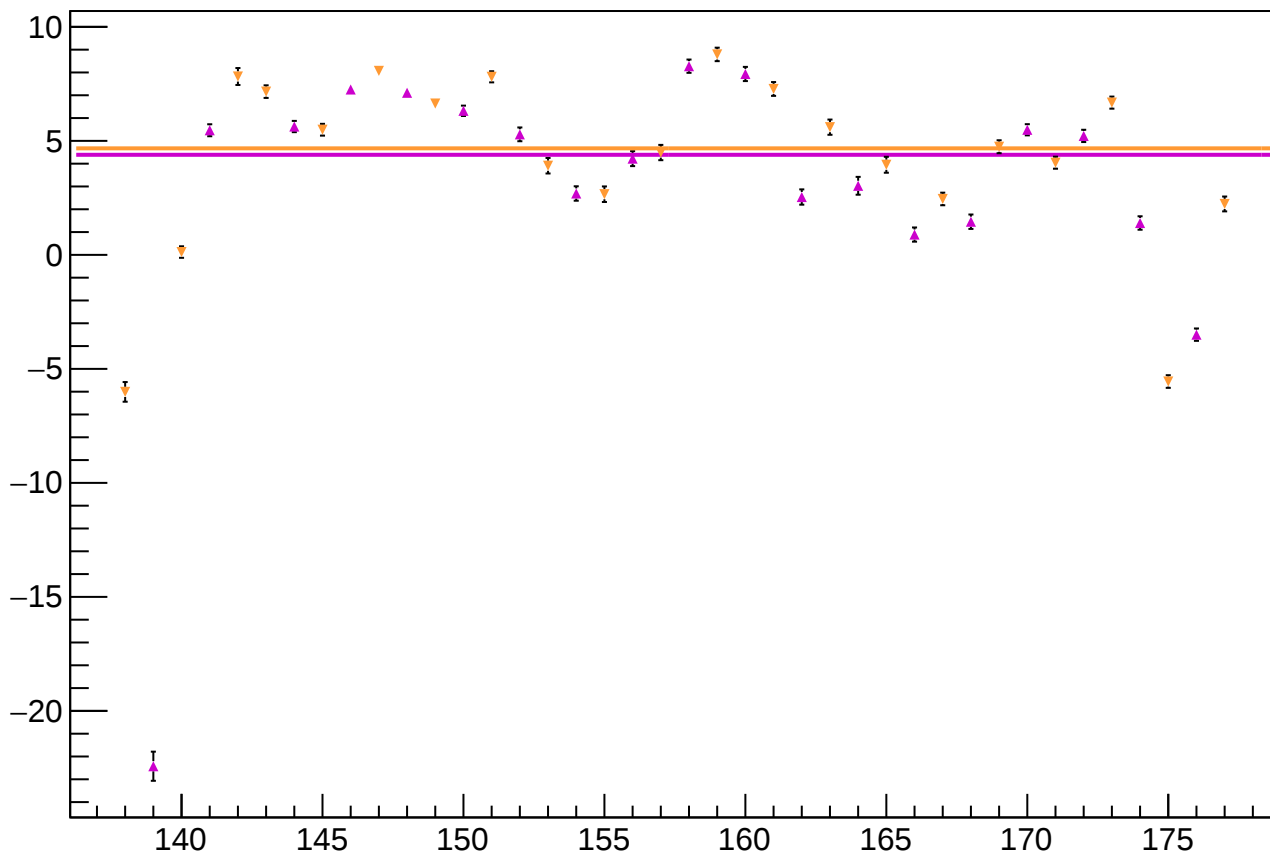
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 10.064 $\pm$ 0.086 χ^2 /NDF:7019.2/18

Out: 10.232 $\pm$ 0.084 χ^2 /NDF:8081.8/20

All: 10.150 $\pm$ 0.060 χ^2 /NDF: 15103.0/39

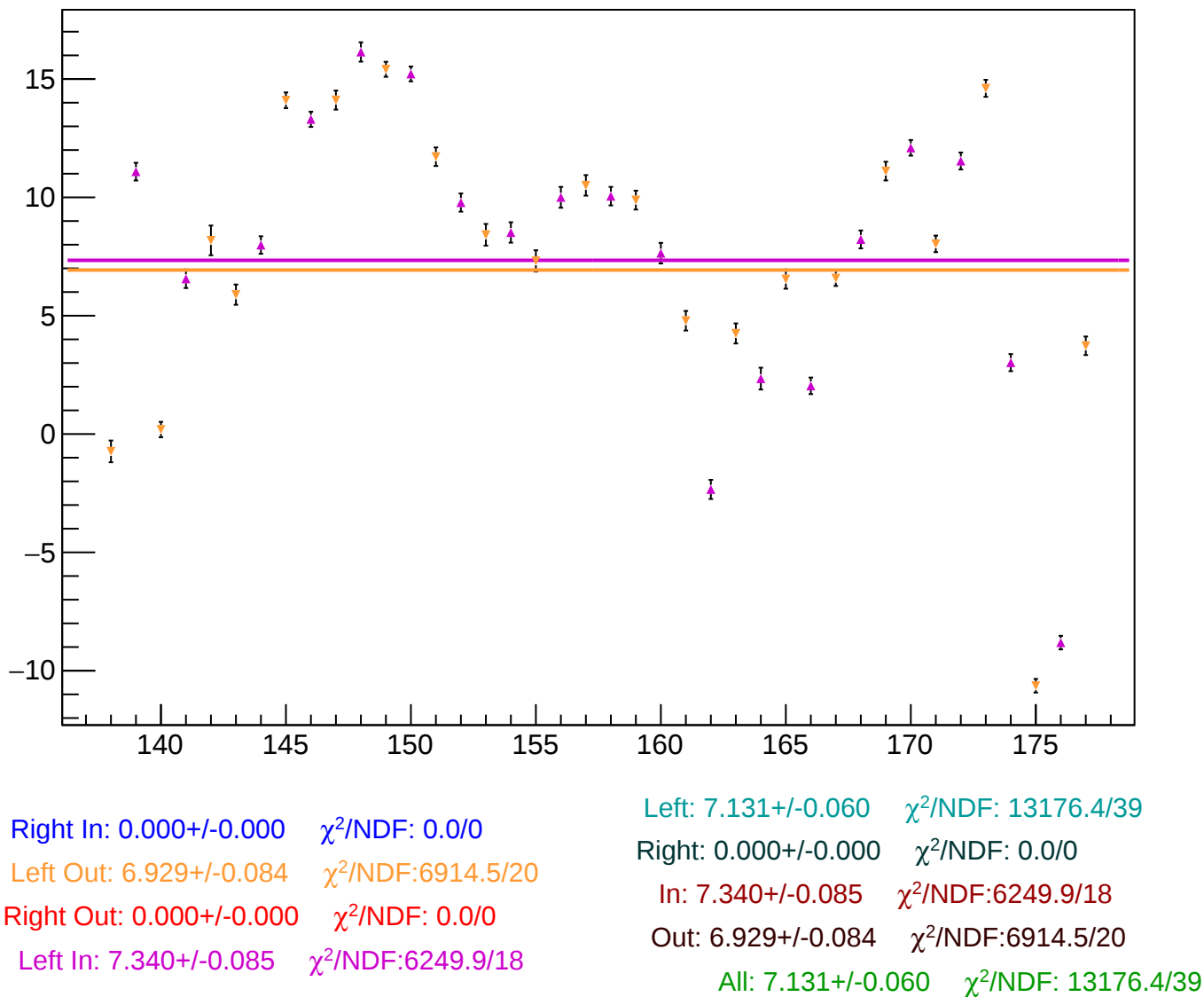
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



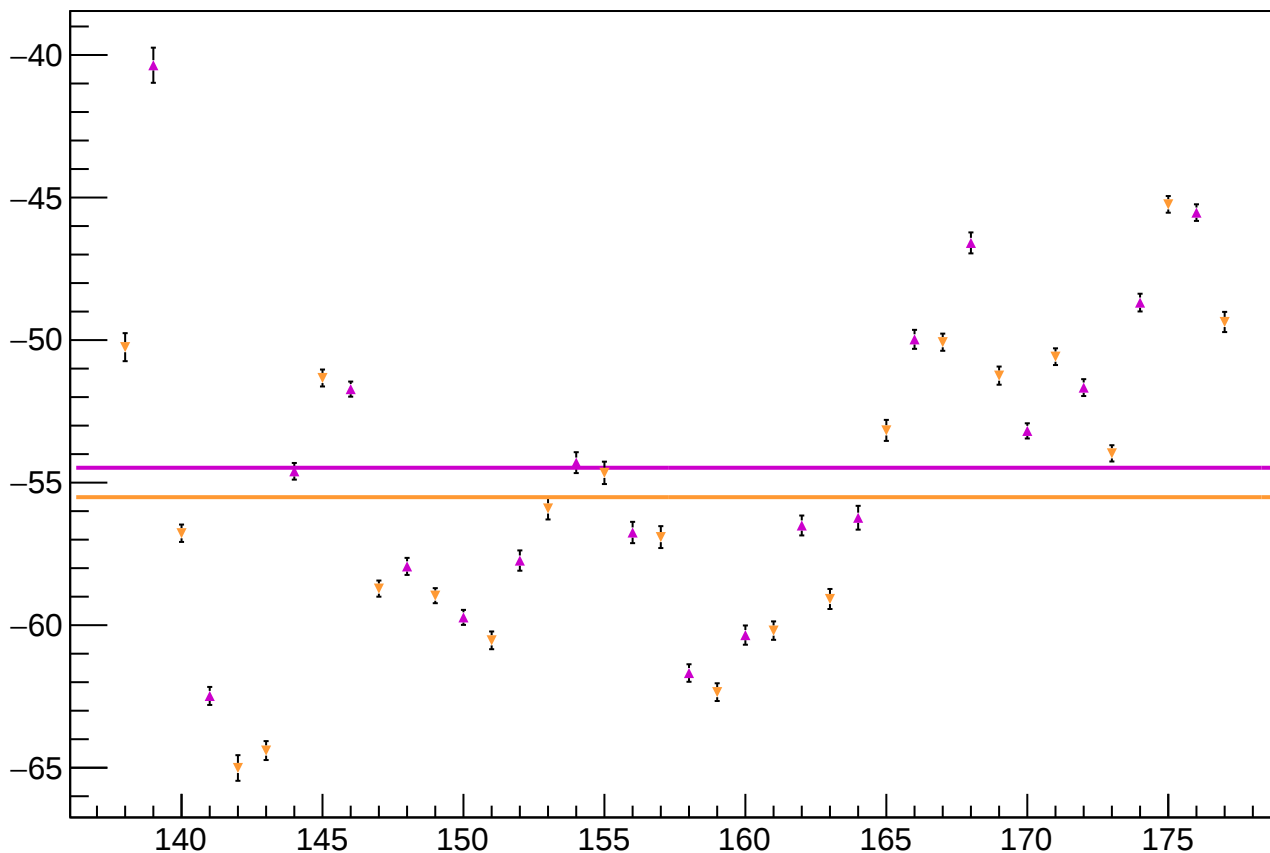
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.672 $\pm$ 0.062 χ^2 /NDF:3472.8/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.389 $\pm$ 0.065 χ^2 /NDF:3792.6/18

Left: 4.536 $\pm$ 0.045 χ^2 /NDF: 7275.3/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.389 $\pm$ 0.065 χ^2 /NDF:3792.6/18
 Out: 4.672 $\pm$ 0.062 χ^2 /NDF:3472.8/20
 All: 4.536 $\pm$ 0.045 χ^2 /NDF: 7275.3/39

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -54.478+/-0.074 χ^2/NDF : 4878.9/18

Left: -55.012+/-0.051 χ^2/NDF : 10241.5/39

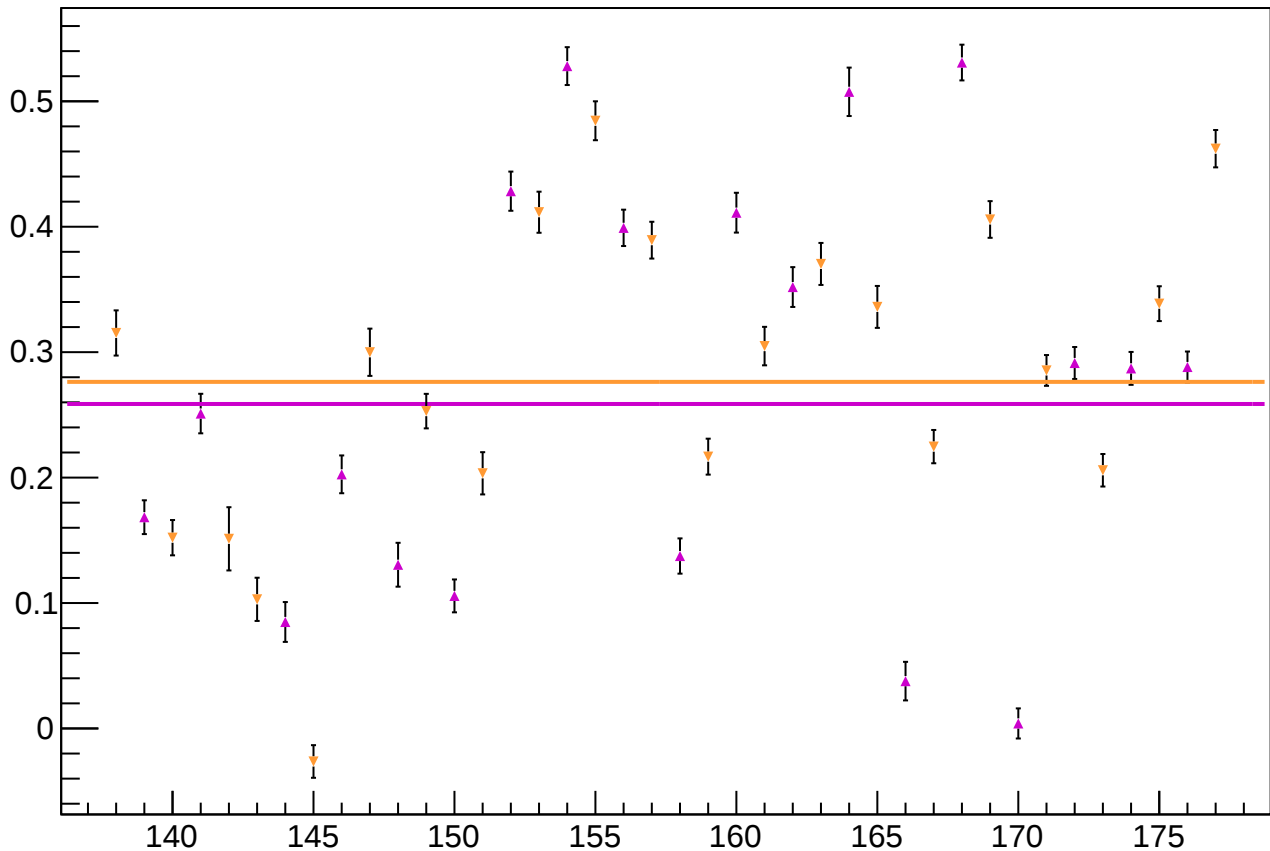
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.478+/-0.074 χ^2/NDF : 4878.9/18

Out: -55.510+/-0.071 χ^2/NDF : 5261.3/20

All: -55.012+/-0.051 χ^2/NDF : 10241.5/39

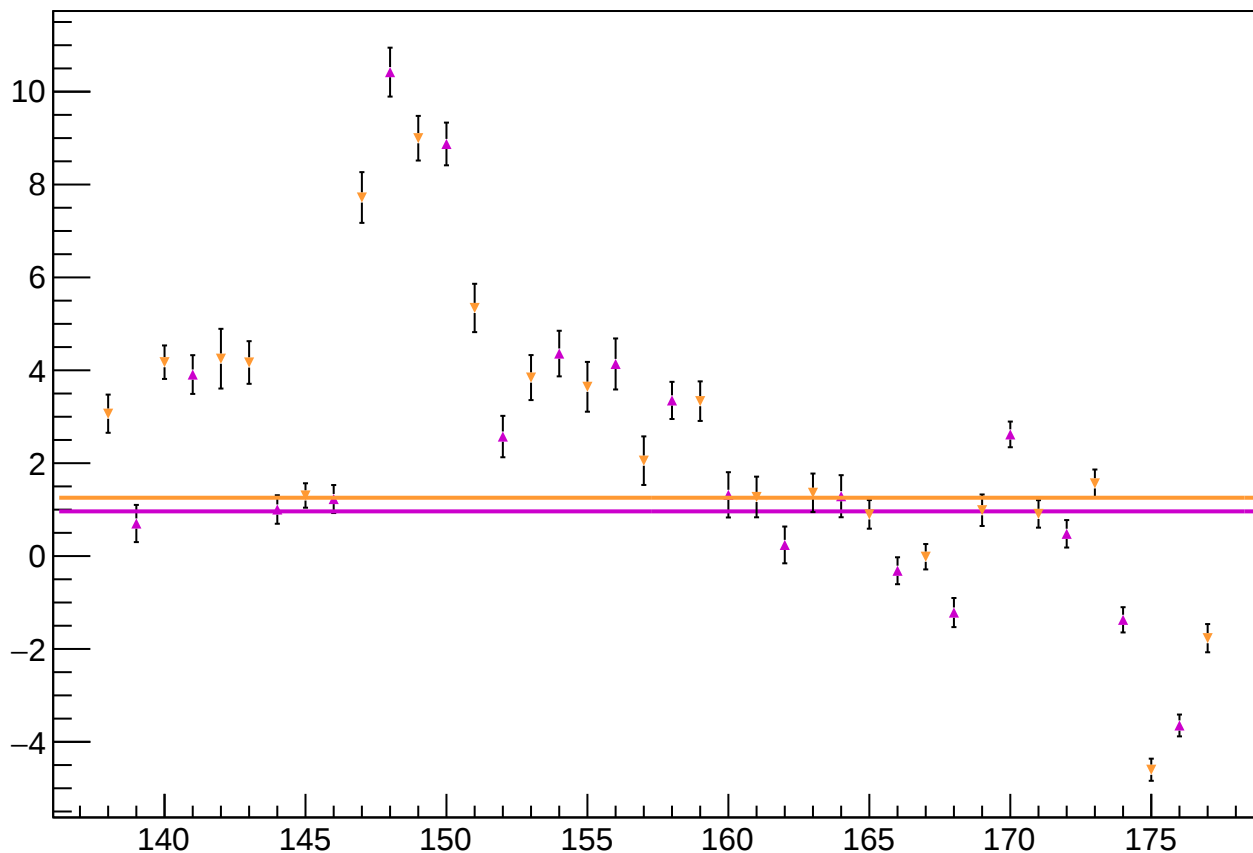
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.259+/-0.003 χ^2/NDF :2305.4/18

Left: 0.268+/-0.002 χ^2/NDF : 3764.7/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.259+/-0.003 χ^2/NDF :2305.4/18
 Out: 0.276+/-0.003 χ^2/NDF :1445.1/20
 All: 0.268+/-0.002 χ^2/NDF : 3764.7/39

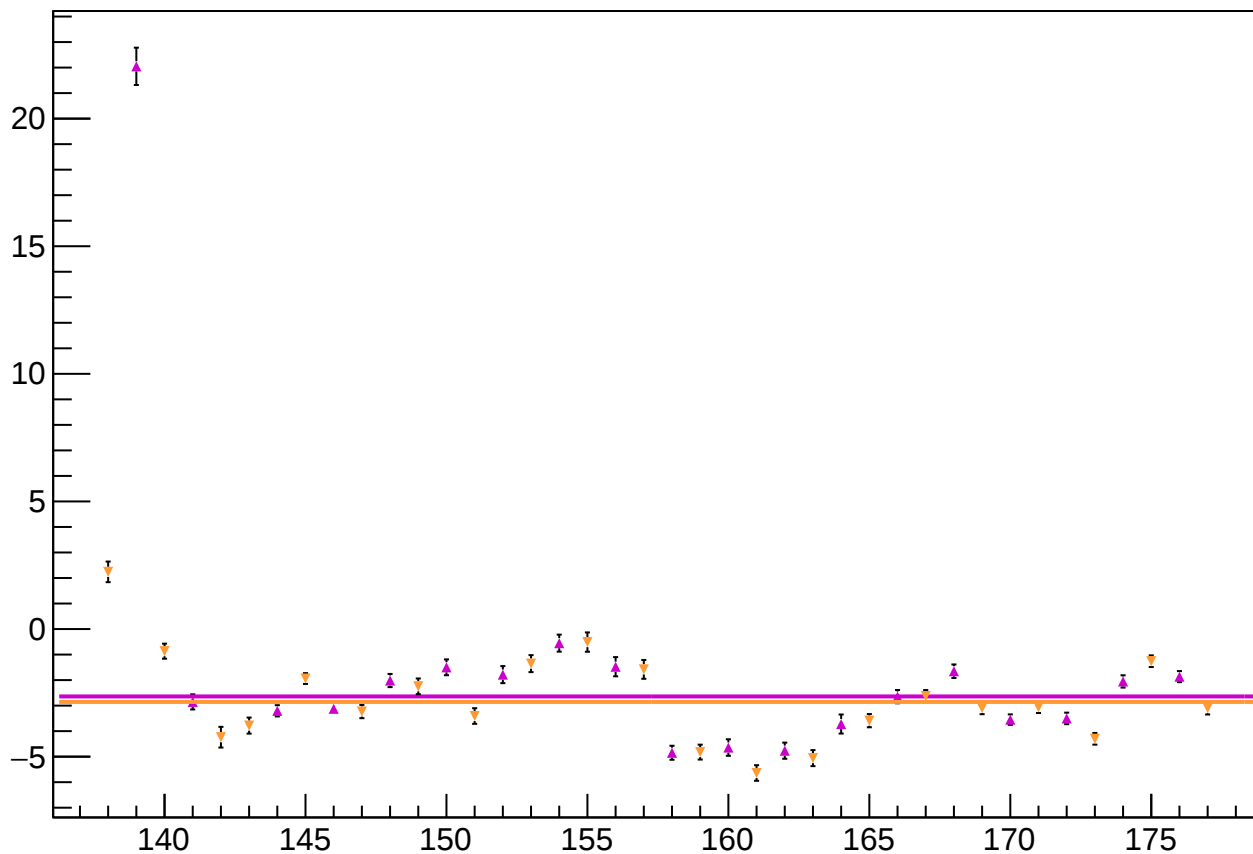
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 0.962+/-0.080 χ^2/NDF :1368.8/18

Left: 1.111+/-0.057 χ^2/NDF : 2787.4/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.962+/-0.080 χ^2/NDF :1368.8/18
 Out: 1.256+/-0.079 χ^2/NDF :1411.9/20
 All: 1.111+/-0.057 χ^2/NDF : 2787.4/39

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



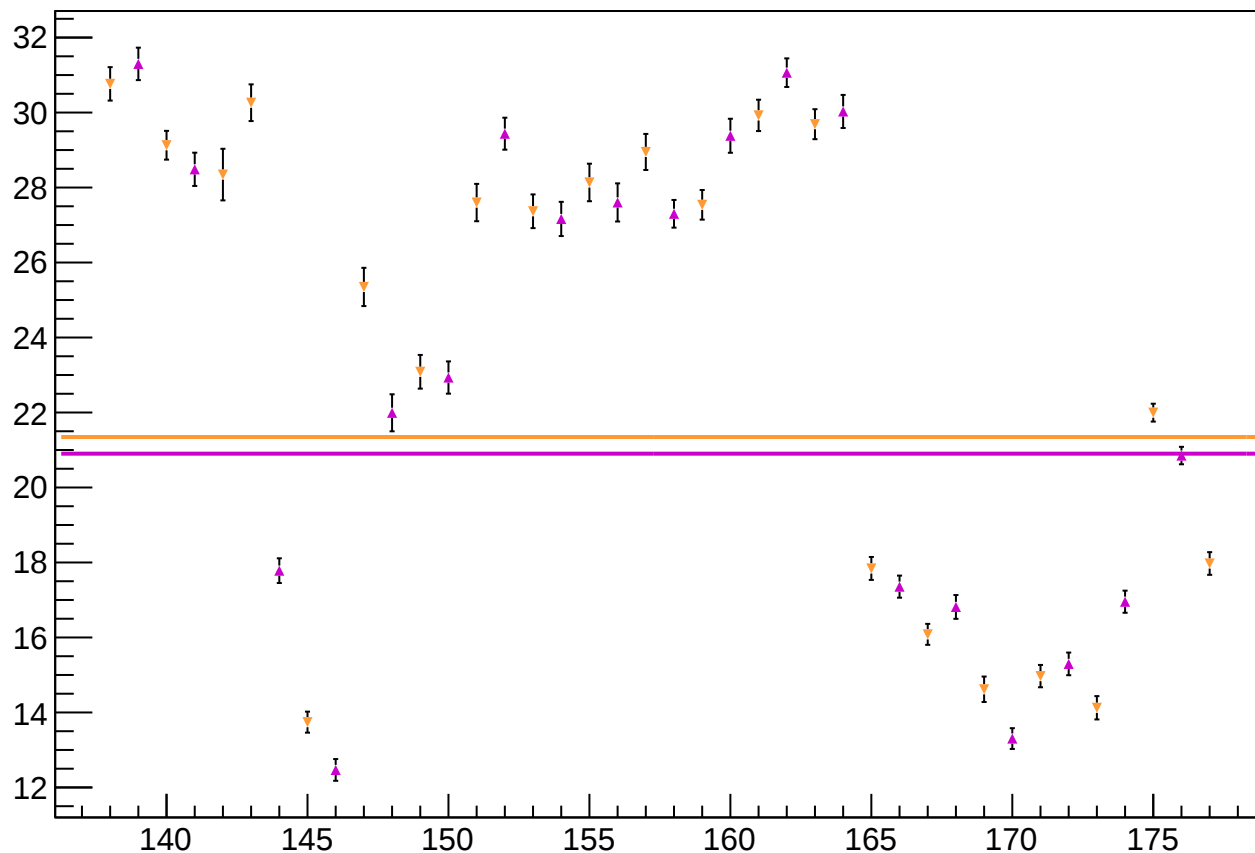
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.855+/-0.061 χ^2/NDF :601.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.640+/-0.062 χ^2/NDF :1451.8/18

Left: -2.750+/-0.043 χ^2/NDF : 2059.4/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.640+/-0.062 χ^2/NDF :1451.8/18
 Out: -2.855+/-0.061 χ^2/NDF :601.4/20

All: -2.750+/-0.043 χ^2/NDF : 2059.4/39

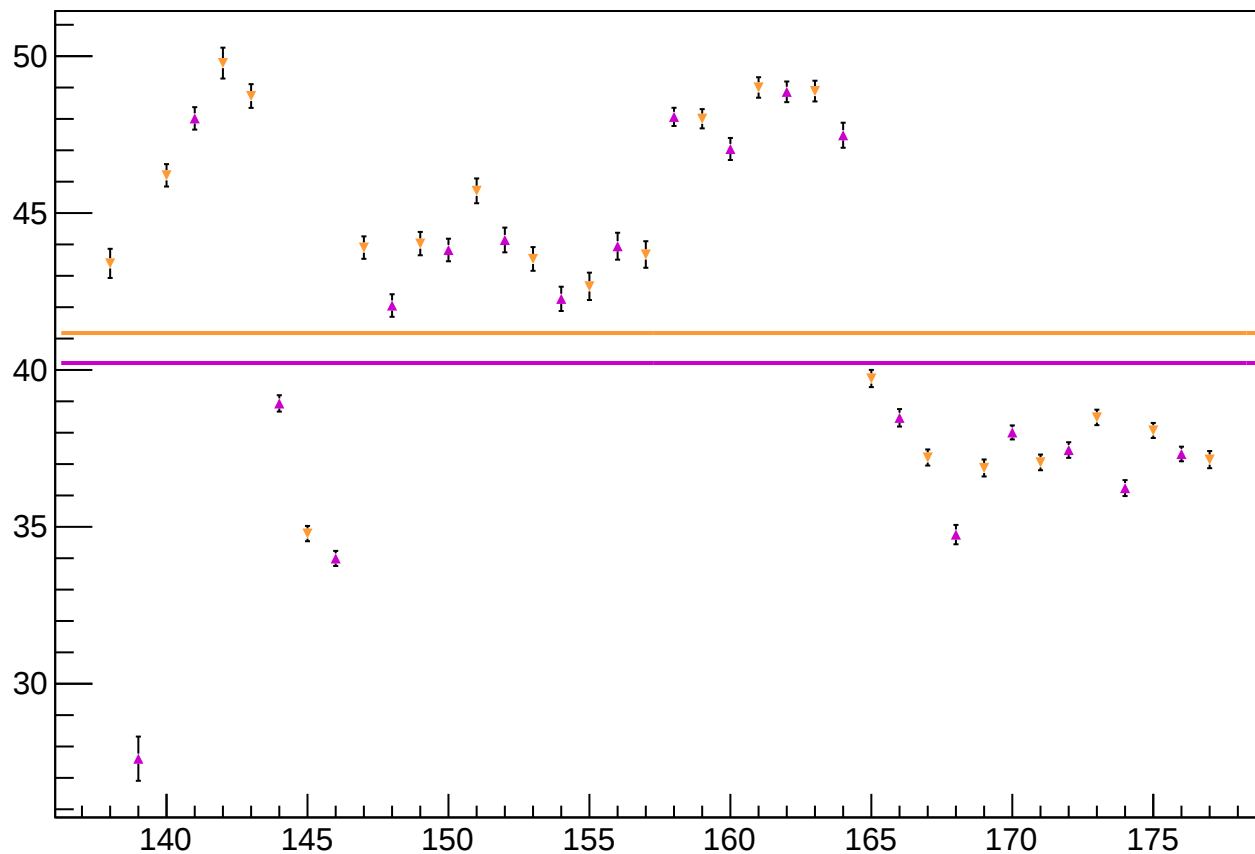
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.347 $\pm$ 0.080 χ^2 /NDF:5985.7/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.902 $\pm$ 0.080 χ^2 /NDF:5969.5/18

Left: 21.126 $\pm$ 0.057 χ^2 /NDF: 11970.6/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 20.902 $\pm$ 0.080 χ^2 /NDF:5969.5/18
 Out: 21.347 $\pm$ 0.080 χ^2 /NDF:5985.7/20
 All: 21.126 $\pm$ 0.057 χ^2 /NDF: 11970.6/39

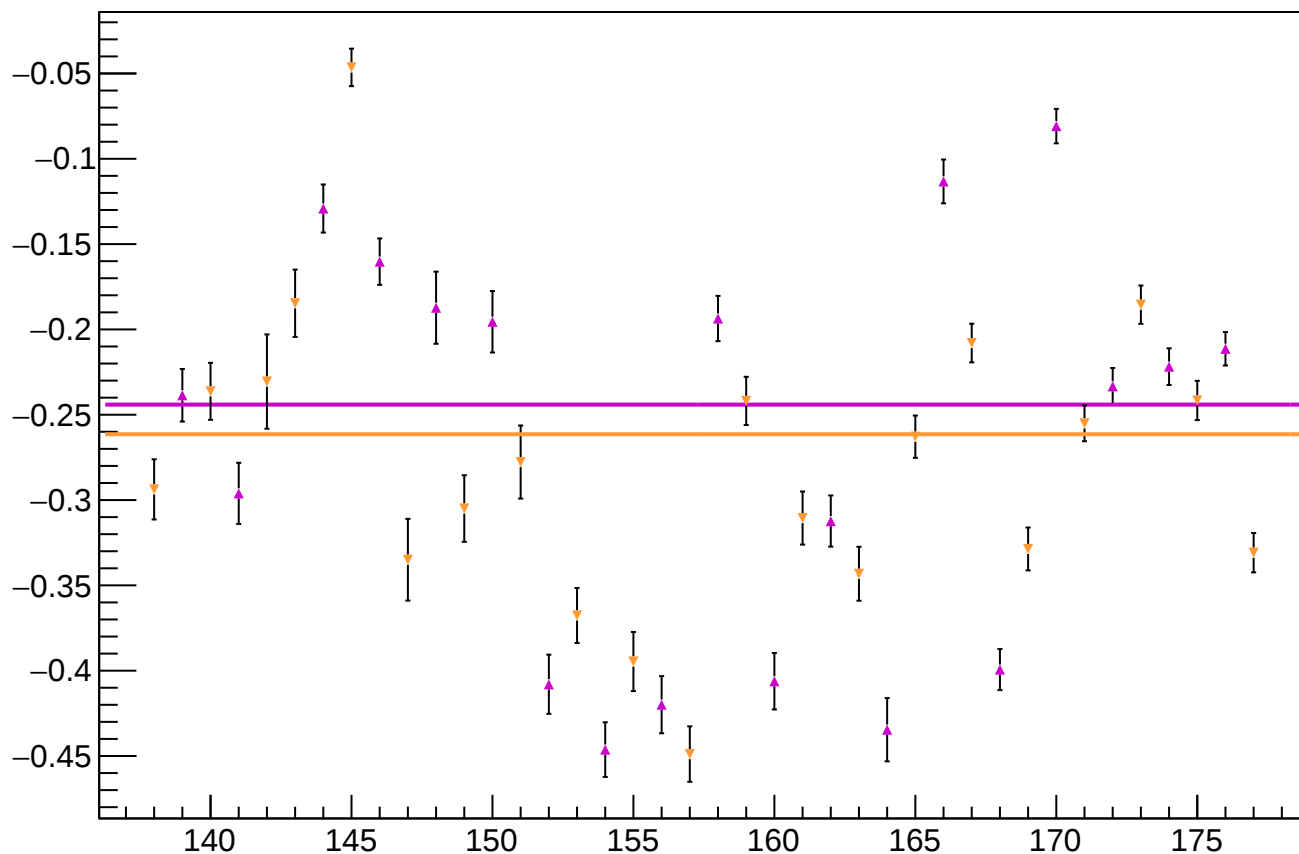
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 40.222+/-0.070 χ^2/NDF : 4925.8/18

Left: 40.710+/-0.049 χ^2/NDF : 9875.3/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.222+/-0.070 χ^2/NDF : 4925.8/18
 Out: 41.177+/-0.068 χ^2/NDF : 4853.9/20
 All: 40.710+/-0.049 χ^2/NDF : 9875.3/39

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.261 $\pm$ 0.003 χ^2 /NDF:830.7/20

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

Left In: -0.244 $\pm$ 0.003 χ^2 /NDF:1272.6/18

Left: -0.253 $\pm$ 0.002 χ^2 /NDF: 2118.6/39

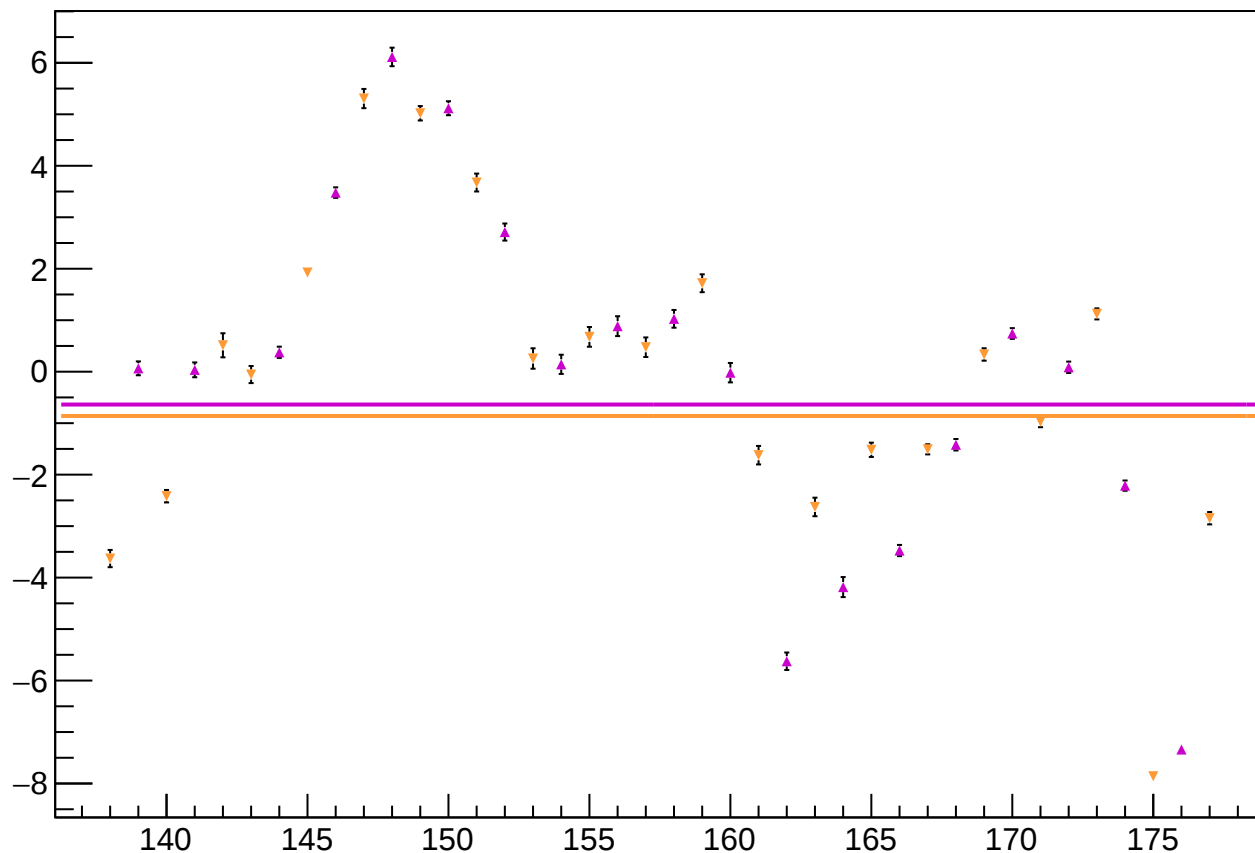
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.244 $\pm$ 0.003 χ^2 /NDF:1272.6/18

Out: -0.261 $\pm$ 0.003 χ^2 /NDF:830.7/20

All: -0.253 $\pm$ 0.002 χ^2 /NDF: 2118.6/39

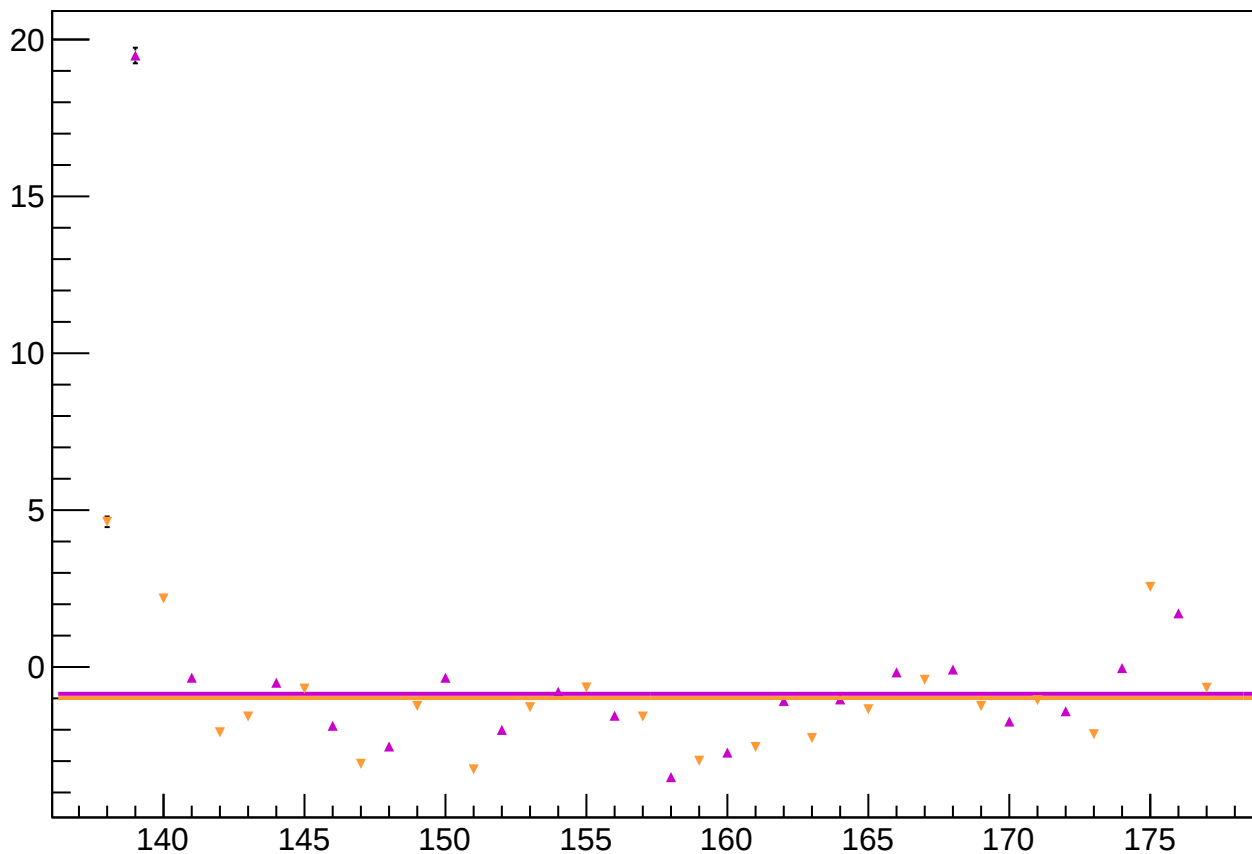
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -0.638+/-0.030 χ^2/NDF :13217.4/18

Left: -0.750+/-0.021 χ^2/NDF : 25809.7/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.638+/-0.030 χ^2/NDF :13217.4/18
 Out: -0.860+/-0.029 χ^2/NDF :12564.0/20
 All: -0.750+/-0.021 χ^2/NDF : 25809.7/39

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



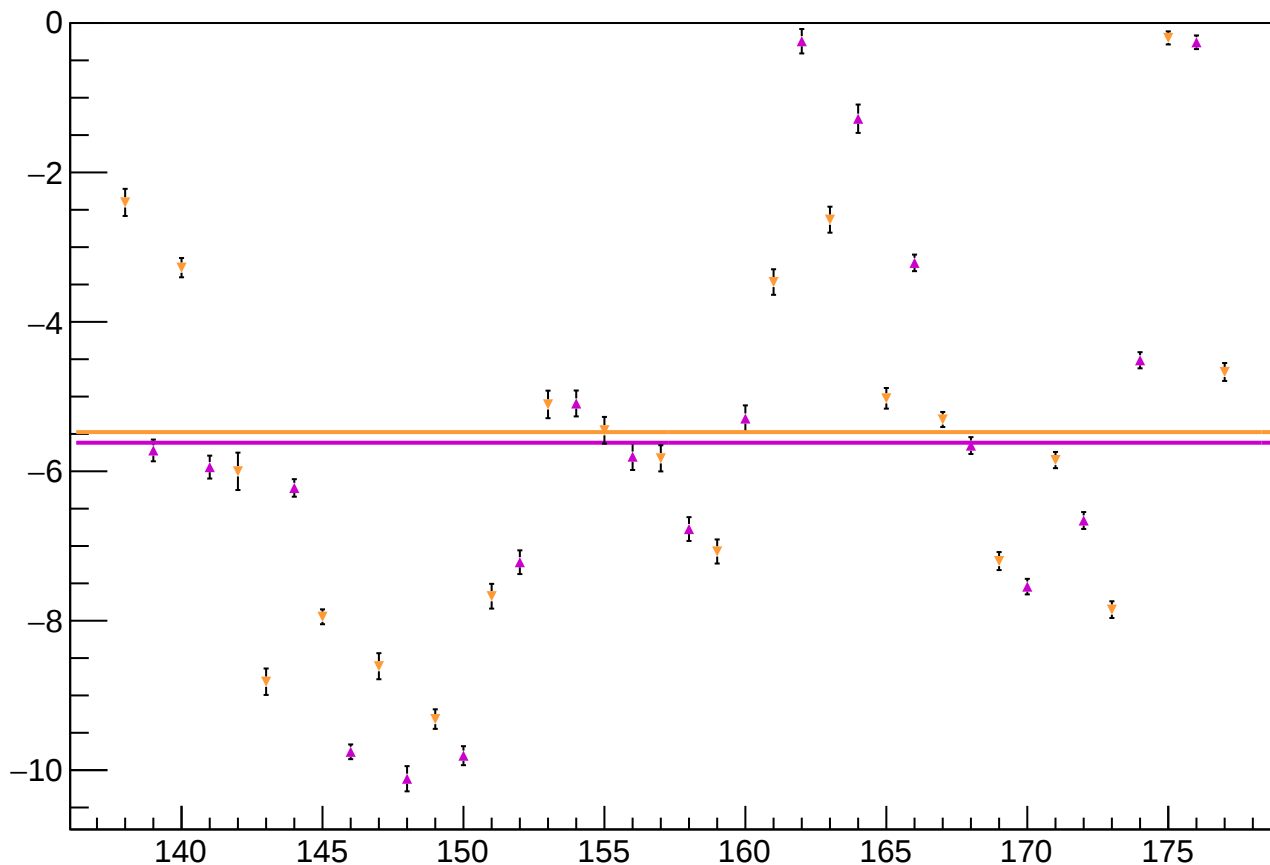
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.991+/-0.022 χ^2/NDF : 5848.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.854+/-0.023 χ^2/NDF : 9435.2/18

Left: -0.924+/-0.016 χ^2/NDF : 15302.0/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.854+/-0.023 χ^2/NDF : 9435.2/18
 Out: -0.991+/-0.022 χ^2/NDF : 5848.4/20

All: -0.924+/-0.016 χ^2/NDF : 15302.0/39

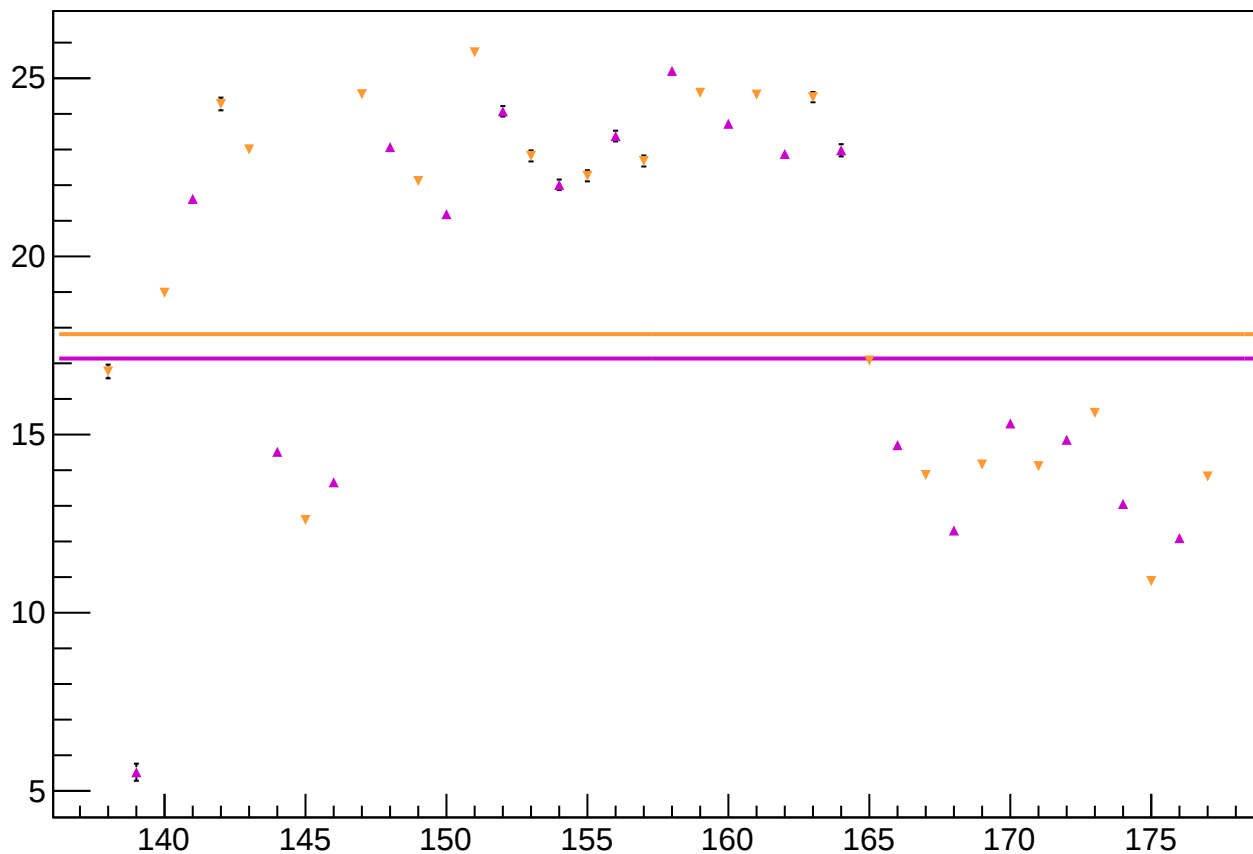
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -5.475 $\pm$ 0.029 χ^2 /NDF:7784.2/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.617 $\pm$ 0.030 χ^2 /NDF:9815.5/18

Left: -5.546 $\pm$ 0.021 χ^2 /NDF: 17611.2/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.617 $\pm$ 0.030 χ^2 /NDF:9815.5/18
 Out: -5.475 $\pm$ 0.029 χ^2 /NDF:7784.2/20
 All: -5.546 $\pm$ 0.021 χ^2 /NDF: 17611.2/39

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: 17.134+/-0.026 χ^2/NDF :32722.2/18

Left: 17.483+/-0.018 χ^2/NDF : 71097.3/39

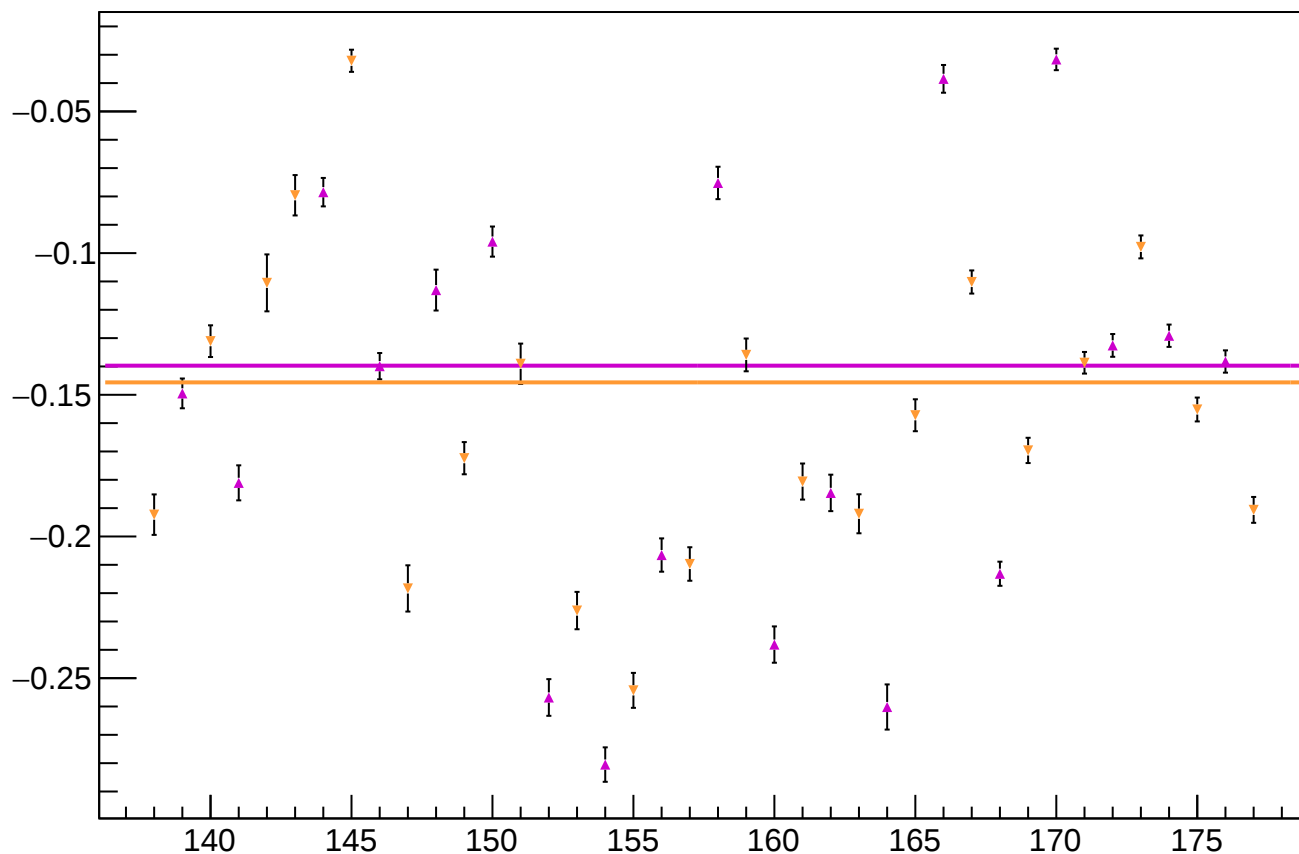
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.134+/-0.026 χ^2/NDF :32722.2/18

Out: 17.819+/-0.025 χ^2/NDF :38017.7/20

All: 17.483+/-0.018 χ^2/NDF : 71097.3/39

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: -0.140+/-0.001 χ^2/NDF : 3457.2/18

Left: -0.143+/-0.001 χ^2/NDF : 5572.7/39

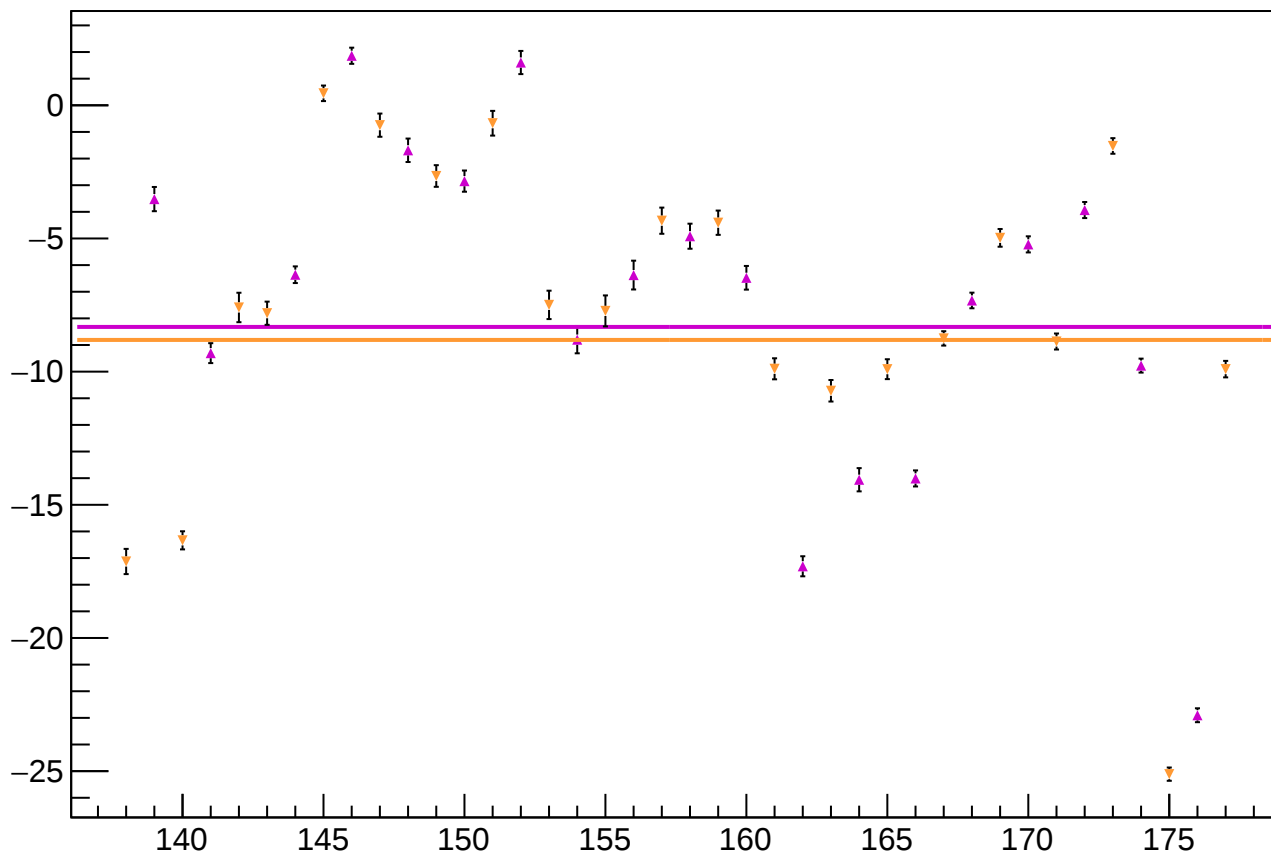
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.140+/-0.001 χ^2/NDF : 3457.2/18

Out: -0.146+/-0.001 χ^2/NDF : 2102.6/20

All: -0.143+/-0.001 χ^2/NDF : 5572.7/39

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



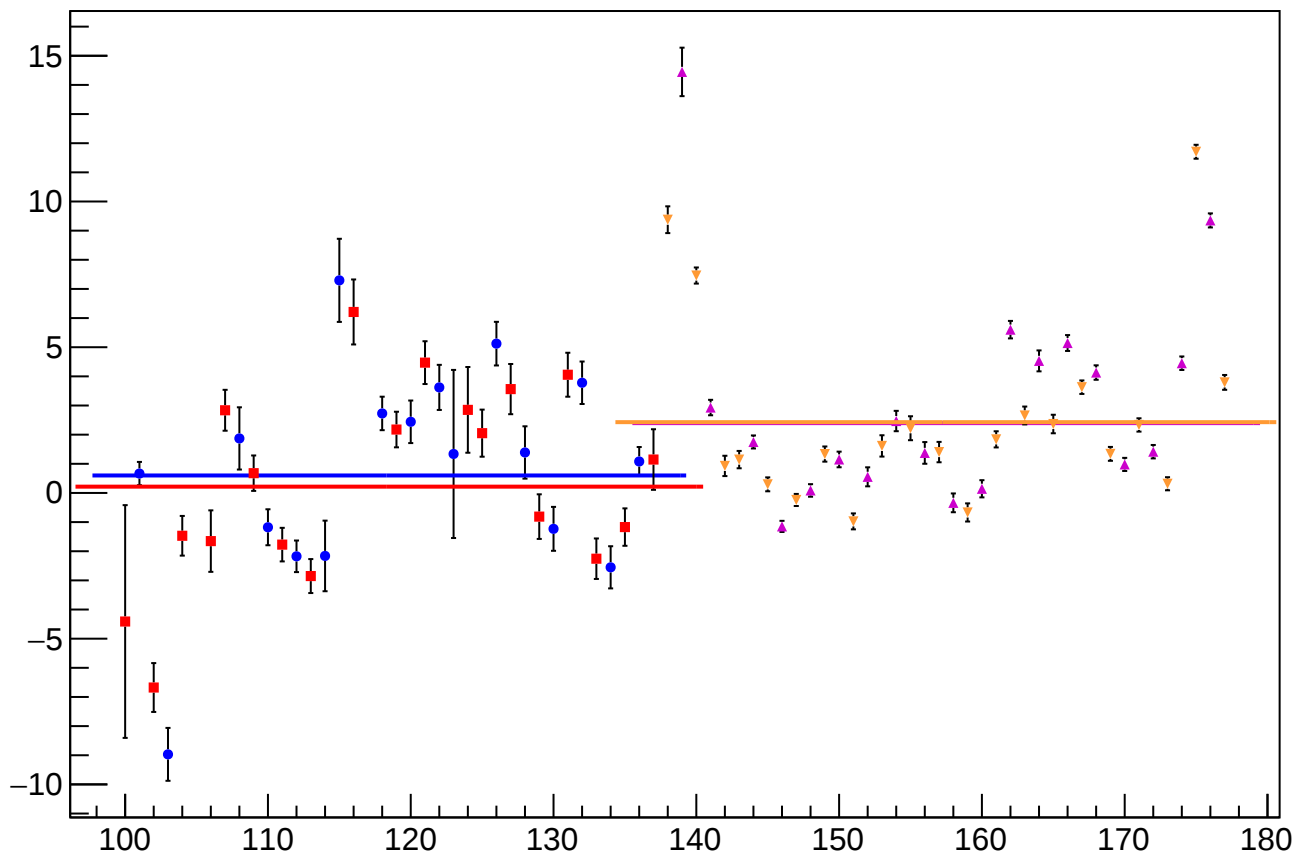
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.810 $\pm$ 0.080 χ^2 /NDF:7959.5/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.321 $\pm$ 0.081 χ^2 /NDF:6879.5/18

Left: -8.568 $\pm$ 0.057 χ^2 /NDF: 14857.5/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.321 $\pm$ 0.081 χ^2 /NDF:6879.5/18
 Out: -8.810 $\pm$ 0.080 χ^2 /NDF:7959.5/20

All: -8.568 $\pm$ 0.057 χ^2 /NDF: 14857.5/39

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 2.429 ± 0.060 χ^2/NDF : 2803.7/20

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 2.396 ± 0.061 χ^2/NDF : 2140.1/18

Left: 2.413 ± 0.043 χ^2/NDF : 4944.0/39

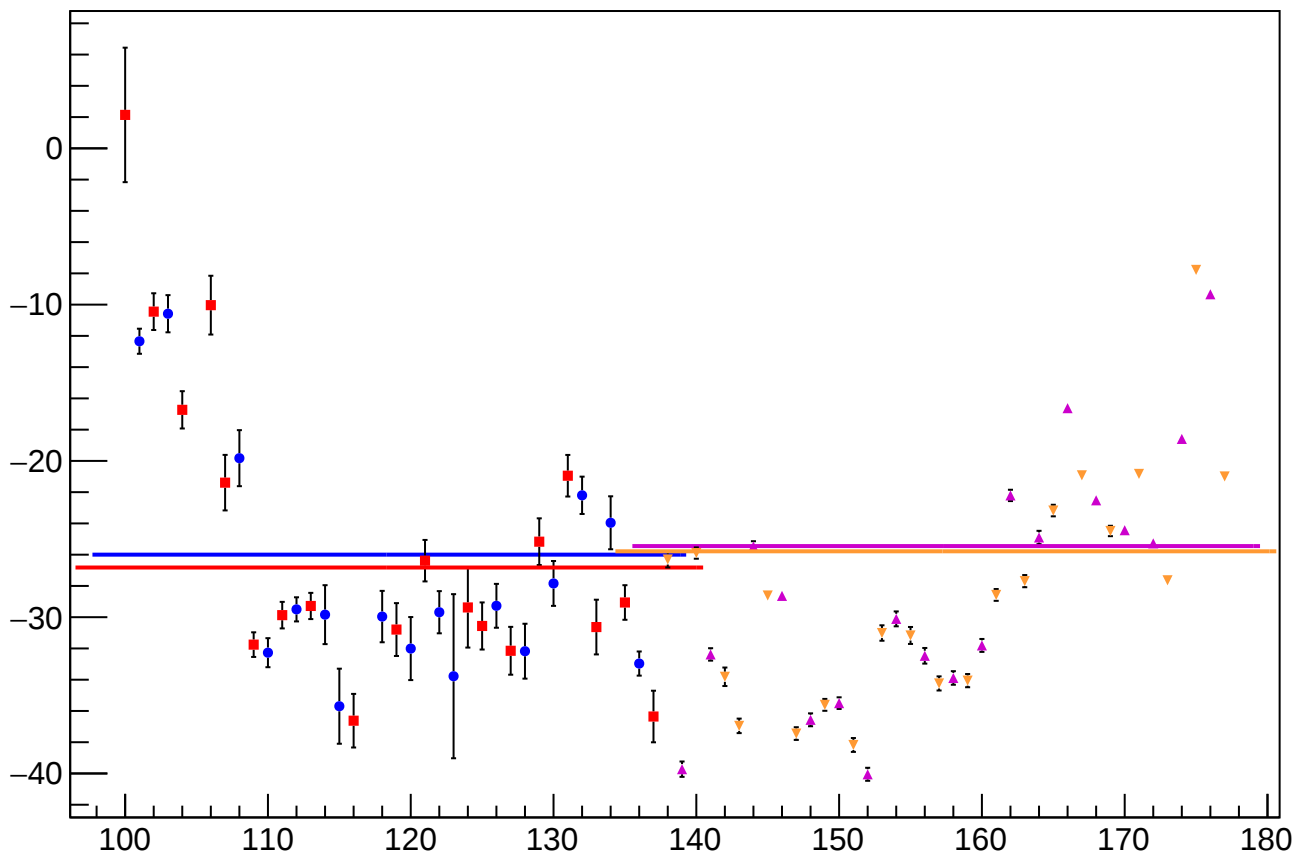
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 2.188 ± 0.058 χ^2/NDF : 2531.7/35

Out: 2.197 ± 0.057 χ^2/NDF : 3222.0/39

All: 2.193 ± 0.040 χ^2/NDF : 5753.7/75

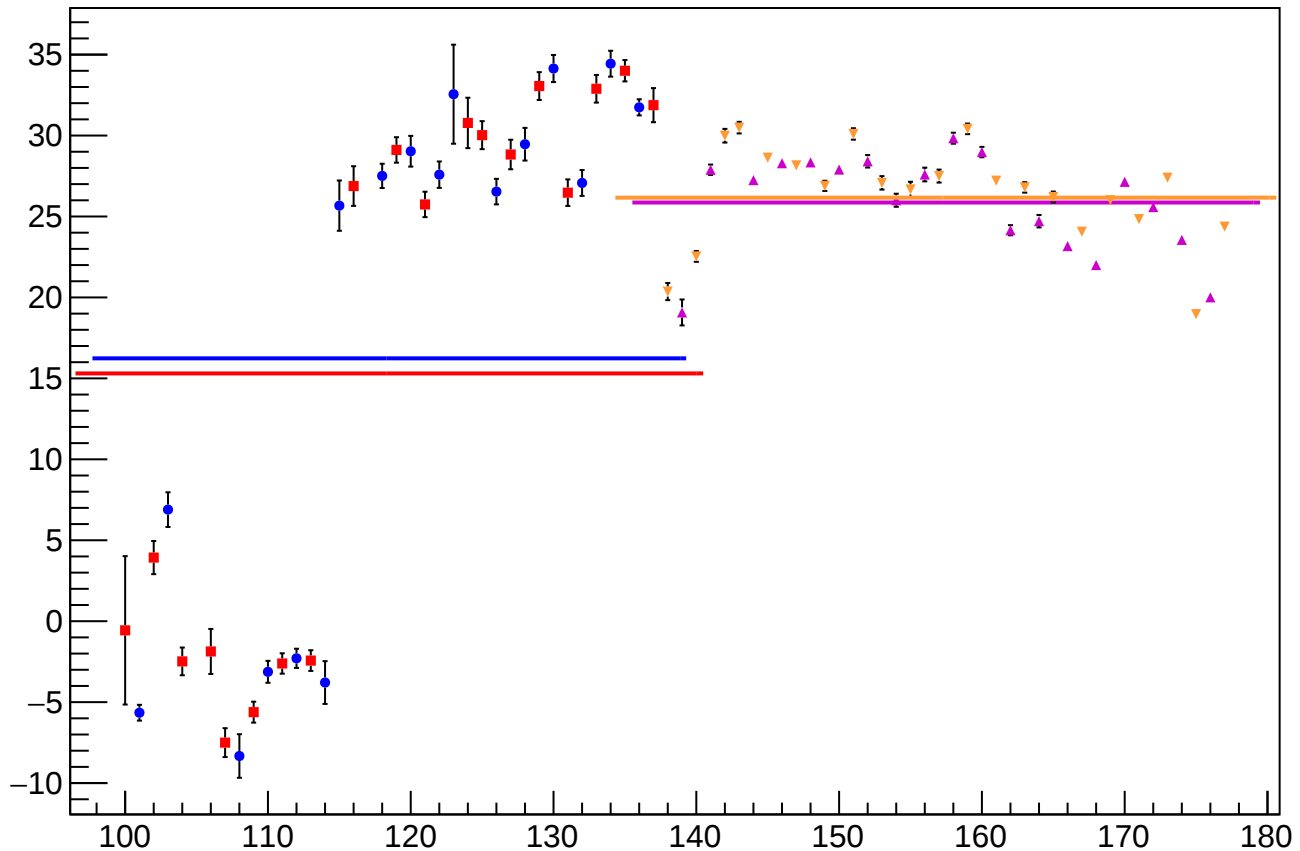
reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -25.449 ± 0.081 χ^2/NDF : 10340.5/18

Left: -25.618 ± 0.057 χ^2/NDF : 20611.1/39
 Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35
 In: -25.486 ± 0.078 χ^2/NDF : 11036.2/35
 Out: -25.854 ± 0.077 χ^2/NDF : 10854.1/39
 All: -25.672 ± 0.055 χ^2/NDF : 21901.6/75

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: 25.864 $\pm$ 0.070 χ^2 /NDF:1575.7/18

Left: 26.018 $\pm$ 0.049 χ^2 /NDF: 3495.5/39

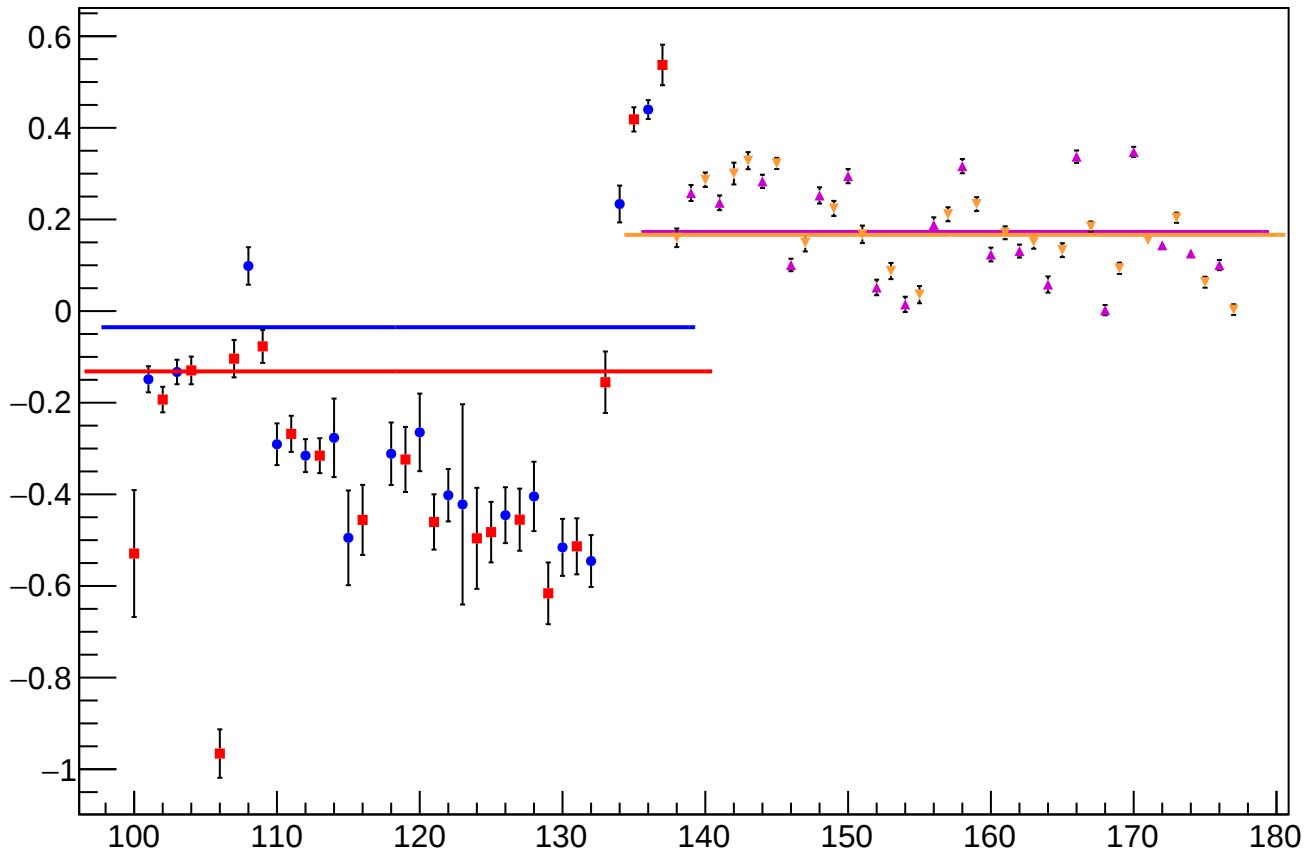
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.737 $\pm$ 0.065 χ^2 /NDF:11389.7/35

Out: 25.009 $\pm$ 0.064 χ^2 /NDF:11897.8/39

All: 24.876 $\pm$ 0.046 χ^2 /NDF: 23296.3/75

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: 0.173 ± 0.003 χ^2/NDF : 1193.4/18

Left: 0.170 ± 0.002 χ^2/NDF : 1963.6/39

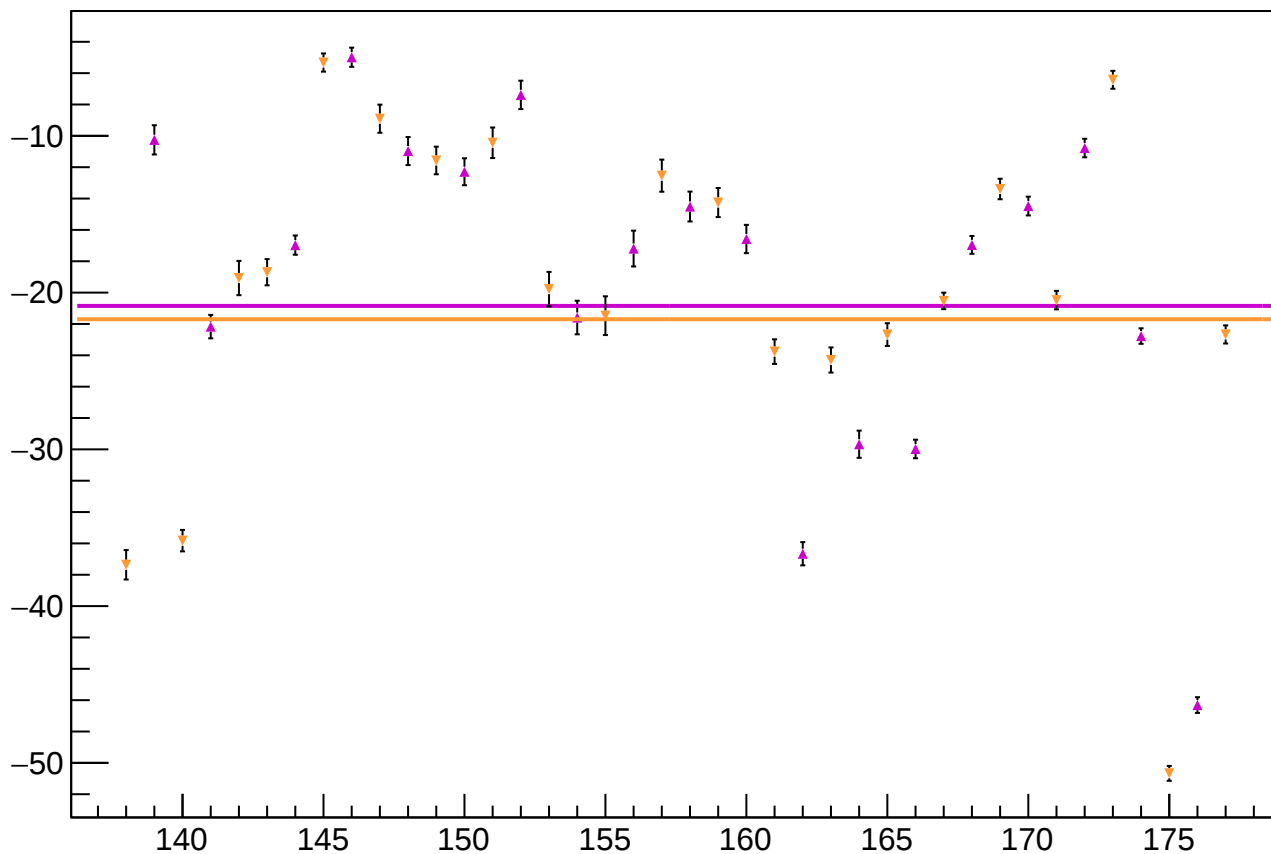
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.155 ± 0.003 χ^2/NDF : 2577.5/35

Out: 0.141 ± 0.003 χ^2/NDF : 2696.4/39

All: 0.148 ± 0.002 χ^2/NDF : 5283.6/75

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: -20.848+/-0.160 χ^2/NDF : 5213.8/18

Left: -21.280+/-0.113 χ^2/NDF : 11993.7/39

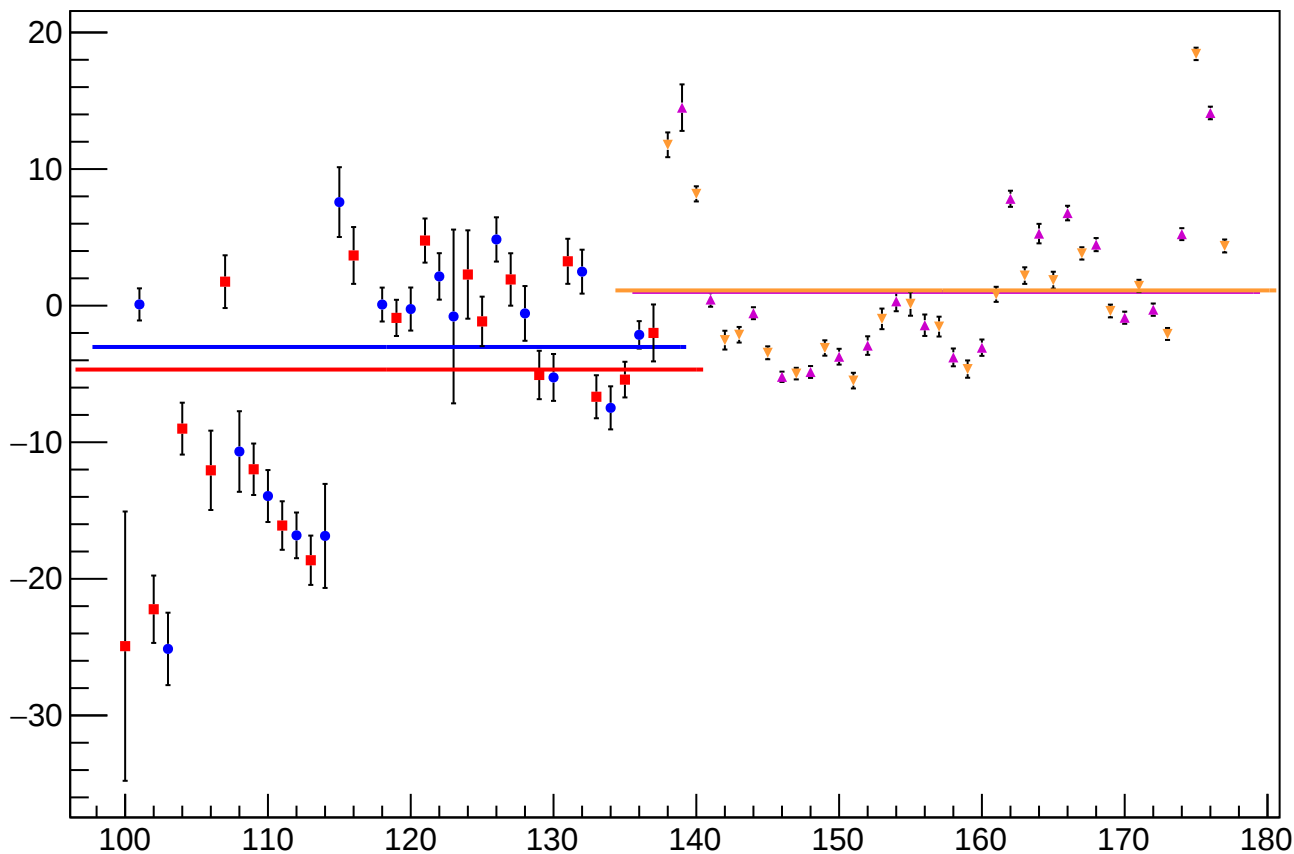
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.848+/-0.160 χ^2/NDF : 5213.8/18

Out: -21.699+/-0.158 χ^2/NDF : 6765.6/20

All: -21.280+/-0.113 χ^2/NDF : 11993.7/39

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: 1.008 ± 0.121 χ^2/NDF : 2002.8/18

Left: 1.063 ± 0.085 χ^2/NDF : 4555.1/39

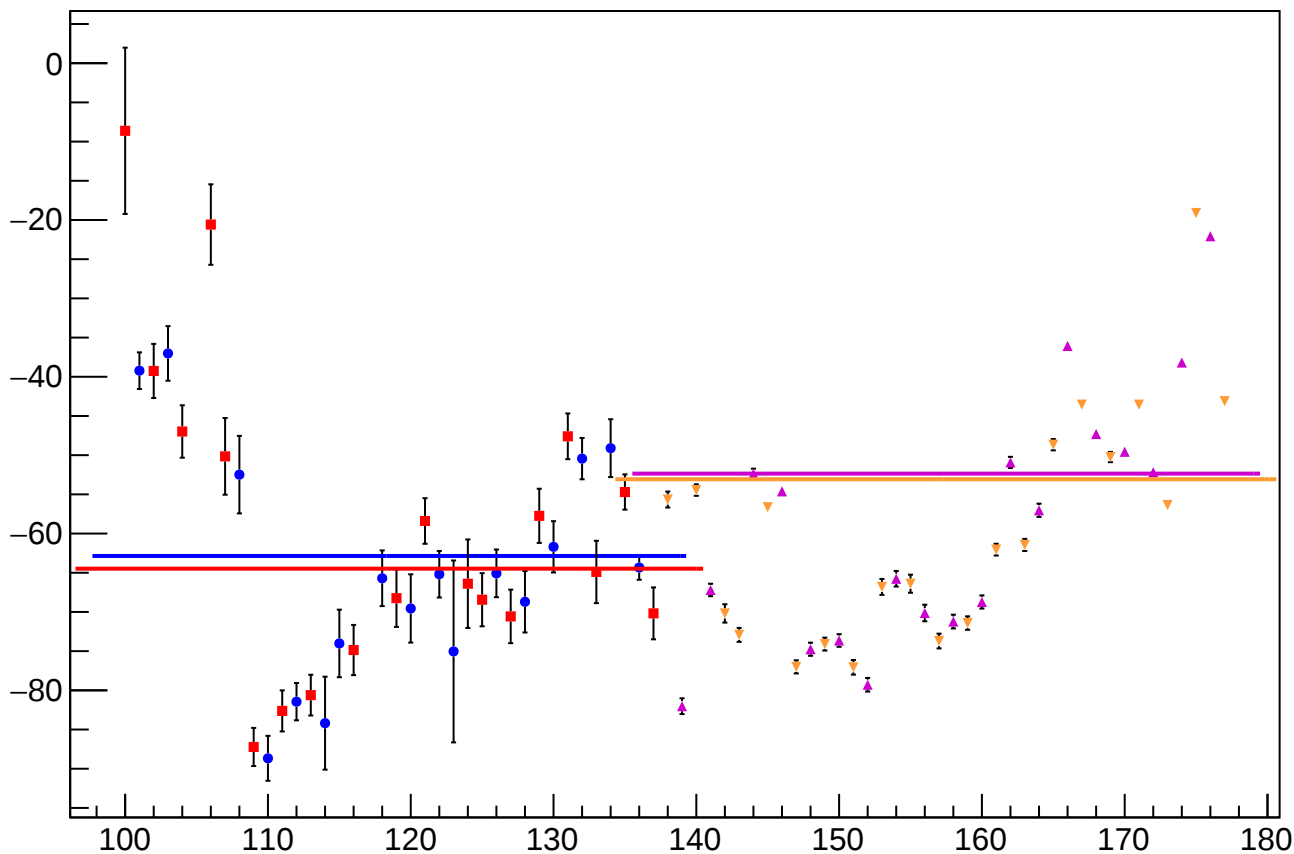
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: 0.679 ± 0.116 χ^2/NDF : 2373.1/35

Out: 0.698 ± 0.114 χ^2/NDF : 3022.5/39

All: 0.689 ± 0.082 χ^2/NDF : 5395.6/75

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$
 Left Out: -53.072 ± 0.158 $\chi^2/\text{NDF}: 10444.2/20$
 Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$
 Left In: -52.354 ± 0.160 $\chi^2/\text{NDF}: 10203.2/18$

Left: -52.718 ± 0.113 $\chi^2/\text{NDF}: 20657.6/39$

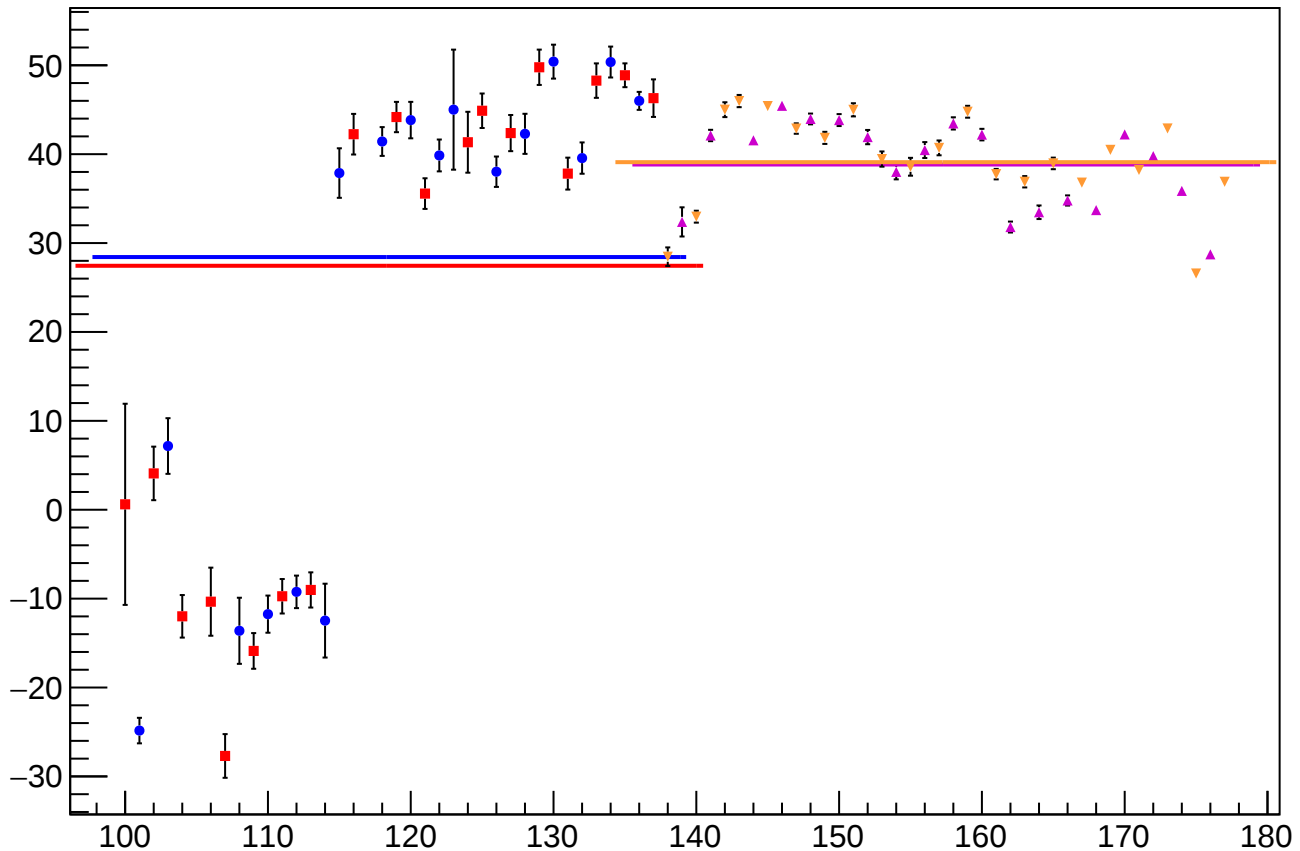
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -52.826 ± 0.157 $\chi^2/\text{NDF}: 10763.9/35$

Out: -53.557 ± 0.155 $\chi^2/\text{NDF}: 11109.1/39$

All: -53.196 ± 0.110 $\chi^2/\text{NDF}: 21884.0/75$

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: 38.836 $\pm$ 0.138 χ^2 /NDF:1301.7/18

Left: 38.972 $\pm$ 0.097 χ^2 /NDF: 2789.1/39

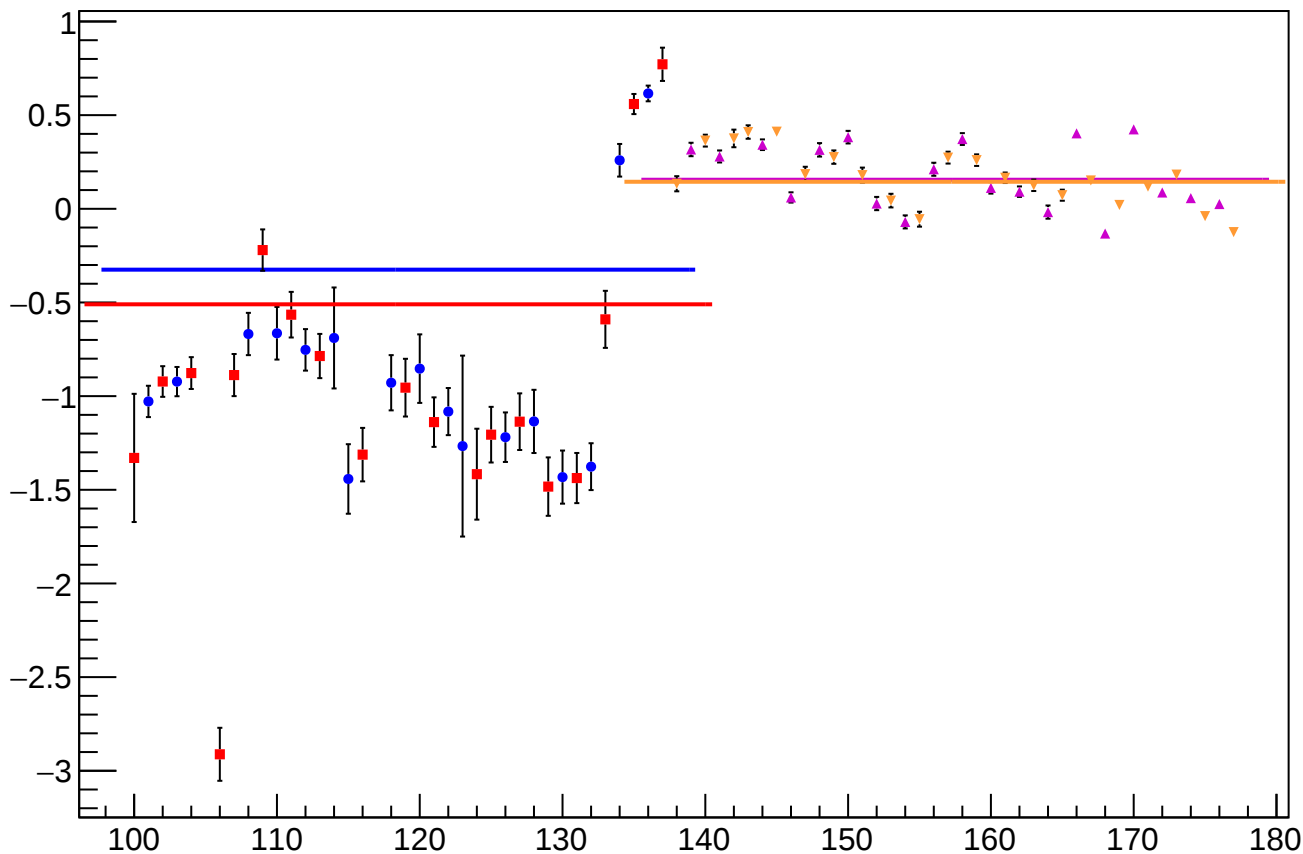
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 37.965 $\pm$ 0.132 χ^2 /NDF:5097.9/35

Out: 38.242 $\pm$ 0.130 χ^2 /NDF:5069.0/39

All: 38.106 $\pm$ 0.093 χ^2 /NDF: 10169.2/75

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: 0.155 ± 0.006 χ^2/NDF : 776.8/18

Left: 0.150 ± 0.004 χ^2/NDF : 1361.6/39

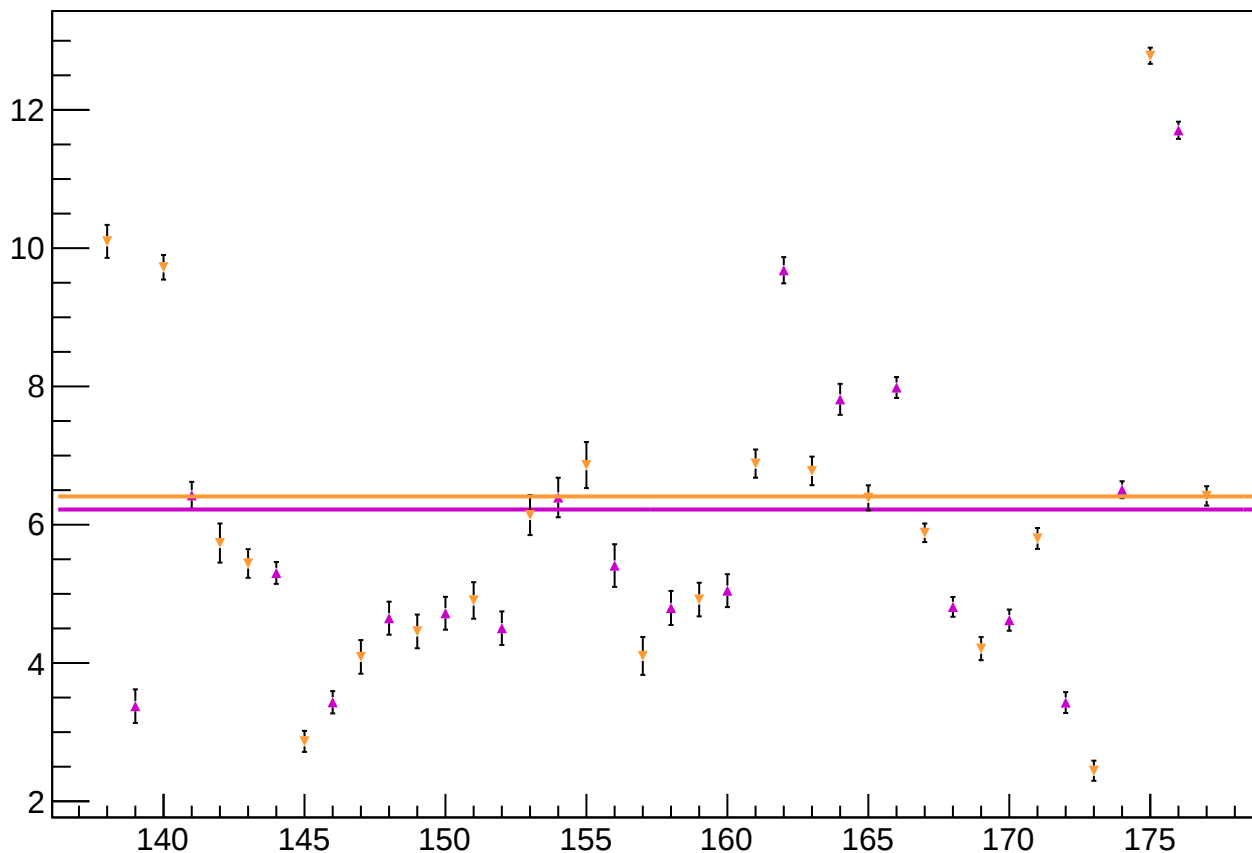
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.126 ± 0.006 χ^2/NDF : 2137.3/35

Out: 0.108 ± 0.006 χ^2/NDF : 2364.7/39

All: 0.117 ± 0.004 χ^2/NDF : 4506.6/75

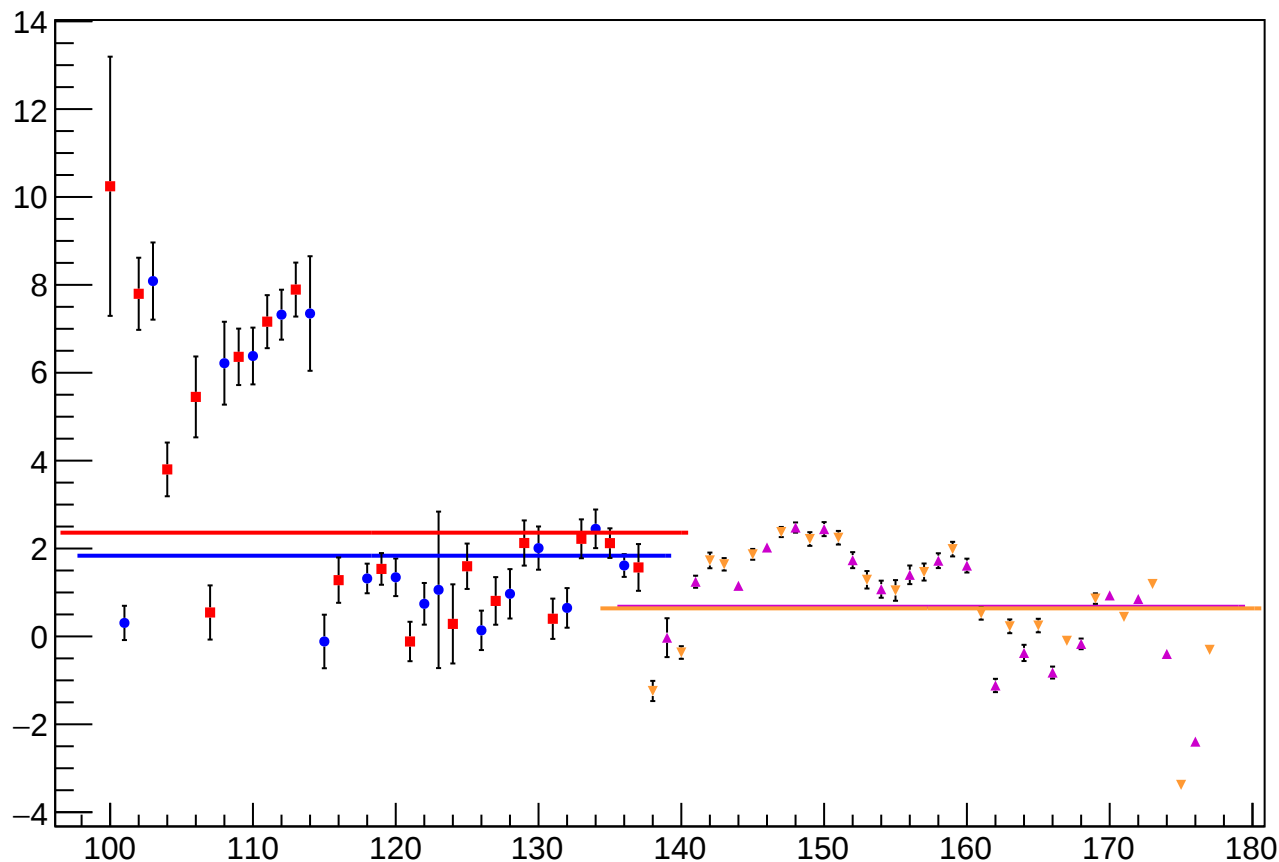
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 6.409 $\pm$ 0.040 χ^2/NDF :5371.0/20
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 6.220 $\pm$ 0.041 χ^2/NDF :3693.8/18

Left: 6.316 $\pm$ 0.029 χ^2/NDF : 9075.5/39
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 6.220 $\pm$ 0.041 χ^2/NDF :3693.8/18
 Out: 6.409 $\pm$ 0.040 χ^2/NDF :5371.0/20
 All: 6.316 $\pm$ 0.029 χ^2/NDF : 9075.5/39

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: 0.675 ± 0.031 χ^2/NDF : 1882.2/18

Left: 0.656 ± 0.022 χ^2/NDF : 4153.7/39

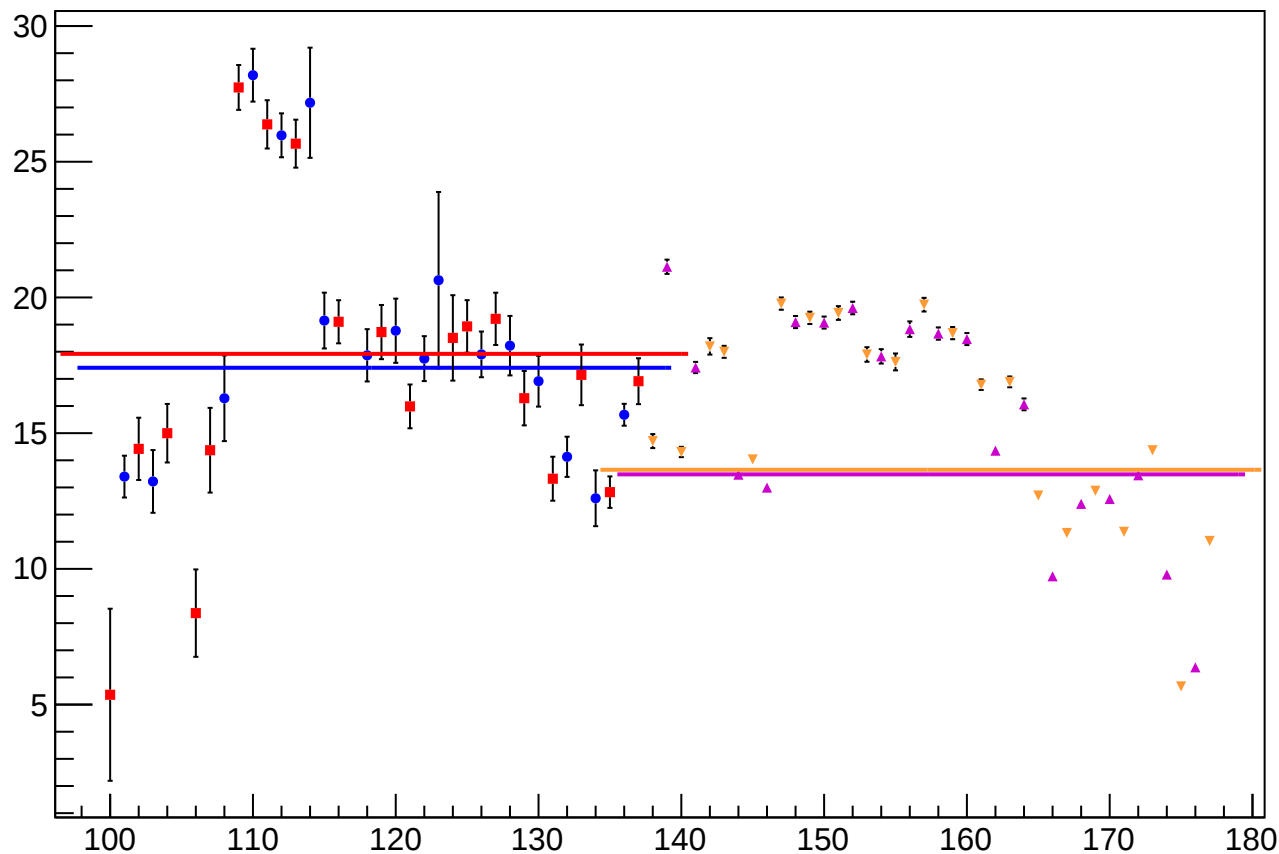
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 0.754 ± 0.030 χ^2/NDF : 2269.5/35

Out: 0.739 ± 0.030 χ^2/NDF : 2794.0/39

All: 0.747 ± 0.021 χ^2/NDF : 5063.6/75

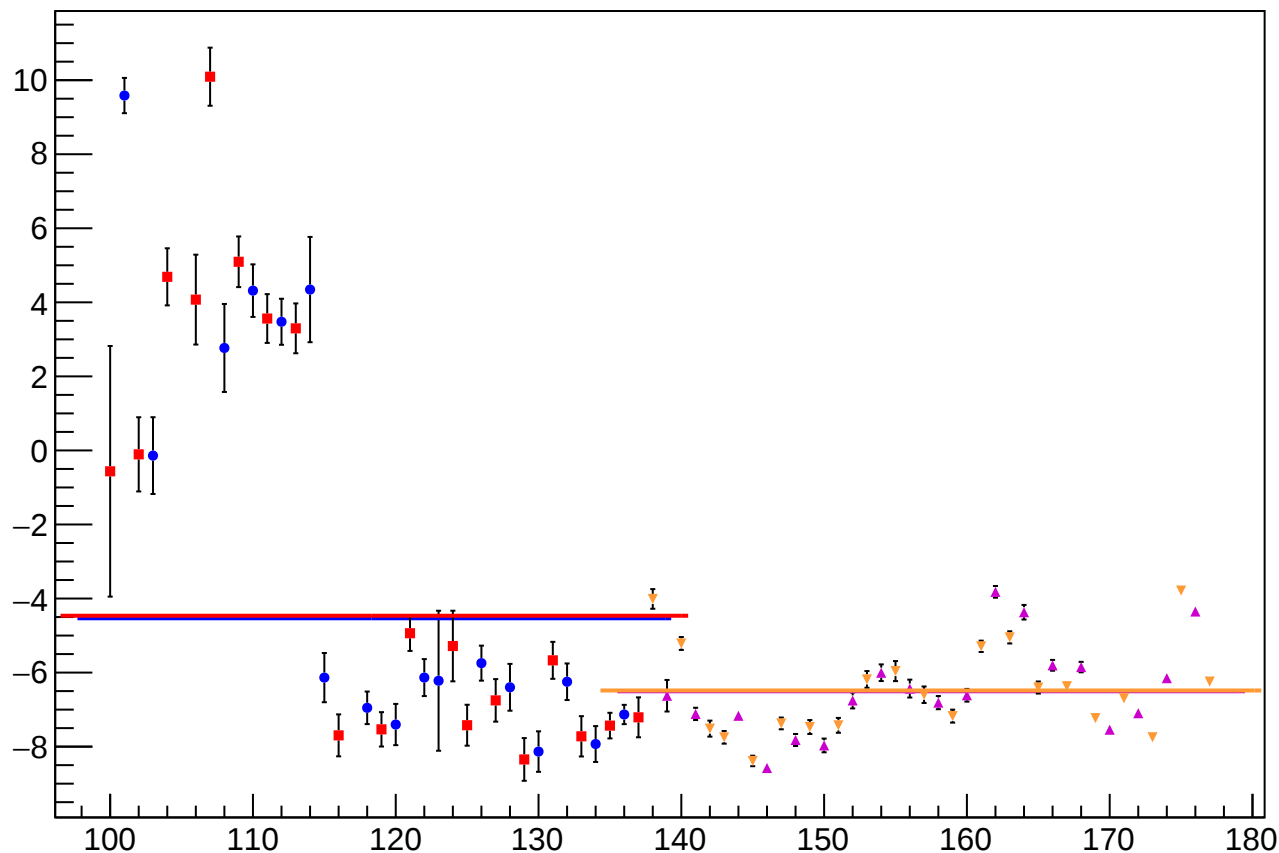
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 13.482 $\pm$ 0.041 χ^2 /NDF:9792.6/18

Left: 13.568 $\pm$ 0.029 χ^2 /NDF: 19871.1/39
 Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35
 In: 13.625 $\pm$ 0.041 χ^2 /NDF:10488.5/35
 Out: 13.794 $\pm$ 0.040 χ^2 /NDF:10944.7/39
 All: 13.711 $\pm$ 0.028 χ^2 /NDF: 21442.0/75

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: -6.505 ± 0.036 χ^2/NDF : 1314.3/18

Left: -6.494 ± 0.025 χ^2/NDF : 2622.6/39

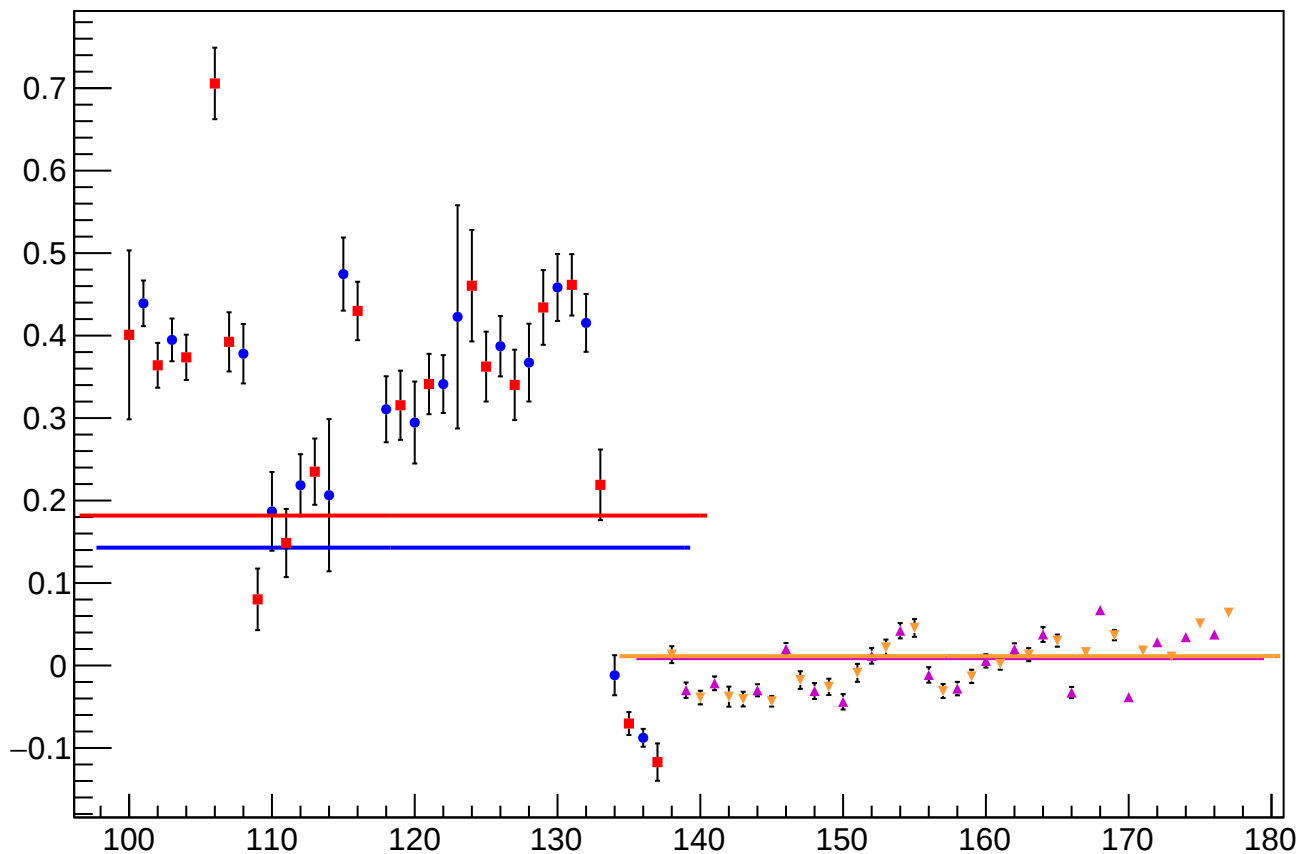
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.367 ± 0.034 χ^2/NDF : 3117.7/35

Out: -6.362 ± 0.034 χ^2/NDF : 2853.4/39

All: -6.364 ± 0.024 χ^2/NDF : 5971.1/75

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.011 $\pm$ 0.002 χ^2 /NDF:409.9/20

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: 0.009 $\pm$ 0.002 χ^2 /NDF:452.3/18

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 863.3/39

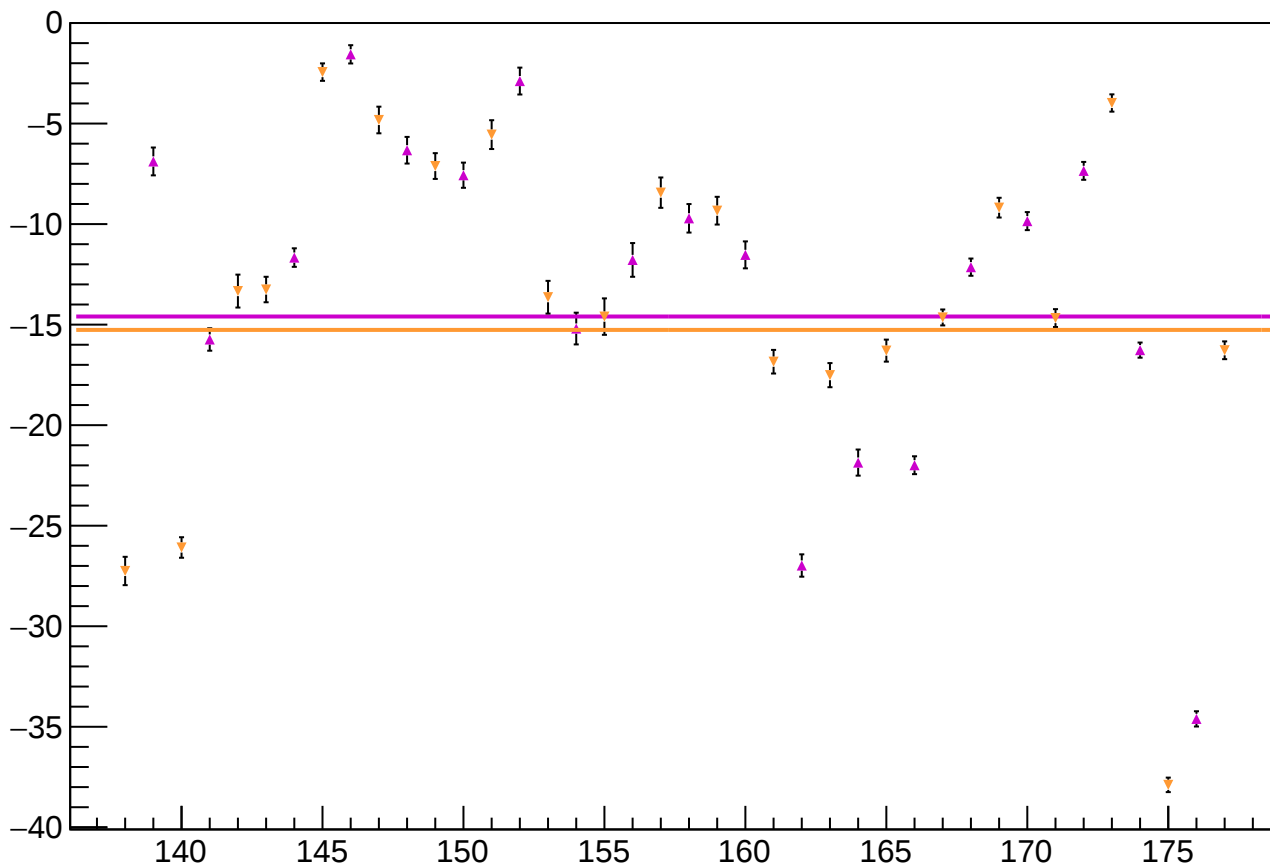
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.016 $\pm$ 0.002 χ^2 /NDF:1853.8/35

Out: 0.019 $\pm$ 0.002 χ^2 /NDF:1927.6/39

All: 0.017 $\pm$ 0.001 χ^2 /NDF: 3783.6/75

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



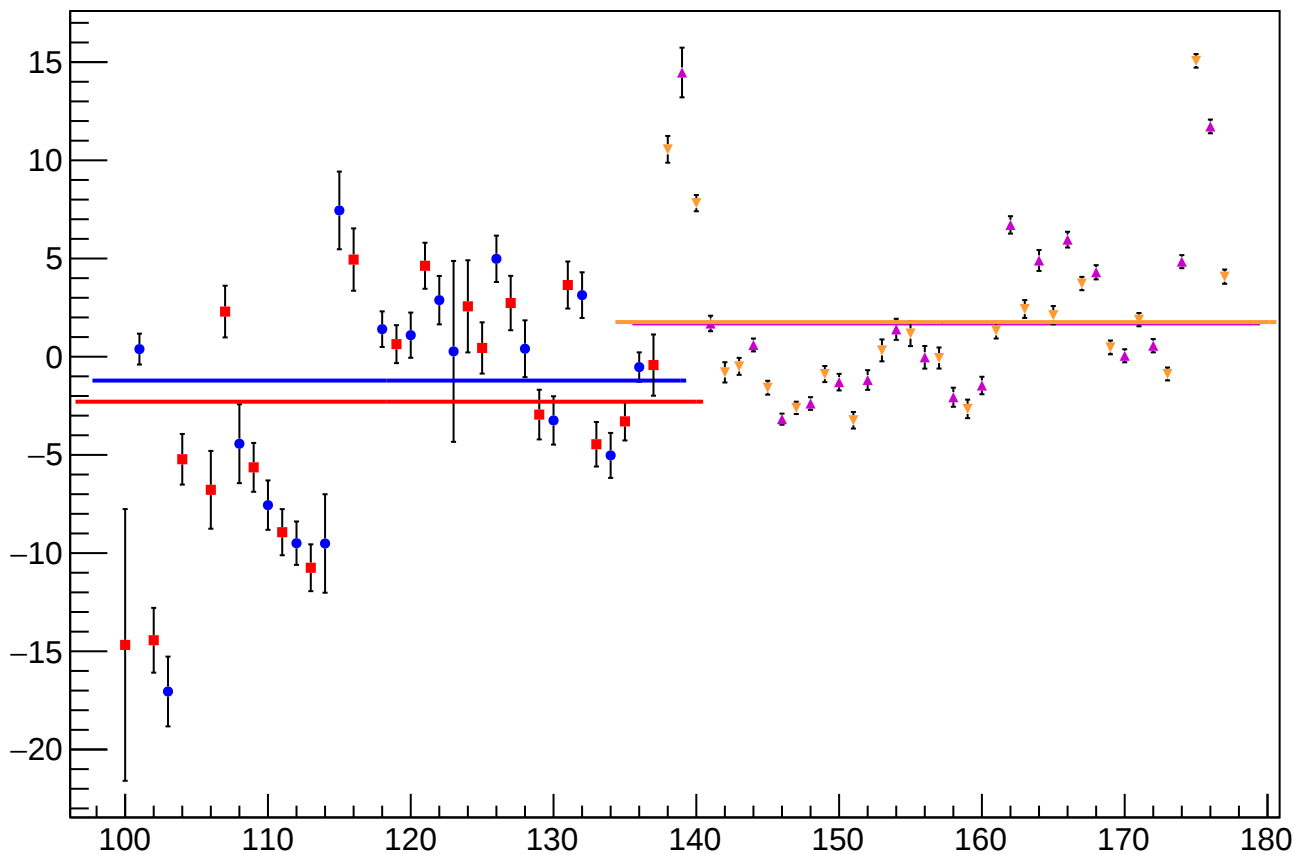
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.263+/-0.119 χ^2/NDF : 7195.9/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.596+/-0.120 χ^2/NDF : 5767.9/18

Left: -14.934+/-0.084 χ^2/NDF : 12979.4/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.596+/-0.120 χ^2/NDF : 5767.9/18
 Out: -15.263+/-0.119 χ^2/NDF : 7195.9/20

All: -14.934+/-0.084 χ^2/NDF : 12979.4/39

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: 1.693 ± 0.091 χ^2/NDF : 2045.6/18

Left: 1.729 ± 0.064 χ^2/NDF : 4685.8/39

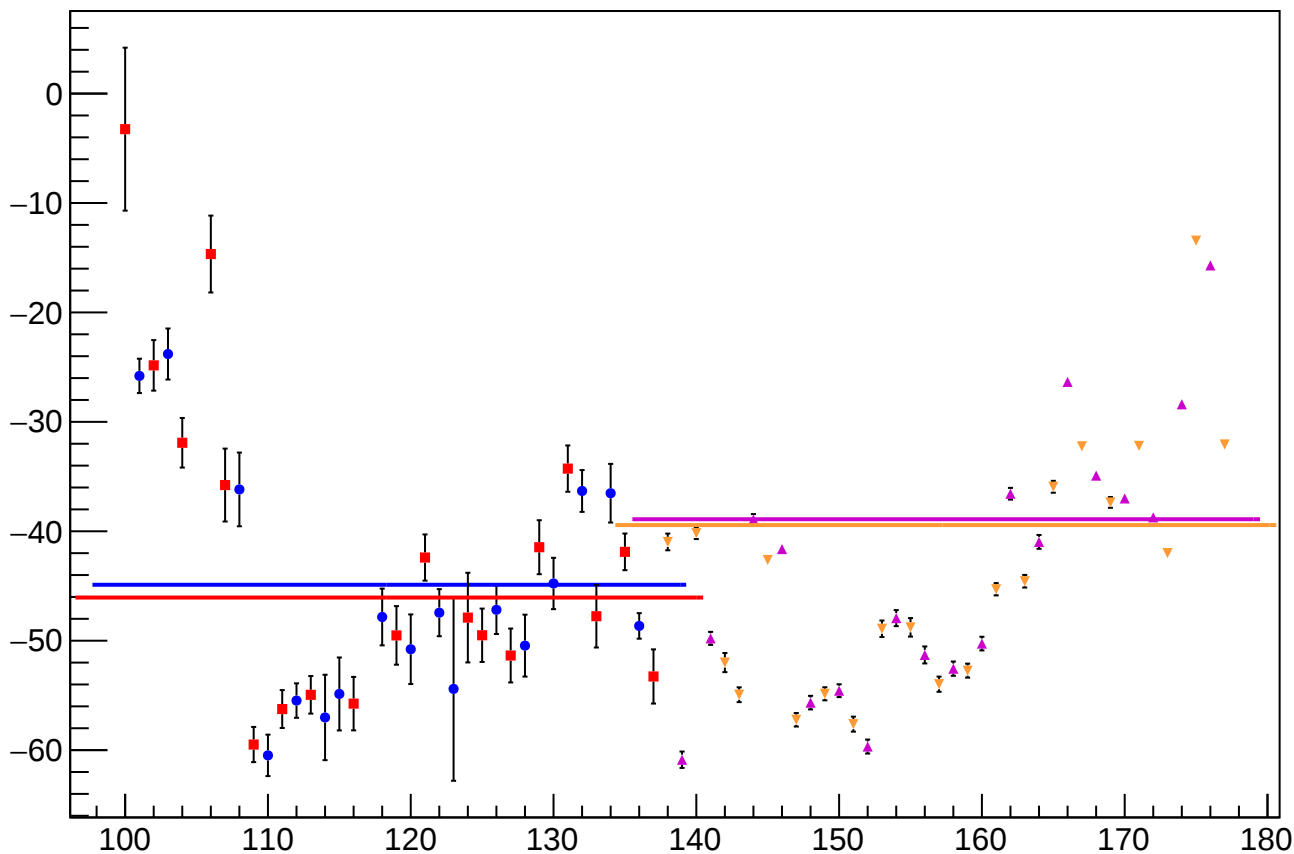
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 1.434 ± 0.087 χ^2/NDF : 2415.7/35

Out: 1.440 ± 0.085 χ^2/NDF : 3092.7/39

All: 1.437 ± 0.061 χ^2/NDF : 5508.4/75

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: -38.899 ± 0.120 χ^2/NDF : 10280.7/18

Left: -39.169 ± 0.084 χ^2/NDF : 20735.8/39

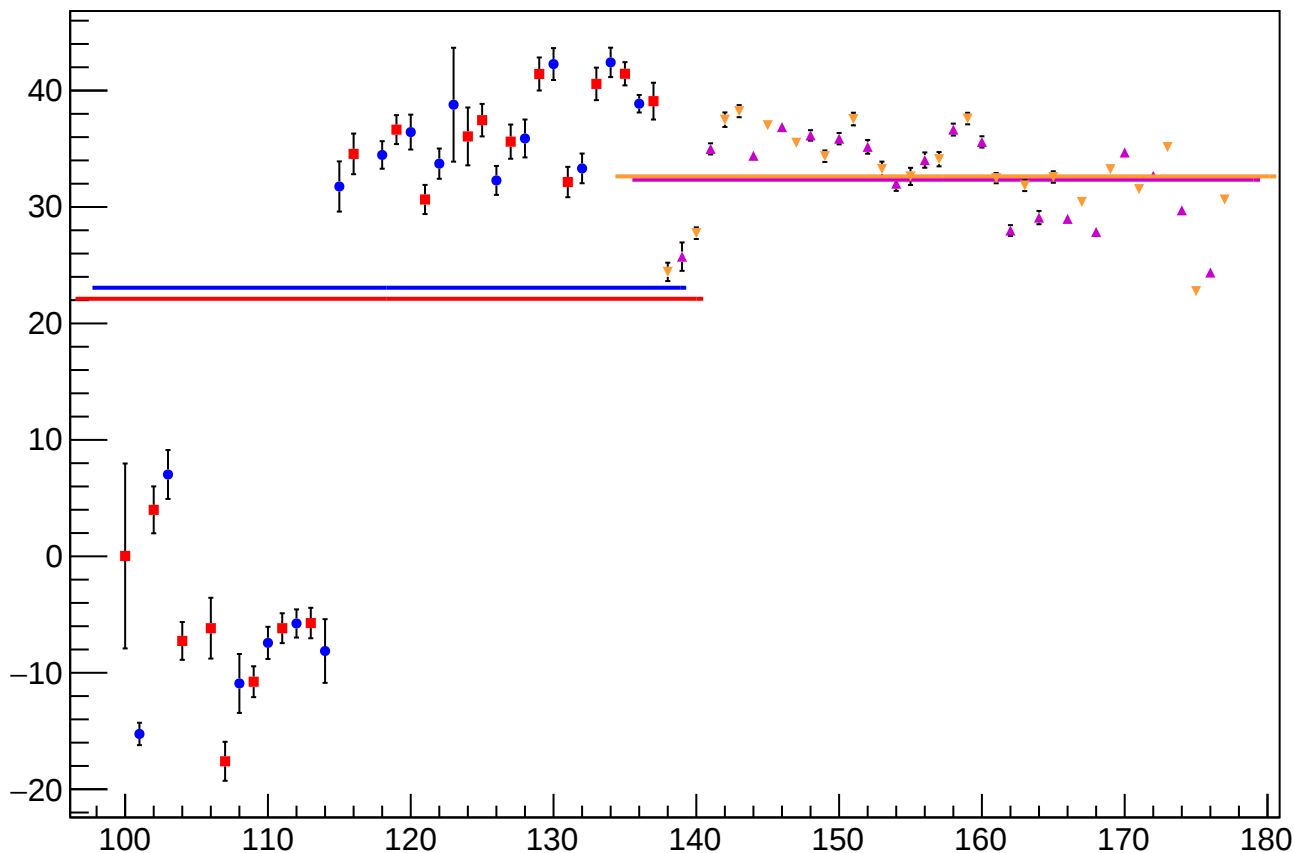
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -39.199 ± 0.117 χ^2/NDF : 10825.5/35

Out: -39.751 ± 0.116 χ^2/NDF : 11048.6/39

All: -39.478 ± 0.082 χ^2/NDF : 21885.4/75

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: 32.344 $\pm$ 0.104 χ^2 /NDF:1360.4/18

Left: 32.490 $\pm$ 0.072 χ^2 /NDF: 2964.9/39

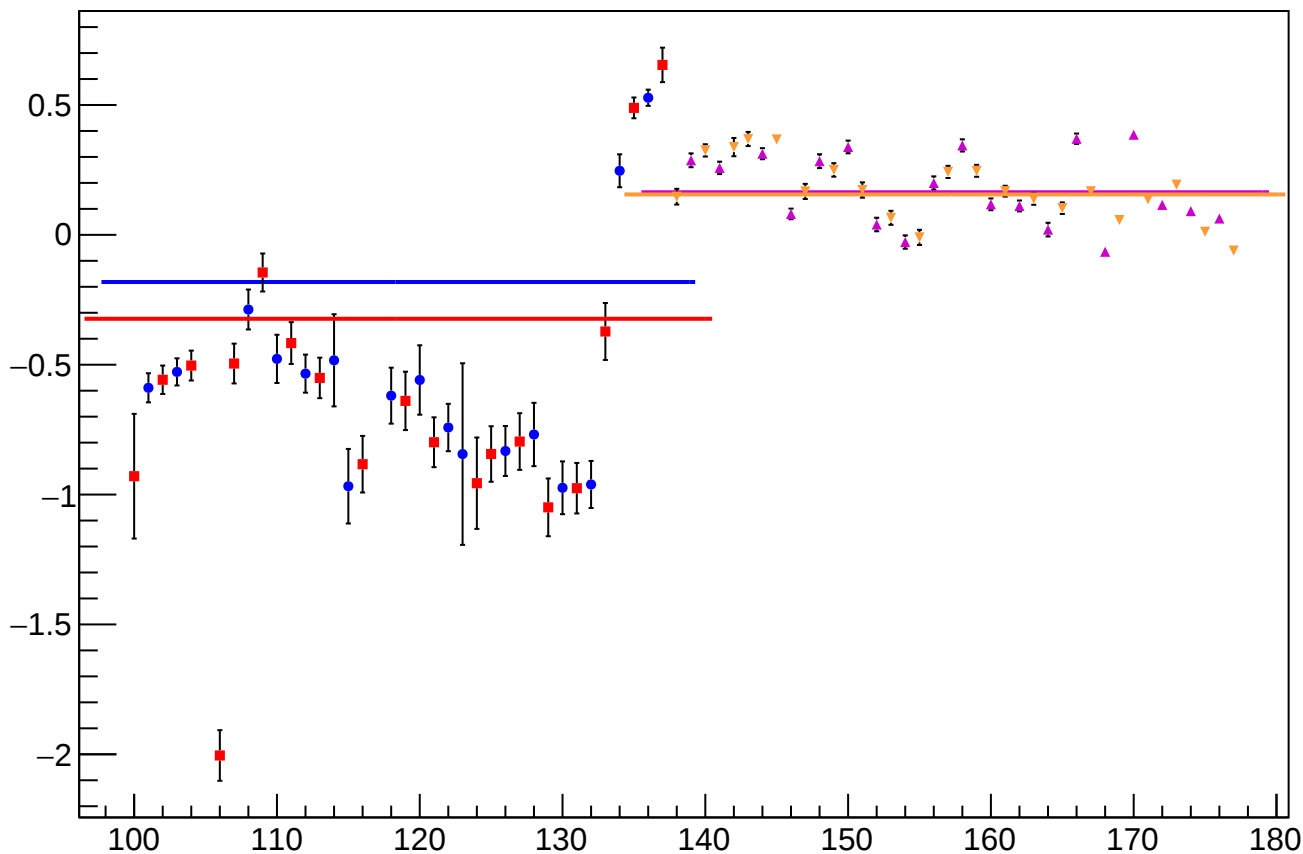
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 31.496 $\pm$ 0.099 χ^2 /NDF:6427.4/35

Out: 31.774 $\pm$ 0.097 χ^2 /NDF:6513.3/39

All: 31.638 $\pm$ 0.069 χ^2 /NDF: 12944.7/75

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: 0.164 ± 0.005 χ^2/NDF : 908.6/18

Left: 0.160 ± 0.003 χ^2/NDF : 1555.6/39

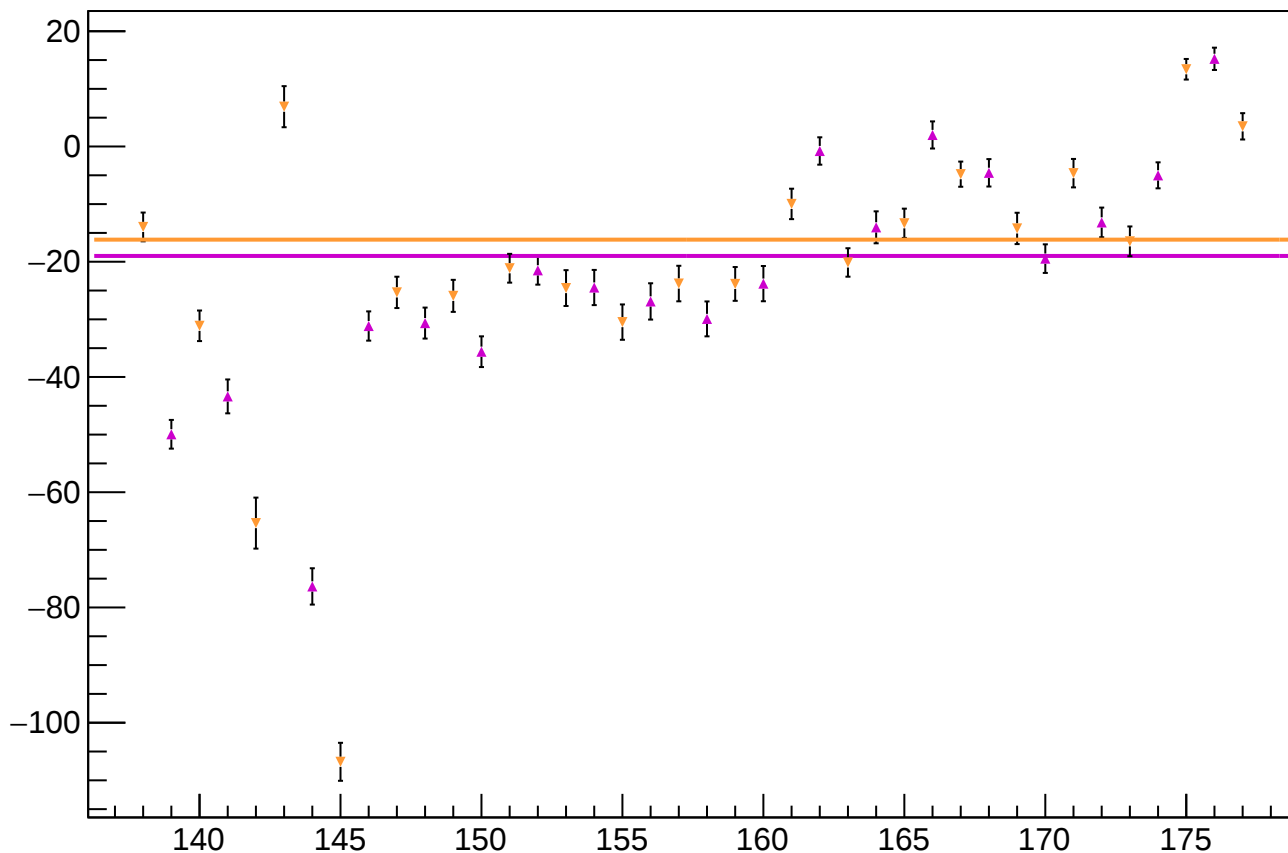
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.141 ± 0.005 χ^2/NDF : 2259.8/35

Out: 0.126 ± 0.005 χ^2/NDF : 2481.0/39

All: 0.133 ± 0.003 χ^2/NDF : 4746.5/75

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: -18.996+/-0.594 χ^2/NDF :1194.7/18

Left: -17.541+/-0.414 χ^2/NDF : 2635.9/39

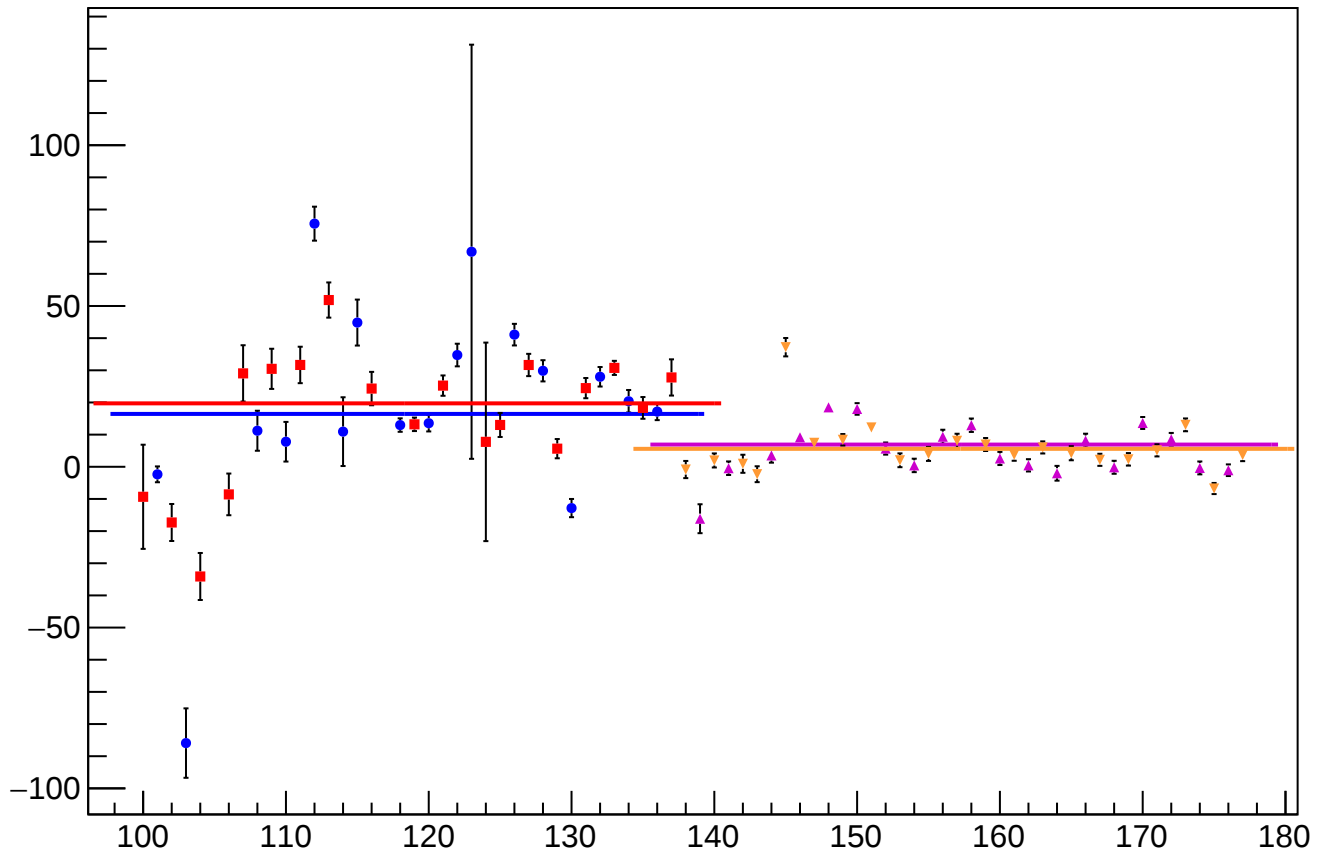
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.996+/-0.594 χ^2/NDF :1194.7/18

Out: -16.167+/-0.577 χ^2/NDF :1429.5/20

All: -17.541+/-0.414 χ^2/NDF : 2635.9/39

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 5.579 ± 0.426 $\chi^2/\text{NDF}: 248.9/20$

Right Out: 19.724 ± 0.898 $\chi^2/\text{NDF}: 241.7/18$

Left In: 6.904 ± 0.446 $\chi^2/\text{NDF}: 268.5/18$

Left: 6.211 ± 0.308 $\chi^2/\text{NDF}: 522.0/39$

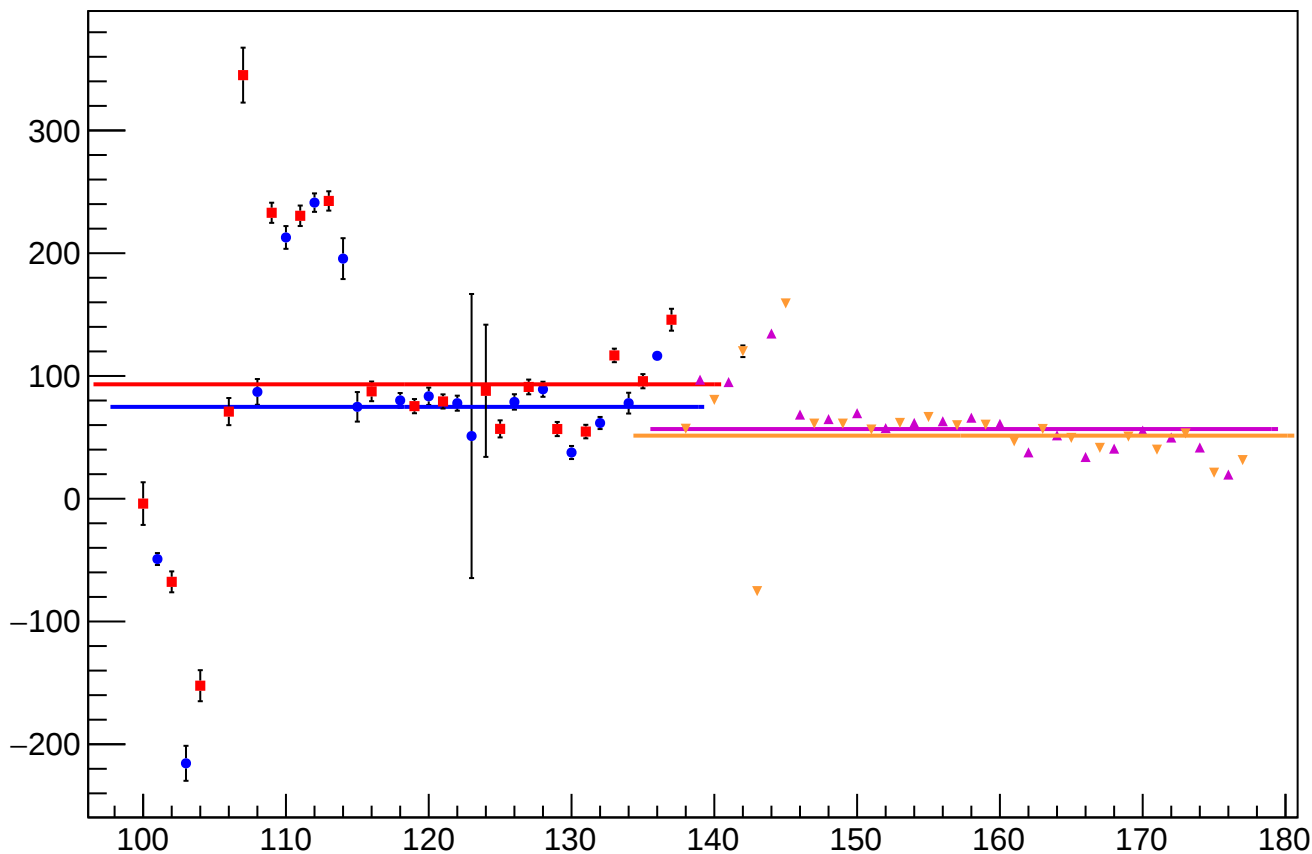
Right: 17.989 ± 0.617 $\chi^2/\text{NDF}: 765.7/35$

In: 8.965 ± 0.395 $\chi^2/\text{NDF}: 884.5/35$

Out: 8.175 ± 0.385 $\chi^2/\text{NDF}: 693.2/39$

All: 8.560 ± 0.275 $\chi^2/\text{NDF}: 1579.8/75$

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: 56.767+/-0.587 χ^2/NDF :1612.6/18

Left: 54.006+/-0.409 χ^2/NDF : 4583.2/39

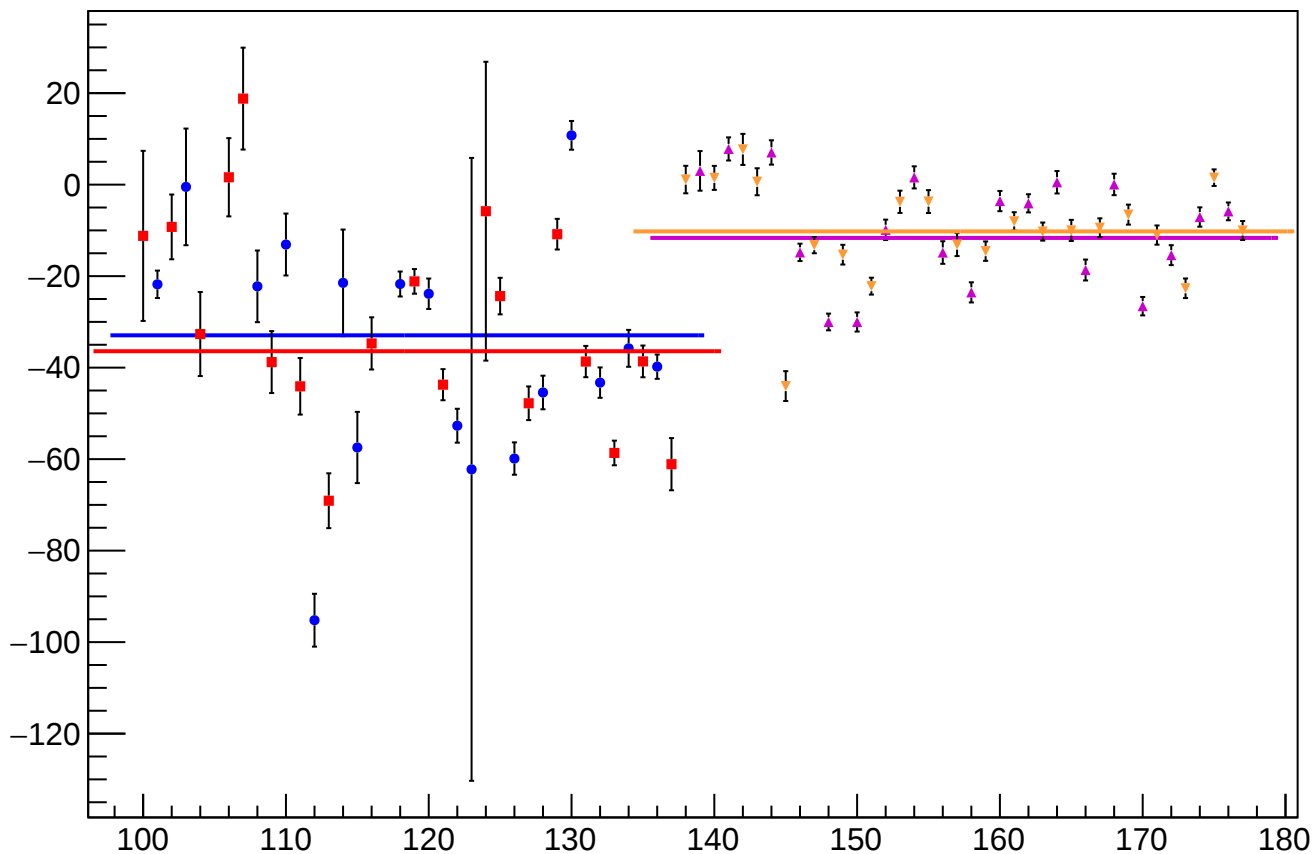
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 58.820+/-0.552 χ^2/NDF :3717.0/35

Out: 55.576+/-0.541 χ^2/NDF :5465.1/39

All: 57.164+/-0.387 χ^2/NDF : 9199.7/75

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -10.221 ± 0.487 $\chi^2/\text{NDF}: 332.9/20$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -11.649 ± 0.510 $\chi^2/\text{NDF}: 520.5/18$

Left: -10.902 ± 0.352 $\chi^2/\text{NDF}: 857.5/39$

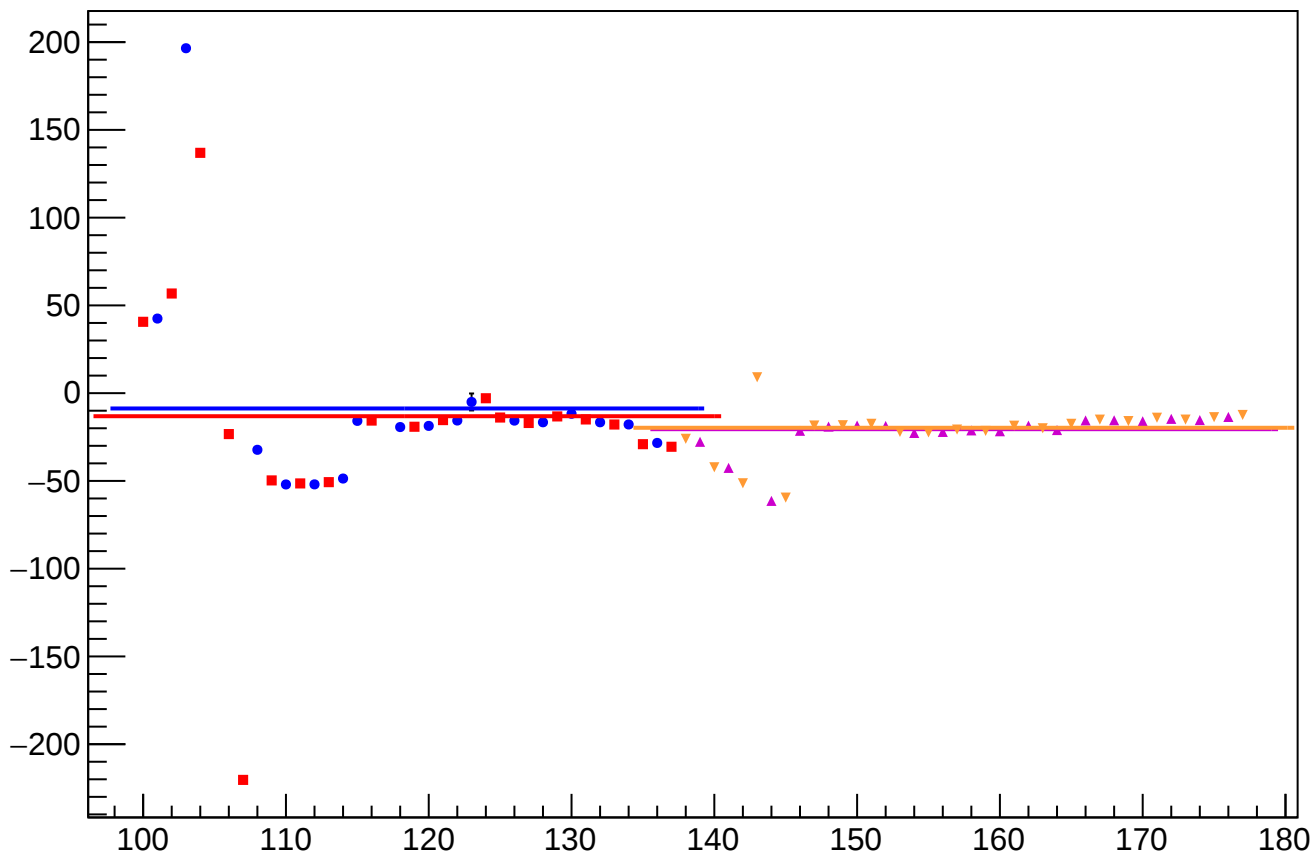
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -16.236 ± 0.452 $\chi^2/\text{NDF}: 1386.4/35$

Out: -15.048 ± 0.440 $\chi^2/\text{NDF}: 1160.4/39$

All: -15.626 ± 0.315 $\chi^2/\text{NDF}: 2550.4/75$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -19.724 ± 0.023 χ^2/NDF : 212408.8/20

Right Out: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

Left In: -20.527 ± 0.023 χ^2/NDF : 137542.4/18

Left: -20.118 ± 0.016 χ^2/NDF : 350574.4/39

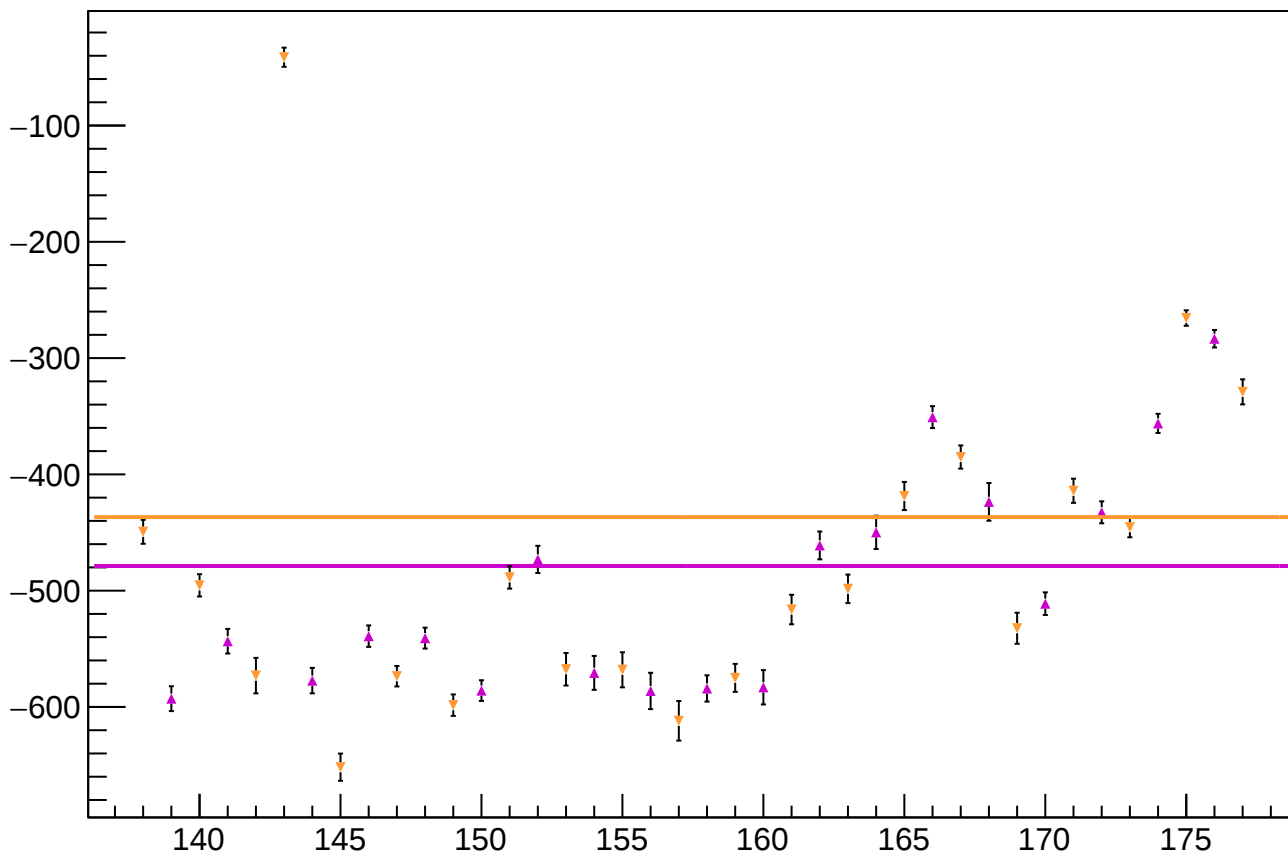
Right: -10.824 ± 0.043 χ^2/NDF : 1137135.6/35

In: -18.972 ± 0.021 χ^2/NDF : 748291.4/35

Out: -18.950 ± 0.021 χ^2/NDF : 781080.6/39

All: -18.961 ± 0.015 χ^2/NDF : 1529372.5/75

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: -478.805+/-2.408 χ^2/NDF :1827.1/18

Left: -456.705+/-1.659 χ^2/NDF : 6648.1/39

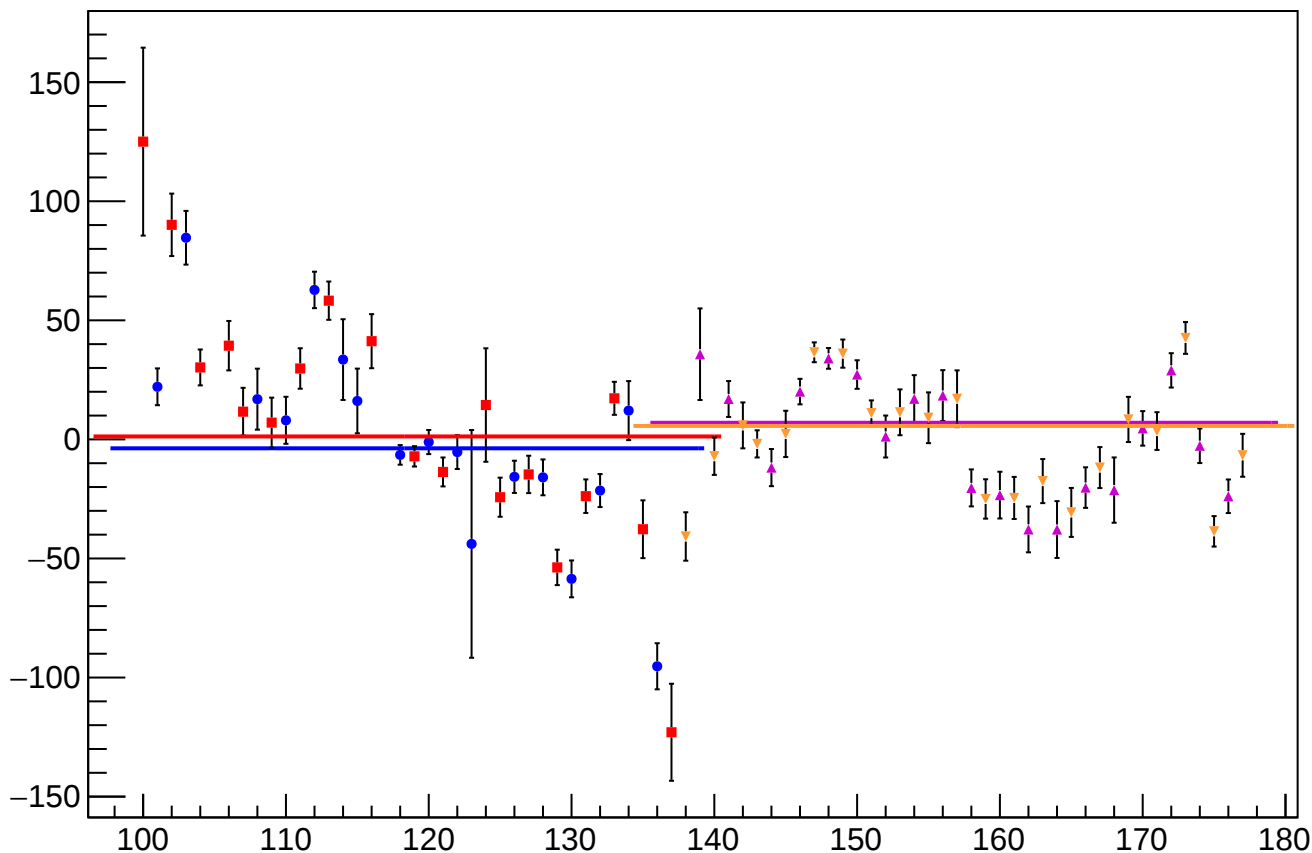
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -478.805+/-2.408 χ^2/NDF :1827.1/18

Out: -436.733+/-2.289 χ^2/NDF :4660.6/20

All: -456.705+/-1.659 χ^2/NDF : 6648.1/39

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: 6.978 ± 1.754 χ^2/NDF : 171.0/18

Left: 6.268 ± 1.196 χ^2/NDF : 409.5/39

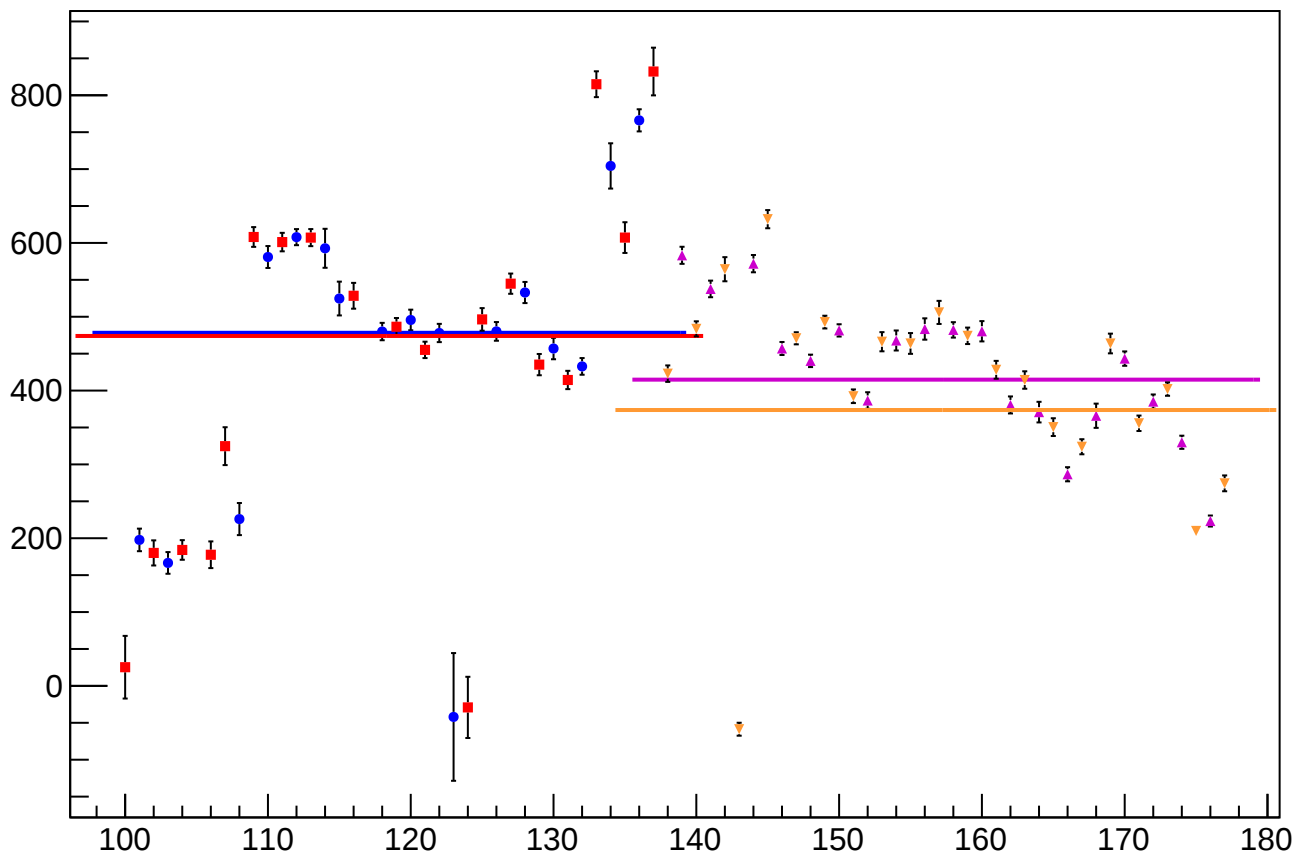
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 2.023 ± 1.286 χ^2/NDF : 502.3/35

Out: 3.794 ± 1.243 χ^2/NDF : 544.8/39

All: 2.939 ± 0.894 χ^2/NDF : 1048.1/75

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 373.670 $\pm$ 2.277 χ^2 /NDF: 4532.3/20

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 414.808 $\pm$ 2.385 χ^2 /NDF: 1692.6/18

Left: 393.293 $\pm$ 1.647 χ^2 /NDF: 6380.5/39

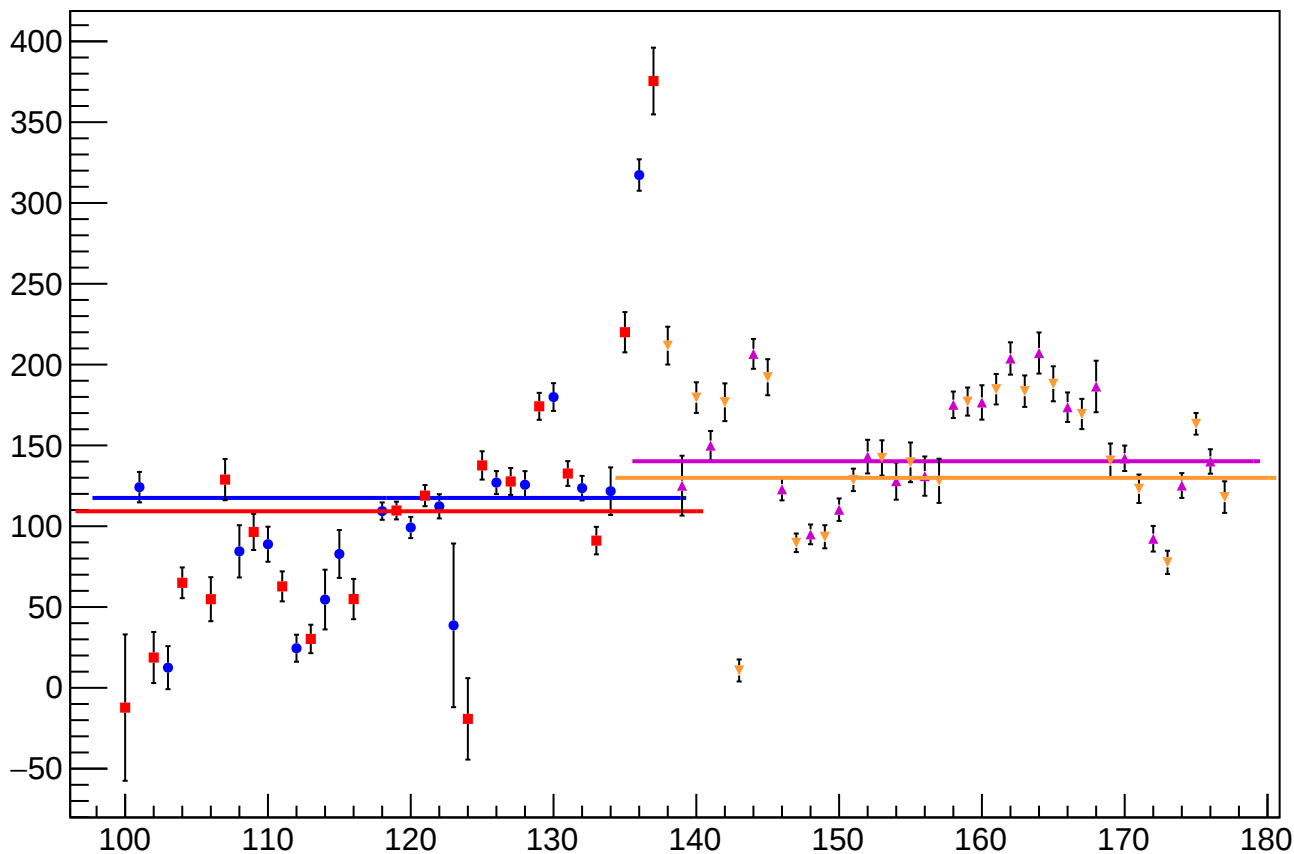
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 433.877 $\pm$ 1.994 χ^2 /NDF: 3533.3/35

Out: 403.159 $\pm$ 1.913 χ^2 /NDF: 7391.0/39

All: 417.883 $\pm$ 1.381 χ^2 /NDF: 11047.9/75

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 129.907 $\pm$ 1.906 χ^2 /NDF:727.4/20

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 140.199 $\pm$ 2.035 χ^2 /NDF:295.7/18

Left: 134.718 $\pm$ 1.391 χ^2 /NDF: 1036.7/39

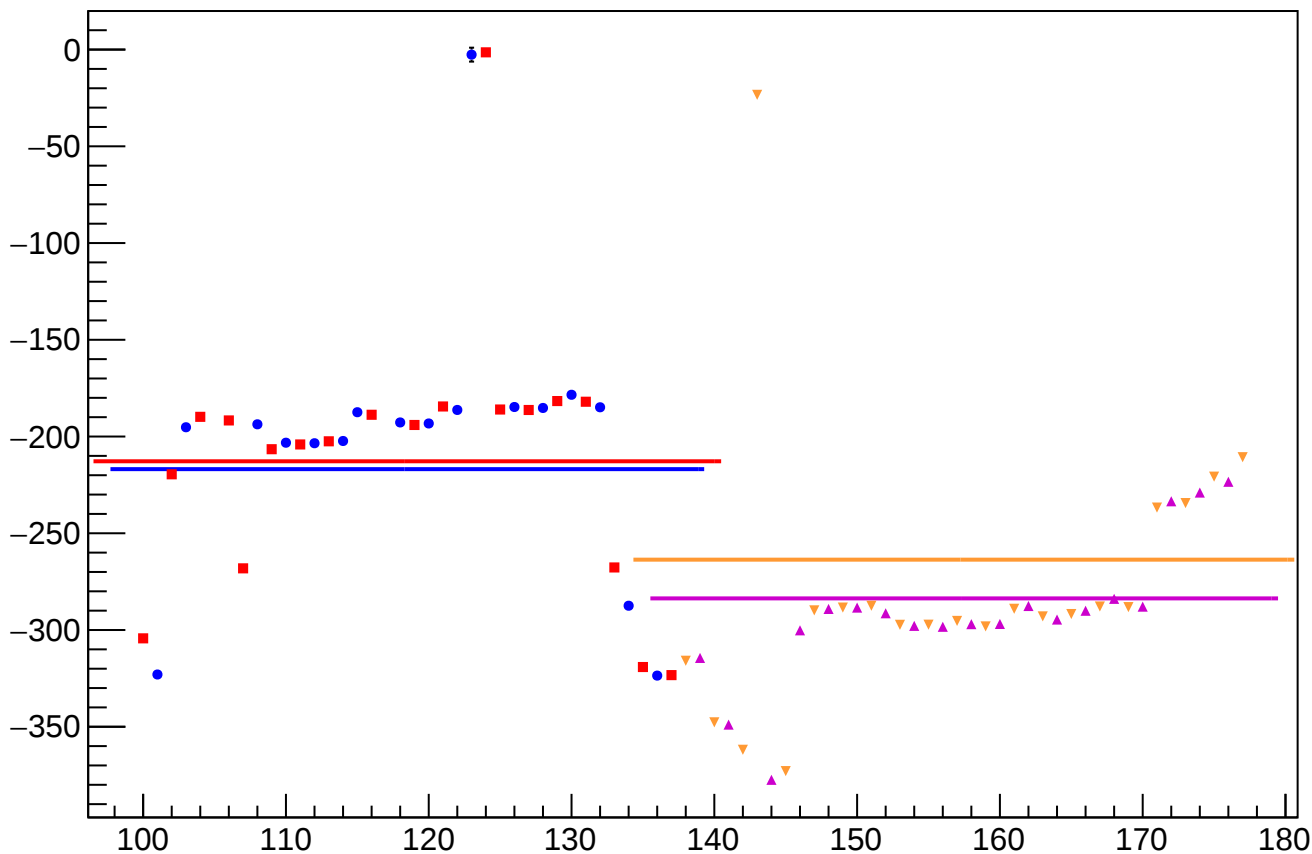
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 129.722 $\pm$ 1.493 χ^2 /NDF:1059.0/35

Out: 121.074 $\pm$ 1.442 χ^2 /NDF:1347.1/39

All: 125.248 $\pm$ 1.037 χ^2 /NDF: 2423.5/75

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -263.639 ± 0.092 $\chi^2/\text{NDF}: 683921.3/20$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -283.660 ± 0.095 $\chi^2/\text{NDF}: 147805.0/18$

Left: -273.337 ± 0.066 $\chi^2/\text{NDF}: 854751.1/39$

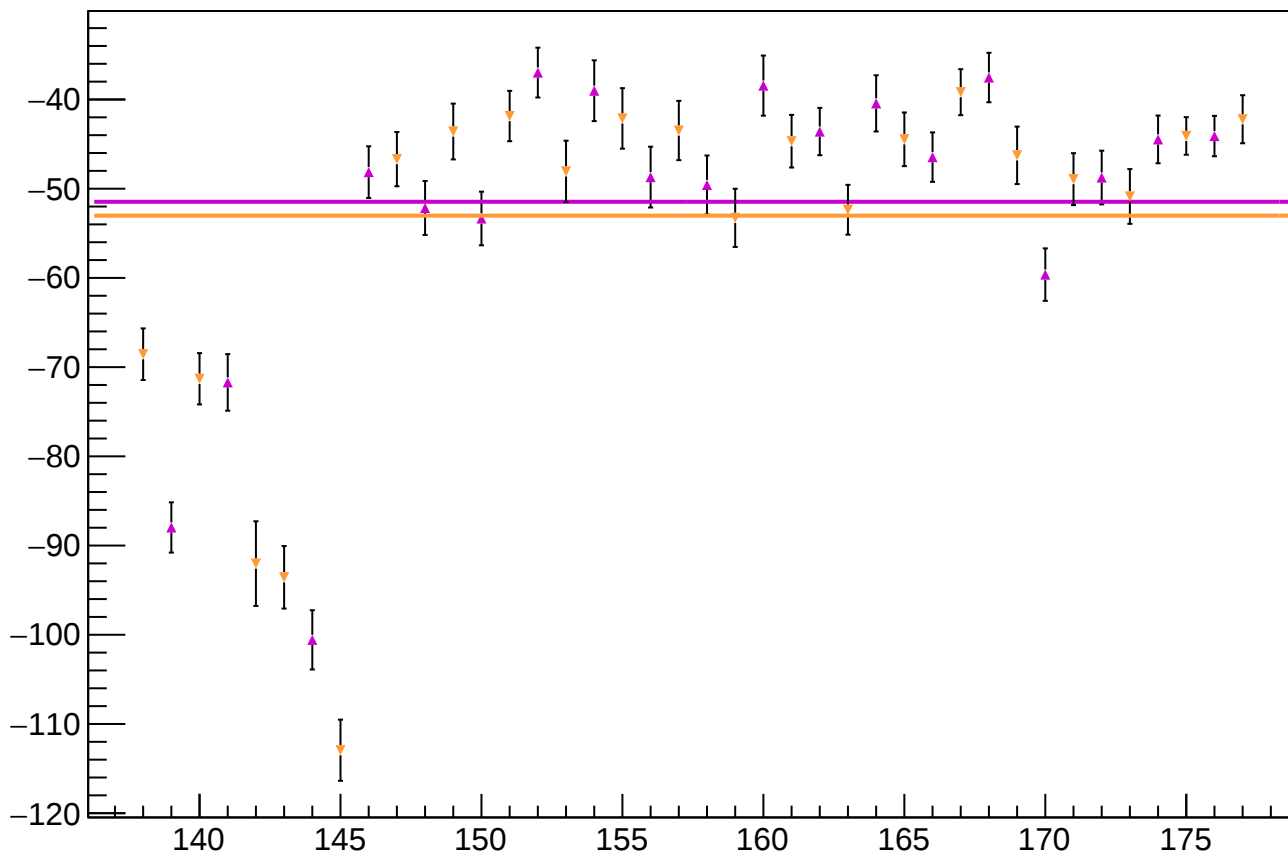
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -261.802 ± 0.078 $\chi^2/\text{NDF}: 457412.6/35$

Out: -246.724 ± 0.075 $\chi^2/\text{NDF}: 902495.6/39$

All: -253.997 ± 0.054 $\chi^2/\text{NDF}: 1379393.1/75$

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: -51.465+/-0.674 χ^2/NDF : 560.8/18

Left: -52.266+/-0.470 χ^2/NDF : 1275.2/39

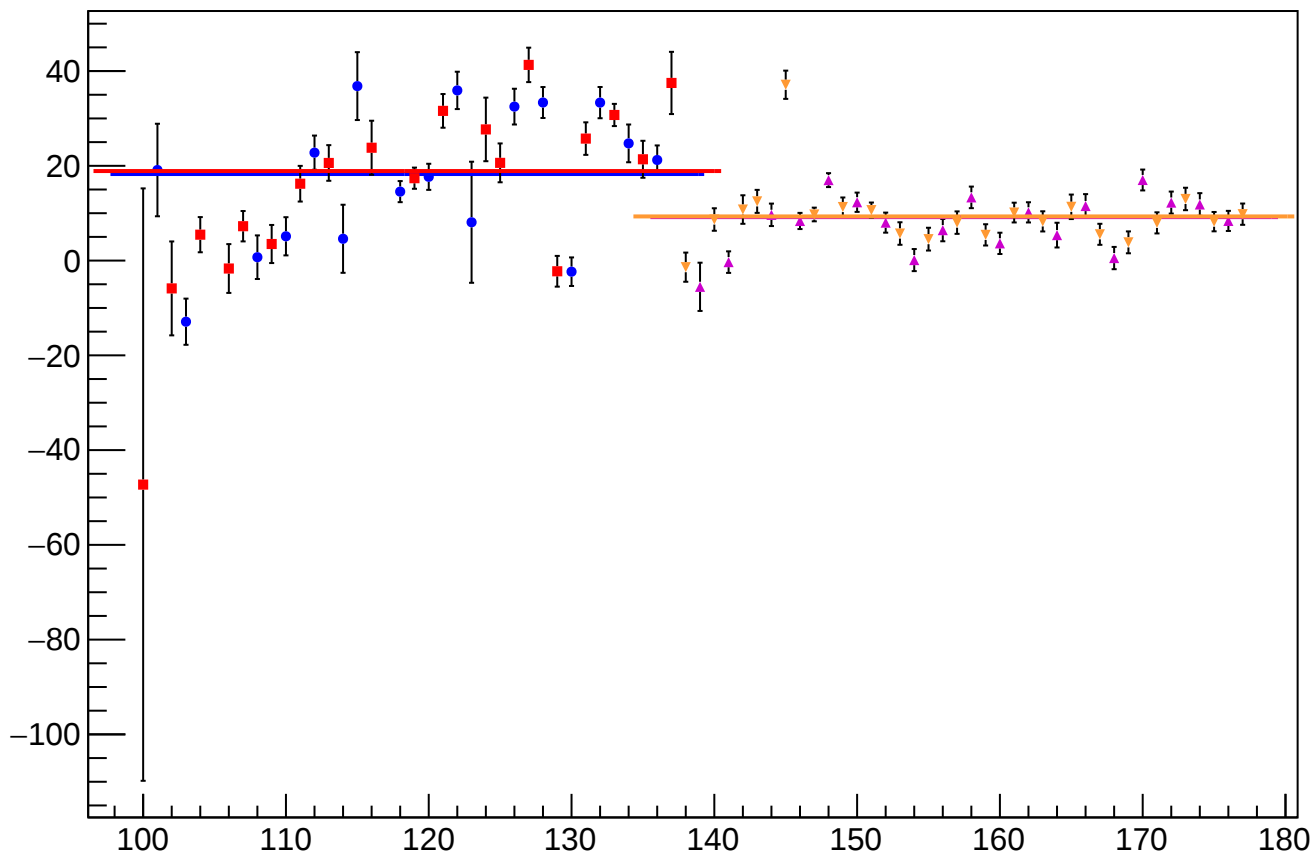
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.465+/-0.674 χ^2/NDF : 560.8/18

Out: -53.021+/-0.655 χ^2/NDF : 711.7/20

All: -52.266+/-0.470 χ^2/NDF : 1275.2/39

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: 9.175 ± 0.504 χ^2/NDF : 115.4/18

Left: 9.250 ± 0.348 χ^2/NDF : 240.4/39

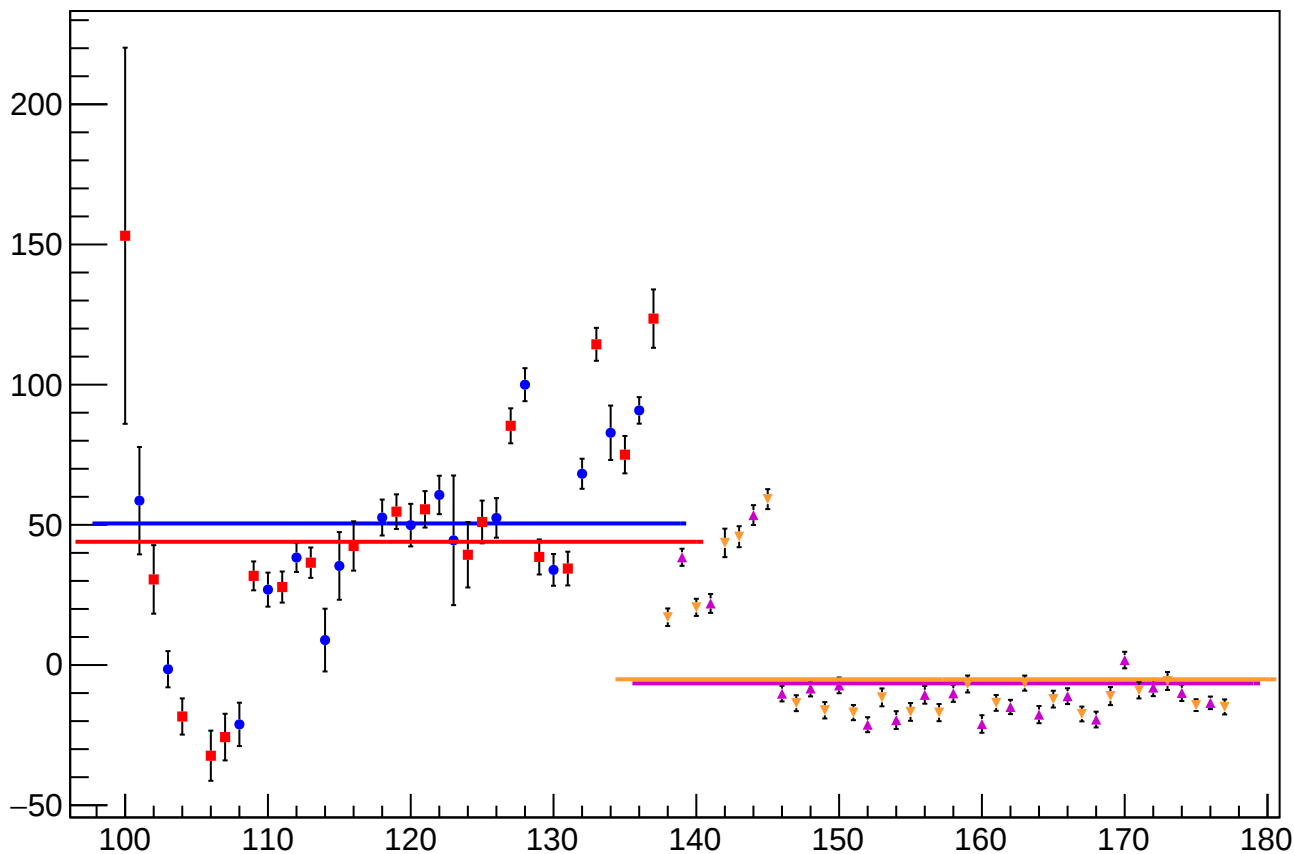
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.324 ± 0.441 χ^2/NDF : 400.5/35

Out: 11.582 ± 0.420 χ^2/NDF : 418.0/39

All: 11.459 ± 0.304 χ^2/NDF : 818.7/75

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: -6.537 $\pm$ 0.666 χ^2 /NDF:715.6/18

Left: -5.792 $\pm$ 0.464 χ^2 /NDF: 1590.7/39

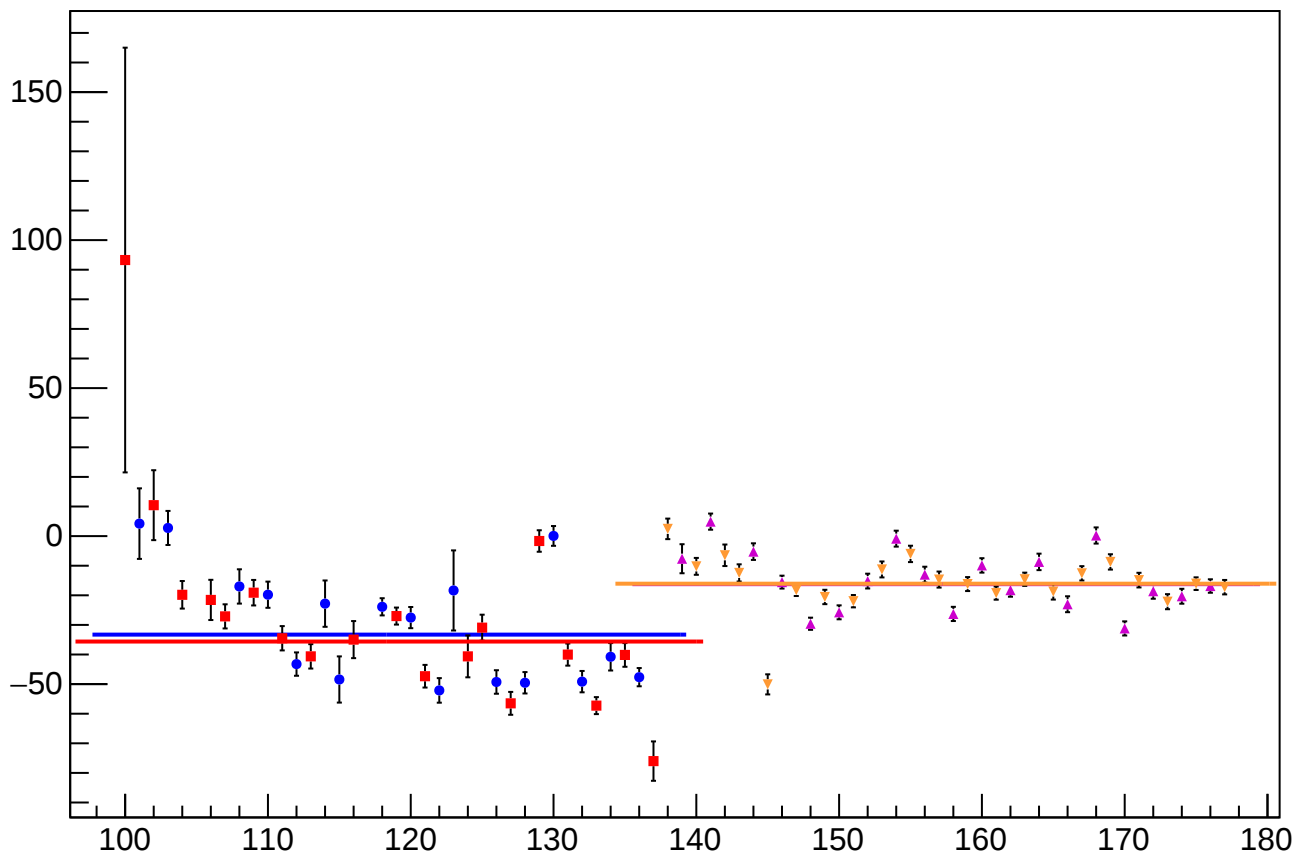
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 1.277 $\pm$ 0.618 χ^2 /NDF:2084.3/35

Out: 1.794 $\pm$ 0.600 χ^2 /NDF:2211.6/39

All: 1.543 $\pm$ 0.431 χ^2 /NDF: 4296.3/75

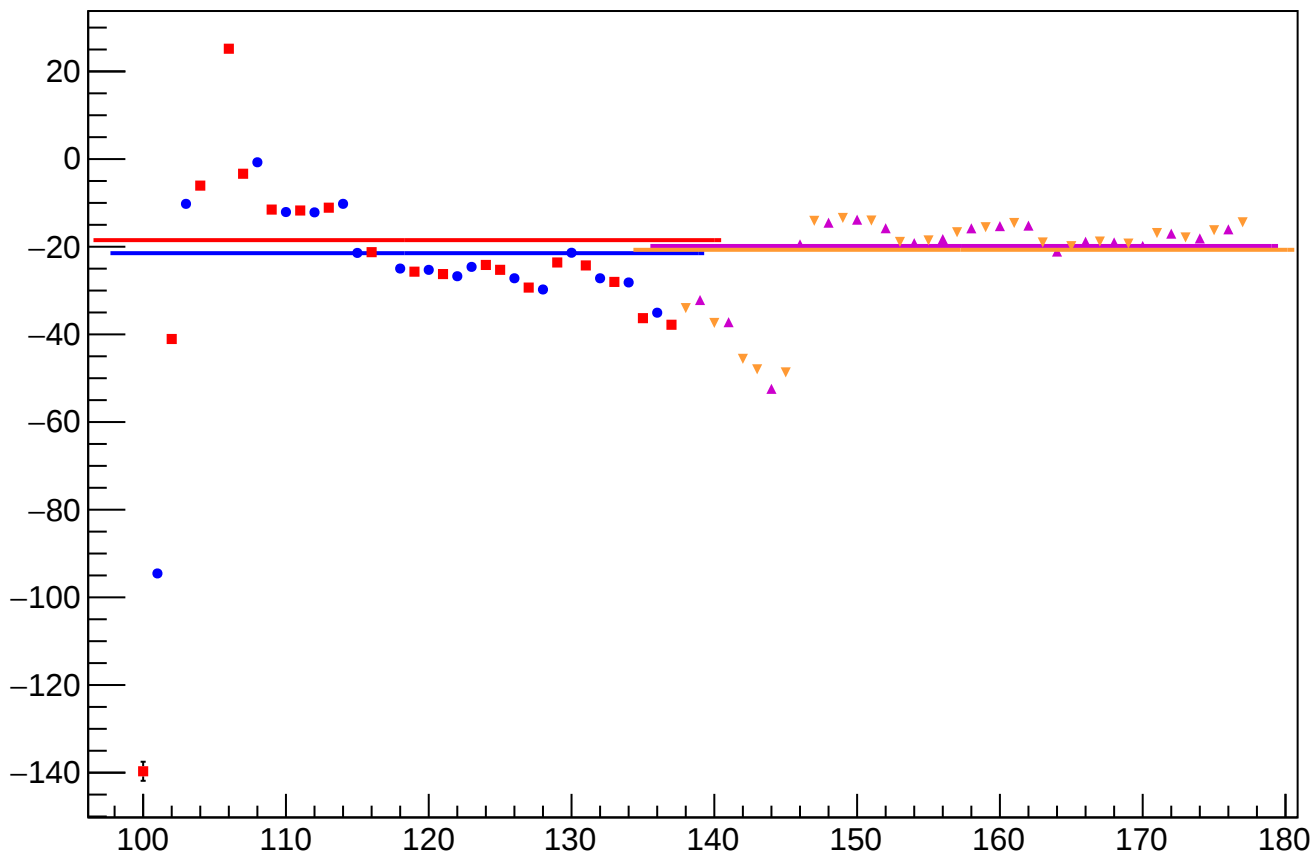
reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -16.238 ± 0.578 $\chi^2/\text{NDF}: 289.3/18$

Left: -16.152 ± 0.399 $\chi^2/\text{NDF}: 479.9/39$
 Right: -34.498 ± 0.716 $\chi^2/\text{NDF}: 583.4/35$
 In: -20.288 ± 0.504 $\chi^2/\text{NDF}: 789.0/35$
 Out: -20.688 ± 0.482 $\chi^2/\text{NDF}: 774.6/39$
 All: -20.497 ± 0.349 $\chi^2/\text{NDF}: 1563.9/75$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -20.701 ± 0.026 $\chi^2/\text{NDF}: 140109.8/20$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -19.827 ± 0.026 $\chi^2/\text{NDF}: 87494.9/18$

Left: -20.272 ± 0.018 $\chi^2/\text{NDF}: 228180.5/39$

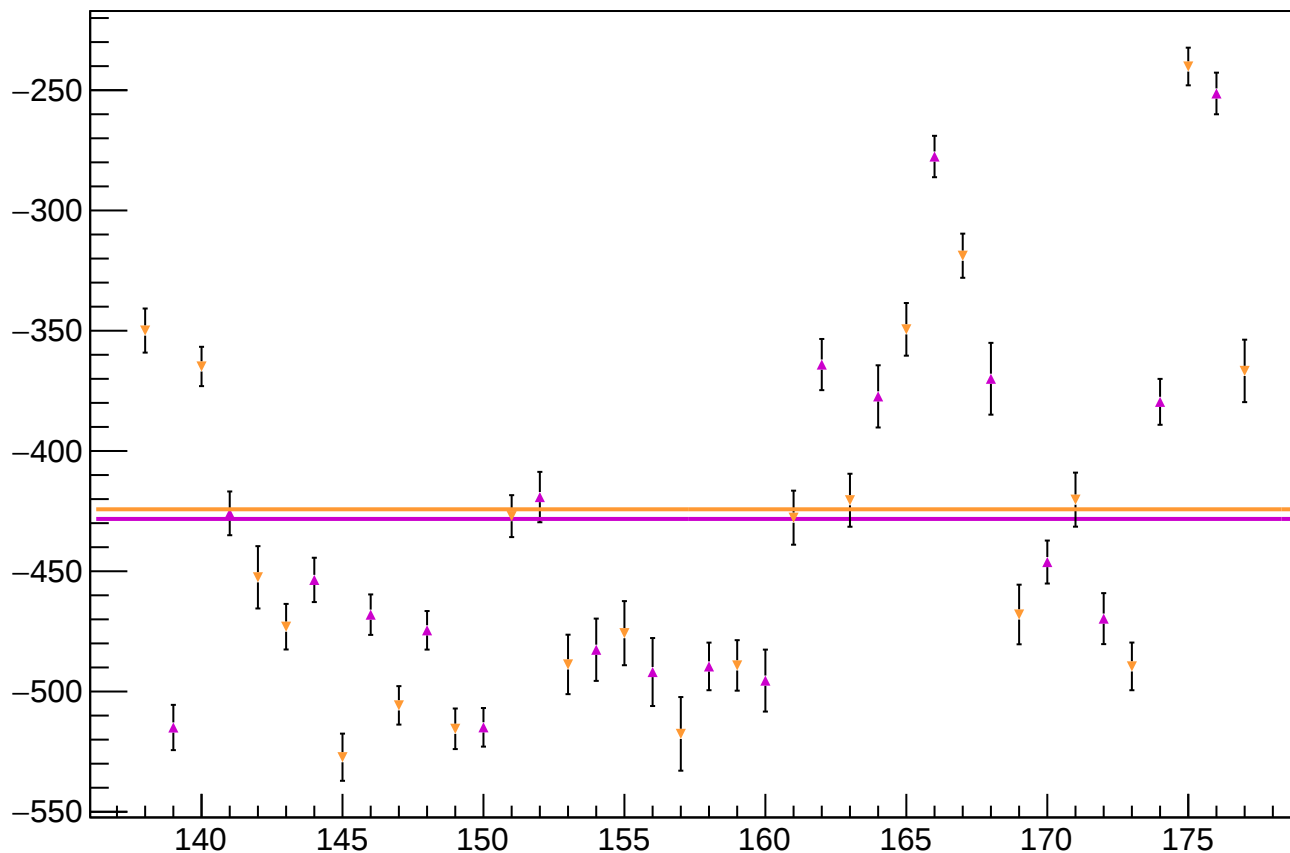
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -20.096 ± 0.024 $\chi^2/\text{NDF}: 137127.7/35$

Out: -20.336 ± 0.023 $\chi^2/\text{NDF}: 222044.6/39$

All: -20.218 ± 0.017 $\chi^2/\text{NDF}: 359224.6/75$

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: -428.250+/-2.263 χ^2/NDF :1206.1/18

Left: -426.190+/-1.579 χ^2/NDF : 2614.1/39

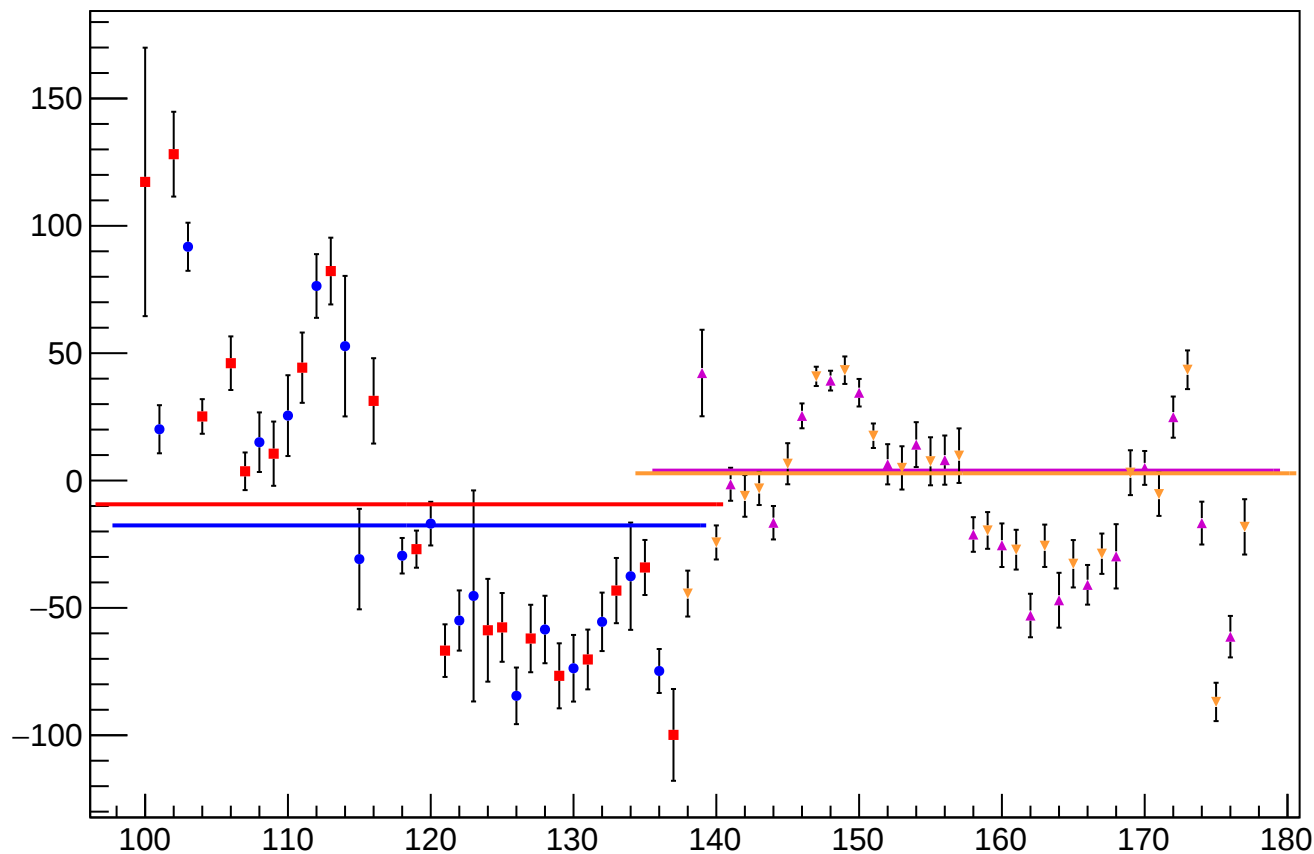
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -428.250+/-2.263 χ^2/NDF :1206.1/18

Out: -424.238+/-2.203 χ^2/NDF :1406.4/20

All: -426.190+/-1.579 χ^2/NDF : 2614.1/39

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: 3.889 ± 1.622 χ^2/NDF : 360.4/18

Left: 3.342 ± 1.120 χ^2/NDF : 816.2/39

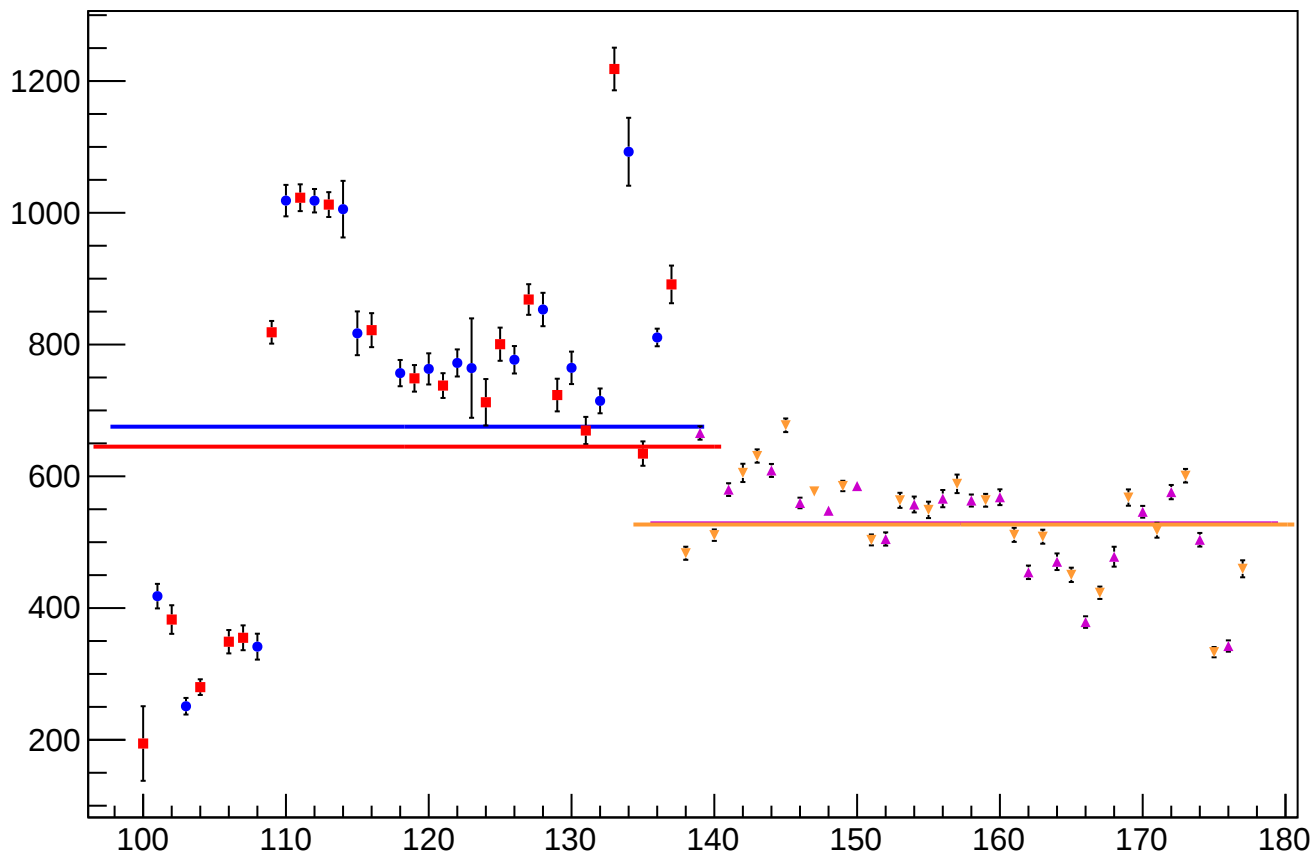
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: -1.555 ± 1.402 χ^2/NDF : 766.9/35

Out: -0.325 ± 1.331 χ^2/NDF : 838.2/39

All: -0.908 ± 0.965 χ^2/NDF : 1605.5/75

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: 528.593+/-2.234 χ^2/NDF :1278.2/18

Left: 527.694+/-1.562 χ^2/NDF : 2687.1/39

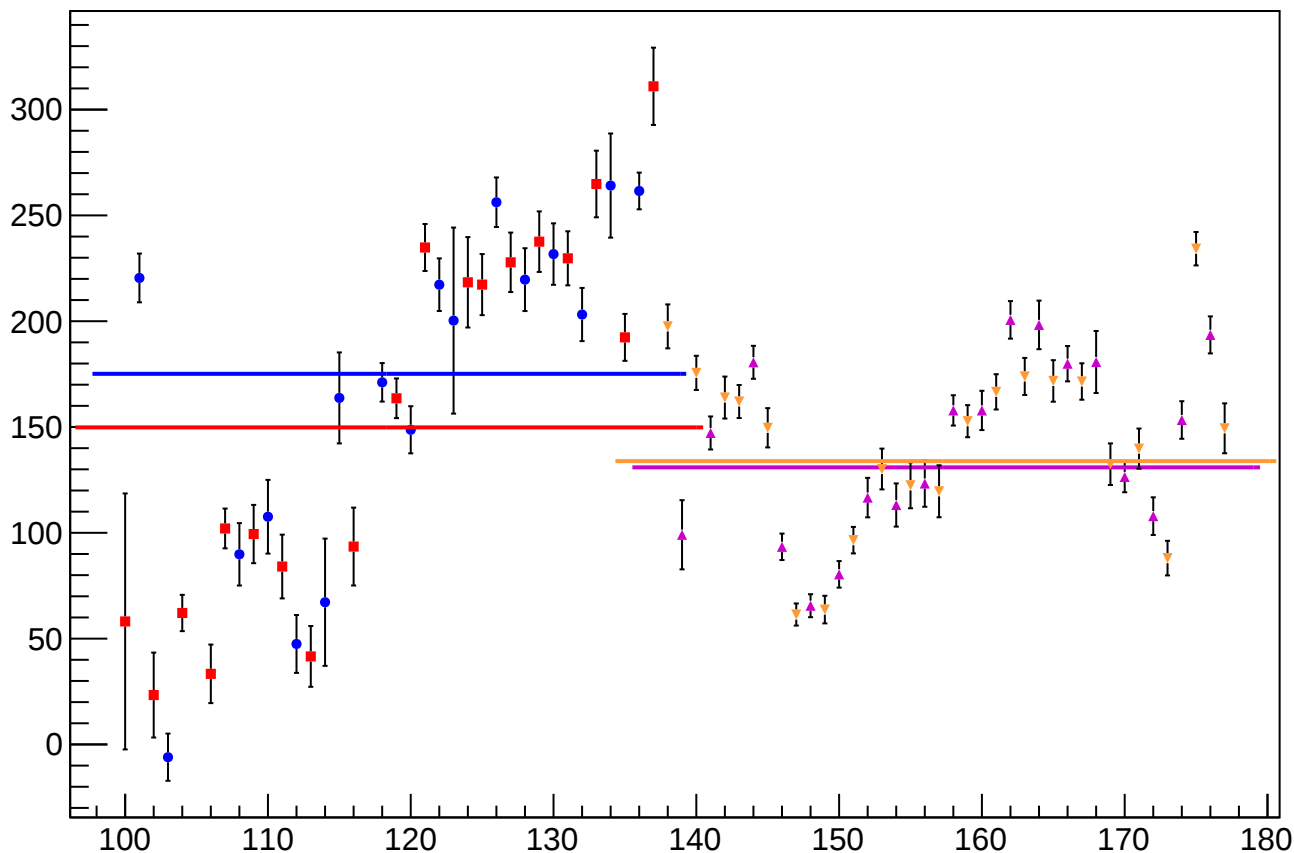
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 552.637+/-2.042 χ^2/NDF :4568.1/35

Out: 547.430+/-1.986 χ^2/NDF :5040.9/39

All: 549.961+/-1.424 χ^2/NDF : 9612.4/75

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: 130.932 $\pm$ 1.894 χ^2 /NDF: 529.6/18

Left: 132.472 $\pm$ 1.311 χ^2 /NDF: 1238.0/39

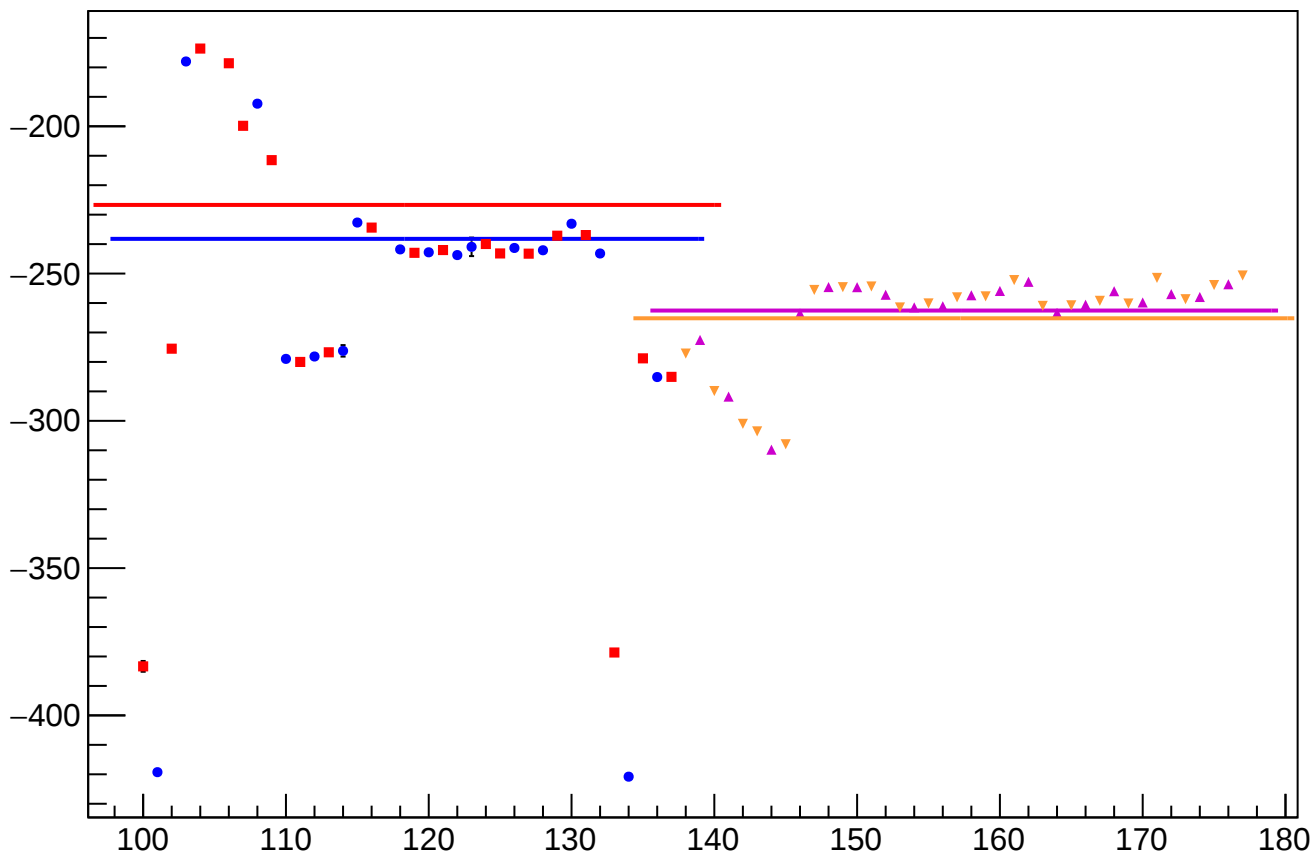
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 142.351 $\pm$ 1.631 χ^2 /NDF: 1306.0/35

Out: 138.083 $\pm$ 1.560 χ^2 /NDF: 1415.8/39

All: 140.123 $\pm$ 1.127 χ^2 /NDF: 2725.4/75

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 ± 0.160 $\chi^2/\text{NDF}: 167098.2/16$

Left Out: -265.183 ± 0.088 $\chi^2/\text{NDF}: 37414.4/20$

Right Out: -226.696 ± 0.151 $\chi^2/\text{NDF}: 102814.8/18$

Left In: -262.554 ± 0.089 $\chi^2/\text{NDF}: 21963.3/18$

Left: -263.881 ± 0.062 $\chi^2/\text{NDF}: 59820.4/39$

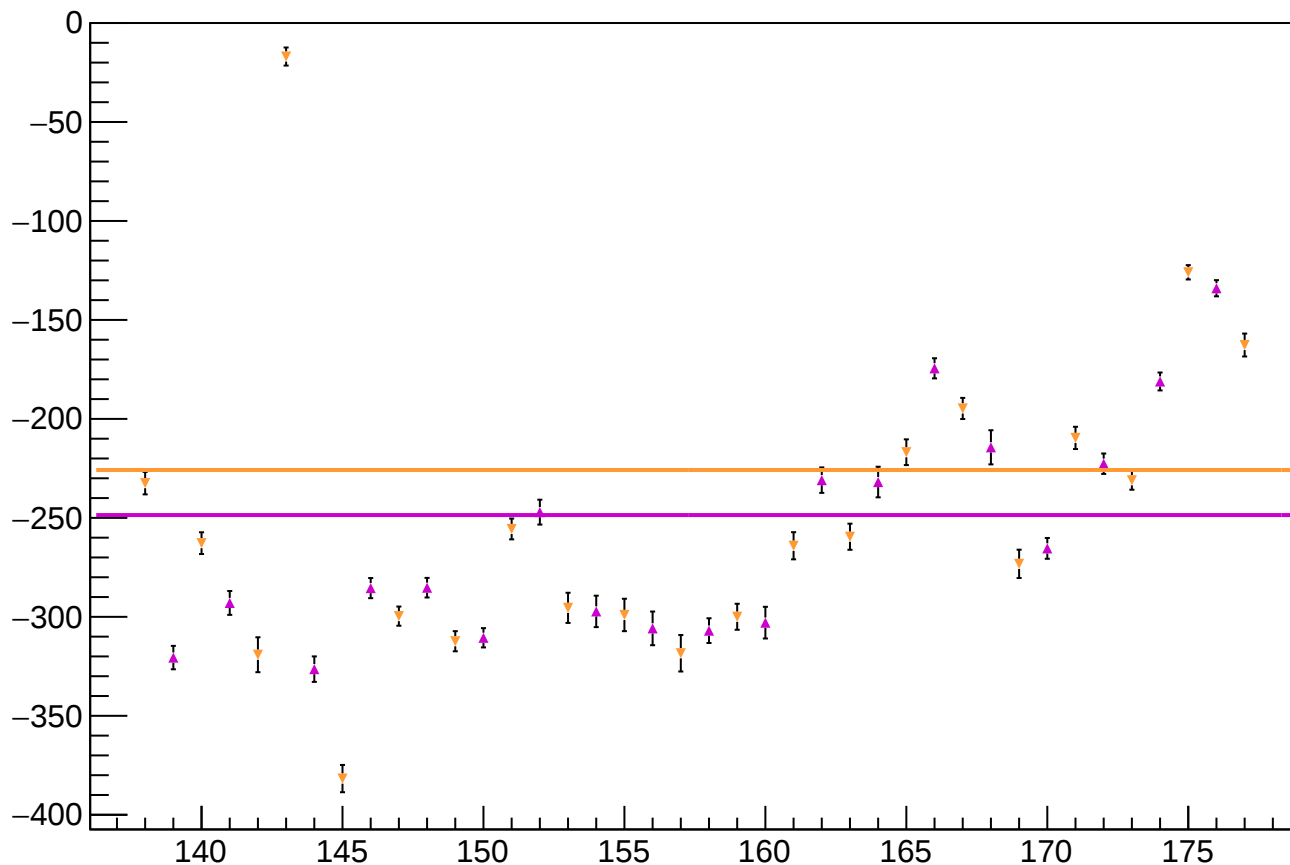
Right: -232.123 ± 0.110 $\chi^2/\text{NDF}: 272653.1/35$

In: -256.827 ± 0.078 $\chi^2/\text{NDF}: 206740.1/35$

Out: -255.444 ± 0.076 $\chi^2/\text{NDF}: 188718.9/39$

All: -256.120 ± 0.054 $\chi^2/\text{NDF}: 395621.2/75$

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: -248.578+/-1.321 χ^2/NDF :2119.3/18

Left: -236.615+/-0.910 χ^2/NDF : 7013.6/39

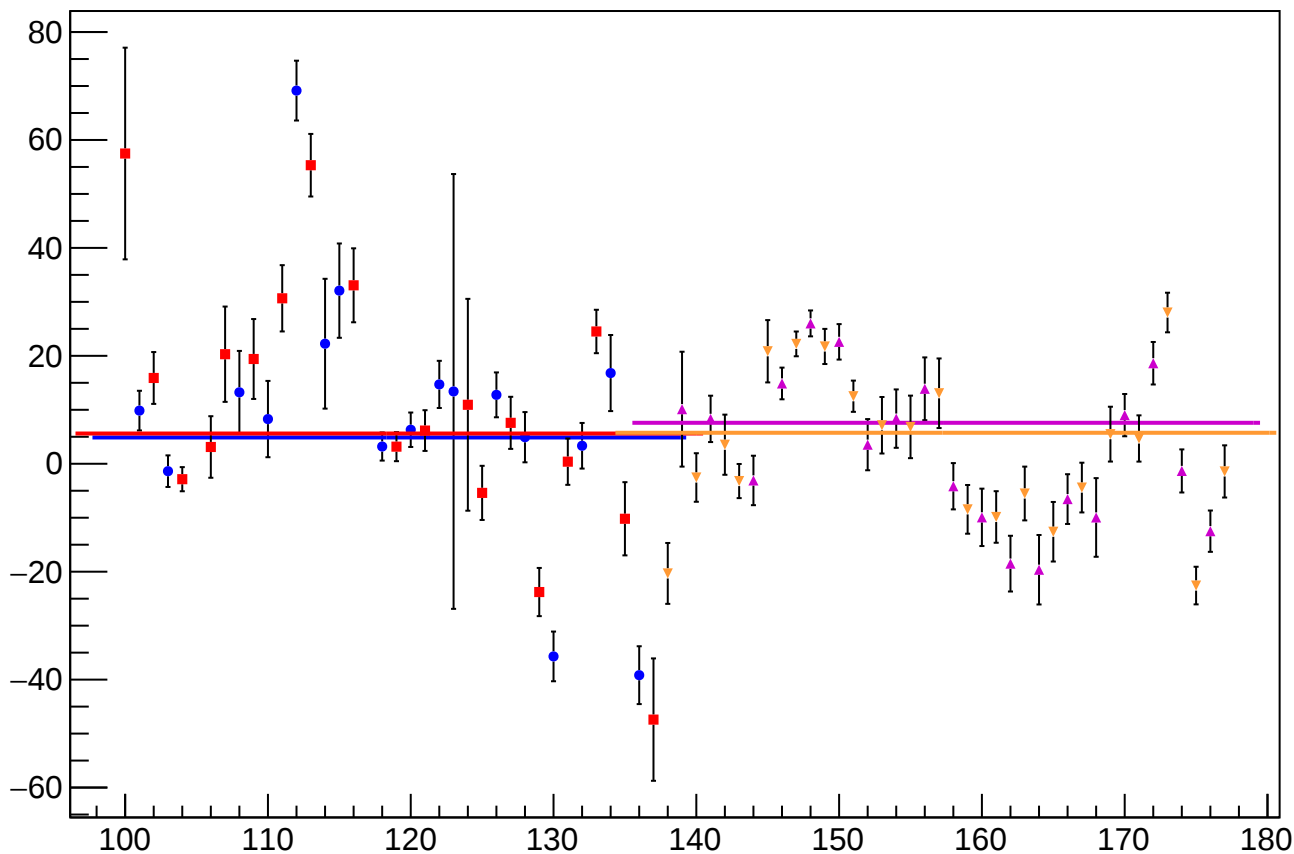
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -248.578+/-1.321 χ^2/NDF :2119.3/18

Out: -225.807+/-1.255 χ^2/NDF :4738.1/20

All: -236.615+/-0.910 χ^2/NDF : 7013.6/39

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: 7.591 ± 0.963 χ^2/NDF : 210.8/18

Left: 6.601 ± 0.656 χ^2/NDF : 481.7/39

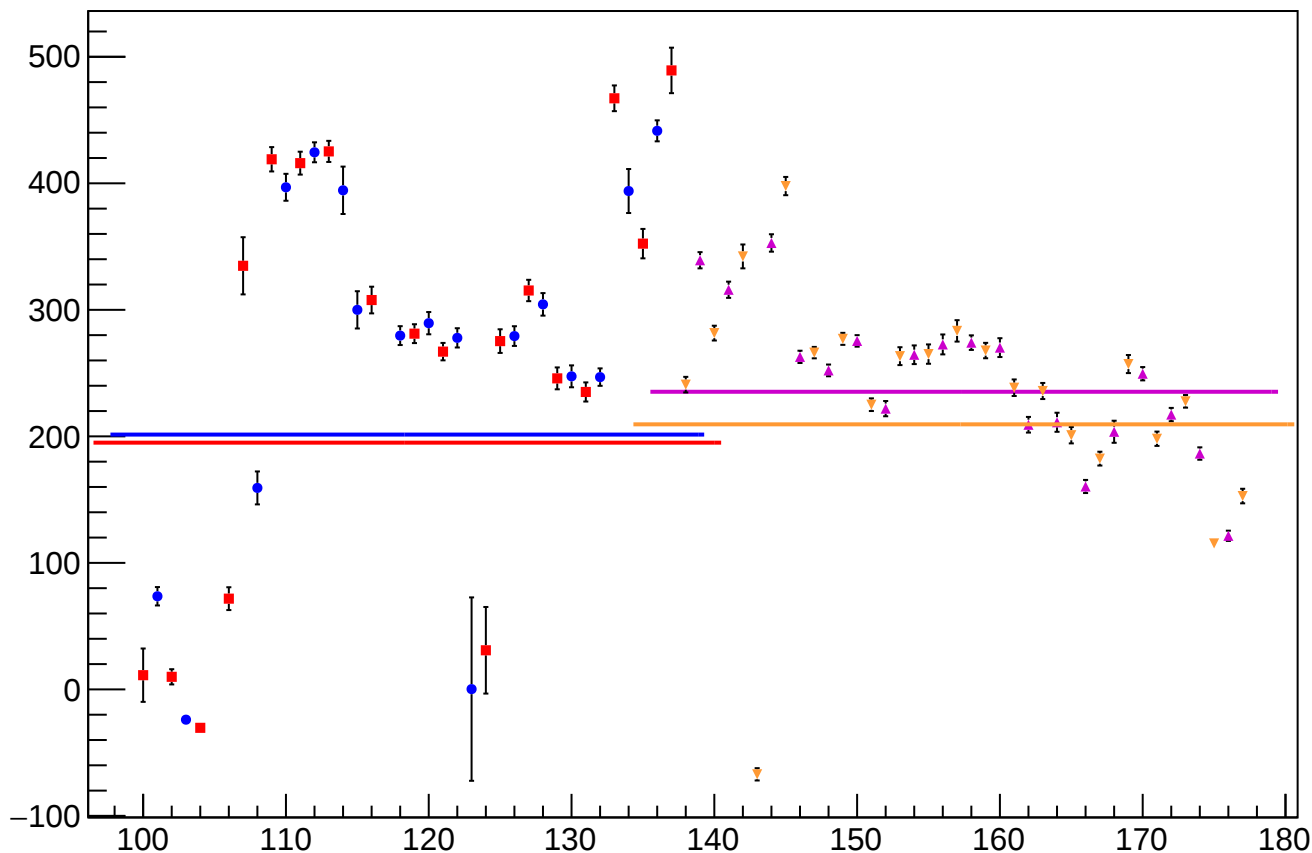
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 6.399 ± 0.722 χ^2/NDF : 525.9/35

Out: 5.685 ± 0.687 χ^2/NDF : 507.5/39

All: 6.025 ± 0.498 χ^2/NDF : 1033.9/75

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: 235.242 $\pm$ 1.307 χ^2 /NDF: 2107.0/18

Left: 221.775 $\pm$ 0.902 χ^2 /NDF: 8142.5/39

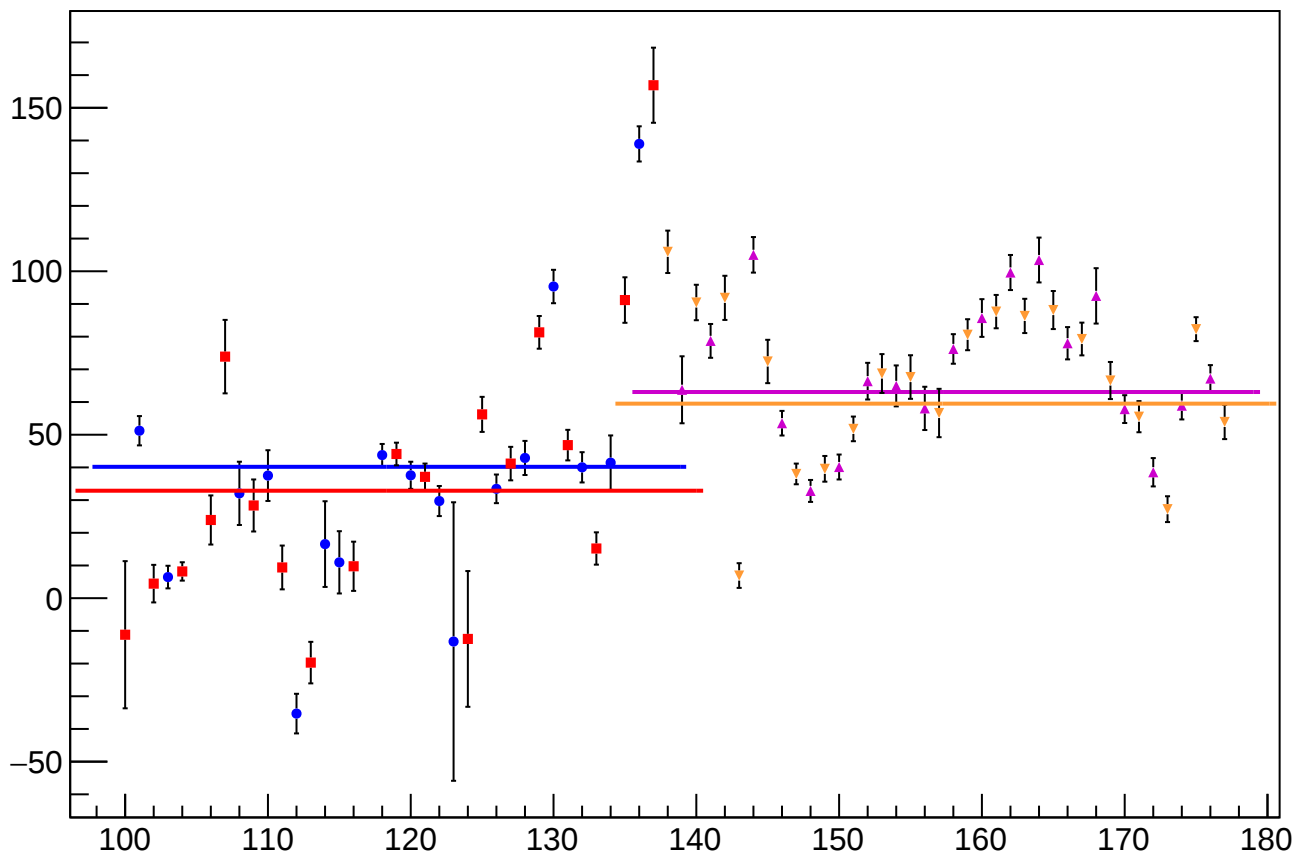
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 224.931 $\pm$ 1.090 χ^2 /NDF: 9051.7/35

Out: 205.213 $\pm$ 1.047 χ^2 /NDF: 14127.1/39

All: 214.675 $\pm$ 0.755 χ^2 /NDF: 23349.1/75

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: 63.067+/-1.116 χ^2/NDF : 355.1/18

Left: 61.169+/-0.763 χ^2/NDF : 970.1/39

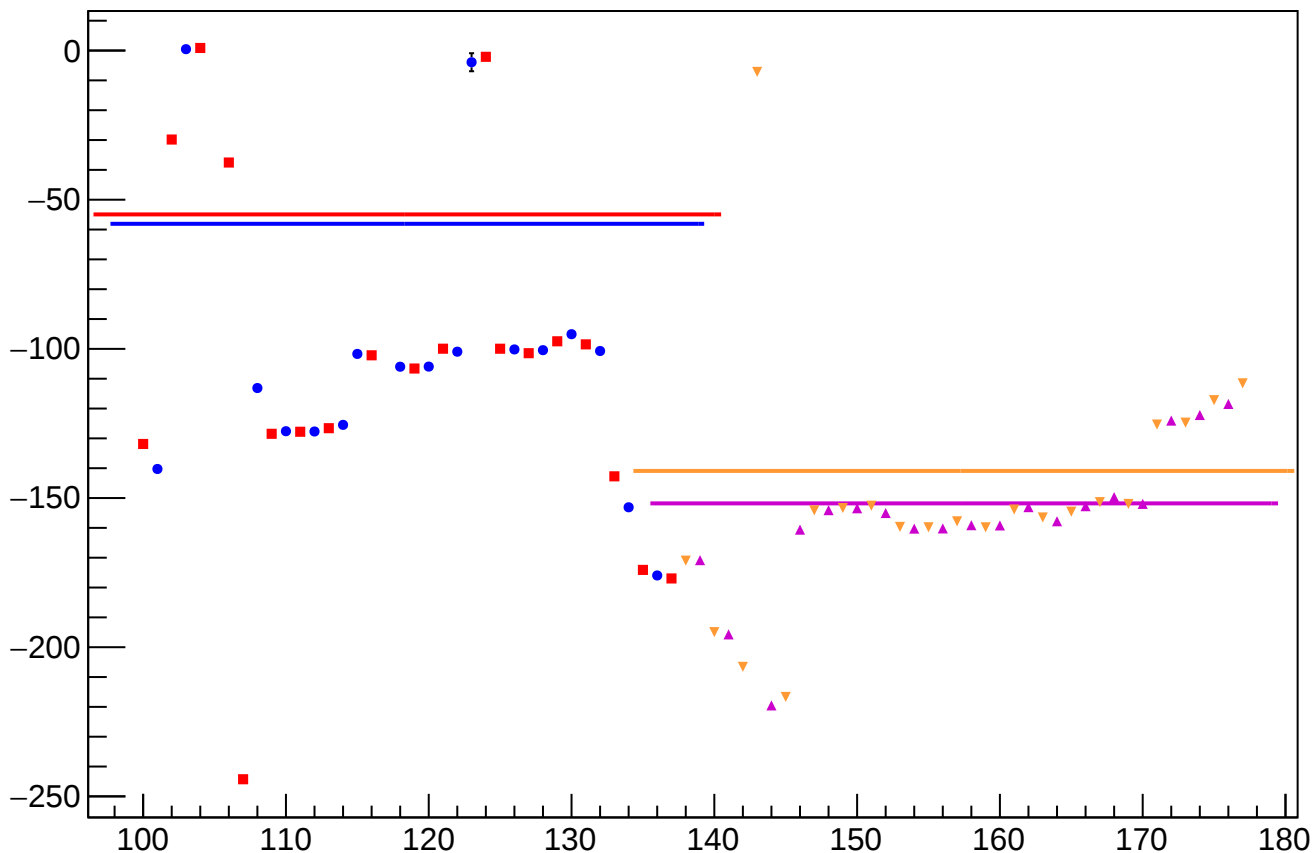
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 53.093+/-0.838 χ^2/NDF : 1272.3/35

Out: 48.556+/-0.802 χ^2/NDF : 1427.5/39

All: 50.724+/-0.580 χ^2/NDF : 2715.2/75

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -140.913+/-0.050 χ^2/NDF : 723601.6/20

Right Out: -54.929+/-0.060 χ^2/NDF : 1003908.6/18

Left In: -151.791+/-0.052 χ^2/NDF : 174688.8/18

Left: -146.180+/-0.036 χ^2/NDF : 920970.8/39

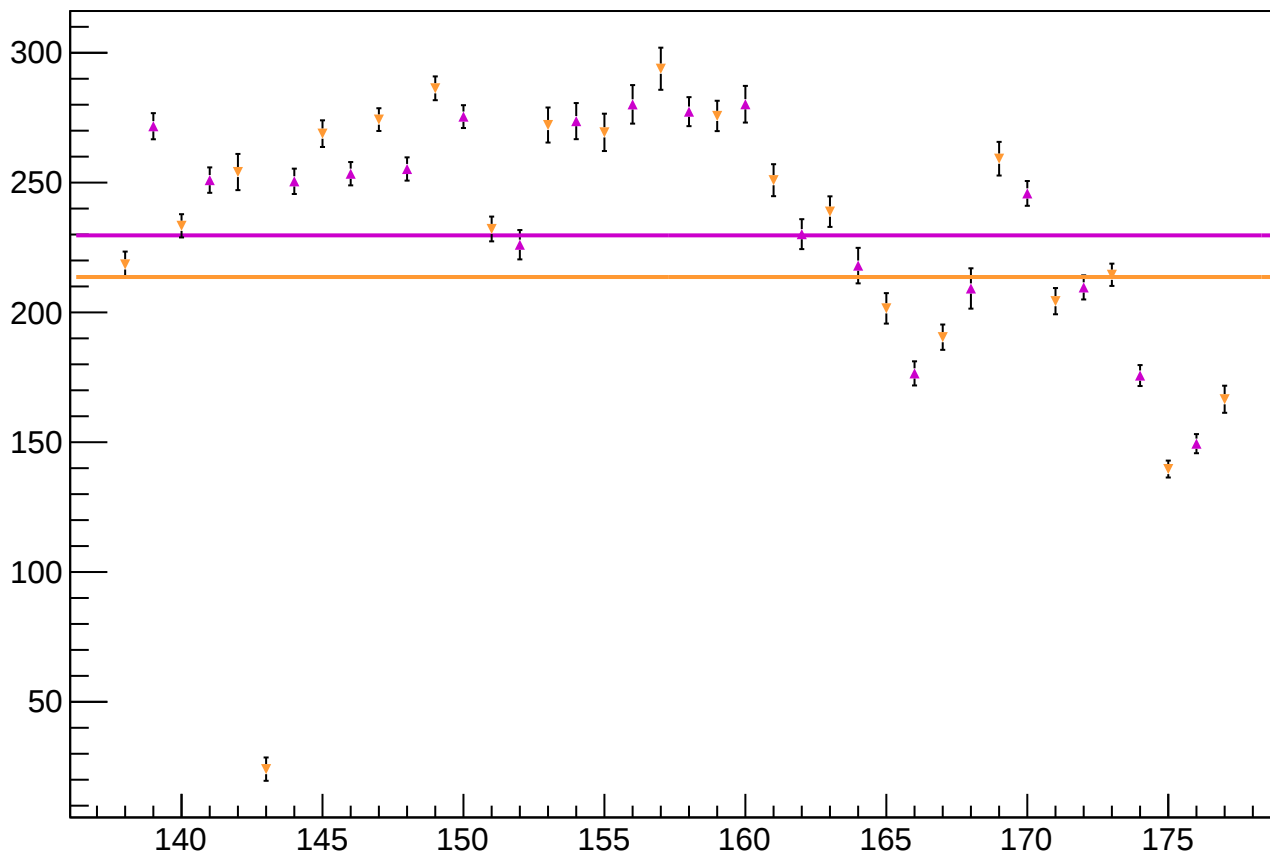
Right: -56.466+/-0.043 χ^2/NDF : 2109681.6/35

In: -112.919+/-0.040 χ^2/NDF : 2632660.2/35

Out: -105.597+/-0.039 χ^2/NDF : 2929584.5/39

All: -109.155+/-0.028 χ^2/NDF : 5579744.4/75

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: 229.674+/-1.166 χ^2/NDF :1310.1/18

Left: 221.306+/-0.806 χ^2/NDF : 4894.9/39

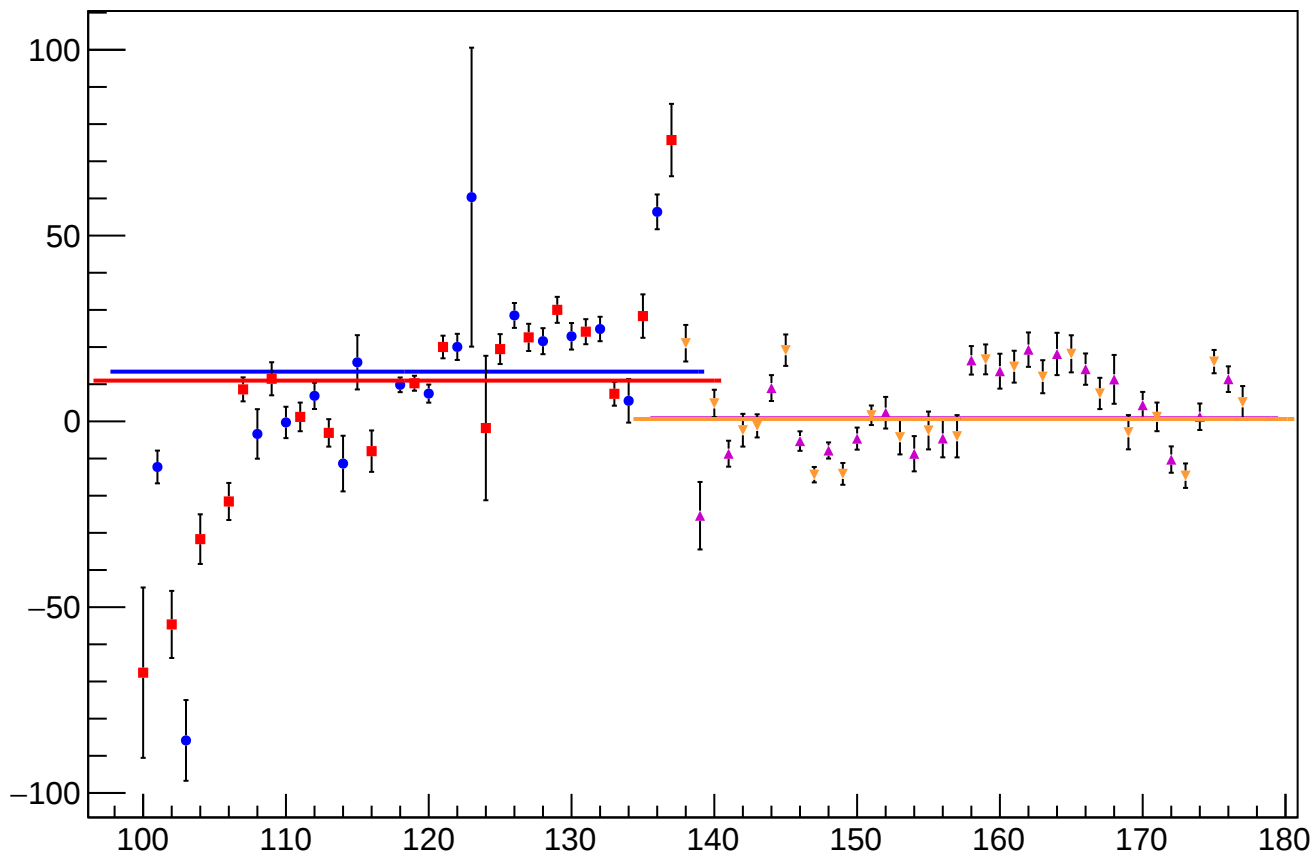
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.674+/-1.166 χ^2/NDF :1310.1/18

Out: 213.634+/-1.116 χ^2/NDF :3486.0/20

All: 221.306+/-0.806 χ^2/NDF : 4894.9/39

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385+/-0.921 χ^2 /NDF: 294.1/16

Left Out: 0.644+/-0.801 χ^2 /NDF:213.8/20

Right Out: 10.975+/-0.915 χ^2 /NDF: 304.0/18

Left In: 0.833+/-0.852 χ^2 /NDF:132.8/18

Left: 0.733+/-0.584 χ^2 /NDF: 346.7/39

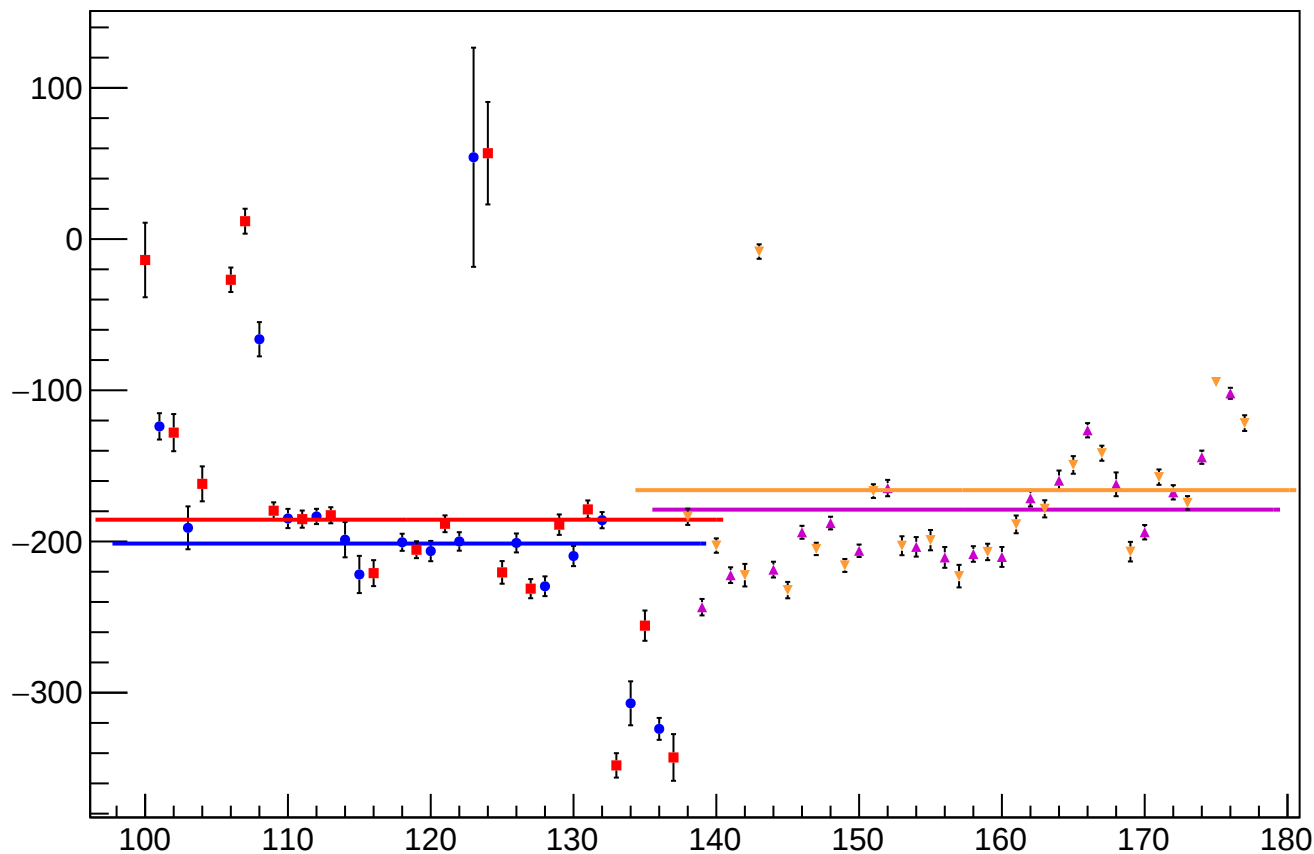
Right: 12.172+/-0.649 χ^2 /NDF: 601.5/35

In: 6.621+/-0.626 χ^2 /NDF:527.0/35

Out: 5.128+/-0.603 χ^2 /NDF:590.1/39

All: 5.847+/-0.434 χ^2 /NDF: 1120.0/75

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -166.042 ± 1.111 χ^2/NDF : 2412.0/20

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -178.935 ± 1.156 χ^2/NDF : 1086.1/18

Left: -172.233 ± 0.801 χ^2/NDF : 3562.8/39

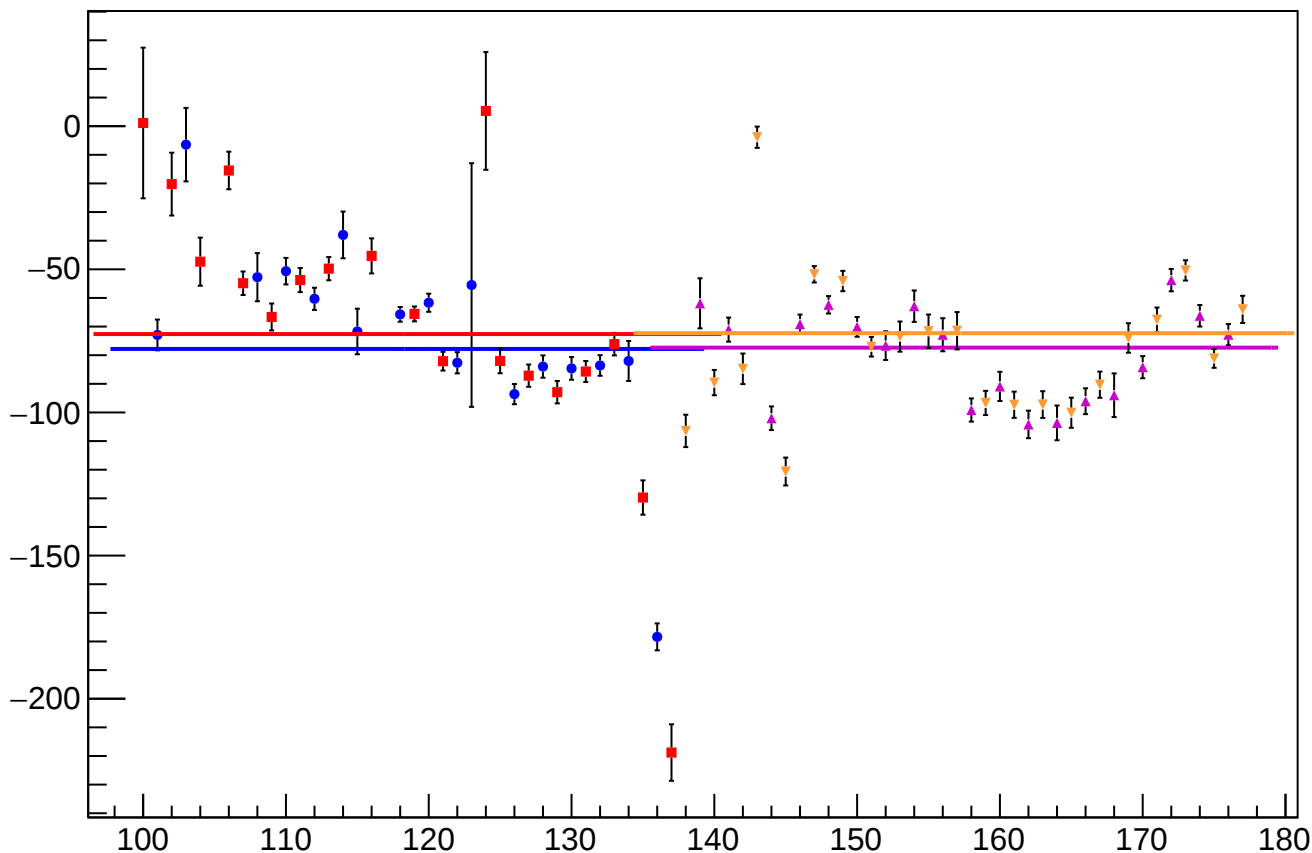
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -185.570 ± 0.970 χ^2/NDF : 1822.5/35

Out: -171.895 ± 0.930 χ^2/NDF : 4253.0/39

All: -178.444 ± 0.671 χ^2/NDF : 6179.0/75

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: -77.361 ± 0.988 χ^2/NDF : 241.1/18

Left: -74.691 ± 0.678 χ^2/NDF : 1014.3/39

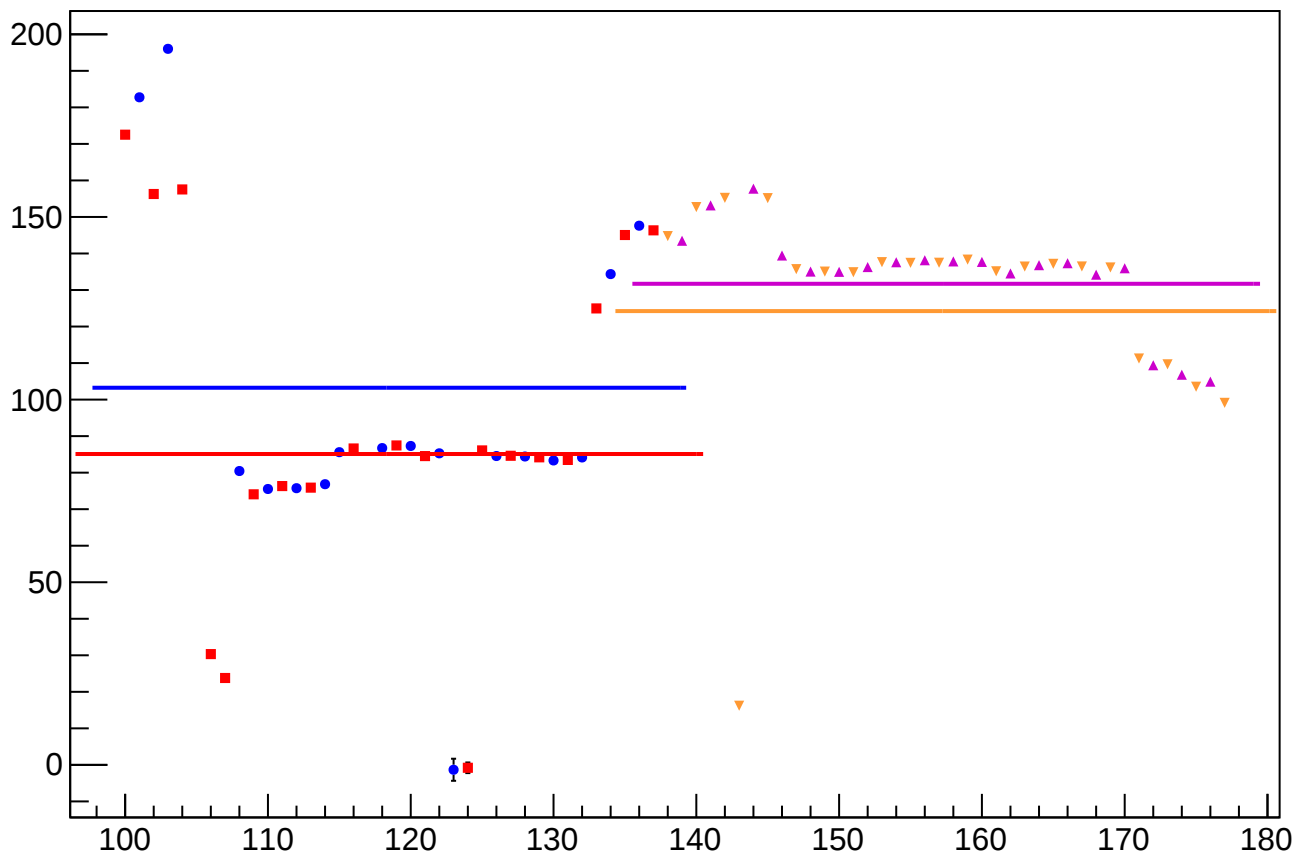
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.572 ± 0.725 χ^2/NDF : 897.5/35

Out: -72.445 ± 0.698 χ^2/NDF : 1366.3/39

All: -74.911 ± 0.503 χ^2/NDF : 2289.7/75

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: 131.706 $\pm$ 0.046 χ^2 /NDF: 102979.5/18

Left: 127.872 $\pm$ 0.032 χ^2 /NDF: 576761.5/39

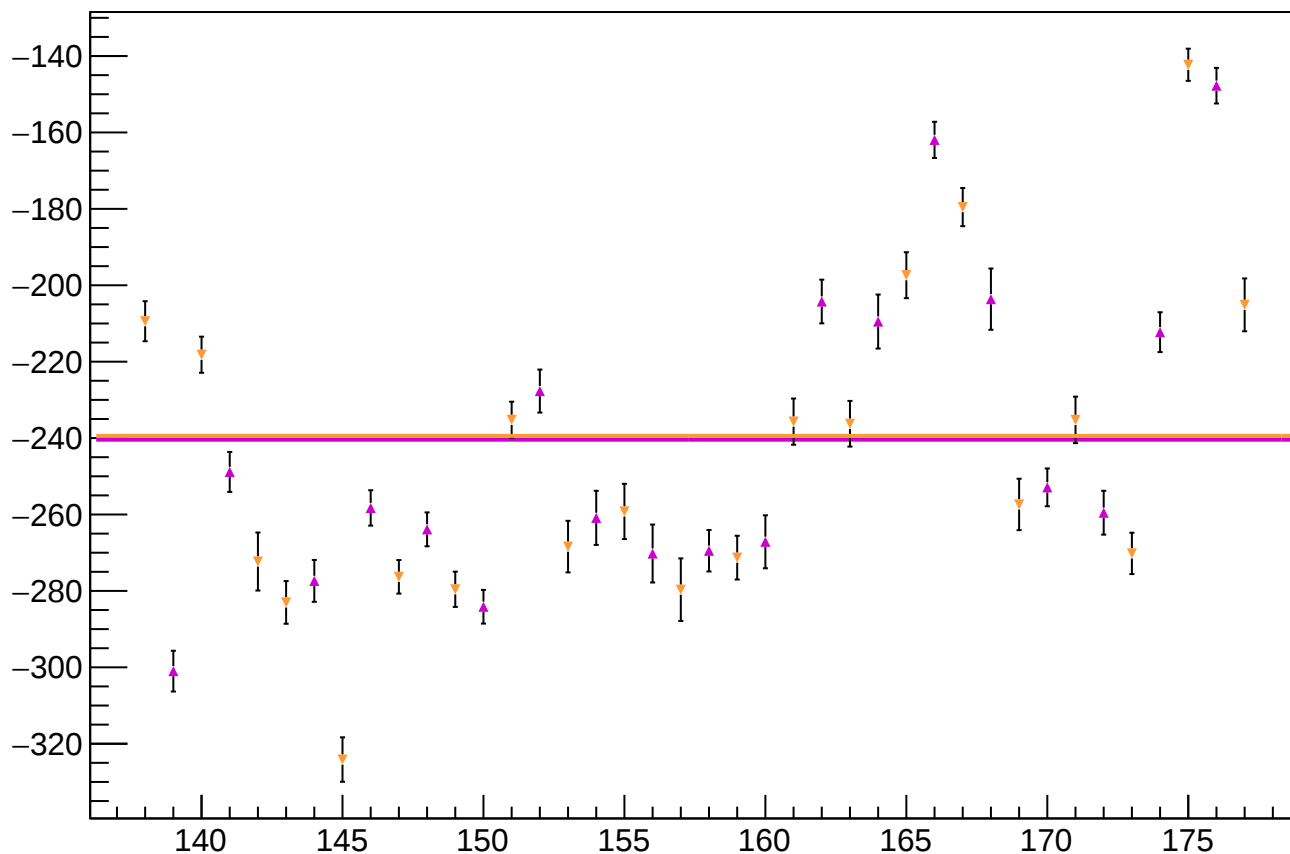
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 123.231 $\pm$ 0.038 χ^2 /NDF: 490928.6/35

Out: 111.314 $\pm$ 0.037 χ^2 /NDF: 1136340.0/39

All: 116.980 $\pm$ 0.027 χ^2 /NDF: 1677663.0/75

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: -240.414+/-1.248 χ^2/NDF :1187.9/18

Left: -239.910+/-0.872 χ^2/NDF : 2550.1/39

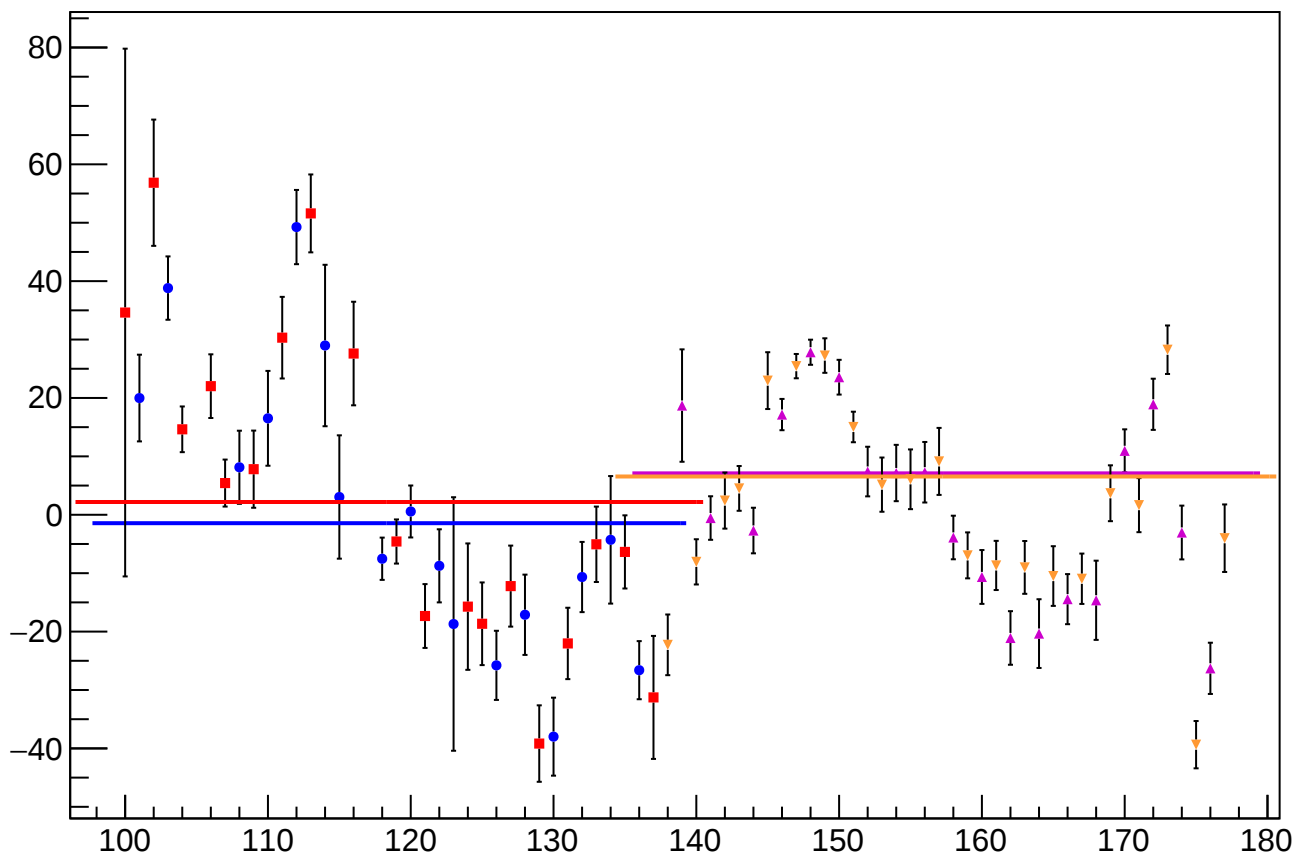
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -240.414+/-1.248 χ^2/NDF :1187.9/18

Out: -239.430+/-1.219 χ^2/NDF :1362.0/20

All: -239.910+/-0.872 χ^2/NDF : 2550.1/39

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 6.555 ± 0.856 $\chi^2/\text{NDF}: 424.8/20$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 7.089 ± 0.895 $\chi^2/\text{NDF}: 339.4/18$

Left: 6.810 ± 0.618 $\chi^2/\text{NDF}: 764.3/39$

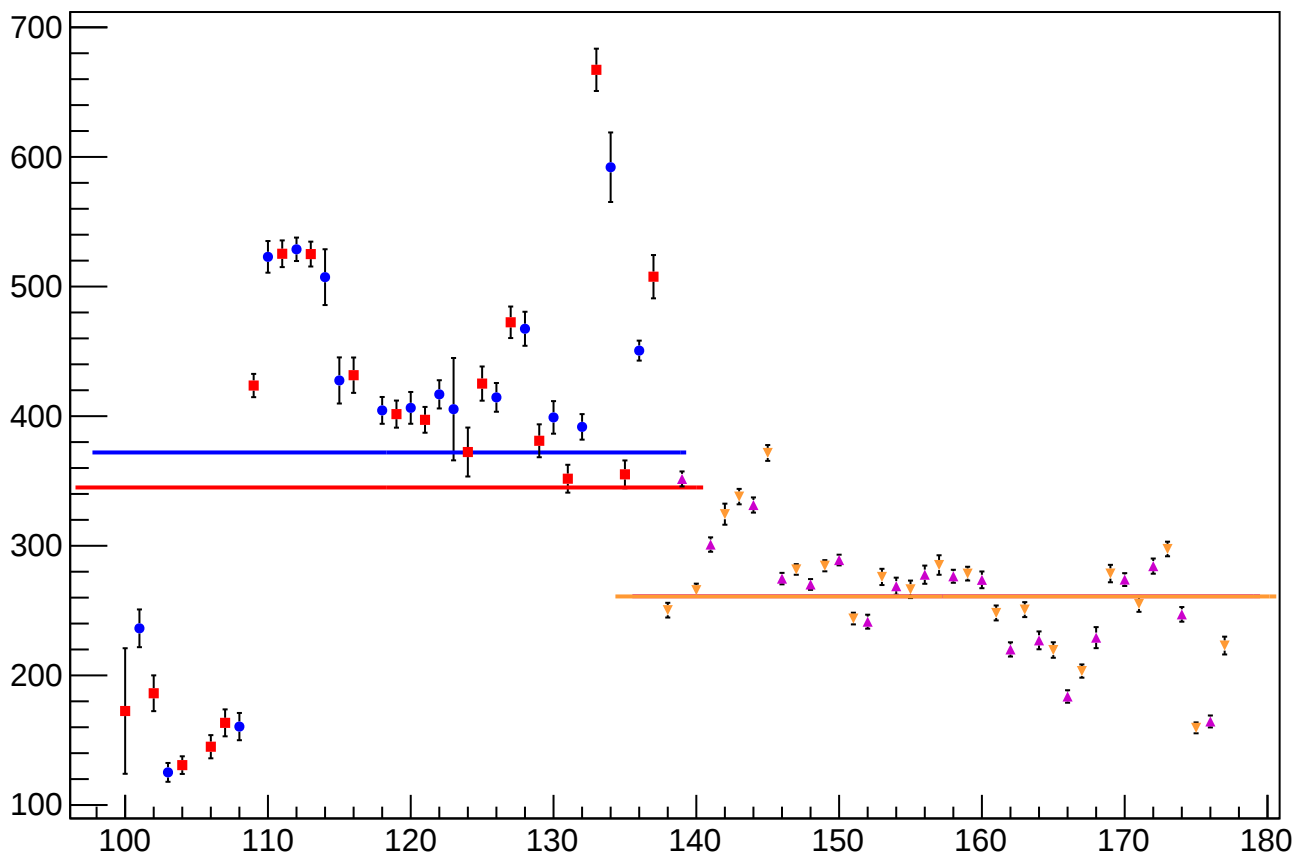
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 4.886 ± 0.770 $\chi^2/\text{NDF}: 587.3/35$

Out: 5.368 ± 0.730 $\chi^2/\text{NDF}: 662.5/39$

All: 5.140 ± 0.530 $\chi^2/\text{NDF}: 1250.0/75$

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: 261.087 $\pm$ 1.230 χ^2 /NDF:1355.3/18

Left: 260.997 $\pm$ 0.861 χ^2 /NDF: 2858.7/39

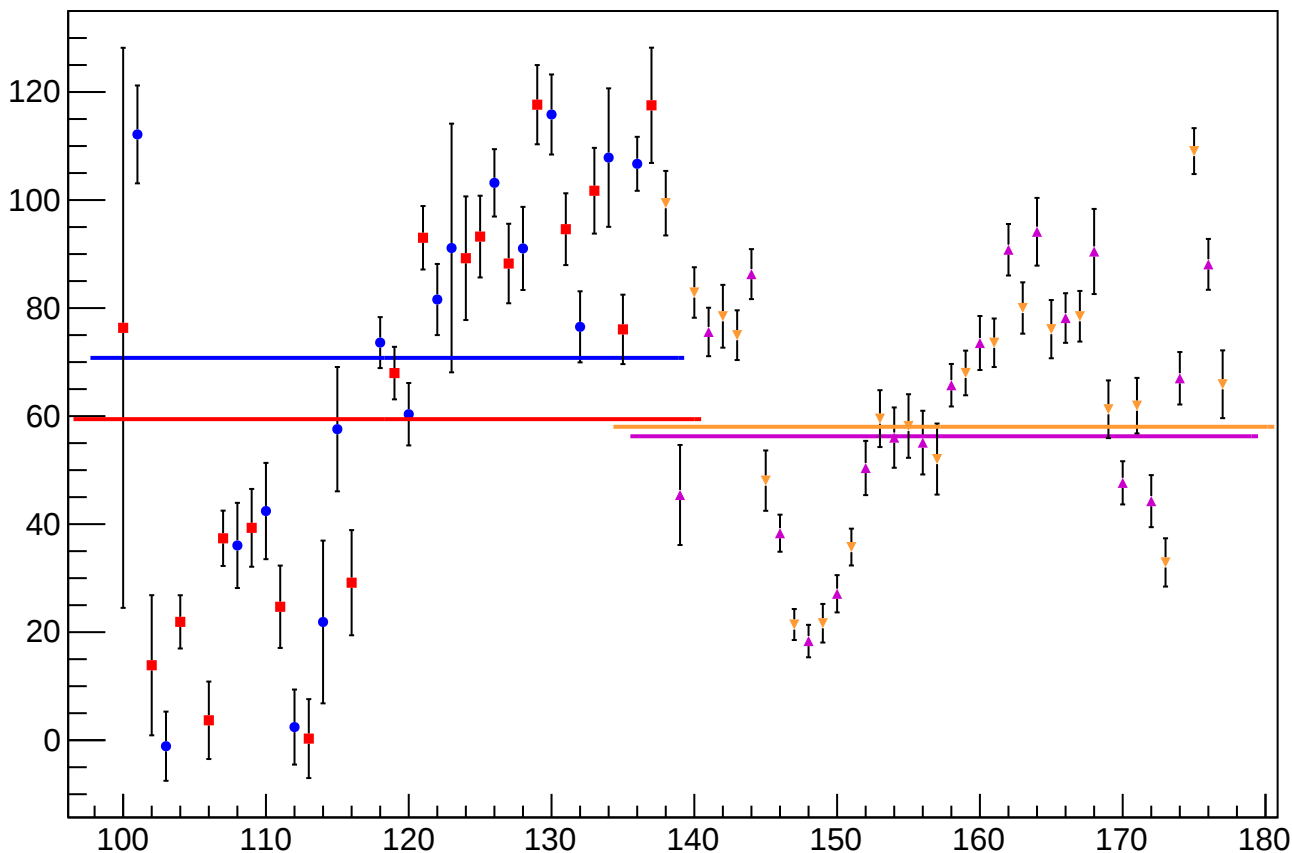
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 279.403 $\pm$ 1.124 χ^2 /NDF:5130.1/35

Out: 276.172 $\pm$ 1.091 χ^2 /NDF:5800.0/39

All: 277.740 $\pm$ 0.783 χ^2 /NDF: 10934.4/75

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: 56.268 $\pm$ 1.043 χ^2 /NDF:530.7/18

Left: 57.180 $\pm$ 0.723 χ^2 /NDF: 1195.3/39

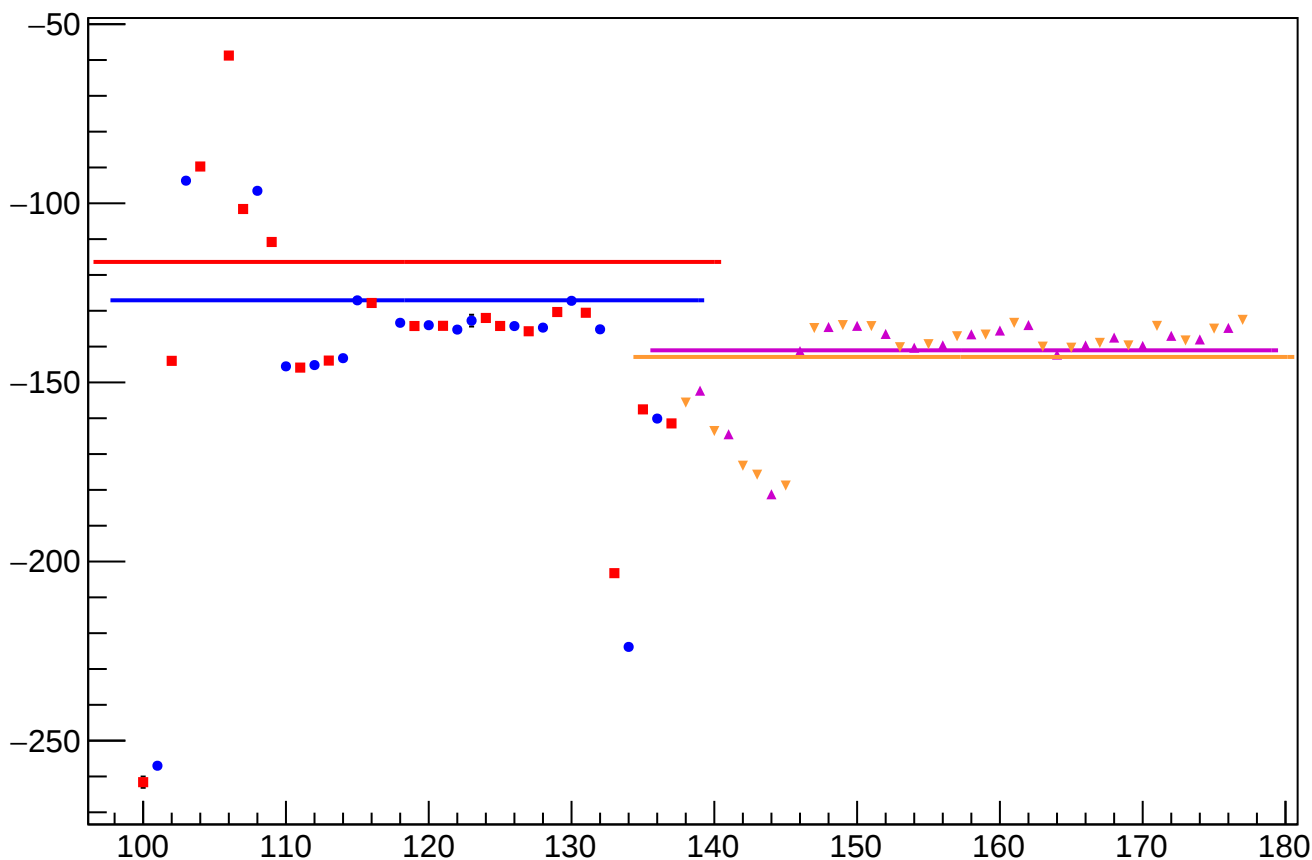
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 60.085 $\pm$ 0.896 χ^2 /NDF:1005.5/35

Out: 58.413 $\pm$ 0.855 χ^2 /NDF:1150.3/39

All: 59.210 $\pm$ 0.618 χ^2 /NDF: 2157.7/75

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -142.892 ± 0.048 $\chi^2/\text{NDF}: 77234.5/20$

Right Out: -116.365 ± 0.083 $\chi^2/\text{NDF}: 167555.3/18$

Left In: -141.039 ± 0.049 $\chi^2/\text{NDF}: 45733.9/18$

Left: -141.973 ± 0.034 $\chi^2/\text{NDF}: 123693.9/39$

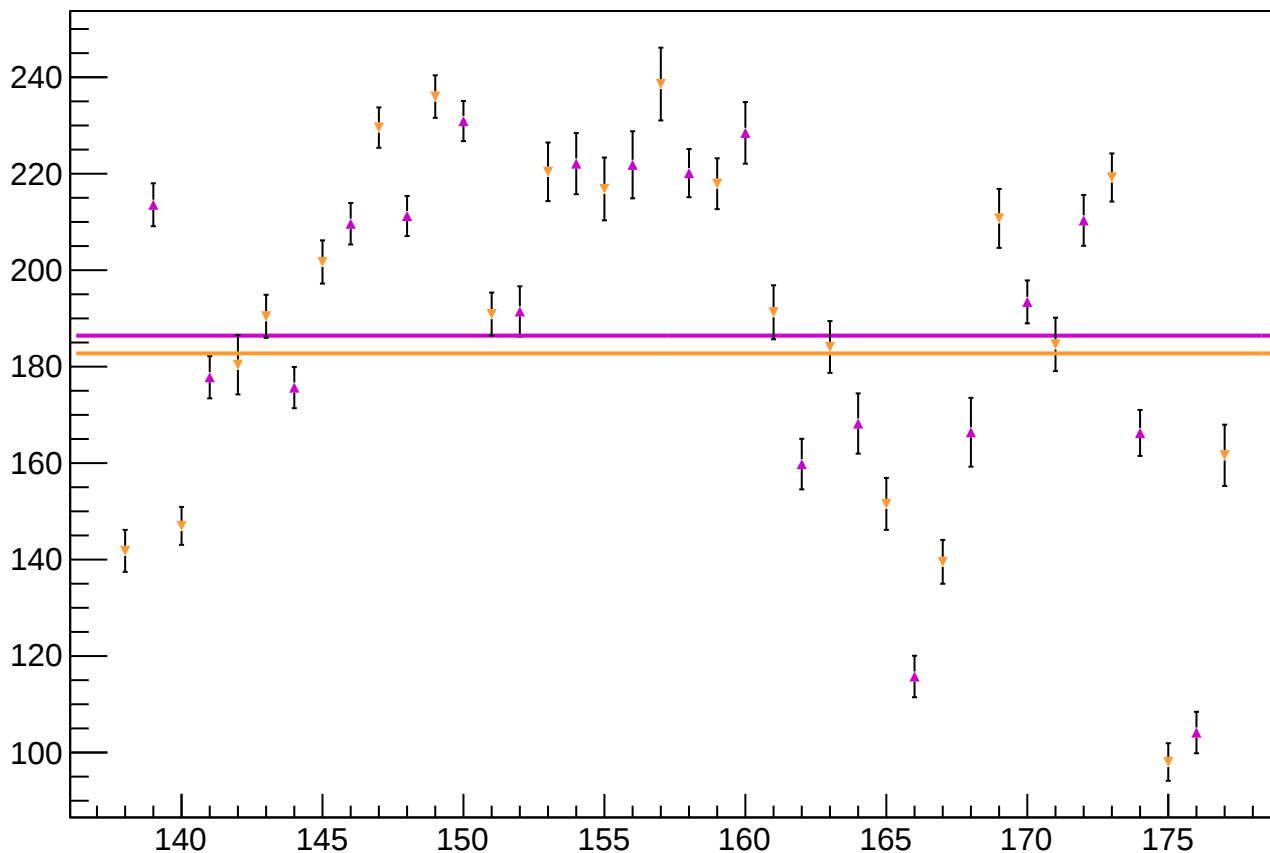
Right: -121.310 ± 0.061 $\chi^2/\text{NDF}: 342291.2/35$

In: -137.837 ± 0.043 $\chi^2/\text{NDF}: 231508.5/35$

Out: -136.135 ± 0.042 $\chi^2/\text{NDF}: 321100.9/39$

All: -136.965 ± 0.030 $\chi^2/\text{NDF}: 553416.1/75$

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: 186.433+/-1.122 χ^2/NDF :1093.8/18

Left: 184.529+/-0.781 χ^2/NDF : 2415.6/39

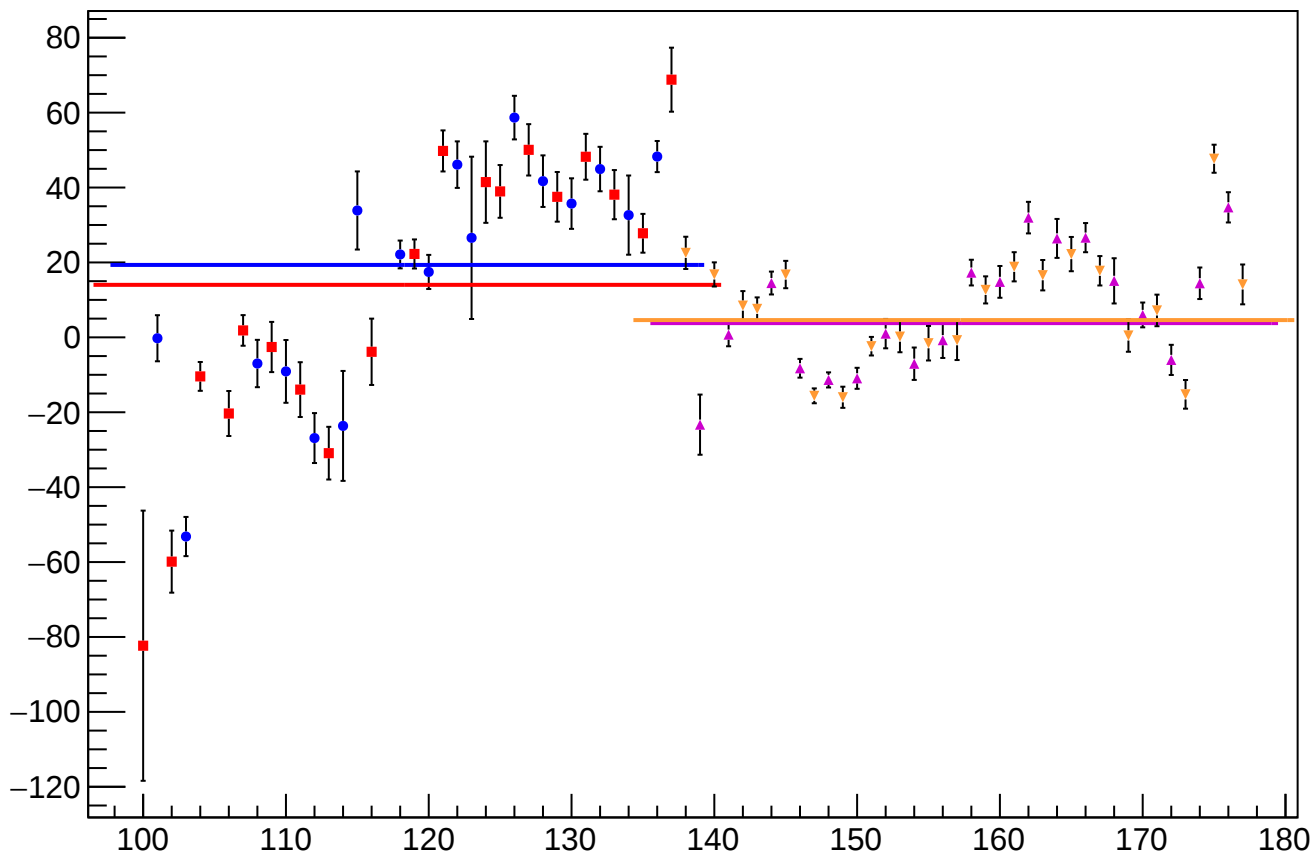
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 186.433+/-1.122 χ^2/NDF :1093.8/18

Out: 182.742+/-1.087 χ^2/NDF :1316.2/20

All: 184.529+/-0.781 χ^2/NDF : 2415.6/39

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: 4.607 ± 0.771 χ^2/NDF : 430.3/20

Right Out: 14.018 ± 1.390 χ^2/NDF : 433.2/18

Left In: 3.801 ± 0.812 χ^2/NDF : 334.6/18

Left: 4.225 ± 0.559 χ^2/NDF : 765.4/39

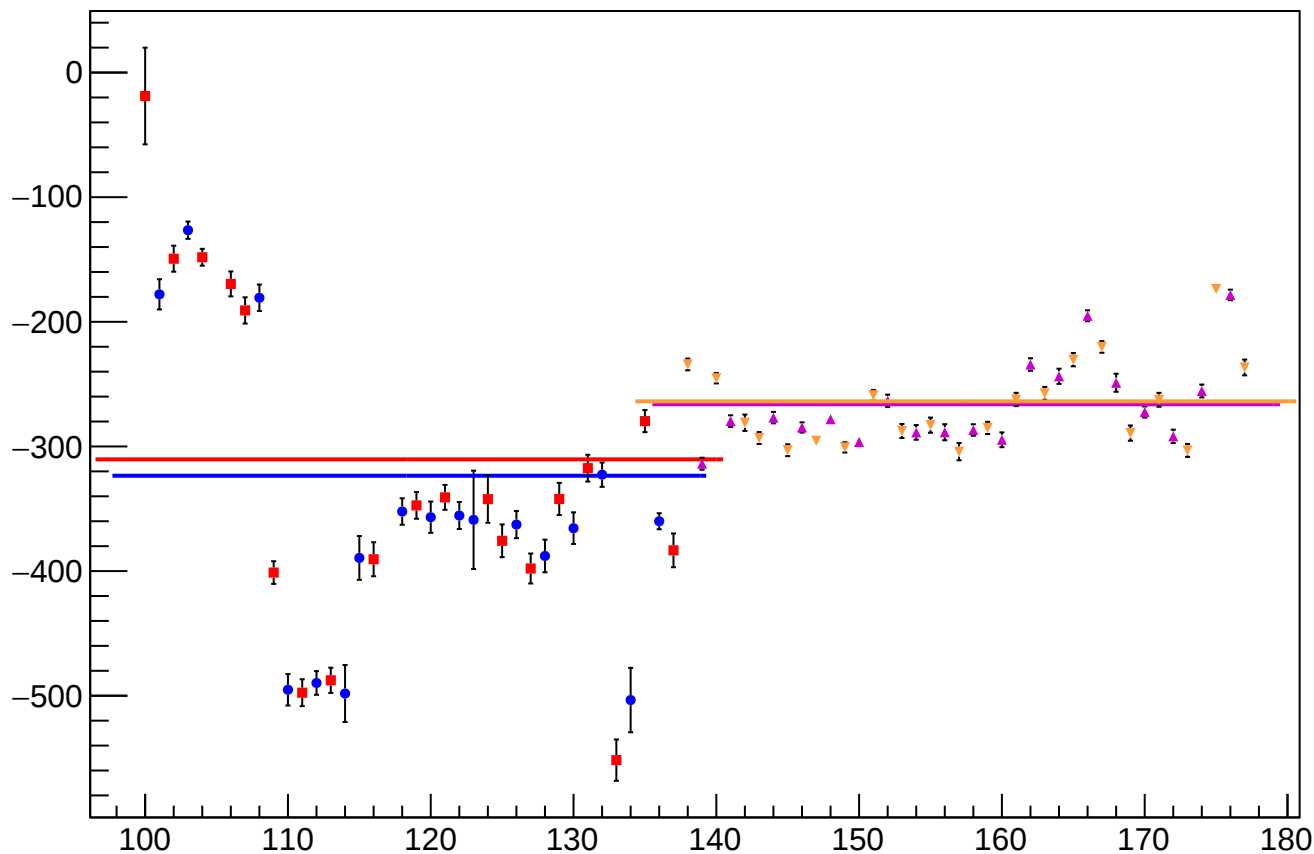
Right: 16.507 ± 1.014 χ^2/NDF : 879.9/35

In: 7.384 ± 0.712 χ^2/NDF : 859.0/35

Out: 6.823 ± 0.675 χ^2/NDF : 898.6/39

All: 7.089 ± 0.490 χ^2/NDF : 1757.8/75

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -263.806 ± 1.082 χ^2/NDF : 1158.5/20

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -266.161 ± 1.110 χ^2/NDF : 1049.1/18

Left: -264.953 ± 0.775 χ^2/NDF : 2210.0/39

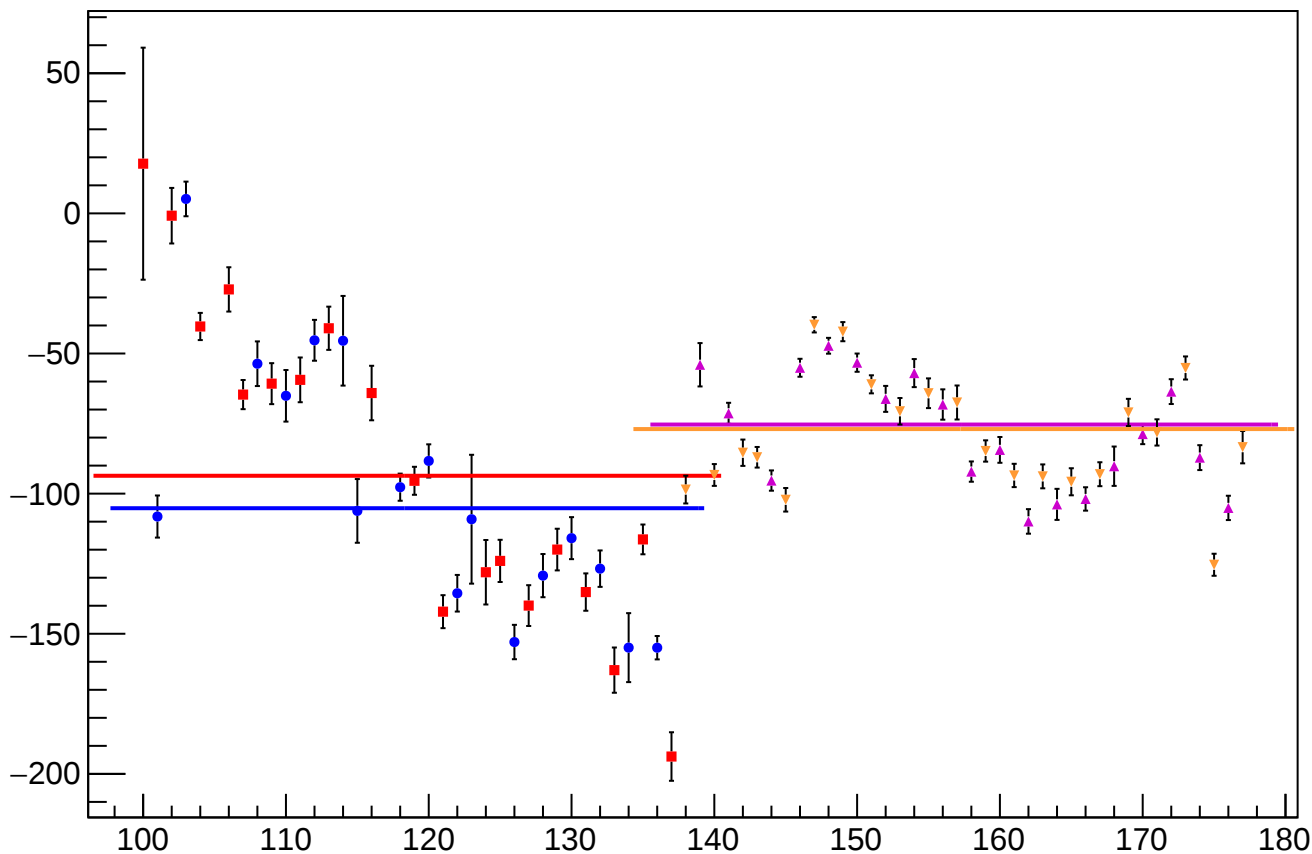
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -274.592 ± 1.025 χ^2/NDF : 3289.1/35

Out: -271.035 ± 0.994 χ^2/NDF : 3746.7/39

All: -272.759 ± 0.714 χ^2/NDF : 7042.0/75

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: -75.348 ± 0.945 χ^2/NDF : 464.8/18

Left: -76.191 ± 0.653 χ^2/NDF : 1120.4/39

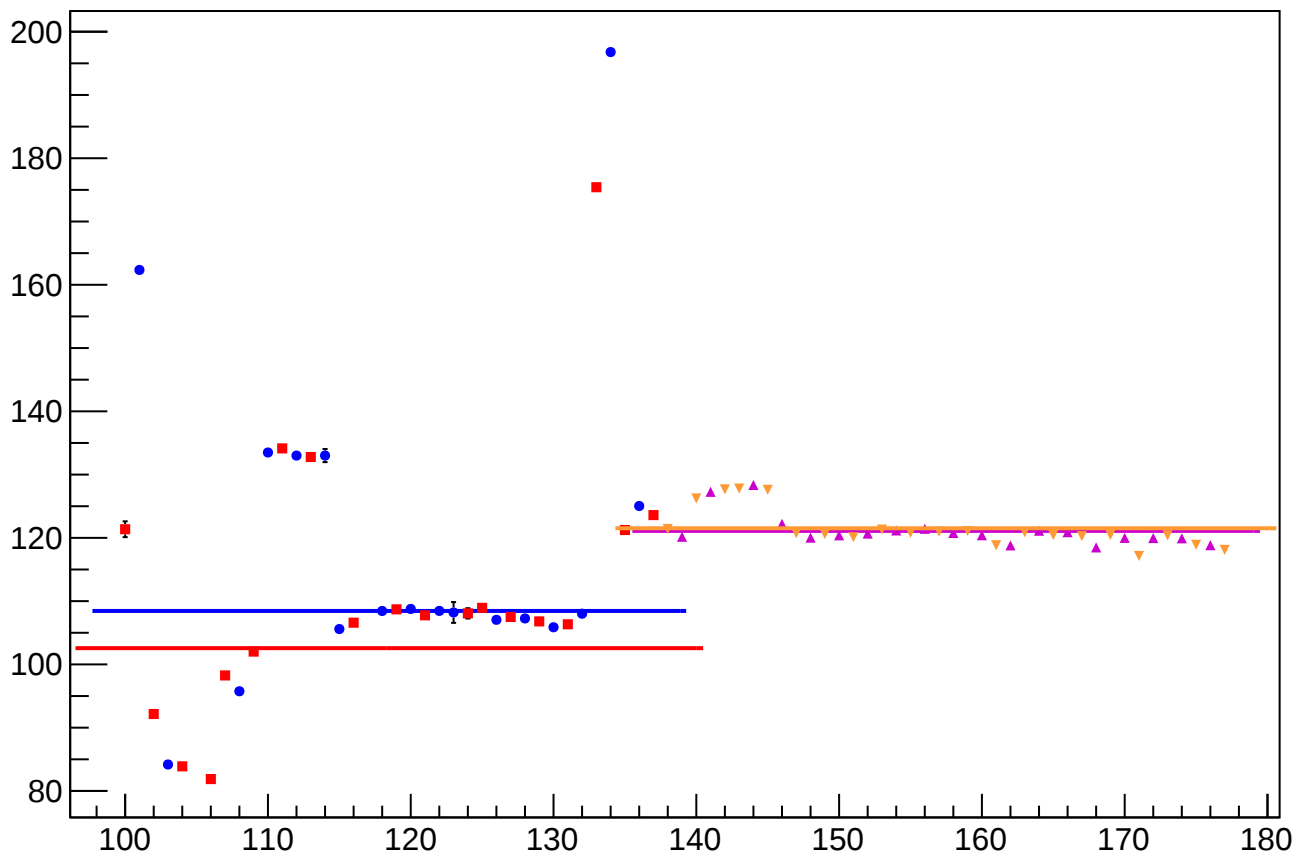
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -82.415 ± 0.825 χ^2/NDF : 1436.7/35

Out: -80.948 ± 0.787 χ^2/NDF : 1558.3/39

All: -81.647 ± 0.570 χ^2/NDF : 2996.7/75

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 121.517 $\pm$ 0.043 χ^2 /NDF: 4652.8/20

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 121.104 $\pm$ 0.044 χ^2 /NDF: 3024.2/18

Left: 121.314 $\pm$ 0.031 χ^2 /NDF: 7721.6/39

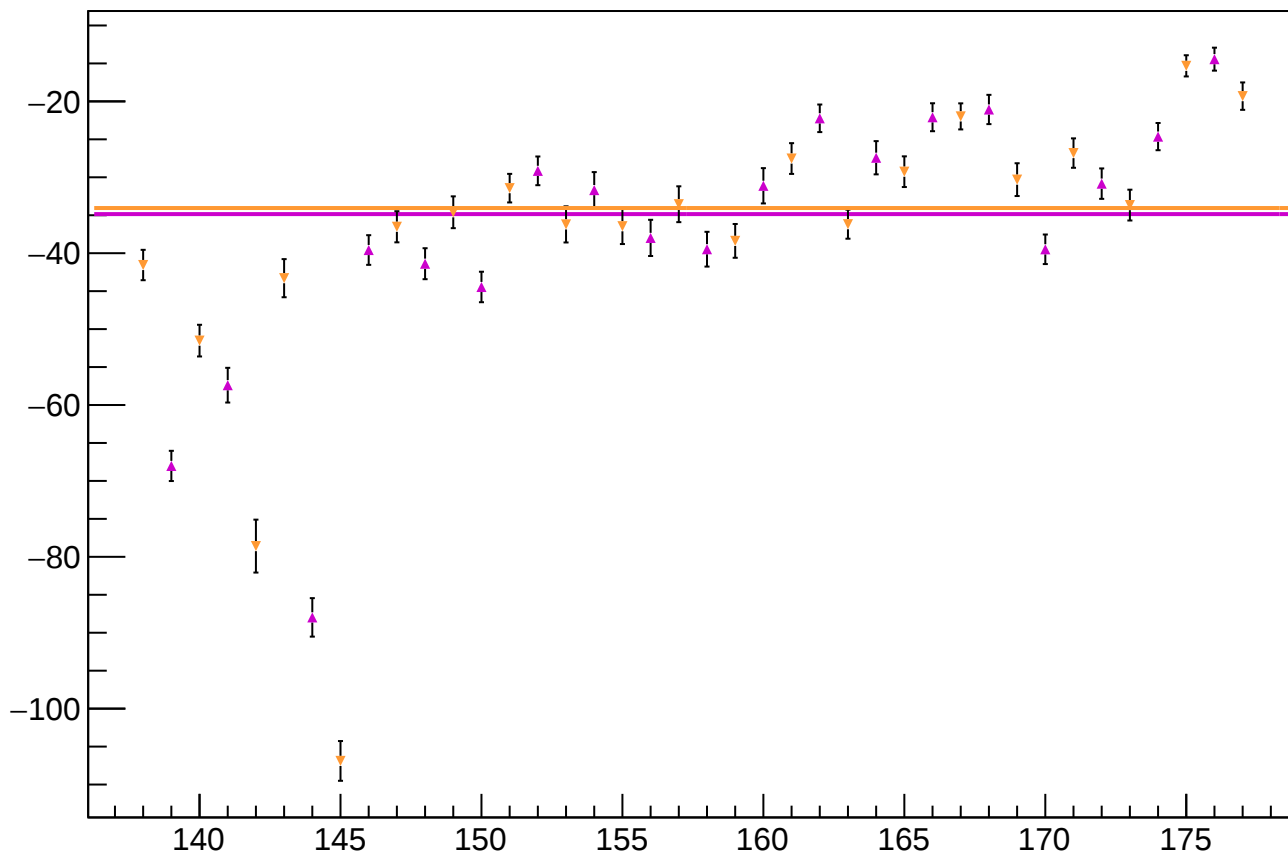
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.416 $\pm$ 0.039 χ^2 /NDF: 93835.6/35

Out: 117.163 $\pm$ 0.038 χ^2 /NDF: 101621.8/39

All: 117.773 $\pm$ 0.027 χ^2 /NDF: 195984.8/75

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: -34.850 $\pm$ 0.462 χ^2 /NDF:1255.4/18

Left: -34.437 $\pm$ 0.321 χ^2 /NDF: 2630.5/39

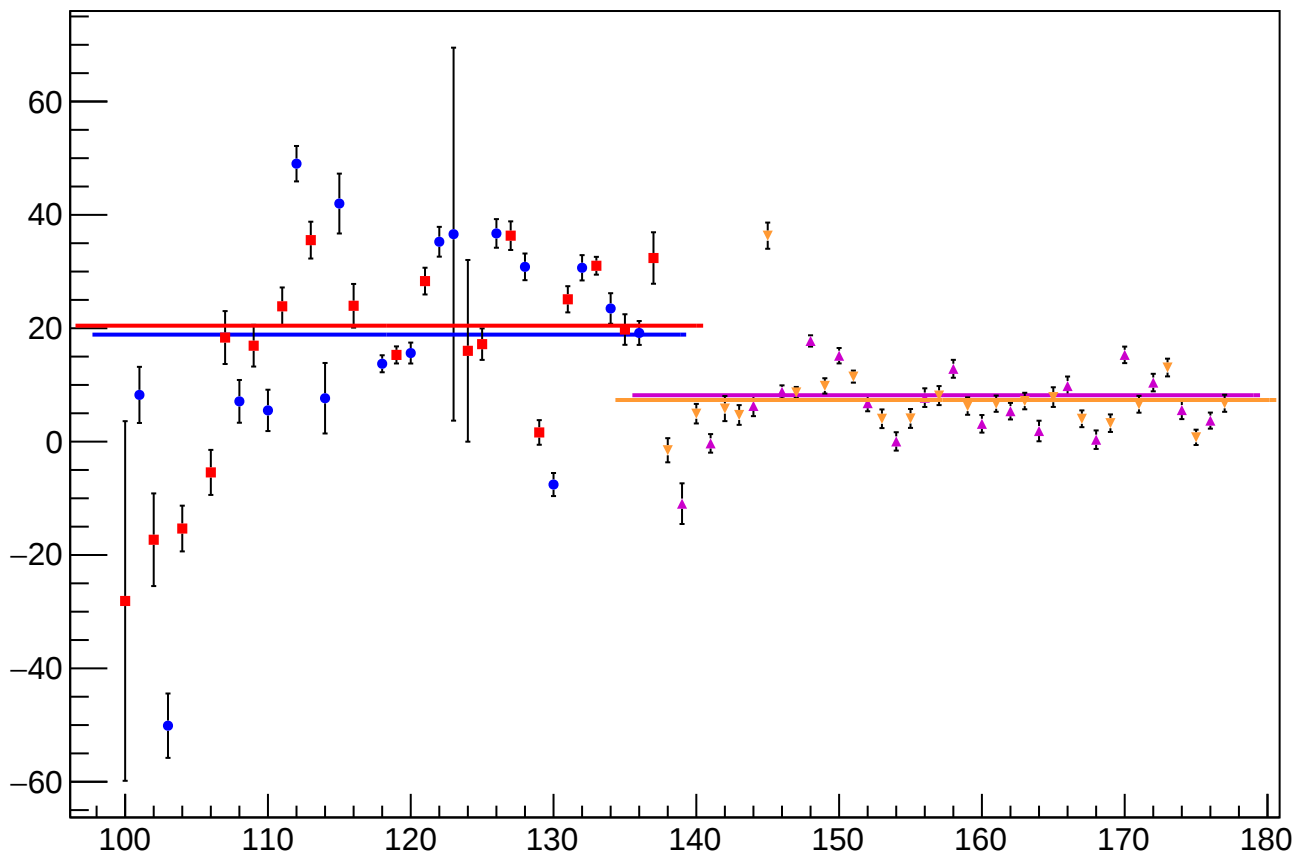
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -34.850 $\pm$ 0.462 χ^2 /NDF:1255.4/18

Out: -34.049 $\pm$ 0.447 χ^2 /NDF:1373.6/20

All: -34.437 $\pm$ 0.321 χ^2 /NDF: 2630.5/39

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 7.343 $\pm$ 0.328 χ^2 /NDF:258.1/20

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 8.185 $\pm$ 0.345 χ^2 /NDF:300.1/18

Left: 7.743 $\pm$ 0.238 χ^2 /NDF: 561.3/39

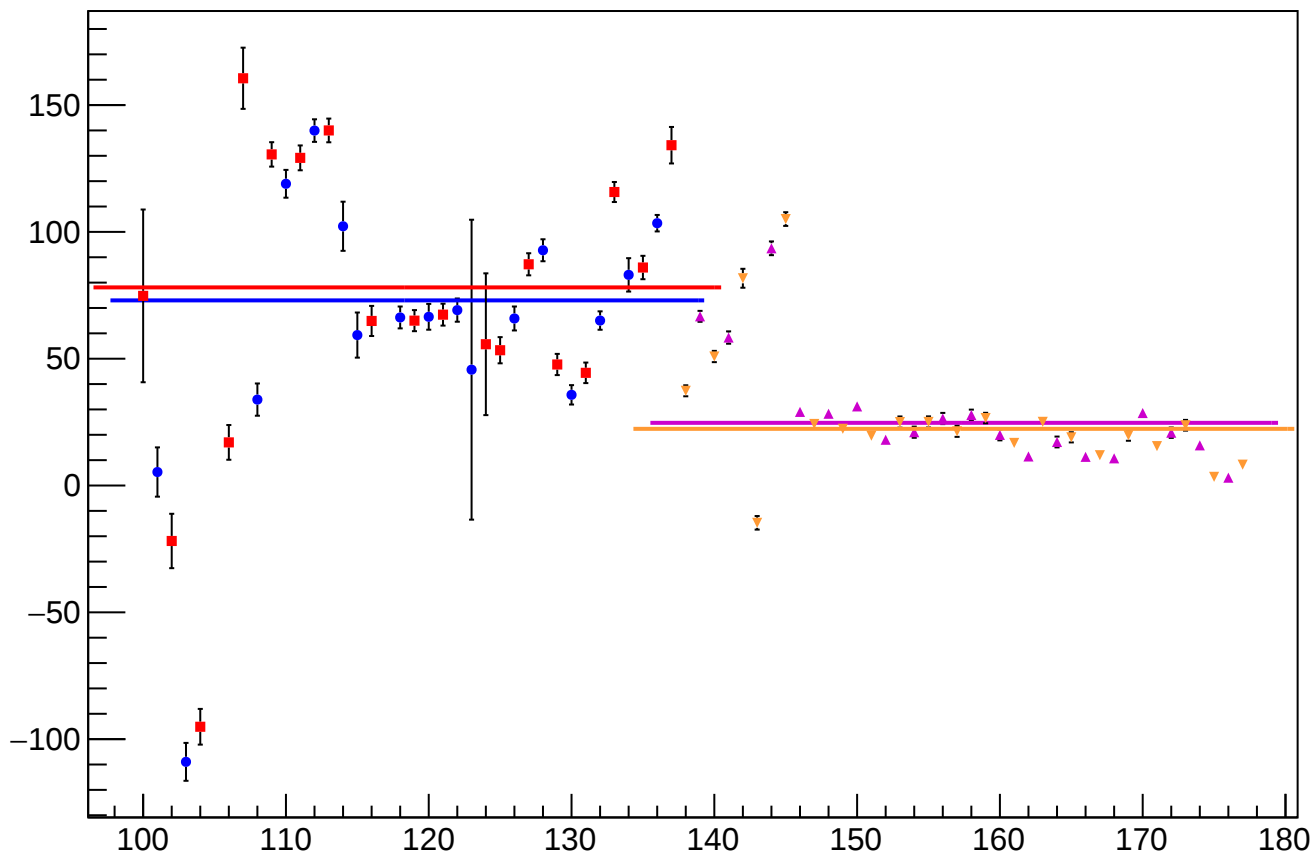
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 10.562 $\pm$ 0.304 χ^2 /NDF:1134.6/35

Out: 10.047 $\pm$ 0.292 χ^2 /NDF:952.5/39

All: 10.295 $\pm$ 0.211 χ^2 /NDF: 2088.6/75

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: 24.714 $\pm$ 0.455 χ^2 /NDF:1669.5/18

Left: 23.495 $\pm$ 0.317 χ^2 /NDF: 3595.0/39

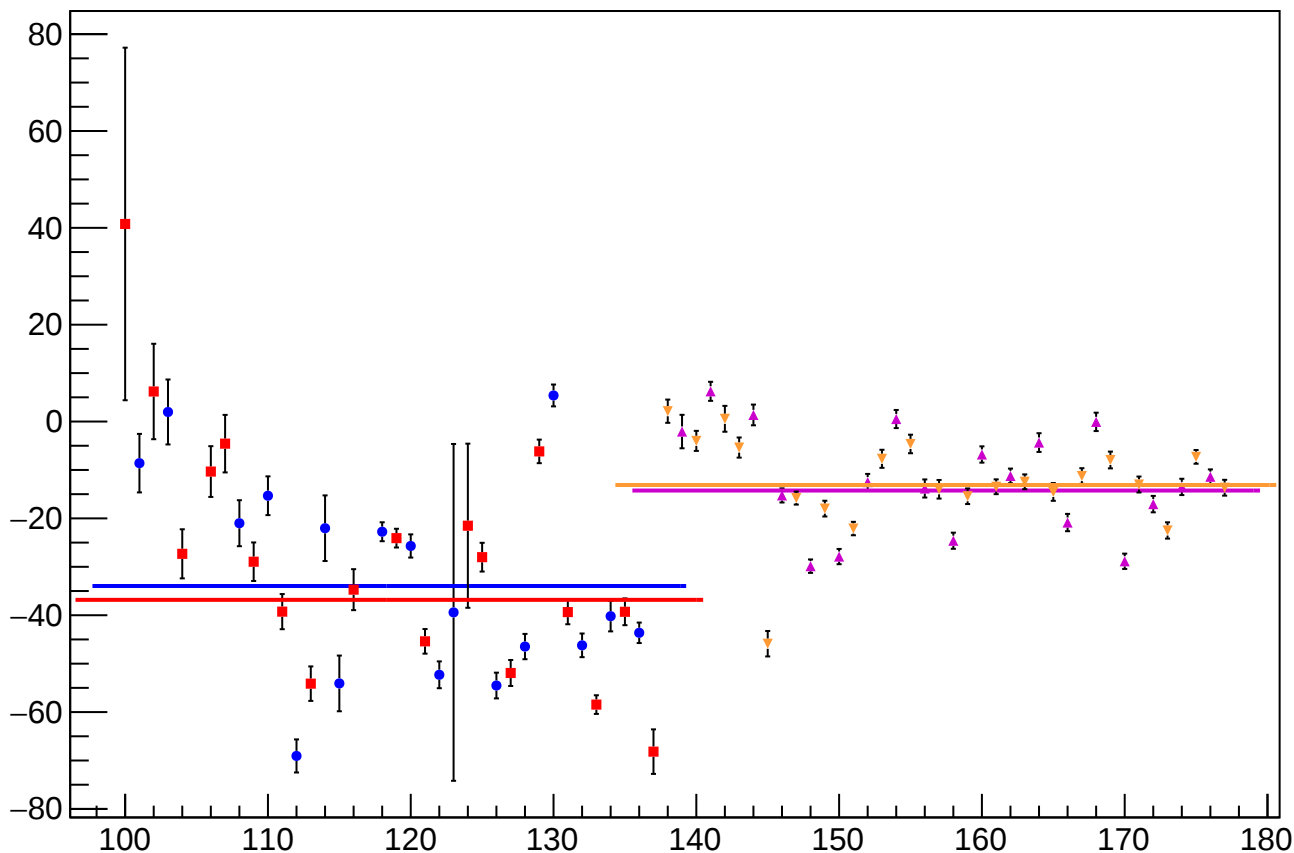
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 30.534 $\pm$ 0.427 χ^2 /NDF:4229.8/35

Out: 28.788 $\pm$ 0.416 χ^2 /NDF:5297.3/39

All: 29.637 $\pm$ 0.298 χ^2 /NDF: 9535.7/75

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: -14.251 ± 0.395 χ^2/NDF : 689.5/18

Left: -13.651 ± 0.272 χ^2/NDF : 1093.3/39

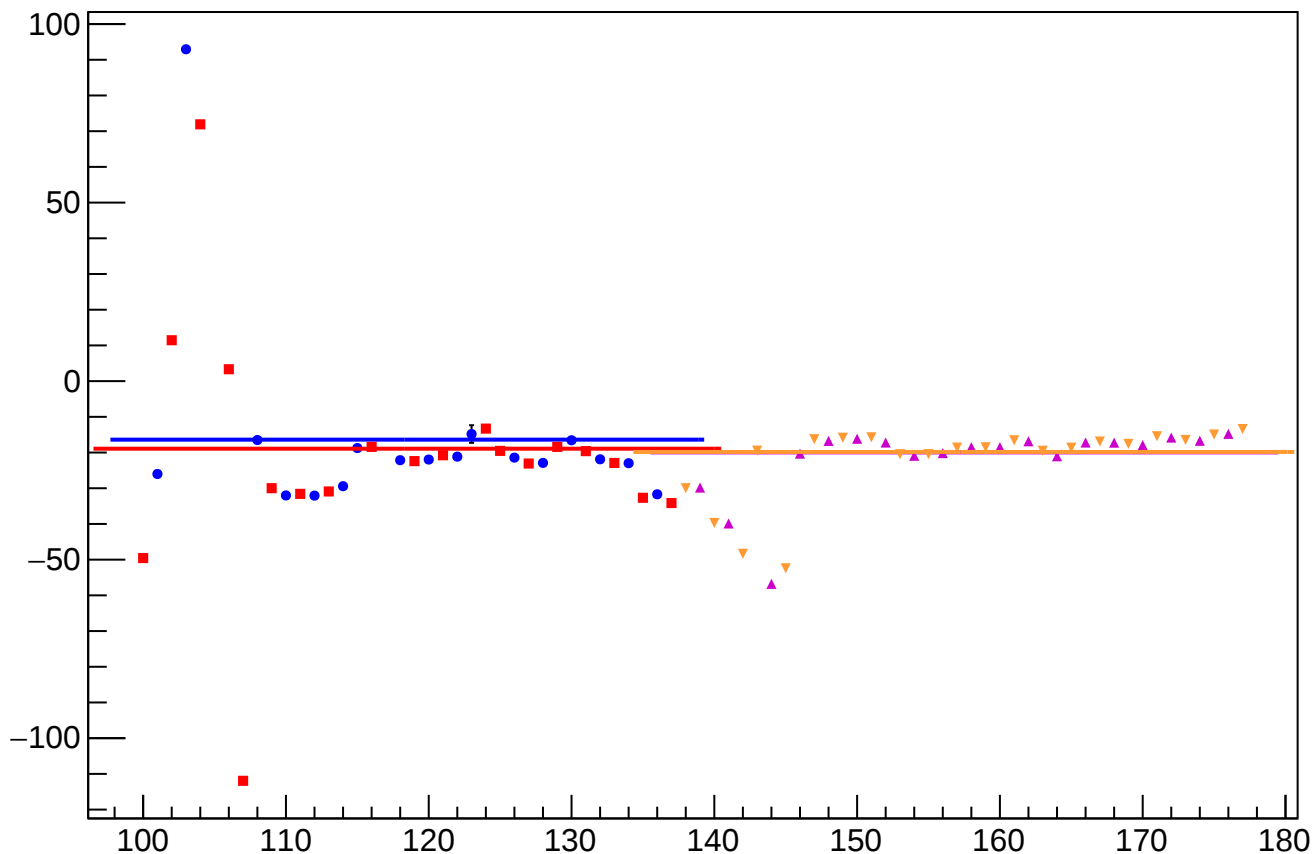
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -18.643 ± 0.348 χ^2/NDF : 1966.6/35

Out: -18.016 ± 0.335 χ^2/NDF : 1761.0/39

All: -18.317 ± 0.241 χ^2/NDF : 3729.3/75

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: -19.969 ± 0.018 $\chi^2/\text{NDF}: 177475.7/18$

Left: -19.901 ± 0.012 $\chi^2/\text{NDF}: 394845.6/39$

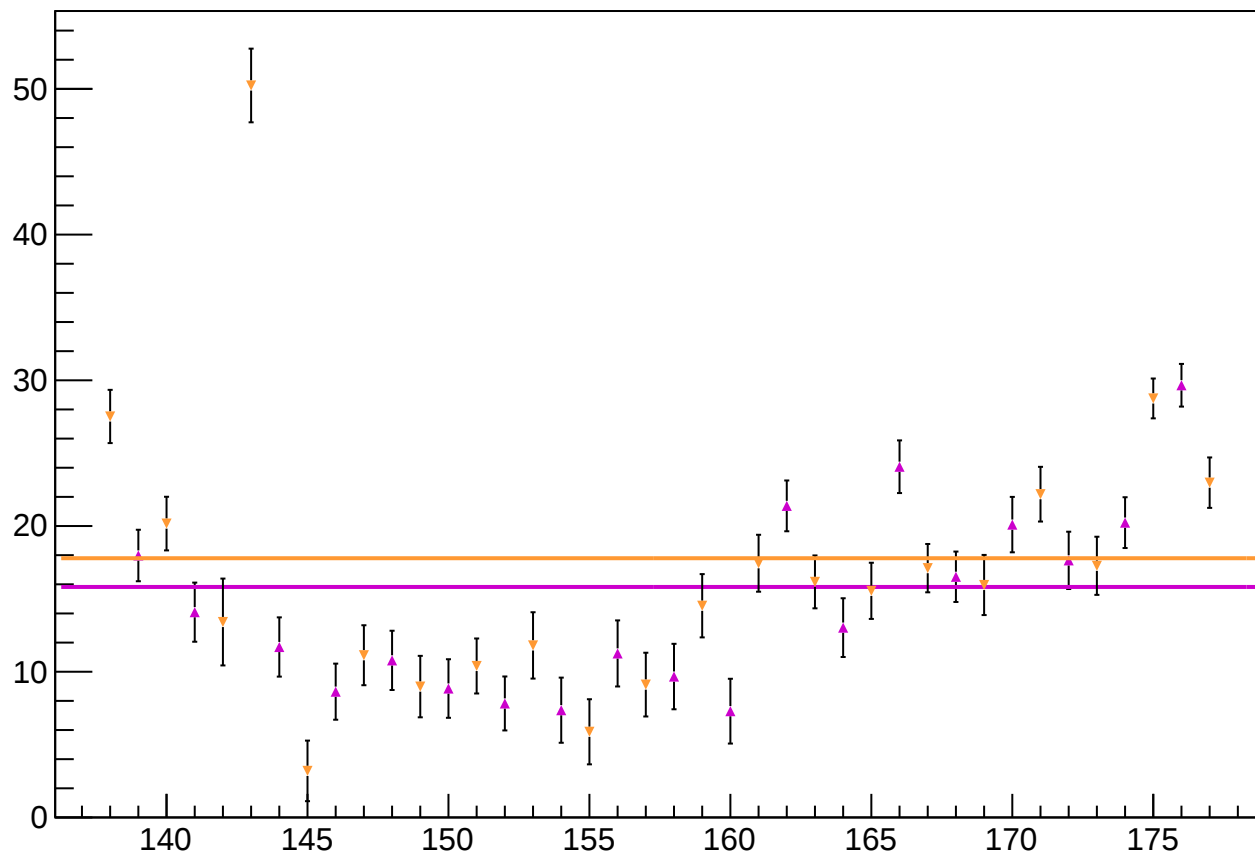
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -19.474 ± 0.017 $\chi^2/\text{NDF}: 657366.9/35$

Out: -19.718 ± 0.016 $\chi^2/\text{NDF}: 651839.9/39$

All: -19.597 ± 0.012 $\chi^2/\text{NDF}: 1309317.4/75$

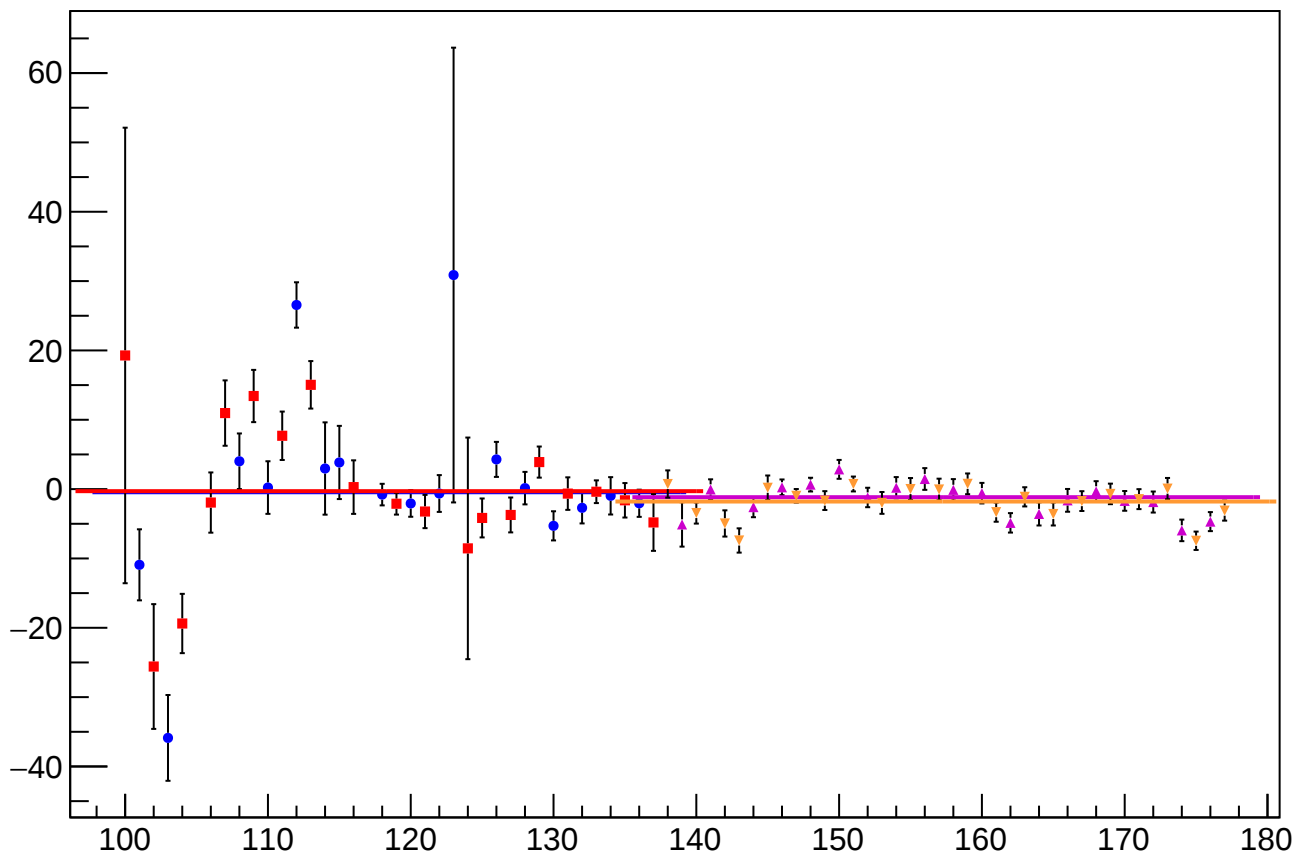
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 17.790 $\pm$ 0.427 χ^2/NDF :424.8/20
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 15.818 $\pm$ 0.439 χ^2/NDF :232.4/18

Left: 16.831 $\pm$ 0.306 χ^2/NDF : 667.5/39
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 15.818 $\pm$ 0.439 χ^2/NDF :232.4/18
 Out: 17.790 $\pm$ 0.427 χ^2/NDF :424.8/20
 All: 16.831 $\pm$ 0.306 χ^2/NDF : 667.5/39

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: -1.165 ± 0.330 χ^2/NDF : 46.8/18

Left: -1.491 ± 0.228 χ^2/NDF : 101.4/39

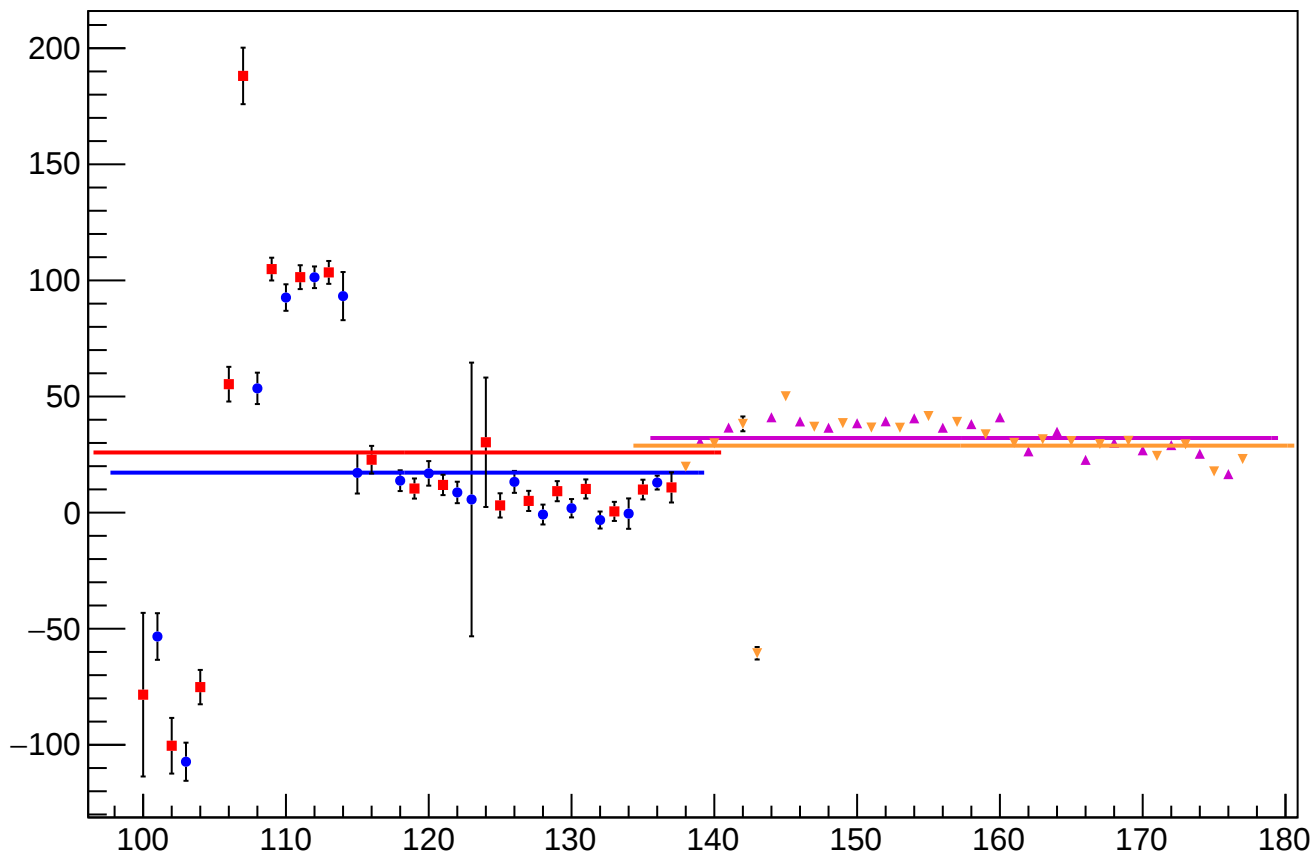
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -1.020 ± 0.295 χ^2/NDF : 167.3/35

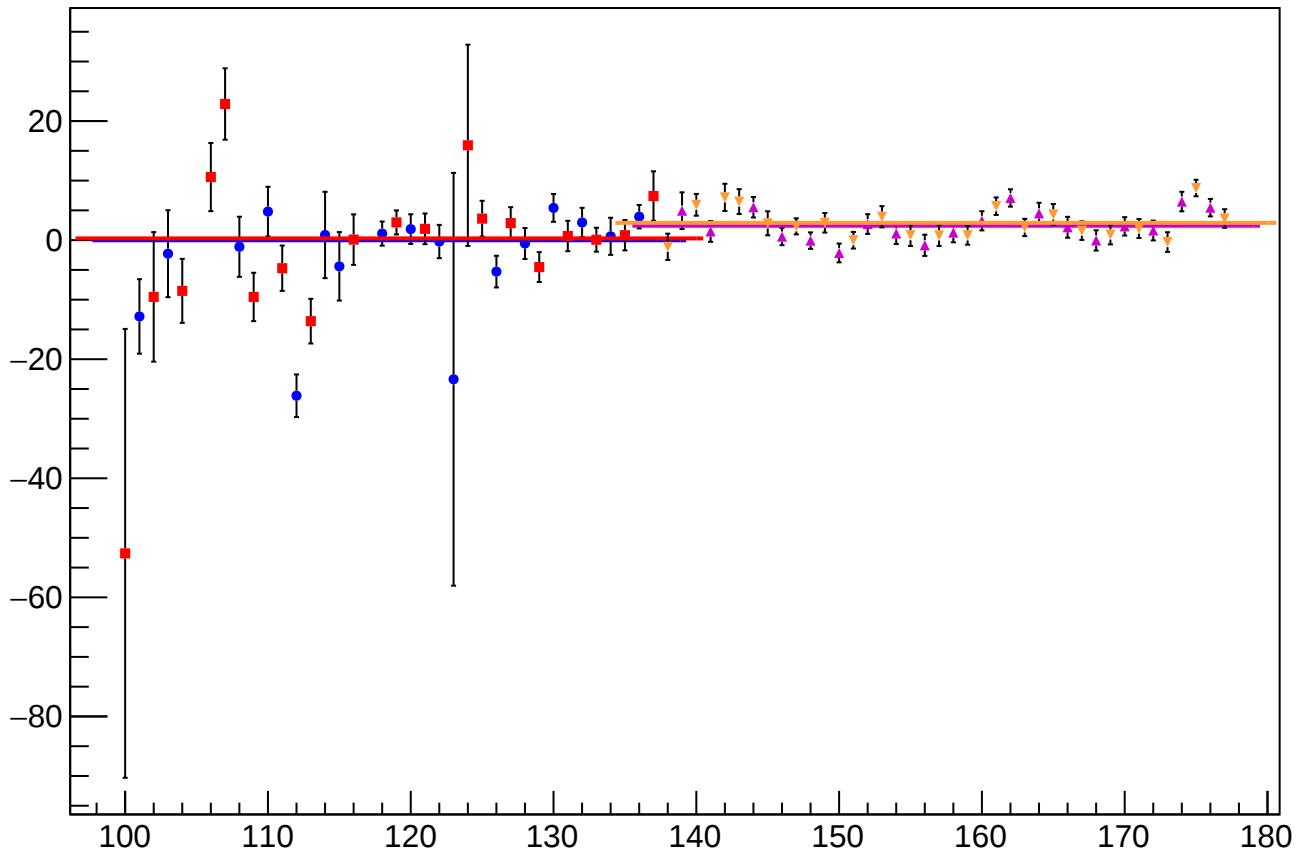
Out: -1.510 ± 0.284 χ^2/NDF : 141.4/39

All: -1.274 ± 0.205 χ^2/NDF : 310.1/75

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 2.424 ± 0.378 χ^2/NDF : 46.6/18

Left: 2.674 ± 0.261 χ^2/NDF : 98.1/39

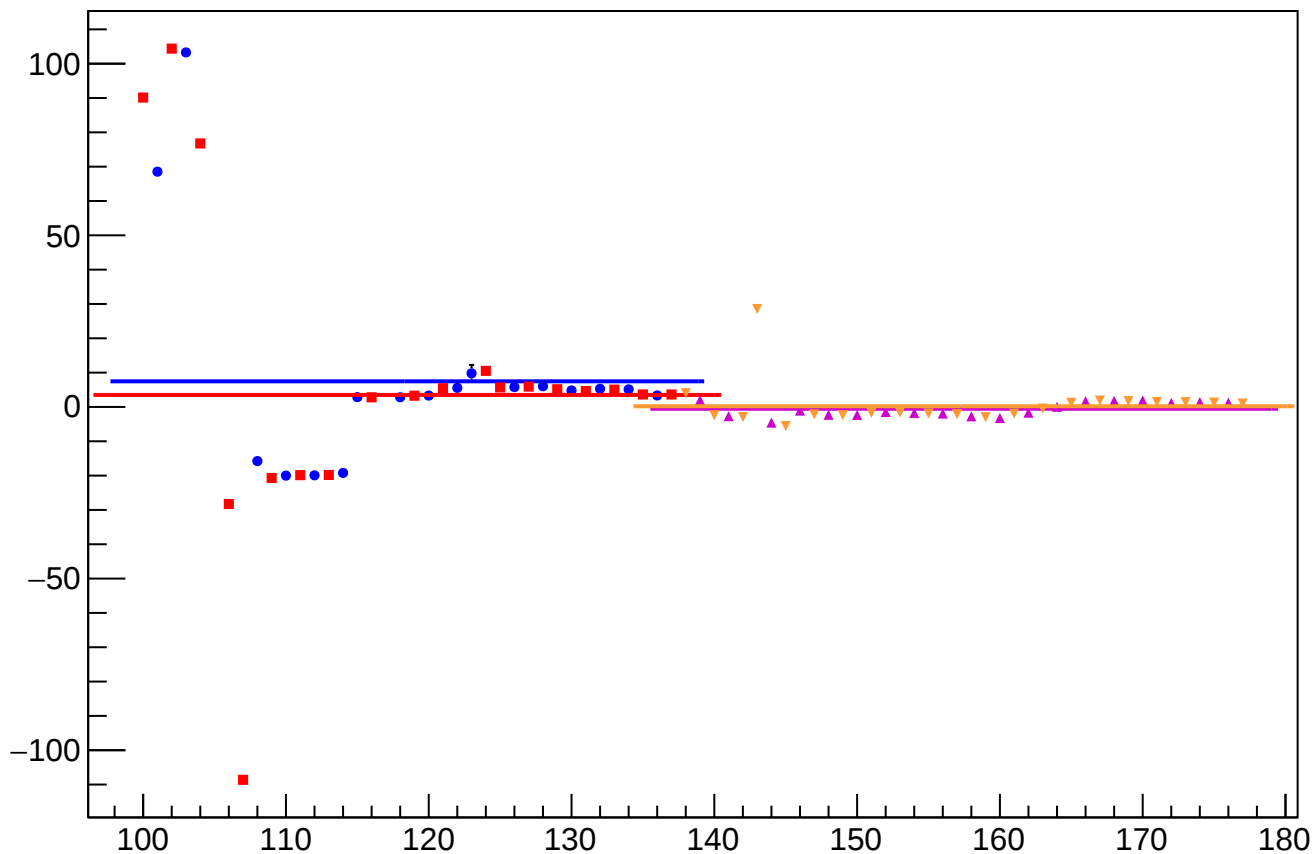
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.924 ± 0.337 χ^2/NDF : 131.0/35

Out: 2.410 ± 0.325 χ^2/NDF : 116.6/39

All: 2.175 ± 0.234 χ^2/NDF : 248.7/75

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: -0.523+/-0.017 χ^2/NDF : 13513.7/18

Left: -0.153+/-0.012 χ^2/NDF : 101388.8/39

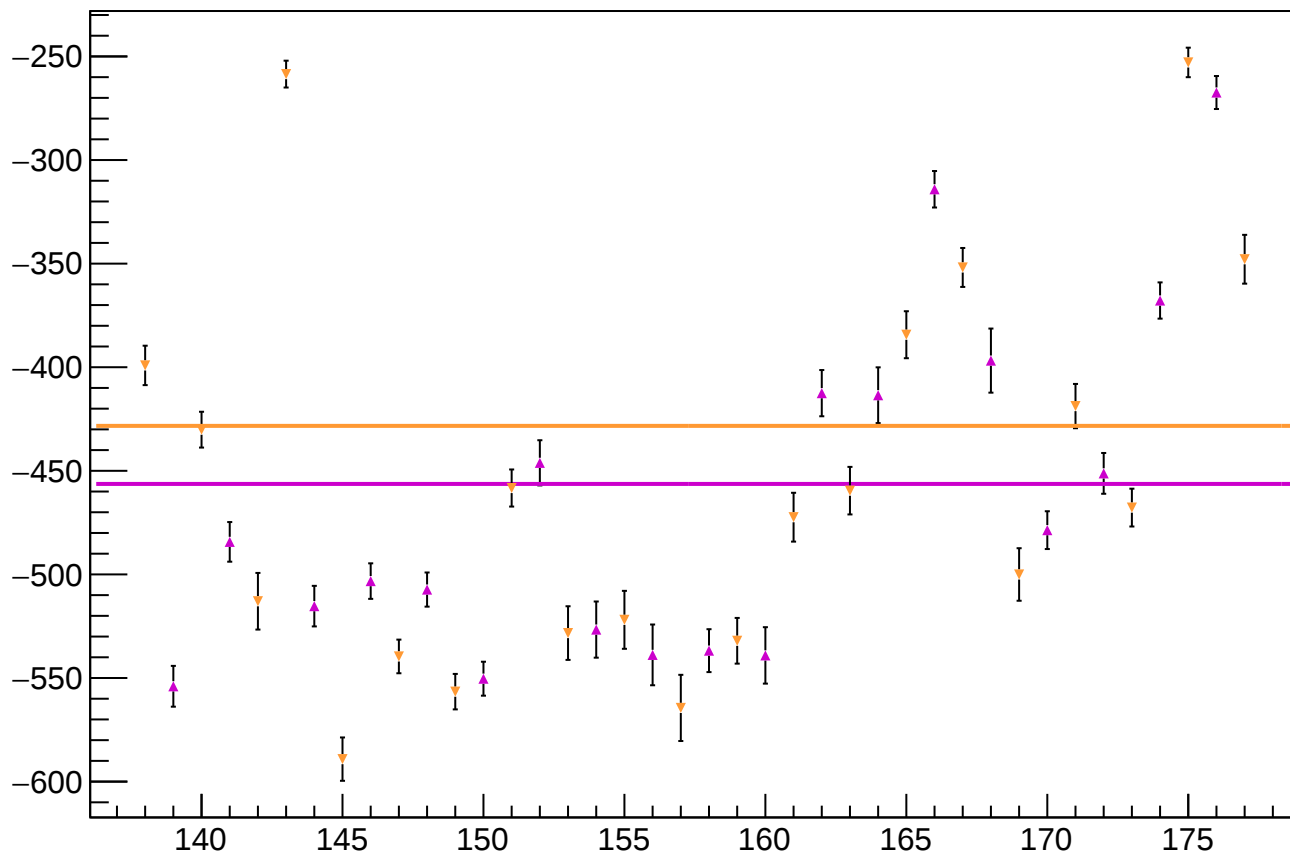
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 0.488+/-0.016 χ^2/NDF : 397600.9/35

Out: 0.594+/-0.016 χ^2/NDF : 602126.2/39

All: 0.541+/-0.011 χ^2/NDF : 999749.5/75

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: -456.330+/-2.295 χ^2/NDF :1472.8/18

Left: -441.448+/-1.571 χ^2/NDF : 4019.7/39

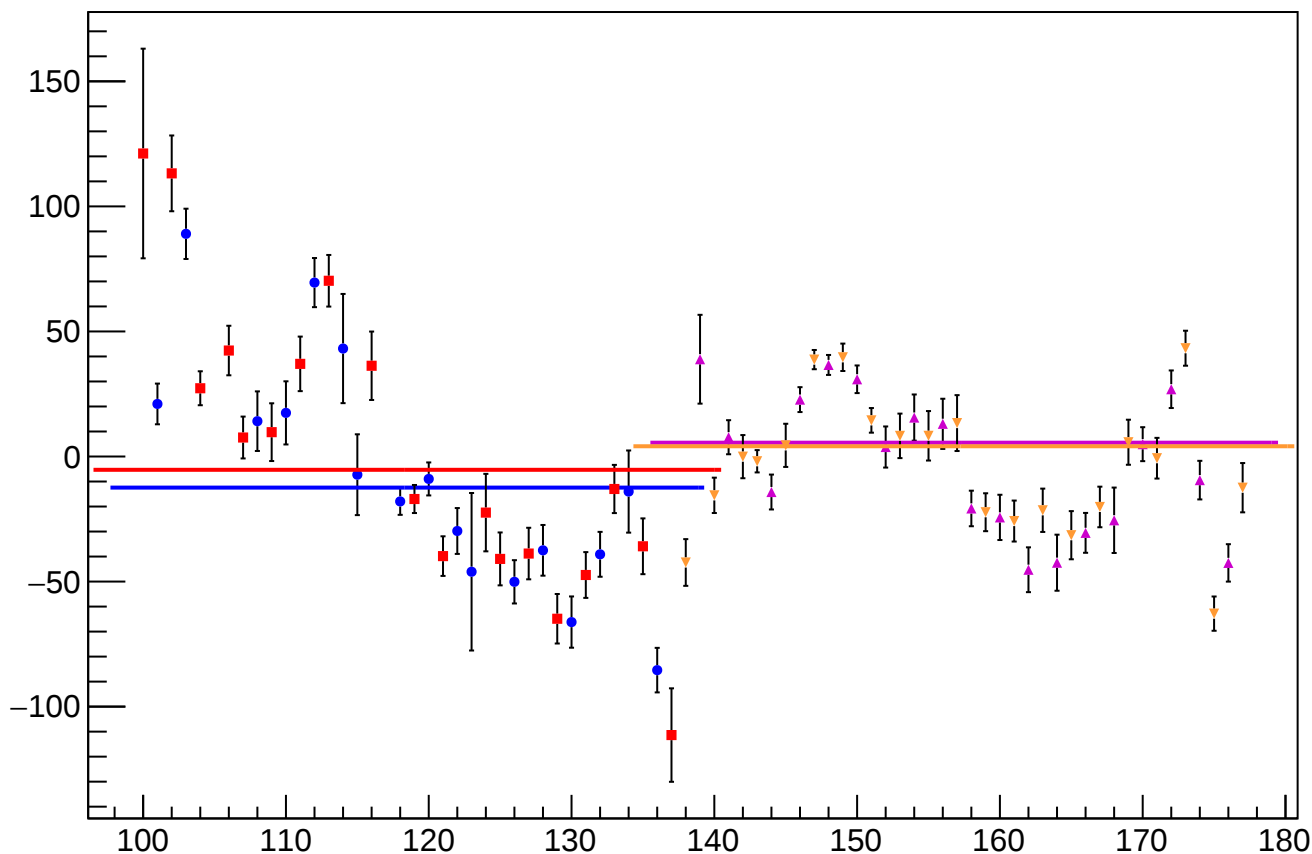
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -456.330+/-2.295 χ^2/NDF :1472.8/18

Out: -428.307+/-2.156 χ^2/NDF :2467.7/20

All: -441.448+/-1.571 χ^2/NDF : 4019.7/39

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: 5.524 ± 1.653 χ^2/NDF : 261.5/18

Left: 4.750 ± 1.119 χ^2/NDF : 612.0/39

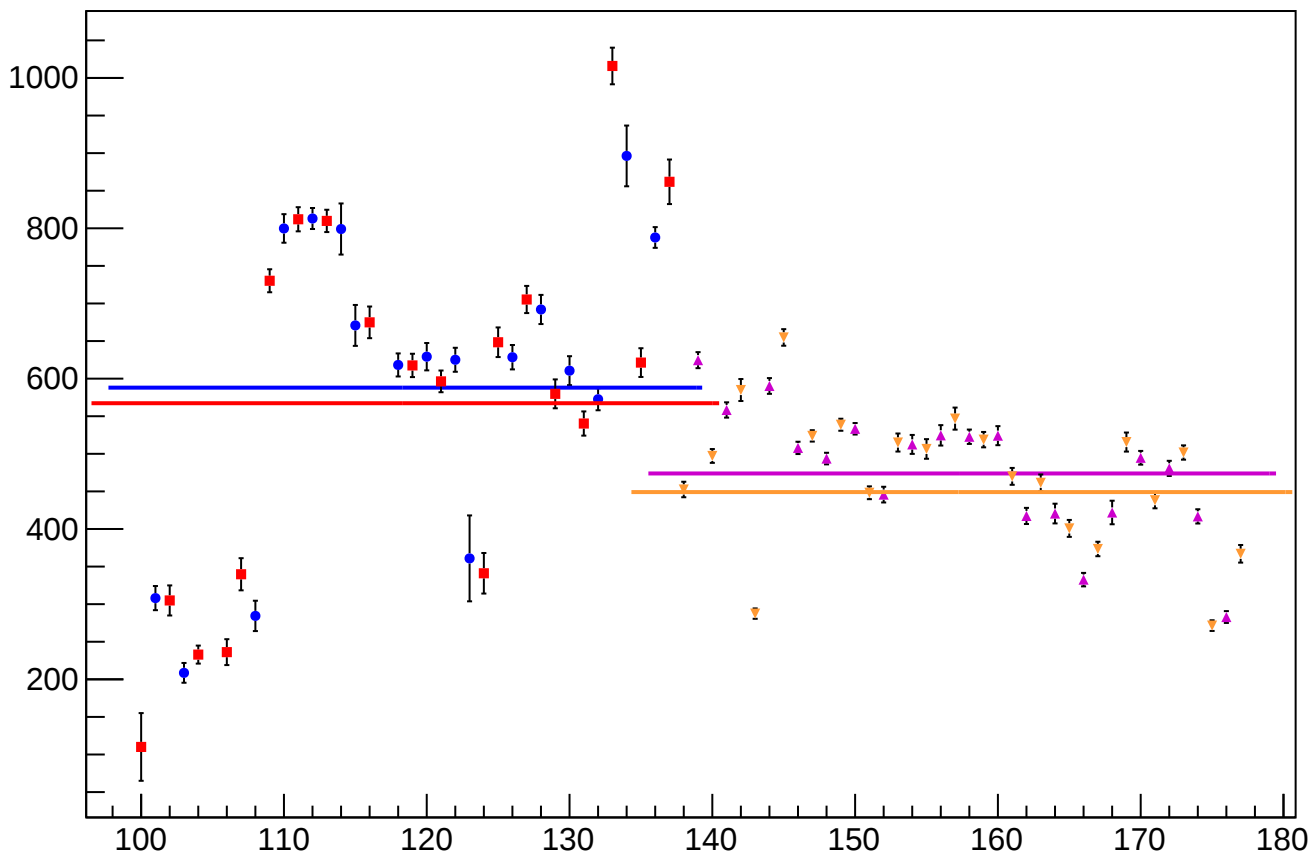
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: -0.541 ± 1.345 χ^2/NDF : 641.5/35

Out: 1.163 ± 1.261 χ^2/NDF : 704.9/39

All: 0.366 ± 0.920 χ^2/NDF : 1347.3/75

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: 473.863 $\pm$ 2.268 χ^2 /NDF:1481.4/18

Left: 460.814 $\pm$ 1.560 χ^2 /NDF: 3733.7/39

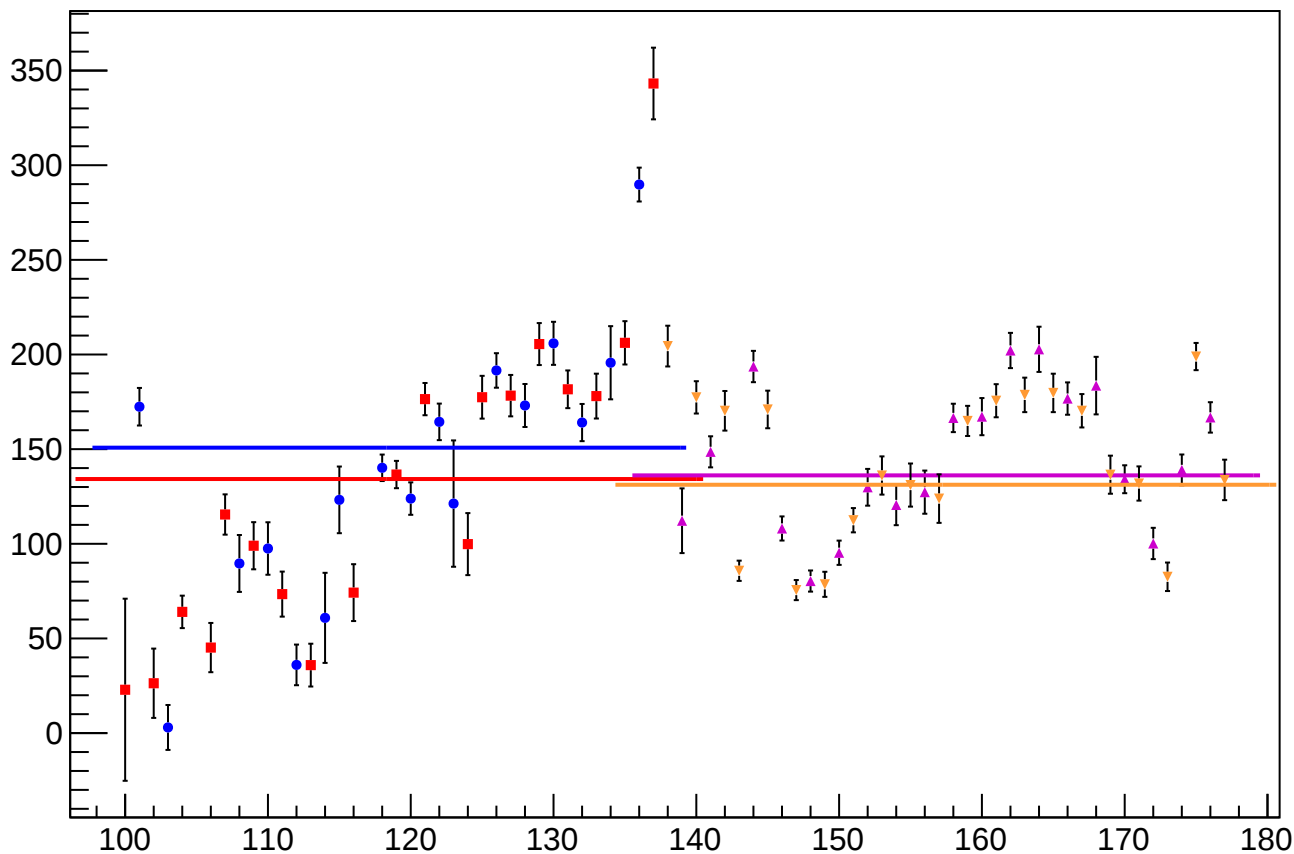
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 498.453 $\pm$ 2.009 χ^2 /NDF:4154.9/35

Out: 474.254 $\pm$ 1.906 χ^2 /NDF:5617.7/39

All: 485.720 $\pm$ 1.383 χ^2 /NDF: 9849.0/75

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 ± 2.679 $\chi^2/\text{NDF}: 633.1/16$

Left Out: 131.194 ± 1.784 $\chi^2/\text{NDF}: 604.1/20$

Right Out: 134.219 ± 2.615 $\chi^2/\text{NDF}: 581.6/18$

Left In: 136.149 ± 1.927 $\chi^2/\text{NDF}: 389.4/18$

Left: 133.481 ± 1.309 $\chi^2/\text{NDF}: 997.1/39$

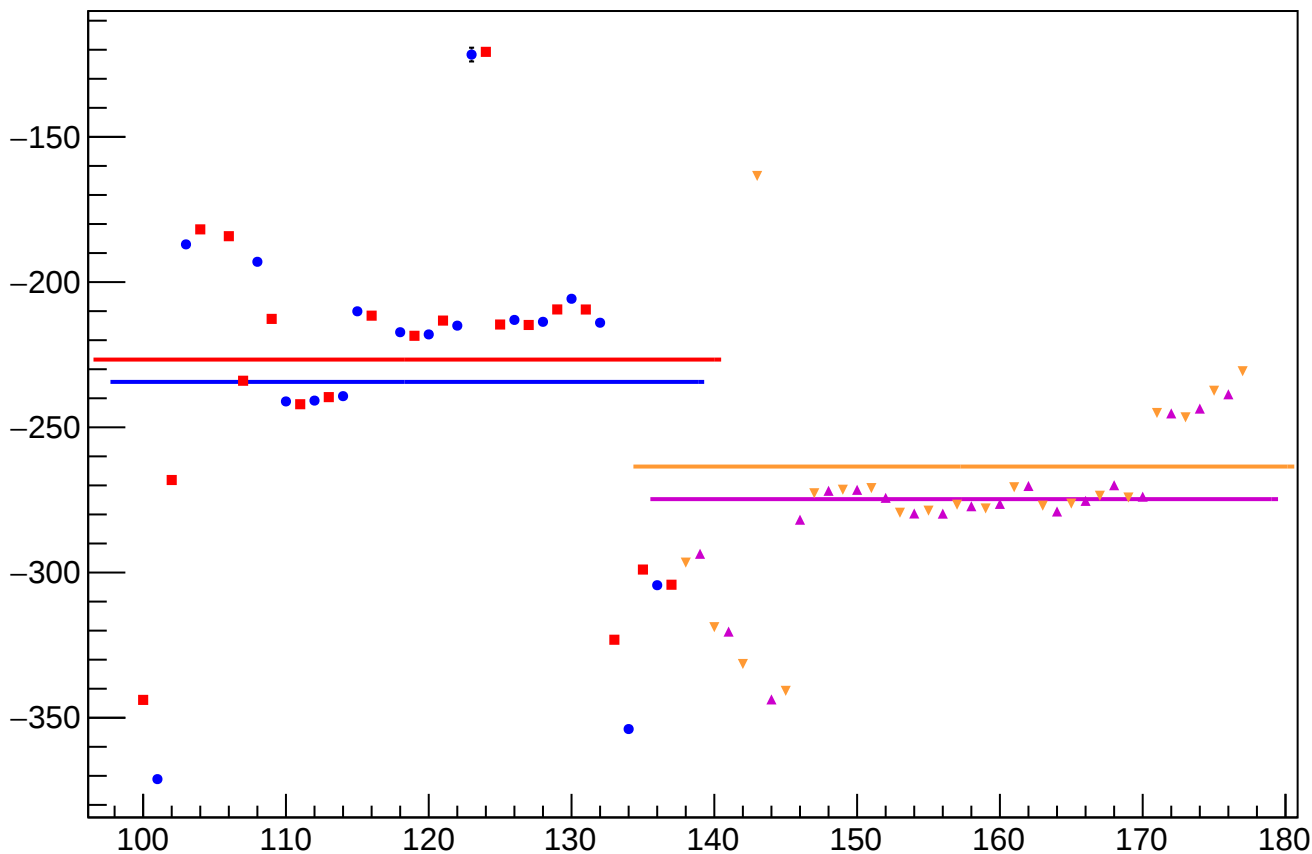
Right: 142.302 ± 1.872 $\chi^2/\text{NDF}: 1234.3/35$

In: 141.138 ± 1.564 $\chi^2/\text{NDF}: 1042.2/35$

Out: 132.154 ± 1.474 $\chi^2/\text{NDF}: 1186.6/39$

All: 136.379 ± 1.073 $\chi^2/\text{NDF}: 2246.3/75$

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: -274.726+/-0.090 χ^2/NDF : 63441.7/18

Left: -268.888+/-0.062 χ^2/NDF : 296194.7/39

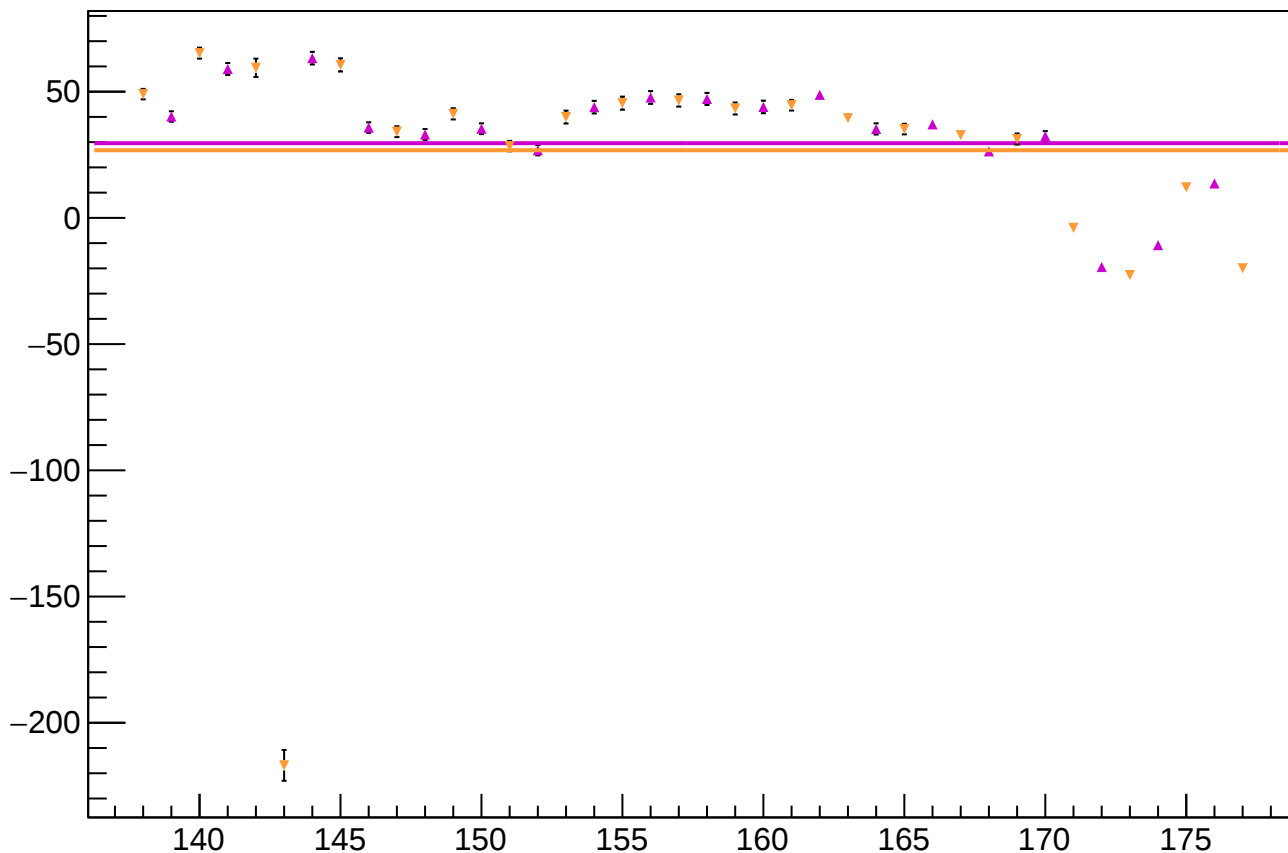
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -263.843+/-0.077 χ^2/NDF : 262583.5/35

Out: -253.445+/-0.074 χ^2/NDF : 373615.1/39

All: -258.419+/-0.053 χ^2/NDF : 645686.7/75

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: 29.596+/-0.474 χ^2/NDF :2006.8/18

Left: 28.181+/-0.333 χ^2/NDF : 6312.1/39

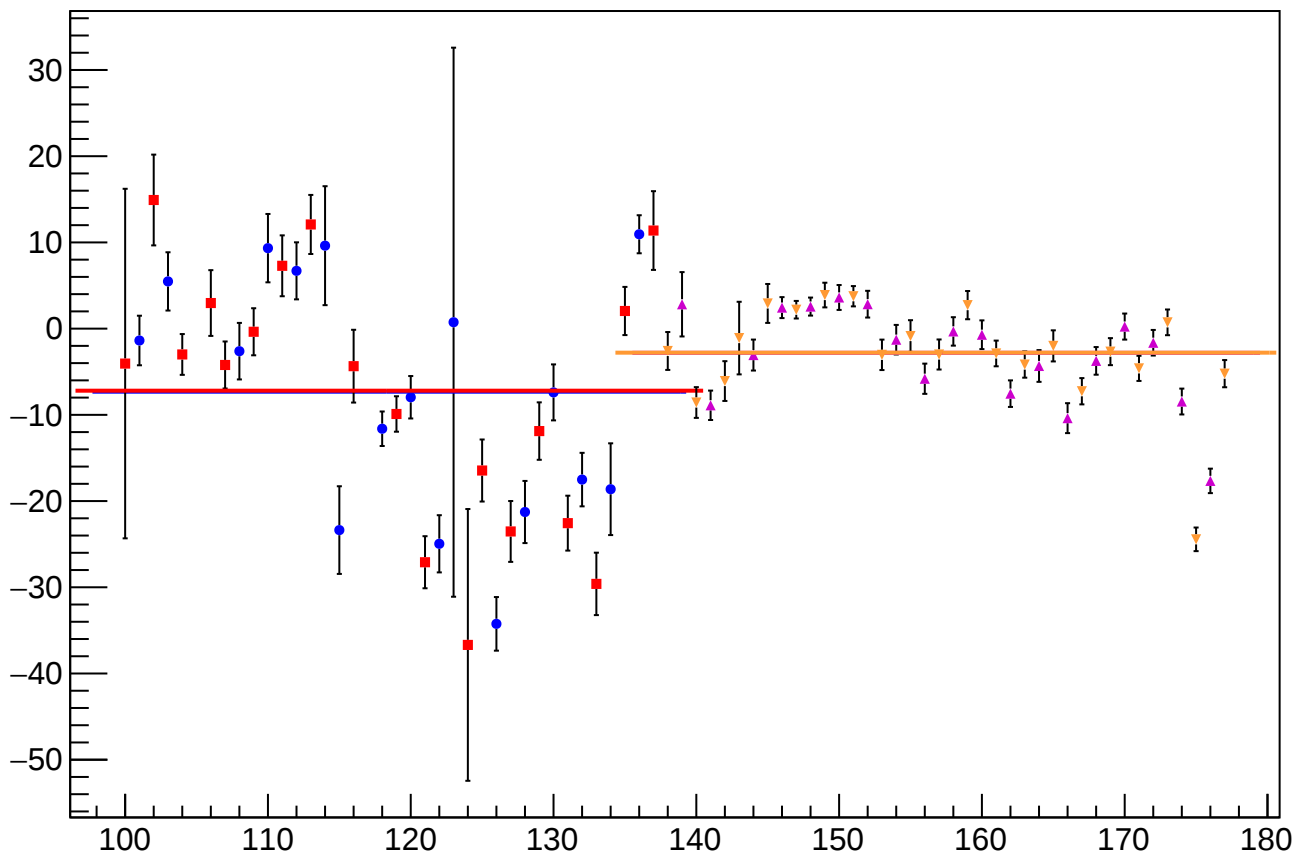
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.596+/-0.474 χ^2/NDF :2006.8/18

Out: 26.795+/-0.469 χ^2/NDF :4287.7/20

All: 28.181+/-0.333 χ^2/NDF : 6312.1/39

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: -2.809 ± 0.356 χ^2/NDF : 258.5/18

Left: -2.798 ± 0.248 χ^2/NDF : 635.9/39

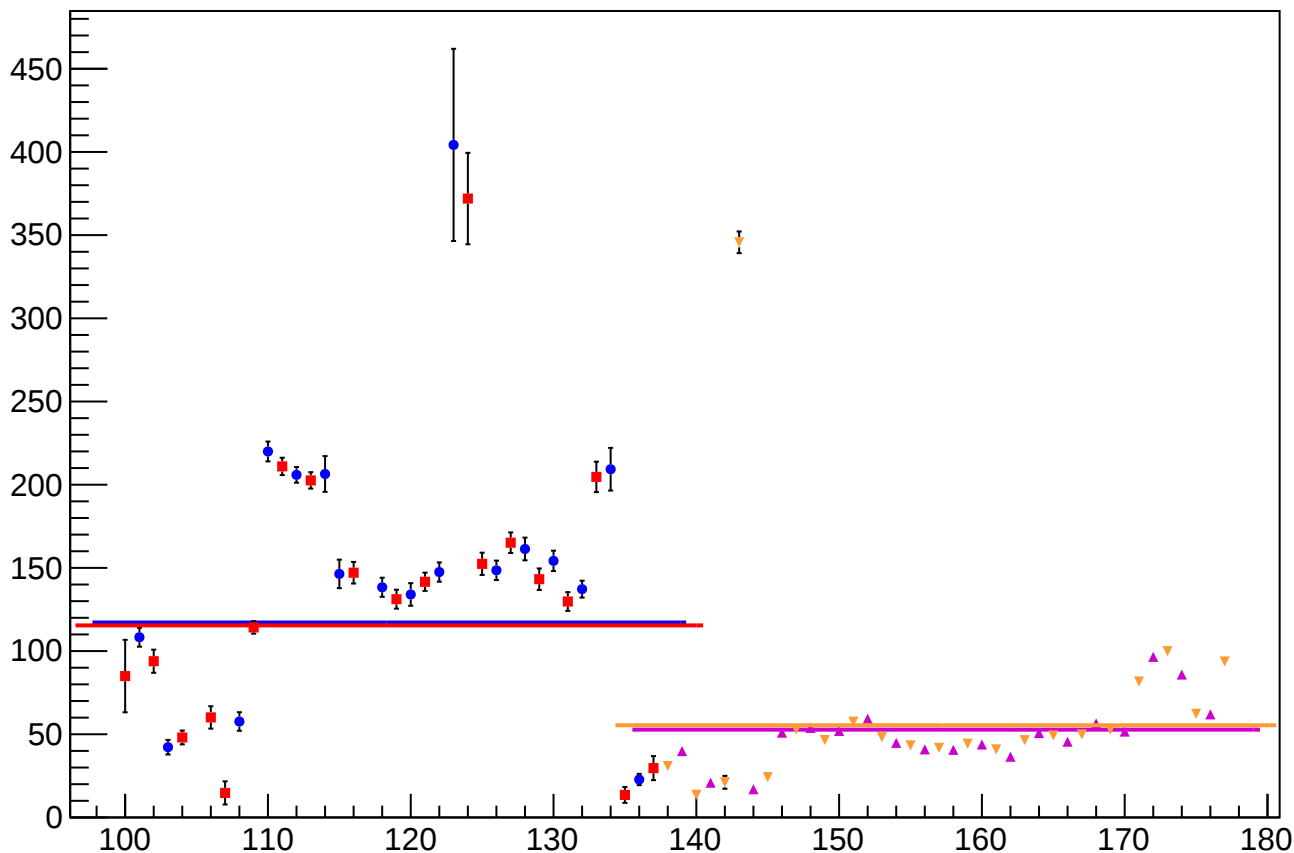
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -3.586 ± 0.324 χ^2/NDF : 565.1/35

Out: -3.544 ± 0.315 χ^2/NDF : 657.4/39

All: -3.564 ± 0.226 χ^2/NDF : 1222.5/75

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: 52.764 ± 0.469 χ^2/NDF : 1418.1/18

Left: 54.103 ± 0.330 χ^2/NDF : 5397.5/39

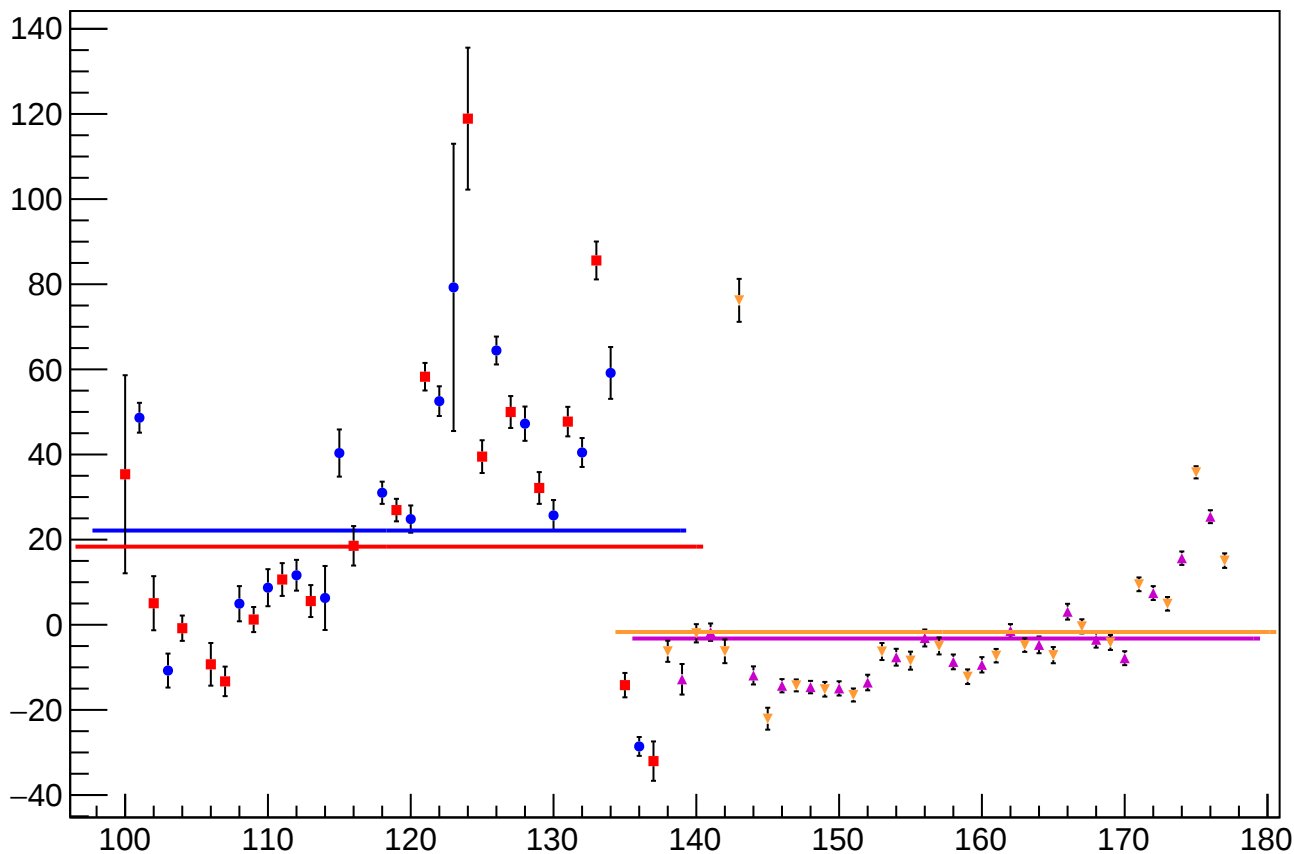
Right: 116.275 ± 0.980 χ^2/NDF : 4311.6/35

In: 59.170 ± 0.445 χ^2/NDF : 5453.4/35

Out: 61.652 ± 0.439 χ^2/NDF : 7858.7/39

All: 60.429 ± 0.312 χ^2/NDF : 13327.9/75

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -1.700 ± 0.396 $\chi^2/\text{NDF}: 1468.2/20$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -3.233 ± 0.407 $\chi^2/\text{NDF}: 804.0/18$

Left: -2.445 ± 0.284 $\chi^2/\text{NDF}: 2279.5/39$

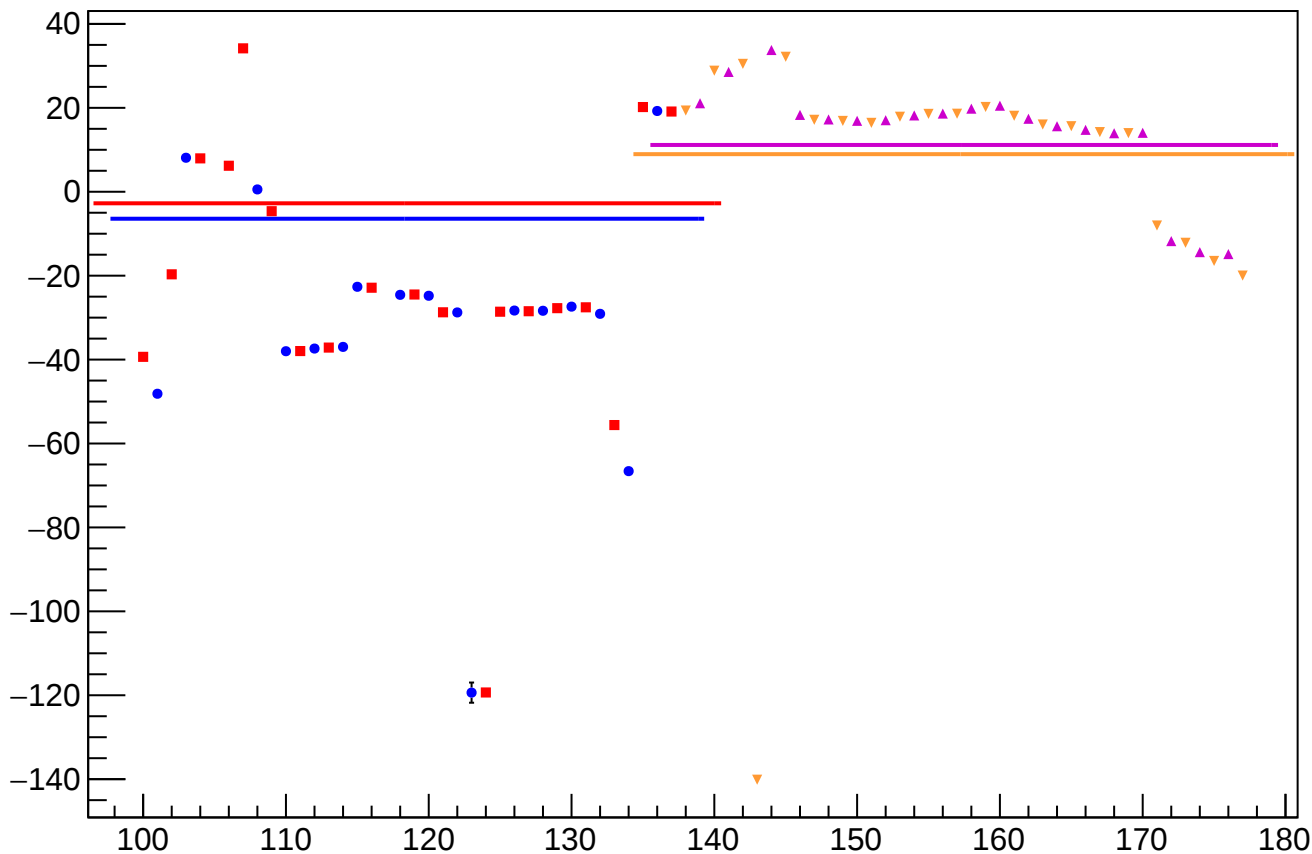
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: 1.153 ± 0.371 $\chi^2/\text{NDF}: 2538.4/35$

Out: 1.733 ± 0.361 $\chi^2/\text{NDF}: 2978.1/39$

All: 1.451 ± 0.258 $\chi^2/\text{NDF}: 5517.8/75$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 8.959 ± 0.018 $\chi^2/\text{NDF}: 1006323.9/20$

Right Out: -2.752 ± 0.046 $\chi^2/\text{NDF}: 266290.0/18$

Left In: 11.153 ± 0.018 $\chi^2/\text{NDF}: 572381.4/18$

Left: 10.054 ± 0.013 $\chi^2/\text{NDF}: 1585884.6/39$

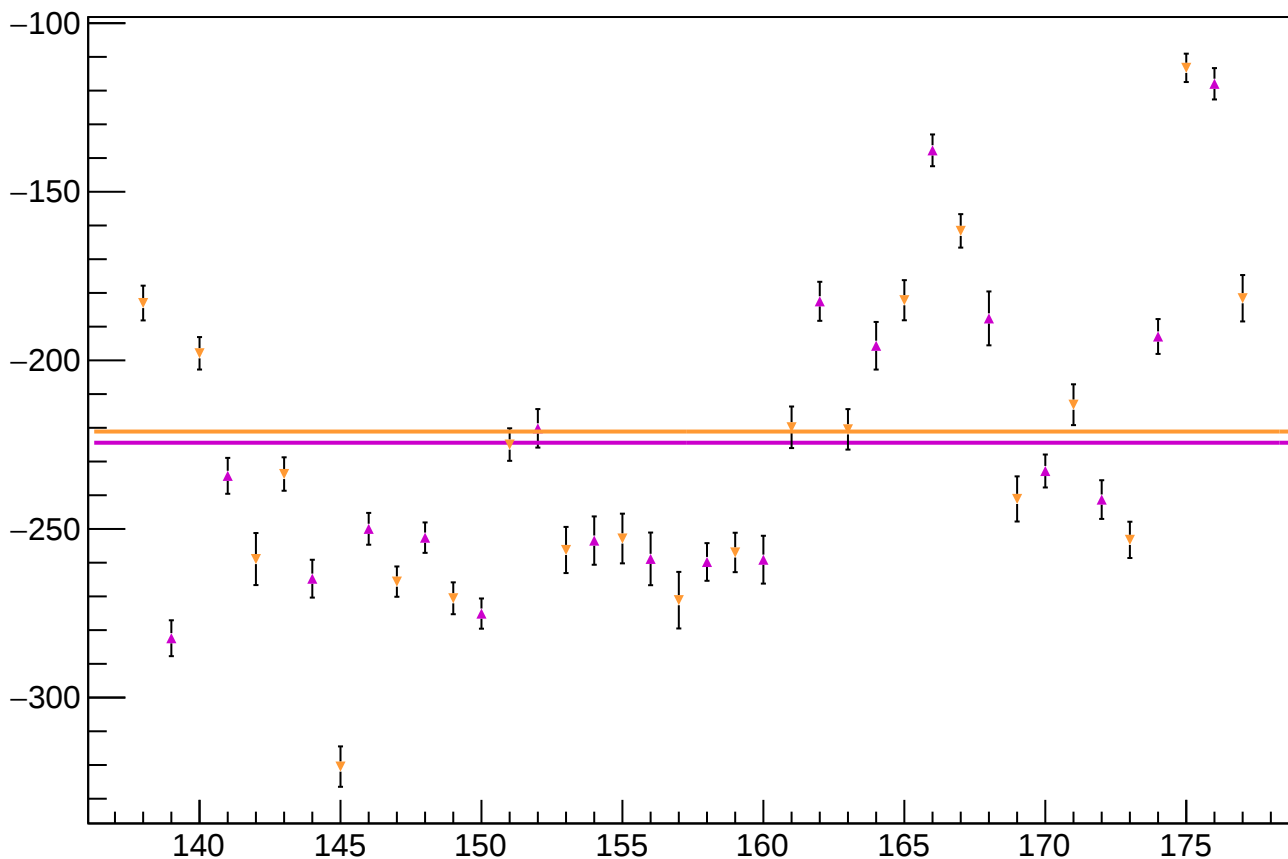
Right: -4.569 ± 0.032 $\chi^2/\text{NDF}: 534660.8/35$

In: 8.765 ± 0.017 $\chi^2/\text{NDF}: 962621.1/35$

Out: 7.341 ± 0.017 $\chi^2/\text{NDF}: 1329261.9/39$

All: 8.051 ± 0.012 $\chi^2/\text{NDF}: 2295388.3/75$

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: -224.426+/-1.259 χ^2/NDF :1471.9/18

Left: -222.716+/-0.876 χ^2/NDF : 3108.5/39

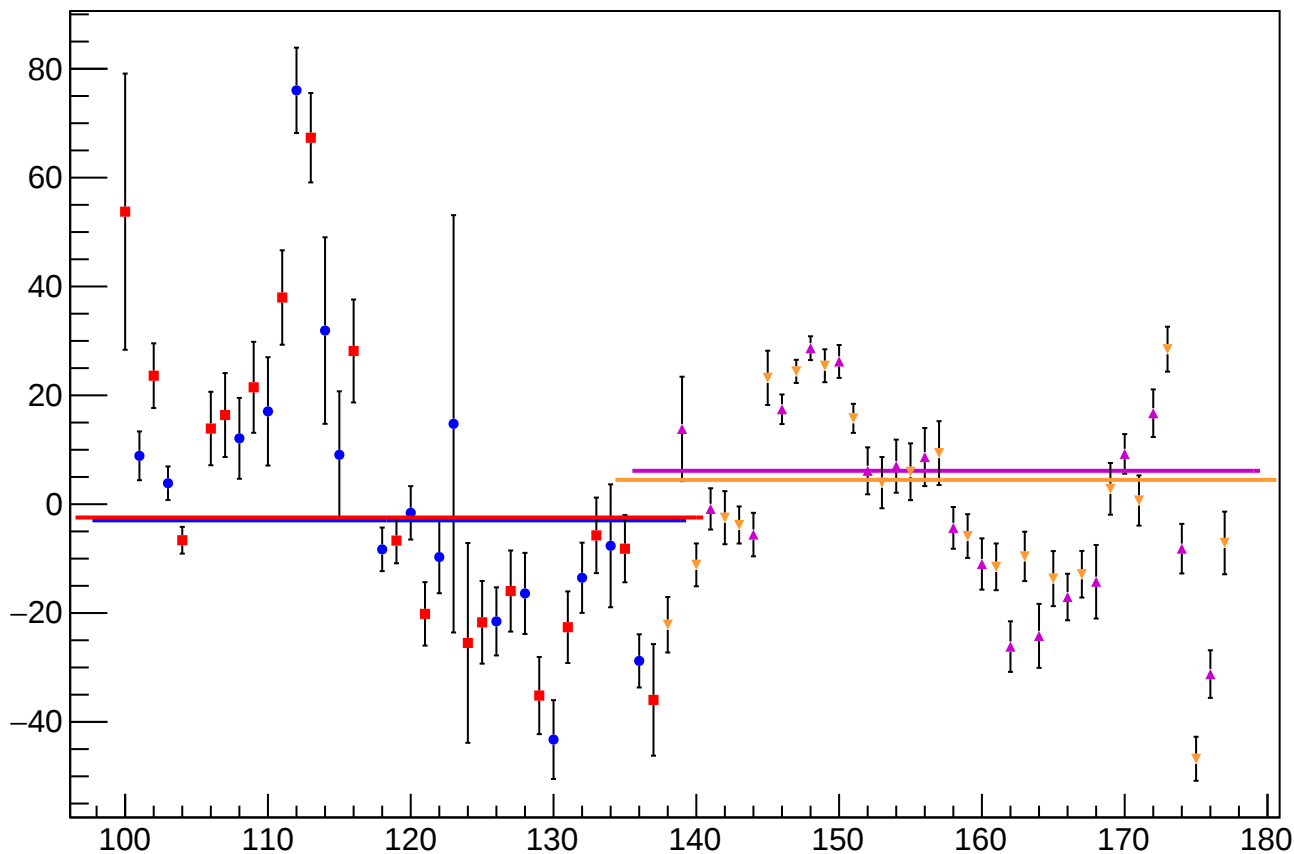
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -224.426+/-1.259 χ^2/NDF :1471.9/18

Out: -221.108+/-1.220 χ^2/NDF :1633.1/20

All: -222.716+/-0.876 χ^2/NDF : 3108.5/39

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: 6.137 ± 0.905 χ^2/NDF : 404.1/18

Left: 5.259 ± 0.623 χ^2/NDF : 883.8/39

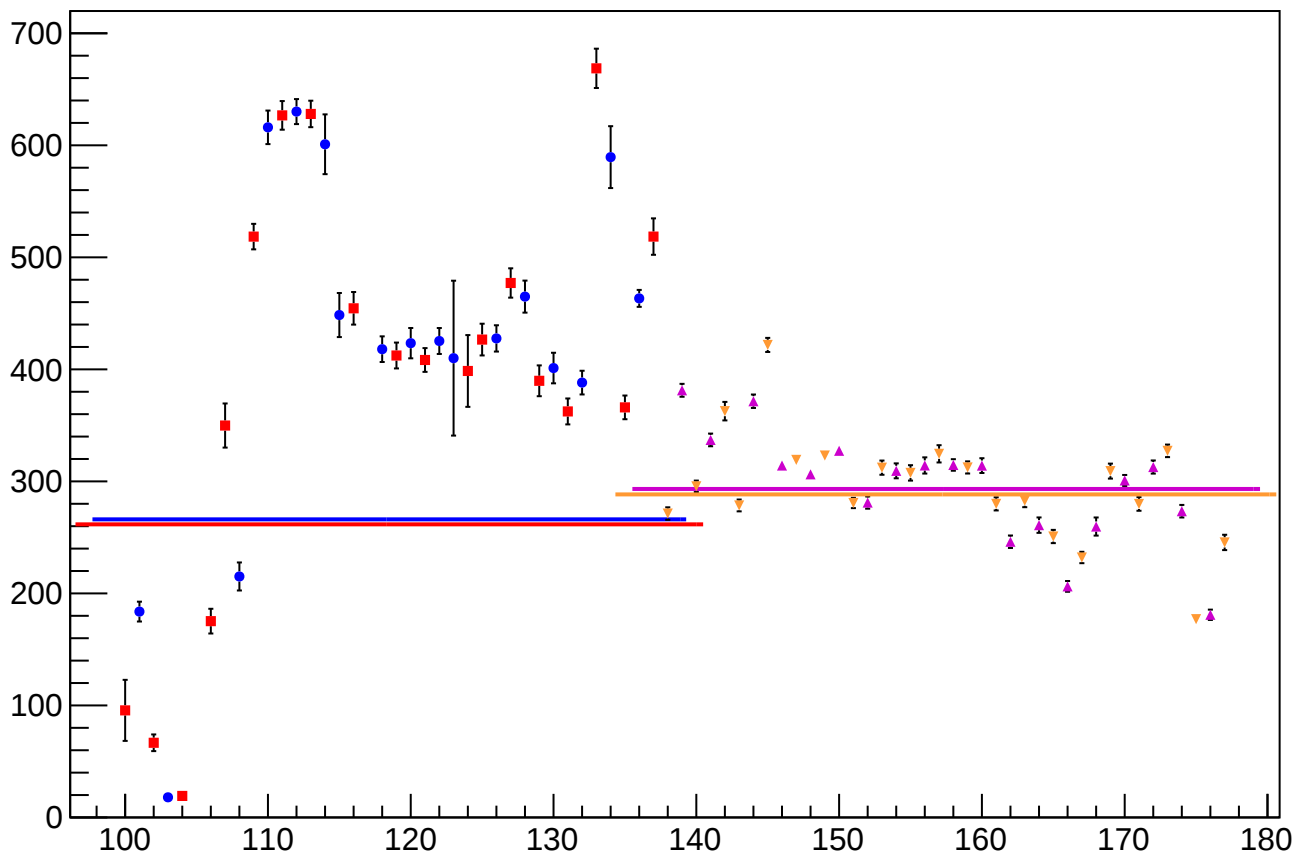
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 3.592 ± 0.768 χ^2/NDF : 635.9/35

Out: 2.568 ± 0.732 χ^2/NDF : 711.1/39

All: 3.055 ± 0.530 χ^2/NDF : 1348.0/75

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: 293.238 $\pm$ 1.242 χ^2 /NDF:1668.2/18

Left: 290.742 $\pm$ 0.866 χ^2 /NDF: 3372.4/39

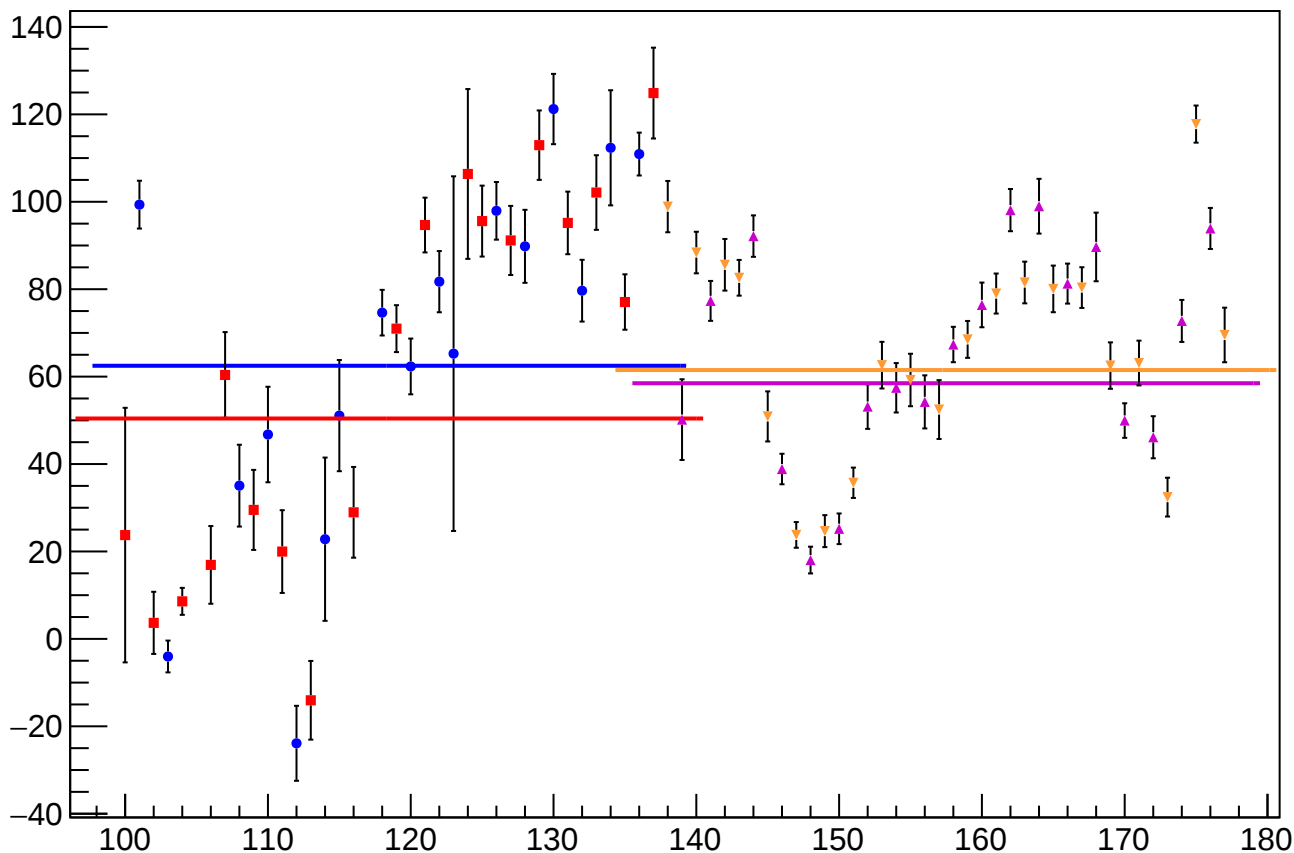
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 287.802 $\pm$ 1.110 χ^2 /NDF:9407.9/35

Out: 283.155 $\pm$ 1.085 χ^2 /NDF:10001.0/39

All: 285.426 $\pm$ 0.776 χ^2 /NDF: 19417.9/75

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: 58.490+/-1.055 χ^2/NDF : 610.2/18

Left: 60.065+/-0.729 χ^2/NDF : 1341.0/39

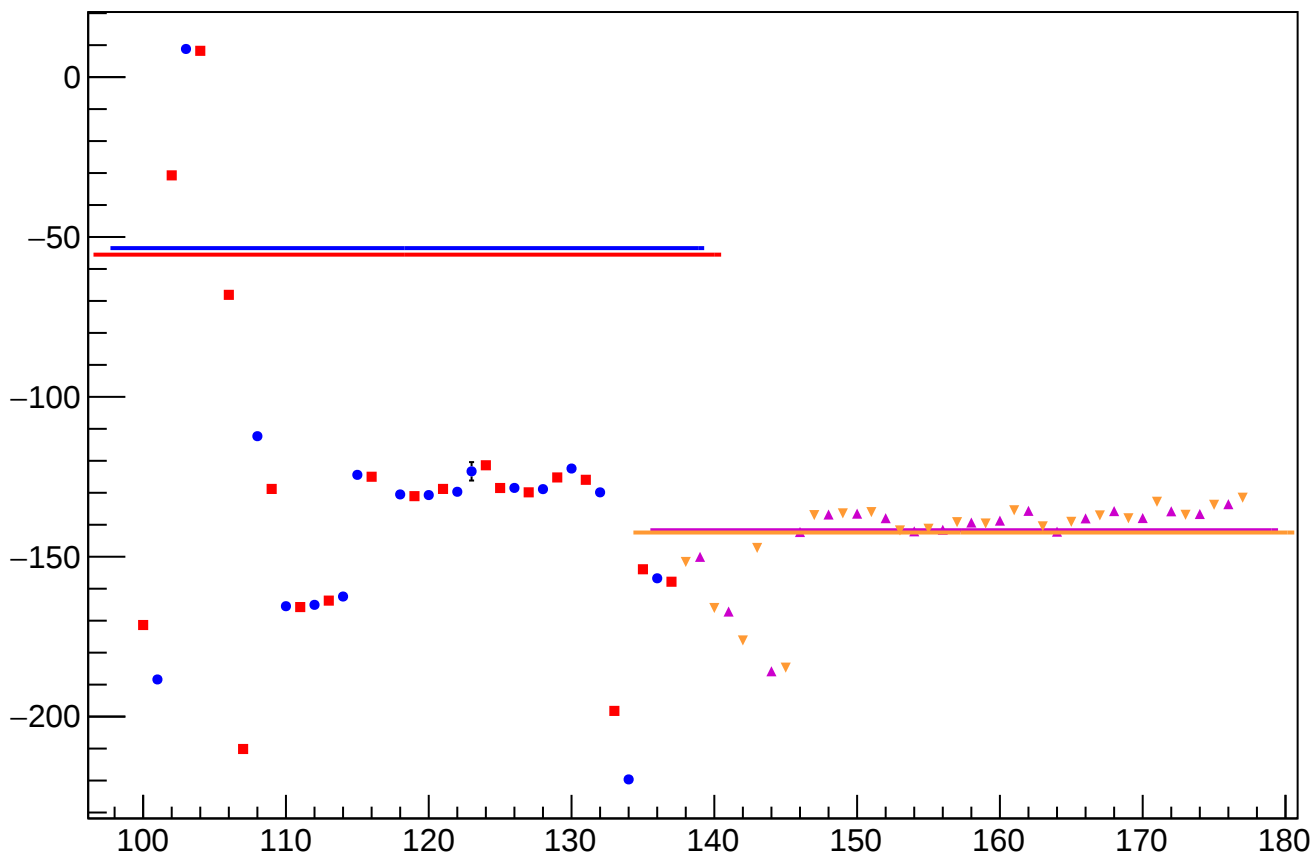
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 59.618+/-0.893 χ^2/NDF : 1335.0/35

Out: 58.471+/-0.859 χ^2/NDF : 1411.2/39

All: 59.022+/-0.619 χ^2/NDF : 2747.0/75

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -142.430 ± 0.049 $\chi^2/\text{NDF}: 64173.7/20$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -141.713 ± 0.049 $\chi^2/\text{NDF}: 49204.5/18$

Left: -142.077 ± 0.035 $\chi^2/\text{NDF}: 113485.5/39$

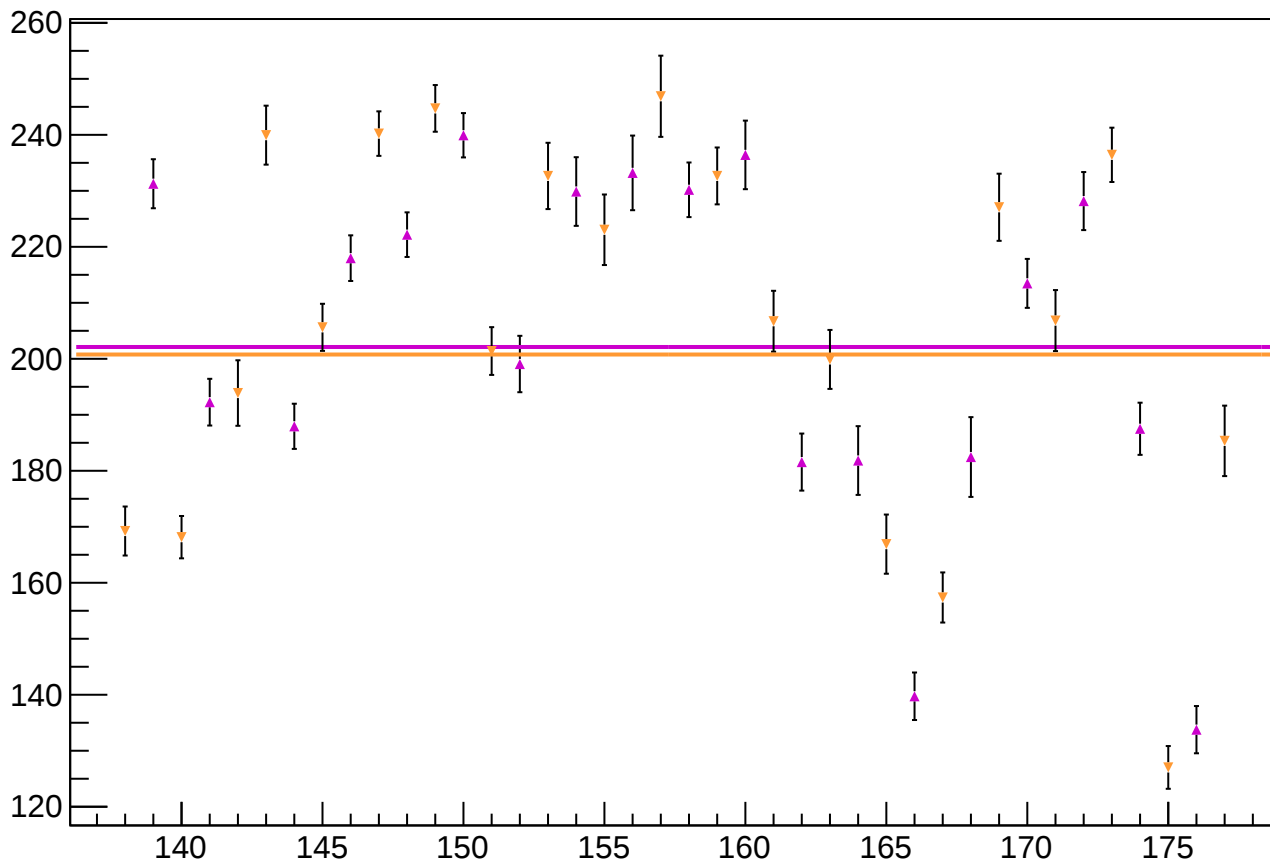
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -112.633 ± 0.040 $\chi^2/\text{NDF}: 2333709.6/35$

Out: -115.162 ± 0.040 $\chi^2/\text{NDF}: 2036815.4/39$

All: -113.901 ± 0.029 $\chi^2/\text{NDF}: 4372493.2/75$

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: 202.111+/-1.086 χ^2/NDF :856.4/18

Left: 201.424+/-0.760 χ^2/NDF : 1962.5/39

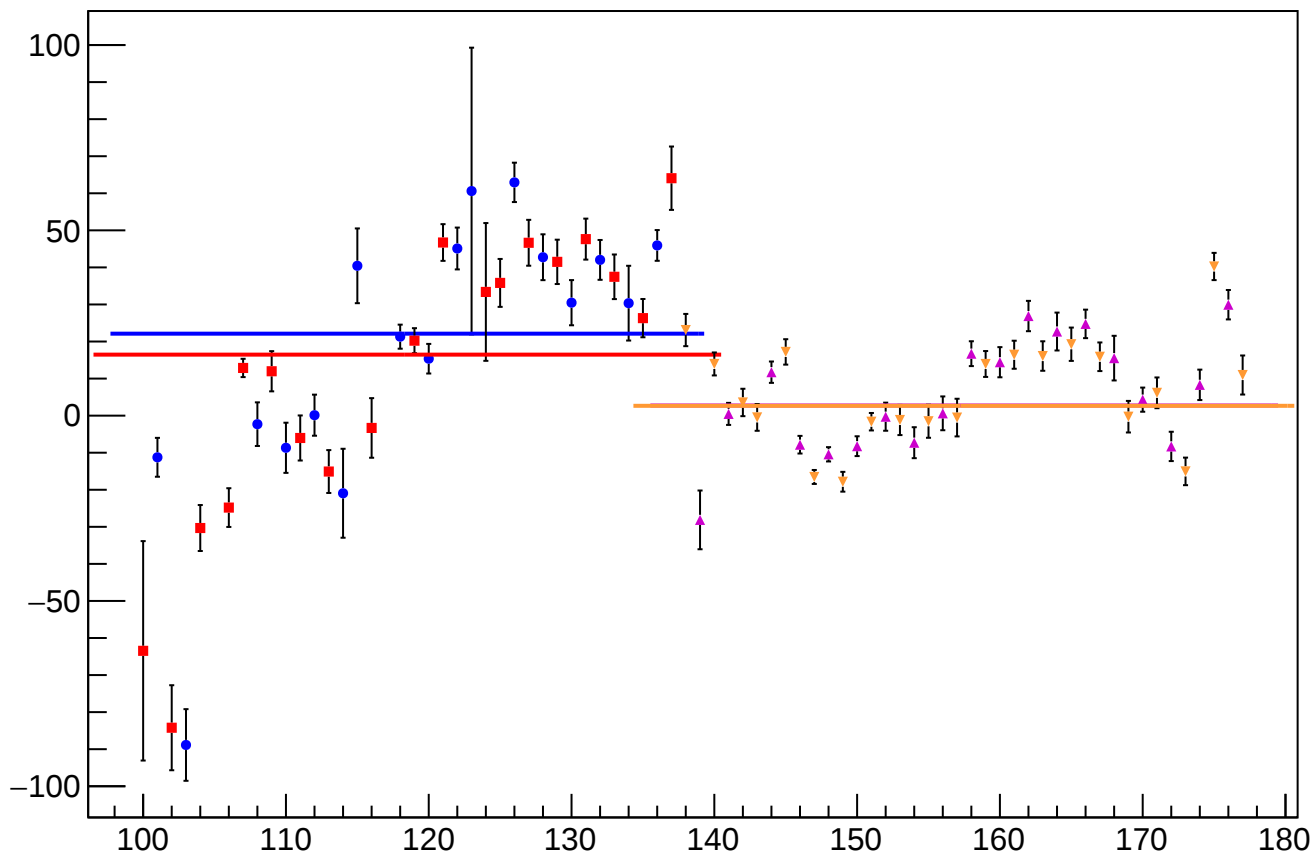
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.111+/-1.086 χ^2/NDF :856.4/18

Out: 200.767+/-1.063 χ^2/NDF :1105.3/20

All: 201.424+/-0.760 χ^2/NDF : 1962.5/39

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: 2.739+/-0.783 χ^2/NDF : 285.0/18

Left: 2.694+/-0.542 χ^2/NDF : 699.0/39

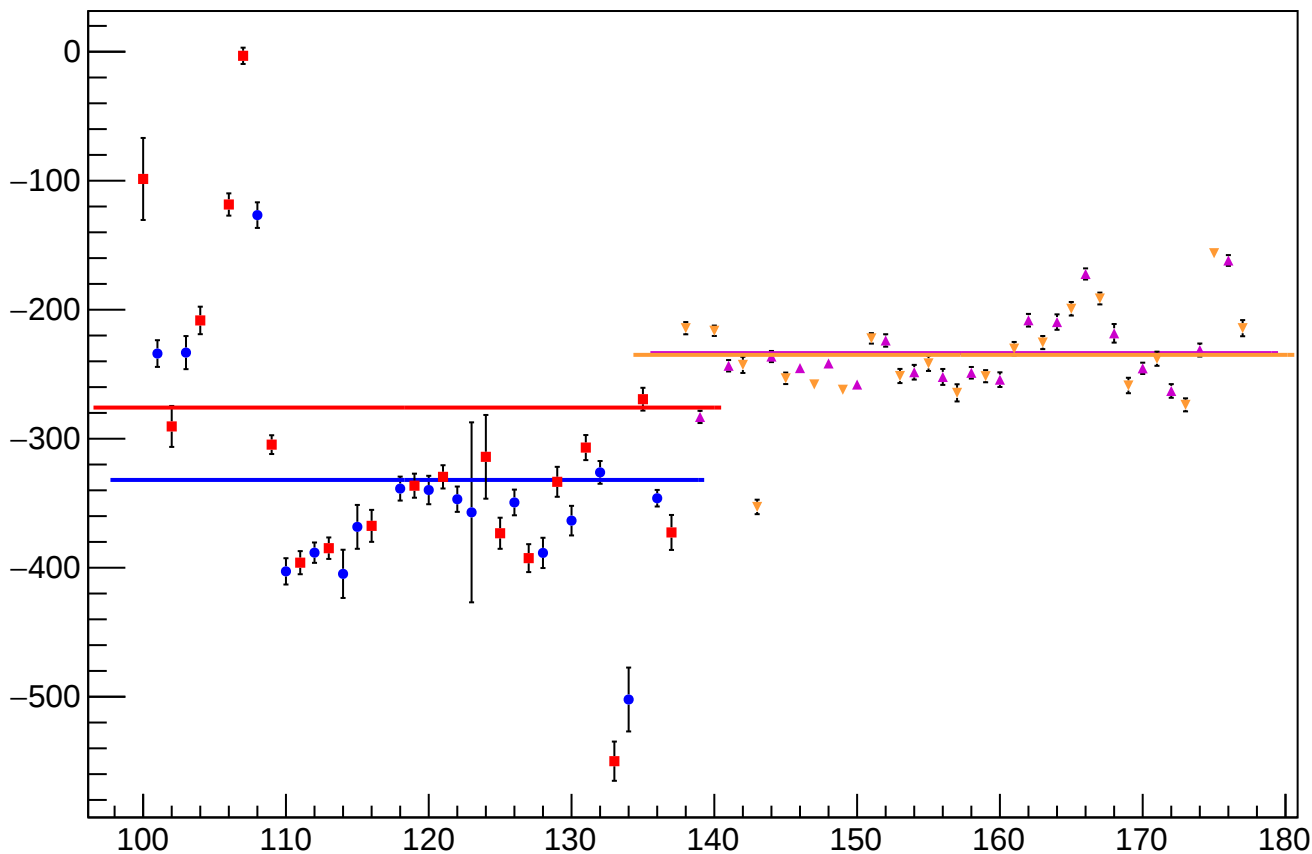
Right: 18.970+/-0.916 χ^2/NDF : 815.5/35

In: 7.473+/-0.680 χ^2/NDF : 816.8/35

Out: 6.416+/-0.641 χ^2/NDF : 930.1/39

All: 6.913+/-0.467 χ^2/NDF : 1748.2/75

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: -233.641 ± 1.074 χ^2/NDF : 798.6/18

Left: -234.328 ± 0.753 χ^2/NDF : 2091.4/39

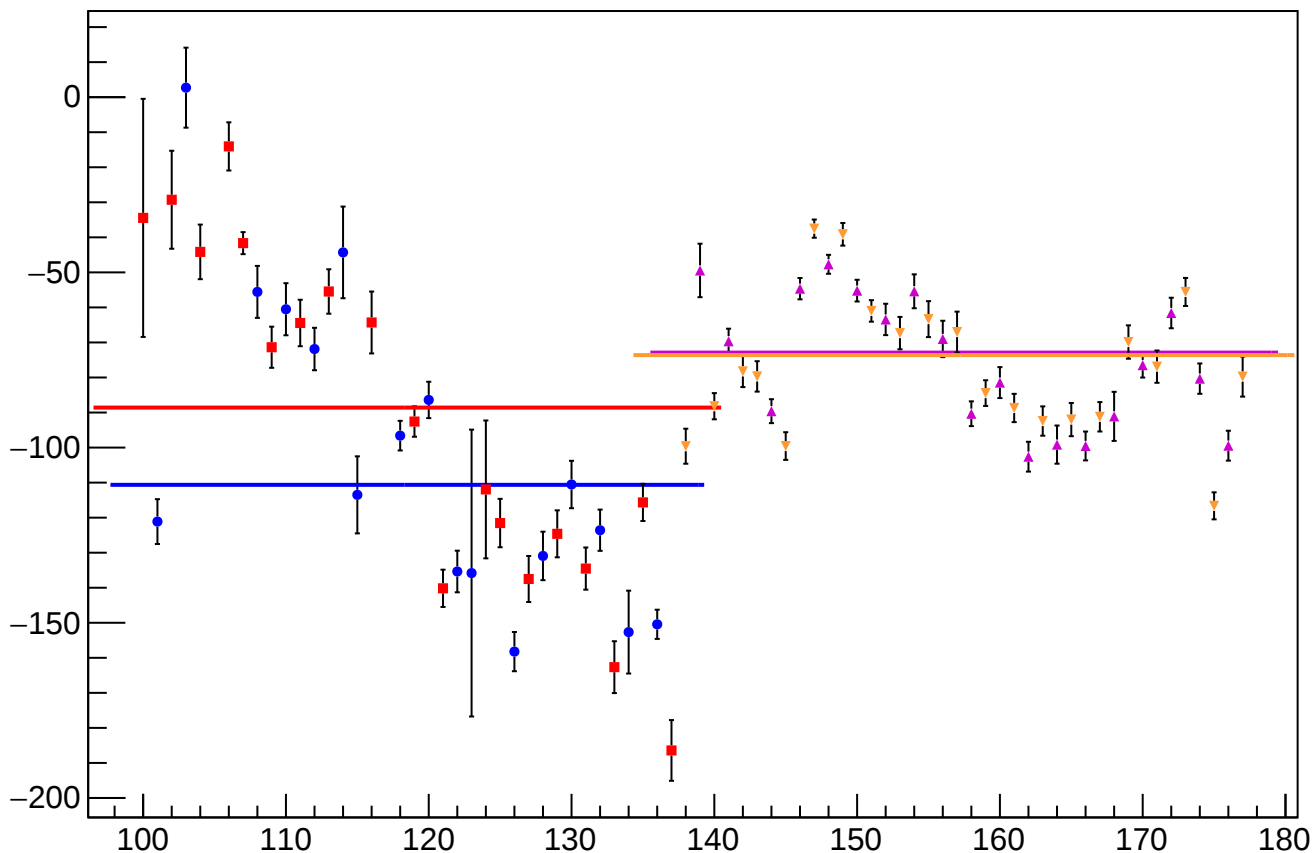
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -248.292 ± 0.991 χ^2/NDF : 2832.1/35

Out: -241.987 ± 0.961 χ^2/NDF : 4910.0/39

All: -245.044 ± 0.690 χ^2/NDF : 7763.0/75

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: -72.896 ± 0.913 χ^2/NDF : 406.2/18

Left: -73.266 ± 0.634 χ^2/NDF : 1049.0/39

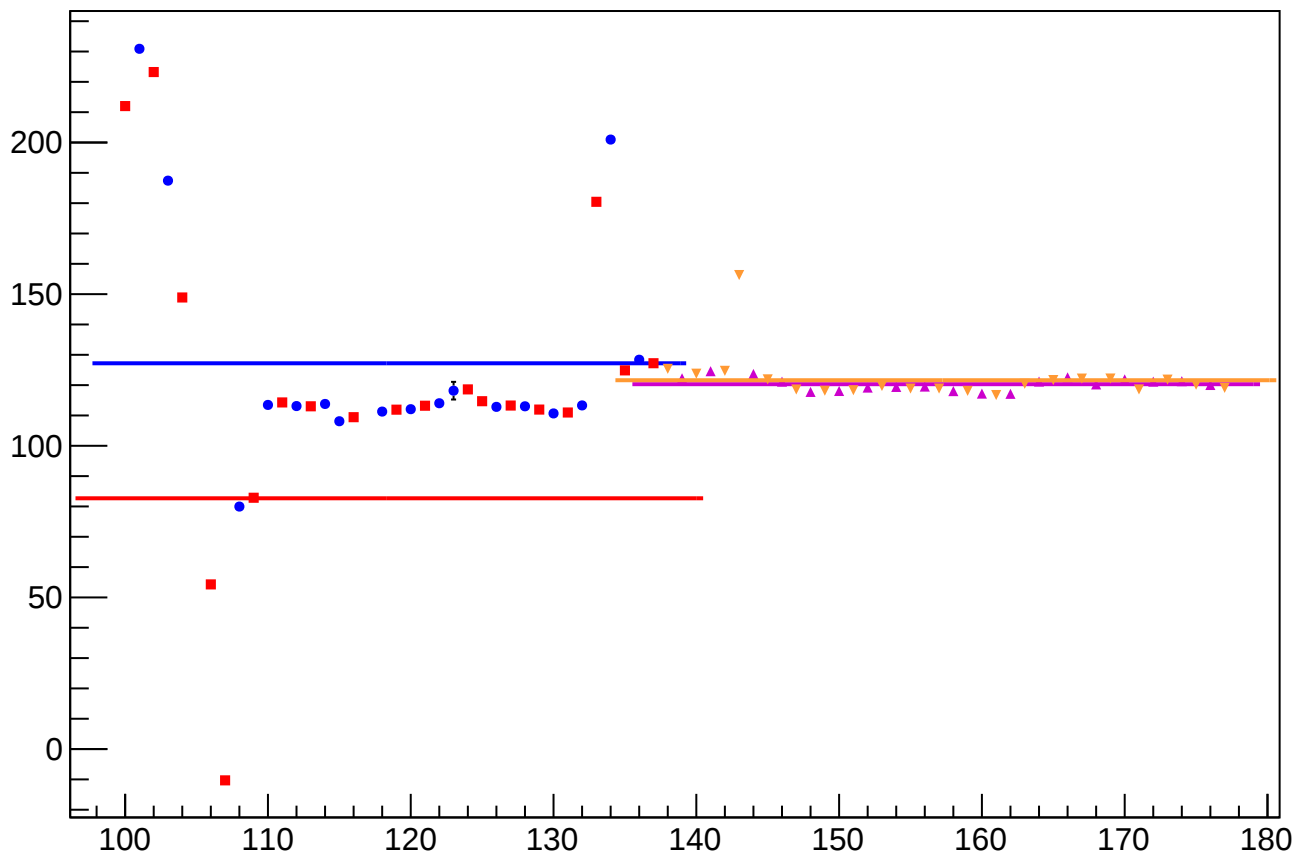
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -82.326 ± 0.790 χ^2/NDF : 1342.4/35

Out: -77.717 ± 0.750 χ^2/NDF : 1688.2/39

All: -79.902 ± 0.544 χ^2/NDF : 3048.5/75

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: 120.313 $\pm$ 0.043 χ^2 /NDF: 2560.7/18

Left: 120.970 $\pm$ 0.030 χ^2 /NDF: 30248.5/39

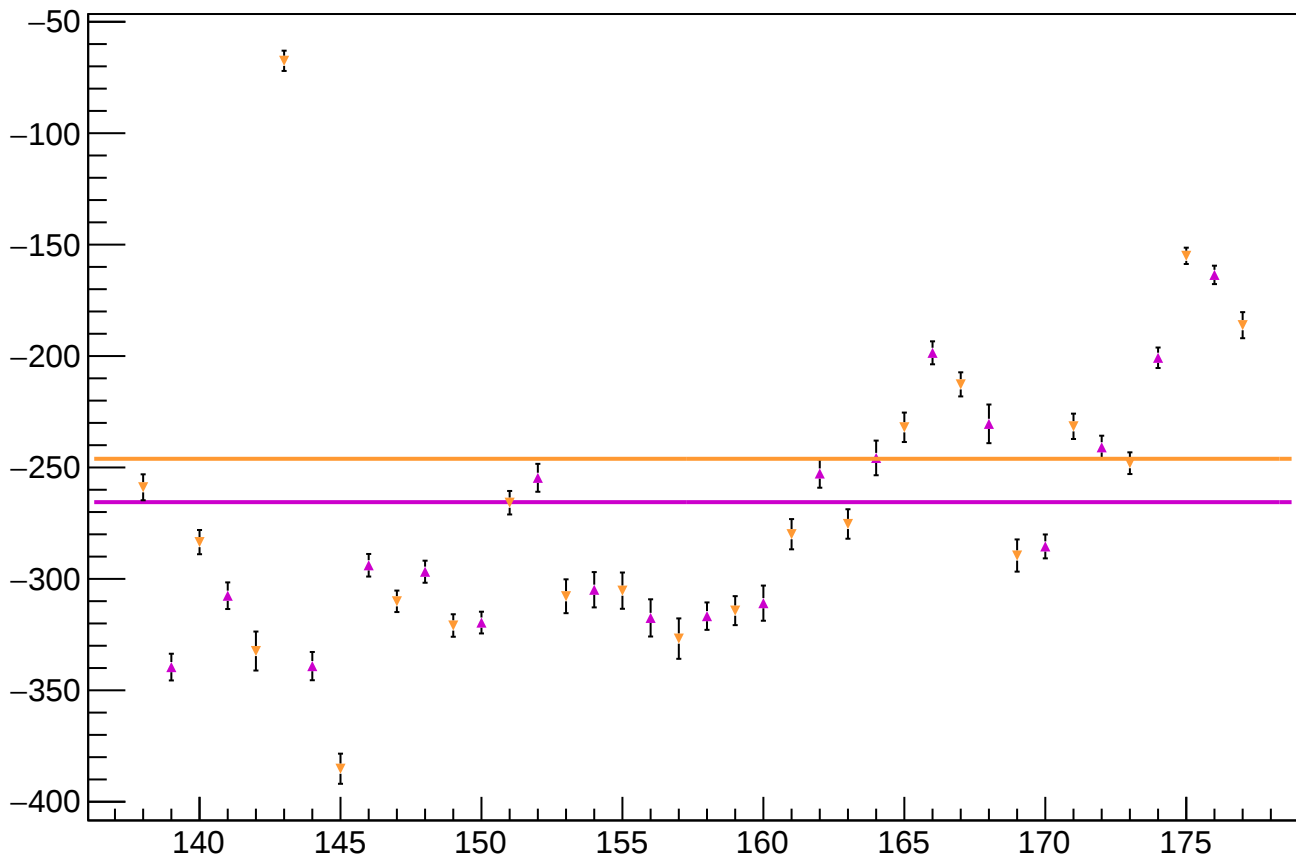
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.598 $\pm$ 0.038 χ^2 /NDF: 195449.8/35

Out: 112.248 $\pm$ 0.037 χ^2 /NDF: 995949.3/39

All: 116.731 $\pm$ 0.027 χ^2 /NDF: 1222124.1/75

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: -265.562+/-1.324 χ^2/NDF :1738.5/18

Left: -255.342+/-0.913 χ^2/NDF : 5535.6/39

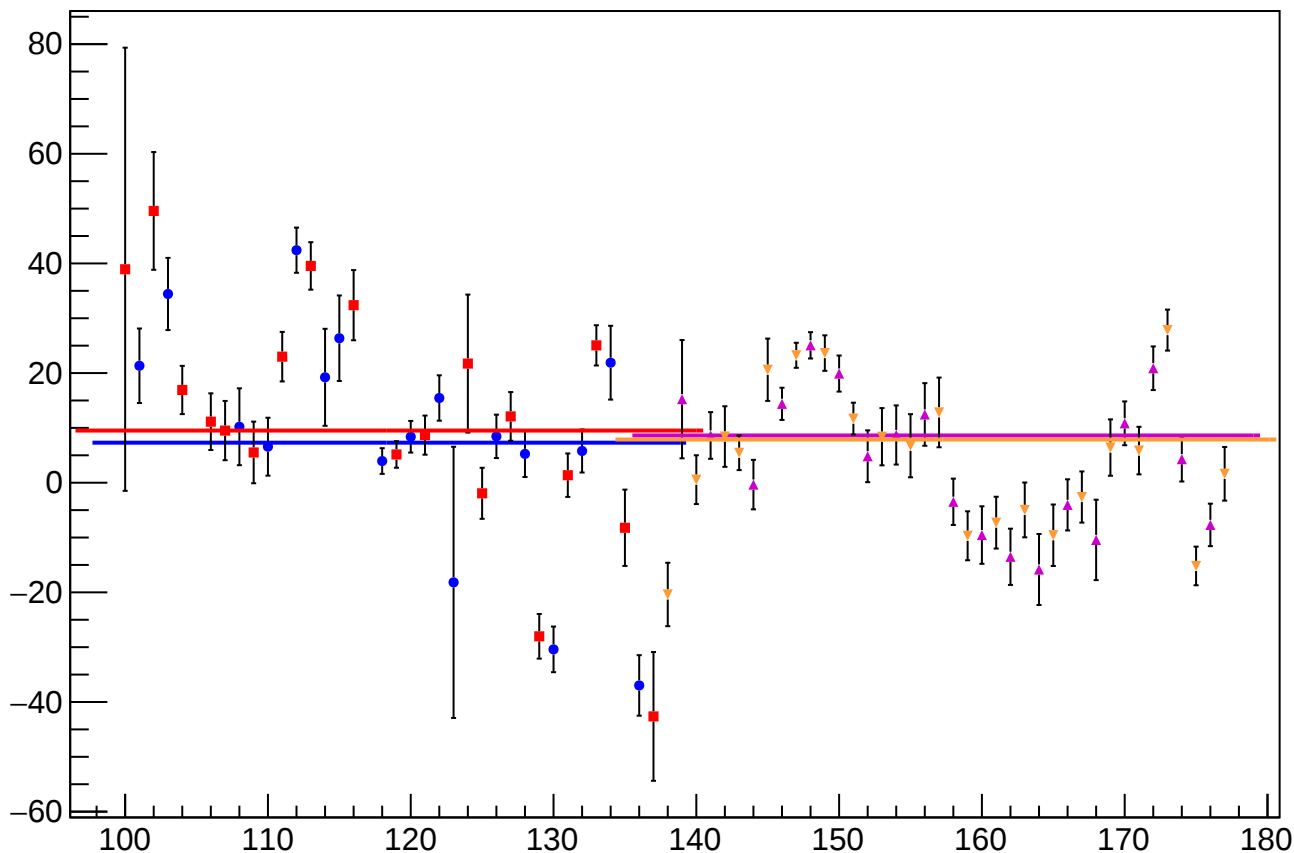
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -265.562+/-1.324 χ^2/NDF :1738.5/18

Out: -246.102+/-1.259 χ^2/NDF :3683.7/20

All: -255.342+/-0.913 χ^2/NDF : 5535.6/39

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 7.879 ± 0.898 $\chi^2/\text{NDF}: 224.0/20$

Right Out: 9.513 ± 1.073 $\chi^2/\text{NDF}: 231.7/18$

Left In: 8.617 ± 0.964 $\chi^2/\text{NDF}: 163.8/18$

Left: 8.222 ± 0.657 $\chi^2/\text{NDF}: 388.1/39$

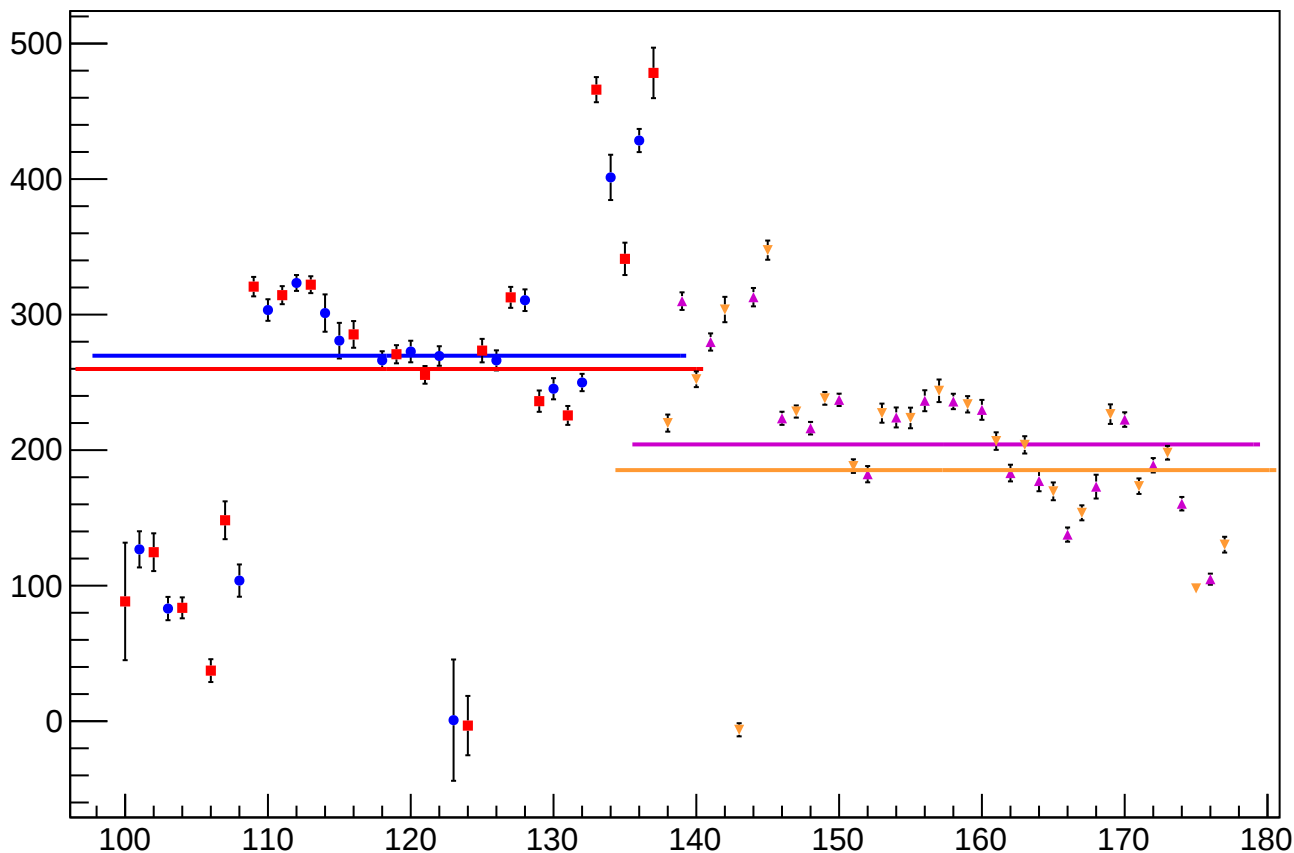
Right: 8.421 ± 0.763 $\chi^2/\text{NDF}: 494.4/35$

In: 8.037 ± 0.721 $\chi^2/\text{NDF}: 425.3/35$

Out: 8.552 ± 0.689 $\chi^2/\text{NDF}: 457.0/39$

All: 8.307 ± 0.498 $\chi^2/\text{NDF}: 882.5/75$

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 ± 2.076 $\chi^2/\text{NDF}: 1376.6/16$

Left Out: 185.256 ± 1.251 $\chi^2/\text{NDF}: 3562.1/20$

Right Out: 259.869 ± 1.977 $\chi^2/\text{NDF}: 2543.7/18$

Left In: 204.212 ± 1.310 $\chi^2/\text{NDF}: 1705.0/18$

Left: 194.299 ± 0.905 $\chi^2/\text{NDF}: 5376.6/39$

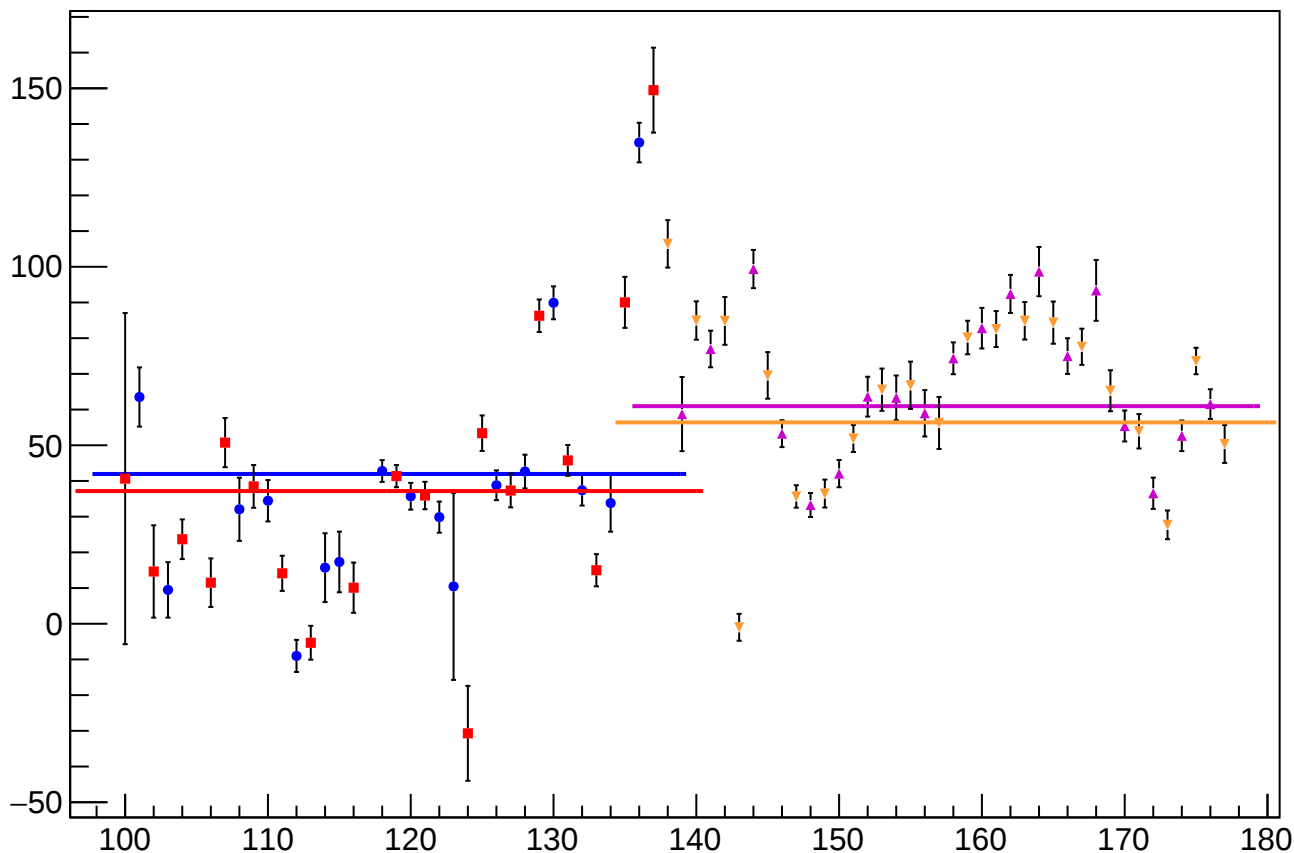
Right: 264.527 ± 1.432 $\chi^2/\text{NDF}: 3931.9/35$

In: 222.846 ± 1.108 $\chi^2/\text{NDF}: 3792.6/35$

Out: 206.592 ± 1.057 $\chi^2/\text{NDF}: 7123.1/39$

All: 214.339 ± 0.765 $\chi^2/\text{NDF}: 11028.3/75$

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: 60.955 $\pm$ 1.118 χ^2 /NDF:305.7/18

Left: 58.532 $\pm$ 0.764 χ^2 /NDF: 927.4/39

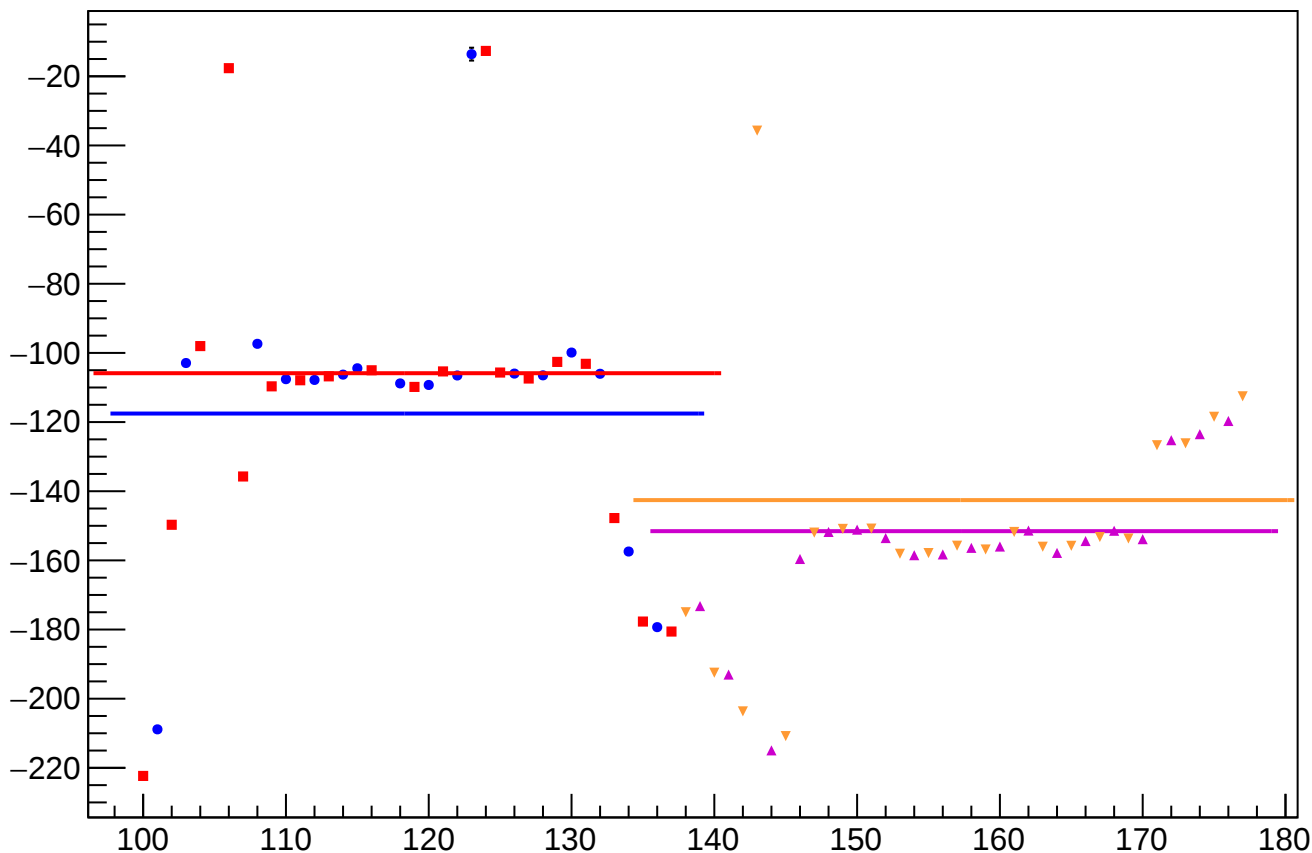
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 52.574 $\pm$ 0.836 χ^2 /NDF:1007.4/35

Out: 48.366 $\pm$ 0.799 χ^2 /NDF:1224.7/39

All: 50.376 $\pm$ 0.577 χ^2 /NDF: 2245.3/75

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -142.568+/-0.050 χ^2/NDF : 521366.4/20

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -151.548+/-0.052 χ^2/NDF : 157226.5/18

Left: -146.917+/-0.036 χ^2/NDF : 693972.3/39

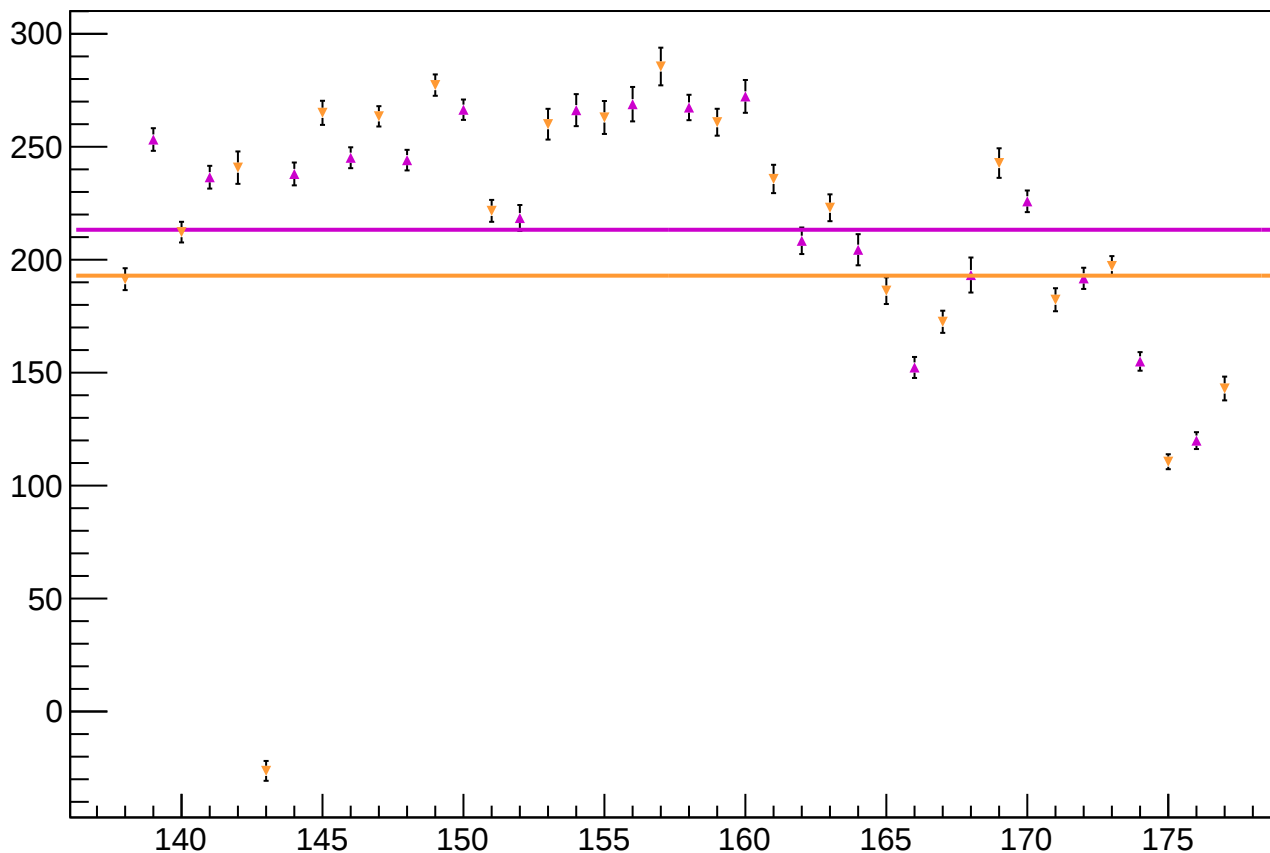
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -141.104+/-0.043 χ^2/NDF : 430629.1/35

Out: -130.673+/-0.041 χ^2/NDF : 1017574.2/39

All: -135.660+/-0.030 χ^2/NDF : 1478505.6/75

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: 213.265+/-1.184 χ^2/NDF :1645.4/18

Left: 202.643+/-0.818 χ^2/NDF : 6436.5/39

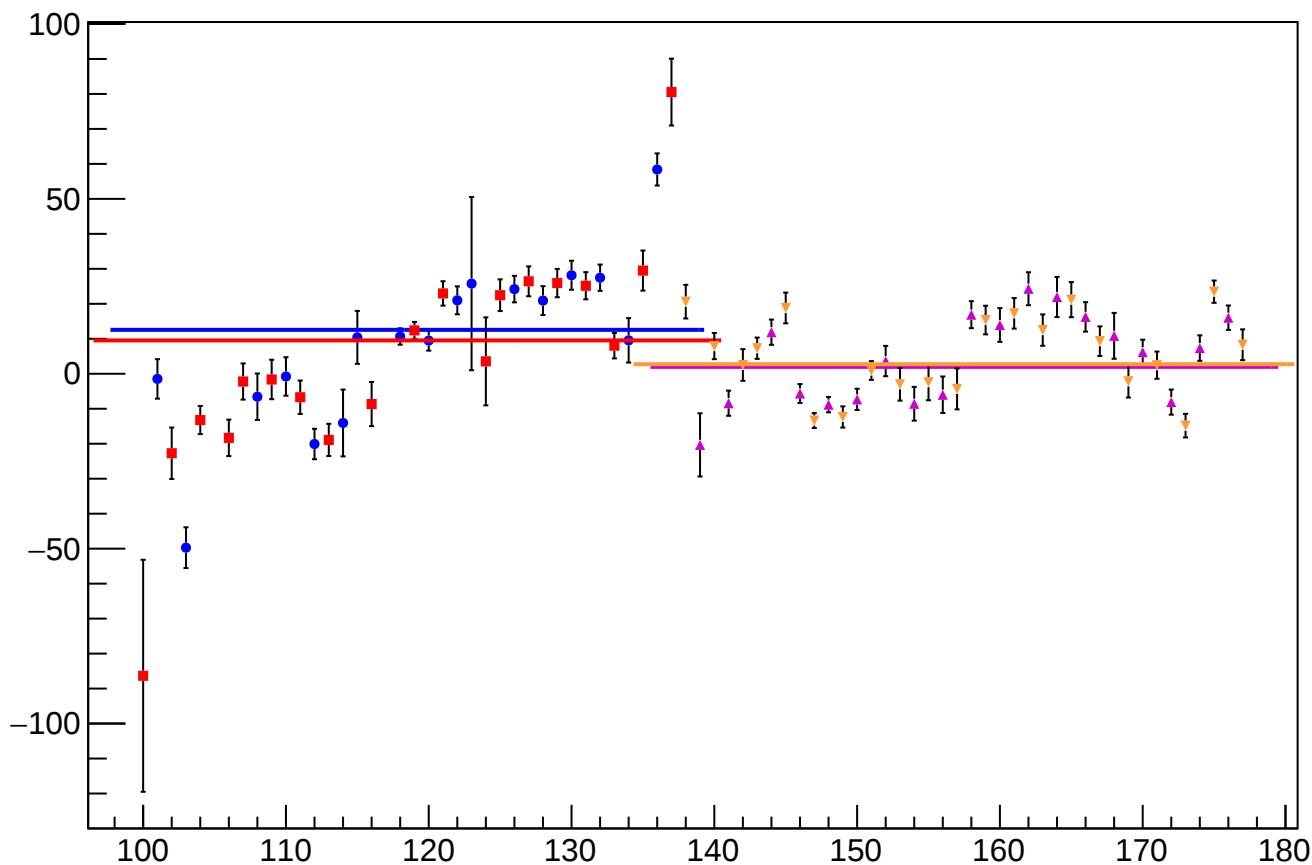
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 213.265+/-1.184 χ^2/NDF :1645.4/18

Out: 192.947+/-1.131 χ^2/NDF :4637.2/20

All: 202.643+/-0.818 χ^2/NDF : 6436.5/39

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: 1.976+/-0.868 χ^2/NDF :167.1/18

Left: 2.378+/-0.593 χ^2/NDF : 398.8/39

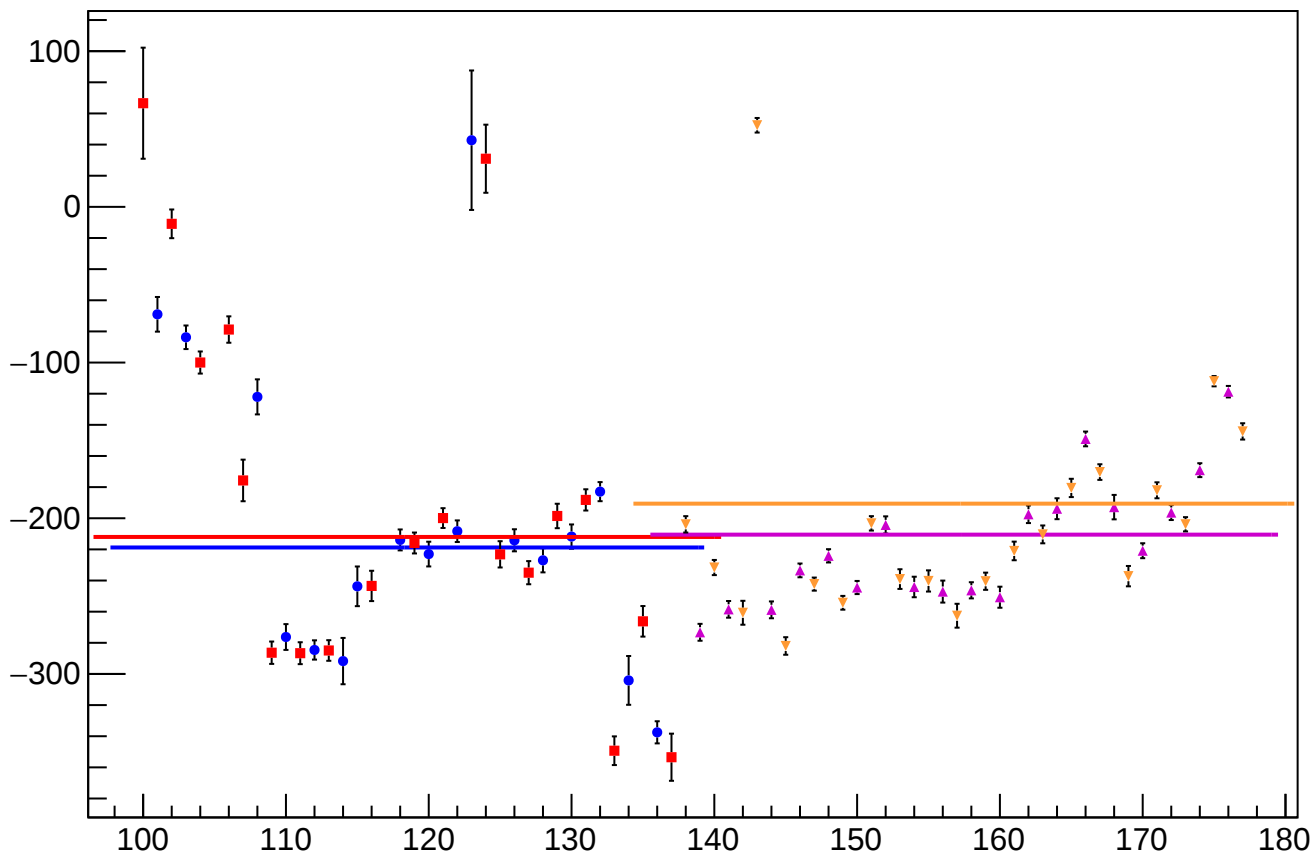
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 6.234+/-0.671 χ^2/NDF :575.5/35

Out: 5.286+/-0.643 χ^2/NDF :553.4/39

All: 5.740+/-0.464 χ^2/NDF : 1129.9/75

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: -210.529 ± 1.174 χ^2/NDF : 1435.4/18

Left: -200.163 ± 0.813 χ^2/NDF : 6106.8/39

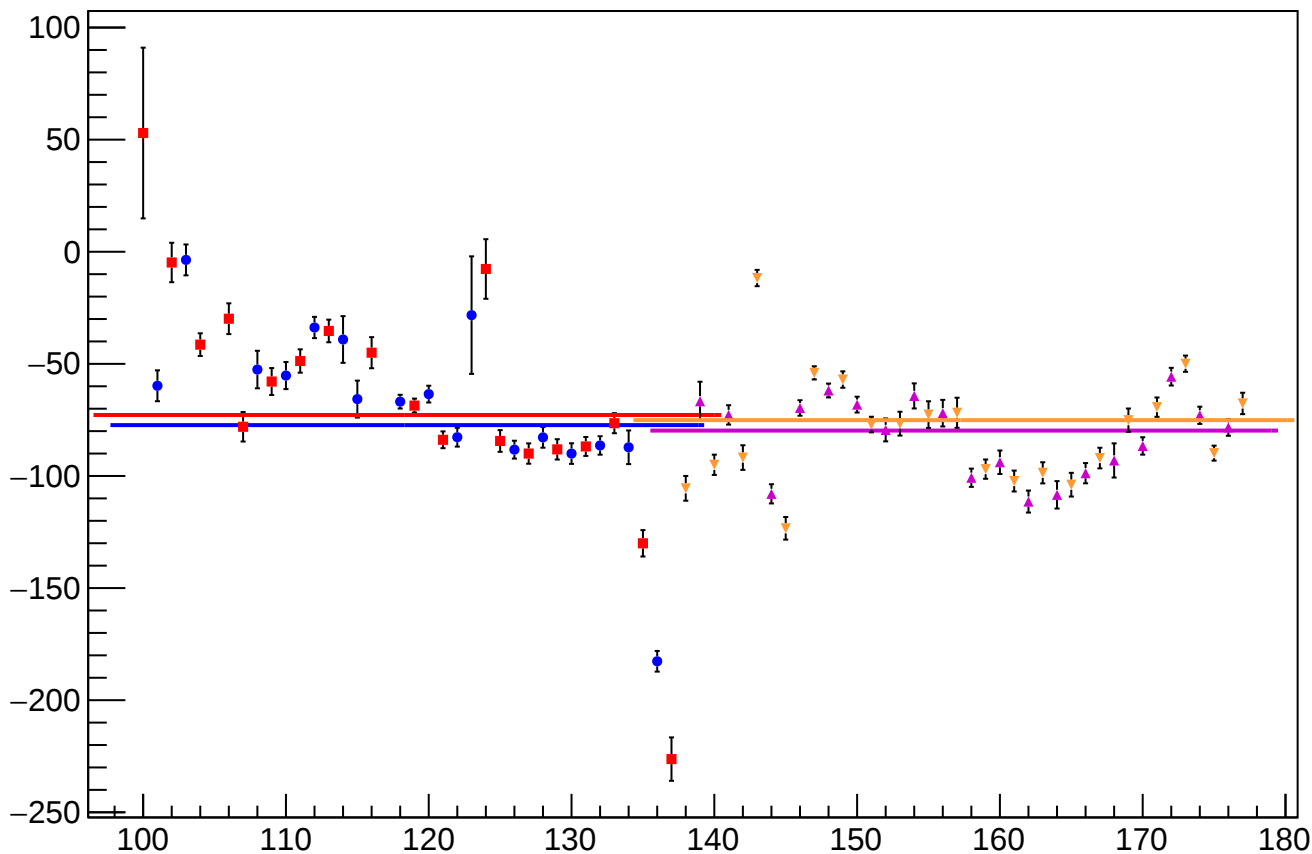
Right: -215.238 ± 1.390 χ^2/NDF : 3036.0/35

In: -212.626 ± 1.014 χ^2/NDF : 2592.3/35

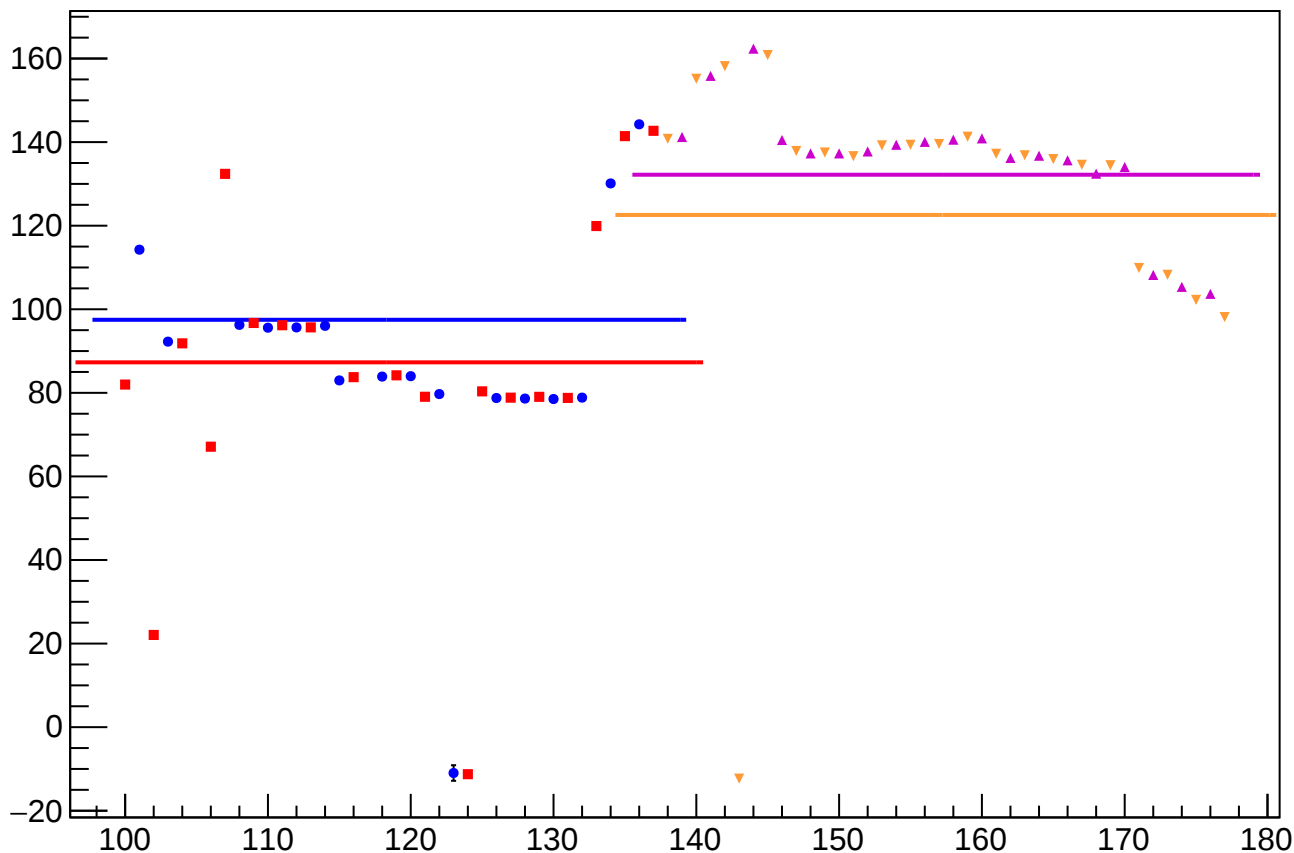
Out: -196.084 ± 0.972 χ^2/NDF : 6499.5/39

All: -204.007 ± 0.702 χ^2/NDF : 9230.4/75

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 132.196+/-0.047 χ^2/NDF : 116529.0/18

Left: 127.251+/-0.032 χ^2/NDF : 826654.6/39

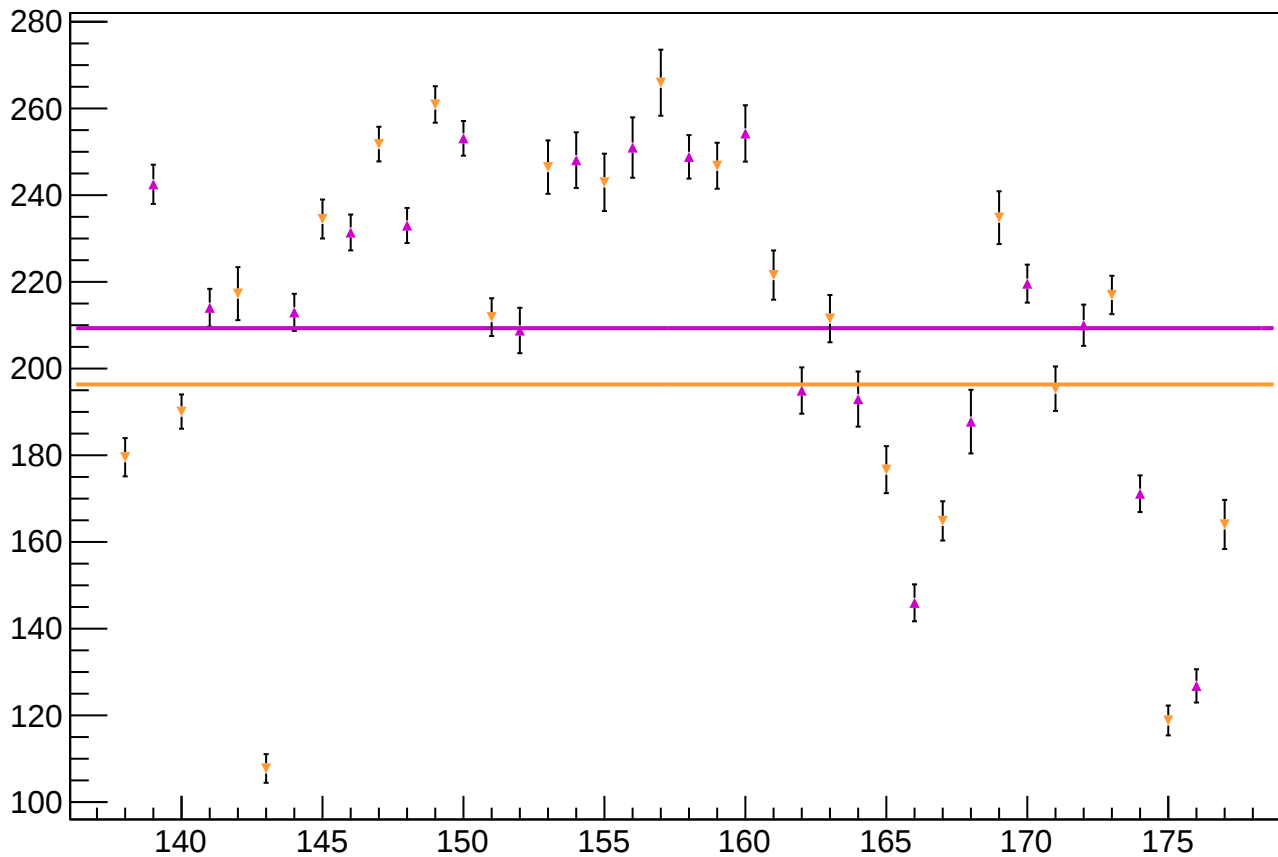
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 122.219+/-0.039 χ^2/NDF : 370447.7/35

Out: 111.759+/-0.038 χ^2/NDF : 1095433.0/39

All: 116.777+/-0.027 χ^2/NDF : 1502679.0/75

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: 209.328+/-1.094 χ^2/NDF :1211.5/18

Left: 202.465+/-0.751 χ^2/NDF : 3525.0/39

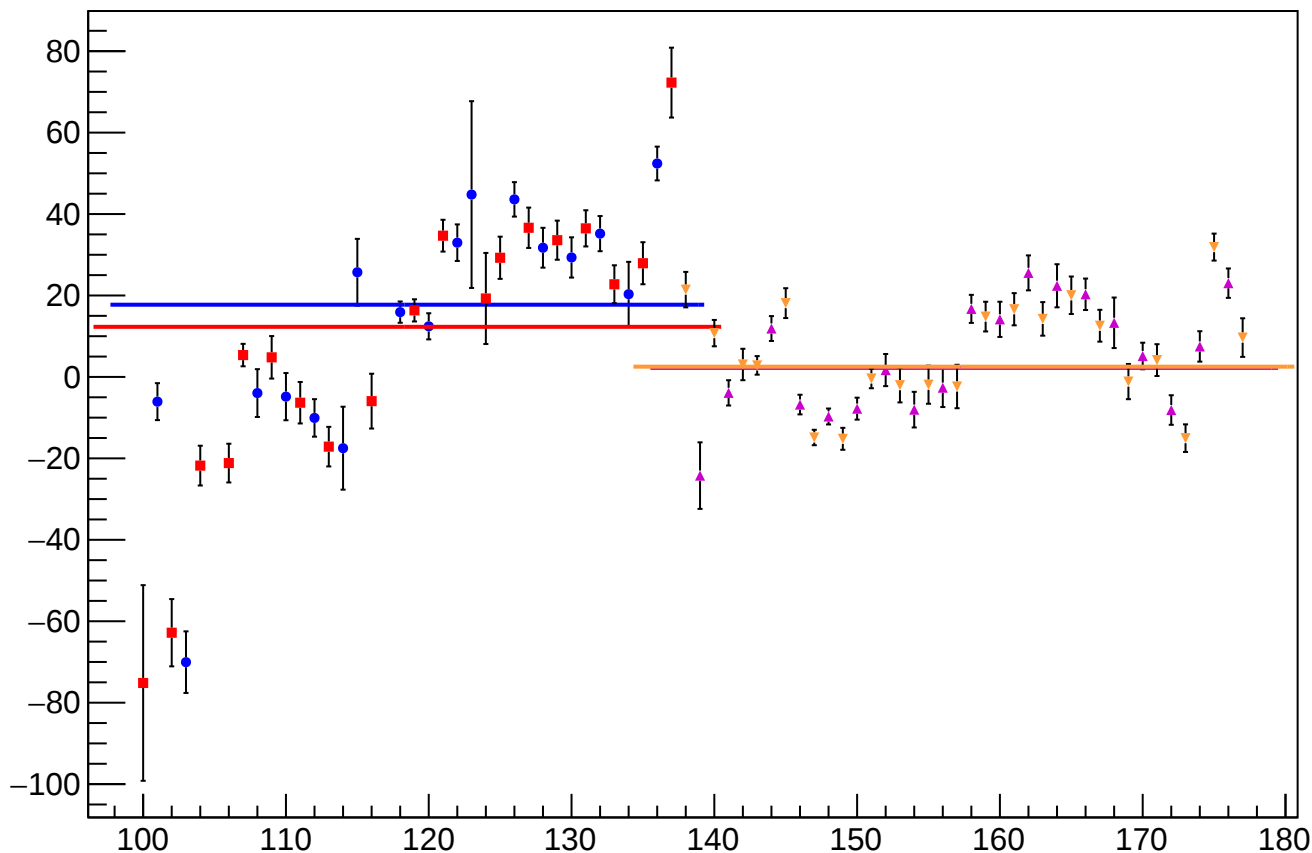
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 209.328+/-1.094 χ^2/NDF :1211.5/18

Out: 196.333+/-1.034 χ^2/NDF :2238.9/20

All: 202.465+/-0.751 χ^2/NDF : 3525.0/39

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737+/-1.149 χ^2/NDF : 394.0/16

Left Out: 2.521+/-0.733 χ^2/NDF : 337.4/20

Right Out: 12.306+/-1.084 χ^2/NDF : 442.5/18

Left In: 2.215+/-0.792 χ^2/NDF : 234.4/18

Left: 2.380+/-0.538 χ^2/NDF : 571.9/39

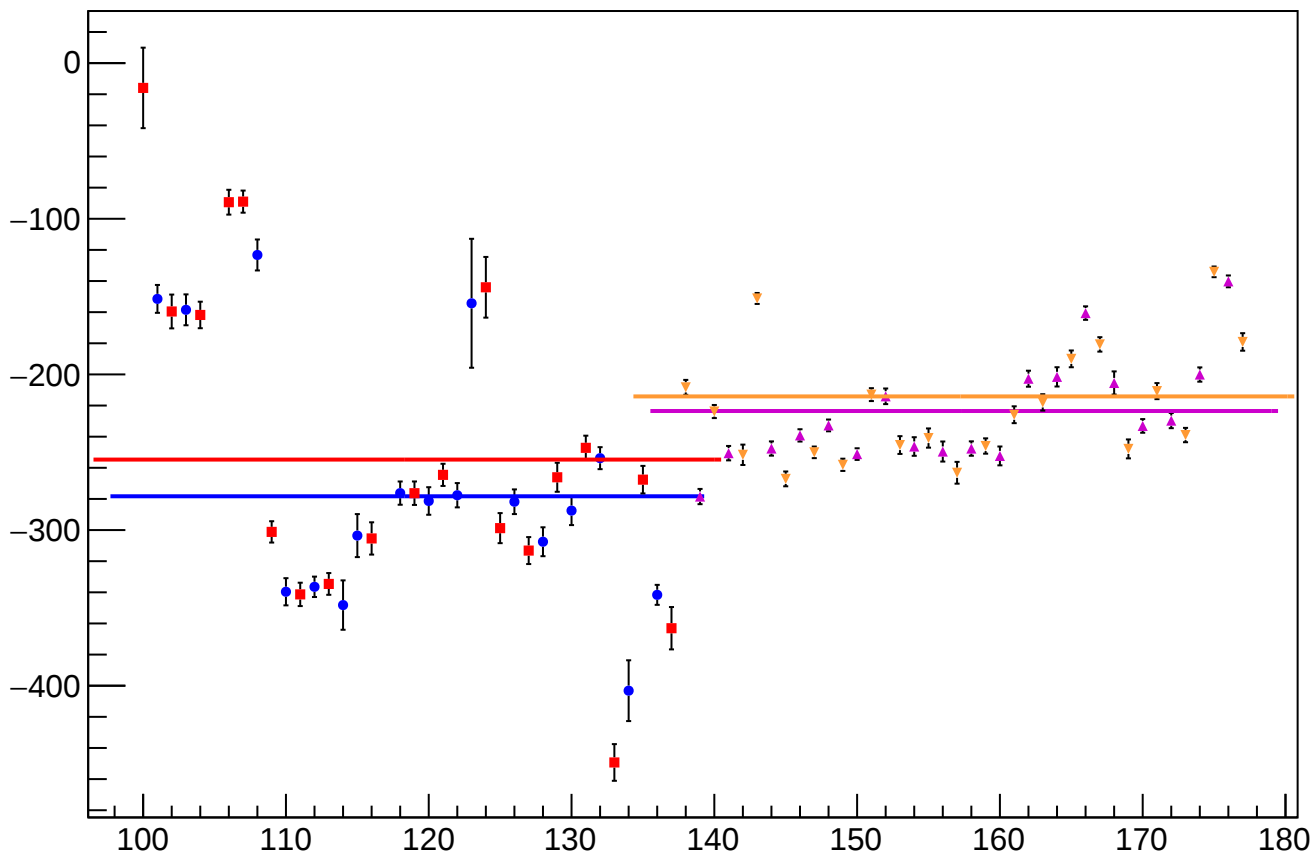
Right: 14.864+/-0.788 χ^2/NDF : 848.3/35

In: 7.214+/-0.652 χ^2/NDF : 752.2/35

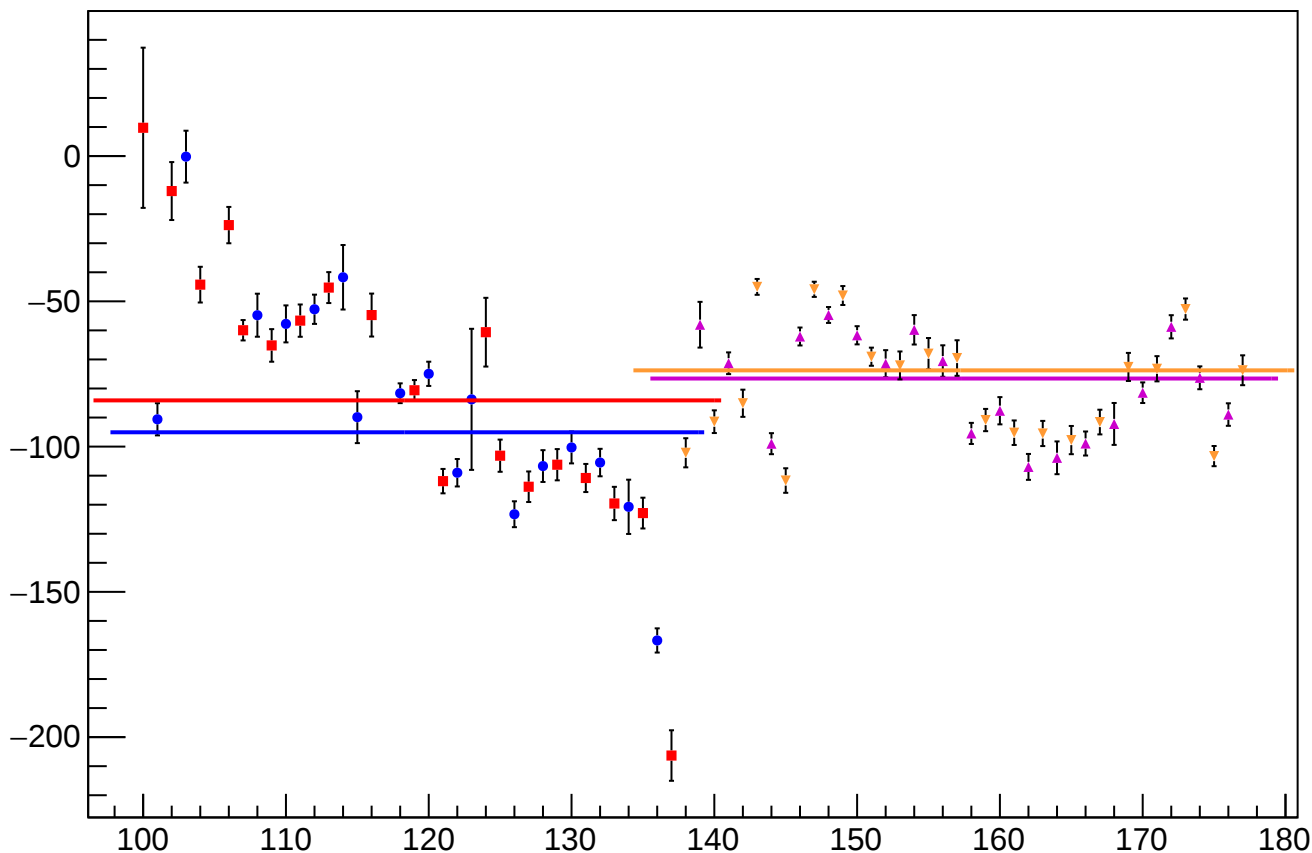
Out: 5.590+/-0.607 χ^2/NDF : 835.7/39

All: 6.345+/-0.444 χ^2/NDF : 1591.3/75

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -76.572 ± 0.922 χ^2/NDF : 336.1/18

Left: -75.066 ± 0.628 χ^2/NDF : 990.0/39

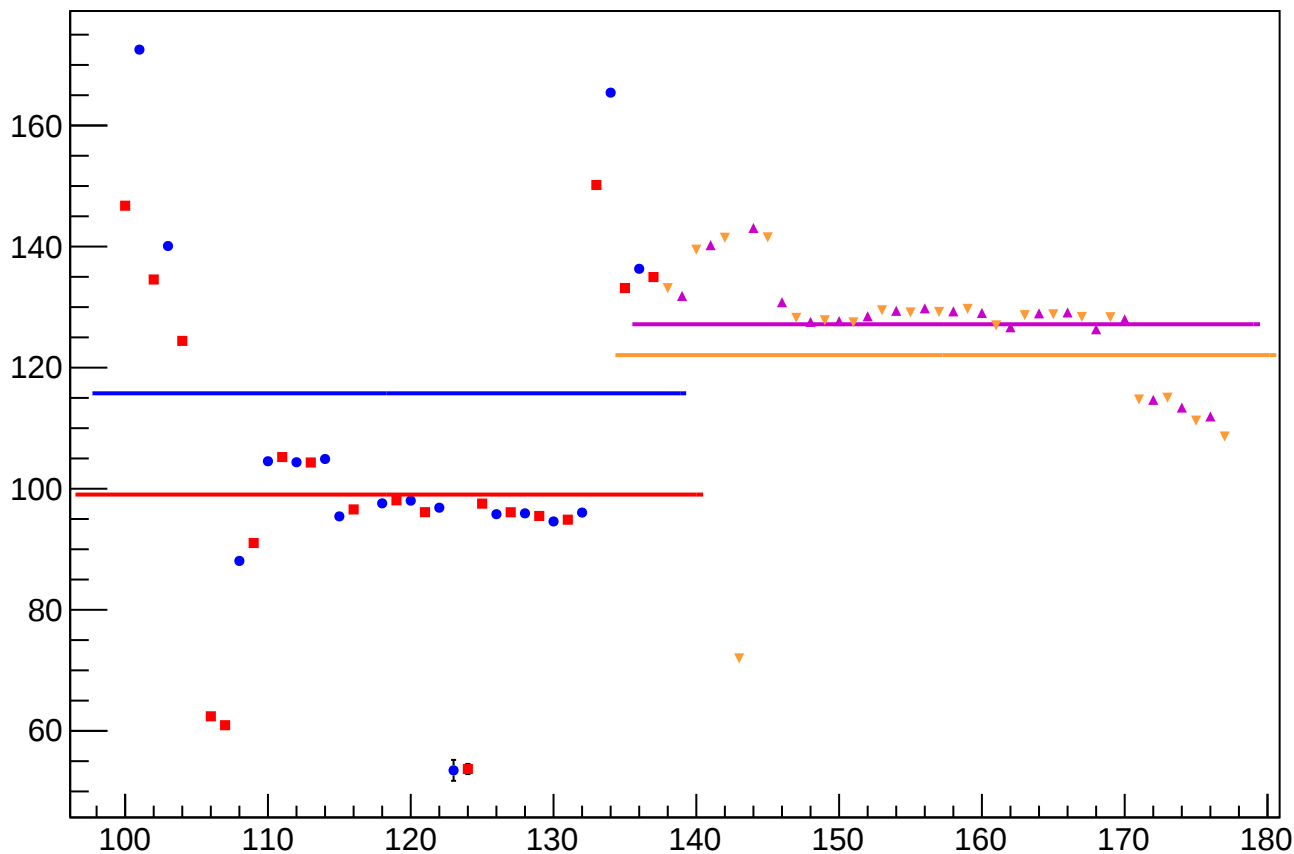
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -82.603 ± 0.757 χ^2/NDF : 1140.7/35

Out: -77.048 ± 0.709 χ^2/NDF : 1475.4/39

All: -79.645 ± 0.517 χ^2/NDF : 2644.8/75

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 124.527 +/- 0.030 χ^2/NDF : 217381.5/39

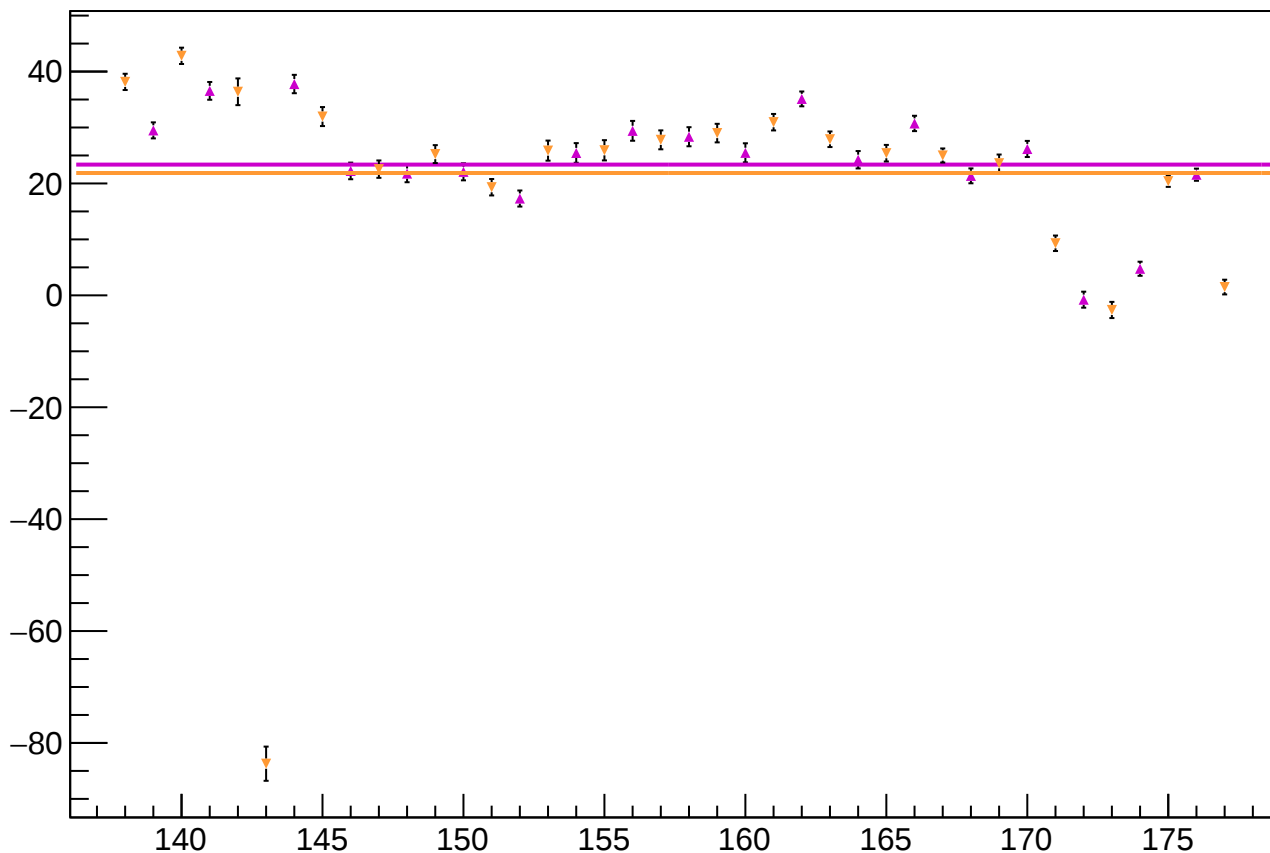
Right: 106.308 +/- 0.051 χ^2/NDF : 305708.8/35

In: 124.509 +/- 0.038 χ^2/NDF : 155393.3/35

Out: 115.882 +/- 0.035 χ^2/NDF : 433613.5/39

All: 119.936 +/- 0.026 χ^2/NDF : 616762.3/75

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 21.868 $\pm$ 0.330 χ^2 /NDF:2327.5/20

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

Left In: 23.369 $\pm$ 0.335 χ^2 /NDF:827.5/18

Left: 22.606 $\pm$ 0.235 χ^2 /NDF: 3165.1/39

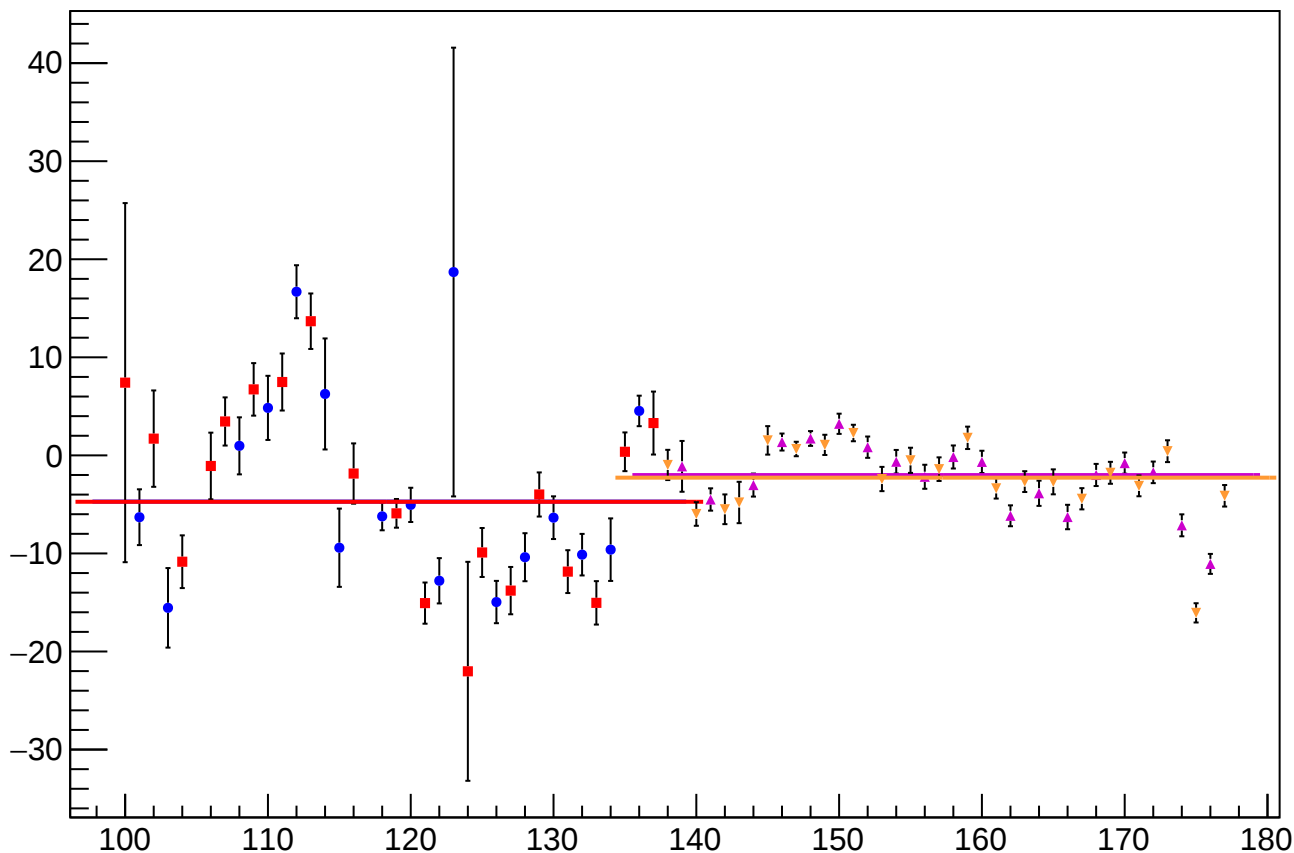
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 23.369 $\pm$ 0.335 χ^2 /NDF:827.5/18

Out: 21.868 $\pm$ 0.330 χ^2 /NDF:2327.5/20

All: 22.606 $\pm$ 0.235 χ^2 /NDF: 3165.1/39

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: -2.009 ± 0.252 χ^2/NDF : 213.5/18

Left: -2.145 ± 0.175 χ^2/NDF : 519.9/39

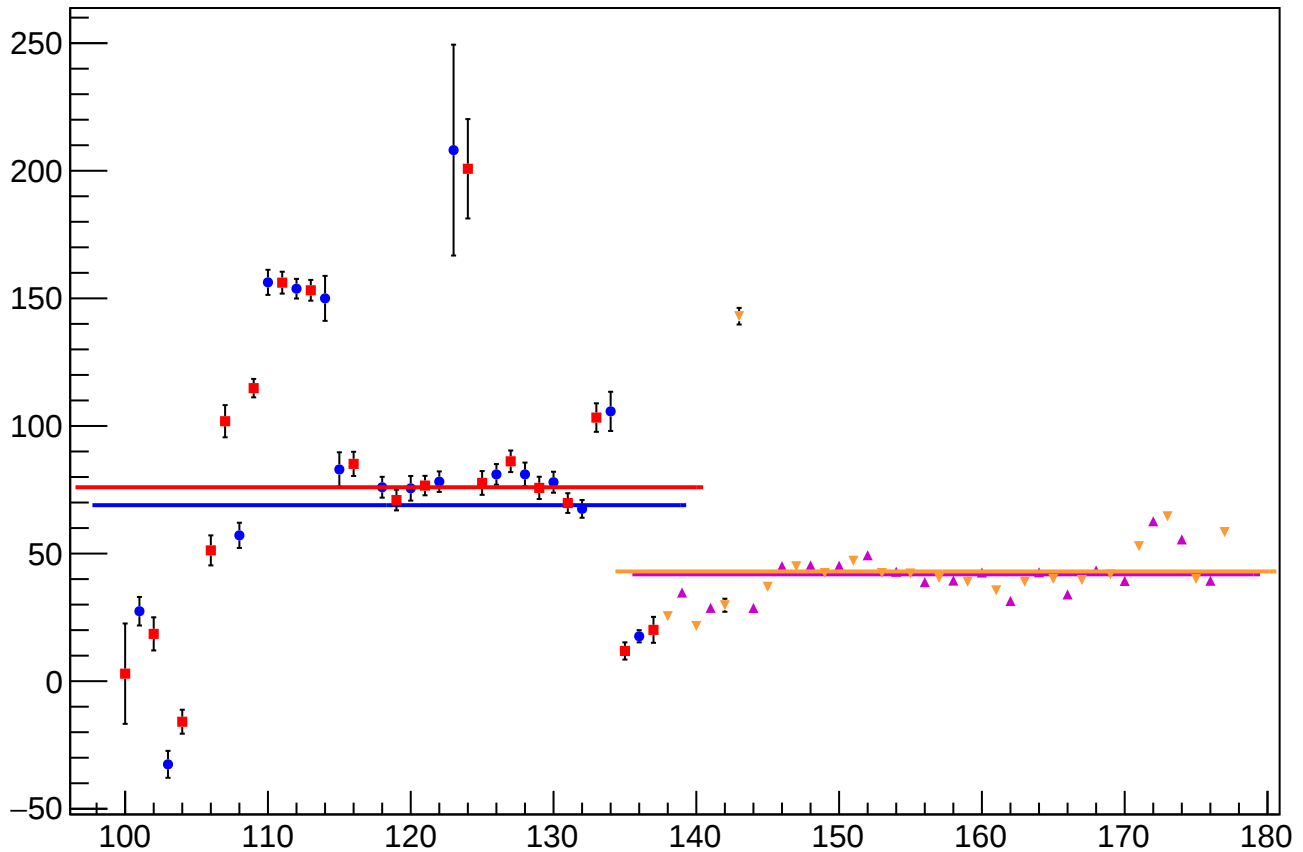
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -2.437 ± 0.231 χ^2/NDF : 406.4/35

Out: -2.637 ± 0.225 χ^2/NDF : 510.7/39

All: -2.540 ± 0.161 χ^2/NDF : 917.5/75

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 42.998 ± 0.326 $\chi^2/\text{NDF}: 1766.0/20$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 41.864 ± 0.332 $\chi^2/\text{NDF}: 602.4/18$

Left: 42.441 ± 0.233 $\chi^2/\text{NDF}: 2374.4/39$

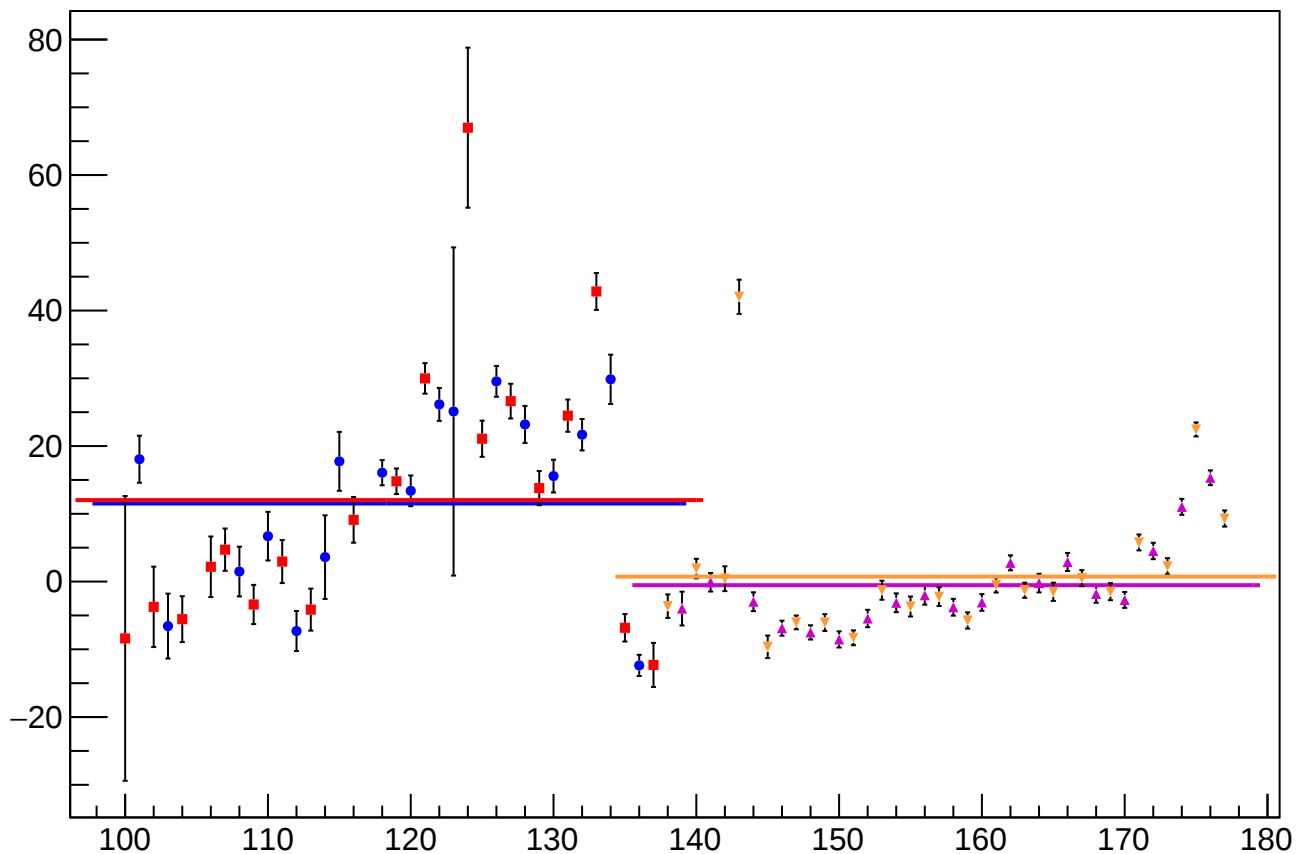
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 44.204 ± 0.317 $\chi^2/\text{NDF}: 3022.7/35$

Out: 45.805 ± 0.312 $\chi^2/\text{NDF}: 4531.2/39$

All: 45.017 ± 0.222 $\chi^2/\text{NDF}: 7566.8/75$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: 0.734+/-0.279 χ^2/NDF : 1029.8/20

Right Out: 12.026+/-0.664 χ^2/NDF : 539.7/18

Left In: -0.535+/-0.288 χ^2/NDF : 501.2/18

Left: 0.120+/-0.200 χ^2/NDF : 1541.0/39

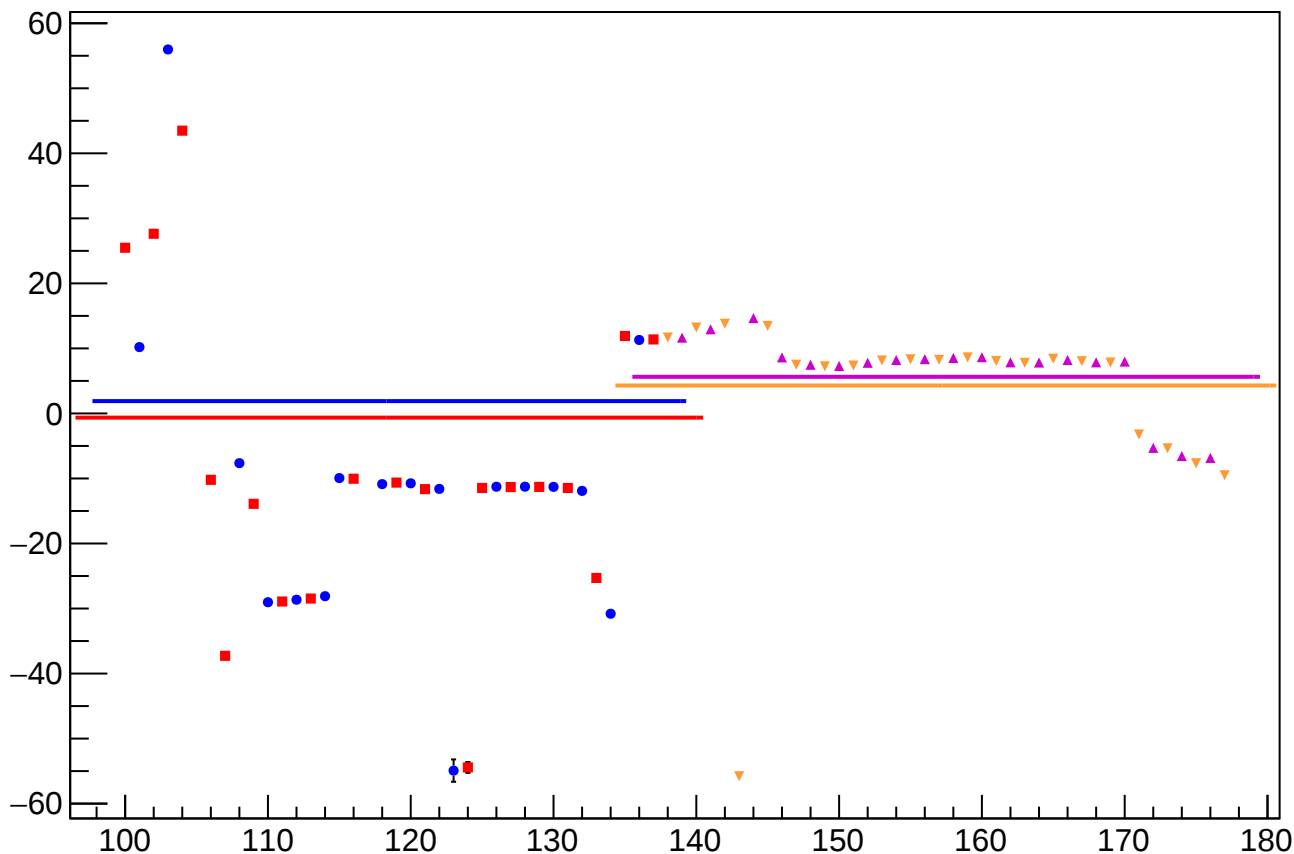
Right: 11.772+/-0.468 χ^2/NDF : 1017.2/35

In: 1.396+/-0.264 χ^2/NDF : 1258.8/35

Out: 2.426+/-0.257 χ^2/NDF : 1815.1/39

All: 1.925+/-0.184 χ^2/NDF : 3081.8/75

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 4.295 ± 0.013 χ^2/NDF : 506911.7/20

Right Out: -0.644 ± 0.037 χ^2/NDF : 361626.2/18

Left In: 5.633 ± 0.013 χ^2/NDF : 238232.2/18

Left: 4.959 ± 0.009 χ^2/NDF : 750516.3/39

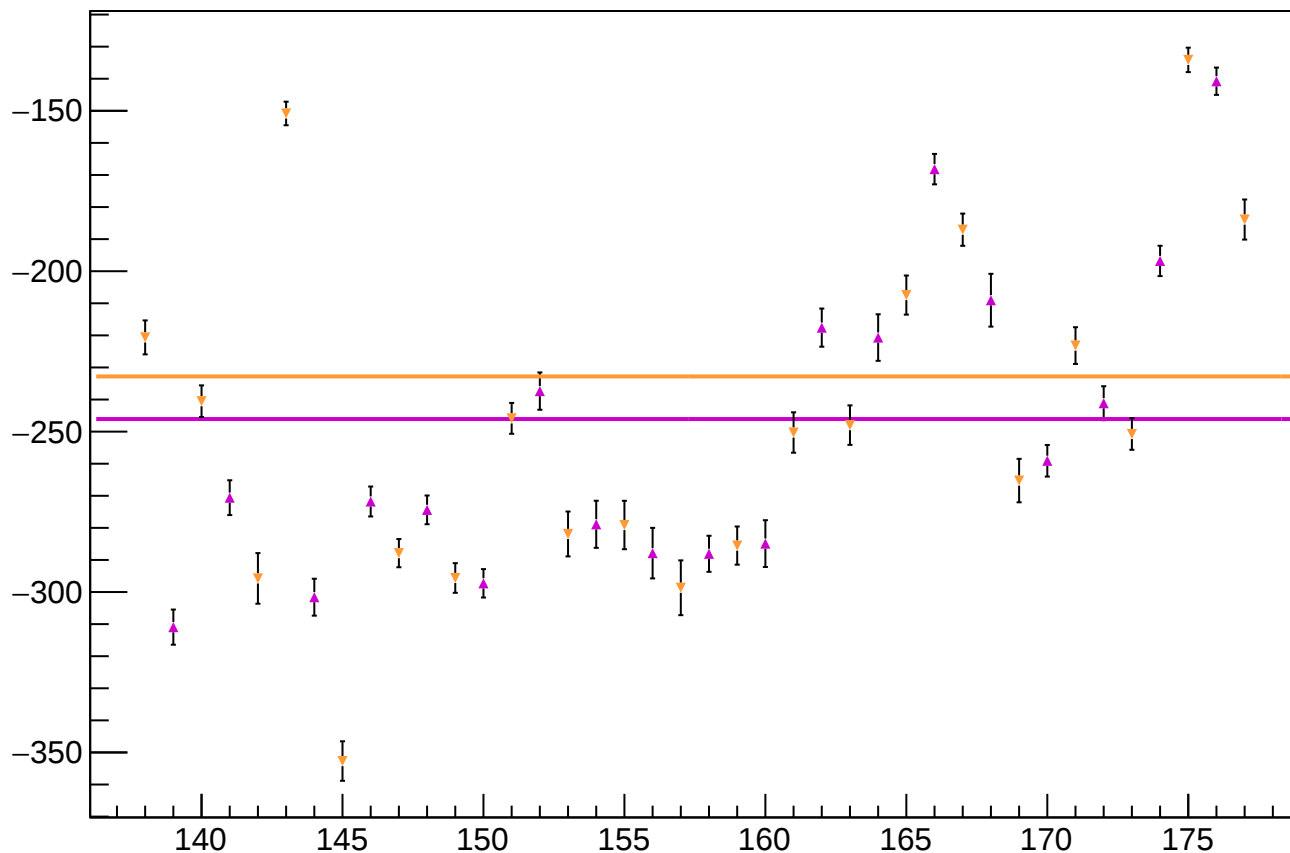
Right: 0.626 ± 0.026 χ^2/NDF : 722831.9/35

In: 5.226 ± 0.012 χ^2/NDF : 606156.3/35

Out: 3.764 ± 0.012 χ^2/NDF : 884395.2/39

All: 4.490 ± 0.009 χ^2/NDF : 1497747.1/75

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -232.802 ± 1.177 $\chi^2/\text{NDF}: 2407.0/20$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -246.075 ± 1.248 $\chi^2/\text{NDF}: 1646.3/18$

Left: -239.054 ± 0.856 $\chi^2/\text{NDF}: 4113.2/39$

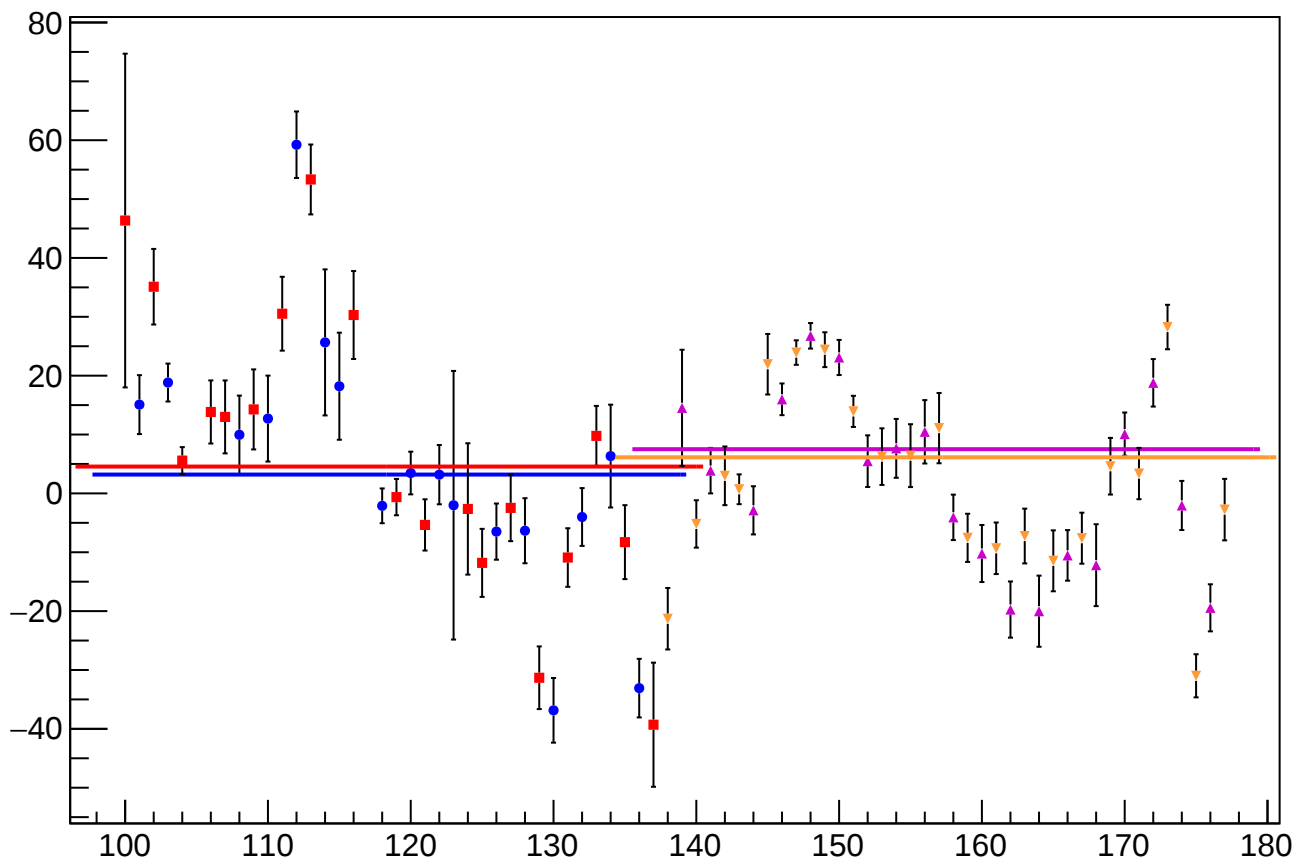
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -246.075 ± 1.248 $\chi^2/\text{NDF}: 1646.3/18$

Out: -232.802 ± 1.177 $\chi^2/\text{NDF}: 2407.0/20$

All: -239.054 ± 0.856 $\chi^2/\text{NDF}: 4113.2/39$

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: 7.510 ± 0.899 χ^2/NDF : 284.6/18

Left: 6.765 ± 0.610 χ^2/NDF : 650.3/39

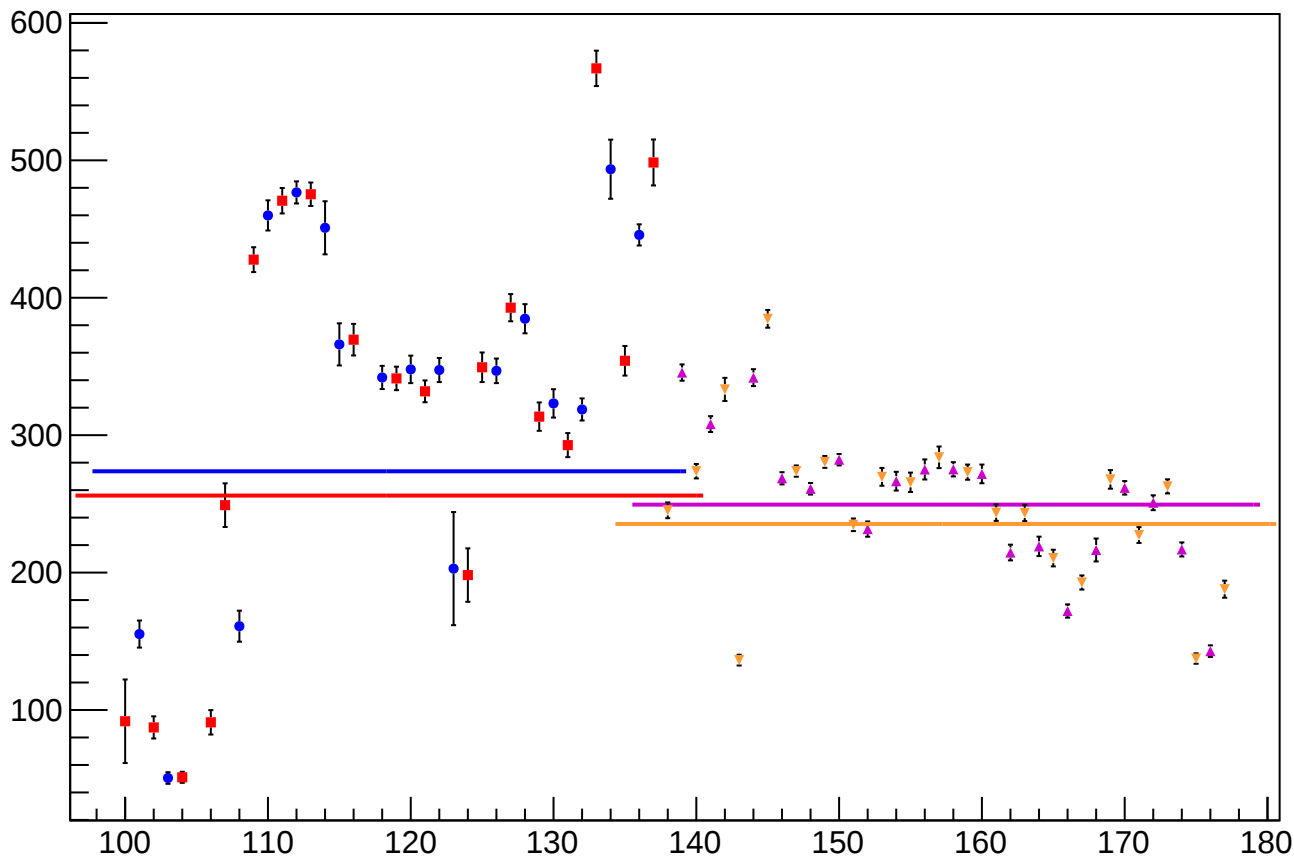
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 6.005 ± 0.725 χ^2/NDF : 547.8/35

Out: 5.597 ± 0.674 χ^2/NDF : 589.6/39

All: 5.786 ± 0.494 χ^2/NDF : 1137.5/75

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: 249.460 $\pm$ 1.232 χ^2 /NDF:1759.5/18

Left: 242.065 $\pm$ 0.849 χ^2 /NDF: 4384.5/39

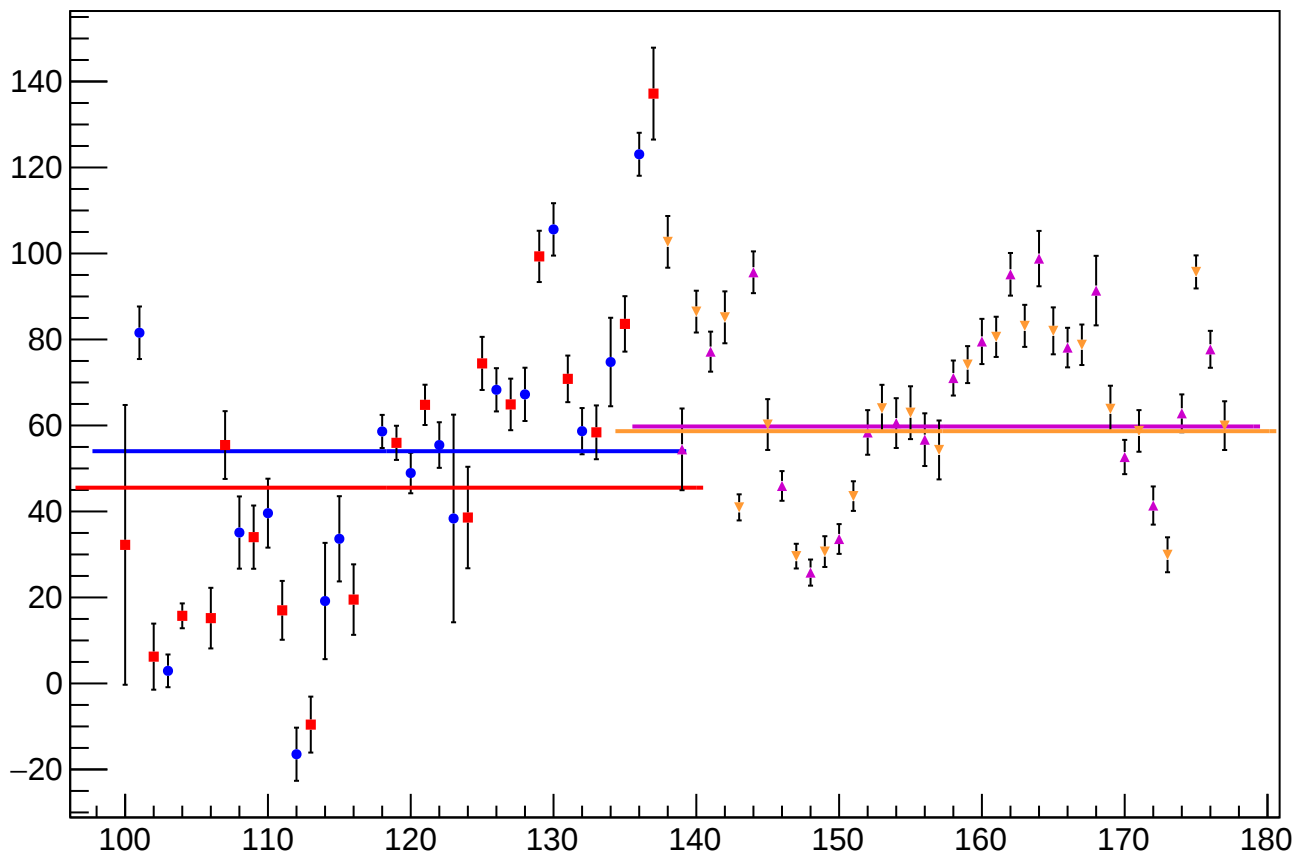
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 255.271 $\pm$ 1.074 χ^2 /NDF:6955.7/35

Out: 240.362 $\pm$ 1.020 χ^2 /NDF:9072.6/39

All: 247.432 $\pm$ 0.740 χ^2 /NDF: 16129.6/75

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: 59.766 $\pm$ 1.047 χ^2 /NDF:446.4/18

Left: 59.178 $\pm$ 0.713 χ^2 /NDF: 1011.8/39

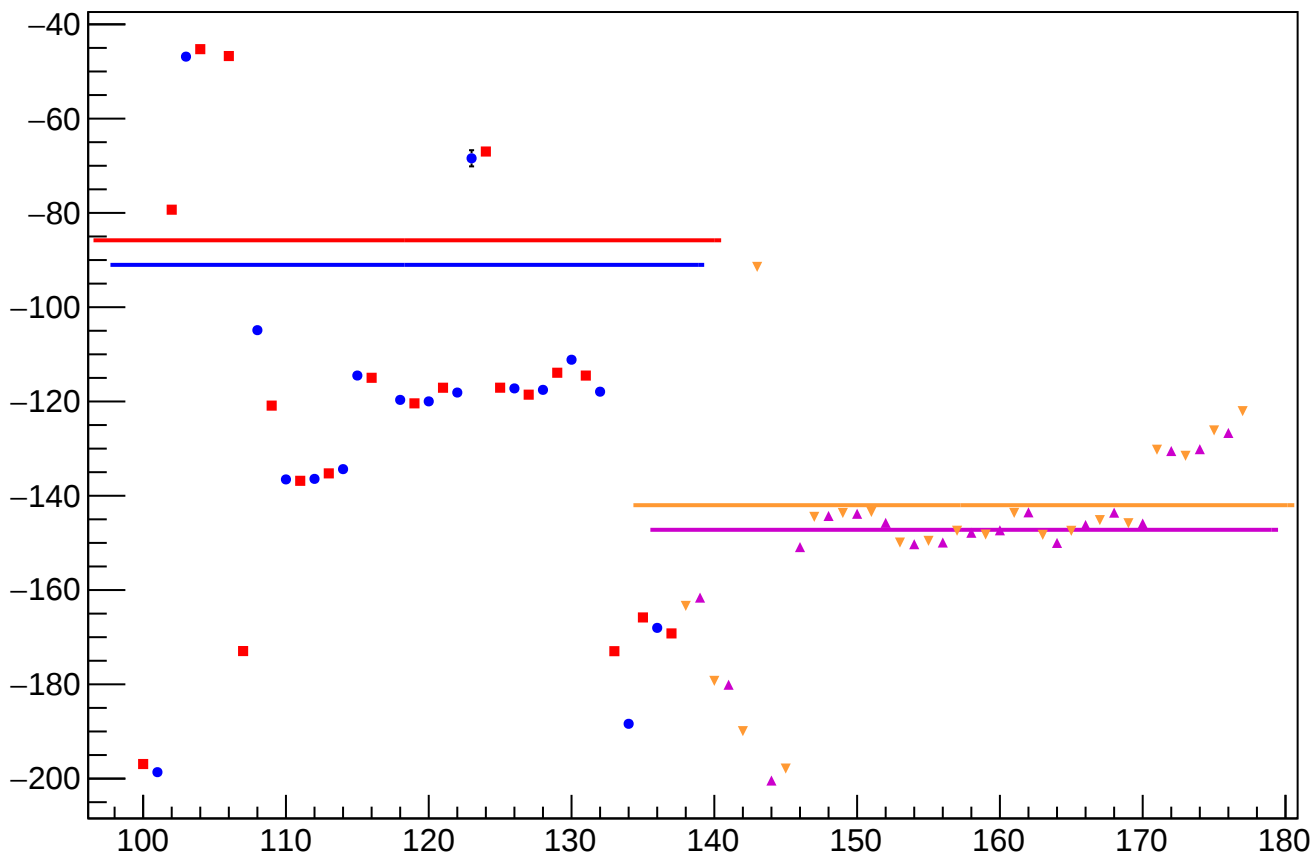
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 57.747 $\pm$ 0.843 χ^2 /NDF:1089.9/35

Out: 54.210 $\pm$ 0.791 χ^2 /NDF:1153.5/39

All: 55.865 $\pm$ 0.577 χ^2 /NDF: 2252.8/75

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -142.001 ± 0.047 $\chi^2/\text{NDF}: 231792.8/20$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -147.221 ± 0.049 $\chi^2/\text{NDF}: 92640.1/18$

Left: -144.513 ± 0.034 $\chi^2/\text{NDF}: 330329.6/39$

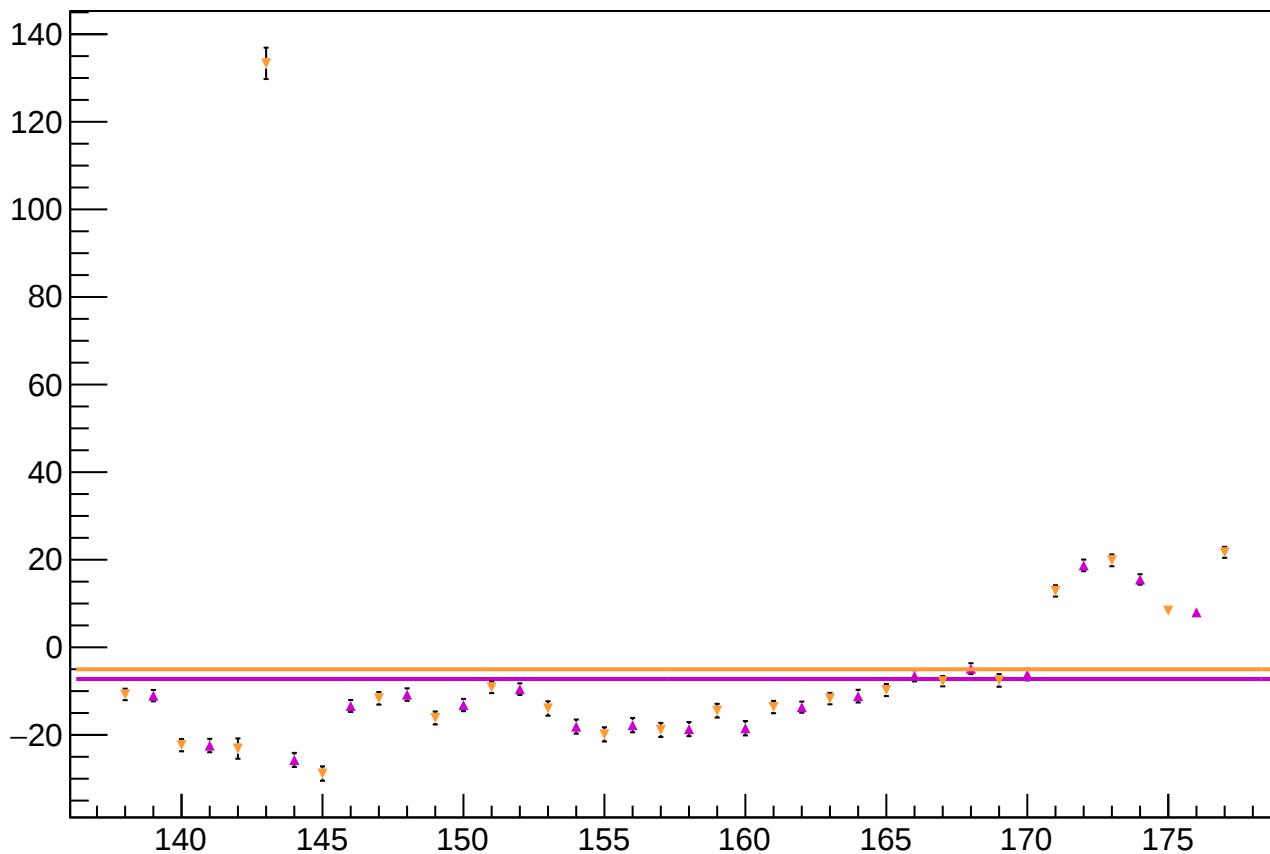
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -127.876 ± 0.040 $\chi^2/\text{NDF}: 1080393.5/35$

Out: -122.627 ± 0.038 $\chi^2/\text{NDF}: 1216986.9/39$

All: -125.152 ± 0.028 $\chi^2/\text{NDF}: 2306475.5/75$

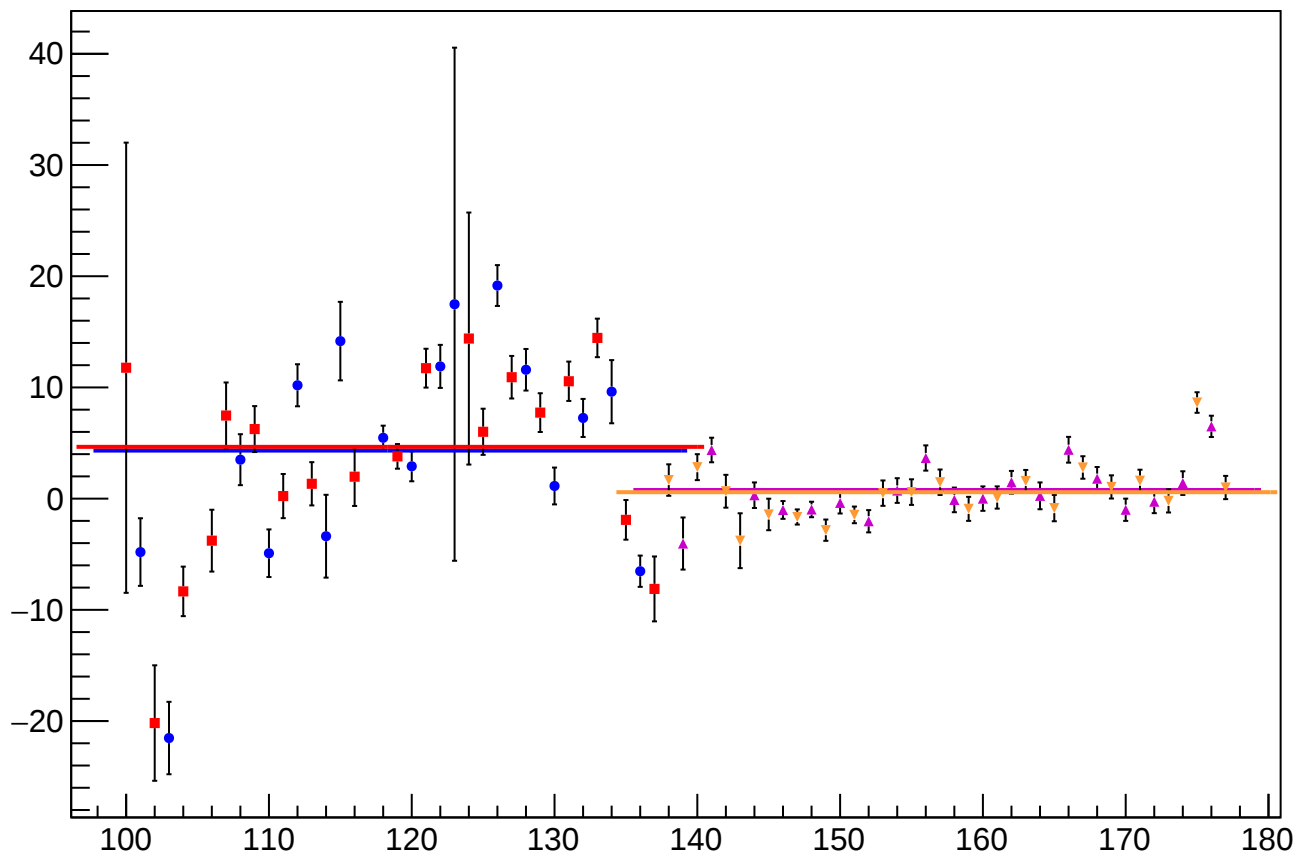
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.011+/-0.309 χ^2/NDF :3508.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.233+/-0.314 χ^2/NDF :1467.9/18

Left: -6.106+/-0.220 χ^2/NDF : 5001.8/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.233+/-0.314 χ^2/NDF :1467.9/18
 Out: -5.011+/-0.309 χ^2/NDF :3508.4/20
 All: -6.106+/-0.220 χ^2/NDF : 5001.8/39

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: 0.579 $\pm$ 0.228 χ^2 /NDF:128.5/20

Right Out: 4.657 $\pm$ 0.474 χ^2 /NDF: 184.5/18

Left In: 0.777 $\pm$ 0.236 χ^2 /NDF:94.9/18

Left: 0.674 $\pm$ 0.164 χ^2 /NDF: 223.7/39

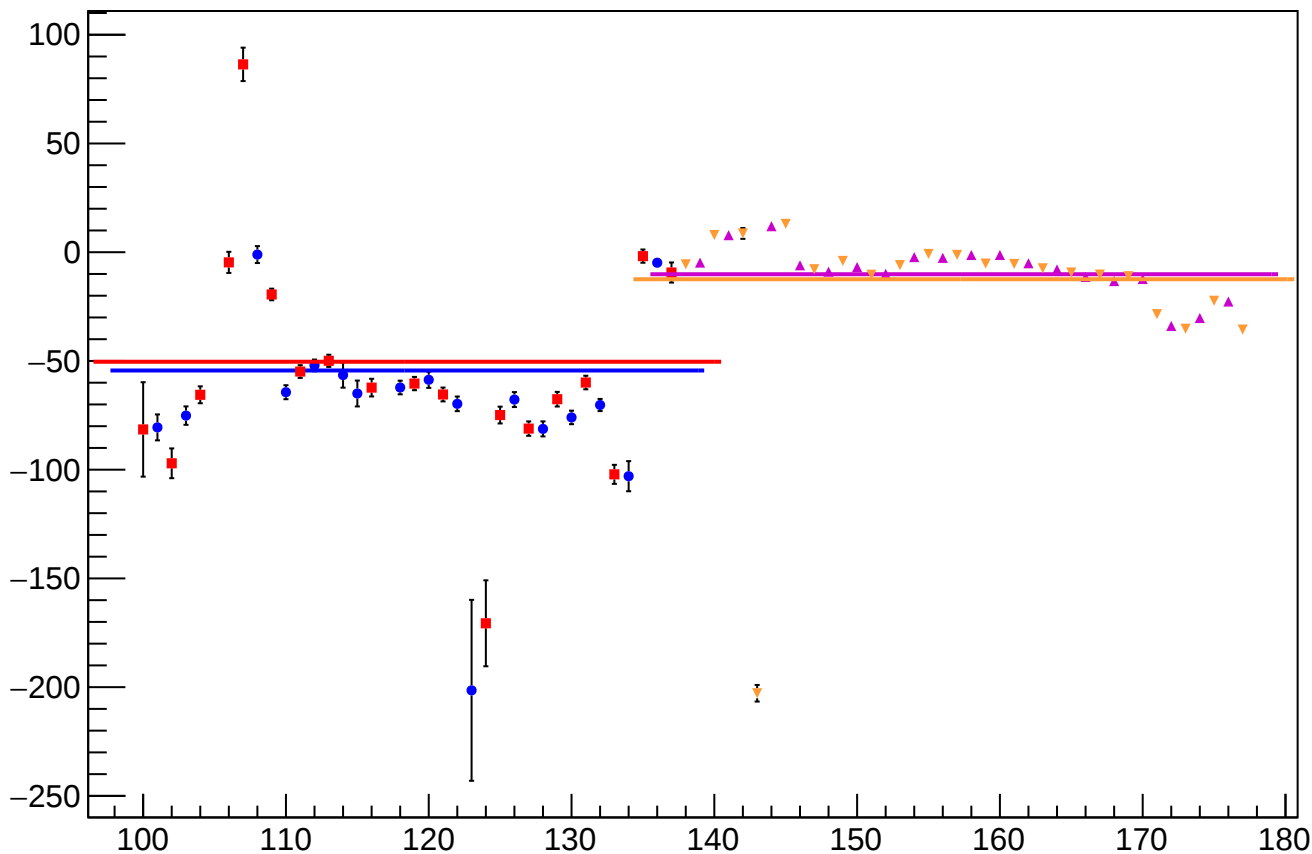
Right: 4.486 $\pm$ 0.332 χ^2 /NDF: 465.1/35

In: 1.503 $\pm$ 0.211 χ^2 /NDF:421.3/35

Out: 1.347 $\pm$ 0.206 χ^2 /NDF:373.2/39

All: 1.423 $\pm$ 0.147 χ^2 /NDF: 794.8/75

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: -10.125 ± 0.310 $\chi^2/\text{NDF}: 1165.7/18$

Left: -11.294 ± 0.218 $\chi^2/\text{NDF}: 5304.1/39$

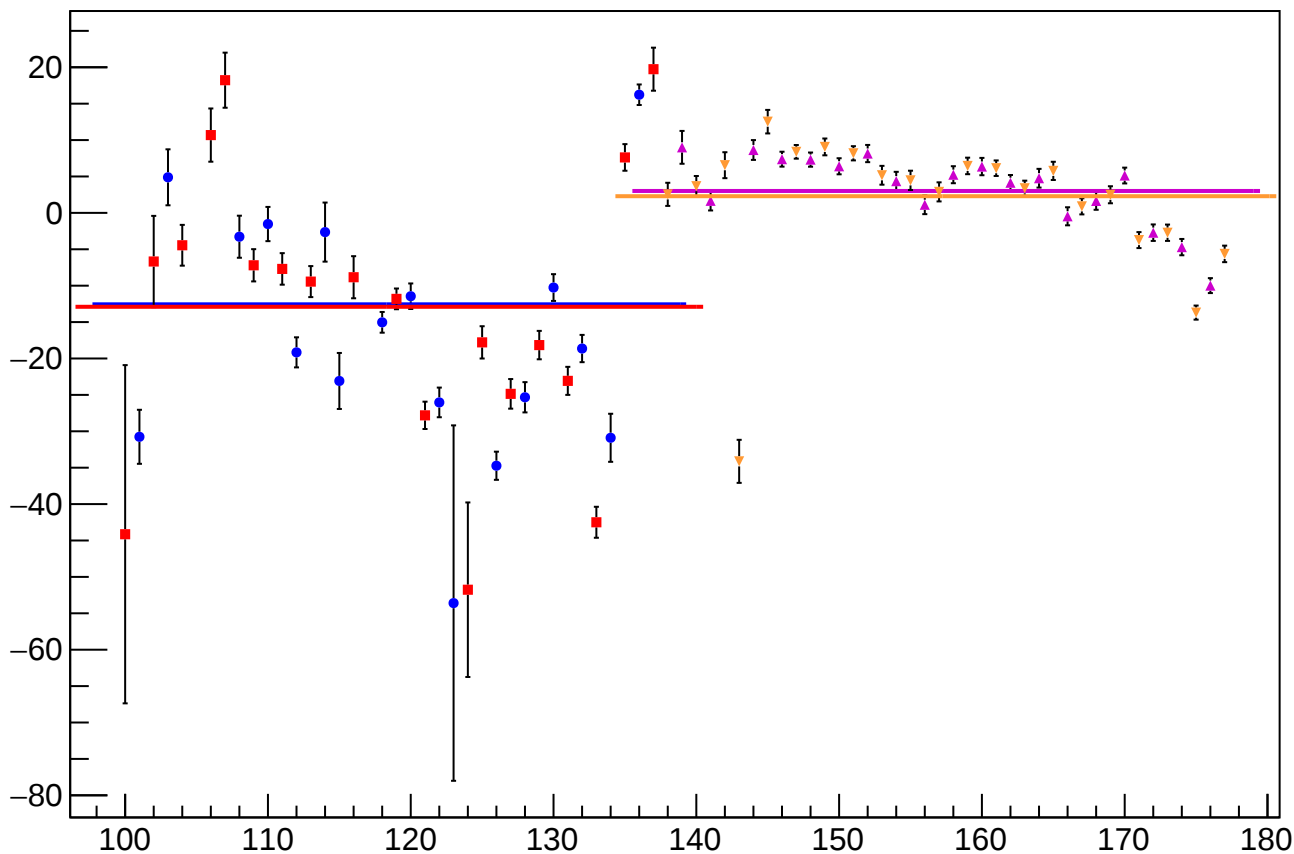
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -15.179 ± 0.292 $\chi^2/\text{NDF}: 4501.9/35$

Out: -16.701 ± 0.288 $\chi^2/\text{NDF}: 7168.1/39$

All: -15.951 ± 0.205 $\chi^2/\text{NDF}: 11683.7/75$

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: 3.010 ± 0.270 χ^2/NDF : 355.6/18

Left: 2.638 ± 0.188 χ^2/NDF : 1087.8/39

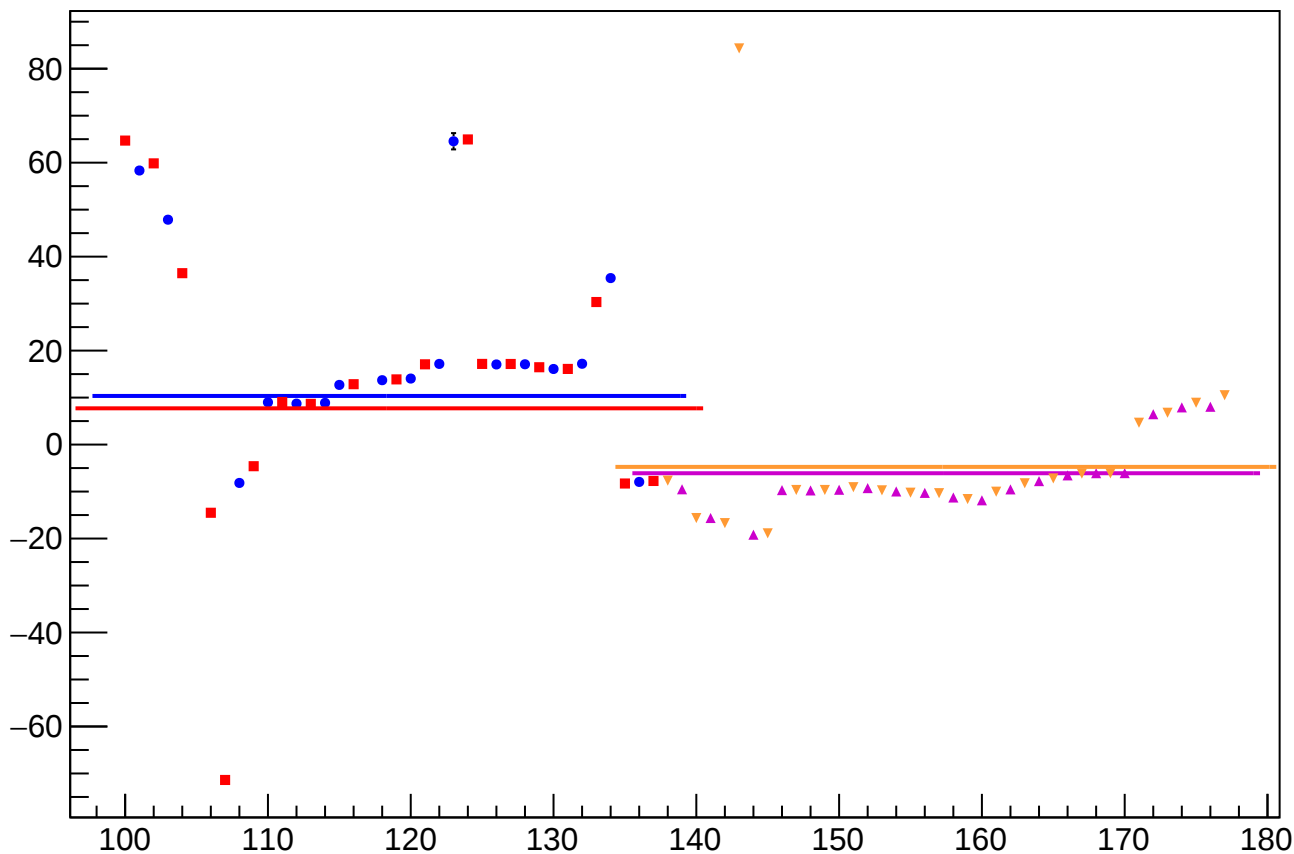
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -0.189 ± 0.241 χ^2/NDF : 1817.1/35

Out: -0.609 ± 0.235 χ^2/NDF : 2101.5/39

All: -0.404 ± 0.168 χ^2/NDF : 3920.2/75

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: -6.100+/-0.012 χ^2/NDF : 371034.1/18

Left: -5.420+/-0.009 χ^2/NDF : 1169838.1/39

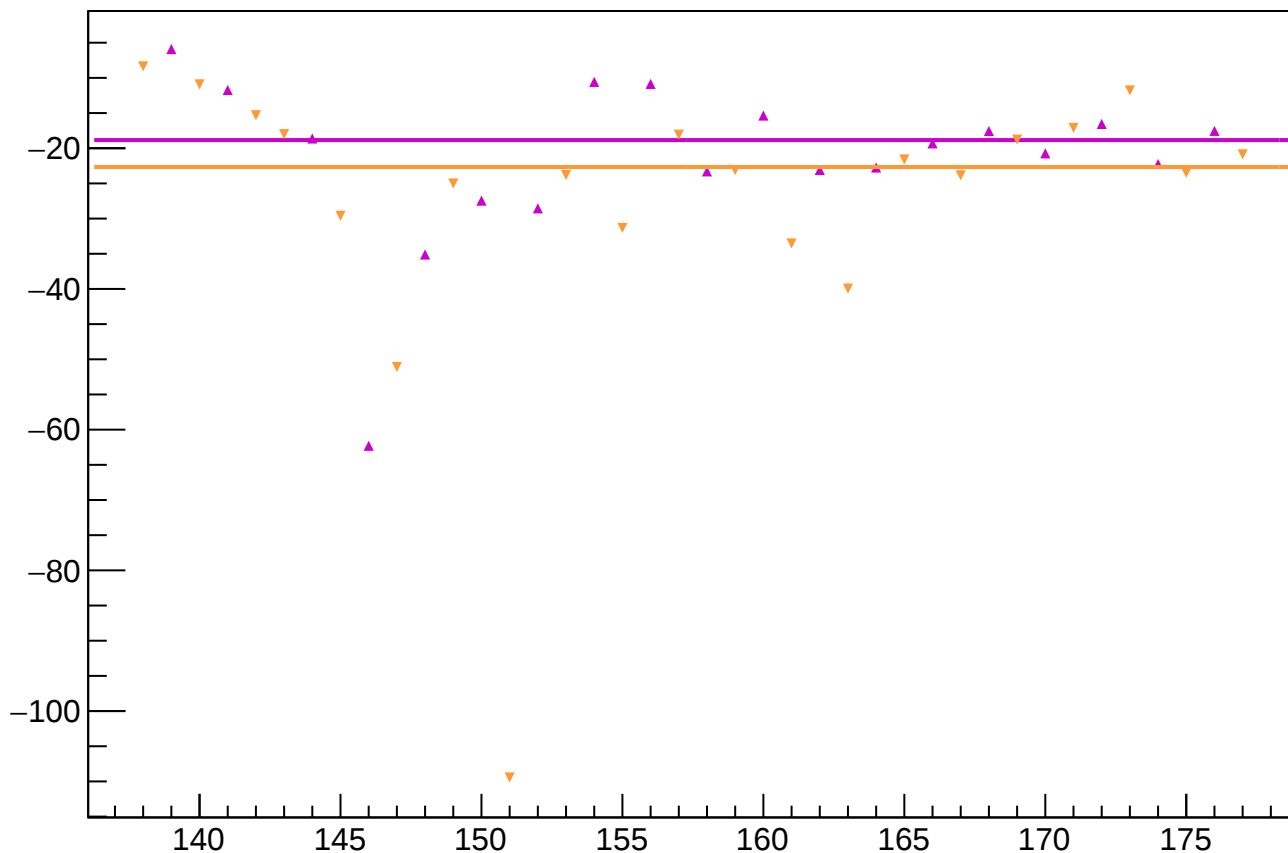
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -3.868+/-0.011 χ^2/NDF : 1002028.1/35

Out: -3.137+/-0.011 χ^2/NDF : 1475959.4/39

All: -3.502+/-0.008 χ^2/NDF : 2480100.3/75

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: -18.839+/-0.046 χ^2/NDF : 38461.5/18

Left: -20.618+/-0.033 χ^2/NDF : 104335.0/39

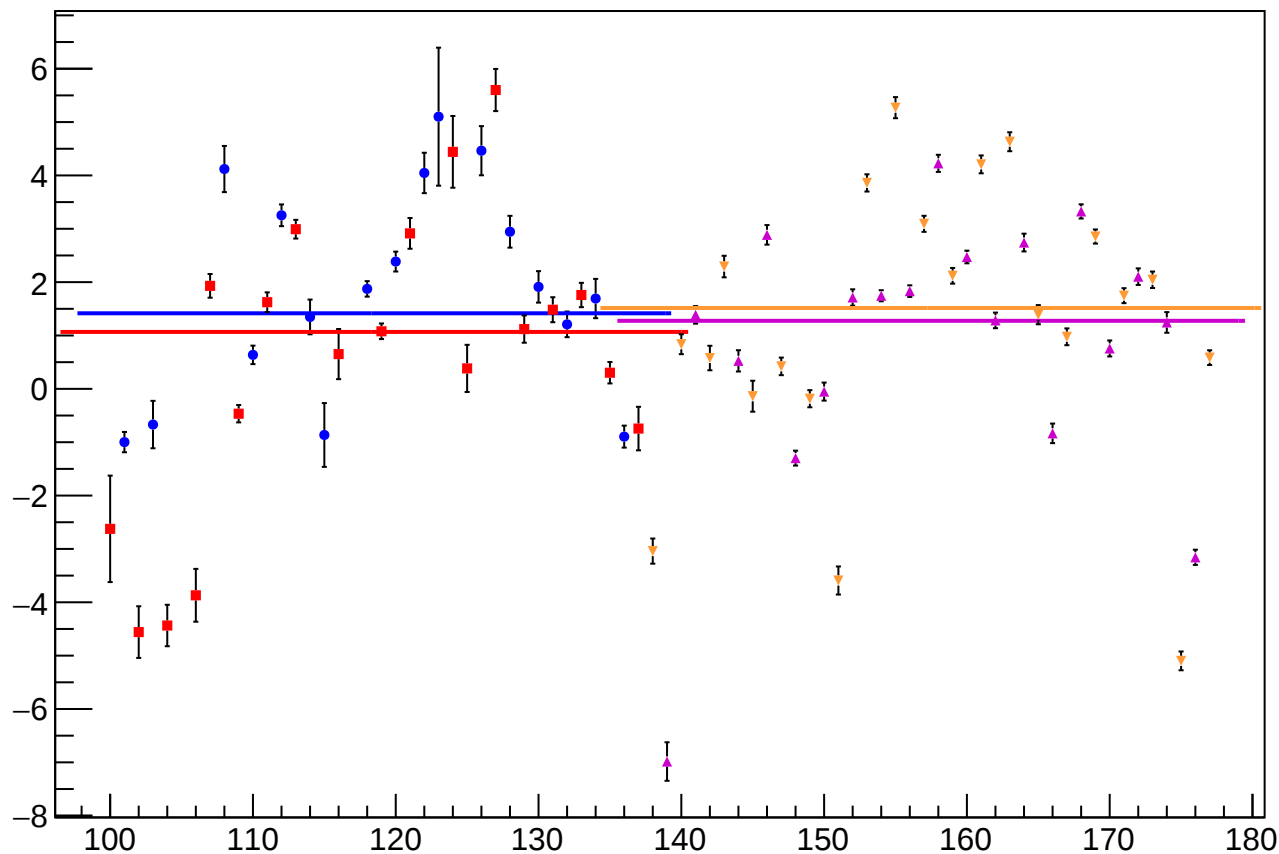
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.839+/-0.046 χ^2/NDF : 38461.5/18

Out: -22.669+/-0.049 χ^2/NDF : 62597.6/20

All: -20.618+/-0.033 χ^2/NDF : 104335.0/39

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 1.516 $\pm$ 0.037 χ^2 /NDF:3834.5/20

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 1.275 $\pm$ 0.034 χ^2 /NDF:2964.0/18

Left: 1.386 $\pm$ 0.025 χ^2 /NDF: 6821.0/39

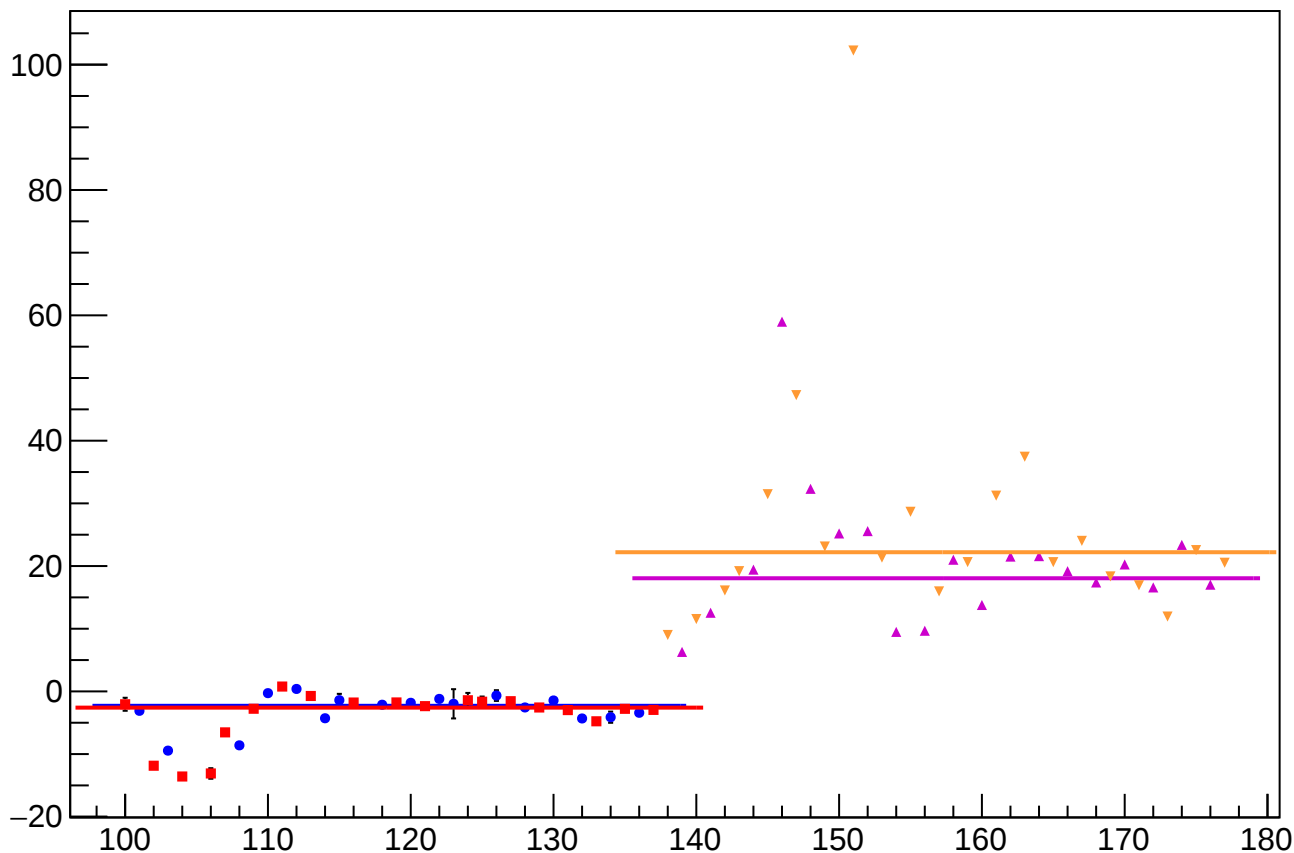
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.309 $\pm$ 0.030 χ^2 /NDF:3599.2/35

Out: 1.385 $\pm$ 0.031 χ^2 /NDF:4806.7/39

All: 1.345 $\pm$ 0.022 χ^2 /NDF: 8409.0/75

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: 18.052 ± 0.045 χ^2/NDF : 36495.5/18

Left: 19.958 ± 0.033 χ^2/NDF : 96224.9/39

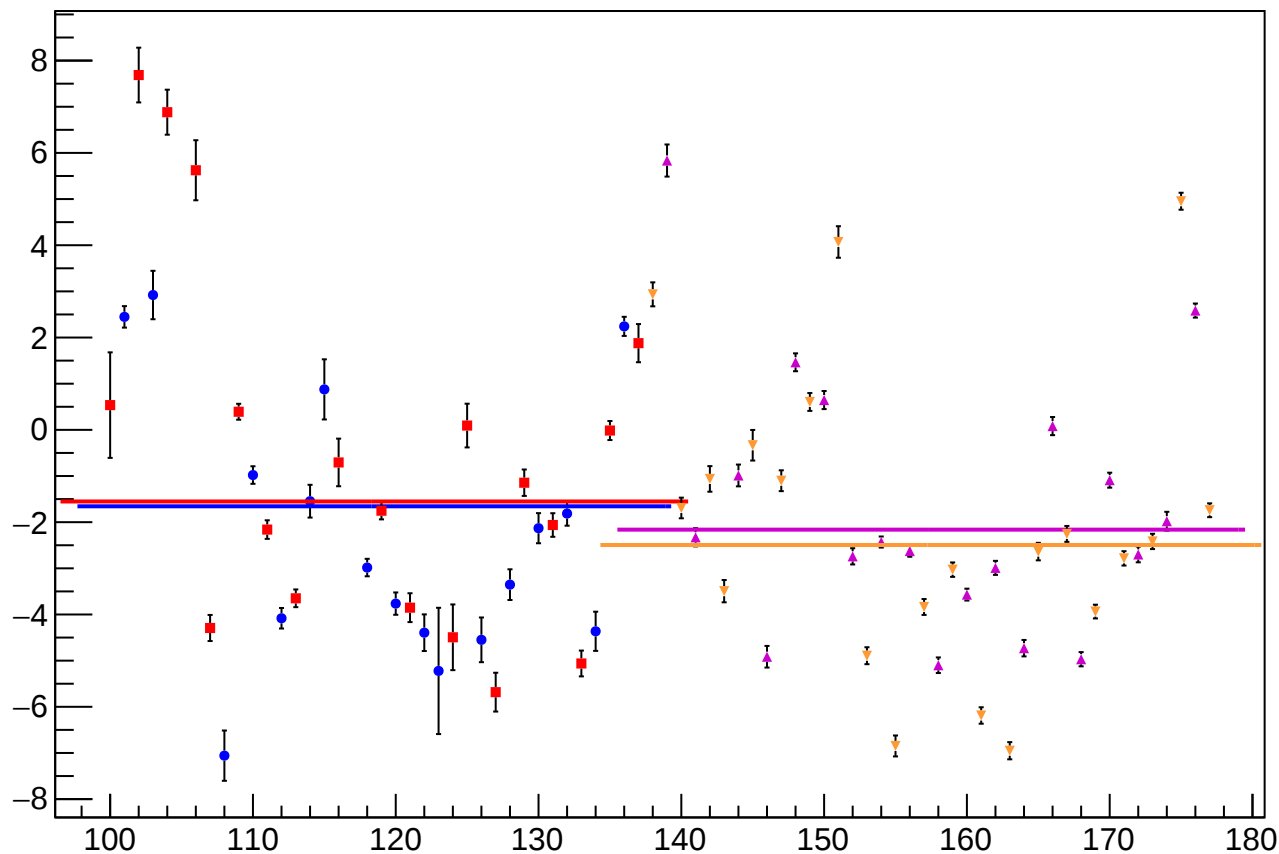
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 15.206 ± 0.041 χ^2/NDF : 65935.9/35

Out: 17.384 ± 0.044 χ^2/NDF : 107370.5/39

All: 16.241 ± 0.030 χ^2/NDF : 174617.8/75

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: -2.162 ± 0.039 χ^2/NDF : 3419.4/18

Left: -2.315 ± 0.028 χ^2/NDF : 8031.3/39

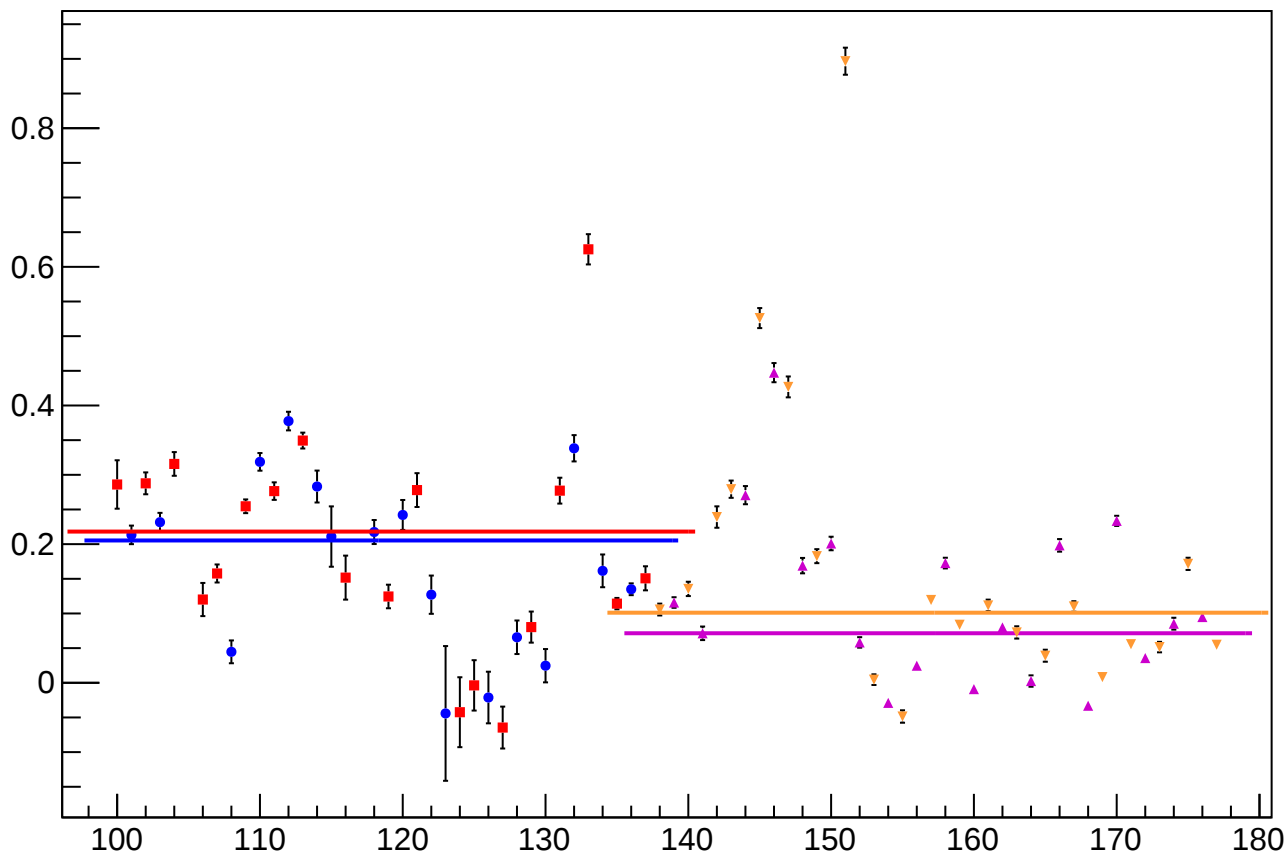
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.045 ± 0.034 χ^2/NDF : 4730.1/35

Out: -2.222 ± 0.035 χ^2/NDF : 6212.8/39

All: -2.130 ± 0.024 χ^2/NDF : 10956.0/75

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.101 $\pm$ 0.002 χ^2 /NDF:4264.5/20

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.071 $\pm$ 0.002 χ^2 /NDF:3226.7/18

Left: 0.085 $\pm$ 0.001 χ^2 /NDF: 7630.6/39

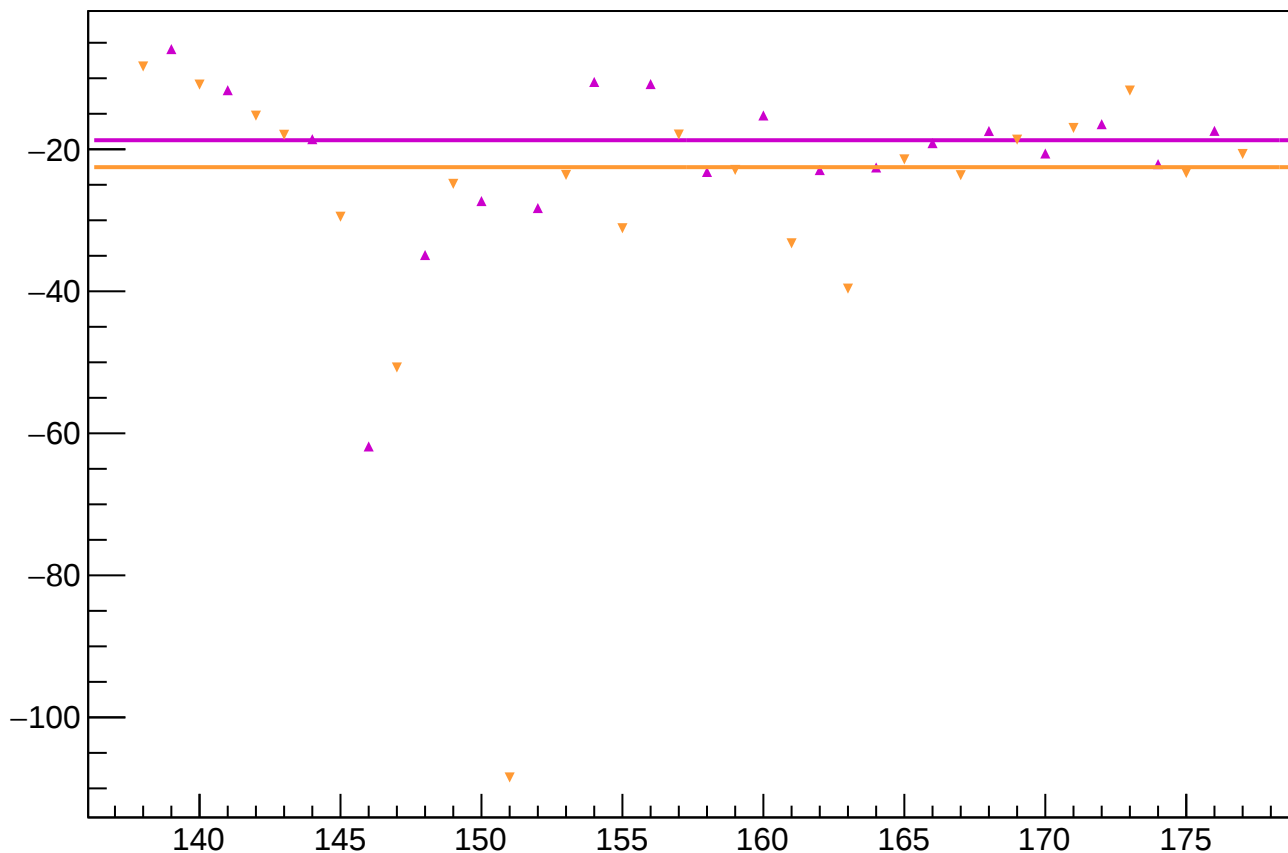
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.090 $\pm$ 0.002 χ^2 /NDF:4745.9/35

Out: 0.125 $\pm$ 0.002 χ^2 /NDF:6087.8/39

All: 0.106 $\pm$ 0.001 χ^2 /NDF: 11066.8/75

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: -18.725+/-0.045 χ^2/NDF :38374.2/18

Left: -20.488+/-0.033 χ^2/NDF : 104053.8/39

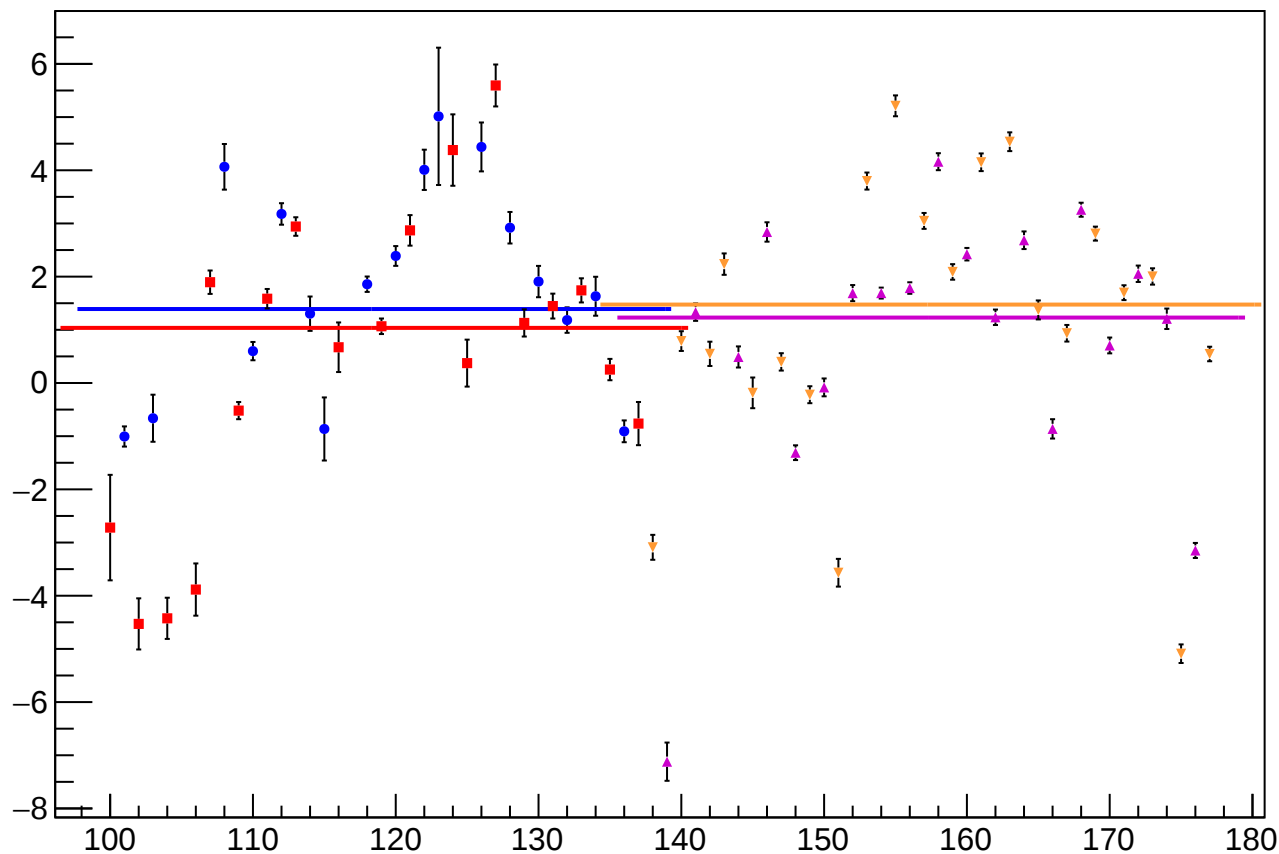
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.725+/-0.045 χ^2/NDF :38374.2/18

Out: -22.519+/-0.049 χ^2/NDF :62421.5/20

All: -20.488+/-0.033 χ^2/NDF : 104053.8/39

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.475 ± 0.037 χ^2/NDF : 3834.2/20

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 1.230 ± 0.034 χ^2/NDF : 2967.2/18

Left: 1.343 ± 0.025 χ^2/NDF : 6825.0/39

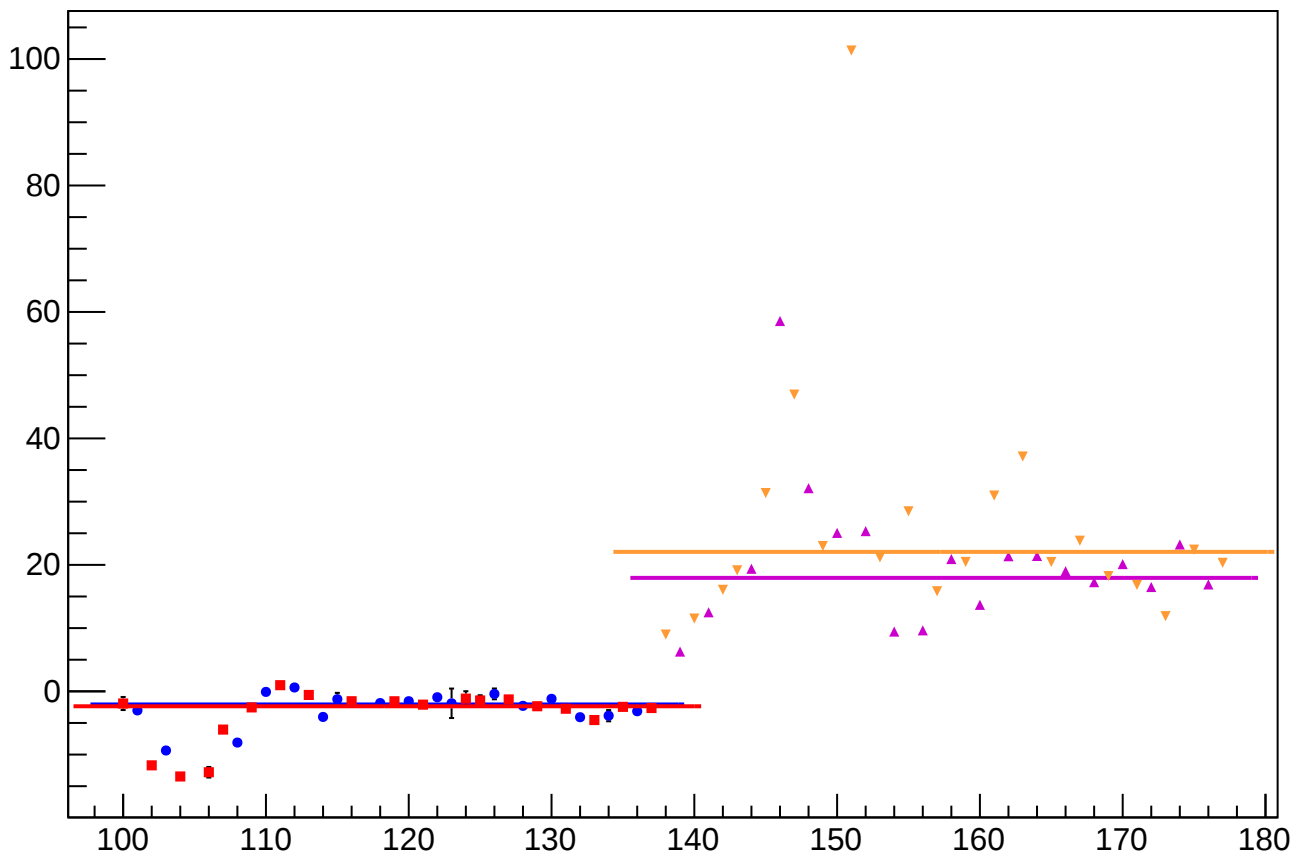
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.269 ± 0.030 χ^2/NDF : 3601.7/35

Out: 1.347 ± 0.031 χ^2/NDF : 4809.1/39

All: 1.306 ± 0.022 χ^2/NDF : 8414.2/75

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: 17.944 ± 0.044 χ^2/NDF : 36418.7/18

Left: 19.832 ± 0.033 χ^2/NDF : 95987.5/39

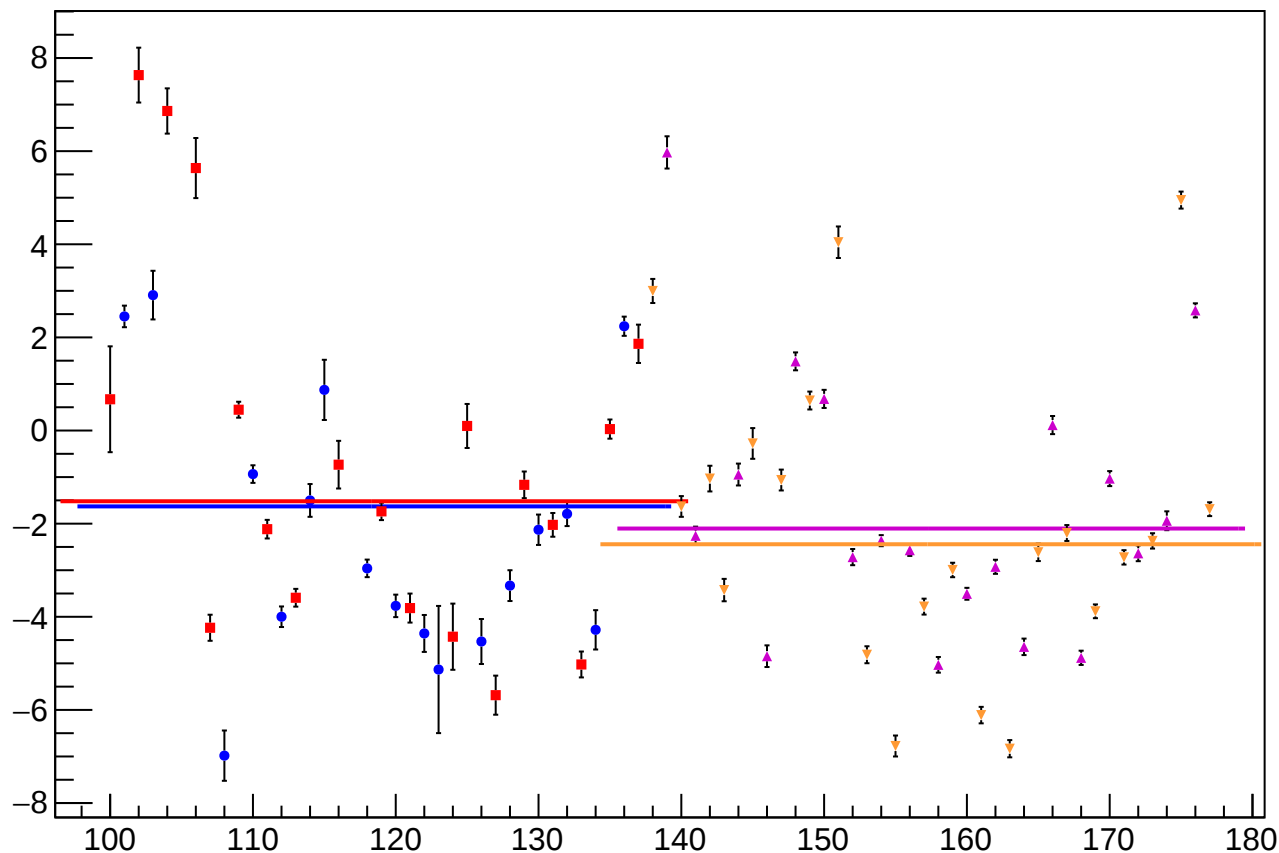
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 15.152 ± 0.041 χ^2/NDF : 65216.2/35

Out: 17.321 ± 0.043 χ^2/NDF : 106271.8/39

All: 16.182 ± 0.030 χ^2/NDF : 172805.8/75

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.442 ± 0.042 χ^2/NDF : 4575.5/20

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.105 ± 0.038 χ^2/NDF : 3421.7/18

Left: -2.260 ± 0.028 χ^2/NDF : 8032.7/39

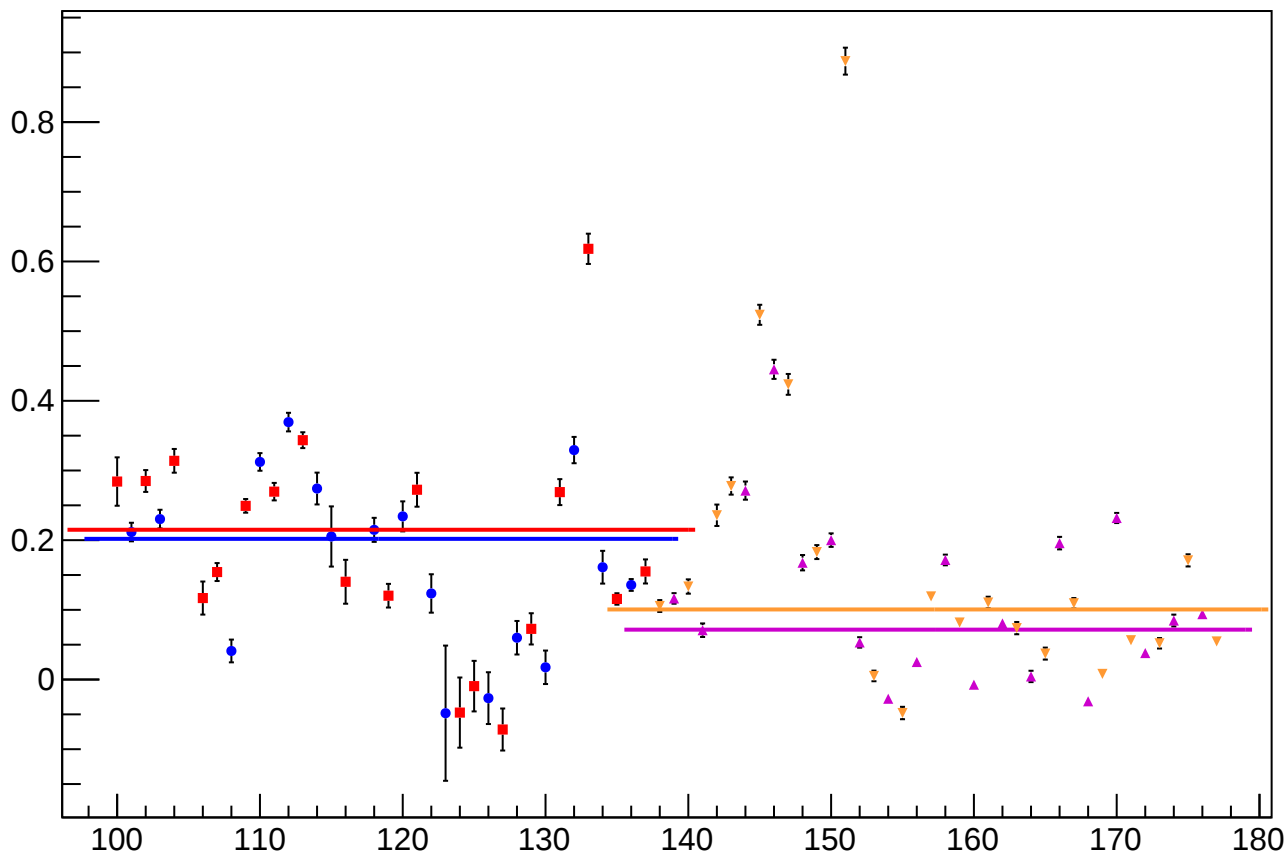
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.995 ± 0.034 χ^2/NDF : 4723.4/35

Out: -2.176 ± 0.035 χ^2/NDF : 6209.7/39

All: -2.082 ± 0.024 χ^2/NDF : 10947.0/75

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.101 ± 0.002 χ^2/NDF : 4256.8/20

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.072 ± 0.002 χ^2/NDF : 3198.8/18

Left: 0.084 ± 0.001 χ^2/NDF : 7590.6/39

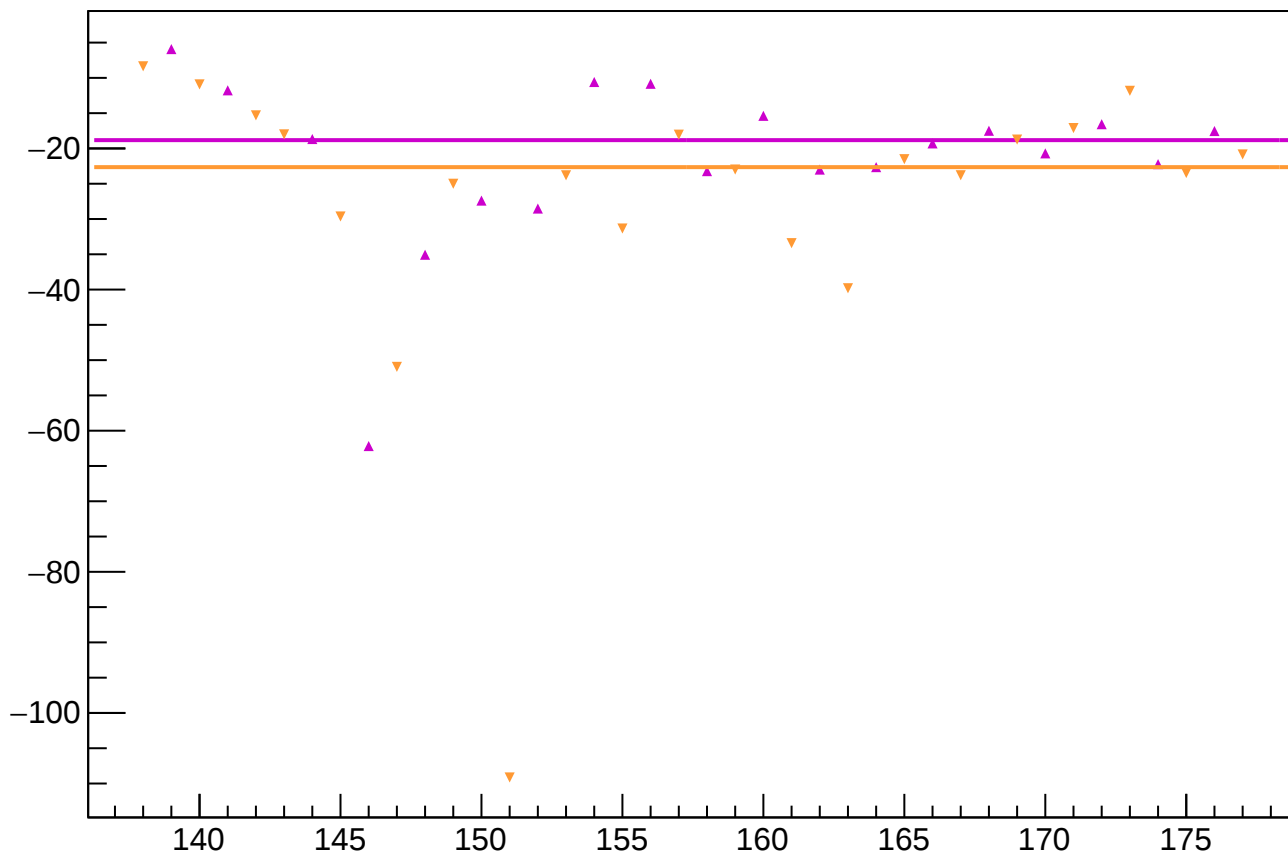
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.090 ± 0.002 χ^2/NDF : 4664.1/35

Out: 0.124 ± 0.002 χ^2/NDF : 6035.1/39

All: 0.106 ± 0.001 χ^2/NDF : 10925.5/75

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: -18.823+/-0.046 χ^2/NDF : 38432.5/18

Left: -20.601+/-0.033 χ^2/NDF : 104246.1/39

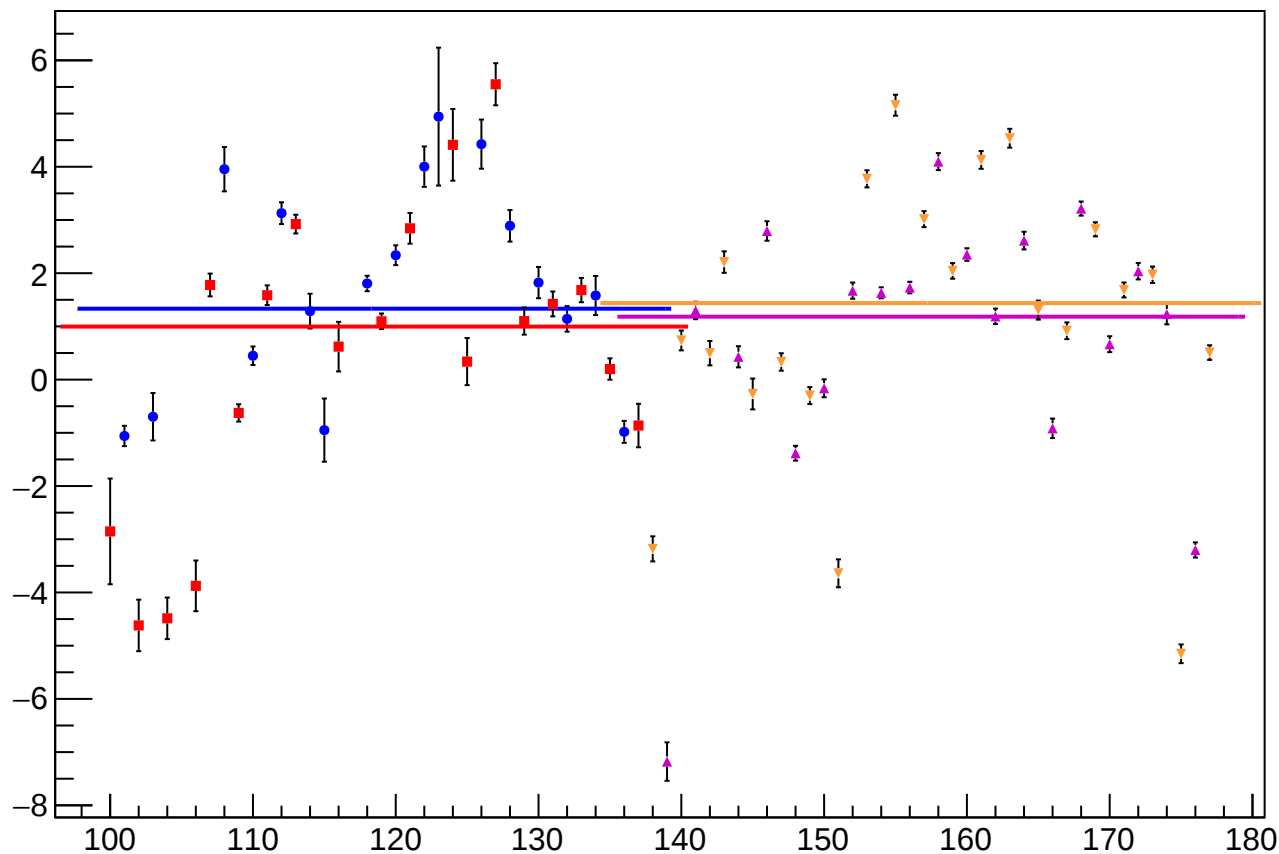
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.823+/-0.046 χ^2/NDF : 38432.5/18

Out: -22.650+/-0.049 χ^2/NDF : 62526.6/20

All: -20.601+/-0.033 χ^2/NDF : 104246.1/39

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.438 ± 0.037 χ^2/NDF : 3853.2/20

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 1.183 ± 0.034 χ^2/NDF : 2945.8/18

Left: 1.300 ± 0.025 χ^2/NDF : 6824.4/39

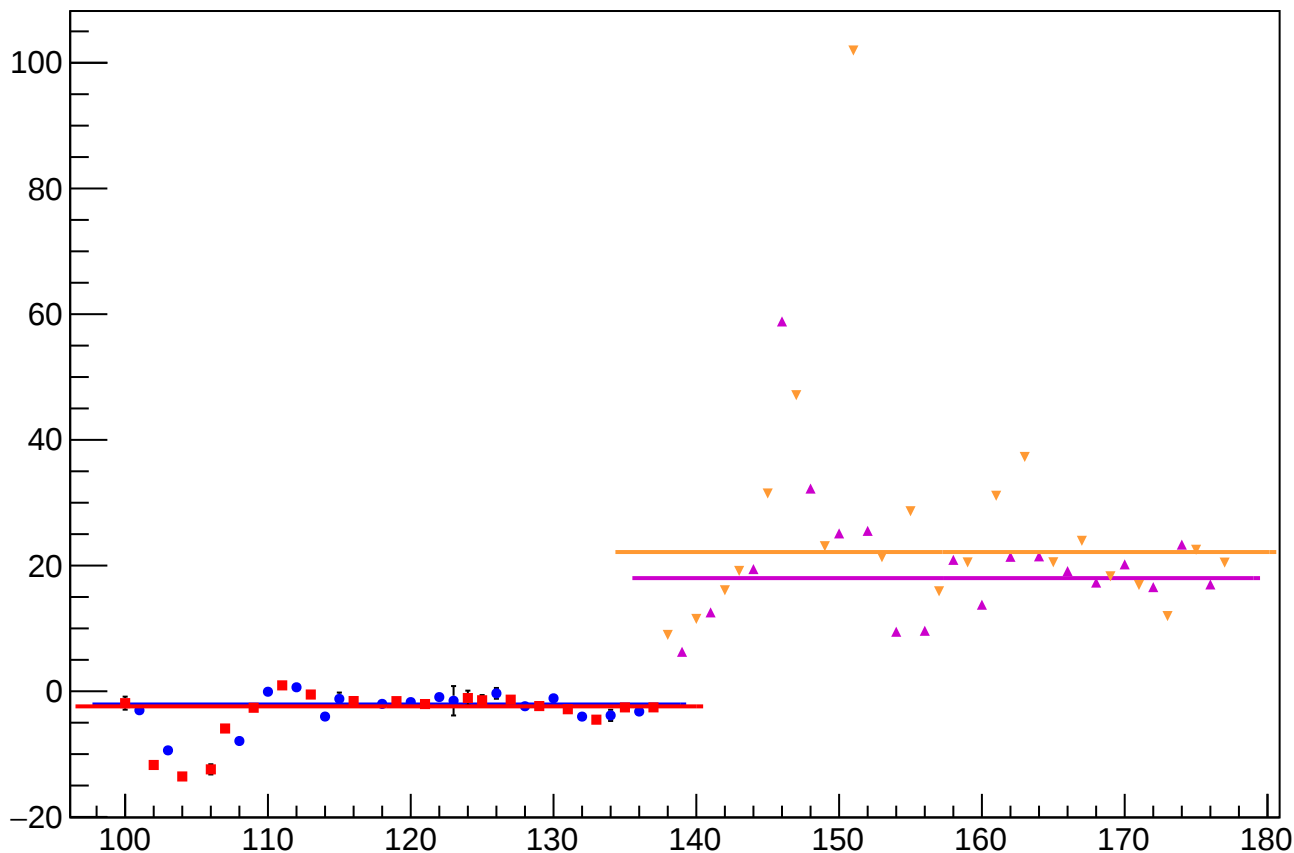
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.219 ± 0.030 χ^2/NDF : 3584.9/35

Out: 1.309 ± 0.031 χ^2/NDF : 4839.6/39

All: 1.262 ± 0.022 χ^2/NDF : 8428.9/75

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: 18.003 ± 0.045 χ^2/NDF : 36492.5/18

Left: 19.907 ± 0.033 χ^2/NDF : 96187.3/39

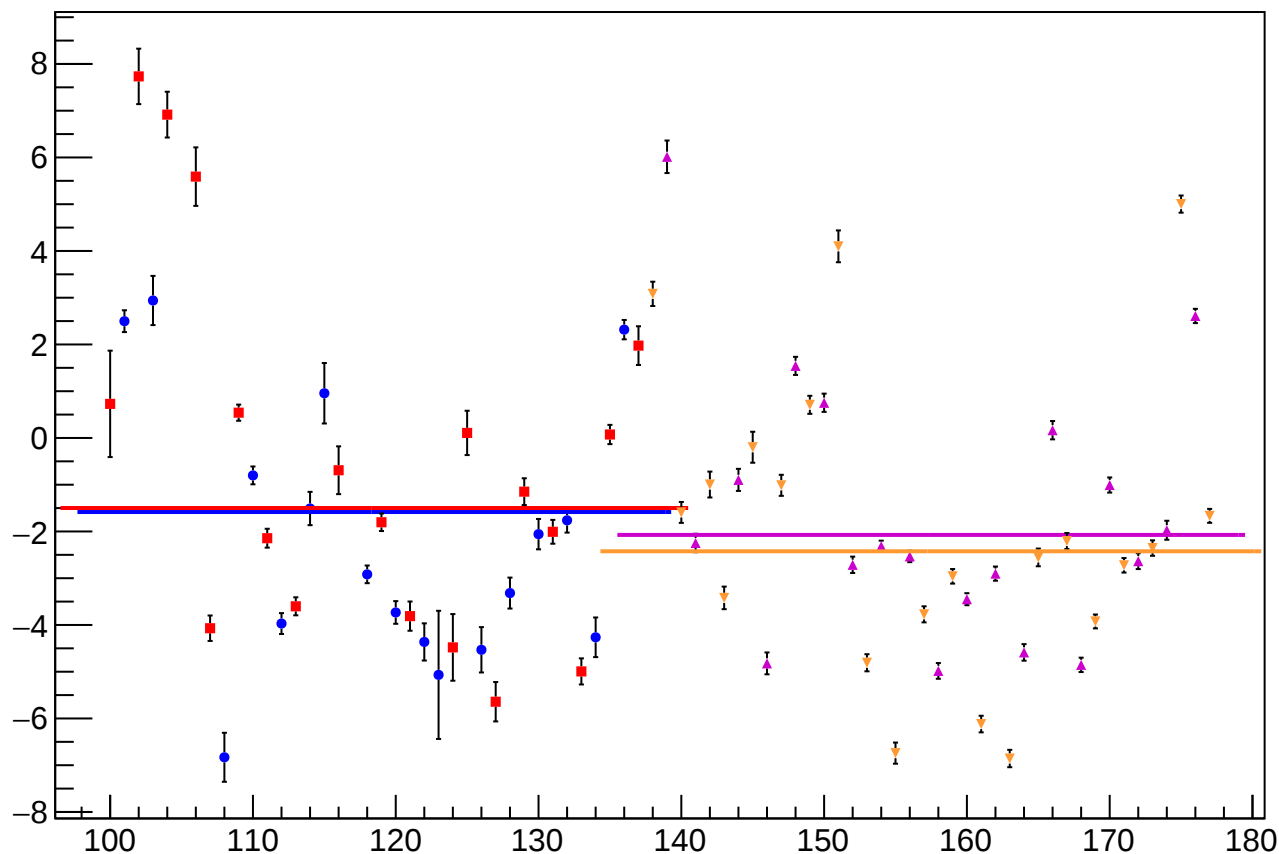
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 15.205 ± 0.041 χ^2/NDF : 65244.1/35

Out: 17.393 ± 0.043 χ^2/NDF : 106439.3/39

All: 16.244 ± 0.030 χ^2/NDF : 173012.1/75

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: -2.074 ± 0.039 χ^2/NDF : 3395.4/18

Left: -2.235 ± 0.028 χ^2/NDF : 8037.3/39

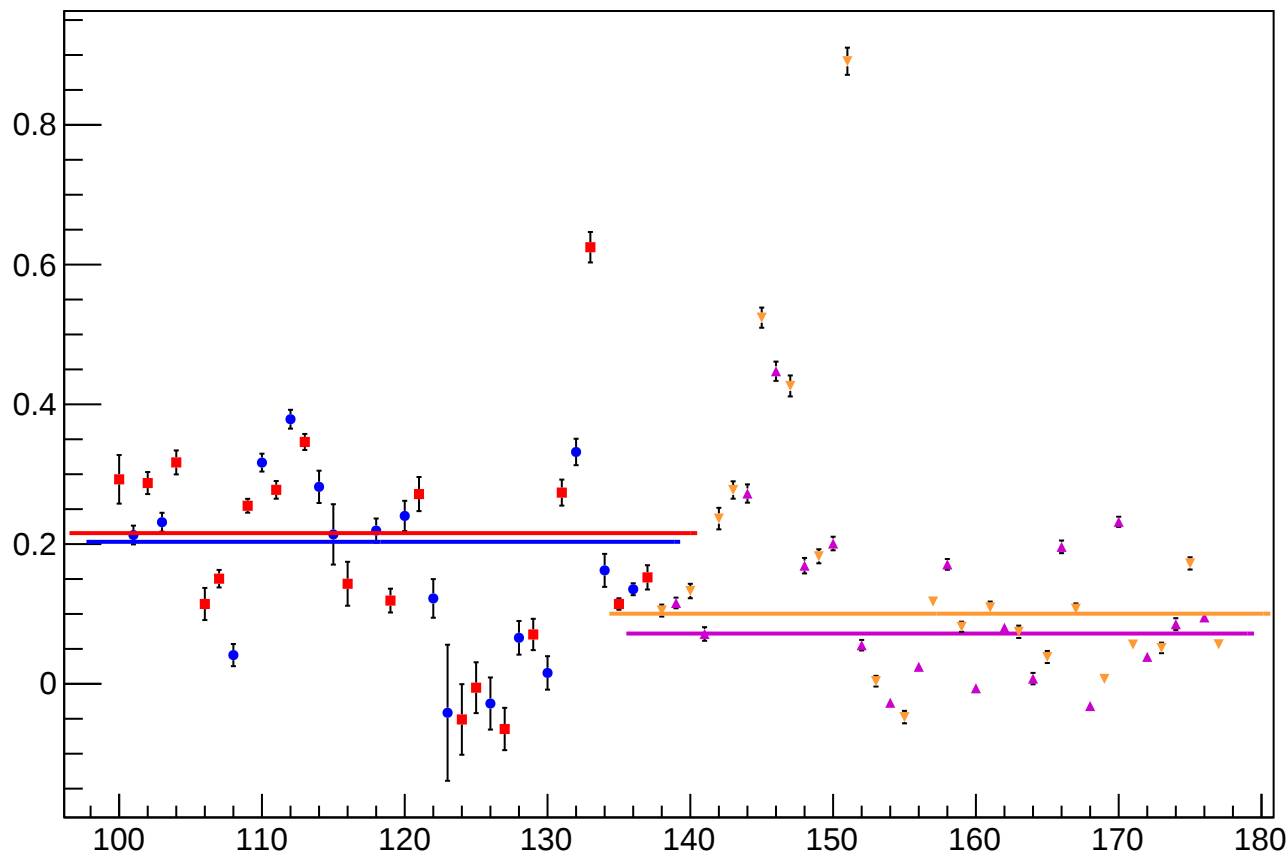
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.961 ± 0.034 χ^2/NDF : 4704.7/35

Out: -2.157 ± 0.035 χ^2/NDF : 6249.7/39

All: -2.055 ± 0.024 χ^2/NDF : 10970.6/75

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.100 $\pm$ 0.002 χ^2 /NDF:4241.5/20

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.072 $\pm$ 0.002 χ^2 /NDF:3178.2/18

Left: 0.085 $\pm$ 0.001 χ^2 /NDF: 7548.6/39

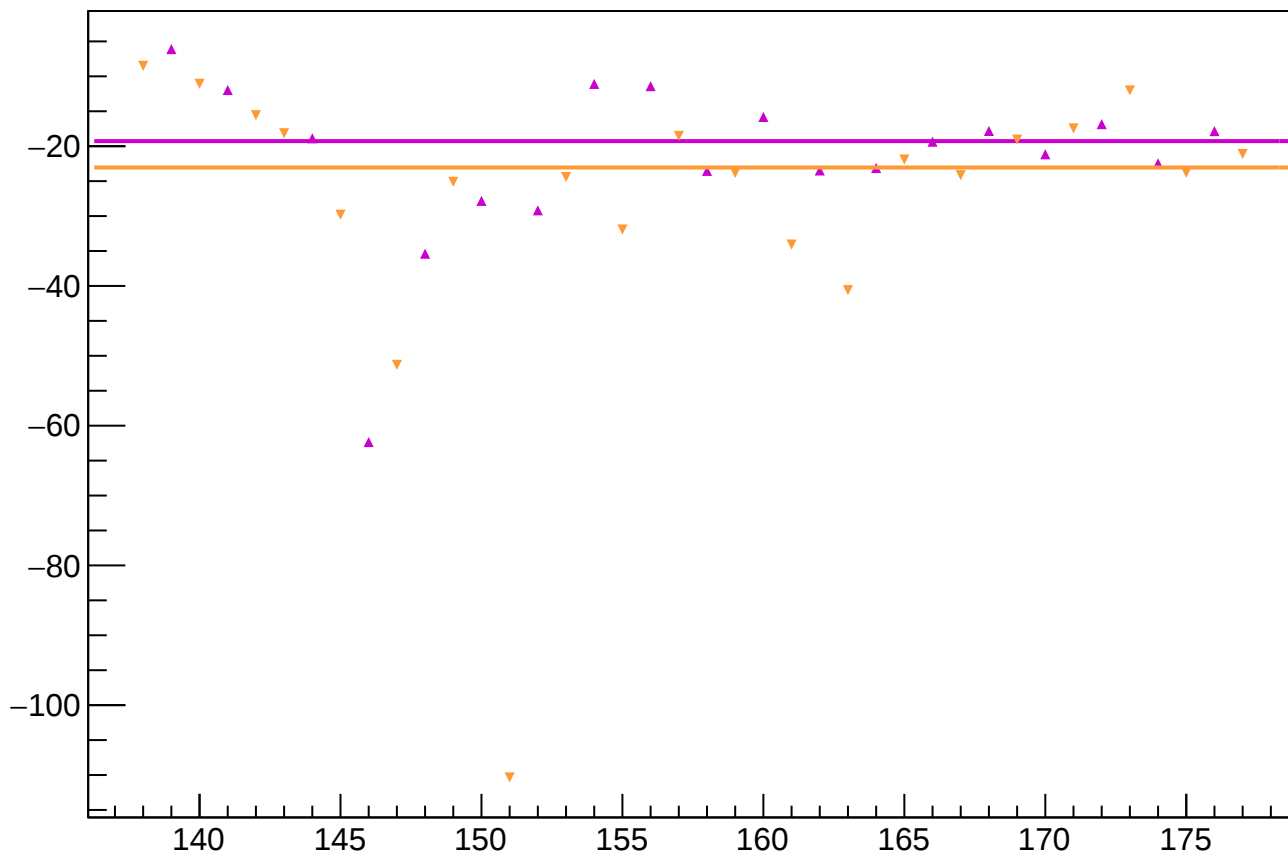
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.090 $\pm$ 0.002 χ^2 /NDF:4678.3/35

Out: 0.124 $\pm$ 0.002 χ^2 /NDF:6060.6/39

All: 0.106 $\pm$ 0.001 χ^2 /NDF: 10958.1/75

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: -19.271+/-0.047 χ^2/NDF :37308.2/18

Left: -21.031+/-0.034 χ^2/NDF : 102758.3/39

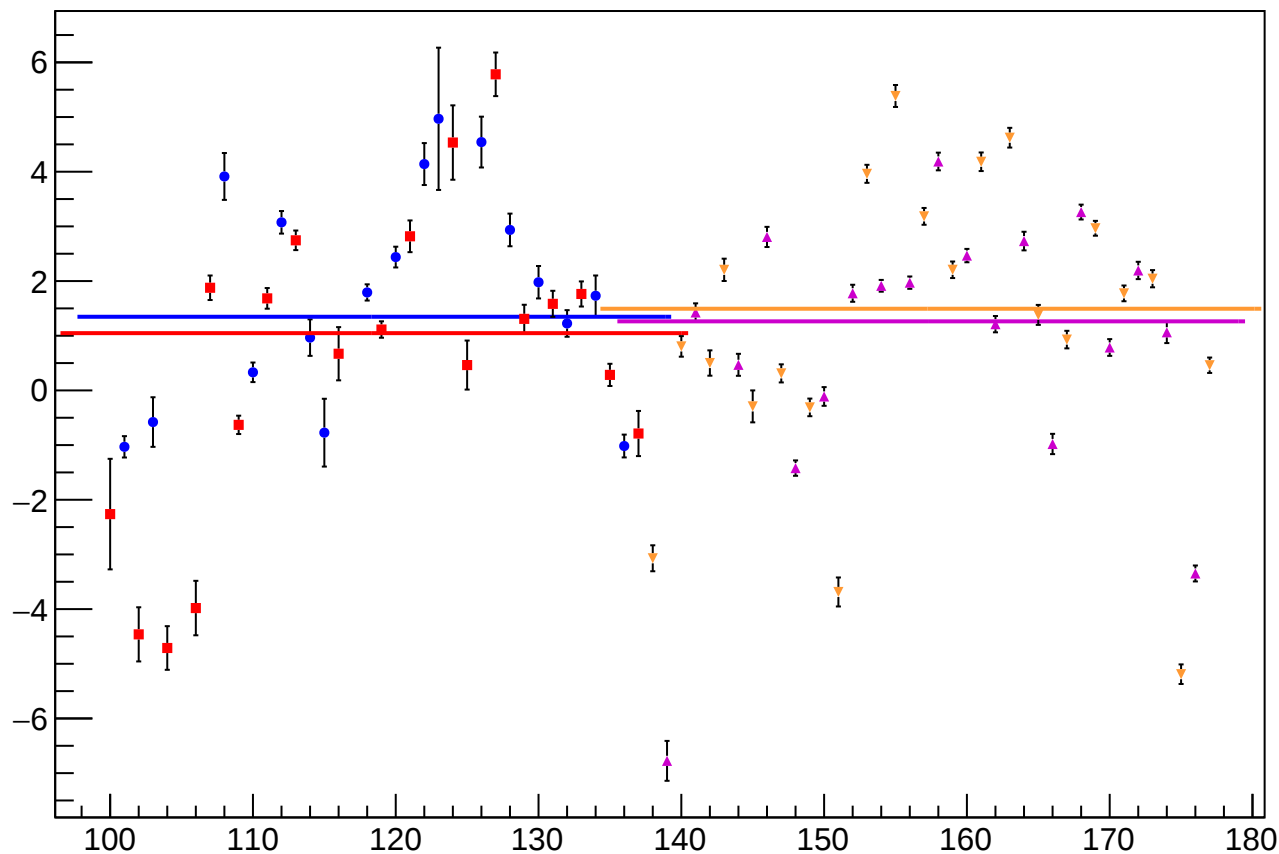
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.271+/-0.047 χ^2/NDF :37308.2/18

Out: -23.045+/-0.050 χ^2/NDF :62389.6/20

All: -21.031+/-0.034 χ^2/NDF : 102758.3/39

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.494 $\pm$ 0.038 χ^2 /NDF: 3892.3/20

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 1.263 $\pm$ 0.035 χ^2 /NDF: 2991.6/18

Left: 1.370 $\pm$ 0.026 χ^2 /NDF: 6903.9/39

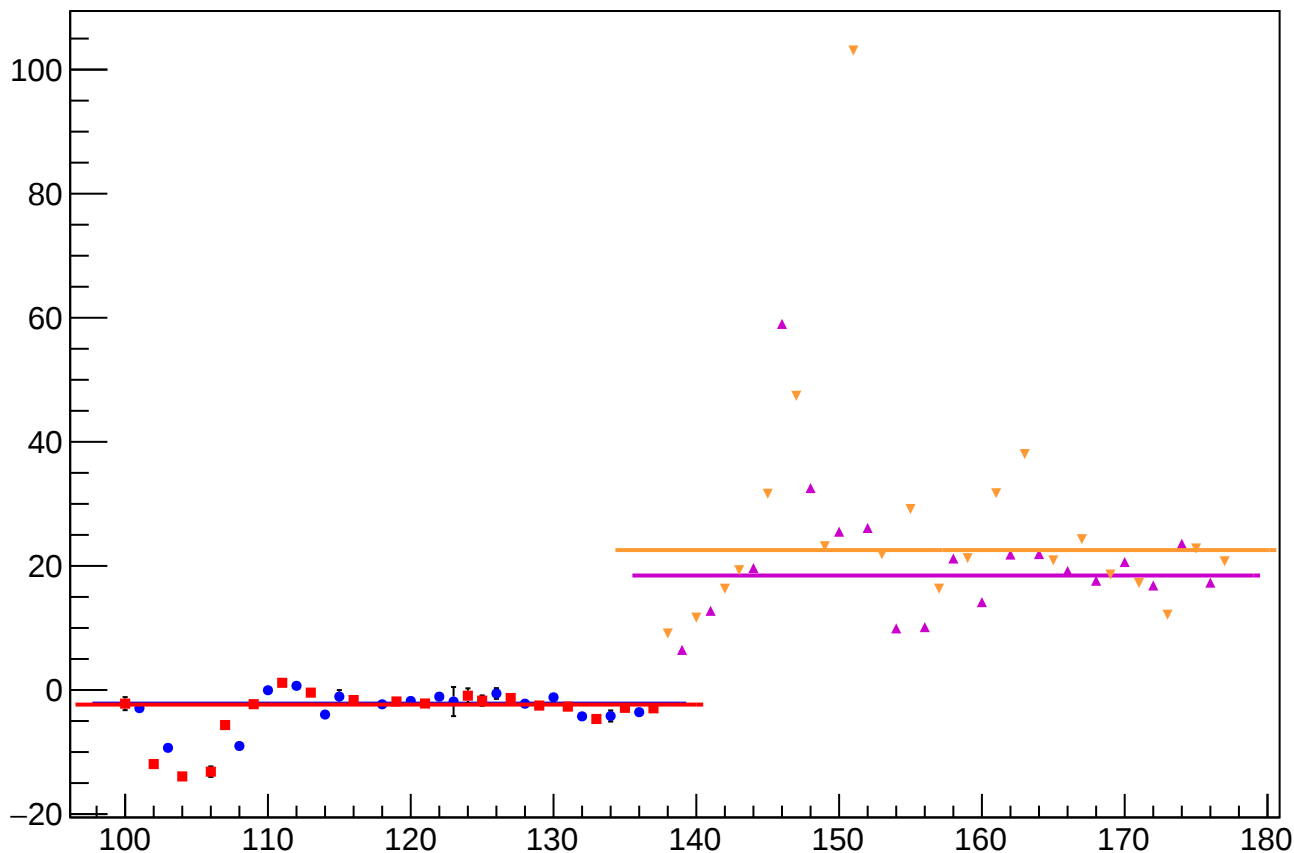
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.283 $\pm$ 0.031 χ^2 /NDF: 3623.1/35

Out: 1.364 $\pm$ 0.032 χ^2 /NDF: 4848.7/39

All: 1.322 $\pm$ 0.022 χ^2 /NDF: 8475.1/75

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: 18.455 ± 0.046 χ^2/NDF : 35209.4/18

Left: 20.343 ± 0.034 χ^2/NDF : 94392.8/39

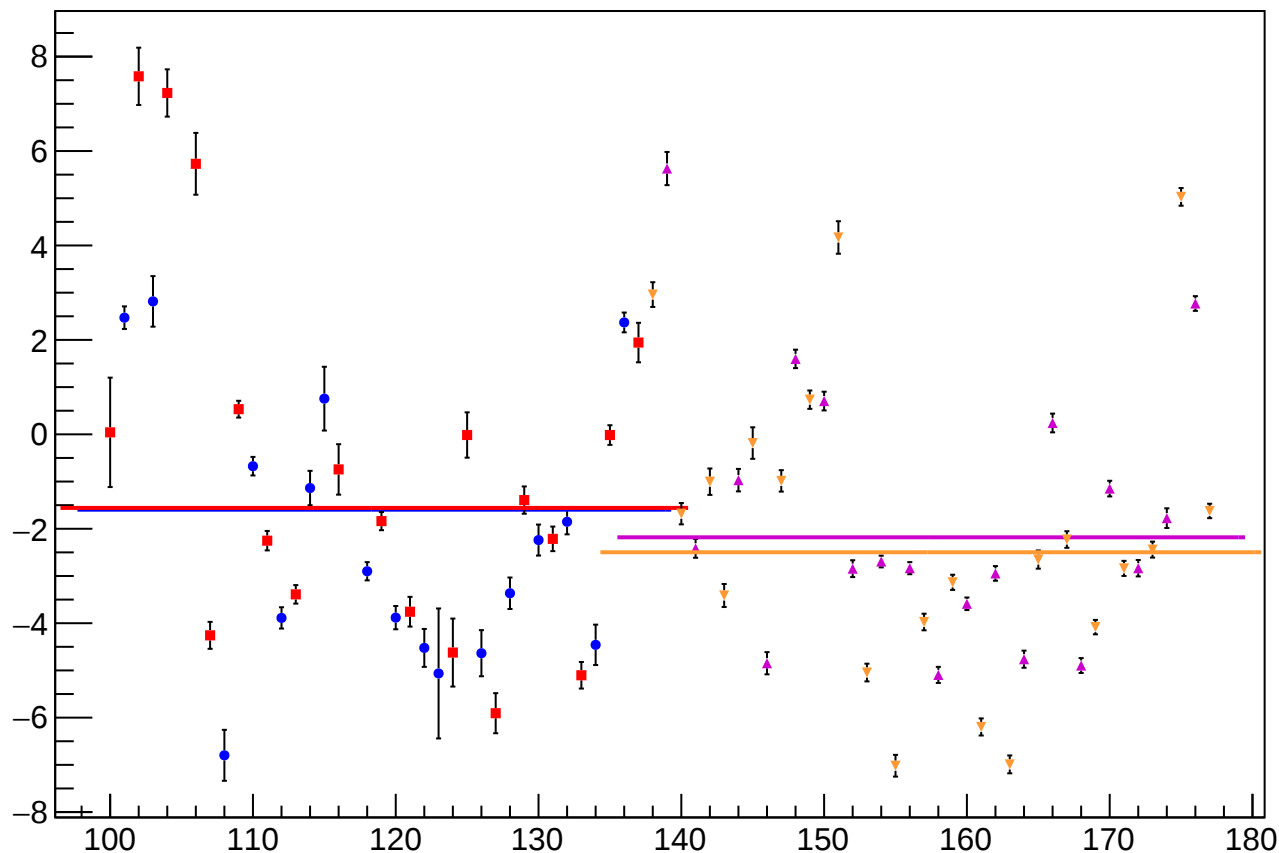
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 15.550 ± 0.042 χ^2/NDF : 64443.4/35

Out: 17.733 ± 0.044 χ^2/NDF : 105526.4/39

All: 16.590 ± 0.031 χ^2/NDF : 171236.3/75

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: -2.181 ± 0.040 χ^2/NDF : 3431.5/18

Left: -2.328 ± 0.029 χ^2/NDF : 8095.4/39

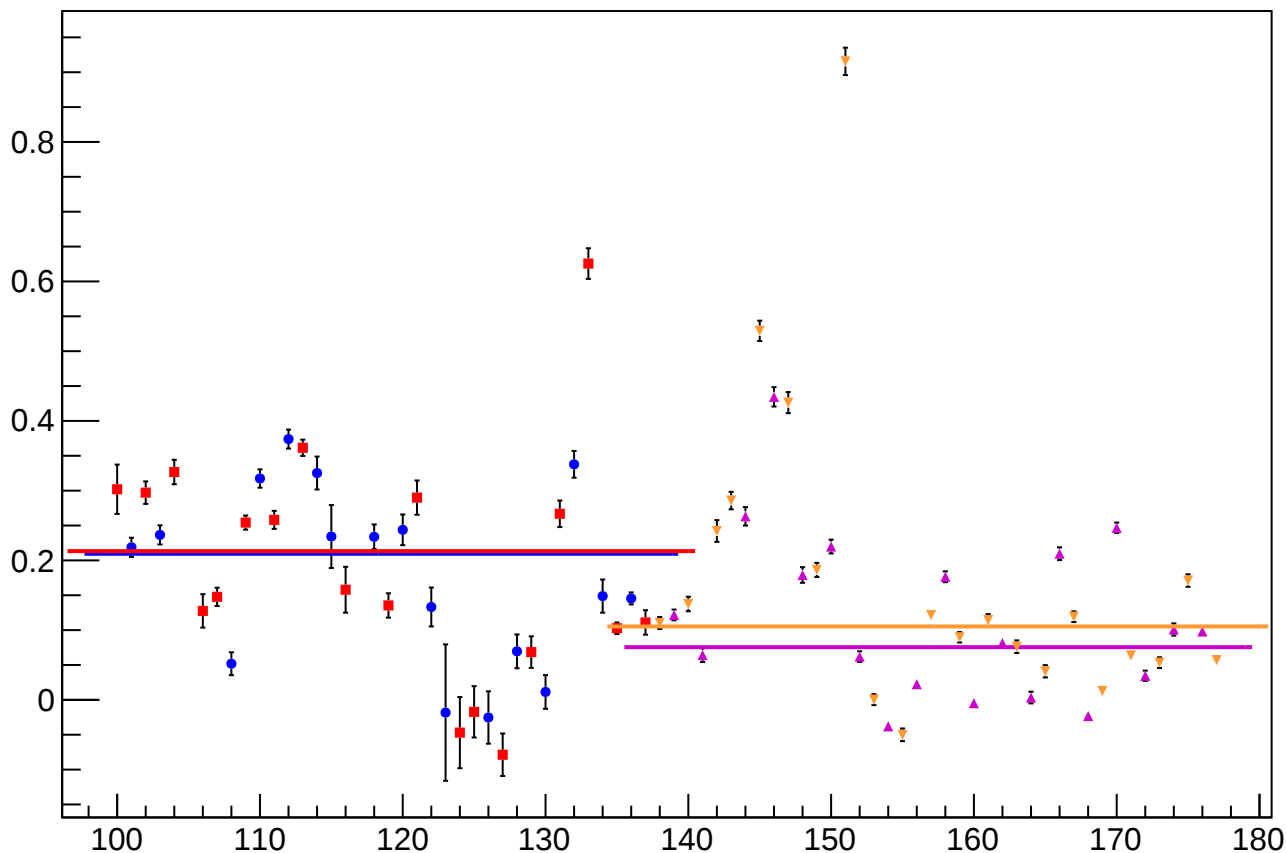
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.044 ± 0.035 χ^2/NDF : 4738.1/35

Out: -2.226 ± 0.036 χ^2/NDF : 6238.4/39

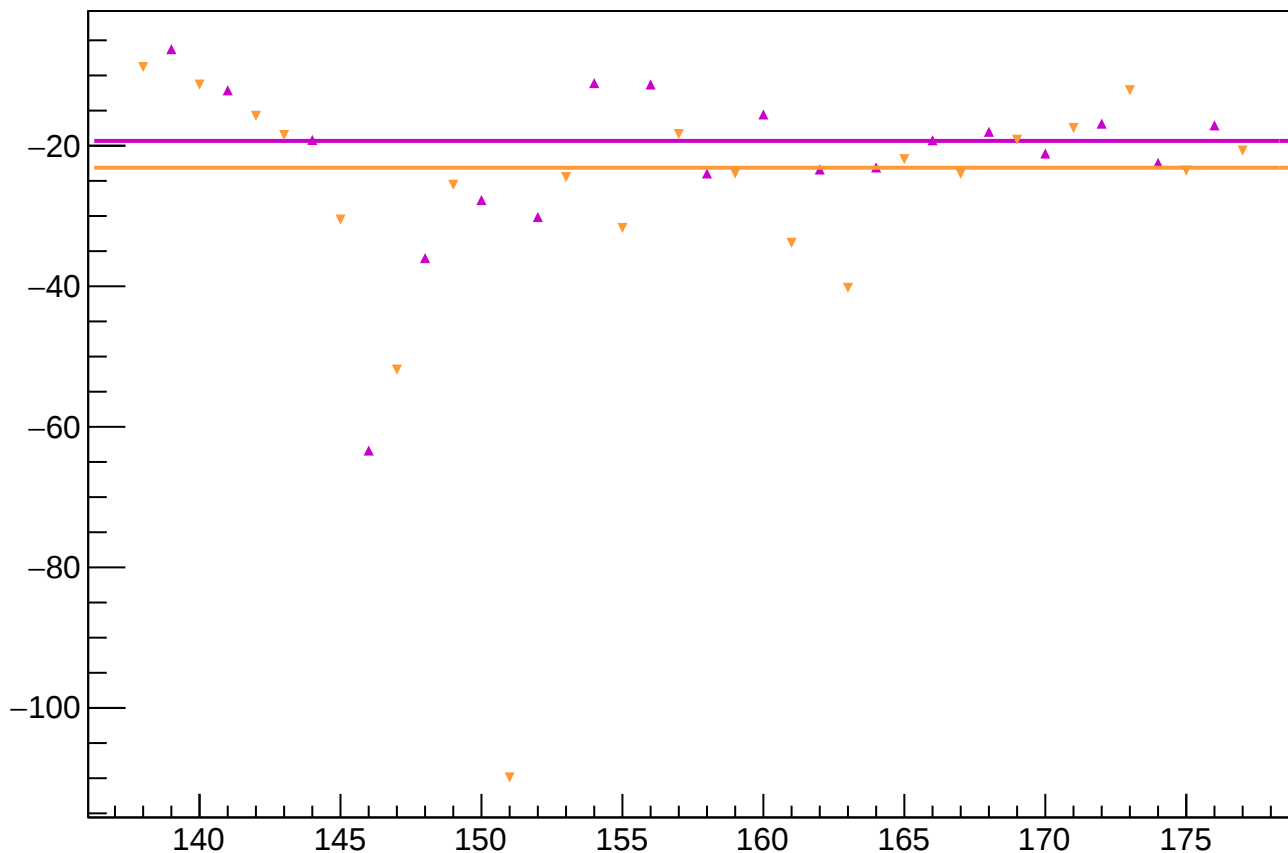
All: -2.132 ± 0.025 χ^2/NDF : 10989.8/75

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.089 $\pm$ 0.001 χ^2/NDF : 7677.0/39
 Right: 0.212 $\pm$ 0.003 χ^2/NDF : 1701.4/35
 In: 0.095 $\pm$ 0.002 χ^2/NDF : 4740.8/35
 Out: 0.127 $\pm$ 0.002 χ^2/NDF : 6031.3/39
 All: 0.110 $\pm$ 0.001 χ^2/NDF : 10970.6/75

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: -19.309+/-0.047 χ^2/NDF : 37671.7/18

Left: -21.092+/-0.034 χ^2/NDF : 102000.1/39

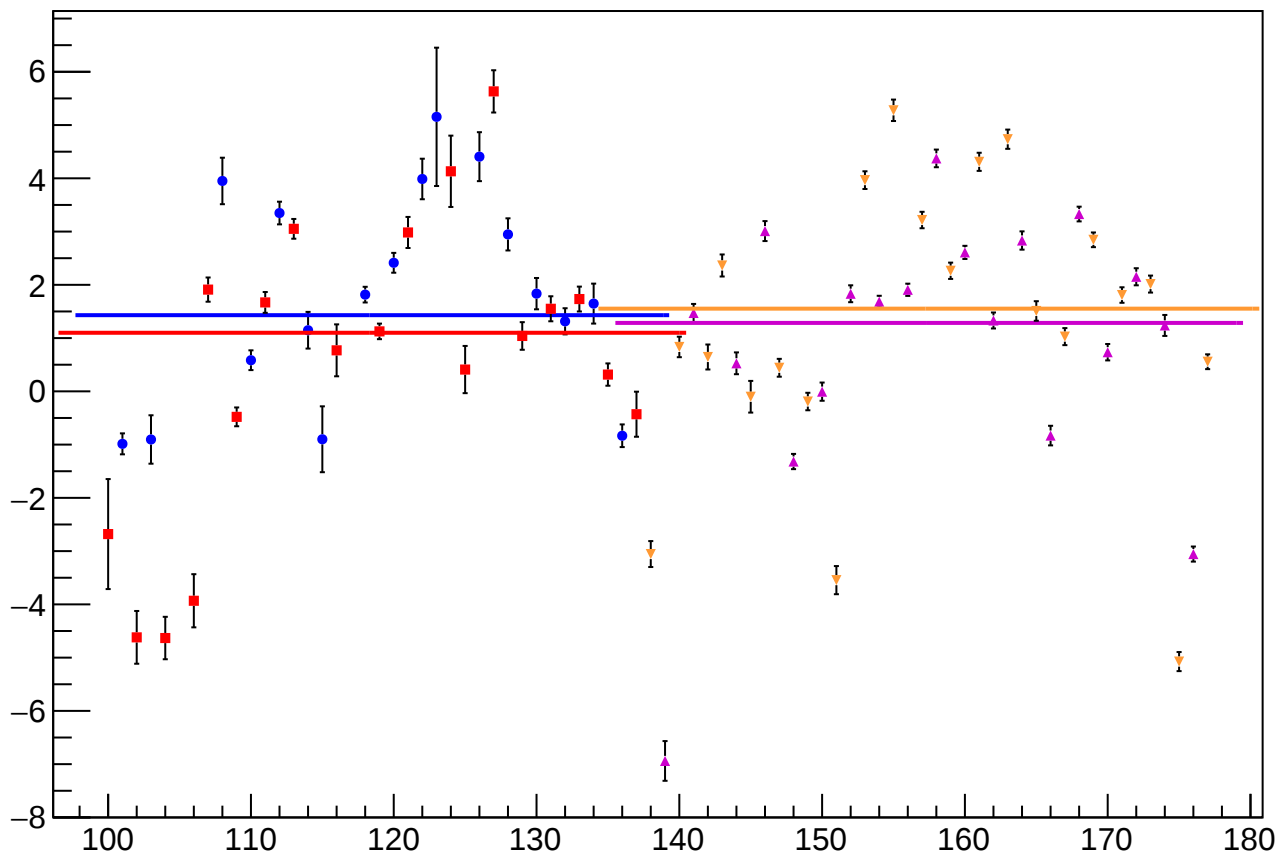
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.309+/-0.047 χ^2/NDF : 37671.7/18

Out: -23.126+/-0.050 χ^2/NDF : 61246.7/20

All: -21.092+/-0.034 χ^2/NDF : 102000.1/39

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: 1.285 ± 0.035 χ^2/NDF : 2904.0/18

Left: 1.409 ± 0.026 χ^2/NDF : 6686.5/39

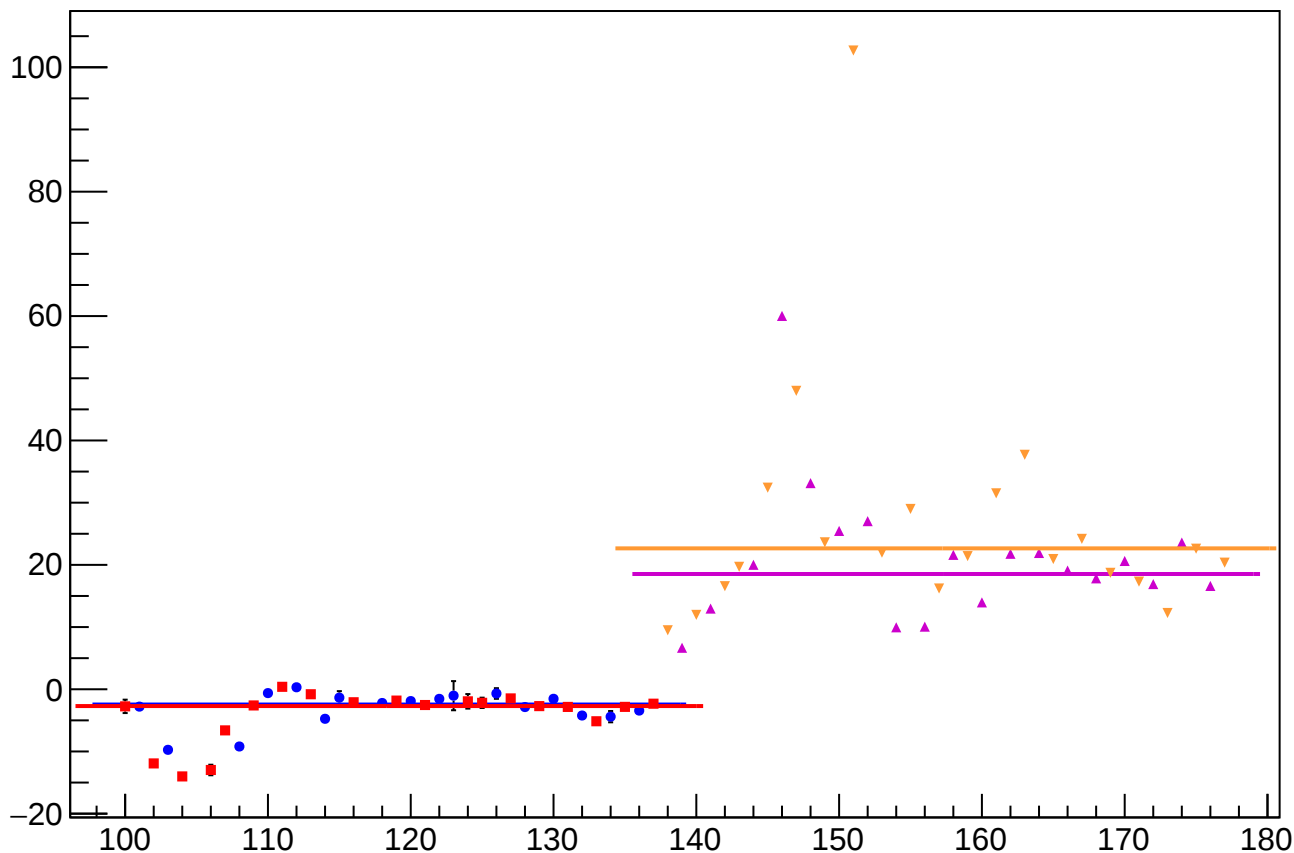
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.320 ± 0.031 χ^2/NDF : 3506.1/35

Out: 1.422 ± 0.032 χ^2/NDF : 4697.8/39

All: 1.369 ± 0.022 χ^2/NDF : 8209.0/75

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: 18.532 ± 0.046 χ^2/NDF : 35571.3/18

Left: 20.434 ± 0.034 χ^2/NDF : 93838.4/39

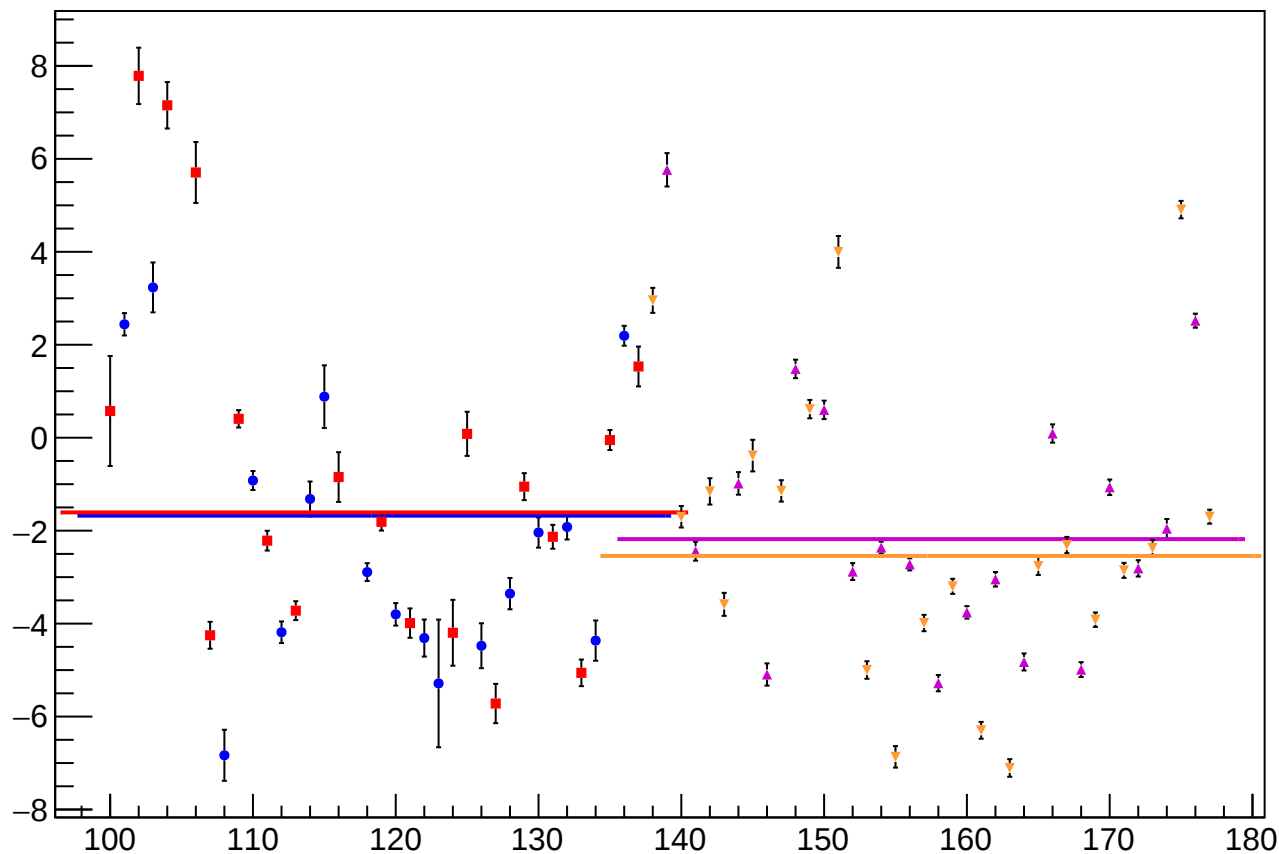
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 15.610 ± 0.043 χ^2/NDF : 64882.7/35

Out: 17.861 ± 0.045 χ^2/NDF : 104458.6/39

All: 16.683 ± 0.031 χ^2/NDF : 170662.2/75

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -2.544 ± 0.043 $\chi^2/\text{NDF}: 4482.8/20$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -2.182 ± 0.040 $\chi^2/\text{NDF}: 3387.6/18$

Left: -2.350 ± 0.029 $\chi^2/\text{NDF}: 7908.6/39$

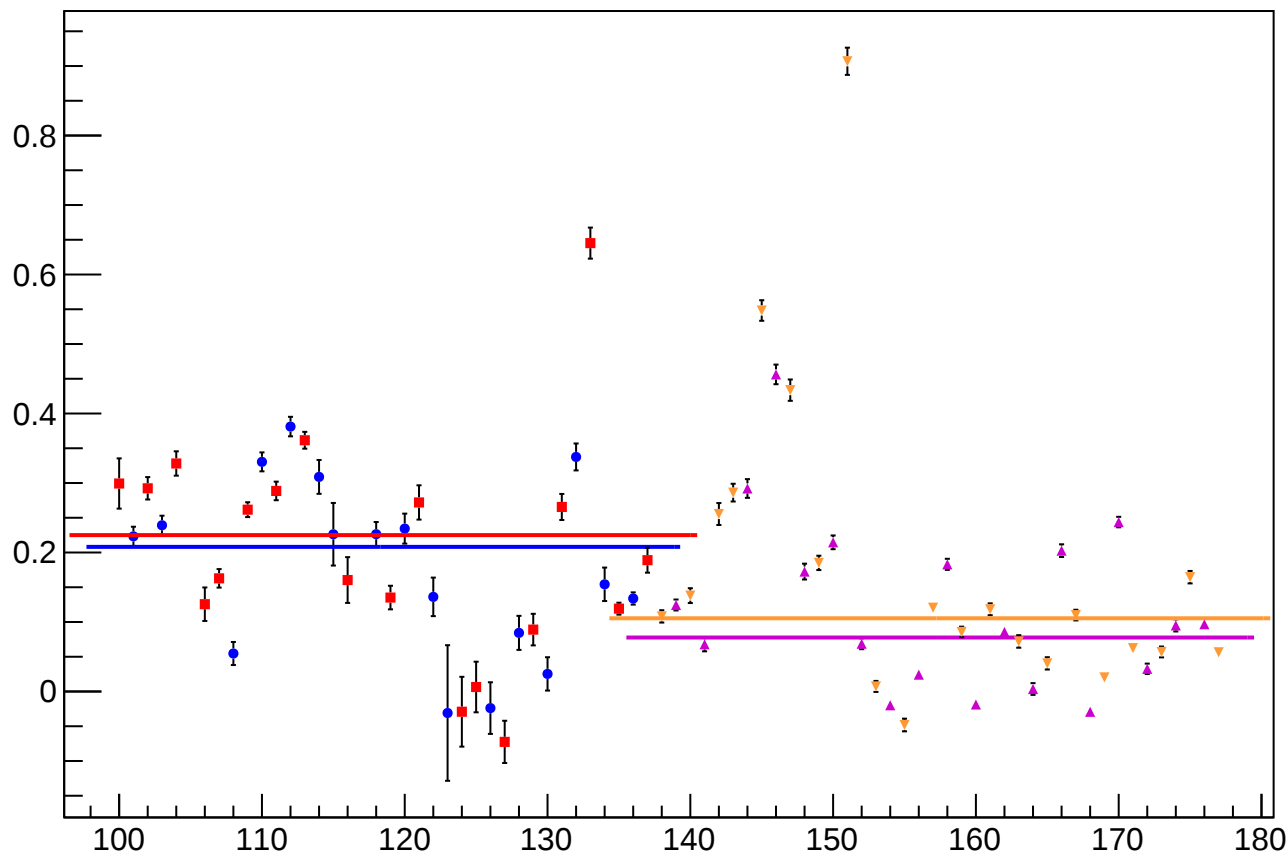
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -2.064 ± 0.035 $\chi^2/\text{NDF}: 4629.6/35$

Out: -2.277 ± 0.036 $\chi^2/\text{NDF}: 6049.5/39$

All: -2.166 ± 0.025 $\chi^2/\text{NDF}: 10696.9/75$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.105 $\pm$ 0.002 χ^2 /NDF:4233.6/20

Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18

Left In: 0.078 $\pm$ 0.002 χ^2 /NDF:3241.1/18

Left: 0.090 $\pm$ 0.001 χ^2 /NDF: 7589.6/39

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.096 $\pm$ 0.002 χ^2 /NDF:4645.5/35

Out: 0.129 $\pm$ 0.002 χ^2 /NDF:6013.6/39

All: 0.112 $\pm$ 0.001 χ^2 /NDF: 10860.1/75