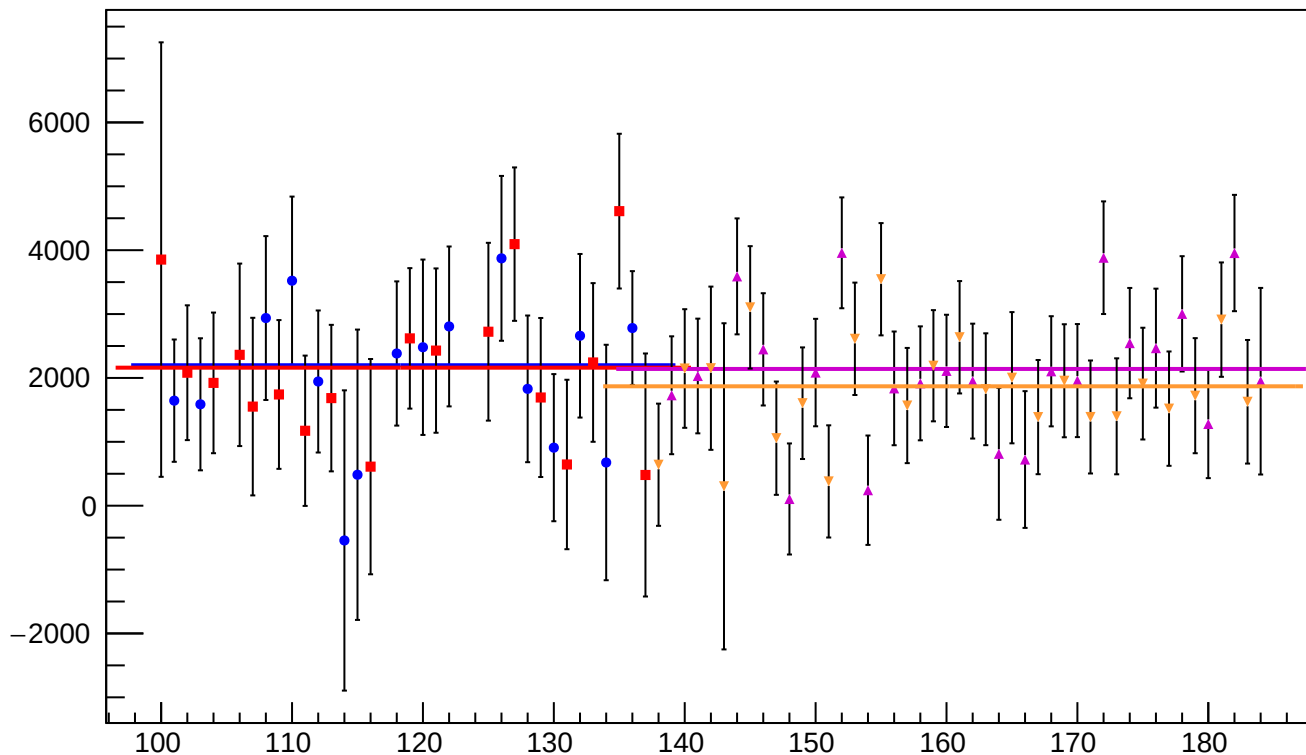


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880 $\pm$ 306.767

χ^2/NDF : 8.6/15

Left Out: 1869.020 $\pm$ 189.692

χ^2/NDF : 15.5/23

Right Out: 2160.742 $\pm$ 303.587

χ^2/NDF : 11.7/17

Left In: 2140.787 $\pm$ 189.296

χ^2/NDF : 31.5/22

Left: 2053.727 $\pm$ 113.832

χ^2/NDF : 48.0/46

Right: 2179.612 $\pm$ 215.784

χ^2/NDF : 20.3/33

In: 2156.807 $\pm$ 161.094

χ^2/NDF : 40.2/38

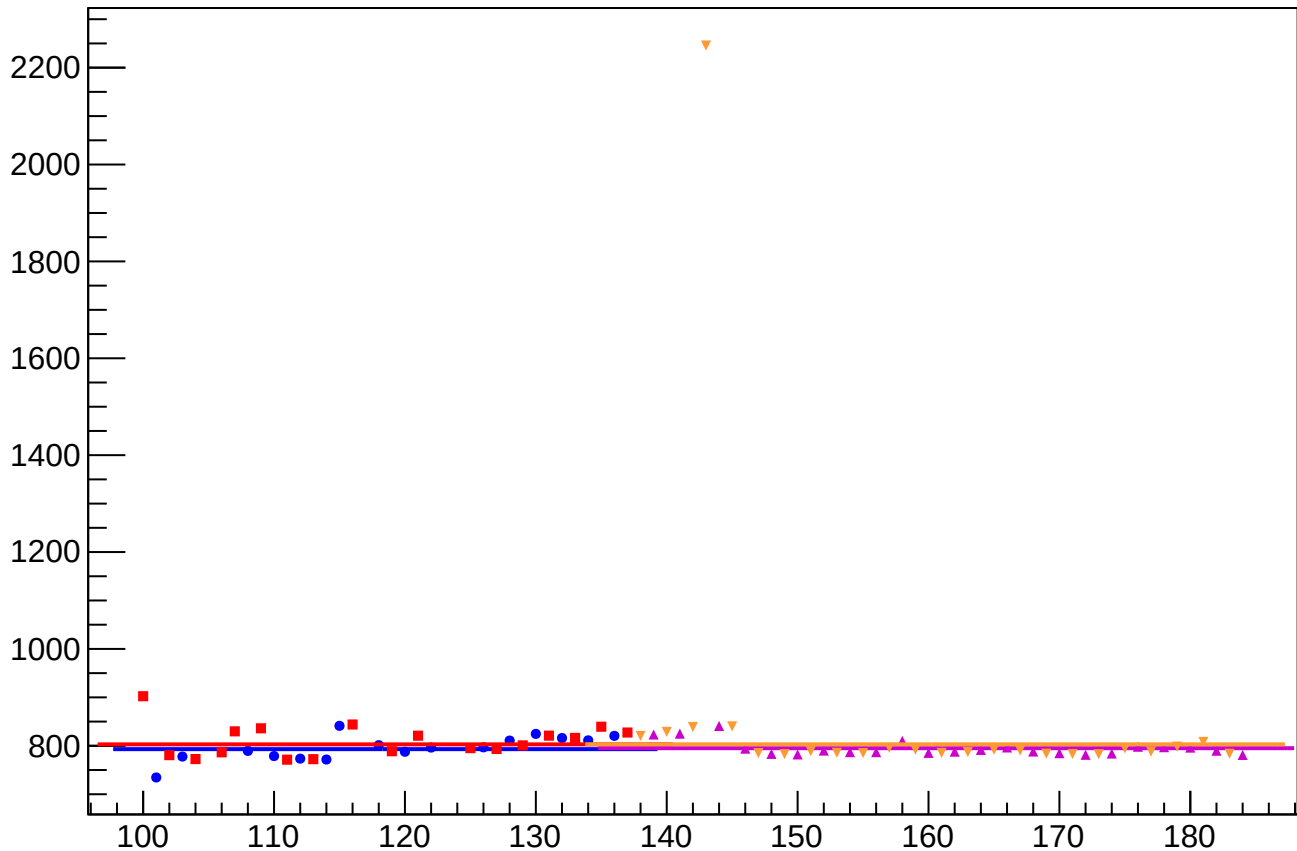
Out: 1950.933 $\pm$ 160.870

χ^2/NDF : 27.8/41

All: 2053.727 $\pm$ 113.832

χ^2/NDF : 68.8/80

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 795.046 ± 0.134 χ^2/NDF : 12905.4/22

Left: 799.030 ± 0.095 χ^2/NDF : 671219.6/46

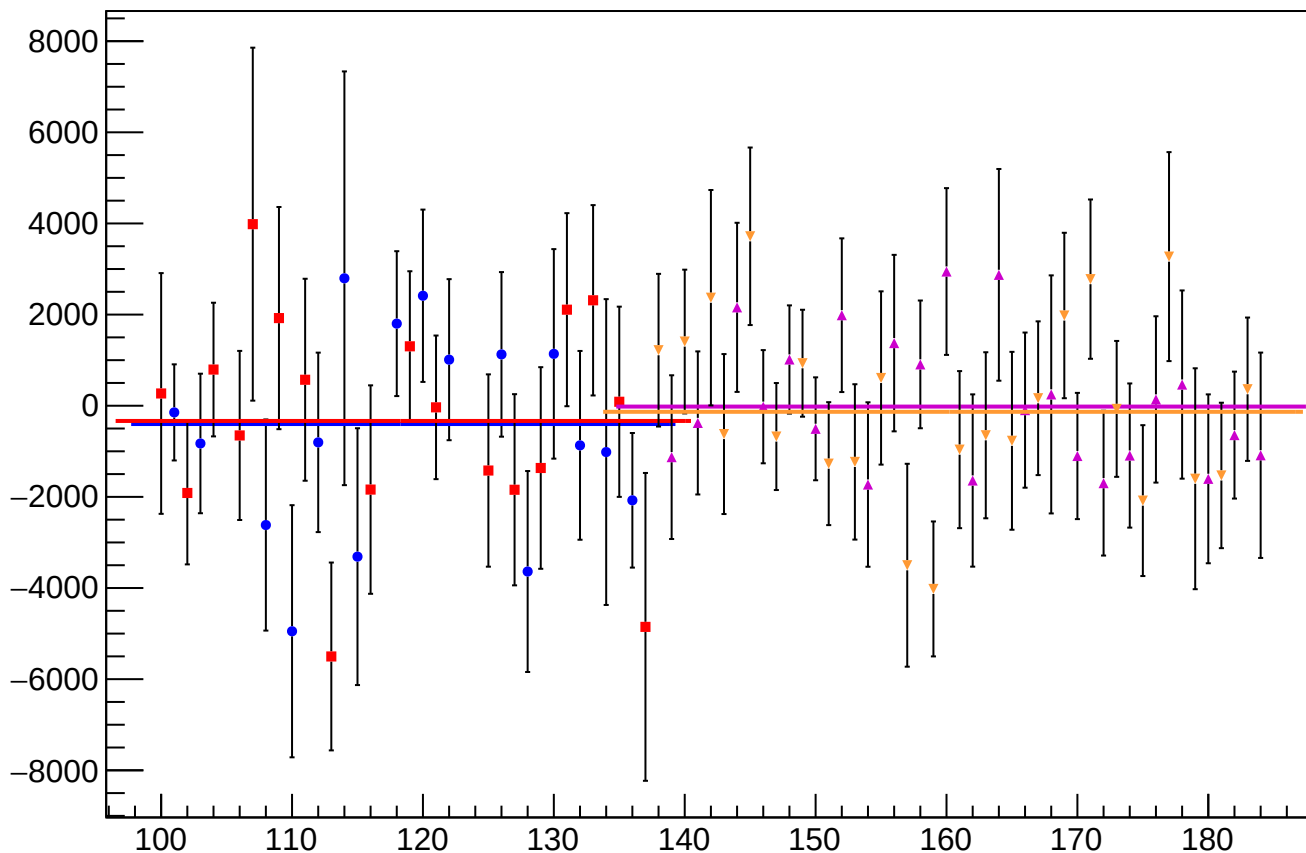
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

In: 794.507 ± 0.114 χ^2/NDF : 27667.3/38

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

All: 798.763 ± 0.080 χ^2/NDF : 701439.7/80

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464+/-468.669 χ^2/NDF : 14.8/15

Left Out: -133.078+/-339.805 χ^2/NDF : 27.6/23

Right Out: -333.998+/-478.476 χ^2/NDF : 17.5/17

Left In: -18.629+/-339.158 χ^2/NDF : 14.4/22

Left: -75.744+/-240.049 χ^2/NDF : 42.0/46

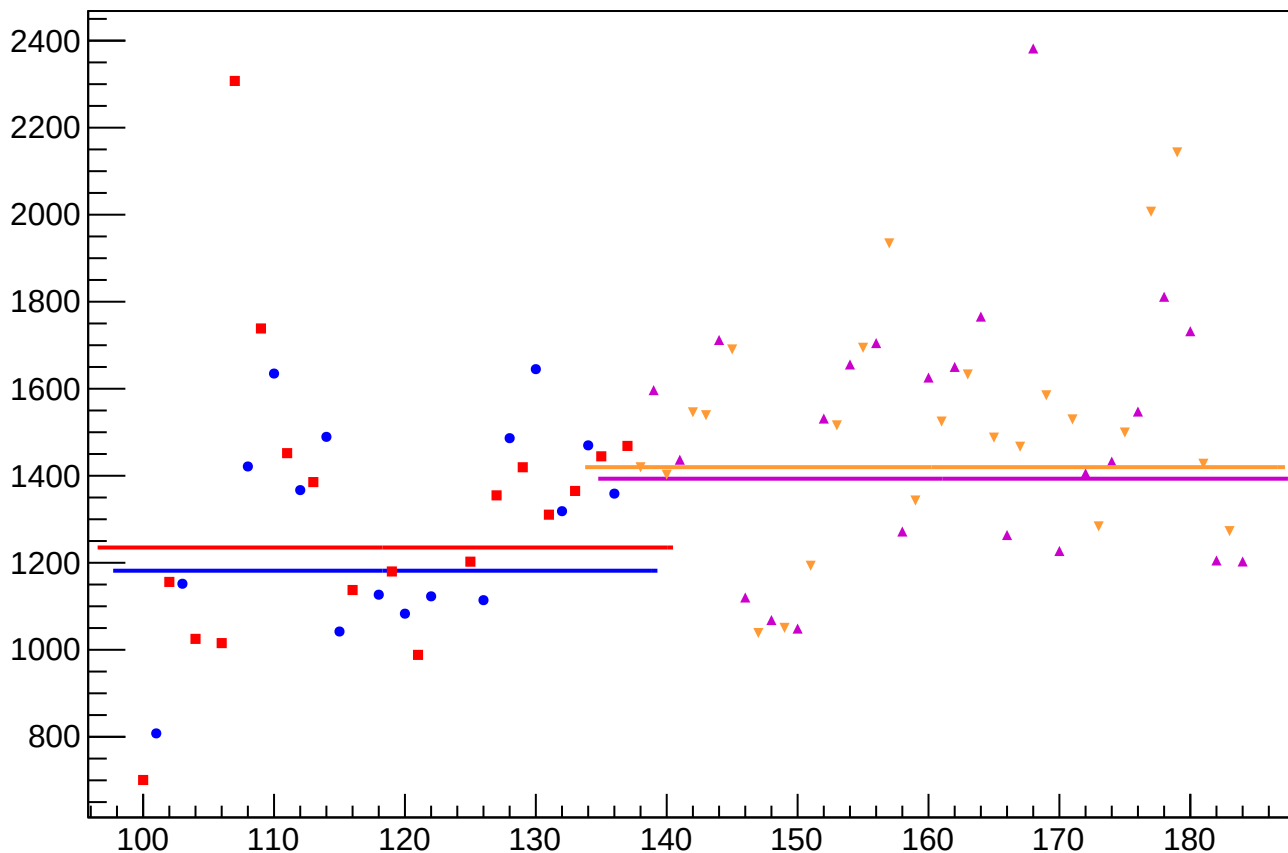
Right: -368.430+/-334.812 χ^2/NDF : 32.3/33

In: -150.209+/-274.760 χ^2/NDF : 29.6/38

Out: -200.439+/-277.047 χ^2/NDF : 45.2/41

All: -175.116+/-195.089 χ^2/NDF : 74.8/80

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1393.228 $\pm$ 0.240 χ^2 /NDF: 1304180.4/22

Left: 1406.468 $\pm$ 0.170 χ^2 /NDF: 2400809.0/46

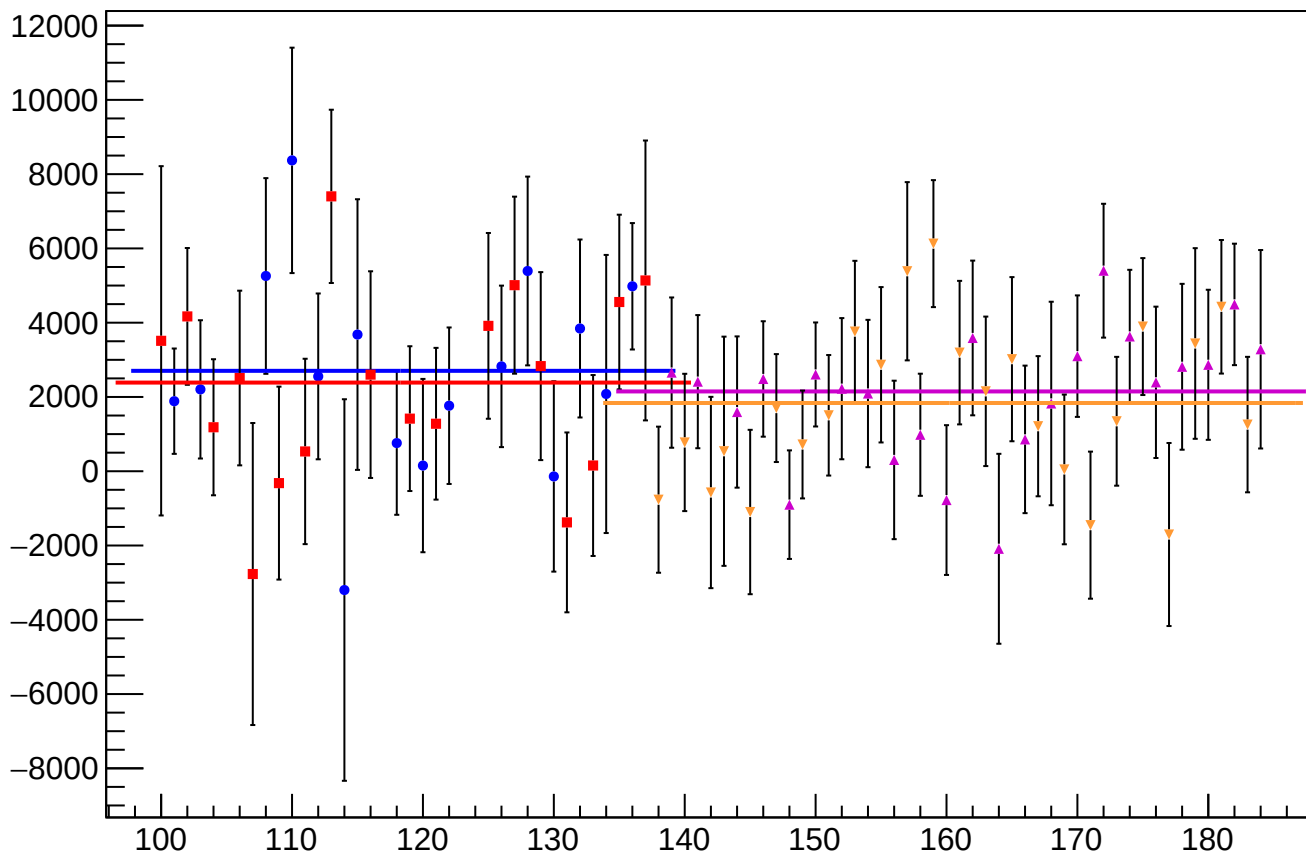
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1320.549 $\pm$ 0.194 χ^2 /NDF: 2114889.3/38

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

All: 1339.043 $\pm$ 0.138 χ^2 /NDF: 3961964.3/80

asym_us_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2148.867 $\pm$ 391.716 χ^2/NDF : 18.4/22

Left: 1994.618 $\pm$ 278.106 χ^2/NDF : 44.4/46

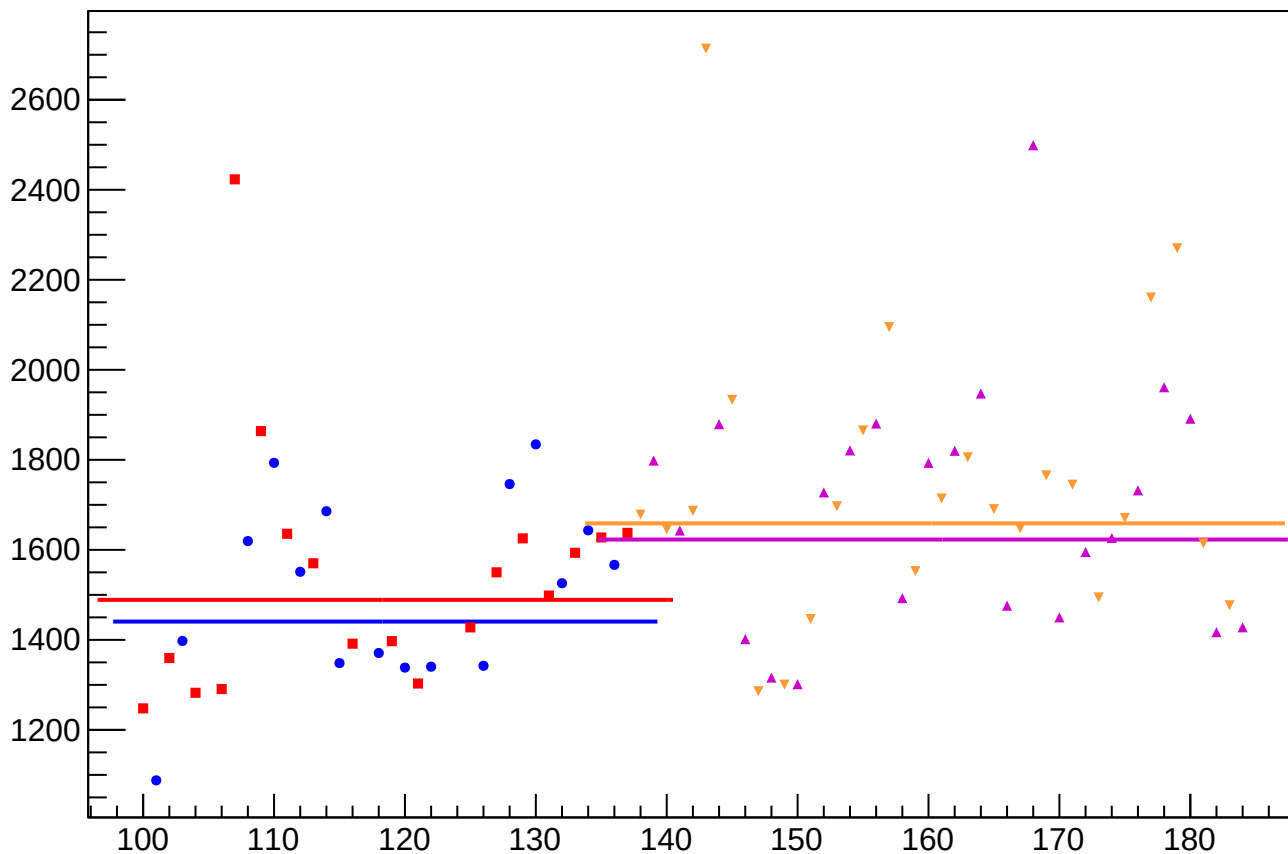
Right: 2546.843 $\pm$ 400.838 χ^2/NDF : 29.3/33

In: 2329.191 $\pm$ 321.824 χ^2/NDF : 32.1/38

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

All: 2174.064 $\pm$ 228.496 χ^2/NDF : 75.0/80

asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1622.876 $\pm$ 0.277 χ^2/NDF : 780522.2/22

Left: 1640.717 $\pm$ 0.197 χ^2/NDF : 1693230.1/46

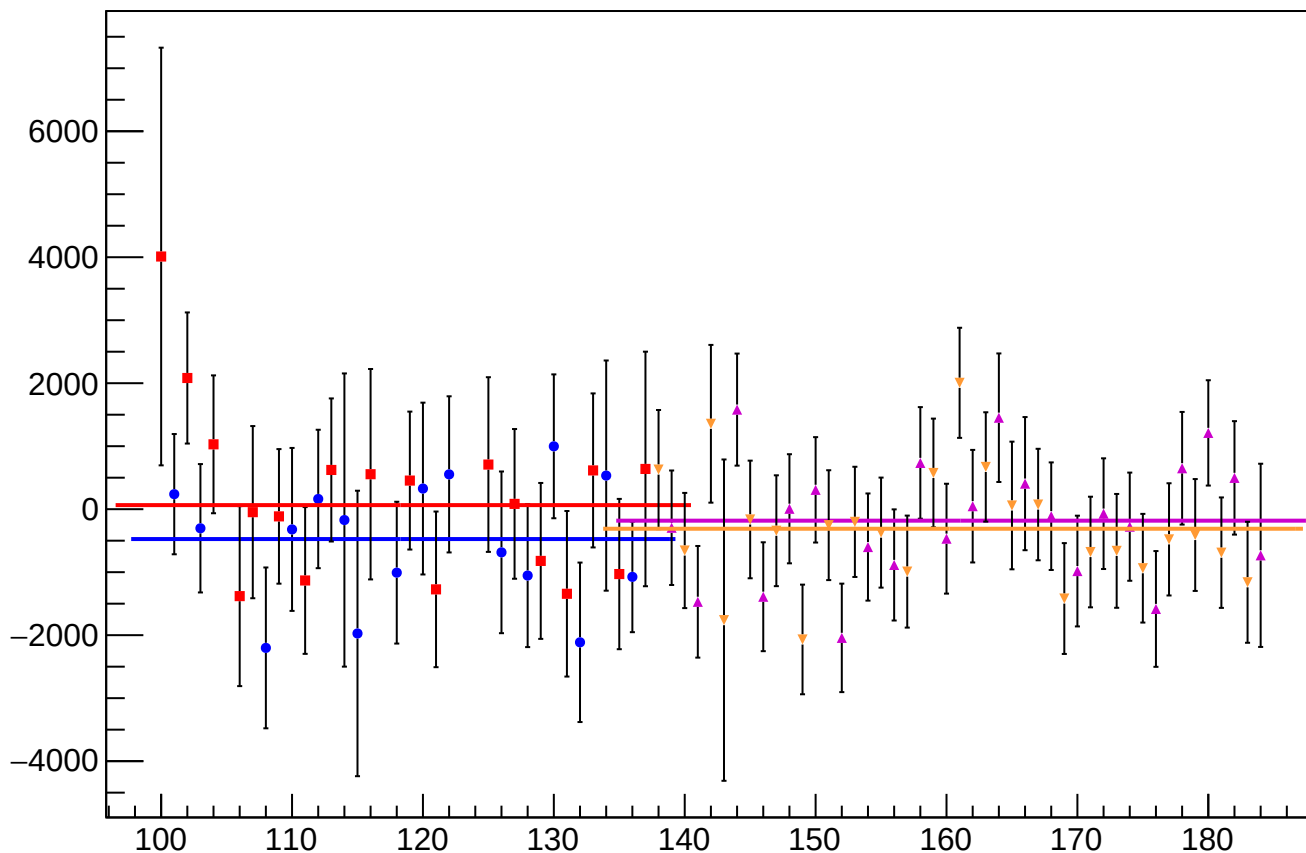
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1563.651 $\pm$ 0.228 χ^2/NDF : 1203453.5/38

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

All: 1583.486 $\pm$ 0.162 χ^2/NDF : 2500238.8/80

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -310.493 $\pm$ 187.769 χ^2/NDF : 21.1/23

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

Left In: -182.204 $\pm$ 187.476 χ^2/NDF : 25.6/22

Left: -246.248 $\pm$ 132.669 χ^2/NDF : 46.9/46

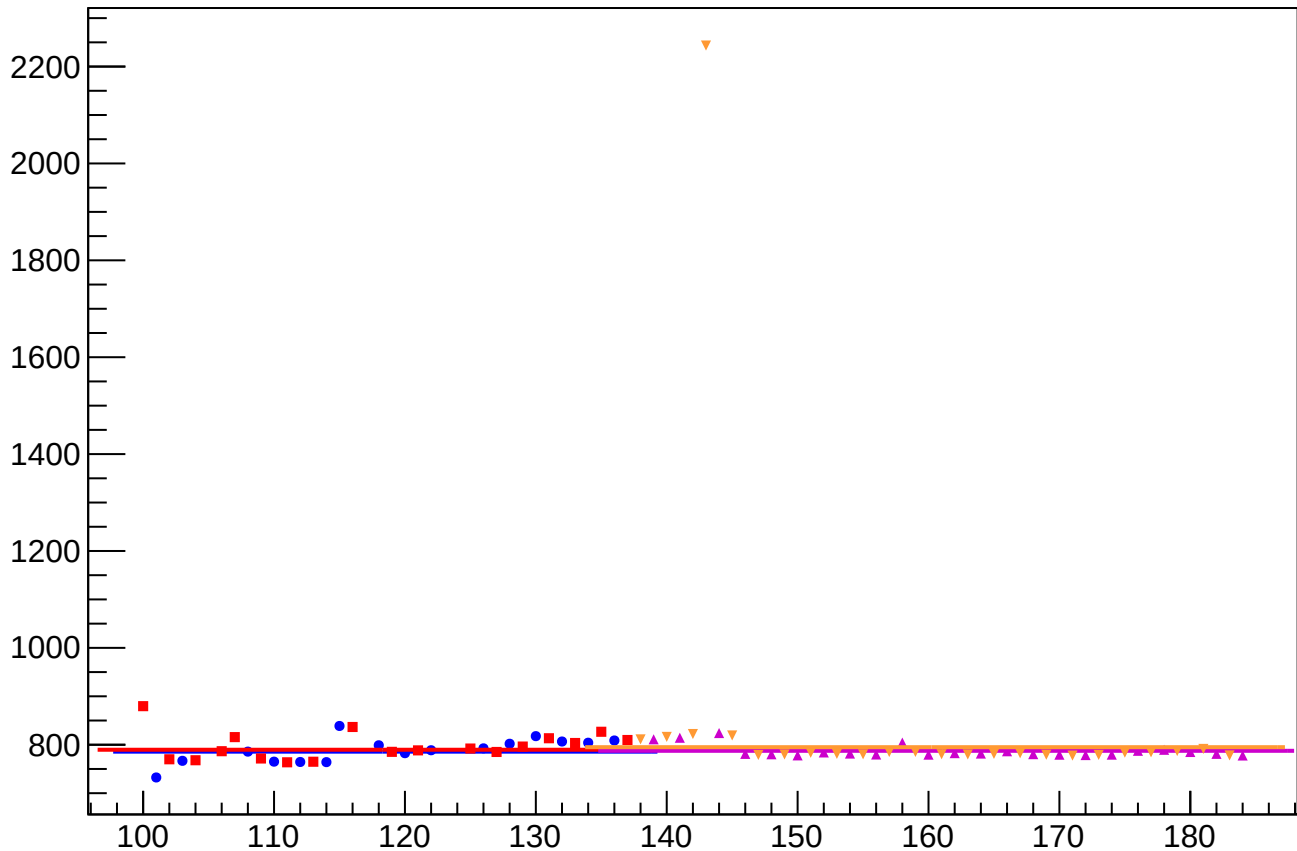
Right: -199.789 $\pm$ 212.921 χ^2/NDF : 23.2/33

In: -262.672 $\pm$ 159.560 χ^2/NDF : 35.2/38

Out: -204.073 $\pm$ 158.923 χ^2/NDF : 34.9/41

All: -233.255 $\pm$ 112.600 χ^2/NDF : 70.1/80

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 794.957 $\pm$ 0.133 χ^2 /NDF: 657551.1/23

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

Left In: 787.487 $\pm$ 0.133 χ^2 /NDF: 9284.4/22

Left: 791.216 $\pm$ 0.094 χ^2 /NDF: 668420.6/46

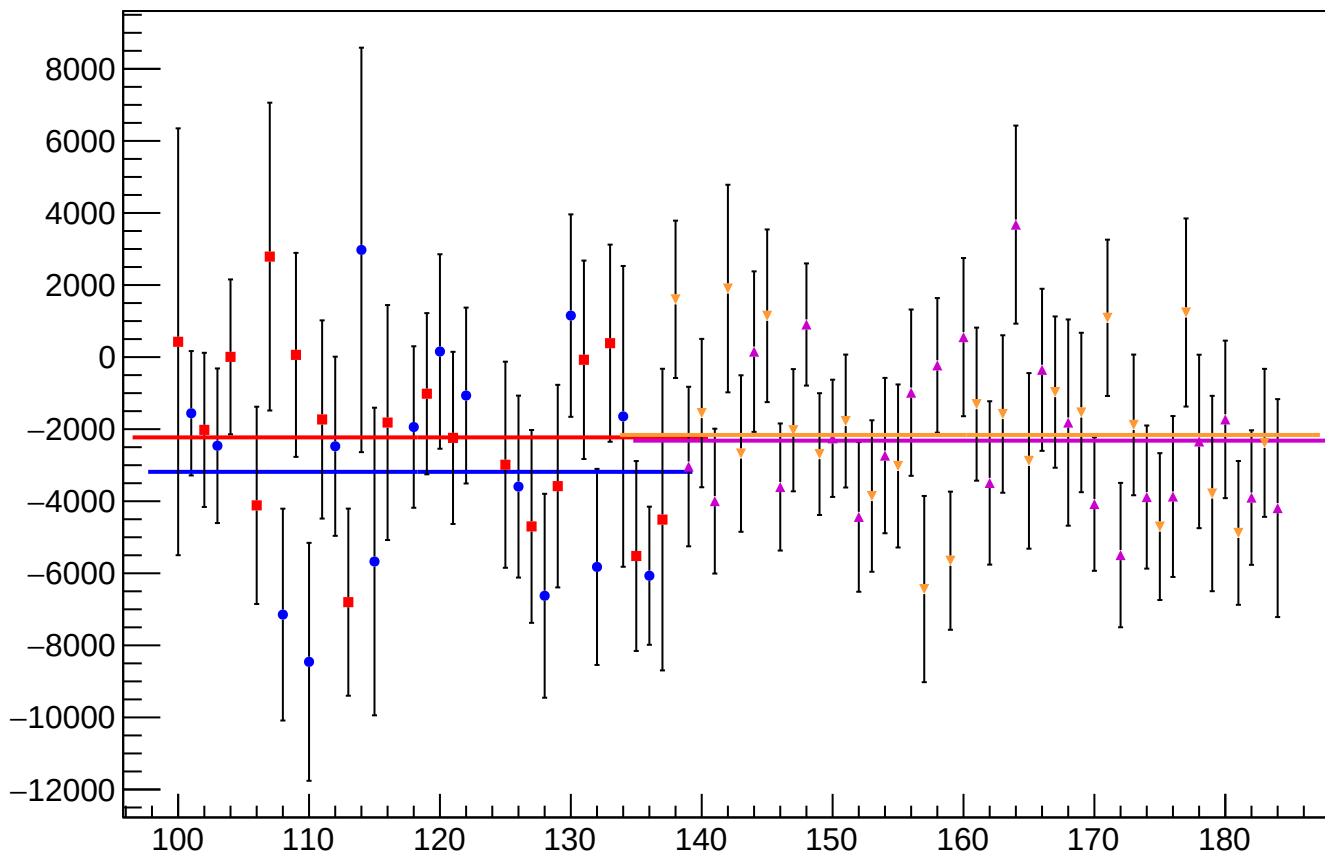
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 787.007 $\pm$ 0.113 χ^2 /NDF: 23253.4/38

Out: 793.459 $\pm$ 0.112 χ^2 /NDF: 669009.9/41

All: 790.246 $\pm$ 0.080 χ^2 /NDF: 693904.8/80

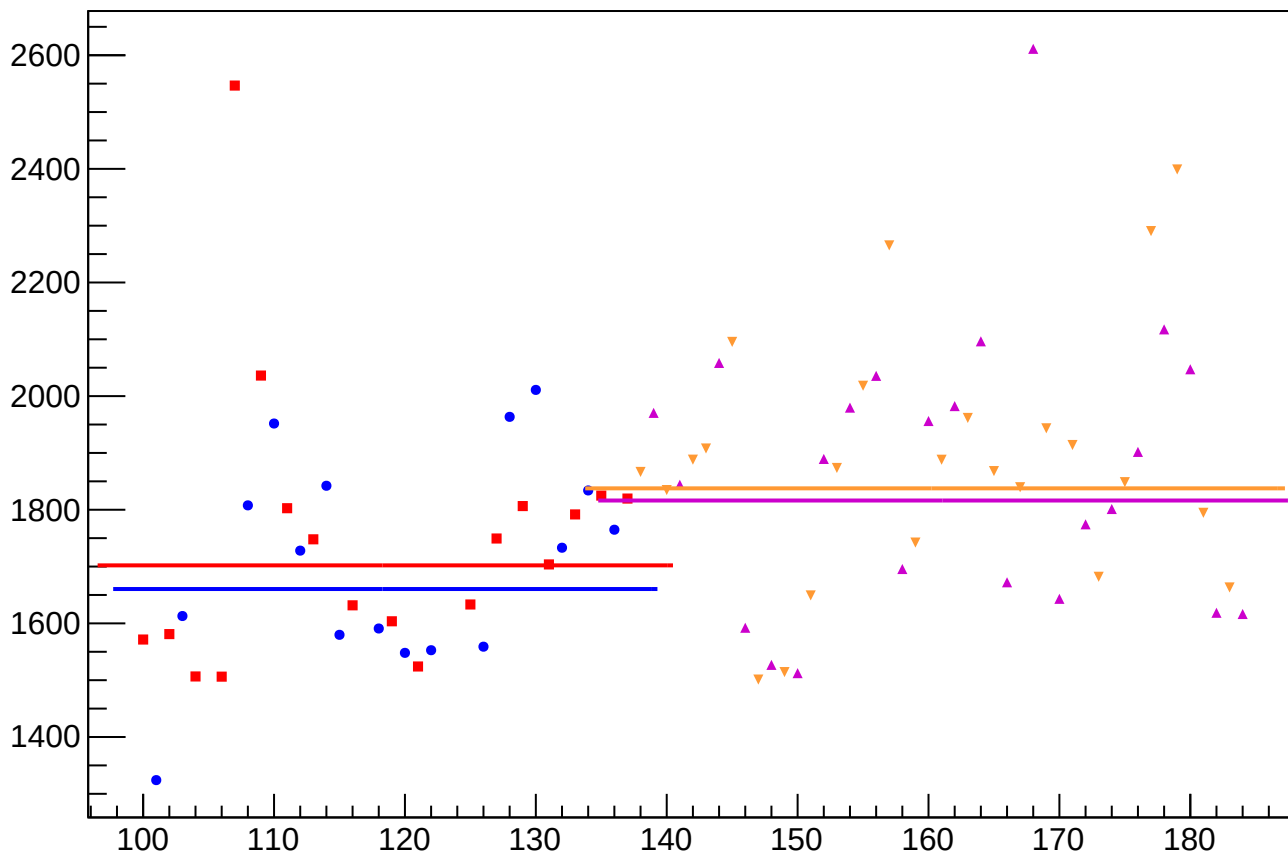
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2160.253 ± 434.182 $\chi^2/\text{NDF}: 22.5/23$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -2318.636 ± 436.503 $\chi^2/\text{NDF}: 22.1/22$

Left: -2239.022 ± 307.830 $\chi^2/\text{NDF}: 44.6/46$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2589.270 ± 361.916 $\chi^2/\text{NDF}: 40.1/38$
 Out: -2181.271 ± 360.707 $\chi^2/\text{NDF}: 34.3/41$
 All: -2384.588 ± 255.485 $\chi^2/\text{NDF}: 75.0/80$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1816.261 $\pm$ 0.309 χ^2 /NDF: 542704.9/22

Left: 1827.019 $\pm$ 0.218 χ^2 /NDF: 1006161.8/46

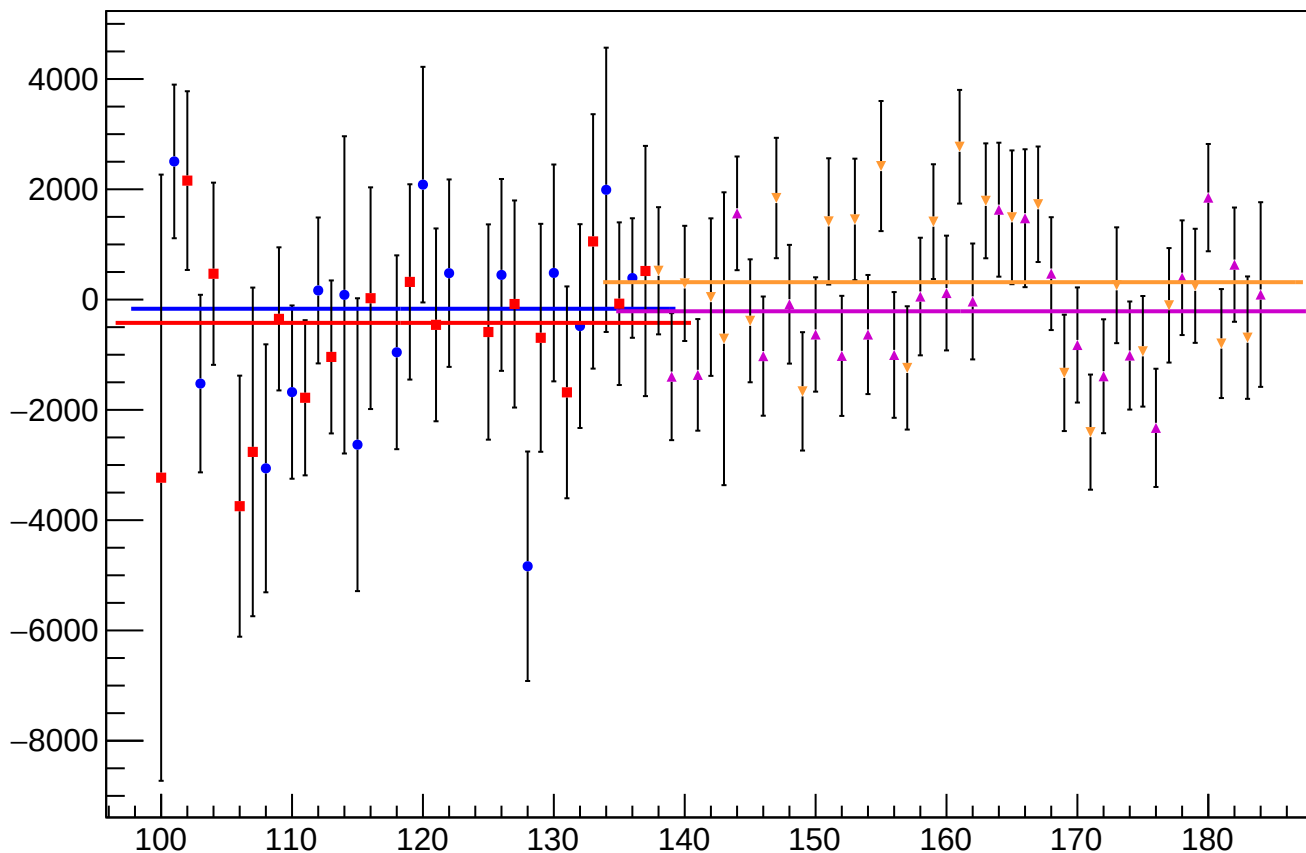
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

In: 1767.566 $\pm$ 0.256 χ^2 /NDF: 801546.6/38

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

All: 1781.661 $\pm$ 0.181 χ^2 /NDF: 1501049.0/80

asym_us_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -212.080+/-224.701 χ^2/NDF : 23.7/22

Left: 51.127+/-159.079 χ^2/NDF : 64.2/46

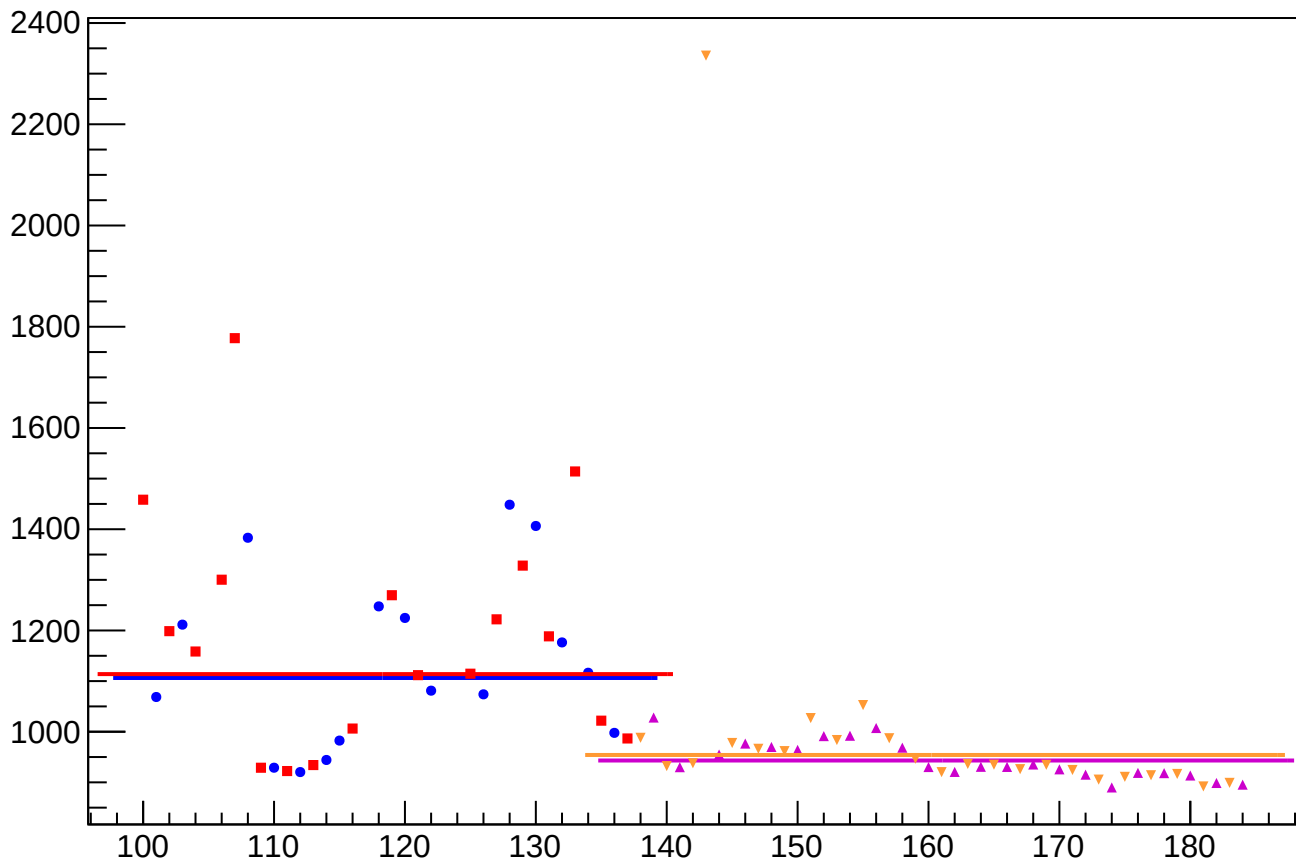
Right: -295.954+/-304.038 χ^2/NDF : 24.0/33

In: -202.369+/-199.414 χ^2/NDF : 39.4/38

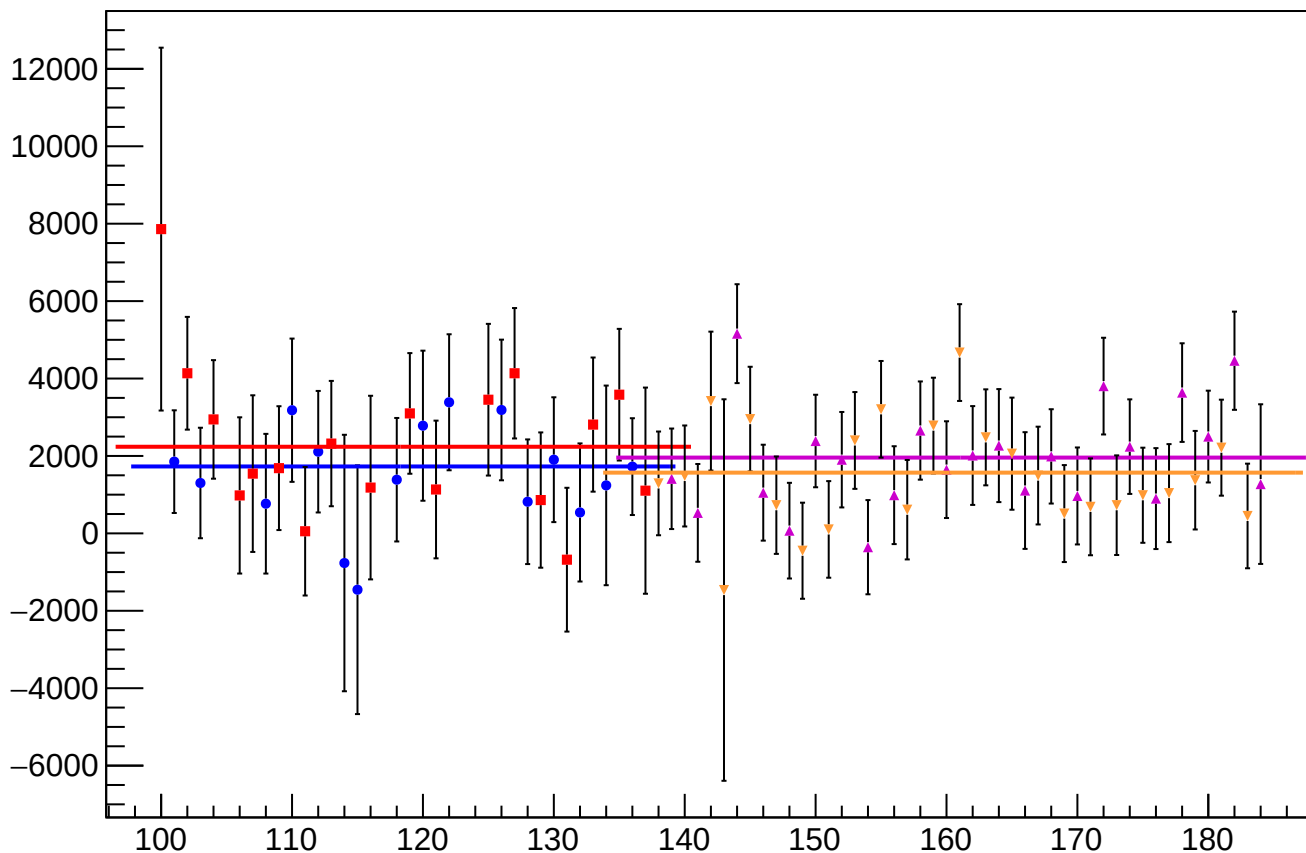
Out: 155.151+/-199.258 χ^2/NDF : 48.2/41

All: -23.469+/-140.951 χ^2/NDF : 89.2/80

asym_us_dd_rms vs Slug, Sign Corrected



dit_asym_usl_mean vs Slug, Sign Corrected



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

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

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

Left In: 1957.687 $\pm$ 267.470 χ^2 /NDF:25.1/22

Left: 1763.960 $\pm$ 189.447 χ^2 /NDF: 46.7/46

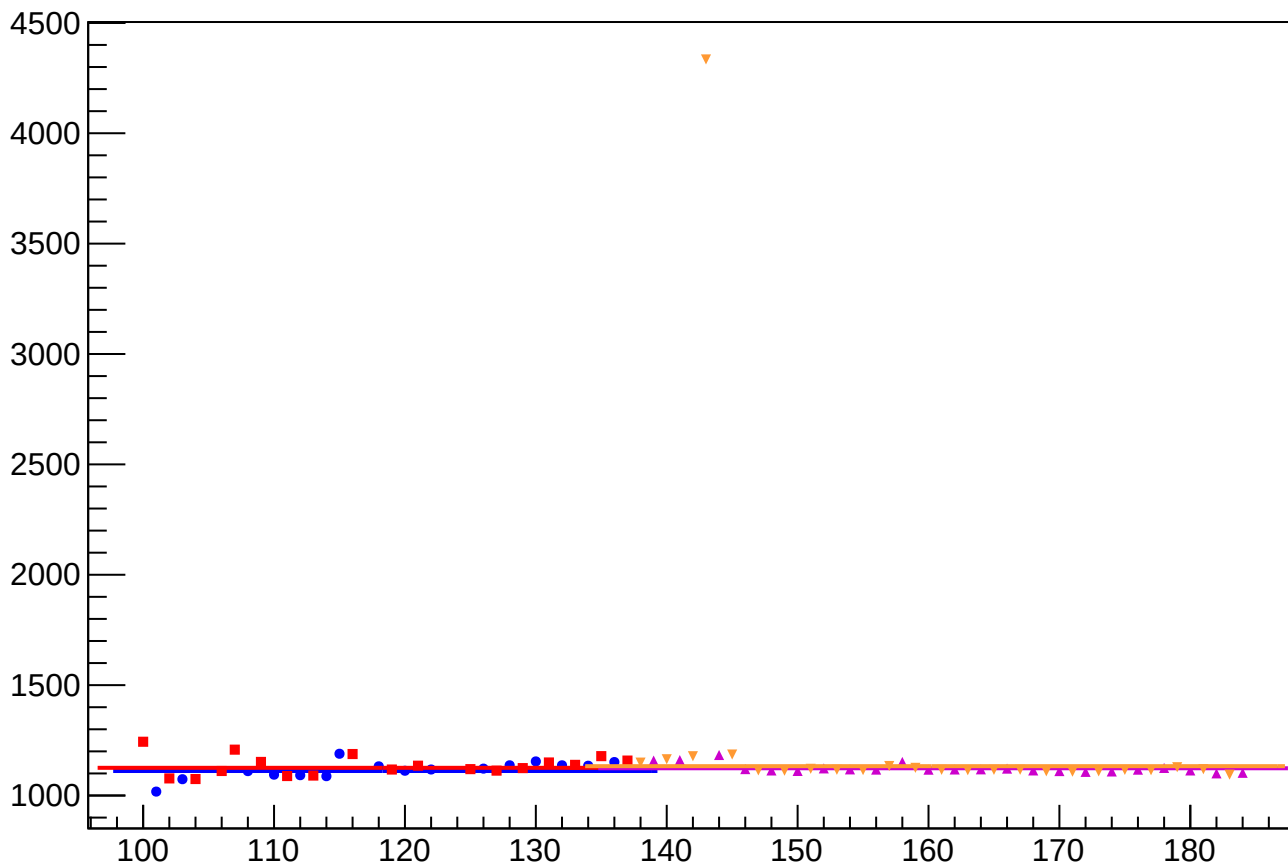
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1893.698 $\pm$ 227.088 χ^2 /NDF:30.7/38

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

All: 1826.457 $\pm$ 160.539 χ^2 /NDF: 65.4/80

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1132.968 $\pm$ 0.190 χ^2 /NDF: 858190.7/23

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

Left In: 1123.430 $\pm$ 0.189 χ^2 /NDF: 11176.4/22

Left: 1128.183 $\pm$ 0.134 χ^2 /NDF: 870634.3/46

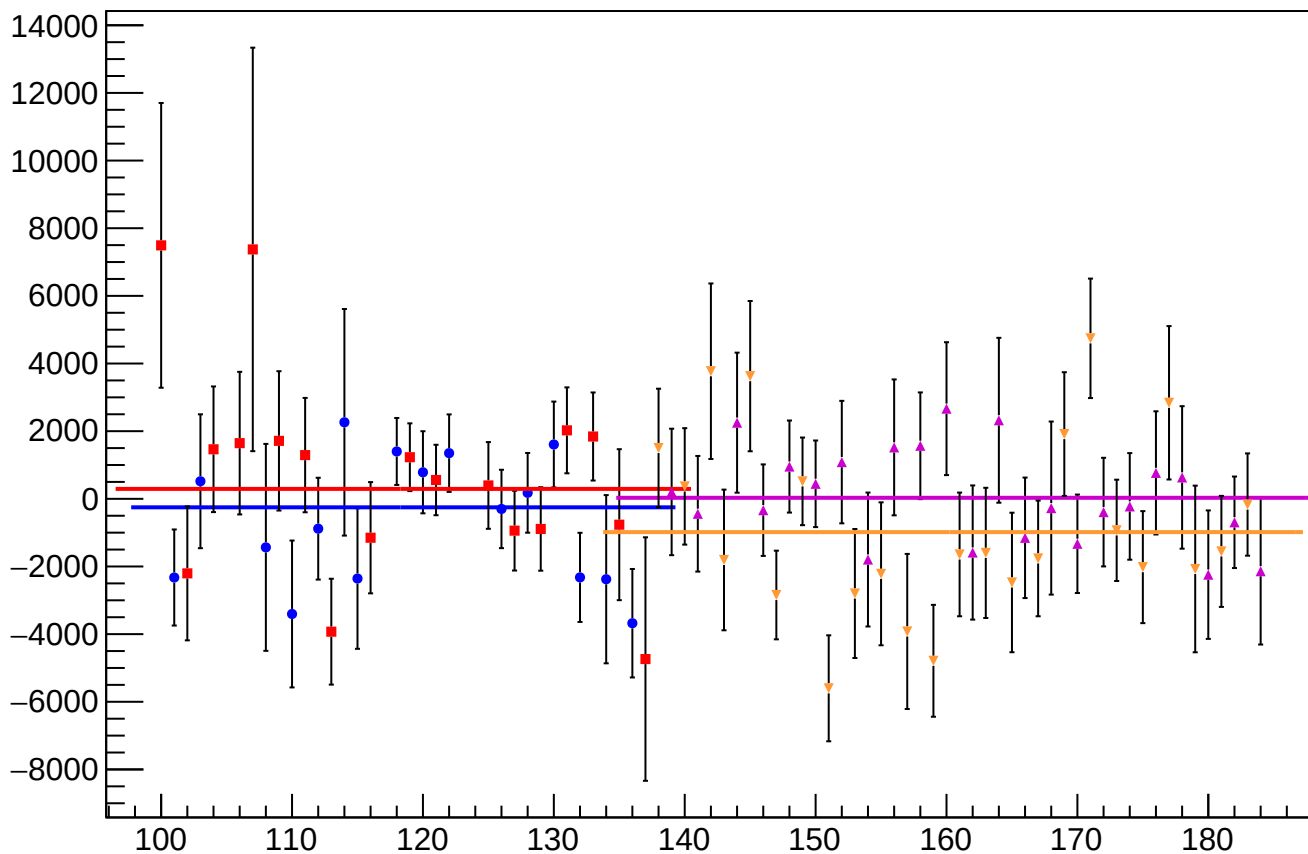
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1119.972 $\pm$ 0.161 χ^2 /NDF: 30465.2/38

Out: 1130.841 $\pm$ 0.161 χ^2 /NDF: 874512.9/41

All: 1125.409 $\pm$ 0.114 χ^2 /NDF: 907269.9/80

asym_usl_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 30.596 $\pm$ 359.328 χ^2/NDF : 12.3/22

Left: -472.866 $\pm$ 255.021 χ^2/NDF : 64.8/46

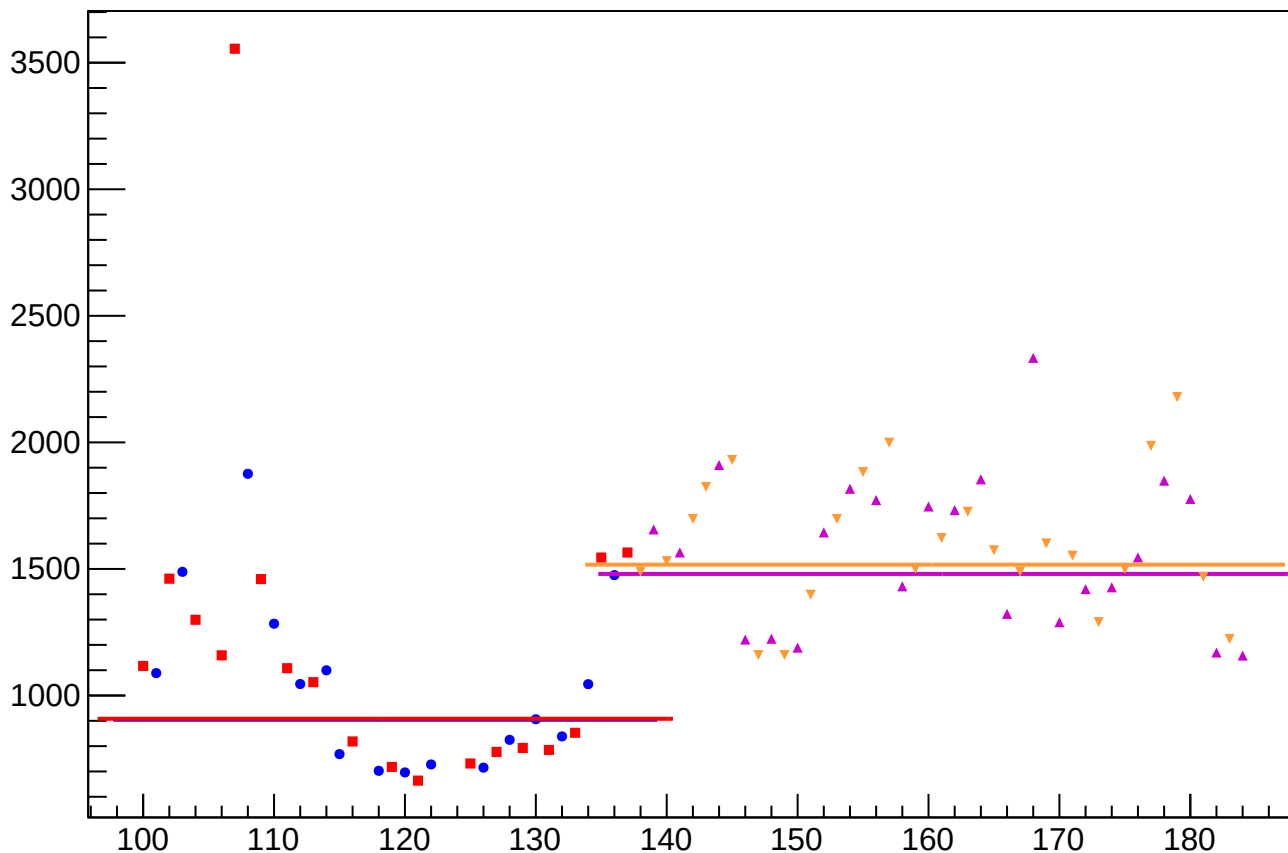
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: -108.177 $\pm$ 256.048 χ^2/NDF : 34.4/38

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

All: -227.023 $\pm$ 181.087 χ^2/NDF : 113.6/80

asym_usl_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1480.347+/-0.254 χ^2/NDF : 1131004.9/22

Left: 1498.516+/-0.180 χ^2/NDF : 2133518.2/46

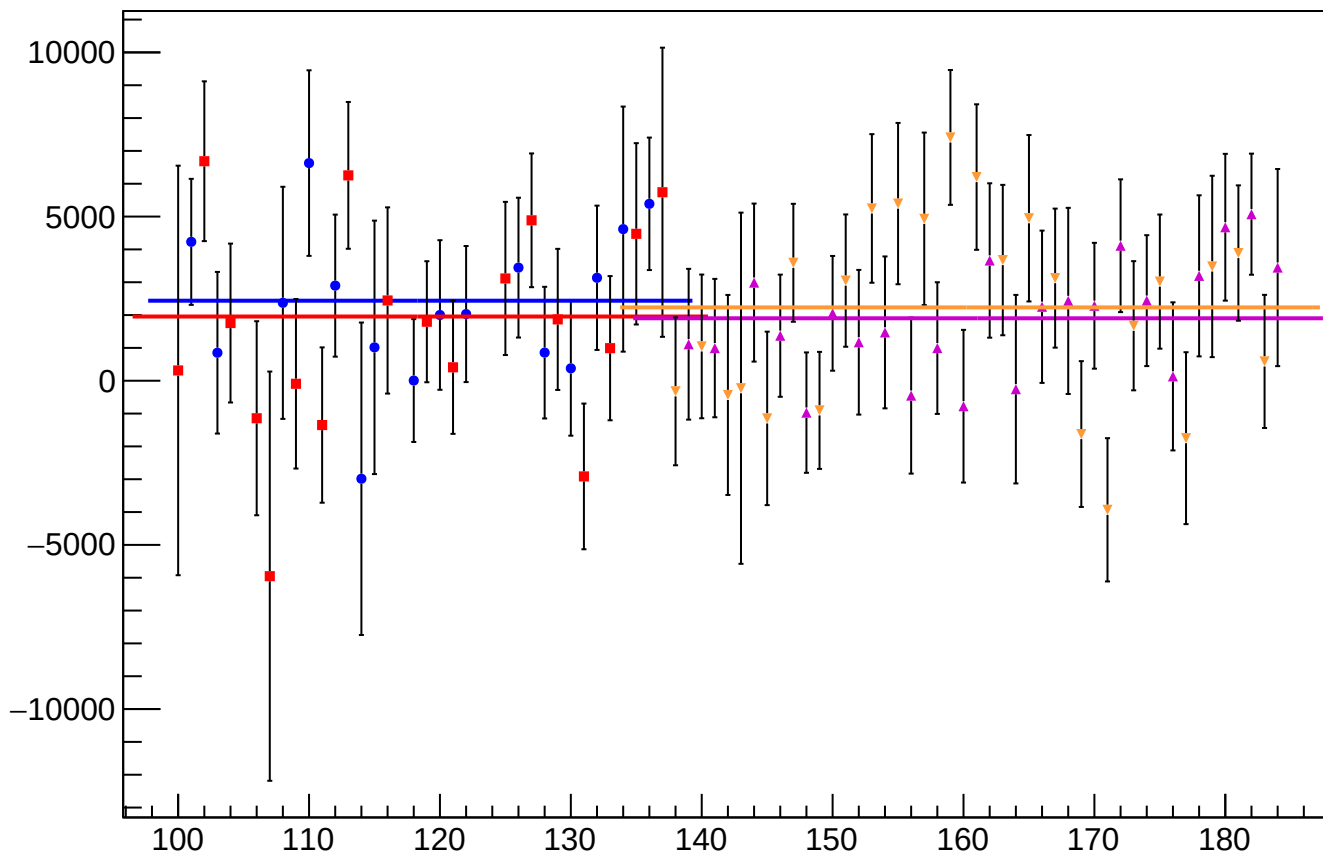
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1196.888+/-0.181 χ^2/NDF : 4680542.0/38

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

All: 1204.926+/-0.128 χ^2/NDF : 9882302.9/80

asym_usl_mean vs Slug, Sign Corrected



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

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

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

Left In: 1901.797 $\pm$ 453.879 χ^2 /NDF:13.9/22

Left: 2065.777 $\pm$ 322.752 χ^2 /NDF: 53.0/46

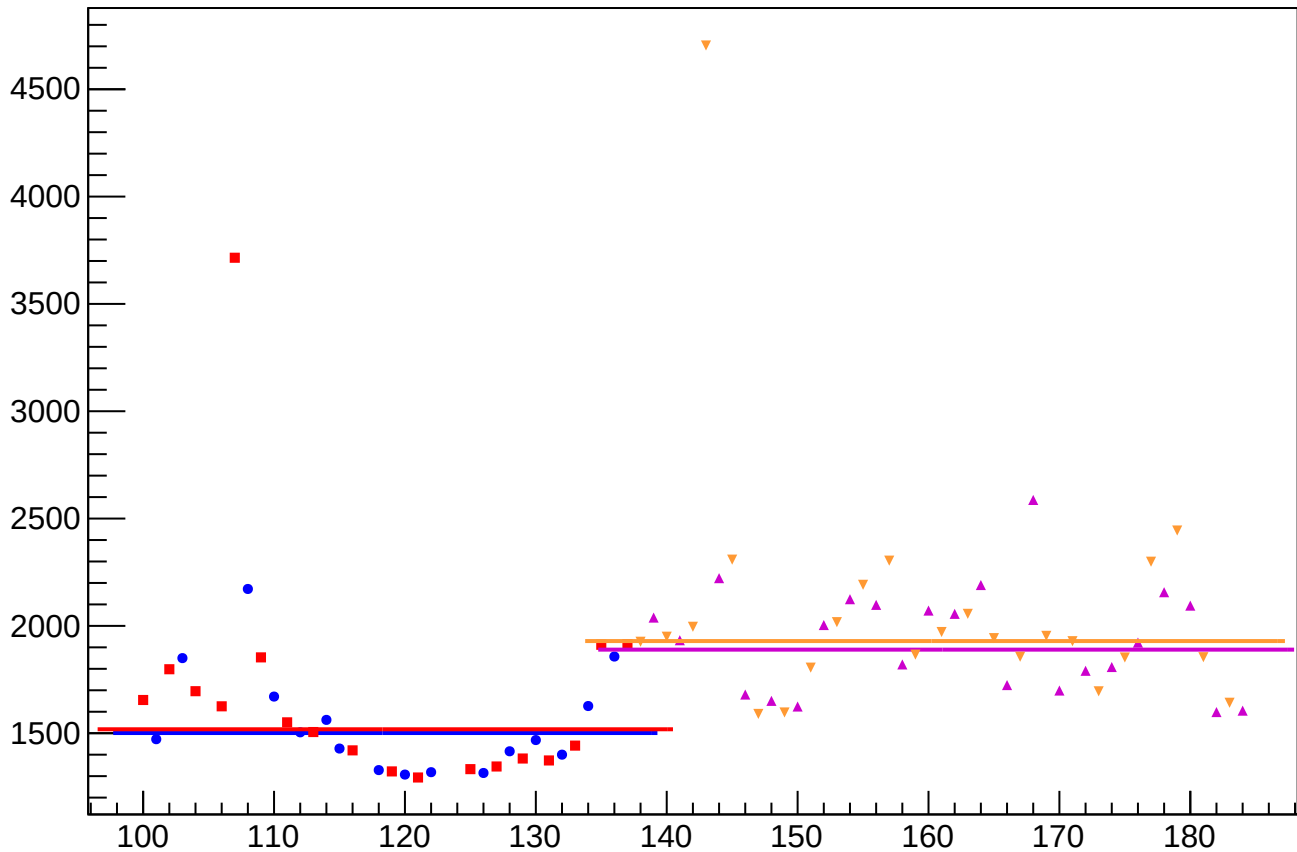
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 2102.571 $\pm$ 358.886 χ^2 /NDF:25.5/38

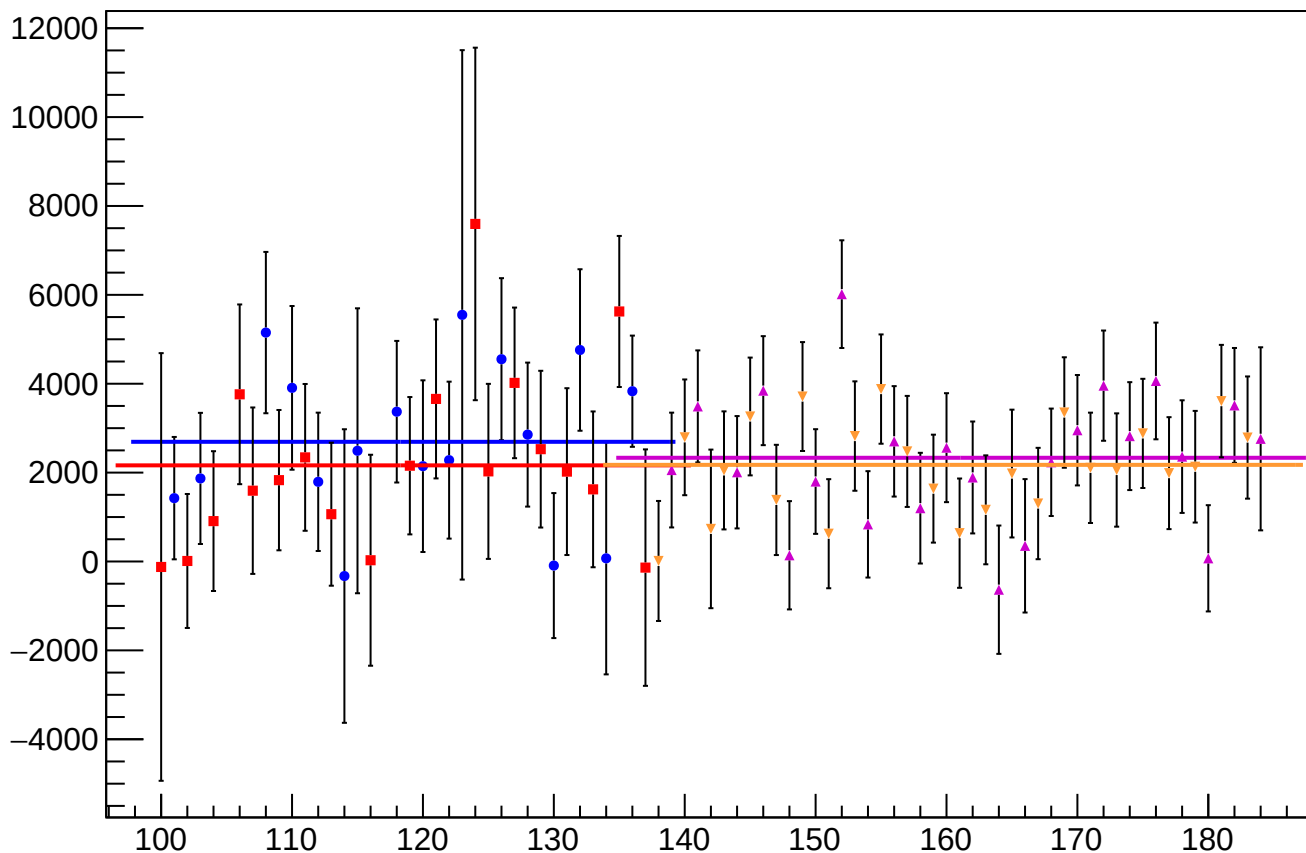
Out: 2127.516 $\pm$ 360.919 χ^2 /NDF:61.4/41

All: 2114.973 $\pm$ 254.487 χ^2 /NDF: 86.9/80

asym_usl_rms vs Slug, Sign Corrected



dit_asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2333.582 $\pm$ 265.340 χ^2/NDF : 32.1/22

Left: 2252.705 $\pm$ 186.177 χ^2/NDF : 47.9/46

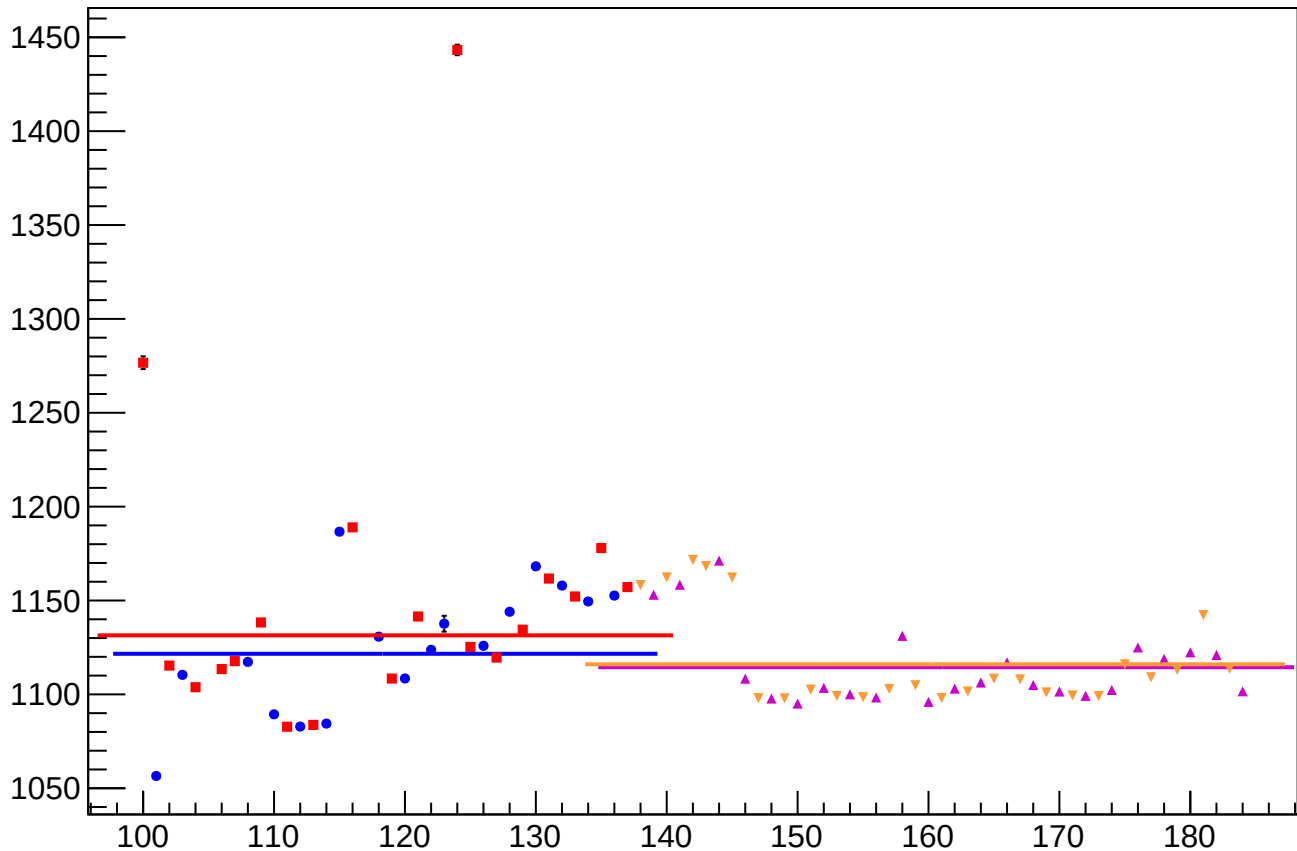
Right: 2422.596 $\pm$ 302.740 χ^2/NDF : 26.8/35

In: 2431.830 $\pm$ 226.185 χ^2/NDF : 44.8/39

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

All: 2299.325 $\pm$ 158.588 χ^2/NDF : 74.9/82

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 ± 0.306 χ^2/NDF : 11980.2/16

Left Out: 1116.026 ± 0.185 χ^2/NDF : 17011.8/23

Right Out: 1131.451 ± 0.300 χ^2/NDF : 23111.7/18

Left In: 1114.473 ± 0.188 χ^2/NDF : 12263.8/22

Left: 1115.262 ± 0.132 χ^2/NDF : 29310.3/46

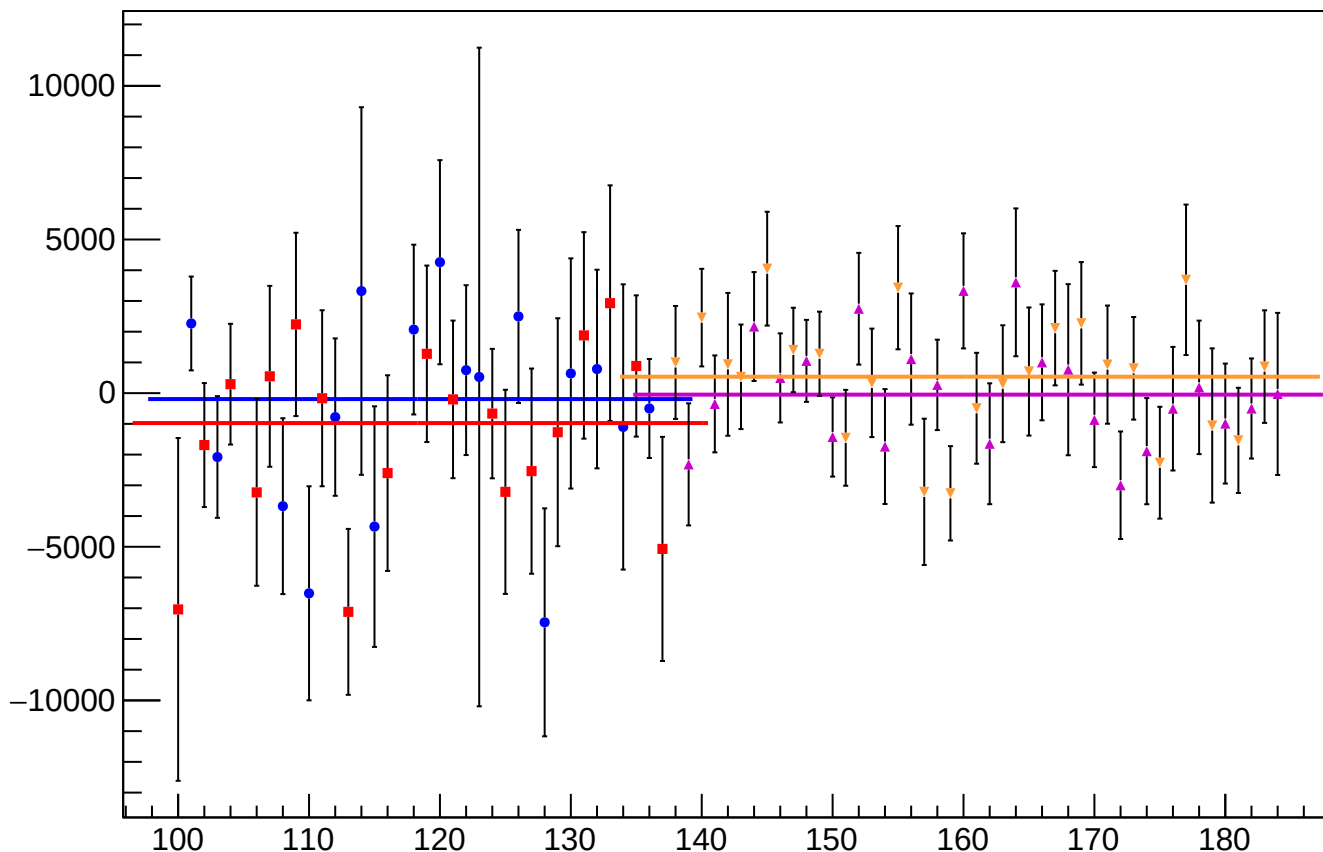
Right: 1126.640 ± 0.214 χ^2/NDF : 35618.4/35

In: 1116.429 ± 0.160 χ^2/NDF : 24641.3/39

Out: 1120.275 ± 0.157 χ^2/NDF : 42043.2/42

All: 1118.384 ± 0.112 χ^2/NDF : 66978.6/82

asym_usr_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -48.620 $\pm$ 369.225 χ^2 /NDF:19.6/22

Left: 244.705 $\pm$ 260.448 χ^2 /NDF: 46.9/46

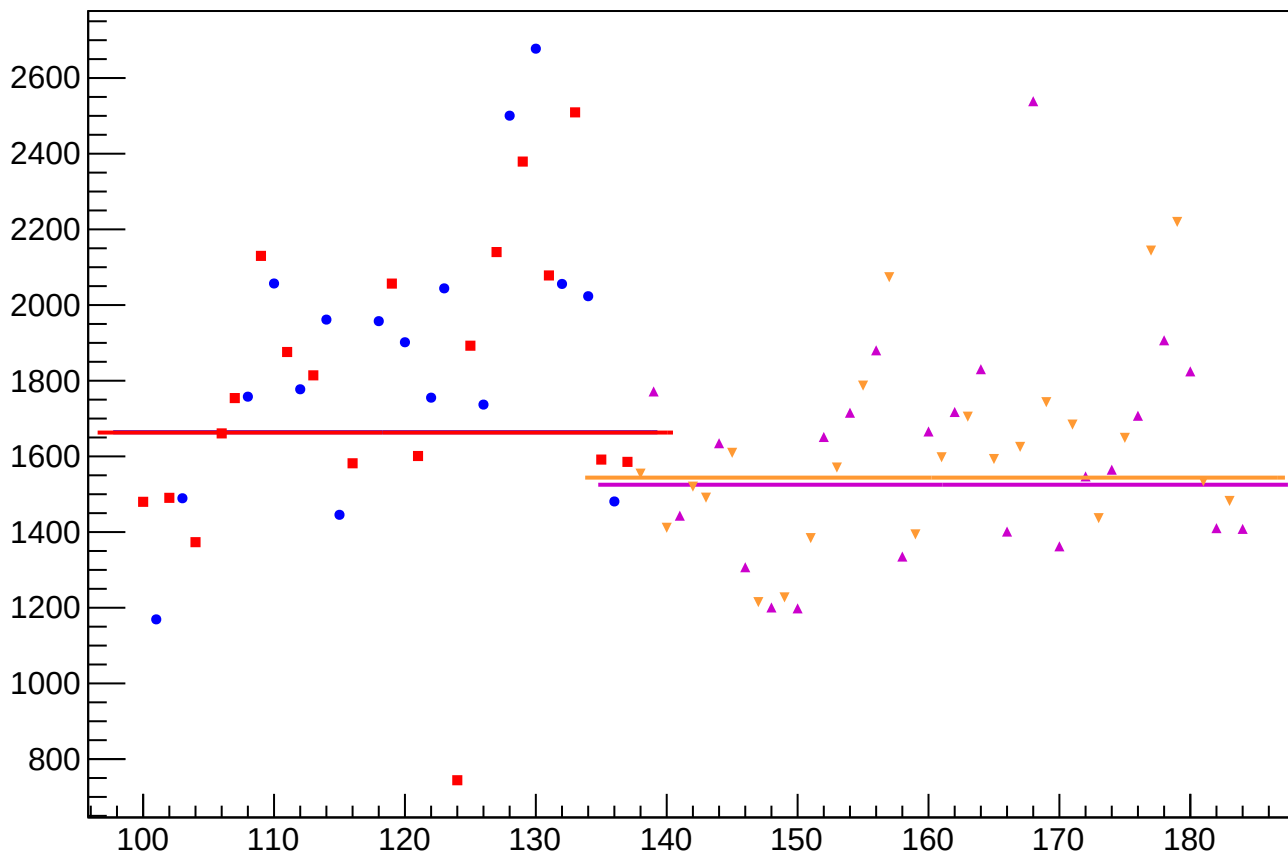
Right: -592.444 $\pm$ 461.436 χ^2 /NDF: 32.4/35

In: -83.086 $\pm$ 322.271 χ^2 /NDF:37.0/39

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

All: 42.442 $\pm$ 226.813 χ^2 /NDF: 81.7/82

asym_usr_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1525.105 $\pm$ 0.261 χ^2 /NDF: 953918.8/22

Left: 1534.551 $\pm$ 0.184 χ^2 /NDF: 1699362.8/46

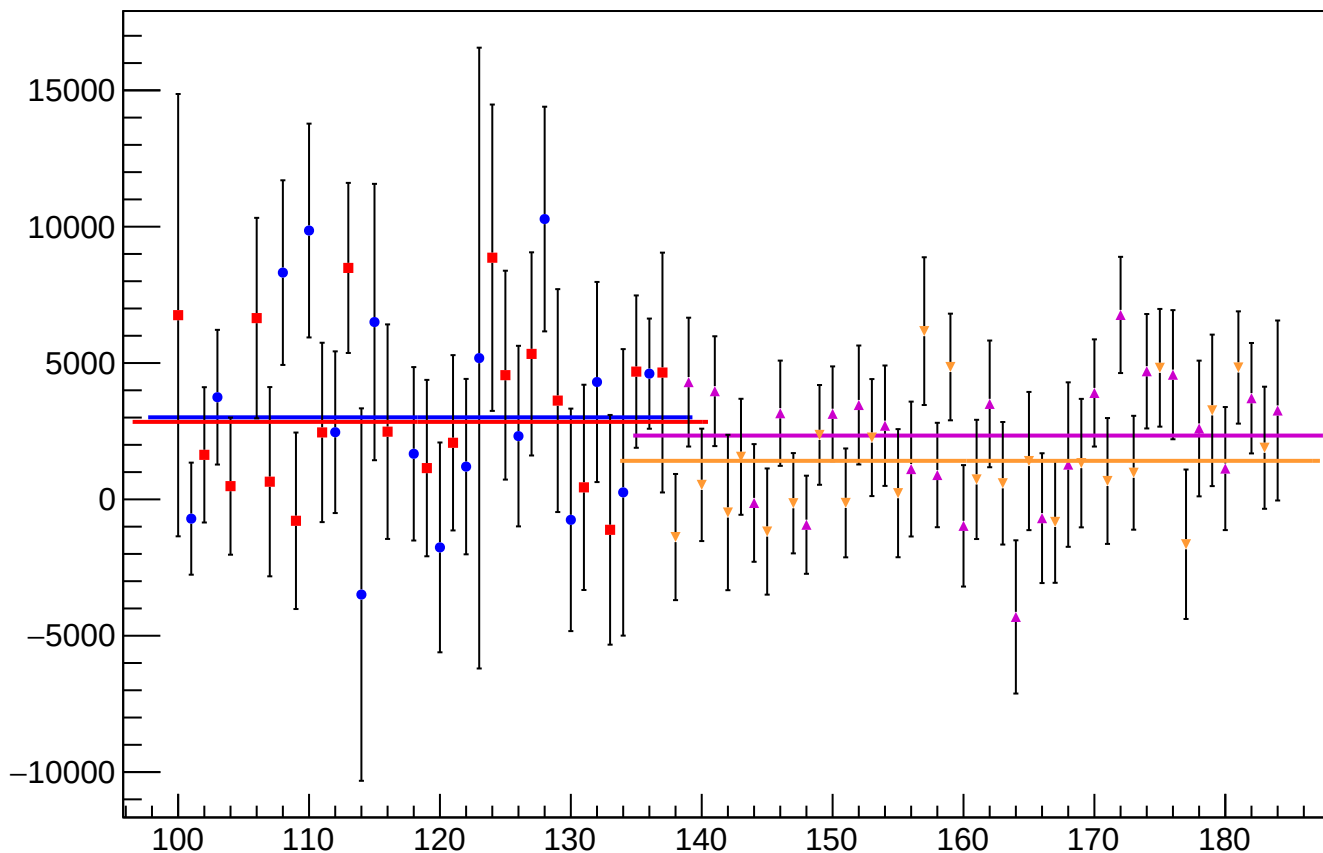
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1558.132 $\pm$ 0.228 χ^2 /NDF: 1643589.3/39

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

All: 1565.676 $\pm$ 0.160 χ^2 /NDF: 3245033.0/82

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190 $\pm$ 799.647 χ^2/NDF : 17.4/16

Left Out: 1413.234 $\pm$ 453.181 χ^2/NDF : 19.9/23

Right Out: 2842.013 $\pm$ 795.731 χ^2/NDF : 11.4/18

Left In: 2339.905 $\pm$ 457.448 χ^2/NDF : 25.2/22

Left: 1872.227 $\pm$ 321.945 χ^2/NDF : 47.2/46

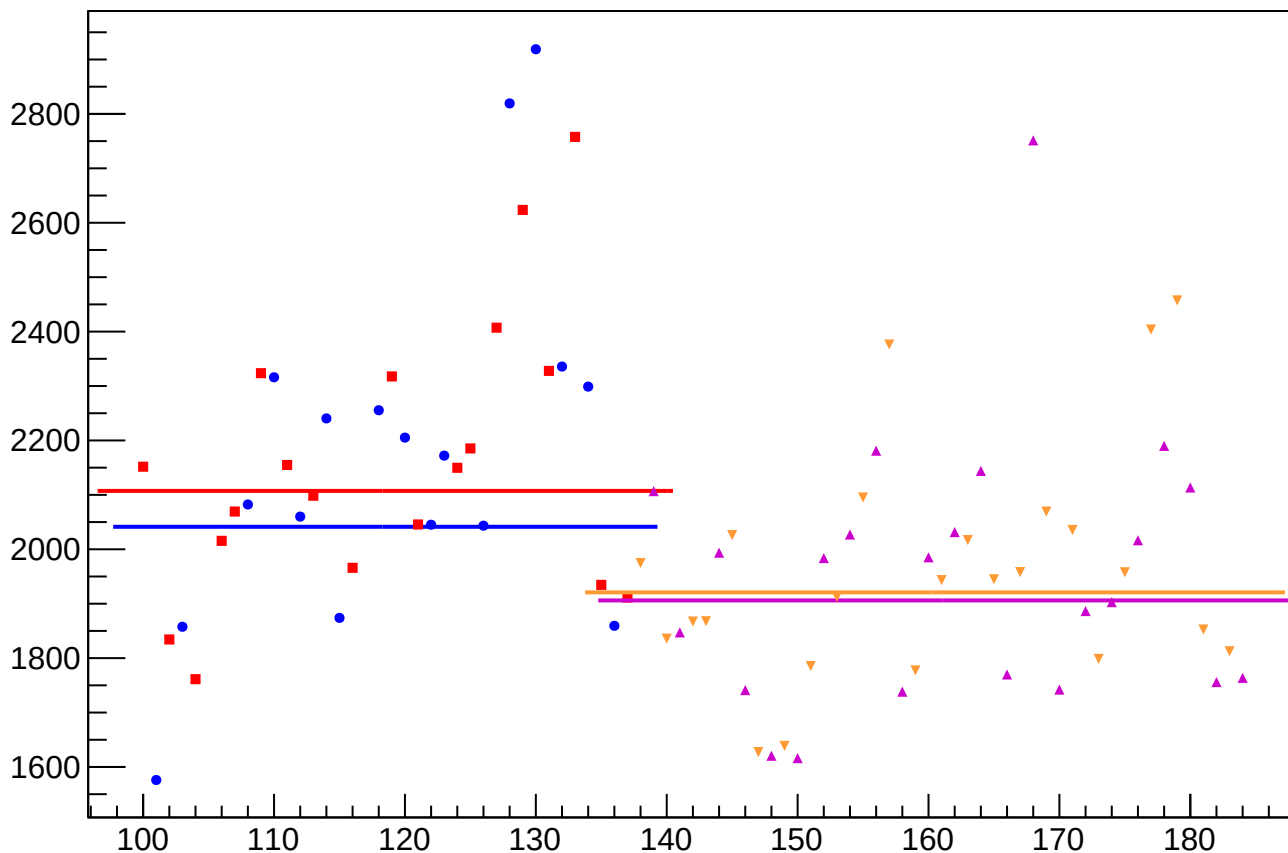
Right: 2925.191 $\pm$ 564.046 χ^2/NDF : 28.8/35

In: 2504.928 $\pm$ 397.068 χ^2/NDF : 43.1/39

Out: 1763.157 $\pm$ 393.795 χ^2/NDF : 33.8/42

All: 2130.973 $\pm$ 279.605 χ^2/NDF : 78.6/82

asym_usr_rms vs Slug, Sign Corrected



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

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

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

Left In: 1906.043 $\pm$ 0.323 χ^2 /NDF:451054.7/22

Left: 1913.509 $\pm$ 0.228 χ^2 /NDF: 817275.7/46

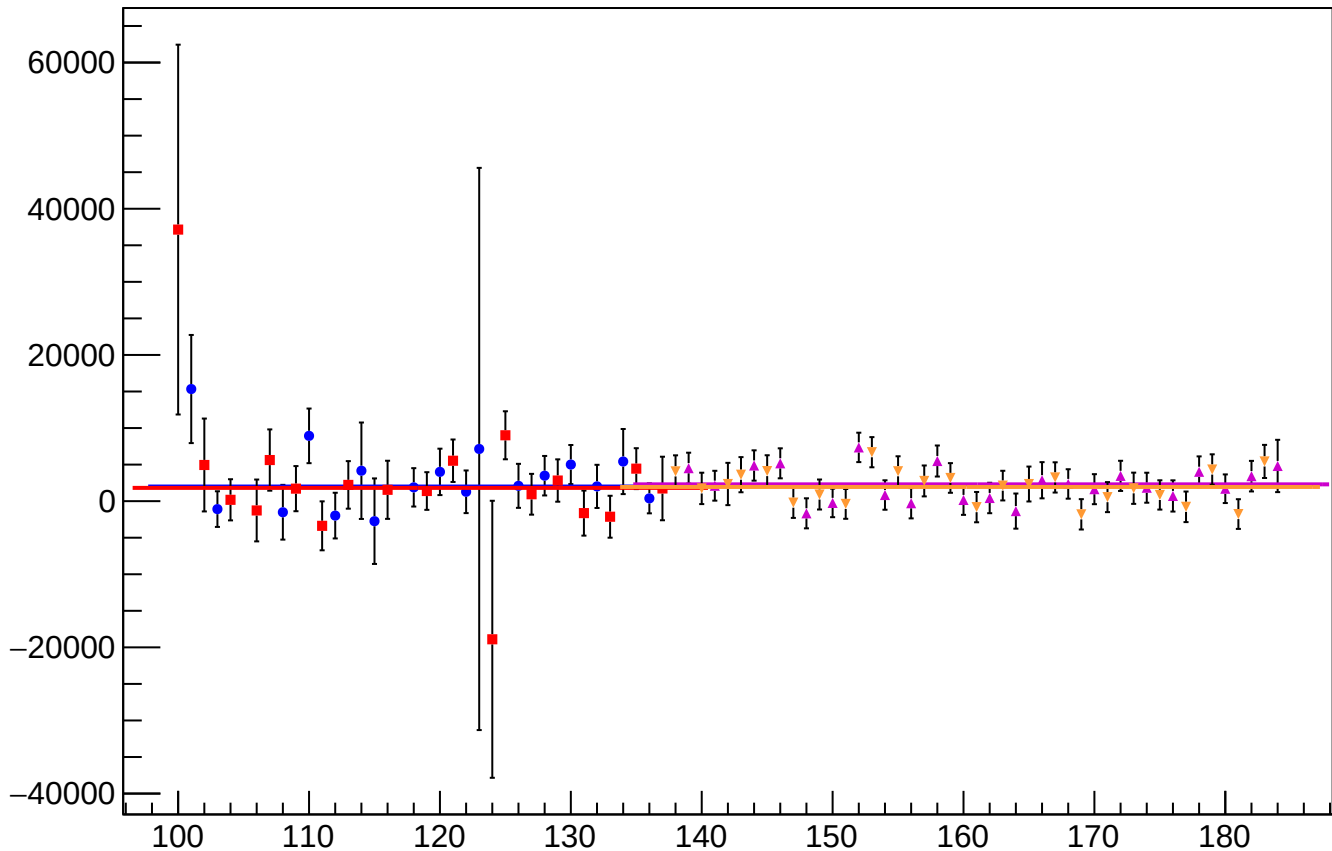
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1939.405 $\pm$ 0.281 χ^2 /NDF:832634.5/39

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

All: 1953.064 $\pm$ 0.198 χ^2 /NDF: 1482179.3/82

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1942.877 $\pm$ 434.504 χ^2 /NDF: 26.9/23

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

Left In: 2298.533 $\pm$ 440.433 χ^2 /NDF: 27.5/22

Left: 2118.295 $\pm$ 309.316 χ^2 /NDF: 54.8/46

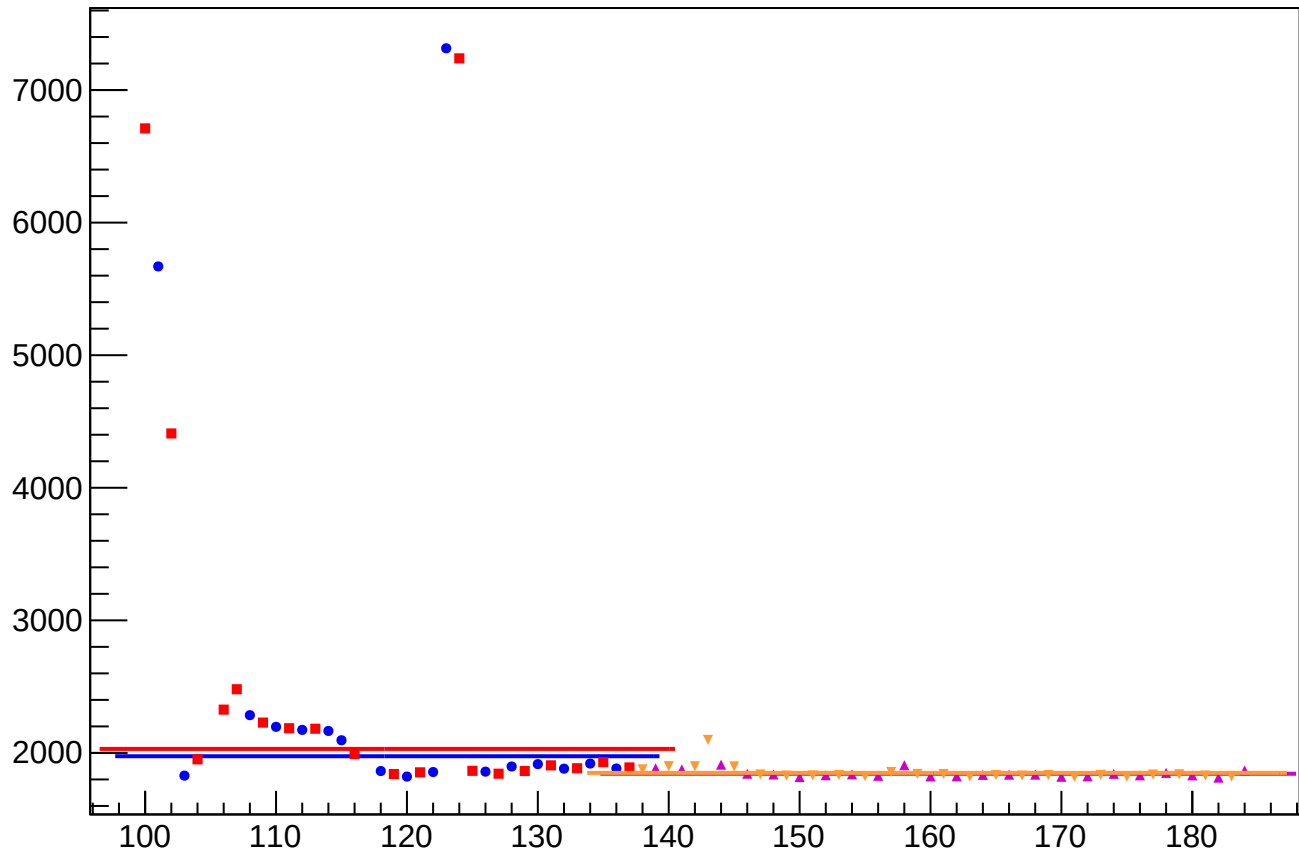
Right: 1907.721 $\pm$ 552.630 χ^2 /NDF: 33.1/35

In: 2226.562 $\pm$ 383.708 χ^2 /NDF: 42.4/39

Out: 1912.816 $\pm$ 379.751 χ^2 /NDF: 45.2/42

All: 2068.063 $\pm$ 269.913 χ^2 /NDF: 87.9/82

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109 $\pm$ 0.553 χ^2/NDF : 599831.6/16

Left Out: 1849.673 $\pm$ 0.307 χ^2/NDF : 27681.0/23

Right Out: 2030.342 $\pm$ 0.553 χ^2/NDF : 603923.5/18

Left In: 1843.042 $\pm$ 0.311 χ^2/NDF : 7279.9/22

Left: 1846.403 $\pm$ 0.219 χ^2/NDF : 35190.7/46

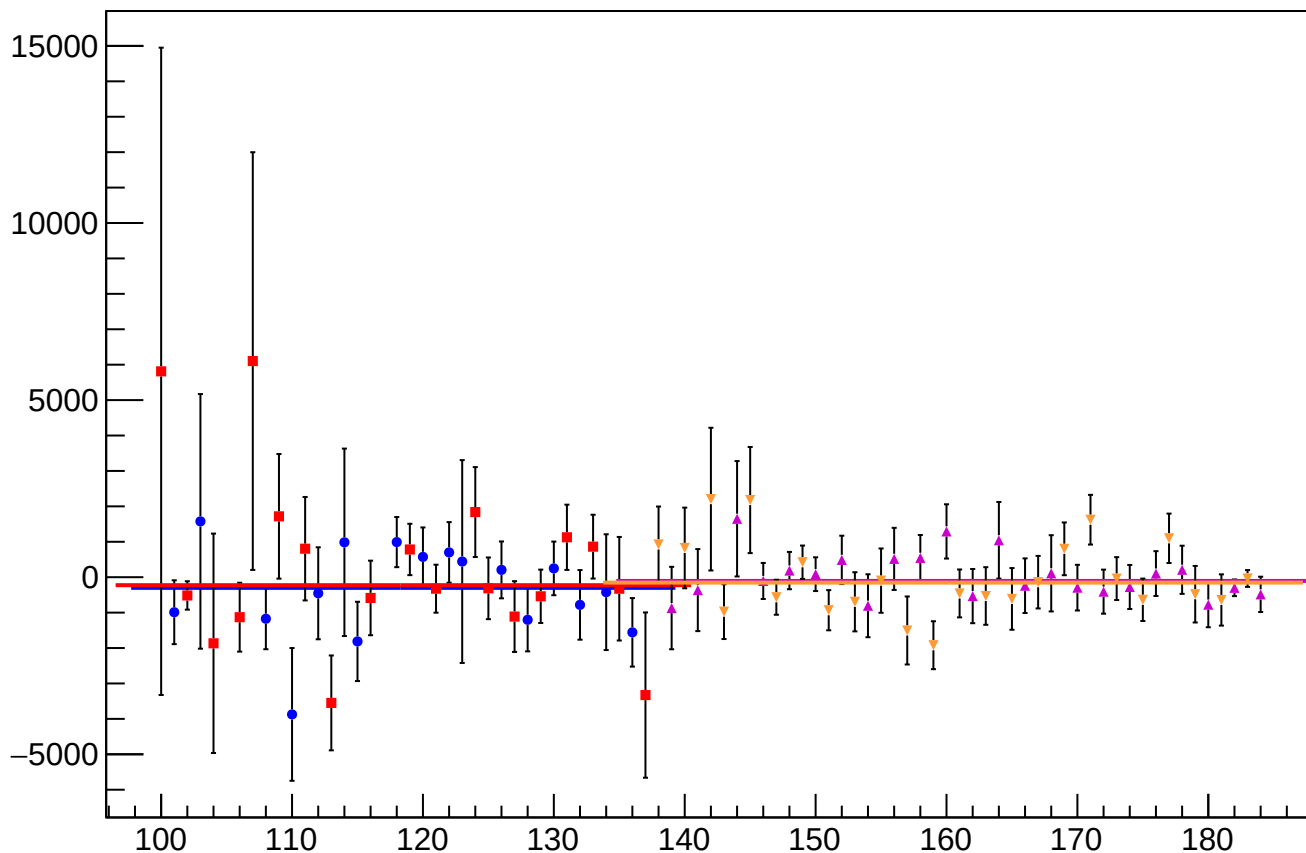
Right: 2002.731 $\pm$ 0.391 χ^2/NDF : 1208749.7/35

In: 1874.870 $\pm$ 0.271 χ^2/NDF : 650450.3/39

Out: 1892.338 $\pm$ 0.269 χ^2/NDF : 713261.2/42

All: 1883.695 $\pm$ 0.191 χ^2/NDF : 1365805.3/82

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -152.262+/-127.897 χ^2/NDF :33.5/23

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

Left In: -105.406+/-124.568 χ^2/NDF :12.9/22

Left: -128.216+/-89.237 χ^2/NDF : 46.5/46

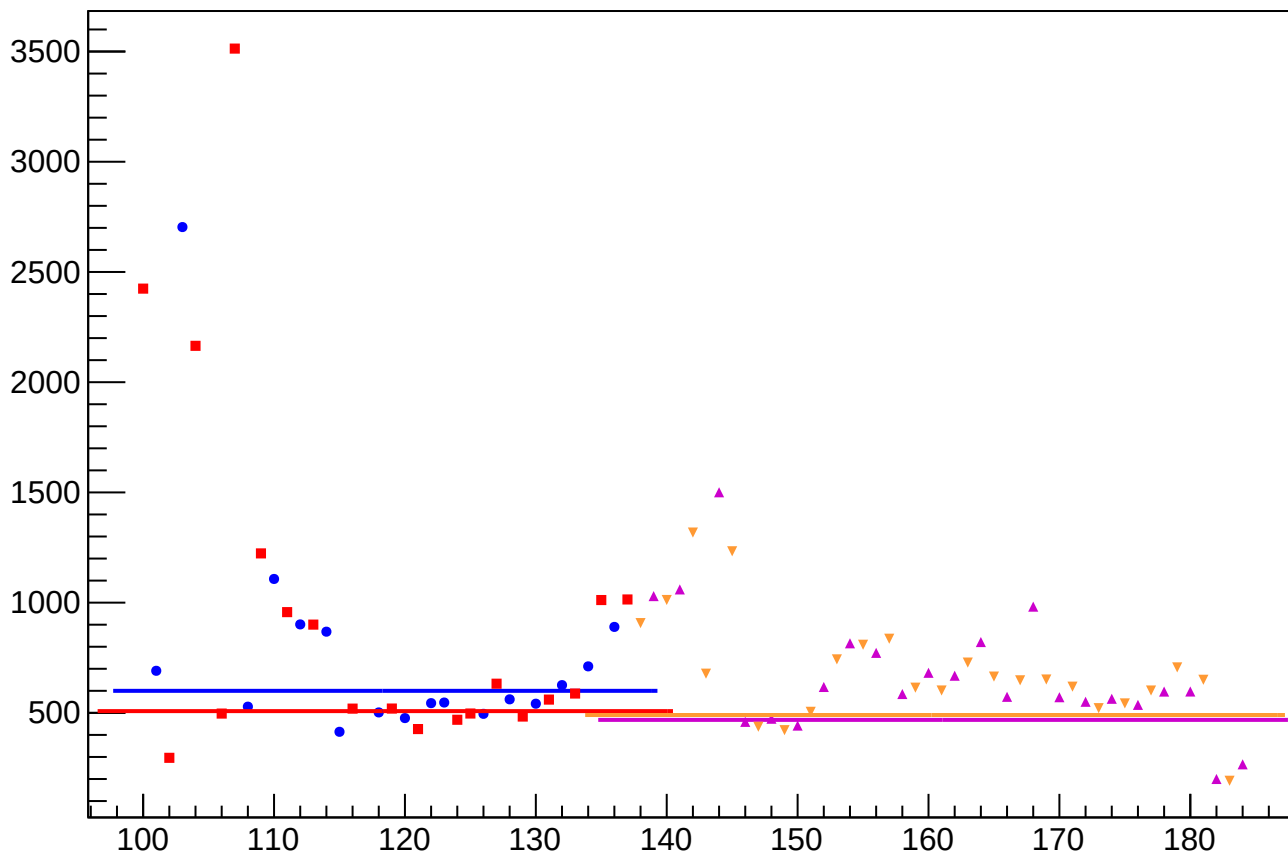
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

In: -144.960+/-111.189 χ^2/NDF :30.8/39

Out: -171.313+/-109.994 χ^2/NDF :55.8/42

All: -158.279+/-78.196 χ^2/NDF : 86.6/82

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 490.336+/-0.090 χ^2/NDF : 6526566.8/23

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

Left In: 468.171+/-0.088 χ^2/NDF : 6737456.3/22

Left: 478.961+/-0.063 χ^2/NDF : 13294849.4/46

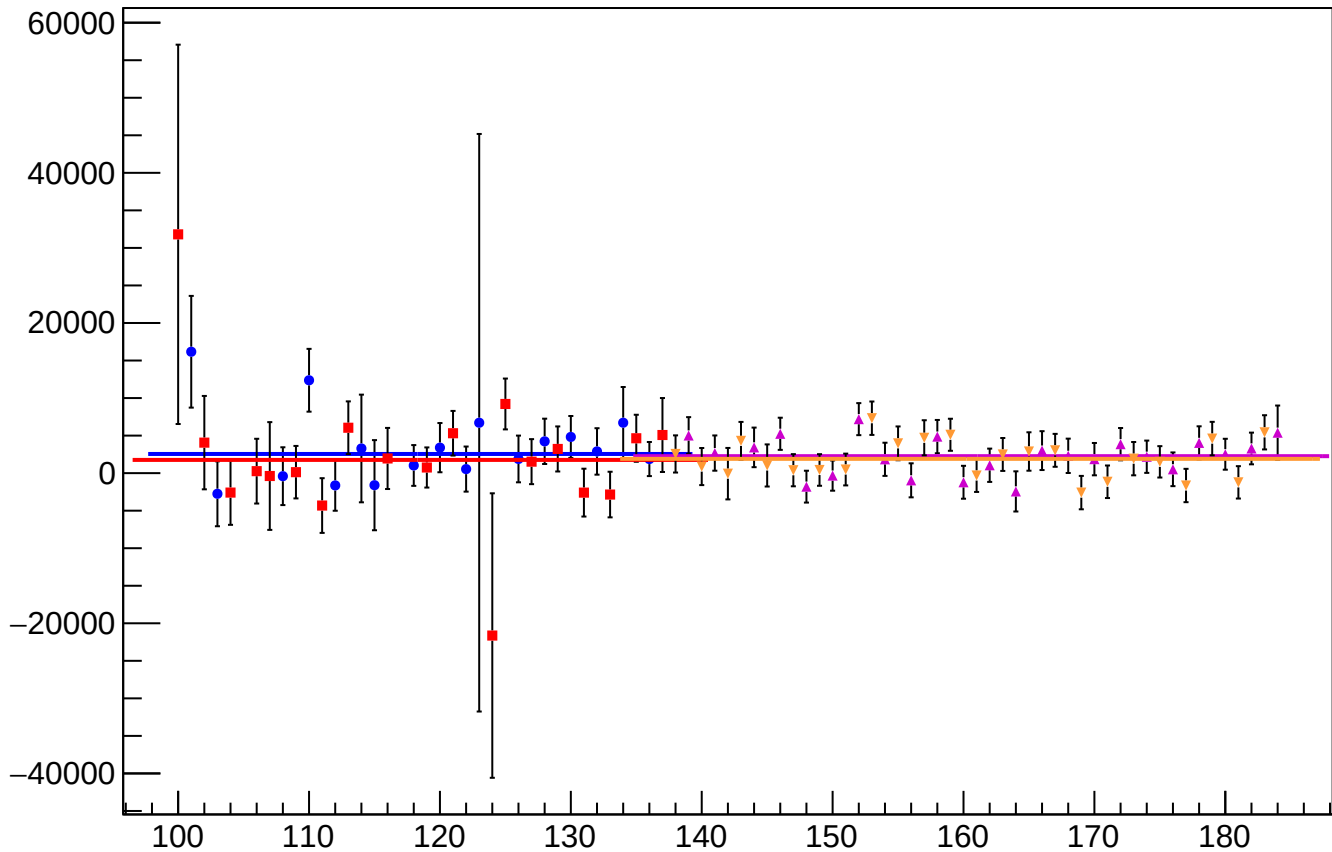
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 494.959+/-0.079 χ^2/NDF : 8573510.2/39

Out: 494.920+/-0.078 χ^2/NDF : 9385319.3/42

All: 494.939+/-0.055 χ^2/NDF : 17958829.6/82

asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2260.178 $\pm$ 472.324 χ^2 /NDF:26.3/22

Left: 2079.264 $\pm$ 331.815 χ^2 /NDF: 56.2/46

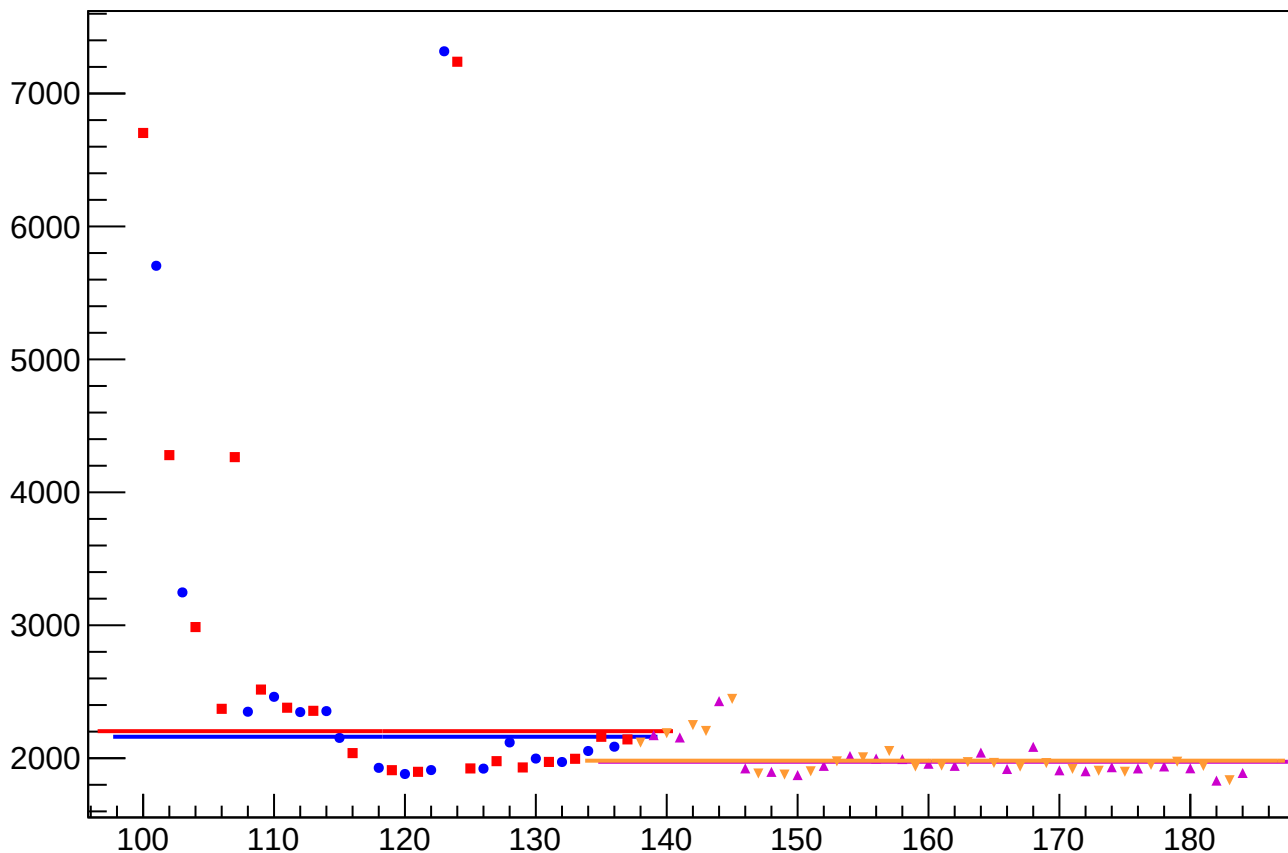
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2328.307 $\pm$ 413.873 χ^2 /NDF:42.1/39

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

All: 2096.876 $\pm$ 291.024 χ^2 /NDF: 93.3/82

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1981.387 $\pm$ 0.330 χ^2 /NDF:135862.2/23

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

Left In: 1973.216 $\pm$ 0.334 χ^2 /NDF:120479.3/22

Left: 1977.354 $\pm$ 0.235 χ^2 /NDF: 256644.6/46

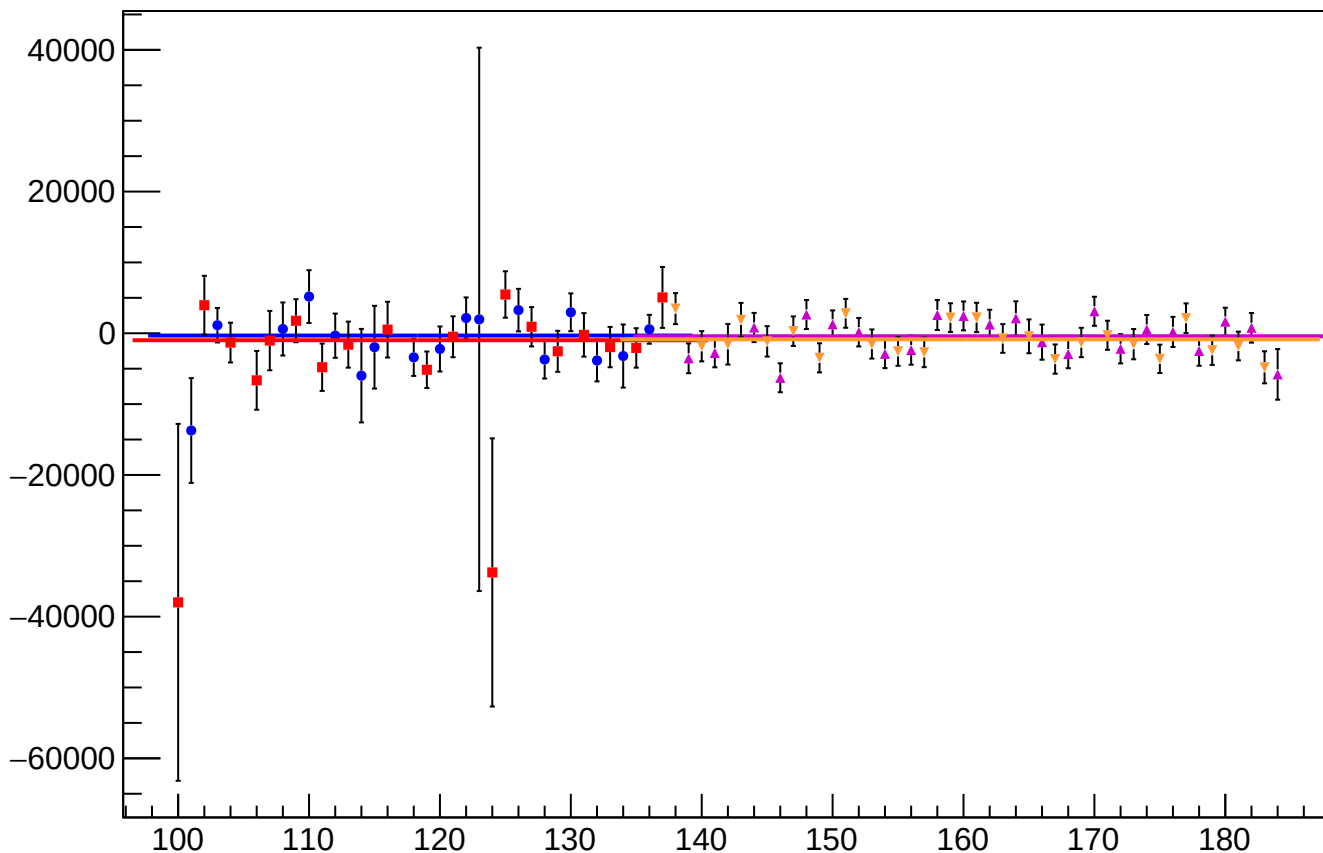
Right: 2182.484 $\pm$ 0.428 χ^2 /NDF: 1511040.8/35

In: 2016.915 $\pm$ 0.293 χ^2 /NDF:905462.2/39

Out: 2032.292 $\pm$ 0.289 χ^2 /NDF:1037205.6/42

All: 2024.689 $\pm$ 0.206 χ^2 /NDF: 1944063.5/82

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -424.262+/-439.523 χ^2 /NDF:33.7/22

Left: -642.791+/-308.587 χ^2 /NDF: 60.8/46

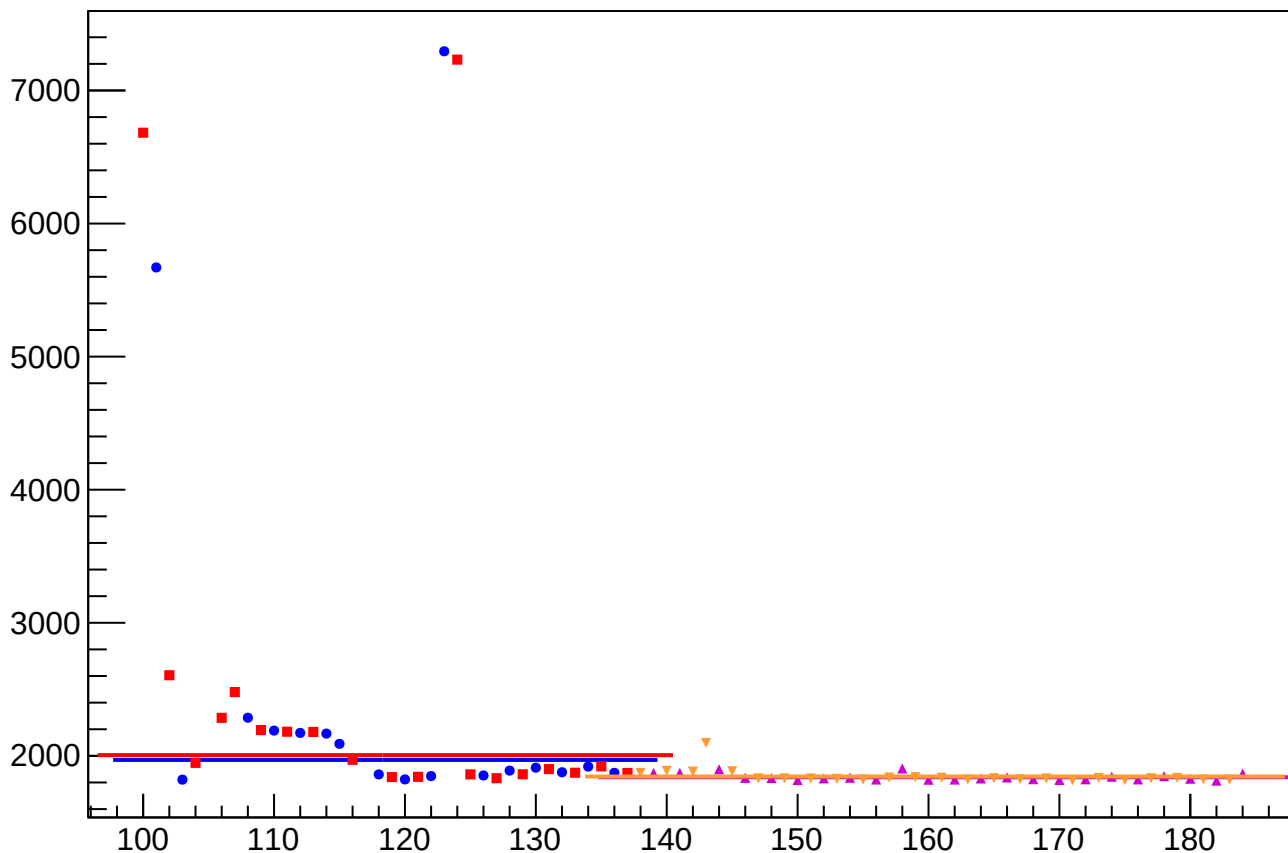
Right: -658.915+/-547.776 χ^2 /NDF: 36.4/35

In: -400.013+/-382.857 χ^2 /NDF:49.4/39

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

All: -646.675+/-268.860 χ^2 /NDF: 97.2/82

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1839.274+/-0.311 χ^2/NDF : 6386.1/22

Left: 1842.106+/-0.218 χ^2/NDF : 33384.4/46

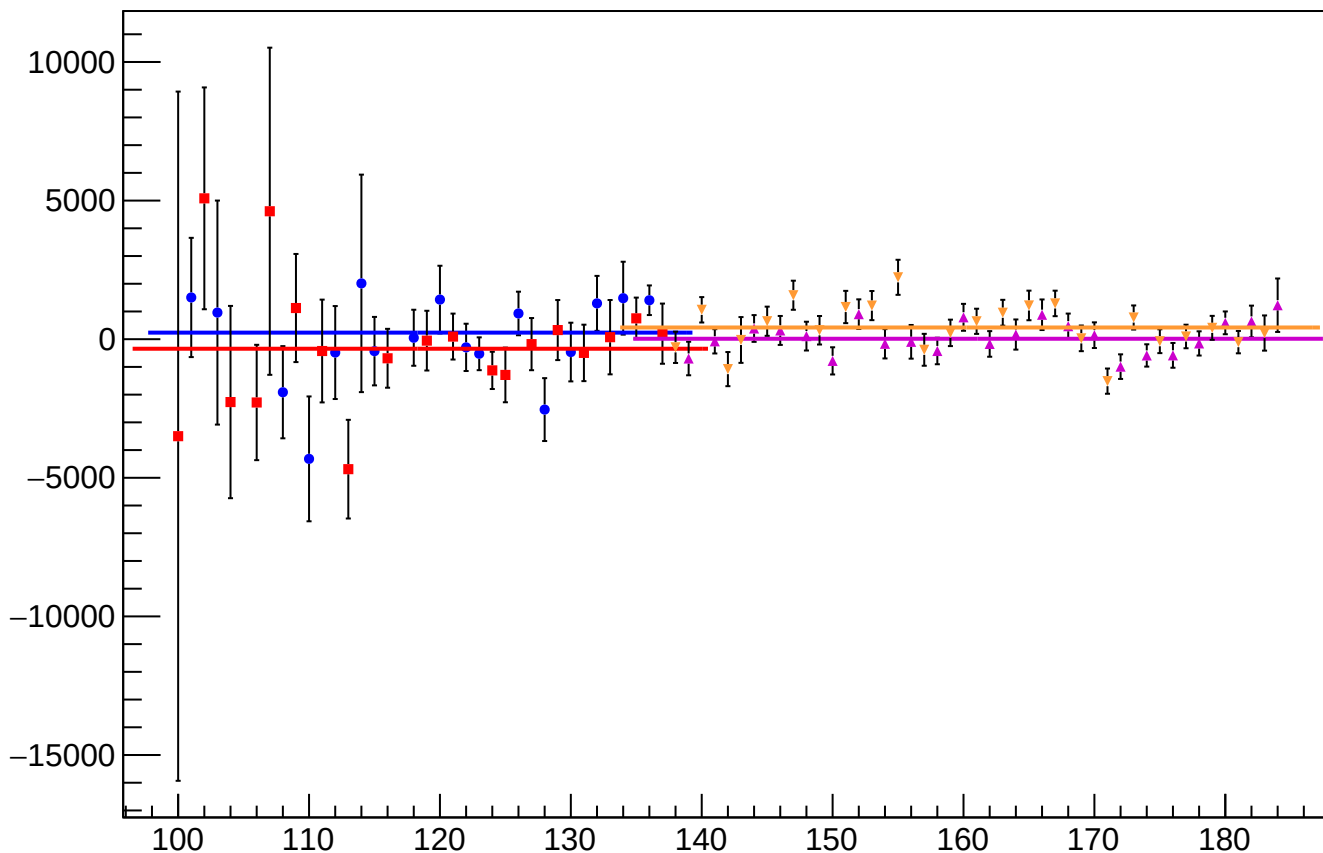
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1870.687+/-0.271 χ^2/NDF : 651547.0/39

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

All: 1877.191+/-0.190 χ^2/NDF : 1105326.7/82

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 422.372 $\pm$ 101.569 χ^2 /NDF:59.7/23

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

Left In: 15.681 $\pm$ 102.850 χ^2 /NDF:29.1/22

Left: 221.576 $\pm$ 72.269 χ^2 /NDF: 96.7/46

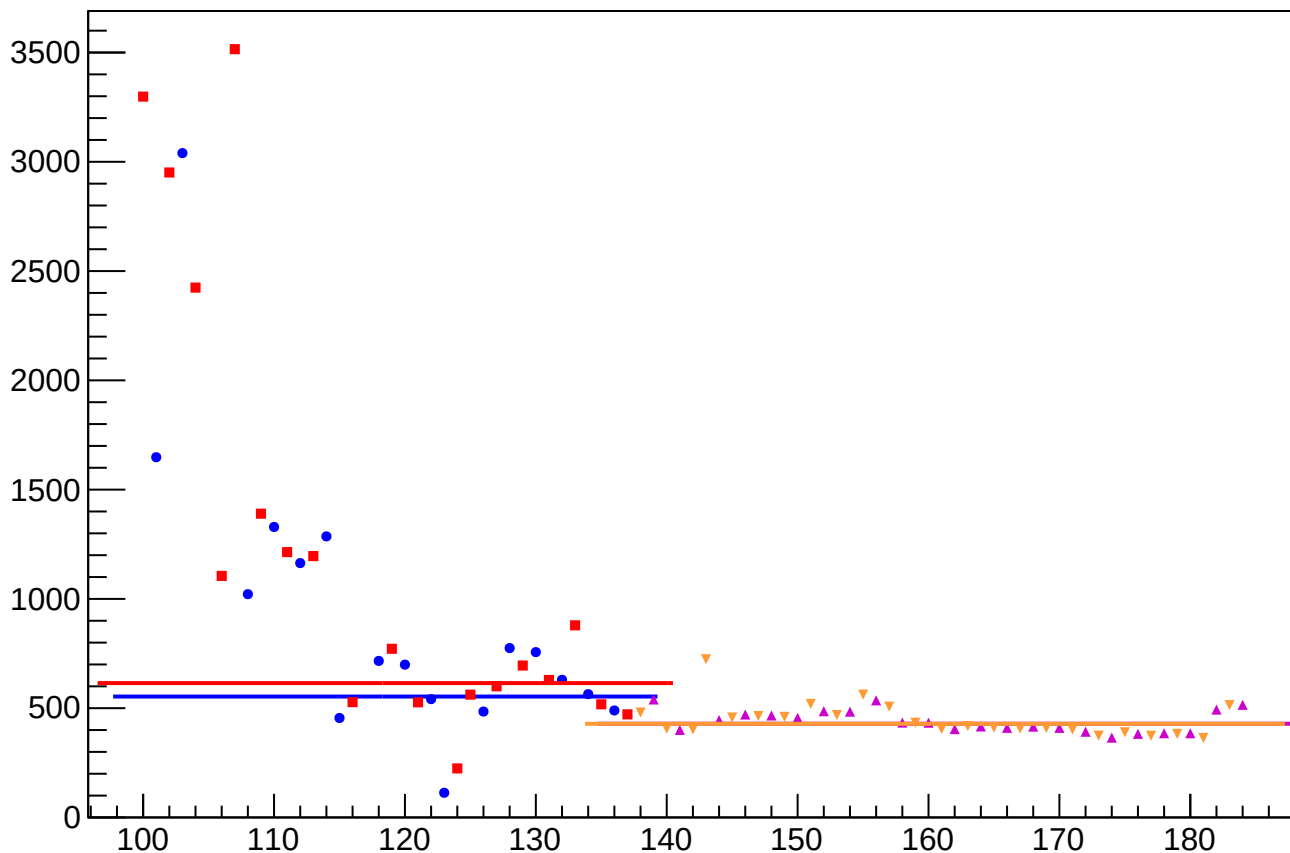
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 48.005 $\pm$ 95.038 χ^2 /NDF:53.7/39

Out: 326.411 $\pm$ 95.000 χ^2 /NDF:82.8/42

All: 187.265 $\pm$ 67.189 χ^2 /NDF: 140.7/82

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280 $\pm$ 0.176 χ^2 /NDF: 3412747.4/16

Left Out: 428.587 $\pm$ 0.072 χ^2 /NDF: 704327.0/23

Right Out: 614.829 $\pm$ 0.190 χ^2 /NDF: 3569607.7/18

Left In: 428.814 $\pm$ 0.073 χ^2 /NDF: 397391.5/22

Left: 428.699 $\pm$ 0.051 χ^2 /NDF: 1101723.4/46

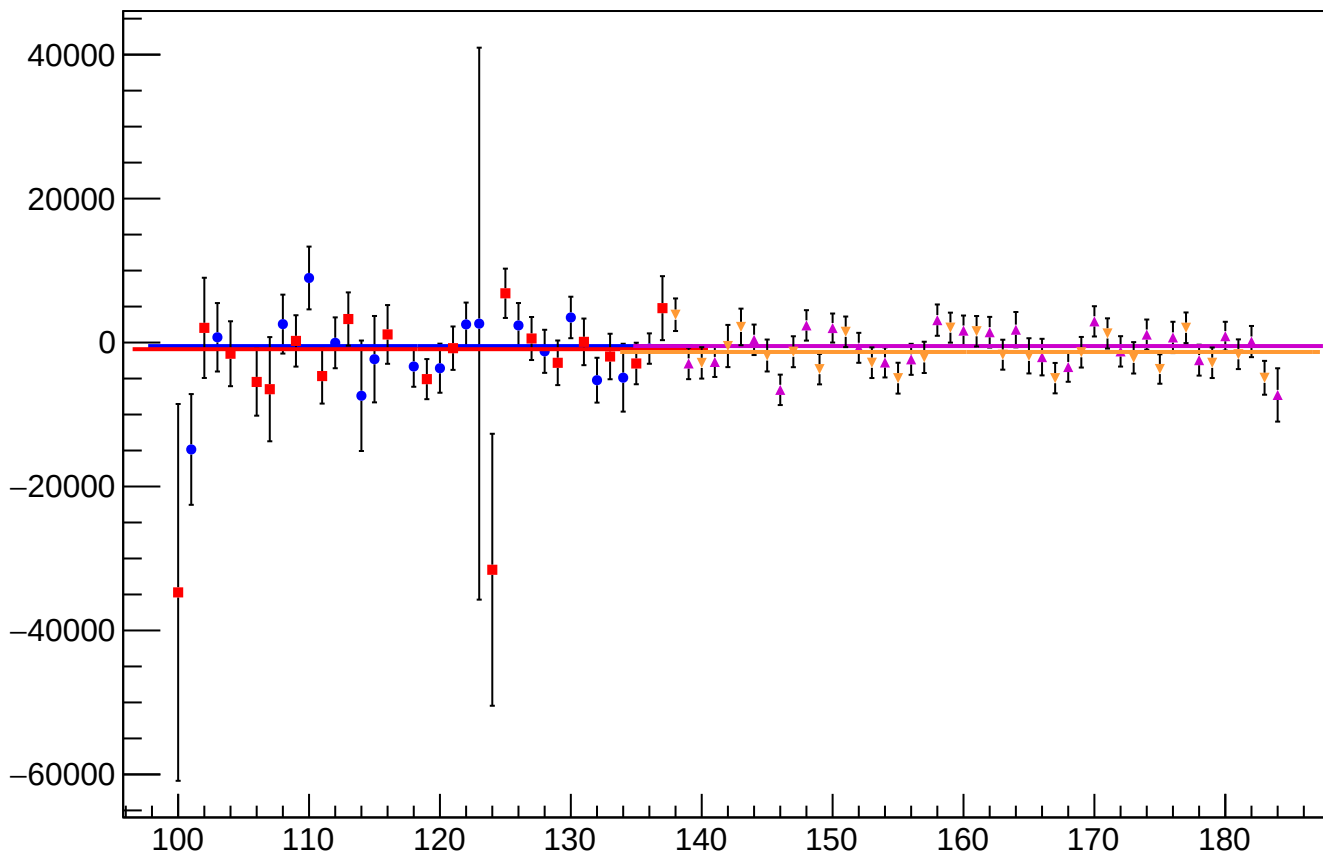
Right: 581.688 $\pm$ 0.129 χ^2 /NDF: 7038937.4/35

In: 447.004 $\pm$ 0.067 χ^2 /NDF: 4238194.5/39

Out: 451.899 $\pm$ 0.067 χ^2 /NDF: 5115656.4/42

All: 449.452 $\pm$ 0.048 χ^2 /NDF: 9356504.7/82

asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -485.827 ± 452.020 χ^2/NDF : 32.4/22

Left: -903.411 ± 317.531 χ^2/NDF : 64.1/46

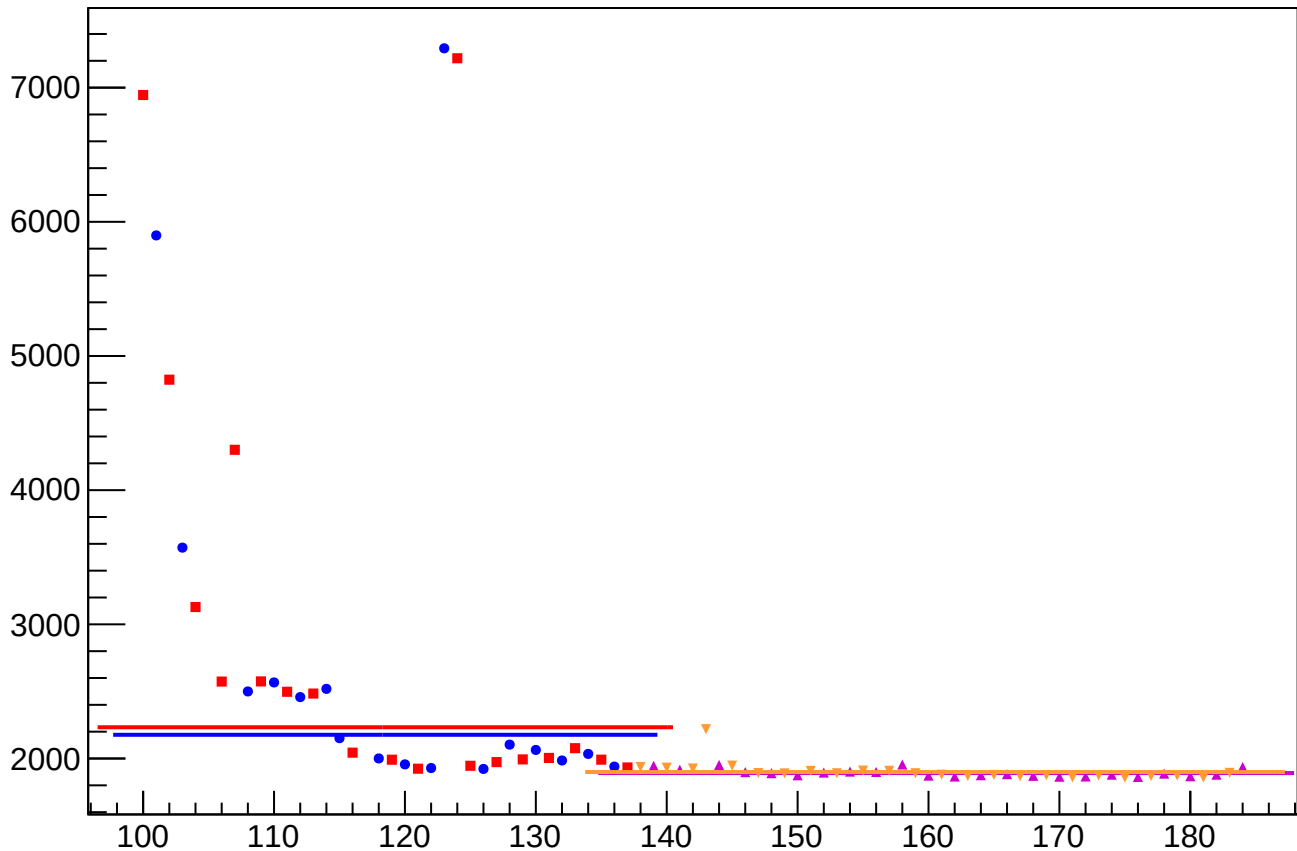
Right: -706.757 ± 613.998 χ^2/NDF : 37.6/35

In: -487.131 ± 400.914 χ^2/NDF : 51.0/39

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

All: -861.915 ± 282.047 χ^2/NDF : 101.9/82

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1891.722+/-0.320 χ^2/NDF : 7584.2/22

Left: 1895.509+/-0.225 χ^2/NDF : 46502.8/46

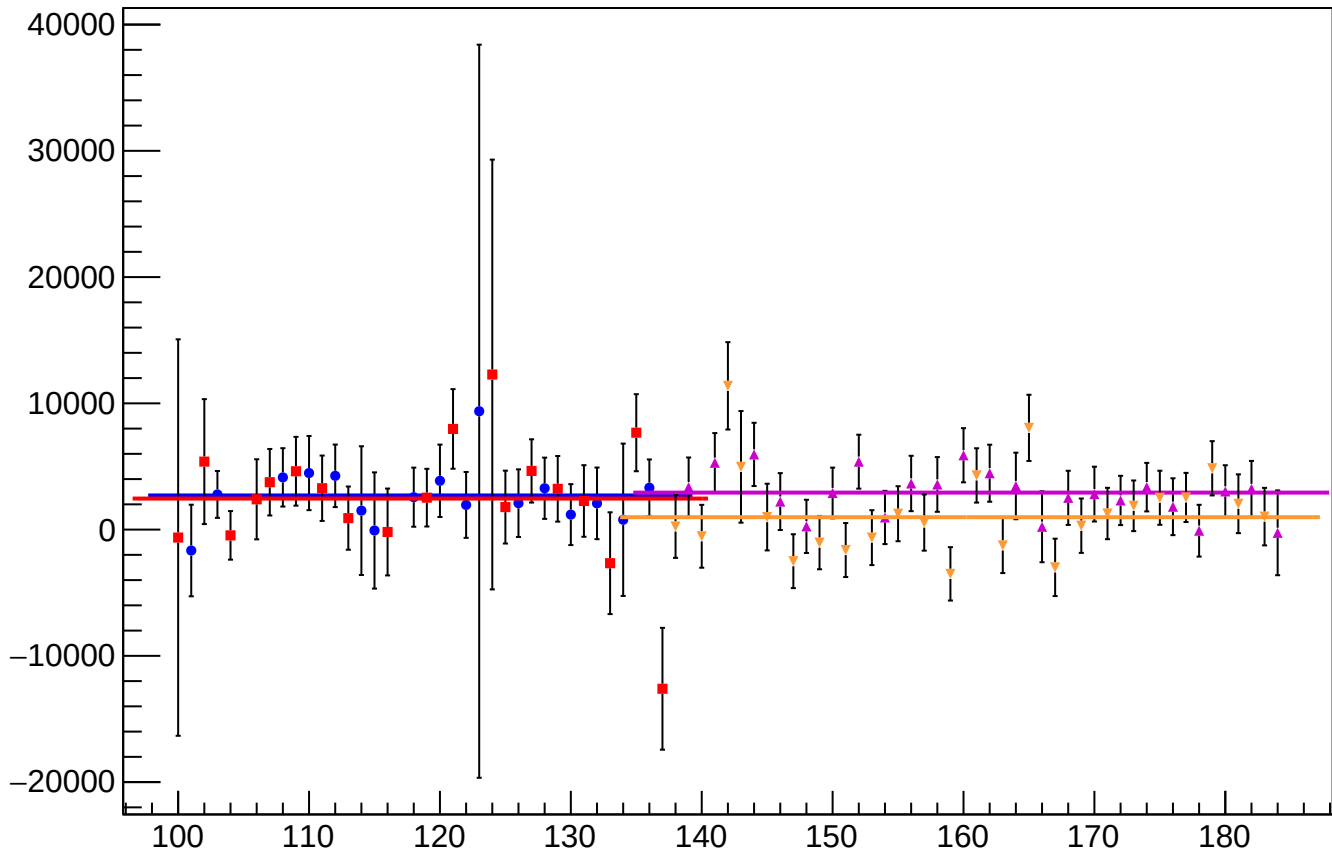
Right: 2204.793+/-0.434 χ^2/NDF : 1697410.2/35

In: 1952.529+/-0.283 χ^2/NDF : 979911.4/39

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

All: 1960.772+/-0.199 χ^2/NDF : 2144303.0/82

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2930.152 $\pm$ 463.006 χ^2 /NDF:13.5/22

Left: 1957.508 $\pm$ 327.546 χ^2 /NDF: 61.4/46

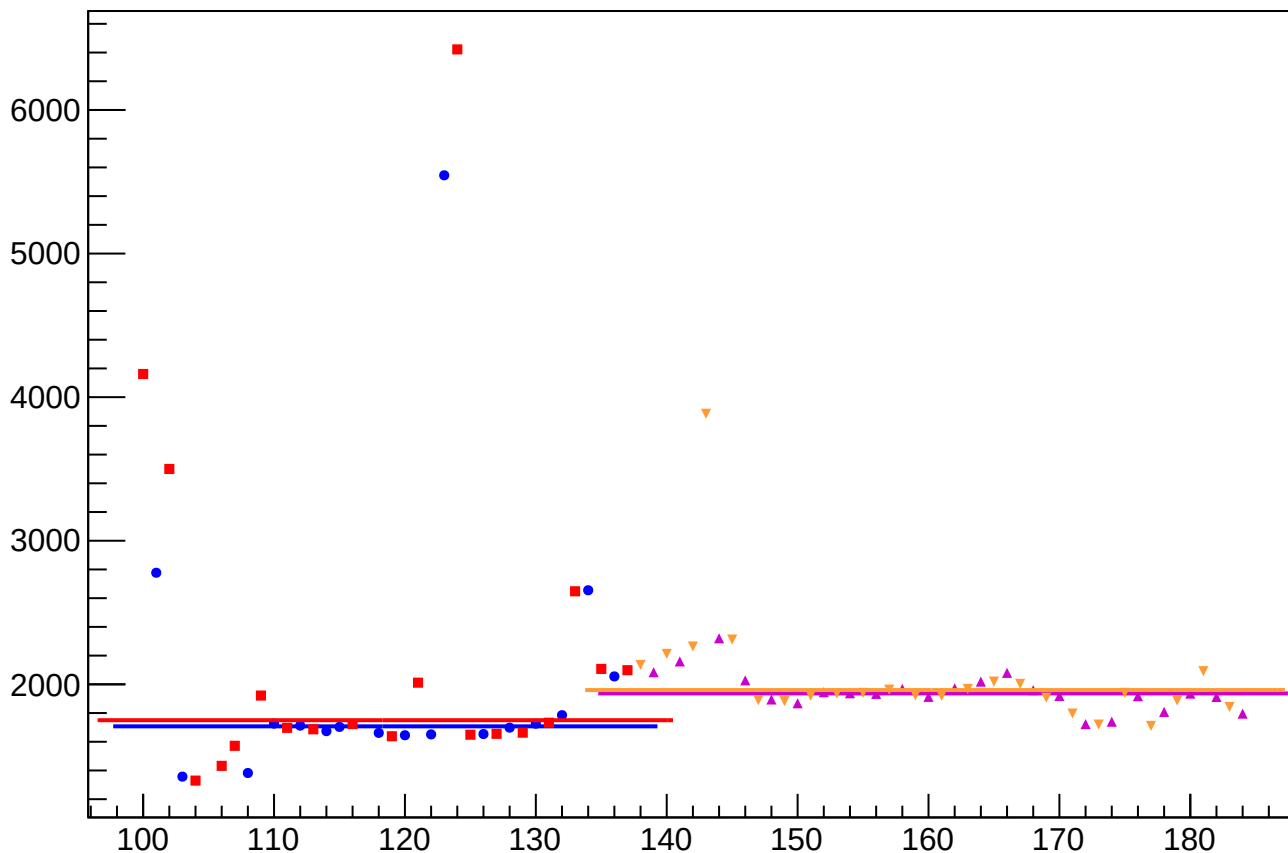
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 2857.474 $\pm$ 381.616 χ^2 /NDF:17.6/39

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

All: 2156.376 $\pm$ 270.480 χ^2 /NDF: 89.9/82

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 ± 0.477 $\chi^2/\text{NDF}: 422166.4/16$

Left Out: 1959.996 ± 0.328 $\chi^2/\text{NDF}: 559051.0/23$

Right Out: 1750.114 ± 0.483 $\chi^2/\text{NDF}: 746498.0/18$

Left In: 1936.560 ± 0.327 $\chi^2/\text{NDF}: 144738.0/22$

Left: 1948.267 ± 0.232 $\chi^2/\text{NDF}: 706348.7/46$

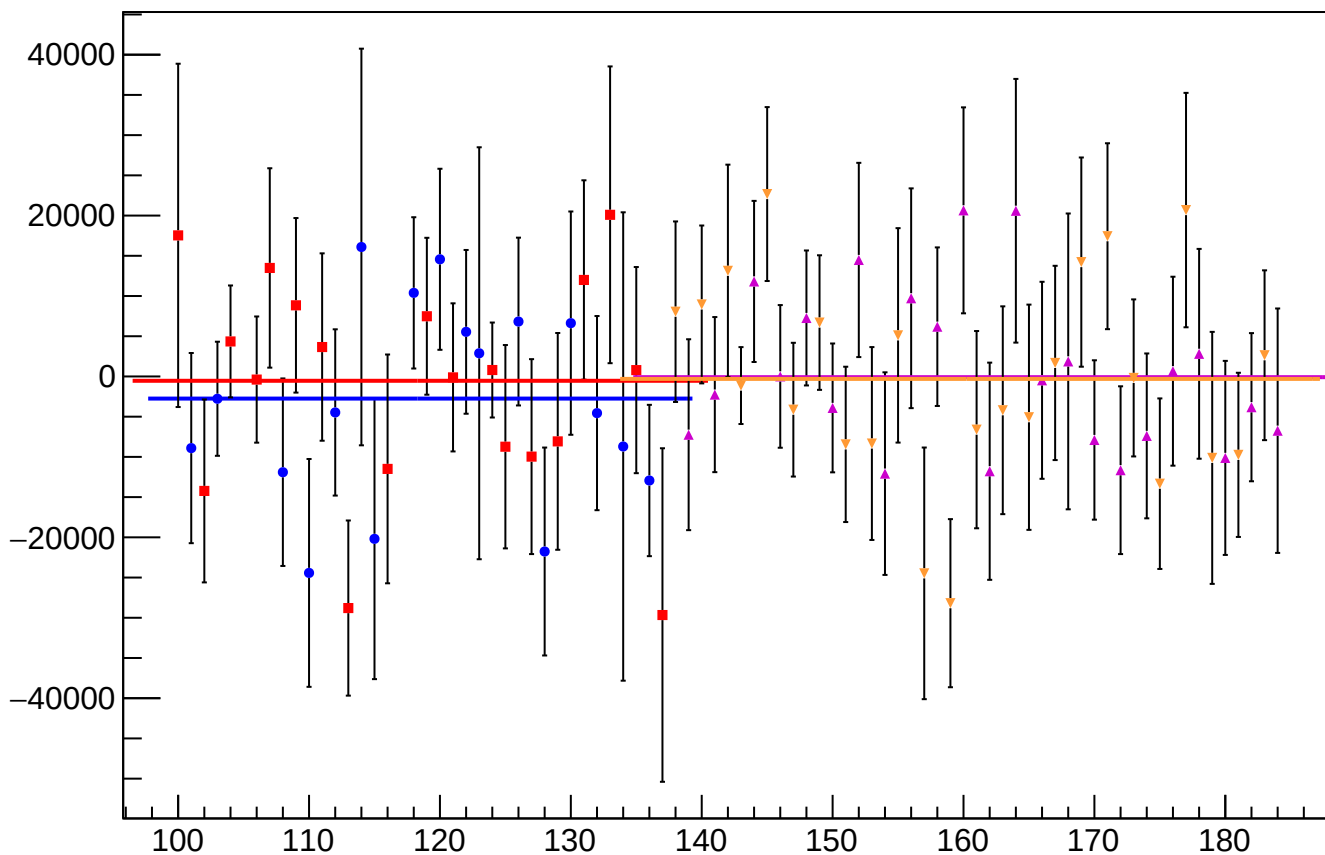
Right: 1728.481 ± 0.339 $\chi^2/\text{NDF}: 1172634.0/35$

In: 1863.070 ± 0.270 $\chi^2/\text{NDF}: 724031.5/39$

Out: 1893.755 ± 0.271 $\chi^2/\text{NDF}: 1435013.3/42$

All: 1878.342 ± 0.191 $\chi^2/\text{NDF}: 2165480.5/82$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -88.781+/-2299.426 χ^2/NDF : 14.5/22

Left: -205.261+/-1551.189 χ^2/NDF : 42.3/46

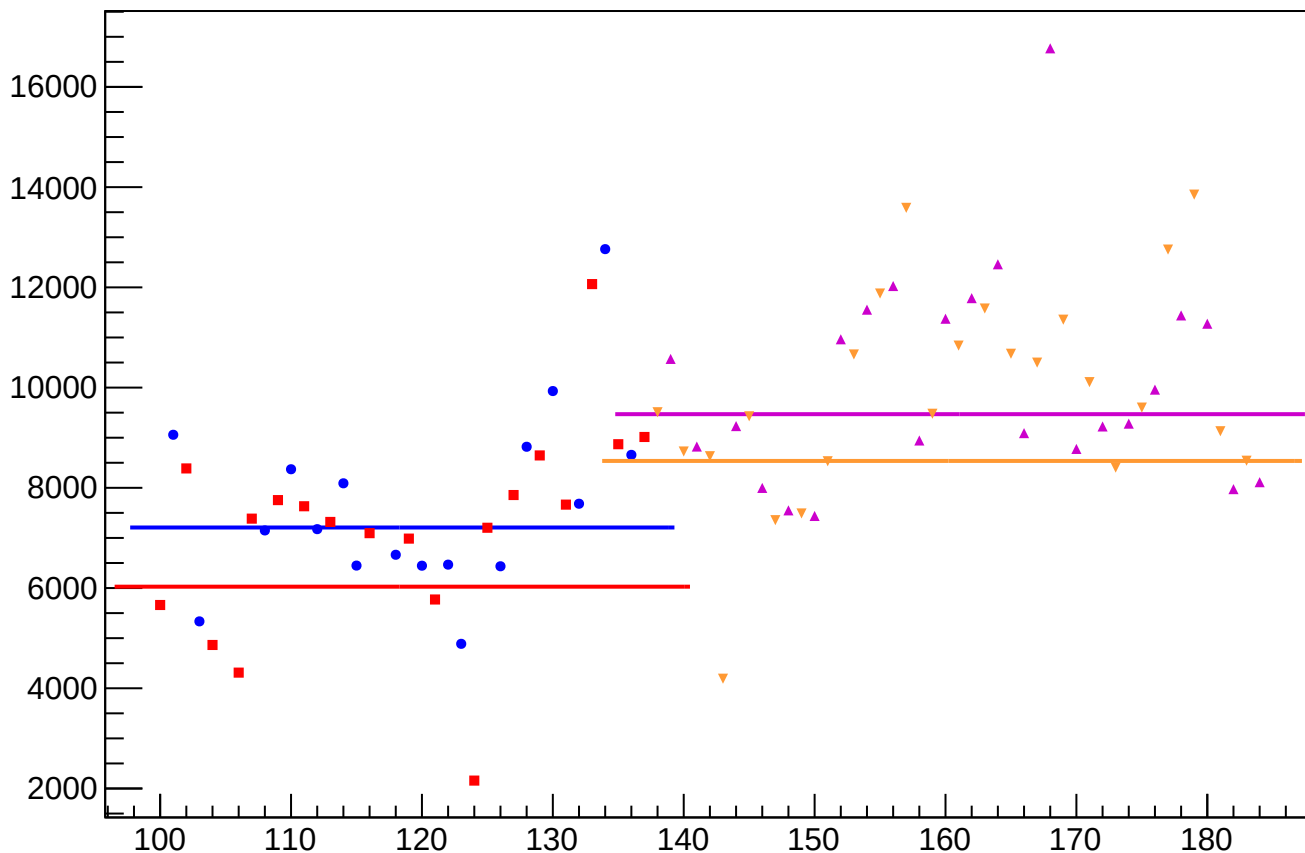
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

In: -1141.753+/-1787.698 χ^2/NDF : 29.7/39

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

All: -729.239+/-1187.265 χ^2/NDF : 76.0/82

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 9469.781+/-1.626 χ^2/NDF : 1138084.7/22

Left: 8961.304+/-1.097 χ^2/NDF : 4321808.4/46

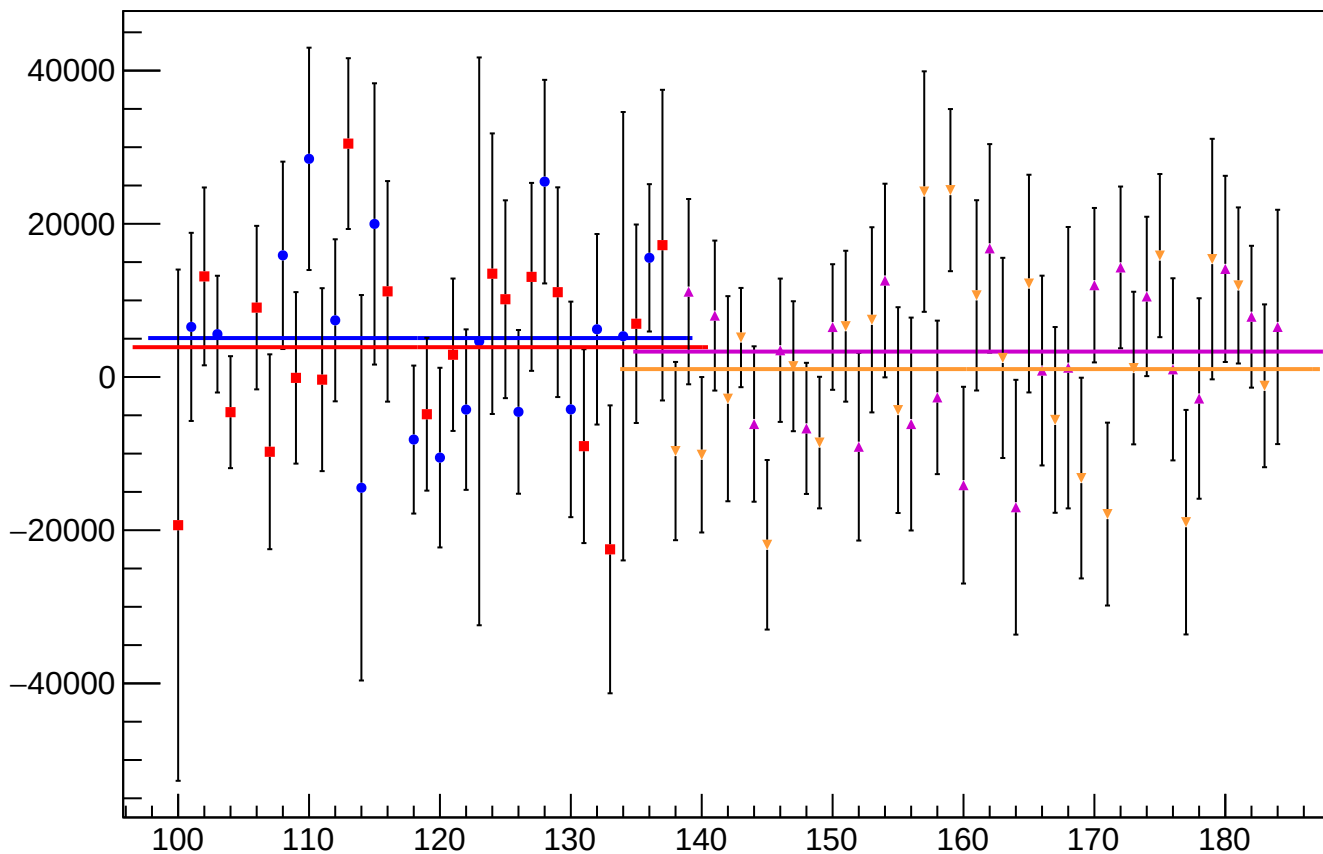
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8575.236+/-1.264 χ^2/NDF : 2397038.7/39

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

All: 7952.189+/-0.840 χ^2/NDF : 8857114.1/82

asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3316.960 $\pm$ 2336.196 χ^2 /NDF: 13.4/22

Left: 2122.445 $\pm$ 1613.654 χ^2 /NDF: 40.9/46

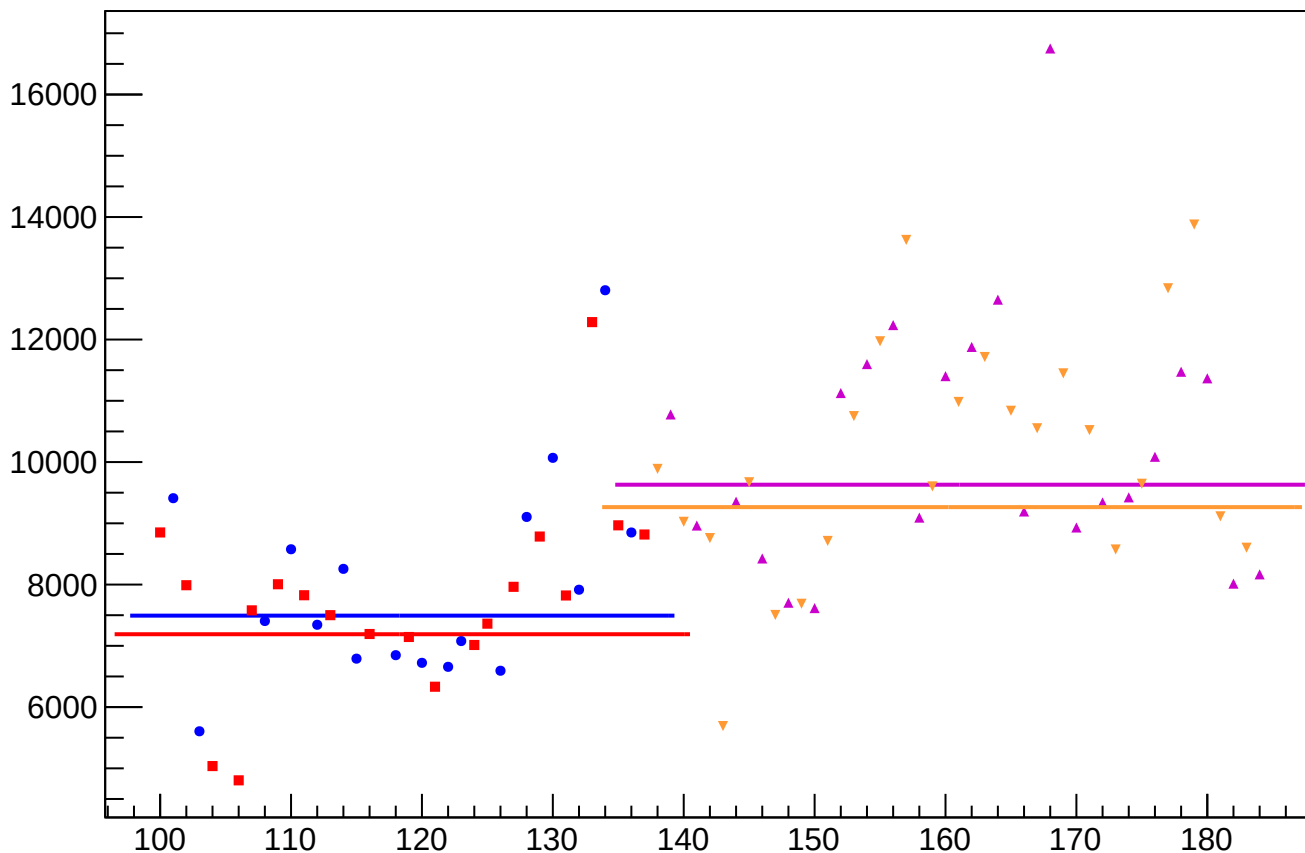
Right: 4454.101 $\pm$ 2028.836 χ^2 /NDF: 29.7/35

In: 3996.786 $\pm$ 1832.702 χ^2 /NDF: 27.6/39

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

All: 3025.913 $\pm$ 1262.906 χ^2 /NDF: 71.4/82

asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 9630.345+/-1.652 χ^2/NDF : 1074643.5/22

Left: 9438.977+/-1.141 χ^2/NDF : 2694258.9/46

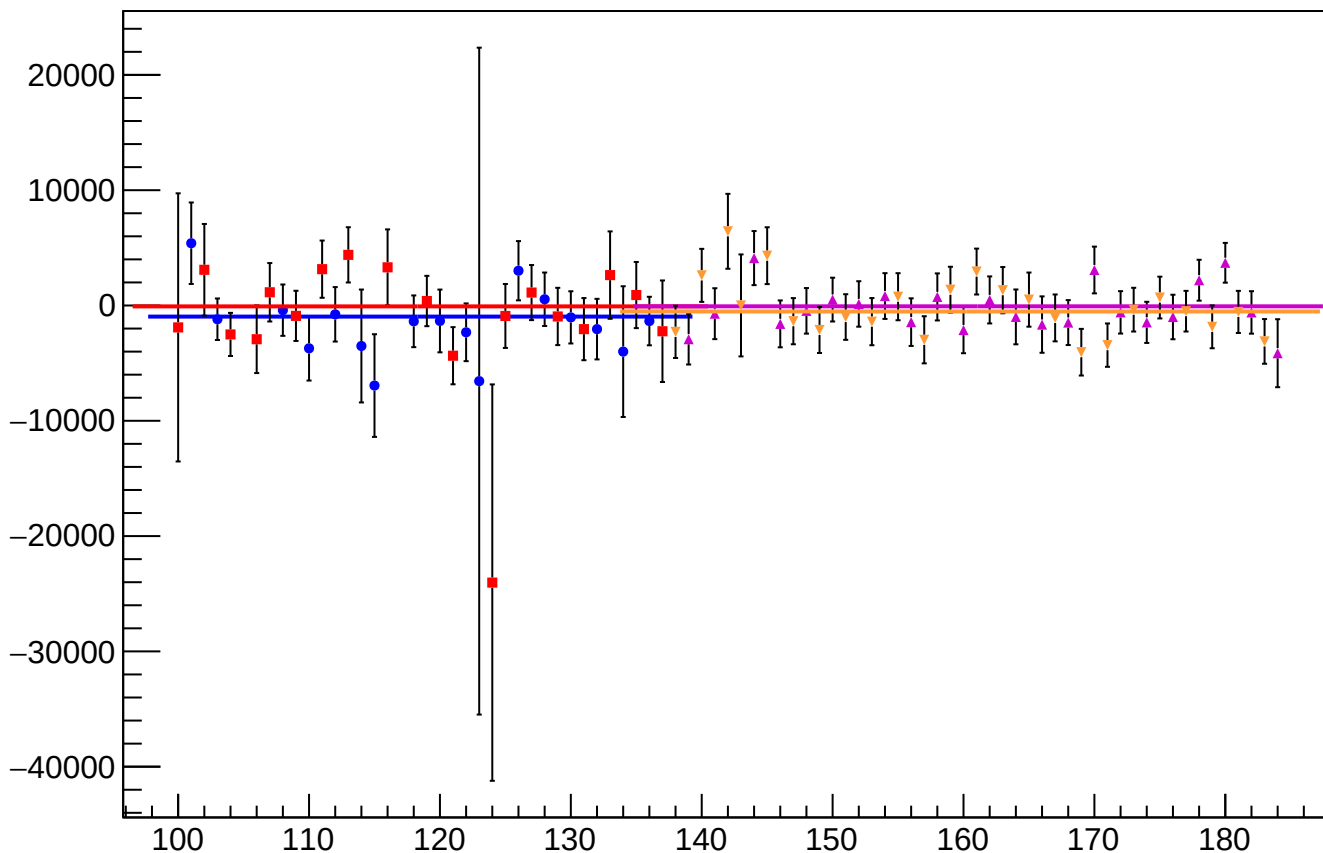
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8808.288+/-1.296 χ^2/NDF : 2155607.3/39

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

All: 8622.678+/-0.893 χ^2/NDF : 5024124.4/82

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -71.111 $\pm$ 421.203 χ^2 /NDF:20.4/22

Left: -294.497 $\pm$ 297.874 χ^2 /NDF: 48.1/46

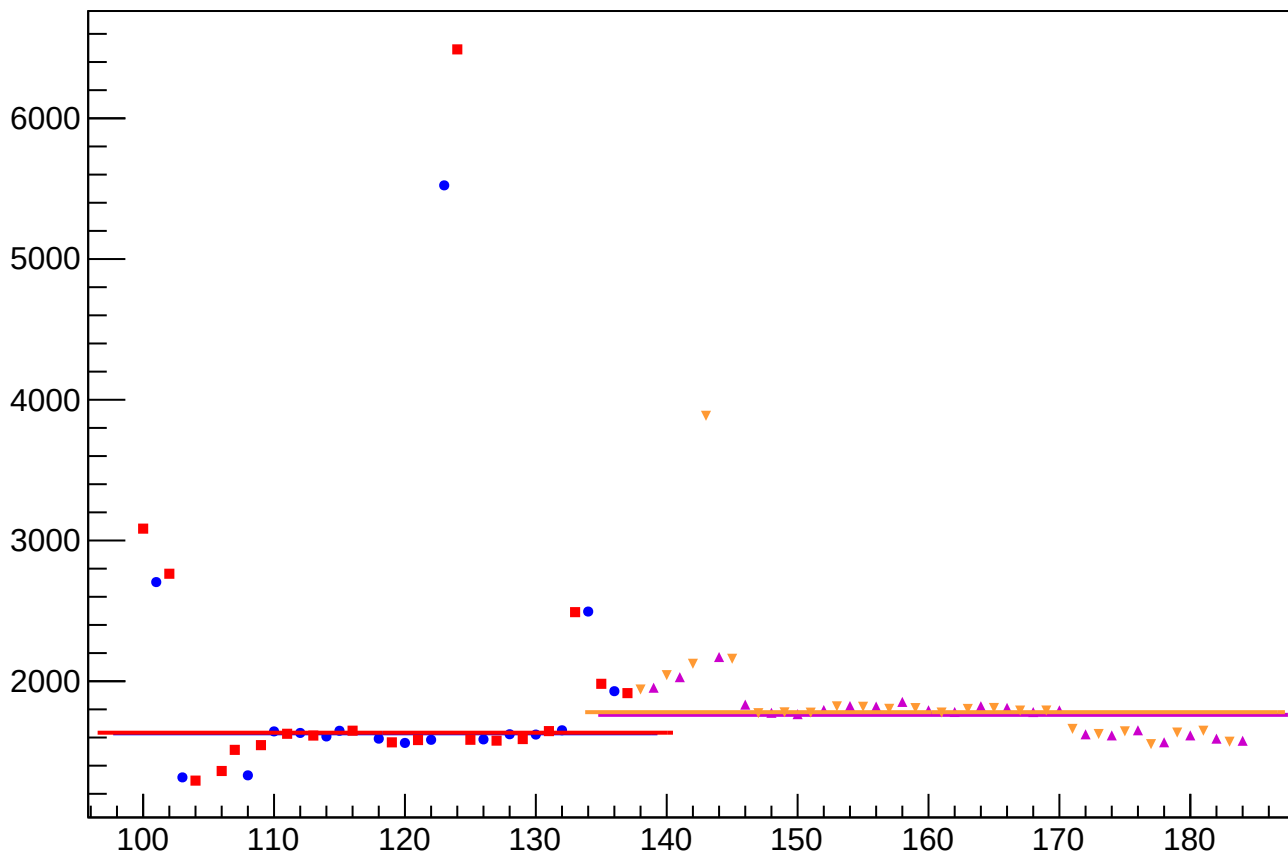
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

In: -338.758 $\pm$ 352.342 χ^2 /NDF:31.8/39

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

All: -360.814 $\pm$ 248.601 χ^2 /NDF: 76.0/82

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954 $\pm$ 0.455 χ^2 /NDF: 408151.7/16

Left Out: 1780.161 $\pm$ 0.298 χ^2 /NDF: 674538.6/23

Right Out: 1634.258 $\pm$ 0.448 χ^2 /NDF: 588649.4/18

Left In: 1761.158 $\pm$ 0.298 χ^2 /NDF: 215162.1/22

Left: 1770.657 $\pm$ 0.211 χ^2 /NDF: 891735.7/46

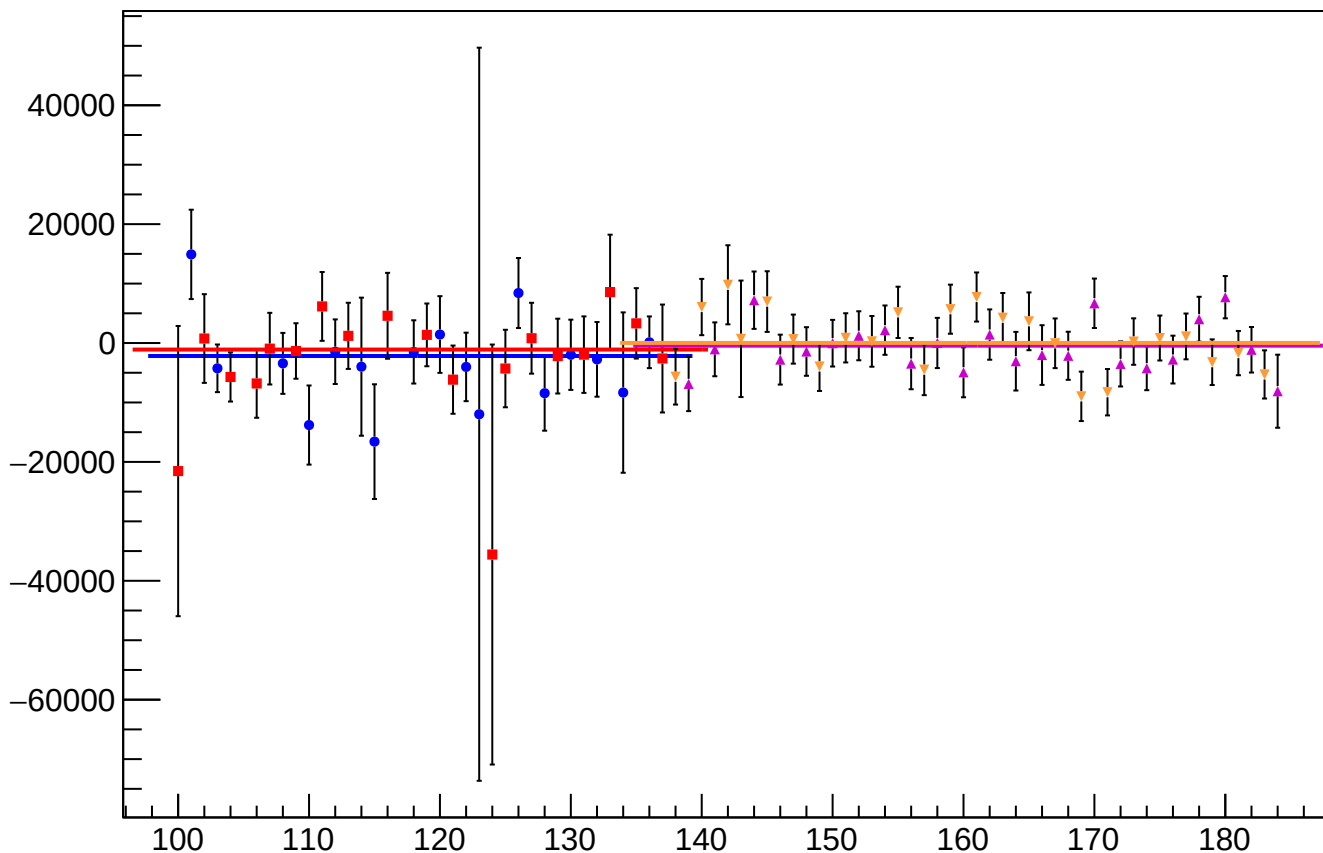
Right: 1632.138 $\pm$ 0.319 χ^2 /NDF: 996846.6/35

In: 1721.765 $\pm$ 0.249 χ^2 /NDF: 681580.3/39

Out: 1735.416 $\pm$ 0.248 χ^2 /NDF: 1336746.2/42

All: 1728.620 $\pm$ 0.176 χ^2 /NDF: 2019834.2/82

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 19.417+/-876.226 χ^2/NDF : 29.6/23

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

Left In: -444.358+/-874.185 χ^2/NDF : 21.1/22

Left: -213.011+/-618.863 χ^2/NDF : 50.8/46

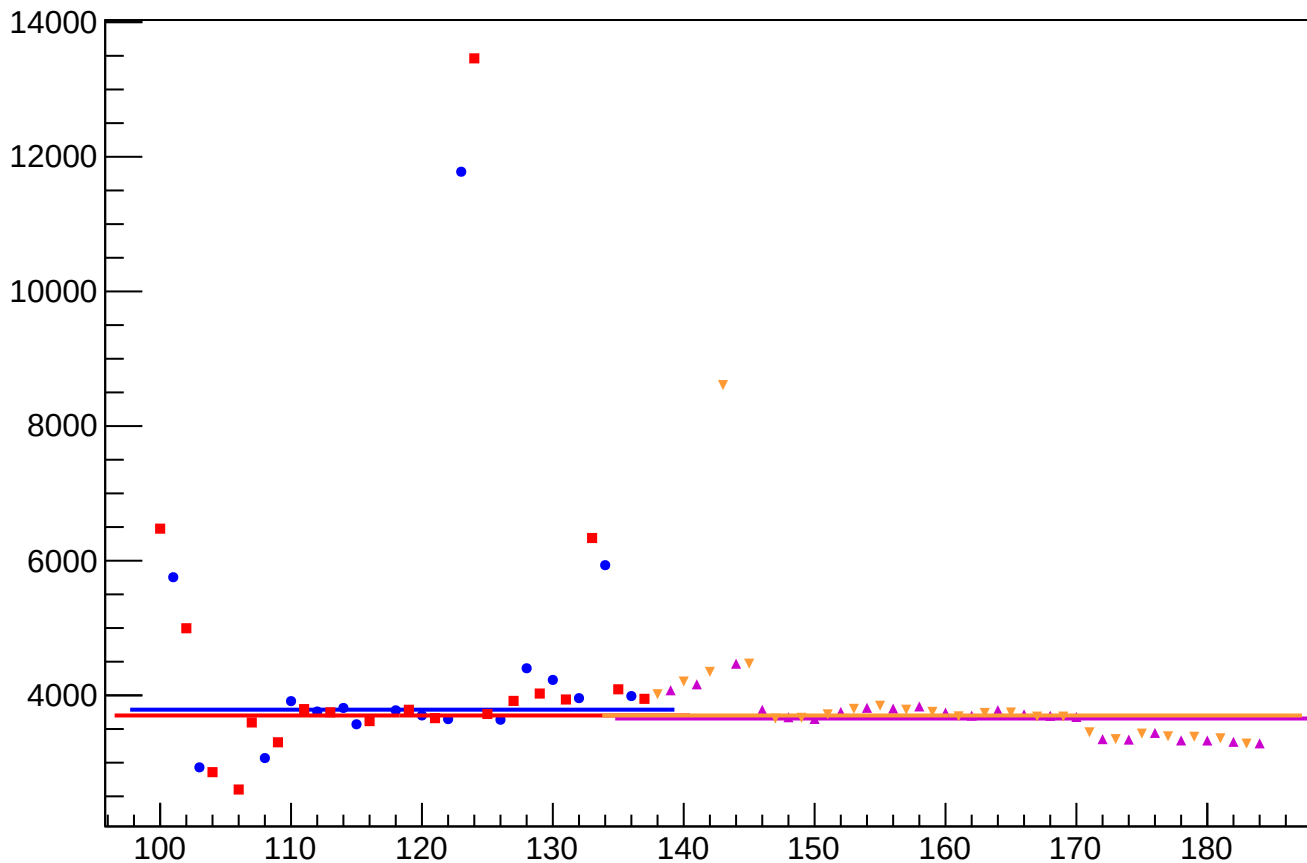
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -887.276+/-754.386 χ^2/NDF : 38.1/39

Out: -282.671+/-748.514 χ^2/NDF : 39.3/42

All: -582.611+/-531.343 χ^2/NDF : 77.7/82

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 3656.034+/-0.618 χ^2/NDF : 202126.4/22

Left: 3678.521+/-0.438 χ^2/NDF : 907174.6/46

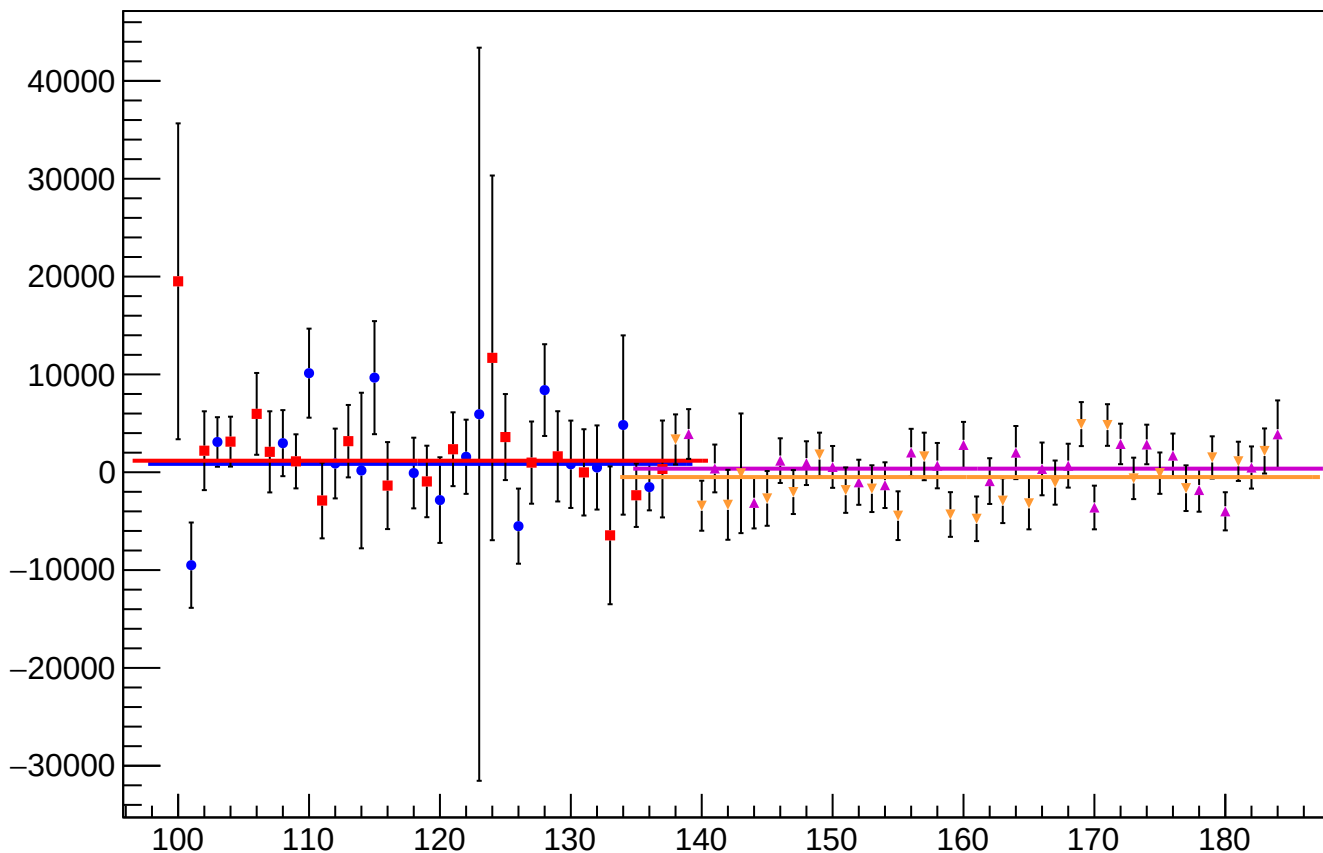
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3689.547+/-0.533 χ^2/NDF : 606290.3/39

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

All: 3695.351+/-0.376 χ^2/NDF : 1890015.4/82

asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 366.243 $\pm$ 483.092 χ^2/NDF :20.5/22

Left: -61.911 $\pm$ 342.434 χ^2/NDF : 56.0/46

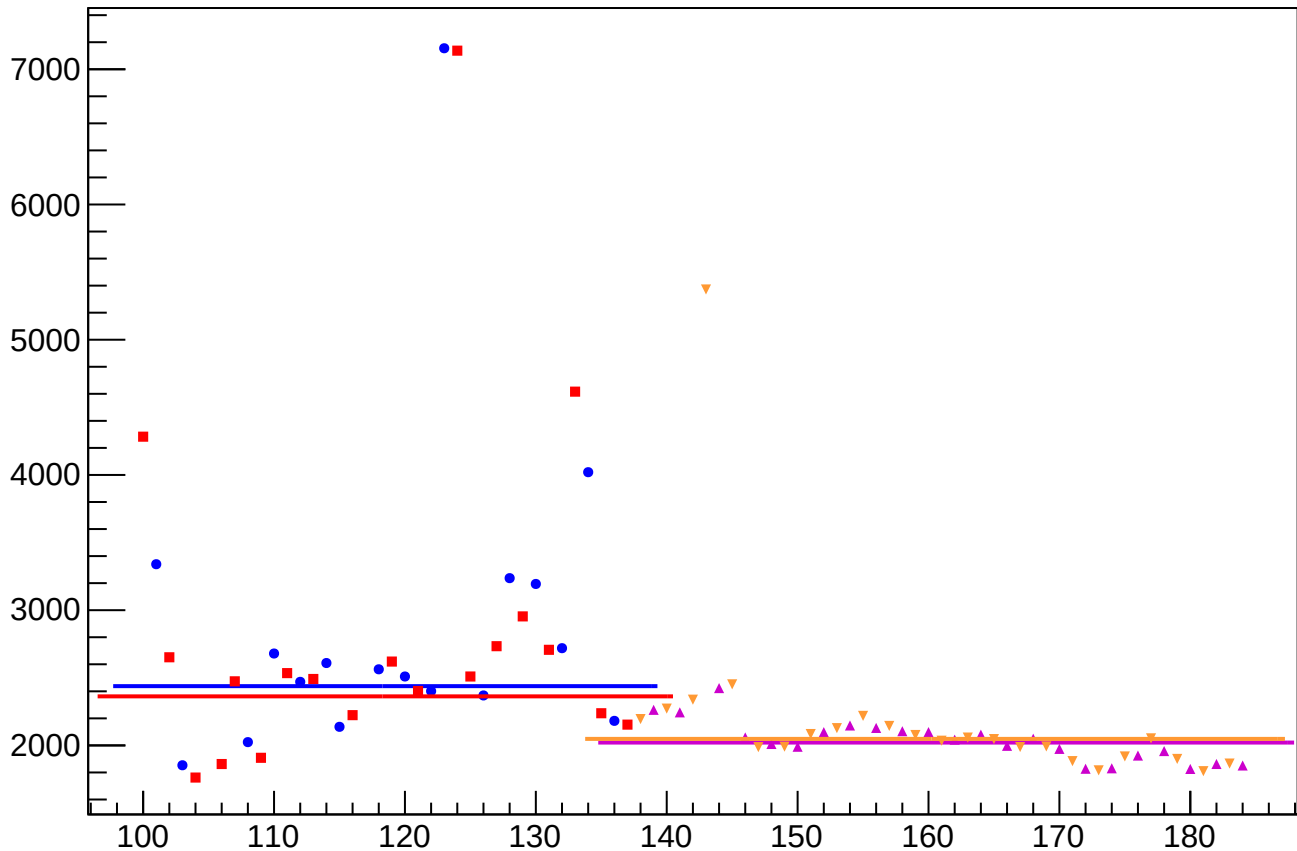
Right: 1023.765 $\pm$ 667.934 χ^2/NDF : 29.3/35

In: 464.466 $\pm$ 431.962 χ^2/NDF :41.4/39

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

All: 164.053 $\pm$ 304.721 χ^2/NDF : 87.3/82

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2048.273 $\pm$ 0.343 χ^2/NDF : 782256.5/23

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

Left In: 2021.065 $\pm$ 0.342 χ^2/NDF : 178726.2/22

Left: 2034.602 $\pm$ 0.242 χ^2/NDF : 964139.0/46

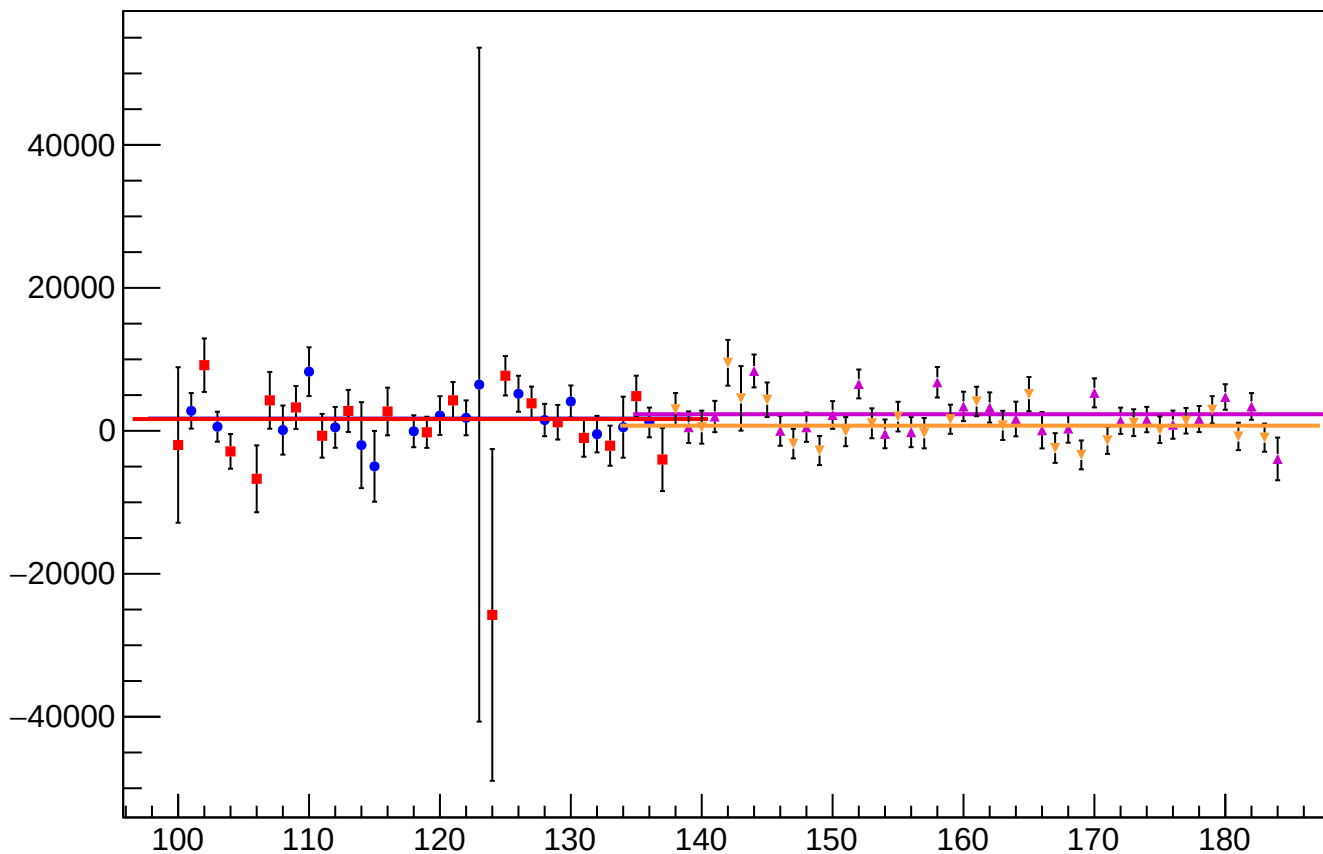
Right: 2398.946 $\pm$ 0.472 χ^2/NDF : 1140632.3/35

In: 2104.707 $\pm$ 0.305 χ^2/NDF : 954502.2/39

Out: 2116.108 $\pm$ 0.304 χ^2/NDF : 1620809.1/42

All: 2110.434 $\pm$ 0.215 χ^2/NDF : 2576011.2/82

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2323.976 $\pm$ 428.861 χ^2/NDF : 33.9/22

Left: 1524.028 $\pm$ 303.296 χ^2/NDF : 74.4/46

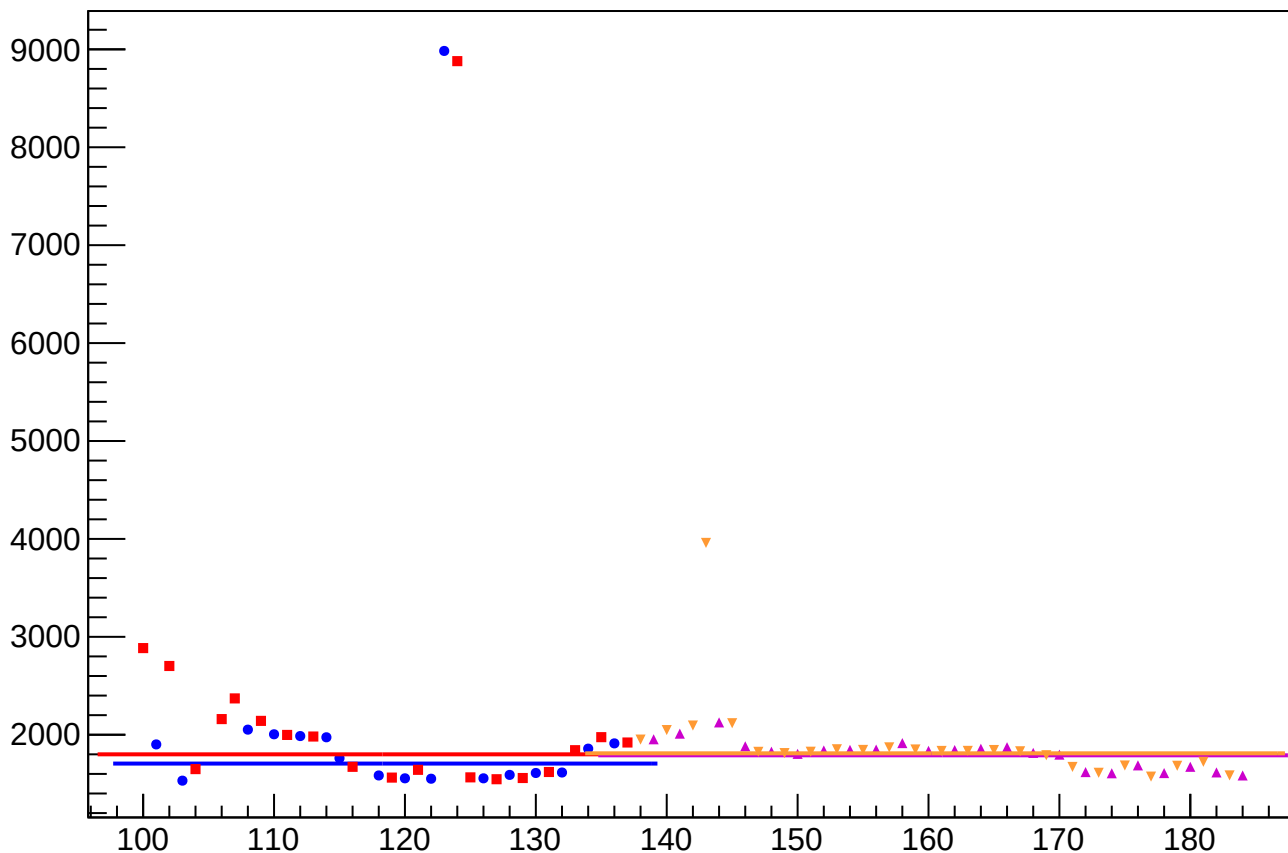
Right: 1682.780 $\pm$ 481.052 χ^2/NDF : 38.3/35

In: 2145.201 $\pm$ 360.753 χ^2/NDF : 45.9/39

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

All: 1569.184 $\pm$ 256.560 χ^2/NDF : 112.8/82

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1789.929 $\pm$ 0.303 χ^2 /NDF: 195626.5/22

Left: 1800.155 $\pm$ 0.214 χ^2 /NDF: 849278.9/46

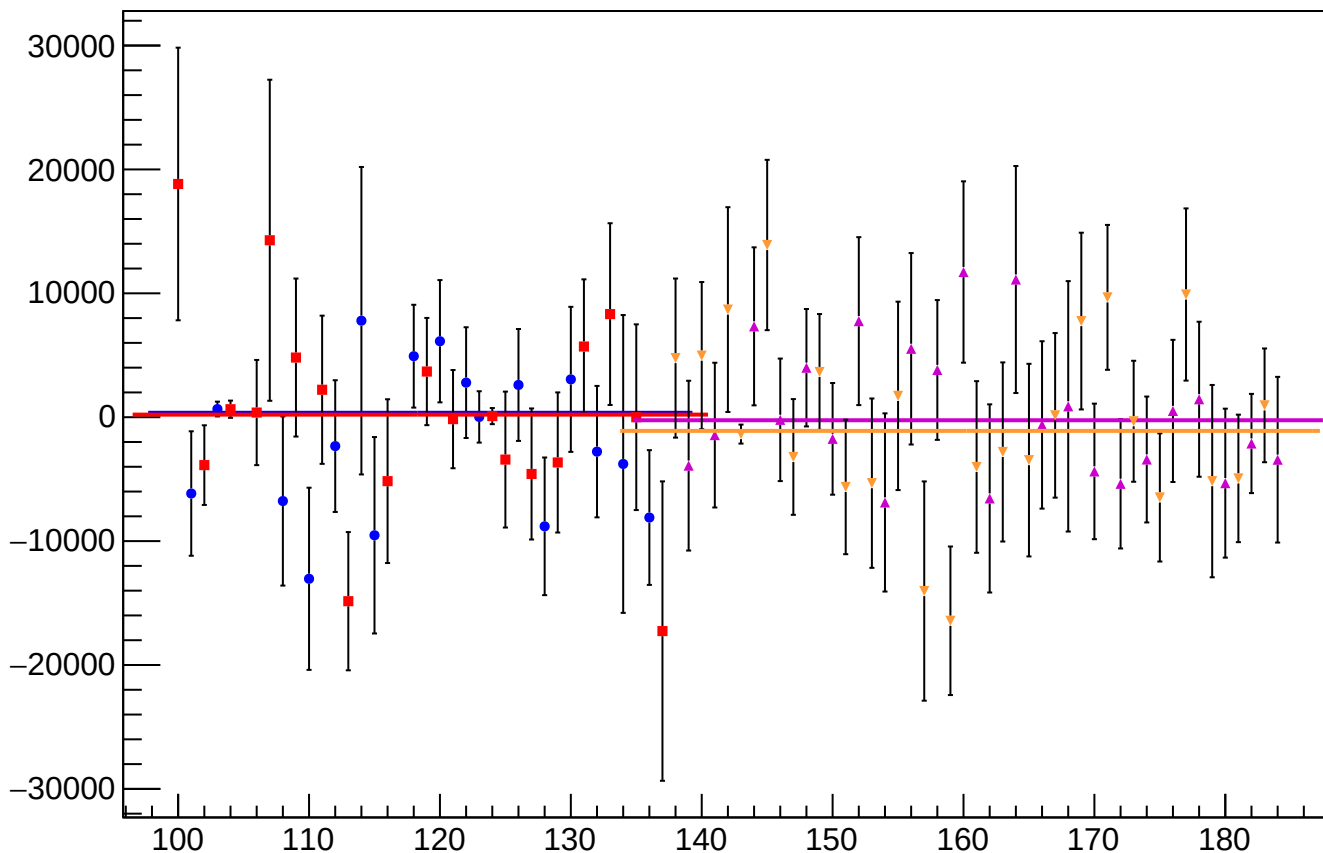
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1765.278 $\pm$ 0.255 χ^2 /NDF: 412399.2/39

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

All: 1786.161 $\pm$ 0.181 χ^2 /NDF: 1616433.9/82

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -245.230 $\pm$ 1234.737 χ^2 /NDF:14.1/22

Left: -914.932 $\pm$ 579.009 χ^2 /NDF: 43.7/46

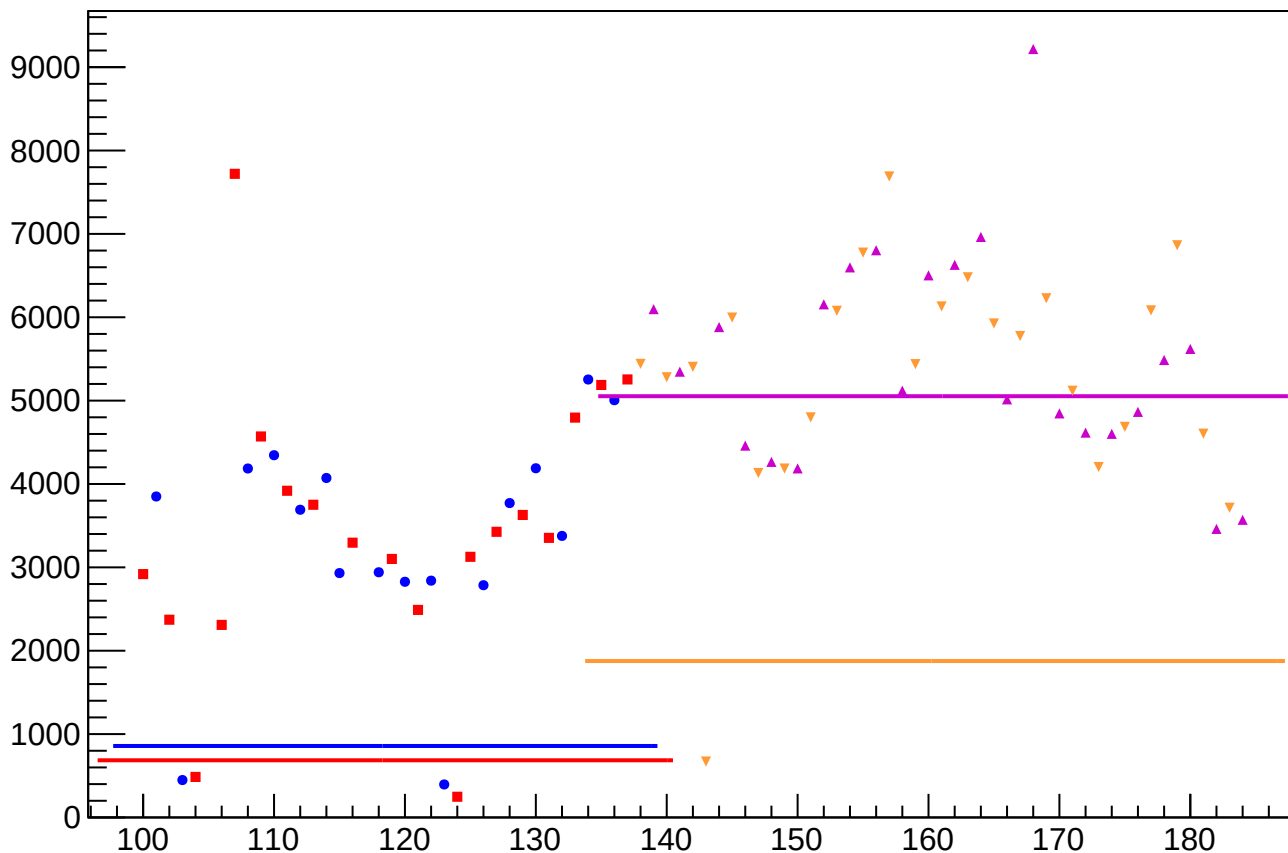
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 262.365 $\pm$ 489.515 χ^2 /NDF:31.8/39

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

All: -36.571 $\pm$ 294.714 χ^2 /NDF: 85.7/82

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 5053.000 $\pm$ 0.873 χ^2 /NDF:1559012.3/22

Left: 2574.854 $\pm$ 0.409 χ^2 /NDF: 31523913.5/46

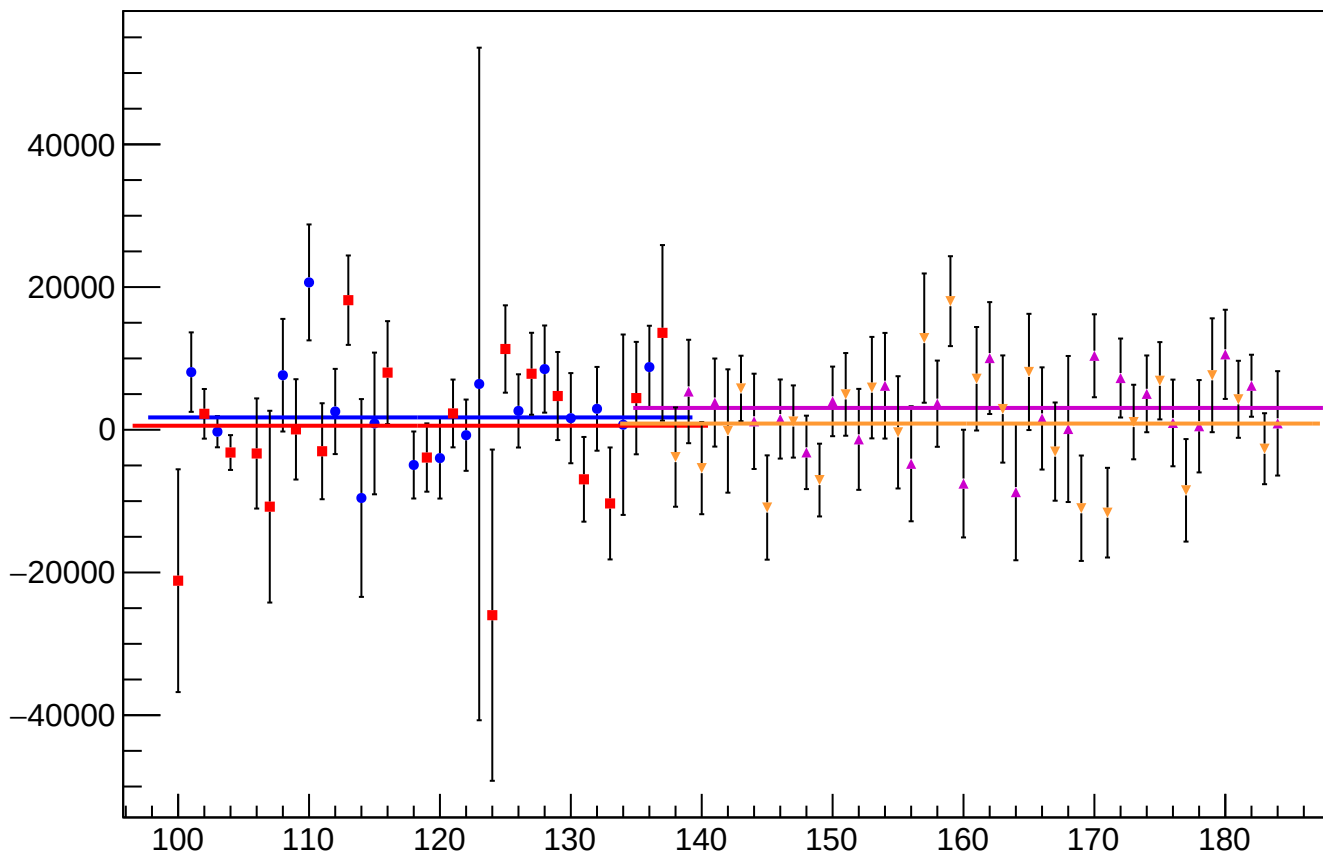
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1516.904 $\pm$ 0.346 χ^2 /NDF:29196475.3/39

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

All: 1227.659 $\pm$ 0.208 χ^2 /NDF: 63895432.6/80

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3061.439+/-1313.197 χ^2/NDF :12.3/22

Left: 1945.476+/-919.838 χ^2/NDF : 44.5/46

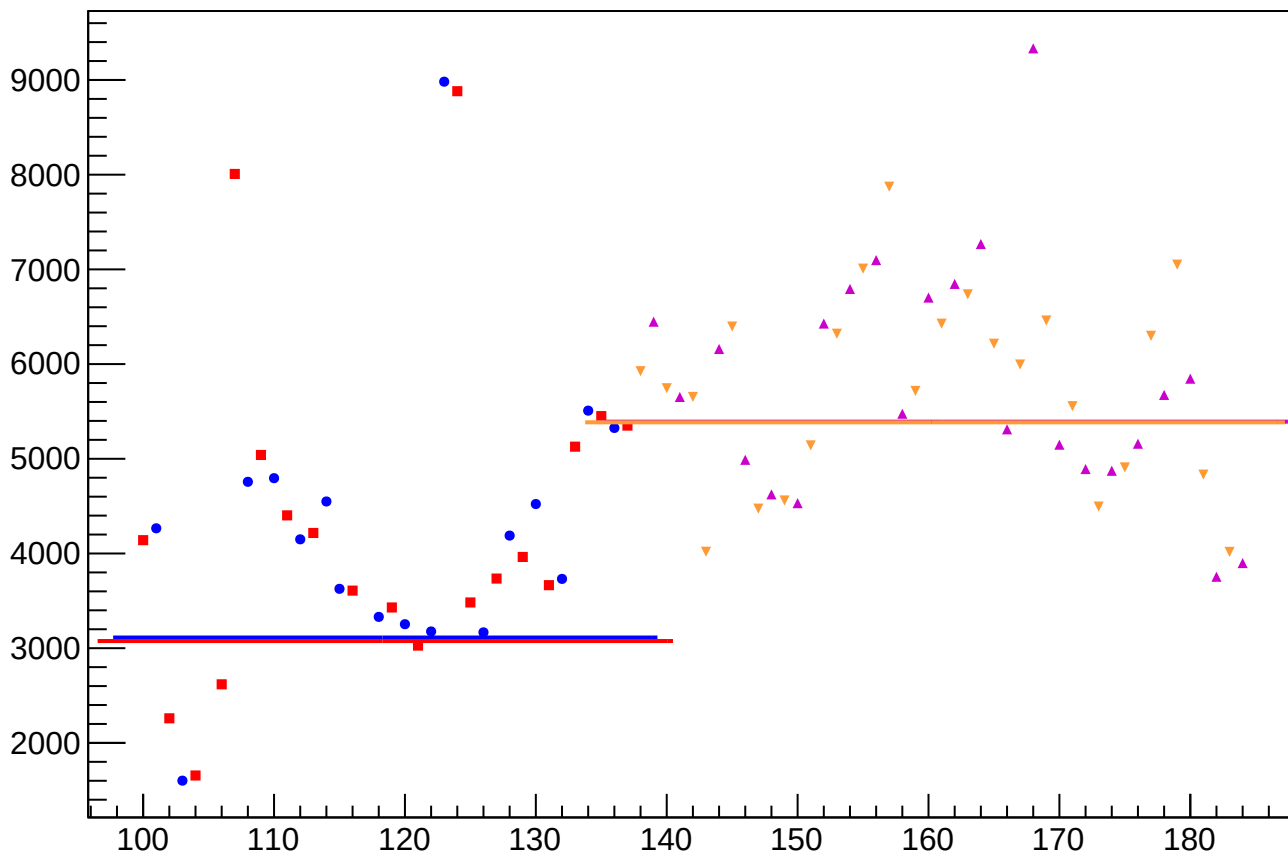
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 2392.997+/-925.518 χ^2/NDF :27.7/39

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

All: 1542.011+/-649.048 χ^2/NDF : 87.3/82

asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5391.987 $\pm$ 0.929 χ^2 /NDF: 1320415.5/22

Left: 5388.440 $\pm$ 0.650 χ^2 /NDF: 2505035.1/46

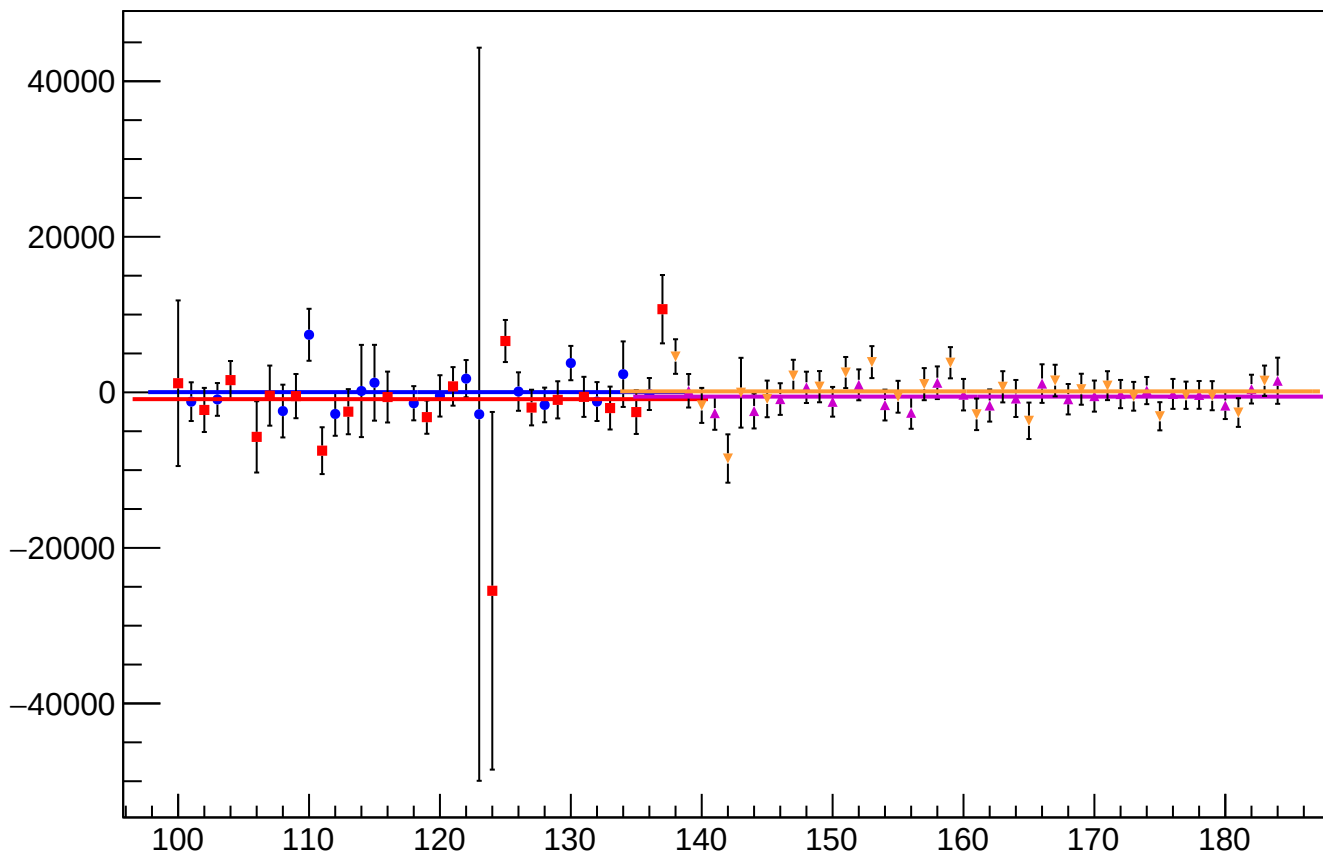
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 4244.851 $\pm$ 0.654 χ^2 /NDF: 6237329.0/39

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

All: 4227.654 $\pm$ 0.457 χ^2 /NDF: 12697888.5/81

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 126.129+/-420.591 χ^2/NDF : 33.7/23

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

Left In: -549.051+/-420.967 χ^2/NDF : 7.2/22

Left: -211.159+/-297.536 χ^2/NDF : 42.2/46

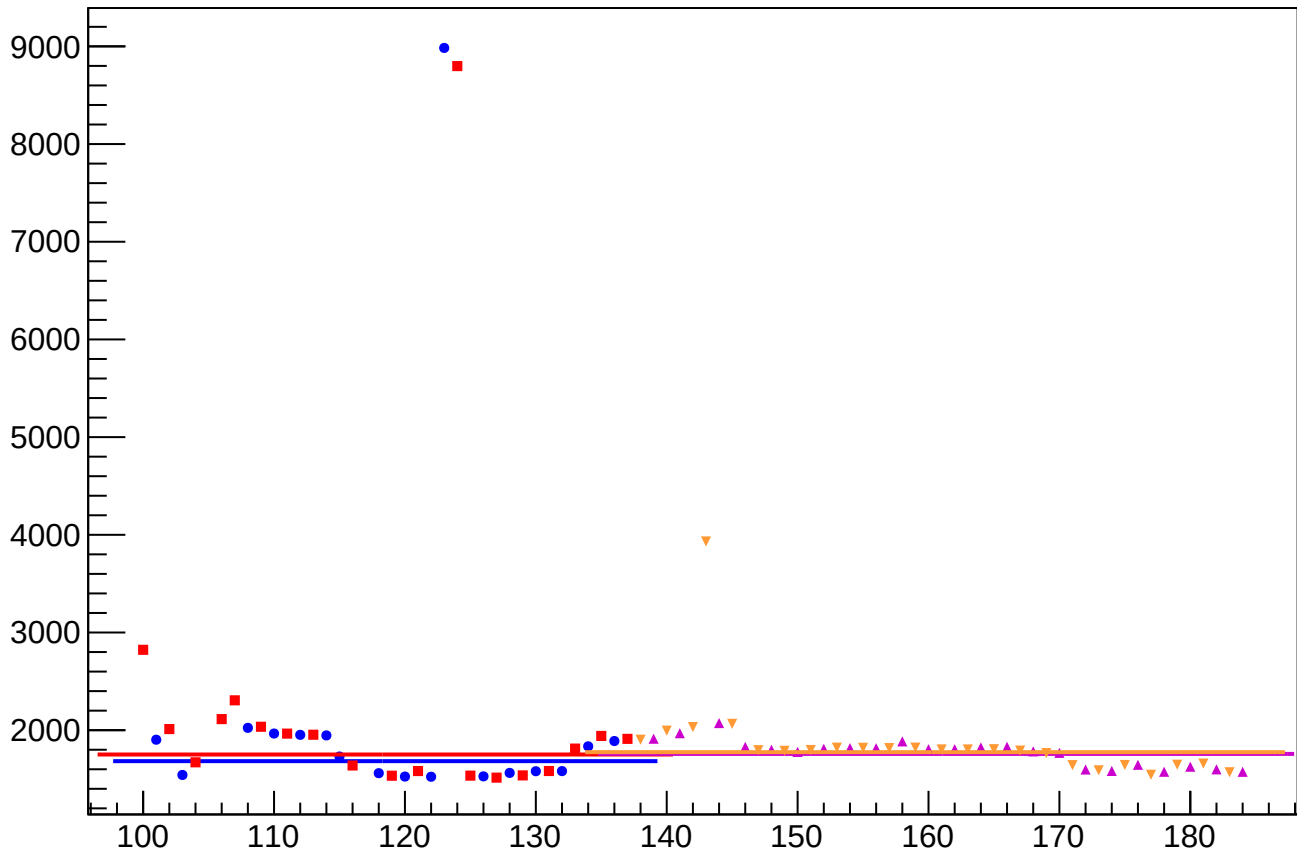
Right: -412.596+/-470.731 χ^2/NDF : 38.4/35

In: -381.285+/-354.669 χ^2/NDF : 19.5/39

Out: -154.741+/-356.709 χ^2/NDF : 60.9/42

All: -268.663+/-251.507 χ^2/NDF : 80.7/82

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1757.303+/-0.298 χ^2/NDF : 188004.2/22

Left: 1766.187+/-0.210 χ^2/NDF : 842411.7/46

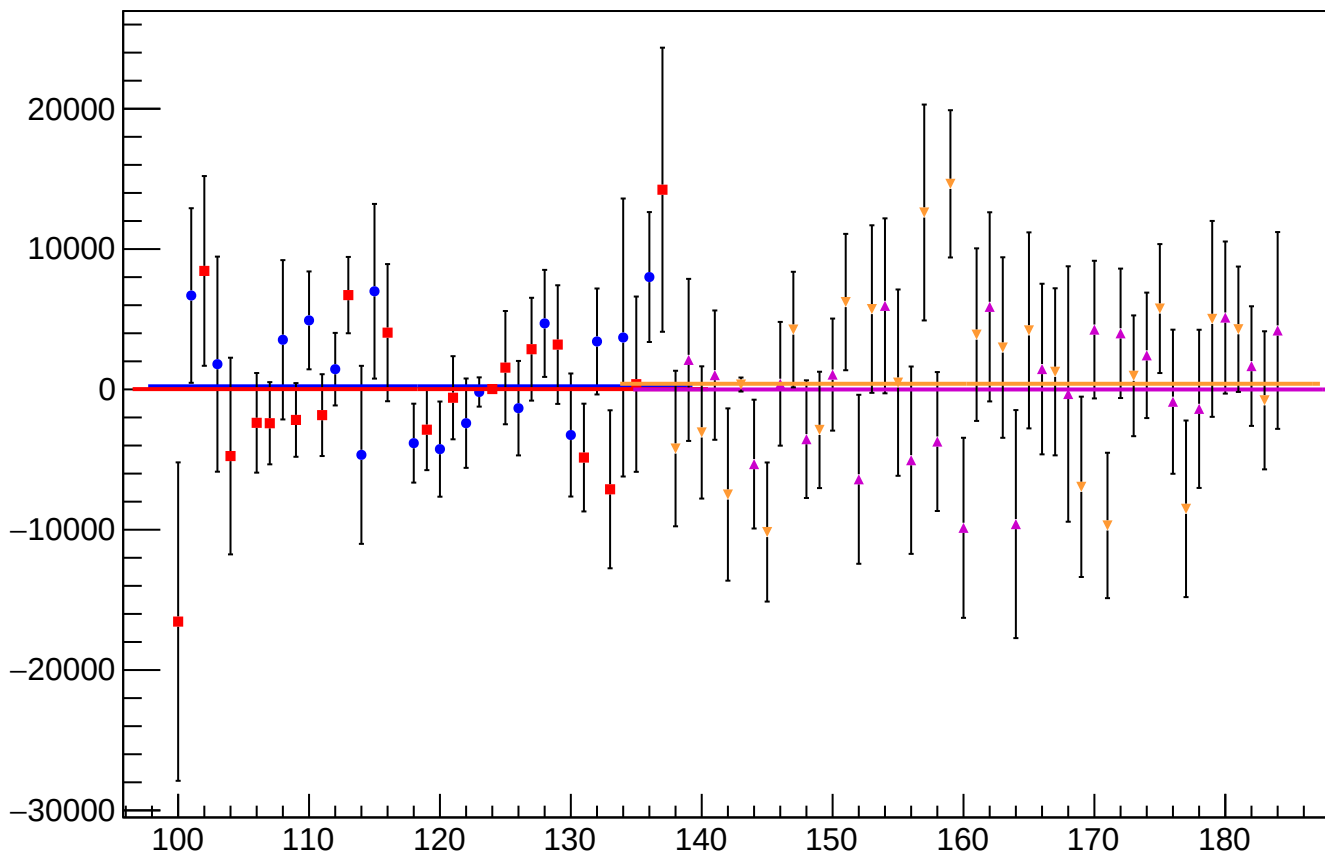
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1735.778+/-0.251 χ^2/NDF : 401881.6/39

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

All: 1751.958+/-0.178 χ^2/NDF : 1491776.0/82

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 401.250+/-455.529 χ^2/NDF : 31.6/23

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

Left In: -5.520+/-1097.521 χ^2/NDF : 13.4/22

Left: 341.474+/-420.729 χ^2/NDF : 45.1/46

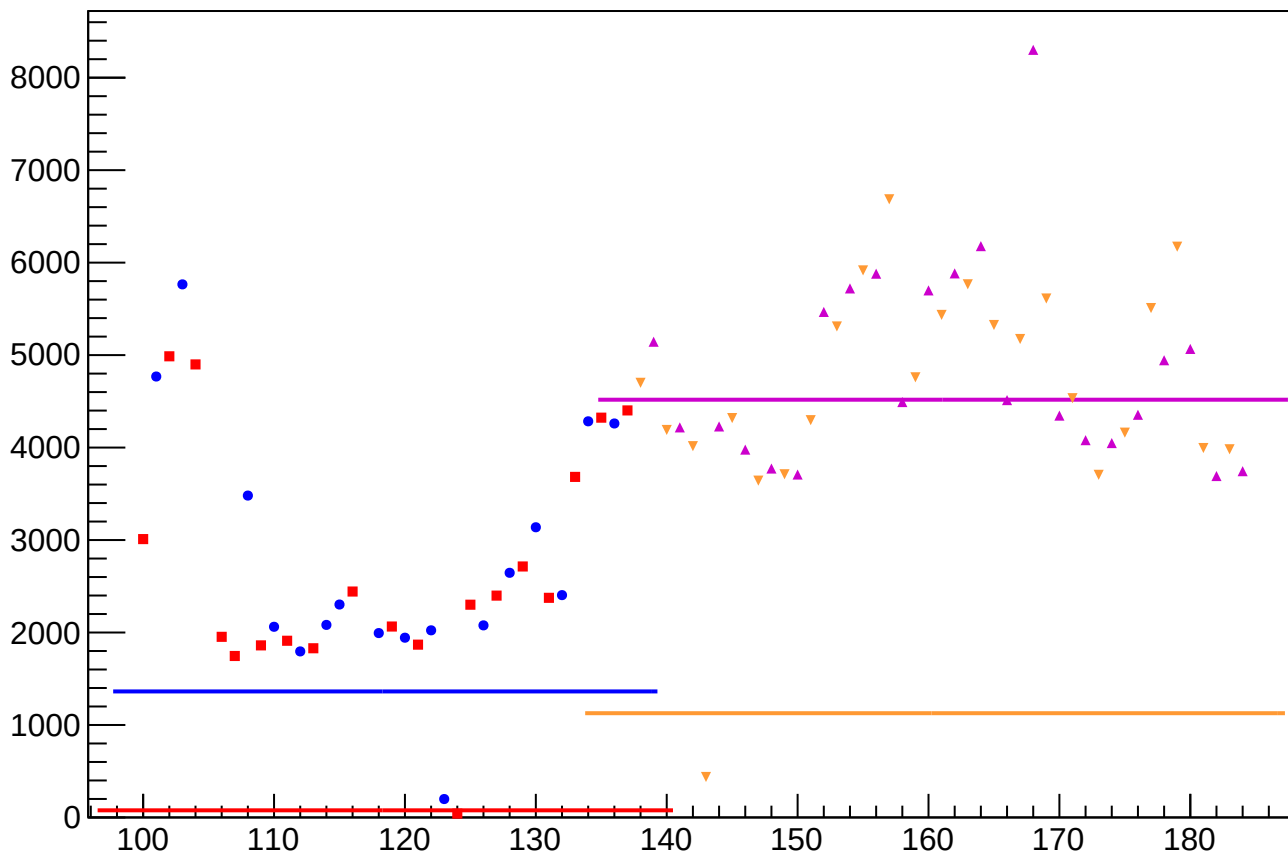
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

In: 151.891+/-602.552 χ^2/NDF : 29.2/39

Out: 42.771+/-110.708 χ^2/NDF : 53.0/42

All: 46.334+/-108.885 χ^2/NDF : 82.2/82

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4517.593 $\pm$ 0.776 χ^2 /NDF:1177704.0/22

Left: 1625.611 $\pm$ 0.298 χ^2 /NDF: 41224086.2/46

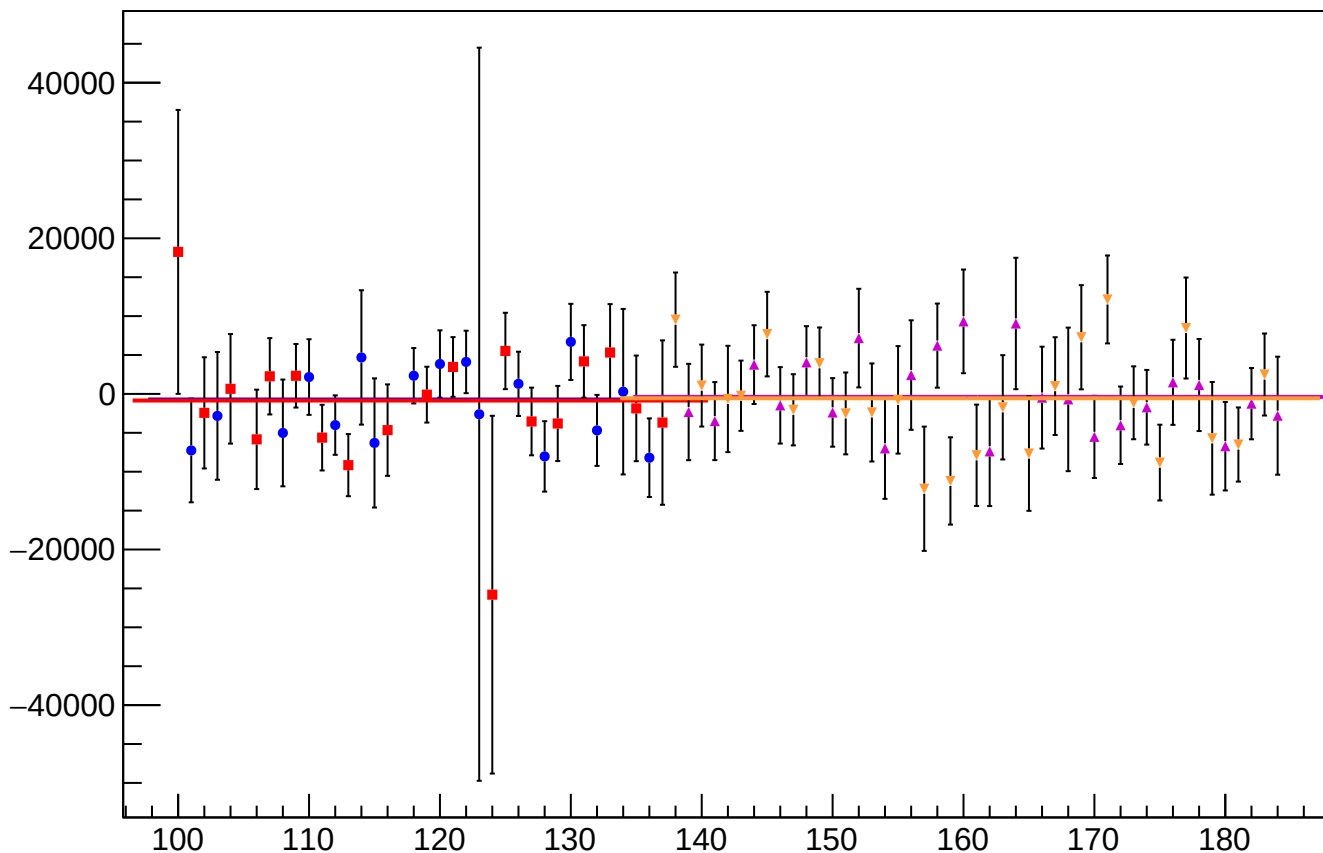
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2313.727 $\pm$ 0.426 χ^2 /NDF:18957502.4/39

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

All: 210.173 $\pm$ 0.077 χ^2 /NDF: 91175177.8/82

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -385.098+/-1181.458 χ^2/NDF : 13.9/22

Left: -474.474+/-826.860 χ^2/NDF : 42.0/46

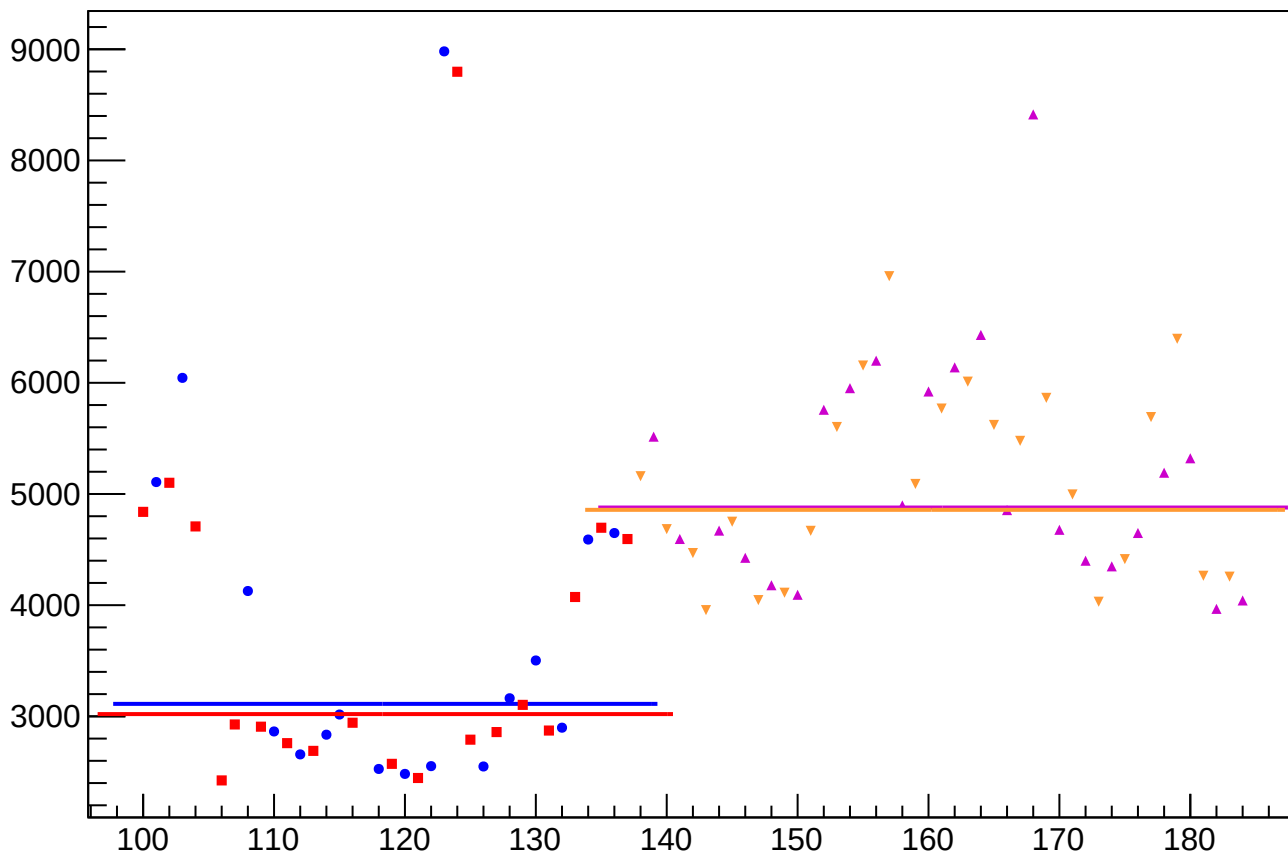
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -543.478+/-859.441 χ^2/NDF : 28.7/39

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

All: -624.859+/-597.191 χ^2/NDF : 72.9/82

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4857.432 $\pm$ 0.819 χ^2 /NDF: 897745.9/23

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

Left In: 4878.261 $\pm$ 0.835 χ^2 /NDF: 965222.2/22

Left: 4867.634 $\pm$ 0.585 χ^2 /NDF: 1863285.3/46

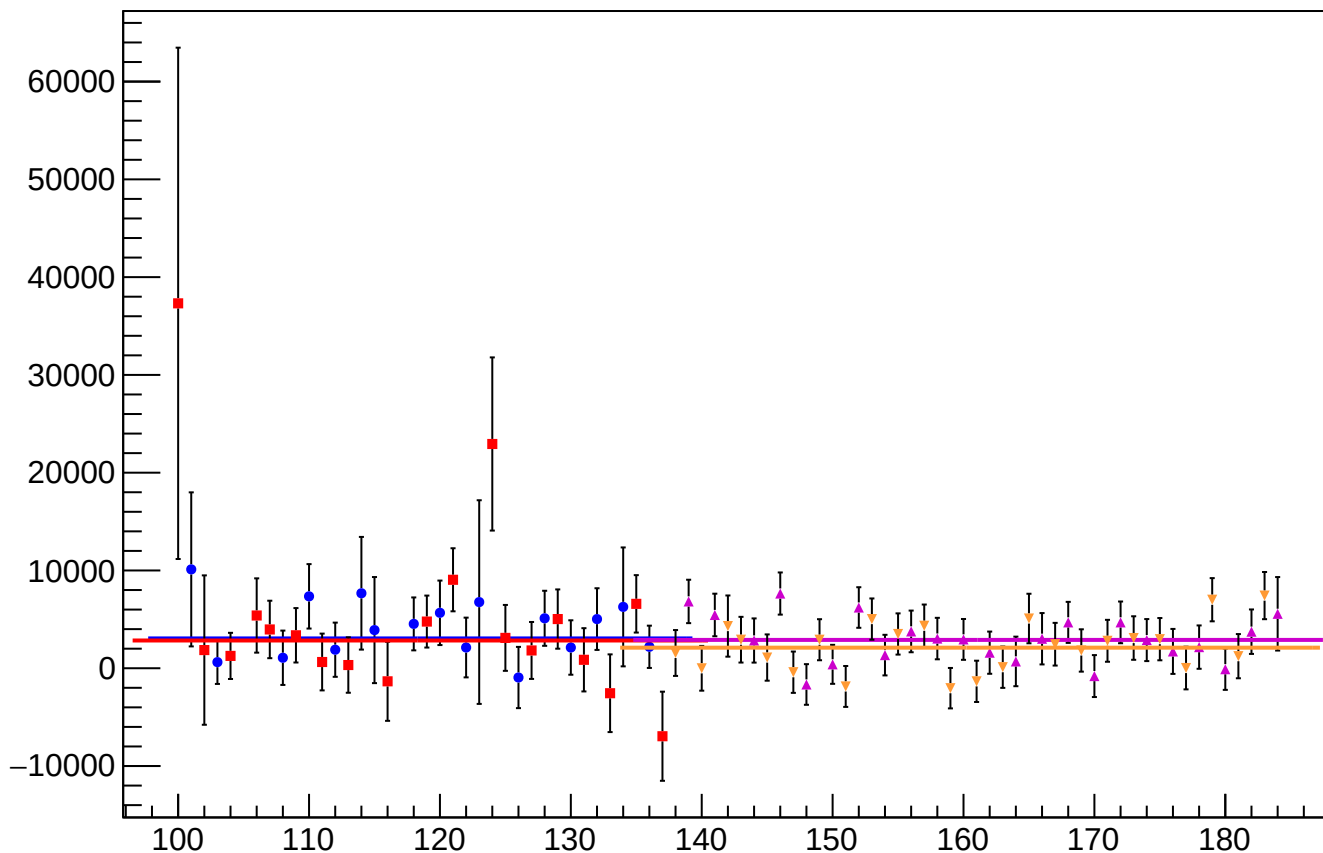
Right: 3063.446 $\pm$ 0.607 χ^2 /NDF: 1758429.8/35

In: 4046.758 $\pm$ 0.608 χ^2 /NDF: 4027764.6/39

Out: 3954.180 $\pm$ 0.584 χ^2 /NDF: 4168429.5/42

All: 3998.597 $\pm$ 0.421 χ^2 /NDF: 8208267.0/82

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083+/-772.320 χ^2/NDF : 9.3/16

Left Out: 2103.899+/-453.871 χ^2/NDF :30.6/23

Right Out: 2838.725+/-765.884 χ^2/NDF : 23.8/18

Left In: 2897.812+/-460.232 χ^2/NDF :27.6/22

Left: 2495.331+/-323.161 χ^2/NDF : 59.7/46

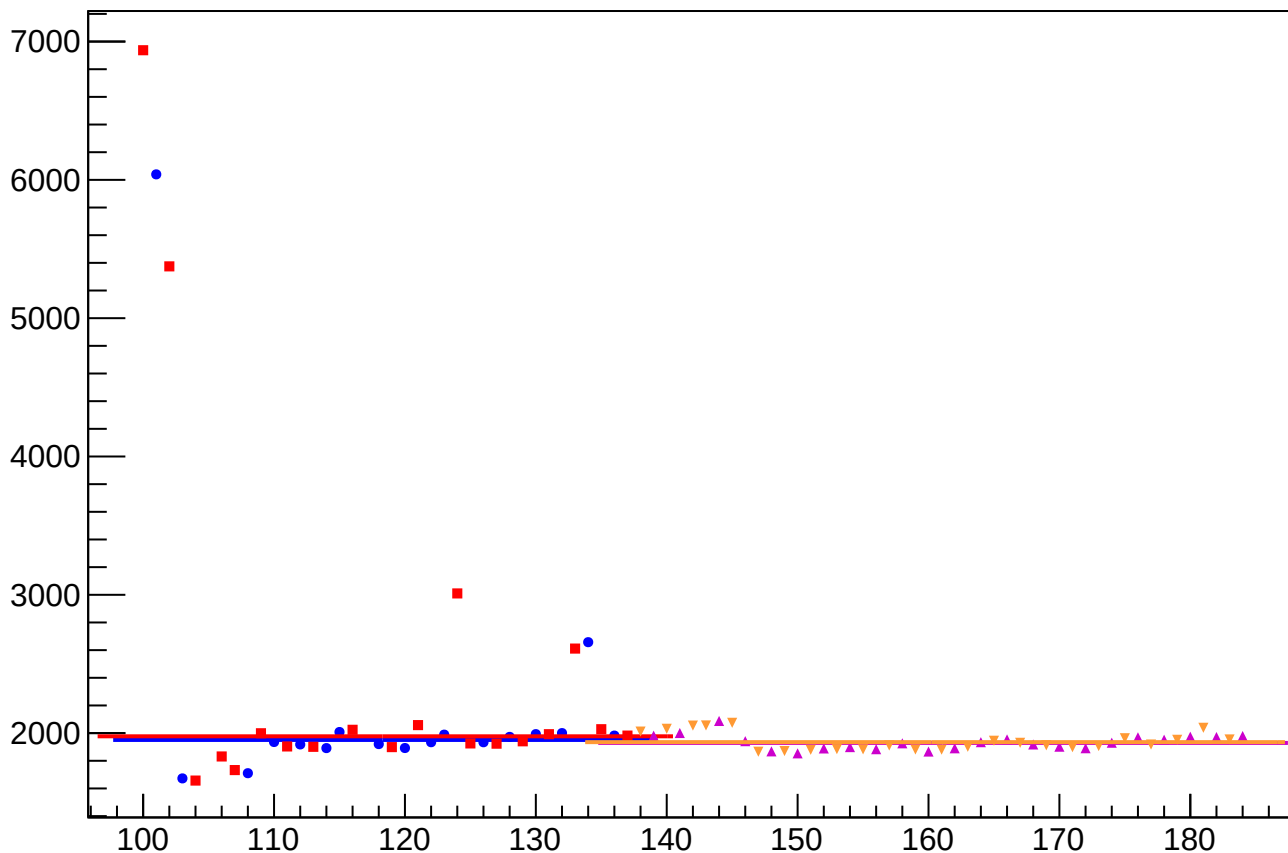
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 2937.453+/-395.358 χ^2/NDF :36.9/39

Out: 2294.888+/-390.458 χ^2/NDF :55.0/42

All: 2612.164+/-277.812 χ^2/NDF : 93.3/82

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1934.796 $\pm$ 0.321 χ^2 /NDF:38231.4/23

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

Left In: 1929.054 $\pm$ 0.325 χ^2 /NDF:26352.7/22

Left: 1931.965 $\pm$ 0.229 χ^2 /NDF: 64741.9/46

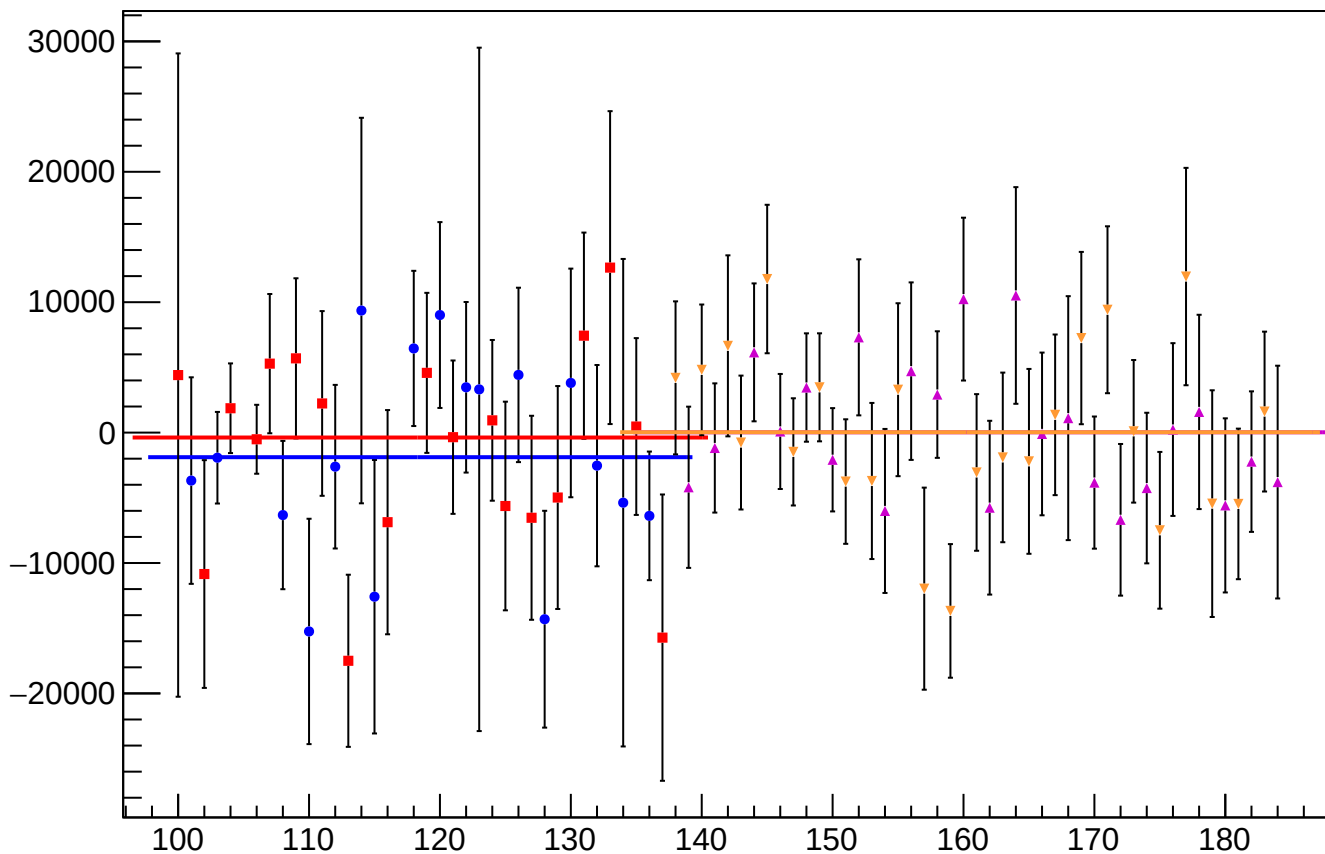
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

In: 1934.724 $\pm$ 0.280 χ^2 /NDF:642676.4/39

Out: 1945.770 $\pm$ 0.276 χ^2 /NDF:650432.2/42

All: 1940.317 $\pm$ 0.196 χ^2 /NDF: 1293899.0/82

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285+/-1657.979 χ^2/NDF : 14.1/16

Left Out: 29.013+/-1182.207 χ^2/NDF : 27.1/23

Right Out: -376.861+/-1359.615 χ^2/NDF : 17.6/18

Left In: 24.107+/-1193.917 χ^2/NDF : 14.7/22

Left: 26.584+/-840.056 χ^2/NDF : 41.7/46

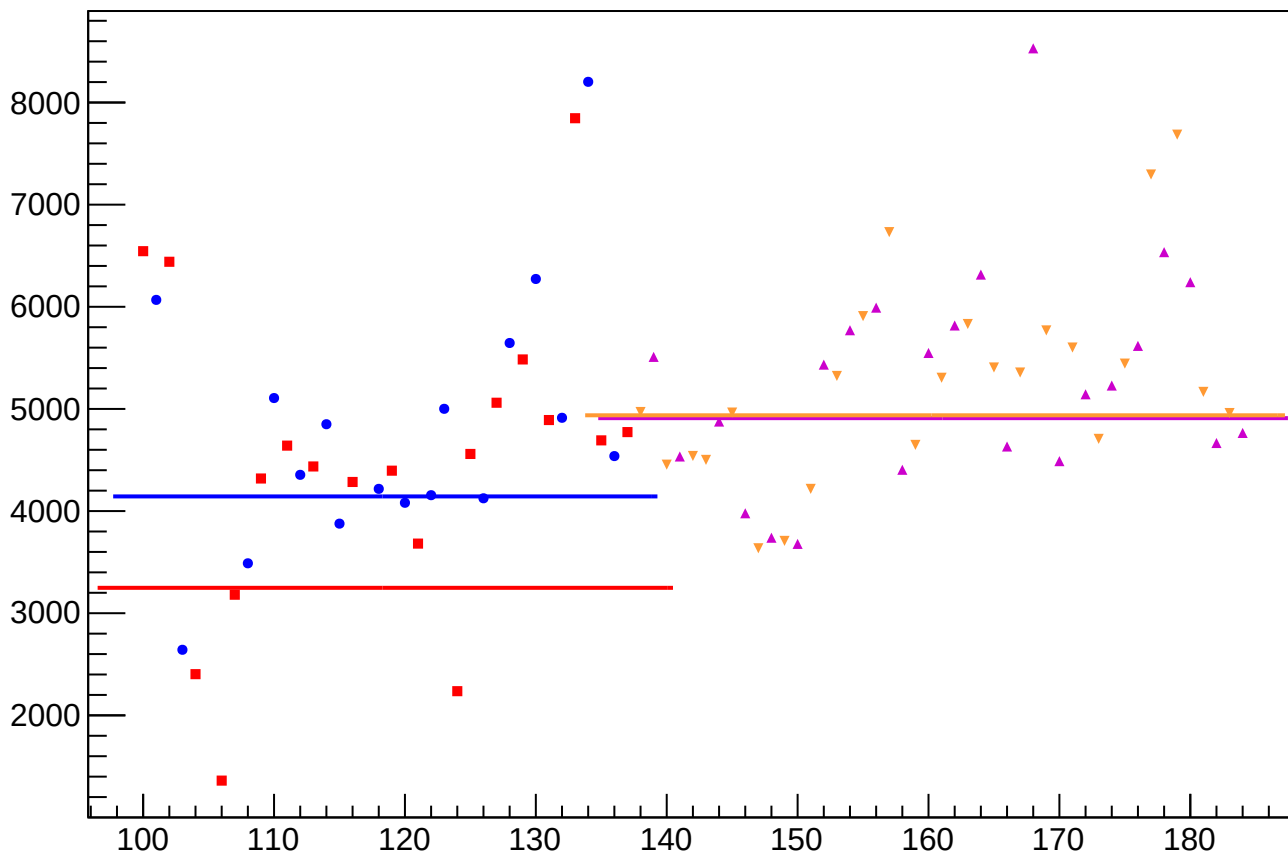
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -627.906+/-968.857 χ^2/NDF : 29.7/39

Out: -145.733+/-892.122 χ^2/NDF : 44.7/42

All: -366.971+/-656.279 χ^2/NDF : 74.5/82

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4909.787+/-0.844 χ^2/NDF : 1240536.9/22

Left: 4923.910+/-0.594 χ^2/NDF : 2365089.6/46

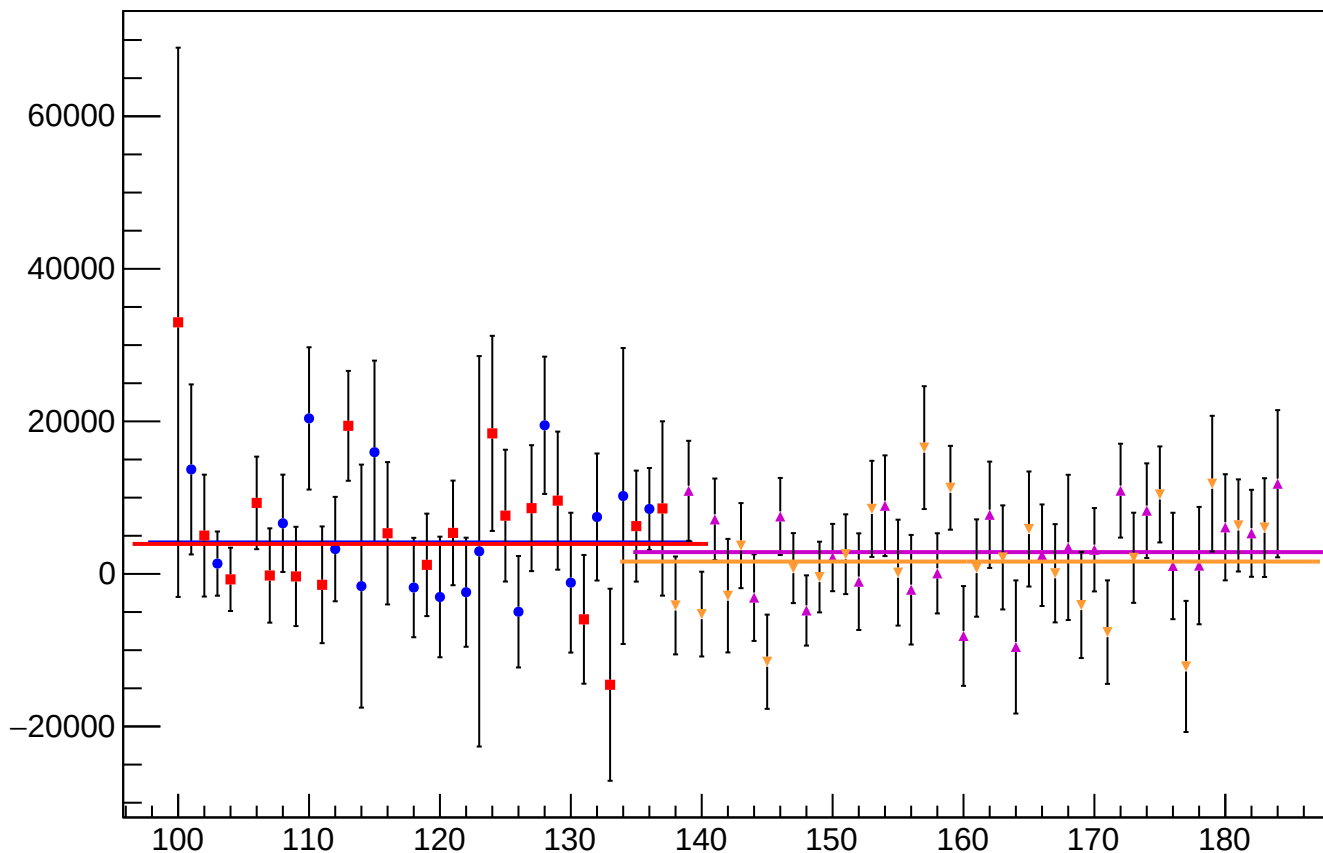
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4648.110+/-0.685 χ^2/NDF : 2377861.5/39

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

All: 4411.301+/-0.464 χ^2/NDF : 8098276.8/82

asym_atr_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2856.480 $\pm$ 1284.131 χ^2 /NDF: 18.1/22

Left: 2230.512 $\pm$ 903.137 χ^2 /NDF: 43.8/46

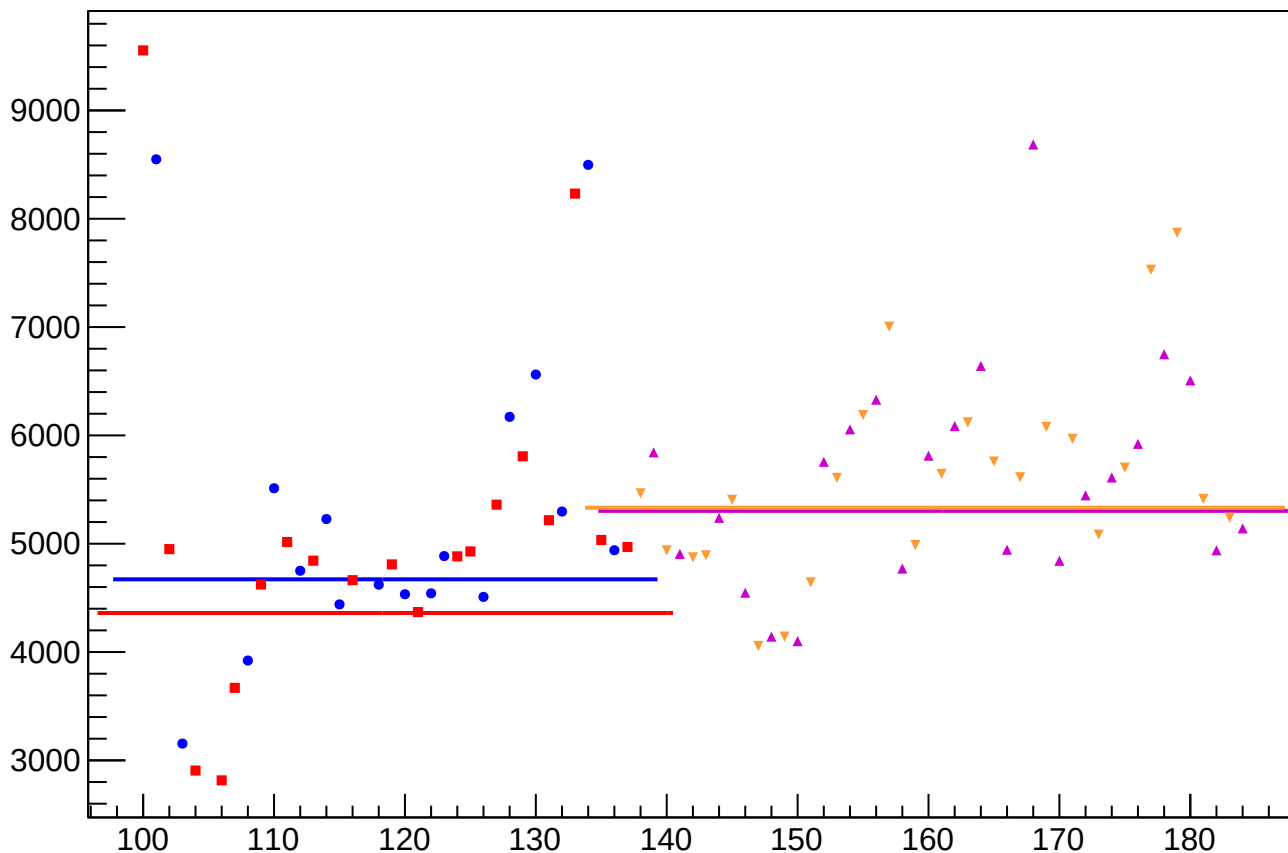
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 3265.557 $\pm$ 1057.309 χ^2 /NDF: 32.1/39

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

All: 2834.955 $\pm$ 735.219 χ^2 /NDF: 73.7/82

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5332.350+/-0.898 χ^2/NDF : 867396.5/23

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

Left In: 5303.321+/-0.908 χ^2/NDF : 960356.0/22

Left: 5317.991+/-0.639 χ^2/NDF : 1828269.0/46

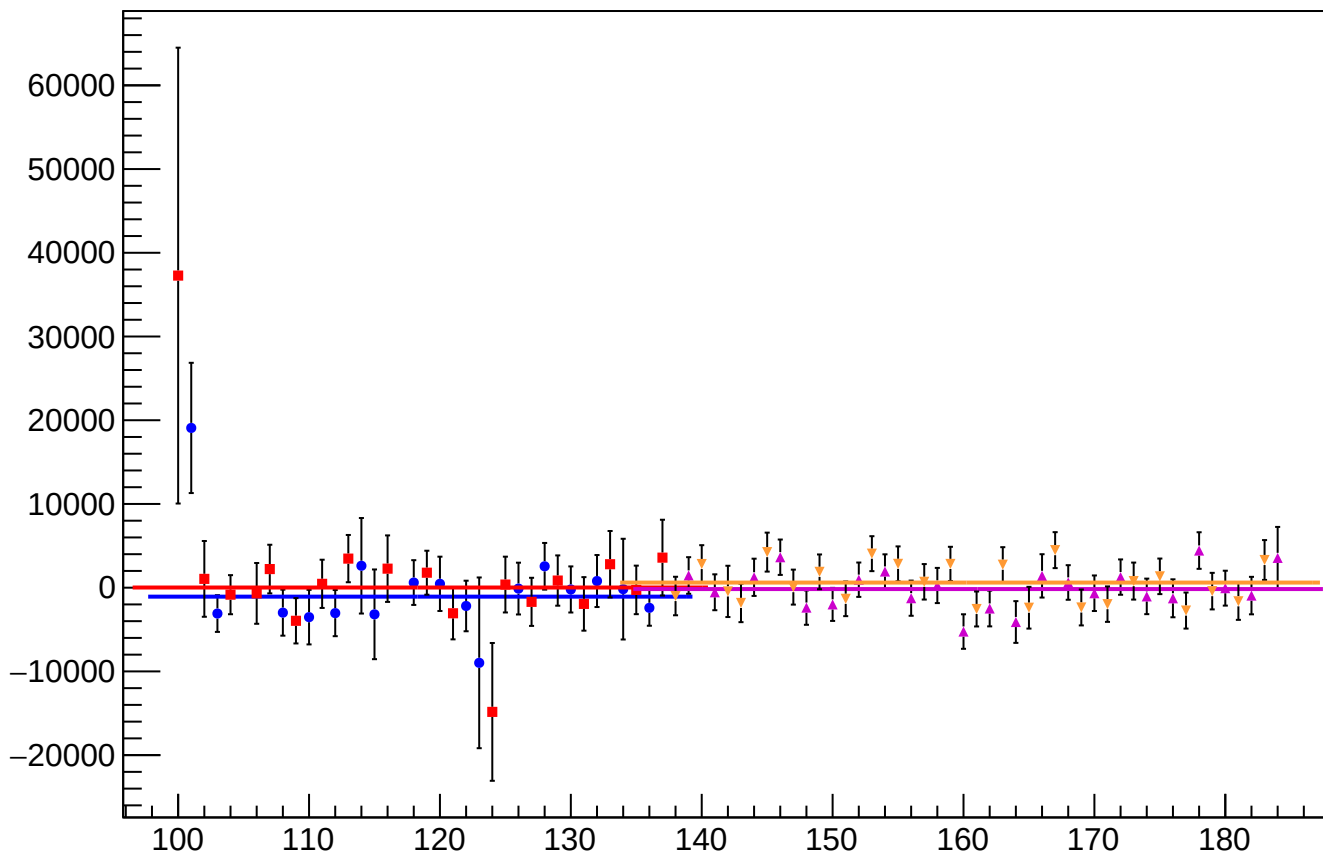
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 5099.772+/-0.748 χ^2/NDF : 1902493.9/39

Out: 4988.154+/-0.722 χ^2/NDF : 2116011.0/42

All: 5042.011+/-0.519 χ^2/NDF : 4030039.5/82

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -165.209+/-454.110 χ^2/NDF : 24.6/22

Left: 227.842+/-318.774 χ^2/NDF : 54.1/46

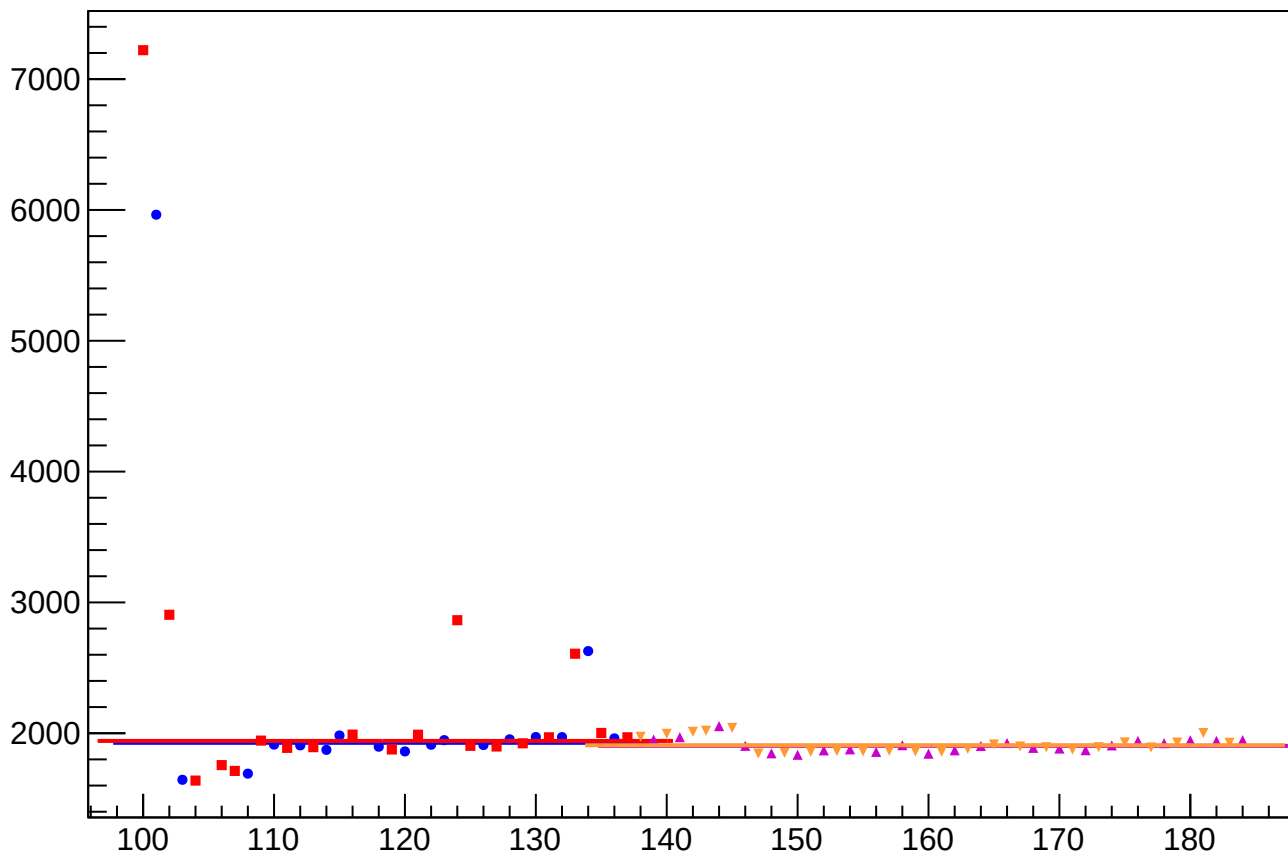
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -402.215+/-390.222 χ^2/NDF : 39.4/39

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

All: 32.688+/-273.722 χ^2/NDF : 83.6/82

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1903.508 $\pm$ 0.321 χ^2 /NDF: 23507.0/22

Left: 1905.904 $\pm$ 0.225 χ^2 /NDF: 56360.2/46

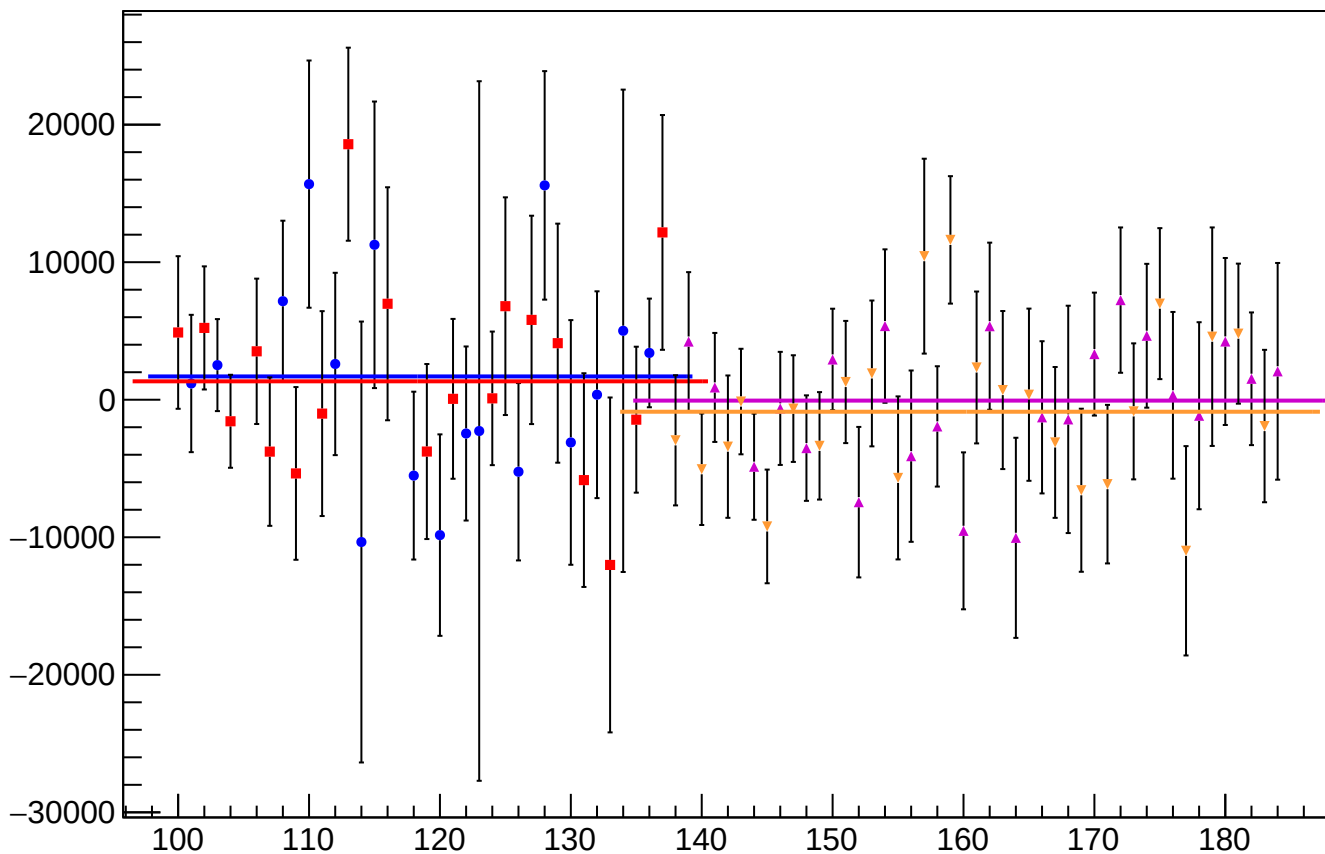
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1909.624 $\pm$ 0.276 χ^2 /NDF: 642010.4/39

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

All: 1913.348 $\pm$ 0.194 χ^2 /NDF: 982355.1/82

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -872.382+/-1030.669 χ^2/NDF : 25.0/23

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

Left In: -63.527+/-1056.624 χ^2/NDF : 16.7/22

Left: -478.011+/-737.798 χ^2/NDF : 42.0/46

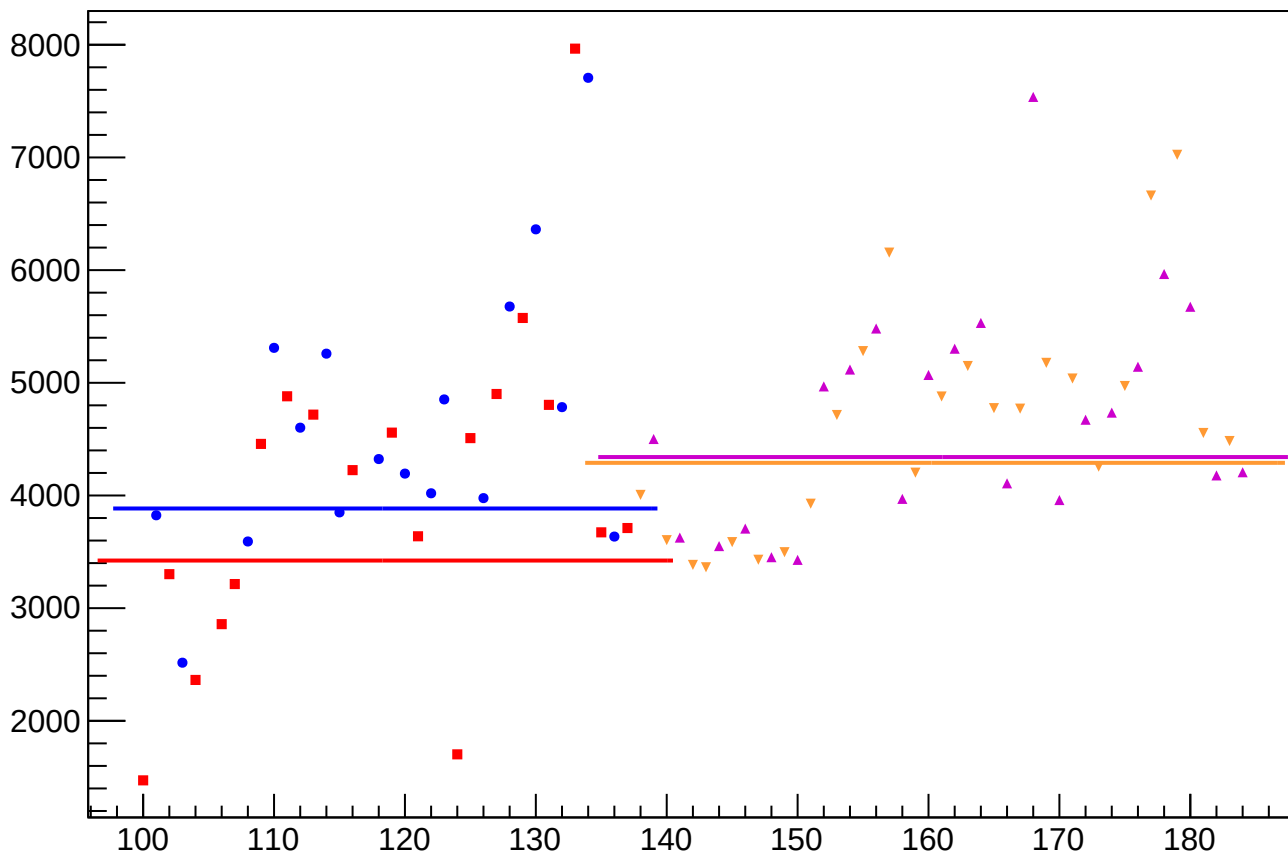
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 493.118+/-873.409 χ^2/NDF : 31.2/39

Out: -72.701+/-823.404 χ^2/NDF : 42.9/42

All: 193.548+/-599.133 χ^2/NDF : 74.3/82

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4289.736 $\pm$ 0.729 χ^2 /NDF:1346280.1/23

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

Left In: 4341.102 $\pm$ 0.747 χ^2 /NDF:1295892.3/22

Left: 4314.780 $\pm$ 0.522 χ^2 /NDF: 2644594.4/46

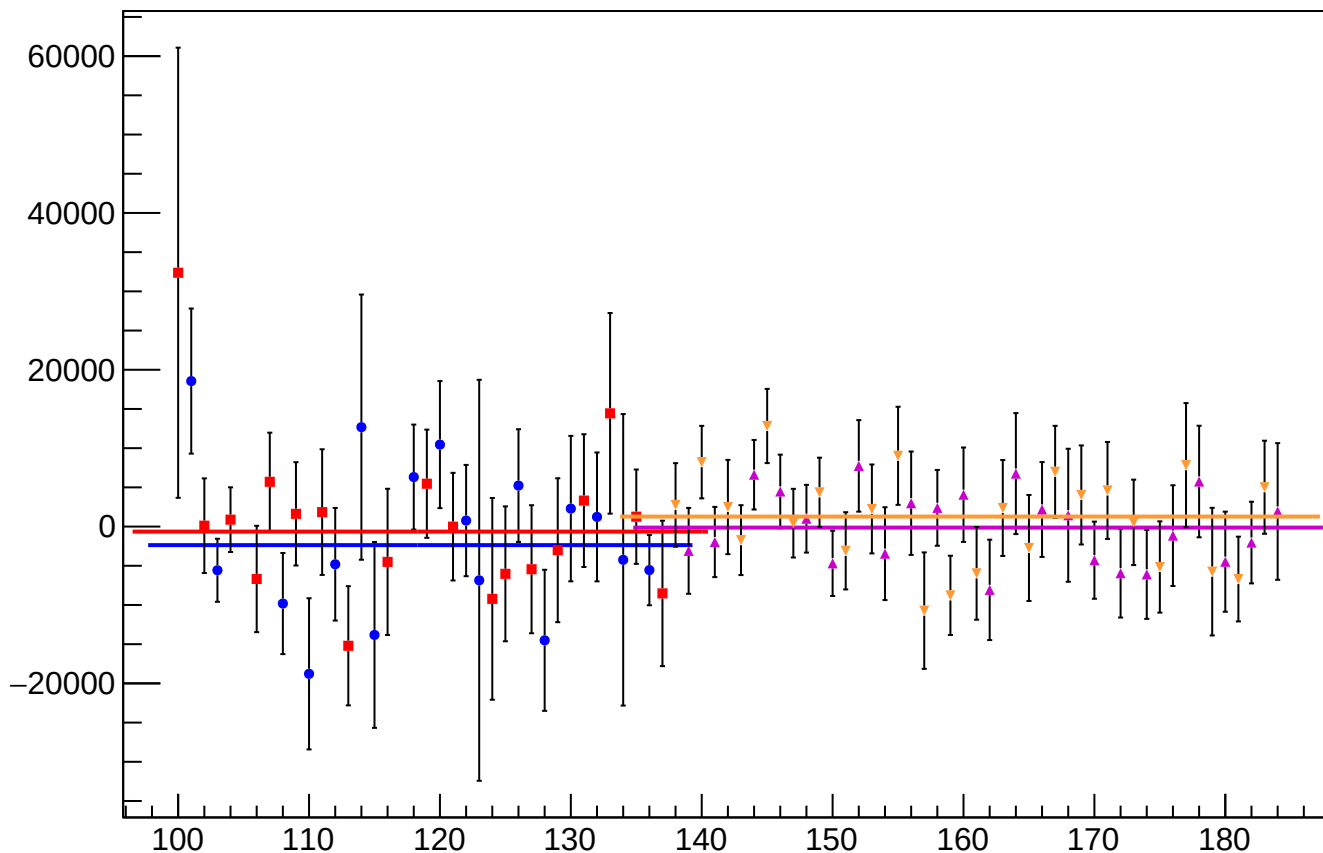
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 4196.516 $\pm$ 0.618 χ^2 /NDF:2240693.0/39

Out: 3976.055 $\pm$ 0.582 χ^2 /NDF:3448674.4/42

All: 4079.794 $\pm$ 0.424 χ^2 /NDF: 5756832.7/82

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 ± 1801.942 $\chi^2/\text{NDF}: 20.1/16$

Left Out: 1276.241 ± 1134.142 $\chi^2/\text{NDF}: 26.8/23$

Right Out: -640.916 ± 1690.165 $\chi^2/\text{NDF}: 11.8/18$

Left In: -131.428 ± 1157.282 $\chi^2/\text{NDF}: 14.9/22$

Left: 586.620 ± 810.017 $\chi^2/\text{NDF}: 42.4/46$

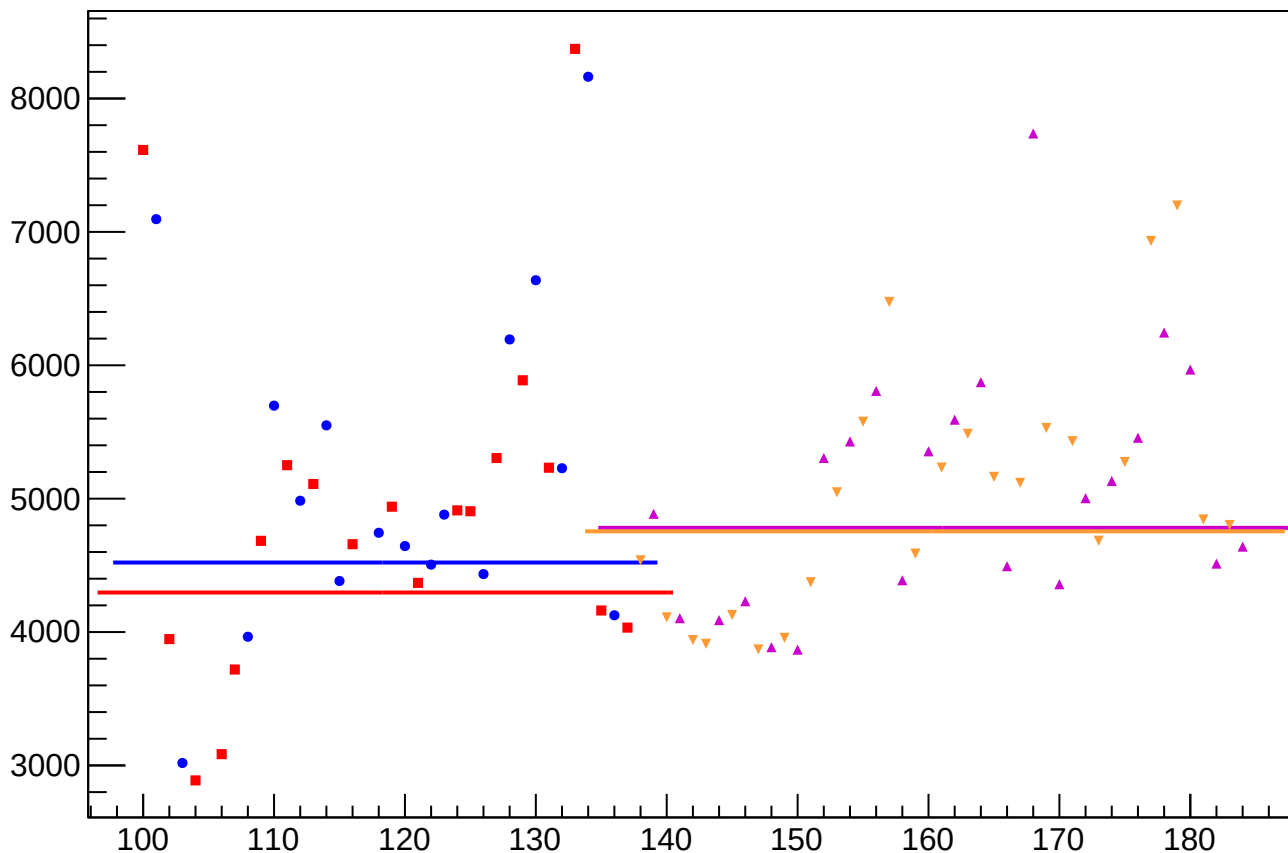
Right: -1449.011 ± 1232.750 $\chi^2/\text{NDF}: 32.4/35$

In: -784.419 ± 973.753 $\chi^2/\text{NDF}: 36.1/39$

Out: 681.012 ± 941.765 $\chi^2/\text{NDF}: 39.5/42$

All: -27.238 ± 676.955 $\chi^2/\text{NDF}: 76.8/82$

asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4781.172+/-0.818 χ^2/NDF : 951542.2/22

Left: 4767.923+/-0.573 χ^2/NDF : 1905014.9/46

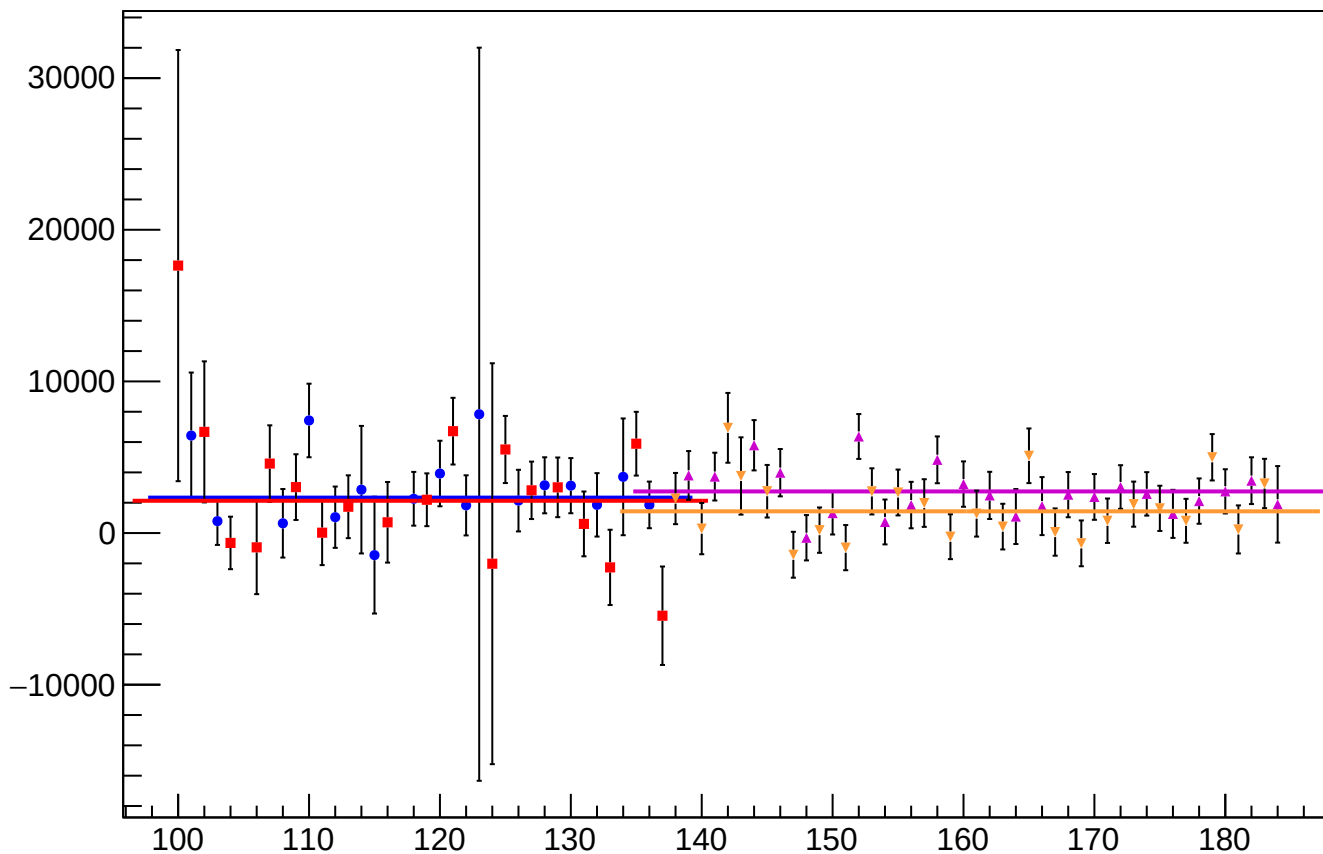
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4705.263+/-0.689 χ^2/NDF : 1759683.2/39

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

All: 4656.830+/-0.478 χ^2/NDF : 3597773.3/82

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2745.012 $\pm$ 325.013 χ^2 /NDF:22.8/22

Left: 2087.152 $\pm$ 229.481 χ^2 /NDF: 63.5/46

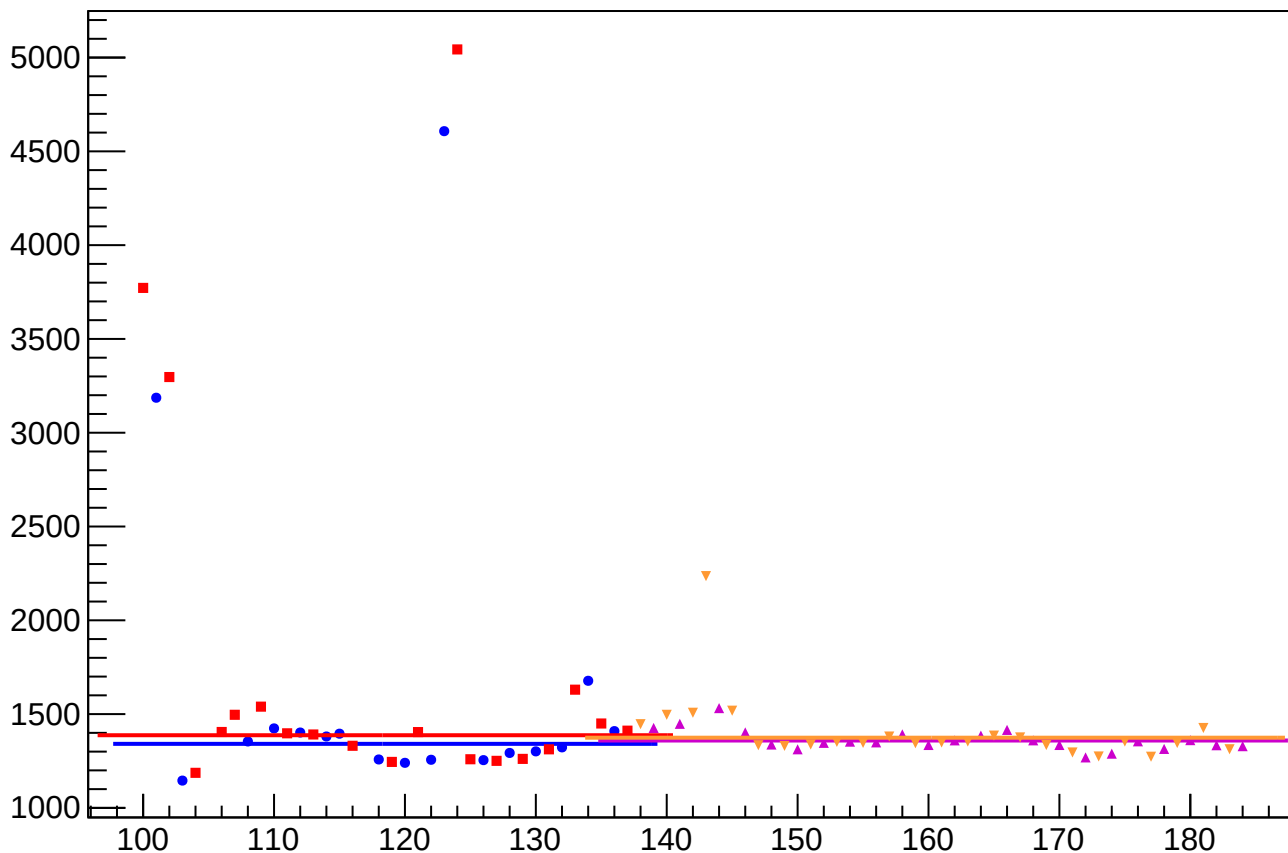
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2633.847 $\pm$ 277.227 χ^2 /NDF:32.8/39

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

All: 2126.850 $\pm$ 196.217 χ^2 /NDF: 100.9/82

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: 1374.188 $\pm$ 0.229 χ^2 /NDF:302283.2/23

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

Left In: 1359.185 $\pm$ 0.230 χ^2 /NDF:55328.0/22

Left: 1366.708 $\pm$ 0.162 χ^2 /NDF: 359748.3/46

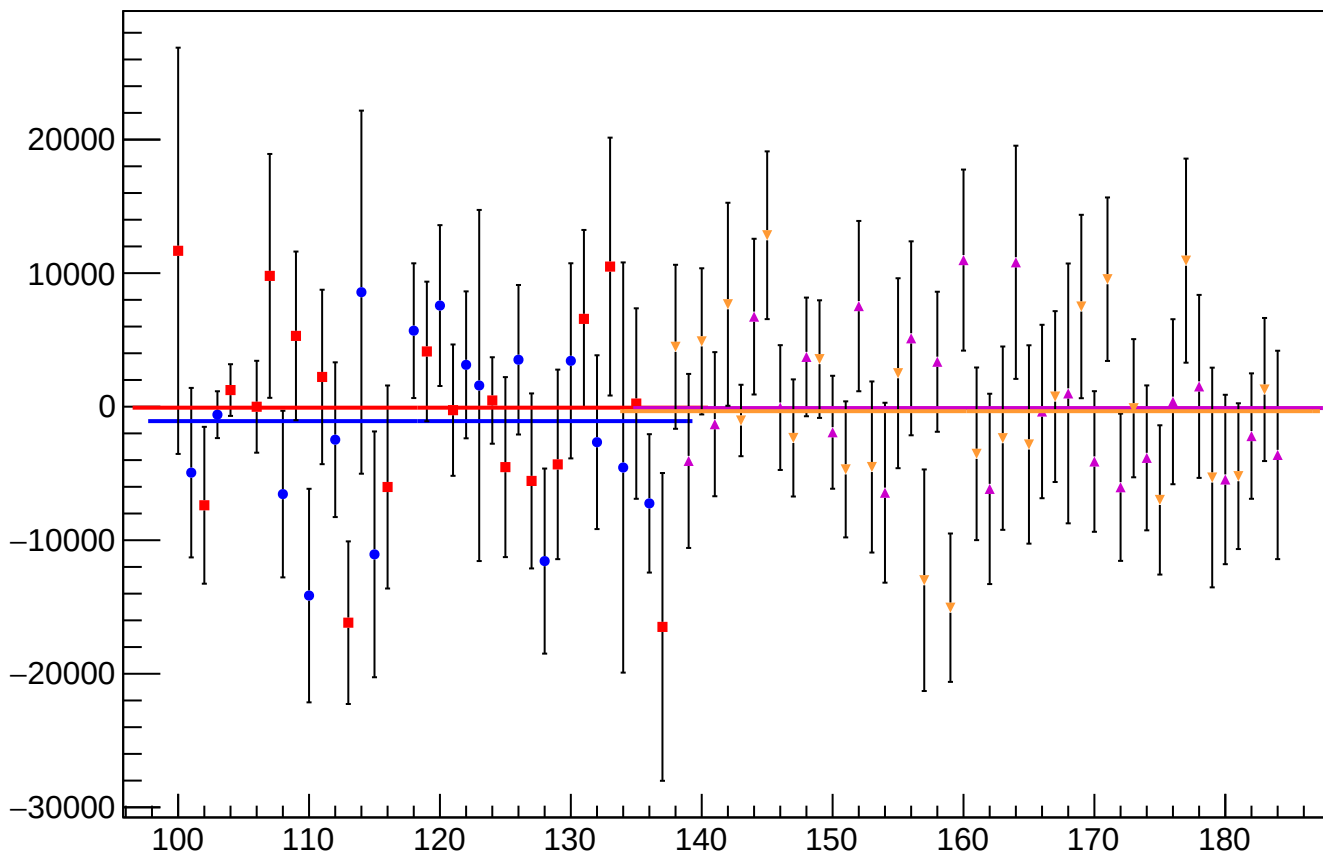
Right: 1364.024 $\pm$ 0.268 χ^2 /NDF: 1161848.1/35

In: 1354.332 $\pm$ 0.196 χ^2 /NDF:561236.4/39

Out: 1377.682 $\pm$ 0.196 χ^2 /NDF:953352.4/42

All: 1365.986 $\pm$ 0.139 χ^2 /NDF: 1521670.0/82

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -102.901 $\pm$ 1223.984 χ^2 /NDF:14.3/22

Left: -228.474 $\pm$ 830.941 χ^2 /NDF: 42.4/46

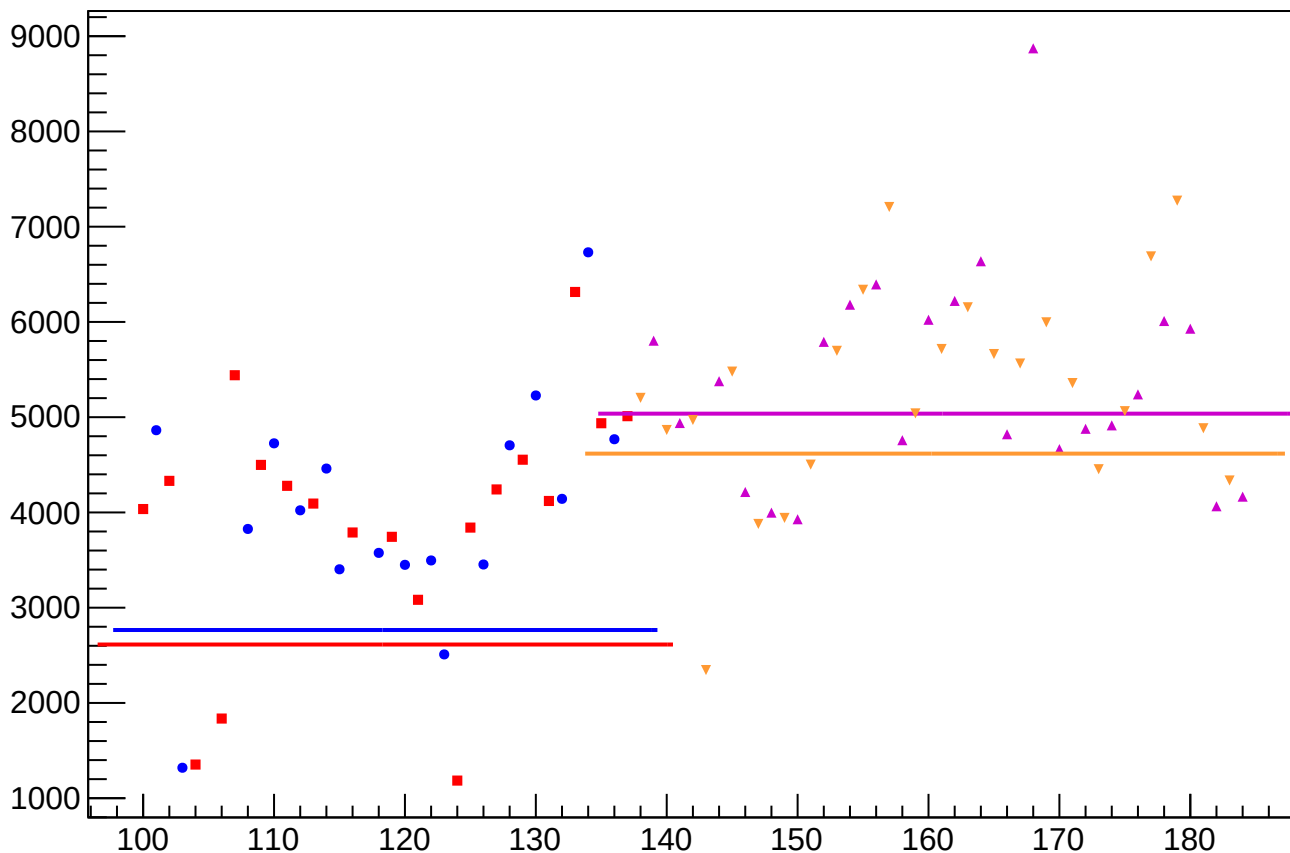
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -596.628 $\pm$ 861.356 χ^2 /NDF:29.7/39

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

All: -385.587 $\pm$ 585.502 χ^2 /NDF: 76.4/82

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 5037.077 $\pm$ 0.865 χ^2 /NDF: 1187934.6/22

Left: 4810.859 $\pm$ 0.588 χ^2 /NDF: 4038945.6/46

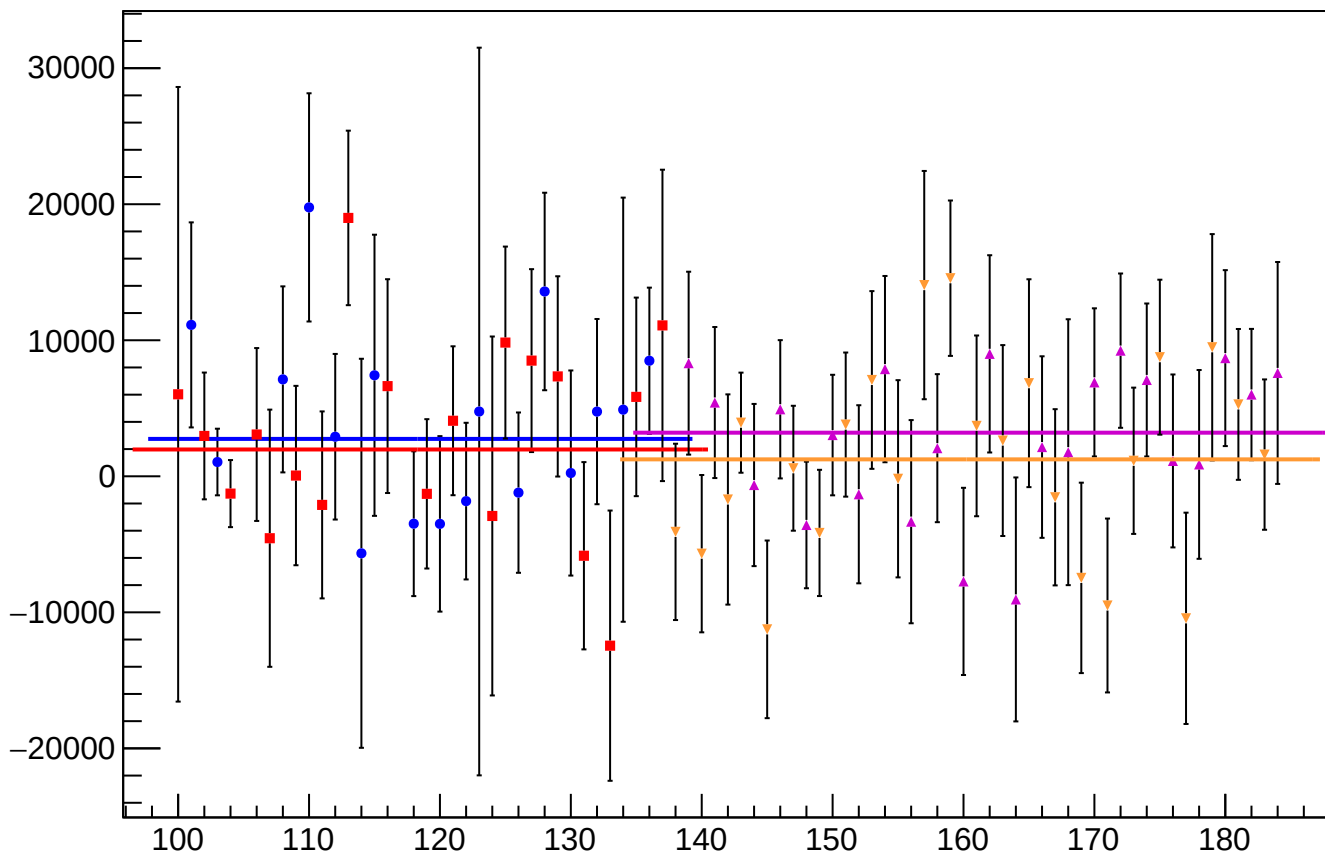
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3890.591 $\pm$ 0.609 χ^2 /NDF: 7603415.5/39

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

All: 3739.950 $\pm$ 0.414 χ^2 /NDF: 16932597.0/80

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3205.363+/-1265.586 χ^2/NDF : 13.9/22

Left: 2186.452+/-877.208 χ^2/NDF : 42.6/46

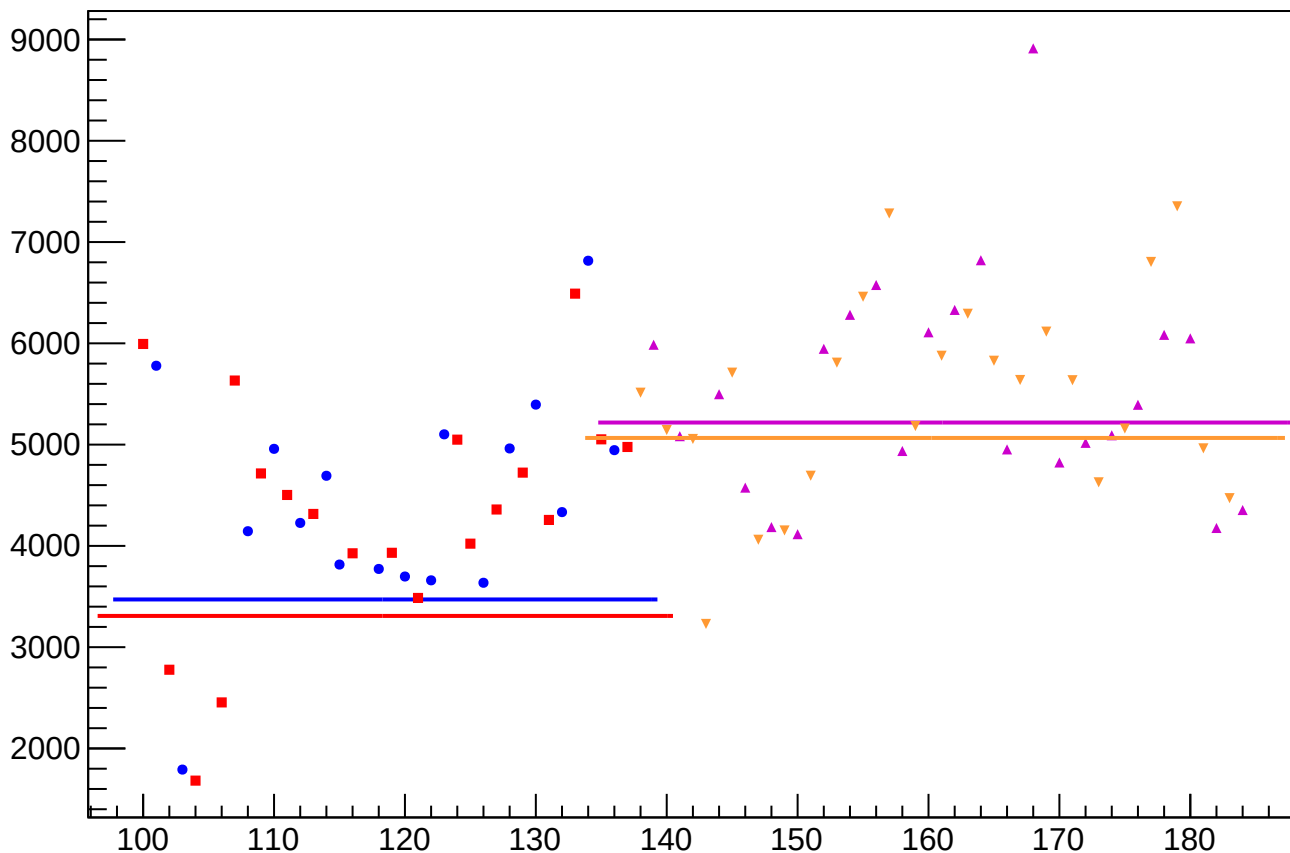
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 3007.198+/-952.523 χ^2/NDF : 27.7/39

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

All: 2254.108+/-659.209 χ^2/NDF : 74.3/82

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: 5065.902+/-0.861 χ^2/NDF : 1427455.7/23

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

Left In: 5217.971+/-0.895 χ^2/NDF : 1058996.1/22

Left: 5138.959+/-0.620 χ^2/NDF : 2501454.9/46

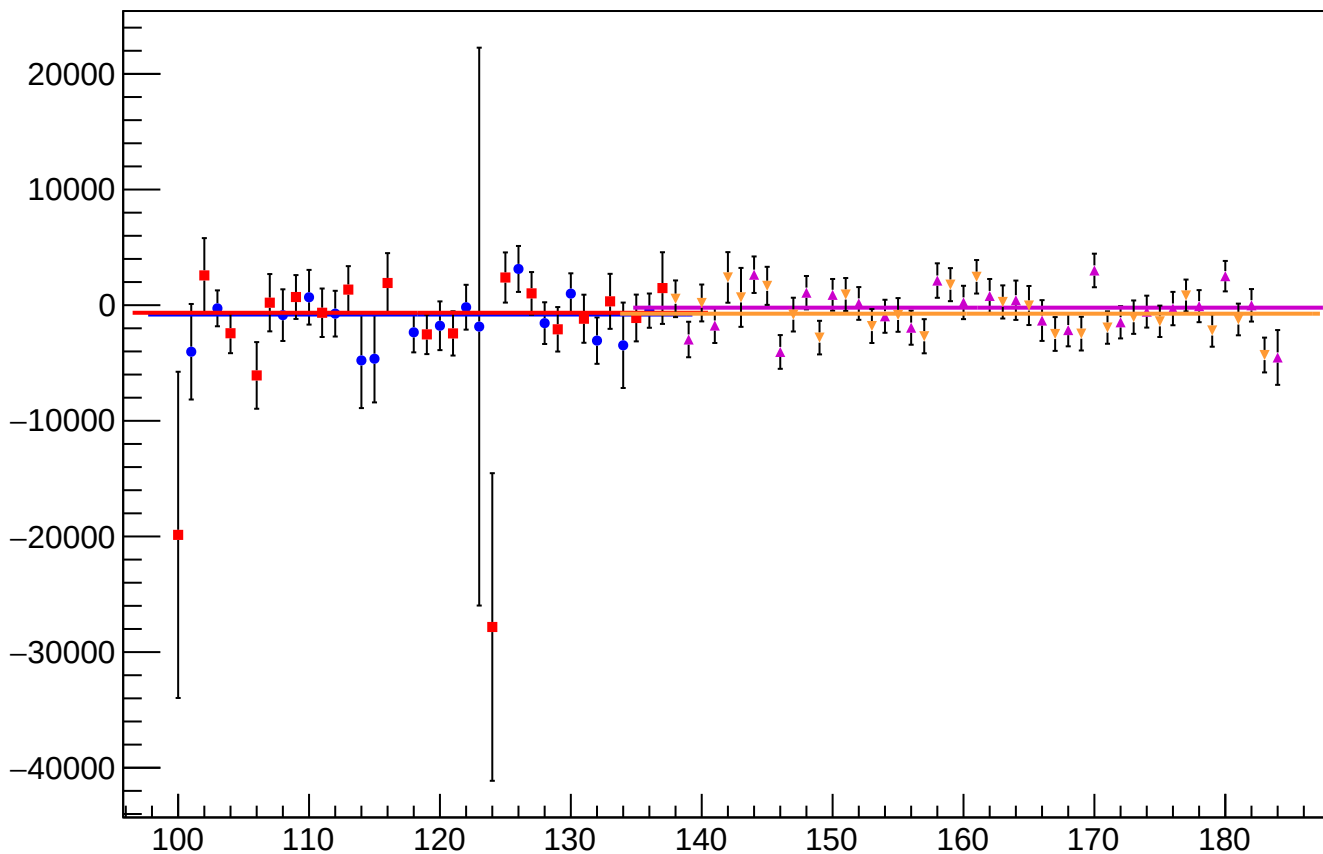
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4460.631+/-0.674 χ^2/NDF : 4478792.7/39

Out: 4290.246+/-0.643 χ^2/NDF : 5182623.4/42

All: 4371.511+/-0.465 χ^2/NDF : 9694889.0/82

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -215.207+/-308.041 χ^2/NDF :36.5/22

Left: -476.705+/-217.328 χ^2/NDF : 69.7/46

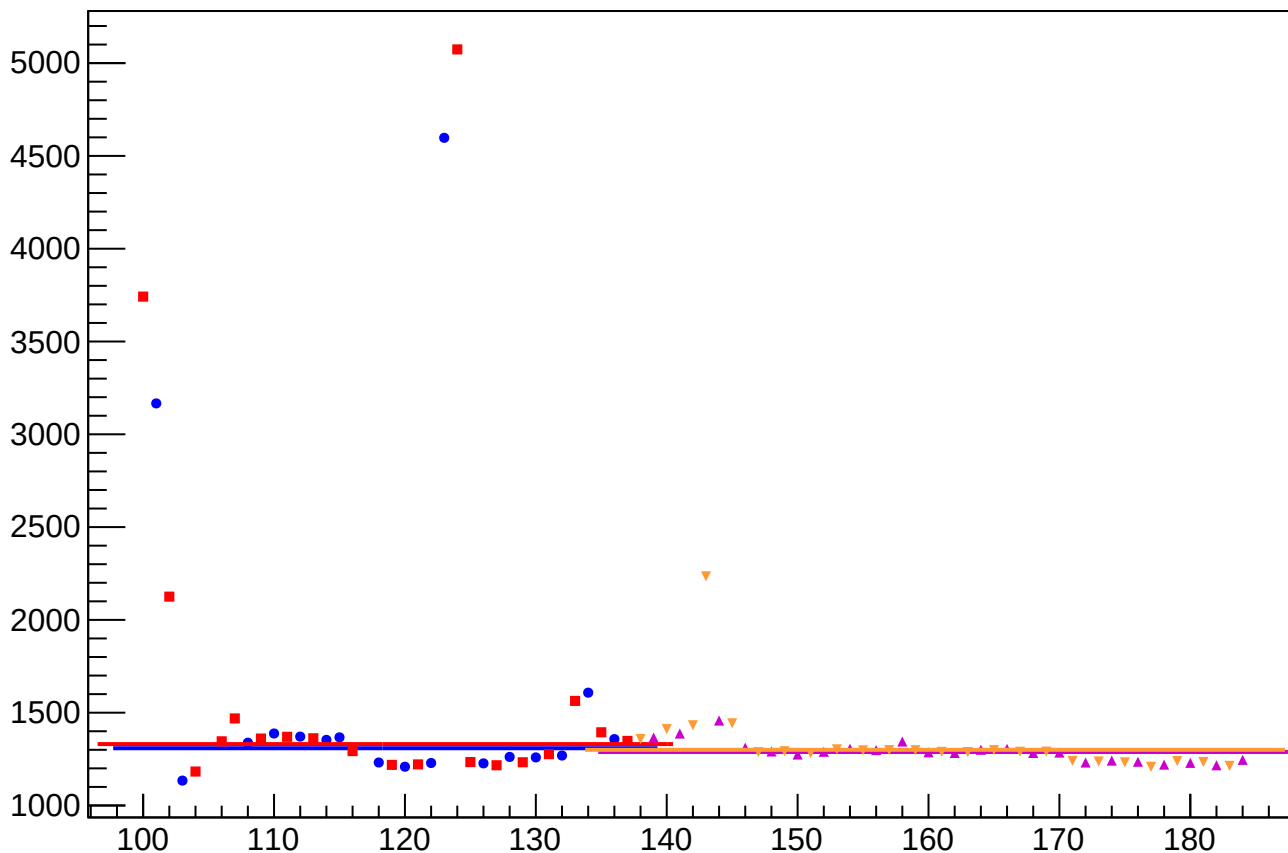
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -370.256+/-264.789 χ^2/NDF :48.6/39

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

All: -543.513+/-186.752 χ^2/NDF : 101.7/82

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1288.232+/-0.218 χ^2/NDF : 63961.3/22

Left: 1294.129+/-0.154 χ^2/NDF : 406598.9/46

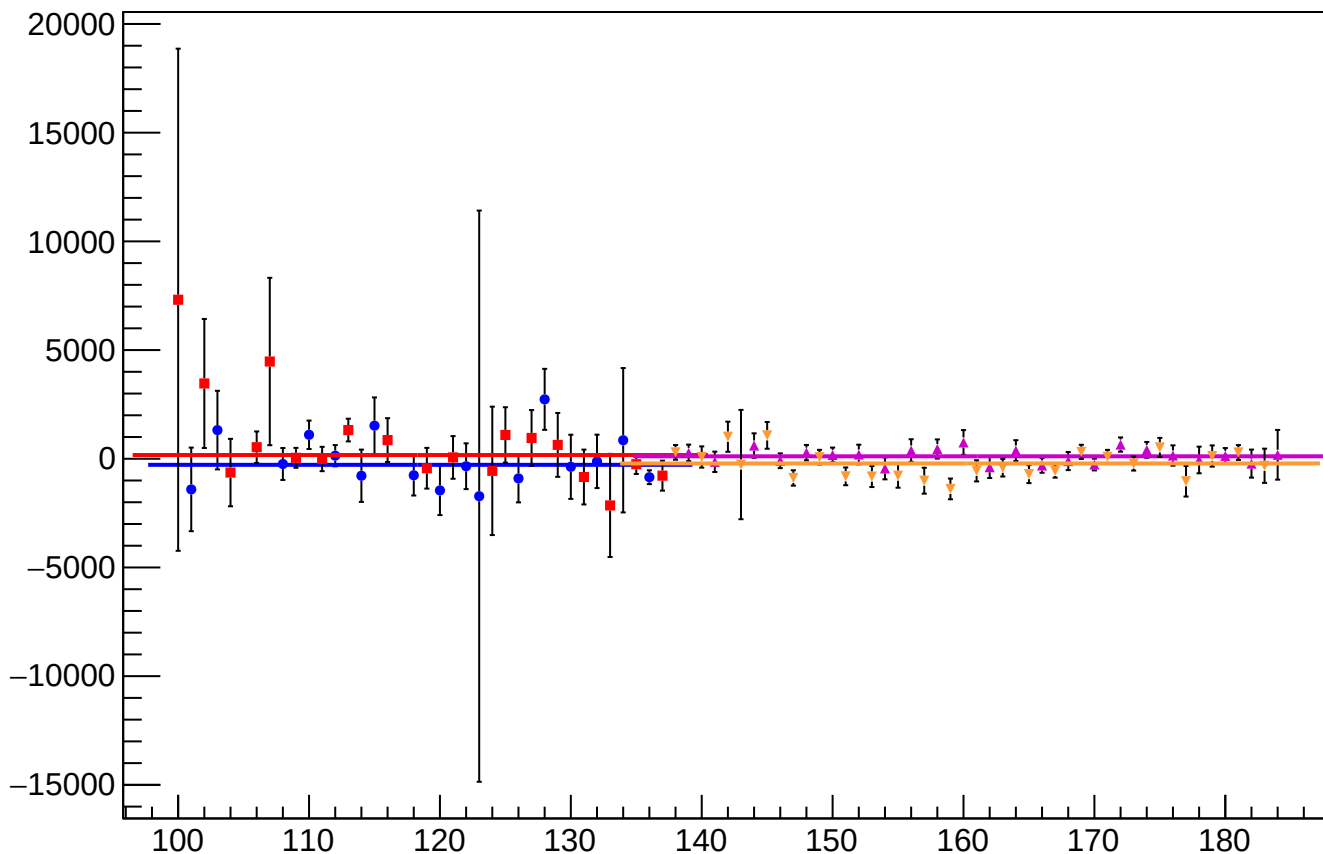
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1293.489+/-0.187 χ^2/NDF : 572737.5/39

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

All: 1300.816+/-0.132 χ^2/NDF : 1338125.3/82

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -215.504 ± 86.751 χ^2/NDF : 40.9/23

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

Left In: 113.183 ± 86.981 χ^2/NDF : 14.0/22

Left: -51.596 ± 61.424 χ^2/NDF : 62.0/46

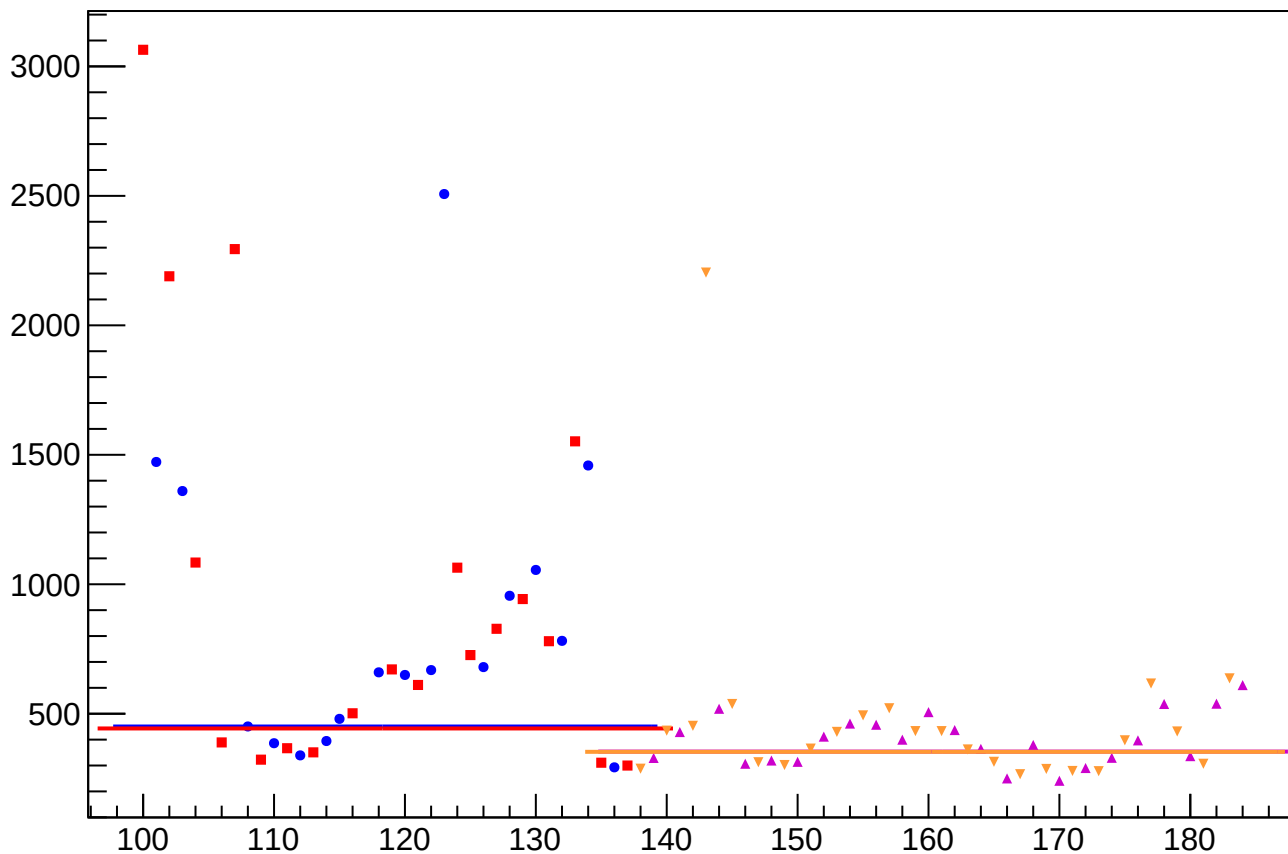
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

In: 49.854 ± 79.644 χ^2/NDF : 35.3/39

Out: -150.137 ± 79.088 χ^2/NDF : 59.0/42

All: -50.842 ± 56.119 χ^2/NDF : 97.5/82

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595+/-0.140 χ^2/NDF : 2997735.1/16

Left Out: 352.858+/-0.061 χ^2/NDF : 3086662.8/23

Right Out: 443.096+/-0.136 χ^2/NDF : 3471372.7/18

Left In: 353.746+/-0.062 χ^2/NDF : 1833470.0/22

Left: 353.301+/-0.043 χ^2/NDF : 4920237.1/46

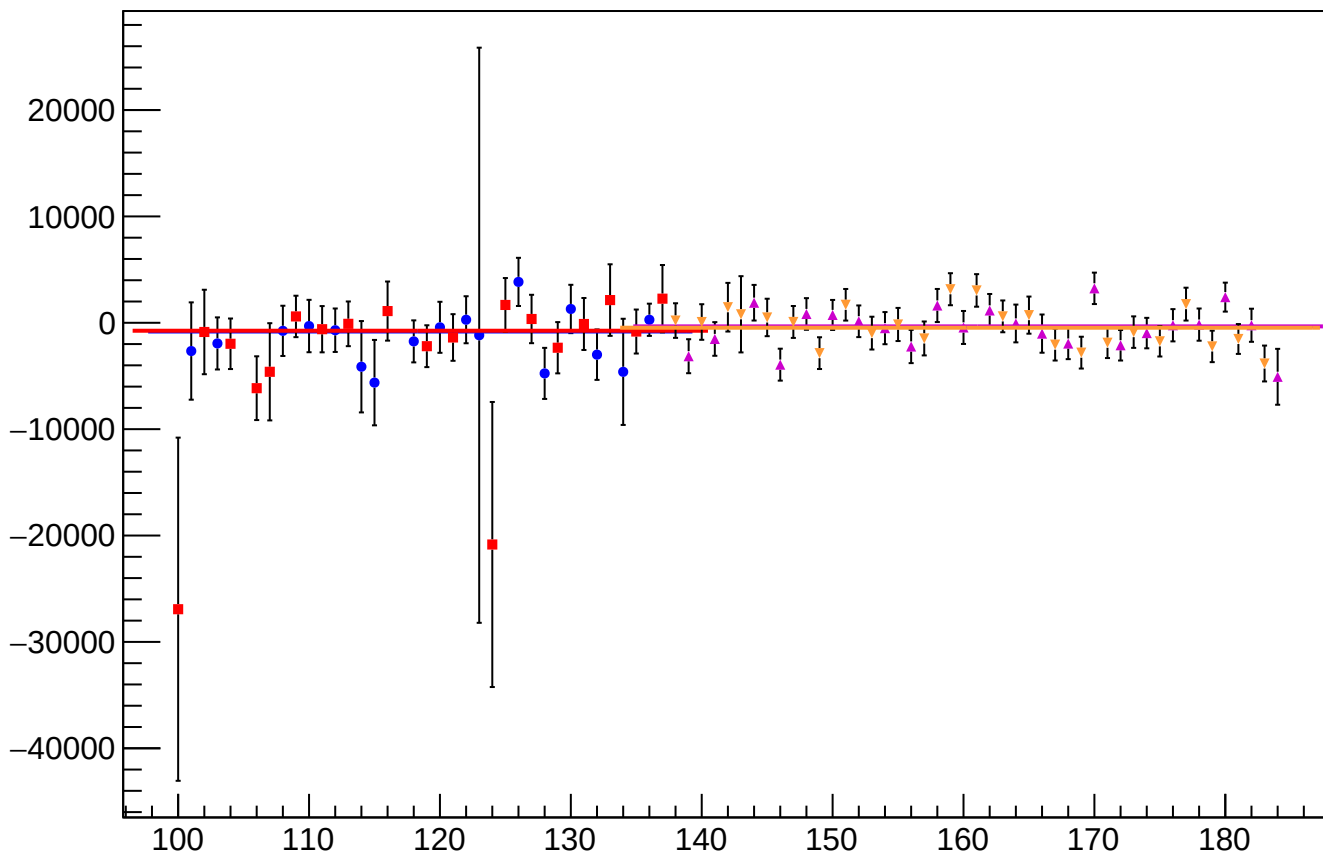
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 369.396+/-0.056 χ^2/NDF : 5231898.3/39

Out: 368.096+/-0.056 χ^2/NDF : 6923452.7/42

All: 368.742+/-0.040 χ^2/NDF : 12155619.3/82

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -337.193 $\pm$ 323.023 χ^2 /NDF:32.8/22

Left: -400.172 $\pm$ 228.309 χ^2 /NDF: 65.0/46

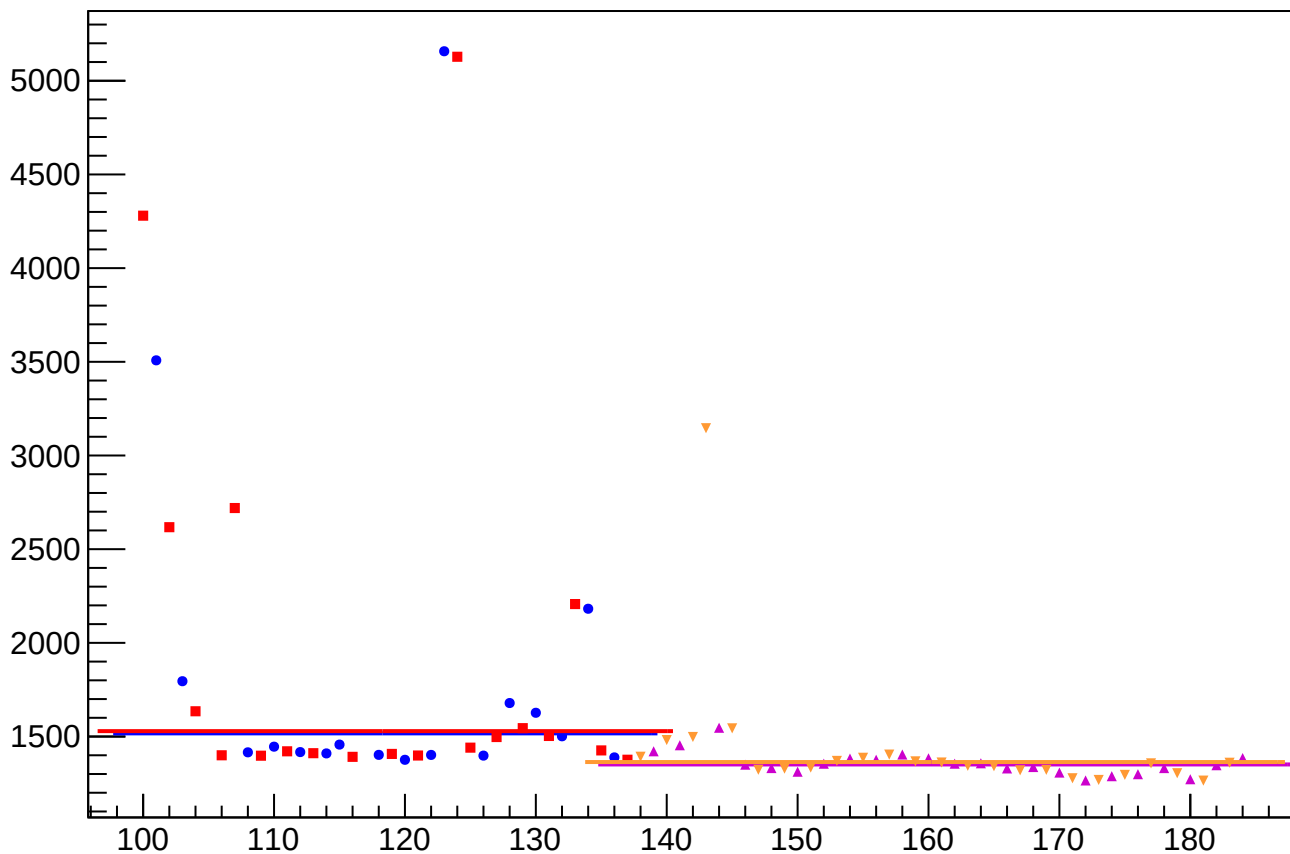
Right: -781.413 $\pm$ 423.122 χ^2 /NDF: 26.8/35

In: -444.716 $\pm$ 284.545 χ^2 /NDF:46.0/39

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

All: -486.140 $\pm$ 200.925 χ^2 /NDF: 92.4/82

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: 1363.907+/-0.228 χ^2/NDF : 575065.4/23

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

Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

Left: 1357.466+/-0.161 χ^2/NDF : 645638.5/46

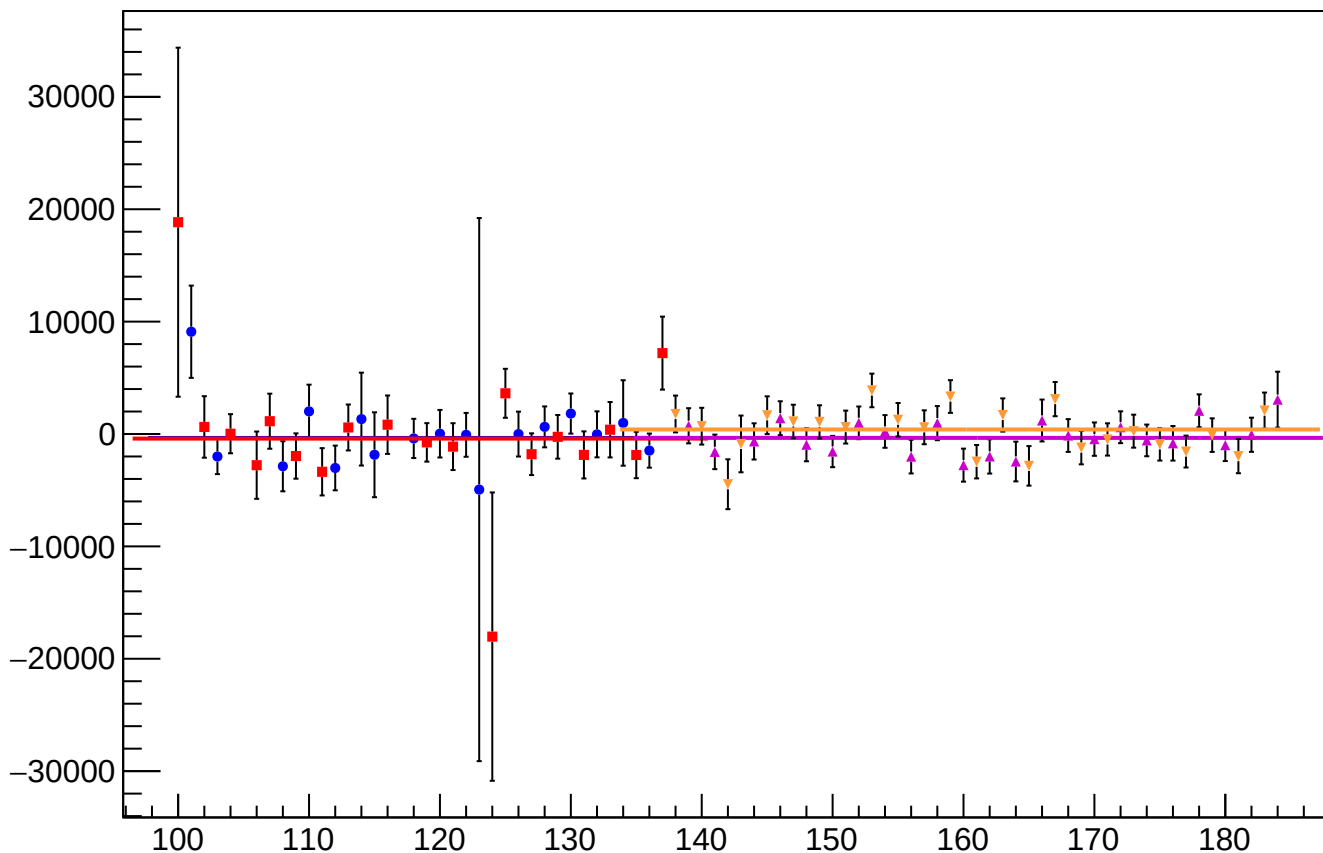
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1388.187+/-0.201 χ^2/NDF : 728244.0/39

Out: 1401.341+/-0.201 χ^2/NDF : 1323810.5/42

All: 1394.782+/-0.142 χ^2/NDF : 2054197.3/82

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 403.233 ± 317.011 $\chi^2/\text{NDF}: 35.6/23$

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

Left In: -345.358 ± 318.322 $\chi^2/\text{NDF}: 17.9/22$

Left: 30.483 ± 224.623 $\chi^2/\text{NDF}: 56.3/46$

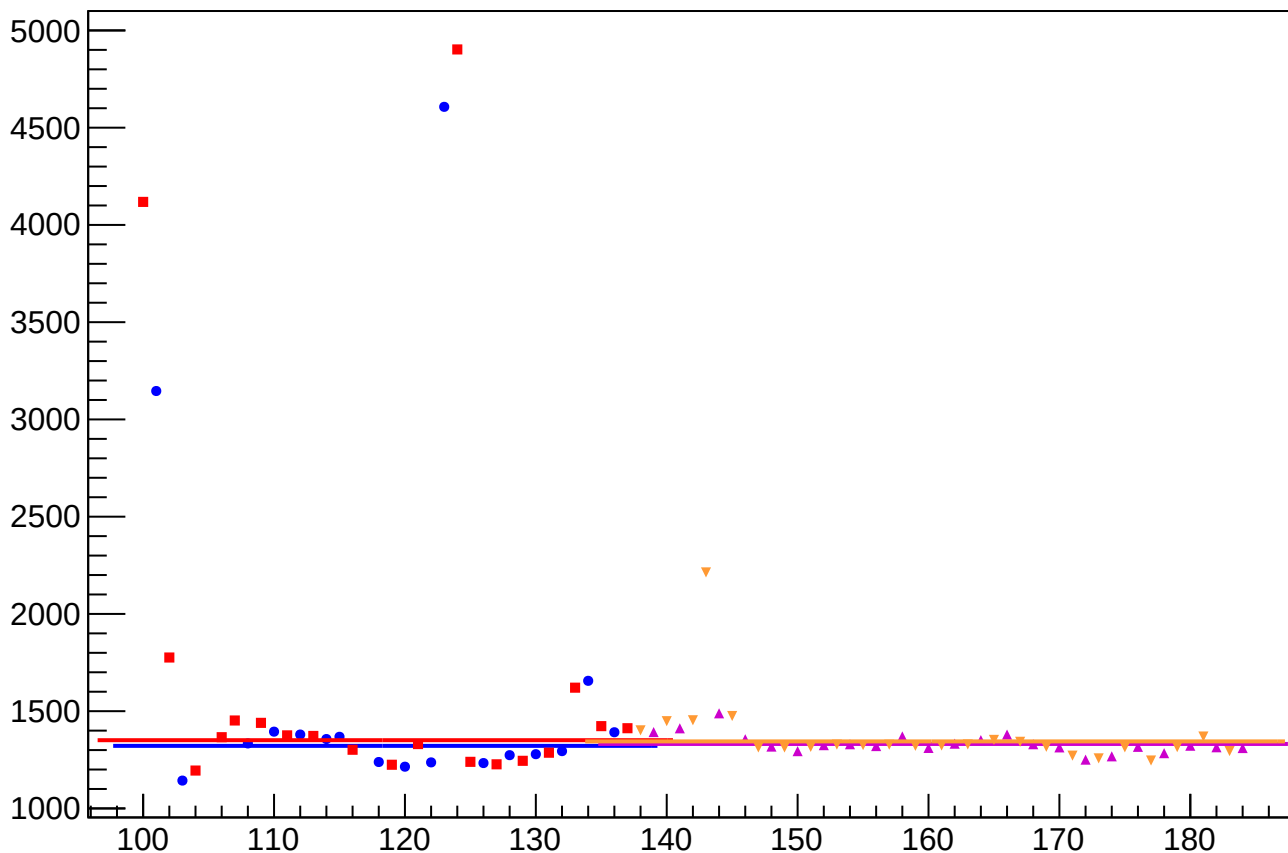
Right: -380.326 ± 369.594 $\chi^2/\text{NDF}: 31.8/35$

In: -347.457 ± 271.962 $\chi^2/\text{NDF}: 31.3/39$

Out: 184.847 ± 270.964 $\chi^2/\text{NDF}: 55.8/42$

All: -80.327 ± 191.952 $\chi^2/\text{NDF}: 89.0/82$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1331.511 $\pm$ 0.225 χ^2 /NDF: 46761.5/22

Left: 1338.089 $\pm$ 0.159 χ^2 /NDF: 343993.5/46

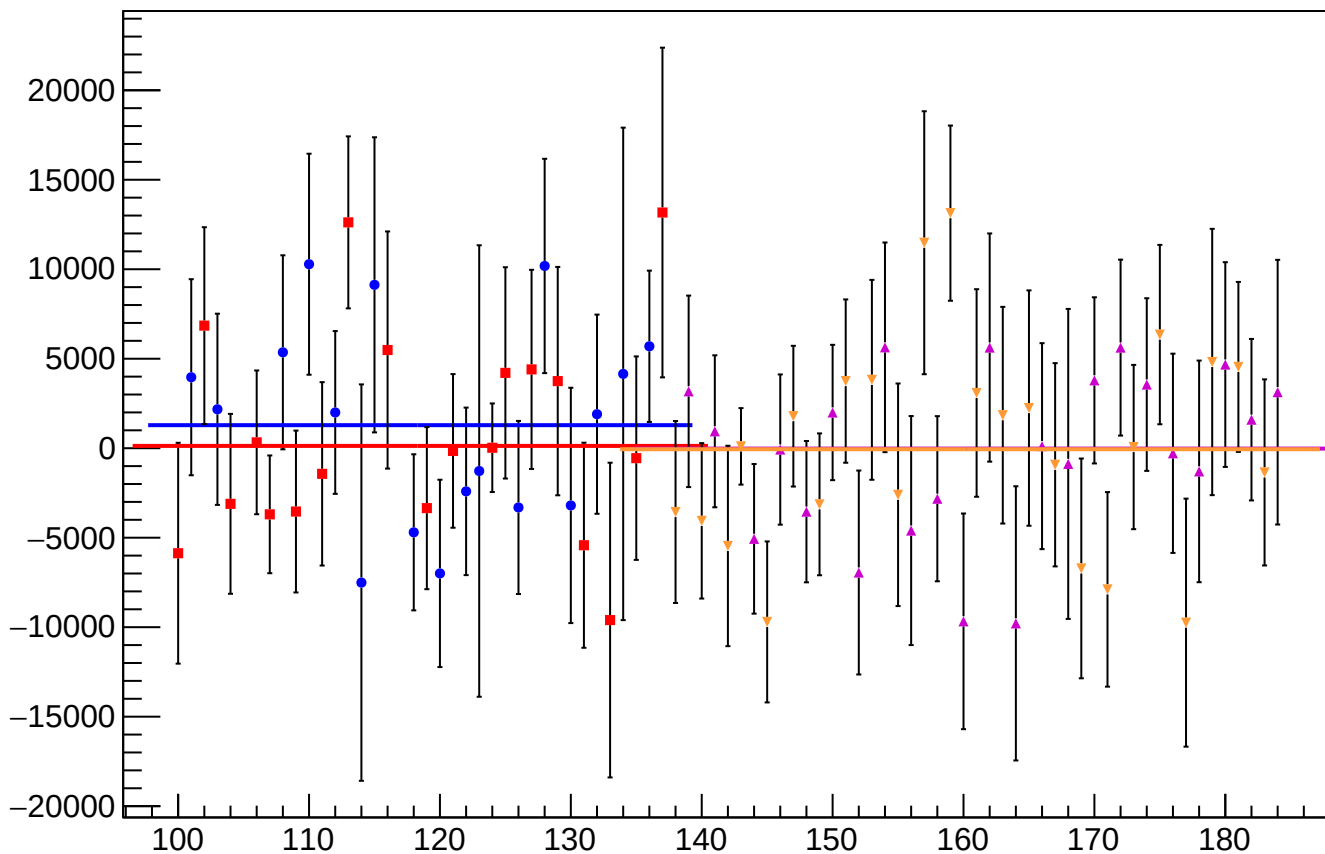
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1328.862 $\pm$ 0.192 χ^2 /NDF: 549520.1/39

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

All: 1337.601 $\pm$ 0.136 χ^2 /NDF: 1199253.1/82

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -21.622+/-1072.272 χ^2/NDF : 14.8/22

Left: -41.072+/-718.821 χ^2/NDF : 42.4/46

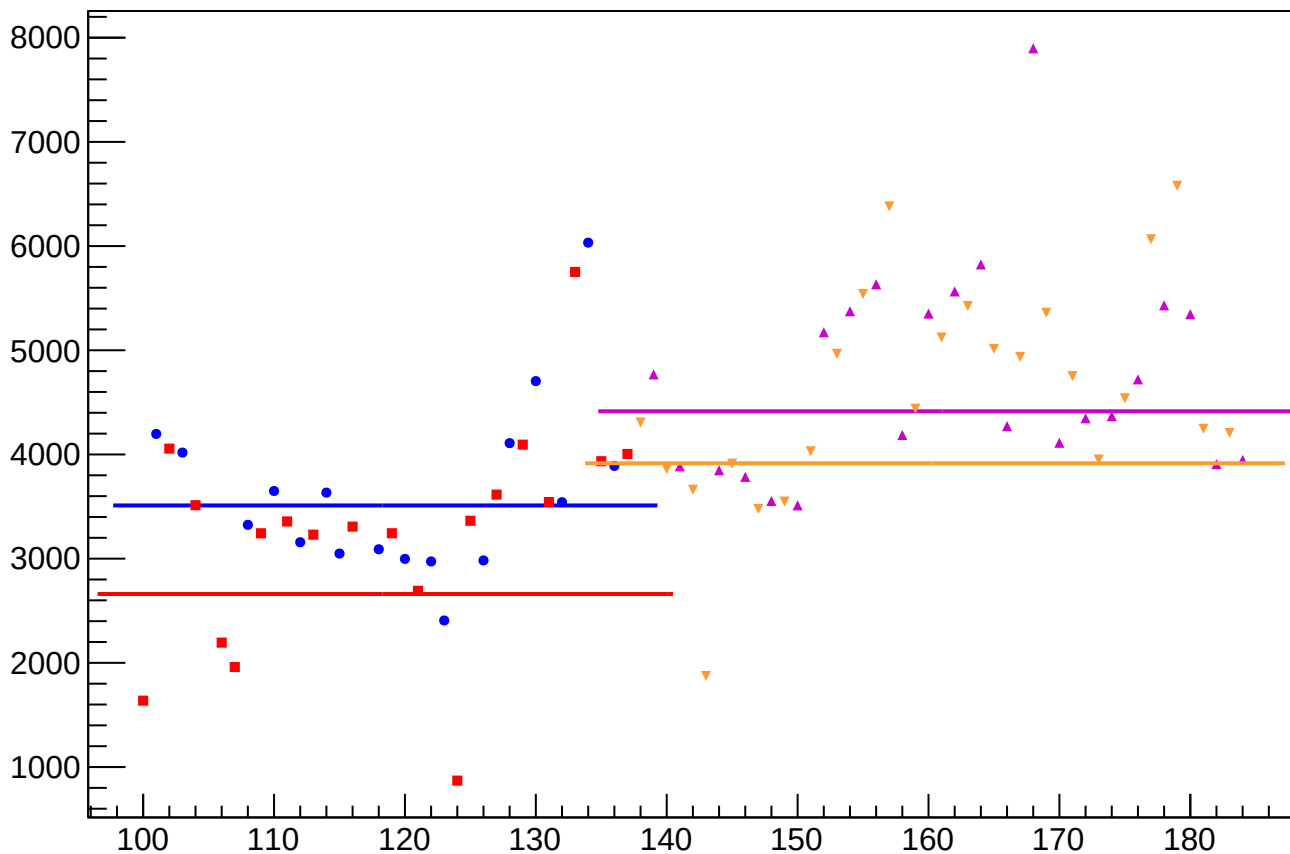
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 473.057+/-845.755 χ^2/NDF : 29.6/39

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

All: 214.498+/-549.815 χ^2/NDF : 75.9/82

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4414.418 $\pm$ 0.758 χ^2 /NDF:1158672.6/22

Left: 4139.614 $\pm$ 0.508 χ^2 /NDF: 4720959.6/46

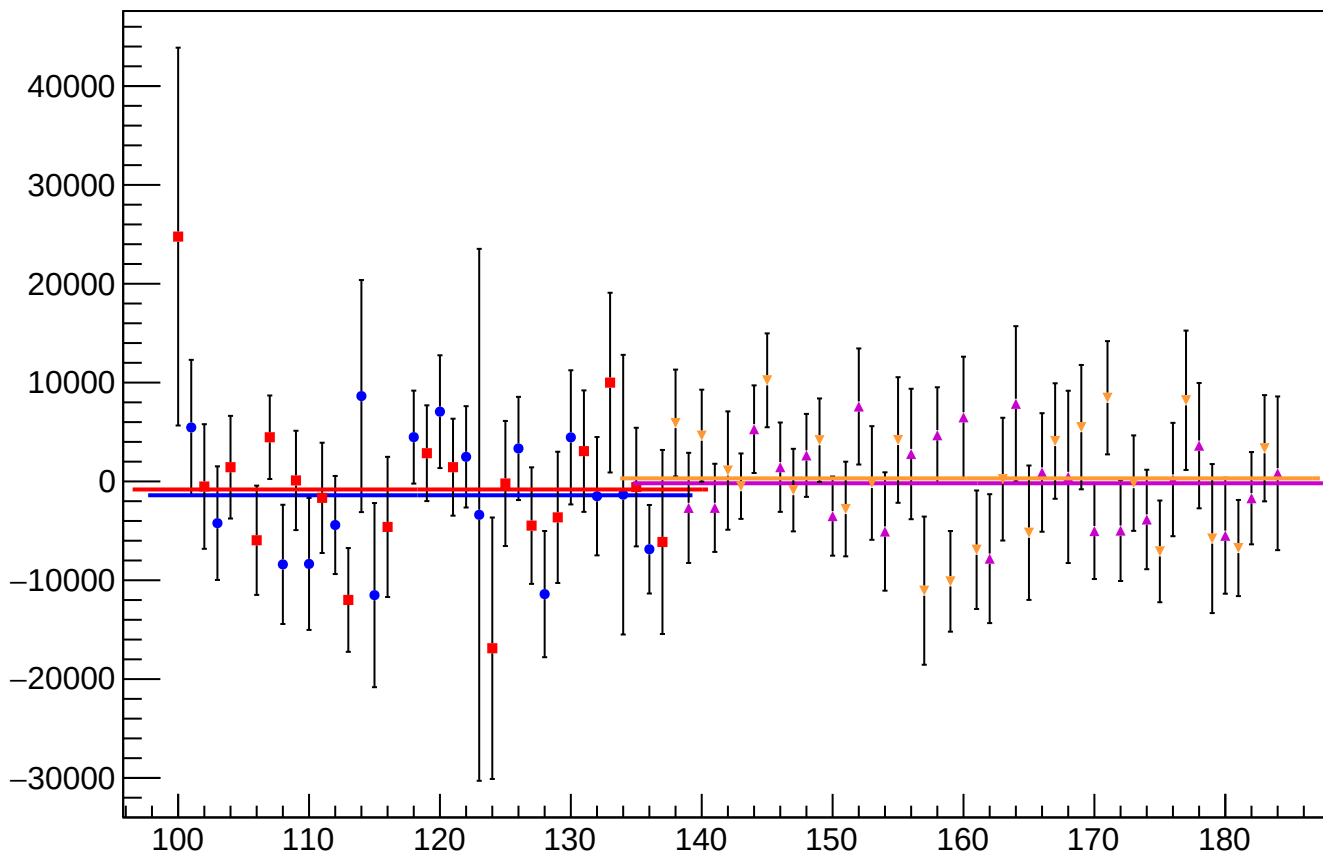
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 4072.965 $\pm$ 0.598 χ^2 /NDF:2039432.3/39

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

All: 3661.676 $\pm$ 0.389 χ^2 /NDF: 9848185.2/82

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: -185.280 $\pm$ 1119.296 χ^2 /NDF:14.3/22

Left: 72.725 $\pm$ 774.703 χ^2 /NDF: 40.6/46

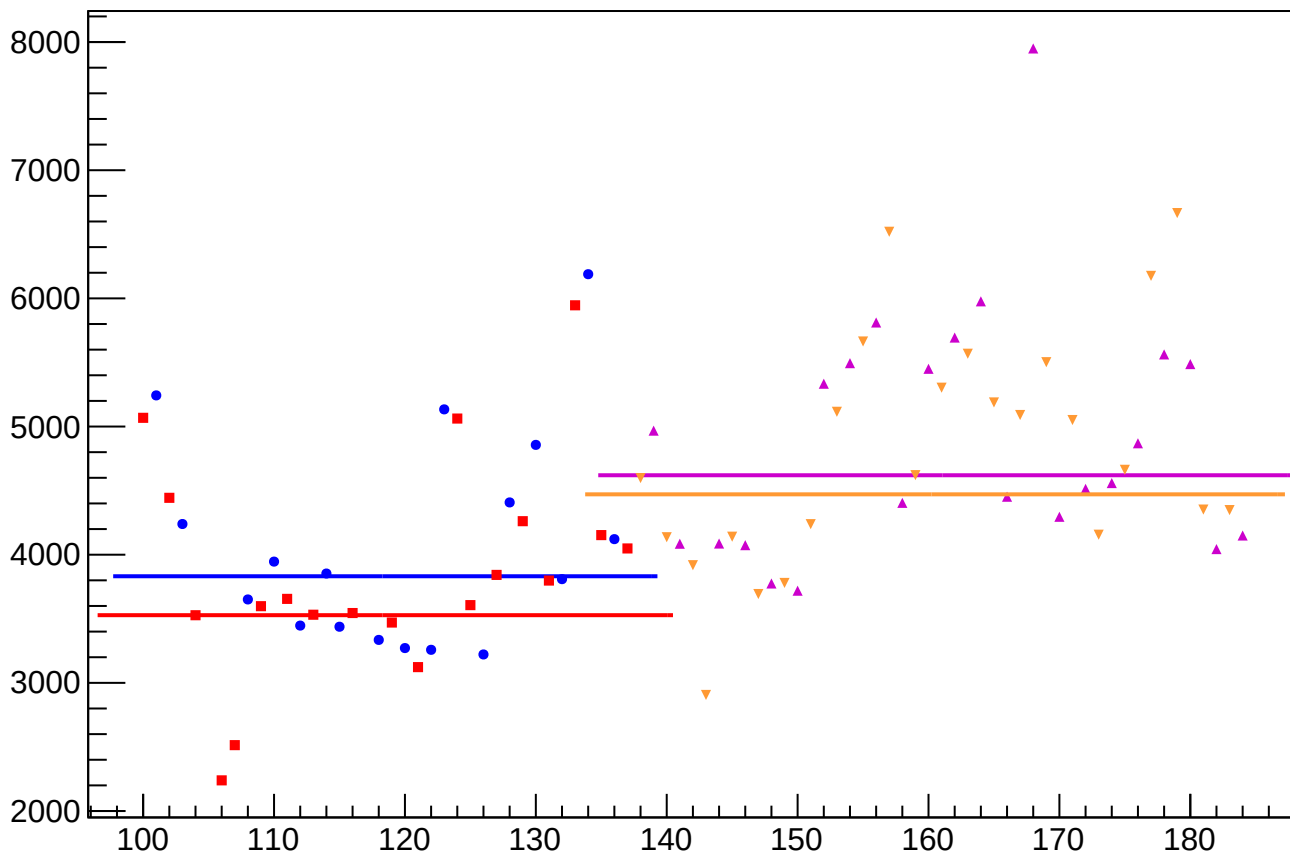
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -618.711 $\pm$ 897.957 χ^2 /NDF:30.5/39

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

All: -351.664 $\pm$ 616.160 χ^2 /NDF: 71.5/82

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 4619.952+/-0.791 χ^2/NDF :1001966.3/22

Left: 4542.368+/-0.548 χ^2/NDF : 2399877.5/46

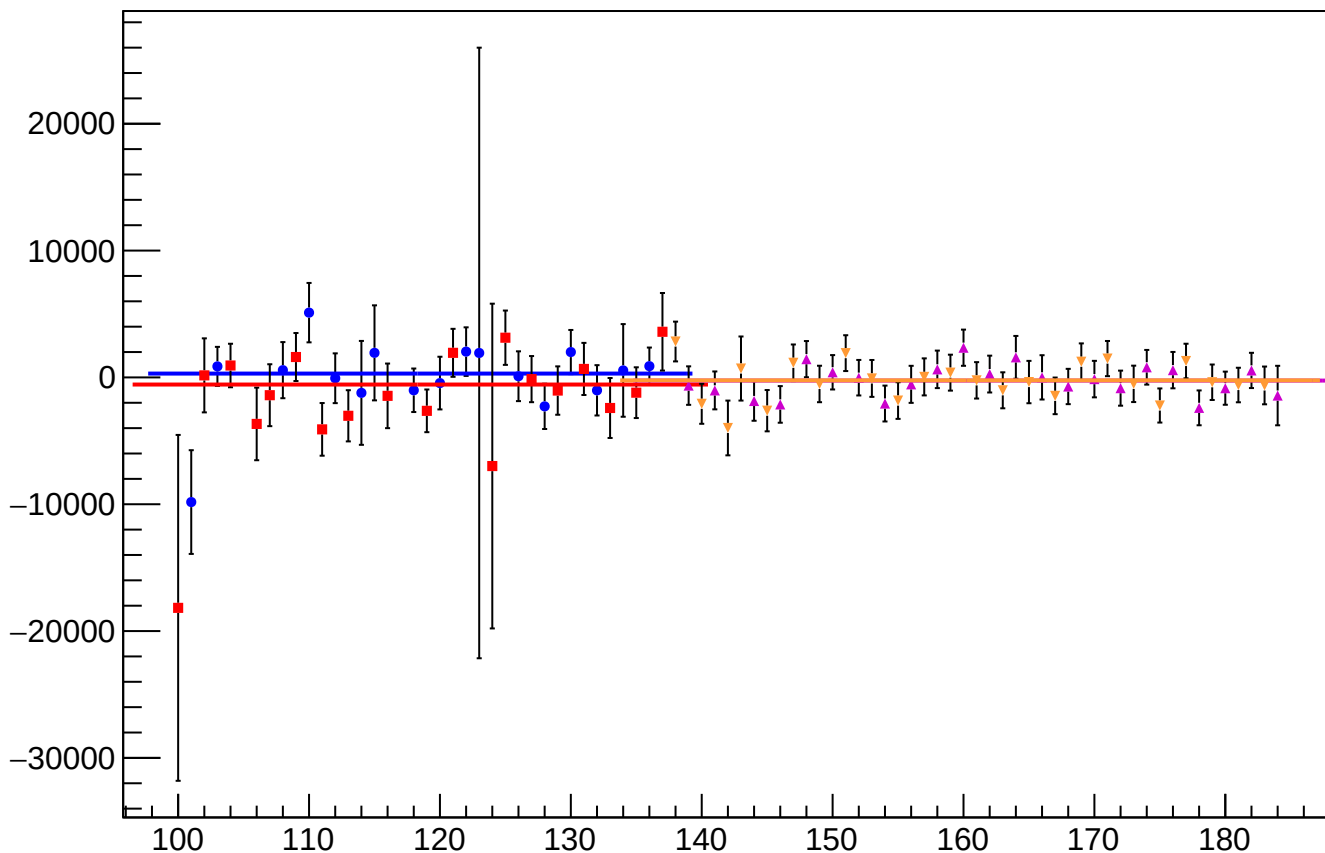
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4339.058+/-0.635 χ^2/NDF :1693087.2/39

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

All: 4218.129+/-0.435 χ^2/NDF : 4286967.3/82

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -250.313 $\pm$ 305.013 χ^2 /NDF:15.9/22

Left: -241.579 $\pm$ 215.219 χ^2 /NDF: 38.3/46

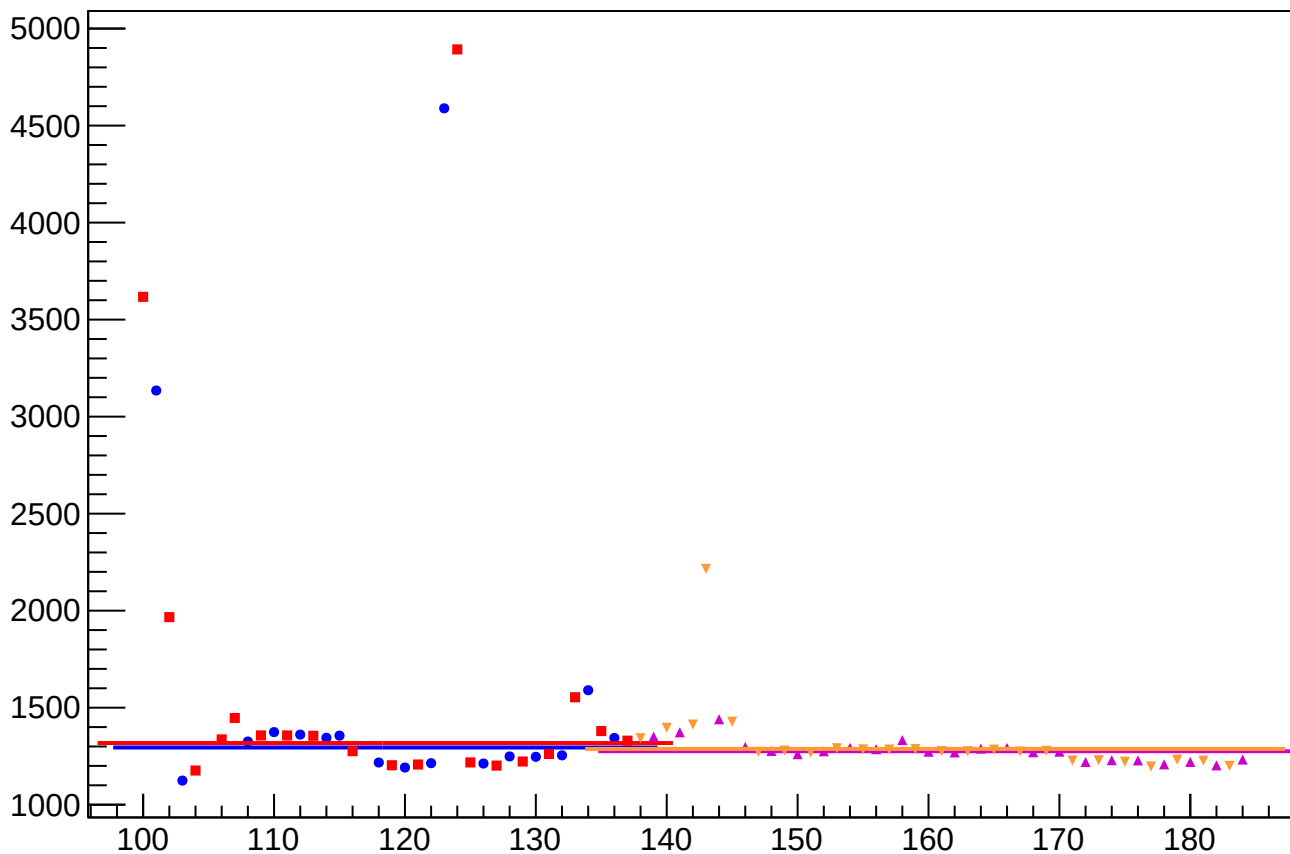
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -105.999 $\pm$ 262.151 χ^2 /NDF:32.8/39

Out: -319.553 $\pm$ 260.728 χ^2 /NDF:41.9/42

All: -213.357 $\pm$ 184.864 χ^2 /NDF: 75.0/82

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2 /NDF: 507803.9/16

Left Out: 1287.498 $\pm$ 0.215 χ^2 /NDF: 339330.2/23

Right Out: 1317.789 $\pm$ 0.359 χ^2 /NDF: 390807.4/18

Left In: 1275.546 $\pm$ 0.216 χ^2 /NDF: 62488.3/22

Left: 1281.547 $\pm$ 0.152 χ^2 /NDF: 403360.7/46

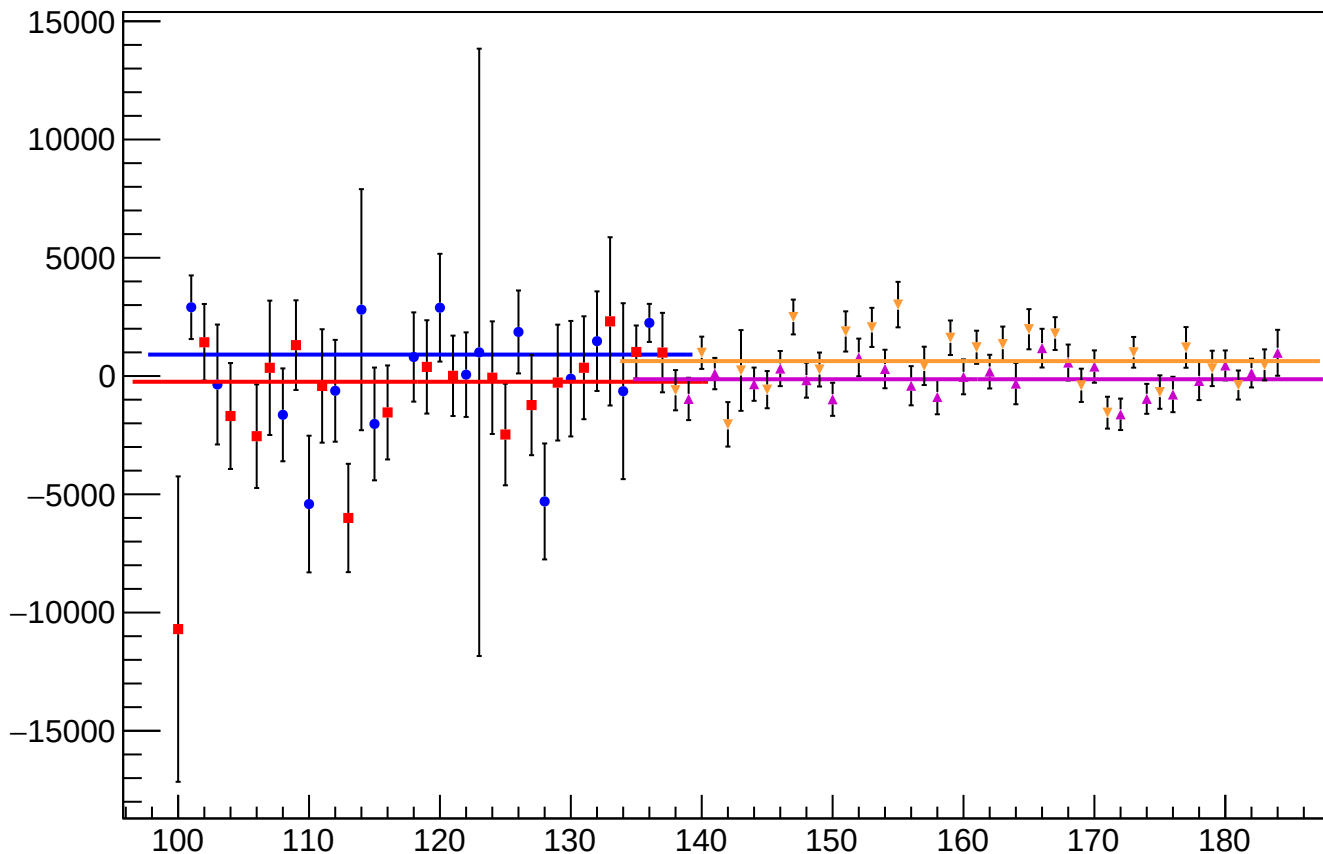
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1280.559 $\pm$ 0.185 χ^2 /NDF: 572359.6/39

Out: 1295.467 $\pm$ 0.184 χ^2 /NDF: 735371.0/42

All: 1288.053 $\pm$ 0.131 χ^2 /NDF: 1310982.4/82

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 631.515 $\pm$ 154.711 χ^2 /NDF:59.5/23

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -135.888 $\pm$ 153.479 χ^2 /NDF:19.8/22

Left: 244.745 $\pm$ 108.959 χ^2 /NDF: 91.7/46

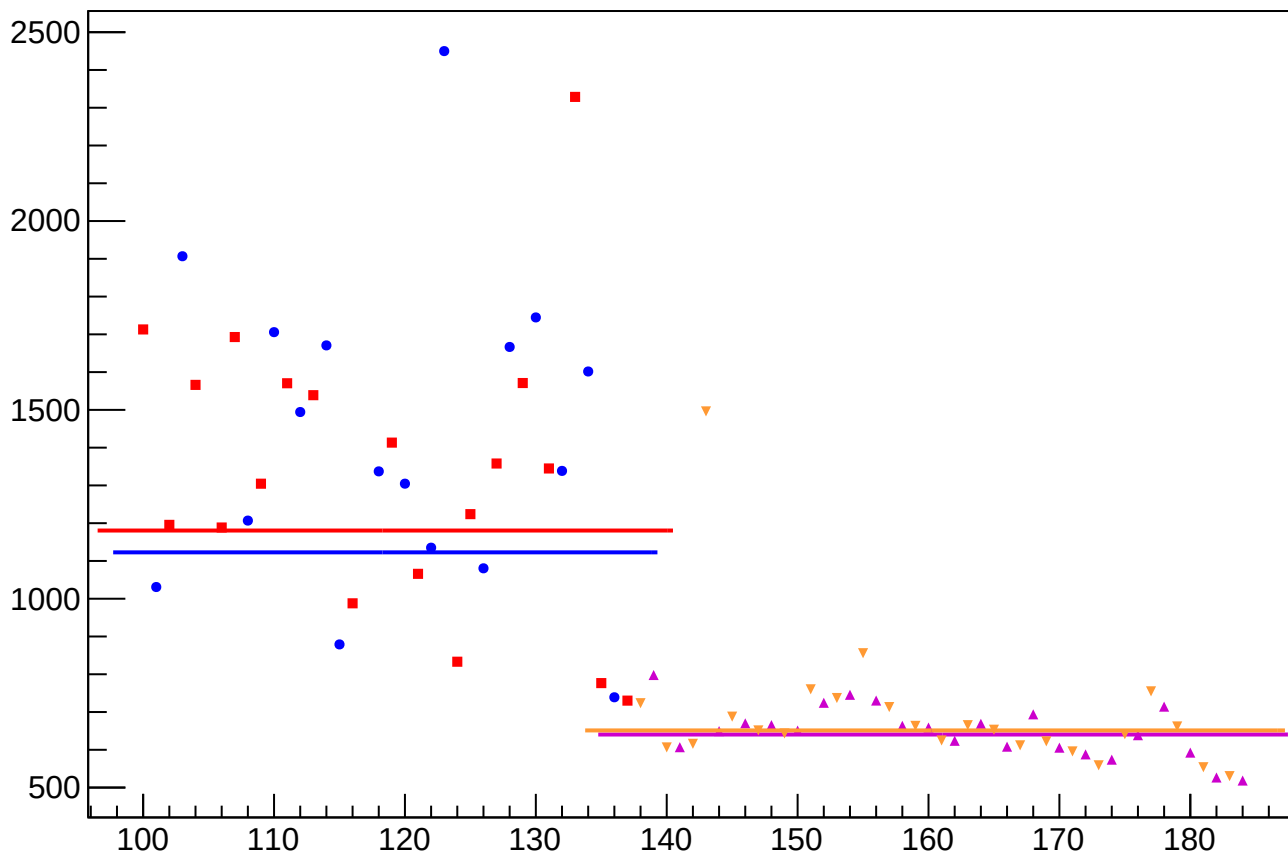
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: -29.733 $\pm$ 145.455 χ^2 /NDF:46.5/39

Out: 543.863 $\pm$ 146.746 χ^2 /NDF:79.1/42

All: 254.531 $\pm$ 103.306 χ^2 /NDF: 133.4/82

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773 $\pm$ 0.322 χ^2 /NDF: 1187996.4/16

Left Out: 651.300 $\pm$ 0.109 χ^2 /NDF: 893072.7/23

Right Out: 1180.554 $\pm$ 0.328 χ^2 /NDF: 1035382.2/18

Left In: 640.460 $\pm$ 0.109 χ^2 /NDF: 341526.8/22

Left: 645.837 $\pm$ 0.077 χ^2 /NDF: 1239548.4/46

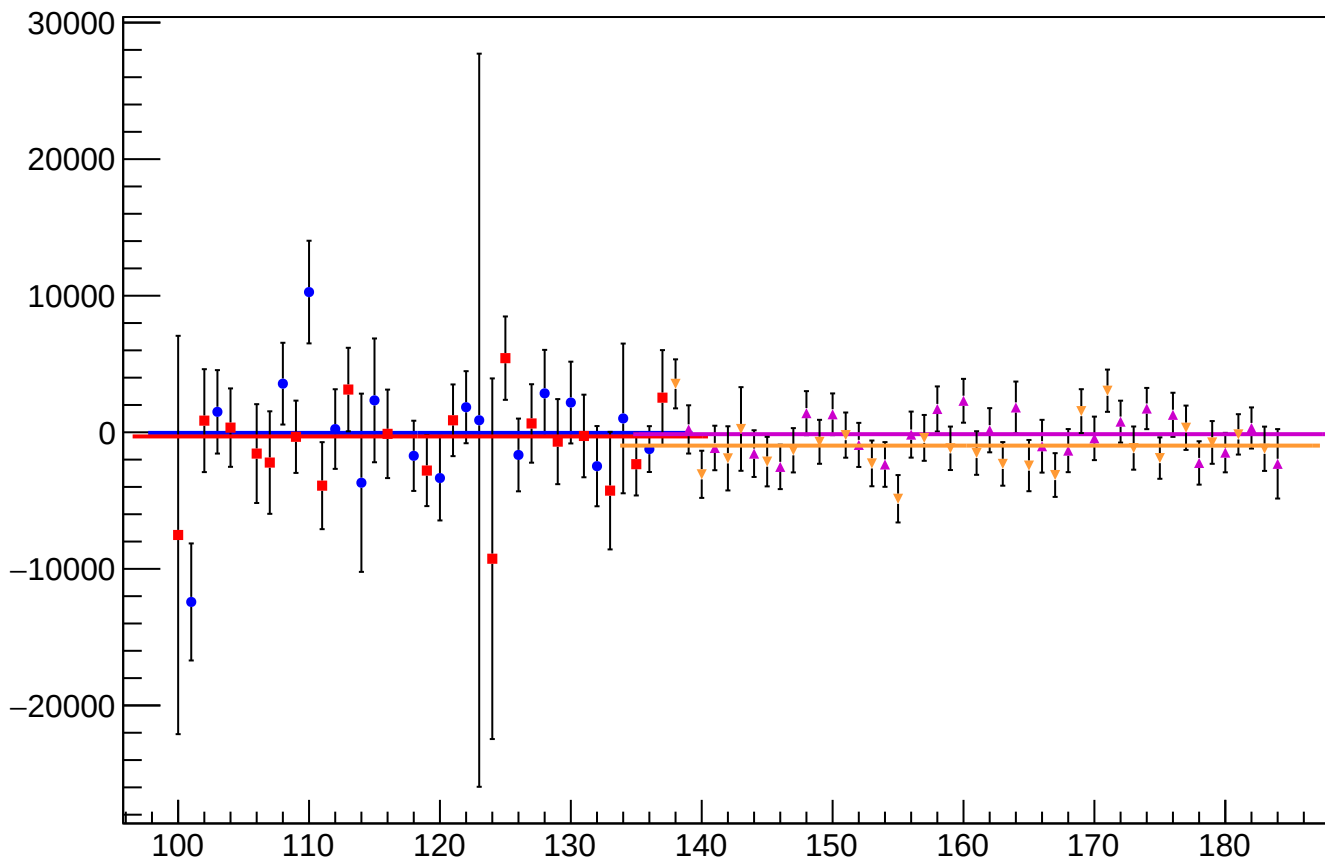
Right: 1151.192 $\pm$ 0.230 χ^2 /NDF: 2239183.7/35

In: 689.569 $\pm$ 0.103 χ^2 /NDF: 3540593.4/39

Out: 704.389 $\pm$ 0.104 χ^2 /NDF: 4276214.3/42

All: 696.913 $\pm$ 0.073 χ^2 /NDF: 7827096.4/82

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -975.027 ± 342.322 χ^2/NDF : 28.5/23

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -137.780 ± 342.262 χ^2/NDF : 18.8/22

Left: -556.330 ± 242.037 χ^2/NDF : 50.3/46

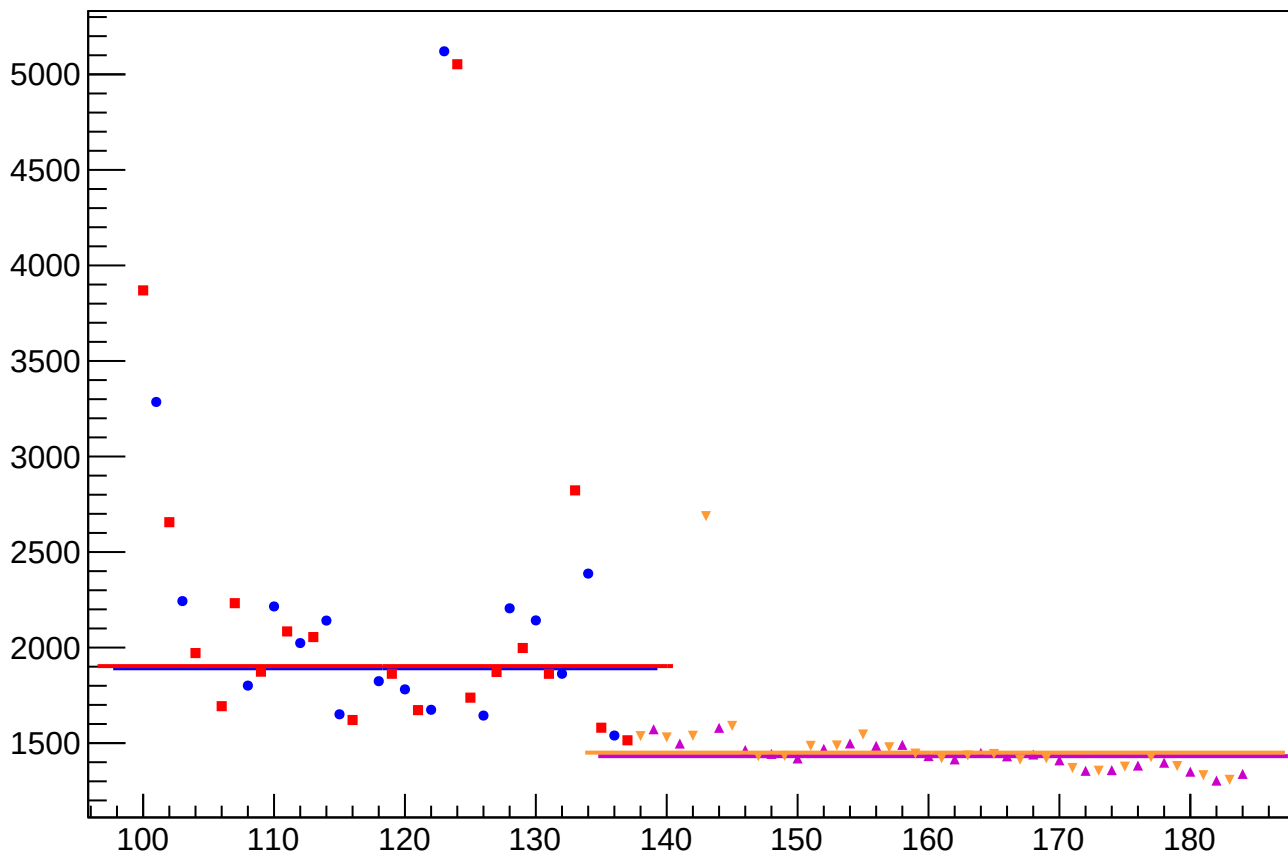
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -121.593 ± 311.198 χ^2/NDF : 42.0/39

Out: -855.220 ± 310.275 χ^2/NDF : 40.0/42

All: -489.496 ± 219.723 χ^2/NDF : 84.8/82

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: 1450.243 $\pm$ 0.242 χ^2 /NDF: 411895.3/23

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

Left: 1440.951 $\pm$ 0.171 χ^2 /NDF: 492634.3/46

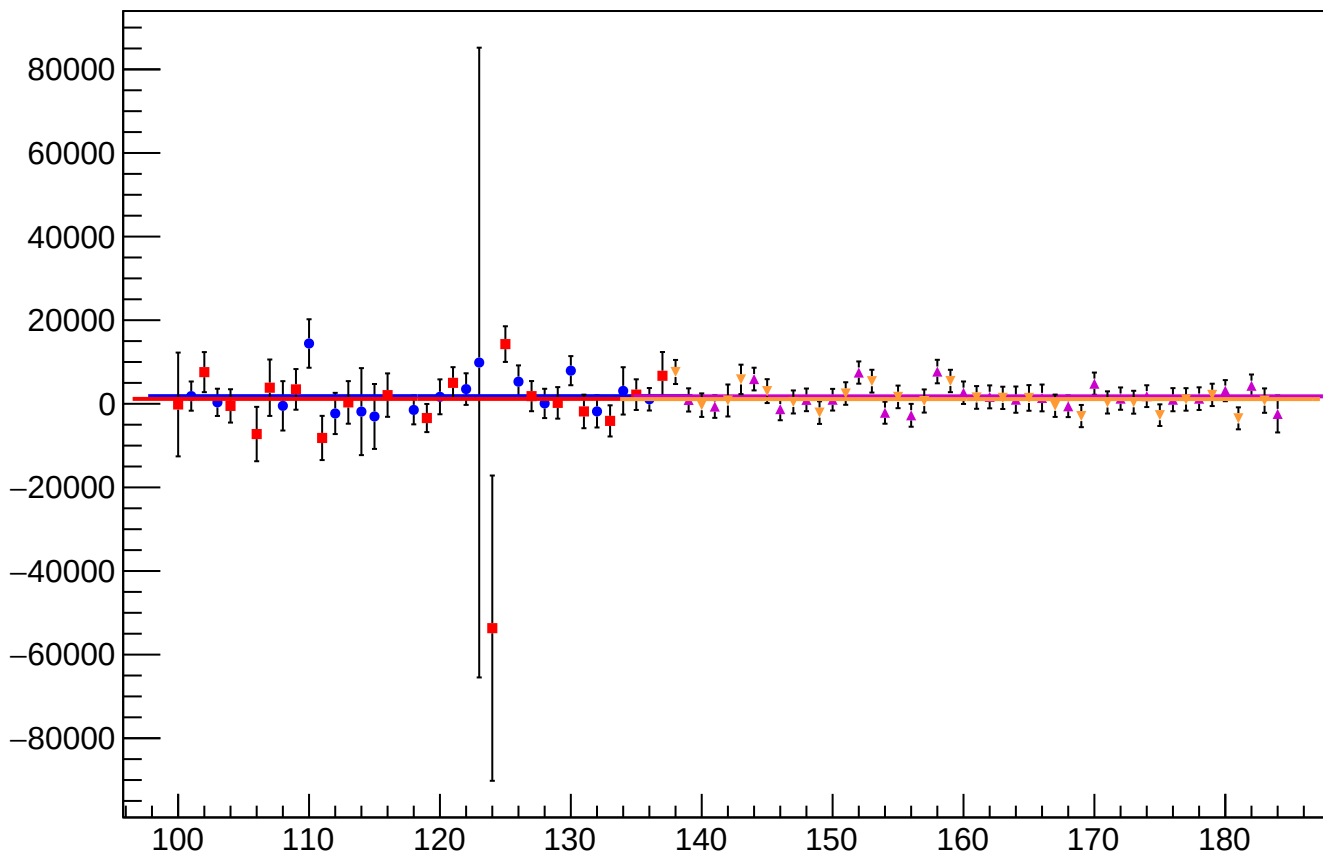
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1511.374 $\pm$ 0.220 χ^2 /NDF: 1172907.7/39

Out: 1531.049 $\pm$ 0.219 χ^2 /NDF: 1496467.7/42

All: 1521.241 $\pm$ 0.155 χ^2 /NDF: 2673384.8/82

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1123.883 $\pm$ 568.554 χ^2 /NDF:22.8/23

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1782.787 $\pm$ 574.111 χ^2 /NDF:23.3/22

Left: 1450.130 $\pm$ 403.979 χ^2 /NDF: 46.7/46

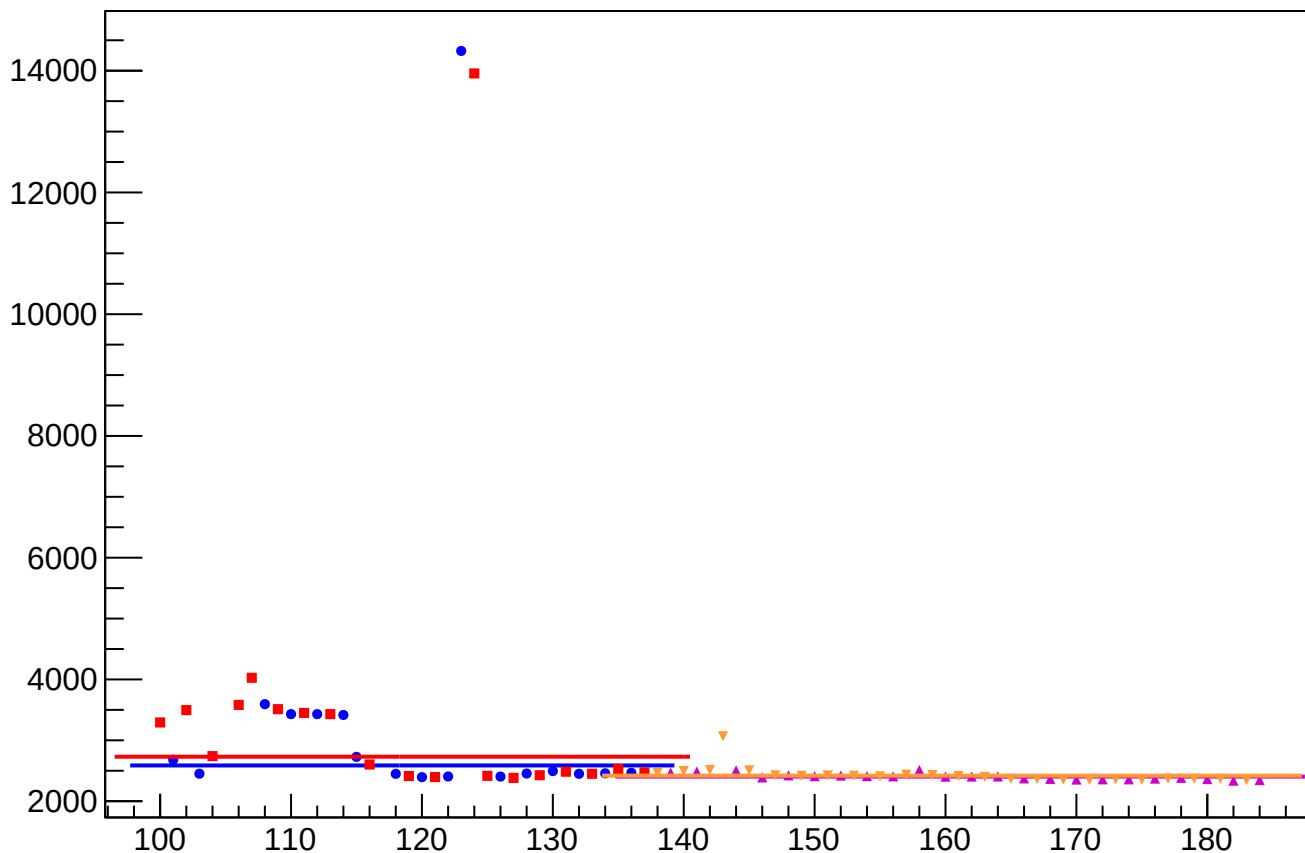
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1793.103 $\pm$ 499.133 χ^2 /NDF:35.9/39

Out: 1135.135 $\pm$ 499.551 χ^2 /NDF:48.2/42

All: 1464.395 $\pm$ 353.088 χ^2 /NDF: 85.0/82

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2419.781+/-0.402 χ^2/NDF : 82397.9/23

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2404.189+/-0.406 χ^2/NDF : 14231.7/22

Left: 2412.061+/-0.286 χ^2/NDF : 97374.4/46

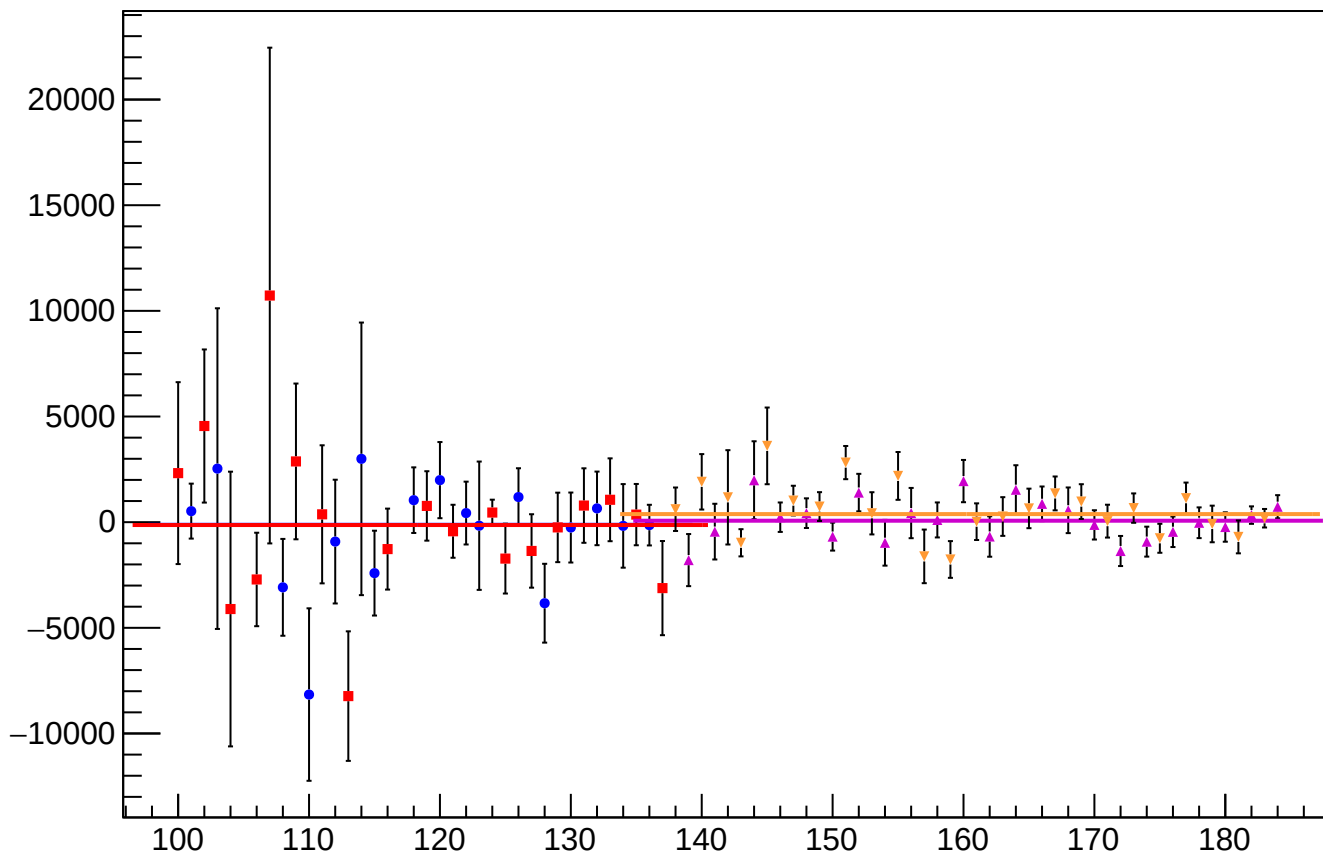
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2448.815+/-0.353 χ^2/NDF : 317842.1/39

Out: 2490.622+/-0.353 χ^2/NDF : 803572.4/42

All: 2469.701+/-0.250 χ^2/NDF : 1128424.1/82

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 381.895+/-165.436 χ^2/NDF : 39.9/23

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: 69.054+/-161.241 χ^2/NDF : 24.0/22

Left: 221.458+/-115.469 χ^2/NDF : 65.7/46

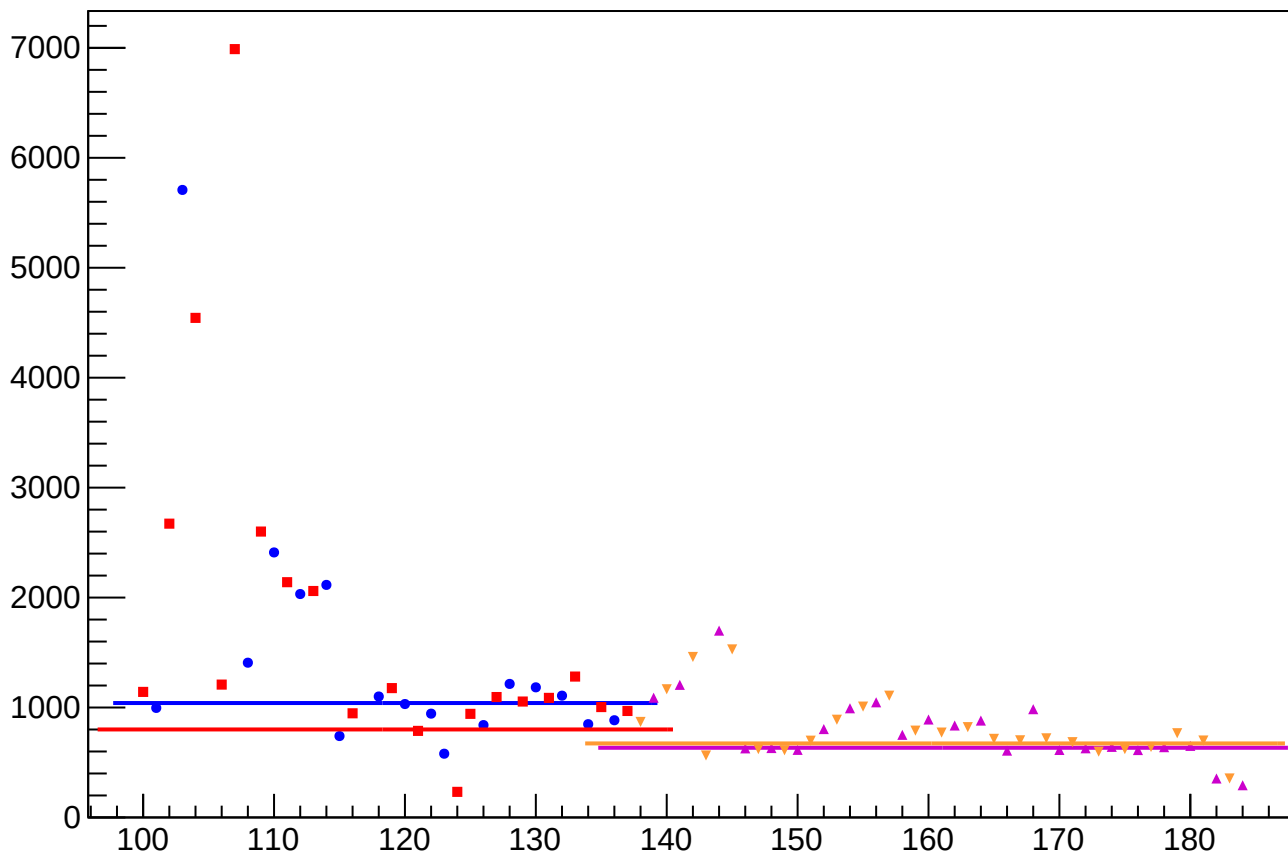
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: 45.271+/-151.009 χ^2/NDF : 38.8/39

Out: 299.276+/-151.648 χ^2/NDF : 59.3/42

All: 171.737+/-107.005 χ^2/NDF : 99.6/82

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 673.337+/-0.117 χ^2/NDF : 2884476.1/23

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 633.854+/-0.114 χ^2/NDF : 4111957.5/22

Left: 653.089+/-0.082 χ^2/NDF : 7054855.4/46

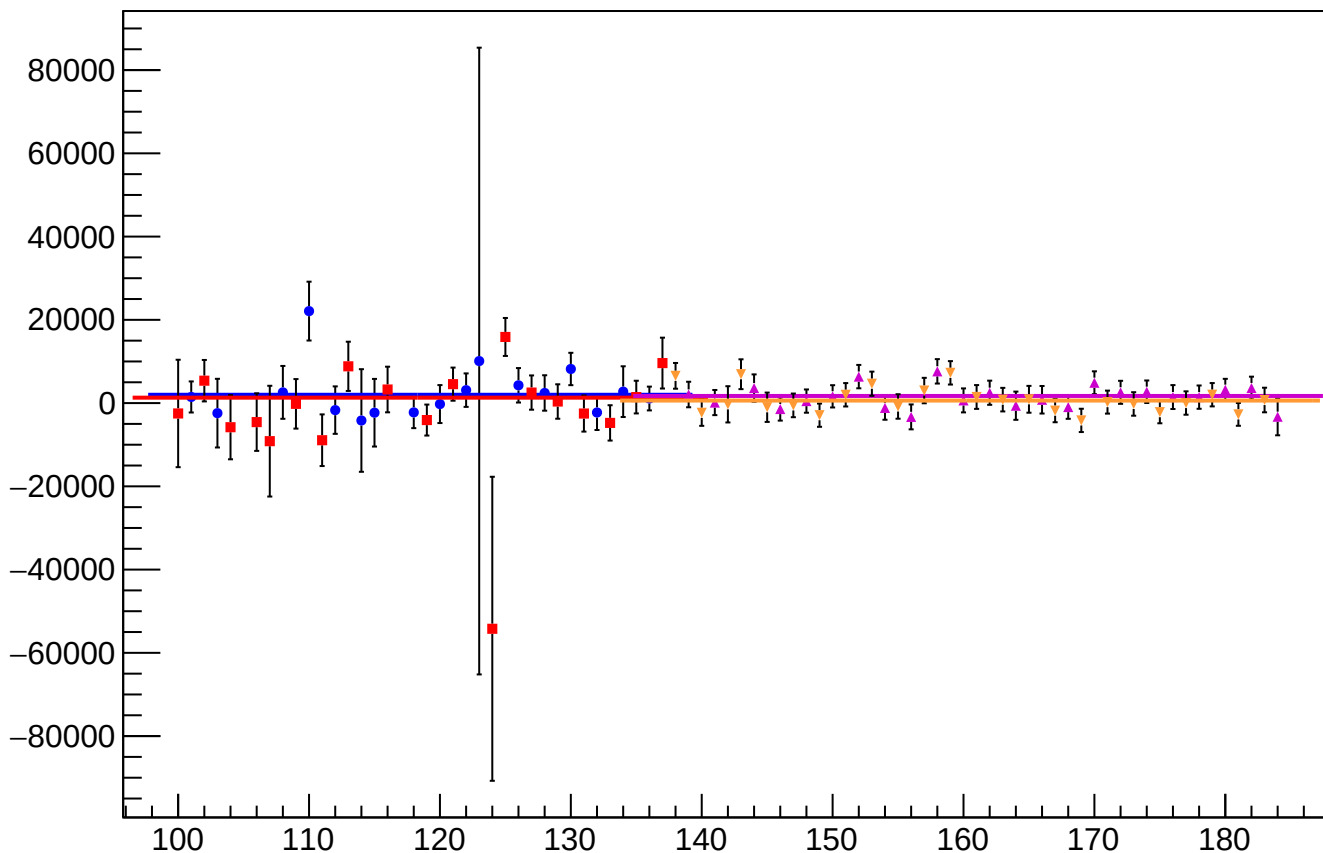
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 683.860+/-0.107 χ^2/NDF : 7250297.2/39

Out: 693.634+/-0.107 χ^2/NDF : 8259976.2/42

All: 688.727+/-0.076 χ^2/NDF : 15514444.8/82

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 611.128+/-601.707 χ^2/NDF : 25.0/23

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1713.317+/-607.775 χ^2/NDF : 18.1/22

Left: 1156.692+/-427.600 χ^2/NDF : 44.7/46

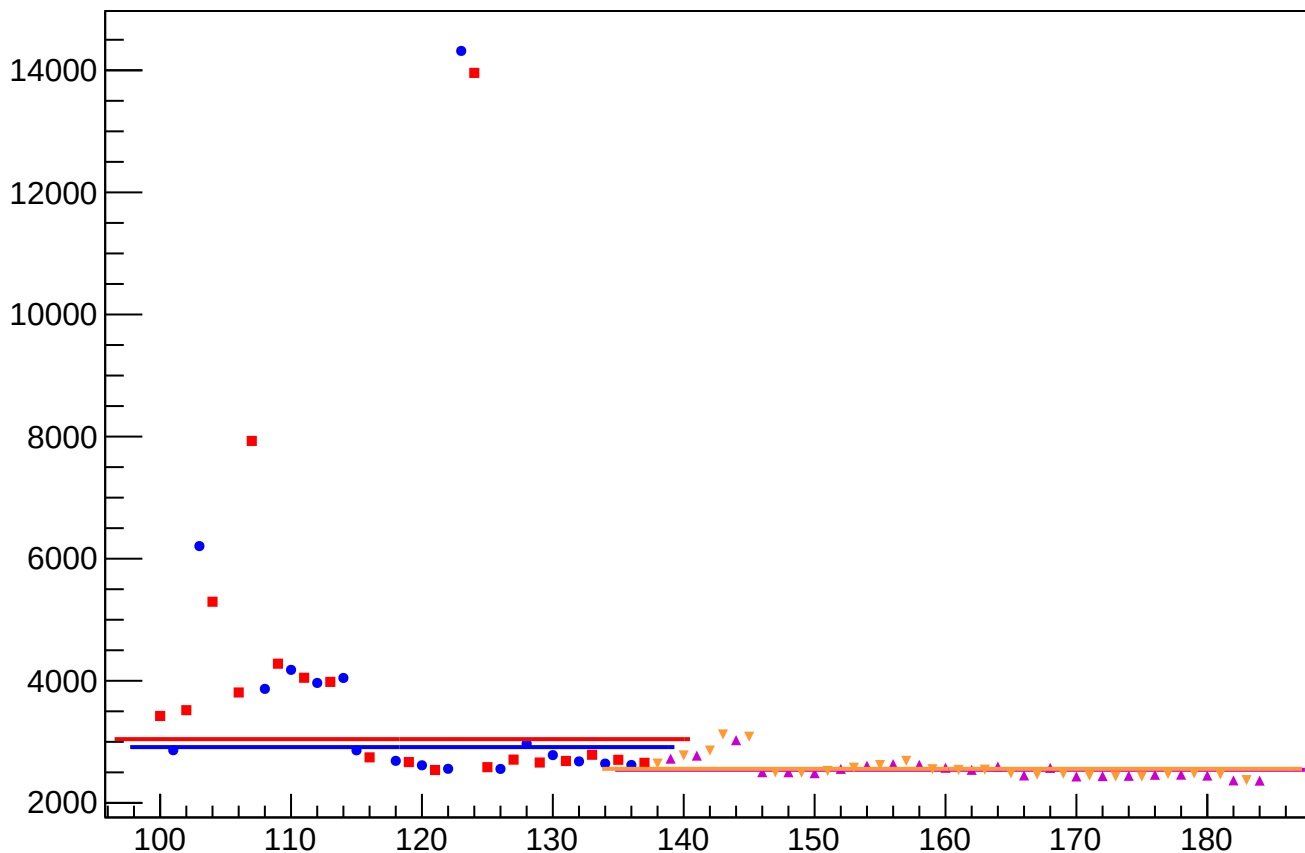
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1774.670+/-537.860 χ^2/NDF : 33.0/39

Out: 752.484+/-536.843 χ^2/NDF : 52.9/42

All: 1262.610+/-379.964 χ^2/NDF : 87.7/82

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2558.130+/-0.425 χ^2/NDF : 151781.1/23

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2541.950+/-0.430 χ^2/NDF : 97238.4/22

Left: 2550.121+/-0.302 χ^2/NDF : 249735.3/46

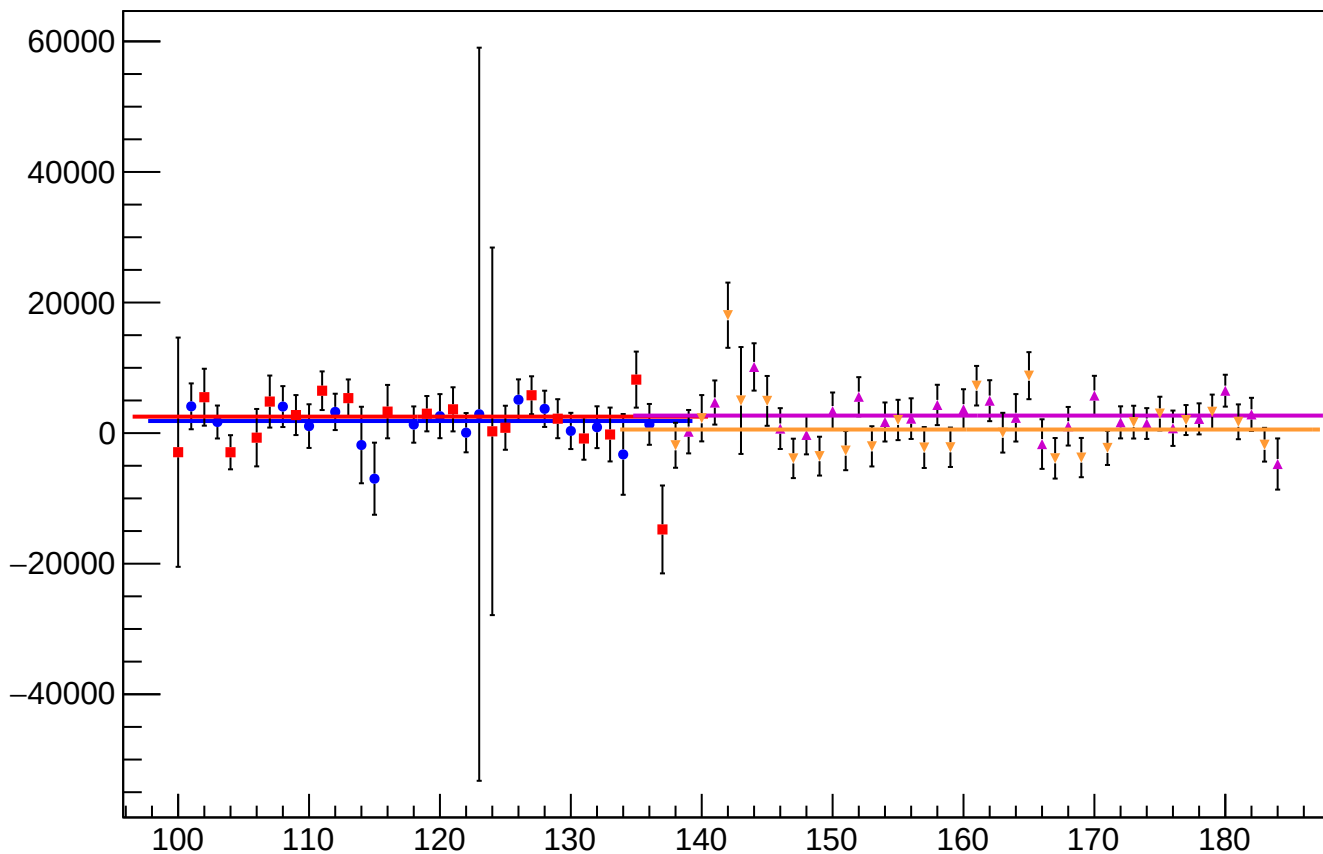
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2622.597+/-0.380 χ^2/NDF : 898624.3/39

Out: 2657.333+/-0.380 χ^2/NDF : 1423627.9/42

All: 2639.998+/-0.269 χ^2/NDF : 2326431.0/82

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 550.108+/-616.540 χ^2/NDF : 41.3/23

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

Left In: 2684.095+/-614.666 χ^2/NDF : 18.2/22

Left: 1620.349+/-435.296 χ^2/NDF : 65.5/46

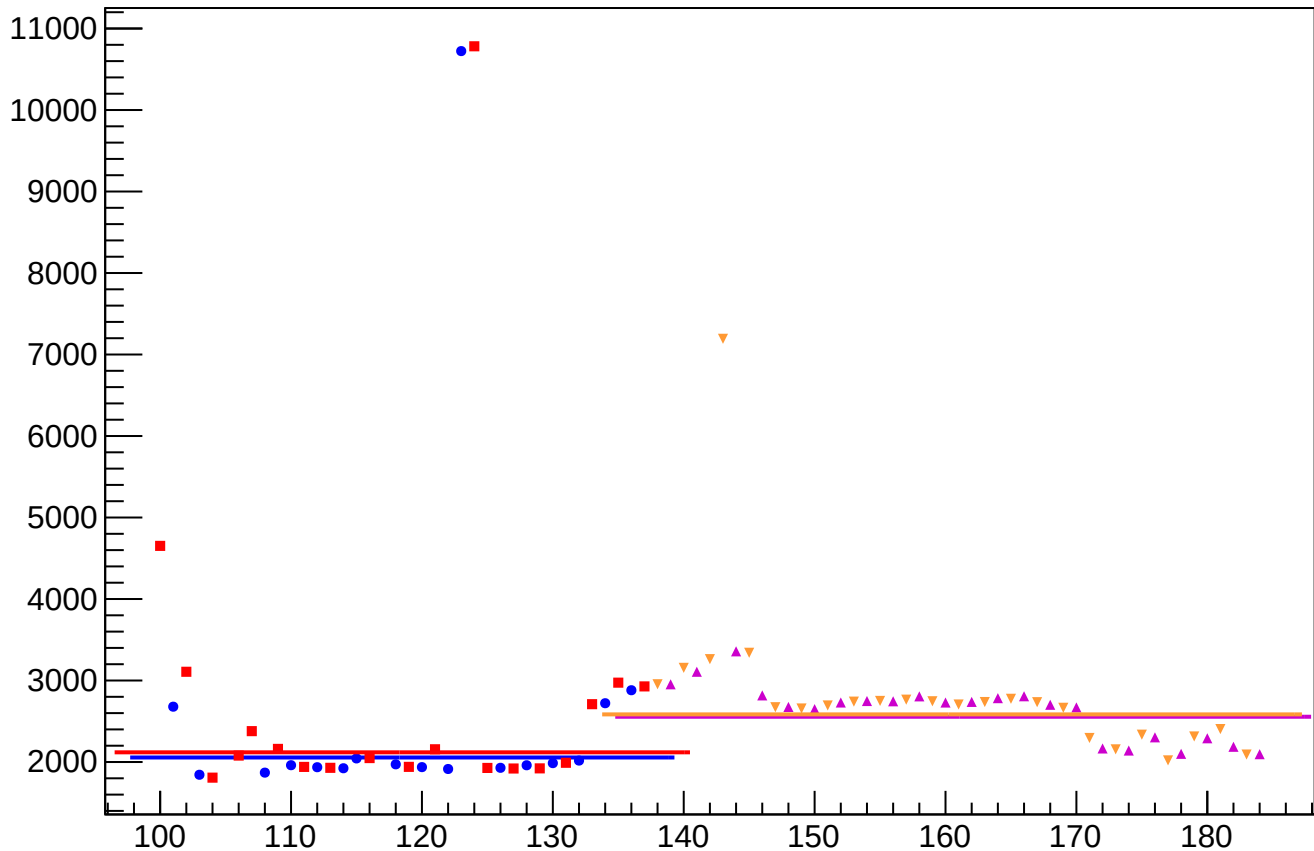
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 2377.781+/-488.927 χ^2/NDF : 26.2/39

Out: 1264.478+/-492.446 χ^2/NDF : 65.1/42

All: 1825.122+/-346.961 χ^2/NDF : 93.9/82

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2/NDF : 316383.7/16

Left Out: 2584.366 $\pm$ 0.436 χ^2/NDF : 1198069.5/23

Right Out: 2118.803 $\pm$ 0.578 χ^2/NDF : 573725.8/18

Left In: 2555.439 $\pm$ 0.435 χ^2/NDF : 568401.2/22

Left: 2569.858 $\pm$ 0.308 χ^2/NDF : 1768678.7/46

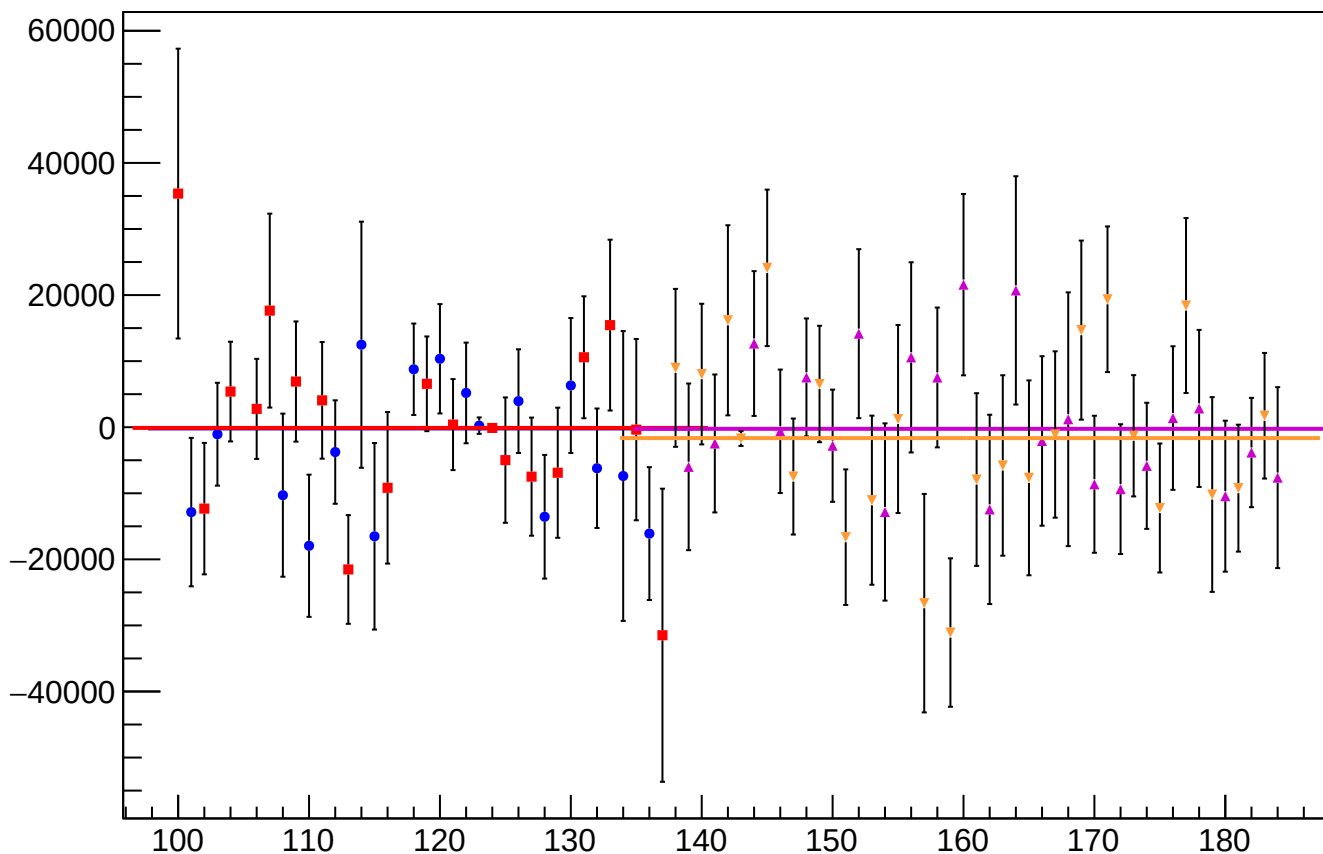
Right: 2086.718 $\pm$ 0.406 χ^2/NDF : 896197.4/35

In: 2371.800 $\pm$ 0.346 χ^2/NDF : 1370831.5/39

Out: 2415.492 $\pm$ 0.348 χ^2/NDF : 2185458.1/42

All: 2393.501 $\pm$ 0.245 χ^2/NDF : 3564222.3/82

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1647.649+/-1015.277 χ^2/NDF : 31.2/23

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

Left In: -245.792+/-2336.154 χ^2/NDF : 13.7/22

Left: -1424.942+/-931.145 χ^2/NDF : 45.2/46

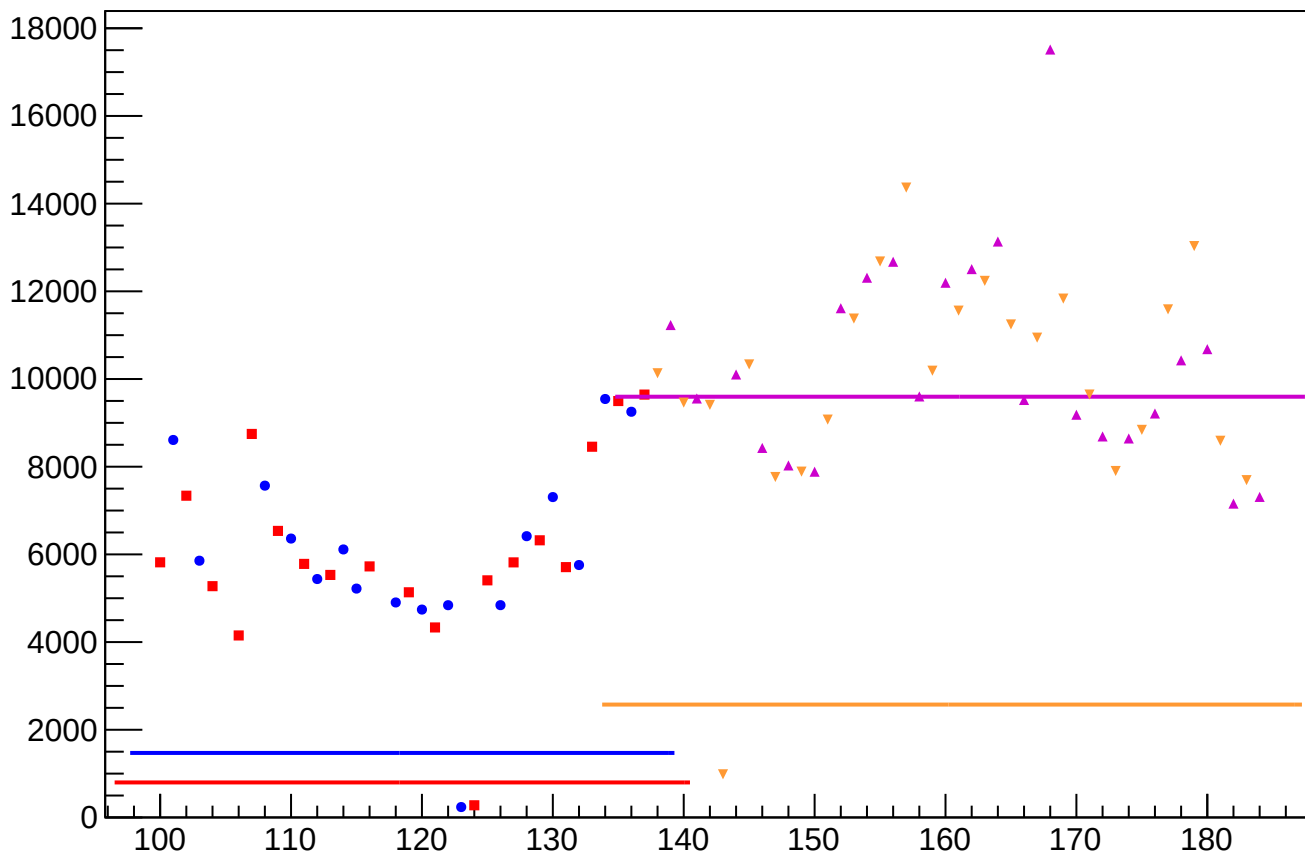
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -196.246+/-995.774 χ^2/NDF : 30.1/39

Out: -594.199+/-571.041 χ^2/NDF : 54.3/42

All: -495.715+/-495.367 χ^2/NDF : 84.6/82

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 2574.655+/-0.718 χ^2/NDF : 23161760.3/23

Right Out: 798.642+/-0.488 χ^2/NDF : 11527481.4/18

Left In: 9596.259+/-1.652 χ^2/NDF : 1313330.2/22

Left: 3690.150+/-0.658 χ^2/NDF : 39672332.0/46

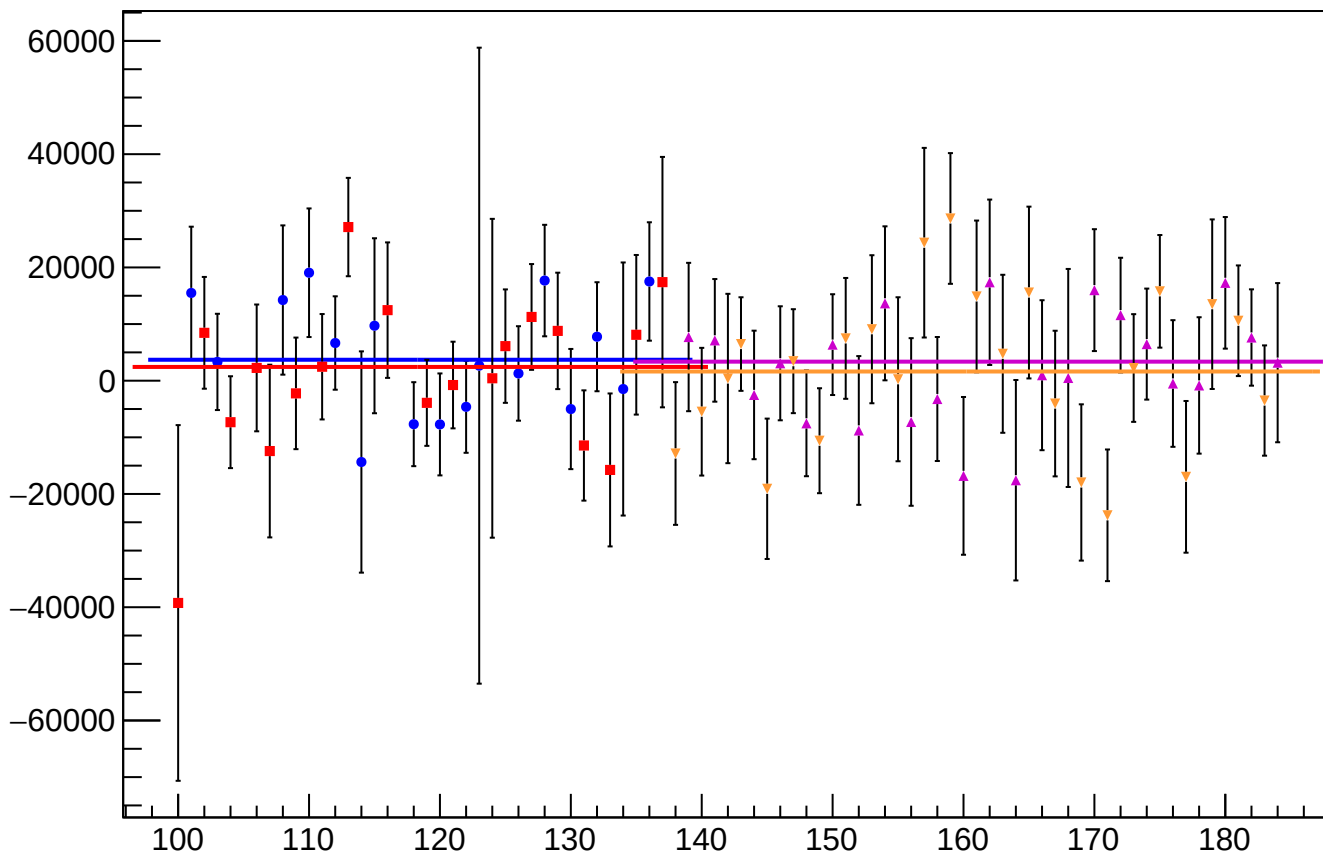
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 2947.733+/-0.704 χ^2/NDF : 30896652.0/39

Out: 1360.481+/-0.404 χ^2/NDF : 38873208.3/42

All: 1753.288+/-0.350 χ^2/NDF : 73593888.5/80

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 1624.440+/-2358.421 χ^2/NDF : 29.2/23

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 3362.489+/-2413.842 χ^2/NDF : 12.8/22

Left: 2473.283+/-1686.908 χ^2/NDF : 42.3/46

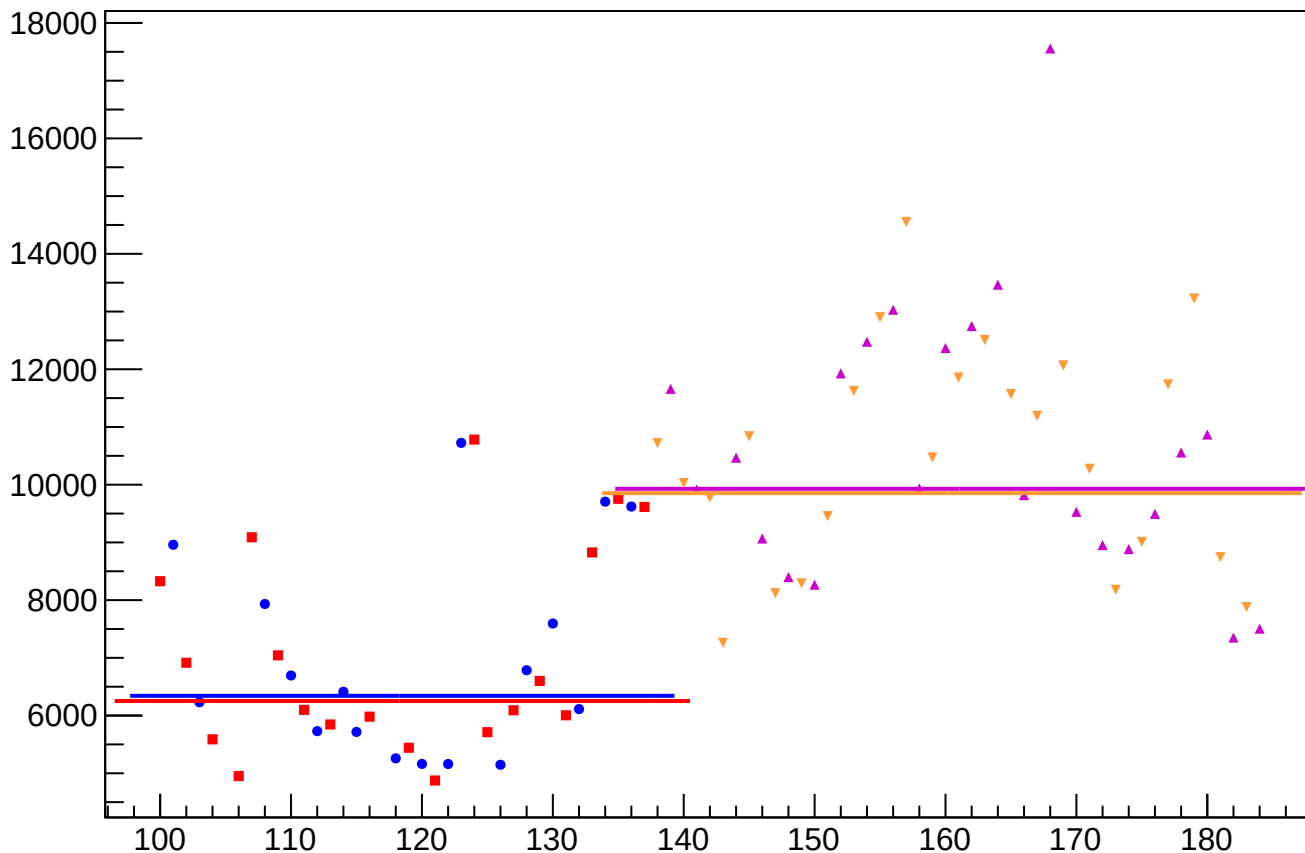
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3523.376+/-1742.486 χ^2/NDF : 27.2/39

Out: 2016.716+/-1689.488 χ^2/NDF : 49.5/42

All: 2746.785+/-1212.952 χ^2/NDF : 77.1/82

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9853.864+/-1.668 χ^2/NDF : 1183169.6/23

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 9928.662+/-1.707 χ^2/NDF : 1220804.9/22

Left: 9890.394+/-1.193 χ^2/NDF : 2404957.0/46

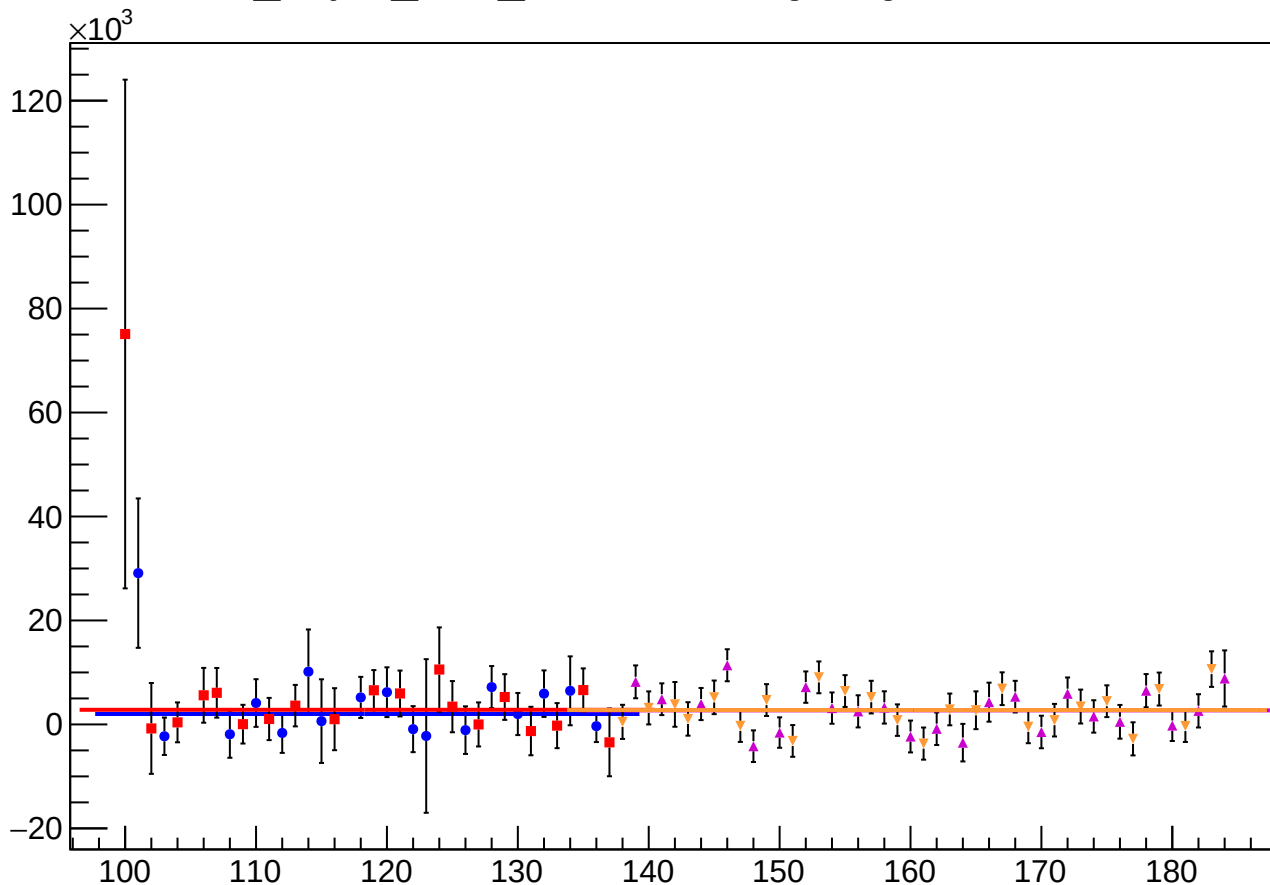
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8211.158+/-1.232 χ^2/NDF : 3928746.8/39

Out: 8100.379+/-1.195 χ^2/NDF : 3992111.6/42

All: 8154.057+/-0.858 χ^2/NDF : 7925025.0/82

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2/NDF : 13.7/16

Left Out: 2759.609 $\pm$ 650.815 χ^2/NDF : 32.0/23

Right Out: 2811.702 $\pm$ 1086.544 χ^2/NDF : 10.5/18

Left In: 2701.503 $\pm$ 662.221 χ^2/NDF : 36.1/22

Left: 2731.061 $\pm$ 464.176 χ^2/NDF : 68.1/46

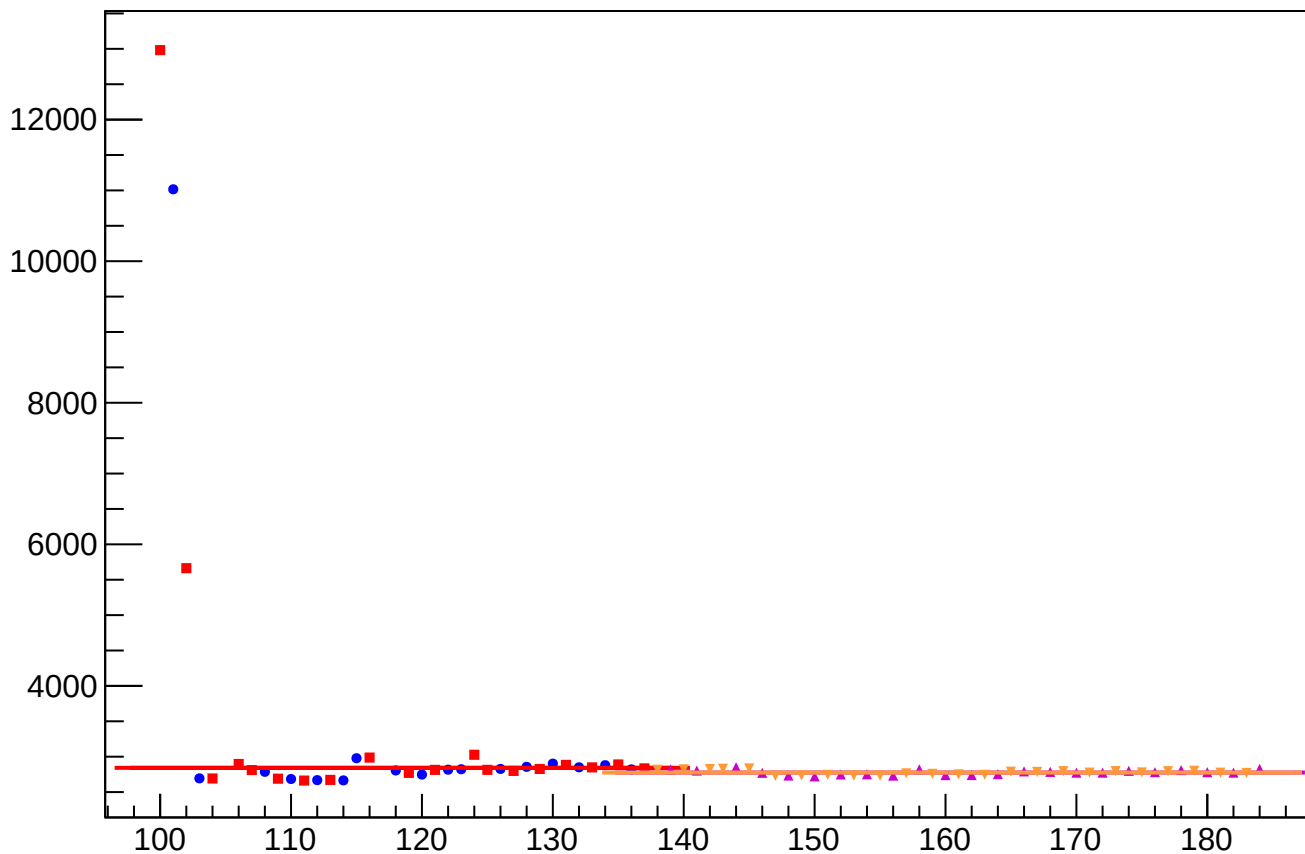
Right: 2422.331 $\pm$ 781.689 χ^2/NDF : 24.5/35

In: 2522.266 $\pm$ 570.746 χ^2/NDF : 50.0/39

Out: 2773.364 $\pm$ 558.321 χ^2/NDF : 42.5/42

All: 2650.578 $\pm$ 399.113 χ^2/NDF : 92.7/82

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2775.890+/-0.460 χ^2/NDF : 4885.0/23

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

Left In: 2776.013+/-0.468 χ^2/NDF : 5154.3/22

Left: 2775.950+/-0.328 χ^2/NDF : 10039.4/46

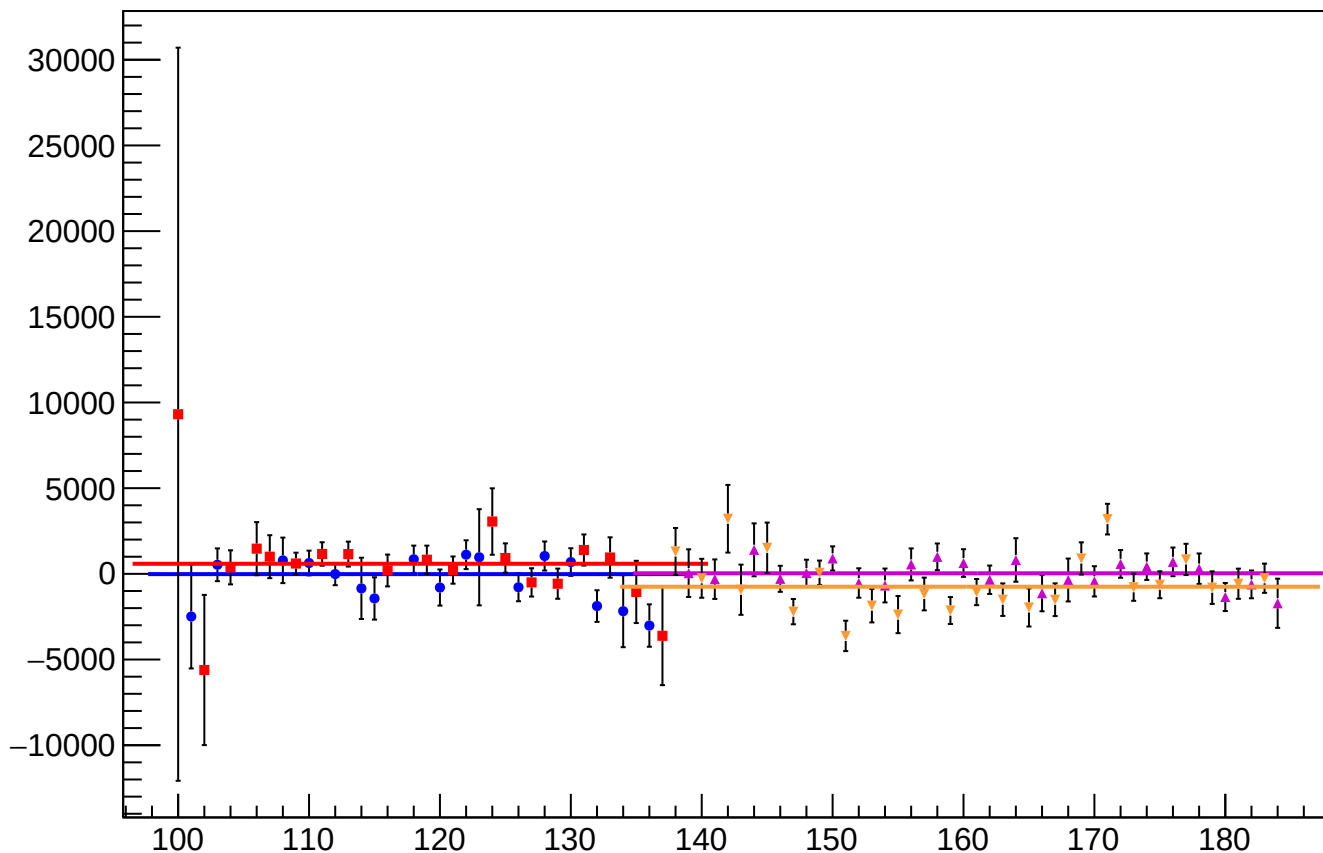
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2793.145+/-0.404 χ^2/NDF : 670664.5/39

Out: 2793.462+/-0.395 χ^2/NDF : 322742.5/42

All: 2793.307+/-0.282 χ^2/NDF : 993407.4/82

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -750.226 ± 190.736 χ^2/NDF : 60.0/23

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 34.290 ± 188.671 χ^2/NDF : 14.5/22

Left: -353.698 ± 134.134 χ^2/NDF : 83.1/46

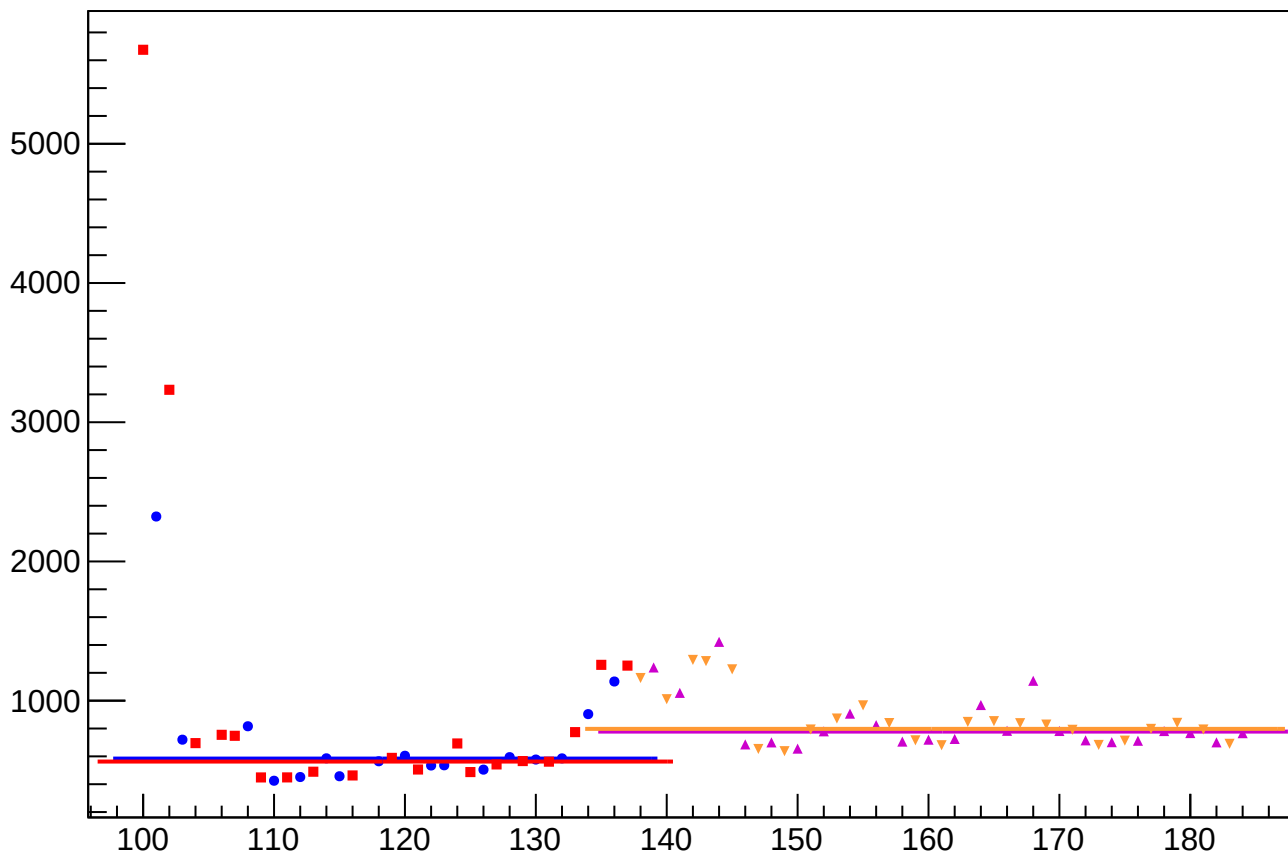
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 15.111 ± 148.056 χ^2/NDF : 36.1/39

Out: -192.727 ± 145.708 χ^2/NDF : 94.0/42

All: -90.469 ± 103.851 χ^2/NDF : 131.1/82

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 797.447+/-0.135 χ^2/NDF : 1157358.7/23

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 777.887+/-0.133 χ^2/NDF : 1145609.7/22

Left: 787.561+/-0.095 χ^2/NDF : 2313599.9/46

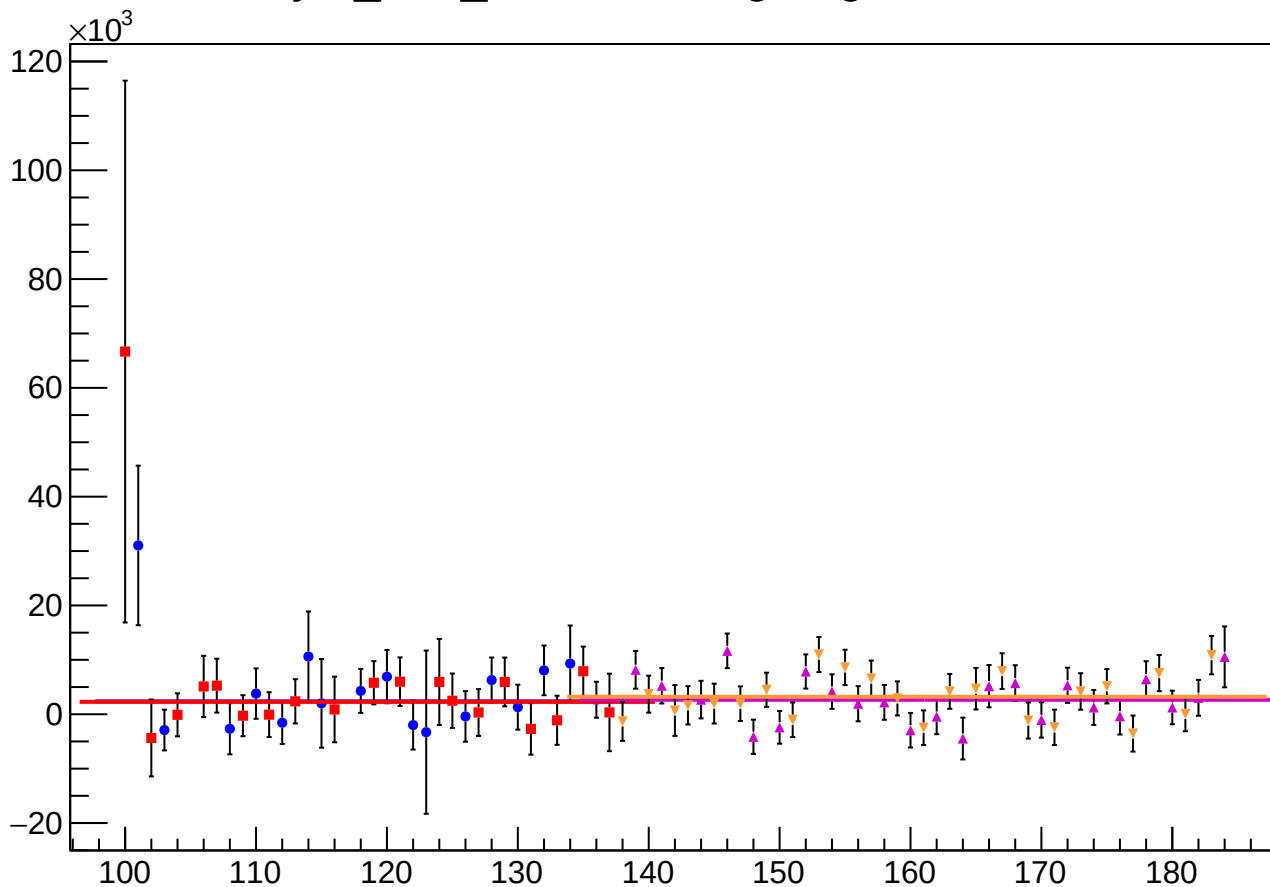
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 703.417+/-0.105 χ^2/NDF : 3393231.6/39

Out: 699.692+/-0.103 χ^2/NDF : 4058528.7/42

All: 701.525+/-0.073 χ^2/NDF : 7452403.5/82

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3206.013+/-683.095 χ^2/NDF : 36.2/23

Right Out: 2277.507+/-1111.658 χ^2/NDF : 10.2/18

Left In: 2659.828+/-693.121 χ^2/NDF : 36.9/22

Left: 2936.899+/-486.527 χ^2/NDF : 73.5/46

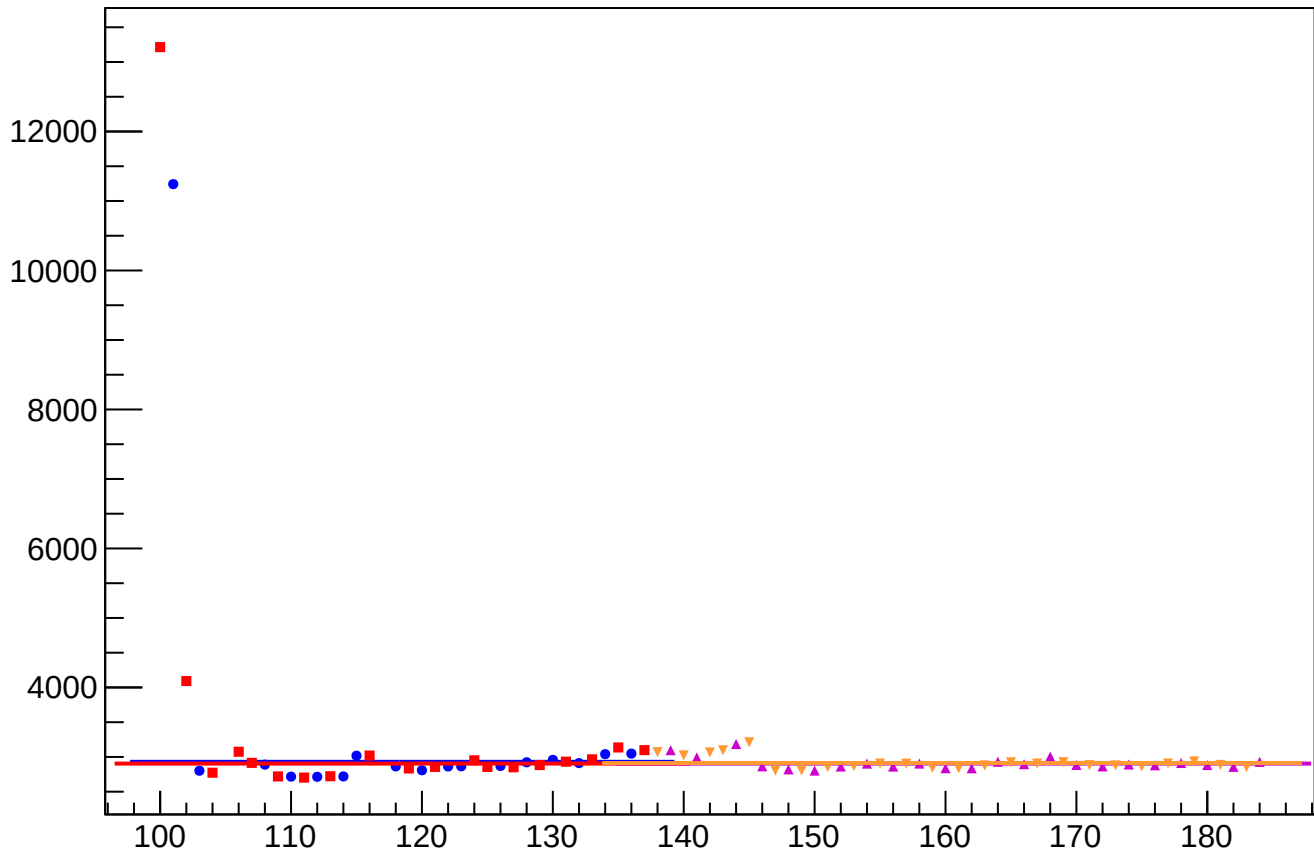
Right: 2318.341+/-802.588 χ^2/NDF : 25.3/35

In: 2581.675+/-594.989 χ^2/NDF : 52.0/39

Out: 2951.514+/-581.998 χ^2/NDF : 47.0/42

All: 2770.676+/-416.052 χ^2/NDF : 99.2/82

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654 $\pm$ 0.820 χ^2 /NDF: 662629.0/16

Left Out: 2912.053 $\pm$ 0.483 χ^2 /NDF: 36420.0/23

Right Out: 2904.570 $\pm$ 0.786 χ^2 /NDF: 169288.7/18

Left In: 2904.499 $\pm$ 0.490 χ^2 /NDF: 30423.1/22

Left: 2908.331 $\pm$ 0.344 χ^2 /NDF: 66963.6/46

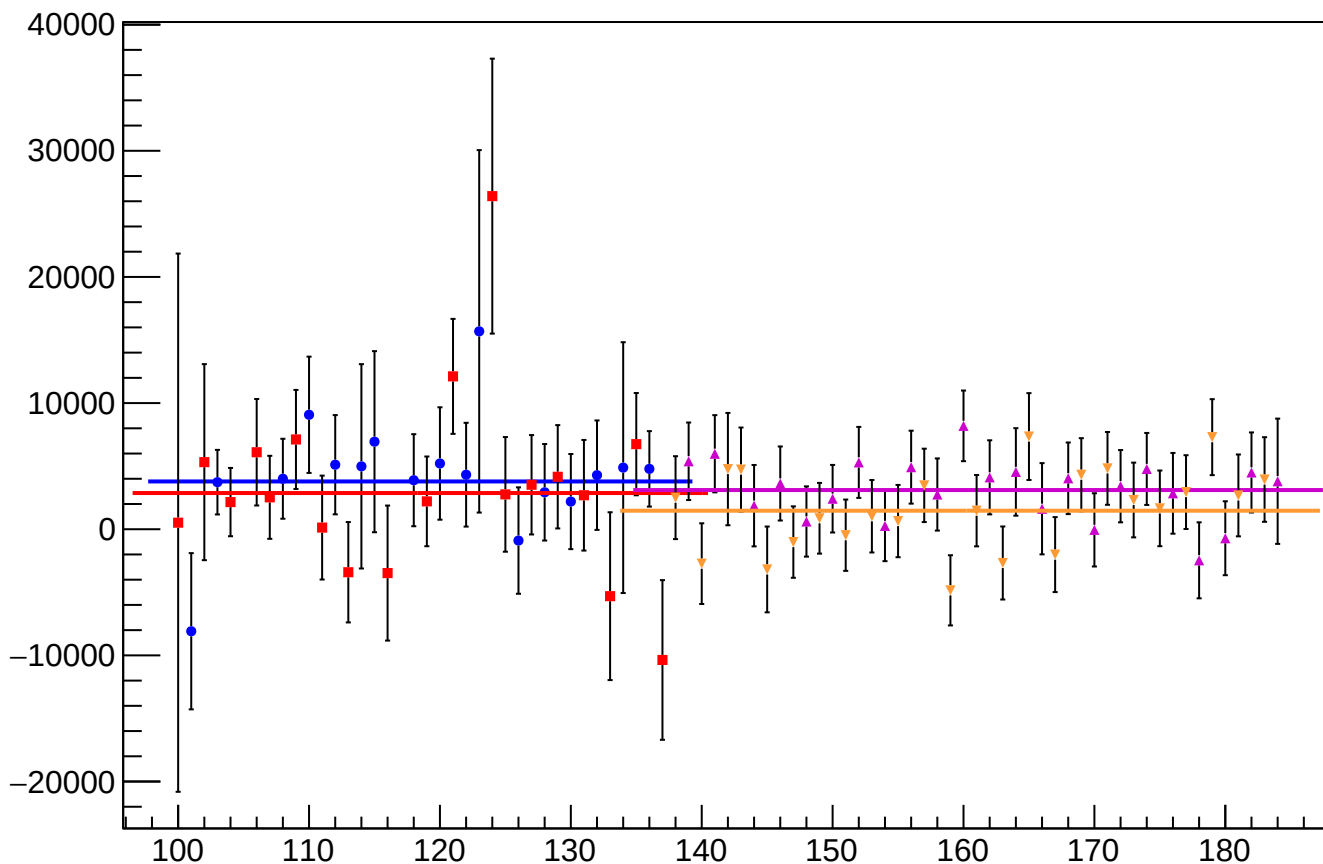
Right: 2916.579 $\pm$ 0.568 χ^2 /NDF: 832405.2/35

In: 2911.117 $\pm$ 0.421 χ^2 /NDF: 693745.2/39

Out: 2910.002 $\pm$ 0.412 χ^2 /NDF: 205774.5/42

All: 2910.547 $\pm$ 0.294 χ^2 /NDF: 899523.3/82

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 1468.483 $\pm$ 619.948 χ^2/NDF : 25.7/23

Right Out: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

Left In: 3105.866 $\pm$ 626.946 χ^2/NDF : 15.3/22

Left: 2277.985 $\pm$ 440.823 χ^2/NDF : 44.4/46

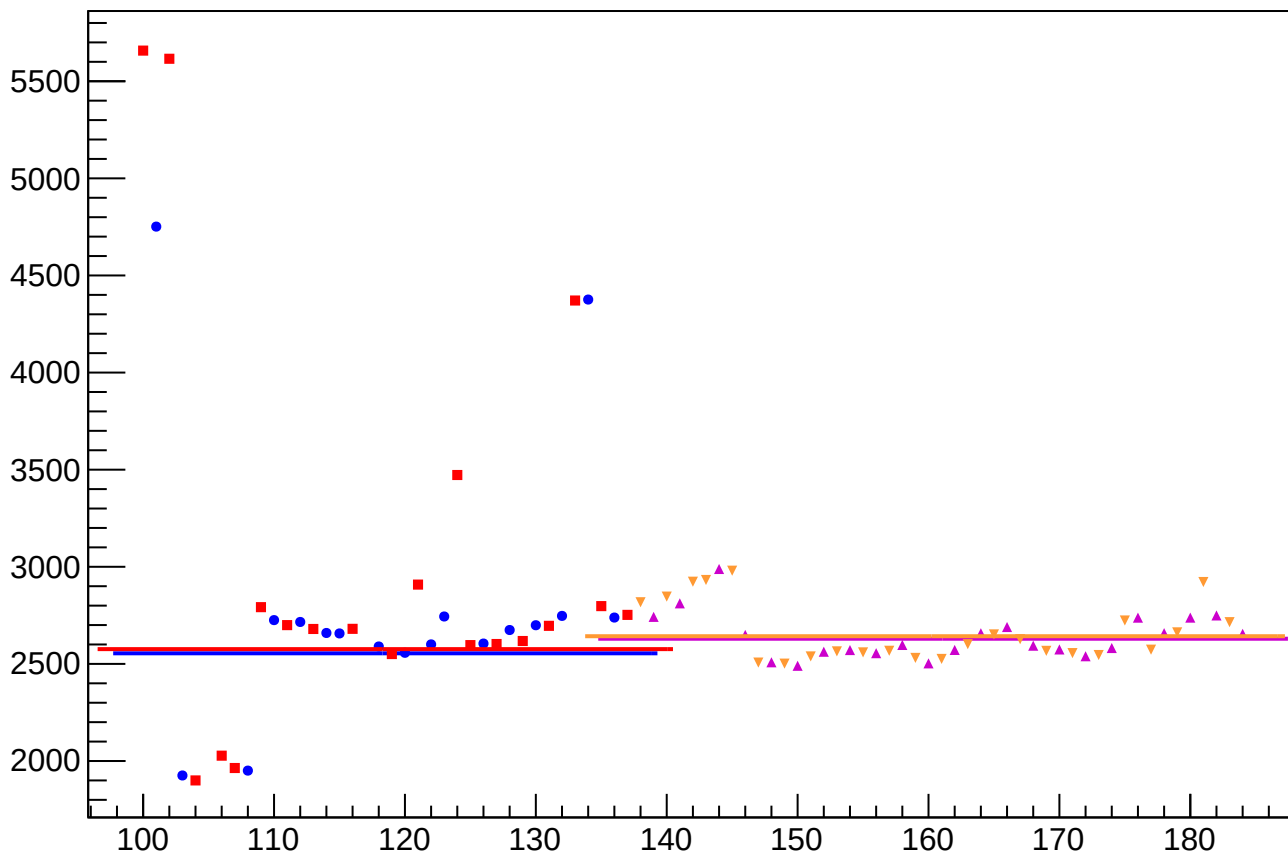
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3296.063 $\pm$ 532.391 χ^2/NDF : 23.3/39

Out: 1855.783 $\pm$ 527.341 χ^2/NDF : 49.1/42

All: 2569.060 $\pm$ 374.659 χ^2/NDF : 76.1/82

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2642.476 $\pm$ 0.438 χ^2 /NDF:104172.8/23

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2629.589 $\pm$ 0.443 χ^2 /NDF:64727.7/22

Left: 2636.104 $\pm$ 0.312 χ^2 /NDF: 169327.8/46

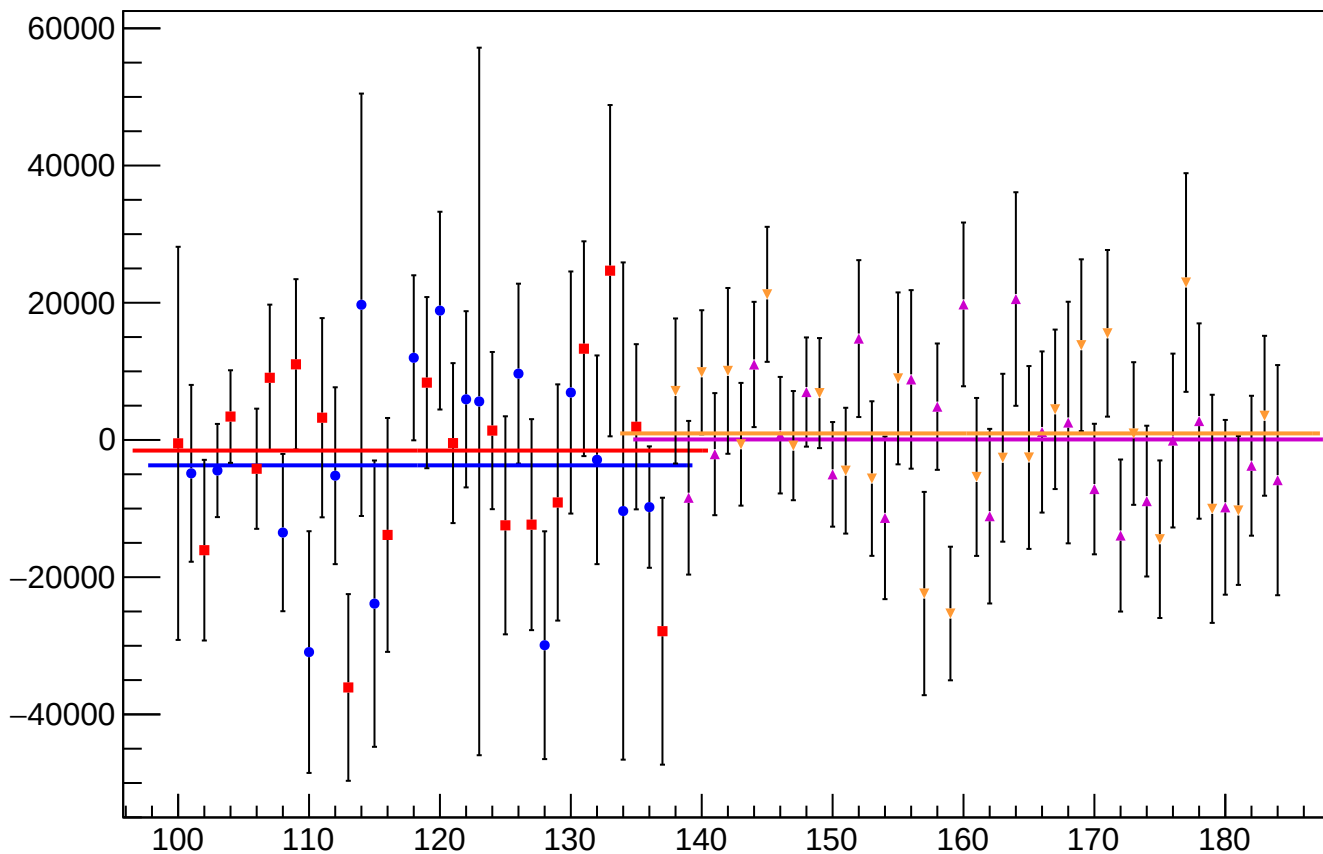
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2608.657 $\pm$ 0.376 χ^2 /NDF:609347.0/39

Out: 2624.109 $\pm$ 0.373 χ^2 /NDF:875675.5/42

All: 2616.458 $\pm$ 0.265 χ^2 /NDF: 1485873.1/82

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 954.333 $\pm$ 2213.483 χ^2 /NDF: 25.9/23

Right Out: -1544.858 $\pm$ 2896.847 χ^2 /NDF: 16.8/18

Left In: 74.778 $\pm$ 2249.033 χ^2 /NDF: 15.6/22

Left: 521.562 $\pm$ 1577.587 χ^2 /NDF: 41.6/46

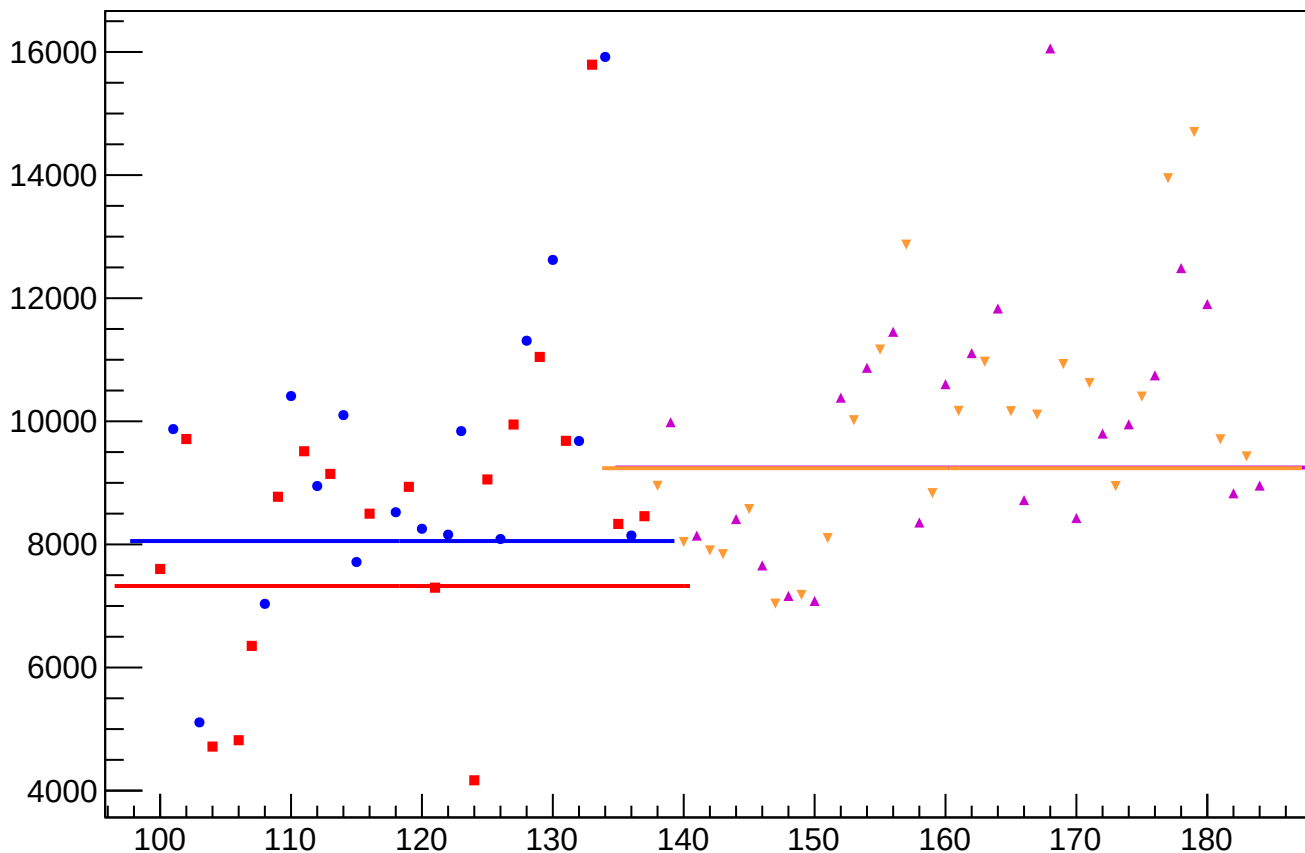
Right: -2509.390 $\pm$ 2152.947 χ^2 /NDF: 30.8/35

In: -1163.877 $\pm$ 1843.410 χ^2 /NDF: 30.3/39

Out: 33.064 $\pm$ 1758.811 χ^2 /NDF: 43.2/42

All: -537.312 $\pm$ 1272.524 χ^2 /NDF: 73.7/82

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 9238.342 $\pm$ 1.565 χ^2 /NDF:1168174.5/23

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 9248.938 $\pm$ 1.590 χ^2 /NDF:1235940.4/22

Left: 9243.556 $\pm$ 1.116 χ^2 /NDF: 2404137.4/46

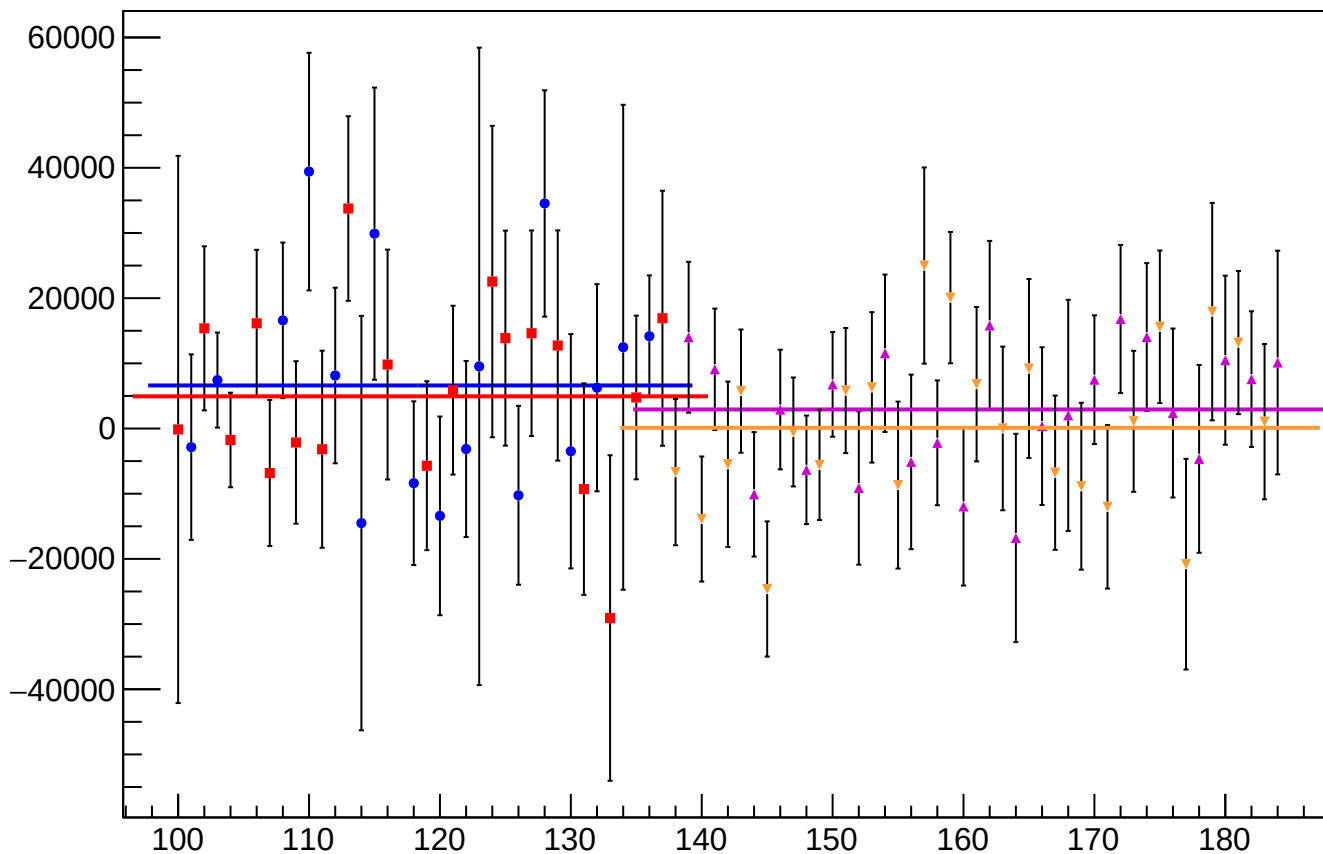
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8857.035 $\pm$ 1.303 χ^2 /NDF:2241750.5/39

Out: 8532.772 $\pm$ 1.244 χ^2 /NDF:3055599.5/42

All: 8687.292 $\pm$ 0.900 χ^2 /NDF: 5329744.8/82

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2 /NDF: 14.7/16

Left Out: 113.199 $\pm$ 2297.089 χ^2 /NDF:25.5/23

Right Out: 4938.727 $\pm$ 3167.808 χ^2 /NDF: 13.6/18

Left In: 2925.533 $\pm$ 2330.587 χ^2 /NDF:14.6/22

Left: 1499.010 $\pm$ 1636.002 χ^2 /NDF: 40.8/46

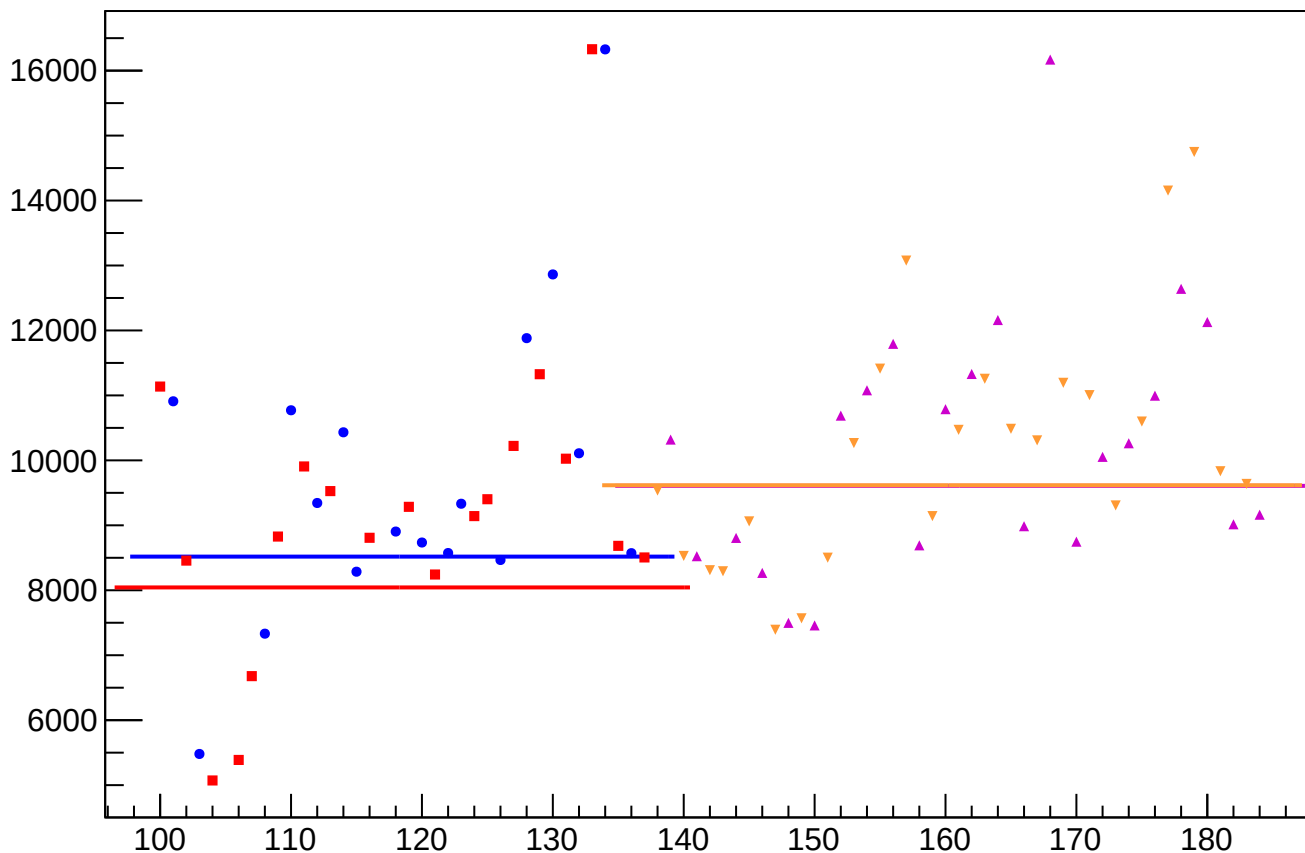
Right: 5715.122 $\pm$ 2316.410 χ^2 /NDF: 28.4/35

In: 4104.425 $\pm$ 1921.576 χ^2 /NDF:30.1/39

Out: 1776.149 $\pm$ 1859.628 χ^2 /NDF:40.6/42

All: 2902.152 $\pm$ 1336.319 χ^2 /NDF: 71.4/82

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9616.809+/-1.624 χ^2/NDF : 1011200.0/23

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9607.553+/-1.648 χ^2/NDF : 1085465.7/22

Left: 9612.248+/-1.157 χ^2/NDF : 2096681.7/46

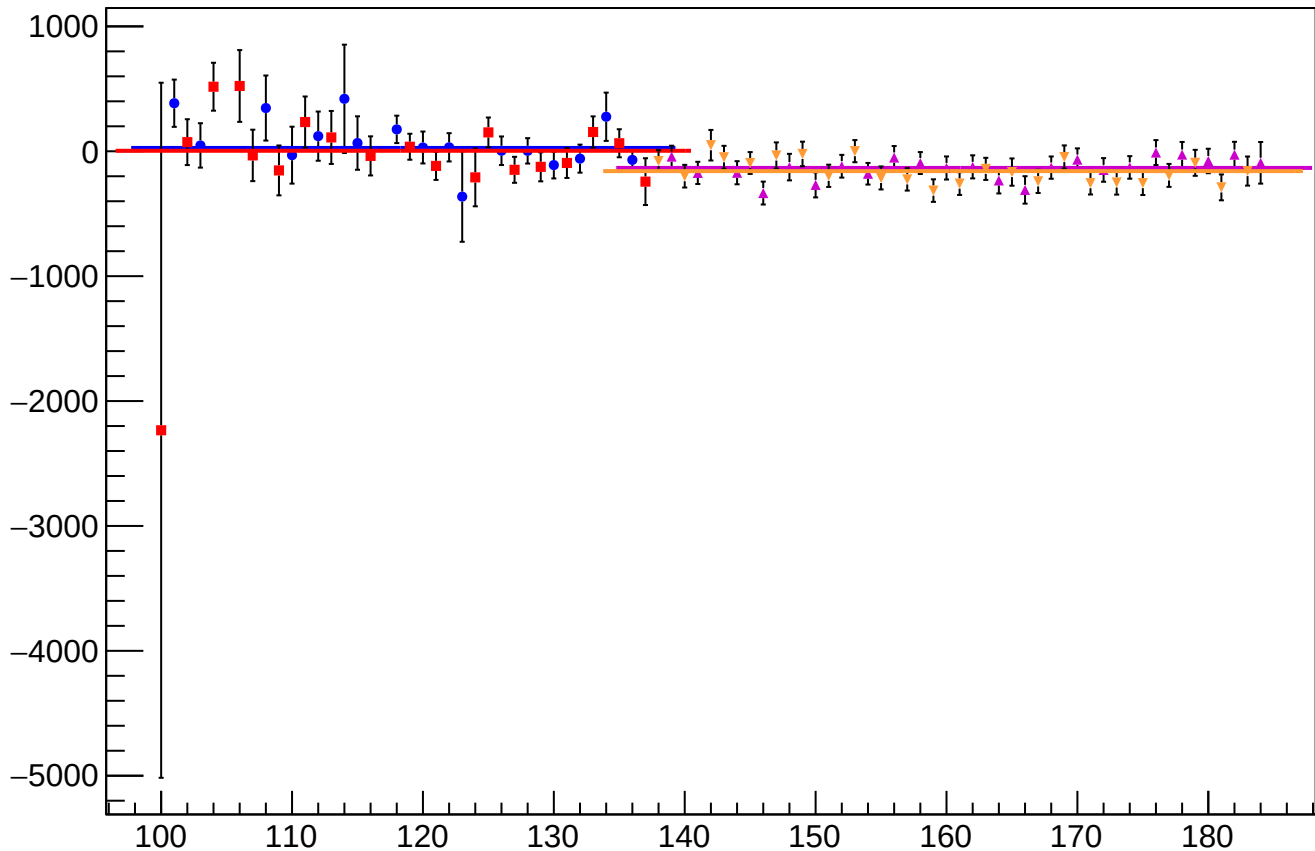
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9258.772+/-1.359 χ^2/NDF : 1997352.7/39

Out: 9074.685+/-1.315 χ^2/NDF : 2288006.9/42

All: 9163.712+/-0.945 χ^2/NDF : 4294838.0/82

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 χ^2/NDF : 14.5/16

Left Out: -158.861 ± 19.395 χ^2/NDF : 25.2/23

Right Out: 4.007 ± 33.839 χ^2/NDF : 24.6/18

Left In: -133.271 ± 19.968 χ^2/NDF : 17.6/22

Left: -146.438 ± 13.913 χ^2/NDF : 43.7/46

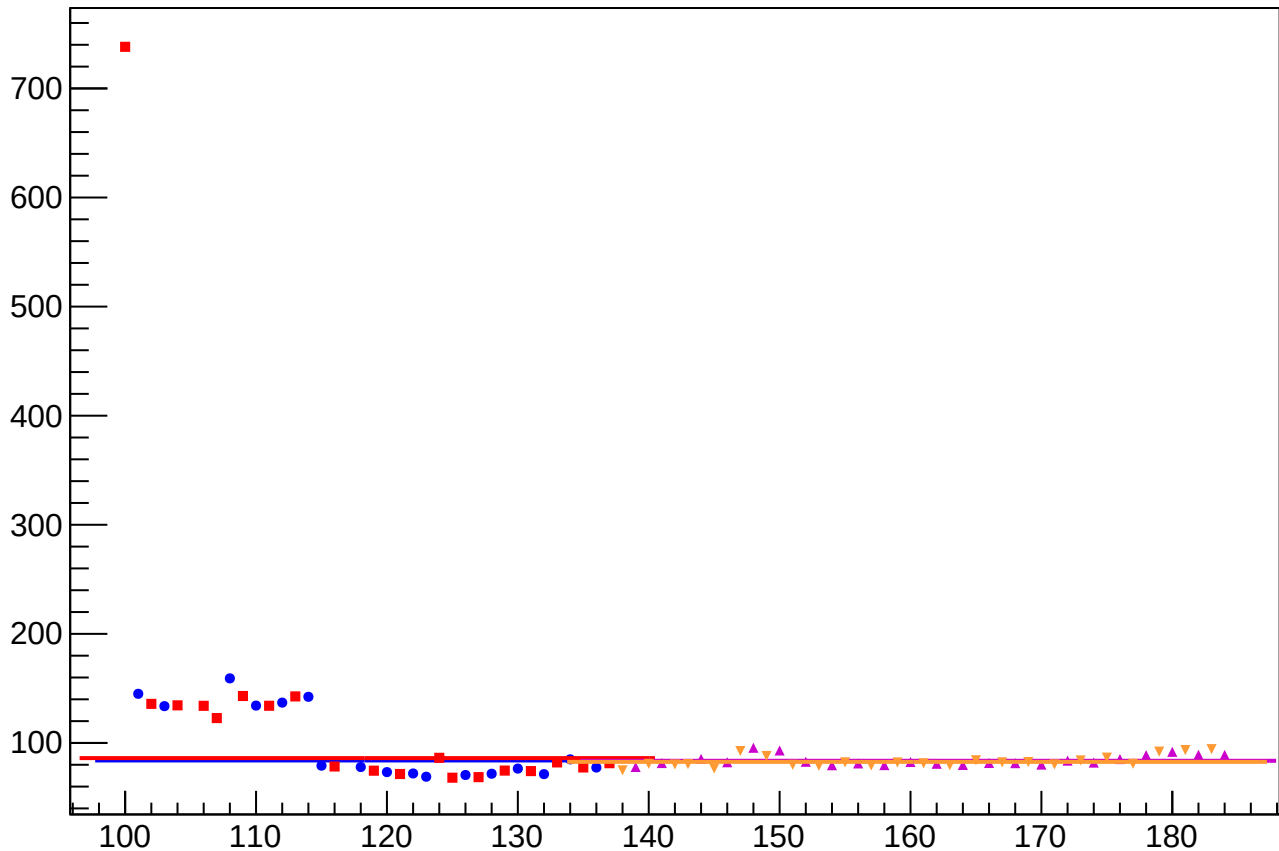
Right: 15.432 ± 23.852 χ^2/NDF : 39.3/35

In: -91.563 ± 17.169 χ^2/NDF : 48.9/39

Out: -118.587 ± 16.827 χ^2/NDF : 67.2/42

All: -105.347 ± 12.018 χ^2/NDF : 117.4/82

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 82.662 $\pm$ 0.014 χ^2 /NDF:126742.6/23

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 83.657 $\pm$ 0.014 χ^2 /NDF:101606.4/22

Left: 83.145 $\pm$ 0.010 χ^2 /NDF: 230902.5/46

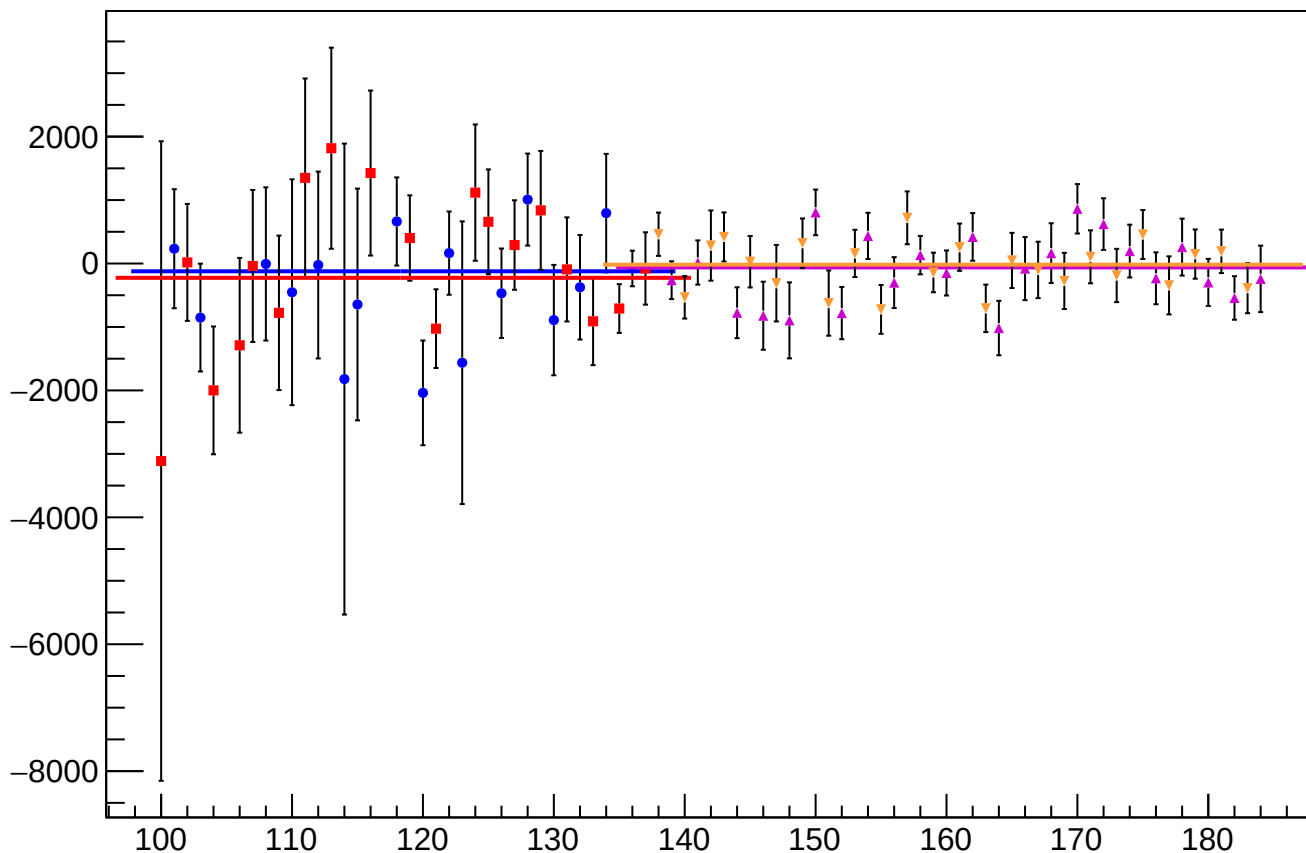
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.736 $\pm$ 0.012 χ^2 /NDF:1061980.7/39

Out: 83.514 $\pm$ 0.012 χ^2 /NDF:1278585.1/42

All: 83.623 $\pm$ 0.008 χ^2 /NDF: 2340735.9/82

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -18.232 $\pm$ 81.371 χ^2 /NDF:23.2/23

Right Out: -225.420 $\pm$ 184.973 χ^2 /NDF: 18.3/18

Left In: -61.389 $\pm$ 82.151 χ^2 /NDF:38.0/22

Left: -39.604 $\pm$ 57.812 χ^2 /NDF: 61.4/46

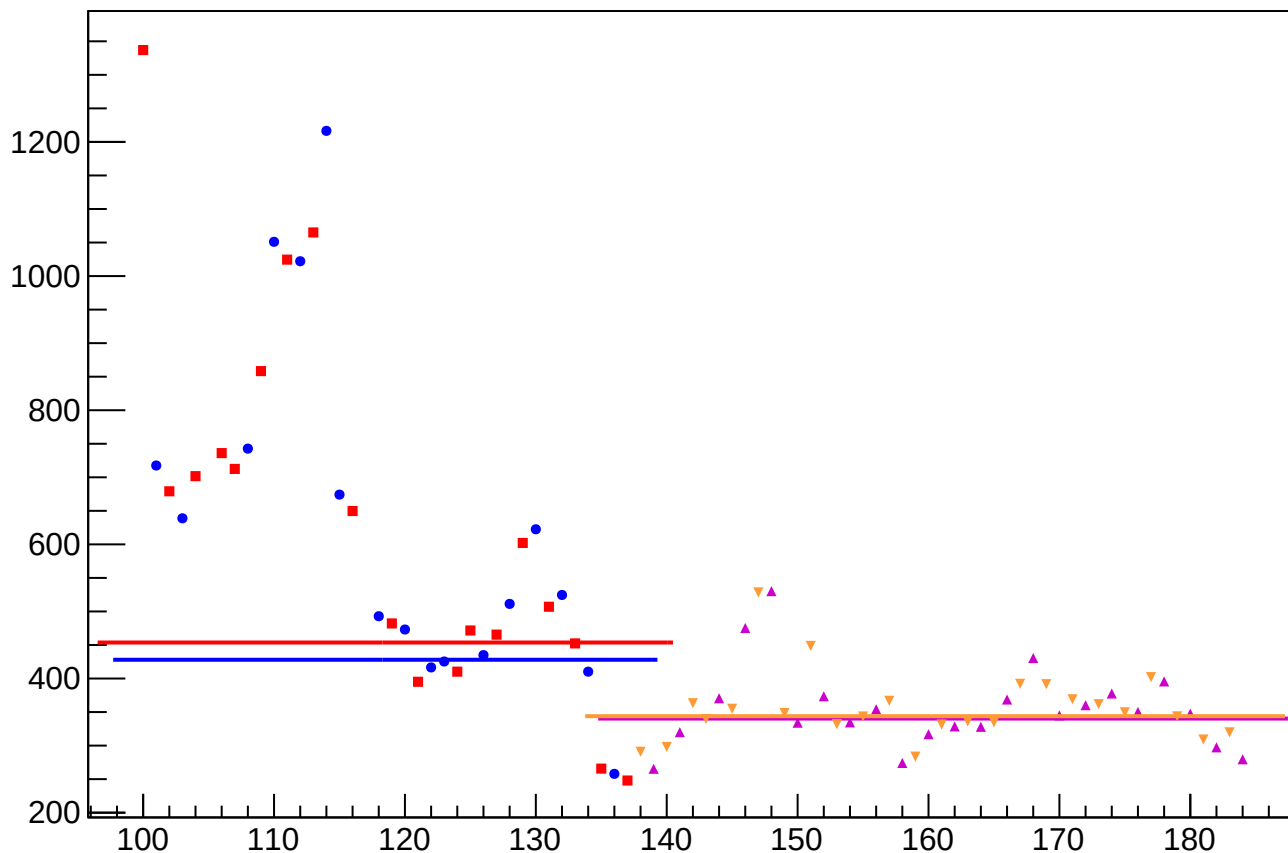
Right: -172.394 $\pm$ 128.849 χ^2 /NDF: 31.5/35

In: -71.948 $\pm$ 74.706 χ^2 /NDF:51.2/39

Out: -51.825 $\pm$ 74.483 χ^2 /NDF:42.6/42

All: -61.857 $\pm$ 52.746 χ^2 /NDF: 93.8/82

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 343.868 $\pm$ 0.058 χ^2 /NDF: 566856.8/23

Right Out: 453.699 $\pm$ 0.131 χ^2 /NDF: 2134547.2/18

Left In: 340.311 $\pm$ 0.058 χ^2 /NDF: 789089.8/22

Left: 342.107 $\pm$ 0.041 χ^2 /NDF: 1357838.9/46

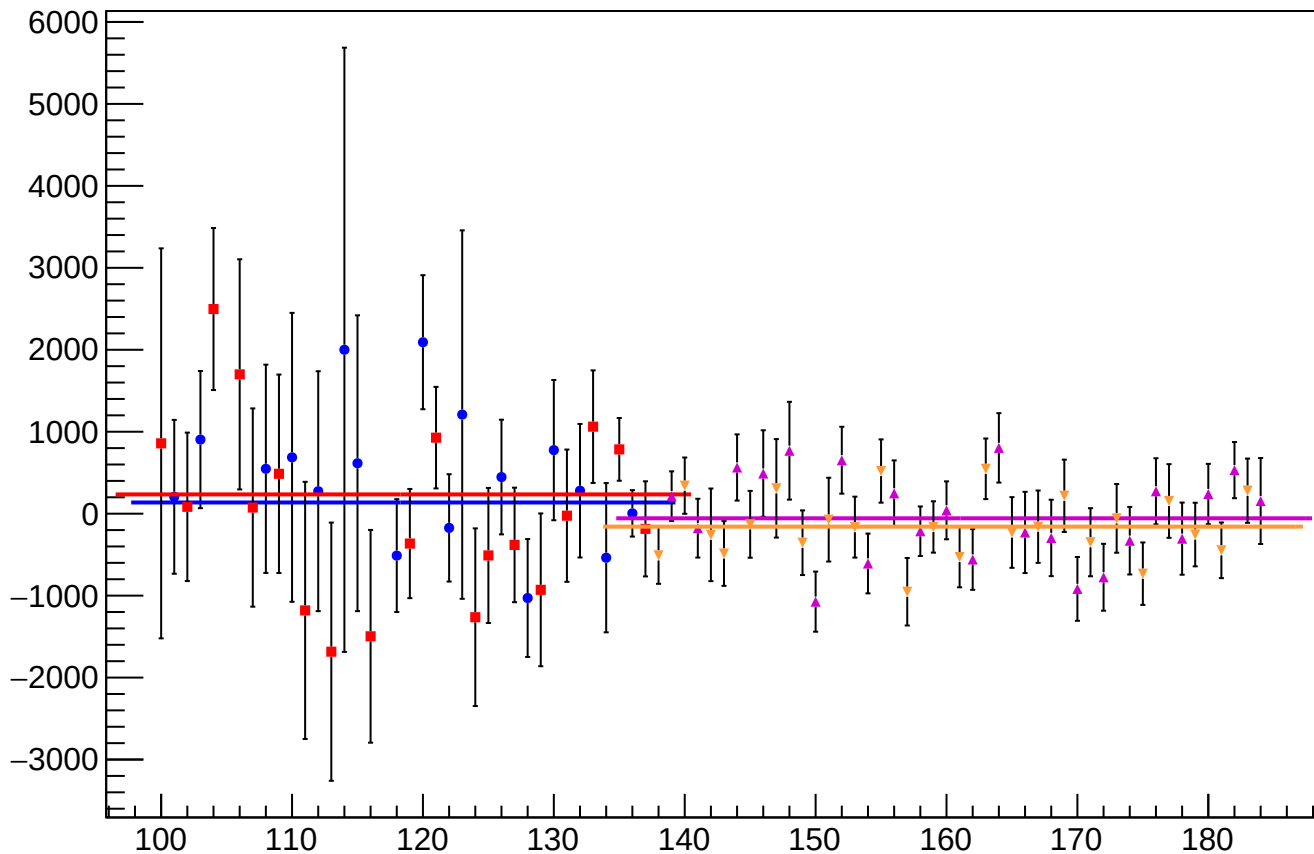
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 355.483 $\pm$ 0.053 χ^2 /NDF: 3245524.4/39

Out: 361.676 $\pm$ 0.053 χ^2 /NDF: 3292192.5/42

All: 358.589 $\pm$ 0.037 χ^2 /NDF: 6544609.6/82

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -158.026 $\pm$ 81.417 χ^2/NDF : 22.0/23

Right Out: 235.334 $\pm$ 184.025 χ^2/NDF : 21.8/18

Left In: -56.402 $\pm$ 82.155 χ^2/NDF : 39.7/22

Left: -107.673 $\pm$ 57.830 χ^2/NDF : 62.5/46

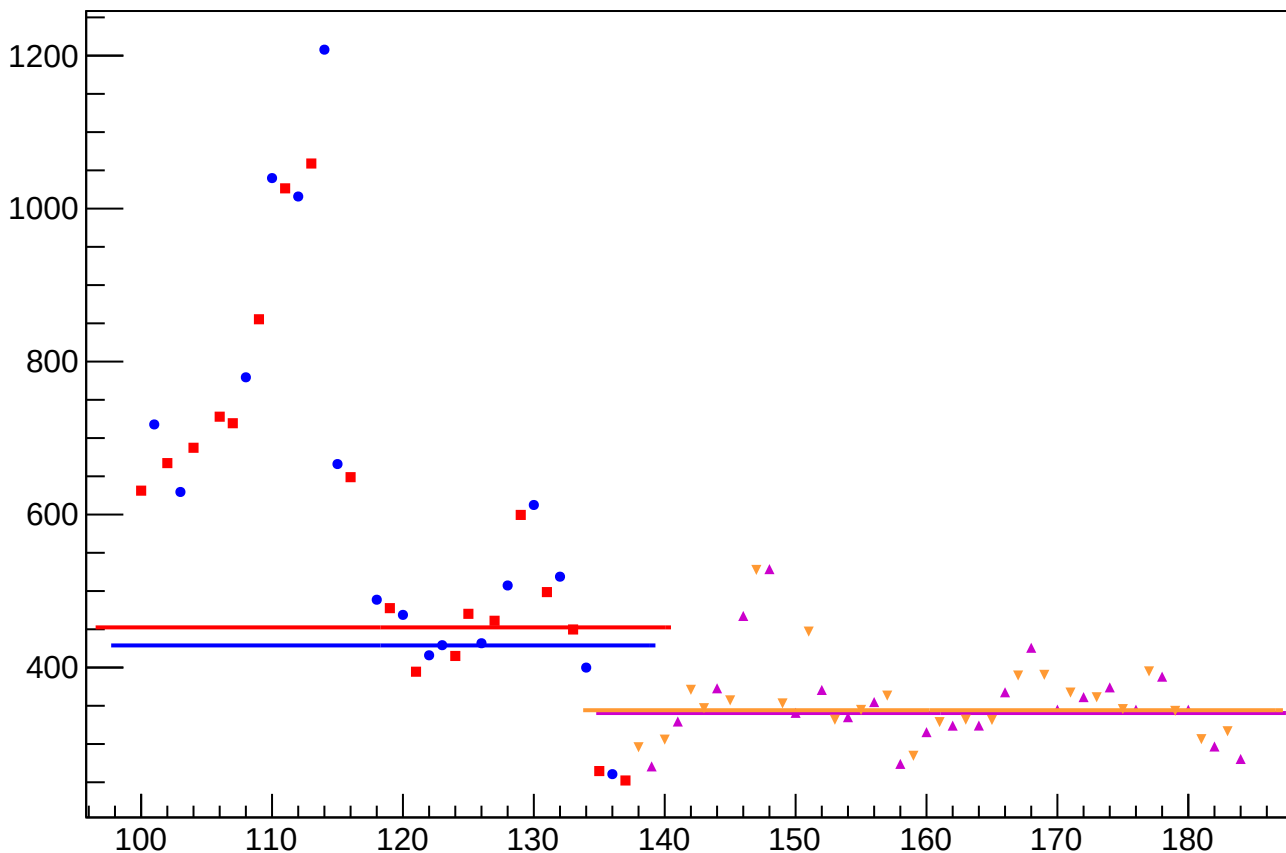
Right: 184.875 $\pm$ 128.536 χ^2/NDF : 34.6/35

In: -22.972 $\pm$ 74.710 χ^2/NDF : 53.3/39

Out: -93.635 $\pm$ 74.456 χ^2/NDF : 47.7/42

All: -58.424 $\pm$ 52.738 χ^2/NDF : 101.4/82

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 344.192+/-0.058 χ^2/NDF : 537957.0/23

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 340.519+/-0.058 χ^2/NDF : 737049.6/22

Left: 342.372+/-0.041 χ^2/NDF : 1277023.3/46

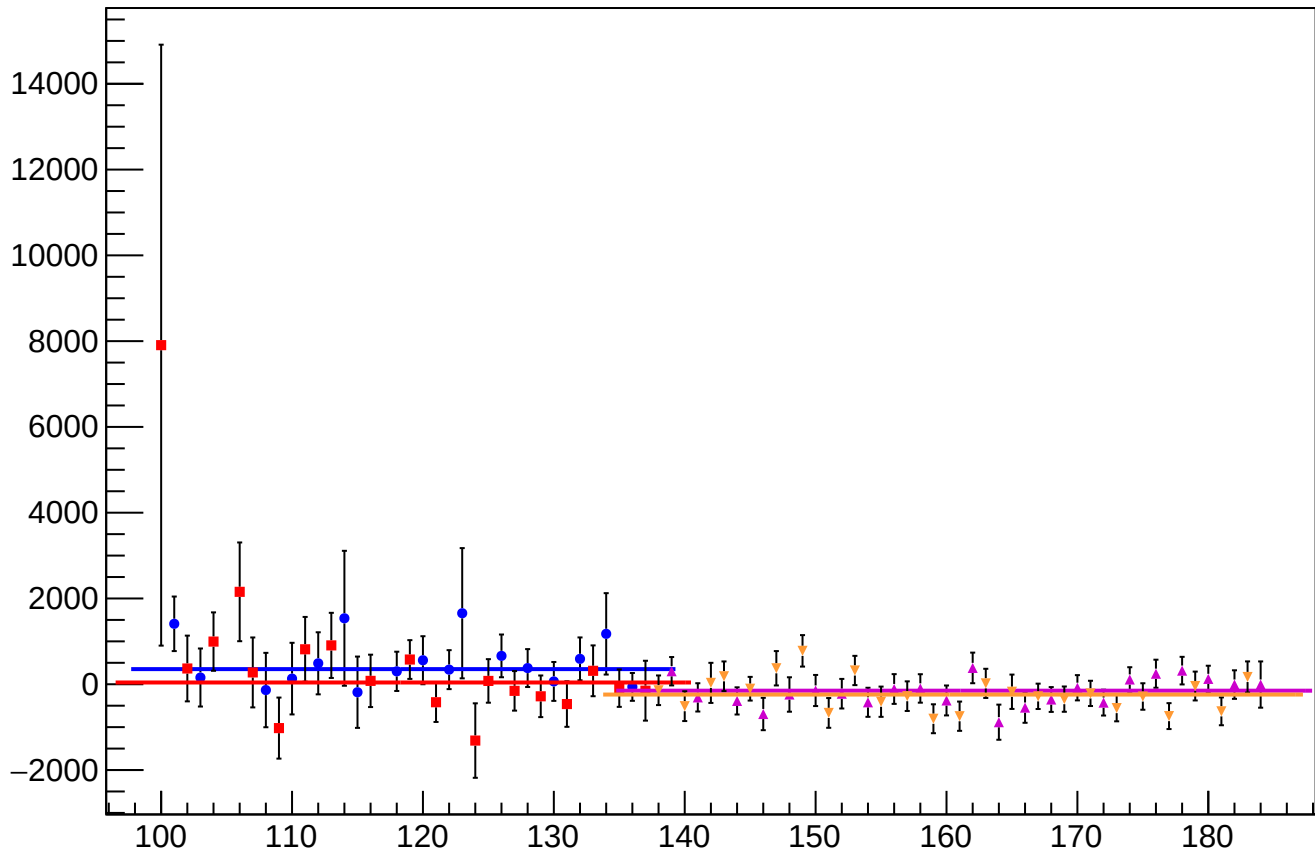
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 355.809+/-0.053 χ^2/NDF : 3148026.6/39

Out: 361.920+/-0.053 χ^2/NDF : 3159284.5/42

All: 358.875+/-0.037 χ^2/NDF : 6314022.8/82

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927+/-137.298 χ^2/NDF : 8.5/16

Left Out: -240.307+/-68.313 χ^2/NDF :30.0/23

Right Out: 41.079+/-138.996 χ^2/NDF : 18.2/18

Left In: -149.974+/-70.280 χ^2/NDF :19.5/22

Left: -196.422+/-48.985 χ^2/NDF : 50.3/46

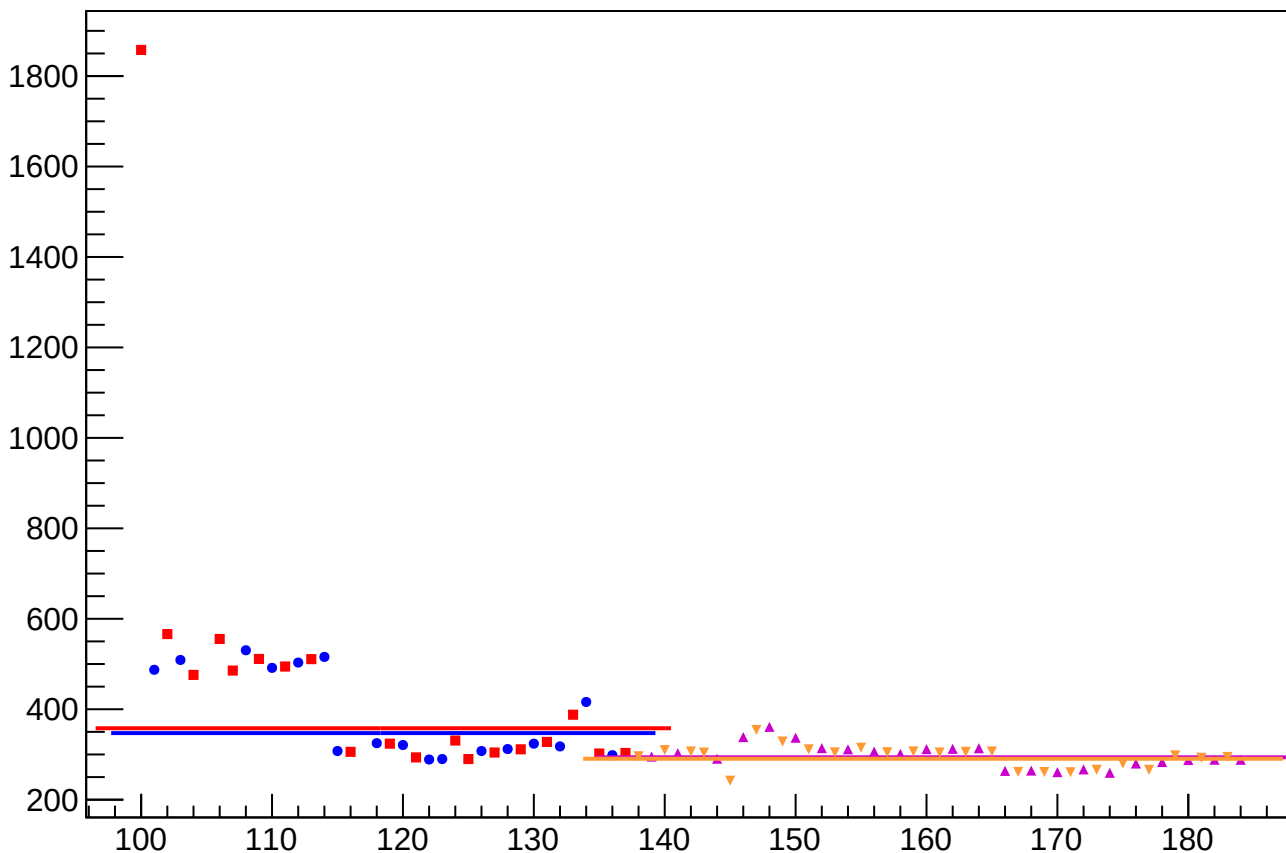
Right: 198.919+/-97.679 χ^2/NDF : 29.3/35

In: -45.562+/-62.560 χ^2/NDF :38.7/39

Out: -185.562+/-61.309 χ^2/NDF :51.5/42

All: -116.977+/-43.788 χ^2/NDF : 92.7/82

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 290.553 $\pm$ 0.048 χ^2 /NDF: 273711.1/23

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 293.772 $\pm$ 0.050 χ^2 /NDF: 257410.6/22

Left: 292.117 $\pm$ 0.035 χ^2 /NDF: 533279.3/46

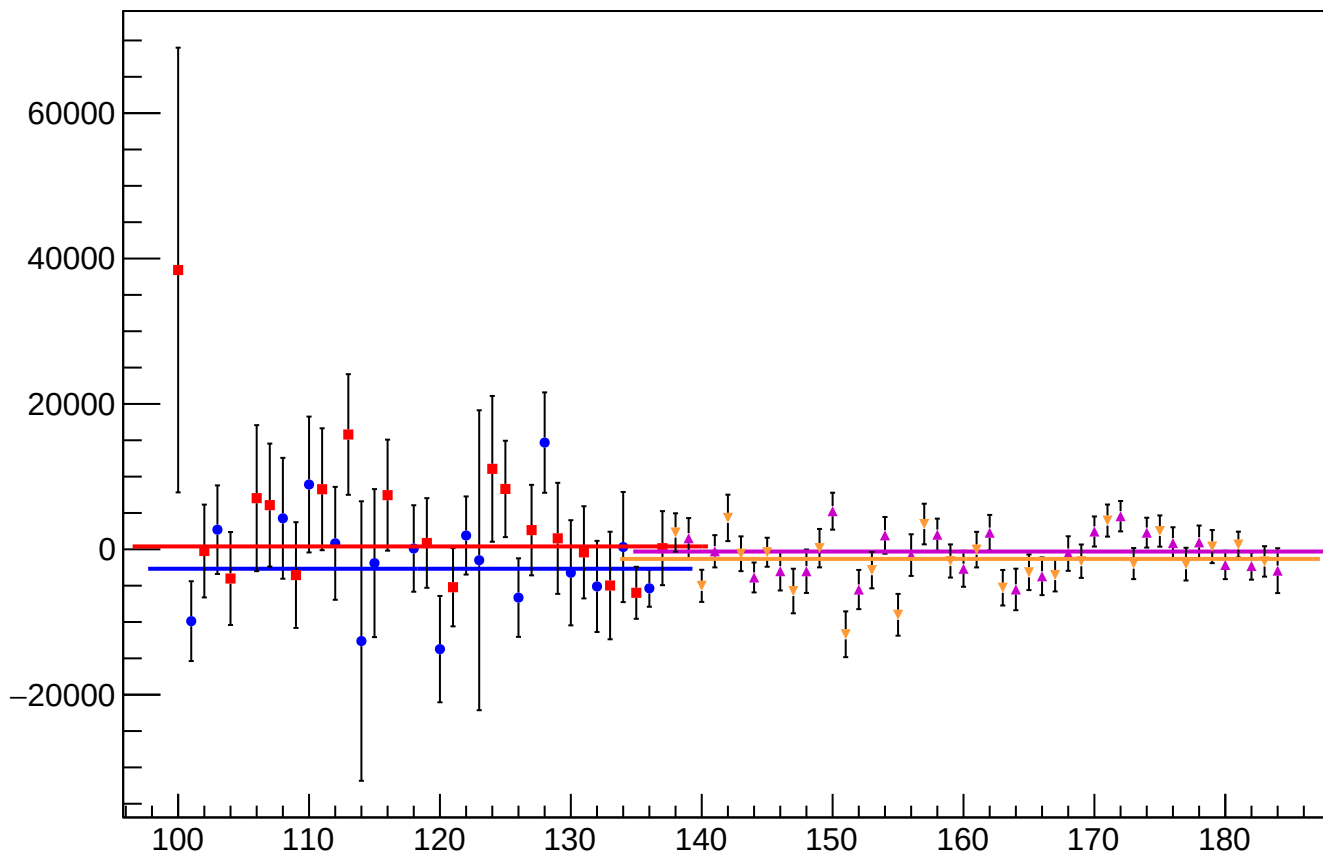
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 304.881 $\pm$ 0.044 χ^2 /NDF: 1117015.1/39

Out: 303.666 $\pm$ 0.043 χ^2 /NDF: 1504163.7/42

All: 304.261 $\pm$ 0.031 χ^2 /NDF: 2621563.6/82

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1321.458+/-483.069 χ^2/NDF : 47.2/23

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -304.624+/-492.139 χ^2/NDF : 35.0/22

Left: -822.498+/-344.743 χ^2/NDF : 84.3/46

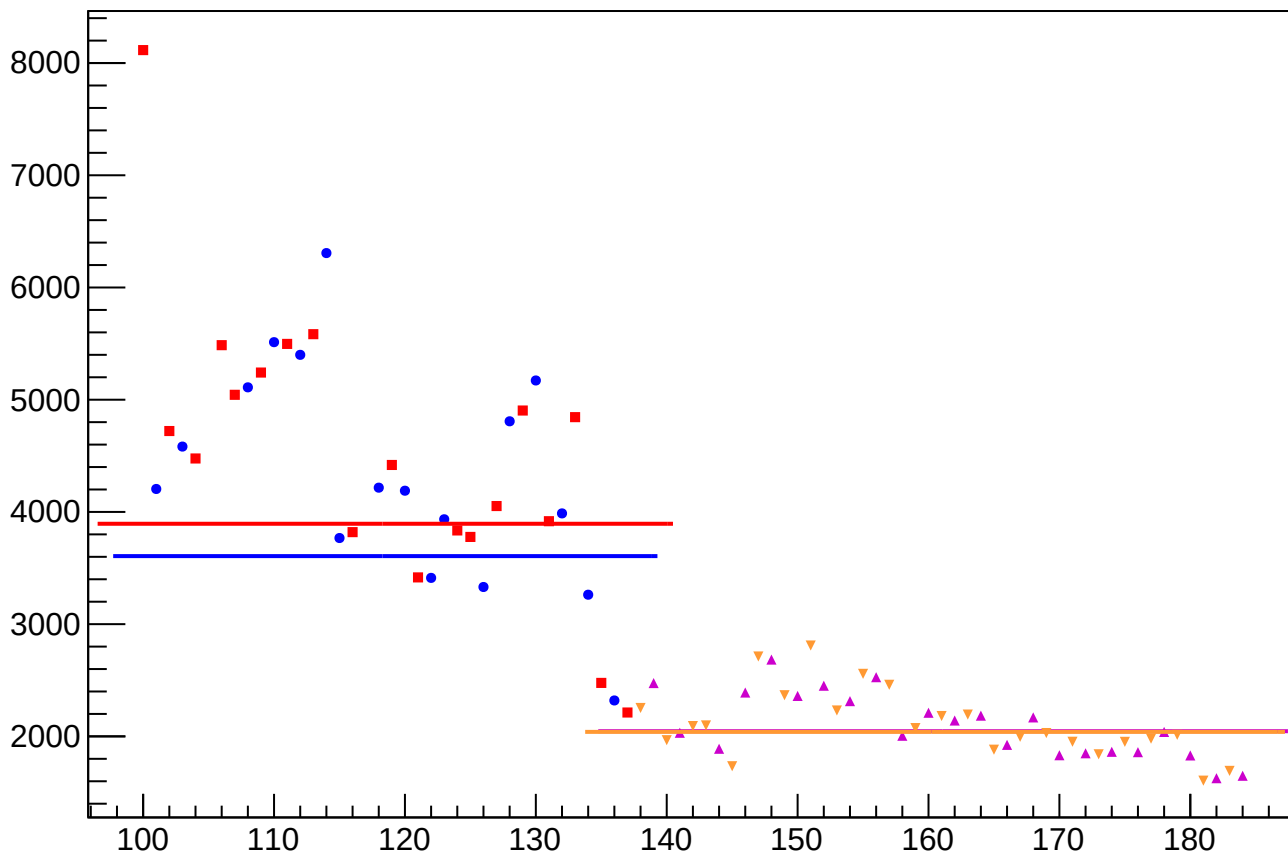
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -547.514+/-466.232 χ^2/NDF : 54.1/39

Out: -1162.917+/-460.266 χ^2/NDF : 64.2/42

All: -859.178+/-327.546 χ^2/NDF : 119.2/82

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2/NDF : 1092516.6/16

Left Out: 2040.115 $\pm$ 0.342 χ^2/NDF : 656113.3/23

Right Out: 3894.596 $\pm$ 1.072 χ^2/NDF : 1032752.3/18

Left In: 2046.135 $\pm$ 0.348 χ^2/NDF : 593551.6/22

Left: 2043.069 $\pm$ 0.244 χ^2/NDF : 1249817.3/46

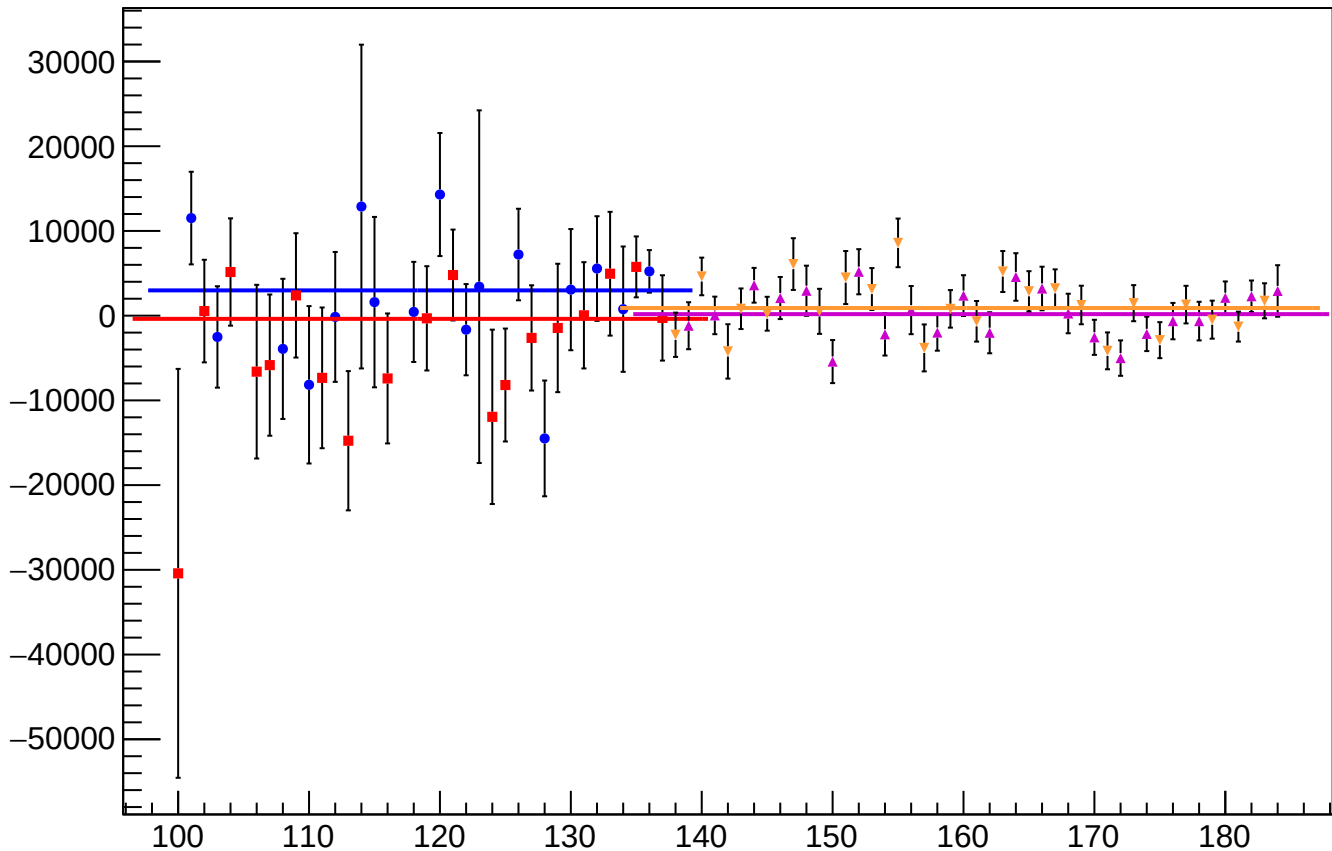
Right: 3744.683 $\pm$ 0.743 χ^2/NDF : 2162873.5/35

In: 2206.075 $\pm$ 0.330 χ^2/NDF : 3746690.6/39

Out: 2211.061 $\pm$ 0.325 χ^2/NDF : 4405897.0/42

All: 2208.600 $\pm$ 0.232 χ^2/NDF : 8152703.4/82

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 905.954+/-478.643 χ^2/NDF : 38.2/23

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: 180.087+/-486.112 χ^2/NDF : 32.9/22

Left: 548.639+/-341.062 χ^2/NDF : 72.3/46

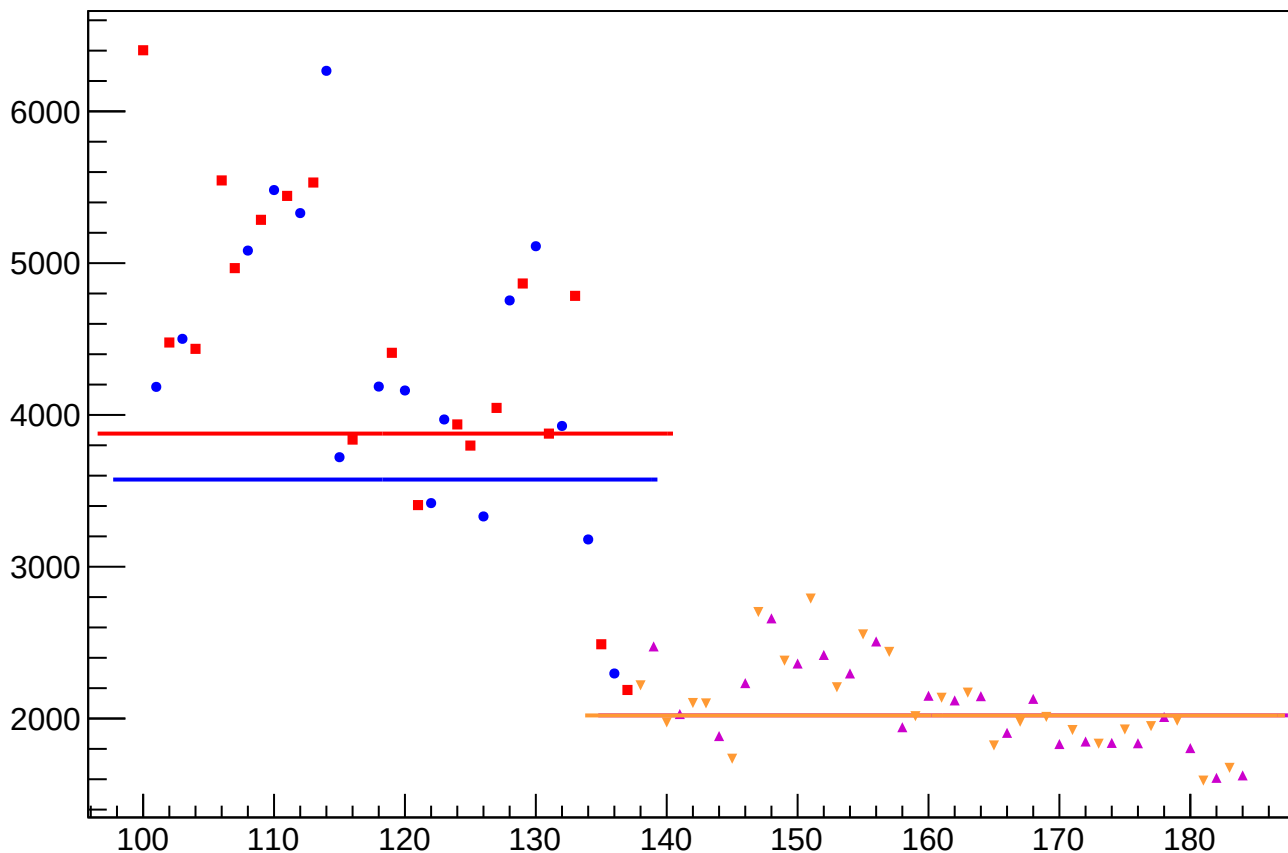
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 465.595+/-460.694 χ^2/NDF : 53.7/39

Out: 788.412+/-456.197 χ^2/NDF : 53.9/42

All: 628.587+/-324.158 χ^2/NDF : 107.9/82

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2020.378+/-0.338 χ^2 /NDF: 666696.6/23

Right Out: 3877.124+/-1.066 χ^2 /NDF: 990125.2/18

Left In: 2020.887+/-0.344 χ^2 /NDF: 576363.5/22

Left: 2020.629+/-0.241 χ^2 /NDF: 1243061.2/46

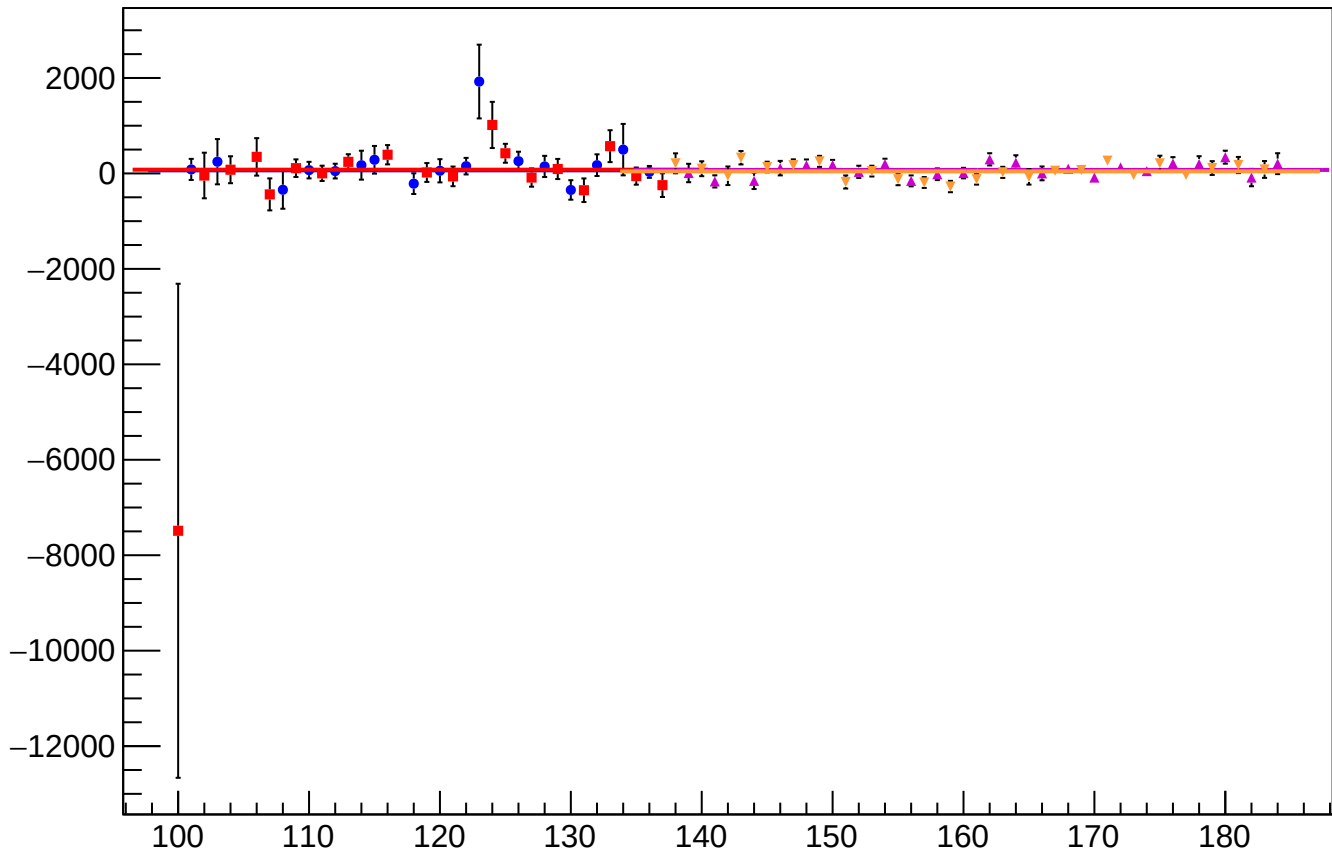
Right: 3719.204+/-0.737 χ^2 /NDF: 2123559.1/35

In: 2179.092+/-0.326 χ^2 /NDF: 3747798.5/39

Out: 2190.439+/-0.323 χ^2 /NDF: 4413347.7/42

All: 2184.821+/-0.229 χ^2 /NDF: 8161758.9/82

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 43.650+/-24.377 χ^2/NDF : 38.4/23

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 73.305+/-25.388 χ^2/NDF : 27.6/22

Left: 57.875+/-17.584 χ^2/NDF : 66.7/46

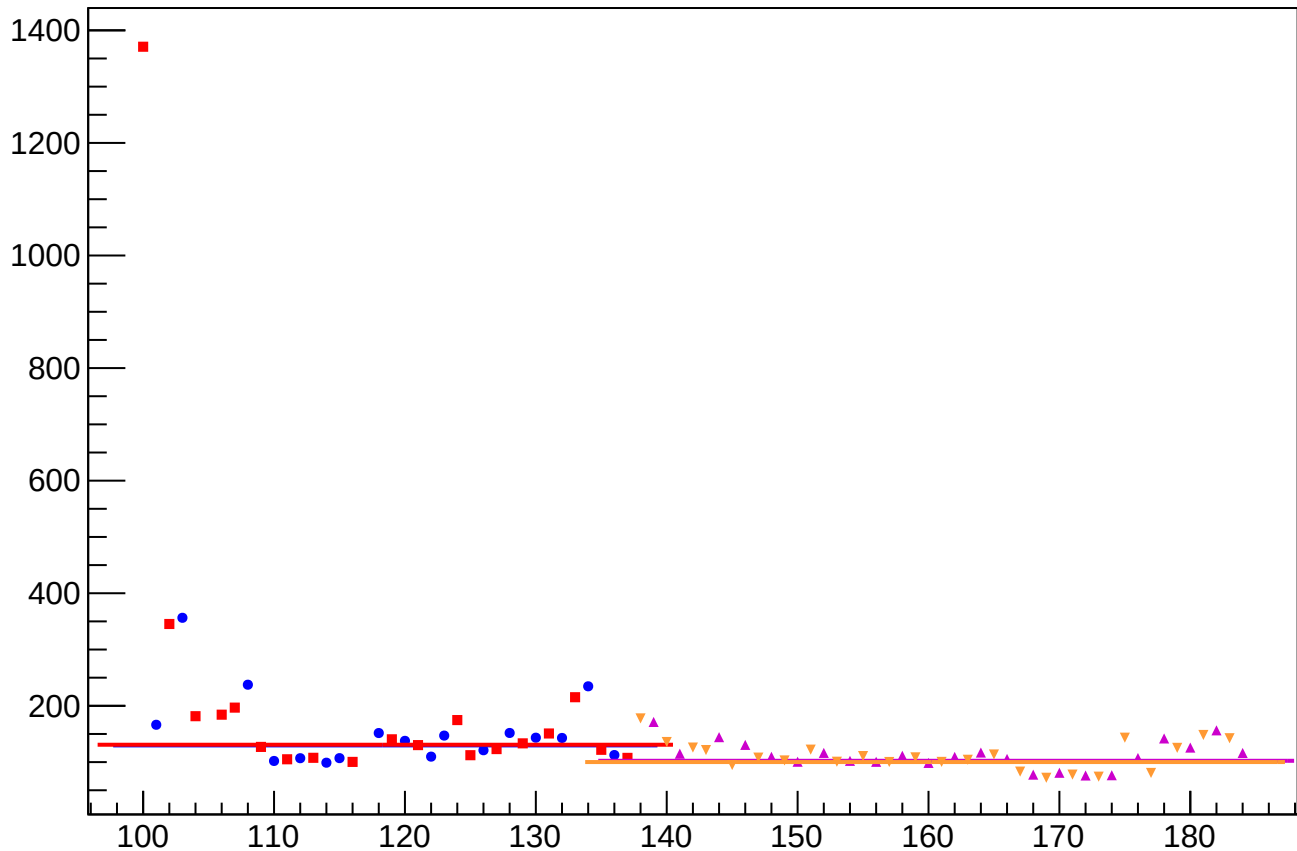
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 71.783+/-22.873 χ^2/NDF : 43.3/39

Out: 49.897+/-22.098 χ^2/NDF : 63.1/42

All: 60.463+/-15.892 χ^2/NDF : 106.9/82

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 100.115 $\pm$ 0.017 χ^2 /NDF: 1736767.7/23

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 102.345 $\pm$ 0.018 χ^2 /NDF: 1527594.6/22

Left: 101.185 $\pm$ 0.012 χ^2 /NDF: 3272396.8/46

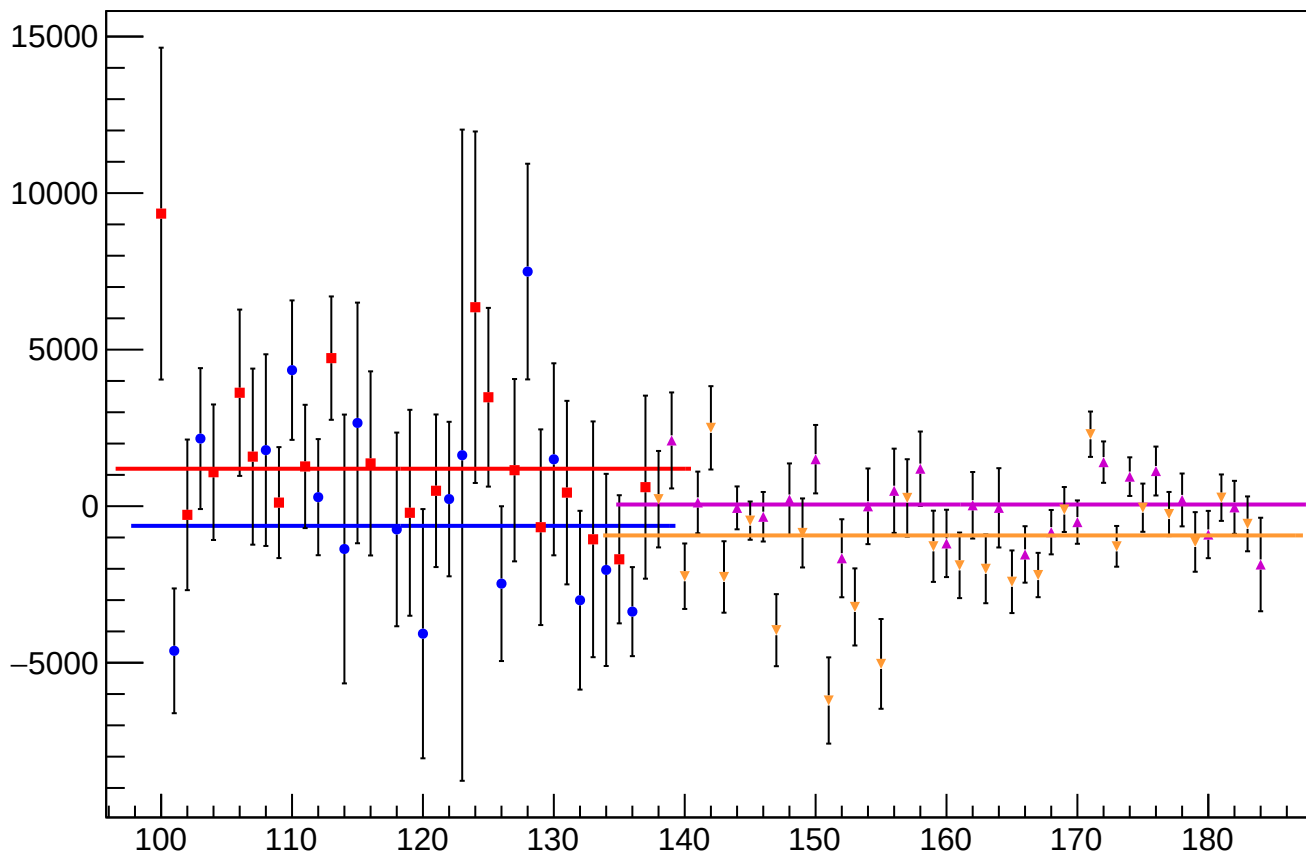
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 107.498 $\pm$ 0.016 χ^2 /NDF: 2954510.0/39

Out: 105.598 $\pm$ 0.016 χ^2 /NDF: 3346844.7/42

All: 106.515 $\pm$ 0.011 χ^2 /NDF: 6308488.4/82

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2 /NDF: 24.3/16

Left Out: -933.996+/-186.040 χ^2 /NDF:78.8/23

Right Out: 1196.185+/-595.685 χ^2 /NDF: 11.8/18

Left In: 53.413+/-187.000 χ^2 /NDF:24.9/22

Left: -442.833+/-131.888 χ^2 /NDF: 117.7/46

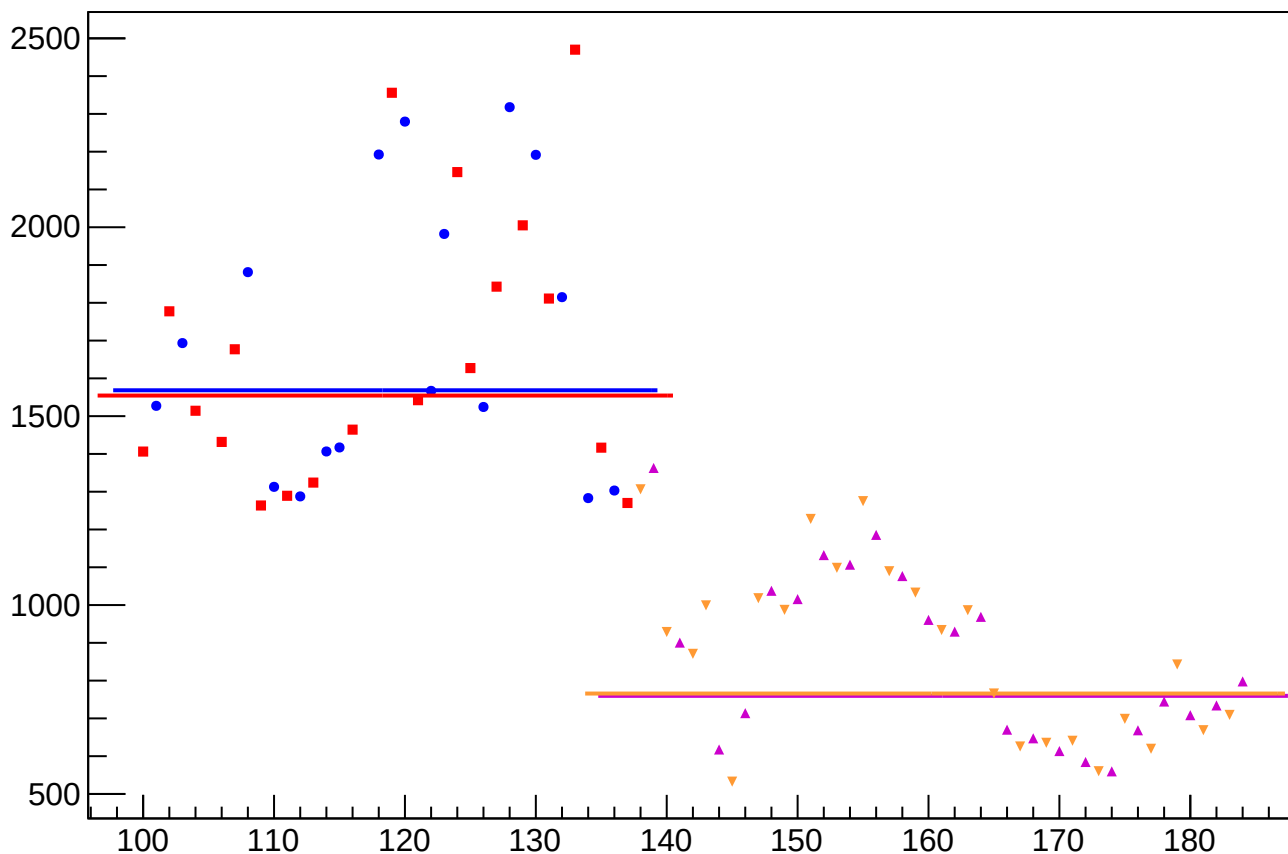
Right: 322.661+/-430.045 χ^2 /NDF: 40.5/35

In: -3.172+/-179.070 χ^2 /NDF:50.3/39

Out: -744.684+/-177.581 χ^2 /NDF:102.2/42

All: -377.024+/-126.092 χ^2 /NDF: 161.1/82

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 765.786+/-0.132 χ^2/NDF : 2422489.2/23

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 759.696+/-0.132 χ^2/NDF : 2080981.0/22

Left: 762.757+/-0.093 χ^2/NDF : 4504536.0/46

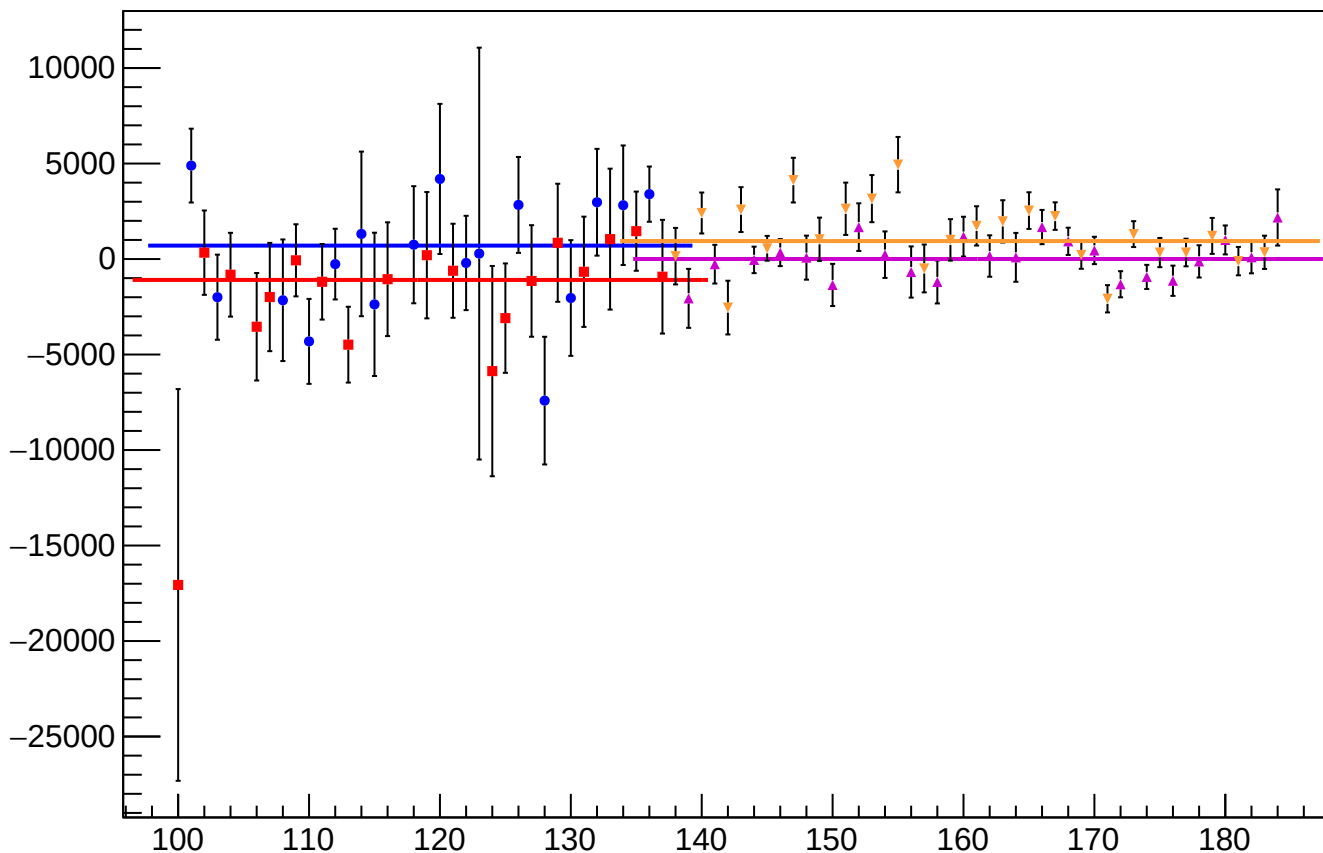
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 826.841+/-0.127 χ^2/NDF : 5721108.7/39

Out: 835.882+/-0.126 χ^2/NDF : 6129344.3/42

All: 831.399+/-0.089 χ^2/NDF : 11853023.1/82

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2/NDF : 26.0/16

Left Out: 942.464 $\pm$ 188.039 χ^2/NDF : 62.3/23

Right Out: -1093.862 $\pm$ 603.204 χ^2/NDF : 10.6/18

Left In: 2.470 $\pm$ 187.271 χ^2/NDF : 25.6/22

Left: 470.545 $\pm$ 132.691 χ^2/NDF : 100.5/46

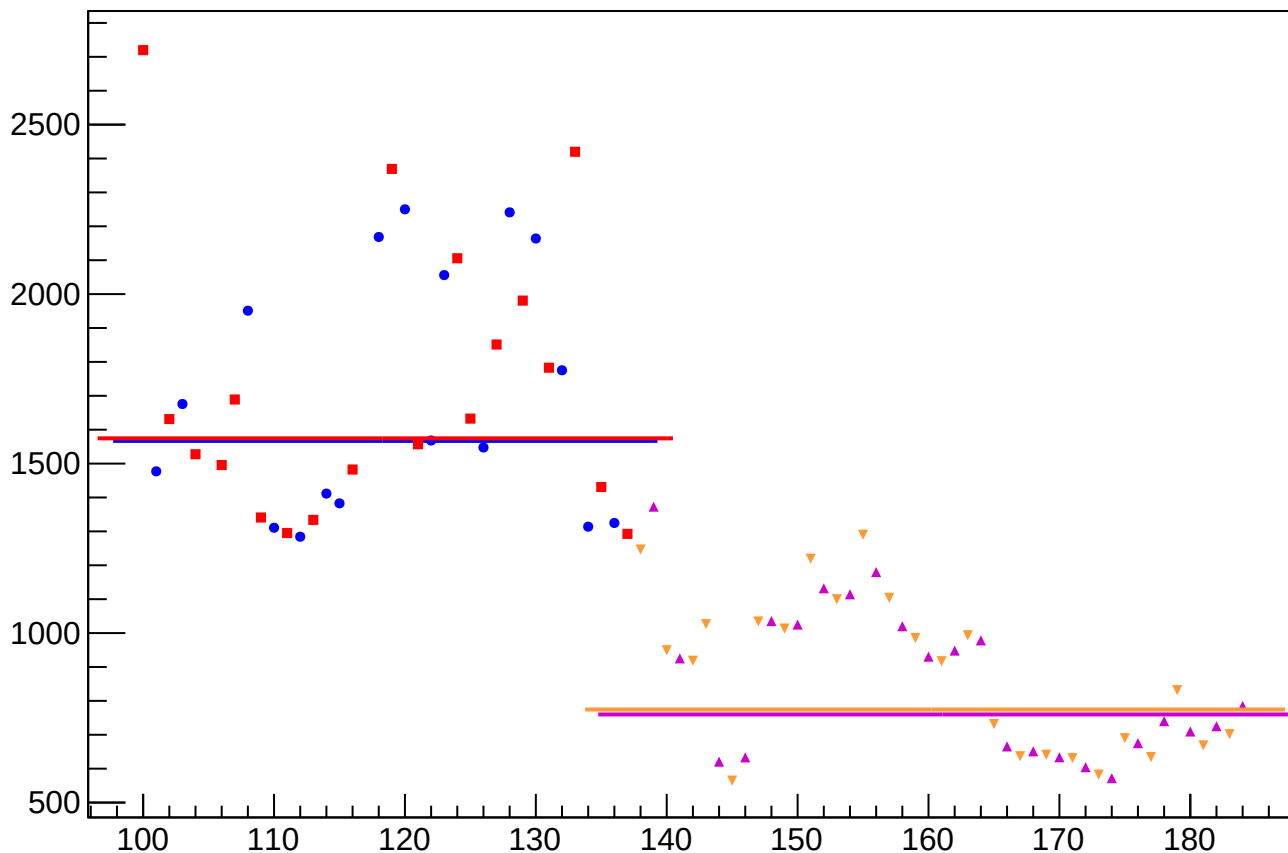
Right: -220.967 $\pm$ 432.555 χ^2/NDF : 40.9/35

In: 60.936 $\pm$ 179.287 χ^2/NDF : 52.8/39

Out: 762.106 $\pm$ 179.518 χ^2/NDF : 83.3/42

All: 411.069 $\pm$ 126.857 χ^2/NDF : 143.7/82

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 774.511 $\pm$ 0.133 χ^2 /NDF: 2245999.1/23

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

Left: 767.193 $\pm$ 0.094 χ^2 /NDF: 4266736.1/46

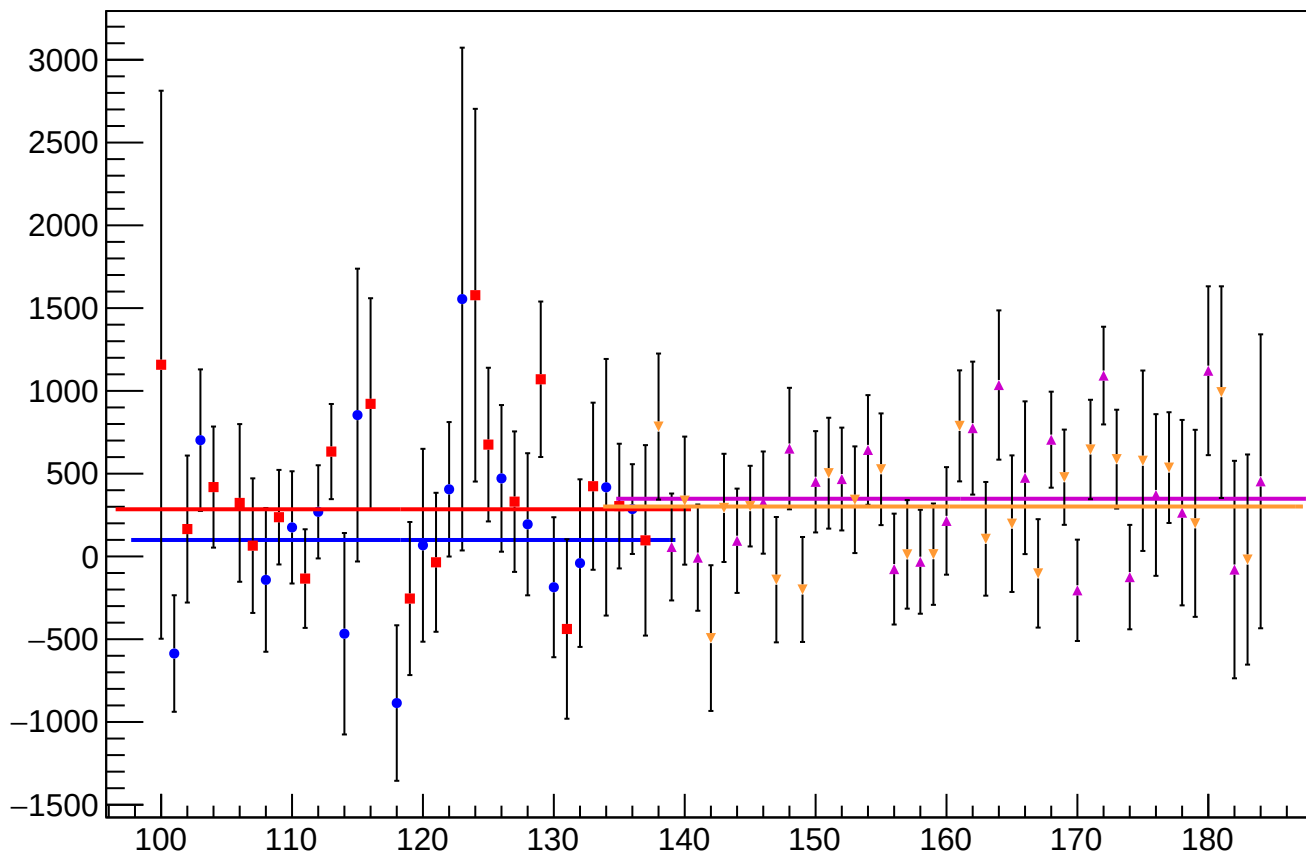
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 827.282 $\pm$ 0.127 χ^2 /NDF: 5613992.7/39

Out: 845.369 $\pm$ 0.127 χ^2 /NDF: 5916700.3/42

All: 836.314 $\pm$ 0.090 χ^2 /NDF: 11540856.7/82

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 301.537 $\pm$ 71.649 χ^2 /NDF:19.7/23

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 348.428 $\pm$ 74.384 χ^2 /NDF:27.4/22

Left: 324.104 $\pm$ 51.603 χ^2 /NDF: 47.2/46

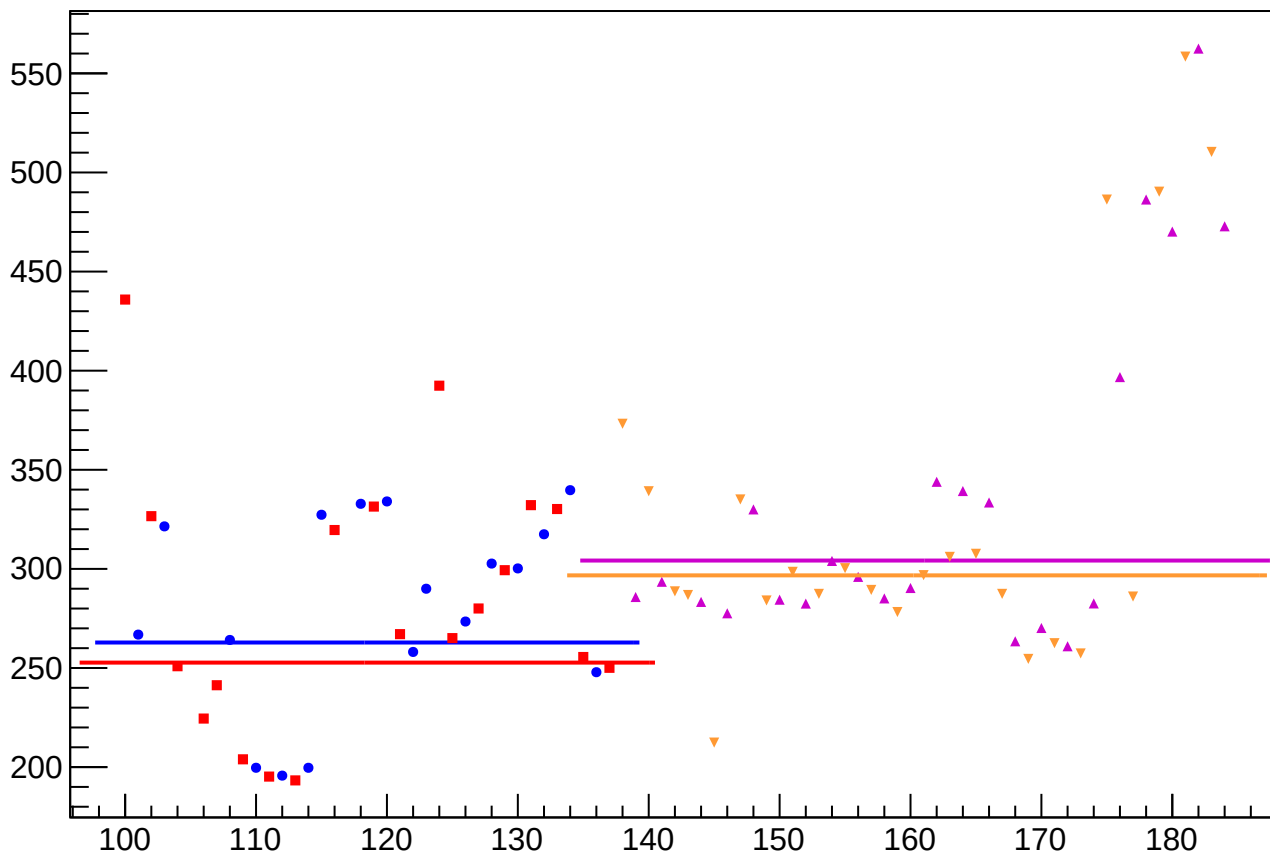
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 263.567 $\pm$ 60.396 χ^2 /NDF:47.1/39

Out: 295.714 $\pm$ 57.779 χ^2 /NDF:33.7/42

All: 280.351 $\pm$ 41.750 χ^2 /NDF: 80.9/82

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 296.734 $\pm$ 0.051 χ^2 /NDF:1509514.4/23

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

Left In: 304.211 $\pm$ 0.053 χ^2 /NDF:1105493.1/22

Left: 300.333 $\pm$ 0.036 χ^2 /NDF: 2625488.8/46

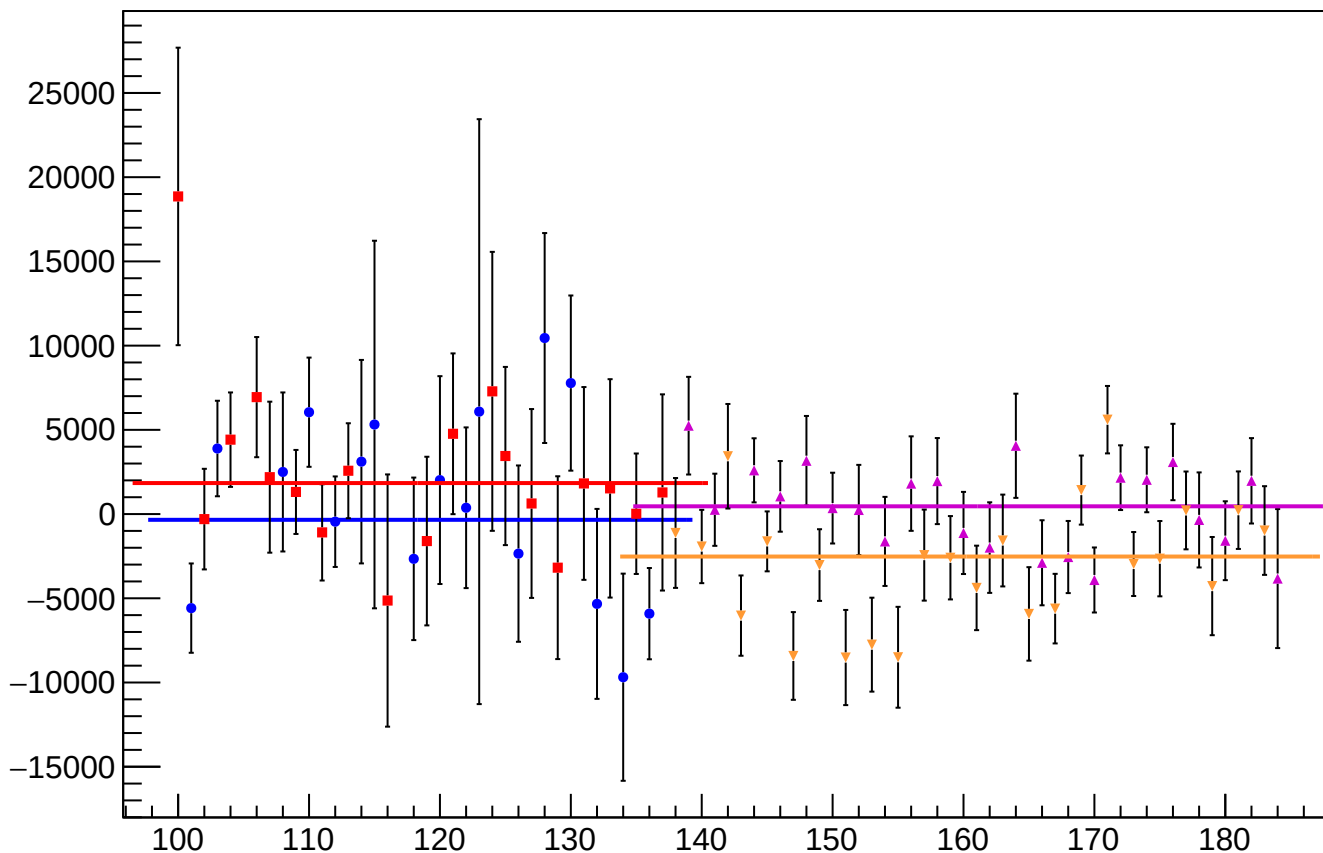
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 290.119 $\pm$ 0.043 χ^2 /NDF:1727837.6/39

Out: 281.343 $\pm$ 0.041 χ^2 /NDF:2313164.2/42

All: 285.537 $\pm$ 0.030 χ^2 /NDF: 4063050.9/82

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2/NDF : 24.4/16

Left Out: -2521.563 $\pm$ 488.162 χ^2/NDF : 51.8/23

Right Out: 1840.596 $\pm$ 924.746 χ^2/NDF : 11.7/18

Left In: 460.244 $\pm$ 494.914 χ^2/NDF : 22.9/22

Left: -1051.136 $\pm$ 347.545 χ^2/NDF : 93.0/46

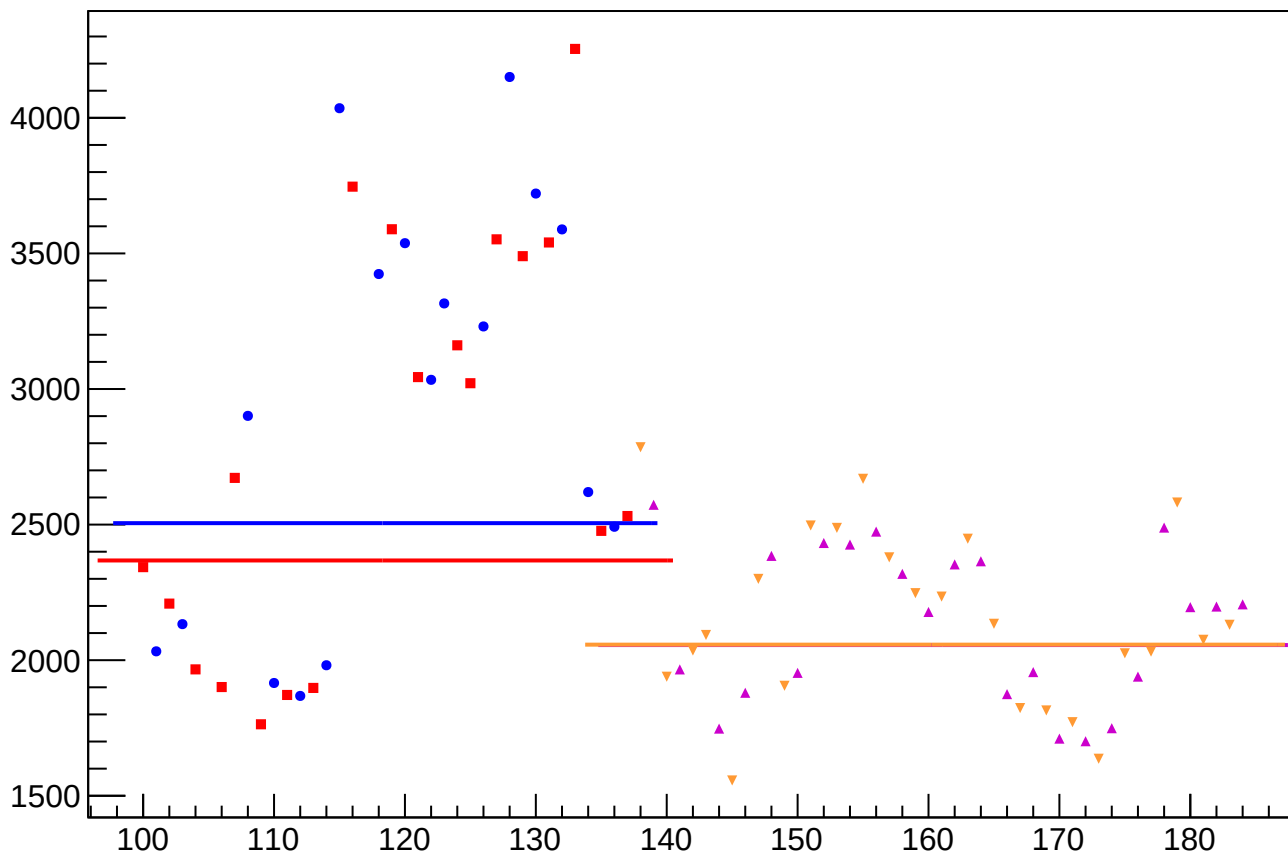
Right: 839.728 $\pm$ 680.387 χ^2/NDF : 38.7/35

In: 303.663 $\pm$ 443.965 χ^2/NDF : 47.8/39

Out: -1570.897 $\pm$ 431.704 χ^2/NDF : 80.9/42

All: -659.860 $\pm$ 309.505 χ^2/NDF : 137.8/82

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2057.270+/-0.345 χ^2/NDF : 824064.2/23

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2055.758+/-0.350 χ^2/NDF : 628611.0/22

Left: 2056.525+/-0.246 χ^2/NDF : 1452684.6/46

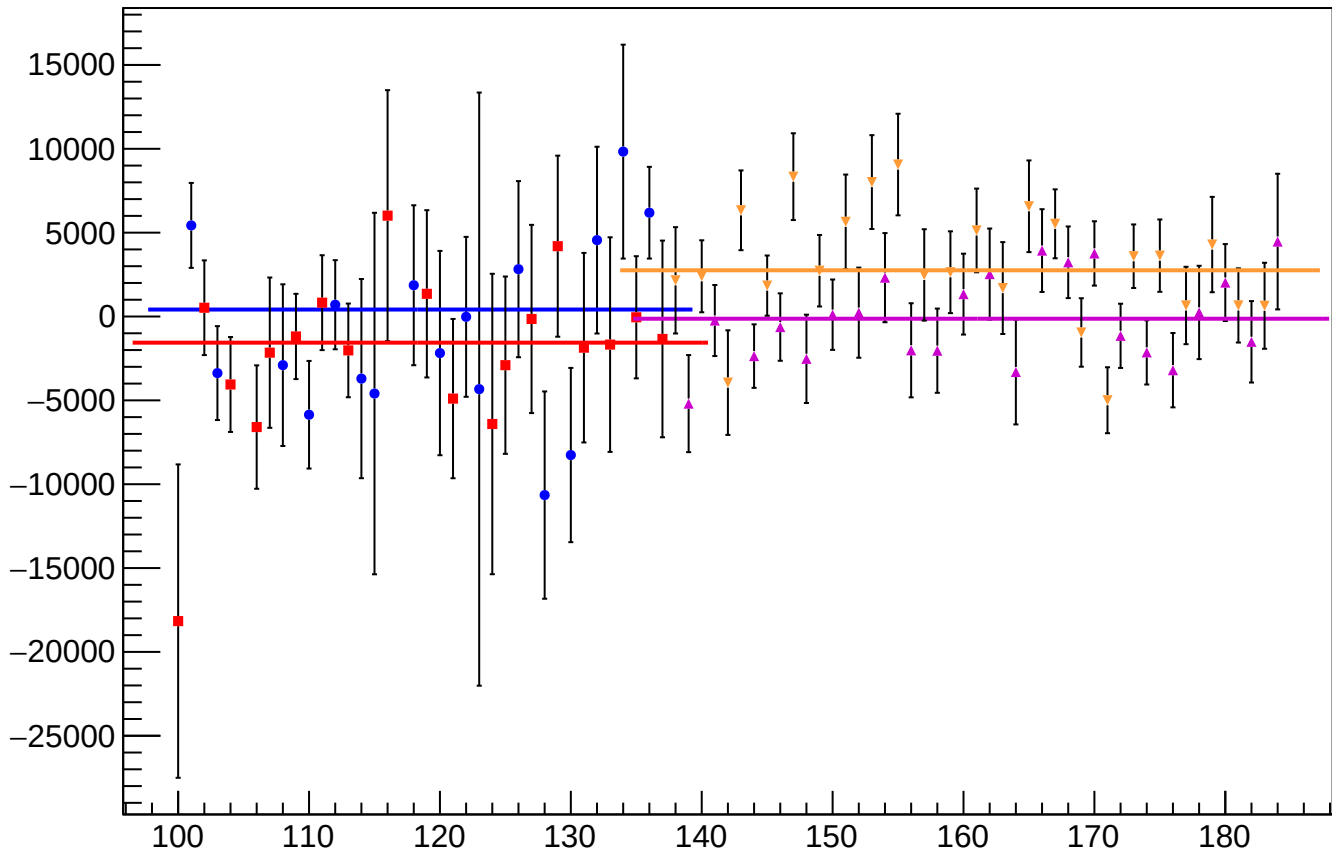
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2143.555+/-0.314 χ^2/NDF : 1815037.0/39

Out: 2124.930+/-0.305 χ^2/NDF : 2031254.4/42

All: 2133.982+/-0.219 χ^2/NDF : 3848100.5/82

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 2755.575 $\pm$ 484.204 χ^2 /NDF:47.5/23

Right Out: -1558.787 $\pm$ 924.438 χ^2 /NDF: 10.7/18

Left In: -132.307 $\pm$ 489.752 χ^2 /NDF:24.7/22

Left: 1328.082 $\pm$ 344.329 χ^2 /NDF: 89.8/46

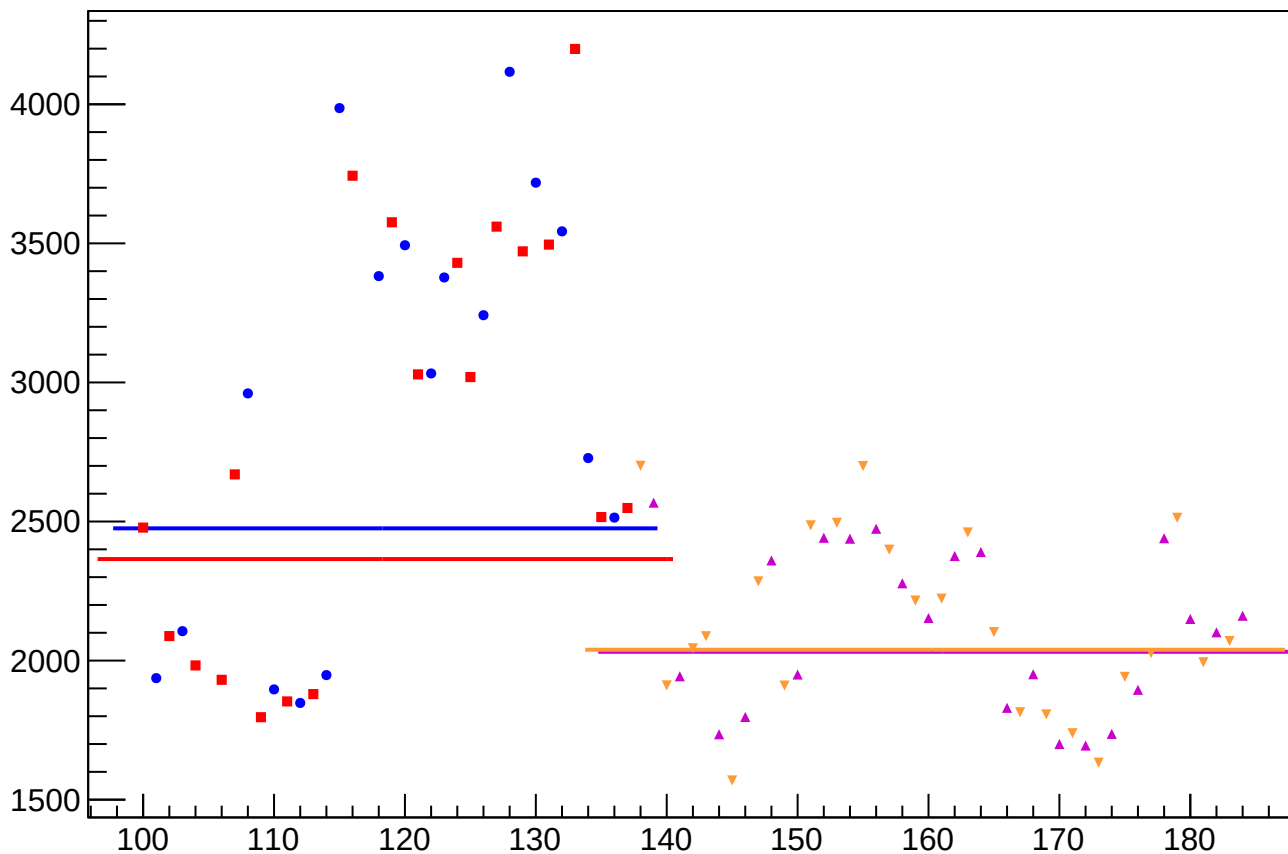
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: -25.447 $\pm$ 439.400 χ^2 /NDF:49.5/39

Out: 1826.758 $\pm$ 428.928 χ^2 /NDF:75.3/42

All: 922.989 $\pm$ 306.933 χ^2 /NDF: 133.9/82

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2038.995 $\pm$ 0.342 χ^2 /NDF: 809876.0/23

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2031.692 $\pm$ 0.346 χ^2 /NDF: 653382.0/22

Left: 2035.385 $\pm$ 0.243 χ^2 /NDF: 1463482.9/46

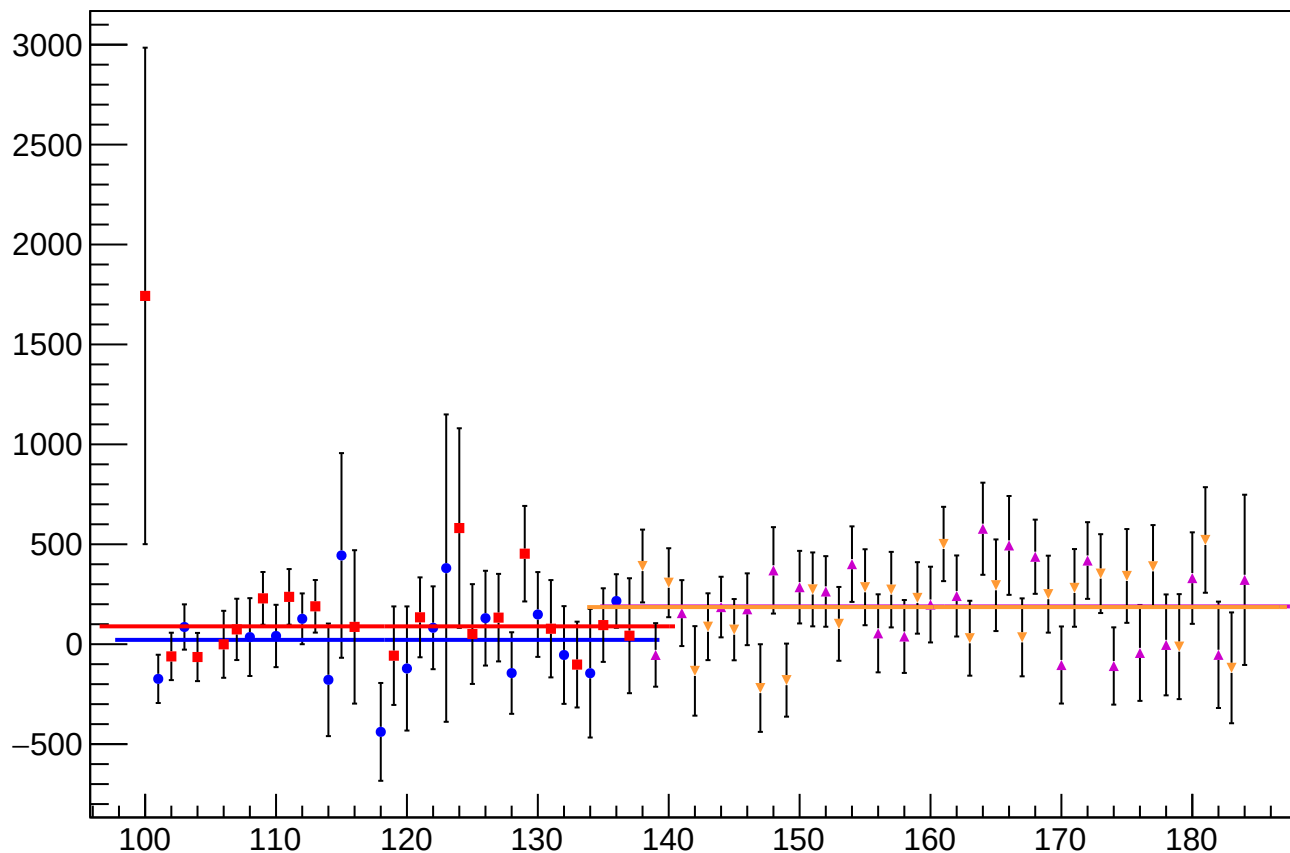
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2118.245 $\pm$ 0.311 χ^2 /NDF: 1886705.9/39

Out: 2109.185 $\pm$ 0.303 χ^2 /NDF: 2032256.9/42

All: 2113.605 $\pm$ 0.217 χ^2 /NDF: 3919398.2/82

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 185.685 $\pm$ 40.050 χ^2 /NDF: 23.4/23

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 189.100 $\pm$ 41.249 χ^2 /NDF: 21.1/22

Left: 187.342 $\pm$ 28.734 χ^2 /NDF: 44.5/46

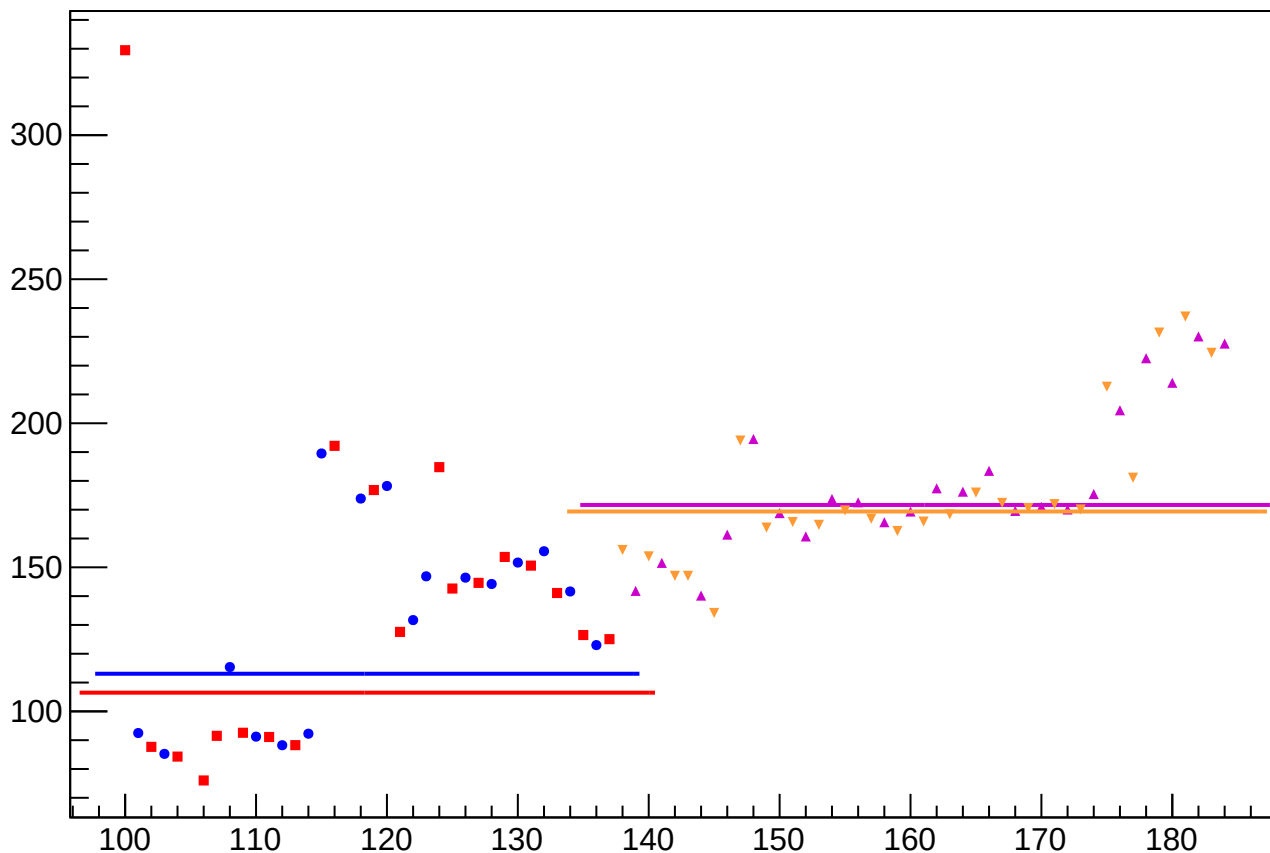
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 112.931 $\pm$ 30.456 χ^2 /NDF: 41.2/39

Out: 139.562 $\pm$ 28.919 χ^2 /NDF: 38.9/42

All: 126.935 $\pm$ 20.971 χ^2 /NDF: 80.5/82

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 +/- 0.032 χ^2/NDF : 820795.9/16

Left Out: 169.377 +/- 0.028 χ^2/NDF : 620325.8/23

Right Out: 106.493 +/- 0.030 χ^2/NDF : 1016224.6/18

Left In: 171.646 +/- 0.029 χ^2/NDF : 552888.4/22

Left: 170.478 +/- 0.020 χ^2/NDF : 1176328.9/46

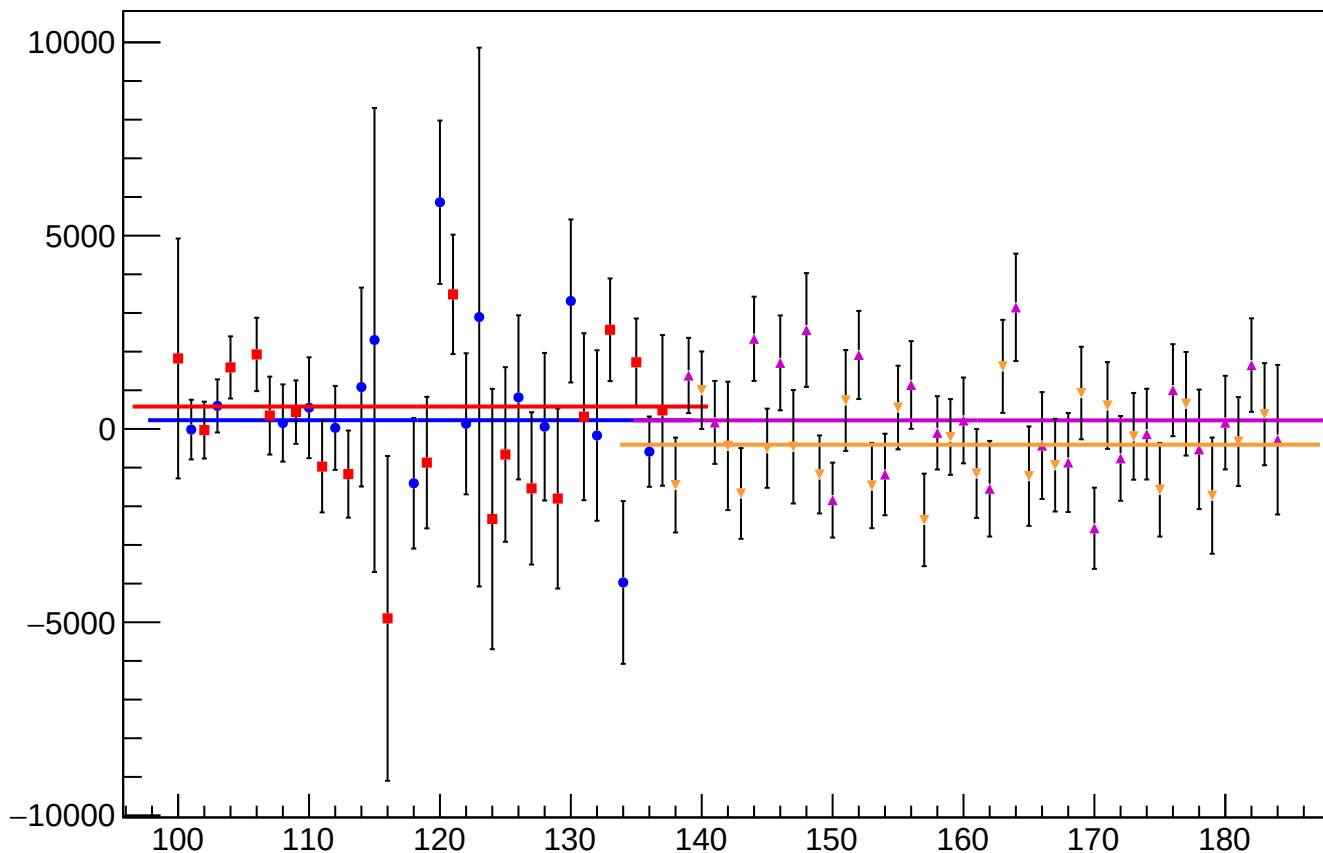
Right: 109.523 +/- 0.022 χ^2/NDF : 1859790.1/35

In: 144.996 +/- 0.022 χ^2/NDF : 3208912.3/39

Out: 139.281 +/- 0.020 χ^2/NDF : 3996374.5/42

All: 141.991 +/- 0.015 χ^2/NDF : 7242323.6/82

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -407.531+/-241.127 χ^2/NDF : 18.2/23

Right Out: 579.018+/-289.235 χ^2/NDF : 21.1/18

Left In: 222.173+/-243.547 χ^2/NDF : 35.9/22

Left: -95.823+/-171.352 χ^2/NDF : 57.6/46

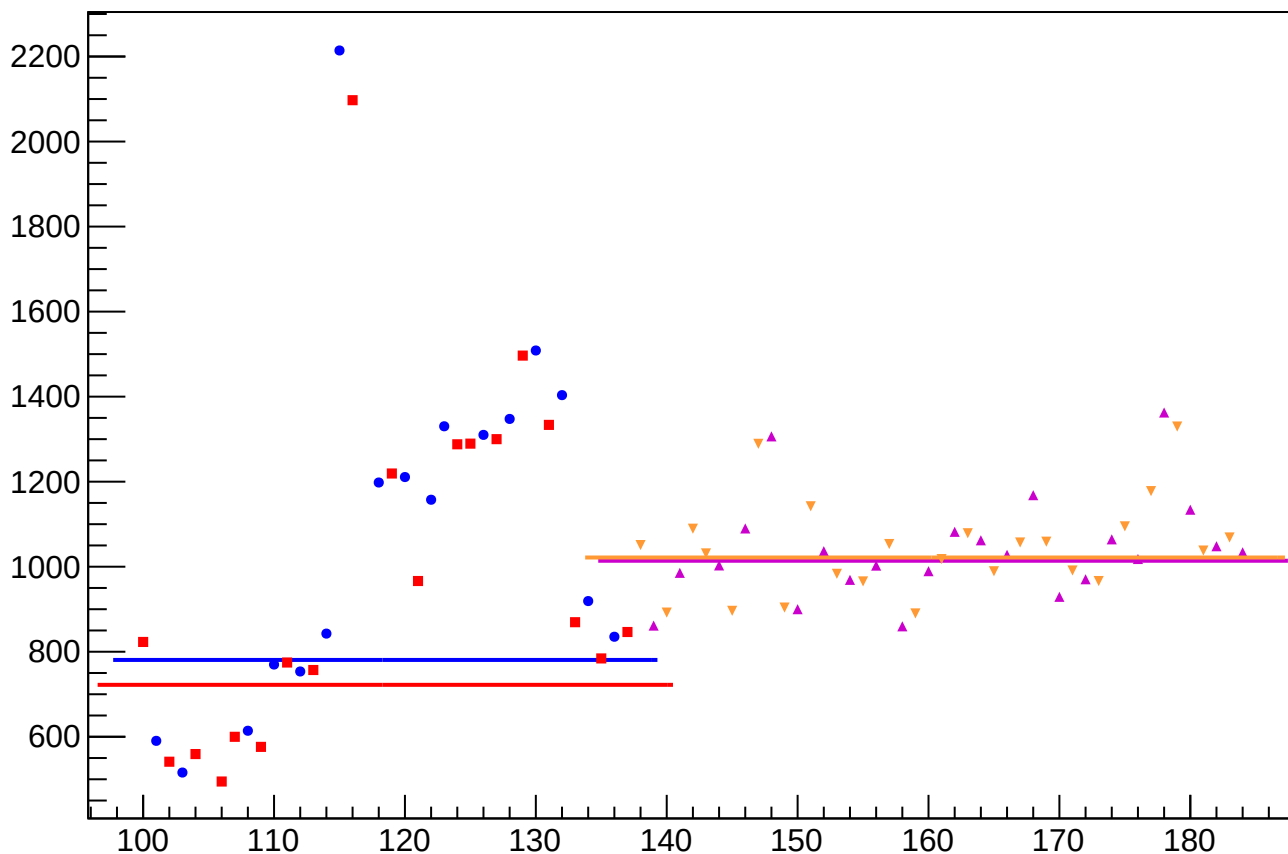
Right: 420.896+/-214.998 χ^2/NDF : 37.8/35

In: 223.436+/-194.114 χ^2/NDF : 51.9/39

Out: -3.013+/-185.208 χ^2/NDF : 46.2/42

All: 104.898+/-134.000 χ^2/NDF : 98.9/82

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1021.631 $\pm$ 0.171 χ^2 /NDF:361199.4/23

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 1013.992 $\pm$ 0.172 χ^2 /NDF:404573.8/22

Left: 1017.849 $\pm$ 0.121 χ^2 /NDF: 766766.8/46

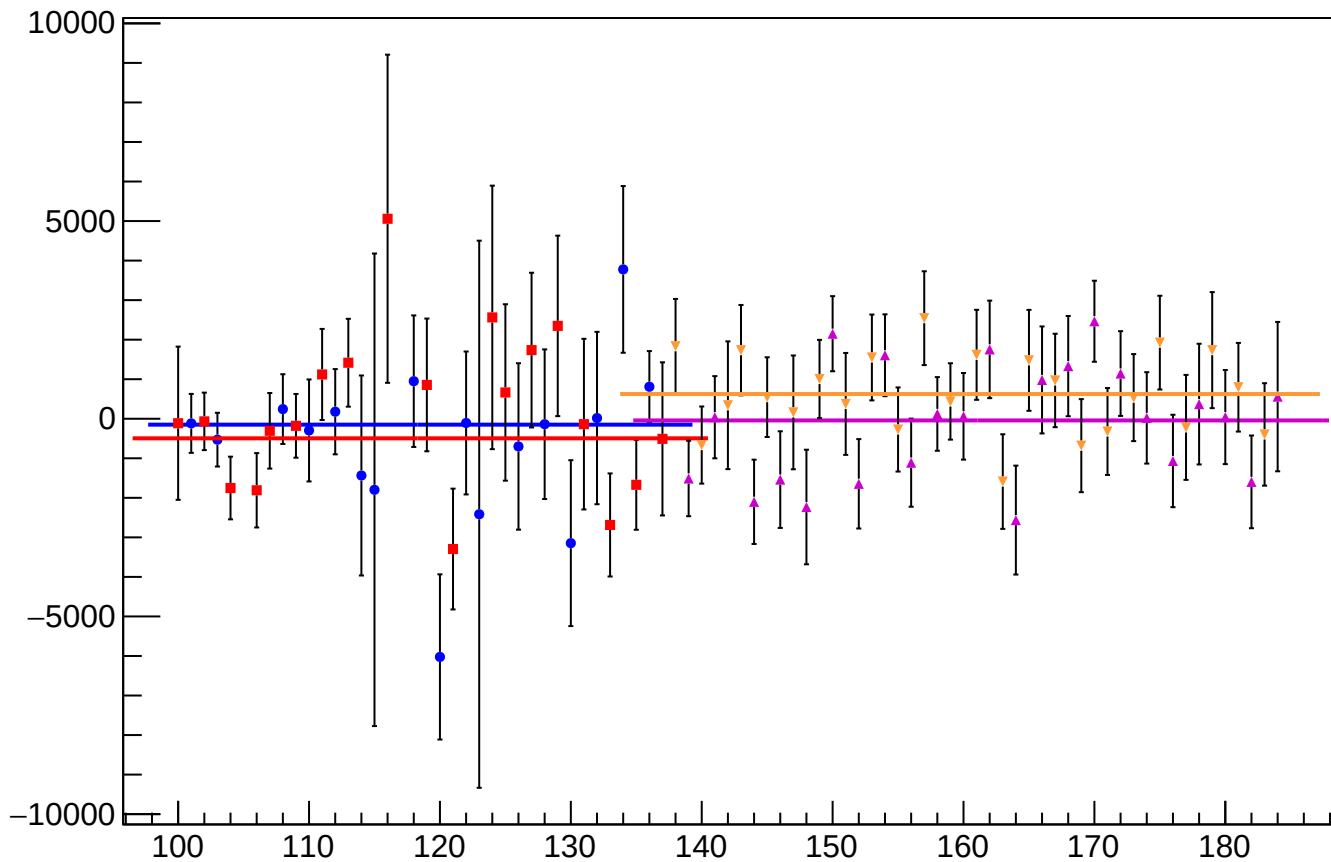
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 928.900 $\pm$ 0.137 χ^2 /NDF:2683432.5/39

Out: 898.833 $\pm$ 0.131 χ^2 /NDF:3254987.1/42

All: 913.161 $\pm$ 0.095 χ^2 /NDF: 5963537.2/82

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 625.002+/-236.930 χ^2/NDF : 17.6/23

Right Out: -494.856+/-282.721 χ^2/NDF : 23.7/18

Left In: -42.397+/-239.278 χ^2/NDF : 37.9/22

Left: 294.593+/-168.359 χ^2/NDF : 59.5/46

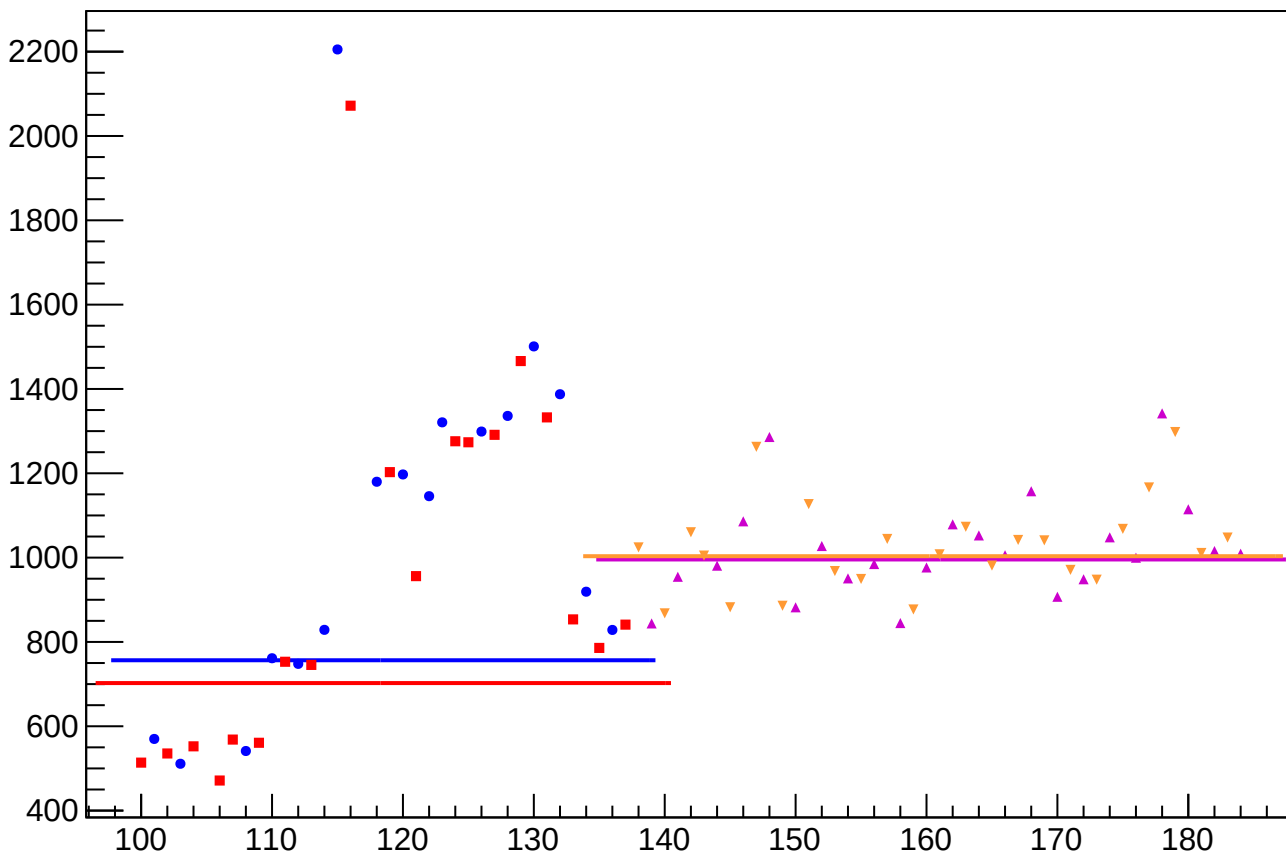
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -81.784+/-190.086 χ^2/NDF : 54.1/39

Out: 162.994+/-181.594 χ^2/NDF : 50.5/42

All: 46.195+/-131.306 χ^2/NDF : 105.5/82

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 1003.344 $\pm$ 0.168 χ^2 /NDF: 363624.7/23

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 995.590 $\pm$ 0.169 χ^2 /NDF: 424434.6/22

Left: 999.505 $\pm$ 0.119 χ^2 /NDF: 789119.9/46

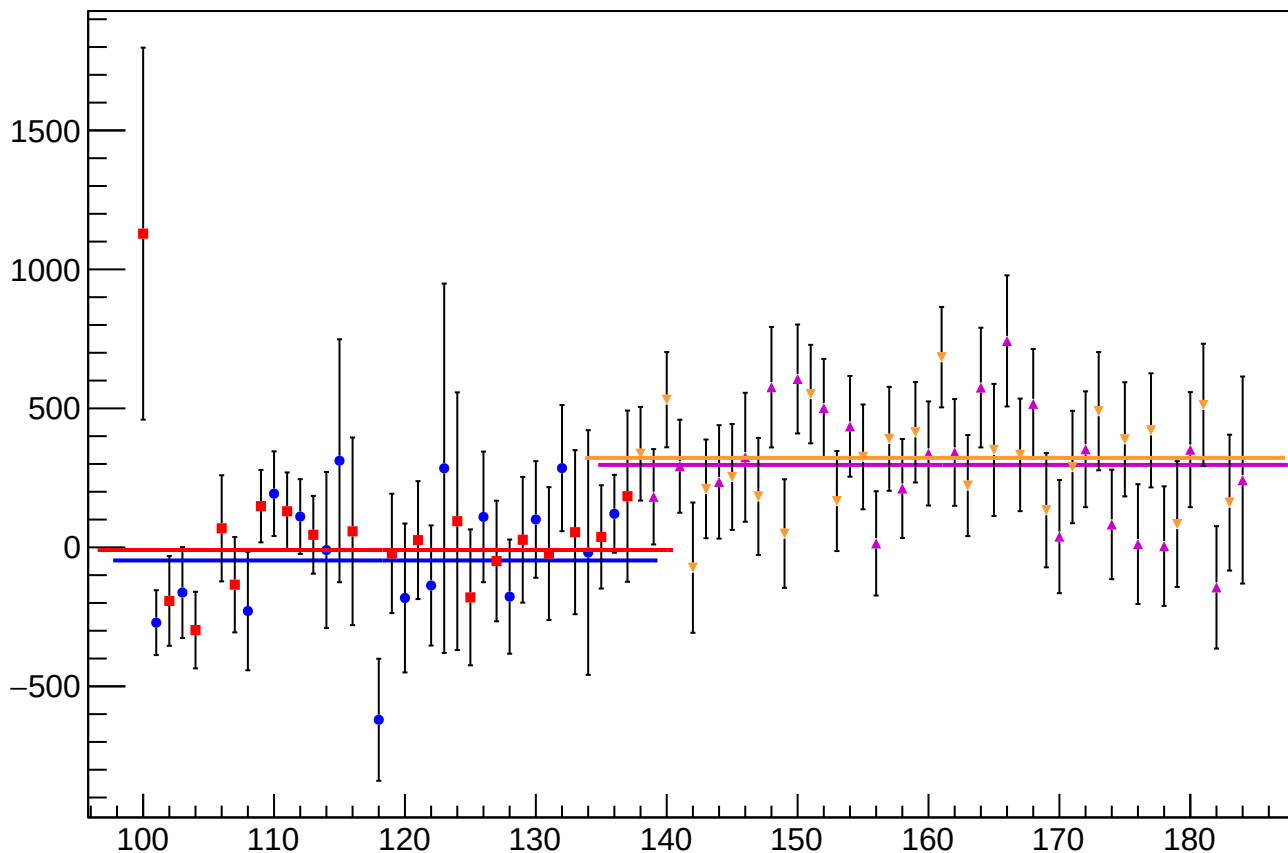
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 907.403 $\pm$ 0.134 χ^2 /NDF: 2874487.0/39

Out: 879.205 $\pm$ 0.128 χ^2 /NDF: 3383849.9/42

All: 892.660 $\pm$ 0.093 χ^2 /NDF: 6281347.5/82

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 321.903 $\pm$ 40.055 χ^2/NDF : 18.5/23

Right Out: -9.507 $\pm$ 44.749 χ^2/NDF : 13.0/18

Left In: 296.645 $\pm$ 41.875 χ^2/NDF : 26.3/22

Left: 309.835 $\pm$ 28.945 χ^2/NDF : 45.0/46

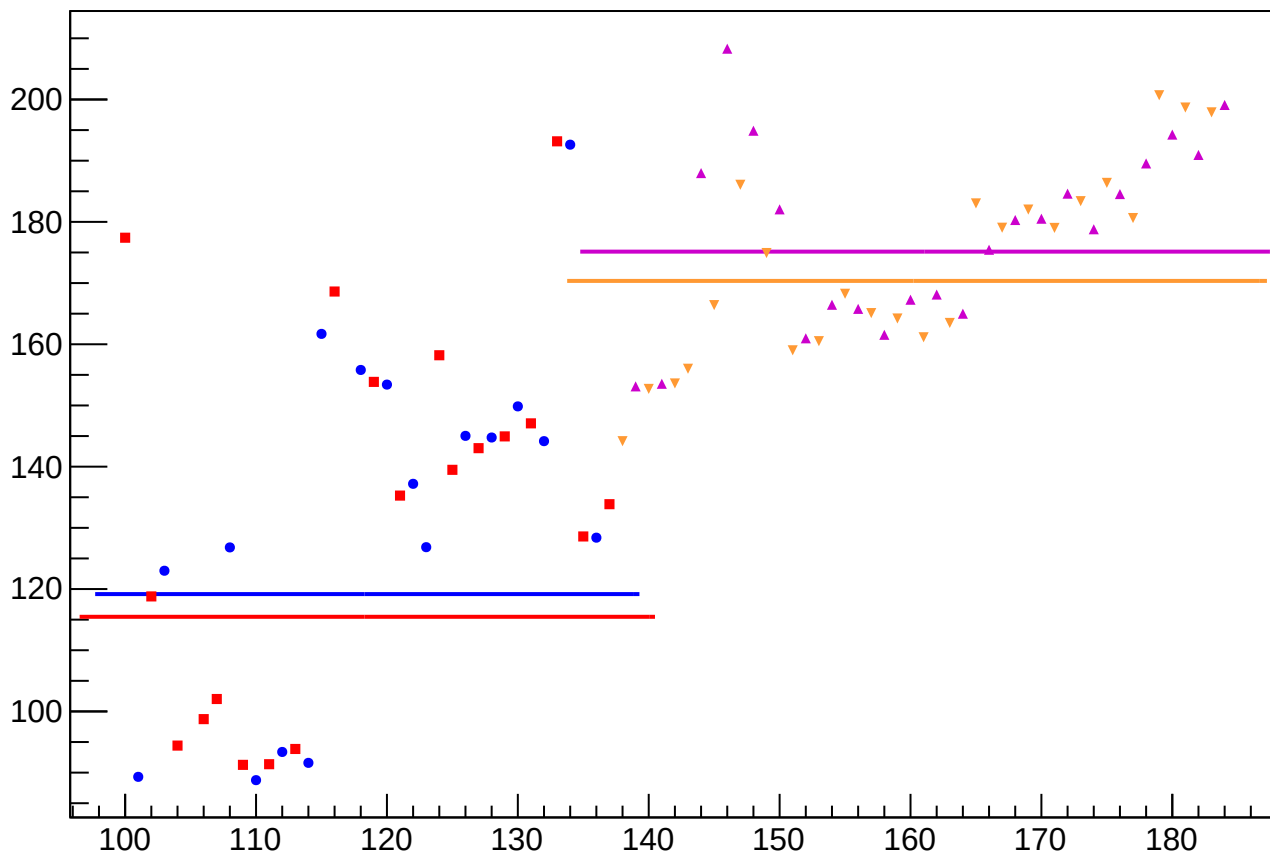
Right: -27.302 $\pm$ 32.497 χ^2/NDF : 35.3/35

In: 145.469 $\pm$ 31.344 χ^2/NDF : 77.8/39

Out: 174.486 $\pm$ 29.845 χ^2/NDF : 62.0/42

All: 160.688 $\pm$ 21.614 χ^2/NDF : 140.3/82

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 170.354+/-0.028 χ^2/NDF : 270906.9/23

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 175.139+/-0.030 χ^2/NDF : 234951.0/22

Left: 172.640+/-0.020 χ^2/NDF : 519494.6/46

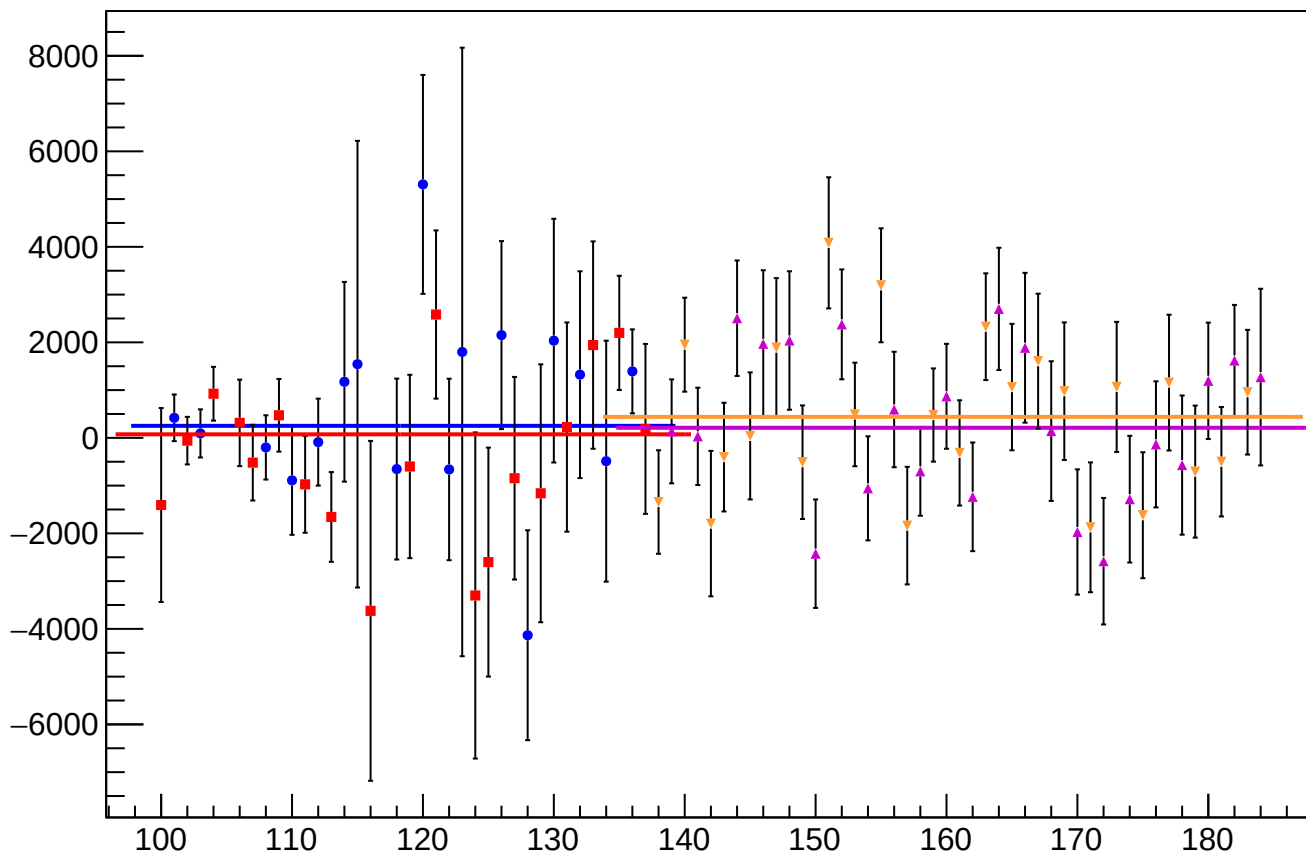
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 150.531+/-0.022 χ^2/NDF : 2421006.3/39

Out: 145.939+/-0.021 χ^2/NDF : 2634244.1/42

All: 148.122+/-0.015 χ^2/NDF : 5077763.7/82

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 439.473+/-251.392 χ^2/NDF : 37.0/23

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 211.216+/-256.884 χ^2/NDF : 36.1/22

Left: 327.810+/-179.671 χ^2/NDF : 73.4/46

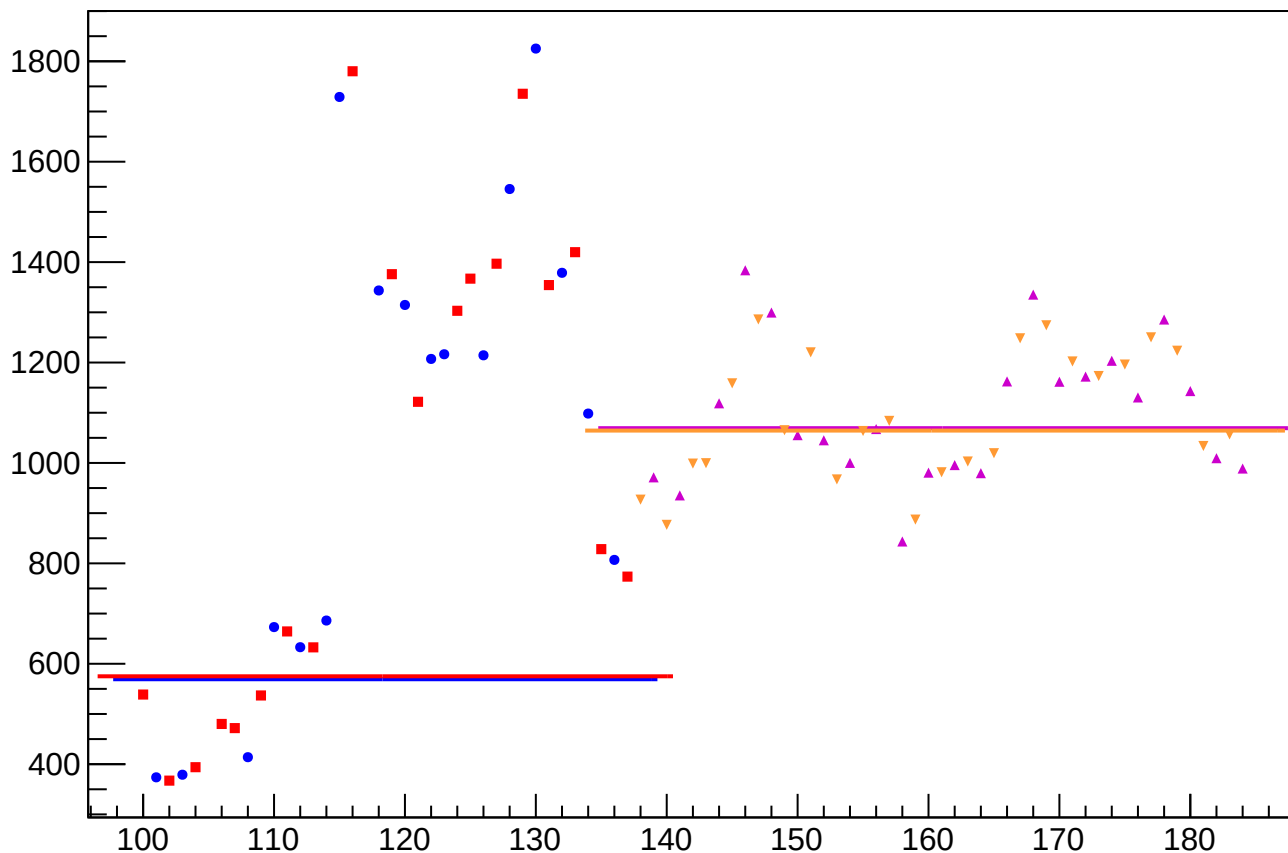
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 231.798+/-180.190 χ^2/NDF : 51.0/39

Out: 251.324+/-175.077 χ^2/NDF : 56.1/42

All: 241.842+/-125.567 χ^2/NDF : 107.0/82

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1064.472 $\pm$ 0.178 χ^2 /NDF: 491111.3/23

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1069.252 $\pm$ 0.182 χ^2 /NDF: 526609.1/22

Left: 1066.811 $\pm$ 0.127 χ^2 /NDF: 1018074.1/46

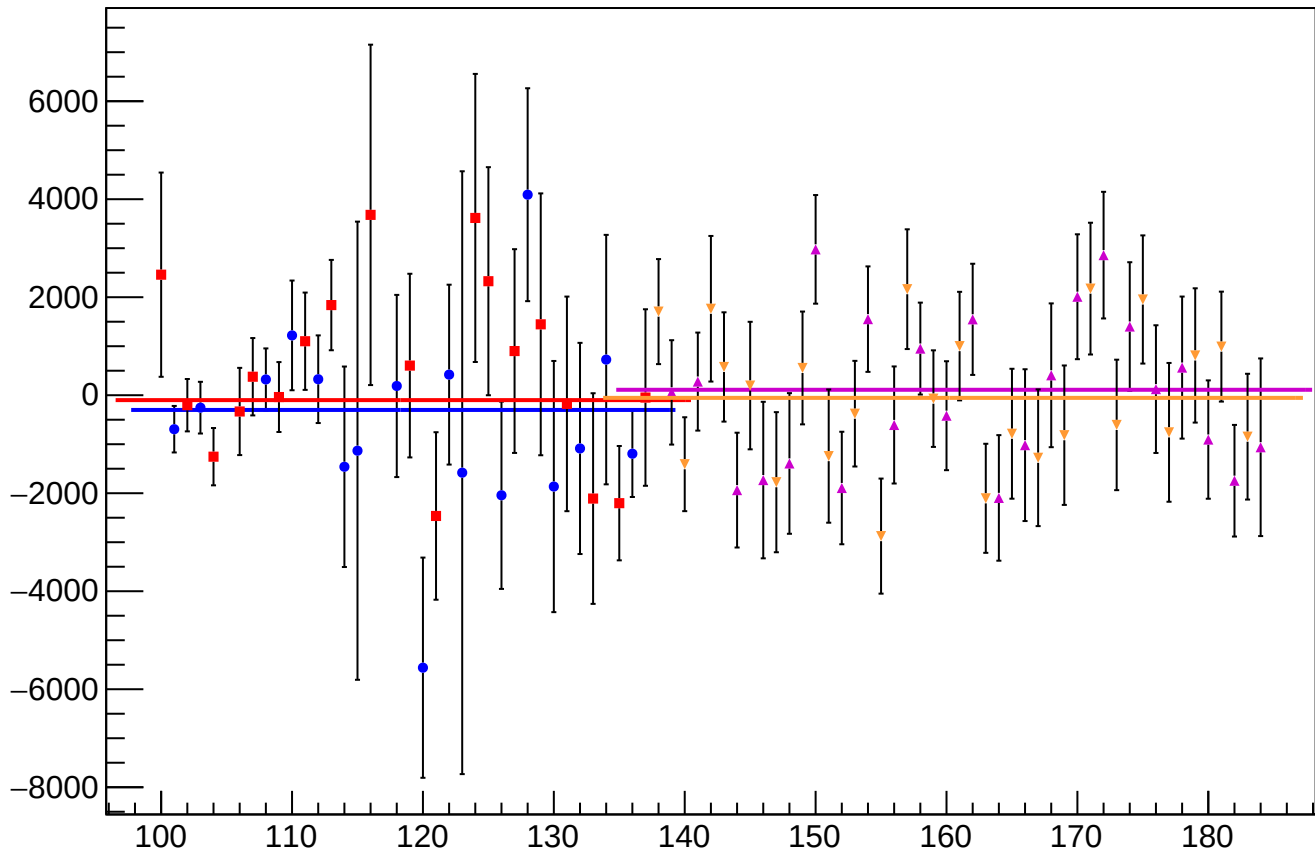
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 815.239 $\pm$ 0.127 χ^2 /NDF: 7643374.8/39

Out: 812.427 $\pm$ 0.124 χ^2 /NDF: 7453821.0/42

All: 813.793 $\pm$ 0.089 χ^2 /NDF: 15097446.2/82

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -54.179 ± 248.357 χ^2/NDF : 31.0/23

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 110.879 ± 254.337 χ^2/NDF : 35.2/22

Left: 26.387 ± 177.692 χ^2/NDF : 66.4/46

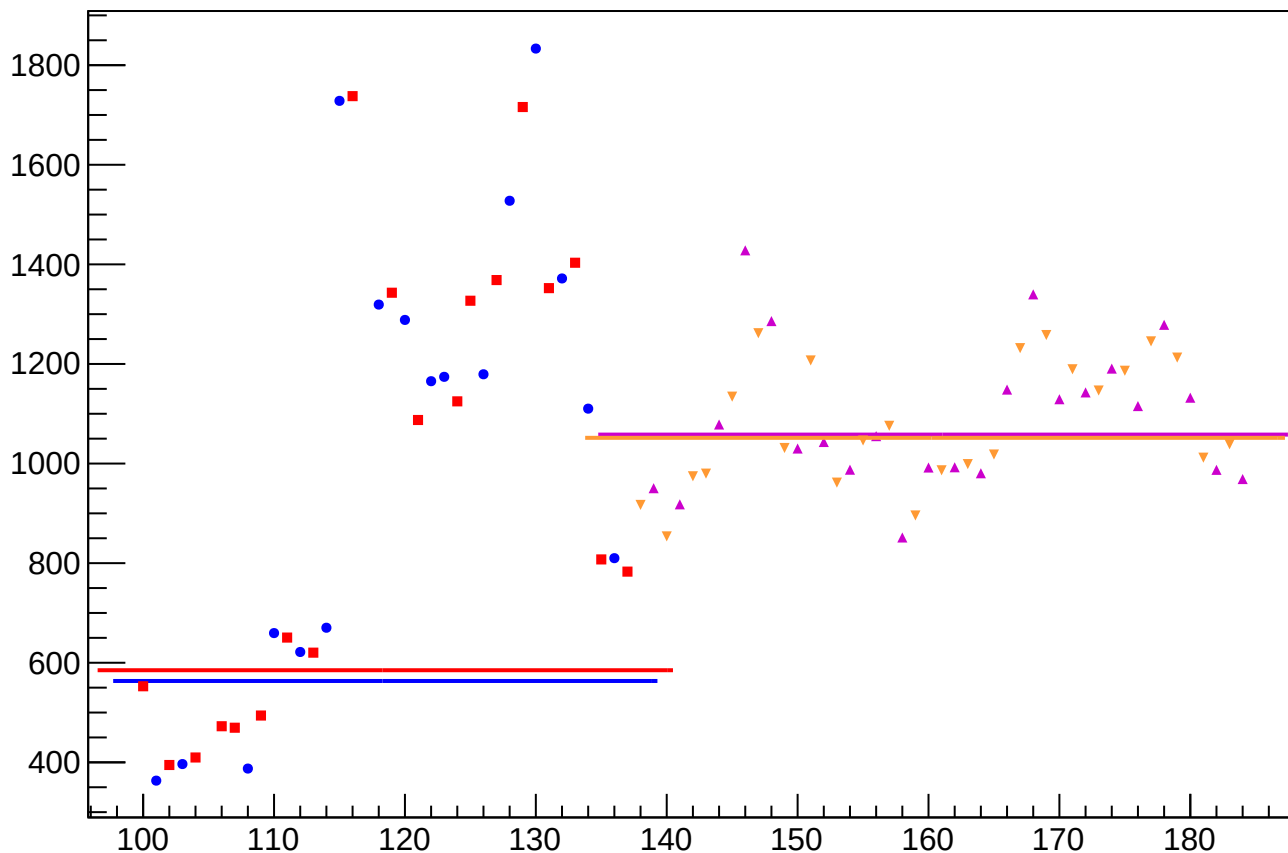
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -98.177 ± 178.400 χ^2/NDF : 53.2/39

Out: -77.285 ± 174.762 χ^2/NDF : 53.4/42

All: -87.515 ± 124.842 χ^2/NDF : 106.7/82

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1051.674 $\pm$ 0.176 χ^2 /NDF: 481792.4/23

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1058.154 $\pm$ 0.180 χ^2 /NDF: 532260.0/22

Left: 1054.837 $\pm$ 0.126 χ^2 /NDF: 1014716.8/46

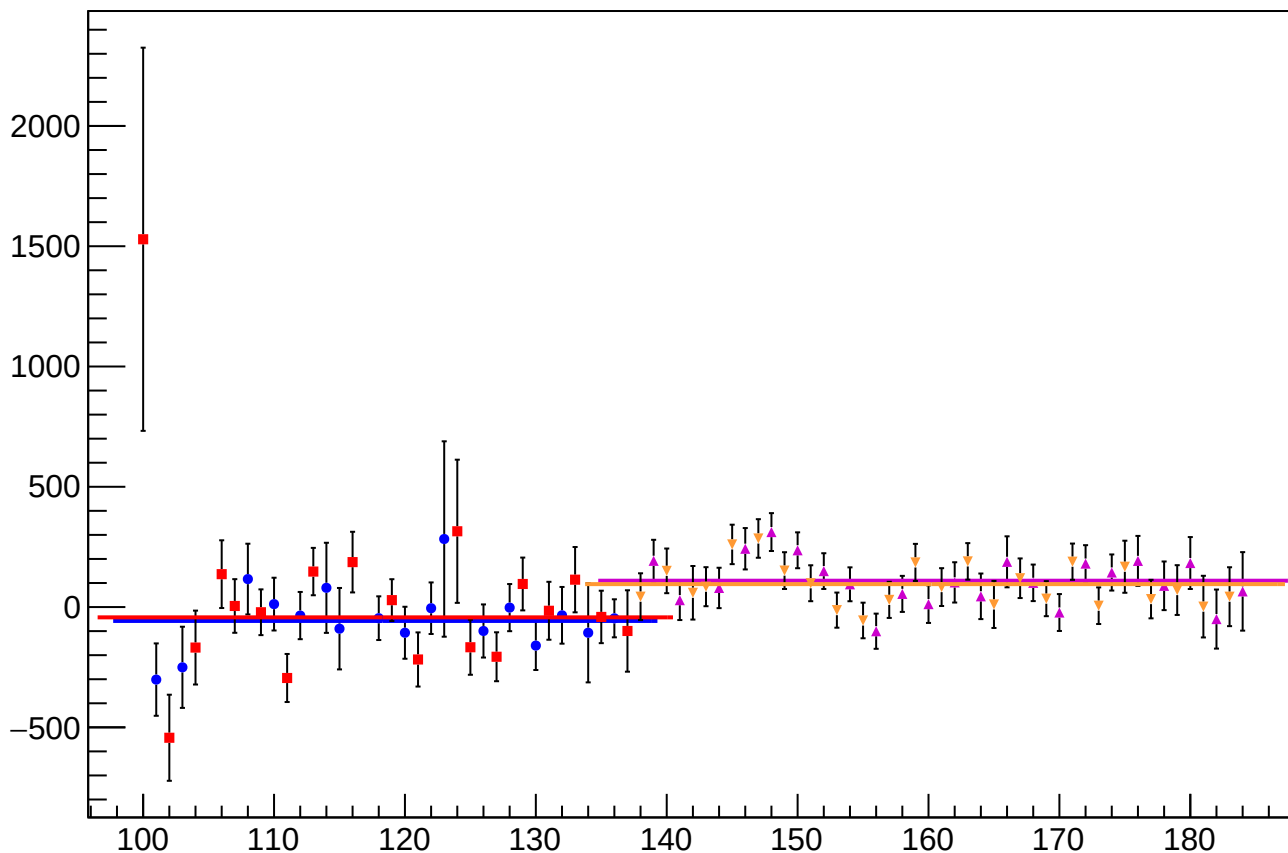
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 806.818 $\pm$ 0.126 χ^2 /NDF: 7635978.8/39

Out: 816.066 $\pm$ 0.124 χ^2 /NDF: 6865715.0/42

All: 811.537 $\pm$ 0.088 χ^2 /NDF: 14504436.8/82

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 95.358 ± 17.119 χ^2/NDF : 27.3/23

Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18

Left In: 109.529 ± 17.618 χ^2/NDF : 32.5/22

Left: 102.240 ± 12.278 χ^2/NDF : 60.1/46

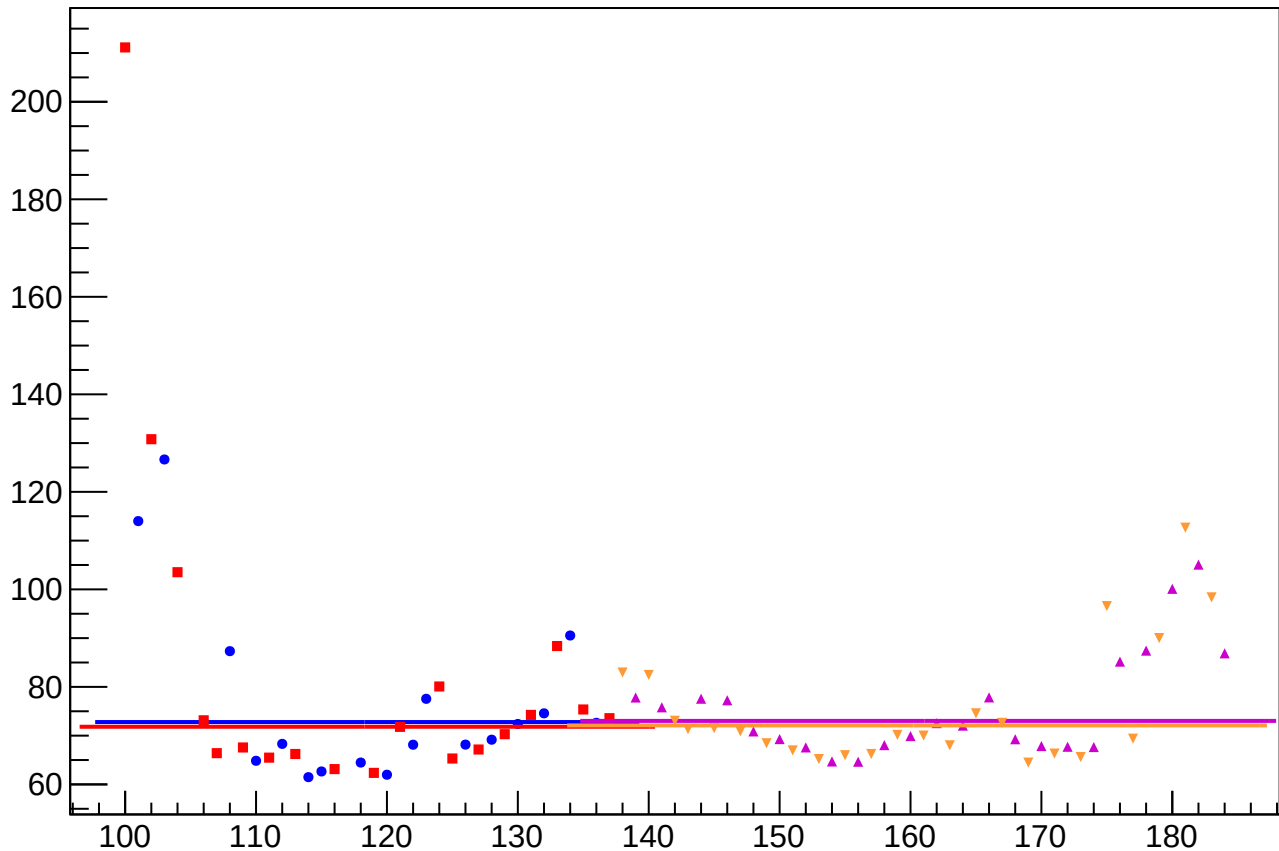
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: 63.742 ± 15.014 χ^2/NDF : 66.3/39

Out: 57.165 ± 14.562 χ^2/NDF : 84.4/42

All: 60.353 ± 10.453 χ^2/NDF : 150.8/82

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 72.096 $\pm$ 0.012 χ^2 /NDF: 623183.7/23

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 73.025 $\pm$ 0.012 χ^2 /NDF: 485154.7/22

Left: 72.547 $\pm$ 0.009 χ^2 /NDF: 1111193.2/46

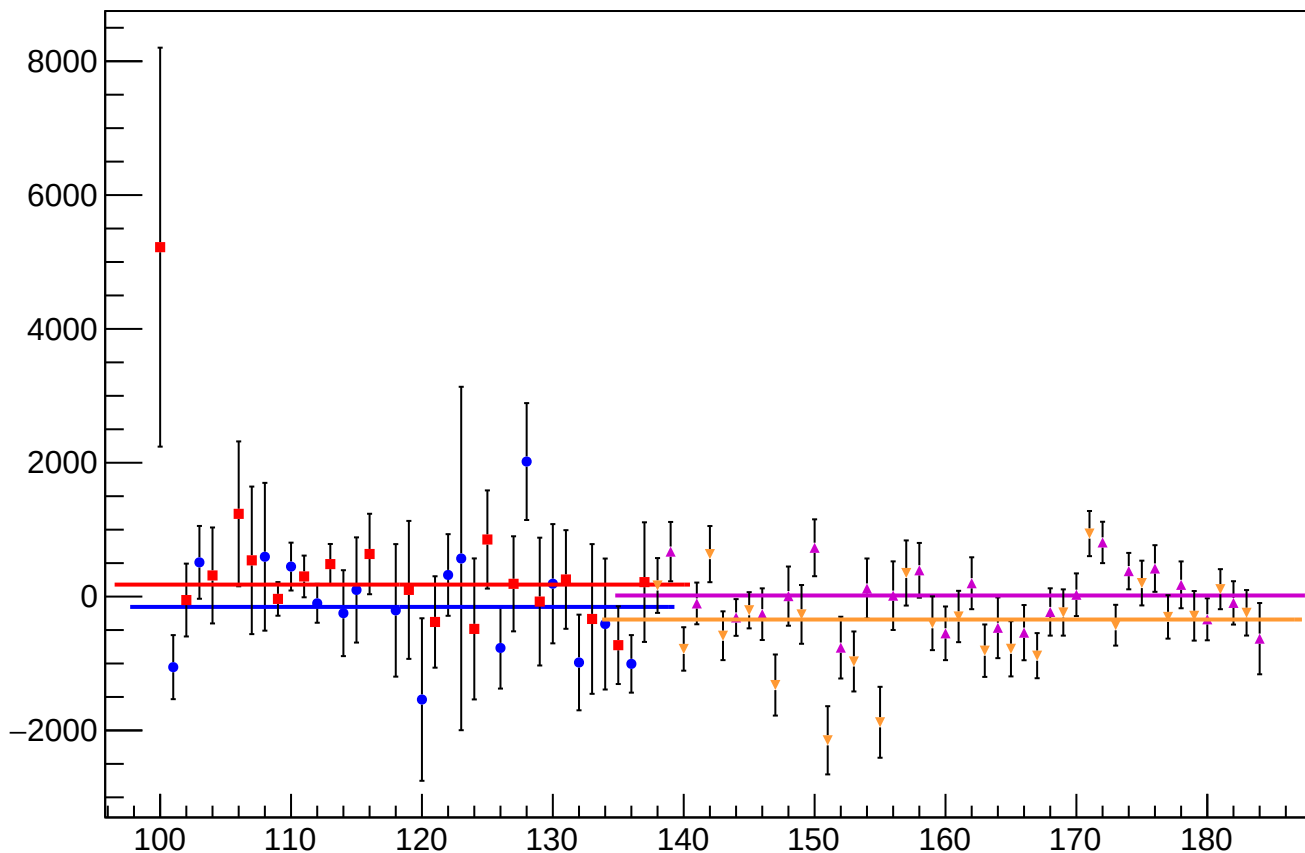
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 72.960 $\pm$ 0.011 χ^2 /NDF: 950024.8/39

Out: 72.021 $\pm$ 0.010 χ^2 /NDF: 1088978.0/42

All: 72.476 $\pm$ 0.007 χ^2 /NDF: 2043035.6/82

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2 /NDF: 23.2/16

Left Out: -342.761 $\pm$ 75.255 χ^2 /NDF:63.9/23

Right Out: 179.068 $\pm$ 126.107 χ^2 /NDF: 11.3/18

Left In: 16.398 $\pm$ 76.588 χ^2 /NDF:29.3/22

Left: -166.334 $\pm$ 53.679 χ^2 /NDF: 104.4/46

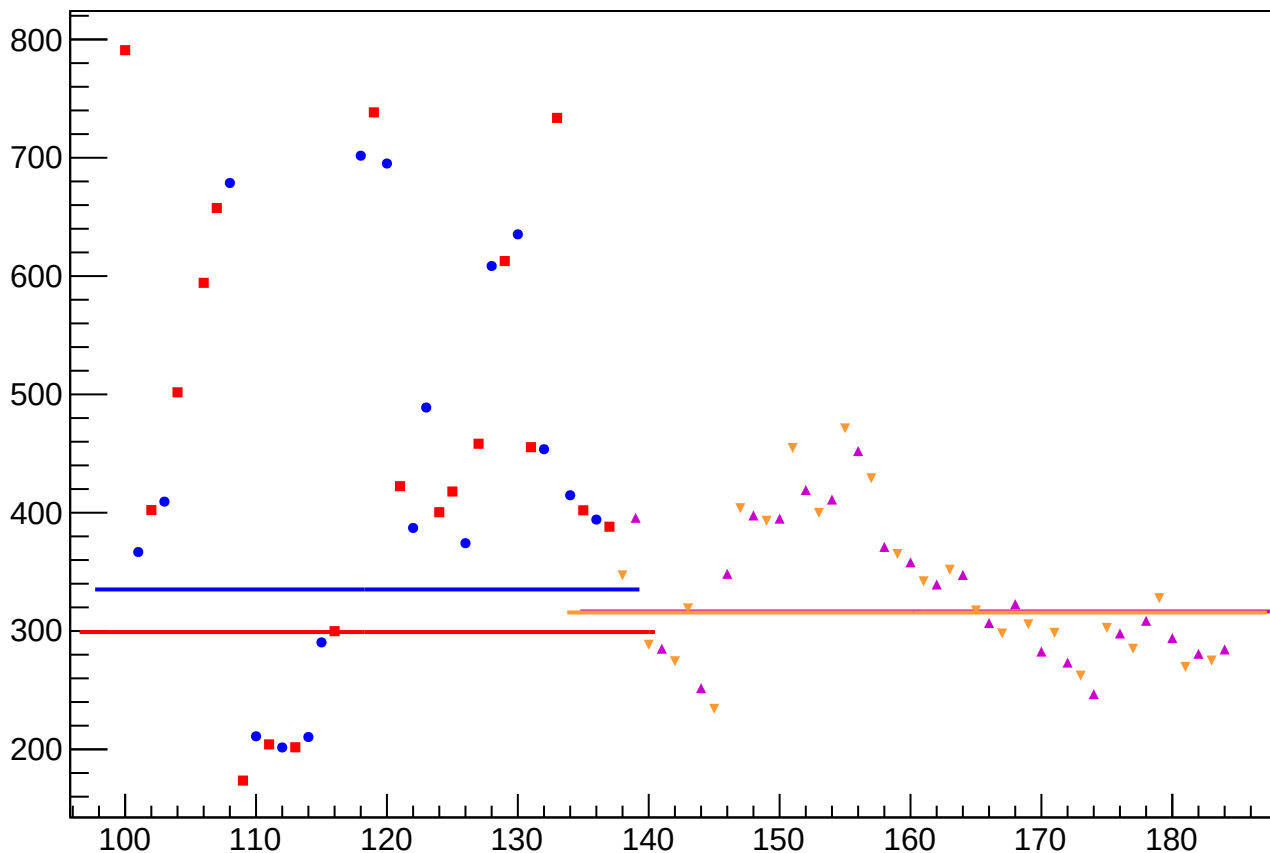
Right: 30.517 $\pm$ 93.908 χ^2 /NDF: 37.6/35

In: -22.643 $\pm$ 67.268 χ^2 /NDF:53.6/39

Out: -205.728 $\pm$ 64.623 χ^2 /NDF:87.8/42

All: -117.856 $\pm$ 46.603 χ^2 /NDF: 145.3/82

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 315.660+/-0.053 χ^2/NDF : 1093133.5/23

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 316.537+/-0.054 χ^2/NDF : 989819.1/22

Left: 316.091+/-0.038 χ^2/NDF : 2083086.1/46

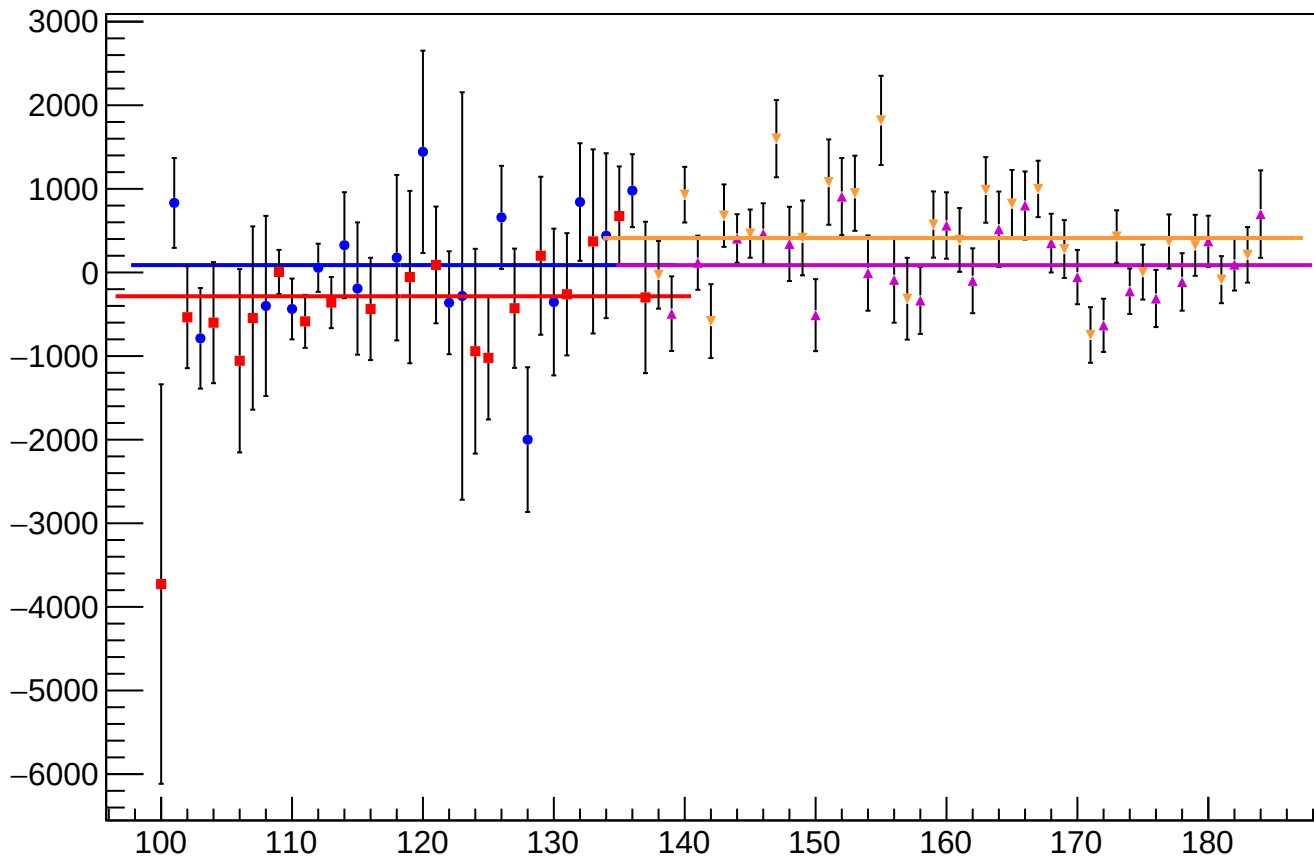
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 320.788+/-0.048 χ^2/NDF : 3010817.9/39

Out: 311.321+/-0.046 χ^2/NDF : 3949547.7/42

All: 315.865+/-0.033 χ^2/NDF : 6980967.8/82

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 412.528 $\pm$ 75.408 χ^2/NDF : 51.9/23

Right Out: -284.510 $\pm$ 129.675 χ^2/NDF : 10.1/18

Left In: 87.657 $\pm$ 76.572 χ^2/NDF : 27.4/22

Left: 252.579 $\pm$ 53.728 χ^2/NDF : 88.5/46

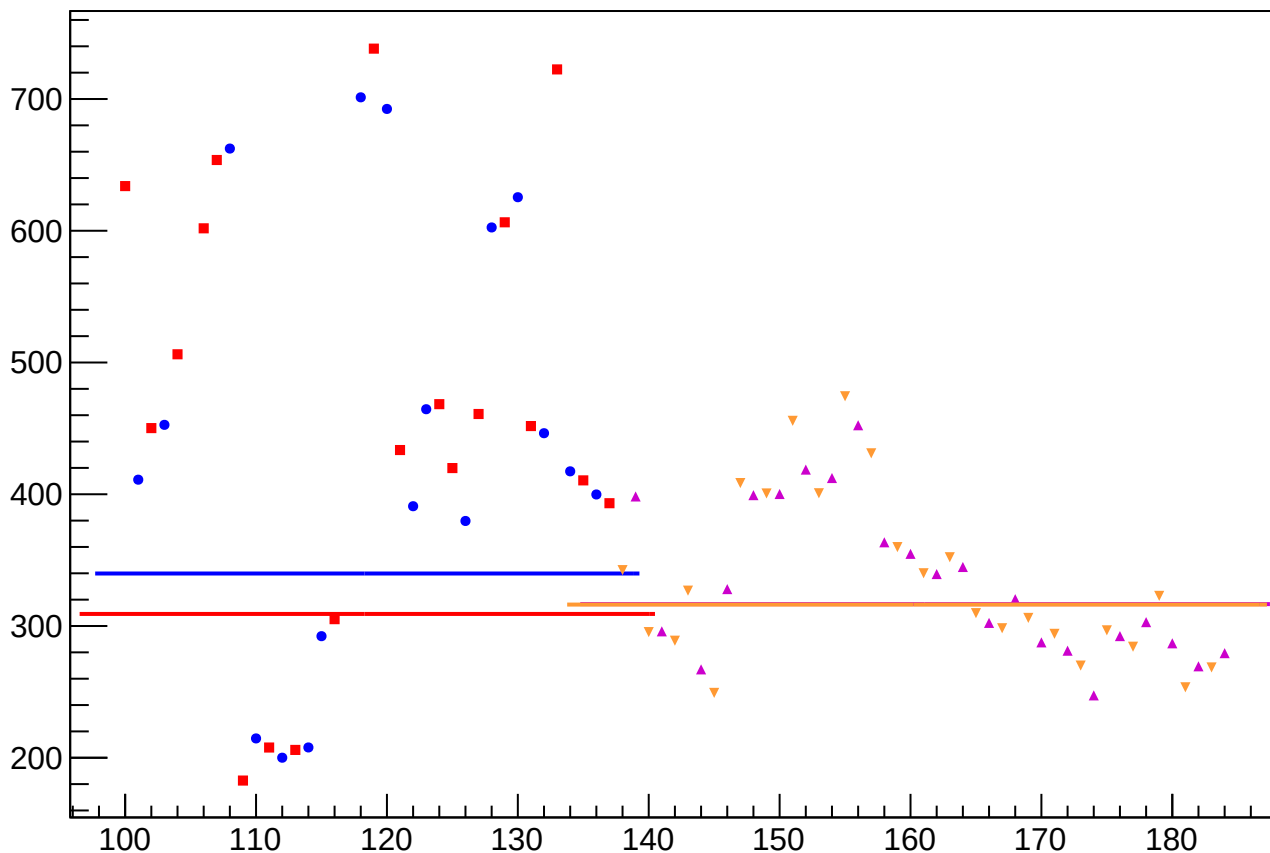
Right: -116.387 $\pm$ 96.066 χ^2/NDF : 34.7/35

In: 87.759 $\pm$ 67.505 χ^2/NDF : 48.2/39

Out: 236.382 $\pm$ 65.187 χ^2/NDF : 83.7/42

All: 164.666 $\pm$ 46.892 χ^2/NDF : 134.4/82

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 ± 0.101 $\chi^2/\text{NDF}: 2043522.4/16$

Left Out: 316.266 ± 0.053 $\chi^2/\text{NDF}: 1067506.6/23$

Right Out: 309.158 ± 0.092 $\chi^2/\text{NDF}: 2735887.4/18$

Left In: 316.616 ± 0.054 $\chi^2/\text{NDF}: 929652.0/22$

Left: 316.438 ± 0.038 $\chi^2/\text{NDF}: 1997179.9/46$

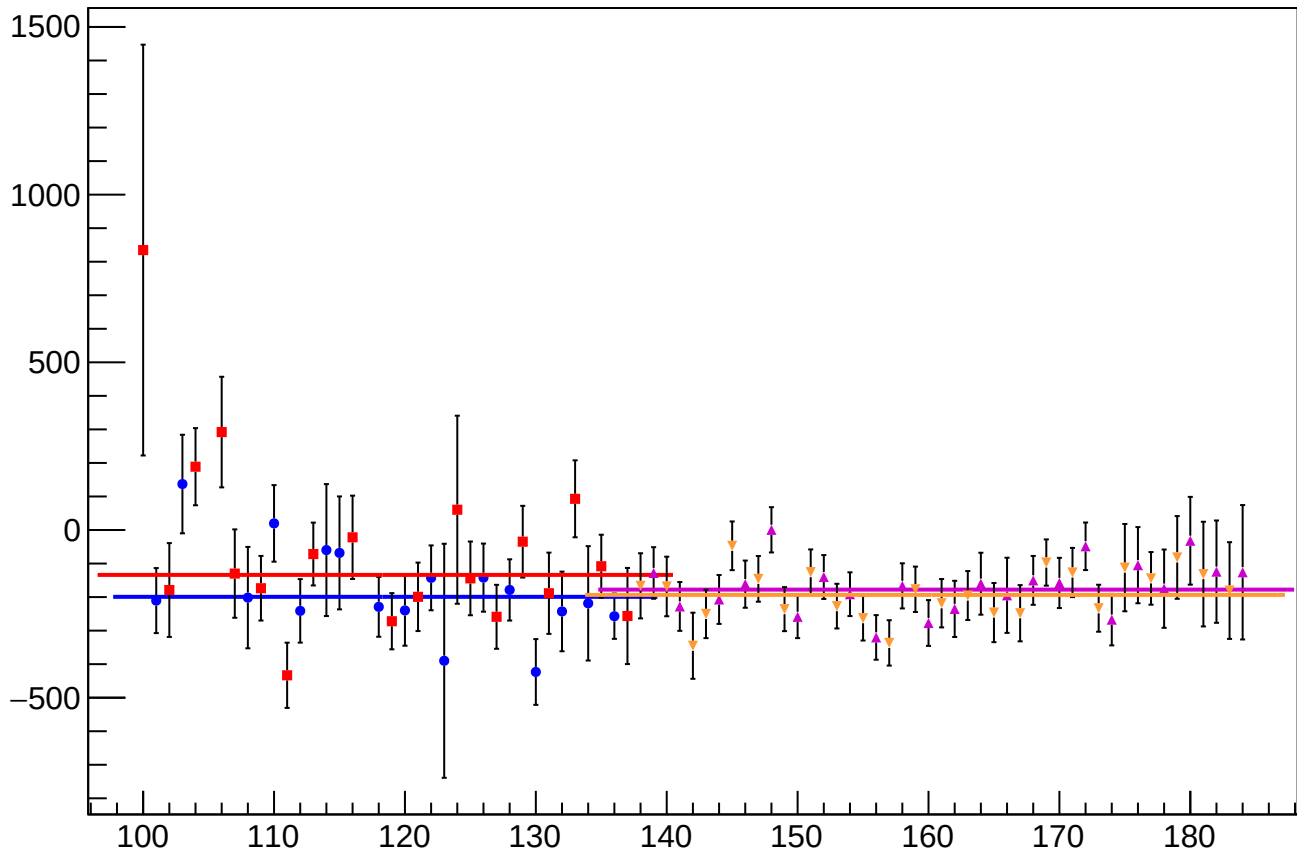
Right: 323.006 ± 0.068 $\chi^2/\text{NDF}: 4829958.1/35$

In: 321.792 ± 0.048 $\chi^2/\text{NDF}: 3014196.3/39$

Out: 314.470 ± 0.046 $\chi^2/\text{NDF}: 3807884.2/42$

All: 318.003 ± 0.033 $\chi^2/\text{NDF}: 6834258.1/82$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 χ^2/NDF : 17.6/16

Left Out: -193.458 ± 16.017 χ^2/NDF : 20.8/23

Right Out: -133.844 ± 26.228 χ^2/NDF : 39.2/18

Left In: -177.739 ± 16.445 χ^2/NDF : 24.1/22

Left: -185.806 ± 11.474 χ^2/NDF : 45.3/46

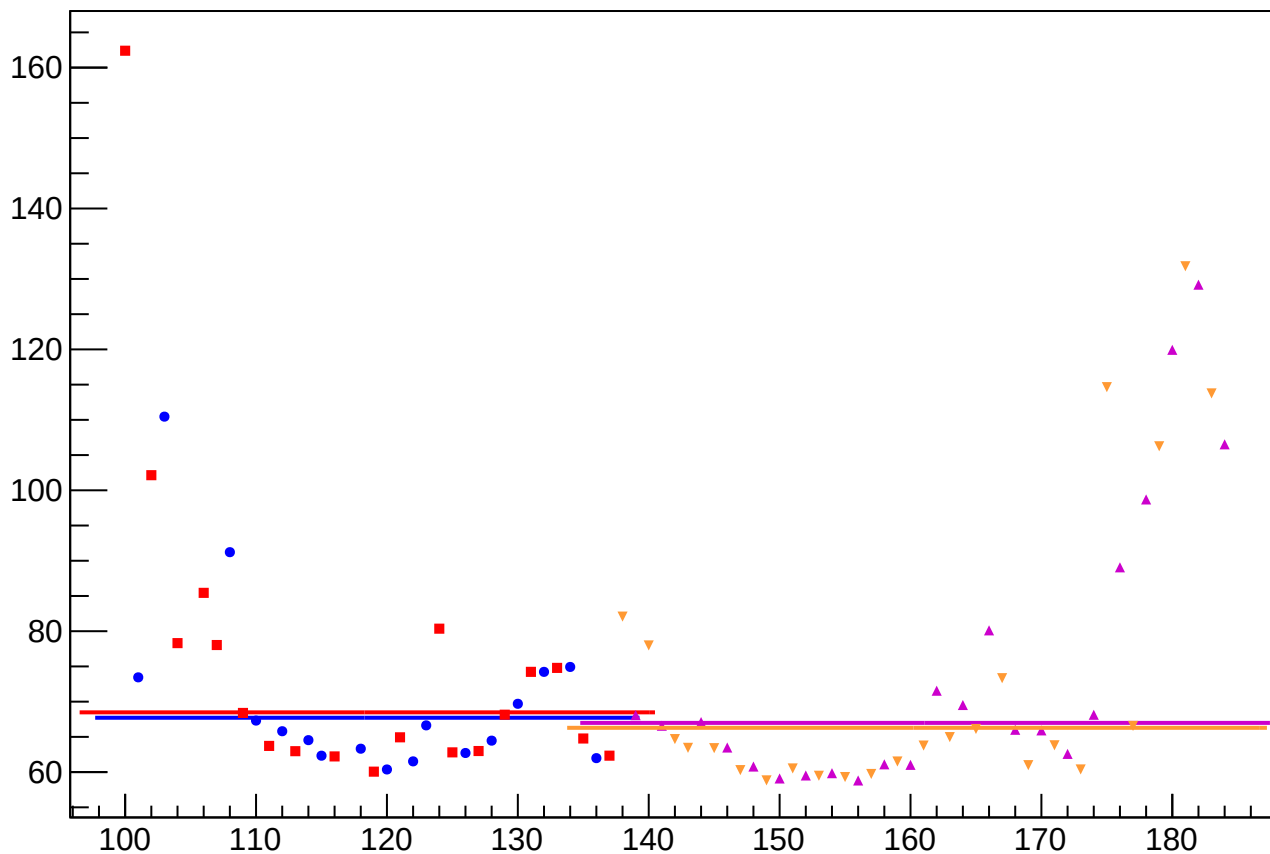
Right: -166.192 ± 18.647 χ^2/NDF : 59.8/35

In: -183.715 ± 13.976 χ^2/NDF : 42.2/39

Out: -177.265 ± 13.670 χ^2/NDF : 63.7/42

All: -180.419 ± 9.772 χ^2/NDF : 106.0/82

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 66.286 $\pm$ 0.011 χ^2 /NDF: 1322584.6/23

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 66.986 $\pm$ 0.012 χ^2 /NDF: 1169016.2/22

Left: 66.627 $\pm$ 0.008 χ^2 /NDF: 2493461.5/46

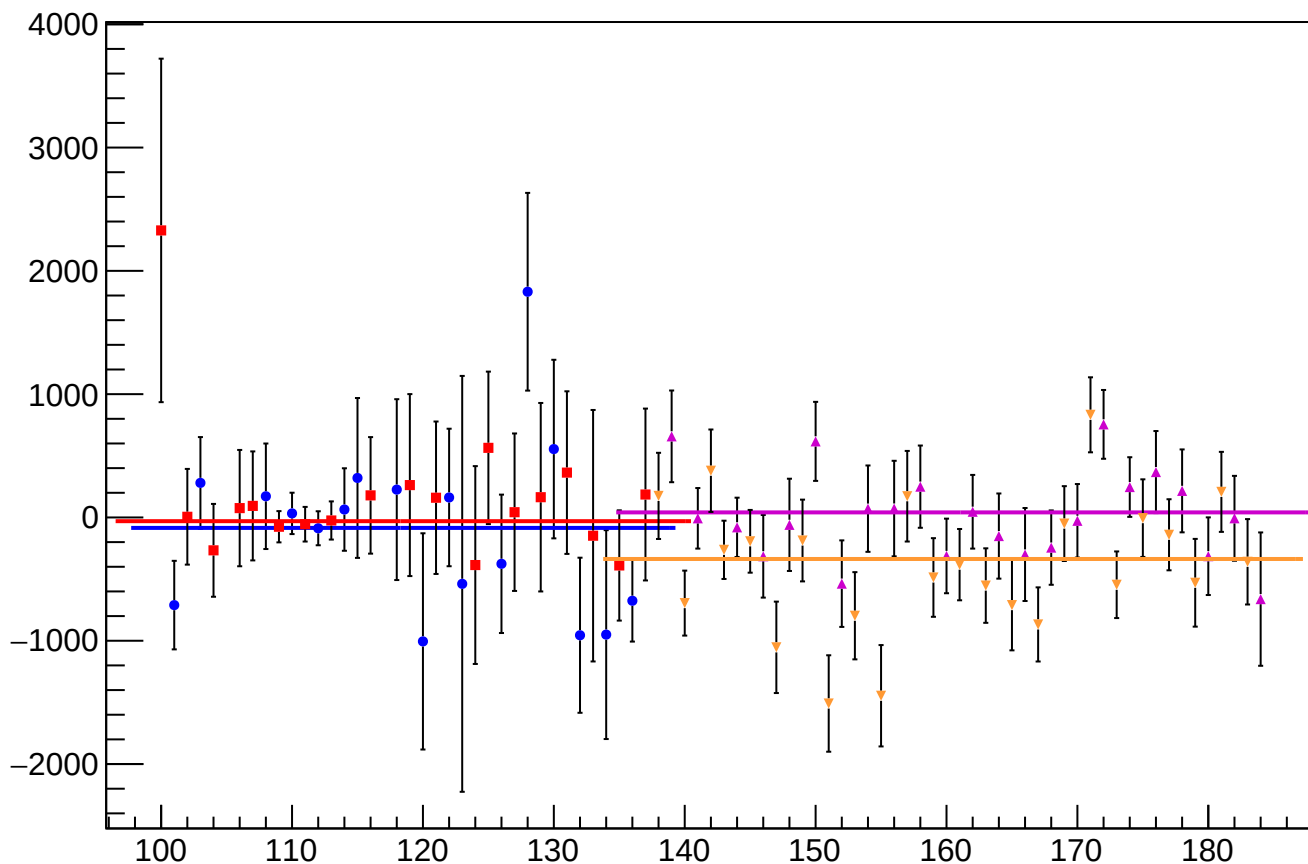
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 67.189 $\pm$ 0.010 χ^2 /NDF: 1453002.1/39

Out: 66.882 $\pm$ 0.010 χ^2 /NDF: 1614213.7/42

All: 67.032 $\pm$ 0.007 χ^2 /NDF: 3067707.6/82

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -336.795 ± 64.070 χ^2/NDF : 58.7/23

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 41.000 ± 66.172 χ^2/NDF : 25.5/22

Left: -153.992 ± 46.029 χ^2/NDF : 101.0/46

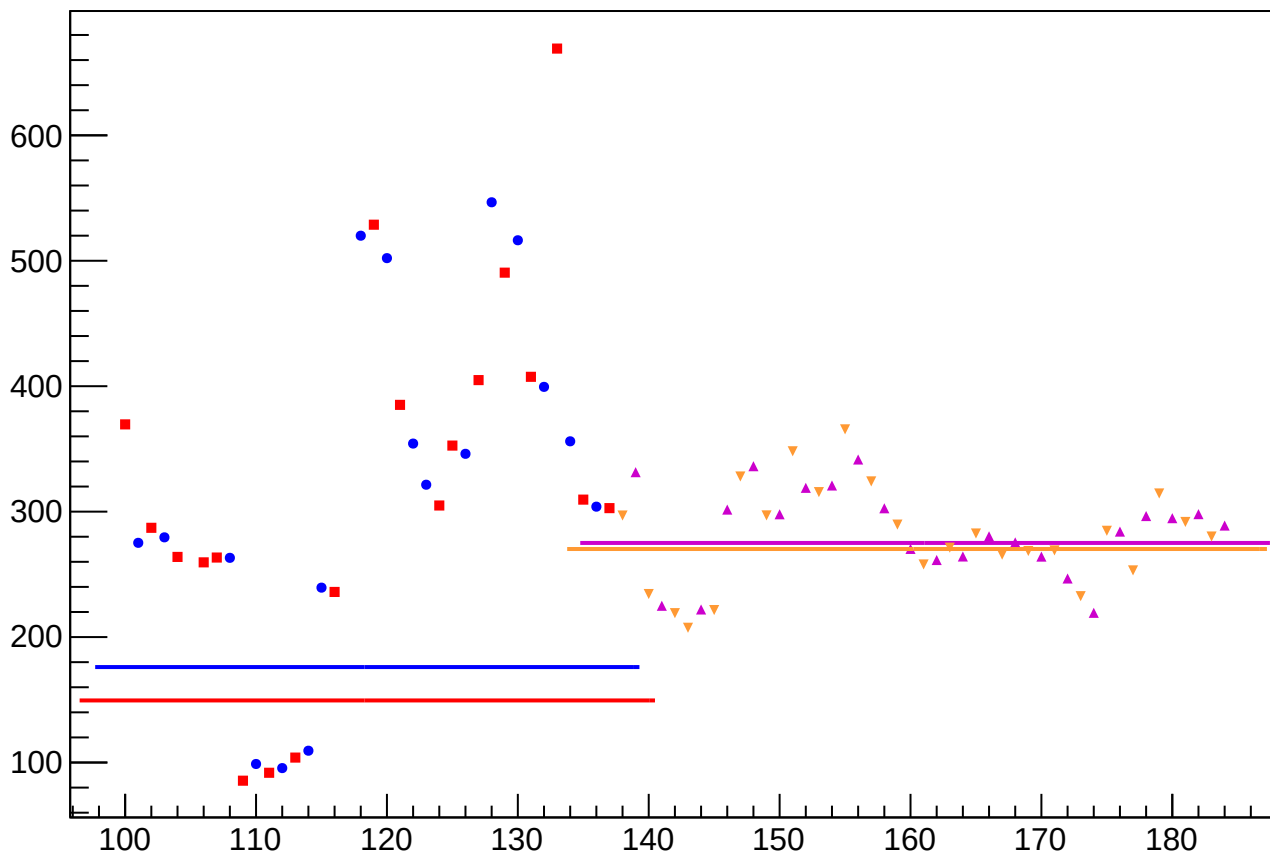
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -8.111 ± 51.660 χ^2/NDF : 46.8/39

Out: -196.305 ± 47.158 χ^2/NDF : 75.5/42

All: -110.765 ± 34.829 χ^2/NDF : 129.6/82

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 270.209+/-0.045 χ^2/NDF : 740097.2/23

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 275.043+/-0.047 χ^2/NDF : 605074.4/22

Left: 272.548+/-0.033 χ^2/NDF : 1350681.7/46

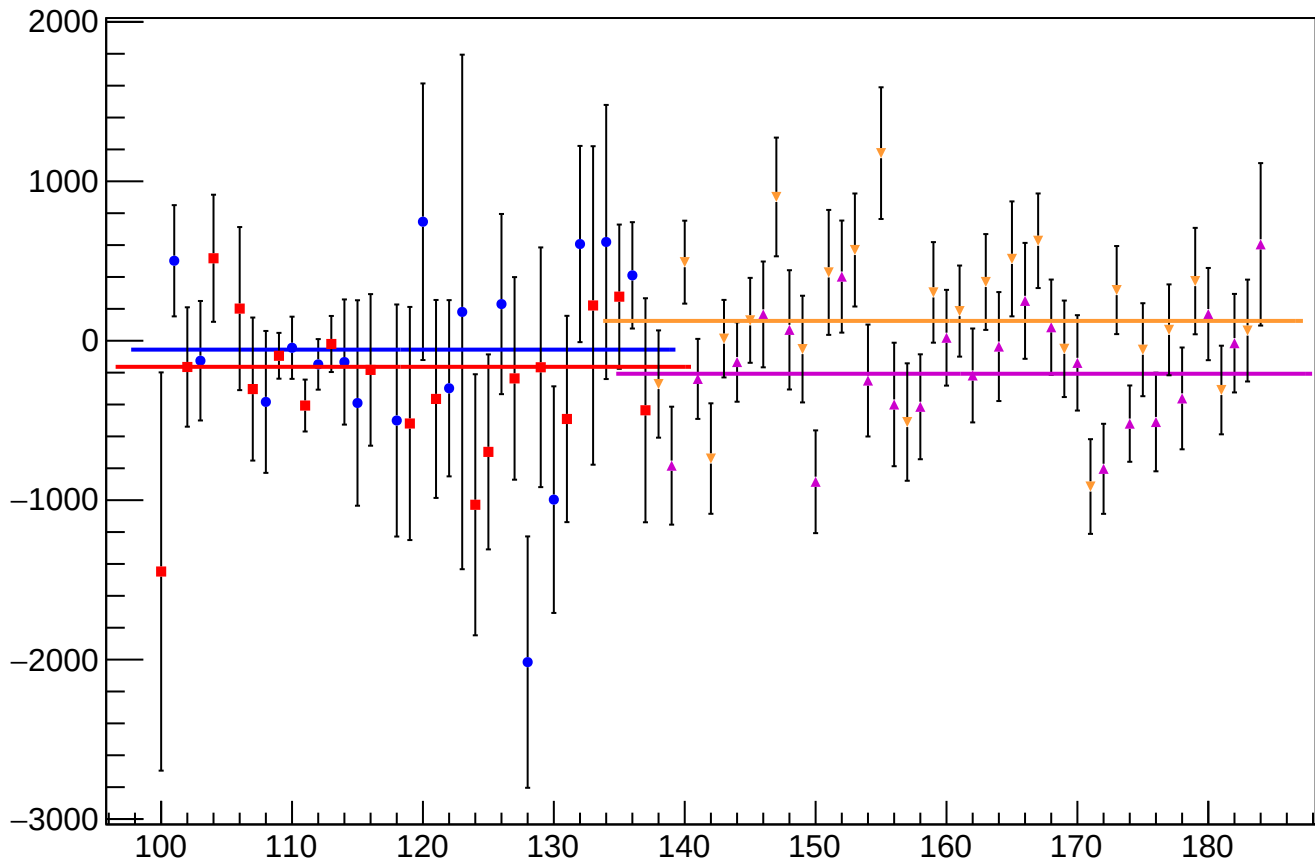
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 236.403+/-0.037 χ^2/NDF : 6575061.9/39

Out: 214.886+/-0.033 χ^2/NDF : 8815088.8/42

All: 224.666+/-0.025 χ^2/NDF : 15579406.4/82

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 124.425 ± 63.198 $\chi^2/\text{NDF}: 47.7/23$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -207.047 ± 65.246 $\chi^2/\text{NDF}: 27.8/22$

Left: -36.026 ± 45.395 $\chi^2/\text{NDF}: 88.7/46$

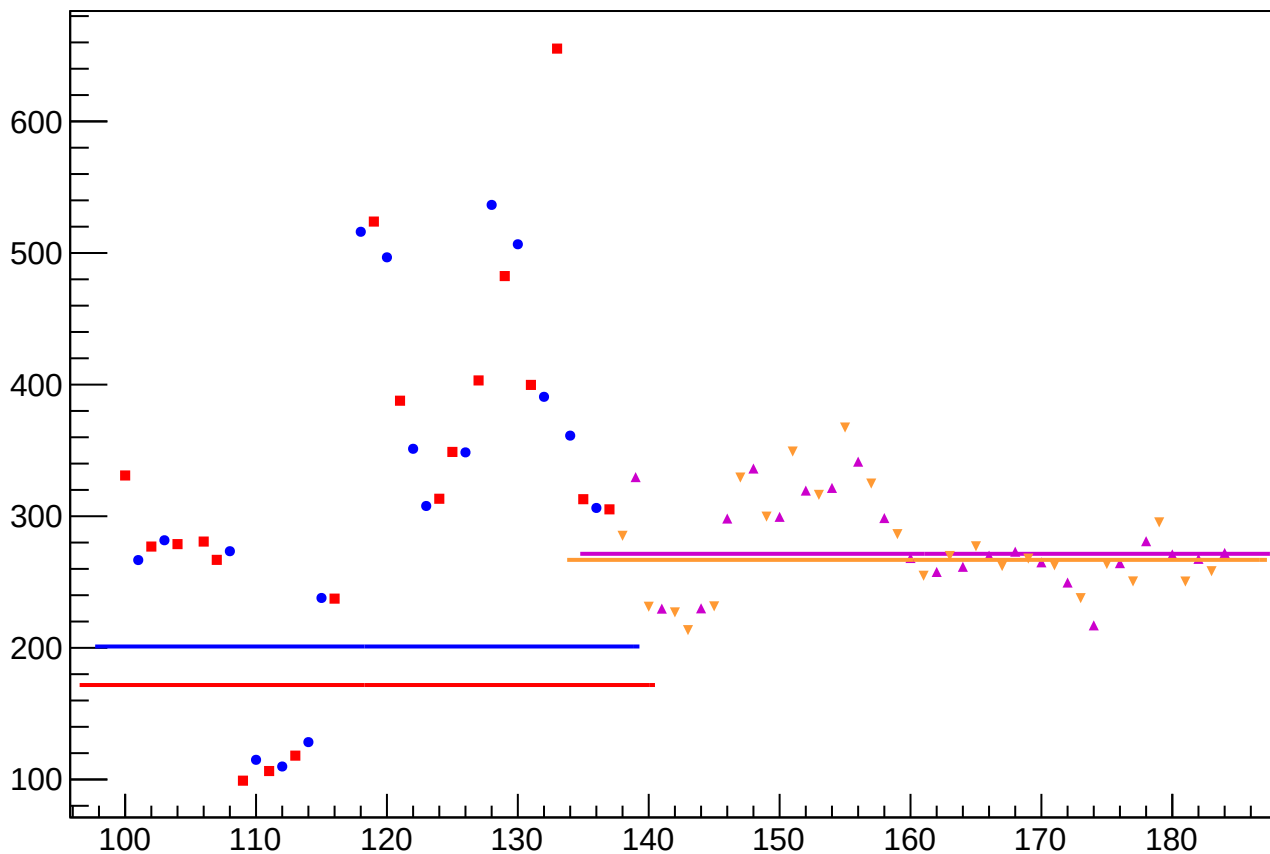
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -155.347 ± 52.940 $\chi^2/\text{NDF}: 46.8/39$

Out: 8.376 ± 48.832 $\chi^2/\text{NDF}: 67.5/42$

All: -66.887 ± 35.894 $\chi^2/\text{NDF}: 119.4/82$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 266.851 $\pm$ 0.045 χ^2/NDF : 638385.7/23

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 271.451 $\pm$ 0.046 χ^2/NDF : 530897.8/22

Left: 269.077 $\pm$ 0.032 χ^2/NDF : 1174413.2/46

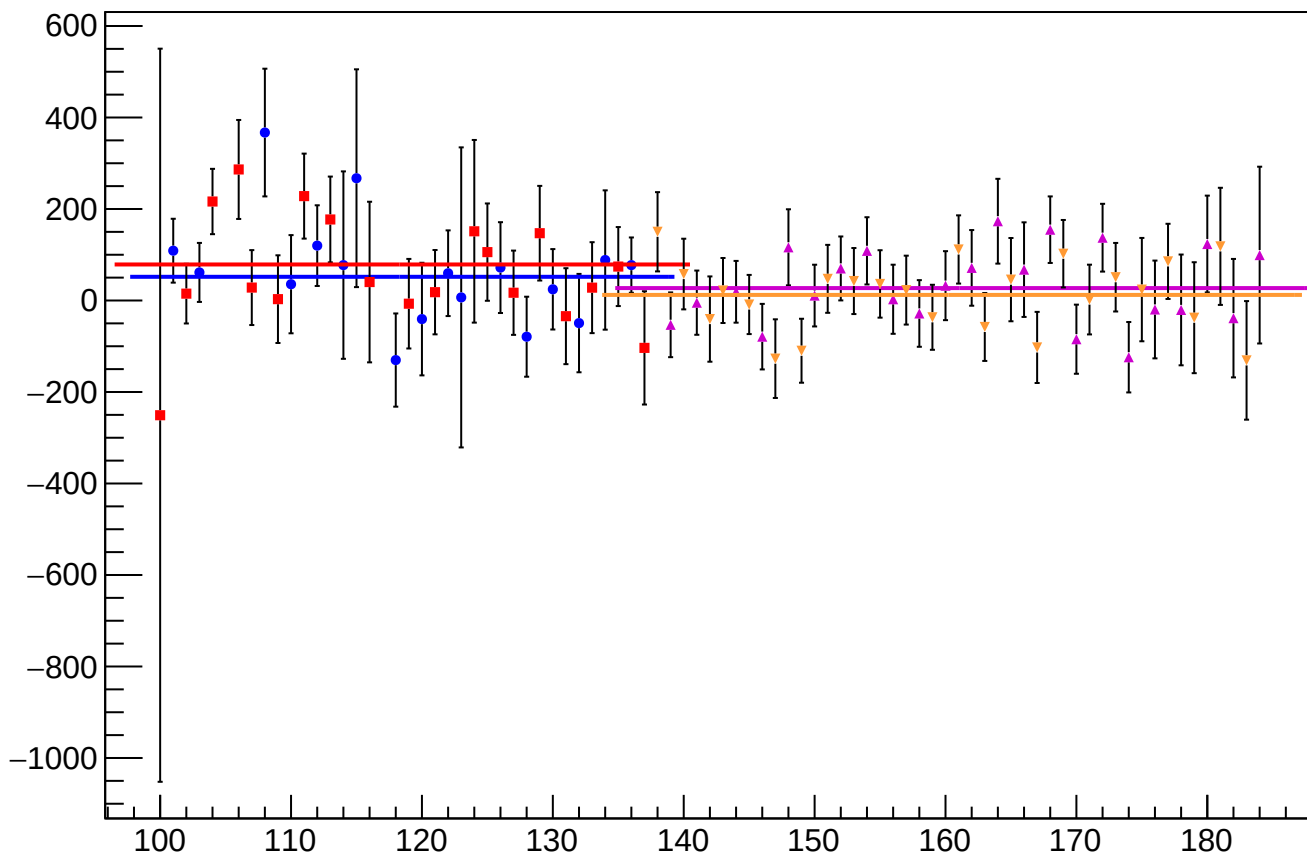
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 247.394 $\pm$ 0.037 χ^2/NDF : 4759756.2/39

Out: 228.535 $\pm$ 0.035 χ^2/NDF : 6560979.8/42

All: 237.204 $\pm$ 0.025 χ^2/NDF : 11457865.4/82

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2/NDF : 14.5/16

Left Out: 12.218 $\pm$ 16.392 χ^2/NDF :19.6/23

Right Out: 78.749 $\pm$ 22.490 χ^2/NDF : 19.1/18

Left In: 27.136 $\pm$ 16.869 χ^2/NDF :23.0/22

Left: 19.463 $\pm$ 11.756 χ^2/NDF : 43.1/46

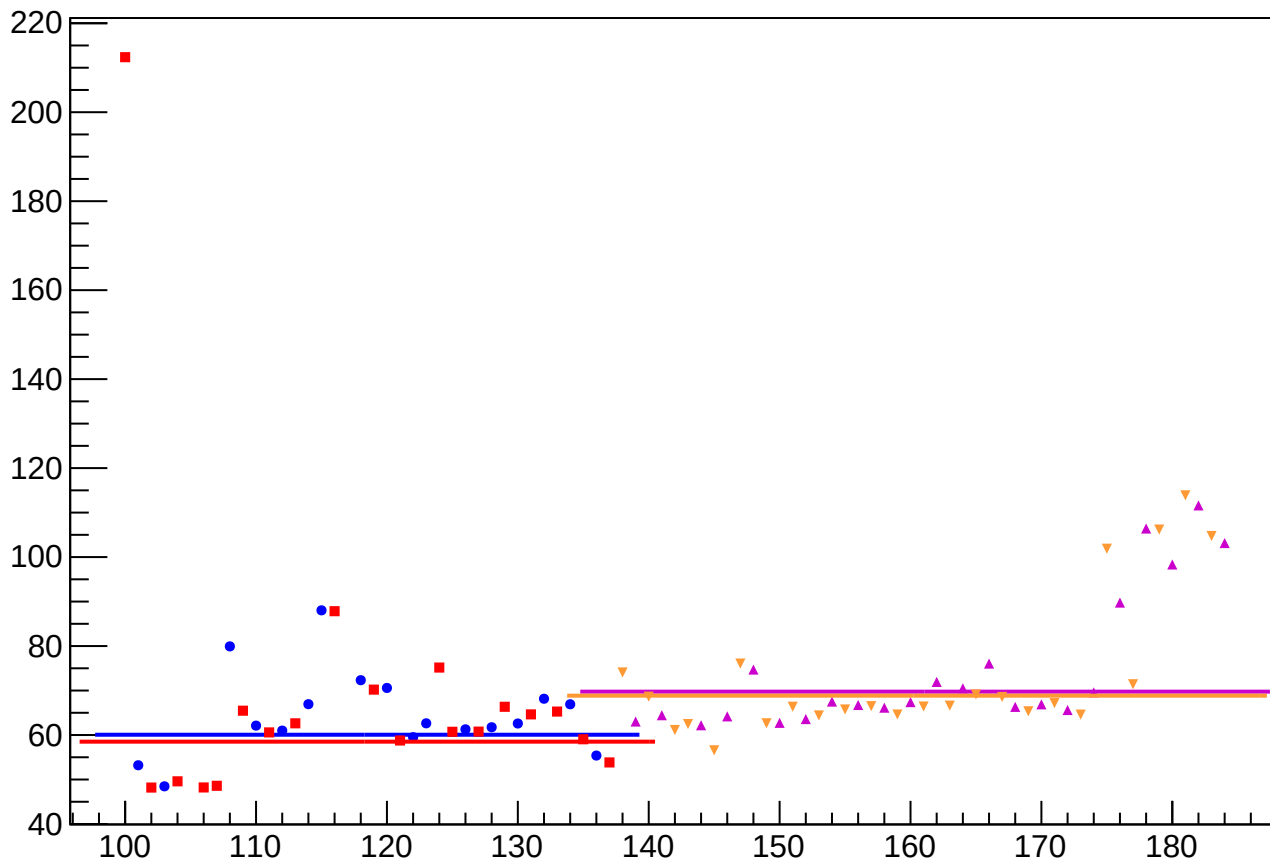
Right: 65.887 $\pm$ 16.261 χ^2/NDF : 34.4/35

In: 35.505 $\pm$ 13.711 χ^2/NDF :38.3/39

Out: 35.299 $\pm$ 13.247 χ^2/NDF :44.5/42

All: 35.398 $\pm$ 9.527 χ^2/NDF : 82.8/82

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 ± 0.017 $\chi^2/\text{NDF}: 229098.7/16$

Left Out: 68.846 ± 0.012 $\chi^2/\text{NDF}: 941029.2/23$

Right Out: 58.508 ± 0.016 $\chi^2/\text{NDF}: 348822.3/18$

Left In: 69.750 ± 0.012 $\chi^2/\text{NDF}: 813672.8/22$

Left: 69.285 ± 0.008 $\chi^2/\text{NDF}: 1757659.7/46$

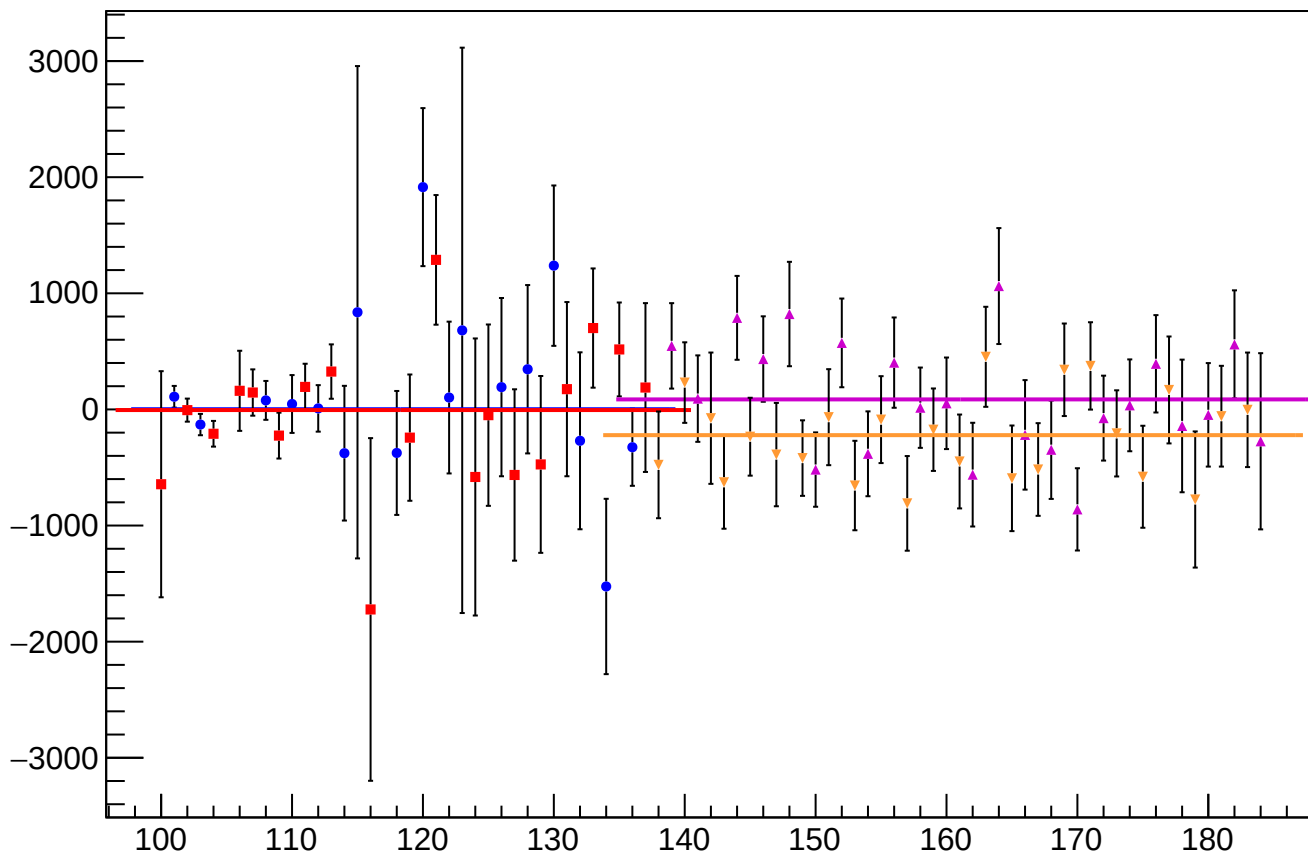
Right: 59.251 ± 0.011 $\chi^2/\text{NDF}: 582496.2/35$

In: 66.464 ± 0.010 $\chi^2/\text{NDF}: 1266468.8/39$

Out: 65.259 ± 0.009 $\chi^2/\text{NDF}: 1565789.6/42$

All: 65.841 ± 0.007 $\chi^2/\text{NDF}: 2840243.6/82$

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: -221.530 $\pm$ 83.045 χ^2 /NDF:18.4/23

Right Out: -5.402 $\pm$ 56.516 χ^2 /NDF: 20.7/18

Left In: 86.274 $\pm$ 84.158 χ^2 /NDF:33.3/22

Left: -69.677 $\pm$ 59.112 χ^2 /NDF: 58.4/46

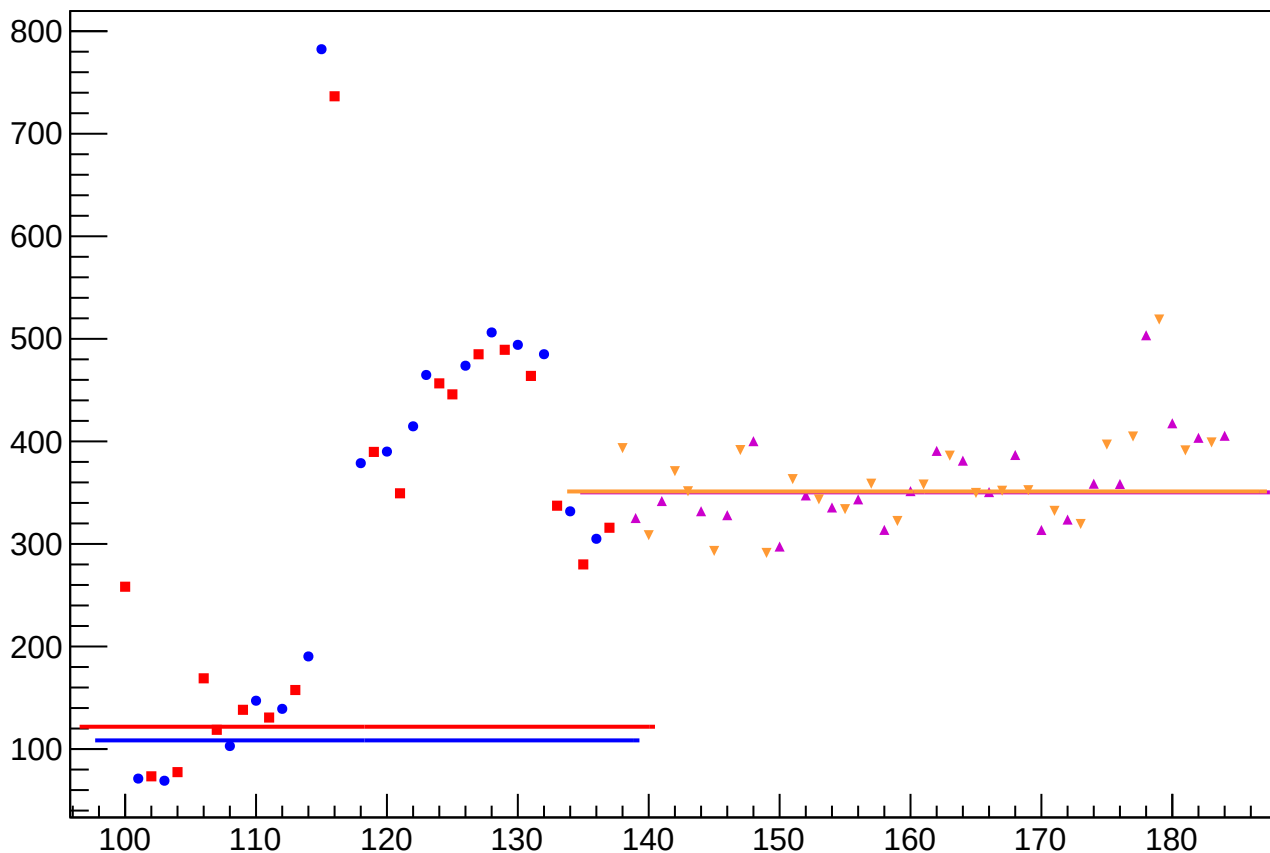
Right: -1.770 $\pm$ 39.150 χ^2 /NDF: 42.1/35

In: 26.465 $\pm$ 45.618 χ^2 /NDF:55.4/39

Out: -73.815 $\pm$ 46.723 χ^2 /NDF:43.7/42

All: -22.475 $\pm$ 32.640 χ^2 /NDF: 101.4/82

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 351.177 $\pm$ 0.059 χ^2 /NDF:495981.2/23

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 350.292 $\pm$ 0.060 χ^2 /NDF:427103.1/22

Left: 350.740 $\pm$ 0.042 χ^2 /NDF: 923196.4/46

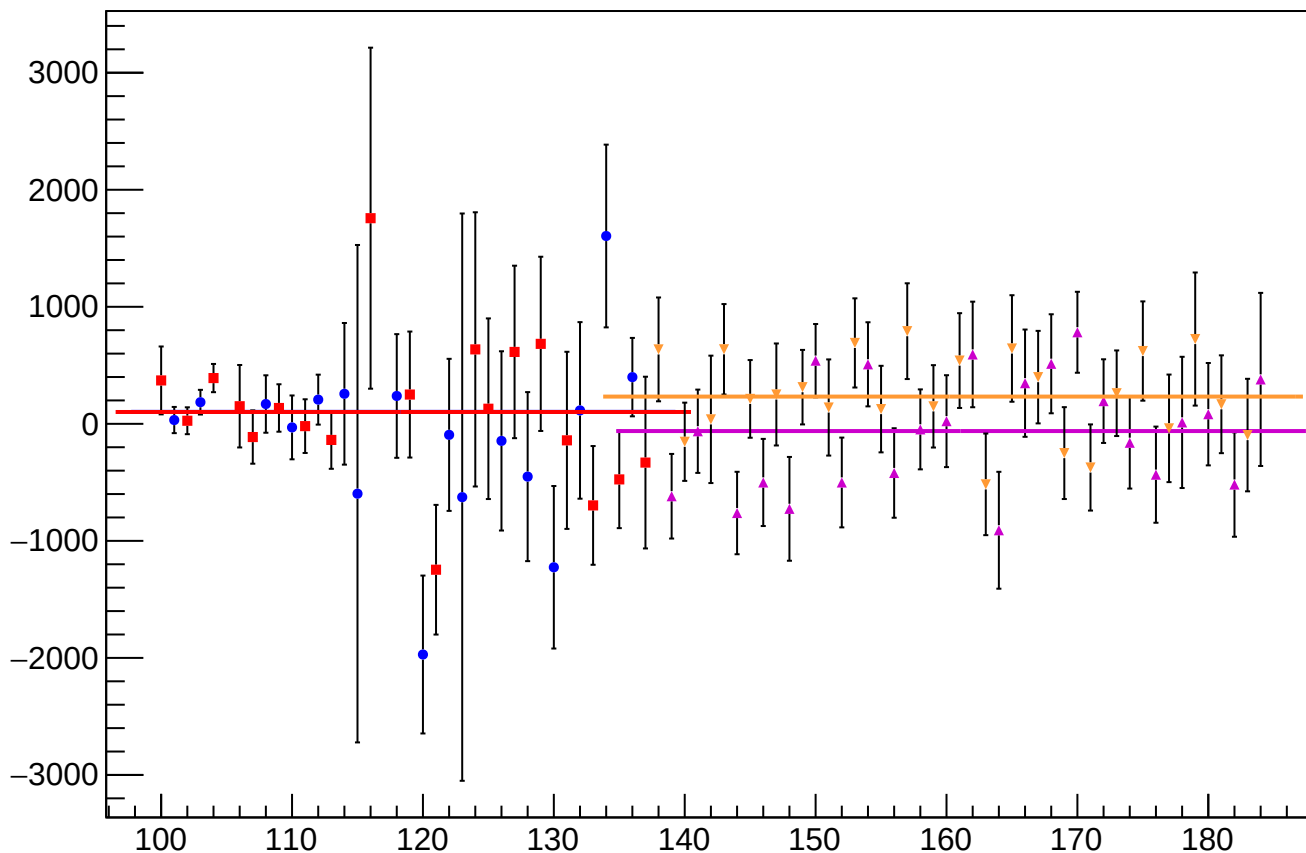
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 179.503 $\pm$ 0.032 χ^2 /NDF:17494914.7/39

Out: 194.383 $\pm$ 0.033 χ^2 /NDF:15698514.8/42

All: 186.764 $\pm$ 0.023 χ^2 /NDF: 33297282.7/82

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 232.807 $\pm$ 81.673 χ^2 /NDF:18.2/23

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -61.730 $\pm$ 82.841 χ^2 /NDF:34.9/22

Left: 87.629 $\pm$ 58.160 χ^2 /NDF: 59.5/46

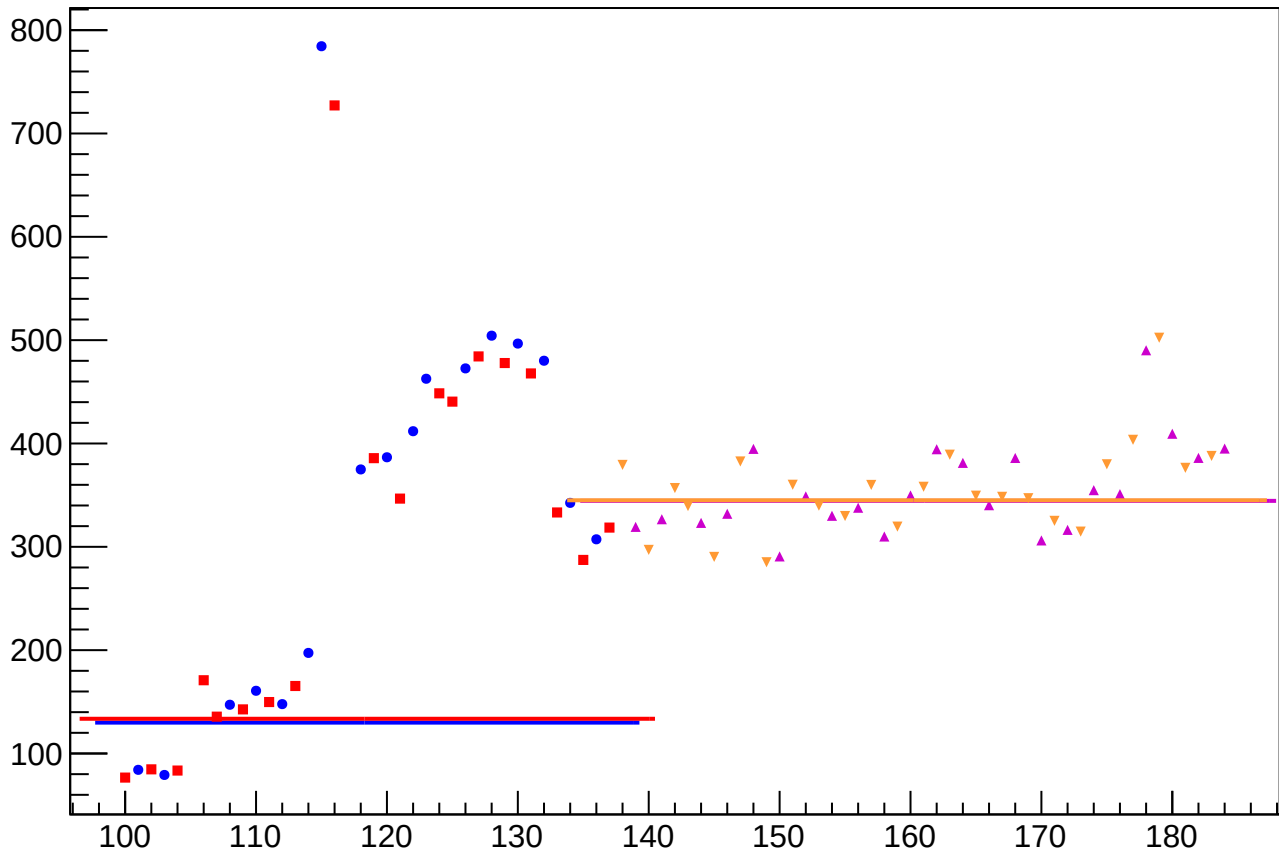
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 41.991 $\pm$ 50.211 χ^2 /NDF:57.7/39

Out: 148.204 $\pm$ 48.794 χ^2 /NDF:42.5/42

All: 96.617 $\pm$ 34.993 χ^2 /NDF: 102.5/82

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 345.040+/-0.058 χ^2/NDF : 483383.1/23

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 344.475+/-0.059 χ^2/NDF : 433401.7/22

Left: 344.761+/-0.041 χ^2/NDF : 916831.9/46

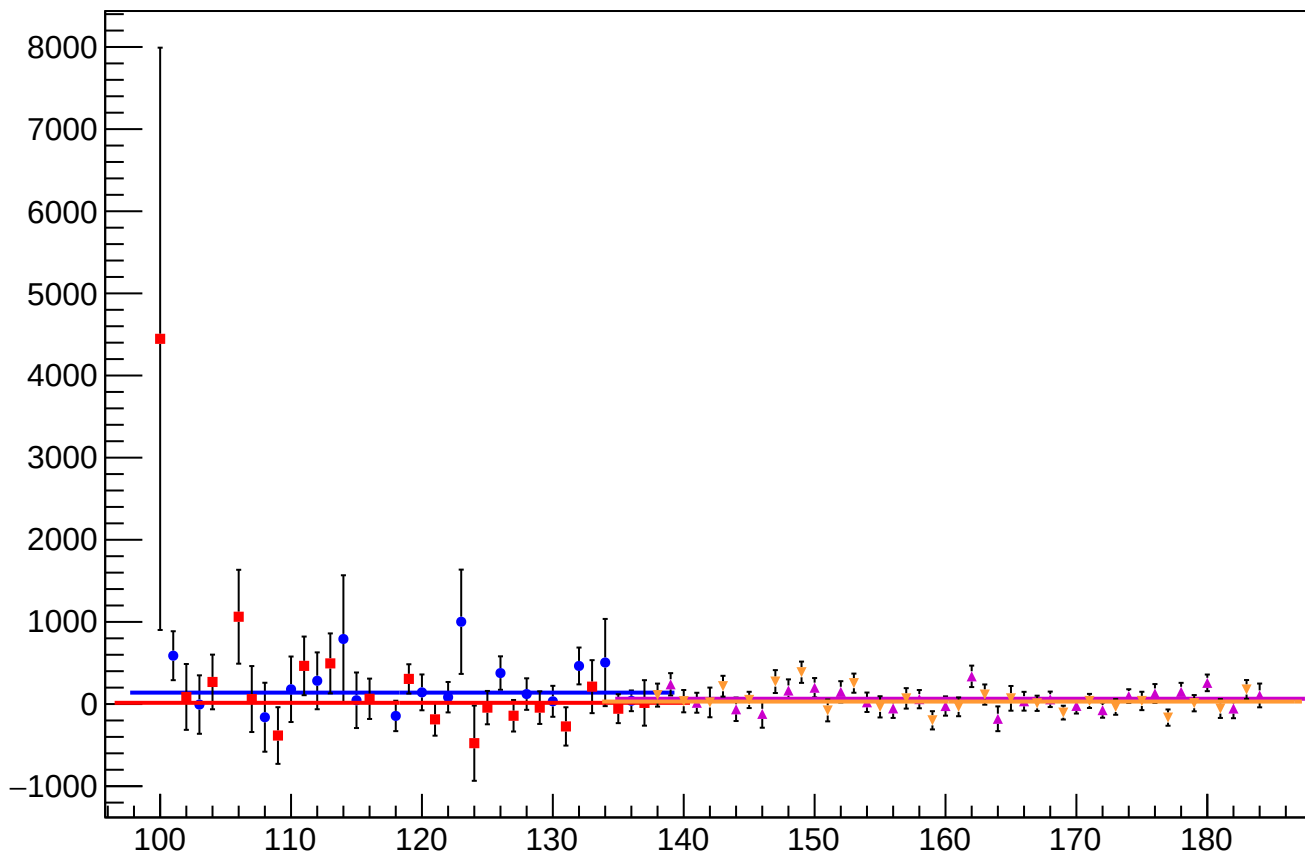
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 208.717+/-0.036 χ^2/NDF : 13753068.3/39

Out: 209.069+/-0.035 χ^2/NDF : 13466464.9/42

All: 208.898+/-0.025 χ^2/NDF : 27219583.8/82

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 30.196 $\pm$ 23.108 χ^2 /NDF:32.2/23

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 64.518 $\pm$ 24.006 χ^2 /NDF:23.8/22

Left: 46.703 $\pm$ 16.648 χ^2 /NDF: 57.0/46

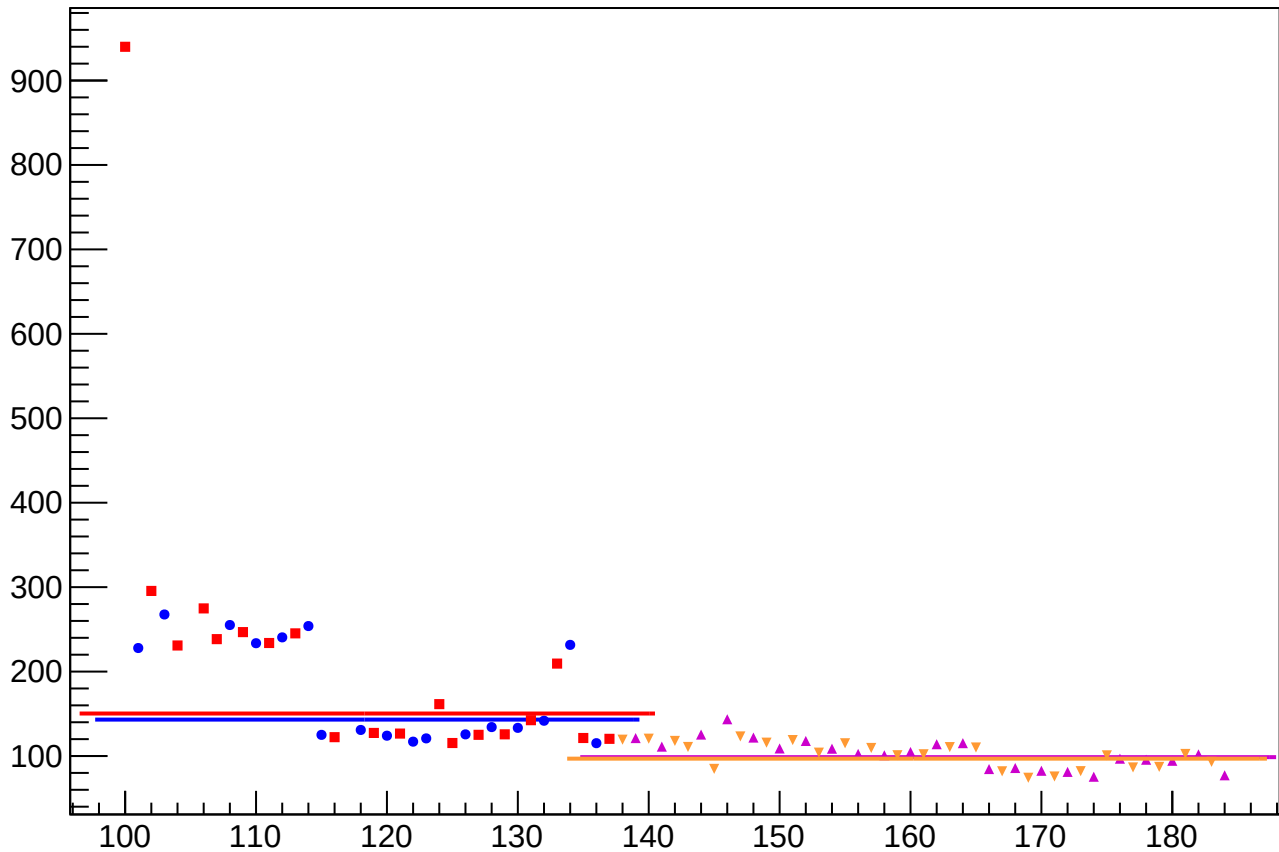
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 75.431 $\pm$ 22.180 χ^2 /NDF:38.3/39

Out: 28.229 $\pm$ 21.570 χ^2 /NDF:50.2/42

All: 51.171 $\pm$ 15.463 χ^2 /NDF: 90.9/82

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 96.892 $\pm$ 0.016 χ^2 /NDF: 894066.1/23

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 98.672 $\pm$ 0.017 χ^2 /NDF: 883912.4/22

Left: 97.748 $\pm$ 0.012 χ^2 /NDF: 1783687.0/46

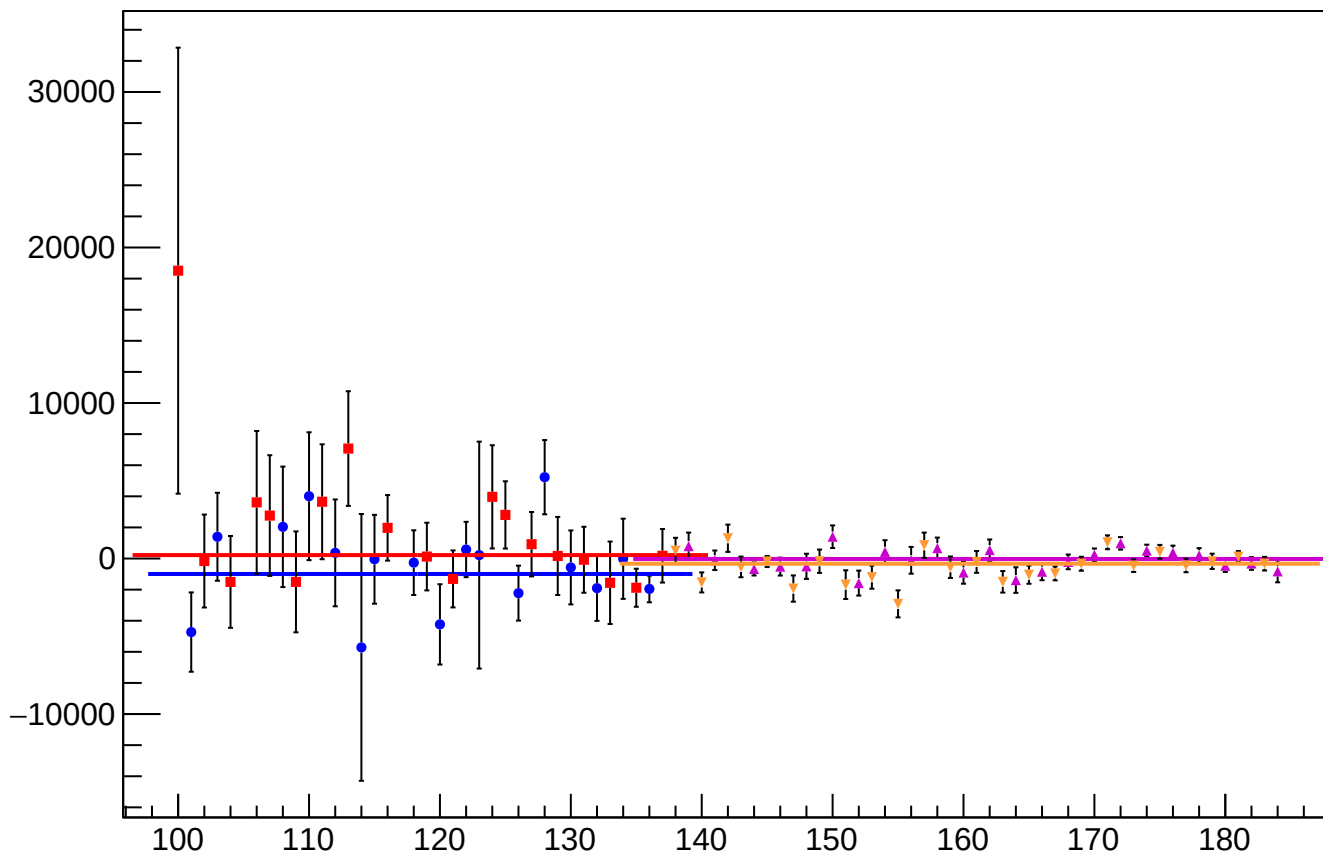
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 105.179 $\pm$ 0.016 χ^2 /NDF: 2989383.4/39

Out: 103.772 $\pm$ 0.015 χ^2 /NDF: 3703217.3/42

All: 104.456 $\pm$ 0.011 χ^2 /NDF: 6696740.4/82

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -332.272+/-110.352 χ^2/NDF : 47.1/23

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -27.826+/-112.415 χ^2/NDF : 33.3/22

Left: -182.868+/-78.750 χ^2/NDF : 84.2/46

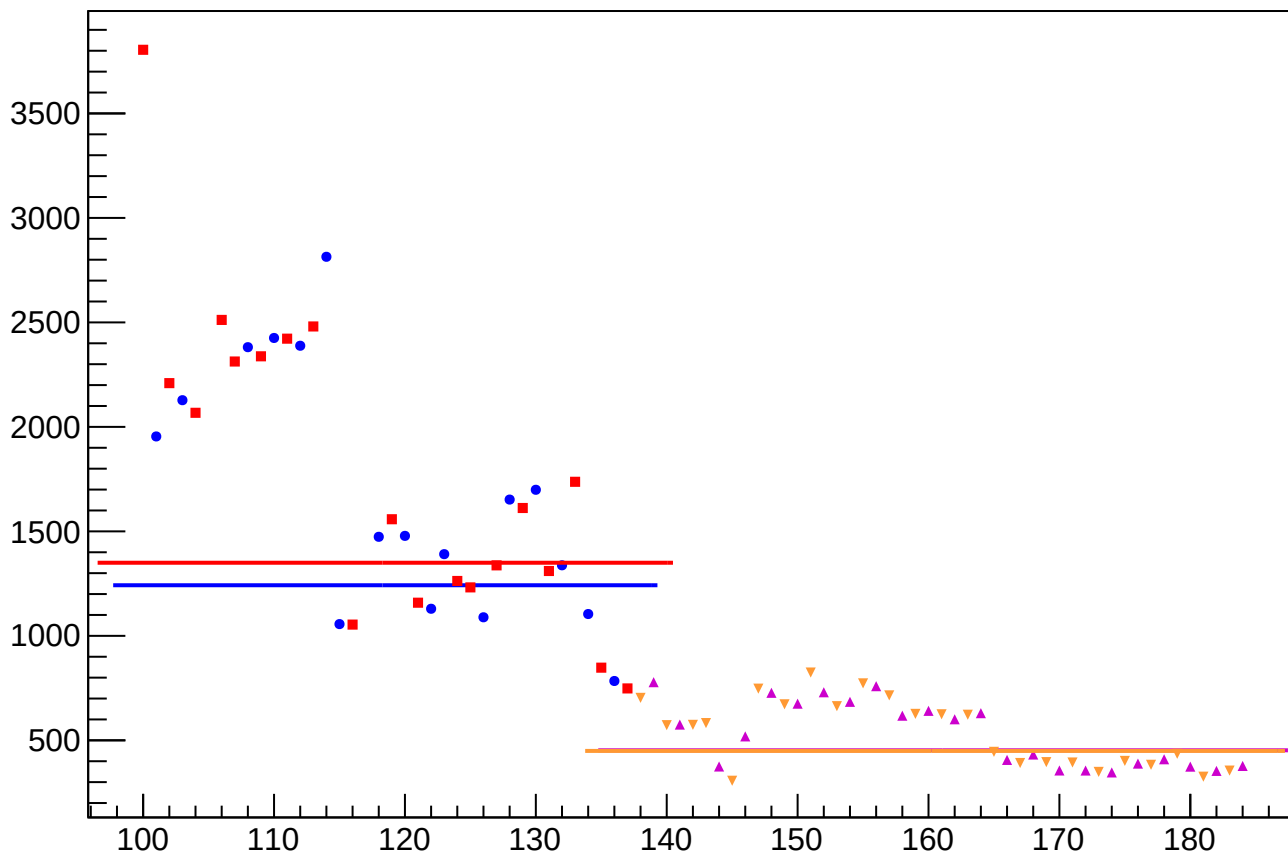
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -71.520+/-109.843 χ^2/NDF : 53.6/39

Out: -310.347+/-108.145 χ^2/NDF : 63.3/42

All: -192.794+/-77.063 χ^2/NDF : 119.3/82

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2/NDF : 1767422.8/16

Left Out: 449.365 $\pm$ 0.078 χ^2/NDF : 3113871.5/23

Right Out: 1349.870 $\pm$ 0.384 χ^2/NDF : 1867853.5/18

Left In: 452.323 $\pm$ 0.079 χ^2/NDF : 2675264.3/22

Left: 450.817 $\pm$ 0.056 χ^2/NDF : 5789840.7/46

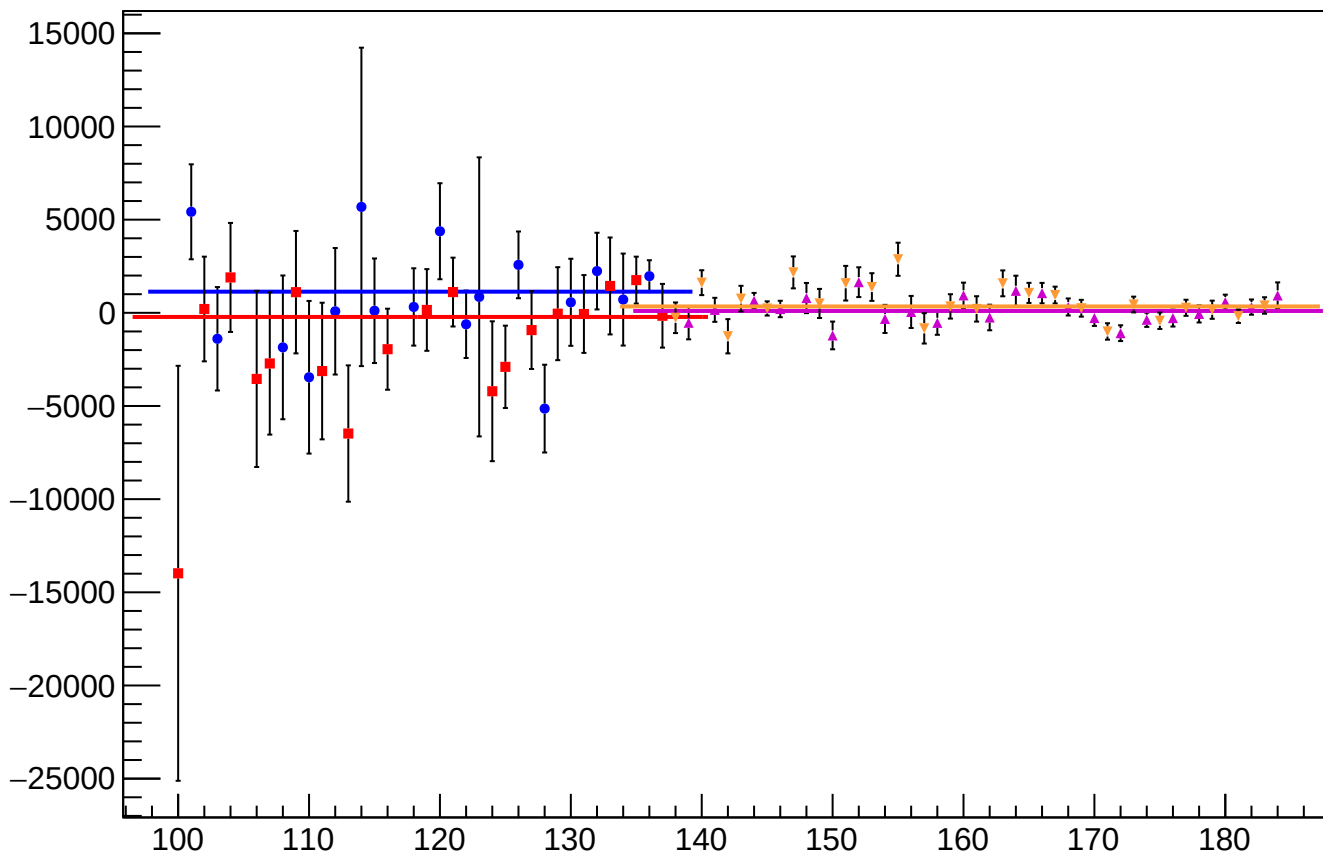
Right: 1293.283 $\pm$ 0.265 χ^2/NDF : 3676549.5/35

In: 488.051 $\pm$ 0.078 χ^2/NDF : 8908873.3/39

Out: 485.028 $\pm$ 0.076 χ^2/NDF : 10256026.0/42

All: 486.516 $\pm$ 0.054 χ^2/NDF : 19165668.8/82

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 342.585 $\pm$ 111.335 χ^2 /NDF:47.8/23

Right Out: -220.849 $\pm$ 547.528 χ^2 /NDF: 13.5/18

Left In: 99.475 $\pm$ 111.475 χ^2 /NDF:32.1/22

Left: 221.183 $\pm$ 78.775 χ^2 /NDF: 82.3/46

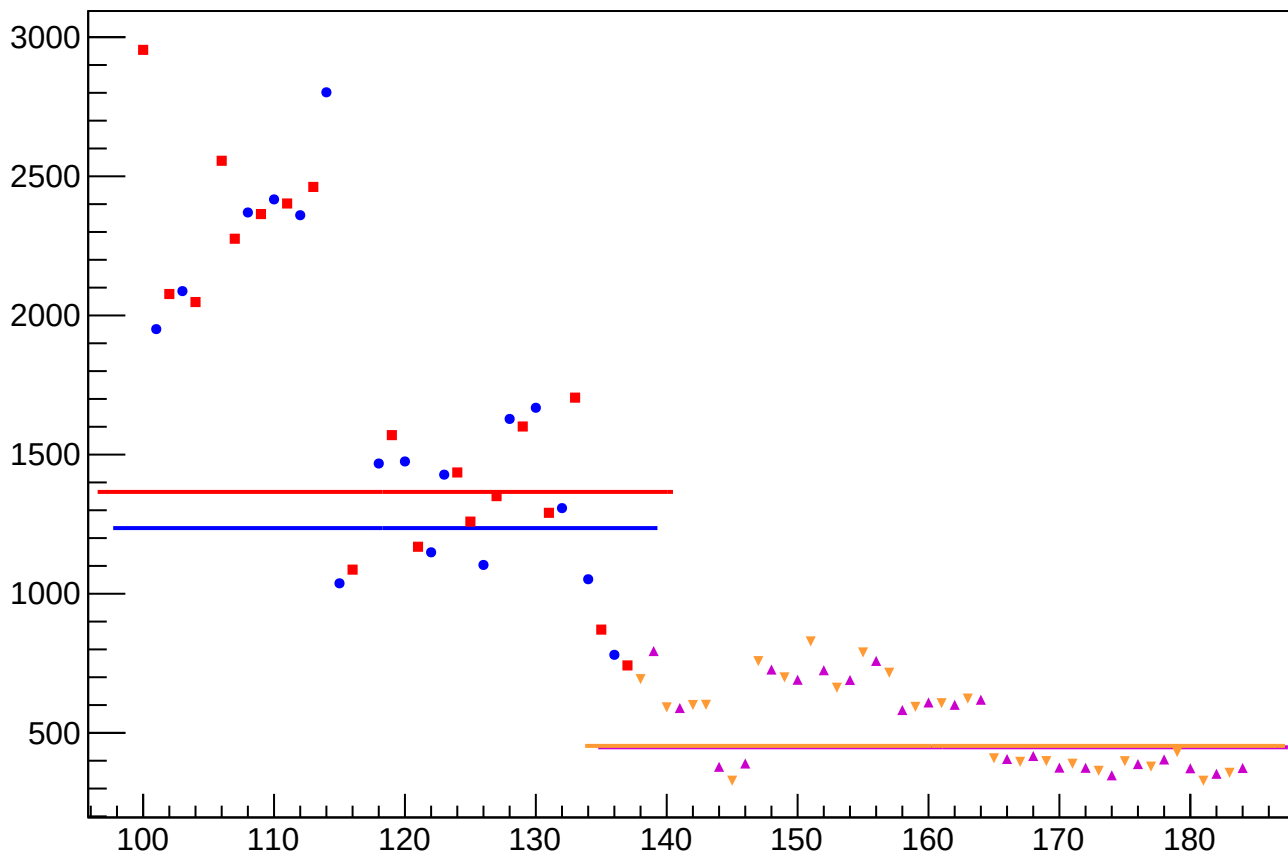
Right: 500.276 $\pm$ 374.656 χ^2 /NDF: 34.5/35

In: 146.043 $\pm$ 108.940 χ^2 /NDF:53.7/39

Out: 320.214 $\pm$ 109.102 χ^2 /NDF:62.3/42

All: 232.999 $\pm$ 77.090 χ^2 /NDF: 117.3/82

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2/NDF : 1745716.2/16

Left Out: 453.298 $\pm$ 0.079 χ^2/NDF : 2993489.5/23

Right Out: 1365.941 $\pm$ 0.387 χ^2/NDF : 1750044.7/18

Left In: 448.238 $\pm$ 0.079 χ^2/NDF : 2563455.5/22

Left: 450.772 $\pm$ 0.056 χ^2/NDF : 5559008.0/46

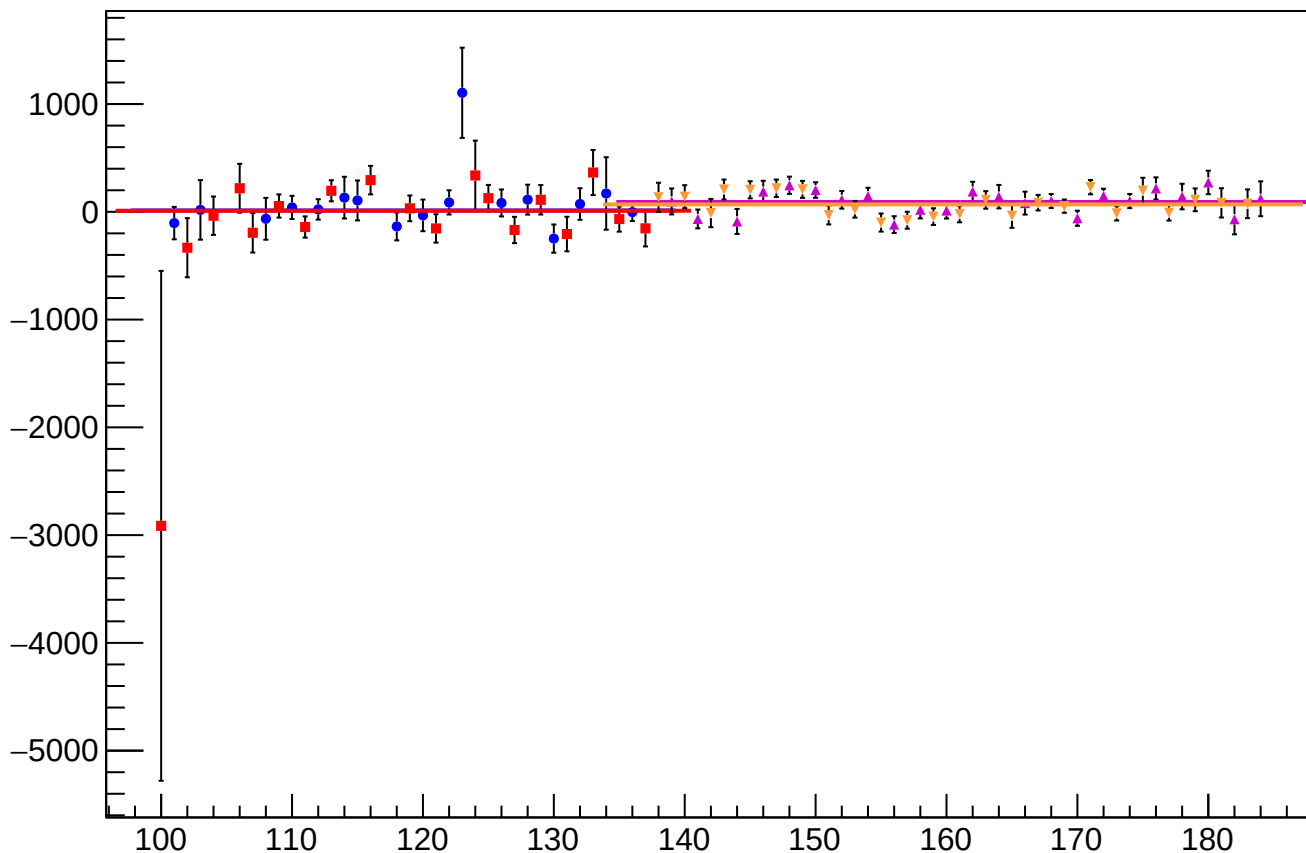
Right: 1296.809 $\pm$ 0.265 χ^2/NDF : 3555718.8/35

In: 483.654 $\pm$ 0.077 χ^2/NDF : 8799055.4/39

Out: 489.536 $\pm$ 0.077 χ^2/NDF : 10079622.9/42

All: 486.591 $\pm$ 0.055 χ^2/NDF : 18881588.8/82

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: 68.809 $\pm$ 17.346 χ^2 /NDF:36.5/23

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 90.640 $\pm$ 18.057 χ^2 /NDF:35.0/22

Left: 79.286 $\pm$ 12.509 χ^2 /NDF: 72.2/46

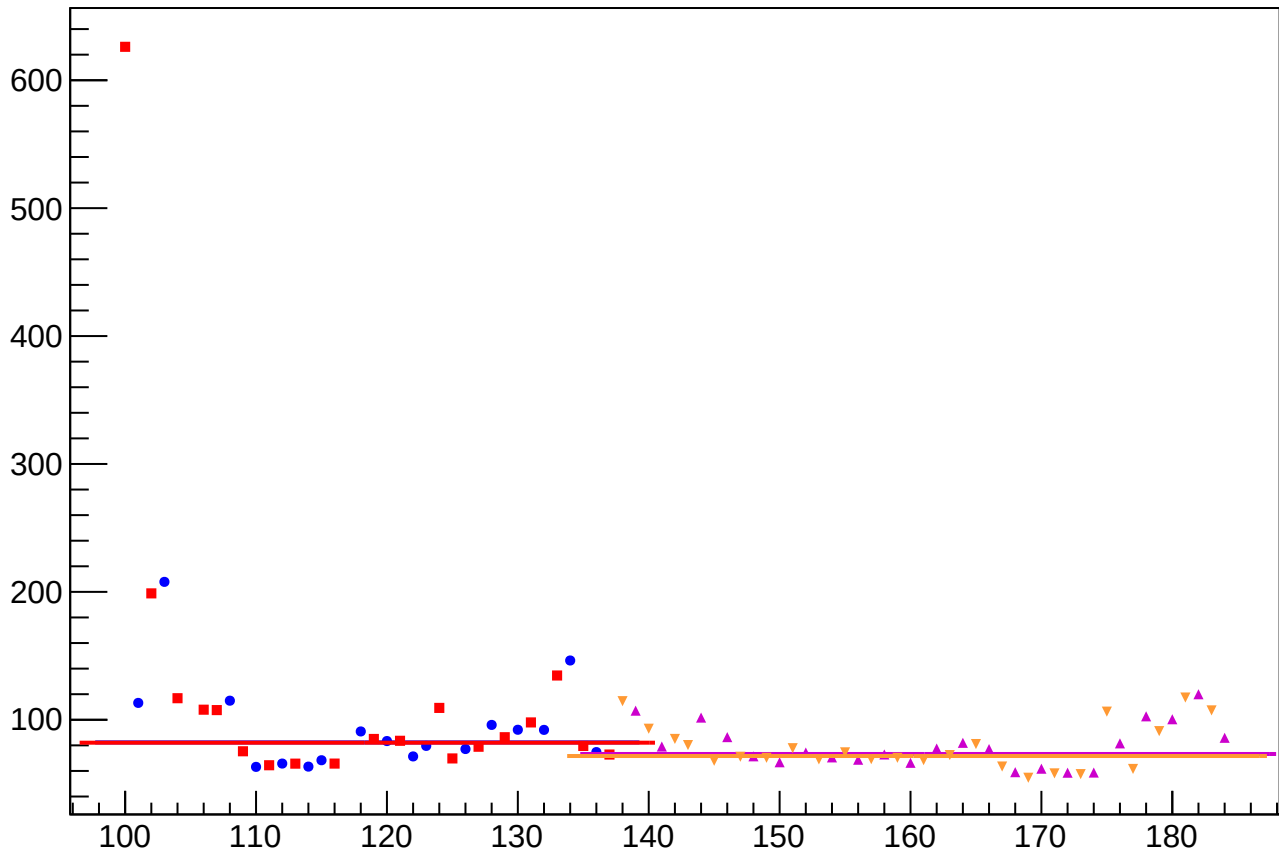
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 72.782 $\pm$ 15.866 χ^2 /NDF:54.7/39

Out: 55.843 $\pm$ 15.313 χ^2 /NDF:67.3/42

All: 64.012 $\pm$ 11.018 χ^2 /NDF: 122.5/82

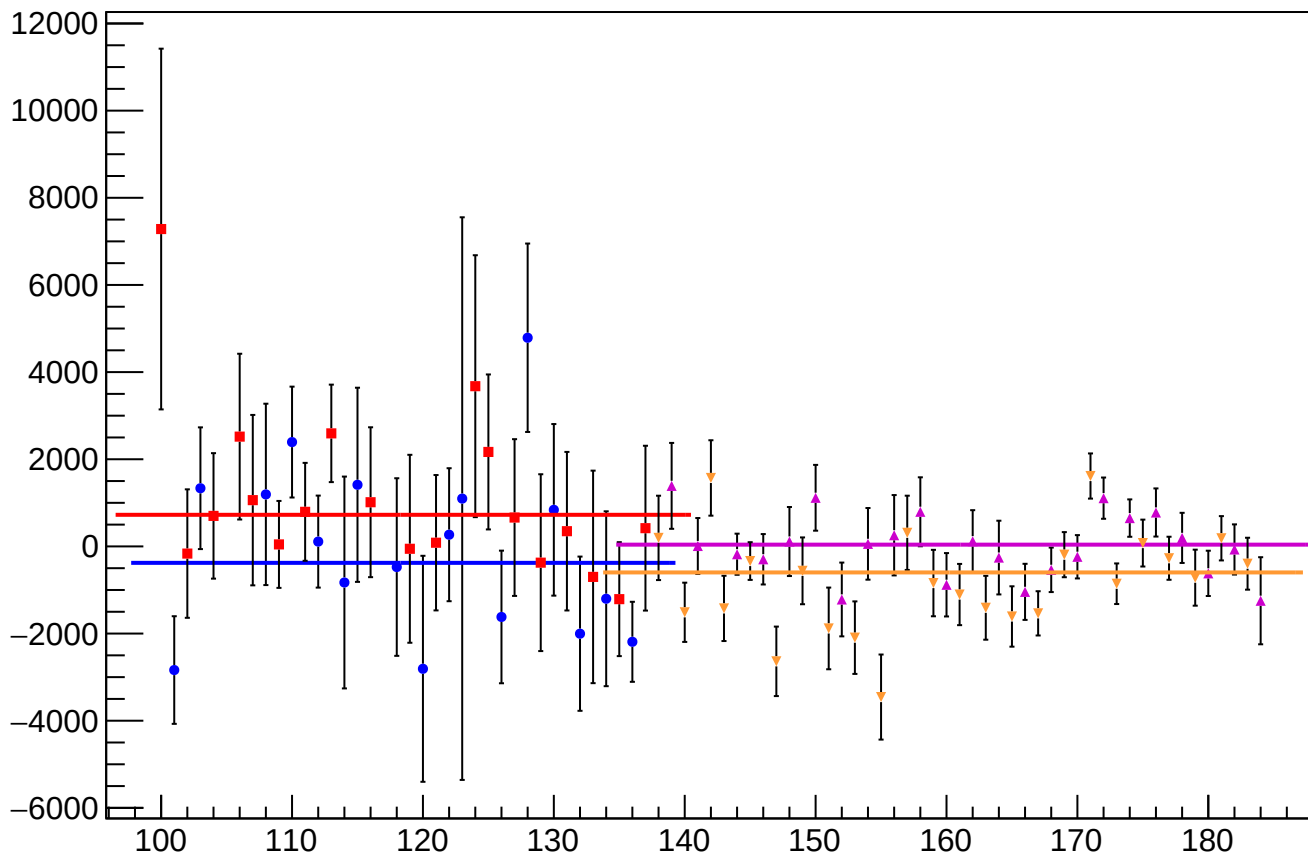
dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16
 Left Out: 71.669 $\pm$ 0.012 χ^2 /NDF: 1354557.0/23
 Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18
 Left In: 73.261 $\pm$ 0.013 χ^2 /NDF: 1222046.2/22

Left: 72.433 $\pm$ 0.009 χ^2 /NDF: 2584691.2/46
 Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35
 In: 75.323 $\pm$ 0.011 χ^2 /NDF: 2205190.9/39
 Out: 73.968 $\pm$ 0.011 χ^2 /NDF: 2472843.7/42
 All: 74.622 $\pm$ 0.008 χ^2 /NDF: 4685588.8/82

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -597.408+/-128.810 χ^2/NDF :62.8/23

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 40.329+/-129.731 χ^2/NDF :26.1/22

Left: -280.811+/-91.407 χ^2/NDF : 101.0/46

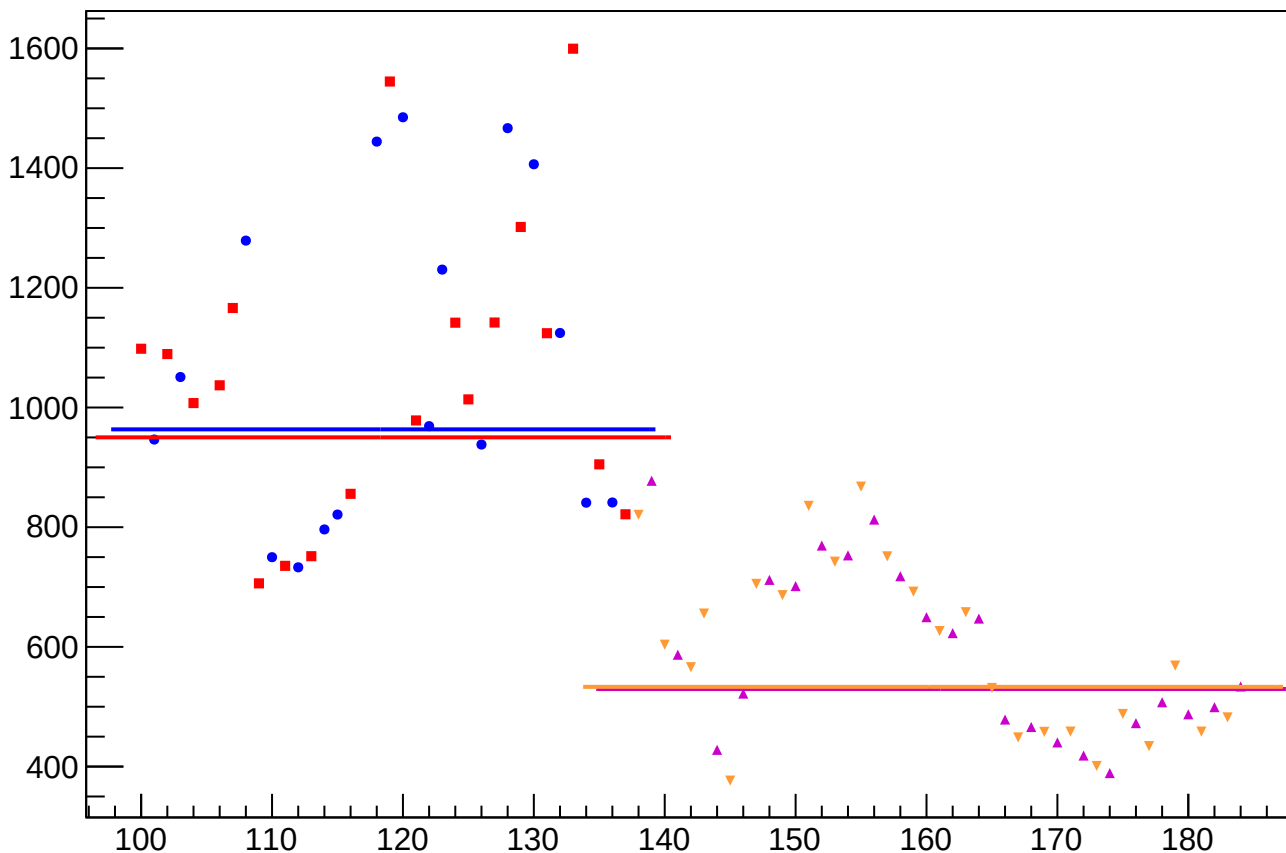
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -2.479+/-122.903 χ^2/NDF :51.6/39

Out: -452.467+/-121.548 χ^2/NDF :86.3/42

All: -229.968+/-86.422 χ^2/NDF : 144.6/82

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: 533.216 $\pm$ 0.091 χ^2 /NDF: 2029141.0/23

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

Left In: 529.591 $\pm$ 0.092 χ^2 /NDF: 1781741.4/22

Left: 531.417 $\pm$ 0.065 χ^2 /NDF: 3811668.7/46

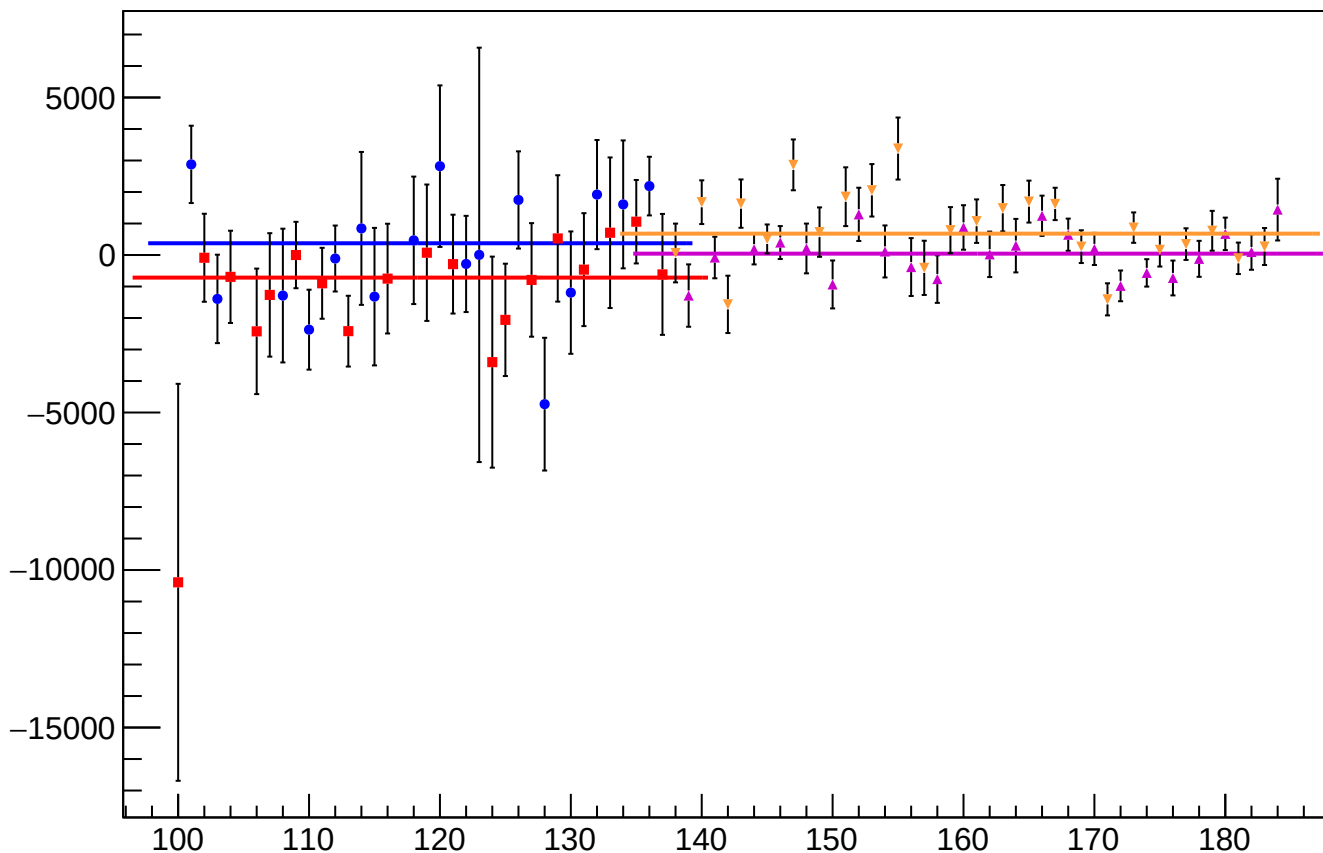
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 574.061 $\pm$ 0.087 χ^2 /NDF: 4763446.1/39

Out: 578.904 $\pm$ 0.086 χ^2 /NDF: 5057044.7/42

All: 576.509 $\pm$ 0.061 χ^2 /NDF: 9822060.4/82

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 ± 383.661 χ^2/NDF : 25.3/16

Left Out: 678.199 ± 129.480 χ^2/NDF : 60.2/23

Right Out: -717.404 ± 371.769 χ^2/NDF : 10.1/18

Left In: 43.183 ± 129.538 χ^2/NDF : 26.0/22

Left: 360.834 ± 91.576 χ^2/NDF : 98.2/46

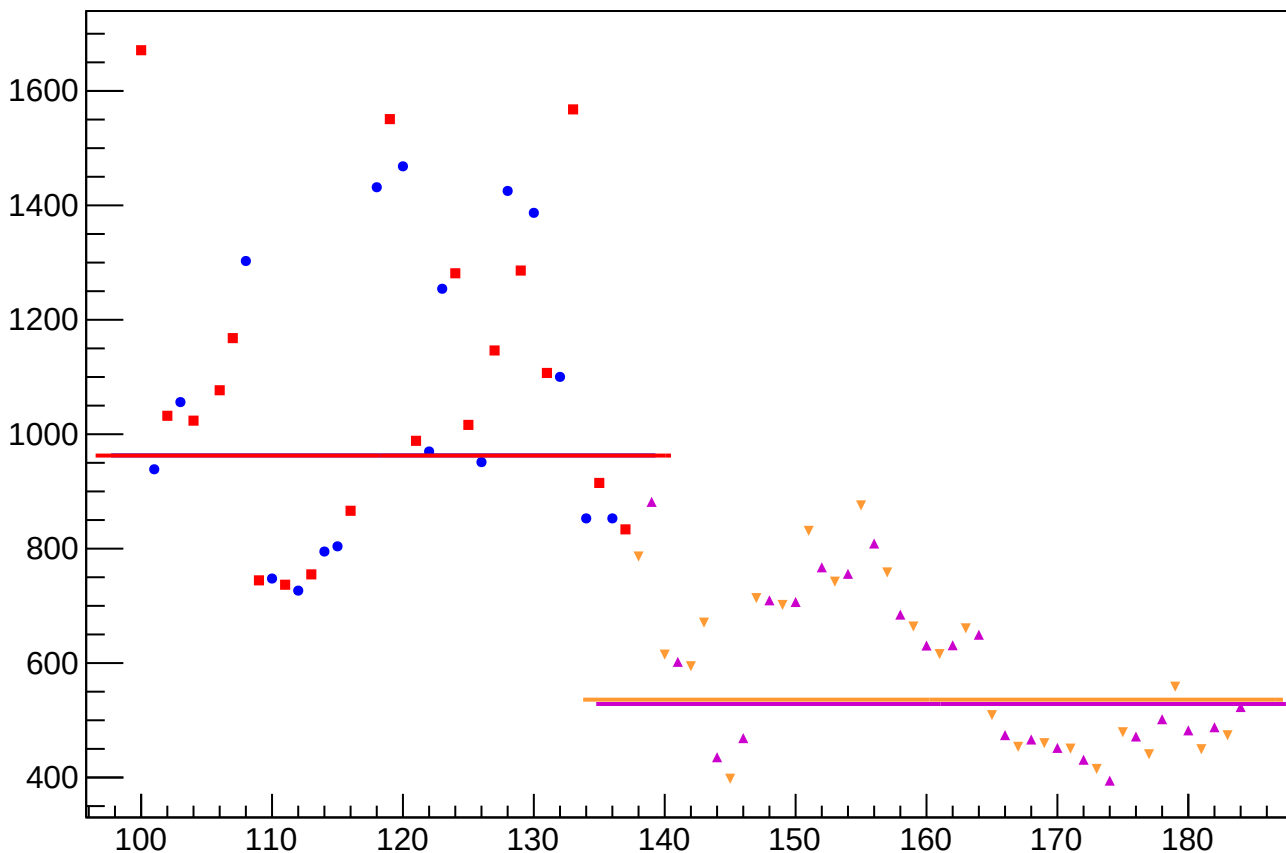
Right: -189.414 ± 266.986 χ^2/NDF : 39.6/35

In: 76.923 ± 122.731 χ^2/NDF : 52.0/39

Out: 527.227 ± 122.276 χ^2/NDF : 82.8/42

All: 302.912 ± 86.623 χ^2/NDF : 141.6/82

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 536.071+/-0.092 χ^2/NDF : 1906389.3/23

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 528.464+/-0.092 χ^2/NDF : 1712049.5/22

Left: 532.270+/-0.065 χ^2/NDF : 3621888.9/46

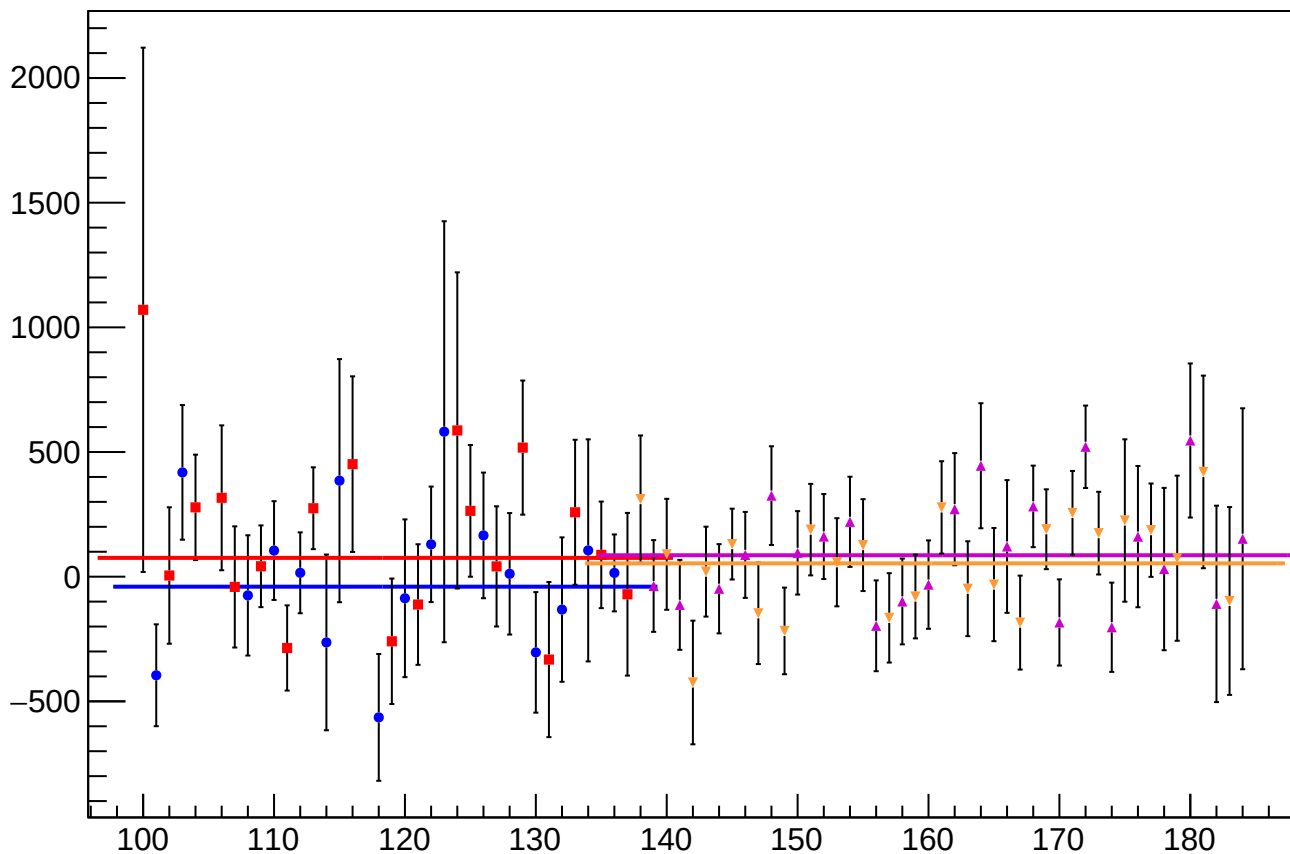
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 572.928+/-0.087 χ^2/NDF : 4682290.3/39

Out: 582.222+/-0.086 χ^2/NDF : 4951584.6/42

All: 577.592+/-0.061 χ^2/NDF : 9639630.1/82

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 53.460 ± 40.064 $\chi^2/\text{NDF}: 19.4/23$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 85.917 ± 41.591 $\chi^2/\text{NDF}: 27.2/22$

Left: 69.082 ± 28.854 $\chi^2/\text{NDF}: 46.8/46$

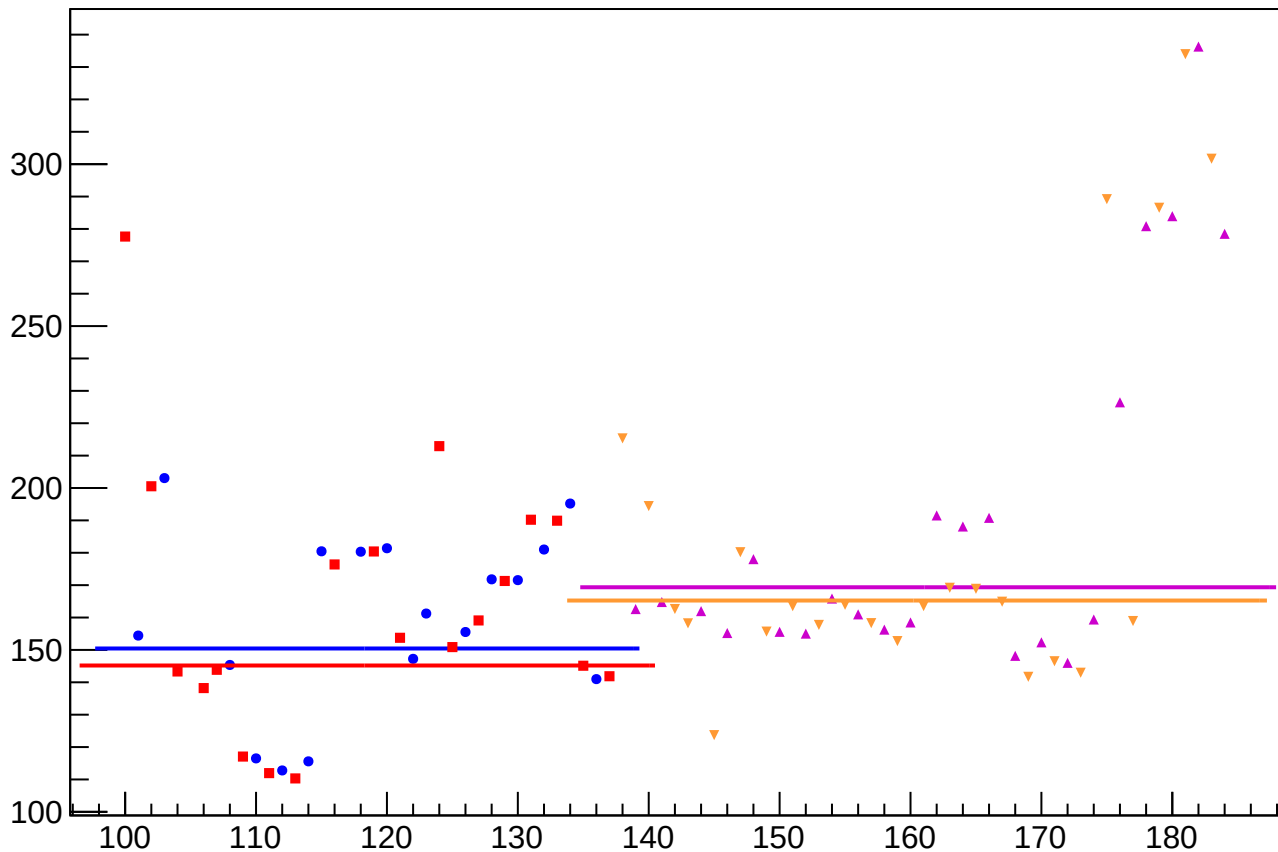
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 44.318 ± 34.043 $\chi^2/\text{NDF}: 45.5/39$

Out: 60.868 ± 32.630 $\chi^2/\text{NDF}: 37.9/42$

All: 52.944 ± 23.556 $\chi^2/\text{NDF}: 83.6/82$

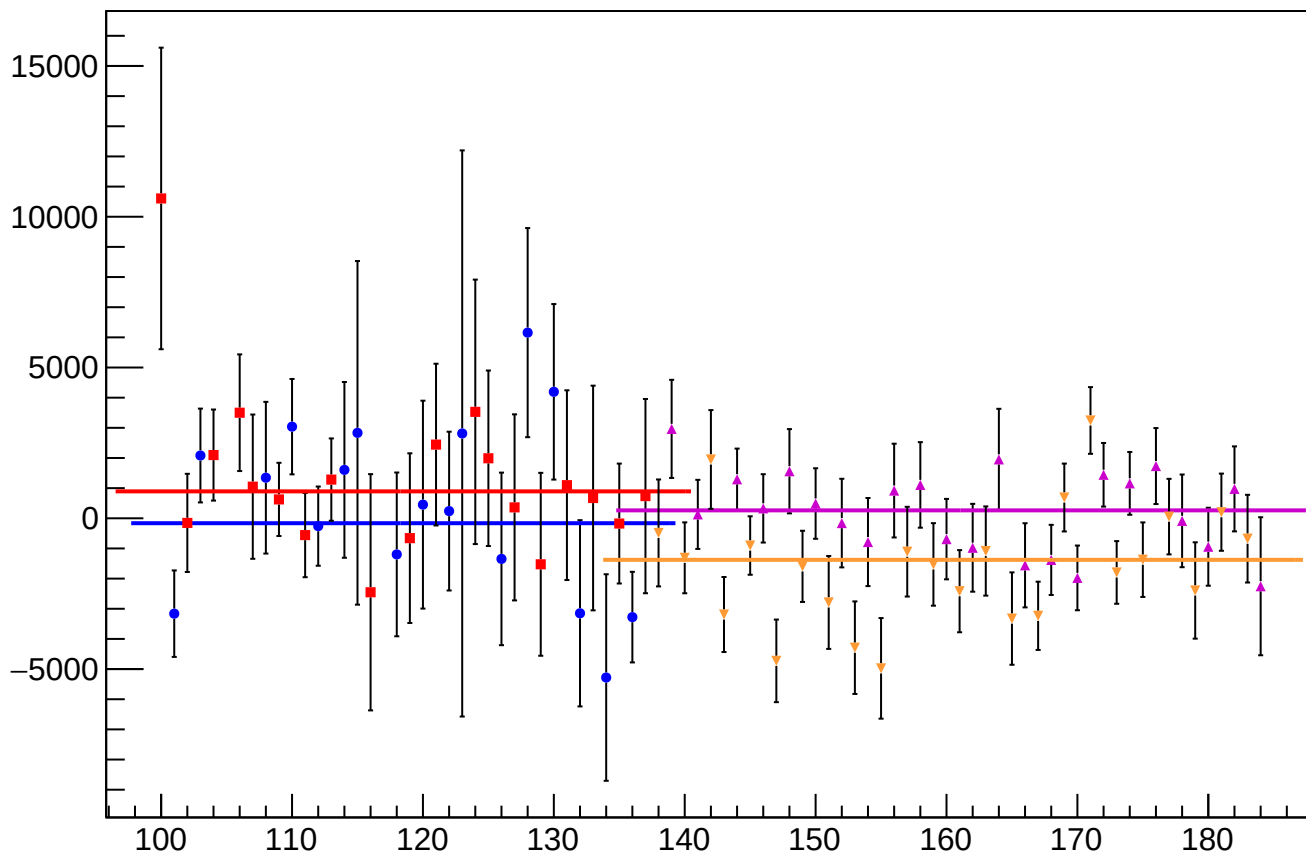
dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16
 Left Out: 165.252 $\pm$ 0.028 χ^2 /NDF:1630838.0/23
 Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18
 Left In: 169.348 $\pm$ 0.029 χ^2 /NDF:1256257.6/22

Left: 167.224 $\pm$ 0.020 χ^2 /NDF: 2897155.4/46
 Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35
 In: 163.108 $\pm$ 0.024 χ^2 /NDF:1792782.9/39
 Out: 158.496 $\pm$ 0.023 χ^2 /NDF:2335443.6/42
 All: 160.705 $\pm$ 0.017 χ^2 /NDF: 4147355.9/82

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -1376.631 $\pm$ 266.585 χ^2 /NDF:51.3/23

Right Out: 893.137 $\pm$ 484.322 χ^2 /NDF: 10.7/18

Left In: 263.205 $\pm$ 270.689 χ^2 /NDF:21.9/22

Left: -569.240 $\pm$ 189.938 χ^2 /NDF: 91.8/46

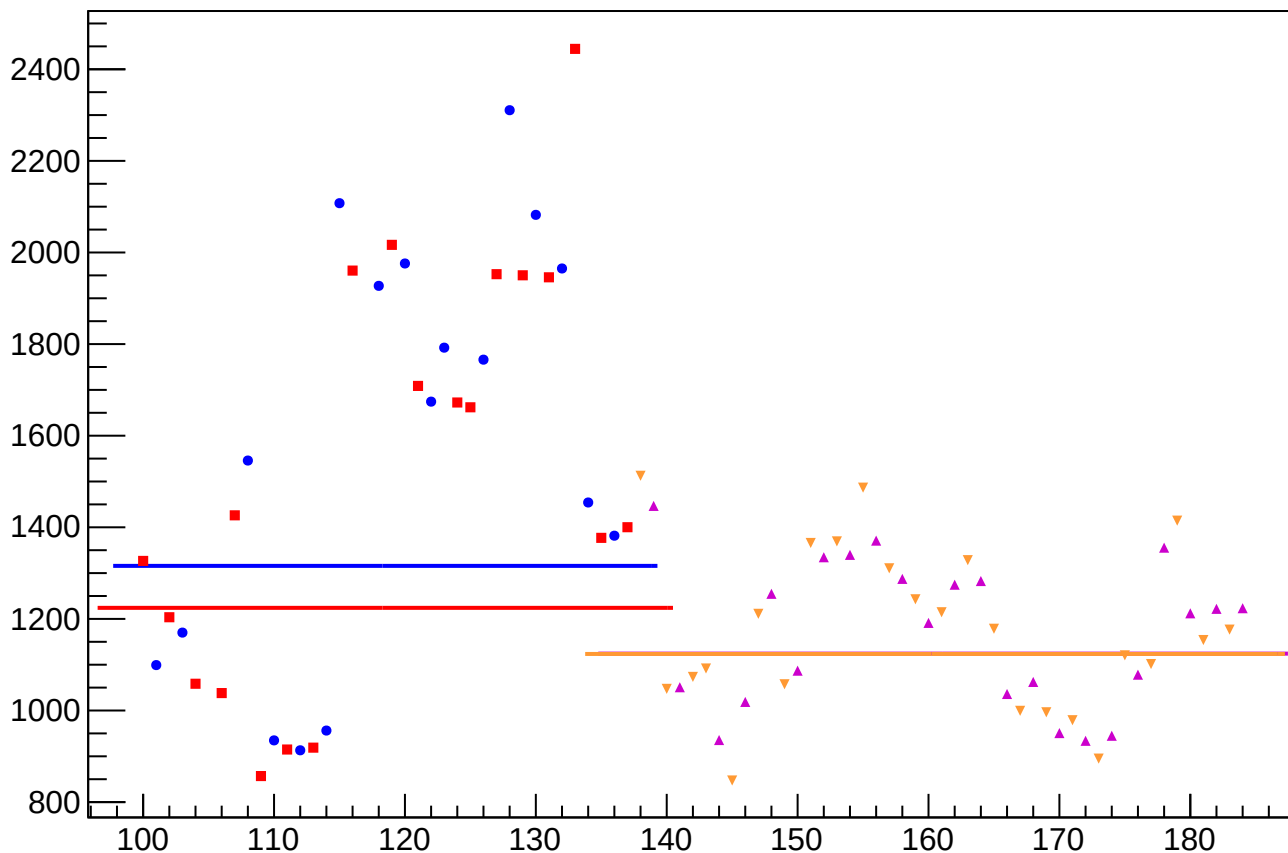
Right: 415.737 $\pm$ 358.494 χ^2 /NDF: 37.9/35

In: 175.899 $\pm$ 241.364 χ^2 /NDF:47.5/39

Out: -848.856 $\pm$ 233.543 χ^2 /NDF:78.8/42

All: -353.349 $\pm$ 167.837 χ^2 /NDF: 135.6/82

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1123.480+/-0.189 χ^2/NDF : 828409.5/23

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1124.193+/-0.191 χ^2/NDF : 659010.3/22

Left: 1123.831+/-0.134 χ^2/NDF : 1487426.9/46

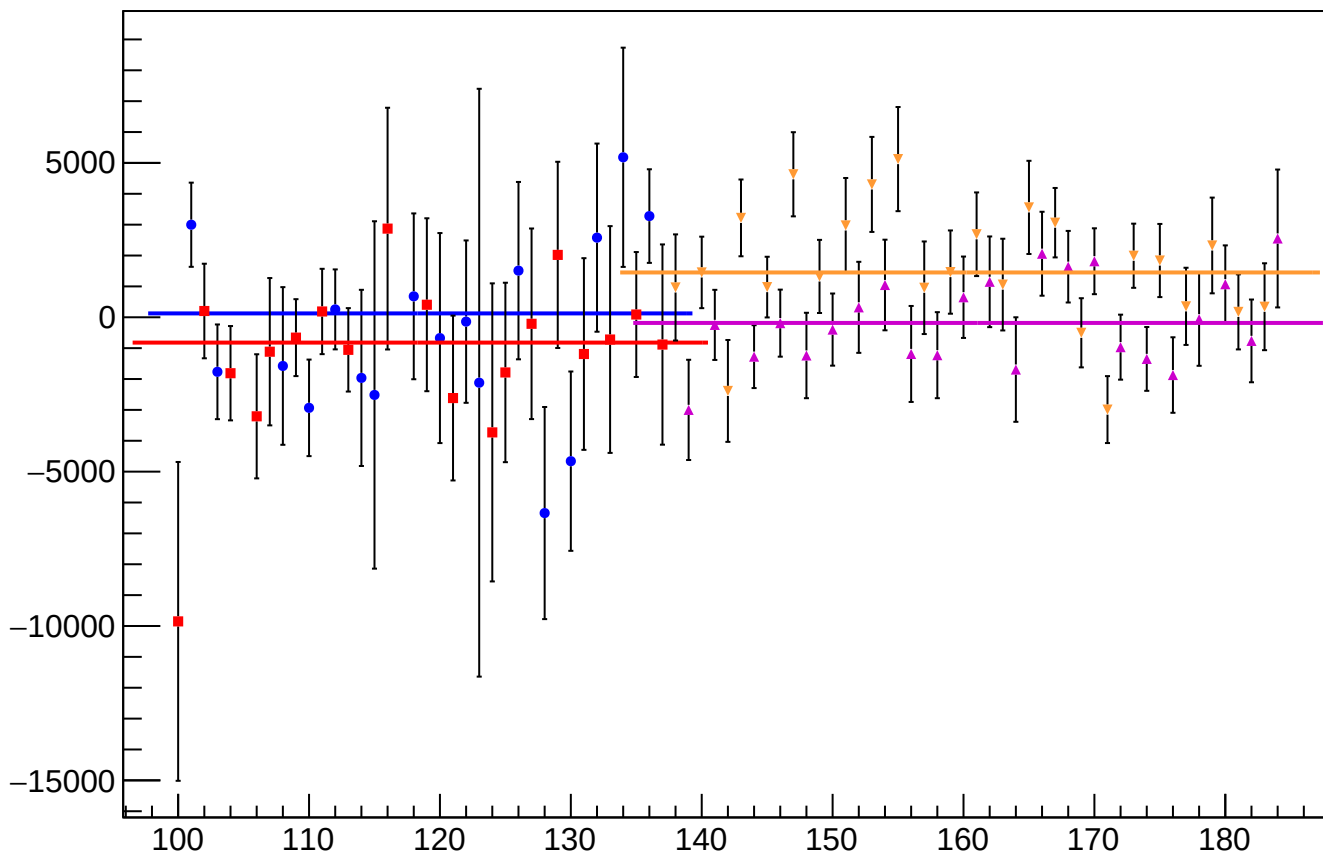
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1163.457+/-0.171 χ^2/NDF : 1982690.1/39

Out: 1146.888+/-0.165 χ^2/NDF : 2258628.8/42

All: 1154.900+/-0.119 χ^2/NDF : 4246187.1/82

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1451.591 $\pm$ 264.177 χ^2 /NDF: 50.4/23

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -183.249 $\pm$ 267.620 χ^2 /NDF: 23.7/22

Left: 644.757 $\pm$ 188.007 χ^2 /NDF: 93.0/46

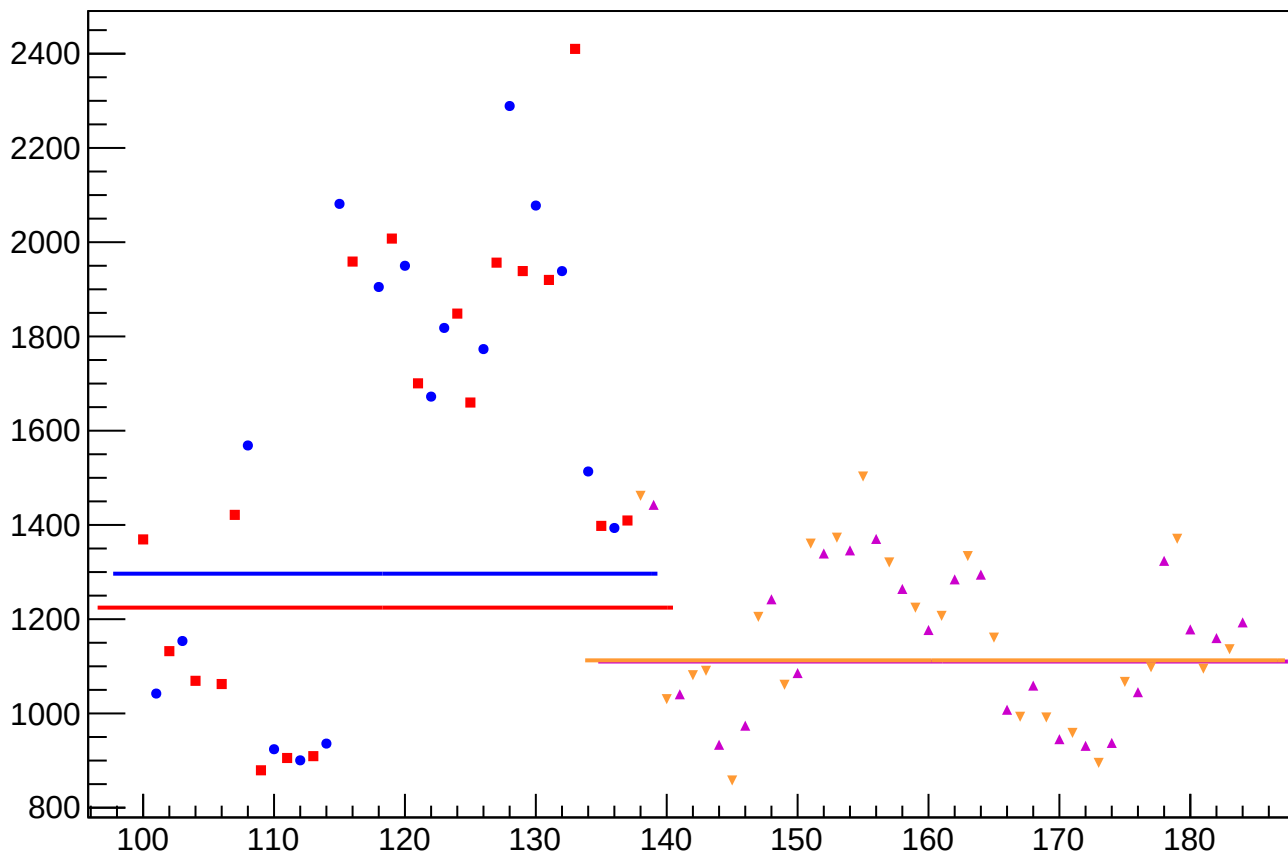
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -119.939 $\pm$ 238.597 χ^2 /NDF: 48.6/39

Out: 931.223 $\pm$ 231.956 χ^2 /NDF: 76.4/42

All: 420.475 $\pm$ 166.316 χ^2 /NDF: 135.0/82

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1112.640 $\pm$ 0.187 χ^2 /NDF: 799599.6/23

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1110.162 $\pm$ 0.189 χ^2 /NDF: 673229.2/22

Left: 1111.417 $\pm$ 0.133 χ^2 /NDF: 1472915.7/46

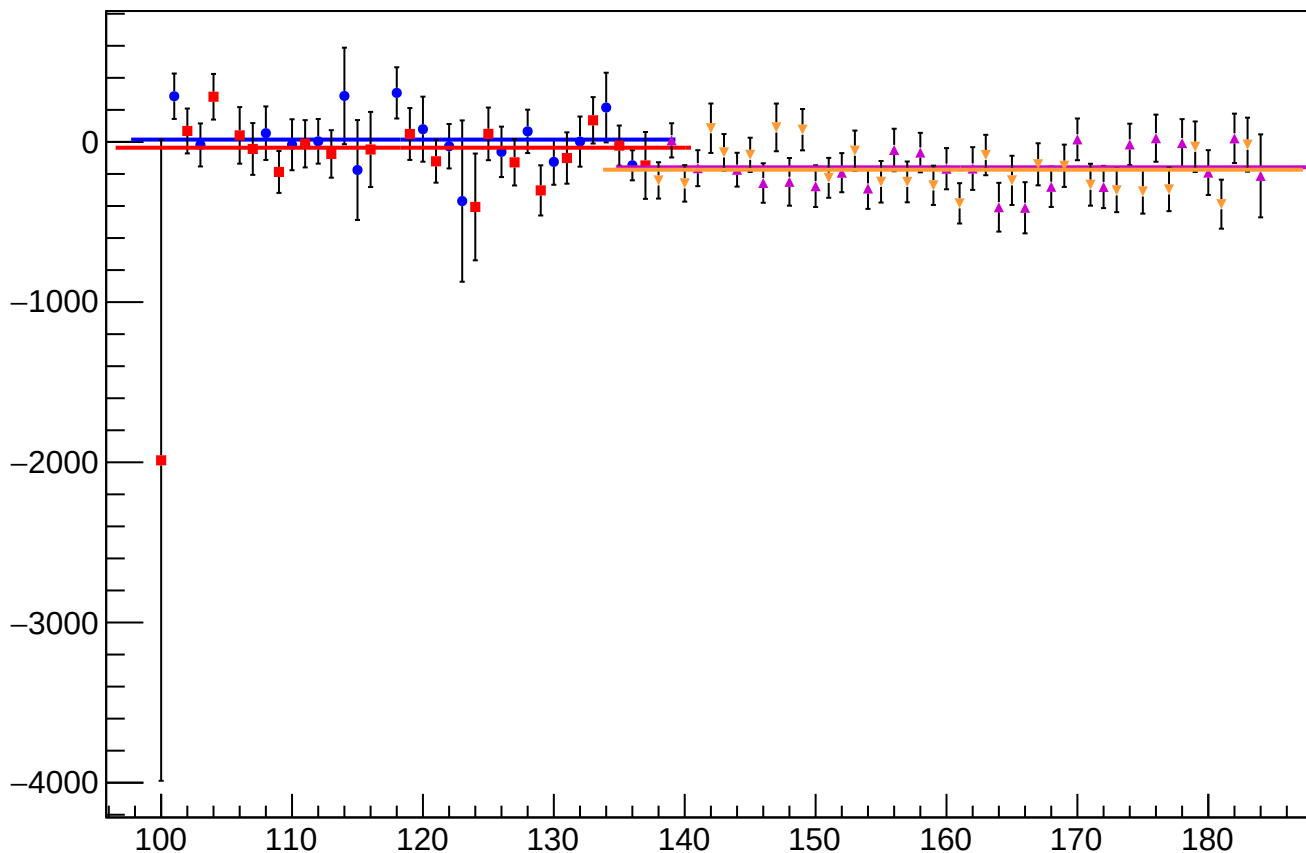
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1148.401 $\pm$ 0.169 χ^2 /NDF: 2047750.0/39

Out: 1138.276 $\pm$ 0.164 χ^2 /NDF: 2230099.4/42

All: 1143.196 $\pm$ 0.118 χ^2 /NDF: 4279701.3/82

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -173.465 ± 26.708 $\chi^2/\text{NDF}: 25.1/23$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -158.449 ± 27.575 $\chi^2/\text{NDF}: 20.7/22$

Left: -166.197 ± 19.184 $\chi^2/\text{NDF}: 46.0/46$

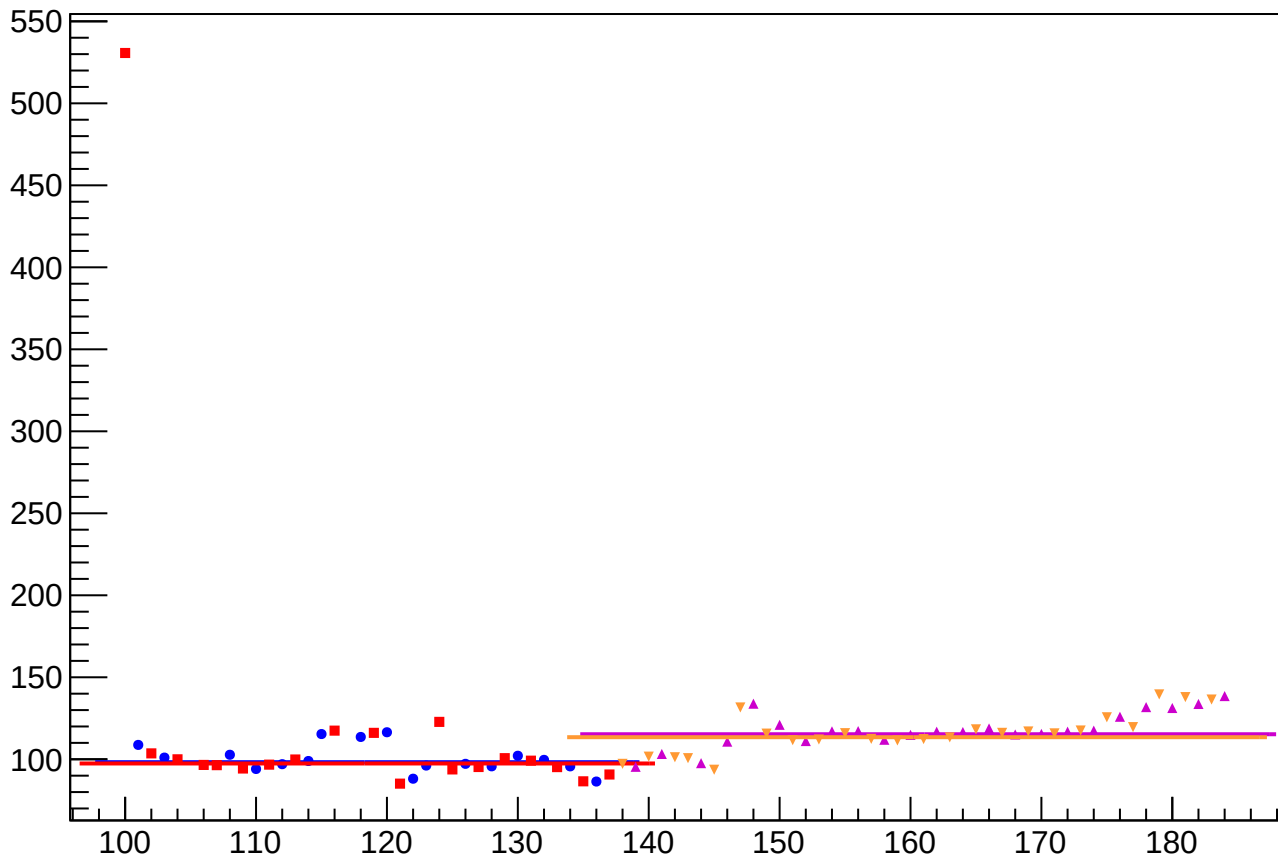
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -98.801 ± 22.321 $\chi^2/\text{NDF}: 48.5/39$

Out: -125.953 ± 21.599 $\chi^2/\text{NDF}: 49.7/42$

All: -112.823 ± 15.522 $\chi^2/\text{NDF}: 99.0/82$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 113.459+/-0.019 χ^2/NDF : 370817.2/23

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 115.264+/-0.019 χ^2/NDF : 298522.7/22

Left: 114.332+/-0.014 χ^2/NDF : 673761.0/46

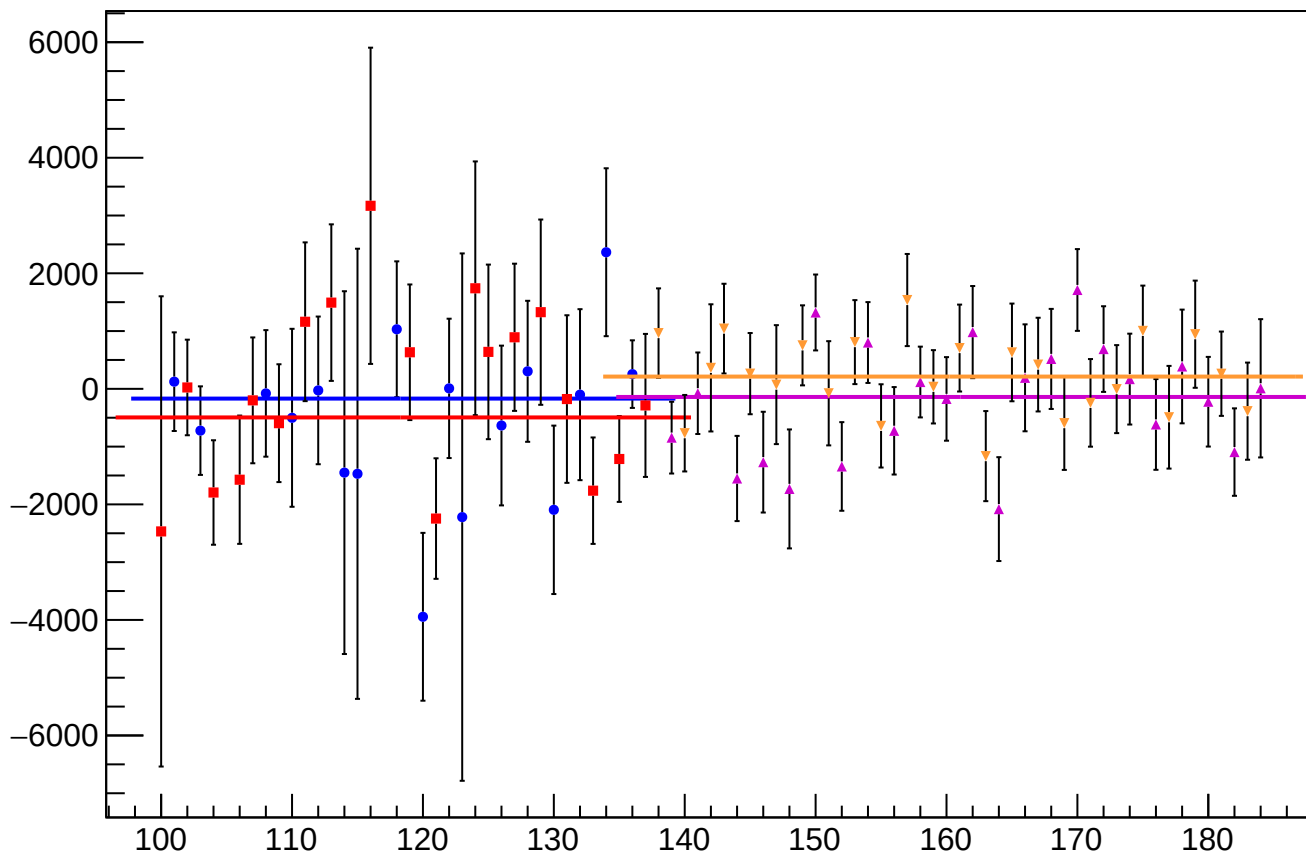
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 109.388+/-0.016 χ^2/NDF : 662467.8/39

Out: 107.916+/-0.015 χ^2/NDF : 809905.6/42

All: 108.627+/-0.011 χ^2/NDF : 1476866.2/82

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 212.214 ± 159.605 $\chi^2/\text{NDF}: 18.0/23$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -140.513 ± 160.990 $\chi^2/\text{NDF}: 36.9/22$

Left: 37.375 ± 113.344 $\chi^2/\text{NDF}: 57.3/46$

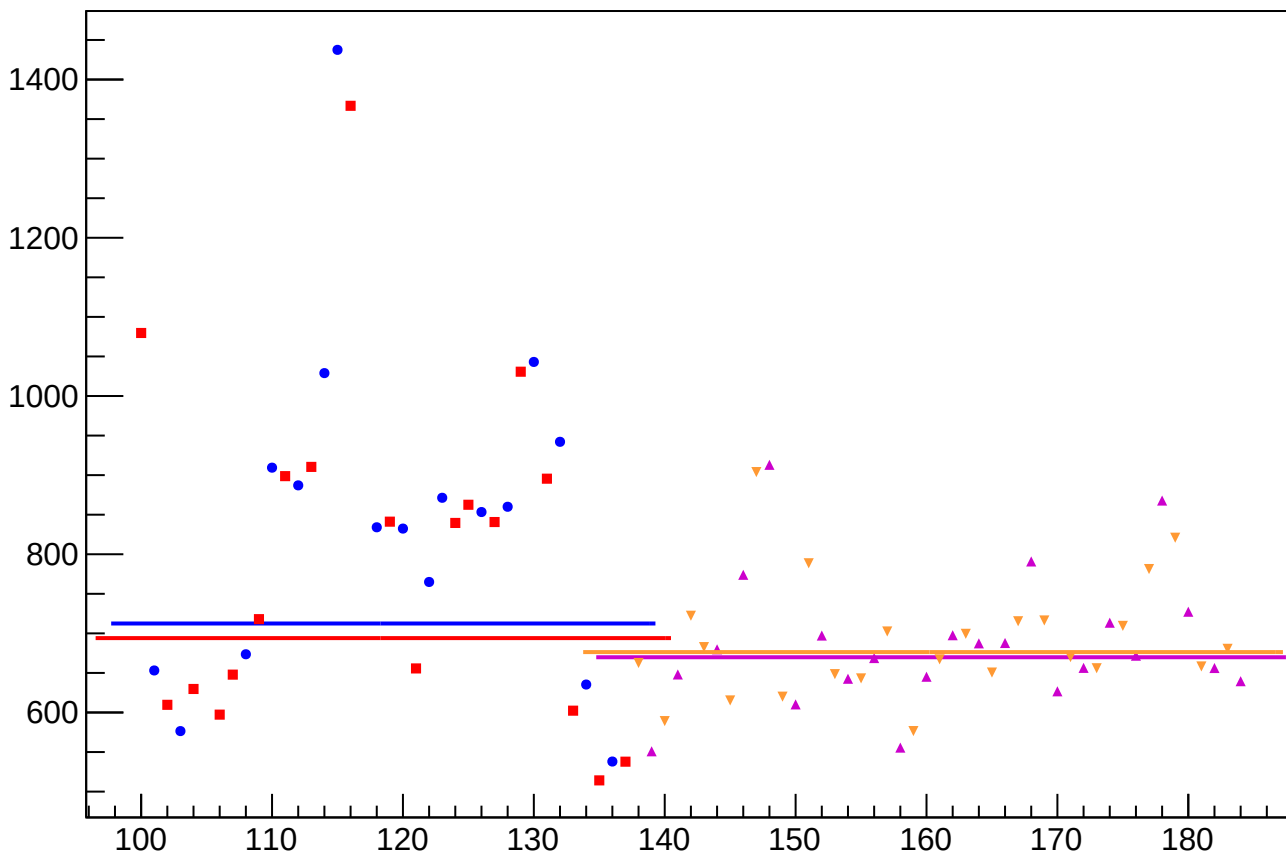
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -147.460 ± 139.833 $\chi^2/\text{NDF}: 51.5/39$

Out: 26.509 ± 137.053 $\chi^2/\text{NDF}: 43.0/42$

All: -58.729 ± 97.879 $\chi^2/\text{NDF}: 95.3/82$

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: 676.348 $\pm$ 0.113 χ^2 /NDF: 351081.1/23

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

Left In: 669.811 $\pm$ 0.114 χ^2 /NDF: 460796.0/22

Left: 673.108 $\pm$ 0.080 χ^2 /NDF: 813540.2/46

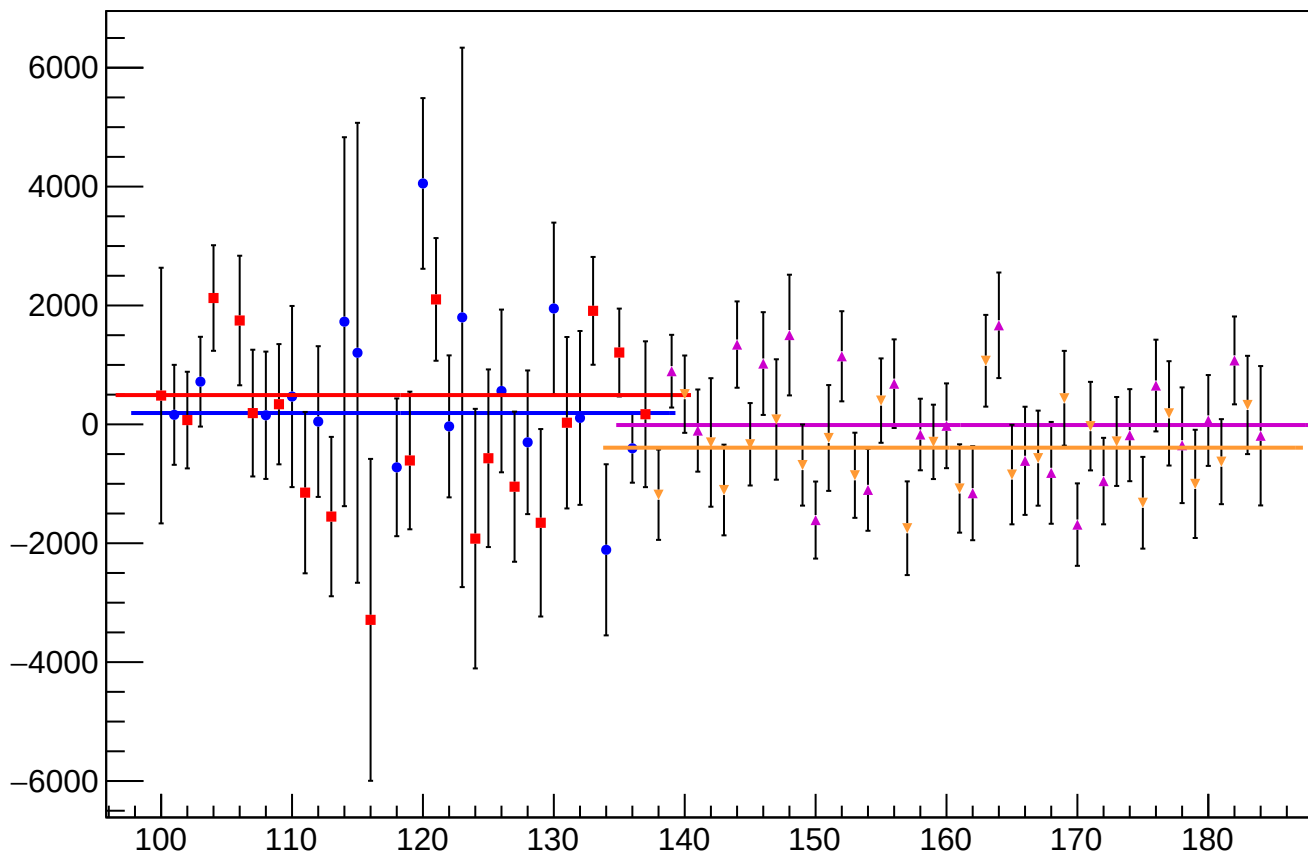
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 680.288 $\pm$ 0.099 χ^2 /NDF: 1155811.0/39

Out: 680.988 $\pm$ 0.097 χ^2 /NDF: 1032506.0/42

All: 680.645 $\pm$ 0.069 χ^2 /NDF: 2188342.5/82

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -392.404 $\pm$ 157.190 χ^2 /NDF:18.3/23

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: -11.243 $\pm$ 158.497 χ^2 /NDF:38.8/22

Left: -203.402 $\pm$ 111.609 χ^2 /NDF: 60.0/46

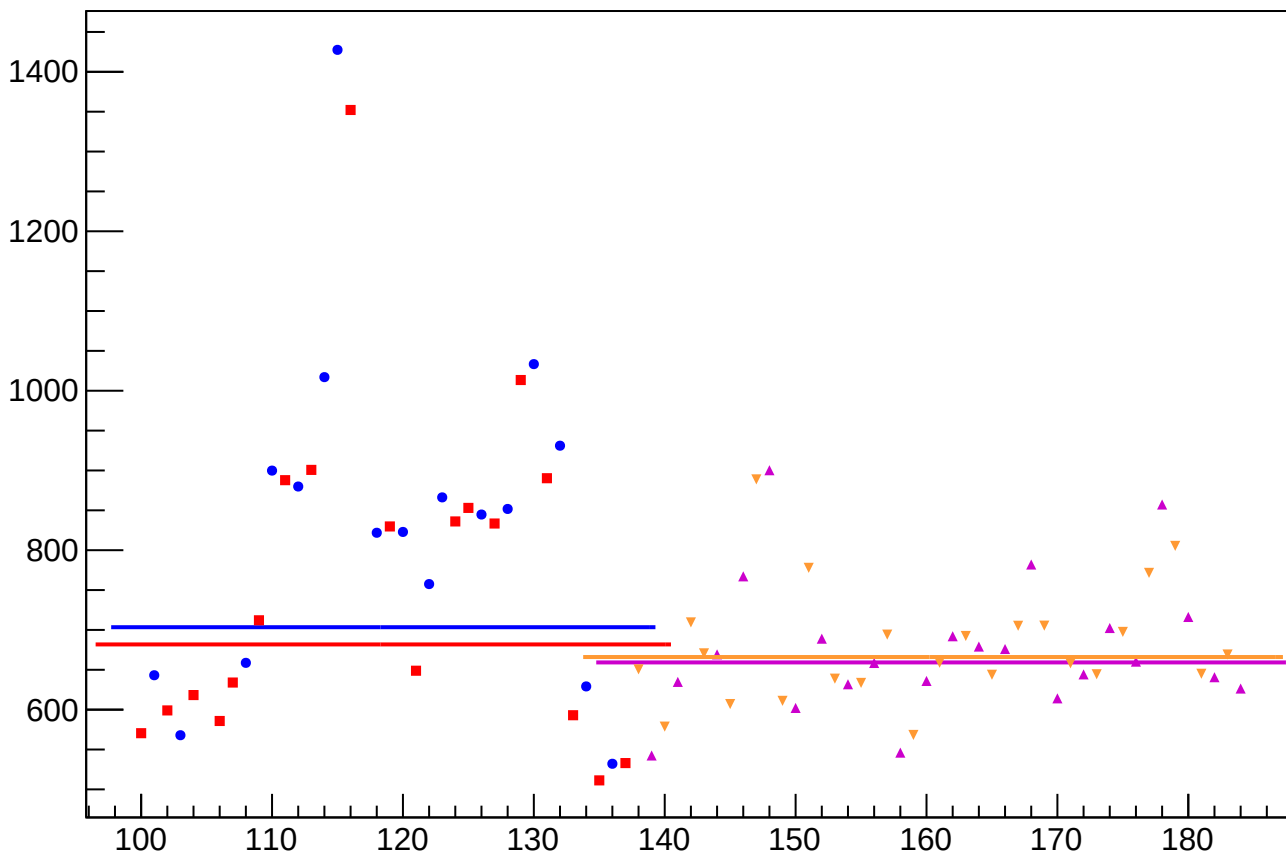
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 38.160 $\pm$ 137.772 χ^2 /NDF:53.4/39

Out: -158.995 $\pm$ 134.880 χ^2 /NDF:49.4/42

All: -62.508 $\pm$ 96.381 χ^2 /NDF: 103.9/82

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 666.001+/-0.111 χ^2/NDF : 350746.8/23

Right Out: 681.807+/-0.186 χ^2/NDF : 664797.9/18

Left In: 659.230+/-0.112 χ^2/NDF : 472744.9/22

Left: 662.644+/-0.079 χ^2/NDF : 825331.9/46

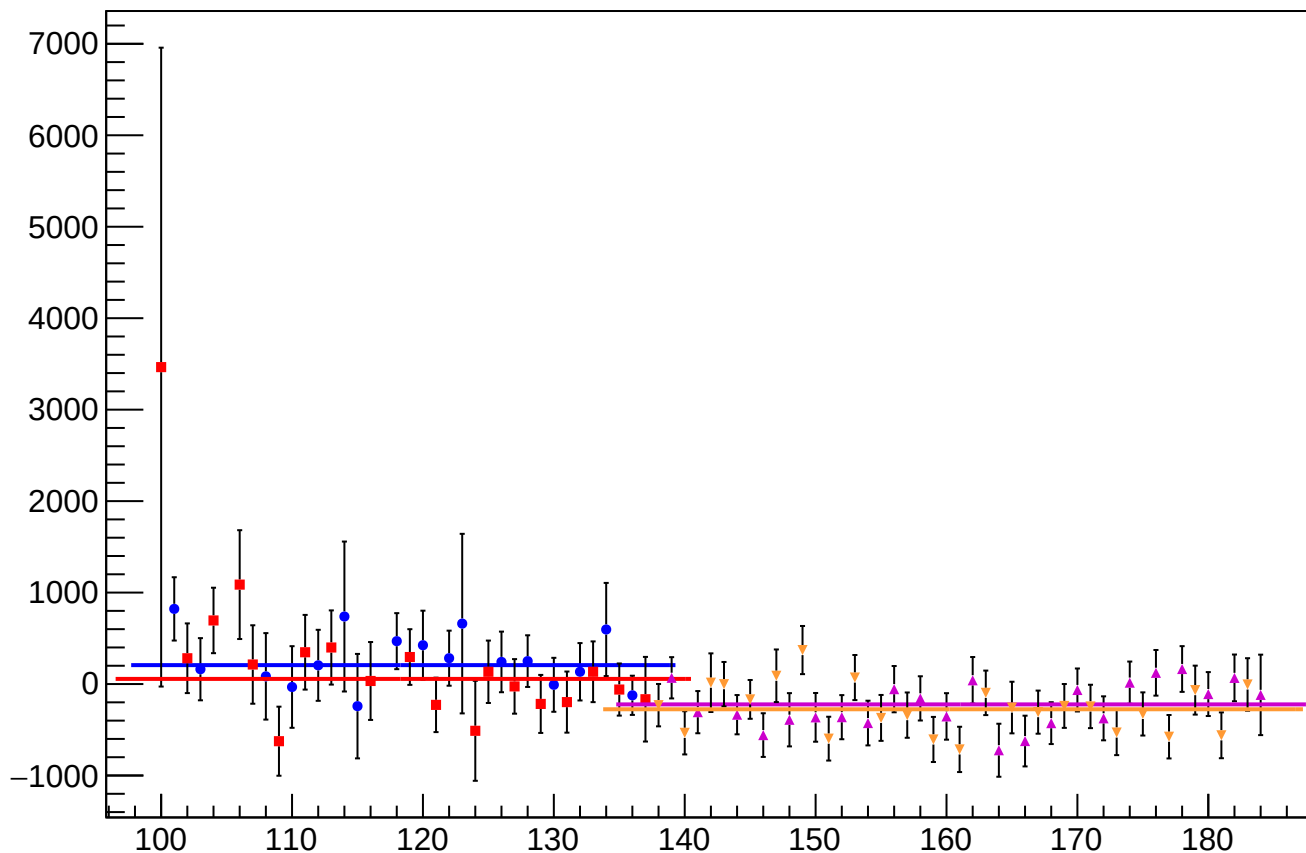
Right: 691.968+/-0.135 χ^2/NDF : 1338046.5/35

In: 670.028+/-0.097 χ^2/NDF : 1177606.2/39

Out: 670.169+/-0.095 χ^2/NDF : 1020877.3/42

All: 670.100+/-0.068 χ^2/NDF : 2198484.6/82

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -275.772 $\pm$ 50.797 χ^2 /NDF:26.3/23

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -222.456 $\pm$ 52.039 χ^2 /NDF:21.2/22

Left: -249.757 $\pm$ 36.350 χ^2 /NDF: 48.0/46

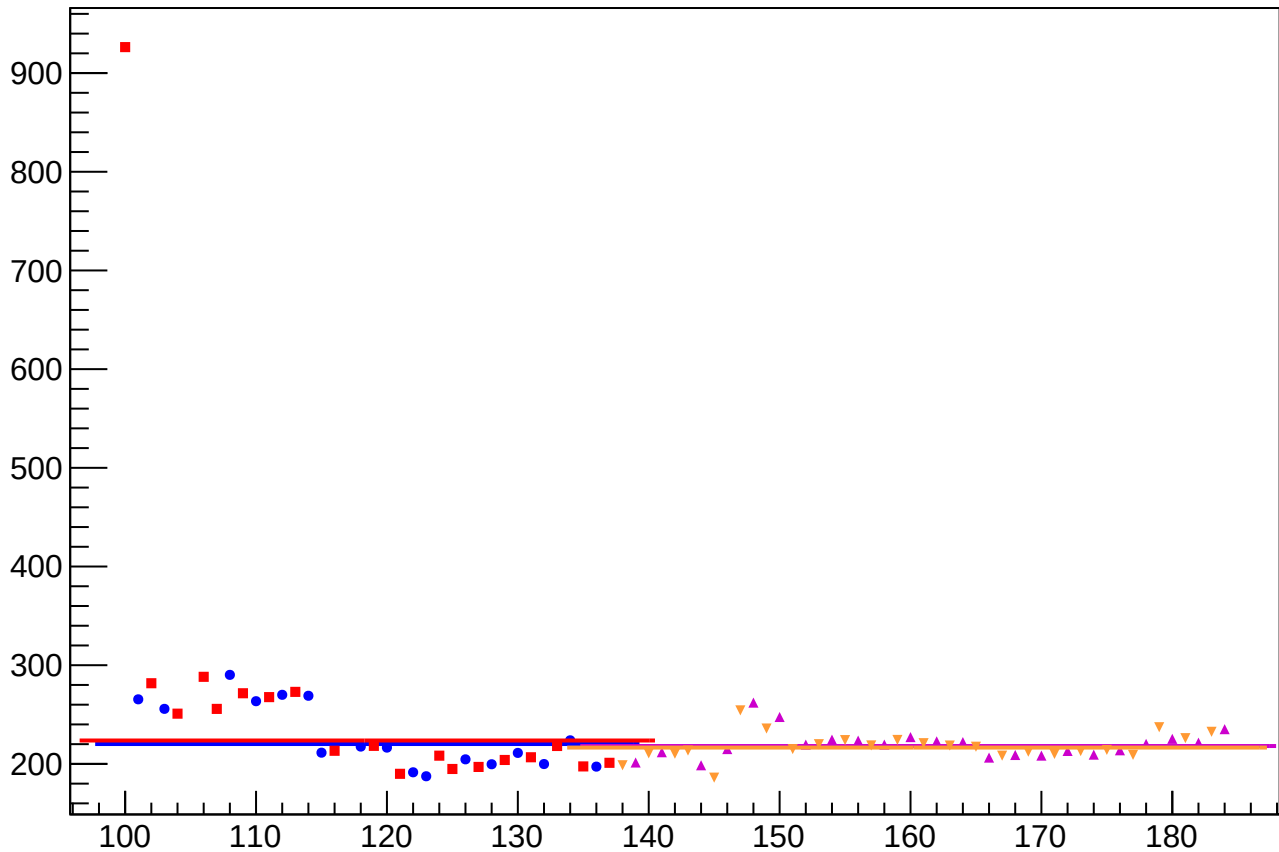
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -106.665 $\pm$ 44.471 χ^2 /NDF:49.1/39

Out: -188.660 $\pm$ 43.627 χ^2 /NDF:54.1/42

All: -148.448 $\pm$ 31.143 χ^2 /NDF: 104.9/82

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 216.545 $\pm$ 0.036 χ^2 /NDF: 133887.2/23

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 218.101 $\pm$ 0.037 χ^2 /NDF: 125305.4/22

Left: 217.304 $\pm$ 0.026 χ^2 /NDF: 260108.8/46

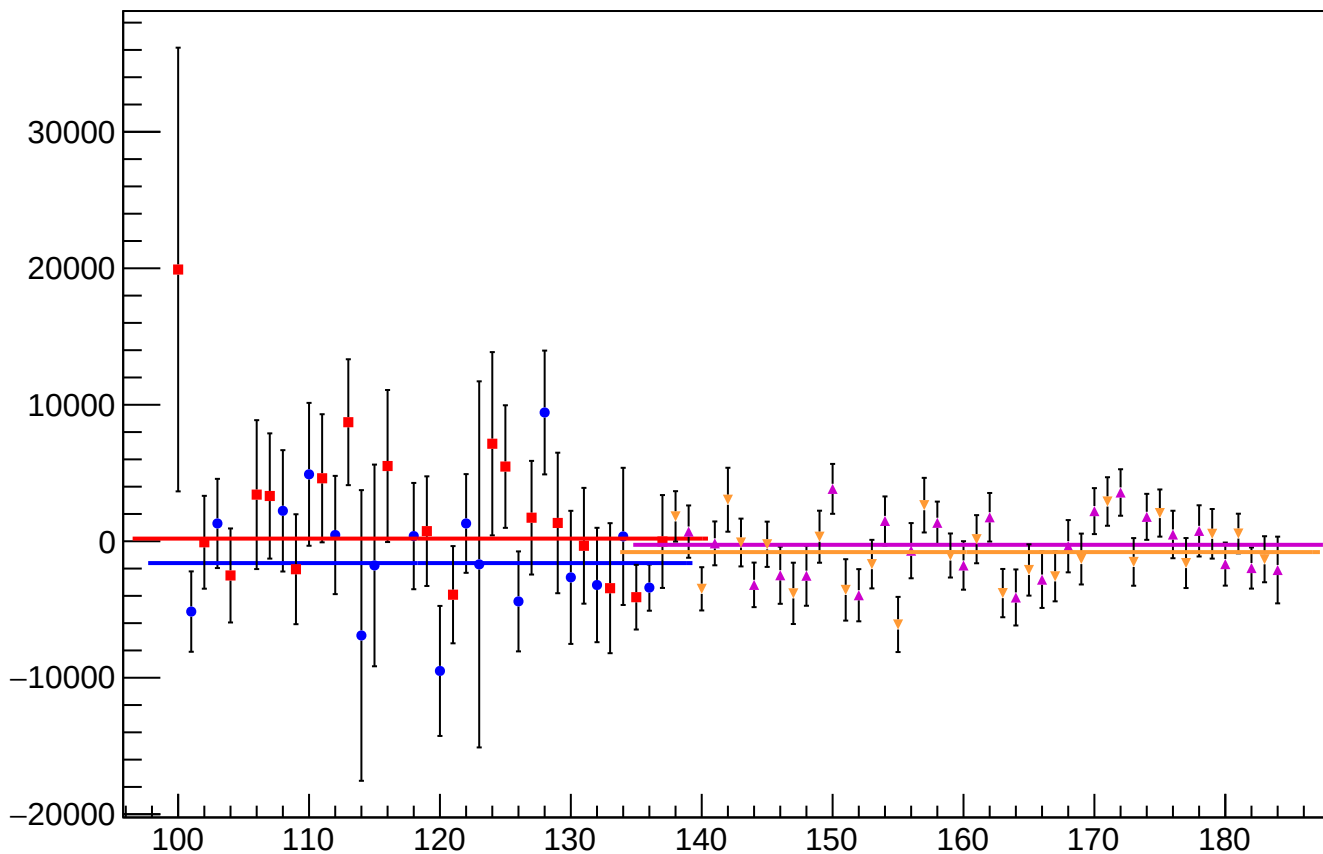
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 218.649 $\pm$ 0.031 χ^2 /NDF: 354571.5/39

Out: 218.424 $\pm$ 0.031 χ^2 /NDF: 497558.1/42

All: 218.534 $\pm$ 0.022 χ^2 /NDF: 852155.8/82

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 ± 921.042 $\chi^2/\text{NDF}: 16.6/16$

Left Out: -793.698 ± 368.971 $\chi^2/\text{NDF}: 35.3/23$

Right Out: 194.970 ± 947.480 $\chi^2/\text{NDF}: 16.3/18$

Left In: -260.369 ± 376.365 $\chi^2/\text{NDF}: 35.4/22$

Left: -532.324 ± 263.477 $\chi^2/\text{NDF}: 71.7/46$

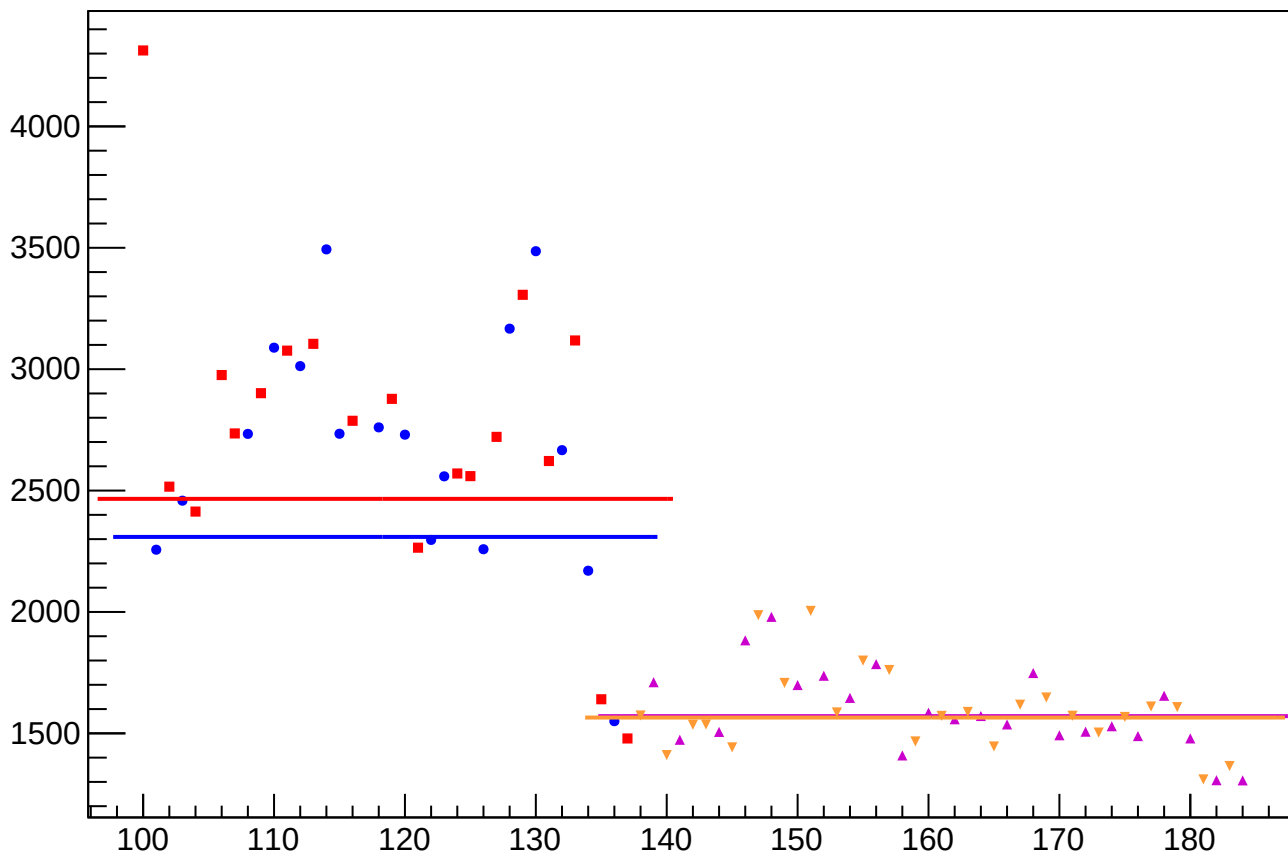
Right: -727.416 ± 660.424 $\chi^2/\text{NDF}: 34.8/35$

In: -451.914 ± 348.400 $\chi^2/\text{NDF}: 53.8/39$

Out: -663.510 ± 343.820 $\chi^2/\text{NDF}: 52.5/42$

All: -559.112 ± 244.721 $\chi^2/\text{NDF}: 106.6/82$

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1565.153 $\pm$ 0.261 χ^2 /NDF: 351109.3/23

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1570.921 $\pm$ 0.266 χ^2 /NDF: 333590.4/22

Left: 1567.980 $\pm$ 0.186 χ^2 /NDF: 684939.2/46

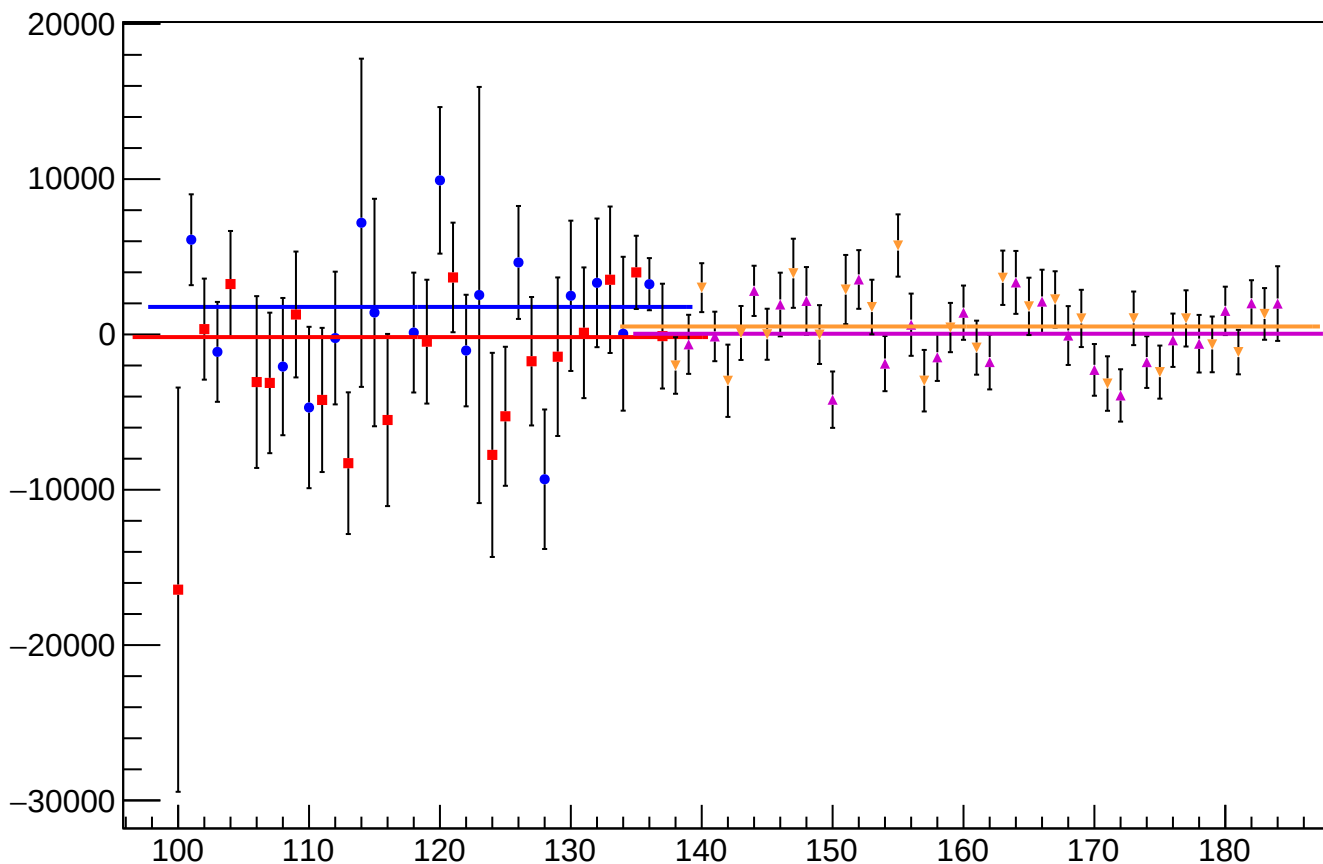
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1676.549 $\pm$ 0.246 χ^2 /NDF: 2235271.2/39

Out: 1683.764 $\pm$ 0.243 χ^2 /NDF: 2614741.3/42

All: 1680.204 $\pm$ 0.173 χ^2 /NDF: 4850447.1/82

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 511.737+/-364.769 χ^2/NDF : 35.6/23

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 43.949+/-371.765 χ^2/NDF : 33.5/22

Left: 282.286+/-260.369 χ^2/NDF : 69.9/46

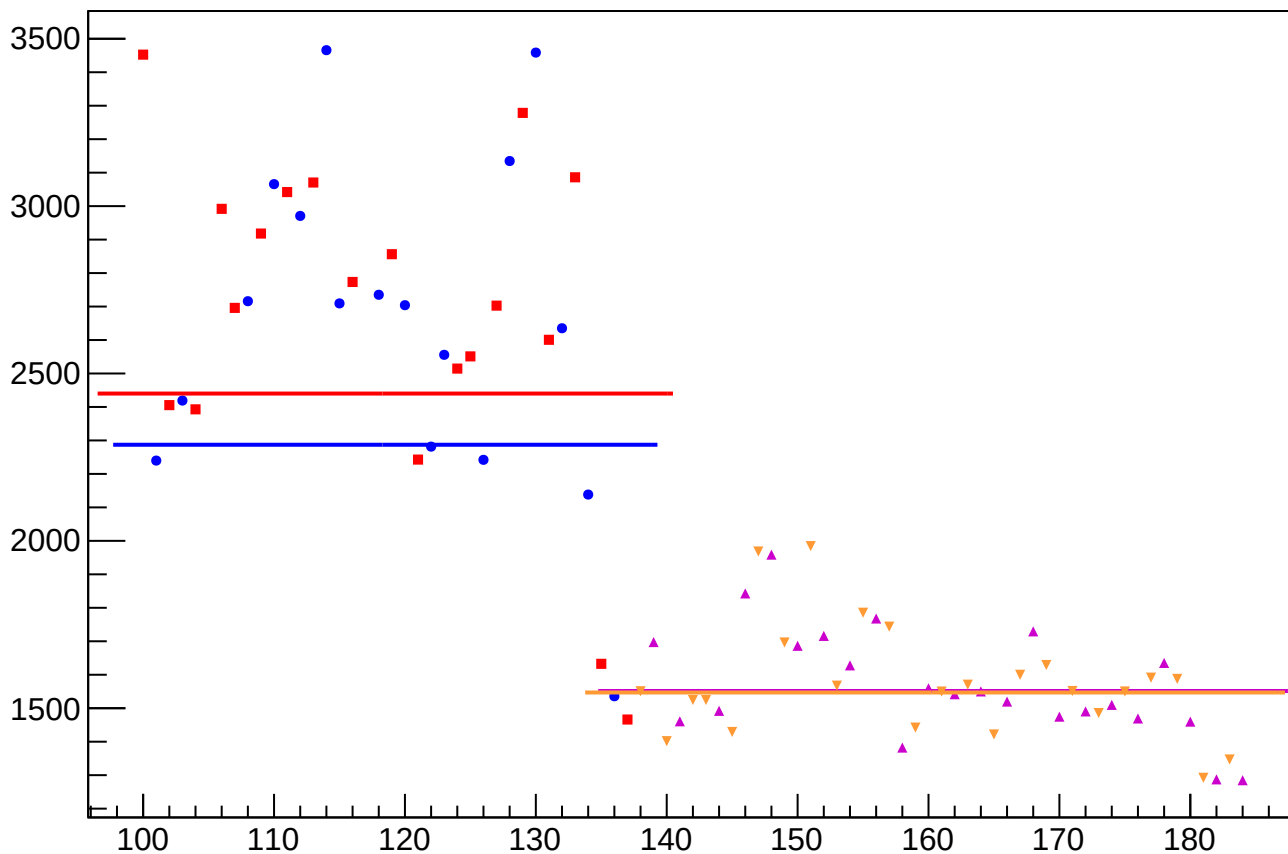
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 289.926+/-344.279 χ^2/NDF : 53.9/39

Out: 421.966+/-339.940 χ^2/NDF : 52.1/42

All: 356.783+/-241.893 χ^2/NDF : 106.1/82

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1547.007+/-0.258 χ^2/NDF : 358246.0/23

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1551.481+/-0.263 χ^2/NDF : 339002.9/22

Left: 1549.201+/-0.184 χ^2/NDF : 697396.5/46

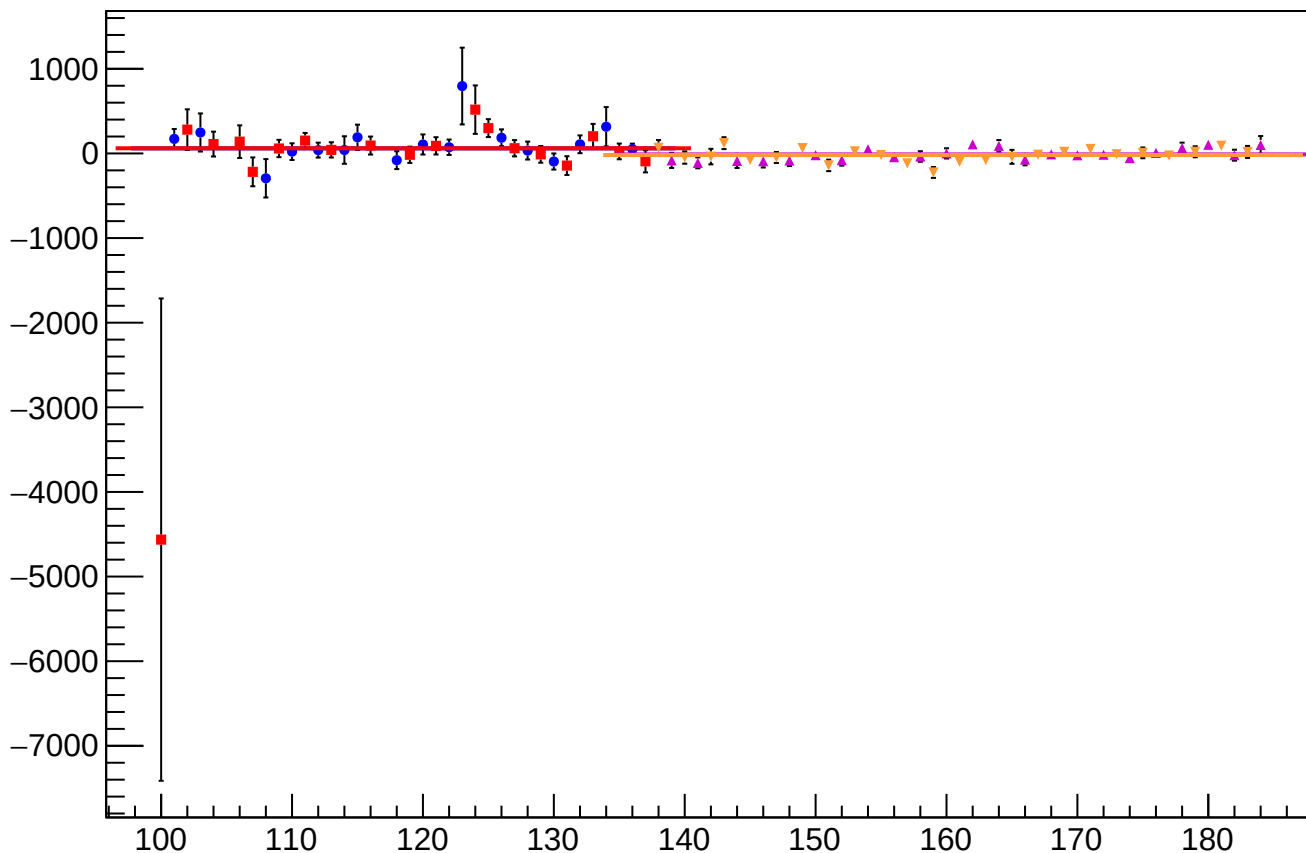
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1656.235+/-0.243 χ^2/NDF : 2253516.6/39

Out: 1664.449+/-0.240 χ^2/NDF : 2613871.0/42

All: 1660.395+/-0.171 χ^2/NDF : 4867964.0/82

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: -18.790+/-12.183 χ^2/NDF : 35.8/23

Right Out: 60.983+/-27.009 χ^2/NDF : 22.3/18

Left In: -11.418+/-12.524 χ^2/NDF : 24.3/22

Left: -15.206+/-8.733 χ^2/NDF : 60.2/46

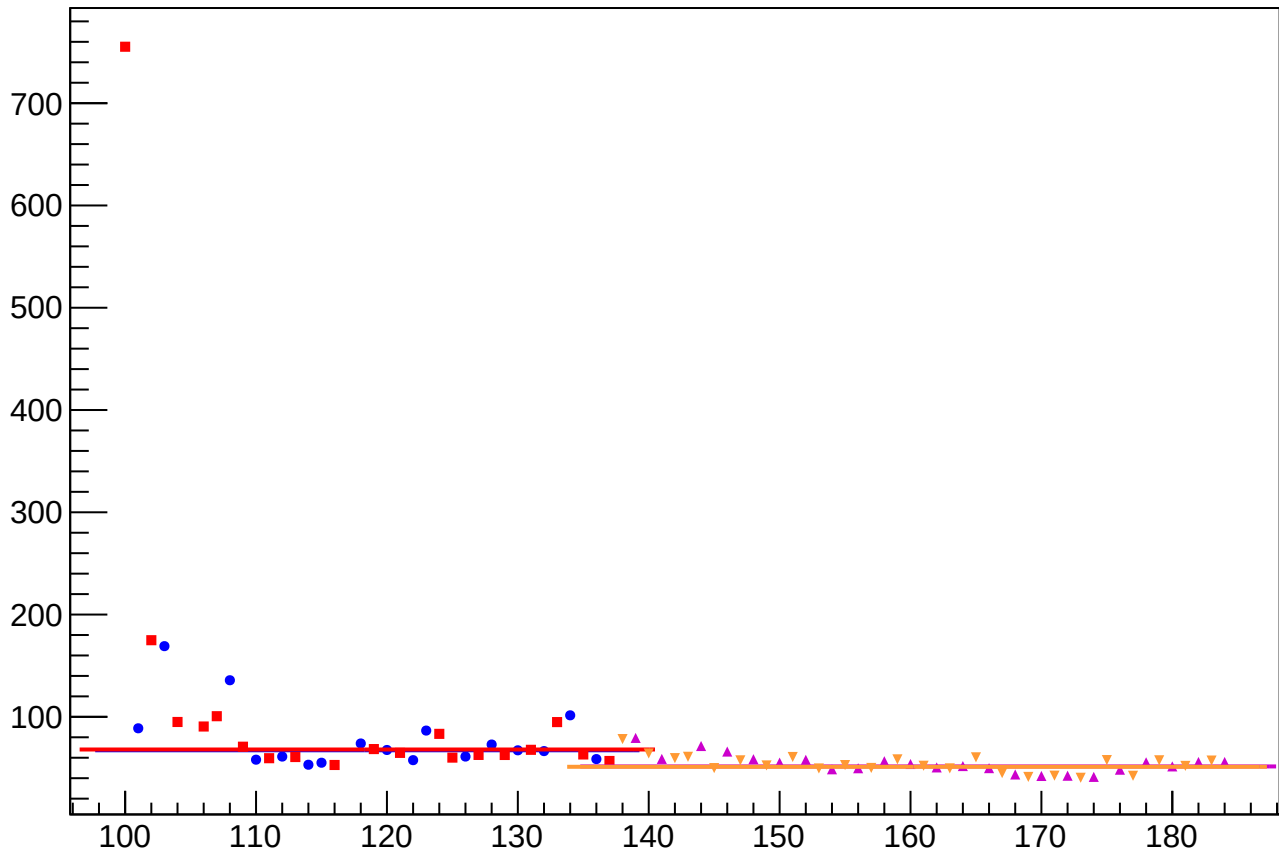
Right: 60.322+/-19.123 χ^2/NDF : 37.7/35

In: 1.106+/-11.367 χ^2/NDF : 45.3/39

Out: -5.304+/-11.105 χ^2/NDF : 65.3/42

All: -2.173+/-7.944 χ^2/NDF : 110.8/82

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 51.149 $\pm$ 0.009 χ^2 /NDF: 822679.4/23

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 51.501 $\pm$ 0.009 χ^2 /NDF: 818721.5/22

Left: 51.320 $\pm$ 0.006 χ^2 /NDF: 1642209.8/46

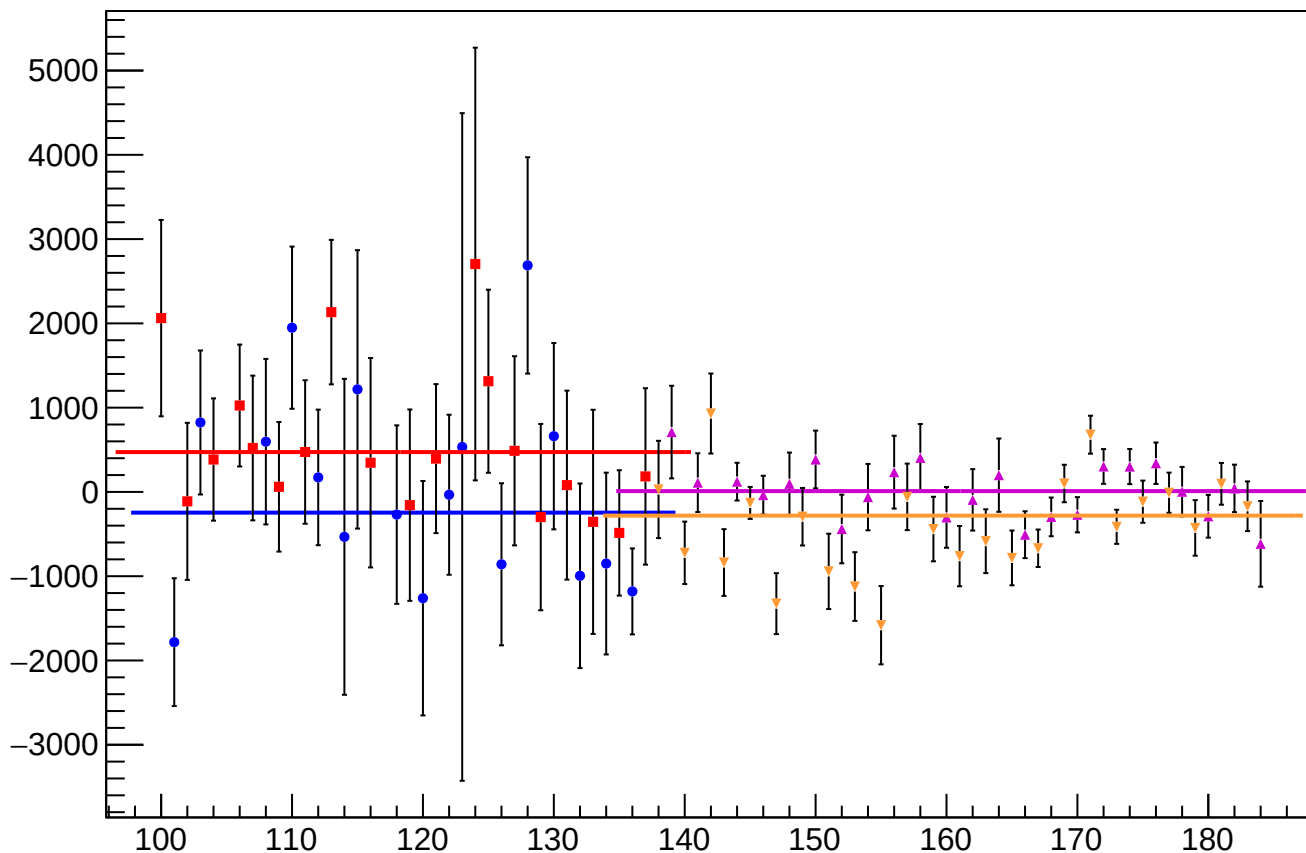
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 54.284 $\pm$ 0.008 χ^2 /NDF: 2220704.1/39

Out: 54.008 $\pm$ 0.008 χ^2 /NDF: 2344769.8/42

All: 54.143 $\pm$ 0.006 χ^2 /NDF: 4566076.9/82

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -281.018 ± 60.477 χ^2/NDF : 67.8/23

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 9.866 ± 60.601 χ^2/NDF : 22.5/22

Left: -135.873 ± 42.807 χ^2/NDF : 101.8/46

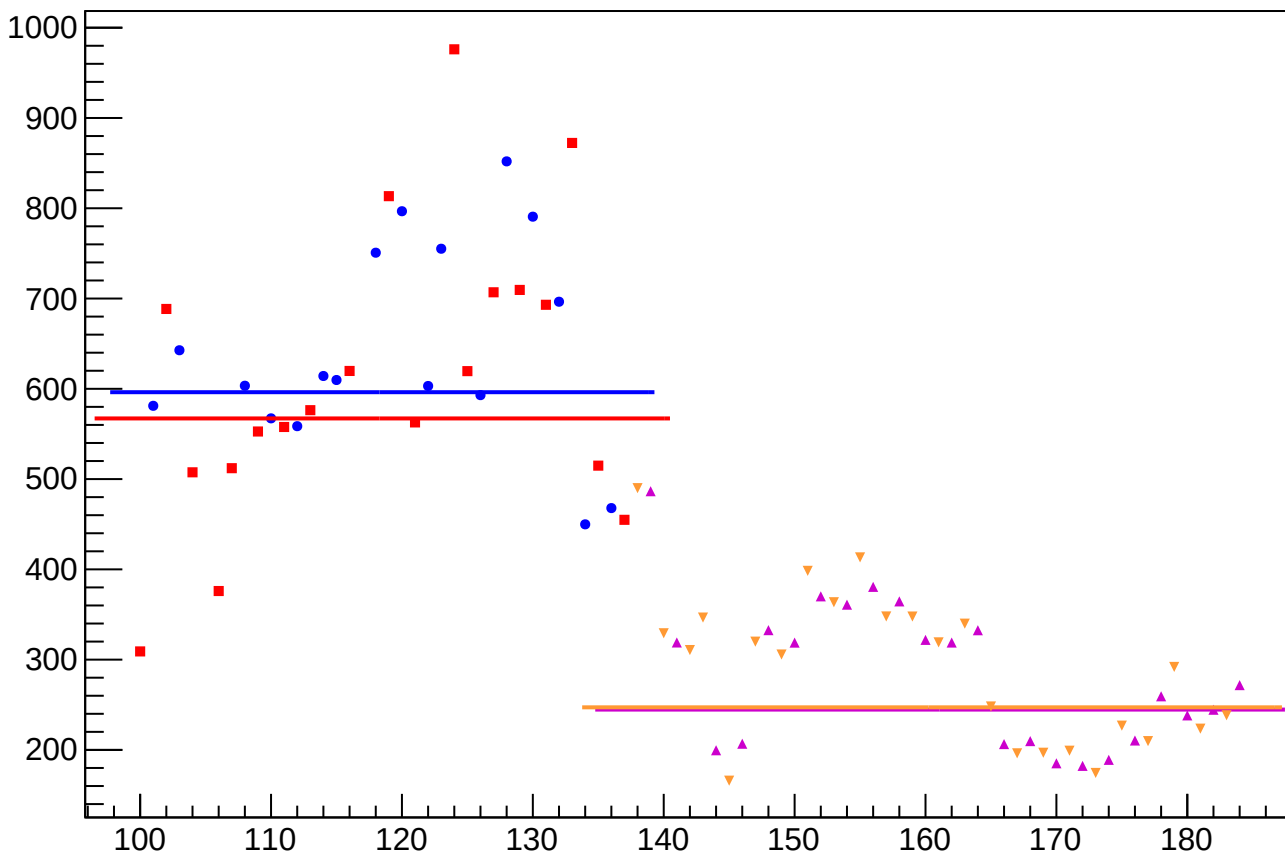
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: -6.014 ± 58.687 χ^2/NDF : 47.3/39

Out: -227.521 ± 58.292 χ^2/NDF : 90.1/42

All: -117.516 ± 41.358 χ^2/NDF : 144.6/82

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 247.159 $\pm$ 0.043 χ^2 /NDF: 2911749.4/23

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 244.671 $\pm$ 0.043 χ^2 /NDF: 2439501.9/22

Left: 245.918 $\pm$ 0.030 χ^2 /NDF: 5352940.1/46

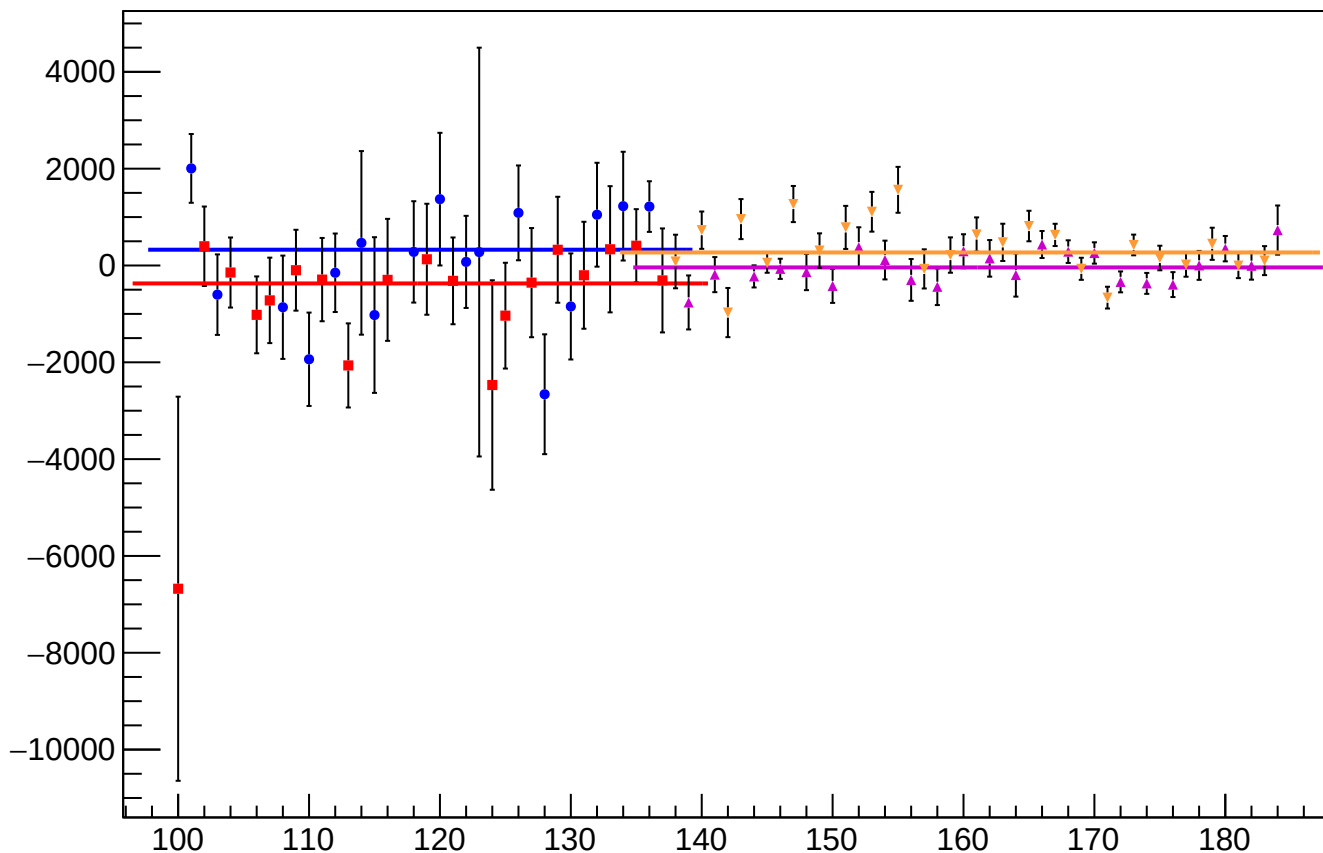
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 266.522 $\pm$ 0.041 χ^2 /NDF: 7045440.6/39

Out: 269.868 $\pm$ 0.041 χ^2 /NDF: 7561115.9/42

All: 268.207 $\pm$ 0.029 χ^2 /NDF: 14609828.9/82

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 269.168 ± 62.128 $\chi^2/\text{NDF}: 62.0/23$

Right Out: -370.721 ± 224.892 $\chi^2/\text{NDF}: 11.5/18$

Left In: -40.015 ± 61.495 $\chi^2/\text{NDF}: 25.0/22$

Left: 112.993 ± 43.706 $\chi^2/\text{NDF}: 99.6/46$

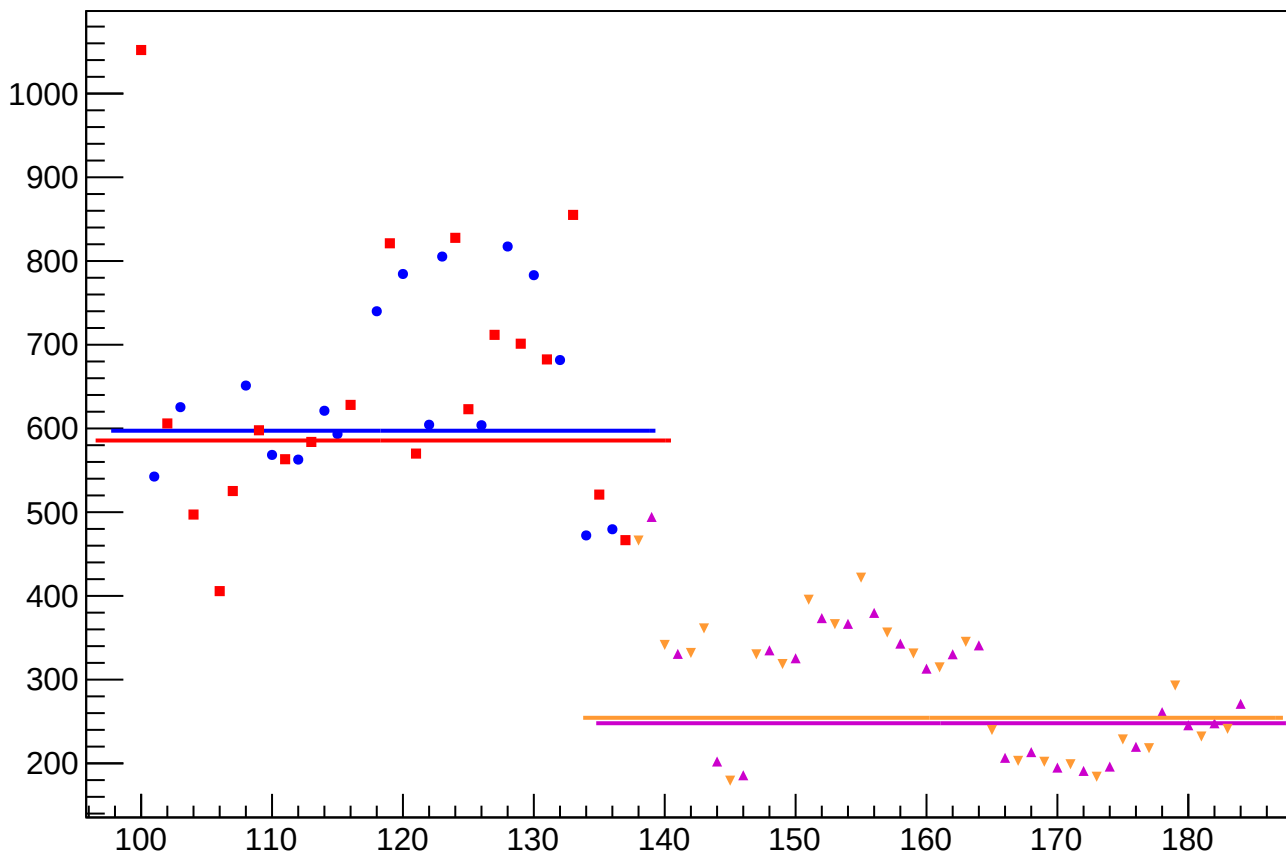
Right: -38.515 ± 162.676 $\chi^2/\text{NDF}: 43.0/35$

In: -16.665 ± 59.502 $\chi^2/\text{NDF}: 54.2/39$

Out: 223.795 ± 59.885 $\chi^2/\text{NDF}: 81.1/42$

All: 102.793 ± 42.209 $\chi^2/\text{NDF}: 143.4/82$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 254.418 $\pm$ 0.044 χ^2 /NDF: 2629922.0/23

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 247.919 $\pm$ 0.043 χ^2 /NDF: 2374698.8/22

Left: 251.135 $\pm$ 0.031 χ^2 /NDF: 5015676.7/46

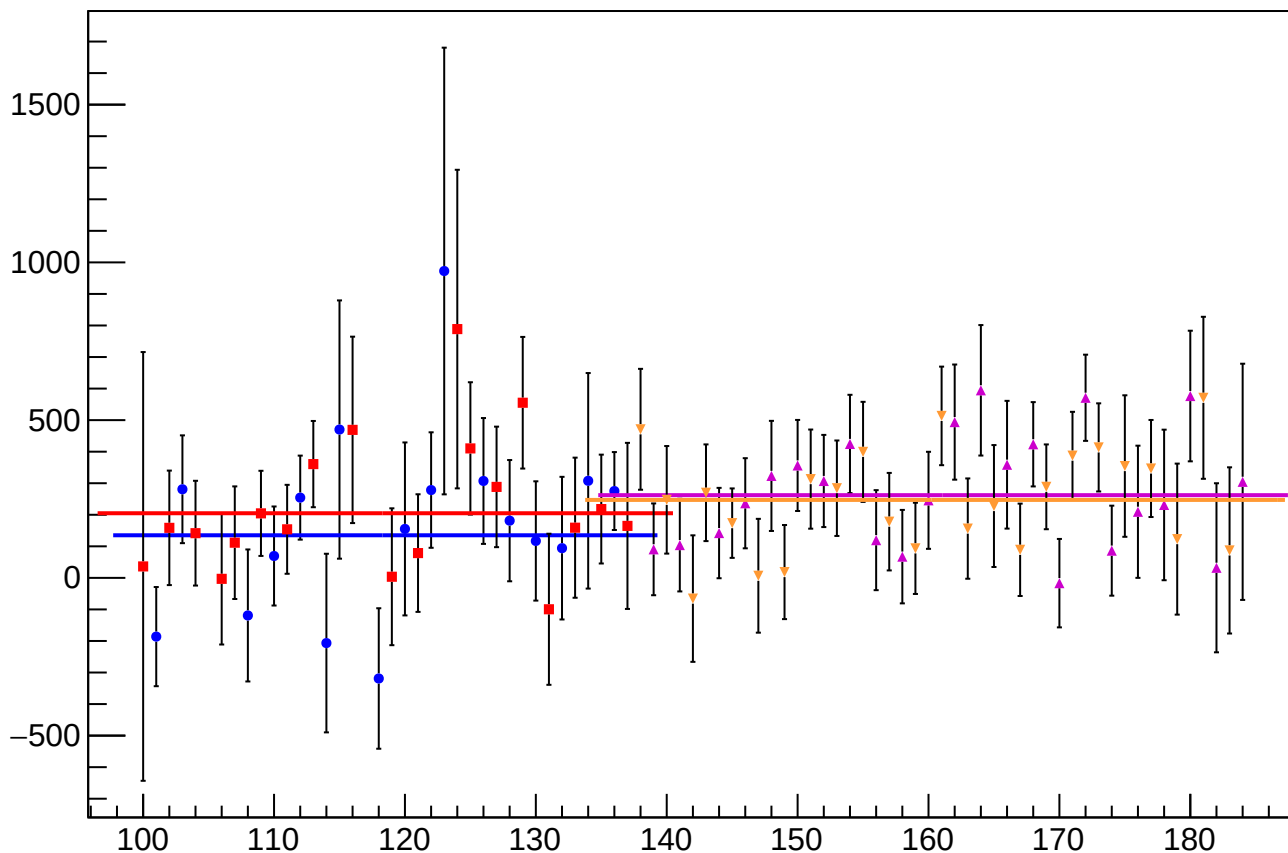
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 270.203 $\pm$ 0.042 χ^2 /NDF: 6856038.0/39

Out: 277.902 $\pm$ 0.042 χ^2 /NDF: 7134619.4/42

All: 274.028 $\pm$ 0.030 χ^2 /NDF: 14007292.2/82

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2/NDF : 18.1/16

Left Out: 247.080 $\pm$ 32.922 χ^2/NDF : 20.7/23

Right Out: 204.866 $\pm$ 44.440 χ^2/NDF : 12.1/18

Left In: 262.179 $\pm$ 34.097 χ^2/NDF : 27.2/22

Left: 254.365 $\pm$ 23.684 χ^2/NDF : 48.0/46

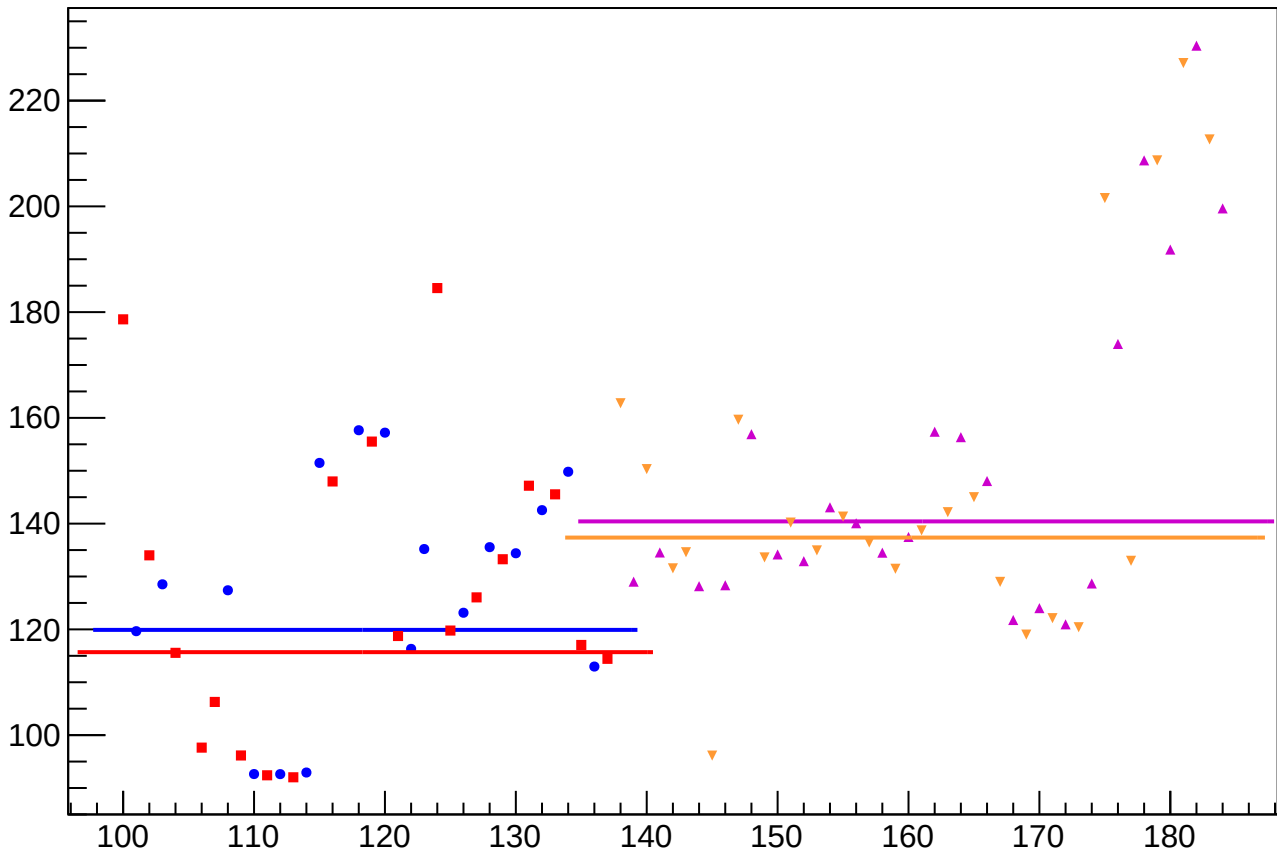
Right: 171.919 $\pm$ 32.299 χ^2/NDF : 31.3/35

In: 218.365 $\pm$ 27.604 χ^2/NDF : 50.0/39

Out: 232.122 $\pm$ 26.454 χ^2/NDF : 33.4/42

All: 225.536 $\pm$ 19.099 χ^2/NDF : 83.5/82

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 137.361 $\pm$ 0.023 χ^2 /NDF:1220836.6/23

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 140.421 $\pm$ 0.024 χ^2 /NDF:842288.1/22

Left: 138.837 $\pm$ 0.017 χ^2 /NDF: 2071459.0/46

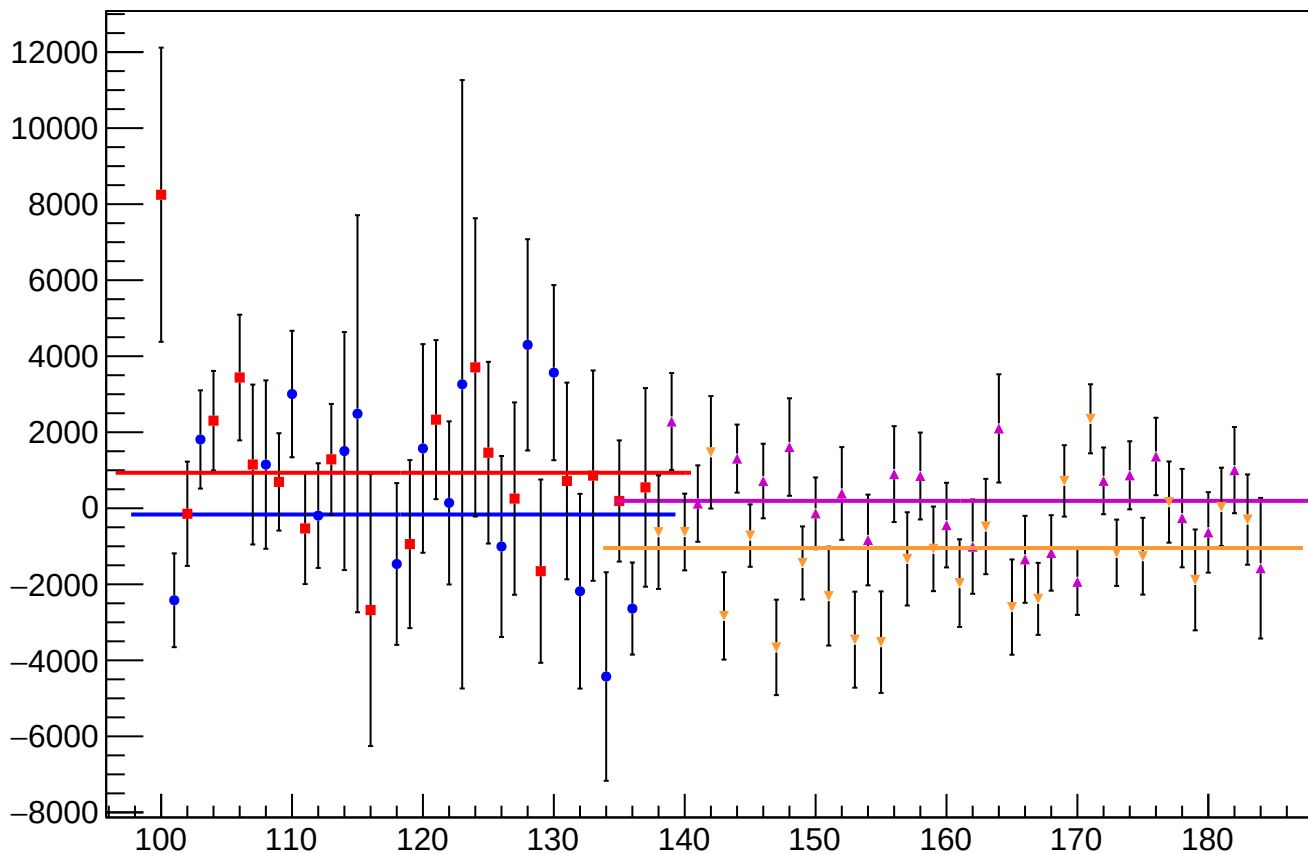
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 133.351 $\pm$ 0.020 χ^2 /NDF:1437338.0/39

Out: 129.683 $\pm$ 0.019 χ^2 /NDF:1963177.9/42

All: 131.439 $\pm$ 0.014 χ^2 /NDF: 3418920.1/82

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1045.490 $\pm$ 223.762 χ^2 /NDF:43.5/23

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 194.721 $\pm$ 226.403 χ^2 /NDF:24.4/22

Left: -432.659 $\pm$ 159.149 χ^2 /NDF: 83.1/46

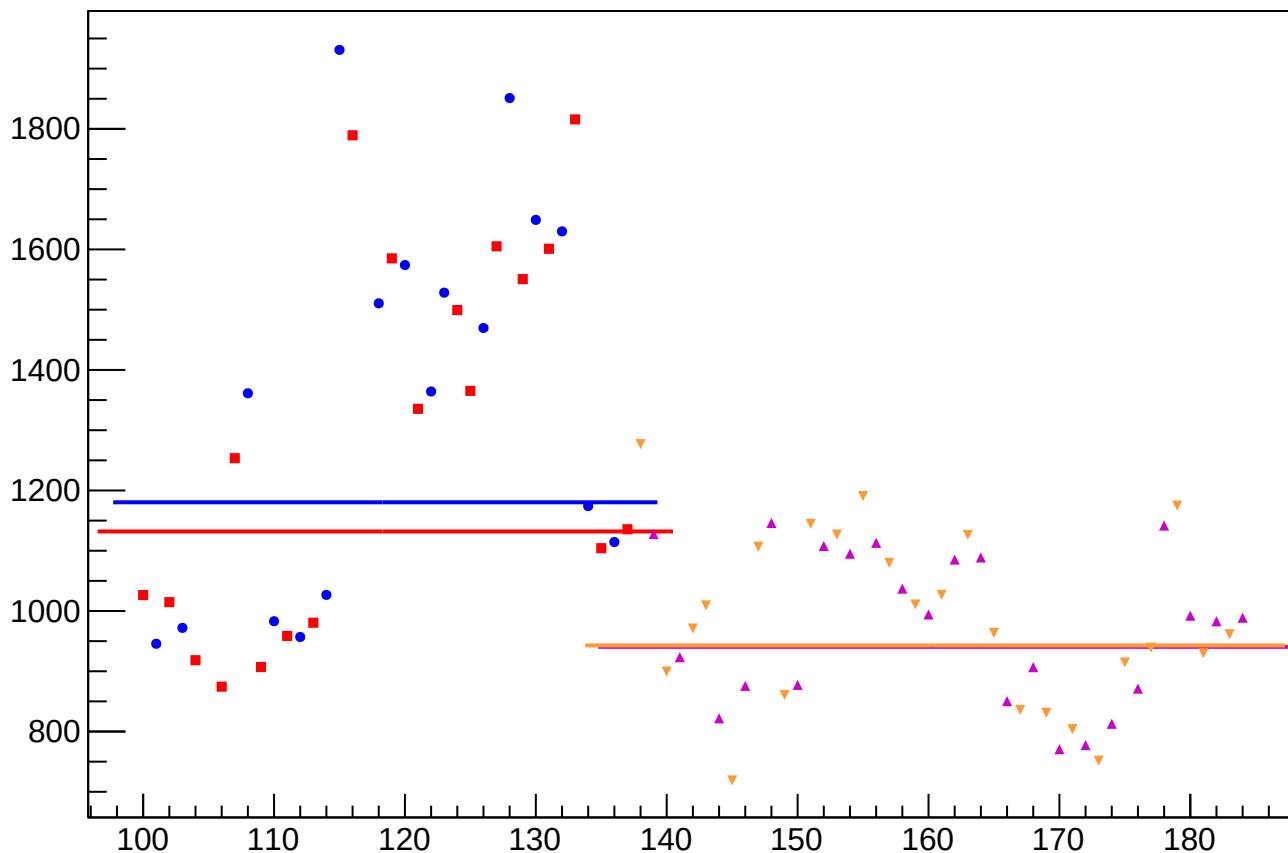
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 127.151 $\pm$ 203.938 χ^2 /NDF:48.6/39

Out: -635.270 $\pm$ 199.232 χ^2 /NDF:72.6/42

All: -262.957 $\pm$ 142.513 χ^2 /NDF: 128.3/82

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 942.906 $\pm$ 0.158 χ^2 /NDF: 814975.6/23

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 940.516 $\pm$ 0.160 χ^2 /NDF: 591572.1/22

Left: 941.725 $\pm$ 0.113 χ^2 /NDF: 1406660.4/46

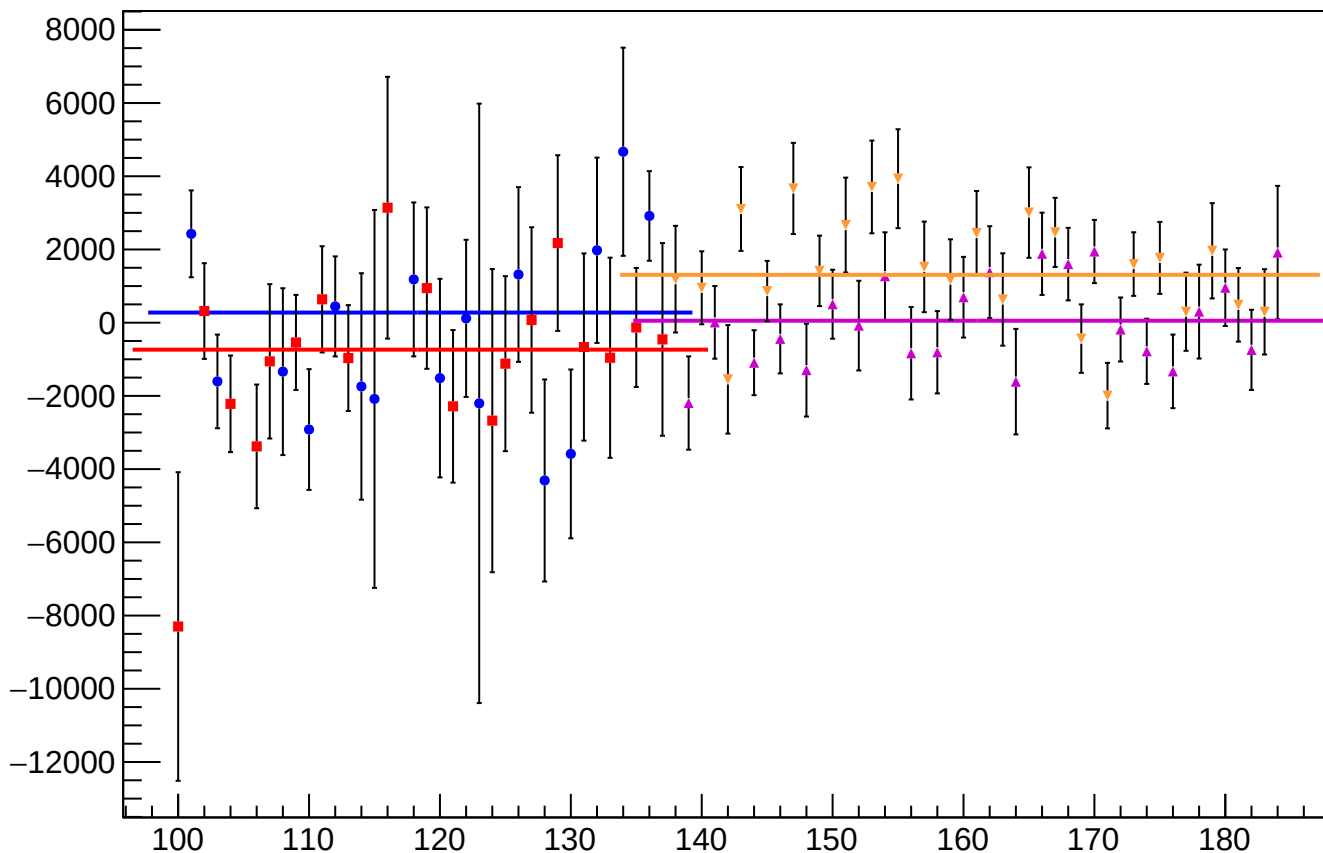
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 985.760 $\pm$ 0.144 χ^2 /NDF: 1683898.5/39

Out: 982.089 $\pm$ 0.141 χ^2 /NDF: 1872803.6/42

All: 983.882 $\pm$ 0.101 χ^2 /NDF: 3557033.8/82

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1306.369 $\pm$ 222.217 χ^2/NDF : 43.4/23

Right Out: -736.749 $\pm$ 437.448 χ^2/NDF : 12.8/18

Left In: 53.940 $\pm$ 224.371 χ^2/NDF : 26.4/22

Left: 686.194 $\pm$ 157.887 χ^2/NDF : 85.5/46

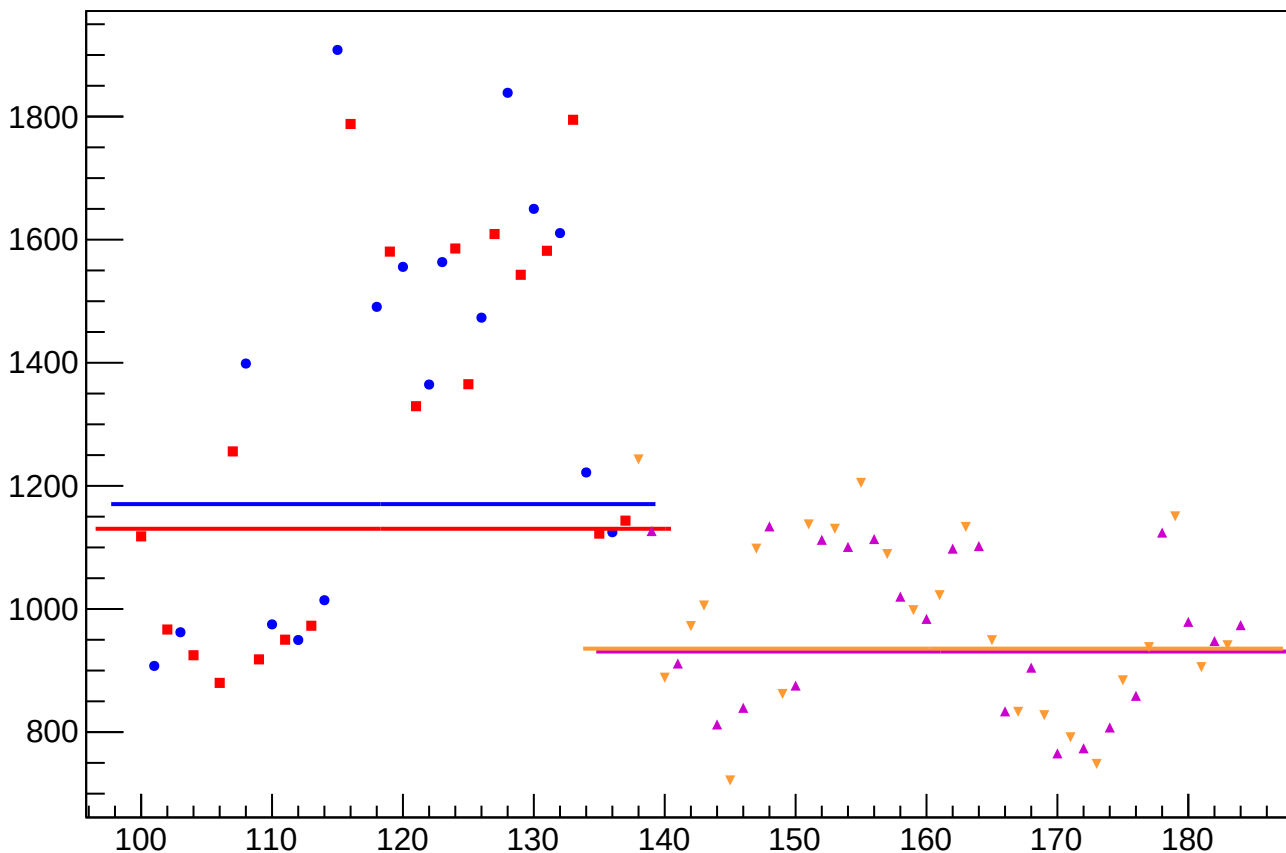
Right: -262.610 $\pm$ 319.075 χ^2/NDF : 39.7/35

In: 95.748 $\pm$ 202.193 χ^2/NDF : 50.9/39

Out: 887.289 $\pm$ 198.120 χ^2/NDF : 73.5/42

All: 499.571 $\pm$ 141.510 χ^2/NDF : 132.3/82

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 935.599 $\pm$ 0.157 χ^2 /NDF:813282.1/23

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 930.854 $\pm$ 0.159 χ^2 /NDF:621985.5/22

Left: 933.249 $\pm$ 0.112 χ^2 /NDF: 1435719.0/46

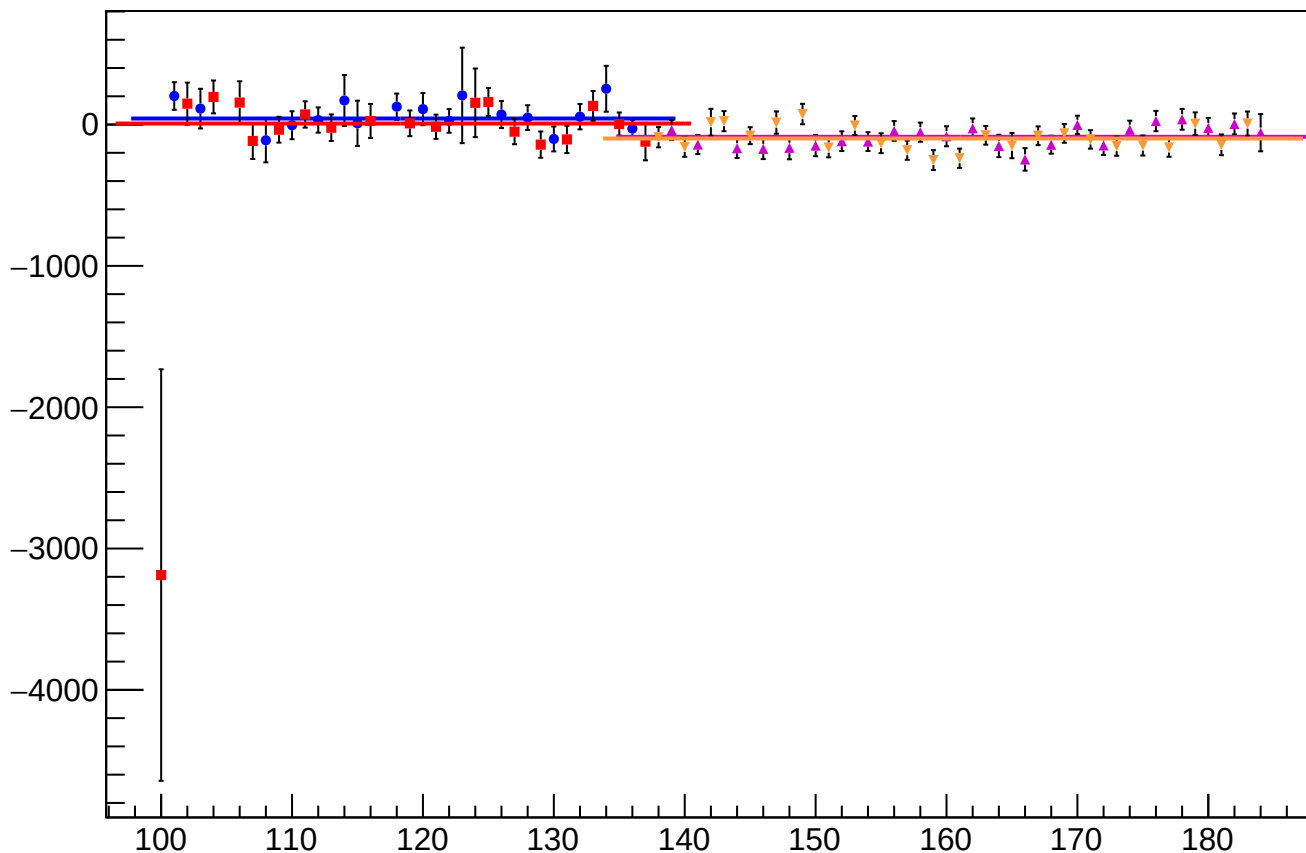
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 975.870 $\pm$ 0.143 χ^2 /NDF:1755883.0/39

Out: 975.540 $\pm$ 0.140 χ^2 /NDF:1891330.7/42

All: 975.702 $\pm$ 0.100 χ^2 /NDF: 3647216.4/82

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -98.659 ± 14.471 $\chi^2/\text{NDF}: 32.9/23$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -86.657 ± 14.916 $\chi^2/\text{NDF}: 23.5/22$

Left: -92.839 ± 10.386 $\chi^2/\text{NDF}: 56.7/46$

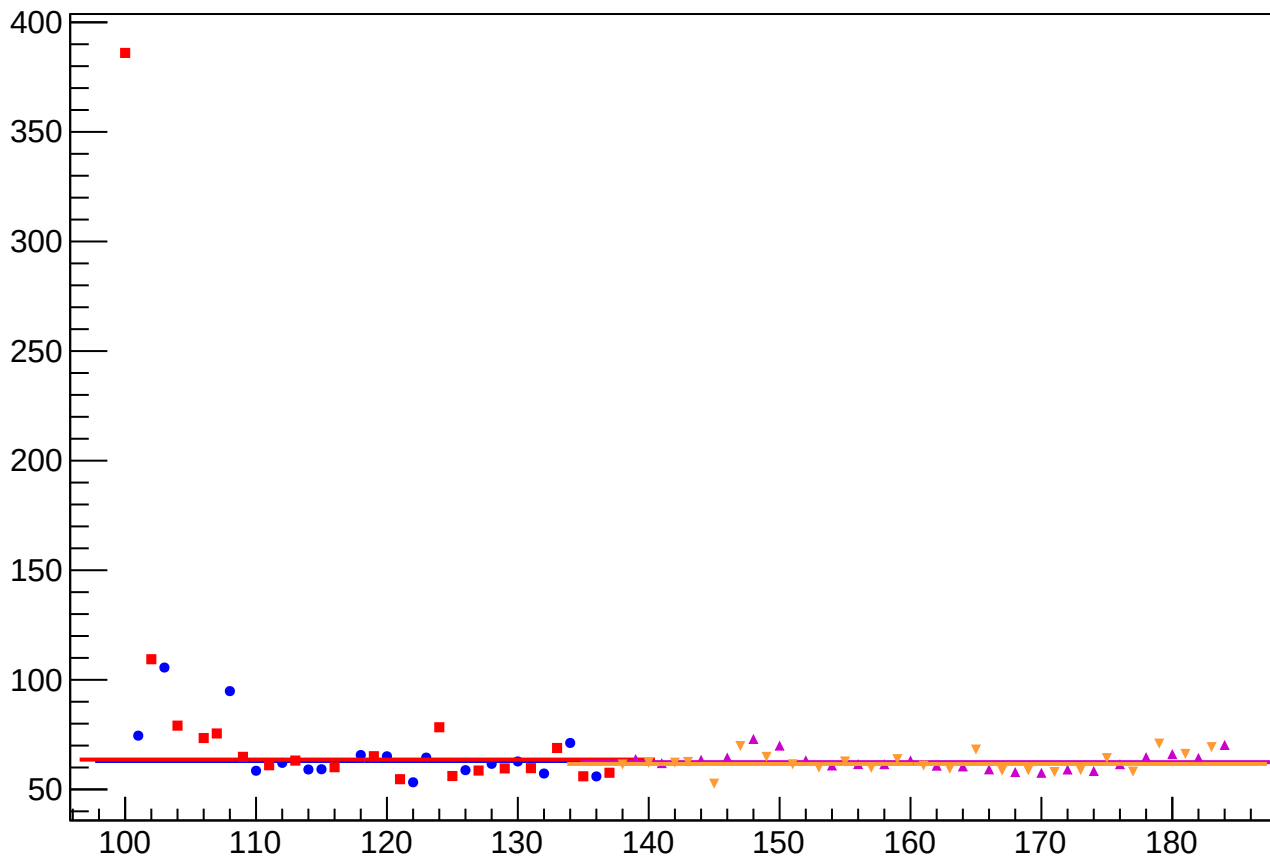
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -52.100 ± 12.768 $\chi^2/\text{NDF}: 55.6/39$

Out: -71.288 ± 12.459 $\chi^2/\text{NDF}: 67.3/42$

All: -61.930 ± 8.917 $\chi^2/\text{NDF}: 124.0/82$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.618 $\pm$ 0.010 χ^2 /NDF: 166328.8/23

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.447 $\pm$ 0.011 χ^2 /NDF: 115477.5/22

Left: 62.020 $\pm$ 0.007 χ^2 /NDF: 284993.6/46

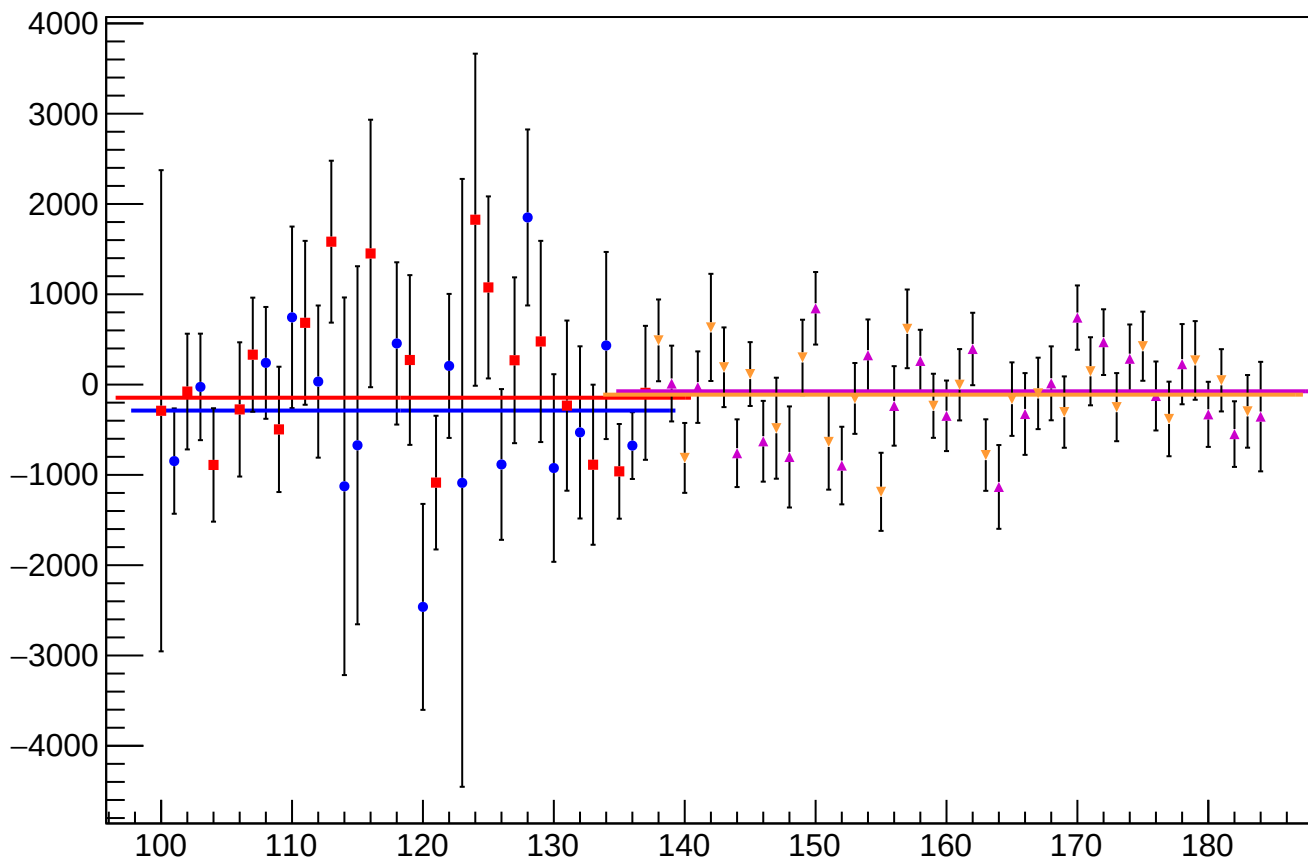
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.590 $\pm$ 0.009 χ^2 /NDF: 491422.8/39

Out: 62.134 $\pm$ 0.009 χ^2 /NDF: 609723.6/42

All: 62.356 $\pm$ 0.006 χ^2 /NDF: 1102450.0/82

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -111.441 $\pm$ 83.531 χ^2 /NDF:26.4/23

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -74.139 $\pm$ 84.673 χ^2 /NDF:36.3/22

Left: -93.043 $\pm$ 59.465 χ^2 /NDF: 62.8/46

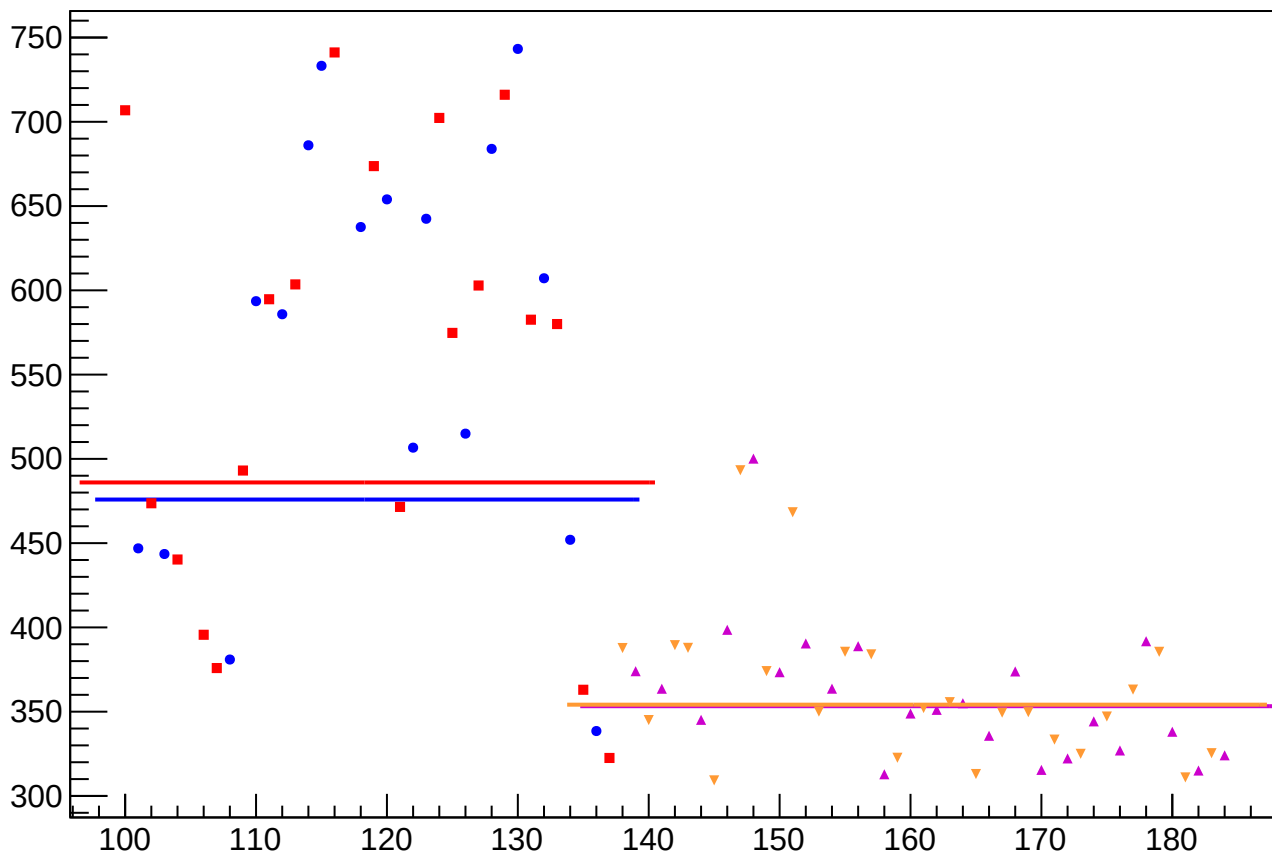
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -109.557 $\pm$ 77.333 χ^2 /NDF:52.7/39

Out: -117.064 $\pm$ 76.289 χ^2 /NDF:42.5/42

All: -113.362 $\pm$ 54.310 χ^2 /NDF: 95.2/82

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 354.156 $\pm$ 0.059 χ^2 /NDF: 413212.5/23

Right Out: 486.011 $\pm$ 0.132 χ^2 /NDF: 730123.7/18

Left In: 353.246 $\pm$ 0.060 χ^2 /NDF: 328781.6/22

Left: 353.707 $\pm$ 0.042 χ^2 /NDF: 742111.1/46

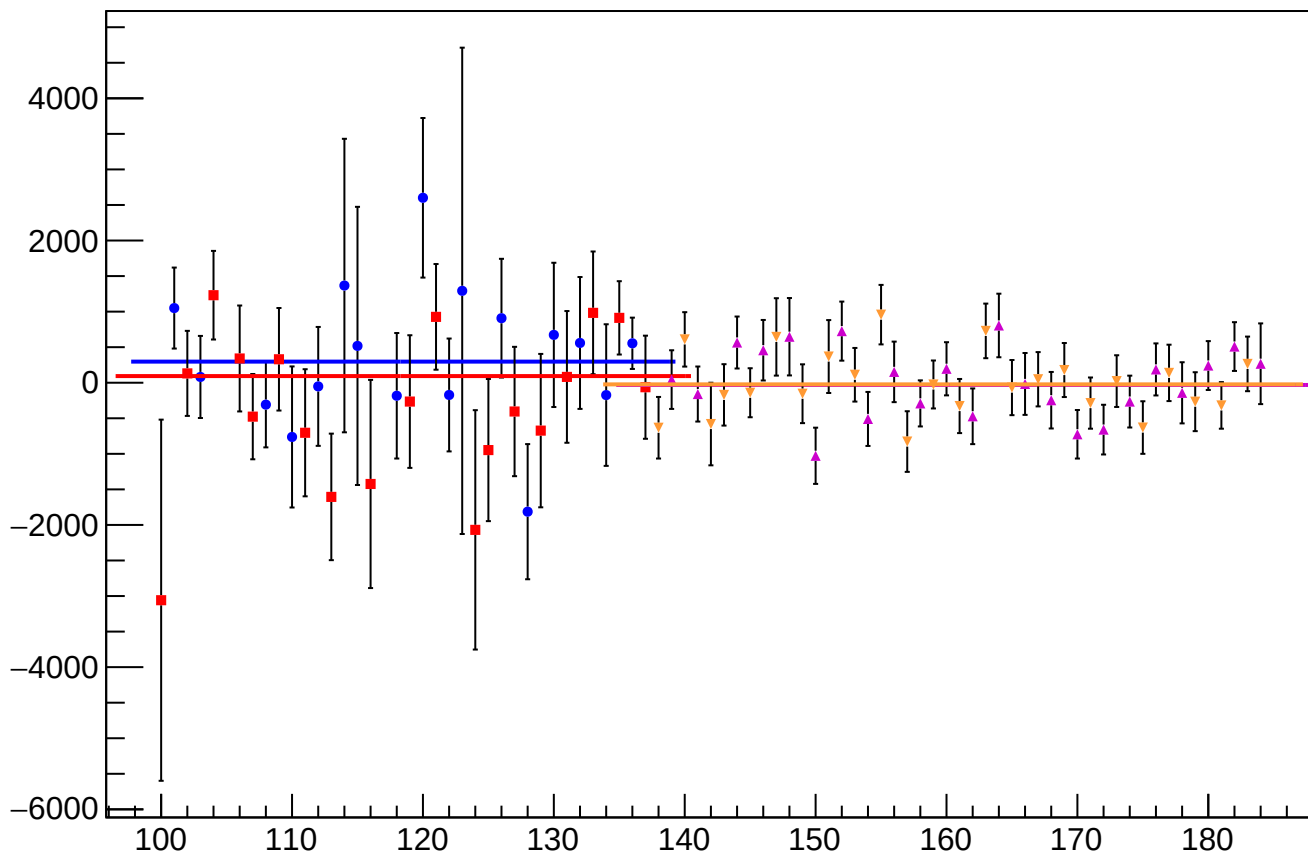
Right: 481.010 $\pm$ 0.094 χ^2 /NDF: 1570822.6/35

In: 373.585 $\pm$ 0.055 χ^2 /NDF: 1862301.4/39

Out: 376.028 $\pm$ 0.054 χ^2 /NDF: 1969975.7/42

All: 374.823 $\pm$ 0.038 χ^2 /NDF: 3833289.2/82

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: -23.144 $\pm$ 80.591 χ^2 /NDF:27.2/23

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: -31.531 $\pm$ 81.476 χ^2 /NDF:34.8/22

Left: -27.292 $\pm$ 57.297 χ^2 /NDF: 62.0/46

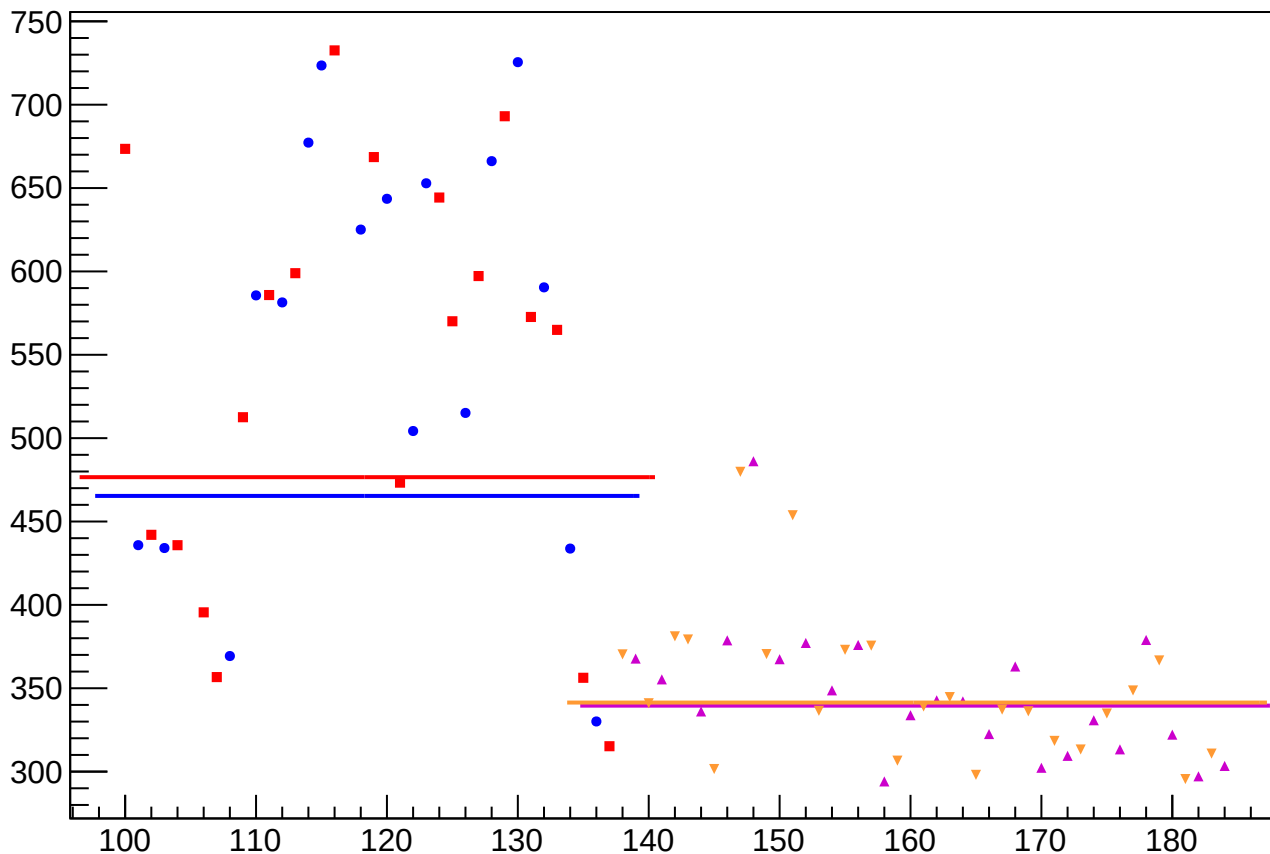
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 21.368 $\pm$ 74.628 χ^2 /NDF:53.3/39

Out: -4.351 $\pm$ 73.815 χ^2 /NDF:47.6/42

All: 8.368 $\pm$ 52.480 χ^2 /NDF: 100.9/82

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 341.420 $\pm$ 0.057 χ^2/NDF : 448202.7/23

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 339.571 $\pm$ 0.058 χ^2/NDF : 377816.0/22

Left: 340.505 $\pm$ 0.041 χ^2/NDF : 826539.2/46

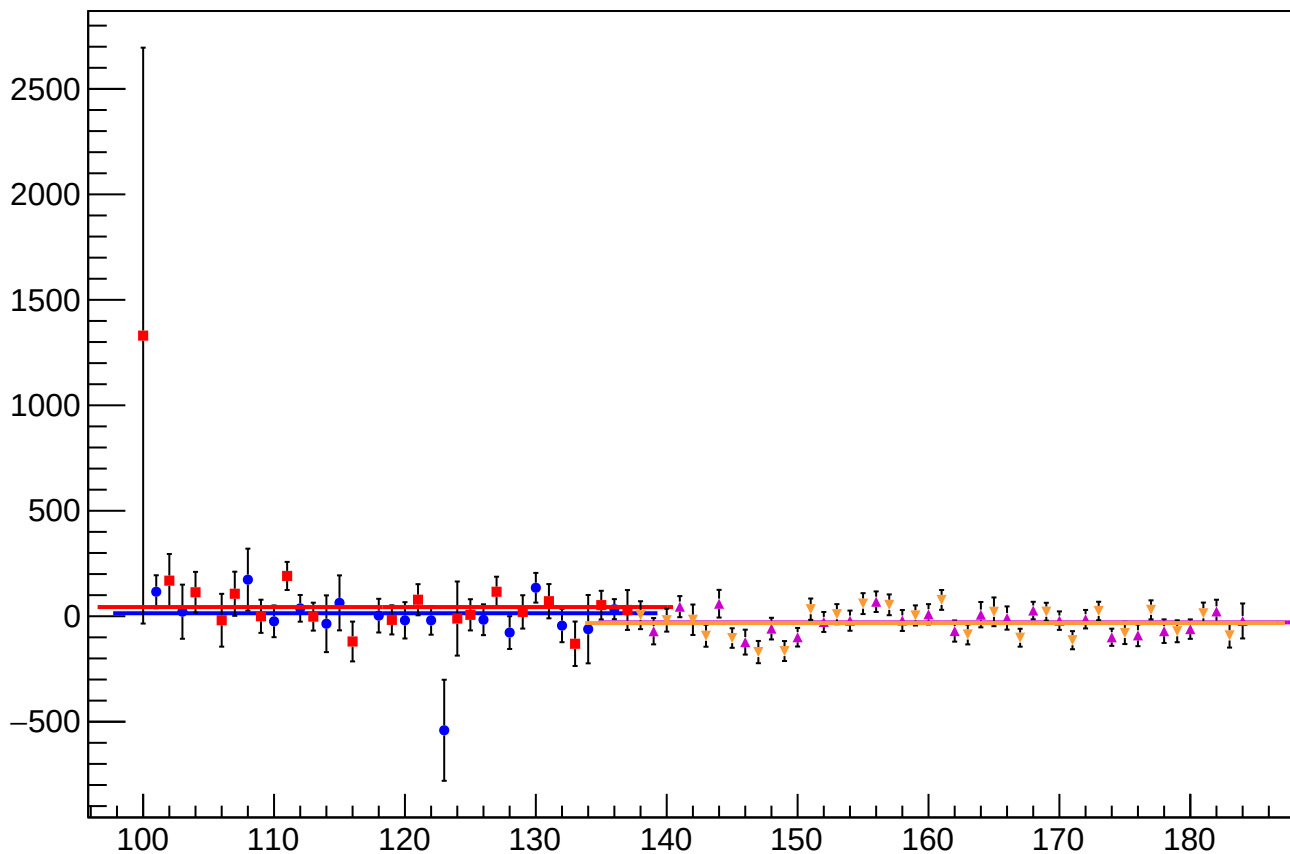
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 359.825 $\pm$ 0.053 χ^2/NDF : 2005817.1/39

Out: 363.195 $\pm$ 0.052 χ^2/NDF : 2107534.0/42

All: 361.528 $\pm$ 0.037 χ^2/NDF : 4115411.5/82

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -32.306 ± 10.155 $\chi^2/\text{NDF}: 50.5/23$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -28.995 ± 10.494 $\chi^2/\text{NDF}: 24.1/22$

Left: -30.705 ± 7.297 $\chi^2/\text{NDF}: 74.6/46$

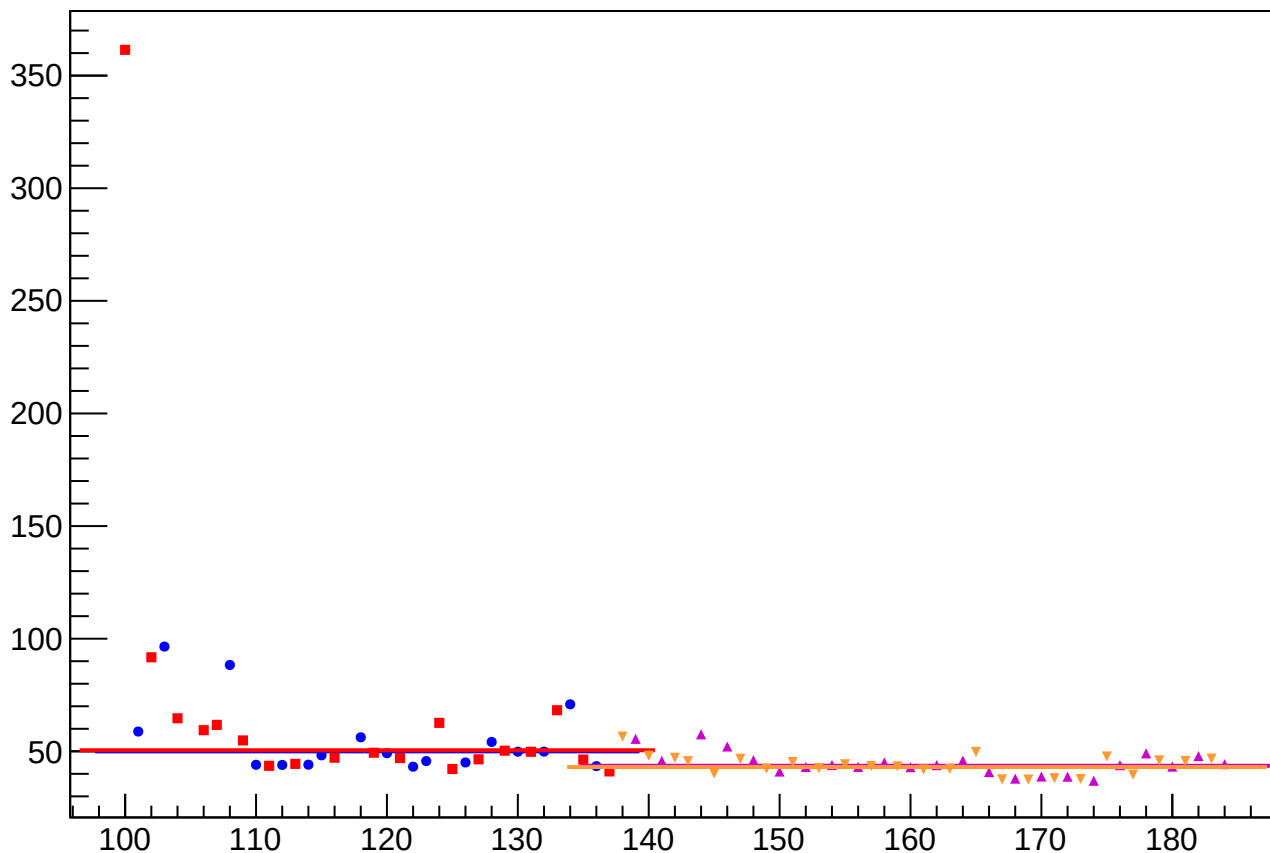
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -19.561 ± 9.279 $\chi^2/\text{NDF}: 42.6/39$

Out: -16.304 ± 9.021 $\chi^2/\text{NDF}: 79.3/42$

All: -17.886 ± 6.468 $\chi^2/\text{NDF}: 122.0/82$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 43.008 $\pm$ 0.007 χ^2 /NDF: 328111.6/23

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 43.582 $\pm$ 0.007 χ^2 /NDF: 403339.6/22

Left: 43.286 $\pm$ 0.005 χ^2 /NDF: 734537.6/46

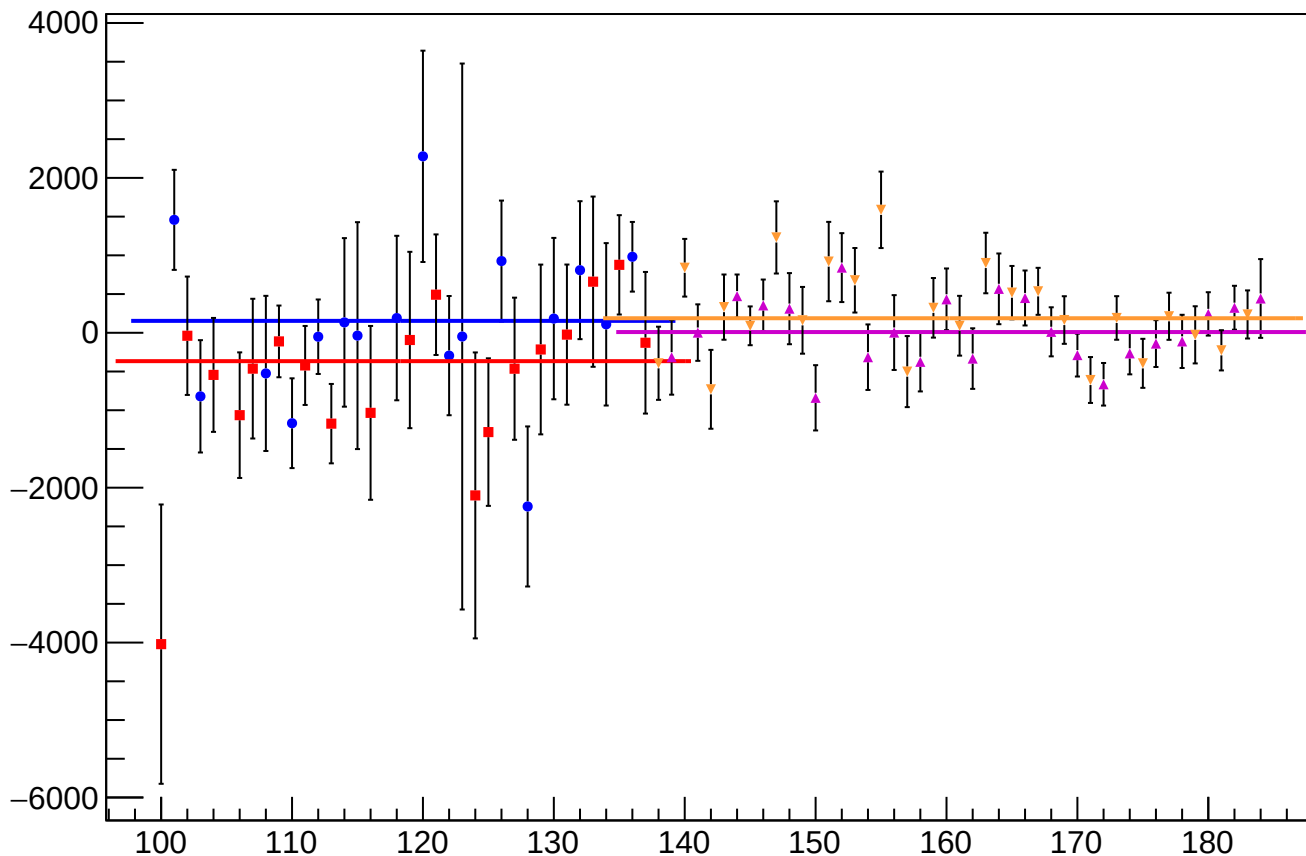
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 44.976 $\pm$ 0.007 χ^2 /NDF: 1143914.3/39

Out: 44.582 $\pm$ 0.006 χ^2 /NDF: 1127186.2/42

All: 44.774 $\pm$ 0.005 χ^2 /NDF: 2272956.8/82

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 187.828 $\pm$ 72.019 χ^2 /NDF:46.1/23

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 9.477 $\pm$ 72.601 χ^2 /NDF:30.0/22

Left: 99.371 $\pm$ 51.130 χ^2 /NDF: 79.2/46

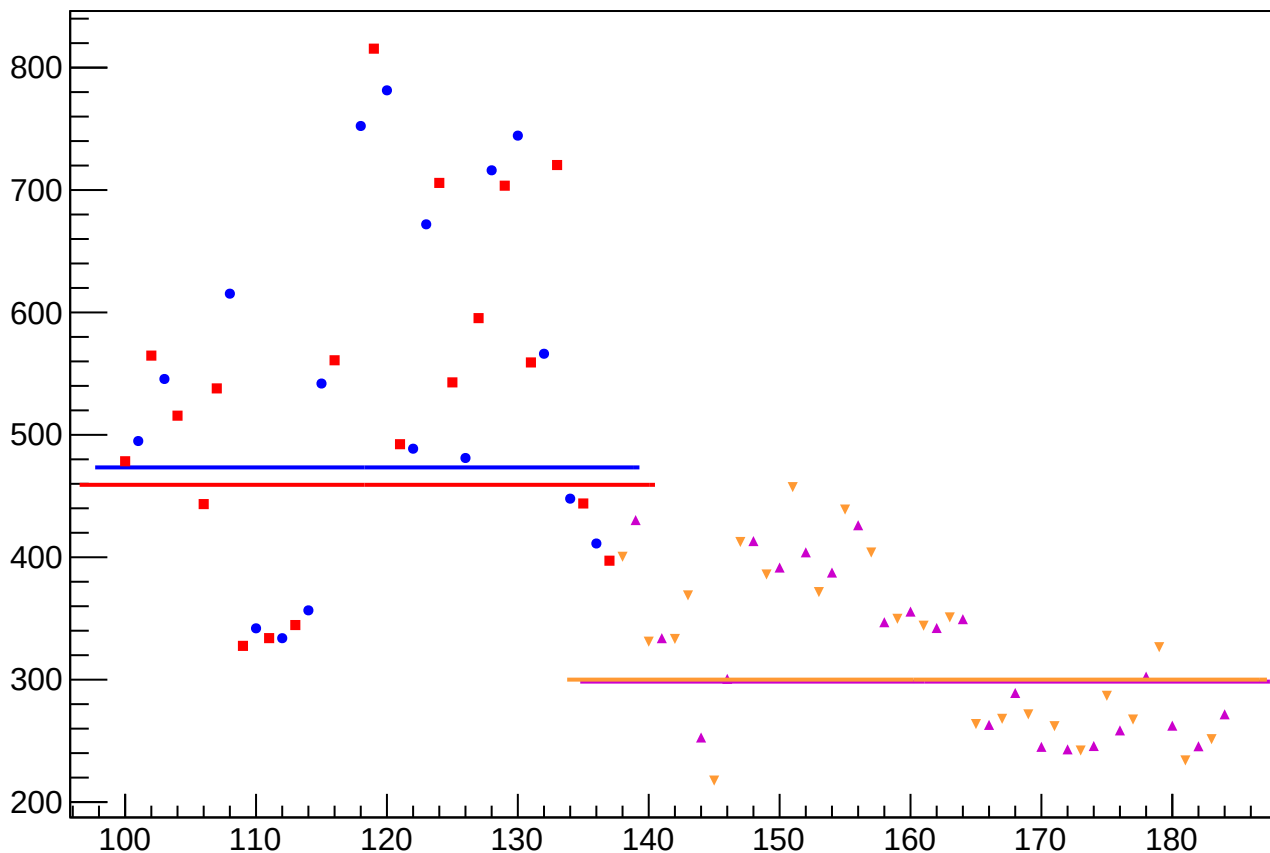
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 27.876 $\pm$ 67.817 χ^2 /NDF:55.3/39

Out: 110.559 $\pm$ 66.809 χ^2 /NDF:70.6/42

All: 69.837 $\pm$ 47.594 χ^2 /NDF: 126.7/82

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 300.044 $\pm$ 0.051 χ^2 /NDF:1574487.4/23

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 298.418 $\pm$ 0.051 χ^2 /NDF:1304411.3/22

Left: 299.237 $\pm$ 0.036 χ^2 /NDF: 2879403.9/46

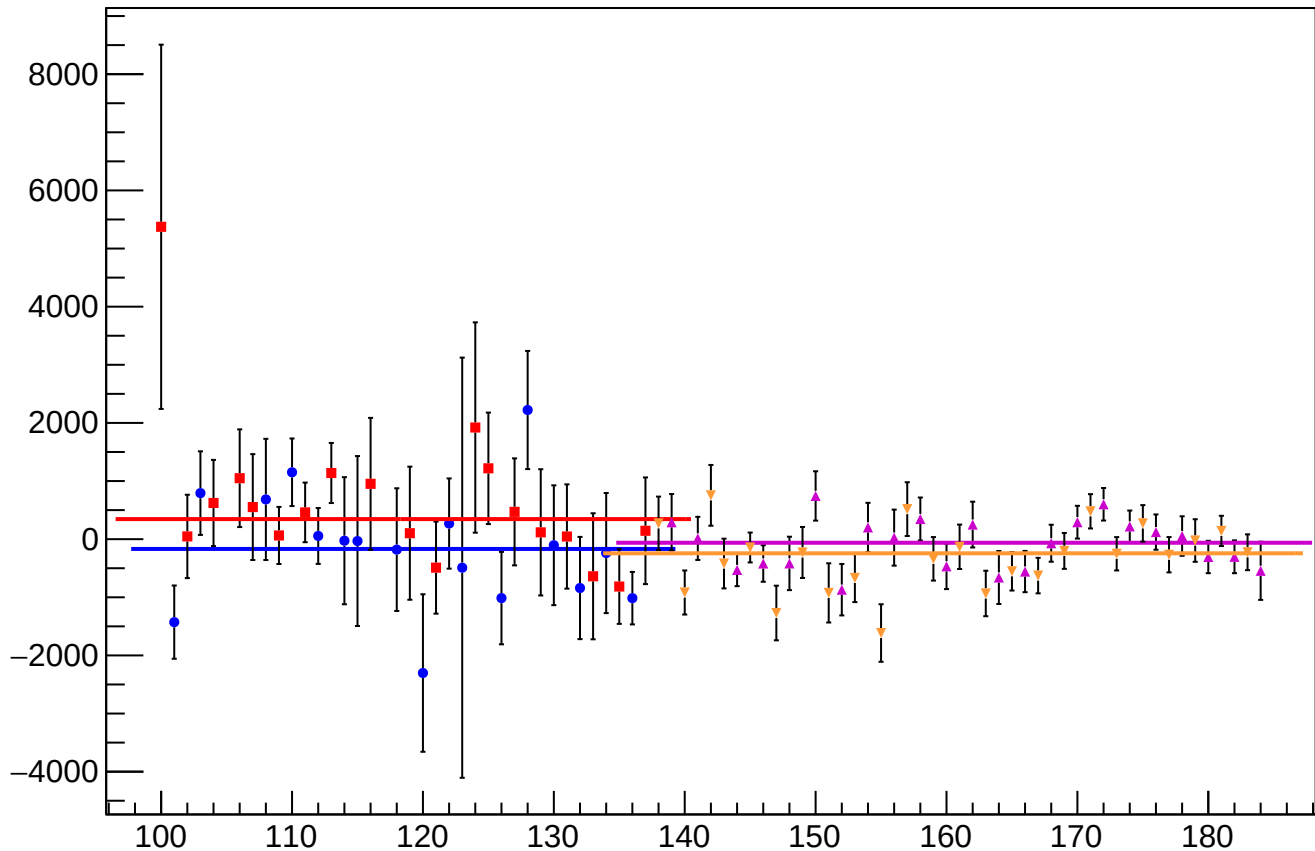
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 320.720 $\pm$ 0.048 χ^2 /NDF:3700150.1/39

Out: 322.235 $\pm$ 0.047 χ^2 /NDF:3942694.1/42

All: 321.489 $\pm$ 0.034 χ^2 /NDF: 7643350.3/82

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -243.279+/-72.118 χ^2/NDF : 43.3/23

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -61.707+/-72.478 χ^2/NDF : 30.3/22

Left: -152.945+/-51.122 χ^2/NDF : 76.8/46

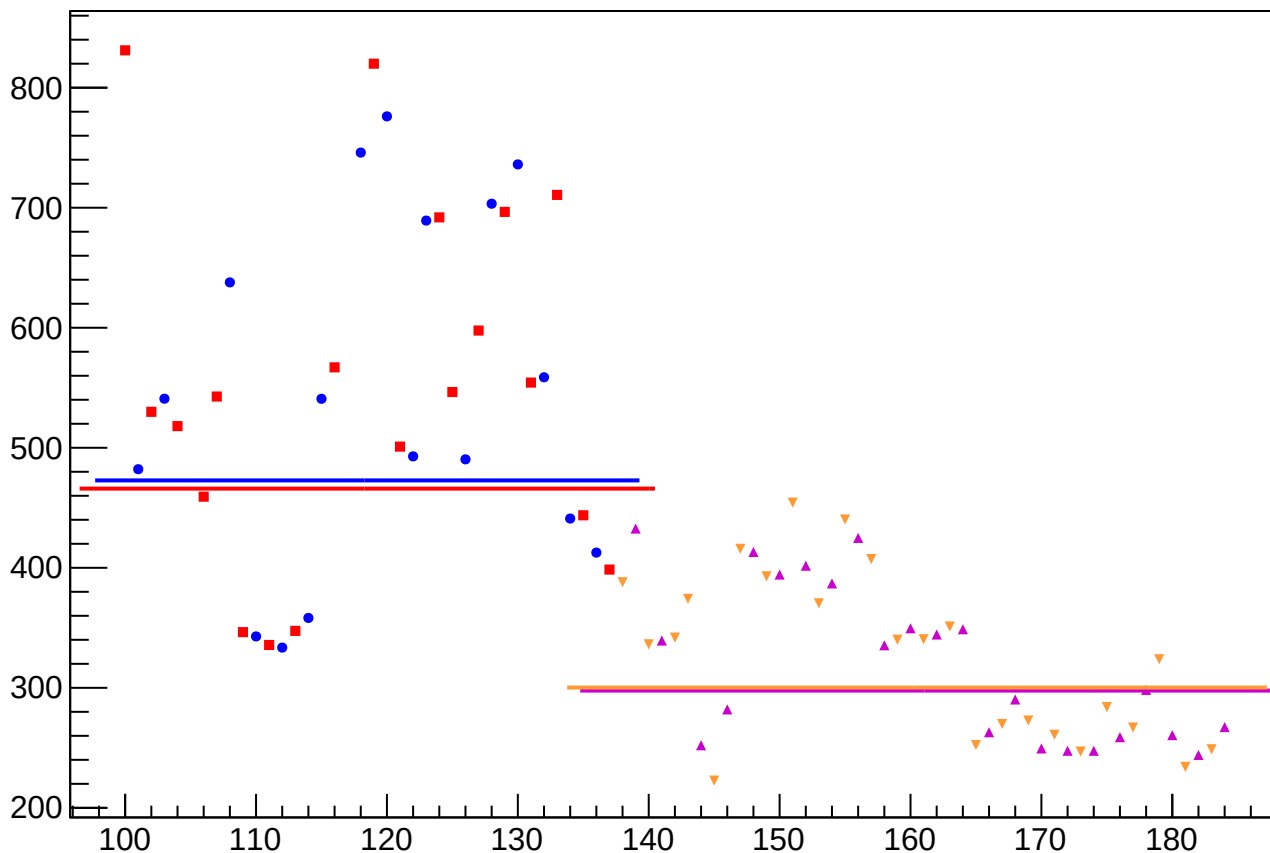
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -75.245+/-67.707 χ^2/NDF : 56.0/39

Out: -162.812+/-67.009 χ^2/NDF : 66.2/42

All: -119.483+/-47.627 χ^2/NDF : 123.0/82

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 300.233 $\pm$ 0.051 χ^2 /NDF:1545726.9/23

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 297.696 $\pm$ 0.051 χ^2 /NDF:1274607.7/22

Left: 298.971 $\pm$ 0.036 χ^2 /NDF: 2821565.9/46

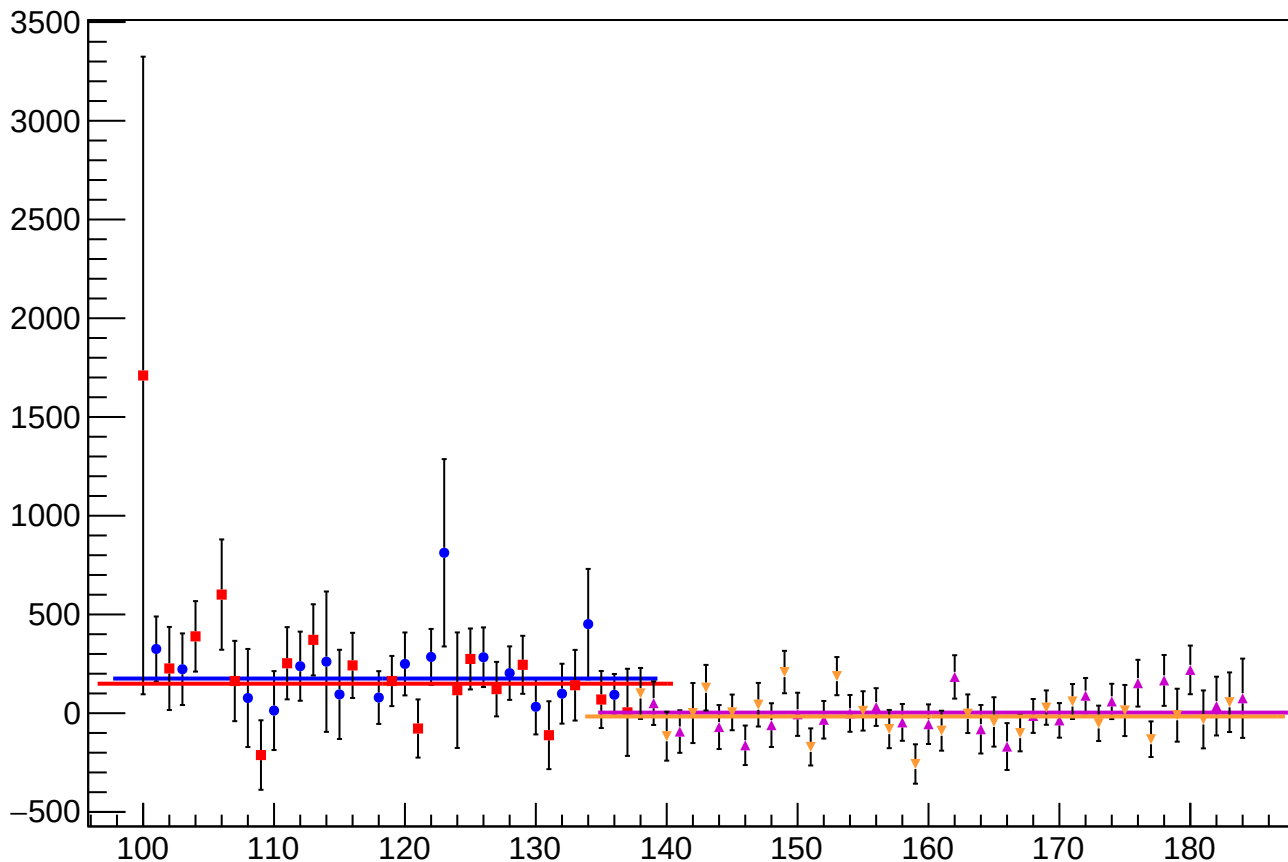
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 319.991 $\pm$ 0.048 χ^2 /NDF:3657523.8/39

Out: 322.887 $\pm$ 0.047 χ^2 /NDF:3931702.6/42

All: 321.454 $\pm$ 0.034 χ^2 /NDF: 7591074.3/82

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -16.626 $\pm$ 21.517 χ^2 /NDF:25.8/23

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: 3.016 $\pm$ 21.993 χ^2 /NDF:18.6/22

Left: -7.020 $\pm$ 15.380 χ^2 /NDF: 44.8/46

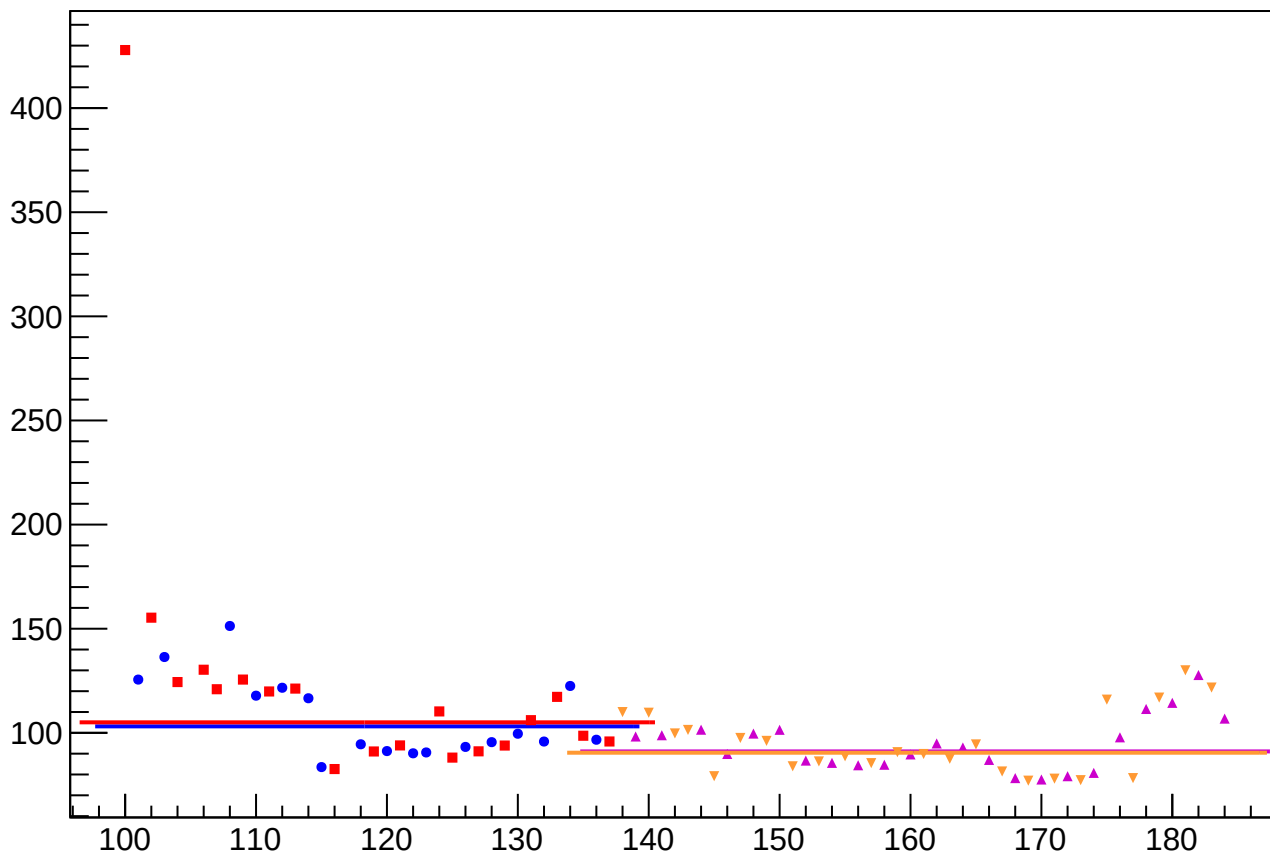
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 42.502 $\pm$ 19.312 χ^2 /NDF:41.3/39

Out: 20.181 $\pm$ 18.983 χ^2 /NDF:57.4/42

All: 31.150 $\pm$ 13.538 χ^2 /NDF: 99.4/82

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 90.458 $\pm$ 0.015 χ^2 /NDF: 760582.7/23

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 91.077 $\pm$ 0.016 χ^2 /NDF: 518918.8/22

Left: 90.761 $\pm$ 0.011 χ^2 /NDF: 1280311.9/46

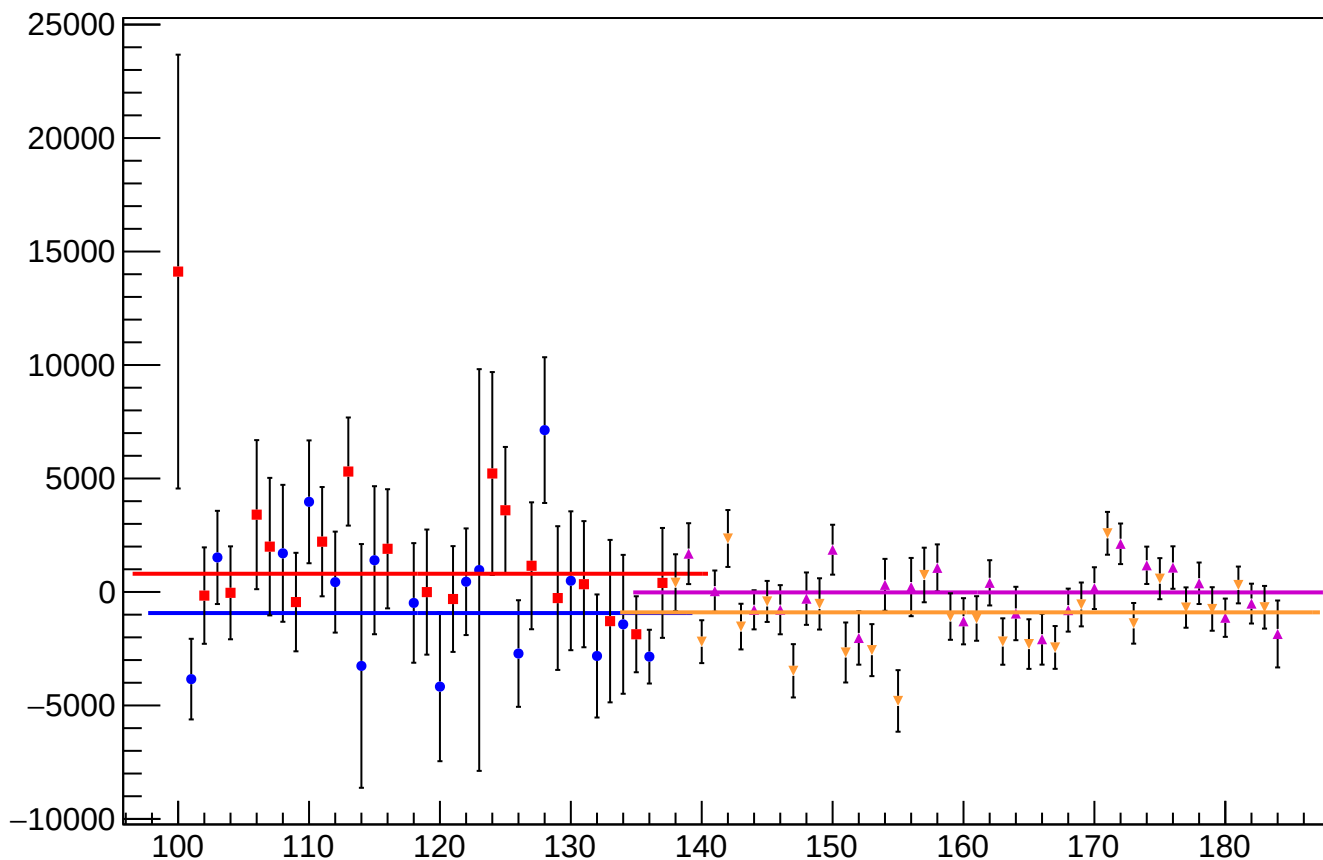
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 93.833 $\pm$ 0.014 χ^2 /NDF: 962483.8/39

Out: 93.692 $\pm$ 0.013 χ^2 /NDF: 1413049.2/42

All: 93.761 $\pm$ 0.010 χ^2 /NDF: 2375587.6/82

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: -897.998 $\pm$ 207.362 χ^2 /NDF:54.4/23

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: -19.191 $\pm$ 210.437 χ^2 /NDF:29.5/22

Left: -465.063 $\pm$ 147.702 χ^2 /NDF: 92.8/46

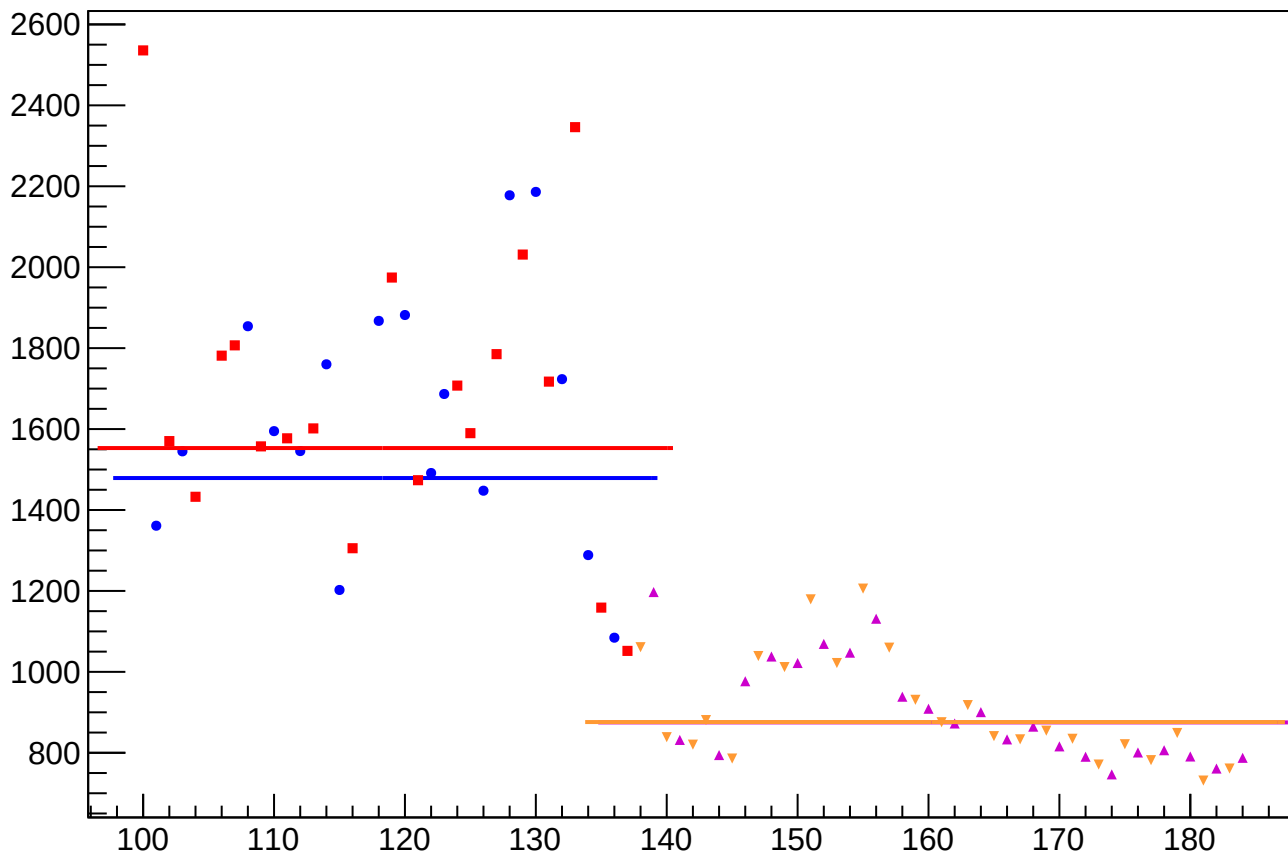
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -122.806 $\pm$ 198.091 χ^2 /NDF:52.5/39

Out: -713.132 $\pm$ 195.769 χ^2 /NDF:74.6/42

All: -421.449 $\pm$ 139.243 χ^2 /NDF: 131.6/82

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 875.962 $\pm$ 0.147 χ^2 /NDF: 613112.3/23

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 875.074 $\pm$ 0.149 χ^2 /NDF: 583342.7/22

Left: 875.525 $\pm$ 0.104 χ^2 /NDF: 1196473.1/46

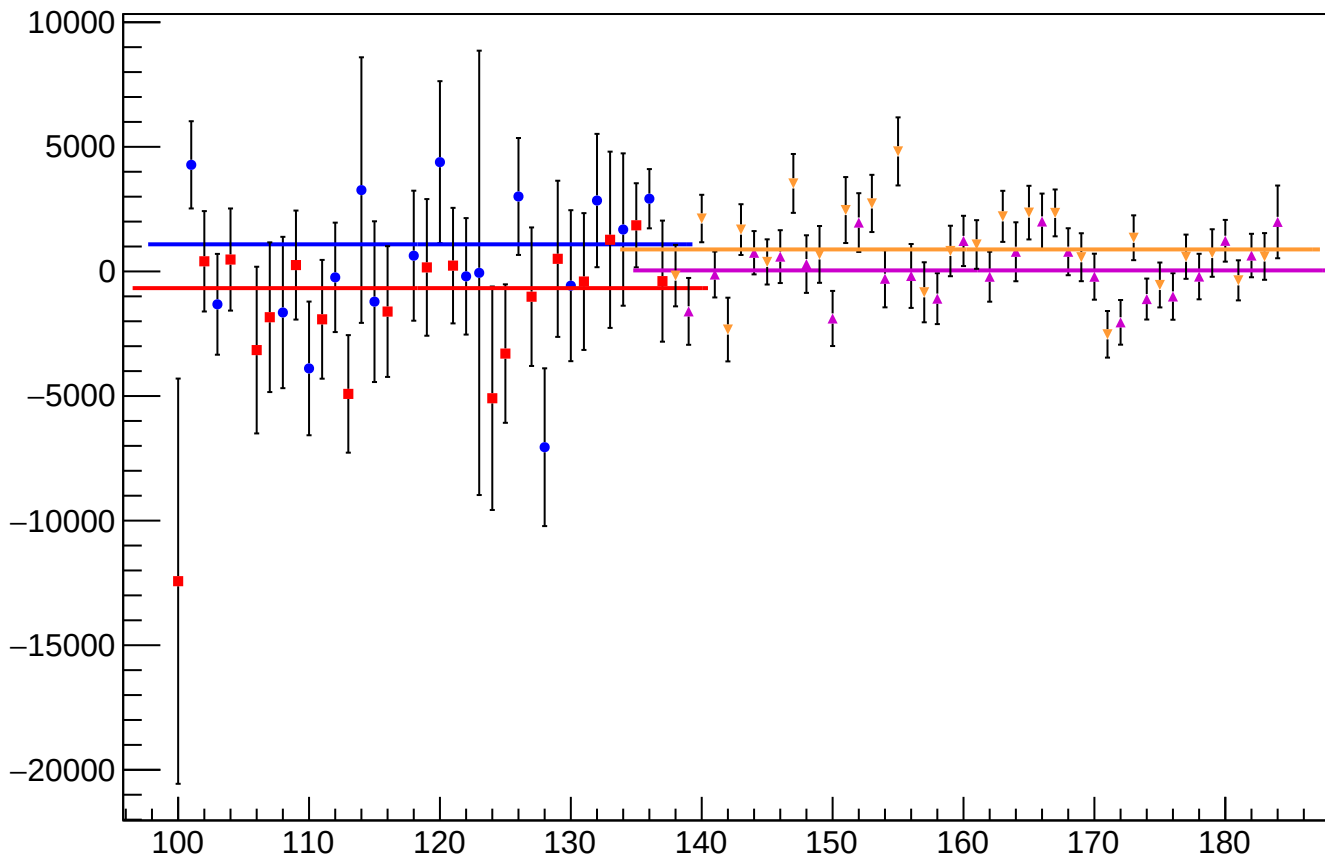
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 943.857 $\pm$ 0.140 χ^2 /NDF: 3048999.9/39

Out: 949.558 $\pm$ 0.138 χ^2 /NDF: 3414738.7/42

All: 946.741 $\pm$ 0.098 χ^2 /NDF: 6464576.7/82

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 883.136 $\pm$ 207.121 χ^2 /NDF:53.8/23

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 41.523 $\pm$ 210.209 χ^2 /NDF:28.1/22

Left: 468.556 $\pm$ 147.536 χ^2 /NDF: 90.1/46

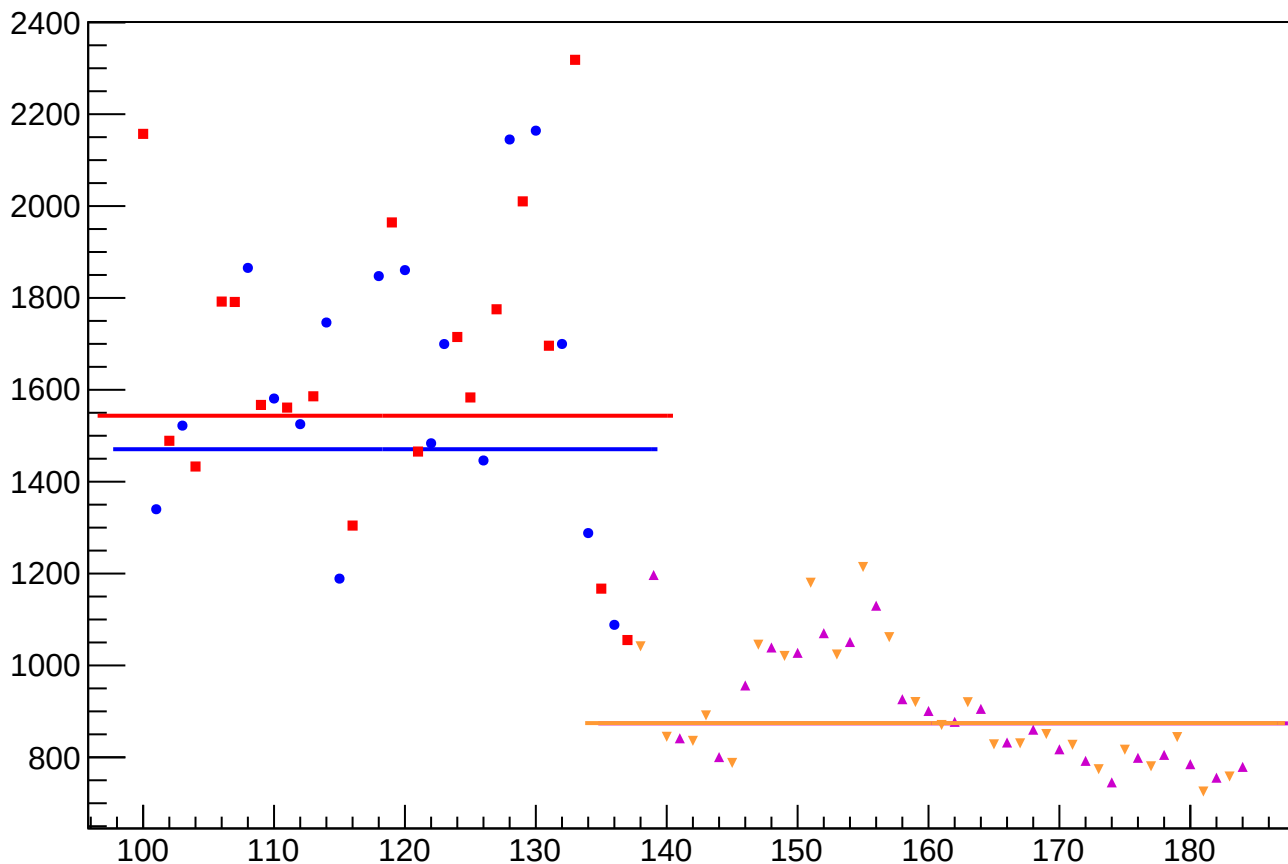
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 161.798 $\pm$ 197.760 χ^2 /NDF:52.8/39

Out: 712.707 $\pm$ 195.428 χ^2 /NDF:72.1/42

All: 440.519 $\pm$ 139.006 χ^2 /NDF: 128.8/82

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 874.482+/-0.146 χ^2/NDF : 625957.8/23

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 873.902+/-0.149 χ^2/NDF : 583344.5/22

Left: 874.196+/-0.104 χ^2/NDF : 1209310.0/46

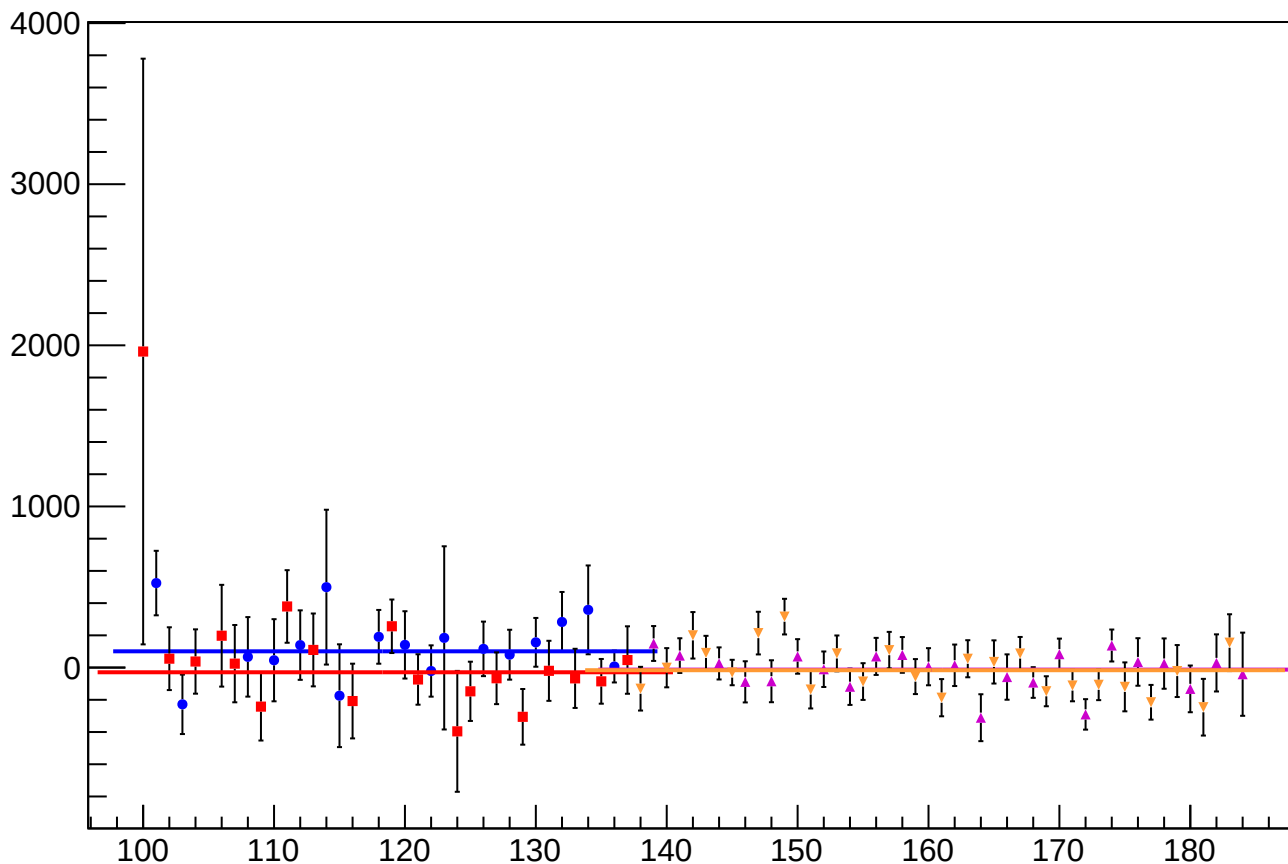
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 942.493+/-0.140 χ^2/NDF : 3003797.9/39

Out: 947.896+/-0.138 χ^2/NDF : 3370326.4/42

All: 945.227+/-0.098 χ^2/NDF : 6374879.5/82

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: -16.336 $\pm$ 23.481 χ^2 /NDF:33.8/23

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: -12.678 $\pm$ 24.667 χ^2 /NDF:24.3/22

Left: -14.597 $\pm$ 17.007 χ^2 /NDF: 58.1/46

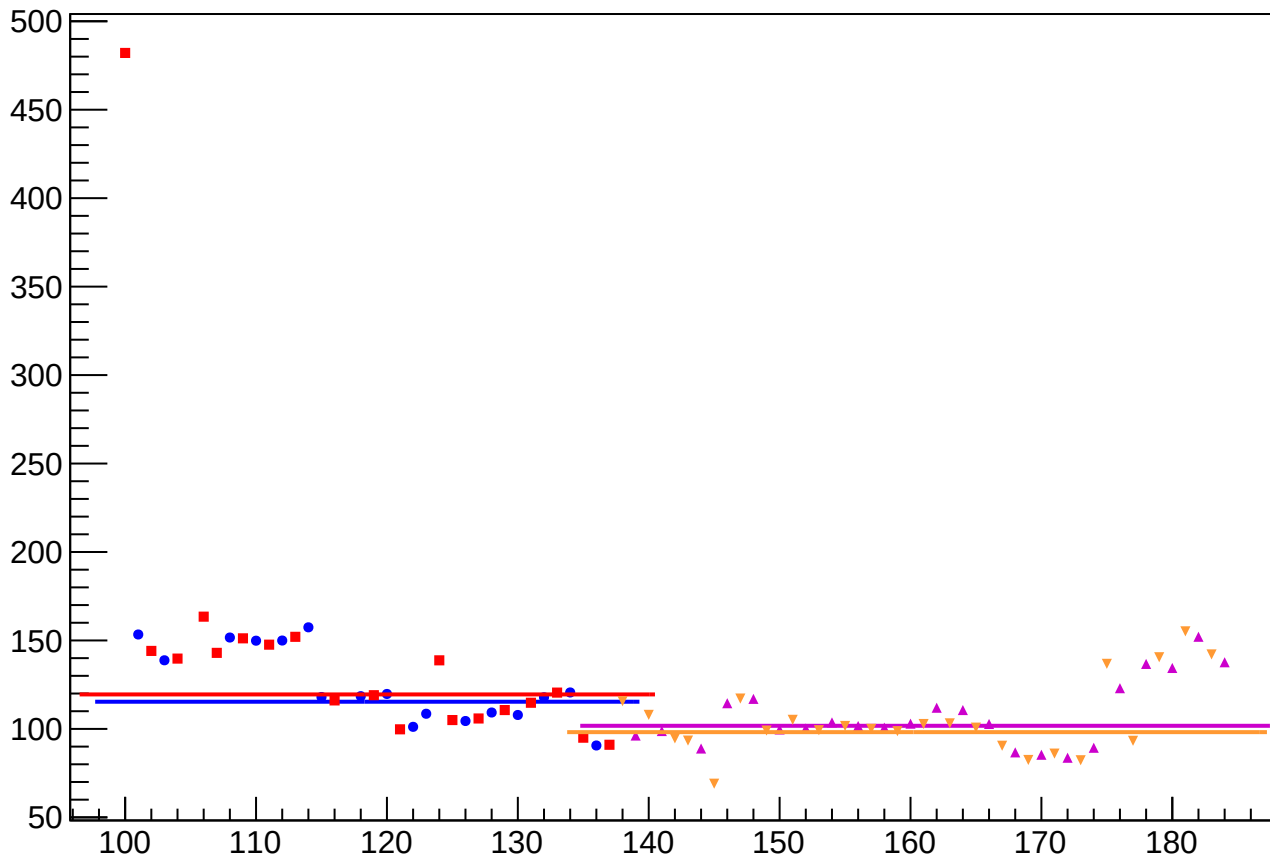
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 13.316 $\pm$ 21.662 χ^2 /NDF:42.1/39

Out: -19.013 $\pm$ 20.885 χ^2 /NDF:48.6/42

All: -3.439 $\pm$ 15.035 χ^2 /NDF: 91.9/82

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 98.172 $\pm$ 0.017 χ^2 /NDF:1142321.5/23

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 101.764 $\pm$ 0.017 χ^2 /NDF:764471.2/22

Left: 99.880 $\pm$ 0.012 χ^2 /NDF: 1929041.6/46

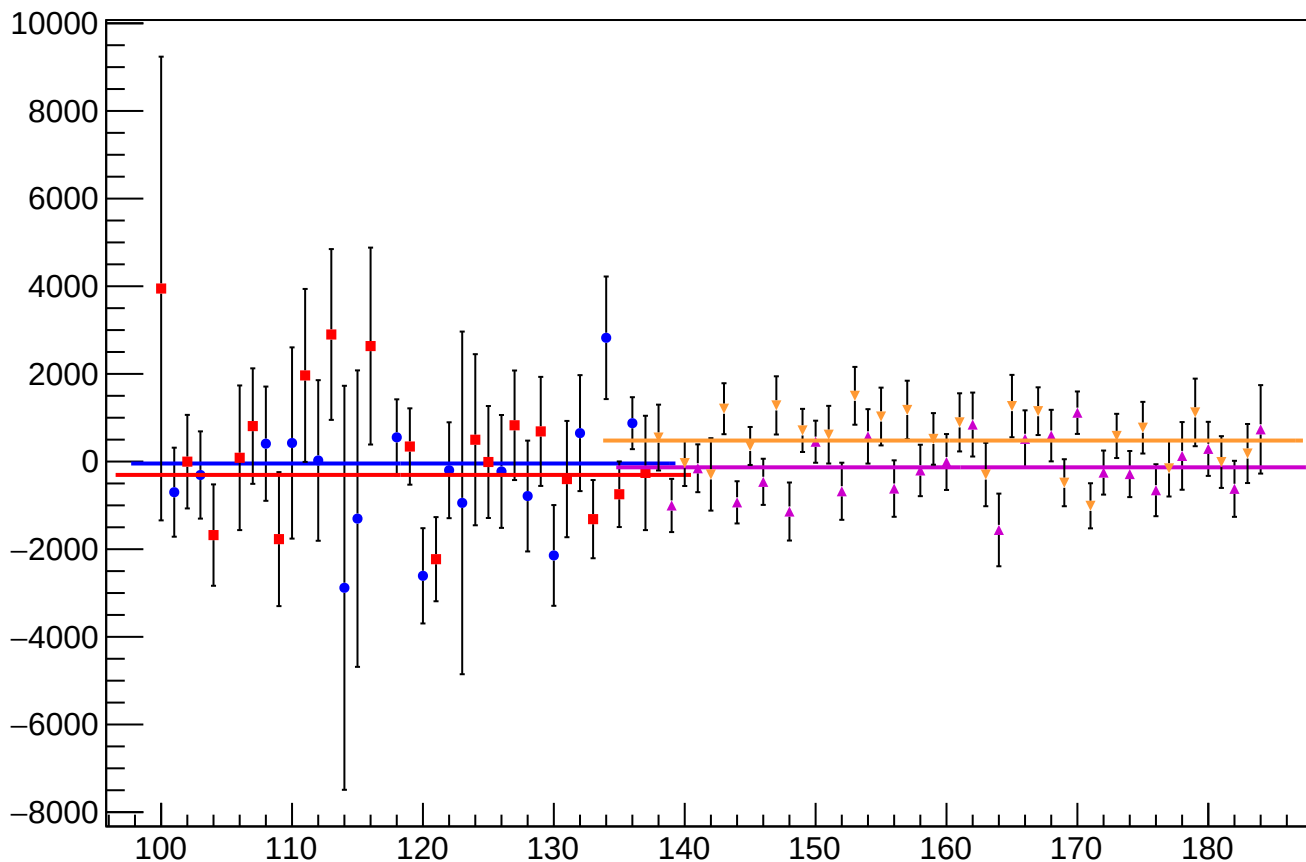
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 104.877 $\pm$ 0.015 χ^2 /NDF:1315000.8/39

Out: 102.626 $\pm$ 0.015 χ^2 /NDF:1964715.4/42

All: 103.710 $\pm$ 0.011 χ^2 /NDF: 3290909.5/82

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 479.345 ± 122.734 $\chi^2/\text{NDF}: 28.1/23$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -131.610 ± 124.664 $\chi^2/\text{NDF}: 28.4/22$

Left: 178.633 ± 87.461 $\chi^2/\text{NDF}: 68.6/46$

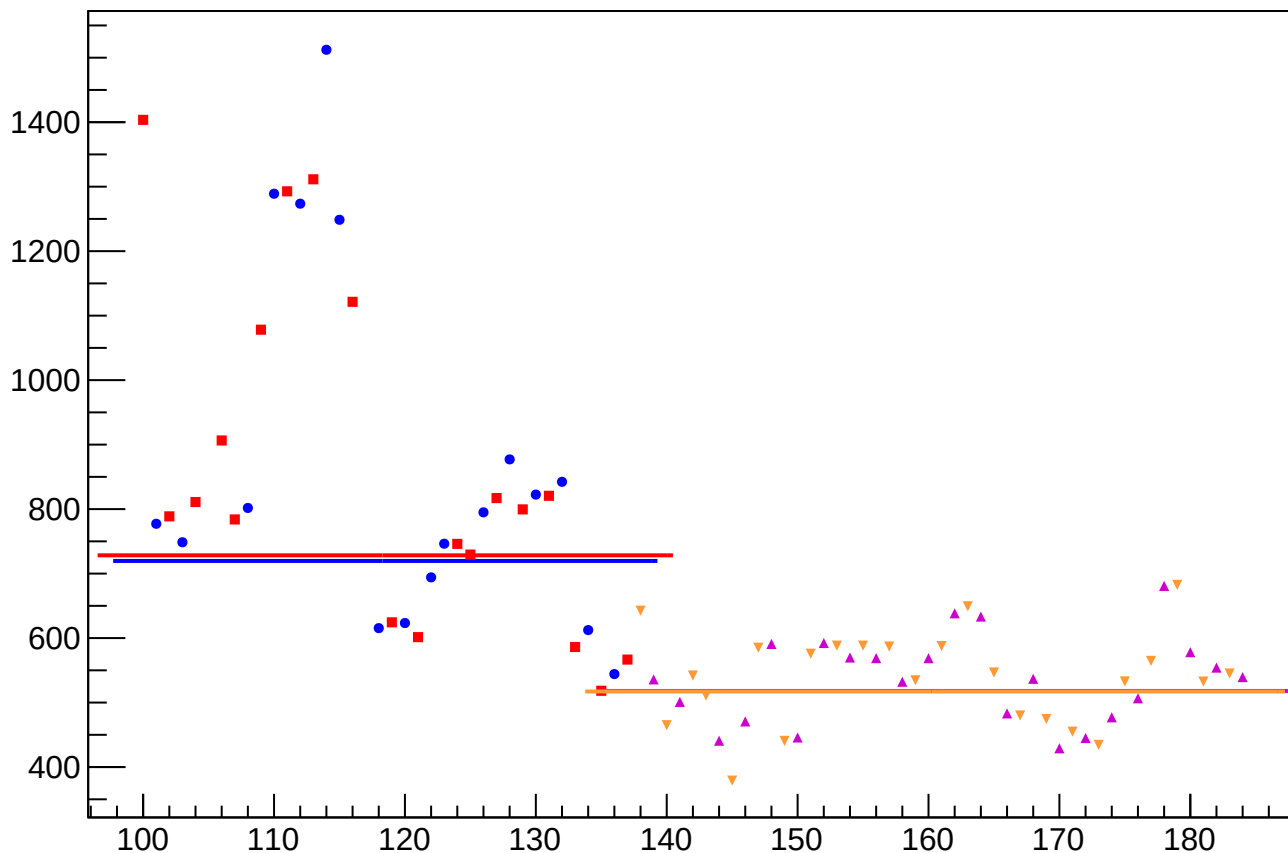
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -117.733 ± 114.298 $\chi^2/\text{NDF}: 46.3/39$

Out: 354.991 ± 112.583 $\chi^2/\text{NDF}: 52.0/42$

All: 122.202 ± 80.207 $\chi^2/\text{NDF}: 107.0/82$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 517.174 $\pm$ 0.087 χ^2 /NDF: 743378.7/23

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 518.007 $\pm$ 0.088 χ^2 /NDF: 545568.0/22

Left: 517.584 $\pm$ 0.062 χ^2 /NDF: 1288992.1/46

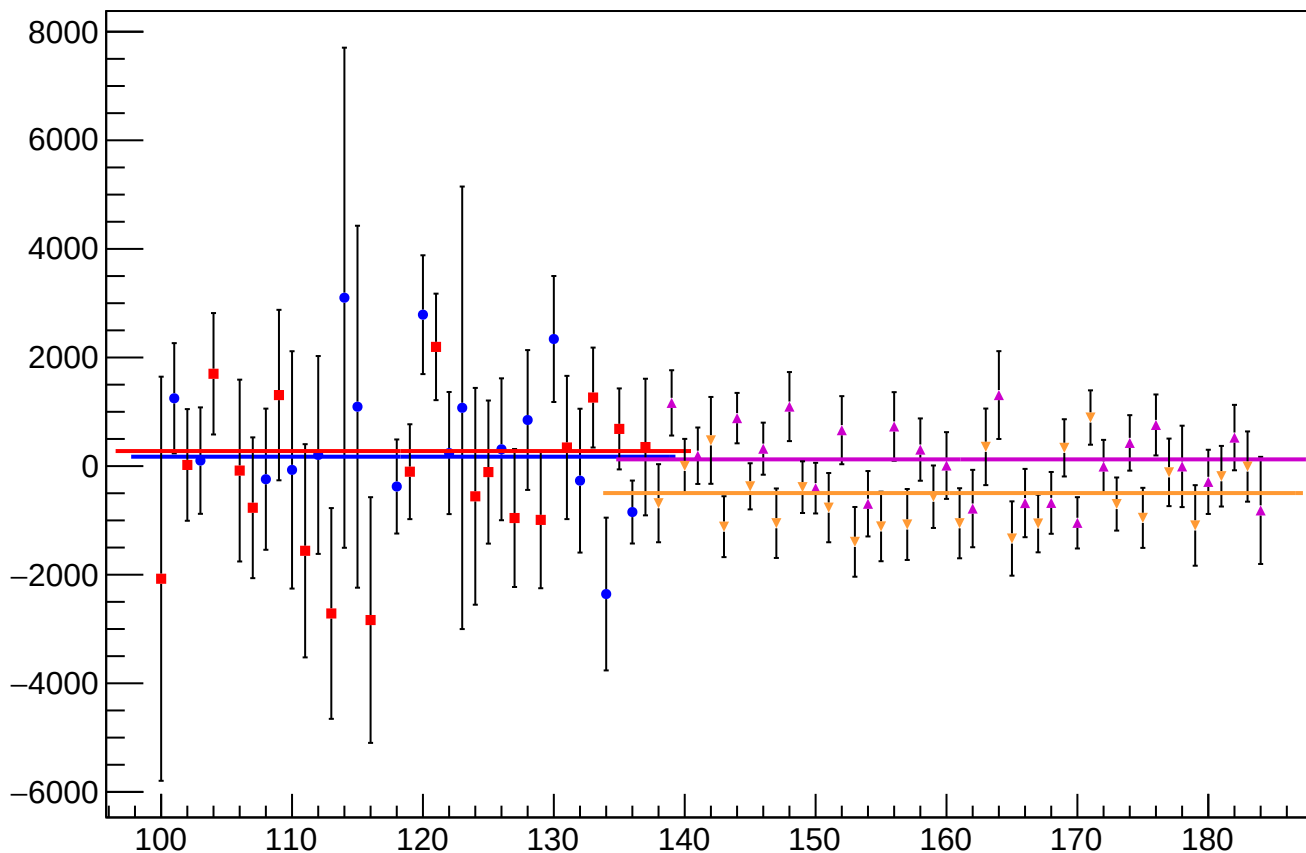
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 550.141 $\pm$ 0.081 χ^2 /NDF: 2126200.4/39

Out: 550.660 $\pm$ 0.080 χ^2 /NDF: 2595849.7/42

All: 550.405 $\pm$ 0.057 χ^2 /NDF: 4722071.1/82

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -496.565 $\pm$ 118.730 χ^2 /NDF: 26.3/23

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 124.022 $\pm$ 120.216 χ^2 /NDF: 30.2/22

Left: -190.131 $\pm$ 84.475 χ^2 /NDF: 70.0/46

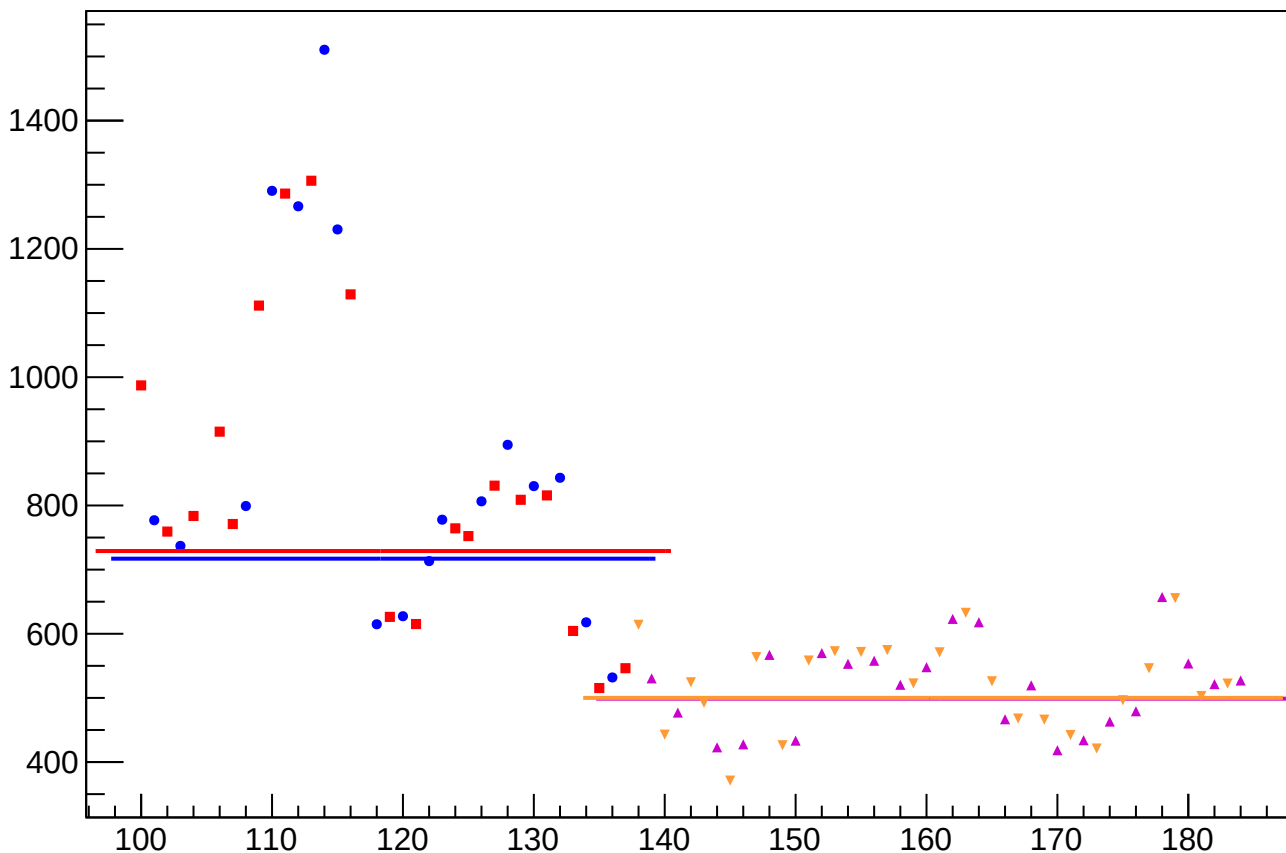
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 131.418 $\pm$ 110.804 χ^2 /NDF: 48.3/39

Out: -380.573 $\pm$ 109.469 χ^2 /NDF: 48.7/42

All: -127.682 $\pm$ 77.874 χ^2 /NDF: 107.8/82

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 500.067 $\pm$ 0.084 χ^2 /NDF: 721326.2/23

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 498.835 $\pm$ 0.085 χ^2 /NDF: 572334.3/22

Left: 499.458 $\pm$ 0.060 χ^2 /NDF: 1293766.8/46

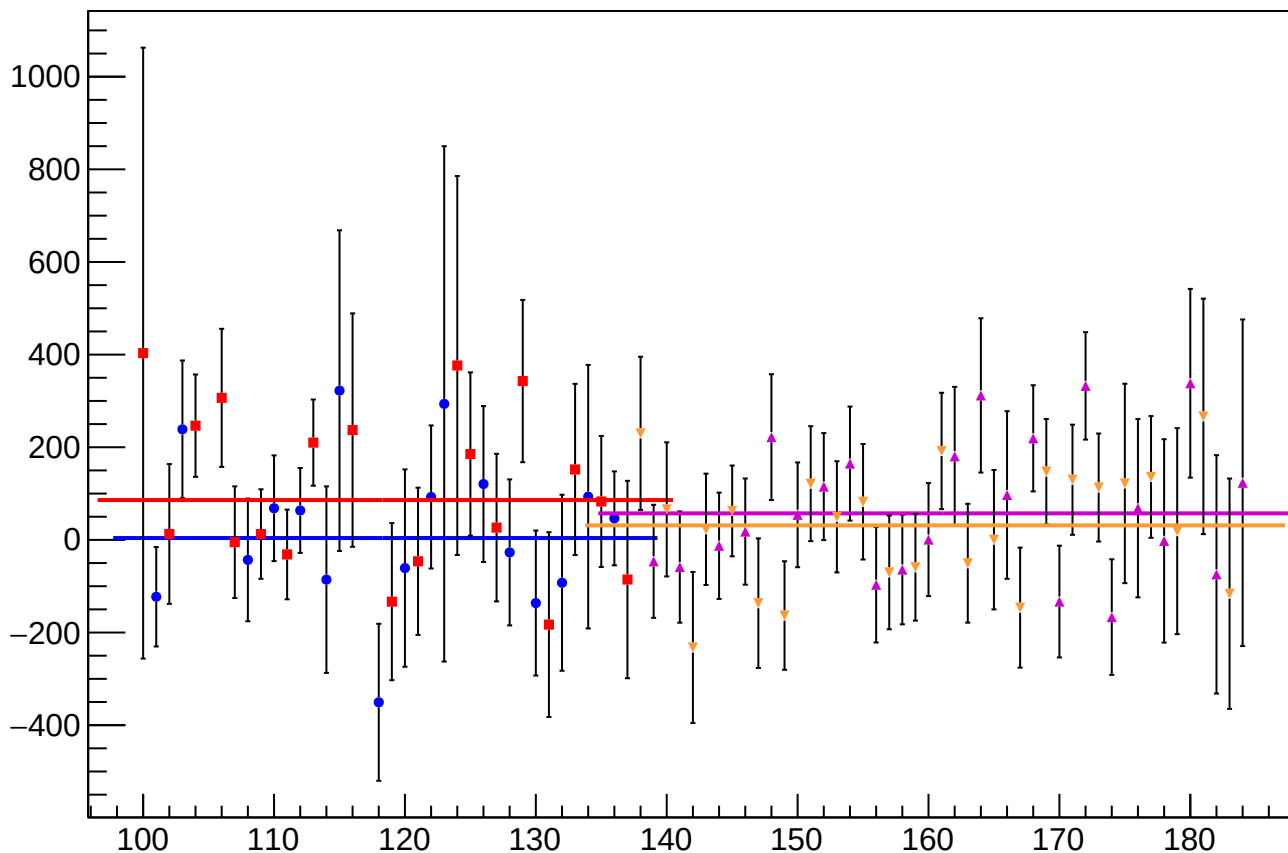
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 531.669 $\pm$ 0.078 χ^2 /NDF: 2346494.6/39

Out: 534.386 $\pm$ 0.077 χ^2 /NDF: 2726699.7/42

All: 533.044 $\pm$ 0.055 χ^2 /NDF: 5073802.6/82

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 31.384 ± 27.309 $\chi^2/\text{NDF}: 18.7/23$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 57.275 ± 28.232 $\chi^2/\text{NDF}: 26.1/22$

Left: 43.899 ± 19.629 $\chi^2/\text{NDF}: 45.2/46$

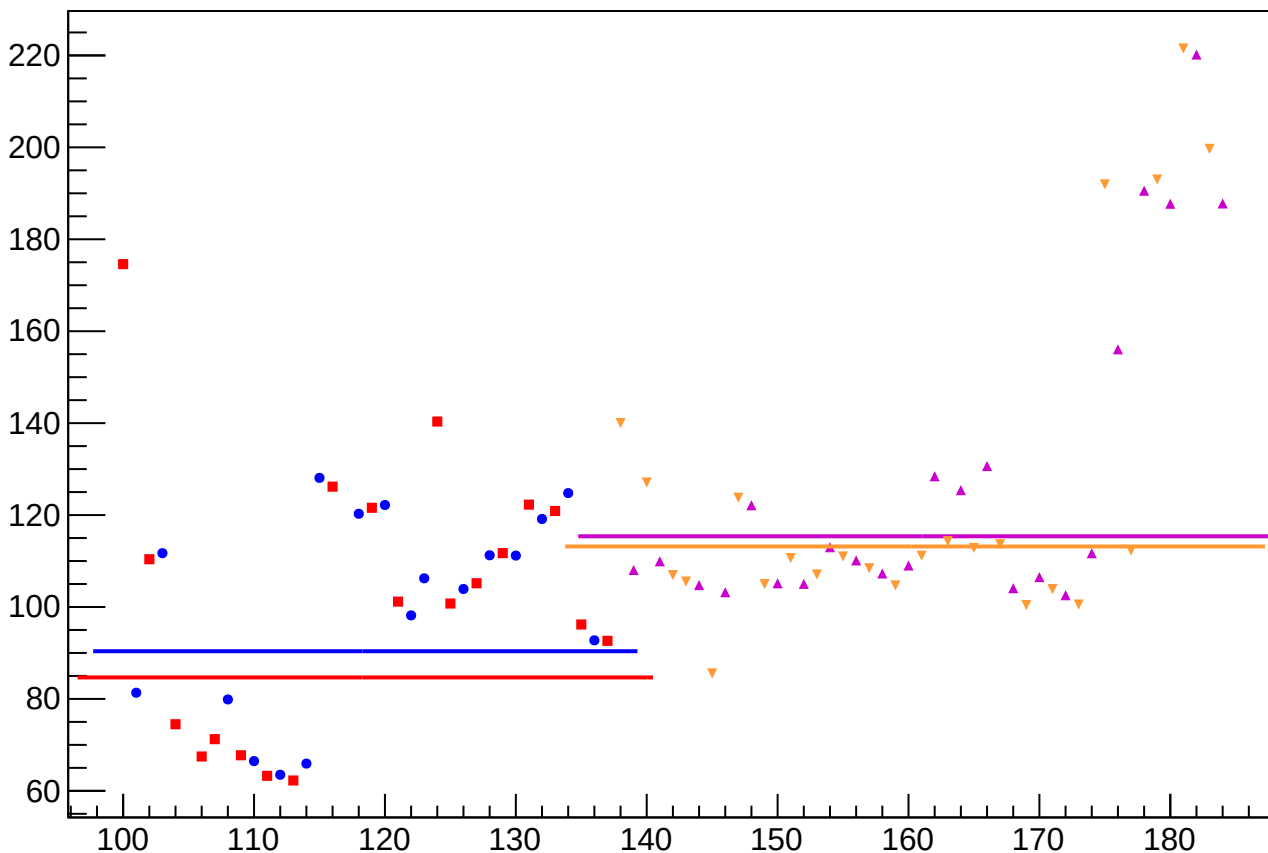
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 36.957 ± 22.204 $\chi^2/\text{NDF}: 40.2/39$

Out: 53.298 ± 21.134 $\chi^2/\text{NDF}: 37.9/42$

All: 45.531 ± 15.308 $\chi^2/\text{NDF}: 78.3/82$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 ± 0.025 χ^2/NDF : 654139.7/16

Left Out: 113.165 ± 0.019 χ^2/NDF : 1475281.0/23

Right Out: 84.673 ± 0.024 χ^2/NDF : 908123.4/18

Left In: 115.386 ± 0.020 χ^2/NDF : 1192884.8/22

Left: 114.238 ± 0.014 χ^2/NDF : 2674557.5/46

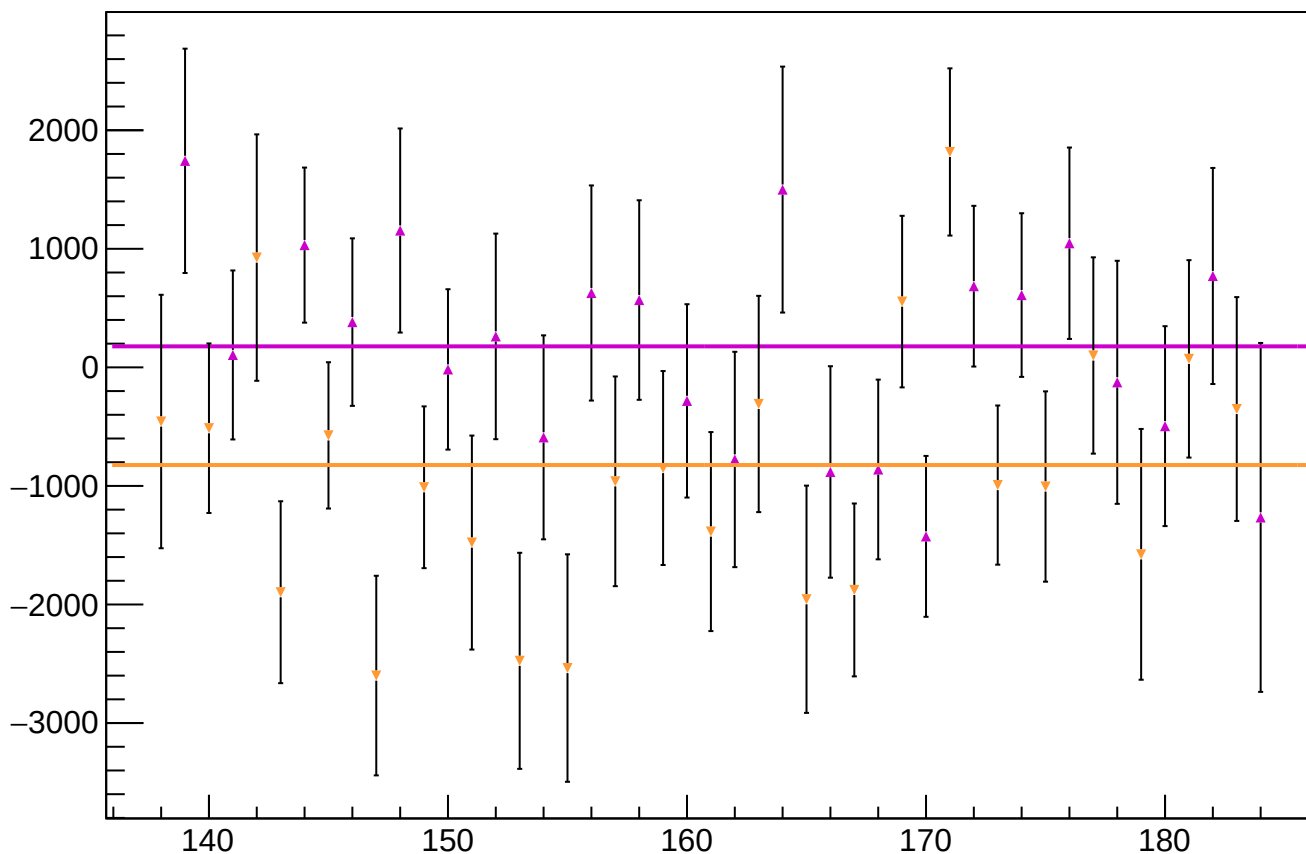
Right: 87.312 ± 0.017 χ^2/NDF : 1589292.9/35

In: 105.845 ± 0.016 χ^2/NDF : 2445762.2/39

Out: 101.737 ± 0.015 χ^2/NDF : 3256636.2/42

All: 103.690 ± 0.011 χ^2/NDF : 5738316.8/82

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -823.796+/-166.352 χ^2/NDF :42.0/23

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

Left In: 177.186+/-169.212 χ^2/NDF :23.3/22

Left: -331.836+/-118.627 χ^2/NDF : 83.1/46

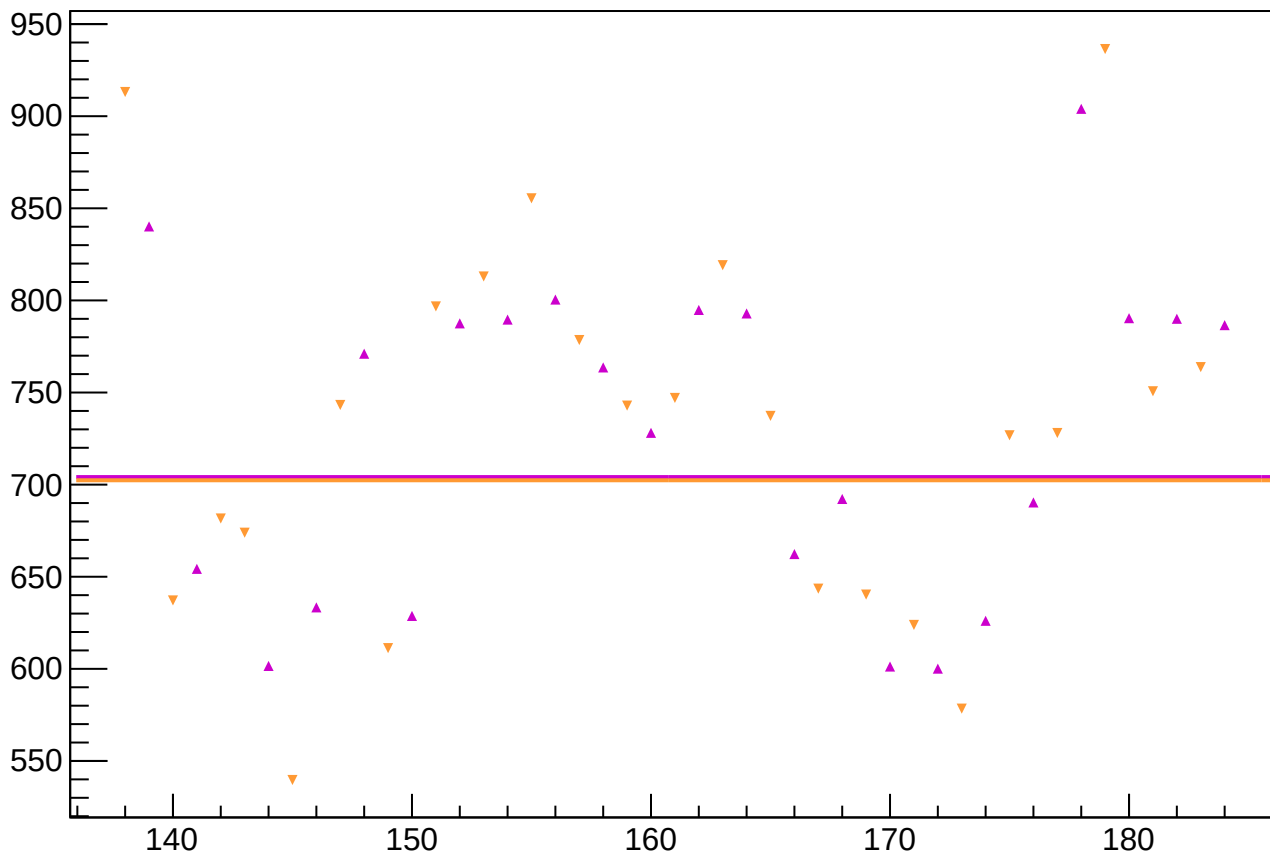
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 177.186+/-169.212 χ^2/NDF :23.3/22

Out: -823.796+/-166.352 χ^2/NDF :42.0/23

All: -331.836+/-118.627 χ^2/NDF : 83.1/46

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 702.369+/-0.118 χ^2/NDF : 678199.7/23

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

Left In: 704.101+/-0.120 χ^2/NDF : 509623.5/22

Left: 703.220+/-0.084 χ^2/NDF : 1187929.7/46

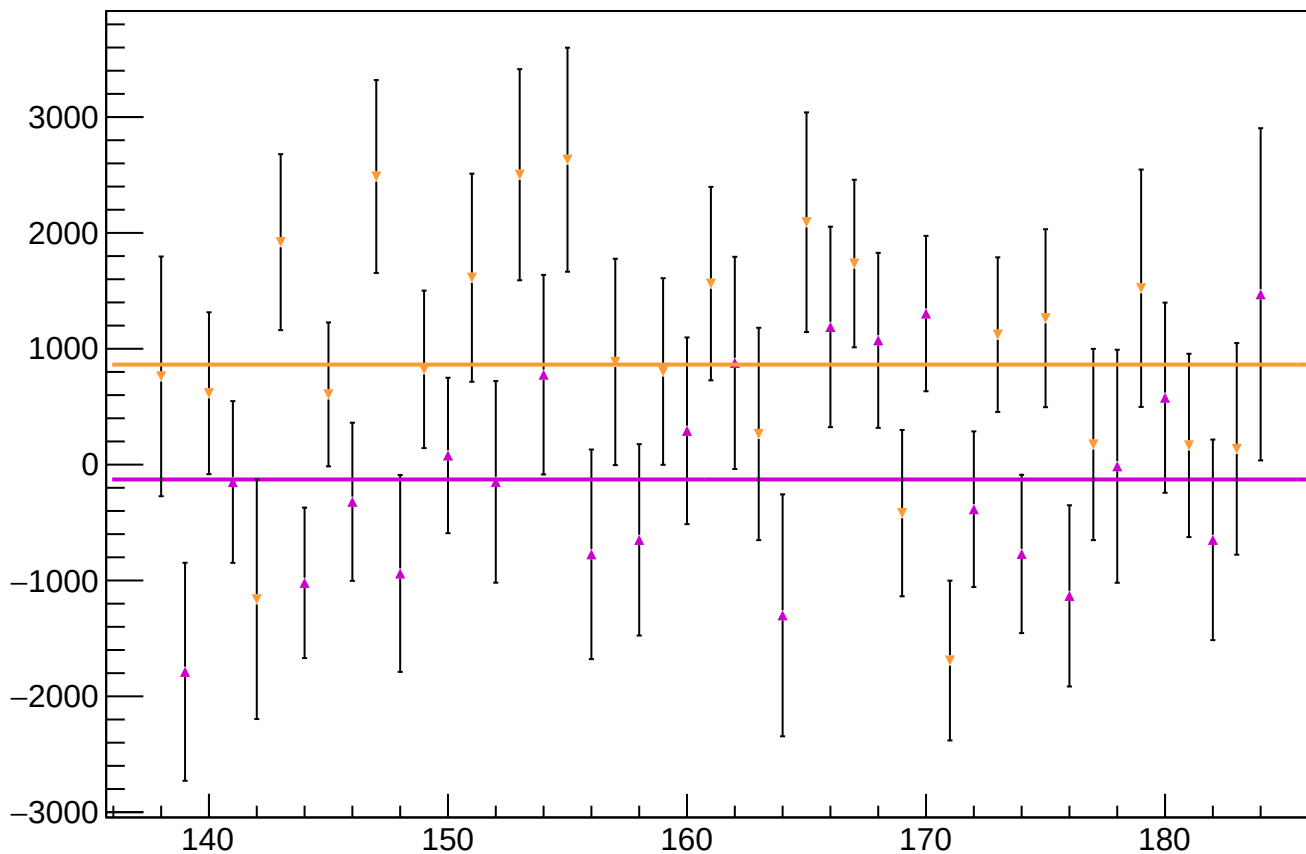
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.101+/-0.120 χ^2/NDF : 509623.5/22

Out: 702.369+/-0.118 χ^2/NDF : 678199.7/23

All: 703.220+/-0.084 χ^2/NDF : 1187929.7/46

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 863.623+/-164.357 χ^2/NDF :41.3/23

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

Left In: -128.120+/-166.866 χ^2/NDF :25.3/22

Left: 375.264+/-117.095 χ^2/NDF : 84.5/46

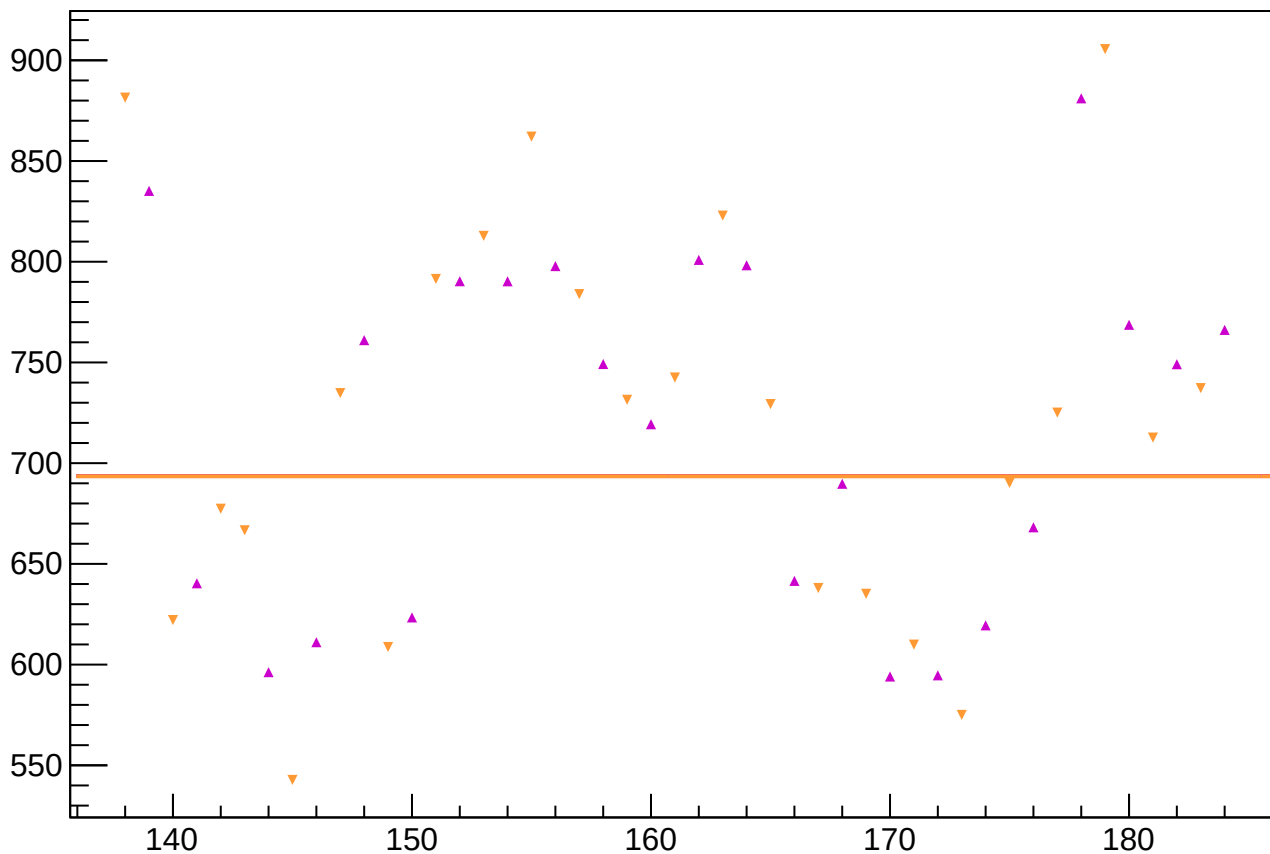
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -128.120+/-166.866 χ^2/NDF :25.3/22

Out: 863.623+/-164.357 χ^2/NDF :41.3/23

All: 375.264+/-117.095 χ^2/NDF : 84.5/46

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 693.503+/-0.116 χ^2/NDF : 649104.2/23

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

Left In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

Left: 693.559+/-0.083 χ^2/NDF : 1169797.3/46

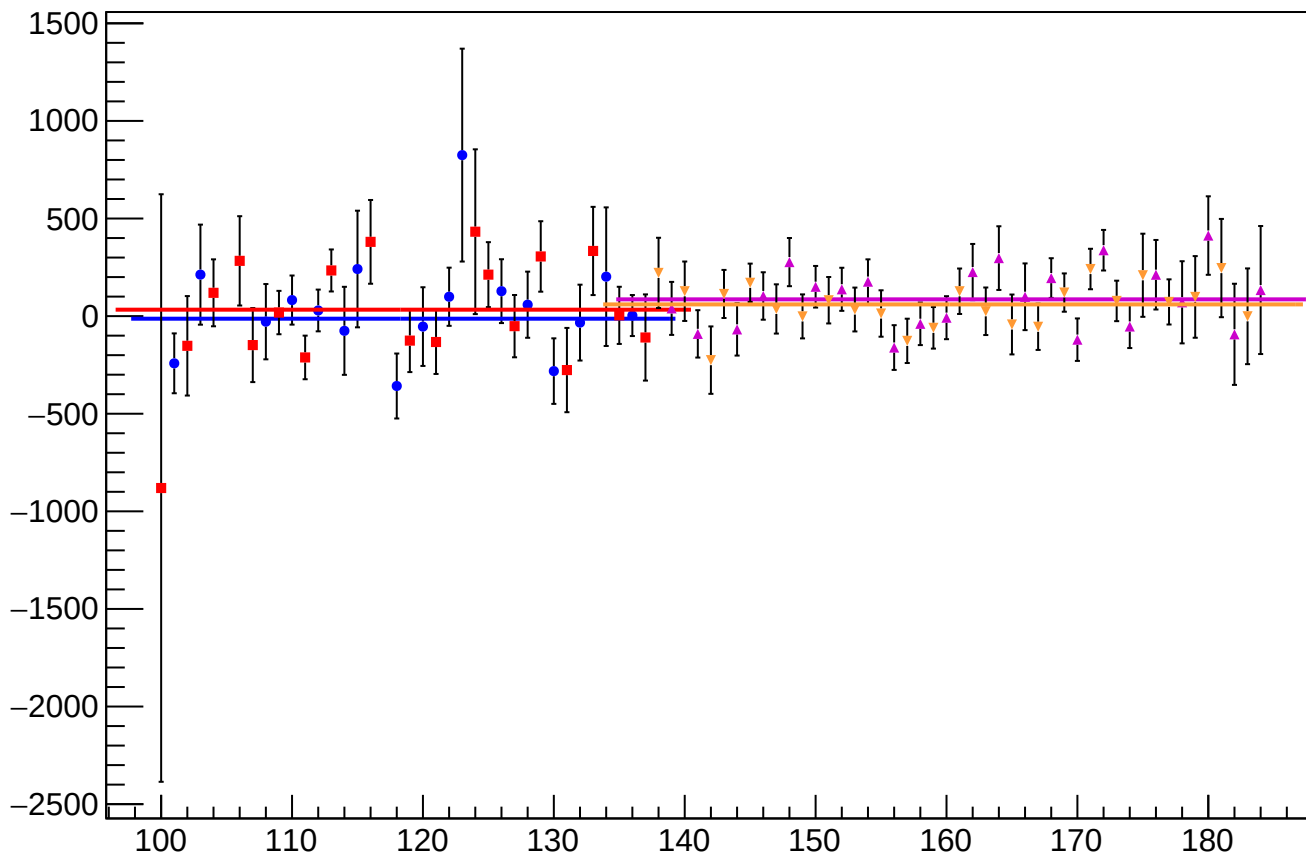
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

Out: 693.503+/-0.116 χ^2/NDF : 649104.2/23

All: 693.559+/-0.083 χ^2/NDF : 1169797.3/46

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 $\pm$ 40.554 χ^2 /NDF: 15.7/16

Left Out: 60.055 $\pm$ 25.802 χ^2 /NDF:16.2/23

Right Out: 33.027 $\pm$ 38.878 χ^2 /NDF: 25.1/18

Left In: 85.948 $\pm$ 26.925 χ^2 /NDF:32.4/22

Left: 72.450 $\pm$ 18.629 χ^2 /NDF: 49.0/46

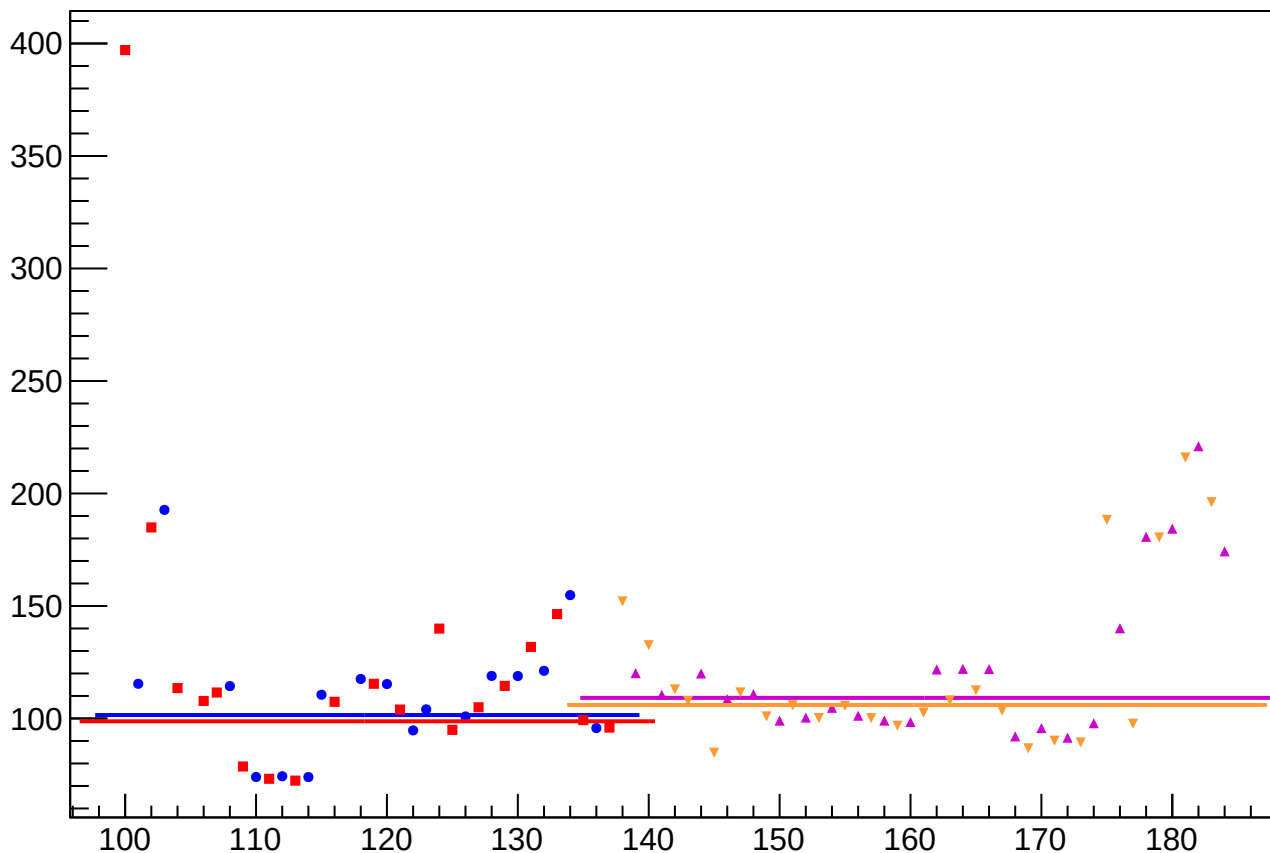
Right: 10.881 $\pm$ 28.065 χ^2 /NDF: 41.4/35

In: 55.610 $\pm$ 22.431 χ^2 /NDF:52.2/39

Out: 51.790 $\pm$ 21.498 χ^2 /NDF:41.6/42

All: 53.619 $\pm$ 15.521 χ^2 /NDF: 93.8/82

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 105.996 $\pm$ 0.018 χ^2 /NDF: 1719045.8/23

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 109.150 $\pm$ 0.019 χ^2 /NDF: 1334655.1/22

Left: 107.506 $\pm$ 0.013 χ^2 /NDF: 3068004.6/46

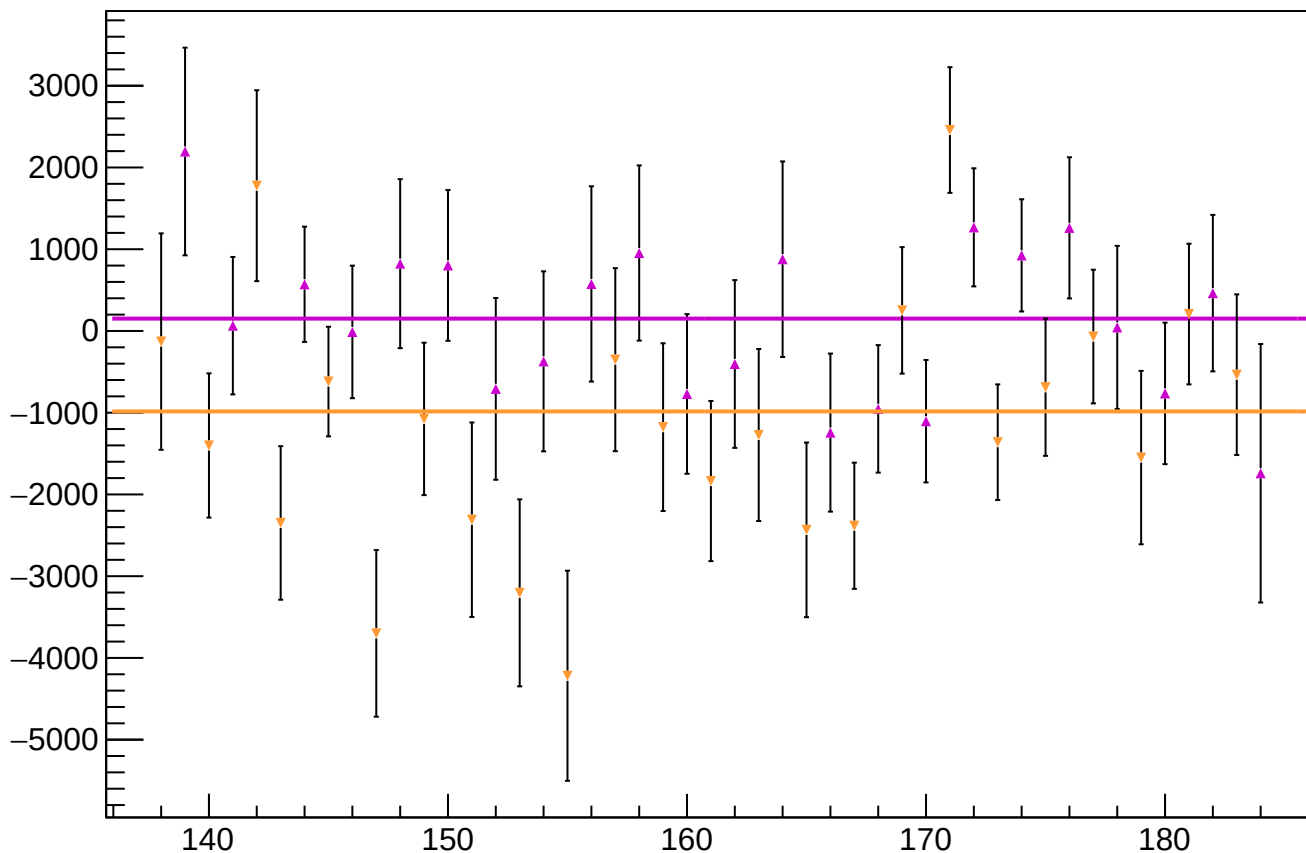
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 106.815 $\pm$ 0.016 χ^2 /NDF: 2065515.6/39

Out: 103.776 $\pm$ 0.015 χ^2 /NDF: 2593098.1/42

All: 105.231 $\pm$ 0.011 χ^2 /NDF: 4677750.3/82

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -984.461+/-189.203 χ^2/NDF :60.1/23

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

Left In: 151.179+/-191.433 χ^2/NDF :21.9/22

Left: -423.295+/-134.568 χ^2/NDF : 99.7/46

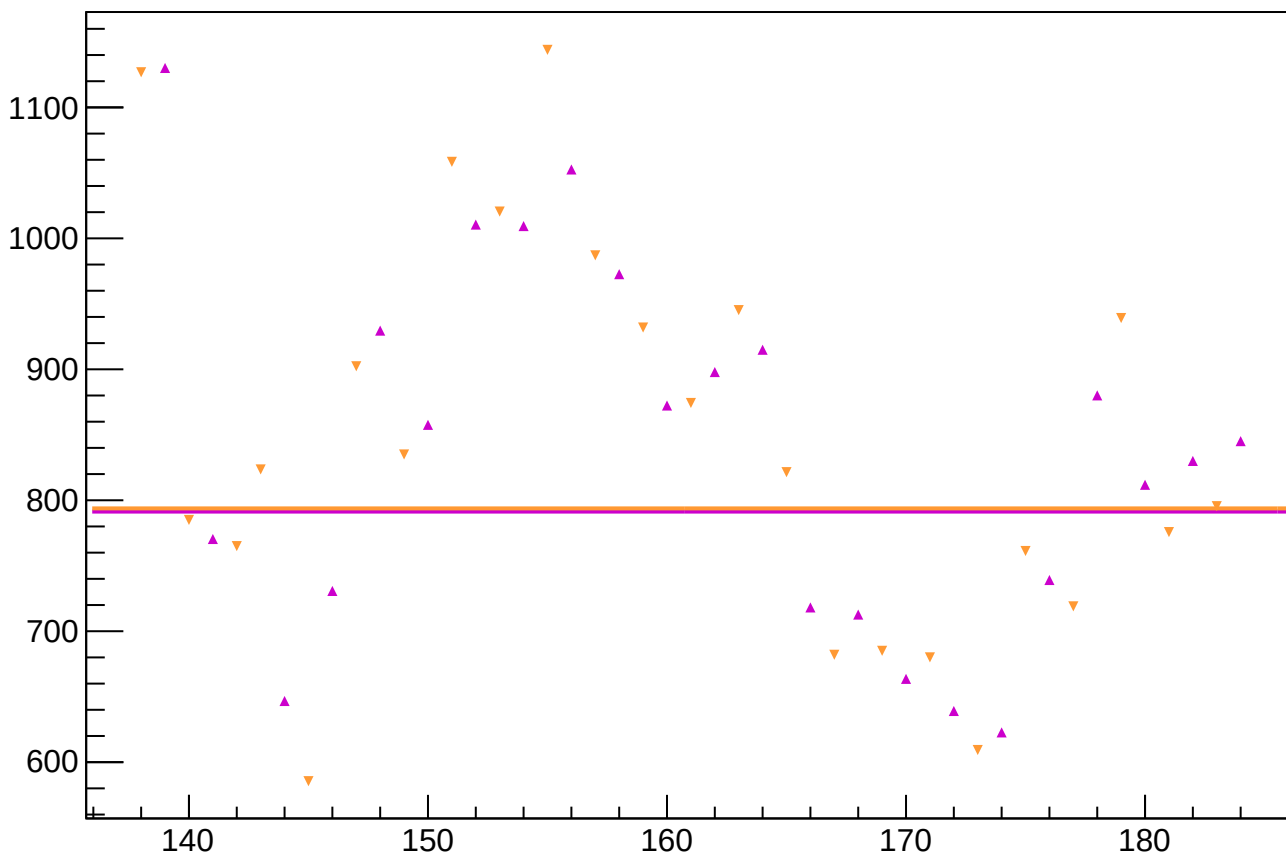
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 151.179+/-191.433 χ^2/NDF :21.9/22

Out: -984.461+/-189.203 χ^2/NDF :60.1/23

All: -423.295+/-134.568 χ^2/NDF : 99.7/46

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 793.795+/-0.134 χ^2/NDF :1147145.5/23

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

Left In: 791.361+/-0.135 χ^2/NDF :980025.1/22

Left: 792.592+/-0.095 χ^2/NDF : 2127334.1/46

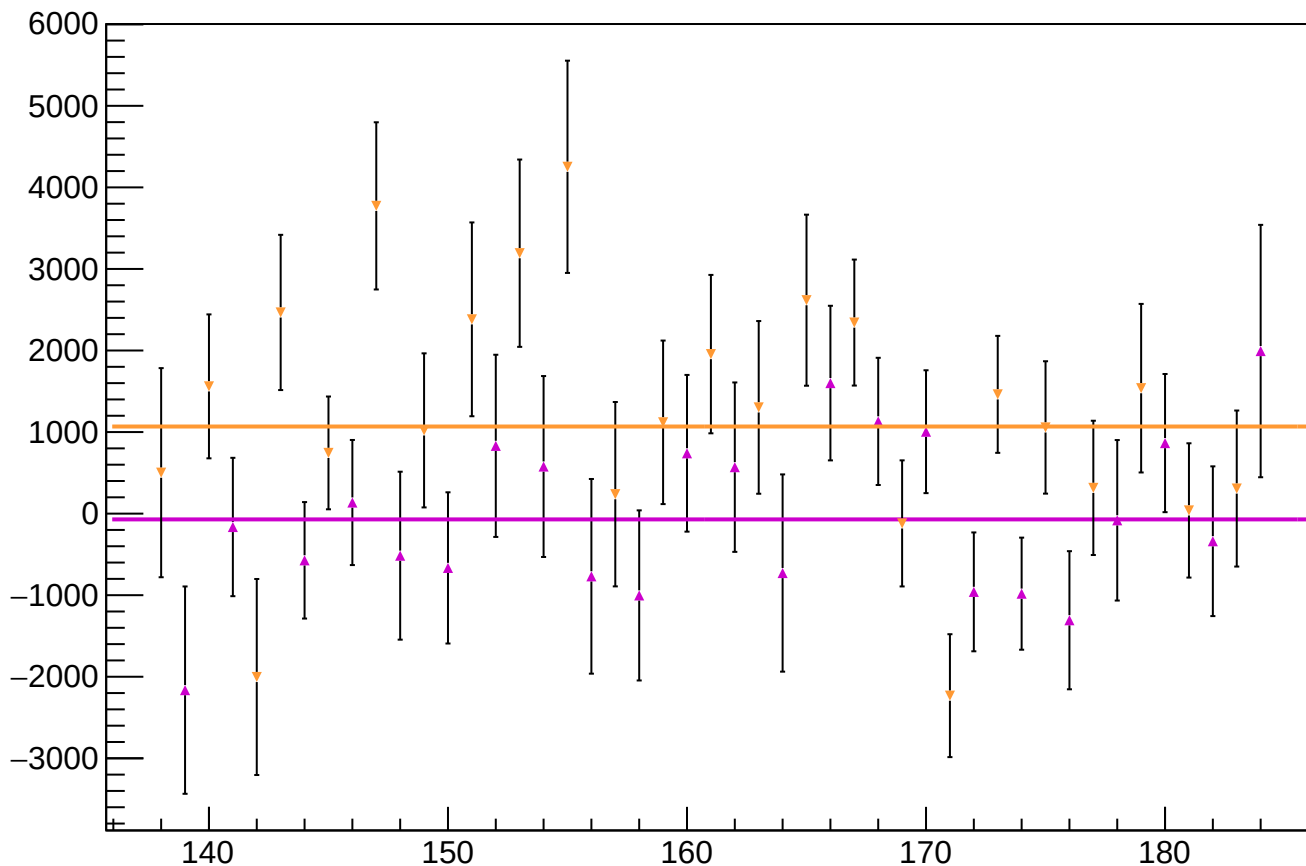
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 791.361+/-0.135 χ^2/NDF :980025.1/22

Out: 793.795+/-0.134 χ^2/NDF :1147145.5/23

All: 792.592+/-0.095 χ^2/NDF : 2127334.1/46

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1068.014+/-188.628 χ^2/NDF :58.4/23

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

Left In: -70.852+/-190.155 χ^2/NDF :23.4/22

Left: 503.174+/-133.917 χ^2/NDF : 99.9/46

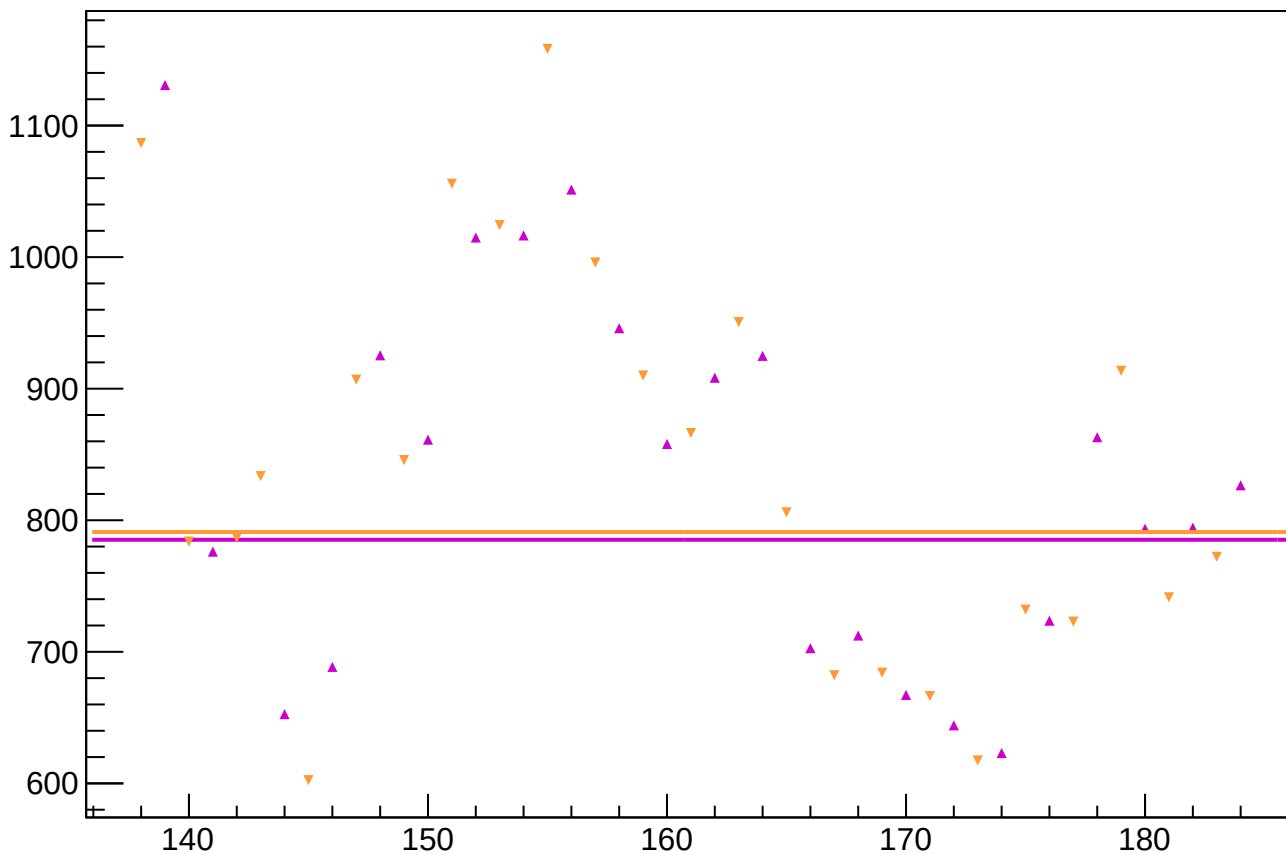
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -70.852+/-190.155 χ^2/NDF :23.4/22

Out: 1068.014+/-188.628 χ^2/NDF :58.4/23

All: 503.174+/-133.917 χ^2/NDF : 99.9/46

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 791.041+/-0.133 χ^2/NDF :1094819.0/23

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

Left In: 785.179+/-0.134 χ^2/NDF :976942.0/22

Left: 788.133+/-0.095 χ^2/NDF : 2072719.0/46

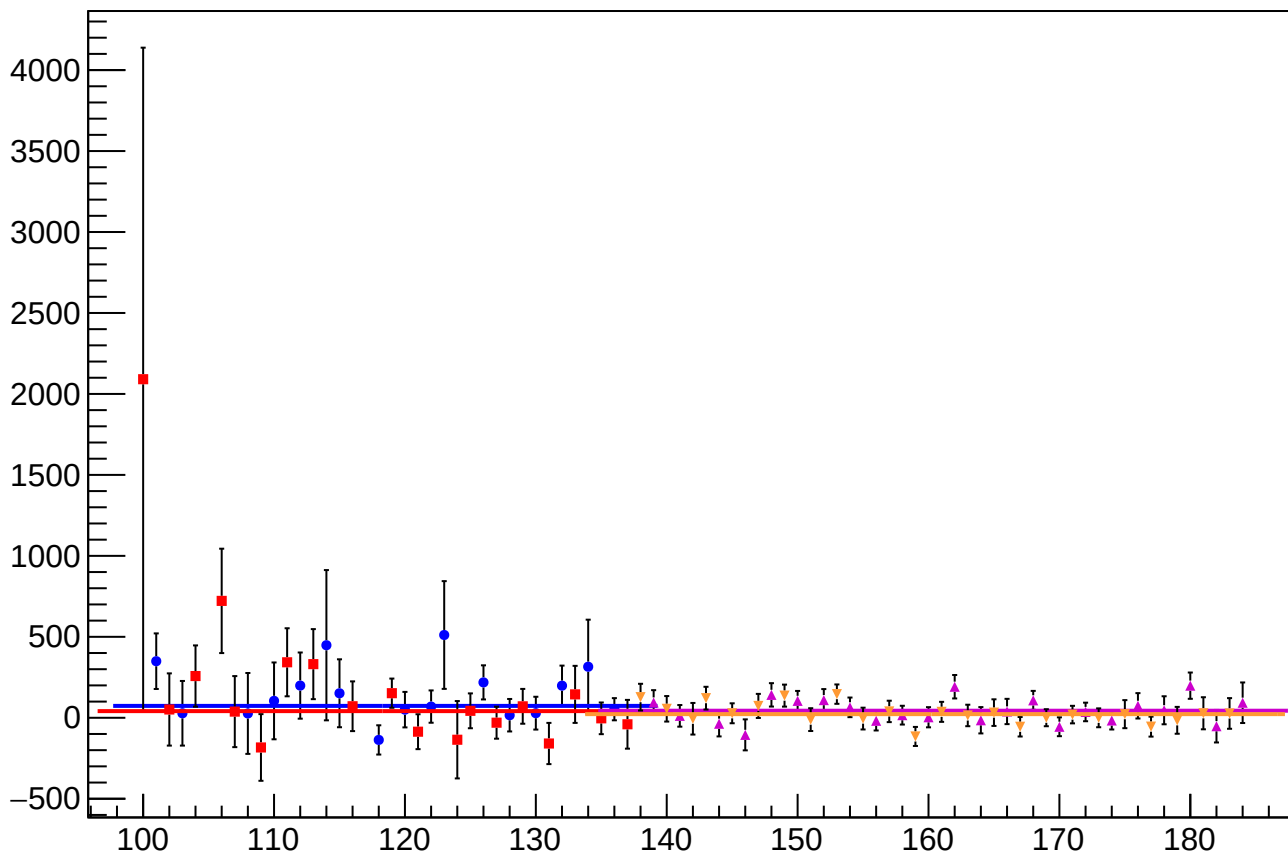
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 785.179+/-0.134 χ^2/NDF :976942.0/22

Out: 791.041+/-0.133 χ^2/NDF :1094819.0/23

All: 788.133+/-0.095 χ^2/NDF : 2072719.0/46

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 22.519 $\pm$ 13.915 χ^2 /NDF:21.2/23

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 43.624 $\pm$ 14.461 χ^2 /NDF:24.6/22

Left: 32.666 $\pm$ 10.027 χ^2 /NDF: 47.0/46

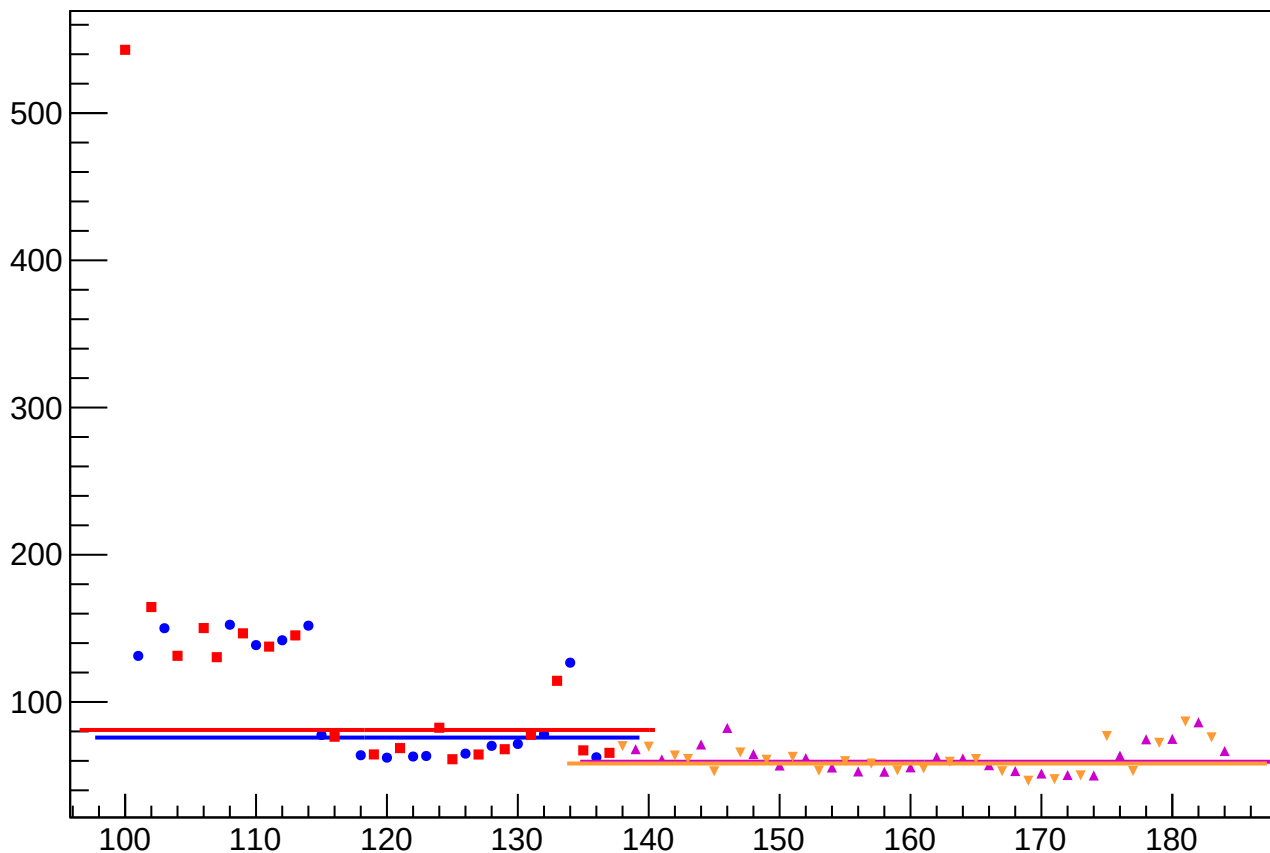
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 48.937 $\pm$ 13.110 χ^2 /NDF:40.6/39

Out: 25.365 $\pm$ 12.807 χ^2 /NDF:40.7/42

All: 36.875 $\pm$ 9.161 χ^2 /NDF: 83.0/82

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 58.206 $\pm$ 0.010 χ^2 /NDF: 806257.7/23

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 59.407 $\pm$ 0.010 χ^2 /NDF: 734143.0/22

Left: 58.783 $\pm$ 0.007 χ^2 /NDF: 1547555.4/46

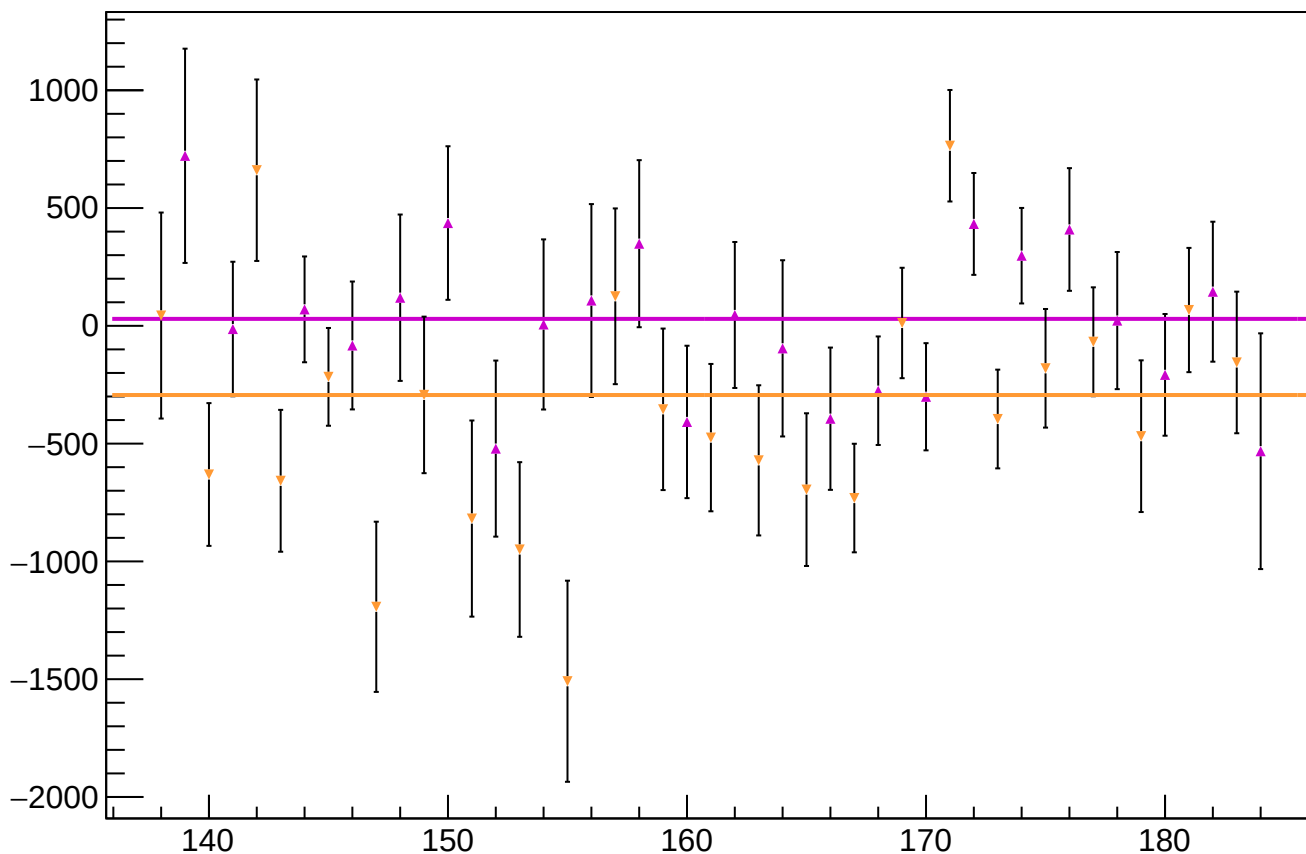
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 62.331 $\pm$ 0.009 χ^2 /NDF: 2543079.6/39

Out: 61.694 $\pm$ 0.009 χ^2 /NDF: 3255168.5/42

All: 62.005 $\pm$ 0.006 χ^2 /NDF: 5800663.6/82

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -293.720+/-59.246 χ^2/NDF :61.6/23

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

Left In: 29.526+/-60.246 χ^2/NDF :24.6/22

Left: -134.802+/-42.242 χ^2/NDF : 100.8/46

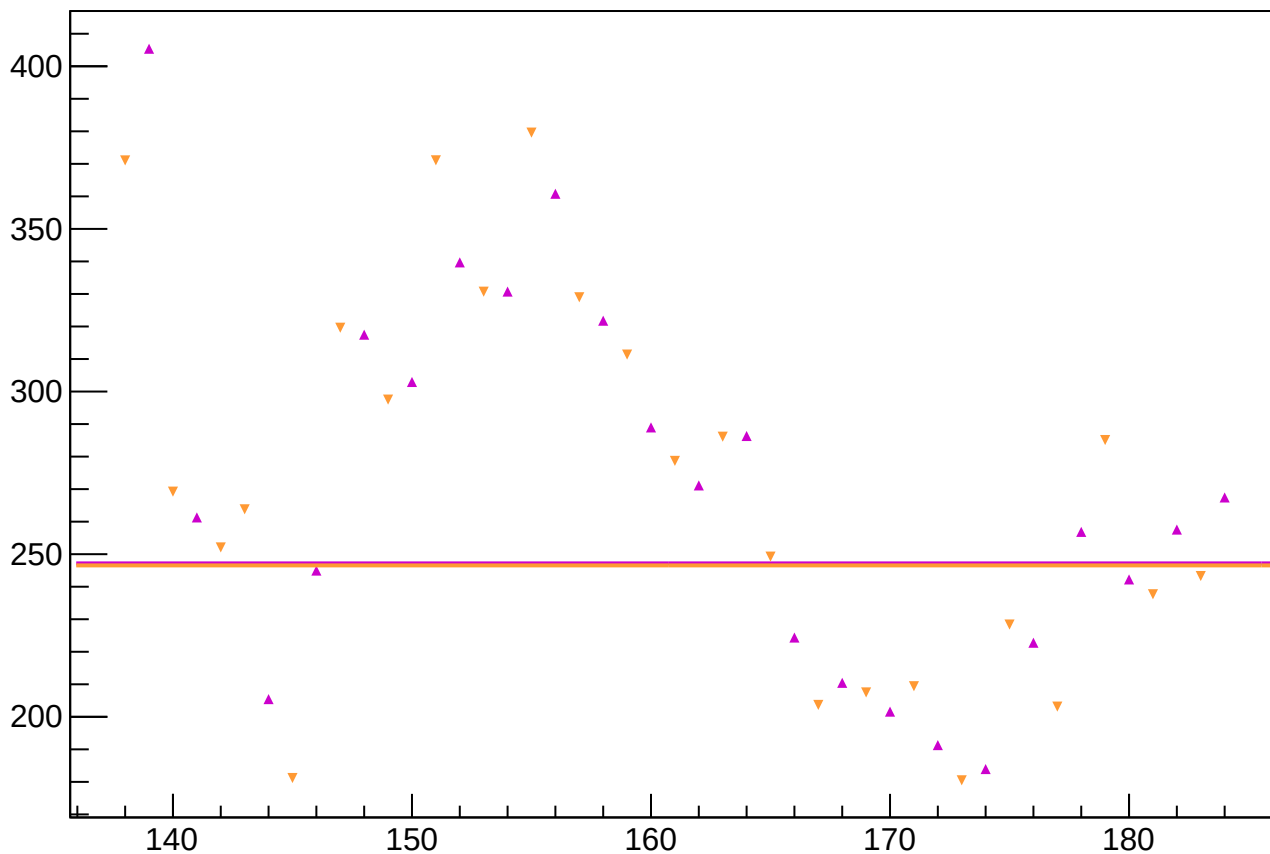
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.526+/-60.246 χ^2/NDF :24.6/22

Out: -293.720+/-59.246 χ^2/NDF :61.6/23

All: -134.802+/-42.242 χ^2/NDF : 100.8/46

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 246.553+/-0.042 χ^2/NDF :1690159.4/23

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

Left In: 247.165+/-0.043 χ^2/NDF :1490480.7/22

Left: 246.854+/-0.030 χ^2/NDF : 3180744.9/46

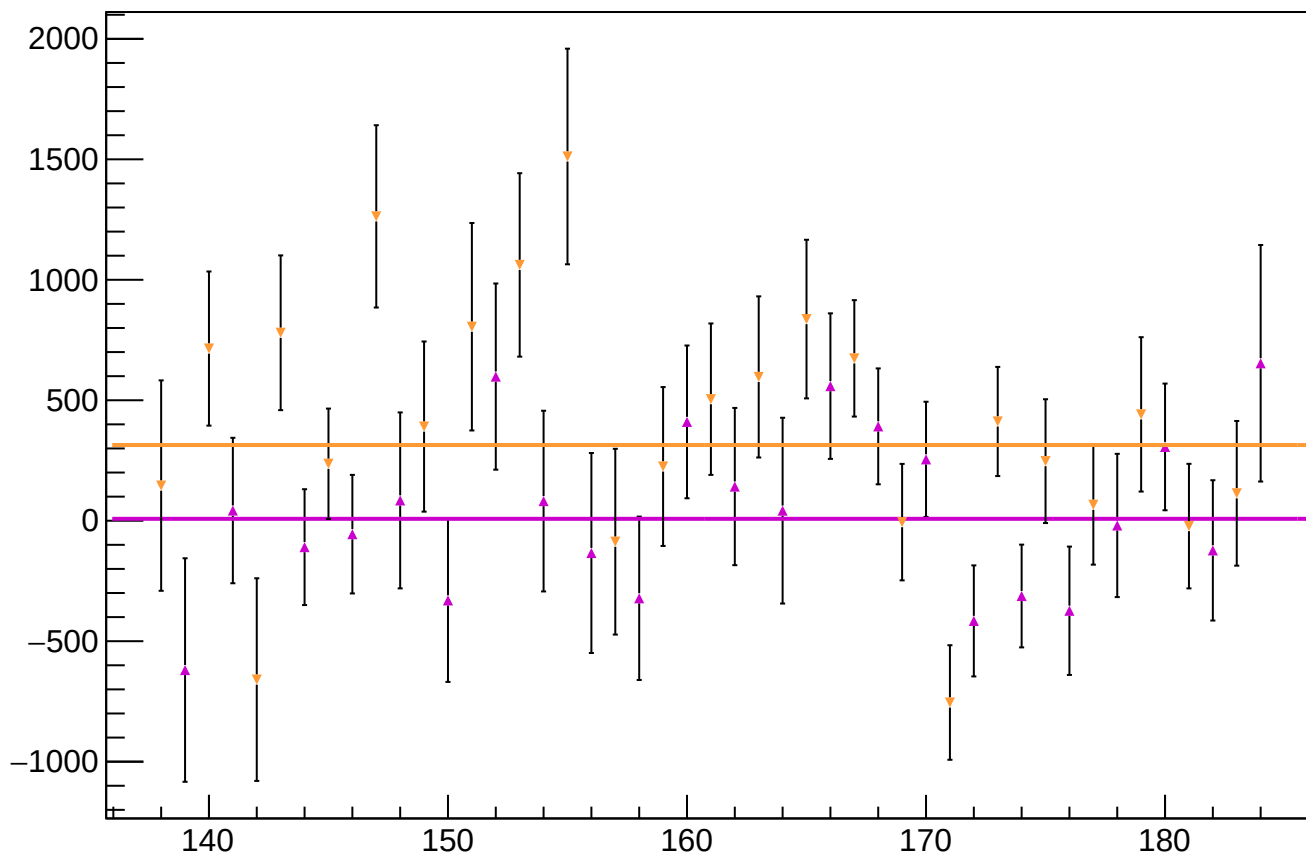
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.165+/-0.043 χ^2/NDF :1490480.7/22

Out: 246.553+/-0.042 χ^2/NDF :1690159.4/23

All: 246.854+/-0.030 χ^2/NDF : 3180744.9/46

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 314.159+/-61.487 χ^2/NDF :60.4/23

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

Left In: 7.915+/-61.726 χ^2/NDF :26.3/22

Left: 161.629+/-43.562 χ^2/NDF : 99.1/46

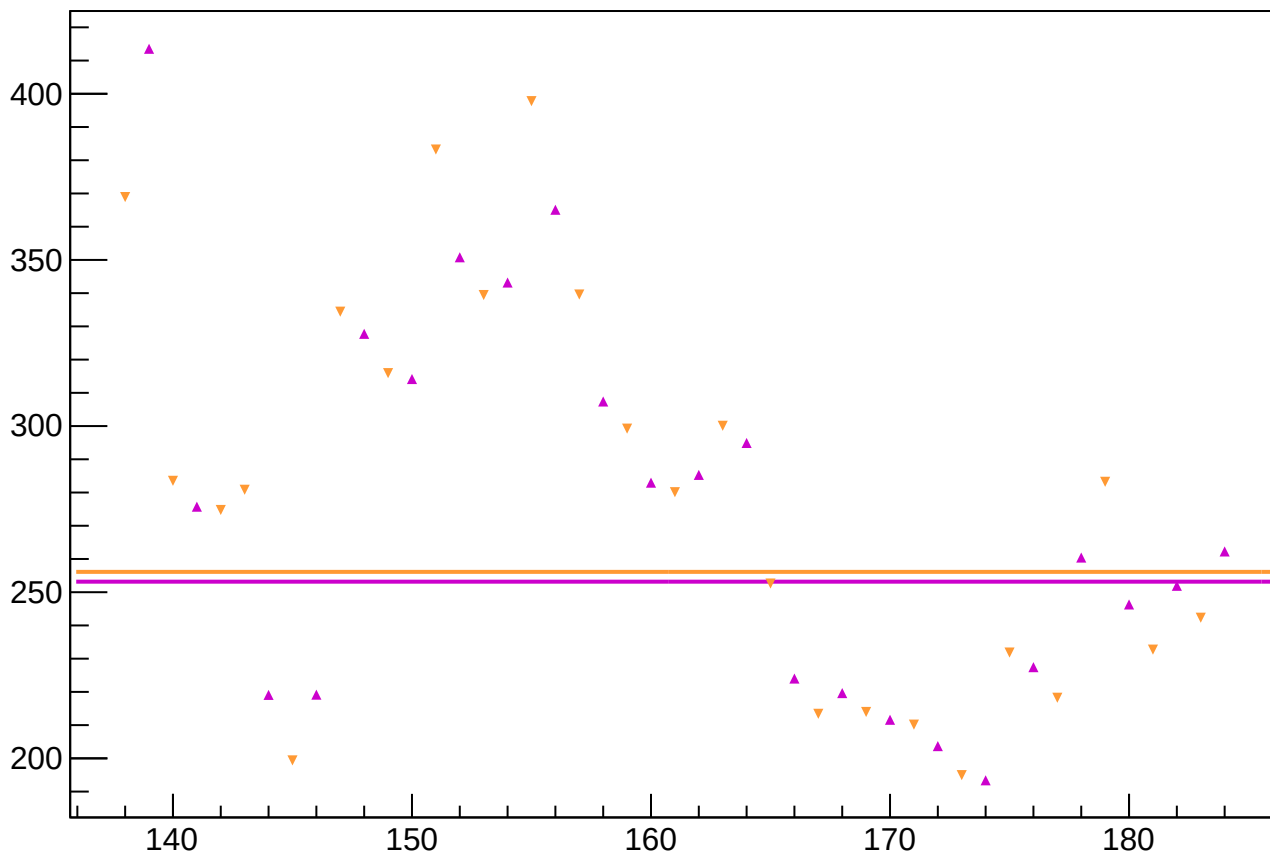
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.915+/-61.726 χ^2/NDF :26.3/22

Out: 314.159+/-61.487 χ^2/NDF :60.4/23

All: 161.629+/-43.562 χ^2/NDF : 99.1/46

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 256.122+/-0.043 χ^2/NDF :1517770.2/23

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

Left In: 253.170+/-0.044 χ^2/NDF :1366527.6/22

Left: 254.652+/-0.031 χ^2/NDF : 2886594.1/46

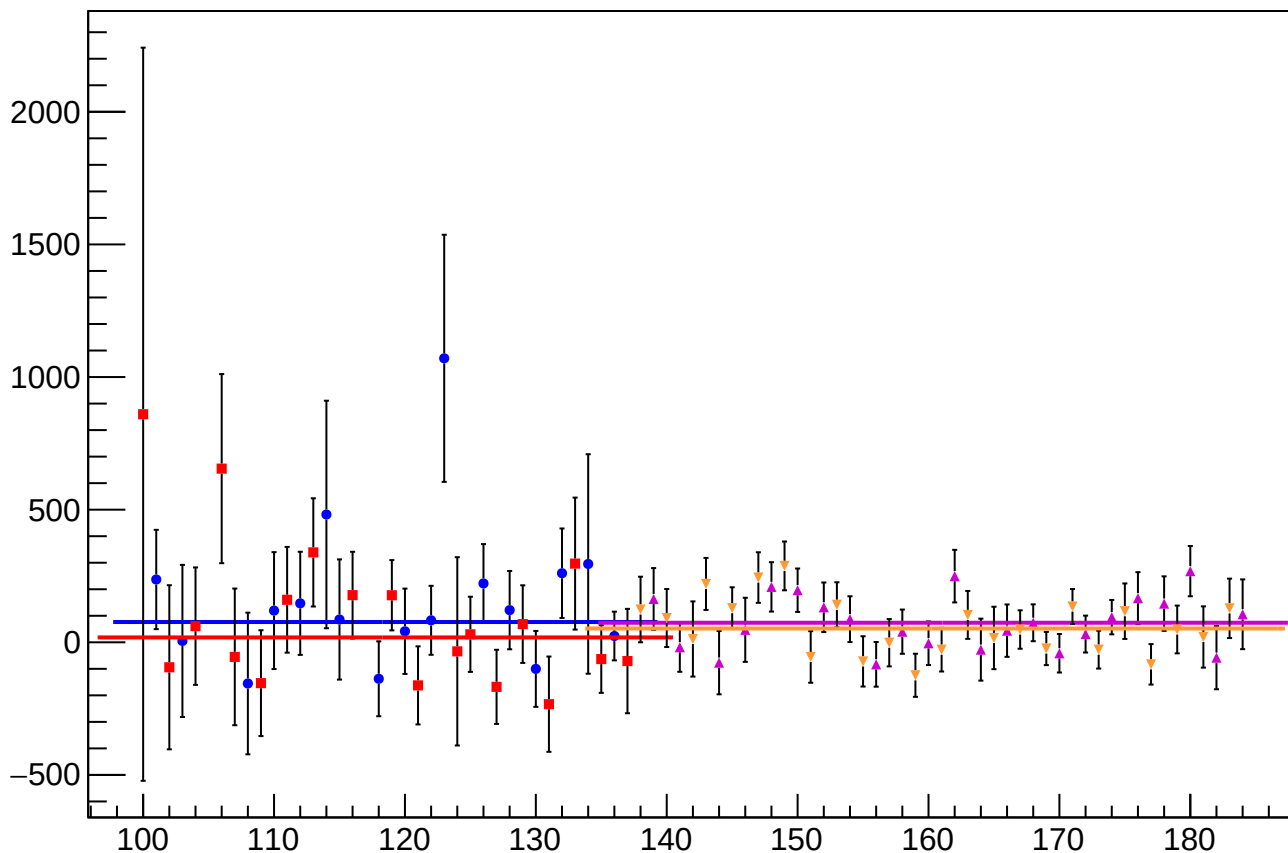
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.170+/-0.044 χ^2/NDF :1366527.6/22

Out: 256.122+/-0.043 χ^2/NDF :1517770.2/23

All: 254.652+/-0.031 χ^2/NDF : 2886594.1/46

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 52.082 $\pm$ 18.020 χ^2 /NDF:33.9/23

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 73.724 $\pm$ 18.787 χ^2 /NDF:26.4/22

Left: 62.452 $\pm$ 13.005 χ^2 /NDF: 60.9/46

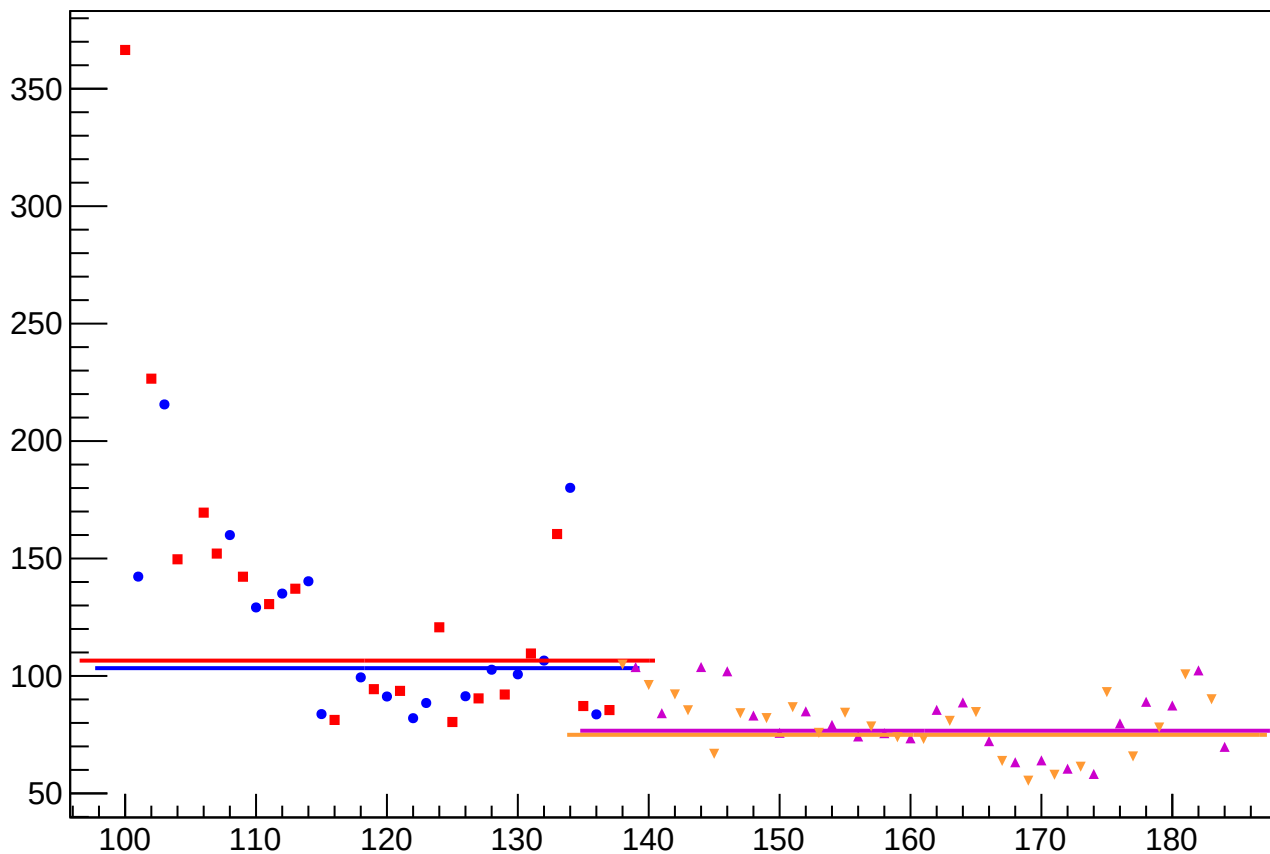
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 74.195 $\pm$ 17.119 χ^2 /NDF:40.3/39

Out: 46.903 $\pm$ 16.577 χ^2 /NDF:51.6/42

All: 60.110 $\pm$ 11.909 χ^2 /NDF: 93.2/82

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 74.940 $\pm$ 0.013 χ^2 /NDF: 1046127.8/23

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 76.673 $\pm$ 0.013 χ^2 /NDF: 944412.6/22

Left: 75.770 $\pm$ 0.009 χ^2 /NDF: 1999409.7/46

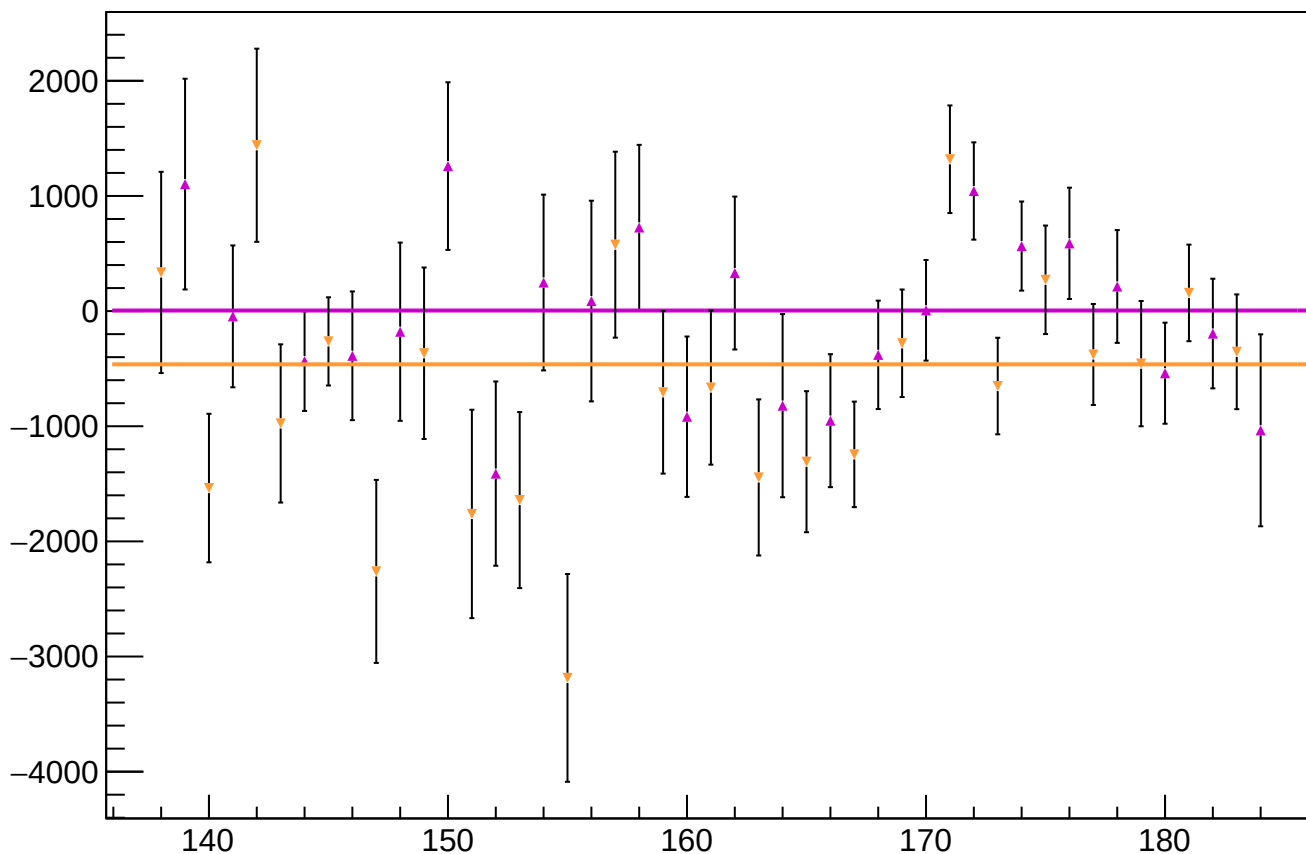
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 81.195 $\pm$ 0.012 χ^2 /NDF: 2464834.2/39

Out: 79.797 $\pm$ 0.012 χ^2 /NDF: 3062799.6/42

All: 80.473 $\pm$ 0.008 χ^2 /NDF: 5534517.4/82

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -462.286+/-115.753 χ^2/NDF :56.6/23

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

Left In: 5.090+/-117.135 χ^2/NDF :29.8/22

Left: -231.372+/-82.334 χ^2/NDF : 94.5/46

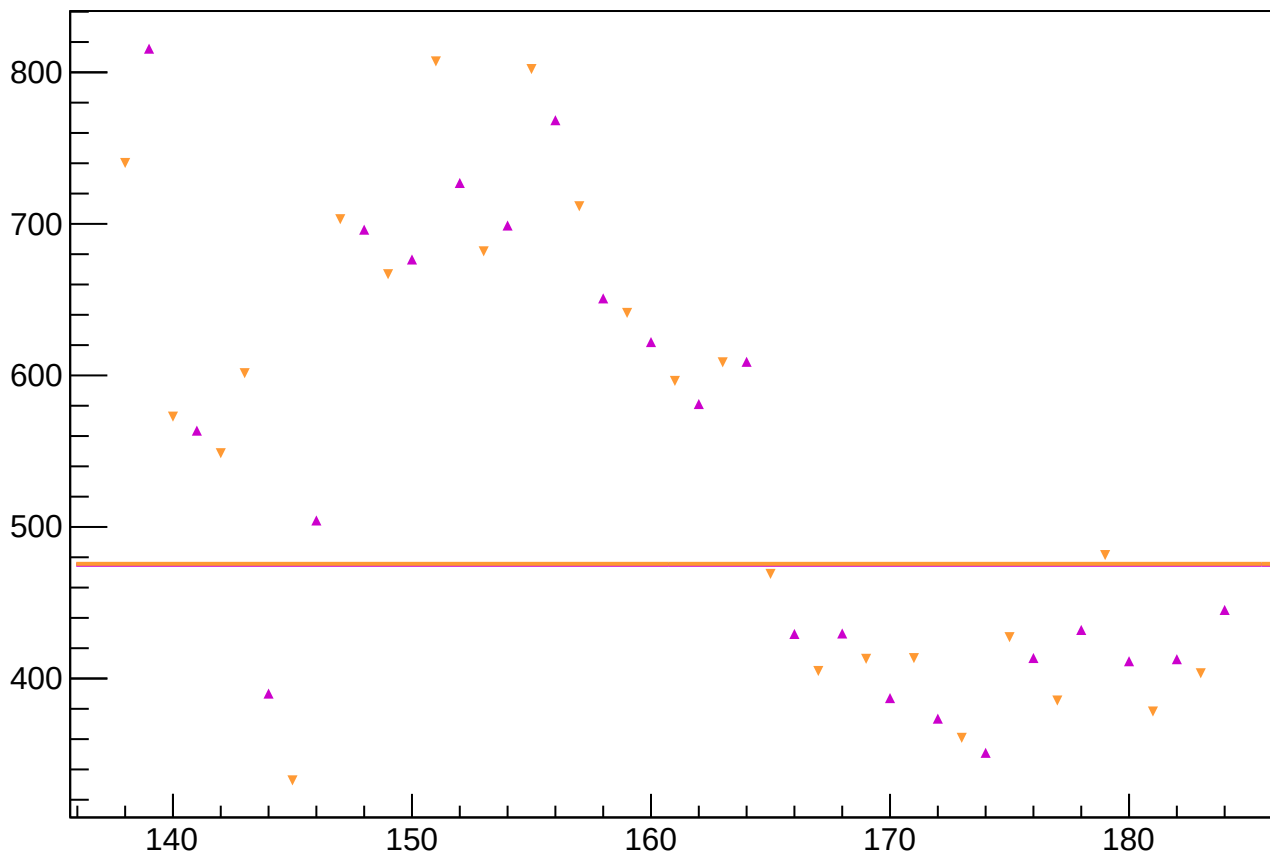
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.090+/-117.135 χ^2/NDF :29.8/22

Out: -462.286+/-115.753 χ^2/NDF :56.6/23

All: -231.372+/-82.334 χ^2/NDF : 94.5/46

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 475.681+/-0.082 χ^2/NDF :2508352.5/23

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

Left In: 475.060+/-0.083 χ^2/NDF :2190922.0/22

Left: 475.374+/-0.058 χ^2/NDF : 4699302.9/46

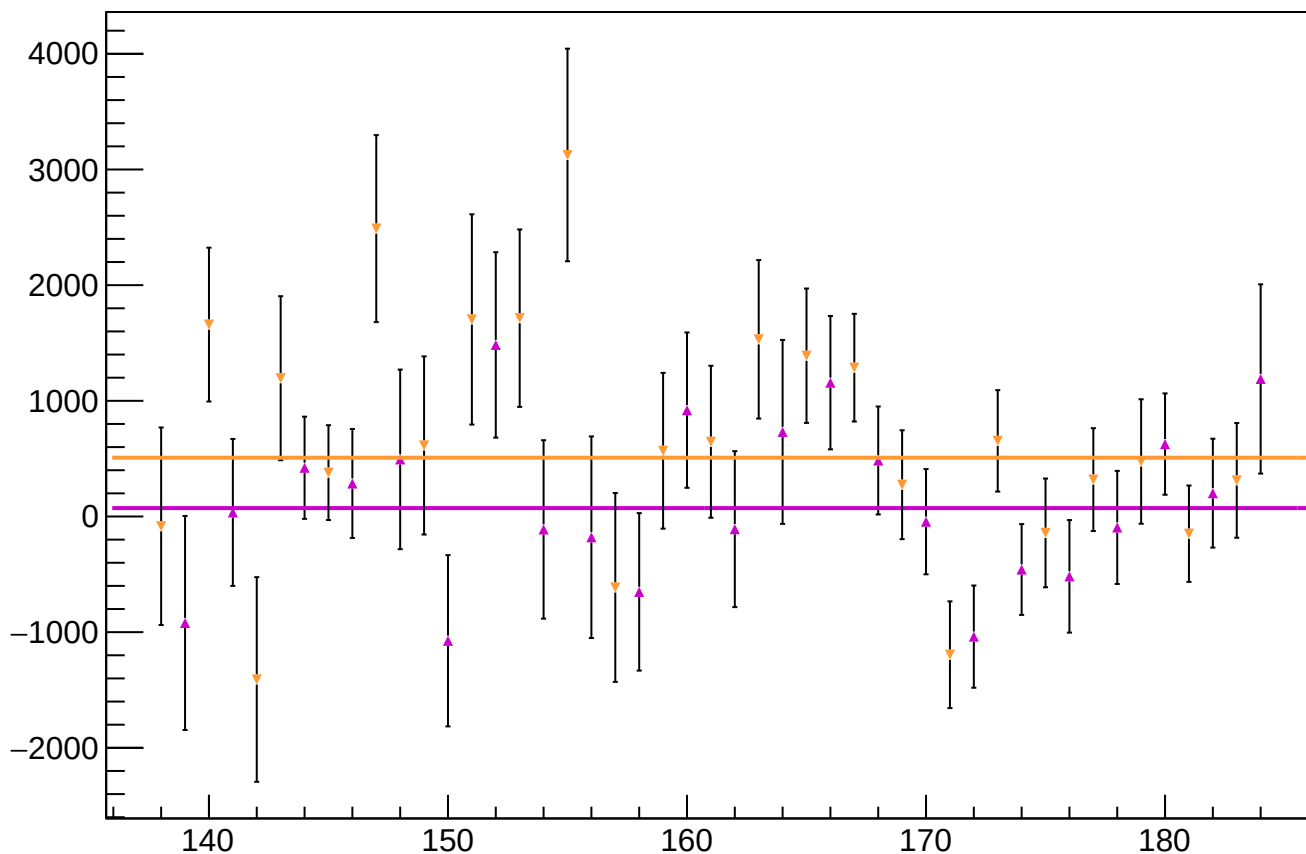
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.060+/-0.083 χ^2/NDF :2190922.0/22

Out: 475.681+/-0.082 χ^2/NDF :2508352.5/23

All: 475.374+/-0.058 χ^2/NDF : 4699302.9/46

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 508.262+/-116.897 χ^2/NDF : 55.6/23

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

Left In: 72.627+/-116.927 χ^2/NDF : 29.1/22

Left: 290.501+/-82.669 χ^2/NDF : 91.6/46

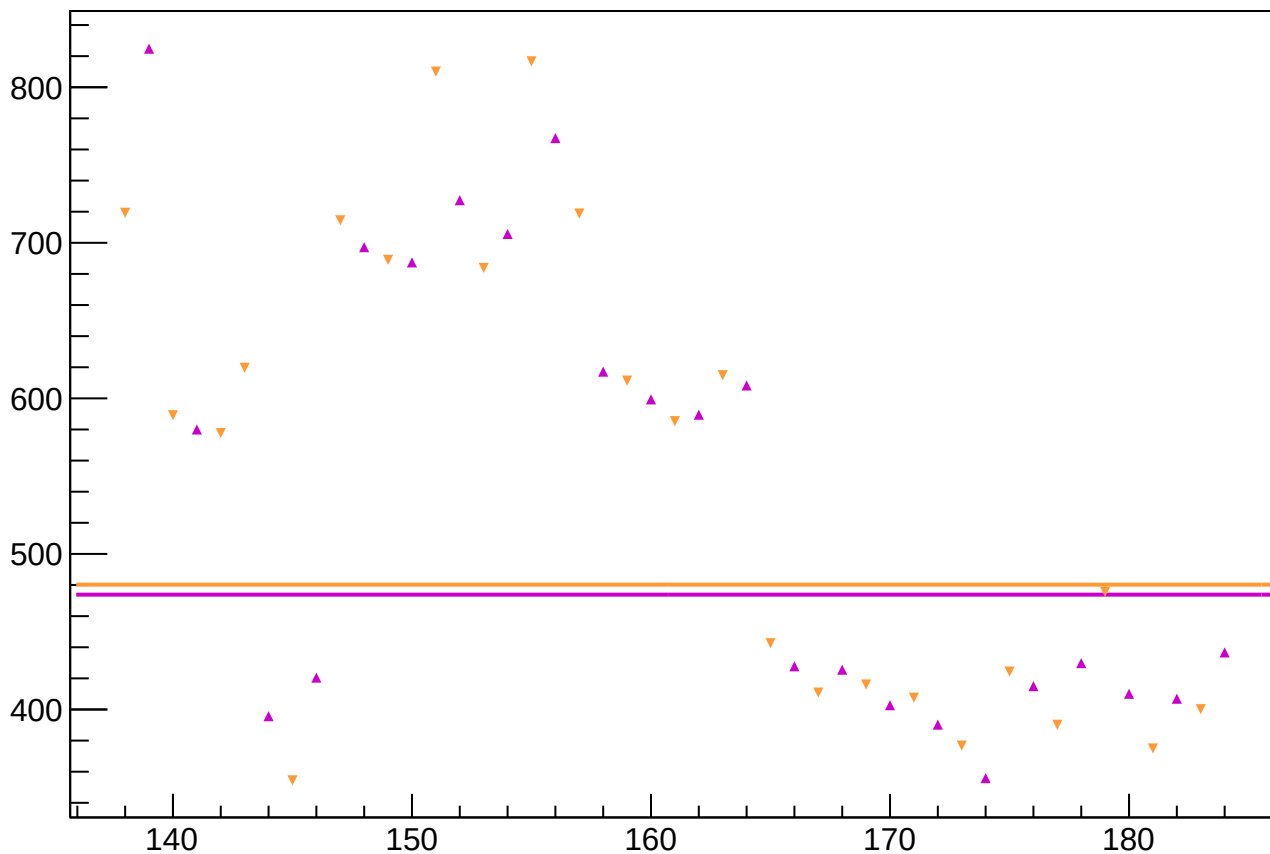
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 72.627+/-116.927 χ^2/NDF : 29.1/22

Out: 508.262+/-116.897 χ^2/NDF : 55.6/23

All: 290.501+/-82.669 χ^2/NDF : 91.6/46

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 480.251+/-0.083 χ^2/NDF :2404069.9/23

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

Left In: 473.824+/-0.083 χ^2/NDF :2113753.1/22

Left: 477.038+/-0.058 χ^2/NDF : 4520845.5/46

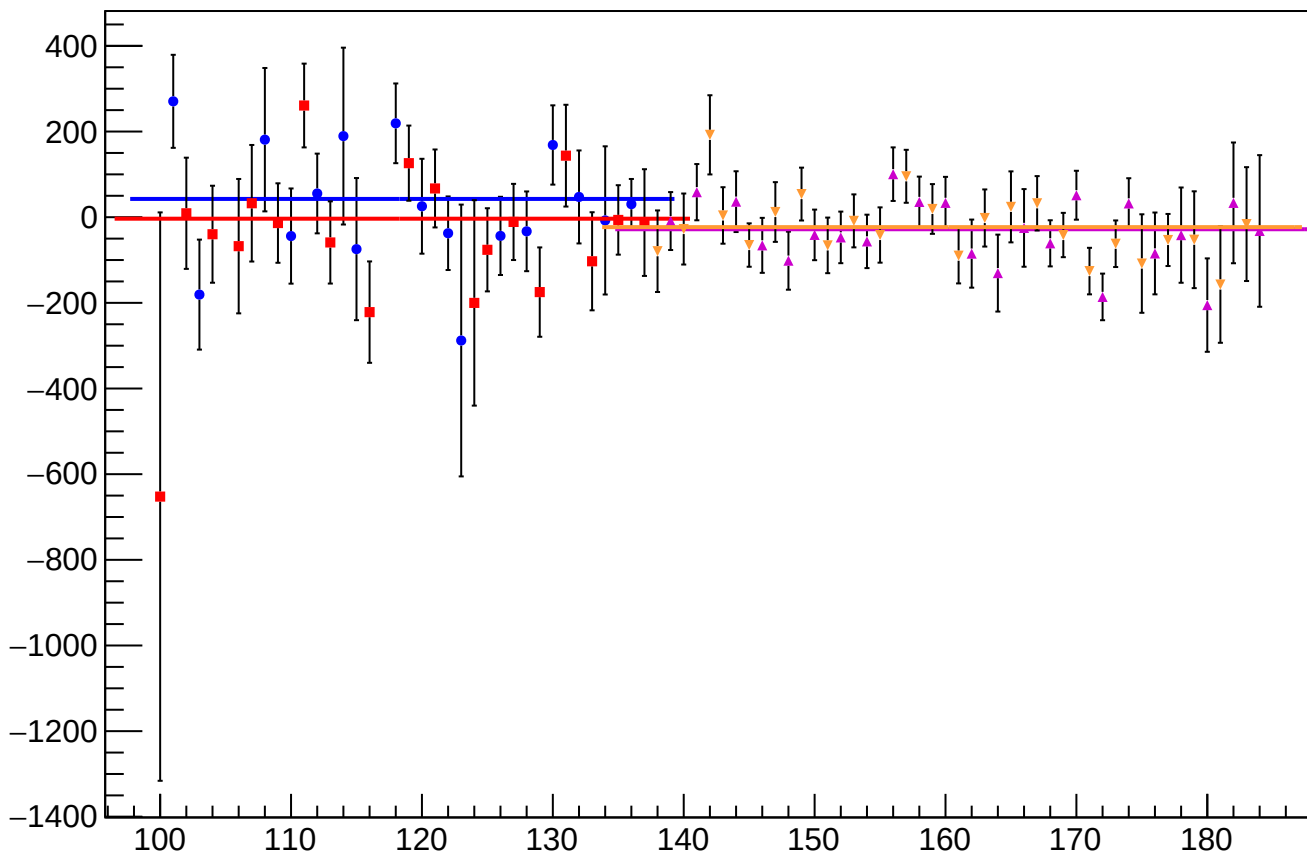
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 473.824+/-0.083 χ^2/NDF :2113753.1/22

Out: 480.251+/-0.083 χ^2/NDF :2404069.9/23

All: 477.038+/-0.058 χ^2/NDF : 4520845.5/46

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 ± 25.486 $\chi^2/\text{NDF}: 18.9/16$

Left Out: -23.203 ± 13.869 $\chi^2/\text{NDF}: 21.5/23$

Right Out: -3.503 ± 25.070 $\chi^2/\text{NDF}: 21.4/18$

Left In: -28.117 ± 14.462 $\chi^2/\text{NDF}: 27.7/22$

Left: -25.557 ± 10.010 $\chi^2/\text{NDF}: 49.3/46$

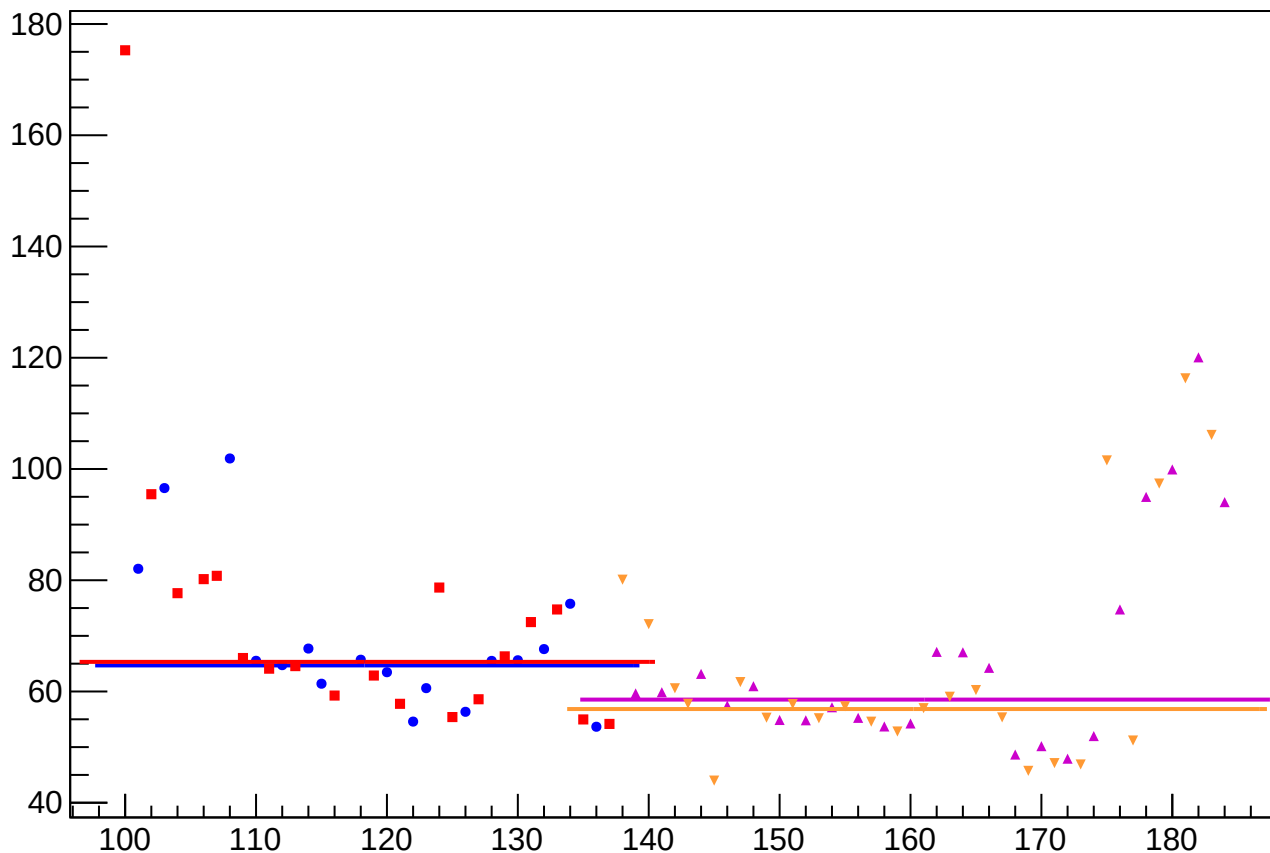
Right: 19.196 ± 17.872 $\chi^2/\text{NDF}: 41.9/35$

In: -10.879 ± 12.578 $\chi^2/\text{NDF}: 52.4/39$

Out: -18.587 ± 12.135 $\chi^2/\text{NDF}: 43.4/42$

All: -14.871 ± 8.733 $\chi^2/\text{NDF}: 96.0/82$

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.845 $\pm$ 0.010 χ^2 /NDF:1808458.2/23

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 58.542 $\pm$ 0.010 χ^2 /NDF:1340216.9/22

Left: 57.658 $\pm$ 0.007 χ^2 /NDF: 3163034.2/46

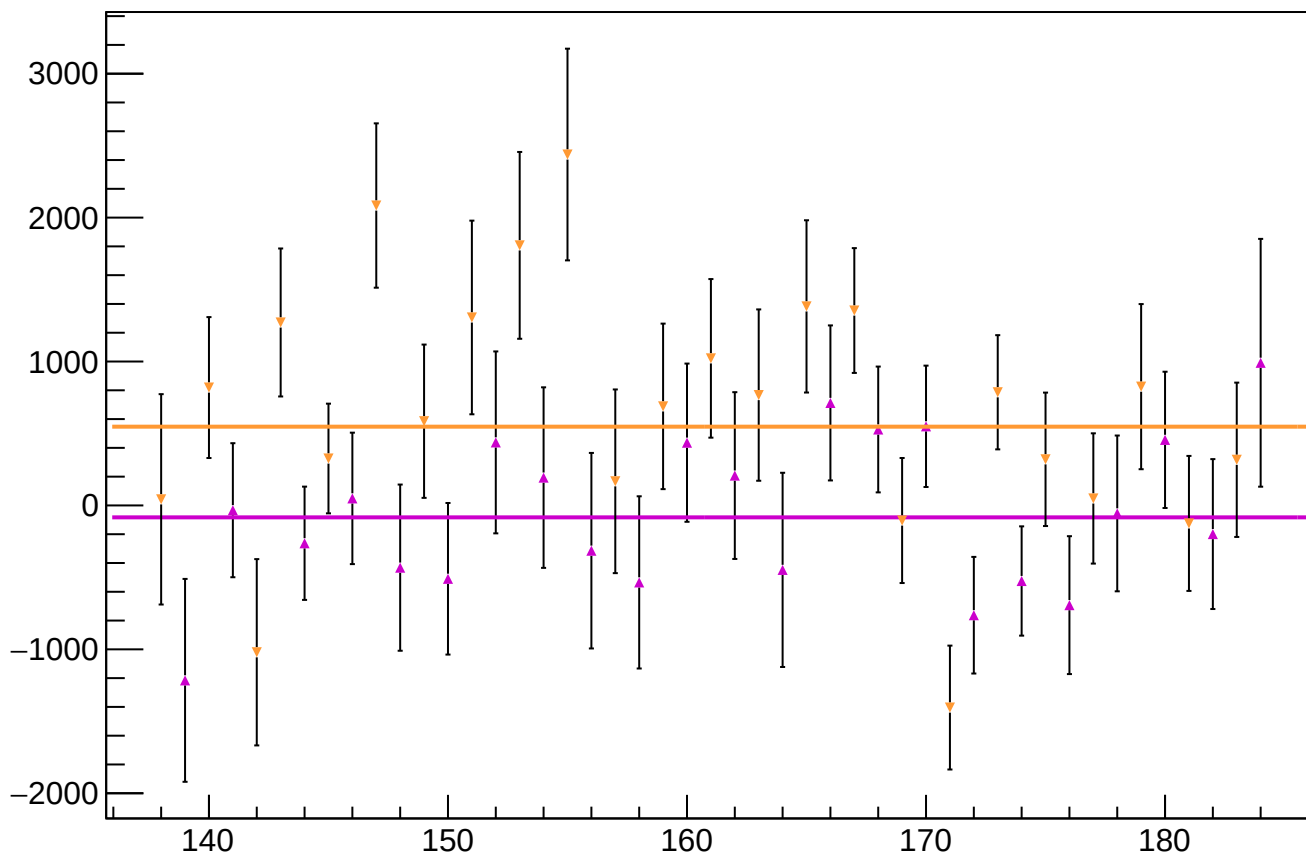
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 60.039 $\pm$ 0.009 χ^2 /NDF:1828303.7/39

Out: 58.831 $\pm$ 0.009 χ^2 /NDF:2343237.5/42

All: 59.413 $\pm$ 0.006 χ^2 /NDF: 4181081.6/82

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 547.268+/-105.721 χ^2/NDF :61.7/23

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

Left In: -82.880+/-106.864 χ^2/NDF :22.0/22

Left: 235.582+/-75.157 χ^2/NDF : 101.2/46

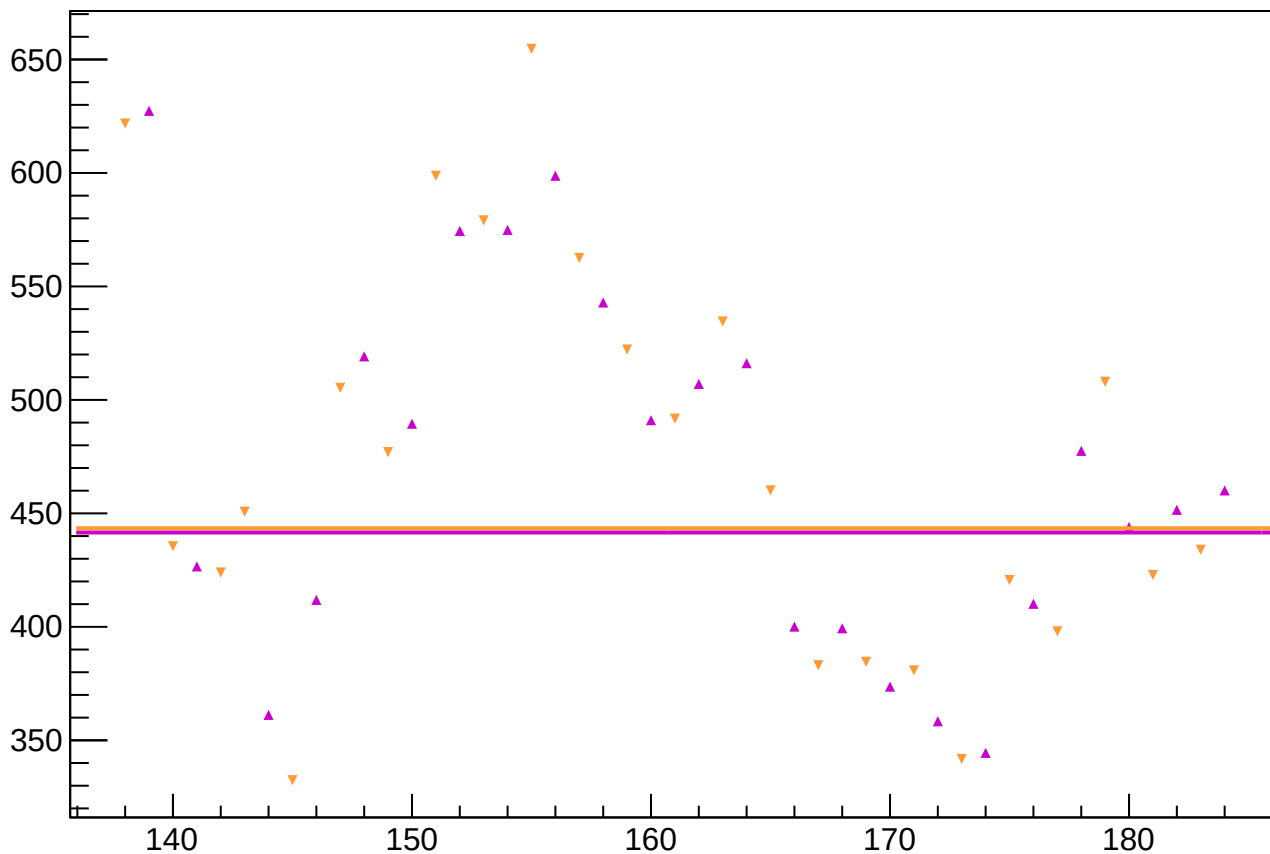
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.880+/-106.864 χ^2/NDF :22.0/22

Out: 547.268+/-105.721 χ^2/NDF :61.7/23

All: 235.582+/-75.157 χ^2/NDF : 101.2/46

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 443.441+/-0.075 χ^2/NDF :1156813.8/23

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

Left In: 441.571+/-0.076 χ^2/NDF :1011637.1/22

Left: 442.516+/-0.053 χ^2/NDF : 2168760.4/46

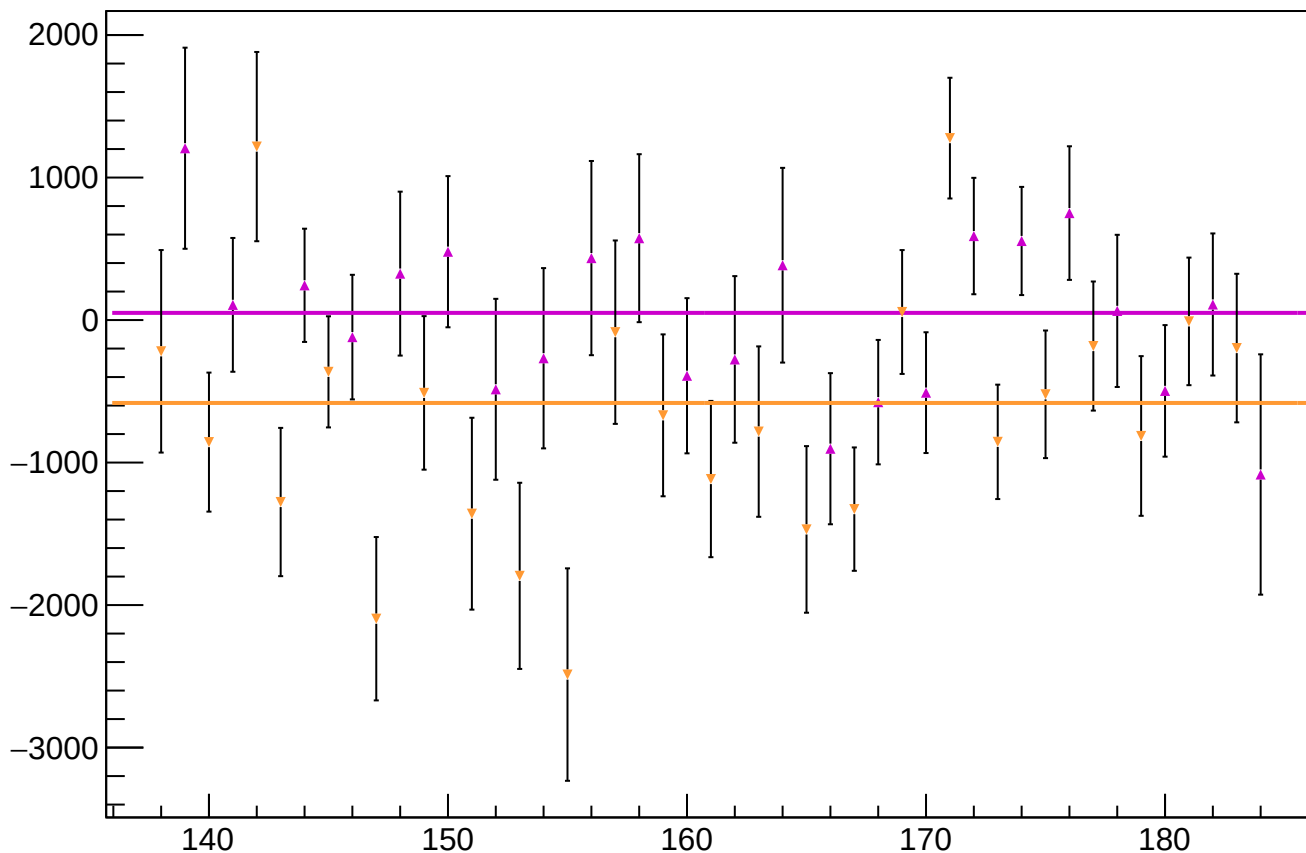
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 441.571+/-0.076 χ^2/NDF :1011637.1/22

Out: 443.441+/-0.075 χ^2/NDF :1156813.8/23

All: 442.516+/-0.053 χ^2/NDF : 2168760.4/46

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -581.685 $\pm$ 105.259 χ^2 /NDF:60.3/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 50.387 $\pm$ 106.218 χ^2 /NDF:23.3/22

Left: -268.516 $\pm$ 74.766 χ^2 /NDF: 101.4/46

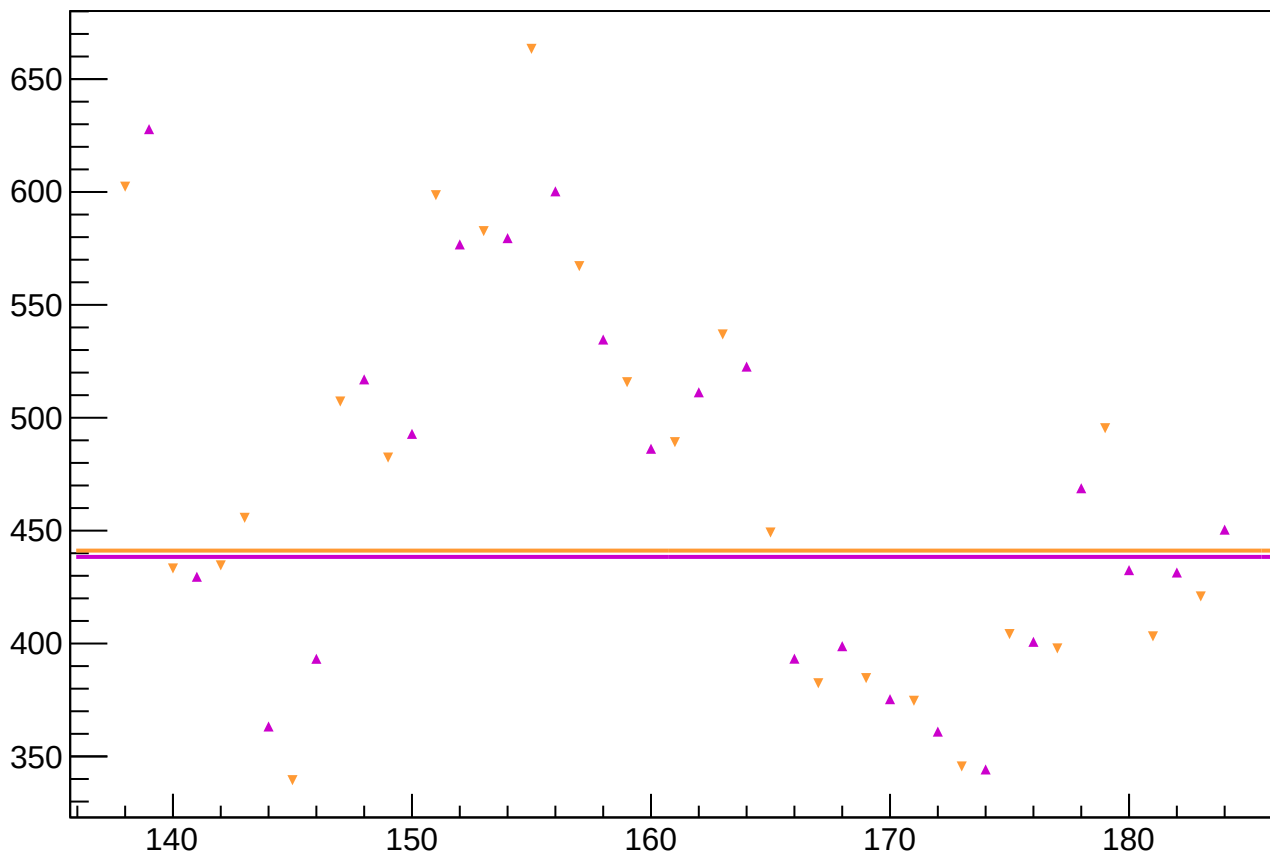
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 50.387 $\pm$ 106.218 χ^2 /NDF:23.3/22

Out: -581.685 $\pm$ 105.259 χ^2 /NDF:60.3/23

All: -268.516 $\pm$ 74.766 χ^2 /NDF: 101.4/46

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 441.157+/-0.074 χ^2/NDF : 1140102.4/23

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

Left In: 438.365+/-0.075 χ^2/NDF : 1024661.1/22

Left: 439.774+/-0.053 χ^2/NDF : 2165460.9/46

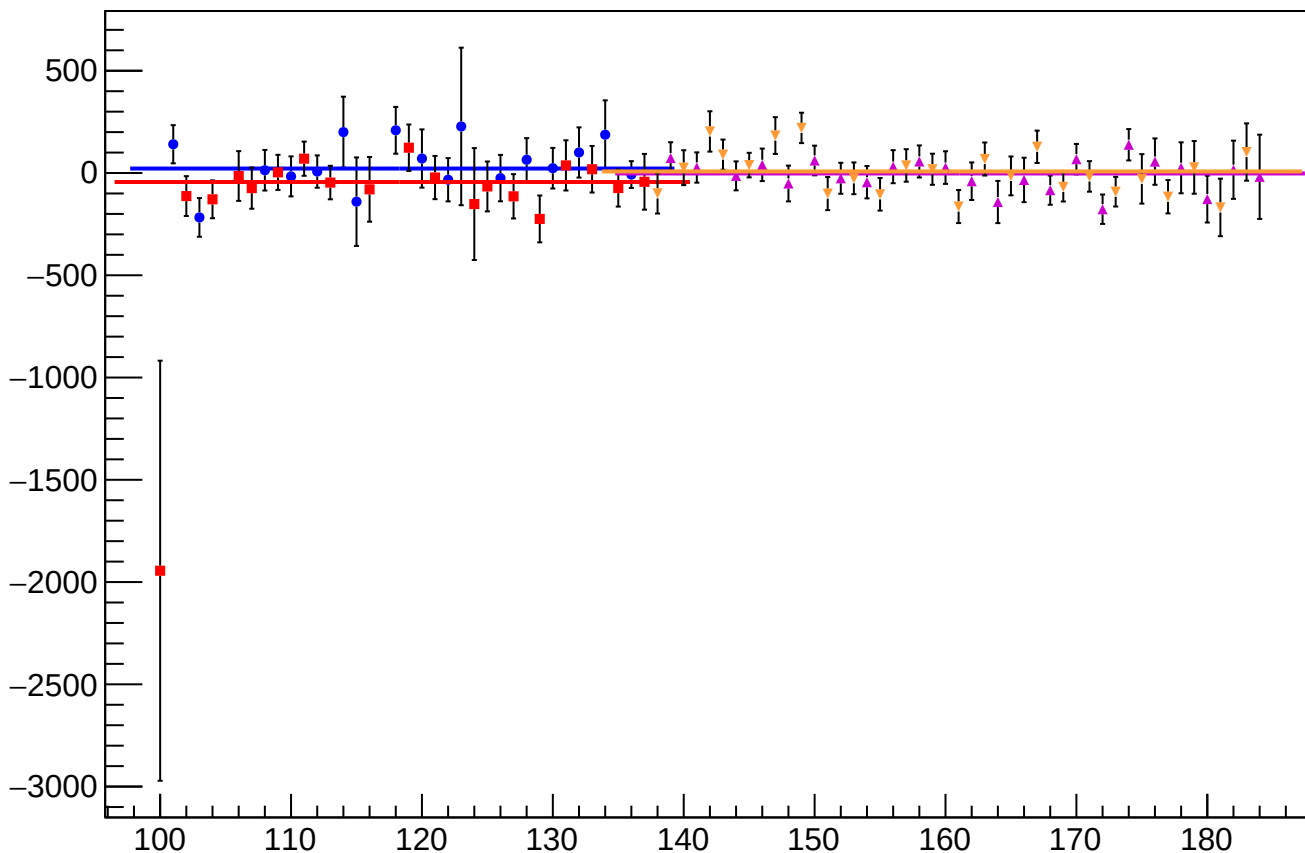
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.365+/-0.075 χ^2/NDF : 1024661.1/22

Out: 441.157+/-0.074 χ^2/NDF : 1140102.4/23

All: 439.774+/-0.053 χ^2/NDF : 2165460.9/46

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 7.807 $\pm$ 17.049 χ^2 /NDF: 37.8/23

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: -2.213 $\pm$ 17.775 χ^2 /NDF: 18.8/22

Left: 3.005 $\pm$ 12.304 χ^2 /NDF: 56.8/46

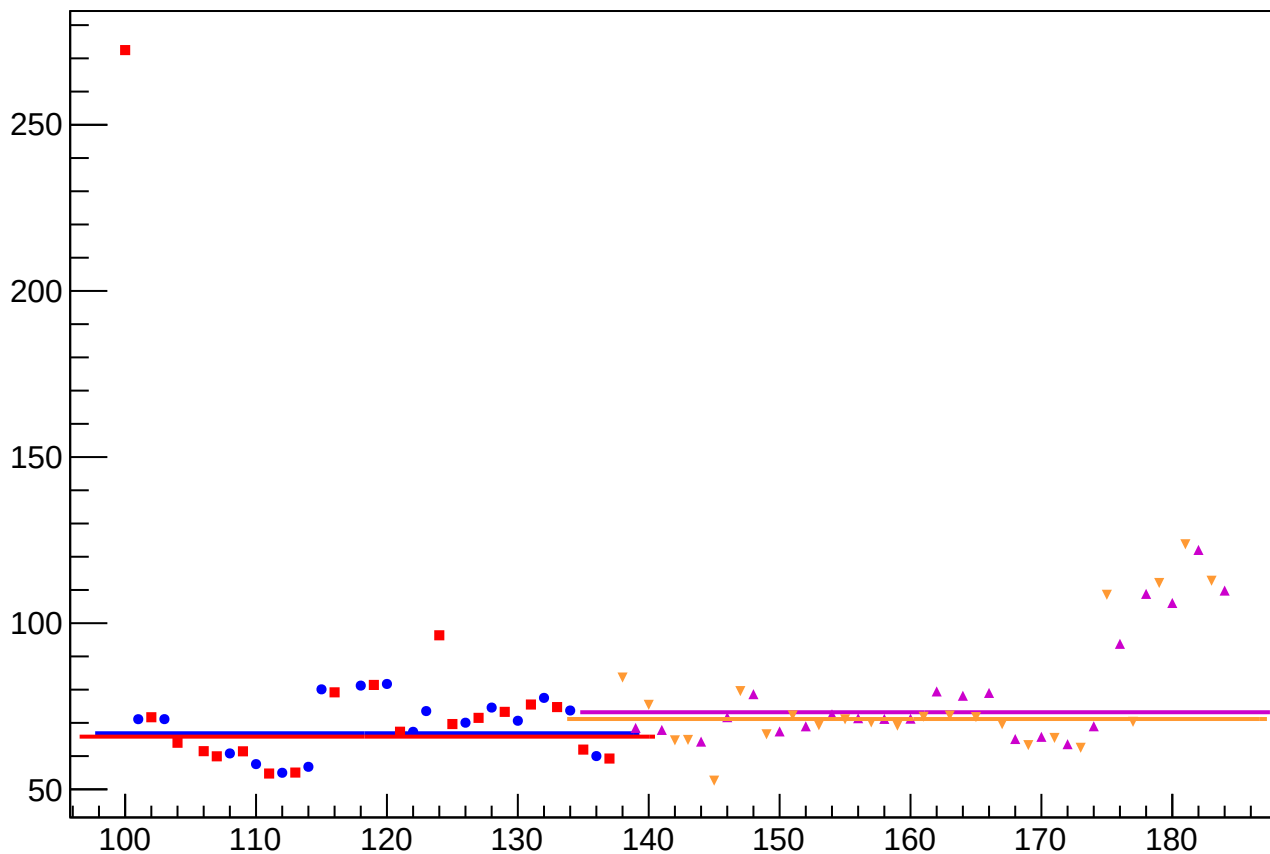
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 5.447 $\pm$ 14.683 χ^2 /NDF: 34.5/39

Out: -8.528 $\pm$ 14.105 χ^2 /NDF: 54.0/42

All: -1.821 $\pm$ 10.172 χ^2 /NDF: 88.9/82

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 71.161 $\pm$ 0.012 χ^2 /NDF: 1194674.5/23

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 73.201 $\pm$ 0.013 χ^2 /NDF: 879338.5/22

Left: 72.139 $\pm$ 0.009 χ^2 /NDF: 2087733.1/46

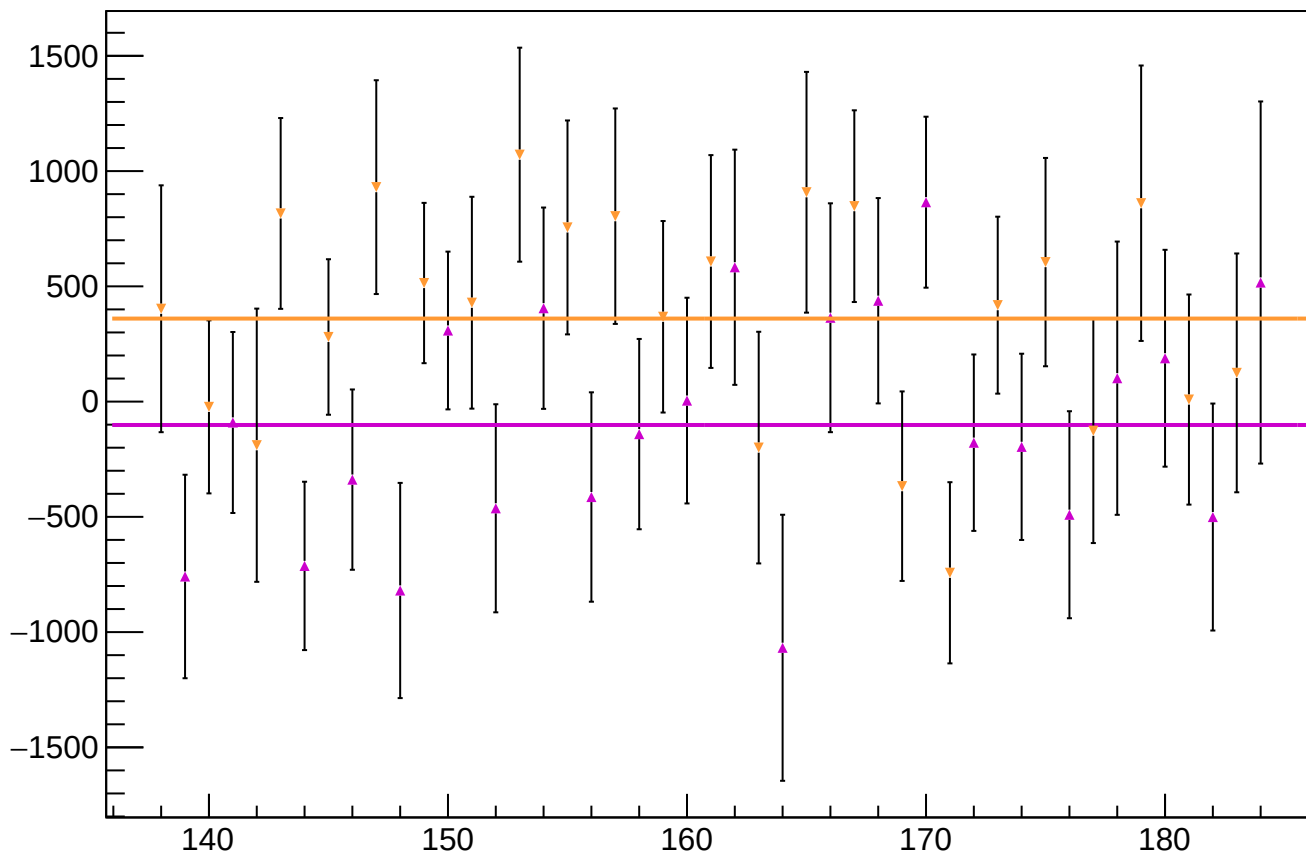
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 71.191 $\pm$ 0.010 χ^2 /NDF: 1162386.4/39

Out: 69.486 $\pm$ 0.010 χ^2 /NDF: 1555701.8/42

All: 70.304 $\pm$ 0.007 χ^2 /NDF: 2732108.2/82

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 360.194+/-90.130 χ^2/NDF :26.7/23

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

Left In: -101.465+/-91.704 χ^2/NDF :28.1/22

Left: 133.362+/-64.281 χ^2/NDF : 67.7/46

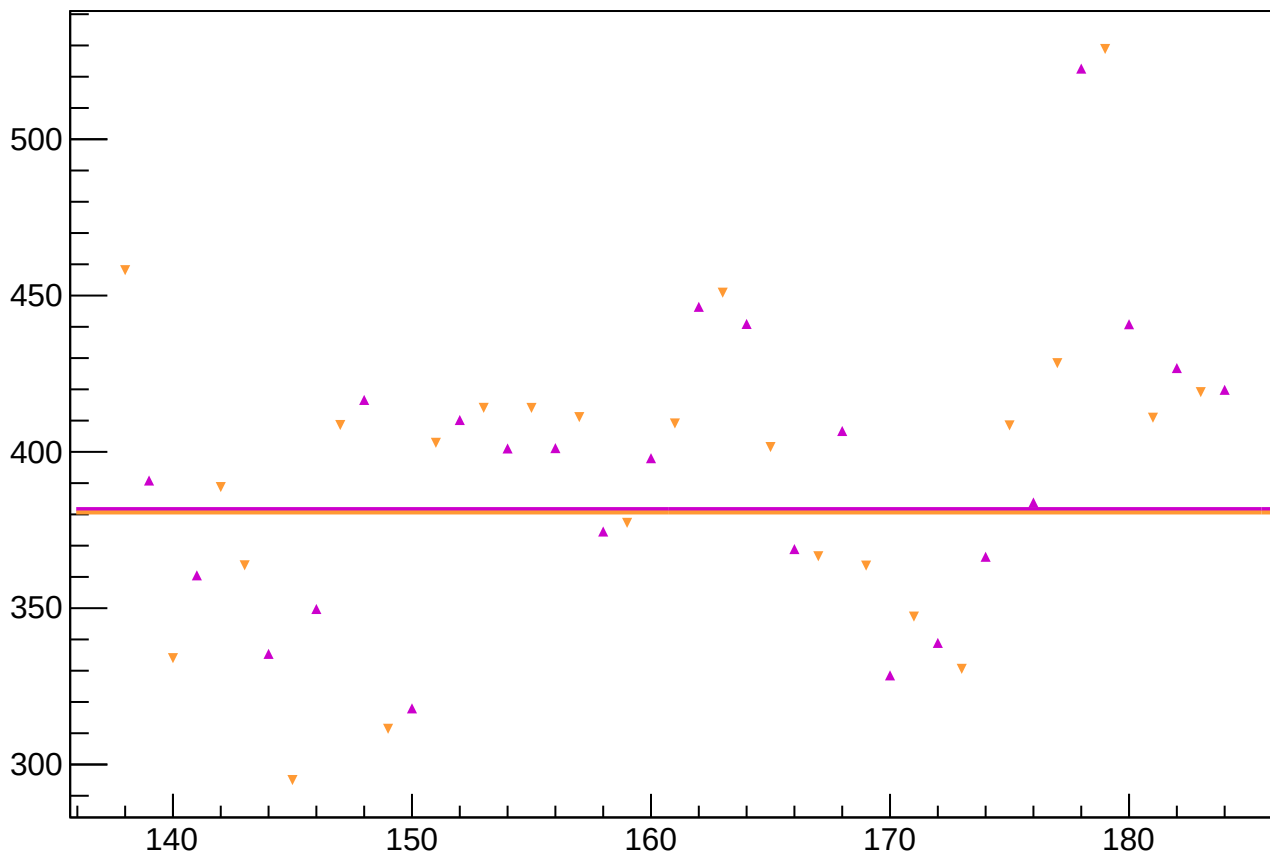
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -101.465+/-91.704 χ^2/NDF :28.1/22

Out: 360.194+/-90.130 χ^2/NDF :26.7/23

All: 133.362+/-64.281 χ^2/NDF : 67.7/46

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 380.615+/-0.064 χ^2/NDF : 599606.7/23

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

Left In: 381.700+/-0.065 χ^2/NDF : 447665.1/22

Left: 381.148+/-0.045 χ^2/NDF : 1047414.1/46

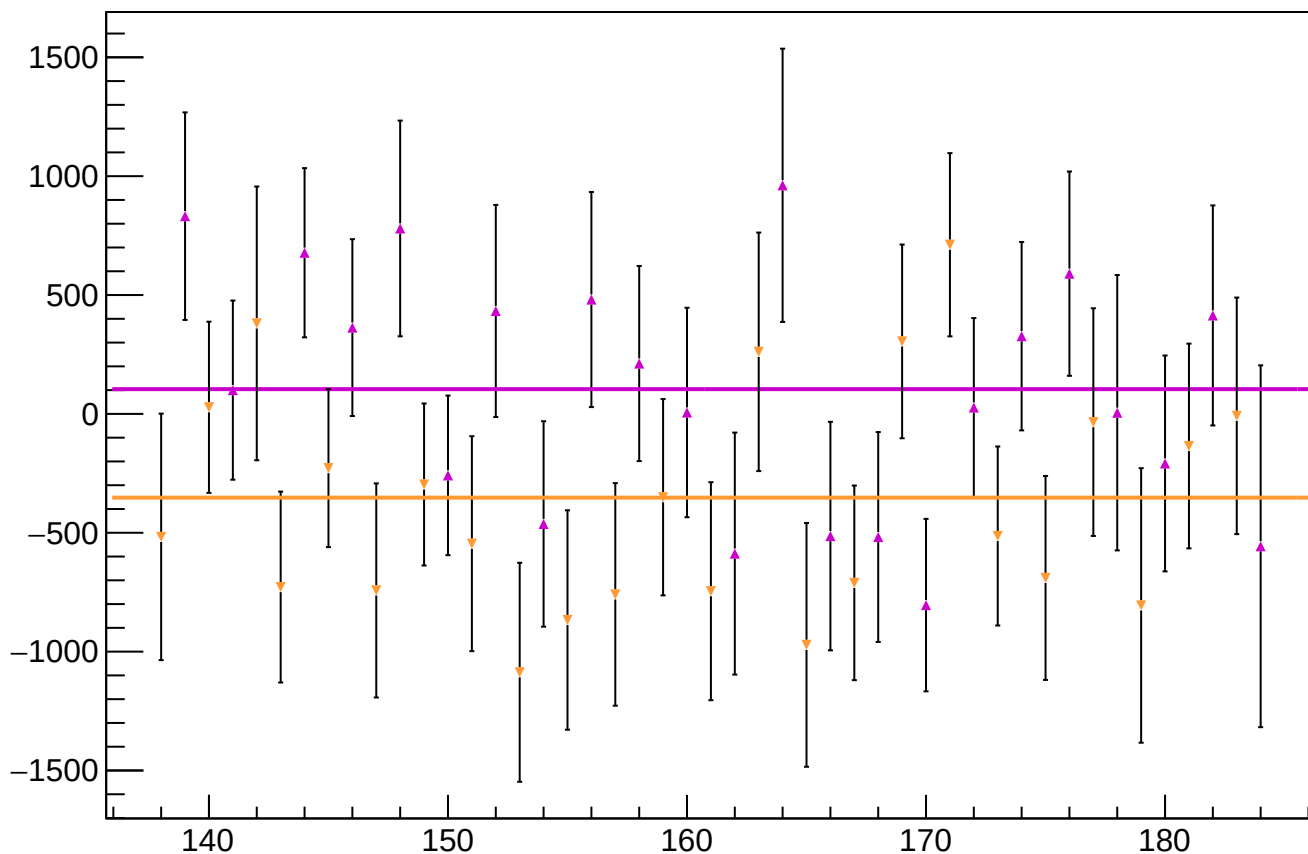
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.700+/-0.065 χ^2/NDF : 447665.1/22

Out: 380.615+/-0.064 χ^2/NDF : 599606.7/23

All: 381.148+/-0.045 χ^2/NDF : 1047414.1/46

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -352.213+/-88.207 χ^2/NDF :26.6/23

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

Left In: 104.117+/-89.613 χ^2/NDF :29.7/22

Left: -127.656+/-62.863 χ^2/NDF : 69.5/46

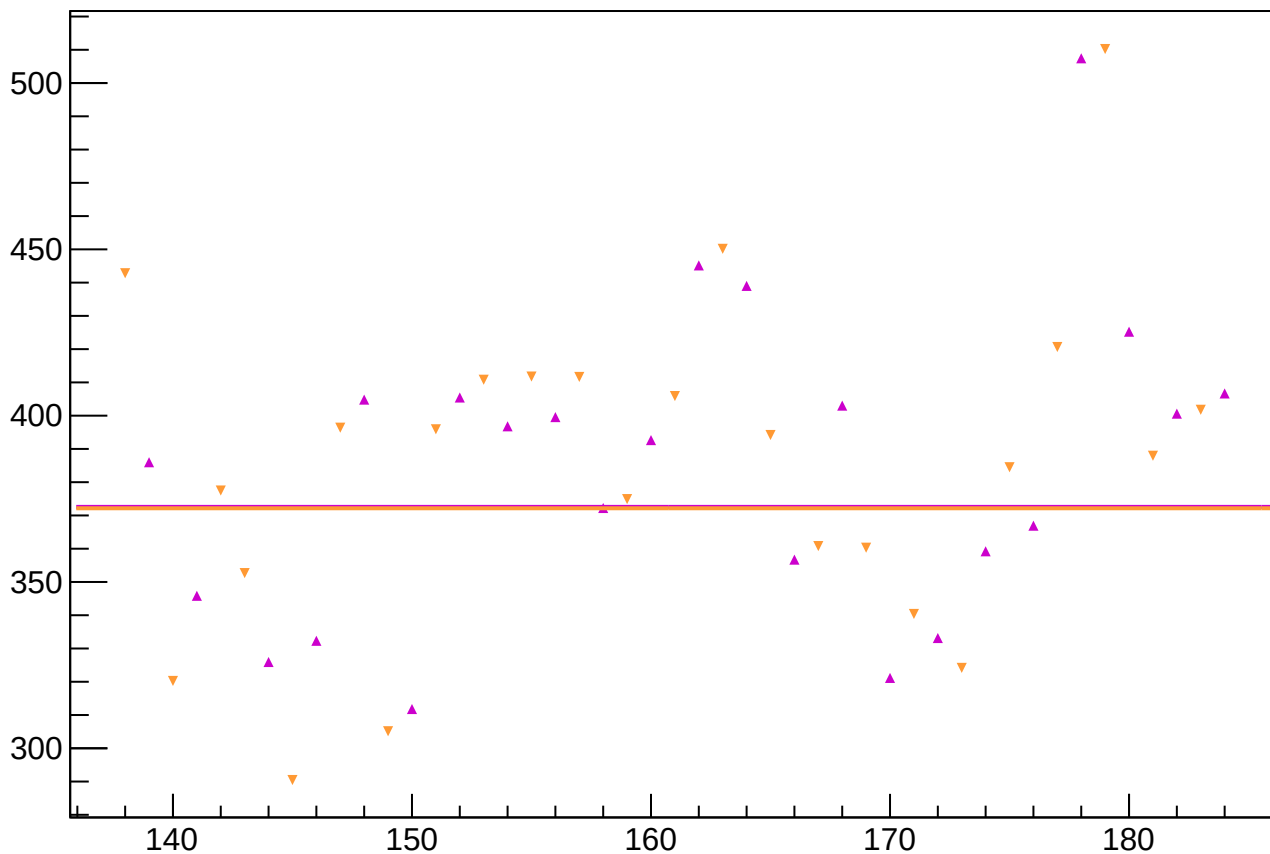
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 104.117+/-89.613 χ^2/NDF :29.7/22

Out: -352.213+/-88.207 χ^2/NDF :26.6/23

All: -127.656+/-62.863 χ^2/NDF : 69.5/46

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 372.158+/-0.062 χ^2/NDF : 594831.5/23

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

Left In: 372.574+/-0.063 χ^2/NDF : 464397.2/22

Left: 372.363+/-0.044 χ^2/NDF : 1059250.7/46

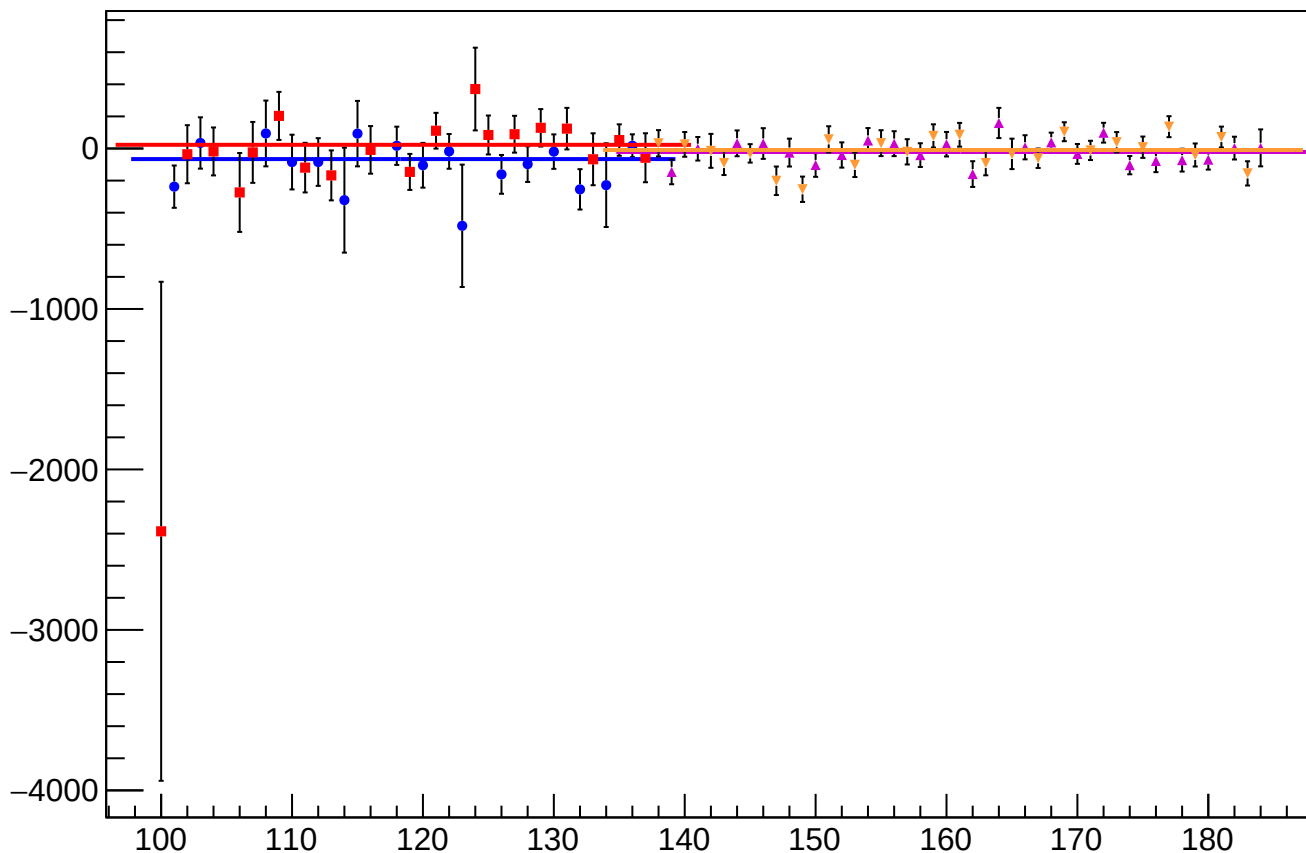
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.574+/-0.063 χ^2/NDF : 464397.2/22

Out: 372.158+/-0.062 χ^2/NDF : 594831.5/23

All: 372.363+/-0.044 χ^2/NDF : 1059250.7/46

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -9.418 ± 14.713 χ^2/NDF : 38.3/23

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -21.775 ± 15.300 χ^2/NDF : 22.1/22

Left: -15.355 ± 10.605 χ^2/NDF : 60.7/46

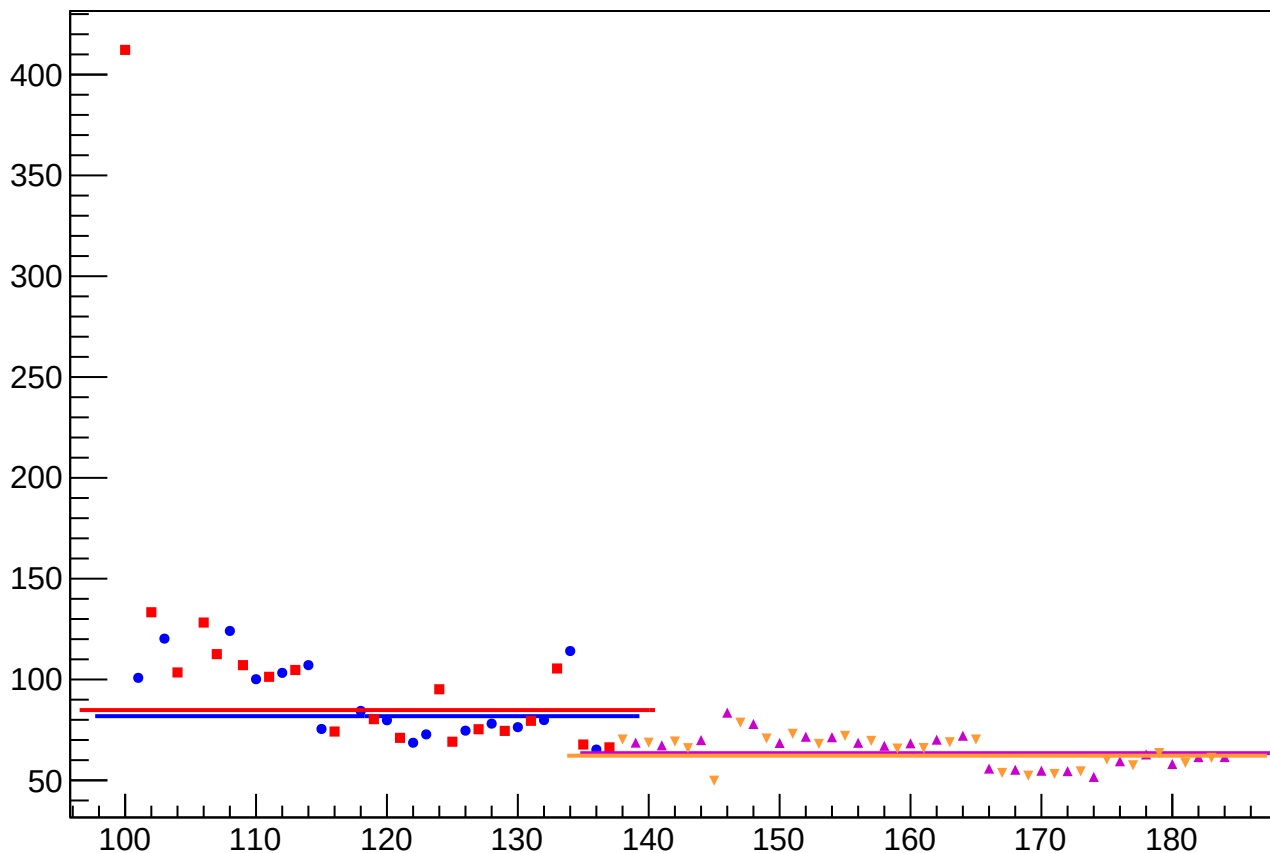
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -29.879 ± 13.826 χ^2/NDF : 34.4/39

Out: -3.998 ± 13.423 χ^2/NDF : 54.4/42

All: -16.556 ± 9.631 χ^2/NDF : 90.6/82

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: 62.213 $\pm$ 0.010 χ^2 /NDF: 556789.0/23

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 63.450 $\pm$ 0.011 χ^2 /NDF: 524286.3/22

Left: 62.807 $\pm$ 0.007 χ^2 /NDF: 1087866.2/46

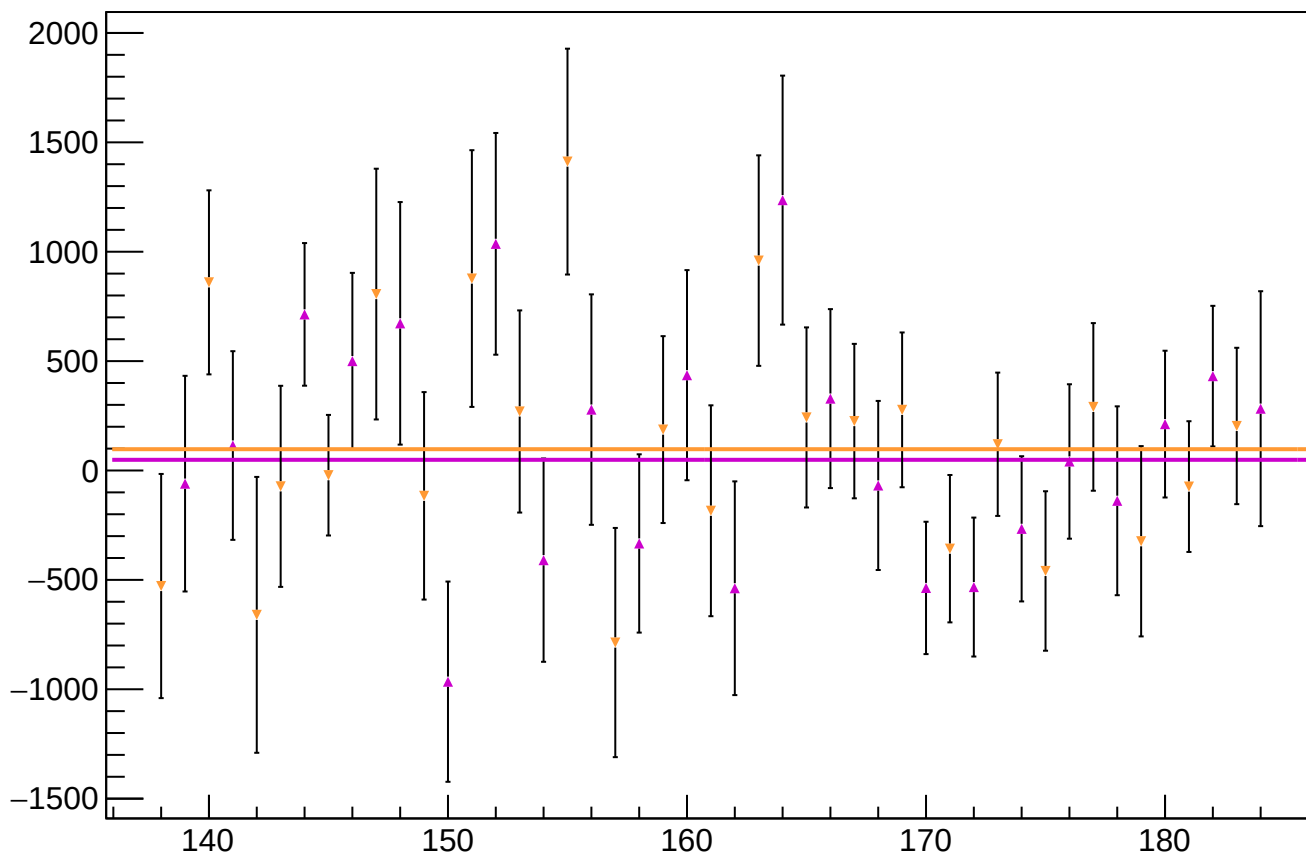
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 66.816 $\pm$ 0.010 χ^2 /NDF: 1559488.3/39

Out: 66.006 $\pm$ 0.009 χ^2 /NDF: 2054229.1/42

All: 66.399 $\pm$ 0.007 χ^2 /NDF: 3617249.0/82

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 97.357 $\pm$ 82.998 χ^2 /NDF:29.4/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 48.861 $\pm$ 84.251 χ^2 /NDF:34.5/22

Left: 73.472 $\pm$ 59.126 χ^2 /NDF: 64.1/46

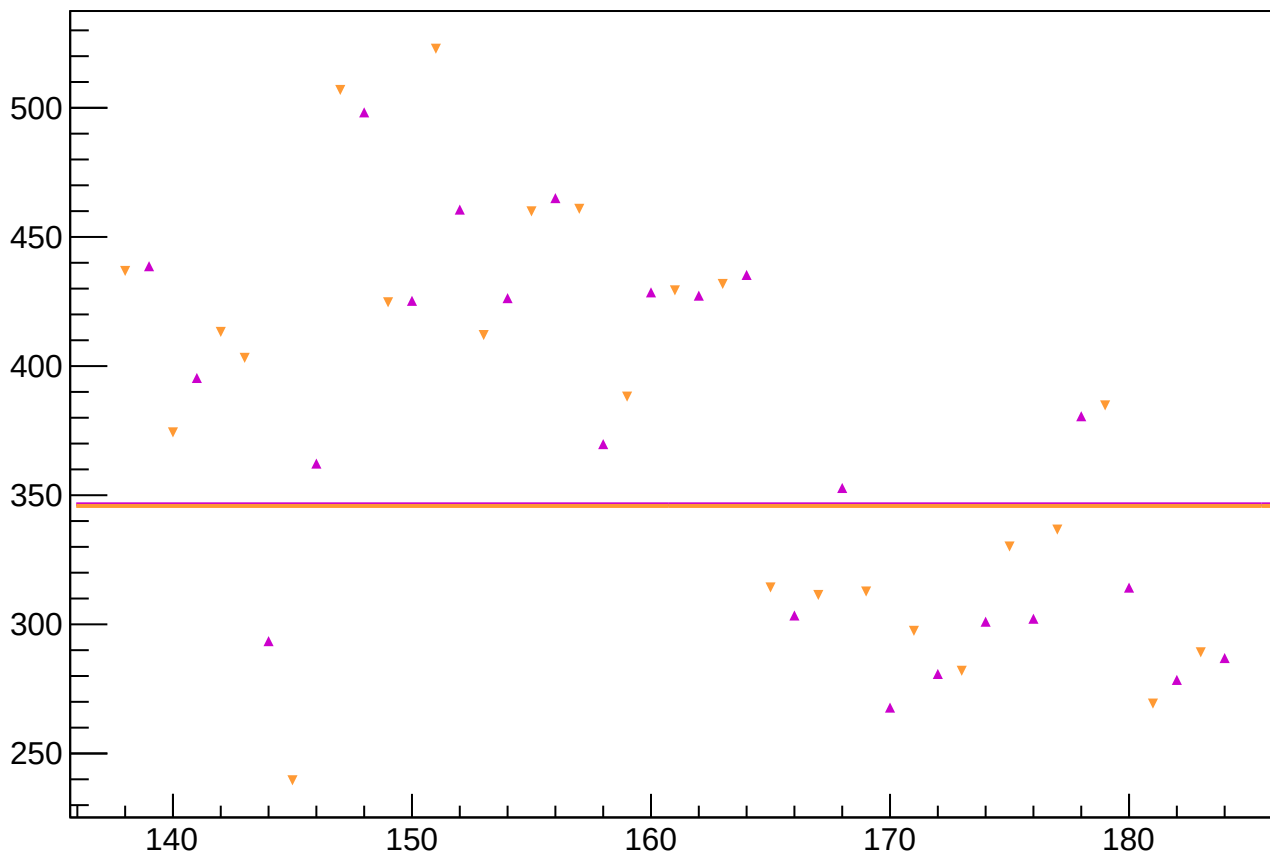
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 48.861 $\pm$ 84.251 χ^2 /NDF:34.5/22

Out: 97.357 $\pm$ 82.998 χ^2 /NDF:29.4/23

All: 73.472 $\pm$ 59.126 χ^2 /NDF: 64.1/46

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 345.848+/-0.059 χ^2/NDF :1565232.9/23

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

Left In: 346.466+/-0.060 χ^2/NDF :1248685.6/22

Left: 346.152+/-0.042 χ^2/NDF : 2813973.0/46

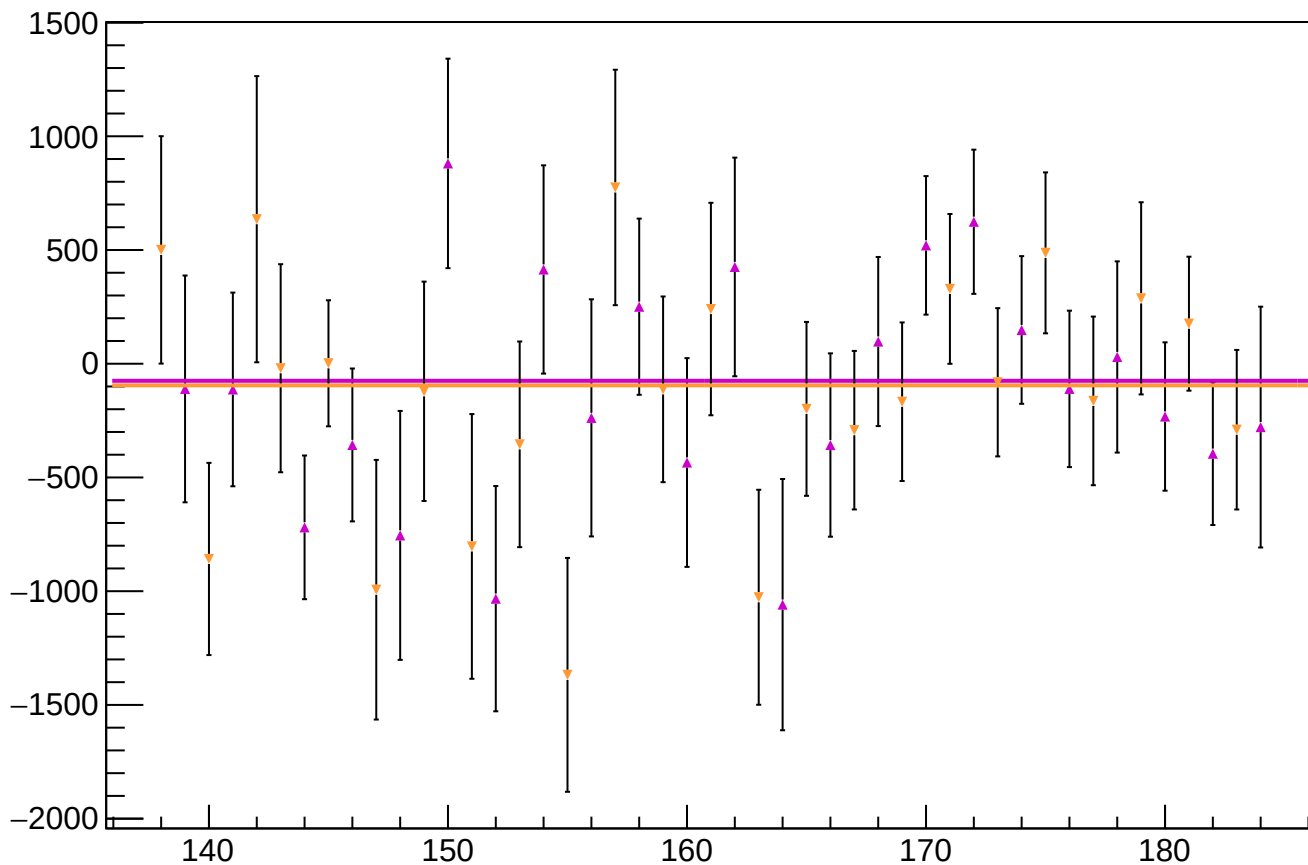
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 346.466+/-0.060 χ^2/NDF :1248685.6/22

Out: 345.848+/-0.059 χ^2/NDF :1565232.9/23

All: 346.152+/-0.042 χ^2/NDF : 2813973.0/46

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -95.091 $\pm$ 81.591 χ^2 /NDF:30.7/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -74.986 $\pm$ 81.949 χ^2 /NDF:32.7/22

Left: -85.082 $\pm$ 57.820 χ^2 /NDF: 63.3/46

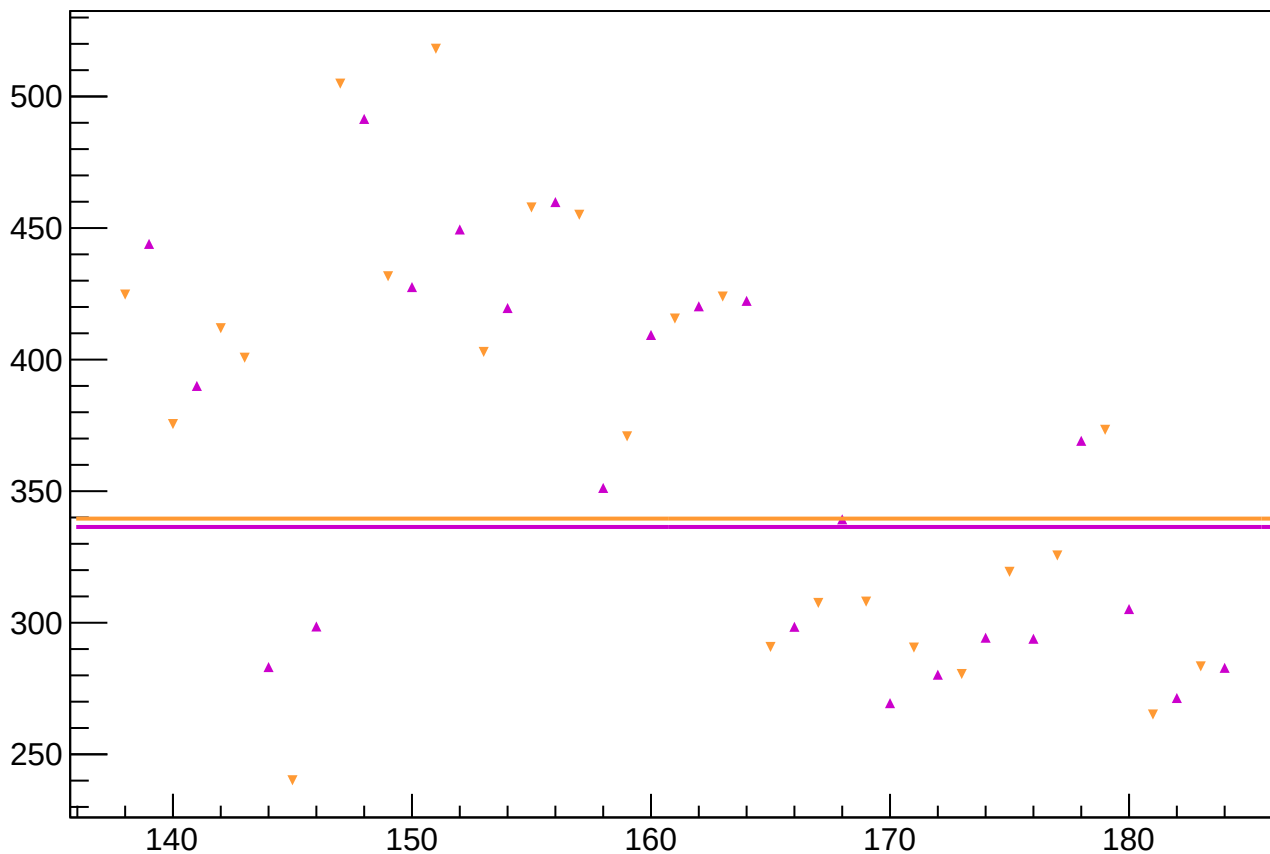
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -74.986 $\pm$ 81.949 χ^2 /NDF:32.7/22

Out: -95.091 $\pm$ 81.591 χ^2 /NDF:30.7/23

All: -85.082 $\pm$ 57.820 χ^2 /NDF: 63.3/46

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 339.578+/-0.058 χ^2/NDF :1571682.0/23

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

Left In: 336.396+/-0.058 χ^2/NDF :1269587.6/22

Left: 337.994+/-0.041 χ^2/NDF : 2842784.5/46

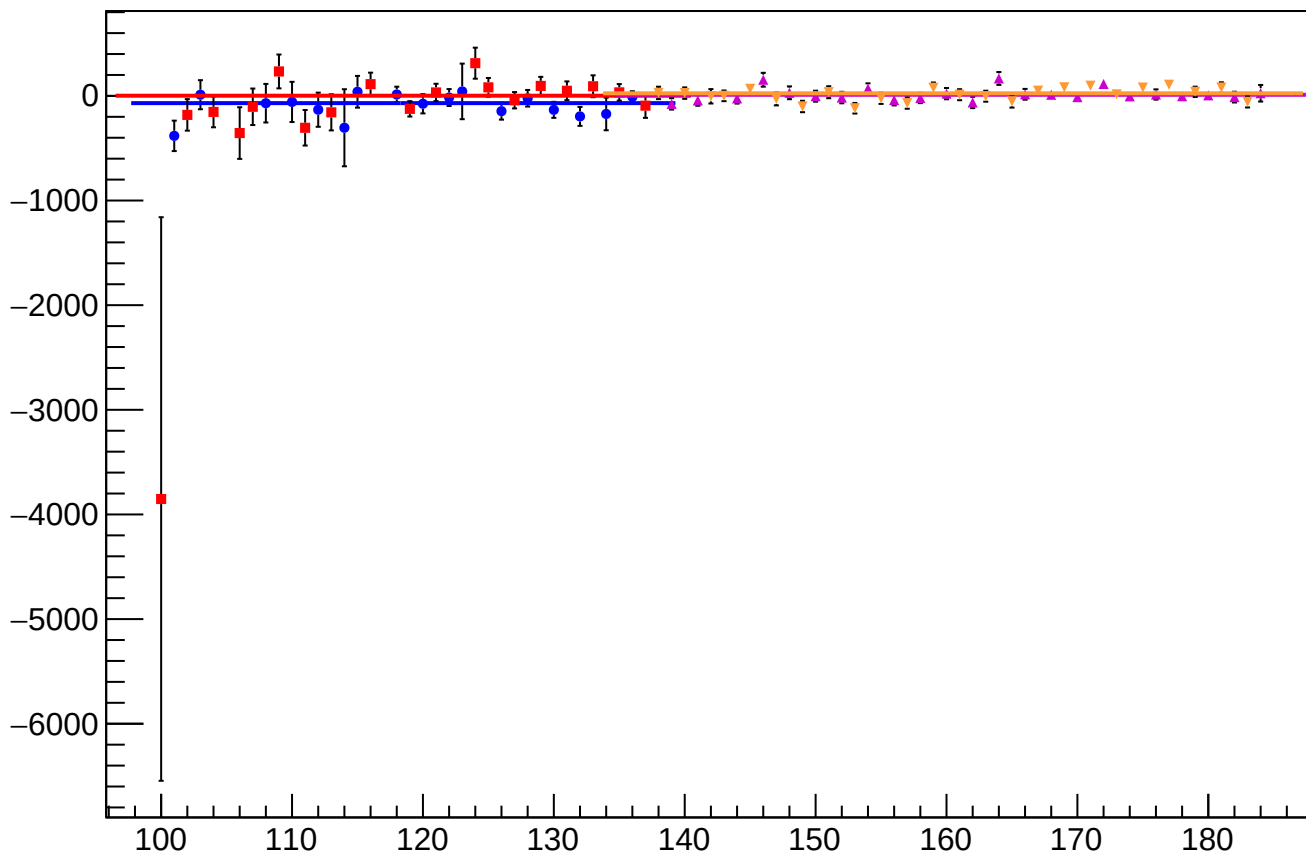
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 336.396+/-0.058 χ^2/NDF :1269587.6/22

Out: 339.578+/-0.058 χ^2/NDF :1571682.0/23

All: 337.994+/-0.041 χ^2/NDF : 2842784.5/46

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 24.814 ± 10.091 χ^2/NDF : 37.2/23

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 10.652 ± 10.428 χ^2/NDF : 27.8/22

Left: 17.966 ± 7.251 χ^2/NDF : 66.0/46

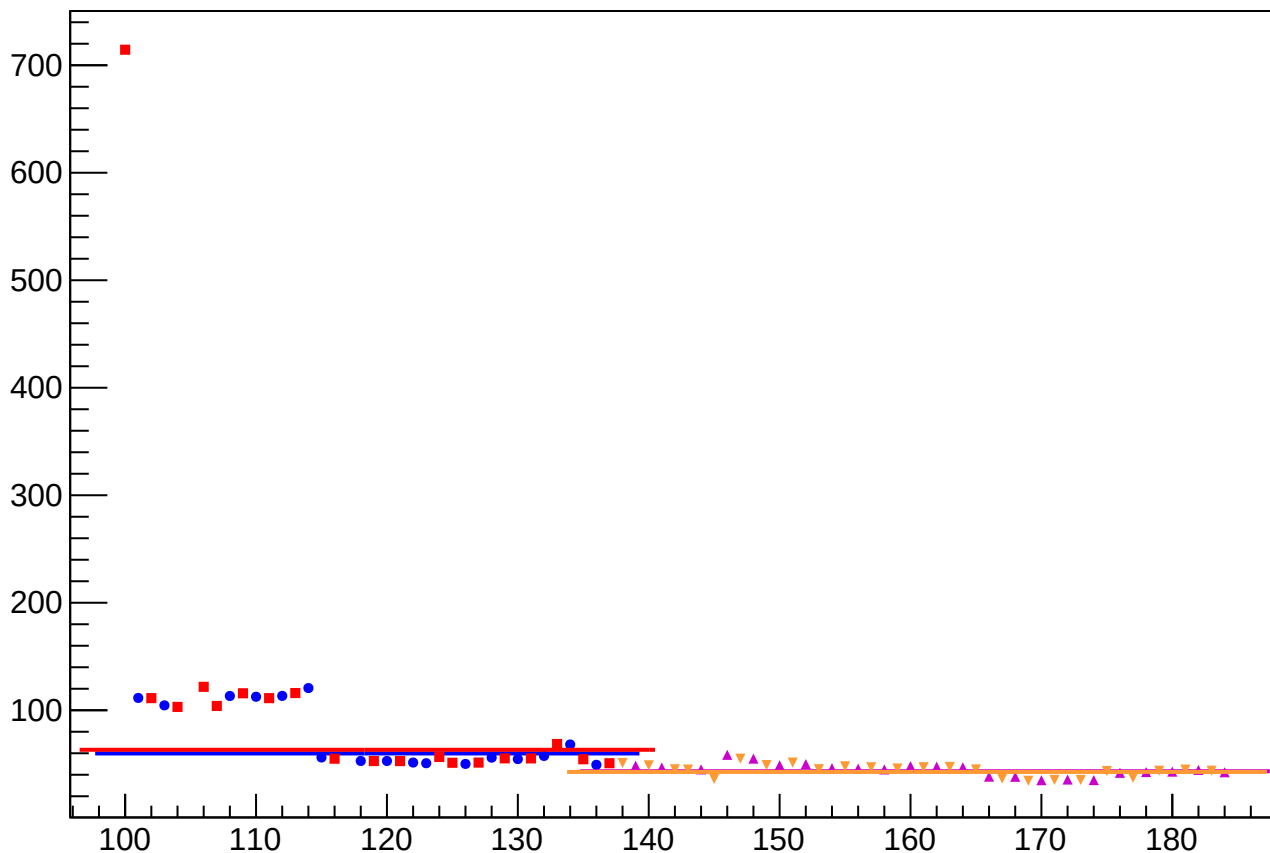
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -1.799 ± 9.580 χ^2/NDF : 50.4/39

Out: 21.623 ± 9.367 χ^2/NDF : 63.8/42

All: 10.176 ± 6.698 χ^2/NDF : 117.2/82

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 42.635 $\pm$ 0.007 χ^2 /NDF: 662667.9/23

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 43.291 $\pm$ 0.007 χ^2 /NDF: 617612.6/22

Left: 42.952 $\pm$ 0.005 χ^2 /NDF: 1284364.4/46

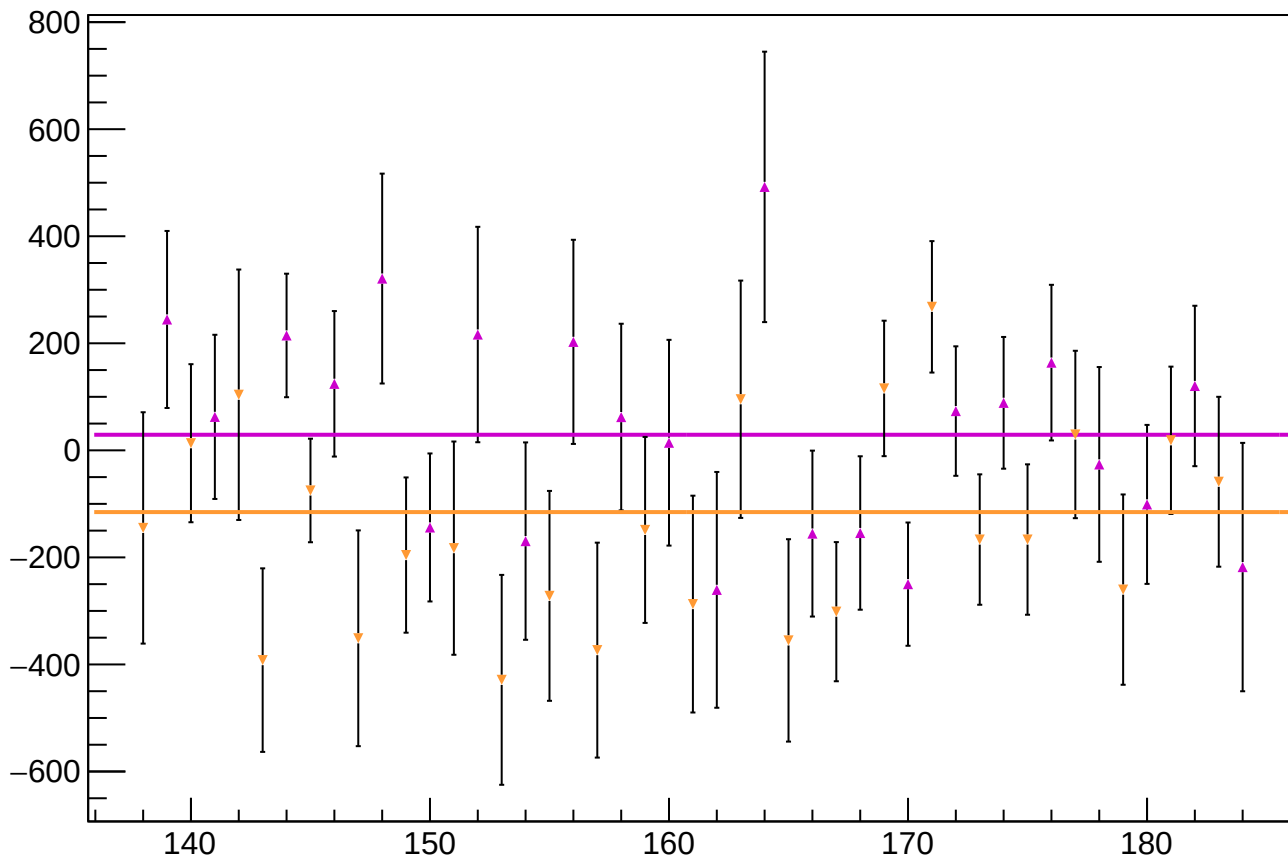
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 45.867 $\pm$ 0.007 χ^2 /NDF: 2630187.5/39

Out: 45.482 $\pm$ 0.007 χ^2 /NDF: 3318488.7/42

All: 45.670 $\pm$ 0.005 χ^2 /NDF: 5950319.7/82

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -115.349+/-31.984 χ^2/NDF :32.4/23

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

Left In: 29.116+/-32.434 χ^2/NDF :29.1/22

Left: -44.125+/-22.774 χ^2/NDF : 71.6/46

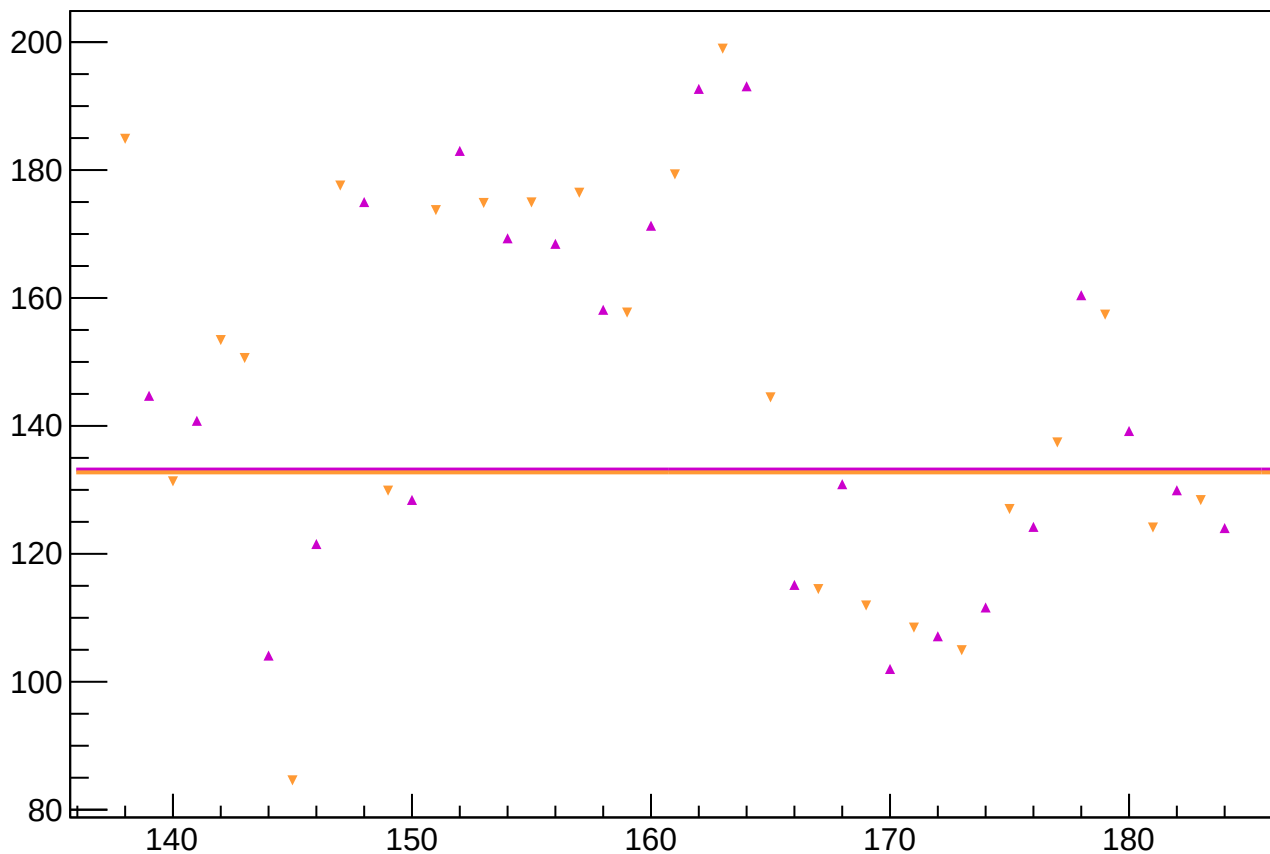
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.116+/-32.434 χ^2/NDF :29.1/22

Out: -115.349+/-31.984 χ^2/NDF :32.4/23

All: -44.125+/-22.774 χ^2/NDF : 71.6/46

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 132.738+/-0.023 χ^2/NDF :1775908.7/23

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

Left In: 133.174+/-0.023 χ^2/NDF :1284125.1/22

Left: 132.953+/-0.016 χ^2/NDF : 3060217.5/46

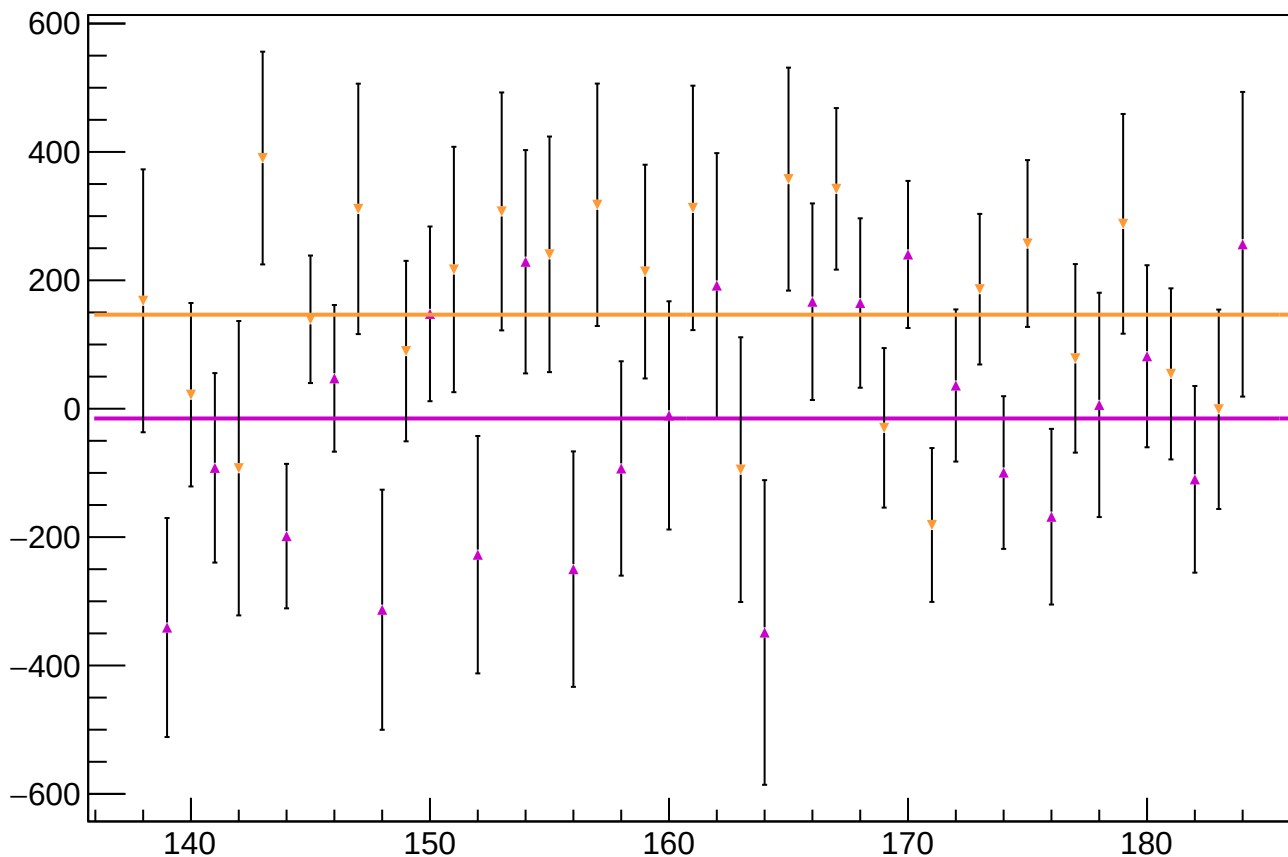
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.174+/-0.023 χ^2/NDF :1284125.1/22

Out: 132.738+/-0.023 χ^2/NDF :1775908.7/23

All: 132.953+/-0.016 χ^2/NDF : 3060217.5/46

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 146.476 $\pm$ 30.878 χ^2 /NDF:25.7/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -15.199 $\pm$ 31.033 χ^2 /NDF:31.4/22

Left: 66.043 $\pm$ 21.889 χ^2 /NDF: 70.7/46

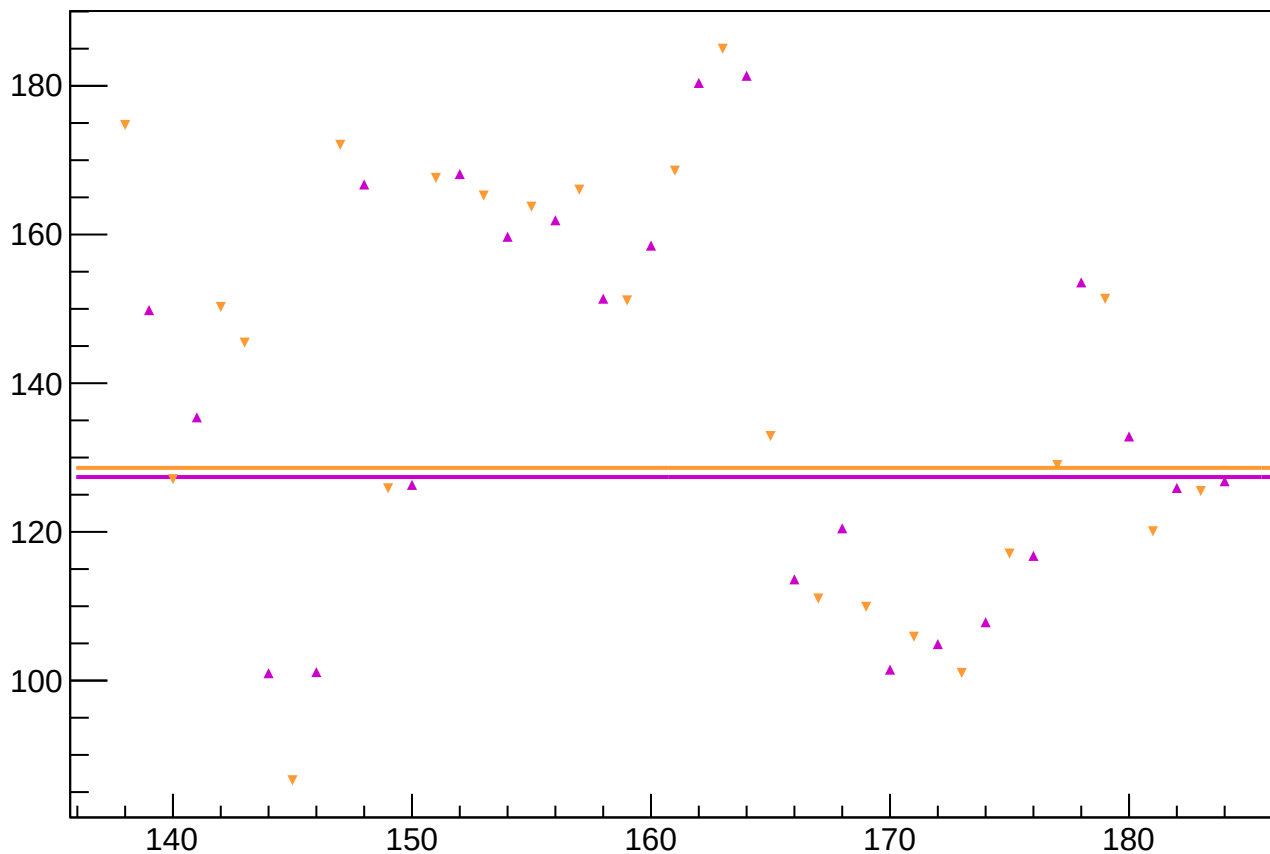
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.199 $\pm$ 31.033 χ^2 /NDF:31.4/22

Out: 146.476 $\pm$ 30.878 χ^2 /NDF:25.7/23

All: 66.043 $\pm$ 21.889 χ^2 /NDF: 70.7/46

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 128.611+/-0.022 χ^2/NDF :1513790.0/23

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

Left In: 127.380+/-0.022 χ^2/NDF :1229899.0/22

Left: 127.998+/-0.015 χ^2/NDF : 2745271.1/46

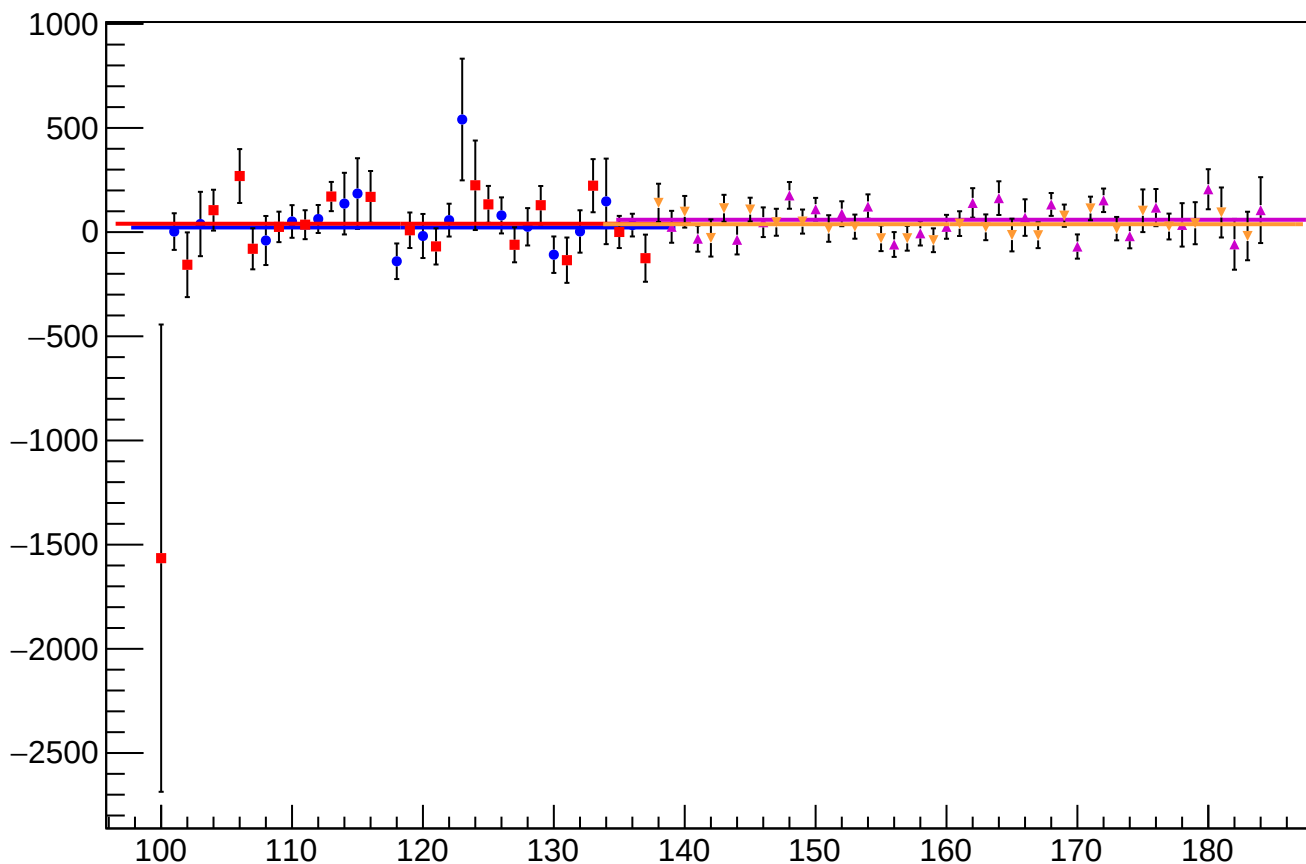
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.380+/-0.022 χ^2/NDF :1229899.0/22

Out: 128.611+/-0.022 χ^2/NDF :1513790.0/23

All: 127.998+/-0.015 χ^2/NDF : 2745271.1/46

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 38.002 $\pm$ 13.546 χ^2 /NDF:14.5/23

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 59.288 $\pm$ 14.130 χ^2 /NDF:33.4/22

Left: 48.196 $\pm$ 9.779 χ^2 /NDF: 49.1/46

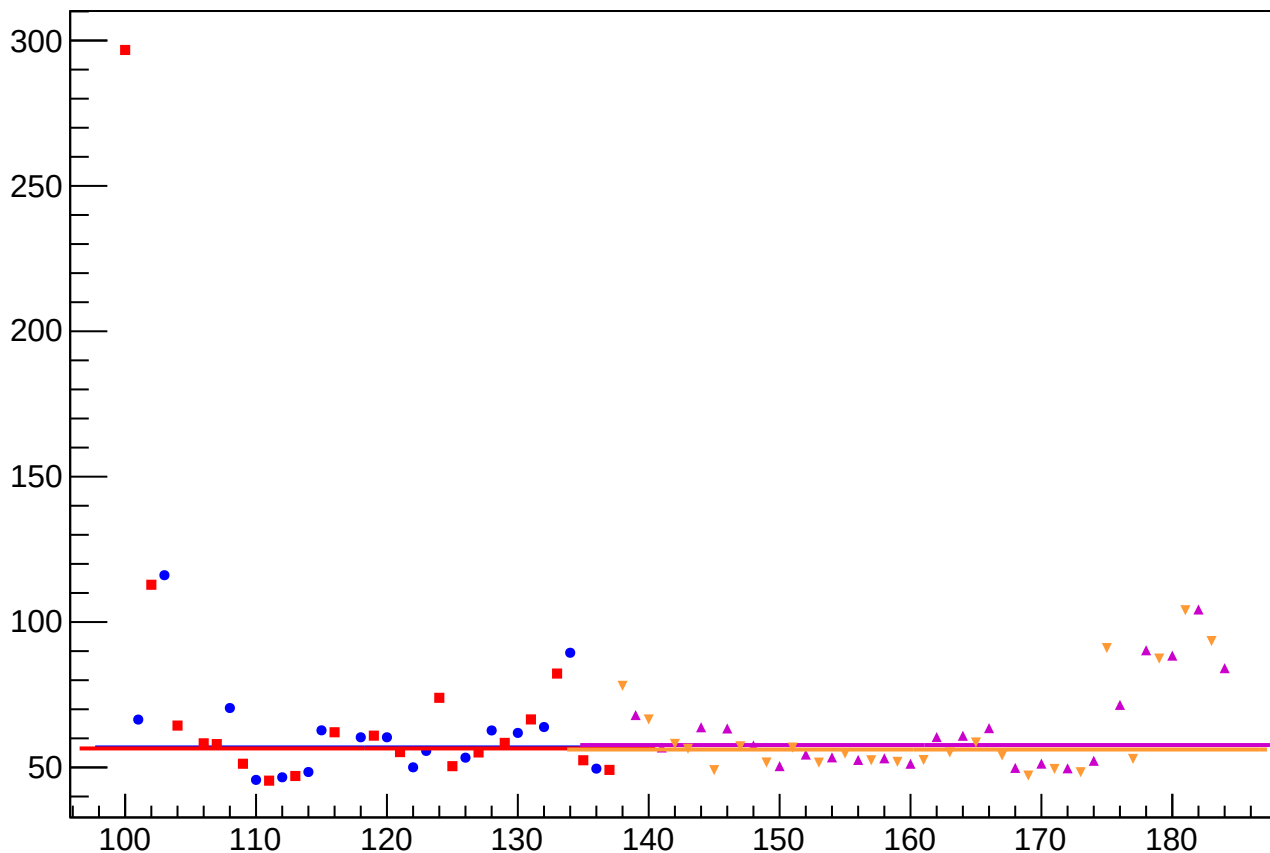
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 48.927 $\pm$ 11.985 χ^2 /NDF:47.9/39

Out: 38.612 $\pm$ 11.554 χ^2 /NDF:40.8/42

All: 43.581 $\pm$ 8.318 χ^2 /NDF: 89.0/82

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879+/-0.016 χ^2/NDF : 575487.1/16

Left Out: 56.160+/-0.010 χ^2/NDF : 1316070.1/23

Right Out: 56.528+/-0.016 χ^2/NDF : 612273.7/18

Left In: 57.698+/-0.010 χ^2/NDF : 1102960.9/22

Left: 56.897+/-0.007 χ^2/NDF : 2431375.8/46

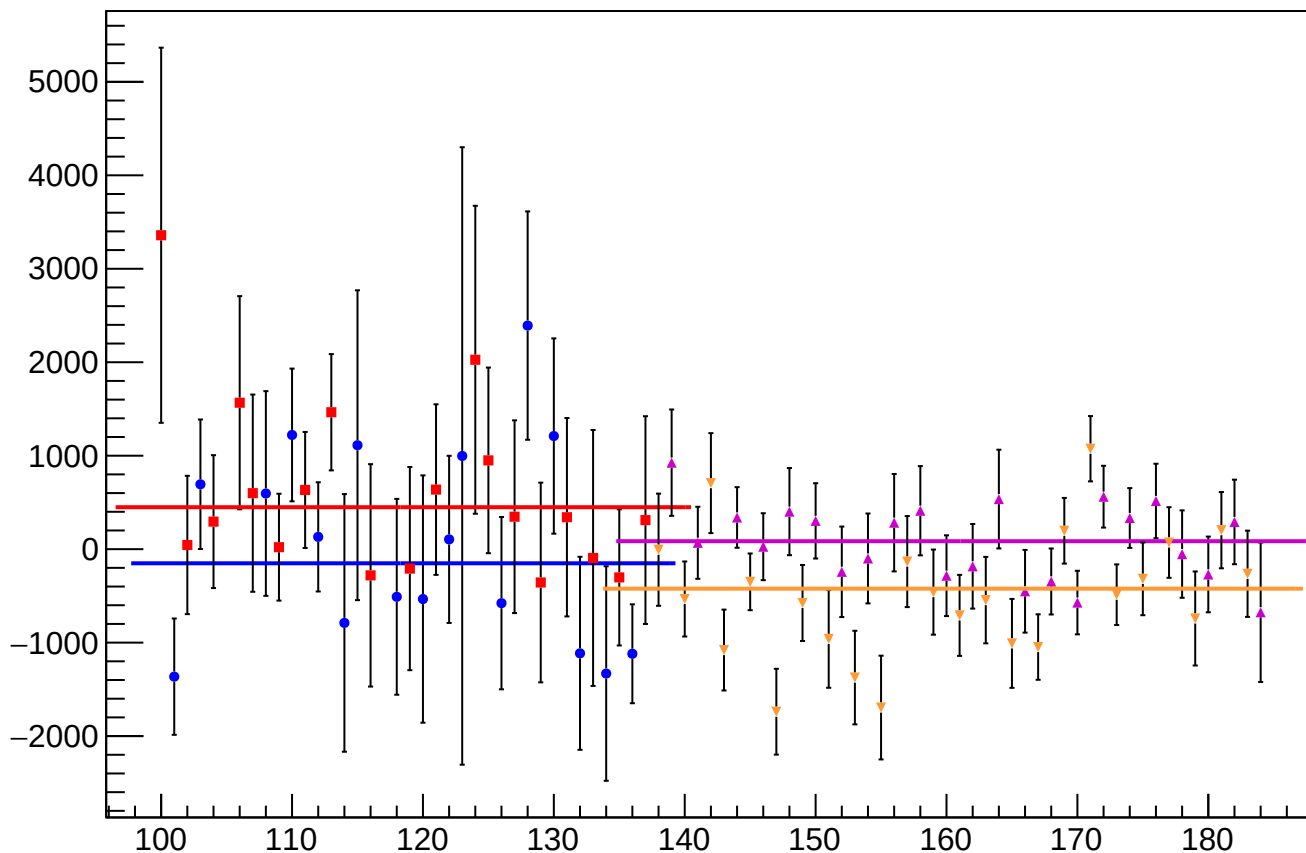
Right: 56.699+/-0.011 χ^2/NDF : 1188006.9/35

In: 57.468+/-0.008 χ^2/NDF : 1680336.1/39

Out: 56.261+/-0.008 χ^2/NDF : 1928744.2/42

All: 56.842+/-0.006 χ^2/NDF : 3619608.7/82

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: -422.670 $\pm$ 85.734 χ^2 /NDF: 57.4/23

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 85.183 $\pm$ 86.793 χ^2 /NDF: 19.2/22

Left: -171.858 $\pm$ 60.994 χ^2 /NDF: 94.0/46

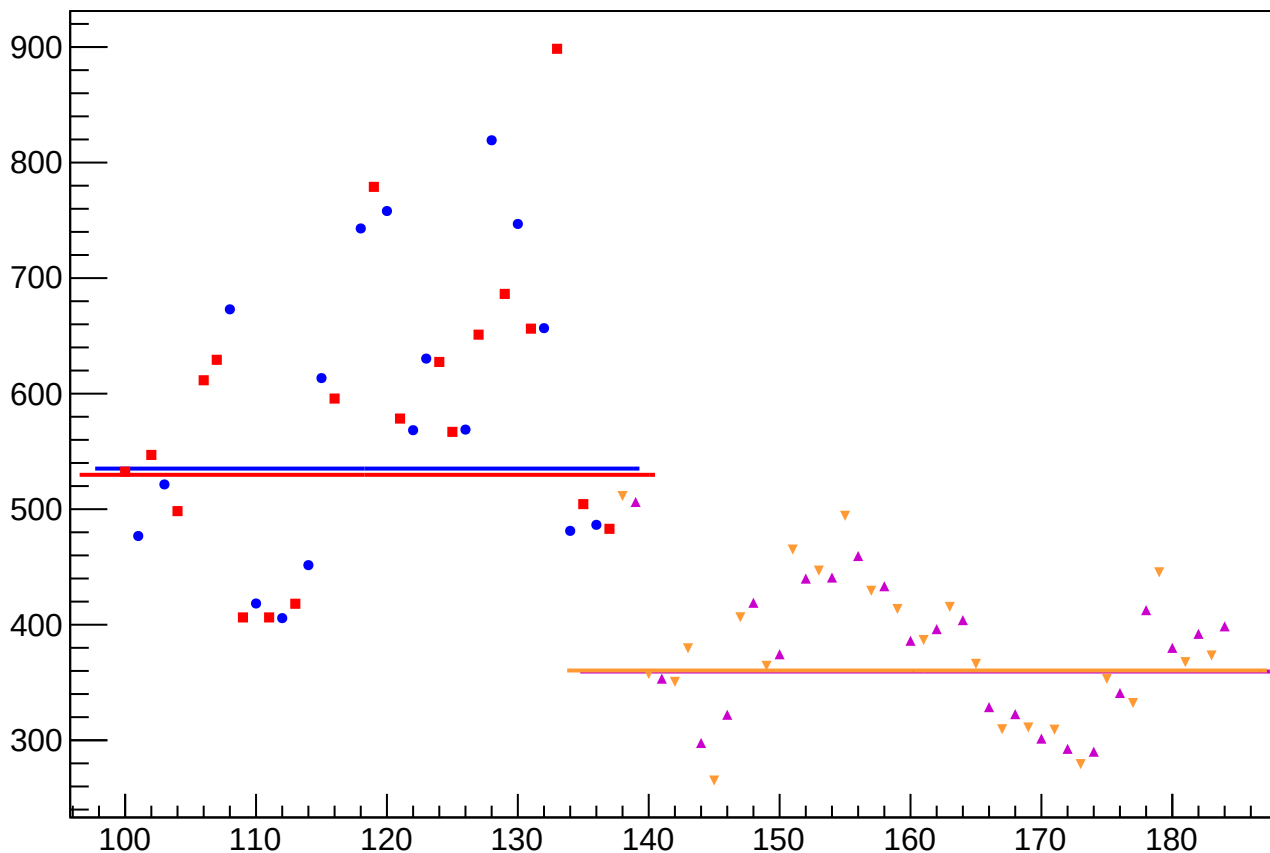
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 51.374 $\pm$ 80.346 χ^2 /NDF: 42.7/39

Out: -291.832 $\pm$ 79.038 χ^2 /NDF: 83.4/42

All: -123.046 $\pm$ 56.345 χ^2 /NDF: 135.4/82

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 360.380+/-0.061 χ^2/NDF : 1029078.6/23

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 359.485+/-0.061 χ^2/NDF : 849465.2/22

Left: 359.938+/-0.043 χ^2/NDF : 1878651.6/46

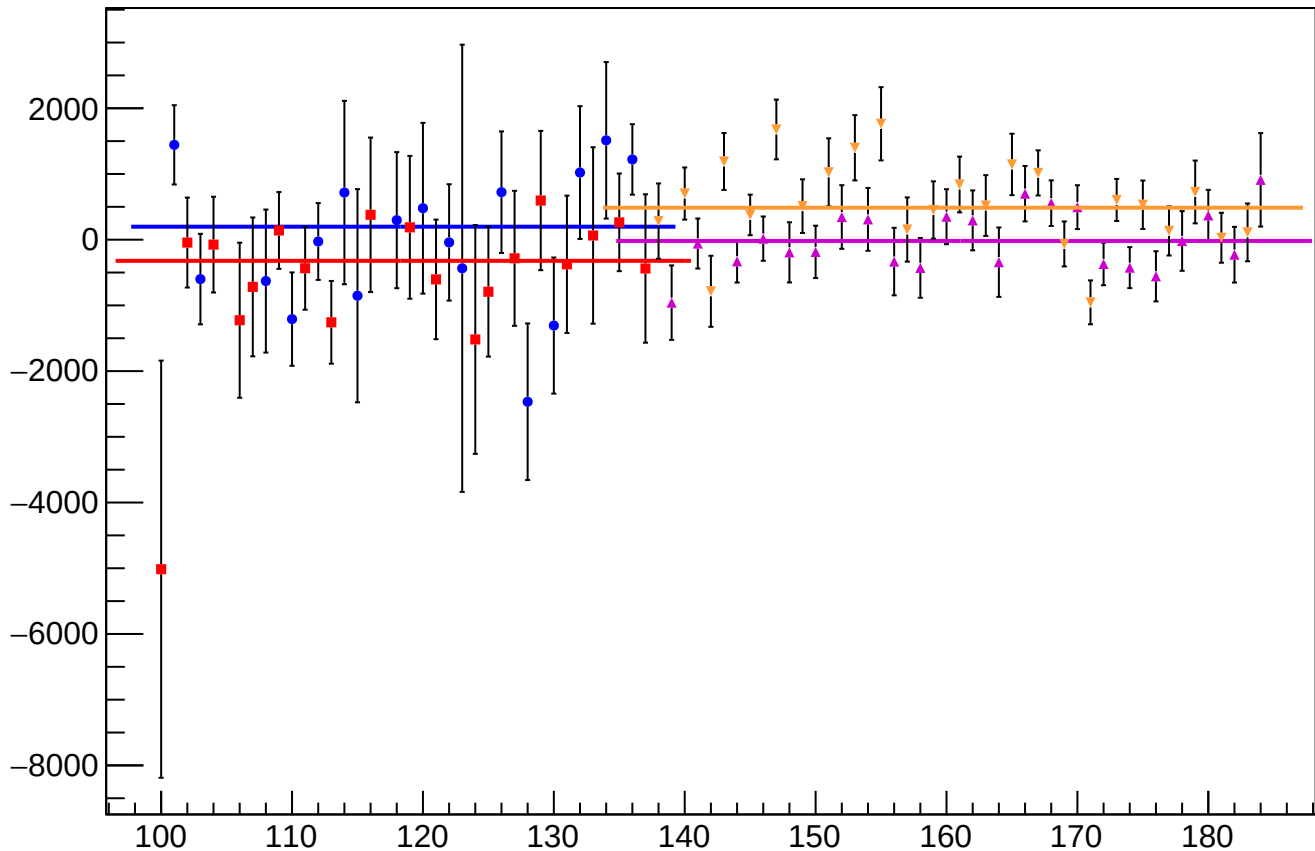
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 384.608+/-0.057 χ^2/NDF : 2617210.5/39

Out: 385.804+/-0.056 χ^2/NDF : 2847462.5/42

All: 385.216+/-0.040 χ^2/NDF : 5464898.2/82

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 486.787 $\pm$ 84.065 χ^2 /NDF:55.5/23

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -19.328 $\pm$ 84.679 χ^2 /NDF:23.7/22

Left: 235.572 $\pm$ 59.659 χ^2 /NDF: 97.2/46

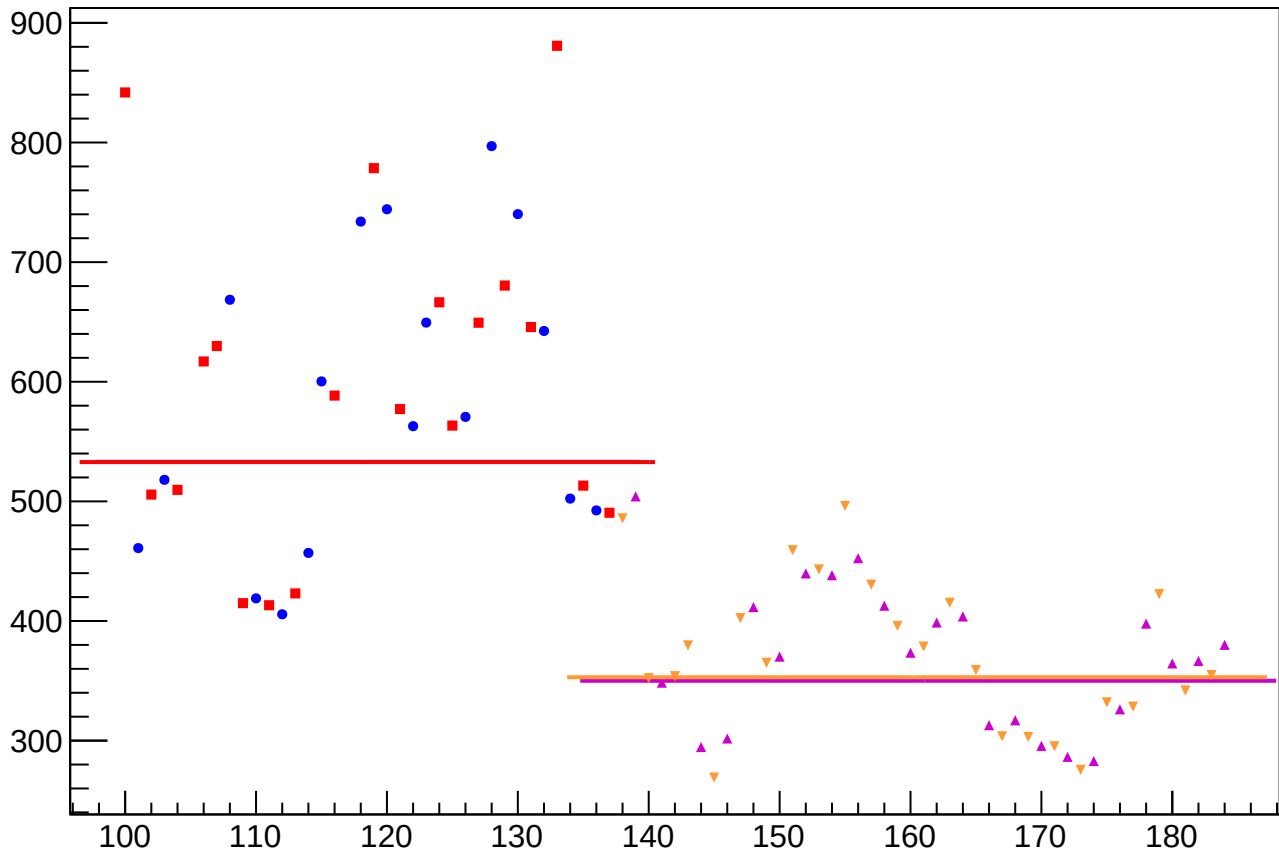
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 10.641 $\pm$ 78.612 χ^2 /NDF:48.5/39

Out: 370.683 $\pm$ 77.794 χ^2 /NDF:77.7/42

All: 192.544 $\pm$ 55.295 χ^2 /NDF: 136.8/82

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 352.983+/-0.059 χ^2/NDF : 1003504.1/23

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 350.037+/-0.060 χ^2/NDF : 889435.7/22

Left: 351.521+/-0.042 χ^2/NDF : 1894158.7/46

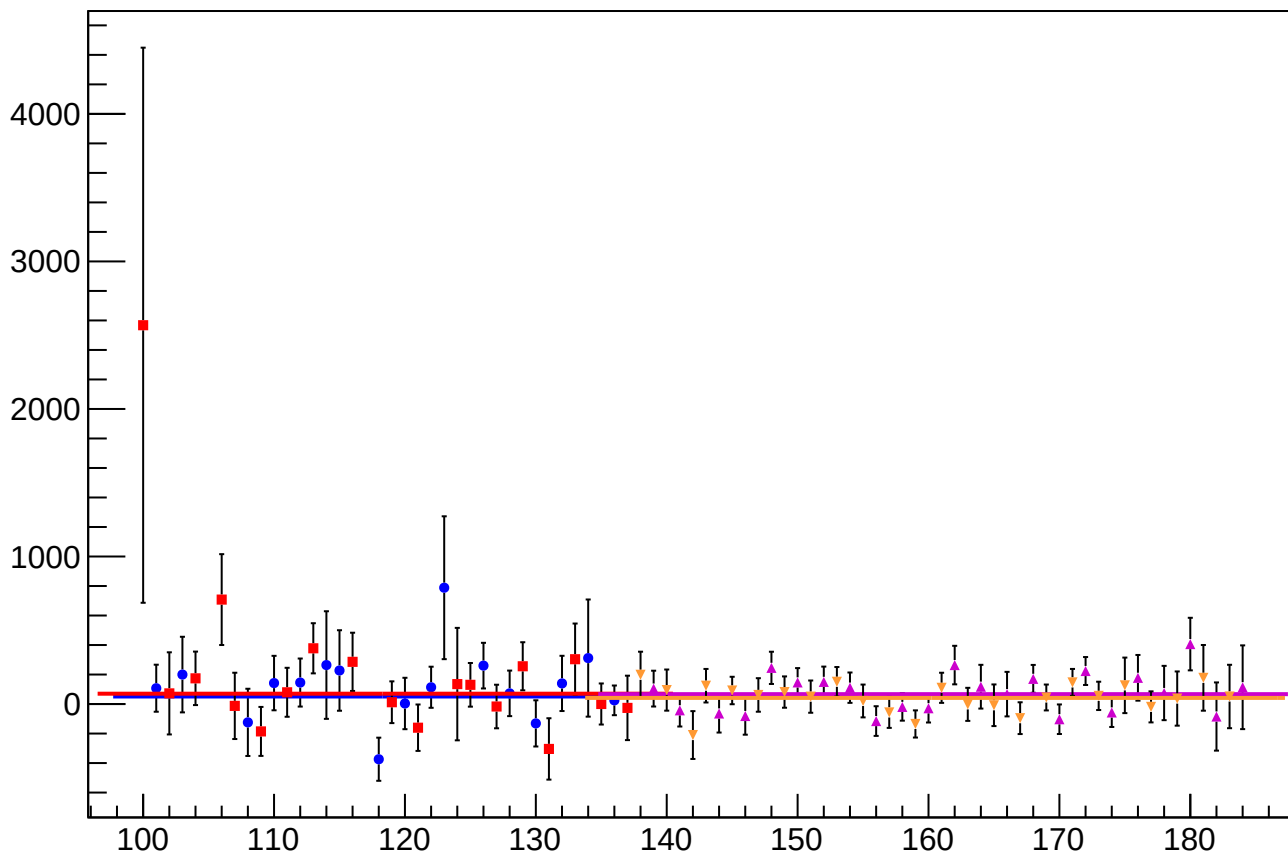
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 375.323+/-0.056 χ^2/NDF : 2746868.6/39

Out: 378.818+/-0.055 χ^2/NDF : 2935625.9/42

All: 377.089+/-0.039 χ^2/NDF : 5684492.1/82

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 41.526+/-23.418 χ^2/NDF : 15.0/23

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 67.000+/-24.395 χ^2/NDF : 28.2/22

Left: 53.743+/-16.894 χ^2/NDF : 43.7/46

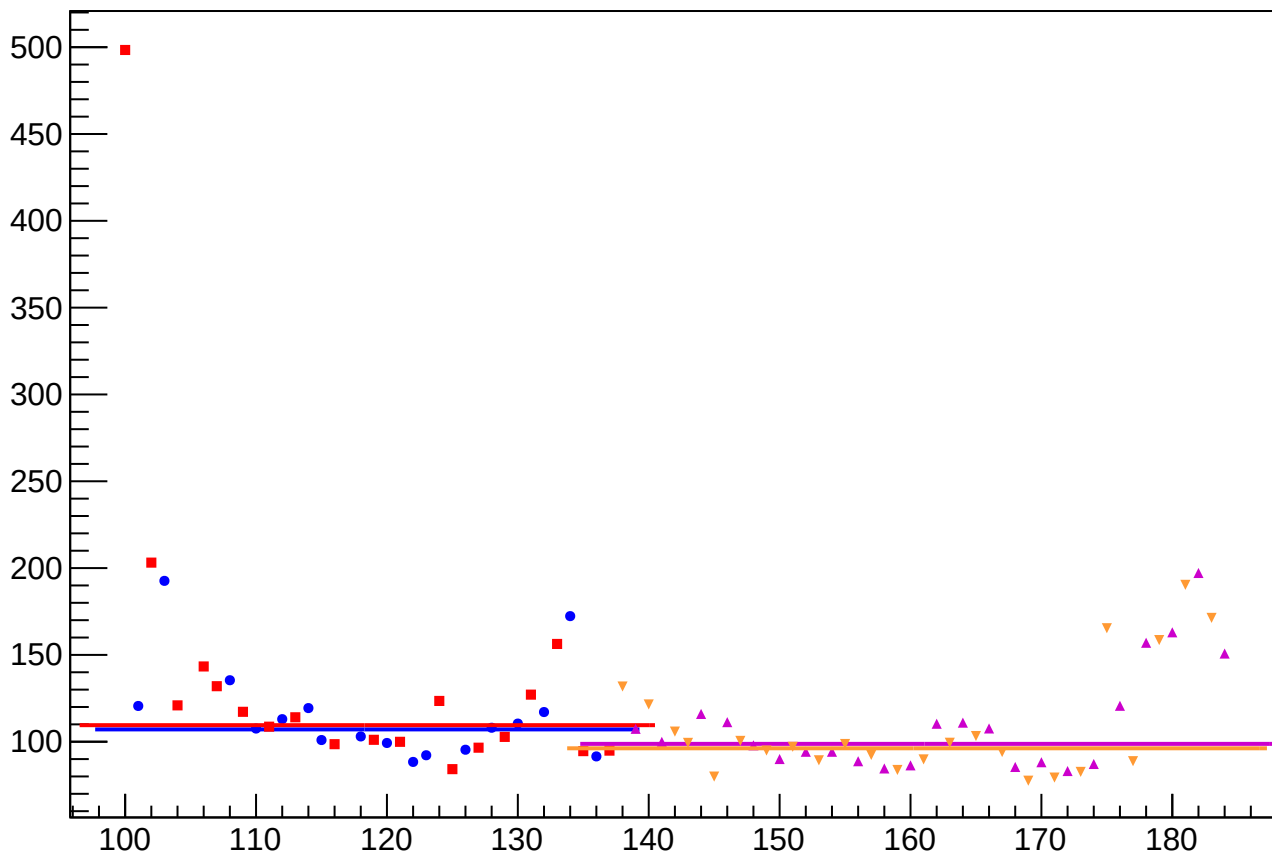
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 63.064+/-21.147 χ^2/NDF : 45.7/39

Out: 48.105+/-20.543 χ^2/NDF : 37.4/42

All: 55.368+/-14.735 χ^2/NDF : 83.4/82

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2/NDF : 437755.4/16

Left Out: 96.213 $\pm$ 0.017 χ^2/NDF : 1618259.5/23

Right Out: 109.530 $\pm$ 0.030 χ^2/NDF : 591522.9/18

Left In: 98.763 $\pm$ 0.017 χ^2/NDF : 1299339.3/22

Left: 97.436 $\pm$ 0.012 χ^2/NDF : 2928969.3/46

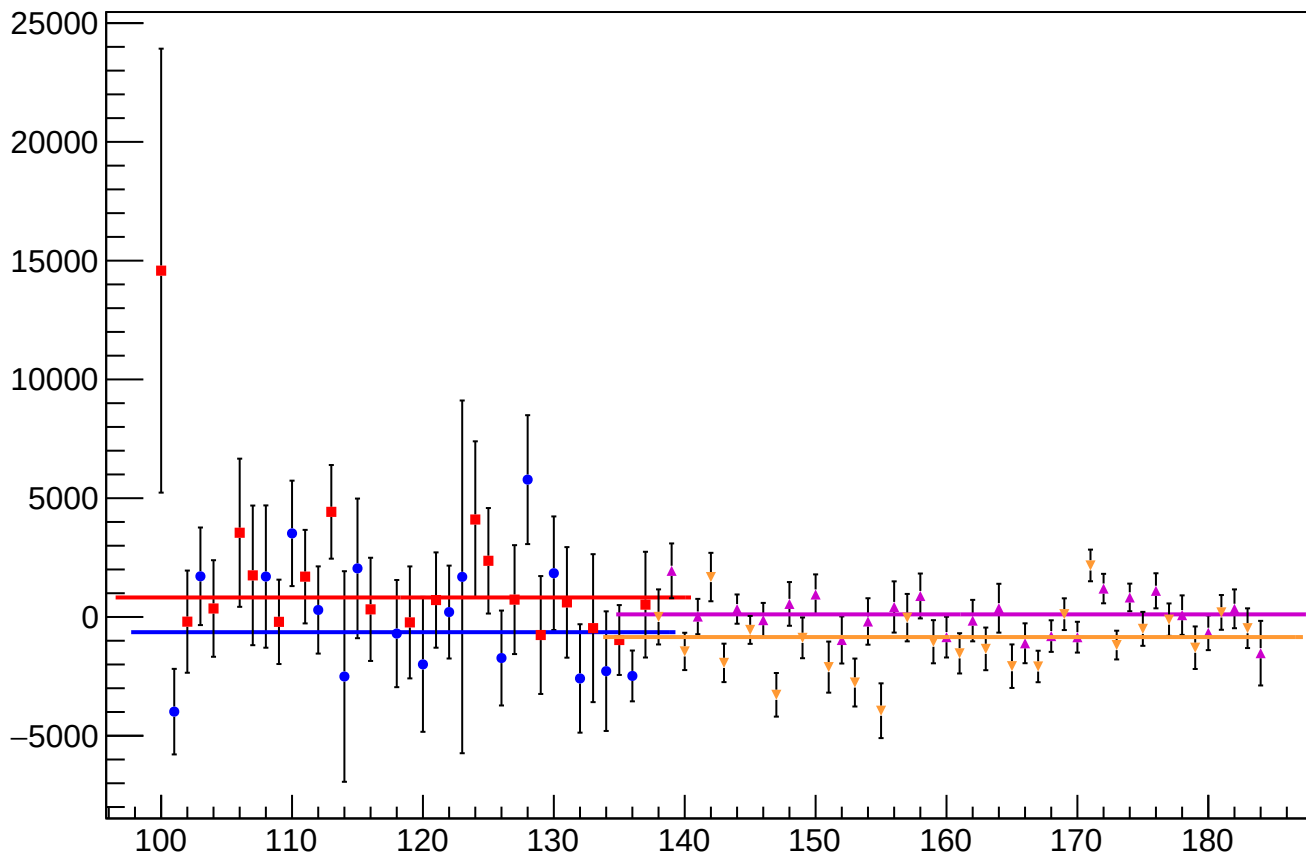
Right: 108.301 $\pm$ 0.021 χ^2/NDF : 1032549.7/35

In: 100.834 $\pm$ 0.015 χ^2/NDF : 1795065.0/39

Out: 99.283 $\pm$ 0.015 χ^2/NDF : 2358837.5/42

All: 100.036 $\pm$ 0.010 χ^2/NDF : 4159440.2/82

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -845.643 $\pm$ 164.170 χ^2 /NDF:62.3/23

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 109.724 $\pm$ 166.318 χ^2 /NDF:22.6/22

Left: -374.168 $\pm$ 116.838 χ^2 /NDF: 101.6/46

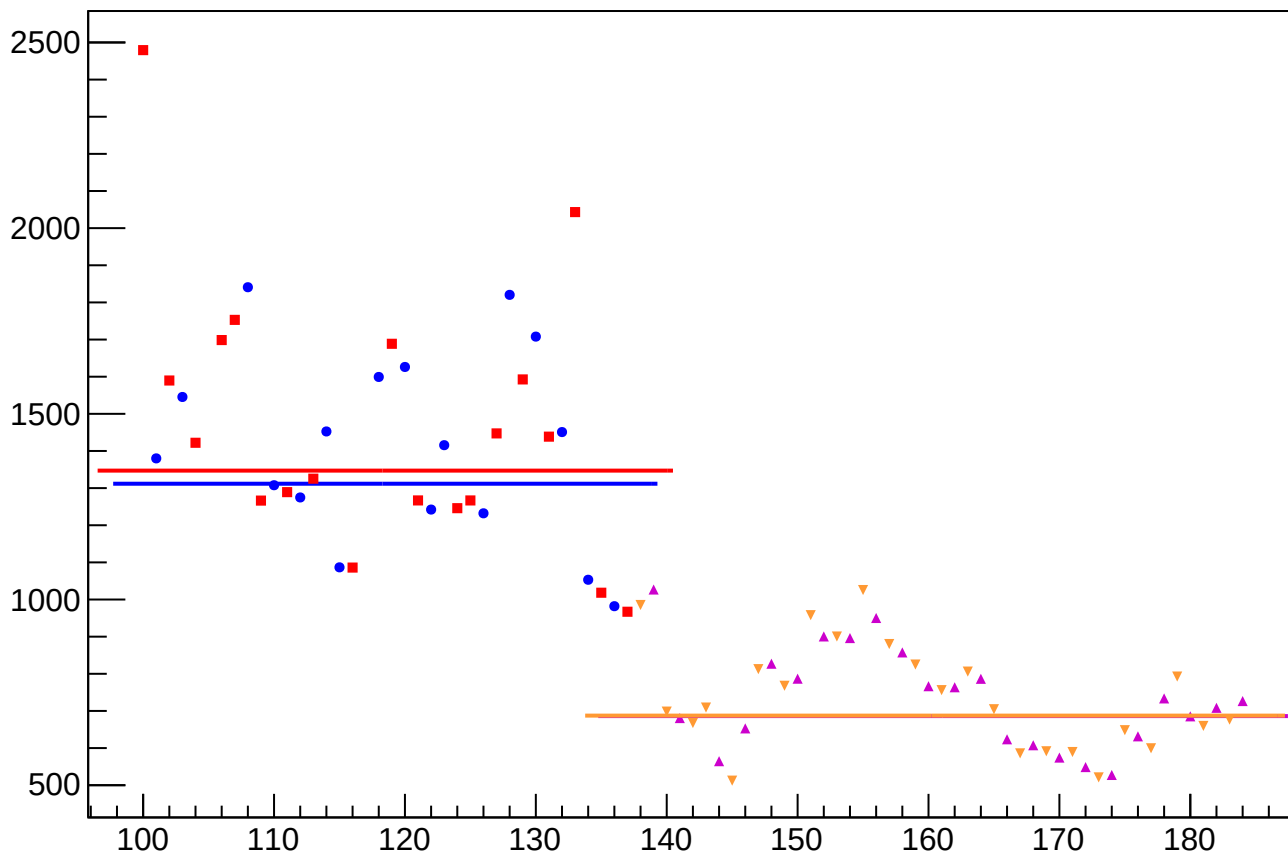
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 39.977 $\pm$ 158.391 χ^2 /NDF:46.3/39

Out: -692.219 $\pm$ 156.434 χ^2 /NDF:82.7/42

All: -330.674 $\pm$ 111.301 χ^2 /NDF: 139.8/82

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 687.404+/-0.116 χ^2/NDF : 1277077.8/23

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 686.116+/-0.118 χ^2/NDF : 1122124.7/22

Left: 686.768+/-0.083 χ^2/NDF : 2399263.2/46

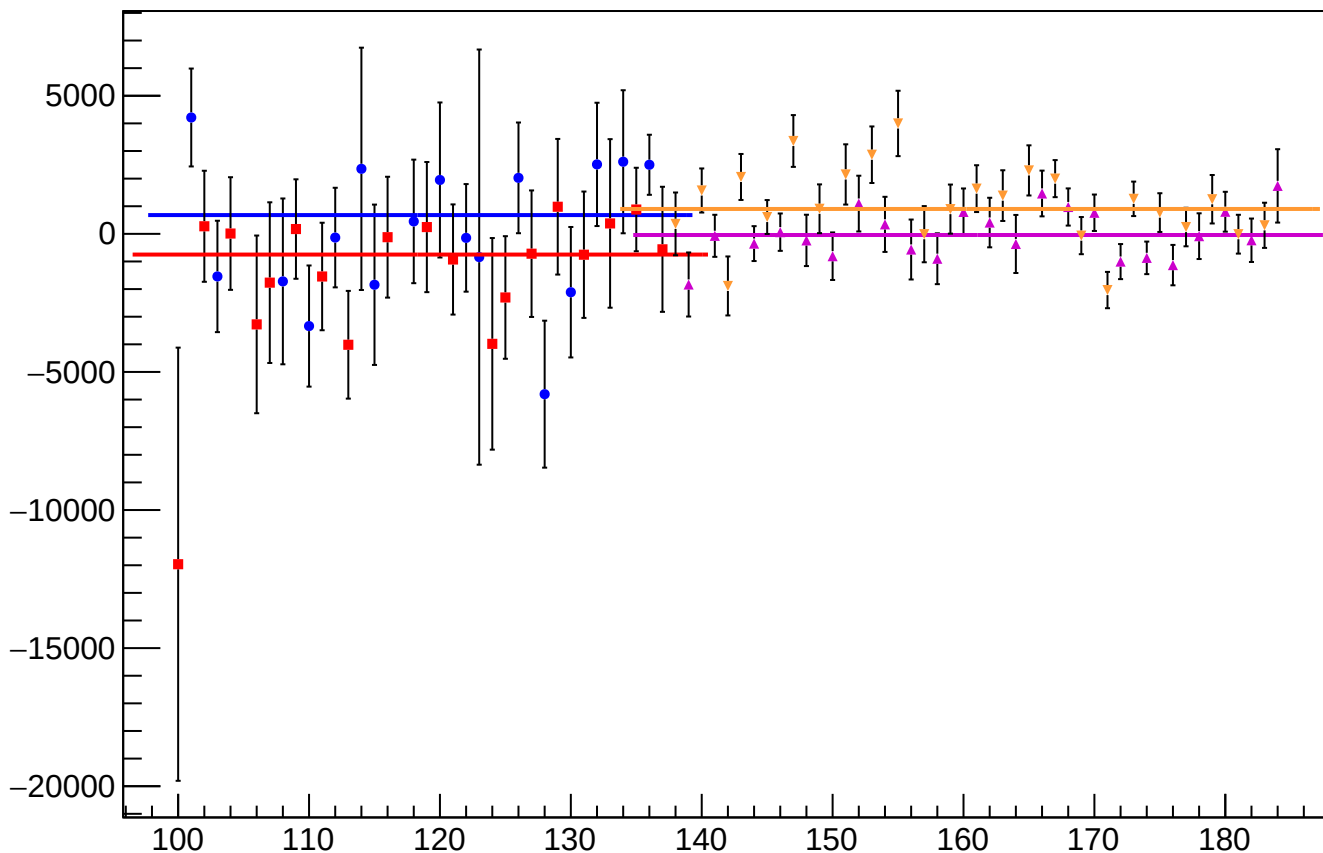
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 744.335+/-0.112 χ^2/NDF : 4268503.1/39

Out: 748.117+/-0.111 χ^2/NDF : 4739753.8/42

All: 746.249+/-0.079 χ^2/NDF : 9008834.0/82

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 901.336 $\pm$ 165.548 χ^2 /NDF:61.1/23

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -41.522 $\pm$ 166.728 χ^2 /NDF:24.1/22

Left: 433.255 $\pm$ 117.475 χ^2 /NDF: 101.4/46

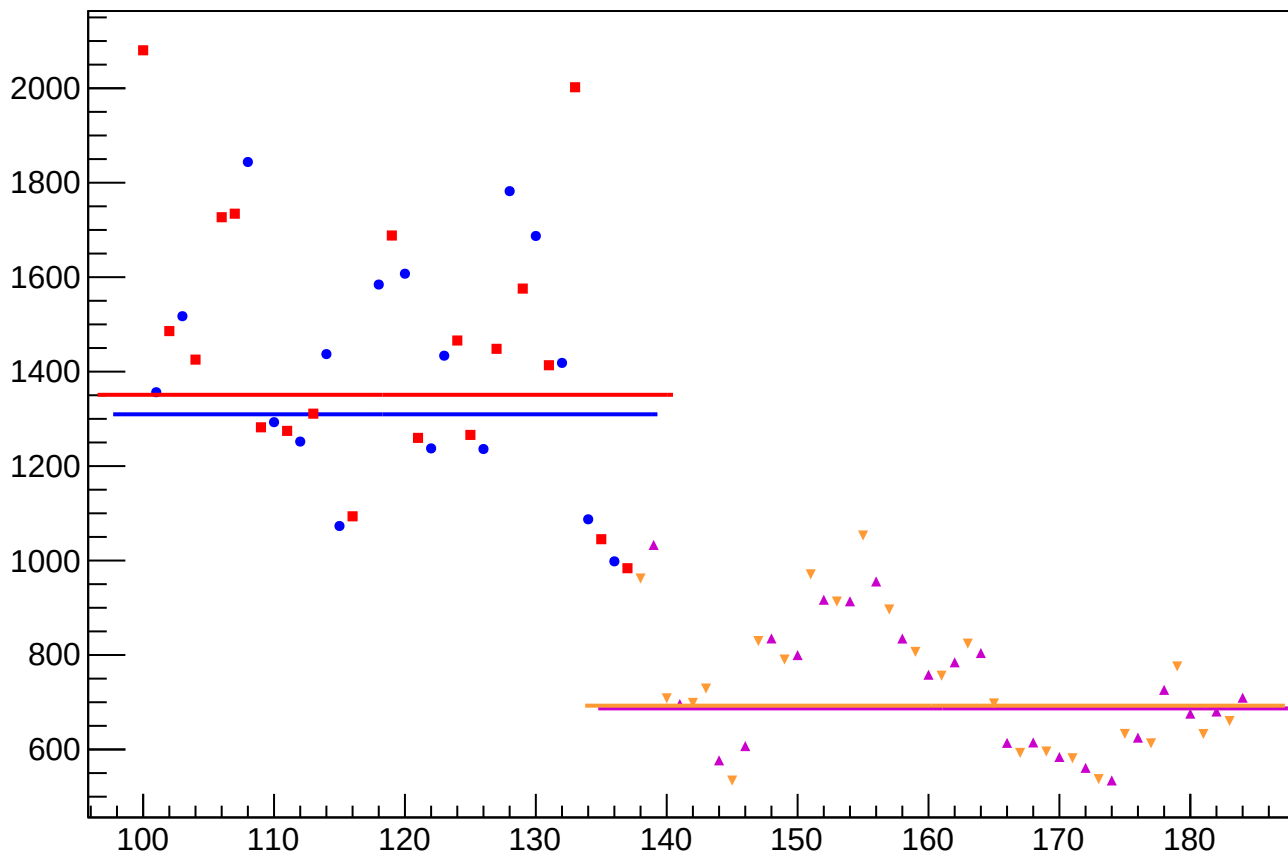
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 26.320 $\pm$ 158.695 χ^2 /NDF:48.4/39

Out: 747.358 $\pm$ 157.639 χ^2 /NDF:80.1/42

All: 389.245 $\pm$ 111.839 χ^2 /NDF: 138.9/82

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 692.752+/-0.117 χ^2/NDF : 1234649.1/23

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 686.944+/-0.118 χ^2/NDF : 1116042.4/22

Left: 689.869+/-0.083 χ^2/NDF : 2351913.9/46

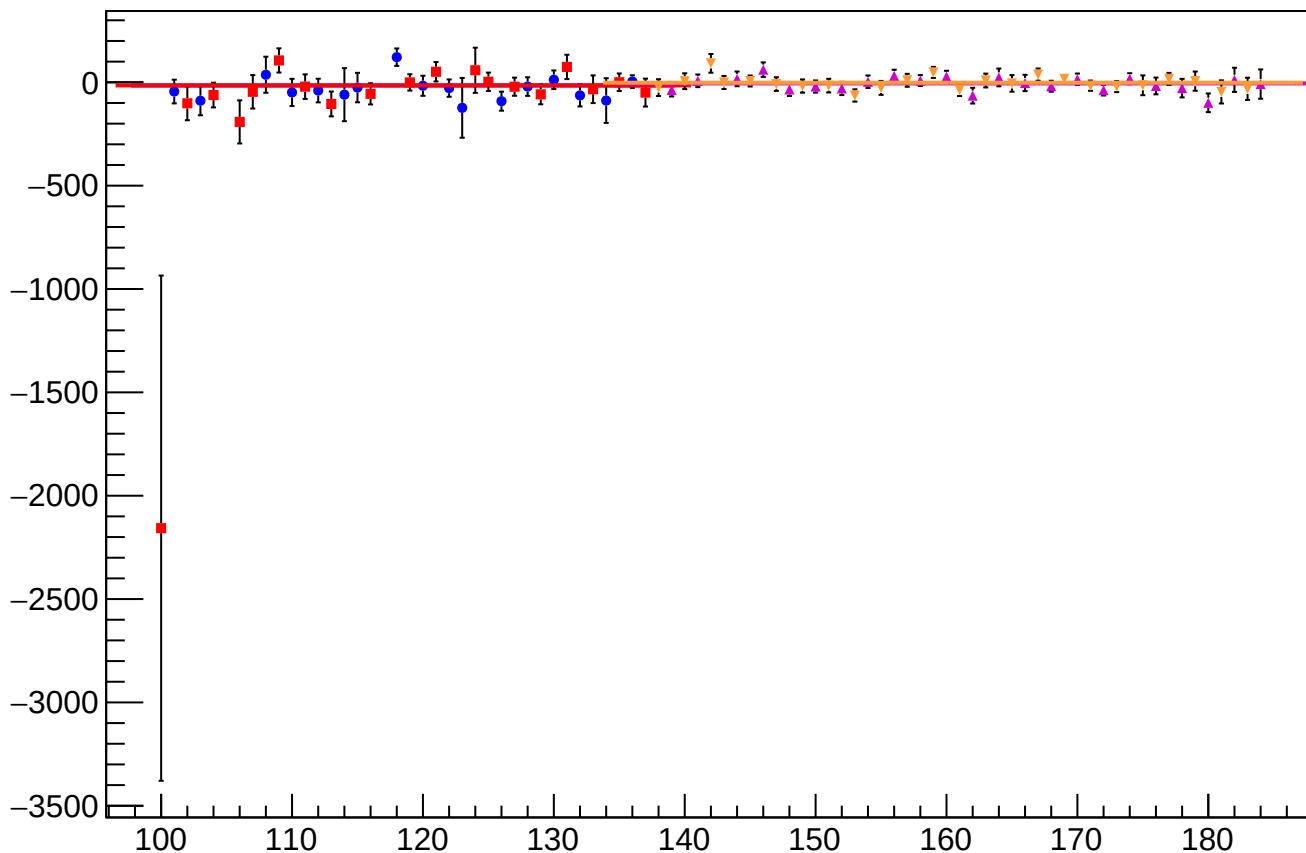
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 745.501+/-0.112 χ^2/NDF : 4198847.6/39

Out: 754.135+/-0.111 χ^2/NDF : 4605745.1/42

All: 749.847+/-0.079 χ^2/NDF : 8807573.0/82

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -2.044 ± 6.638 χ^2/NDF : 19.8/23

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -5.397 ± 6.854 χ^2/NDF : 20.8/22

Left: -3.667 ± 4.768 χ^2/NDF : 40.7/46

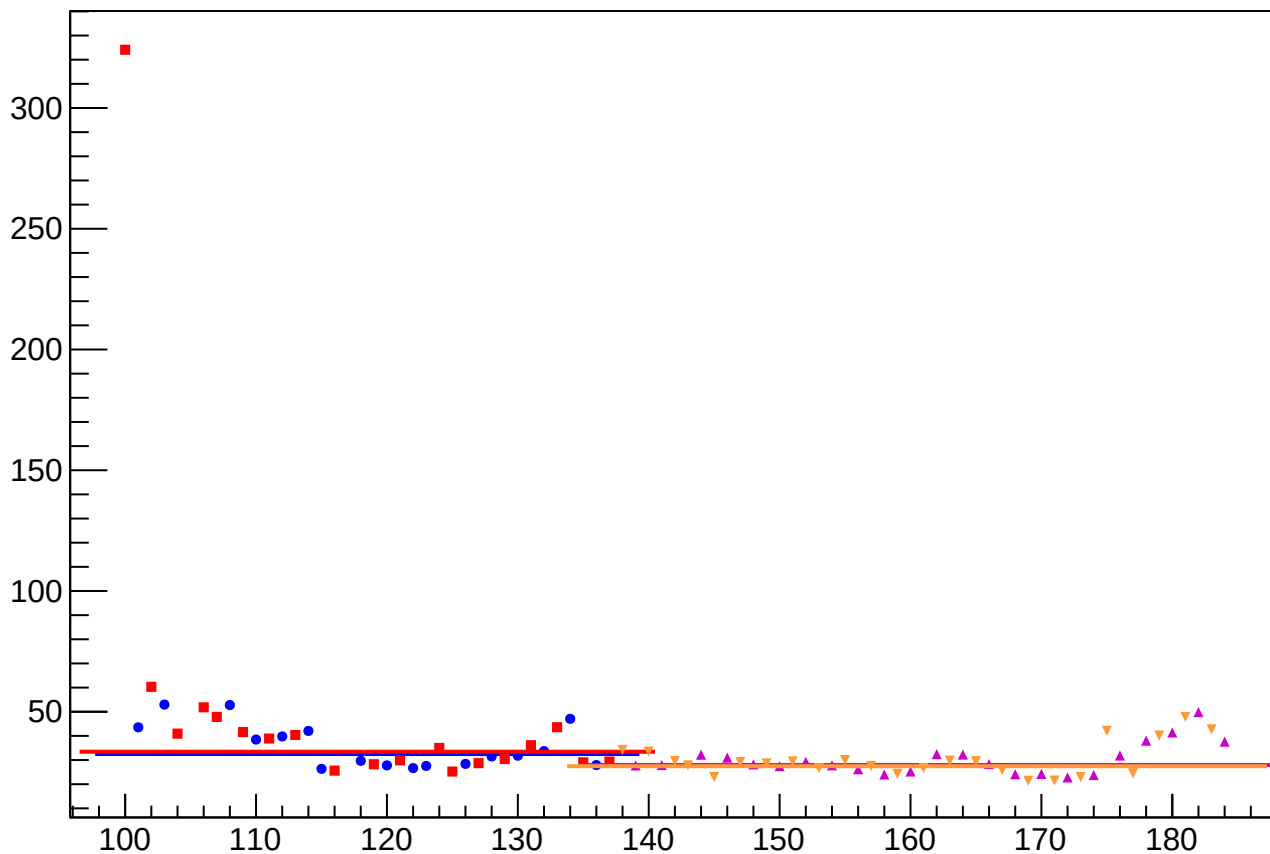
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -7.571 ± 6.053 χ^2/NDF : 39.5/39

Out: -4.710 ± 5.921 χ^2/NDF : 41.8/42

All: -6.109 ± 4.233 χ^2/NDF : 81.5/82

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 27.444 $\pm$ 0.005 χ^2 /NDF: 1325331.9/23

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 27.930 $\pm$ 0.005 χ^2 /NDF: 985659.8/22

Left: 27.679 $\pm$ 0.003 χ^2 /NDF: 2316193.8/46

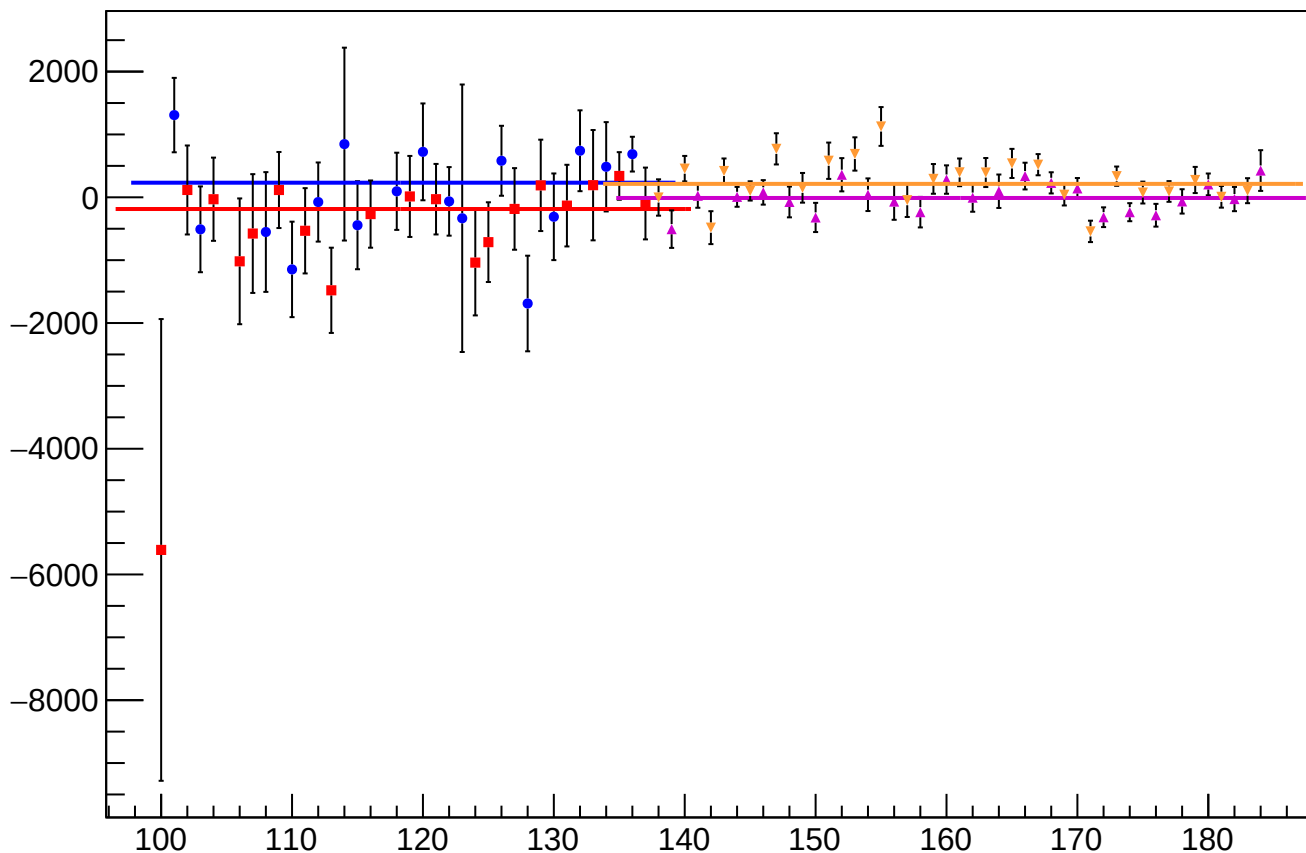
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 28.933 $\pm$ 0.004 χ^2 /NDF: 1774757.3/39

Out: 28.670 $\pm$ 0.004 χ^2 /NDF: 2497724.0/42

All: 28.799 $\pm$ 0.003 χ^2 /NDF: 4274406.5/82

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 213.564 $\pm$ 41.586 χ^2 /NDF:61.3/23

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -10.639 $\pm$ 42.196 χ^2 /NDF:27.2/22

Left: 103.094 $\pm$ 29.619 χ^2 /NDF: 102.9/46

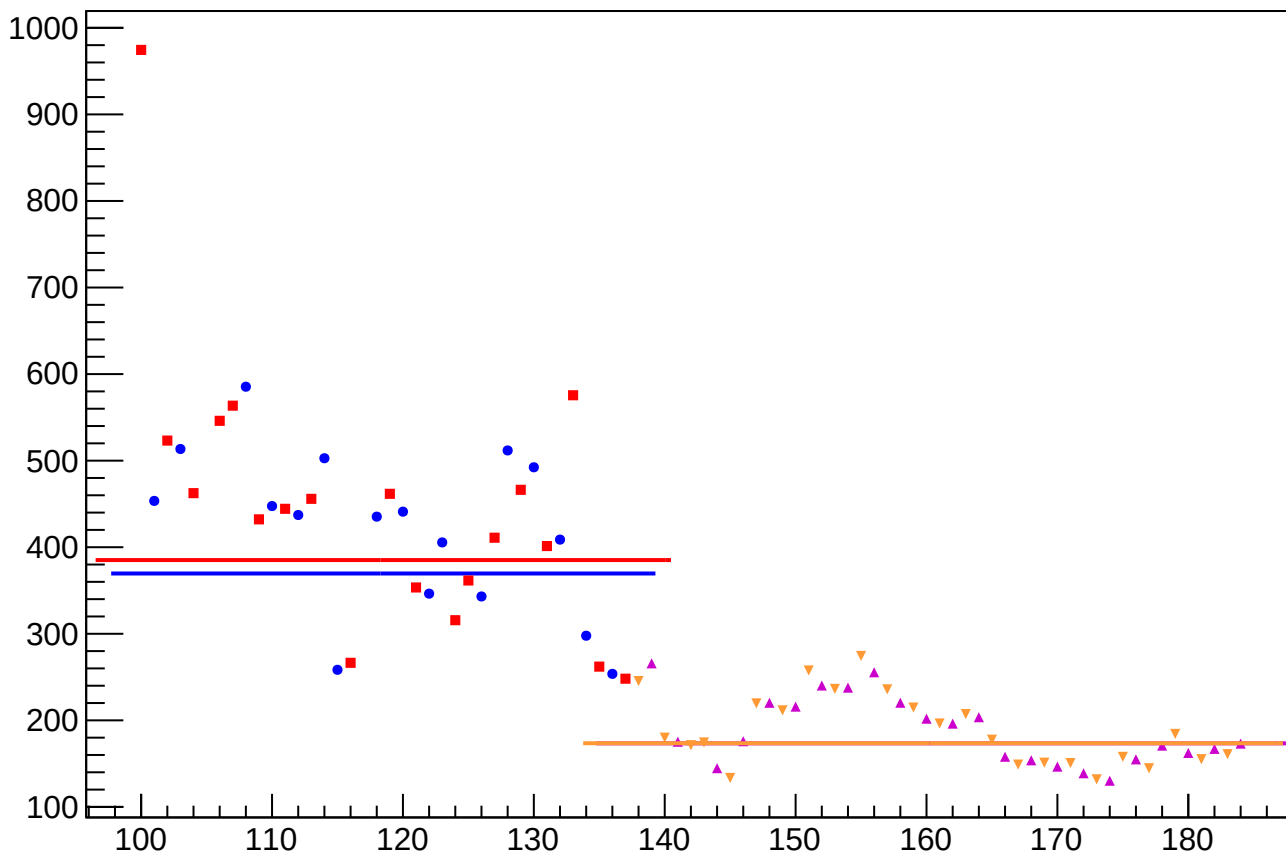
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 7.489 $\pm$ 40.592 χ^2 /NDF:51.2/39

Out: 184.987 $\pm$ 40.072 χ^2 /NDF:79.7/42

All: 97.380 $\pm$ 28.517 χ^2 /NDF: 140.6/82

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 173.538 $\pm$ 0.029 χ^2 /NDF: 1488115.2/23

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 173.445 $\pm$ 0.030 χ^2 /NDF: 1362240.7/22

Left: 173.492 $\pm$ 0.021 χ^2 /NDF: 2850360.9/46

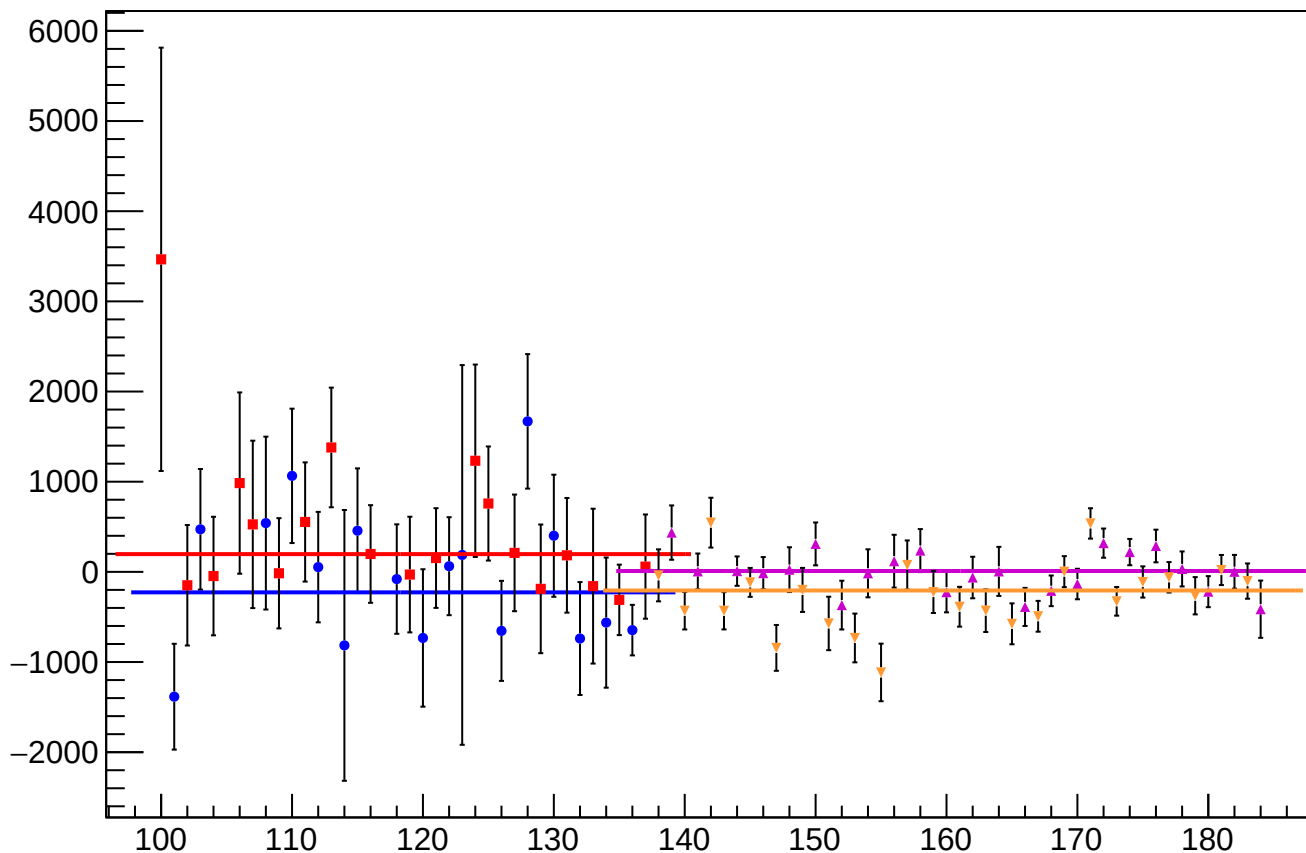
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 188.084 $\pm$ 0.029 χ^2 /NDF: 5491231.8/39

Out: 188.665 $\pm$ 0.028 χ^2 /NDF: 6116727.6/42

All: 188.378 $\pm$ 0.020 χ^2 /NDF: 11608167.1/82

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -206.573 ± 42.101 χ^2/NDF : 63.0/23

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 9.384 ± 42.437 χ^2/NDF : 25.4/22

Left: -99.452 ± 29.888 χ^2/NDF : 101.5/46

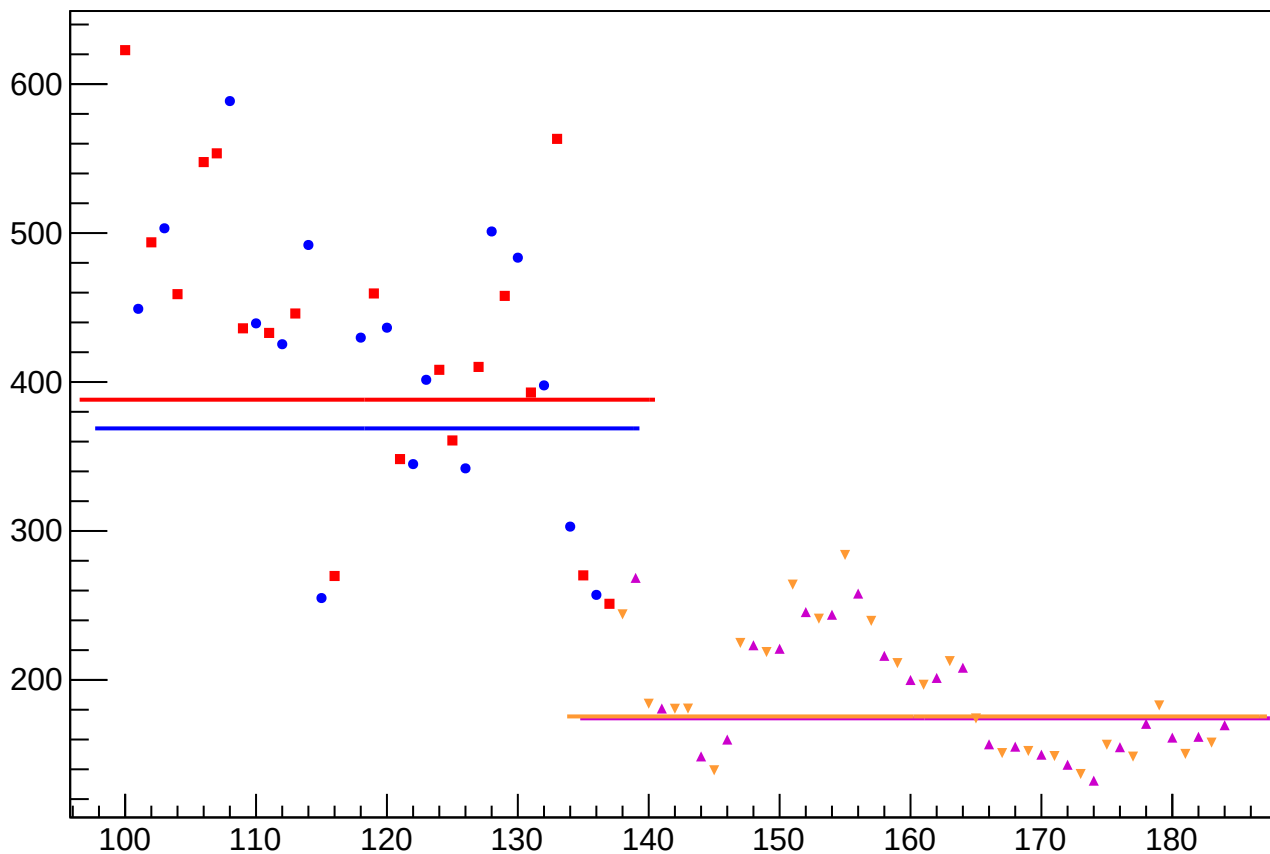
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -8.613 ± 40.791 χ^2/NDF : 49.6/39

Out: -177.185 ± 40.538 χ^2/NDF : 80.5/42

All: -93.424 ± 28.754 χ^2/NDF : 138.6/82

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 175.495 $\pm$ 0.030 χ^2 /NDF: 1496037.6/23

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 174.217 $\pm$ 0.030 χ^2 /NDF: 1364600.9/22

Left: 174.861 $\pm$ 0.021 χ^2 /NDF: 2861553.3/46

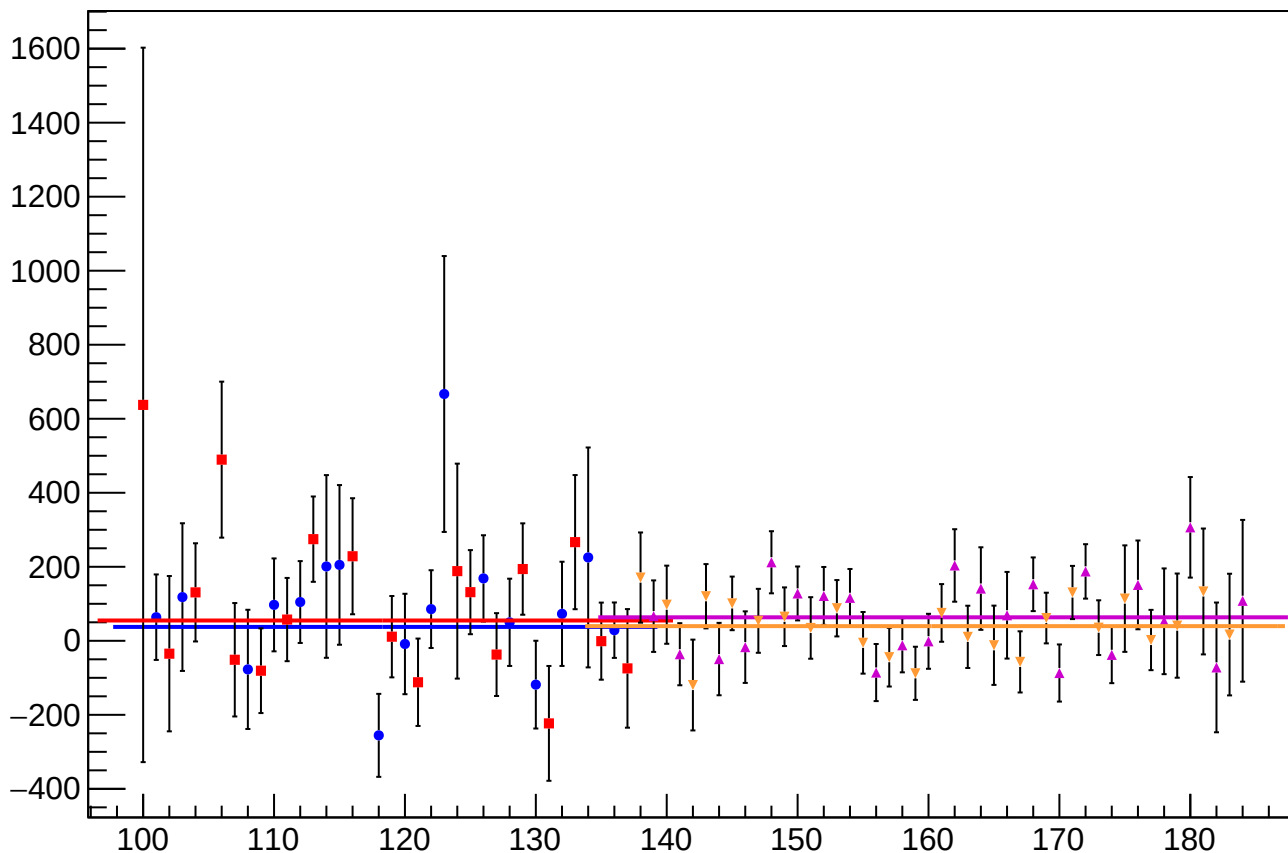
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 189.019 $\pm$ 0.029 χ^2 /NDF: 5393998.7/39

Out: 190.989 $\pm$ 0.029 χ^2 /NDF: 5991488.4/42

All: 190.010 $\pm$ 0.020 χ^2 /NDF: 11387834.5/82

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 39.642 $\pm$ 17.947 χ^2 /NDF:14.3/23

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 63.496 $\pm$ 18.723 χ^2 /NDF:30.8/22

Left: 51.064 $\pm$ 12.956 χ^2 /NDF: 45.9/46

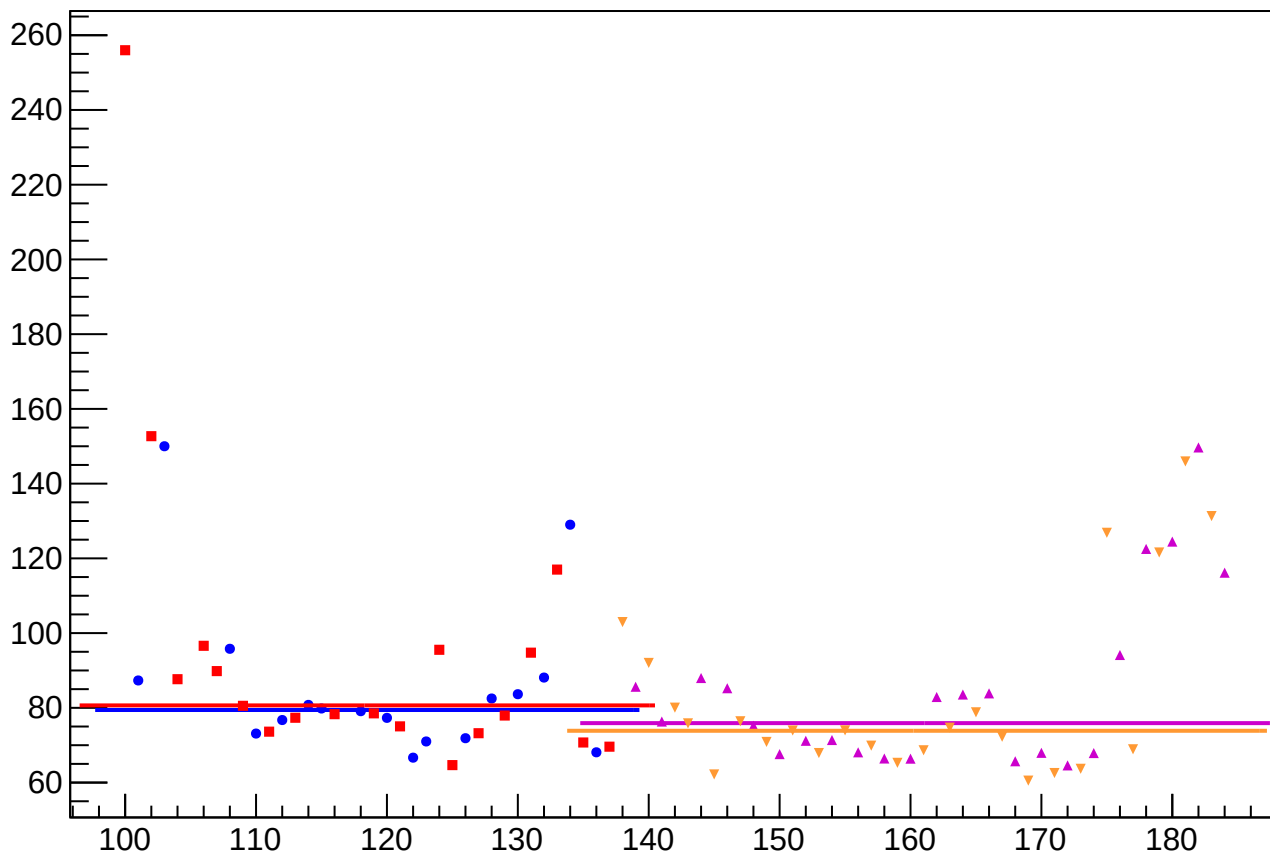
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 56.706 $\pm$ 16.089 χ^2 /NDF:47.1/39

Out: 43.385 $\pm$ 15.590 χ^2 /NDF:36.6/42

All: 49.836 $\pm$ 11.196 χ^2 /NDF: 84.1/82

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 73.863 $\pm$ 0.013 χ^2 /NDF:1571395.3/23

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 75.910 $\pm$ 0.013 χ^2 /NDF:1292273.0/22

Left: 74.843 $\pm$ 0.009 χ^2 /NDF: 2876129.0/46

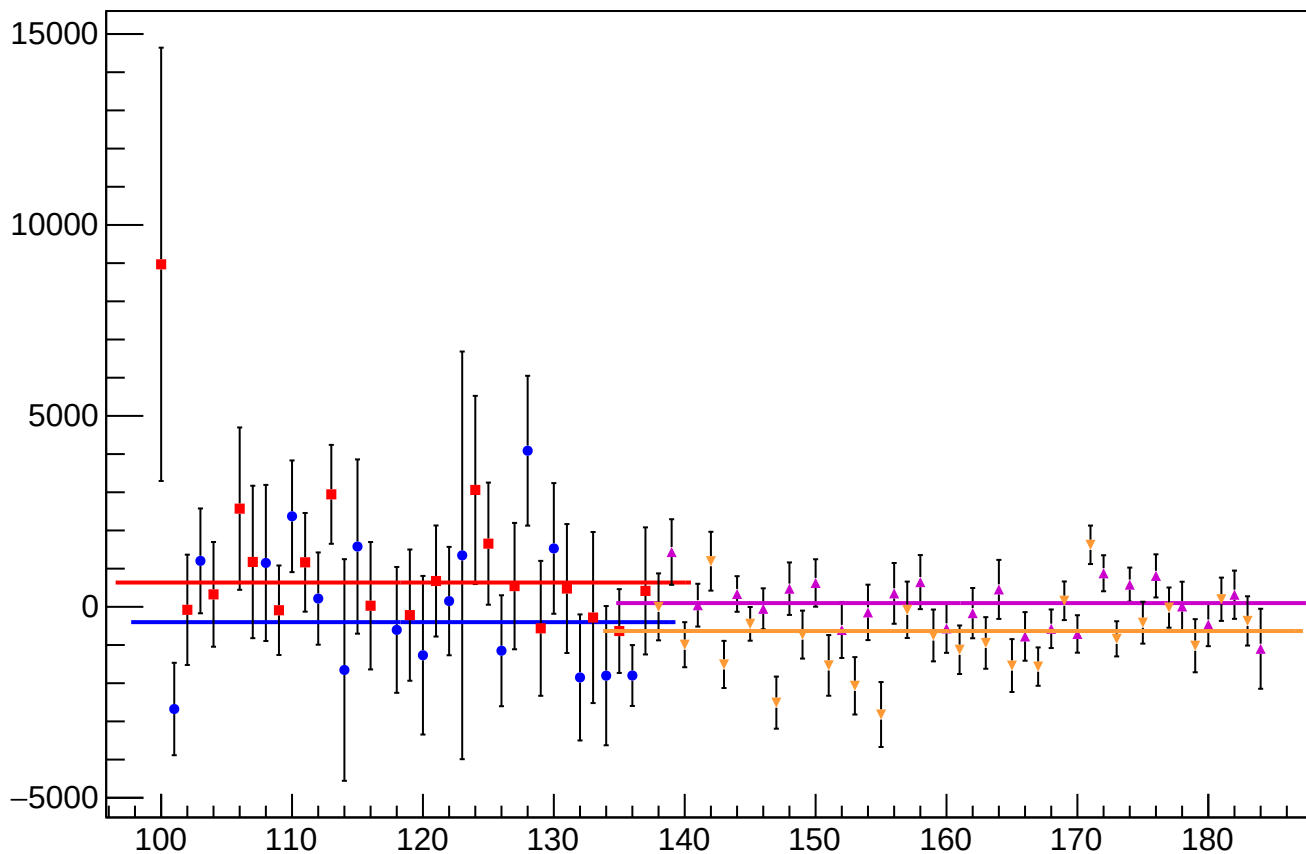
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 76.828 $\pm$ 0.011 χ^2 /NDF:1749719.9/39

Out: 75.529 $\pm$ 0.011 χ^2 /NDF:2162068.3/42

All: 76.158 $\pm$ 0.008 χ^2 /NDF: 3918518.6/82

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -633.902+/-124.197 χ^2/NDF : 61.2/23

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 97.833+/-125.782 χ^2/NDF : 21.3/22

Left: -272.675+/-88.376 χ^2/NDF : 99.7/46

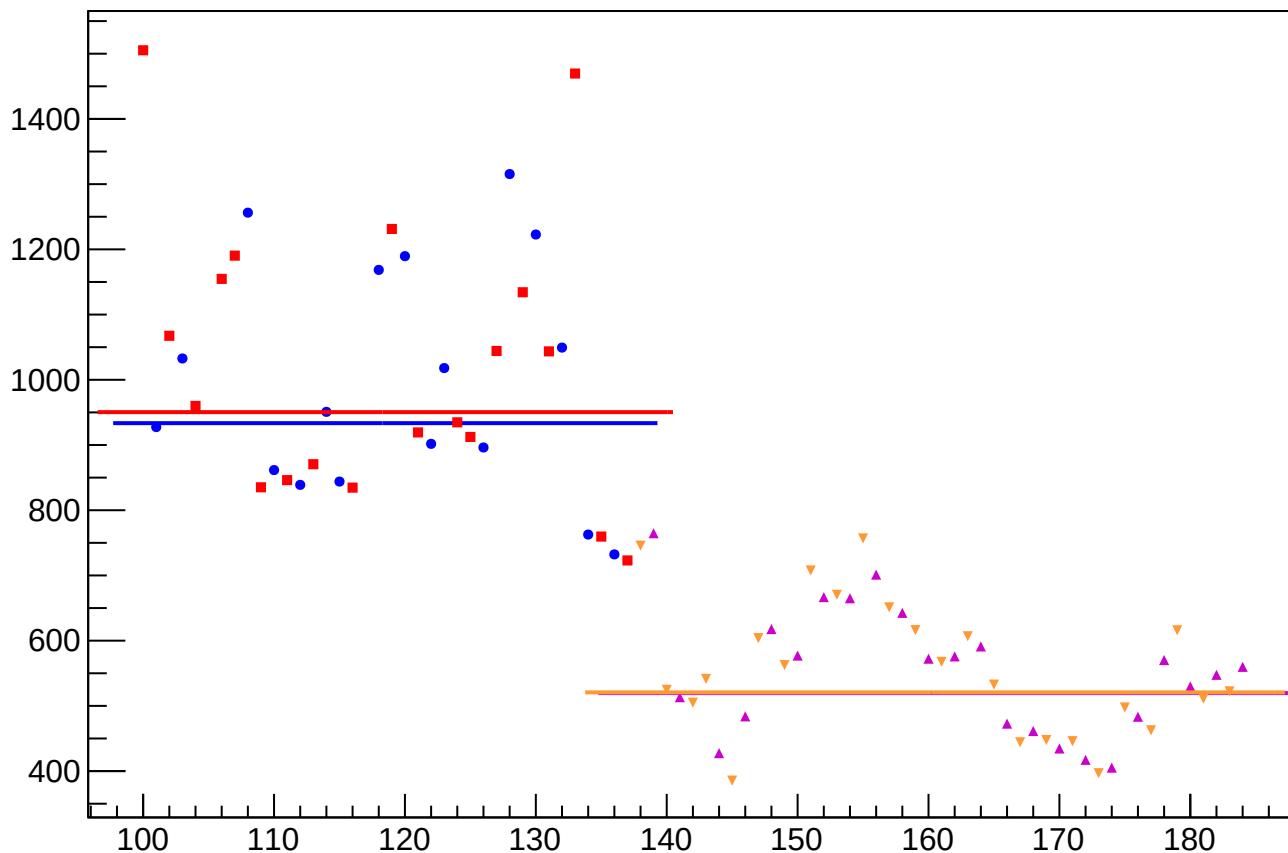
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 45.769+/-119.038 χ^2/NDF : 44.9/39

Out: -500.761+/-117.507 χ^2/NDF : 83.0/42

All: -231.033+/-83.626 χ^2/NDF : 138.6/82

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 $\chi^2/\text{NDF}: 442321.9/16$

Left Out: 520.718 ± 0.088 $\chi^2/\text{NDF}: 1194322.8/23$

Right Out: 950.411 ± 0.257 $\chi^2/\text{NDF}: 424360.9/18$

Left In: 519.615 ± 0.089 $\chi^2/\text{NDF}: 1029150.7/22$

Left: 520.173 ± 0.062 $\chi^2/\text{NDF}: 2223551.3/46$

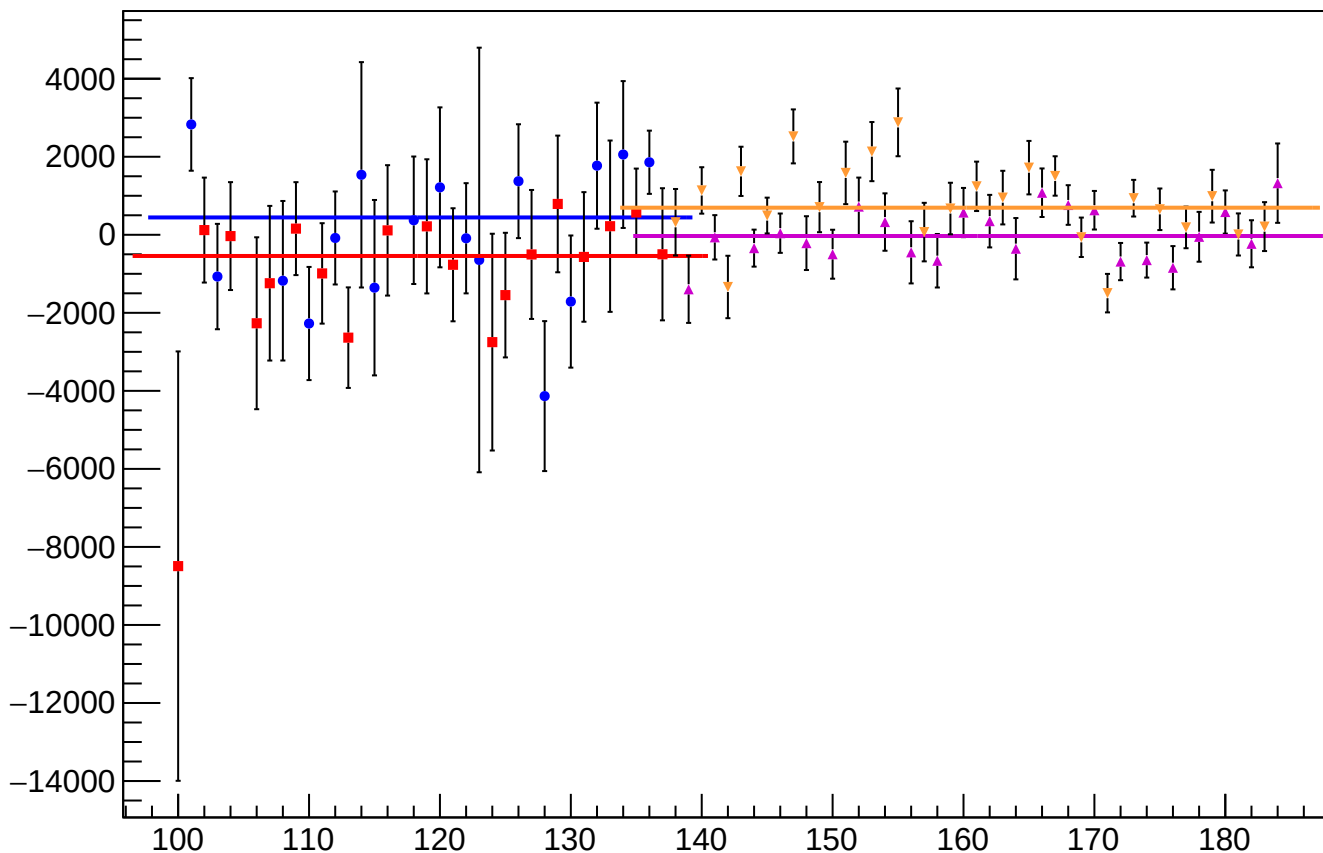
Right: 942.099 ± 0.183 $\chi^2/\text{NDF}: 868813.4/35$

In: 562.812 ± 0.084 $\chi^2/\text{NDF}: 3731728.3/39$

Out: 565.764 ± 0.083 $\chi^2/\text{NDF}: 4128391.1/42$

All: 564.307 ± 0.059 $\chi^2/\text{NDF}: 7860742.1/82$

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669 $\pm$ 367.099 χ^2 /NDF: 22.9/16

Left Out: 694.505 $\pm$ 124.355 χ^2 /NDF: 59.7/23

Right Out: -543.026 $\pm$ 363.317 χ^2 /NDF: 9.4/18

Left In: -31.056 $\pm$ 125.236 χ^2 /NDF: 23.8/22

Left: 334.286 $\pm$ 88.242 χ^2 /NDF: 100.4/46

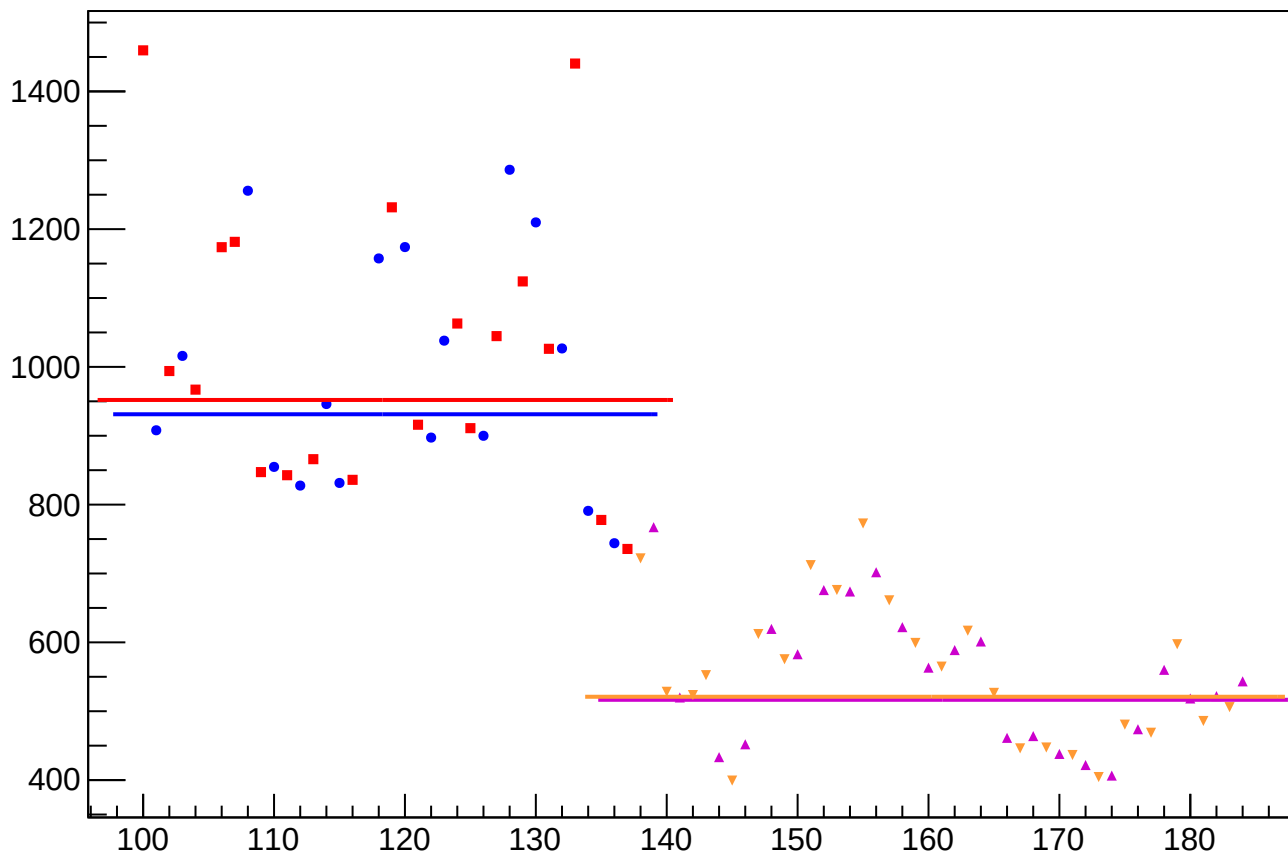
Right: -54.292 $\pm$ 258.231 χ^2 /NDF: 36.0/35

In: 18.539 $\pm$ 118.529 χ^2 /NDF: 48.3/39

Out: 564.727 $\pm$ 117.654 χ^2 /NDF: 79.4/42

All: 293.655 $\pm$ 83.502 χ^2 /NDF: 138.4/82

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 521.015 $\pm$ 0.088 χ^2 /NDF:1152579.9/23

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 516.594 $\pm$ 0.089 χ^2 /NDF:1036092.8/22

Left: 518.820 $\pm$ 0.062 χ^2 /NDF: 2189927.7/46

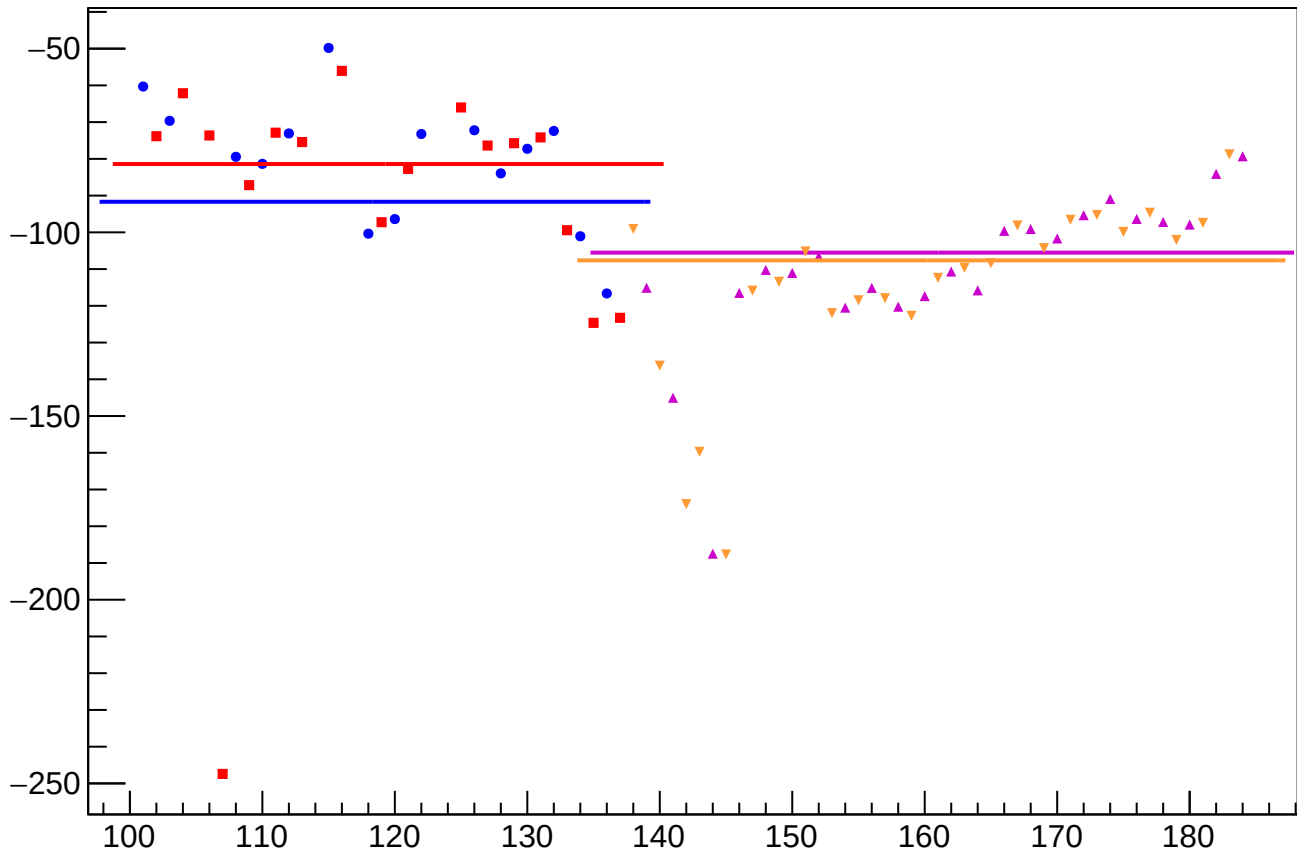
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 559.818 $\pm$ 0.084 χ^2 /NDF:3721548.8/39

Out: 566.208 $\pm$ 0.083 χ^2 /NDF:4054031.5/42

All: 563.036 $\pm$ 0.059 χ^2 /NDF: 7778508.5/82

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -107.631 ± 0.051 $\chi^2/\text{NDF}: 78570.5/23$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -105.520 ± 0.046 $\chi^2/\text{NDF}: 128731.9/22$

Left: -106.464 ± 0.034 $\chi^2/\text{NDF}: 208259.3/46$

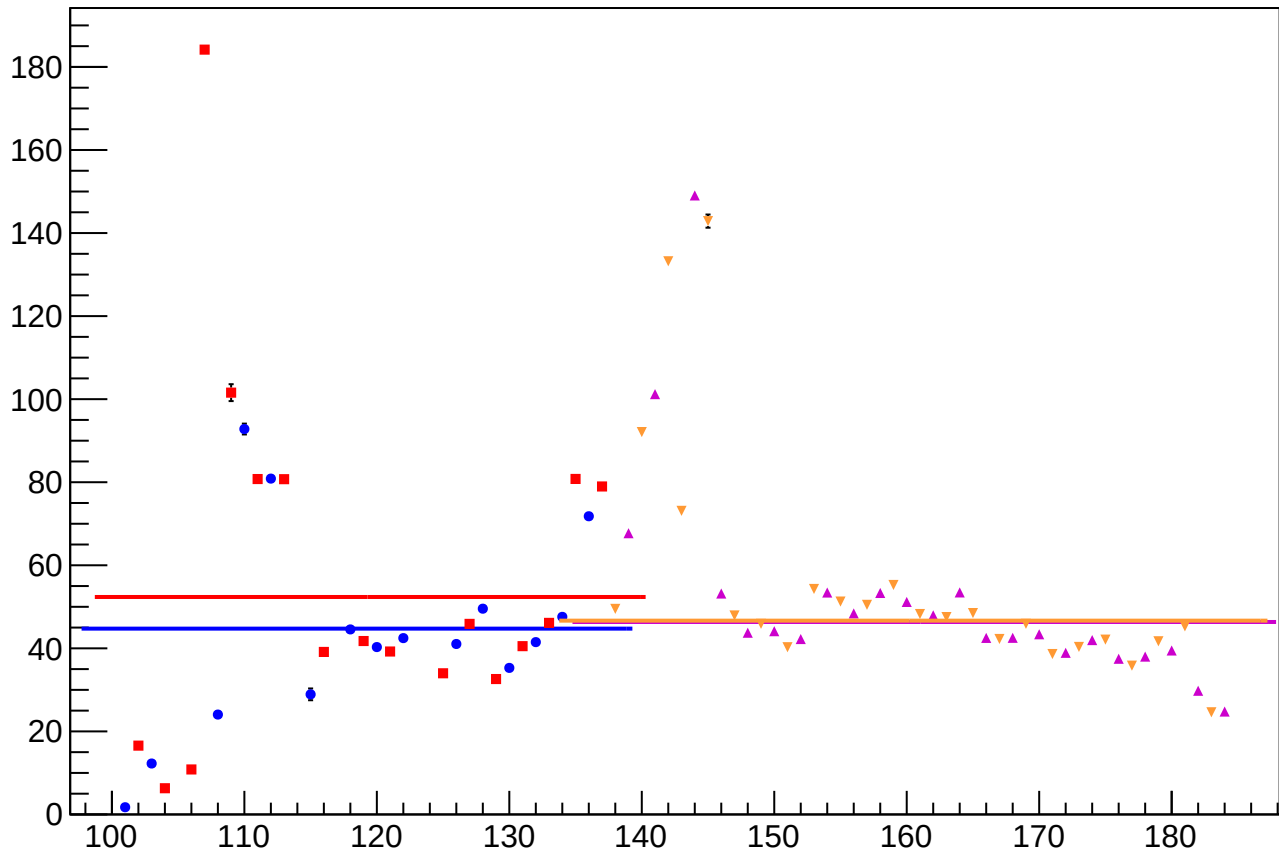
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -101.401 ± 0.038 $\chi^2/\text{NDF}: 220709.5/37$

Out: -102.127 ± 0.045 $\chi^2/\text{NDF}: 176324.8/40$

All: -101.705 ± 0.029 $\chi^2/\text{NDF}: 397184.9/78$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 46.668+/-0.043 χ^2/NDF : 71029.9/23

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 46.346+/-0.040 χ^2/NDF : 165523.0/22

Left: 46.495+/-0.029 χ^2/NDF : 236583.3/46

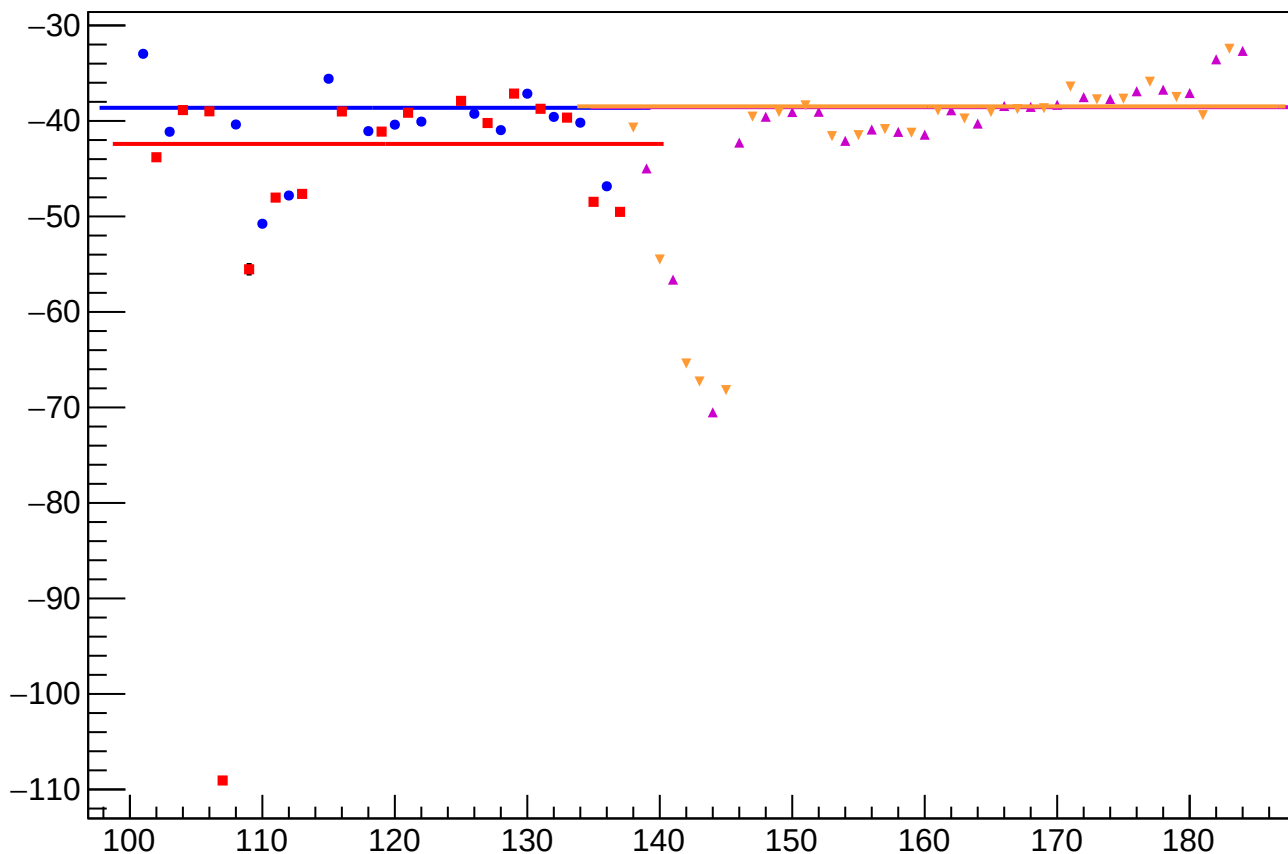
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 45.865+/-0.033 χ^2/NDF : 250710.1/37

Out: 47.387+/-0.040 χ^2/NDF : 142554.8/40

All: 46.486+/-0.026 χ^2/NDF : 394122.1/78

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -38.473 ± 0.006 χ^2/NDF : 494789.2/23

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -38.560 ± 0.007 χ^2/NDF : 334709.2/22

Left: -38.512 ± 0.004 χ^2/NDF : 829594.9/46

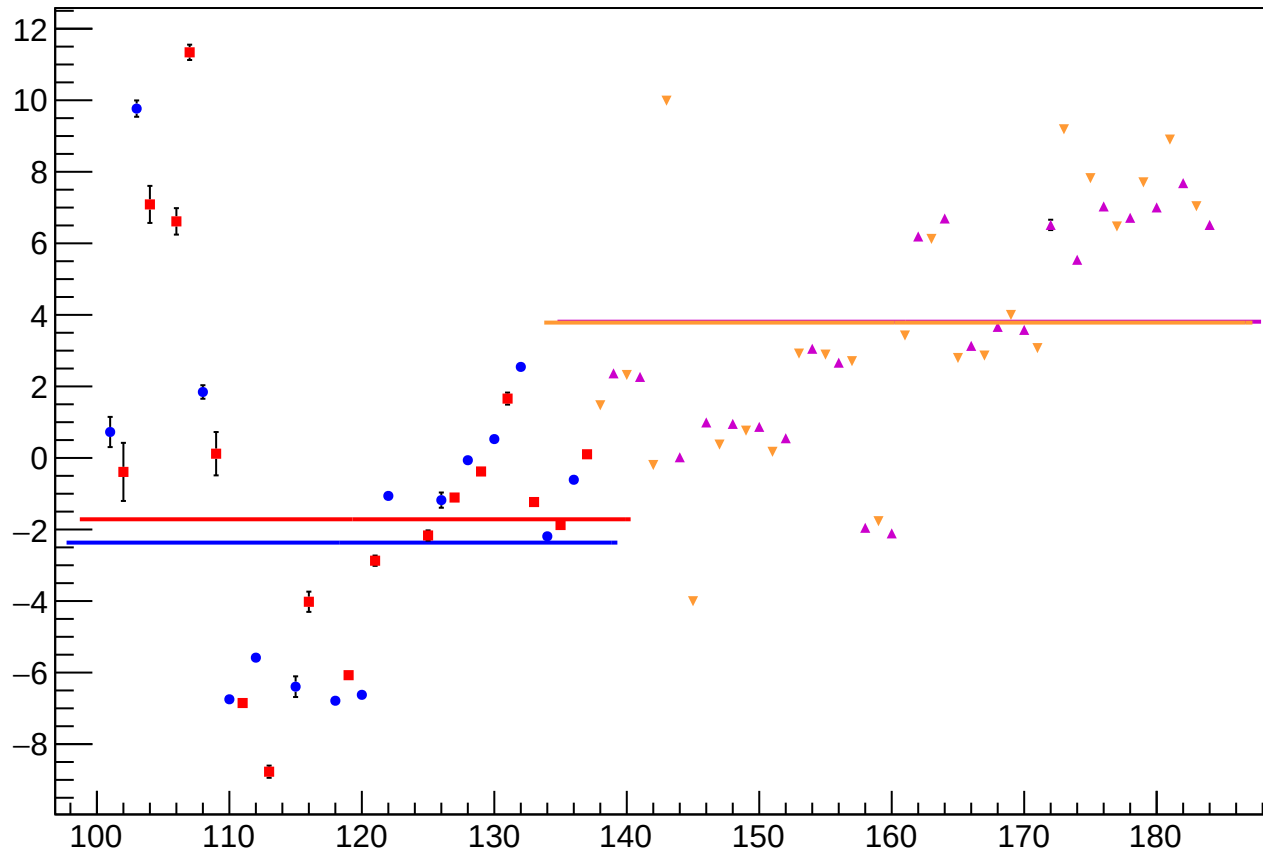
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -38.585 ± 0.005 χ^2/NDF : 574856.8/37

Out: -38.754 ± 0.006 χ^2/NDF : 795628.7/40

All: -38.661 ± 0.004 χ^2/NDF : 1370972.5/78

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 $\pm$ 0.014 χ^2/NDF : 28797.3/14

Left Out: 3.784 $\pm$ 0.007 χ^2/NDF : 202945.6/23

Right Out: -1.715 $\pm$ 0.027 χ^2/NDF : 12719.3/16

Left In: 3.809 $\pm$ 0.006 χ^2/NDF : 229467.1/22

Left: 3.799 $\pm$ 0.004 χ^2/NDF : 432420.0/46

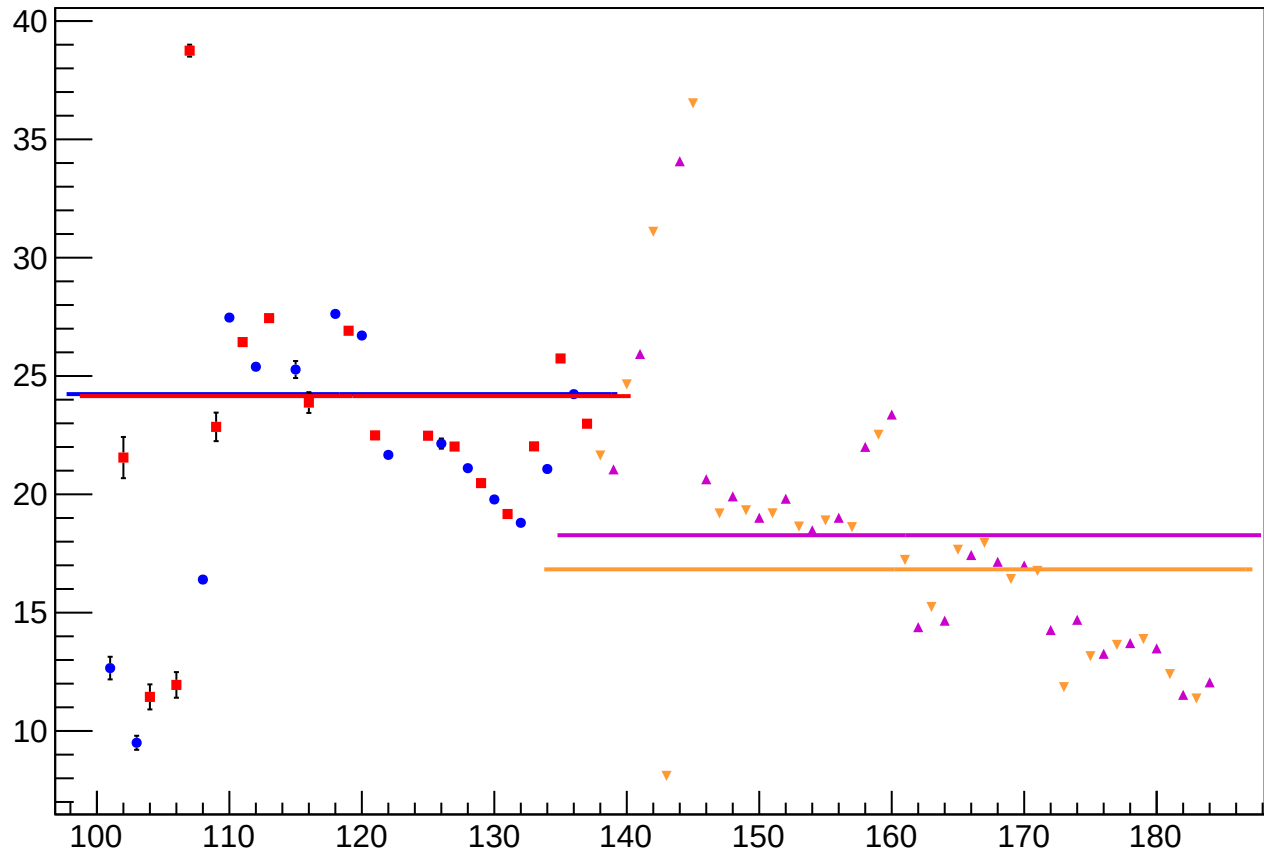
Right: -2.227 $\pm$ 0.012 χ^2/NDF : 41975.5/31

In: 2.900 $\pm$ 0.005 χ^2/NDF : 422481.0/37

Out: 3.440 $\pm$ 0.007 χ^2/NDF : 254575.2/40

All: 3.110 $\pm$ 0.004 χ^2/NDF : 680951.7/78

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 16.830 $\pm$ 0.007 χ^2 /NDF:189279.2/23

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 18.272 $\pm$ 0.007 χ^2 /NDF:237719.2/22

Left: 17.551 $\pm$ 0.005 χ^2 /NDF: 447462.3/46

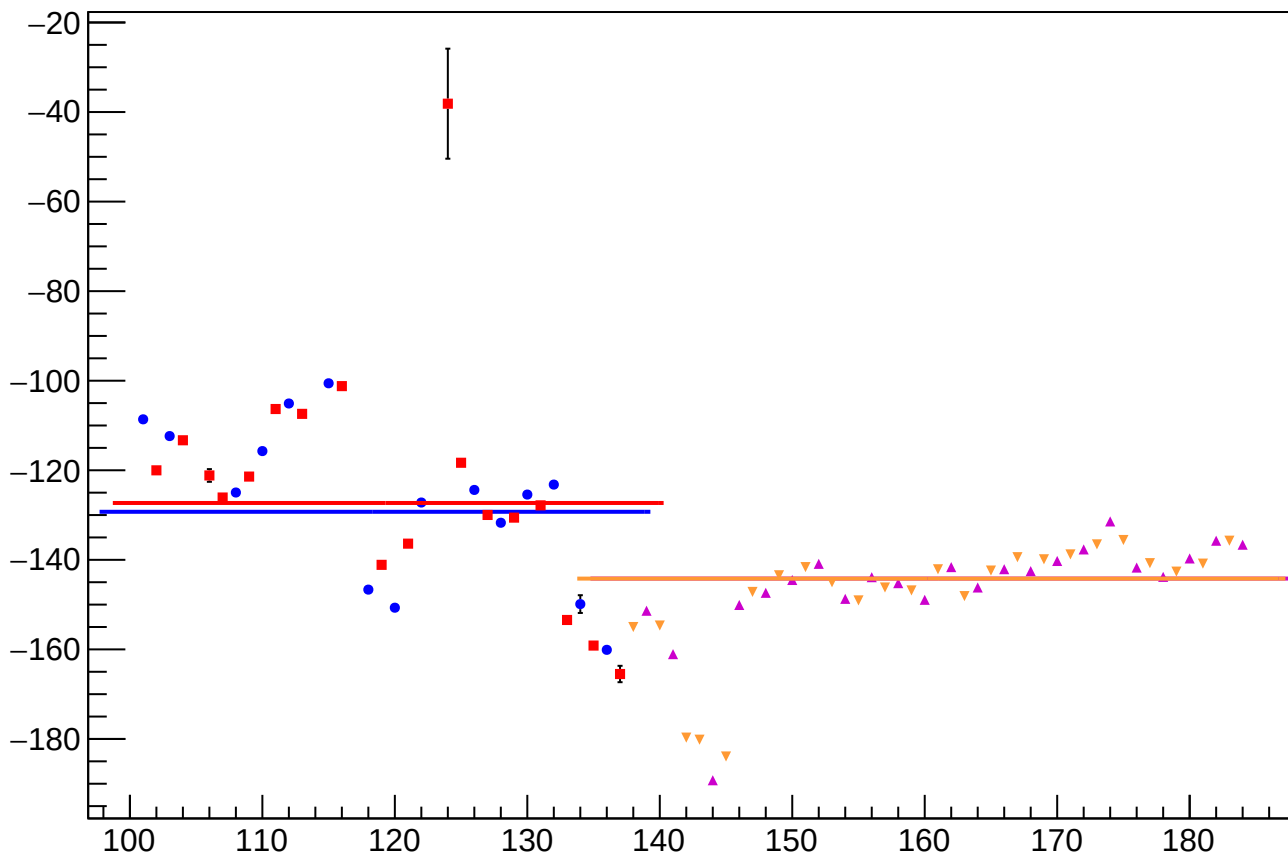
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 18.838 $\pm$ 0.007 χ^2 /NDF:325966.5/37

Out: 17.407 $\pm$ 0.007 χ^2 /NDF:285608.5/40

All: 18.129 $\pm$ 0.005 χ^2 /NDF: 633644.7/78

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -144.193 ± 0.042 χ^2/NDF : 43581.8/23

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -144.184 ± 0.045 χ^2/NDF : 34723.9/22

Left: -144.189 ± 0.031 χ^2/NDF : 78305.7/46

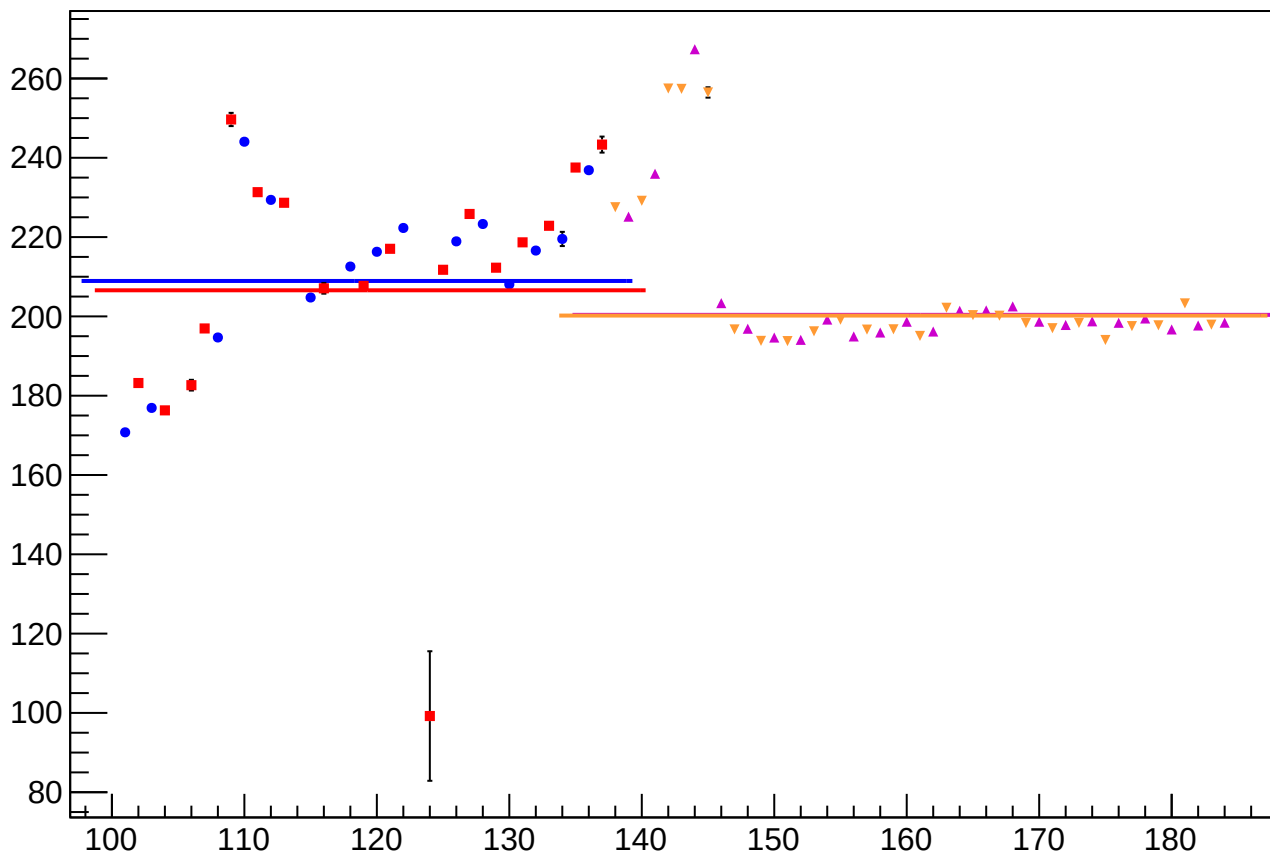
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.073 ± 0.040 χ^2/NDF : 92674.3/37

Out: -140.858 ± 0.037 χ^2/NDF : 105381.4/41

All: -140.958 ± 0.027 χ^2/NDF : 198071.0/79

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 200.208 $\pm$ 0.035 χ^2/NDF : 109327.2/23

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 200.386 $\pm$ 0.039 χ^2/NDF : 77918.6/22

Left: 200.286 $\pm$ 0.026 χ^2/NDF : 187257.4/46

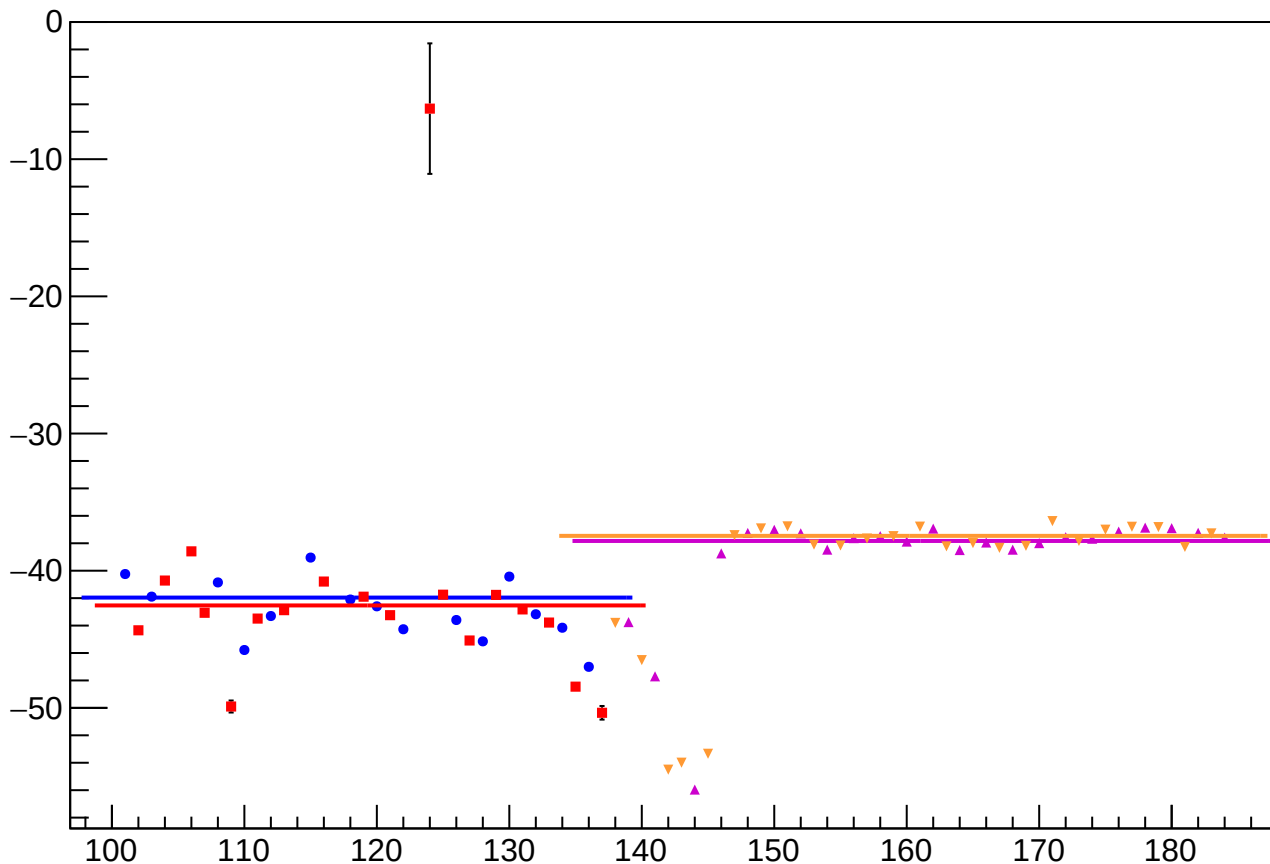
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 201.766 $\pm$ 0.036 χ^2/NDF : 130303.4/37

Out: 201.146 $\pm$ 0.032 χ^2/NDF : 162542.5/41

All: 201.420 $\pm$ 0.024 χ^2/NDF : 293012.5/79

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -37.460 $\pm$ 0.004 χ^2 /NDF: 231546.5/23

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -37.832 $\pm$ 0.004 χ^2 /NDF: 142924.4/22

Left: -37.625 $\pm$ 0.003 χ^2 /NDF: 378893.5/46

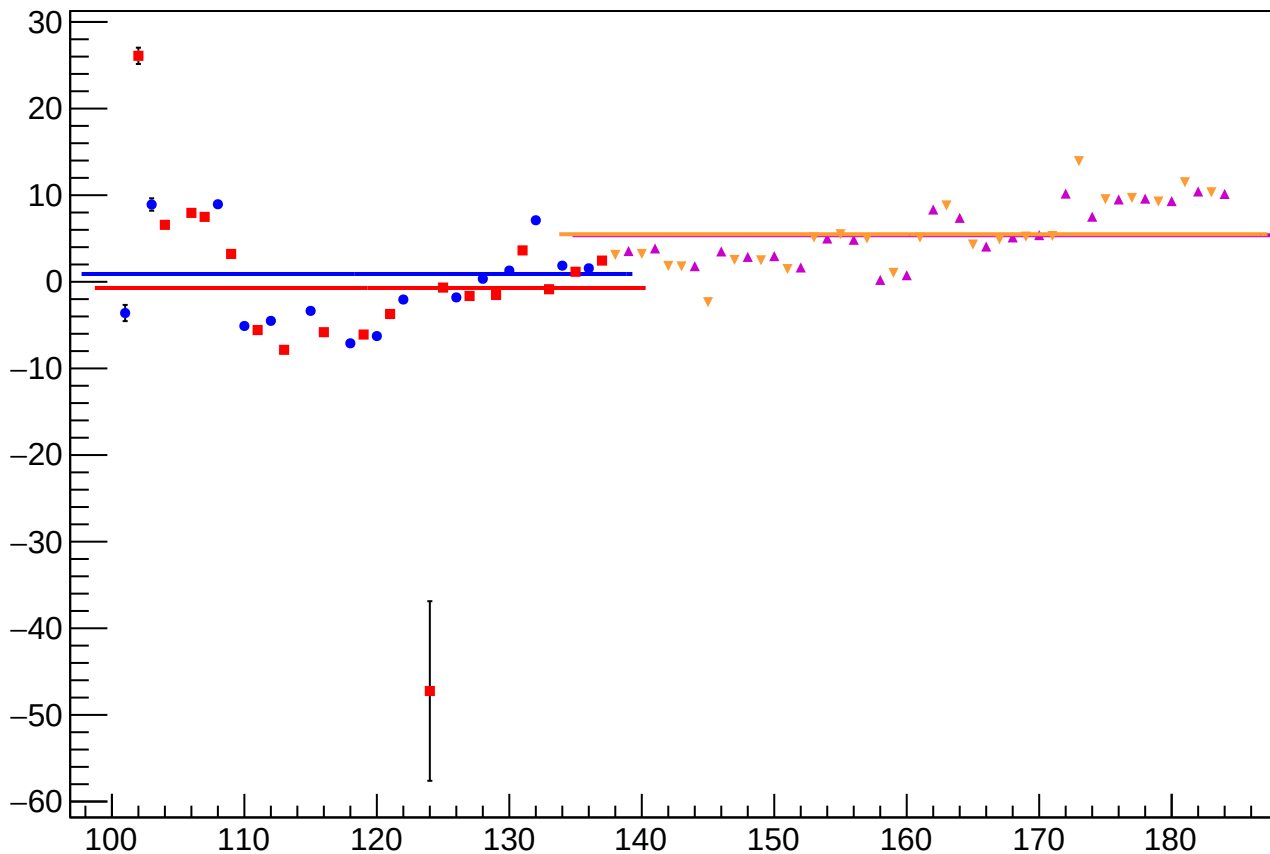
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -38.106 $\pm$ 0.004 χ^2 /NDF: 232460.0/37

Out: -37.620 $\pm$ 0.004 χ^2 /NDF: 296091.2/41

All: -37.841 $\pm$ 0.003 χ^2 /NDF: 536519.8/79

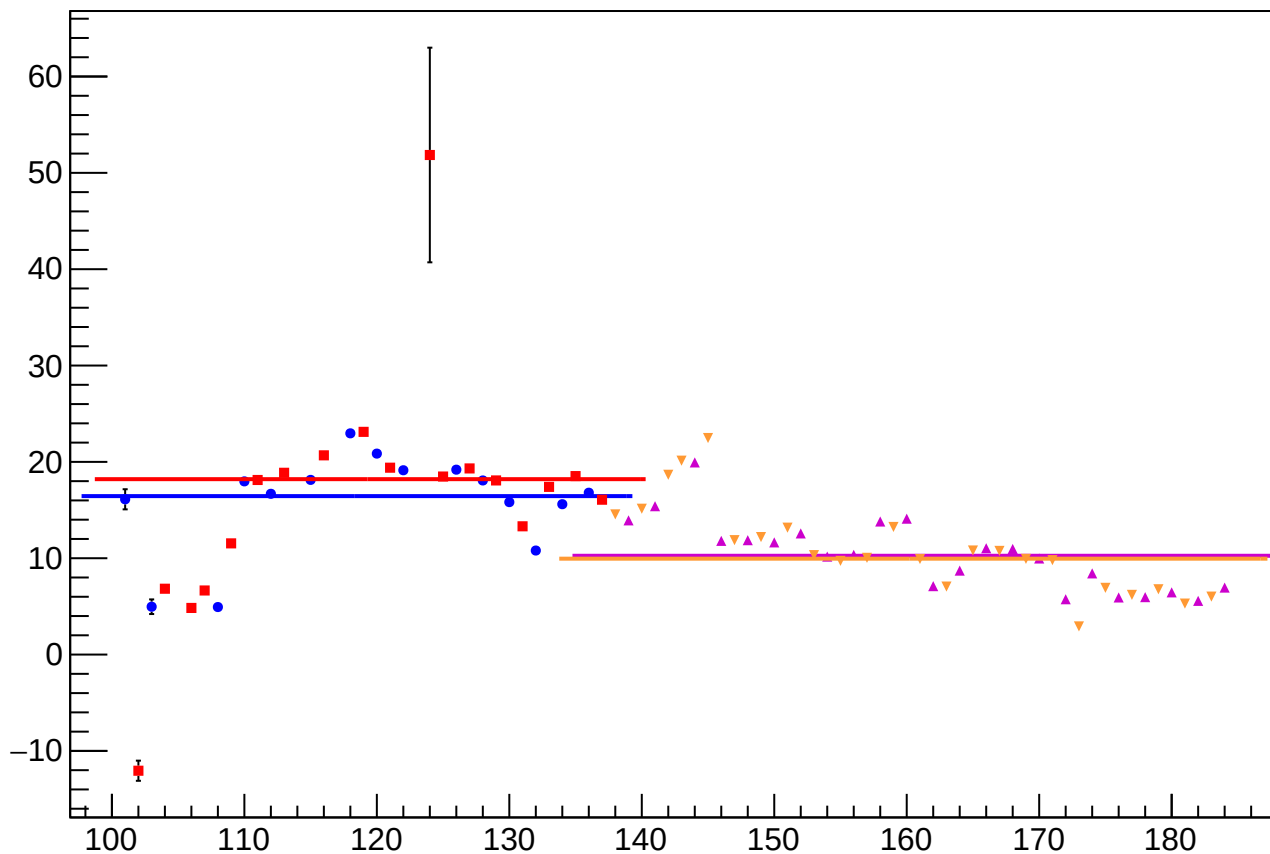
dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$
 Left Out: 5.493 ± 0.006 $\chi^2/\text{NDF}: 295416.3/23$
 Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$
 Left In: 5.375 ± 0.007 $\chi^2/\text{NDF}: 205713.7/22$

Left: 5.443 ± 0.004 $\chi^2/\text{NDF}: 501312.1/46$
 Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$
 In: 4.936 ± 0.006 $\chi^2/\text{NDF}: 271746.5/37$
 Out: 5.168 ± 0.006 $\chi^2/\text{NDF}: 387900.3/41$
 All: 5.066 ± 0.004 $\chi^2/\text{NDF}: 660409.2/79$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 χ^2/NDF : 14183.1/14

Left Out: 9.954 ± 0.007 χ^2/NDF : 210293.1/23

Right Out: 18.207 ± 0.020 χ^2/NDF : 27493.7/17

Left In: 10.254 ± 0.008 χ^2/NDF : 137399.6/22

Left: 10.086 ± 0.005 χ^2/NDF : 348467.5/46

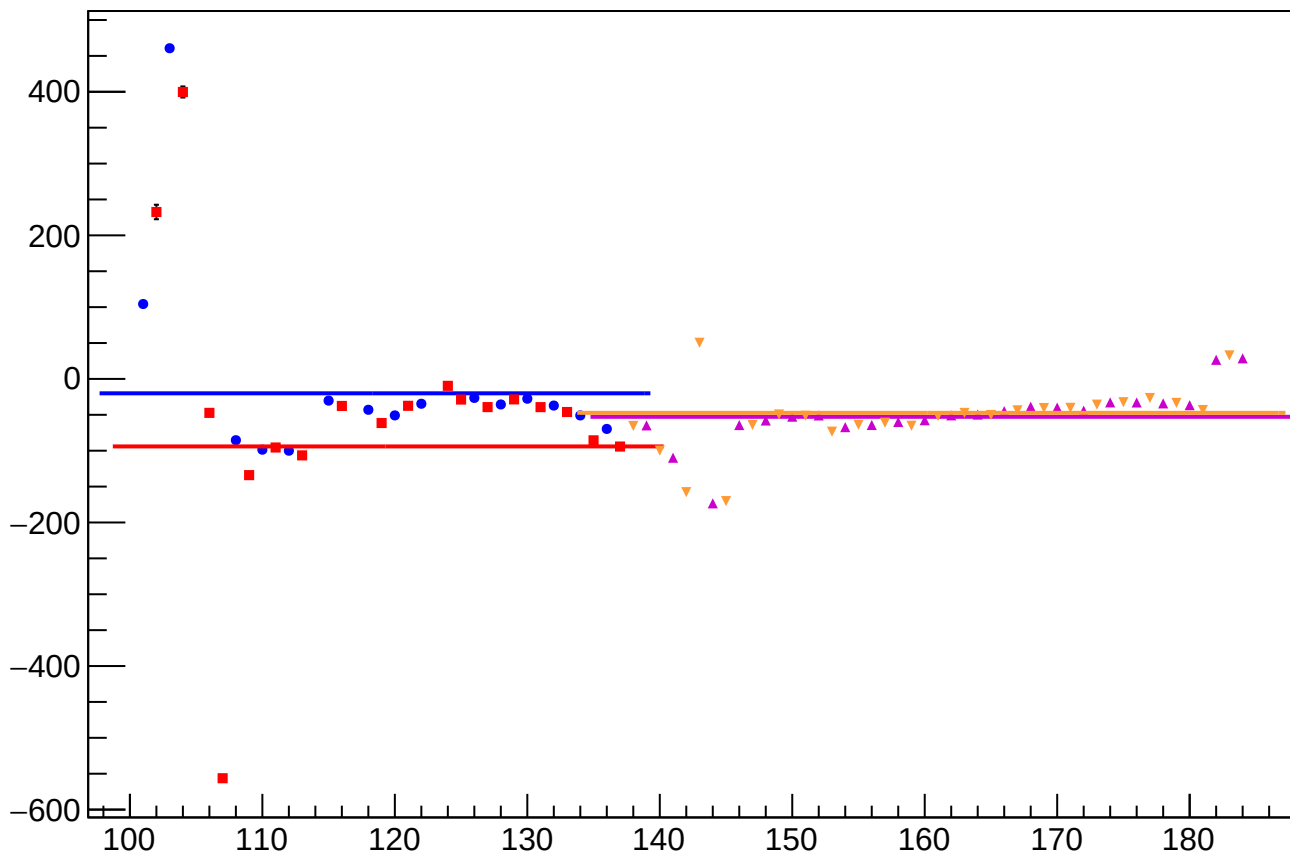
Right: 17.482 ± 0.016 χ^2/NDF : 44731.9/32

In: 10.867 ± 0.008 χ^2/NDF : 209587.5/37

Out: 10.857 ± 0.007 χ^2/NDF : 383104.1/41

All: 10.861 ± 0.005 χ^2/NDF : 592692.6/79

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -47.236 ± 0.089 $\chi^2/\text{NDF}: 90111.9/23$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -52.769 ± 0.103 $\chi^2/\text{NDF}: 70359.7/22$

Left: -49.586 ± 0.067 $\chi^2/\text{NDF}: 162128.9/46$

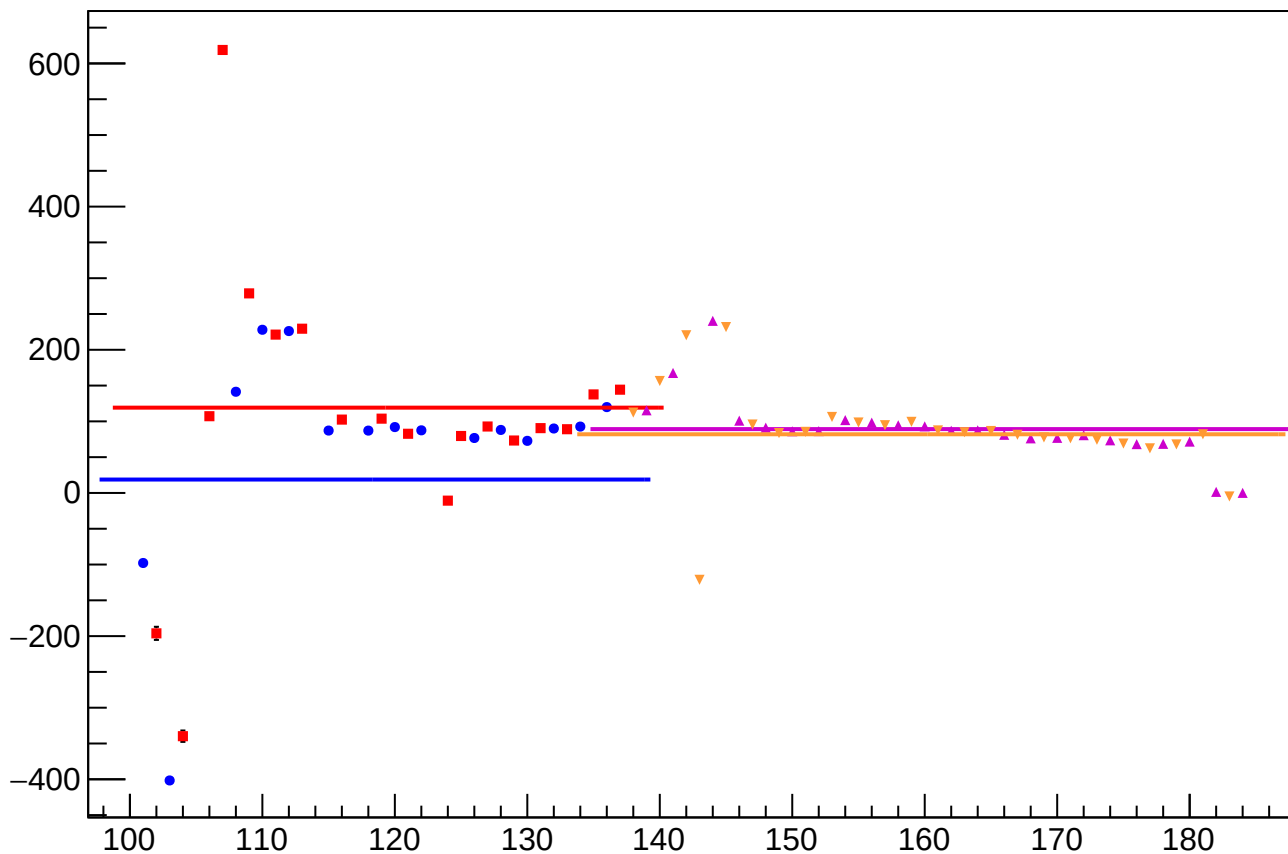
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -42.570 ± 0.086 $\chi^2/\text{NDF}: 543217.2/37$

Out: -93.146 ± 0.012 $\chi^2/\text{NDF}: 451472.5/41$

All: -92.118 ± 0.012 $\chi^2/\text{NDF}: 1337375.9/79$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 $\pm$ 0.152 χ^2 /NDF: 1101803.8/14

Left Out: 81.976 $\pm$ 0.078 χ^2 /NDF:219583.1/23

Right Out: 119.167 $\pm$ 0.199 χ^2 /NDF: 87450.0/17

Left In: 89.202 $\pm$ 0.090 χ^2 /NDF:95378.9/22

Left: 85.095 $\pm$ 0.059 χ^2 /NDF: 318635.6/46

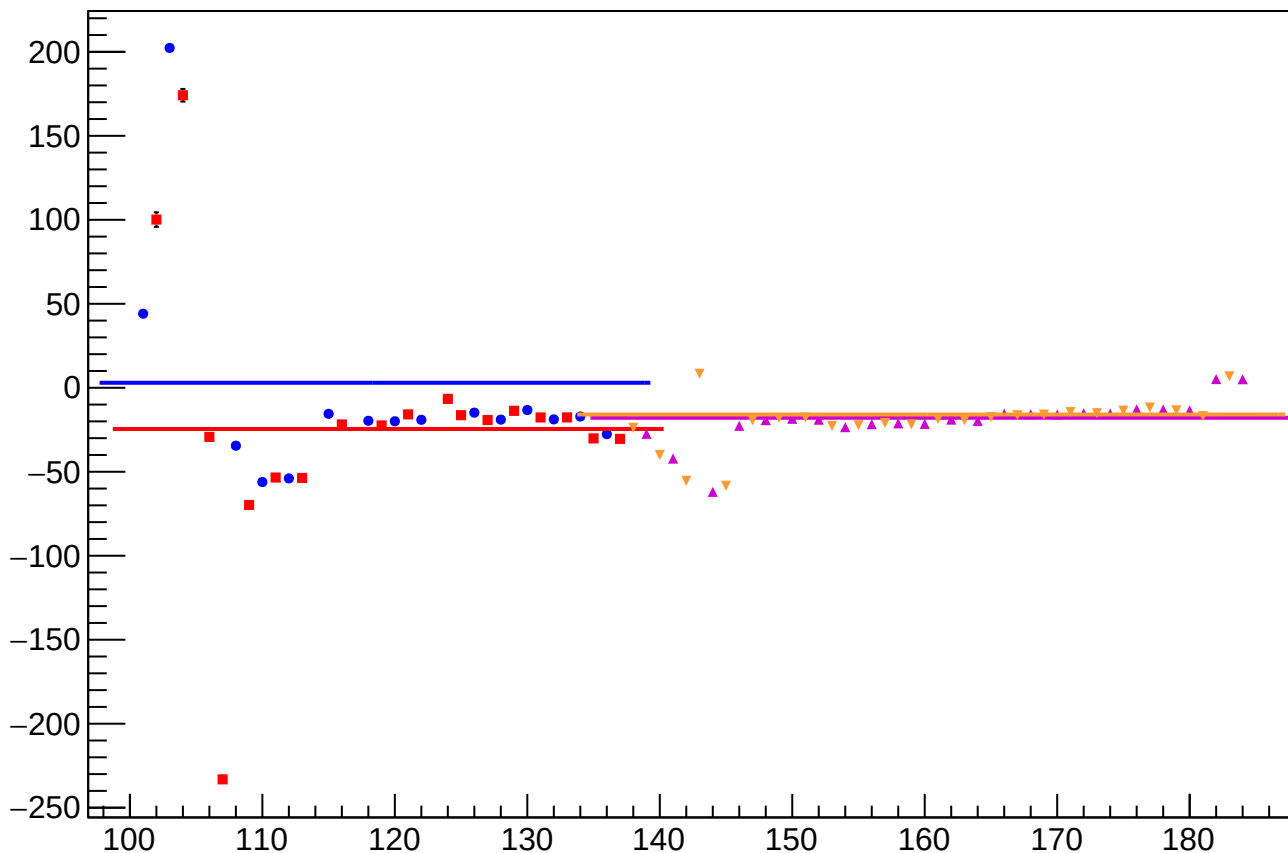
Right: 55.701 $\pm$ 0.121 χ^2 /NDF: 1349806.5/32

In: 70.958 $\pm$ 0.077 χ^2 /NDF:1356323.7/37

Out: 86.953 $\pm$ 0.073 χ^2 /NDF:337210.2/41

All: 79.433 $\pm$ 0.053 χ^2 /NDF: 1716173.1/79

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 $\pm$ 0.027 χ^2 /NDF: 3496745.8/14

Left Out: -15.912 $\pm$ 0.011 χ^2 /NDF: 672177.5/23

Right Out: -24.533 $\pm$ 0.044 χ^2 /NDF: 176488.8/17

Left In: -17.854 $\pm$ 0.012 χ^2 /NDF: 251583.5/22

Left: -16.761 $\pm$ 0.008 χ^2 /NDF: 938106.2/46

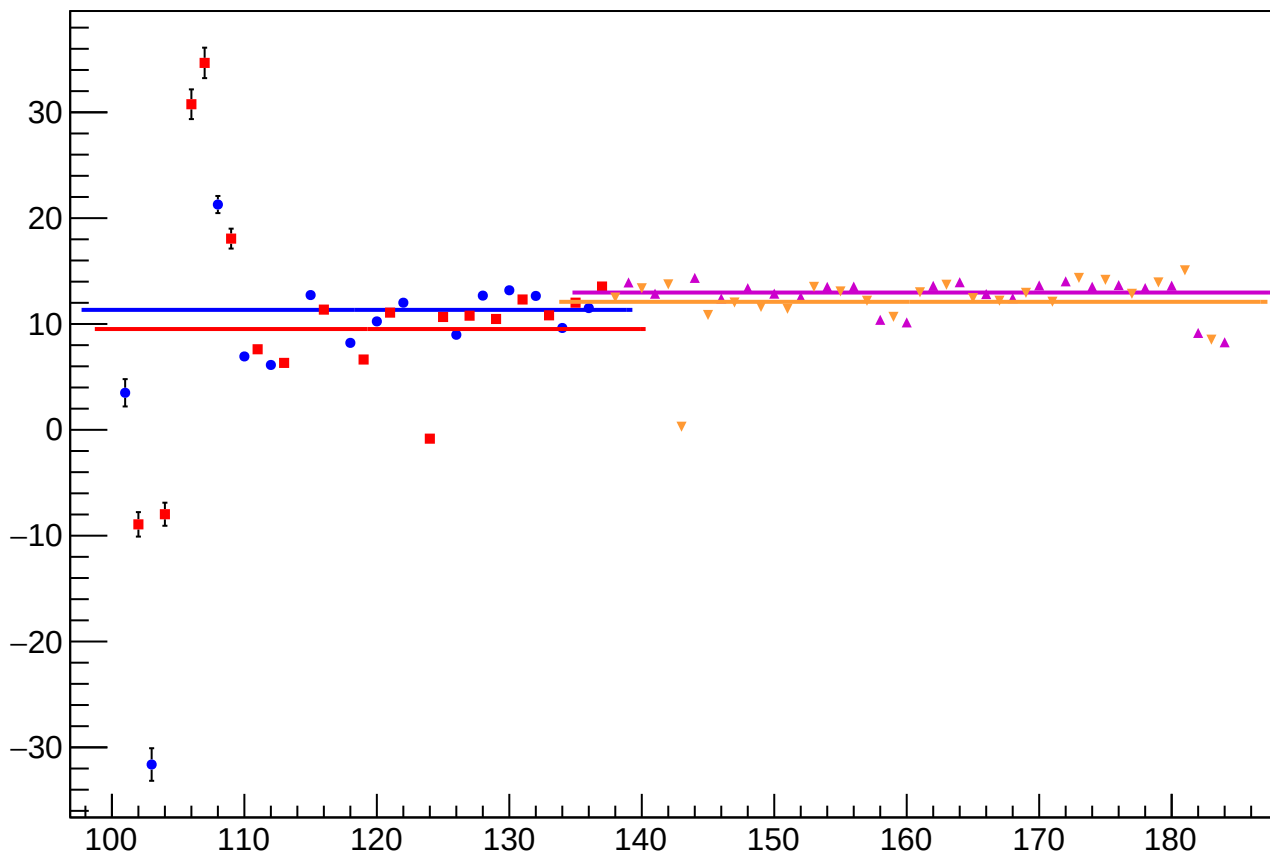
Right: -4.585 $\pm$ 0.023 χ^2 /NDF: 3961708.4/32

In: -14.311 $\pm$ 0.011 χ^2 /NDF: 4247266.7/37

Out: -16.403 $\pm$ 0.010 χ^2 /NDF: 885490.7/41

All: -15.422 $\pm$ 0.008 χ^2 /NDF: 5151679.3/79

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 χ^2/NDF : 2406.0/14

Left Out: 12.095 ± 0.014 χ^2/NDF : 38884.4/23

Right Out: 9.524 ± 0.048 χ^2/NDF : 4066.9/17

Left In: 12.971 ± 0.011 χ^2/NDF : 9592.9/22

Left: 12.615 ± 0.009 χ^2/NDF : 50941.4/46

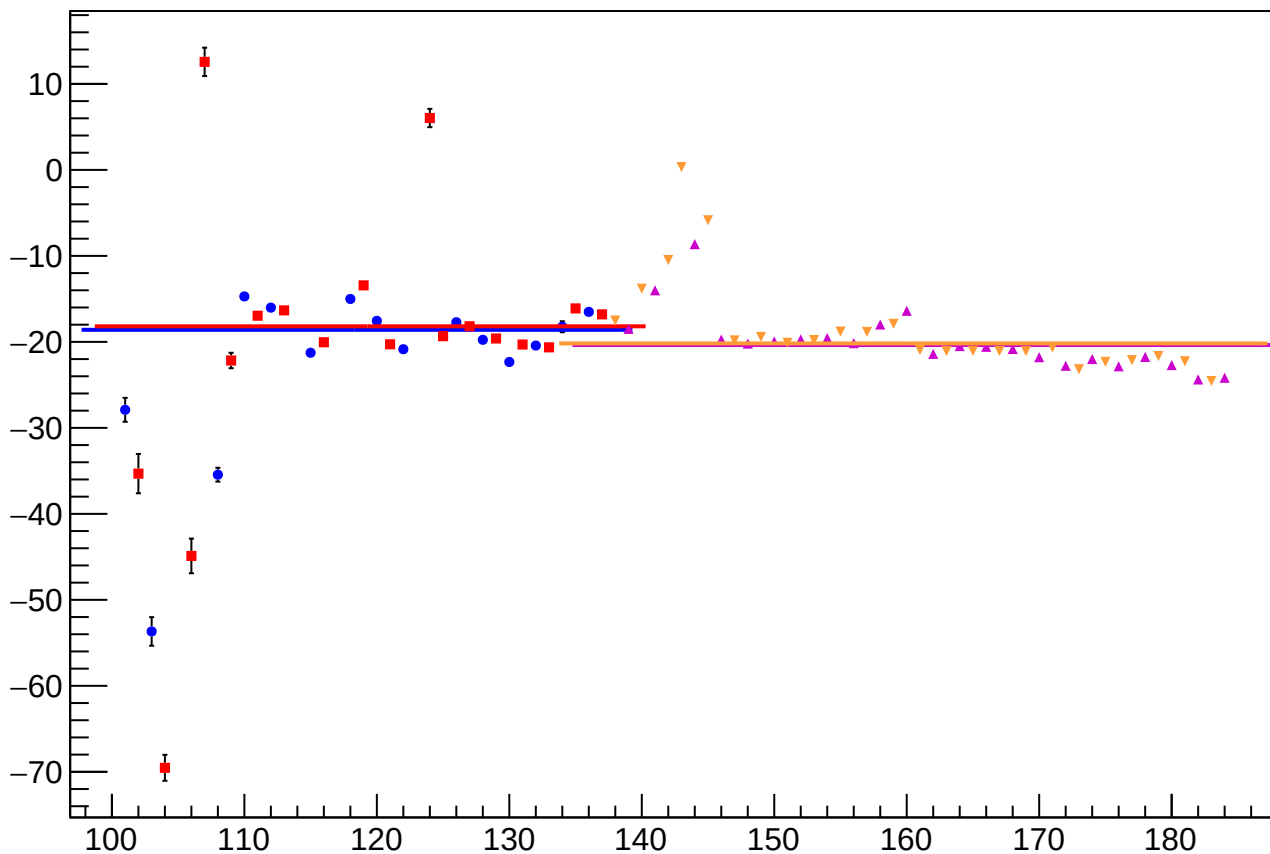
Right: 10.651 ± 0.029 χ^2/NDF : 7358.3/32

In: 12.835 ± 0.011 χ^2/NDF : 13757.8/37

Out: 11.904 ± 0.013 χ^2/NDF : 45605.1/41

All: 12.459 ± 0.008 χ^2/NDF : 62380.8/79

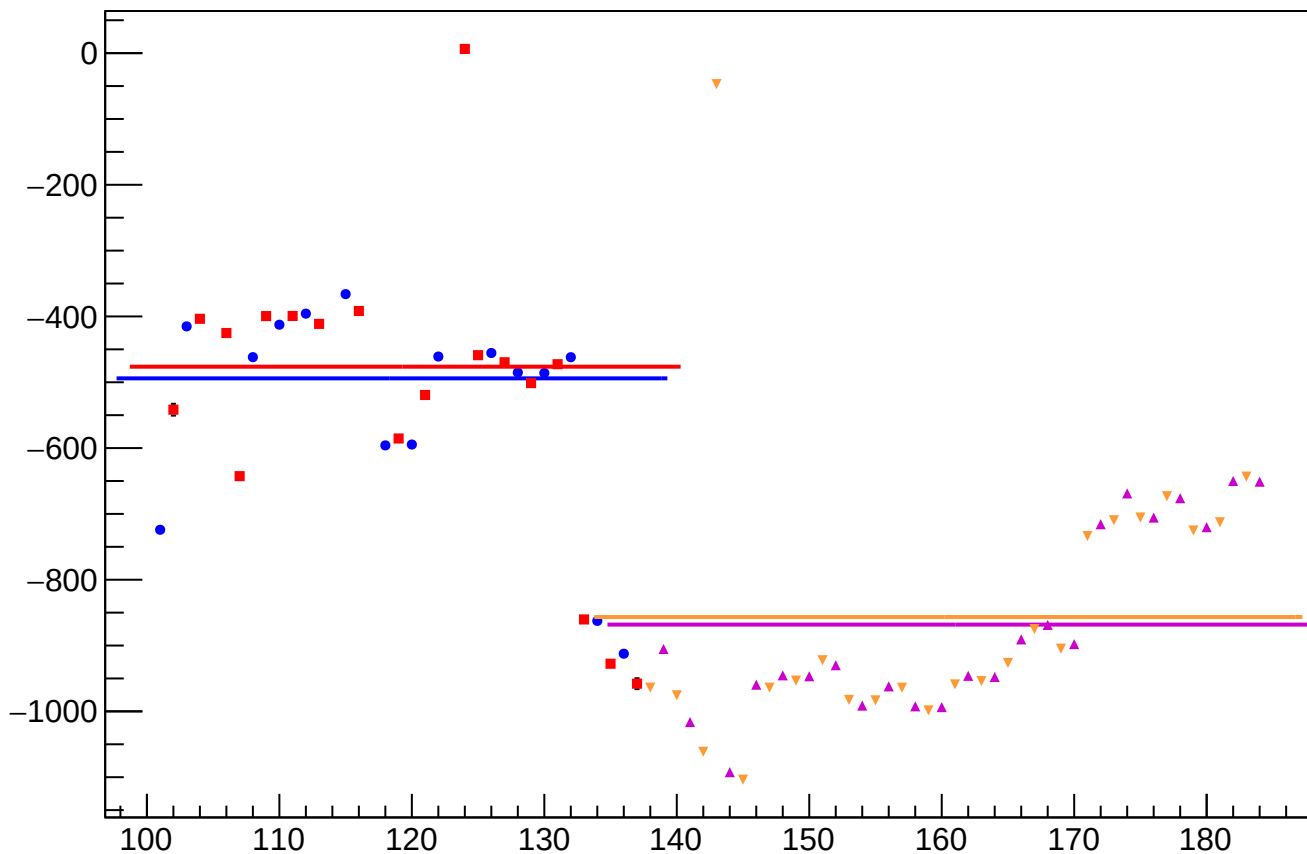
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$
 Left Out: -20.179 ± 0.014 $\chi^2/\text{NDF}: 74922.3/23$
 Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$
 Left In: -20.362 ± 0.015 $\chi^2/\text{NDF}: 19964.2/22$

Left: -20.267 ± 0.010 $\chi^2/\text{NDF}: 94962.7/46$
 Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$
 In: -20.111 ± 0.014 $\chi^2/\text{NDF}: 28088.6/37$
 Out: -20.023 ± 0.014 $\chi^2/\text{NDF}: 81295.4/41$
 All: -20.066 ± 0.010 $\chi^2/\text{NDF}: 109404.1/79$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -856.625 $\pm$ 0.146 χ^2 /NDF: 979738.8/23

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -868.181 $\pm$ 0.145 χ^2 /NDF: 820548.1/22

Left: -862.410 $\pm$ 0.103 χ^2 /NDF: 1803442.9/46

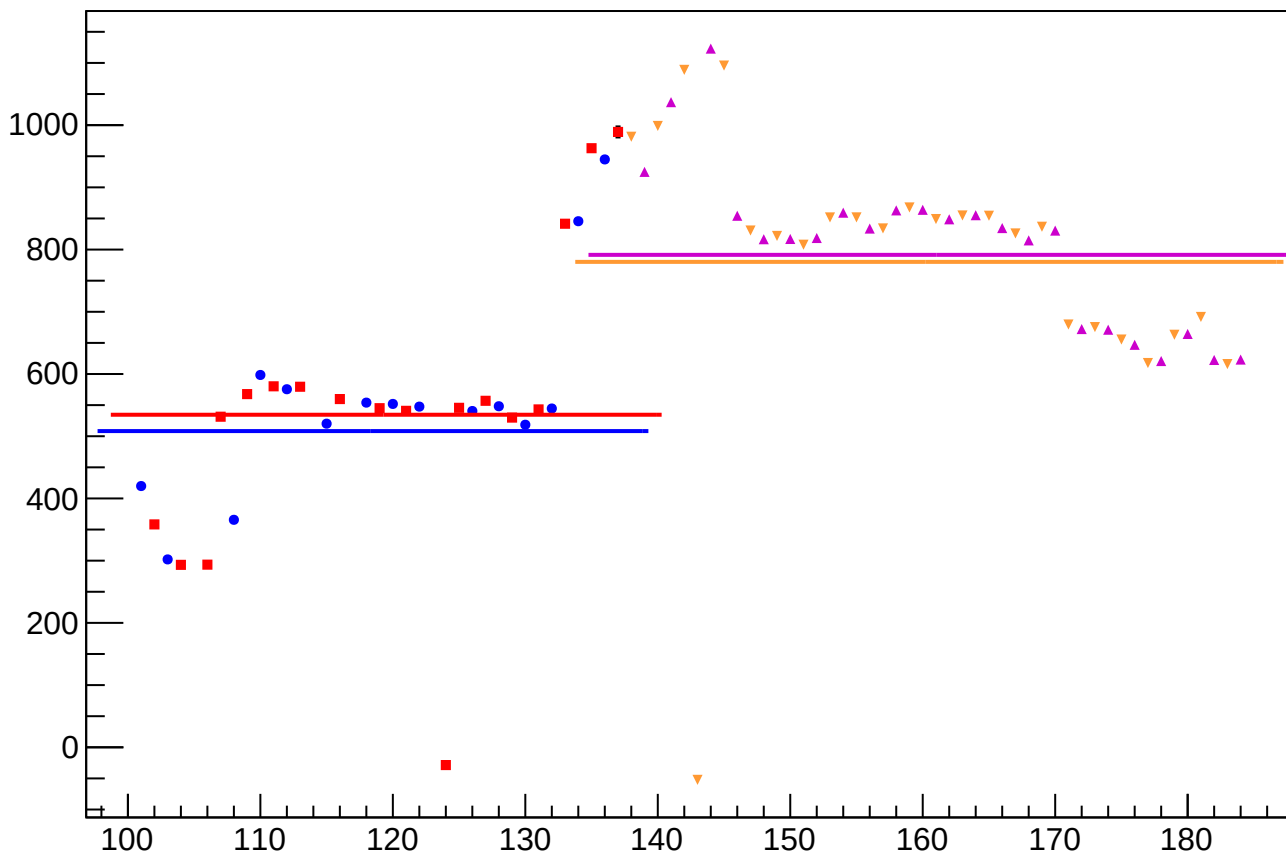
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -762.785 $\pm$ 0.123 χ^2 /NDF: 3012572.4/37

Out: -711.389 $\pm$ 0.114 χ^2 /NDF: 4181802.6/41

All: -735.189 $\pm$ 0.084 χ^2 /NDF: 7287829.4/79

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 780.239 $\pm$ 0.120 χ^2 /NDF:913991.4/23

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 791.519 $\pm$ 0.122 χ^2 /NDF:690326.2/22

Left: 785.819 $\pm$ 0.086 χ^2 /NDF: 1608659.5/46

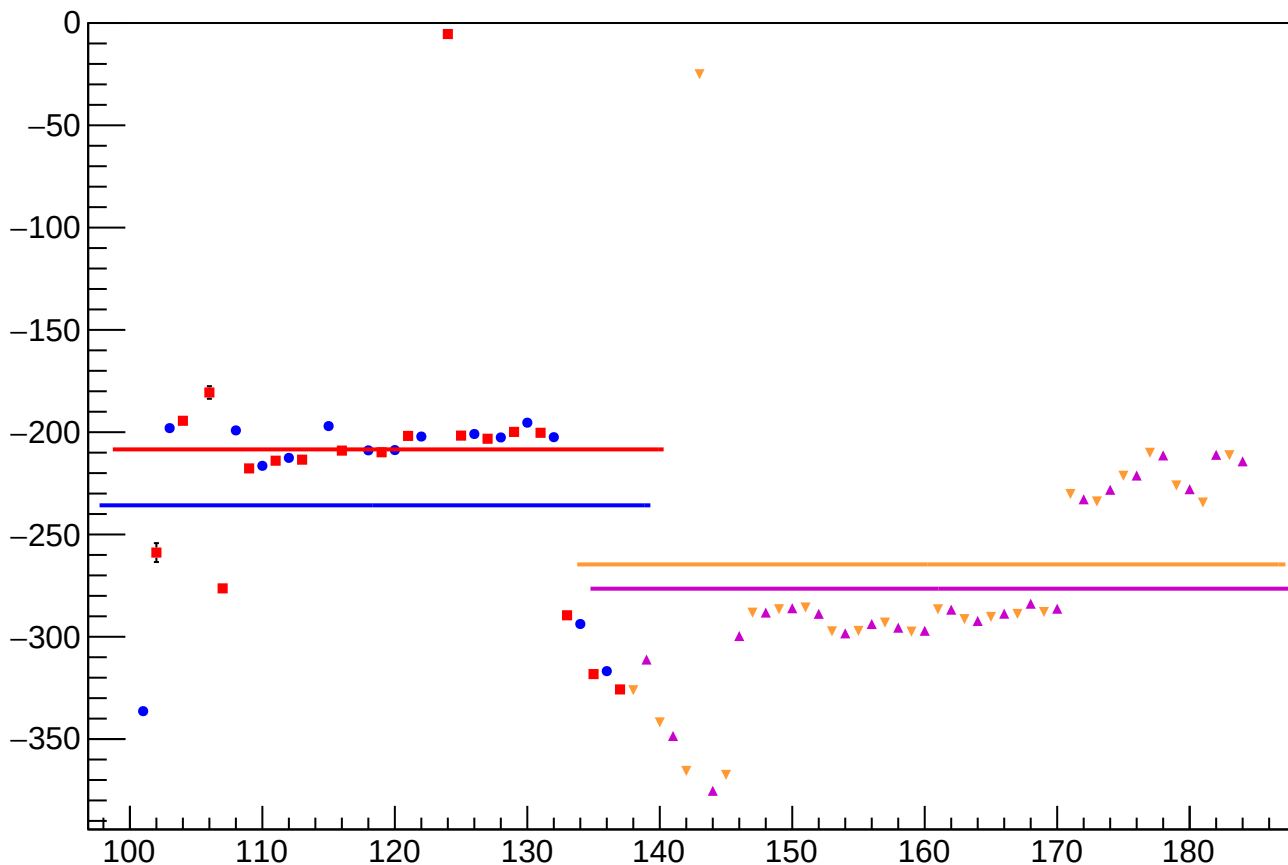
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 725.933 $\pm$ 0.107 χ^2 /NDF:2384544.5/37

Out: 722.480 $\pm$ 0.105 χ^2 /NDF:2261347.4/41

All: 724.184 $\pm$ 0.075 χ^2 /NDF: 4646422.7/79

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -264.637+/-0.022 χ^2/NDF : 7445319.1/23

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -276.494+/-0.022 χ^2/NDF : 2437121.4/22

Left: -270.489+/-0.015 χ^2/NDF : 10029242.9/46

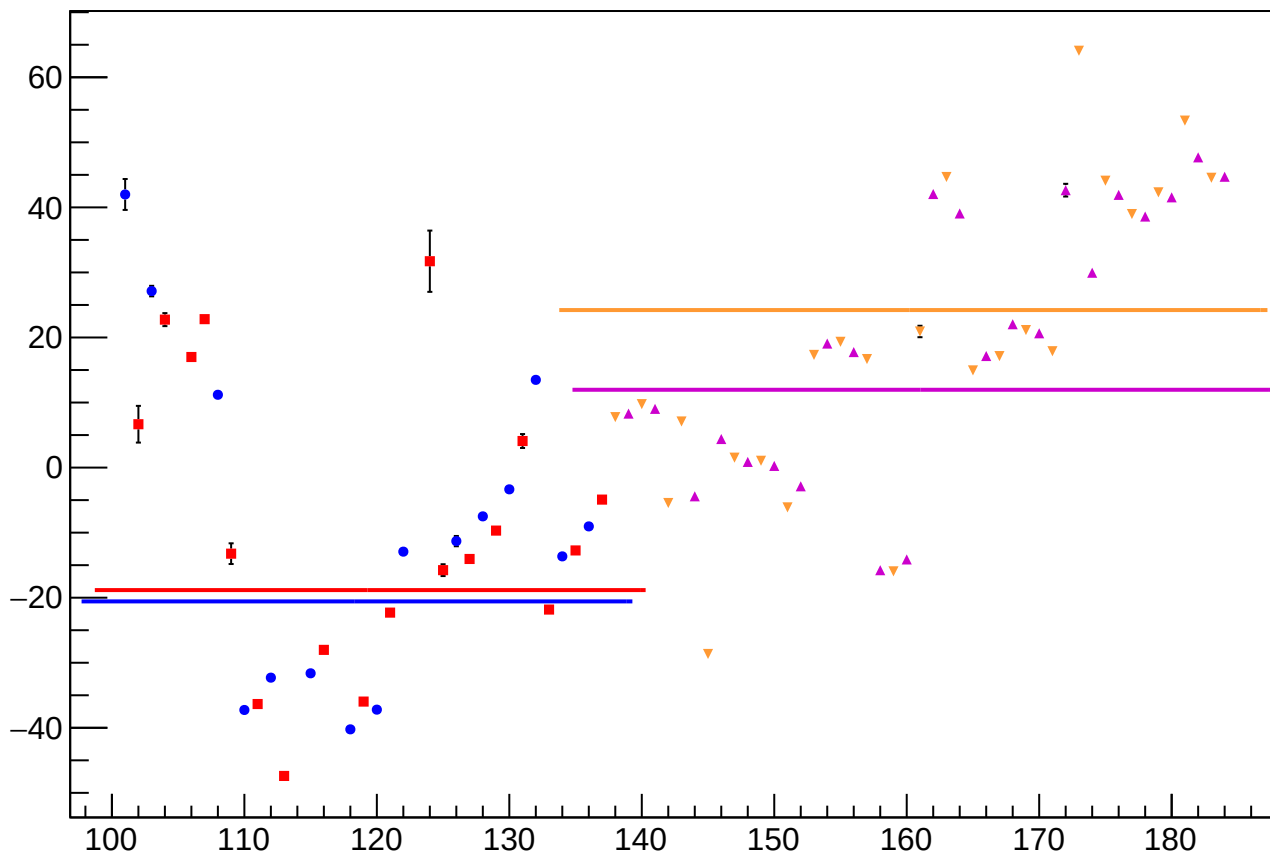
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -270.903+/-0.020 χ^2/NDF : 3783032.3/37

Out: -254.640+/-0.020 χ^2/NDF : 9009802.5/41

All: -262.470+/-0.014 χ^2/NDF : 13120587.4/77

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 24.216 ± 0.019 χ^2/NDF : 1077331.6/23

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 11.963 ± 0.018 χ^2/NDF : 1338781.7/22

Left: 17.686 ± 0.013 χ^2/NDF : 2631389.7/46

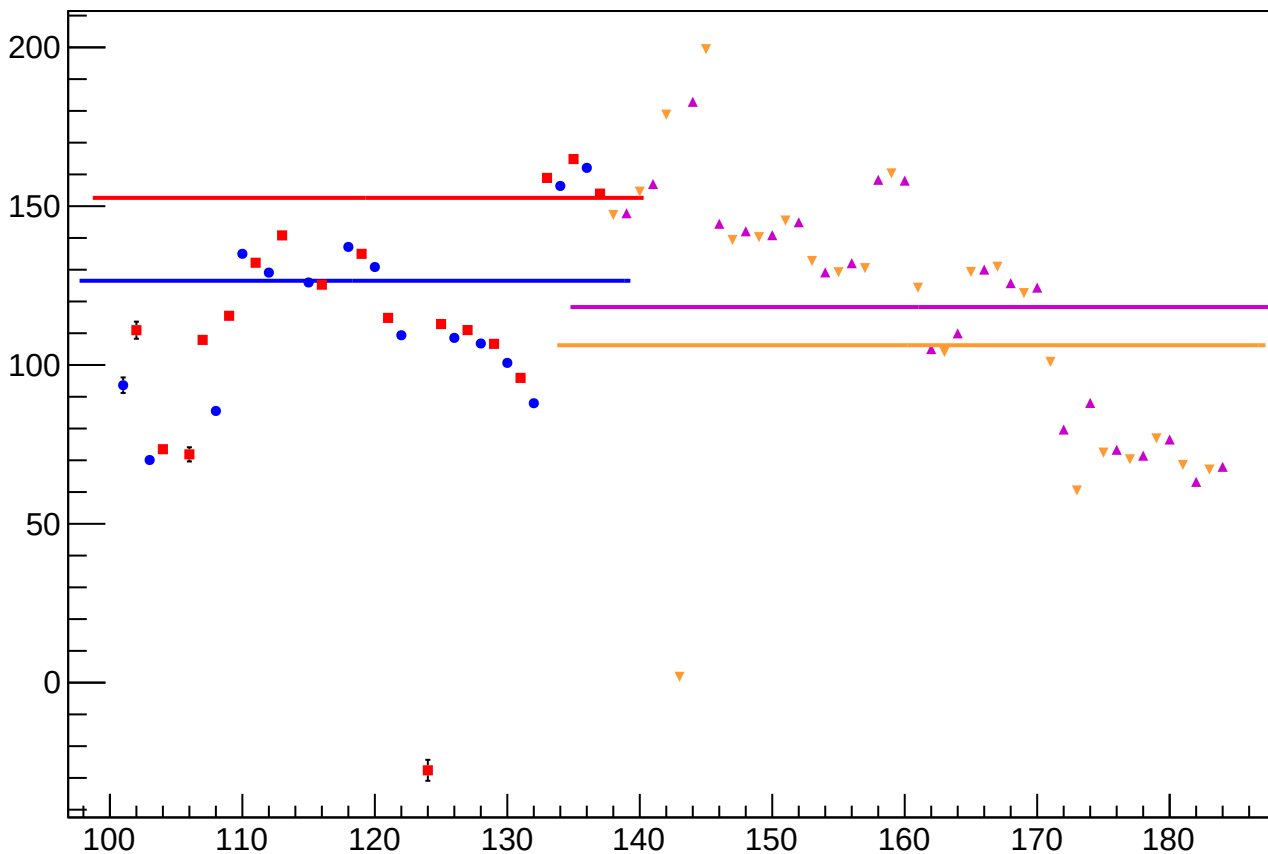
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 10.007 ± 0.017 χ^2/NDF : 1597641.2/37

Out: 22.887 ± 0.019 χ^2/NDF : 1252131.2/41

All: 15.924 ± 0.013 χ^2/NDF : 3098761.2/79

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 106.222 $\pm$ 0.024 χ^2 /NDF:1933264.7/23

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 118.249 $\pm$ 0.024 χ^2 /NDF:1825537.3/22

Left: 112.286 $\pm$ 0.017 χ^2 /NDF: 3887296.1/46

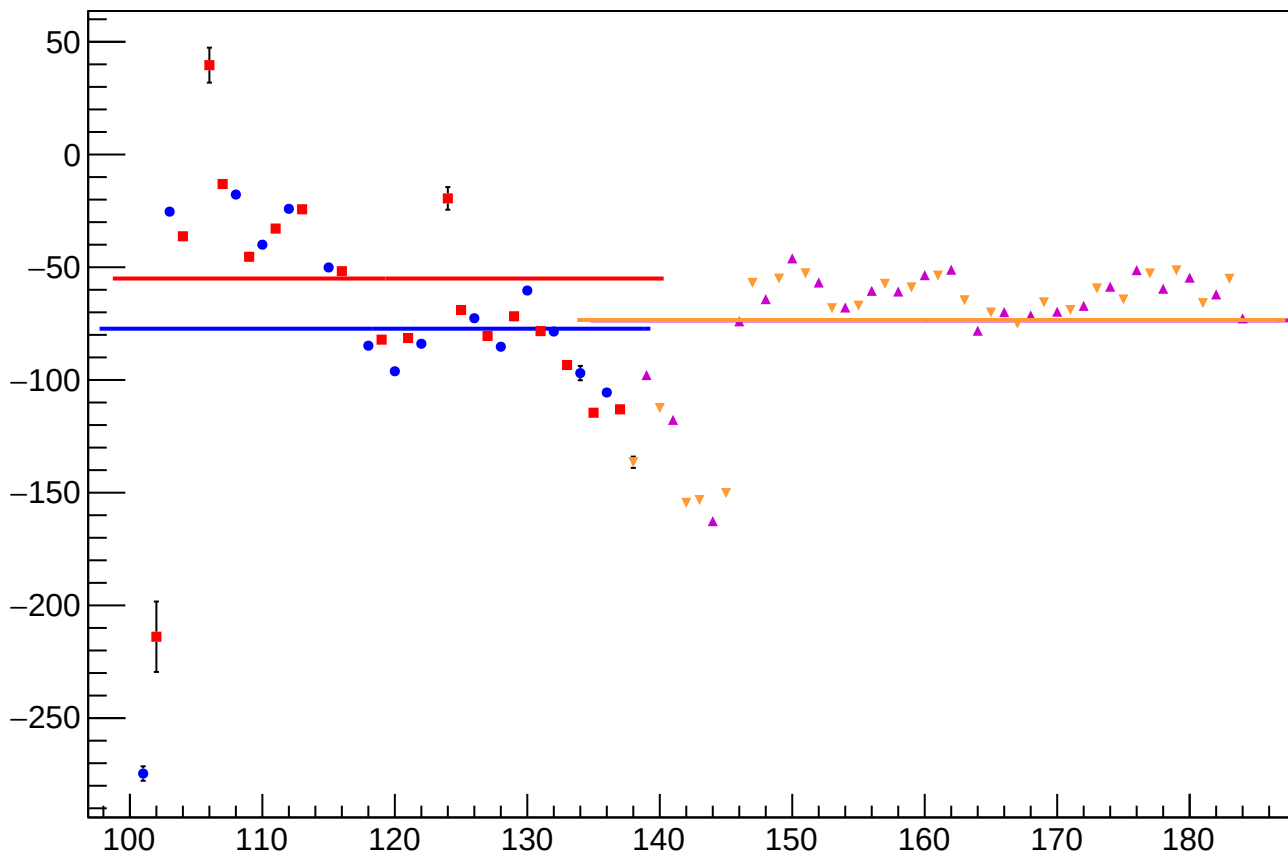
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 118.855 $\pm$ 0.023 χ^2 /NDF:1949484.4/37

Out: 123.910 $\pm$ 0.019 χ^2 /NDF:3453339.5/41

All: 121.866 $\pm$ 0.014 χ^2 /NDF: 5432244.3/79

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -73.401 ± 0.113 $\chi^2/\text{NDF}: 65784.4/23$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -73.591 ± 0.110 $\chi^2/\text{NDF}: 68577.9/22$

Left: -73.498 ± 0.079 $\chi^2/\text{NDF}: 134363.7/46$

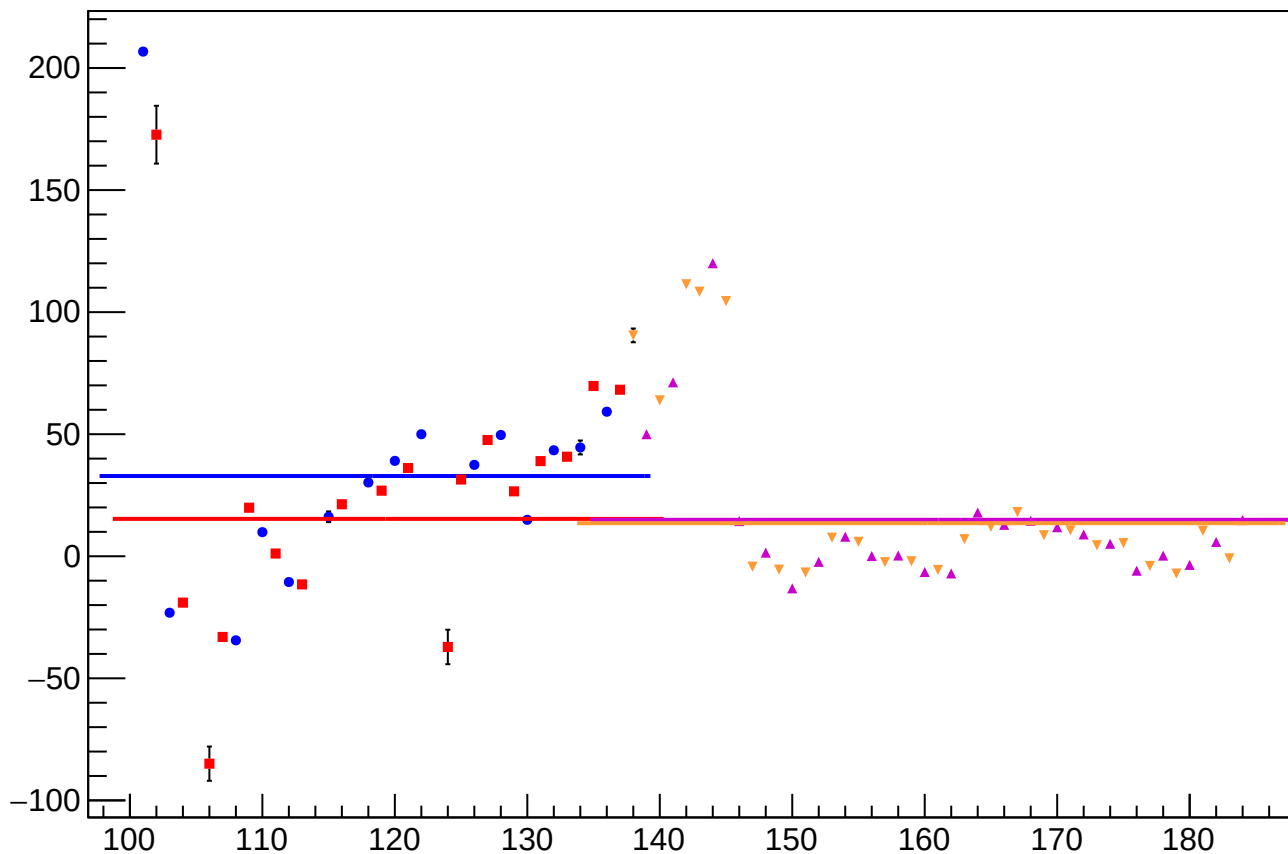
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -74.920 ± 0.088 $\chi^2/\text{NDF}: 99334.1/37$

Out: -68.624 ± 0.097 $\chi^2/\text{NDF}: 96334.3/41$

All: -72.071 ± 0.065 $\chi^2/\text{NDF}: 197977.1/79$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 13.537 $\pm$ 0.098 χ^2/NDF :96668.6/23

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 14.934 $\pm$ 0.098 χ^2/NDF :96635.9/22

Left: 14.238 $\pm$ 0.069 χ^2/NDF : 193405.5/46

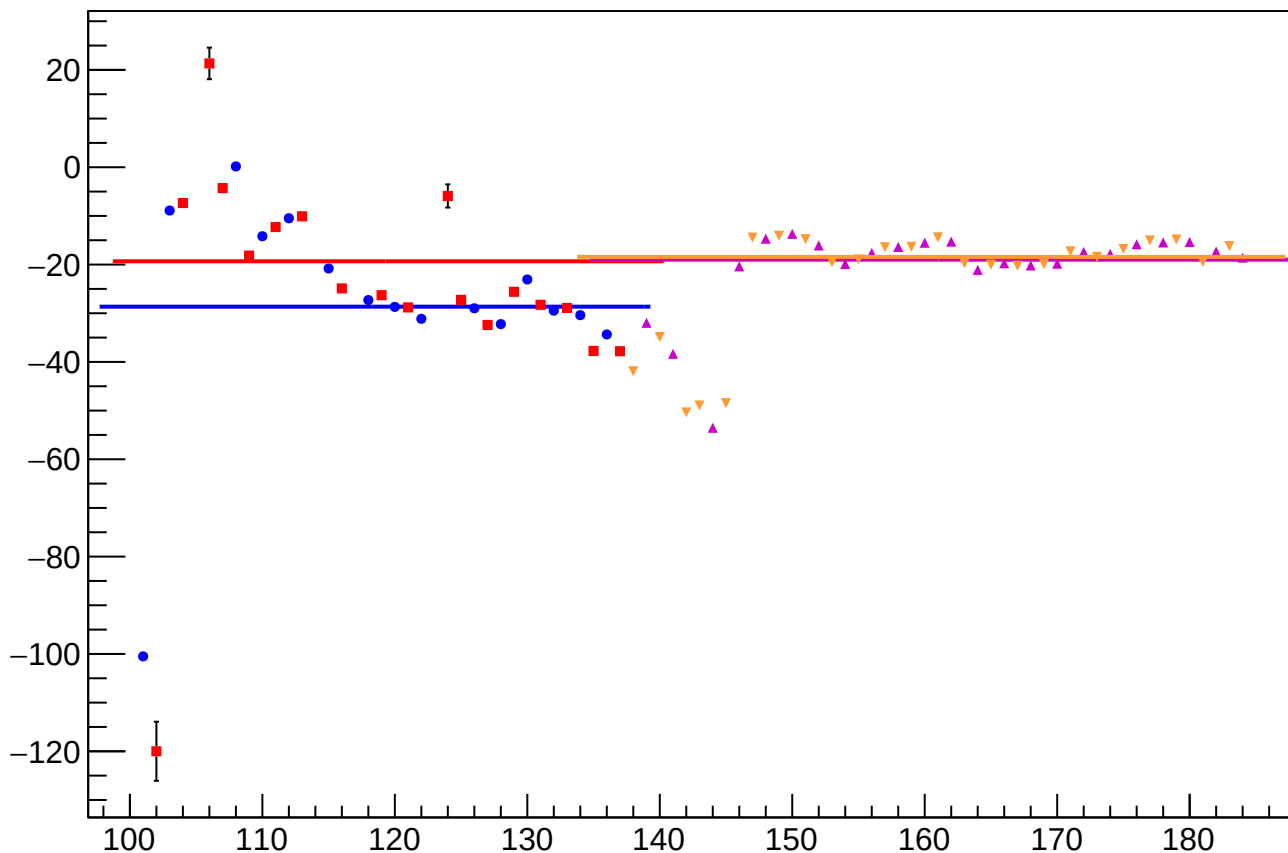
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 20.505 $\pm$ 0.081 χ^2/NDF :138429.5/37

Out: 13.857 $\pm$ 0.089 χ^2/NDF :113473.1/41

All: 17.483 $\pm$ 0.060 χ^2/NDF : 254936.1/79

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.420 ± 0.013 $\chi^2/\text{NDF}: 233958.1/23$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -18.993 ± 0.014 $\chi^2/\text{NDF}: 207001.6/22$

Left: -18.686 ± 0.010 $\chi^2/\text{NDF}: 441866.4/46$

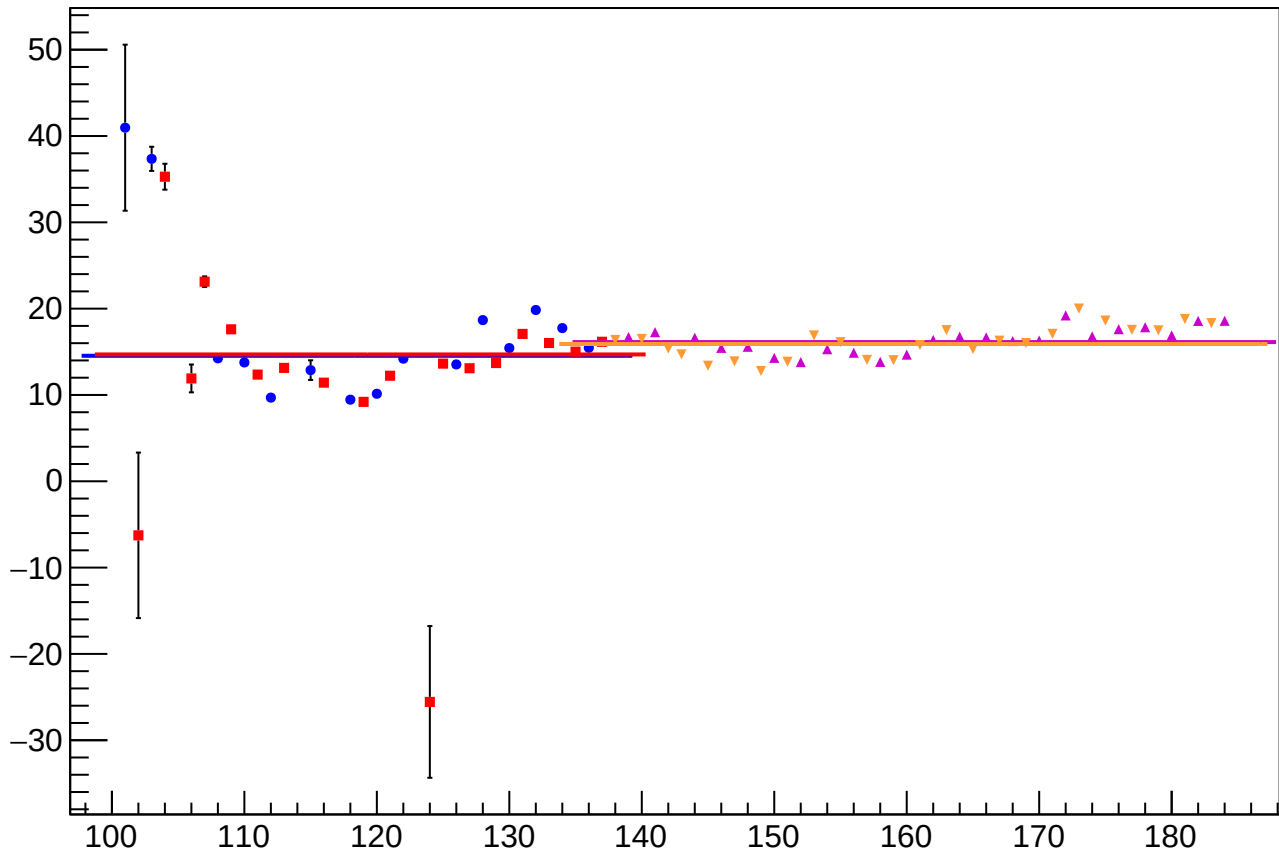
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -20.367 ± 0.013 $\chi^2/\text{NDF}: 388525.1/37$

Out: -18.508 ± 0.012 $\chi^2/\text{NDF}: 291014.1/41$

All: -19.393 ± 0.009 $\chi^2/\text{NDF}: 690375.6/79$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.905+/-0.014 χ^2/NDF :13263.3/23

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.127+/-0.013 χ^2/NDF :12045.9/22

Left: 16.026+/-0.009 χ^2/NDF : 25449.4/46

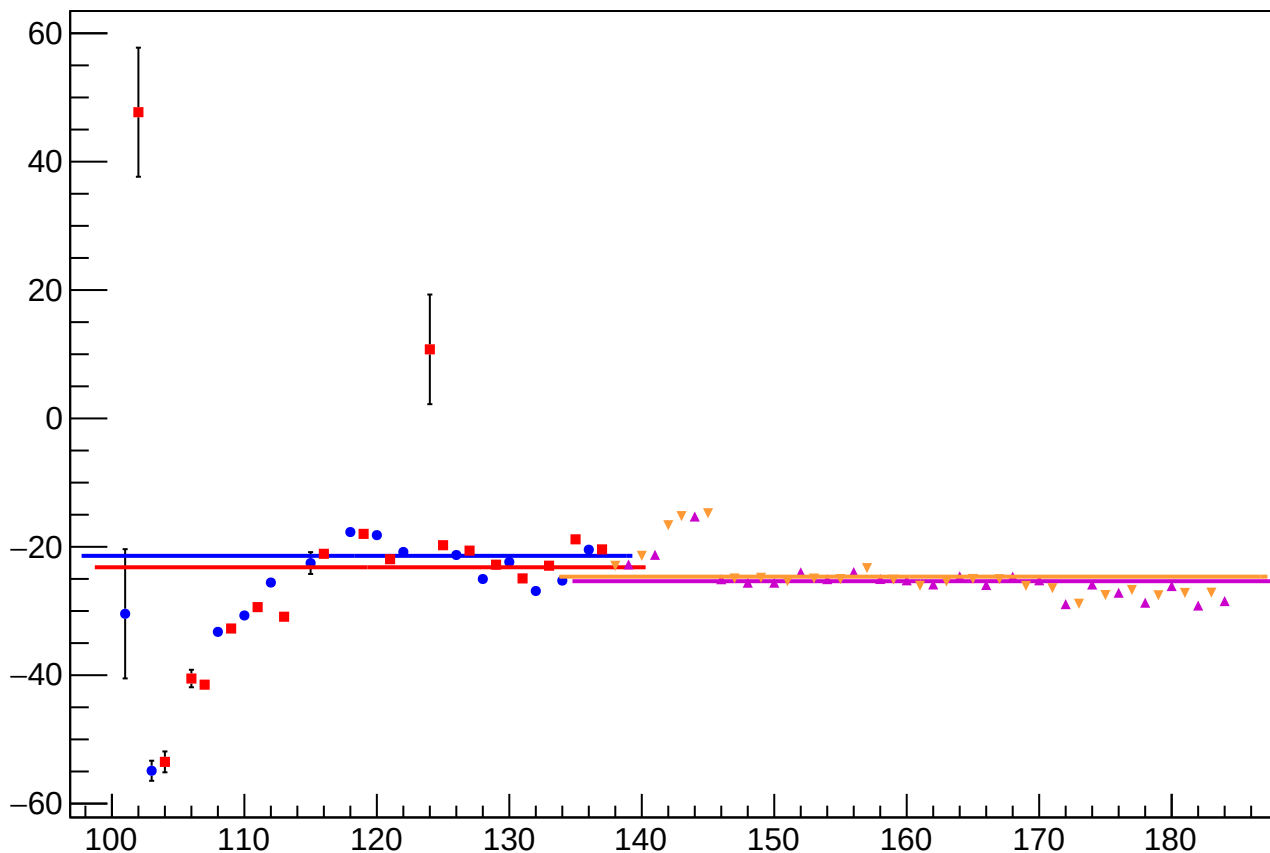
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.884+/-0.012 χ^2/NDF :26522.5/37

Out: 15.794+/-0.013 χ^2/NDF :15598.9/41

All: 15.845+/-0.009 χ^2/NDF : 42147.6/79

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.650 ± 0.016 $\chi^2/\text{NDF}: 43859.4/23$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -25.356 ± 0.016 $\chi^2/\text{NDF}: 16913.2/22$

Left: -25.006 ± 0.011 $\chi^2/\text{NDF}: 61755.2/46$

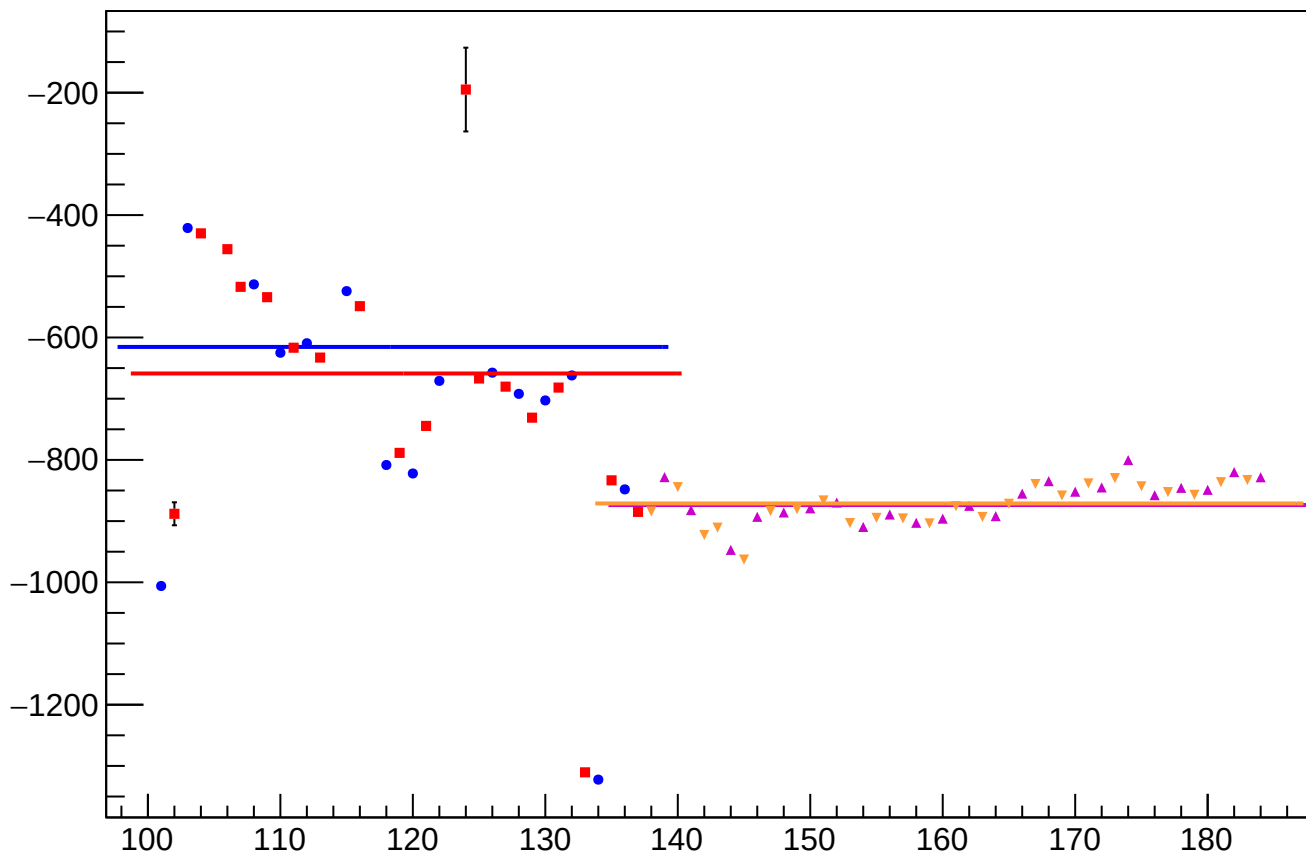
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.701 ± 0.014 $\chi^2/\text{NDF}: 36886.6/37$

Out: -24.519 ± 0.015 $\chi^2/\text{NDF}: 53733.5/41$

All: -24.615 ± 0.011 $\chi^2/\text{NDF}: 90694.9/79$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -871.166+/-0.128 χ^2/NDF : 49892.1/23

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -873.739+/-0.123 χ^2/NDF : 58452.7/22

Left: -872.501+/-0.089 χ^2/NDF : 108554.3/46

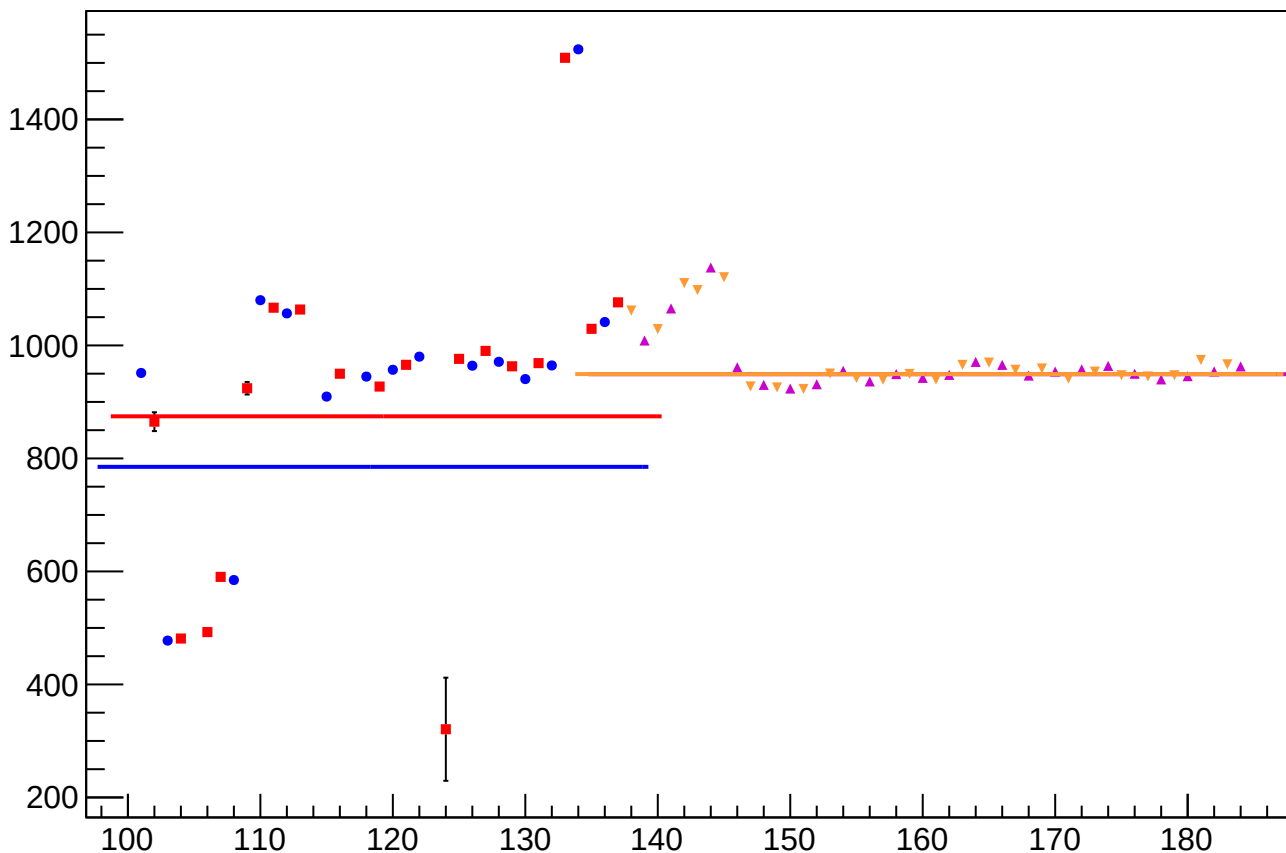
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -818.940+/-0.109 χ^2/NDF : 1372520.1/37

Out: -828.729+/-0.115 χ^2/NDF : 984604.6/41

All: -823.610+/-0.079 χ^2/NDF : 2360942.8/79

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 +/- 0.228 χ^2/NDF : 886147.1/14

Left Out: 949.270 +/- 0.102 χ^2/NDF : 74403.1/23

Right Out: 874.516 +/- 0.261 χ^2/NDF : 842565.5/17

Left In: 949.032 +/- 0.102 χ^2/NDF : 76875.5/22

Left: 949.152 +/- 0.072 χ^2/NDF : 151281.3/46

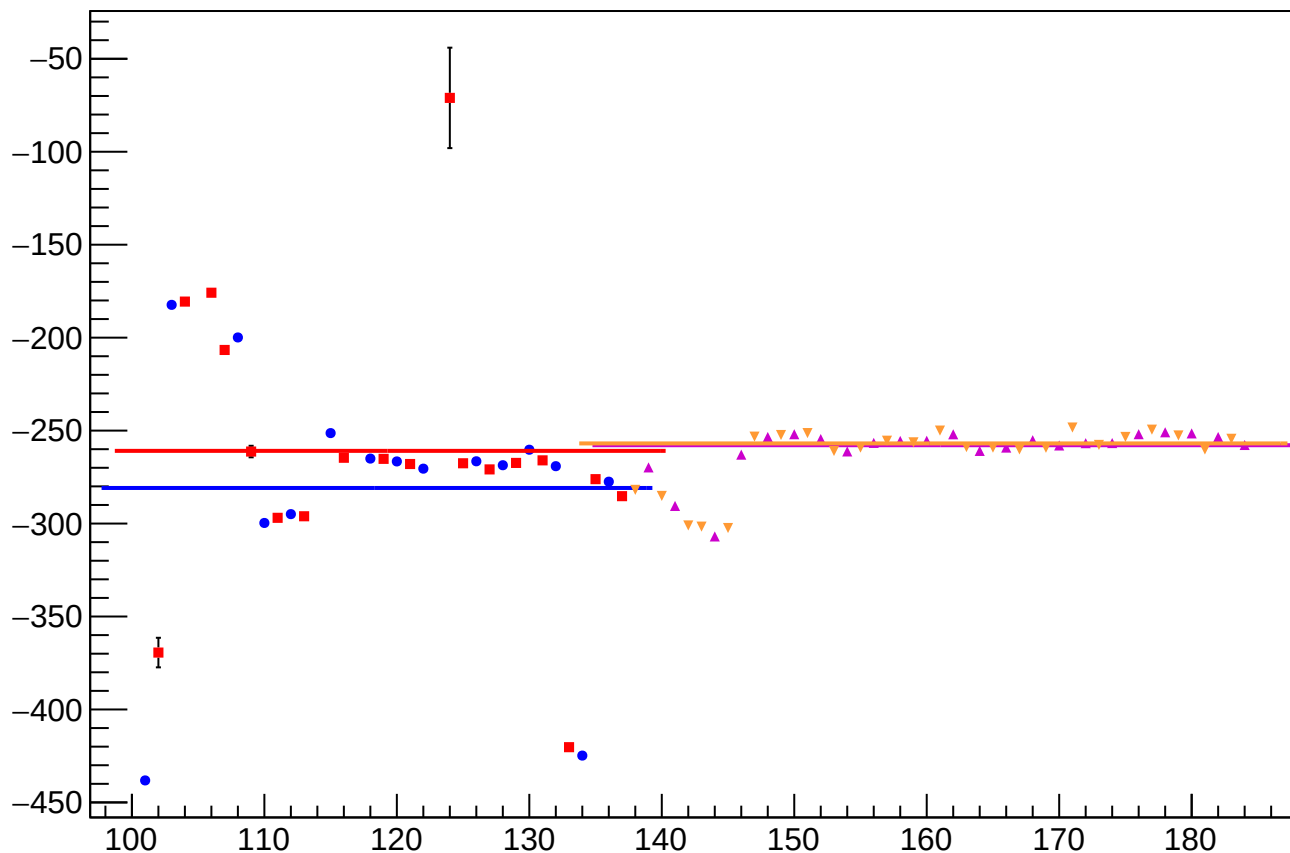
Right: 823.762 +/- 0.172 χ^2/NDF : 1795202.4/32

In: 921.528 +/- 0.093 χ^2/NDF : 1393133.4/37

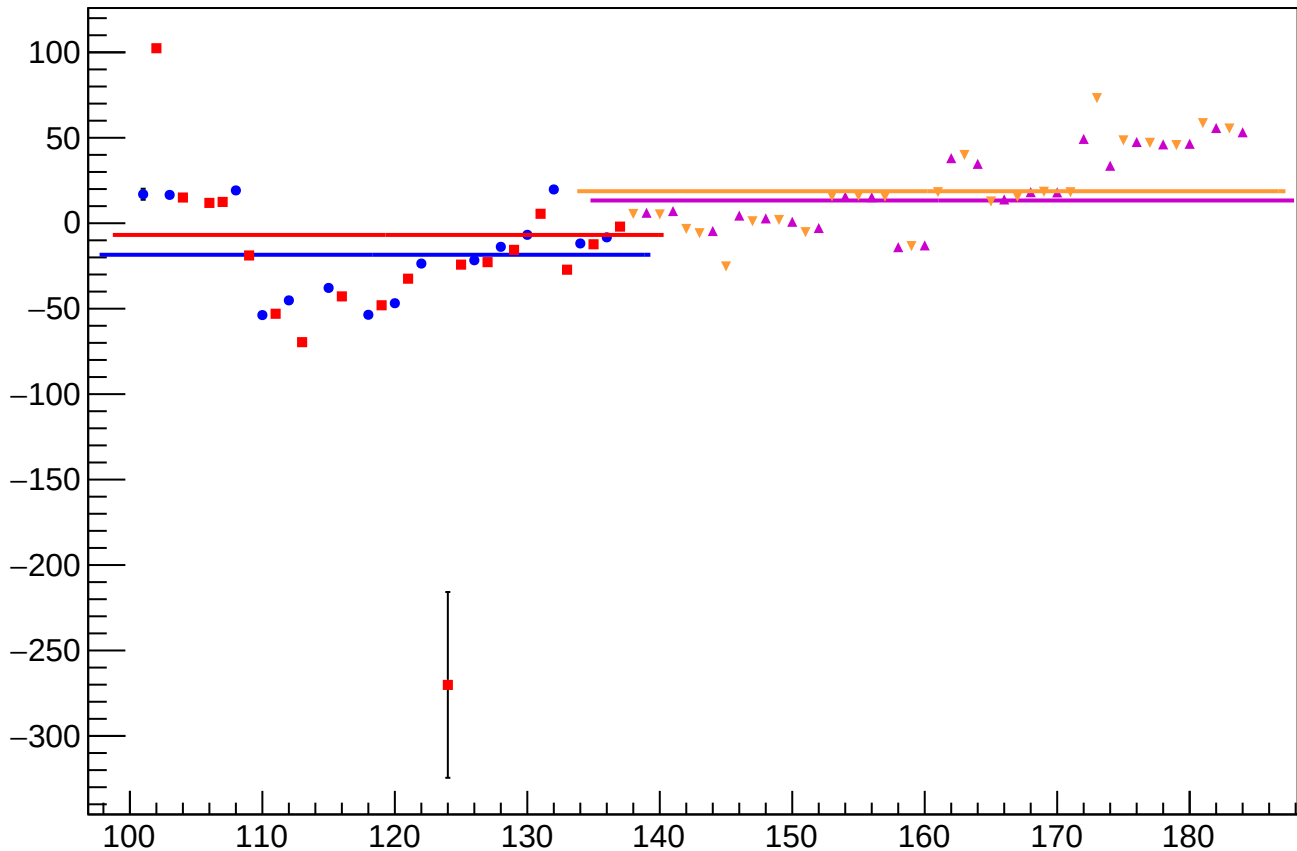
Out: 939.380 +/- 0.095 χ^2/NDF : 988006.8/41

All: 930.300 +/- 0.067 χ^2/NDF : 2399088.4/79

dit_atr2_11X12X_slope vs Slug, Sign Corrected



dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 18.734 ± 0.019 $\chi^2/\text{NDF}: 1270961.0/23$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 13.314 ± 0.019 $\chi^2/\text{NDF}: 1023799.5/22$

Left: 16.017 ± 0.013 $\chi^2/\text{NDF}: 2336431.1/46$

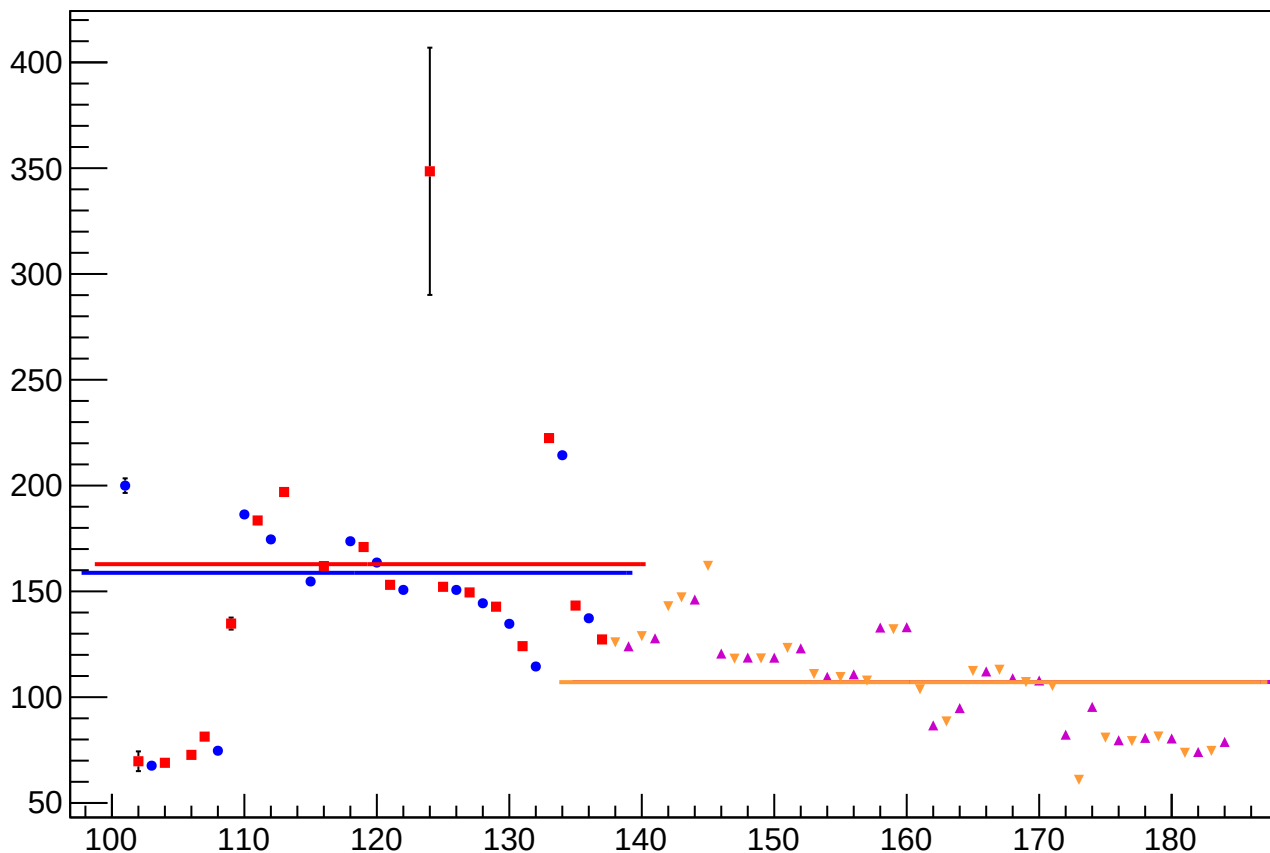
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 12.027 ± 0.018 $\chi^2/\text{NDF}: 1186597.8/37$

Out: 16.736 ± 0.018 $\chi^2/\text{NDF}: 1465618.3/41$

All: 14.422 ± 0.013 $\chi^2/\text{NDF}: 2685639.1/79$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 107.102 ± 0.023 χ^2/NDF : 654702.0/23

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 107.162 ± 0.020 χ^2/NDF : 786041.1/22

Left: 107.136 ± 0.015 χ^2/NDF : 1440747.2/46

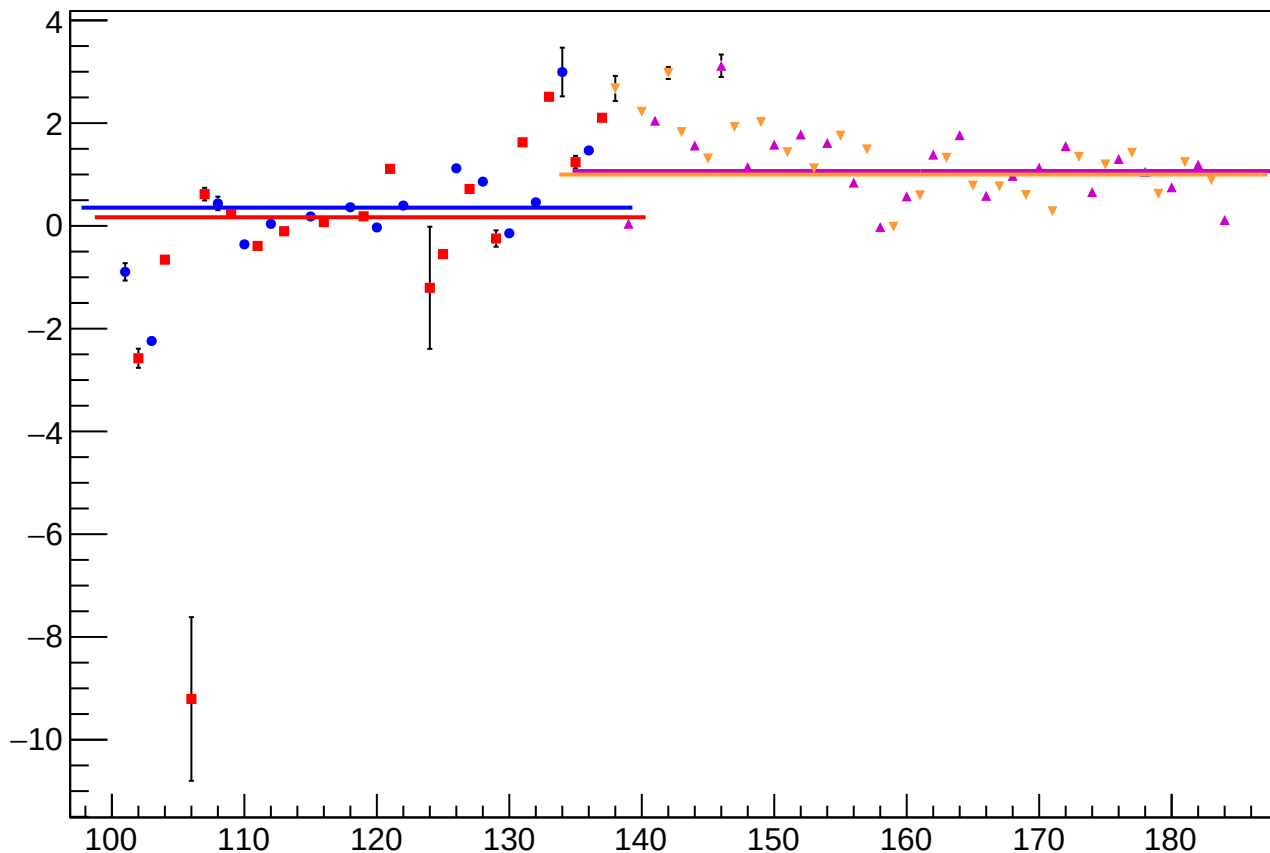
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 109.606 ± 0.019 χ^2/NDF : 1270436.2/37

Out: 110.208 ± 0.022 χ^2/NDF : 1148326.7/41

All: 109.866 ± 0.014 χ^2/NDF : 2419188.1/79

dit_sam1_4aX_slope vs Slug, Sign Corrected



Left: 1.035 ± 0.005 $\chi^2/\text{NDF}: 13950.1/46$

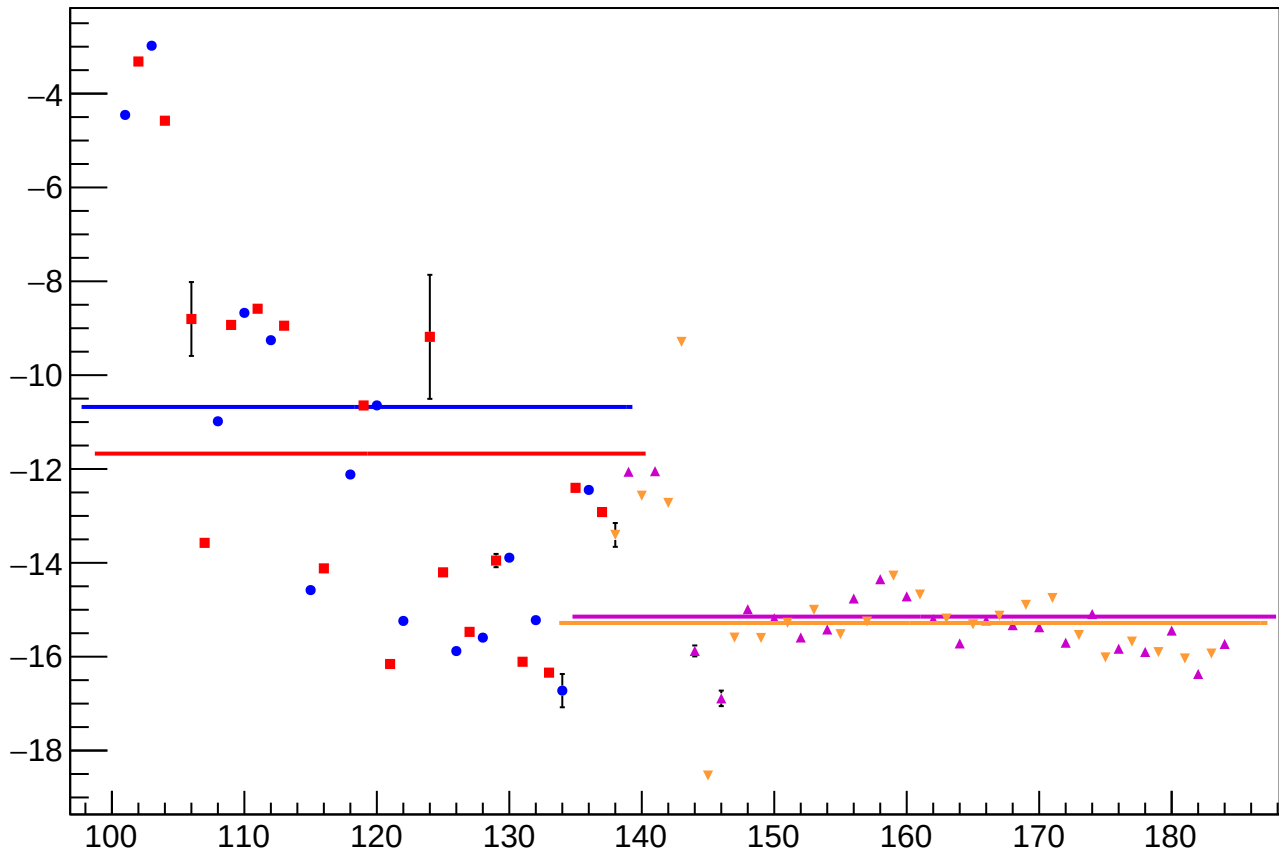
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.902 ± 0.006 $\chi^2/\text{NDF}: 14216.9/37$

Out: 0.632 ± 0.005 $\chi^2/\text{NDF}: 17703.1/41$

All: 0.752 ± 0.004 $\chi^2/\text{NDF}: 33183.2/79$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -15.281 ± 0.005 $\chi^2/\text{NDF}: 40702.2/23$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.146 ± 0.006 $\chi^2/\text{NDF}: 15634.6/22$

Left: -15.218 ± 0.004 $\chi^2/\text{NDF}: 56627.4/46$

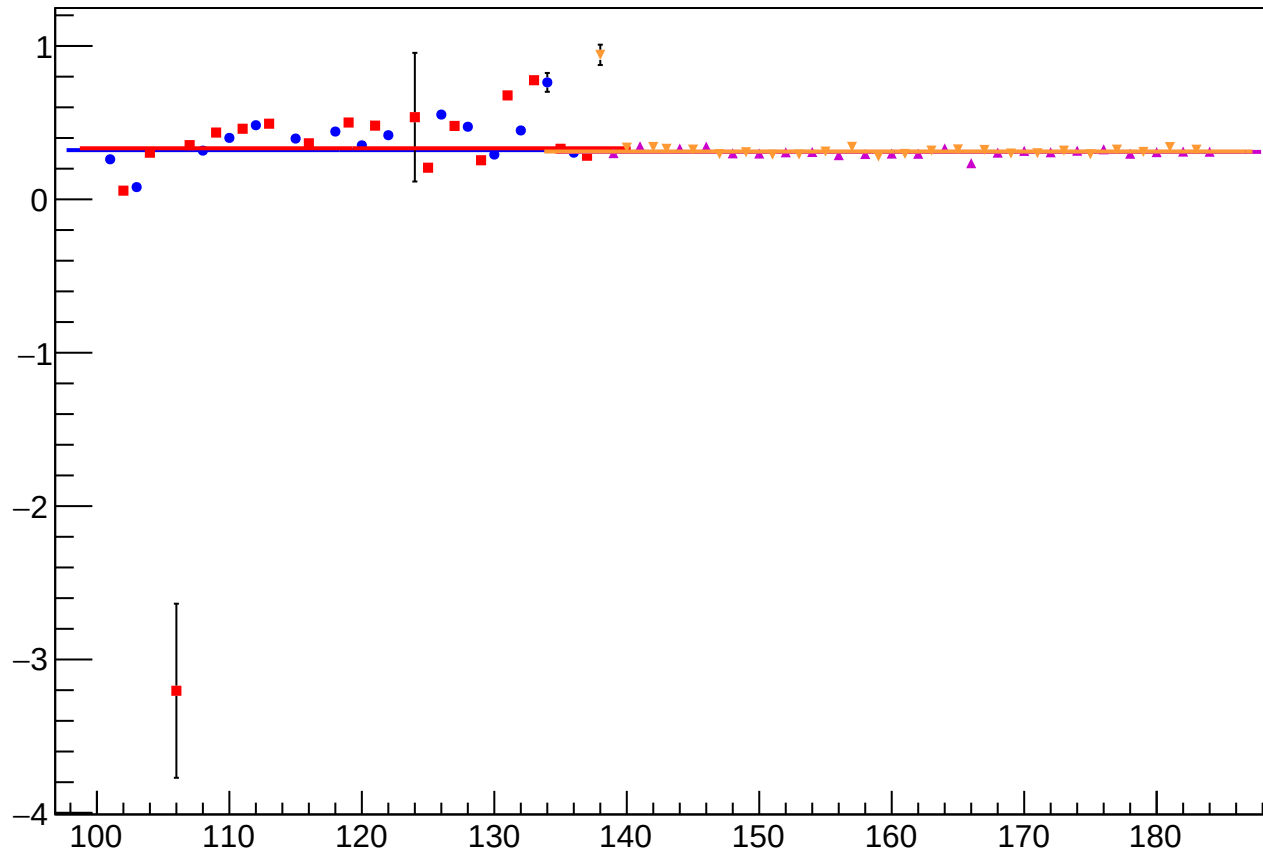
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -14.071 ± 0.005 $\chi^2/\text{NDF}: 385958.5/37$

Out: -14.638 ± 0.005 $\chi^2/\text{NDF}: 227536.8/41$

All: -14.362 ± 0.004 $\chi^2/\text{NDF}: 619967.4/79$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.312+/-0.000 χ^2/NDF : 5414.1/23

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF : 2994.1/22

Left: 0.311+/-0.000 χ^2/NDF : 8461.8/46

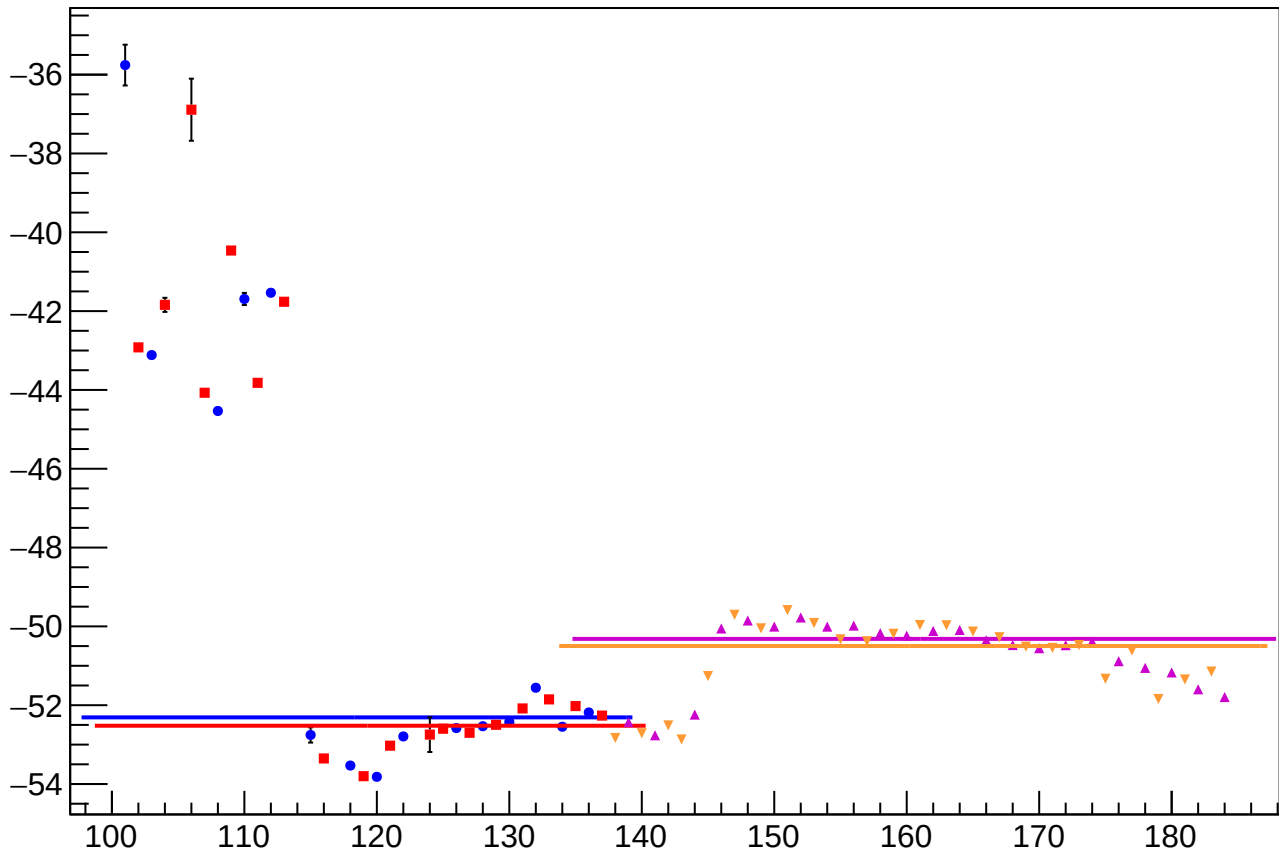
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 7153.2/37

Out: 0.312+/-0.000 χ^2/NDF : 9863.0/41

All: 0.311+/-0.000 χ^2/NDF : 17073.3/79

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.498 ± 0.001 χ^2/NDF : 275427.5/23

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.317 ± 0.001 χ^2/NDF : 186234.6/22

Left: -50.396 ± 0.001 χ^2/NDF : 470333.0/46

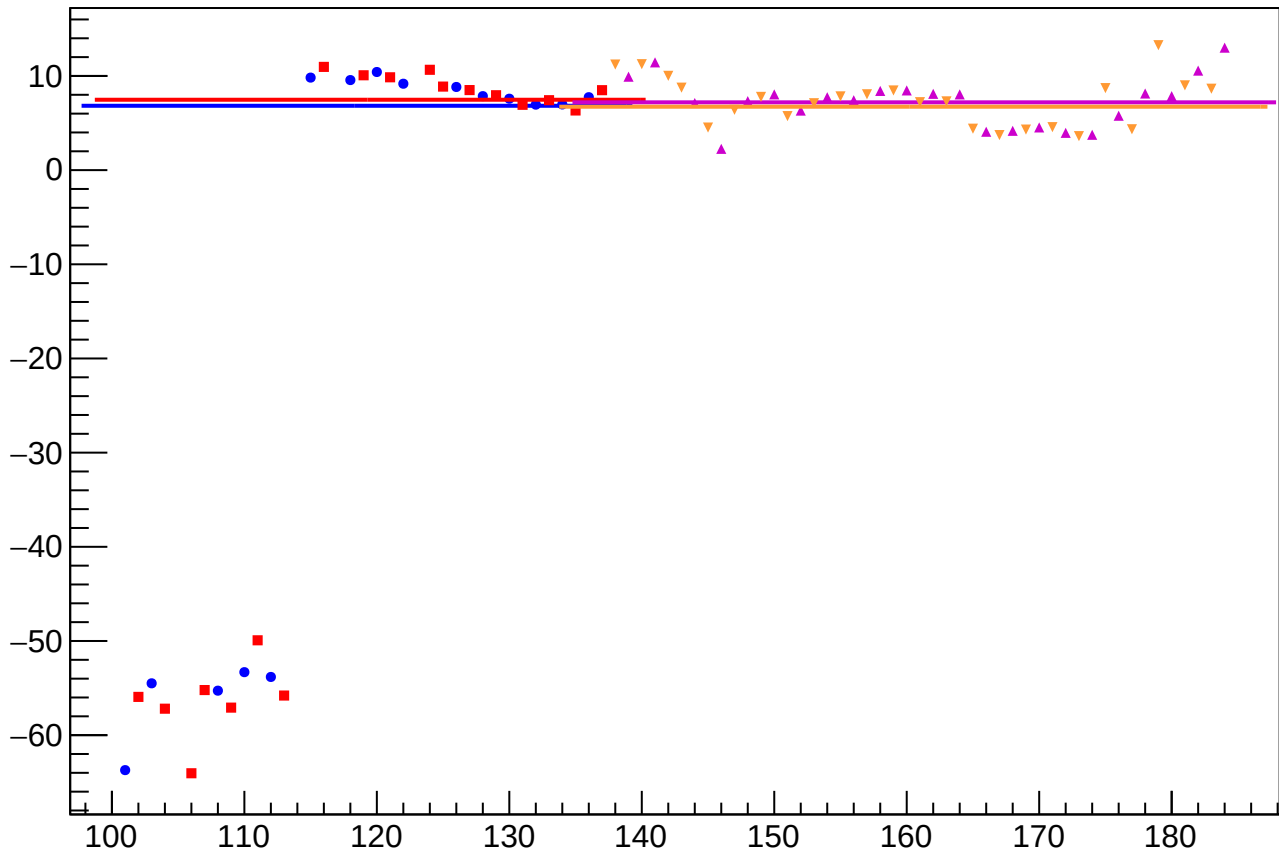
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.473 ± 0.001 χ^2/NDF : 427415.3/37

Out: -50.682 ± 0.001 χ^2/NDF : 527412.0/41

All: -50.565 ± 0.001 χ^2/NDF : 967487.1/79

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.734 ± 0.004 $\chi^2/\text{NDF}: 335883.2/23$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.199 ± 0.003 $\chi^2/\text{NDF}: 202969.6/22$

Left: 6.984 ± 0.003 $\chi^2/\text{NDF}: 547226.9/46$

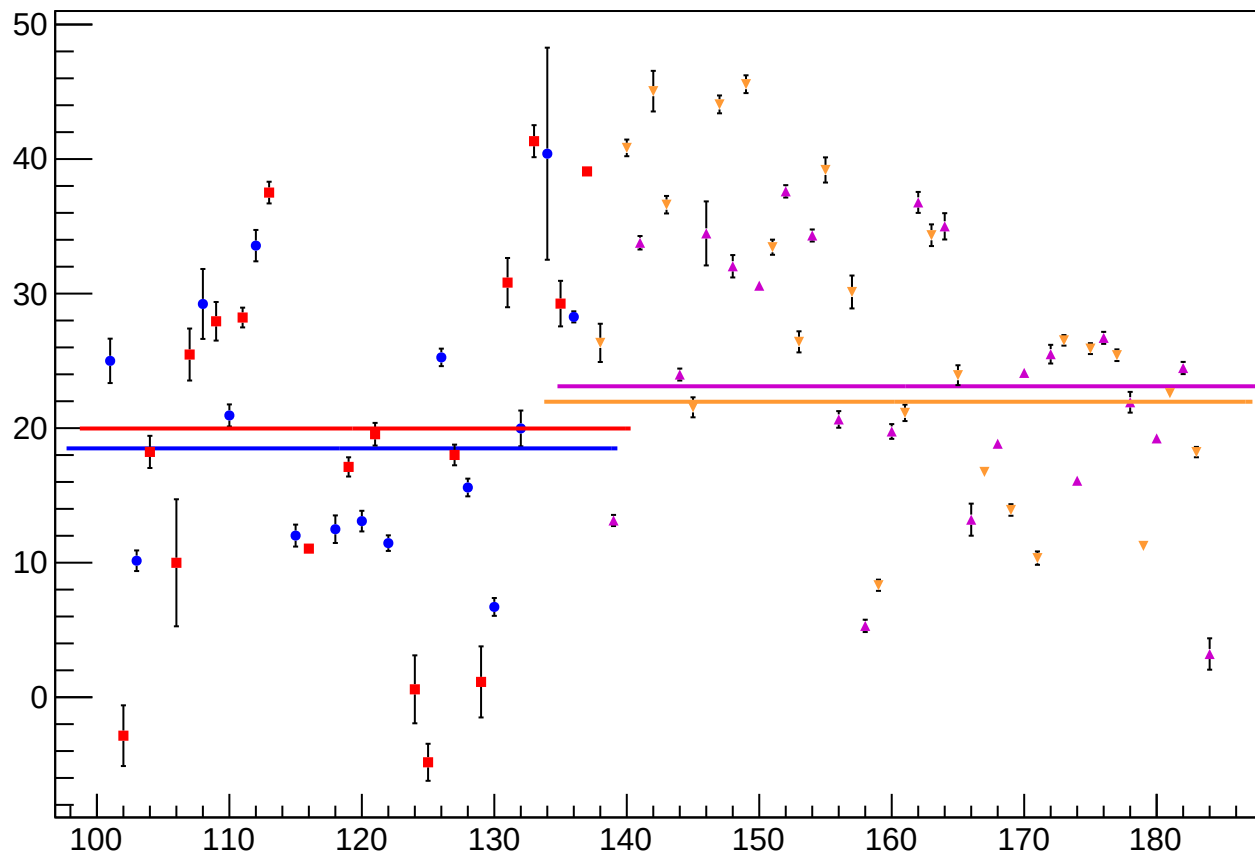
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.083 ± 0.003 $\chi^2/\text{NDF}: 1197093.7/37$

Out: 6.836 ± 0.003 $\chi^2/\text{NDF}: 1536849.1/41$

All: 6.983 ± 0.002 $\chi^2/\text{NDF}: 2736961.4/79$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 21.963 $\pm$ 0.101 χ^2 /NDF:8944.2/23

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 23.111 $\pm$ 0.097 χ^2 /NDF:6631.9/22

Left: 22.558 $\pm$ 0.070 χ^2 /NDF: 15643.6/46

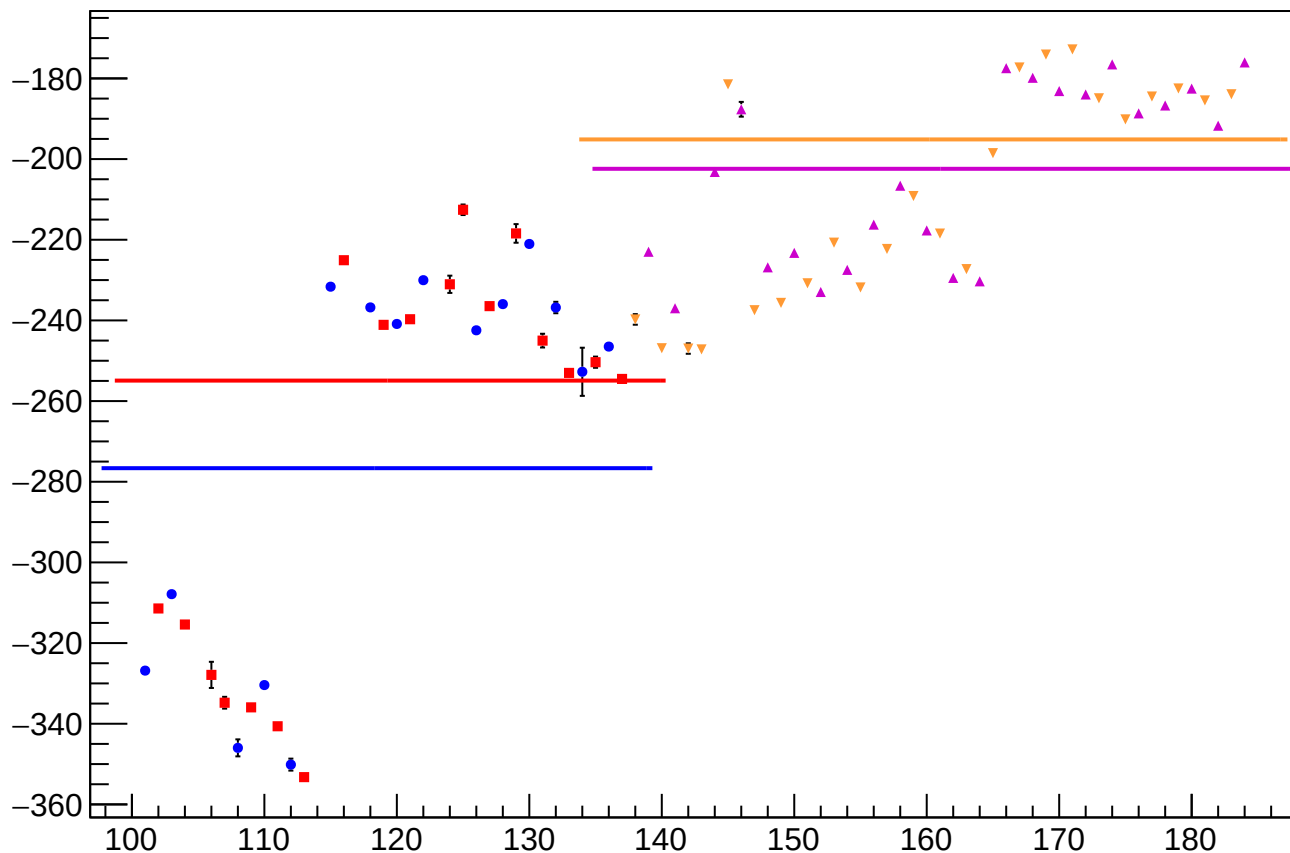
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.231 $\pm$ 0.087 χ^2 /NDF:8699.4/37

Out: 21.218 $\pm$ 0.080 χ^2 /NDF:18291.6/41

All: 21.678 $\pm$ 0.059 χ^2 /NDF: 27064.4/79

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -195.126 ± 0.084 $\chi^2/\text{NDF}: 70659.4/23$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -202.410 ± 0.086 $\chi^2/\text{NDF}: 63292.5/22$

Left: -198.691 ± 0.060 $\chi^2/\text{NDF}: 137627.8/46$

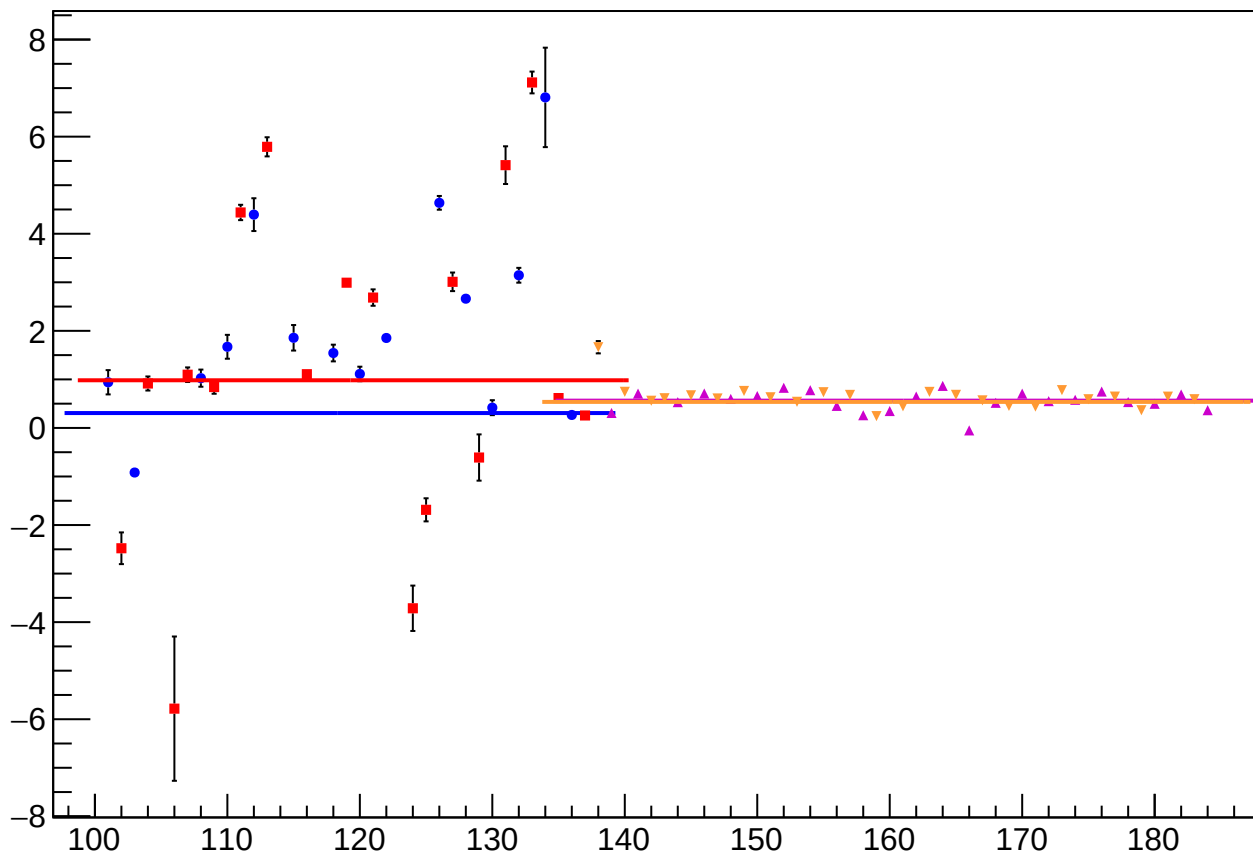
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -221.179 ± 0.074 $\chi^2/\text{NDF}: 329504.4/37$

Out: -229.927 ± 0.054 $\chi^2/\text{NDF}: 437188.4/41$

All: -226.872 ± 0.044 $\chi^2/\text{NDF}: 775741.0/79$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.536 $\pm$ 0.002 χ^2 /NDF:11037.4/23

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.562 $\pm$ 0.001 χ^2 /NDF:16291.7/22

Left: 0.551 $\pm$ 0.001 χ^2 /NDF: 27467.5/46

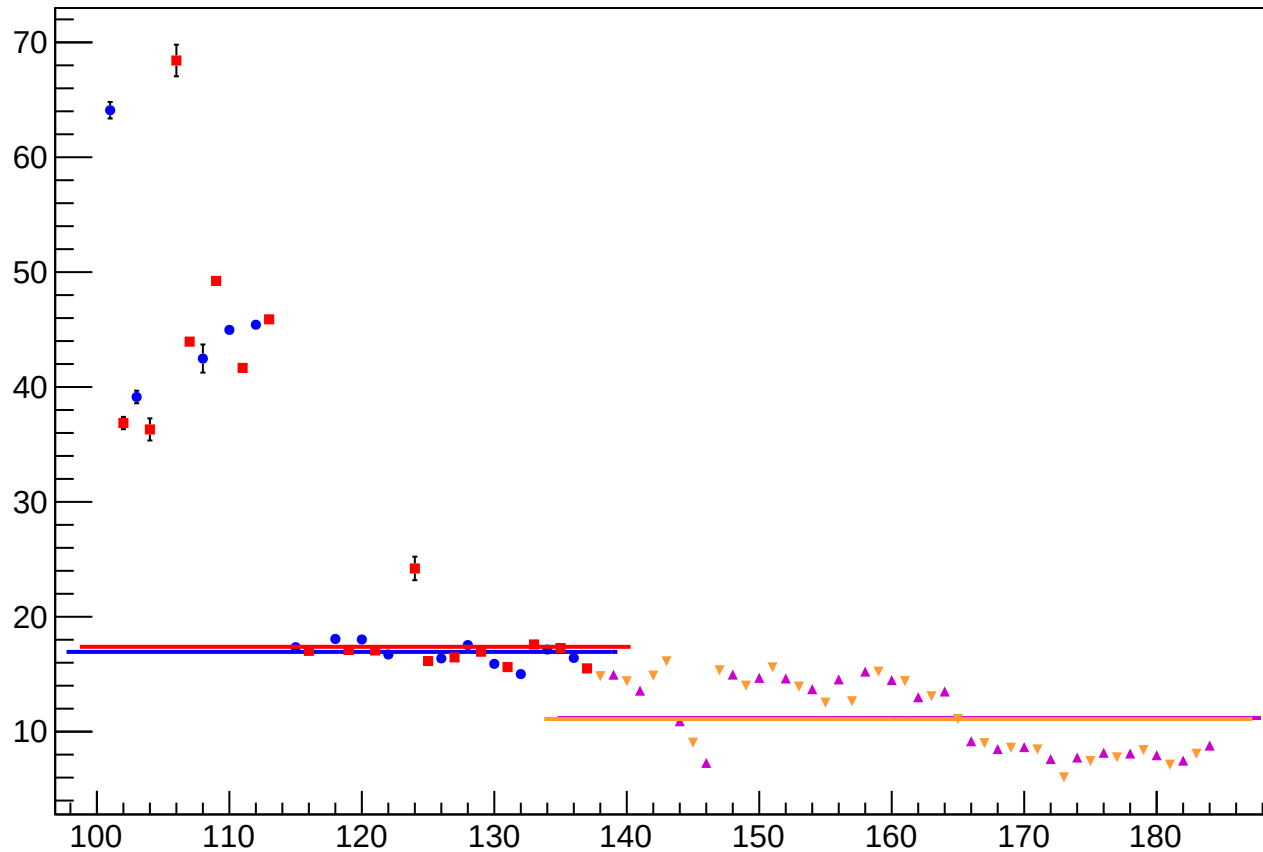
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.551 $\pm$ 0.001 χ^2 /NDF:20493.3/37

Out: 0.542 $\pm$ 0.002 χ^2 /NDF:15322.1/41

All: 0.547 $\pm$ 0.001 χ^2 /NDF: 35831.5/79

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941+/-0.013 χ^2/NDF : 29019.8/14

Left Out: 11.097+/-0.007 χ^2/NDF : 262500.6/23

Right Out: 17.385+/-0.018 χ^2/NDF : 61131.5/17

Left In: 11.184+/-0.007 χ^2/NDF : 221112.8/22

Left: 11.141+/-0.005 χ^2/NDF : 483697.8/46

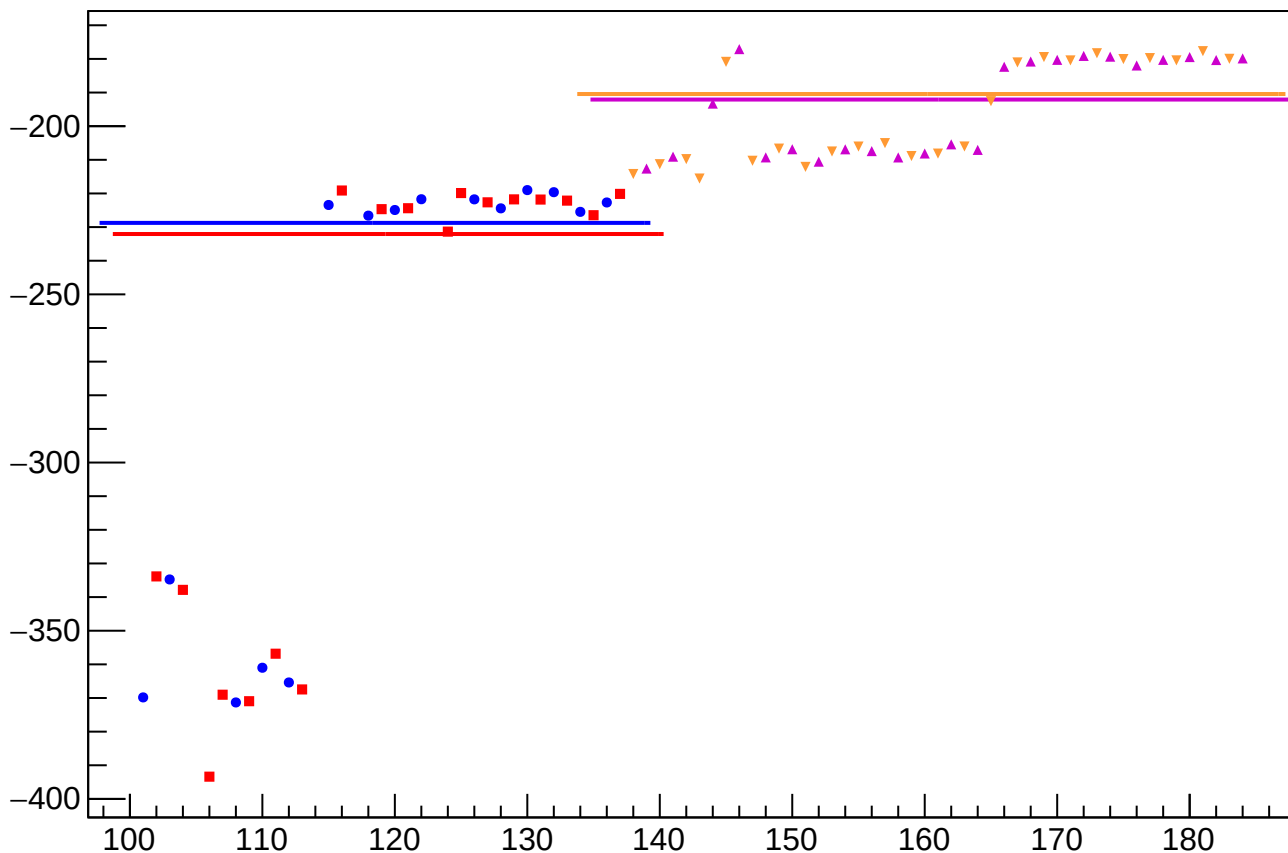
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

In: 12.416+/-0.006 χ^2/NDF : 407402.8/37

Out: 11.903+/-0.006 χ^2/NDF : 435058.9/41

All: 12.174+/-0.004 χ^2/NDF : 845973.0/79

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 χ^2/NDF : 657578.5/14

Left Out: -190.438 ± 0.012 χ^2/NDF : 1505401.0/23

Right Out: -232.058 ± 0.041 χ^2/NDF : 791526.5/17

Left In: -192.086 ± 0.012 χ^2/NDF : 1430161.9/22

Left: -191.261 ± 0.008 χ^2/NDF : 2945654.2/46

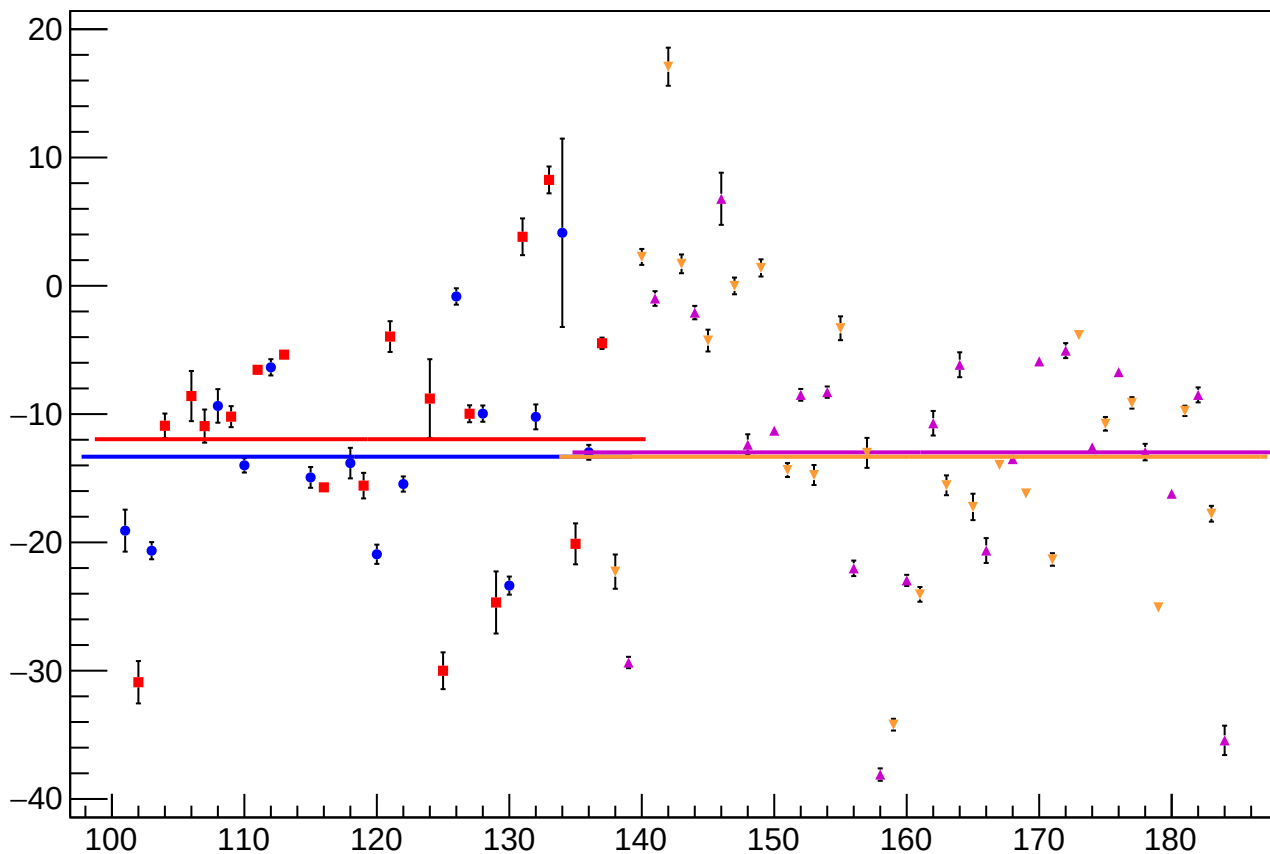
Right: -230.117 ± 0.027 χ^2/NDF : 1452870.5/32

In: -195.777 ± 0.011 χ^2/NDF : 3092606.0/37

Out: -193.479 ± 0.011 χ^2/NDF : 3238205.1/41

All: -194.645 ± 0.008 χ^2/NDF : 6352290.5/79

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -13.330 ± 0.109 χ^2/NDF : 7285.3/23

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -12.982 ± 0.099 χ^2/NDF : 7714.4/22

Left: -13.139 ± 0.073 χ^2/NDF : 15005.2/46

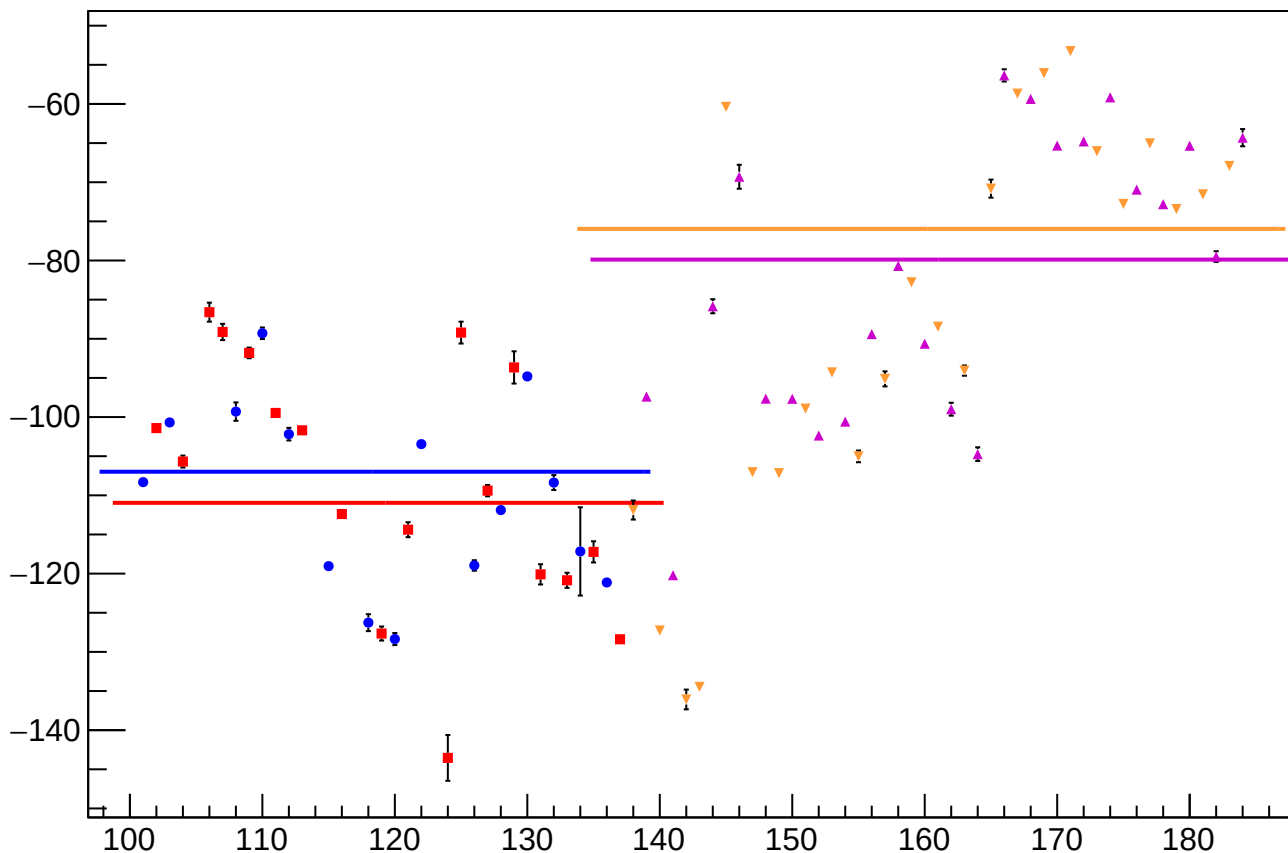
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -13.053 ± 0.088 χ^2/NDF : 8729.8/37

Out: -12.664 ± 0.078 χ^2/NDF : 9849.2/41

All: -12.836 ± 0.059 χ^2/NDF : 18589.8/79

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -75.960 ± 0.086 $\chi^2/\text{NDF}: 53788.8/23$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -79.882 ± 0.086 $\chi^2/\text{NDF}: 44553.2/22$

Left: -77.924 ± 0.061 $\chi^2/\text{NDF}: 99388.0/46$

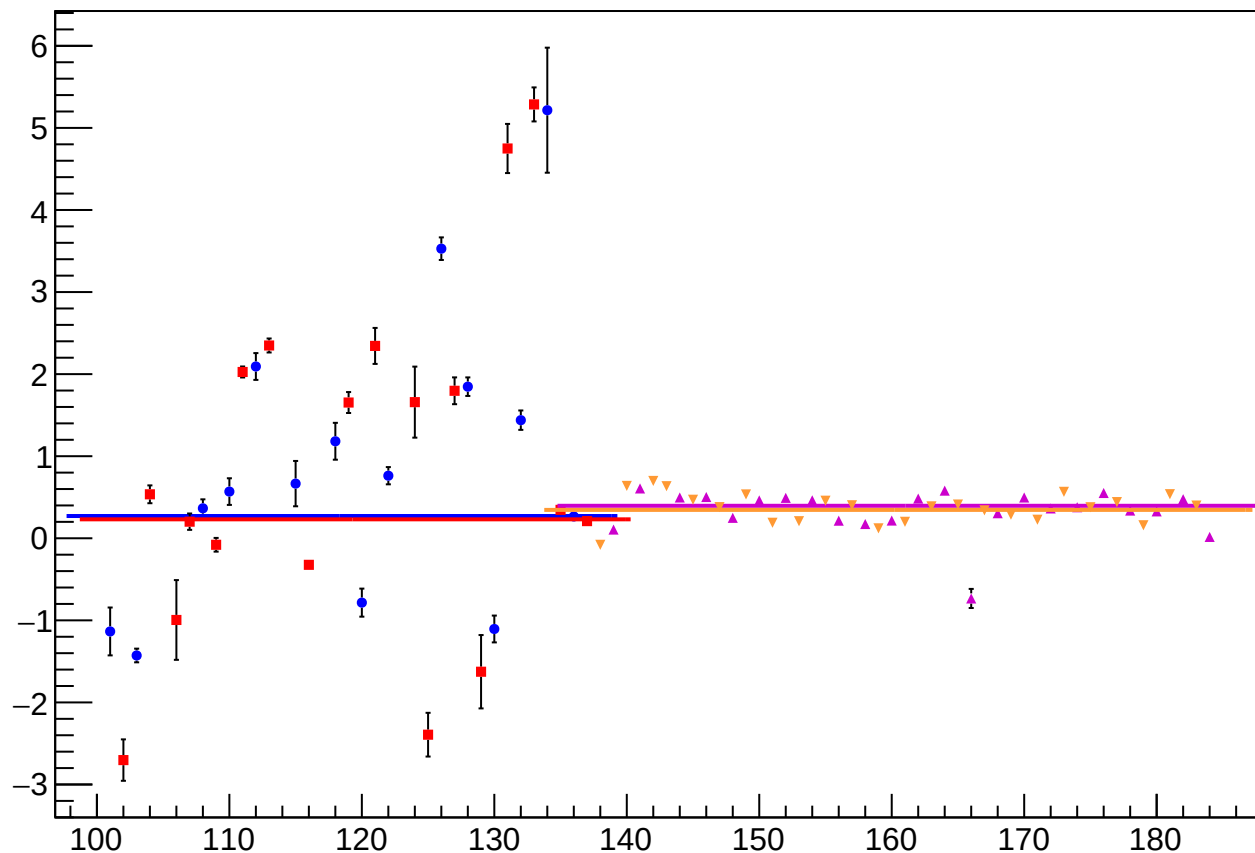
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -90.111 ± 0.068 $\chi^2/\text{NDF}: 86984.3/37$

Out: -102.035 ± 0.043 $\chi^2/\text{NDF}: 188400.5/41$

All: -98.564 ± 0.036 $\chi^2/\text{NDF}: 297444.9/79$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.346 ± 0.002 χ^2/NDF : 10444.6/23

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.396 ± 0.001 χ^2/NDF : 10440.9/22

Left: 0.374 ± 0.001 χ^2/NDF : 21402.8/46

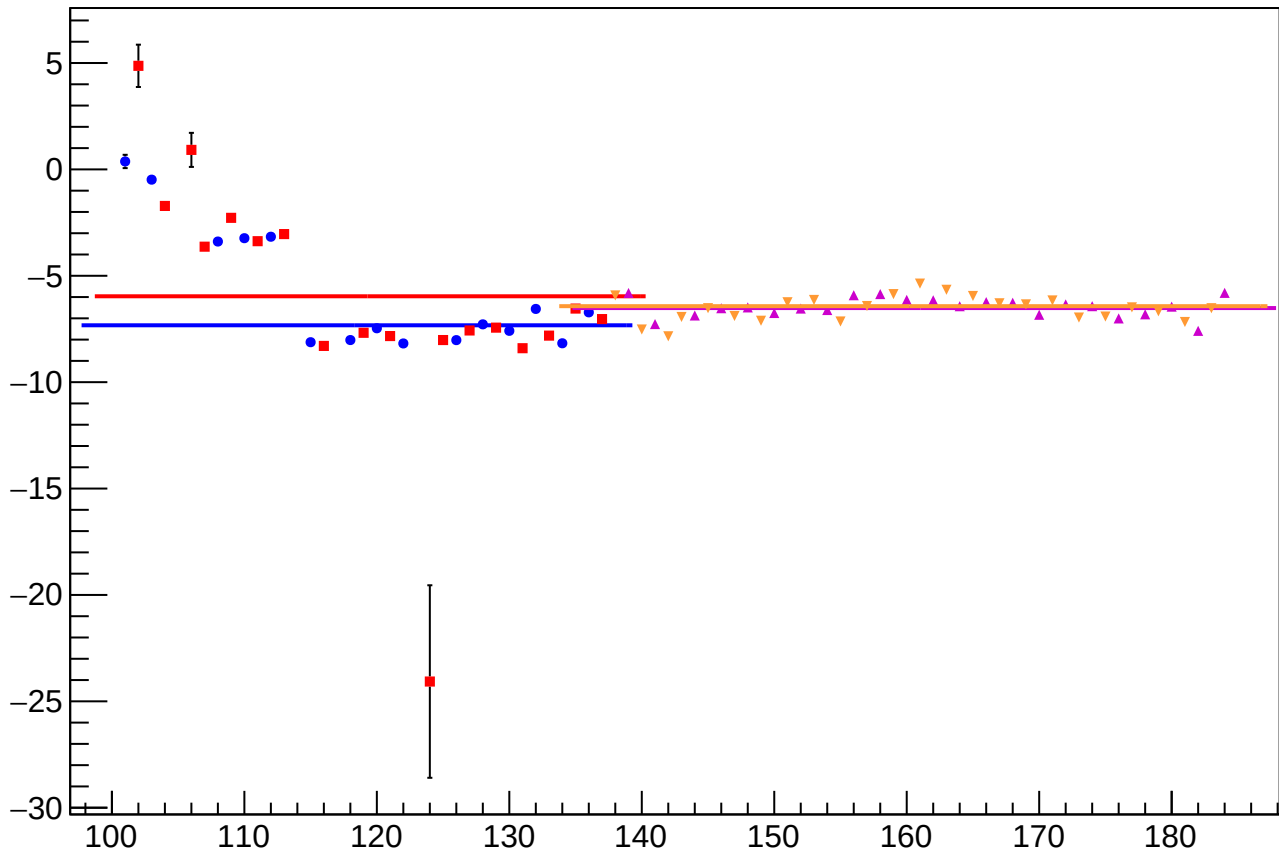
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.387 ± 0.001 χ^2/NDF : 12563.2/37

Out: 0.332 ± 0.002 χ^2/NDF : 13945.8/41

All: 0.362 ± 0.001 χ^2/NDF : 27216.9/79

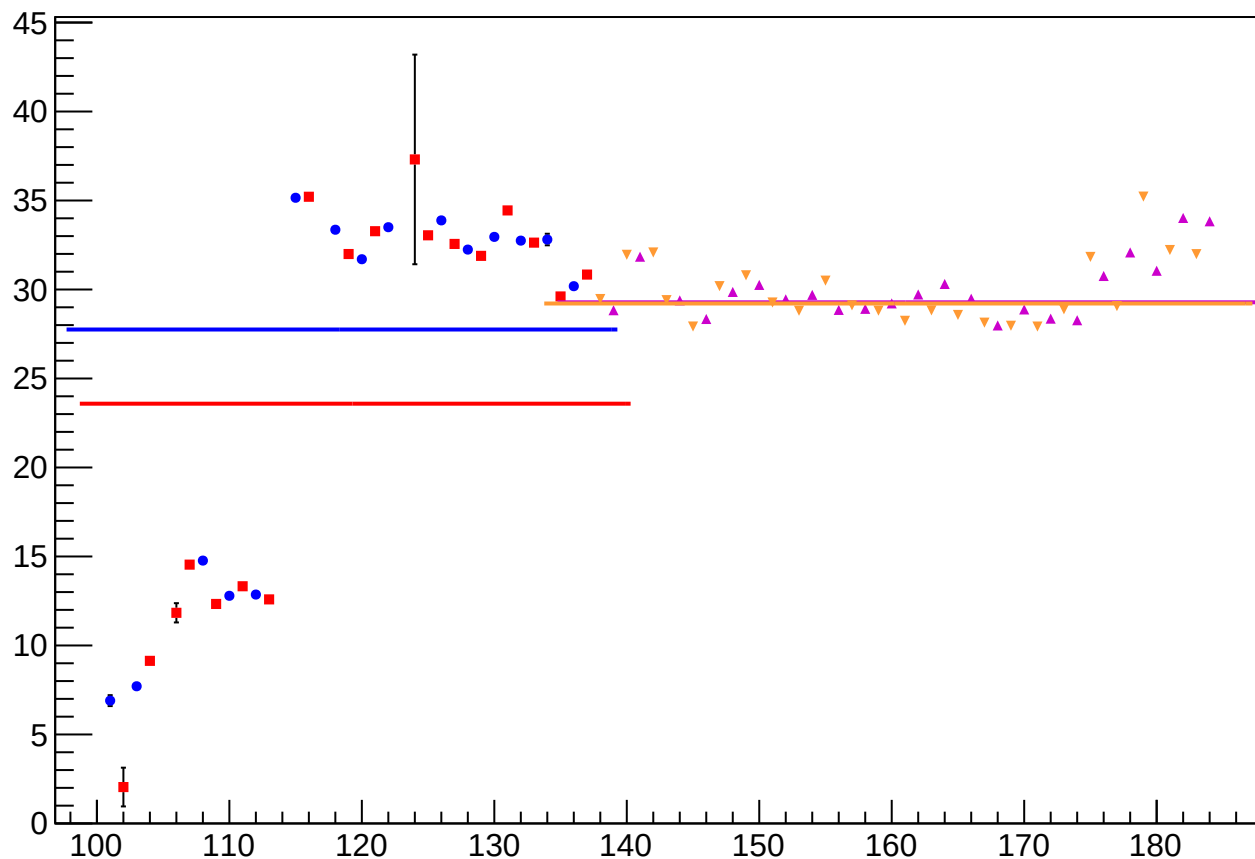
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.428 ± 0.005 $\chi^2/\text{NDF}: 7324.0/23$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.517 ± 0.005 $\chi^2/\text{NDF}: 7083.8/22$

Left: -6.475 ± 0.003 $\chi^2/\text{NDF}: 14584.1/46$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.705 ± 0.004 $\chi^2/\text{NDF}: 44743.4/37$
 Out: -6.320 ± 0.004 $\chi^2/\text{NDF}: 81279.7/41$
 All: -6.522 ± 0.003 $\chi^2/\text{NDF}: 130353.2/79$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.213 $\pm$ 0.008 χ^2 /NDF: 40113.9/23

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.281 $\pm$ 0.008 χ^2 /NDF: 12436.8/22

Left: 29.247 $\pm$ 0.006 χ^2 /NDF: 52583.2/46

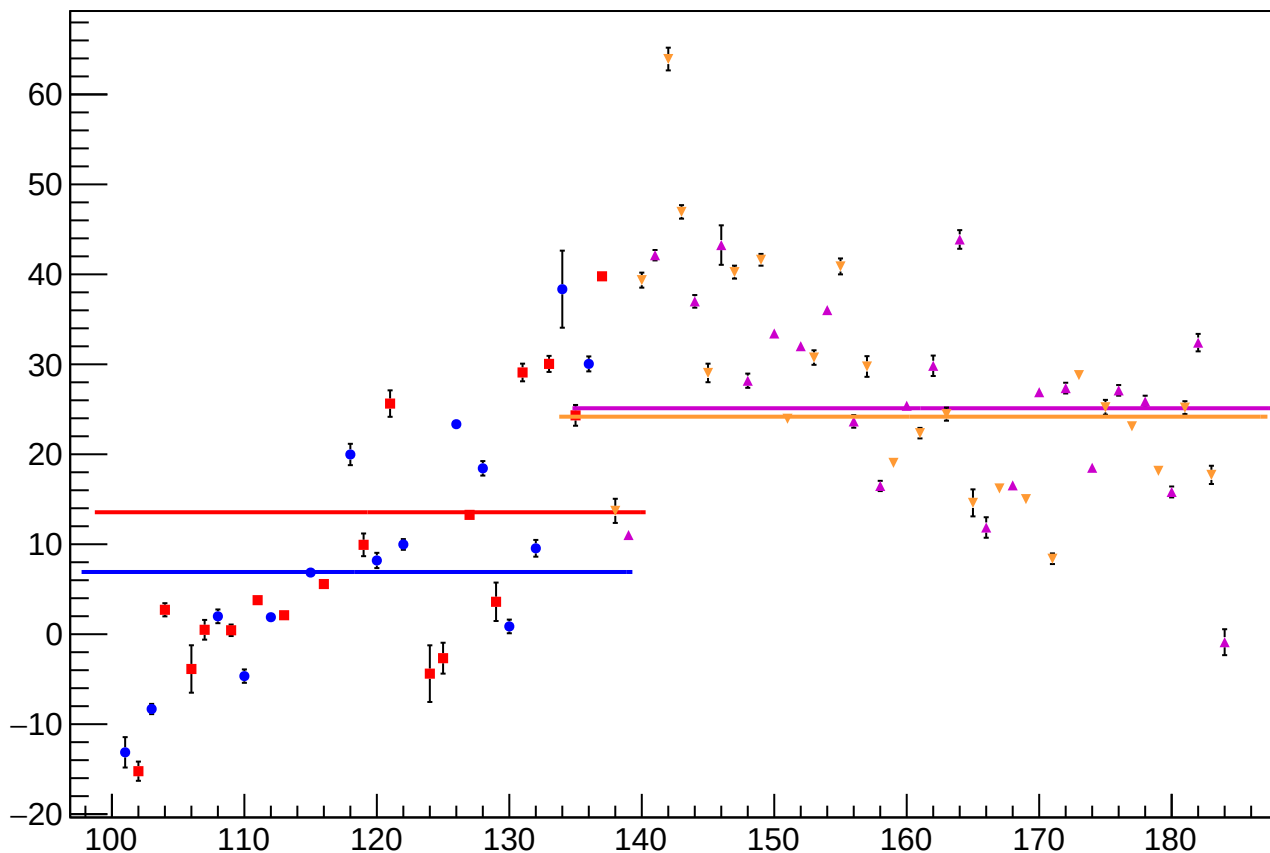
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.916 $\pm$ 0.007 χ^2 /NDF: 353236.0/37

Out: 27.687 $\pm$ 0.007 χ^2 /NDF: 702505.7/41

All: 28.285 $\pm$ 0.005 χ^2 /NDF: 1070156.0/79

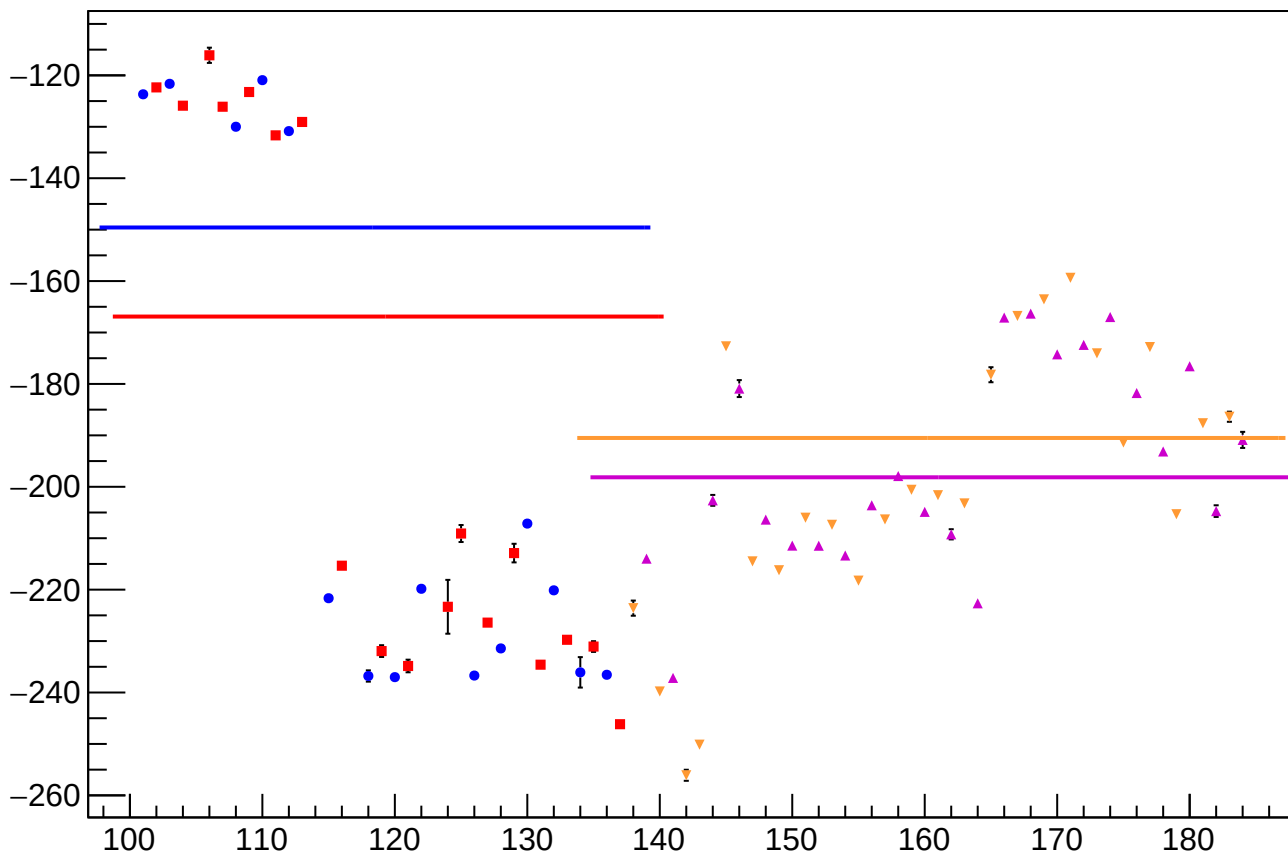
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 24.179 ± 0.127 $\chi^2/\text{NDF}: 6170.5/23$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 25.118 ± 0.113 $\chi^2/\text{NDF}: 6448.8/22$

Left: 24.704 ± 0.085 $\chi^2/\text{NDF}: 12649.6/46$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 19.814 ± 0.095 $\chi^2/\text{NDF}: 17484.1/37$
 Out: 19.552 ± 0.096 $\chi^2/\text{NDF}: 20853.7/41$
 All: 19.684 ± 0.068 $\chi^2/\text{NDF}: 38341.5/79$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2/NDF : 195091.5/14

Left Out: -190.505+/-0.103 χ^2/NDF : 50654.7/23

Right Out: -166.899+/-0.101 χ^2/NDF : 295489.9/17

Left In: -198.153+/-0.098 χ^2/NDF : 42045.5/22

Left: -194.516+/-0.071 χ^2/NDF : 95568.2/46

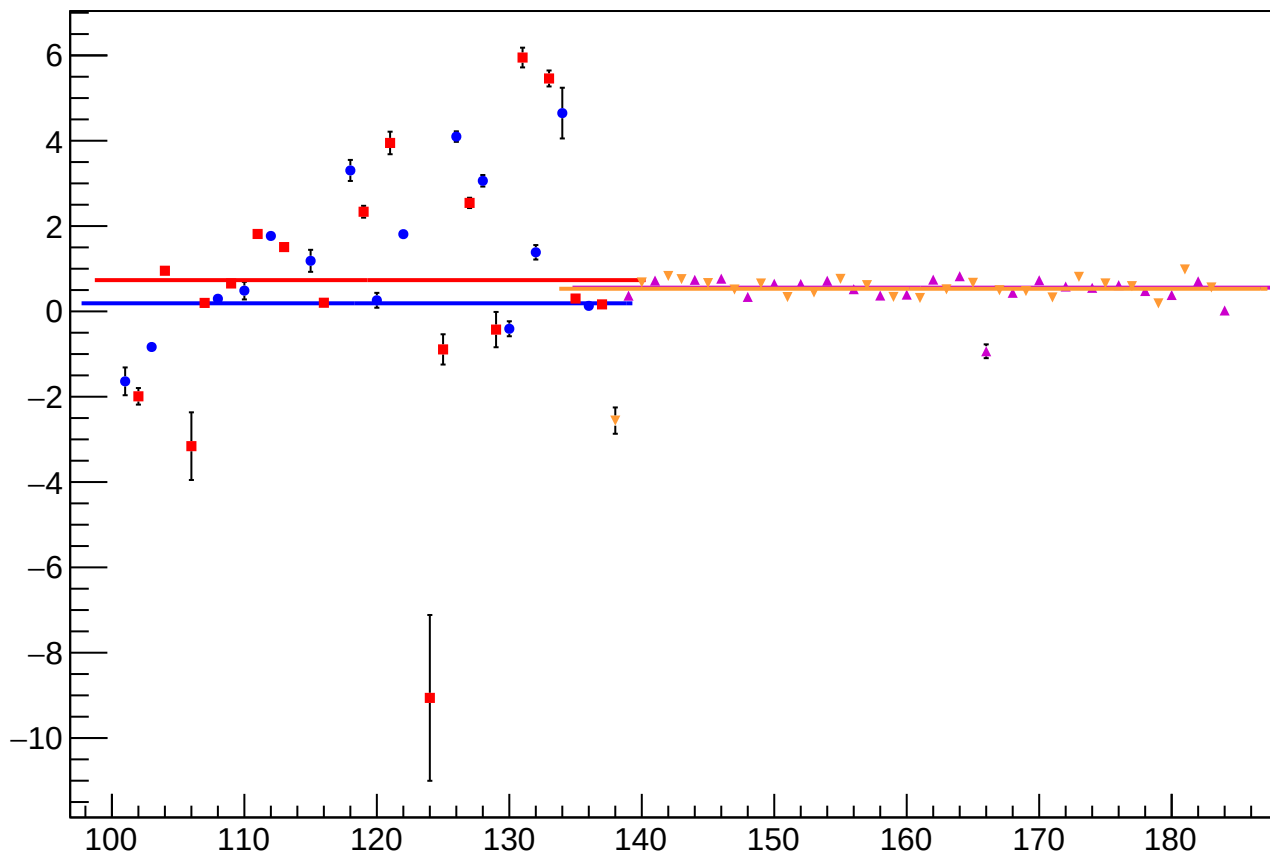
Right: -158.264+/-0.071 χ^2/NDF : 505360.9/32

In: -174.448+/-0.070 χ^2/NDF : 355849.6/37

Out: -178.375+/-0.072 χ^2/NDF : 372918.0/41

All: -176.366+/-0.050 χ^2/NDF : 730284.3/79

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.530 ± 0.002 $\chi^2/\text{NDF}: 8554.8/23$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.556 ± 0.002 $\chi^2/\text{NDF}: 5988.8/22$

Left: 0.544 ± 0.001 $\chi^2/\text{NDF}: 14627.8/46$

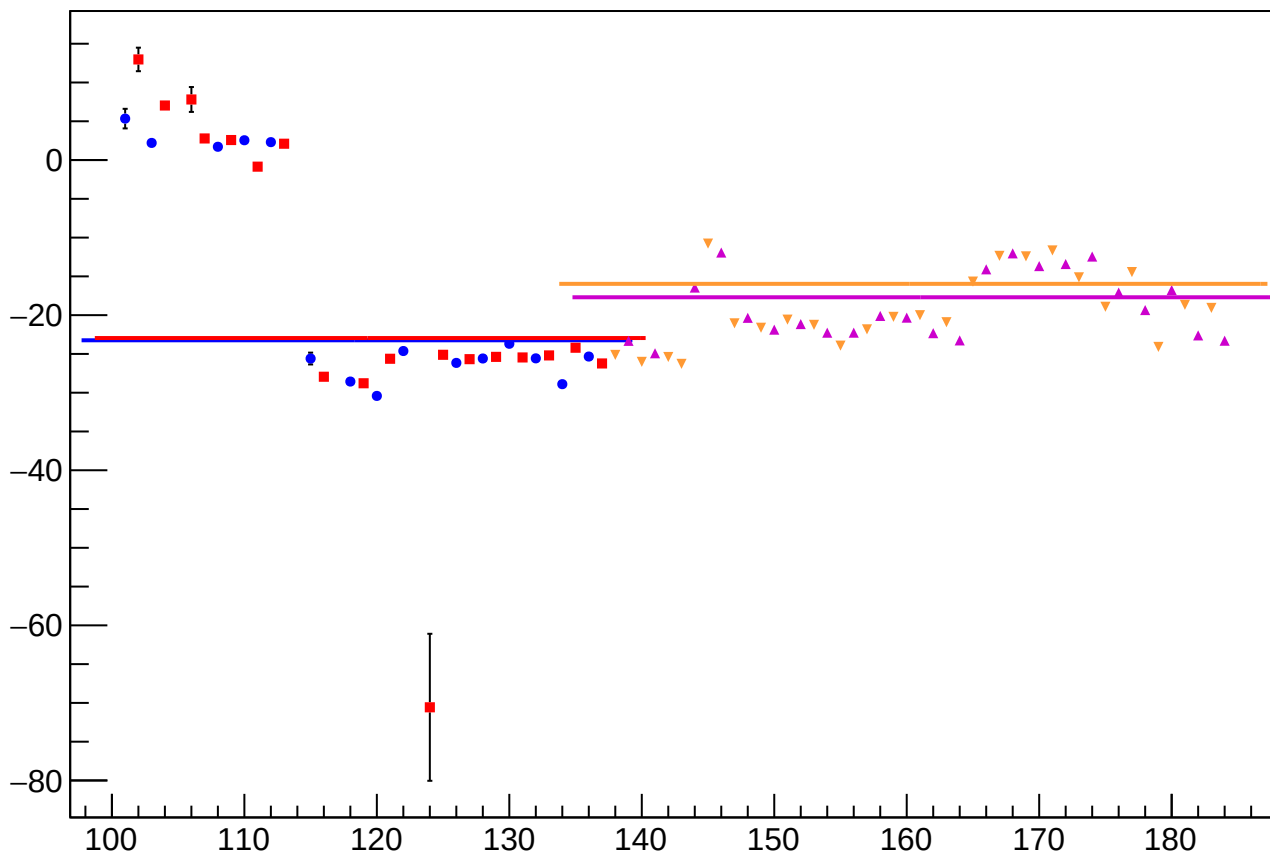
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.539 ± 0.002 $\chi^2/\text{NDF}: 10442.7/37$

Out: 0.533 ± 0.002 $\chi^2/\text{NDF}: 11325.5/41$

All: 0.536 ± 0.001 $\chi^2/\text{NDF}: 21773.0/79$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 $\pm$ 0.025 χ^2 /NDF: 103102.8/14

Left Out: -15.963 $\pm$ 0.011 χ^2 /NDF: 188462.0/23

Right Out: -22.951 $\pm$ 0.025 χ^2 /NDF: 108039.1/17

Left In: -17.695 $\pm$ 0.012 χ^2 /NDF: 121415.4/22

Left: -16.779 $\pm$ 0.008 χ^2 /NDF: 321457.1/46

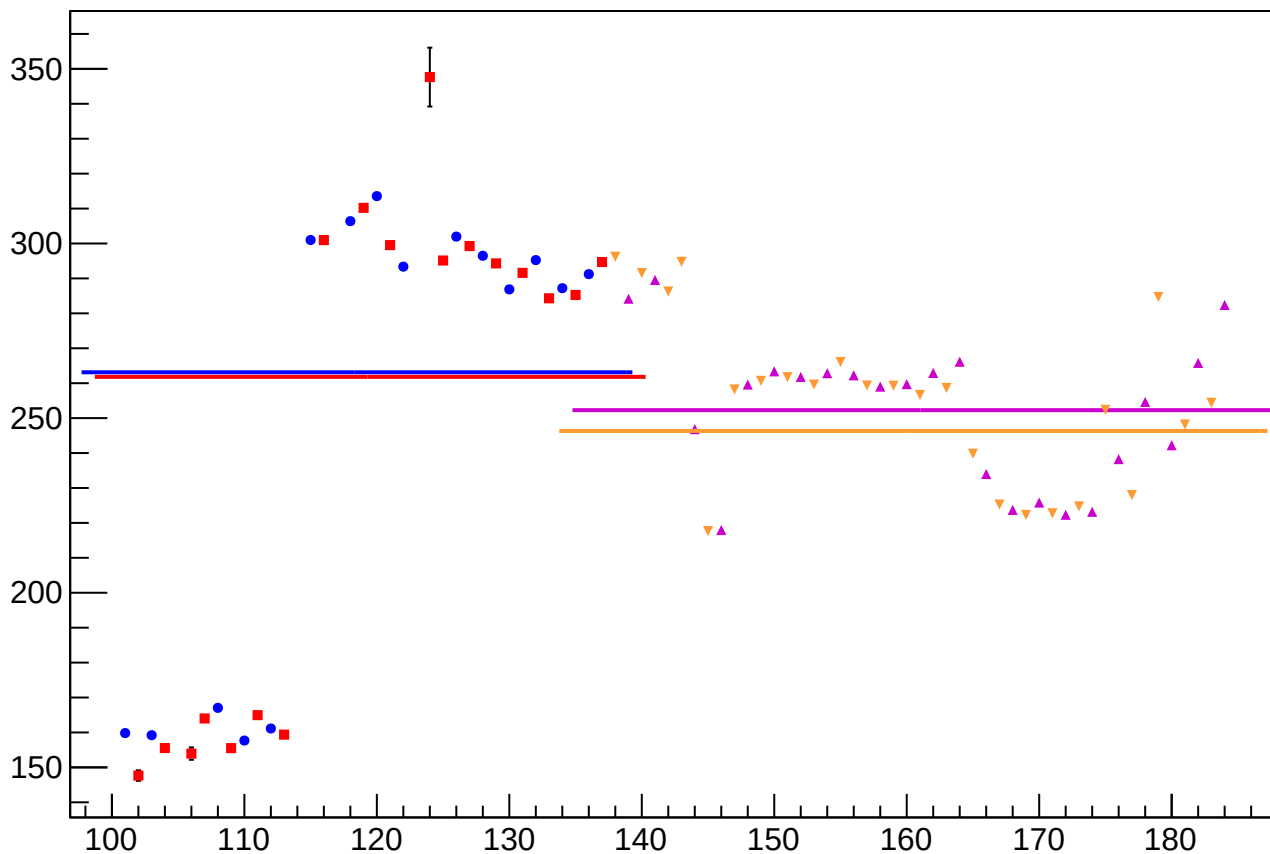
Right: -23.095 $\pm$ 0.017 χ^2 /NDF: 211210.7/32

In: -18.707 $\pm$ 0.011 χ^2 /NDF: 265521.4/37

Out: -17.128 $\pm$ 0.010 χ^2 /NDF: 363245.1/41

All: -17.879 $\pm$ 0.007 χ^2 /NDF: 640450.7/79

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 246.324+/-0.028 χ^2/NDF : 684790.0/23

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 252.278+/-0.028 χ^2/NDF : 359829.6/22

Left: 249.287+/-0.020 χ^2/NDF : 1066630.4/46

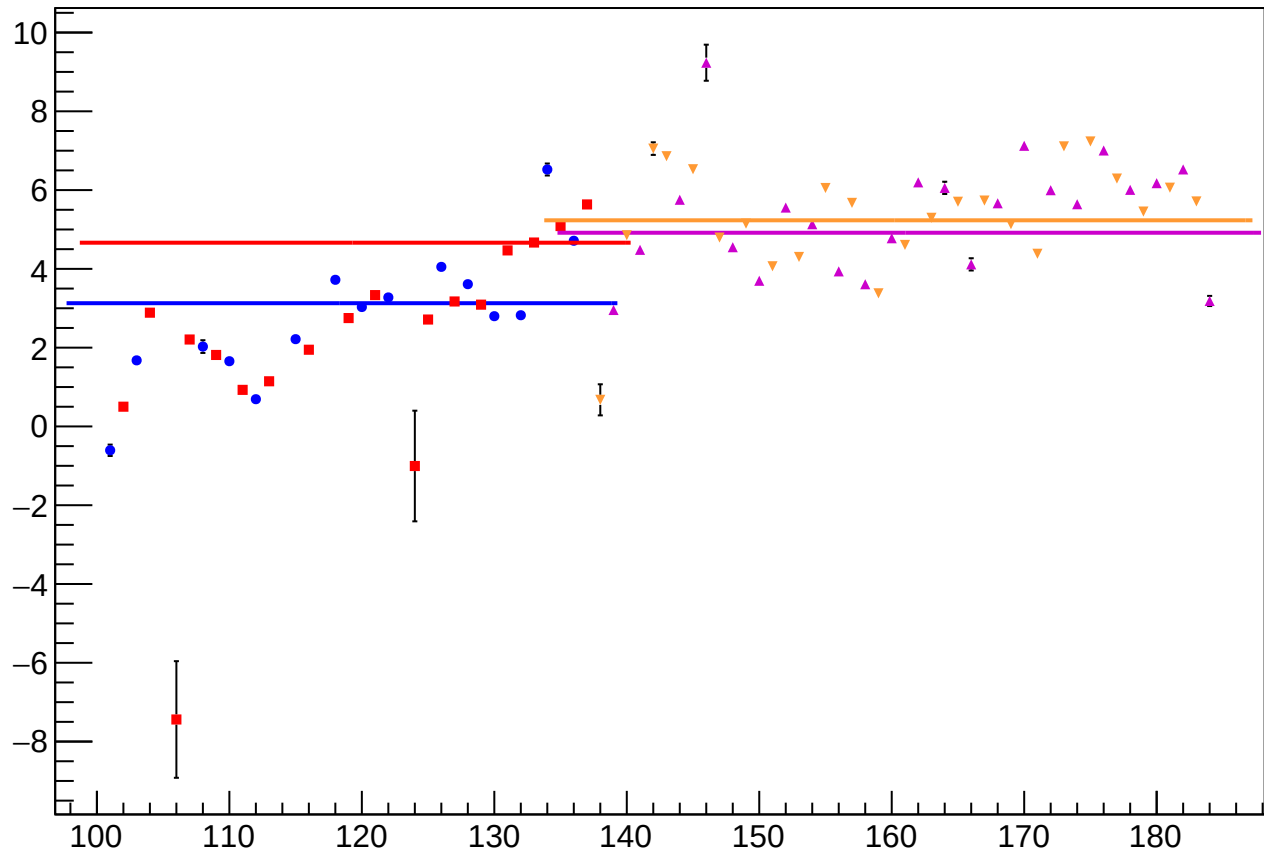
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 253.850+/-0.026 χ^2/NDF : 1073782.4/37

Out: 249.111+/-0.026 χ^2/NDF : 1744847.2/41

All: 251.420+/-0.018 χ^2/NDF : 2835272.7/79

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.233 ± 0.014 $\chi^2/\text{NDF}: 4522.8/23$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.917 ± 0.013 $\chi^2/\text{NDF}: 10749.9/22$

Left: 5.063 ± 0.009 $\chi^2/\text{NDF}: 15556.5/46$

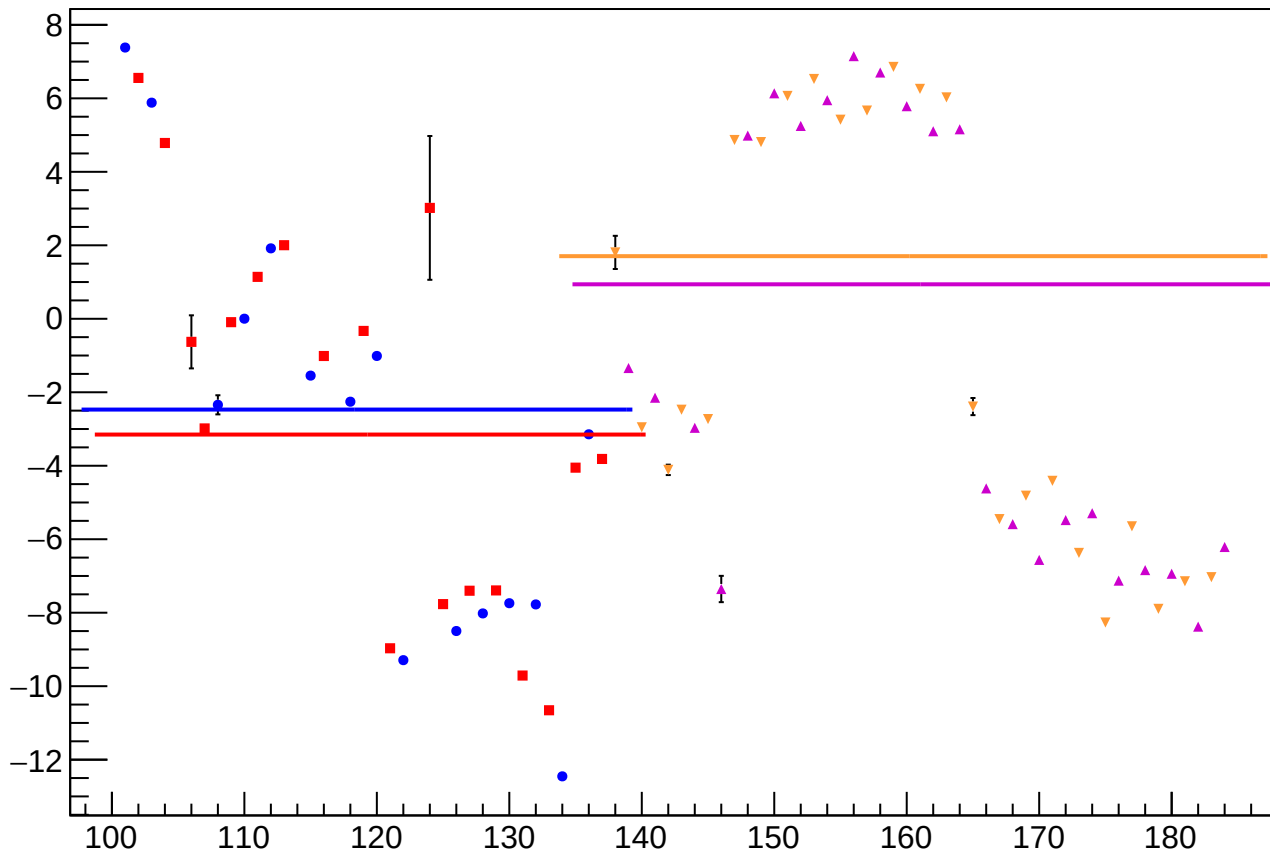
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.209 ± 0.010 $\chi^2/\text{NDF}: 24205.7/37$

Out: 4.764 ± 0.006 $\chi^2/\text{NDF}: 72795.4/41$

All: 4.624 ± 0.005 $\chi^2/\text{NDF}: 99343.5/79$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 1.704 ± 0.011 χ^2/NDF : 217237.2/23

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: 0.938 ± 0.011 χ^2/NDF : 253480.7/22

Left: 1.308 ± 0.008 χ^2/NDF : 473013.3/46

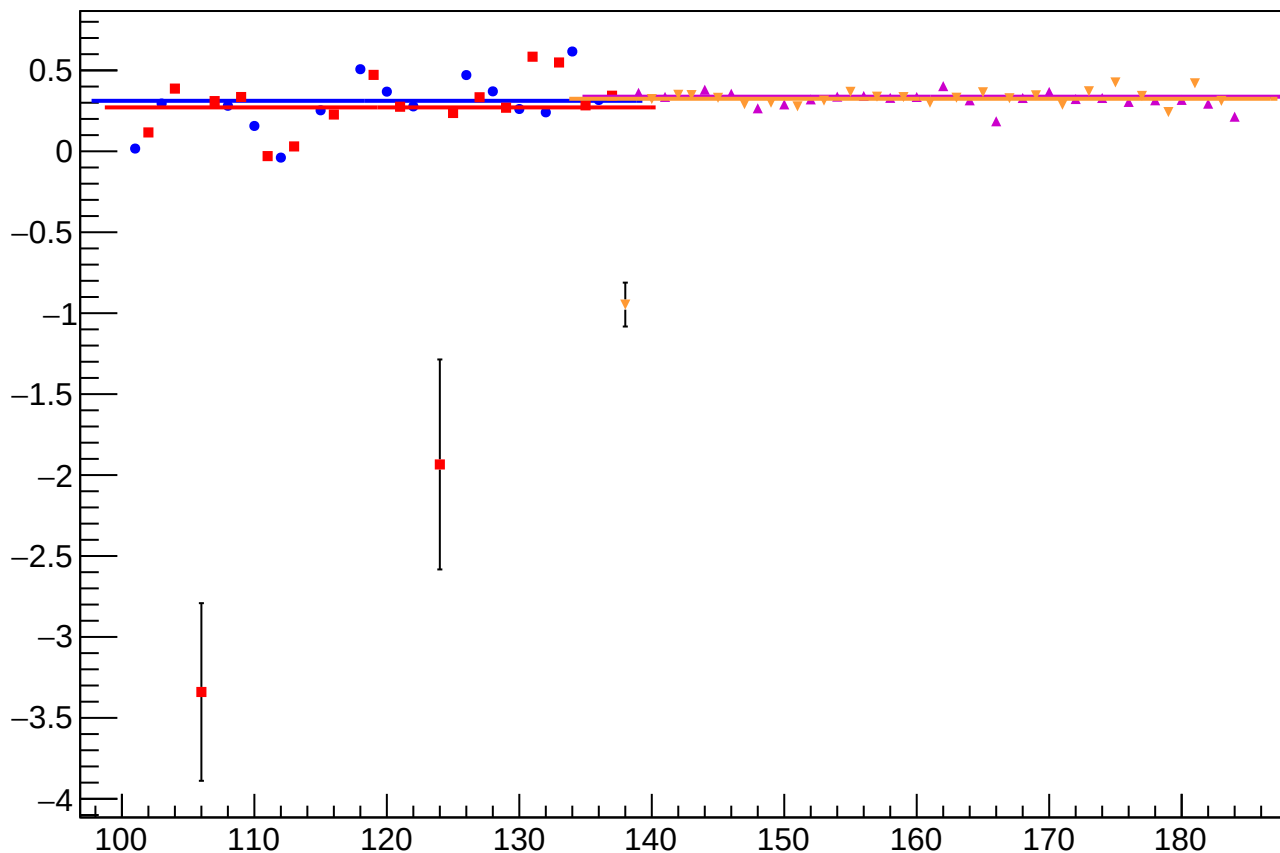
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -0.367 ± 0.009 χ^2/NDF : 532111.4/37

Out: -1.719 ± 0.006 χ^2/NDF : 590498.1/41

All: -1.262 ± 0.005 χ^2/NDF : 1138481.4/79

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.325 $\pm$ 0.001 χ^2 /NDF: 2881.7/23

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.337 $\pm$ 0.001 χ^2 /NDF: 4013.5/22

Left: 0.331 $\pm$ 0.000 χ^2 /NDF: 7158.4/46

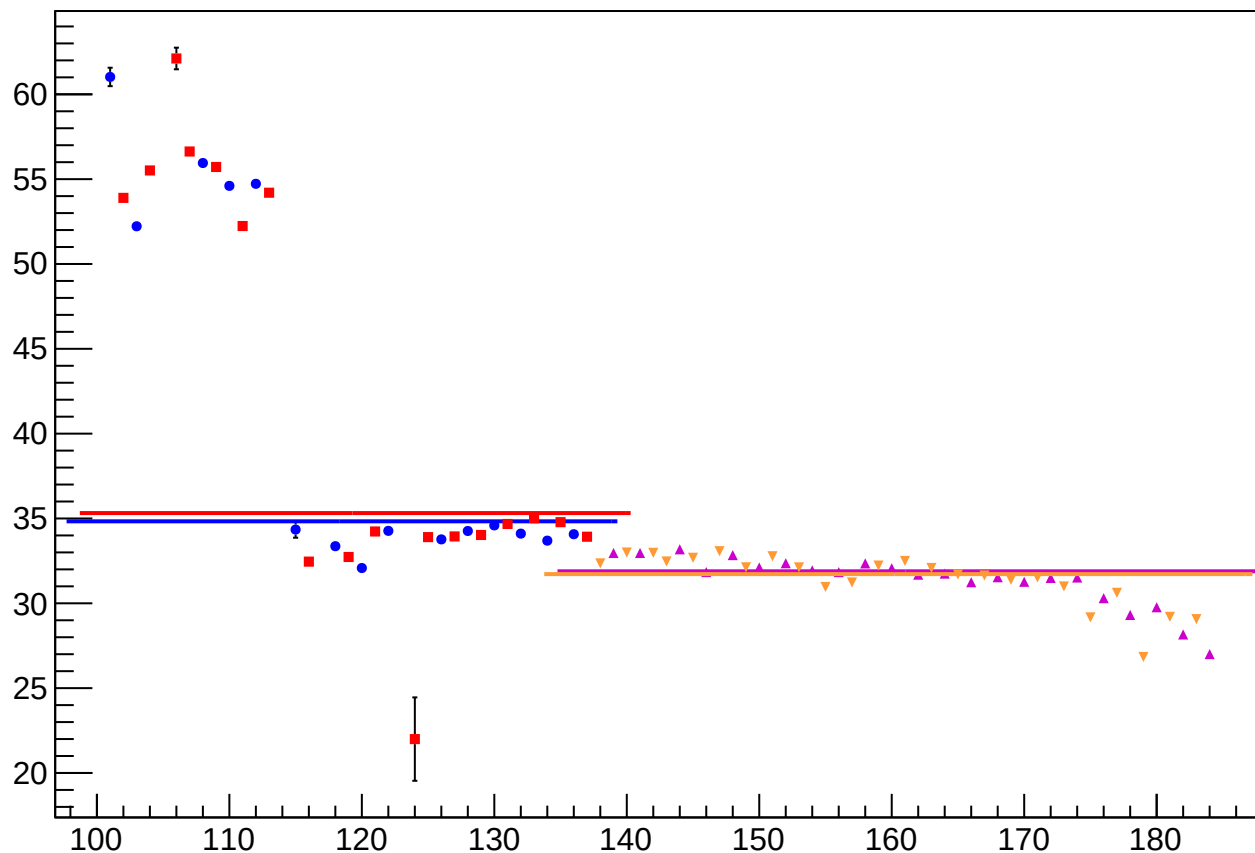
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.334 $\pm$ 0.000 χ^2 /NDF: 5667.7/37

Out: 0.321 $\pm$ 0.001 χ^2 /NDF: 9620.5/41

All: 0.328 $\pm$ 0.000 χ^2 /NDF: 15577.0/79

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.721 $\pm$ 0.003 χ^2 /NDF: 67512.2/23

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.887 $\pm$ 0.004 χ^2 /NDF: 33208.8/22

Left: 31.794 $\pm$ 0.002 χ^2 /NDF: 101899.6/46

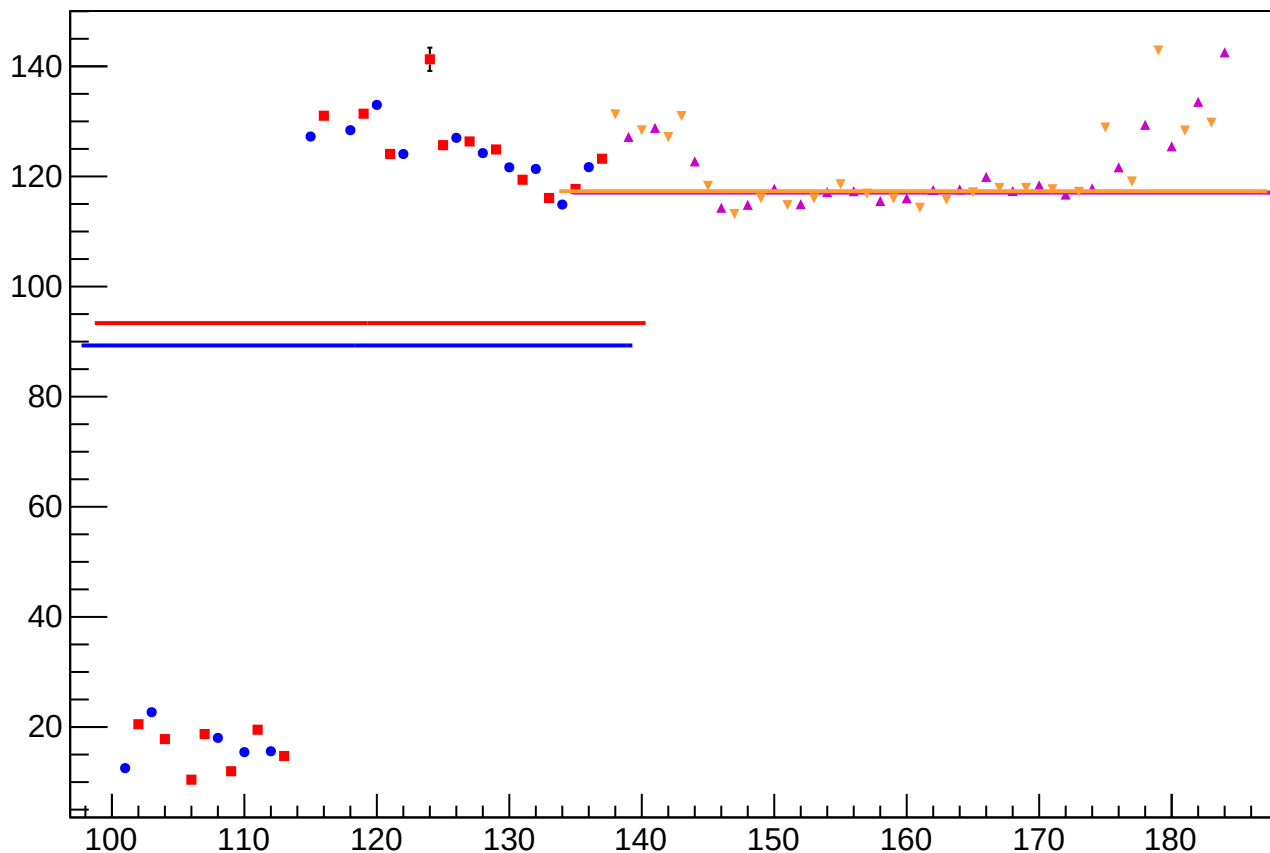
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.329 $\pm$ 0.003 χ^2 /NDF: 377934.2/37

Out: 32.057 $\pm$ 0.003 χ^2 /NDF: 447483.2/41

All: 32.181 $\pm$ 0.002 χ^2 /NDF: 829045.7/79

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 117.321 $\pm$ 0.008 χ^2 /NDF: 154523.8/23

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 117.066 $\pm$ 0.009 χ^2 /NDF: 63800.7/22

Left: 117.205 $\pm$ 0.006 χ^2 /NDF: 218785.3/46

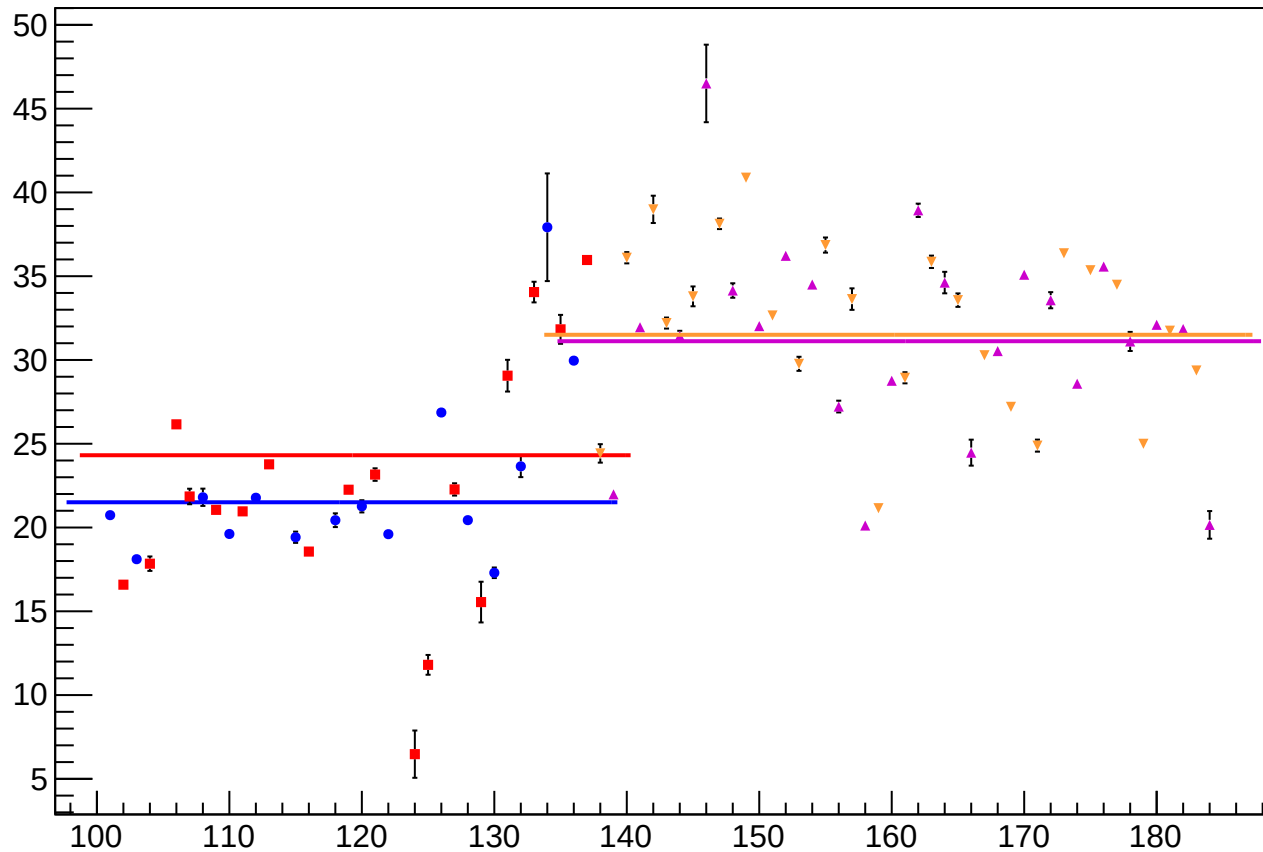
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 114.497 $\pm$ 0.008 χ^2 /NDF: 4027441.9/37

Out: 115.730 $\pm$ 0.008 χ^2 /NDF: 3604526.6/41

All: 115.162 $\pm$ 0.006 χ^2 /NDF: 7643749.2/79

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 31.503 $\pm$ 0.061 χ^2 /NDF: 6153.0/23

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 31.120 $\pm$ 0.058 χ^2 /NDF: 6111.4/22

Left: 31.300 $\pm$ 0.042 χ^2 /NDF: 12285.3/46

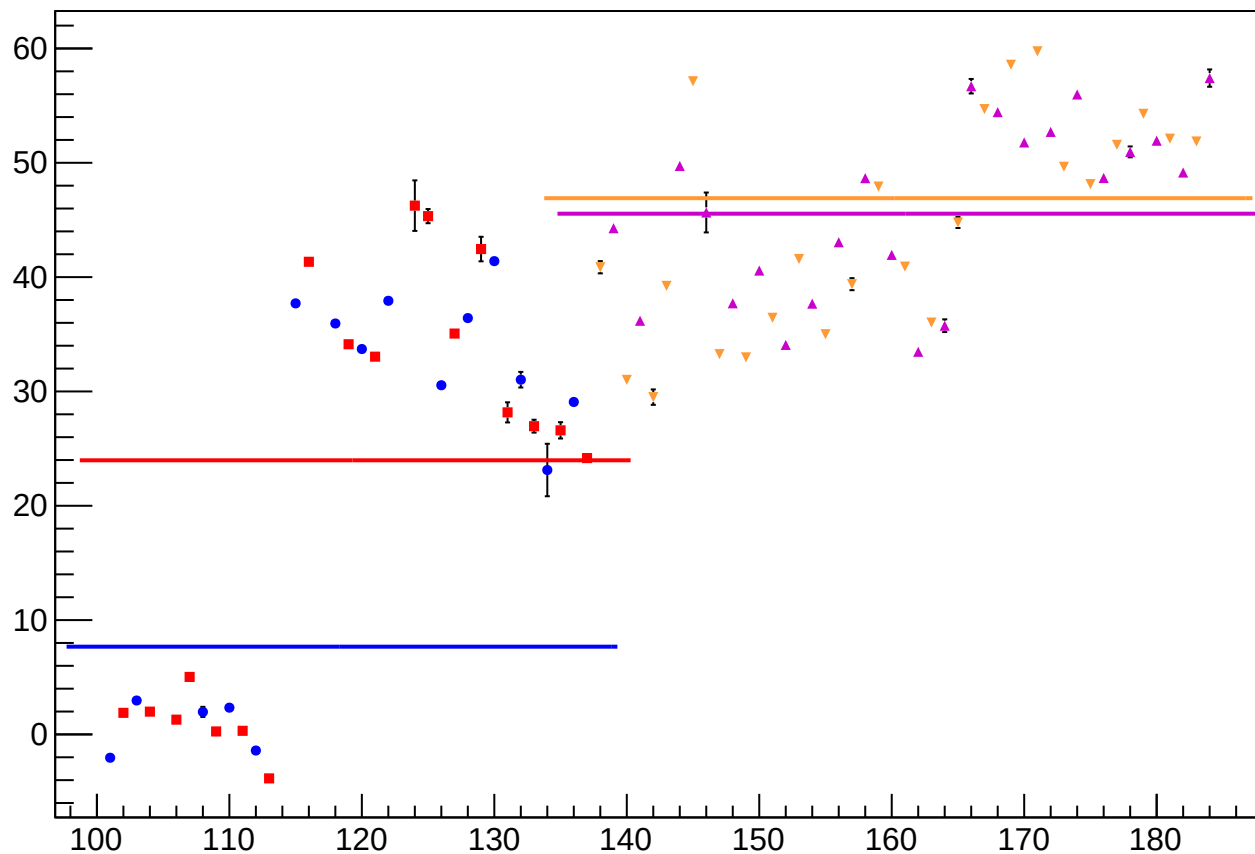
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 27.393 $\pm$ 0.045 χ^2 /NDF: 19892.8/37

Out: 27.744 $\pm$ 0.042 χ^2 /NDF: 27661.3/41

All: 27.580 $\pm$ 0.031 χ^2 /NDF: 47586.3/79

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 46.904 ± 0.051 $\chi^2/\text{NDF}: 26985.0/23$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 45.548 ± 0.049 $\chi^2/\text{NDF}: 19148.5/22$

Left: 46.205 ± 0.035 $\chi^2/\text{NDF}: 46500.3/46$

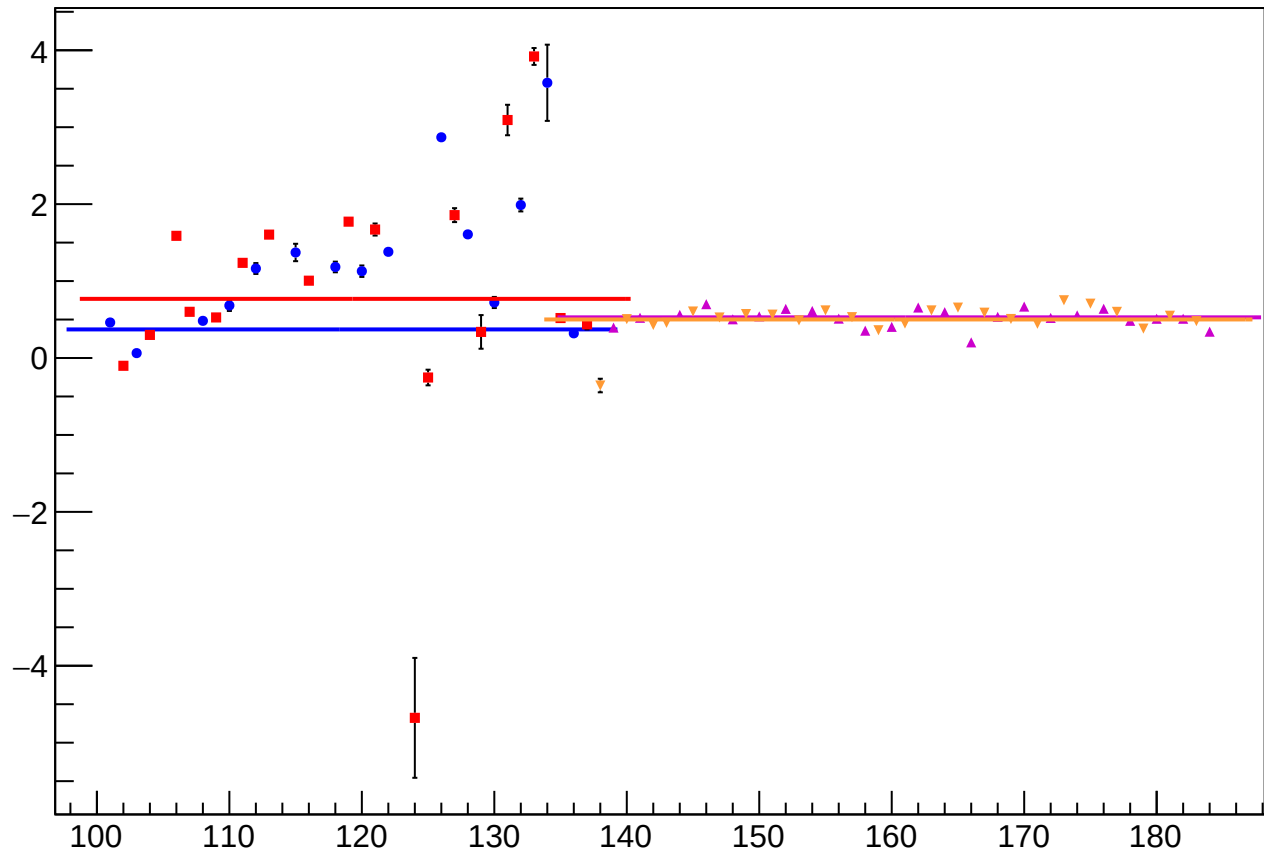
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 24.990 ± 0.033 $\chi^2/\text{NDF}: 436078.9/37$

Out: 24.556 ± 0.008 $\chi^2/\text{NDF}: 335701.6/41$

All: 24.580 ± 0.008 $\chi^2/\text{NDF}: 771941.3/79$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372+/-0.004 χ^2/NDF : 4748.7/14

Left Out: 0.501+/-0.001 χ^2/NDF :15192.3/23

Right Out: 0.769+/-0.007 χ^2/NDF : 4137.5/17

Left In: 0.528+/-0.001 χ^2/NDF :12771.0/22

Left: 0.517+/-0.001 χ^2/NDF : 28452.2/46

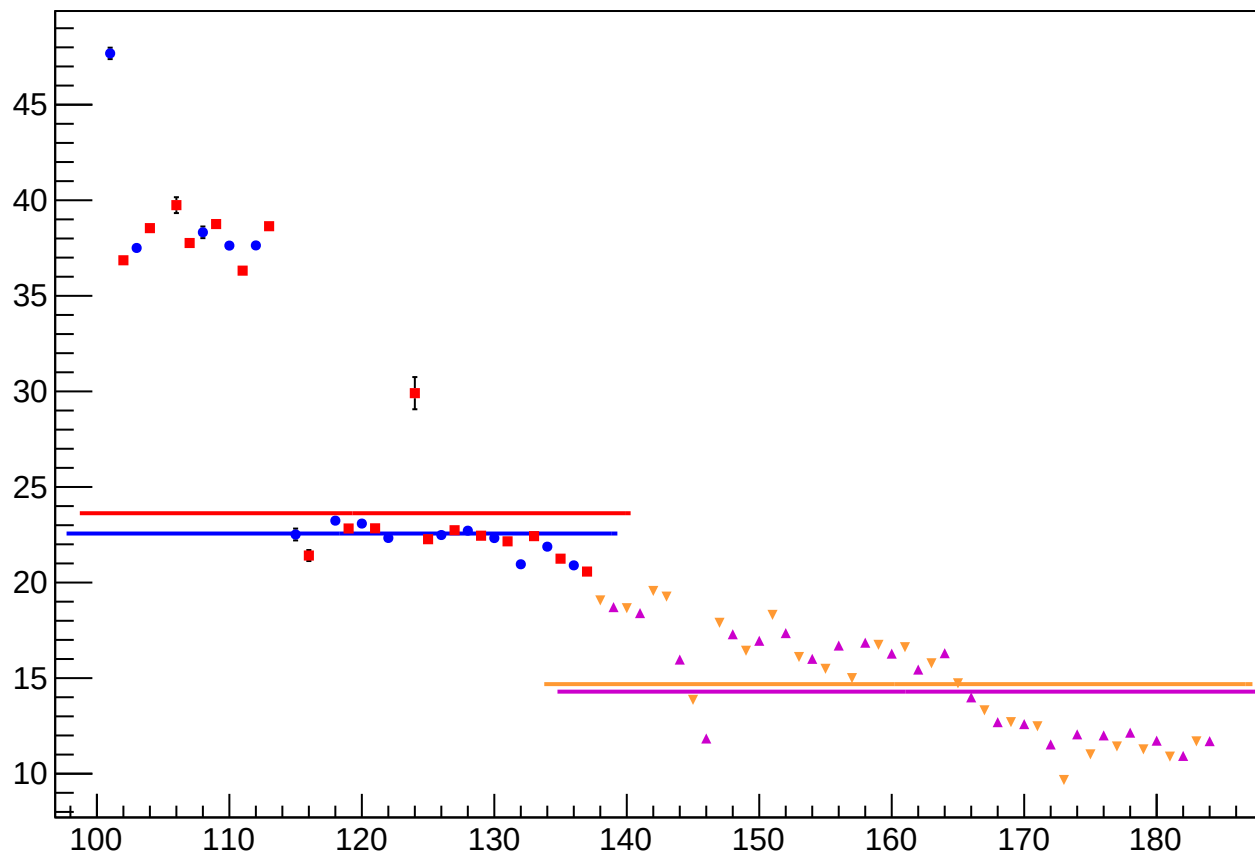
Right: 0.484+/-0.004 χ^2/NDF : 11237.9/32

In: 0.523+/-0.001 χ^2/NDF :18771.1/37

Out: 0.506+/-0.001 χ^2/NDF :20793.5/41

All: 0.516+/-0.001 χ^2/NDF : 39766.5/79

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 14.686 $\pm$ 0.005 χ^2 /NDF: 312569.2/23

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 14.293 $\pm$ 0.005 χ^2 /NDF: 213936.0/22

Left: 14.495 $\pm$ 0.004 χ^2 /NDF: 529228.1/46

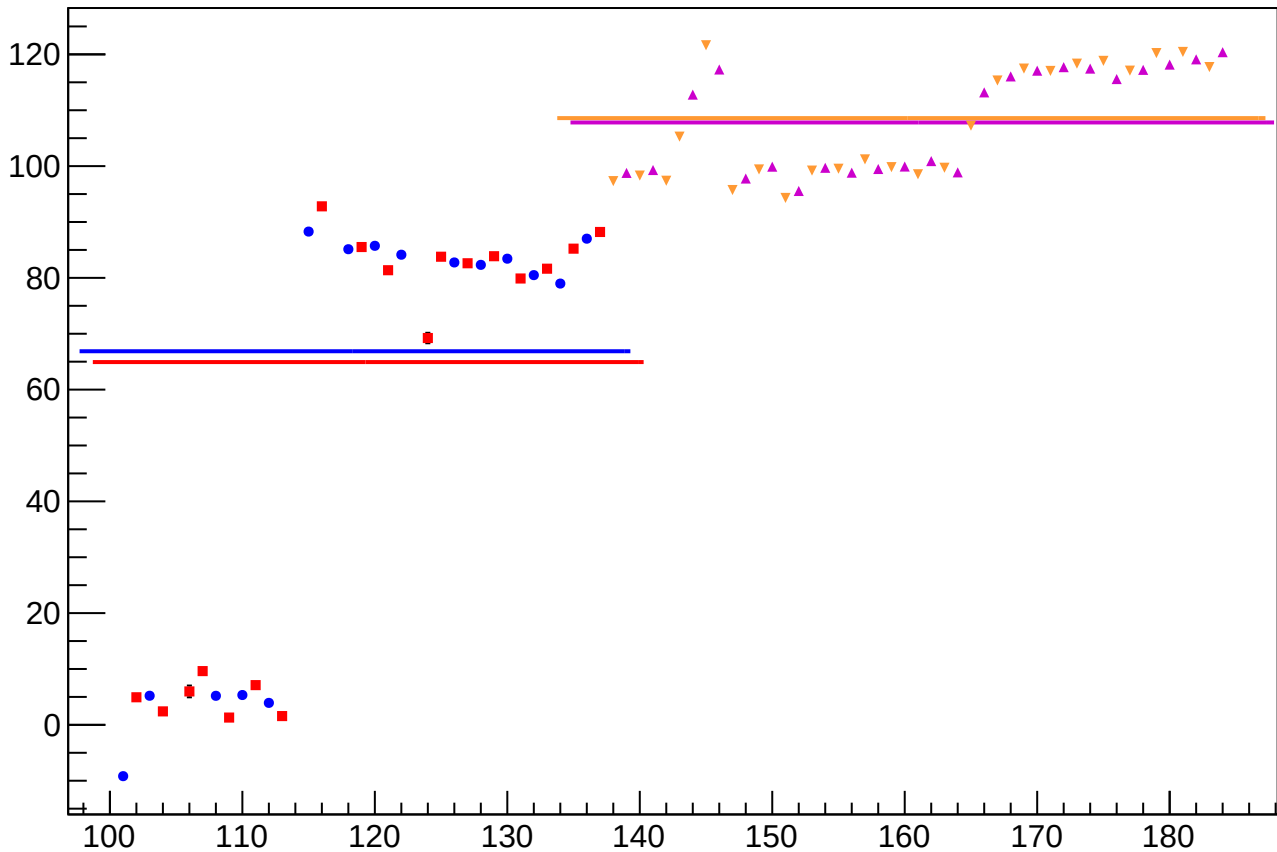
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 16.118 $\pm$ 0.005 χ^2 /NDF: 822092.2/37

Out: 16.293 $\pm$ 0.005 χ^2 /NDF: 956496.2/41

All: 16.206 $\pm$ 0.003 χ^2 /NDF: 1779262.8/79

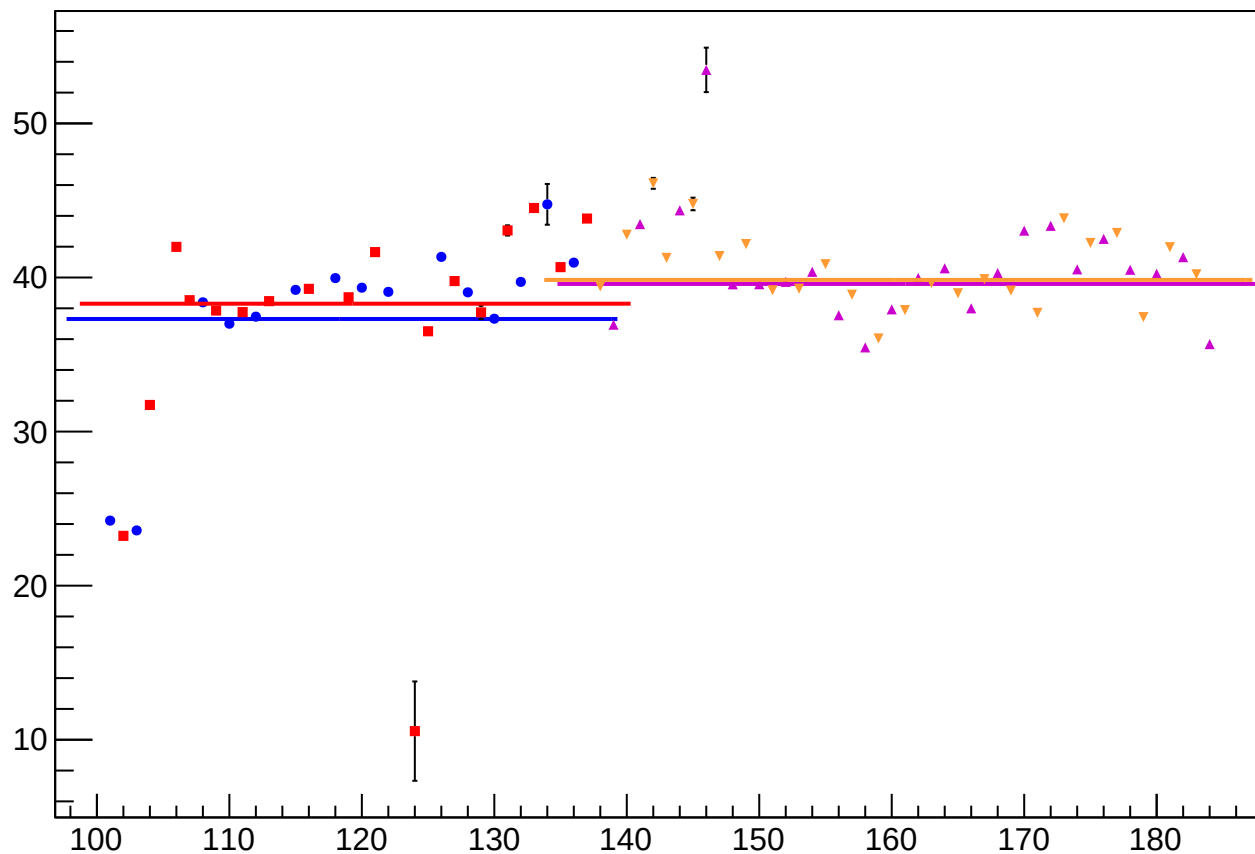
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14
 Left Out: 108.593 $\pm$ 0.010 χ^2 /NDF:1006055.5/23
 Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17
 Left In: 107.814 $\pm$ 0.010 χ^2 /NDF:911439.9/22

Left: 108.203 $\pm$ 0.007 χ^2 /NDF: 1920779.0/46
 Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32
 In: 103.229 $\pm$ 0.009 χ^2 /NDF:4439055.0/37
 Out: 104.453 $\pm$ 0.009 χ^2 /NDF:4293424.8/41
 All: 103.834 $\pm$ 0.006 χ^2 /NDF: 8741514.3/79

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.845 ± 0.027 $\chi^2/\text{NDF}: 6861.7/23$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.582 ± 0.023 $\chi^2/\text{NDF}: 9138.0/22$

Left: 39.691 ± 0.018 $\chi^2/\text{NDF}: 16054.4/46$

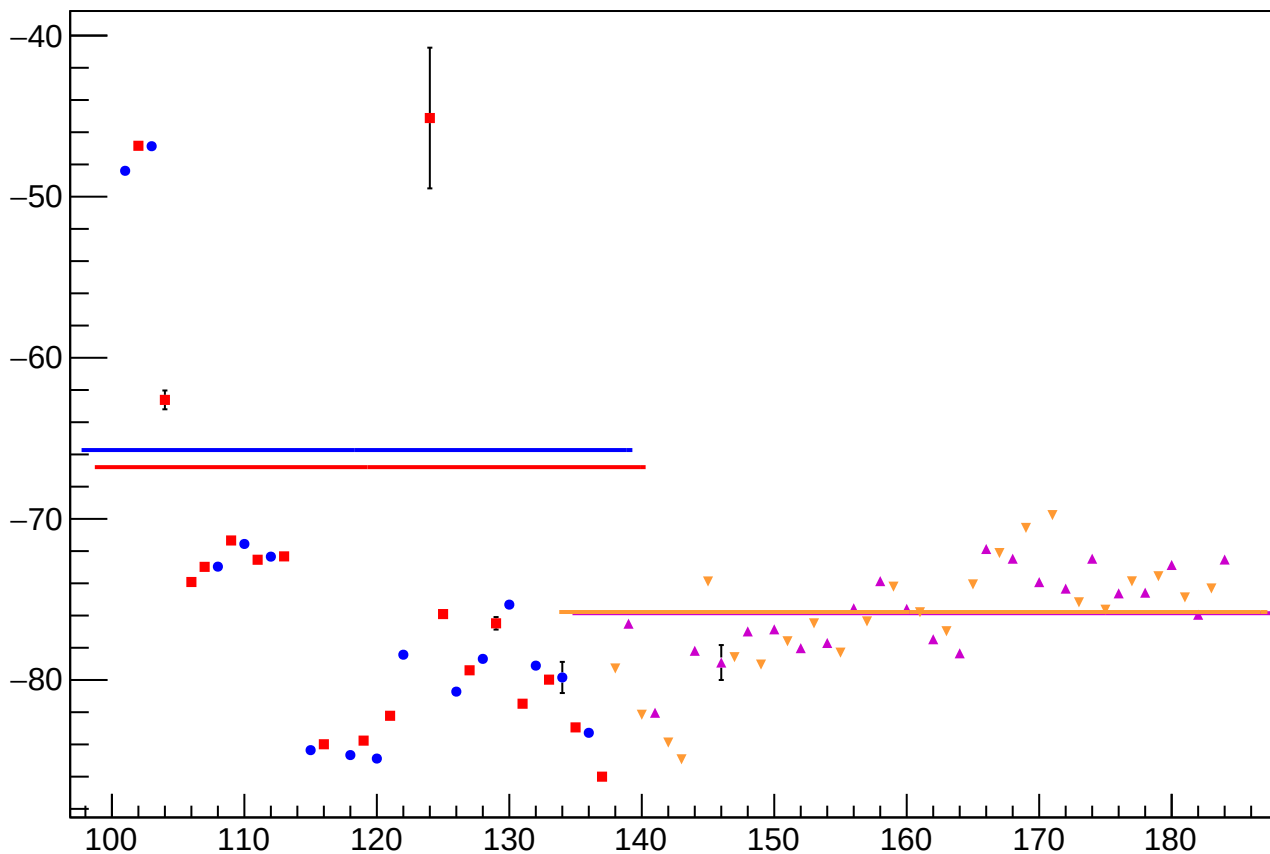
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.450 ± 0.016 $\chi^2/\text{NDF}: 73591.2/37$

Out: 38.860 ± 0.016 $\chi^2/\text{NDF}: 27757.3/41$

All: 38.653 ± 0.012 $\chi^2/\text{NDF}: 101663.6/79$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -75.781 $\pm$ 0.022 χ^2 /NDF:23682.8/23

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -75.855 $\pm$ 0.019 χ^2 /NDF:12226.9/22

Left: -75.823 $\pm$ 0.014 χ^2 /NDF: 35916.3/46

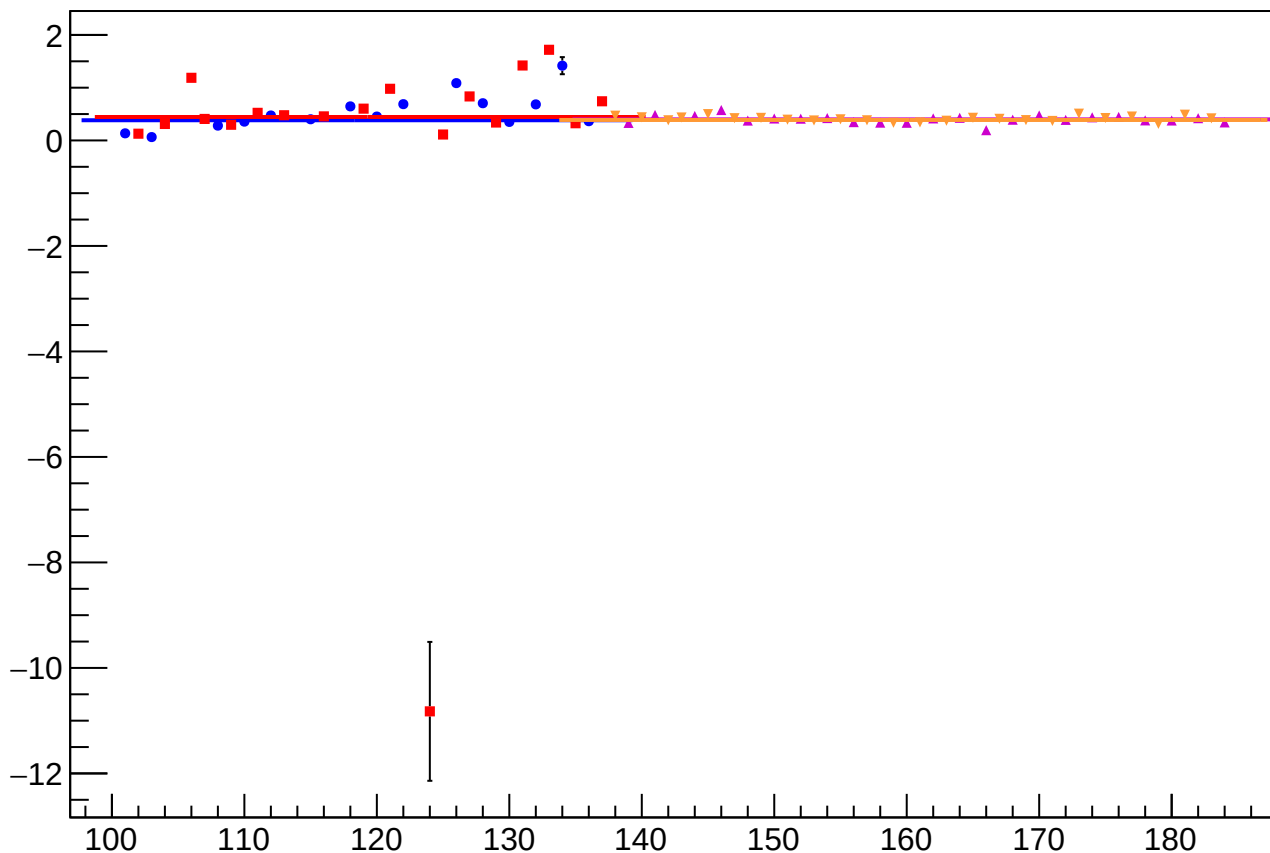
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -70.150 $\pm$ 0.013 χ^2 /NDF:1073023.0/37

Out: -69.881 $\pm$ 0.013 χ^2 /NDF:944362.0/41

All: -70.017 $\pm$ 0.009 χ^2 /NDF: 2017607.6/79

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:10603.9/23

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.399 $\pm$ 0.000 χ^2 /NDF:8983.2/22

Left: 0.394 $\pm$ 0.000 χ^2 /NDF: 19882.6/46

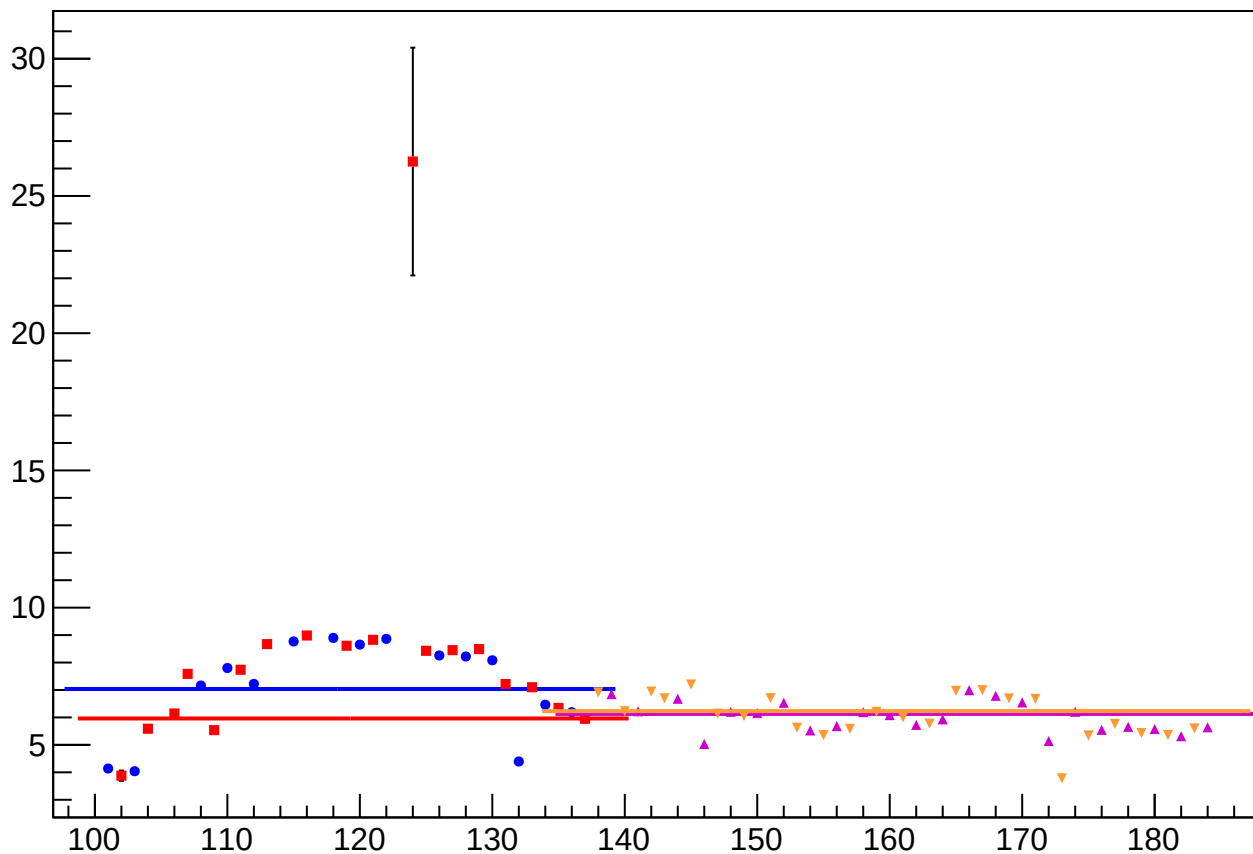
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.398 $\pm$ 0.000 χ^2 /NDF:17230.6/37

Out: 0.389 $\pm$ 0.000 χ^2 /NDF:13620.5/41

All: 0.394 $\pm$ 0.000 χ^2 /NDF: 31066.3/79

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.229 ± 0.002 χ^2/NDF : 118000.3/23

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.128 ± 0.002 χ^2/NDF : 56126.9/22

Left: 6.178 ± 0.001 χ^2/NDF : 176355.7/46

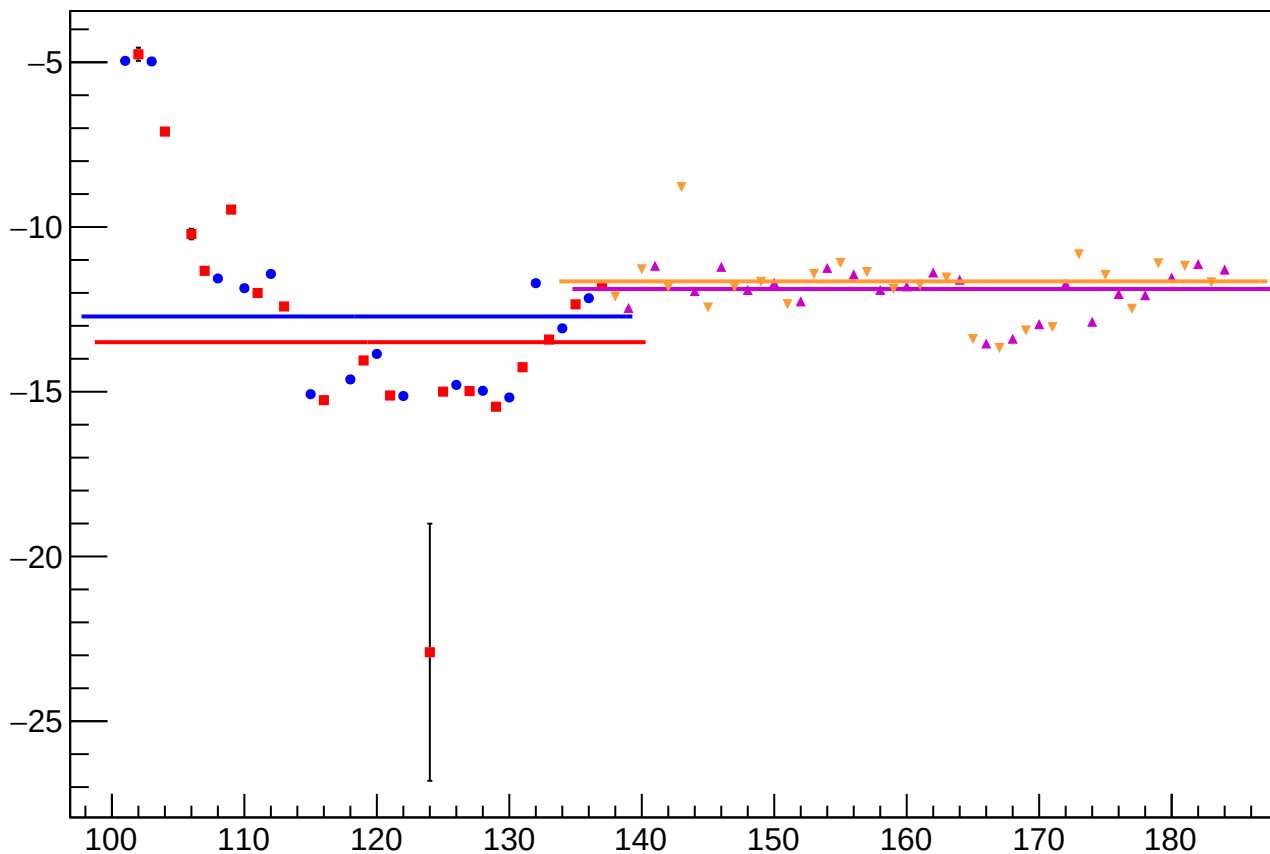
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.219 ± 0.001 χ^2/NDF : 162354.5/37

Out: 5.980 ± 0.000 χ^2/NDF : 315182.7/41

All: 5.997 ± 0.000 χ^2/NDF : 503499.7/79

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.651 ± 0.002 $\chi^2/\text{NDF}: 344023.2/23$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.880 ± 0.002 $\chi^2/\text{NDF}: 66782.1/22$

Left: -11.765 ± 0.001 $\chi^2/\text{NDF}: 416833.1/46$

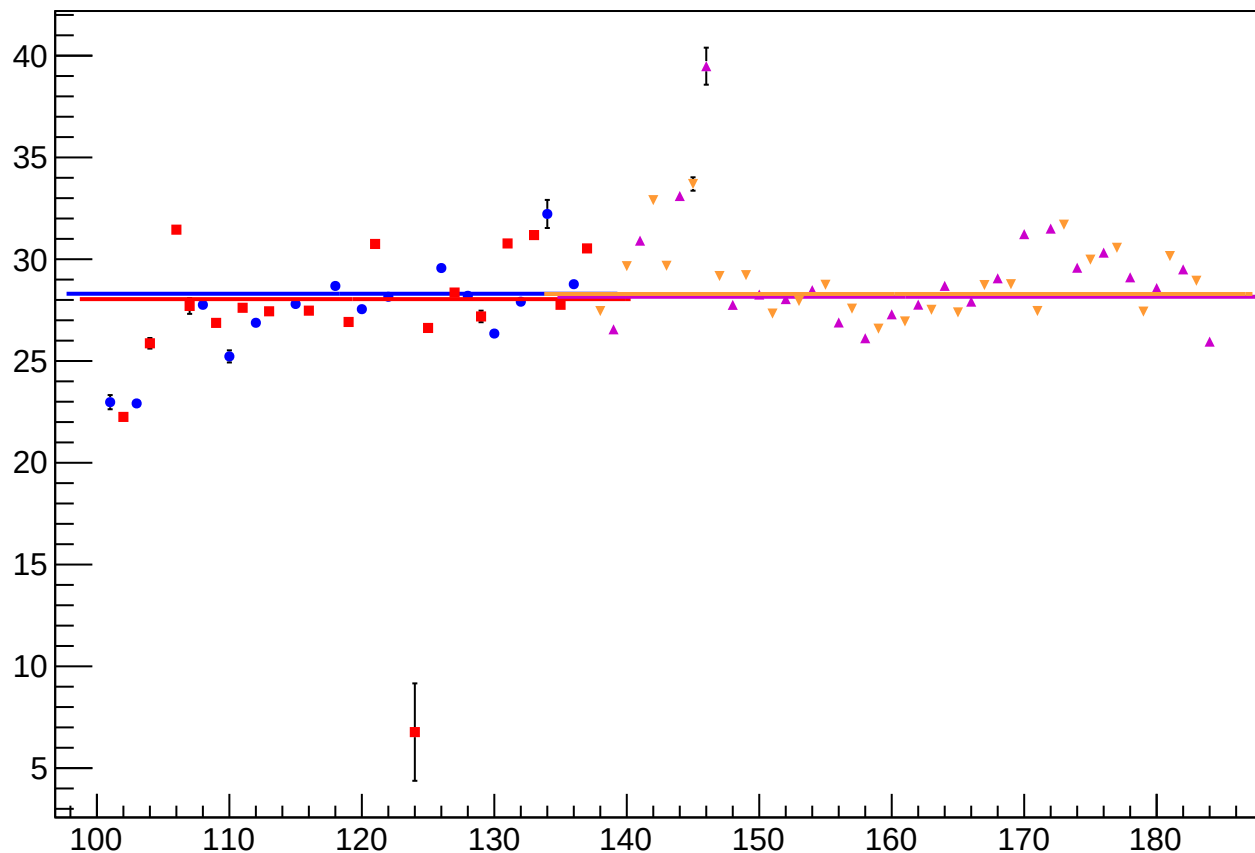
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -11.962 ± 0.002 $\chi^2/\text{NDF}: 167467.3/37$

Out: -11.861 ± 0.002 $\chi^2/\text{NDF}: 489112.1/41$

All: -11.910 ± 0.001 $\chi^2/\text{NDF}: 657889.4/79$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.292 $\pm$ 0.018 χ^2 /NDF: 6730.8/23

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.156 $\pm$ 0.015 χ^2 /NDF: 9251.0/22

Left: 28.212 $\pm$ 0.011 χ^2 /NDF: 16017.3/46

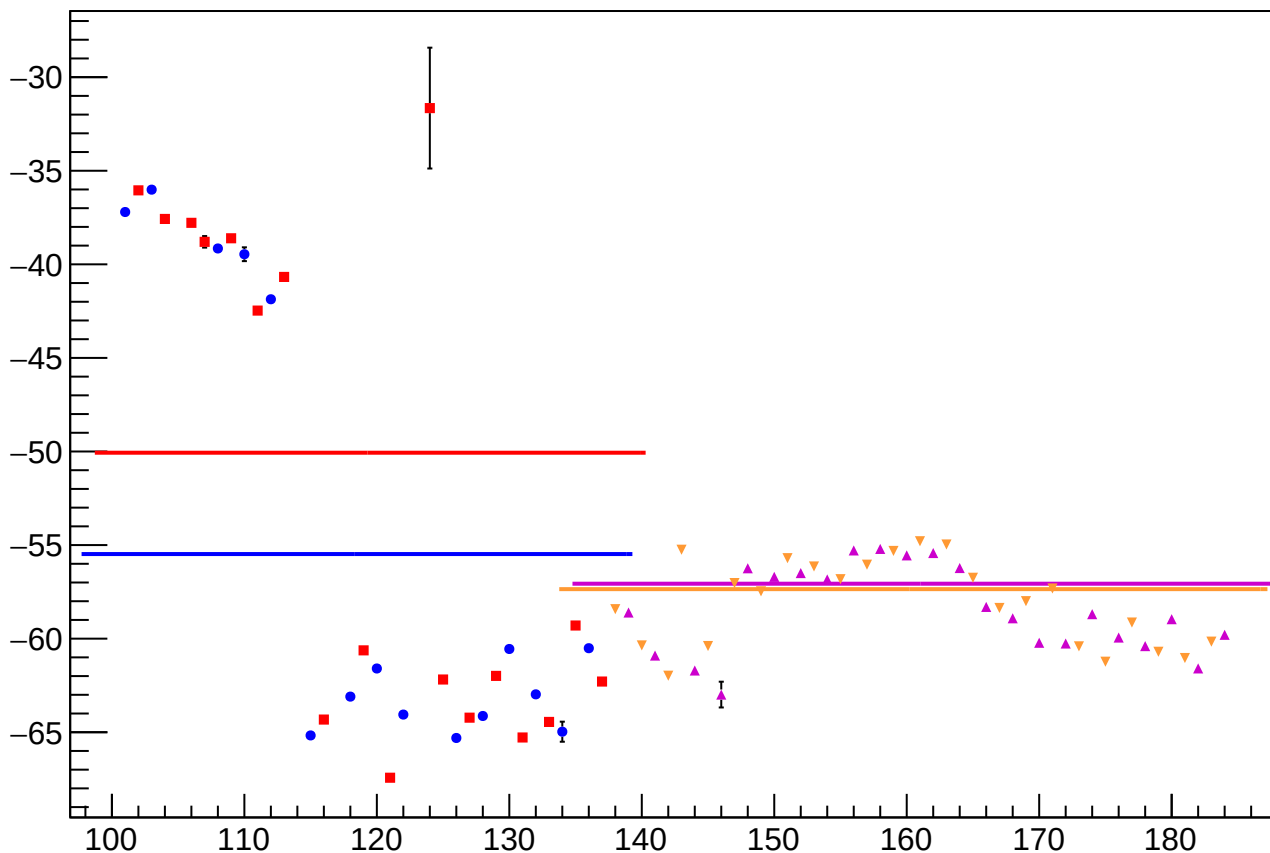
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.198 $\pm$ 0.012 χ^2 /NDF: 12680.4/37

Out: 28.229 $\pm$ 0.015 χ^2 /NDF: 9344.2/41

All: 28.210 $\pm$ 0.010 χ^2 /NDF: 22027.0/79

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -57.355 ± 0.014 $\chi^2/\text{NDF}: 22950.8/23$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -57.064 ± 0.013 $\chi^2/\text{NDF}: 19679.5/22$

Left: -57.190 ± 0.010 $\chi^2/\text{NDF}: 42857.3/46$

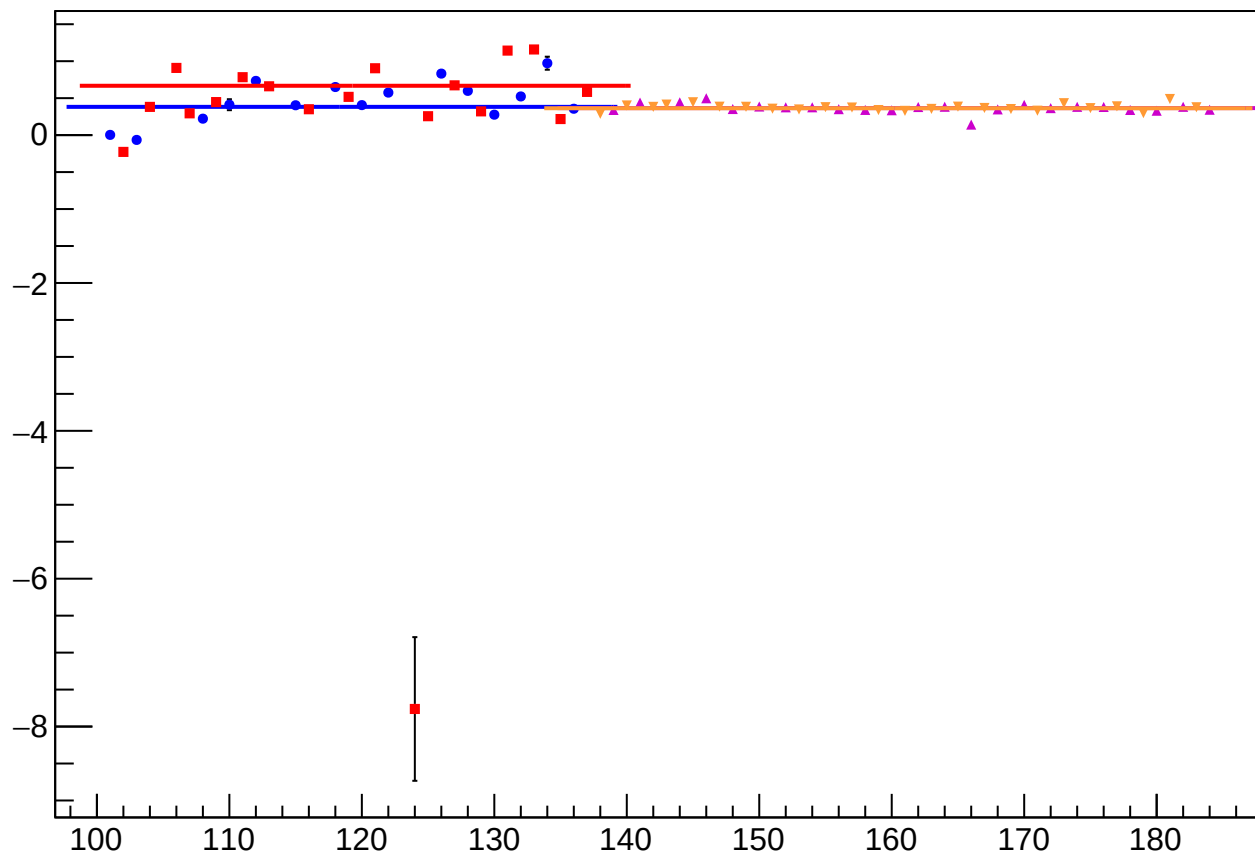
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.478 ± 0.010 $\chi^2/\text{NDF}: 620581.6/37$

Out: -55.299 ± 0.012 $\chi^2/\text{NDF}: 434384.5/41$

All: -56.003 ± 0.008 $\chi^2/\text{NDF}: 1060471.6/79$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.364 ± 0.000 $\chi^2/\text{NDF}: 8225.1/23$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.365 ± 0.000 $\chi^2/\text{NDF}: 6174.1/22$

Left: 0.365 ± 0.000 $\chi^2/\text{NDF}: 14414.2/46$

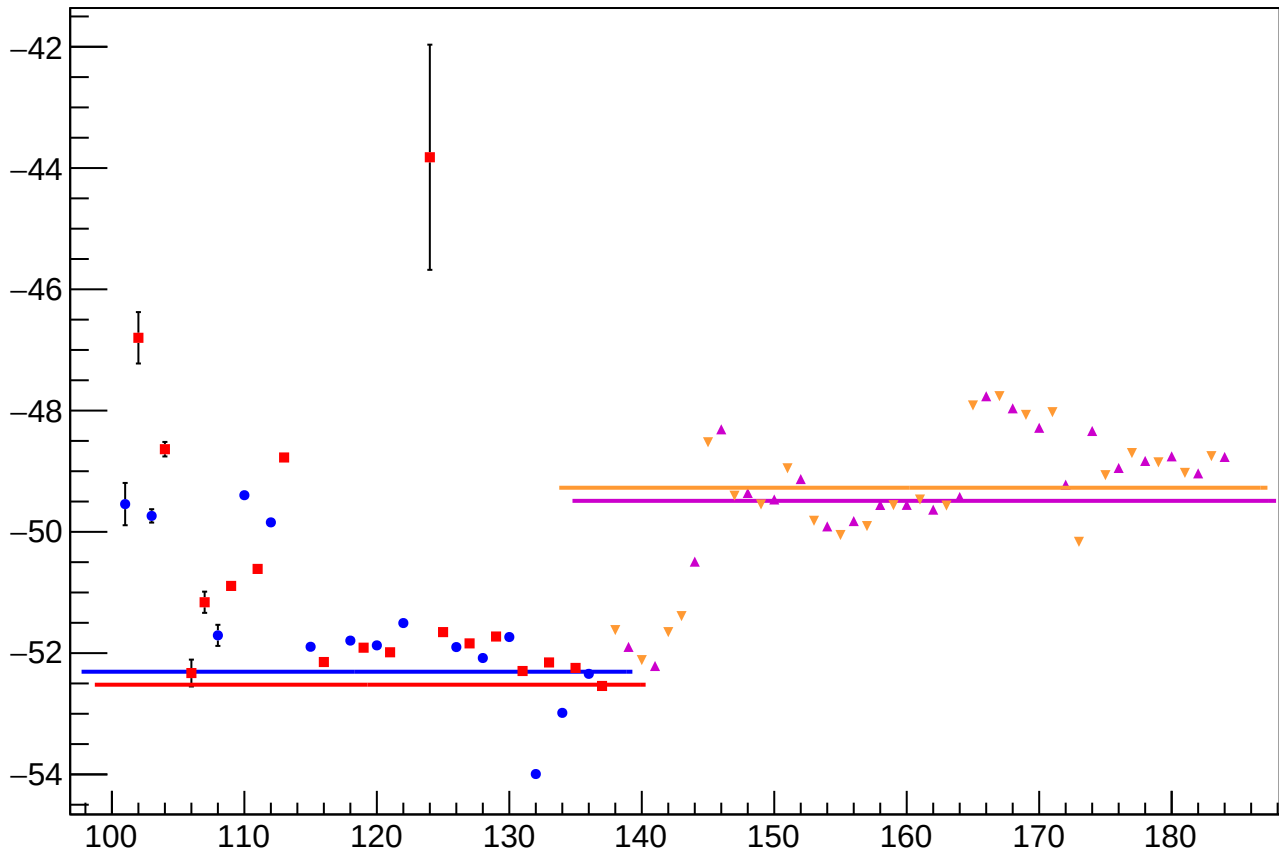
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.366 ± 0.000 $\chi^2/\text{NDF}: 10875.4/37$

Out: 0.365 ± 0.000 $\chi^2/\text{NDF}: 16260.8/41$

All: 0.366 ± 0.000 $\chi^2/\text{NDF}: 27139.7/79$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14

Left Out: -49.272 ± 0.001 χ^2/NDF : 512046.5/23

Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17

Left In: -49.488 ± 0.001 χ^2/NDF : 431523.8/22

Left: -49.378 ± 0.001 χ^2/NDF : 955741.1/46

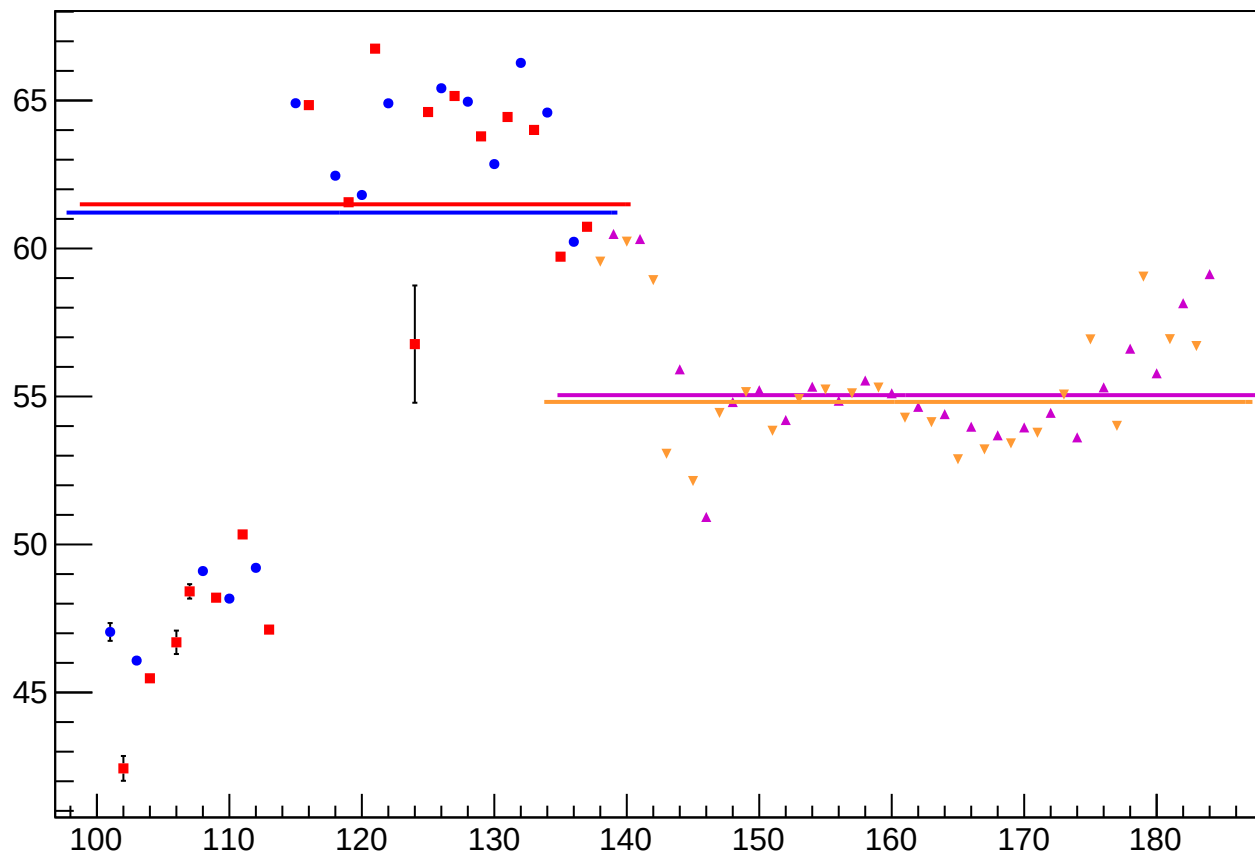
Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32

In: -49.812 ± 0.001 χ^2/NDF : 923740.1/37

Out: -51.248 ± 0.001 χ^2/NDF : 3924933.1/41

All: -50.818 ± 0.001 χ^2/NDF : 5682961.2/79

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 54.816 $\pm$ 0.003 χ^2 /NDF: 269519.2/23

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.045 $\pm$ 0.003 χ^2 /NDF: 88930.1/22

Left: 54.942 $\pm$ 0.002 χ^2 /NDF: 361317.4/46

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.519 $\pm$ 0.003 χ^2 /NDF: 601910.7/37

Out: 56.028 $\pm$ 0.003 χ^2 /NDF: 1321647.2/41

All: 55.764 $\pm$ 0.002 χ^2 /NDF: 1940015.7/79

dit_4aX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

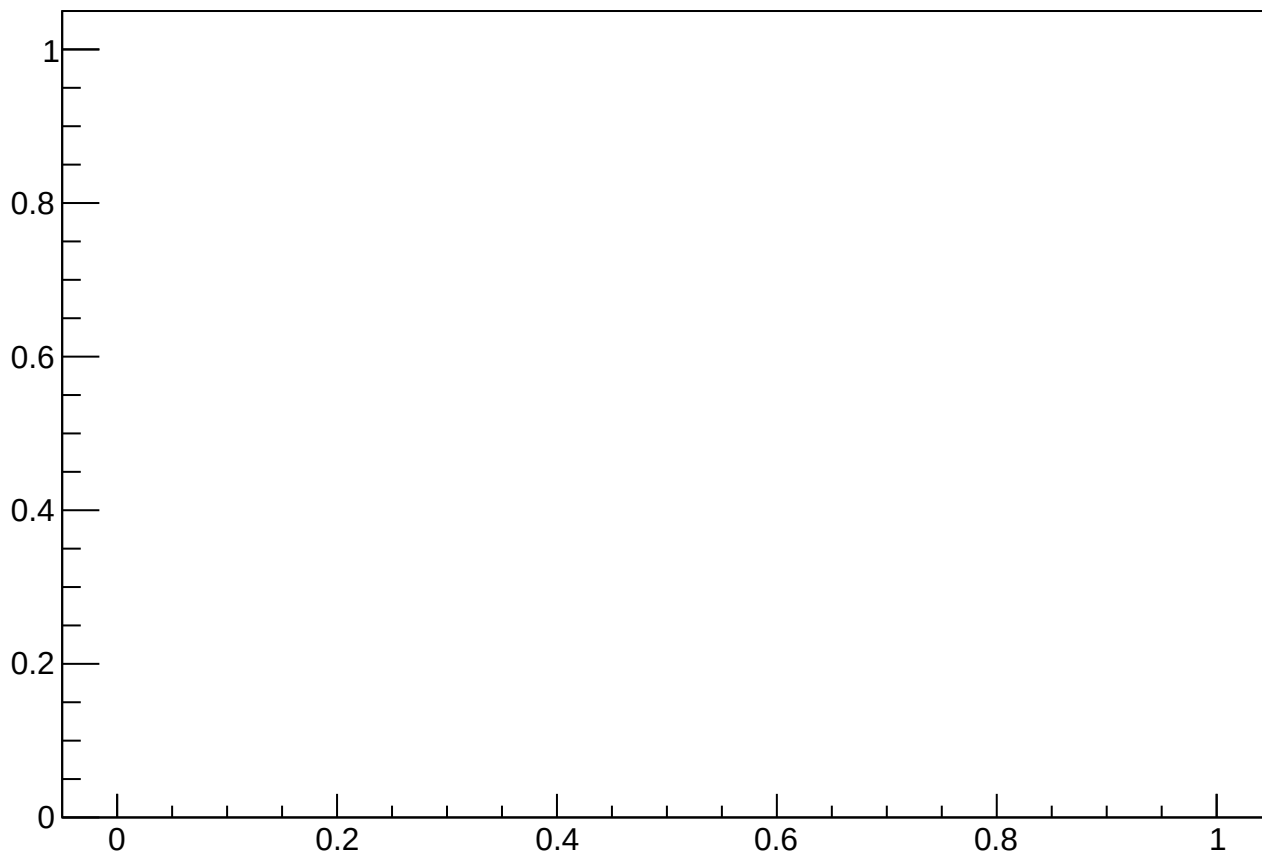
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

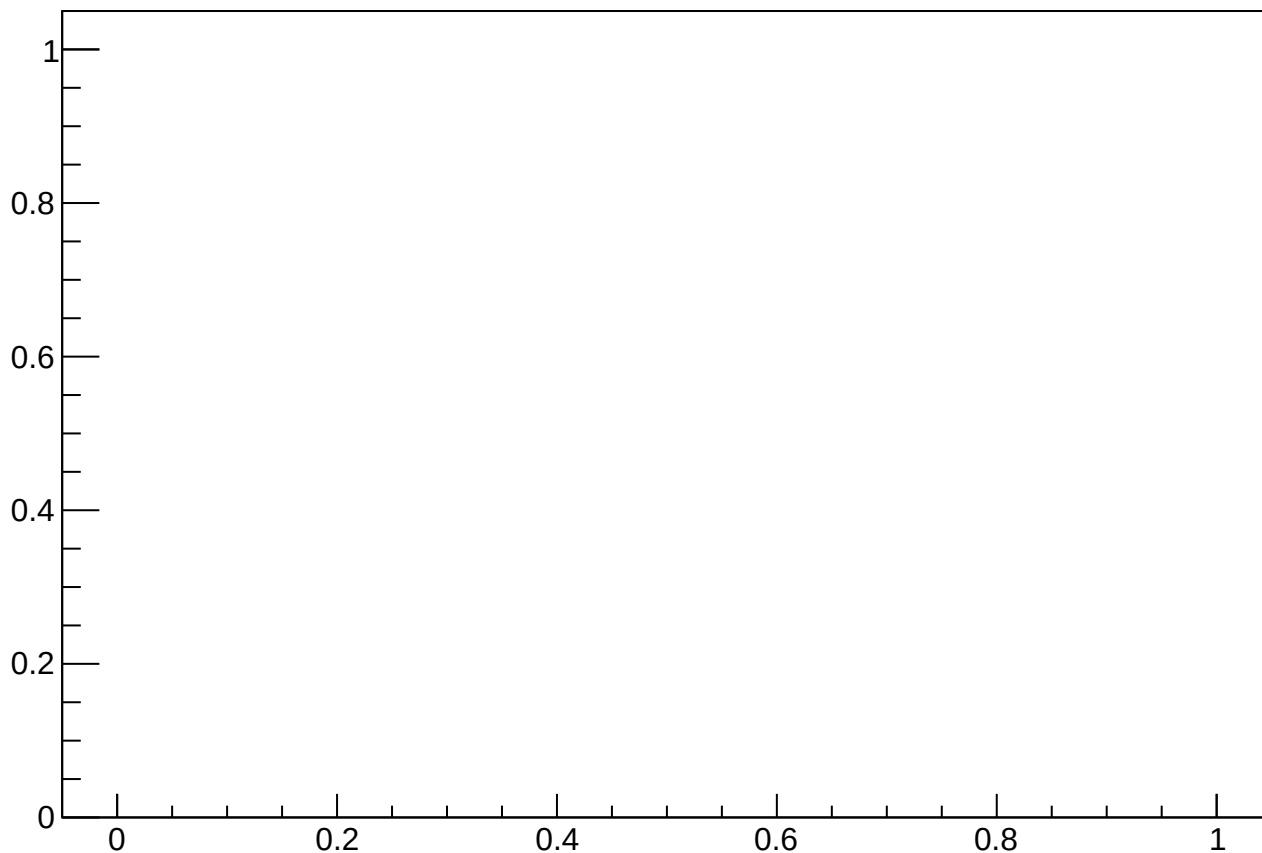
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



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

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

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

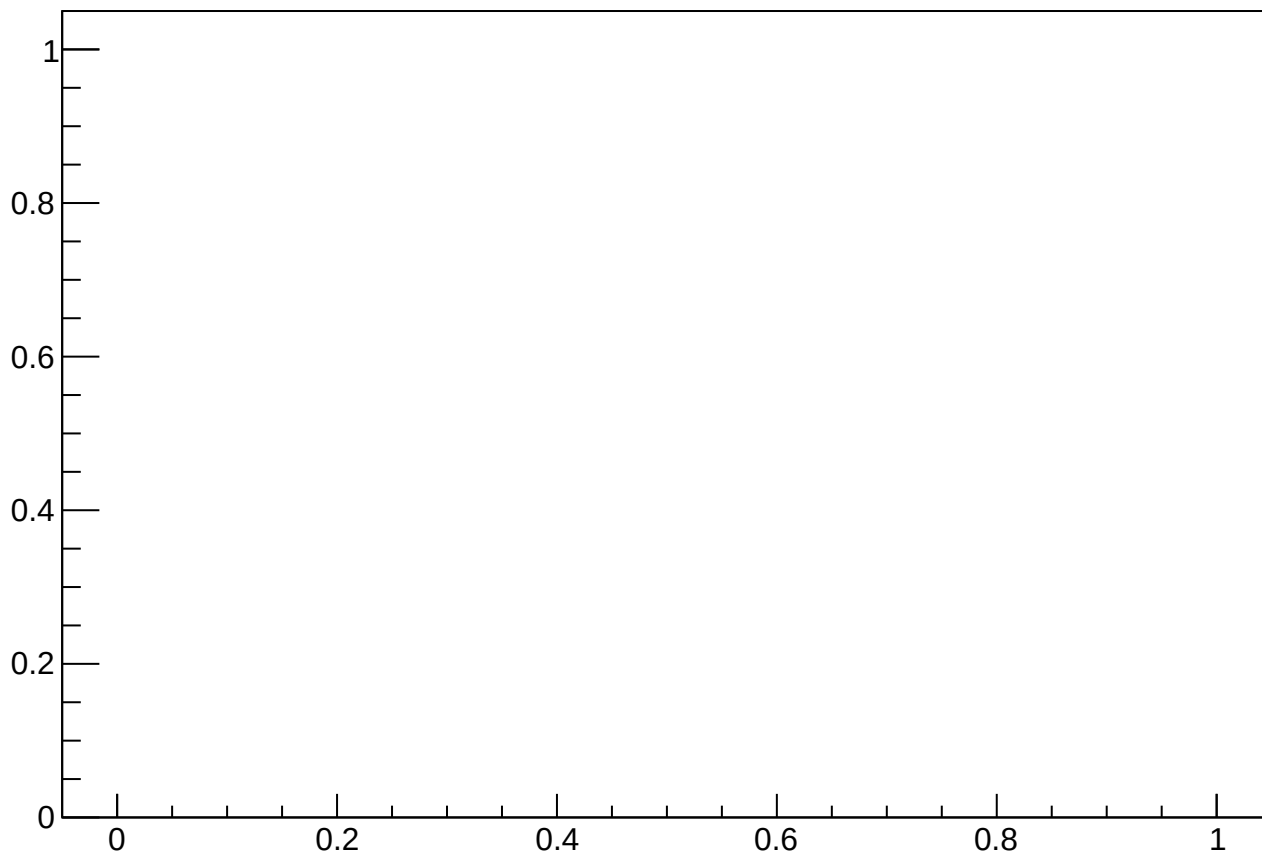
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

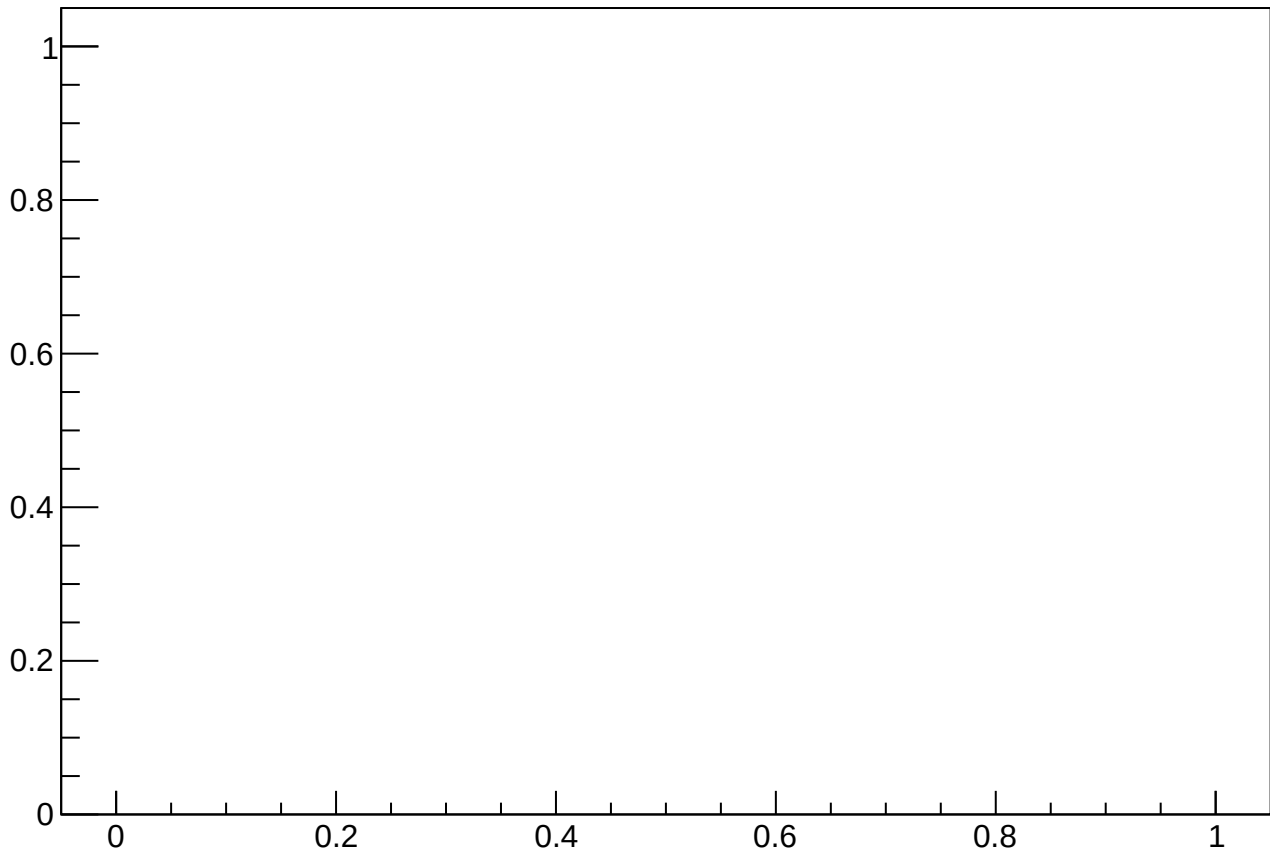
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

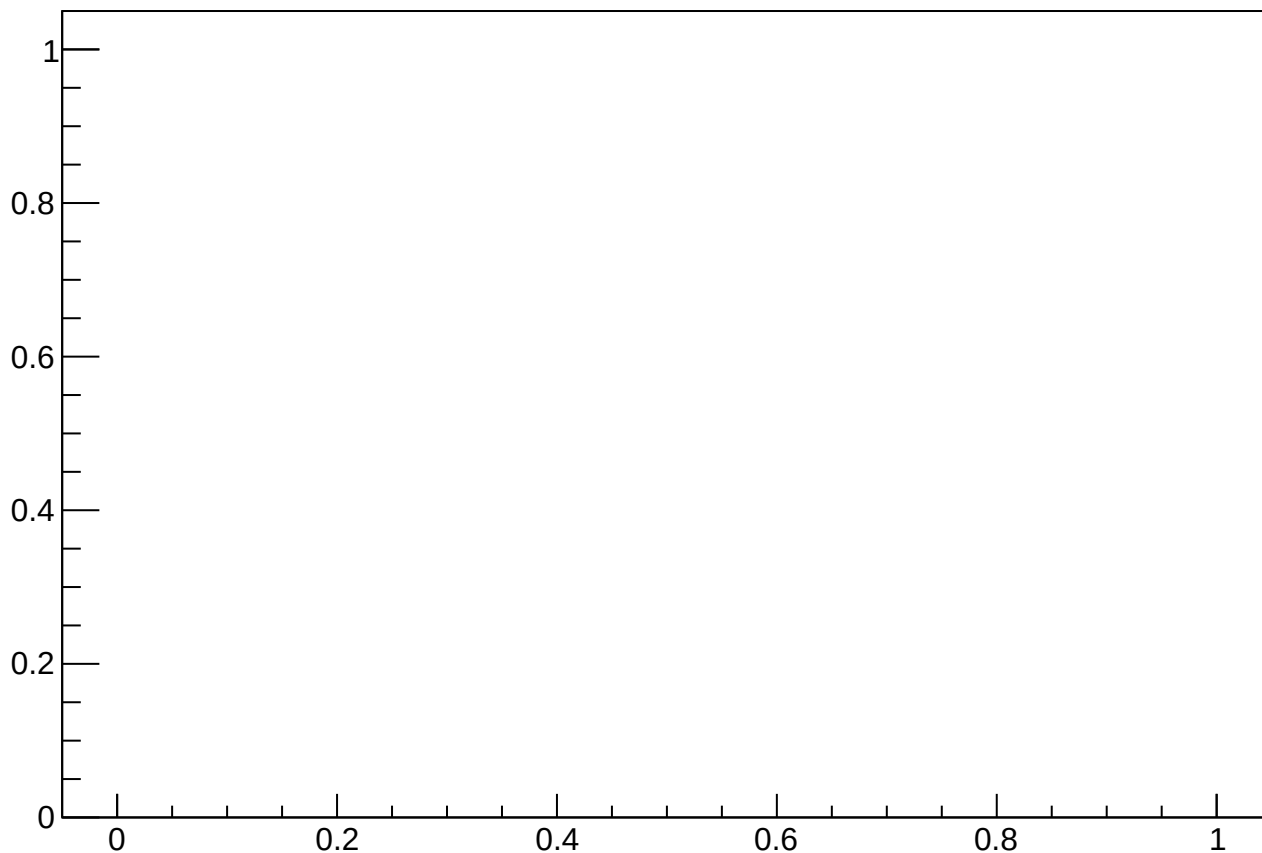
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

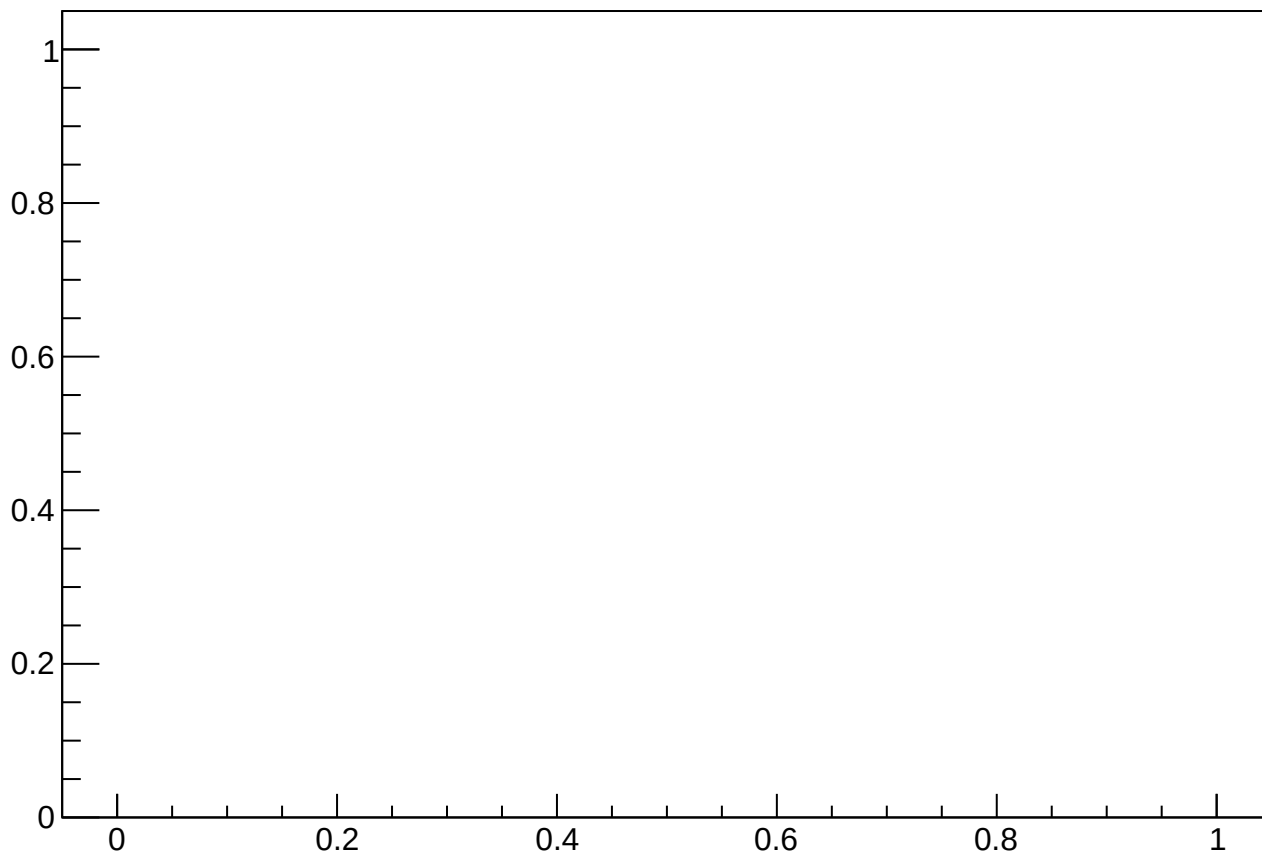
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

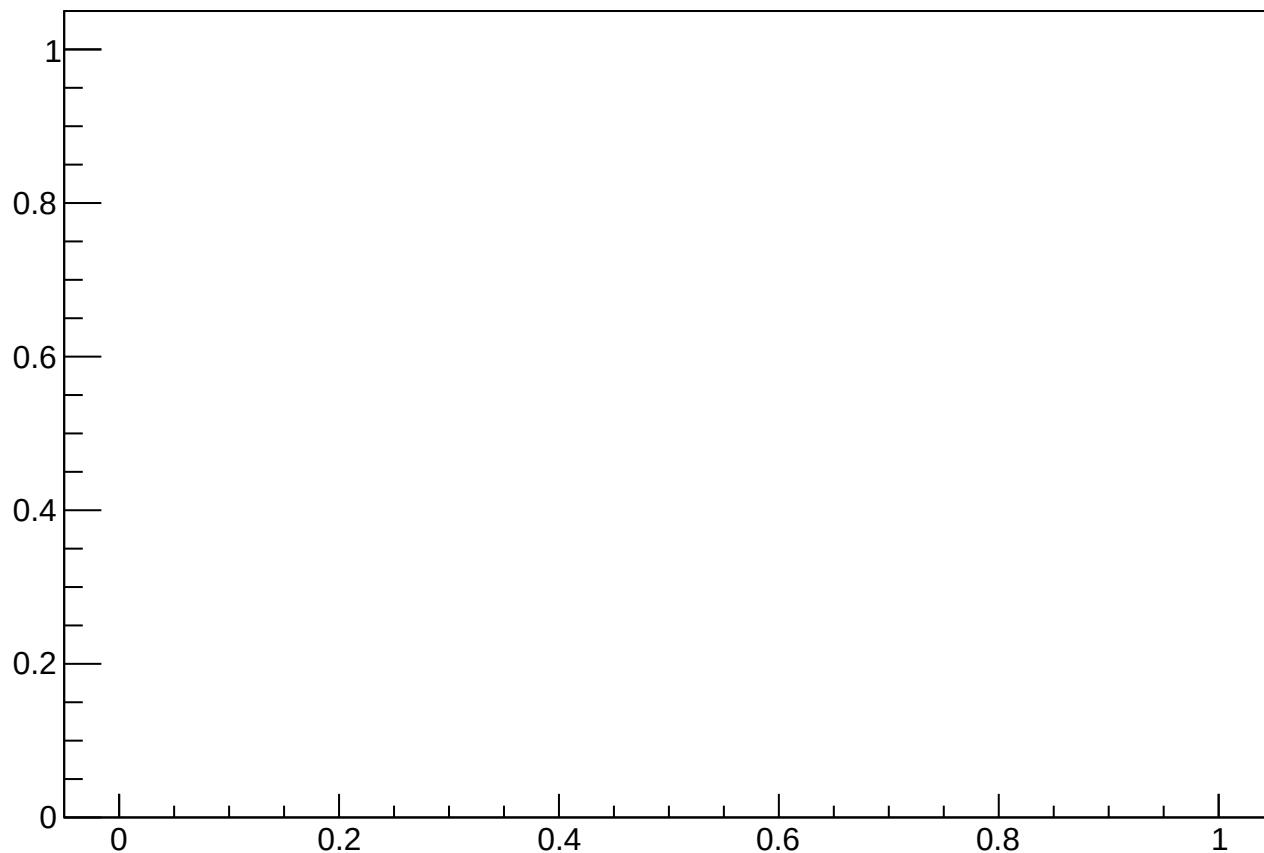
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

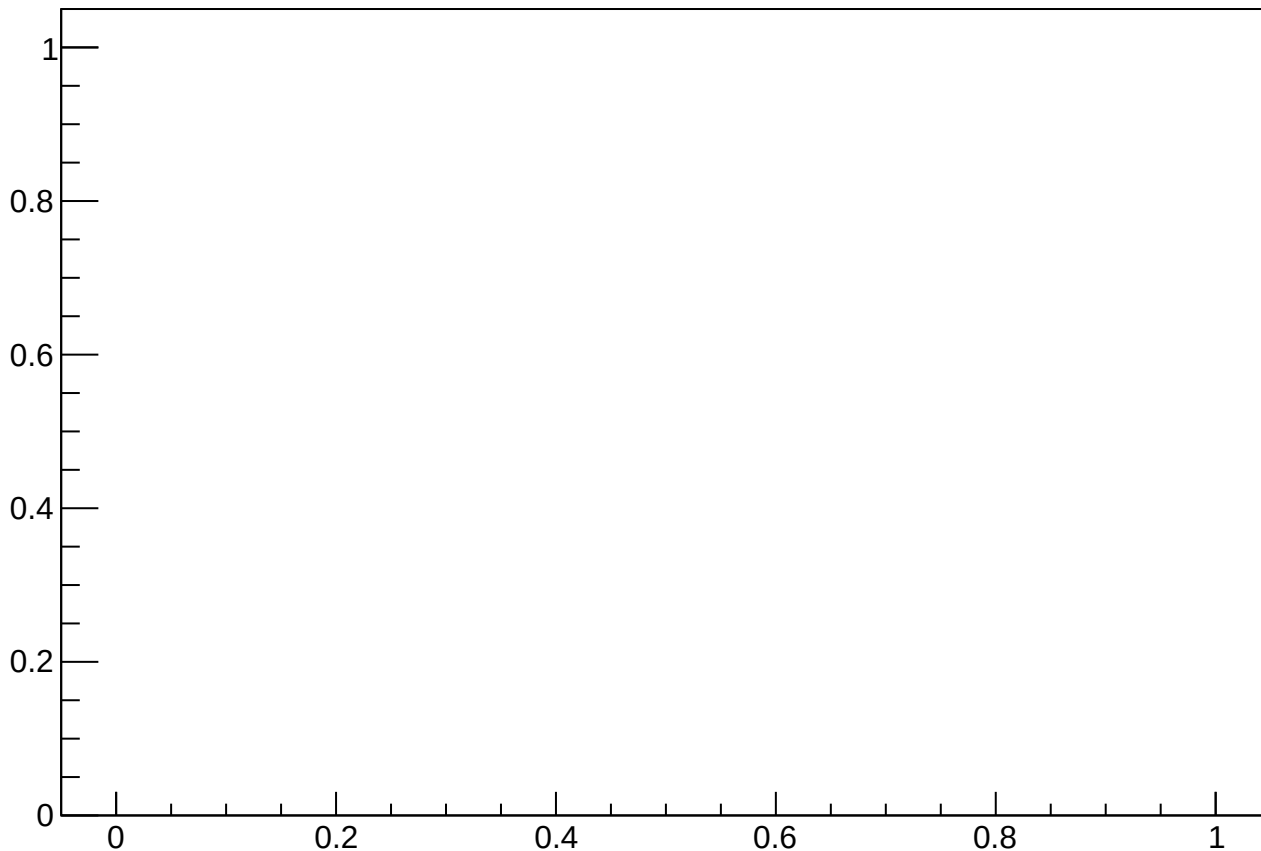
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

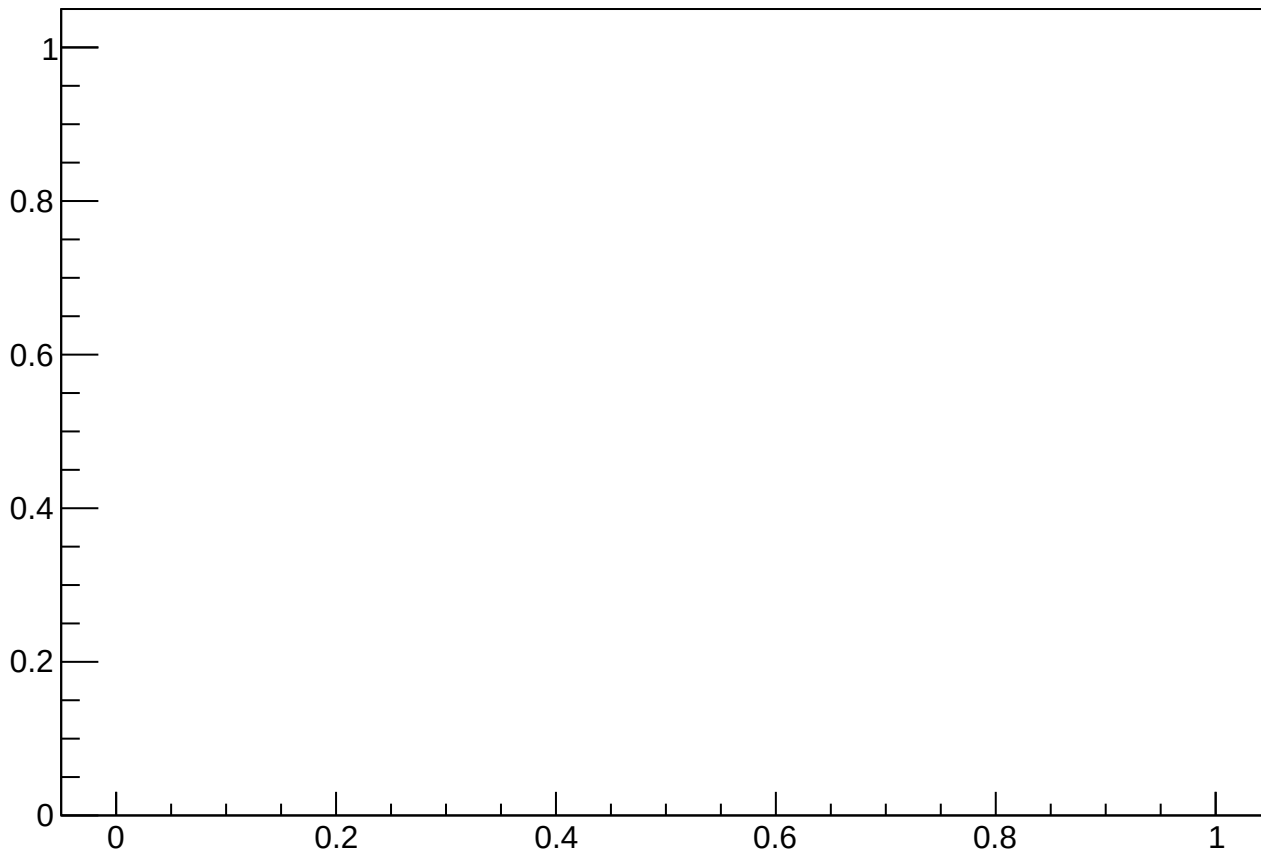
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

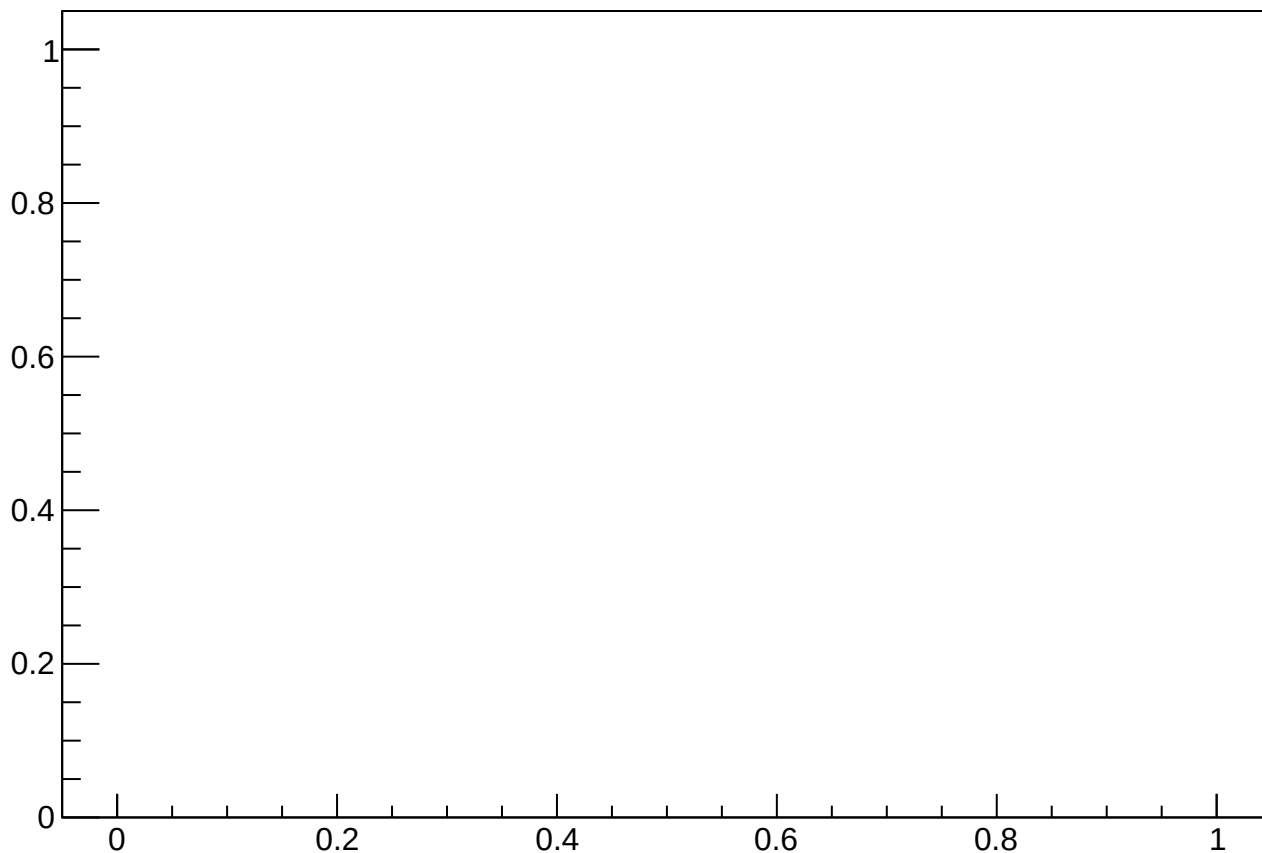
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

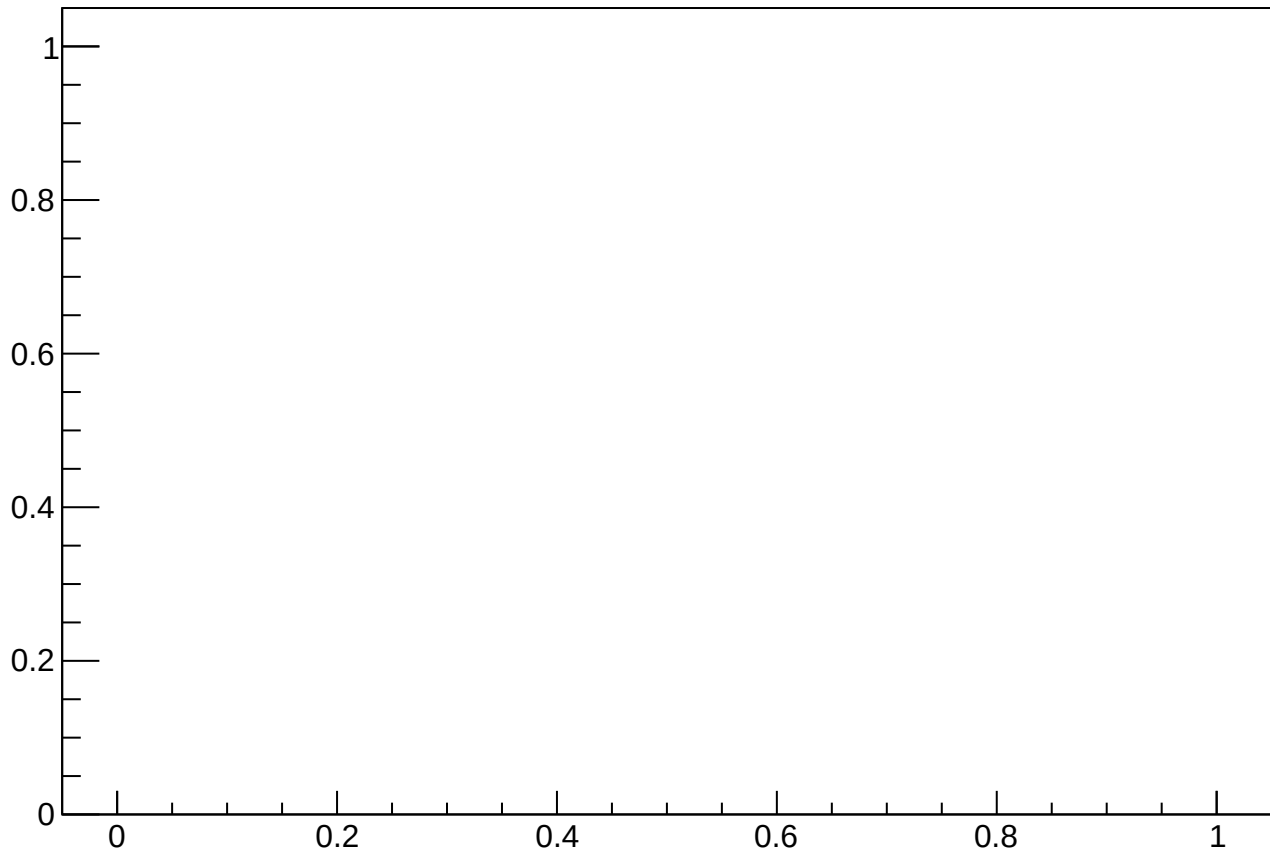
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

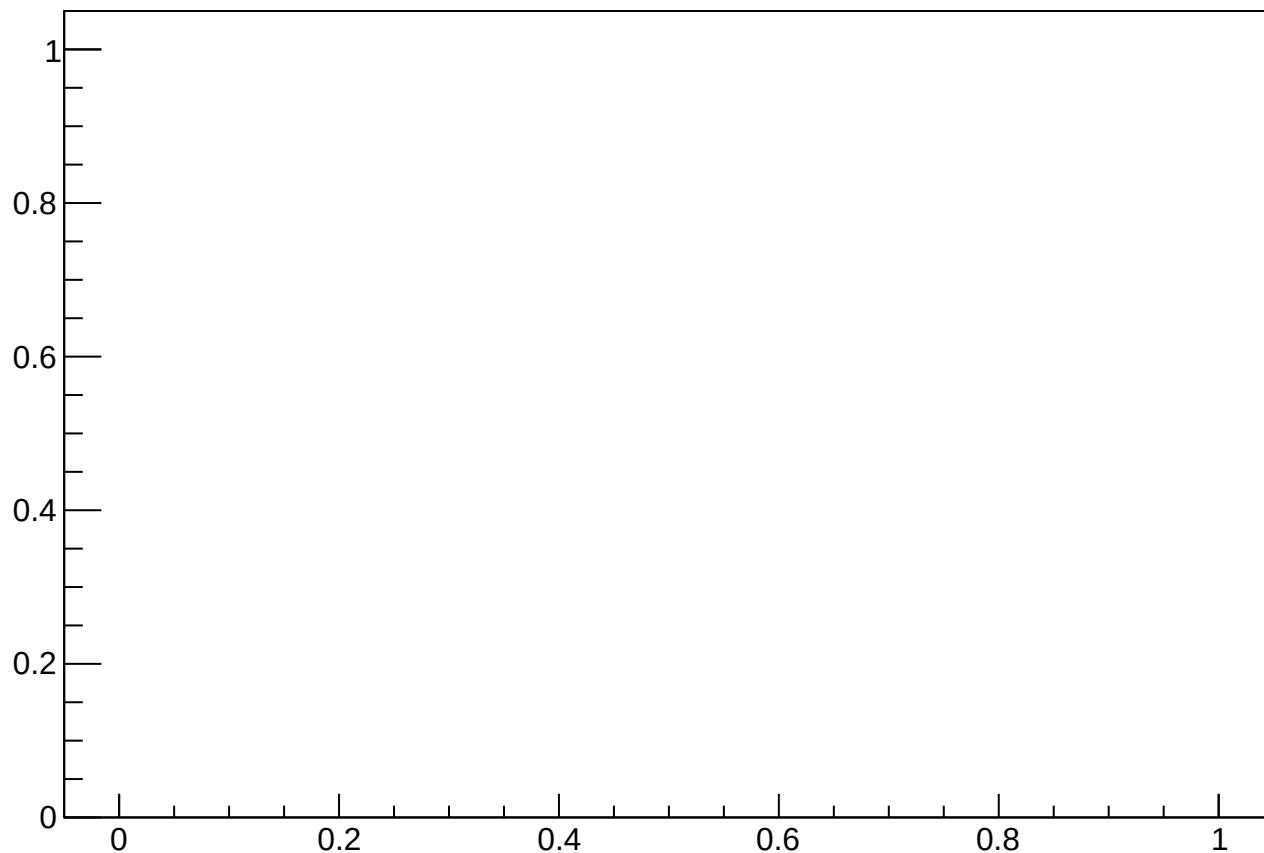
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

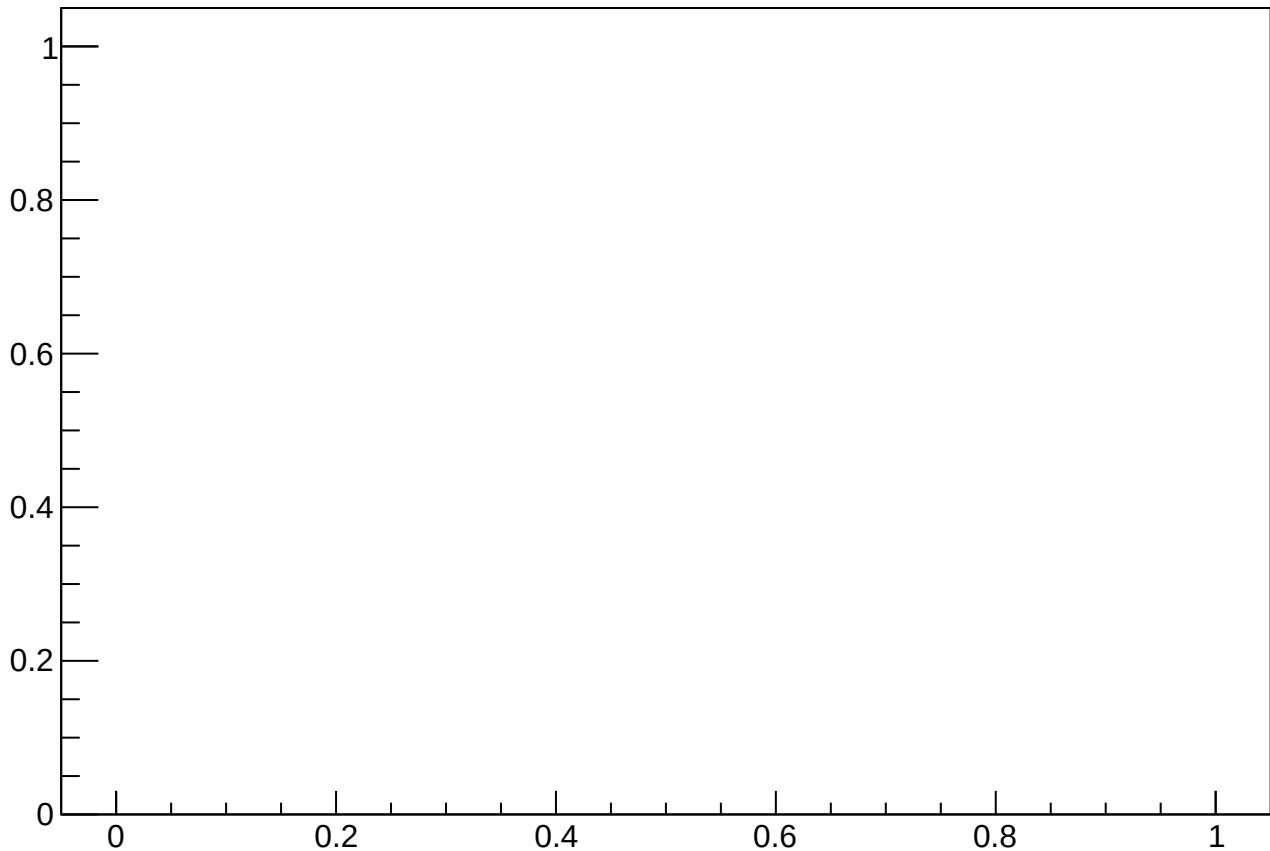
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

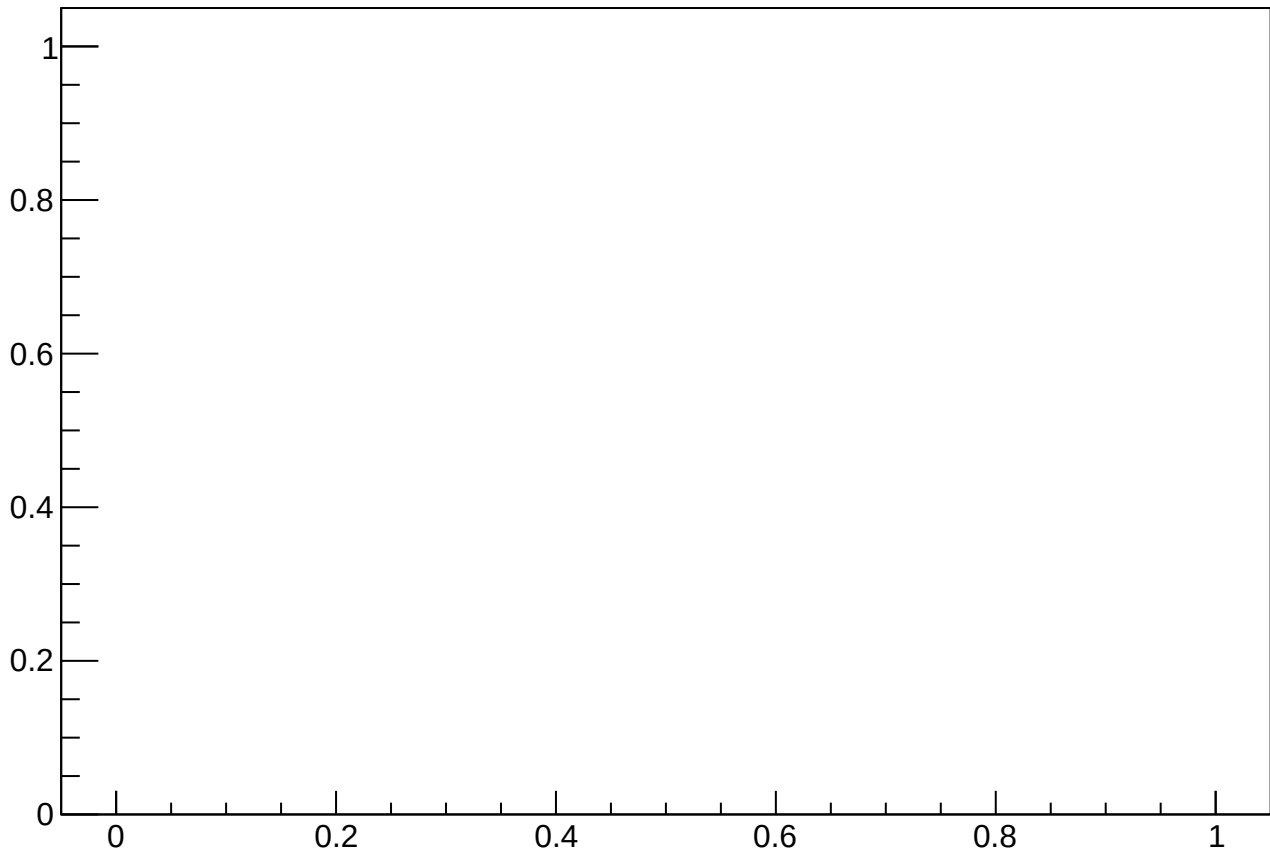
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

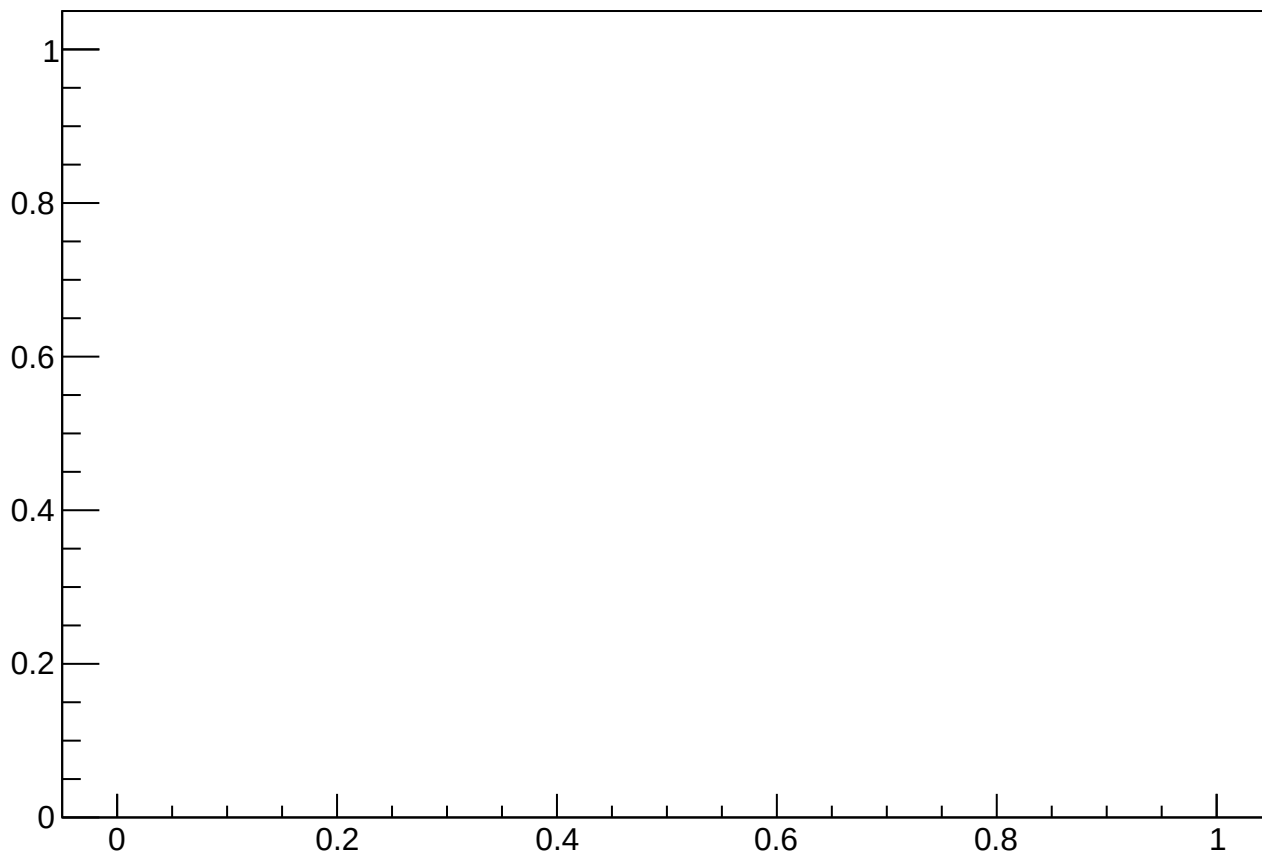
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

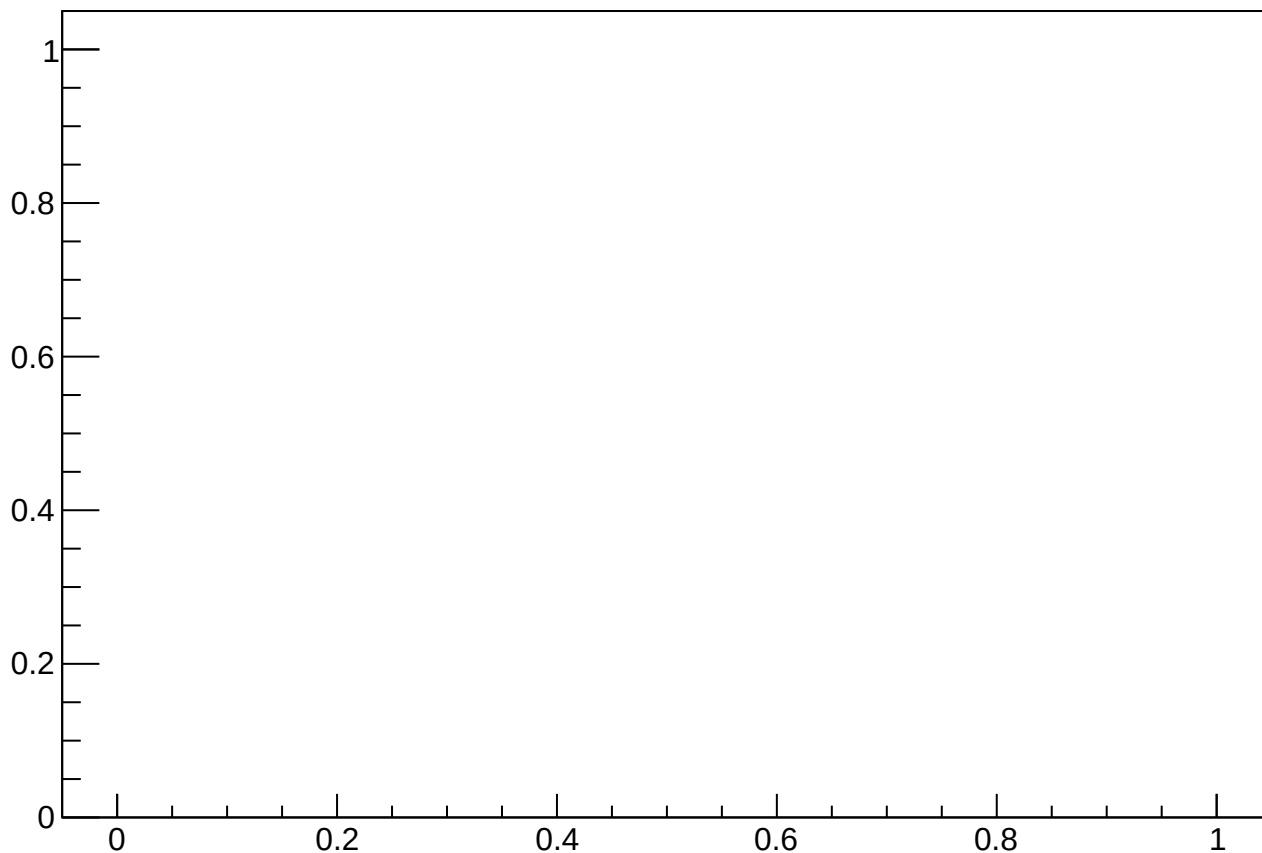
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

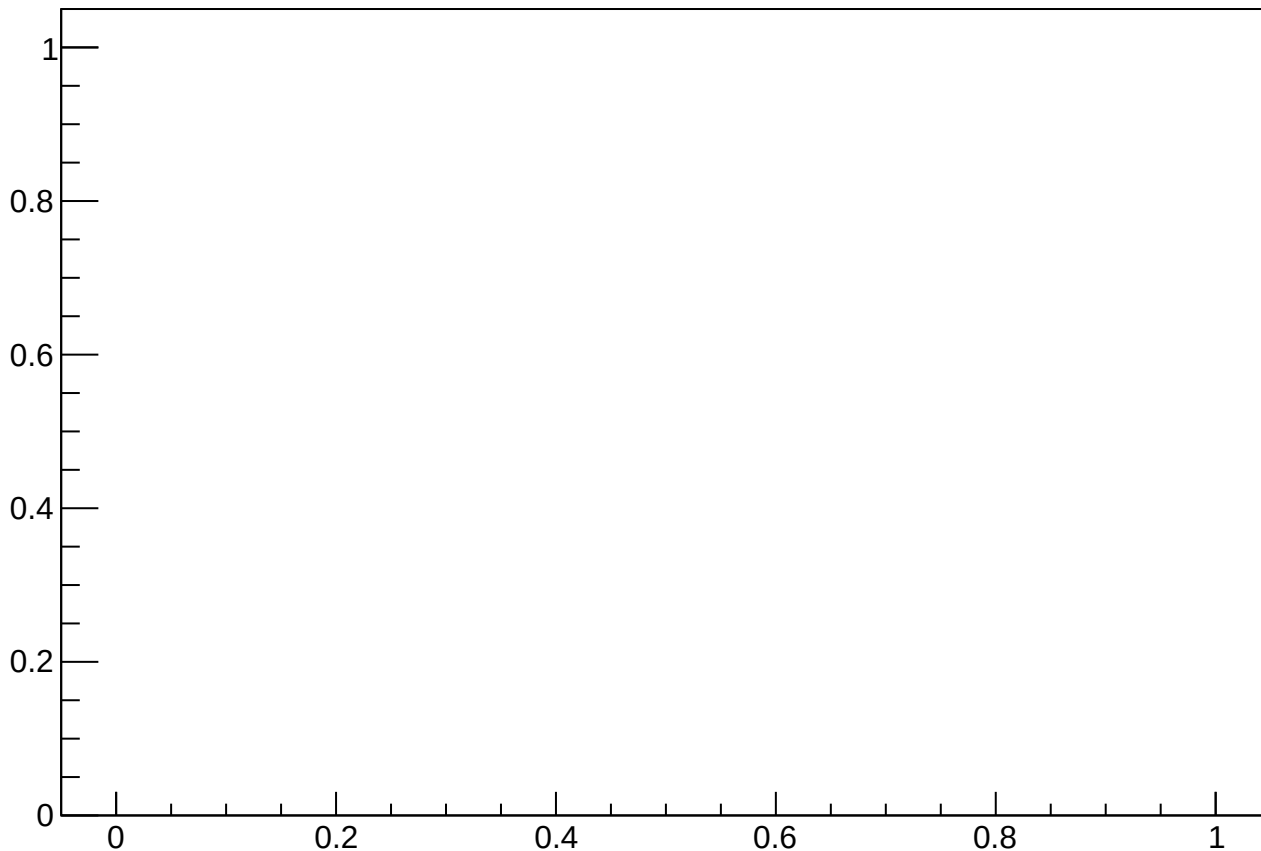
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

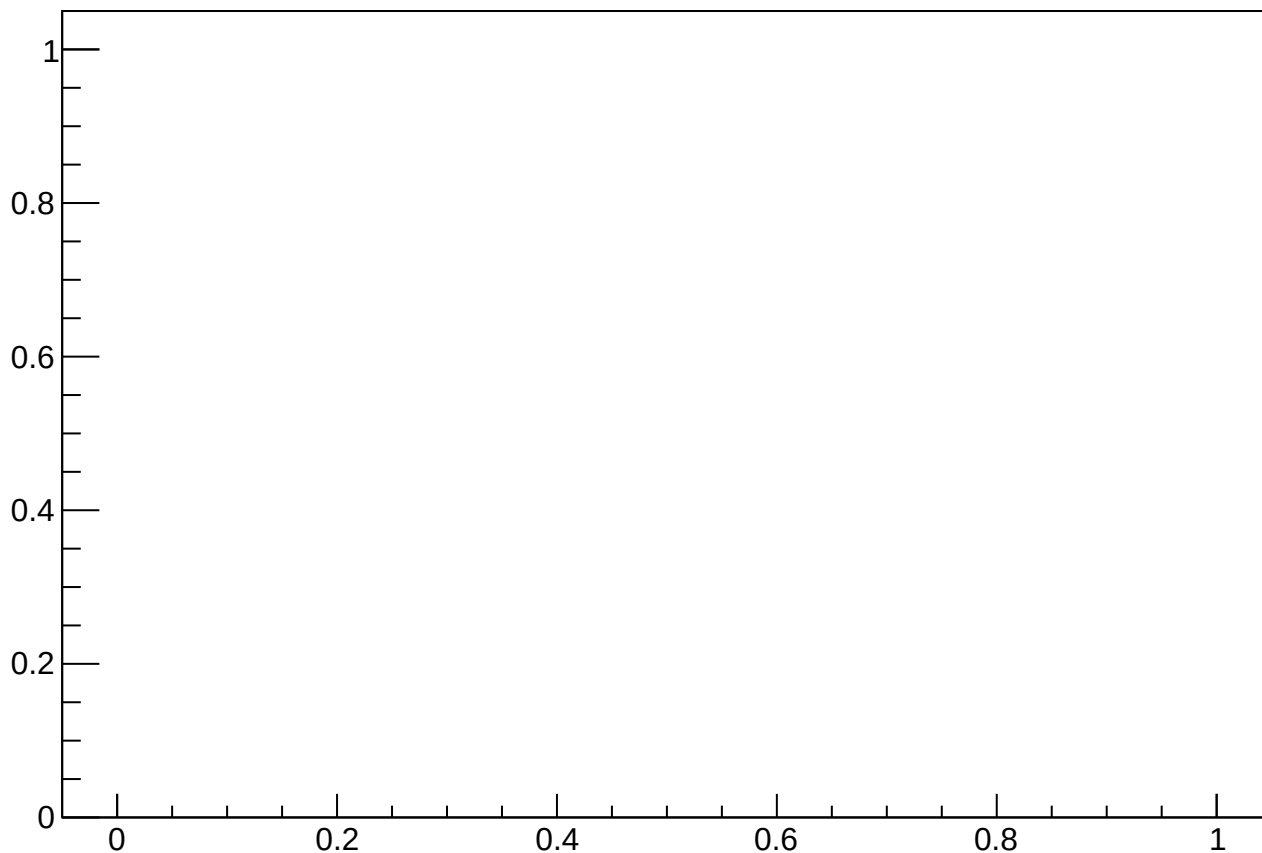
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

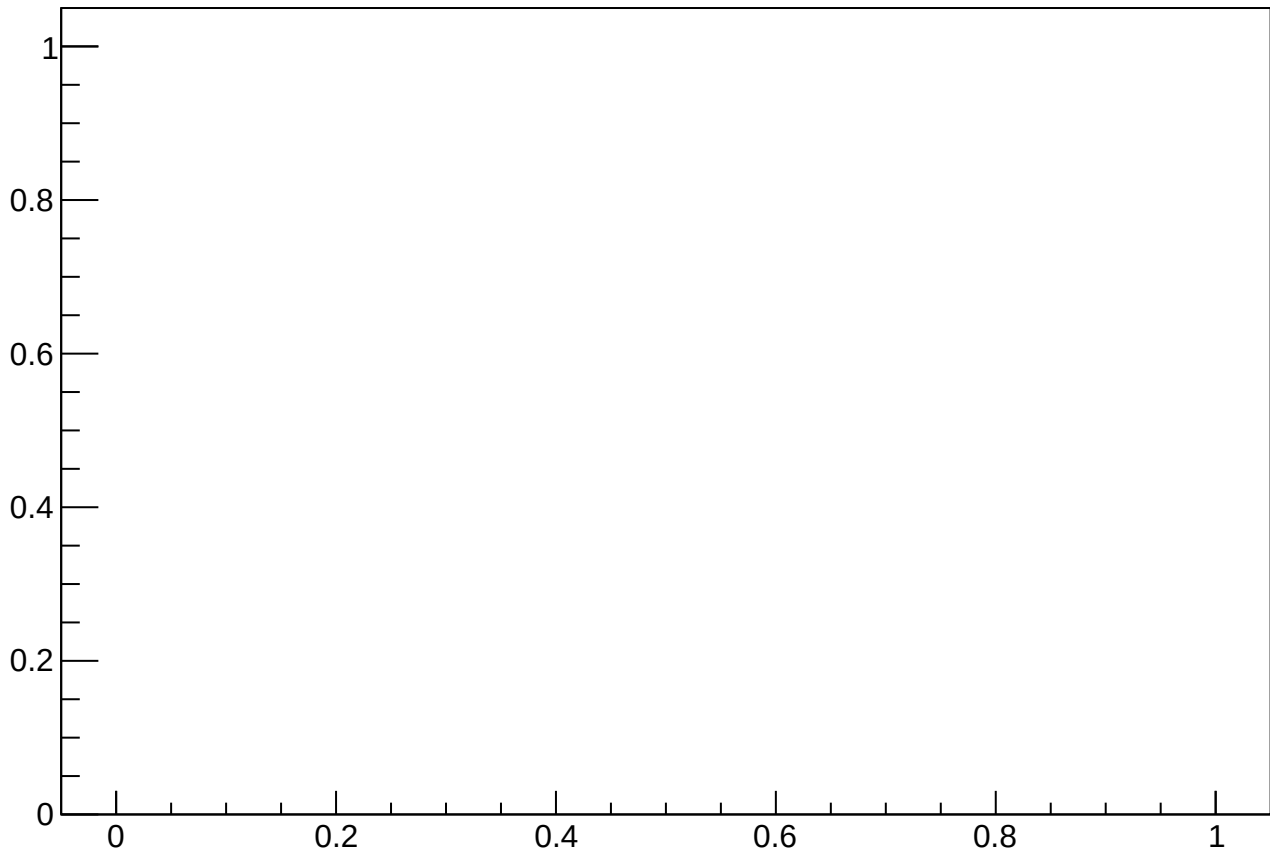
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_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

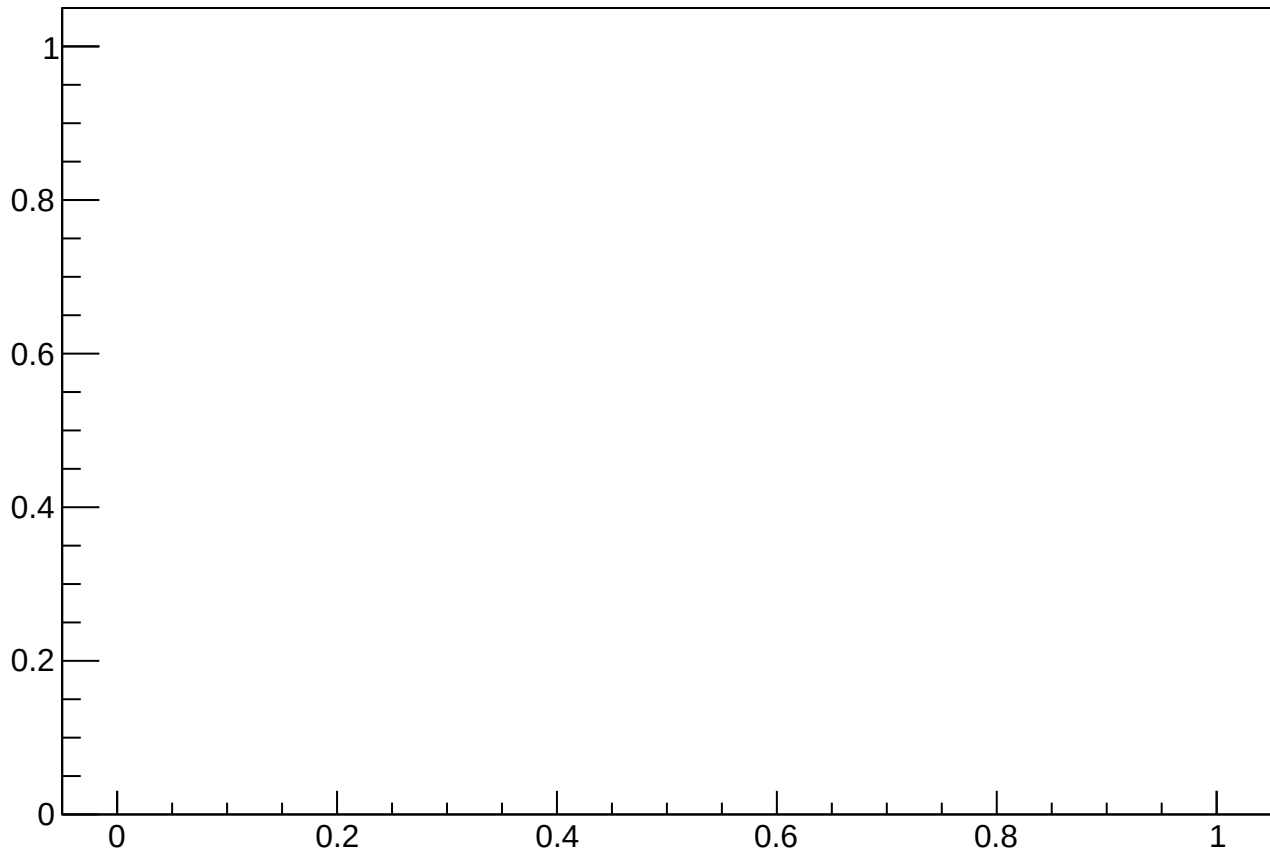
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

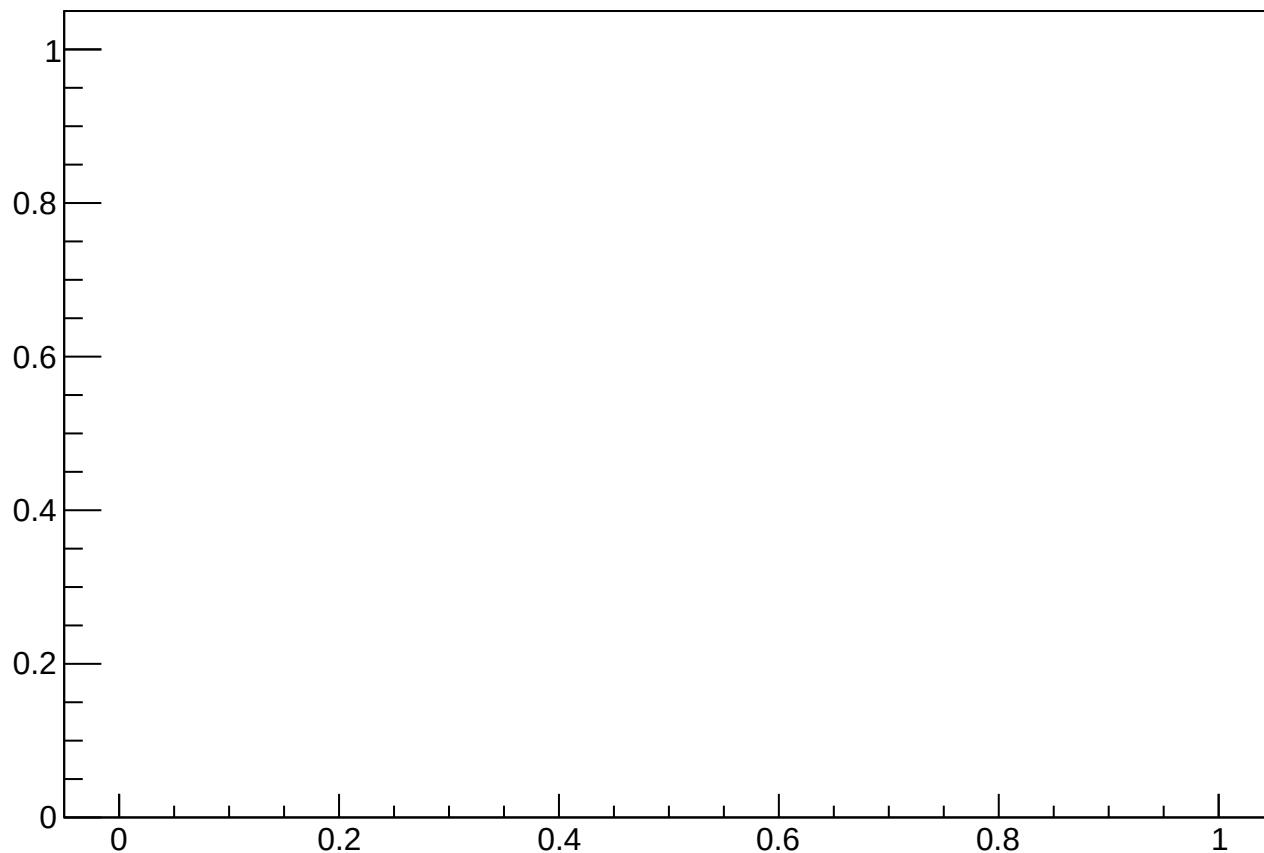
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

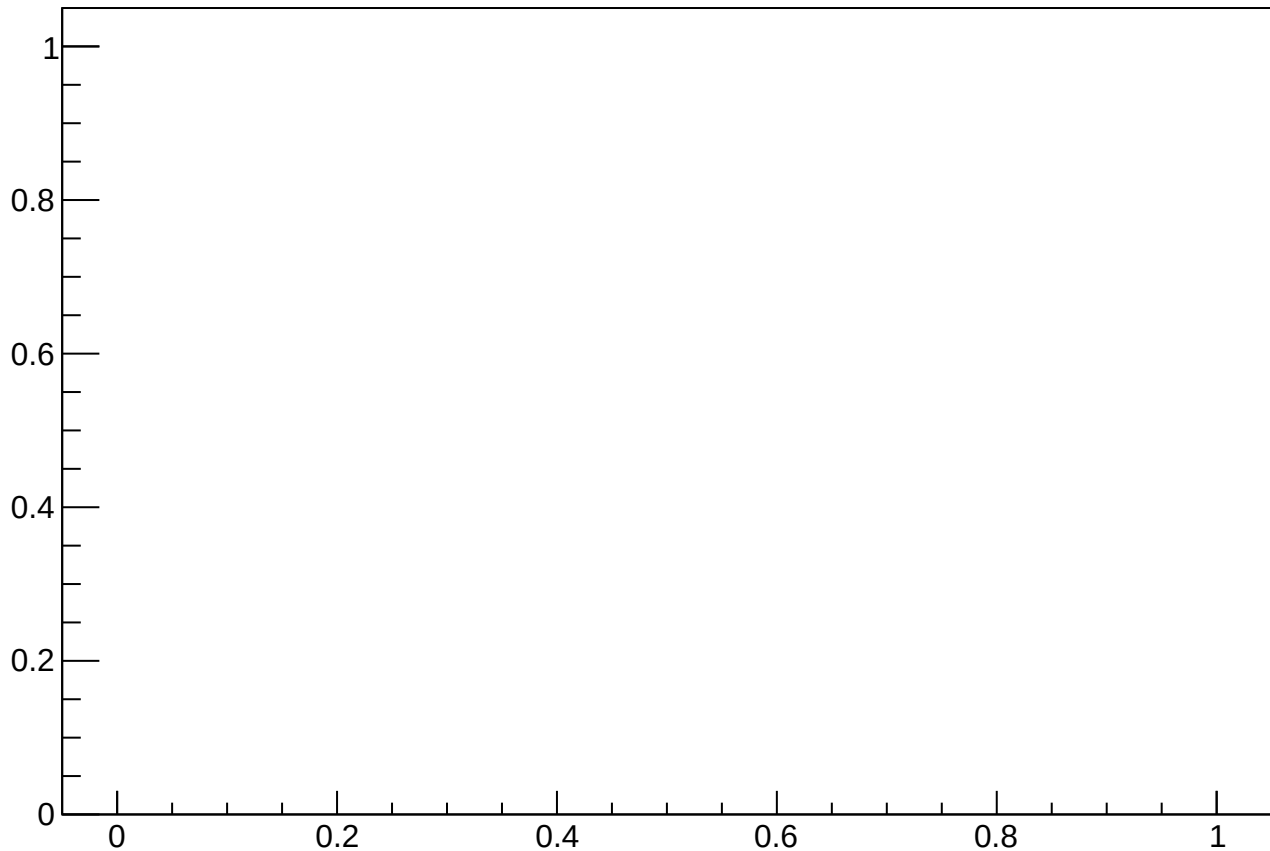
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

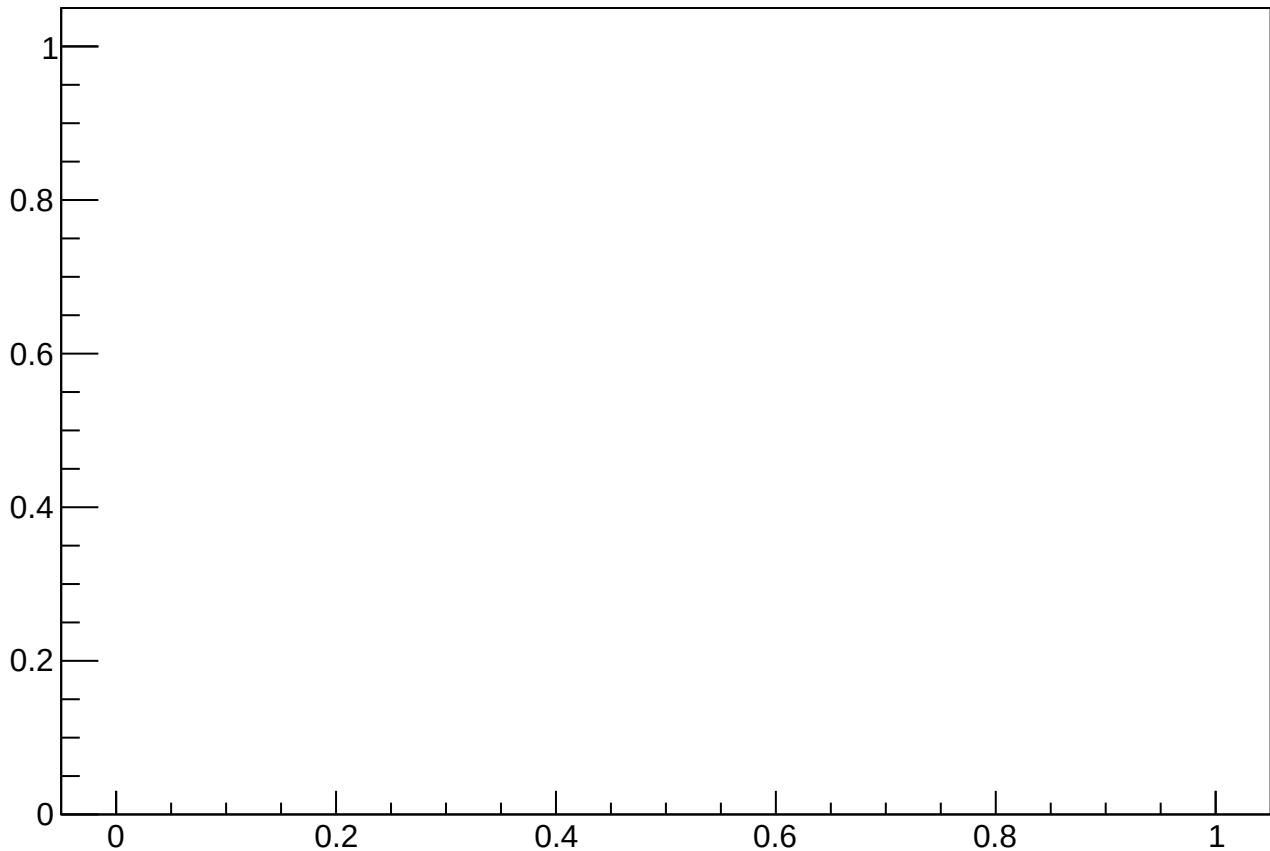
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

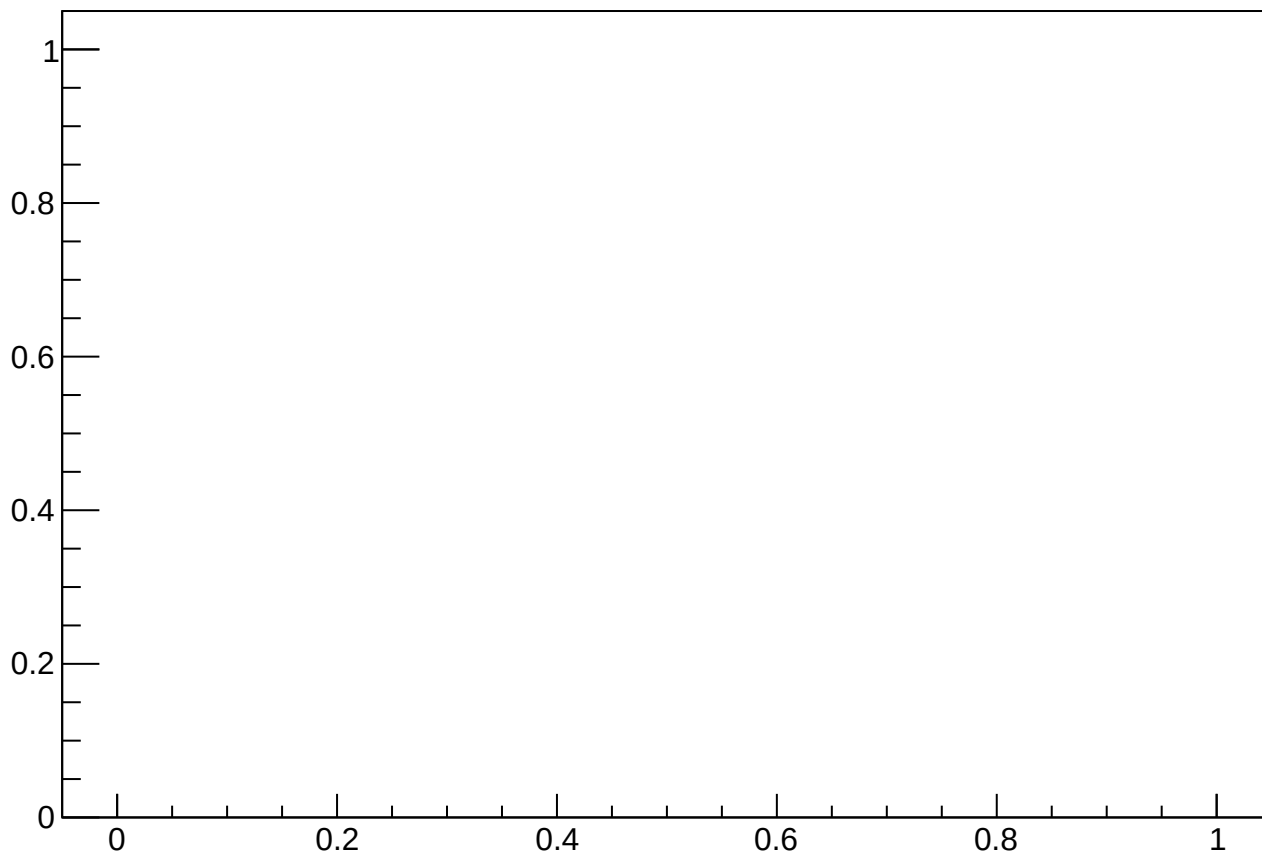
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

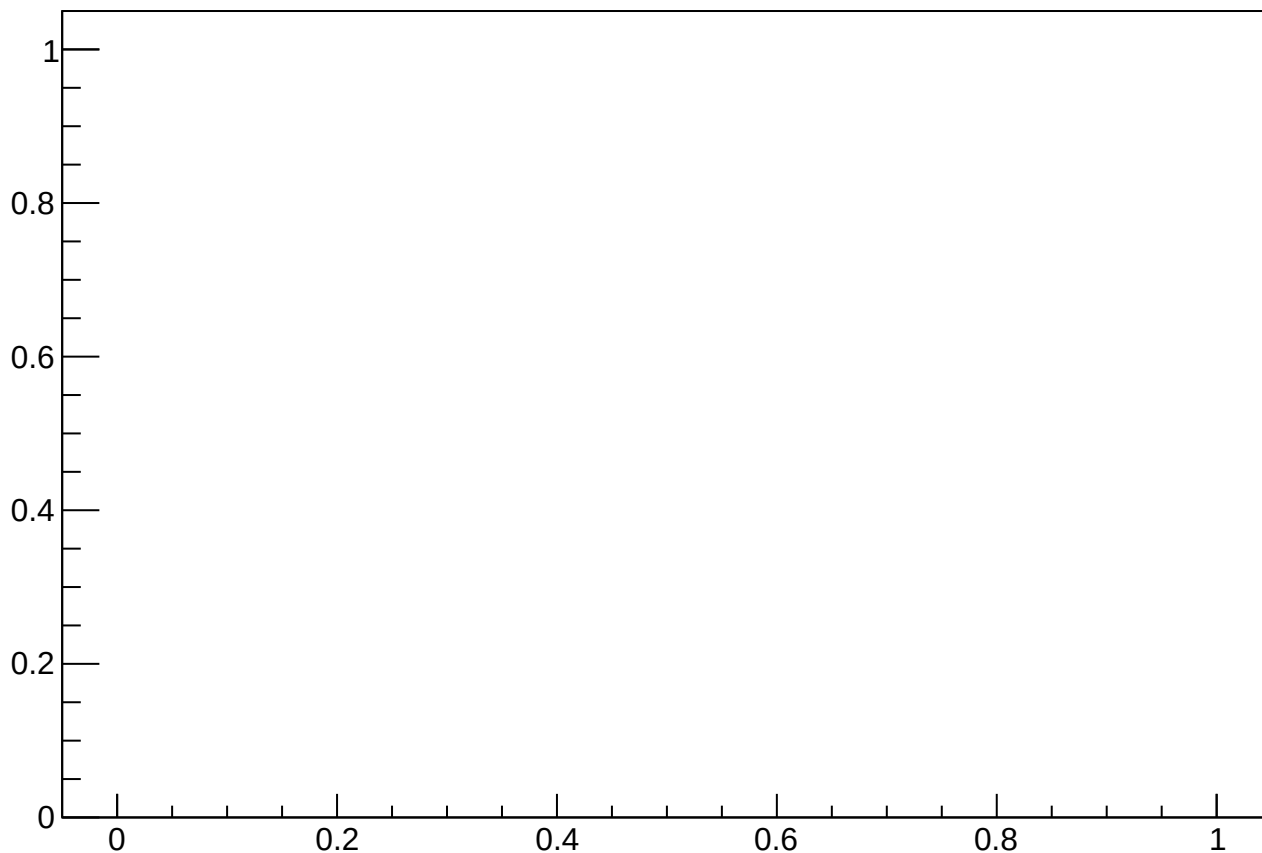
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

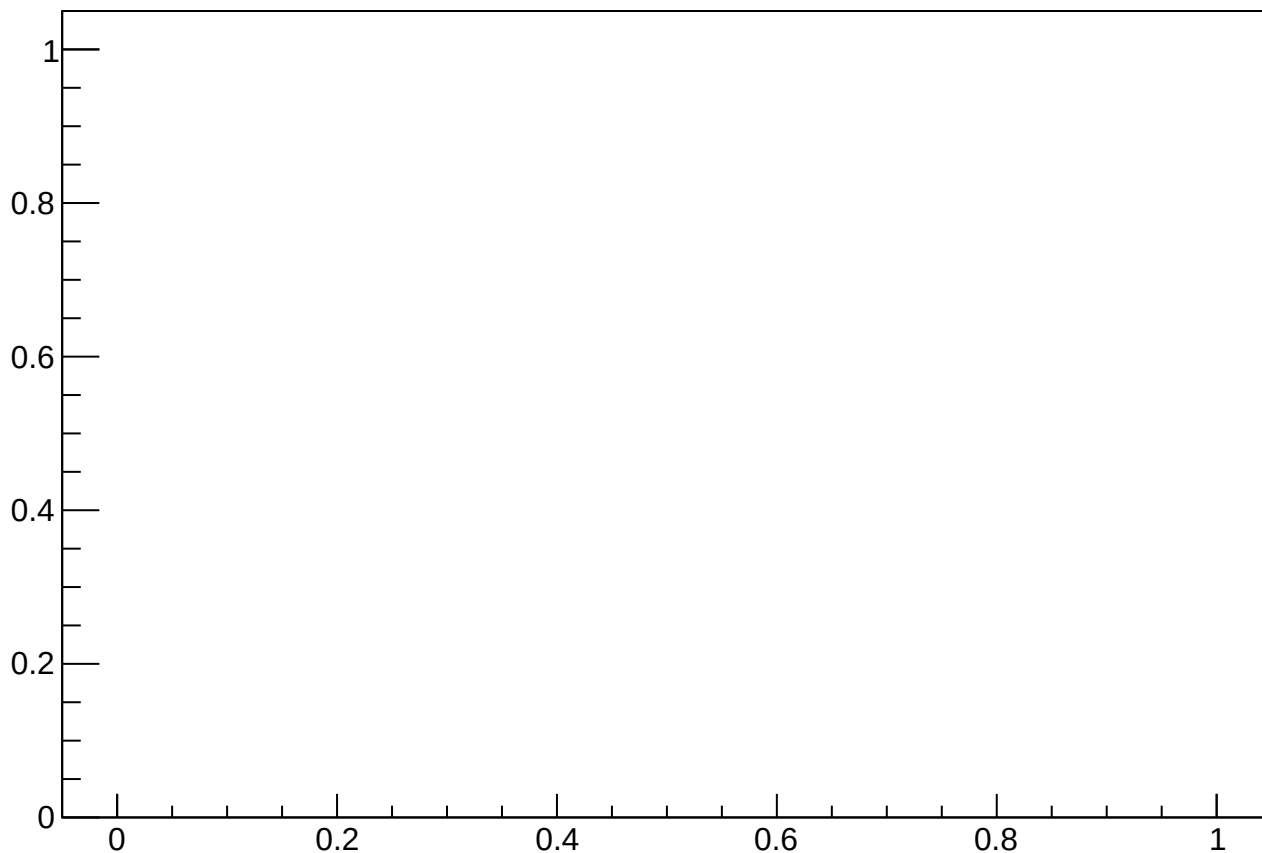
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

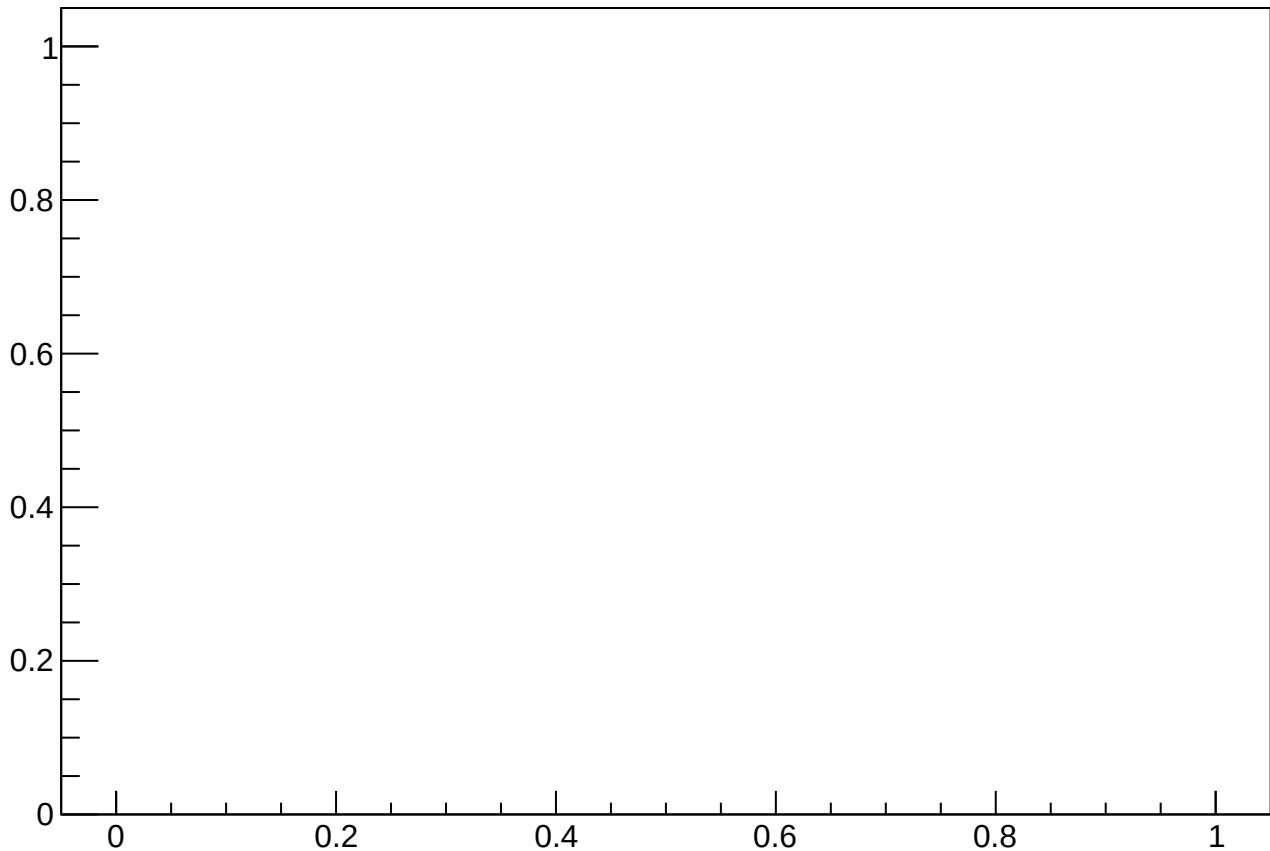
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

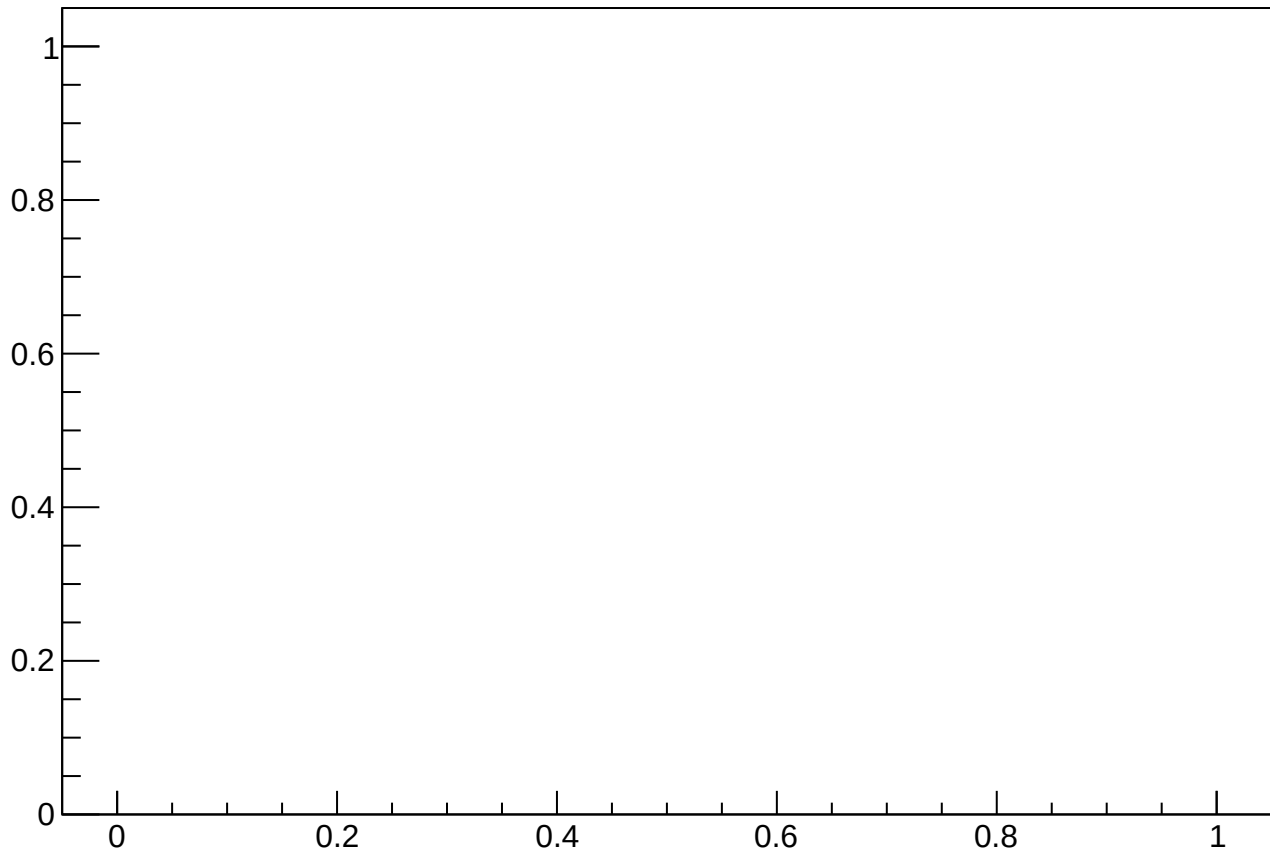
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

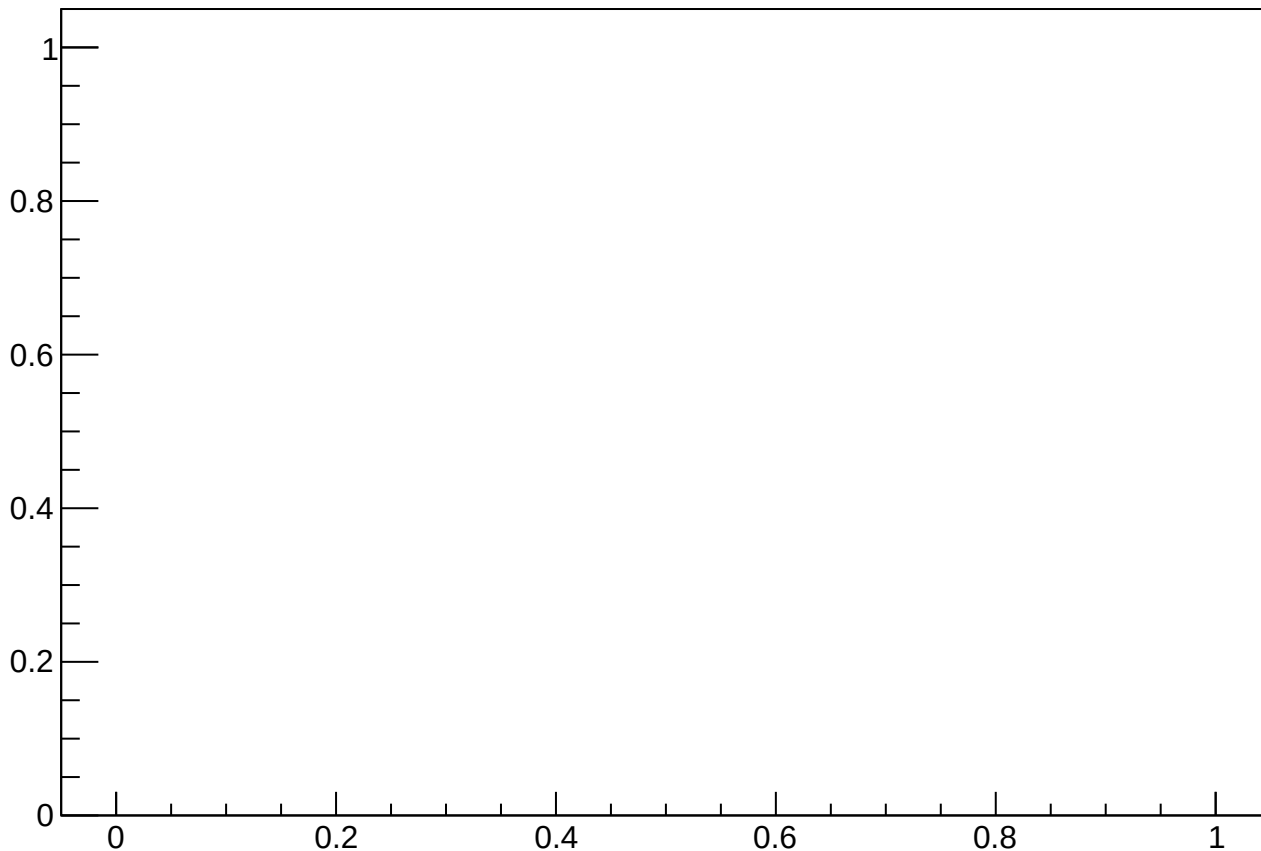
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

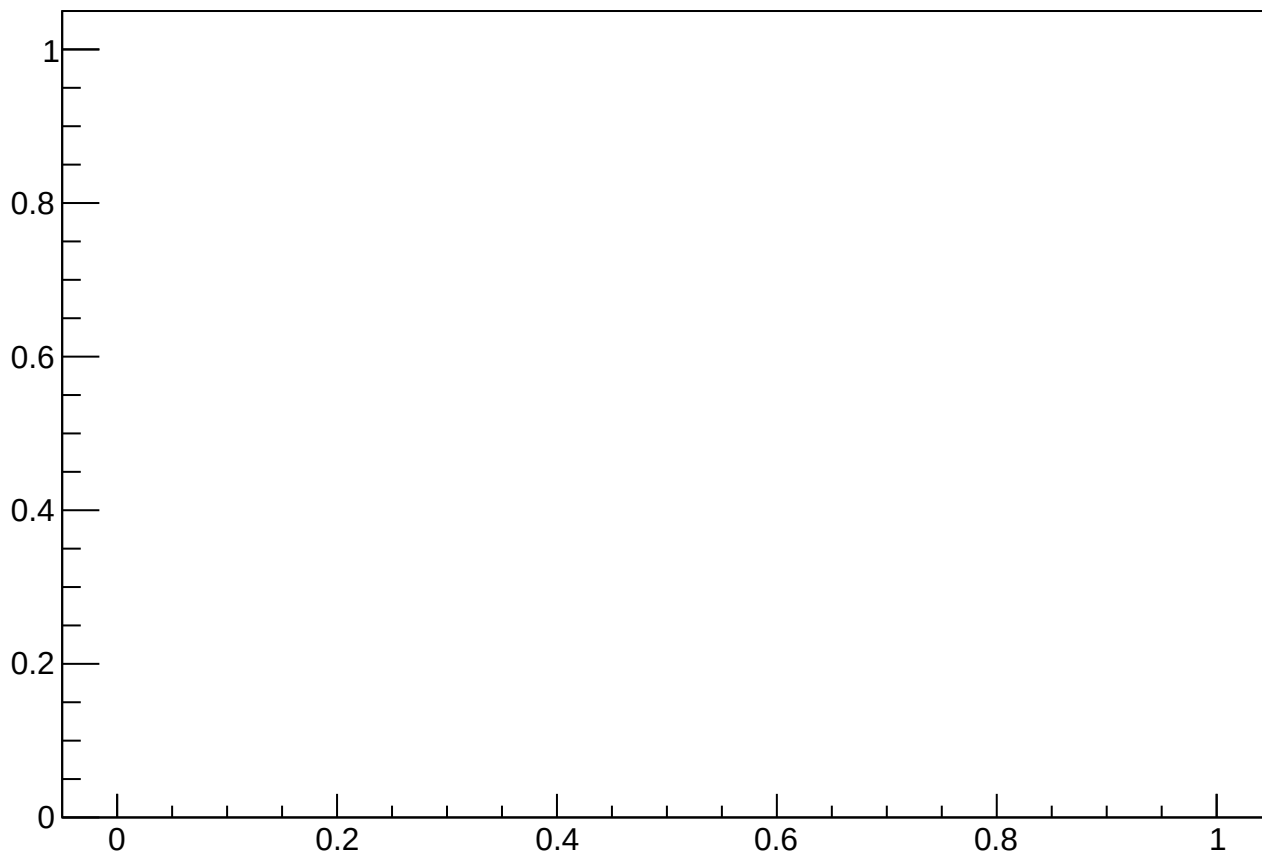
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

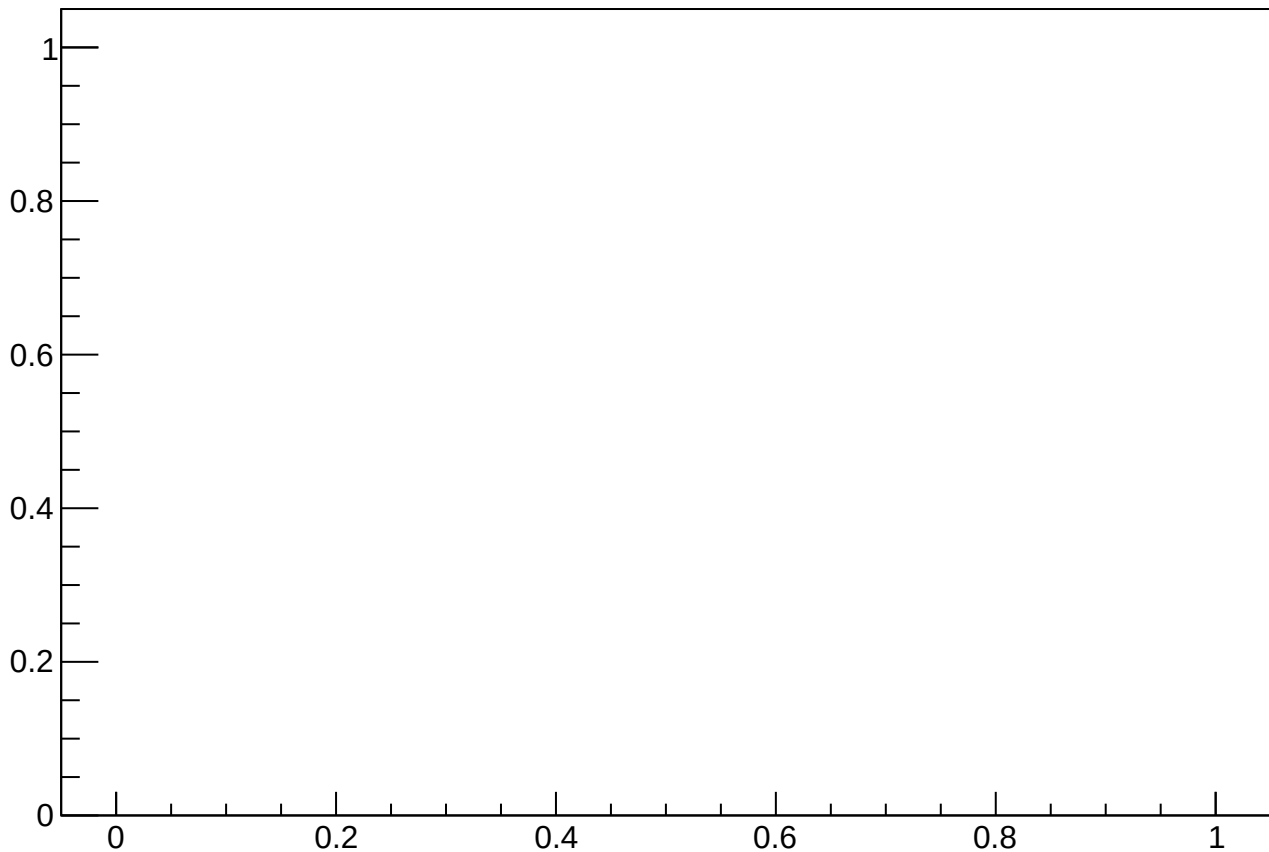
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

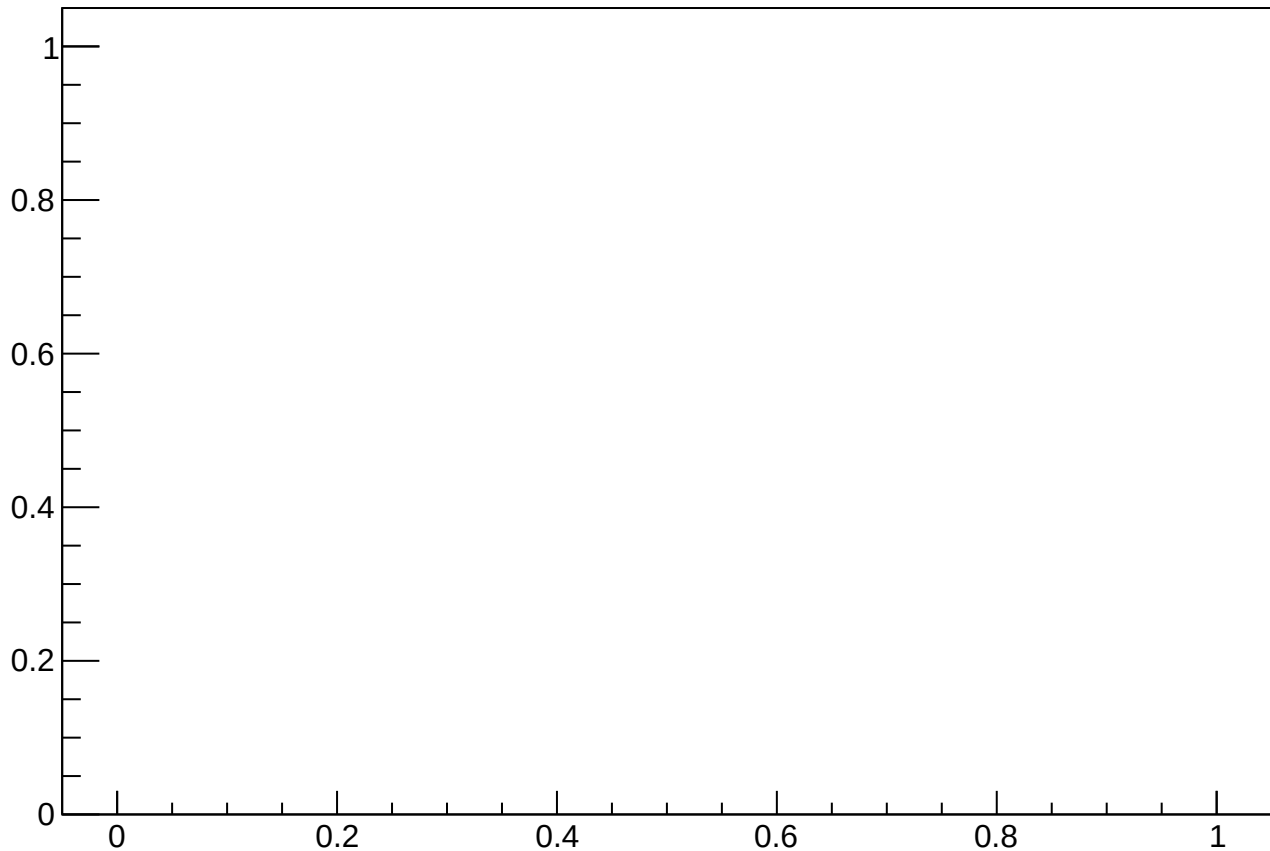
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

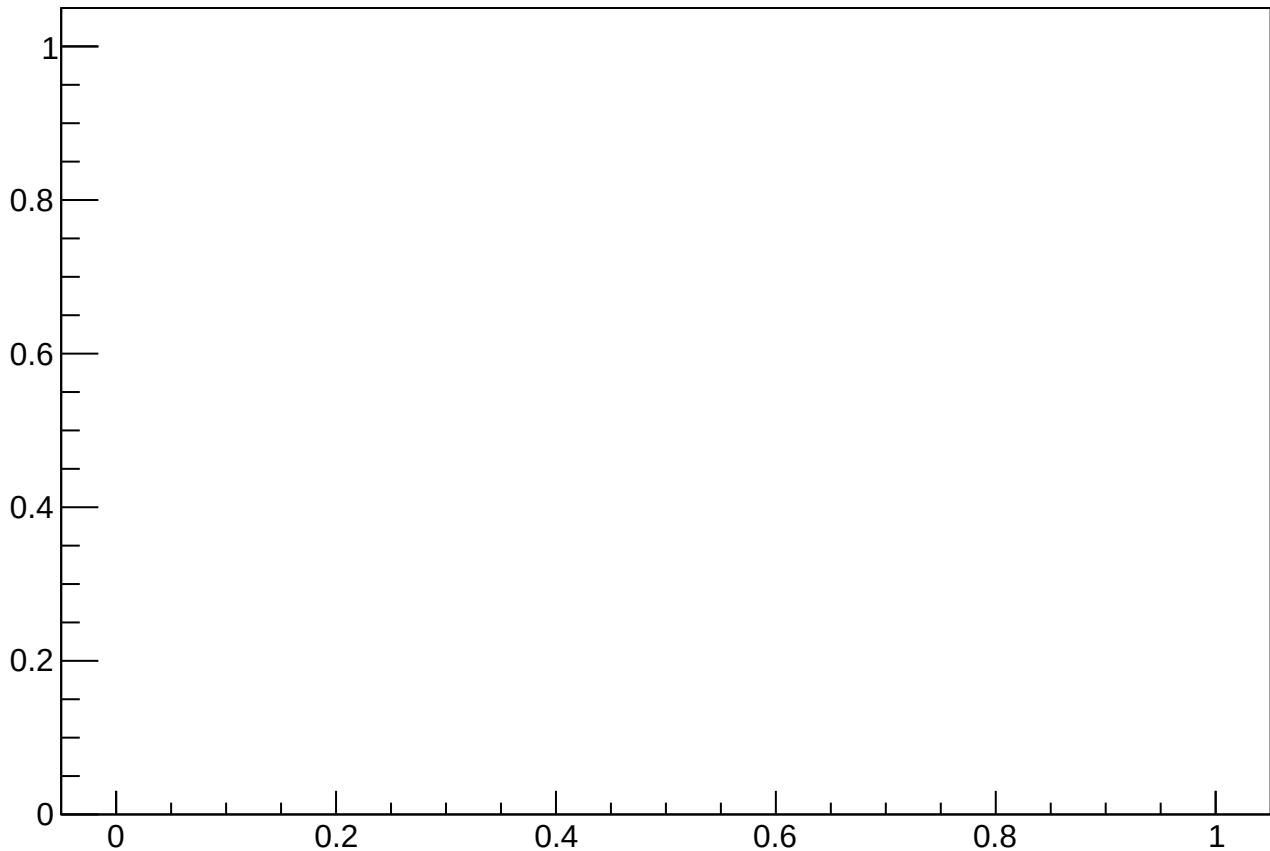
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

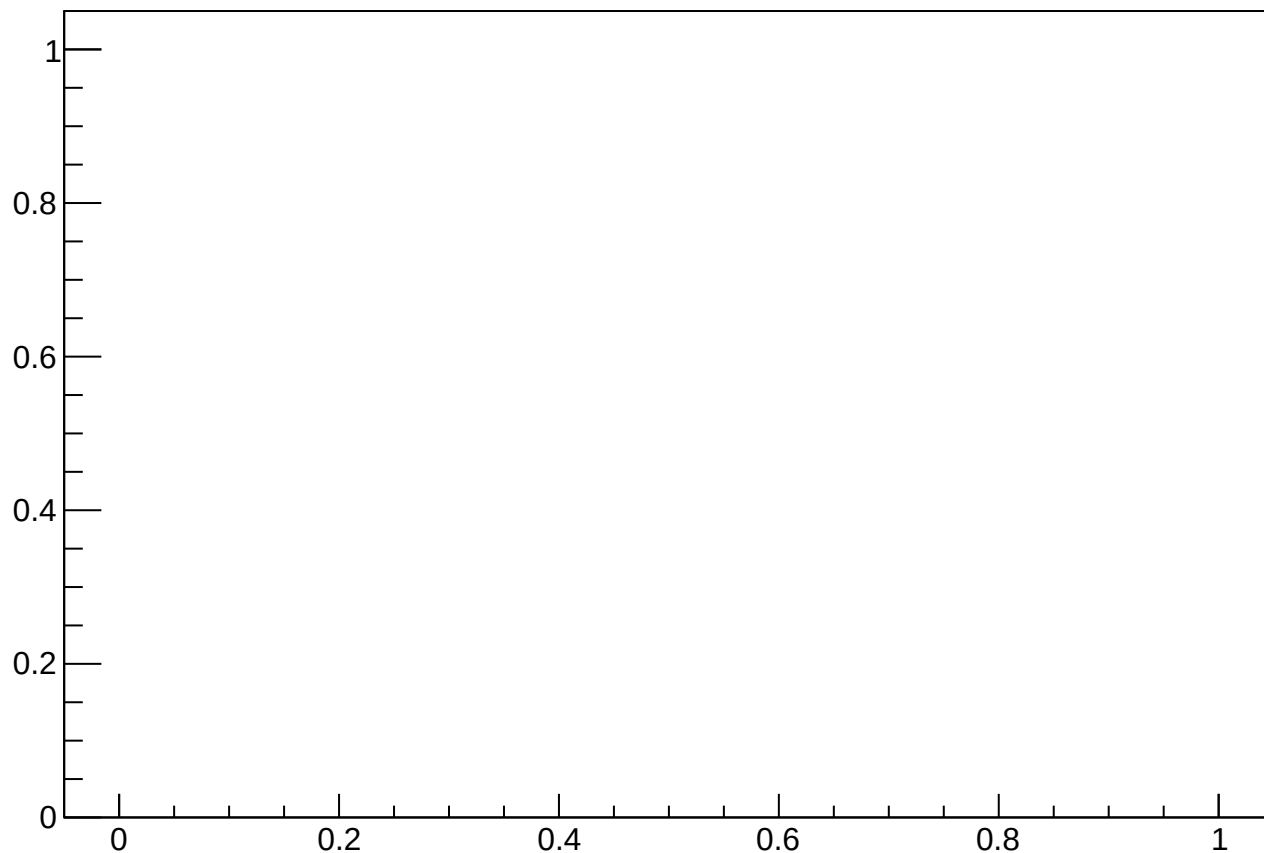
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

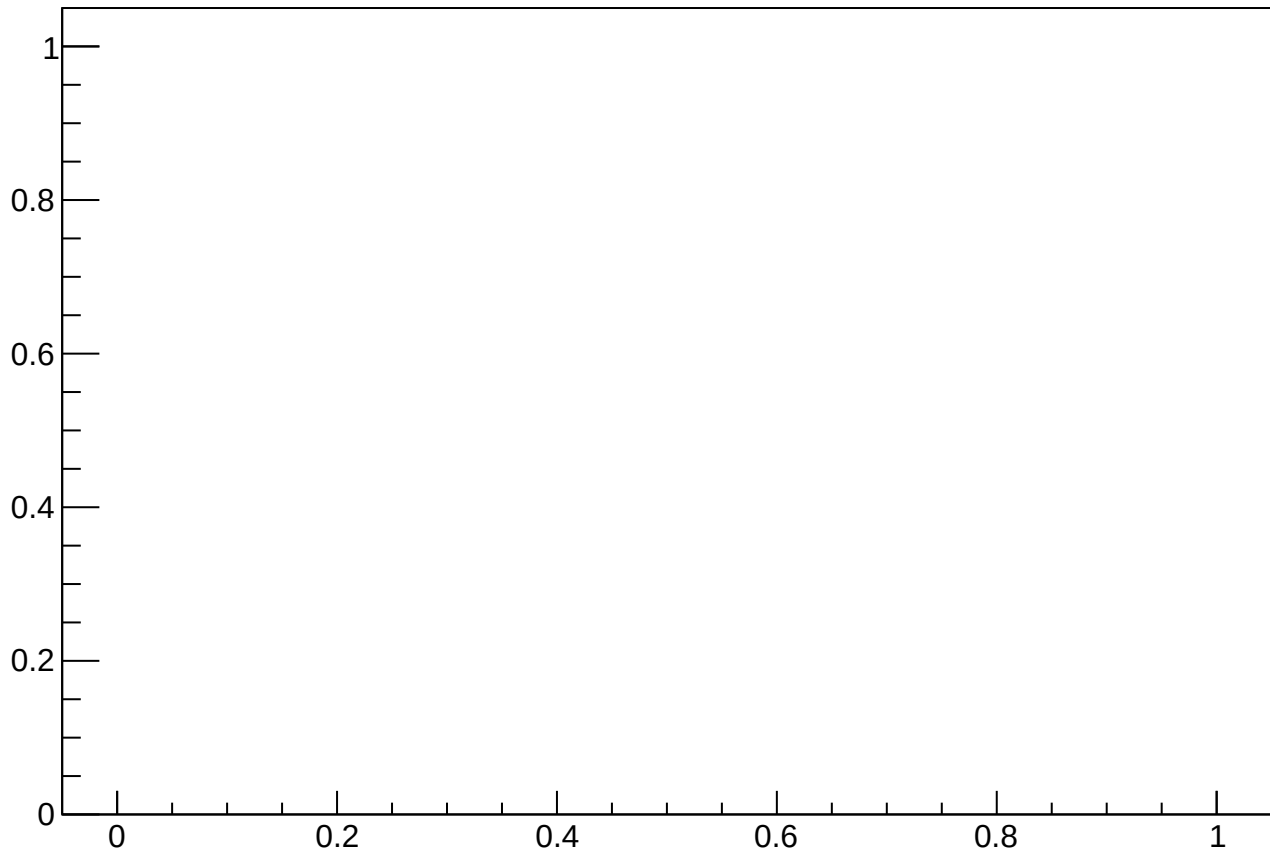
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

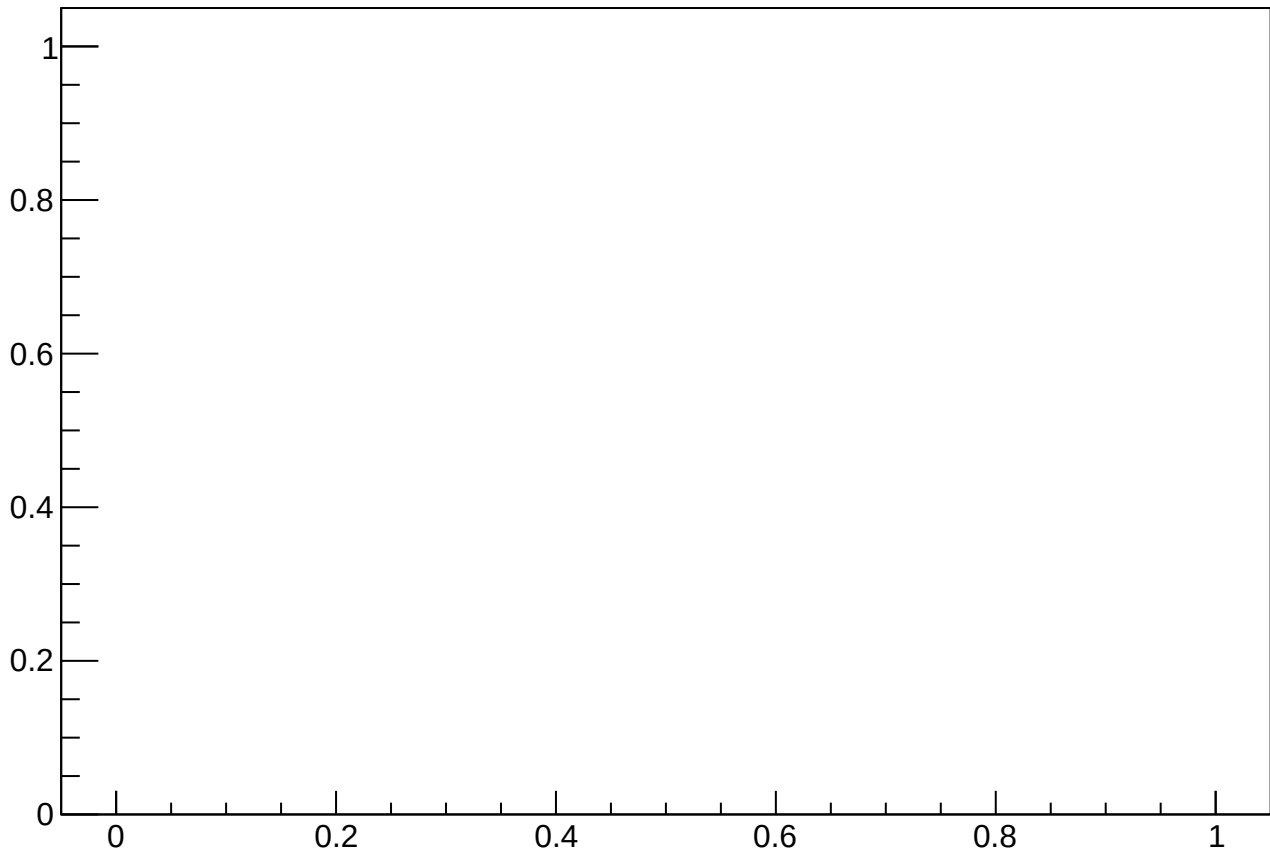
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

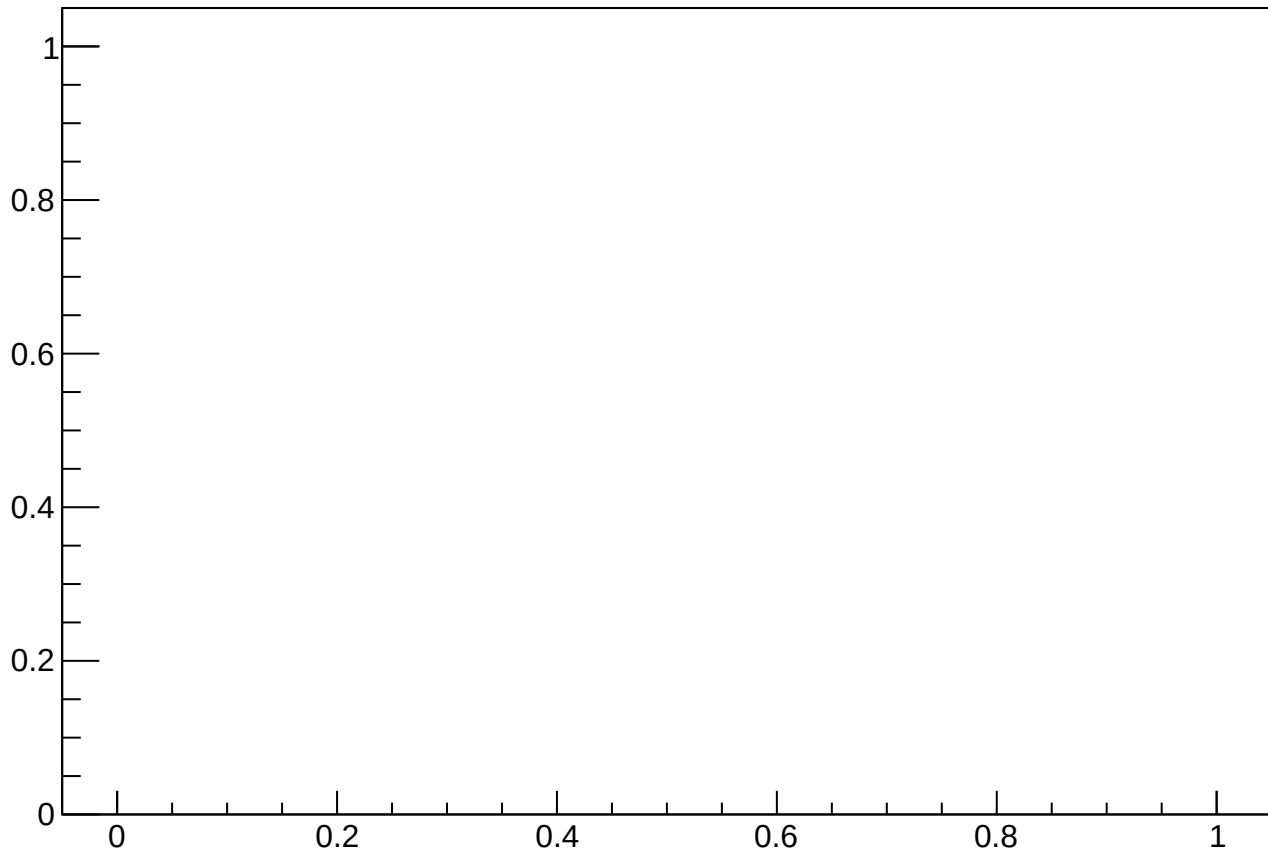
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

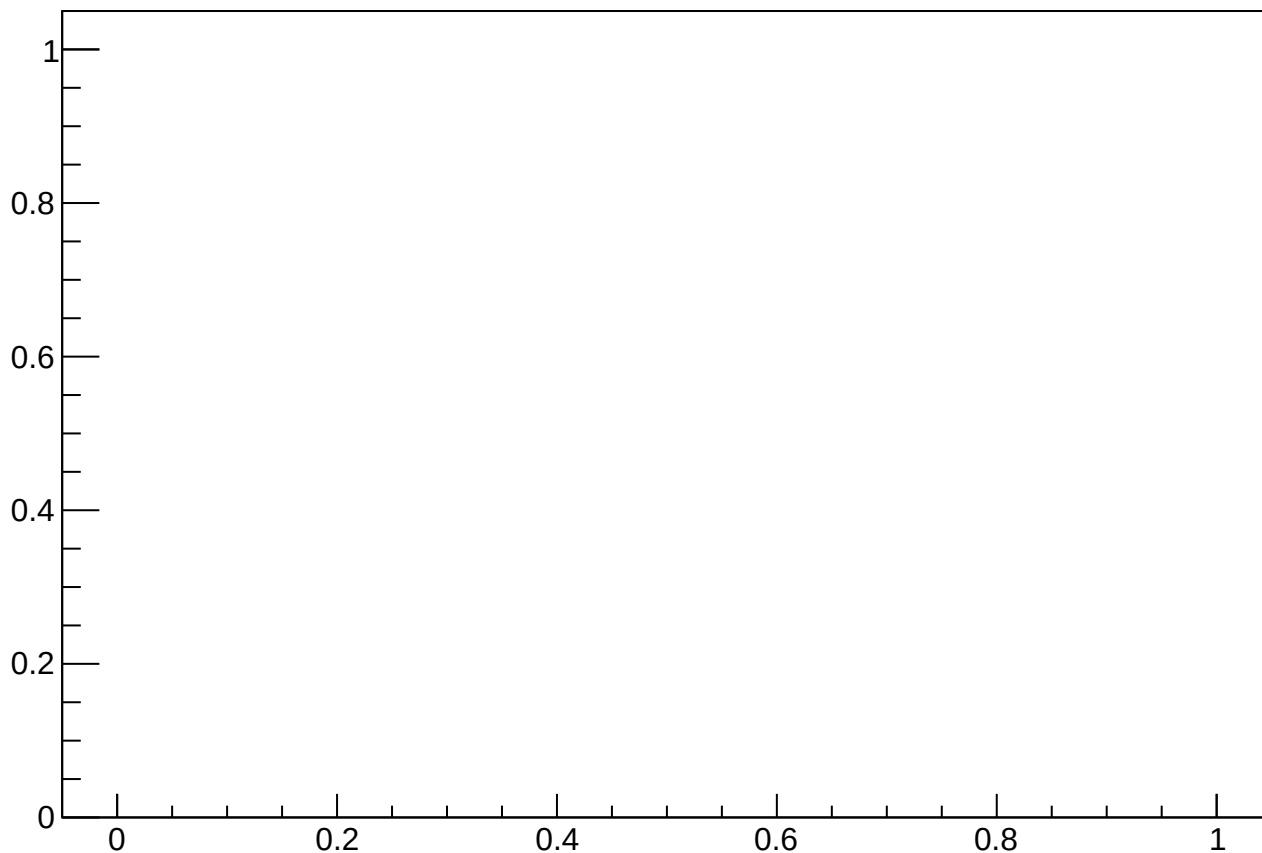
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

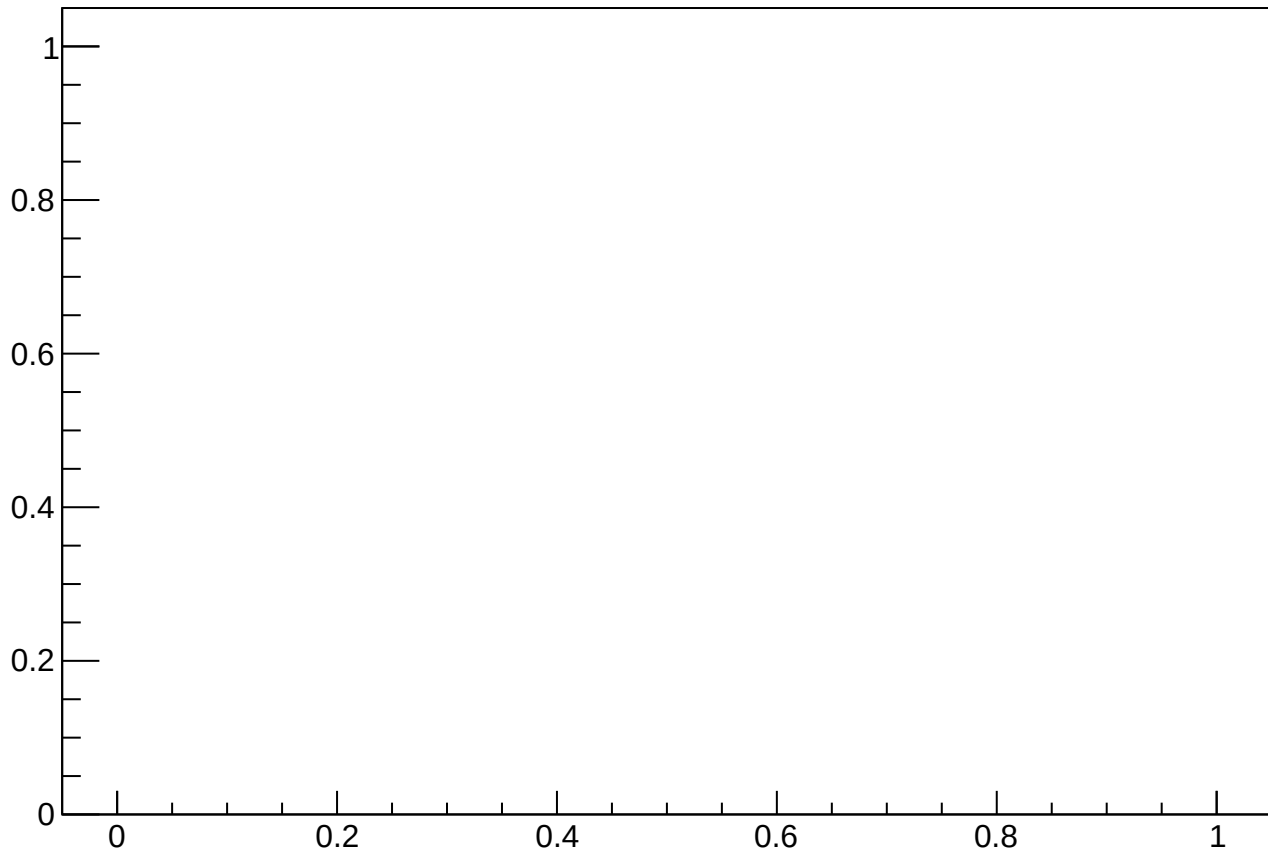
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

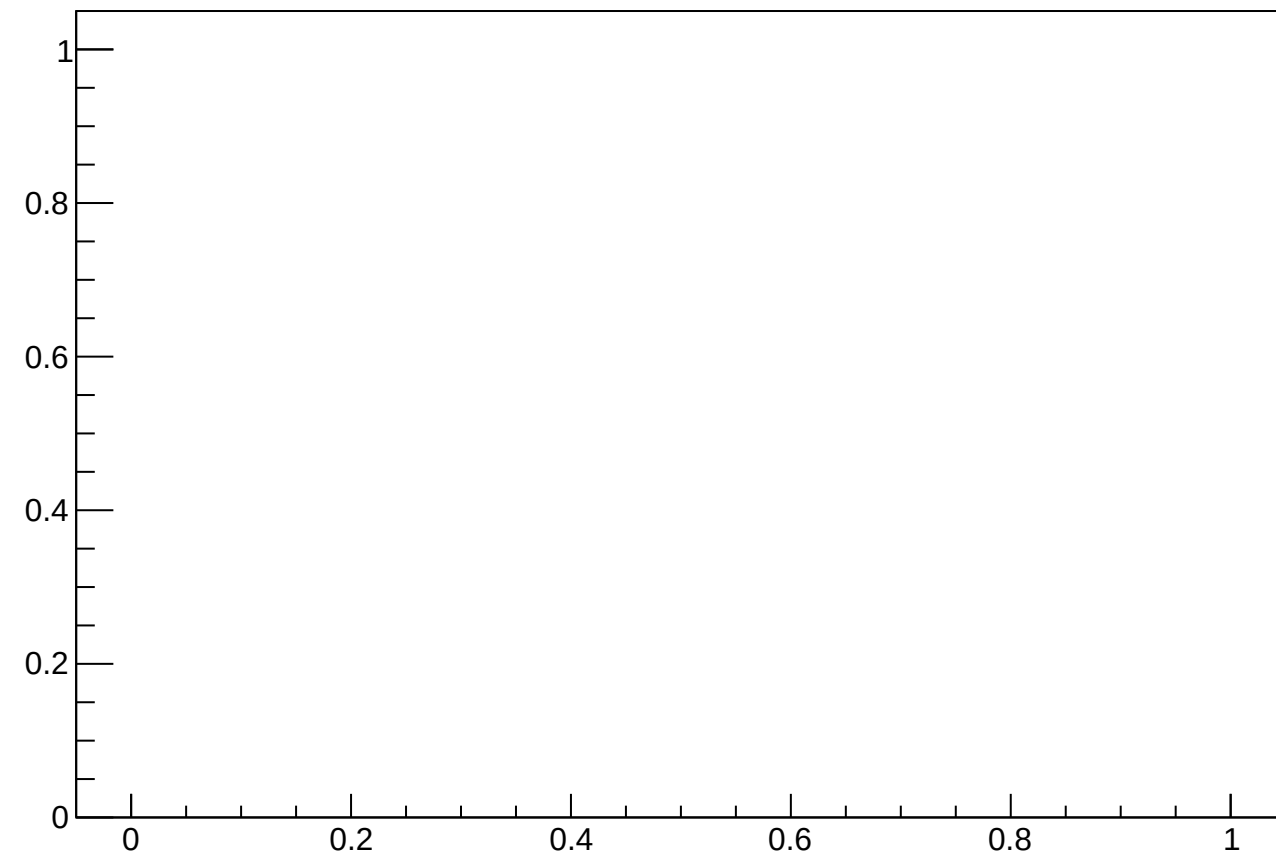
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

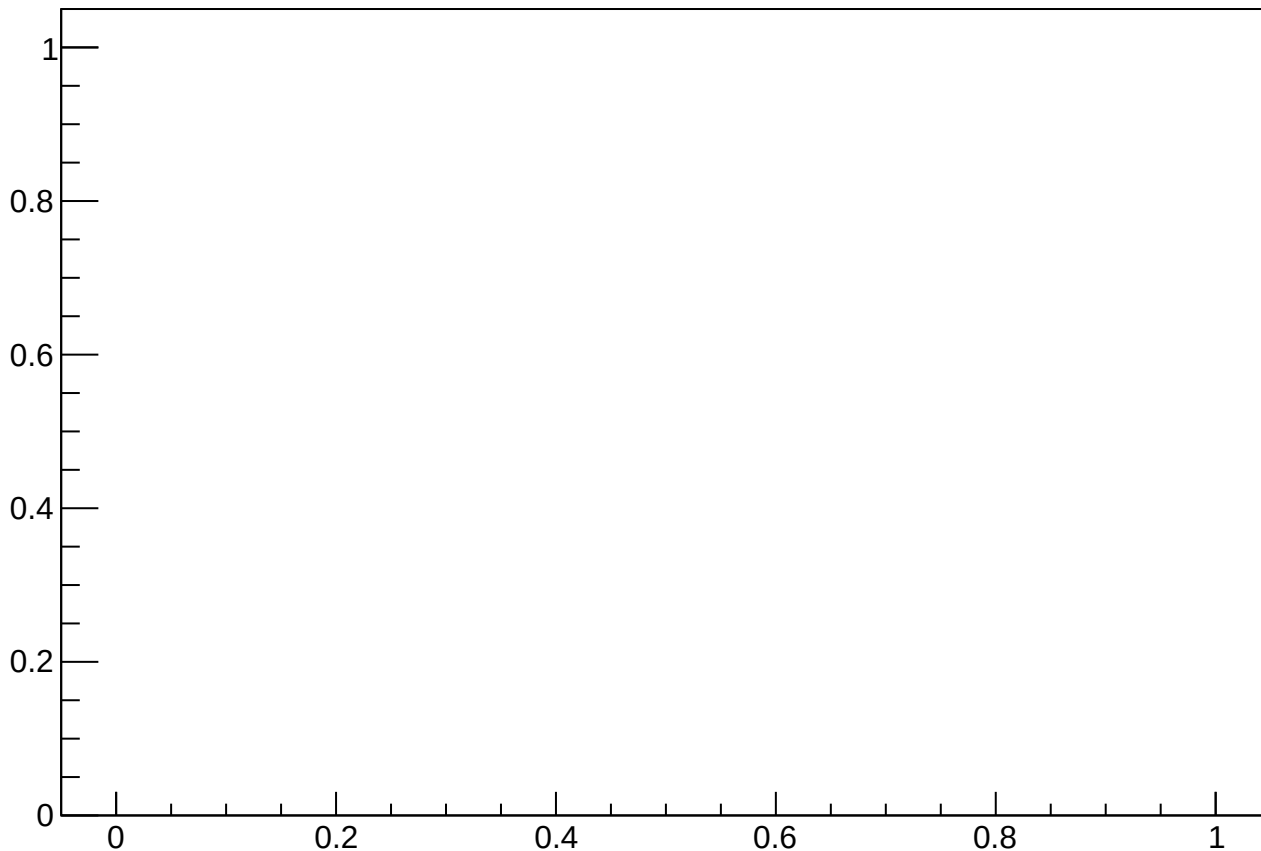
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

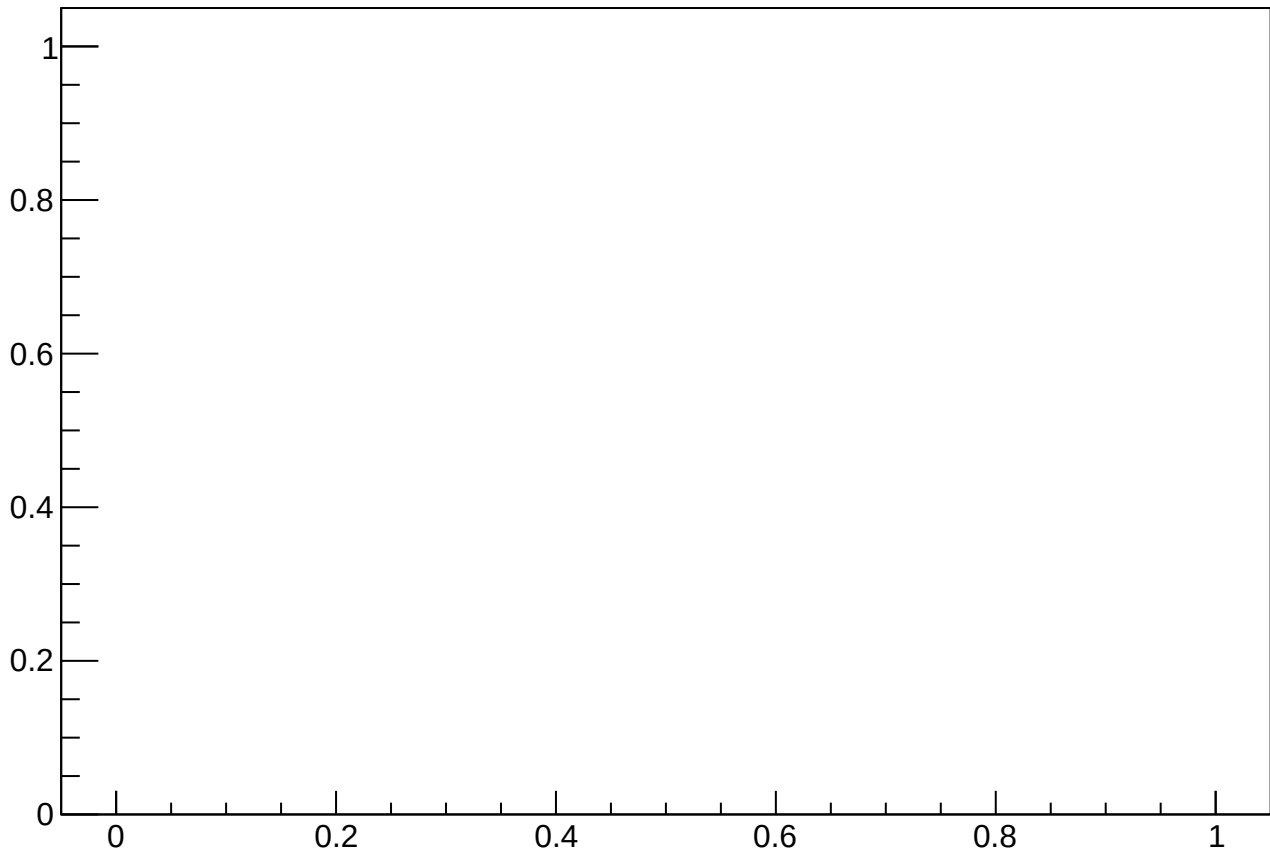
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

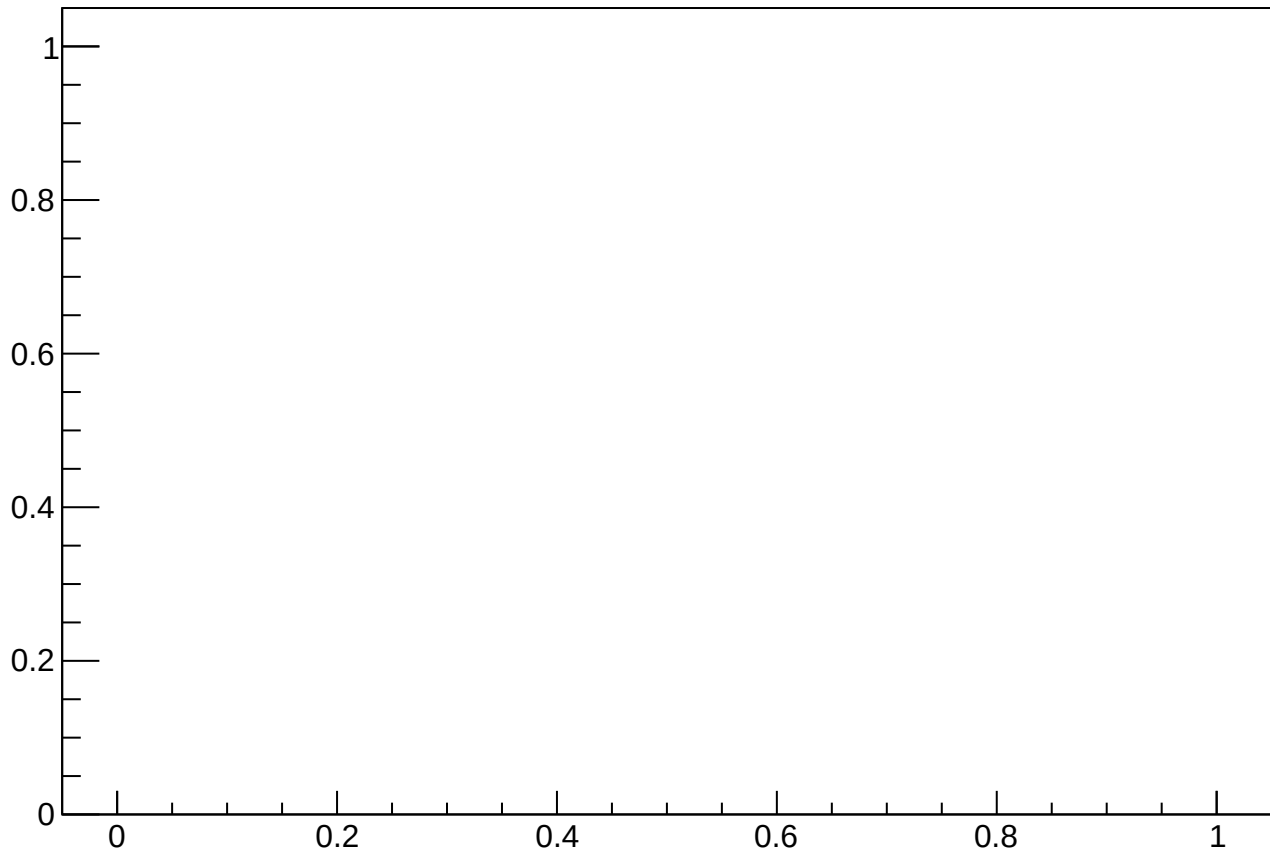
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

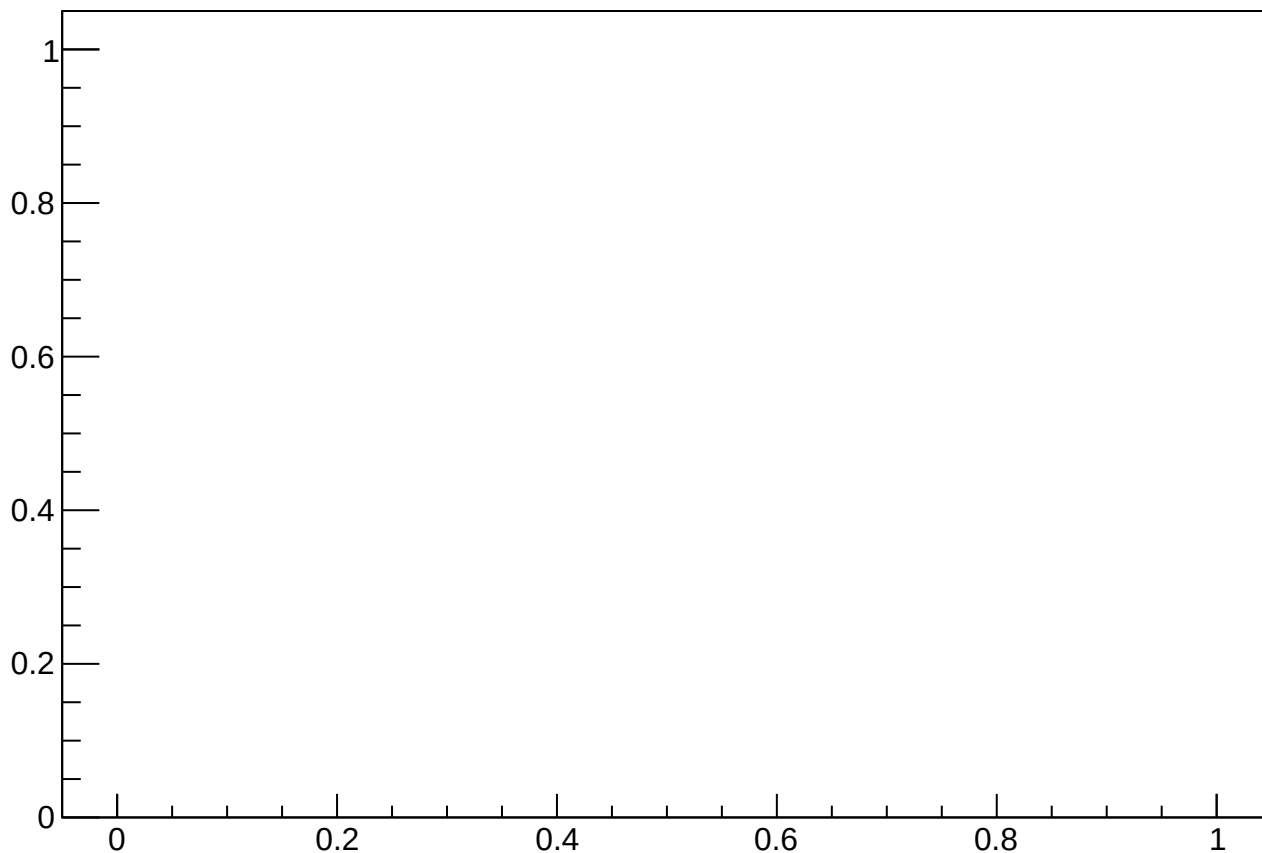
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

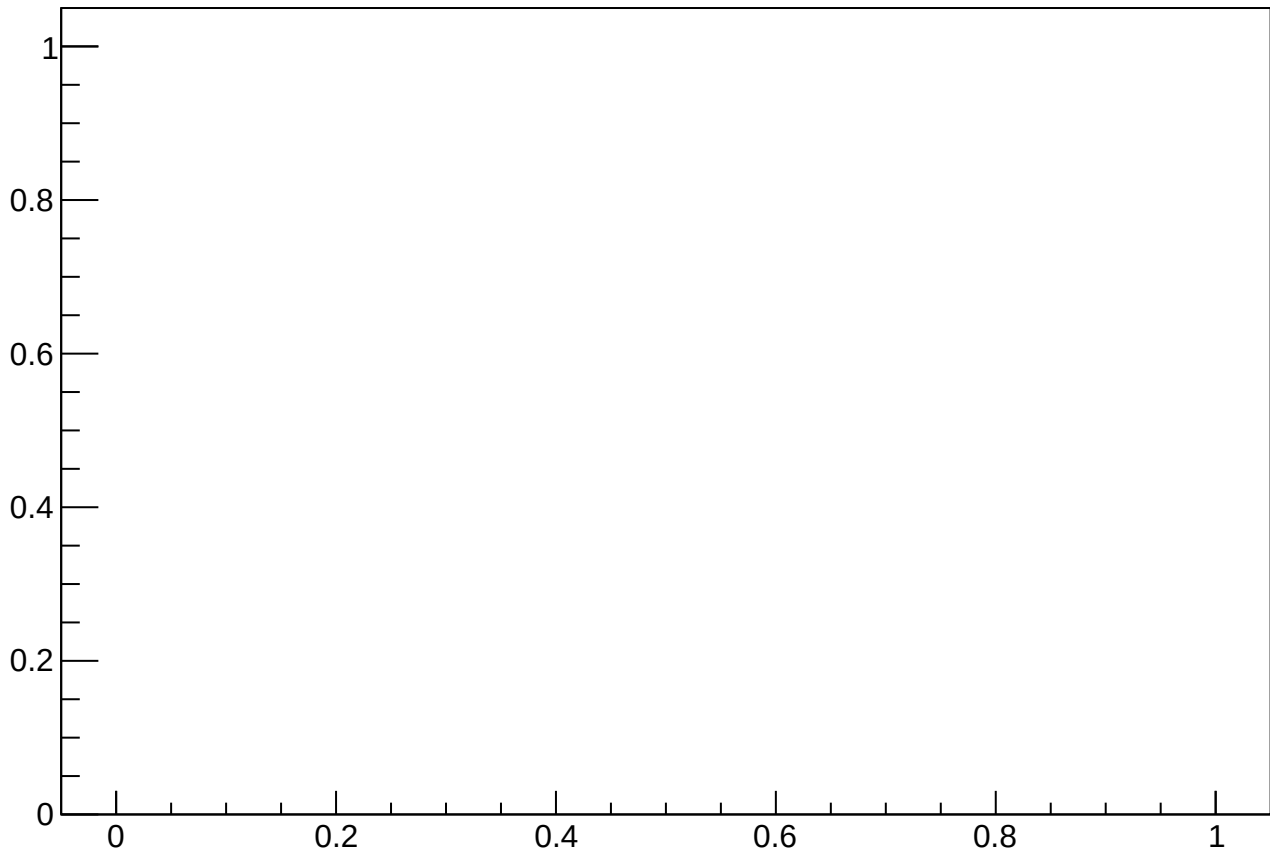
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

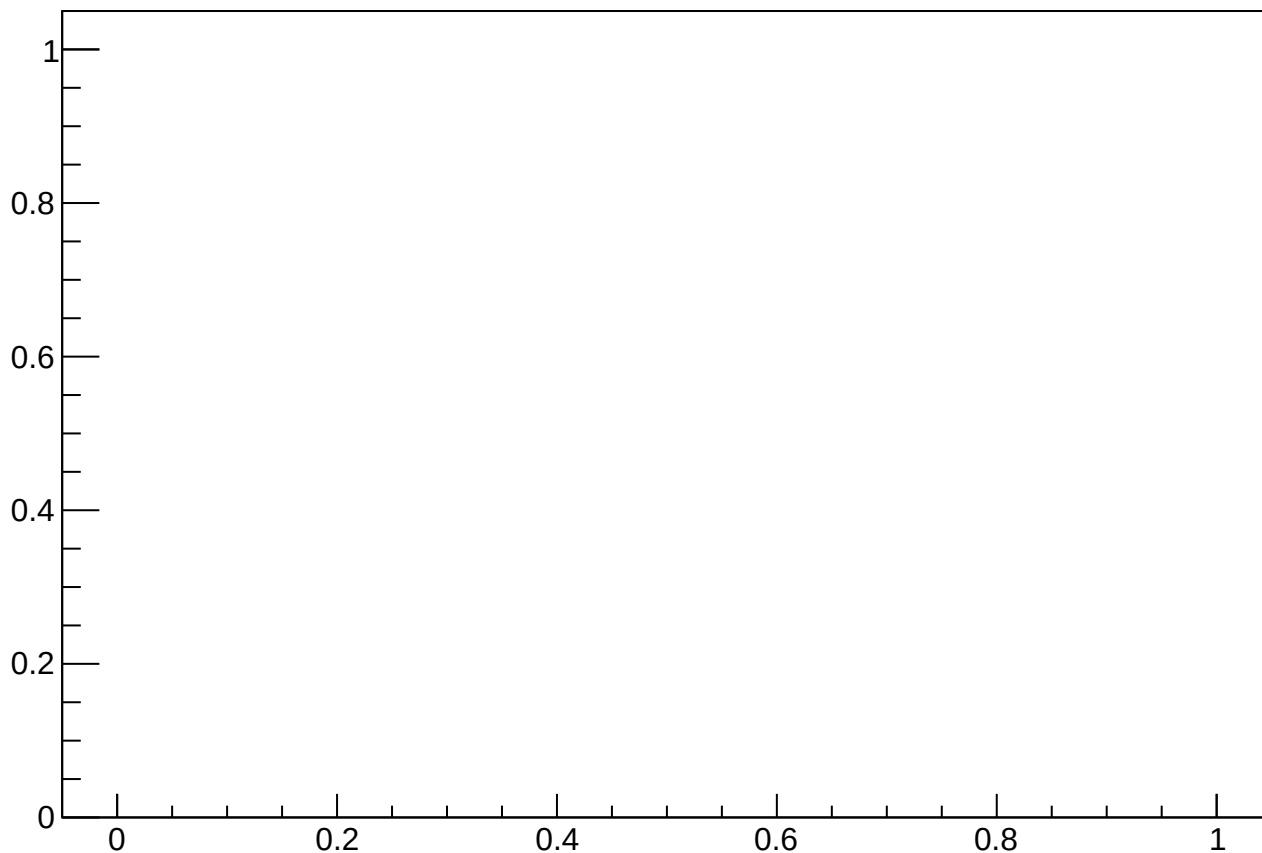
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

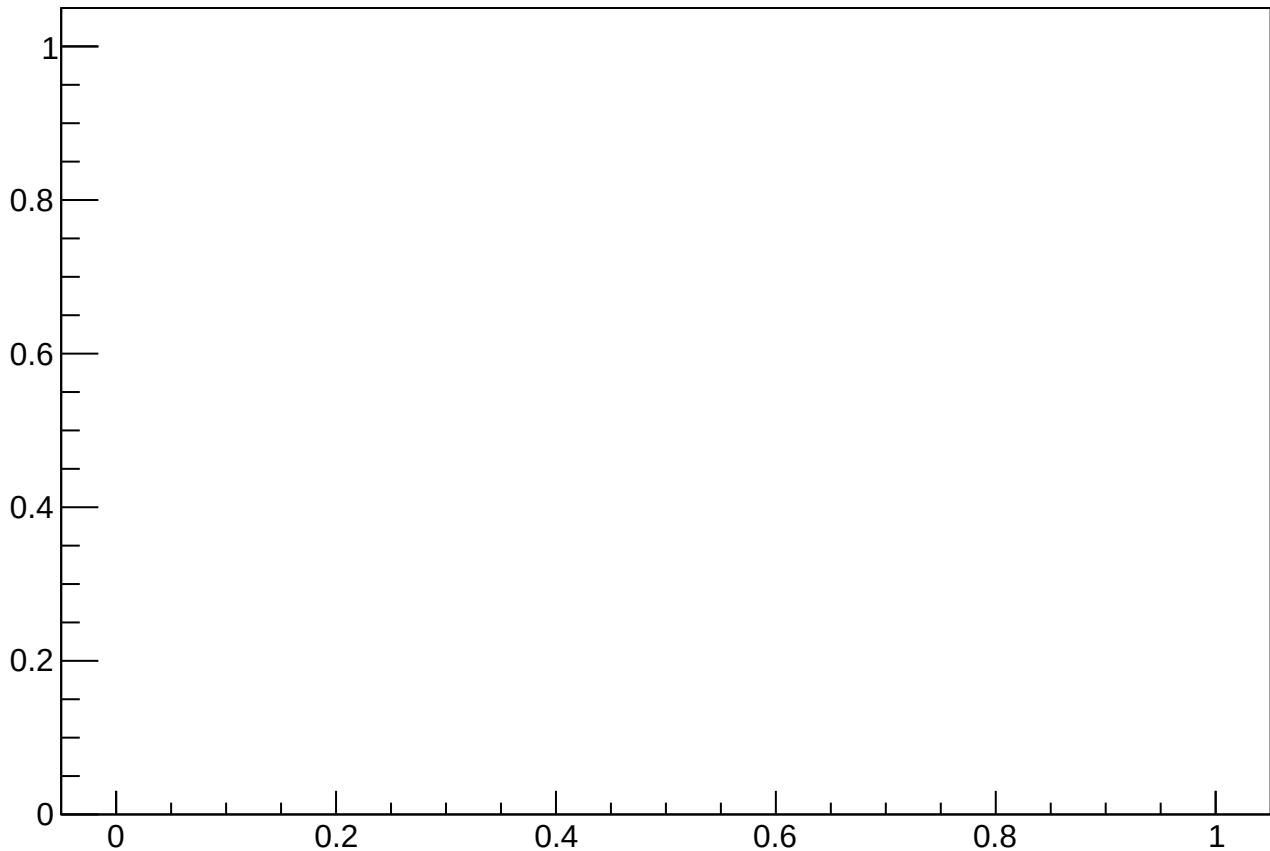
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_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

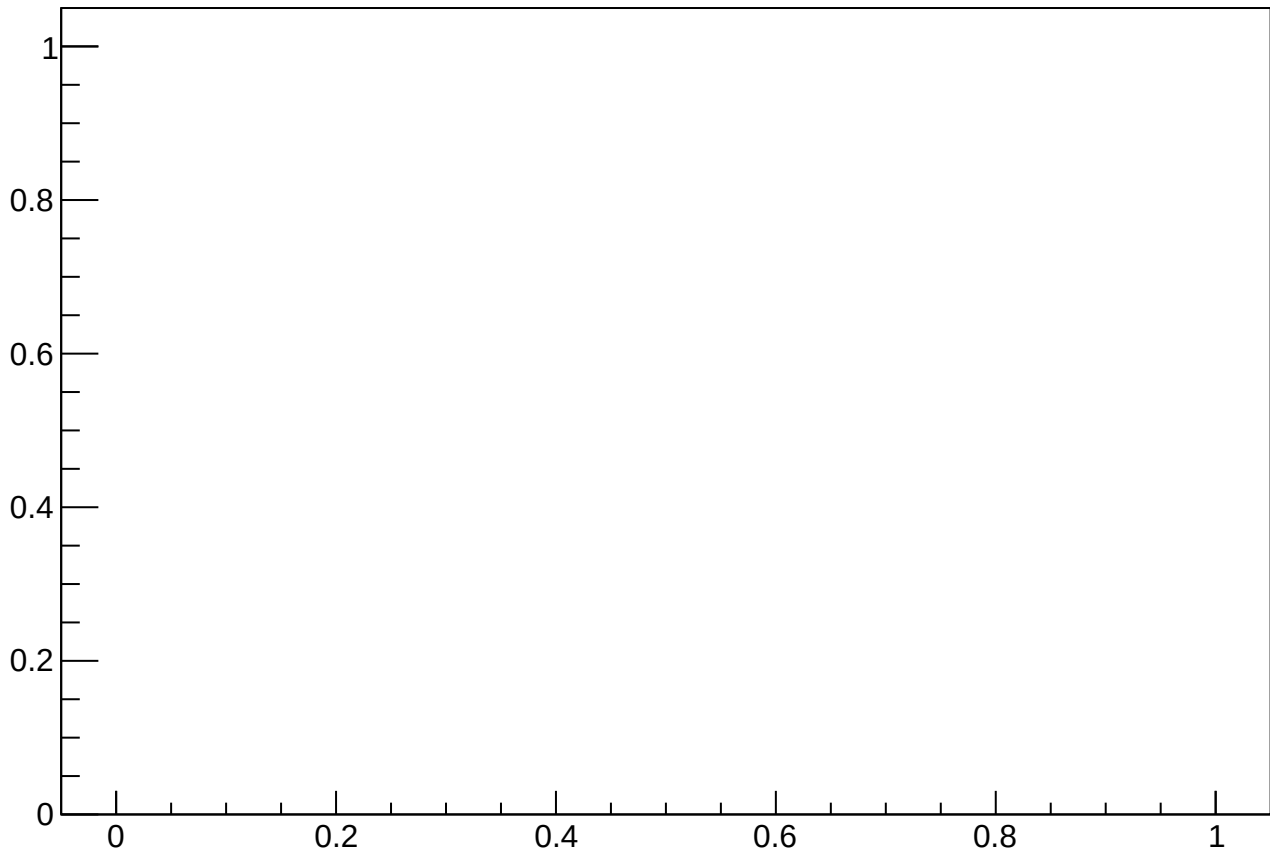
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

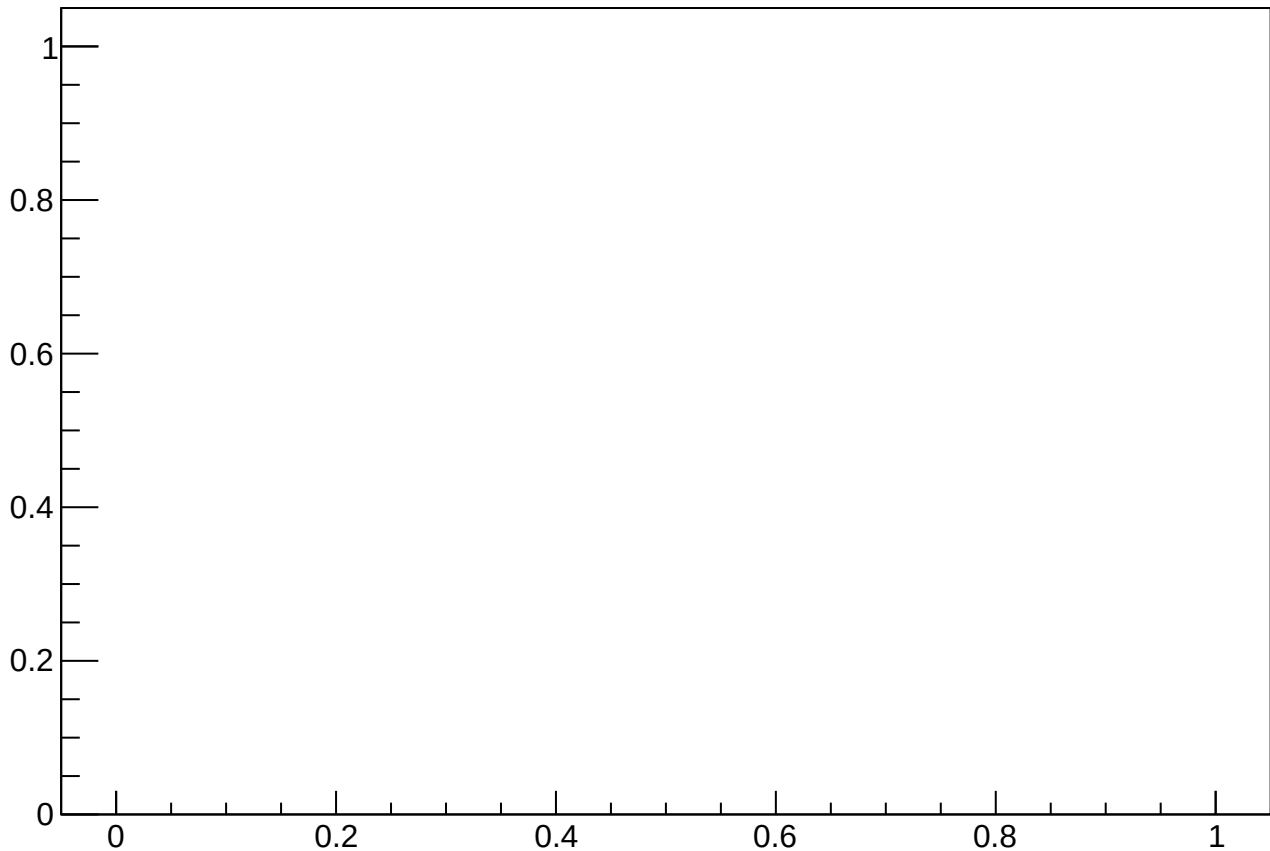
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

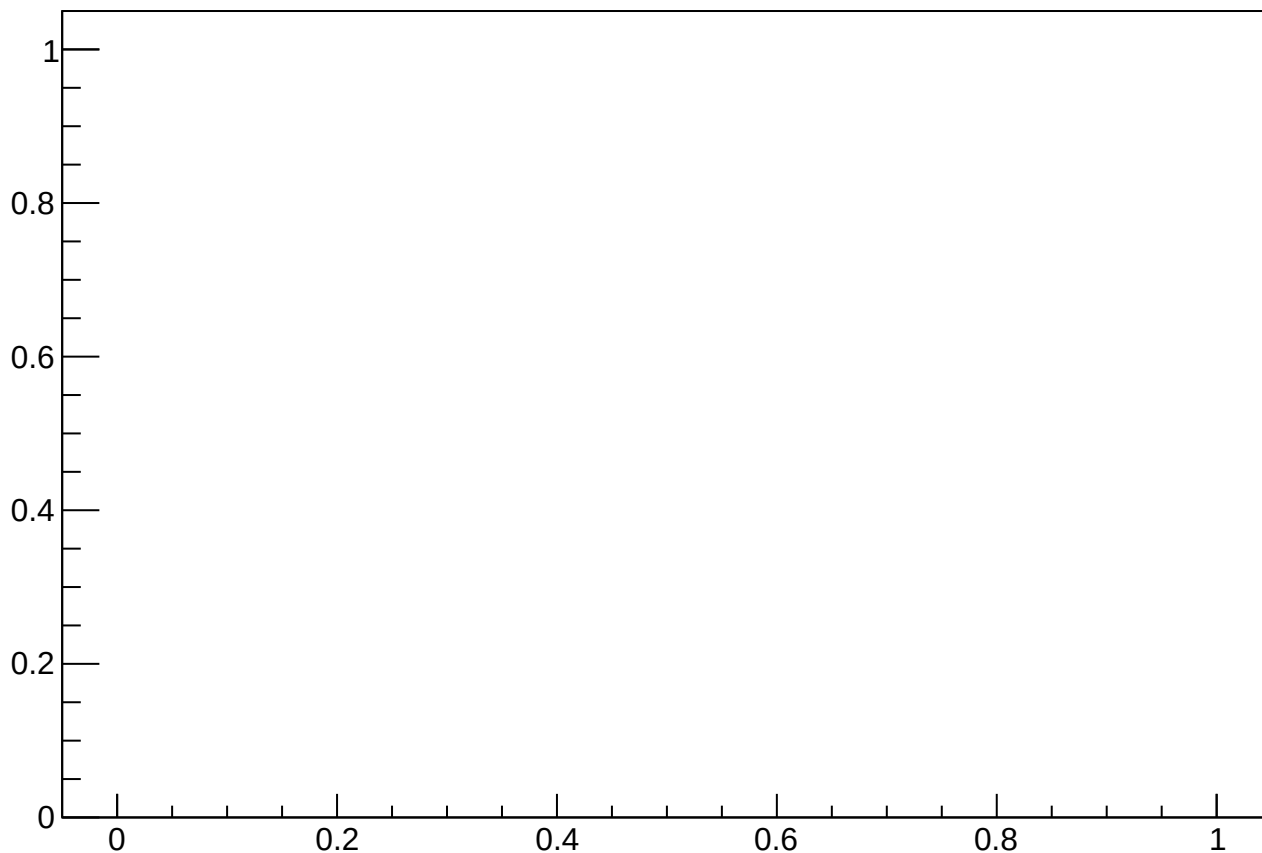
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

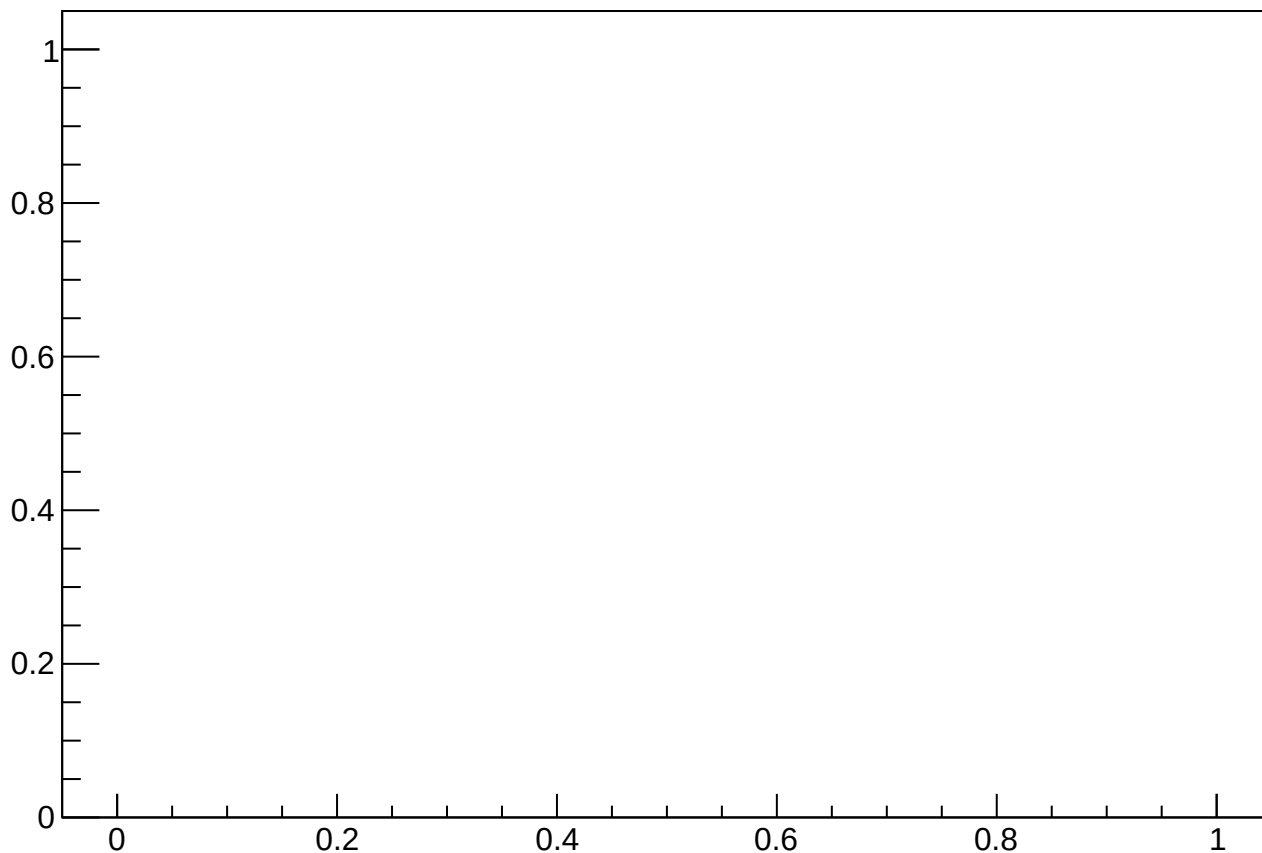
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

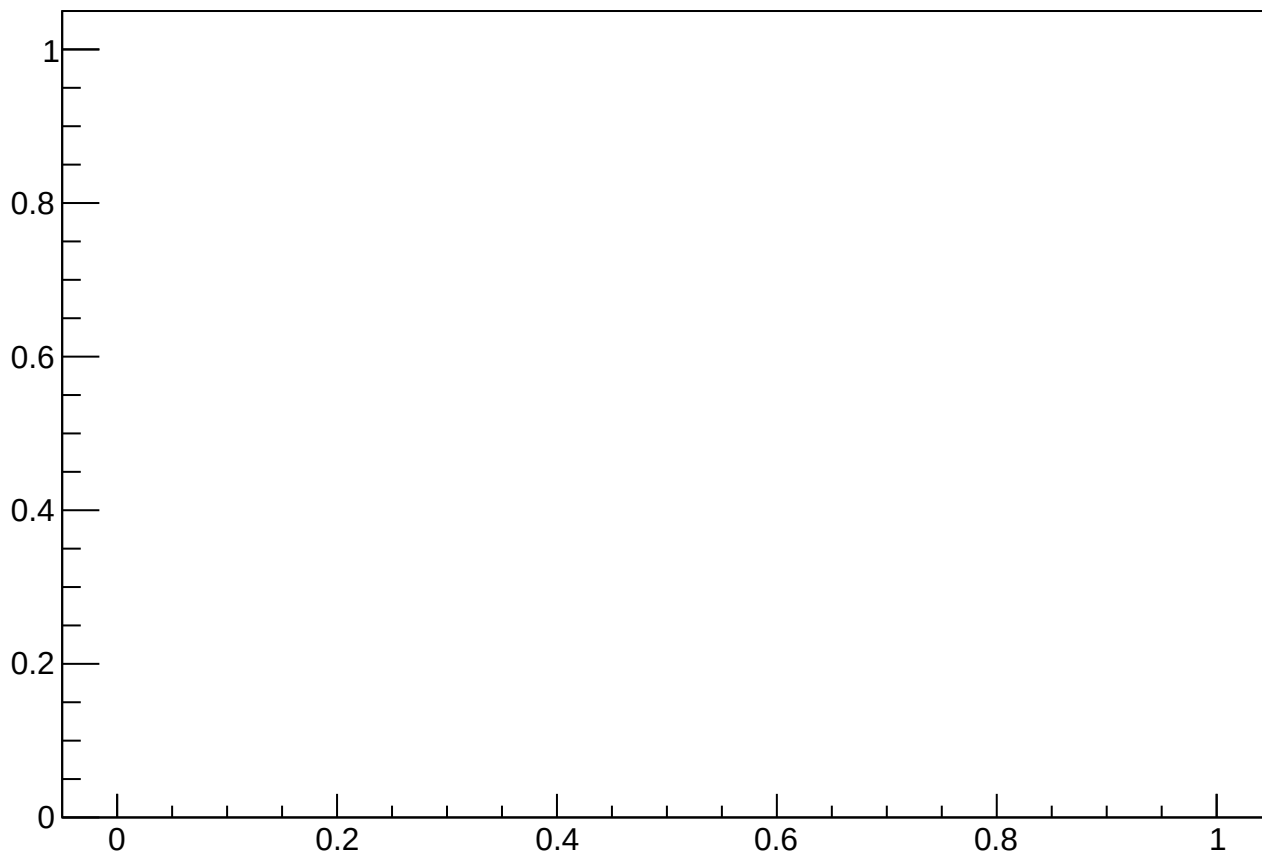
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

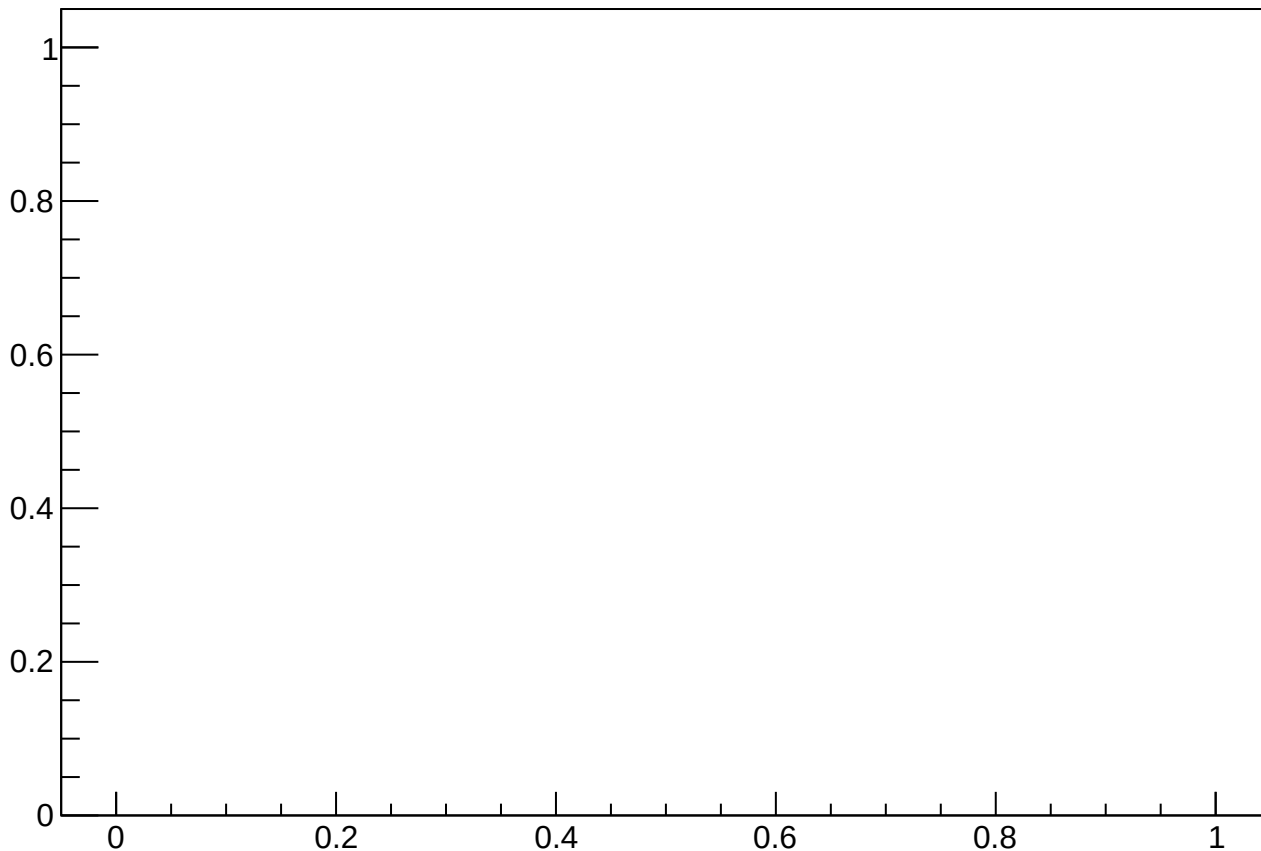
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

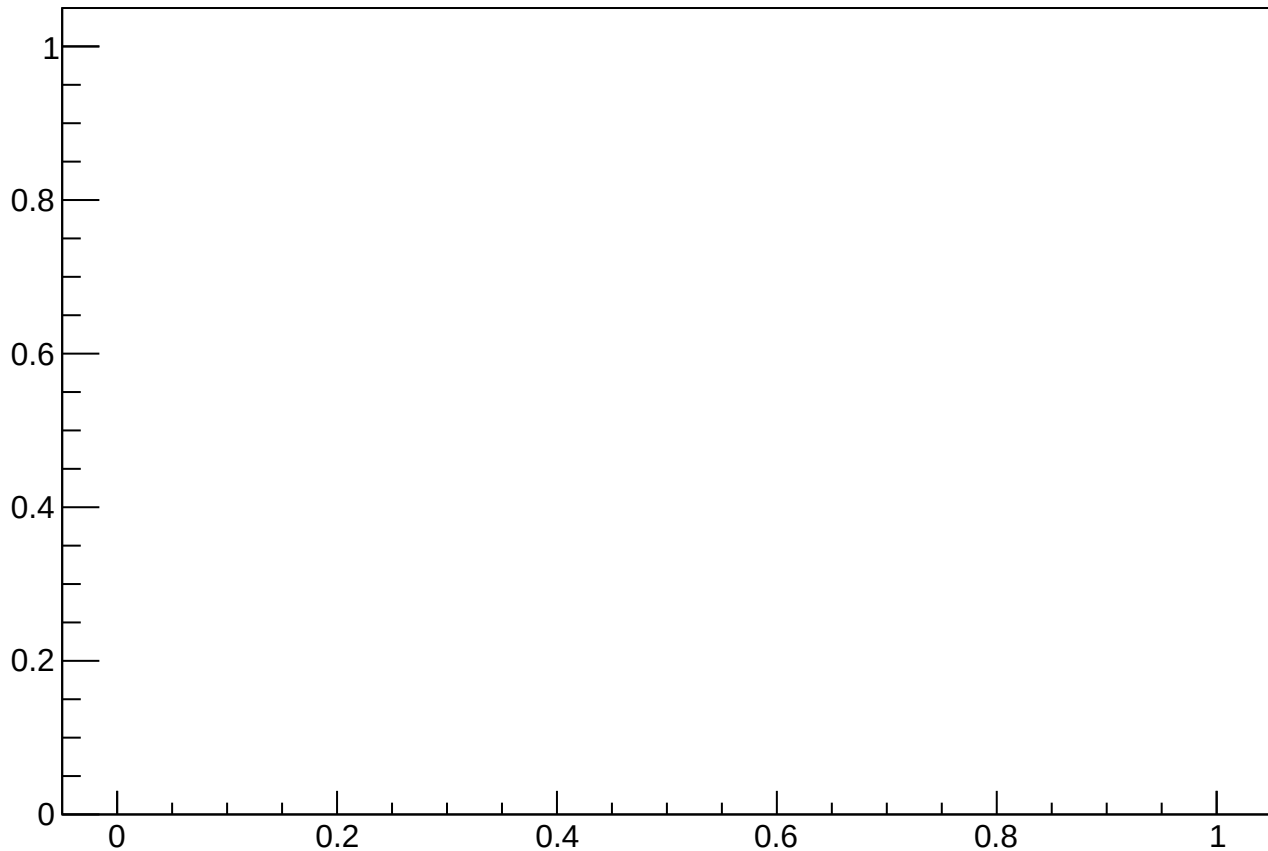
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

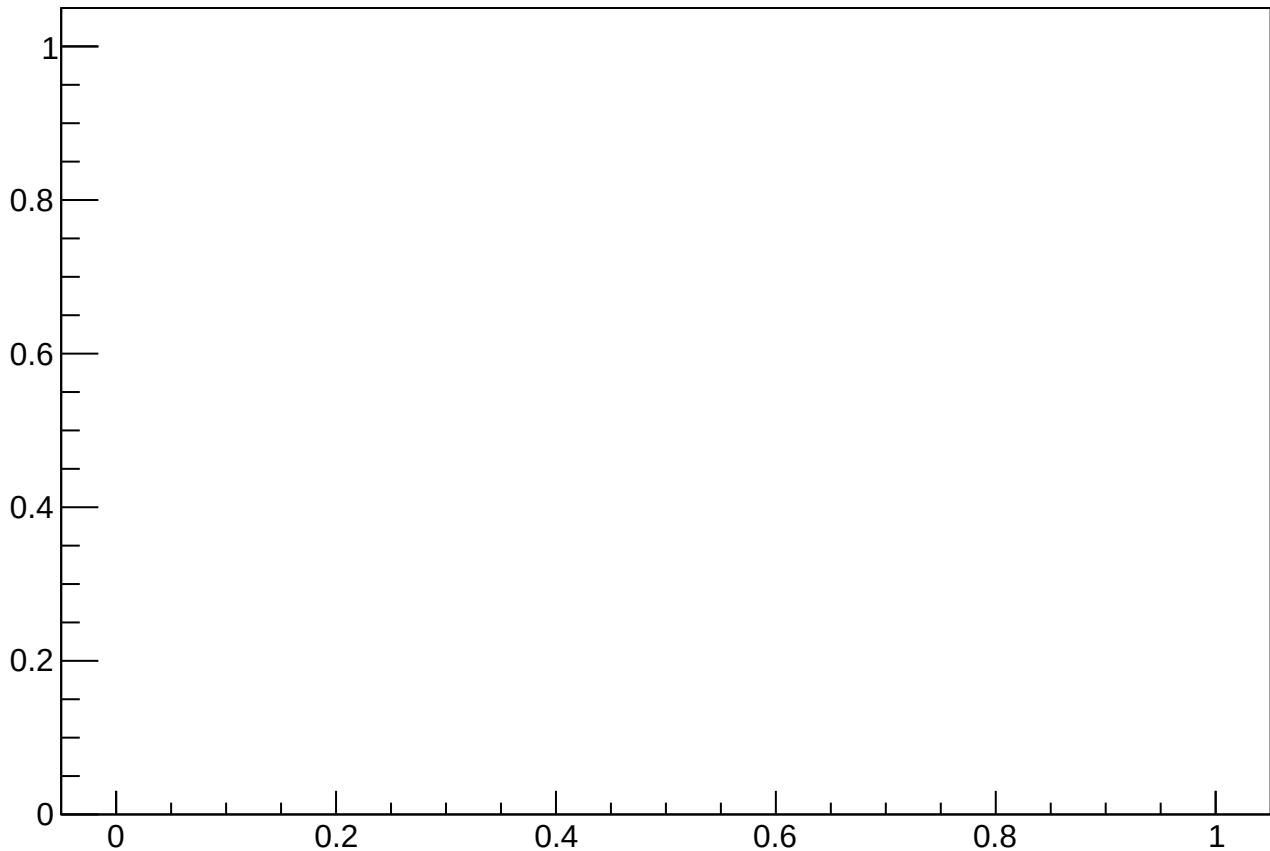
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

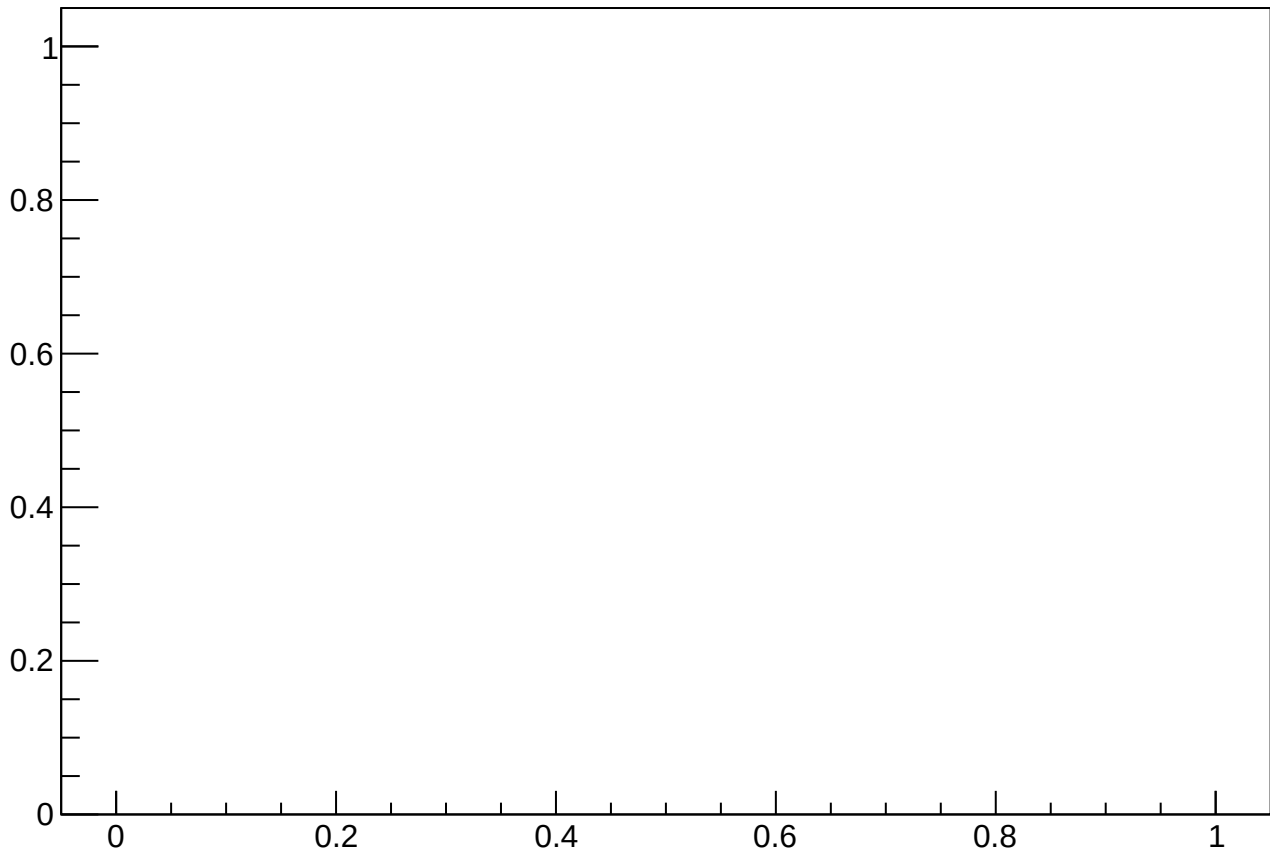
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

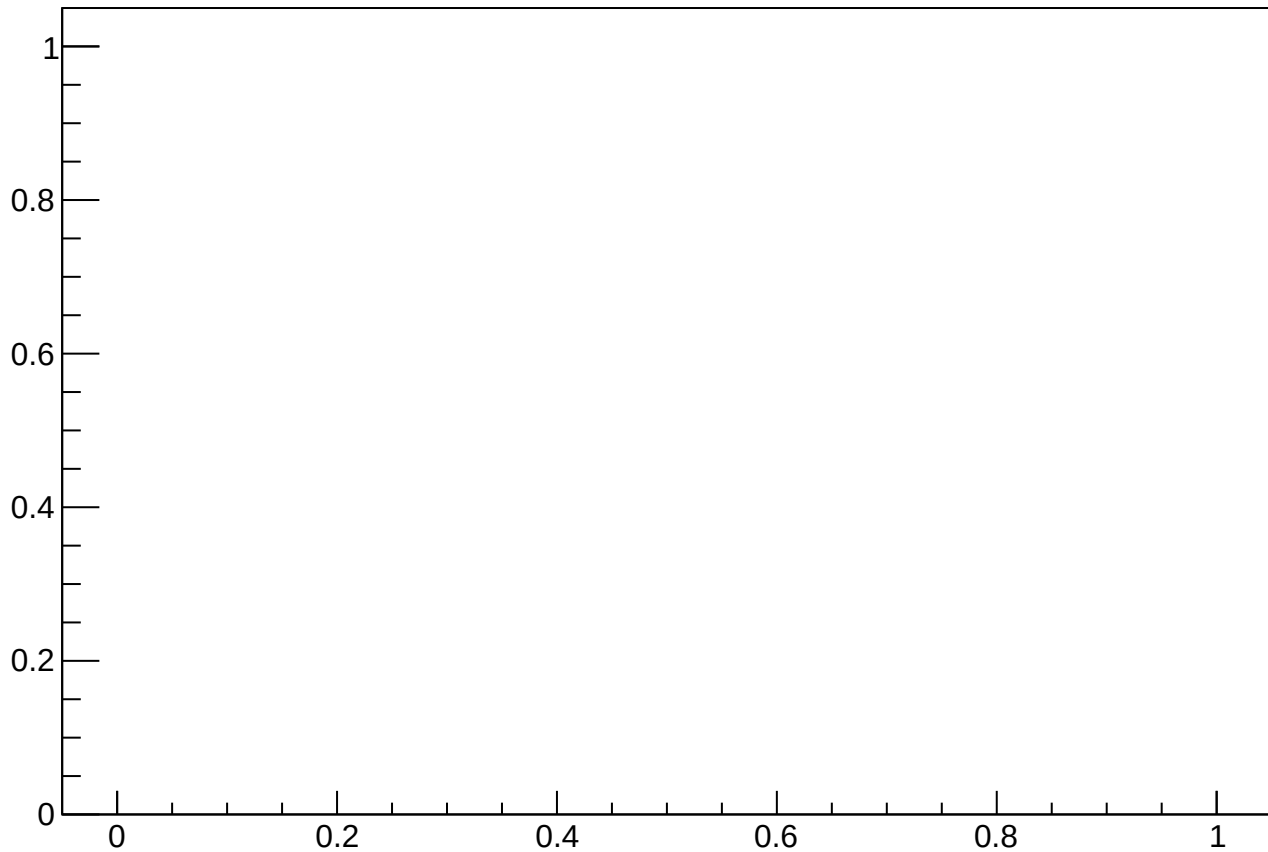
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

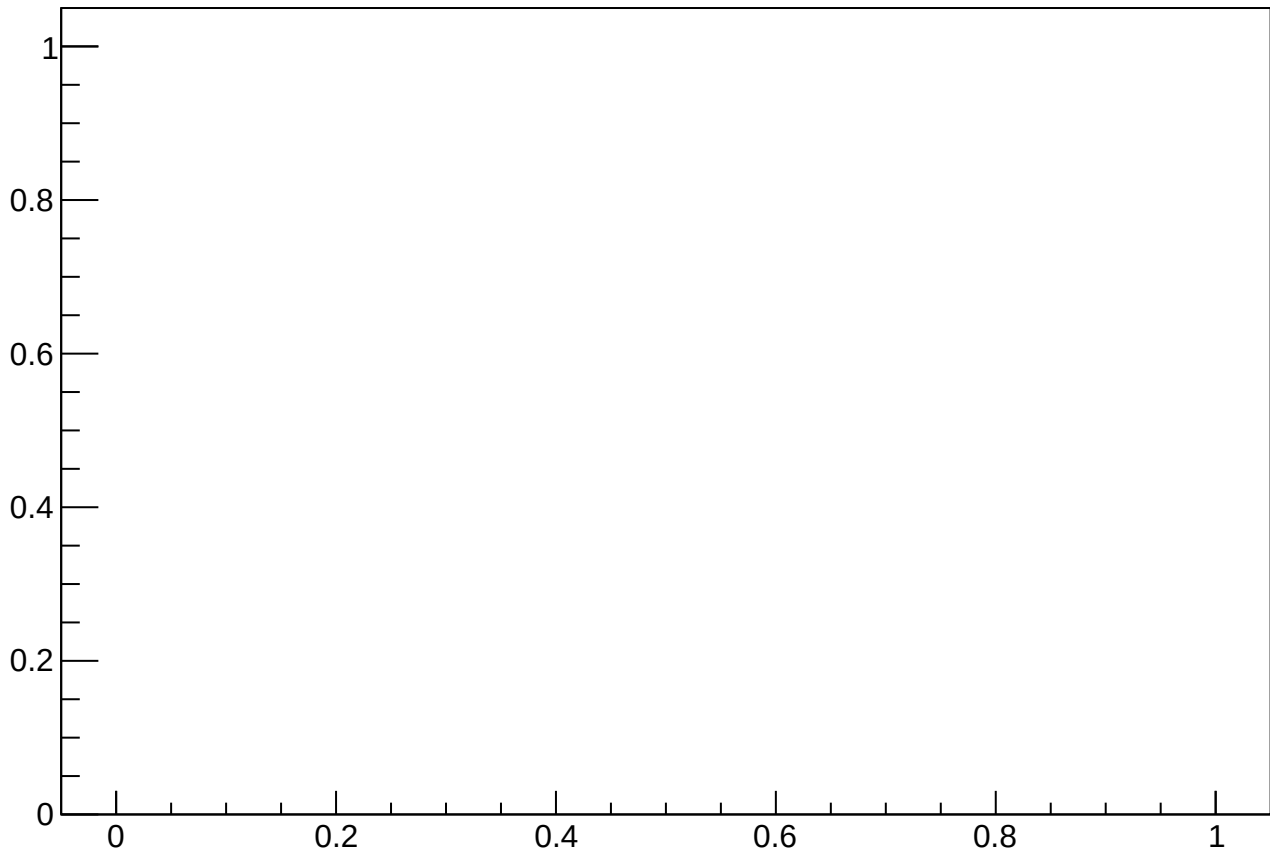
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

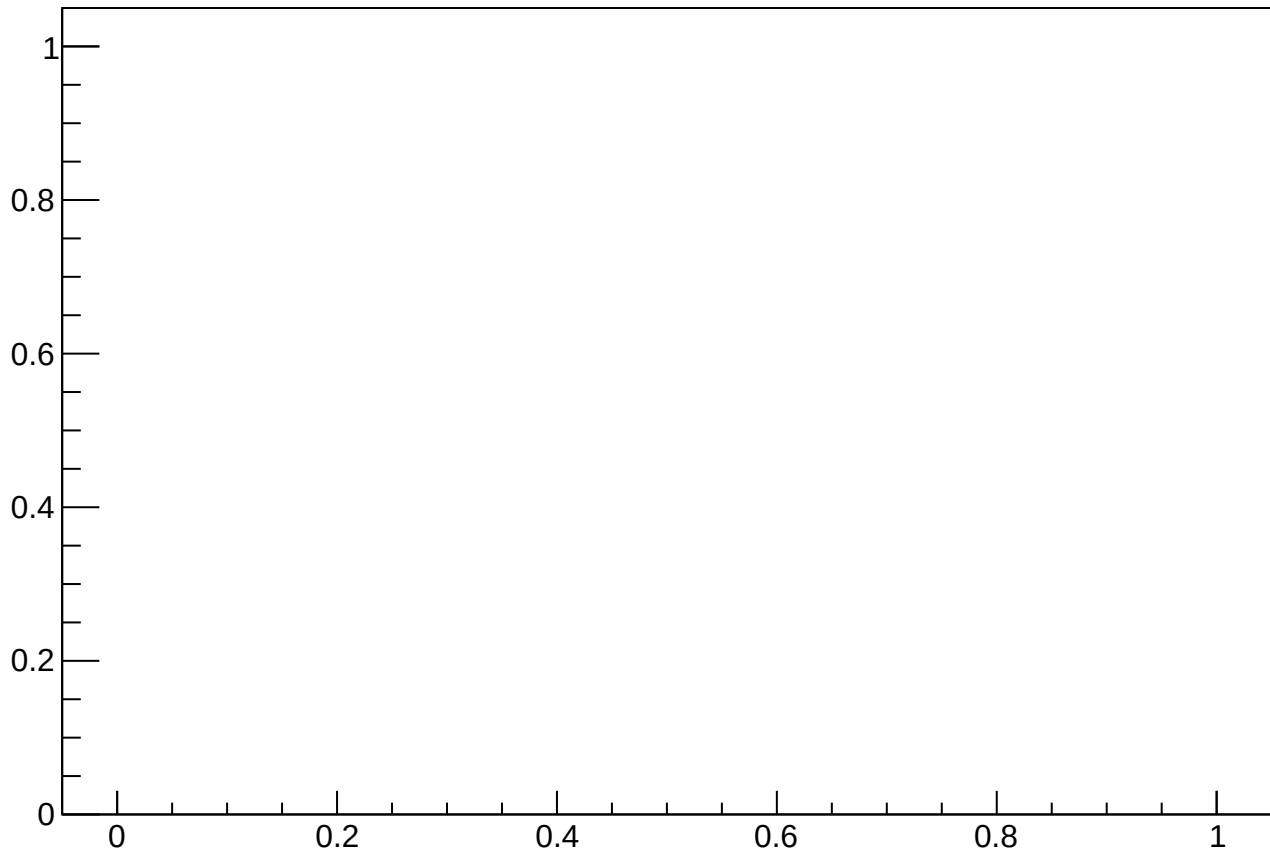
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

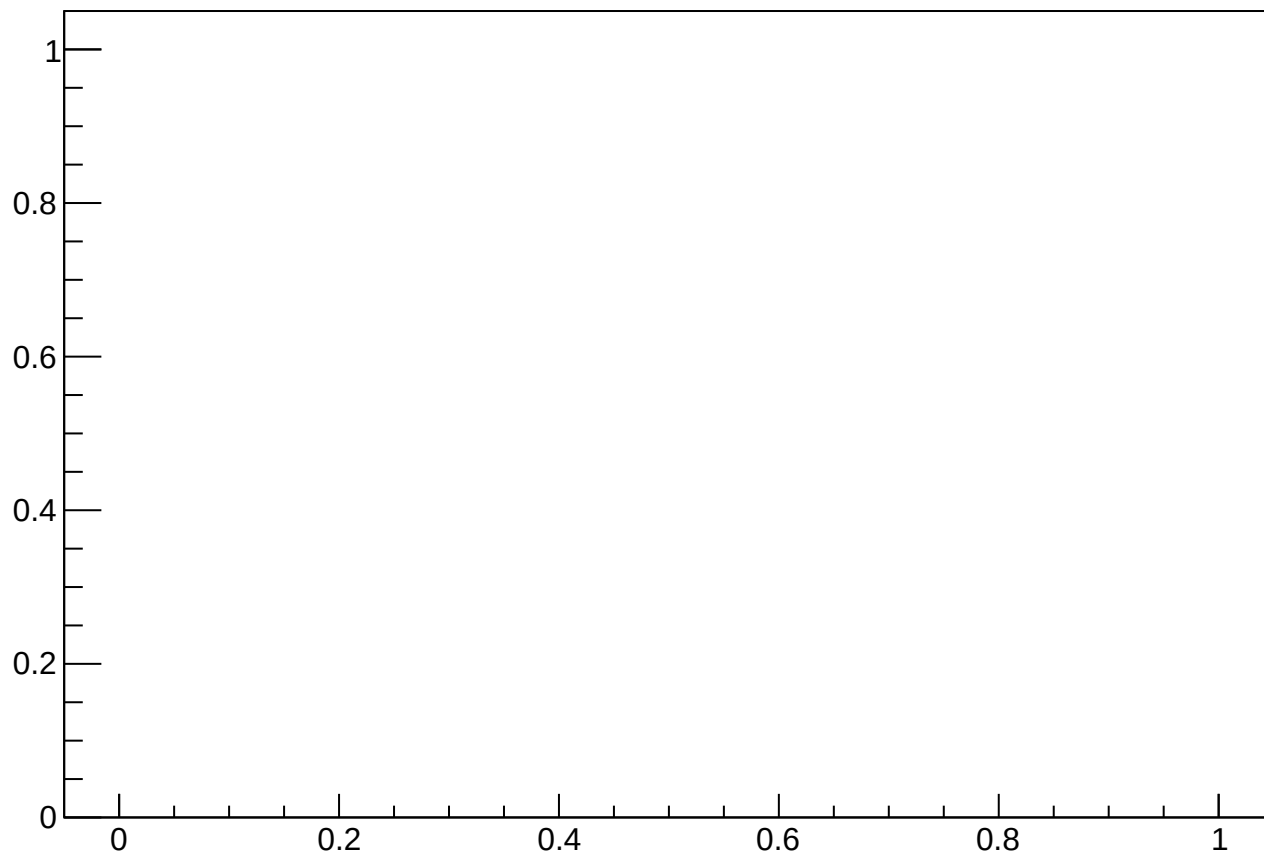
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
In: 0.000+/-0.000 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

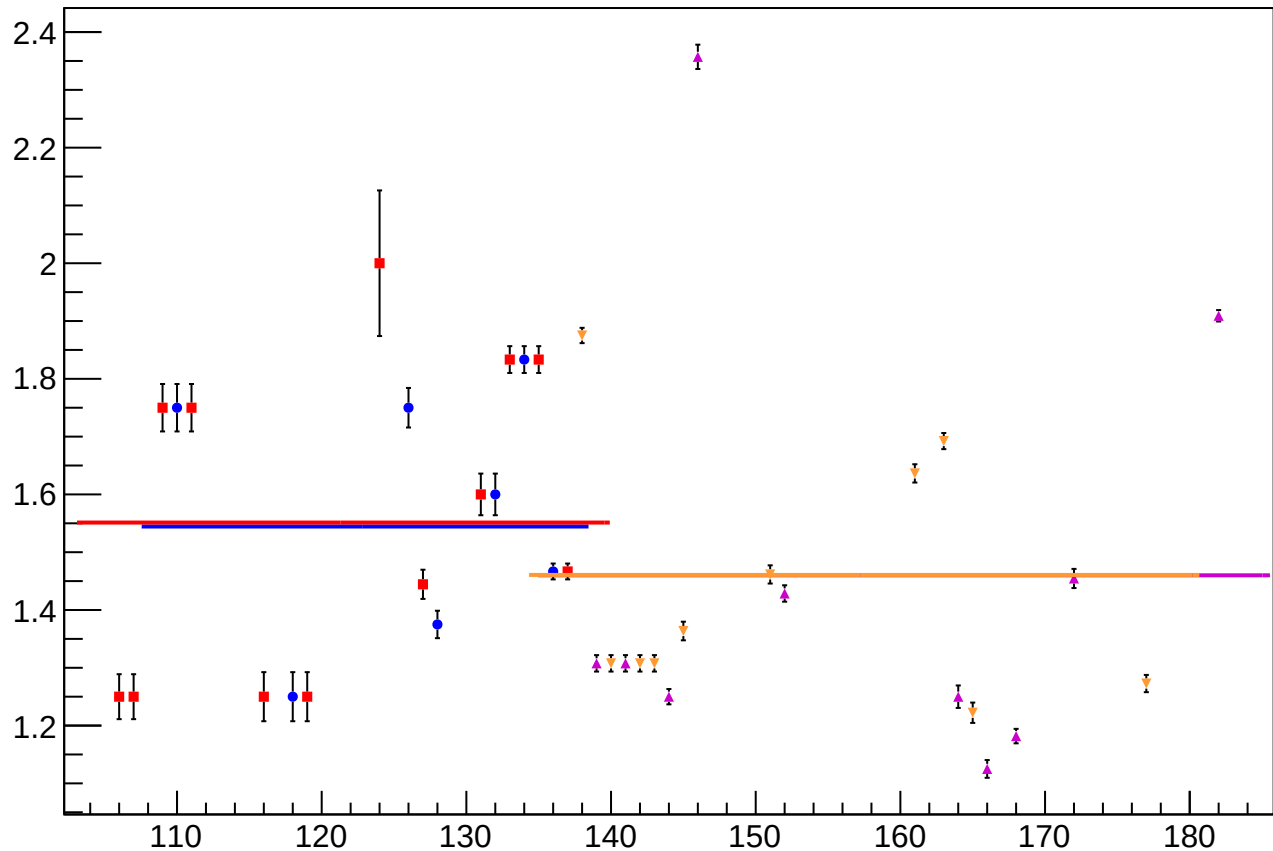
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.461+/-0.005 χ^2/NDF :2103.3/9

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.460+/-0.004 χ^2/NDF :5452.3/9

Left: 1.460+/-0.003 χ^2/NDF : 7555.6/19

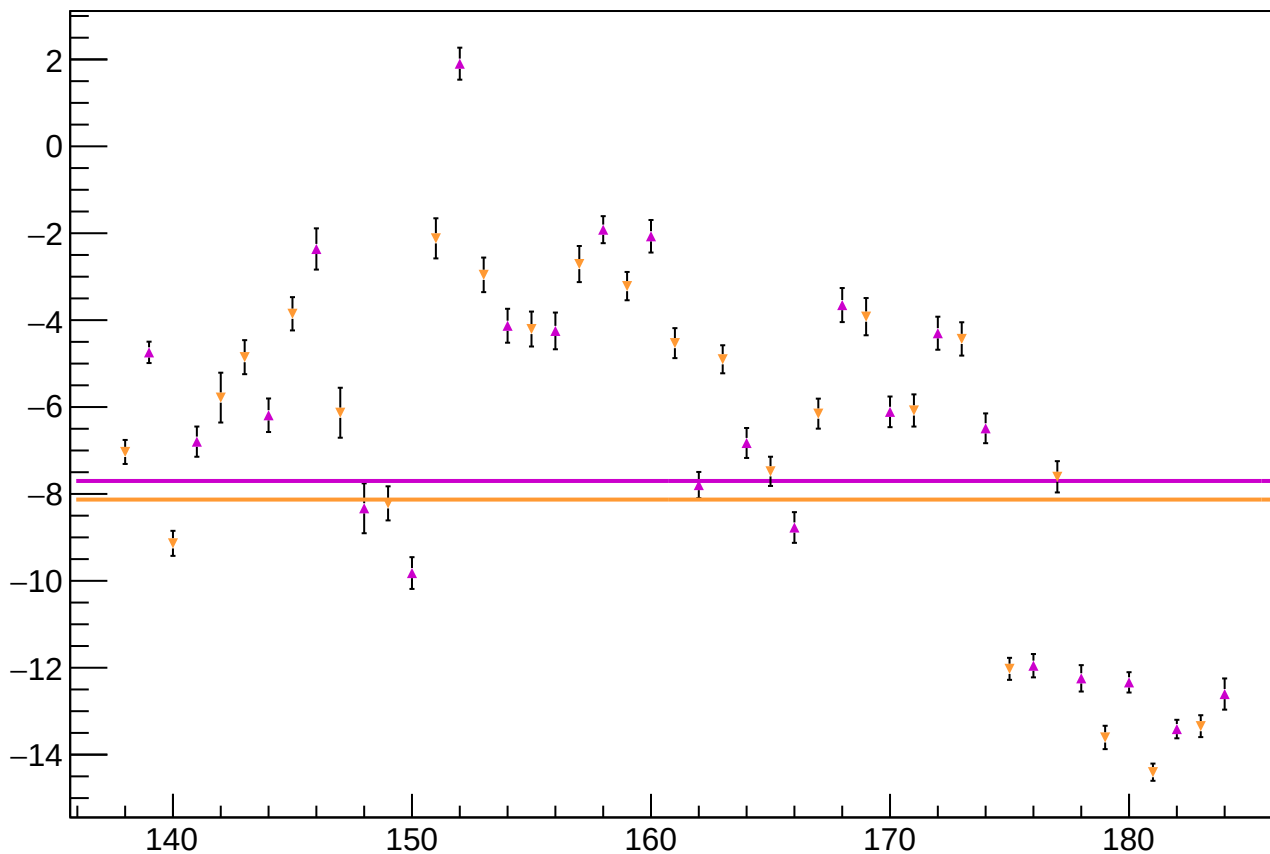
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.476+/-0.004 χ^2/NDF :5869.6/16

Out: 1.483+/-0.004 χ^2/NDF :2829.6/21

All: 1.480+/-0.003 χ^2/NDF : 8700.8/38

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.130 $\pm$ 0.068 χ^2 /NDF:3634.7/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.701 $\pm$ 0.068 χ^2 /NDF:3737.2/22

Left: -7.917 $\pm$ 0.048 χ^2 /NDF: 7391.7/46

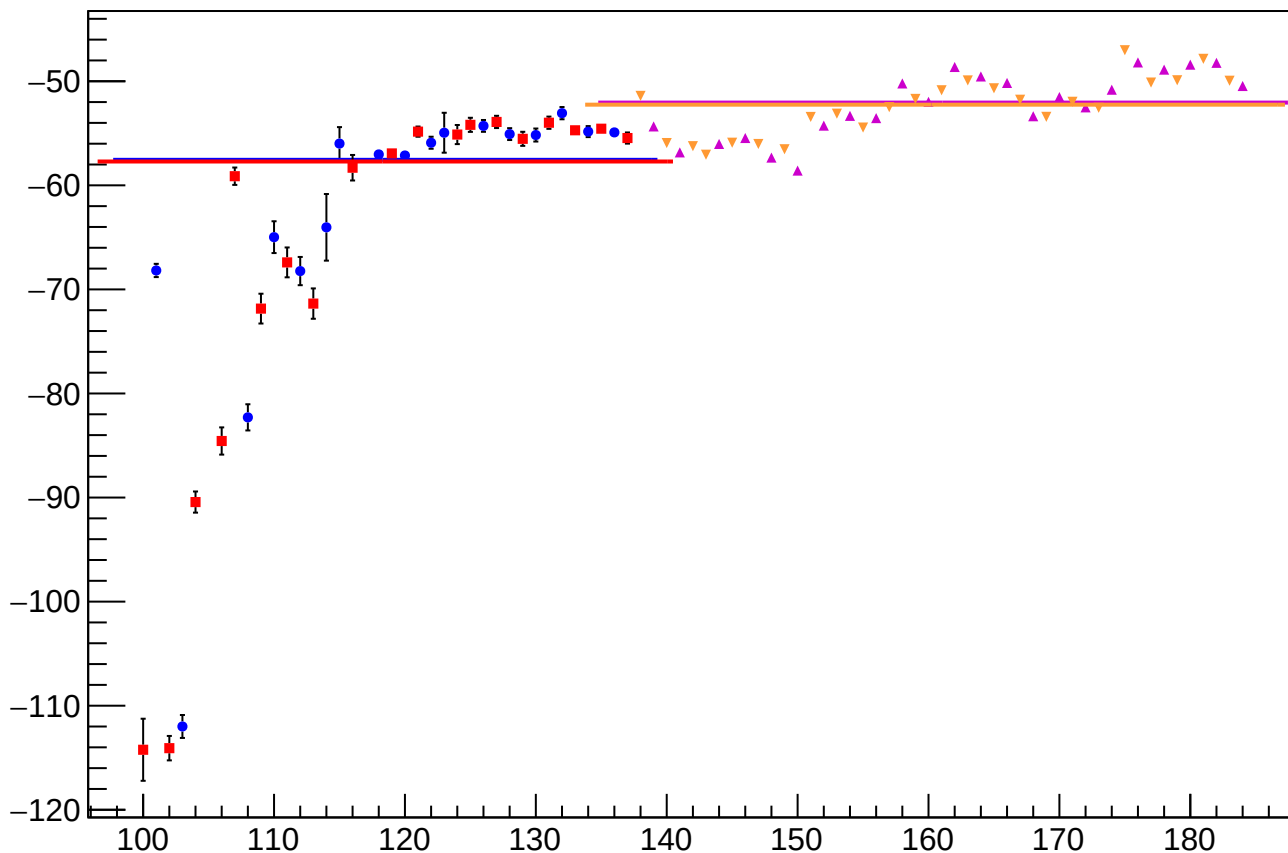
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -7.701 $\pm$ 0.068 χ^2 /NDF:3737.2/22

Out: -8.130 $\pm$ 0.068 χ^2 /NDF:3634.7/23

All: -7.917 $\pm$ 0.048 χ^2 /NDF: 7391.7/46

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -52.249 ± 0.055 χ^2/NDF : 2603.6/23

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -52.050 ± 0.057 χ^2/NDF : 3197.5/22

Left: -52.152 ± 0.040 χ^2/NDF : 5807.4/46

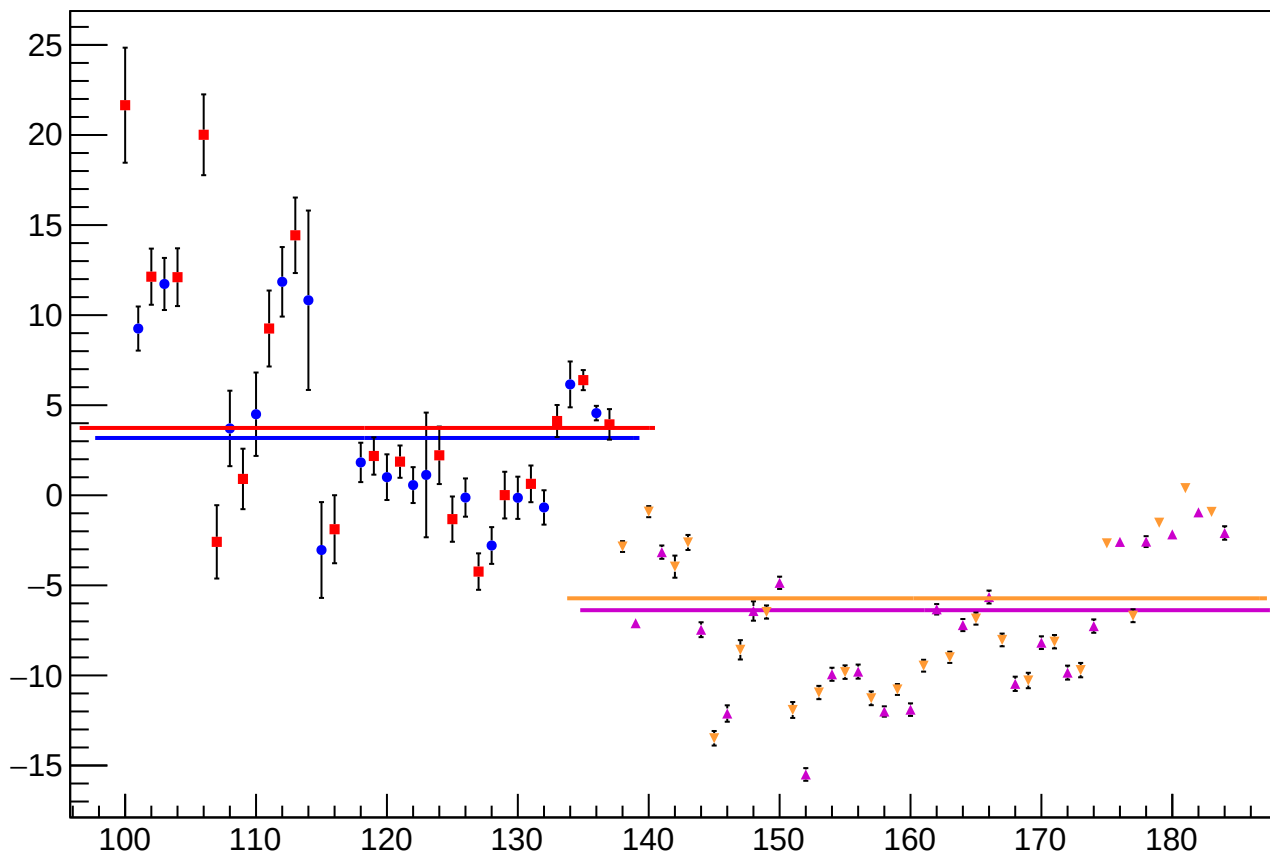
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -52.817 ± 0.053 χ^2/NDF : 7956.1/39

Out: -52.965 ± 0.052 χ^2/NDF : 8579.2/42

All: -52.892 ± 0.037 χ^2/NDF : 16539.3/82

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -5.719 ± 0.068 χ^2/NDF : 3982.2/23

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

Left: -6.048 ± 0.048 χ^2/NDF : 7424.8/46

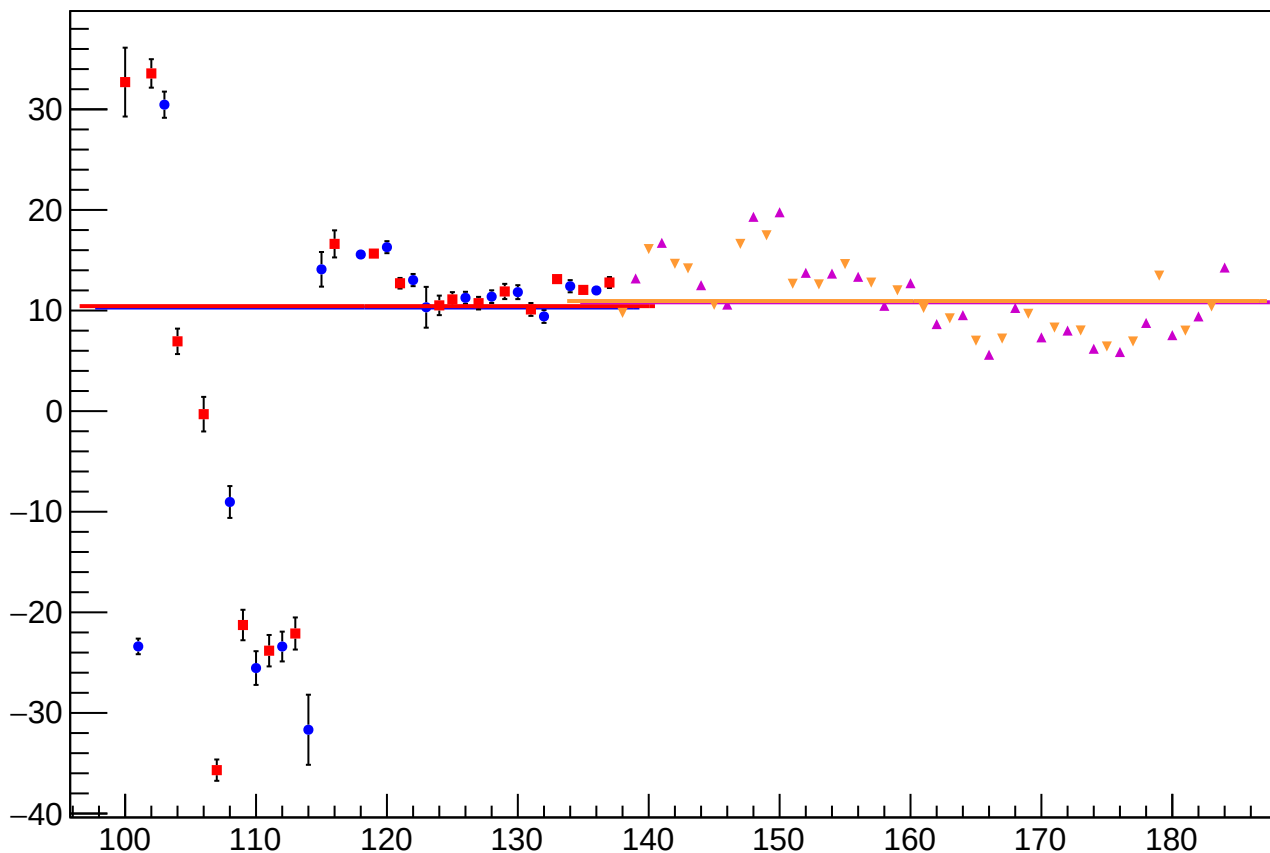
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -5.753 ± 0.066 χ^2/NDF : 4864.2/39

Out: -5.142 ± 0.066 χ^2/NDF : 5481.7/42

All: -5.447 ± 0.047 χ^2/NDF : 10388.8/82

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 10.943+/-0.062 χ^2/NDF : 2629.1/23

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 10.818+/-0.063 χ^2/NDF : 3577.7/22

Left: 10.882+/-0.044 χ^2/NDF : 6208.7/46

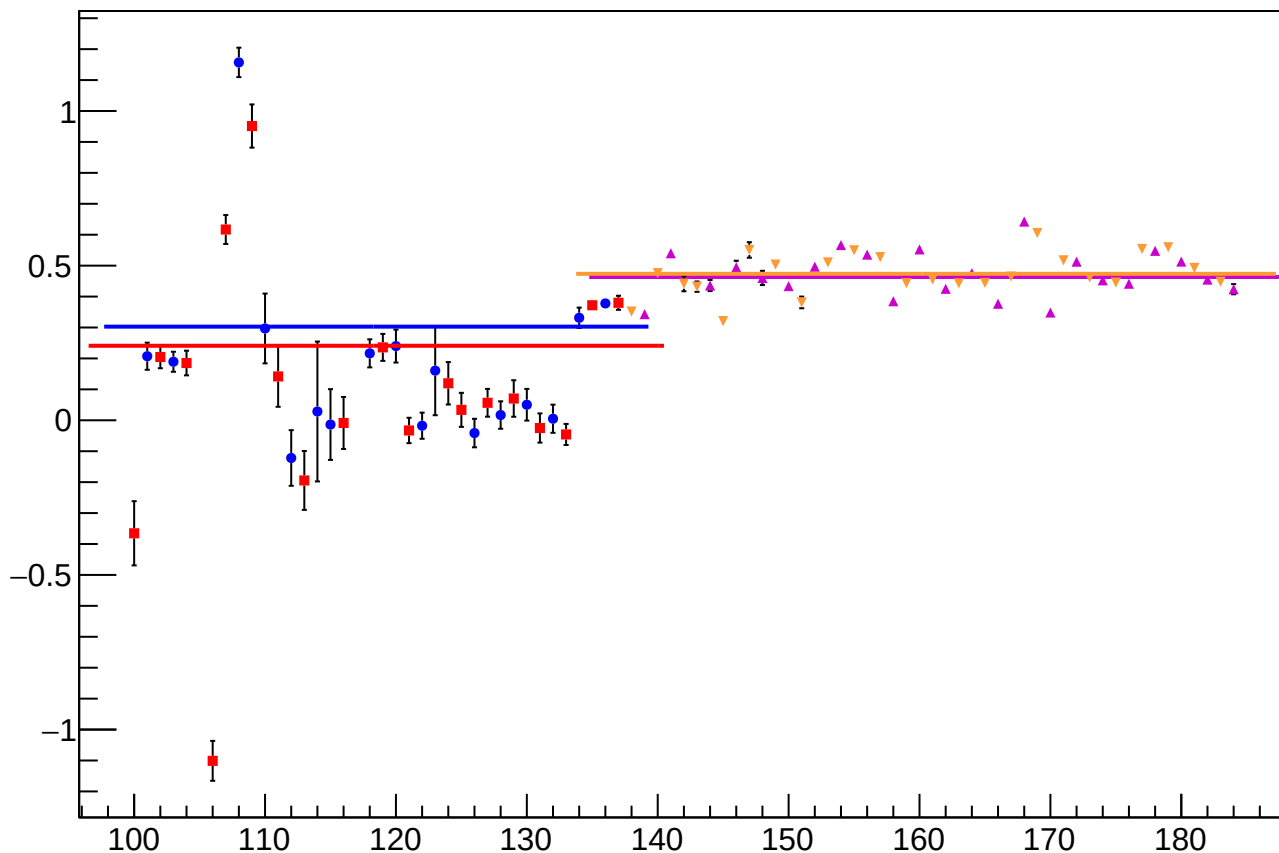
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 10.747+/-0.058 χ^2/NDF : 7286.4/39

Out: 10.877+/-0.058 χ^2/NDF : 6466.6/42

All: 10.813+/-0.041 χ^2/NDF : 13755.5/82

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.474 $\pm$ 0.003 χ^2 /NDF:507.8/23

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.463 $\pm$ 0.003 χ^2 /NDF:749.9/22

Left: 0.468 $\pm$ 0.002 χ^2 /NDF: 1264.5/46

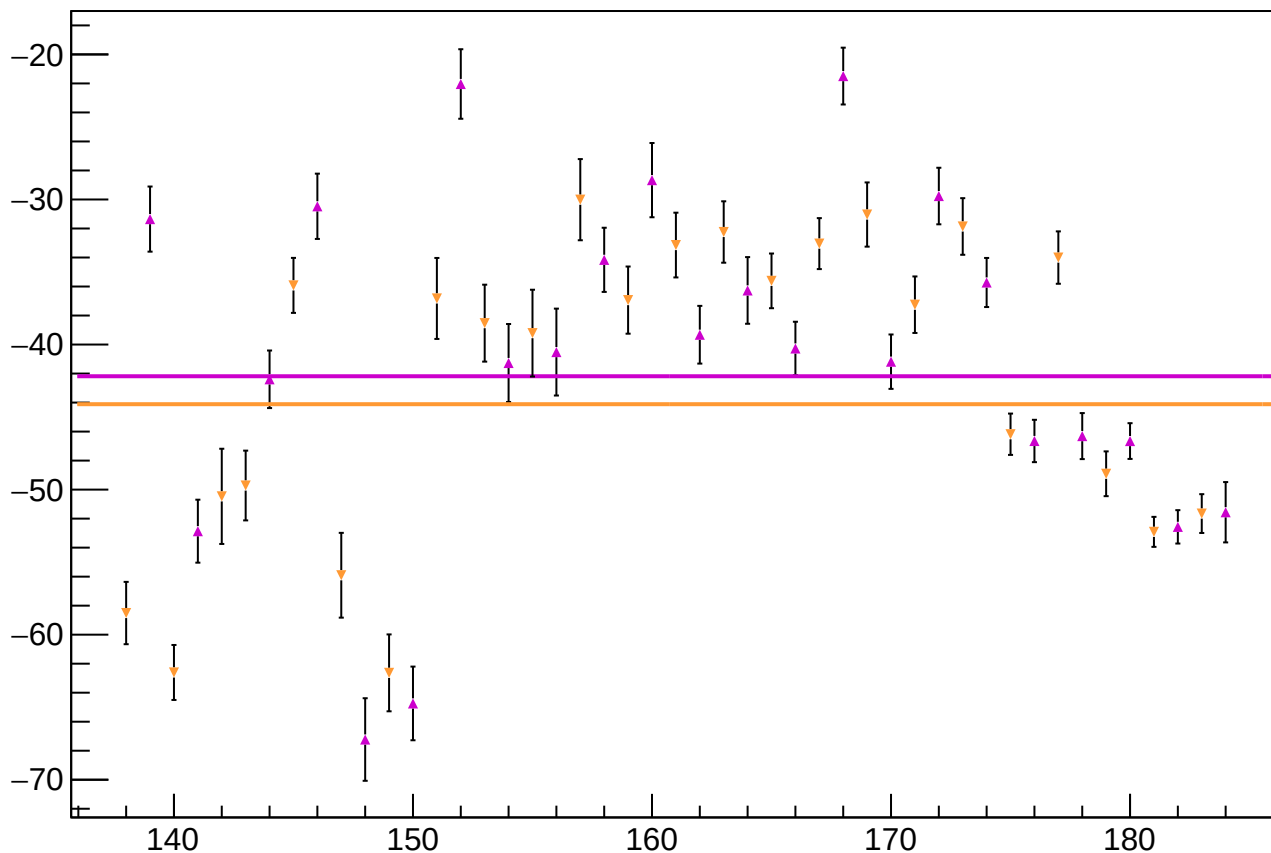
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.447 $\pm$ 0.003 χ^2 /NDF:1741.6/39

Out: 0.451 $\pm$ 0.003 χ^2 /NDF:2174.6/42

All: 0.449 $\pm$ 0.002 χ^2 /NDF: 3917.3/82

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -44.112+/-0.393 χ^2/NDF :631.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.185+/-0.398 χ^2/NDF :651.0/22

Left: -43.159+/-0.280 χ^2/NDF : 1294.7/46

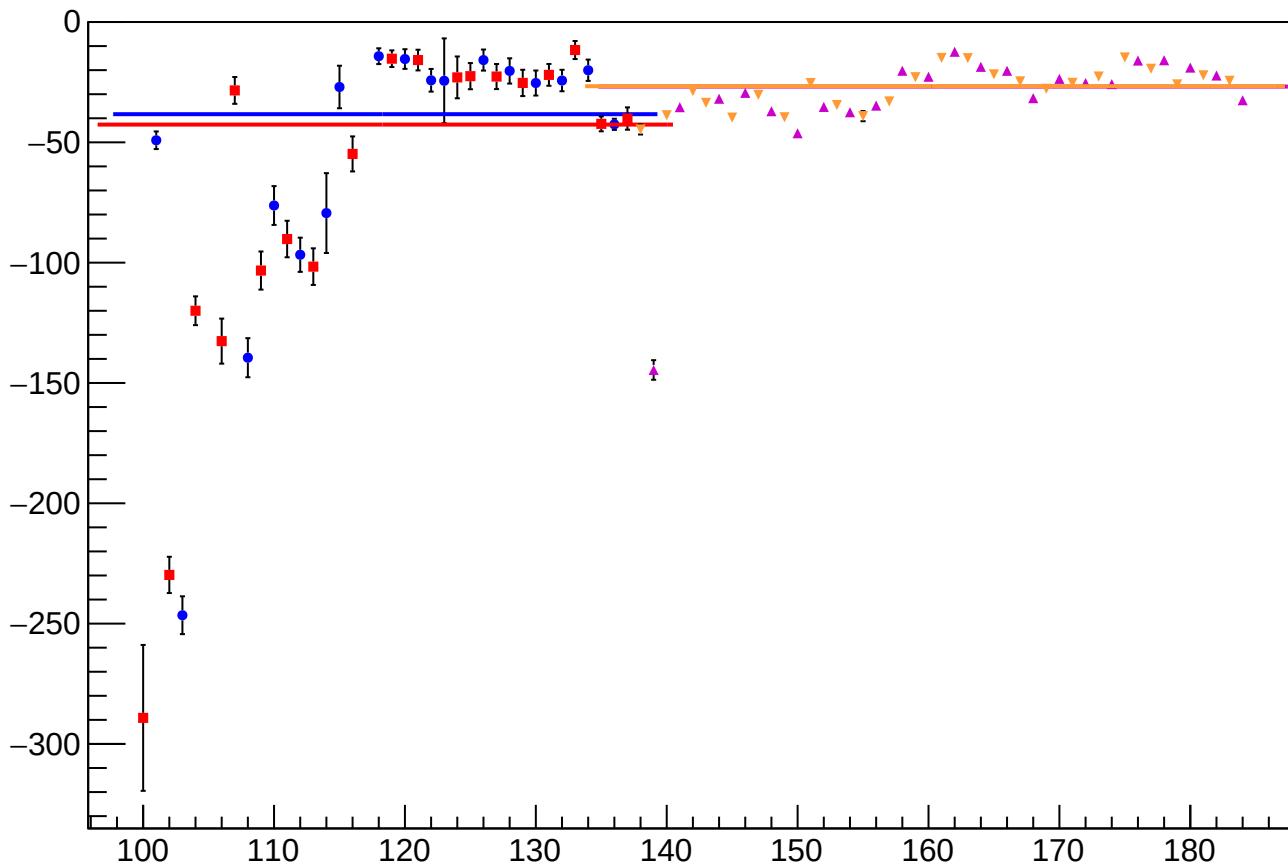
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.185+/-0.398 χ^2/NDF :651.0/22

Out: -44.112+/-0.393 χ^2/NDF :631.7/23

All: -43.159+/-0.280 χ^2/NDF : 1294.7/46

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -26.678 ± 0.319 $\chi^2/\text{NDF}: 606.5/23$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -26.825 ± 0.325 $\chi^2/\text{NDF}: 1481.6/22$

Left: -26.750 ± 0.228 $\chi^2/\text{NDF}: 2088.2/46$

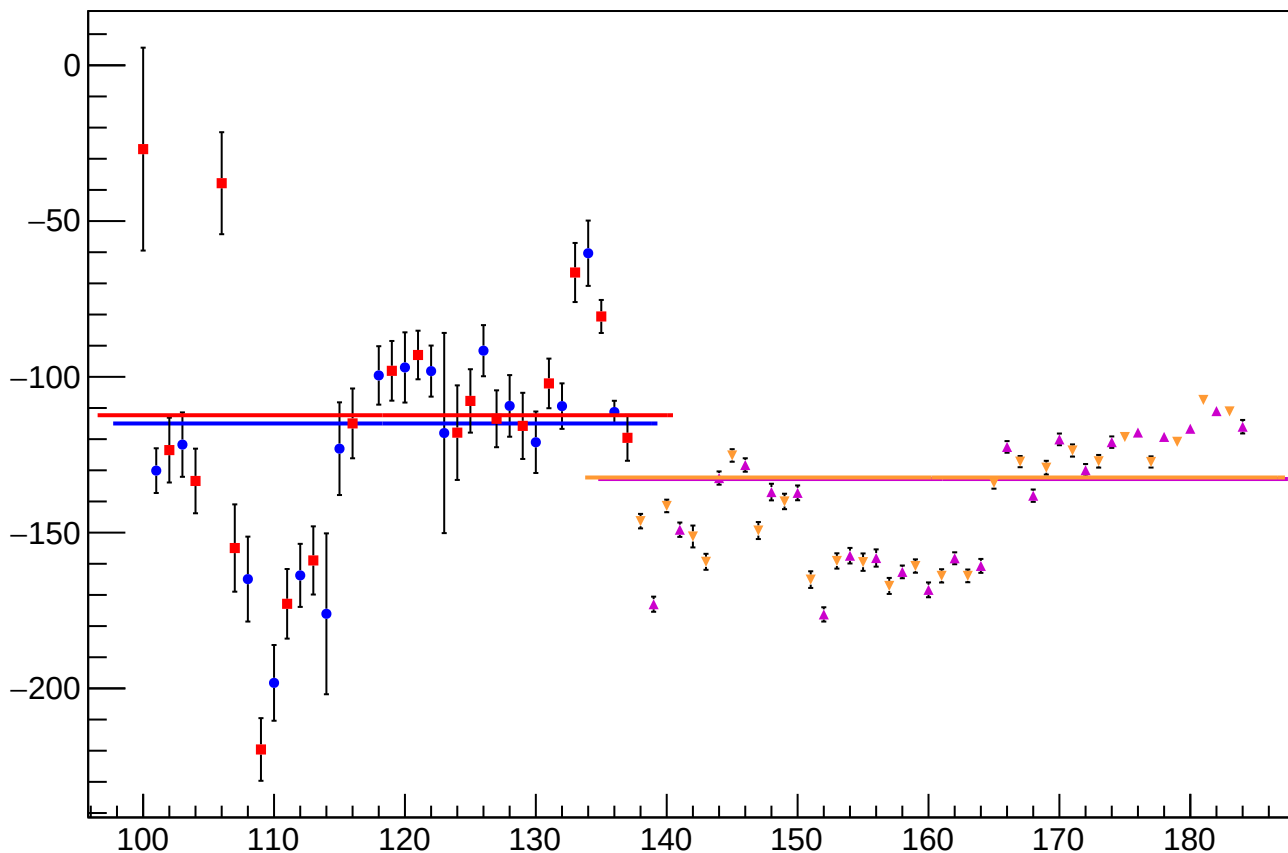
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -27.693 ± 0.313 $\chi^2/\text{NDF}: 2708.4/39$

Out: -27.719 ± 0.309 $\chi^2/\text{NDF}: 2113.6/42$

All: -27.706 ± 0.220 $\chi^2/\text{NDF}: 4822.0/82$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -132.308 ± 0.396 $\chi^2/\text{NDF}: 2392.0/23$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -132.799 ± 0.398 $\chi^2/\text{NDF}: 2515.9/22$

Left: -132.552 ± 0.281 $\chi^2/\text{NDF}: 4908.6/46$

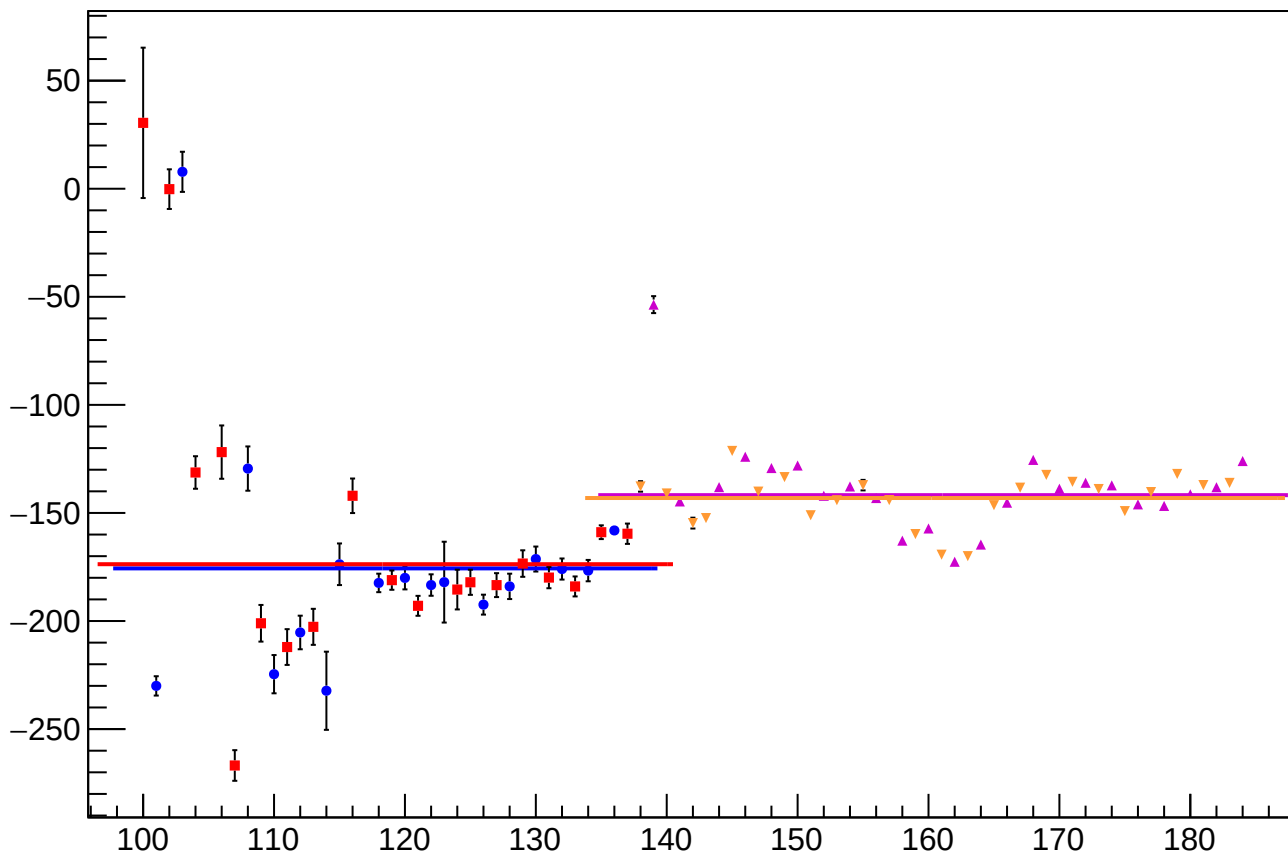
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -132.166 ± 0.391 $\chi^2/\text{NDF}: 2728.5/39$

Out: -131.684 ± 0.389 $\chi^2/\text{NDF}: 2745.6/42$

All: -131.924 ± 0.276 $\chi^2/\text{NDF}: 5474.9/82$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.095 ± 0.358 χ^2/NDF : 1043.7/23

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

Left: -142.441 ± 0.255 χ^2/NDF : 2654.9/46

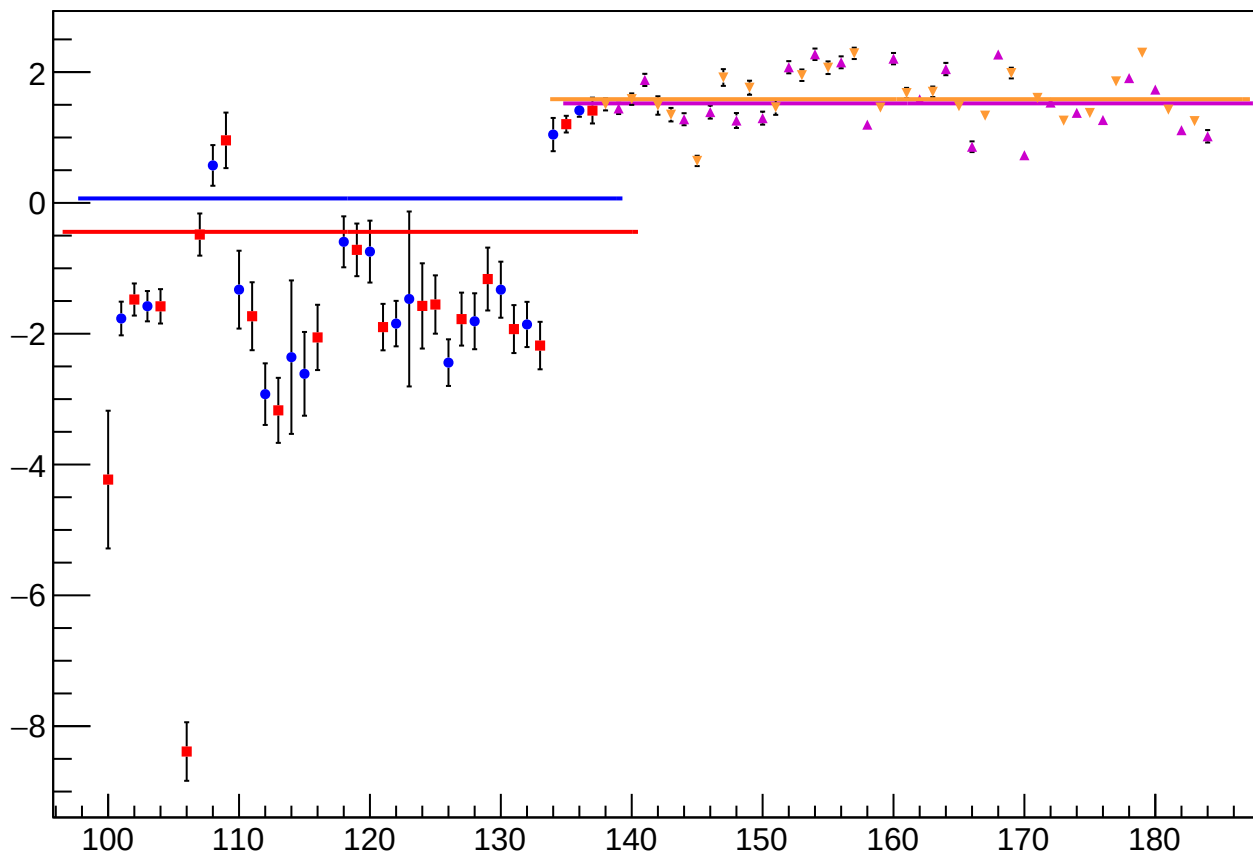
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -144.327 ± 0.349 χ^2/NDF : 2955.4/39

Out: -145.093 ± 0.346 χ^2/NDF : 2259.6/42

All: -144.713 ± 0.246 χ^2/NDF : 5217.4/82

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2/NDF : 525.9/16

Left Out: 1.586 $\pm$ 0.016 χ^2/NDF :493.5/23

Right Out: -0.443 $\pm$ 0.071 χ^2/NDF : 755.9/18

Left In: 1.522 $\pm$ 0.016 χ^2/NDF :739.1/22

Left: 1.554 $\pm$ 0.012 χ^2/NDF : 1240.2/46

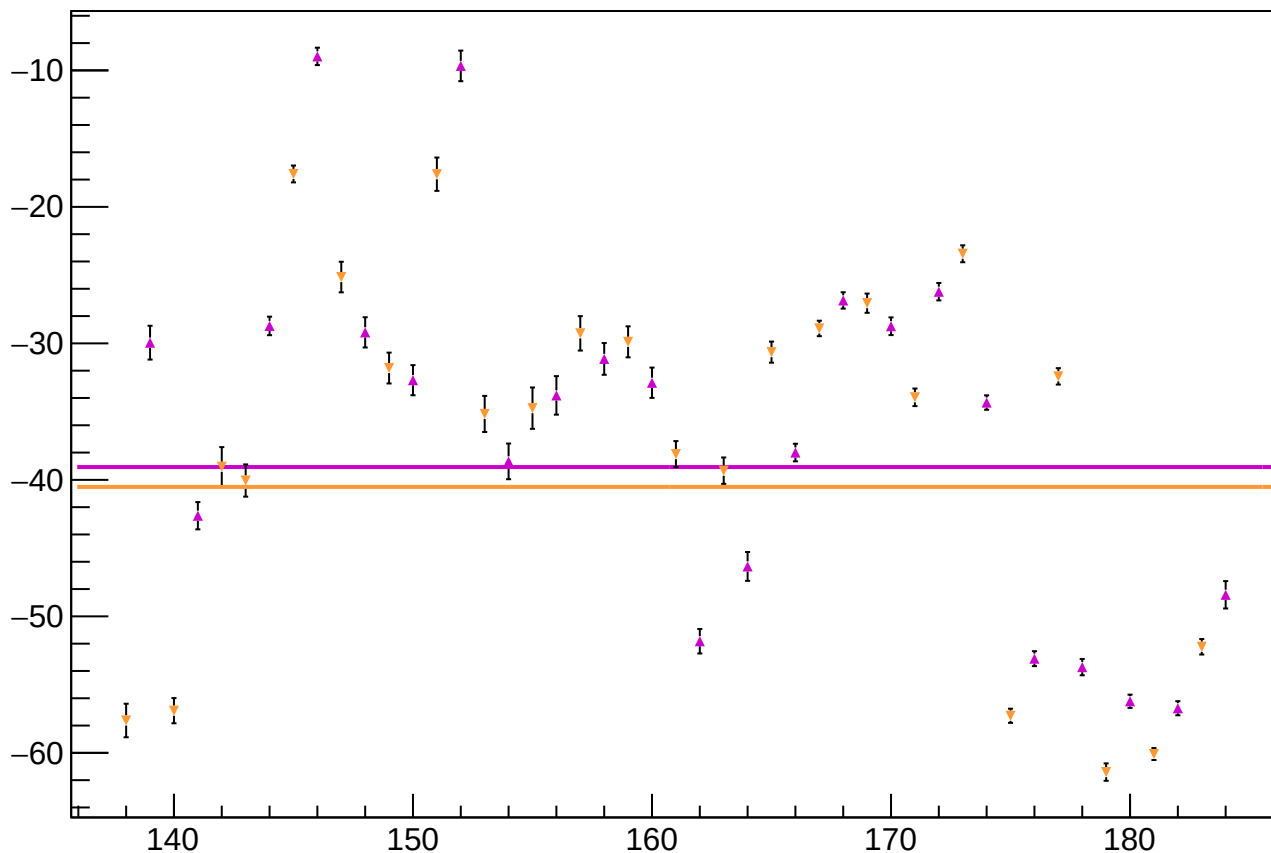
Right: -0.172 $\pm$ 0.049 χ^2/NDF : 1309.1/35

In: 1.439 $\pm$ 0.016 χ^2/NDF :1708.9/39

Out: 1.483 $\pm$ 0.016 χ^2/NDF :2022.6/42

All: 1.461 $\pm$ 0.011 χ^2/NDF : 3735.2/82

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: -40.517 $\pm$ 0.155 χ^2/NDF :9233.4/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -39.060 $\pm$ 0.154 χ^2/NDF :8577.0/22

Left: -39.783 $\pm$ 0.109 χ^2/NDF : 17854.8/46

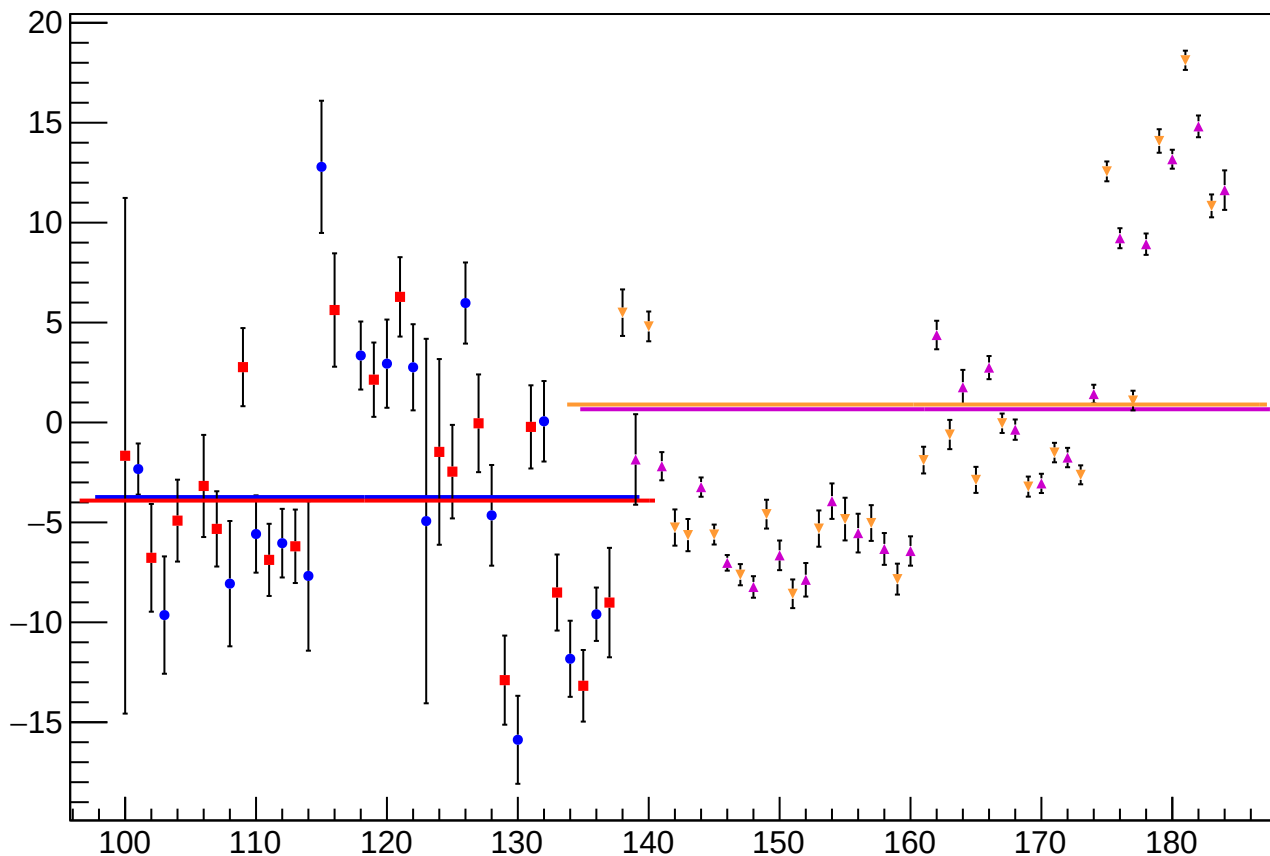
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -39.060 $\pm$ 0.154 χ^2/NDF :8577.0/22

Out: -40.517 $\pm$ 0.155 χ^2/NDF :9233.4/23

All: -39.783 $\pm$ 0.109 χ^2/NDF : 17854.8/46

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 0.899 ± 0.125 χ^2/NDF : 3904.1/23

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: 0.662 ± 0.124 χ^2/NDF : 3340.9/22

Left: 0.779 ± 0.088 χ^2/NDF : 7246.8/46

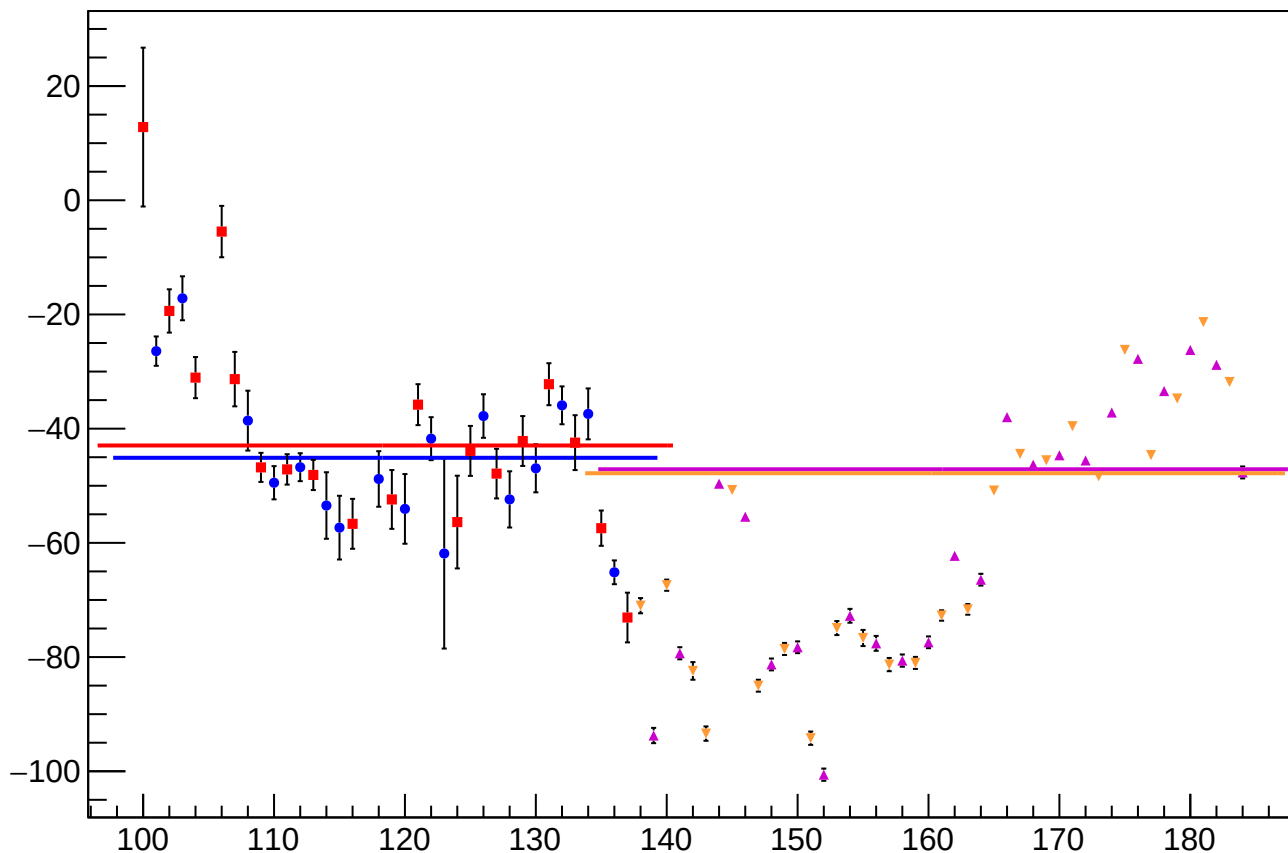
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: 0.404 ± 0.120 χ^2/NDF : 3580.6/39

Out: 0.621 ± 0.122 χ^2/NDF : 4113.7/42

All: 0.511 ± 0.086 χ^2/NDF : 7696.0/82

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -47.806 ± 0.156 χ^2/NDF : 16887.5/23

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -47.112 ± 0.155 χ^2/NDF : 15654.8/22

Left: -47.456 ± 0.110 χ^2/NDF : 32552.2/46

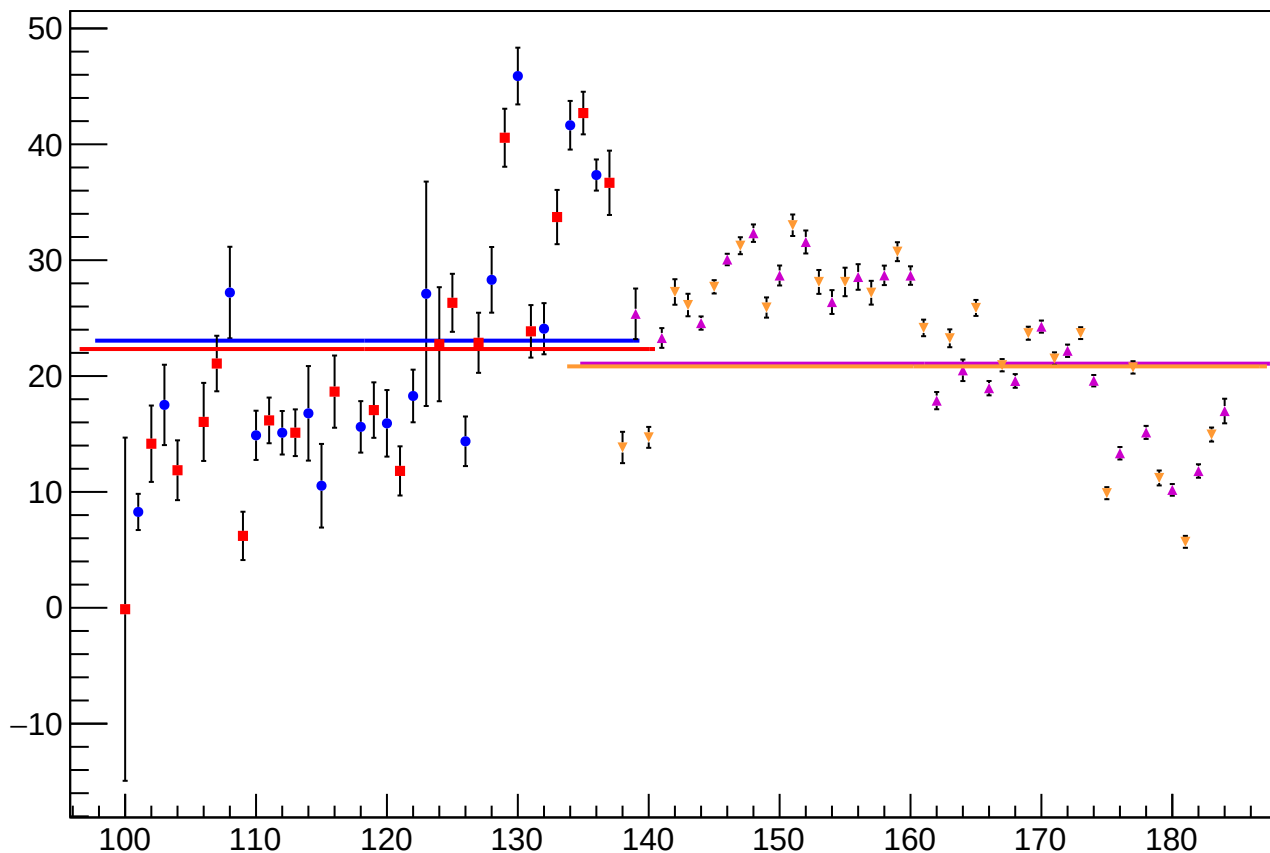
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -47.053 ± 0.152 χ^2/NDF : 15890.4/39

Out: -47.656 ± 0.154 χ^2/NDF : 17166.3/42

All: -47.351 ± 0.108 χ^2/NDF : 33064.4/82

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 20.834 $\pm$ 0.140 χ^2 /NDF:2723.4/23

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 21.069 $\pm$ 0.139 χ^2 /NDF:2176.7/22

Left: 20.953 $\pm$ 0.099 χ^2 /NDF: 4901.5/46

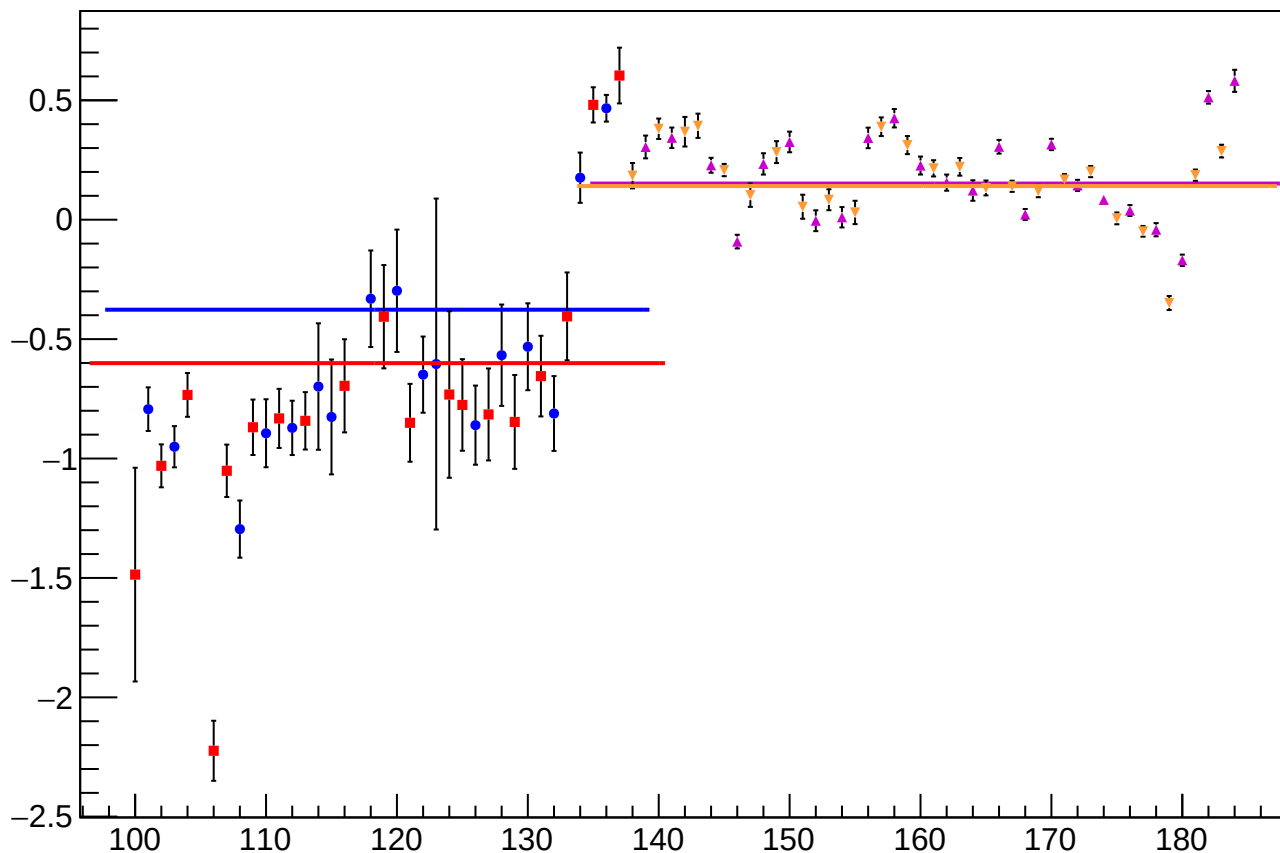
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 21.186 $\pm$ 0.135 χ^2 /NDF:2649.8/39

Out: 20.919 $\pm$ 0.136 χ^2 /NDF:3100.9/42

All: 21.054 $\pm$ 0.096 χ^2 /NDF: 5752.7/82

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.141 ± 0.006 $\chi^2/\text{NDF}: 587.8/23$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.151 ± 0.006 $\chi^2/\text{NDF}: 873.9/22$

Left: 0.146 ± 0.005 $\chi^2/\text{NDF}: 1463.1/46$

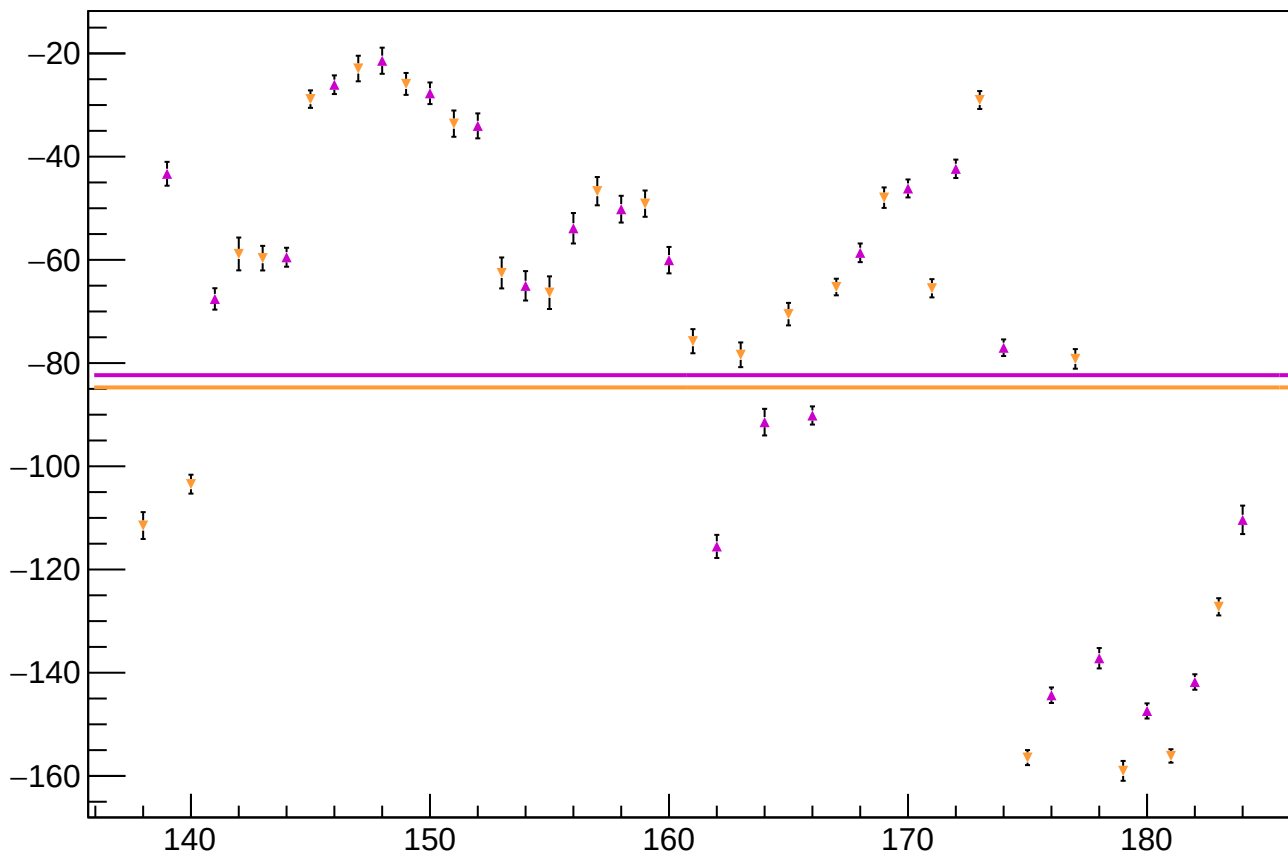
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.129 ± 0.006 $\chi^2/\text{NDF}: 1606.1/39$

Out: 0.109 ± 0.006 $\chi^2/\text{NDF}: 1720.7/42$

All: 0.119 ± 0.004 $\chi^2/\text{NDF}: 3331.8/82$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -84.719+/-0.410 χ^2/NDF :13036.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -82.342+/-0.413 χ^2/NDF :10954.9/22

Left: -83.538+/-0.291 χ^2/NDF : 24007.8/46

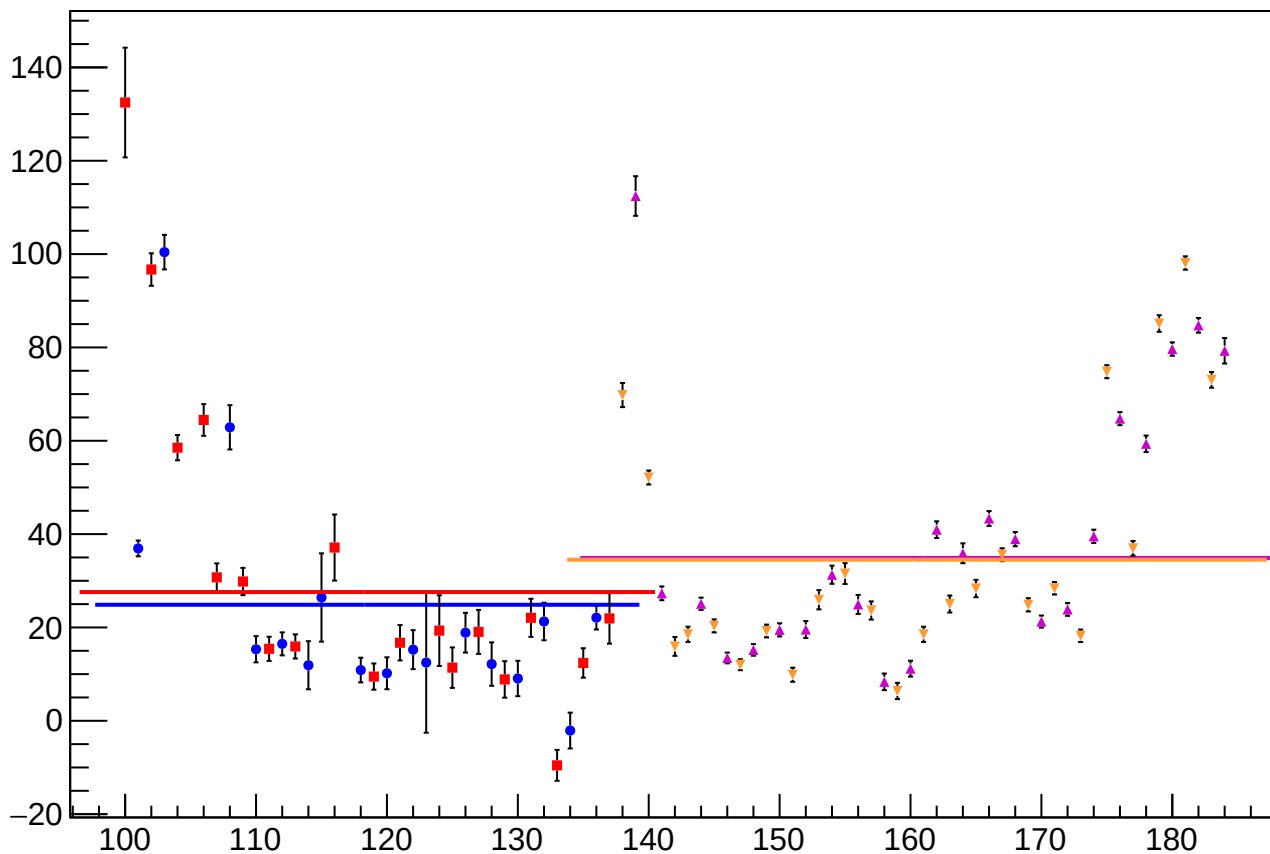
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.342+/-0.413 χ^2/NDF :10954.9/22

Out: -84.719+/-0.410 χ^2/NDF :13036.2/23

All: -83.538+/-0.291 χ^2/NDF : 24007.8/46

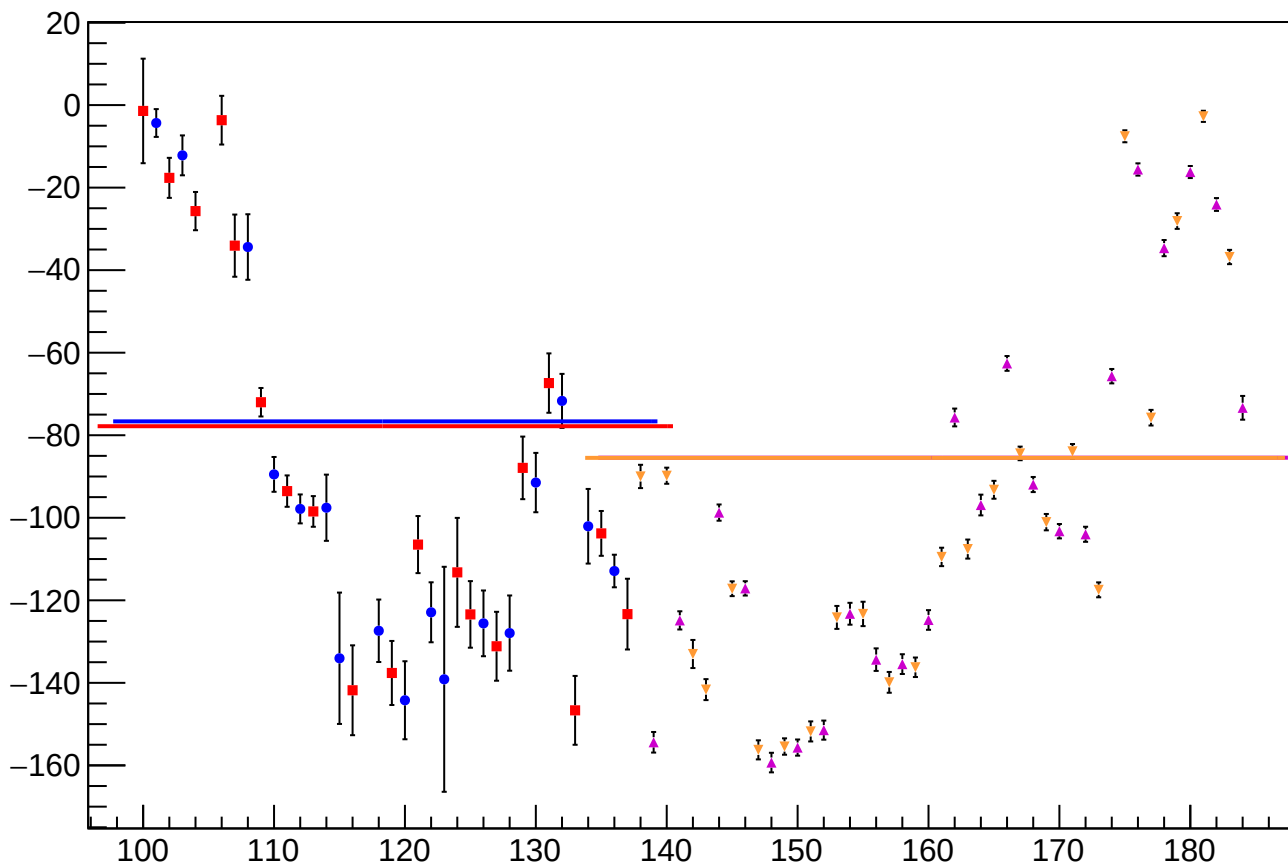
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16
 Left Out: 34.523 ± 0.323 χ^2/NDF : 6140.6/23
 Right Out: 27.593 ± 0.810 χ^2/NDF : 1010.9/18
 Left In: 34.893 ± 0.328 χ^2/NDF : 4754.6/22

Left: 34.705 ± 0.230 χ^2/NDF : 10895.8/46
 Right: 26.215 ± 0.570 χ^2/NDF : 1707.7/35
 In: 33.454 ± 0.304 χ^2/NDF : 5579.6/39
 Out: 33.573 ± 0.300 χ^2/NDF : 7214.8/42
 All: 33.514 ± 0.213 χ^2/NDF : 12794.4/82

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -85.484 ± 0.412 χ^2/NDF : 14145.4/23

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -85.441 ± 0.413 χ^2/NDF : 12998.9/22

Left: -85.463 ± 0.292 χ^2/NDF : 27144.2/46

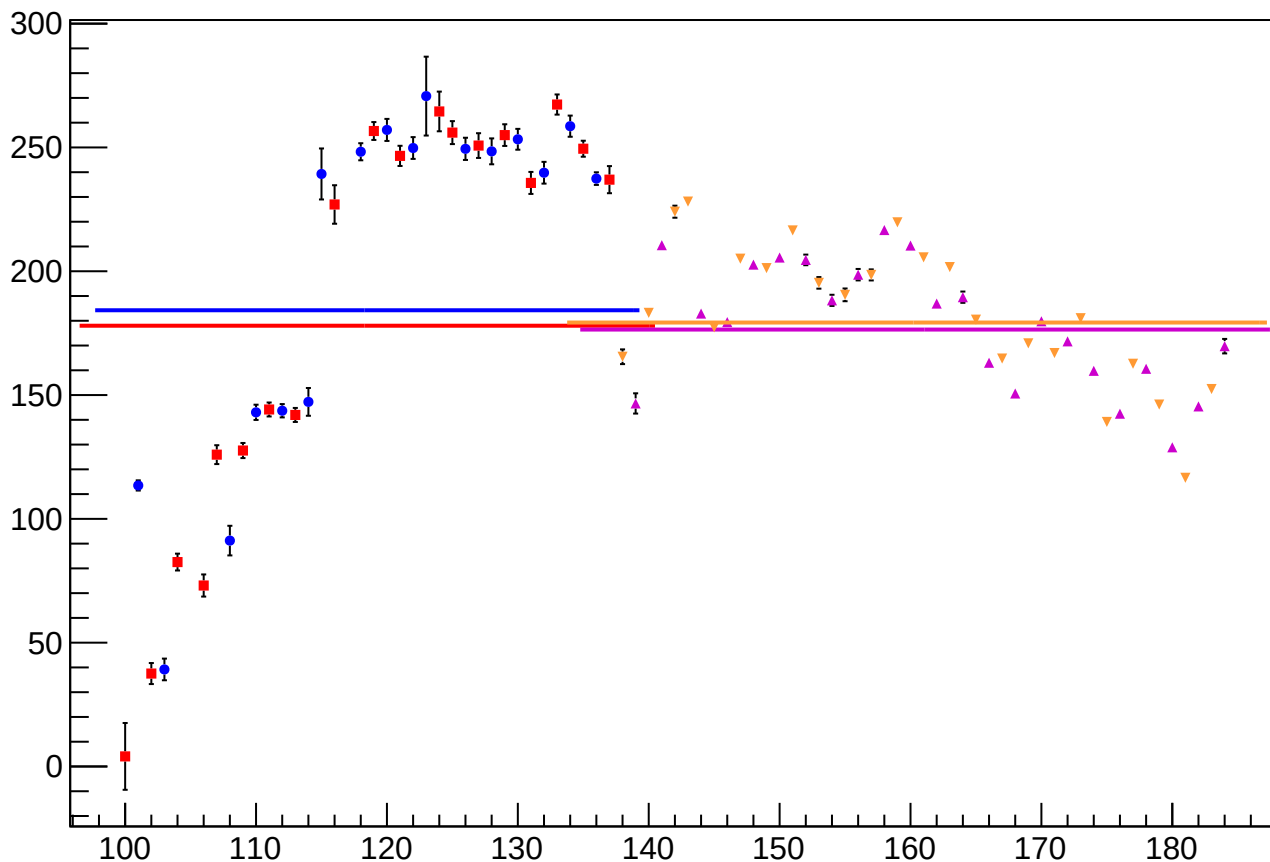
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -84.749 ± 0.397 χ^2/NDF : 14075.2/39

Out: -84.832 ± 0.394 χ^2/NDF : 15048.0/42

All: -84.791 ± 0.280 χ^2/NDF : 29123.3/82

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 179.290 $\pm$ 0.365 χ^2 /NDF: 5984.1/23

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

Left: 177.887 $\pm$ 0.260 χ^2 /NDF: 10456.1/46

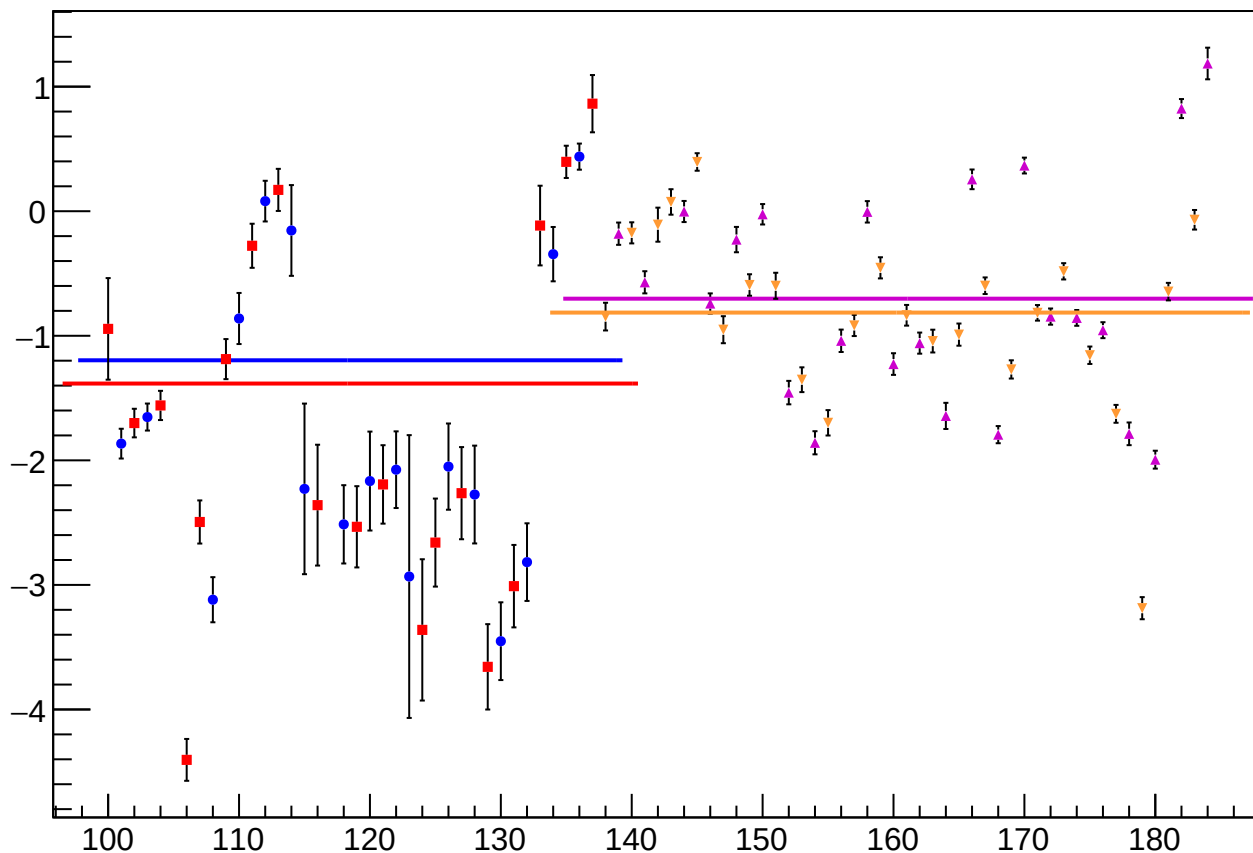
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 177.542 $\pm$ 0.343 χ^2 /NDF: 9893.1/39

Out: 179.116 $\pm$ 0.339 χ^2 /NDF: 12323.7/42

All: 178.337 $\pm$ 0.241 χ^2 /NDF: 22227.5/82

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.814 ± 0.017 χ^2/NDF : 1640.1/23

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

Left: -0.758 ± 0.012 χ^2/NDF : 4083.5/46

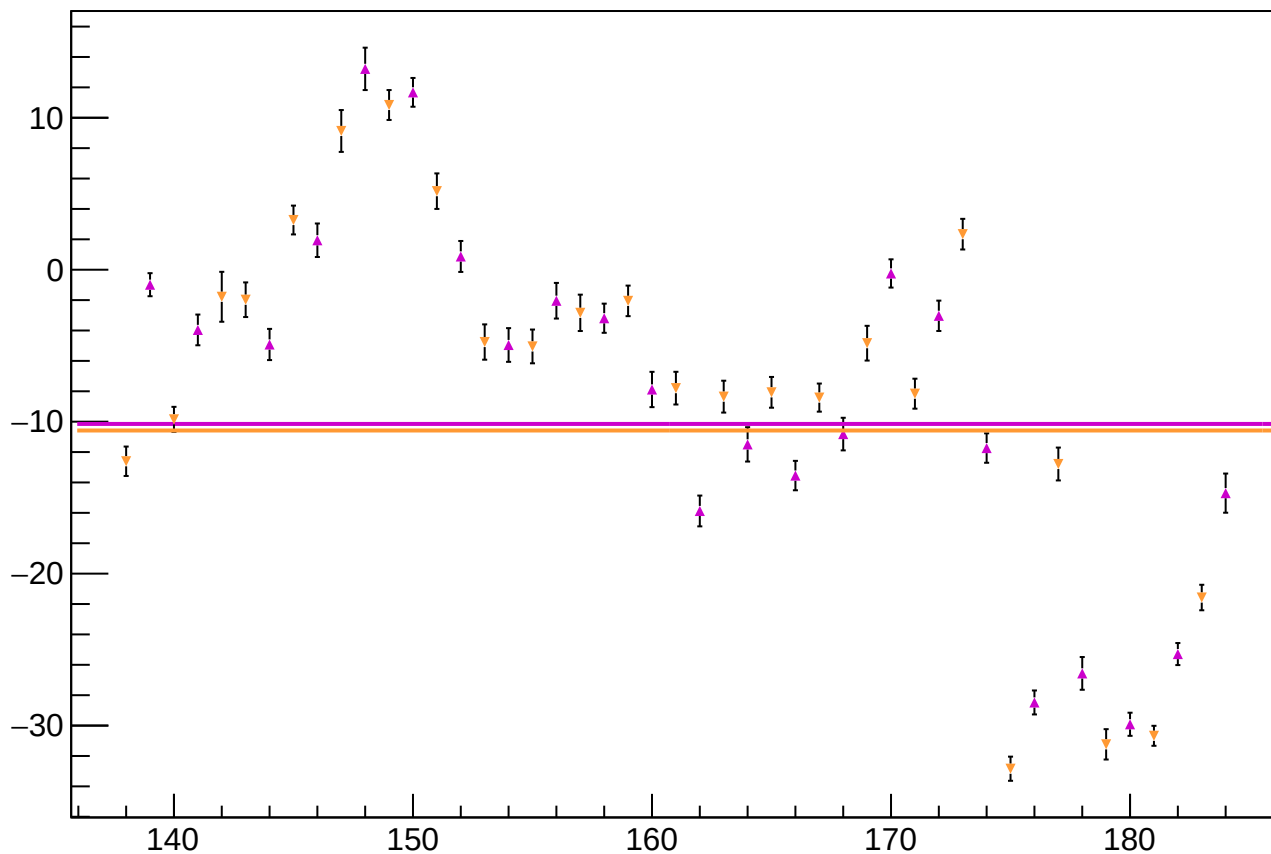
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.756 ± 0.016 χ^2/NDF : 3136.9/39

Out: -0.881 ± 0.016 χ^2/NDF : 2700.0/42

All: -0.819 ± 0.011 χ^2/NDF : 5868.3/82

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.580+/-0.203 χ^2/NDF :3866.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.149+/-0.204 χ^2/NDF :3491.7/22

Left: -10.365+/-0.144 χ^2/NDF : 7360.3/46

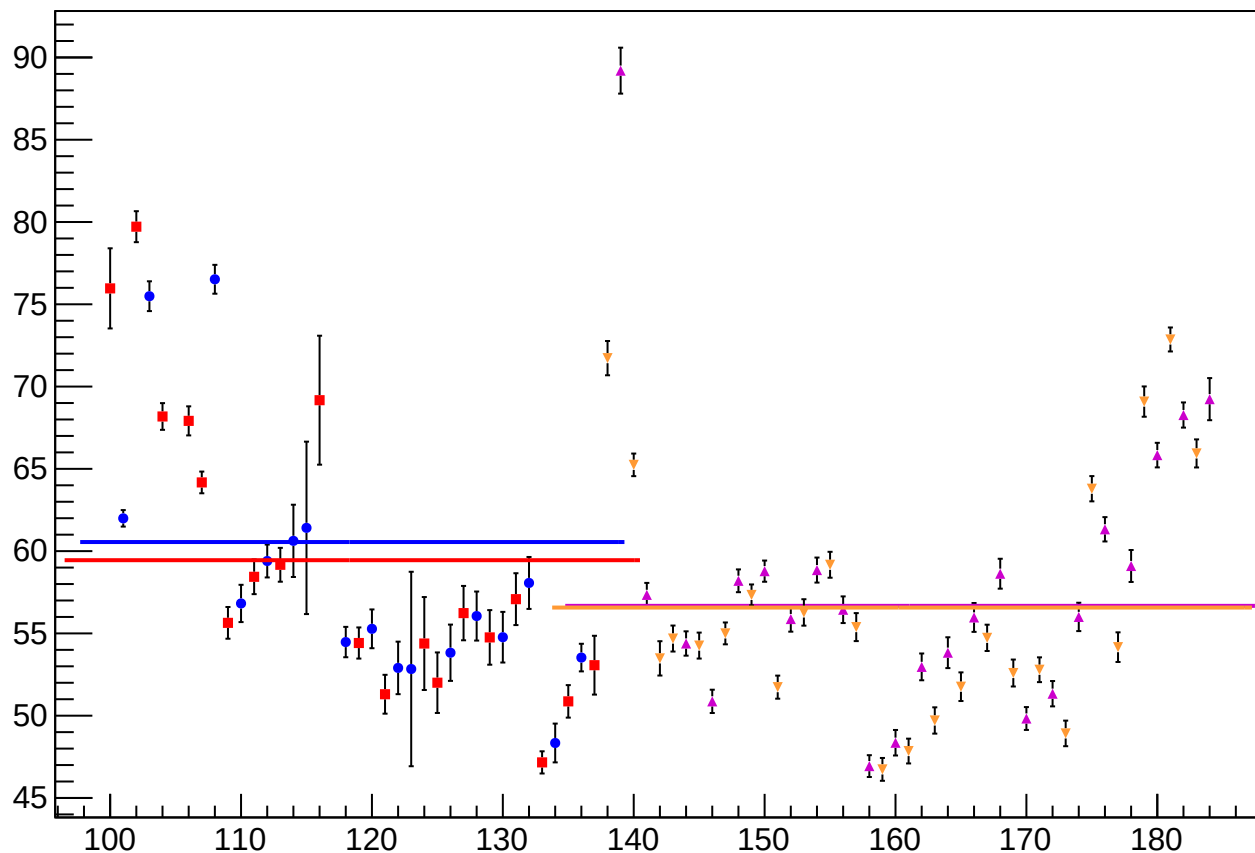
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.149+/-0.204 χ^2/NDF :3491.7/22

Out: -10.580+/-0.203 χ^2/NDF :3866.3/23

All: -10.365+/-0.144 χ^2/NDF : 7360.3/46

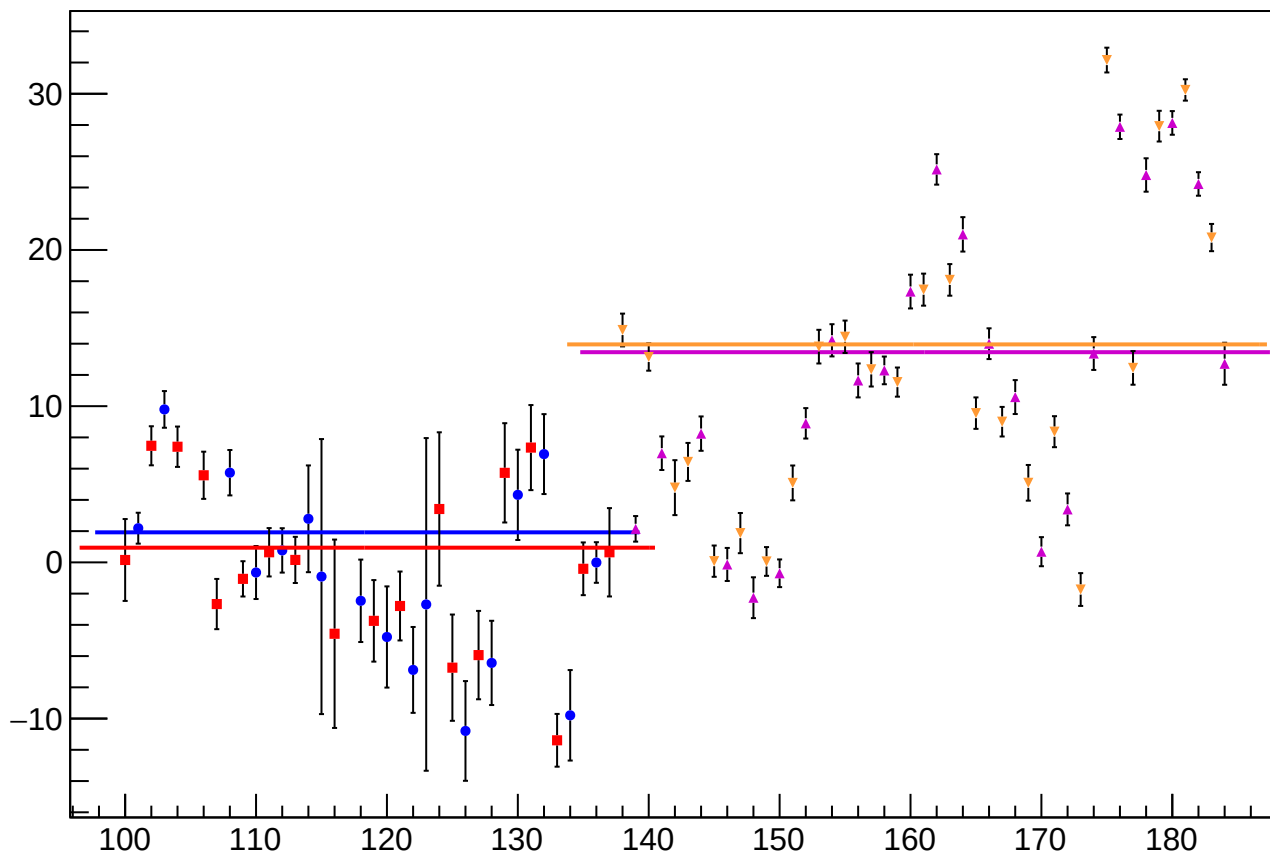
reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16
 Left Out: 56.571 $\pm$ 0.160 χ^2 /NDF:1953.5/23
 Right Out: 59.449 $\pm$ 0.248 χ^2 /NDF: 1321.3/18
 Left In: 56.674 $\pm$ 0.165 χ^2 /NDF:1679.8/22

Left: 56.621 $\pm$ 0.115 χ^2 /NDF: 3633.5/46
 Right: 59.970 $\pm$ 0.180 χ^2 /NDF: 2261.6/35
 In: 57.774 $\pm$ 0.139 χ^2 /NDF:2768.0/39
 Out: 57.419 $\pm$ 0.134 χ^2 /NDF:3370.1/42
 All: 57.590 $\pm$ 0.097 χ^2 /NDF: 6141.4/82

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 13.955 ± 0.203 χ^2/NDF : 2396.1/23

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 13.456 ± 0.203 χ^2/NDF : 2371.9/22

Left: 13.705 ± 0.144 χ^2/NDF : 4771.0/46

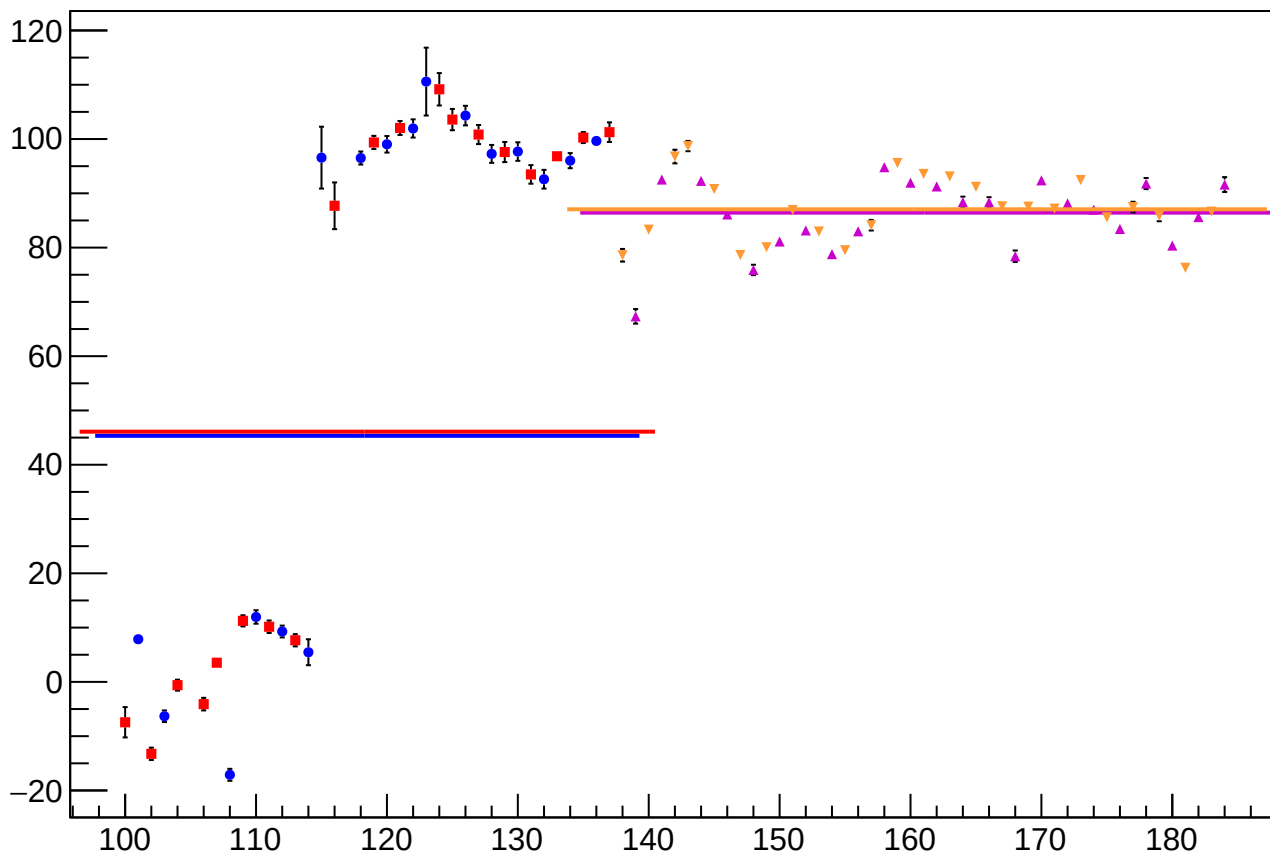
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 11.563 ± 0.186 χ^2/NDF : 3022.3/39

Out: 11.524 ± 0.183 χ^2/NDF : 3312.4/42

All: 11.543 ± 0.130 χ^2/NDF : 6334.7/82

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.058 $\pm$ 0.181 χ^2 /NDF:1084.4/23

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

Left: 86.757 $\pm$ 0.129 χ^2 /NDF: 2128.7/46

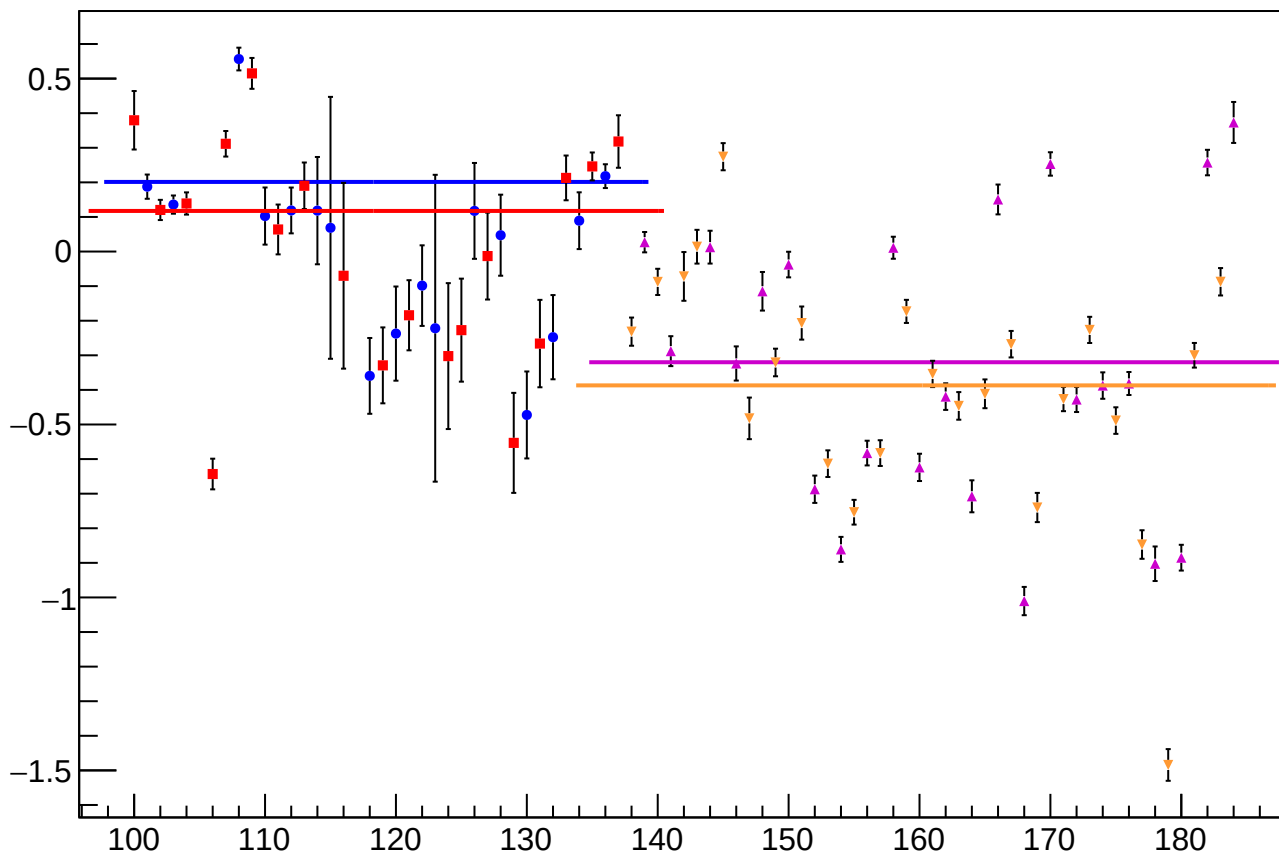
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 75.399 $\pm$ 0.157 χ^2 /NDF:39457.3/39

Out: 75.574 $\pm$ 0.153 χ^2 /NDF:43790.7/42

All: 75.489 $\pm$ 0.110 χ^2 /NDF: 83248.5/82

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.387 ± 0.008 χ^2/NDF : 1546.1/23

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

Left: -0.353 ± 0.006 χ^2/NDF : 3904.5/46

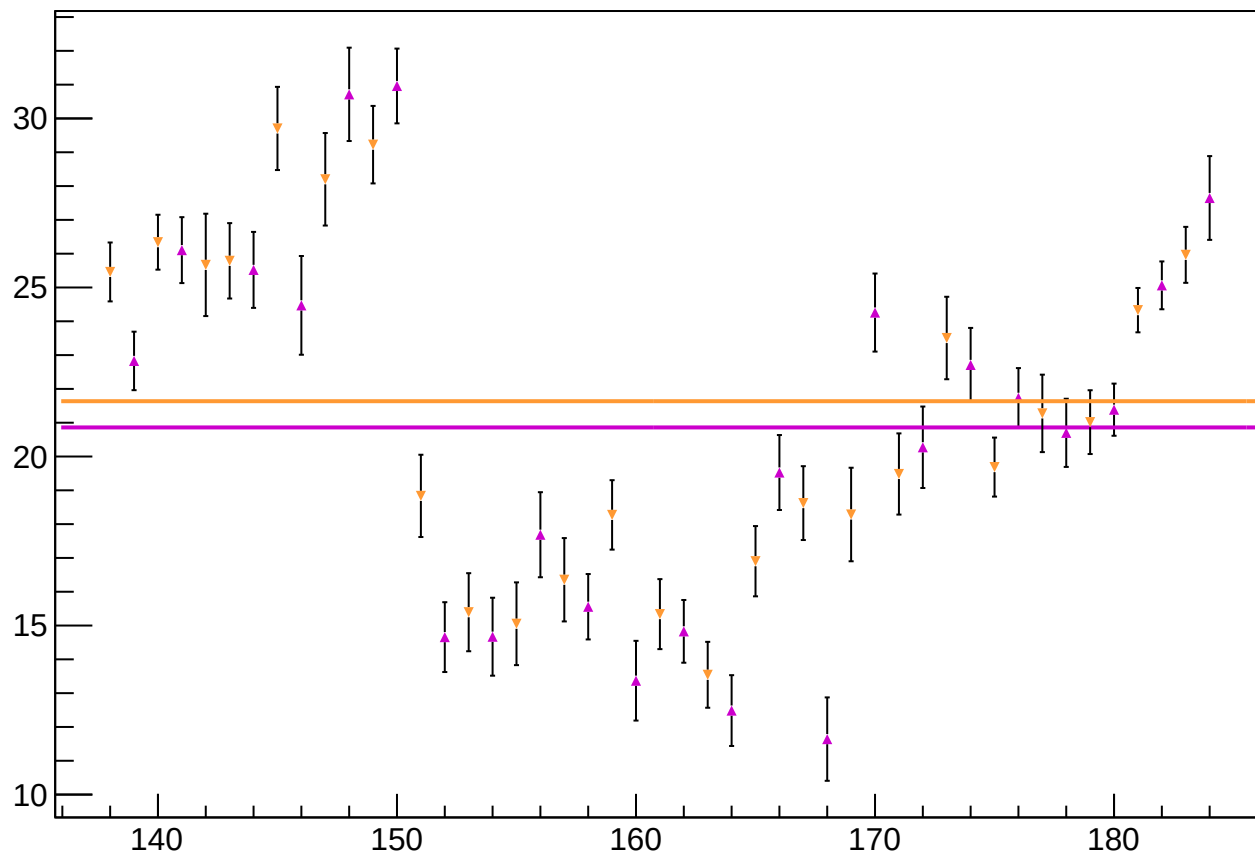
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.189 ± 0.007 χ^2/NDF : 3573.4/39

Out: -0.243 ± 0.007 χ^2/NDF : 3119.0/42

All: -0.216 ± 0.005 χ^2/NDF : 6722.6/82

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: 21.636 $\pm$ 0.212 χ^2 /NDF:471.6/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.860 $\pm$ 0.216 χ^2 /NDF:575.5/22

Left: 21.256 $\pm$ 0.151 χ^2 /NDF: 1053.7/46

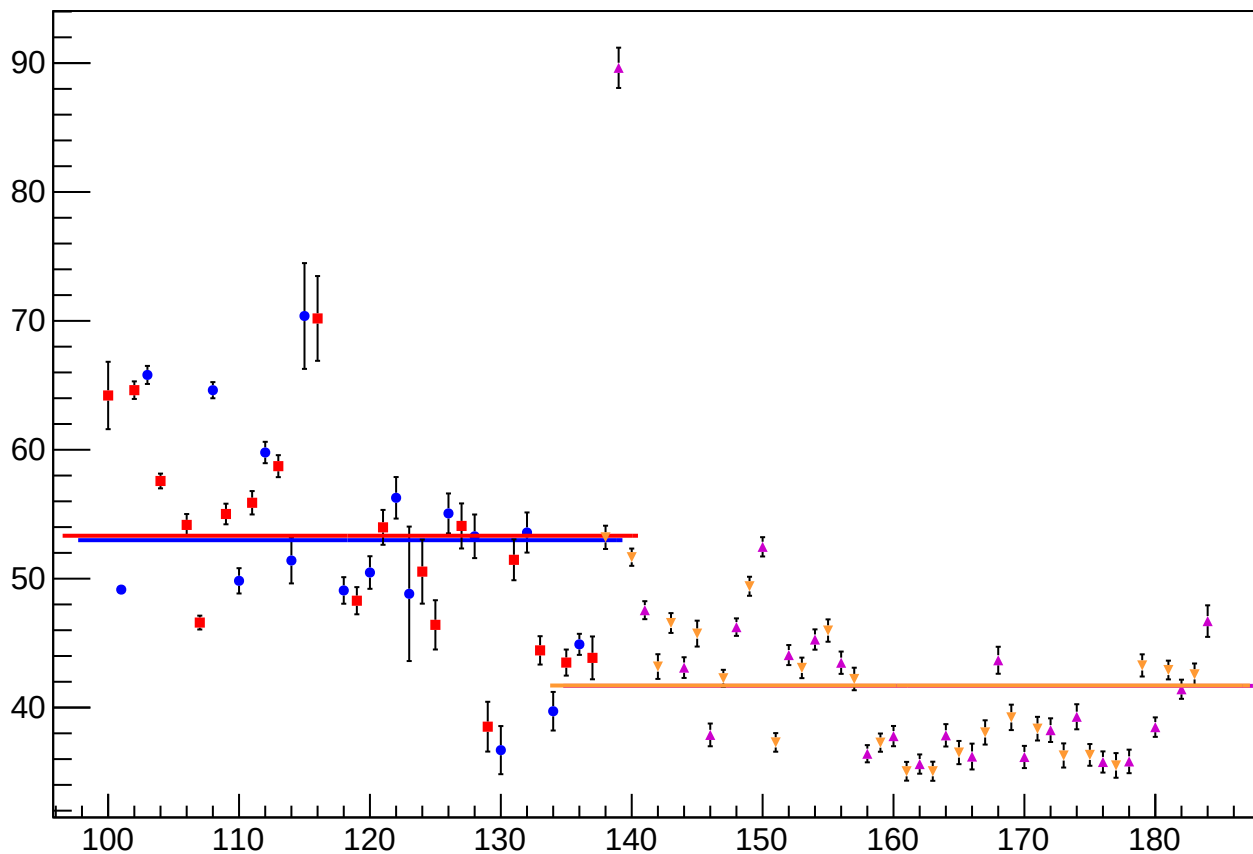
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 20.860 $\pm$ 0.216 χ^2 /NDF:575.5/22

Out: 21.636 $\pm$ 0.212 χ^2 /NDF:471.6/23

All: 21.256 $\pm$ 0.151 χ^2 /NDF: 1053.7/46

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 41.710 $\pm$ 0.166 χ^2 /NDF:1010.2/23

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 41.682 $\pm$ 0.173 χ^2 /NDF:1715.9/22

Left: 41.697 $\pm$ 0.120 χ^2 /NDF: 2726.1/46

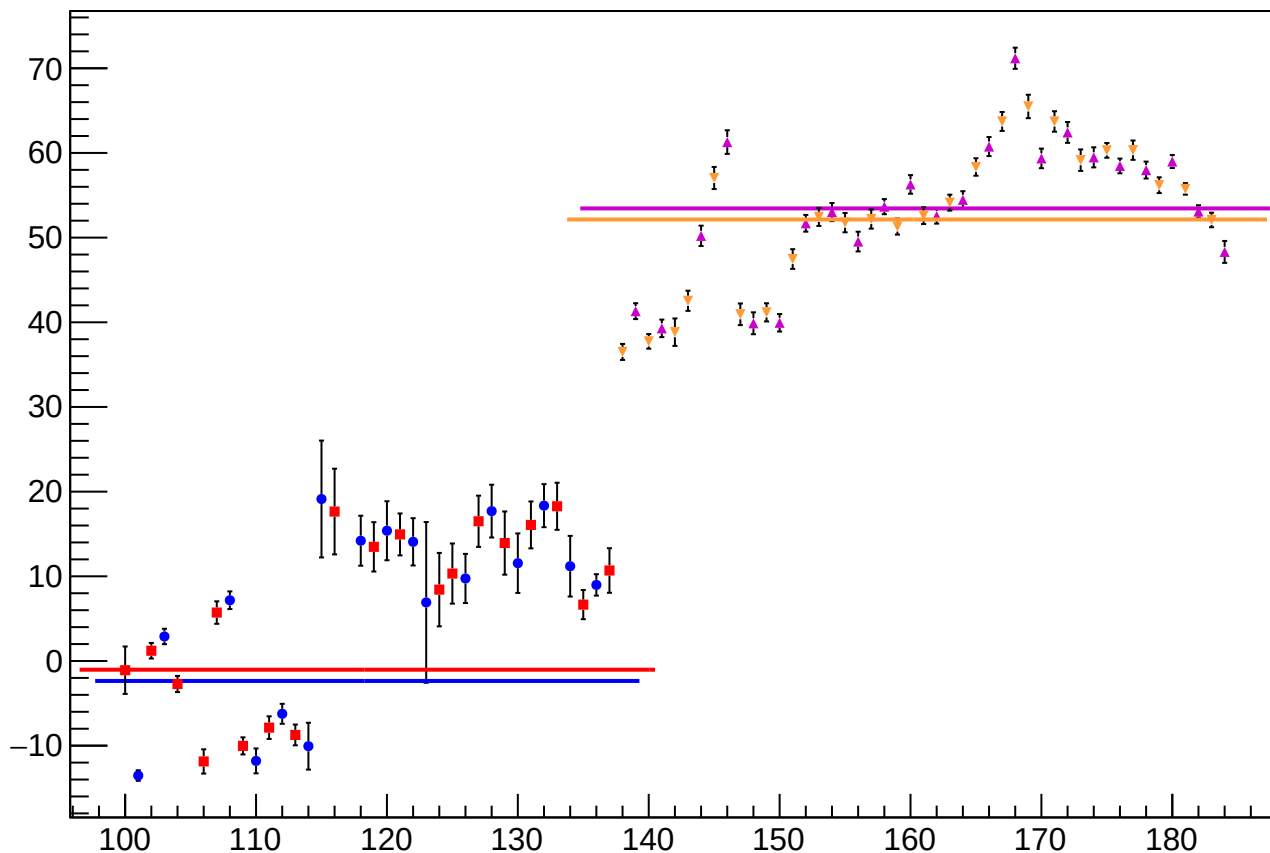
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 46.257 $\pm$ 0.134 χ^2 /NDF:4633.1/39

Out: 45.784 $\pm$ 0.134 χ^2 /NDF:3593.1/42

All: 46.021 $\pm$ 0.095 χ^2 /NDF: 8232.4/82

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 52.141 ± 0.212 χ^2/NDF : 1446.1/23

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

Left: 52.785 ± 0.151 χ^2/NDF : 2632.5/46

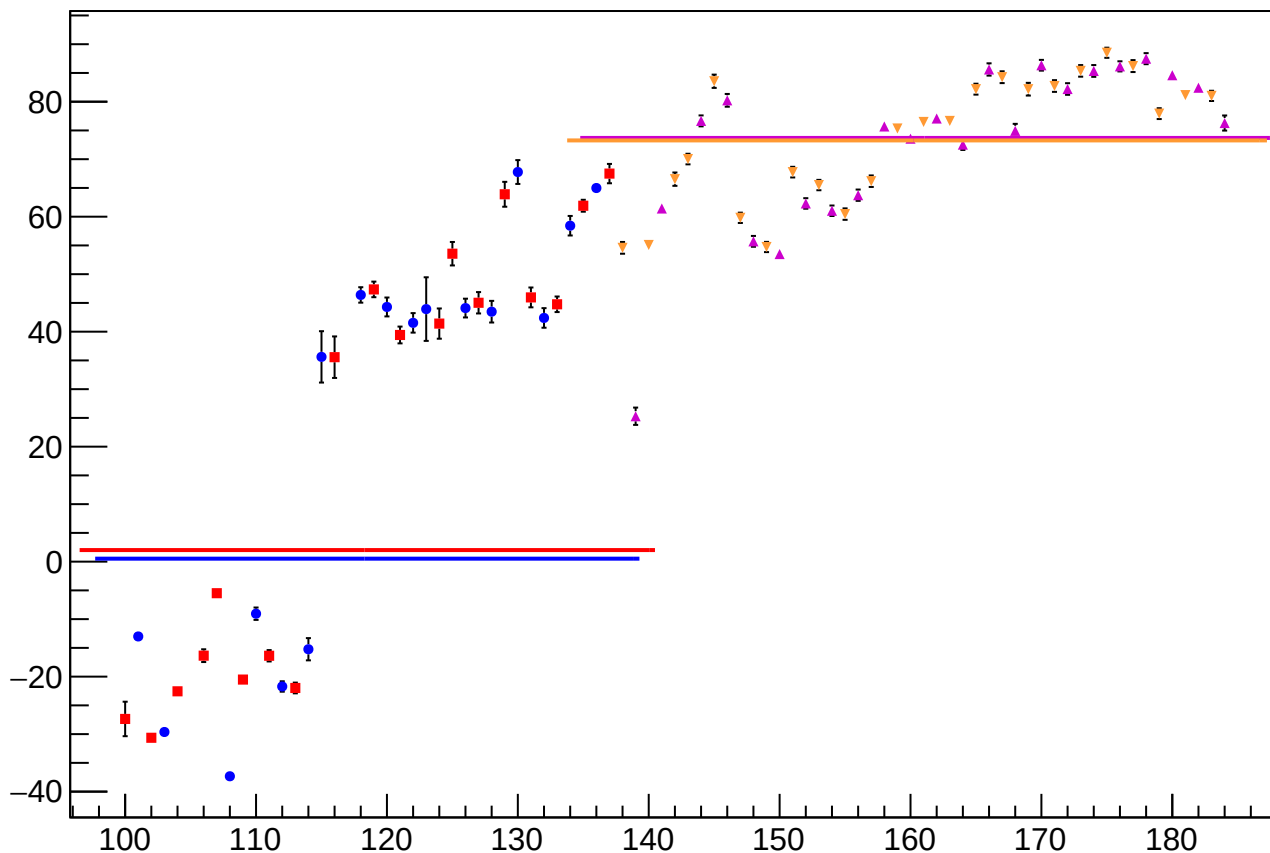
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 39.078 ± 0.185 χ^2/NDF : 19446.2/39

Out: 39.393 ± 0.185 χ^2/NDF : 17092.4/42

All: 39.236 ± 0.131 χ^2/NDF : 36540.1/82

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 73.266+/-0.188 χ^2/NDF : 3144.7/23

Right Out: 2.013+/-0.266 χ^2/NDF : 15473.7/18

Left In: 73.699+/-0.194 χ^2/NDF : 3901.1/22

Left: 73.476+/-0.135 χ^2/NDF : 7048.3/46

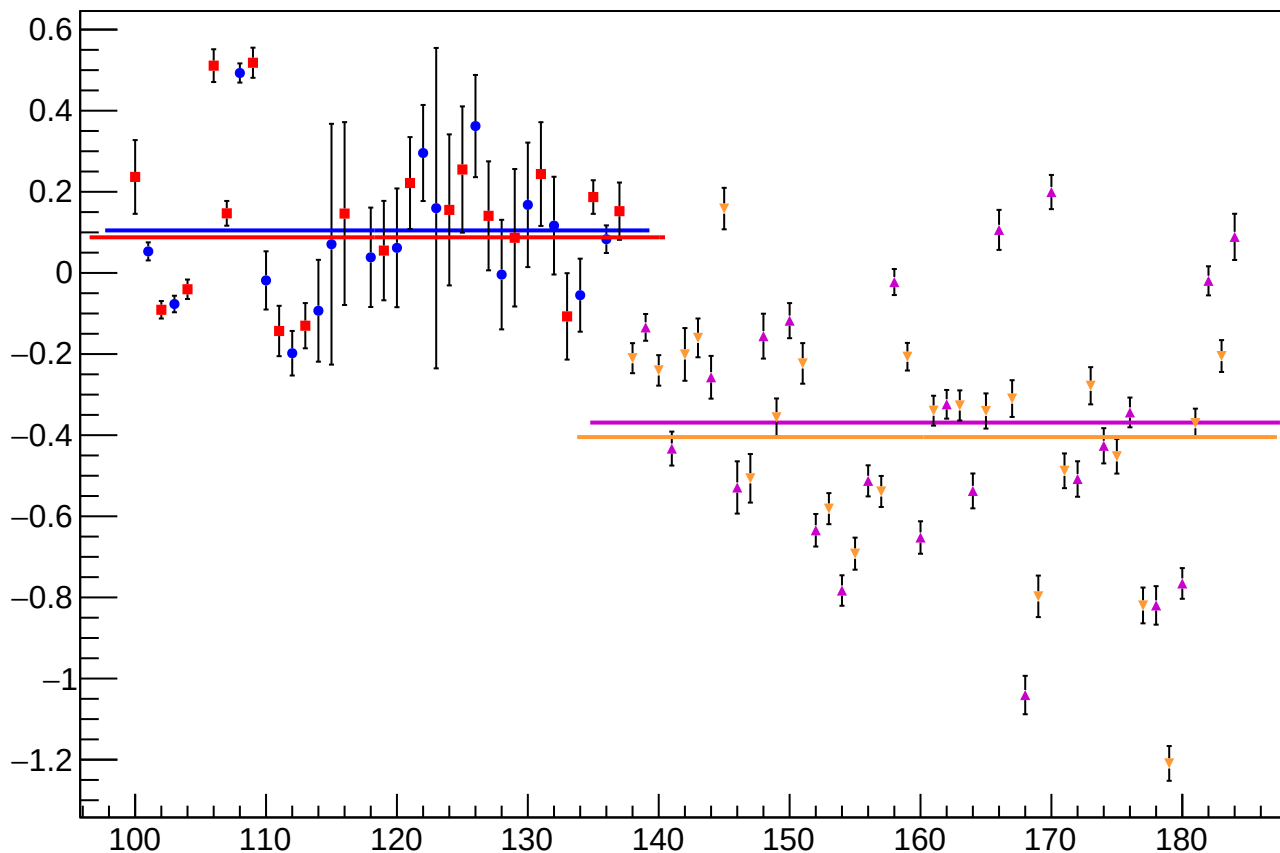
Right: 1.209+/-0.181 χ^2/NDF : 33876.6/35

In: 45.793+/-0.152 χ^2/NDF : 76627.2/39

Out: 49.540+/-0.154 χ^2/NDF : 66354.5/42

All: 47.652+/-0.108 χ^2/NDF : 143281.1/82

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.405 ± 0.009 $\chi^2/\text{NDF}: 894.8/23$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.369 ± 0.009 $\chi^2/\text{NDF}: 1322.7/22$

Left: -0.387 ± 0.006 $\chi^2/\text{NDF}: 2226.1/46$

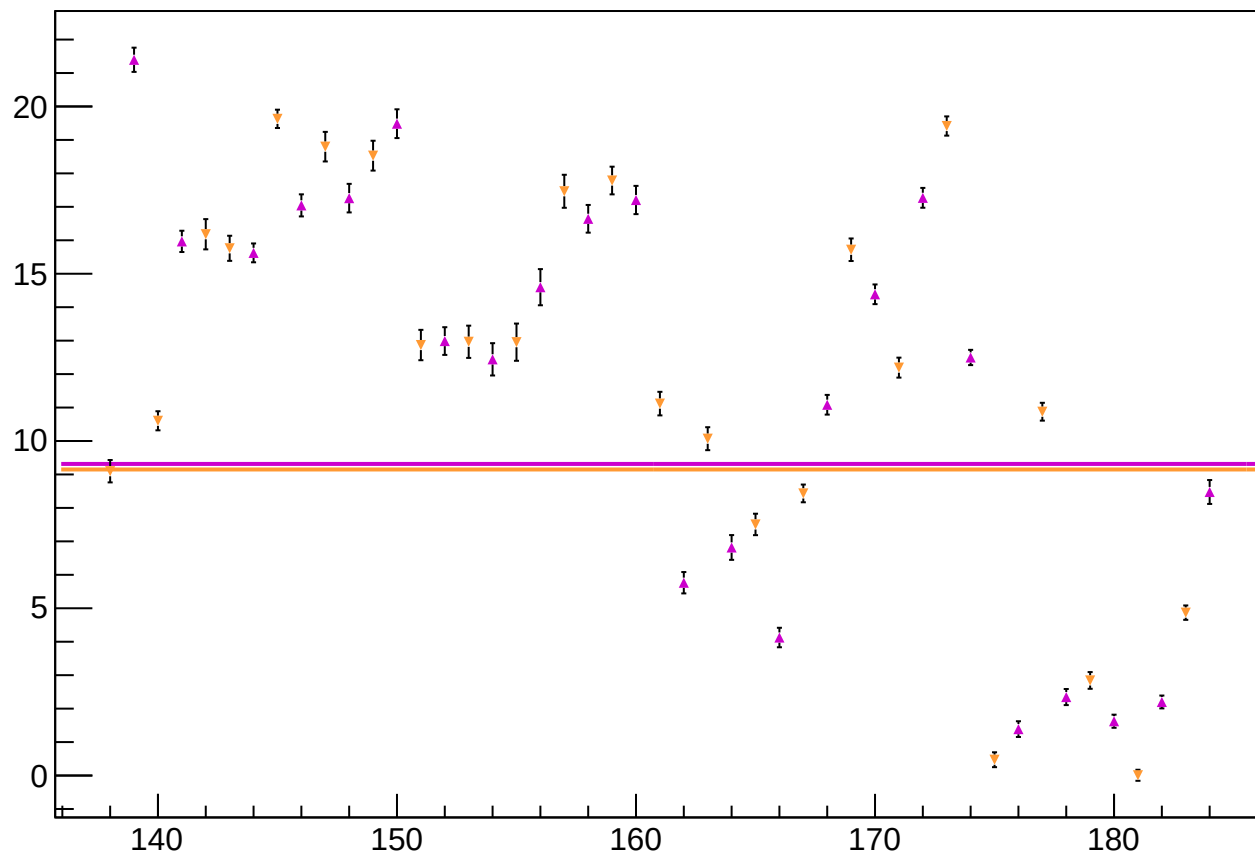
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.188 ± 0.007 $\chi^2/\text{NDF}: 2864.3/39$

Out: -0.217 ± 0.007 $\chi^2/\text{NDF}: 2526.4/42$

All: -0.203 ± 0.005 $\chi^2/\text{NDF}: 5399.6/82$

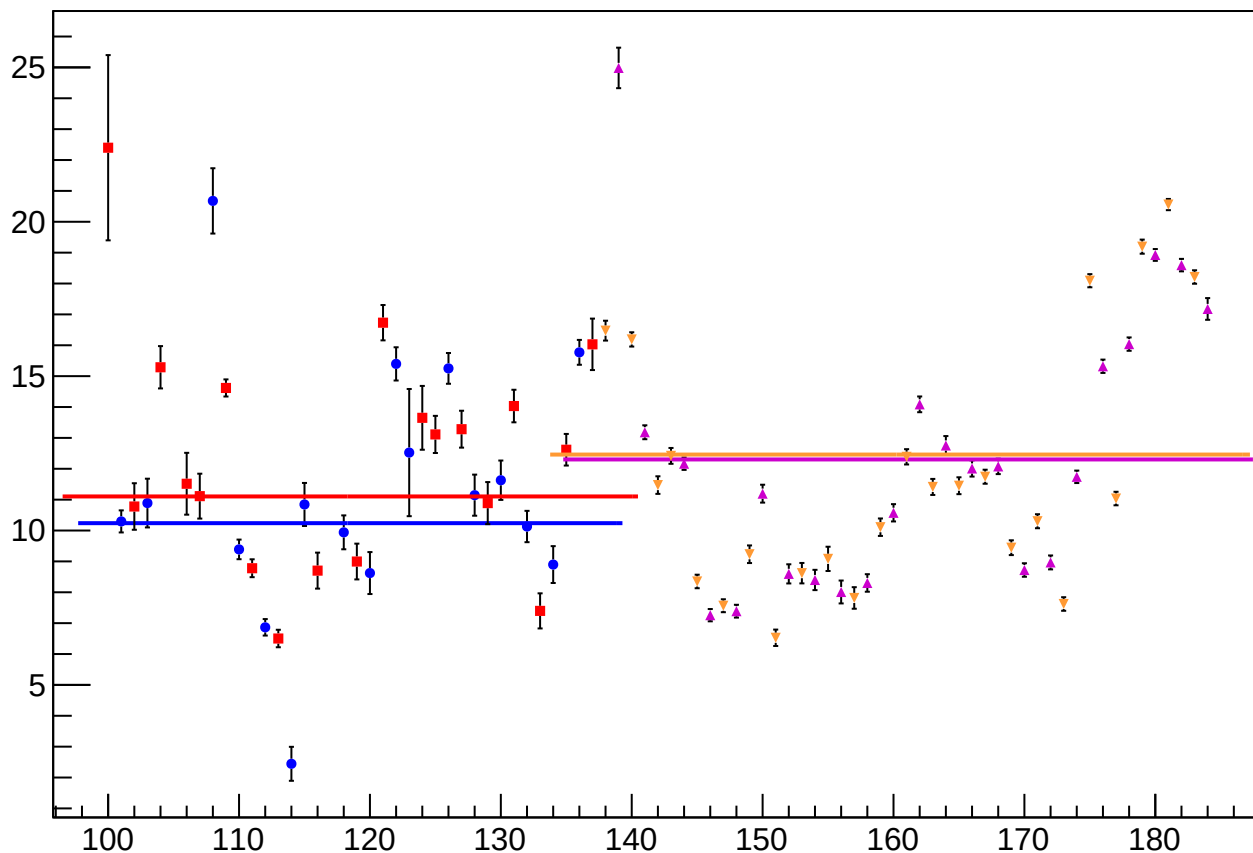
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.149+/-0.062 χ^2/NDF :11348.0/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.315+/-0.063 χ^2/NDF :11007.3/22

Left: 9.231+/-0.044 χ^2/NDF : 22358.8/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.315+/-0.063 χ^2/NDF :11007.3/22
 Out: 9.149+/-0.062 χ^2/NDF :11348.0/23
 All: 9.231+/-0.044 χ^2/NDF : 22358.8/46

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 12.460 $\pm$ 0.050 χ^2 /NDF: 7464.5/23

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 12.302 $\pm$ 0.051 χ^2 /NDF: 5661.3/22

Left: 12.382 $\pm$ 0.036 χ^2 /NDF: 13130.6/46

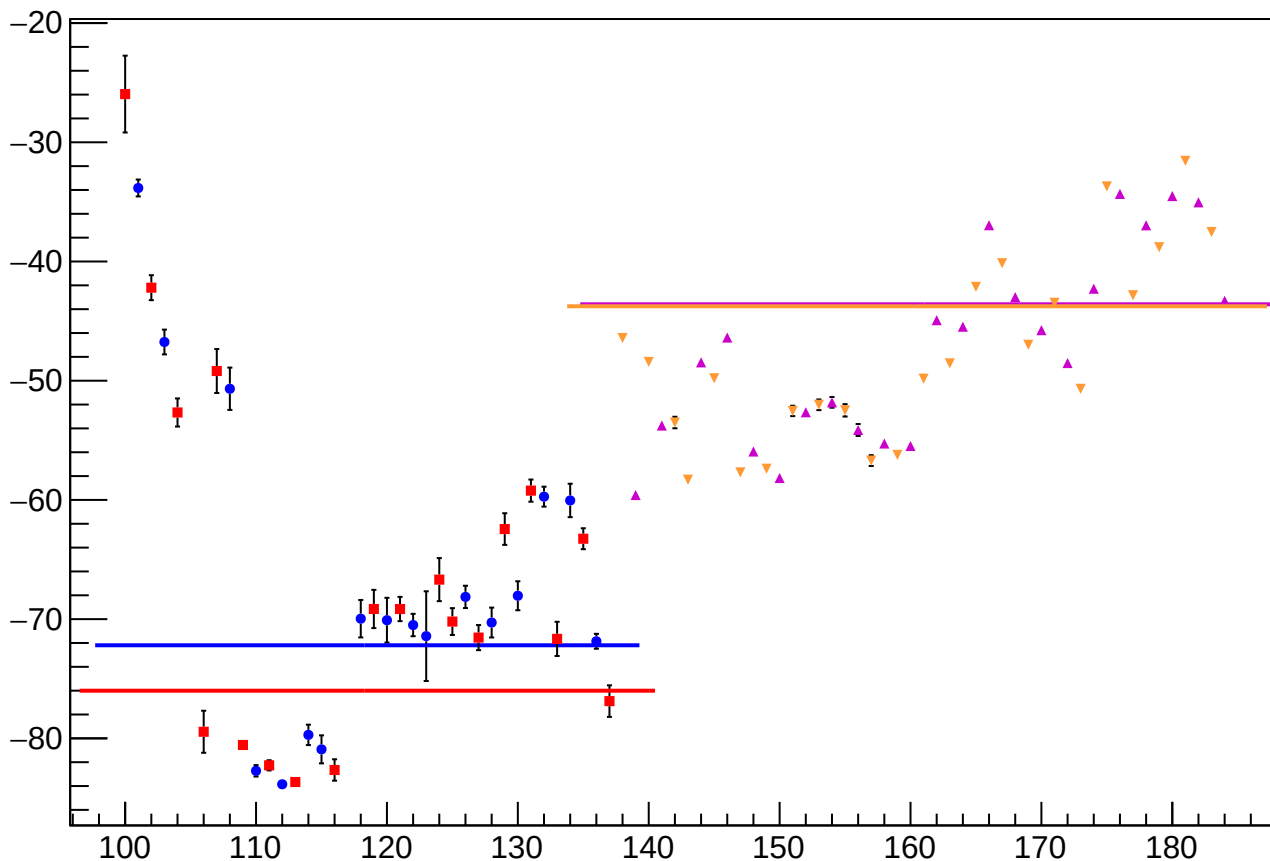
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 11.982 $\pm$ 0.047 χ^2 /NDF: 6782.1/39

Out: 12.247 $\pm$ 0.046 χ^2 /NDF: 8394.3/42

All: 12.117 $\pm$ 0.033 χ^2 /NDF: 15192.6/82

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -43.756 ± 0.063 χ^2/NDF : 17190.6/23

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18

Left In: -43.591 ± 0.063 χ^2/NDF : 15574.9/22

Left: -43.674 ± 0.044 χ^2/NDF : 32768.9/46

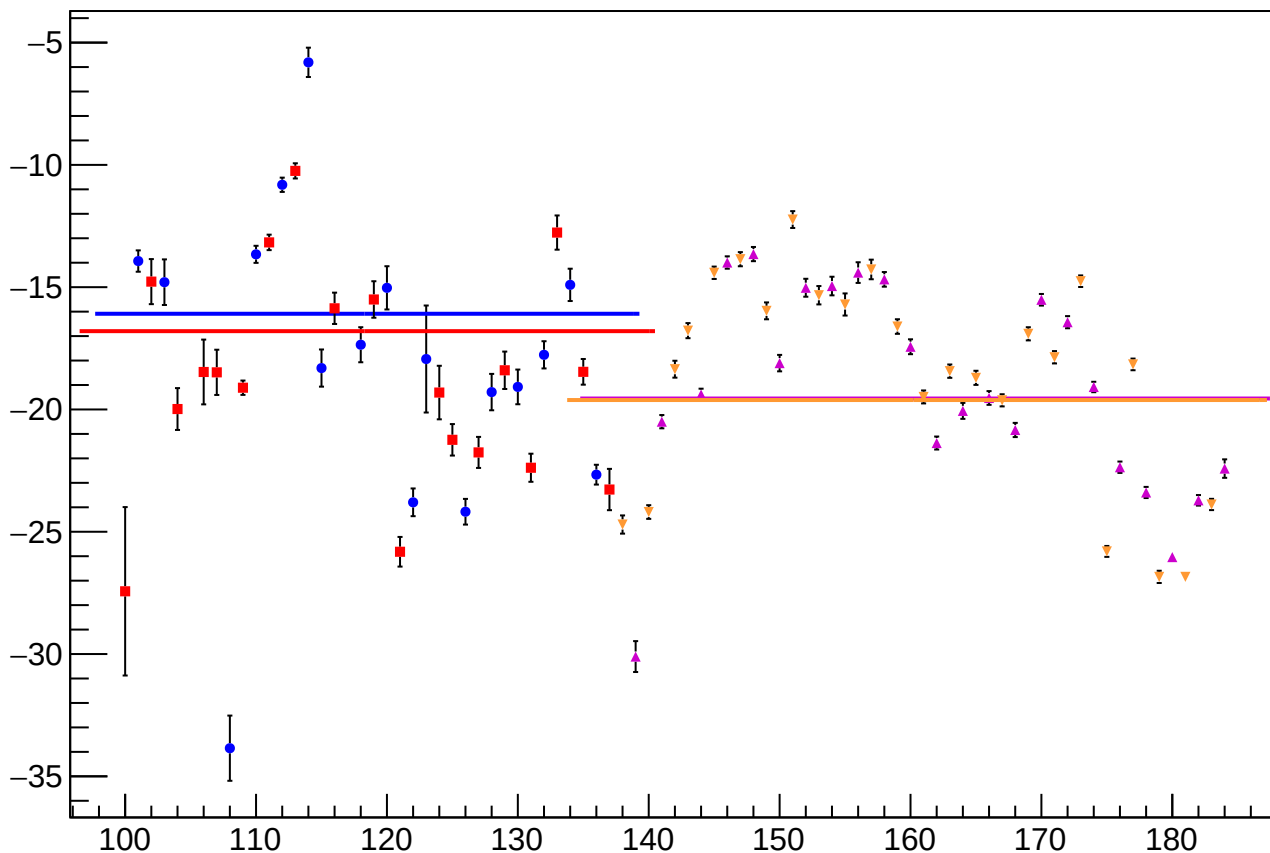
Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35

In: -46.223 ± 0.060 χ^2/NDF : 40057.7/39

Out: -47.205 ± 0.059 χ^2/NDF : 49018.9/42

All: -46.721 ± 0.042 χ^2/NDF : 89212.2/82

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -19.615 ± 0.056 $\chi^2/\text{NDF}: 6384.9/23$
 Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$
 Left In: -19.552 ± 0.057 $\chi^2/\text{NDF}: 4359.1/22$

Left: -19.584 ± 0.040 $\chi^2/\text{NDF}: 10744.5/46$

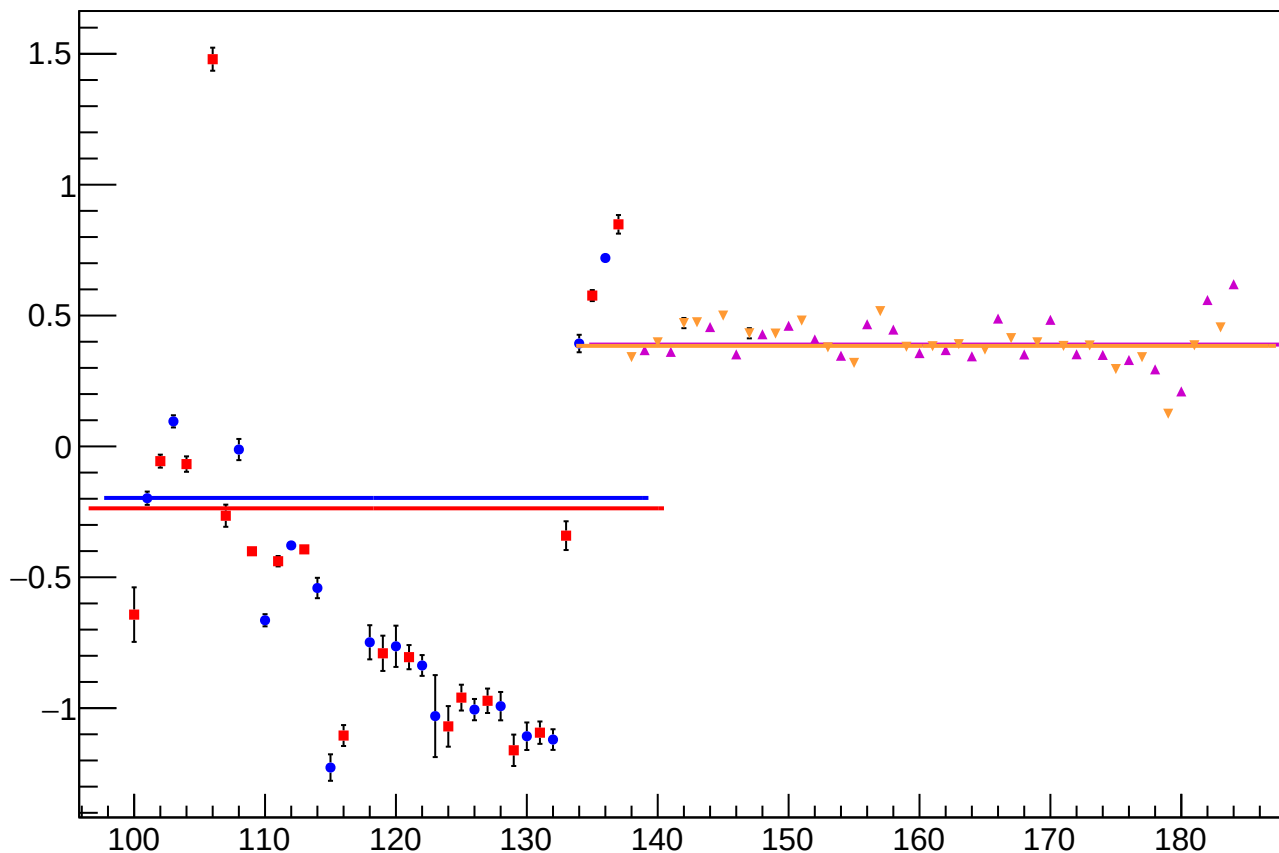
Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$

In: -19.008 ± 0.052 $\chi^2/\text{NDF}: 6558.2/39$

Out: -19.158 ± 0.052 $\chi^2/\text{NDF}: 8003.6/42$

All: -19.084 ± 0.037 $\chi^2/\text{NDF}: 14565.9/82$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.384 ± 0.003 χ^2/NDF : 951.9/23

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

Left: 0.387 ± 0.002 χ^2/NDF : 2210.7/46

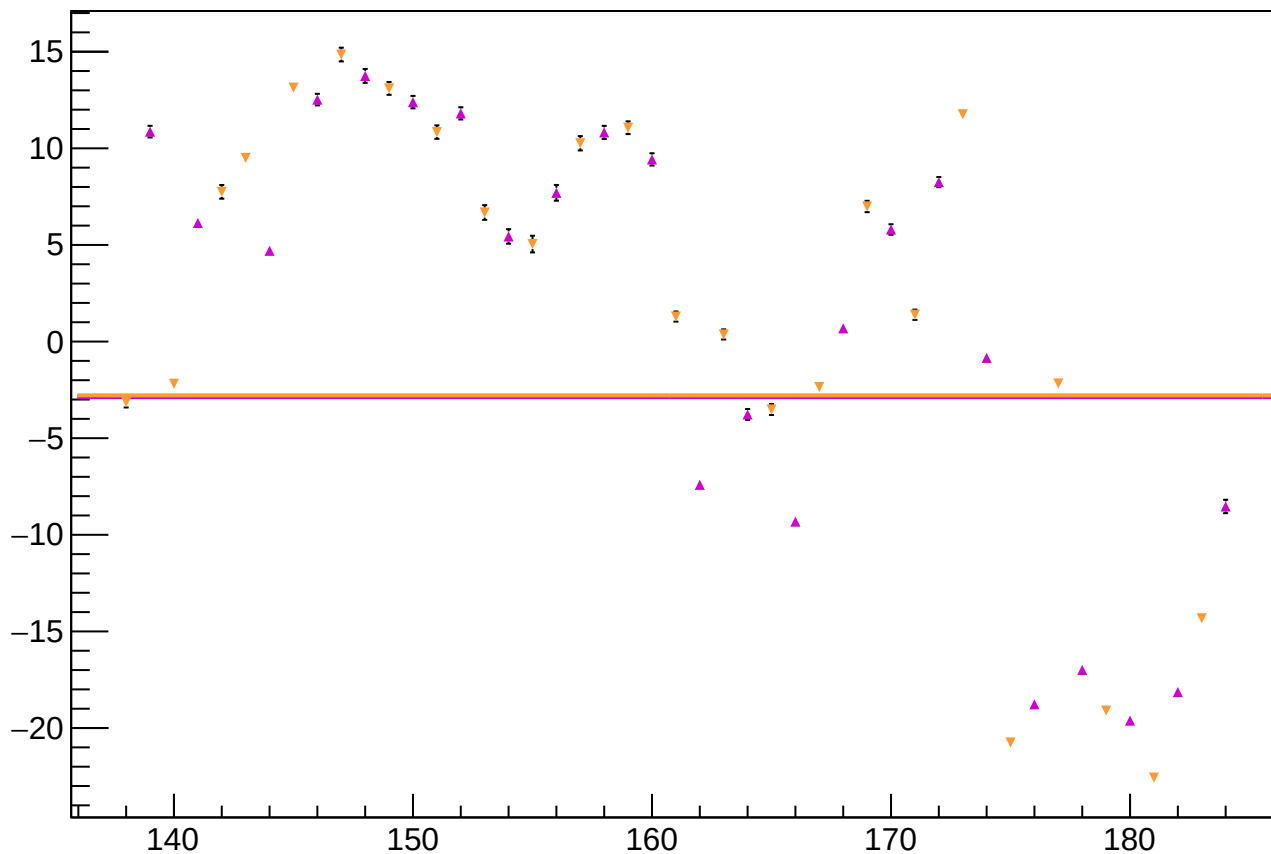
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.327 ± 0.002 χ^2/NDF : 12970.4/39

Out: 0.312 ± 0.002 χ^2/NDF : 13795.8/42

All: 0.319 ± 0.002 χ^2/NDF : 26783.5/82

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.785+/-0.053 χ^2/NDF : 53866.7/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.876+/-0.055 χ^2/NDF : 46380.9/22

Left: -2.829+/-0.038 χ^2/NDF : 100249.1/46

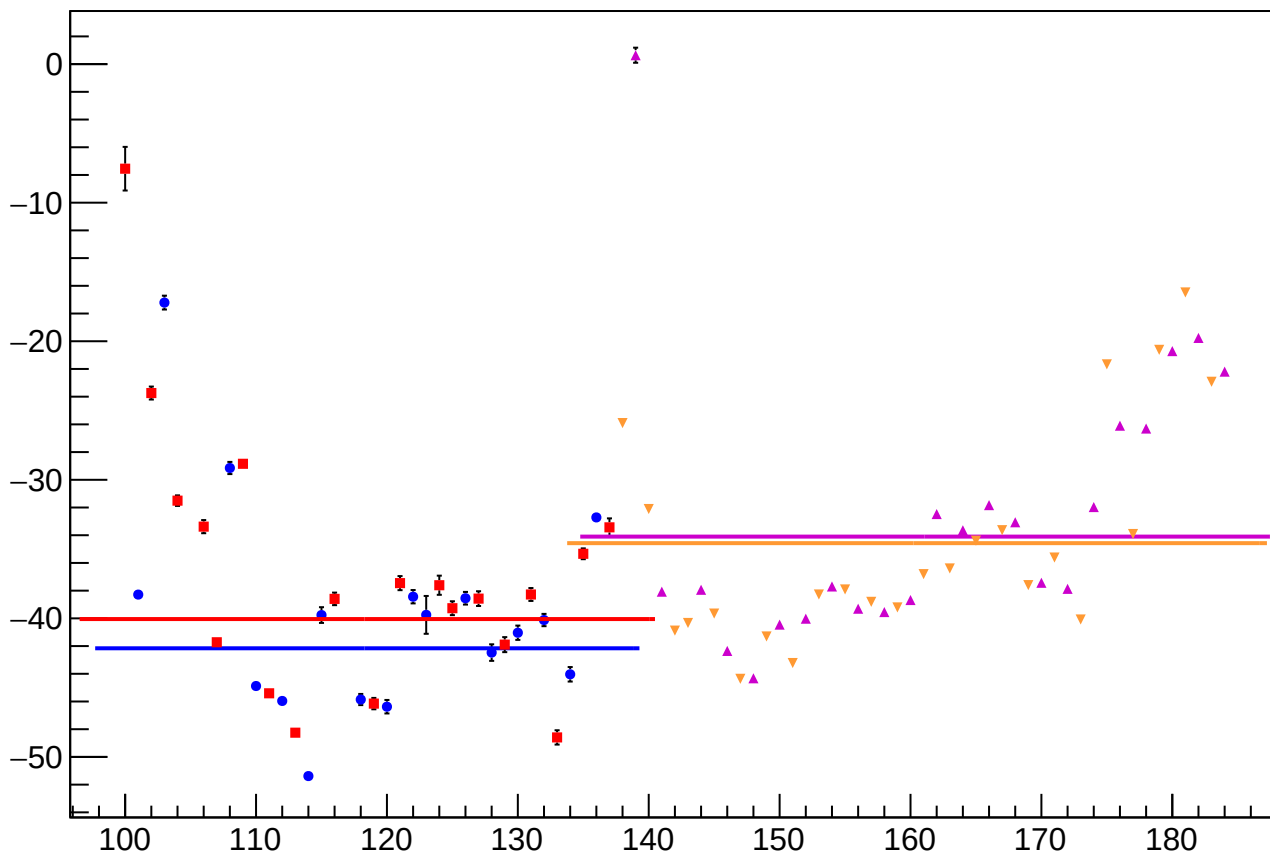
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.876+/-0.055 χ^2/NDF : 46380.9/22

Out: -2.785+/-0.053 χ^2/NDF : 53866.7/23

All: -2.829+/-0.038 χ^2/NDF : 100249.1/46

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -34.572 ± 0.042 $\chi^2/\text{NDF}: 34483.2/23$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -34.099 ± 0.044 $\chi^2/\text{NDF}: 29370.6/22$

Left: -34.345 ± 0.030 $\chi^2/\text{NDF}: 63914.4/46$

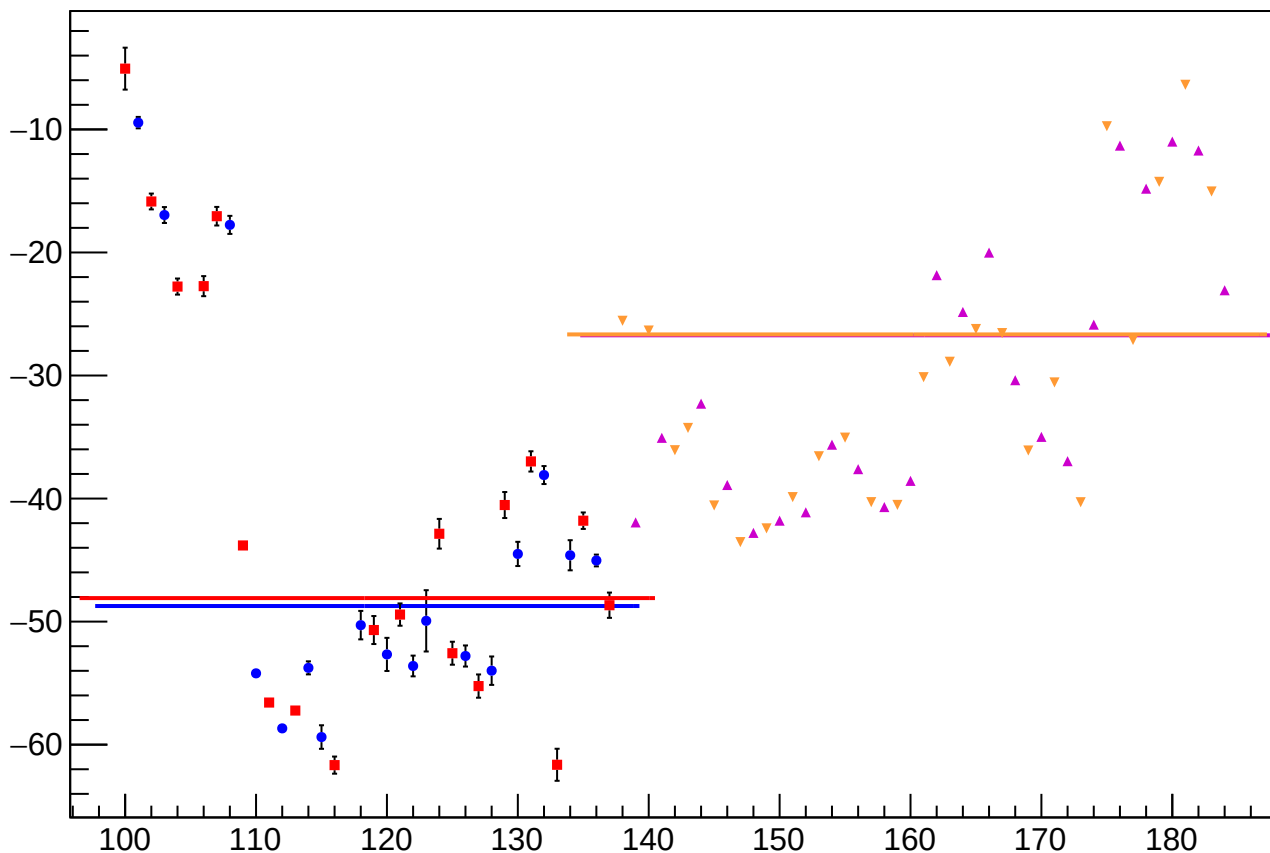
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -36.038 ± 0.038 $\chi^2/\text{NDF}: 44070.2/39$

Out: -35.946 ± 0.036 $\chi^2/\text{NDF}: 50040.1/42$

All: -35.990 ± 0.026 $\chi^2/\text{NDF}: 94113.4/82$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -26.660 ± 0.054 $\chi^2/\text{NDF}: 47485.4/23$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -26.733 ± 0.055 $\chi^2/\text{NDF}: 42643.0/22$

Left: -26.696 ± 0.038 $\chi^2/\text{NDF}: 90129.3/46$

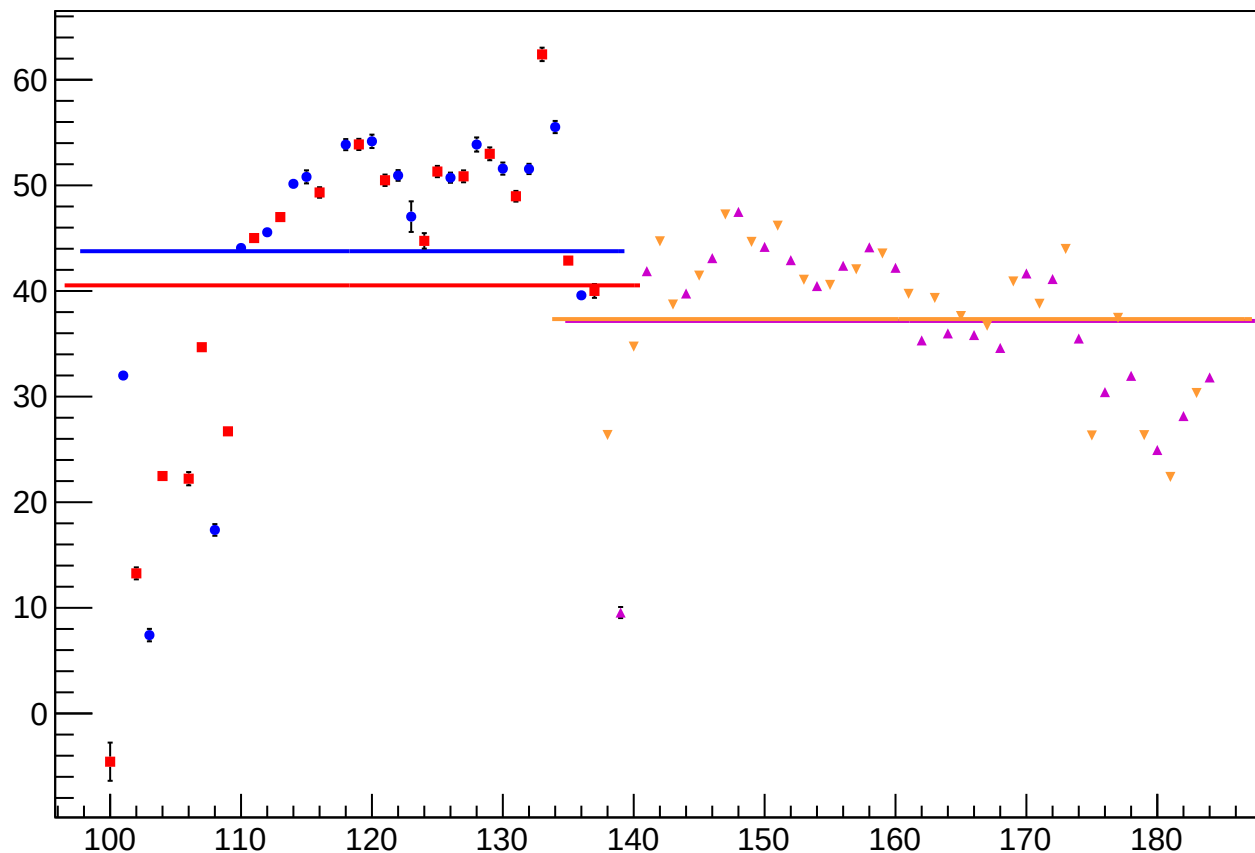
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -30.287 ± 0.050 $\chi^2/\text{NDF}: 83406.9/39$

Out: -30.952 ± 0.048 $\chi^2/\text{NDF}: 91159.8/42$

All: -30.634 ± 0.035 $\chi^2/\text{NDF}: 174658.9/82$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767+/-0.087 χ^2/NDF : 10633.5/16

Left Out: 37.339+/-0.048 χ^2/NDF : 21277.3/23

Right Out: 40.531+/-0.080 χ^2/NDF : 17580.8/18

Left In: 37.164+/-0.049 χ^2/NDF : 17427.3/22

Left: 37.255+/-0.034 χ^2/NDF : 38711.2/46

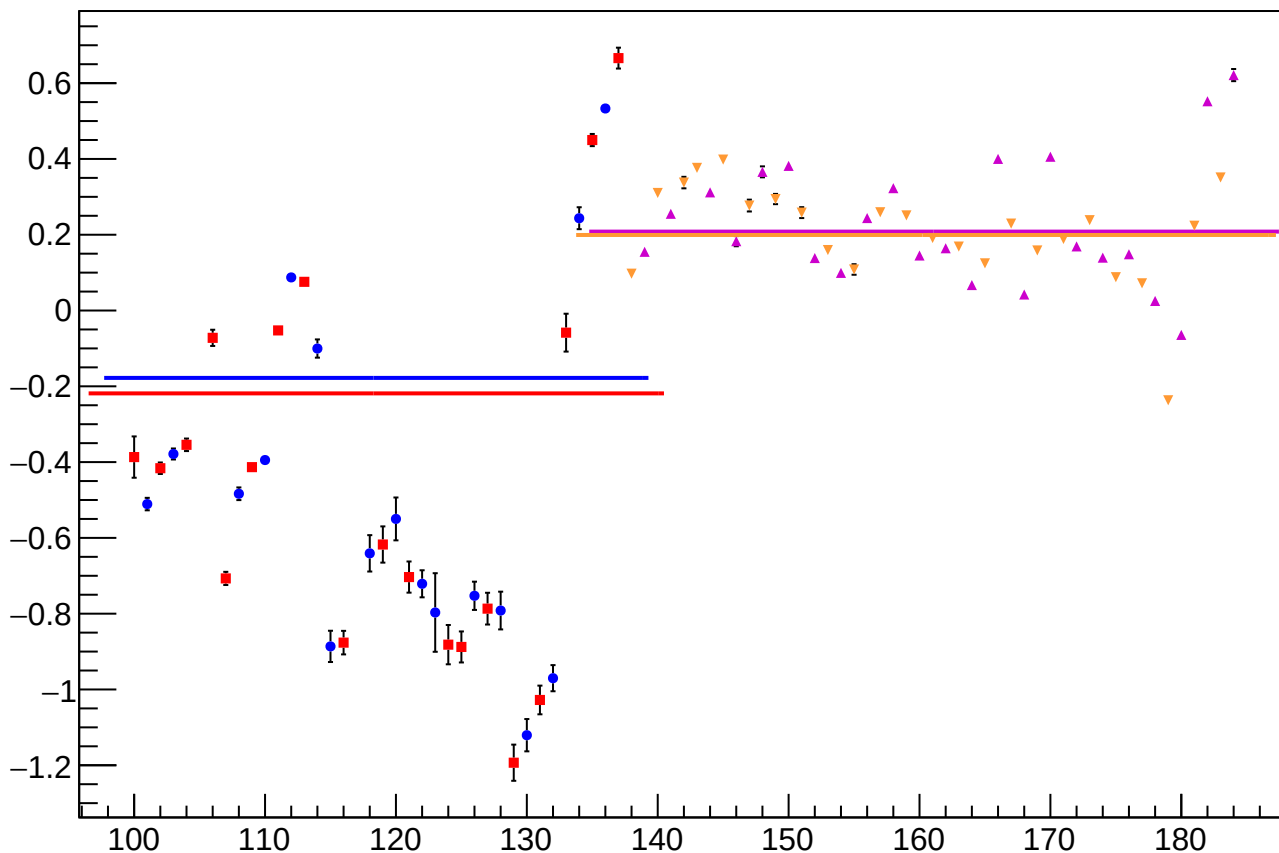
Right: 42.021+/-0.059 χ^2/NDF : 28963.8/35

In: 38.765+/-0.043 χ^2/NDF : 32442.9/39

Out: 38.170+/-0.041 χ^2/NDF : 40030.7/42

All: 38.455+/-0.030 χ^2/NDF : 72574.8/82

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.199 ± 0.002 χ^2/NDF : 3543.4/23

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

Left: 0.204 ± 0.002 χ^2/NDF : 8646.7/46

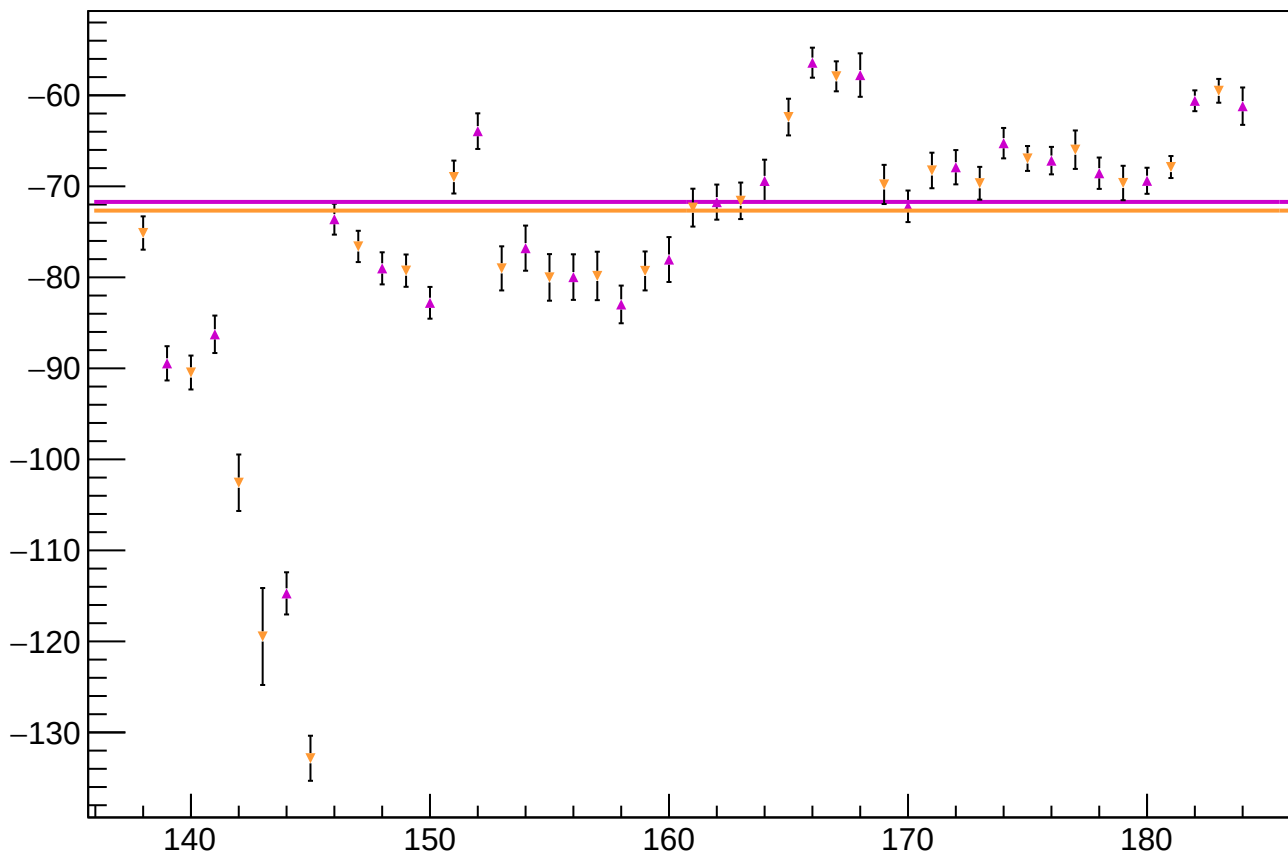
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.140 ± 0.002 χ^2/NDF : 17697.8/39

Out: 0.113 ± 0.002 χ^2/NDF : 18498.6/42

All: 0.126 ± 0.001 χ^2/NDF : 36293.2/82

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -72.667 $\pm$ 0.386 χ^2 /NDF:1172.2/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -71.713 $\pm$ 0.380 χ^2 /NDF:884.6/22

Left: -72.183 $\pm$ 0.271 χ^2 /NDF: 2060.0/46

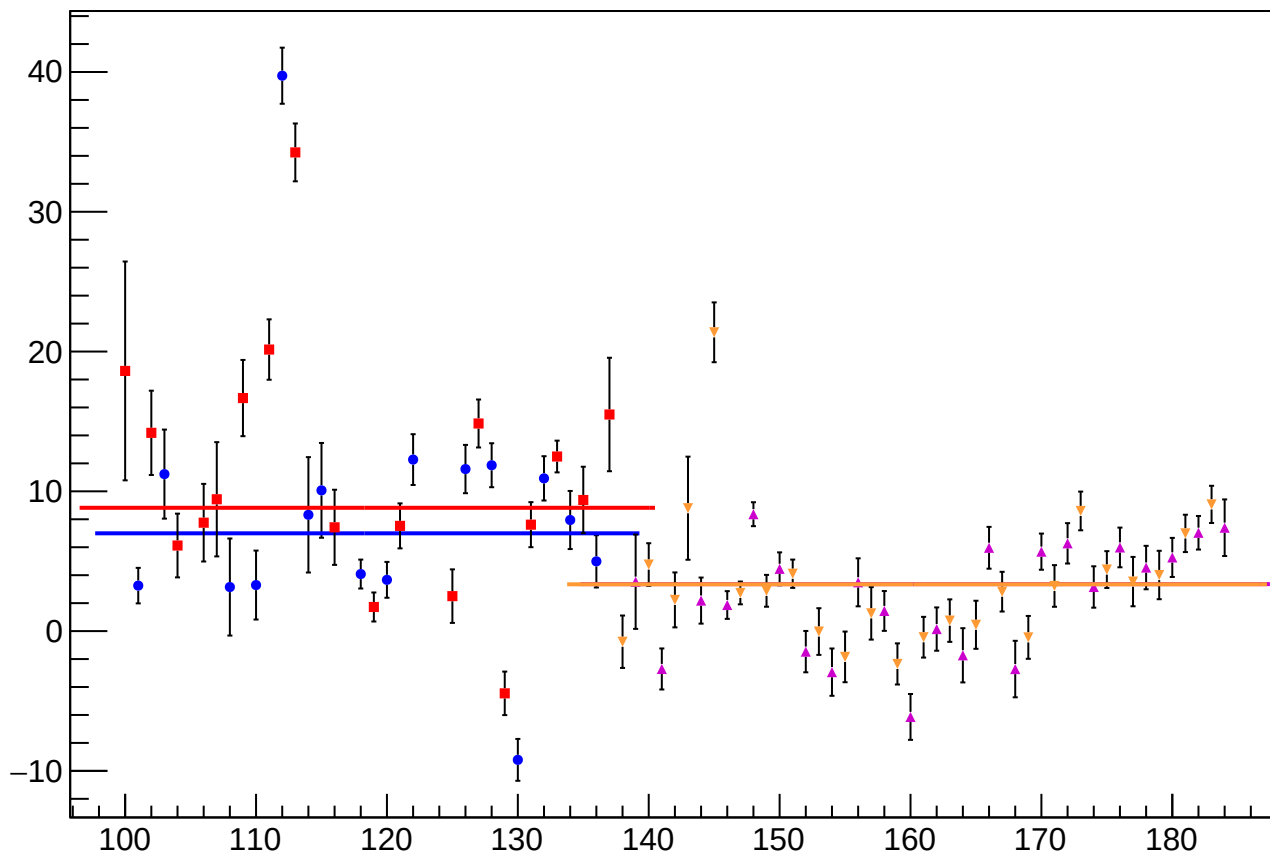
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -71.713 $\pm$ 0.380 χ^2 /NDF:884.6/22

Out: -72.667 $\pm$ 0.386 χ^2 /NDF:1172.2/23

All: -72.183 $\pm$ 0.271 χ^2 /NDF: 2060.0/46

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.348 ± 0.296 $\chi^2/\text{NDF}: 168.8/23$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.360 ± 0.298 $\chi^2/\text{NDF}: 164.5/22$

Left: 3.354 ± 0.210 $\chi^2/\text{NDF}: 333.3/46$

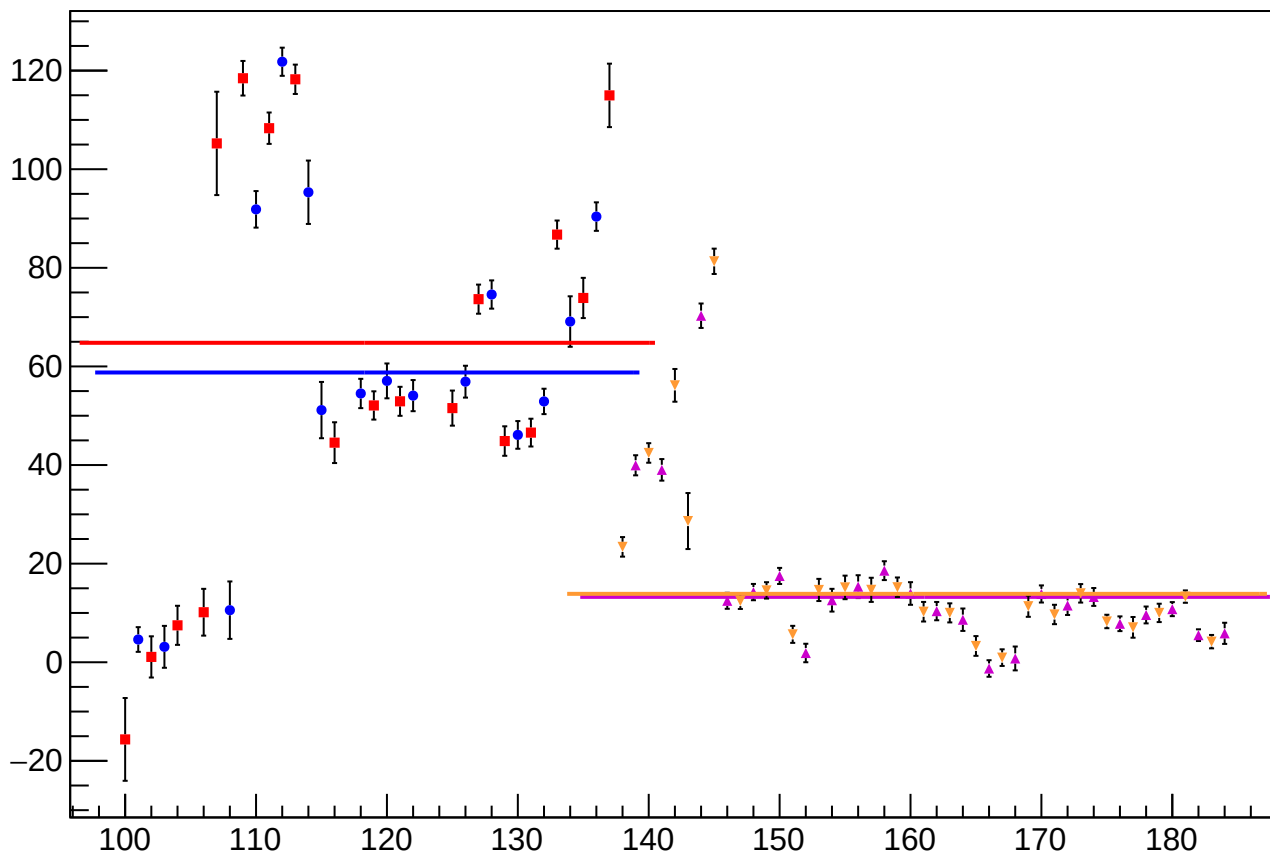
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.522 ± 0.245 $\chi^2/\text{NDF}: 657.6/38$

Out: 5.008 ± 0.247 $\chi^2/\text{NDF}: 622.9/41$

All: 4.763 ± 0.174 $\chi^2/\text{NDF}: 1282.4/80$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 13.875 $\pm$ 0.384 χ^2 /NDF:1295.9/23

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 13.262 $\pm$ 0.379 χ^2 /NDF:1077.0/22

Left: 13.564 $\pm$ 0.270 χ^2 /NDF: 2374.2/46

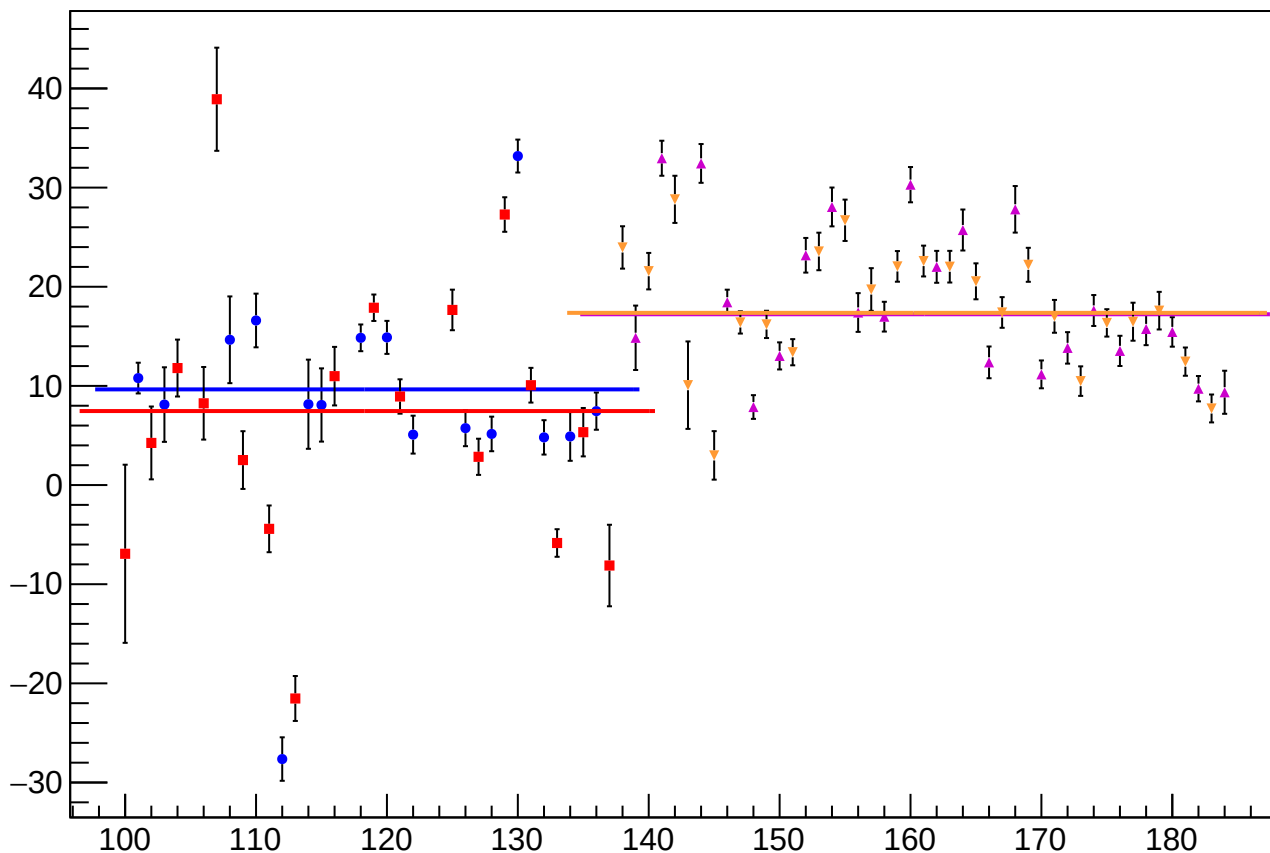
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 21.052 $\pm$ 0.345 χ^2 /NDF:5044.5/38

Out: 22.682 $\pm$ 0.350 χ^2 /NDF:6049.1/41

All: 21.856 $\pm$ 0.245 χ^2 /NDF: 11104.6/80

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: 17.367 ± 0.339 $\chi^2/\text{NDF}: 238.8/23$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 17.224 ± 0.339 $\chi^2/\text{NDF}: 442.2/22$

Left: 17.296 ± 0.240 $\chi^2/\text{NDF}: 681.1/46$

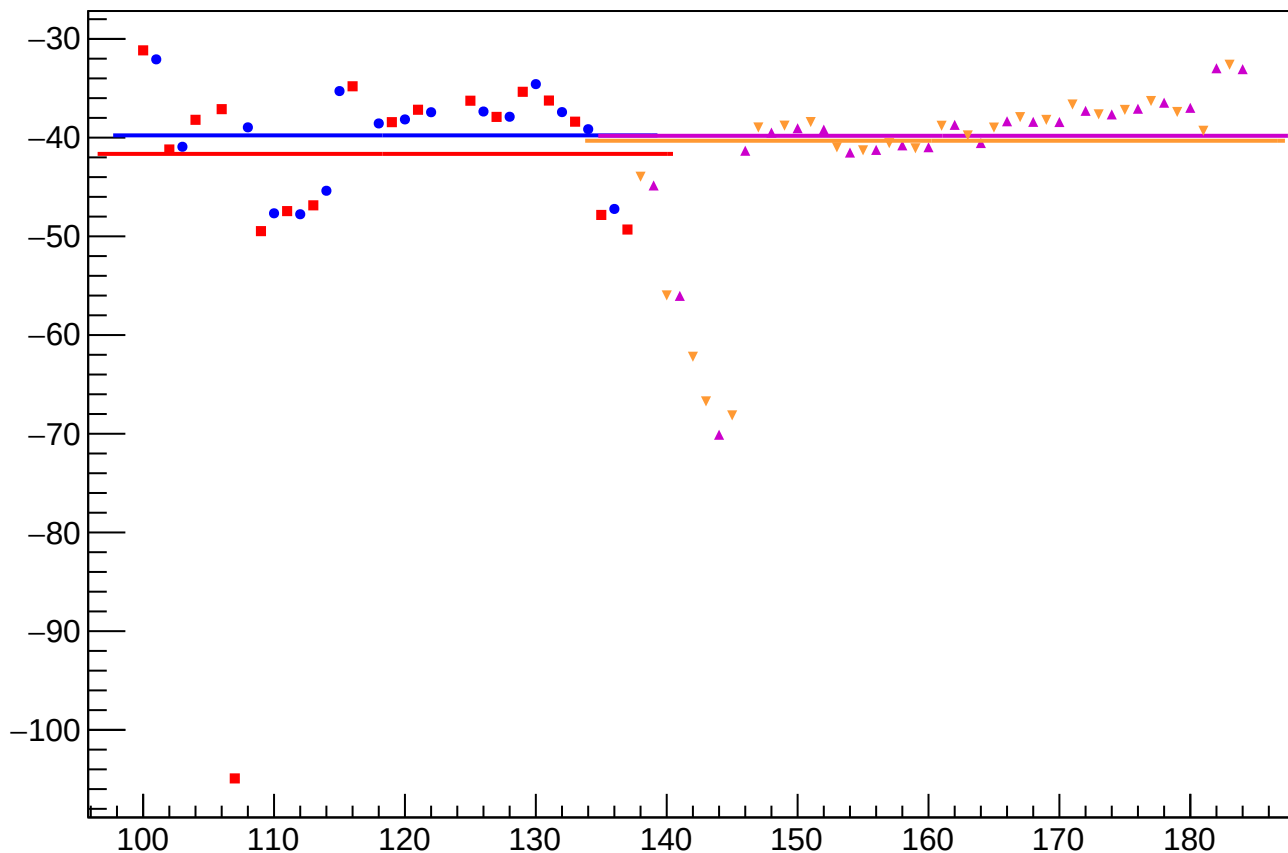
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 14.856 ± 0.281 $\chi^2/\text{NDF}: 1152.3/38$

Out: 14.379 ± 0.283 $\chi^2/\text{NDF}: 1063.3/41$

All: 14.620 ± 0.199 $\chi^2/\text{NDF}: 2217.1/80$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -40.059 ± 0.011 $\chi^2/\text{NDF}: 326457.3/46$

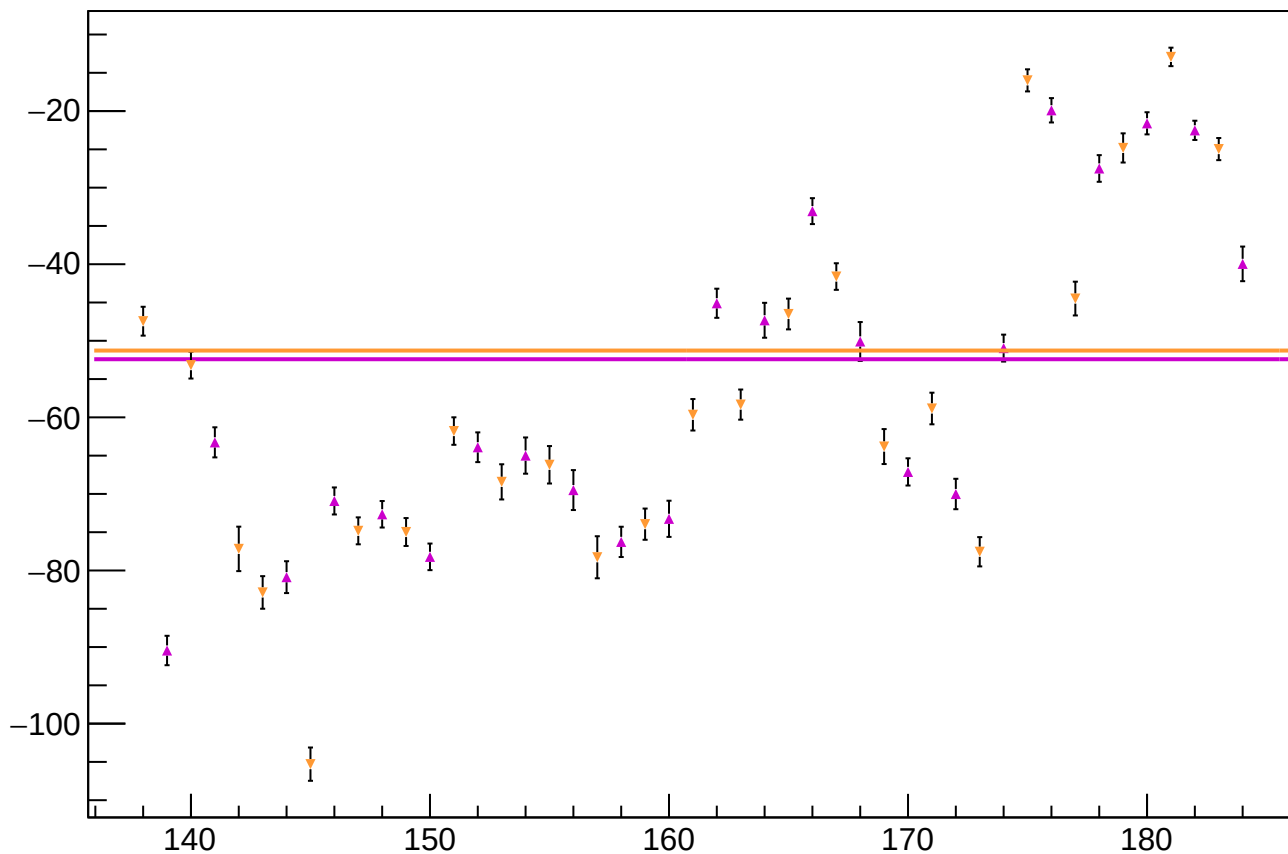
Right: -40.706 ± 0.022 $\chi^2/\text{NDF}: 122504.5/33$

In: -39.805 ± 0.014 $\chi^2/\text{NDF}: 171968.5/38$

Out: -40.590 ± 0.014 $\chi^2/\text{NDF}: 276120.2/41$

All: -40.191 ± 0.010 $\chi^2/\text{NDF}: 449649.9/80$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected

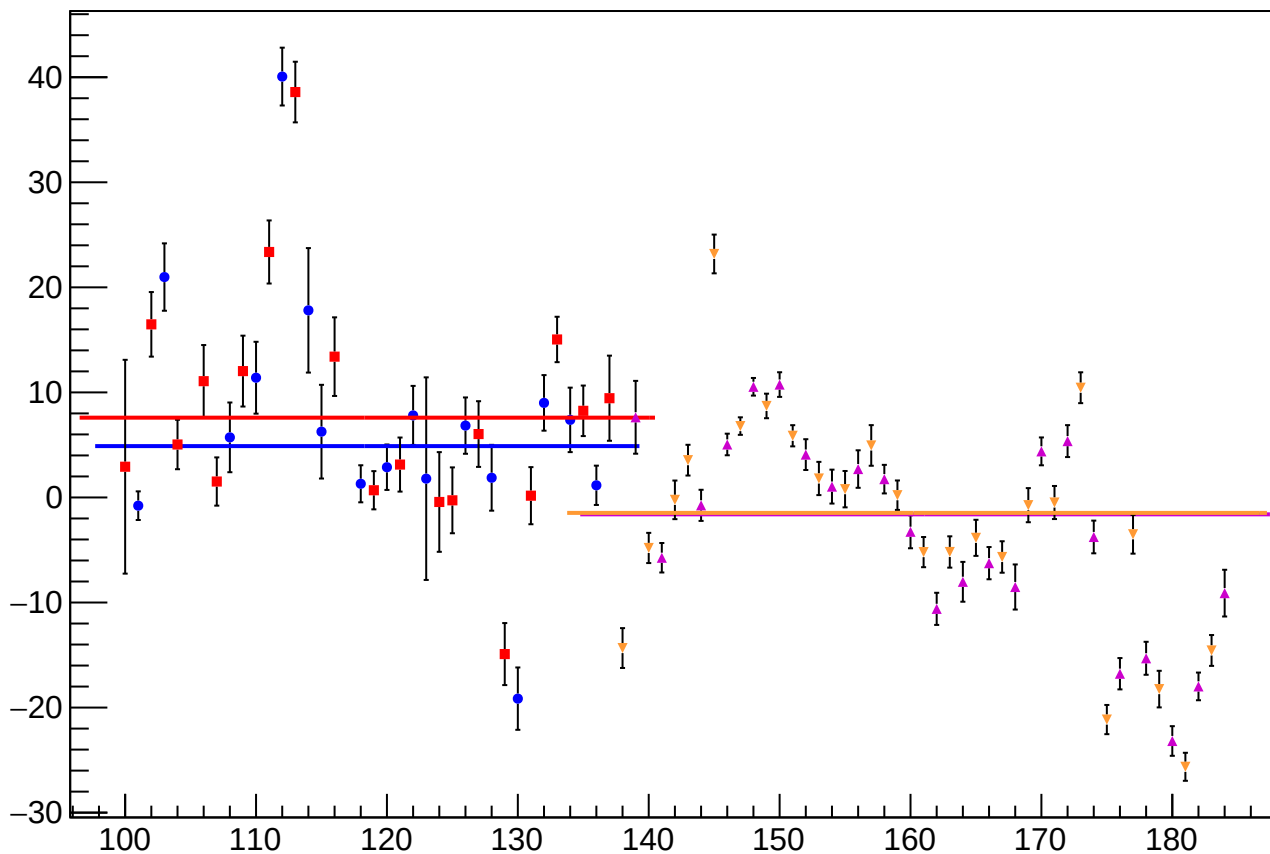


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -51.275+/-0.386 χ^2/NDF : 4059.7/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.409+/-0.387 χ^2/NDF : 3378.7/22

Left: -51.840+/-0.273 χ^2/NDF : 7442.7/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -52.409+/-0.387 χ^2/NDF : 3378.7/22
 Out: -51.275+/-0.386 χ^2/NDF : 4059.7/23

All: -51.840+/-0.273 χ^2/NDF : 7442.7/46

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: -1.469 ± 0.293 $\chi^2/\text{NDF}: 1279.0/23$

Right Out: 7.596 ± 0.651 $\chi^2/\text{NDF}: 269.4/18$

Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

Left: -1.537 ± 0.210 $\chi^2/\text{NDF}: 2376.5/46$

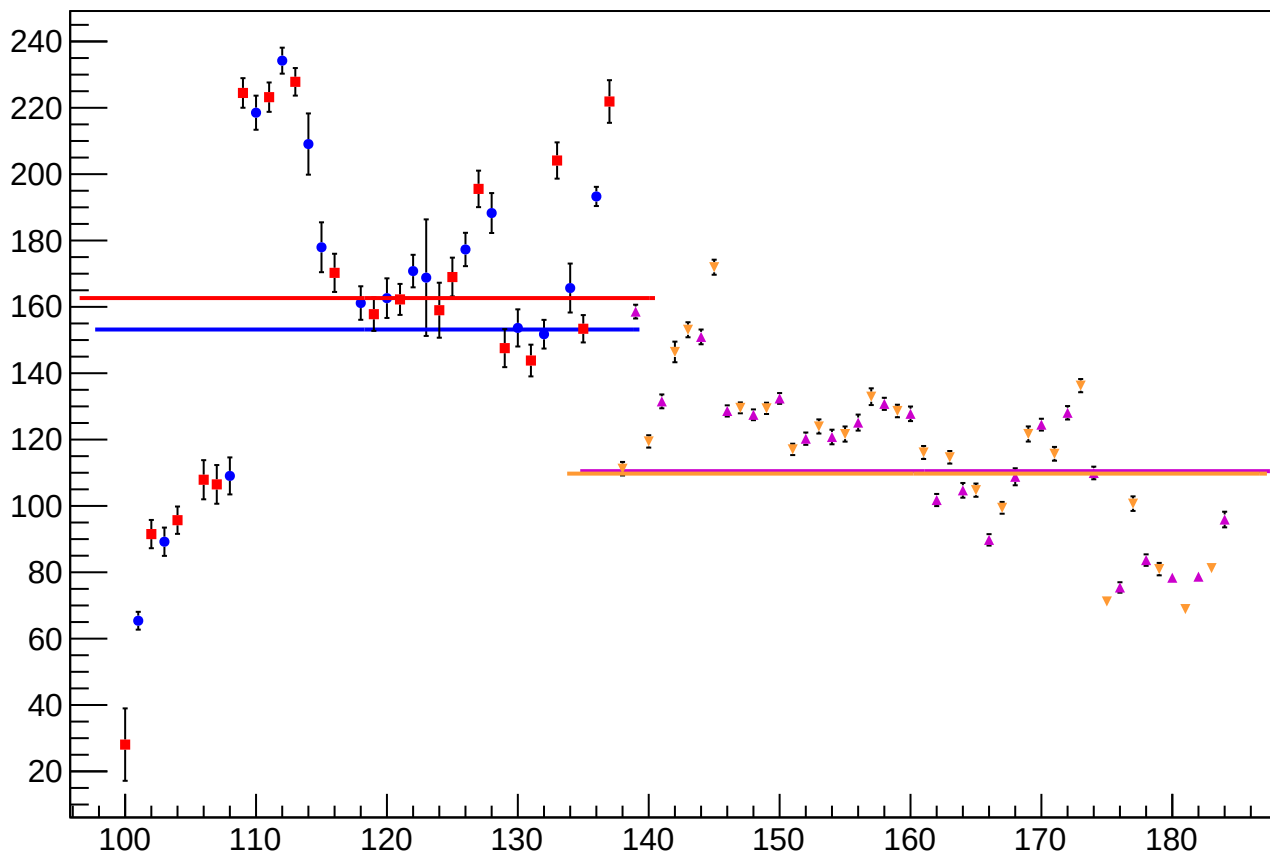
Right: 6.180 ± 0.450 $\chi^2/\text{NDF}: 573.2/35$

In: -0.385 ± 0.270 $\chi^2/\text{NDF}: 1480.6/39$

Out: 0.062 ± 0.267 $\chi^2/\text{NDF}: 1709.6/42$

All: -0.159 ± 0.190 $\chi^2/\text{NDF}: 3191.6/82$

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: 109.739 $\pm$ 0.385 χ^2/NDF :4493.5/23

Right Out: 162.650 $\pm$ 1.176 χ^2/NDF : 1708.7/18

Left In: 110.482 $\pm$ 0.385 χ^2/NDF :3824.9/22

Left: 110.111 $\pm$ 0.272 χ^2/NDF : 8320.2/46

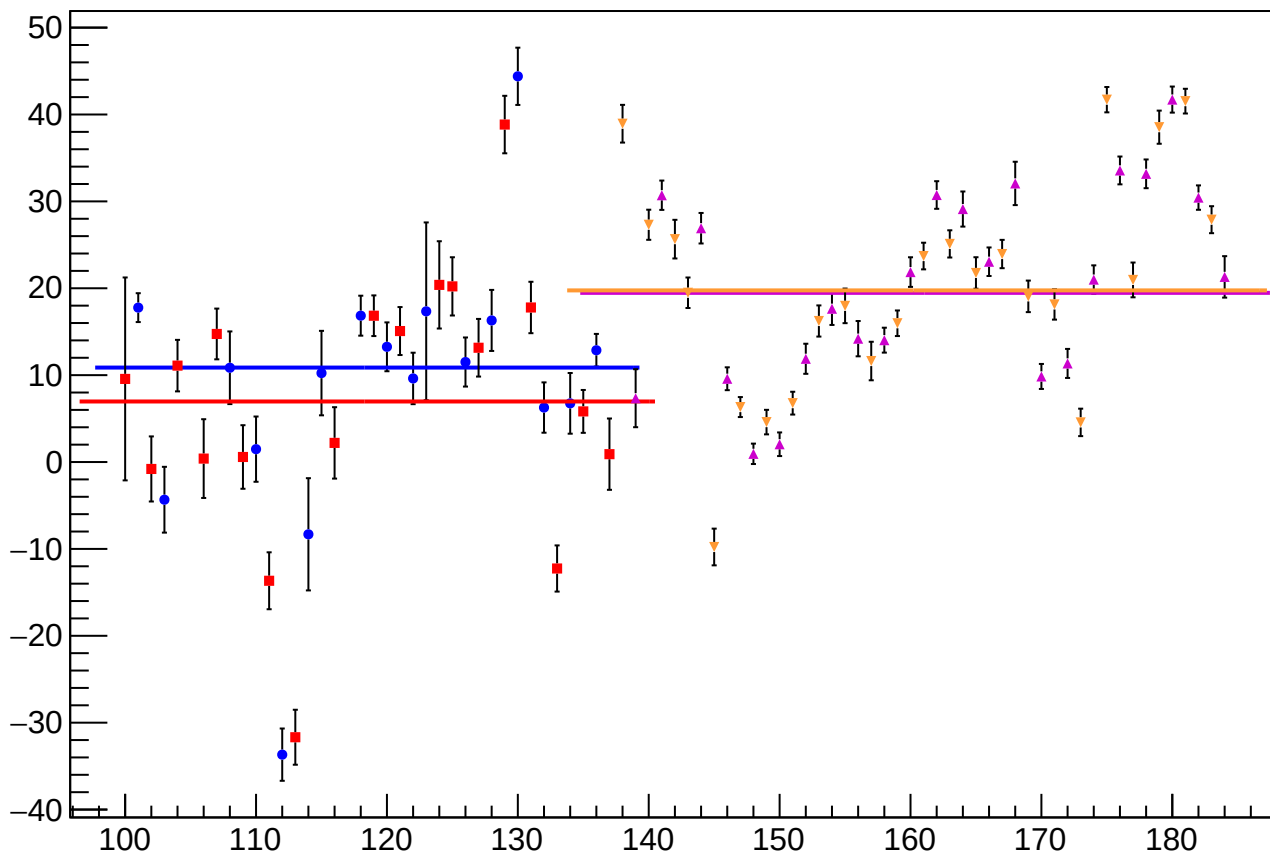
Right: 157.790 $\pm$ 0.821 χ^2/NDF : 4006.2/35

In: 114.803 $\pm$ 0.365 χ^2/NDF :7335.6/39

Out: 114.853 $\pm$ 0.366 χ^2/NDF :8029.9/42

All: 114.828 $\pm$ 0.258 χ^2/NDF : 15365.6/82

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 19.754 $\pm$ 0.337 χ^2 /NDF:1379.3/23

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 19.472 $\pm$ 0.342 χ^2 /NDF:1188.2/22

Left: 19.615 $\pm$ 0.240 χ^2 /NDF: 2567.8/46

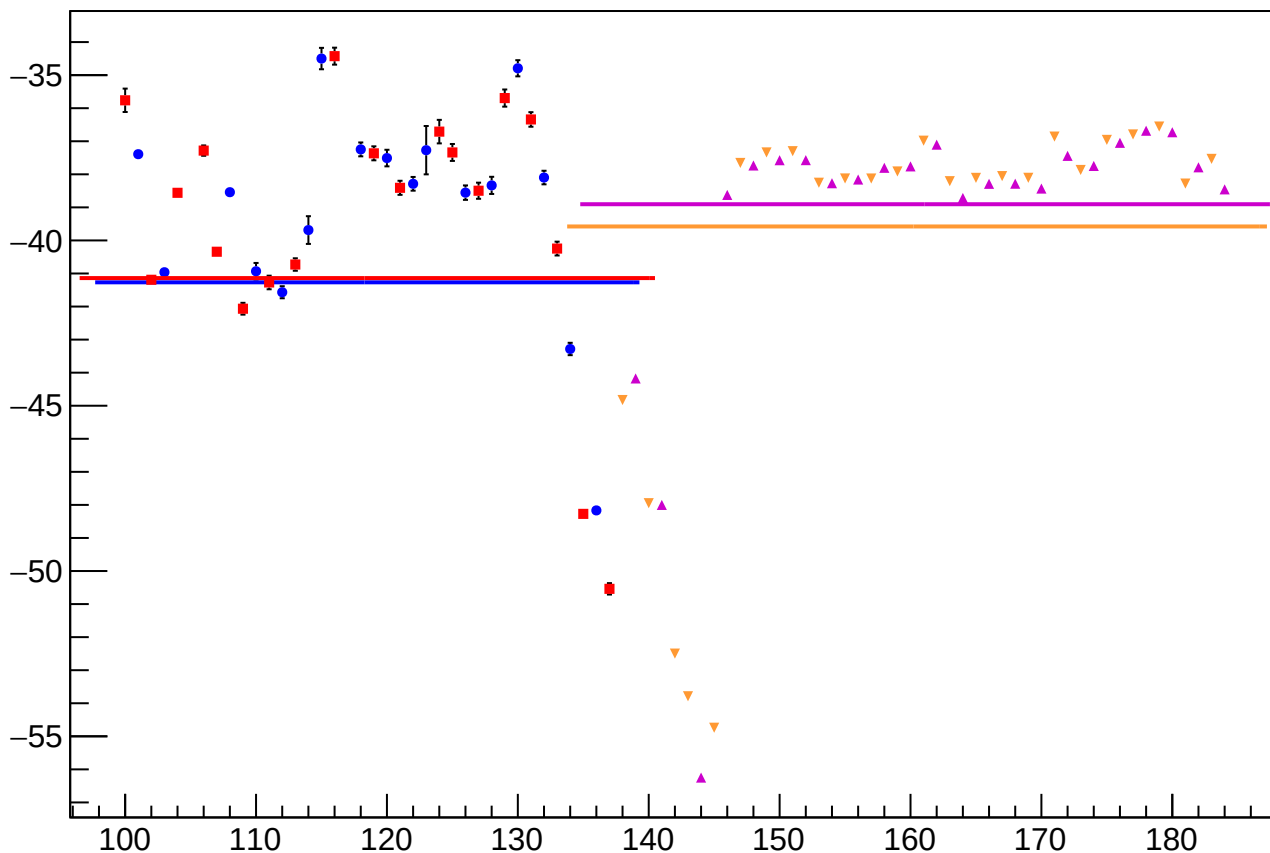
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 17.872 $\pm$ 0.308 χ^2 /NDF:1692.8/39

Out: 17.596 $\pm$ 0.307 χ^2 /NDF:2044.8/42

All: 17.733 $\pm$ 0.218 χ^2 /NDF: 3738.0/82

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 χ^2/NDF : 12581.8/16

Left Out: -39.577 ± 0.016 χ^2/NDF : 91761.9/23

Right Out: -41.139 ± 0.039 χ^2/NDF : 12242.4/18

Left In: -38.905 ± 0.016 χ^2/NDF : 54282.7/22

Left: -39.239 ± 0.011 χ^2/NDF : 146946.3/46

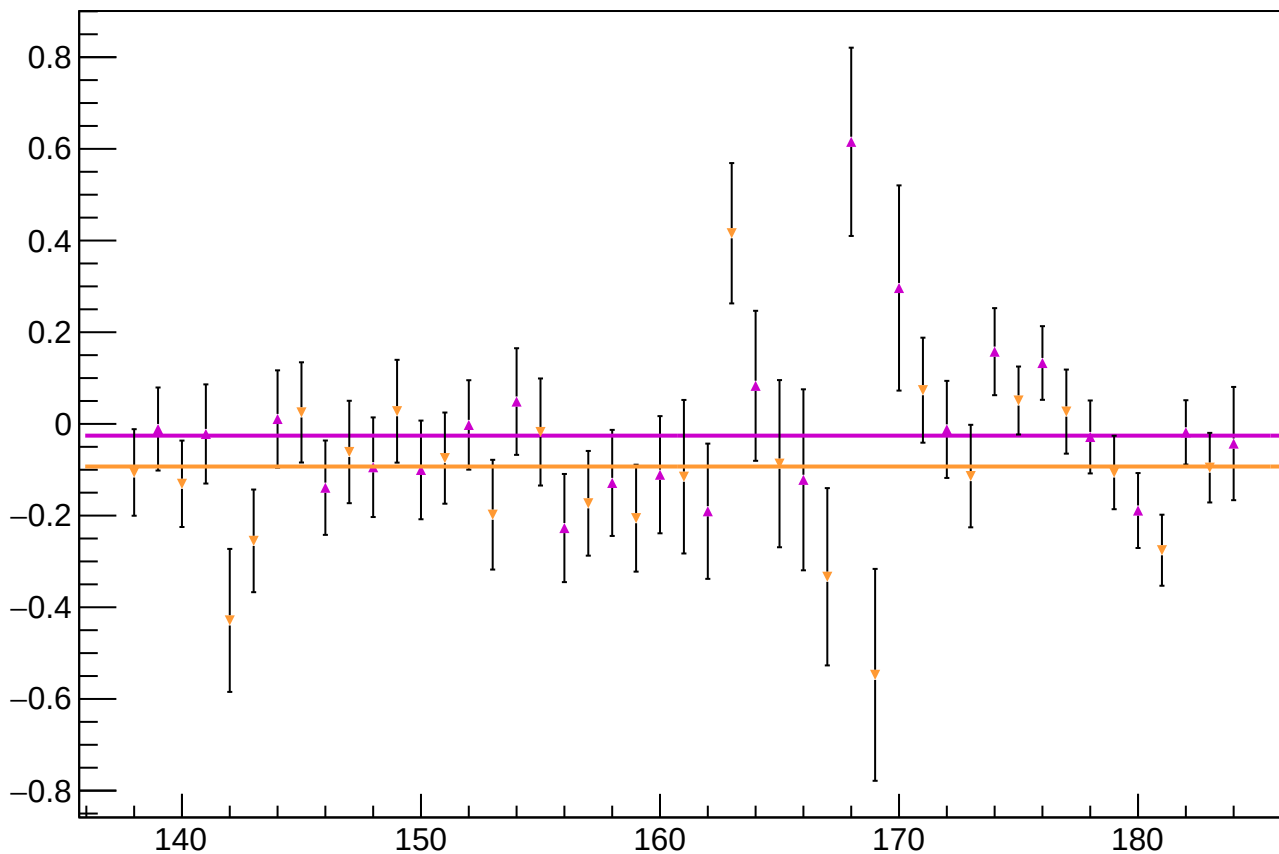
Right: -41.203 ± 0.027 χ^2/NDF : 24829.7/35

In: -39.245 ± 0.015 χ^2/NDF : 70083.4/39

Out: -39.804 ± 0.015 χ^2/NDF : 105402.8/42

All: -39.523 ± 0.010 χ^2/NDF : 176212.6/82

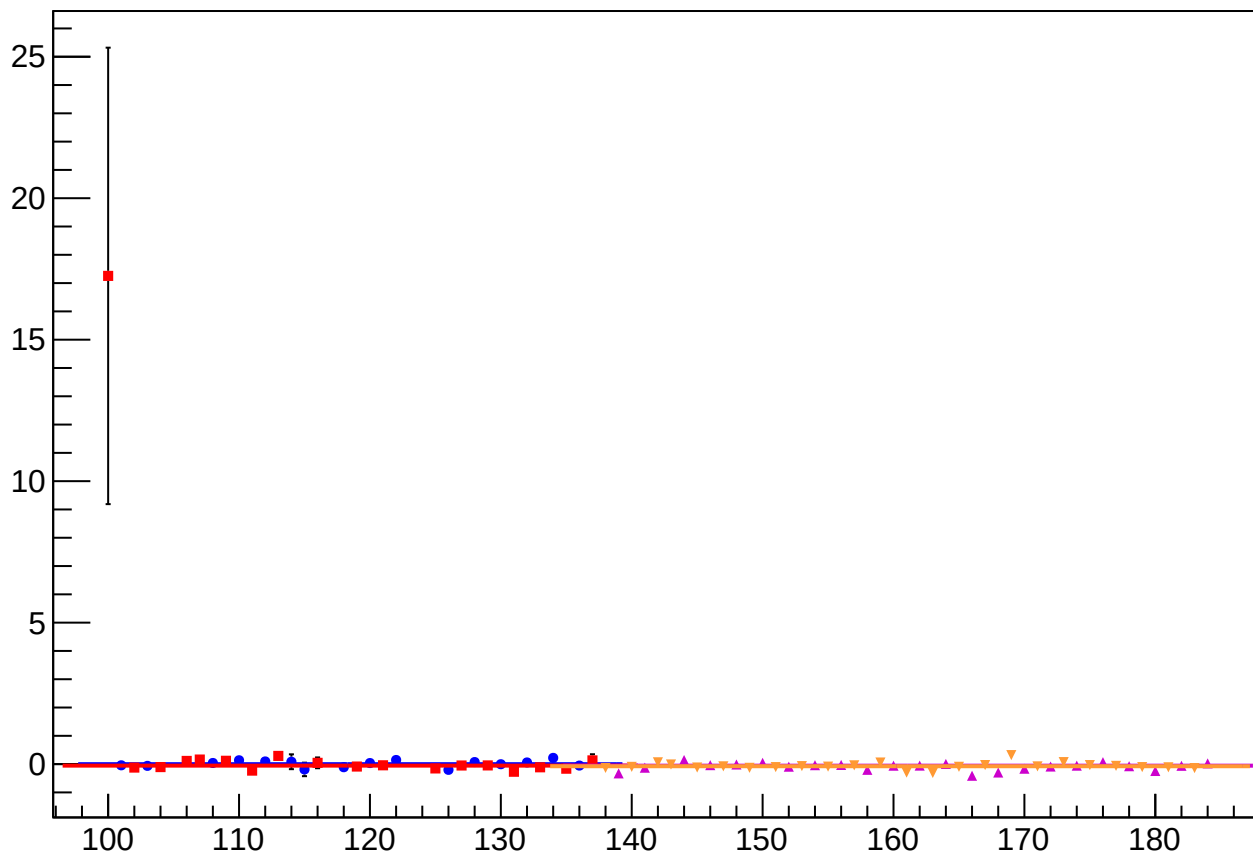
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.093 $\pm$ 0.022 χ^2 /NDF:41.7/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.026 $\pm$ 0.022 χ^2 /NDF:32.3/22

Left: -0.060 $\pm$ 0.016 χ^2 /NDF: 78.6/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.026 $\pm$ 0.022 χ^2 /NDF:32.3/22
 Out: -0.093 $\pm$ 0.022 χ^2 /NDF:41.7/23
 All: -0.060 $\pm$ 0.016 χ^2 /NDF: 78.6/46

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.075 ± 0.017 χ^2/NDF : 24.8/23

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

Left: -0.065 ± 0.012 χ^2/NDF : 57.6/46

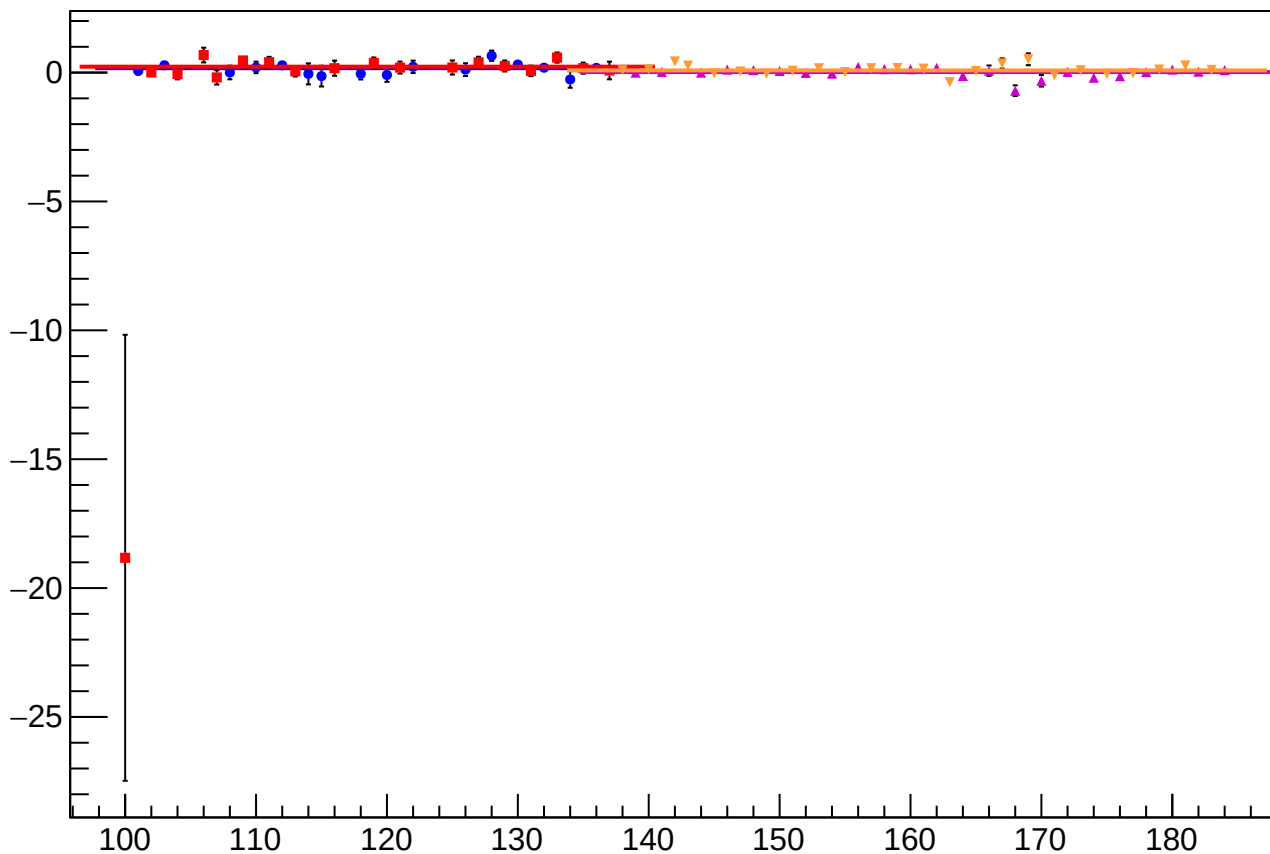
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.040 ± 0.015 χ^2/NDF : 46.8/38

Out: -0.069 ± 0.015 χ^2/NDF : 50.8/41

All: -0.055 ± 0.010 χ^2/NDF : 99.5/80

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.086 $\pm$ 0.022 χ^2 /NDF:40.5/23

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.020 $\pm$ 0.022 χ^2 /NDF:34.5/22

Left: 0.053 $\pm$ 0.016 χ^2 /NDF: 79.5/46

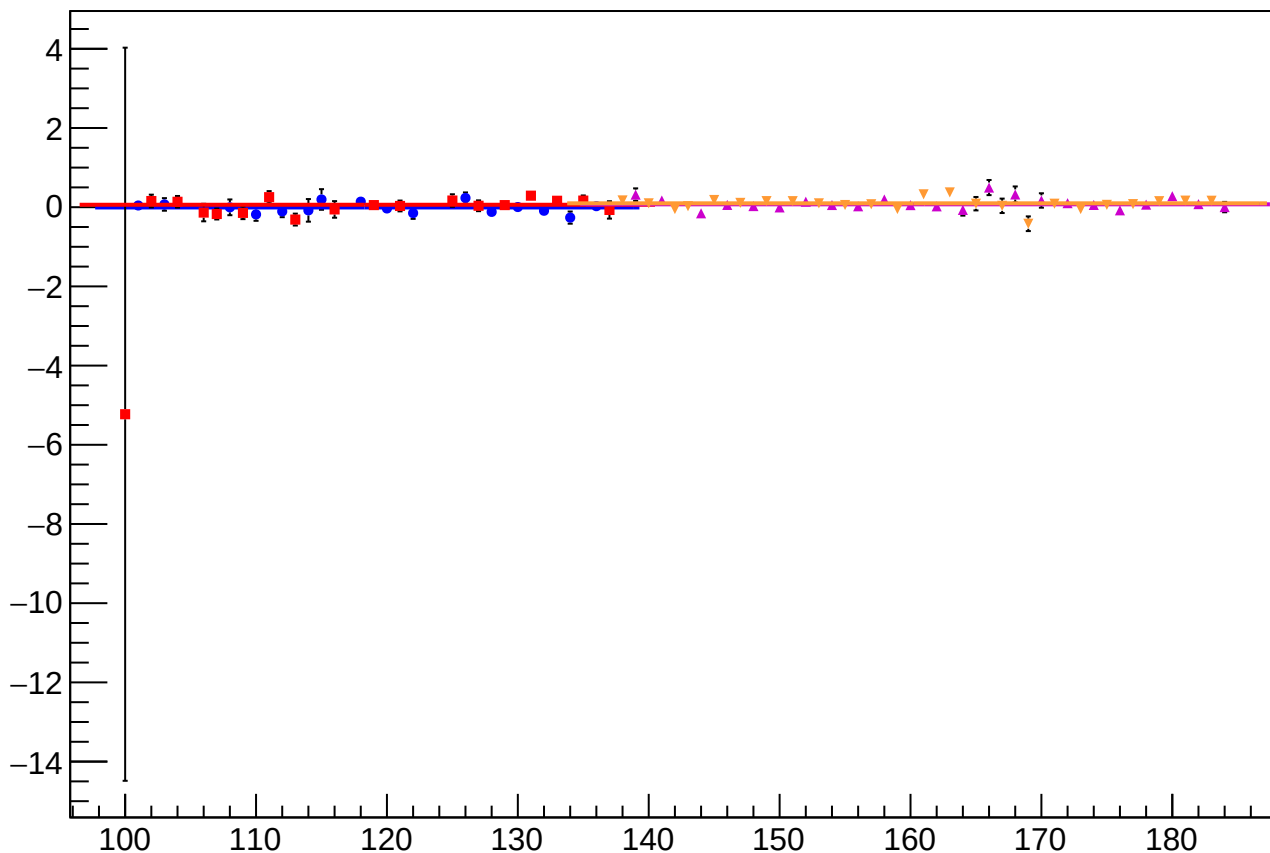
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.043 $\pm$ 0.020 χ^2 /NDF:54.5/38

Out: 0.106 $\pm$ 0.020 χ^2 /NDF:68.3/41

All: 0.075 $\pm$ 0.014 χ^2 /NDF: 127.7/80

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.098 ± 0.019 χ^2/NDF : 27.9/23

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

Left: 0.085 ± 0.014 χ^2/NDF : 60.4/46

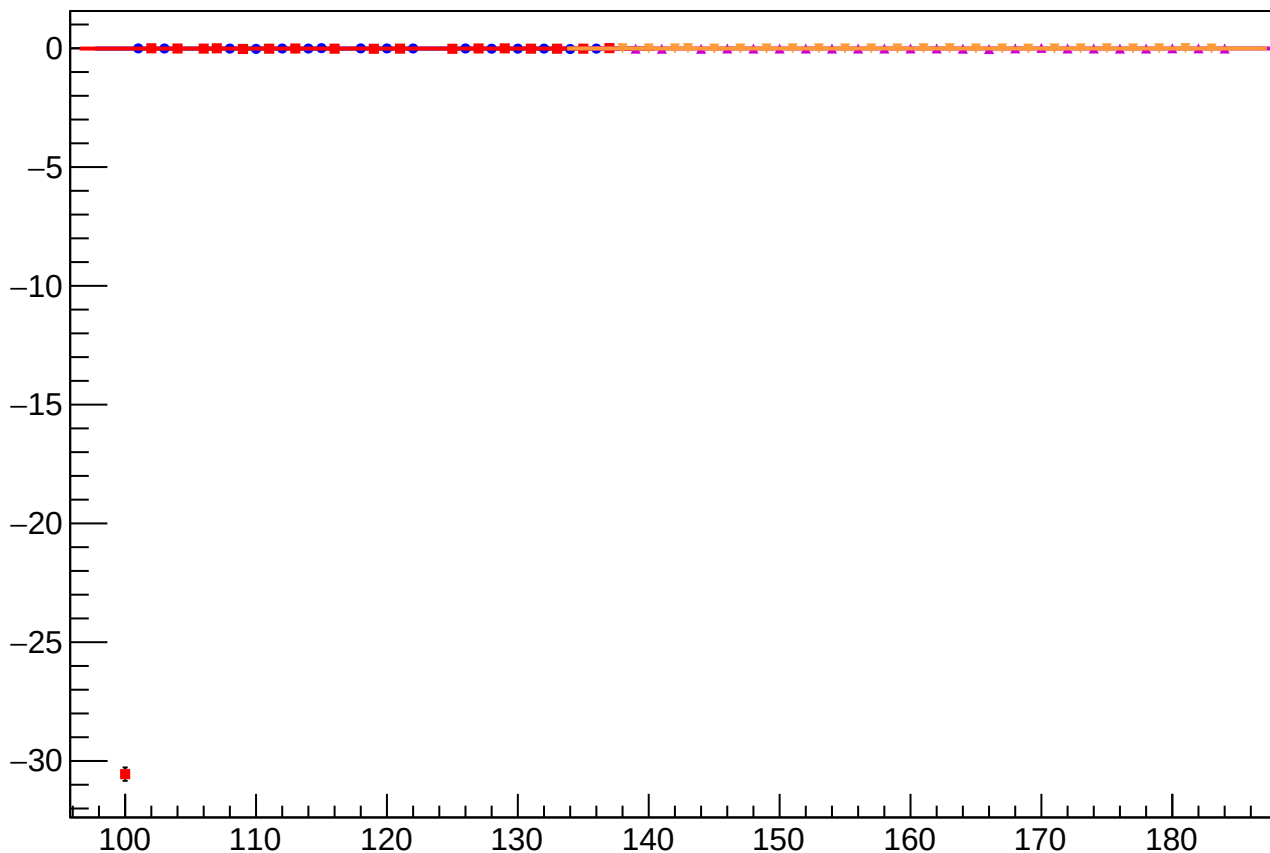
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.051 ± 0.017 χ^2/NDF : 49.2/38

Out: 0.089 ± 0.017 χ^2/NDF : 49.0/41

All: 0.070 ± 0.012 χ^2/NDF : 100.8/80

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: -0.007 $\pm$ 0.001 χ^2 /NDF:30.8/23

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.009 $\pm$ 0.001 χ^2 /NDF:42.1/22

Left: -0.008 $\pm$ 0.001 χ^2 /NDF: 74.2/46

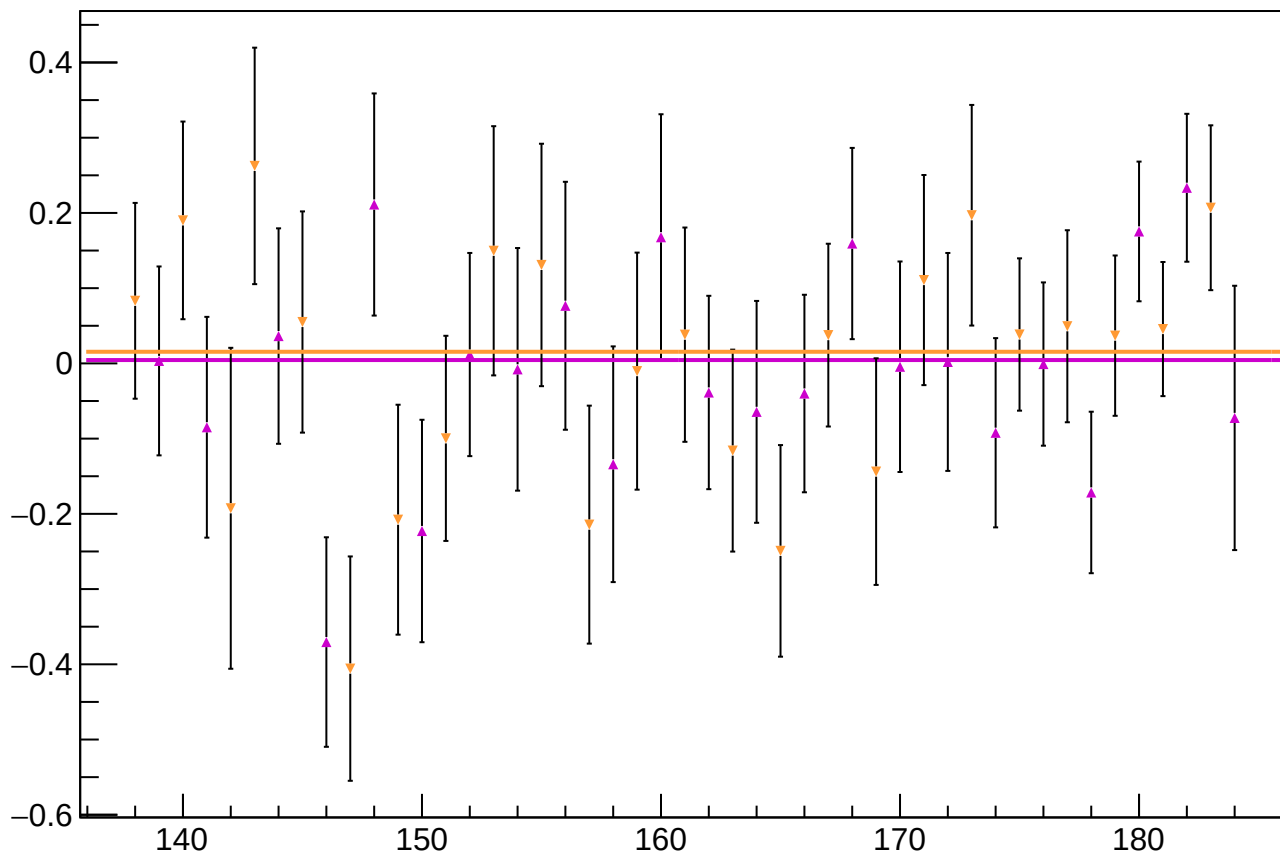
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.009 $\pm$ 0.001 χ^2 /NDF:57.1/38

Out: -0.008 $\pm$ 0.001 χ^2 /NDF:11926.7/41

All: -0.009 $\pm$ 0.001 χ^2 /NDF: 11984.8/80

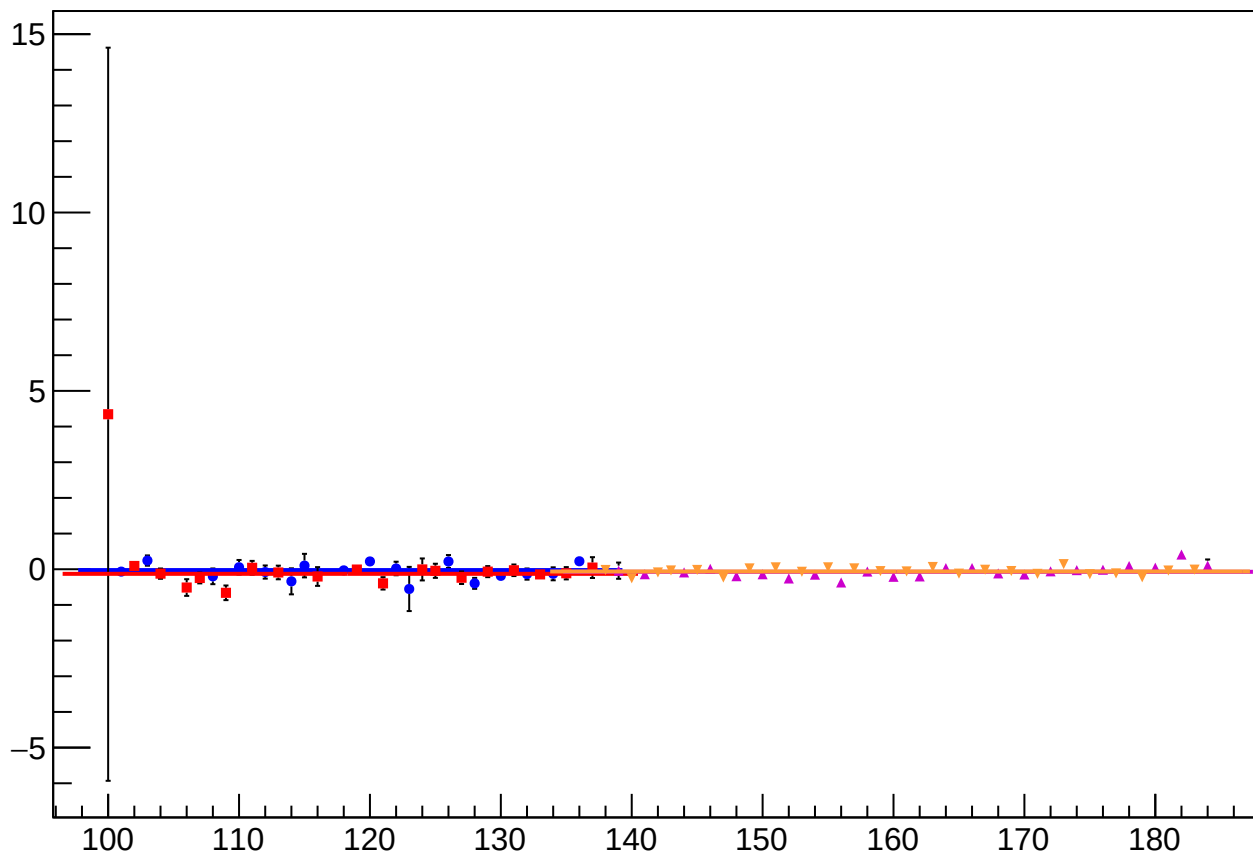
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.015 $\pm$ 0.027 χ^2 /NDF:30.7/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.004 $\pm$ 0.028 χ^2 /NDF:28.2/22

Left: 0.010 $\pm$ 0.019 χ^2 /NDF: 58.9/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.004 $\pm$ 0.028 χ^2 /NDF:28.2/22
 Out: 0.015 $\pm$ 0.027 χ^2 /NDF:30.7/23
 All: 0.010 $\pm$ 0.019 χ^2 /NDF: 58.9/46

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.062 ± 0.021 χ^2/NDF : 23.5/23

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

Left: -0.067 ± 0.015 χ^2/NDF : 72.3/46

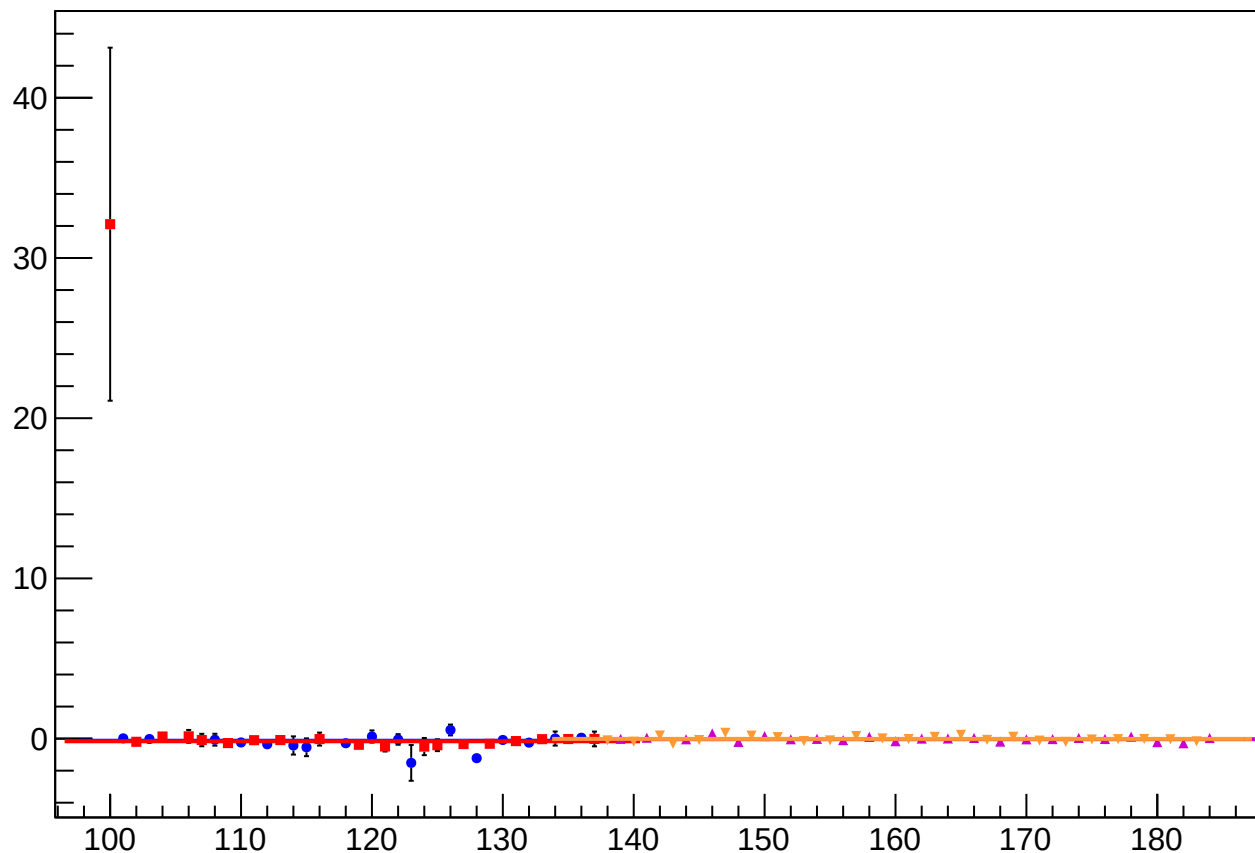
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.059 ± 0.019 χ^2/NDF : 72.4/39

Out: -0.077 ± 0.019 χ^2/NDF : 44.5/42

All: -0.068 ± 0.013 χ^2/NDF : 117.4/82

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.017 ± 0.027 χ^2/NDF : 28.8/23

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

Left: -0.026 ± 0.019 χ^2/NDF : 56.7/46

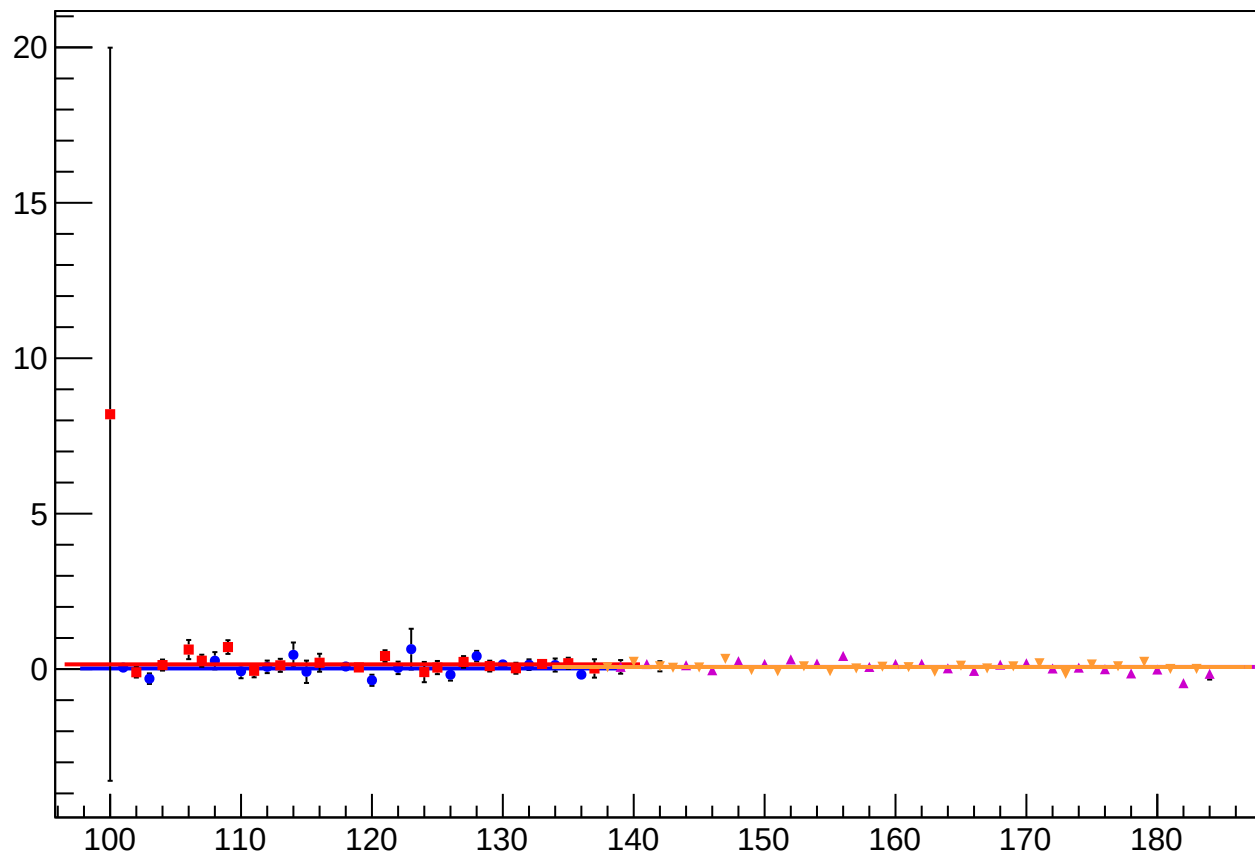
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.049 ± 0.025 χ^2/NDF : 55.3/39

Out: -0.036 ± 0.025 χ^2/NDF : 47.4/42

All: -0.042 ± 0.018 χ^2/NDF : 102.8/82

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: 0.067 $\pm$ 0.024 χ^2 /NDF:23.1/23

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.069 $\pm$ 0.025 χ^2 /NDF:51.4/22

Left: 0.068 $\pm$ 0.017 χ^2 /NDF: 74.5/46

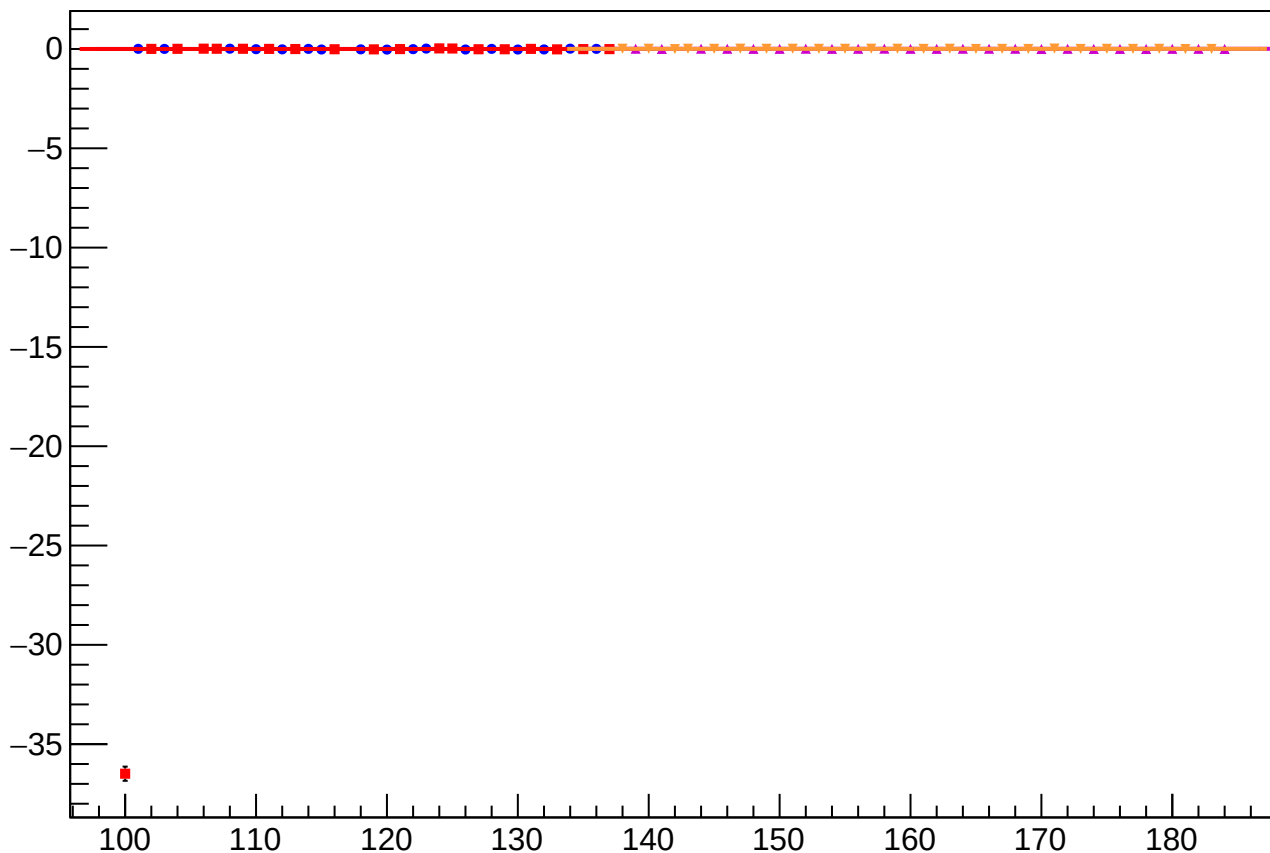
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.057 $\pm$ 0.021 χ^2 /NDF:74.2/39

Out: 0.086 $\pm$ 0.021 χ^2 /NDF:43.1/42

All: 0.071 $\pm$ 0.015 χ^2 /NDF: 118.2/82

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 26.0/23

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.009 $\pm$ 0.001 χ^2 /NDF: 15.8/22

Left: 0.009 $\pm$ 0.001 χ^2 /NDF: 42.1/46

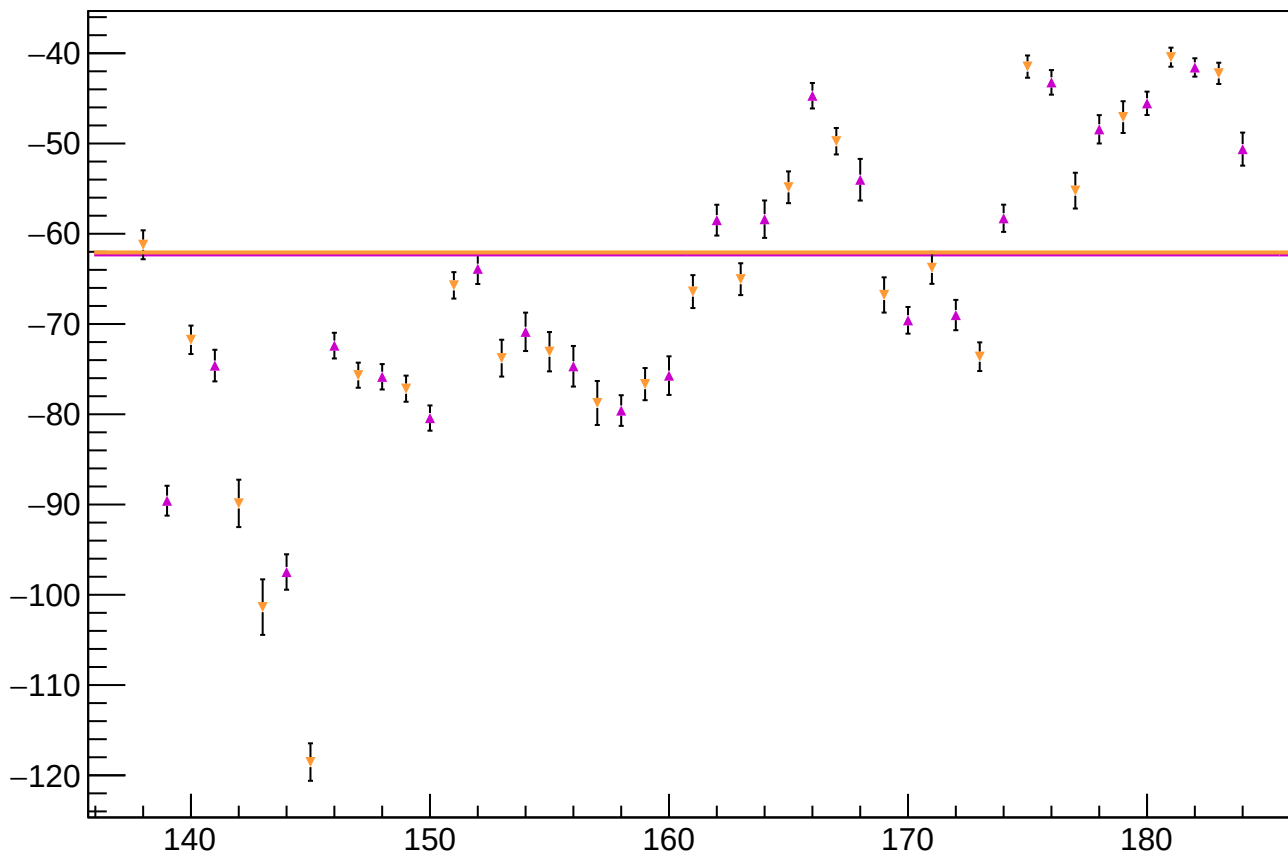
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.007 $\pm$ 0.001 χ^2 /NDF: 58.3/39

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10484.0/42

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10542.5/82

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -62.070+/-0.335 χ^2/NDF :2660.1/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.290+/-0.331 χ^2/NDF :2265.0/22

Left: -62.181+/-0.235 χ^2/NDF : 4925.3/46

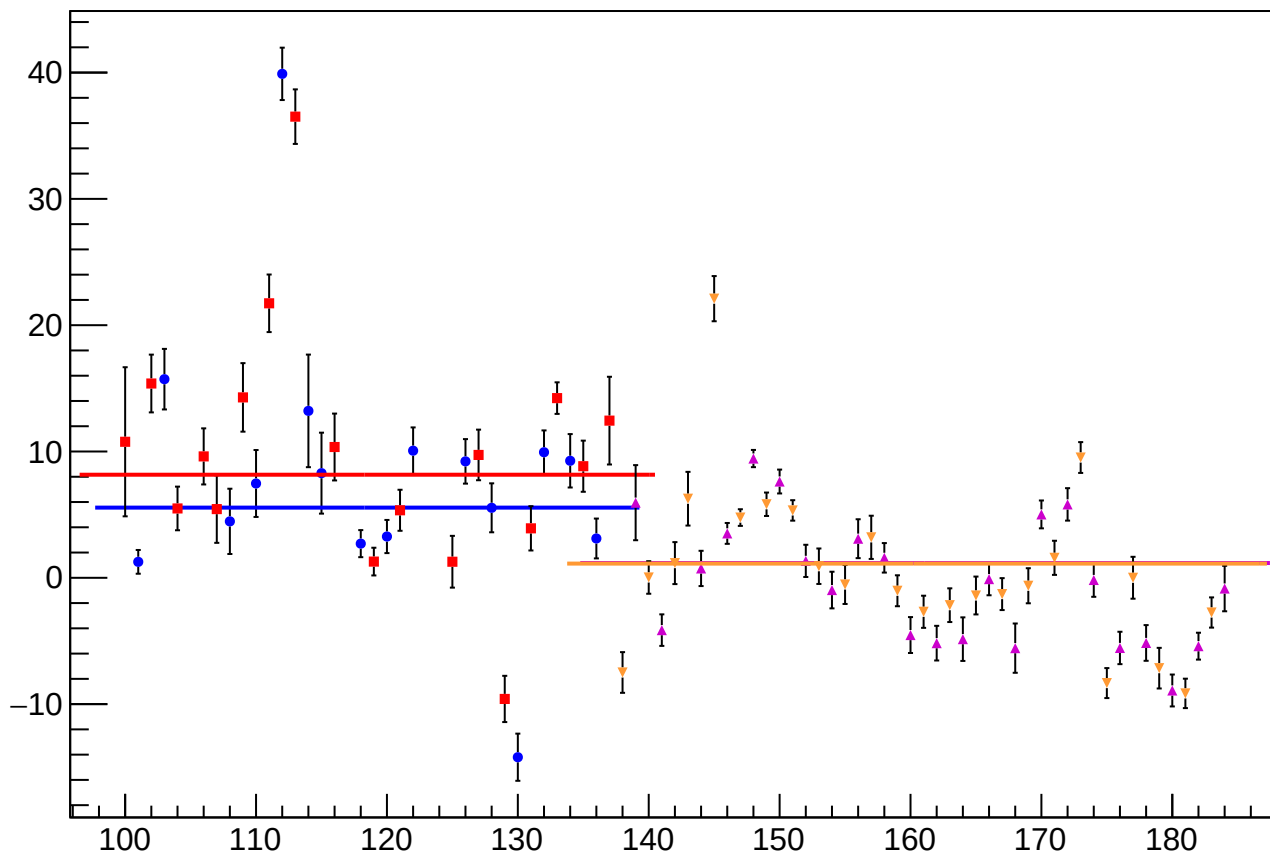
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.290+/-0.331 χ^2/NDF :2265.0/22

Out: -62.070+/-0.335 χ^2/NDF :2660.1/23

All: -62.181+/-0.235 χ^2/NDF : 4925.3/46

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 $\pm$ 0.424 χ^2 /NDF: 462.0/15

Left Out: 1.125 $\pm$ 0.252 χ^2 /NDF:511.1/23

Right Out: 8.162 $\pm$ 0.453 χ^2 /NDF: 407.0/17

Left In: 1.171 $\pm$ 0.255 χ^2 /NDF:466.2/22

Left: 1.148 $\pm$ 0.179 χ^2 /NDF: 977.4/46

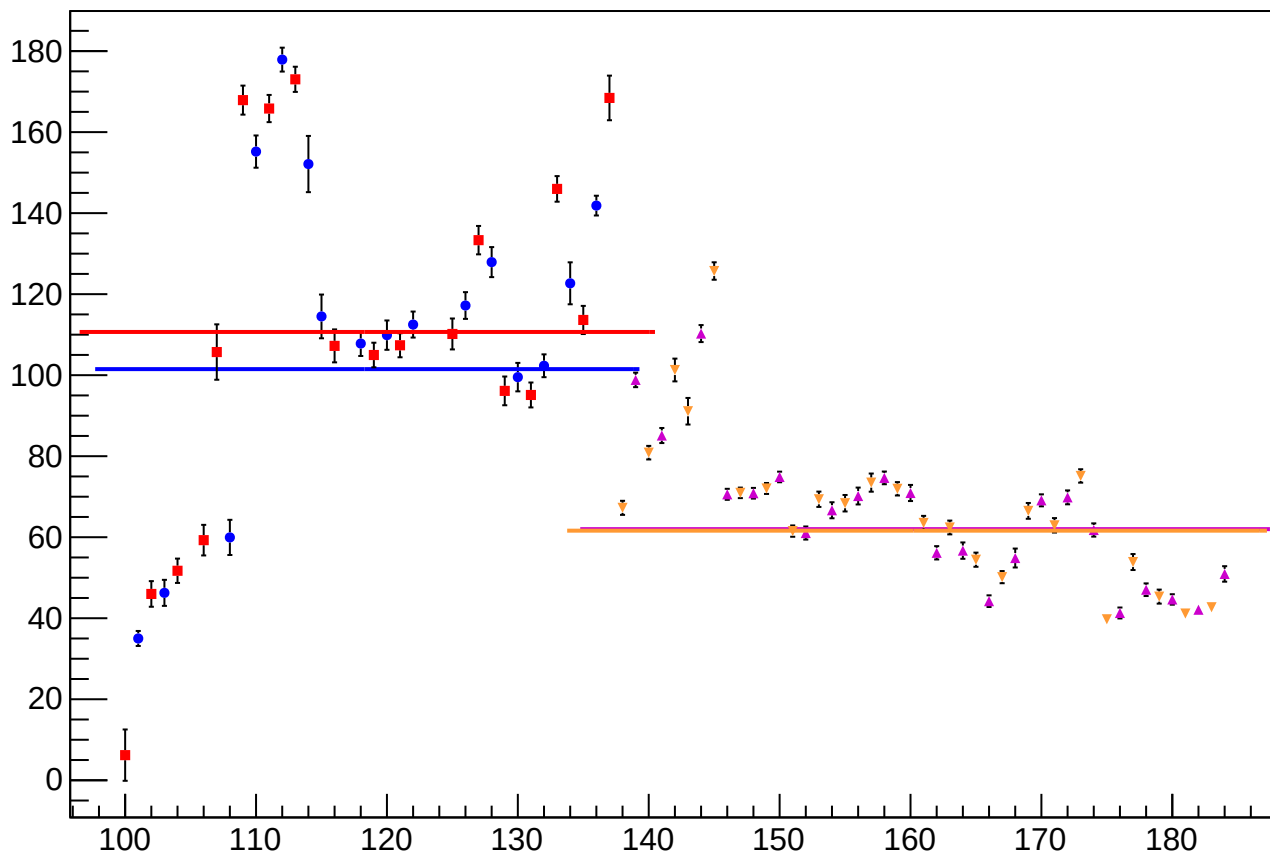
Right: 6.774 $\pm$ 0.310 χ^2 /NDF: 886.6/33

In: 2.334 $\pm$ 0.218 χ^2 /NDF:1006.9/38

Out: 2.793 $\pm$ 0.221 χ^2 /NDF:1102.2/41

All: 2.561 $\pm$ 0.155 χ^2 /NDF: 2111.2/80

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 61.617 $\pm$ 0.333 χ^2 /NDF:2670.3/23

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 61.995 $\pm$ 0.329 χ^2 /NDF:2517.6/22

Left: 61.808 $\pm$ 0.234 χ^2 /NDF: 5188.6/46

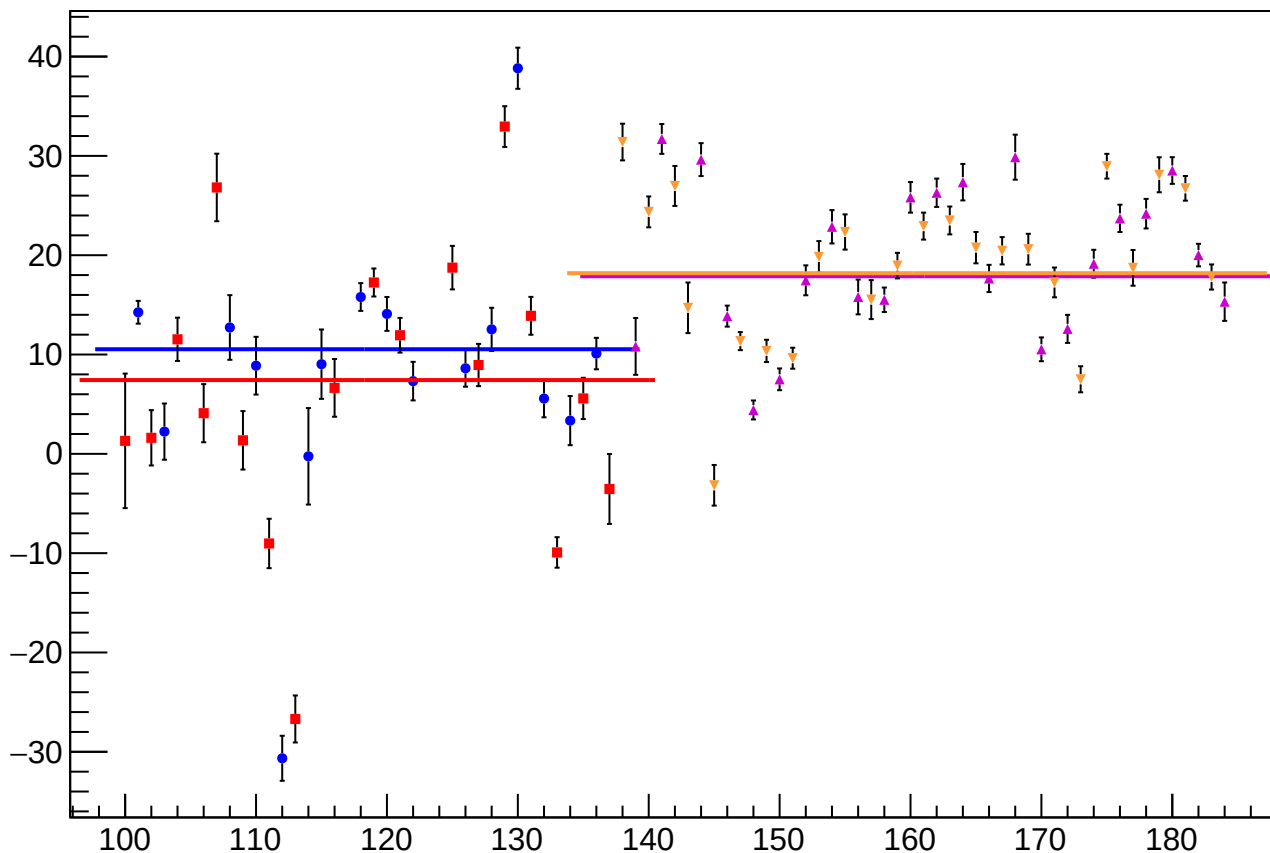
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 67.608 $\pm$ 0.305 χ^2 /NDF:7539.7/38

Out: 68.348 $\pm$ 0.310 χ^2 /NDF:8155.5/41

All: 67.972 $\pm$ 0.217 χ^2 /NDF: 15698.1/80

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 18.188 ± 0.291 $\chi^2/\text{NDF}: 631.5/23$

Right Out: 7.429 ± 0.524 $\chi^2/\text{NDF}: 685.8/17$

Left In: 17.881 ± 0.292 $\chi^2/\text{NDF}: 730.9/22$

Left: 18.035 ± 0.206 $\chi^2/\text{NDF}: 1363.0/46$

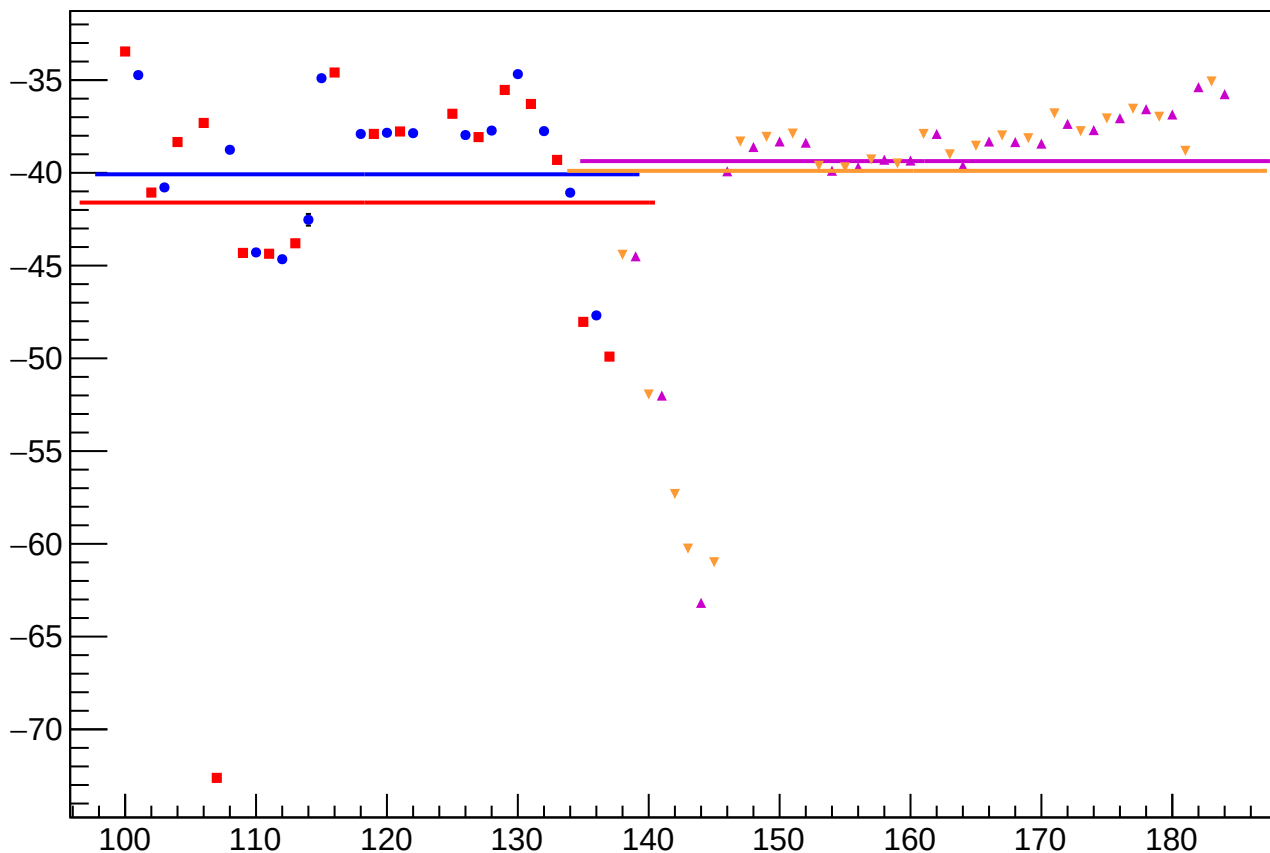
Right: 9.074 ± 0.359 $\chi^2/\text{NDF}: 1284.7/33$

In: 15.975 ± 0.251 $\chi^2/\text{NDF}: 1475.9/38$

Out: 15.647 ± 0.254 $\chi^2/\text{NDF}: 1639.9/41$

All: 15.813 ± 0.179 $\chi^2/\text{NDF}: 3116.6/80$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -39.893 ± 0.014 χ^2/NDF : 162897.7/23

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -39.368 ± 0.014 χ^2/NDF : 117958.1/22

Left: -39.625 ± 0.010 χ^2/NDF : 281591.3/46

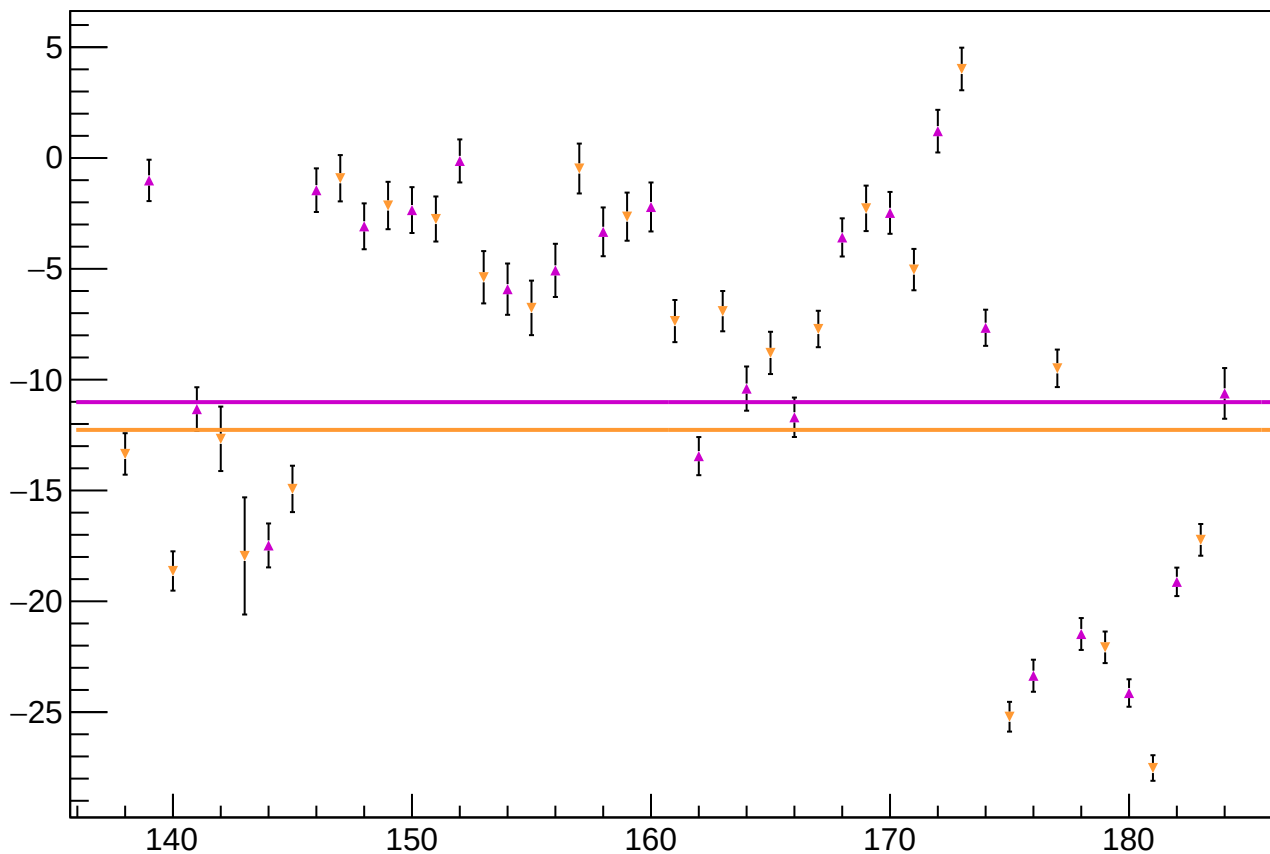
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -39.501 ± 0.012 χ^2/NDF : 143620.6/38

Out: -40.217 ± 0.012 χ^2/NDF : 227657.5/41

All: -39.852 ± 0.009 χ^2/NDF : 372963.9/80

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -12.267 $\pm$ 0.188 χ^2/NDF :2468.5/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -11.014 $\pm$ 0.187 χ^2/NDF :2116.6/22

Left: -11.638 $\pm$ 0.133 χ^2/NDF : 4607.4/46

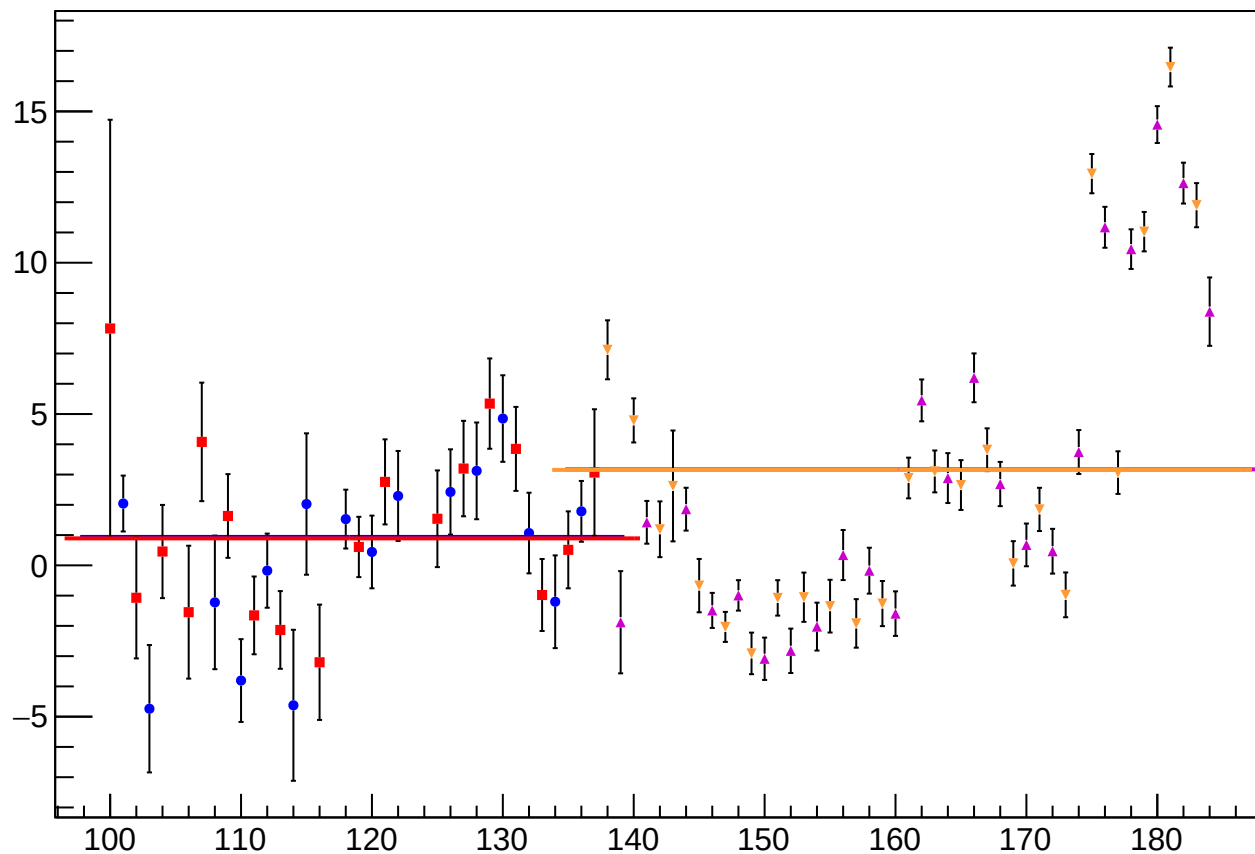
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -11.014 $\pm$ 0.187 χ^2/NDF :2116.6/22

Out: -12.267 $\pm$ 0.188 χ^2/NDF :2468.5/23

All: -11.638 $\pm$ 0.133 χ^2/NDF : 4607.4/46

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 3.154 ± 0.148 $\chi^2/\text{NDF}: 1416.1/23$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 3.172 ± 0.150 $\chi^2/\text{NDF}: 1297.9/22$

Left: 3.163 ± 0.105 $\chi^2/\text{NDF}: 2714.0/46$

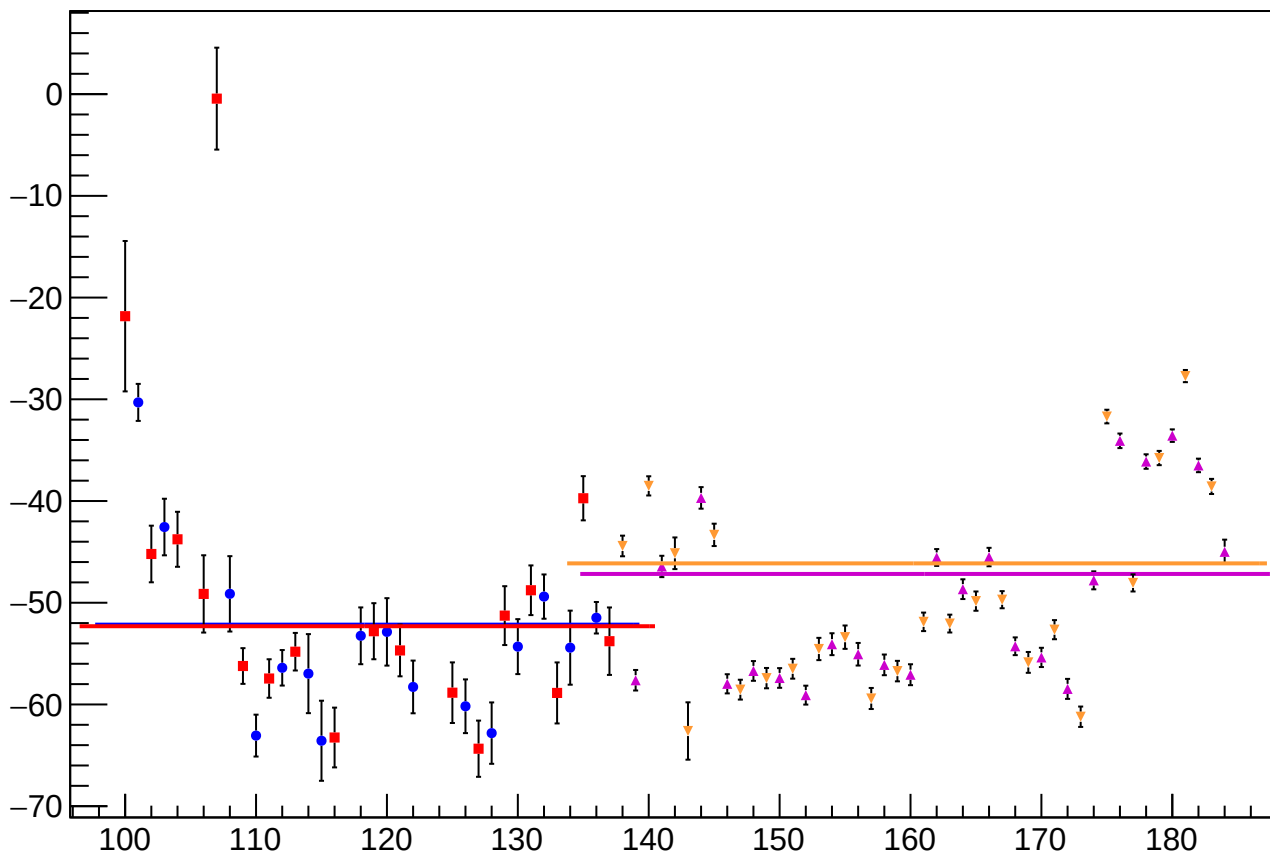
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 2.808 ± 0.137 $\chi^2/\text{NDF}: 1376.5/38$

Out: 2.816 ± 0.137 $\chi^2/\text{NDF}: 1492.5/41$

All: 2.812 ± 0.097 $\chi^2/\text{NDF}: 2869.0/80$

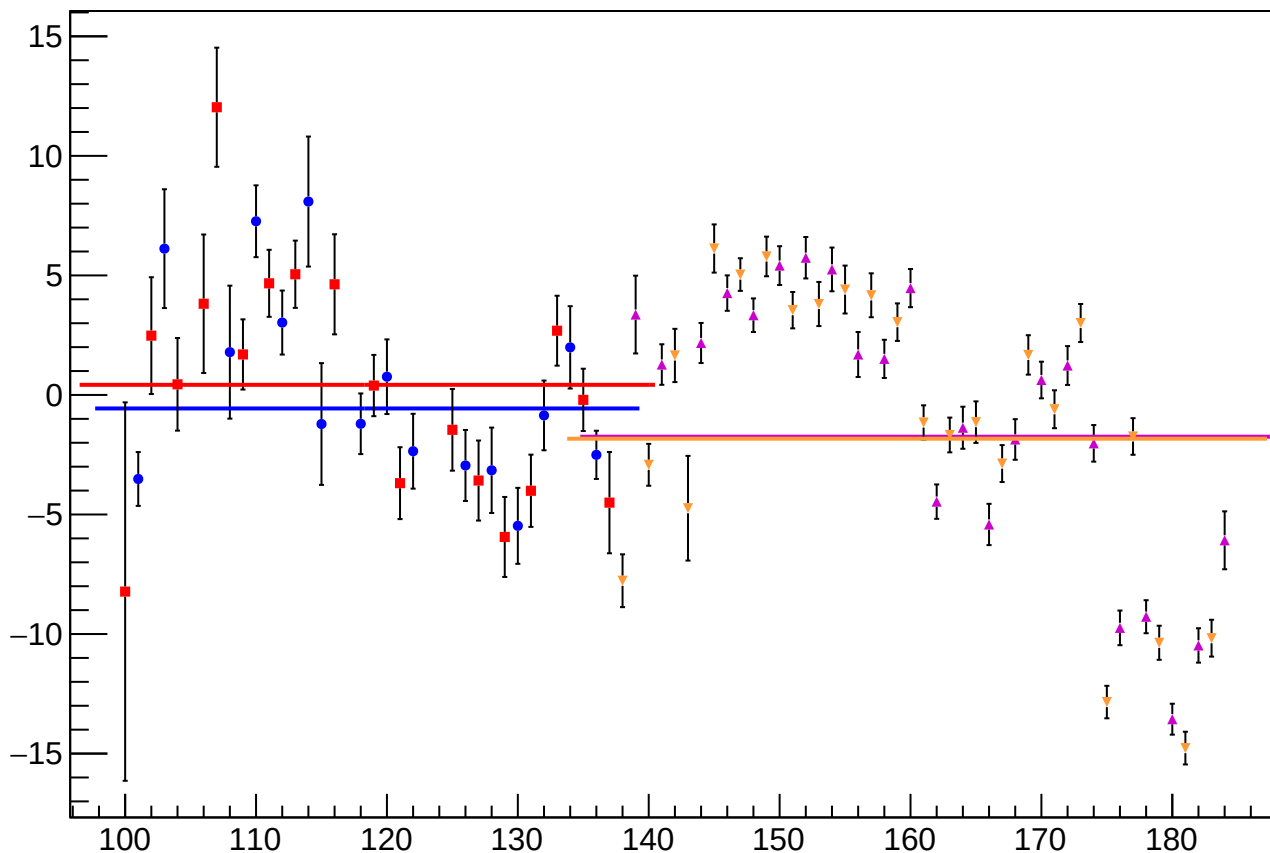
reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15
 Left Out: -46.131 ± 0.187 χ^2/NDF : 3100.9/23
 Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17
 Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

Left: -46.653 ± 0.132 χ^2/NDF : 5642.6/46
 Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33
 In: -47.592 ± 0.178 χ^2/NDF : 2817.9/38
 Out: -46.655 ± 0.179 χ^2/NDF : 3427.8/41
 All: -47.126 ± 0.126 χ^2/NDF : 6259.4/80

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: -1.830 ± 0.168 χ^2/NDF : 1439.9/23

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

Left: -1.788 ± 0.119 χ^2/NDF : 2694.1/46

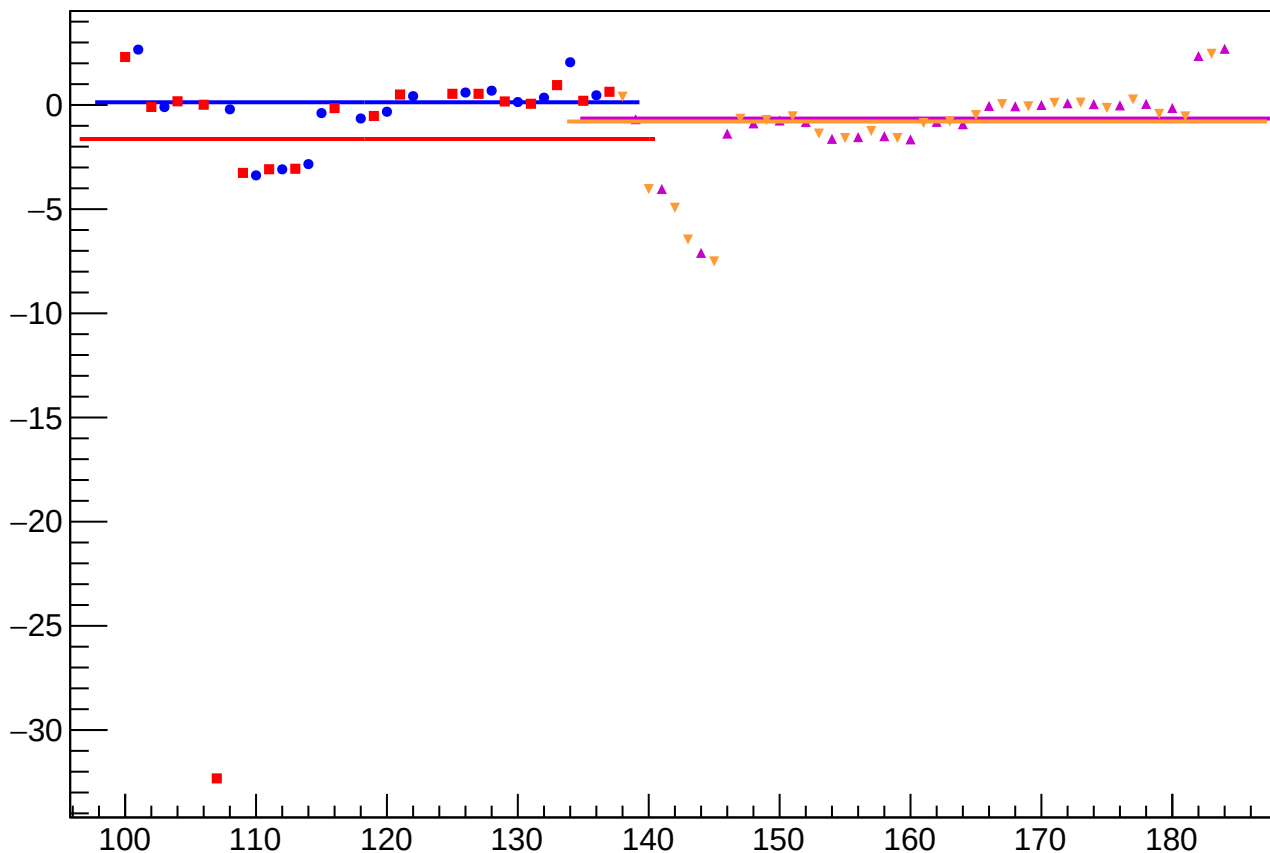
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: -1.556 ± 0.154 χ^2/NDF : 1343.9/38

Out: -1.493 ± 0.155 χ^2/NDF : 1562.2/41

All: -1.524 ± 0.109 χ^2/NDF : 2906.1/80

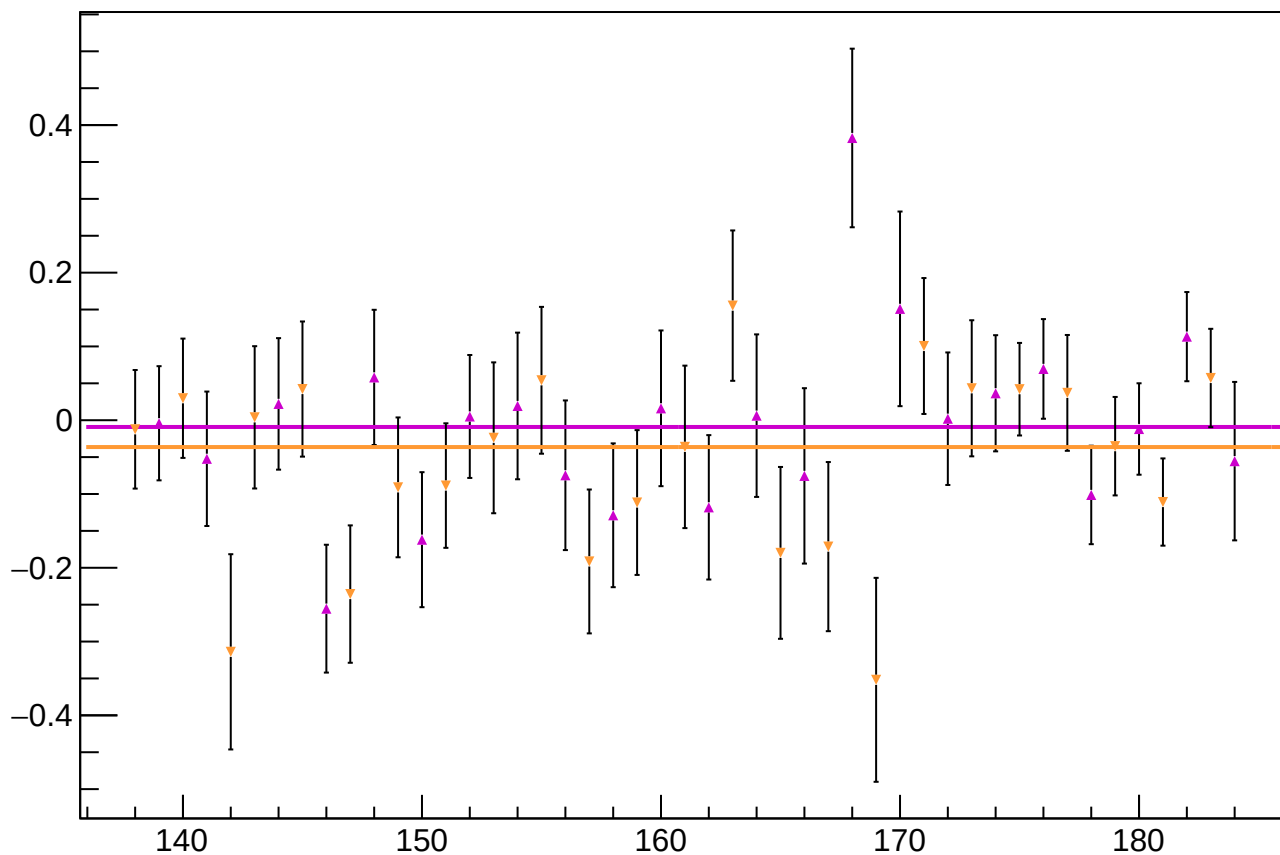
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -0.793 ± 0.008 $\chi^2/\text{NDF}: 52752.3/23$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -0.651 ± 0.008 $\chi^2/\text{NDF}: 44167.1/22$

Left: -0.722 ± 0.005 $\chi^2/\text{NDF}: 97089.5/46$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -0.564 ± 0.007 $\chi^2/\text{NDF}: 50572.9/38$
 Out: -0.886 ± 0.007 $\chi^2/\text{NDF}: 131943.2/41$
 All: -0.723 ± 0.005 $\chi^2/\text{NDF}: 183507.8/80$

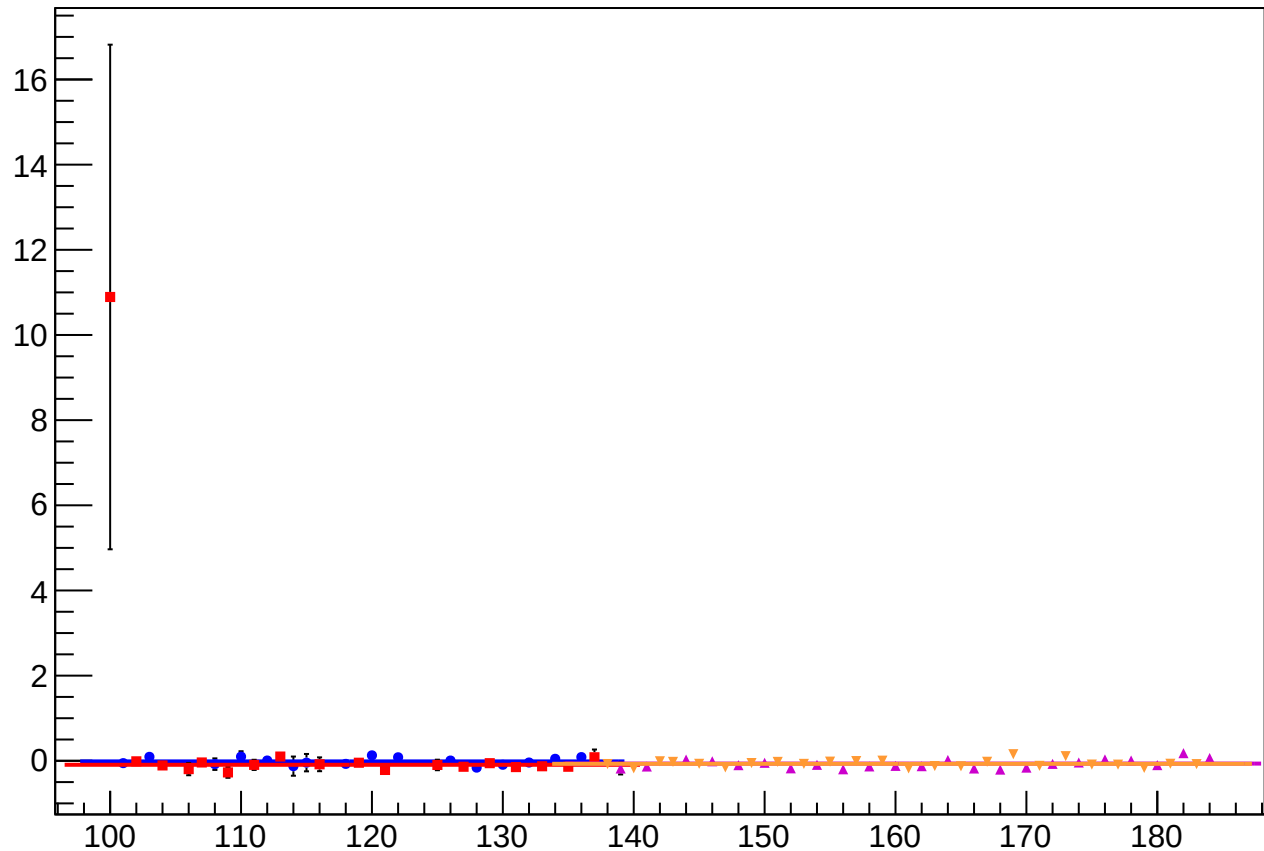
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.036 $\pm$ 0.018 χ^2 /NDF:35.9/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.009 $\pm$ 0.018 χ^2 /NDF:35.3/22

Left: -0.023 $\pm$ 0.013 χ^2 /NDF: 72.3/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.009 $\pm$ 0.018 χ^2 /NDF:35.3/22
 Out: -0.036 $\pm$ 0.018 χ^2 /NDF:35.9/23
 All: -0.023 $\pm$ 0.013 χ^2 /NDF: 72.3/46

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.023 χ^2 /NDF: 12.5/15

Left Out: -0.071 $\pm$ 0.014 χ^2 /NDF:28.3/23

Right Out: -0.093 $\pm$ 0.025 χ^2 /NDF: 13.5/17

Left In: -0.065 $\pm$ 0.014 χ^2 /NDF:40.4/22

Left: -0.068 $\pm$ 0.010 χ^2 /NDF: 68.7/46

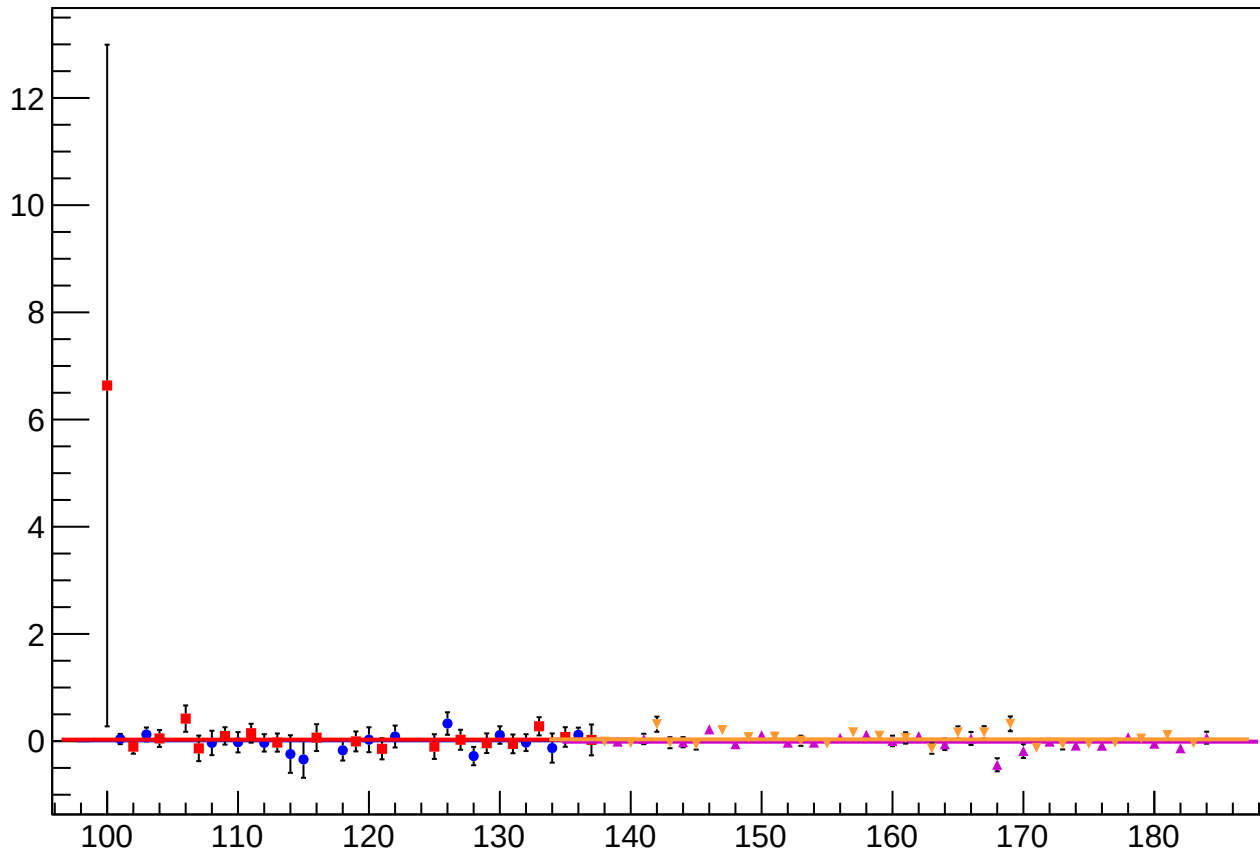
Right: -0.051 $\pm$ 0.017 χ^2 /NDF: 31.5/33

In: -0.051 $\pm$ 0.012 χ^2 /NDF:56.4/38

Out: -0.076 $\pm$ 0.012 χ^2 /NDF:42.5/41

All: -0.064 $\pm$ 0.009 χ^2 /NDF: 100.9/80

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.033+/-0.018 χ^2/NDF :32.9/23

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: -0.010+/-0.018 χ^2/NDF :37.1/22

Left: 0.012+/-0.013 χ^2/NDF : 72.9/46

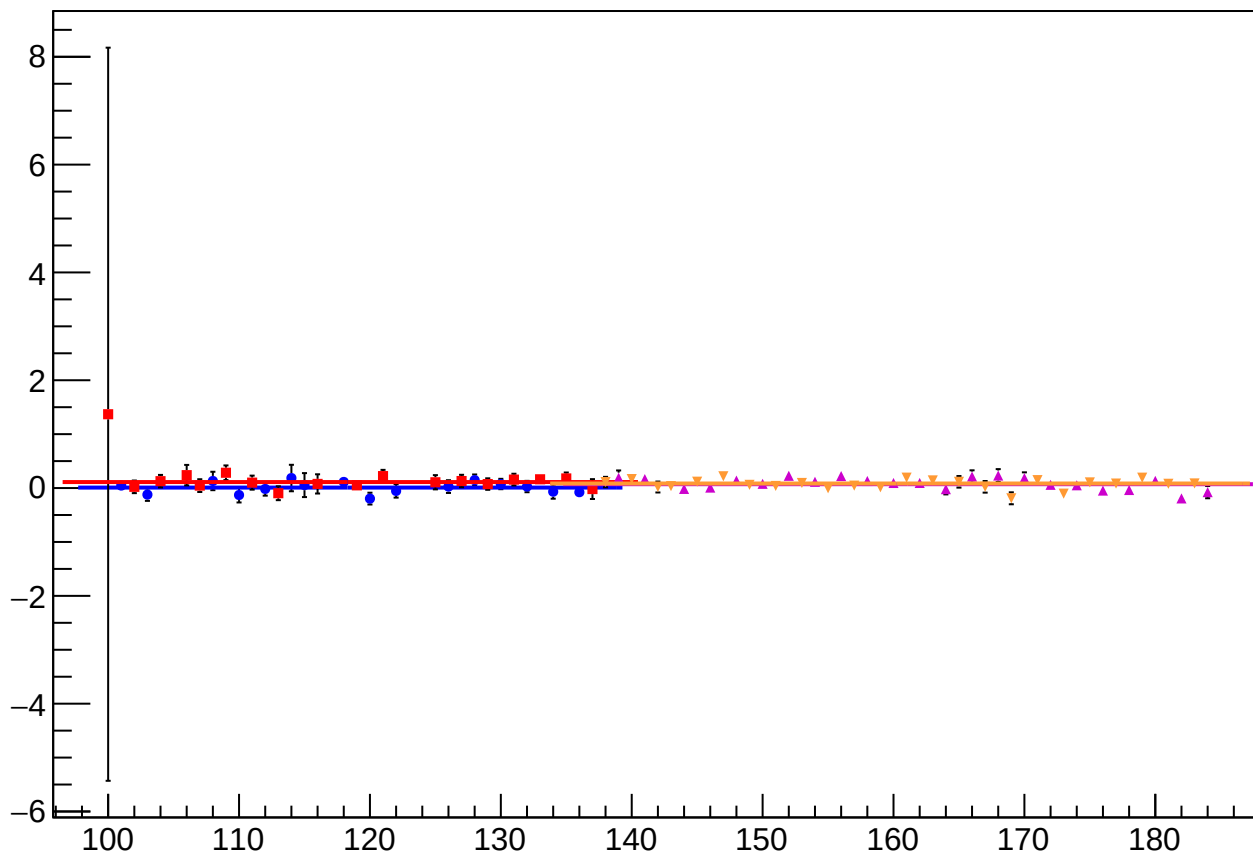
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: -0.006+/-0.017 χ^2/NDF :47.5/38

Out: 0.033+/-0.017 χ^2/NDF :42.4/41

All: 0.013+/-0.012 χ^2/NDF : 92.7/80

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.027 χ^2/NDF : 12.6/15

Left Out: 0.084+/-0.016 χ^2/NDF : 28.1/23

Right Out: 0.111+/-0.029 χ^2/NDF : 8.6/17

Left In: 0.071+/-0.016 χ^2/NDF : 44.0/22

Left: 0.078+/-0.011 χ^2/NDF : 72.4/46

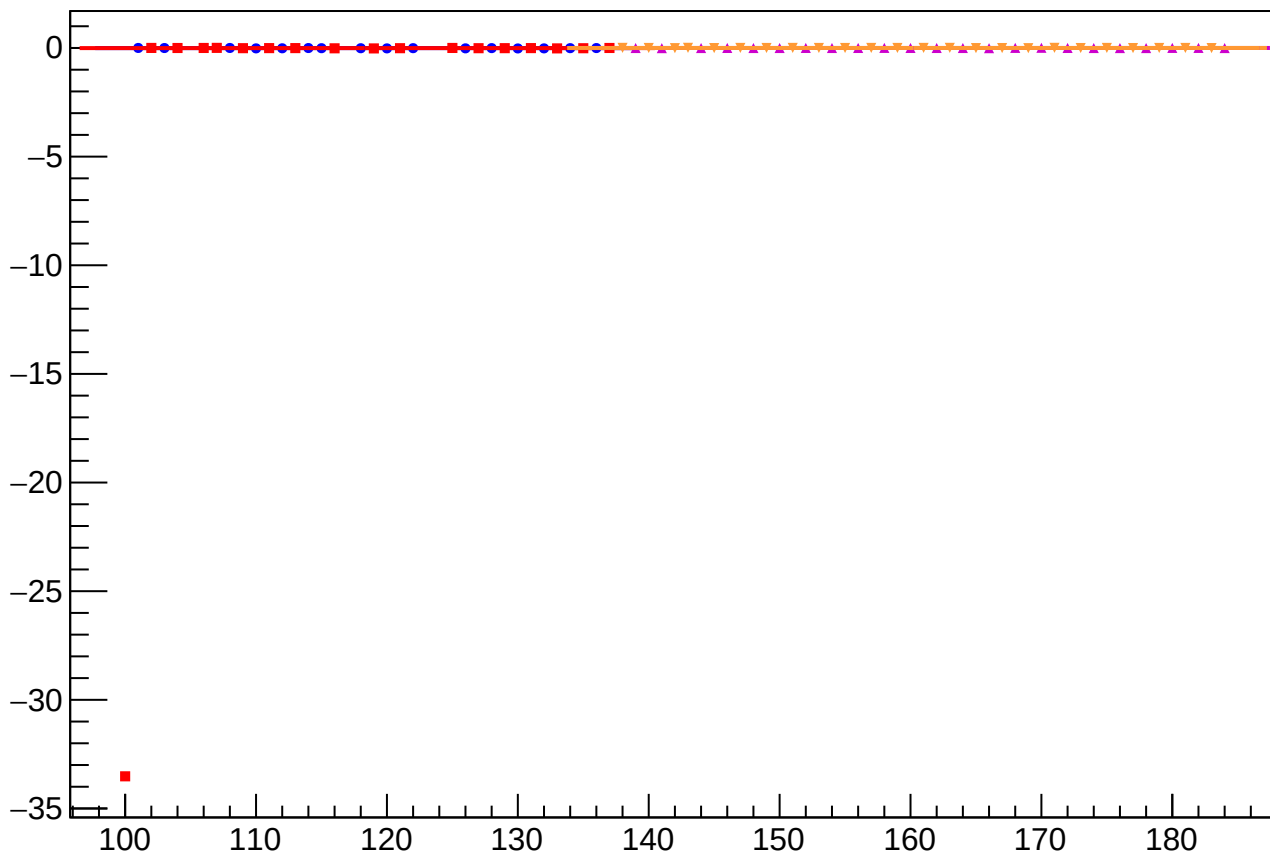
Right: 0.057+/-0.020 χ^2/NDF : 28.0/33

In: 0.055+/-0.014 χ^2/NDF : 60.5/38

Out: 0.091+/-0.014 χ^2/NDF : 37.4/41

All: 0.073+/-0.010 χ^2/NDF : 101.3/80

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 25.5/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

Left: 0.000 ± 0.001 χ^2/NDF : 48.1/46

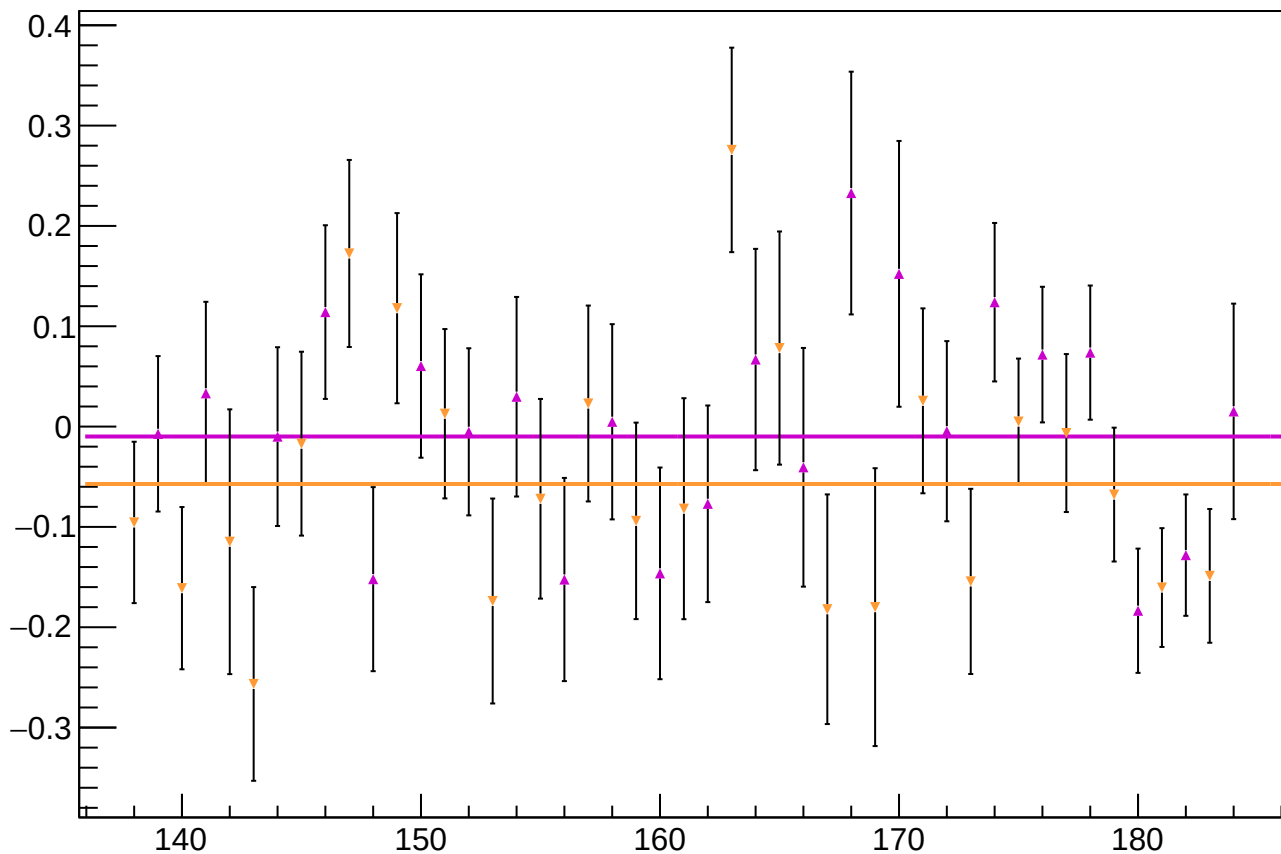
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.001 ± 0.001 χ^2/NDF : 57.0/38

Out: -0.001 ± 0.001 χ^2/NDF : 26550.8/41

All: -0.001 ± 0.000 χ^2/NDF : 26608.0/80

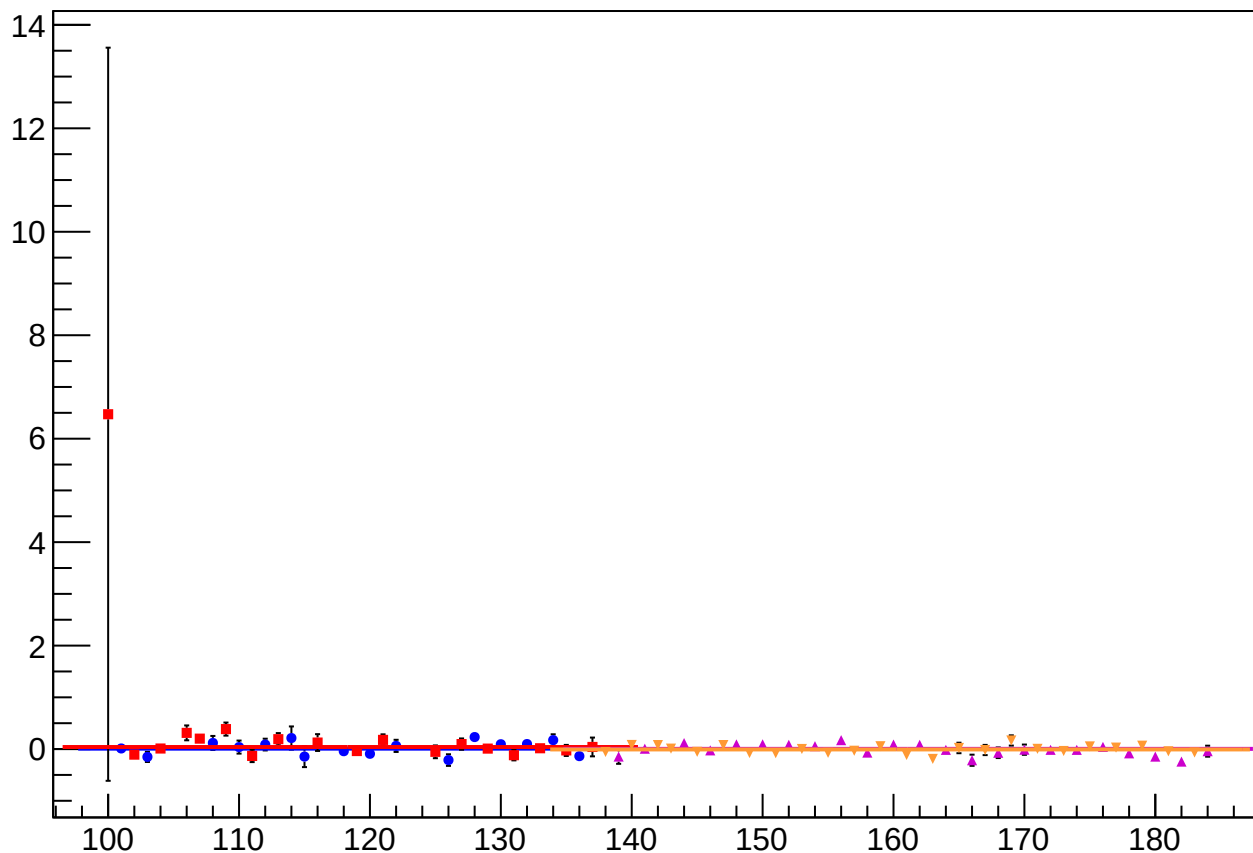
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.057 $\pm$ 0.018 χ^2 /NDF:41.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.010 $\pm$ 0.018 χ^2 /NDF:33.3/22

Left: -0.034 $\pm$ 0.013 χ^2 /NDF: 77.9/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.010 $\pm$ 0.018 χ^2 /NDF:33.3/22
 Out: -0.057 $\pm$ 0.018 χ^2 /NDF:41.2/23
 All: -0.034 $\pm$ 0.013 χ^2 /NDF: 77.9/46

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008+/-0.023 χ^2/NDF : 23.7/15

Left Out: -0.007+/-0.014 χ^2/NDF : 27.0/23

Right Out: 0.039+/-0.025 χ^2/NDF : 28.4/17

Left In: 0.004+/-0.014 χ^2/NDF : 50.3/22

Left: -0.002+/-0.010 χ^2/NDF : 77.6/46

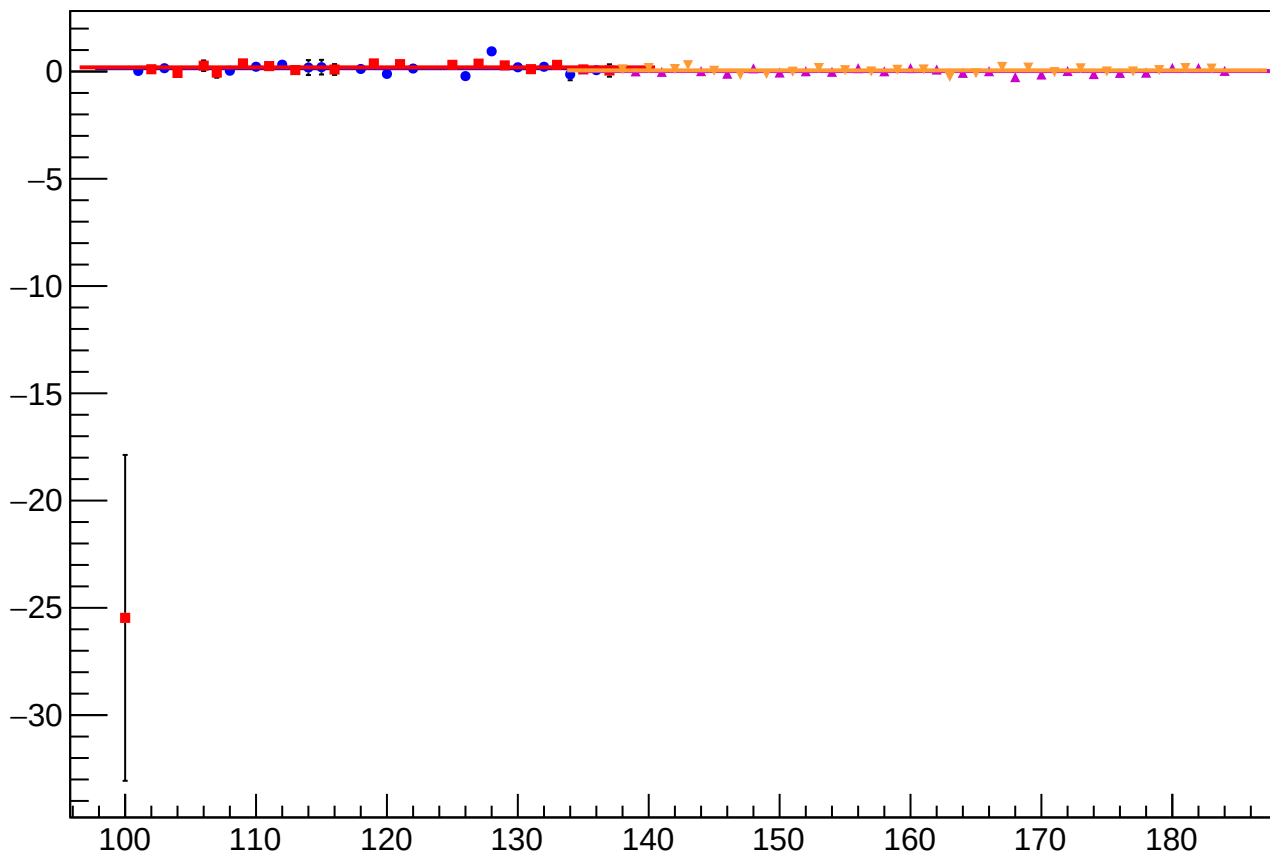
Right: 0.023+/-0.017 χ^2/NDF : 52.9/33

In: 0.005+/-0.012 χ^2/NDF : 74.0/38

Out: 0.004+/-0.012 χ^2/NDF : 58.1/41

All: 0.004+/-0.009 χ^2/NDF : 132.1/80

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.054 $\pm$ 0.018 χ^2 /NDF:40.5/23

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: 0.021 $\pm$ 0.018 χ^2 /NDF:34.0/22

Left: 0.038 $\pm$ 0.013 χ^2 /NDF: 76.2/46

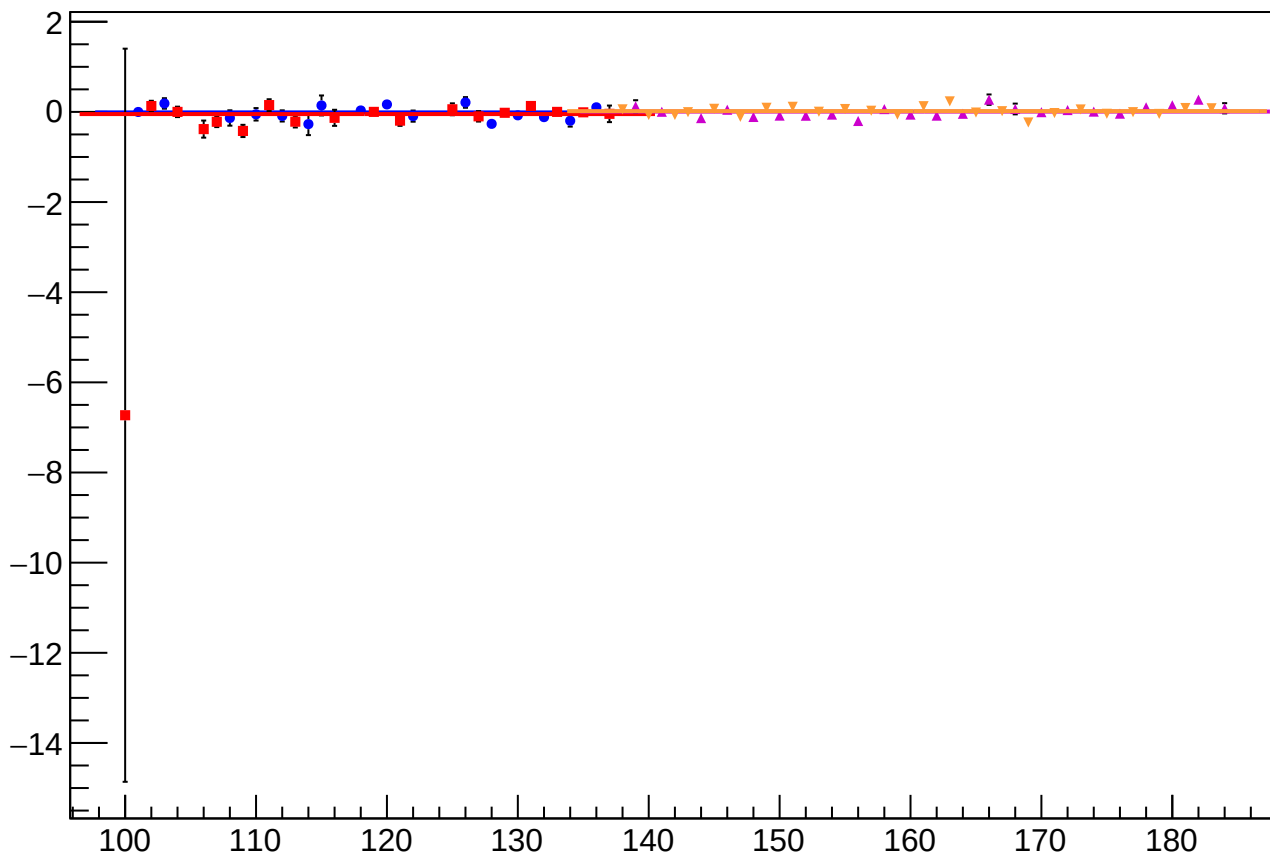
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.041 $\pm$ 0.017 χ^2 /NDF:72.7/38

Out: 0.073 $\pm$ 0.017 χ^2 /NDF:70.8/41

All: 0.057 $\pm$ 0.012 χ^2 /NDF: 145.3/80

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.017 ± 0.016 χ^2/NDF : 29.9/23

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

Left: 0.012 ± 0.011 χ^2/NDF : 80.7/46

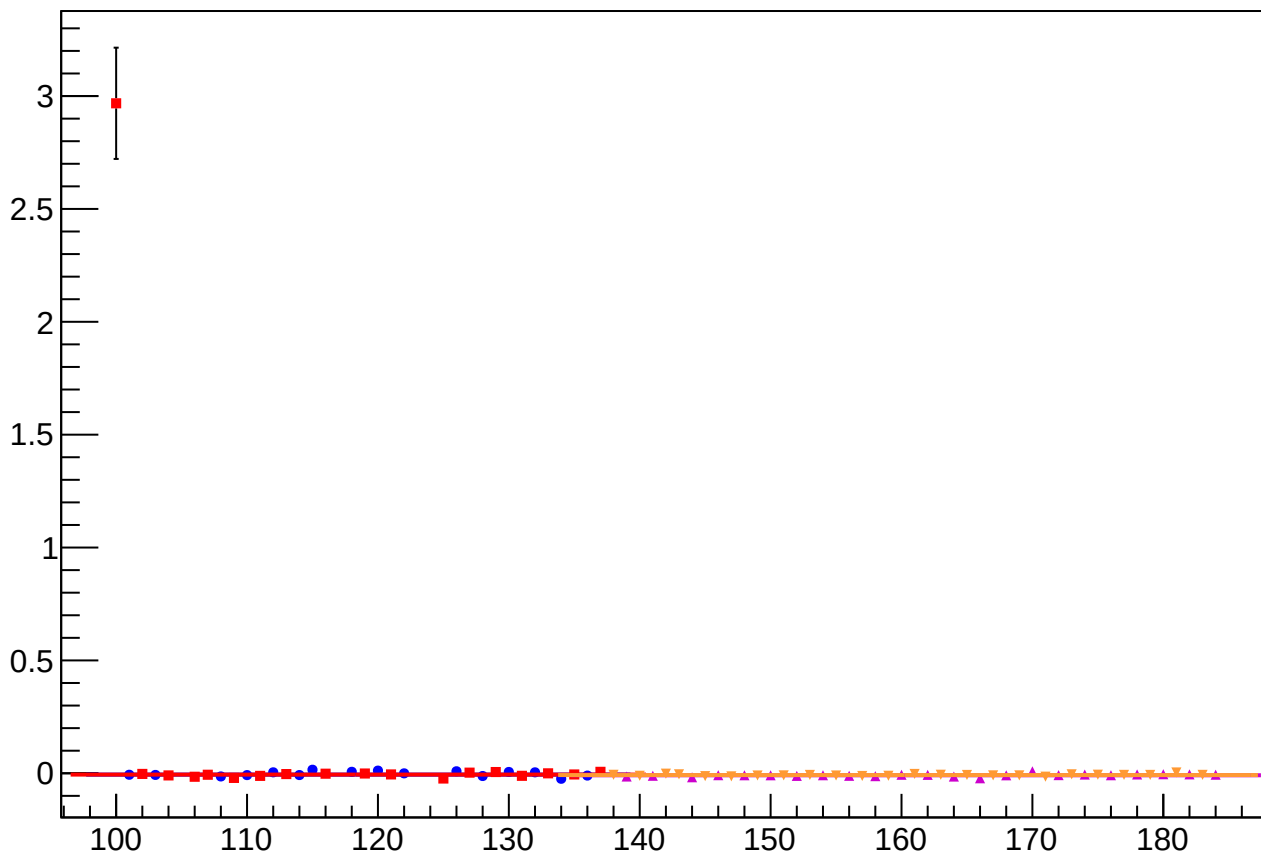
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: 0.002 ± 0.014 χ^2/NDF : 74.4/38

Out: 0.001 ± 0.014 χ^2/NDF : 60.0/41

All: 0.002 ± 0.010 χ^2/NDF : 134.5/80

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 30.5/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.009 ± 0.001 χ^2/NDF : 39.2/22

Left: -0.008 ± 0.001 χ^2/NDF : 70.4/46

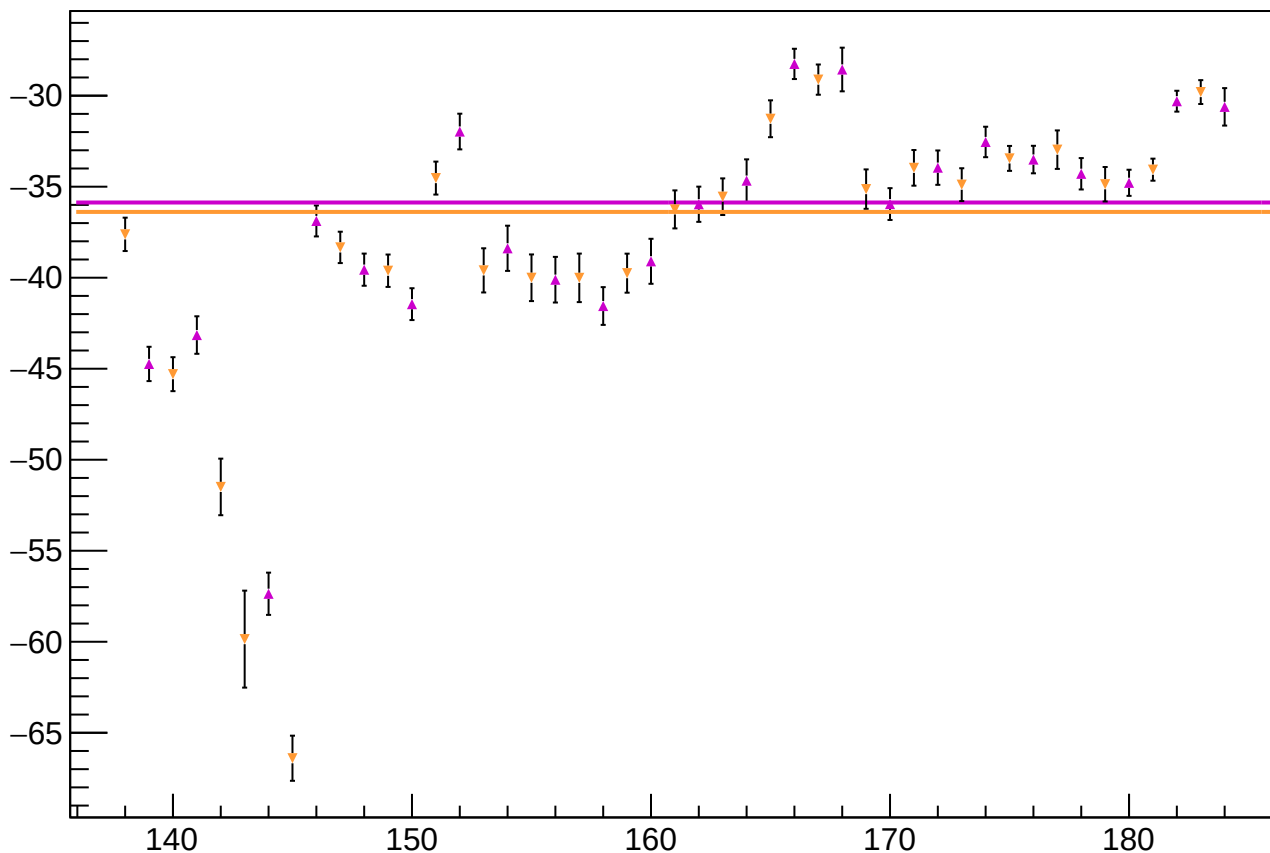
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.008 ± 0.001 χ^2/NDF : 71.0/38

Out: -0.007 ± 0.001 χ^2/NDF : 197.4/41

All: -0.008 ± 0.000 χ^2/NDF : 269.0/80

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.386+/-0.193 χ^2/NDF :1166.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -35.869+/-0.191 χ^2/NDF :887.1/22

Left: -36.124+/-0.136 χ^2/NDF : 2057.2/46

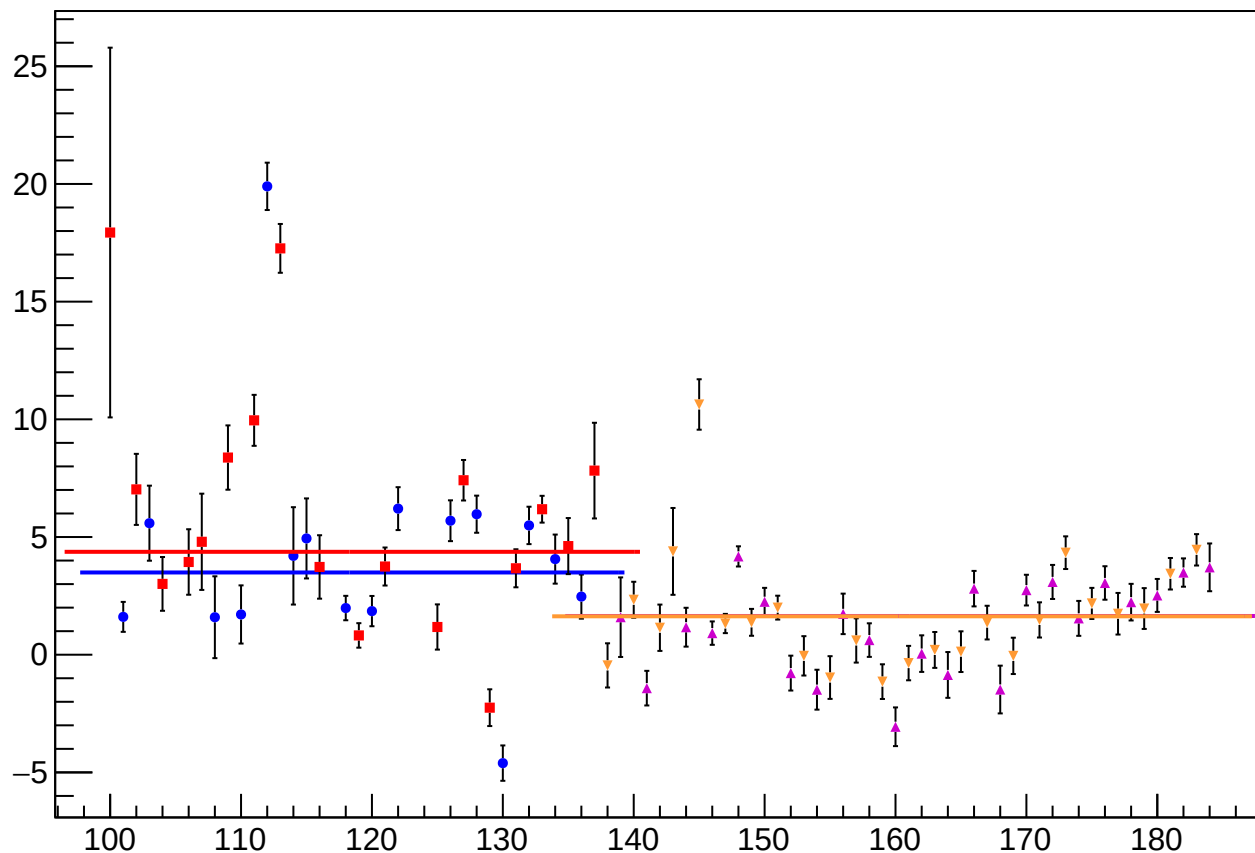
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.869+/-0.191 χ^2/NDF :887.1/22

Out: -36.386+/-0.193 χ^2/NDF :1166.4/23

All: -36.124+/-0.136 χ^2/NDF : 2057.2/46

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.632 $\pm$ 0.148 χ^2 /NDF:167.8/23

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.646 $\pm$ 0.149 χ^2 /NDF:164.1/22

Left: 1.639 $\pm$ 0.105 χ^2 /NDF: 331.9/46

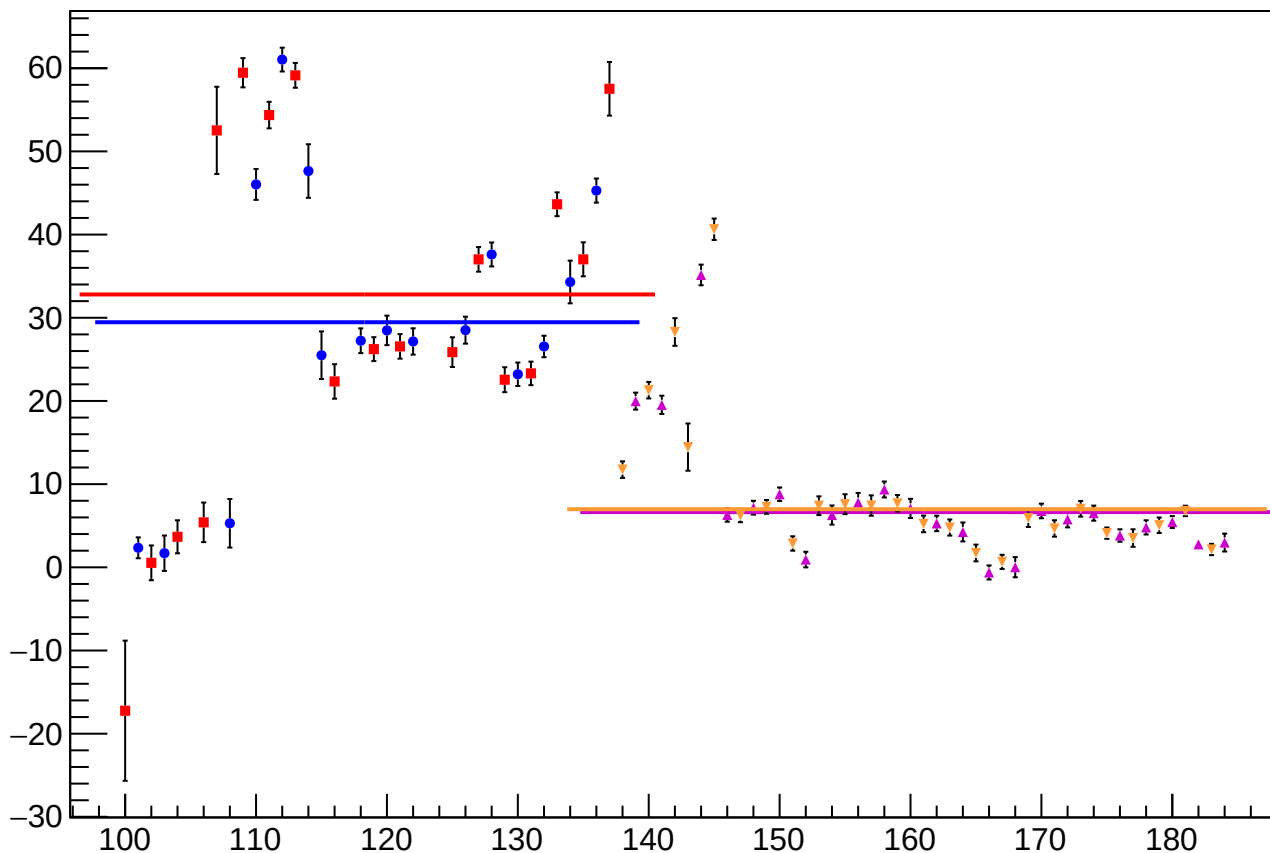
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.236 $\pm$ 0.123 χ^2 /NDF:658.0/38

Out: 2.461 $\pm$ 0.124 χ^2 /NDF:625.0/41

All: 2.348 $\pm$ 0.087 χ^2 /NDF: 1284.7/80

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 6.988 $\pm$ 0.193 χ^2 /NDF:1291.7/23

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 6.639 $\pm$ 0.190 χ^2 /NDF:1077.2/22

Left: 6.811 $\pm$ 0.135 χ^2 /NDF: 2370.6/46

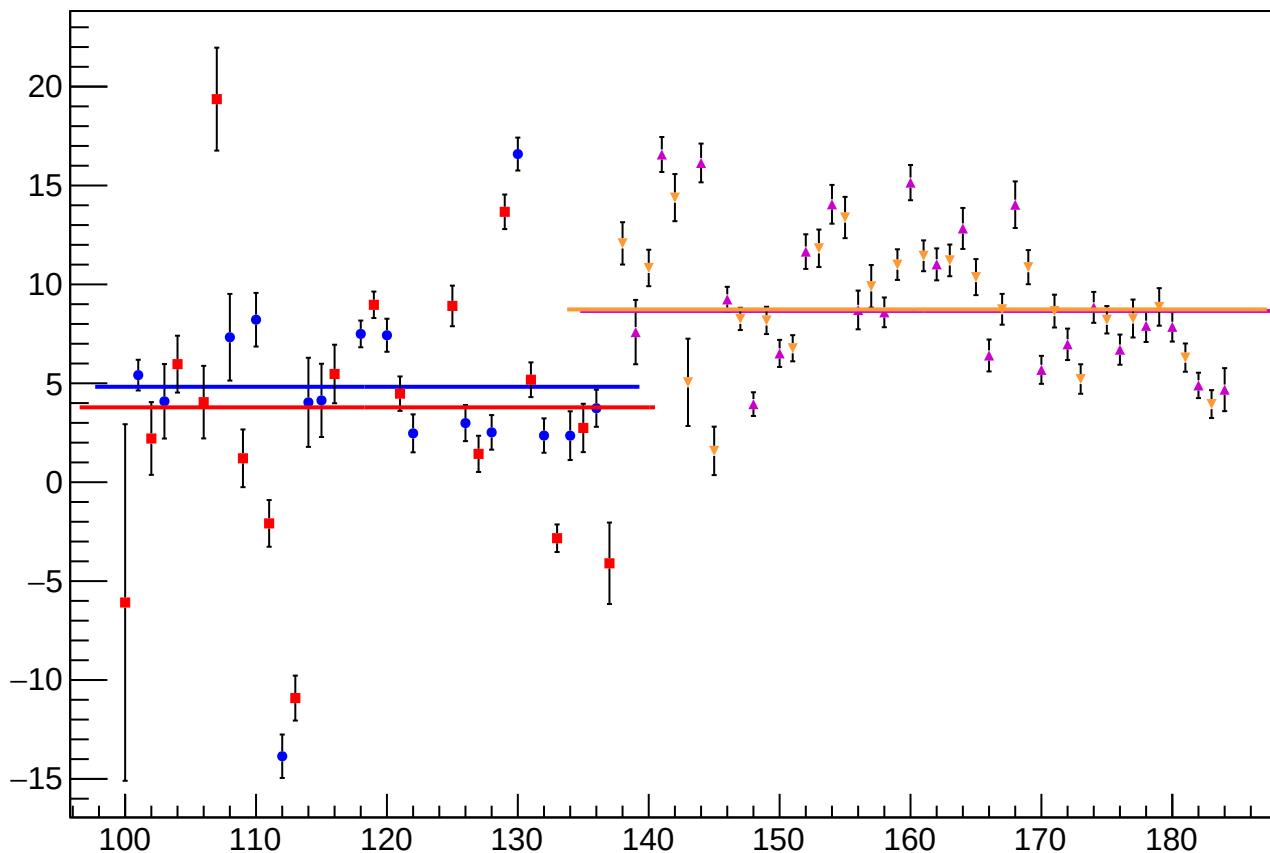
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 10.547 $\pm$ 0.173 χ^2 /NDF:5045.4/38

Out: 11.425 $\pm$ 0.175 χ^2 /NDF:6036.6/41

All: 10.979 $\pm$ 0.123 χ^2 /NDF: 11094.8/80

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: 8.736 $\pm$ 0.170 χ^2 /NDF:236.5/23

Right Out: 3.784 $\pm$ 0.259 χ^2 /NDF: 564.8/17

Left In: 8.659 $\pm$ 0.170 χ^2 /NDF:438.0/22

Left: 8.697 $\pm$ 0.120 χ^2 /NDF: 674.6/46

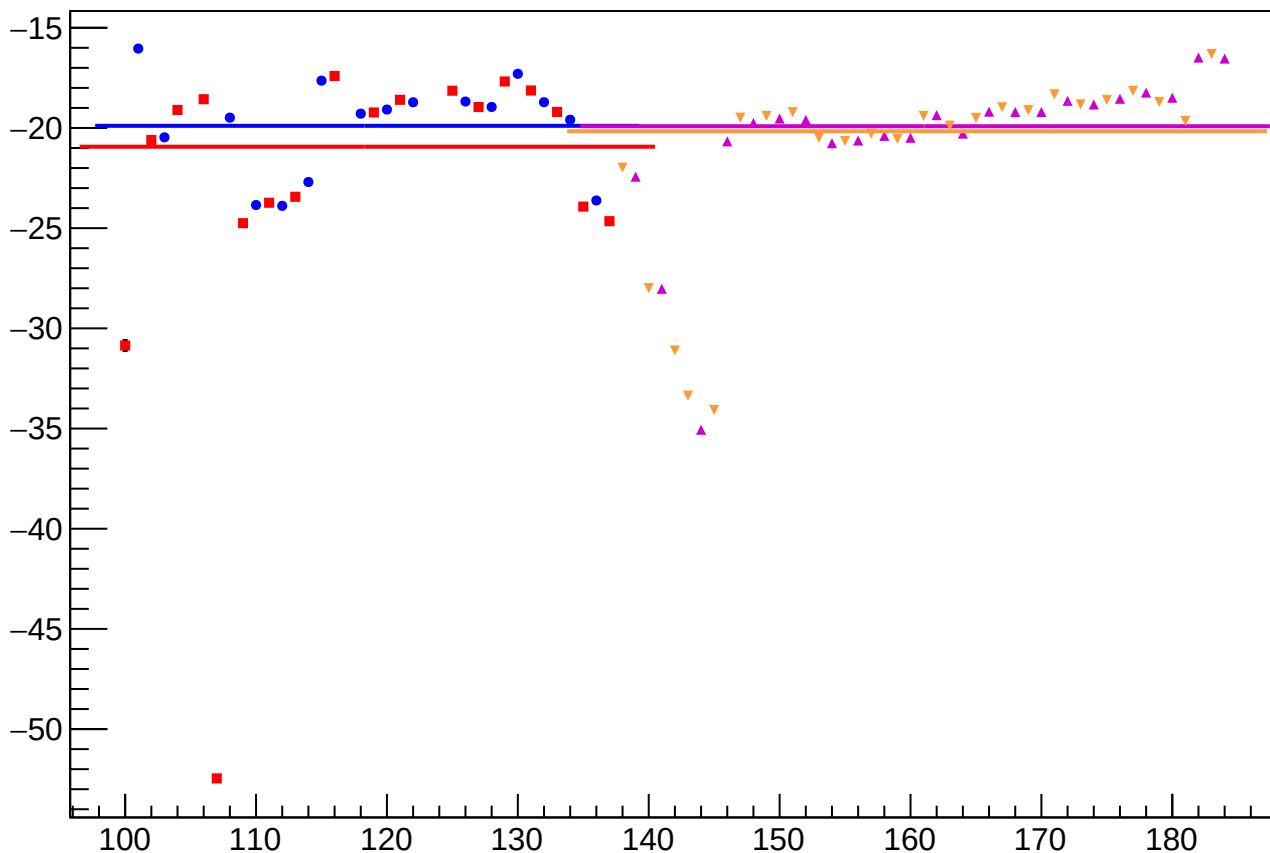
Right: 4.319 $\pm$ 0.180 χ^2 /NDF: 1126.1/33

In: 7.460 $\pm$ 0.141 χ^2 /NDF:1150.6/38

Out: 7.245 $\pm$ 0.142 χ^2 /NDF:1057.0/41

All: 7.354 $\pm$ 0.100 χ^2 /NDF: 2208.8/80

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: -20.164 ± 0.008 $\chi^2/\text{NDF}: 179671.0/23$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -19.912 ± 0.008 $\chi^2/\text{NDF}: 145487.3/22$

Left: -20.035 ± 0.006 $\chi^2/\text{NDF}: 325665.9/46$

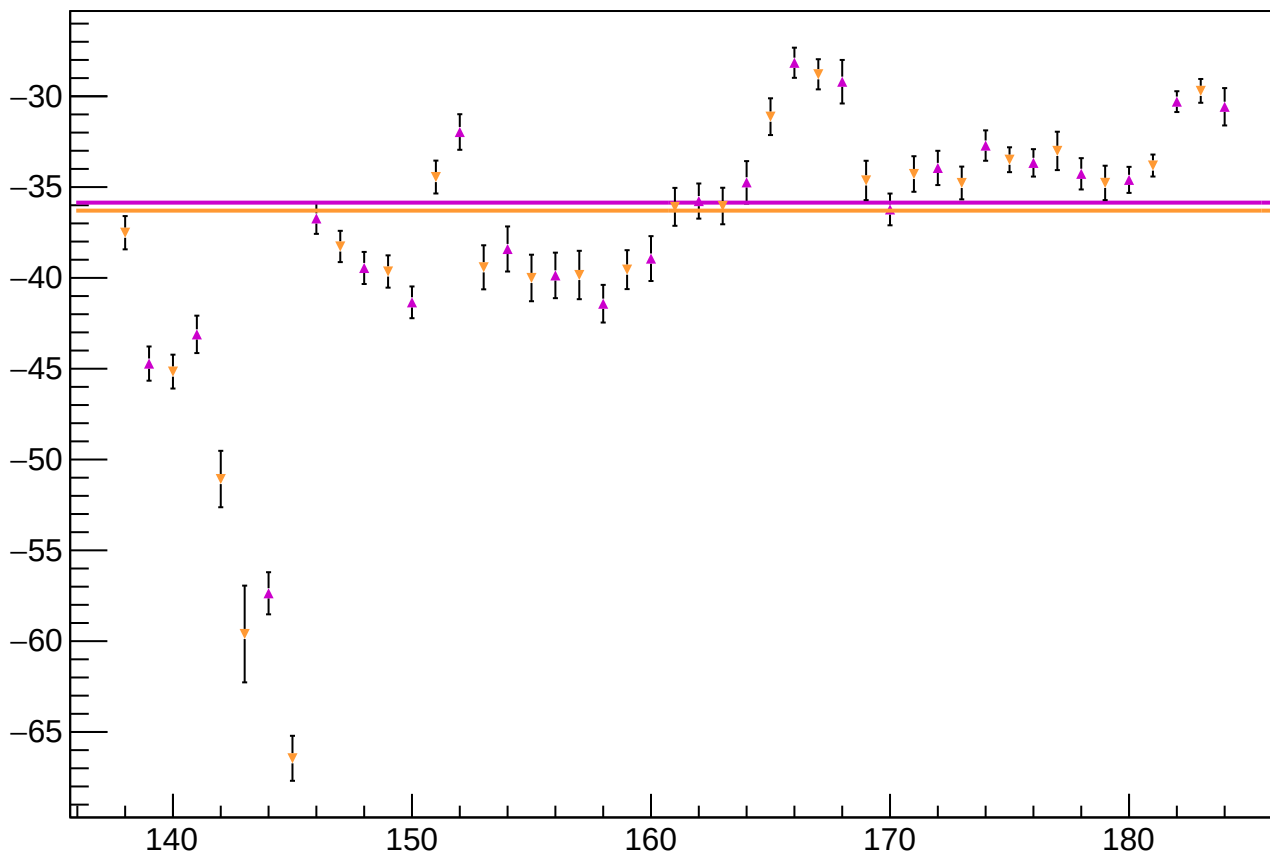
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -19.908 ± 0.007 $\chi^2/\text{NDF}: 171581.0/38$

Out: -20.322 ± 0.007 $\chi^2/\text{NDF}: 275721.8/41$

All: -20.111 ± 0.005 $\chi^2/\text{NDF}: 449025.9/80$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.296+/-0.193 χ^2/NDF :1171.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -35.856+/-0.191 χ^2/NDF :875.9/22

Left: -36.073+/-0.136 χ^2/NDF : 2049.9/46

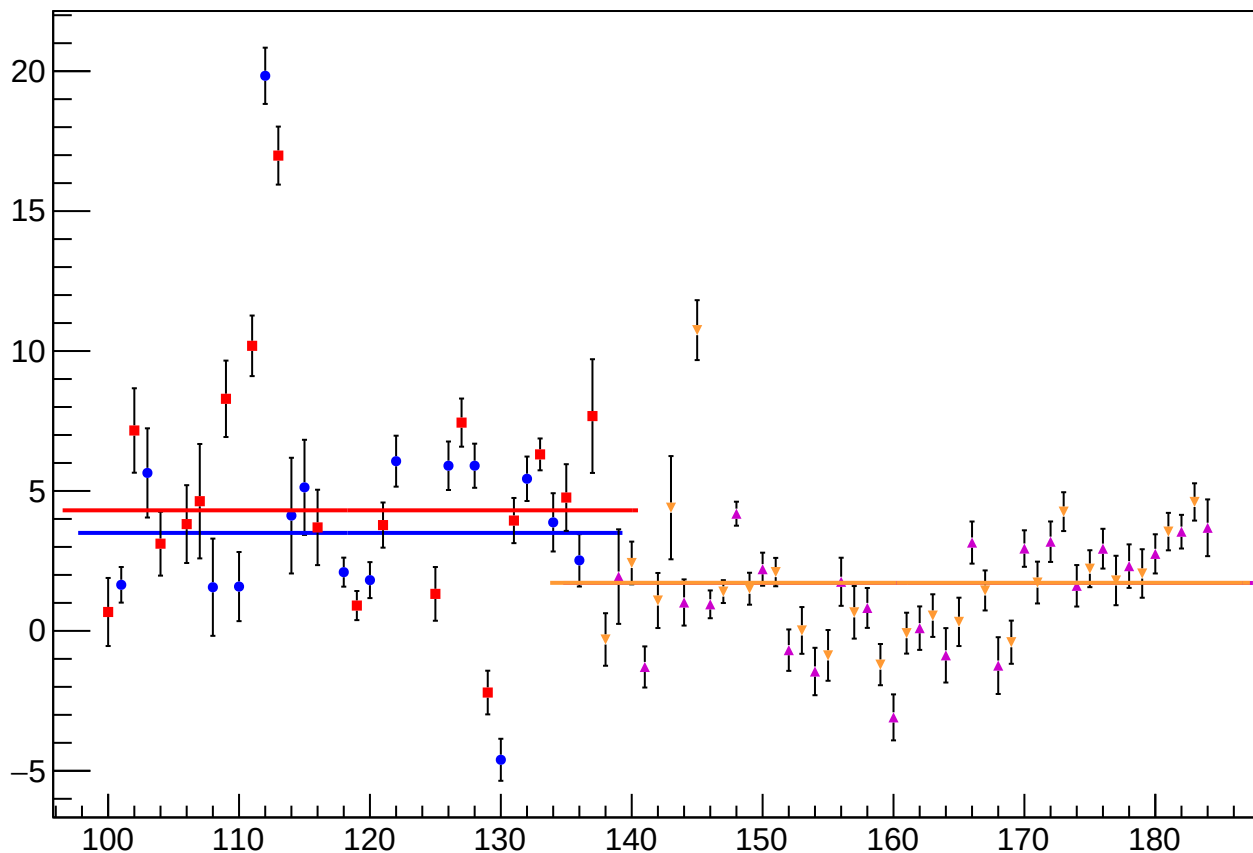
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.856+/-0.191 χ^2/NDF :875.9/22

Out: -36.296+/-0.193 χ^2/NDF :1171.4/23

All: -36.073+/-0.136 χ^2/NDF : 2049.9/46

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.717 ± 0.148 $\chi^2/\text{NDF}: 169.0/23$

Right Out: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.712 ± 0.149 $\chi^2/\text{NDF}: 164.1/22$

Left: 1.715 ± 0.105 $\chi^2/\text{NDF}: 333.1/46$

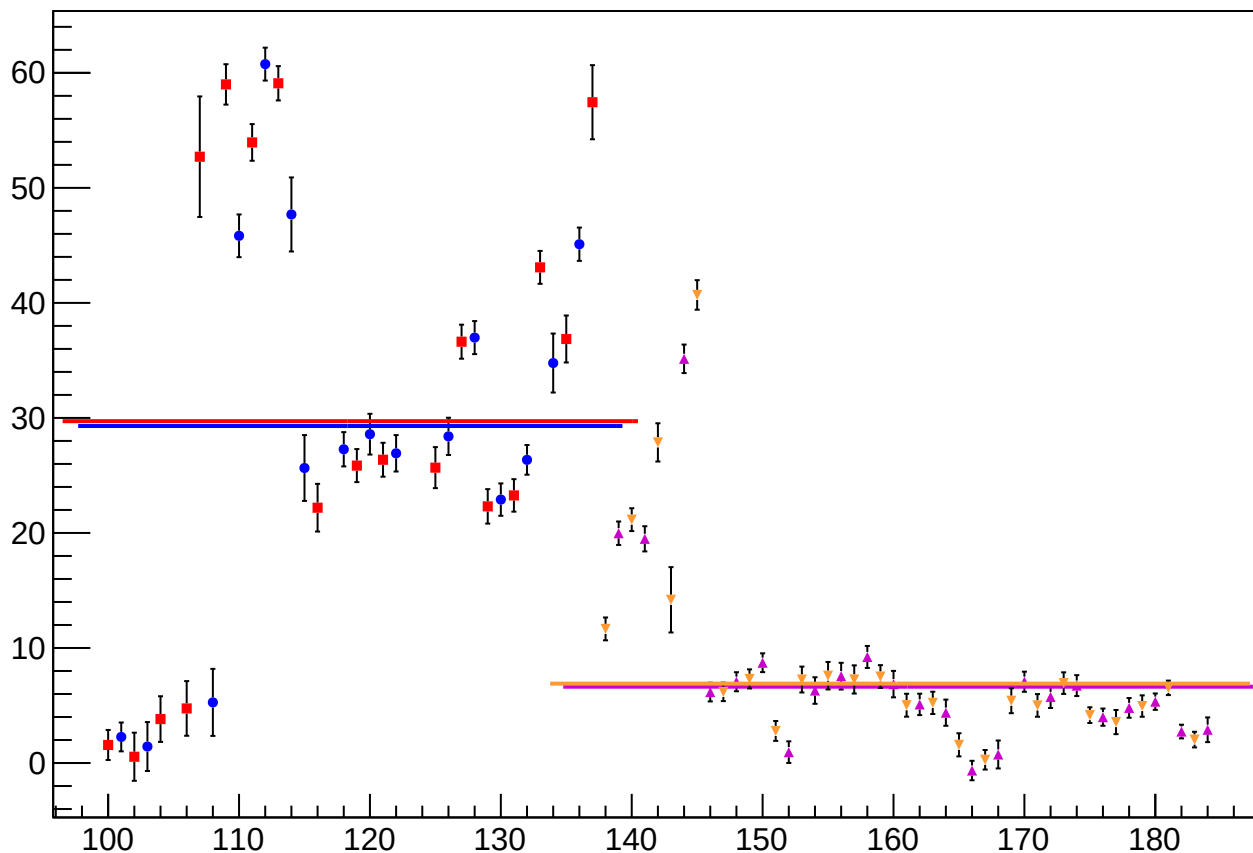
Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

In: 2.284 ± 0.123 $\chi^2/\text{NDF}: 652.0/38$

Out: 2.519 ± 0.123 $\chi^2/\text{NDF}: 616.3/41$

All: 2.401 ± 0.087 $\chi^2/\text{NDF}: 1270.2/80$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 6.901 $\pm$ 0.193 χ^2 /NDF:1293.3/23

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 6.635 $\pm$ 0.190 χ^2 /NDF:1070.4/22

Left: 6.766 $\pm$ 0.135 χ^2 /NDF: 2364.7/46

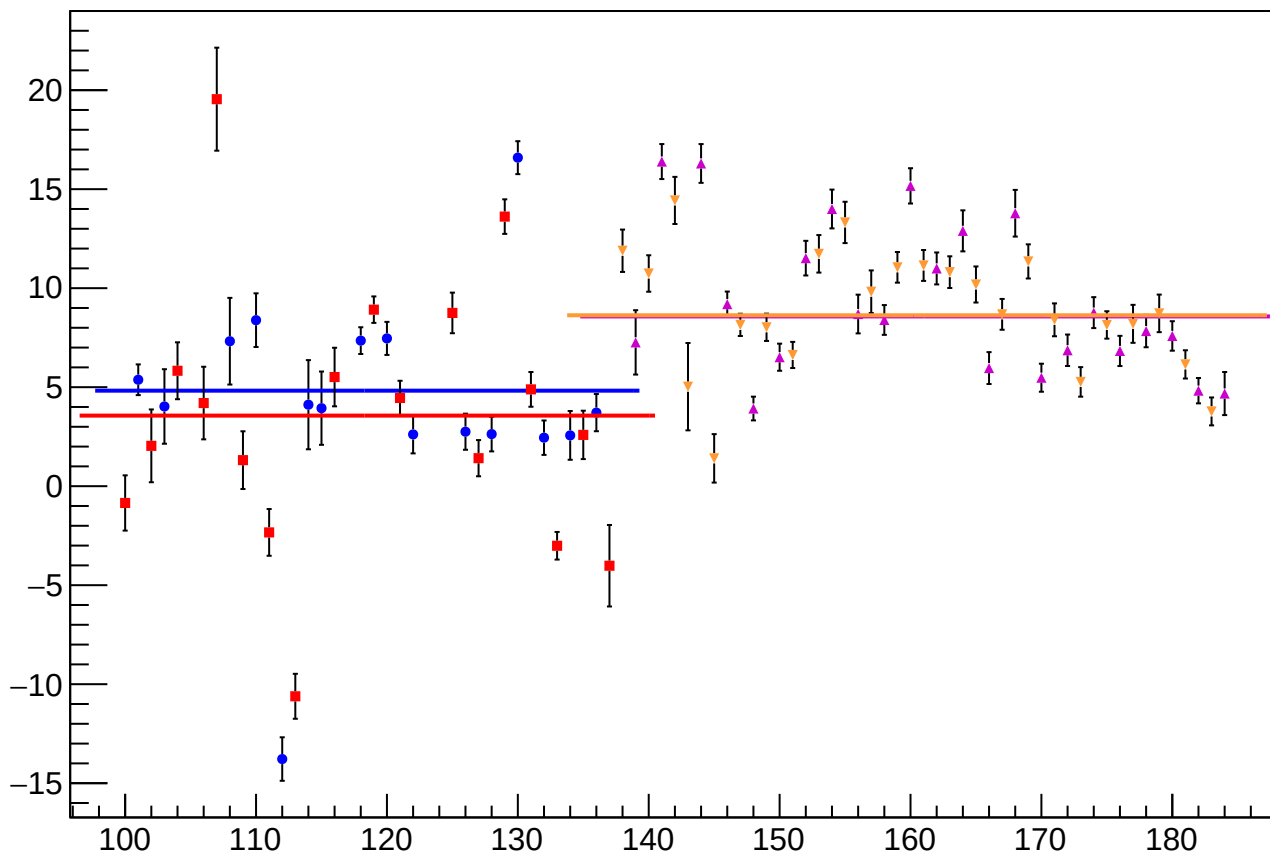
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 10.515 $\pm$ 0.173 χ^2 /NDF:5000.6/38

Out: 11.150 $\pm$ 0.174 χ^2 /NDF:6036.8/41

All: 10.831 $\pm$ 0.122 χ^2 /NDF: 11044.1/80

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: 8.632 ± 0.170 χ^2/NDF : 239.9/23

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 8.573 ± 0.170 χ^2/NDF : 443.4/22

Left: 8.602 ± 0.120 χ^2/NDF : 683.4/46

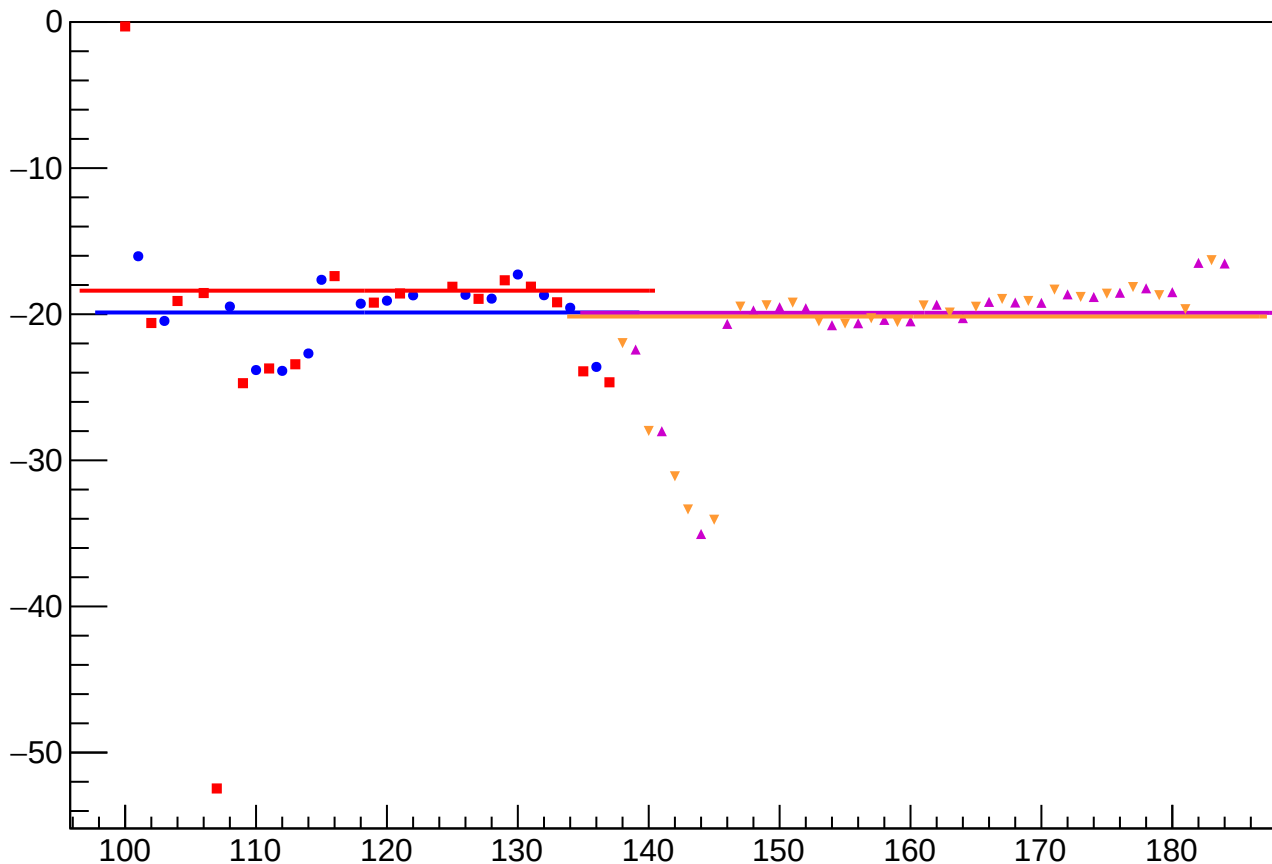
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.401 ± 0.141 χ^2/NDF : 1145.4/38

Out: 7.070 ± 0.141 χ^2/NDF : 1084.6/41

All: 7.236 ± 0.100 χ^2/NDF : 2232.7/80

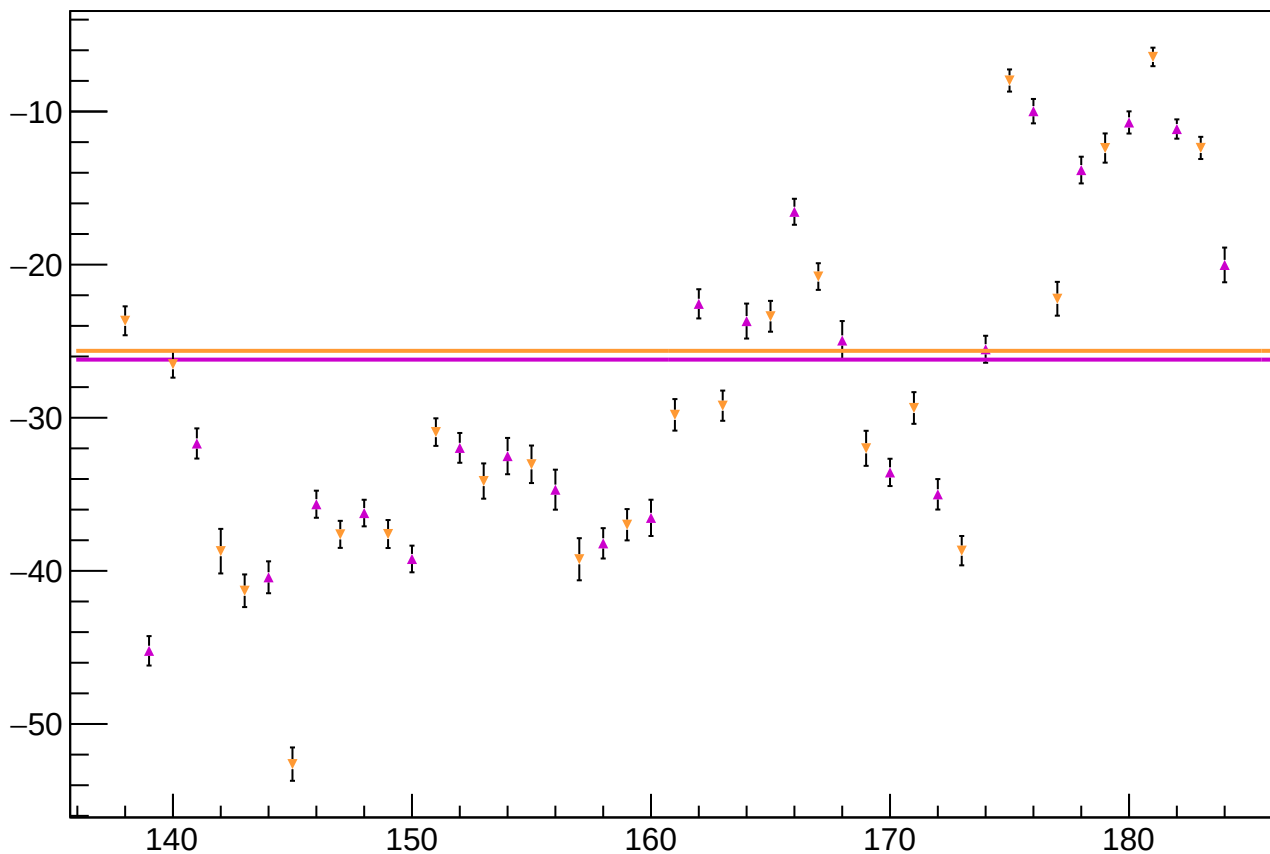
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -20.156 ± 0.008 $\chi^2/\text{NDF}: 179830.3/23$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -19.905 ± 0.008 $\chi^2/\text{NDF}: 145346.7/22$

Left: -20.028 ± 0.006 $\chi^2/\text{NDF}: 325686.6/46$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -19.900 ± 0.007 $\chi^2/\text{NDF}: 171430.6/38$
 Out: -19.756 ± 0.007 $\chi^2/\text{NDF}: 492233.5/41$
 All: -19.828 ± 0.005 $\chi^2/\text{NDF}: 663874.1/80$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



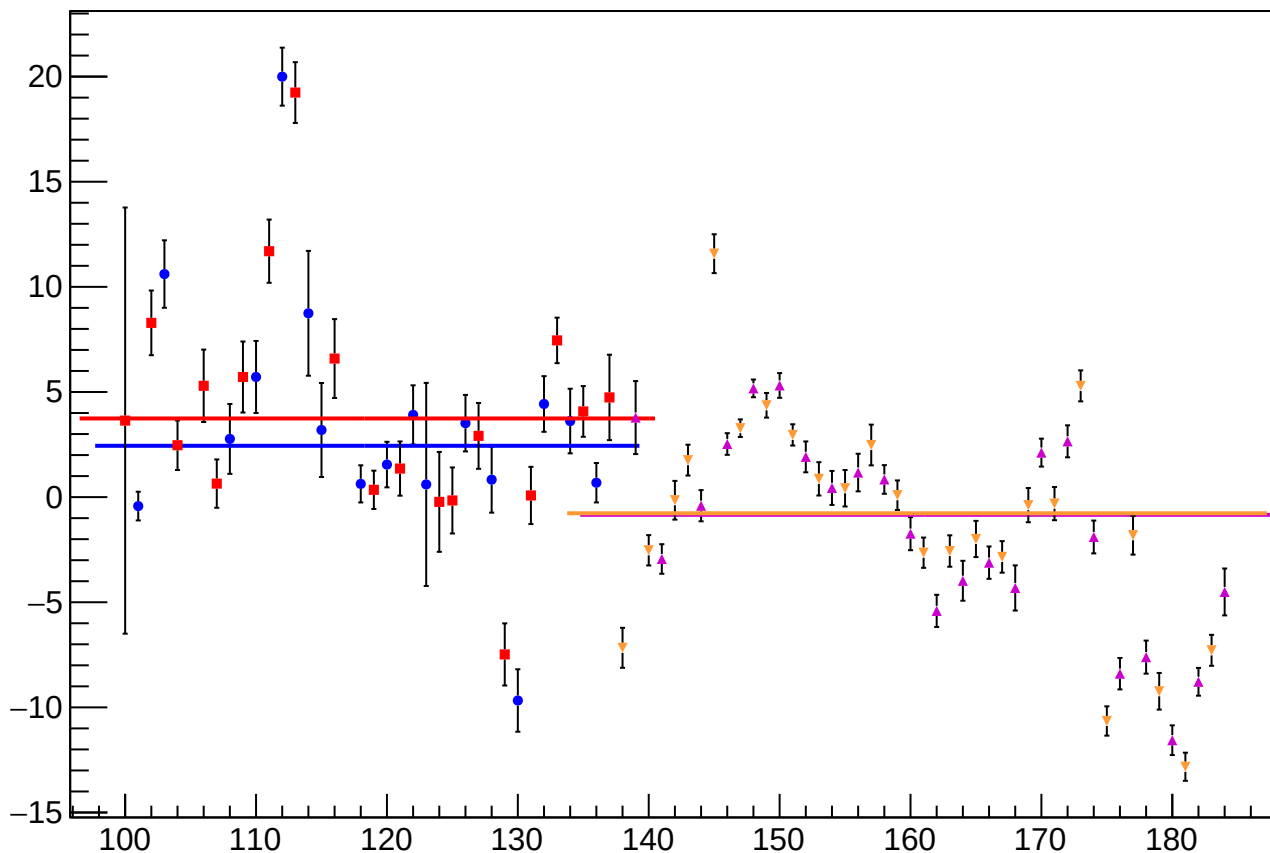
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.630+/-0.193 χ^2/NDF : 4054.2/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.204+/-0.194 χ^2/NDF : 3377.8/22

Left: -25.916+/-0.137 χ^2/NDF : 7436.4/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.204+/-0.194 χ^2/NDF : 3377.8/22
 Out: -25.630+/-0.193 χ^2/NDF : 4054.2/23

All: -25.916+/-0.137 χ^2/NDF : 7436.4/46

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -0.768 ± 0.147 $\chi^2/\text{NDF}: 1276.3/23$

Right Out: 3.740 ± 0.326 $\chi^2/\text{NDF}: 268.1/18$

Left In: -0.842 ± 0.150 $\chi^2/\text{NDF}: 1071.6/22$

Left: -0.804 ± 0.105 $\chi^2/\text{NDF}: 2348.1/46$

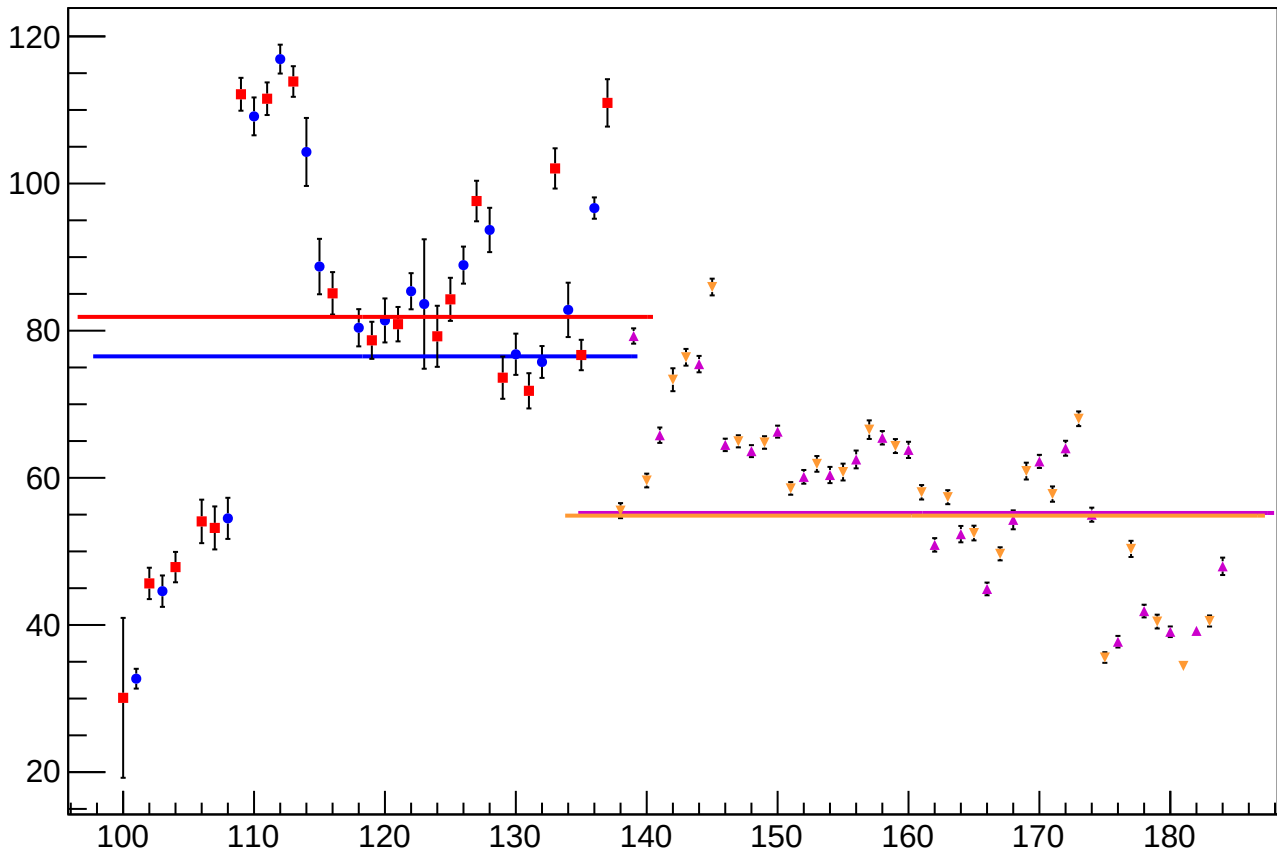
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/35$

In: -0.223 ± 0.135 $\chi^2/\text{NDF}: 1456.6/39$

Out: -0.007 ± 0.134 $\chi^2/\text{NDF}: 1702.9/42$

All: -0.114 ± 0.095 $\chi^2/\text{NDF}: 3160.8/82$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 54.862+/-0.193 χ^2/NDF : 4480.3/23

Right Out: 81.875+/-0.592 χ^2/NDF : 1570.7/18

Left In: 55.225+/-0.193 χ^2/NDF : 3825.0/22

Left: 55.044+/-0.136 χ^2/NDF : 8307.0/46

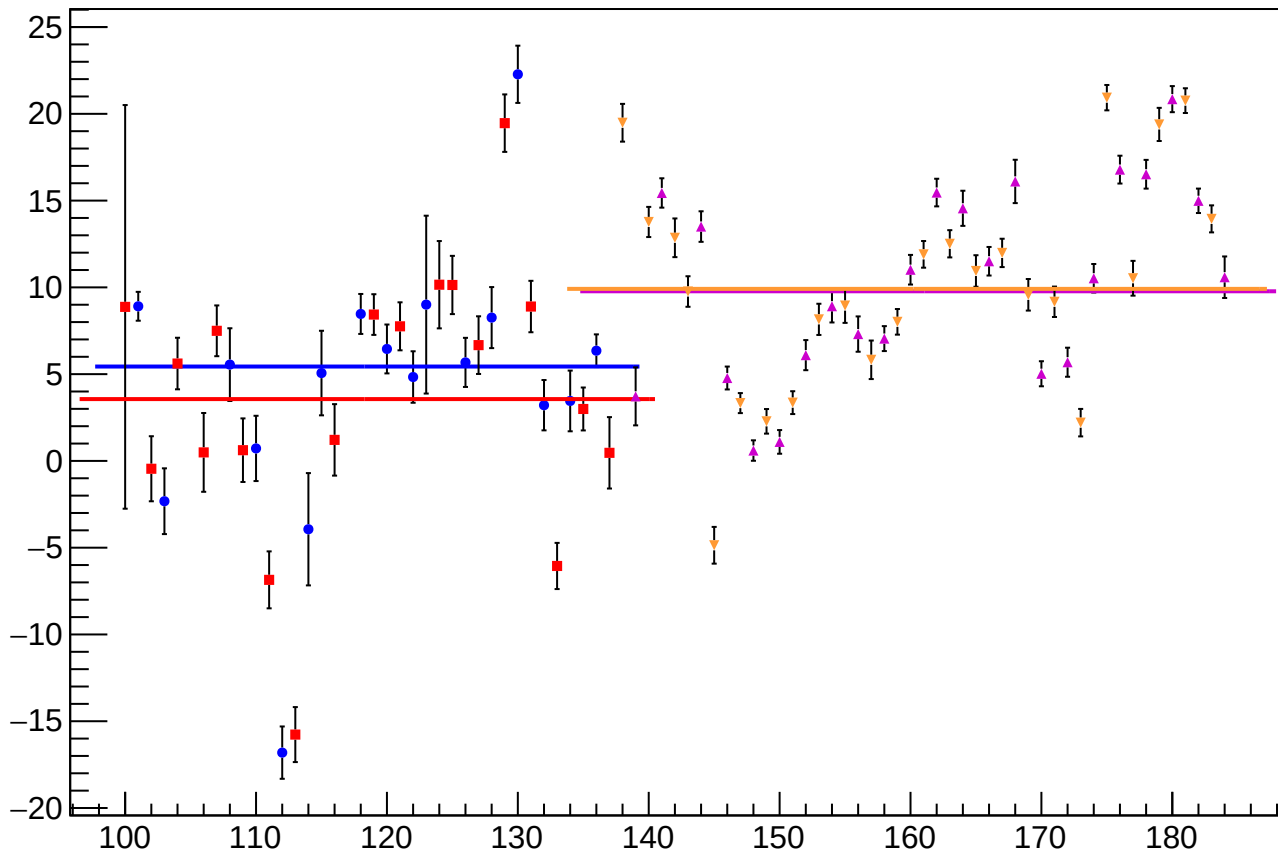
Right: 79.111+/-0.412 χ^2/NDF : 3864.0/35

In: 57.382+/-0.183 χ^2/NDF : 7310.9/39

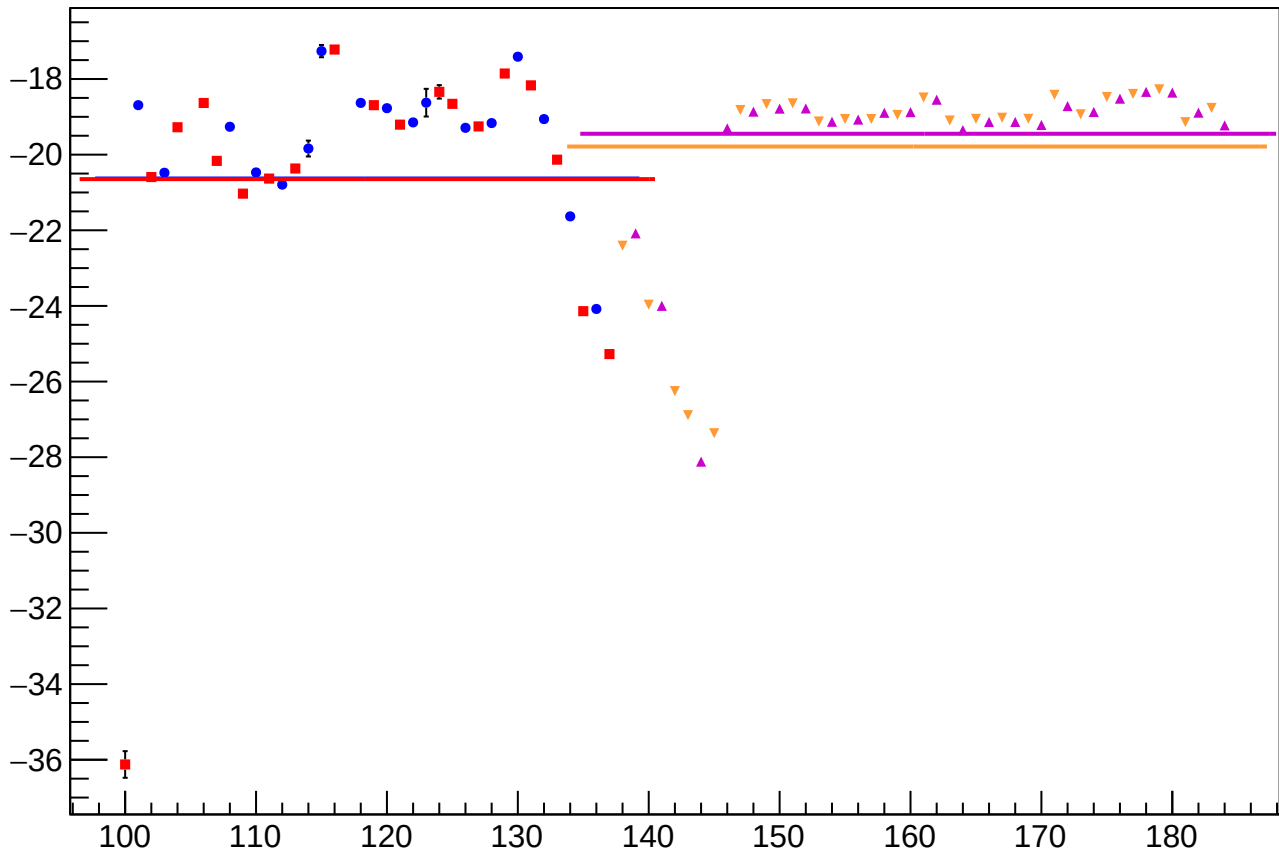
Out: 57.456+/-0.183 χ^2/NDF : 7934.9/42

All: 57.419+/-0.129 χ^2/NDF : 15245.9/82

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -19.785 ± 0.008 $\chi^2/\text{NDF}: 91355.4/23$

Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13908.9/18$

Left In: -19.448 ± 0.008 $\chi^2/\text{NDF}: 54039.2/22$

Left: -19.615 ± 0.006 $\chi^2/\text{NDF}: 146295.2/46$

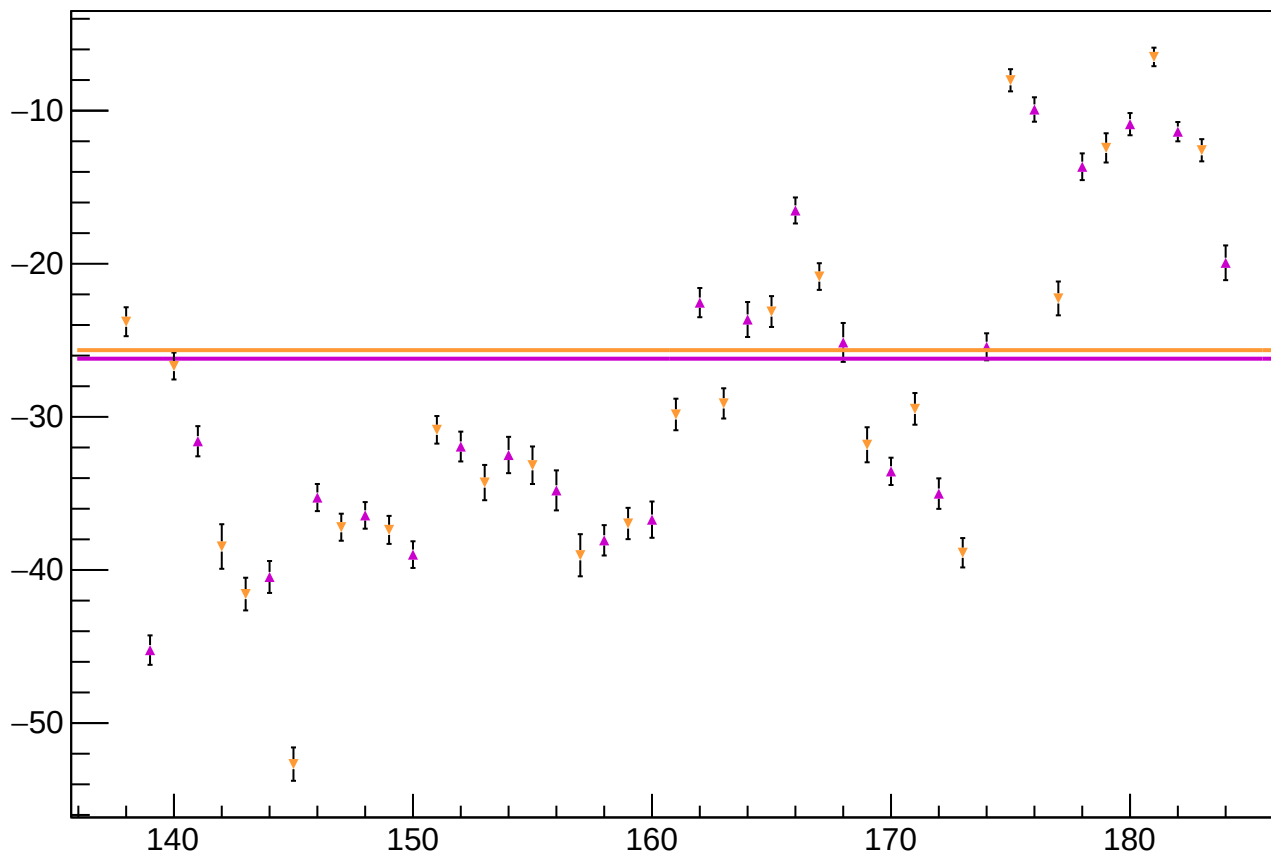
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -19.618 ± 0.007 $\chi^2/\text{NDF}: 69761.5/39$

Out: -19.909 ± 0.007 $\chi^2/\text{NDF}: 106951.7/42$

All: -19.763 ± 0.005 $\chi^2/\text{NDF}: 177494.1/82$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.642+/-0.193 χ^2/NDF :4022.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.200+/-0.194 χ^2/NDF :3344.6/22

Left: -25.920+/-0.137 χ^2/NDF : 7371.1/46

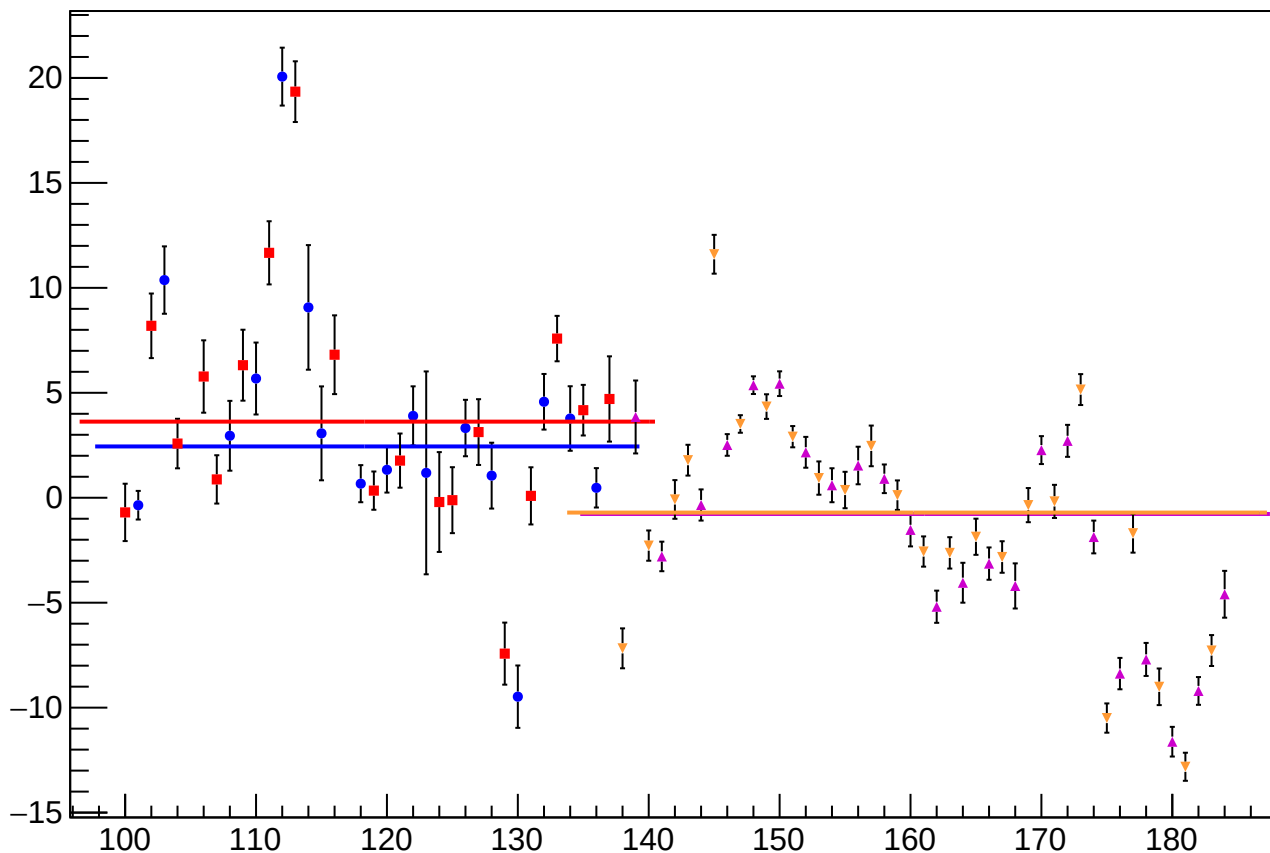
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.200+/-0.194 χ^2/NDF :3344.6/22

Out: -25.642+/-0.193 χ^2/NDF :4022.3/23

All: -25.920+/-0.137 χ^2/NDF : 7371.1/46

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: -0.706 ± 0.147 χ^2/NDF : 1268.4/23

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

Left: -0.739 ± 0.105 χ^2/NDF : 2380.0/46

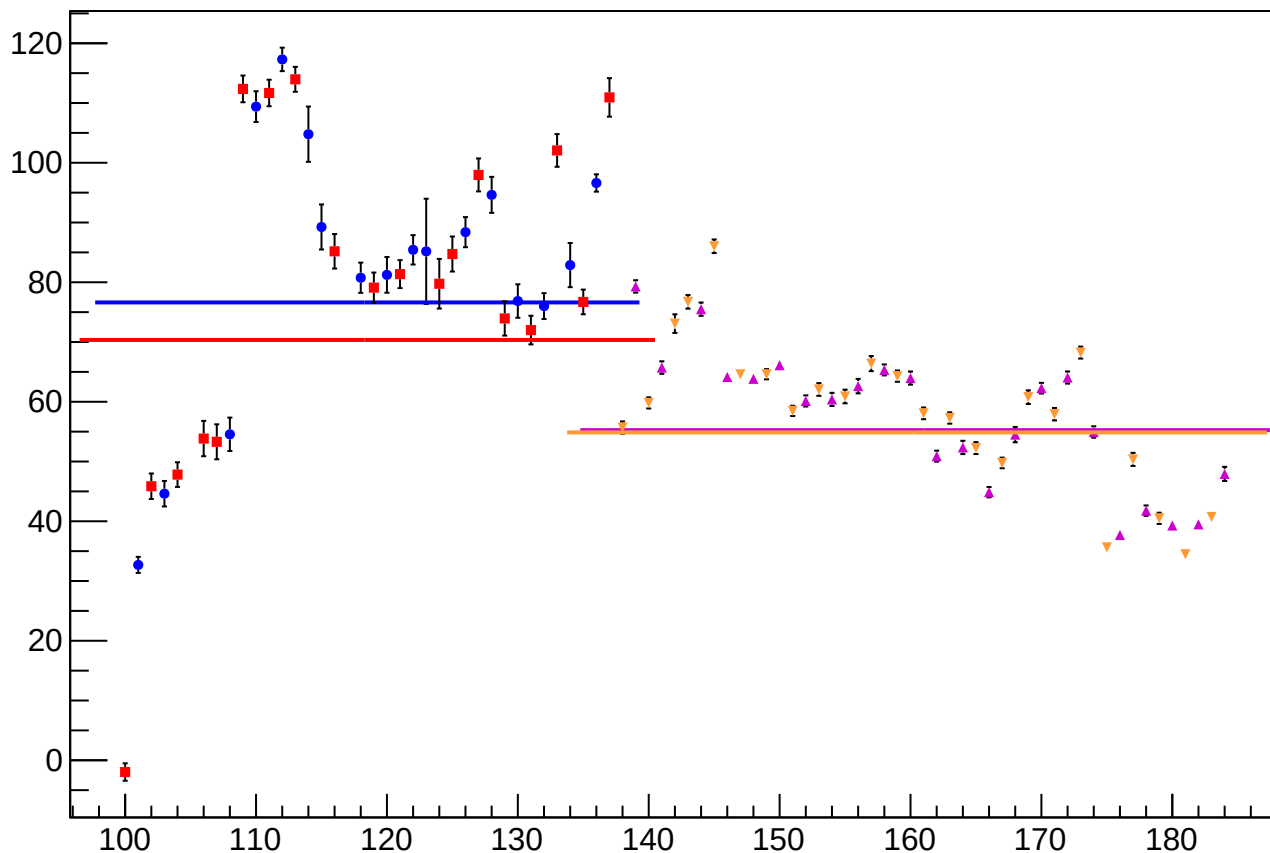
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: -0.167 ± 0.135 χ^2/NDF : 1490.6/39

Out: 0.058 ± 0.134 χ^2/NDF : 1700.3/42

All: -0.053 ± 0.095 χ^2/NDF : 3192.3/82

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2/NDF : 2262.8/16

Left Out: 54.873 $\pm$ 0.193 χ^2/NDF : 4460.0/23

Right Out: 70.347 $\pm$ 0.550 χ^2/NDF : 4388.1/18

Left In: 55.252 $\pm$ 0.193 χ^2/NDF : 3786.2/22

Left: 55.062 $\pm$ 0.136 χ^2/NDF : 8248.1/46

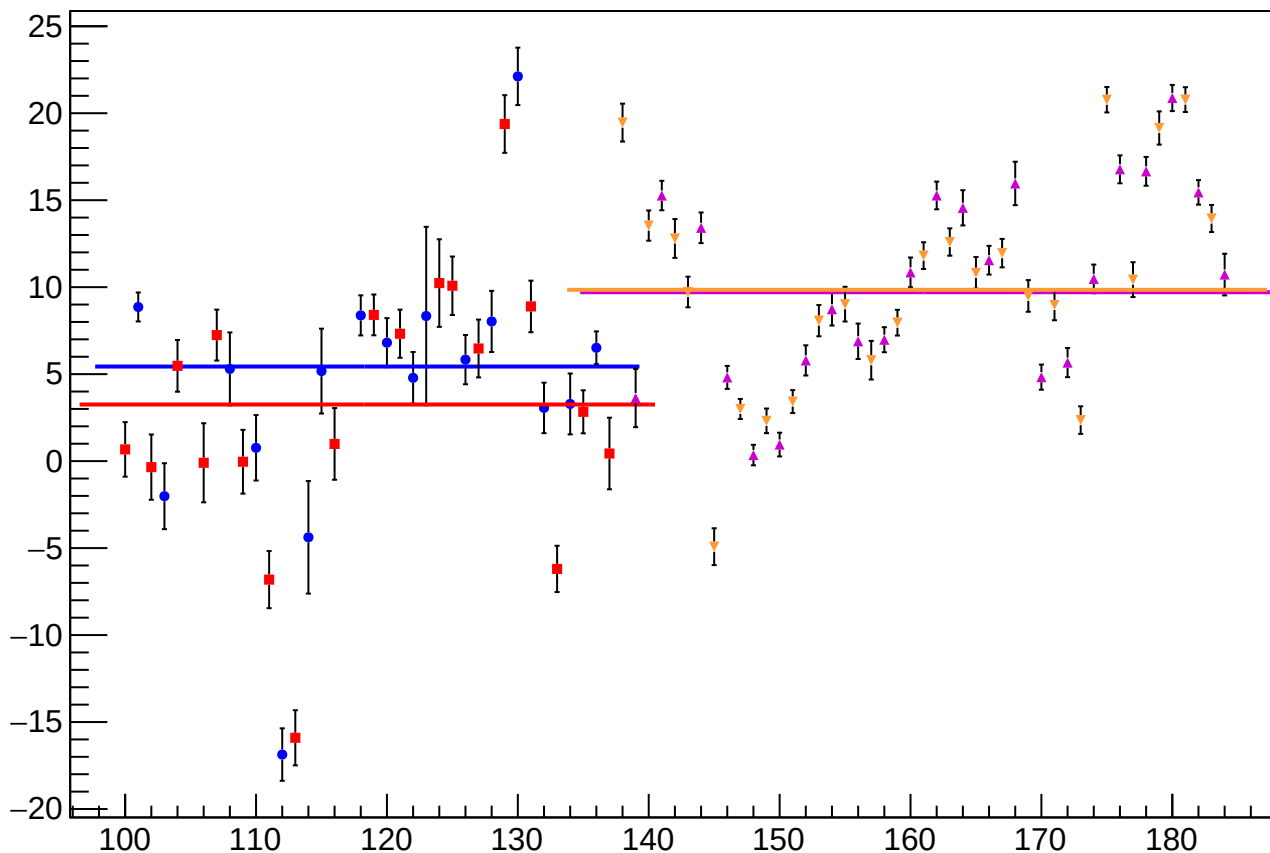
Right: 73.348 $\pm$ 0.397 χ^2/NDF : 6713.3/35

In: 57.418 $\pm$ 0.183 χ^2/NDF : 7293.1/39

Out: 56.571 $\pm$ 0.182 χ^2/NDF : 9553.8/42

All: 56.993 $\pm$ 0.129 χ^2/NDF : 16857.7/82

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 χ^2/NDF : 384.5/16

Left Out: 9.848 ± 0.169 χ^2/NDF : 1369.3/23

Right Out: 3.253 ± 0.365 χ^2/NDF : 423.7/18

Left In: 9.708 ± 0.171 χ^2/NDF : 1198.0/22

Left: 9.779 ± 0.120 χ^2/NDF : 2567.7/46

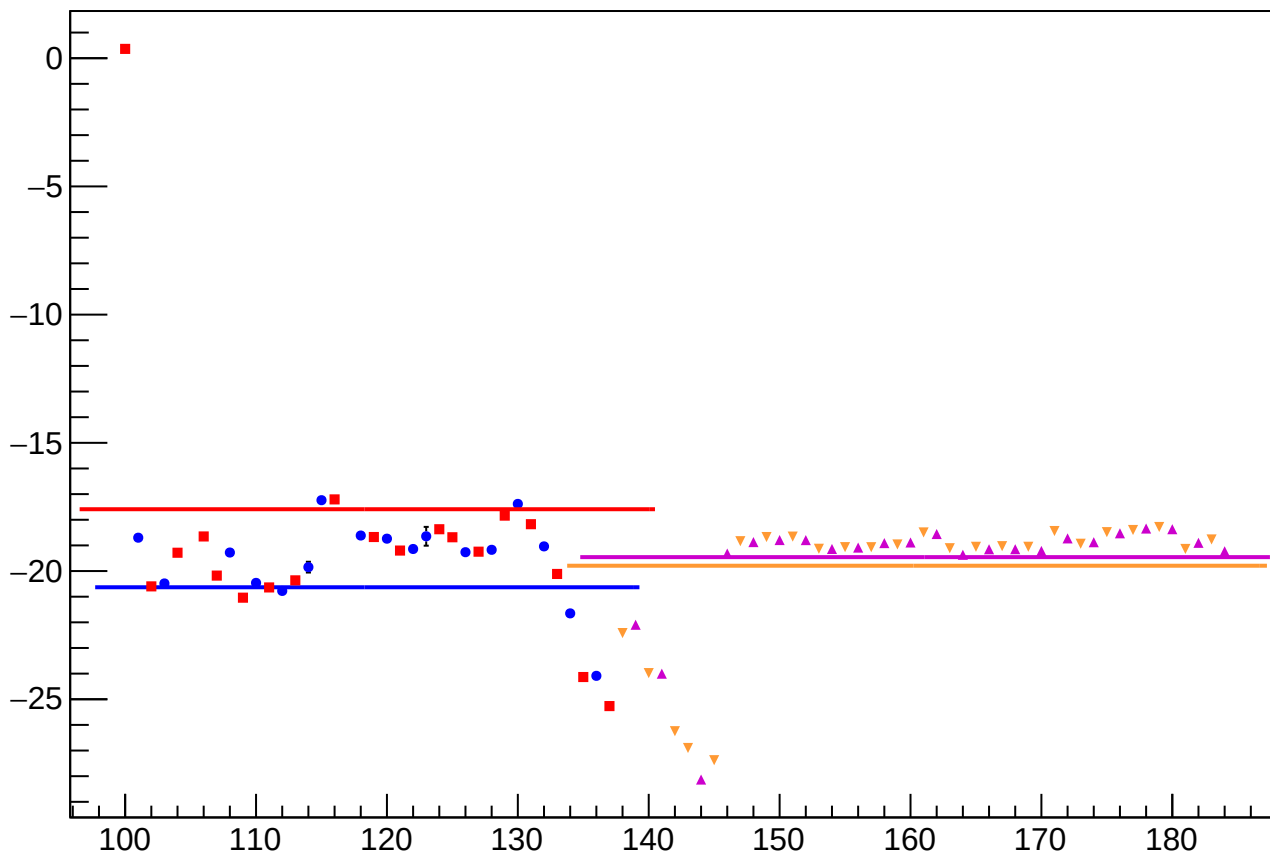
Right: 4.367 ± 0.256 χ^2/NDF : 826.5/35

In: 8.912 ± 0.155 χ^2/NDF : 1698.3/39

Out: 8.685 ± 0.153 χ^2/NDF : 2061.8/42

All: 8.798 ± 0.109 χ^2/NDF : 3761.2/82

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -19.793 ± 0.008 $\chi^2/\text{NDF}: 91250.6/23$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -19.457 ± 0.008 $\chi^2/\text{NDF}: 53995.4/22$

Left: -19.624 ± 0.006 $\chi^2/\text{NDF}: 146137.2/46$

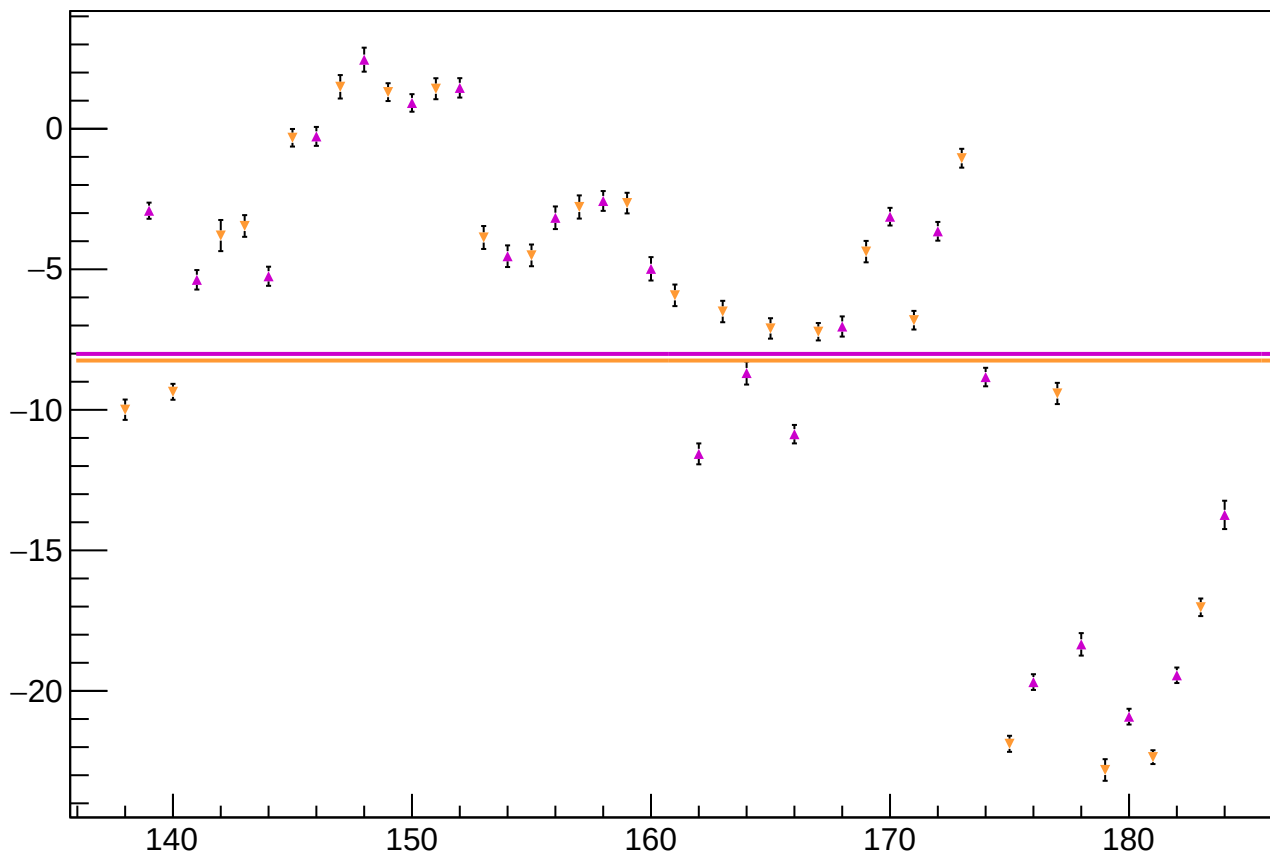
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -19.627 ± 0.007 $\chi^2/\text{NDF}: 69709.6/39$

Out: -19.432 ± 0.007 $\chi^2/\text{NDF}: 282439.7/42$

All: -19.529 ± 0.005 $\chi^2/\text{NDF}: 352503.4/82$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



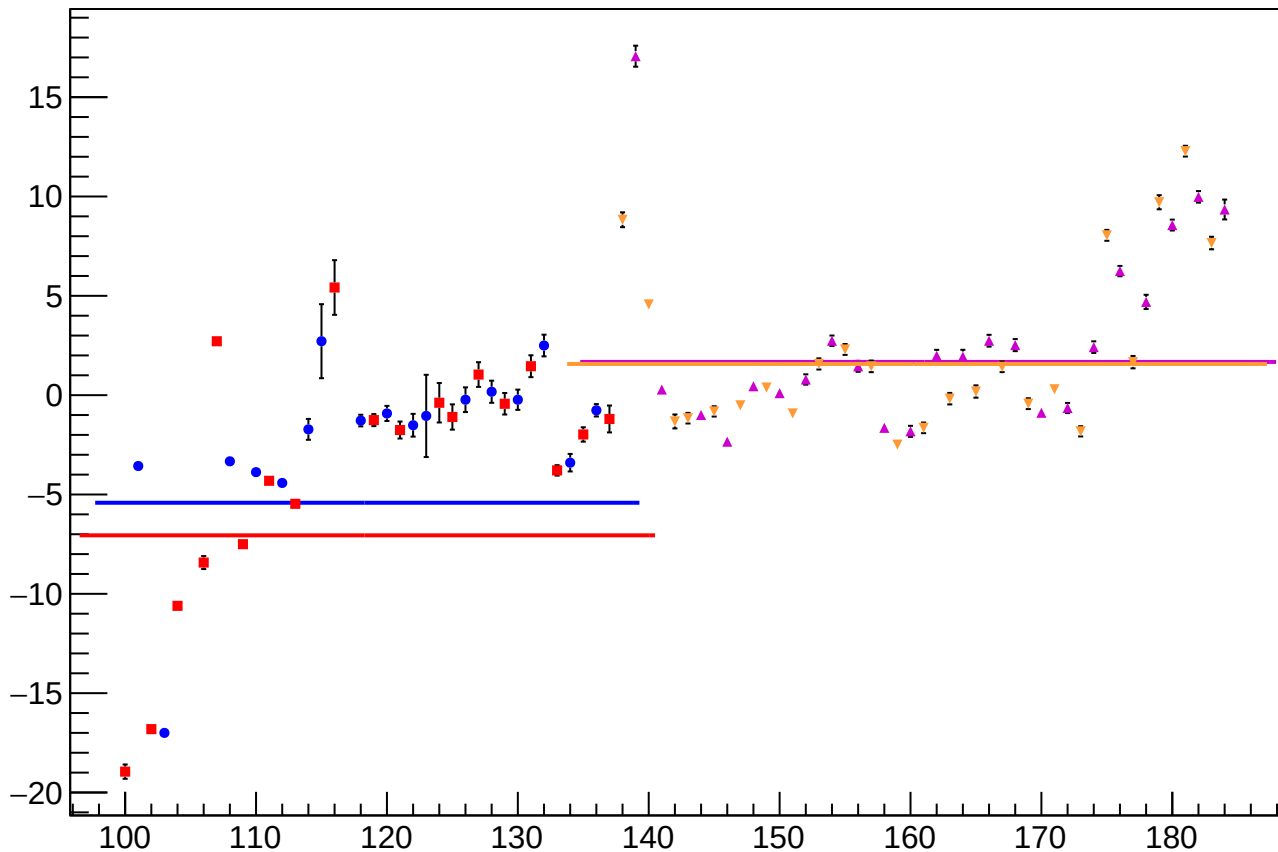
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.246 $\pm$ 0.071 χ^2 /NDF:12104.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.010 $\pm$ 0.071 χ^2 /NDF:10631.2/22

Left: -8.128 $\pm$ 0.050 χ^2 /NDF: 22740.9/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.010 $\pm$ 0.071 χ^2 /NDF:10631.2/22
 Out: -8.246 $\pm$ 0.071 χ^2 /NDF:12104.2/23

All: -8.128 $\pm$ 0.050 χ^2 /NDF: 22740.9/46

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 1.571 ± 0.055 χ^2/NDF : 4784.5/23

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 1.673 ± 0.056 χ^2/NDF : 4106.3/22

Left: 1.621 ± 0.039 χ^2/NDF : 8892.5/46

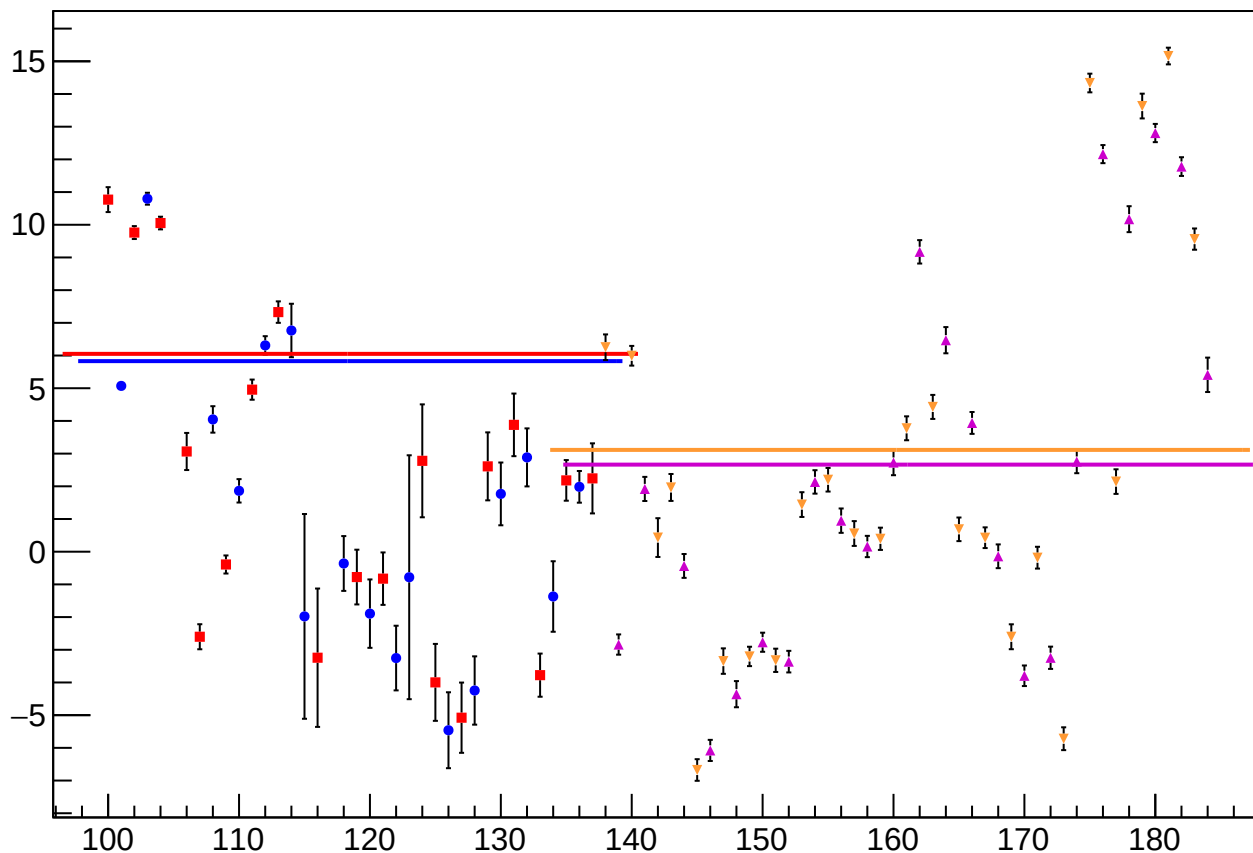
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -1.976 ± 0.039 χ^2/NDF : 21490.8/39

Out: -2.419 ± 0.040 χ^2/NDF : 28605.1/42

All: -2.193 ± 0.028 χ^2/NDF : 50158.0/82

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 3.114 ± 0.071 $\chi^2/\text{NDF}: 8284.8/23$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: 2.663 ± 0.071 $\chi^2/\text{NDF}: 7308.8/22$

Left: 2.889 ± 0.050 $\chi^2/\text{NDF}: 15613.7/46$

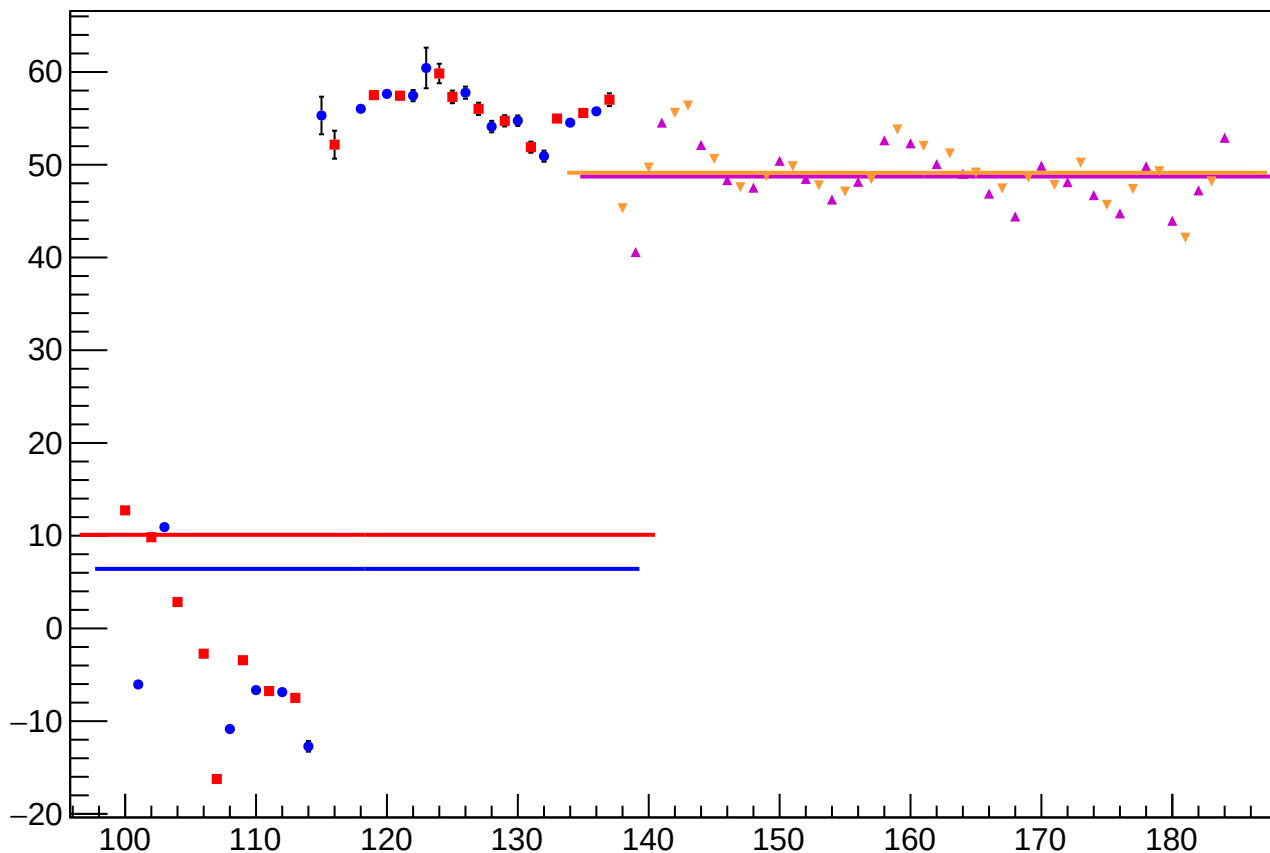
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 3.885 ± 0.056 $\chi^2/\text{NDF}: 9523.4/39$

Out: 4.188 ± 0.056 $\chi^2/\text{NDF}: 11587.6/42$

All: 4.034 ± 0.040 $\chi^2/\text{NDF}: 21125.7/82$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.065 χ^2/NDF : 123109.7/16

Left Out: 49.138+/-0.062 χ^2/NDF : 2252.3/23

Right Out: 10.096+/-0.070 χ^2/NDF : 122124.3/18

Left In: 48.731+/-0.064 χ^2/NDF : 2117.7/22

Left: 48.939+/-0.044 χ^2/NDF : 4391.0/46

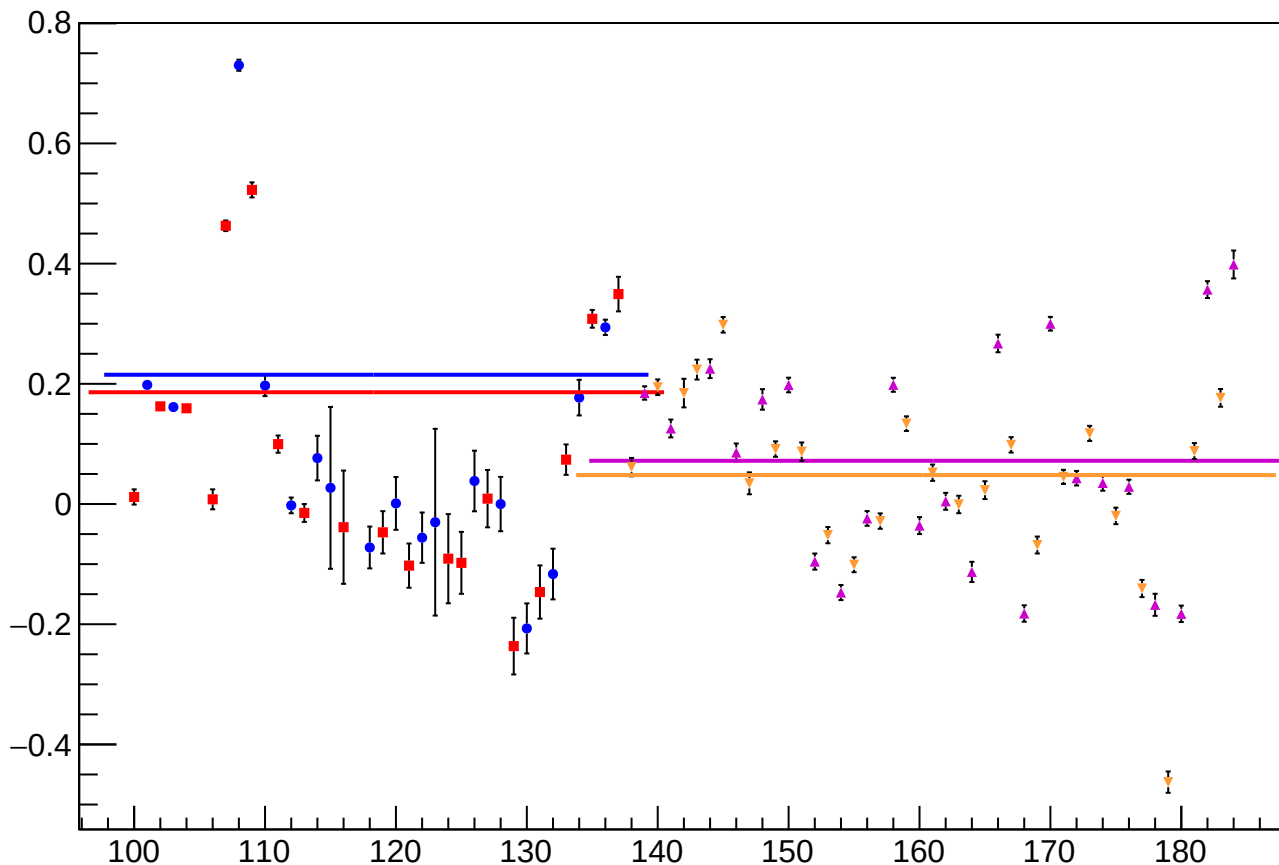
Right: 8.122+/-0.047 χ^2/NDF : 246726.1/35

In: 27.963+/-0.045 χ^2/NDF : 342747.7/39

Out: 31.827+/-0.046 χ^2/NDF : 298961.4/42

All: 29.850+/-0.032 χ^2/NDF : 645254.2/82

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: 0.048 $\pm$ 0.003 χ^2 /NDF:2187.0/23

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.072 $\pm$ 0.003 χ^2 /NDF:3272.0/22

Left: 0.060 $\pm$ 0.002 χ^2 /NDF: 5493.8/46

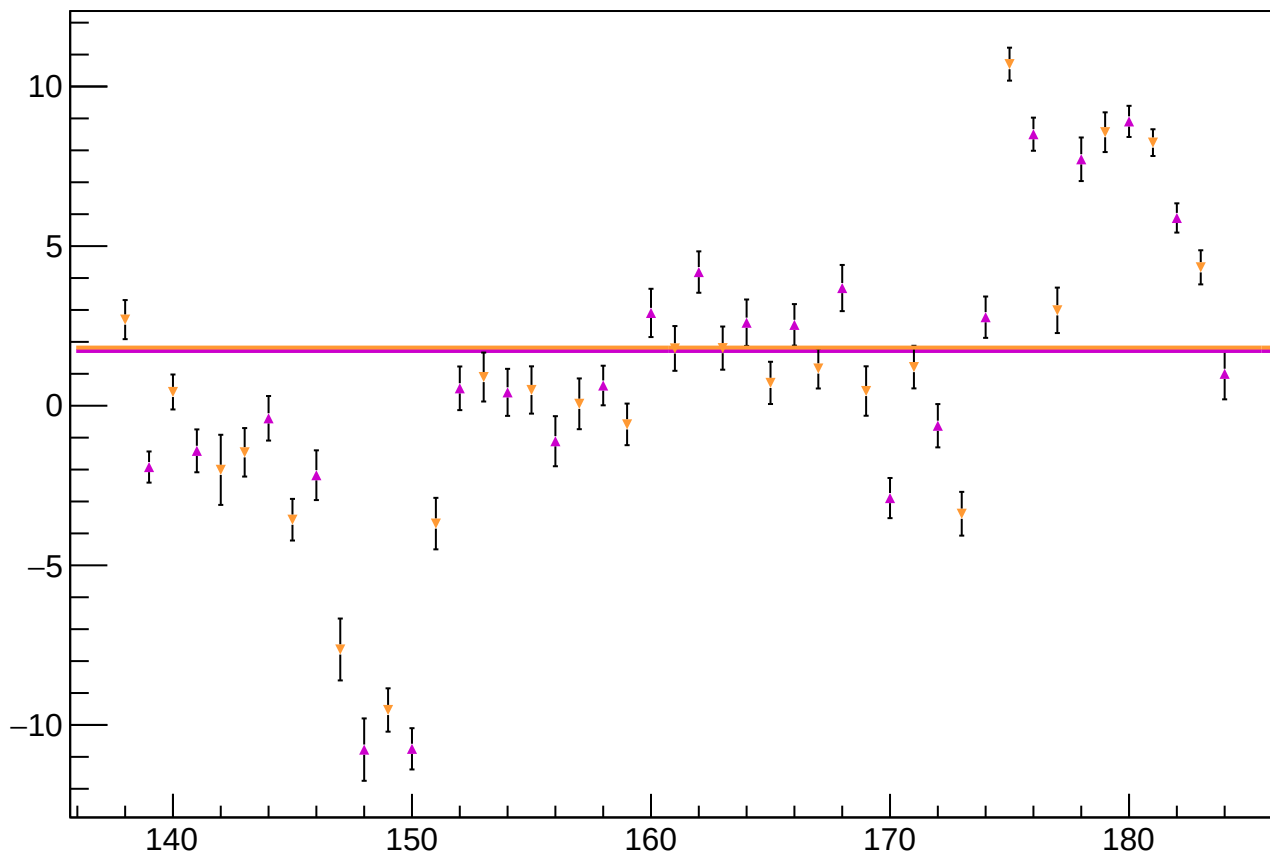
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.145 $\pm$ 0.002 χ^2 /NDF:8500.1/39

Out: 0.121 $\pm$ 0.002 χ^2 /NDF:6142.5/42

All: 0.133 $\pm$ 0.001 χ^2 /NDF: 14718.2/82

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1.821 $\pm$ 0.134 χ^2 /NDF:1291.1/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.715 $\pm$ 0.134 χ^2 /NDF:1313.5/22

Left: 1.768 $\pm$ 0.095 χ^2 /NDF: 2605.0/46

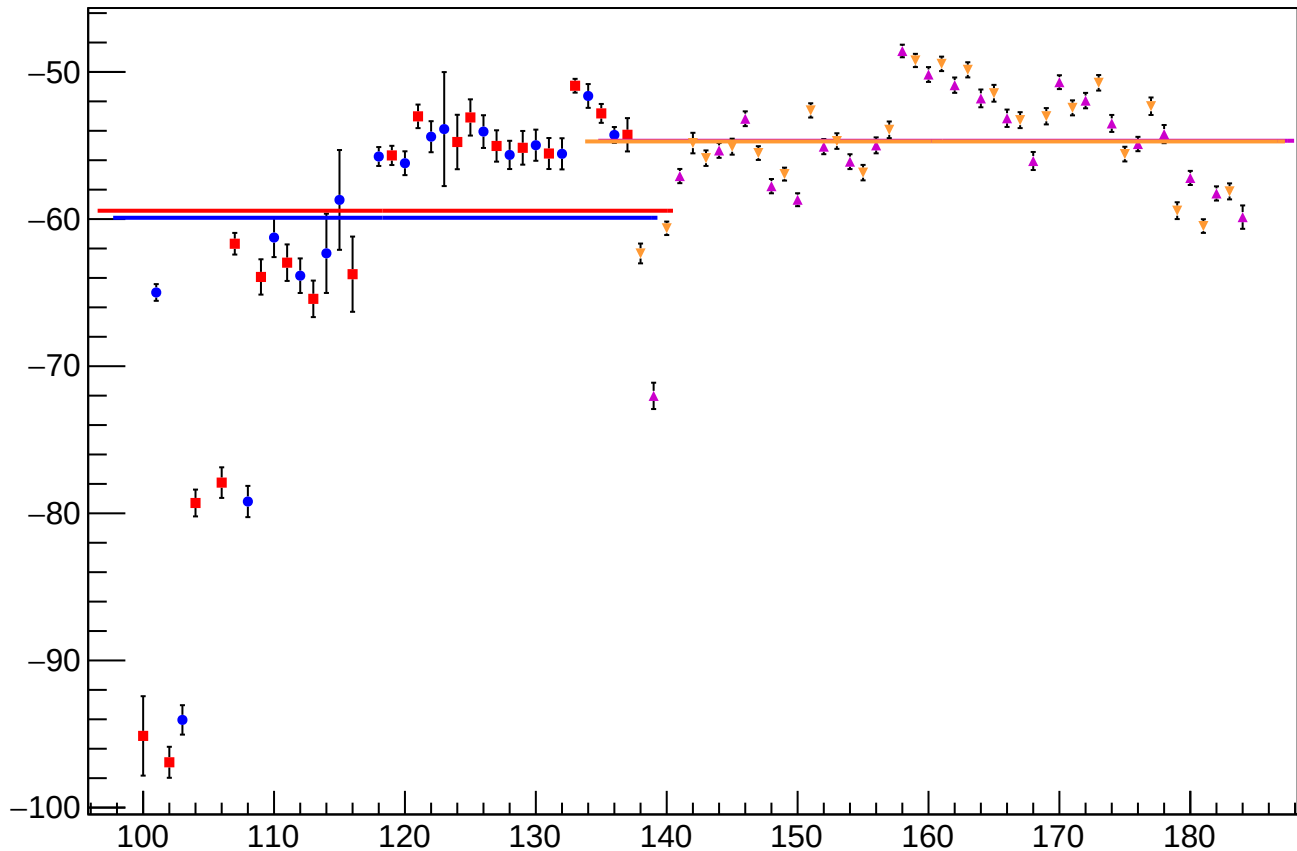
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.715 $\pm$ 0.134 χ^2 /NDF:1313.5/22

Out: 1.821 $\pm$ 0.134 χ^2 /NDF:1291.1/23

All: 1.768 $\pm$ 0.095 χ^2 /NDF: 2605.0/46

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.723 ± 0.106 χ^2/NDF : 1124.4/23

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

Left: -54.701 ± 0.076 χ^2/NDF : 2265.1/46

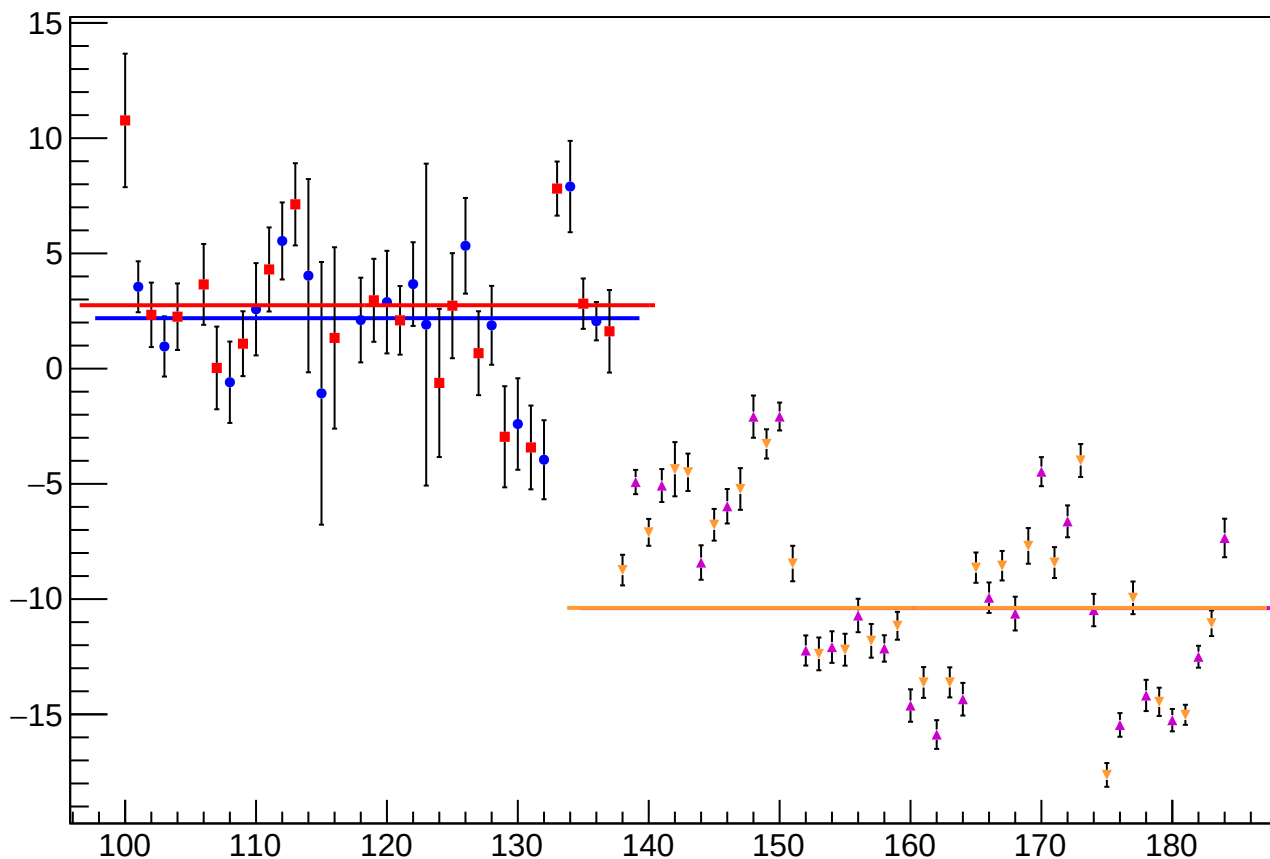
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -55.692 ± 0.098 χ^2/NDF : 3564.7/39

Out: -55.674 ± 0.095 χ^2/NDF : 4438.3/42

All: -55.682 ± 0.068 χ^2/NDF : 8003.0/82

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -10.381 ± 0.134 $\chi^2/\text{NDF}: 850.2/23$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -10.391 ± 0.134 $\chi^2/\text{NDF}: 1024.8/22$

Left: -10.386 ± 0.095 $\chi^2/\text{NDF}: 1875.0/46$

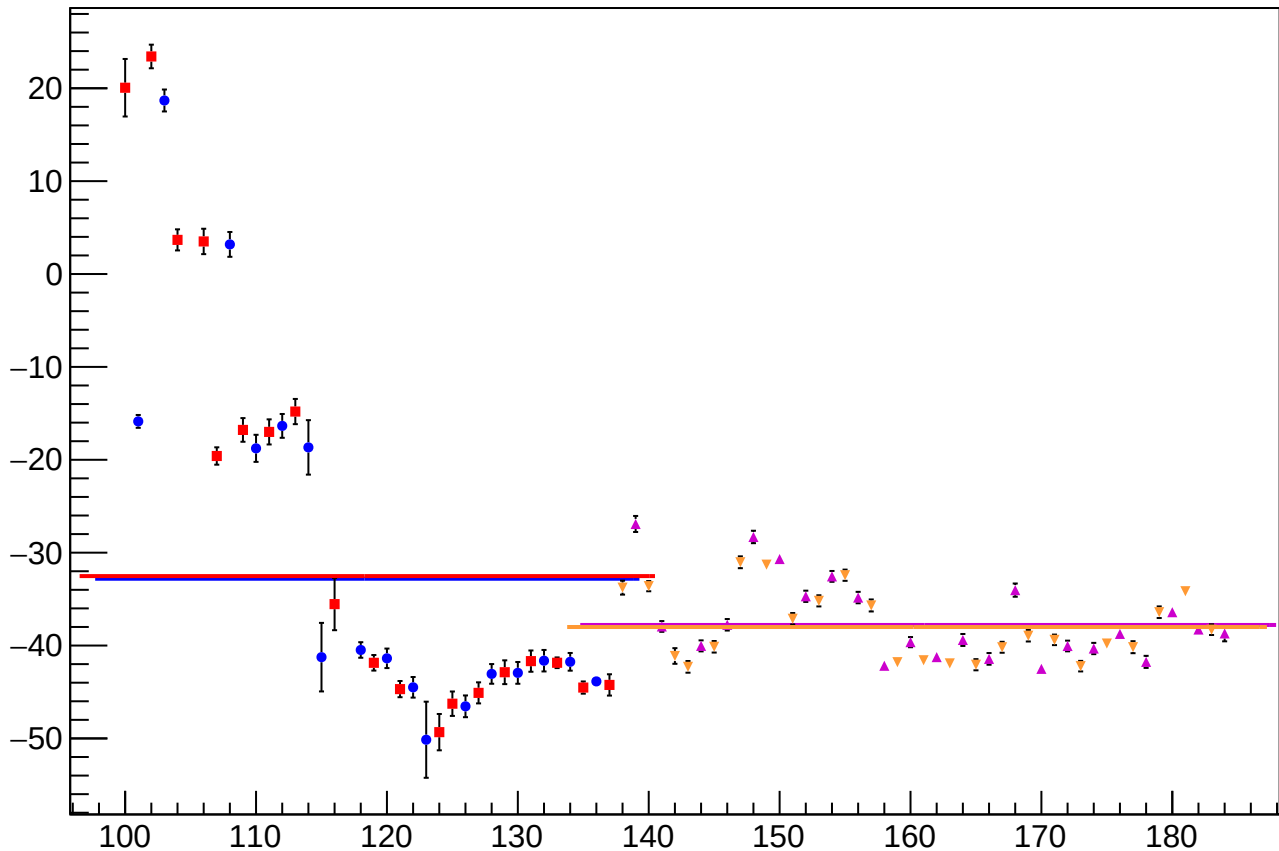
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -9.151 ± 0.127 $\chi^2/\text{NDF}: 1935.5/39$

Out: -8.979 ± 0.127 $\chi^2/\text{NDF}: 1935.4/42$

All: -9.065 ± 0.090 $\chi^2/\text{NDF}: 3871.8/82$

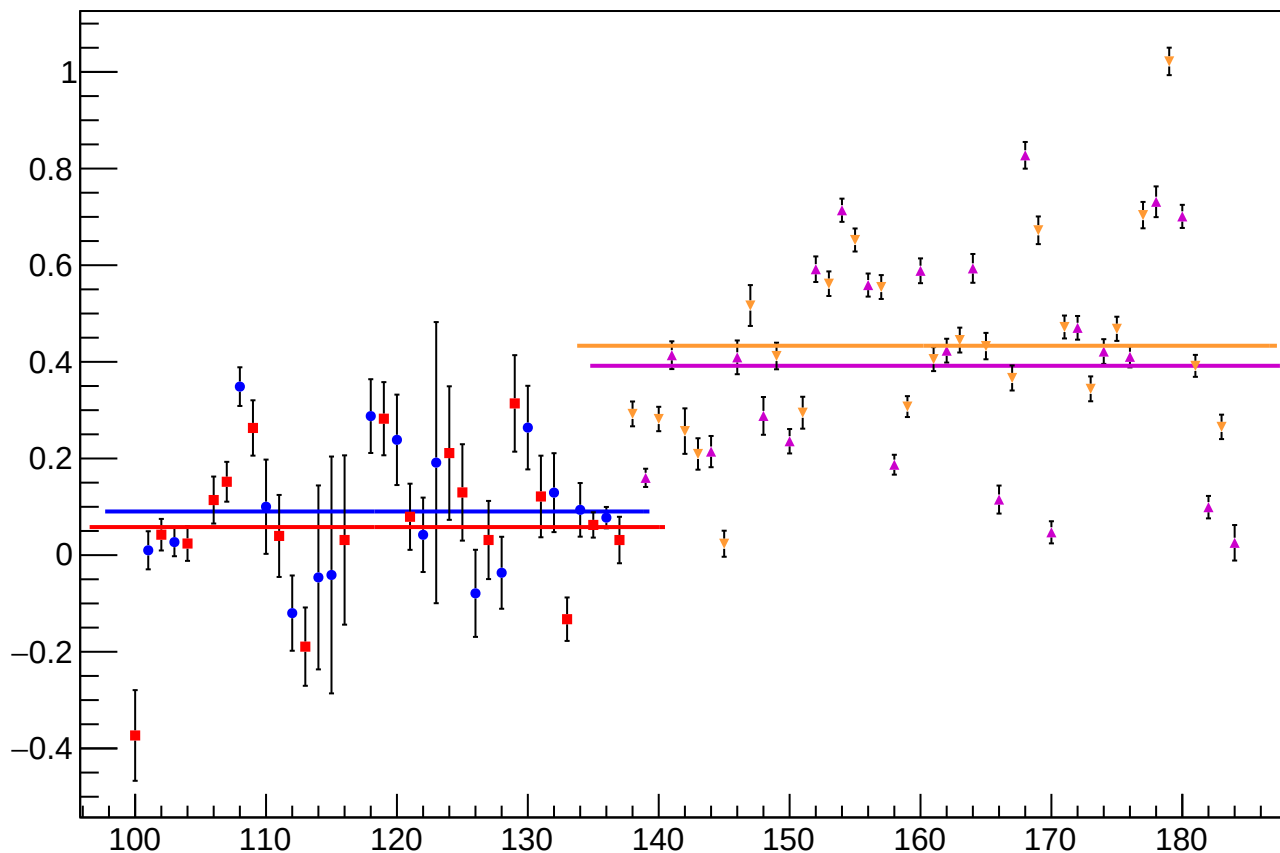
reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$
 Left Out: -38.005 ± 0.120 $\chi^2/\text{NDF}: 945.8/23$
 Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$
 Left In: -37.784 ± 0.122 $\chi^2/\text{NDF}: 1079.7/22$

Left: -37.896 ± 0.085 $\chi^2/\text{NDF}: 2027.1/46$
 Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$
 In: -36.854 ± 0.110 $\chi^2/\text{NDF}: 6054.0/39$
 Out: -36.939 ± 0.107 $\chi^2/\text{NDF}: 7393.9/42$
 All: -36.897 ± 0.077 $\chi^2/\text{NDF}: 13448.3/82$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 χ^2/NDF : 79.4/16

Left Out: 0.433 ± 0.005 χ^2/NDF : 1216.9/23

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.1/18

Left In: 0.392 ± 0.005 χ^2/NDF : 1835.6/22

Left: 0.412 ± 0.004 χ^2/NDF : 3082.0/46

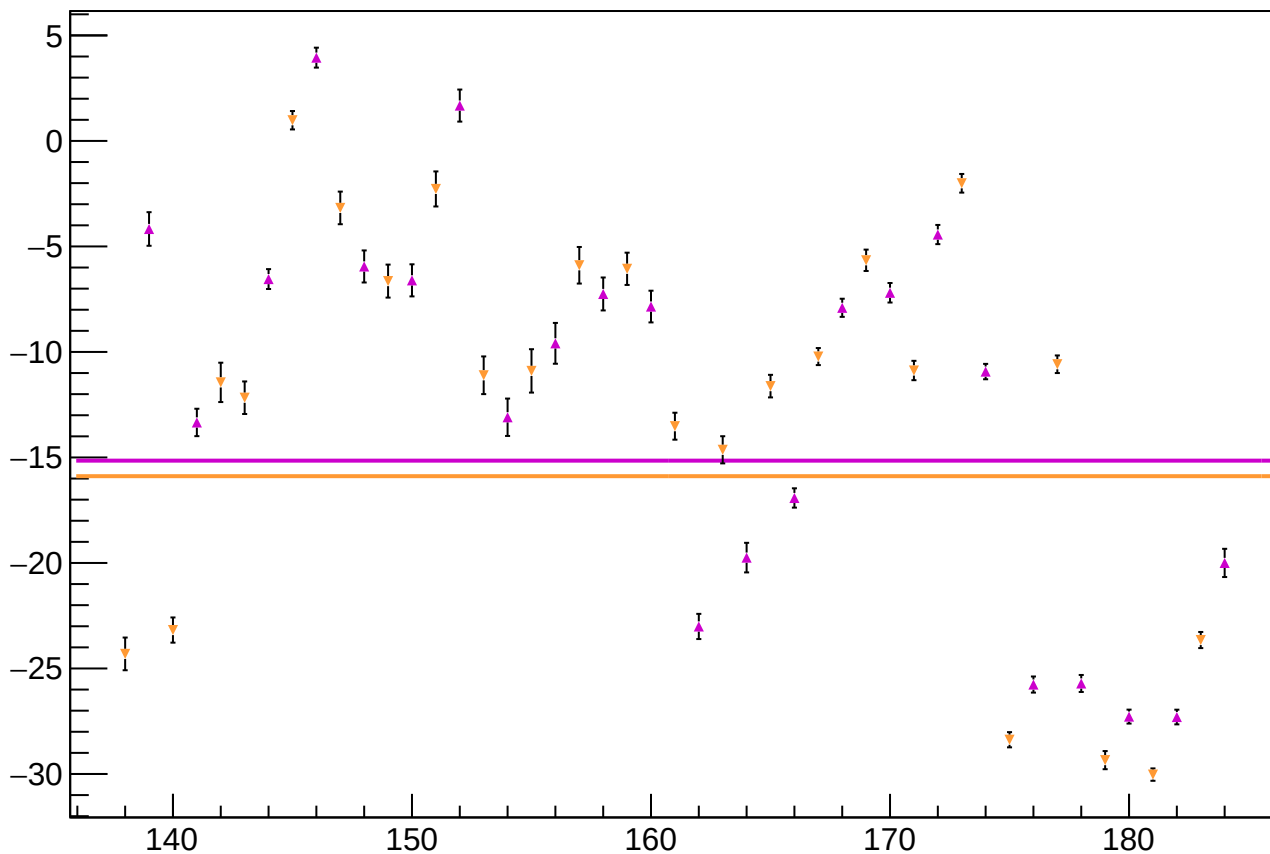
Right: 0.073 ± 0.009 χ^2/NDF : 169.9/35

In: 0.346 ± 0.005 χ^2/NDF : 2391.4/39

Out: 0.371 ± 0.005 χ^2/NDF : 2100.2/42

All: 0.358 ± 0.004 χ^2/NDF : 4503.8/82

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.888+/-0.107 χ^2/NDF : 9710.0/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.151+/-0.106 χ^2/NDF : 8744.3/22

Left: -15.518+/-0.075 χ^2/NDF : 18478.3/46

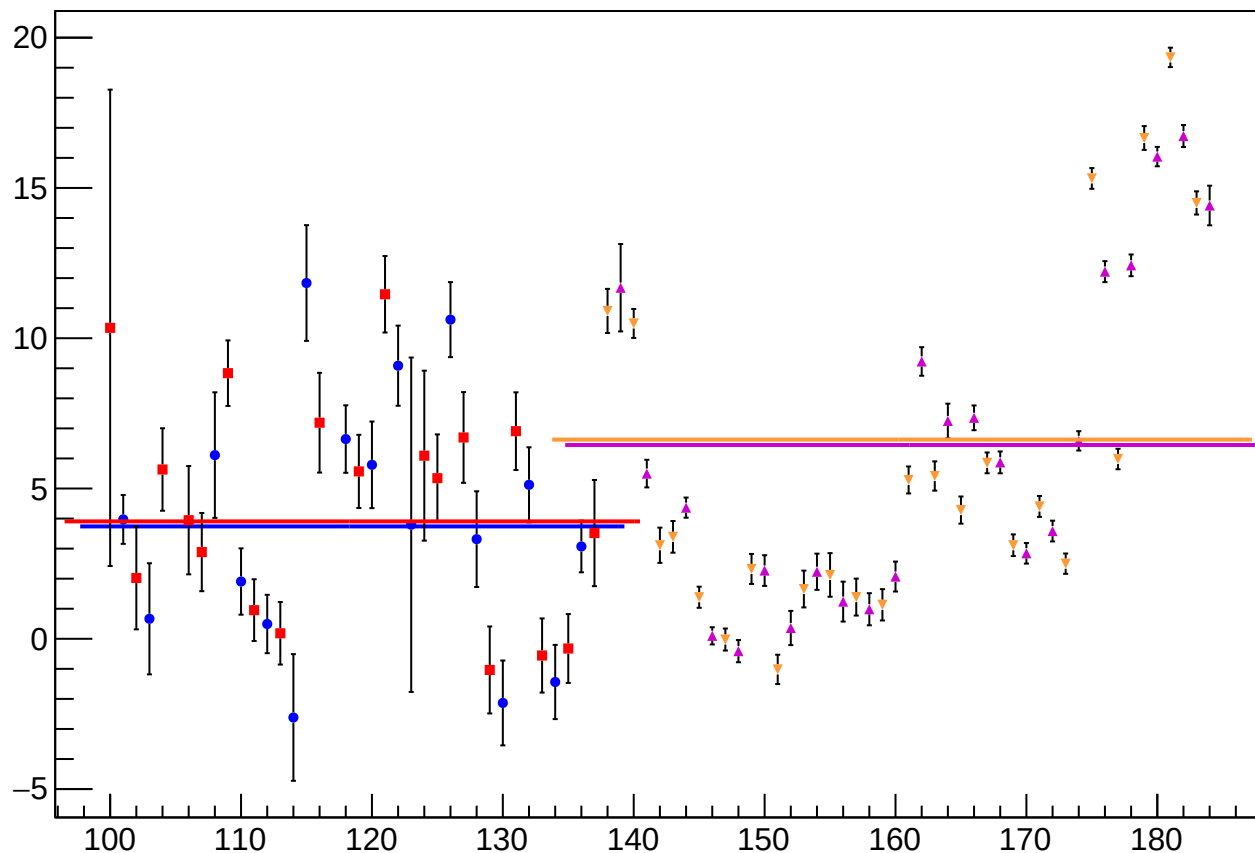
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.151+/-0.106 χ^2/NDF : 8744.3/22

Out: -15.888+/-0.107 χ^2/NDF : 9710.0/23

All: -15.518+/-0.075 χ^2/NDF : 18478.3/46

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 $\chi^2/\text{NDF}: 136.9/16$

Left Out: 6.628 ± 0.086 $\chi^2/\text{NDF}: 4913.4/23$

Right Out: 3.906 ± 0.316 $\chi^2/\text{NDF}: 135.5/18$

Left In: 6.448 ± 0.086 $\chi^2/\text{NDF}: 3955.6/22$

Left: 6.537 ± 0.061 $\chi^2/\text{NDF}: 8871.2/46$

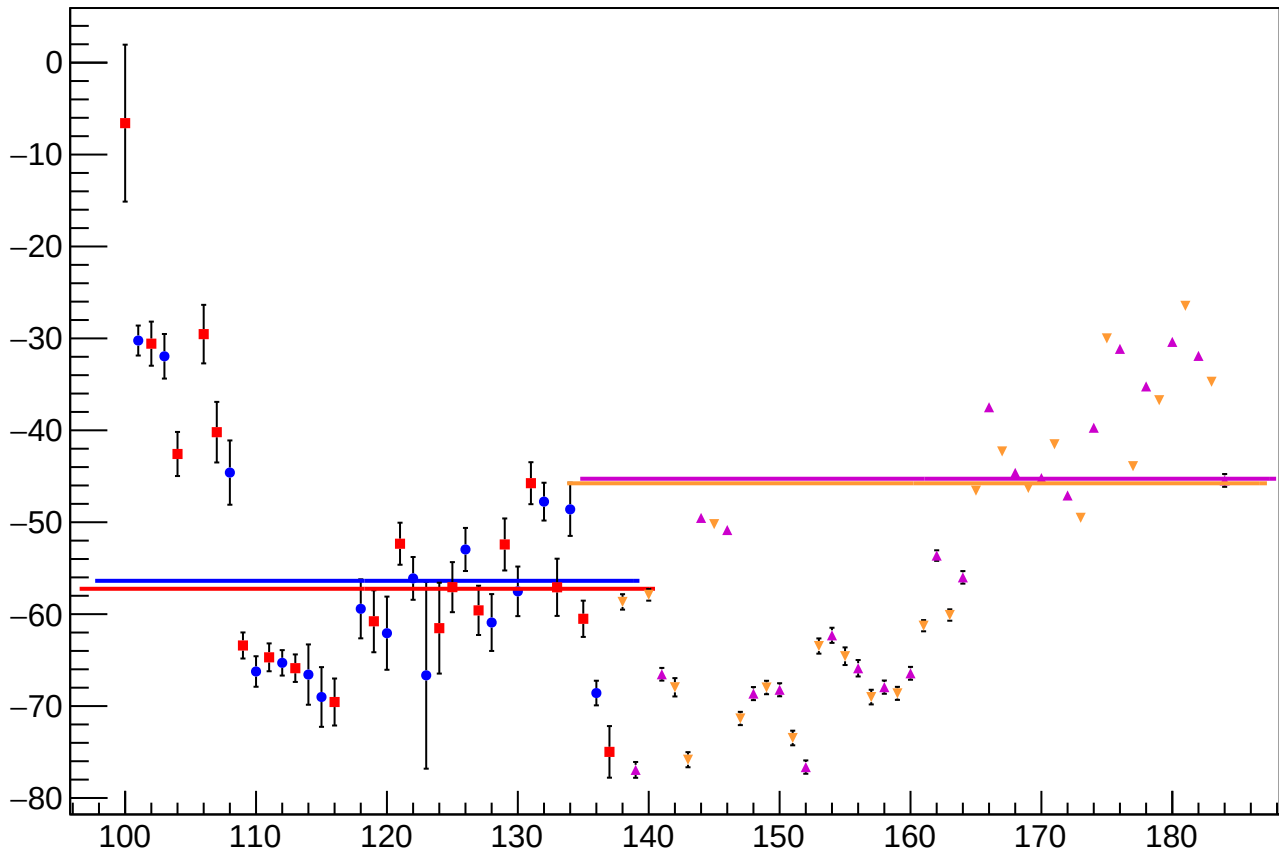
Right: 3.821 ± 0.221 $\chi^2/\text{NDF}: 272.5/35$

In: 6.254 ± 0.083 $\chi^2/\text{NDF}: 4163.9/39$

Out: 6.439 ± 0.083 $\chi^2/\text{NDF}: 5117.9/42$

All: 6.346 ± 0.059 $\chi^2/\text{NDF}: 9284.2/82$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -45.764 ± 0.107 $\chi^2/\text{NDF}: 17199.0/23$

Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$

Left In: -45.268 ± 0.107 $\chi^2/\text{NDF}: 15775.7/22$

Left: -45.514 ± 0.076 $\chi^2/\text{NDF}: 32985.5/46$

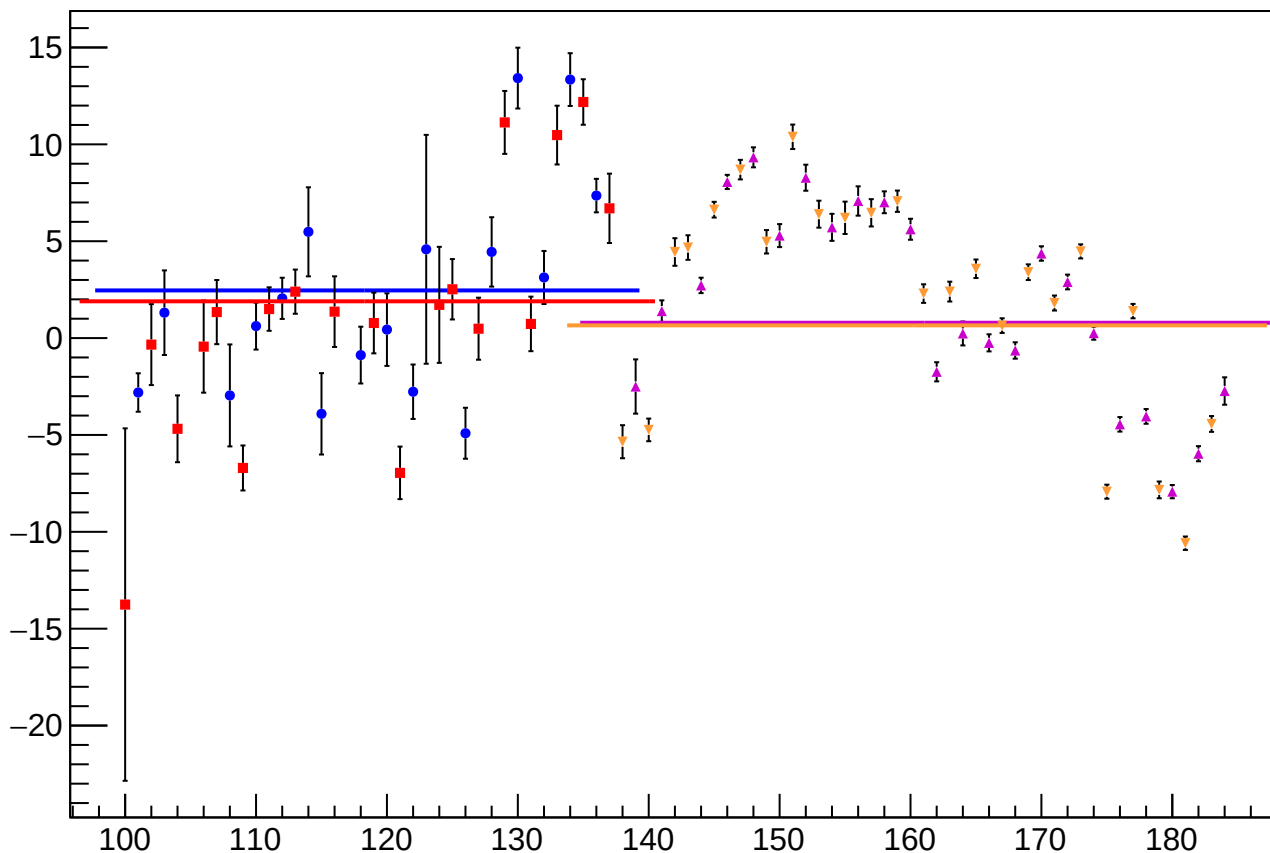
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -45.681 ± 0.105 $\chi^2/\text{NDF}: 16766.0/39$

Out: -46.208 ± 0.105 $\chi^2/\text{NDF}: 18116.2/42$

All: -45.943 ± 0.074 $\chi^2/\text{NDF}: 34894.8/82$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 0.656 $\pm$ 0.097 χ^2 /NDF:3666.3/23

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 0.791 $\pm$ 0.096 χ^2 /NDF:2697.7/22

Left: 0.724 $\pm$ 0.068 χ^2 /NDF: 6365.0/46

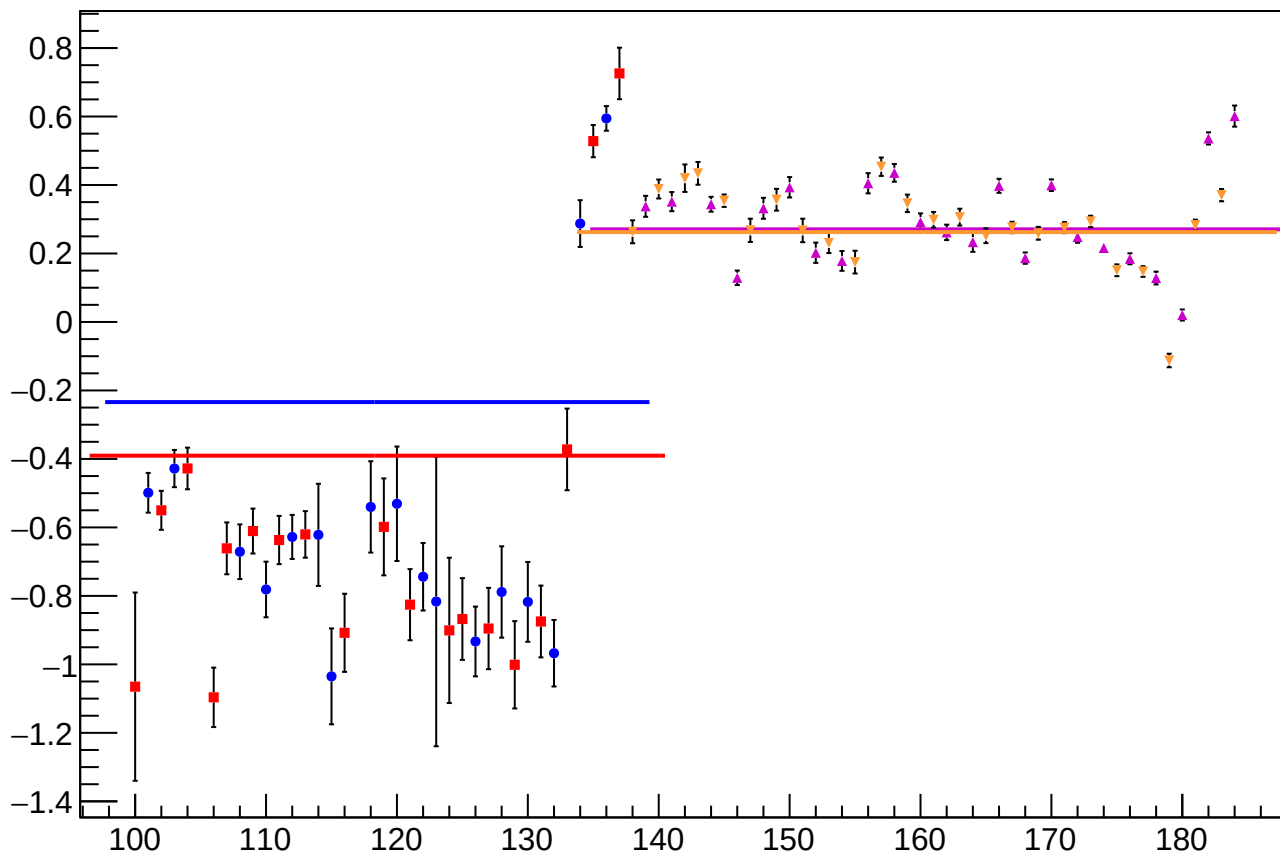
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 0.911 $\pm$ 0.093 χ^2 /NDF:2963.2/39

Out: 0.741 $\pm$ 0.093 χ^2 /NDF:3945.8/42

All: 0.826 $\pm$ 0.066 χ^2 /NDF: 6910.7/82

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 $\pm$ 0.019 χ^2 /NDF: 958.3/16

Left Out: 0.262 $\pm$ 0.004 χ^2 /NDF:670.8/23

Right Out: -0.391 $\pm$ 0.019 χ^2 /NDF: 852.7/18

Left In: 0.270 $\pm$ 0.004 χ^2 /NDF:973.5/22

Left: 0.266 $\pm$ 0.003 χ^2 /NDF: 1646.0/46

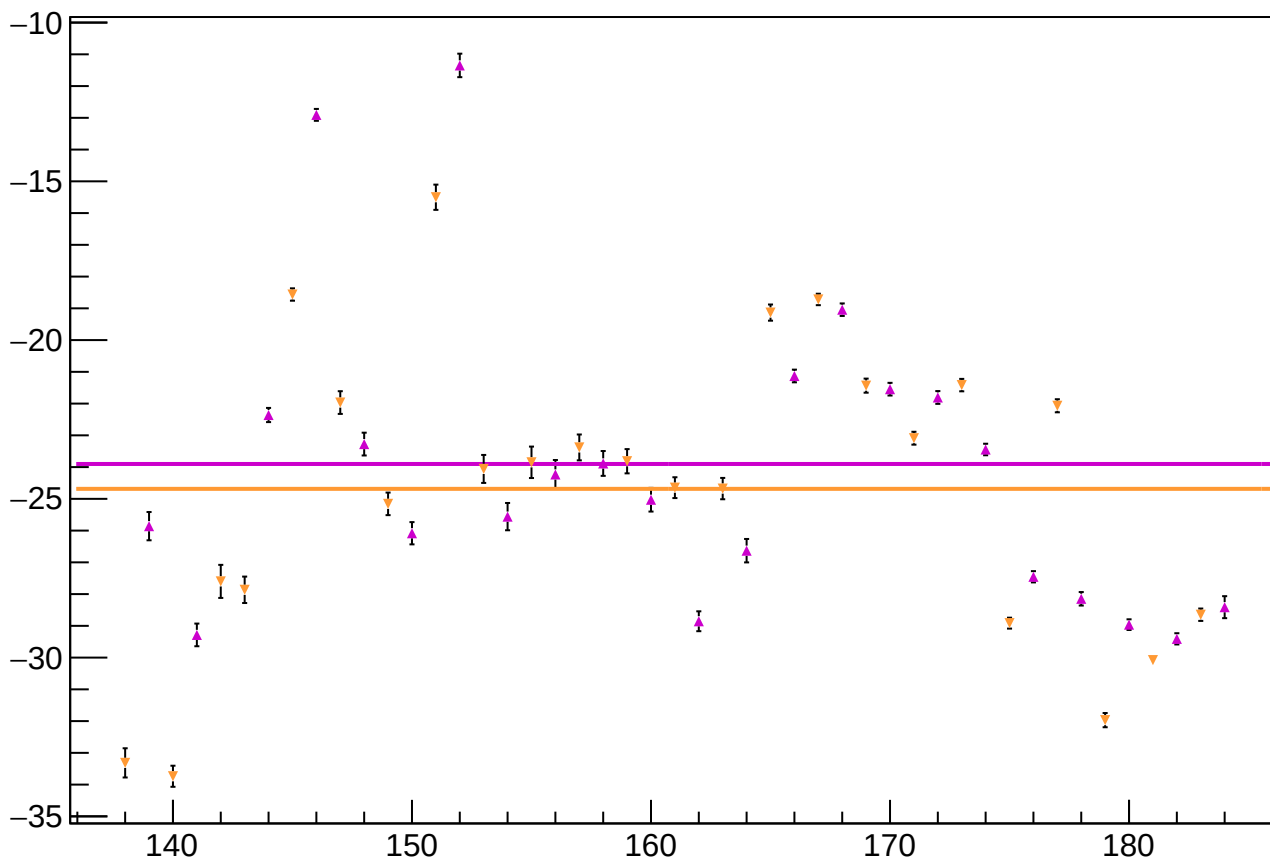
Right: -0.312 $\pm$ 0.013 χ^2 /NDF: 1845.2/35

In: 0.244 $\pm$ 0.004 χ^2 /NDF:2607.7/39

Out: 0.229 $\pm$ 0.004 χ^2 /NDF:2648.5/42

All: 0.237 $\pm$ 0.003 χ^2 /NDF: 5262.8/82

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -24.685 $\pm$ 0.052 χ^2 /NDF:8406.9/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -23.902 $\pm$ 0.051 χ^2 /NDF:9158.9/22

Left: -24.288 $\pm$ 0.036 χ^2 /NDF: 17682.7/46

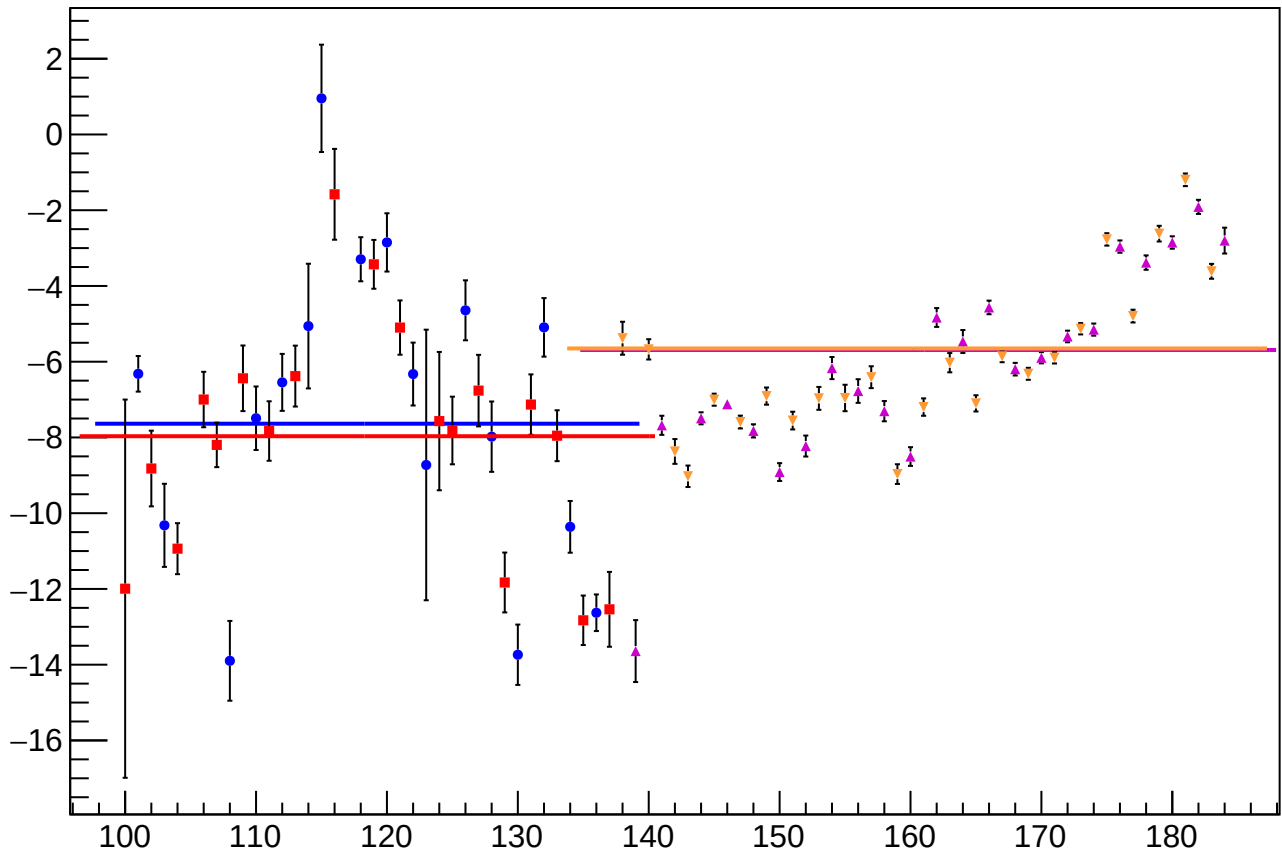
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -23.902 $\pm$ 0.051 χ^2 /NDF:9158.9/22

Out: -24.685 $\pm$ 0.052 χ^2 /NDF:8406.9/23

All: -24.288 $\pm$ 0.036 χ^2 /NDF: 17682.7/46

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -5.650 ± 0.042 χ^2/NDF : 2205.3/23

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -5.690 ± 0.041 χ^2/NDF : 2328.2/22

Left: -5.670 ± 0.029 χ^2/NDF : 4534.0/46

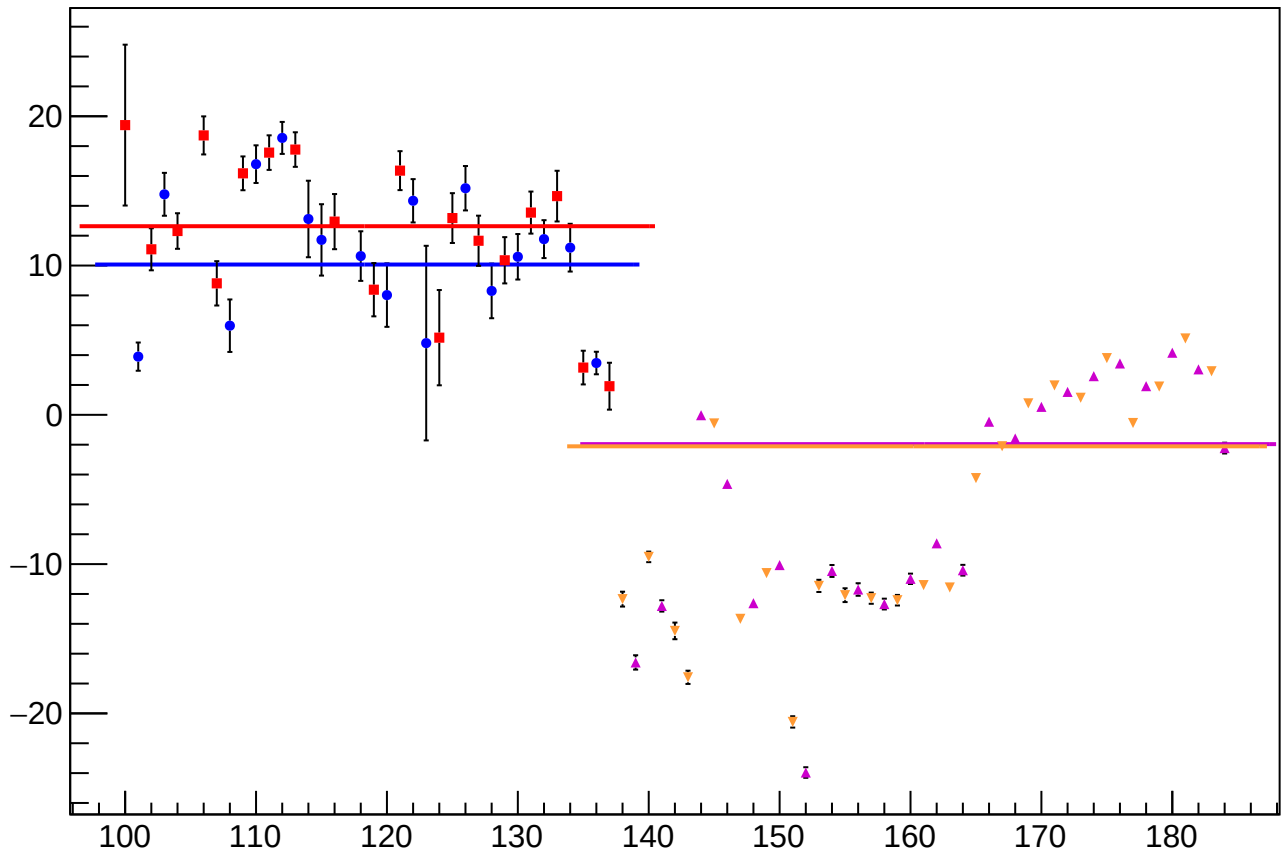
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -5.779 ± 0.040 χ^2/NDF : 2826.9/39

Out: -5.760 ± 0.041 χ^2/NDF : 2580.8/42

All: -5.770 ± 0.028 χ^2/NDF : 5407.8/82

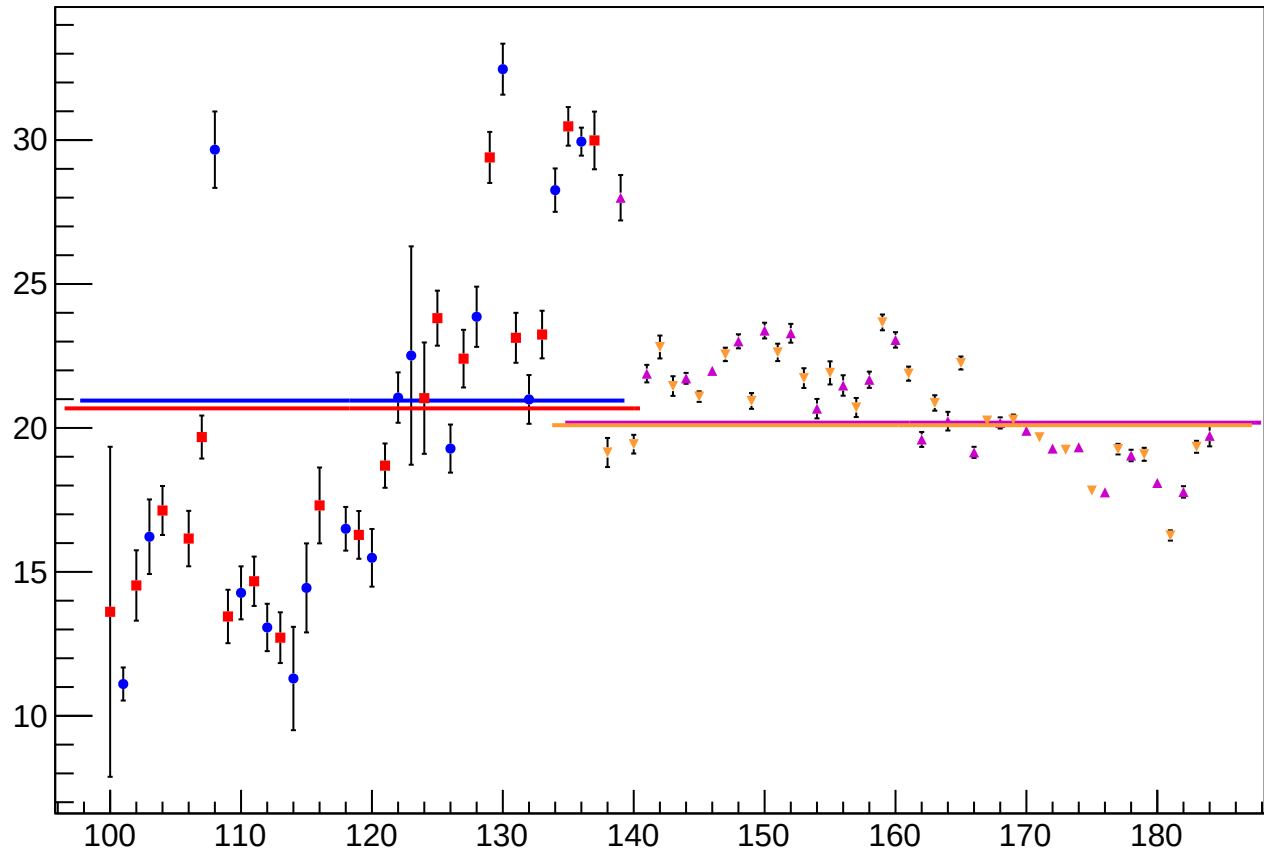
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -2.110 ± 0.052 $\chi^2/\text{NDF}: 16299.2/23$
 Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$
 Left In: -1.963 ± 0.051 $\chi^2/\text{NDF}: 15492.9/22$

Left: -2.035 ± 0.036 $\chi^2/\text{NDF}: 31796.2/46$
 Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$
 In: -1.694 ± 0.050 $\chi^2/\text{NDF}: 16989.4/39$
 Out: -1.758 ± 0.051 $\chi^2/\text{NDF}: 18439.7/42$
 All: -1.725 ± 0.036 $\chi^2/\text{NDF}: 35429.9/82$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.096 $\pm$ 0.046 χ^2 /NDF:1378.0/23

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 20.184 $\pm$ 0.046 χ^2 /NDF:1470.7/22

Left: 20.141 $\pm$ 0.033 χ^2 /NDF: 2850.6/46

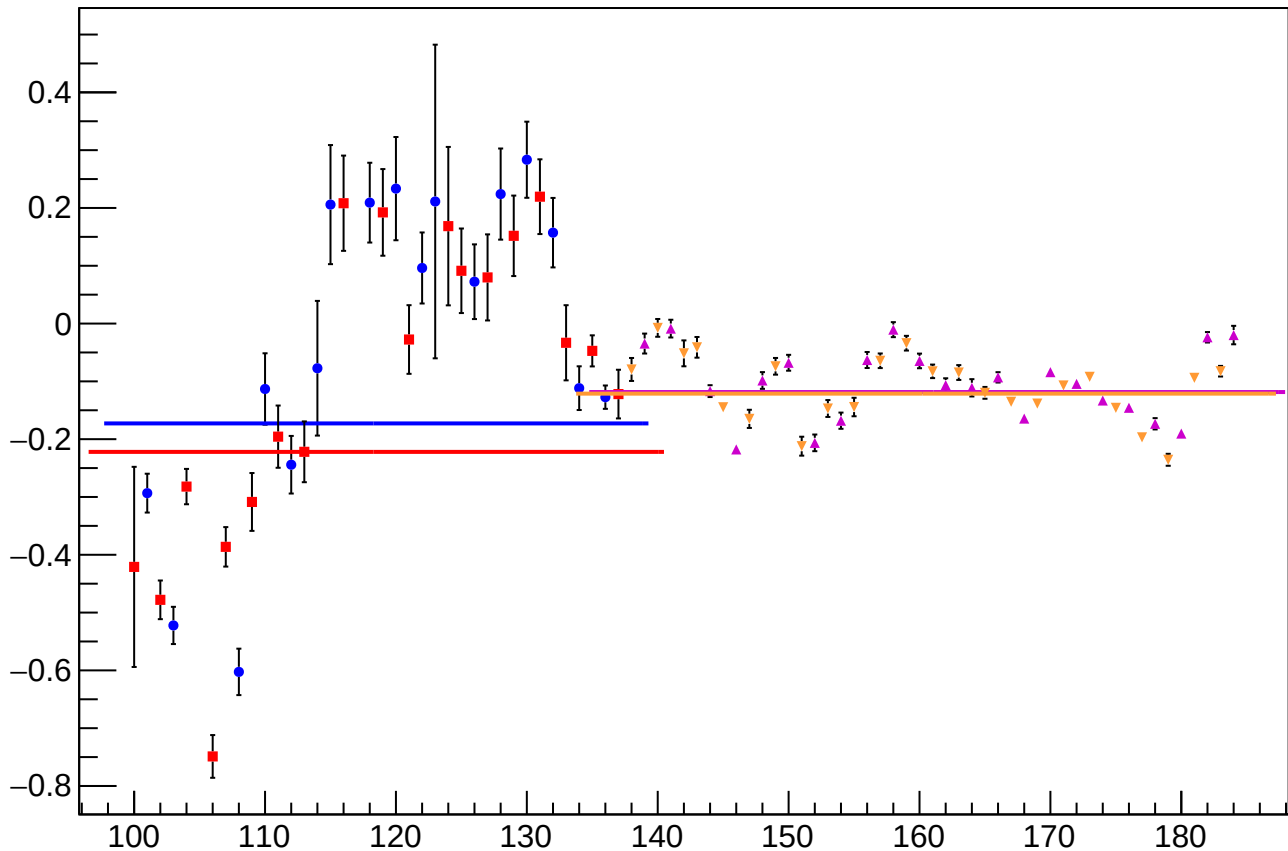
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 20.219 $\pm$ 0.045 χ^2 /NDF:2706.2/39

Out: 20.122 $\pm$ 0.045 χ^2 /NDF:2113.7/42

All: 20.172 $\pm$ 0.032 χ^2 /NDF: 4822.2/82

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.121 ± 0.002 χ^2/NDF : 521.1/23

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

Left: -0.120 ± 0.001 χ^2/NDF : 1249.4/46

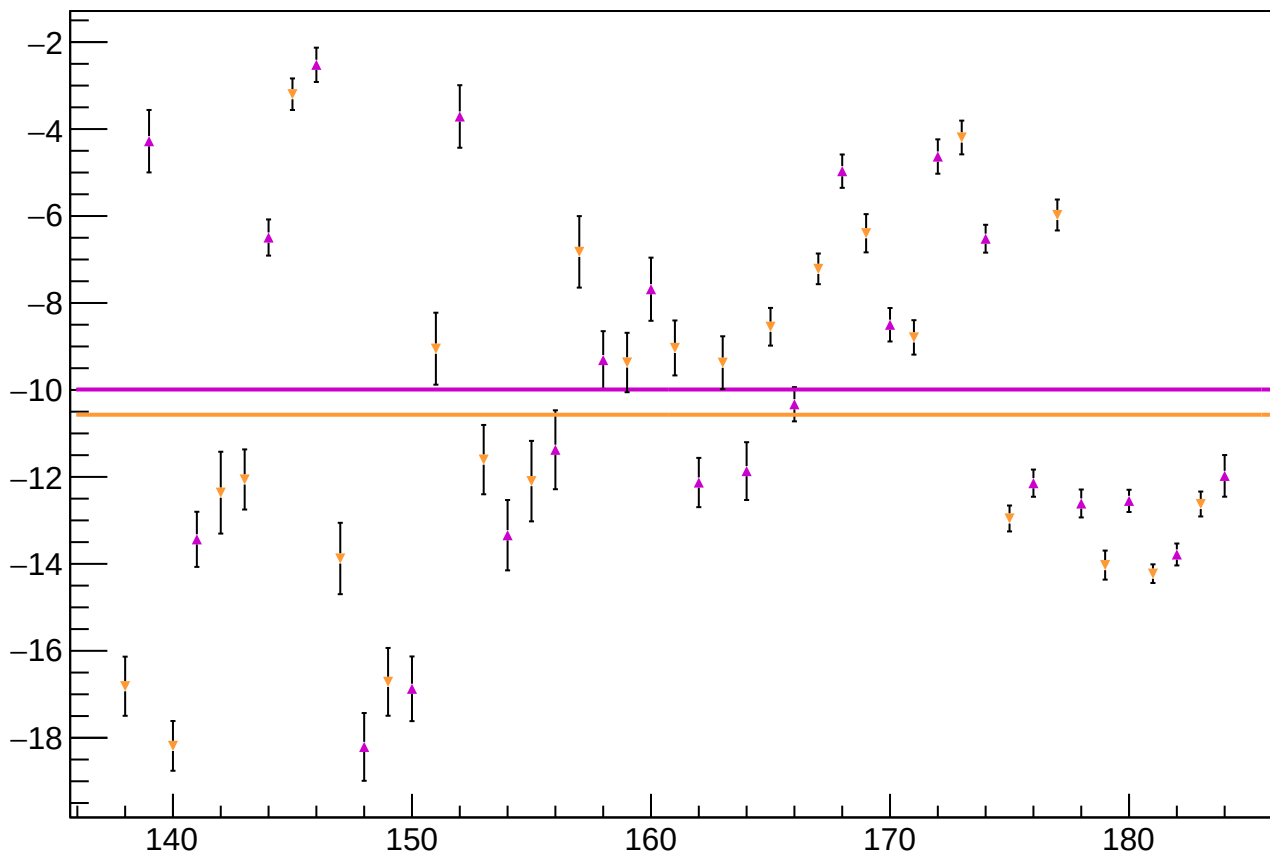
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.120 ± 0.002 χ^2/NDF : 1210.5/39

Out: -0.125 ± 0.002 χ^2/NDF : 1139.2/42

All: -0.123 ± 0.001 χ^2/NDF : 2352.2/82

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.570+/-0.089 χ^2/NDF :1975.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.990+/-0.089 χ^2/NDF :1794.2/22

Left: -10.280+/-0.063 χ^2/NDF : 3791.1/46

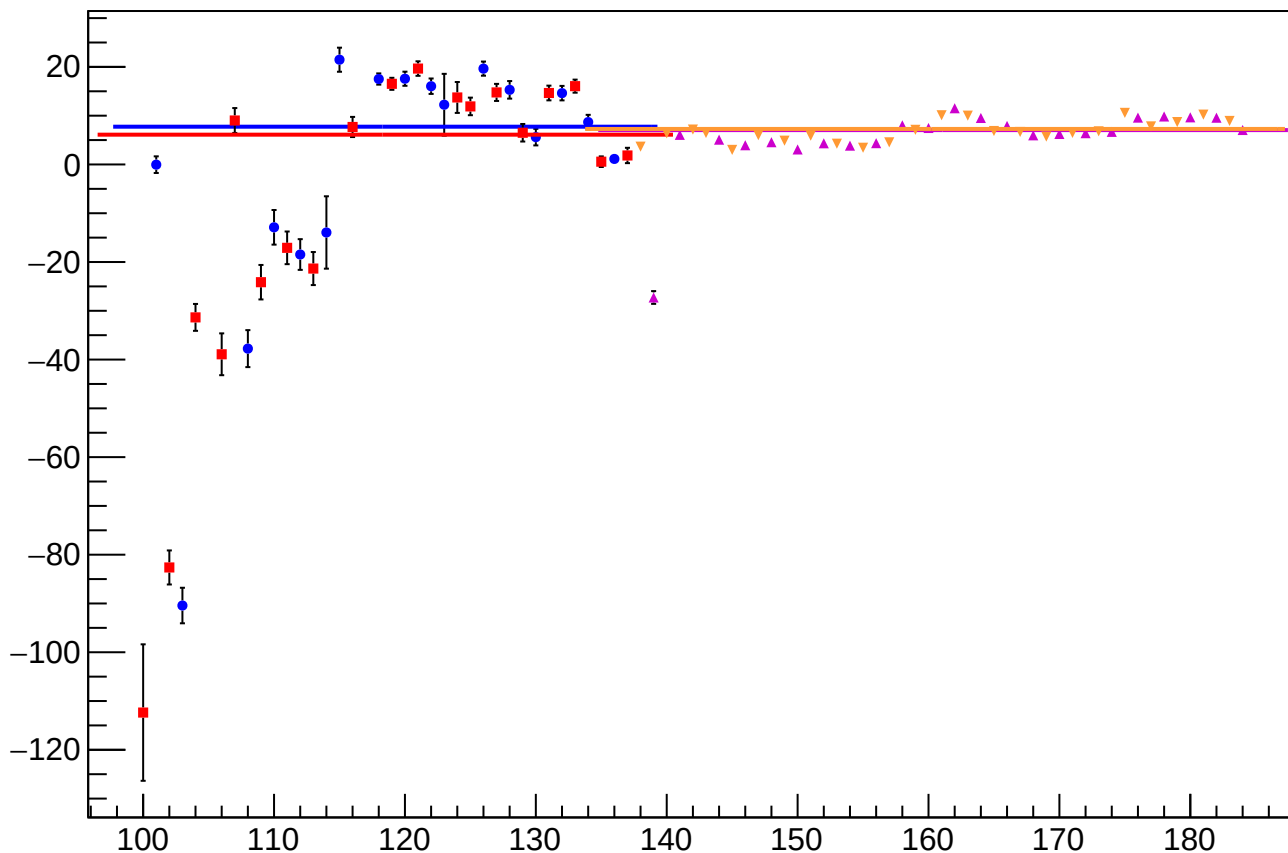
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.990+/-0.089 χ^2/NDF :1794.2/22

Out: -10.570+/-0.089 χ^2/NDF :1975.8/23

All: -10.280+/-0.063 χ^2/NDF : 3791.1/46

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 7.282 ± 0.074 χ^2/NDF : 852.1/23

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 7.043 ± 0.074 χ^2/NDF : 1604.6/22

Left: 7.162 ± 0.052 χ^2/NDF : 2461.9/46

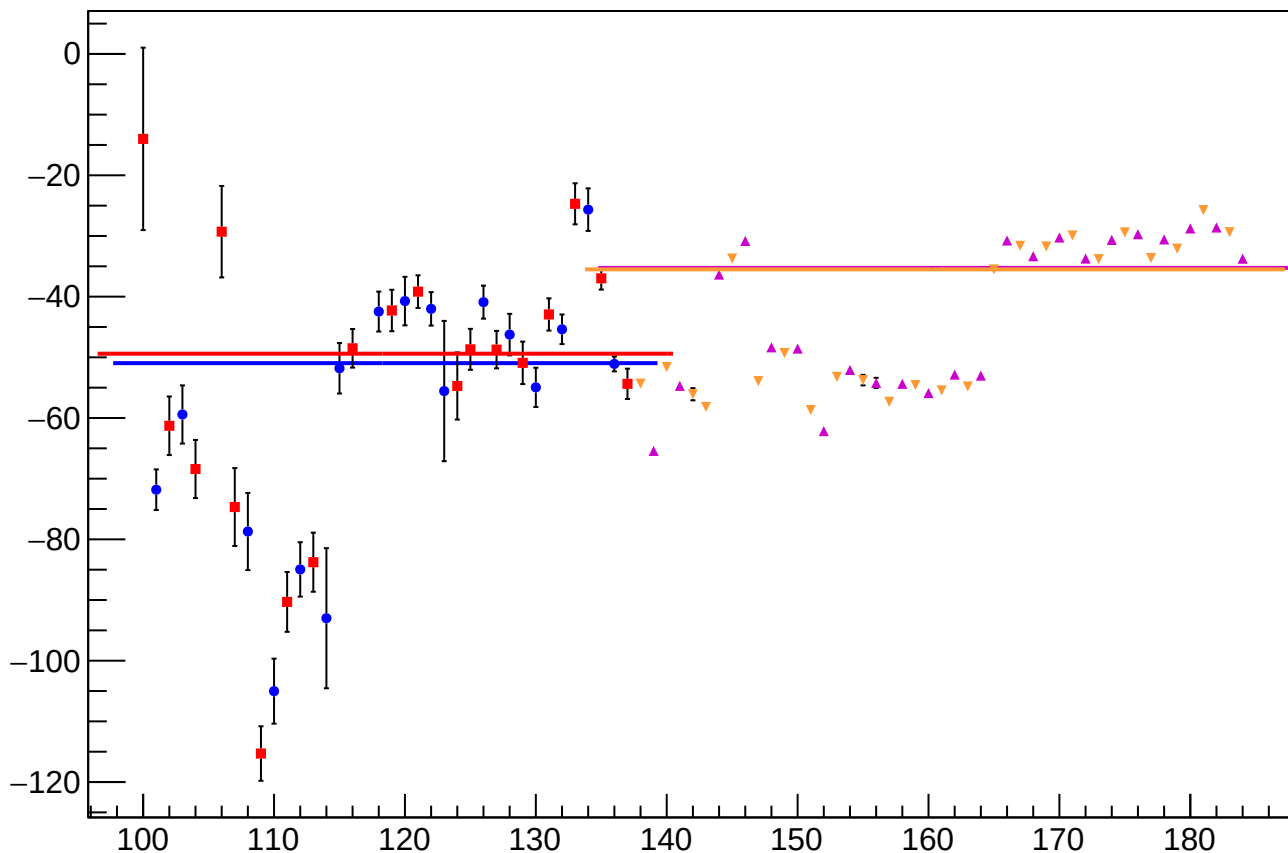
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 7.066 ± 0.073 χ^2/NDF : 2966.4/39

Out: 7.248 ± 0.073 χ^2/NDF : 2377.0/42

All: 7.156 ± 0.052 χ^2/NDF : 5346.5/82

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -35.504 ± 0.090 χ^2/NDF : 12761.7/23

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

Left: -35.382 ± 0.064 χ^2/NDF : 24534.6/46

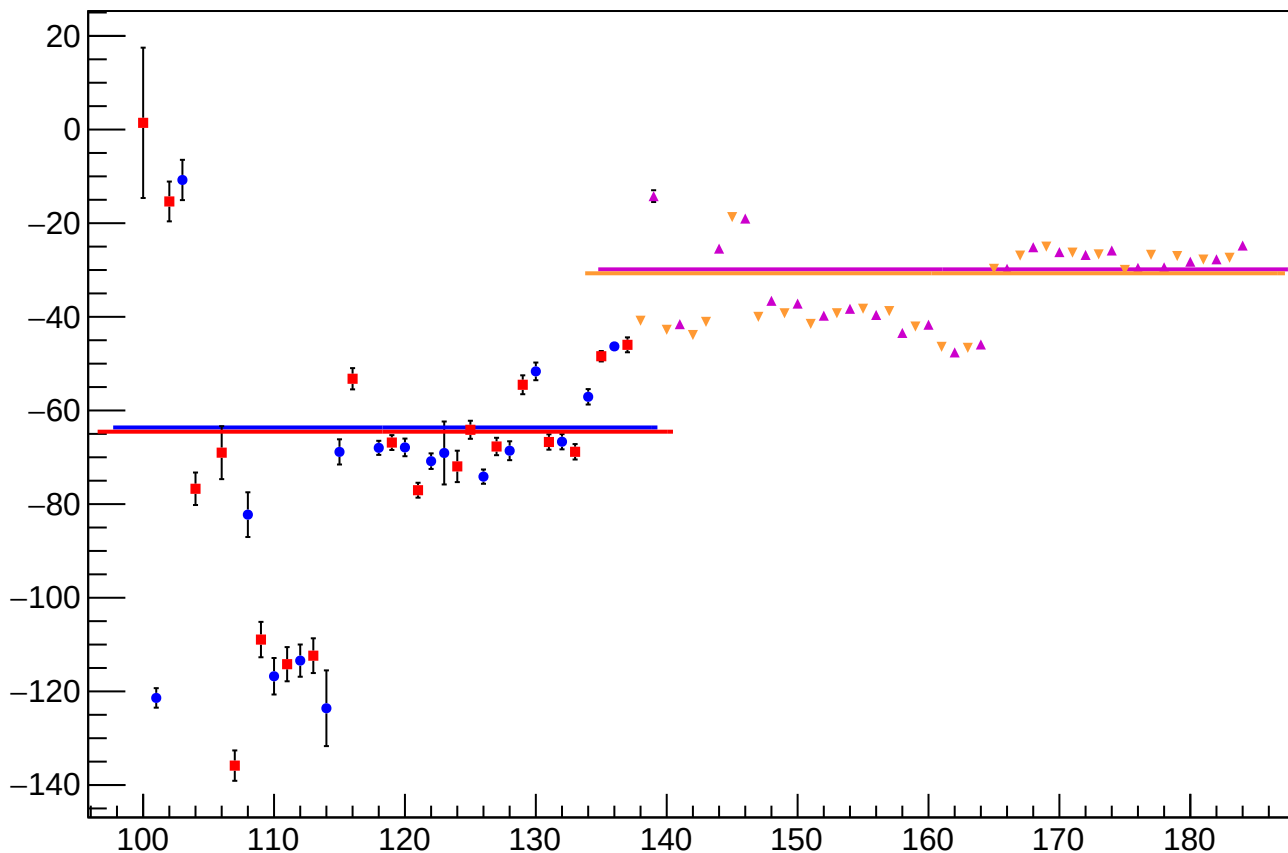
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -35.489 ± 0.089 χ^2/NDF : 12546.6/39

Out: -35.680 ± 0.090 χ^2/NDF : 13574.0/42

All: -35.584 ± 0.063 χ^2/NDF : 26122.9/82

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 $\chi^2/\text{NDF}: 2011.2/16$

Left Out: -30.702 ± 0.083 $\chi^2/\text{NDF}: 7826.2/23$

Right Out: -64.531 ± 0.482 $\chi^2/\text{NDF}: 1611.2/18$

Left In: -29.863 ± 0.082 $\chi^2/\text{NDF}: 7145.9/22$

Left: -30.280 ± 0.058 $\chi^2/\text{NDF}: 15023.9/46$

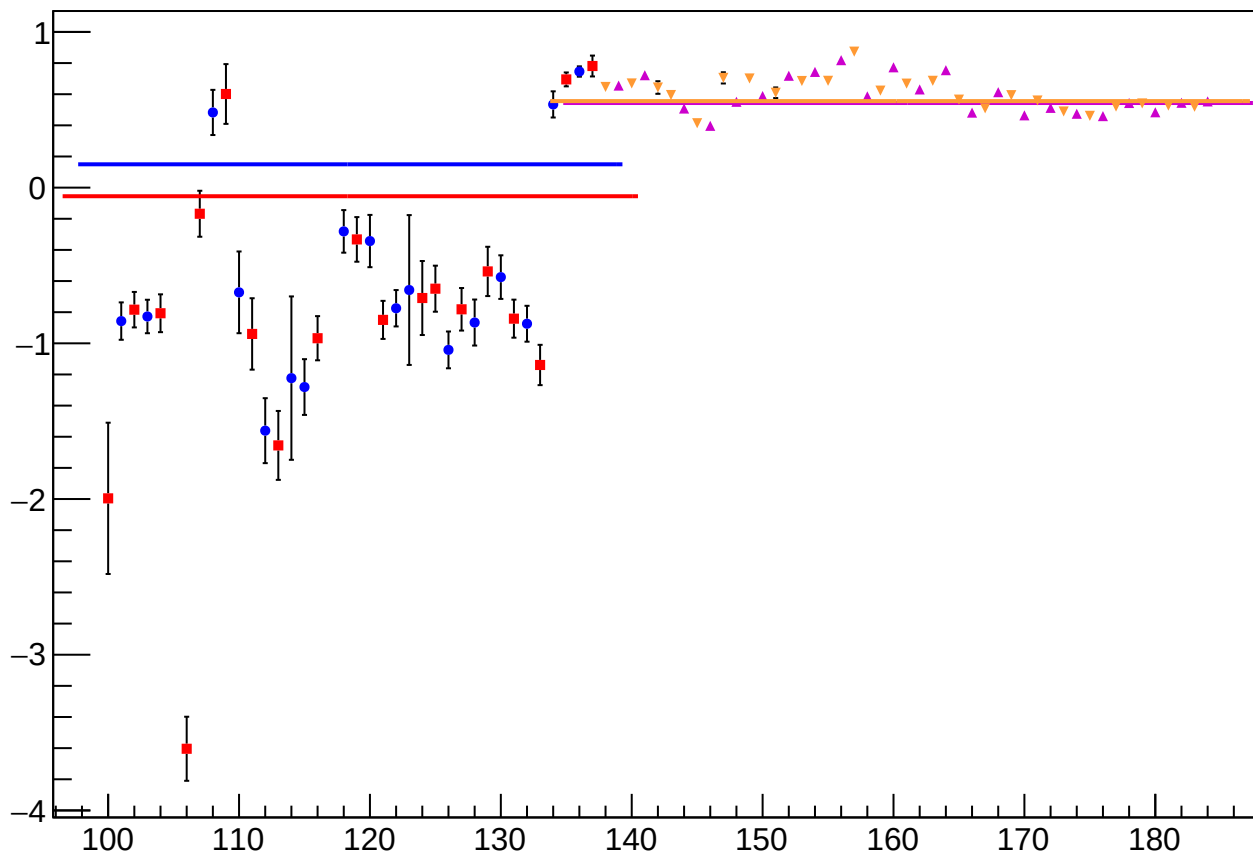
Right: -64.046 ± 0.327 $\chi^2/\text{NDF}: 3624.3/35$

In: -30.975 ± 0.081 $\chi^2/\text{NDF}: 14704.7/39$

Out: -31.669 ± 0.081 $\chi^2/\text{NDF}: 14223.3/42$

All: -31.319 ± 0.057 $\chi^2/\text{NDF}: 28964.6/82$

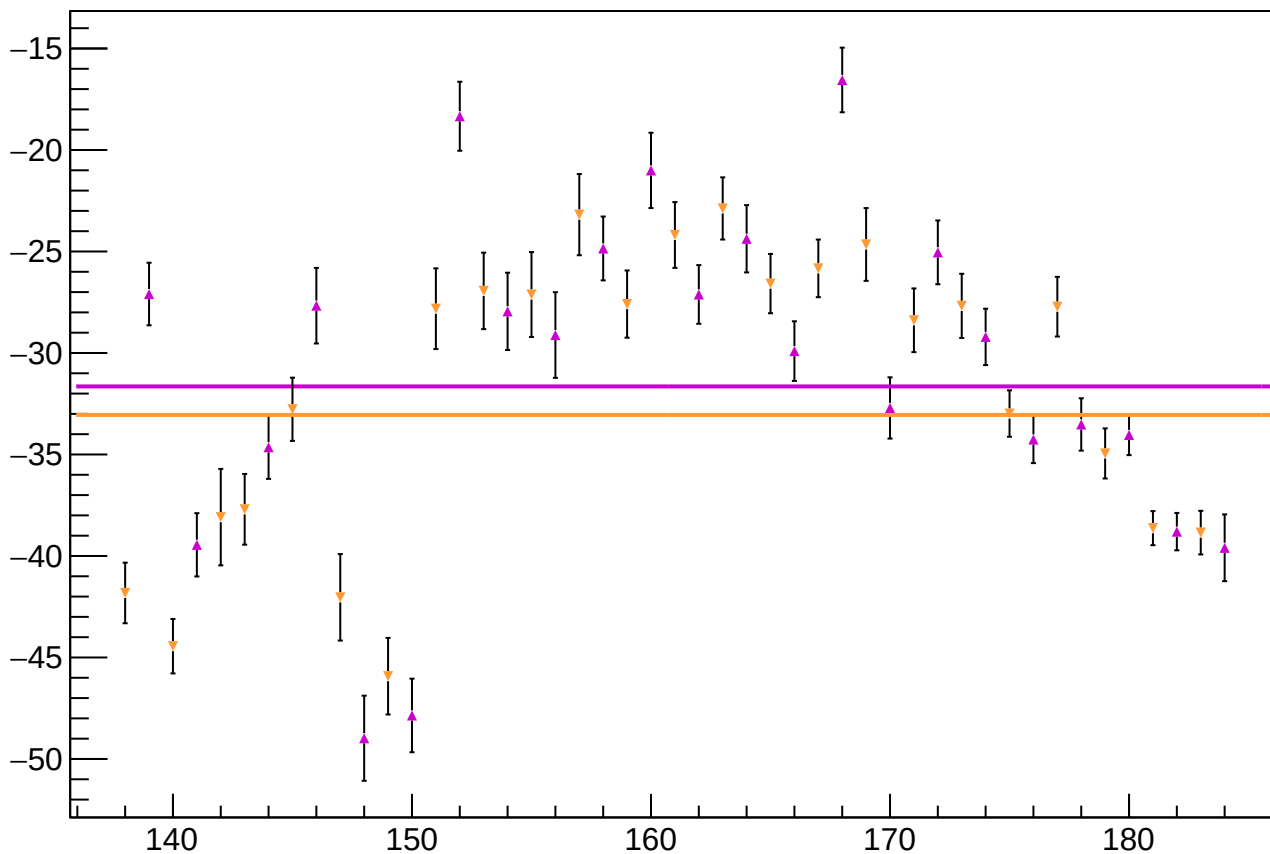
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.556 ± 0.004 $\chi^2/\text{NDF}: 526.3/23$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.544 ± 0.004 $\chi^2/\text{NDF}: 659.2/22$

Left: 0.550 ± 0.003 $\chi^2/\text{NDF}: 1190.8/46$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.534 ± 0.004 $\chi^2/\text{NDF}: 1911.3/39$
 Out: 0.543 ± 0.004 $\chi^2/\text{NDF}: 2229.5/42$
 All: 0.539 ± 0.003 $\chi^2/\text{NDF}: 4143.8/82$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -33.051 $\pm$ 0.303 χ^2 /NDF:494.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -31.647 $\pm$ 0.308 χ^2 /NDF:546.9/22

Left: -32.359 $\pm$ 0.216 χ^2 /NDF: 1051.4/46

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -31.647 $\pm$ 0.308 χ^2 /NDF:546.9/22

Out: -33.051 $\pm$ 0.303 χ^2 /NDF:494.0/23

All: -32.359 $\pm$ 0.216 χ^2 /NDF: 1051.4/46

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -34.157 ± 0.244 χ^2/NDF : 679.4/23

Right Out: -48.945 ± 0.762 χ^2/NDF : 1273.6/18

Left In: -34.189 ± 0.250 χ^2/NDF : 1546.1/22

Left: -34.173 ± 0.175 χ^2/NDF : 2225.6/46

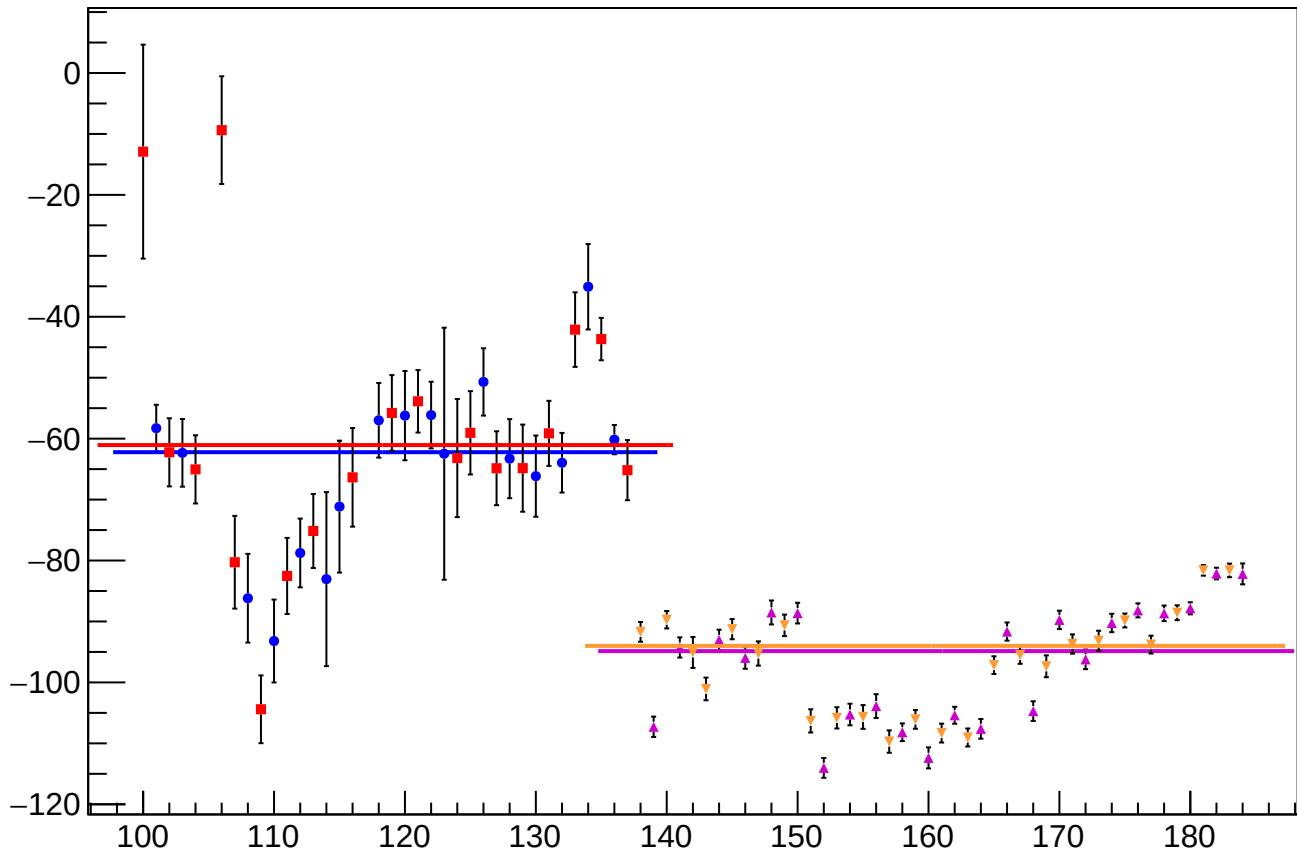
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -35.483 ± 0.236 χ^2/NDF : 2880.4/39

Out: -35.526 ± 0.232 χ^2/NDF : 2294.4/42

All: -35.505 ± 0.166 χ^2/NDF : 5174.8/82

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -94.006 ± 0.305 χ^2/NDF : 847.2/23

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

Left: -94.430 ± 0.216 χ^2/NDF : 1836.6/46

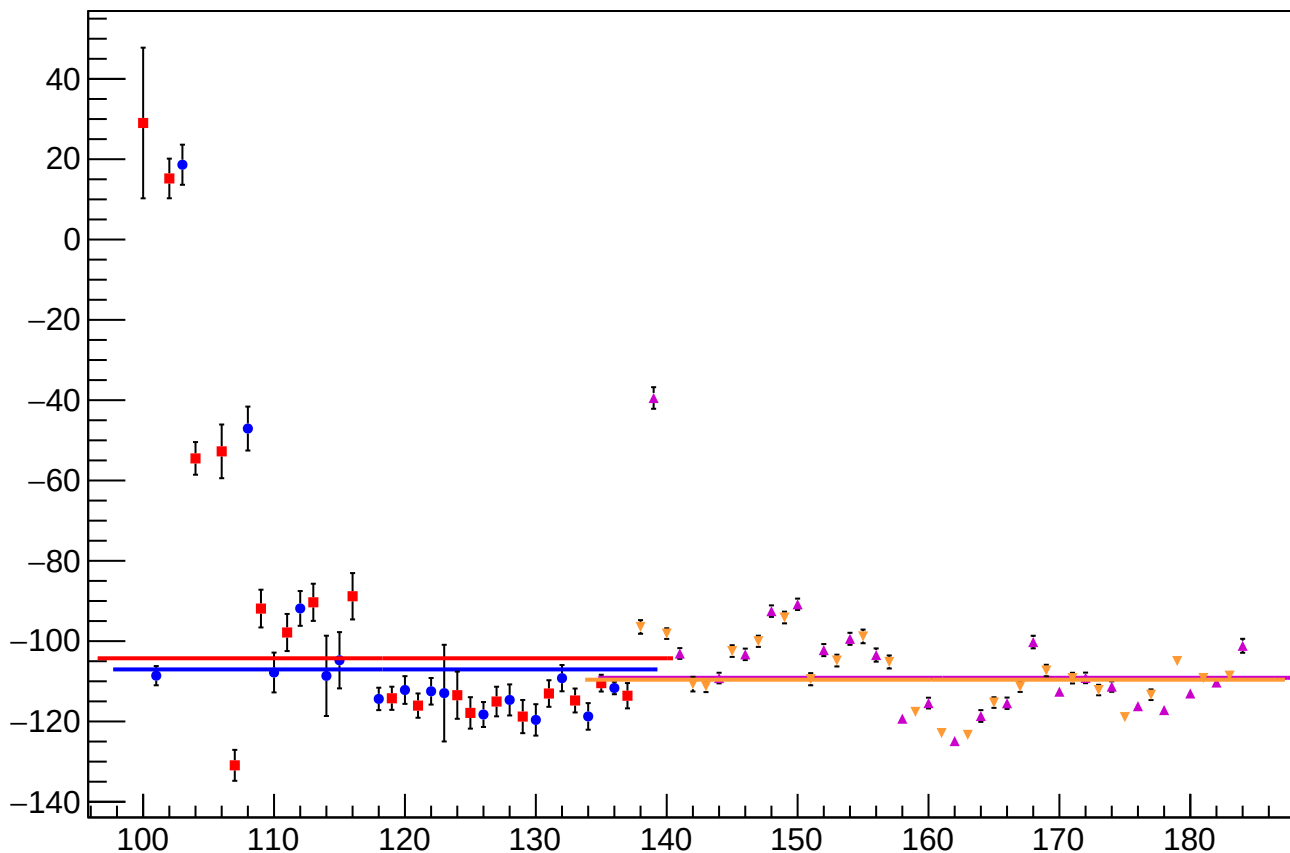
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -93.163 ± 0.299 χ^2/NDF : 1639.8/39

Out: -92.472 ± 0.297 χ^2/NDF : 1558.0/42

All: -92.815 ± 0.211 χ^2/NDF : 3200.6/82

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: -109.600 ± 0.274 $\chi^2/\text{NDF}: 783.5/23$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -109.126 ± 0.279 $\chi^2/\text{NDF}: 1578.7/22$

Left: -109.368 ± 0.195 $\chi^2/\text{NDF}: 2363.7/46$

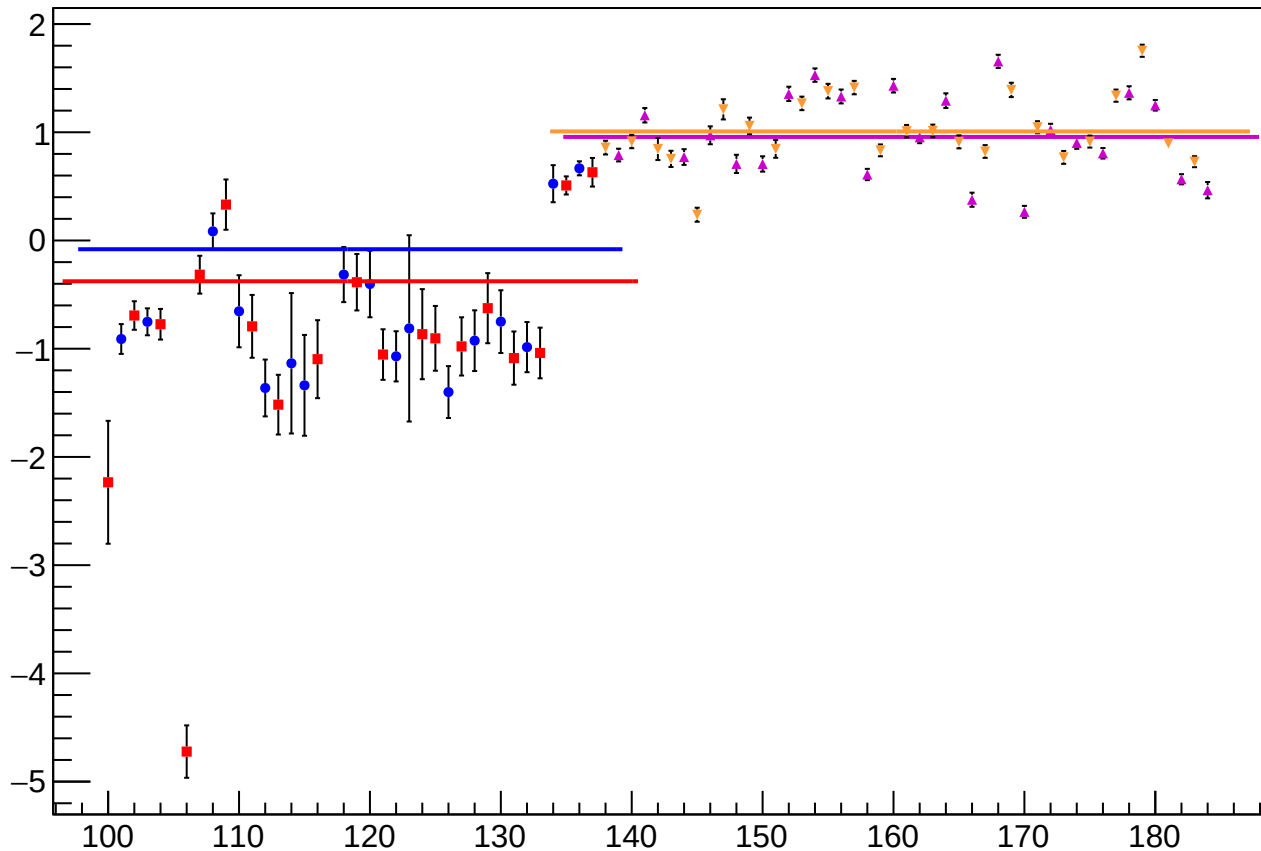
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -108.906 ± 0.264 $\chi^2/\text{NDF}: 2412.5/39$

Out: -109.110 ± 0.261 $\chi^2/\text{NDF}: 1836.4/42$

All: -109.009 ± 0.186 $\chi^2/\text{NDF}: 4249.2/82$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 1.008 ± 0.013 χ^2/NDF : 584.2/23

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

Left: 0.982 ± 0.009 χ^2/NDF : 1488.9/46

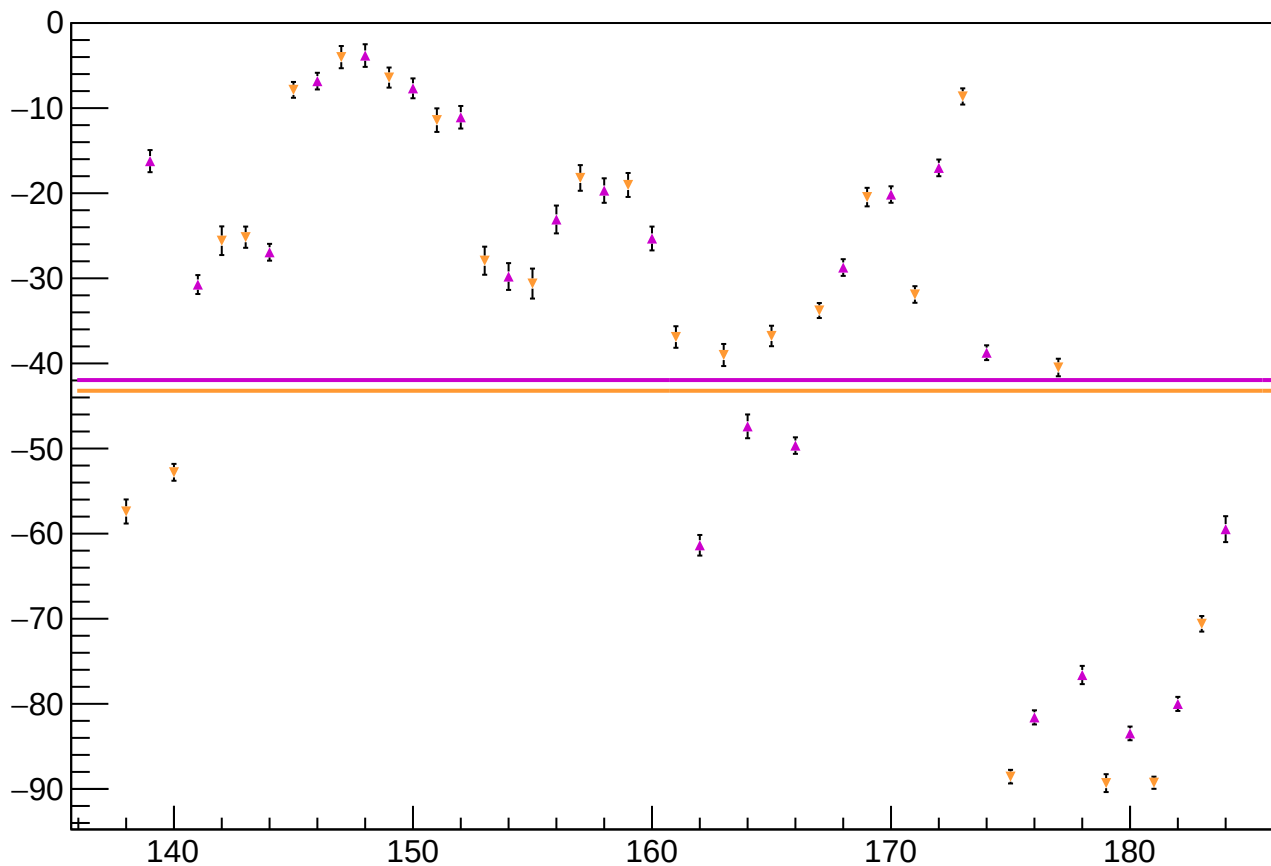
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.872 ± 0.012 χ^2/NDF : 1780.6/39

Out: 0.903 ± 0.012 χ^2/NDF : 2088.4/42

All: 0.887 ± 0.009 χ^2/NDF : 3872.2/82

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -43.213+/-0.224 χ^2/NDF :17340.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.955+/-0.226 χ^2/NDF :14723.4/22

Left: -42.589+/-0.159 χ^2/NDF : 32079.2/46

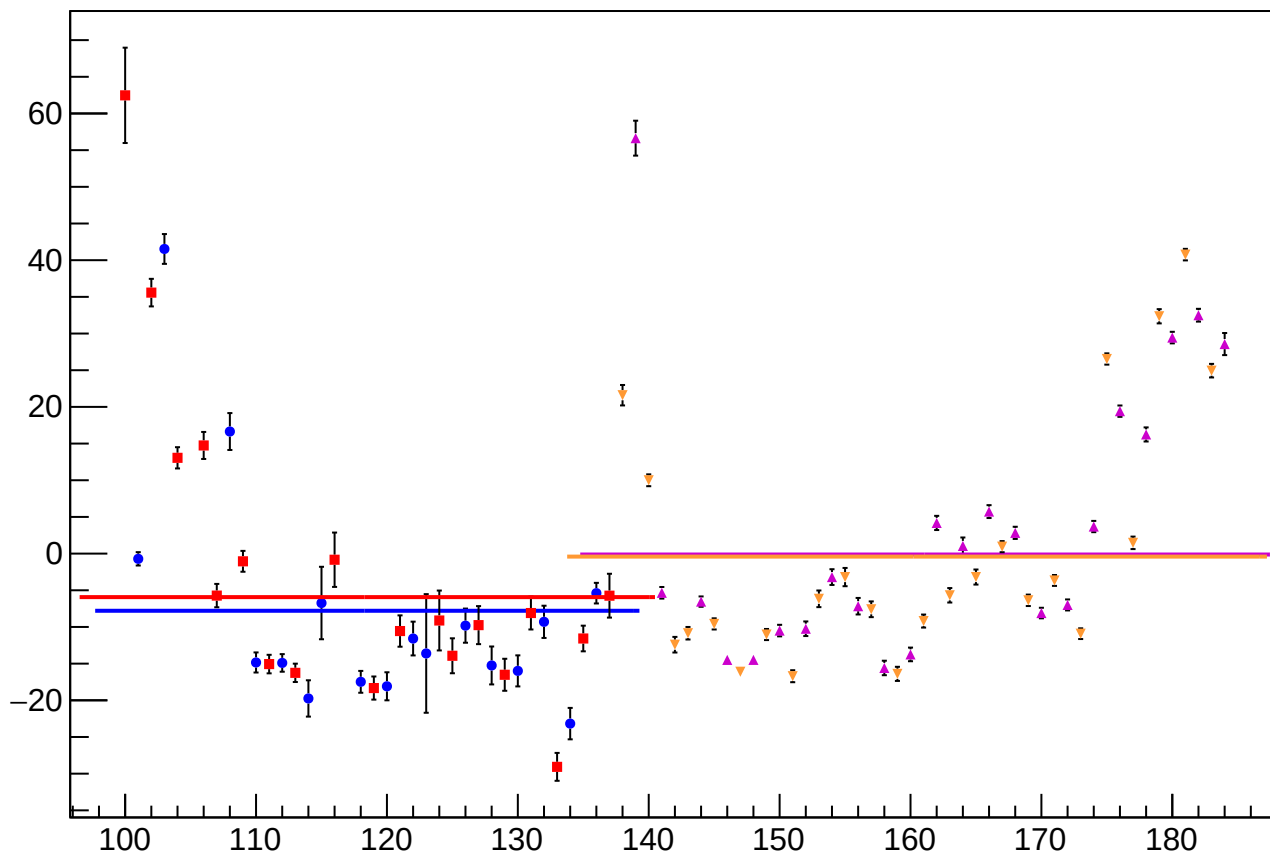
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.955+/-0.226 χ^2/NDF :14723.4/22

Out: -43.213+/-0.224 χ^2/NDF :17340.2/23

All: -42.589+/-0.159 χ^2/NDF : 32079.2/46

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -0.409 ± 0.176 χ^2/NDF : 8687.9/23

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -0.125 ± 0.179 χ^2/NDF : 6925.0/22

Left: -0.269 ± 0.125 χ^2/NDF : 15614.2/46

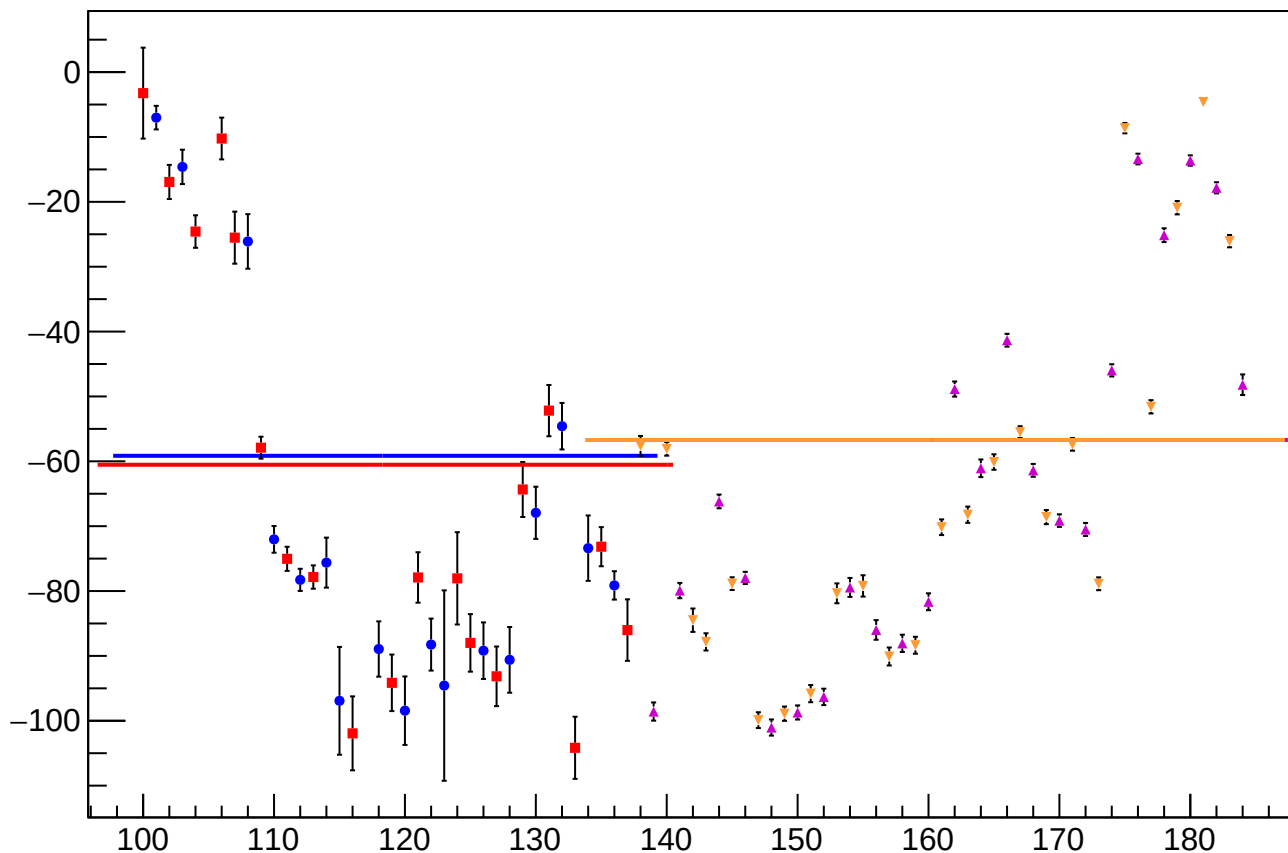
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -1.262 ± 0.165 χ^2/NDF : 8181.2/39

Out: -1.202 ± 0.162 χ^2/NDF : 10124.1/42

All: -1.232 ± 0.116 χ^2/NDF : 18305.5/82

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -56.712 ± 0.225 χ^2/NDF : 18104.9/23

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -56.705 ± 0.226 χ^2/NDF : 16547.5/22

Left: -56.708 ± 0.160 χ^2/NDF : 34652.4/46

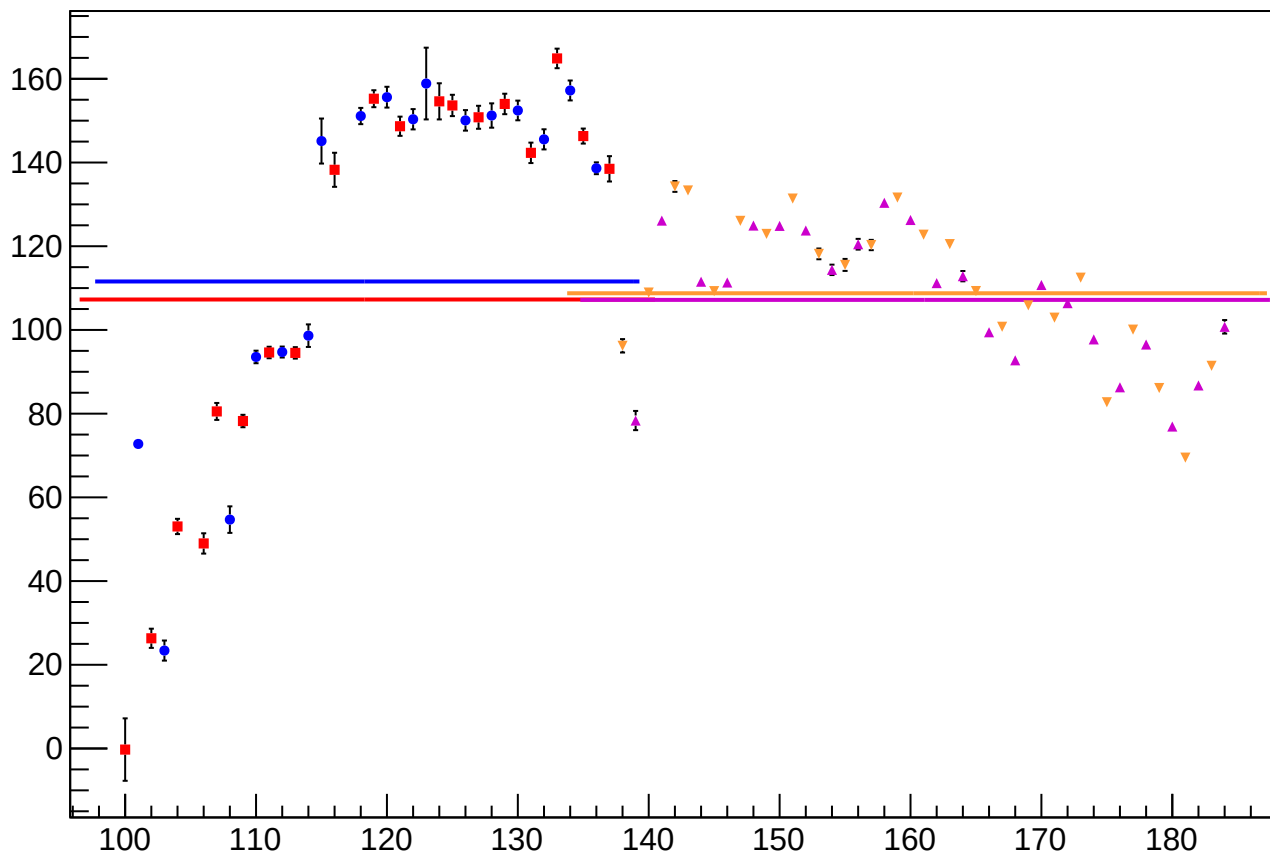
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -56.911 ± 0.216 χ^2/NDF : 18275.7/39

Out: -57.066 ± 0.215 χ^2/NDF : 19516.8/42

All: -56.989 ± 0.152 χ^2/NDF : 37792.8/82

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 ± 0.487 $\chi^2/\text{NDF}: 5946.0/16$

Left Out: 108.764 ± 0.199 $\chi^2/\text{NDF}: 7395.8/23$

Right Out: 107.273 ± 0.488 $\chi^2/\text{NDF}: 7044.9/18$

Left In: 107.180 ± 0.202 $\chi^2/\text{NDF}: 5592.3/22$

Left: 107.983 ± 0.142 $\chi^2/\text{NDF}: 13019.4/46$

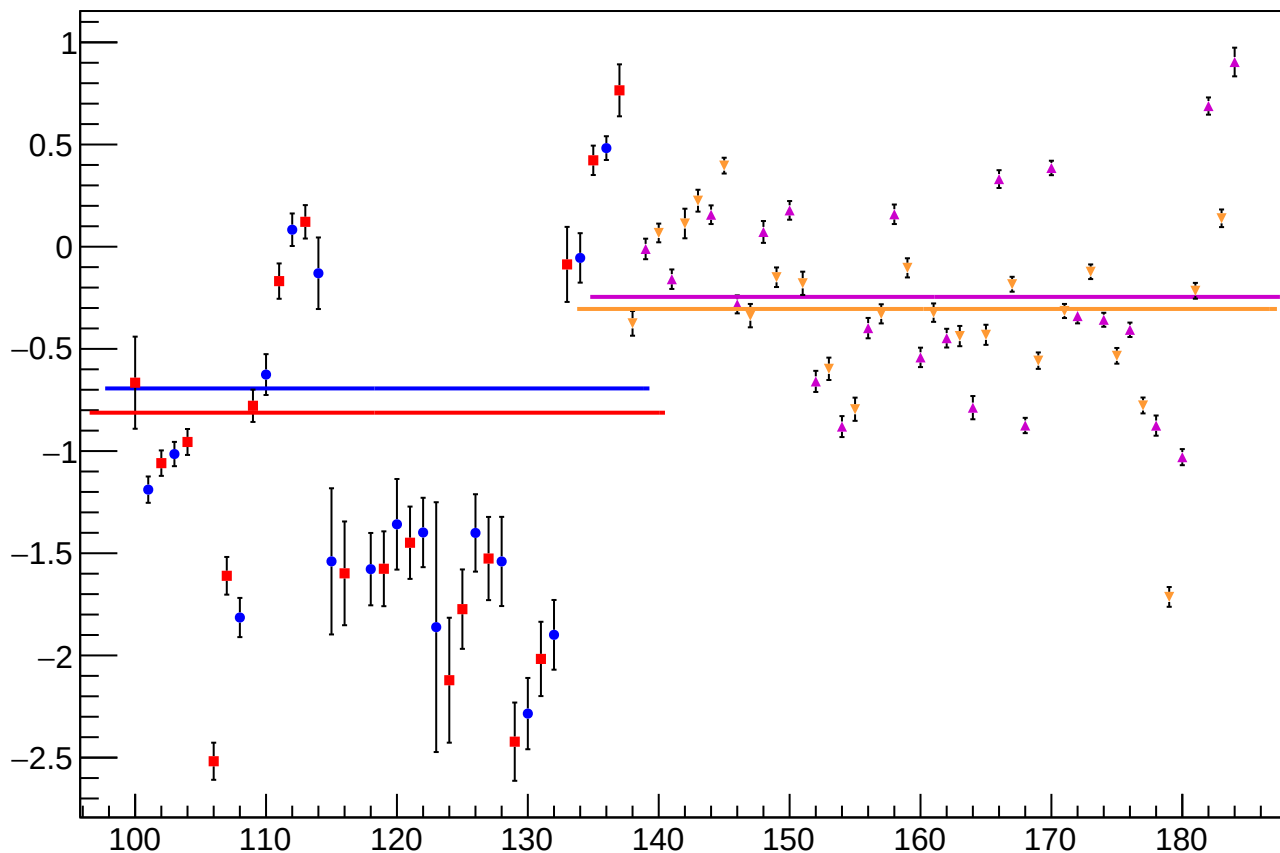
Right: 109.427 ± 0.345 $\chi^2/\text{NDF}: 13029.8/35$

In: 107.823 ± 0.186 $\chi^2/\text{NDF}: 11607.8/39$

Out: 108.551 ± 0.184 $\chi^2/\text{NDF}: 14448.7/42$

All: 108.191 ± 0.131 $\chi^2/\text{NDF}: 26064.3/82$

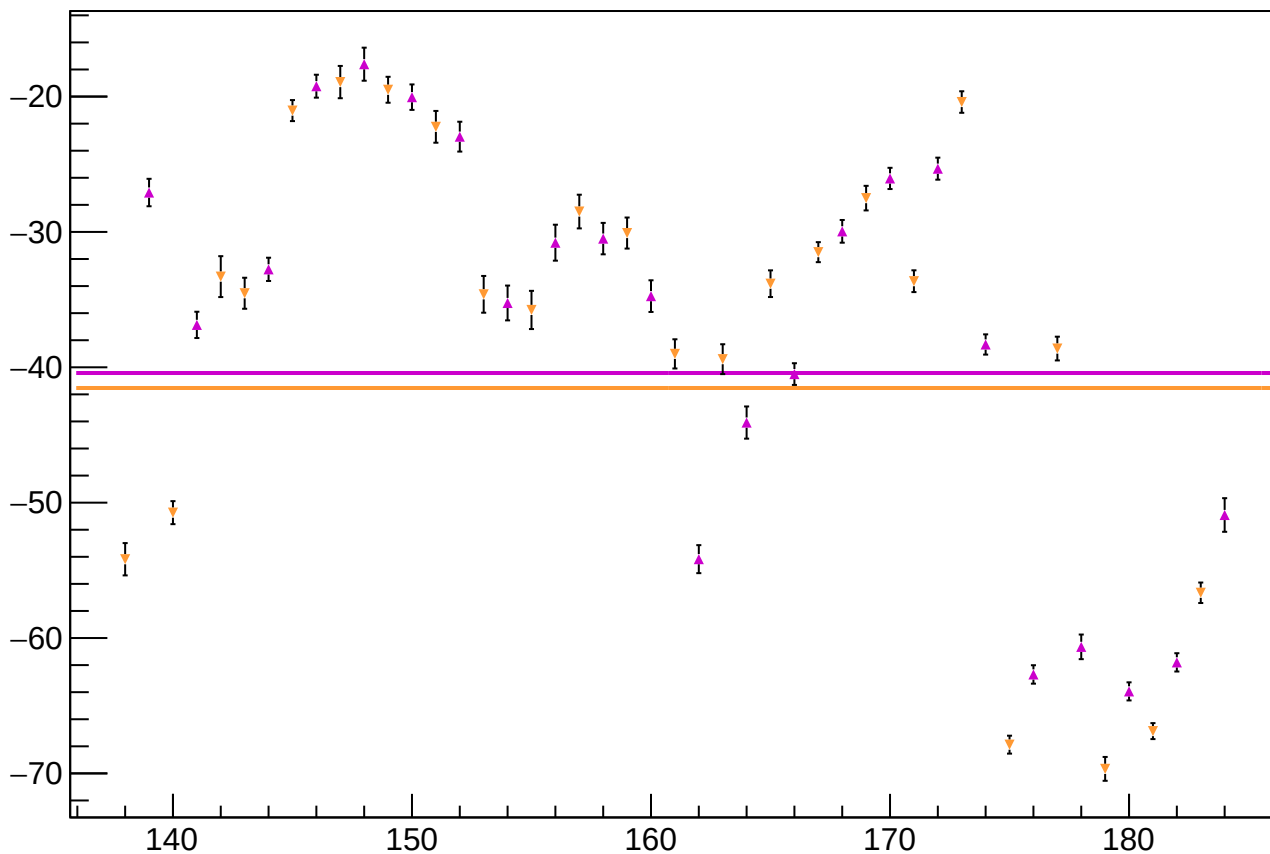
reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16
 Left Out: -0.305 ± 0.009 χ^2/NDF : 1898.9/23
 Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18
 Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

Left: -0.275 ± 0.007 χ^2/NDF : 4723.8/46
 Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35
 In: -0.296 ± 0.009 χ^2/NDF : 4062.2/39
 Out: -0.368 ± 0.009 χ^2/NDF : 3588.8/42
 All: -0.332 ± 0.006 χ^2/NDF : 7685.6/82

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.529+/-0.188 χ^2/NDF :8554.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.422+/-0.189 χ^2/NDF :7030.2/22

Left: -40.978+/-0.133 χ^2/NDF : 15602.2/46

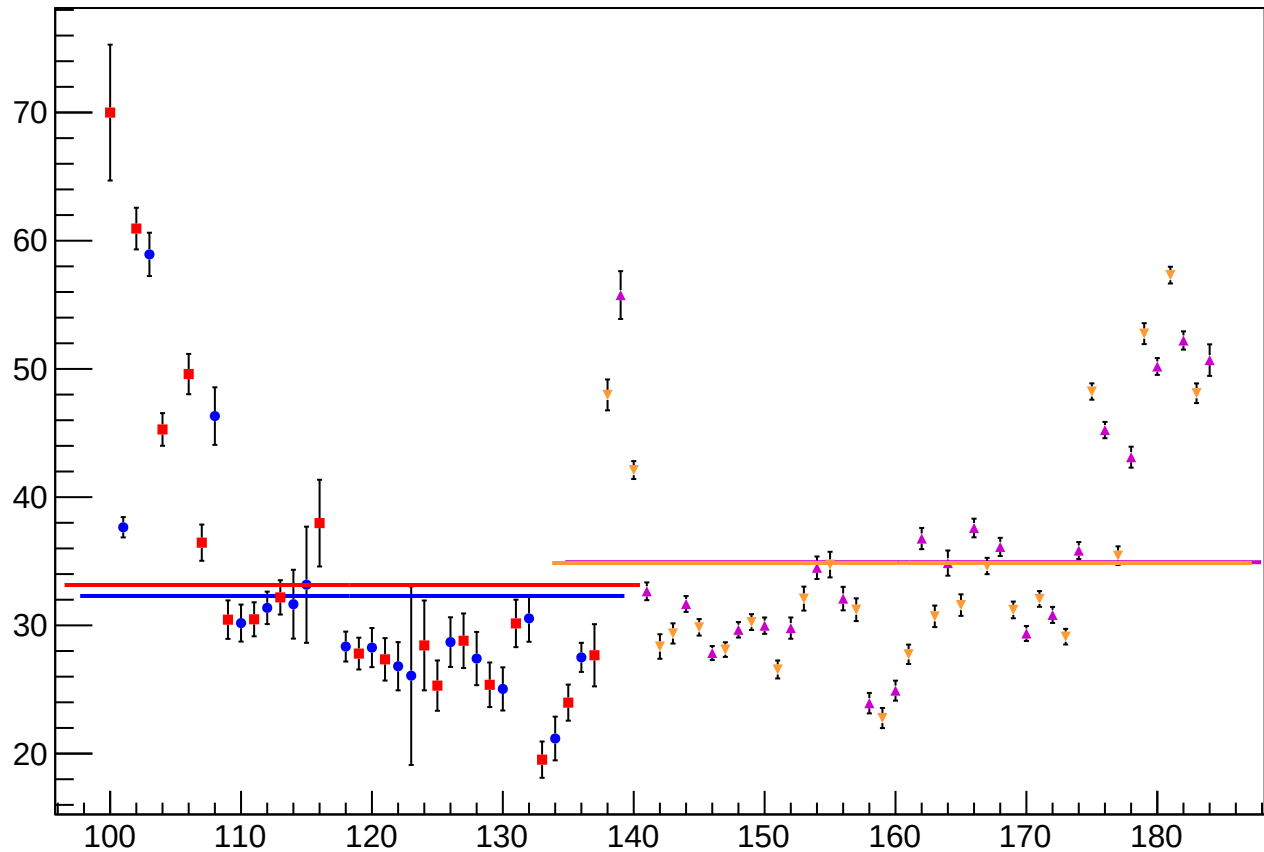
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.422+/-0.189 χ^2/NDF :7030.2/22

Out: -41.529+/-0.188 χ^2/NDF :8554.8/23

All: -40.978+/-0.133 χ^2/NDF : 15602.2/46

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 34.863 ± 0.149 $\chi^2/\text{NDF}: 3654.5/23$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 34.928 ± 0.151 $\chi^2/\text{NDF}: 2688.4/22$

Left: 34.895 ± 0.106 $\chi^2/\text{NDF}: 6343.0/46$

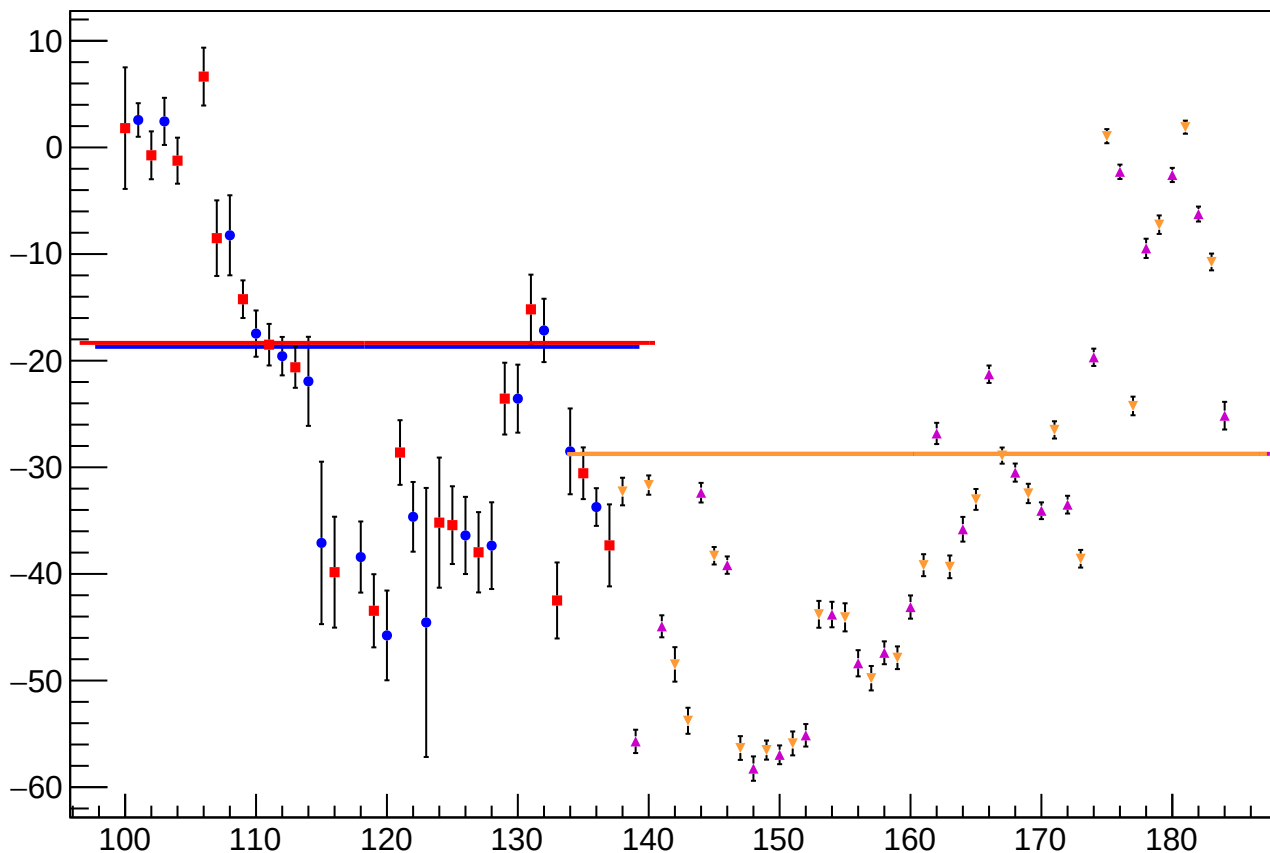
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 34.557 ± 0.140 $\chi^2/\text{NDF}: 3183.8/39$

Out: 34.634 ± 0.138 $\chi^2/\text{NDF}: 4444.9/42$

All: 34.596 ± 0.098 $\chi^2/\text{NDF}: 7628.9/82$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -28.756 ± 0.189 $\chi^2/\text{NDF}: 9891.4/23$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -28.735 ± 0.189 $\chi^2/\text{NDF}: 9155.5/22$

Left: -28.746 ± 0.134 $\chi^2/\text{NDF}: 19046.9/46$

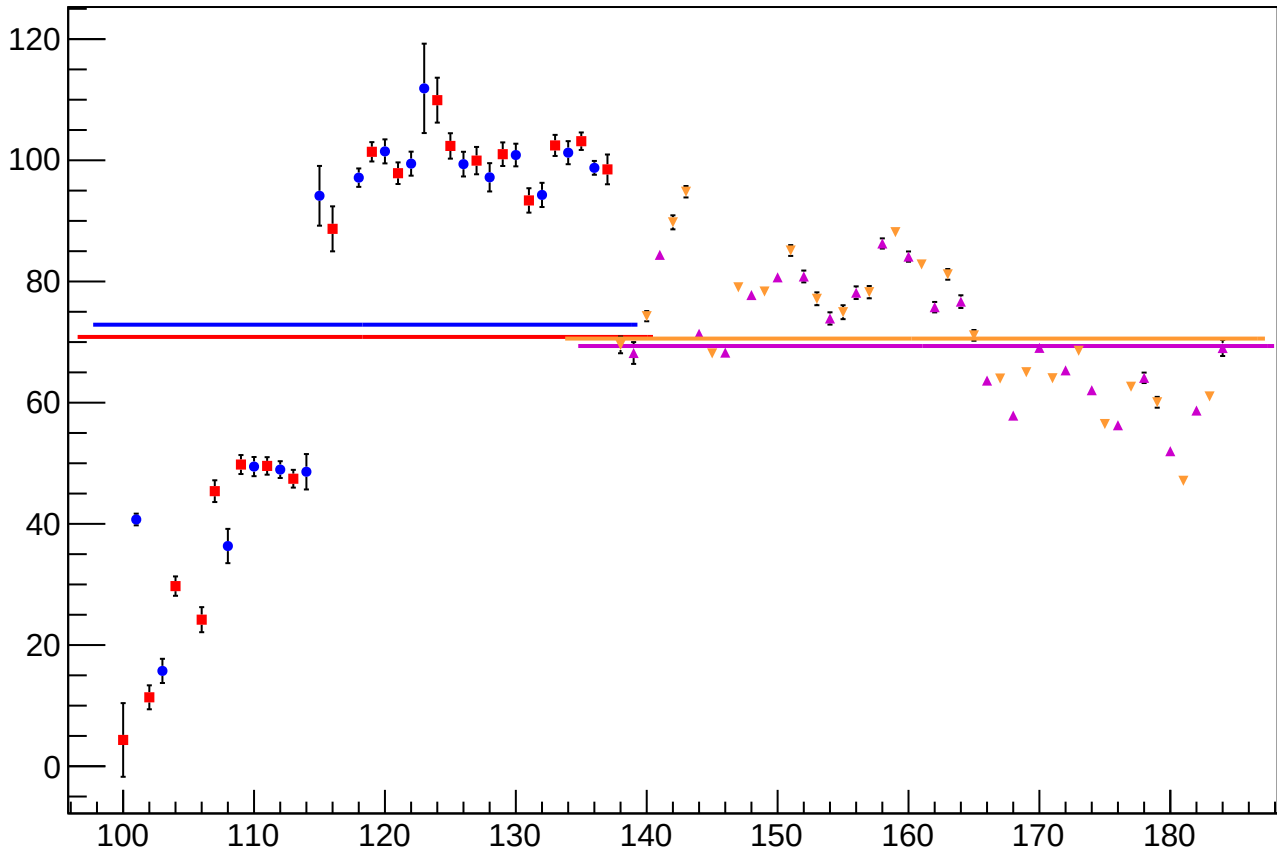
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -27.989 ± 0.182 $\chi^2/\text{NDF}: 9884.5/39$

Out: -27.930 ± 0.181 $\chi^2/\text{NDF}: 10607.2/42$

All: -27.959 ± 0.128 $\chi^2/\text{NDF}: 20491.7/82$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 70.578 $\pm$ 0.168 χ^2 /NDF: 4590.9/23

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 69.350 $\pm$ 0.170 χ^2 /NDF: 3330.7/22

Left: 69.971 $\pm$ 0.119 χ^2 /NDF: 7948.1/46

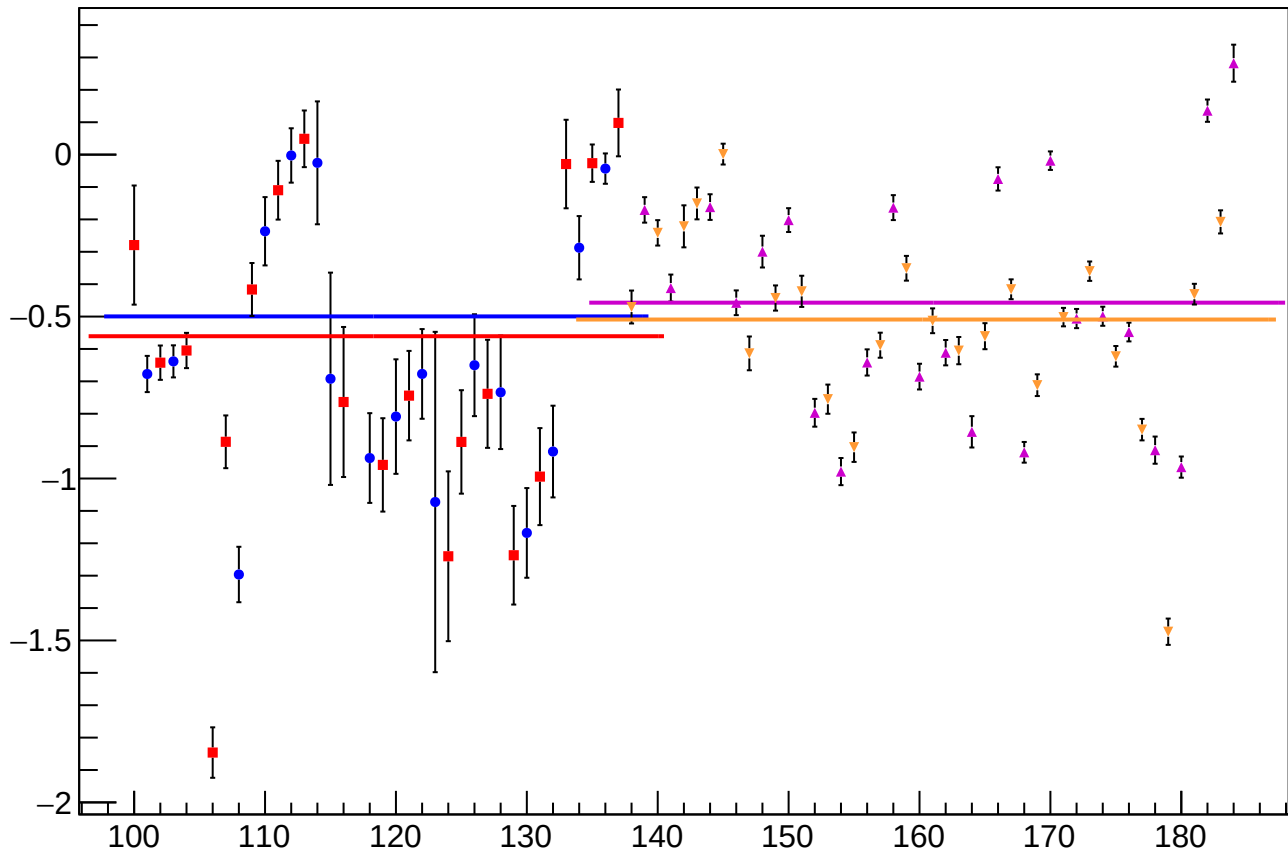
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 69.831 $\pm$ 0.158 χ^2 /NDF: 8116.6/39

Out: 70.613 $\pm$ 0.156 χ^2 /NDF: 10086.7/42

All: 70.225 $\pm$ 0.111 χ^2 /NDF: 18215.7/82

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.509 ± 0.008 χ^2/NDF : 1344.8/23

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

Left: -0.483 ± 0.005 χ^2/NDF : 3342.9/46

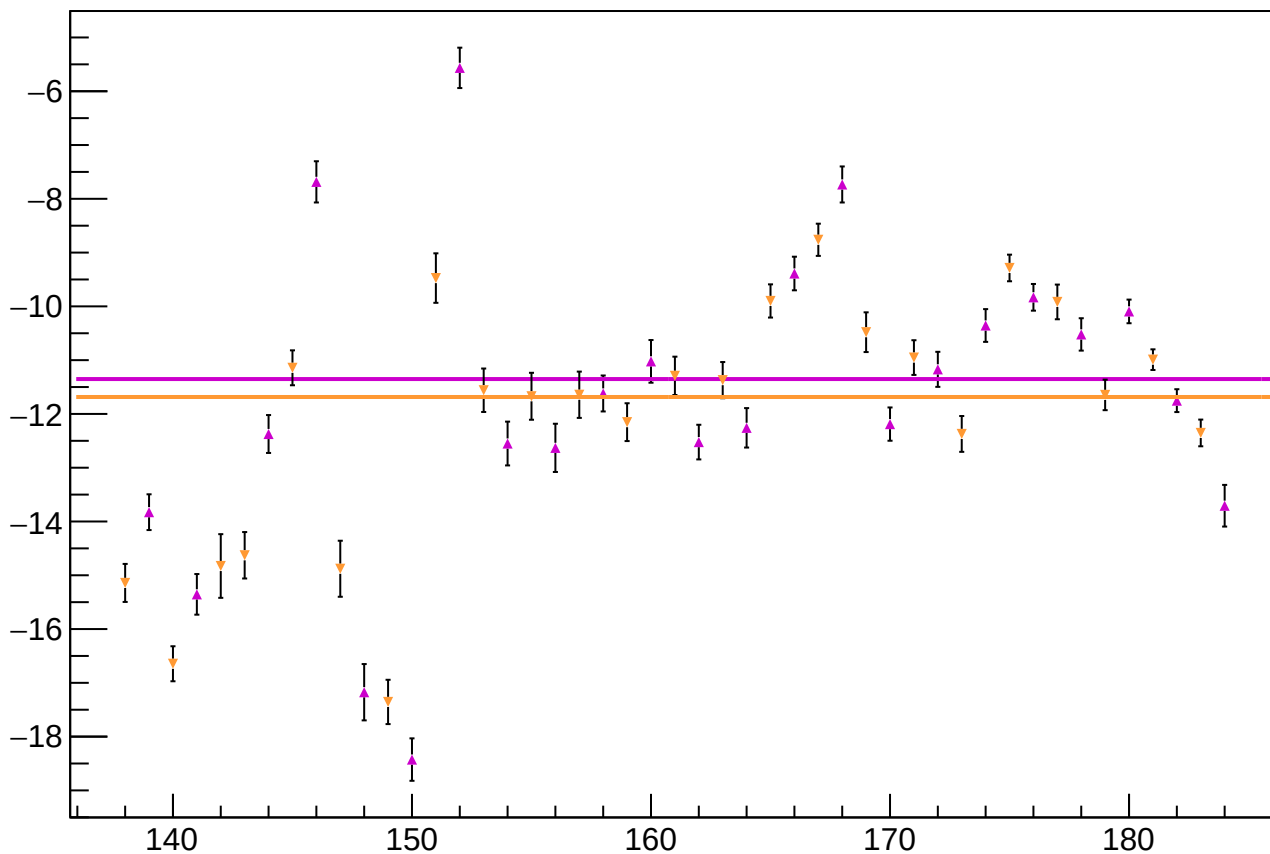
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.462 ± 0.007 χ^2/NDF : 2281.1/39

Out: -0.515 ± 0.007 χ^2/NDF : 1911.7/42

All: -0.488 ± 0.005 χ^2/NDF : 4219.9/82

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



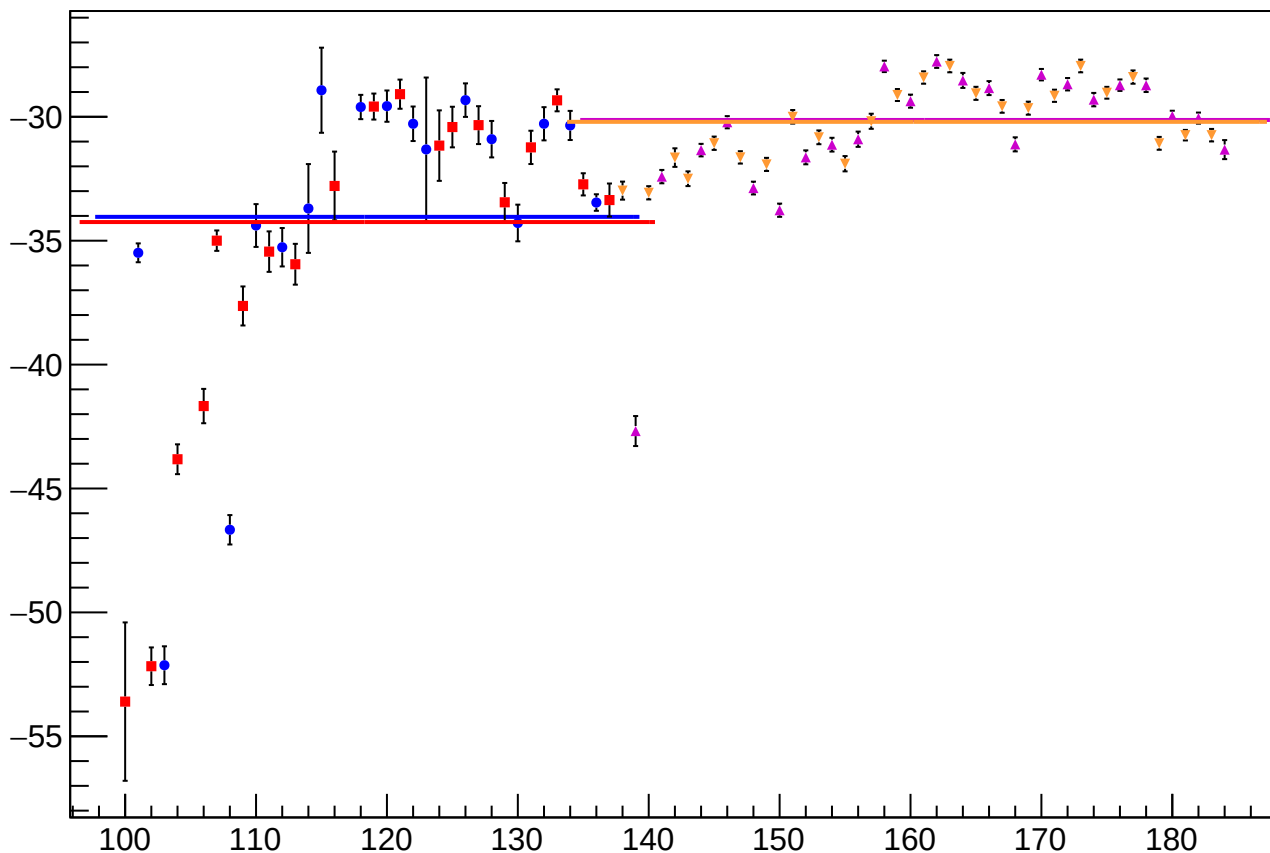
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -11.685+/-0.067 χ^2/NDF :952.8/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.352+/-0.068 χ^2/NDF :1280.6/22

Left: -11.519+/-0.048 χ^2/NDF : 2245.7/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.352+/-0.068 χ^2/NDF :1280.6/22
 Out: -11.685+/-0.067 χ^2/NDF :952.8/23

All: -11.519+/-0.048 χ^2/NDF : 2245.7/46

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 $\chi^2/\text{NDF}: 1342.9/16$

Left Out: -30.203 ± 0.054 $\chi^2/\text{NDF}: 732.5/23$

Right Out: -34.248 ± 0.151 $\chi^2/\text{NDF}: 1357.5/18$

Left In: -30.128 ± 0.055 $\chi^2/\text{NDF}: 1290.4/22$

Left: -30.166 ± 0.039 $\chi^2/\text{NDF}: 2023.9/46$

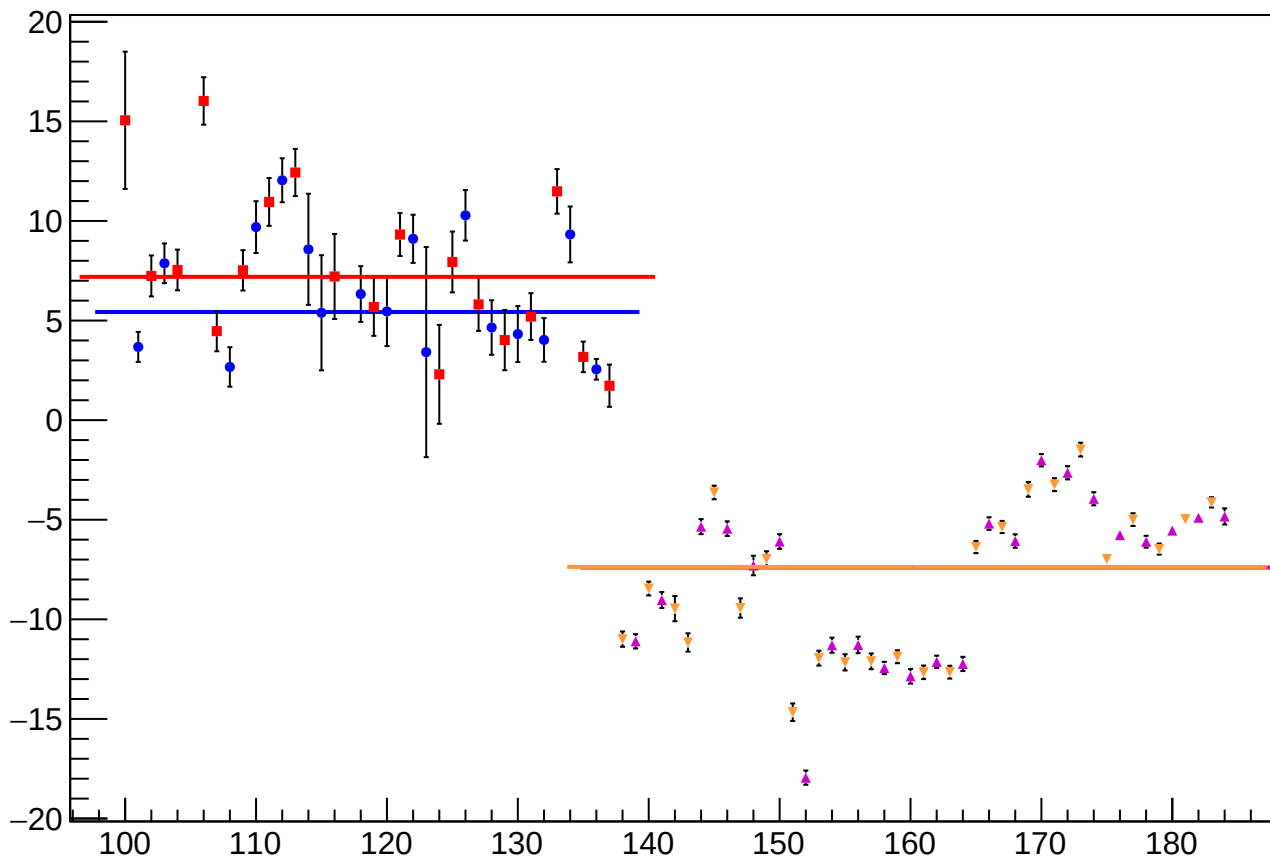
Right: -34.143 ± 0.107 $\chi^2/\text{NDF}: 2701.4/35$

In: -30.592 ± 0.052 $\chi^2/\text{NDF}: 3225.3/39$

Out: -30.669 ± 0.051 $\chi^2/\text{NDF}: 2727.9/42$

All: -30.631 ± 0.036 $\chi^2/\text{NDF}: 5954.3/82$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -7.369 ± 0.068 χ^2/NDF : 2704.2/23

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -7.400 ± 0.068 χ^2/NDF : 3134.9/22

Left: -7.384 ± 0.048 χ^2/NDF : 5839.2/46

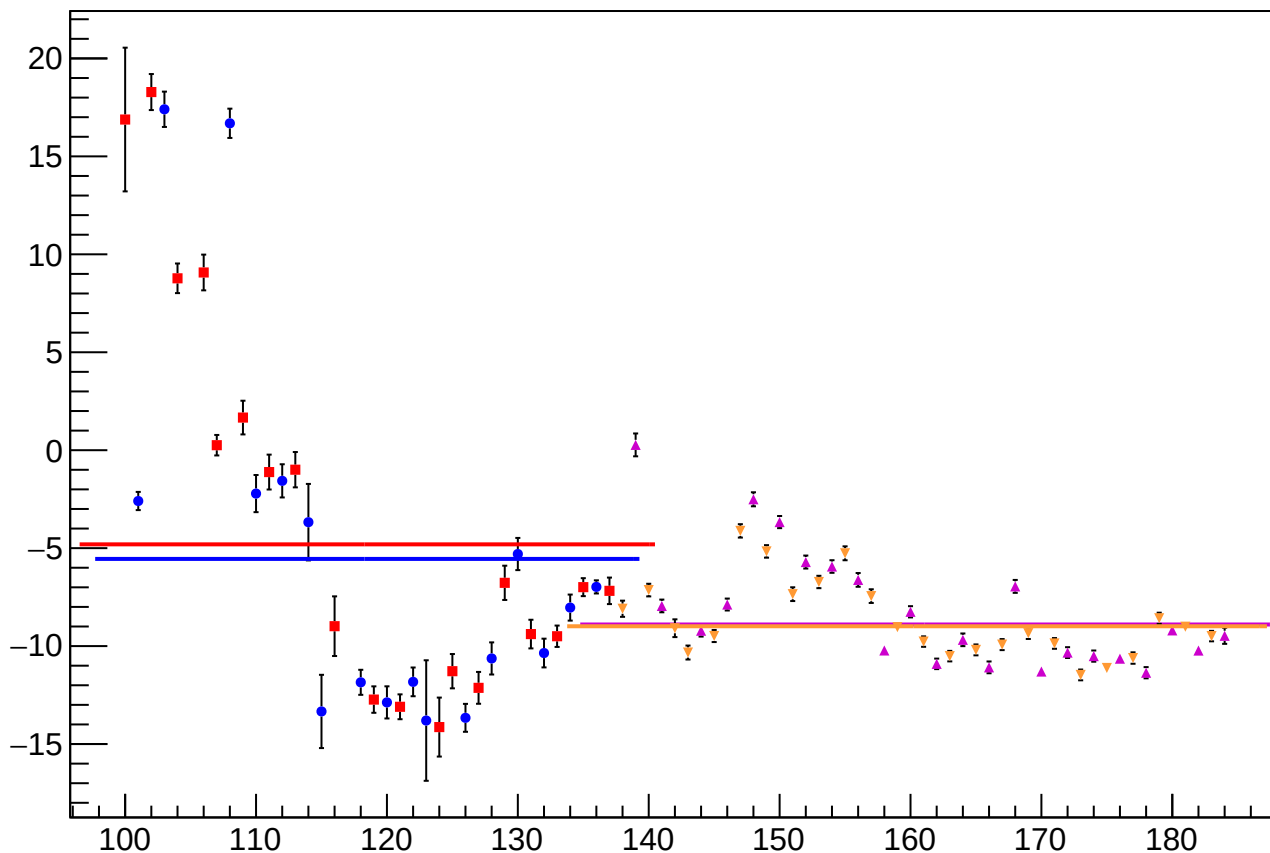
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -6.643 ± 0.066 χ^2/NDF : 5393.8/39

Out: -6.536 ± 0.066 χ^2/NDF : 5549.5/42

All: -6.590 ± 0.046 χ^2/NDF : 10944.6/82

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.988 ± 0.061 χ^2/NDF : 874.0/23

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -8.898 ± 0.061 χ^2/NDF : 1584.0/22

Left: -8.943 ± 0.043 χ^2/NDF : 2459.1/46

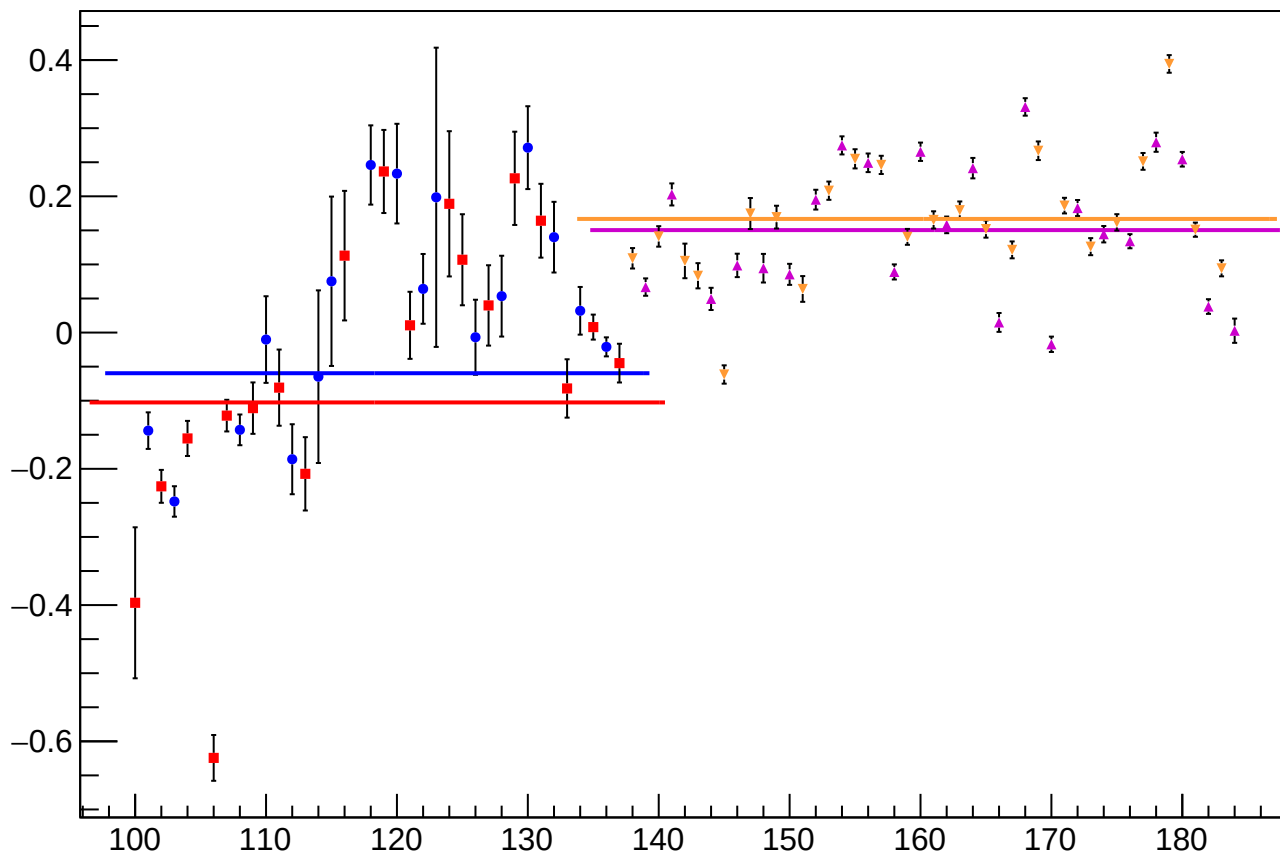
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -8.511 ± 0.058 χ^2/NDF : 4053.1/39

Out: -8.528 ± 0.057 χ^2/NDF : 3444.2/42

All: -8.519 ± 0.041 χ^2/NDF : 7497.4/82

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.167 ± 0.003 χ^2/NDF : 930.6/23

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

Left: 0.159 ± 0.002 χ^2/NDF : 2244.8/46

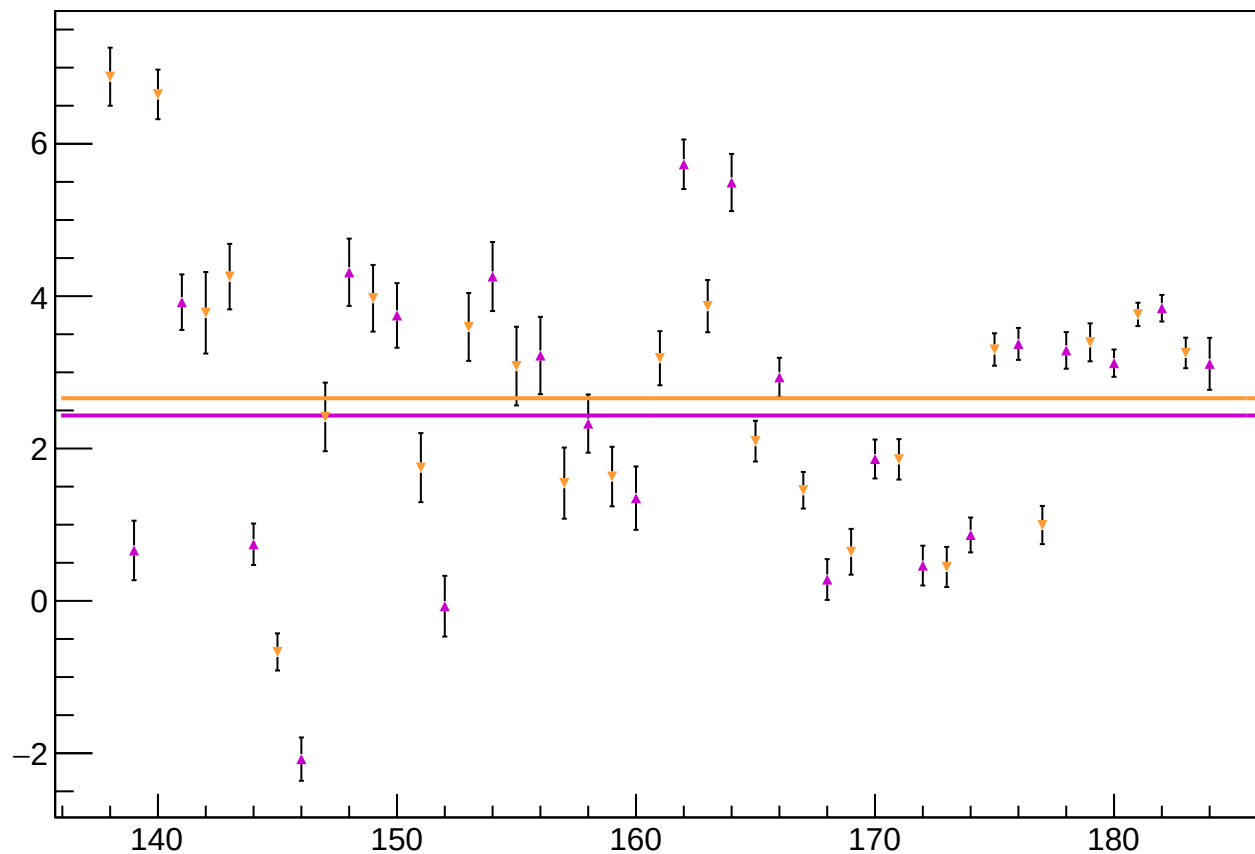
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.130 ± 0.003 χ^2/NDF : 2078.6/39

Out: 0.141 ± 0.003 χ^2/NDF : 2290.4/42

All: 0.135 ± 0.002 χ^2/NDF : 4377.3/82

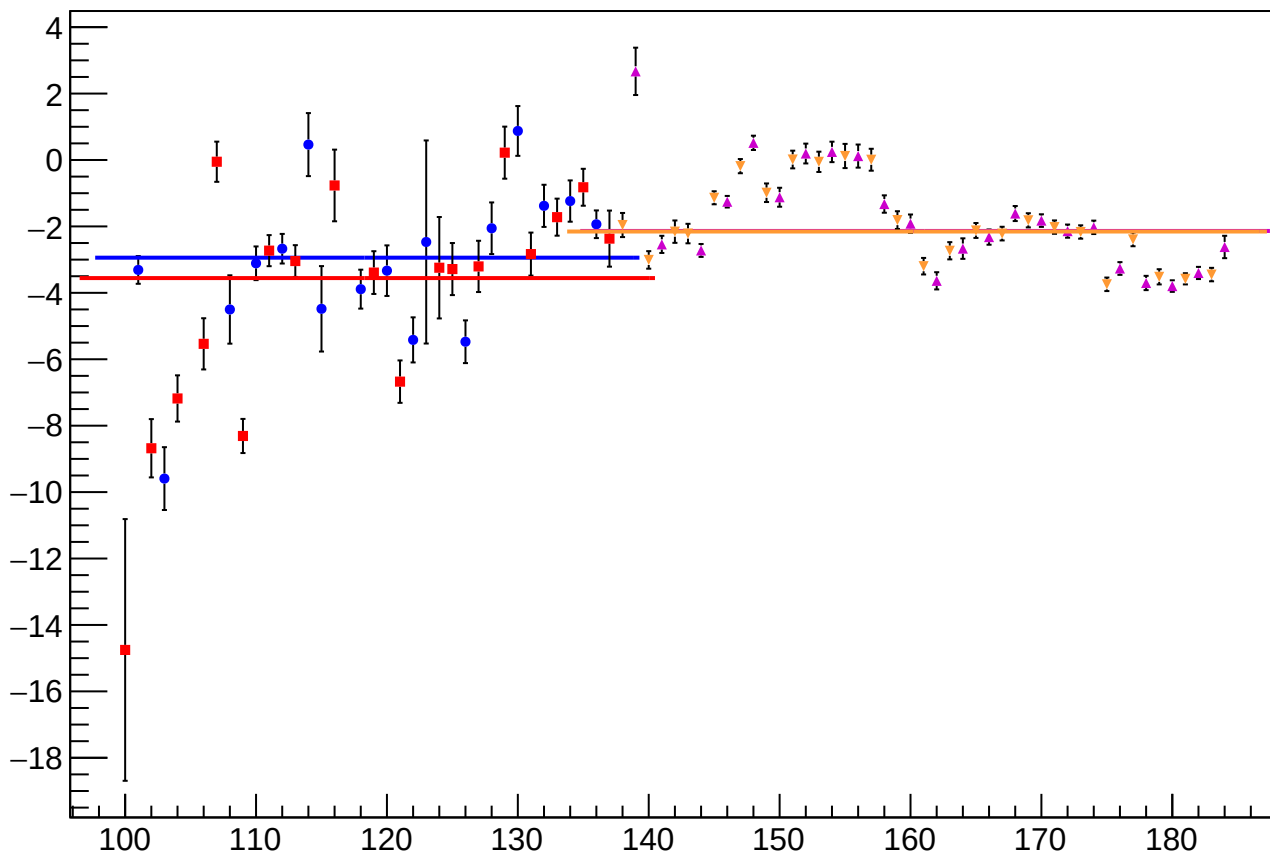
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.660 $\pm$ 0.059 χ^2 /NDF:800.4/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.433 $\pm$ 0.059 χ^2 /NDF:882.9/22

Left: 2.547 $\pm$ 0.042 χ^2 /NDF: 1690.7/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.433 $\pm$ 0.059 χ^2 /NDF:882.9/22
 Out: 2.660 $\pm$ 0.059 χ^2 /NDF:800.4/23
 All: 2.547 $\pm$ 0.042 χ^2 /NDF: 1690.7/46

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -2.154 ± 0.048 χ^2/NDF : 572.4/23

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -2.137 ± 0.048 χ^2/NDF : 693.6/22

Left: -2.145 ± 0.034 χ^2/NDF : 1266.0/46

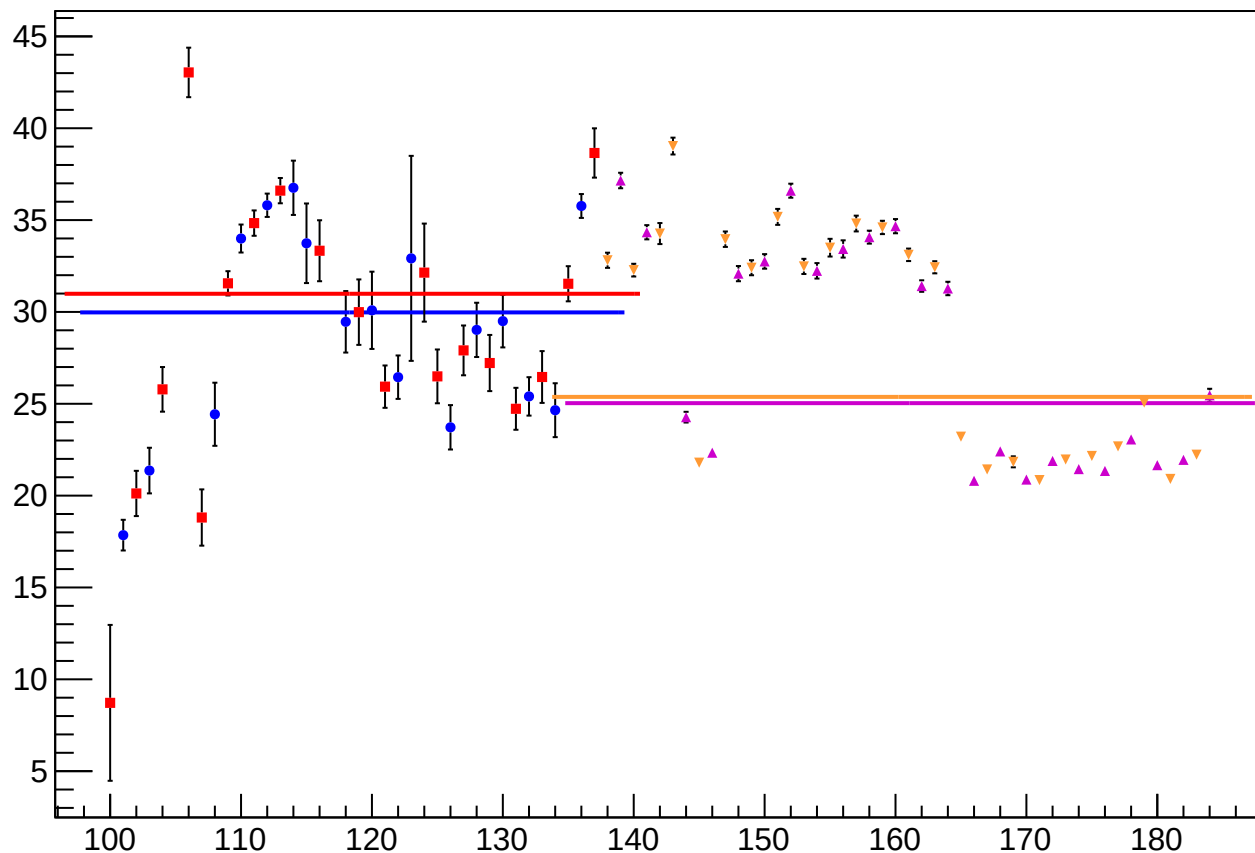
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.208 ± 0.046 χ^2/NDF : 863.9/39

Out: -2.278 ± 0.046 χ^2/NDF : 939.0/42

All: -2.243 ± 0.033 χ^2/NDF : 1804.1/82

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 25.375 $\pm$ 0.060 χ^2 /NDF: 8207.2/23

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 25.034 $\pm$ 0.059 χ^2 /NDF: 7690.0/22

Left: 25.204 $\pm$ 0.042 χ^2 /NDF: 15913.6/46

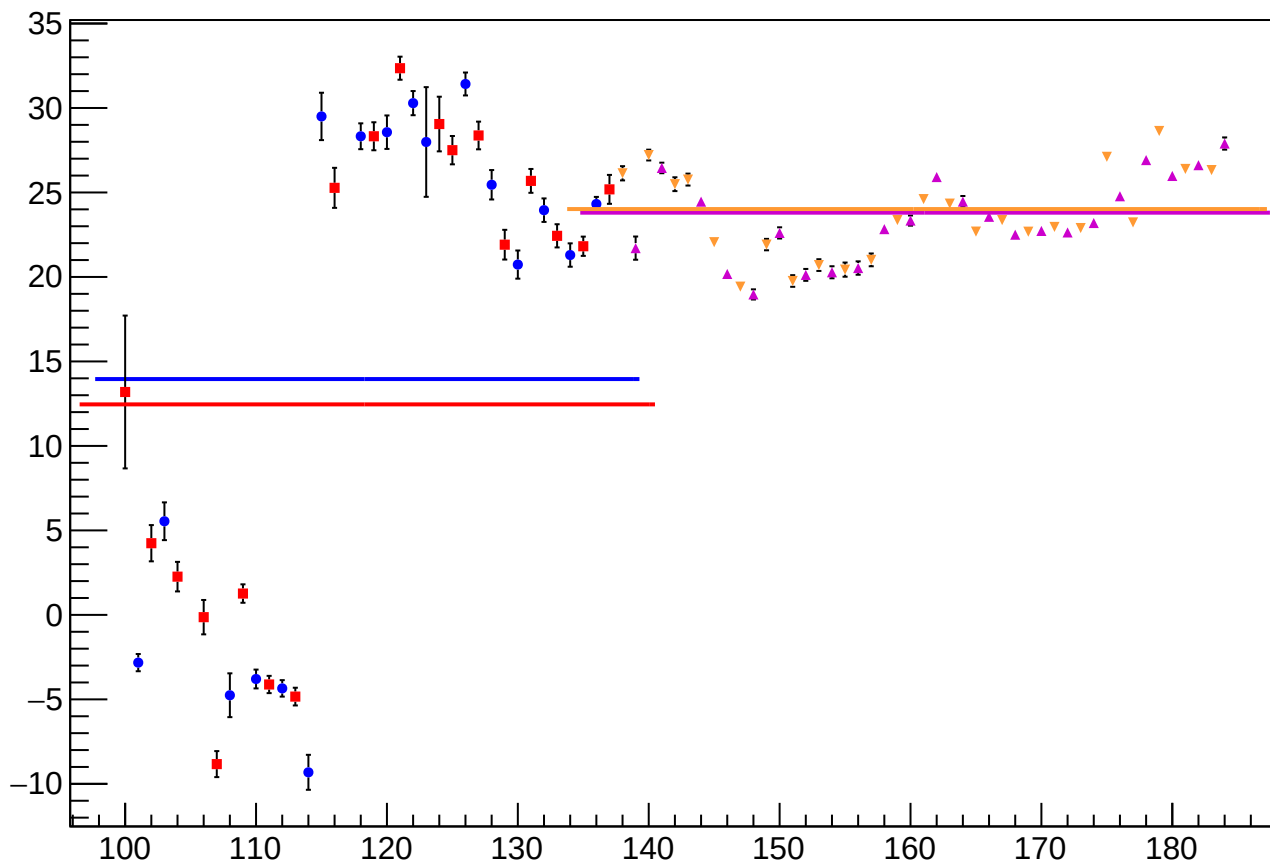
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 25.266 $\pm$ 0.058 χ^2 /NDF: 8569.6/39

Out: 25.656 $\pm$ 0.058 χ^2 /NDF: 9131.3/42

All: 25.460 $\pm$ 0.041 χ^2 /NDF: 17723.4/82

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 24.018 $\pm$ 0.054 χ^2 /NDF:1880.6/23

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

Left: 23.911 $\pm$ 0.038 χ^2 /NDF: 3648.9/46

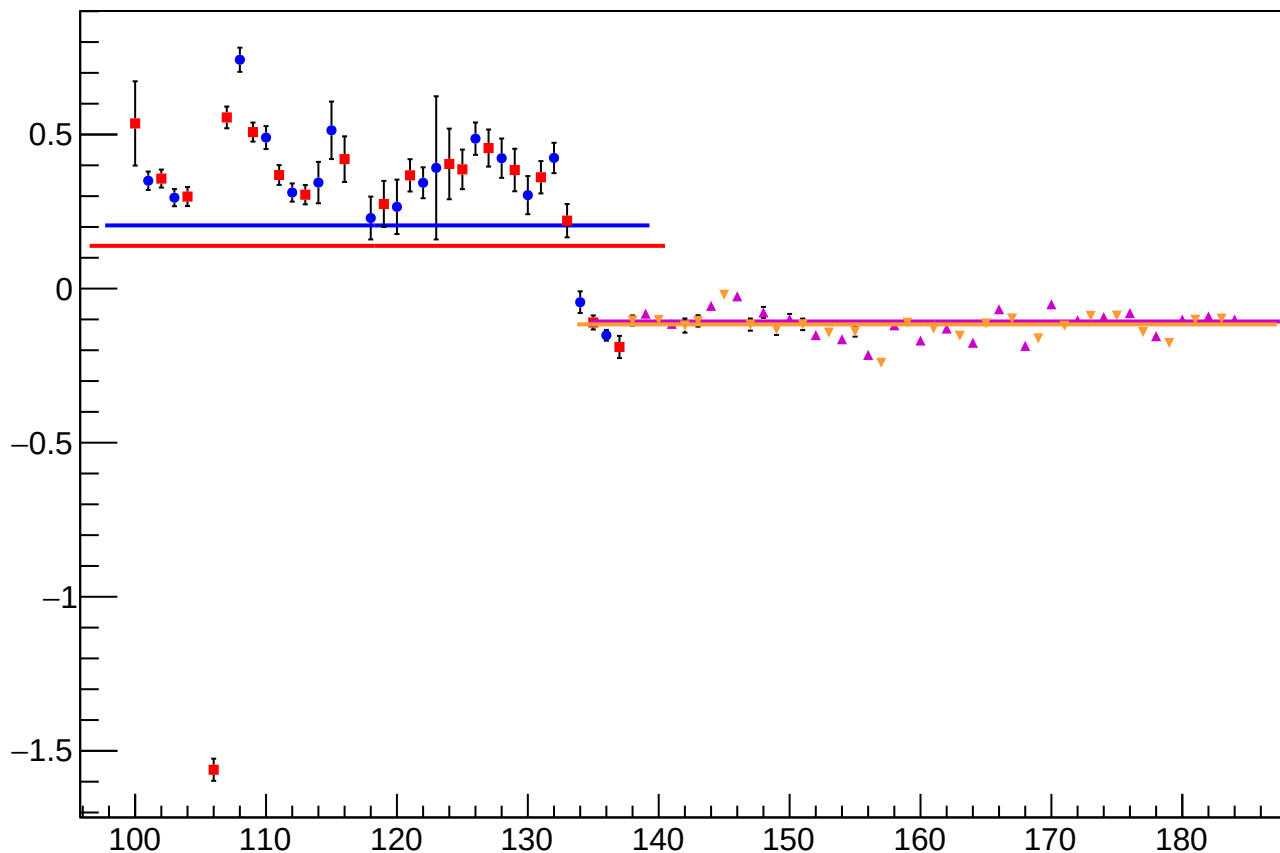
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 22.927 $\pm$ 0.051 χ^2 /NDF:12084.2/39

Out: 23.004 $\pm$ 0.051 χ^2 /NDF:12905.3/42

All: 22.965 $\pm$ 0.036 χ^2 /NDF: 24990.6/82

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.116 ± 0.002 χ^2/NDF : 258.6/23

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.4/18

Left In: -0.107 ± 0.002 χ^2/NDF : 322.0/22

Left: -0.111 ± 0.002 χ^2/NDF : 588.1/46

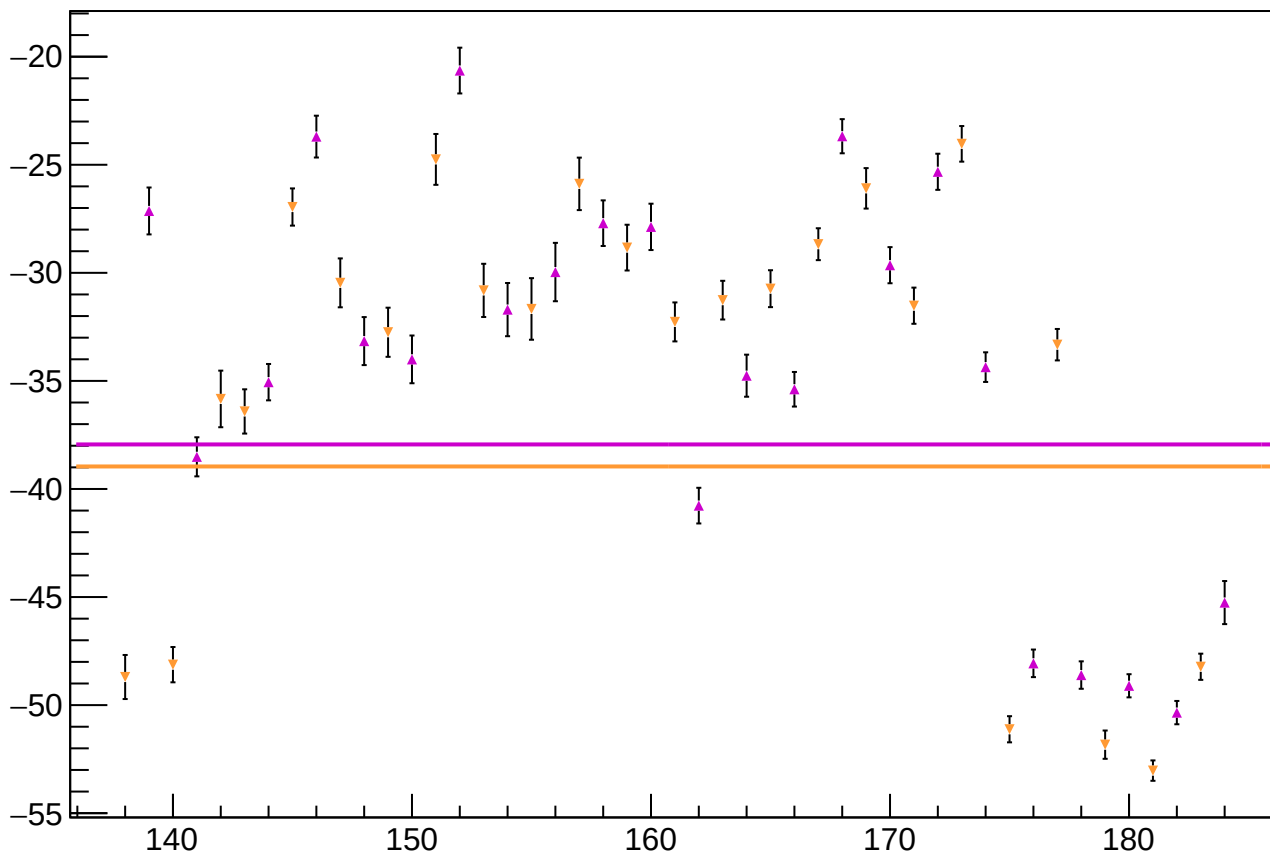
Right: 0.171 ± 0.007 χ^2/NDF : 3888.5/35

In: -0.087 ± 0.002 χ^2/NDF : 2203.9/39

Out: -0.099 ± 0.002 χ^2/NDF : 3991.8/42

All: -0.093 ± 0.002 χ^2/NDF : 6209.2/82

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.959+/-0.171 χ^2/NDF :3921.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.939+/-0.173 χ^2/NDF :3133.2/22

Left: -38.454+/-0.121 χ^2/NDF : 7072.4/46

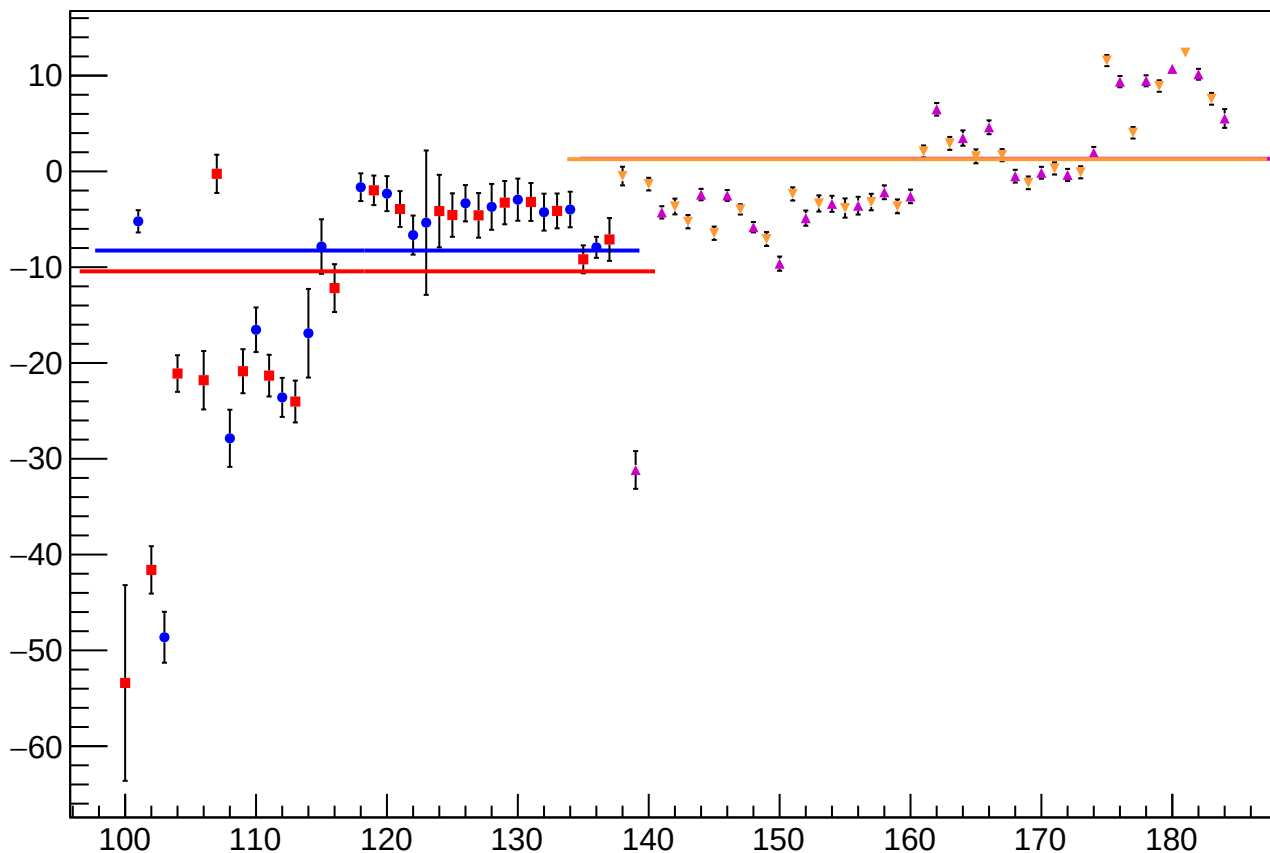
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.939+/-0.173 χ^2/NDF :3133.2/22

Out: -38.959+/-0.171 χ^2/NDF :3921.5/23

All: -38.454+/-0.121 χ^2/NDF : 7072.4/46

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: 1.275 ± 0.137 $\chi^2/\text{NDF}: 1737.1/23$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: 1.319 ± 0.139 $\chi^2/\text{NDF}: 2080.7/22$

Left: 1.296 ± 0.098 $\chi^2/\text{NDF}: 3817.8/46$

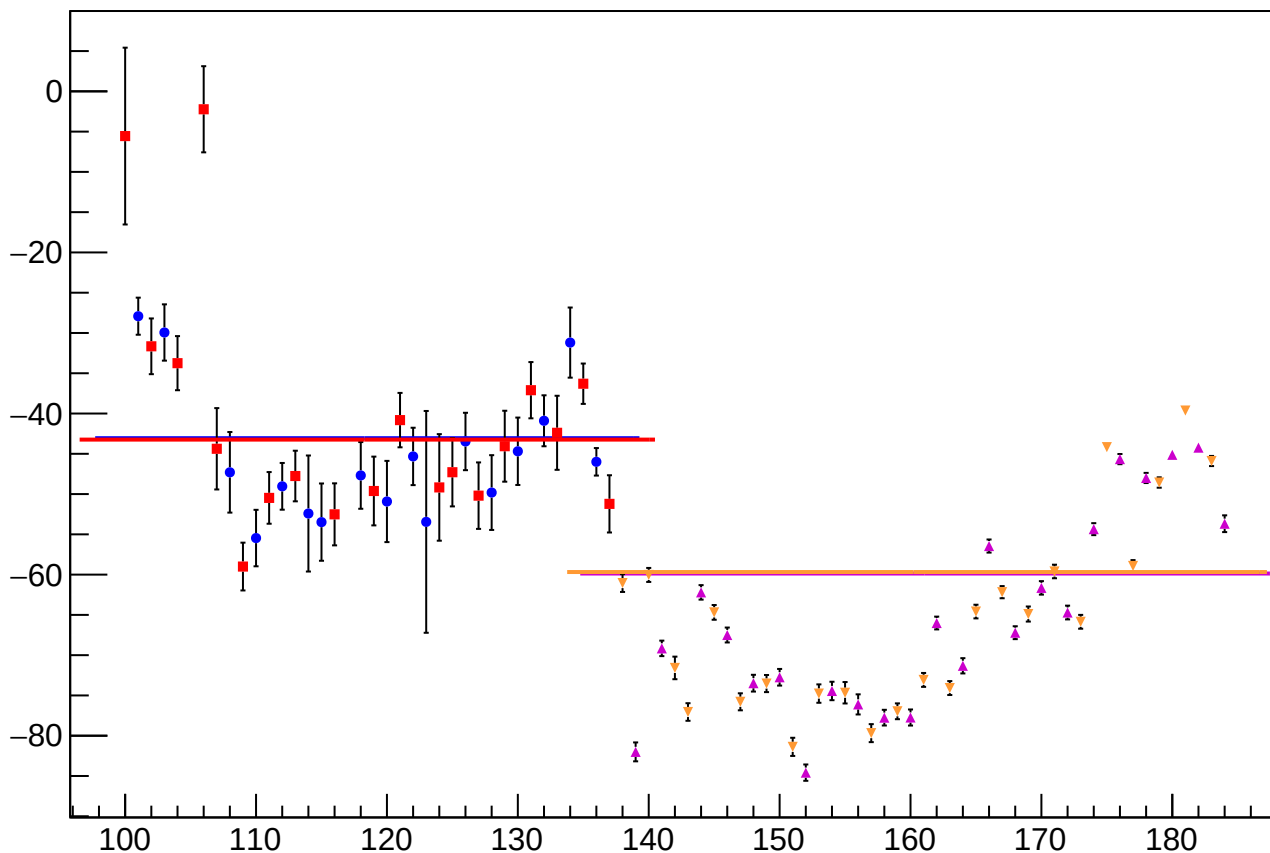
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: 0.521 ± 0.134 $\chi^2/\text{NDF}: 2885.6/39$

Out: 0.426 ± 0.132 $\chi^2/\text{NDF}: 2694.0/42$

All: 0.473 ± 0.094 $\chi^2/\text{NDF}: 5579.9/82$

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: -59.678 ± 0.172 $\chi^2/\text{NDF}: 5816.9/23$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -59.864 ± 0.173 $\chi^2/\text{NDF}: 5275.1/22$

Left: -59.771 ± 0.122 $\chi^2/\text{NDF}: 11092.5/46$

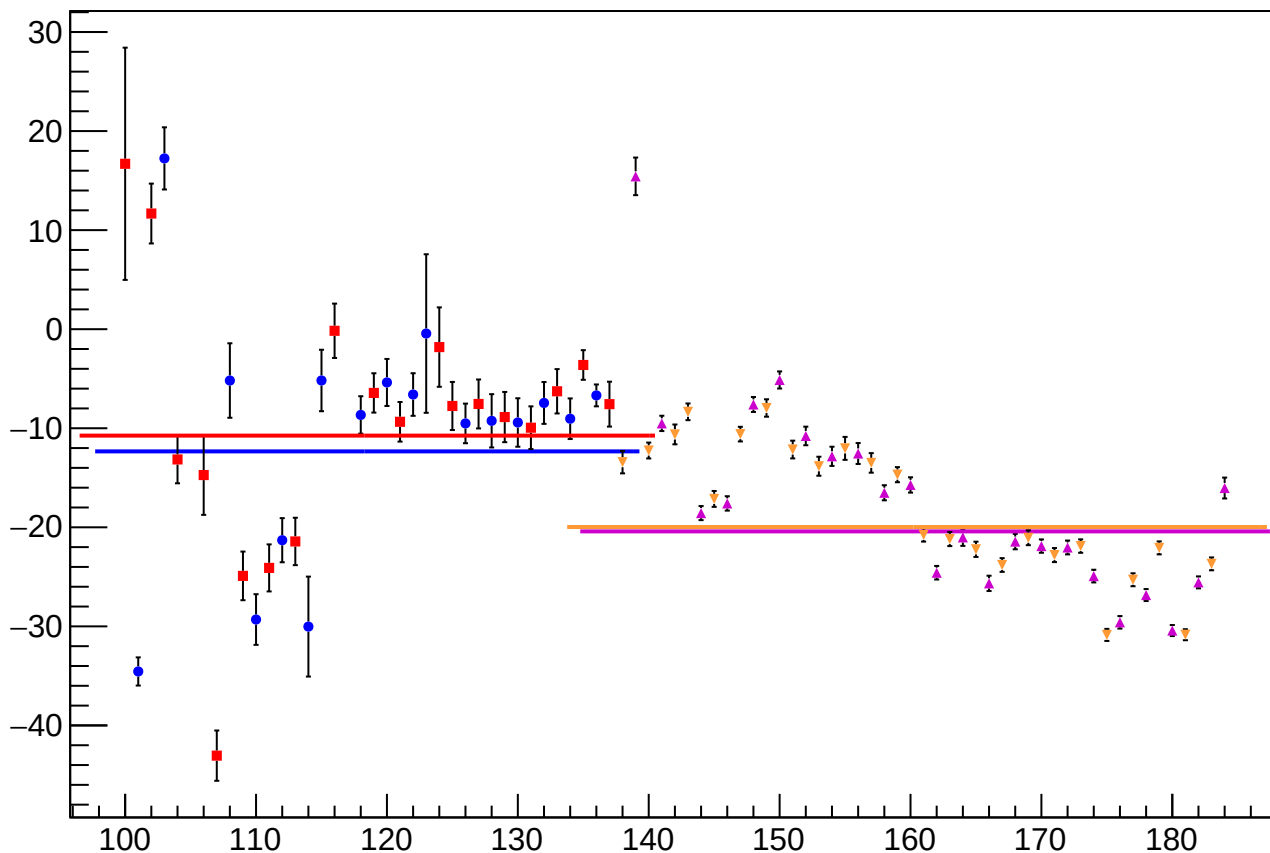
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -59.176 ± 0.169 $\chi^2/\text{NDF}: 5762.0/39$

Out: -59.055 ± 0.168 $\chi^2/\text{NDF}: 6317.8/42$

All: -59.115 ± 0.119 $\chi^2/\text{NDF}: 12080.1/82$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -19.973 ± 0.154 χ^2/NDF : 1899.5/23

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -20.412 ± 0.156 χ^2/NDF : 2345.4/22

Left: -20.190 ± 0.110 χ^2/NDF : 4248.9/46

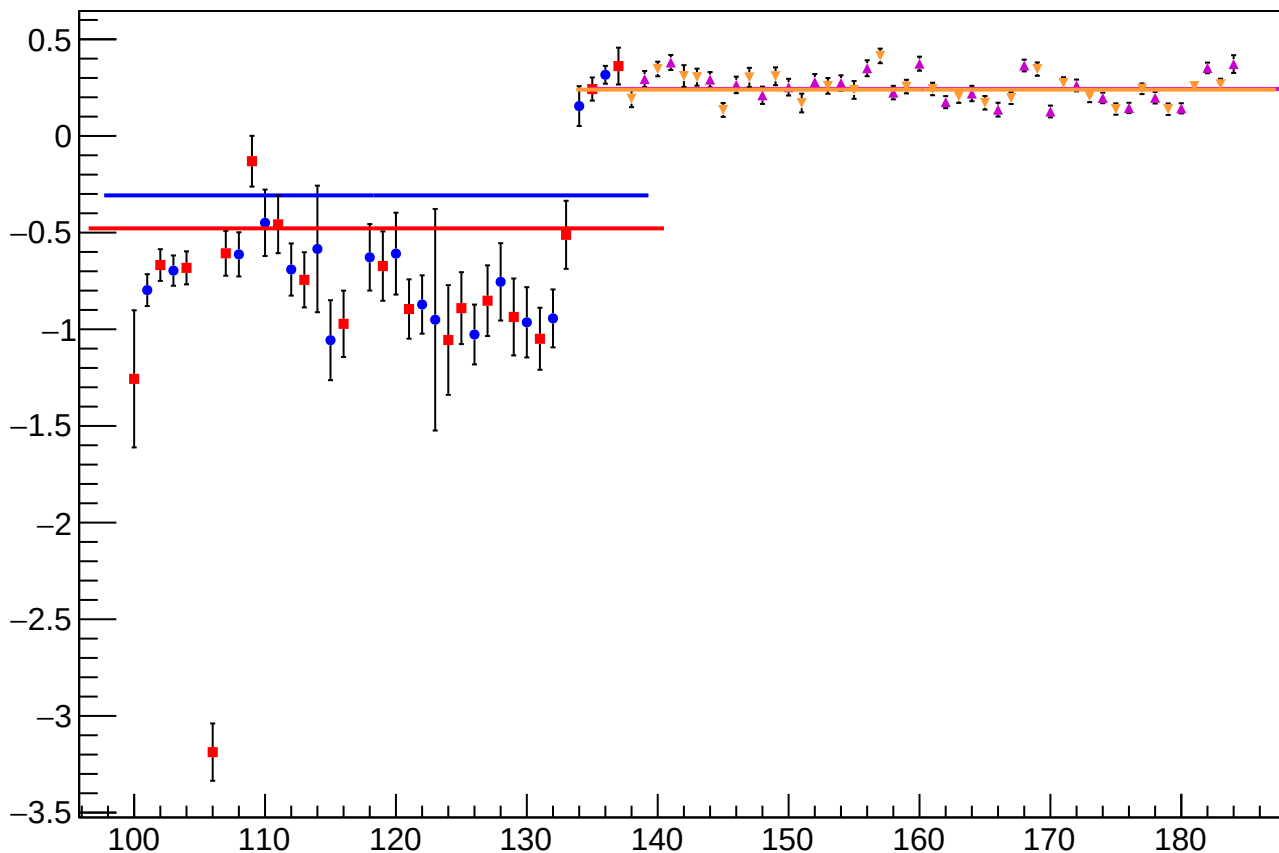
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -19.745 ± 0.150 χ^2/NDF : 3041.5/39

Out: -19.307 ± 0.149 χ^2/NDF : 2524.8/42

All: -19.524 ± 0.105 χ^2/NDF : 5570.6/82

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: 0.240 ± 0.007 χ^2/NDF : 92.6/23

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

Left: 0.241 ± 0.005 χ^2/NDF : 231.9/46

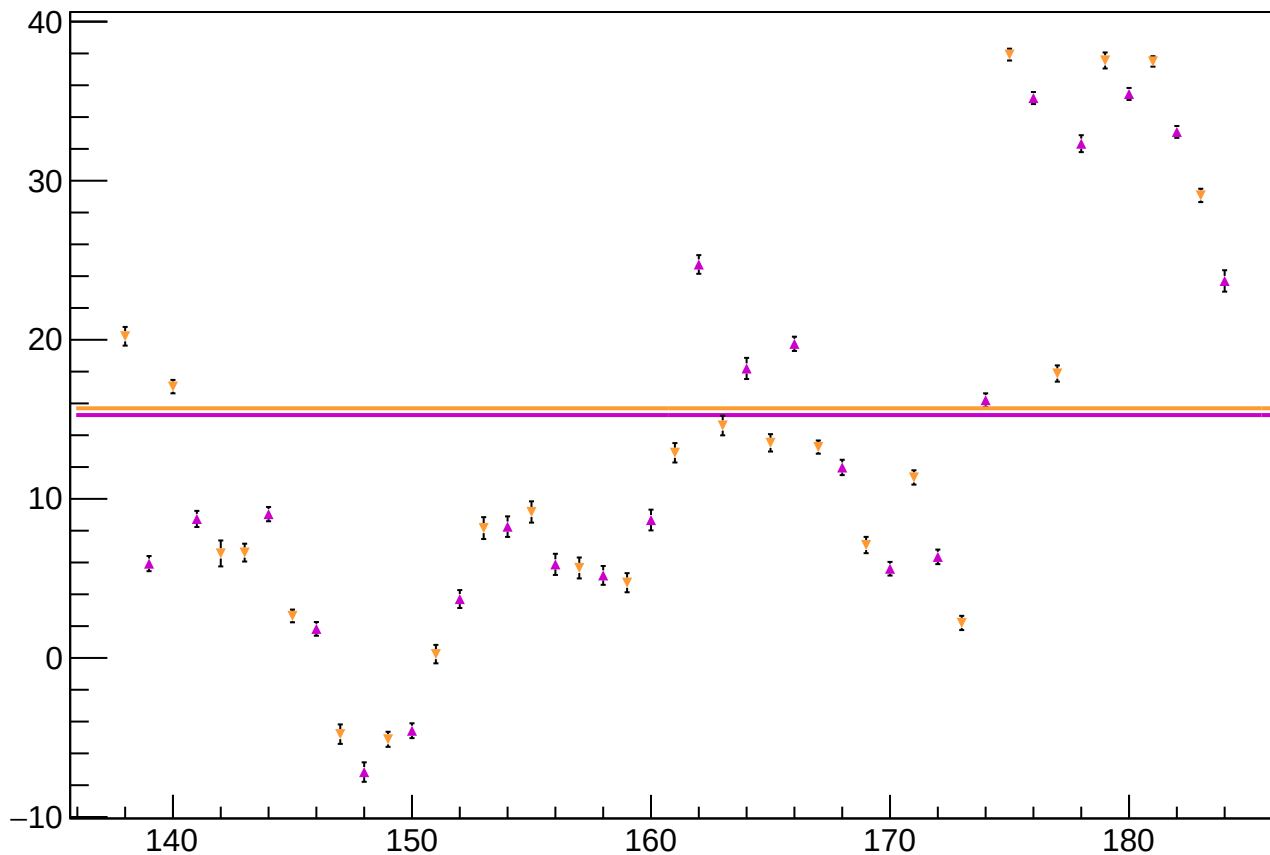
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.209 ± 0.007 χ^2/NDF : 886.4/39

Out: 0.197 ± 0.007 χ^2/NDF : 1319.6/42

All: 0.203 ± 0.005 χ^2/NDF : 2207.4/82

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 15.694 $\pm$ 0.102 χ^2 /NDF:18310.0/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 15.268 $\pm$ 0.102 χ^2 /NDF:16406.3/22

Left: 15.482 $\pm$ 0.072 χ^2 /NDF: 34725.0/46

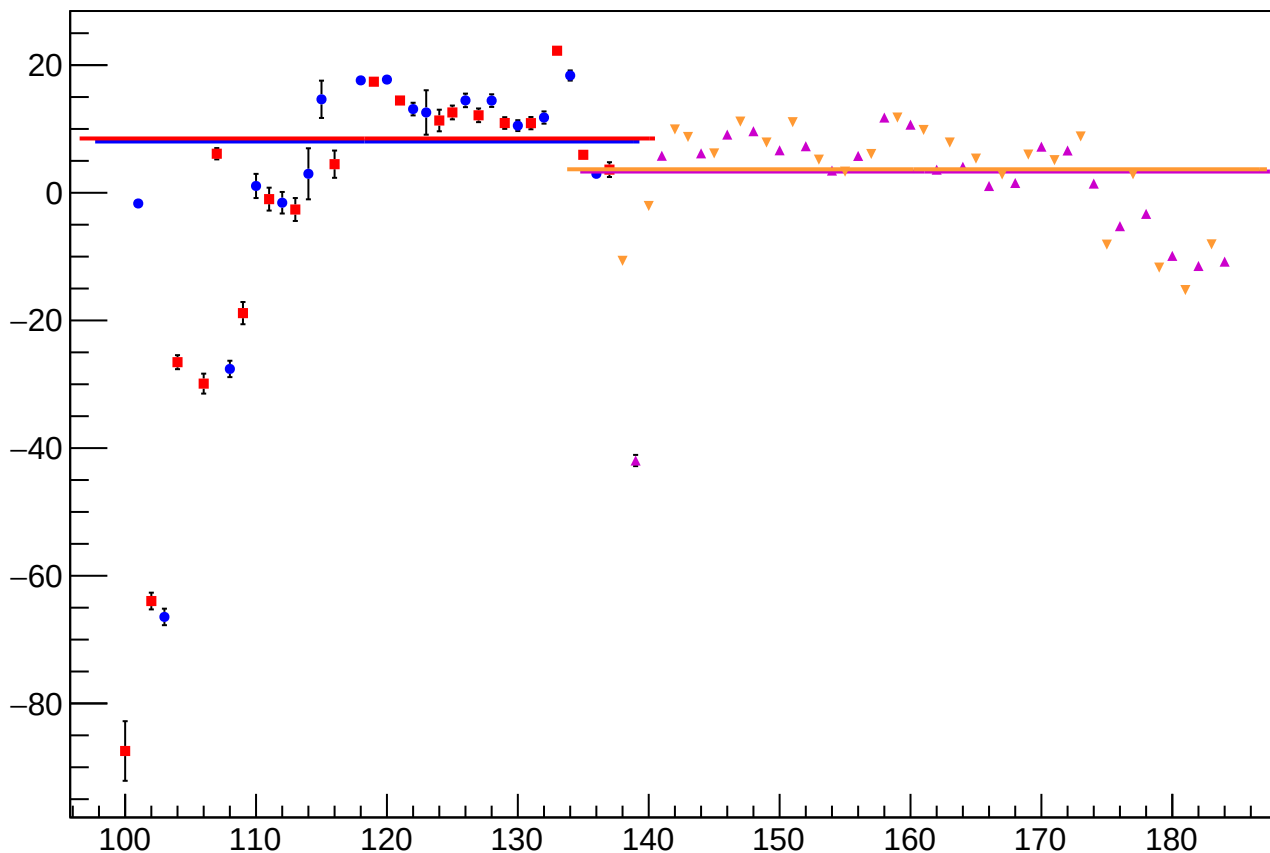
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 15.268 $\pm$ 0.102 χ^2 /NDF:16406.3/22

Out: 15.694 $\pm$ 0.102 χ^2 /NDF:18310.0/23

All: 15.482 $\pm$ 0.072 χ^2 /NDF: 34725.0/46

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 3.682 ± 0.079 $\chi^2/\text{NDF}: 9210.4/23$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

Left In: 3.327 ± 0.081 $\chi^2/\text{NDF}: 8830.5/22$

Left: 3.508 ± 0.057 $\chi^2/\text{NDF}: 18050.8/46$

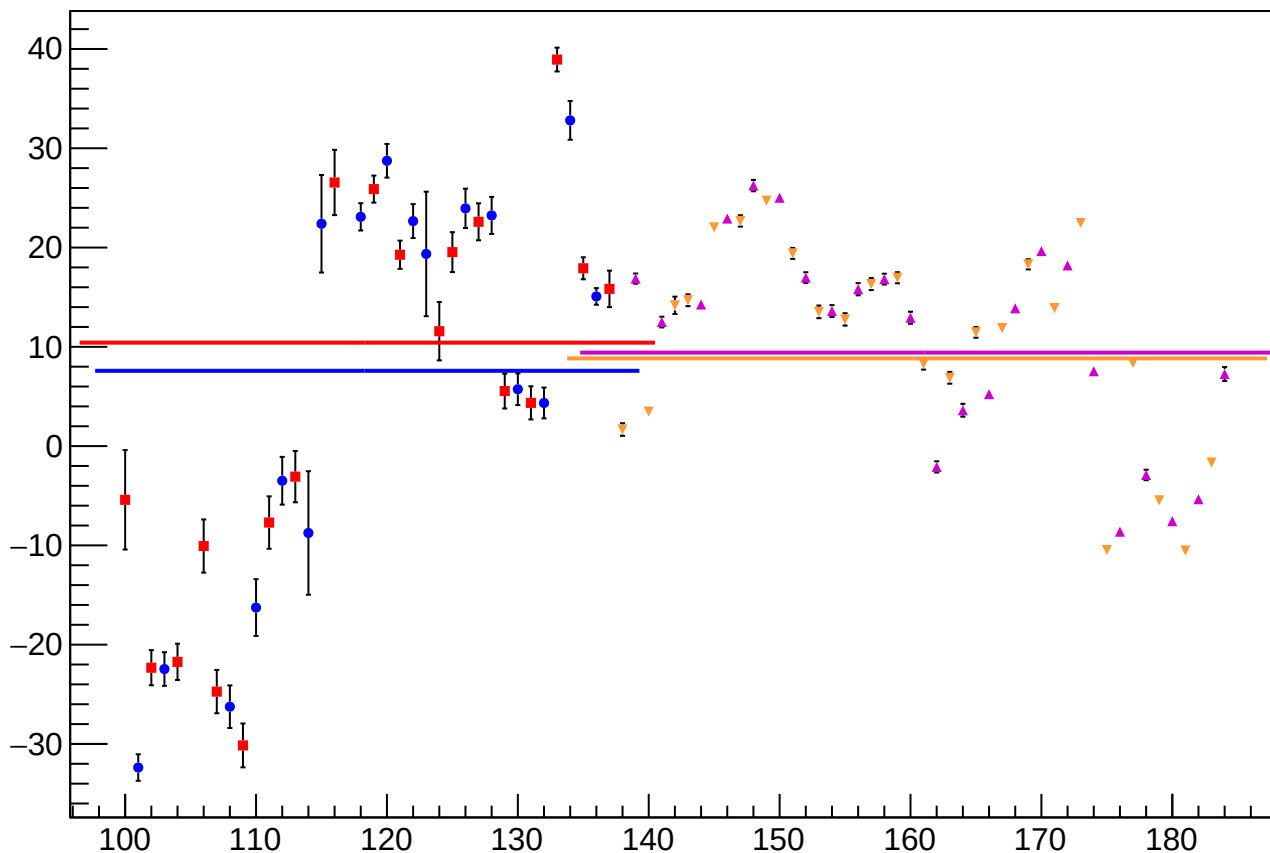
Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

In: 3.910 ± 0.076 $\chi^2/\text{NDF}: 14619.6/39$

Out: 4.271 ± 0.074 $\chi^2/\text{NDF}: 16374.7/42$

All: 4.094 ± 0.053 $\chi^2/\text{NDF}: 31005.9/82$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 $\pm$ 0.416 χ^2 /NDF: 2322.7/16

Left Out: 8.834 $\pm$ 0.102 χ^2 /NDF:12790.4/23

Right Out: 10.422 $\pm$ 0.416 χ^2 /NDF: 2289.5/18

Left In: 9.420 $\pm$ 0.102 χ^2 /NDF:12078.1/22

Left: 9.127 $\pm$ 0.072 χ^2 /NDF: 24885.1/46

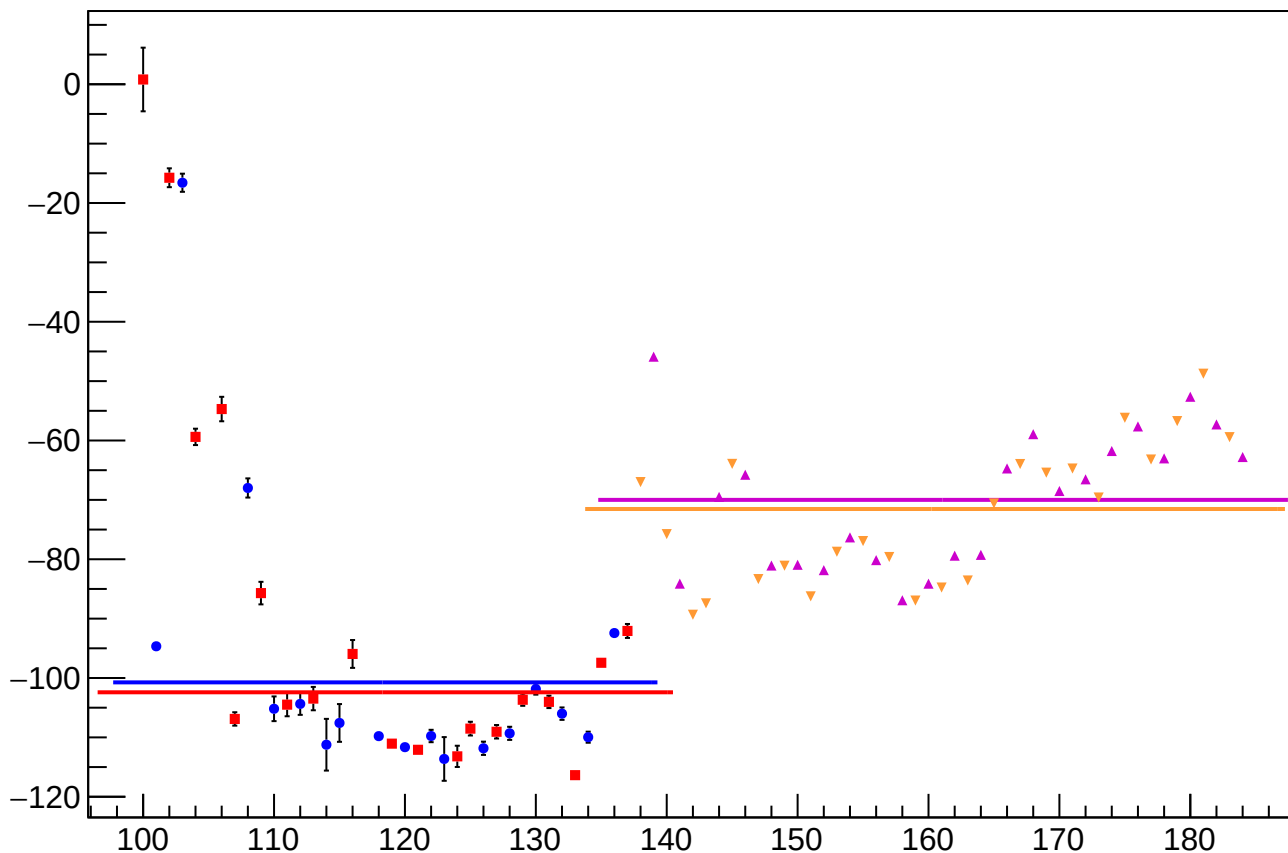
Right: 9.004 $\pm$ 0.294 χ^2 /NDF: 4635.5/35

In: 9.316 $\pm$ 0.099 χ^2 /NDF:14419.2/39

Out: 8.924 $\pm$ 0.099 χ^2 /NDF:15093.6/42

All: 9.120 $\pm$ 0.070 χ^2 /NDF: 29520.7/82

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -71.535 ± 0.090 χ^2/NDF : 16377.3/23

Right Out: -102.408 ± 0.246 χ^2/NDF : 6088.0/18

Left In: -69.999 ± 0.091 χ^2/NDF : 13188.0/22

Left: -70.778 ± 0.064 χ^2/NDF : 29708.6/46

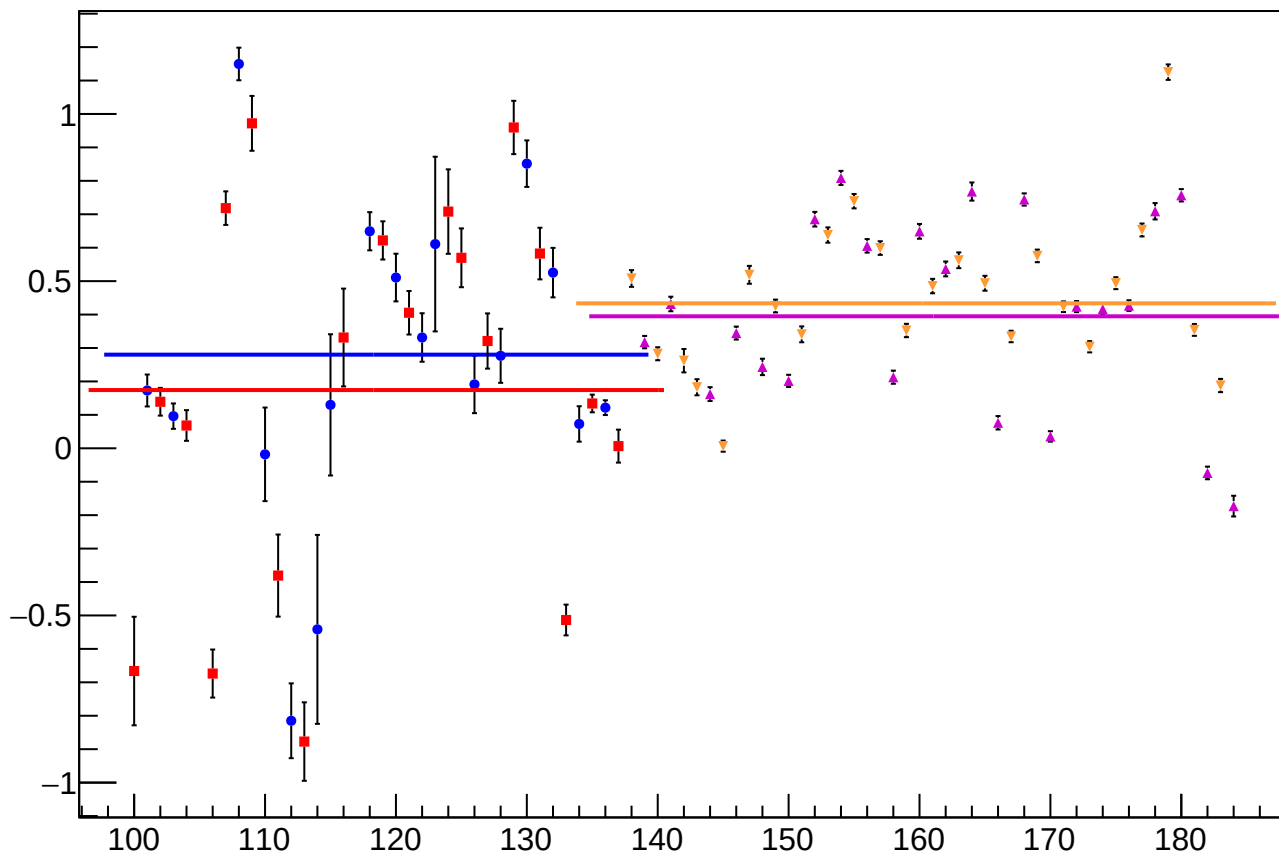
Right: -101.580 ± 0.175 χ^2/NDF : 10631.4/35

In: -73.667 ± 0.086 χ^2/NDF : 31203.1/39

Out: -75.187 ± 0.085 χ^2/NDF : 36368.5/42

All: -74.438 ± 0.060 χ^2/NDF : 67730.9/82

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.4/16

Left Out: 0.434 $\pm$ 0.004 χ^2 /NDF:2645.5/23

Right Out: 0.174 $\pm$ 0.013 χ^2 /NDF: 964.1/18

Left In: 0.395 $\pm$ 0.004 χ^2 /NDF:4063.1/22

Left: 0.414 $\pm$ 0.003 χ^2 /NDF: 6752.4/46

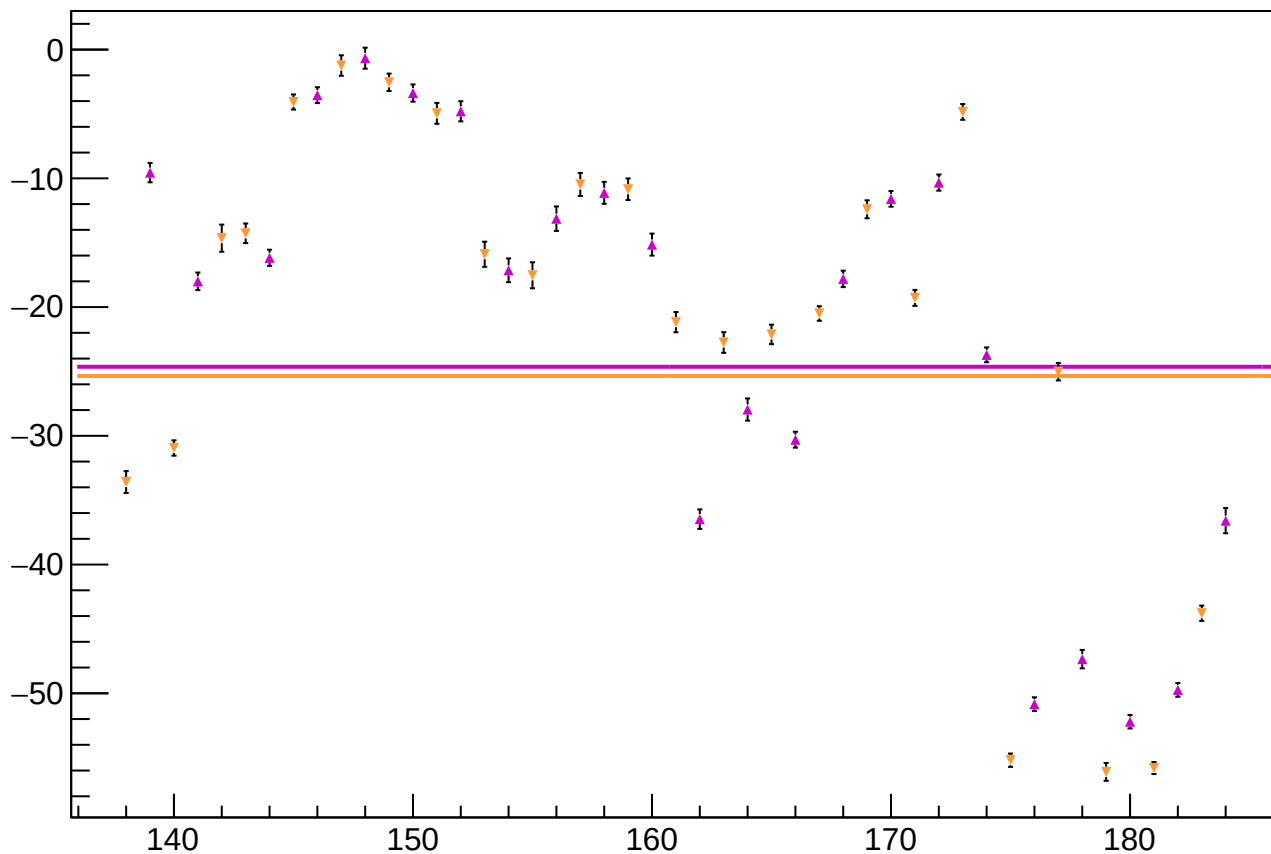
Right: 0.227 $\pm$ 0.010 χ^2 /NDF: 1651.4/35

In: 0.385 $\pm$ 0.004 χ^2 /NDF:4785.7/39

Out: 0.411 $\pm$ 0.004 χ^2 /NDF:3949.8/42

All: 0.398 $\pm$ 0.003 χ^2 /NDF: 8757.3/82

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.350+/-0.141 χ^2/NDF :17453.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.635+/-0.142 χ^2/NDF :14947.9/22

Left: -24.996+/-0.100 χ^2/NDF : 32413.9/46

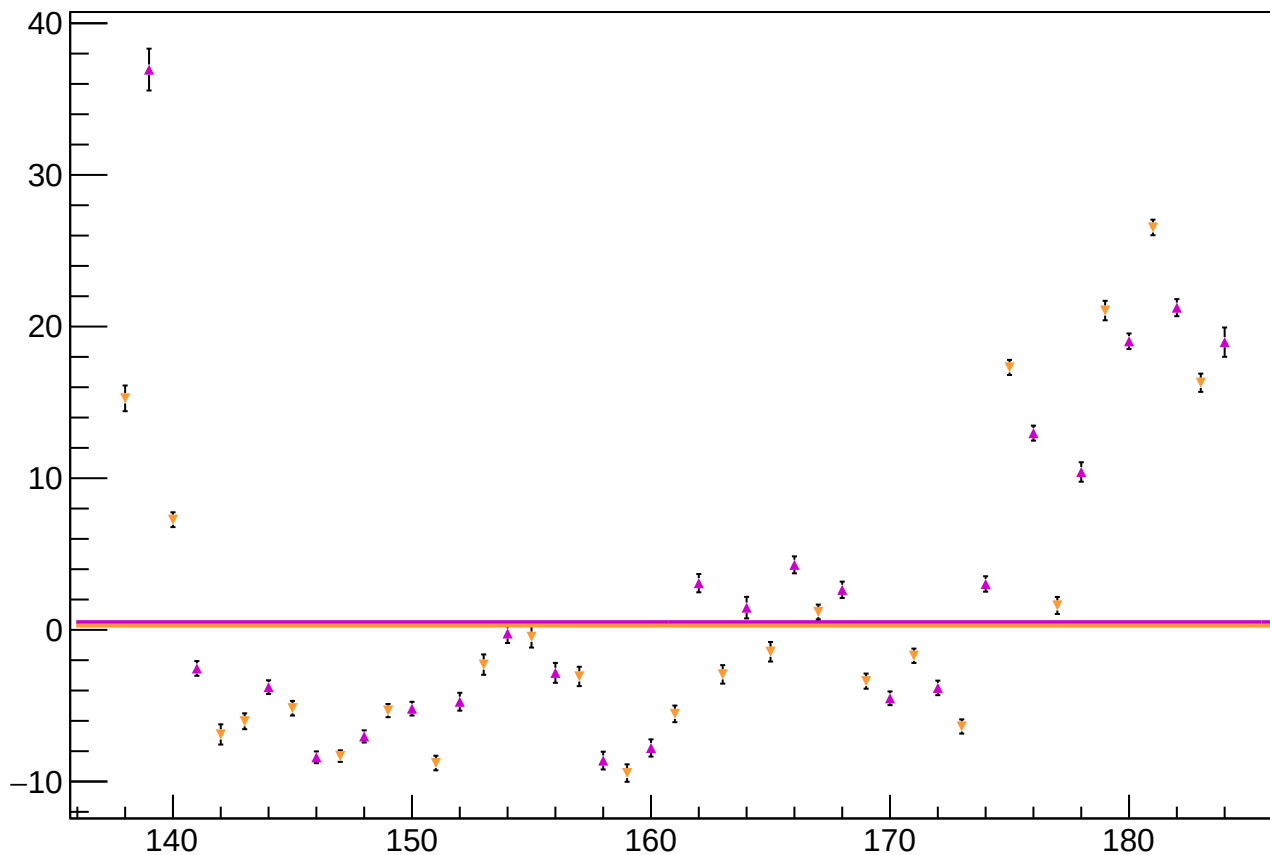
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.635+/-0.142 χ^2/NDF :14947.9/22

Out: -25.350+/-0.141 χ^2/NDF :17453.2/23

All: -24.996+/-0.100 χ^2/NDF : 32413.9/46

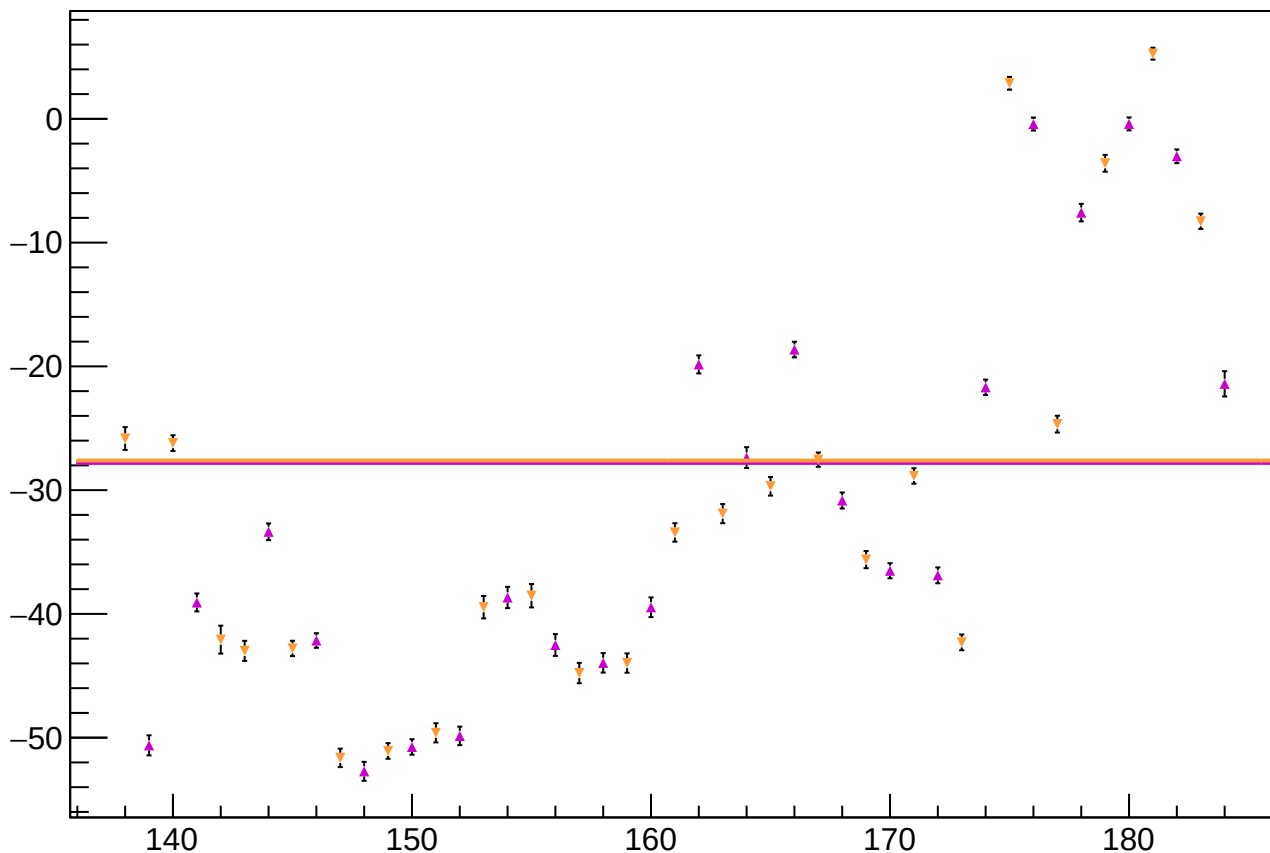
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.286+/-0.109 χ^2/NDF :8233.3/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.507+/-0.112 χ^2/NDF :6626.9/22

Left: 0.394+/-0.078 χ^2/NDF : 14862.2/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.507+/-0.112 χ^2/NDF :6626.9/22
 Out: 0.286+/-0.109 χ^2/NDF :8233.3/23
 All: 0.394+/-0.078 χ^2/NDF : 14862.2/46

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -27.609+/-0.141 χ^2/NDF :16616.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.796+/-0.142 χ^2/NDF :15193.3/22

Left: -27.702+/-0.100 χ^2/NDF : 31810.5/46

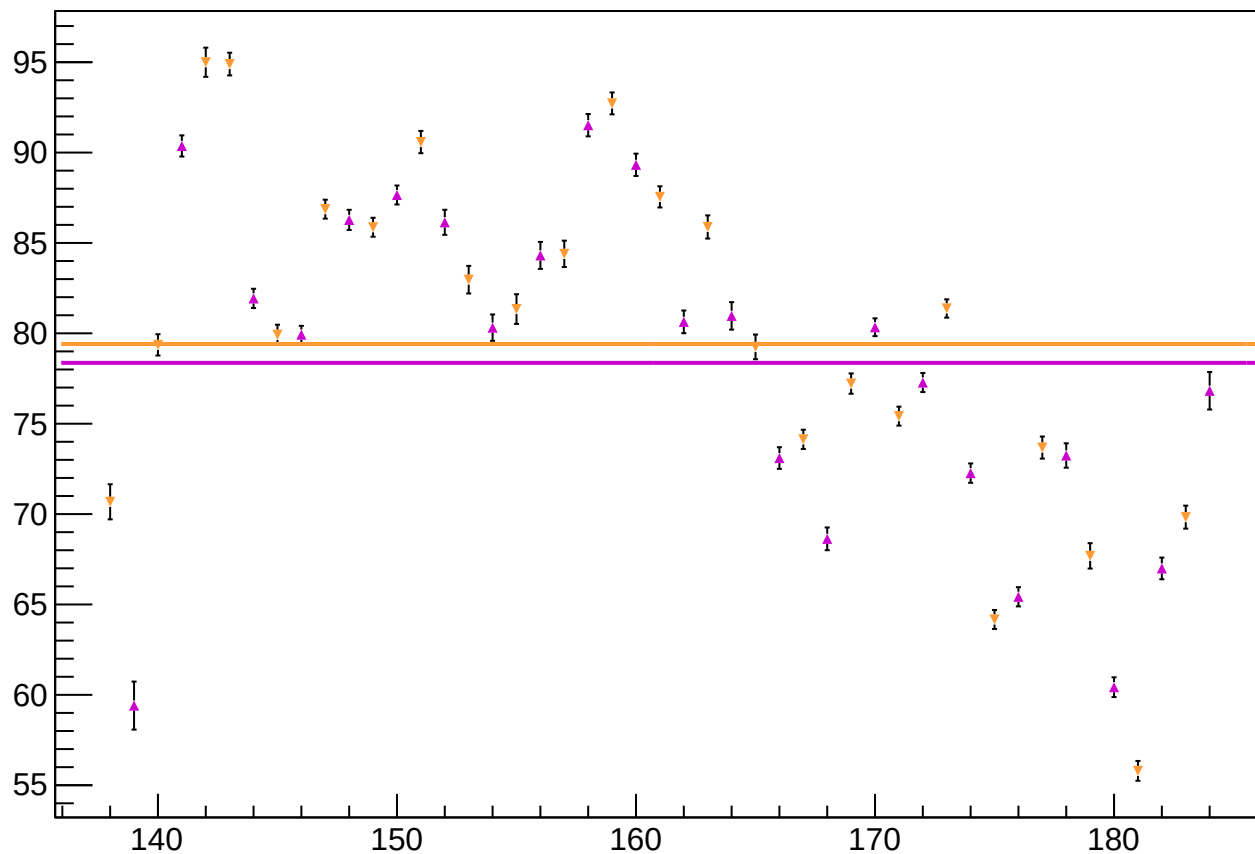
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.796+/-0.142 χ^2/NDF :15193.3/22

Out: -27.609+/-0.141 χ^2/NDF :16616.3/23

All: -27.702+/-0.100 χ^2/NDF : 31810.5/46

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: 79.411 $\pm$ 0.124 χ^2 /NDF:6074.4/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 78.367 $\pm$ 0.126 χ^2 /NDF:4735.5/22

Left: 78.898 $\pm$ 0.089 χ^2 /NDF: 10844.6/46

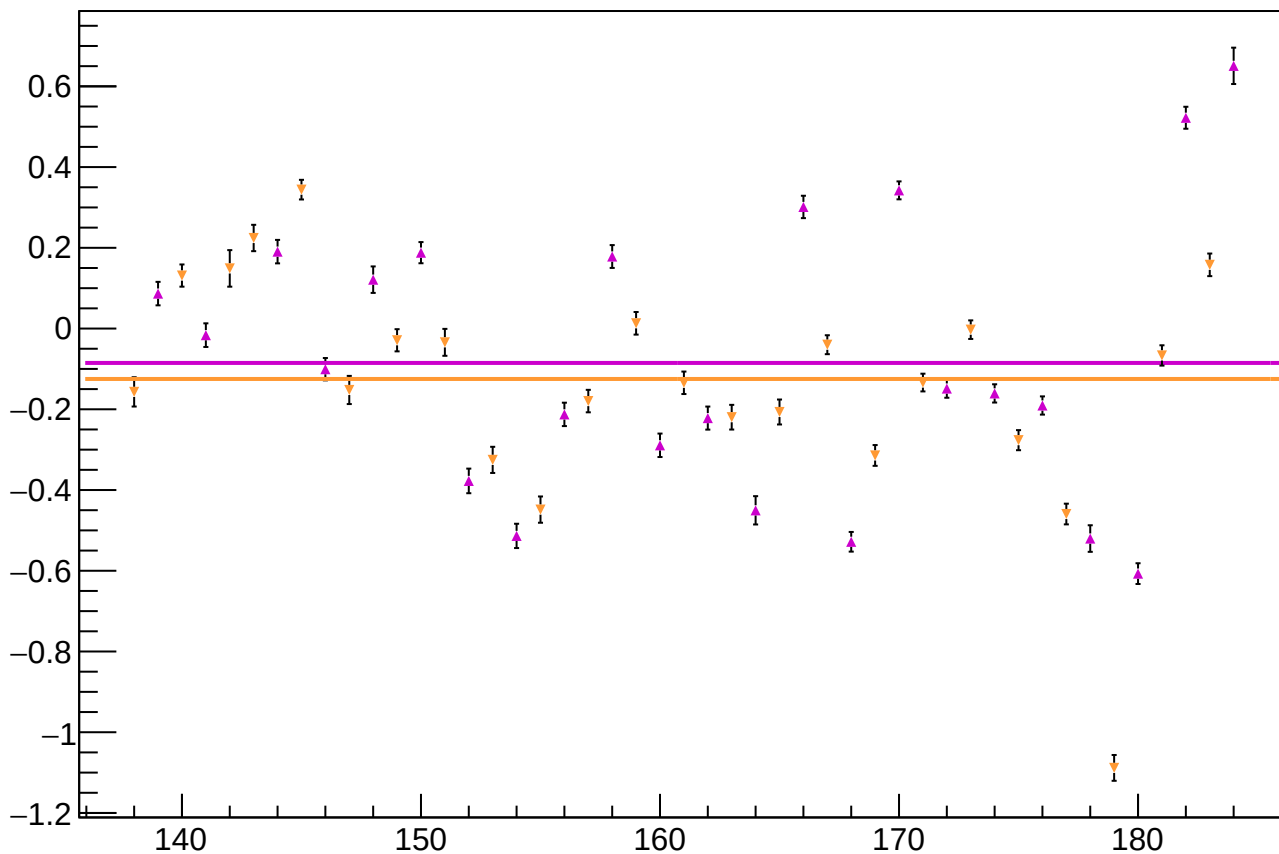
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 78.367 $\pm$ 0.126 χ^2 /NDF:4735.5/22

Out: 79.411 $\pm$ 0.124 χ^2 /NDF:6074.4/23

All: 78.898 $\pm$ 0.089 χ^2 /NDF: 10844.6/46

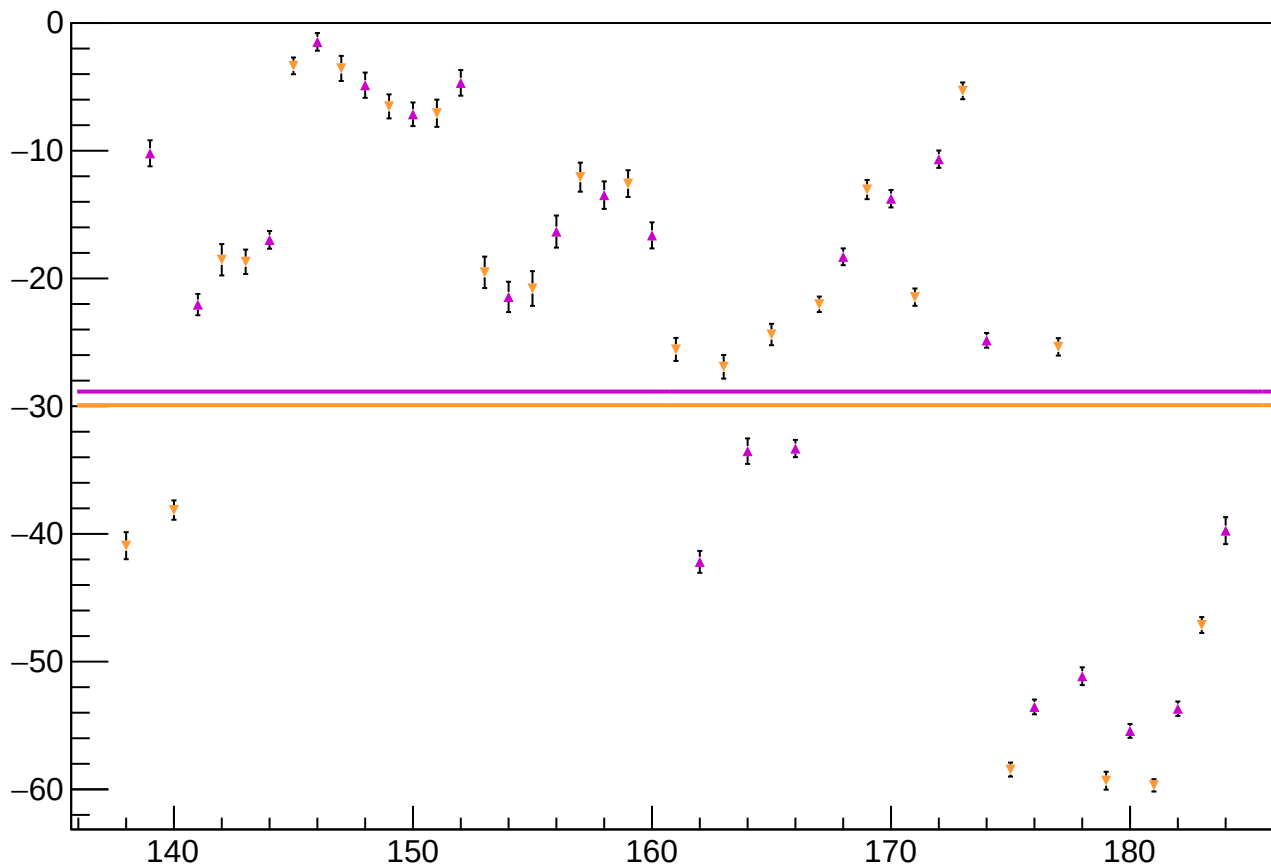
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.125+/-0.006 χ^2/NDF :2130.1/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.085+/-0.006 χ^2/NDF :3148.4/22

Left: -0.105+/-0.004 χ^2/NDF : 5302.4/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.085+/-0.006 χ^2/NDF :3148.4/22
 Out: -0.125+/-0.006 χ^2/NDF :2130.1/23
 All: -0.105+/-0.004 χ^2/NDF : 5302.4/46

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.918+/-0.158 χ^2/NDF :15903.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.857+/-0.159 χ^2/NDF :13553.6/22

Left: -29.390+/-0.112 χ^2/NDF : 29479.5/46

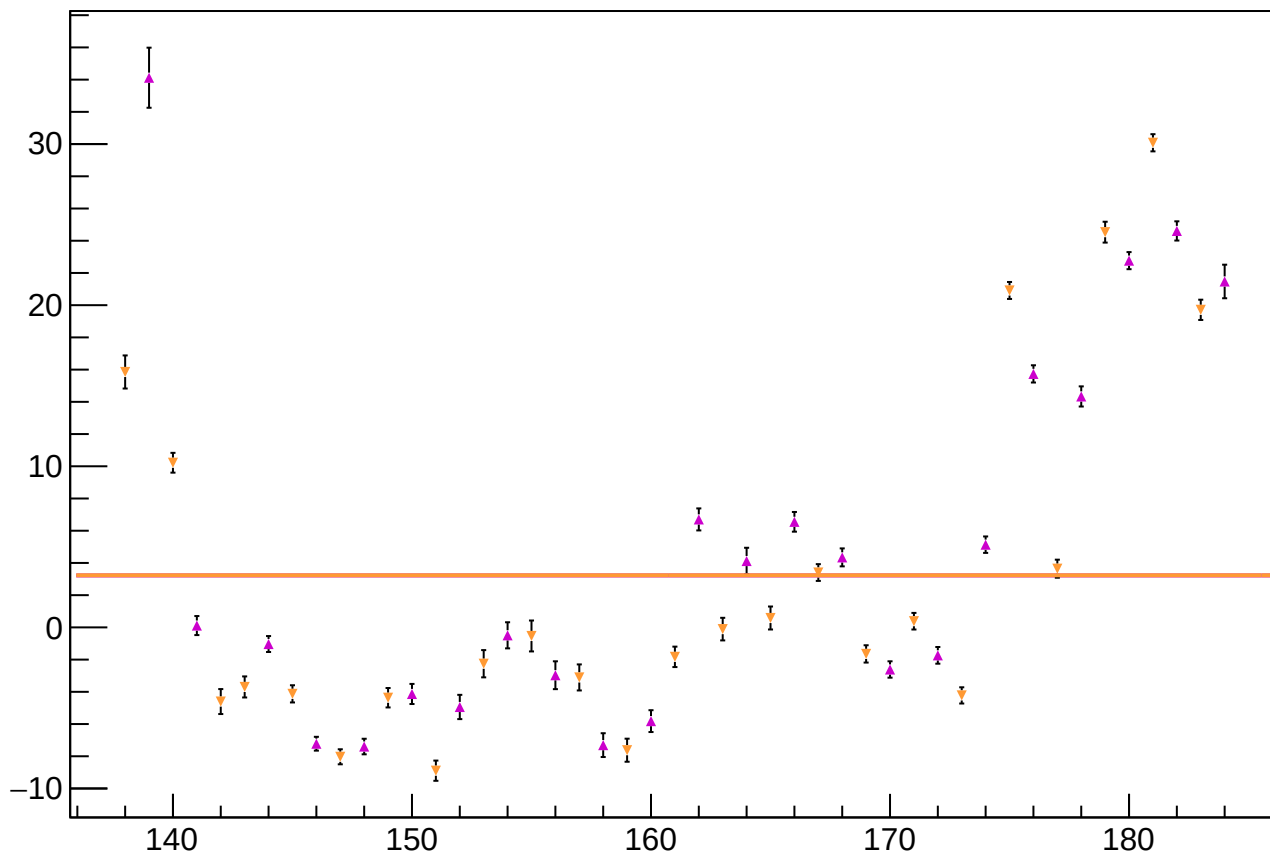
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.857+/-0.159 χ^2/NDF :13553.6/22

Out: -29.918+/-0.158 χ^2/NDF :15903.6/23

All: -29.390+/-0.112 χ^2/NDF : 29479.5/46

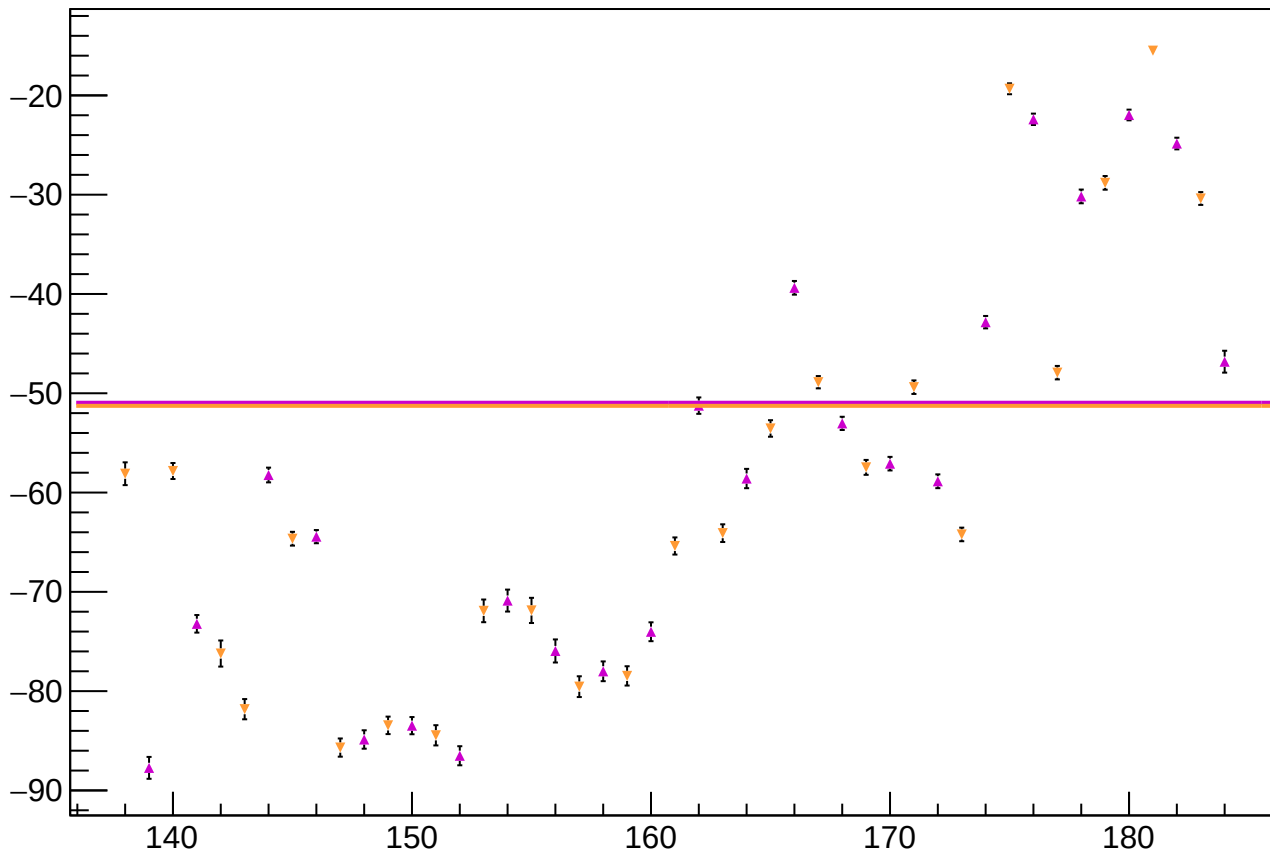
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.234 $\pm$ 0.125 χ^2 /NDF:8010.9/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.224 $\pm$ 0.127 χ^2 /NDF:6274.0/22

Left: 3.229 $\pm$ 0.089 χ^2 /NDF: 14284.9/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.224 $\pm$ 0.127 χ^2 /NDF:6274.0/22
 Out: 3.234 $\pm$ 0.125 χ^2 /NDF:8010.9/23
 All: 3.229 $\pm$ 0.089 χ^2 /NDF: 14284.9/46

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: -51.265+/-0.159 χ^2/NDF :19130.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -50.954+/-0.159 χ^2/NDF :17472.2/22

Left: -51.110+/-0.113 χ^2/NDF : 36604.8/46

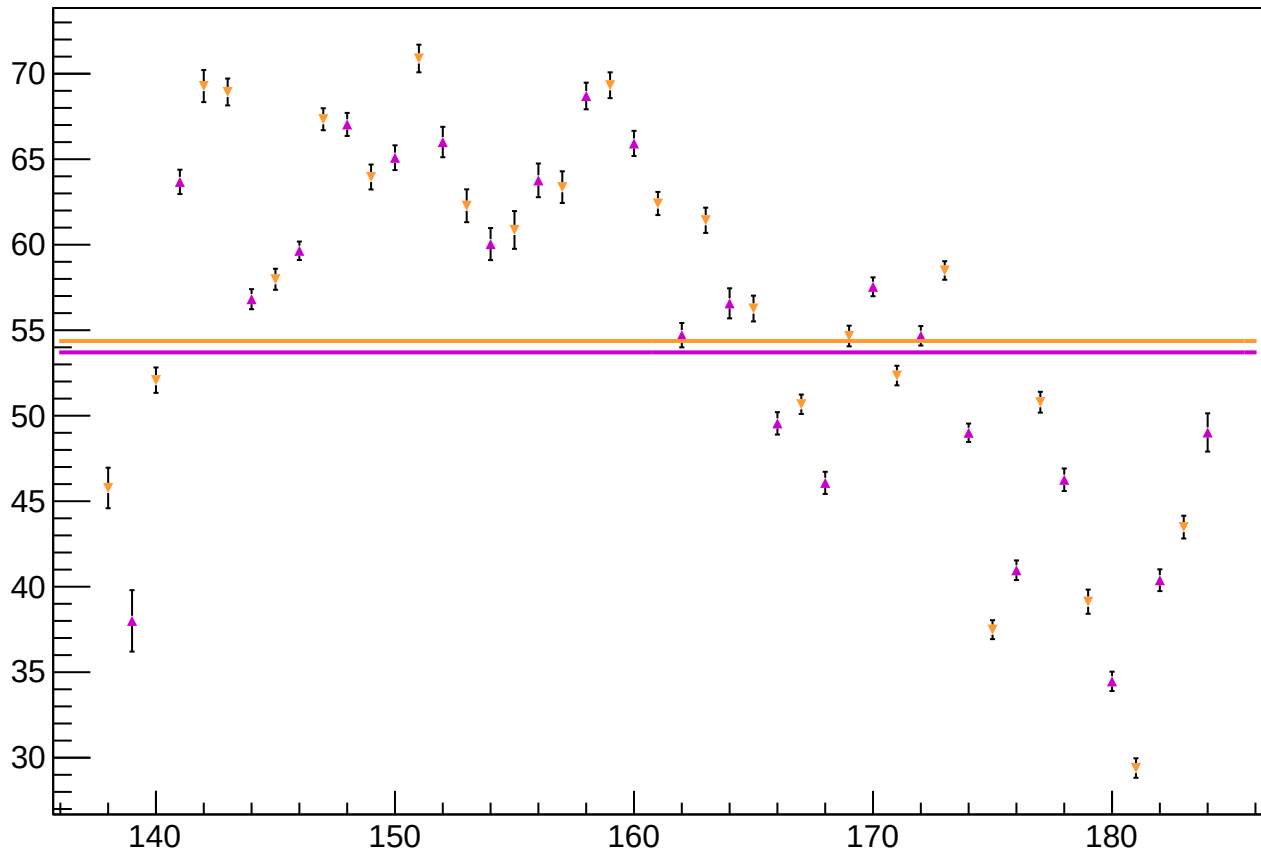
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -50.954+/-0.159 χ^2/NDF :17472.2/22

Out: -51.265+/-0.159 χ^2/NDF :19130.7/23

All: -51.110+/-0.113 χ^2/NDF : 36604.8/46

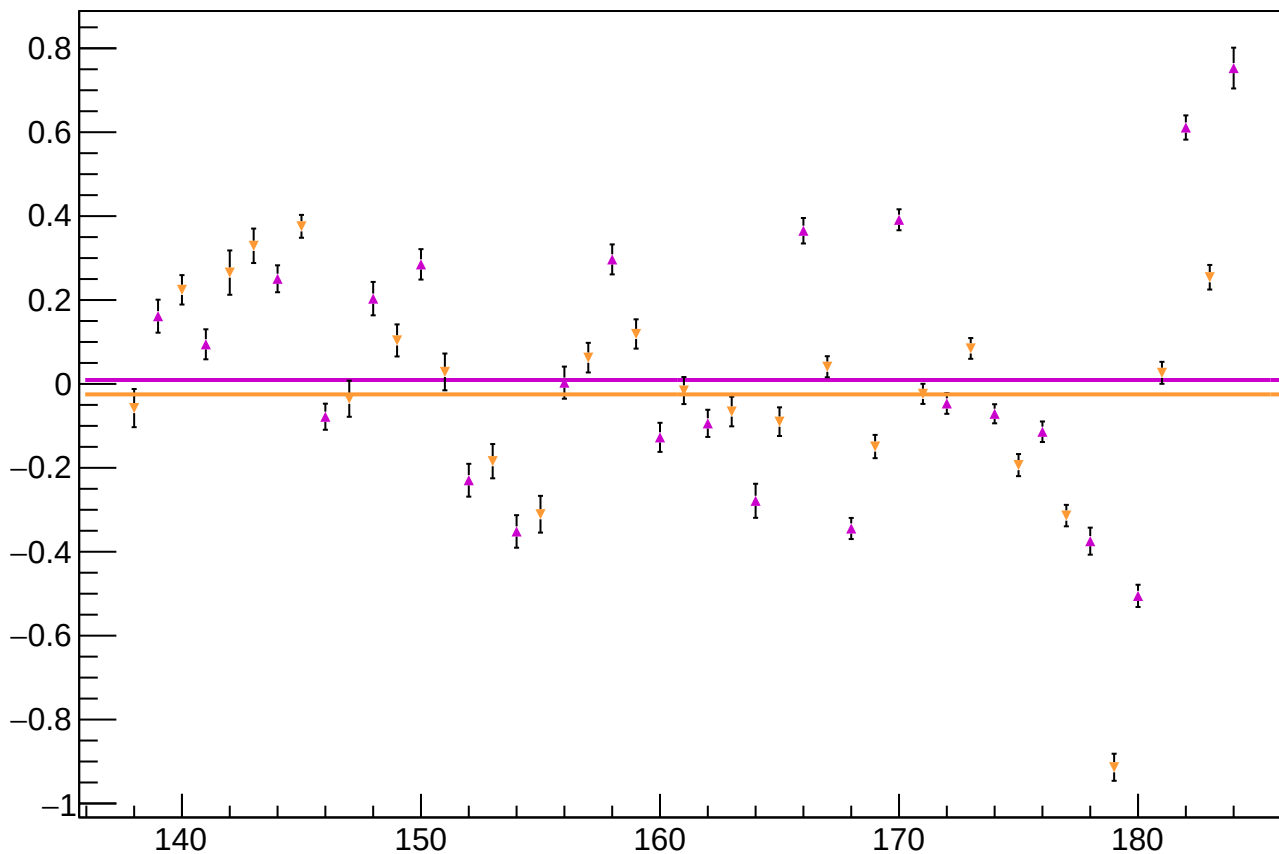
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 54.367 $\pm$ 0.142 χ^2/NDF :6240.3/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 53.704 $\pm$ 0.143 χ^2/NDF :4603.5/22

Left: 54.038 $\pm$ 0.100 χ^2/NDF : 10854.7/46
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 53.704 $\pm$ 0.143 χ^2/NDF :4603.5/22
 Out: 54.367 $\pm$ 0.142 χ^2/NDF :6240.3/23
 All: 54.038 $\pm$ 0.100 χ^2/NDF : 10854.7/46

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.025+/-0.007 χ^2/NDF :1539.0/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.009+/-0.007 χ^2/NDF :2228.9/22

Left: -0.008+/-0.005 χ^2/NDF : 3781.7/46

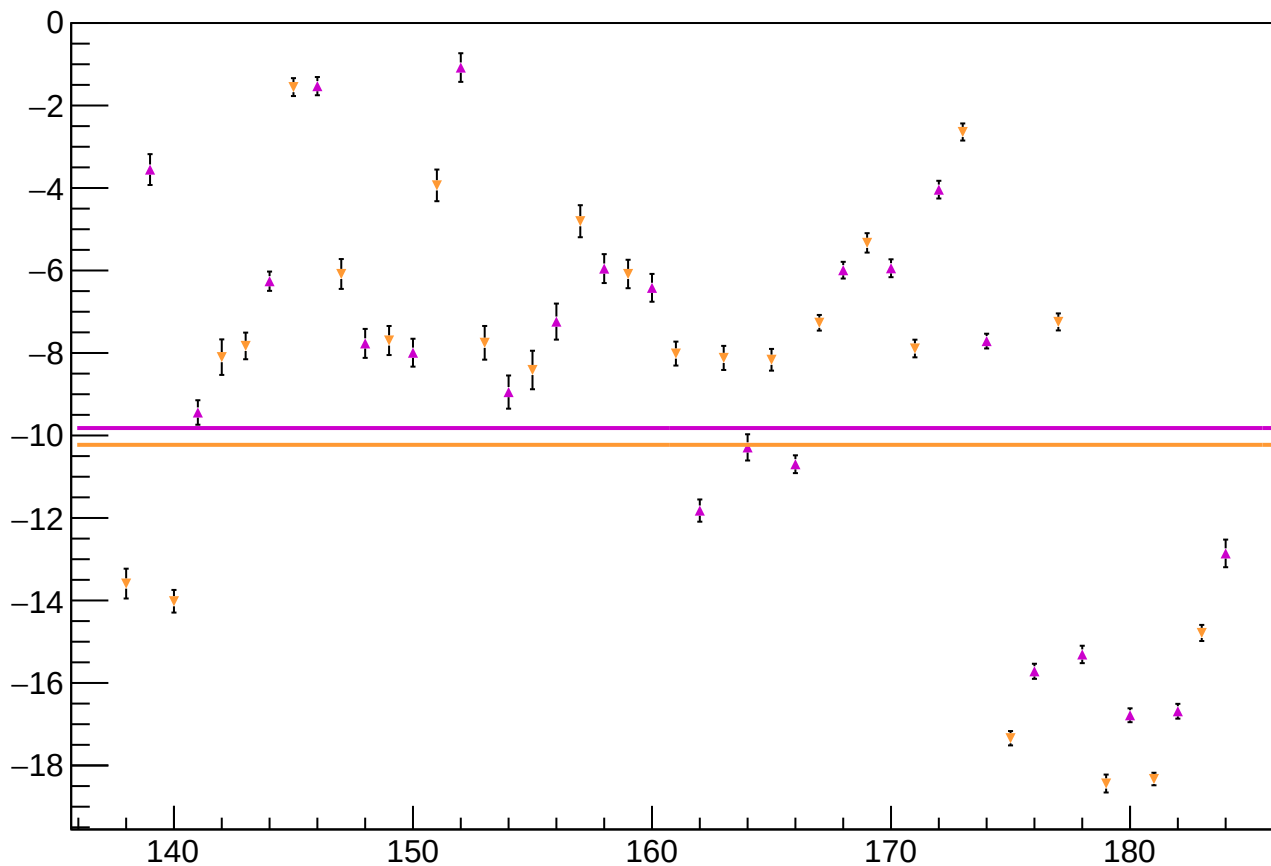
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.009+/-0.007 χ^2/NDF :2228.9/22

Out: -0.025+/-0.007 χ^2/NDF :1539.0/23

All: -0.008+/-0.005 χ^2/NDF : 3781.7/46

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.227+/-0.051 χ^2/NDF :11800.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.820+/-0.051 χ^2/NDF :9468.8/22

Left: -10.023+/-0.036 χ^2/NDF : 21300.4/46

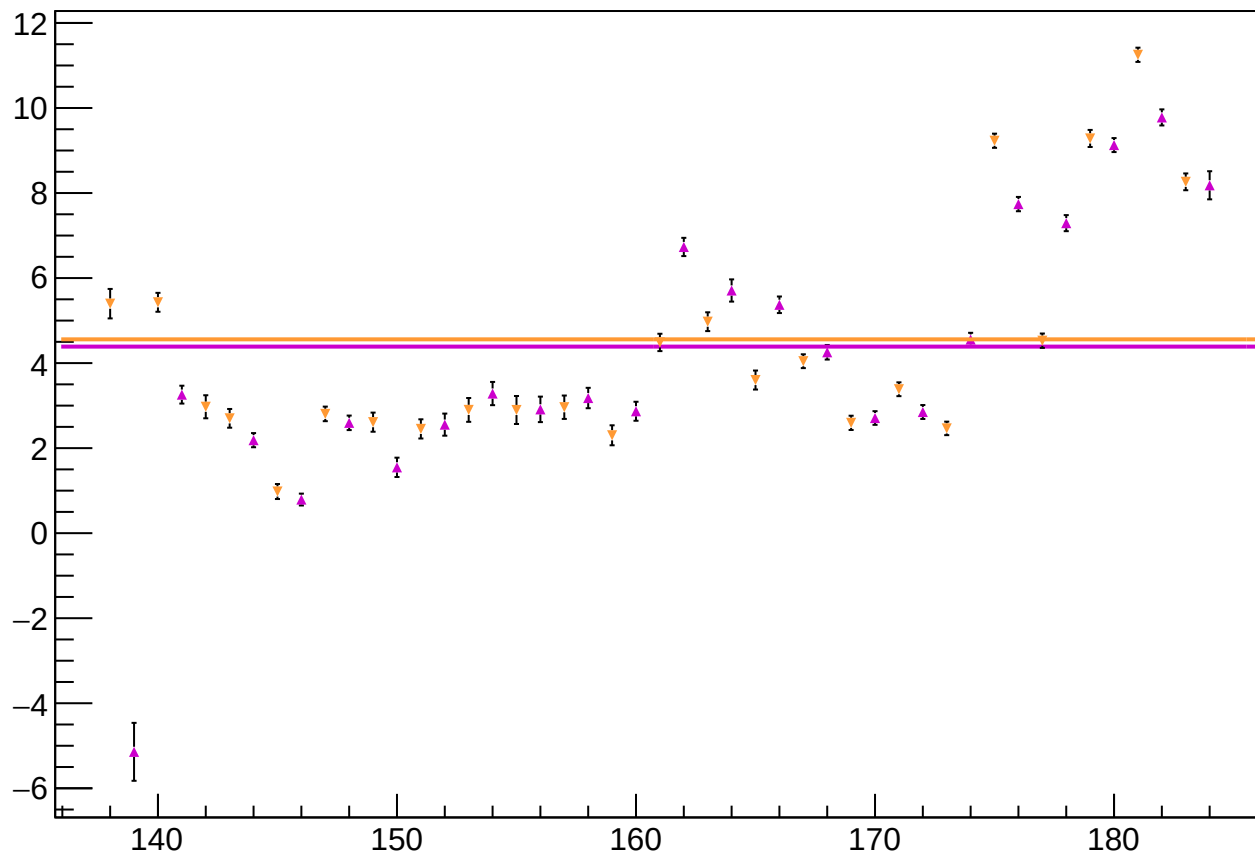
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.820+/-0.051 χ^2/NDF :9468.8/22

Out: -10.227+/-0.051 χ^2/NDF :11800.0/23

All: -10.023+/-0.036 χ^2/NDF : 21300.4/46

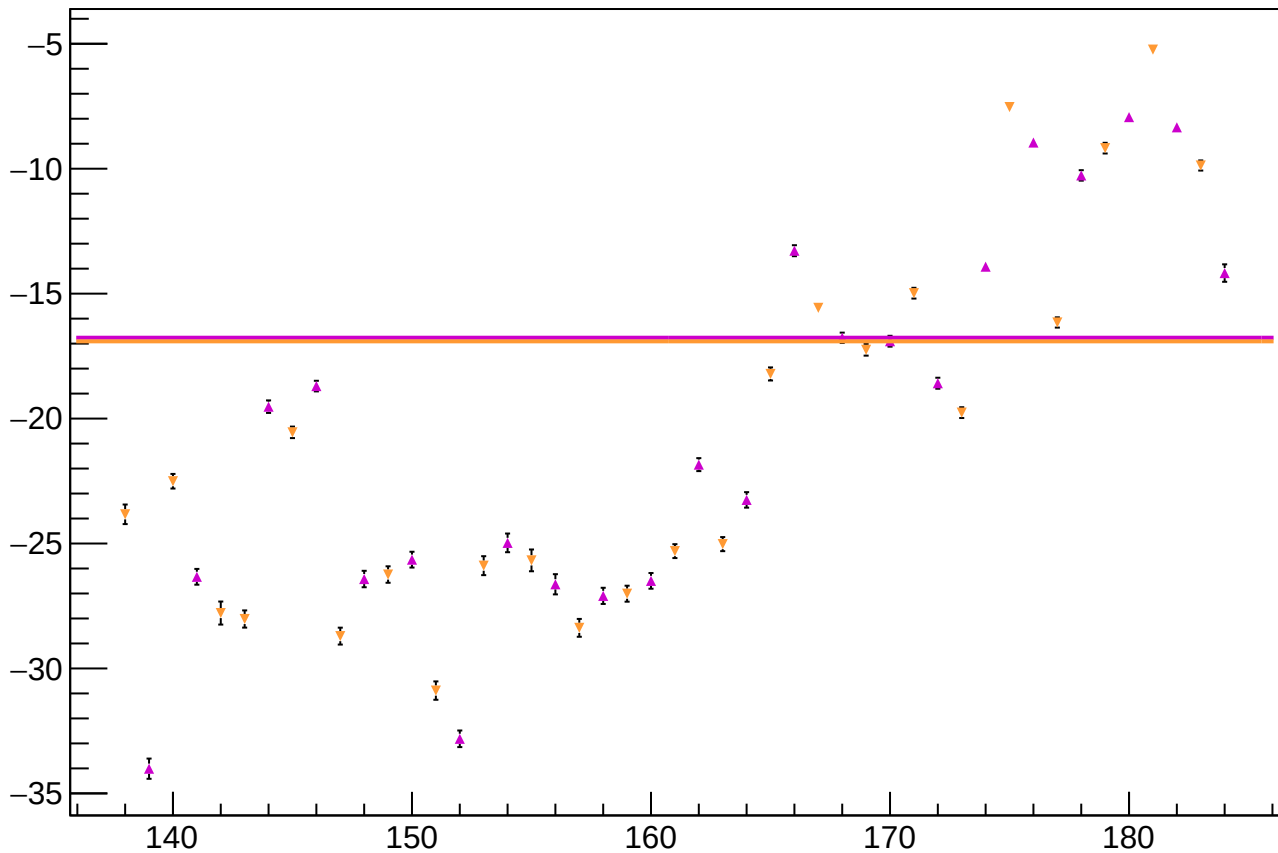
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.559 $\pm$ 0.041 χ^2 /NDF:4673.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.388 $\pm$ 0.041 χ^2 /NDF:4266.4/22

Left: 4.474 $\pm$ 0.029 χ^2 /NDF: 8948.1/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.388 $\pm$ 0.041 χ^2 /NDF:4266.4/22
 Out: 4.559 $\pm$ 0.041 χ^2 /NDF:4673.0/23
 All: 4.474 $\pm$ 0.029 χ^2 /NDF: 8948.1/46

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -16.909+/-0.052 χ^2/NDF :21934.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.764+/-0.051 χ^2/NDF :19037.7/22

Left: -16.836+/-0.036 χ^2/NDF : 40976.0/46

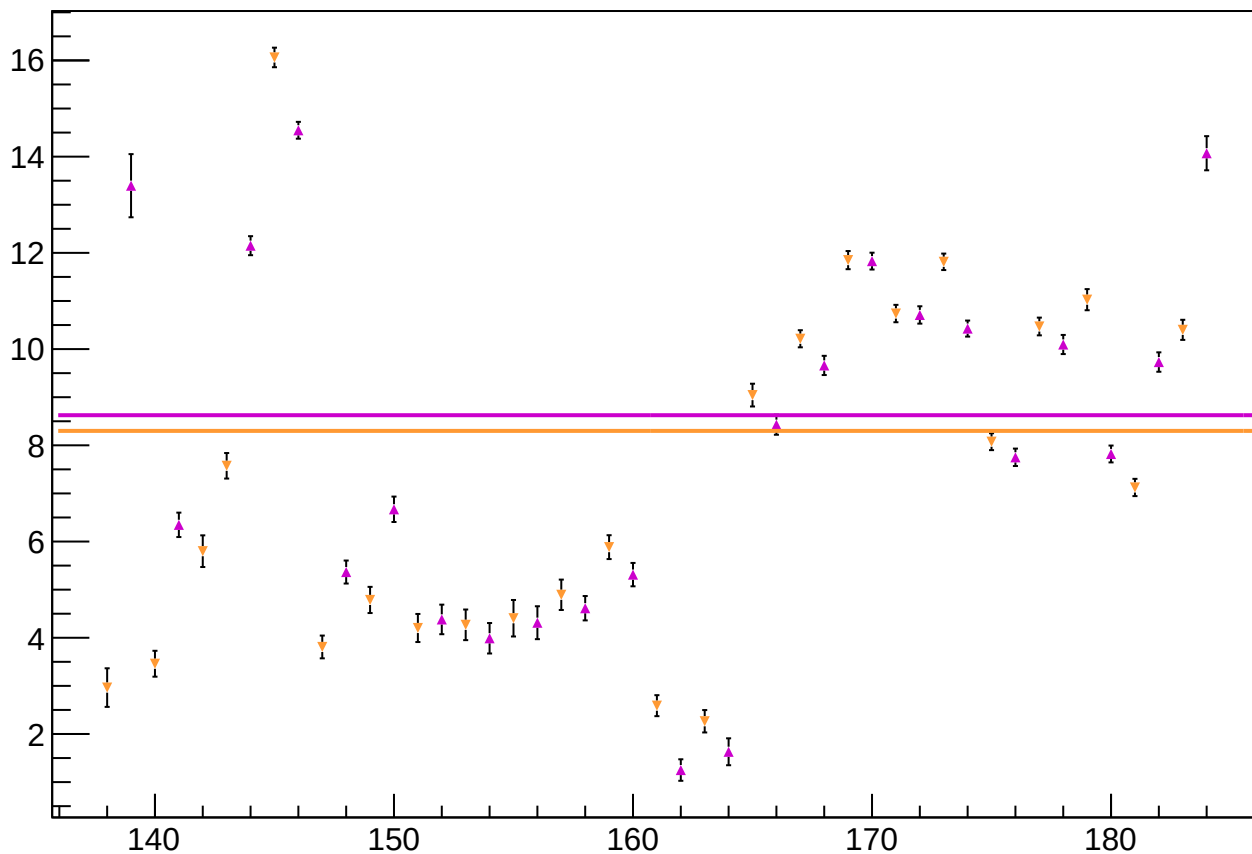
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.764+/-0.051 χ^2/NDF :19037.7/22

Out: -16.909+/-0.052 χ^2/NDF :21934.3/23

All: -16.836+/-0.036 χ^2/NDF : 40976.0/46

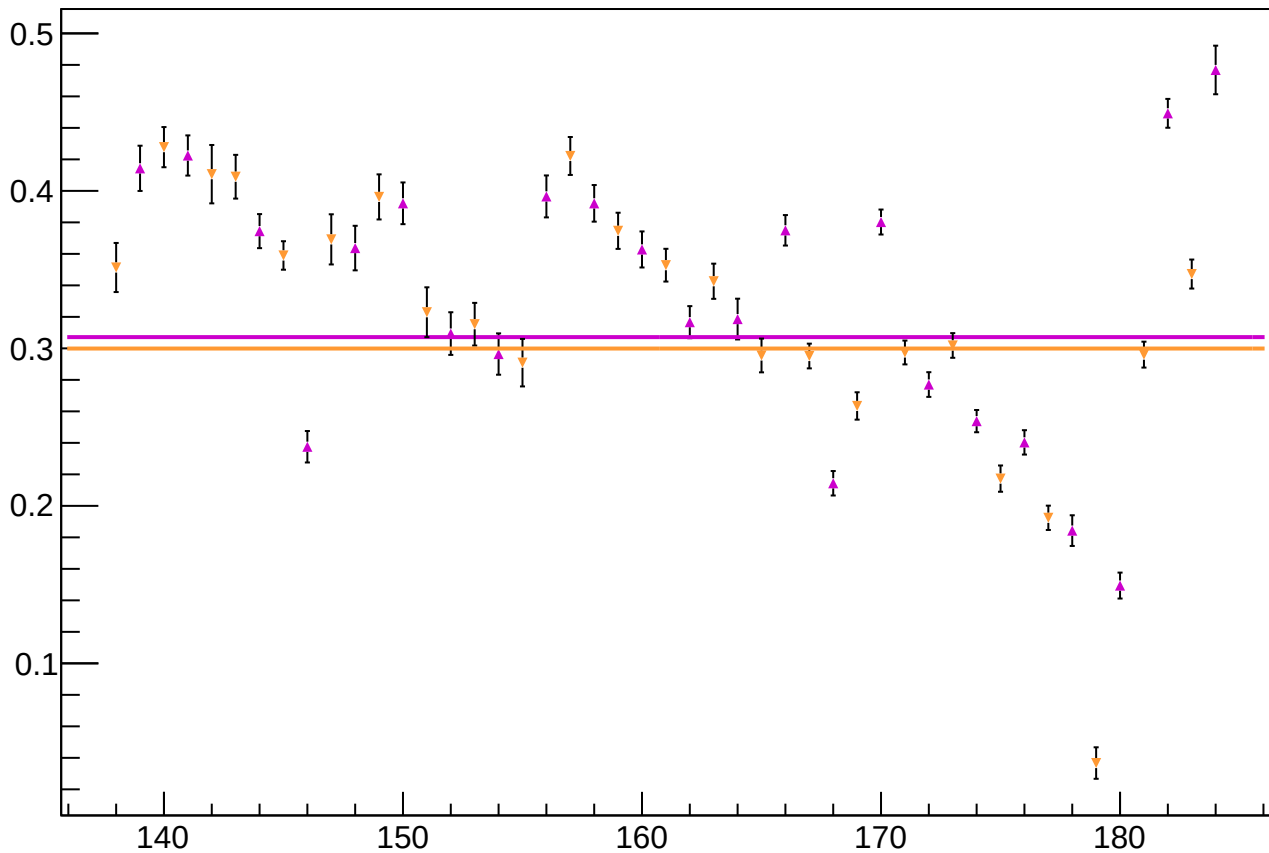
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.300+/-0.046 χ^2/NDF : 6107.2/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.626+/-0.046 χ^2/NDF : 5531.9/22

Left: 8.463+/-0.033 χ^2/NDF : 11664.1/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.626+/-0.046 χ^2/NDF : 5531.9/22
 Out: 8.300+/-0.046 χ^2/NDF : 6107.2/23
 All: 8.463+/-0.033 χ^2/NDF : 11664.1/46

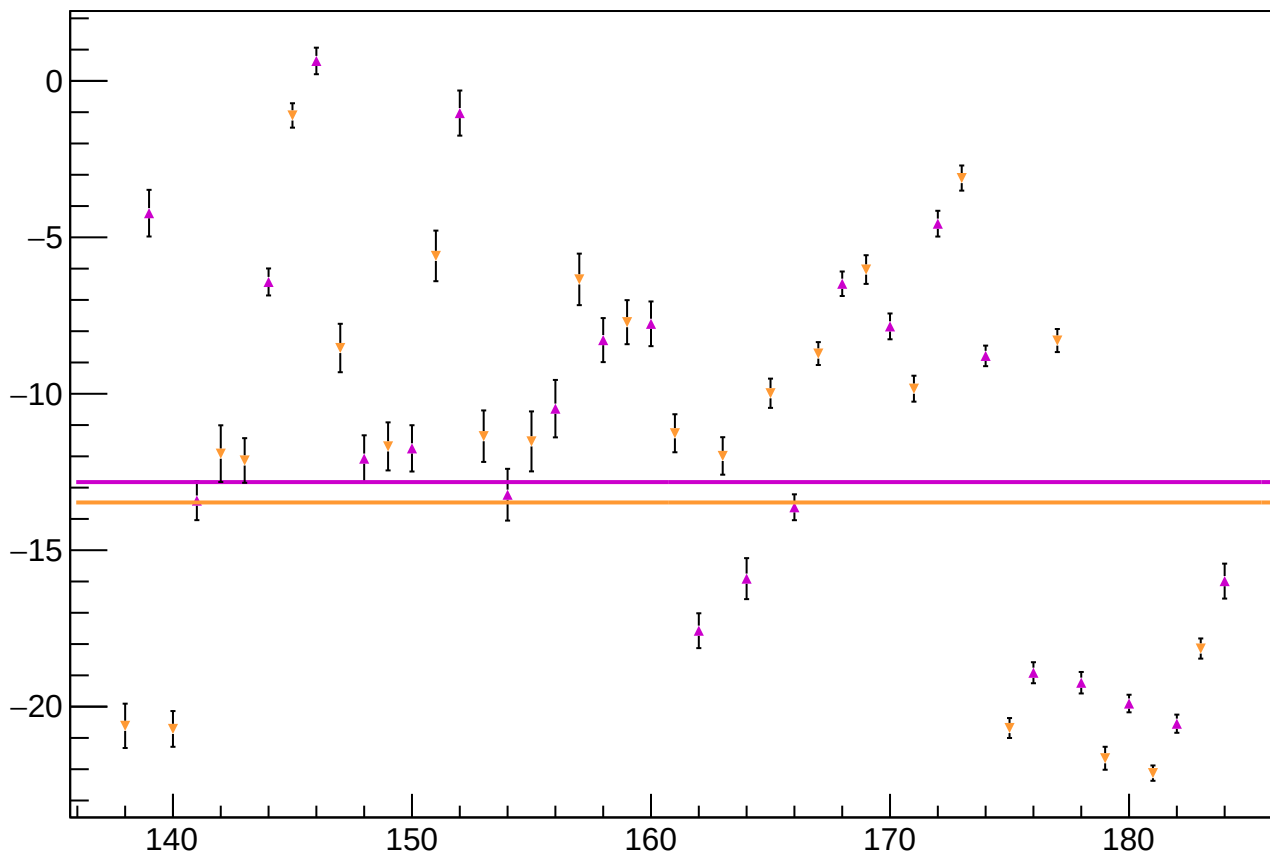
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.300 $\pm$ 0.002 χ^2 /NDF:1534.5/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22

Left: 0.304 $\pm$ 0.001 χ^2 /NDF: 3257.2/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22
 Out: 0.300 $\pm$ 0.002 χ^2 /NDF:1534.5/23
 All: 0.304 $\pm$ 0.001 χ^2 /NDF: 3257.2/46

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -13.474 $\pm$ 0.095 χ^2 /NDF:5482.0/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -12.823 $\pm$ 0.095 χ^2 /NDF:4841.5/22

Left: -13.148 $\pm$ 0.067 χ^2 /NDF: 10347.1/46

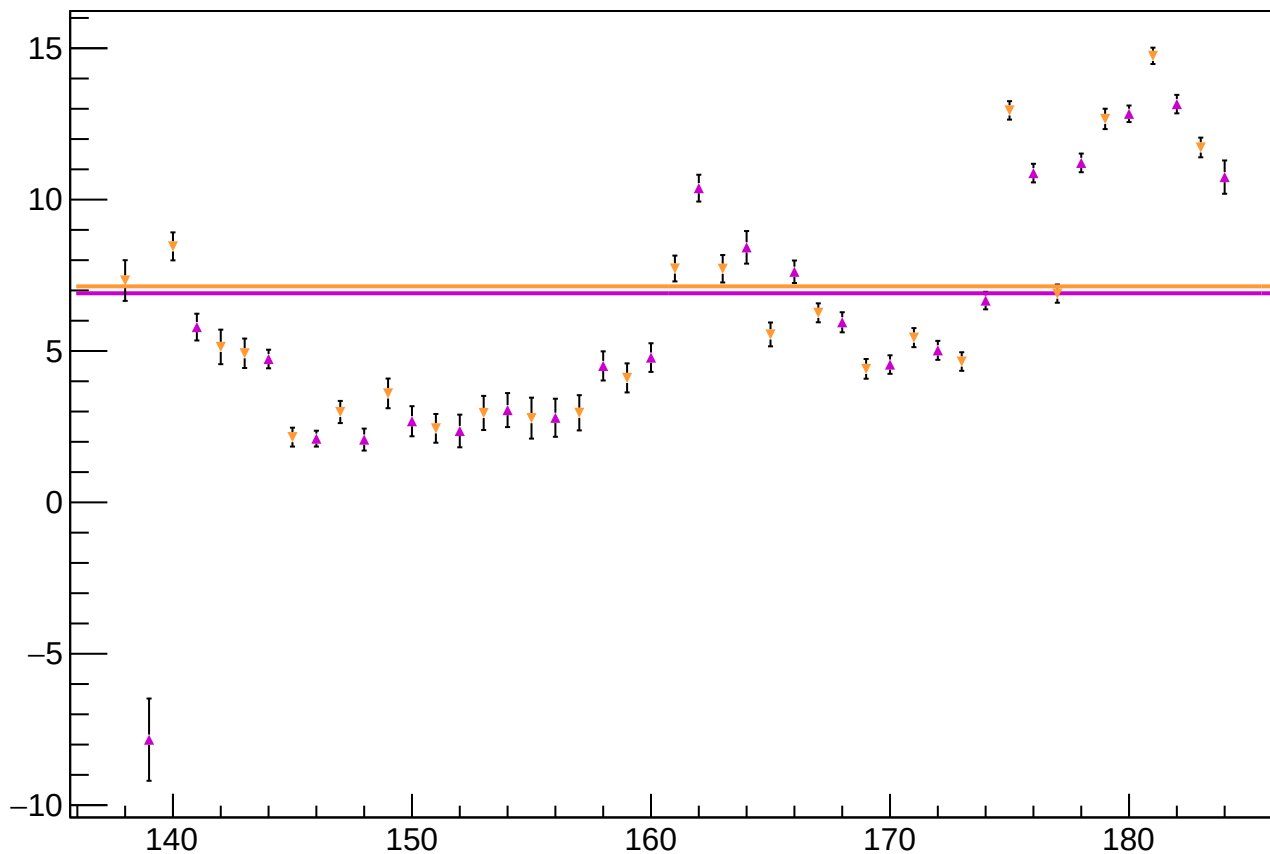
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -12.823 $\pm$ 0.095 χ^2 /NDF:4841.5/22

Out: -13.474 $\pm$ 0.095 χ^2 /NDF:5482.0/23

All: -13.148 $\pm$ 0.067 χ^2 /NDF: 10347.1/46

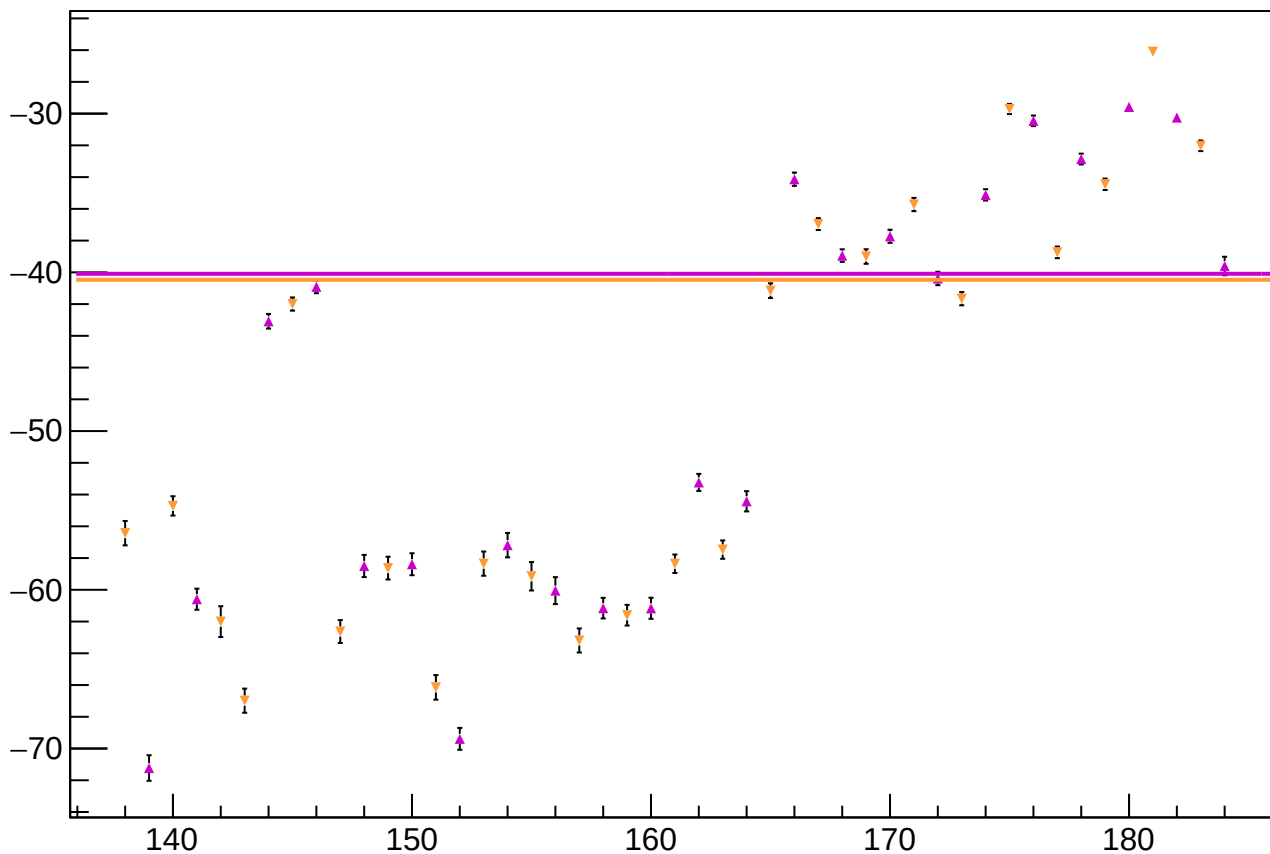
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.135 $\pm$ 0.078 χ^2 /NDF:2584.9/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 6.906 $\pm$ 0.077 χ^2 /NDF:2442.8/22

Left: 7.020 $\pm$ 0.055 χ^2 /NDF: 5032.1/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 6.906 $\pm$ 0.077 χ^2 /NDF:2442.8/22
 Out: 7.135 $\pm$ 0.078 χ^2 /NDF:2584.9/23
 All: 7.020 $\pm$ 0.055 χ^2 /NDF: 5032.1/46

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.471+/-0.096 χ^2/NDF :15611.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.091+/-0.095 χ^2/NDF :14103.5/22

Left: -40.279+/-0.068 χ^2/NDF : 29722.8/46

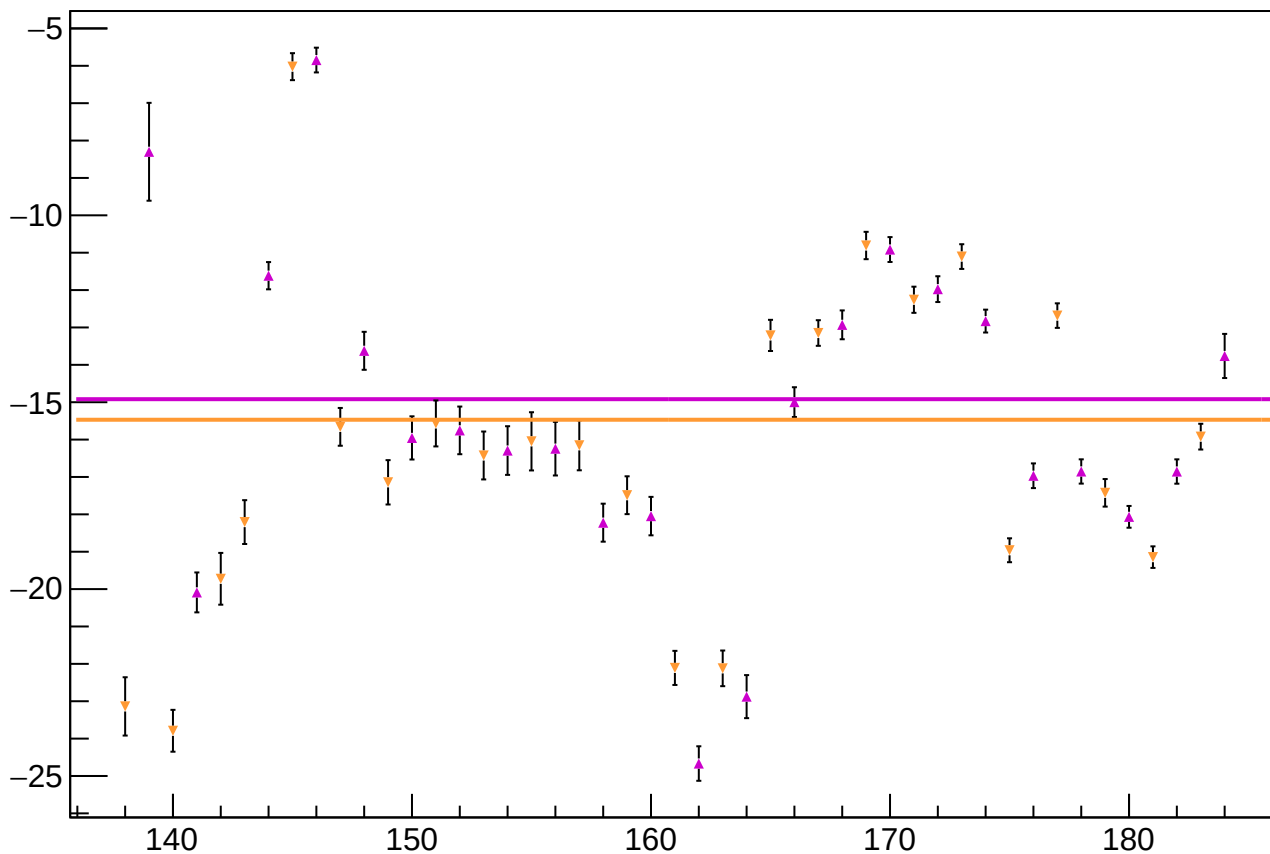
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.091+/-0.095 χ^2/NDF :14103.5/22

Out: -40.471+/-0.096 χ^2/NDF :15611.3/23

All: -40.279+/-0.068 χ^2/NDF : 29722.8/46

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: -15.469 ± 0.087 $\chi^2/\text{NDF}: 2375.9/23$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -14.919 ± 0.087 $\chi^2/\text{NDF}: 2207.7/22$

Left: -15.193 ± 0.061 $\chi^2/\text{NDF}: 4603.8/46$

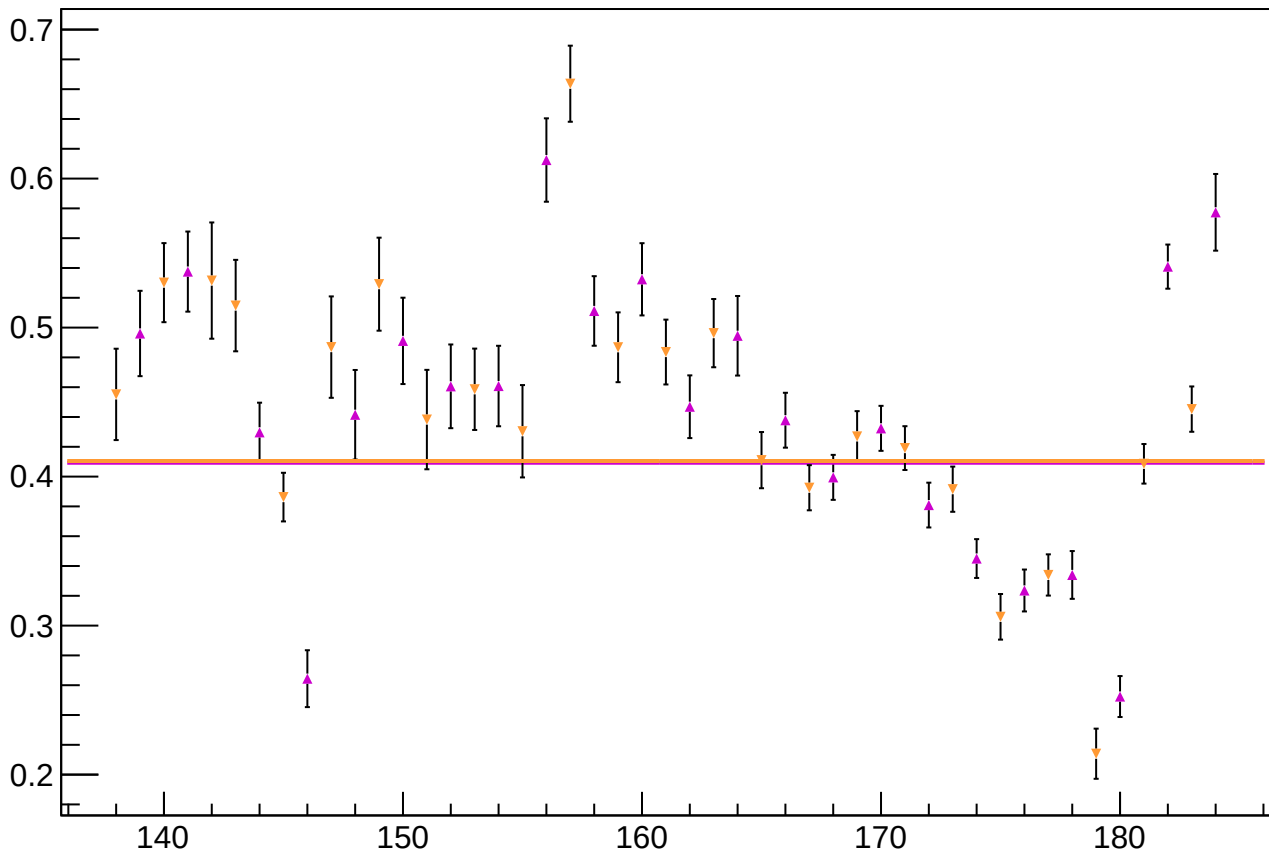
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.919 ± 0.087 $\chi^2/\text{NDF}: 2207.7/22$

Out: -15.469 ± 0.087 $\chi^2/\text{NDF}: 2375.9/23$

All: -15.193 ± 0.061 $\chi^2/\text{NDF}: 4603.8/46$

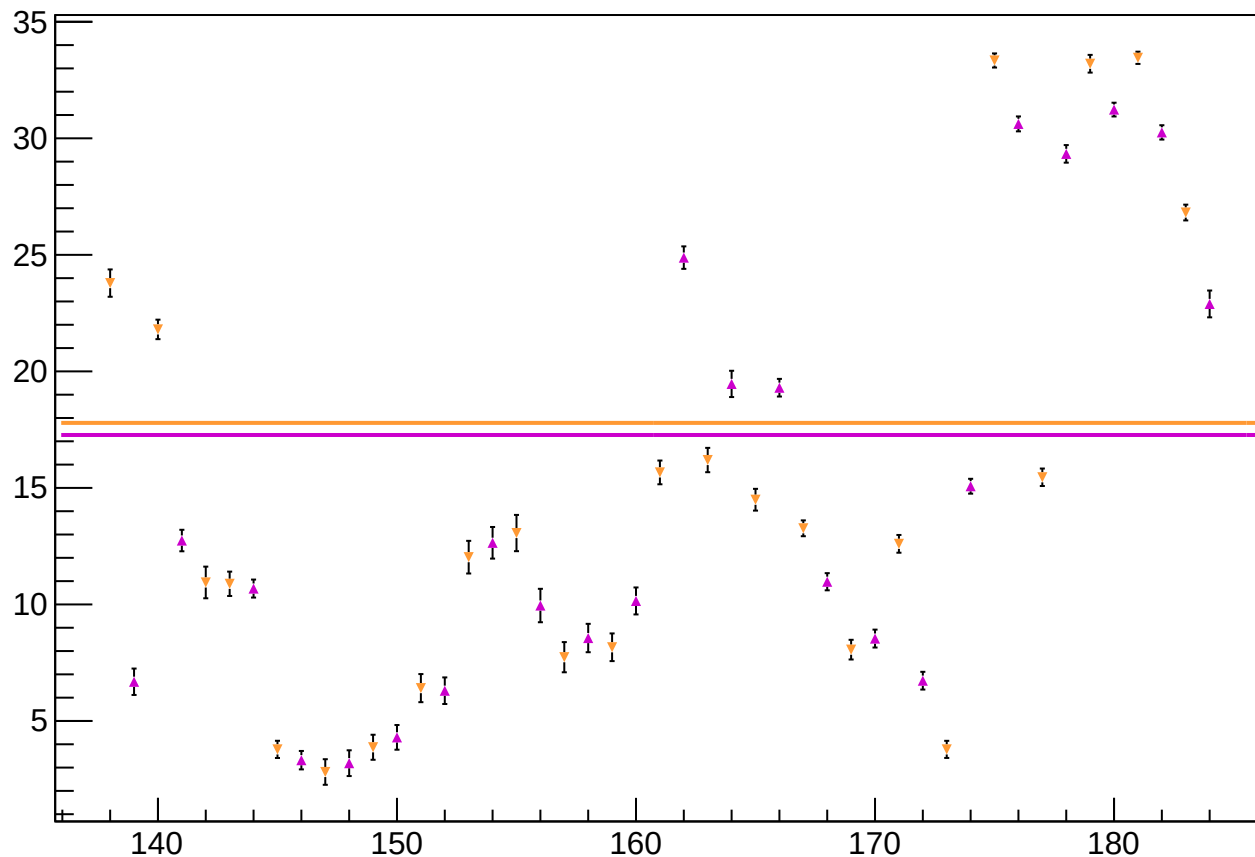
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.410 $\pm$ 0.004 χ^2 /NDF:426.9/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.409 $\pm$ 0.004 χ^2 /NDF:561.9/22

Left: 0.410 $\pm$ 0.003 χ^2 /NDF: 988.8/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.409 $\pm$ 0.004 χ^2 /NDF:561.9/22
 Out: 0.410 $\pm$ 0.004 χ^2 /NDF:426.9/23
 All: 0.410 $\pm$ 0.003 χ^2 /NDF: 988.8/46

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 17.790+/-0.088 χ^2/NDF :15292.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.271+/-0.088 χ^2/NDF :12892.2/22

Left: 17.532+/-0.062 χ^2/NDF : 28202.4/46

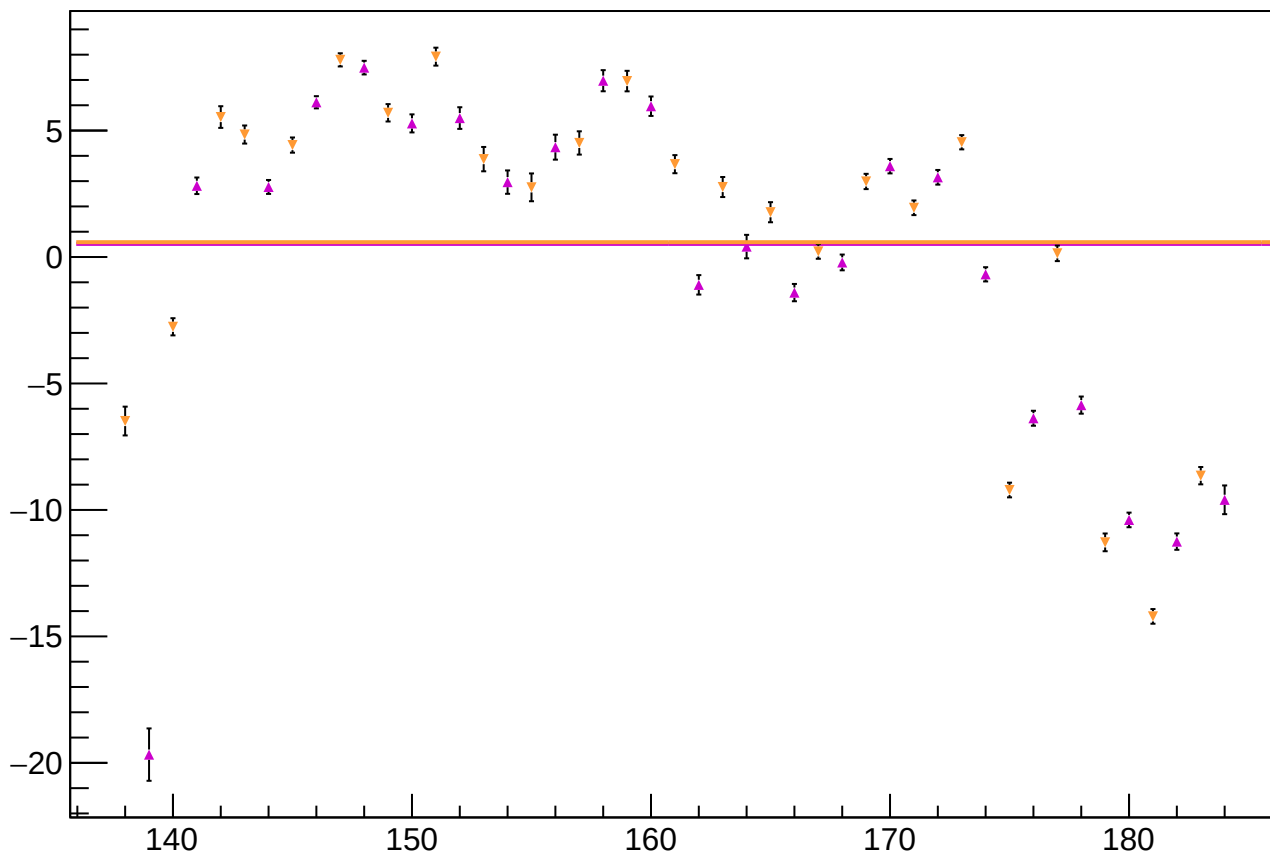
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.271+/-0.088 χ^2/NDF :12892.2/22

Out: 17.790+/-0.088 χ^2/NDF :15292.9/23

All: 17.532+/-0.062 χ^2/NDF : 28202.4/46

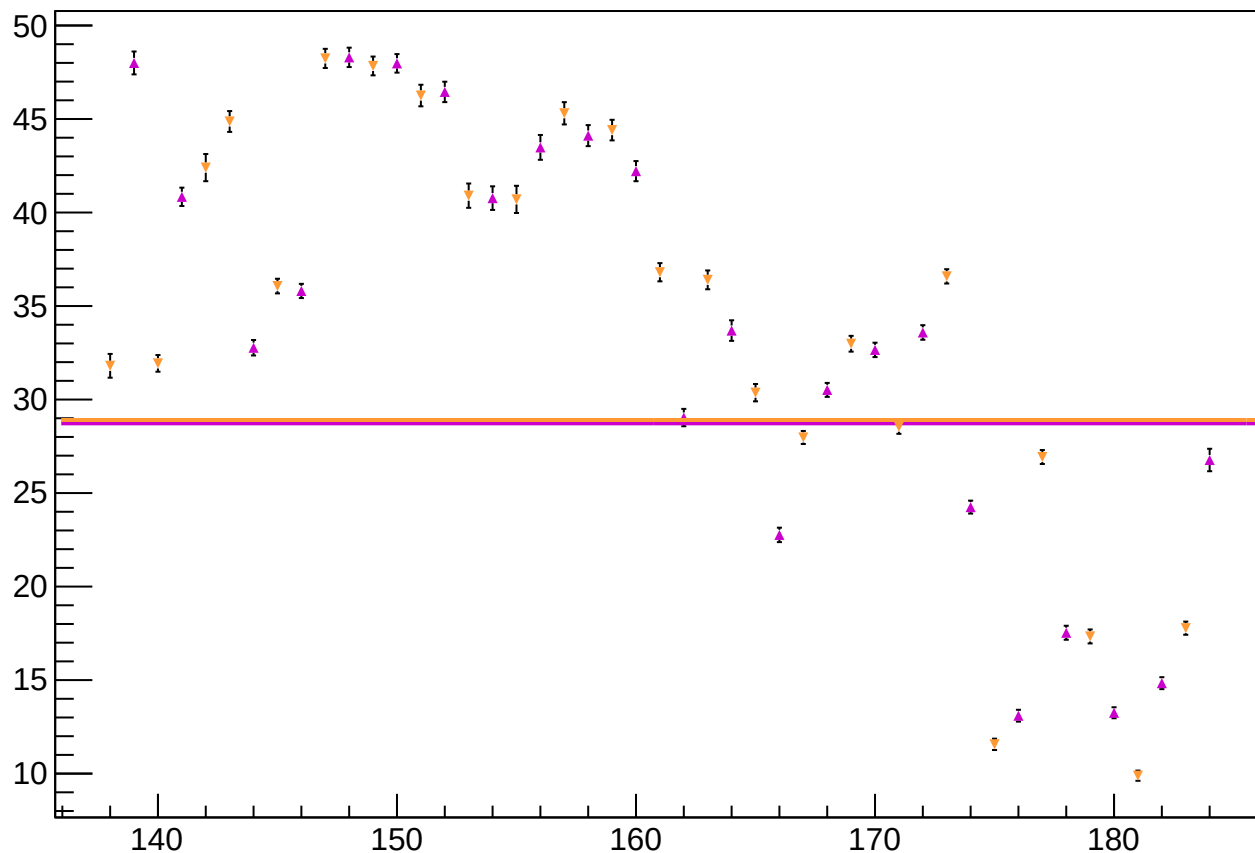
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.586 $\pm$ 0.070 χ^2 /NDF:8492.8/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.519 $\pm$ 0.071 χ^2 /NDF:6776.8/22

Left: 0.553 $\pm$ 0.050 χ^2 /NDF: 15270.0/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.519 $\pm$ 0.071 χ^2 /NDF:6776.8/22
 Out: 0.586 $\pm$ 0.070 χ^2 /NDF:8492.8/23
 All: 0.553 $\pm$ 0.050 χ^2 /NDF: 15270.0/46

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 28.907 $\pm$ 0.089 χ^2 /NDF:18556.6/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

Left: 28.818 $\pm$ 0.063 χ^2 /NDF: 35596.0/46

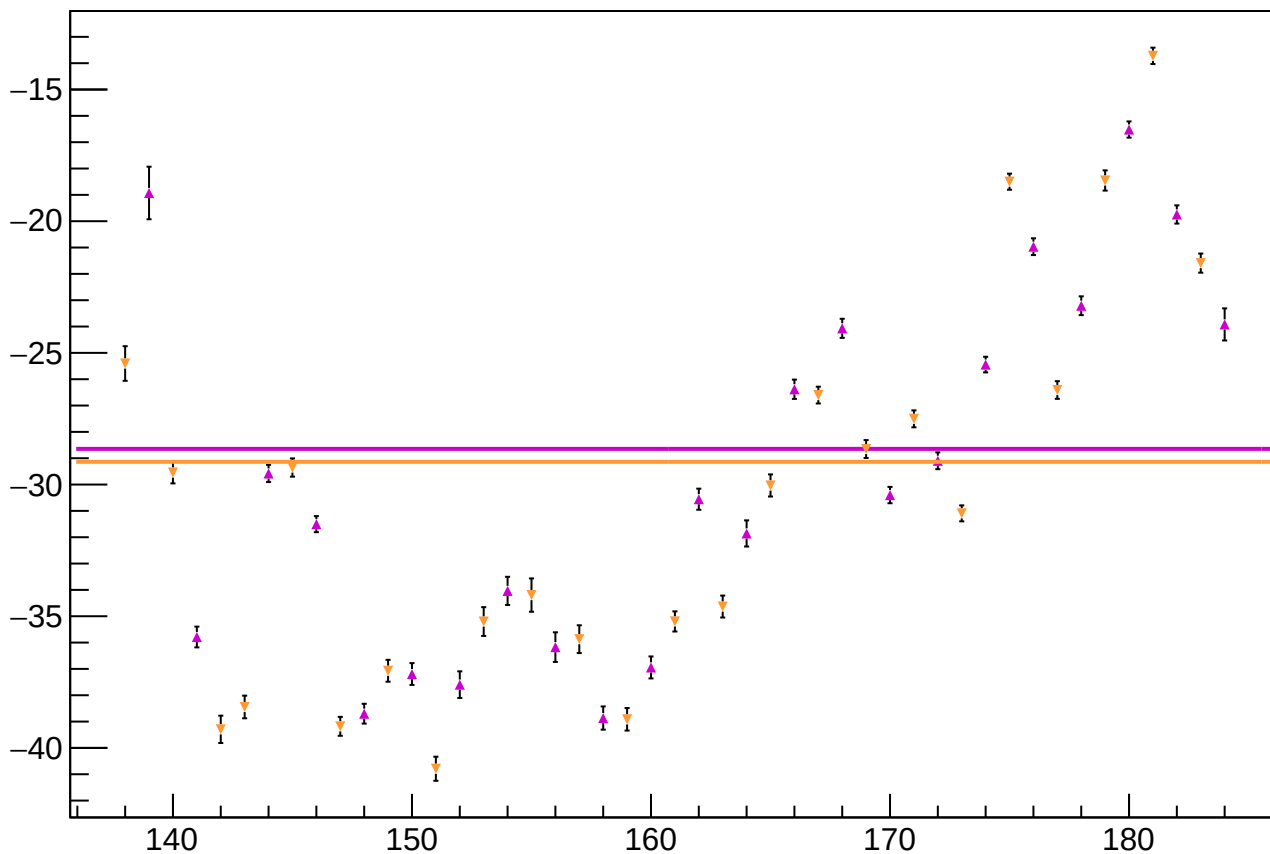
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

Out: 28.907 $\pm$ 0.089 χ^2 /NDF:18556.6/23

All: 28.818 $\pm$ 0.063 χ^2 /NDF: 35596.0/46

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -29.136 $\pm$ 0.079 χ^2 /NDF:9071.6/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -28.645 $\pm$ 0.080 χ^2 /NDF:6693.5/22

Left: -28.892 $\pm$ 0.056 χ^2 /NDF: 15784.3/46

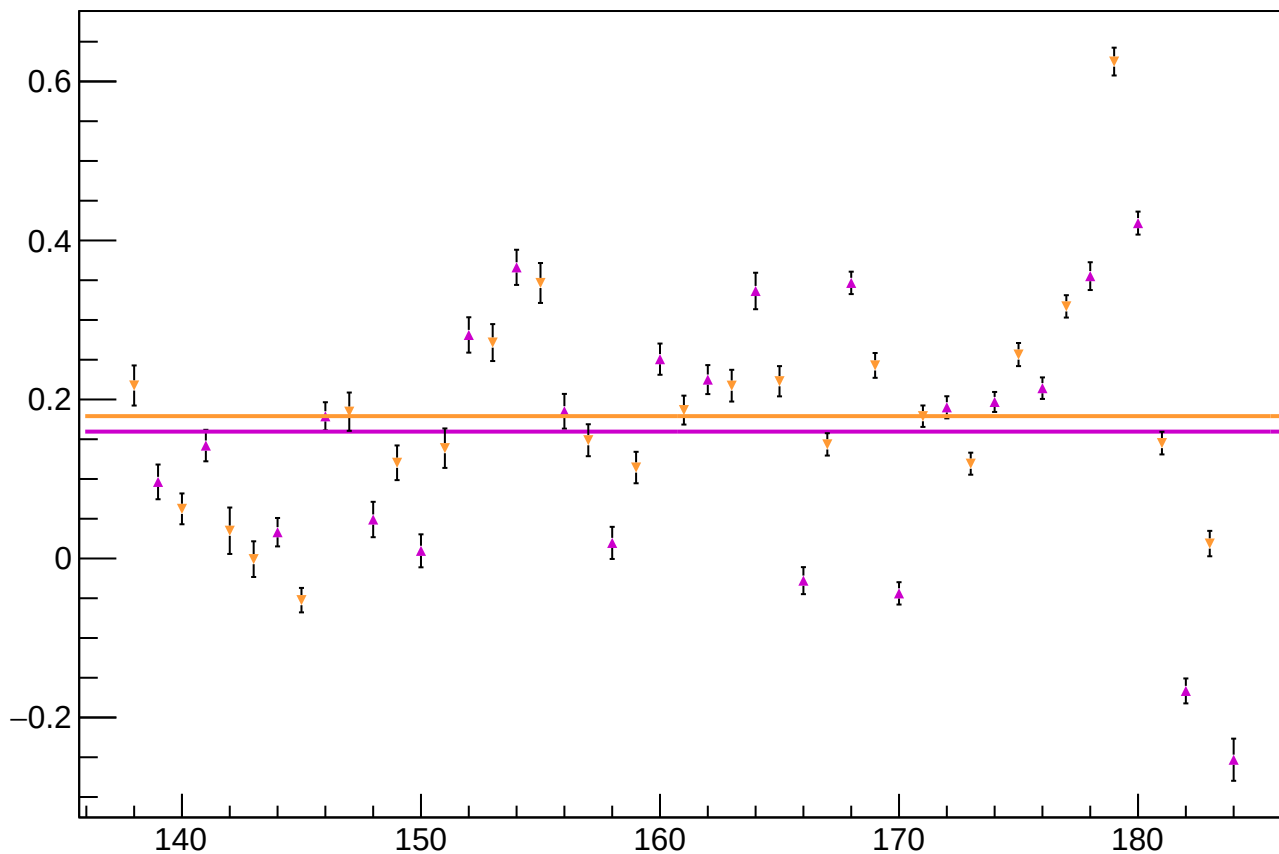
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -28.645 $\pm$ 0.080 χ^2 /NDF:6693.5/22

Out: -29.136 $\pm$ 0.079 χ^2 /NDF:9071.6/23

All: -28.892 $\pm$ 0.056 χ^2 /NDF: 15784.3/46

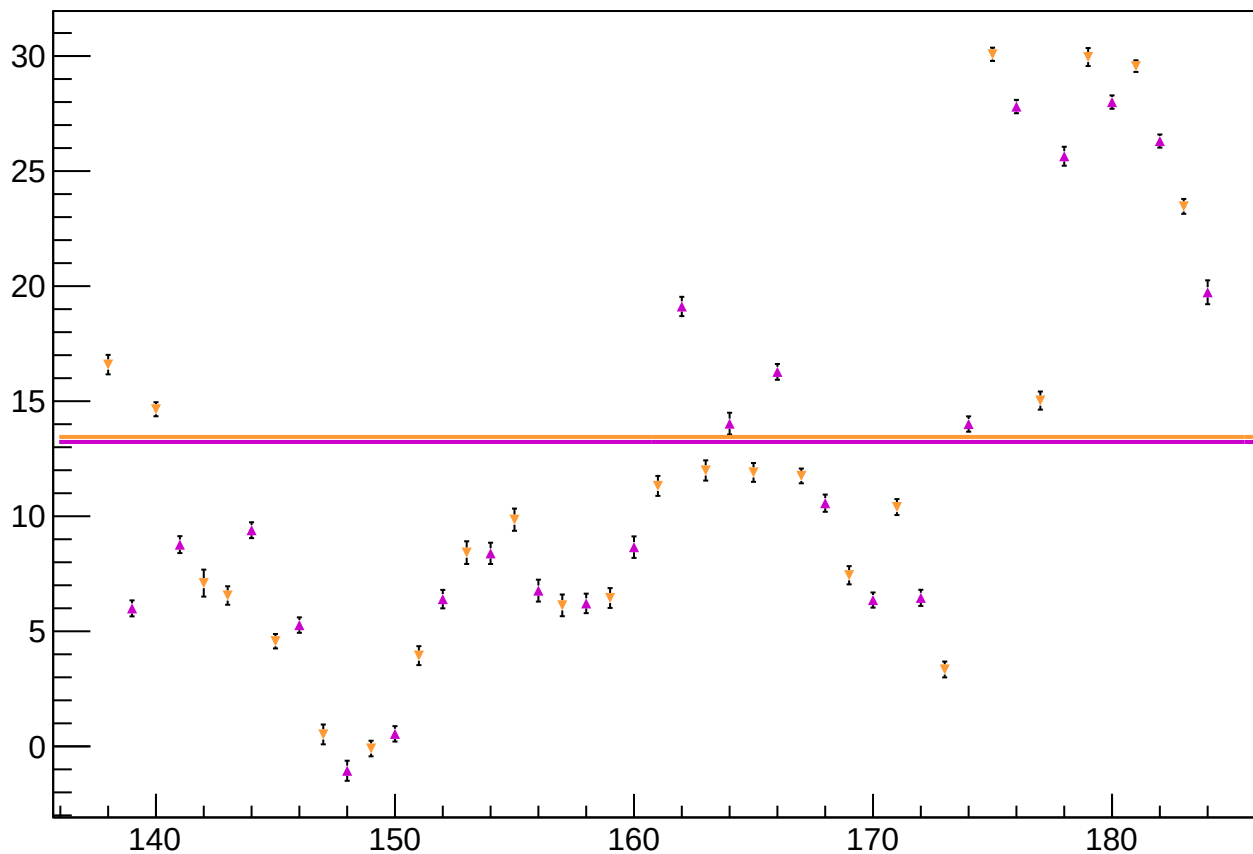
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.179 $\pm$ 0.004 χ^2/NDF :1368.4/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.160 $\pm$ 0.004 χ^2/NDF :2063.7/22

Left: 0.169 $\pm$ 0.003 χ^2/NDF : 3446.4/46
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 0.160 $\pm$ 0.004 χ^2/NDF :2063.7/22
 Out: 0.179 $\pm$ 0.004 χ^2/NDF :1368.4/23
 All: 0.169 $\pm$ 0.003 χ^2/NDF : 3446.4/46

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 13.447+/-0.076 χ^2/NDF :16339.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.228+/-0.077 χ^2/NDF :14126.1/22

Left: 13.338+/-0.054 χ^2/NDF : 30469.5/46

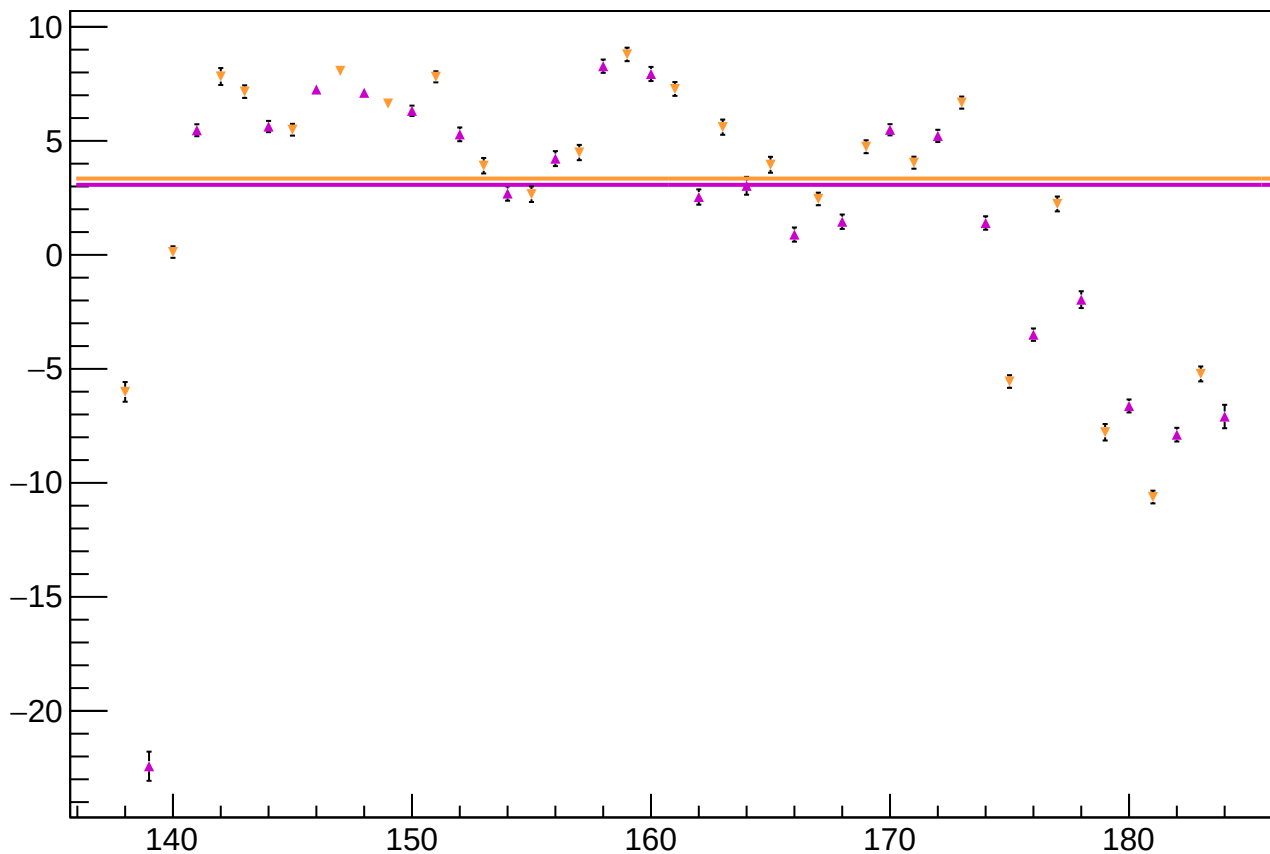
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.228+/-0.077 χ^2/NDF :14126.1/22

Out: 13.447+/-0.076 χ^2/NDF :16339.3/23

All: 13.338+/-0.054 χ^2/NDF : 30469.5/46

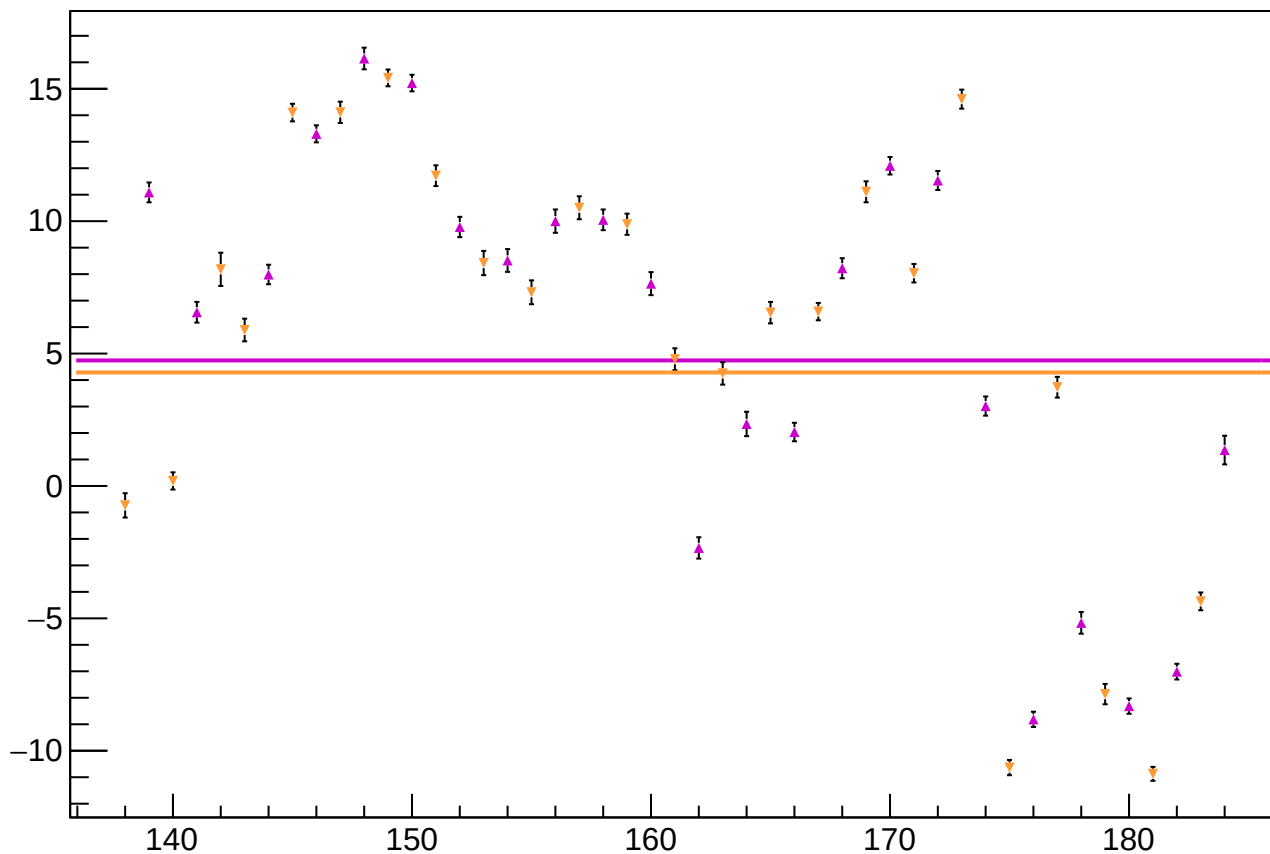
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.346 $\pm$ 0.059 χ^2 /NDF:8058.1/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.071 $\pm$ 0.060 χ^2 /NDF:7269.0/22

Left: 3.213 $\pm$ 0.042 χ^2 /NDF: 15337.8/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.071 $\pm$ 0.060 χ^2 /NDF:7269.0/22
 Out: 3.346 $\pm$ 0.059 χ^2 /NDF:8058.1/23
 All: 3.213 $\pm$ 0.042 χ^2 /NDF: 15337.8/46

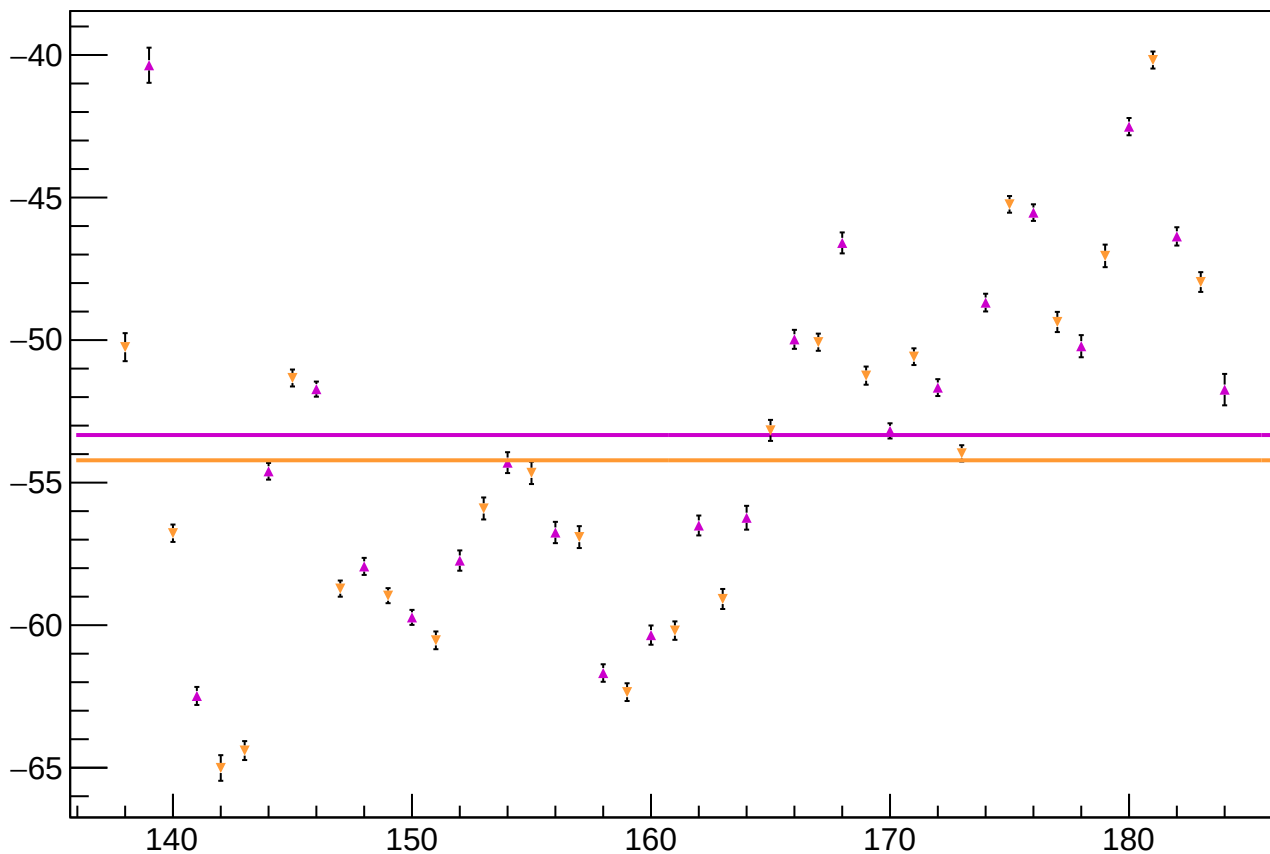
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 4.287 +/- 0.076 χ^2/NDF : 12884.8/23
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 4.741 +/- 0.076 χ^2/NDF : 11418.2/22

Left: 4.513 +/- 0.054 χ^2/NDF : 24320.8/46
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 4.741 +/- 0.076 χ^2/NDF : 11418.2/22
 Out: 4.287 +/- 0.076 χ^2/NDF : 12884.8/23
 All: 4.513 +/- 0.054 χ^2/NDF : 24320.8/46

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -54.217+/-0.067 χ^2/NDF : 8453.2/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -53.330+/-0.068 χ^2/NDF : 6940.2/22

Left: -53.782+/-0.048 χ^2/NDF : 15479.3/46

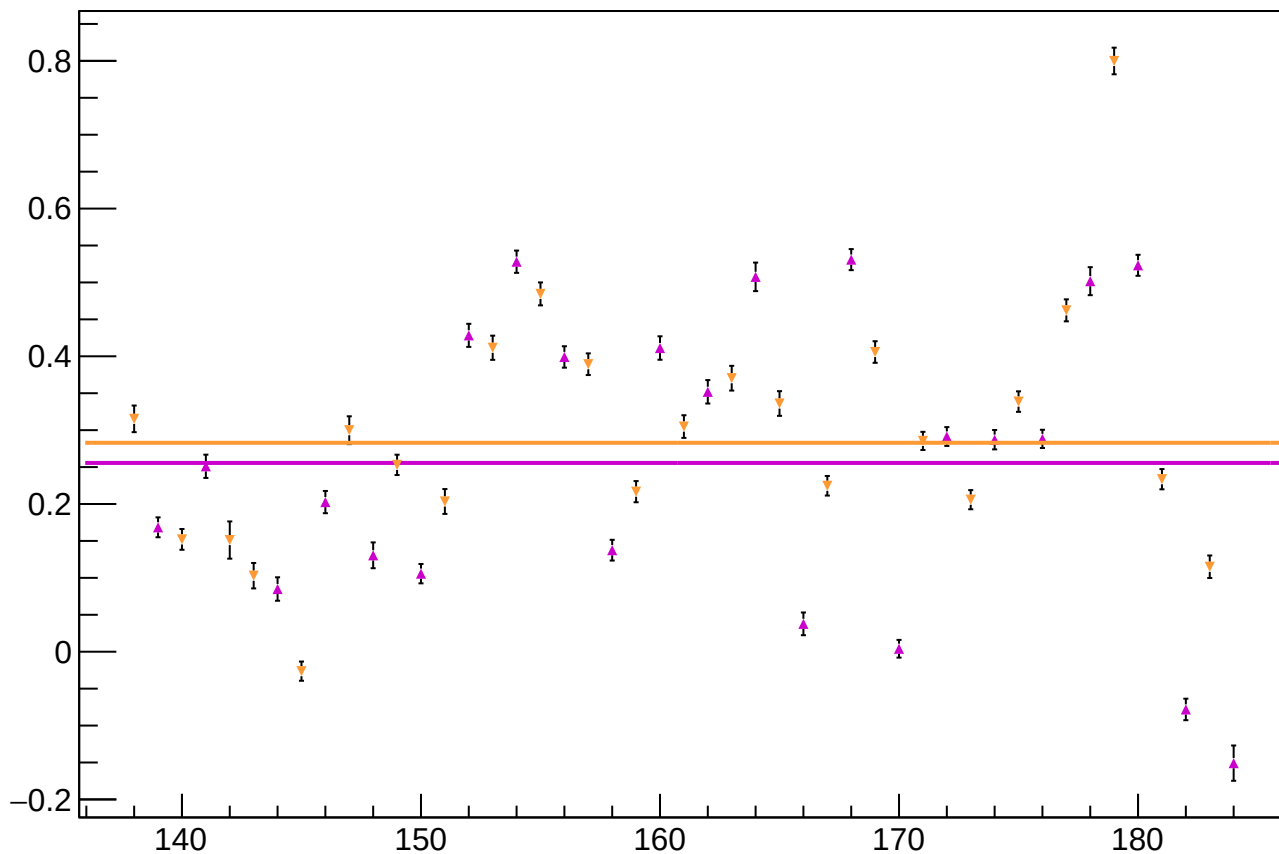
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.330+/-0.068 χ^2/NDF : 6940.2/22

Out: -54.217+/-0.067 χ^2/NDF : 8453.2/23

All: -53.782+/-0.048 χ^2/NDF : 15479.3/46

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.283 $\pm$ 0.003 χ^2 /NDF:2405.8/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22

Left: 0.269 $\pm$ 0.002 χ^2 /NDF: 6088.8/46

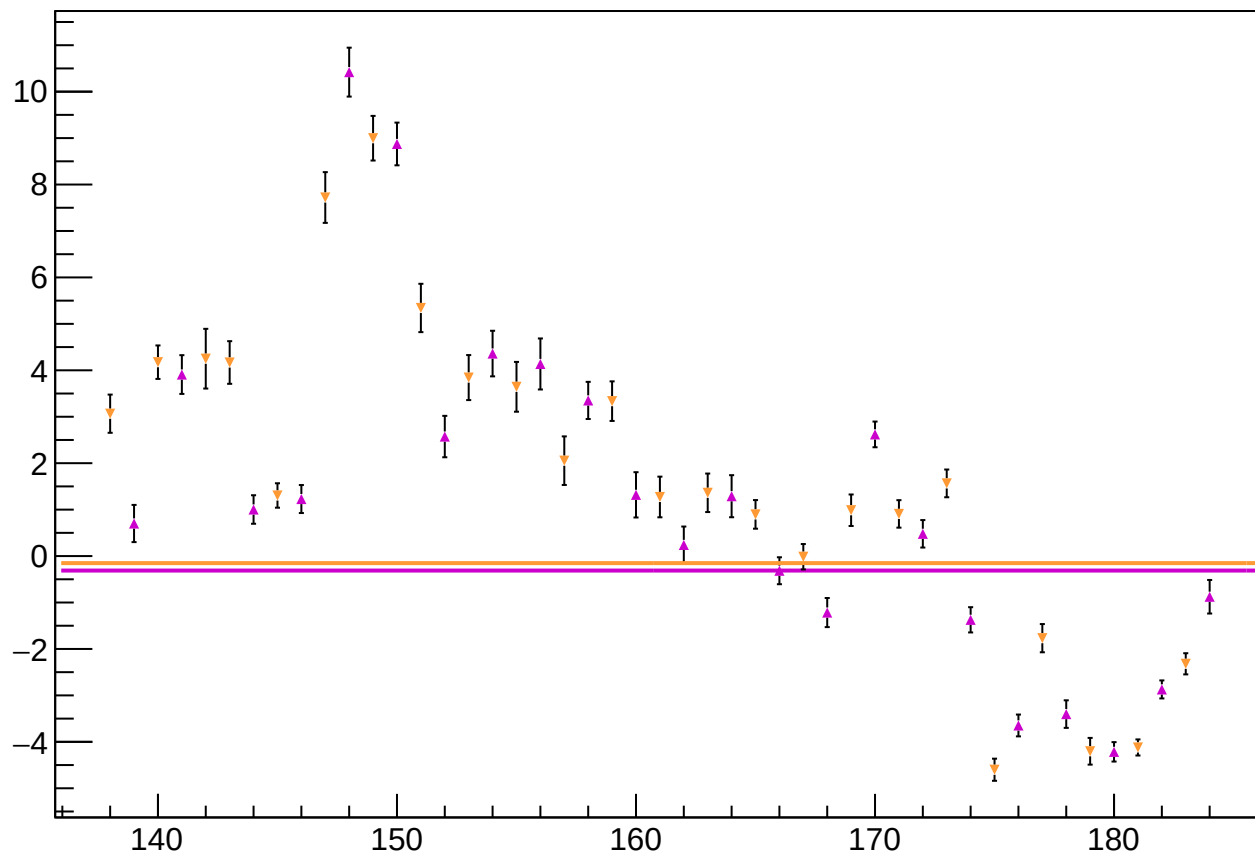
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22

Out: 0.283 $\pm$ 0.003 χ^2 /NDF:2405.8/23

All: 0.269 $\pm$ 0.002 χ^2 /NDF: 6088.8/46

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



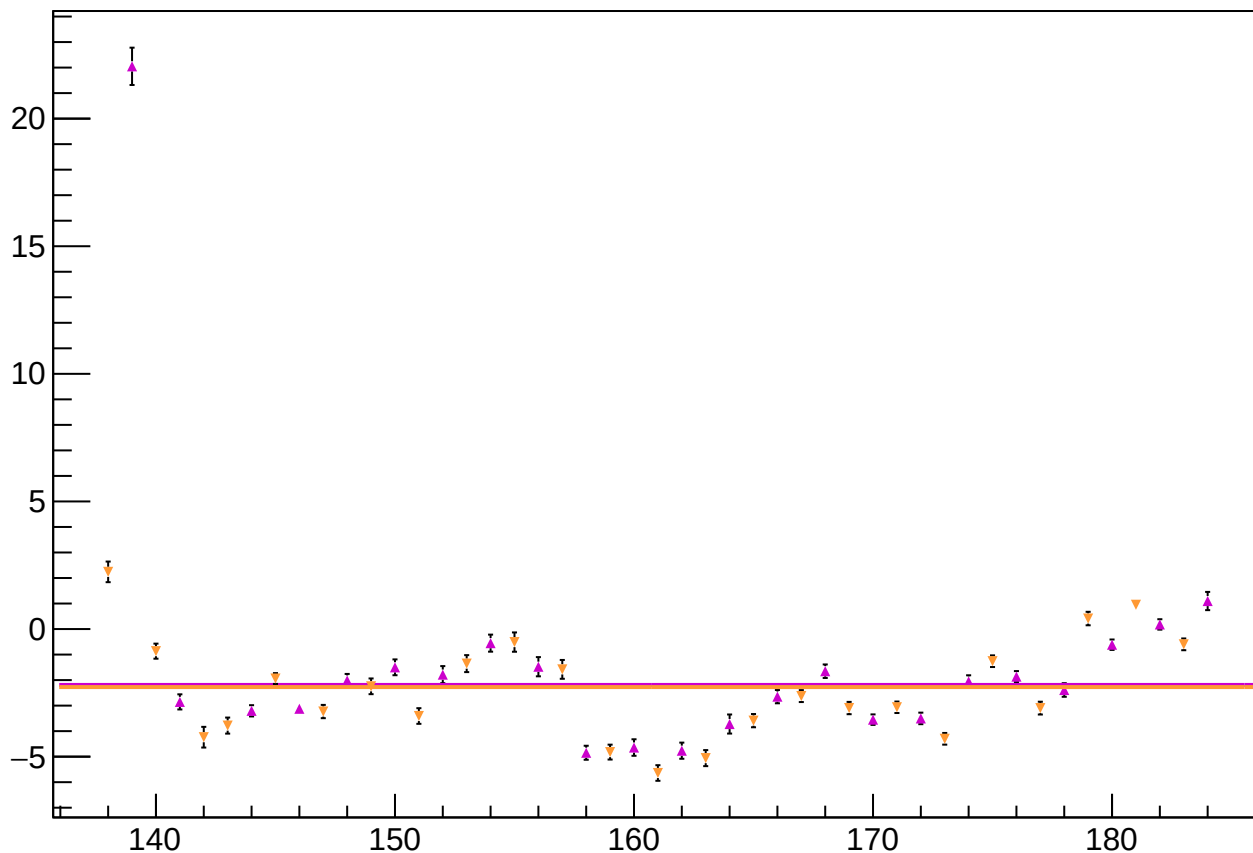
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.152 $\pm$ 0.067 χ^2 /NDF:2538.5/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.312 $\pm$ 0.067 χ^2 /NDF:2252.6/22

Left: -0.232 $\pm$ 0.047 χ^2 /NDF: 4794.0/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.312 $\pm$ 0.067 χ^2 /NDF:2252.6/22
 Out: -0.152 $\pm$ 0.067 χ^2 /NDF:2538.5/23

All: -0.232 $\pm$ 0.047 χ^2 /NDF: 4794.0/46

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.274+/-0.055 χ^2/NDF :1134.9/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.190+/-0.055 χ^2/NDF :1785.1/22

Left: -2.232+/-0.039 χ^2/NDF : 2921.2/46

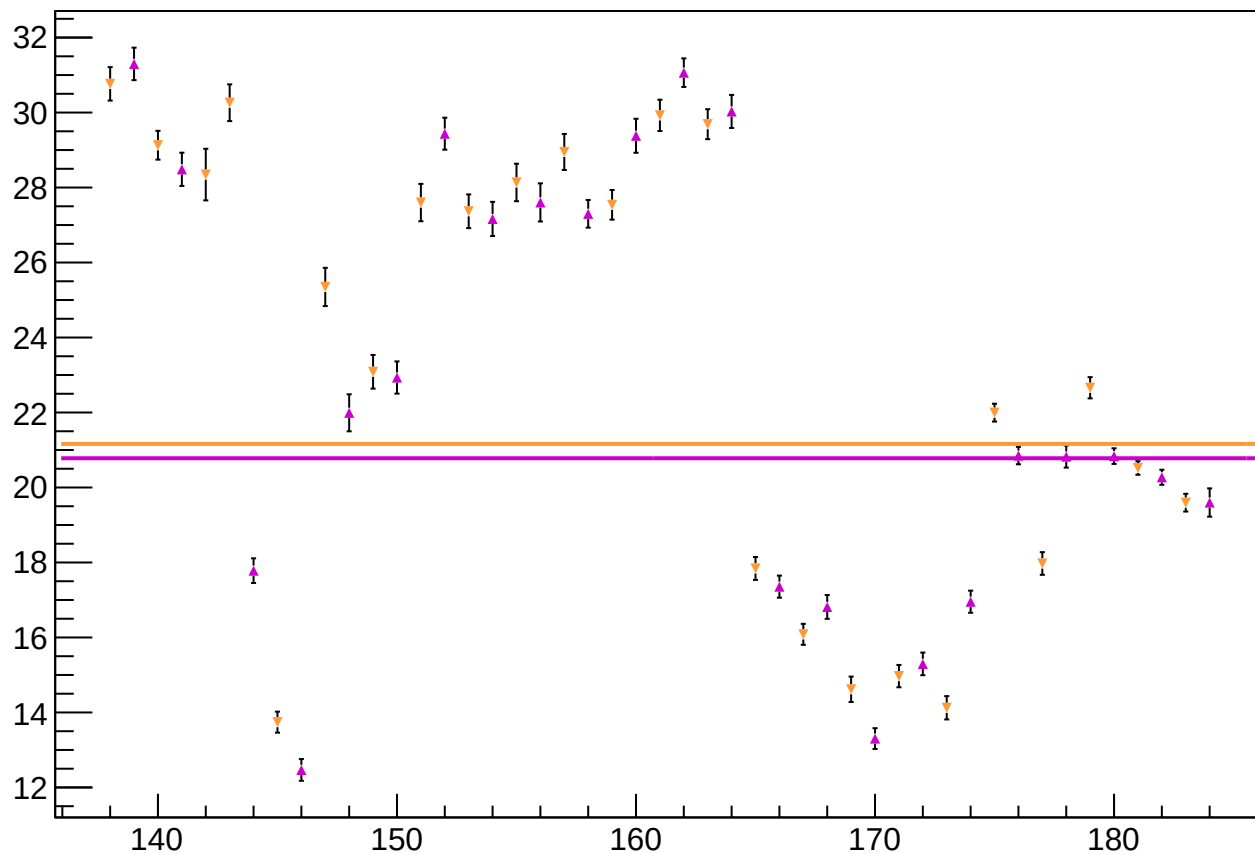
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.190+/-0.055 χ^2/NDF :1785.1/22

Out: -2.274+/-0.055 χ^2/NDF :1134.9/23

All: -2.232+/-0.039 χ^2/NDF : 2921.2/46

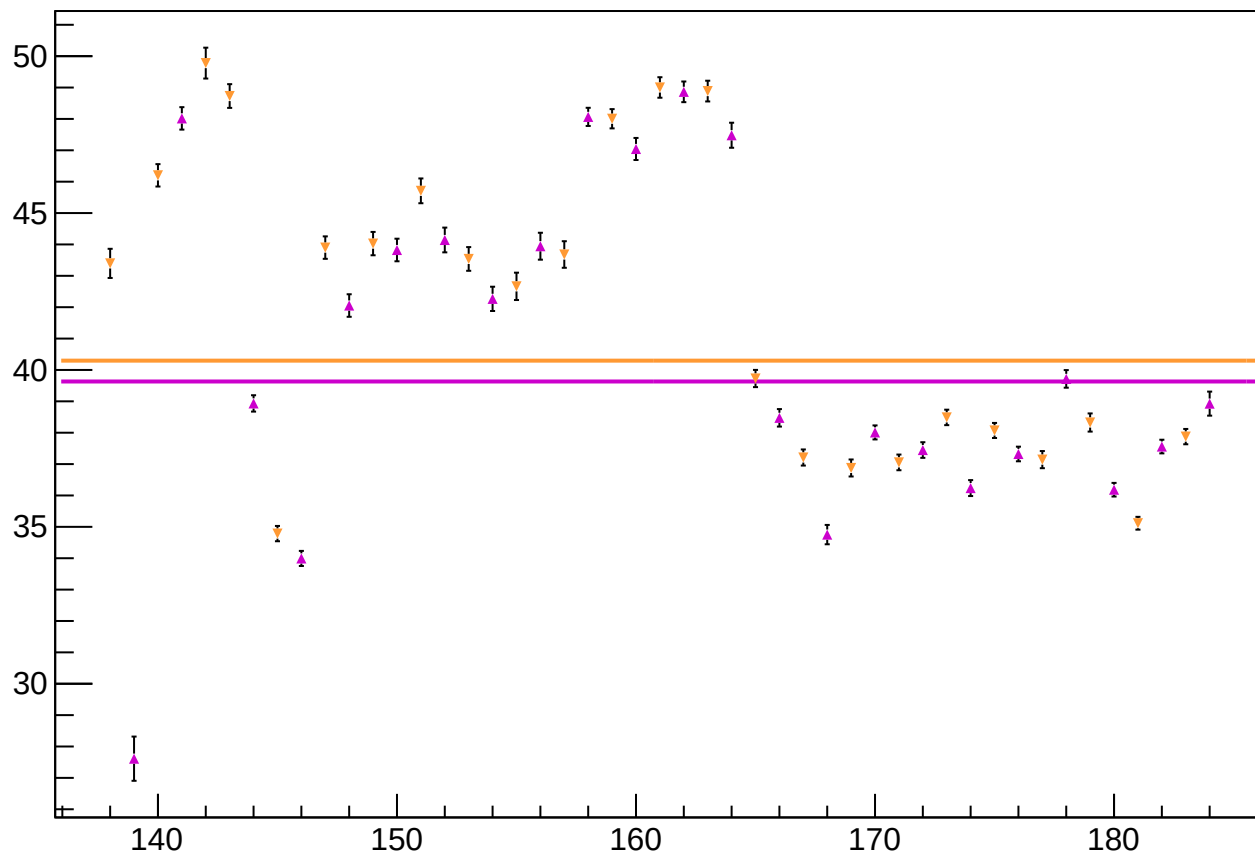
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.162+/-0.068 χ^2/NDF :6075.5/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.780+/-0.067 χ^2/NDF :5988.0/22

Left: 20.970+/-0.048 χ^2/NDF : 12079.6/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.780+/-0.067 χ^2/NDF :5988.0/22
 Out: 21.162+/-0.068 χ^2/NDF :6075.5/23
 All: 20.970+/-0.048 χ^2/NDF : 12079.6/46

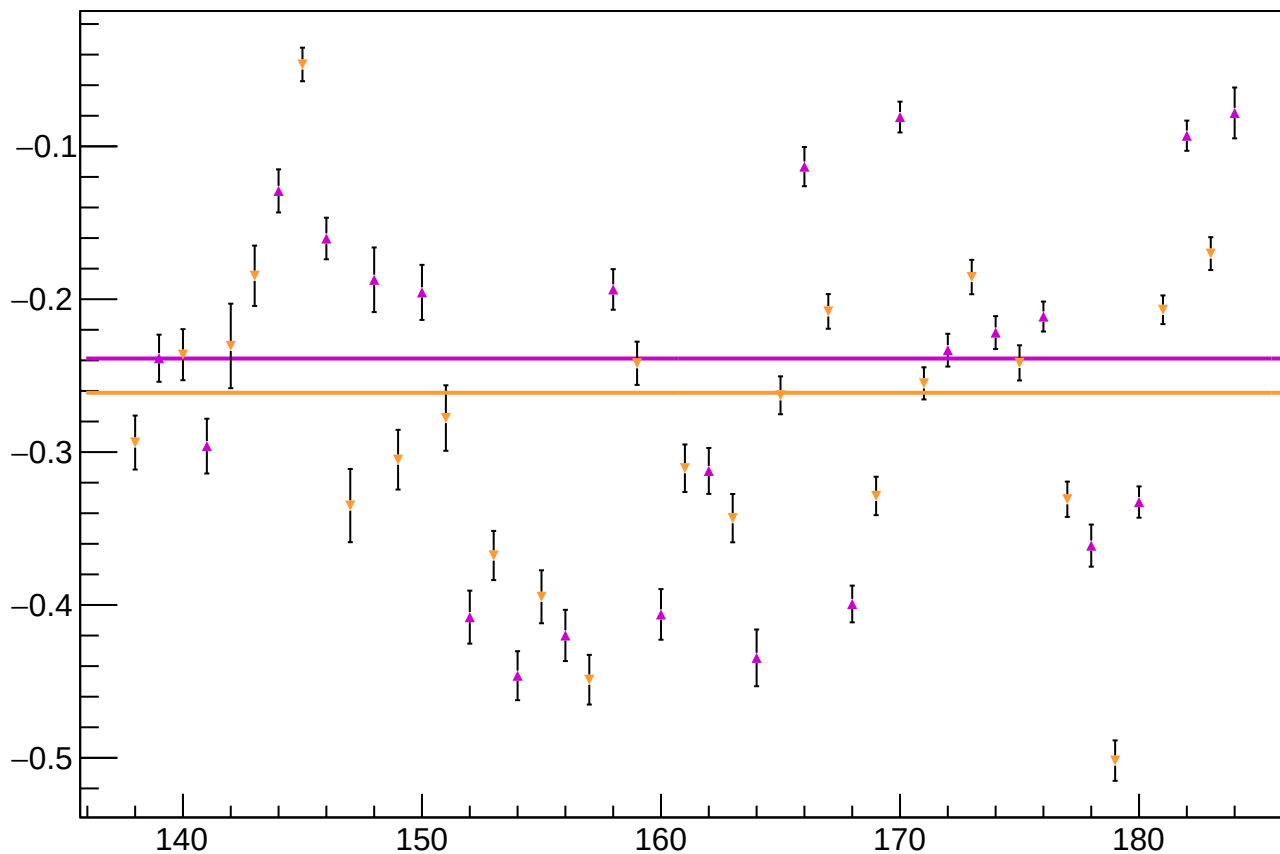
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 40.297 $\pm$ 0.061 χ^2 /NDF:5809.5/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 39.632 $\pm$ 0.061 χ^2 /NDF:5343.3/22

Left: 39.965 $\pm$ 0.043 χ^2 /NDF: 11211.6/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 39.632 $\pm$ 0.061 χ^2 /NDF:5343.3/22
 Out: 40.297 $\pm$ 0.061 χ^2 /NDF:5809.5/23
 All: 39.965 $\pm$ 0.043 χ^2 /NDF: 11211.6/46

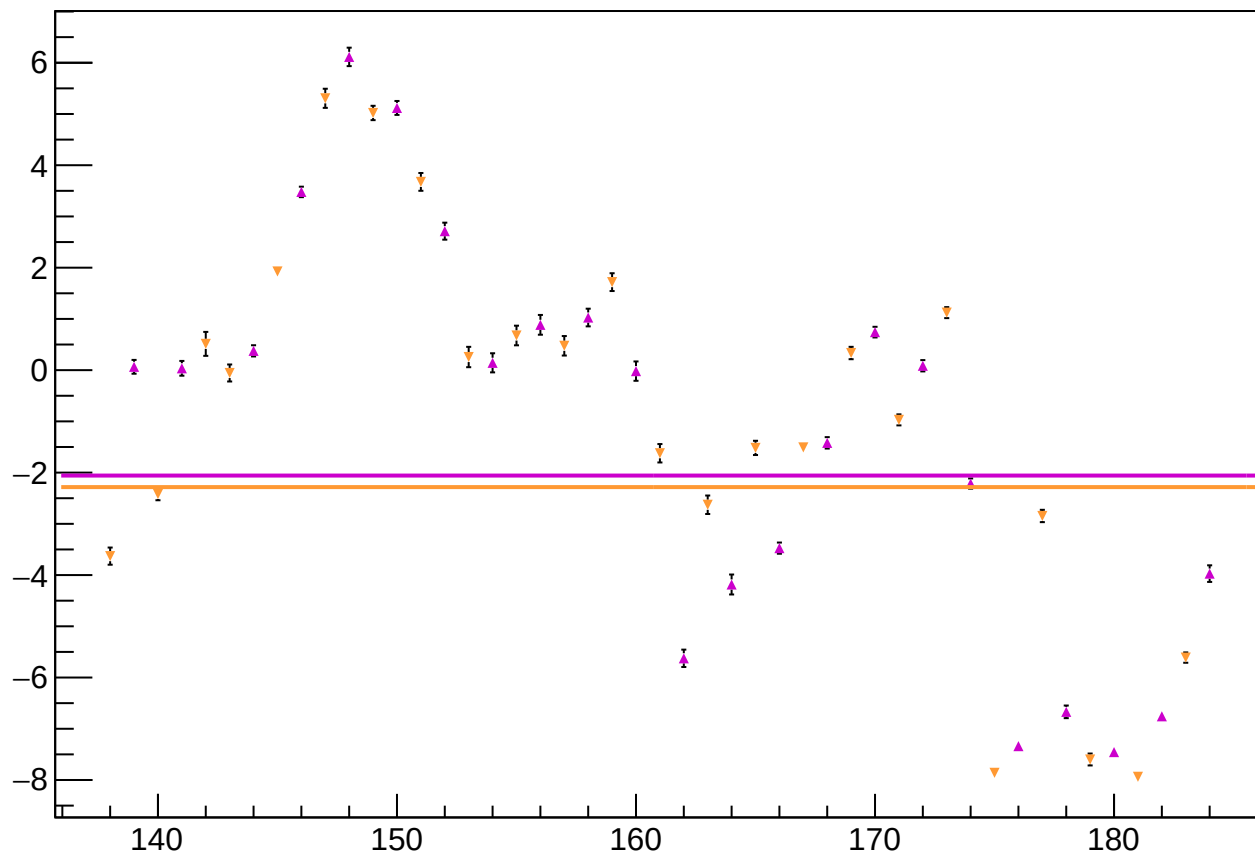
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.261 ± 0.003 χ^2/NDF : 1267.5/23
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -0.239 ± 0.003 χ^2/NDF : 1750.0/22

Left: -0.250 ± 0.002 χ^2/NDF : 3049.8/46
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -0.239 ± 0.003 χ^2/NDF : 1750.0/22
 Out: -0.261 ± 0.003 χ^2/NDF : 1267.5/23
 All: -0.250 ± 0.002 χ^2/NDF : 3049.8/46

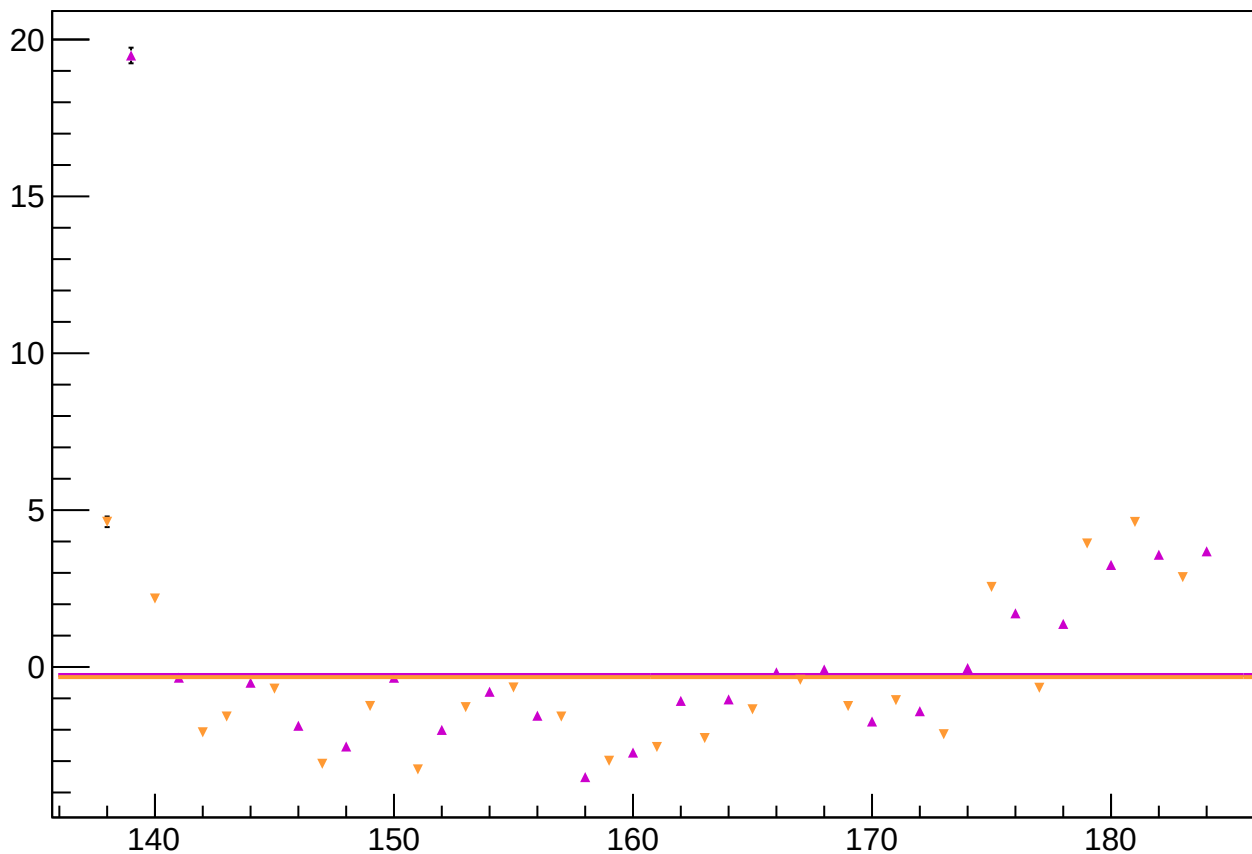
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.283+/-0.026 χ^2/NDF : 23302.6/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.058+/-0.026 χ^2/NDF : 23343.8/22

Left: -2.170+/-0.018 χ^2/NDF : 46684.1/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.058+/-0.026 χ^2/NDF : 23343.8/22
 Out: -2.283+/-0.026 χ^2/NDF : 23302.6/23
 All: -2.170+/-0.018 χ^2/NDF : 46684.1/46

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



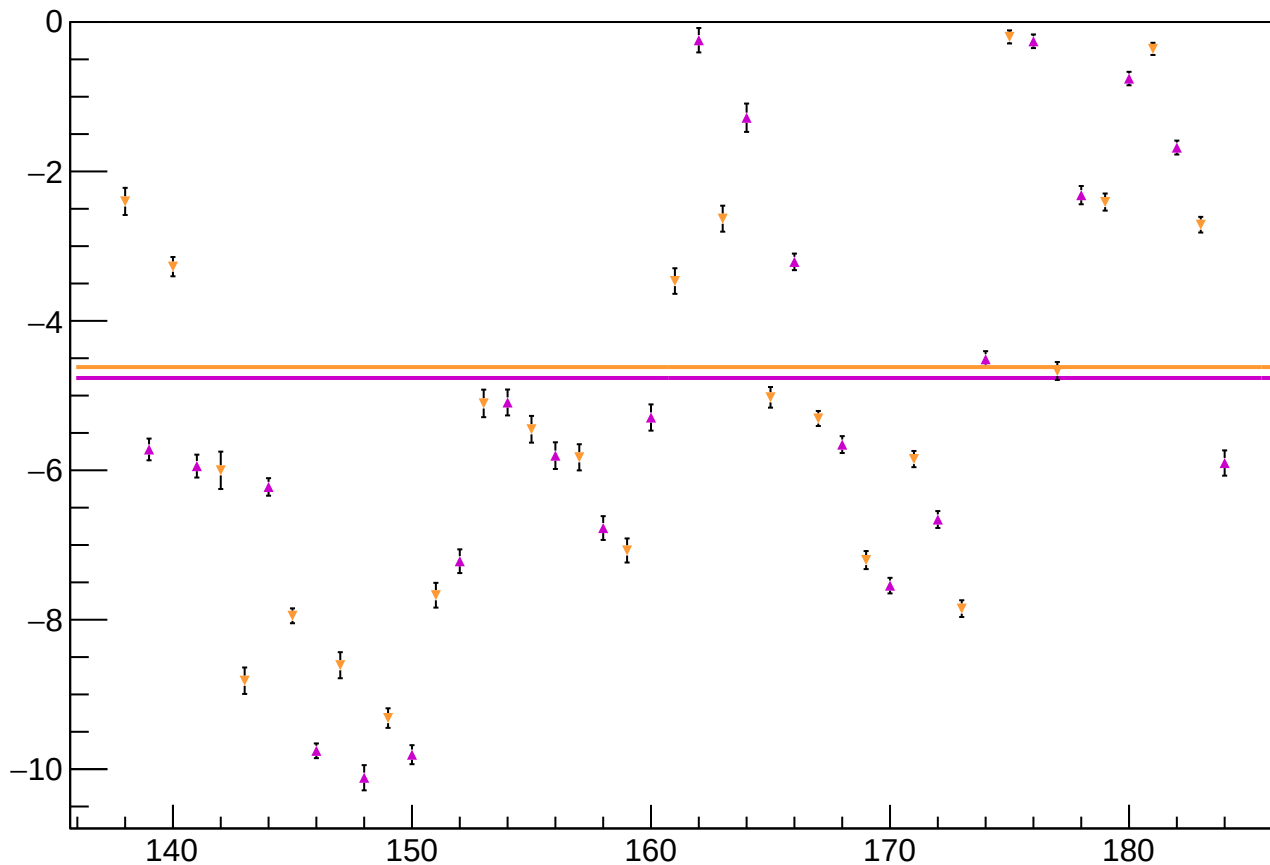
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.323+/-0.021 χ^2/NDF :12576.8/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.255+/-0.021 χ^2/NDF :14162.0/22

Left: -0.289+/-0.015 χ^2/NDF : 26744.2/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.255+/-0.021 χ^2/NDF :14162.0/22
 Out: -0.323+/-0.021 χ^2/NDF :12576.8/23

All: -0.289+/-0.015 χ^2/NDF : 26744.2/46

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



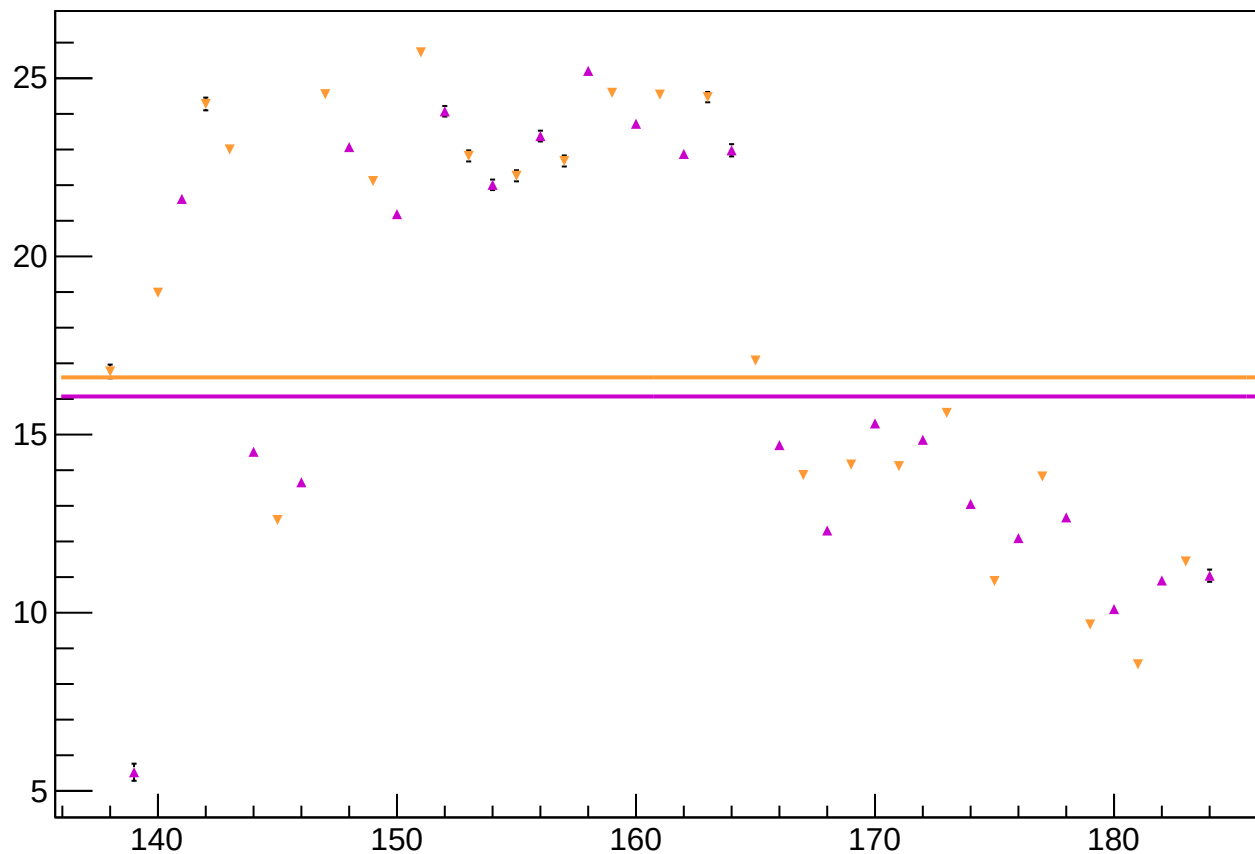
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -4.619 $\pm$ 0.026 χ^2 /NDF:12072.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.764 $\pm$ 0.026 χ^2 /NDF:14163.2/22

Left: -4.692 $\pm$ 0.018 χ^2 /NDF: 26251.1/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -4.764 $\pm$ 0.026 χ^2 /NDF:14163.2/22
 Out: -4.619 $\pm$ 0.026 χ^2 /NDF:12072.2/23

All: -4.692 $\pm$ 0.018 χ^2 /NDF: 26251.1/46

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: 16.605+/-0.023 χ^2/NDF :53683.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.069+/-0.023 χ^2/NDF :42736.3/22

Left: 16.338+/-0.017 χ^2/NDF : 96681.2/46

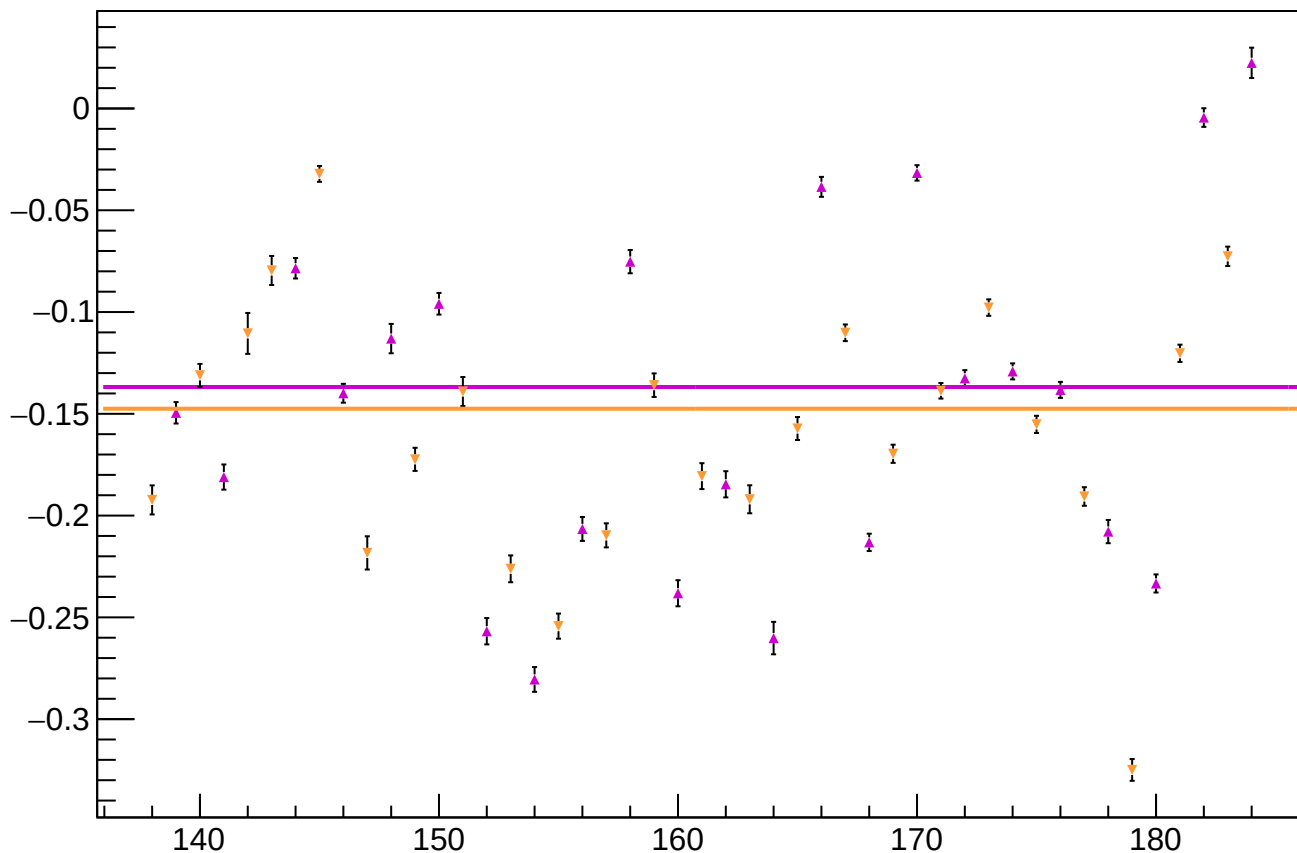
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.069+/-0.023 χ^2/NDF :42736.3/22

Out: 16.605+/-0.023 χ^2/NDF :53683.0/23

All: 16.338+/-0.017 χ^2/NDF : 96681.2/46

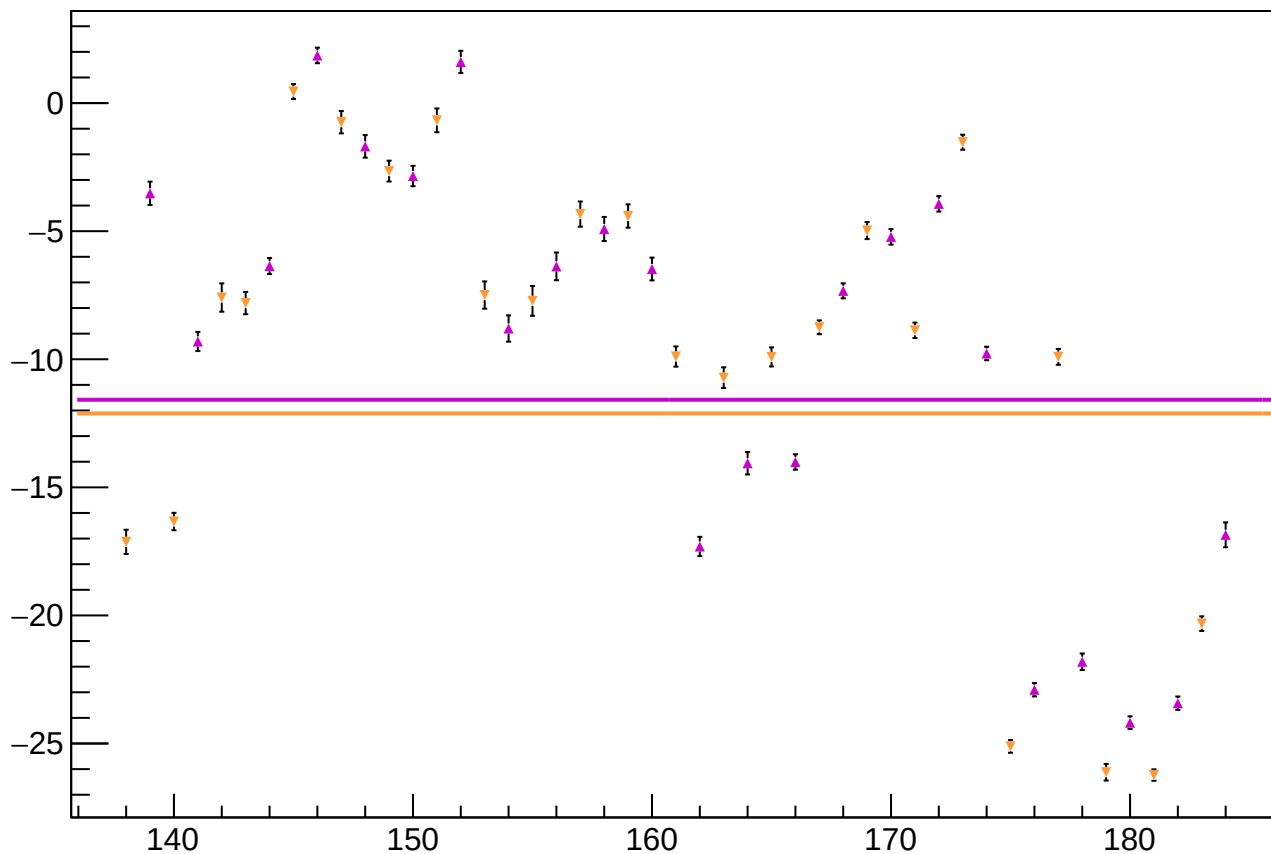
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.147 $\pm$ 0.001 χ^2 /NDF:3496.3/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.137 $\pm$ 0.001 χ^2 /NDF:5383.4/22

Left: -0.142 $\pm$ 0.001 χ^2 /NDF: 8929.7/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.137 $\pm$ 0.001 χ^2 /NDF:5383.4/22
 Out: -0.147 $\pm$ 0.001 χ^2 /NDF:3496.3/23
 All: -0.142 $\pm$ 0.001 χ^2 /NDF: 8929.7/46

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: -12.115 $\pm$ 0.071 χ^2 /NDF:16366.2/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -11.580 $\pm$ 0.071 χ^2 /NDF:14243.6/22

Left: -11.848 $\pm$ 0.050 χ^2 /NDF: 30638.1/46

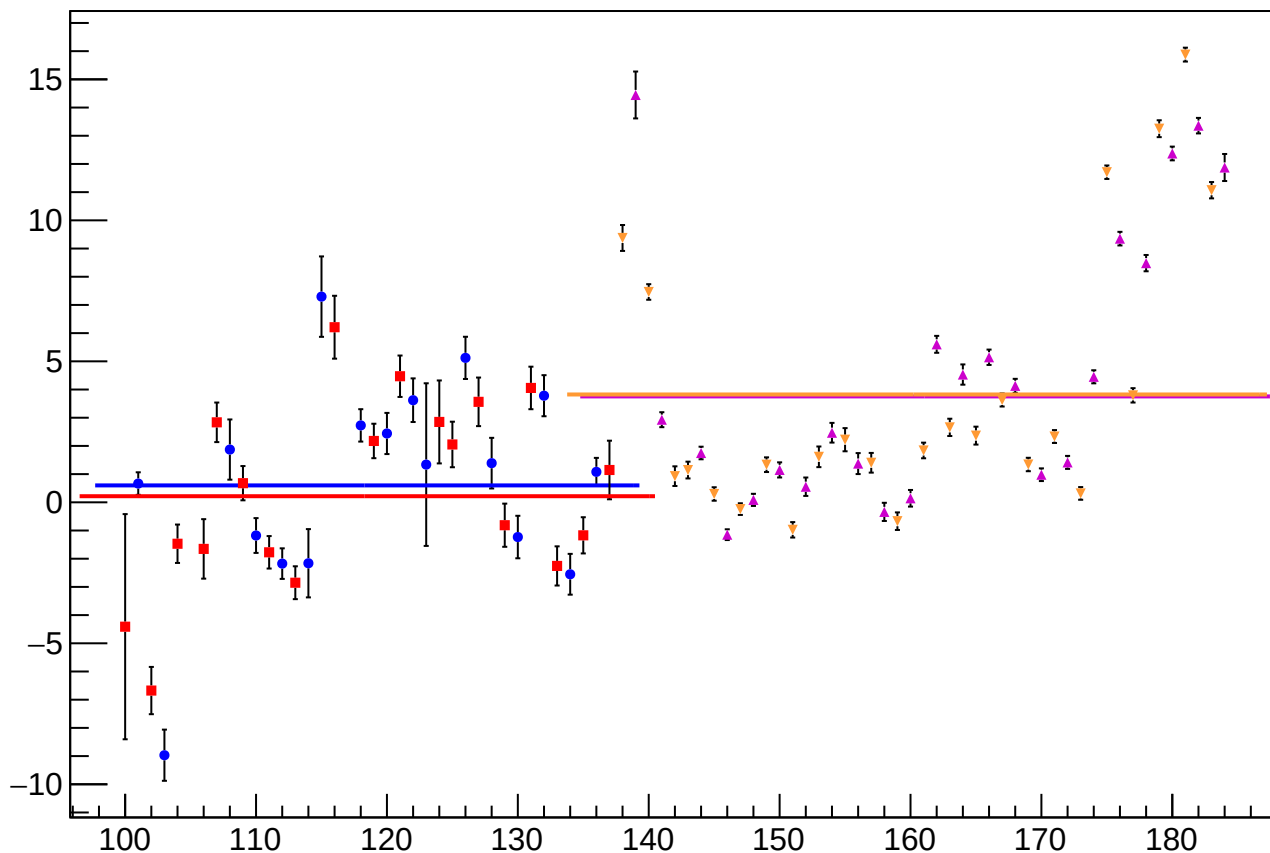
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -11.580 $\pm$ 0.071 χ^2 /NDF:14243.6/22

Out: -12.115 $\pm$ 0.071 χ^2 /NDF:16366.2/23

All: -11.848 $\pm$ 0.050 χ^2 /NDF: 30638.1/46

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: 3.824 ± 0.056 χ^2/NDF : 7363.4/23

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 3.755 ± 0.056 χ^2/NDF : 5655.2/22

Left: 3.790 ± 0.040 χ^2/NDF : 13019.3/46

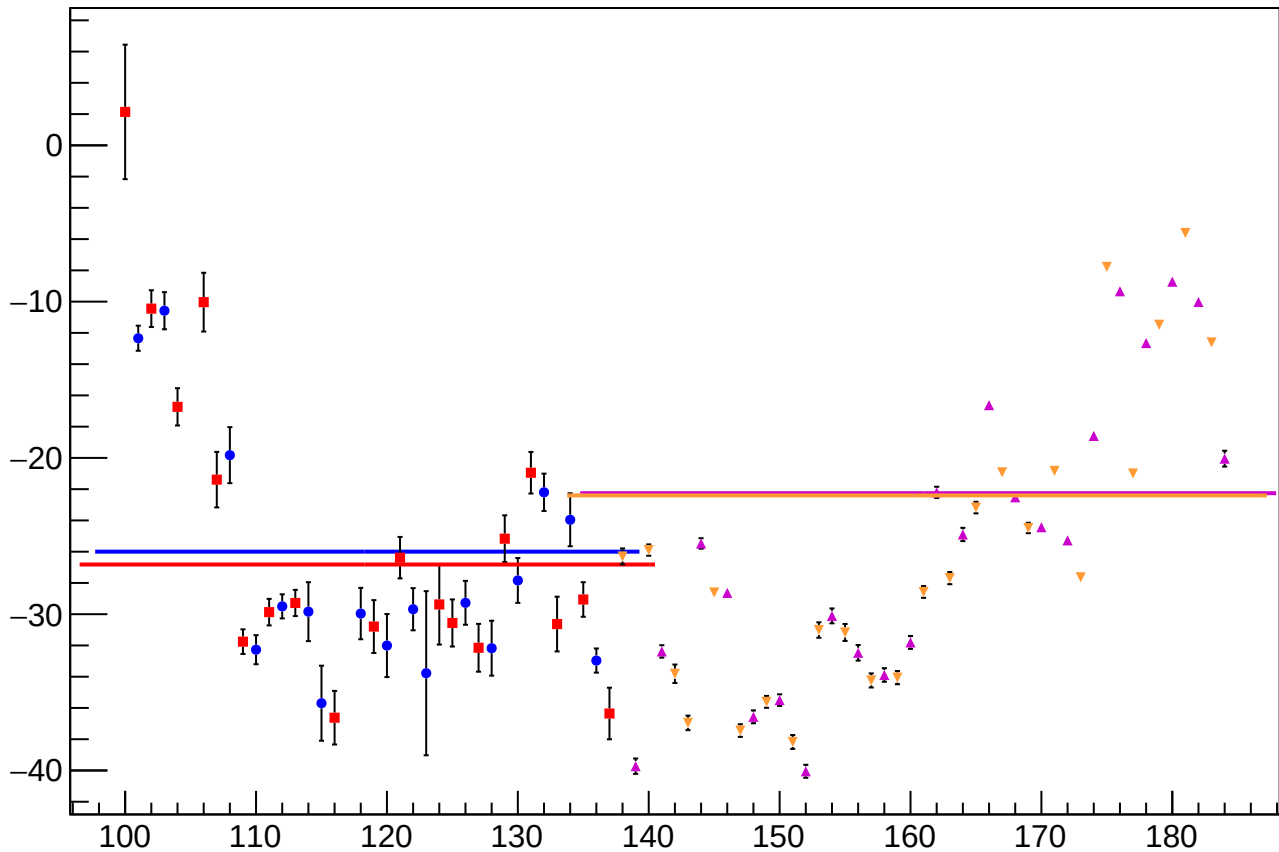
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 3.440 ± 0.054 χ^2/NDF : 6260.0/39

Out: 3.488 ± 0.053 χ^2/NDF : 8025.2/42

All: 3.464 ± 0.038 χ^2/NDF : 14285.6/82

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -22.400 ± 0.071 χ^2/NDF : 19551.3/23

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -22.258 ± 0.071 χ^2/NDF : 17838.4/22

Left: -22.329 ± 0.050 χ^2/NDF : 37391.6/46

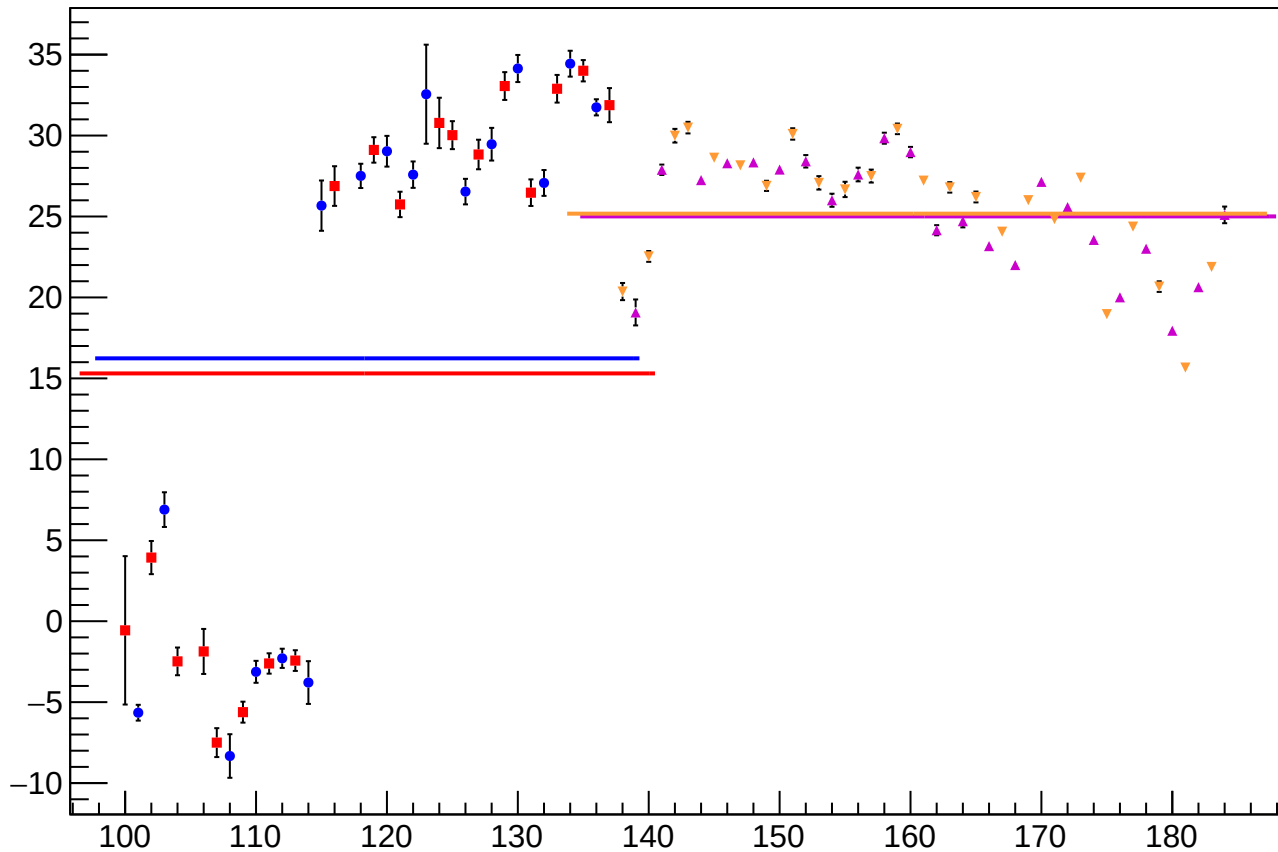
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -22.458 ± 0.069 χ^2/NDF : 18678.0/39

Out: -22.640 ± 0.069 χ^2/NDF : 20341.0/42

All: -22.549 ± 0.049 χ^2/NDF : 39022.4/82

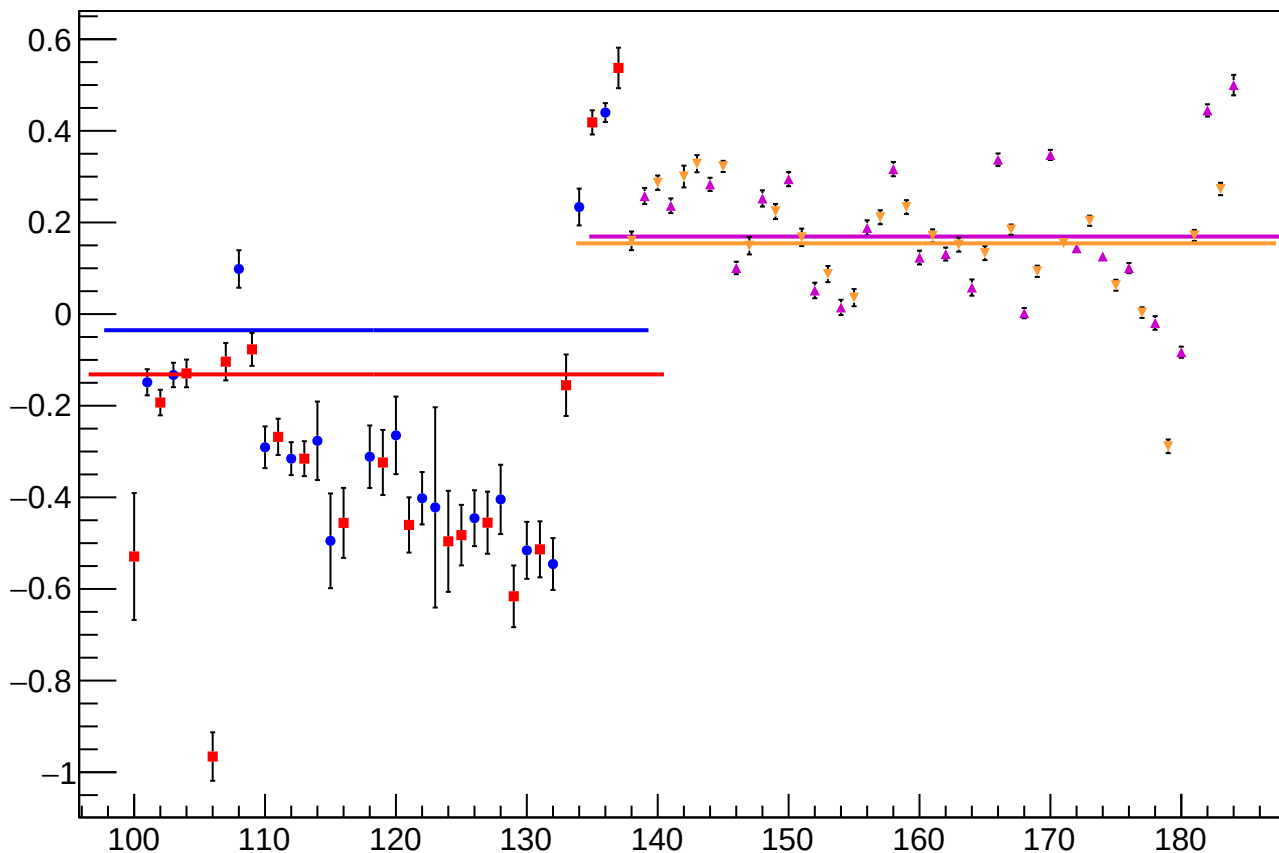
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16
 Left Out: 25.175 $\pm$ 0.063 χ^2 /NDF:3729.6/23
 Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18
 Left In: 25.005 $\pm$ 0.064 χ^2 /NDF:2733.7/22

Left: 25.091 $\pm$ 0.045 χ^2 /NDF: 6466.8/46
 Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35
 In: 24.133 $\pm$ 0.060 χ^2 /NDF:12203.6/39
 Out: 24.255 $\pm$ 0.060 χ^2 /NDF:13277.8/42
 All: 24.194 $\pm$ 0.043 χ^2 /NDF: 25483.4/82

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.154 ± 0.003 χ^2/NDF : 1744.7/23

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

Left: 0.162 ± 0.002 χ^2/NDF : 4188.3/46

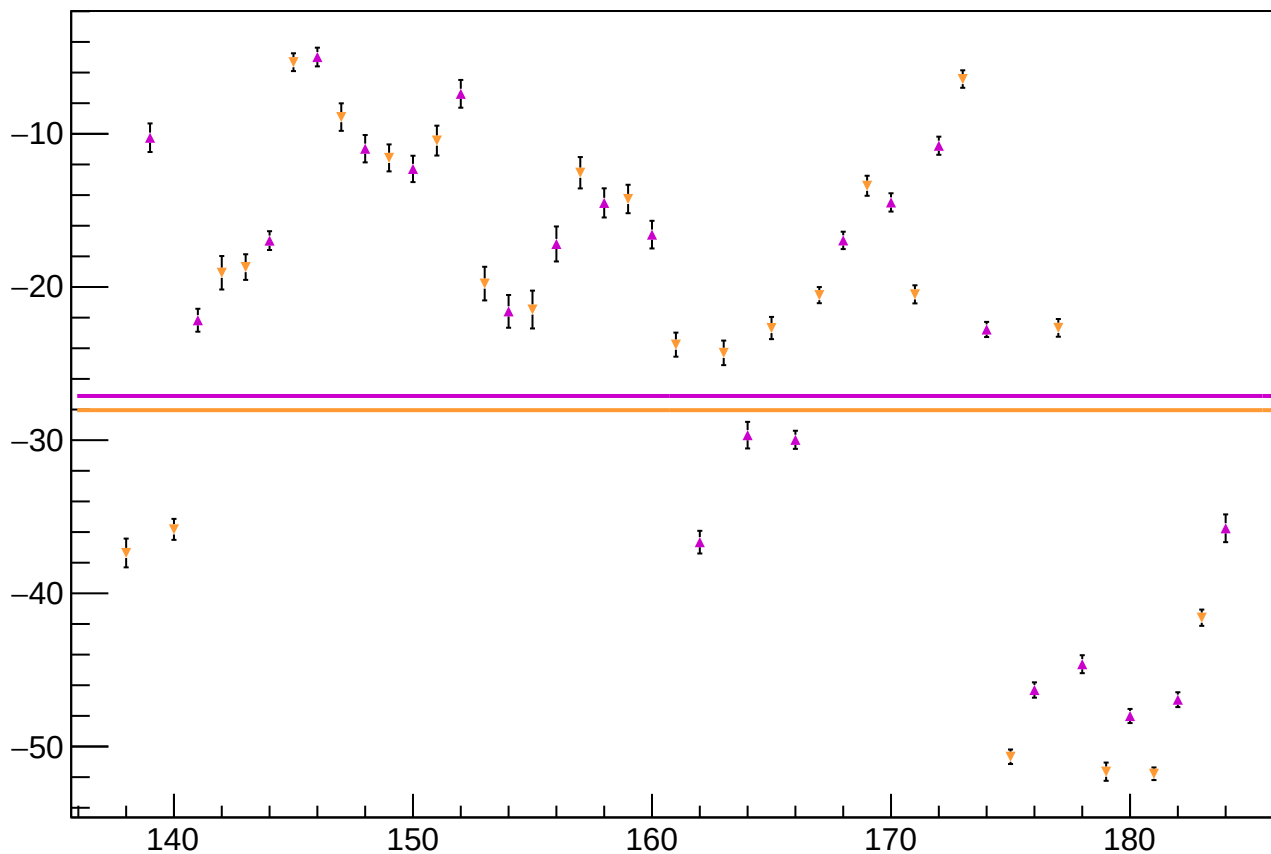
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.154 ± 0.003 χ^2/NDF : 3807.7/39

Out: 0.134 ± 0.003 χ^2/NDF : 3621.3/42

All: 0.144 ± 0.002 χ^2/NDF : 7456.1/82

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -28.041+/-0.138 χ^2/NDF :13905.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.114+/-0.139 χ^2/NDF :11443.8/22

Left: -27.579+/-0.098 χ^2/NDF : 25371.7/46

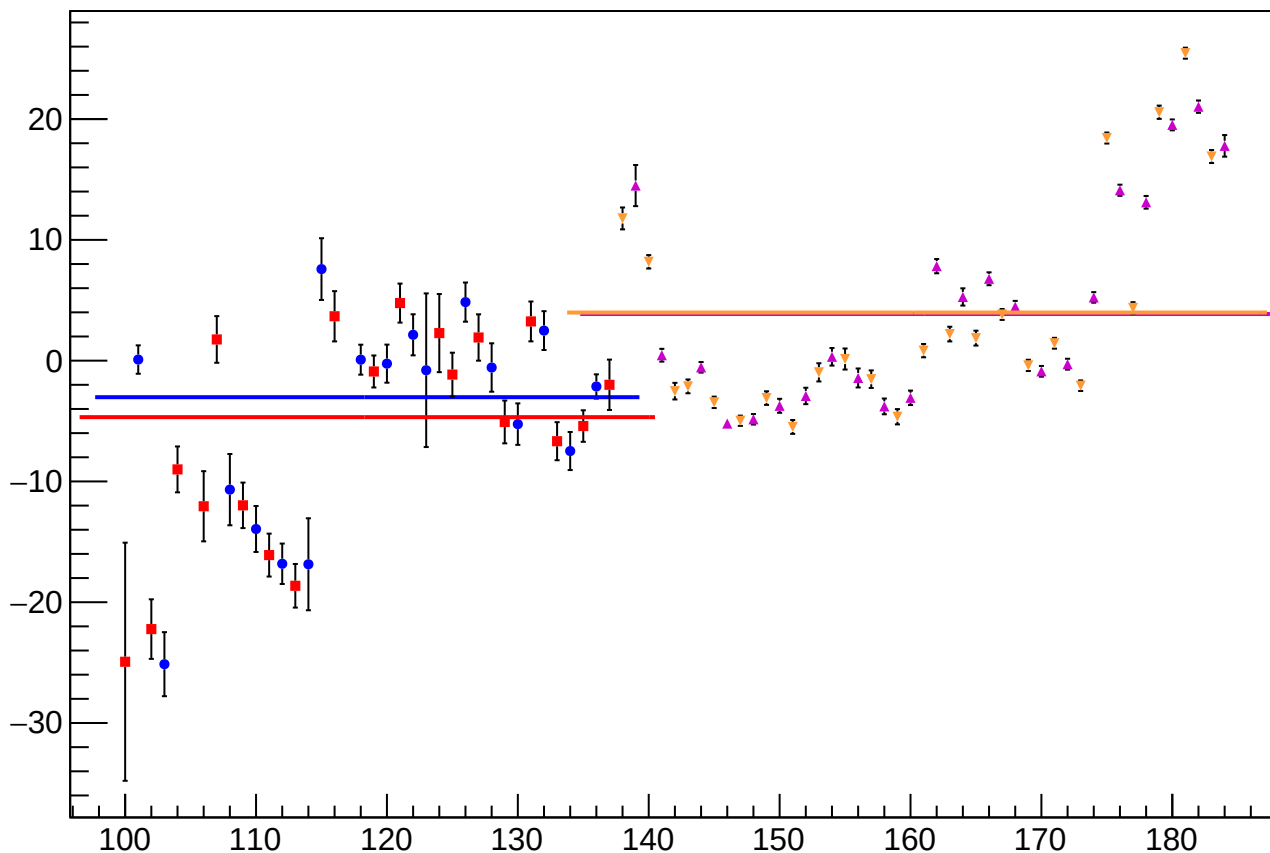
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.114+/-0.139 χ^2/NDF :11443.8/22

Out: -28.041+/-0.138 χ^2/NDF :13905.6/23

All: -27.579+/-0.098 χ^2/NDF : 25371.7/46

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 3.985 ± 0.110 χ^2/NDF : 6846.0/23

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: 3.861 ± 0.111 χ^2/NDF : 5438.4/22

Left: 3.923 ± 0.078 χ^2/NDF : 12285.1/46

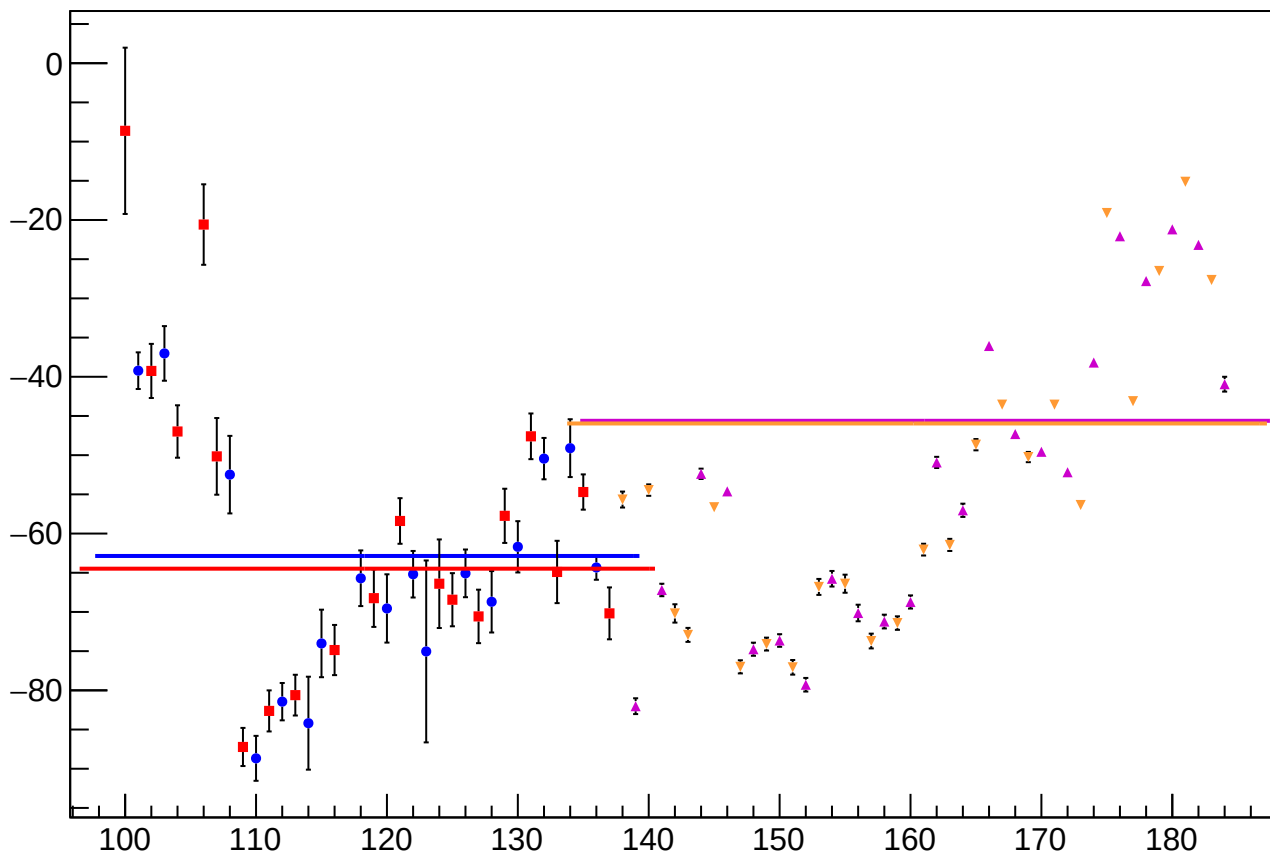
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: 3.388 ± 0.107 χ^2/NDF : 5984.3/39

Out: 3.442 ± 0.107 χ^2/NDF : 7532.4/42

All: 3.415 ± 0.076 χ^2/NDF : 13516.8/82

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -45.958 ± 0.139 $\chi^2/\text{NDF}: 19825.8/23$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -45.616 ± 0.139 $\chi^2/\text{NDF}: 17743.8/22$

Left: -45.787 ± 0.098 $\chi^2/\text{NDF}: 37572.6/46$

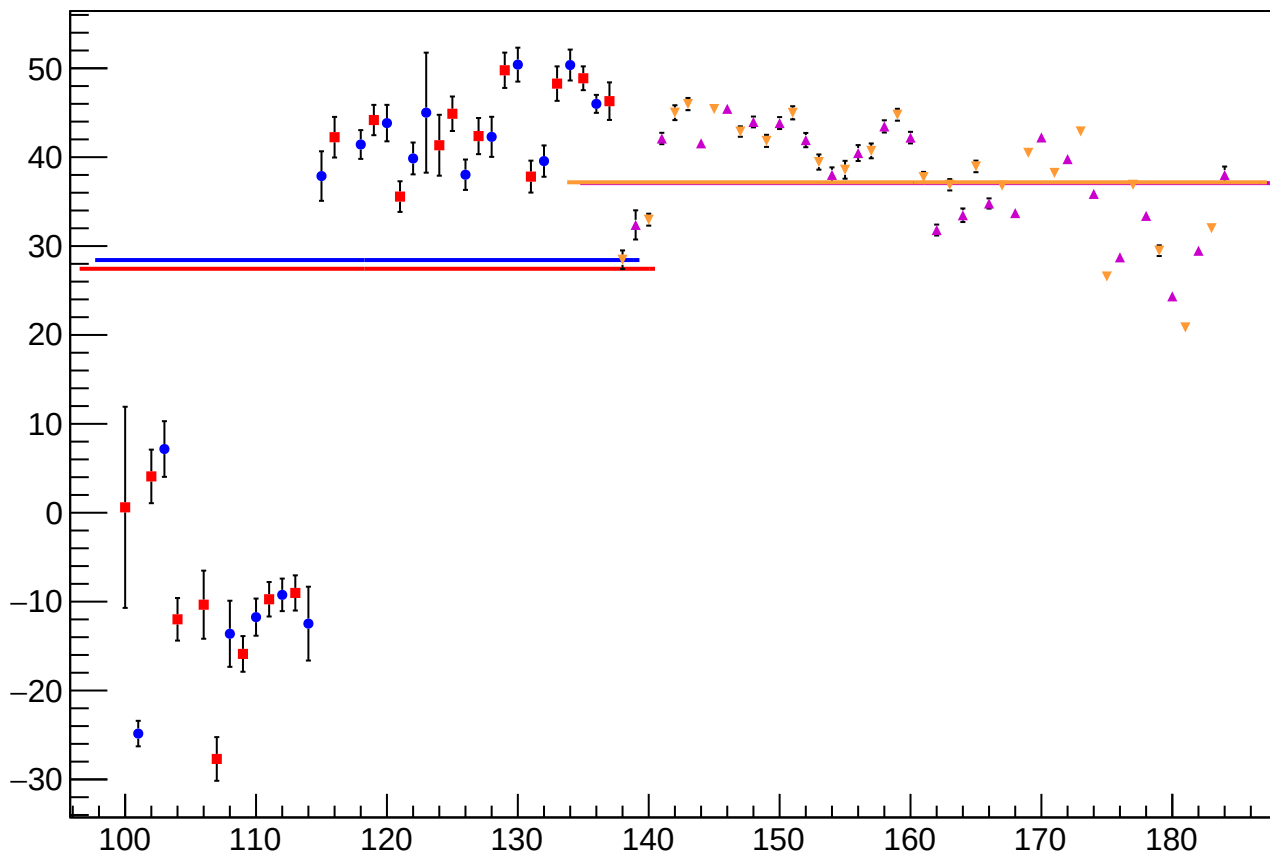
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -46.207 ± 0.137 $\chi^2/\text{NDF}: 18637.2/39$

Out: -46.574 ± 0.137 $\chi^2/\text{NDF}: 20857.8/42$

All: -46.390 ± 0.097 $\chi^2/\text{NDF}: 39498.6/82$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 37.173 $\pm$ 0.124 χ^2 /NDF:3058.6/23

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 37.079 $\pm$ 0.125 χ^2 /NDF:2405.4/22

Left: 37.126 $\pm$ 0.088 χ^2 /NDF: 5464.2/46

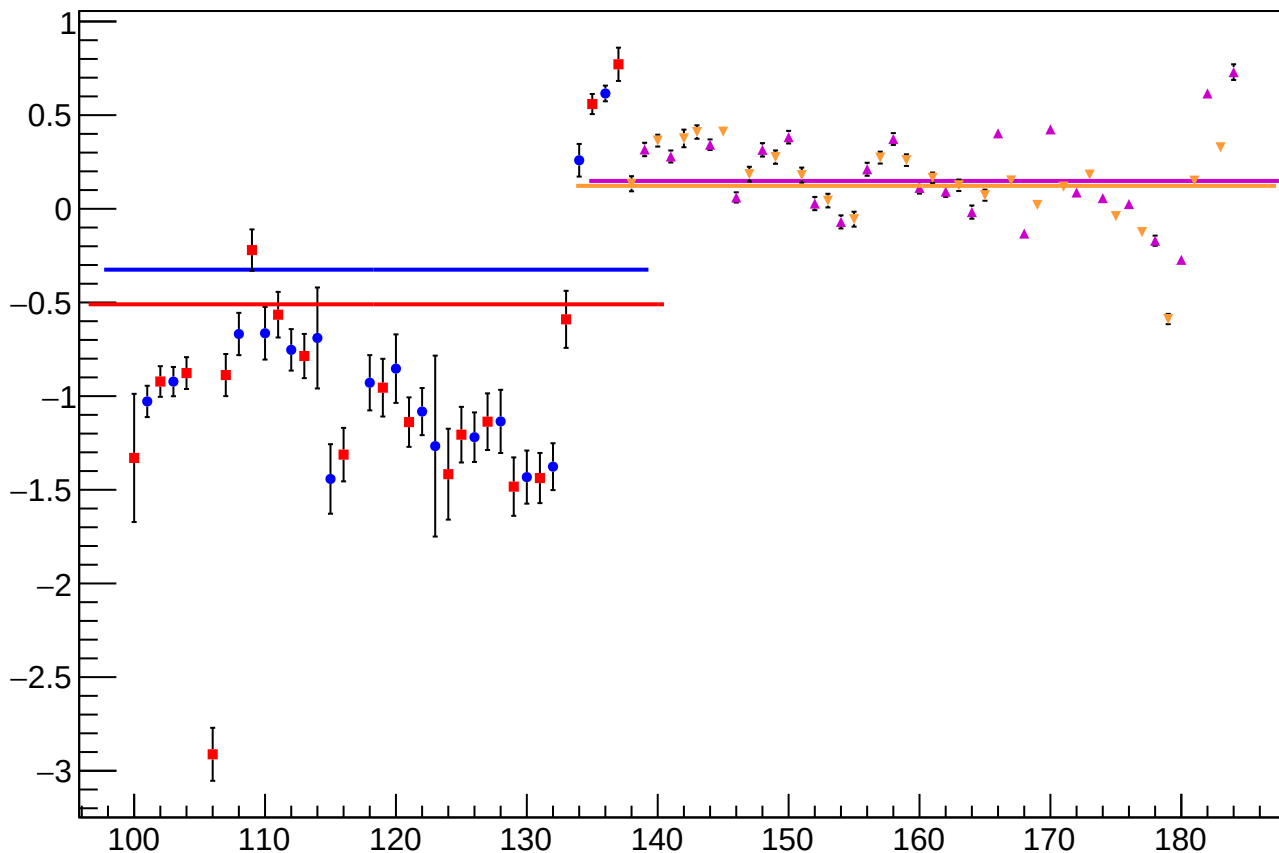
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 36.482 $\pm$ 0.120 χ^2 /NDF:6060.4/39

Out: 36.560 $\pm$ 0.120 χ^2 /NDF:6479.6/42

All: 36.521 $\pm$ 0.085 χ^2 /NDF: 12540.2/82

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.122 ± 0.006 χ^2/NDF : 1337.8/23

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

Left: 0.136 ± 0.004 χ^2/NDF : 3162.0/46

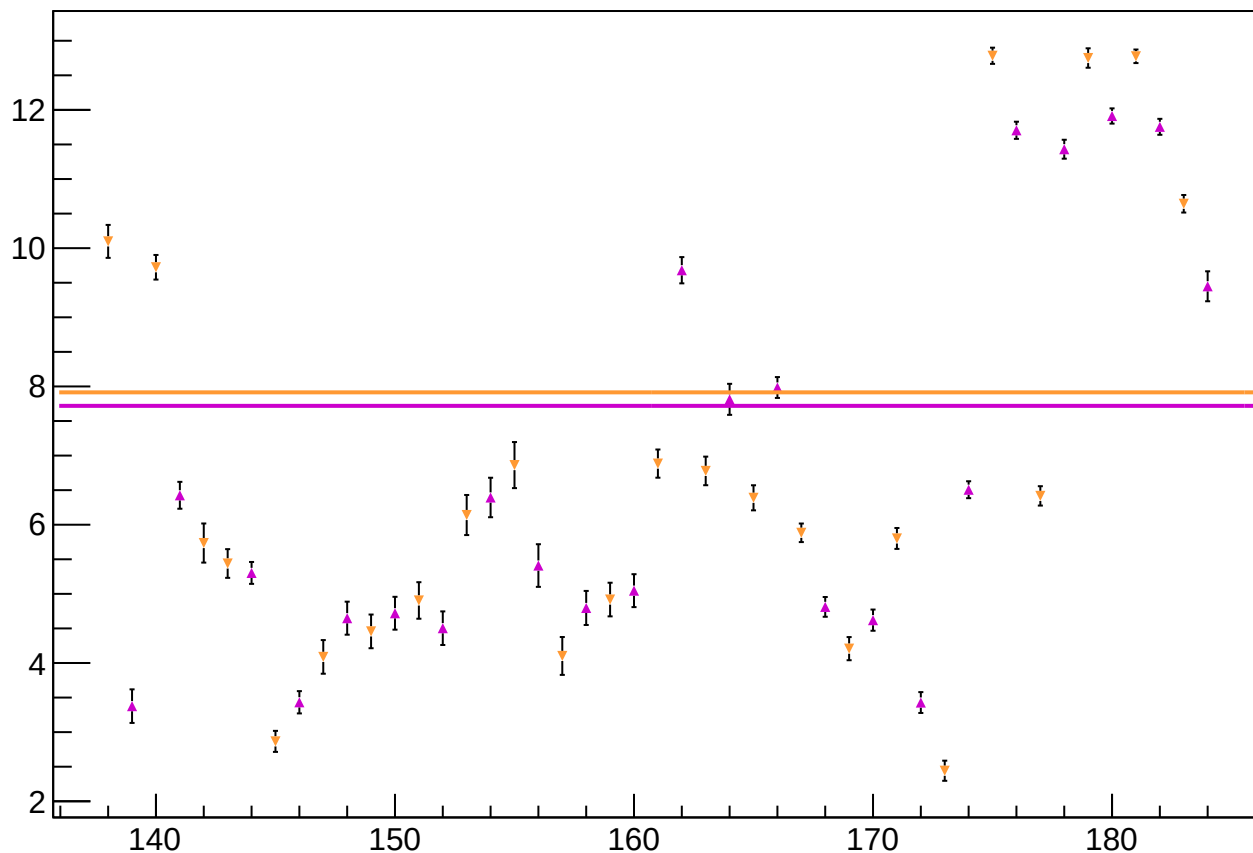
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.125 ± 0.006 χ^2/NDF : 3168.7/39

Out: 0.093 ± 0.006 χ^2/NDF : 3084.0/42

All: 0.109 ± 0.004 χ^2/NDF : 6269.6/82

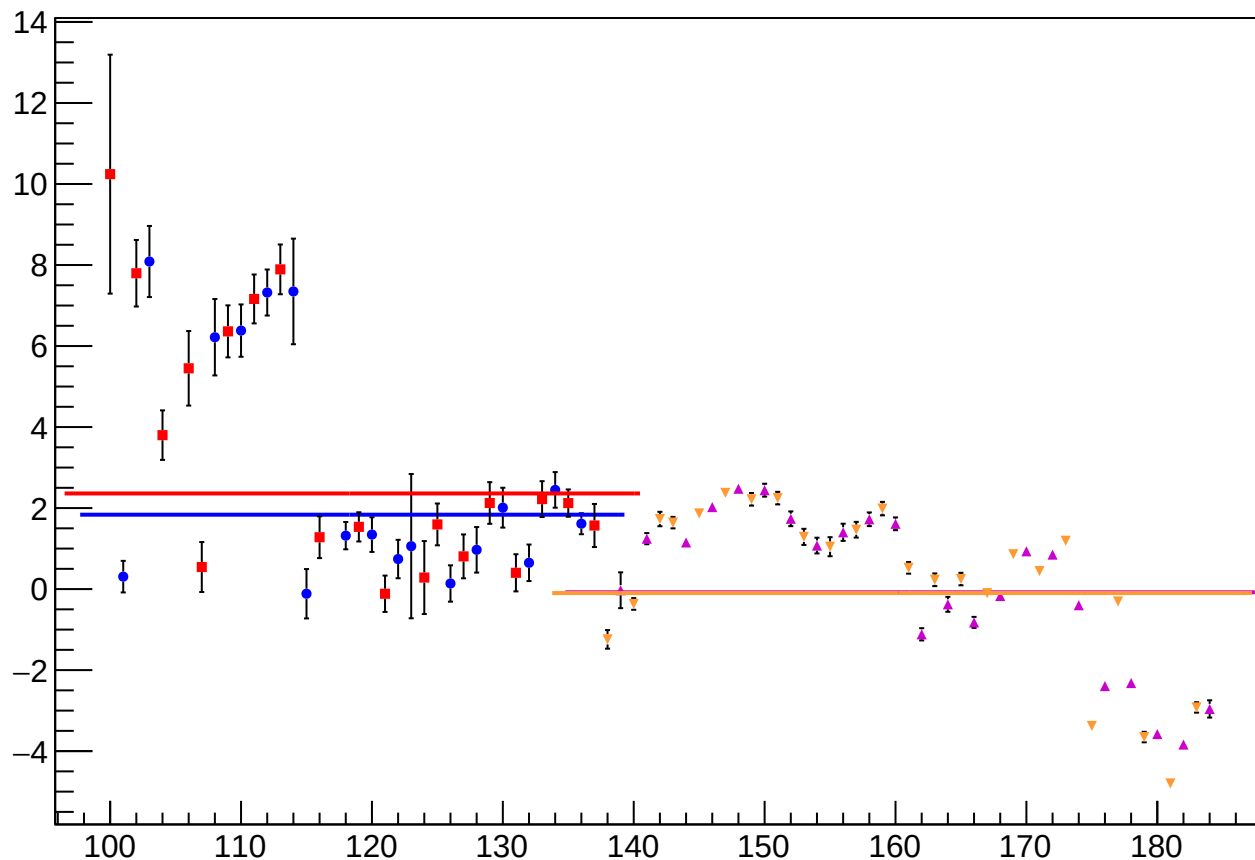
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.915 $\pm$ 0.035 χ^2 /NDF:10861.1/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.719 $\pm$ 0.035 χ^2 /NDF:8490.5/22

Left: 7.817 $\pm$ 0.025 χ^2 /NDF: 19367.3/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 7.719 $\pm$ 0.035 χ^2 /NDF:8490.5/22
 Out: 7.915 $\pm$ 0.035 χ^2 /NDF:10861.1/23
 All: 7.817 $\pm$ 0.025 χ^2 /NDF: 19367.3/46

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: -0.098 ± 0.028 χ^2/NDF : 5974.4/23

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: -0.079 ± 0.028 χ^2/NDF : 4989.1/22

Left: -0.088 ± 0.020 χ^2/NDF : 10963.8/46

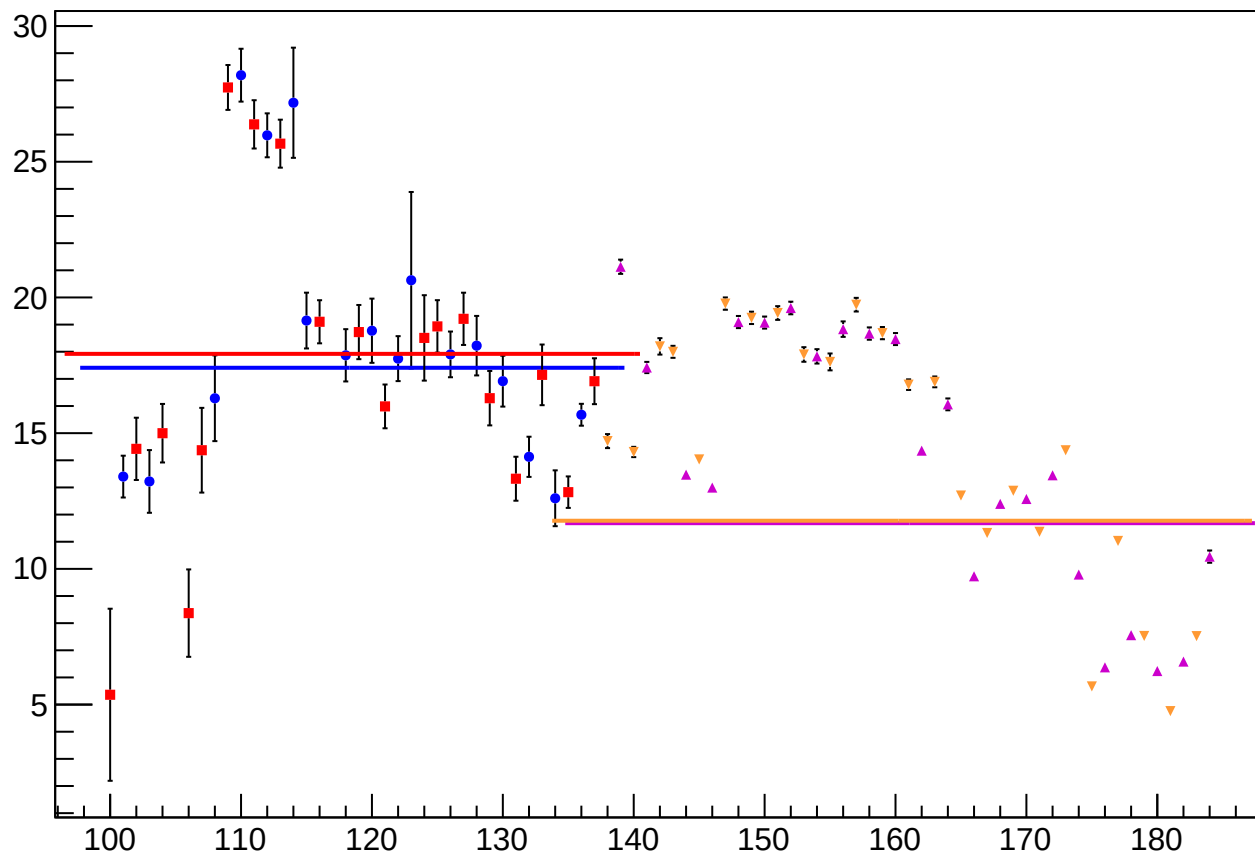
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 0.027 ± 0.027 χ^2/NDF : 5540.0/39

Out: 0.025 ± 0.027 χ^2/NDF : 6694.6/42

All: 0.026 ± 0.019 χ^2/NDF : 12234.5/82

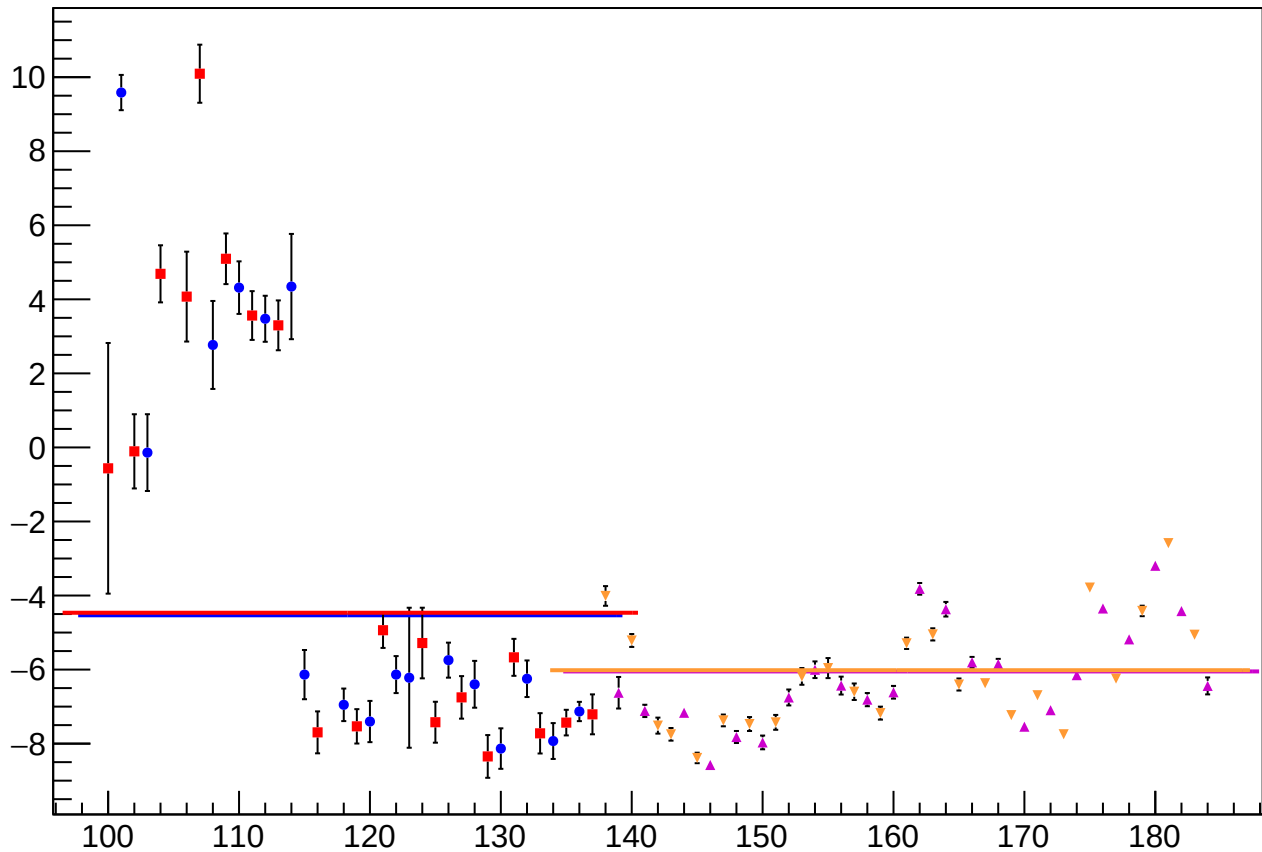
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16
 Left Out: 11.773 $\pm$ 0.035 χ^2 /NDF:18929.8/23
 Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18
 Left In: 11.683 $\pm$ 0.035 χ^2 /NDF:16927.3/22

Left: 11.728 $\pm$ 0.025 χ^2 /NDF: 35860.4/46
 Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35
 In: 11.836 $\pm$ 0.035 χ^2 /NDF:18002.7/39
 Out: 11.927 $\pm$ 0.035 χ^2 /NDF:20206.4/42
 All: 11.881 $\pm$ 0.024 χ^2 /NDF: 38212.7/82

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.017 ± 0.031 χ^2/NDF : 2547.3/23

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

Left: -6.033 ± 0.022 χ^2/NDF : 4851.1/46

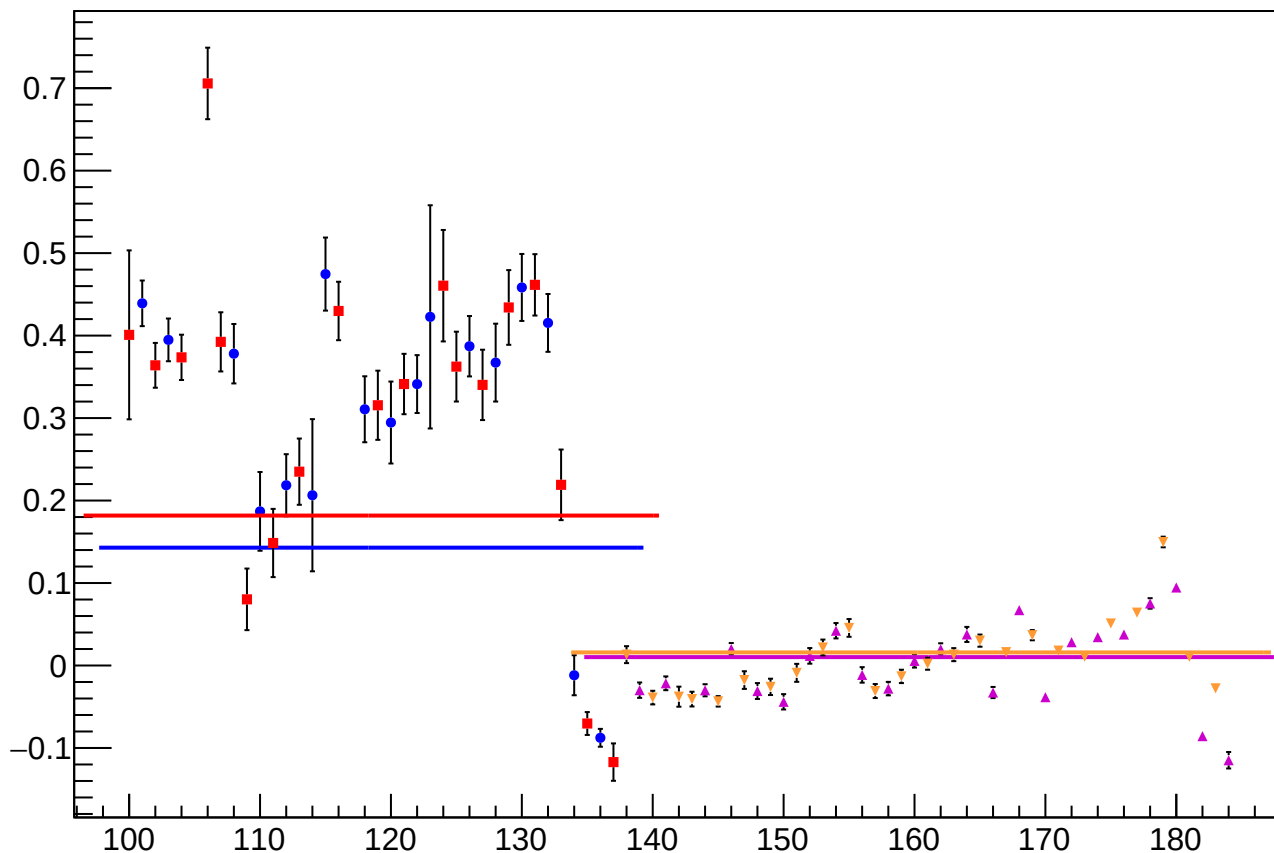
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -5.965 ± 0.031 χ^2/NDF : 4020.8/39

Out: -5.939 ± 0.031 χ^2/NDF : 4010.2/42

All: -5.952 ± 0.022 χ^2/NDF : 8031.4/82

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.016 $\pm$ 0.001 χ^2 /NDF:901.4/23

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: 0.010 $\pm$ 0.001 χ^2 /NDF:1224.5/22

Left: 0.013 $\pm$ 0.001 χ^2 /NDF: 2133.8/46

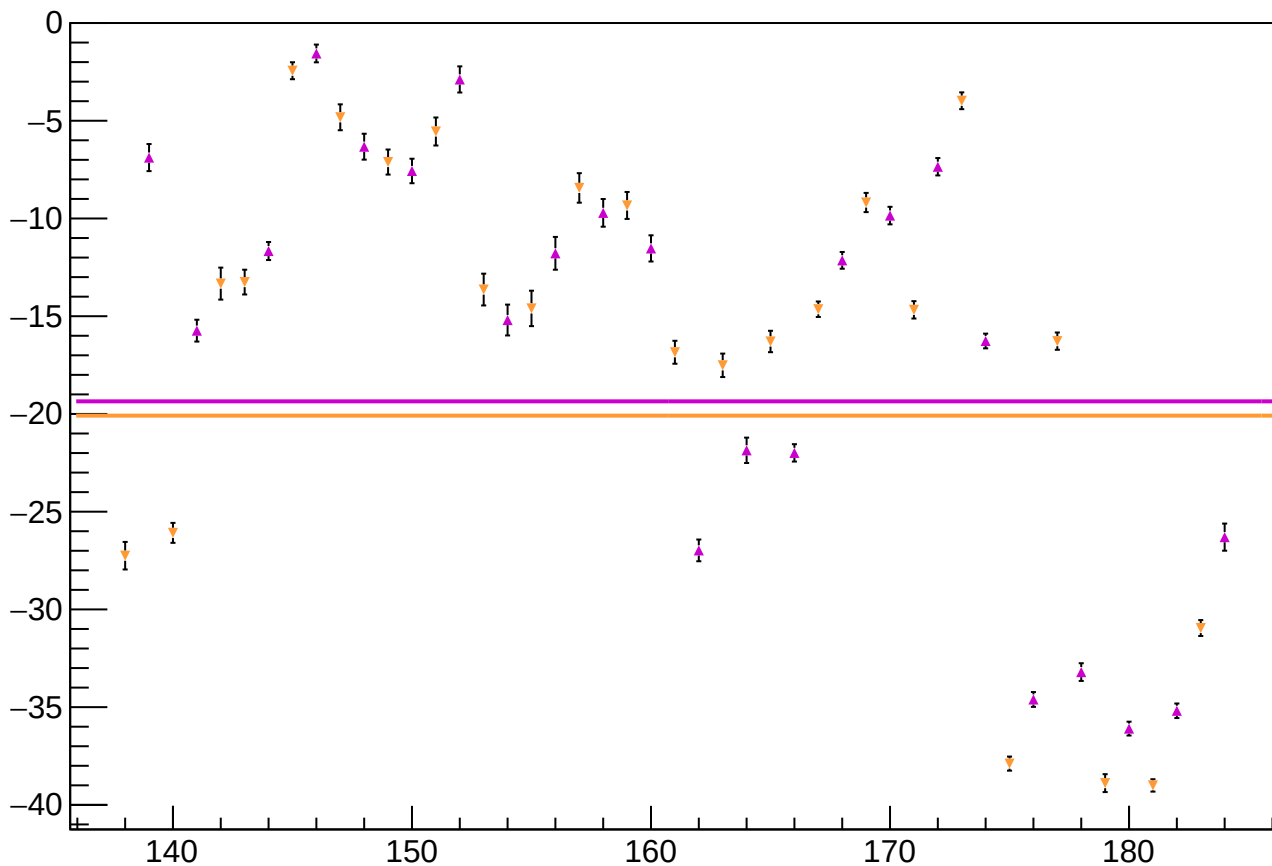
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.016 $\pm$ 0.001 χ^2 /NDF:2623.0/39

Out: 0.022 $\pm$ 0.001 χ^2 /NDF:2395.9/42

All: 0.019 $\pm$ 0.001 χ^2 /NDF: 5029.4/82

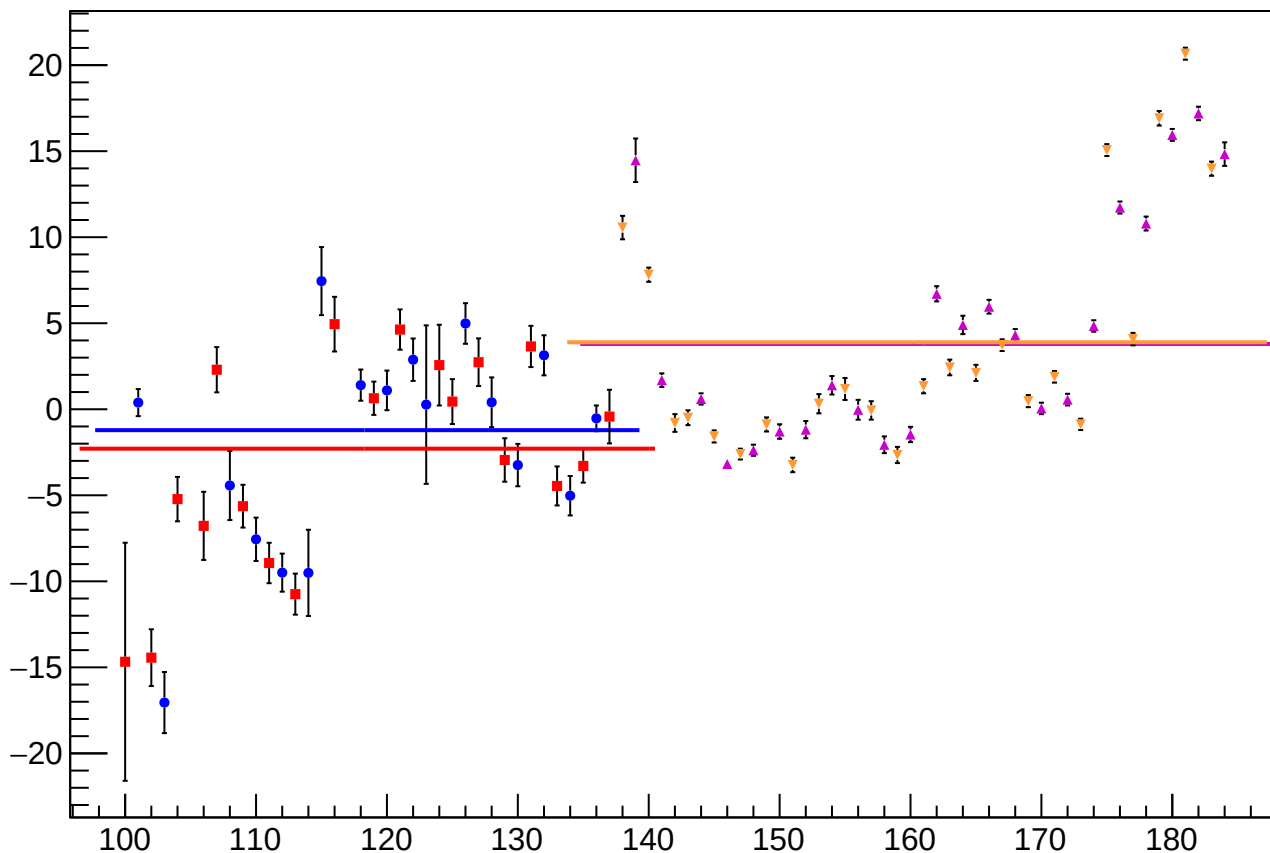
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -20.086+/-0.104 χ^2/NDF :14809.8/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.355+/-0.105 χ^2/NDF :12417.1/22

Left: -19.721+/-0.074 χ^2/NDF : 27251.3/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.355+/-0.105 χ^2/NDF :12417.1/22
 Out: -20.086+/-0.104 χ^2/NDF :14809.8/23
 All: -19.721+/-0.074 χ^2/NDF : 27251.3/46

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215+/-0.290 χ^2/NDF : 278.7/16

Left Out: 3.894+/-0.083 χ^2/NDF : 7059.1/23

Right Out: -2.290+/-0.302 χ^2/NDF : 287.1/18

Left In: 3.795+/-0.083 χ^2/NDF : 5534.4/22

Left: 3.845+/-0.059 χ^2/NDF : 12594.1/46

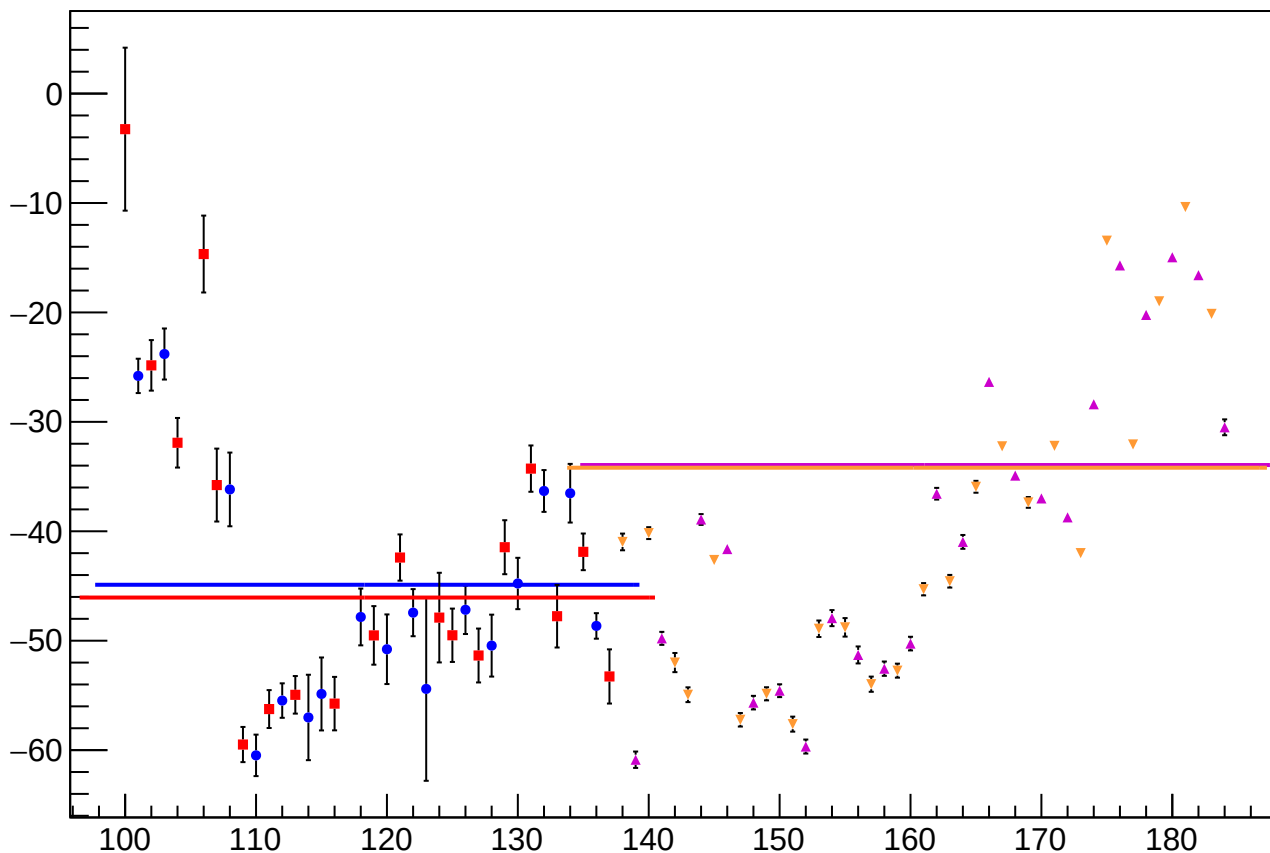
Right: -1.731+/-0.209 χ^2/NDF : 572.4/35

In: 3.414+/-0.080 χ^2/NDF : 6088.2/39

Out: 3.462+/-0.080 χ^2/NDF : 7735.8/42

All: 3.438+/-0.057 χ^2/NDF : 13824.2/82

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16
 Left Out: -34.191 ± 0.105 χ^2/NDF : 19861.2/23
 Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18
 Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

Left: -34.068 ± 0.074 χ^2/NDF : 37719.3/46

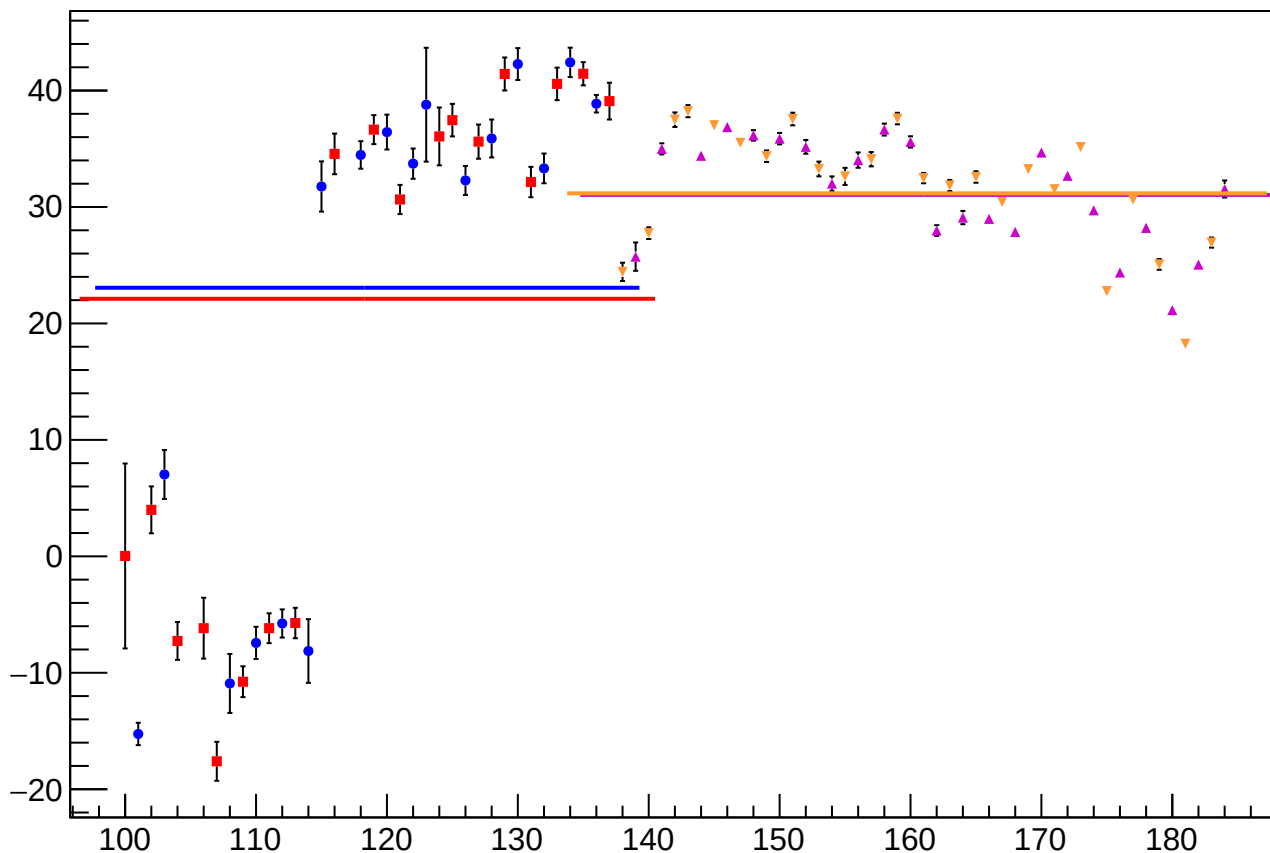
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -34.368 ± 0.103 χ^2/NDF : 18696.2/39

Out: -34.642 ± 0.103 χ^2/NDF : 20800.3/42

All: -34.505 ± 0.073 χ^2/NDF : 39500.0/82

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 31.170 $\pm$ 0.093 χ^2 /NDF:3266.9/23

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

Left: 31.105 $\pm$ 0.066 χ^2 /NDF: 5756.5/46

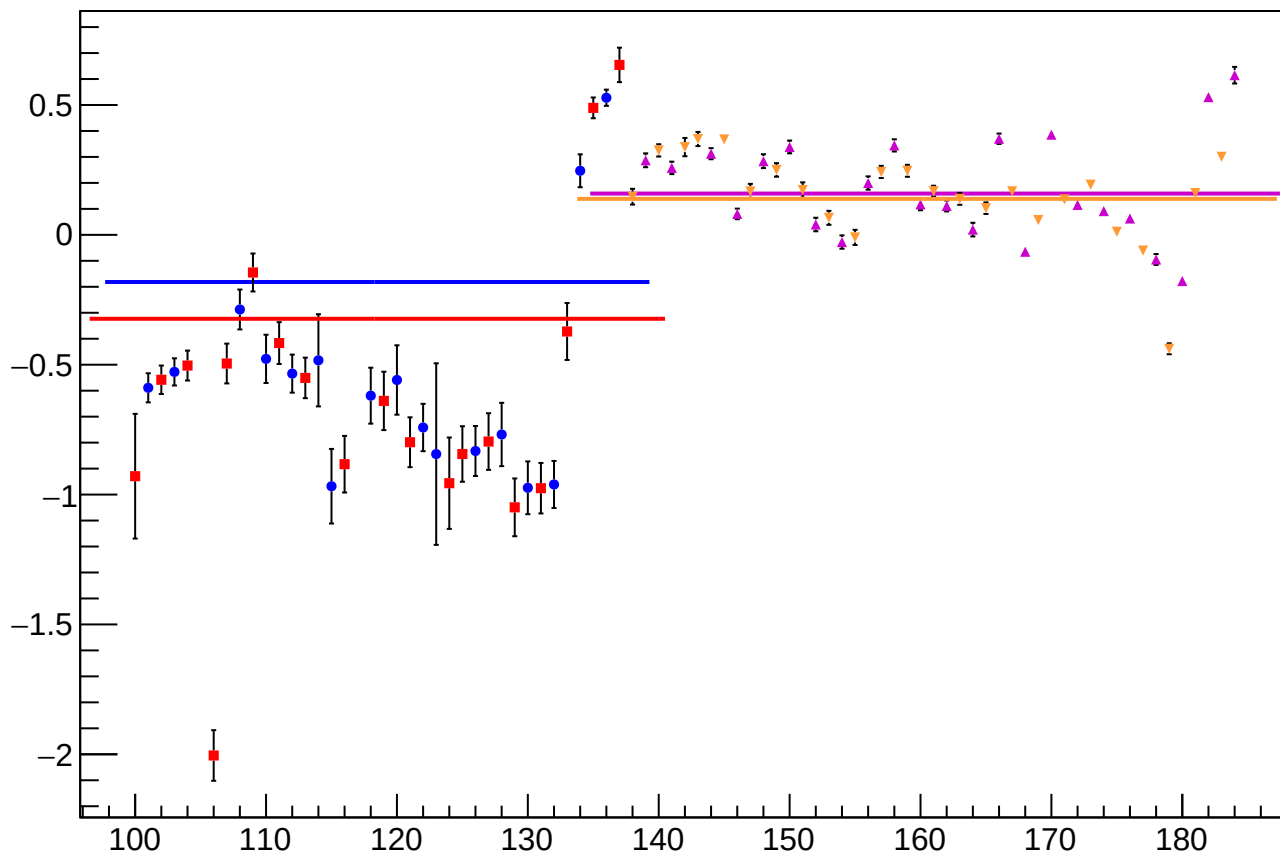
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 30.432 $\pm$ 0.090 χ^2 /NDF:7372.9/39

Out: 30.536 $\pm$ 0.090 χ^2 /NDF:7960.4/42

All: 30.484 $\pm$ 0.064 χ^2 /NDF: 15333.9/82

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.139 ± 0.004 χ^2/NDF : 1480.1/23

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

Left: 0.149 ± 0.003 χ^2/NDF : 3512.0/46

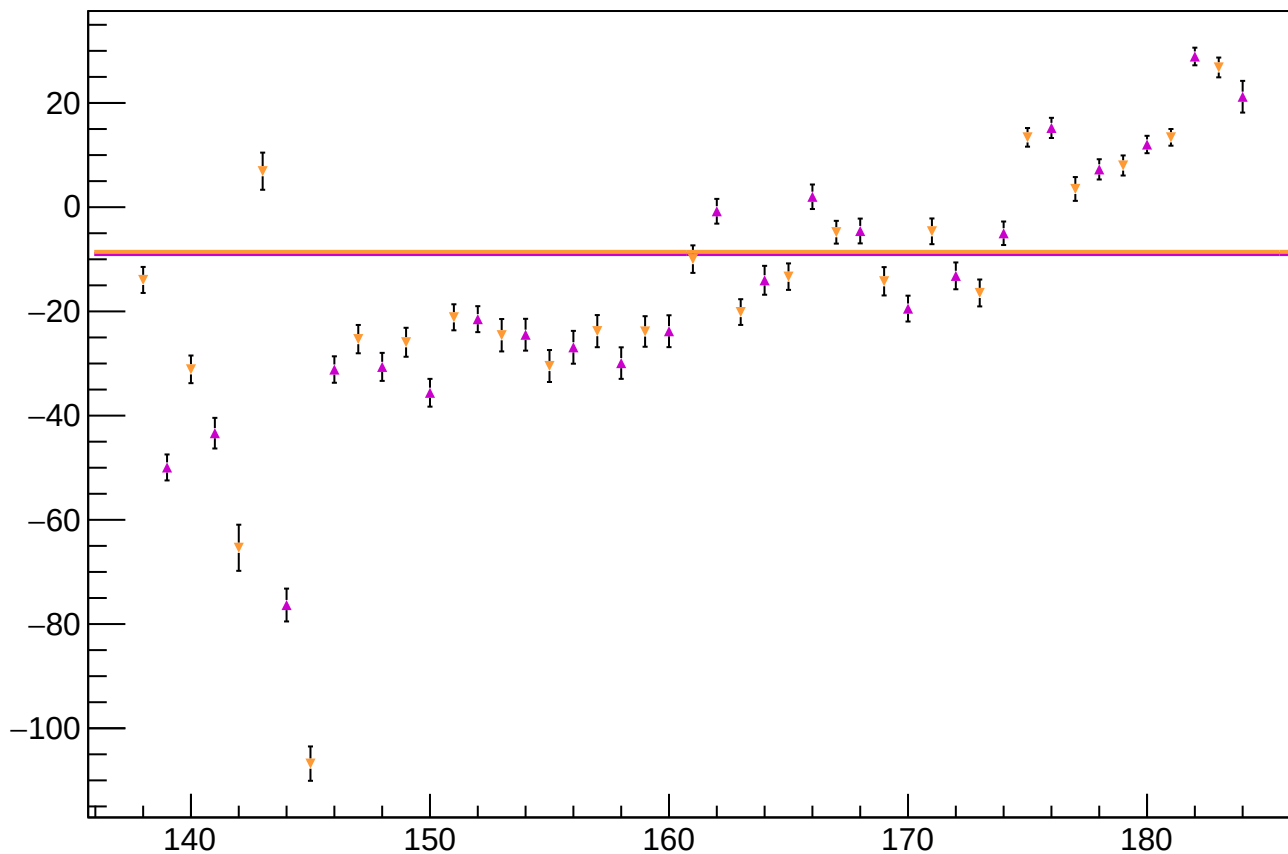
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.140 ± 0.004 χ^2/NDF : 3365.5/39

Out: 0.114 ± 0.004 χ^2/NDF : 3276.0/42

All: 0.127 ± 0.003 χ^2/NDF : 6661.0/82

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



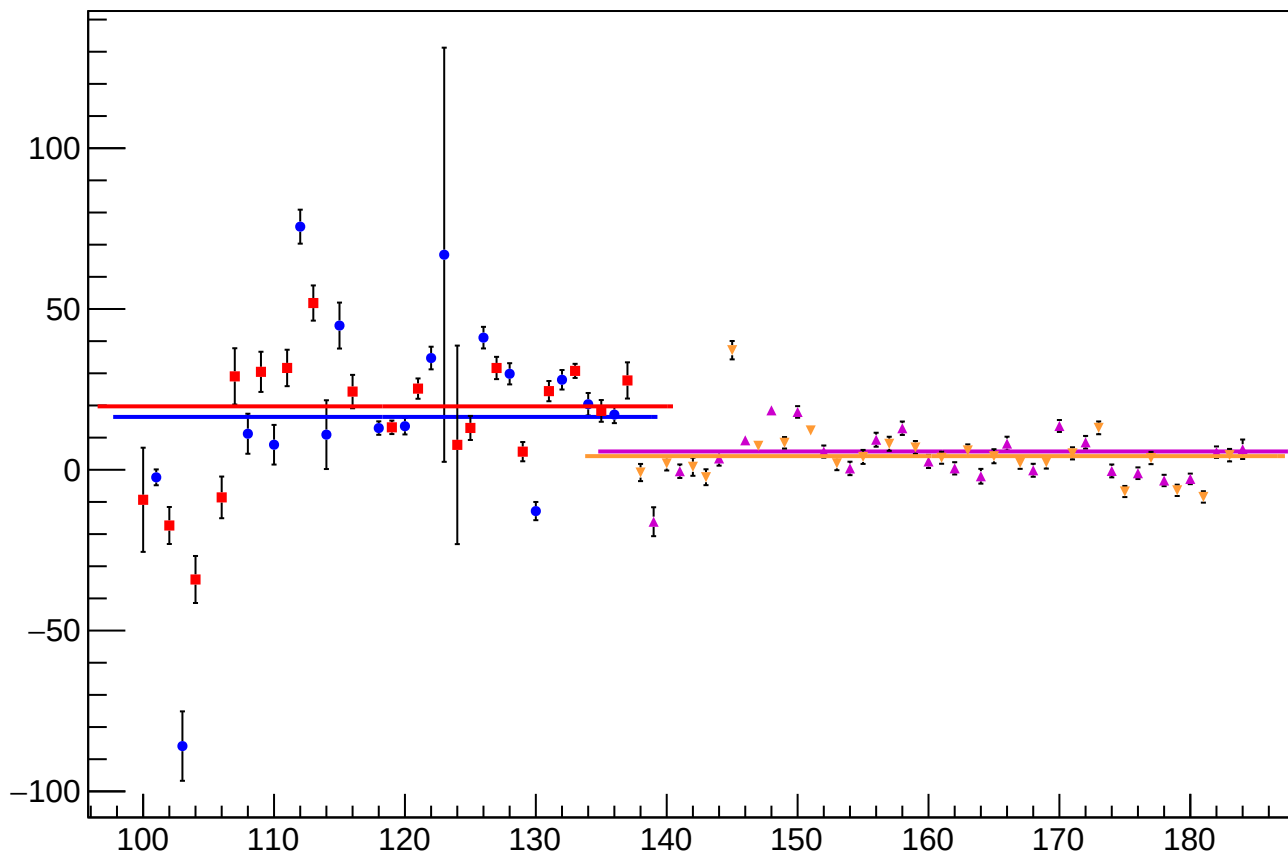
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.572 $\pm$ 0.504 χ^2 /NDF:2212.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.995 $\pm$ 0.505 χ^2 /NDF:2308.2/22

Left: -8.783 $\pm$ 0.357 χ^2 /NDF: 4520.6/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.995 $\pm$ 0.505 χ^2 /NDF:2308.2/22
 Out: -8.572 $\pm$ 0.504 χ^2 /NDF:2212.0/23

All: -8.783 $\pm$ 0.357 χ^2 /NDF: 4520.6/46

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 4.246 $\pm$ 0.395 χ^2 /NDF: 346.1/23

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 5.699 $\pm$ 0.403 χ^2 /NDF: 329.1/22

Left: 4.957 $\pm$ 0.282 χ^2 /NDF: 681.9/46

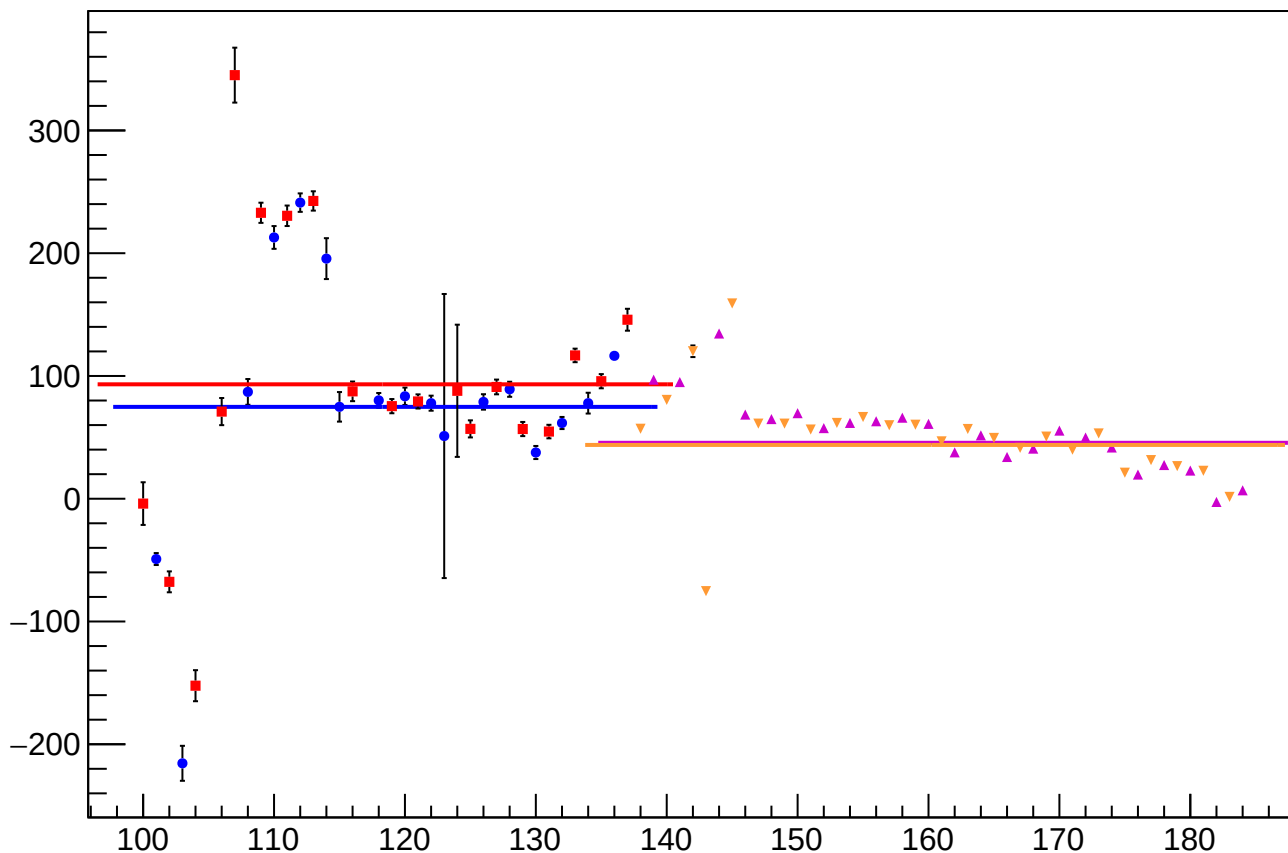
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 7.677 $\pm$ 0.364 χ^2 /NDF: 976.8/39

Out: 6.751 $\pm$ 0.361 χ^2 /NDF: 836.9/42

All: 7.211 $\pm$ 0.256 χ^2 /NDF: 1817.0/82

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 43.827+/-0.502 χ^2/NDF : 3806.0/23

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 45.559+/-0.502 χ^2/NDF : 3152.4/22

Left: 44.692+/-0.355 χ^2/NDF : 6964.4/46

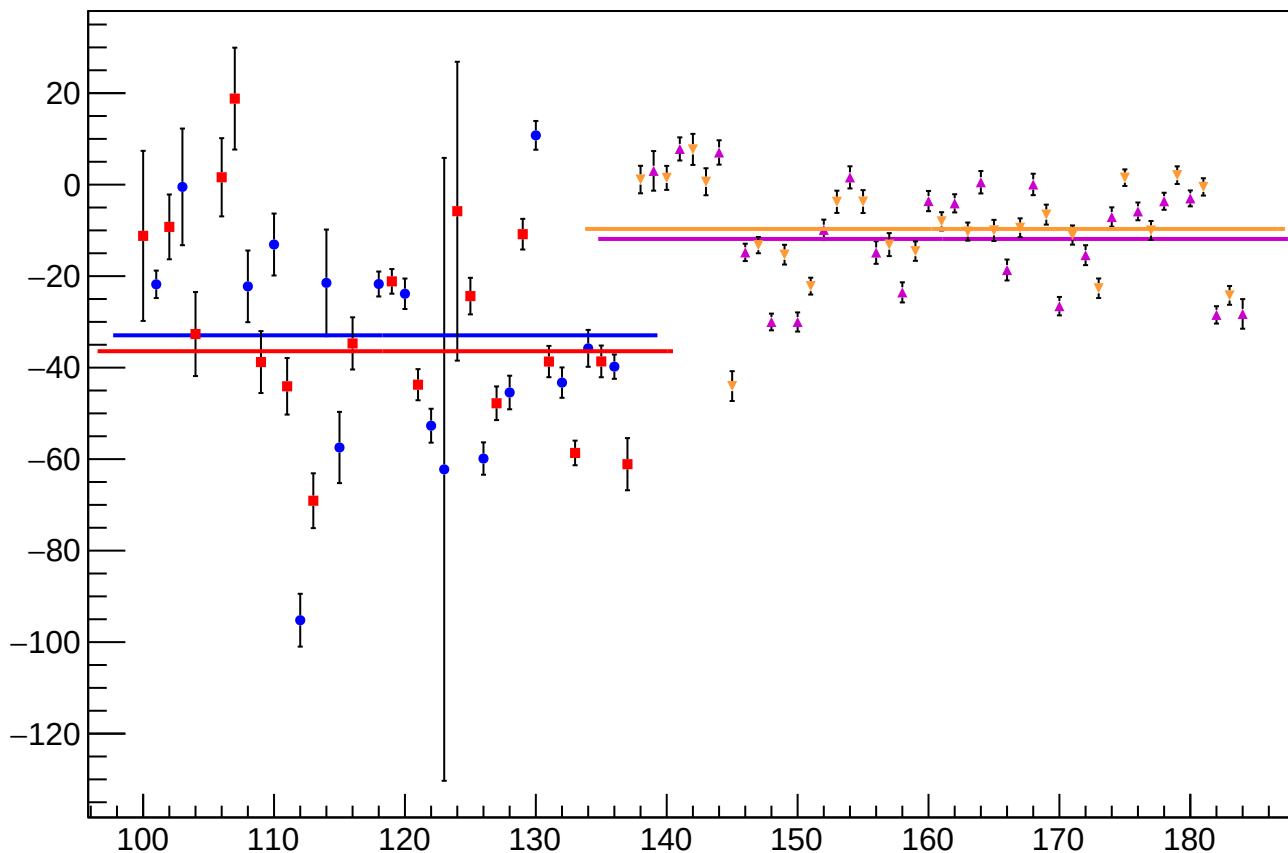
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 48.074+/-0.480 χ^2/NDF : 5440.8/39

Out: 47.739+/-0.482 χ^2/NDF : 6572.9/42

All: 47.907+/-0.340 χ^2/NDF : 12013.9/82

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -9.684 ± 0.447 χ^2/NDF : 444.9/23

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

Left: -10.761 ± 0.319 χ^2/NDF : 1125.1/46

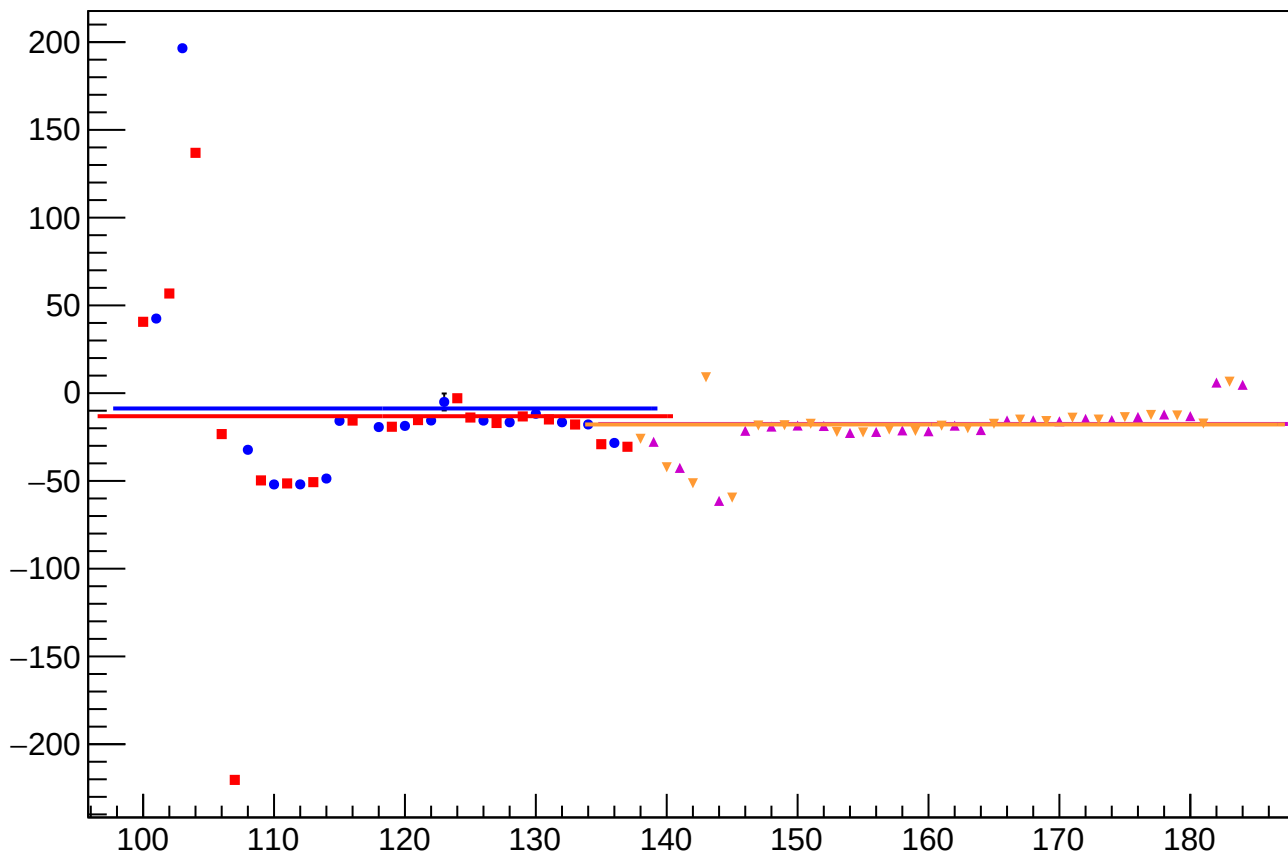
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -15.649 ± 0.412 χ^2/NDF : 1543.4/39

Out: -13.960 ± 0.410 χ^2/NDF : 1311.0/42

All: -14.800 ± 0.291 χ^2/NDF : 2862.9/82

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -17.835 ± 0.021 $\chi^2/\text{NDF}: 295697.2/23$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -17.552 ± 0.021 $\chi^2/\text{NDF}: 261900.3/22$

Left: -17.693 ± 0.015 $\chi^2/\text{NDF}: 557691.7/46$

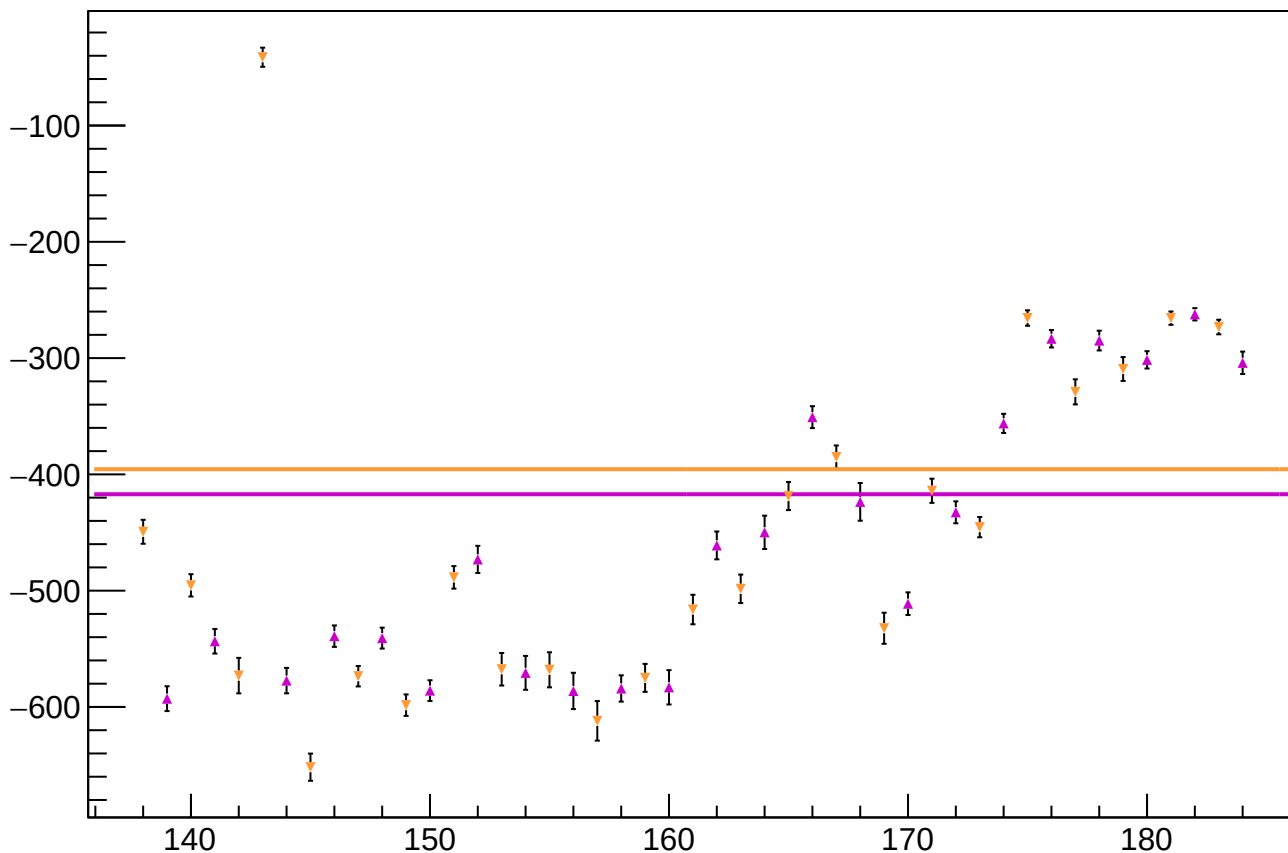
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -16.590 ± 0.019 $\chi^2/\text{NDF}: 857780.3/39$

Out: -17.364 ± 0.020 $\chi^2/\text{NDF}: 859531.3/42$

All: -16.975 ± 0.014 $\chi^2/\text{NDF}: 1718100.5/82$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -395.534+/-1.976 χ^2/NDF :5946.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -417.080+/-1.997 χ^2/NDF :3958.5/22

Left: -406.194+/-1.405 χ^2/NDF : 9964.1/46

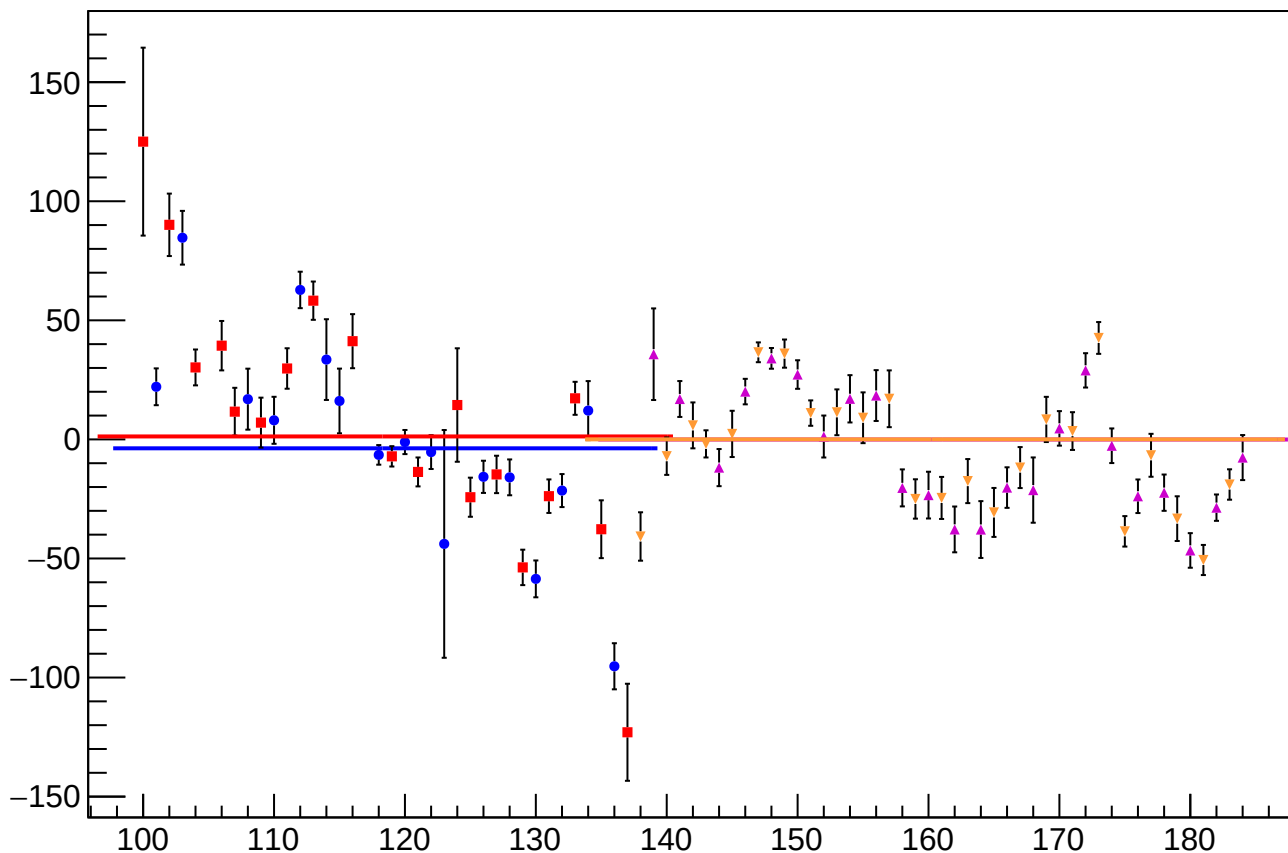
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -417.080+/-1.997 χ^2/NDF :3958.5/22

Out: -395.534+/-1.976 χ^2/NDF :5946.7/23

All: -406.194+/-1.405 χ^2/NDF : 9964.1/46

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 0.019 ± 1.516 χ^2/NDF : 335.6/23

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: -0.052 ± 1.571 χ^2/NDF : 264.1/22

Left: -0.015 ± 1.091 χ^2/NDF : 599.7/46

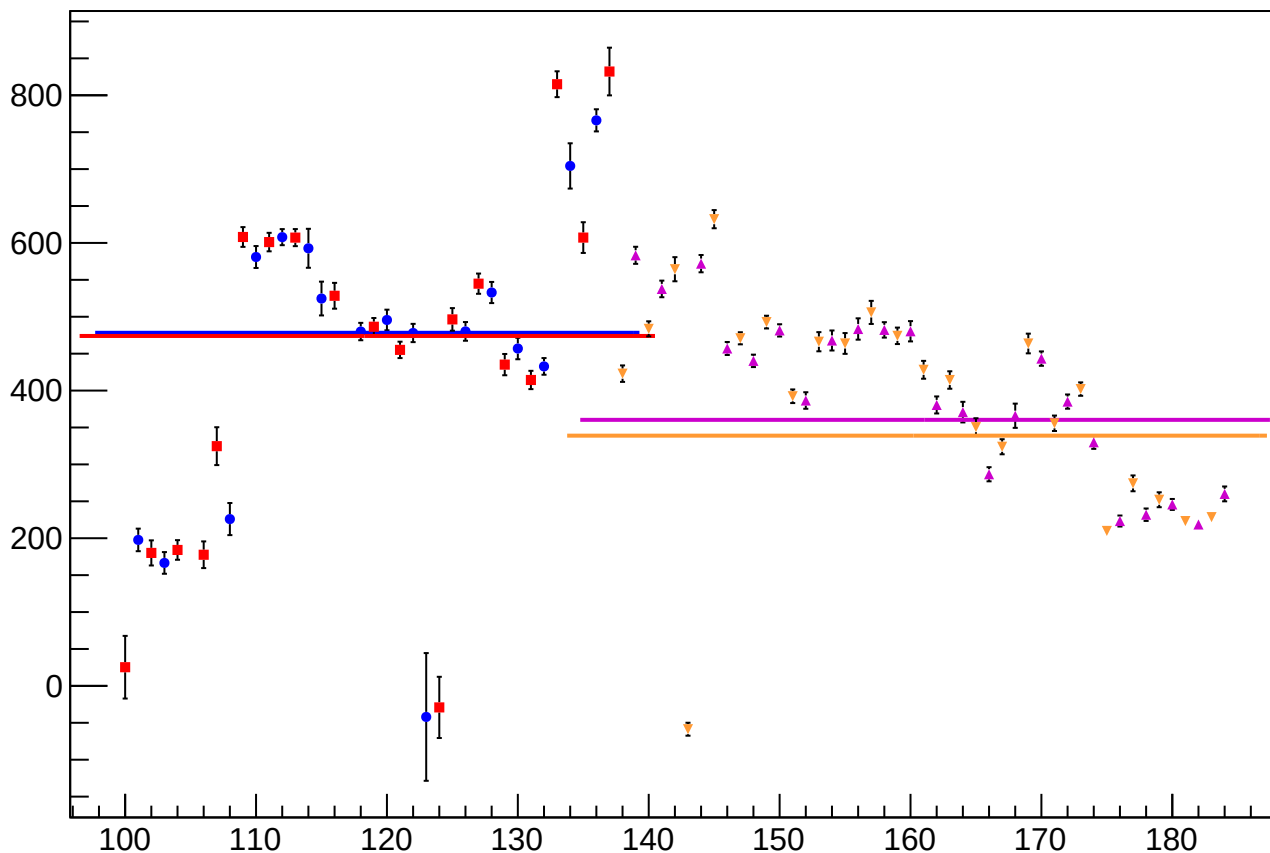
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: -1.558 ± 1.209 χ^2/NDF : 580.5/39

Out: 0.489 ± 1.189 χ^2/NDF : 639.4/42

All: -0.518 ± 0.847 χ^2/NDF : 1221.3/82

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 338.942 $\pm$ 1.983 χ^2 /NDF: 5501.2/23

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 360.355 $\pm$ 1.996 χ^2 /NDF: 3449.9/22

Left: 349.583 $\pm$ 1.407 χ^2 /NDF: 9009.1/46

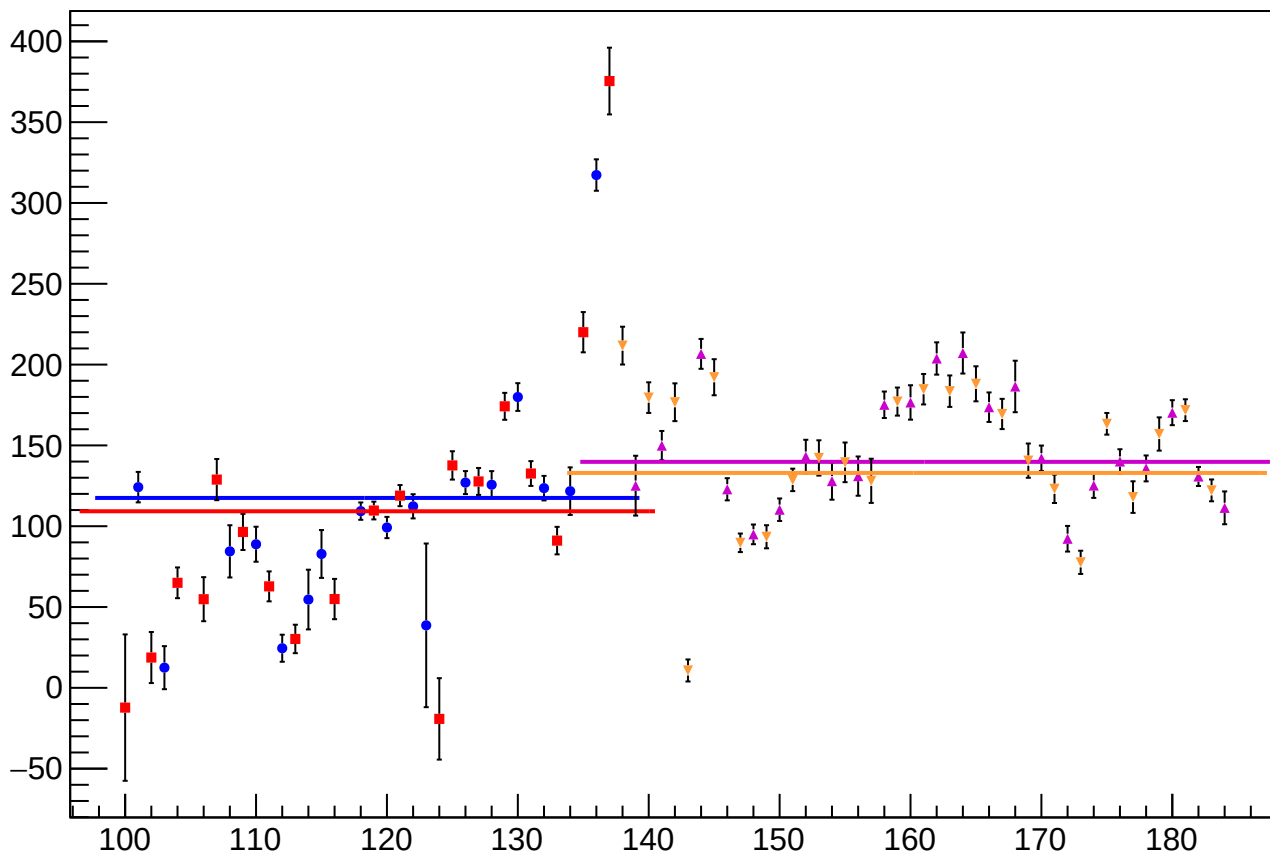
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 387.625 $\pm$ 1.750 χ^2 /NDF: 5885.3/39

Out: 371.353 $\pm$ 1.729 χ^2 /NDF: 8902.3/42

All: 379.393 $\pm$ 1.230 χ^2 /NDF: 14831.3/82

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: 132.977 $\pm$ 1.745 χ^2 /NDF: 771.2/23

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 139.828 $\pm$ 1.790 χ^2 /NDF: 321.7/22

Left: 136.315 $\pm$ 1.249 χ^2 /NDF: 1100.4/46

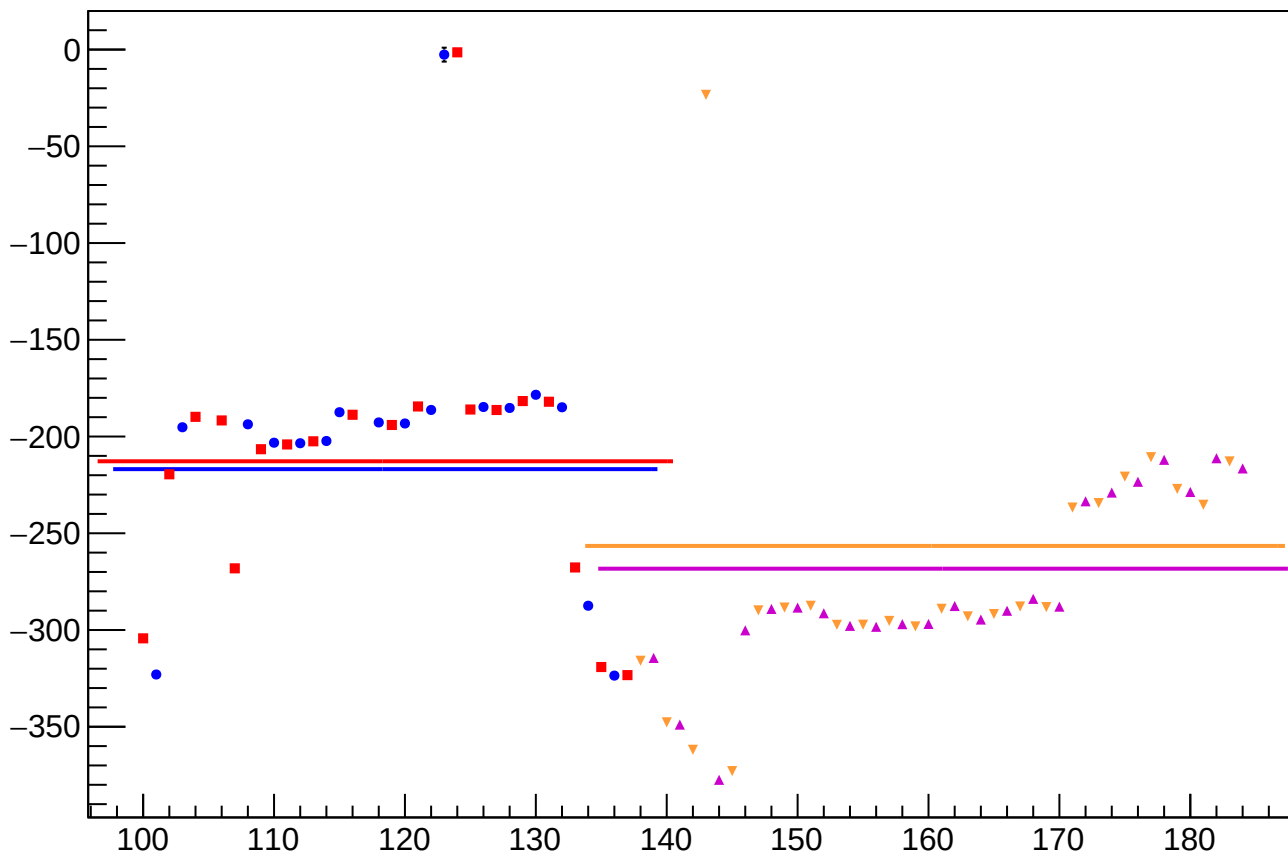
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 130.926 $\pm$ 1.388 χ^2 /NDF: 1089.7/39

Out: 123.845 $\pm$ 1.368 χ^2 /NDF: 1411.9/42

All: 127.336 $\pm$ 0.974 χ^2 /NDF: 2514.7/82

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -256.537 ± 0.083 $\chi^2/\text{NDF}: 719911.3/23$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -268.305 ± 0.083 $\chi^2/\text{NDF}: 264853.3/22$

Left: -262.414 ± 0.059 $\chi^2/\text{NDF}: 994763.6/46$

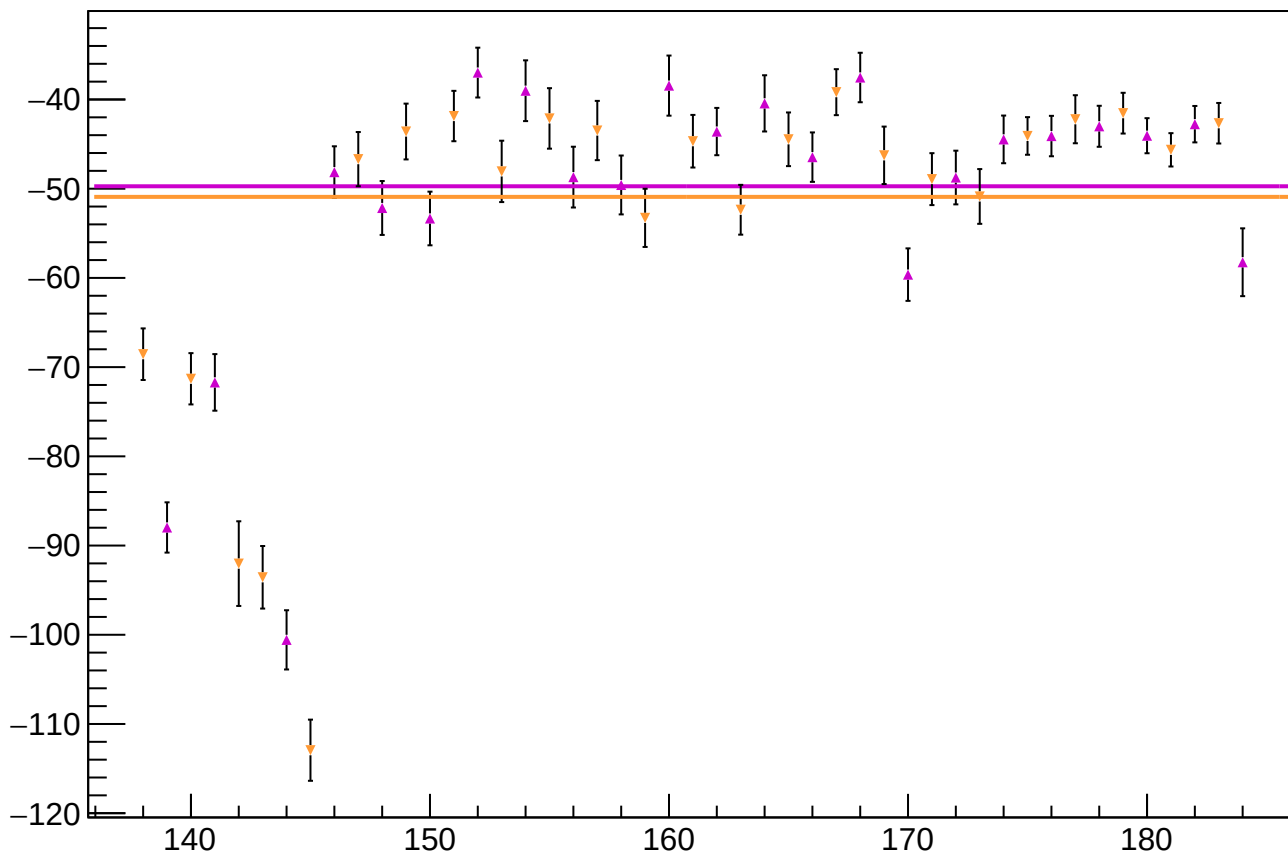
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -254.256 ± 0.071 $\chi^2/\text{NDF}: 516034.7/39$

Out: -243.843 ± 0.070 $\chi^2/\text{NDF}: 916790.3/42$

All: -248.981 ± 0.050 $\chi^2/\text{NDF}: 1443723.0/82$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -50.916 $\pm$ 0.577 χ^2 /NDF:760.1/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -49.728 $\pm$ 0.581 χ^2 /NDF:601.0/22

Left: -50.327 $\pm$ 0.410 χ^2 /NDF: 1363.1/46

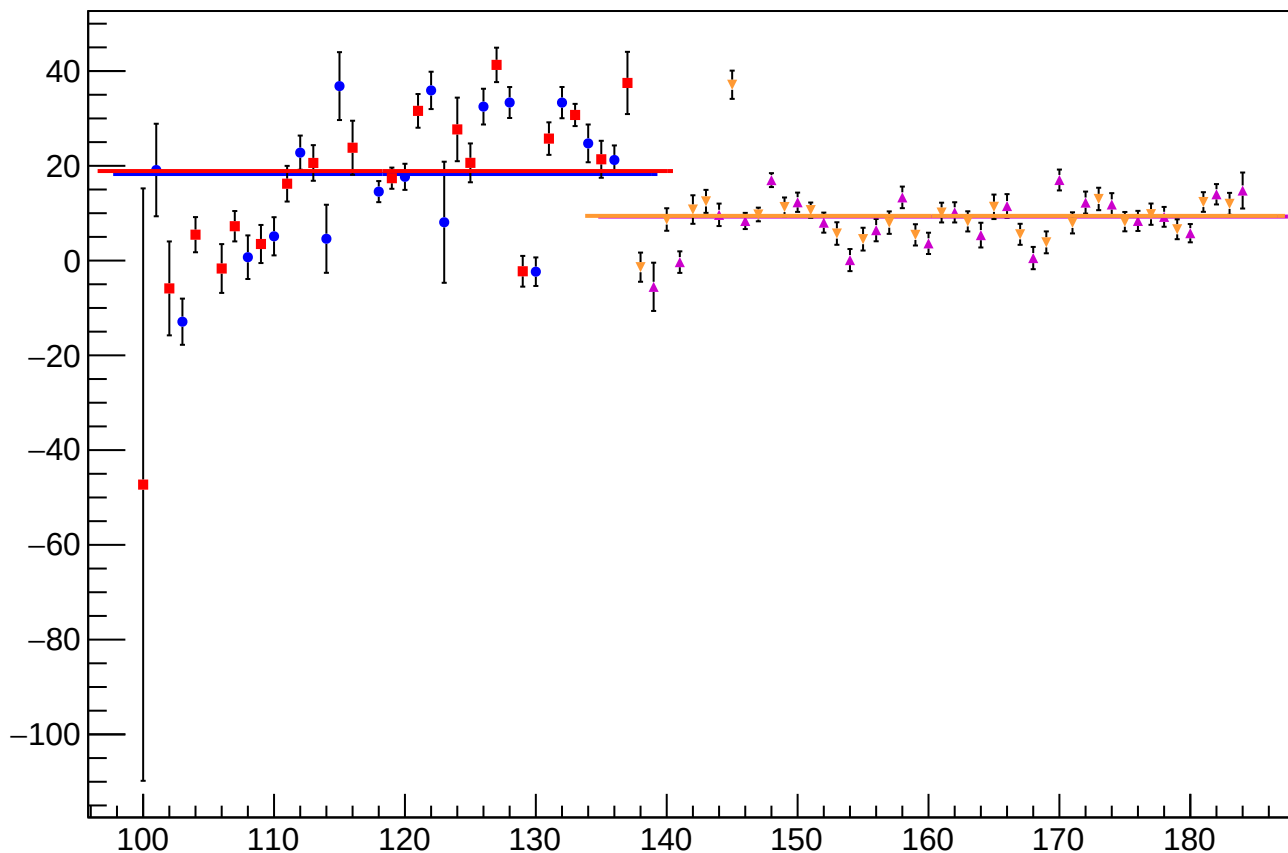
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -49.728 $\pm$ 0.581 χ^2 /NDF:601.0/22

Out: -50.916 $\pm$ 0.577 χ^2 /NDF:760.1/23

All: -50.327 $\pm$ 0.410 χ^2 /NDF: 1363.1/46

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269+/-0.907 χ^2 /NDF: 208.3/16

Left Out: 9.436+/-0.448 χ^2 /NDF:130.1/23

Right Out: 18.897+/-0.864 χ^2 /NDF: 199.2/18

Left In: 9.289+/-0.461 χ^2 /NDF:125.6/22

Left: 9.364+/-0.321 χ^2 /NDF: 255.8/46

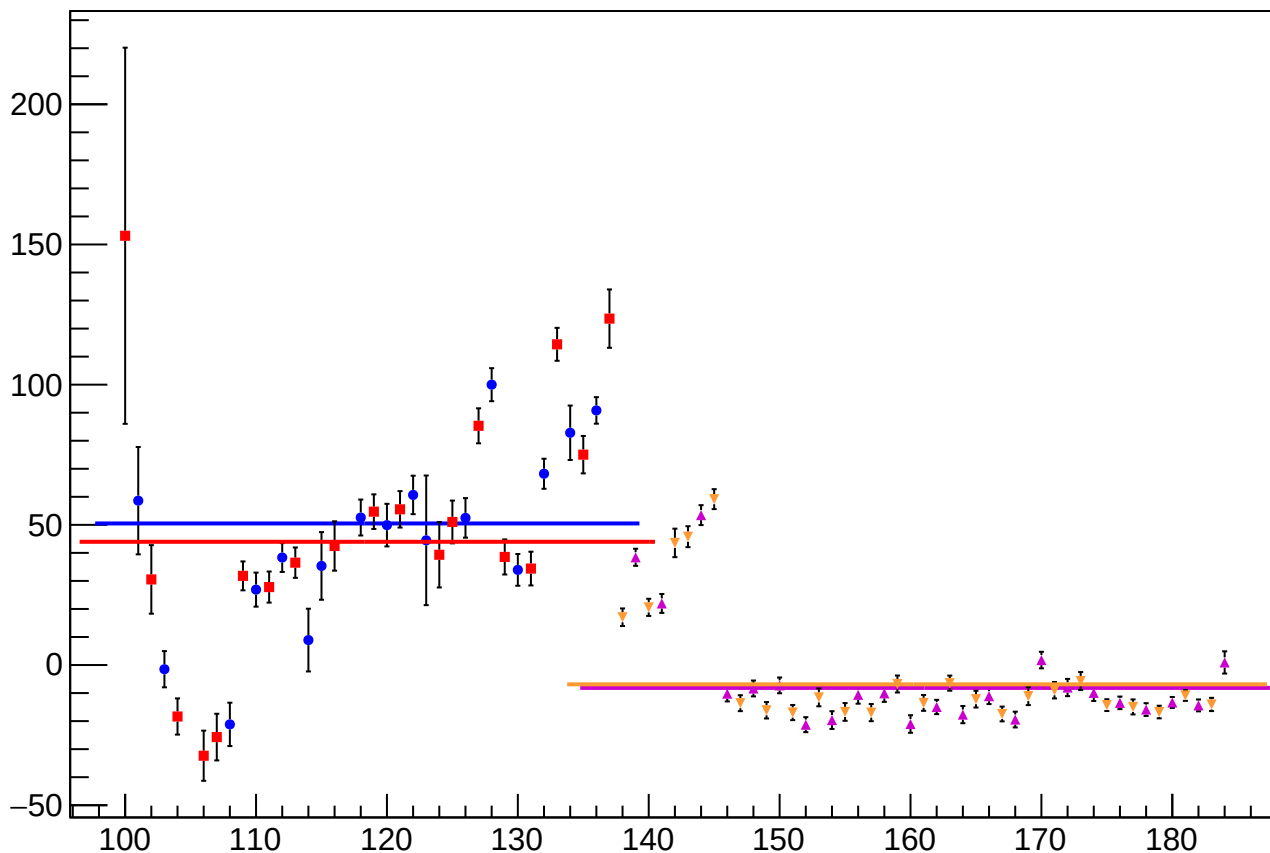
Right: 18.598+/-0.626 χ^2 /NDF: 407.8/35

In: 11.130+/-0.411 χ^2 /NDF:411.9/39

Out: 11.443+/-0.398 χ^2 /NDF:423.7/42

All: 11.292+/-0.286 χ^2 /NDF: 835.9/82

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 $\chi^2/\text{NDF}: 363.2/16$

Left Out: -6.884 ± 0.575 $\chi^2/\text{NDF}: 913.1/23$

Right Out: 43.957 ± 1.603 $\chi^2/\text{NDF}: 534.3/18$

Left In: -8.158 ± 0.578 $\chi^2/\text{NDF}: 753.9/22$

Left: -7.518 ± 0.407 $\chi^2/\text{NDF}: 1669.5/46$

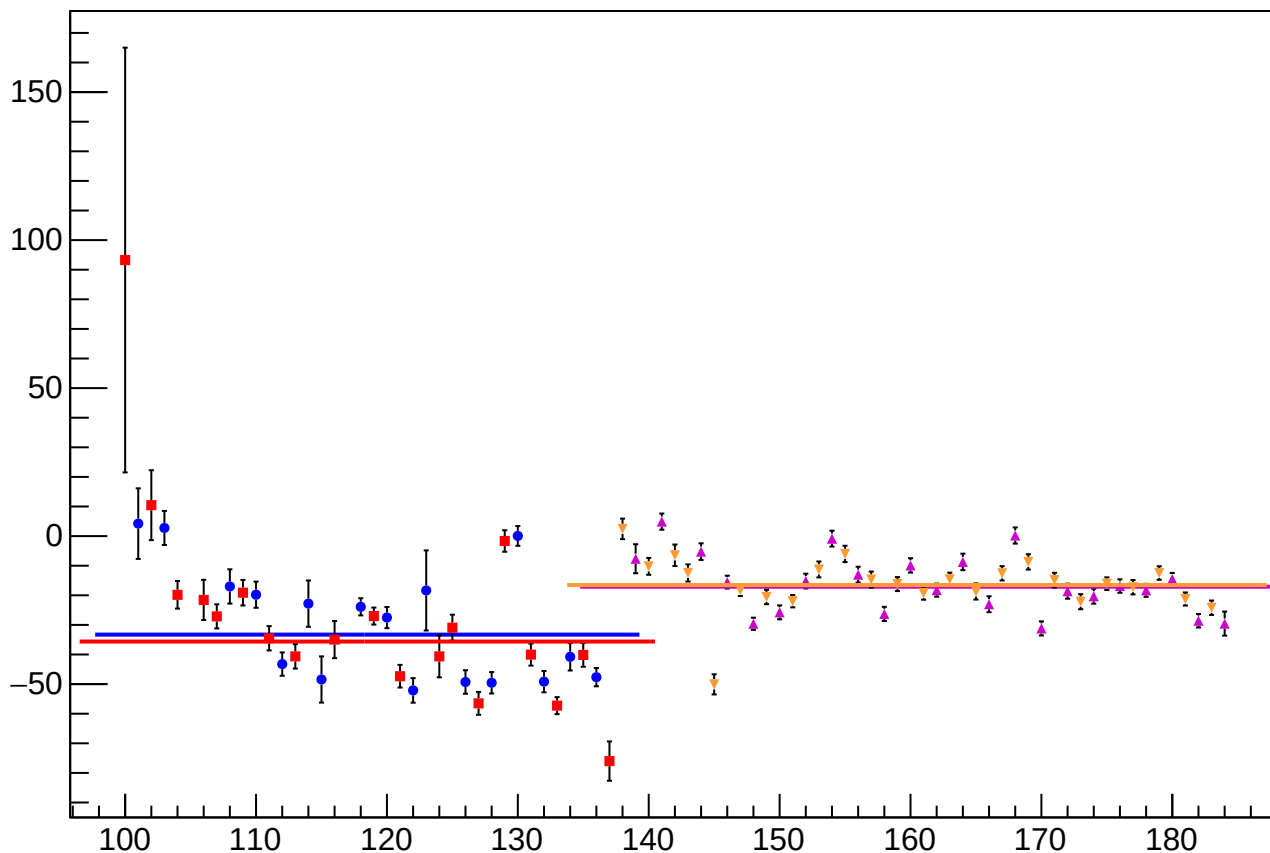
Right: 47.092 ± 1.157 $\chi^2/\text{NDF}: 905.5/35$

In: -1.895 ± 0.546 $\chi^2/\text{NDF}: 2217.9/39$

Out: -1.092 ± 0.541 $\chi^2/\text{NDF}: 2338.6/42$

All: -1.490 ± 0.384 $\chi^2/\text{NDF}: 4557.6/82$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.524 ± 0.510 χ^2/NDF : 208.9/23

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

Left: -16.806 ± 0.364 χ^2/NDF : 537.5/46

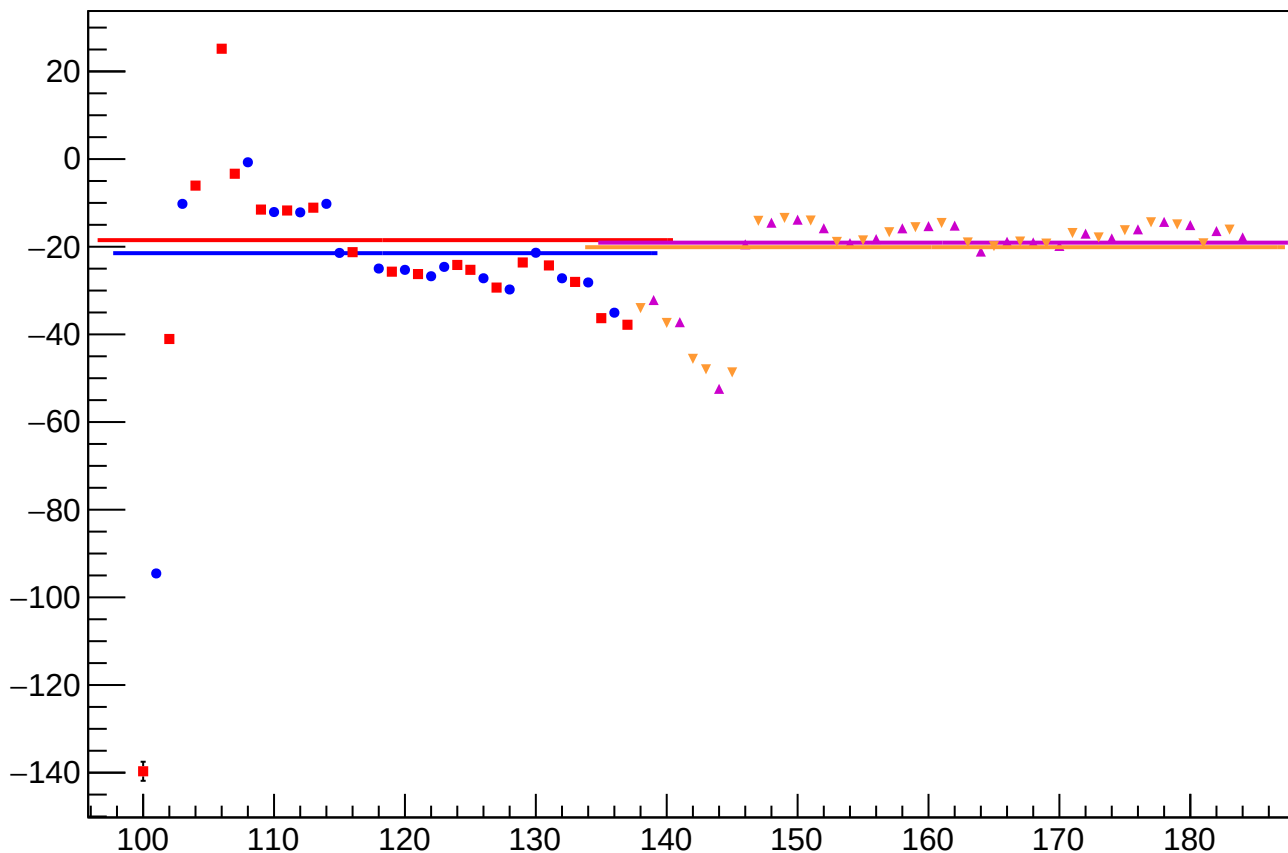
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -20.367 ± 0.465 χ^2/NDF : 816.1/39

Out: -20.510 ± 0.454 χ^2/NDF : 789.5/42

All: -20.440 ± 0.325 χ^2/NDF : 1605.6/82

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469+/-0.059 χ^2/NDF : 48979.5/16

Left Out: -20.105+/-0.024 χ^2/NDF : 144628.6/23

Right Out: -18.496+/-0.057 χ^2/NDF : 80700.9/18

Left In: -19.068+/-0.024 χ^2/NDF : 92702.3/22

Left: -19.588+/-0.017 χ^2/NDF : 238301.0/46

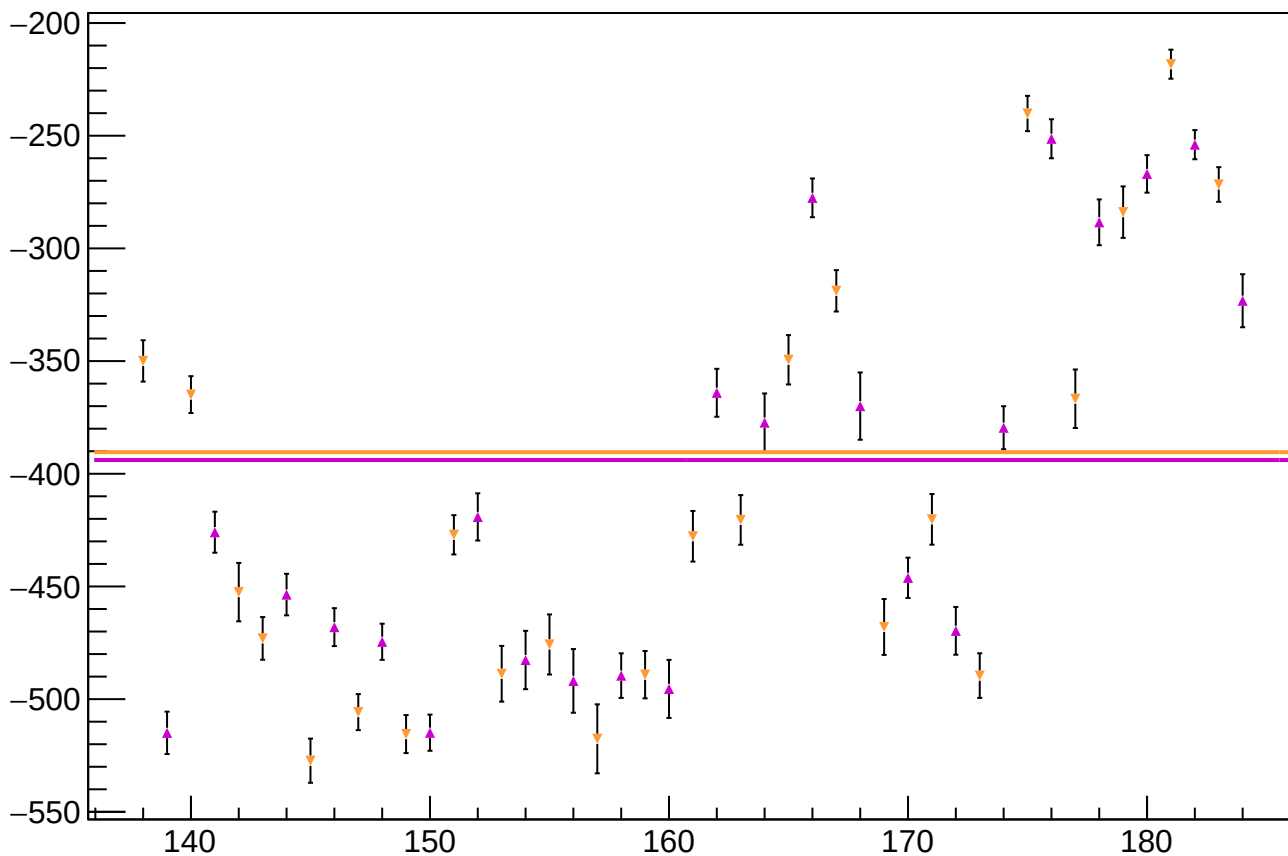
Right: -19.947+/-0.041 χ^2/NDF : 130991.7/35

In: -19.401+/-0.022 χ^2/NDF : 143120.4/39

Out: -19.874+/-0.022 χ^2/NDF : 226003.5/42

All: -19.639+/-0.015 χ^2/NDF : 369358.4/82

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -390.416+/-1.982 χ^2/NDF :2680.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -393.904+/-1.998 χ^2/NDF :2280.8/22

Left: -392.146+/-1.407 χ^2/NDF : 4962.8/46

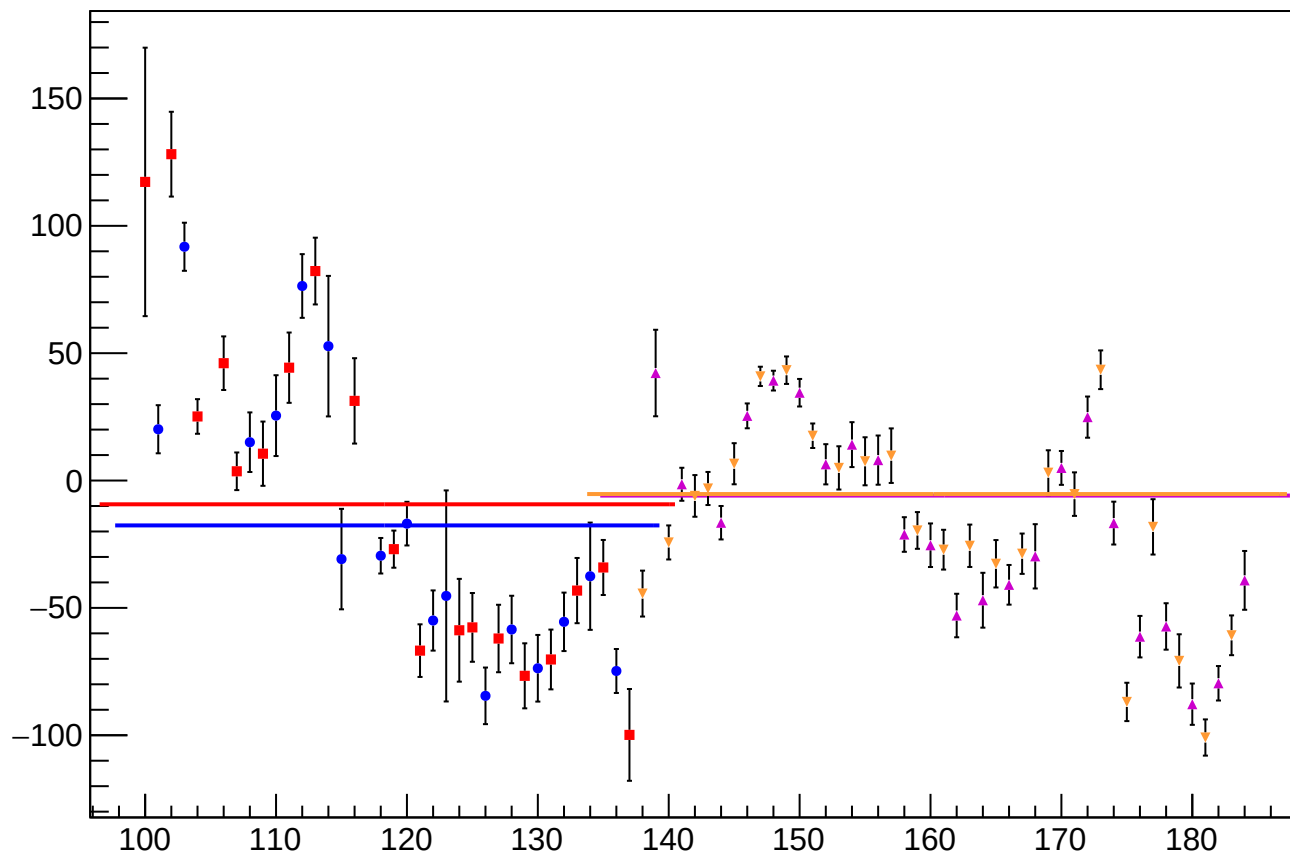
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -393.904+/-1.998 χ^2/NDF :2280.8/22

Out: -390.416+/-1.982 χ^2/NDF :2680.5/23

All: -392.146+/-1.407 χ^2/NDF : 4962.8/46

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -5.306 ± 1.470 $\chi^2/\text{NDF}: 753.9/23$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

Left: -5.597 ± 1.054 $\chi^2/\text{NDF}: 1411.5/46$

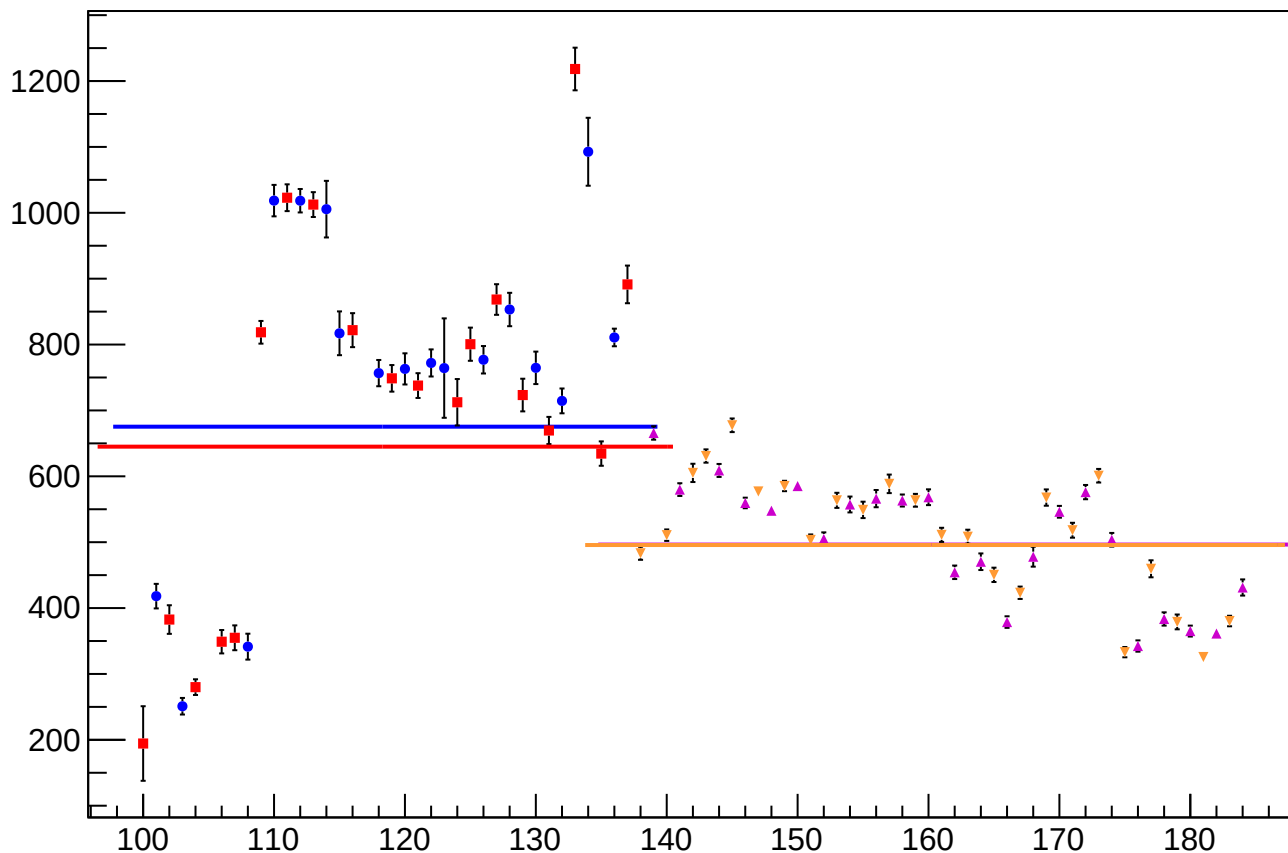
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: -8.574 ± 1.330 $\chi^2/\text{NDF}: 1033.2/39$

Out: -6.275 ± 1.281 $\chi^2/\text{NDF}: 1122.2/42$

All: -7.381 ± 0.922 $\chi^2/\text{NDF}: 2156.9/82$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 495.700+/-1.980 χ^2/NDF : 2571.3/23

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 496.393+/-1.985 χ^2/NDF : 2295.8/22

Left: 496.046+/-1.402 χ^2/NDF : 4867.1/46

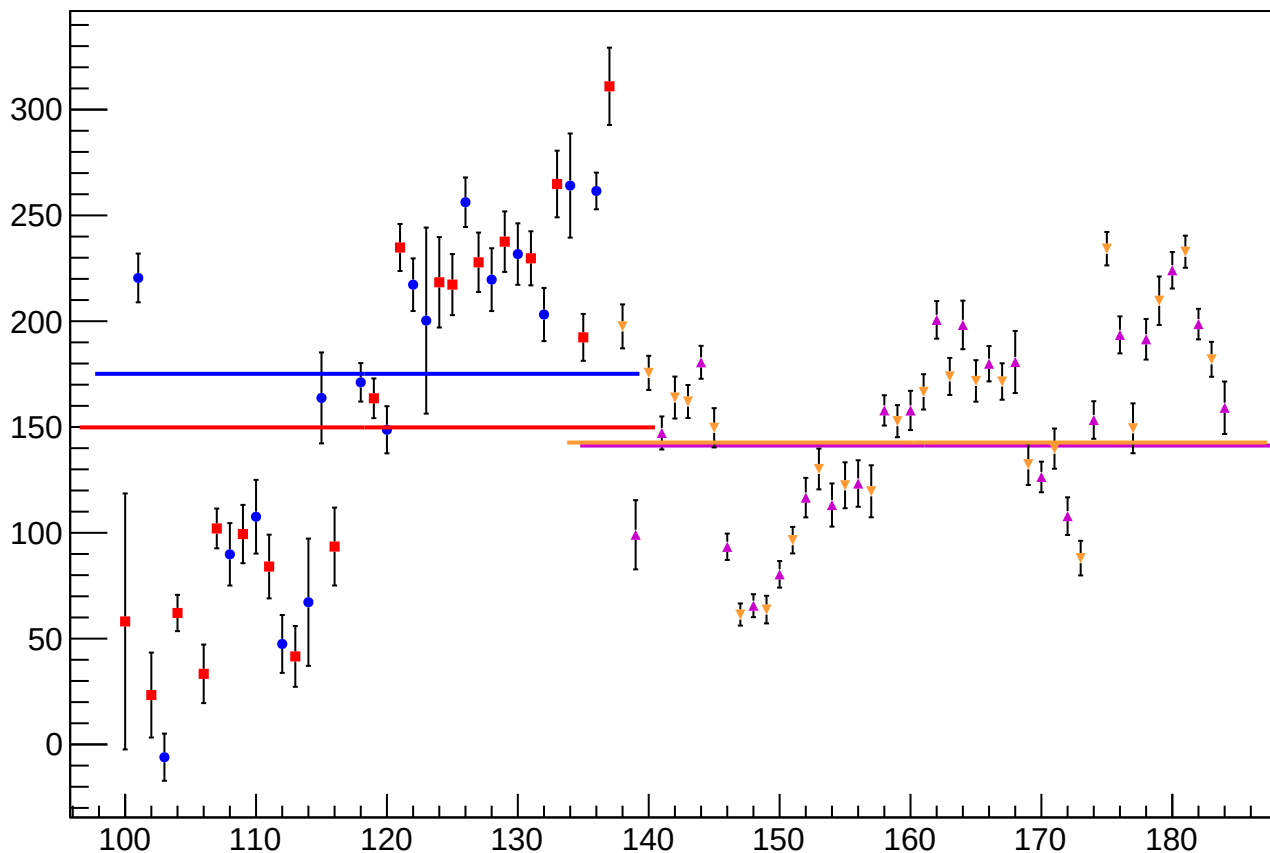
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 520.385+/-1.848 χ^2/NDF : 5967.6/39

Out: 517.736+/-1.828 χ^2/NDF : 6533.7/42

All: 519.046+/-1.299 χ^2/NDF : 12502.3/82

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 142.672 $\pm$ 1.709 χ^2 /NDF:928.9/23

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 141.248 $\pm$ 1.744 χ^2 /NDF:744.2/22

Left: 141.974 $\pm$ 1.221 χ^2 /NDF: 1673.4/46

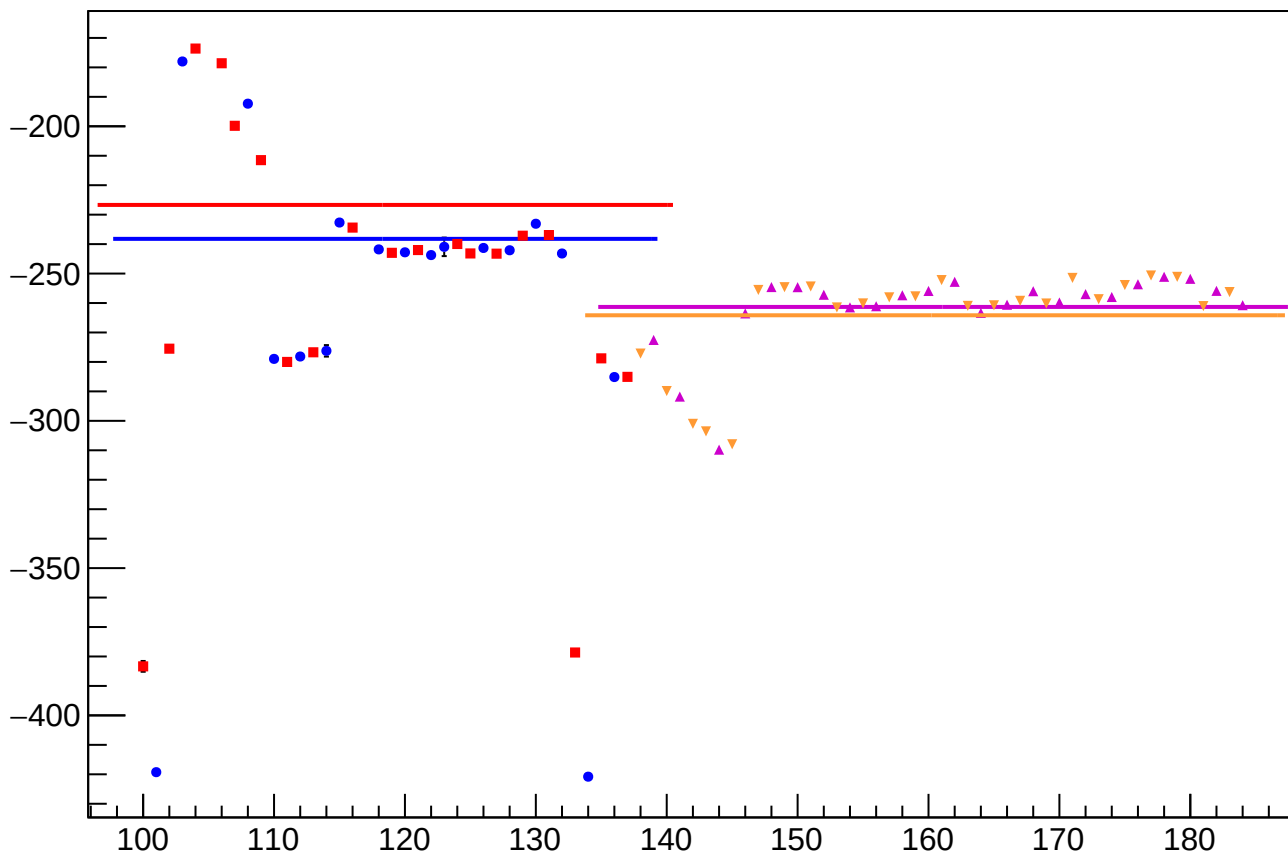
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 148.974 $\pm$ 1.532 χ^2 /NDF:1465.9/39

Out: 144.388 $\pm$ 1.490 χ^2 /NDF:1621.6/42

All: 146.617 $\pm$ 1.068 χ^2 /NDF: 3092.1/82

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -264.161+/-0.082 χ^2/NDF : 38717.8/23

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -261.325+/-0.082 χ^2/NDF : 23449.2/22

Left: -262.737+/-0.058 χ^2/NDF : 62767.4/46

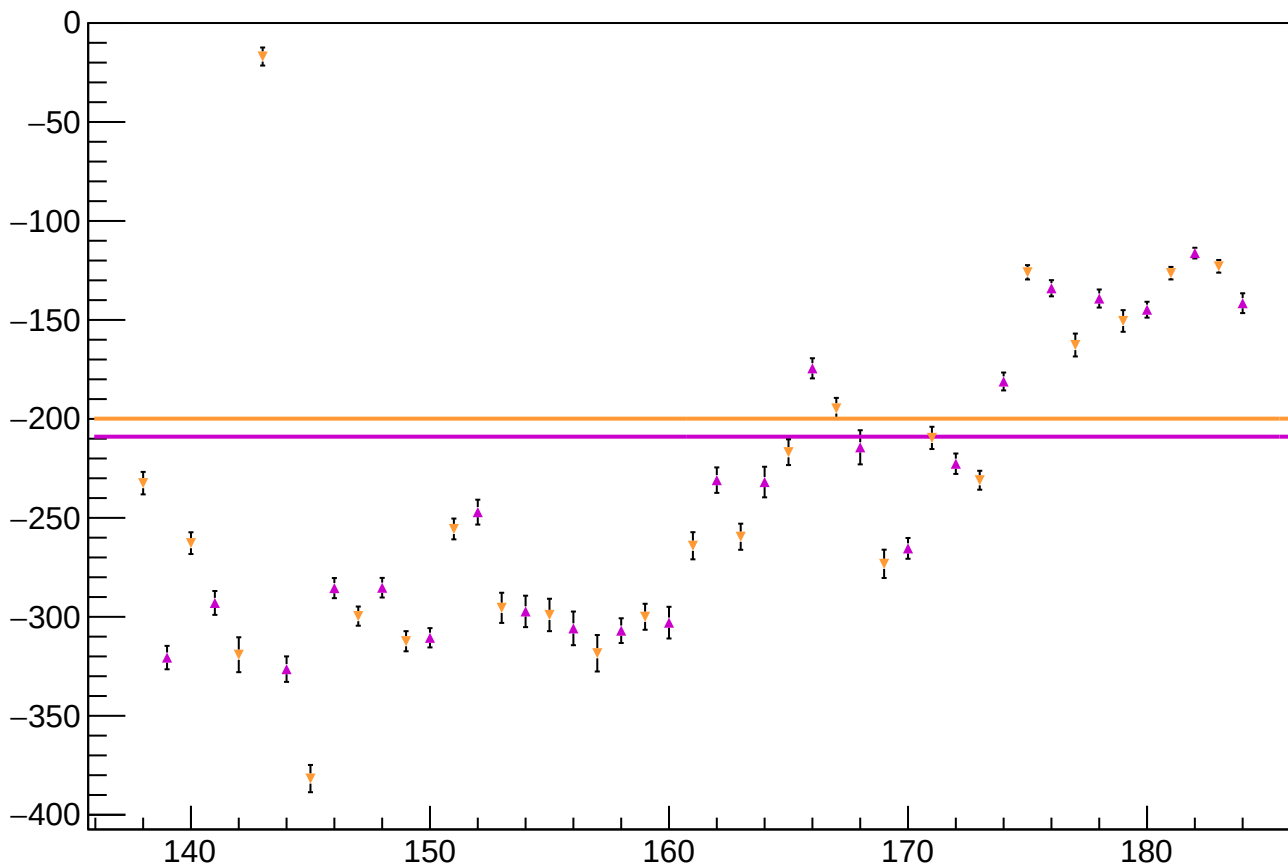
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.554+/-0.073 χ^2/NDF : 207087.4/39

Out: -255.629+/-0.072 χ^2/NDF : 189040.1/42

All: -256.088+/-0.051 χ^2/NDF : 396209.0/82

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -199.873+/-1.075 χ^2/NDF :6360.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -208.981+/-1.078 χ^2/NDF :4865.2/22

Left: -204.414+/-0.761 χ^2/NDF : 11261.9/46

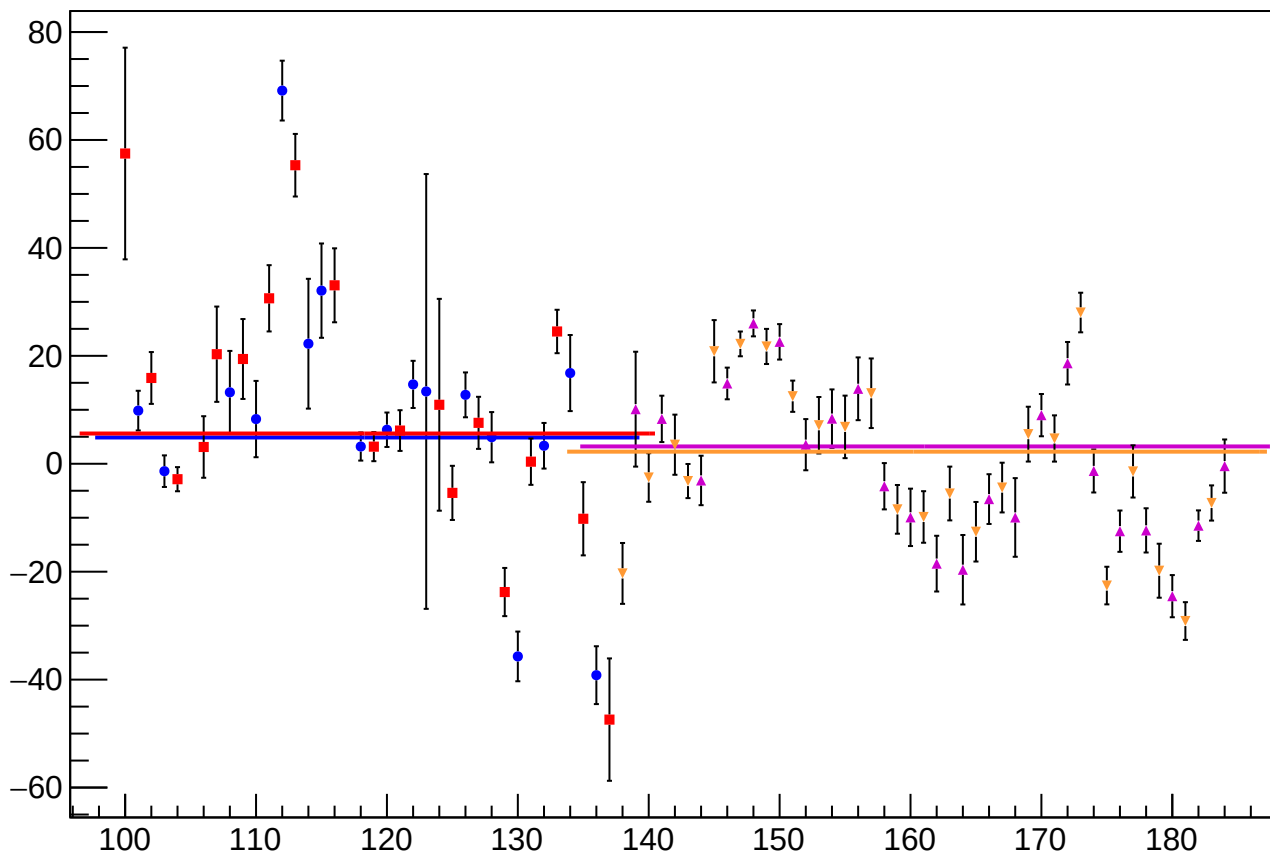
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -208.981+/-1.078 χ^2/NDF :4865.2/22

Out: -199.873+/-1.075 χ^2/NDF :6360.9/23

All: -204.414+/-0.761 χ^2/NDF : 11261.9/46

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 $\pm$ 1.091 χ^2 /NDF: 311.5/16

Left Out: 2.243 $\pm$ 0.828 χ^2 /NDF:392.8/23

Right Out: 5.605 $\pm$ 1.069 χ^2 /NDF: 238.6/18

Left In: 3.208 $\pm$ 0.854 χ^2 /NDF:323.8/22

Left: 2.711 $\pm$ 0.595 χ^2 /NDF: 717.2/46

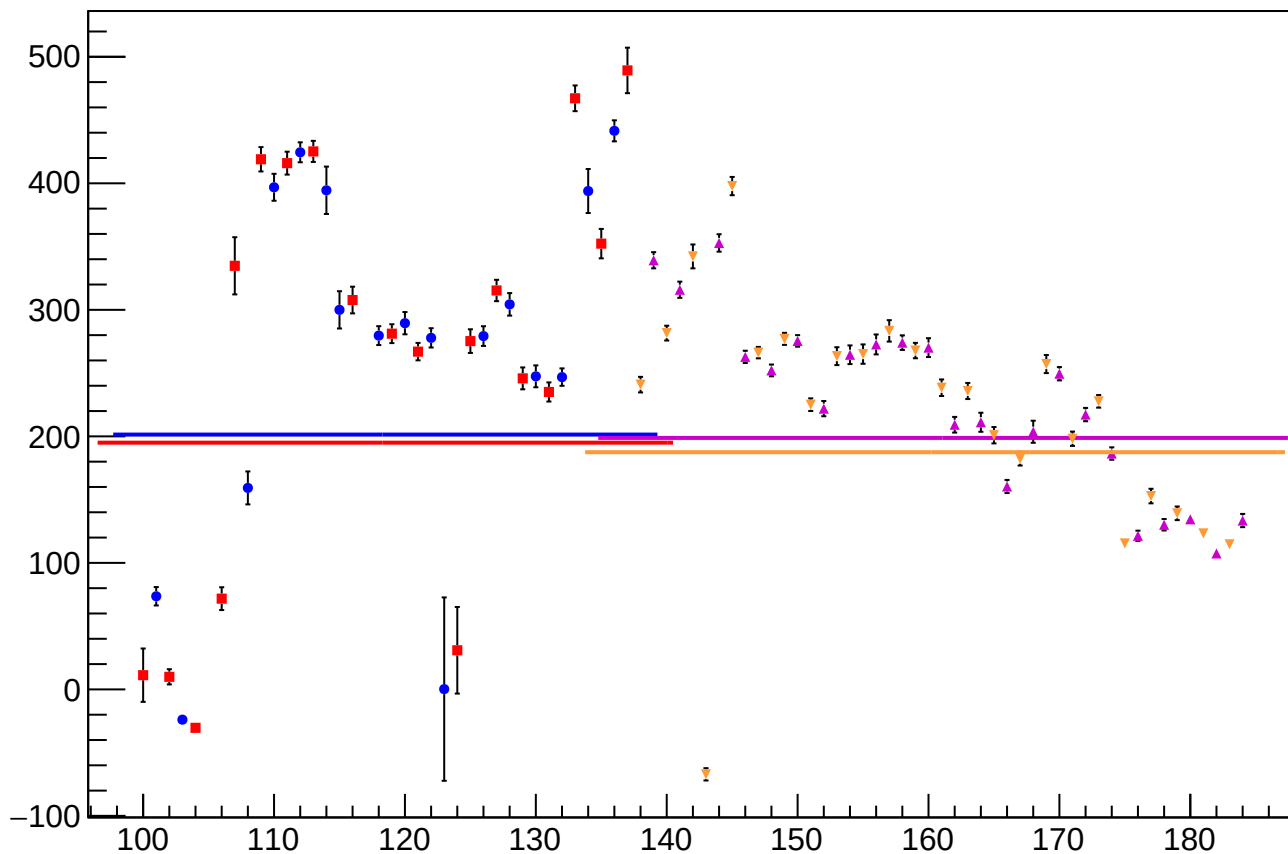
Right: 5.245 $\pm$ 0.764 χ^2 /NDF: 550.3/35

In: 3.840 $\pm$ 0.673 χ^2 /NDF:636.8/39

Out: 3.503 $\pm$ 0.655 χ^2 /NDF:637.5/42

All: 3.667 $\pm$ 0.469 χ^2 /NDF: 1274.4/82

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 187.483 $\pm$ 1.079 χ^2 /NDF: 7082.1/23

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 198.762 $\pm$ 1.078 χ^2 /NDF: 4590.0/22

Left: 193.126 $\pm$ 0.762 χ^2 /NDF: 11726.8/46

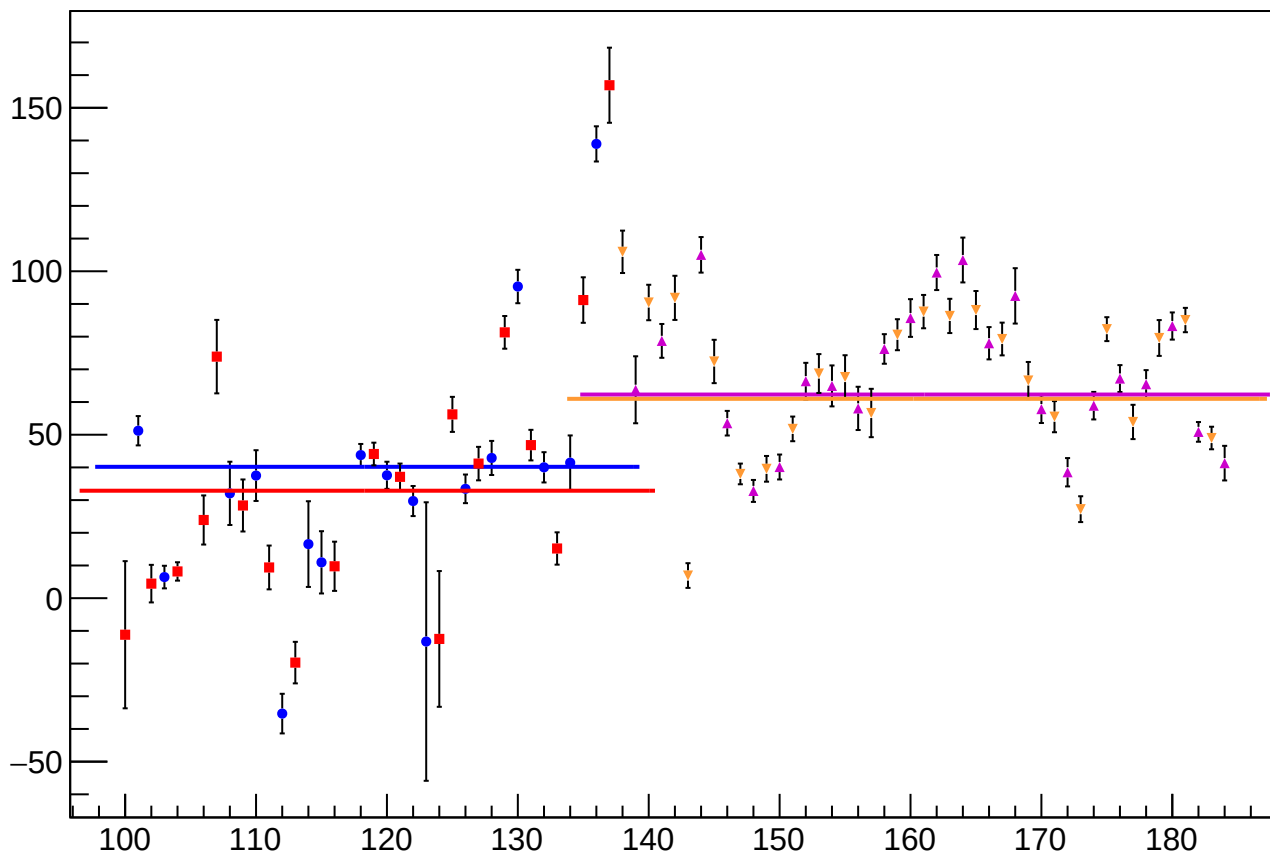
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 199.369 $\pm$ 0.946 χ^2 /NDF: 11331.8/39

Out: 189.287 $\pm$ 0.941 χ^2 /NDF: 15348.5/42

All: 194.301 $\pm$ 0.667 χ^2 /NDF: 26737.4/82

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2 /NDF: 734.0/16

Left Out: 60.979+/-0.951 χ^2 /NDF:677.0/23

Right Out: 32.873+/-1.251 χ^2 /NDF: 551.0/18

Left In: 62.290+/-0.971 χ^2 /NDF:411.6/22

Left: 61.621+/-0.680 χ^2 /NDF: 1089.6/46

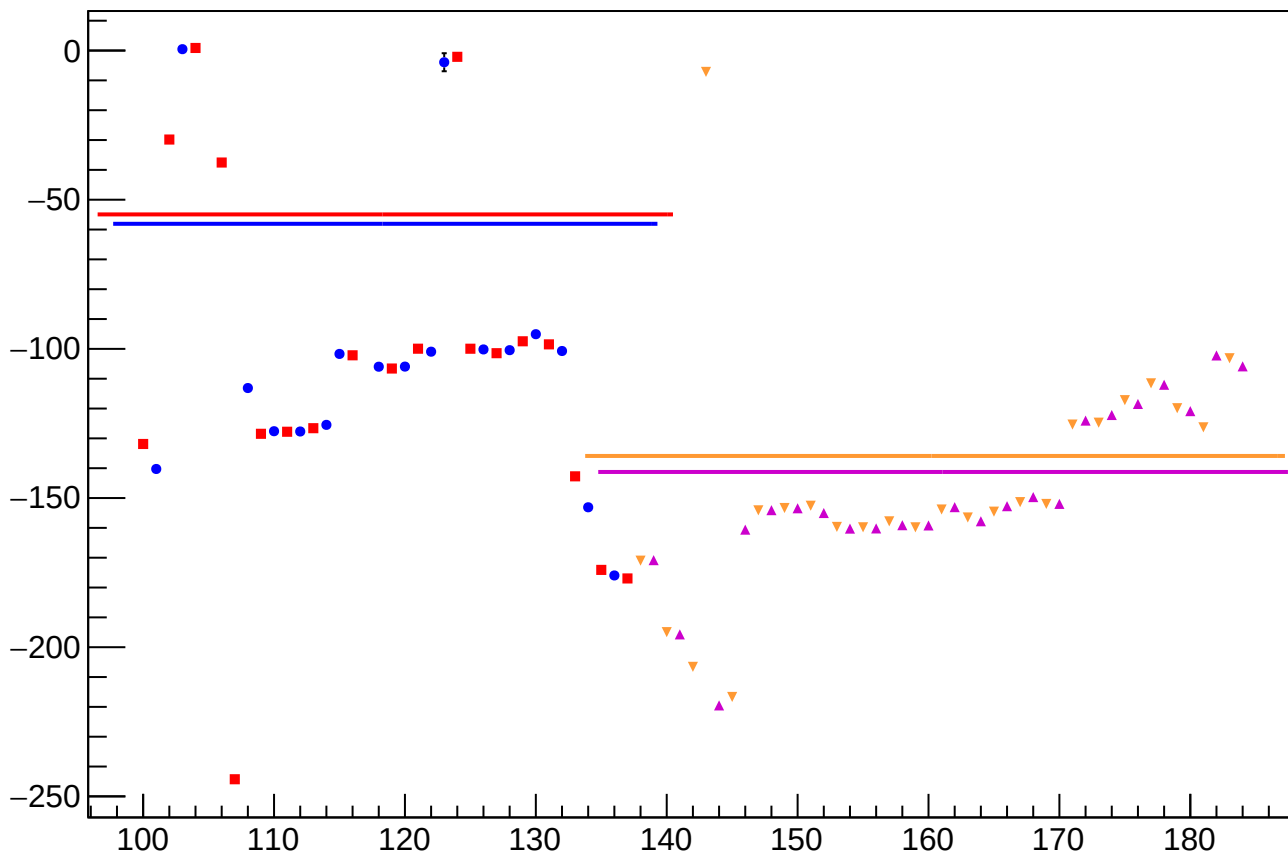
Right: 36.473+/-0.891 χ^2 /NDF: 1301.8/35

In: 54.131+/-0.771 χ^2 /NDF:1336.9/39

Out: 50.679+/-0.757 χ^2 /NDF:1547.9/42

All: 52.373+/-0.540 χ^2 /NDF: 2895.0/82

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -135.893 $\pm$ 0.045 χ^2 /NDF: 786934.6/23

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -141.259 $\pm$ 0.045 χ^2 /NDF: 350045.9/22

Left: -138.585 $\pm$ 0.032 χ^2 /NDF: 1144035.2/46

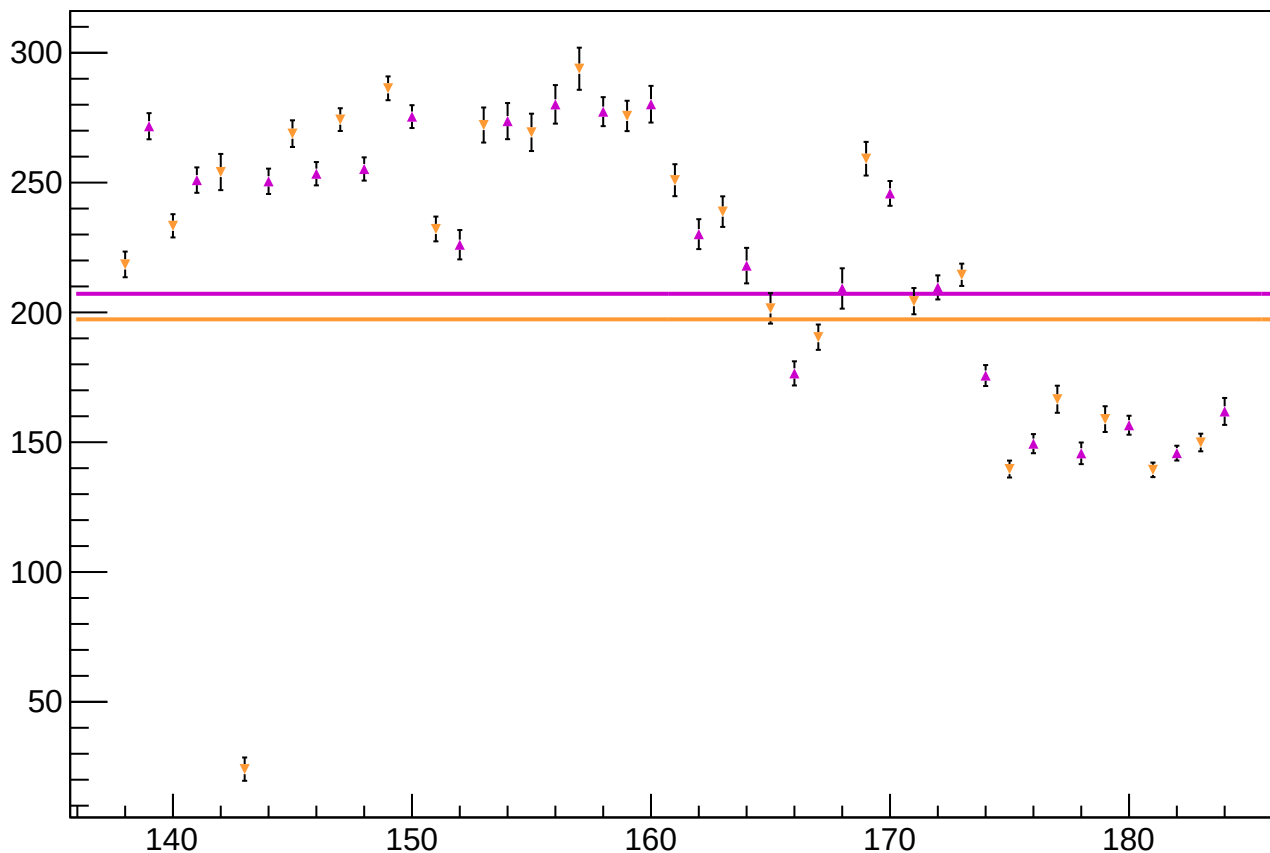
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -112.238 $\pm$ 0.036 χ^2 /NDF: 2640985.8/39

Out: -106.665 $\pm$ 0.036 χ^2 /NDF: 2946591.4/42

All: -109.434 $\pm$ 0.026 χ^2 /NDF: 5599373.3/82

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 197.330+/-0.972 χ^2/NDF : 4384.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.171+/-0.986 χ^2/NDF : 2631.6/22

Left: 202.181+/-0.692 χ^2/NDF : 7066.4/46

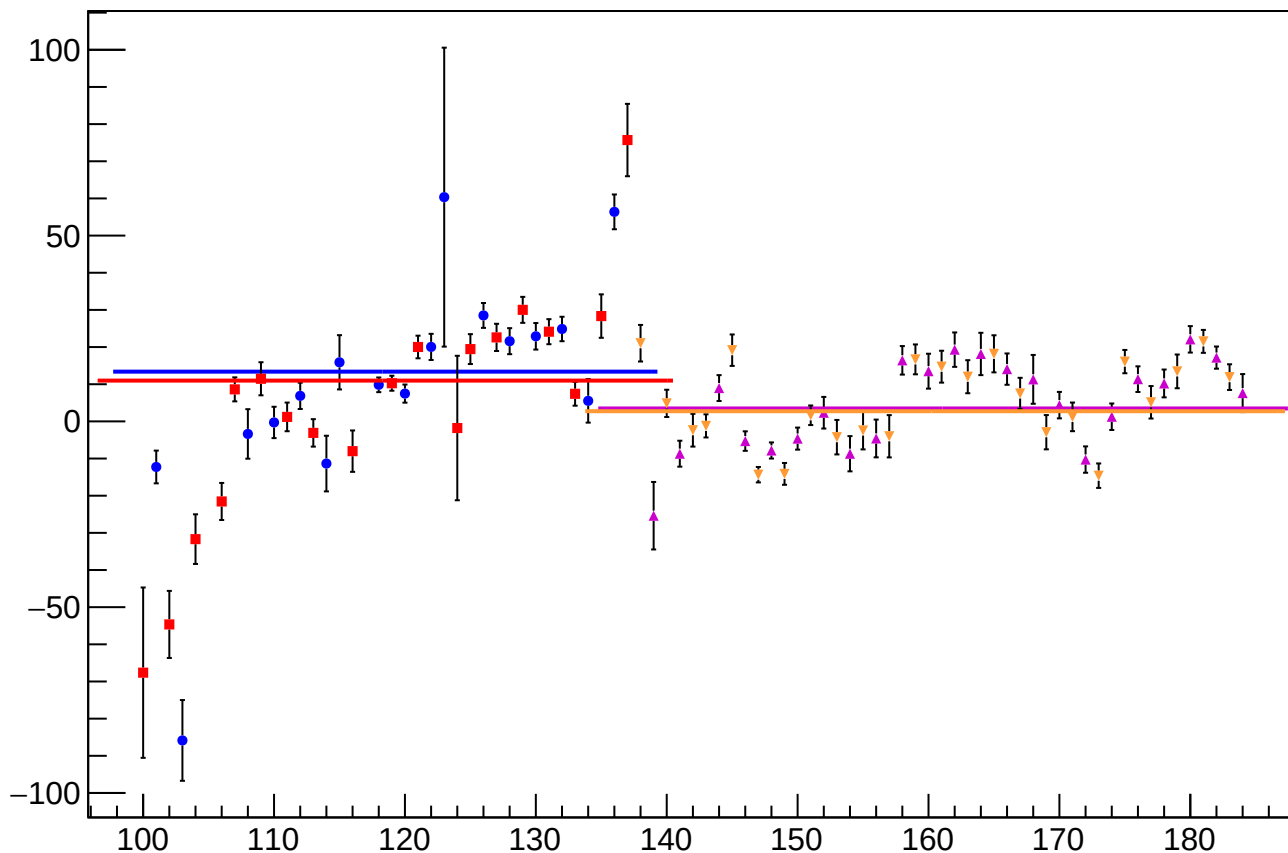
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.171+/-0.986 χ^2/NDF : 2631.6/22

Out: 197.330+/-0.972 χ^2/NDF : 4384.3/23

All: 202.181+/-0.692 χ^2/NDF : 7066.4/46

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385+/-0.921 χ^2 /NDF: 294.1/16

Left Out: 2.738+/-0.746 χ^2 /NDF:270.4/23

Right Out: 10.975+/-0.915 χ^2 /NDF: 304.0/18

Left In: 3.478+/-0.772 χ^2 /NDF:194.7/22

Left: 3.095+/-0.537 χ^2 /NDF: 465.6/46

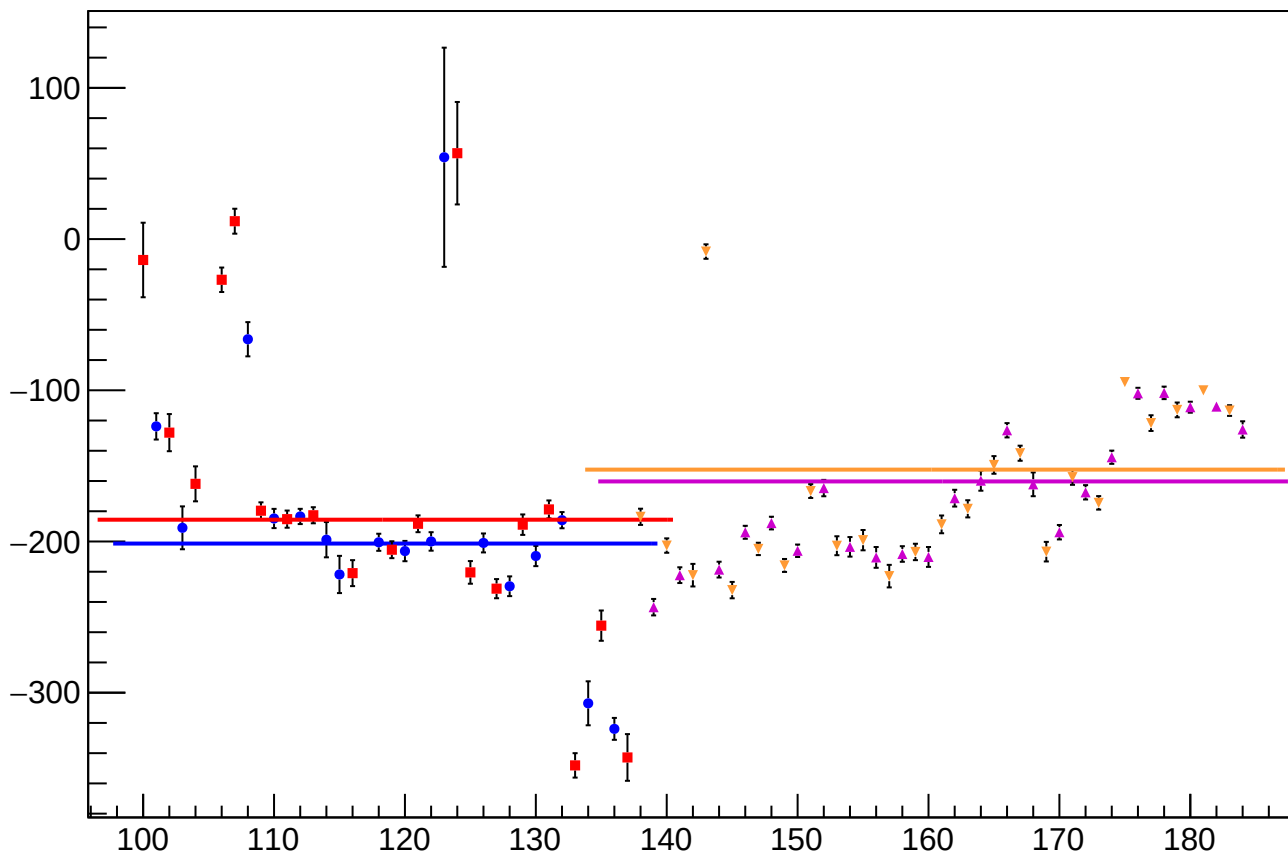
Right: 12.172+/-0.649 χ^2 /NDF: 601.5/35

In: 7.565+/-0.592 χ^2 /NDF:556.7/39

Out: 6.030+/-0.578 χ^2 /NDF:623.1/42

All: 6.780+/-0.414 χ^2 /NDF: 1183.3/82

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -152.466 ± 0.976 $\chi^2/\text{NDF}: 3074.7/23$

Right Out: -185.589 ± 1.699 $\chi^2/\text{NDF}: 1748.2/18$

Left In: -160.279 ± 0.985 $\chi^2/\text{NDF}: 2049.4/22$

Left: -156.335 ± 0.693 $\chi^2/\text{NDF}: 5155.9/46$

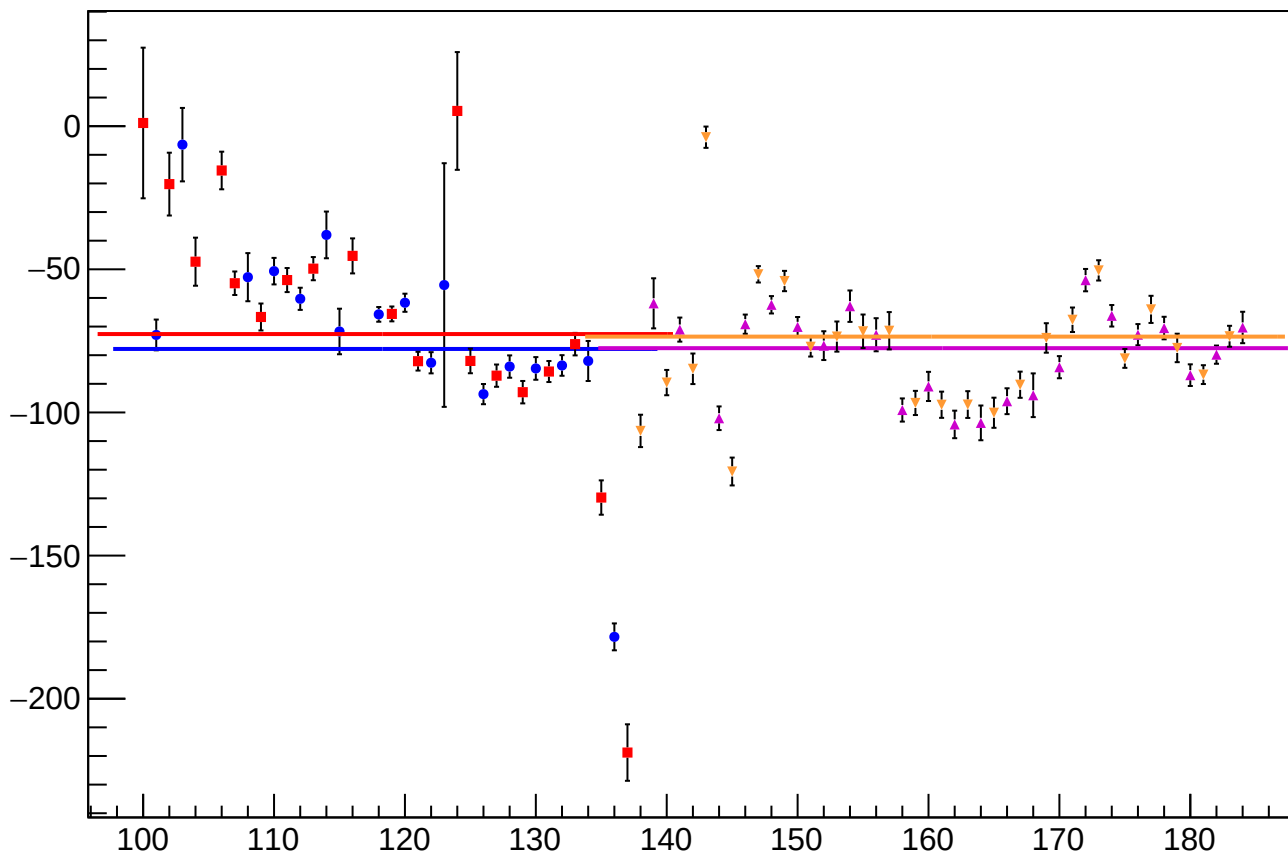
Right: -193.097 ± 1.230 $\chi^2/\text{NDF}: 2414.3/35$

In: -169.881 ± 0.862 $\chi^2/\text{NDF}: 3081.1/39$

Out: -160.676 ± 0.846 $\chi^2/\text{NDF}: 5108.7/42$

All: -165.191 ± 0.604 $\chi^2/\text{NDF}: 8247.9/82$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -73.510 ± 0.858 χ^2/NDF : 777.9/23

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -77.545 ± 0.880 χ^2/NDF : 252.7/22

Left: -75.477 ± 0.614 χ^2/NDF : 1041.4/46

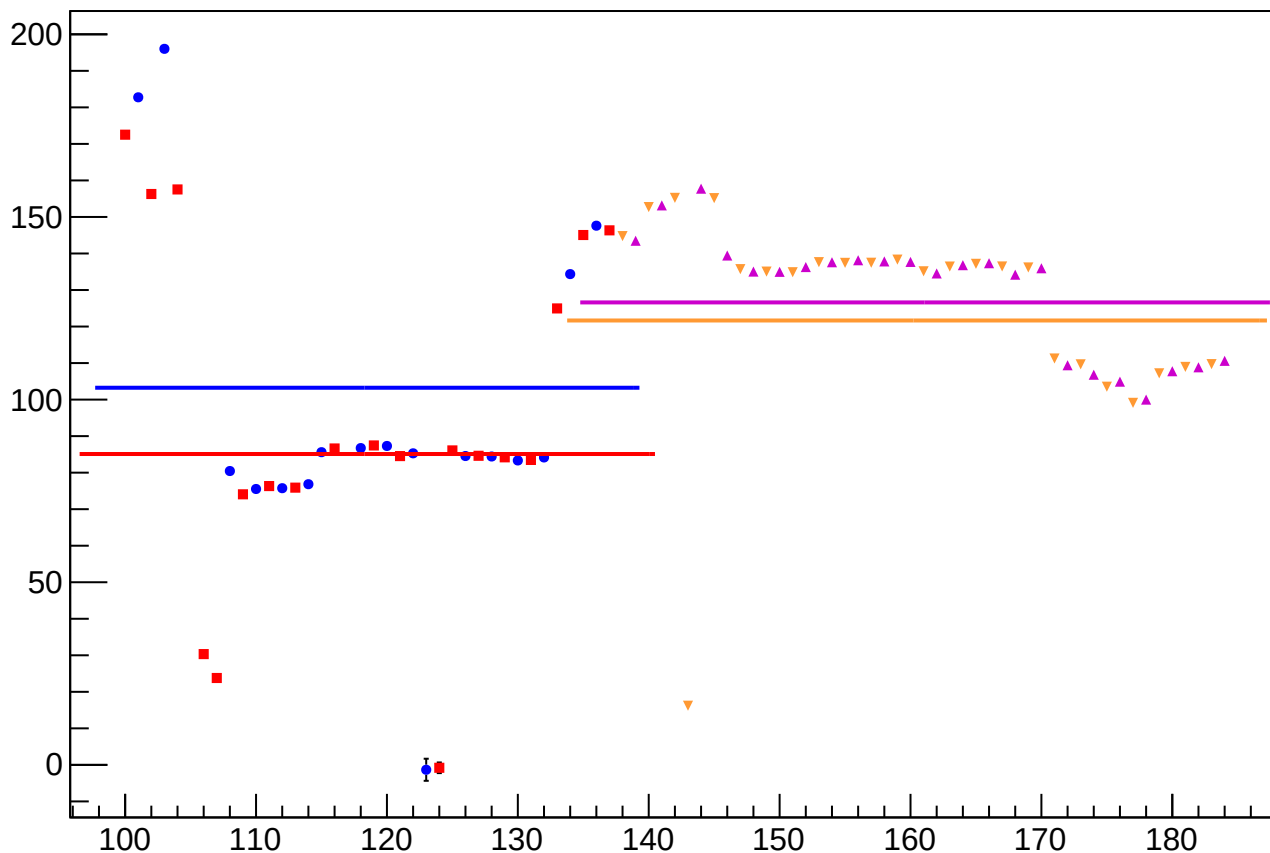
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.656 ± 0.679 χ^2/NDF : 909.1/39

Out: -73.153 ± 0.665 χ^2/NDF : 1385.2/42

All: -75.357 ± 0.475 χ^2/NDF : 2316.8/82

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 121.658 $\pm$ 0.041 χ^2 /NDF: 479964.6/23

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 126.605 $\pm$ 0.041 χ^2 /NDF: 164757.9/22

Left: 124.126 $\pm$ 0.029 χ^2 /NDF: 652056.8/46

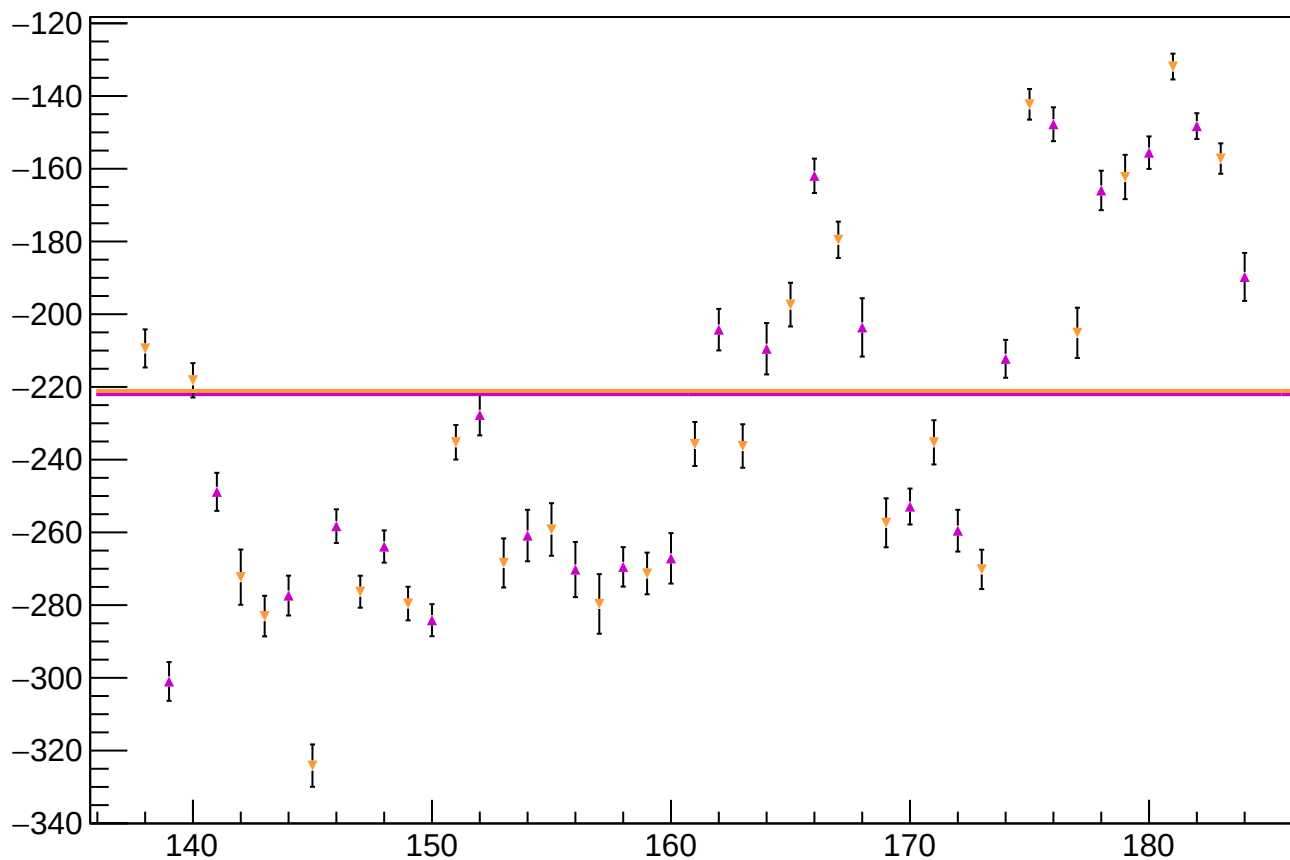
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 120.720 $\pm$ 0.035 χ^2 /NDF: 520356.1/39

Out: 111.027 $\pm$ 0.034 χ^2 /NDF: 1136939.1/42

All: 115.733 $\pm$ 0.025 χ^2 /NDF: 1695940.1/82

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -221.110+/-1.093 χ^2/NDF :2547.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -221.980+/-1.098 χ^2/NDF :2190.6/22

Left: -221.543+/-0.775 χ^2/NDF : 4738.8/46

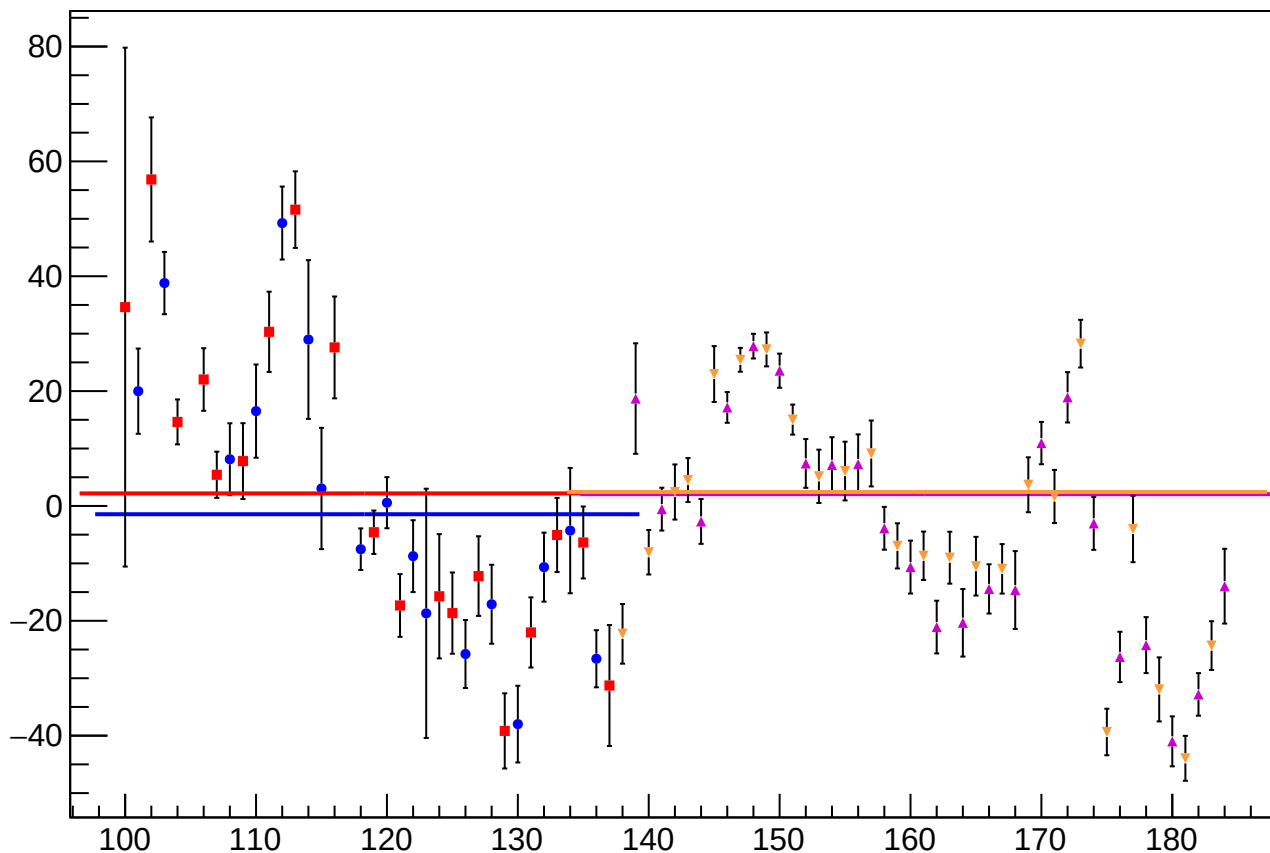
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -221.980+/-1.098 χ^2/NDF :2190.6/22

Out: -221.110+/-1.093 χ^2/NDF :2547.8/23

All: -221.543+/-0.775 χ^2/NDF : 4738.8/46

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 2.438 ± 0.811 χ^2/NDF : 666.3/23

Right Out: 2.188 ± 1.400 χ^2/NDF : 230.7/18

Left In: 2.050 ± 0.833 χ^2/NDF : 592.6/22

Left: 2.249 ± 0.581 χ^2/NDF : 1259.0/46

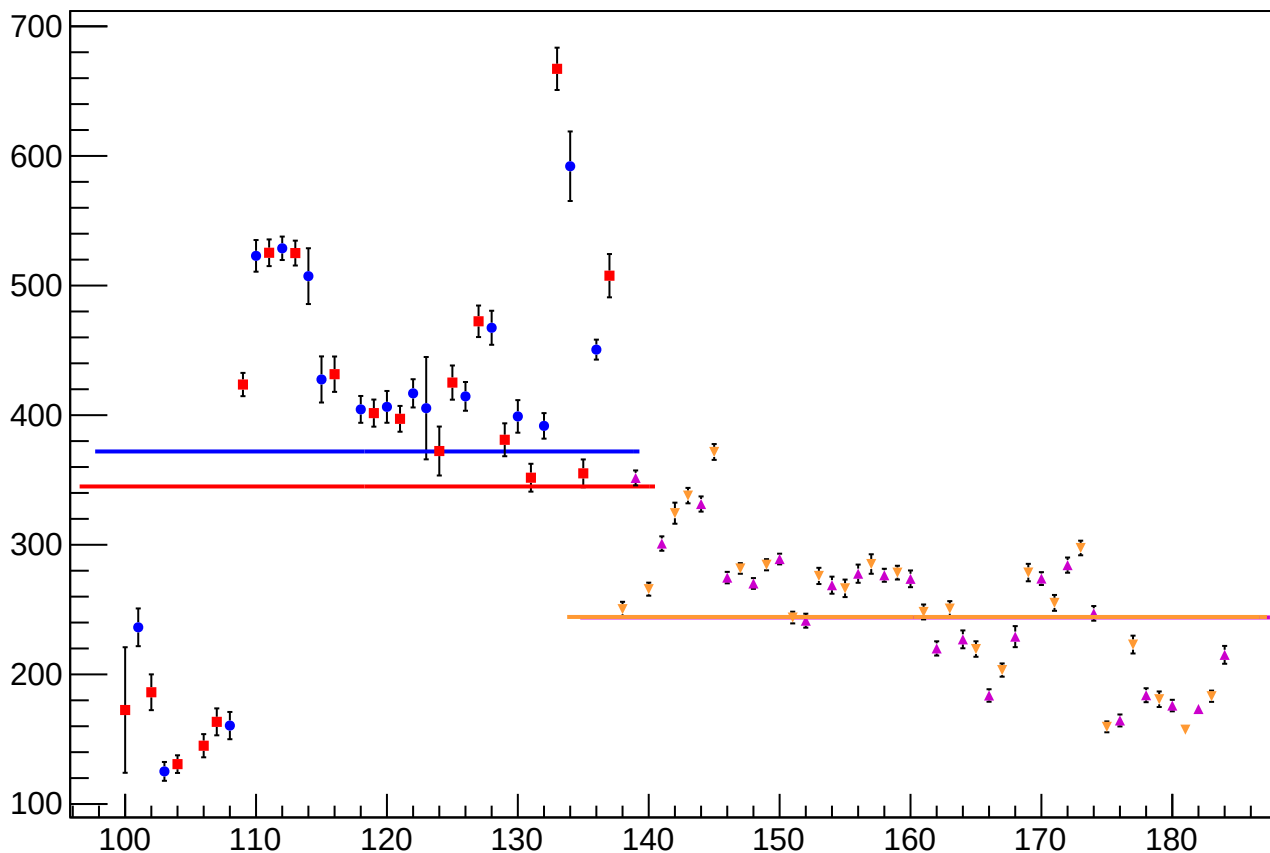
Right: 0.518 ± 1.029 χ^2/NDF : 458.2/35

In: 1.240 ± 0.730 χ^2/NDF : 821.1/39

Out: 2.375 ± 0.702 χ^2/NDF : 897.0/42

All: 1.830 ± 0.506 χ^2/NDF : 1719.3/82

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 244.321 $\pm$ 1.090 χ^2 /NDF:2559.6/23

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 243.933 $\pm$ 1.090 χ^2 /NDF:2294.8/22

Left: 244.127 $\pm$ 0.771 χ^2 /NDF: 4854.4/46

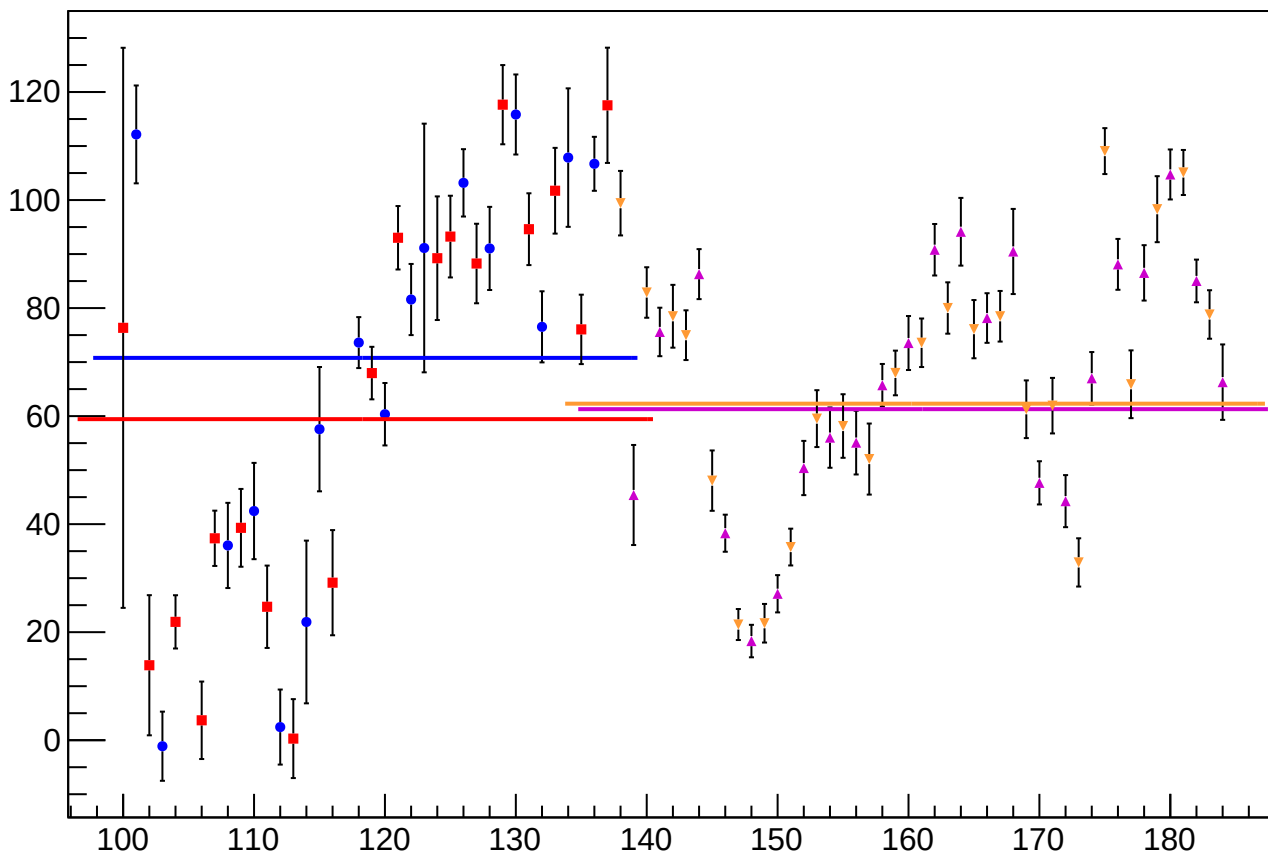
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 261.163 $\pm$ 1.014 χ^2 /NDF:6582.9/39

Out: 259.757 $\pm$ 1.003 χ^2 /NDF:7282.4/42

All: 260.452 $\pm$ 0.713 χ^2 /NDF: 13866.3/82

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 62.302 $\pm$ 0.942 χ^2 /NDF:834.8/23

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 61.286 $\pm$ 0.959 χ^2 /NDF:702.8/22

Left: 61.803 $\pm$ 0.672 χ^2 /NDF: 1538.2/46

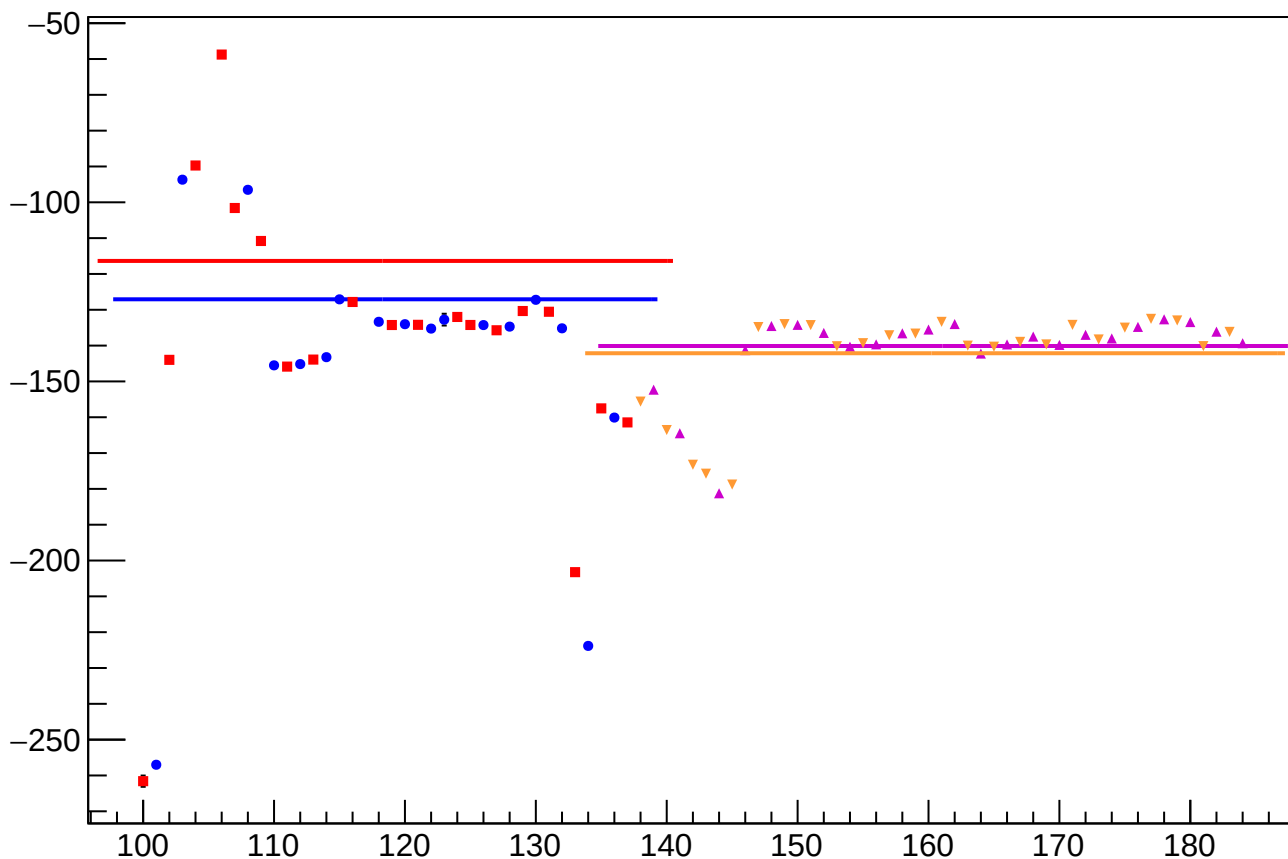
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 63.485 $\pm$ 0.840 χ^2 /NDF:1149.4/39

Out: 61.585 $\pm$ 0.816 χ^2 /NDF:1323.9/42

All: 62.507 $\pm$ 0.585 χ^2 /NDF: 2475.9/82

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: -142.135 ± 0.045 $\chi^2/\text{NDF}: 79564.9/23$

Right Out: -116.365 ± 0.083 $\chi^2/\text{NDF}: 167555.3/18$

Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

Left: -141.116 ± 0.032 $\chi^2/\text{NDF}: 128976.6/46$

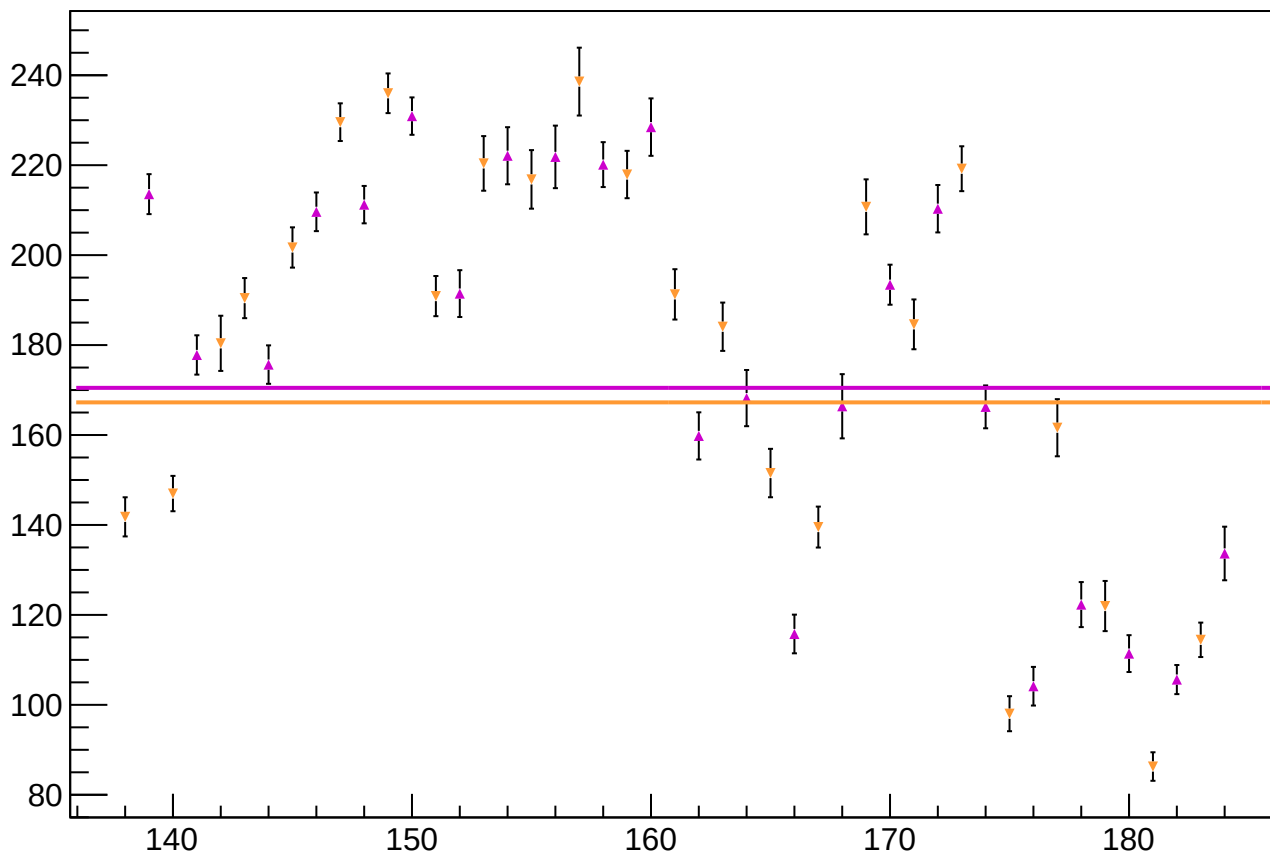
Right: -121.310 ± 0.061 $\chi^2/\text{NDF}: 342291.2/35$

In: -137.498 ± 0.040 $\chi^2/\text{NDF}: 232380.7/39$

Out: -136.242 ± 0.040 $\chi^2/\text{NDF}: 321653.3/42$

All: -136.863 ± 0.028 $\chi^2/\text{NDF}: 554530.8/82$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 167.256 $\pm$ 0.978 χ^2 /NDF:2427.4/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 170.487 $\pm$ 0.991 χ^2 /NDF:2036.5/22

Left: 168.849 $\pm$ 0.696 χ^2 /NDF: 4469.2/46

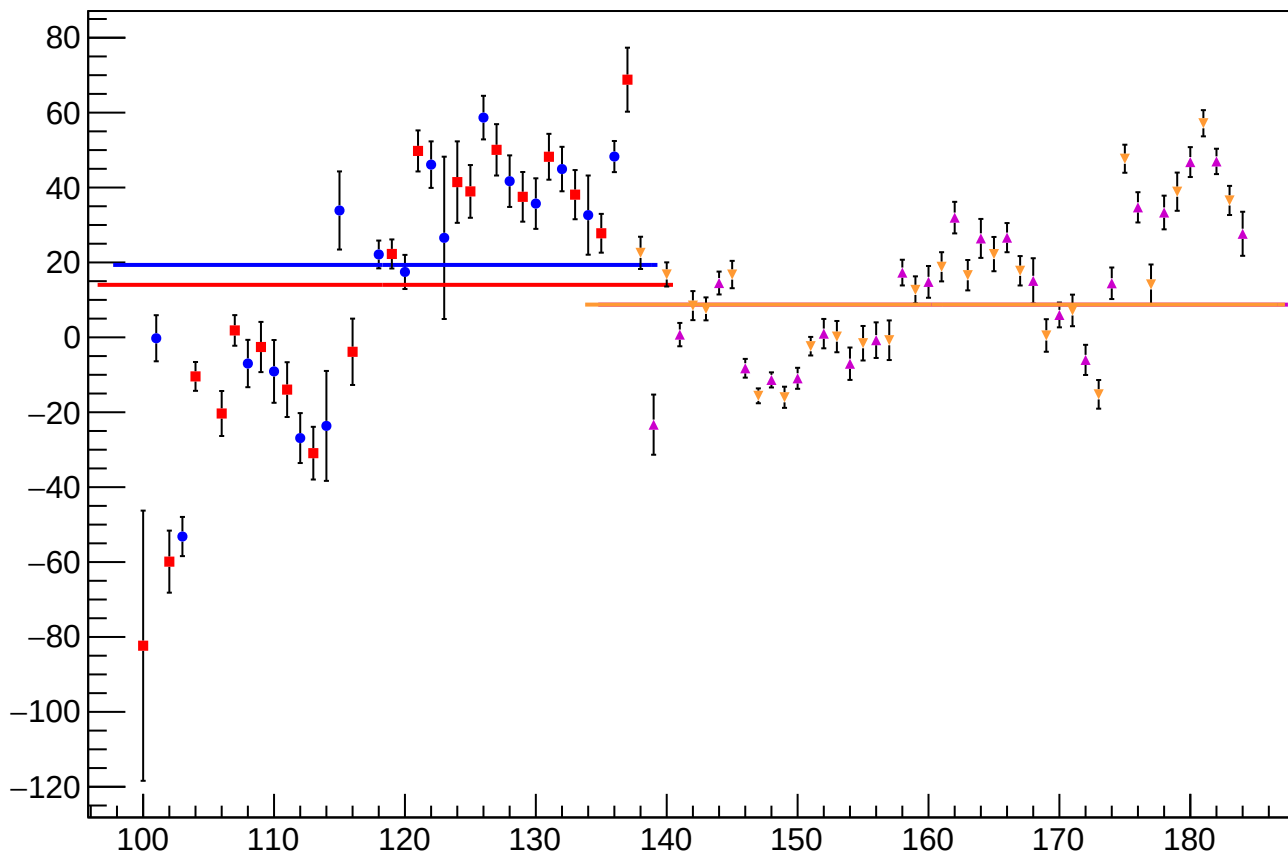
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 170.487 $\pm$ 0.991 χ^2 /NDF:2036.5/22

Out: 167.256 $\pm$ 0.978 χ^2 /NDF:2427.4/23

All: 168.849 $\pm$ 0.696 χ^2 /NDF: 4469.2/46

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 8.744 ± 0.732 $\chi^2/\text{NDF}: 736.6/23$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: 8.730 ± 0.757 $\chi^2/\text{NDF}: 630.1/22$

Left: 8.737 ± 0.526 $\chi^2/\text{NDF}: 1366.7/46$

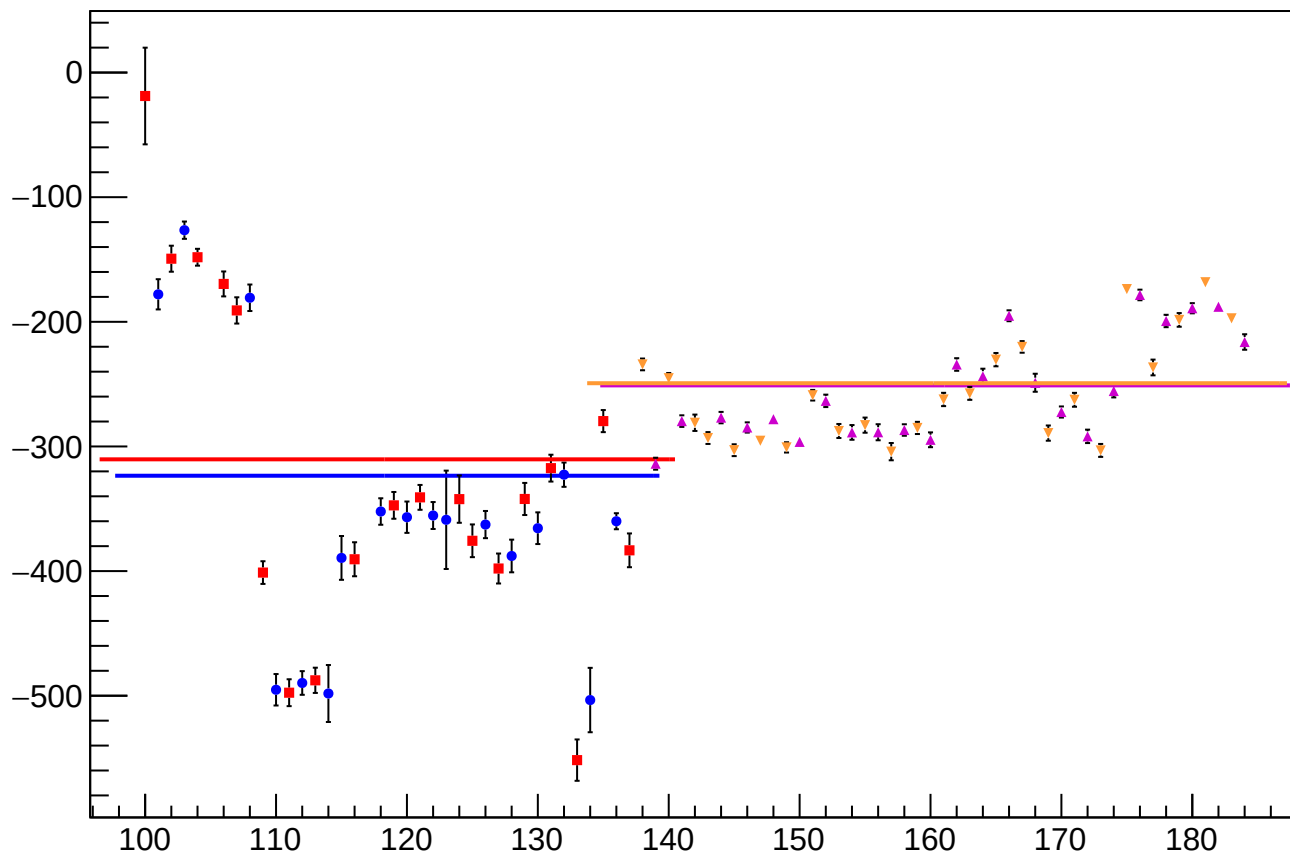
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 10.923 ± 0.674 $\chi^2/\text{NDF}: 1110.6/39$

Out: 9.889 ± 0.648 $\chi^2/\text{NDF}: 1181.0/42$

All: 10.385 ± 0.467 $\chi^2/\text{NDF}: 2292.8/82$

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: -249.260 ± 0.979 χ^2/NDF : 2200.8/23

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -251.002 ± 0.987 χ^2/NDF : 1958.3/22

Left: -250.125 ± 0.695 χ^2/NDF : 4160.7/46

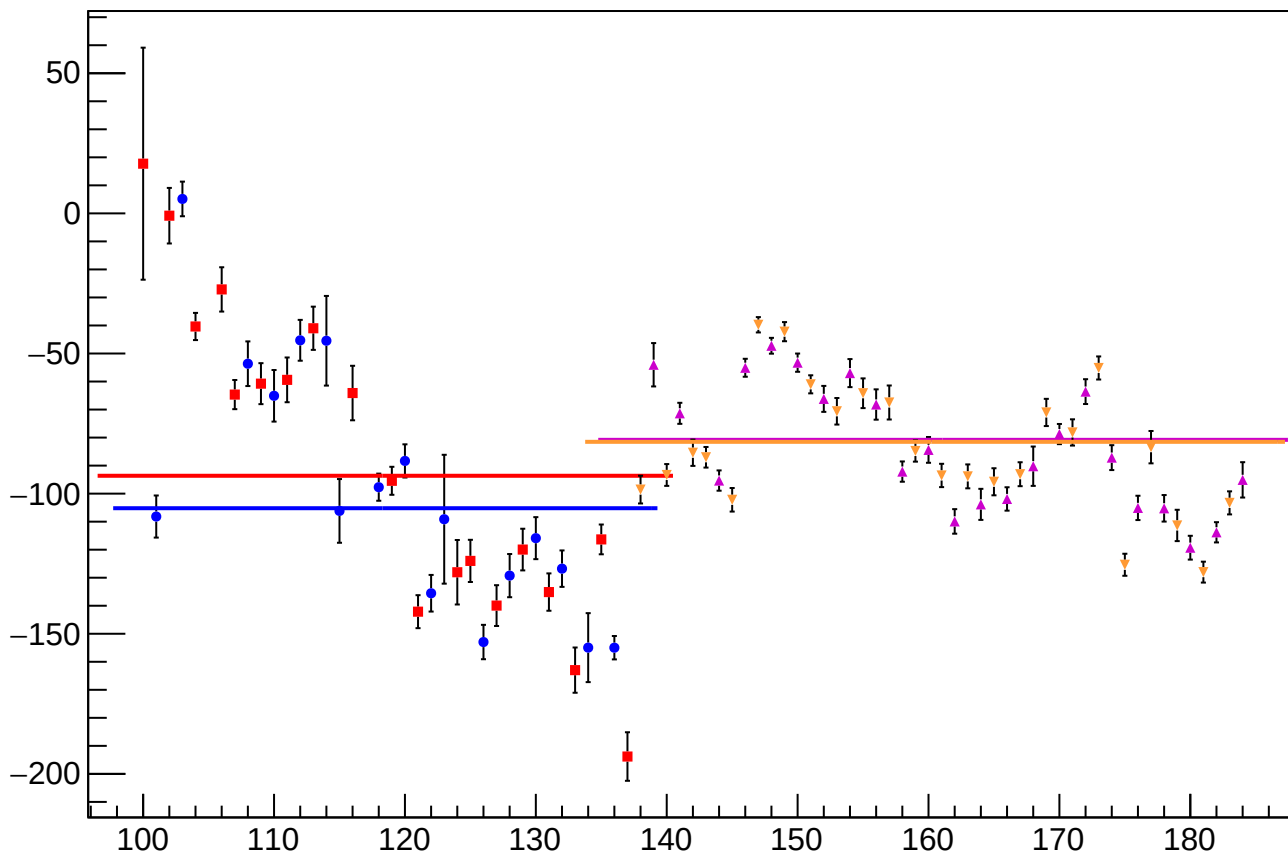
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -259.698 ± 0.926 χ^2/NDF : 4453.3/39

Out: -257.261 ± 0.913 χ^2/NDF : 5011.1/42

All: -258.462 ± 0.650 χ^2/NDF : 9467.9/82

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -81.512 ± 0.848 χ^2/NDF : 891.4/23

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -80.803 ± 0.870 χ^2/NDF : 695.4/22

Left: -81.167 ± 0.607 χ^2/NDF : 1587.2/46

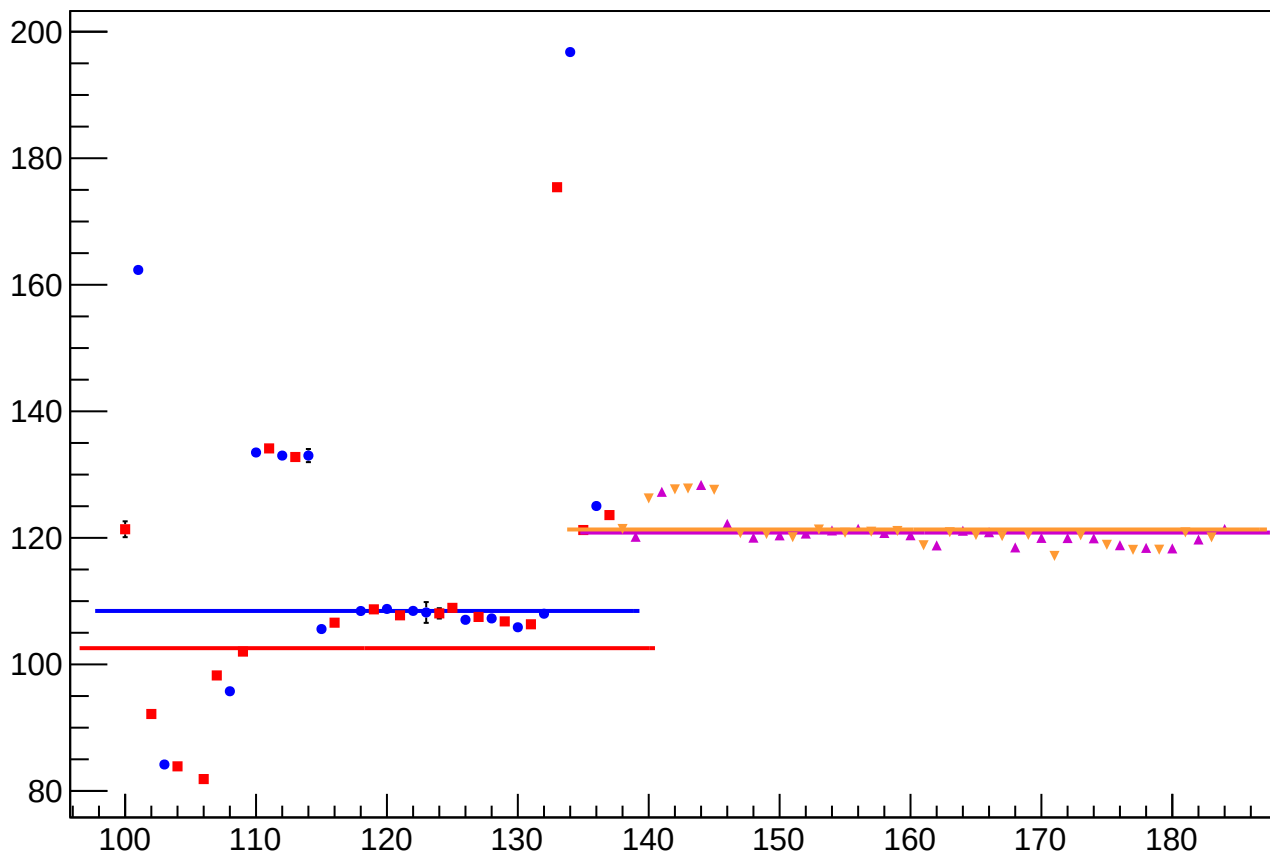
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -85.880 ± 0.774 χ^2/NDF : 1594.8/39

Out: -84.144 ± 0.750 χ^2/NDF : 1758.4/42

All: -84.985 ± 0.539 χ^2/NDF : 3355.8/82

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 121.324 $\pm$ 0.040 χ^2 /NDF: 4883.8/23

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

Left: 121.080 $\pm$ 0.029 χ^2 /NDF: 8329.4/46

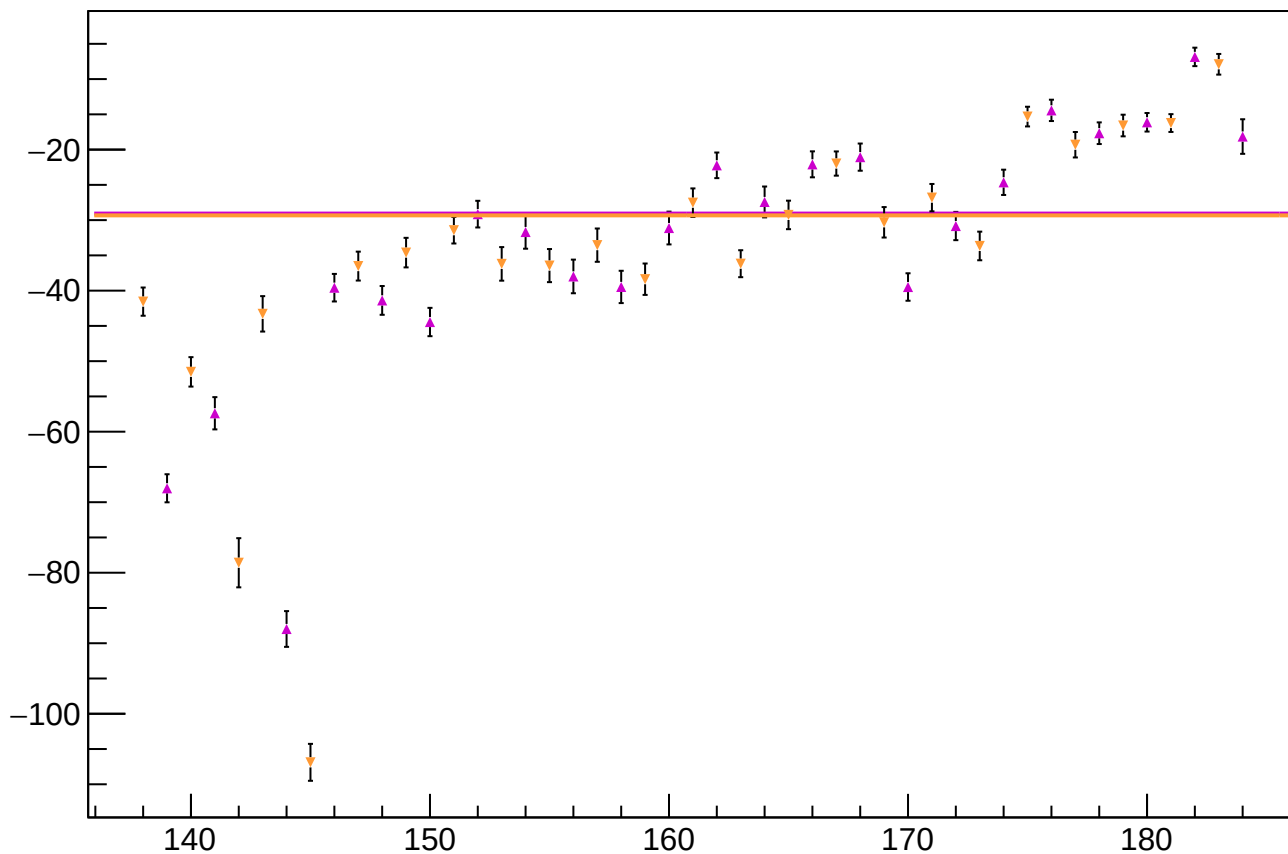
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.532 $\pm$ 0.037 χ^2 /NDF: 94009.7/39

Out: 117.458 $\pm$ 0.036 χ^2 /NDF: 102283.8/42

All: 117.988 $\pm$ 0.026 χ^2 /NDF: 196731.1/82

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.325+/-0.392 χ^2/NDF :1875.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.073+/-0.394 χ^2/NDF :1872.4/22

Left: -29.200+/-0.278 χ^2/NDF : 3747.9/46

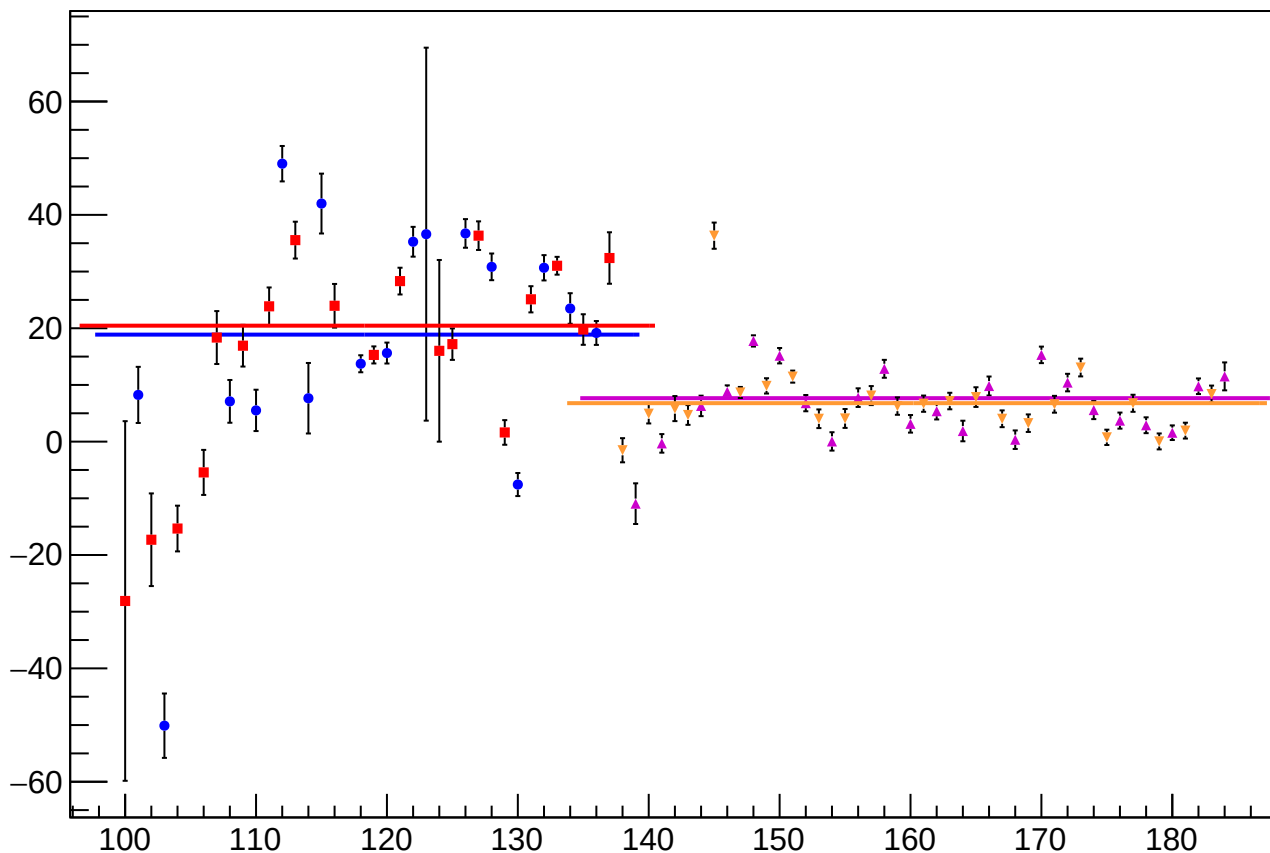
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.073+/-0.394 χ^2/NDF :1872.4/22

Out: -29.325+/-0.392 χ^2/NDF :1875.3/23

All: -29.200+/-0.278 χ^2/NDF : 3747.9/46

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 6.785 $\pm$ 0.305 χ^2 /NDF:297.2/23

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 7.666 $\pm$ 0.313 χ^2 /NDF:341.1/22

Left: 7.214 $\pm$ 0.218 χ^2 /NDF: 642.4/46

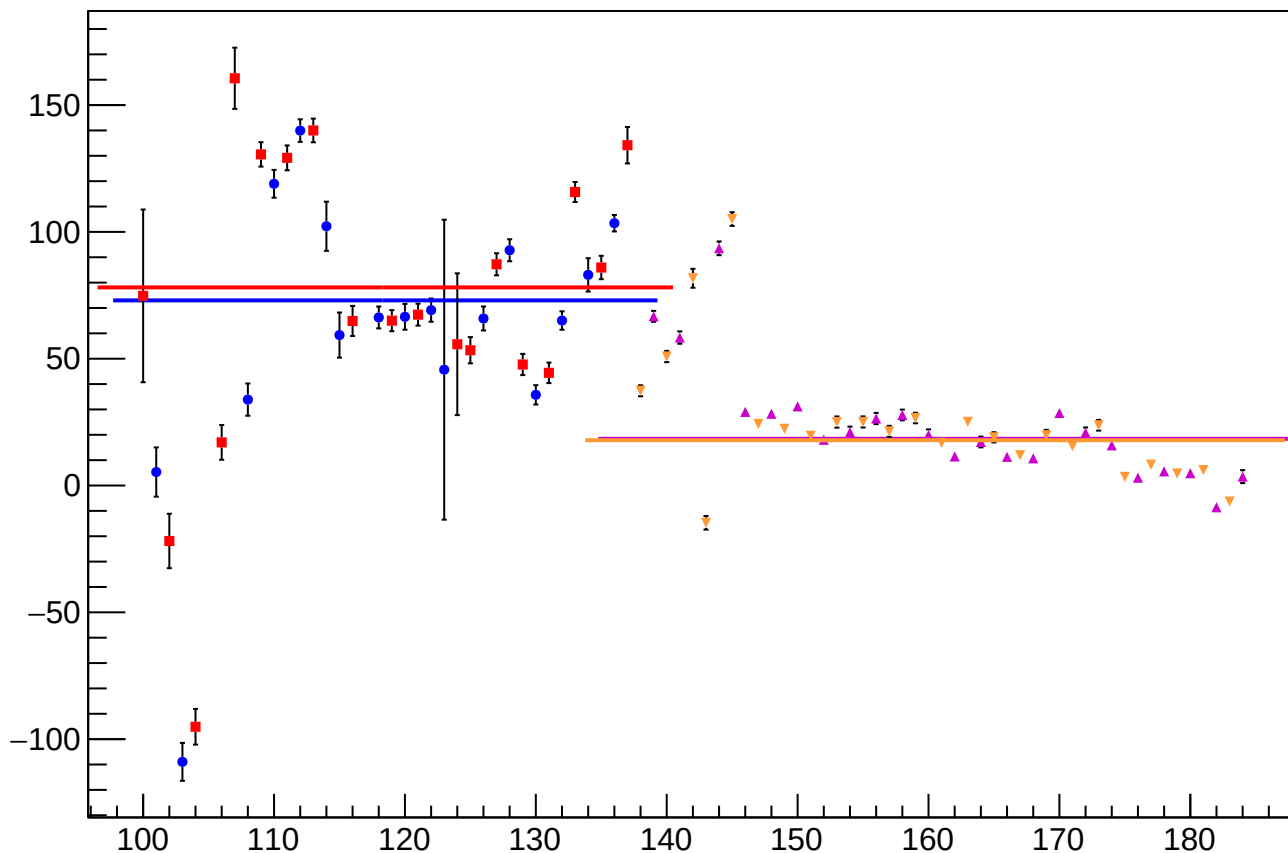
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 9.803 $\pm$ 0.281 χ^2 /NDF:1206.5/39

Out: 9.292 $\pm$ 0.276 χ^2 /NDF:1030.5/42

All: 9.542 $\pm$ 0.197 χ^2 /NDF: 2238.7/82

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 17.851 $\pm$ 0.390 χ^2 /NDF:2423.1/23

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 18.416 $\pm$ 0.391 χ^2 /NDF:2468.4/22

Left: 18.133 $\pm$ 0.276 χ^2 /NDF: 4892.6/46

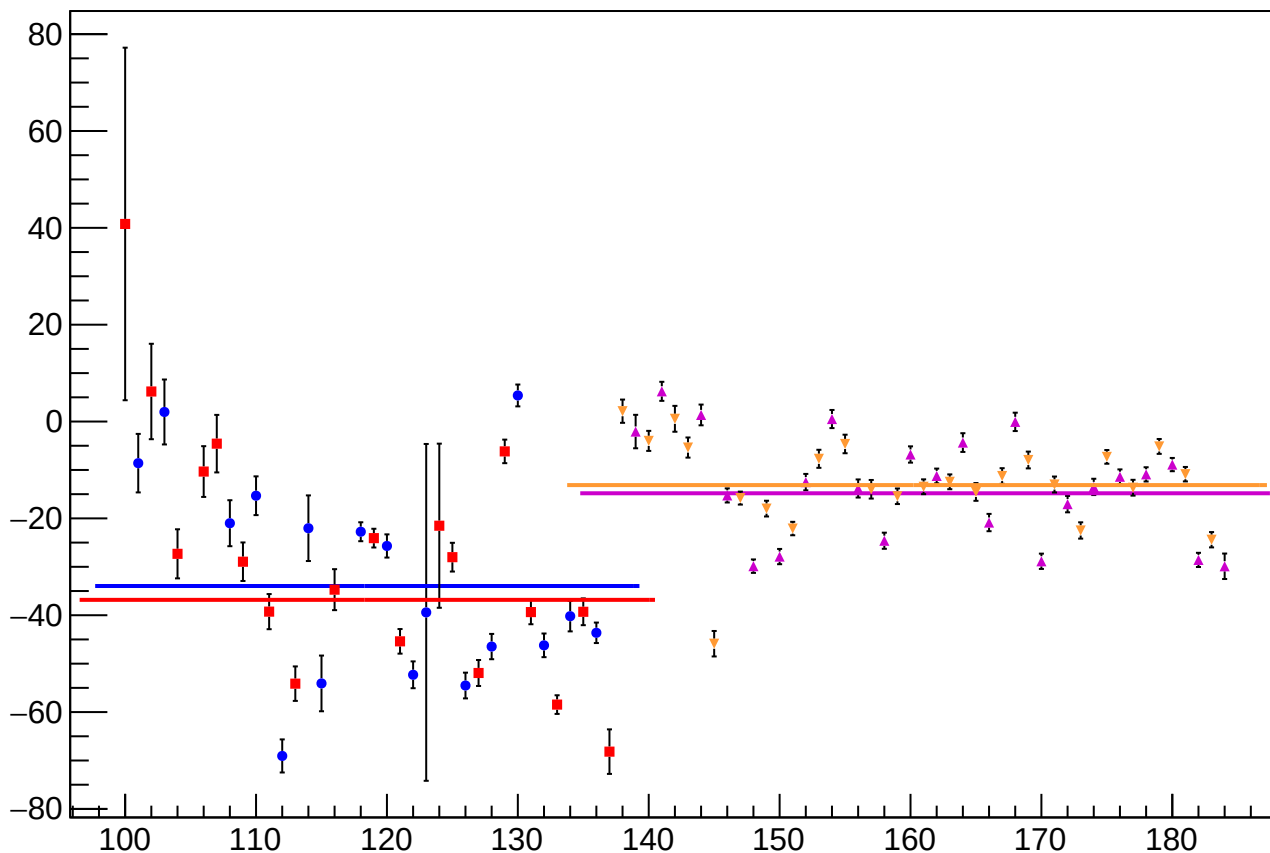
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 23.431 $\pm$ 0.373 χ^2 /NDF:5461.7/39

Out: 23.417 $\pm$ 0.372 χ^2 /NDF:6173.5/42

All: 23.424 $\pm$ 0.263 χ^2 /NDF: 11635.2/82

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 $\chi^2/\text{NDF}: 721.9/16$

Left Out: -13.124 ± 0.346 $\chi^2/\text{NDF}: 479.5/23$

Right Out: -36.824 ± 0.737 $\chi^2/\text{NDF}: 539.9/18$

Left In: -14.815 ± 0.353 $\chi^2/\text{NDF}: 838.2/22$

Left: -13.953 ± 0.247 $\chi^2/\text{NDF}: 1329.5/46$

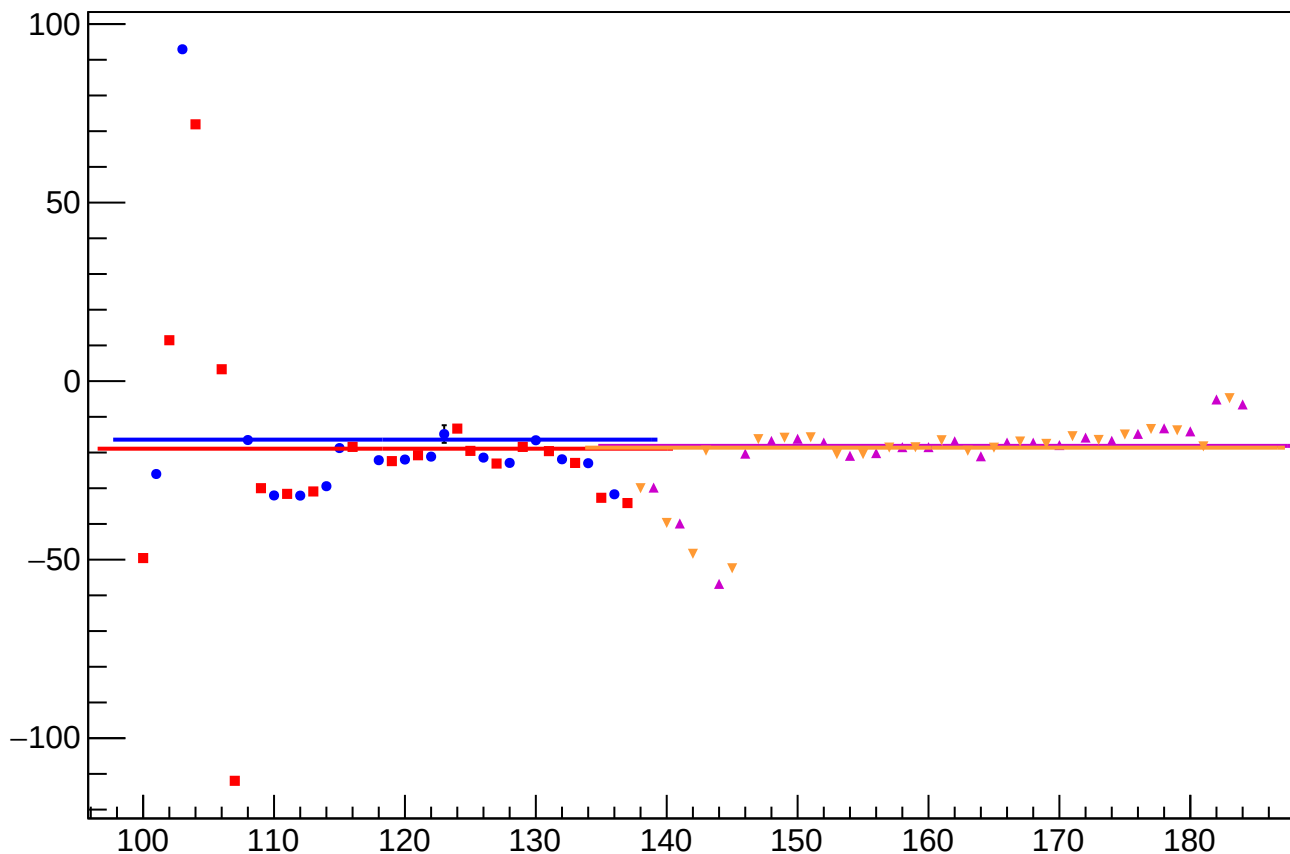
Right: -35.396 ± 0.521 $\chi^2/\text{NDF}: 1269.3/35$

In: -18.386 ± 0.319 $\chi^2/\text{NDF}: 2108.6/39$

Out: -17.415 ± 0.314 $\chi^2/\text{NDF}: 1866.8/42$

All: -17.893 ± 0.223 $\chi^2/\text{NDF}: 3980.0/82$

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -18.638 ± 0.016 $\chi^2/\text{NDF}: 266448.9/23$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

Left: -18.387 ± 0.011 $\chi^2/\text{NDF}: 512594.2/46$

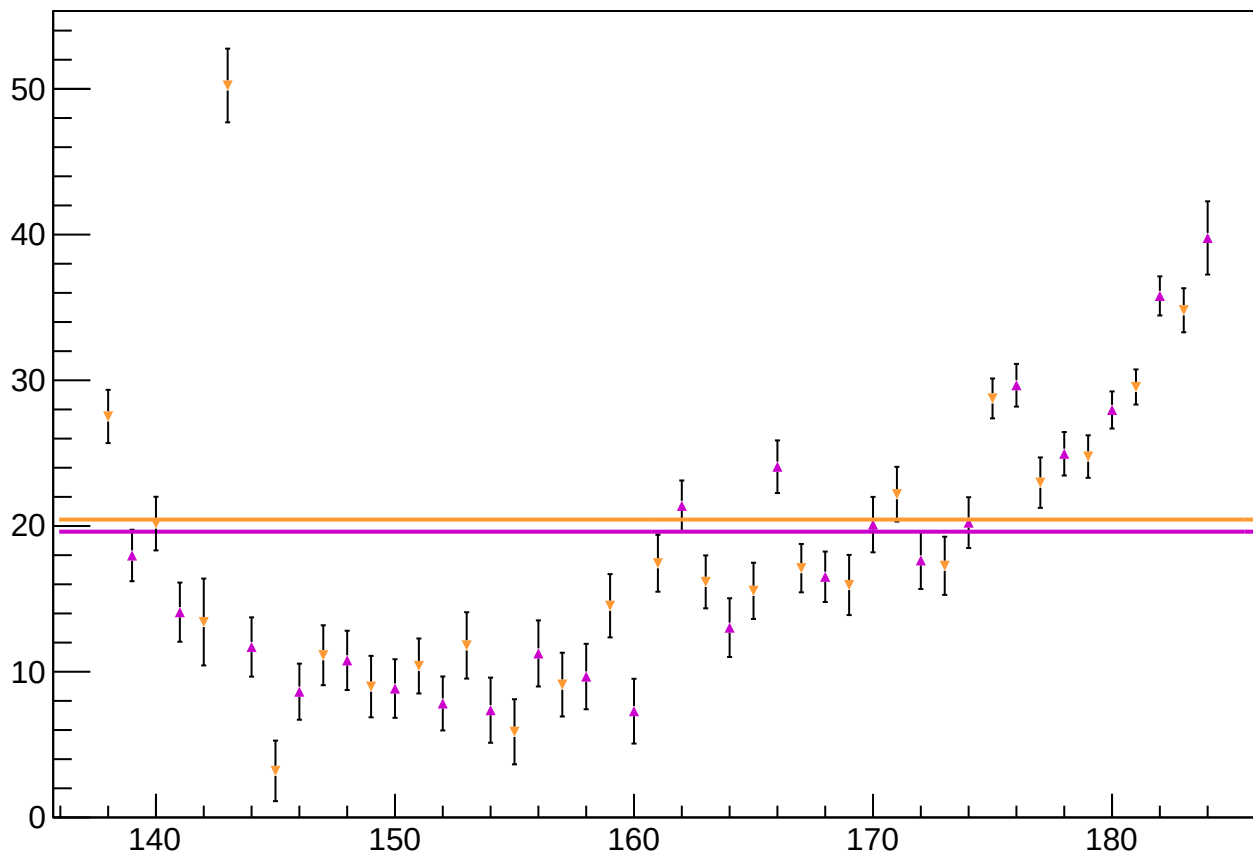
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -17.934 ± 0.015 $\chi^2/\text{NDF}: 721315.8/39$

Out: -18.670 ± 0.015 $\chi^2/\text{NDF}: 700630.6/42$

All: -18.302 ± 0.011 $\chi^2/\text{NDF}: 1423139.4/82$

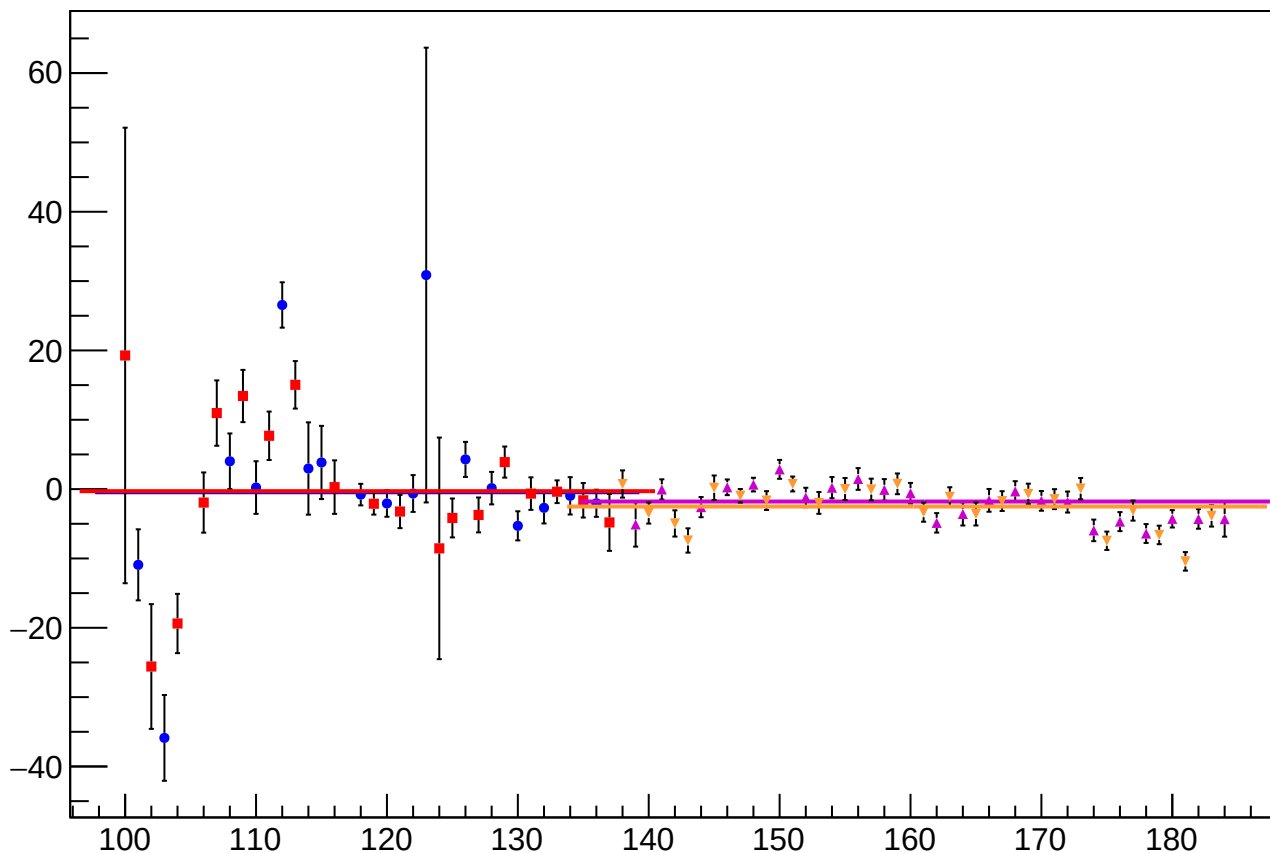
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.443 $\pm$ 0.376 χ^2 /NDF:619.3/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.612 $\pm$ 0.379 χ^2 /NDF:572.7/22

Left: 20.031 $\pm$ 0.267 χ^2 /NDF: 1194.3/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.612 $\pm$ 0.379 χ^2 /NDF:572.7/22
 Out: 20.443 $\pm$ 0.376 χ^2 /NDF:619.3/23
 All: 20.031 $\pm$ 0.267 χ^2 /NDF: 1194.3/46

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -2.513 ± 0.294 χ^2/NDF : 103.1/23

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

Left: -2.161 ± 0.210 χ^2/NDF : 176.1/46

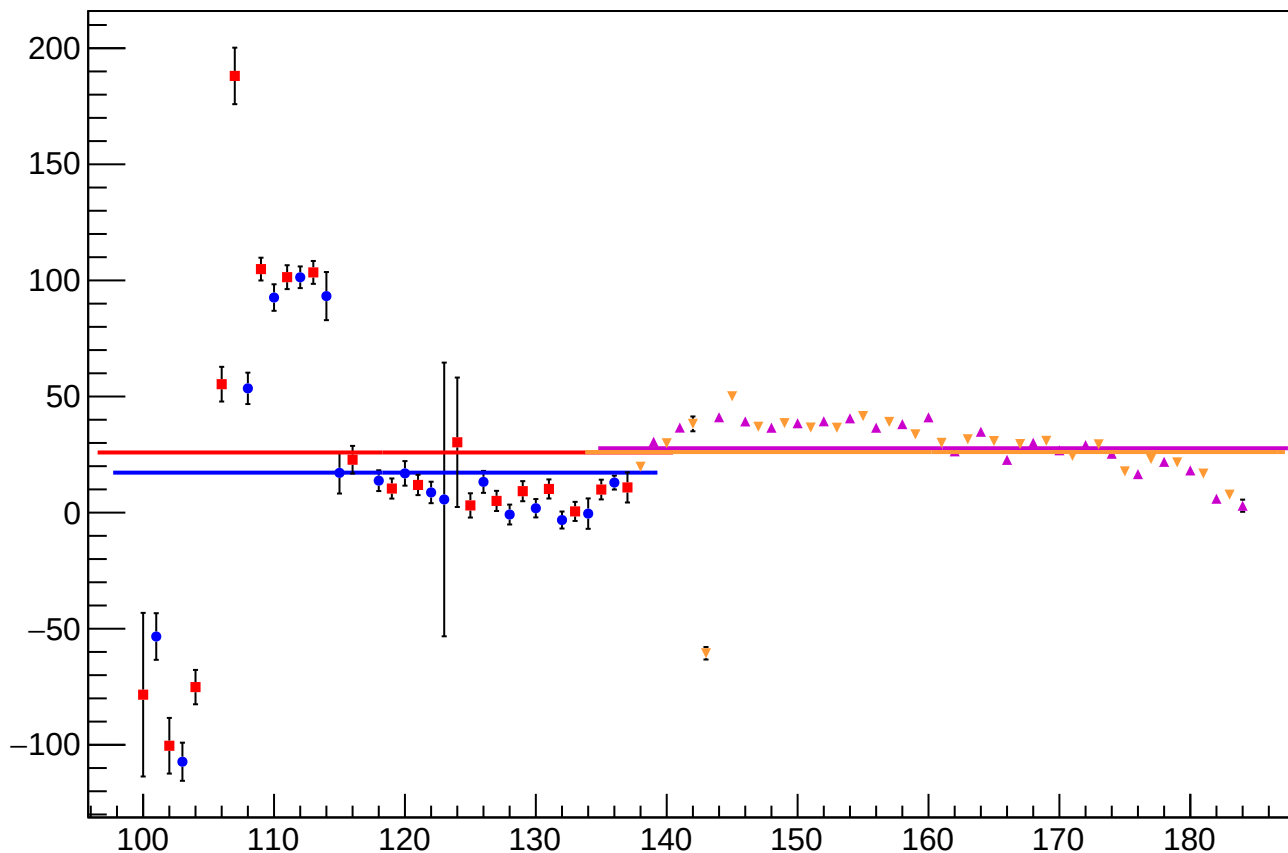
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -1.557 ± 0.274 χ^2/NDF : 193.1/39

Out: -2.144 ± 0.268 χ^2/NDF : 197.0/42

All: -1.856 ± 0.192 χ^2/NDF : 392.4/82

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2 /NDF: 940.1/16

Left Out: 26.079 $\pm$ 0.375 χ^2 /NDF:1698.9/23

Right Out: 25.902 $\pm$ 1.243 χ^2 /NDF: 1374.8/18

Left In: 27.725 $\pm$ 0.377 χ^2 /NDF:805.1/22

Left: 26.898 $\pm$ 0.266 χ^2 /NDF: 2513.5/46

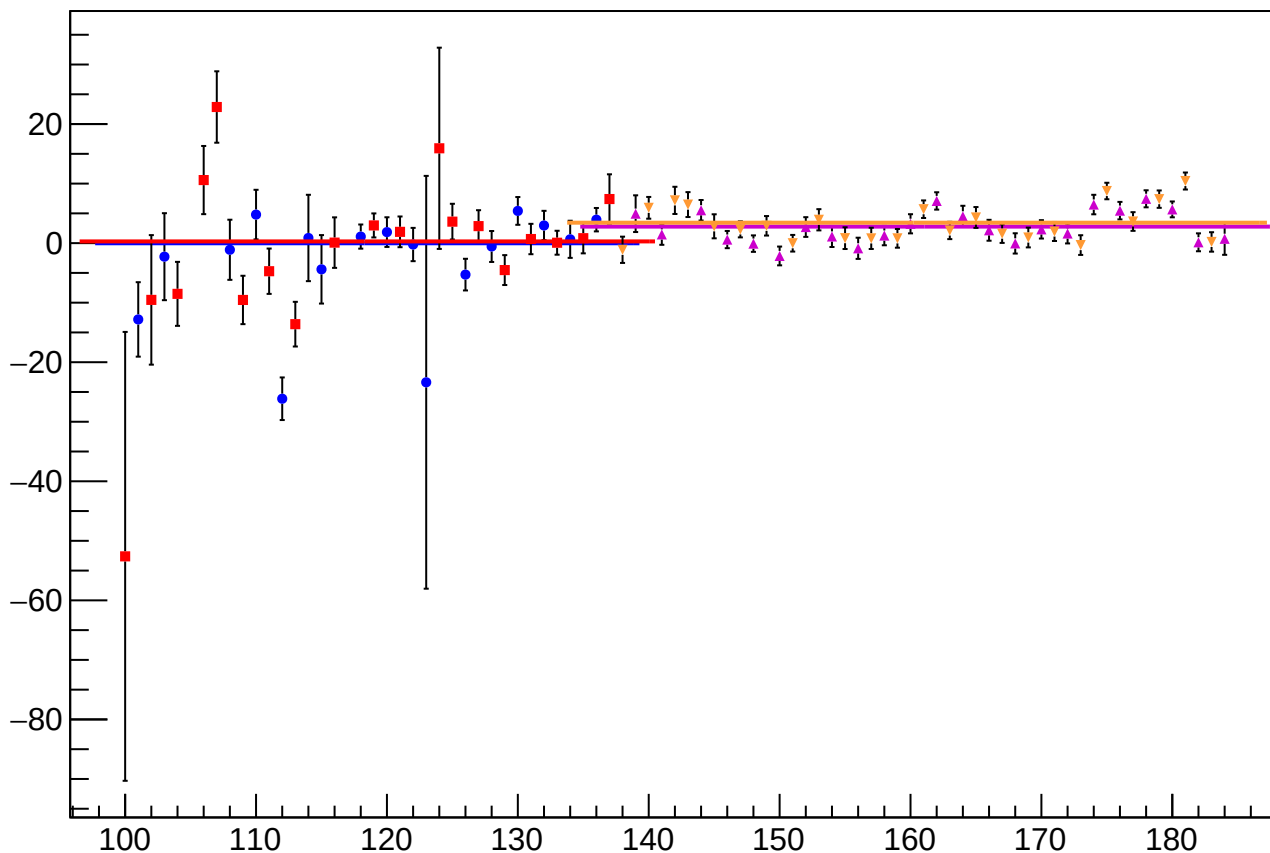
Right: 21.552 $\pm$ 0.878 χ^2 /NDF: 2339.3/35

In: 26.838 $\pm$ 0.360 χ^2 /NDF:1810.8/39

Out: 26.065 $\pm$ 0.359 χ^2 /NDF:3073.6/42

All: 26.450 $\pm$ 0.254 χ^2 /NDF: 4886.8/82

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 $\chi^2/\text{NDF}: 75.8/16$

Left Out: 3.434 ± 0.333 $\chi^2/\text{NDF}: 88.1/23$

Right Out: 0.290 ± 0.749 $\chi^2/\text{NDF}: 56.1/18$

Left In: 2.777 ± 0.340 $\chi^2/\text{NDF}: 66.5/22$

Left: 3.112 ± 0.238 $\chi^2/\text{NDF}: 156.5/46$

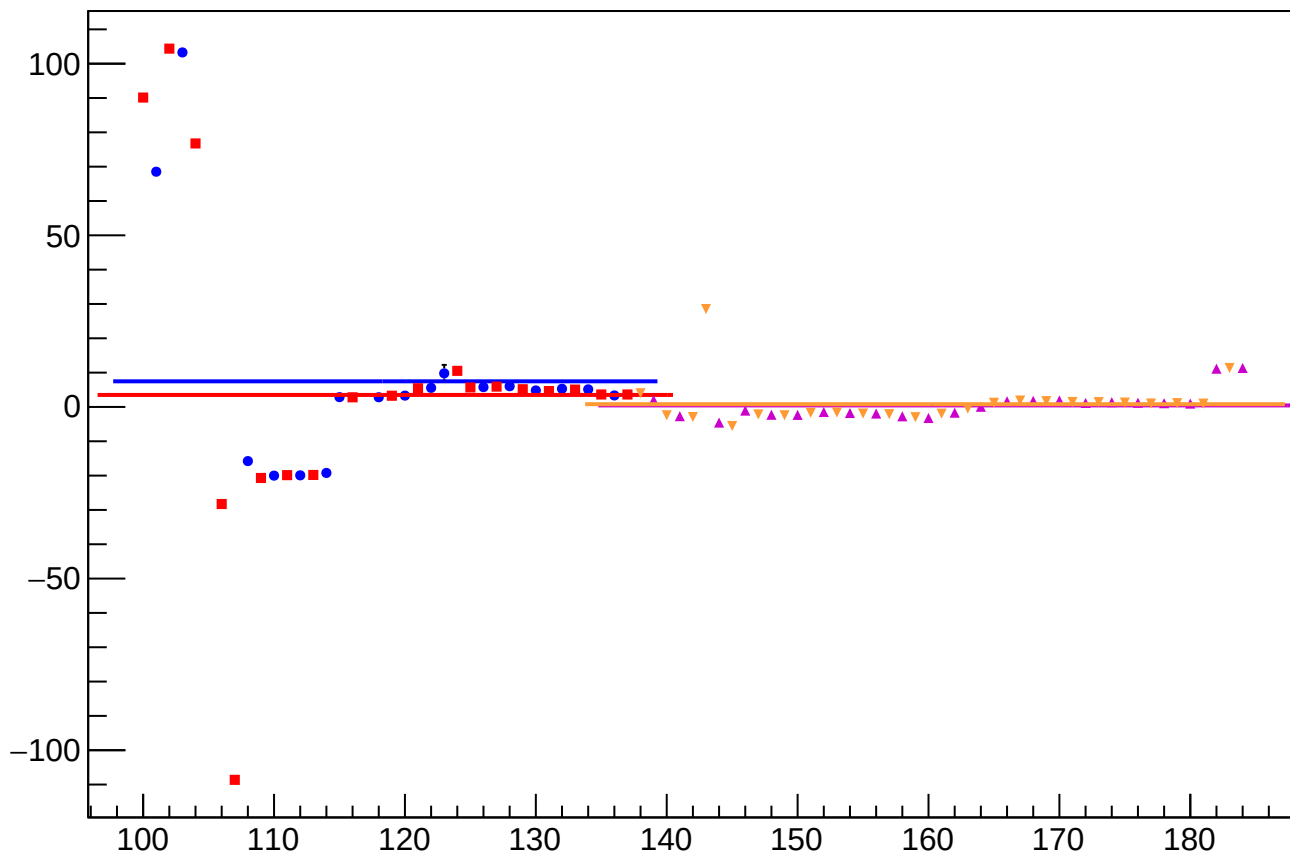
Right: 0.133 ± 0.528 $\chi^2/\text{NDF}: 132.0/35$

In: 2.294 ± 0.309 $\chi^2/\text{NDF}: 154.0/39$

Out: 2.915 ± 0.305 $\chi^2/\text{NDF}: 158.8/42$

All: 2.609 ± 0.217 $\chi^2/\text{NDF}: 314.9/82$

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 $\chi^2/\text{NDF}: 355890.1/16$

Left Out: 0.801 ± 0.015 $\chi^2/\text{NDF}: 109761.8/23$

Right Out: 3.500 ± 0.046 $\chi^2/\text{NDF}: 510577.2/18$

Left In: 0.448 ± 0.015 $\chi^2/\text{NDF}: 50533.6/22$

Left: 0.625 ± 0.011 $\chi^2/\text{NDF}: 160559.8/46$

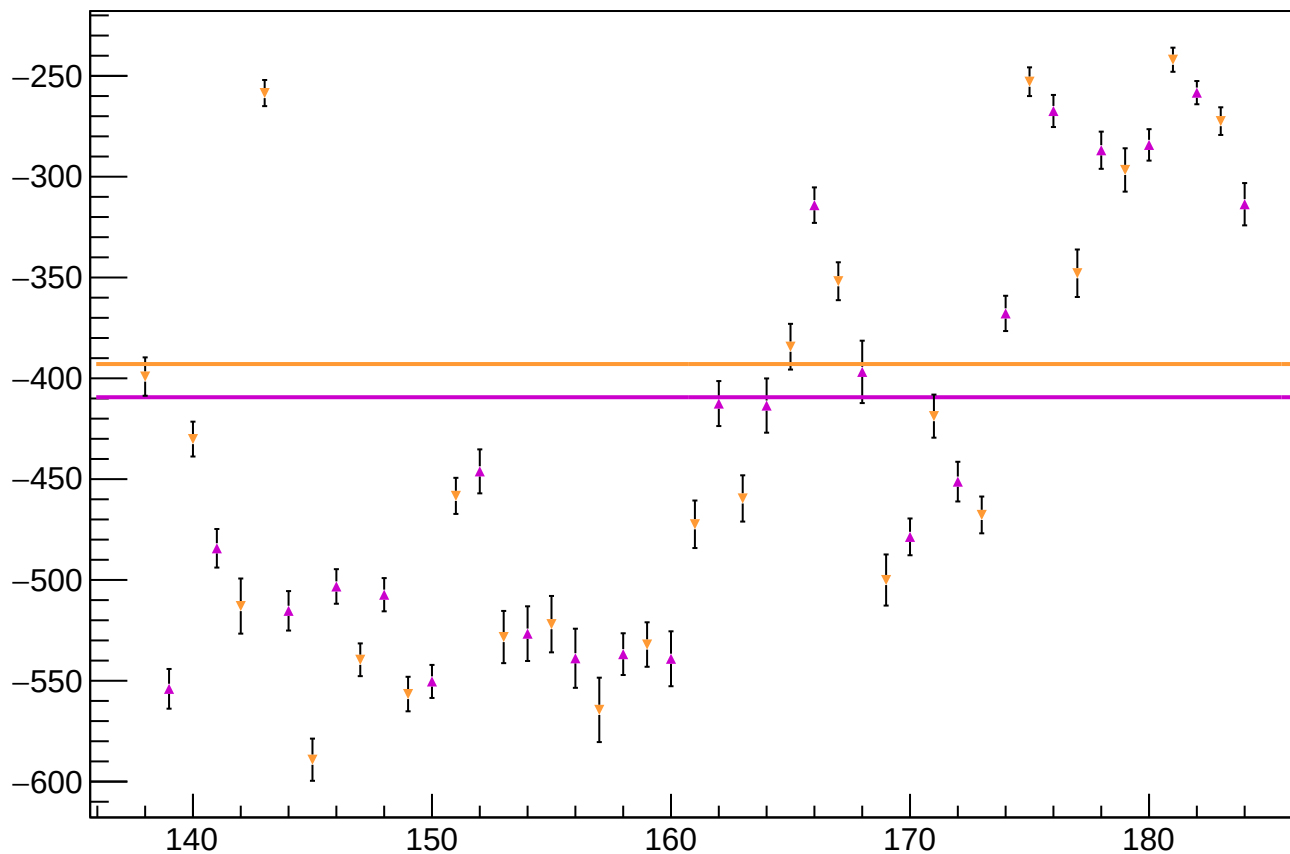
Right: 5.531 ± 0.032 $\chi^2/\text{NDF}: 870350.4/35$

In: 1.196 ± 0.015 $\chi^2/\text{NDF}: 428681.8/39$

Out: 1.075 ± 0.015 $\chi^2/\text{NDF}: 623491.9/42$

All: 1.136 ± 0.010 $\chi^2/\text{NDF}: 1052208.4/82$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -392.920 $\pm$ 1.914 χ^2 /NDF:3762.2/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -409.377 $\pm$ 1.971 χ^2 /NDF:3096.1/22

Left: -400.907 $\pm$ 1.373 χ^2 /NDF: 6894.1/46

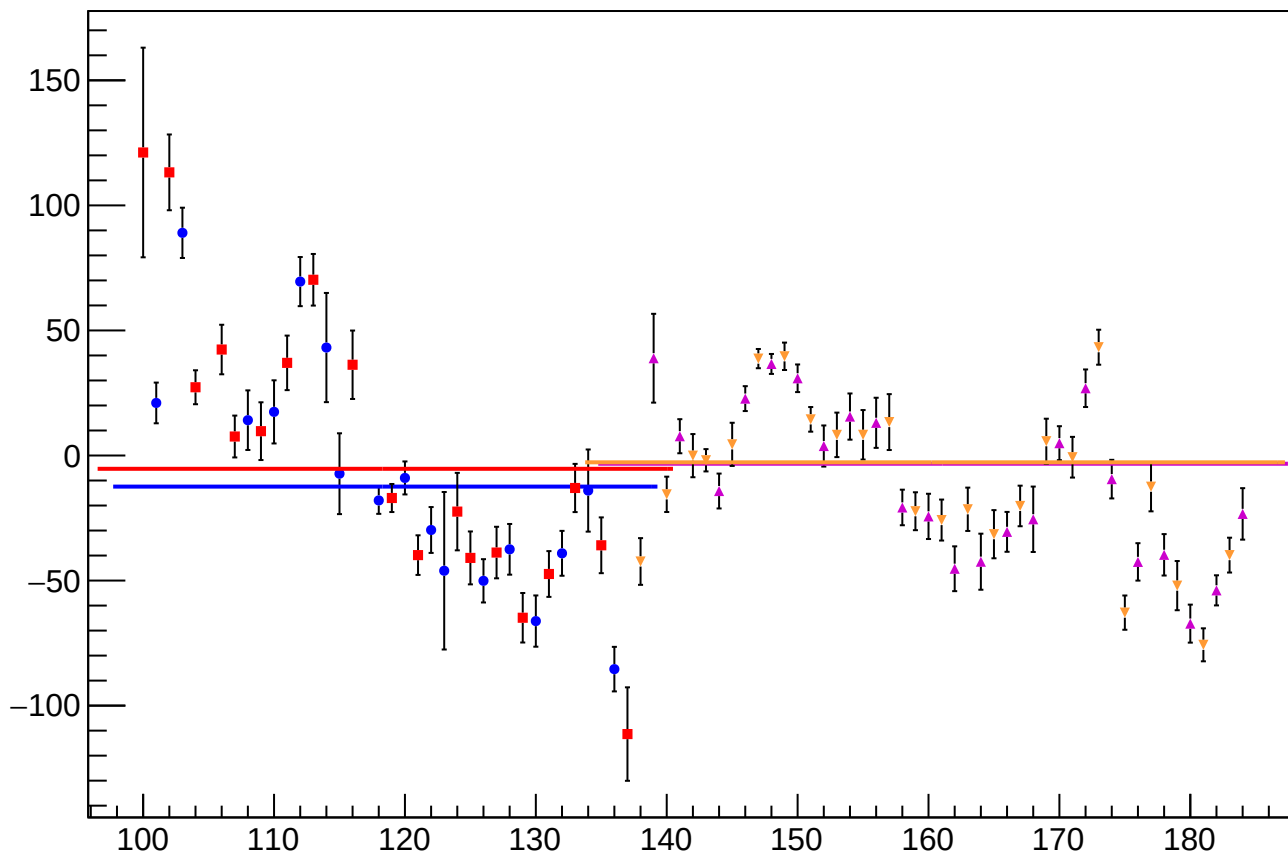
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -409.377 $\pm$ 1.971 χ^2 /NDF:3096.1/22

Out: -392.920 $\pm$ 1.914 χ^2 /NDF:3762.2/23

All: -400.907 $\pm$ 1.373 χ^2 /NDF: 6894.1/46

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: -2.724 ± 1.433 χ^2/NDF : 546.2/23

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

Left: -2.991 ± 1.042 χ^2/NDF : 1000.8/46

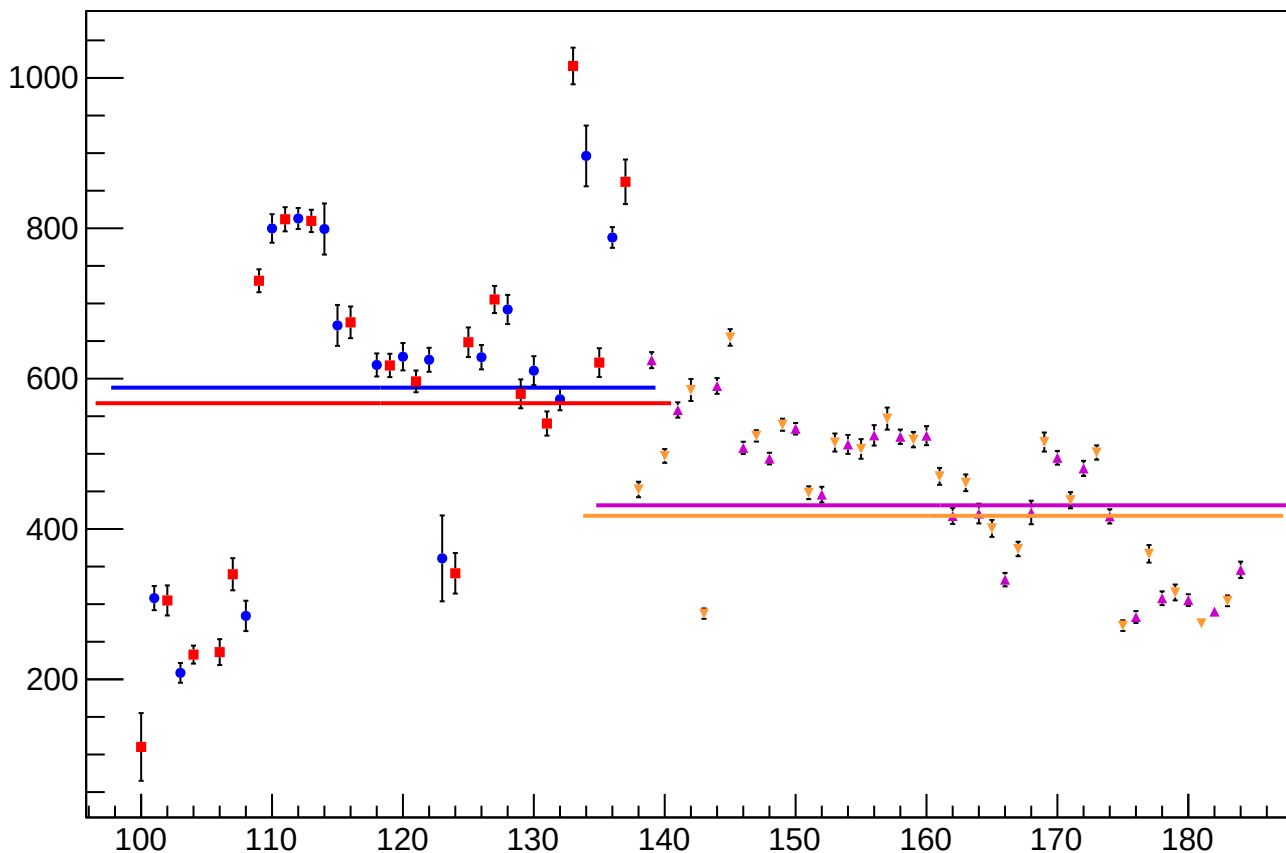
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: -6.035 ± 1.269 χ^2/NDF : 805.6/39

Out: -3.468 ± 1.210 χ^2/NDF : 889.9/42

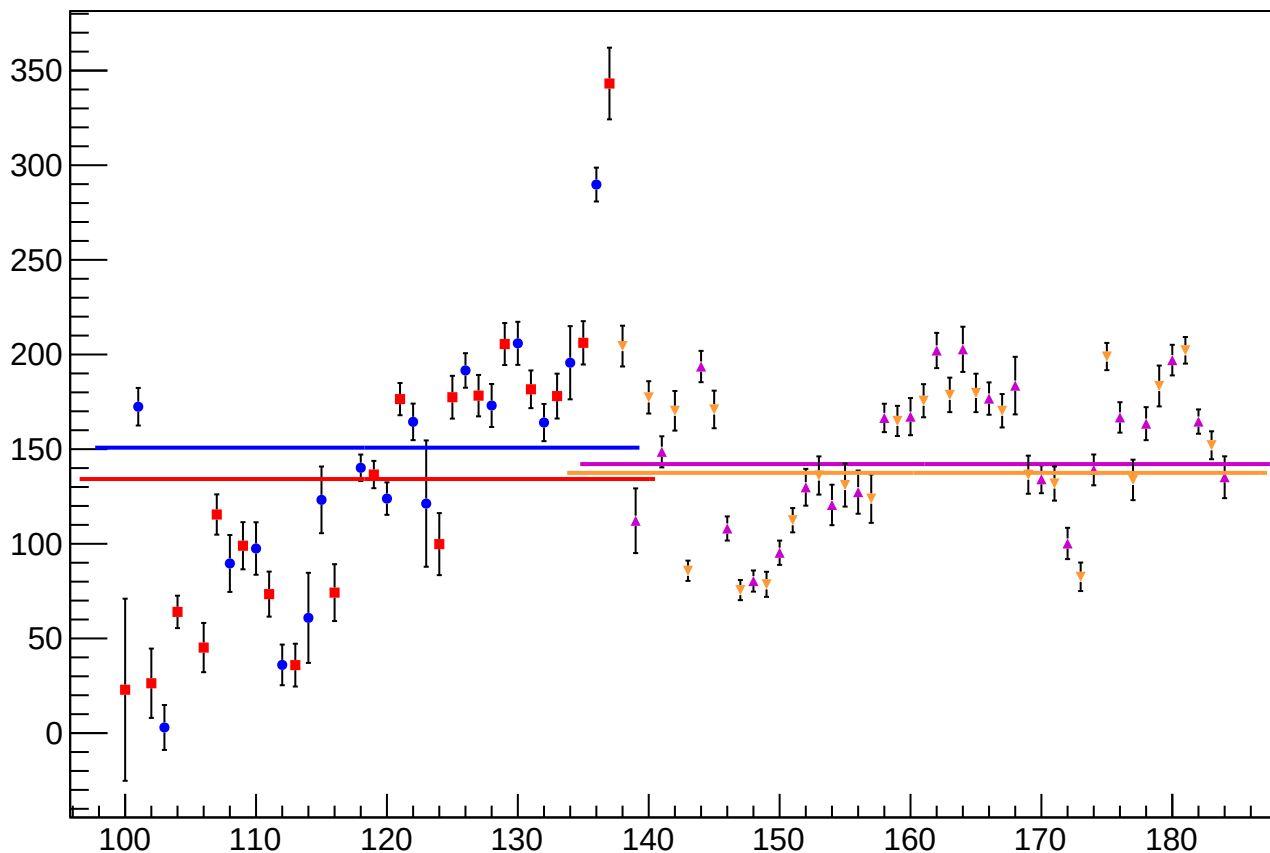
All: -4.691 ± 0.876 χ^2/NDF : 1697.7/82

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 424.358 +/- 1.373 χ^2/NDF : 6202.0/46
 Right: 577.194 +/- 2.989 χ^2/NDF : 4924.0/35
 In: 458.210 +/- 1.789 χ^2/NDF : 6109.4/39
 Out: 444.140 +/- 1.742 χ^2/NDF : 7143.3/42
 All: 450.989 +/- 1.248 χ^2/NDF : 13284.5/82

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 137.476 $\pm$ 1.663 χ^2 /NDF: 723.4/23

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 142.123 $\pm$ 1.740 χ^2 /NDF: 463.8/22

Left: 139.694 $\pm$ 1.202 χ^2 /NDF: 1190.9/46

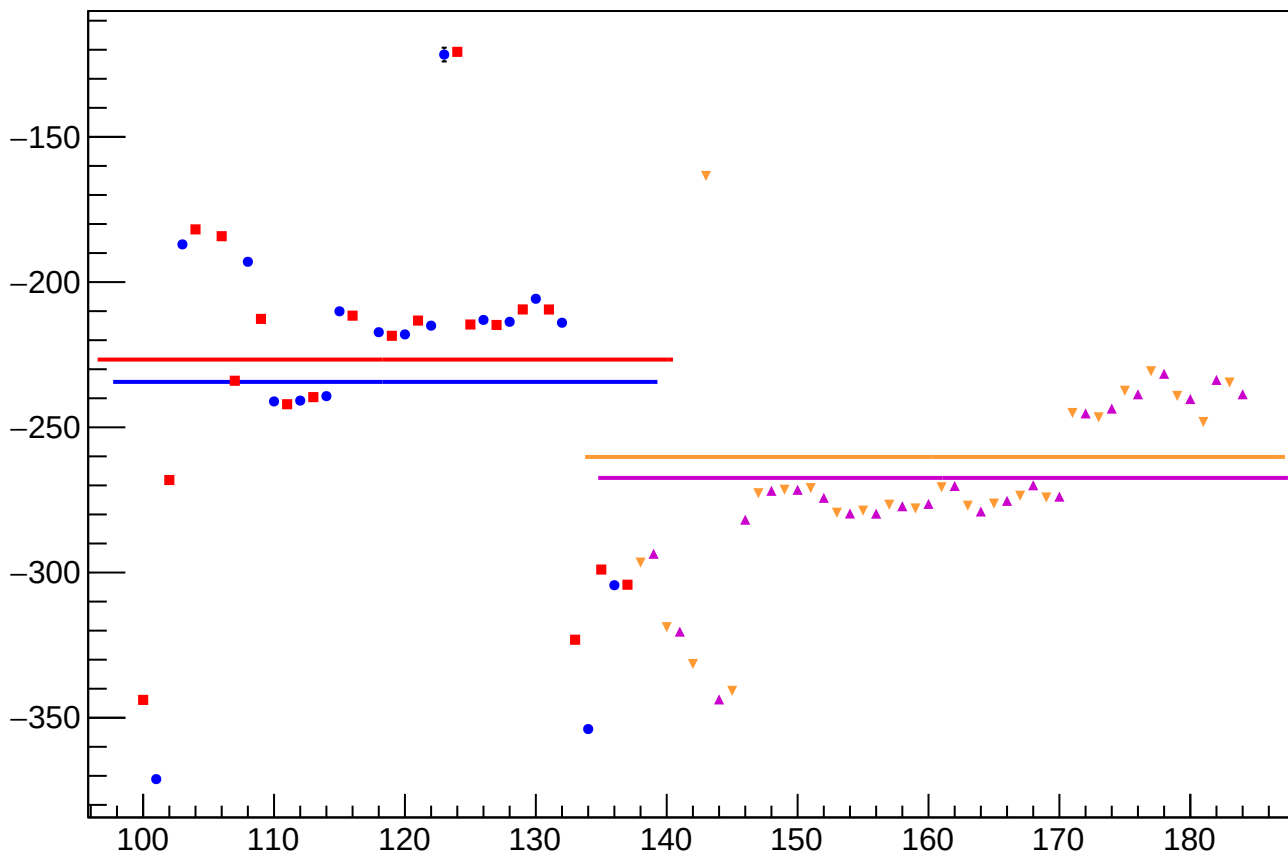
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 144.692 $\pm$ 1.459 χ^2 /NDF: 1104.3/39

Out: 136.538 $\pm$ 1.404 χ^2 /NDF: 1306.1/42

All: 140.456 $\pm$ 1.012 χ^2 /NDF: 2426.6/82

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -260.198+/-0.080 χ^2/NDF : 235534.6/23

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -267.416+/-0.081 χ^2/NDF : 98892.0/22

Left: -263.747+/-0.057 χ^2/NDF : 338429.3/46

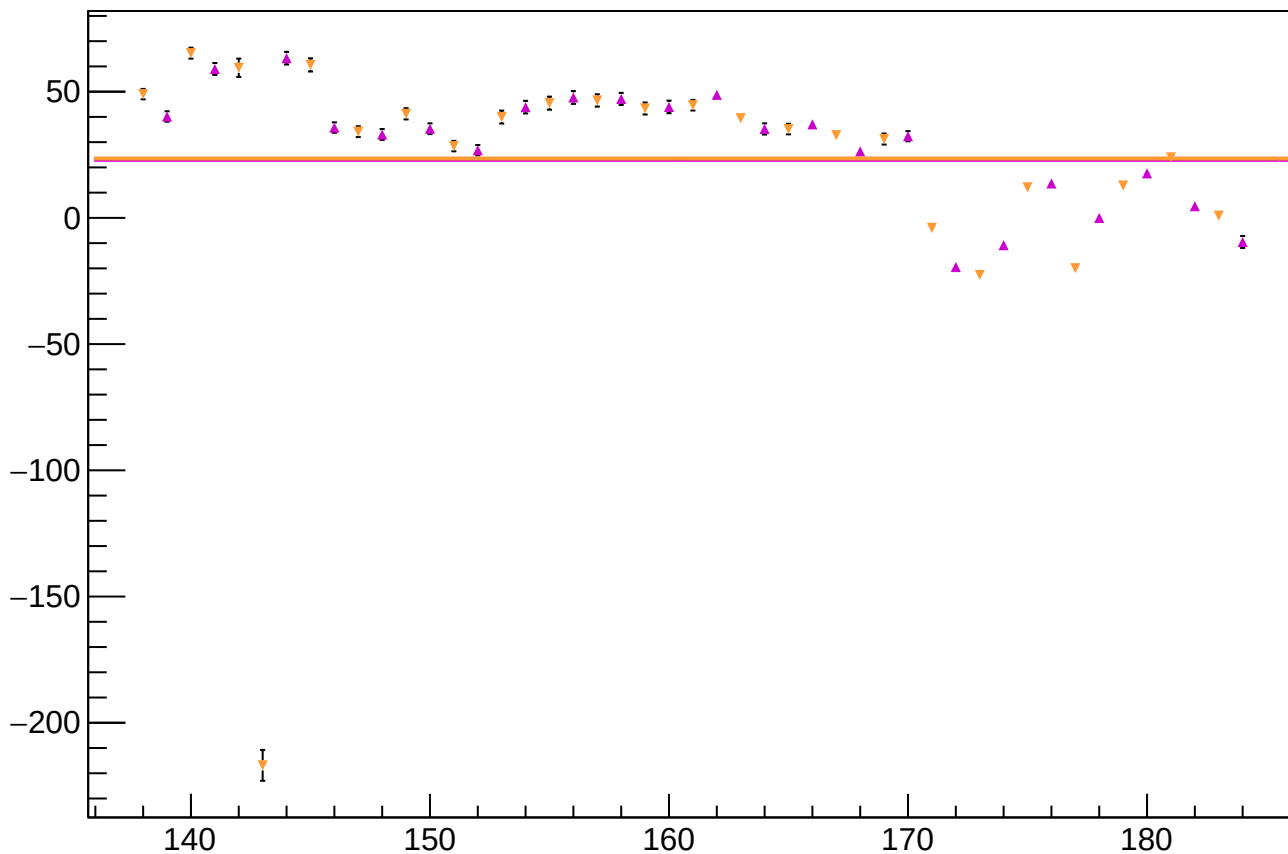
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -259.785+/-0.071 χ^2/NDF : 282174.0/39

Out: -252.058+/-0.070 χ^2/NDF : 377673.1/42

All: -255.827+/-0.050 χ^2/NDF : 665857.3/82

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 23.539+/-0.402 χ^2/NDF :4620.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 23.019+/-0.400 χ^2/NDF :2819.9/22

Left: 23.278+/-0.284 χ^2/NDF : 7441.4/46

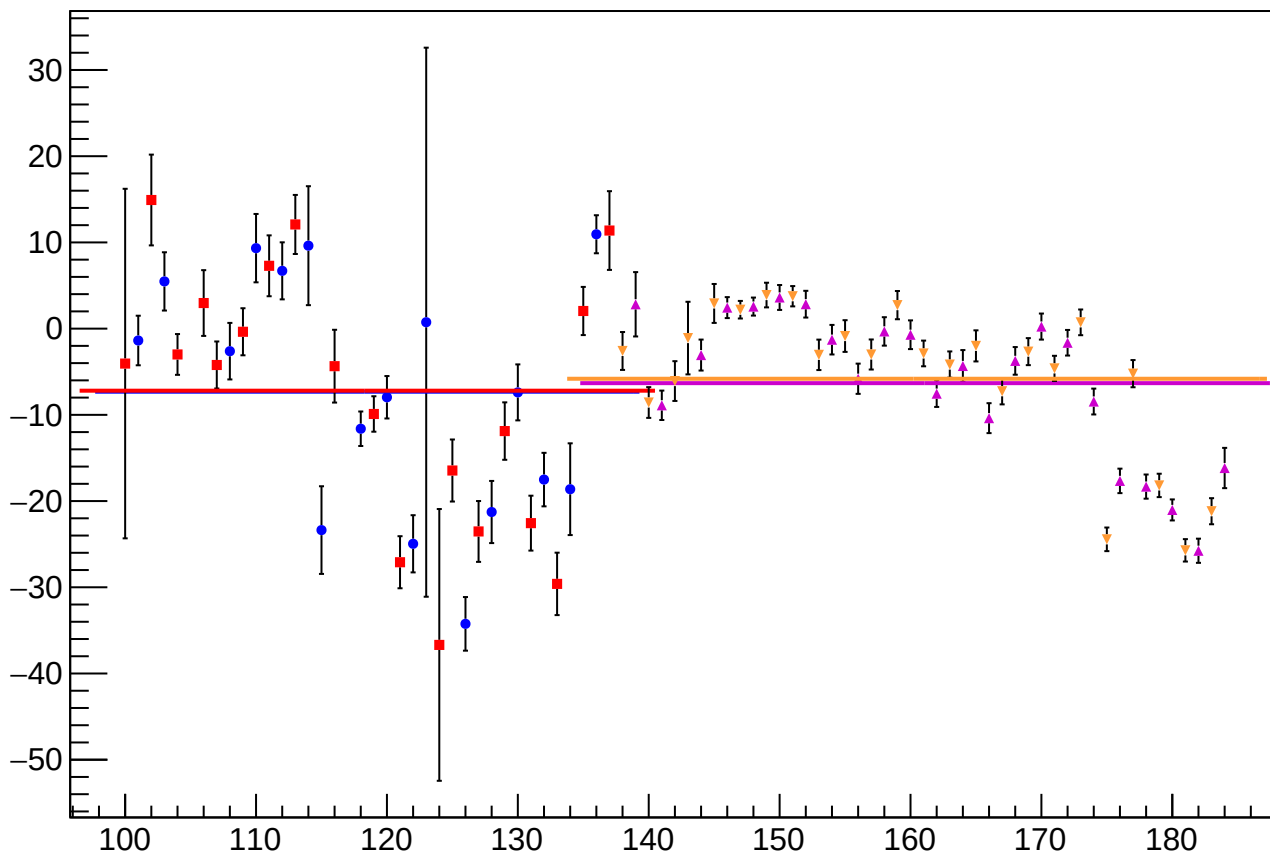
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 23.019+/-0.400 χ^2/NDF :2819.9/22

Out: 23.539+/-0.402 χ^2/NDF :4620.7/23

All: 23.278+/-0.284 χ^2/NDF : 7441.4/46

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -5.813 ± 0.318 χ^2/NDF : 874.6/23

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

Left: -6.066 ± 0.226 χ^2/NDF : 1660.2/46

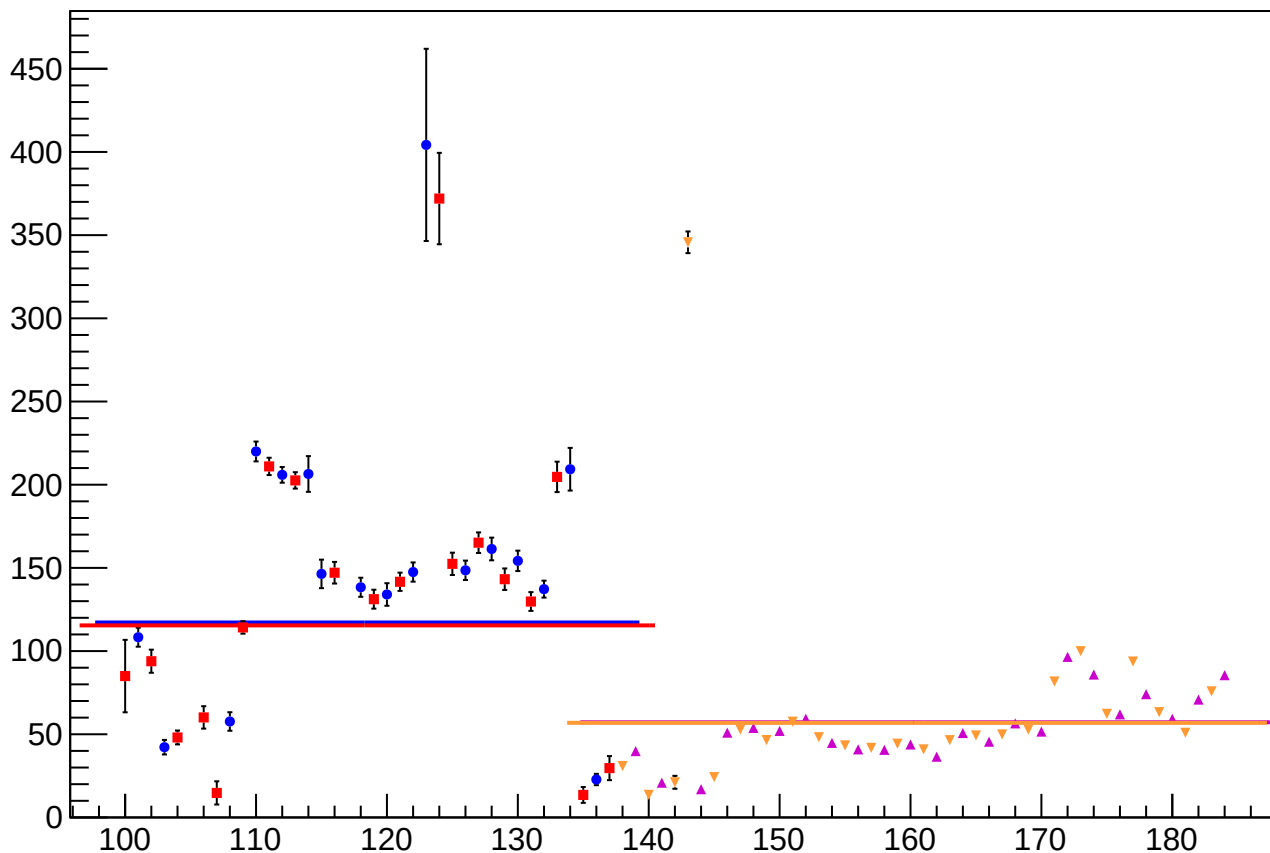
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -6.466 ± 0.296 χ^2/NDF : 1064.8/39

Out: -6.018 ± 0.293 χ^2/NDF : 1129.5/42

All: -6.240 ± 0.208 χ^2/NDF : 2195.5/82

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: 56.889 ± 0.401 χ^2/NDF : 4166.5/23

Right Out: 115.437 ± 1.361 χ^2/NDF : 2151.2/18

Left In: 57.226 ± 0.398 χ^2/NDF : 1860.6/22

Left: 57.059 ± 0.283 χ^2/NDF : 6027.4/46

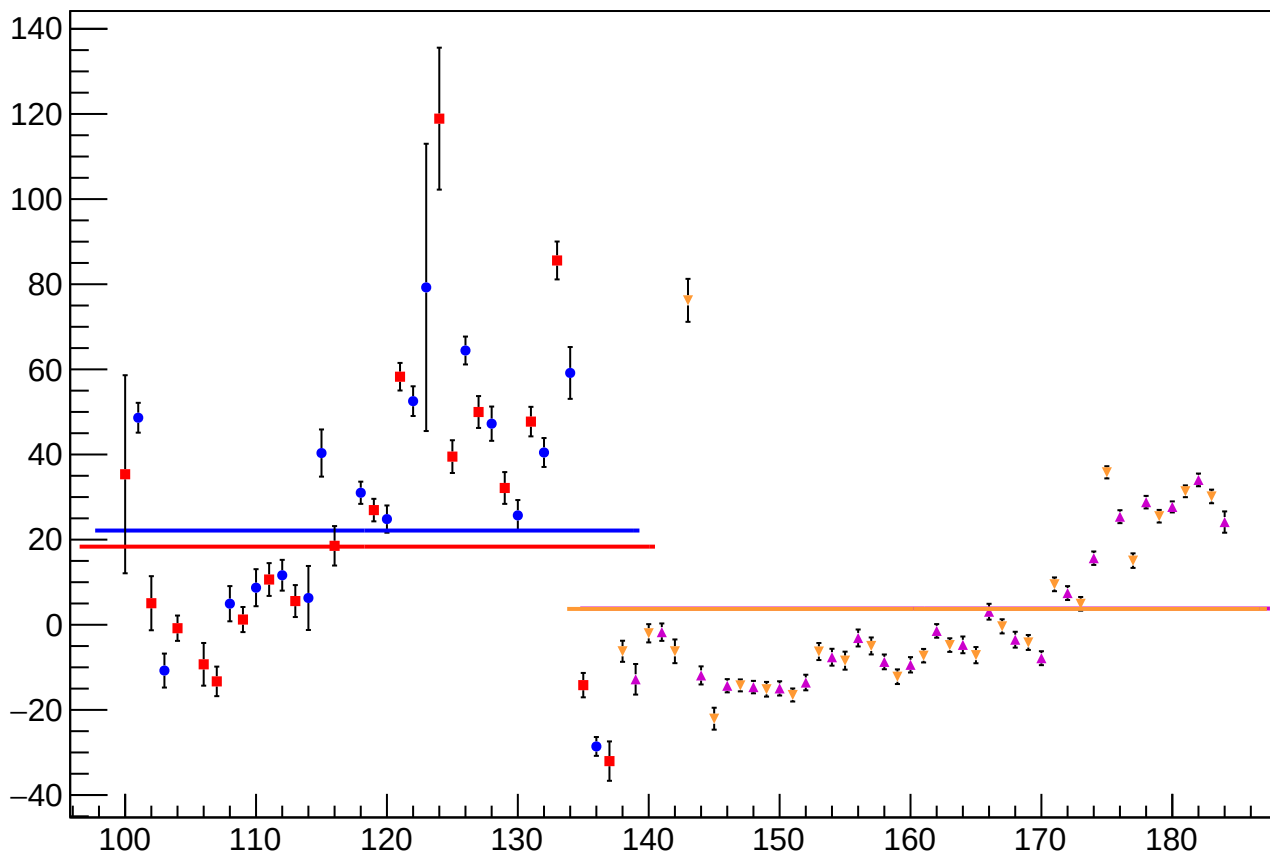
Right: 116.275 ± 0.980 χ^2/NDF : 4311.6/35

In: 61.644 ± 0.383 χ^2/NDF : 5691.5/39

Out: 61.570 ± 0.385 χ^2/NDF : 8021.5/42

All: 61.607 ± 0.271 χ^2/NDF : 13713.0/82

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: 3.722 $\pm$ 0.359 χ^2 /NDF:2540.8/23

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: 3.812 $\pm$ 0.361 χ^2 /NDF:2203.5/22

Left: 3.767 $\pm$ 0.255 χ^2 /NDF: 4744.3/46

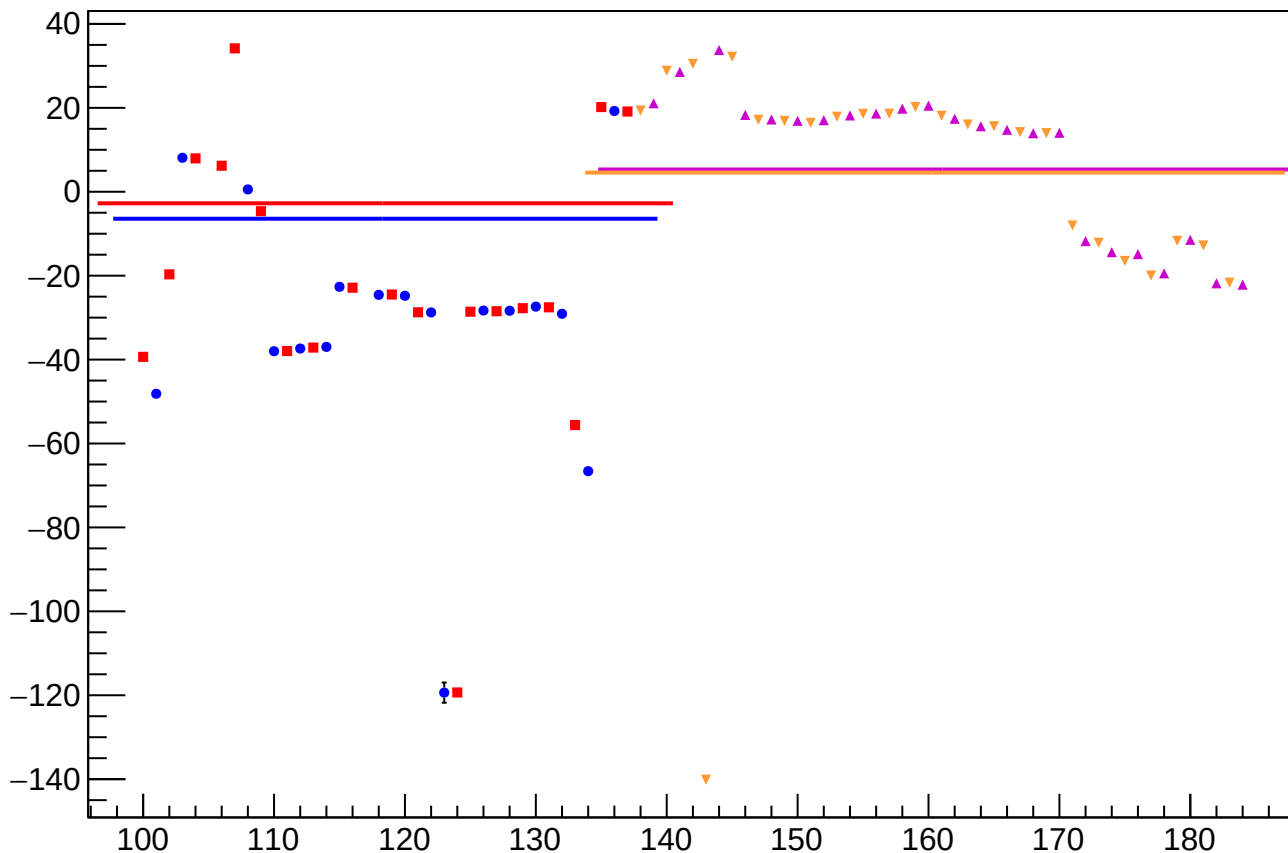
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 6.391 $\pm$ 0.334 χ^2 /NDF:3630.9/39

Out: 5.850 $\pm$ 0.332 χ^2 /NDF:3852.7/42

All: 6.119 $\pm$ 0.236 χ^2 /NDF: 7484.9/82

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 4.568 ± 0.017 χ^2/NDF : 1334748.6/23

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 5.305 ± 0.016 χ^2/NDF : 1089610.2/22

Left: 4.941 ± 0.012 χ^2/NDF : 2425364.7/46

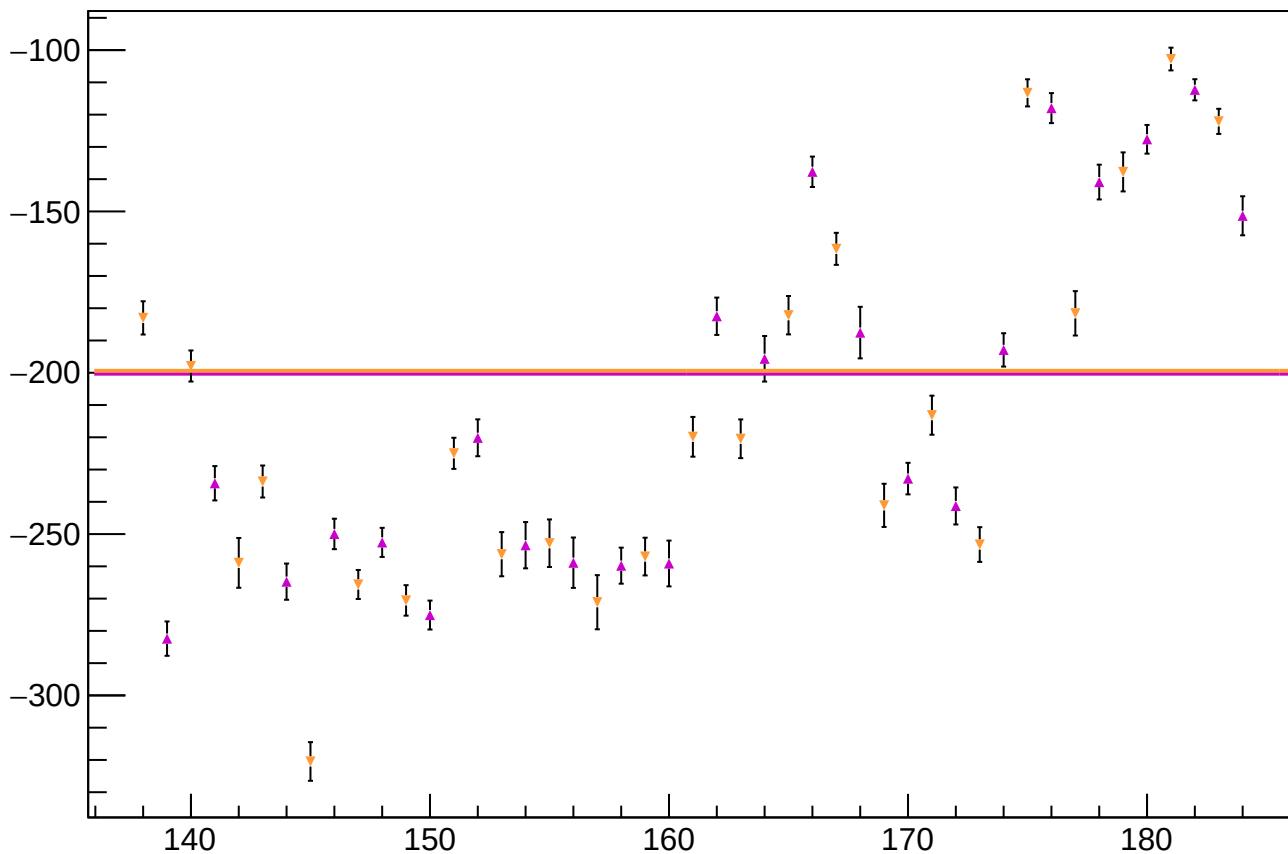
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 4.000 ± 0.015 χ^2/NDF : 1412069.1/39

Out: 3.719 ± 0.016 χ^2/NDF : 1623739.2/42

All: 3.861 ± 0.011 χ^2/NDF : 3035972.2/82

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -199.404 $\pm$ 1.088 χ^2/NDF :3199.8/23

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -200.276 $\pm$ 1.093 χ^2/NDF :3013.8/22

Left: -199.838 $\pm$ 0.771 χ^2/NDF : 6213.9/46

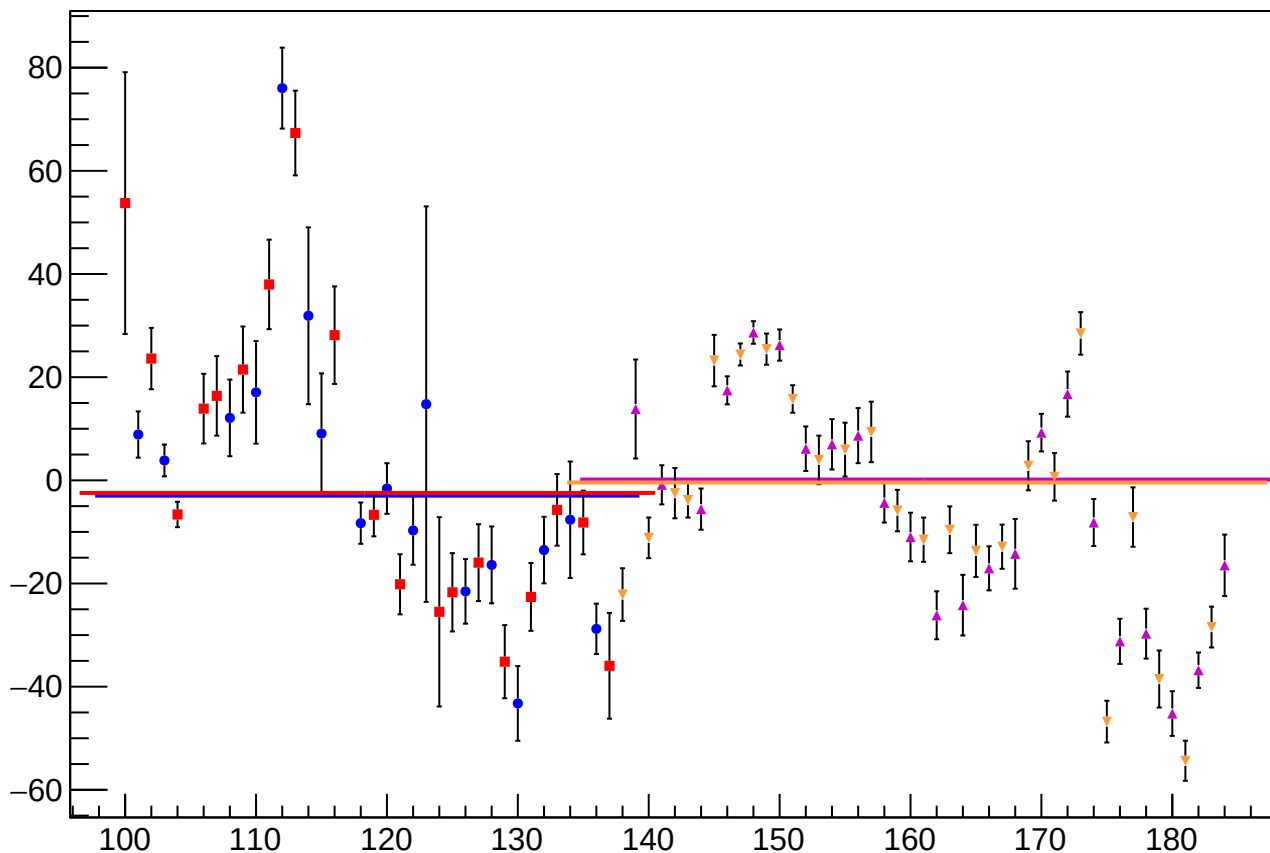
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -200.276 $\pm$ 1.093 χ^2/NDF :3013.8/22

Out: -199.404 $\pm$ 1.088 χ^2/NDF :3199.8/23

All: -199.838 $\pm$ 0.771 χ^2/NDF : 6213.9/46

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: -0.419 ± 0.812 χ^2/NDF : 800.6/23

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 0.153 ± 0.836 χ^2/NDF : 719.6/22

Left: -0.141 ± 0.583 χ^2/NDF : 1520.5/46

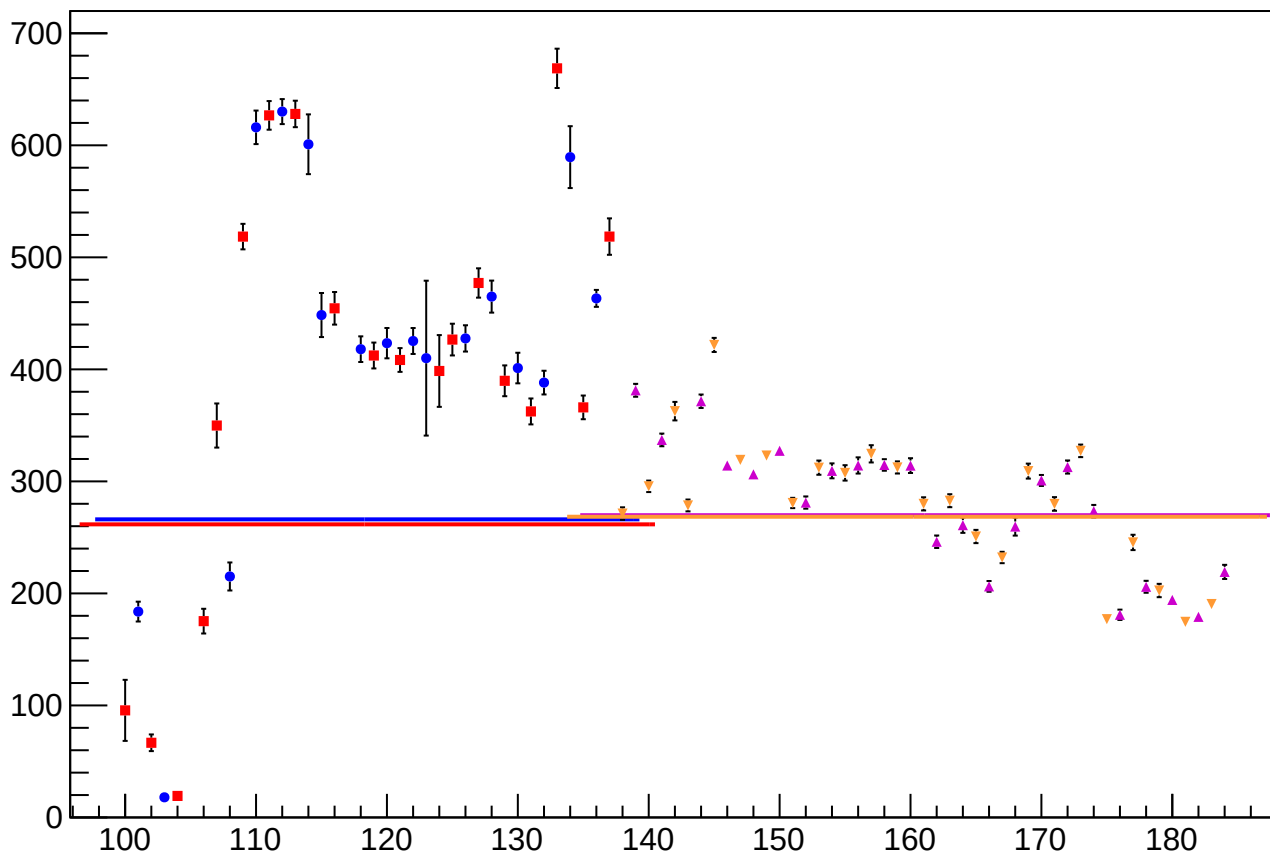
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: -0.623 ± 0.725 χ^2/NDF : 926.6/39

Out: -0.931 ± 0.702 χ^2/NDF : 1017.6/42

All: -0.782 ± 0.504 χ^2/NDF : 1944.3/82

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111+/-2.480 χ^2/NDF : 7644.0/16

Left Out: 268.444+/-1.087 χ^2/NDF :3117.3/23

Right Out: 261.642+/-2.457 χ^2/NDF : 8209.5/18

Left In: 269.798+/-1.087 χ^2/NDF :3234.9/22

Left: 269.121+/-0.768 χ^2/NDF : 6353.0/46

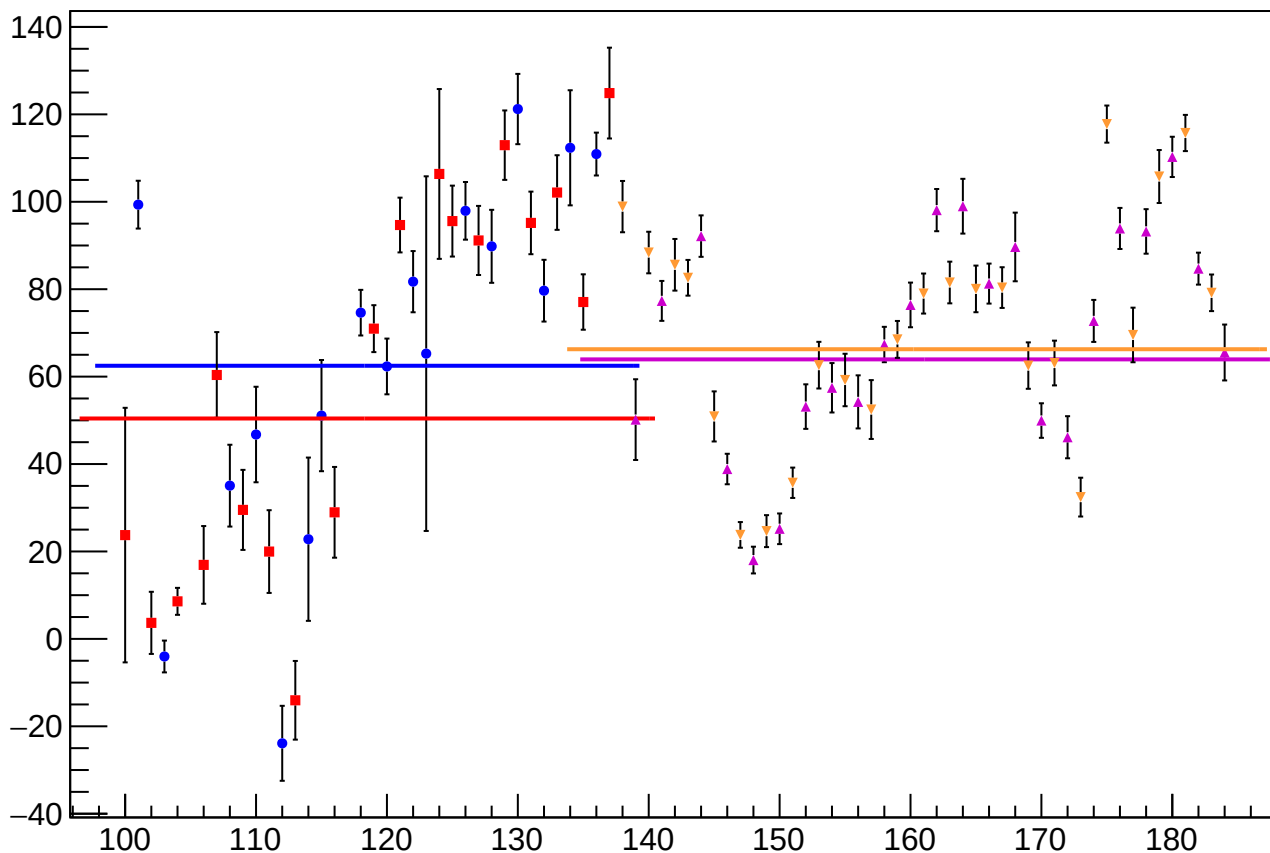
Right: 263.855+/-1.745 χ^2/NDF : 15855.1/35

In: 269.204+/-0.996 χ^2/NDF :10880.8/39

Out: 267.331+/-0.994 χ^2/NDF :11333.2/42

All: 268.266+/-0.703 χ^2/NDF : 22215.8/82

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2/NDF : 720.8/16

Left Out: 66.268 $\pm$ 0.942 χ^2/NDF : 943.6/23

Right Out: 50.421 $\pm$ 1.642 χ^2/NDF : 651.4/18

Left In: 63.944 $\pm$ 0.961 χ^2/NDF : 803.4/22

Left: 65.129 $\pm$ 0.672 χ^2/NDF : 1750.0/46

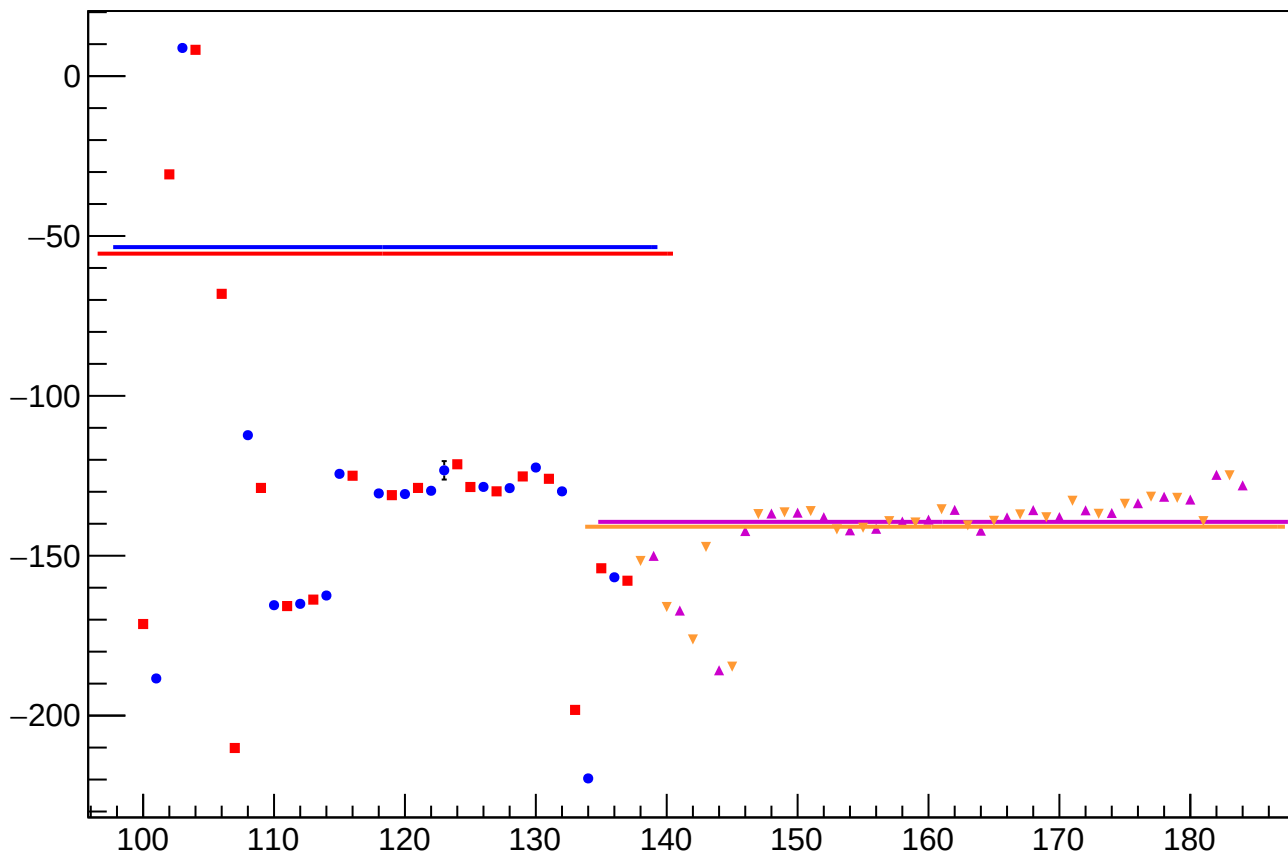
Right: 56.311 $\pm$ 1.174 χ^2/NDF : 1398.6/35

In: 63.585 $\pm$ 0.834 χ^2/NDF : 1524.7/39

Out: 62.345 $\pm$ 0.817 χ^2/NDF : 1665.2/42

All: 62.952 $\pm$ 0.584 χ^2/NDF : 3191.0/82

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -140.930 ± 0.045 $\chi^2/\text{NDF}: 73823.5/23$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -139.406 ± 0.045 $\chi^2/\text{NDF}: 62878.4/22$

Left: -140.164 ± 0.032 $\chi^2/\text{NDF}: 137277.0/46$

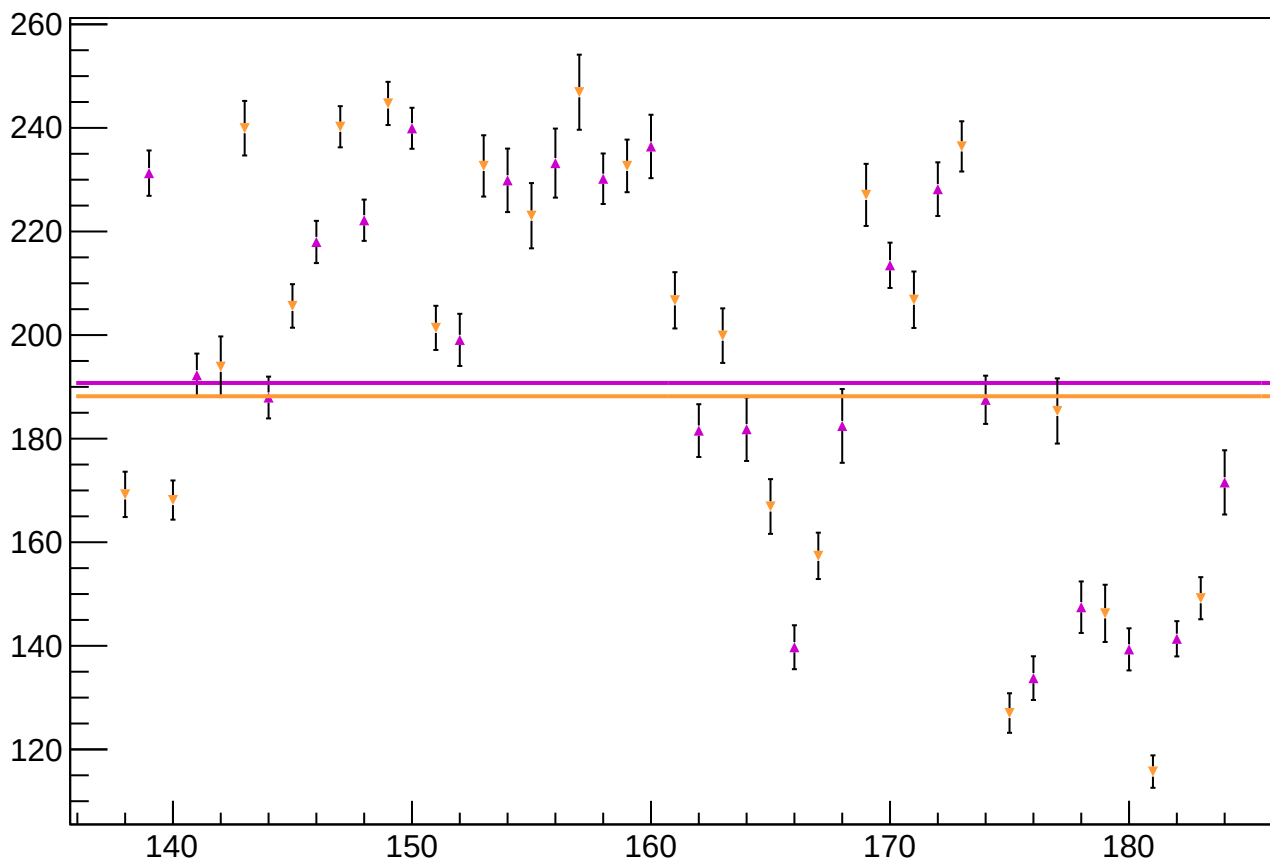
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -114.565 ± 0.038 $\chi^2/\text{NDF}: 2353351.2/39$

Out: -116.842 ± 0.038 $\chi^2/\text{NDF}: 2056910.0/42$

All: -115.692 ± 0.027 $\chi^2/\text{NDF}: 4412057.6/82$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 188.189 $\pm$ 0.962 χ^2 /NDF:1930.9/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 190.753 $\pm$ 0.971 χ^2 /NDF:1421.8/22

Left: 189.459 $\pm$ 0.683 χ^2 /NDF: 3356.2/46

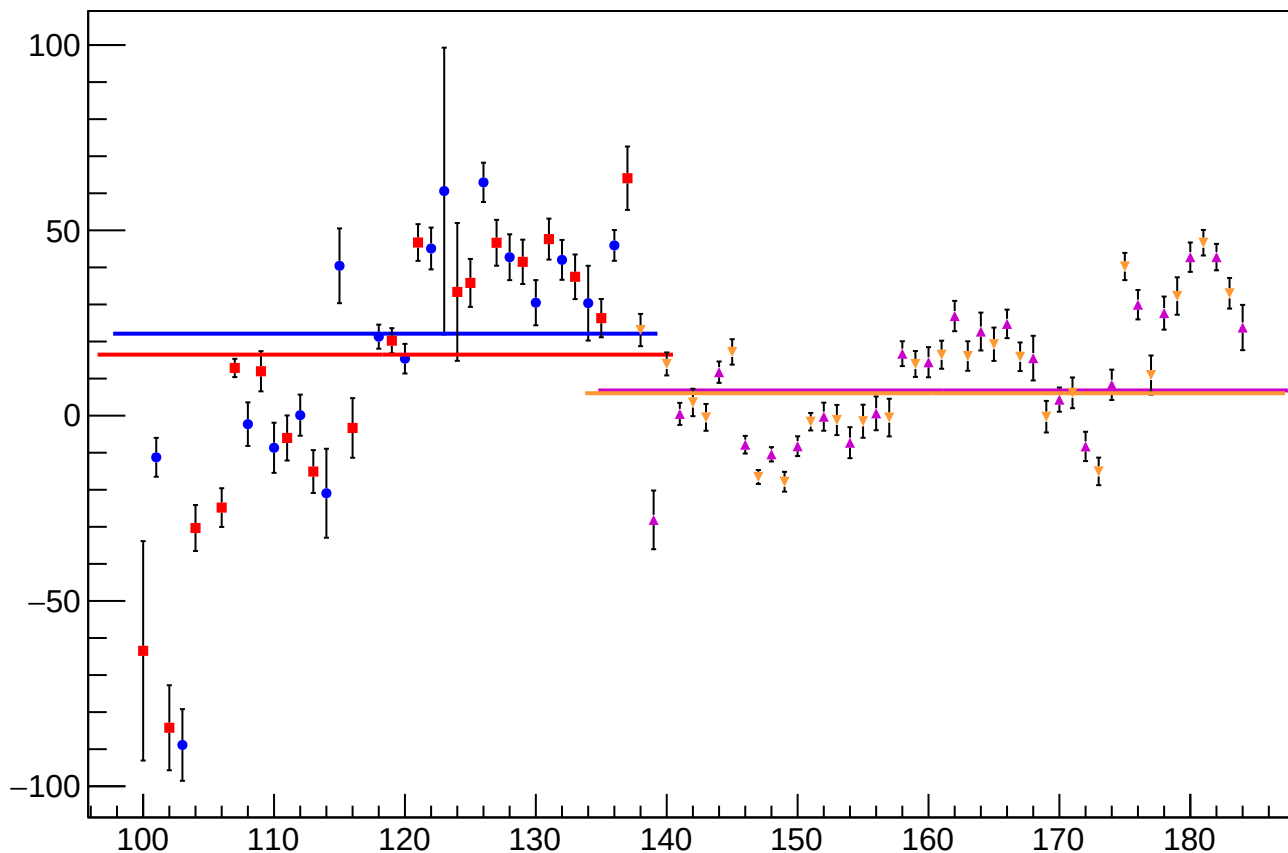
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 190.753 $\pm$ 0.971 χ^2 /NDF:1421.8/22

Out: 188.189 $\pm$ 0.962 χ^2 /NDF:1930.9/23

All: 189.459 $\pm$ 0.683 χ^2 /NDF: 3356.2/46

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: 6.050+/-0.716 χ^2/NDF : 642.3/23

Right Out: 16.464+/-1.228 χ^2/NDF : 424.1/18

Left In: 6.797+/-0.735 χ^2/NDF : 525.8/22

Left: 6.414+/-0.513 χ^2/NDF : 1168.7/46

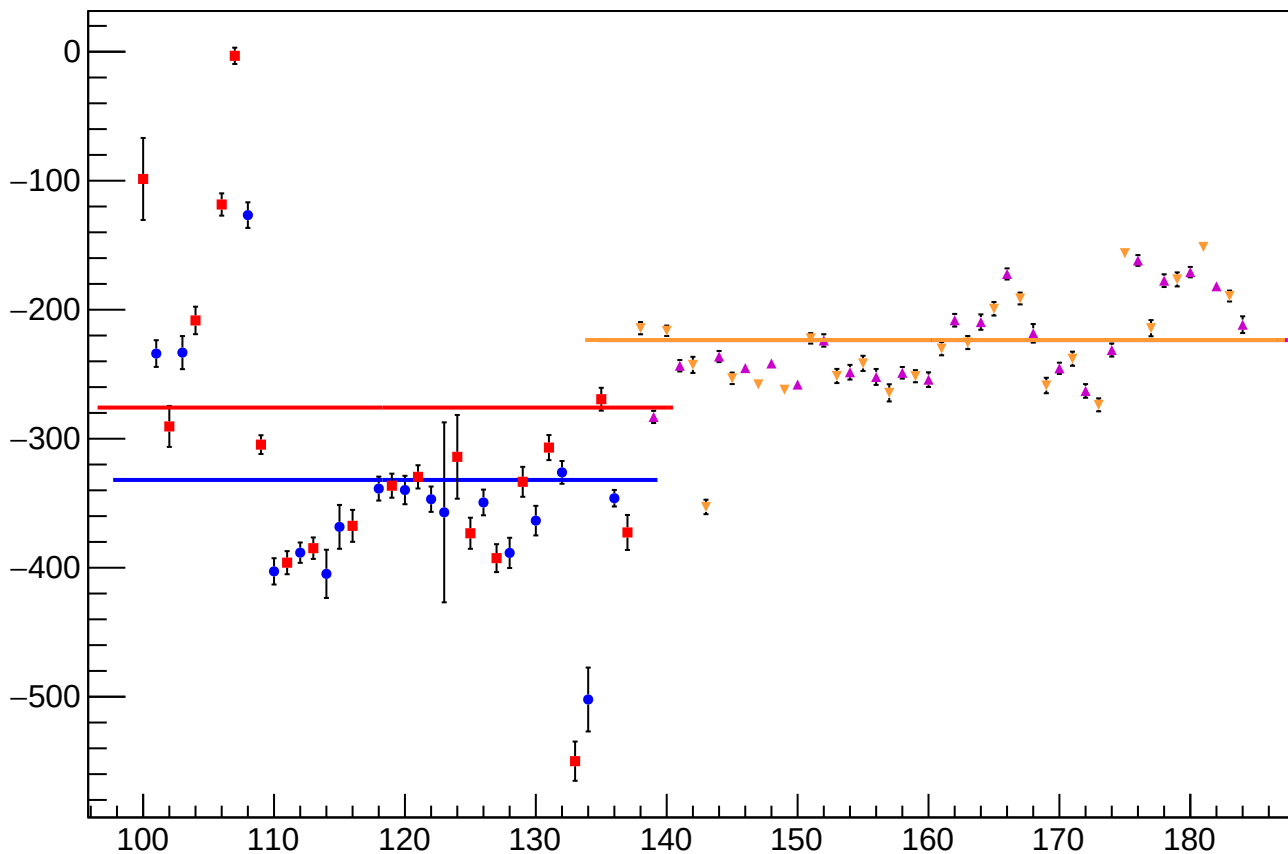
Right: 18.970+/-0.916 χ^2/NDF : 815.5/35

In: 10.195+/-0.648 χ^2/NDF : 1004.2/39

Out: 8.691+/-0.618 χ^2/NDF : 1120.2/42

All: 9.407+/-0.447 χ^2/NDF : 2127.2/82

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -223.485 $\pm$ 0.962 χ^2 /NDF:2042.7/23

Right Out: -275.853 $\pm$ 2.323 χ^2 /NDF: 3361.7/18

Left In: -223.554 $\pm$ 0.966 χ^2 /NDF:1286.5/22

Left: -223.519 $\pm$ 0.681 χ^2 /NDF: 3329.2/46

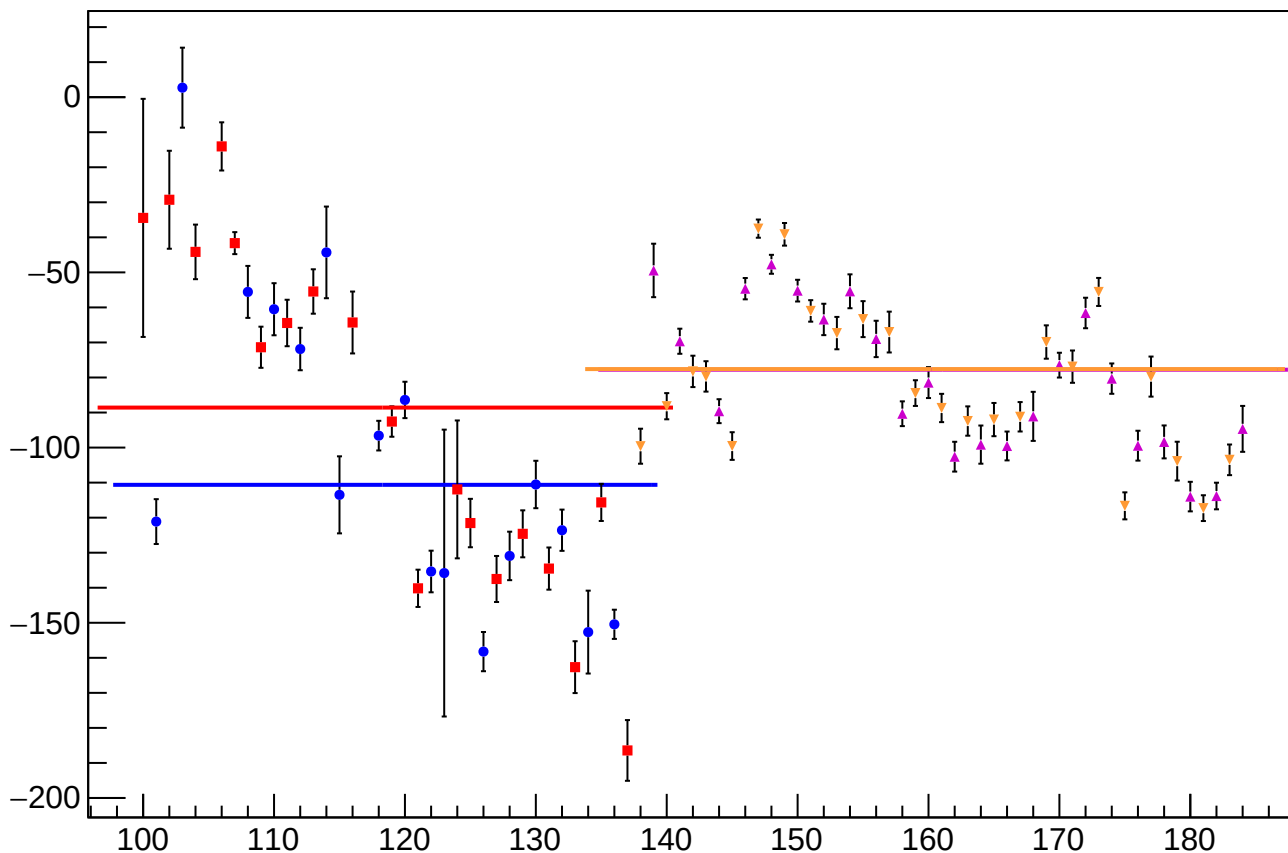
Right: -301.110 $\pm$ 1.723 χ^2 /NDF: 4409.7/35

In: -236.988 $\pm$ 0.904 χ^2 /NDF:3633.9/39

Out: -231.146 $\pm$ 0.889 χ^2 /NDF:5838.1/42

All: -234.017 $\pm$ 0.634 χ^2 /NDF: 9493.2/82

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -77.600 ± 0.831 χ^2/NDF : 836.8/23

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -77.777 ± 0.847 χ^2/NDF : 624.5/22

Left: -77.687 ± 0.593 χ^2/NDF : 1461.3/46

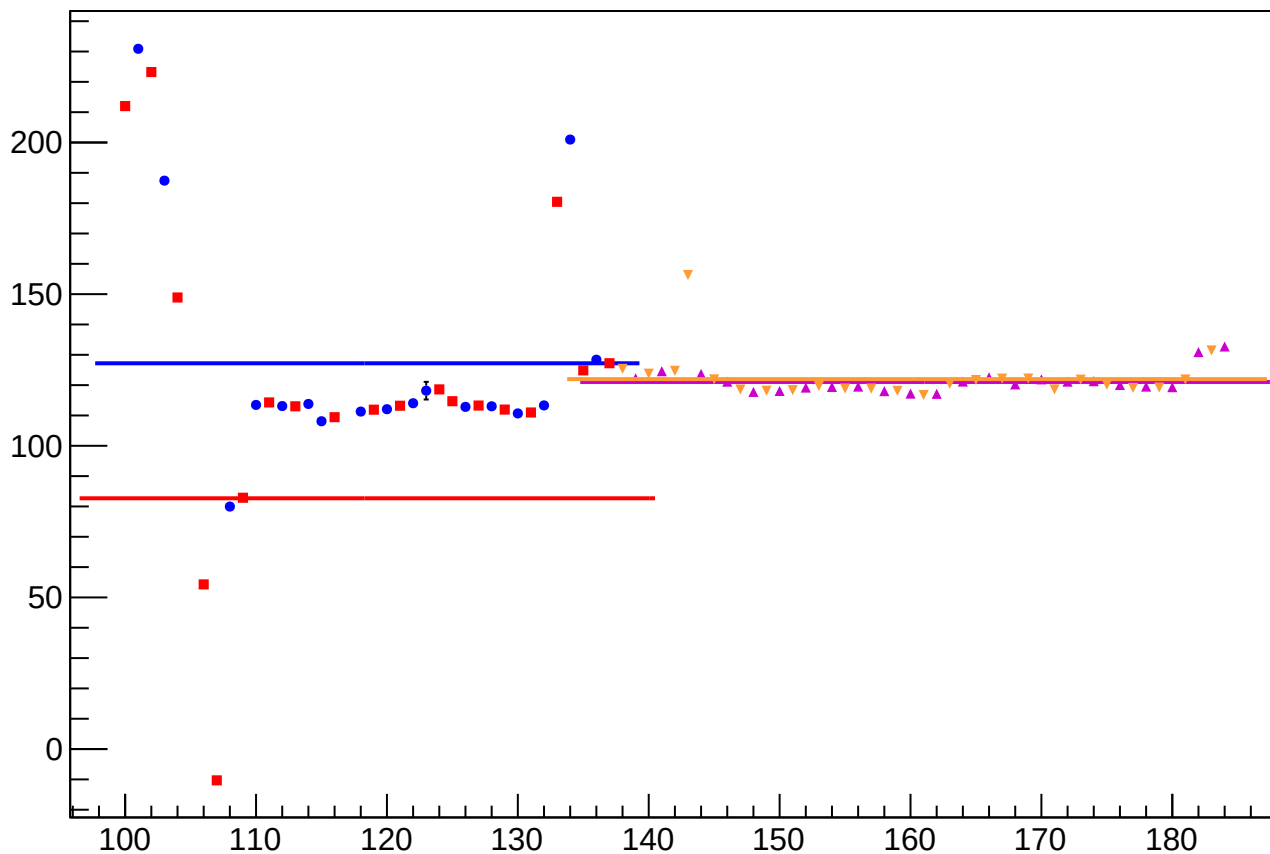
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -85.099 ± 0.746 χ^2/NDF : 1468.9/39

Out: -80.365 ± 0.719 χ^2/NDF : 1847.3/42

All: -82.643 ± 0.518 χ^2/NDF : 3337.1/82

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.987 $\pm$ 0.040 χ^2 /NDF: 29808.3/23

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 121.045 $\pm$ 0.040 χ^2 /NDF: 7903.5/22

Left: 121.514 $\pm$ 0.028 χ^2 /NDF: 37993.6/46

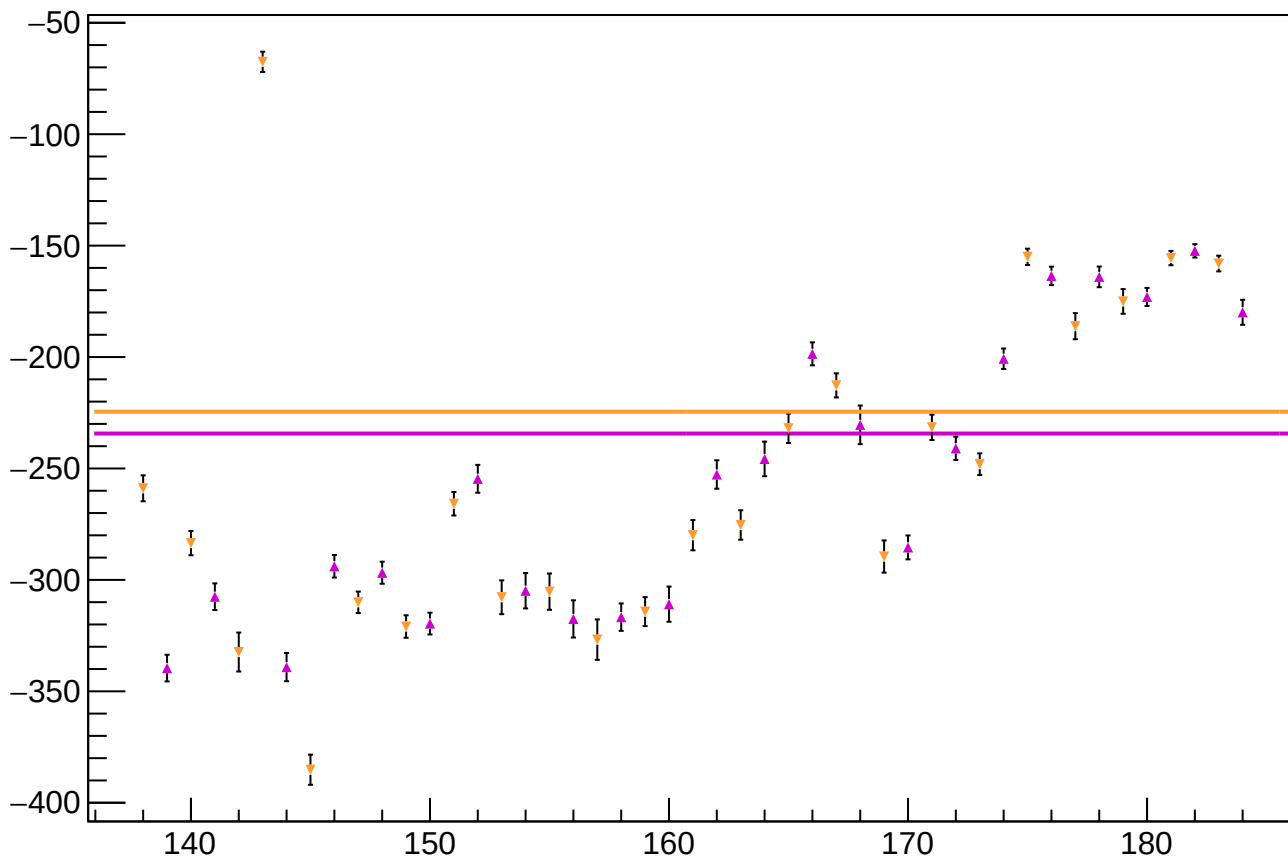
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 122.059 $\pm$ 0.036 χ^2 /NDF: 199918.8/39

Out: 113.425 $\pm$ 0.035 χ^2 /NDF: 1008623.4/42

All: 117.618 $\pm$ 0.025 χ^2 /NDF: 1237864.5/82

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -224.530+/-1.091 χ^2/NDF :4870.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -234.328+/-1.104 χ^2/NDF :3591.9/22

Left: -229.370+/-0.776 χ^2/NDF : 8502.6/46

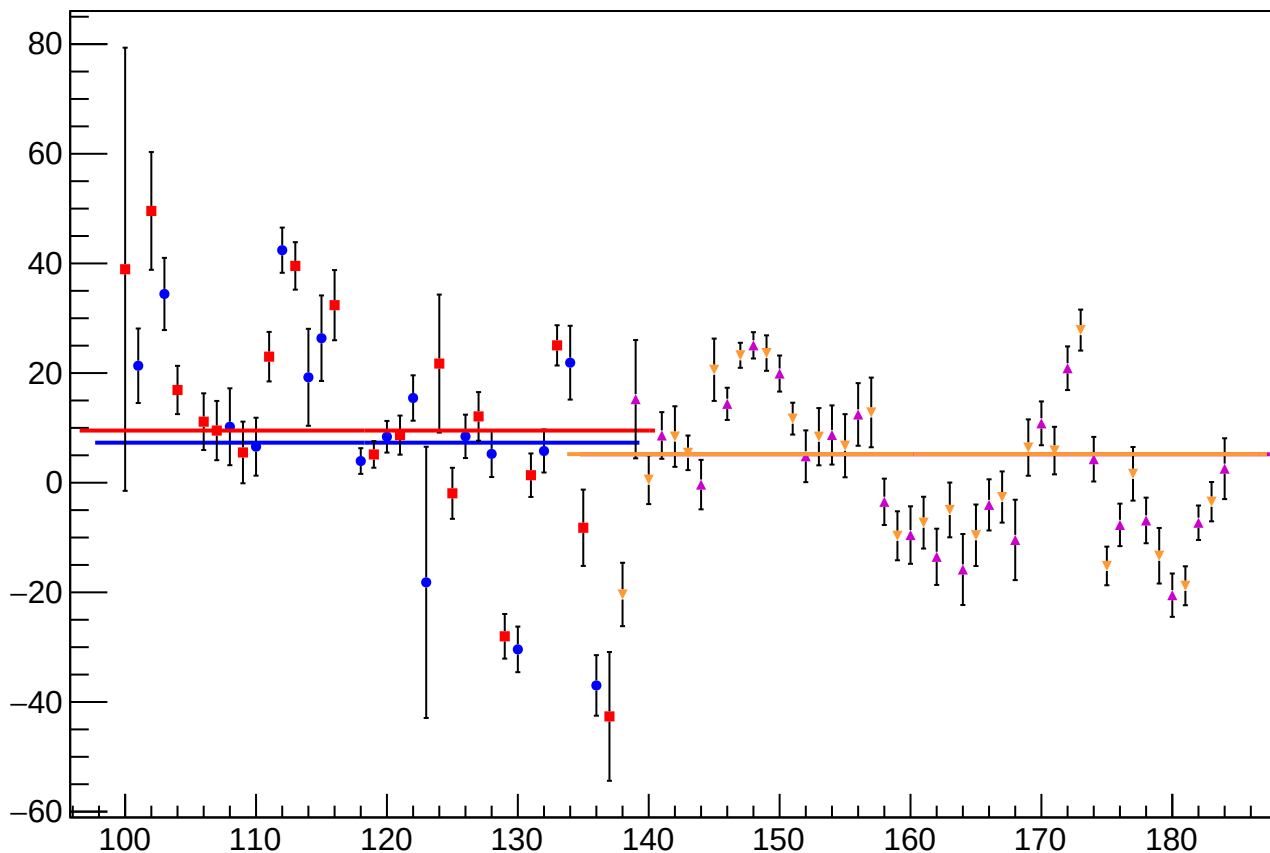
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -234.328+/-1.104 χ^2/NDF :3591.9/22

Out: -224.530+/-1.091 χ^2/NDF :4870.8/23

All: -229.370+/-0.776 χ^2/NDF : 8502.6/46

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 5.216 ± 0.835 χ^2/NDF : 297.7/23

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 5.186 ± 0.867 χ^2/NDF : 243.2/22

Left: 5.202 ± 0.601 χ^2/NDF : 540.9/46

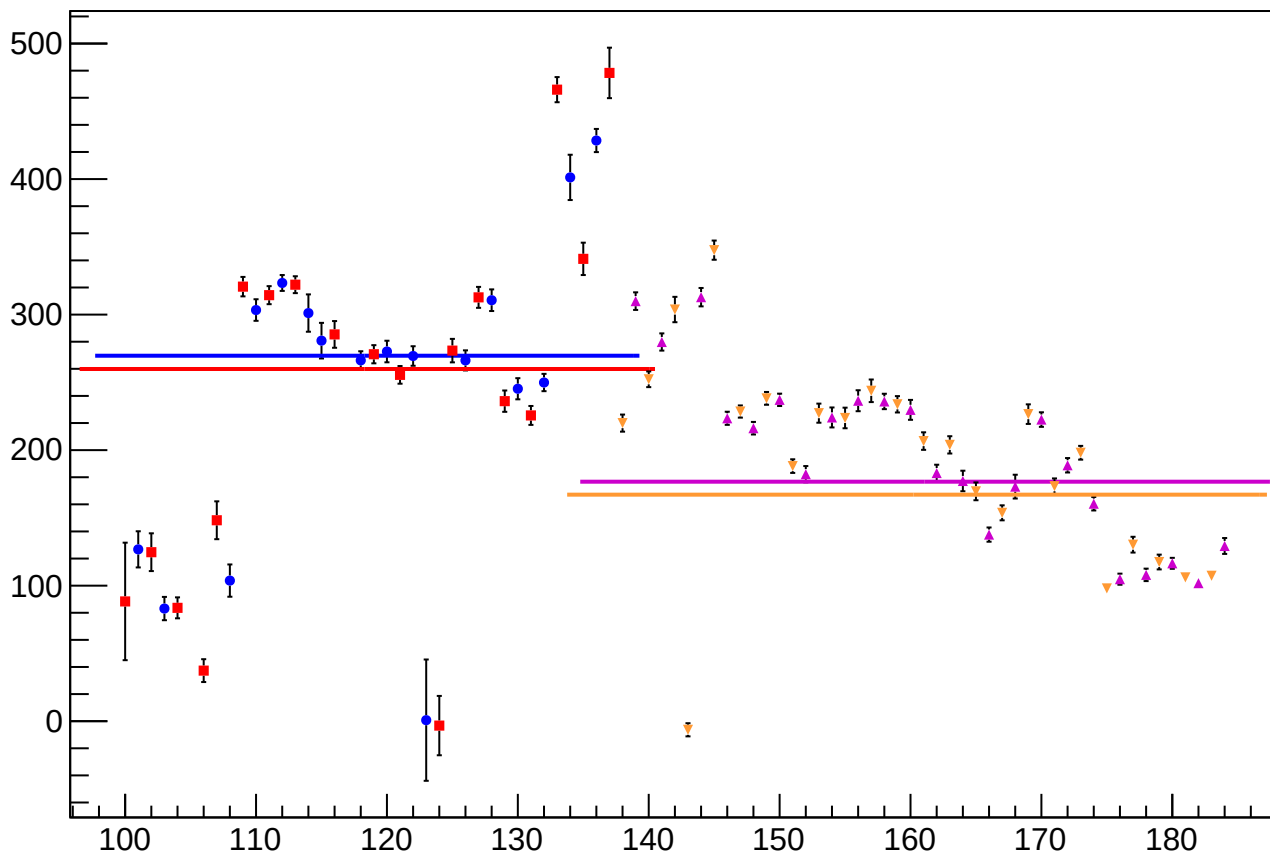
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 6.010 ± 0.677 χ^2/NDF : 506.1/39

Out: 6.837 ± 0.659 χ^2/NDF : 539.4/42

All: 6.435 ± 0.472 χ^2/NDF : 1046.2/82

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2/NDF : 1376.6/16

Left Out: 167.145 $\pm$ 1.093 χ^2/NDF :4453.7/23

Right Out: 259.869 $\pm$ 1.977 χ^2/NDF : 2543.7/18

Left In: 176.711 $\pm$ 1.102 χ^2/NDF :3234.3/22

Left: 171.892 $\pm$ 0.776 χ^2/NDF : 7725.9/46

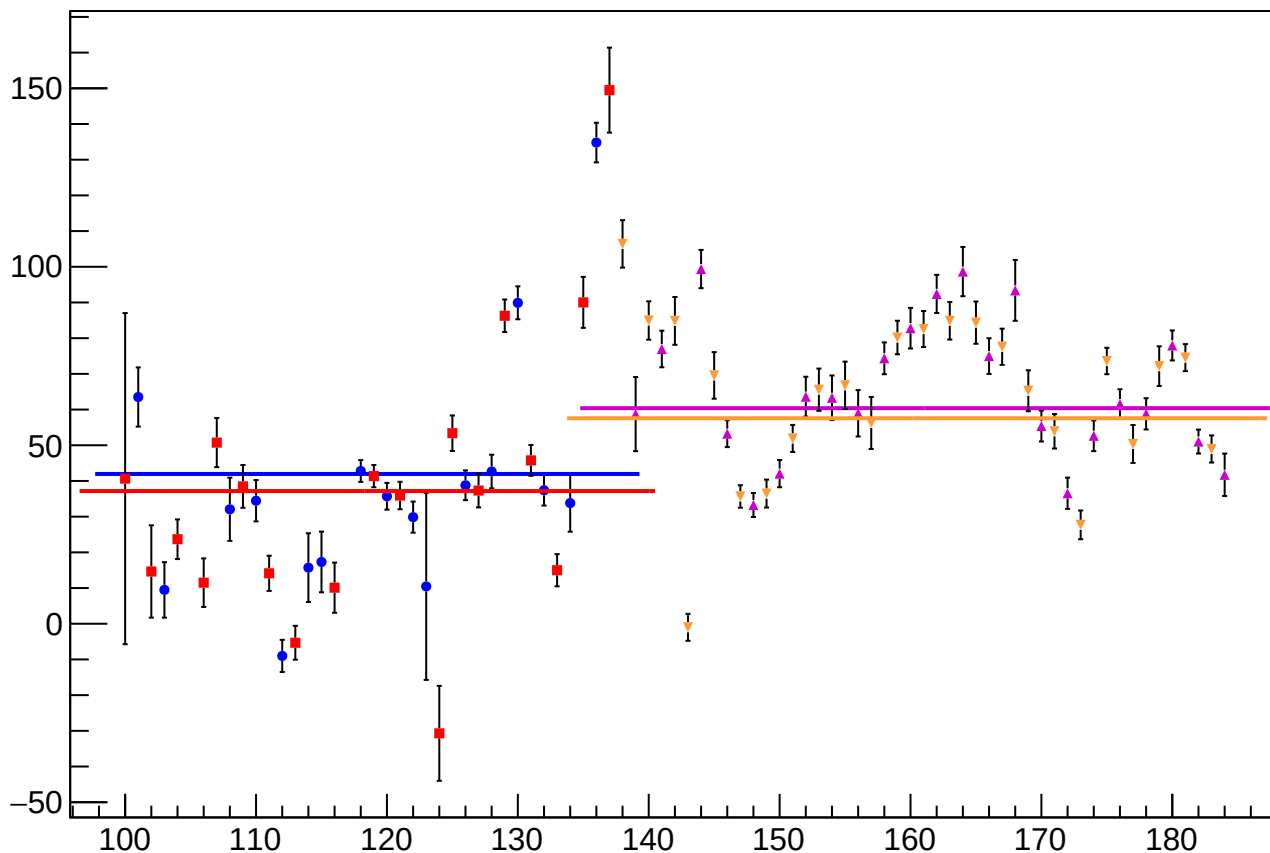
Right: 264.527 $\pm$ 1.432 χ^2/NDF : 3931.9/35

In: 197.140 $\pm$ 0.973 χ^2/NDF :6175.0/39

Out: 188.871 $\pm$ 0.957 χ^2/NDF :8682.1/42

All: 192.935 $\pm$ 0.682 χ^2/NDF : 14893.9/82

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 57.569 $\pm$ 0.961 χ^2 /NDF: 646.2/23

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 60.392 $\pm$ 0.987 χ^2 /NDF: 341.2/22

Left: 58.942 $\pm$ 0.688 χ^2 /NDF: 991.7/46

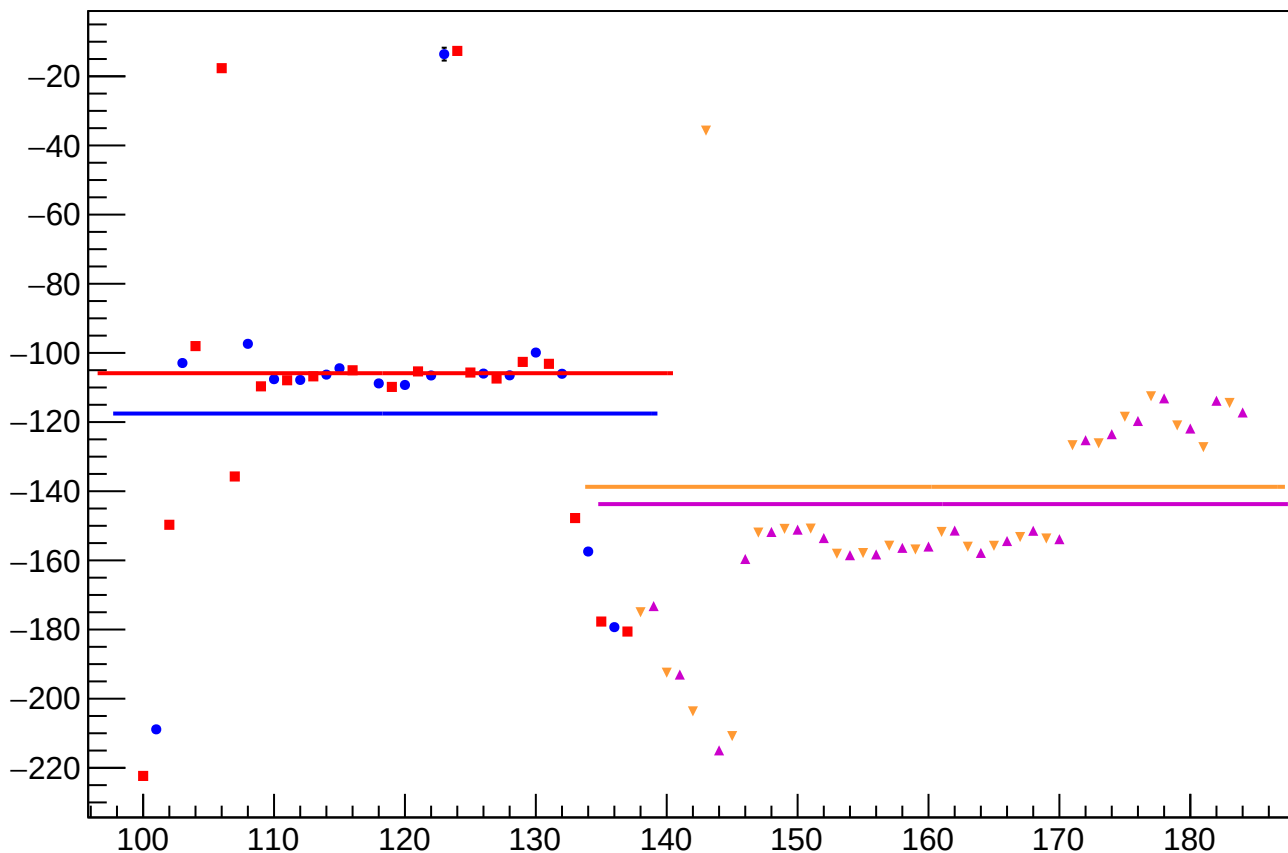
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 53.369 $\pm$ 0.777 χ^2 /NDF: 1048.3/39

Out: 49.885 $\pm$ 0.758 χ^2 /NDF: 1286.9/42

All: 51.586 $\pm$ 0.543 χ^2 /NDF: 2345.5/82

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 χ^2/NDF : 142039.8/16

Left Out: -138.725 ± 0.046 χ^2/NDF : 557322.7/23

Right Out: -105.868 ± 0.073 χ^2/NDF : 324319.1/18

Left In: -143.726 ± 0.046 χ^2/NDF : 260994.5/22

Left: -141.217 ± 0.032 χ^2/NDF : 824269.9/46

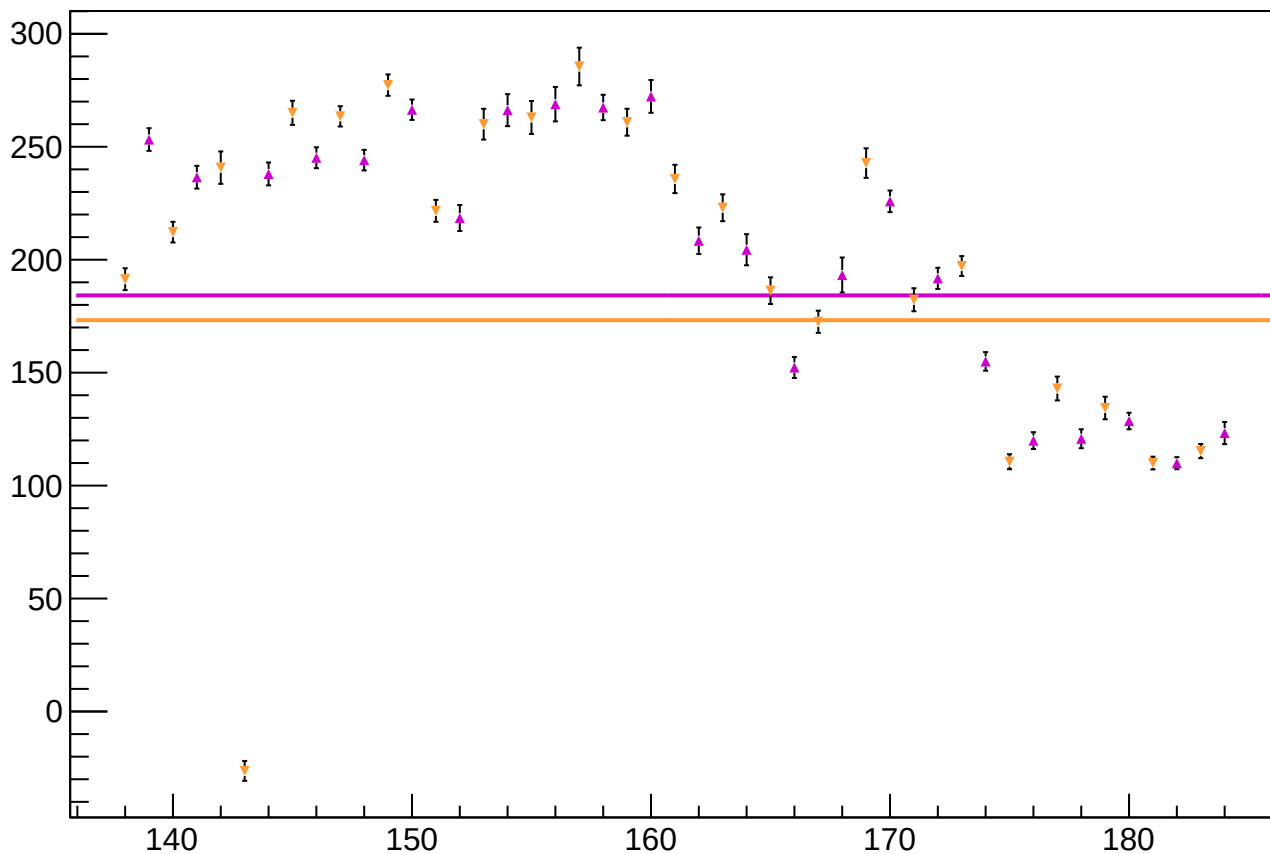
Right: -111.288 ± 0.053 χ^2/NDF : 478296.7/35

In: -137.003 ± 0.040 χ^2/NDF : 486587.3/39

Out: -129.414 ± 0.039 χ^2/NDF : 1027715.1/42

All: -133.127 ± 0.028 χ^2/NDF : 1533081.1/82

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 173.234+/-0.976 χ^2/NDF :5845.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 184.205+/-0.987 χ^2/NDF :3637.1/22

Left: 178.661+/-0.694 χ^2/NDF : 9545.5/46

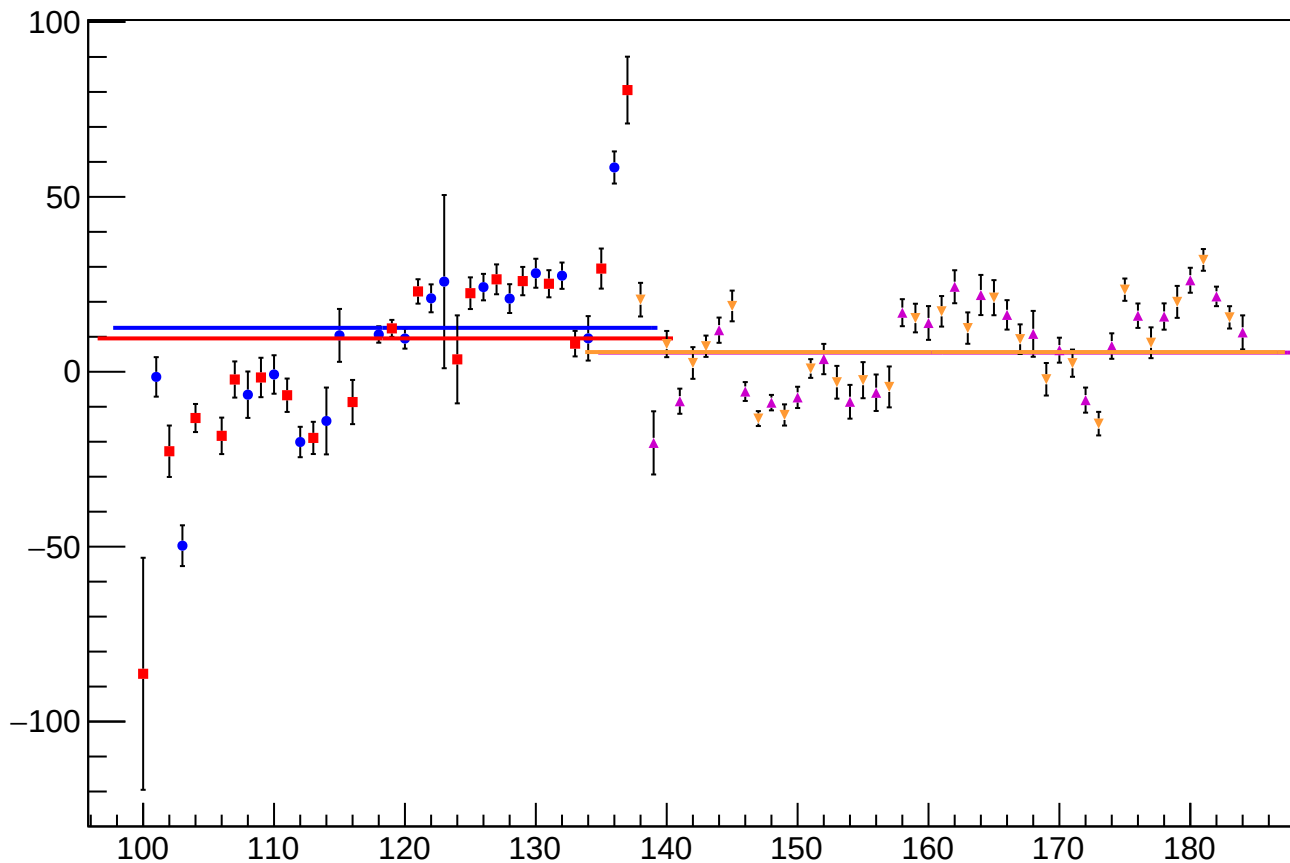
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 184.205+/-0.987 χ^2/NDF :3637.1/22

Out: 173.234+/-0.976 χ^2/NDF :5845.9/23

All: 178.661+/-0.694 χ^2/NDF : 9545.5/46

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 ± 1.057 χ^2/NDF : 348.6/16

Left Out: 5.633 ± 0.754 χ^2/NDF : 335.3/23

Right Out: 9.535 ± 1.049 χ^2/NDF : 295.8/18

Left In: 5.483 ± 0.779 χ^2/NDF : 259.1/22

Left: 5.561 ± 0.542 χ^2/NDF : 594.4/46

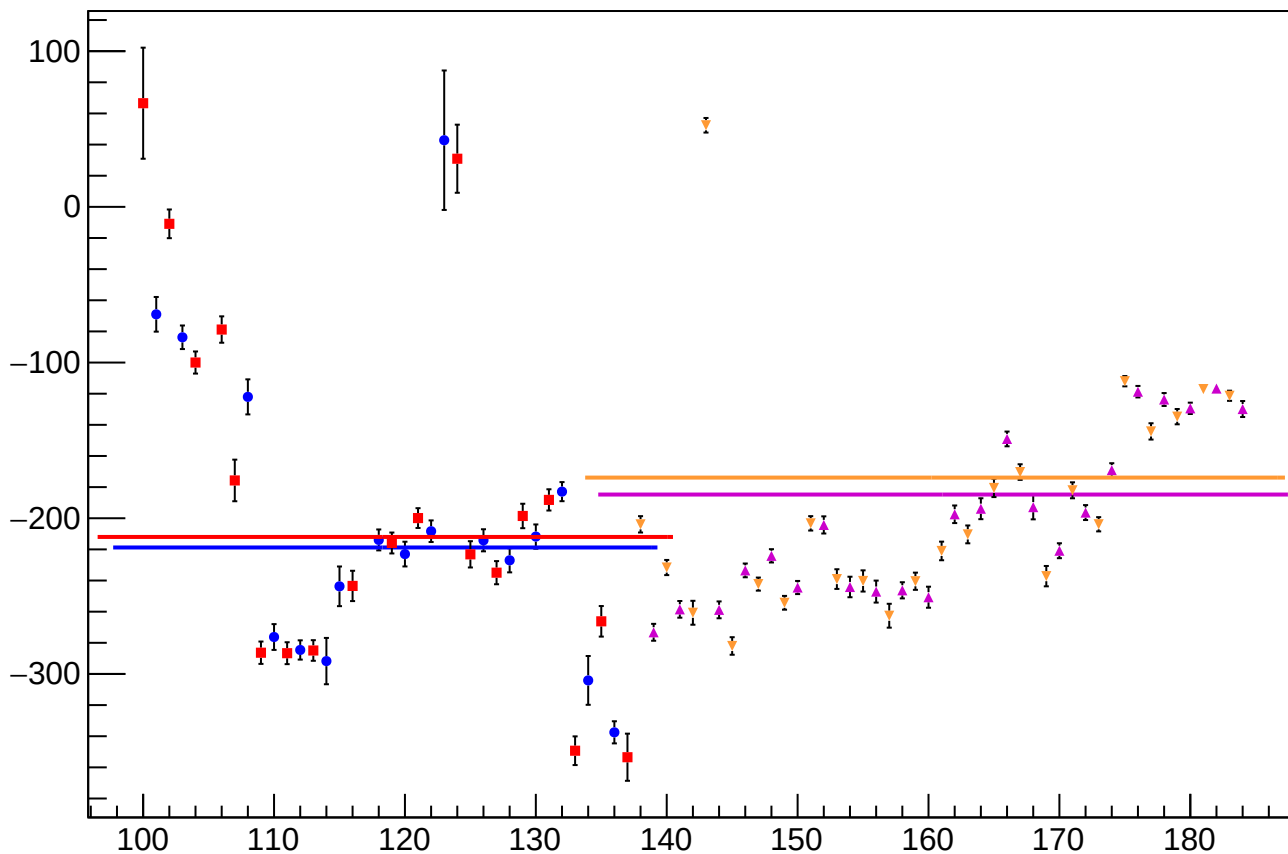
Right: 11.035 ± 0.745 χ^2/NDF : 648.5/35

In: 7.972 ± 0.627 χ^2/NDF : 636.7/39

Out: 6.962 ± 0.612 χ^2/NDF : 640.3/42

All: 7.454 ± 0.438 χ^2/NDF : 1278.3/82

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -173.880 ± 0.981 $\chi^2/\text{NDF}: 5442.4/23$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -184.774 ± 0.987 $\chi^2/\text{NDF}: 3082.4/22$

Left: -179.293 ± 0.696 $\chi^2/\text{NDF}: 8586.1/46$

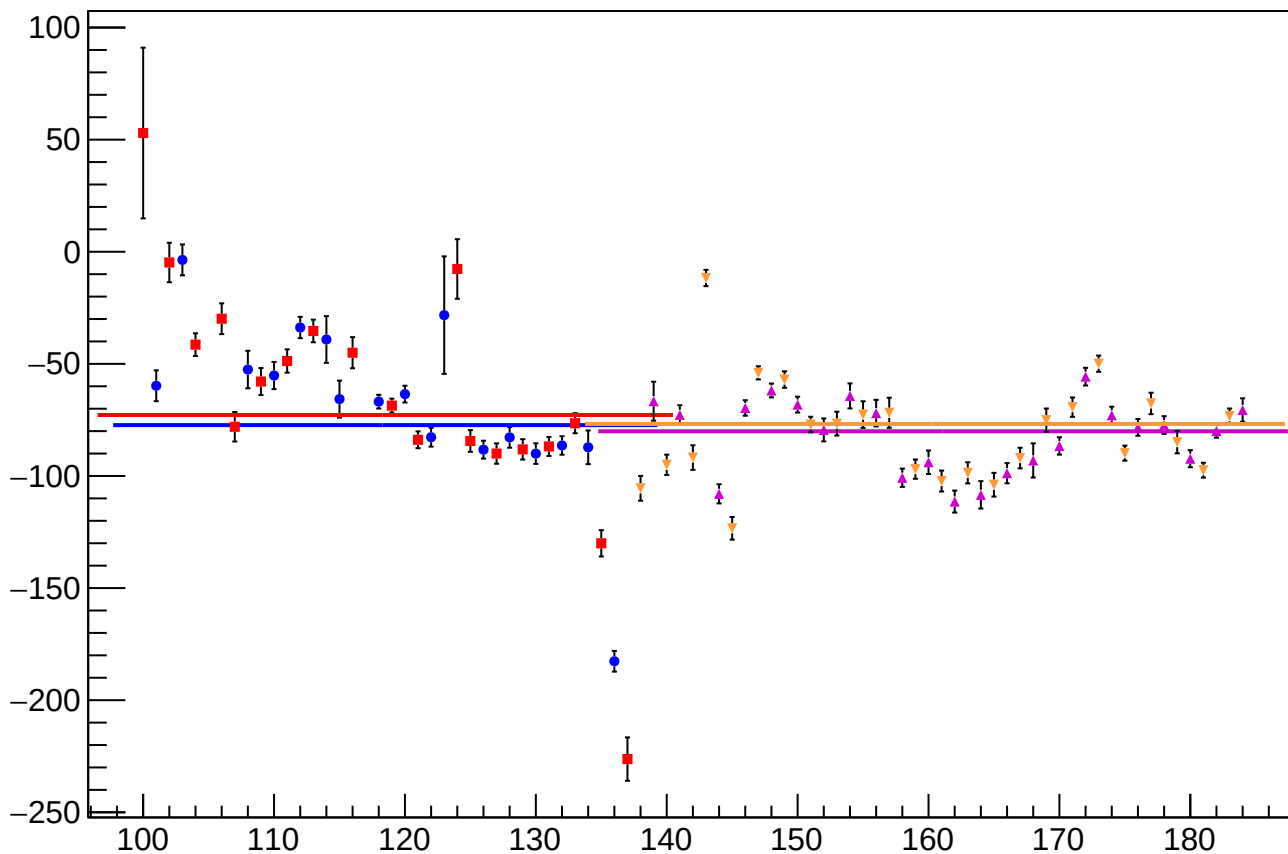
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -191.376 ± 0.886 $\chi^2/\text{NDF}: 4457.3/39$

Out: -181.747 ± 0.874 $\chi^2/\text{NDF}: 7639.8/42$

All: -186.495 ± 0.622 $\chi^2/\text{NDF}: 12157.0/82$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -76.803 ± 0.866 χ^2/NDF : 775.0/23

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

Left: -78.397 ± 0.619 χ^2/NDF : 1068.7/46

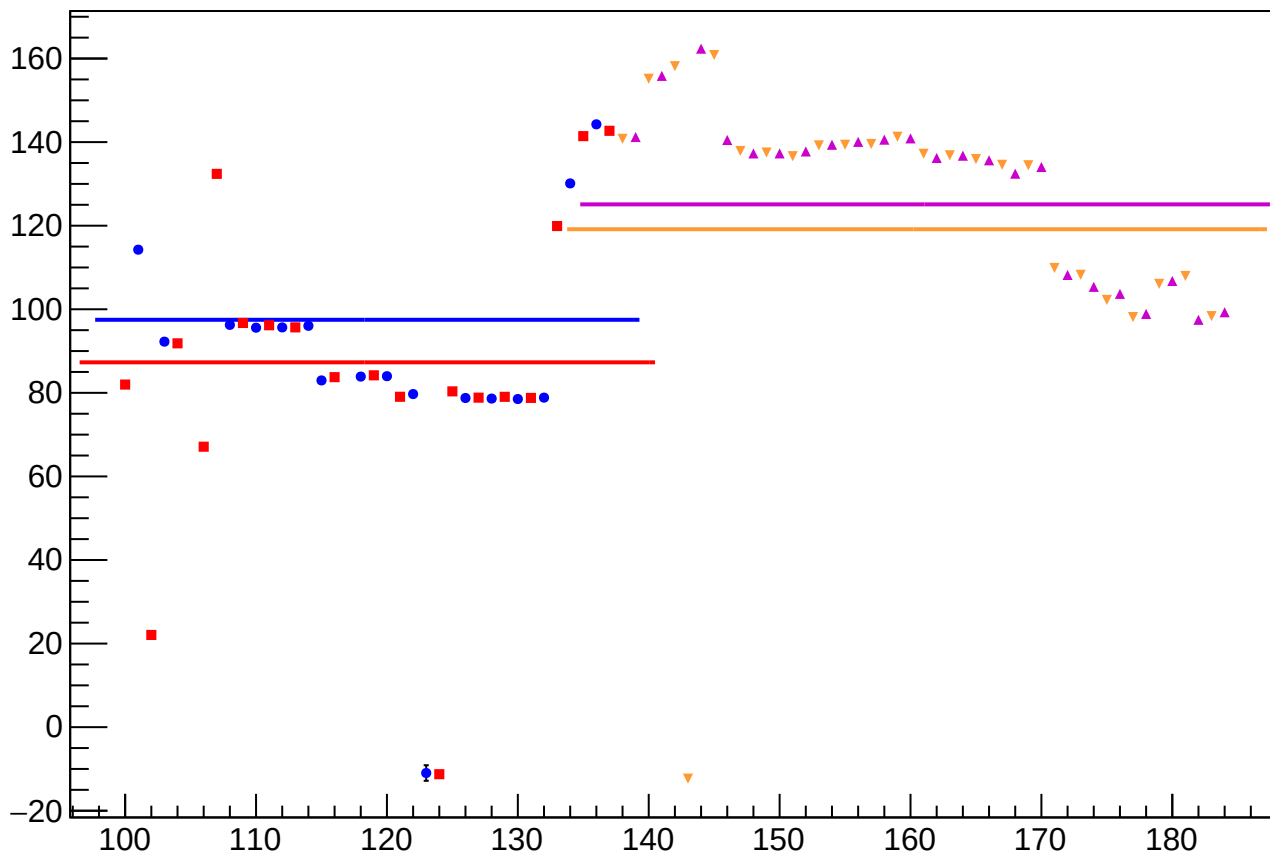
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -79.120 ± 0.717 χ^2/NDF : 1107.8/39

Out: -75.442 ± 0.703 χ^2/NDF : 1454.0/42

All: -77.245 ± 0.502 χ^2/NDF : 2575.2/82

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 119.154+/-0.041 χ^2/NDF : 721869.6/23

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 125.101+/-0.041 χ^2/NDF : 222793.3/22

Left: 122.126+/-0.029 χ^2/NDF : 955139.9/46

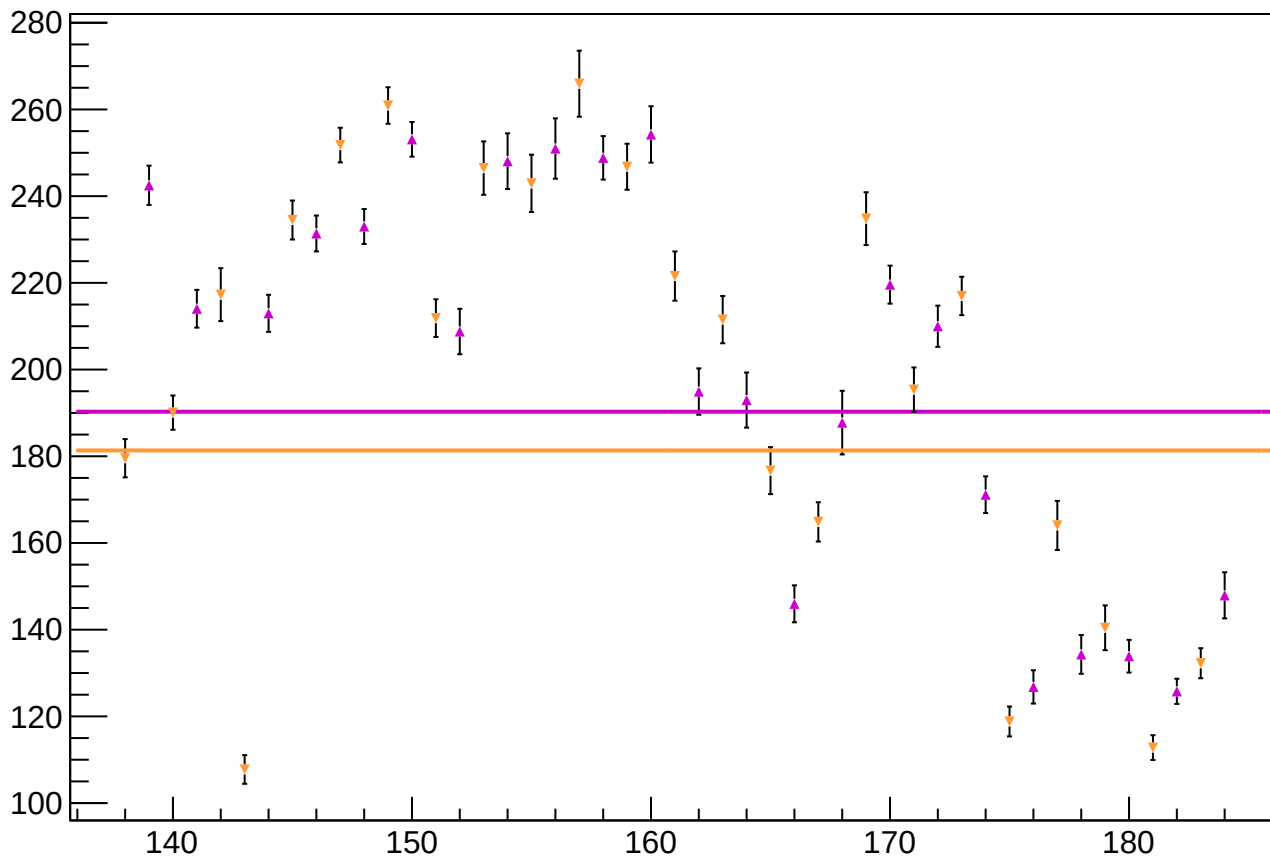
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 118.505+/-0.036 χ^2/NDF : 425051.6/39

Out: 110.680+/-0.035 χ^2/NDF : 1103784.5/42

All: 114.519+/-0.025 χ^2/NDF : 1553096.6/82

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: 181.343+/-0.921 χ^2/NDF :3288.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 190.279+/-0.949 χ^2/NDF :2452.9/22

Left: 185.677+/-0.661 χ^2/NDF : 5787.2/46

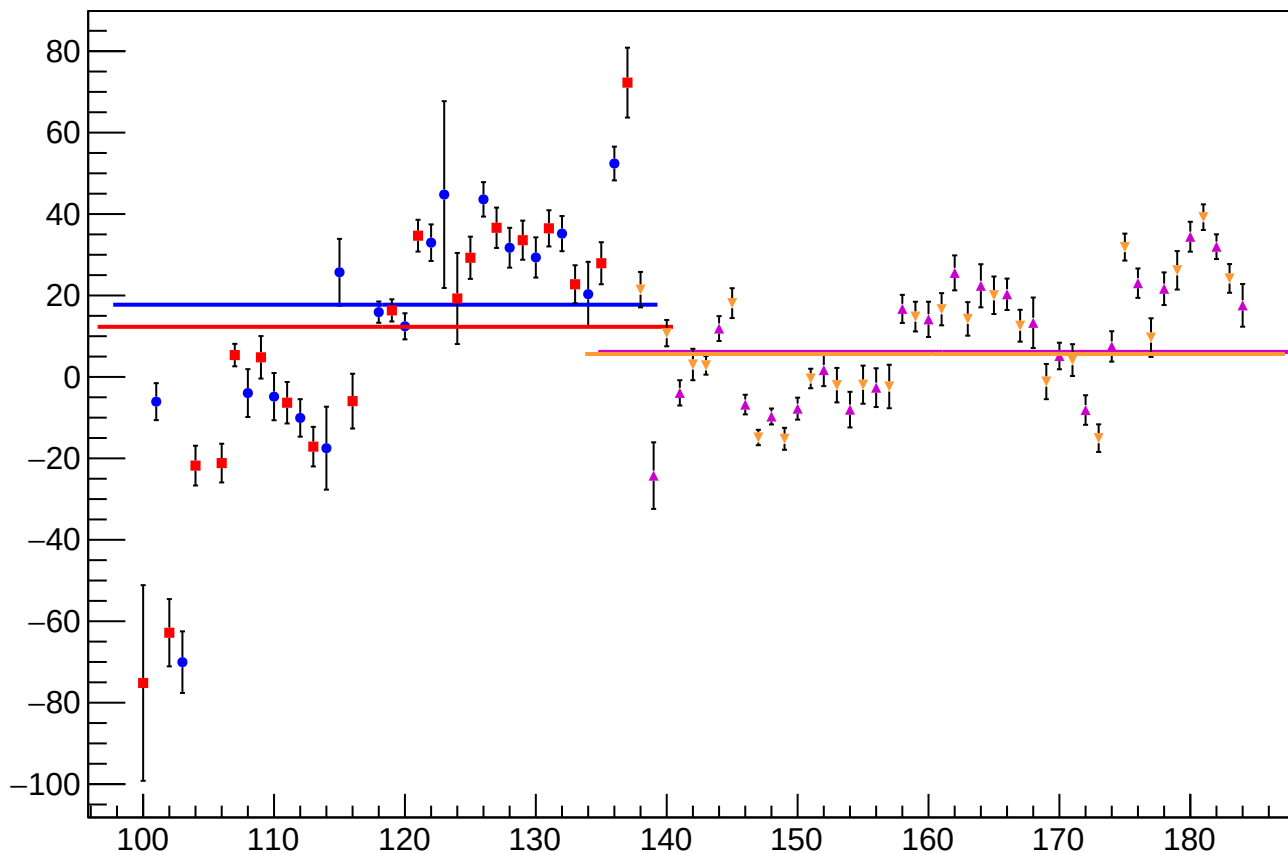
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 190.279+/-0.949 χ^2/NDF :2452.9/22

Out: 181.343+/-0.921 χ^2/NDF :3288.6/23

All: 185.677+/-0.661 χ^2/NDF : 5787.2/46

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 5.638 $\pm$ 0.692 χ^2 /NDF: 515.9/23

Right Out: 12.306 $\pm$ 1.084 χ^2 /NDF: 442.5/18

Left In: 6.151 $\pm$ 0.730 χ^2 /NDF: 410.6/22

Left: 5.881 $\pm$ 0.502 χ^2 /NDF: 926.7/46

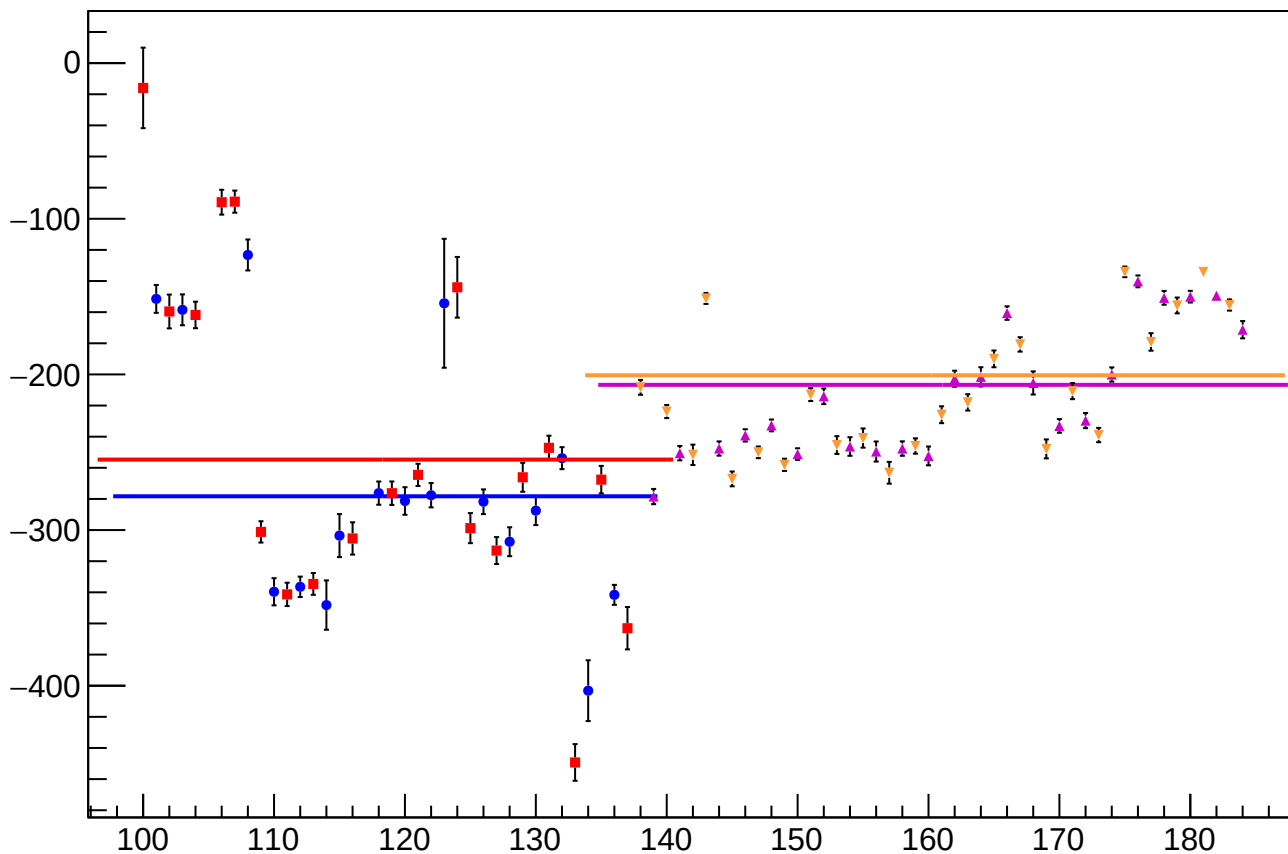
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 9.484 $\pm$ 0.616 χ^2 /NDF: 877.0/39

Out: 7.569 $\pm$ 0.583 χ^2 /NDF: 985.2/42

All: 8.474 $\pm$ 0.424 χ^2 /NDF: 1867.3/82

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -200.557 ± 0.925 χ^2/NDF : 2467.0/23

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

Left: -203.558 ± 0.661 χ^2/NDF : 4623.5/46

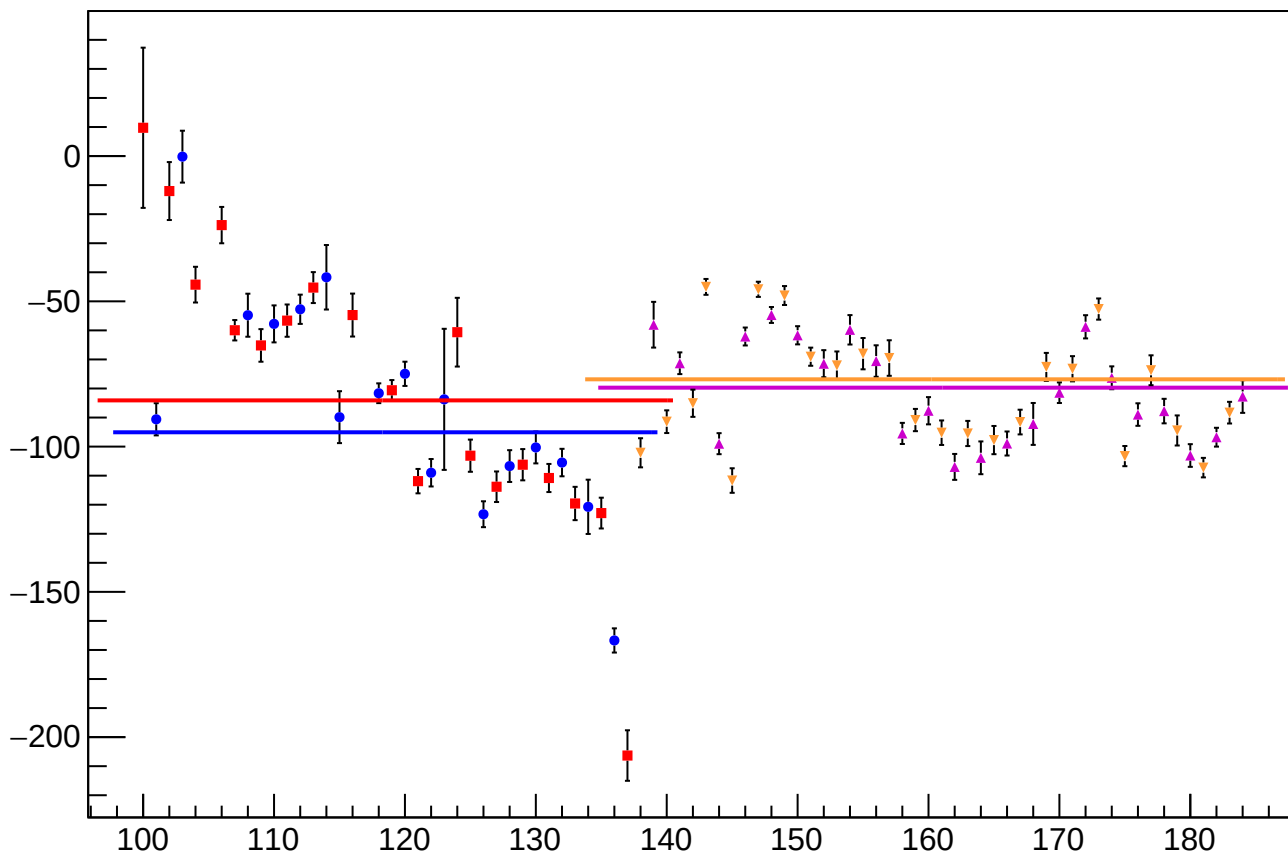
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -218.116 ± 0.867 χ^2/NDF : 3958.0/39

Out: -209.951 ± 0.841 χ^2/NDF : 5099.9/42

All: -213.906 ± 0.604 χ^2/NDF : 9103.6/82

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: -76.842 ± 0.802 χ^2/NDF : 764.9/23

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

Left: -78.219 ± 0.579 χ^2/NDF : 1186.2/46

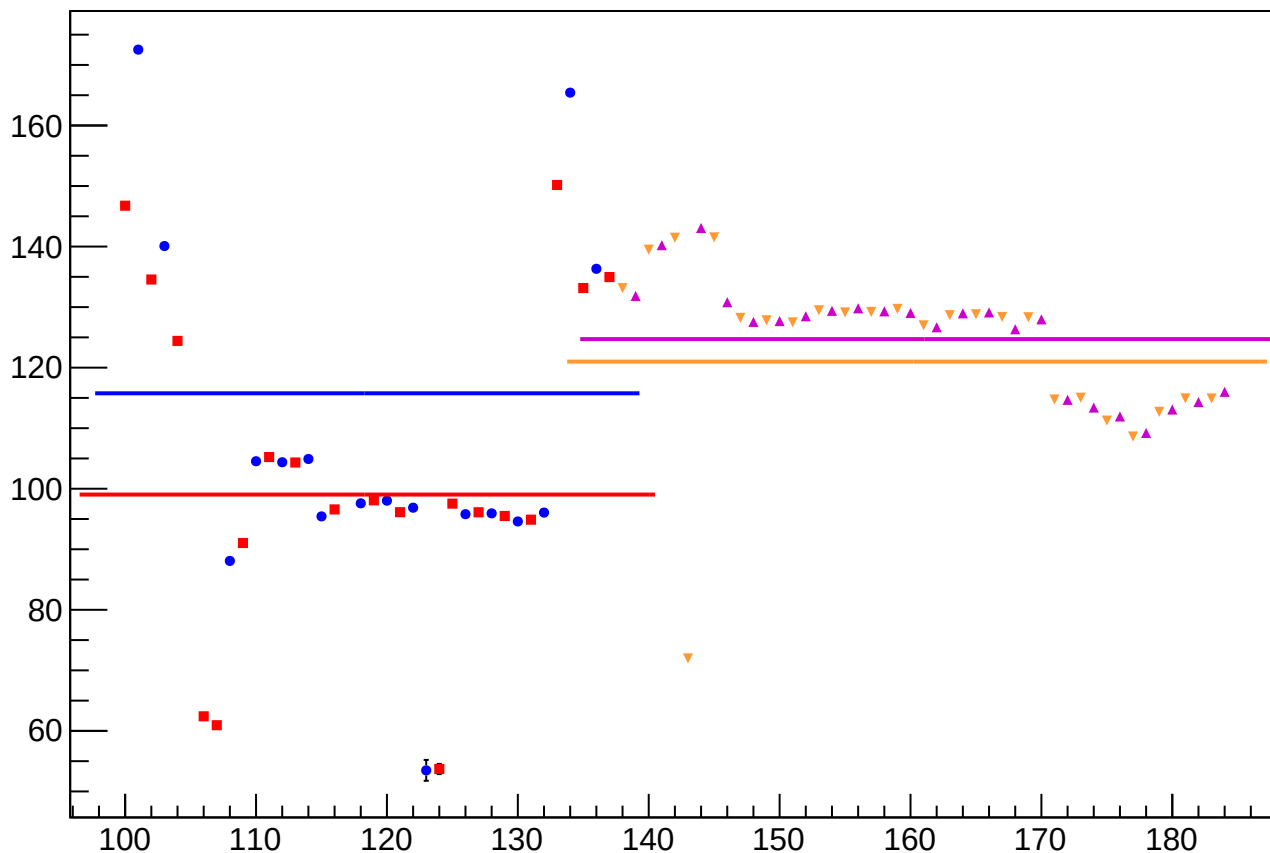
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -84.100 ± 0.708 χ^2/NDF : 1184.3/39

Out: -78.941 ± 0.676 χ^2/NDF : 1568.9/42

All: -81.402 ± 0.489 χ^2/NDF : 2781.0/82

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 120.998 $\pm$ 0.038 χ^2 /NDF:182176.7/23

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 124.714 $\pm$ 0.039 χ^2 /NDF:51750.7/22

Left: 122.826 $\pm$ 0.027 χ^2 /NDF: 238522.2/46

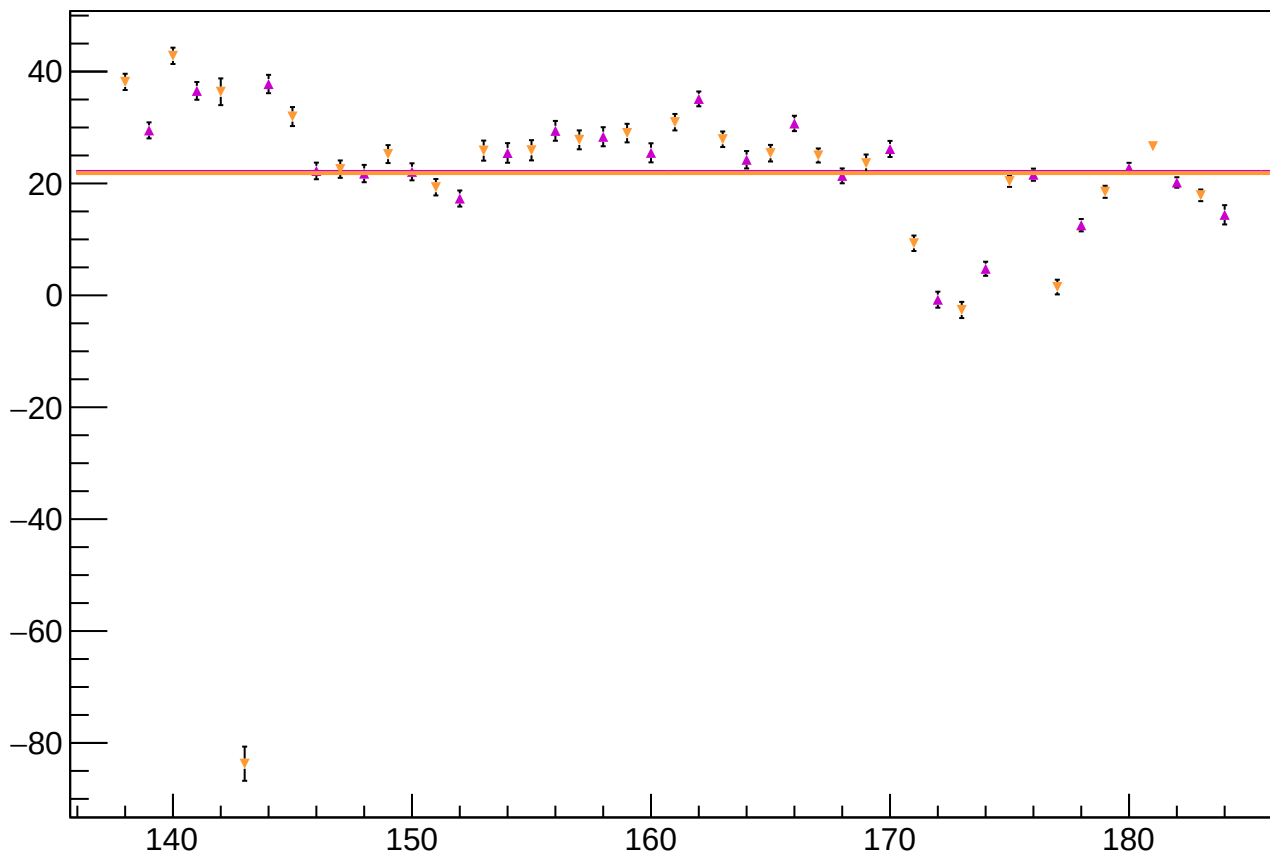
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 122.921 $\pm$ 0.035 χ^2 /NDF:168557.2/39

Out: 115.733 $\pm$ 0.034 χ^2 /NDF:433846.9/42

All: 119.178 $\pm$ 0.024 χ^2 /NDF: 624433.8/82

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 21.854+/-0.285 χ^2/NDF :2382.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.055+/-0.284 χ^2/NDF :941.3/22

Left: 21.954+/-0.201 χ^2/NDF : 3324.0/46

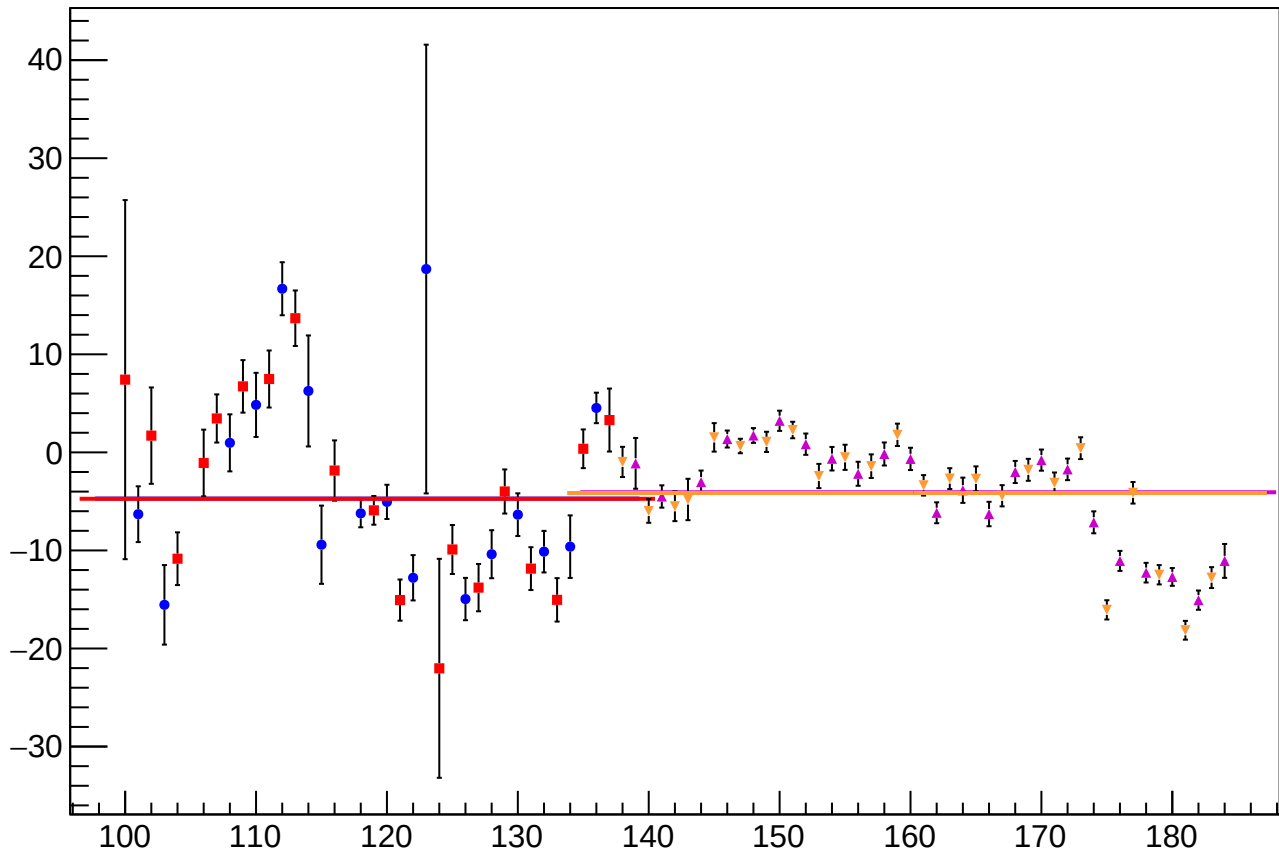
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.055+/-0.284 χ^2/NDF :941.3/22

Out: 21.854+/-0.285 χ^2/NDF :2382.5/23

All: 21.954+/-0.201 χ^2/NDF : 3324.0/46

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -4.144 ± 0.225 χ^2/NDF : 715.4/23

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -4.069 ± 0.227 χ^2/NDF : 580.1/22

Left: -4.107 ± 0.160 χ^2/NDF : 1295.5/46

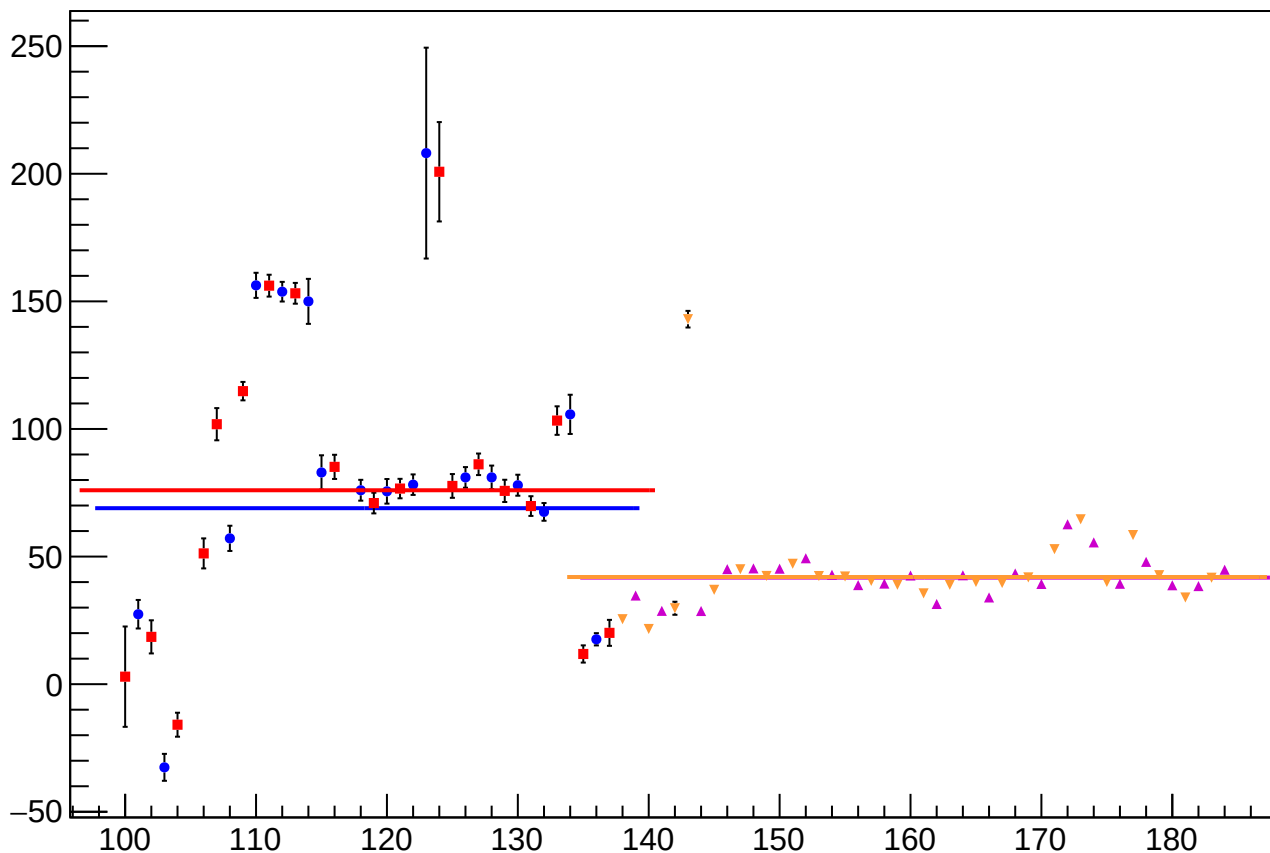
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -4.155 ± 0.212 χ^2/NDF : 755.8/39

Out: -4.220 ± 0.210 χ^2/NDF : 906.0/42

All: -4.188 ± 0.149 χ^2/NDF : 1661.9/82

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 41.987 ± 0.284 $\chi^2/\text{NDF}: 1855.8/23$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 41.755 ± 0.283 $\chi^2/\text{NDF}: 659.6/22$

Left: 41.870 ± 0.201 $\chi^2/\text{NDF}: 2515.7/46$

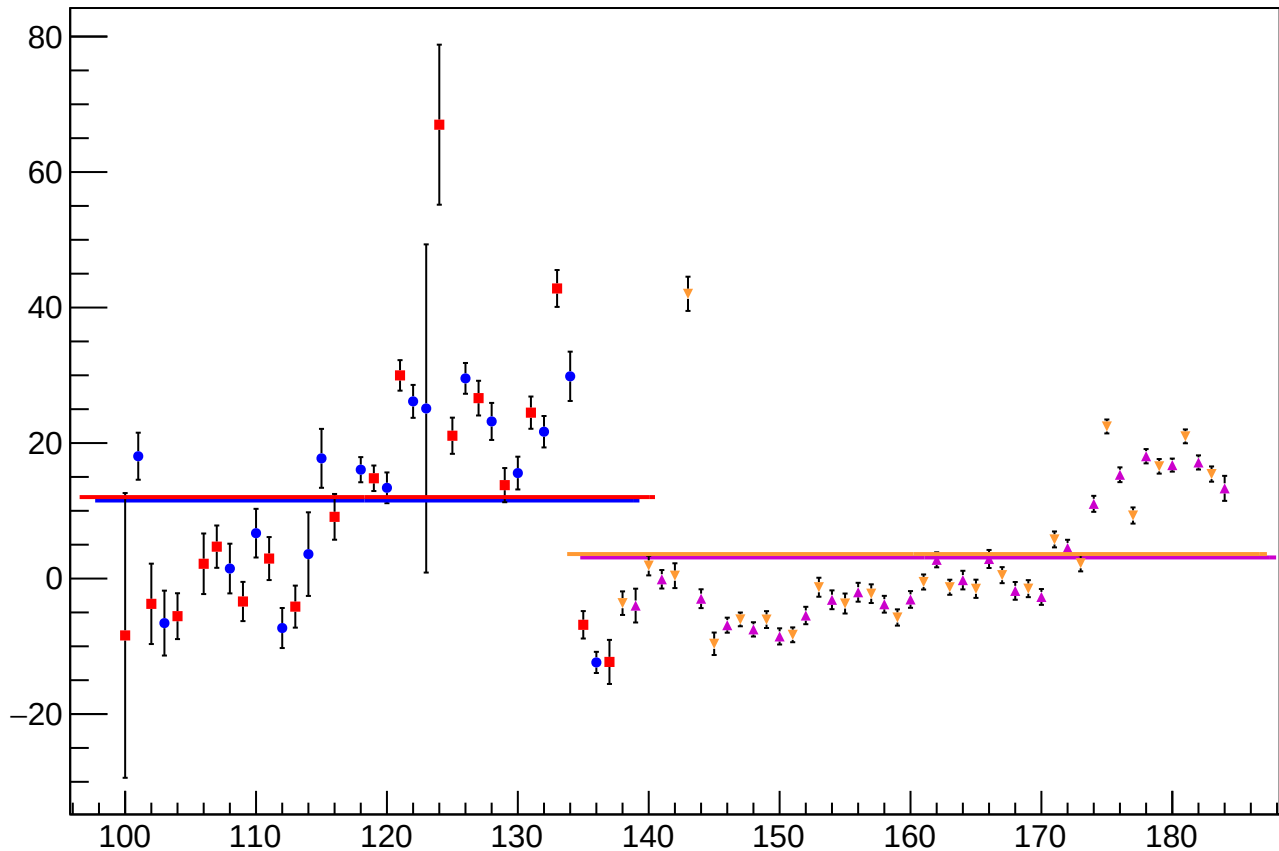
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 43.506 ± 0.274 $\chi^2/\text{NDF}: 3098.5/39$

Out: 44.229 ± 0.275 $\chi^2/\text{NDF}: 4694.5/42$

All: 43.866 ± 0.194 $\chi^2/\text{NDF}: 7796.4/82$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: 3.618+/-0.254 χ^2/NDF : 1679.6/23

Right Out: 12.026+/-0.664 χ^2/NDF : 539.7/18

Left In: 3.114+/-0.256 χ^2/NDF : 1273.1/22

Left: 3.368+/-0.180 χ^2/NDF : 2954.6/46

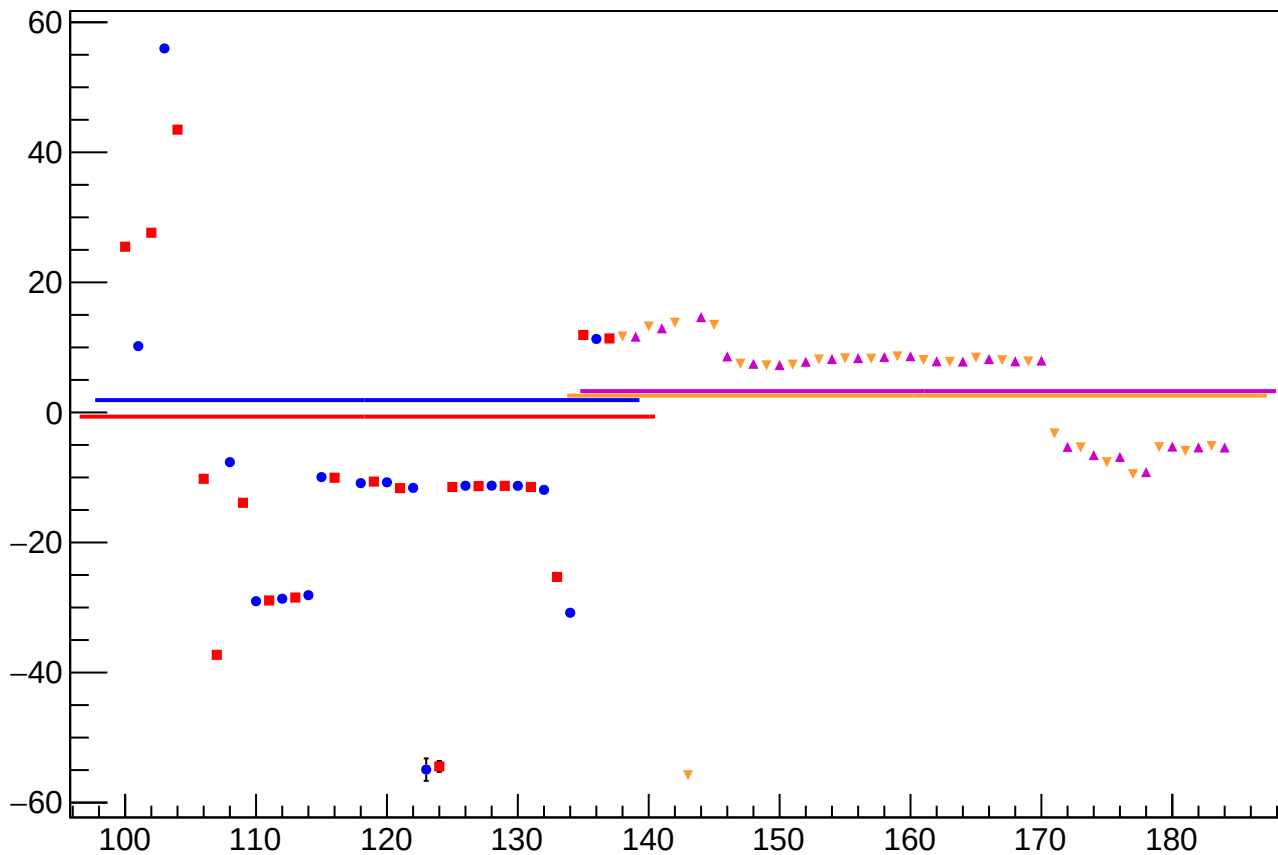
Right: 11.772+/-0.468 χ^2/NDF : 1017.2/35

In: 4.216+/-0.239 χ^2/NDF : 1891.3/39

Out: 4.692+/-0.237 χ^2/NDF : 2359.1/42

All: 4.456+/-0.168 χ^2/NDF : 4252.4/82

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 2.588 $\pm$ 0.012 χ^2 /NDF:608012.1/23

Right Out: -0.644 $\pm$ 0.037 χ^2 /NDF: 361626.2/18

Left In: 3.281 $\pm$ 0.012 χ^2 /NDF:409605.3/22

Left: 2.937 $\pm$ 0.008 χ^2 /NDF: 1019389.2/46

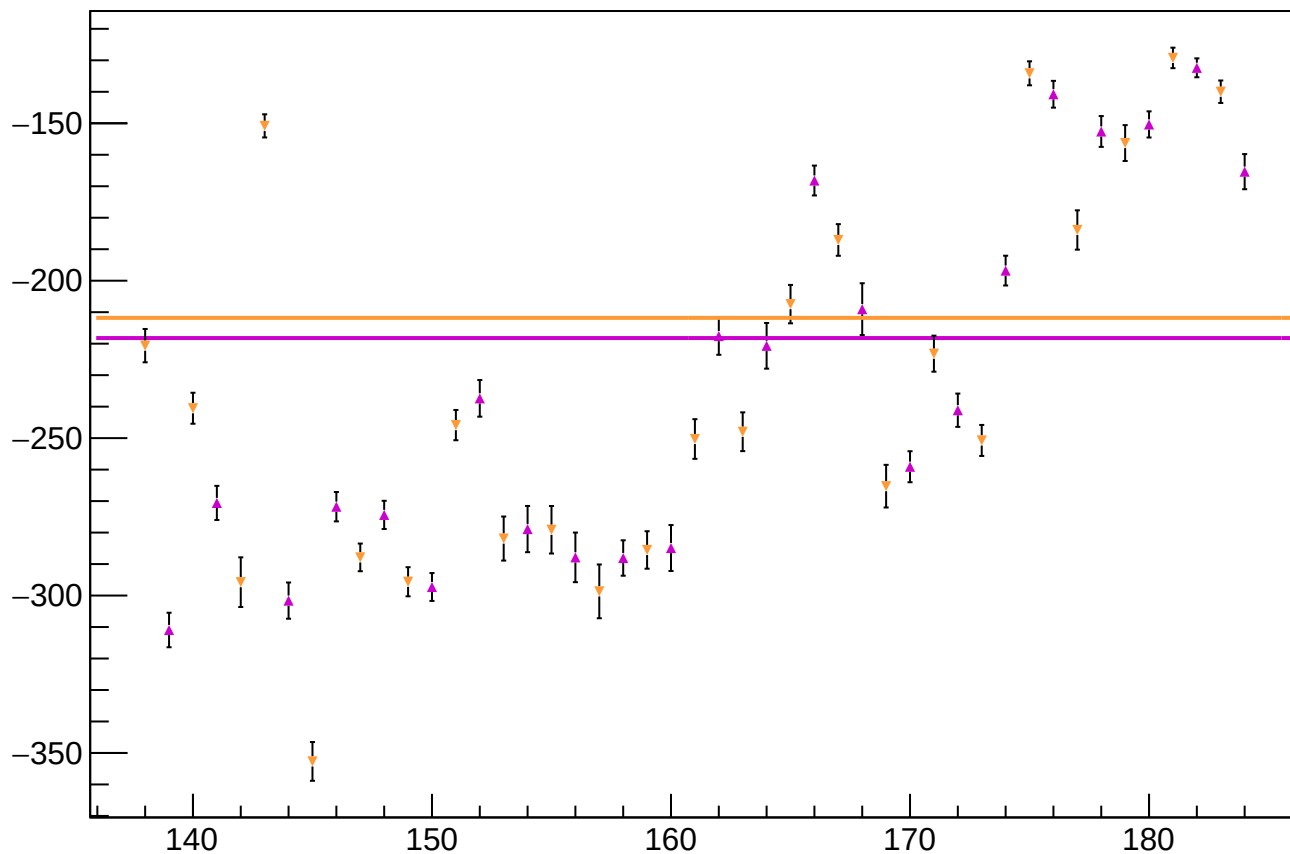
Right: 0.626 $\pm$ 0.026 χ^2 /NDF: 722831.9/35

In: 3.157 $\pm$ 0.011 χ^2 /NDF:769734.2/39

Out: 2.295 $\pm$ 0.011 χ^2 /NDF:976557.7/42

All: 2.729 $\pm$ 0.008 χ^2 /NDF: 1749301.7/82

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -211.801 ± 1.040 $\chi^2/\text{NDF}: 3869.1/23$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -218.216 ± 1.063 $\chi^2/\text{NDF}: 3499.0/22$

Left: -214.938 ± 0.743 $\chi^2/\text{NDF}: 7386.7/46$

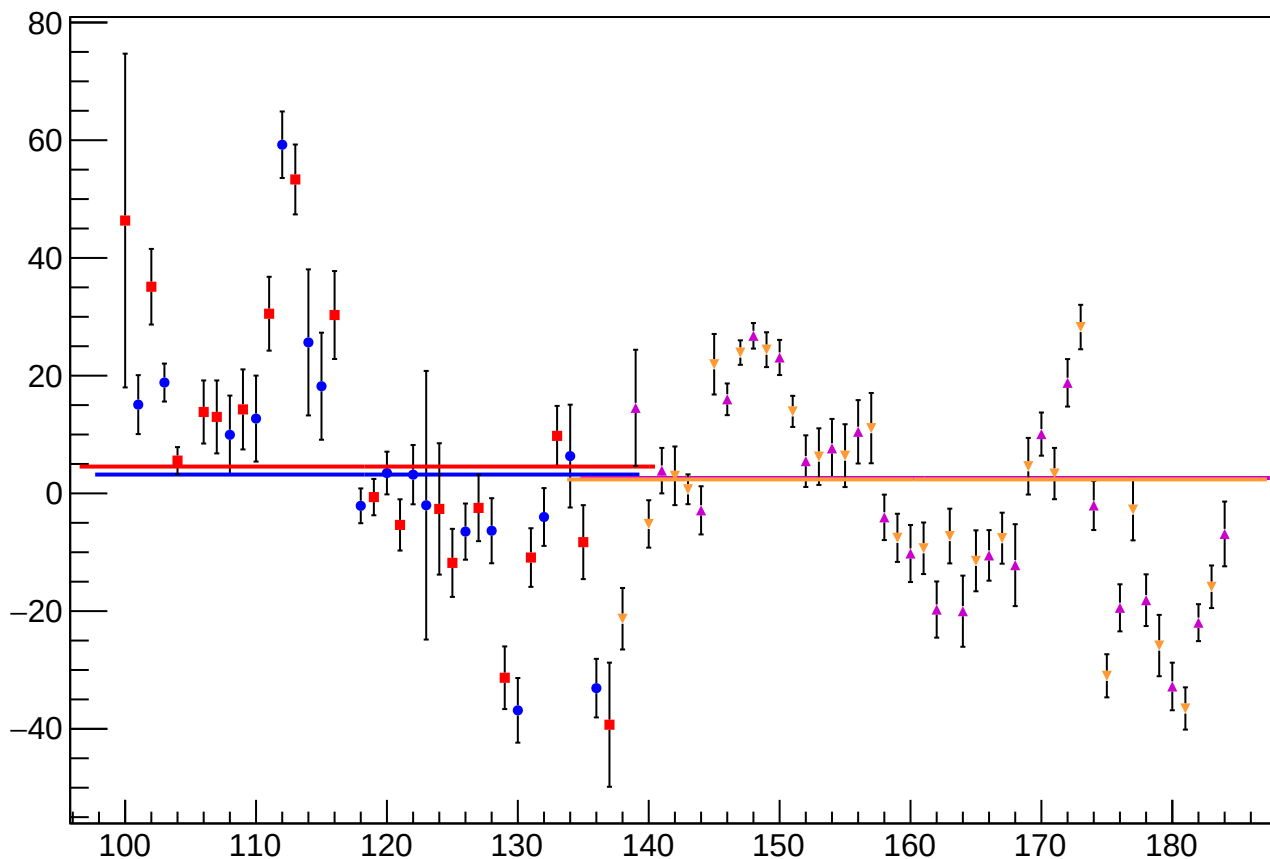
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -218.216 ± 1.063 $\chi^2/\text{NDF}: 3499.0/22$

Out: -211.801 ± 1.040 $\chi^2/\text{NDF}: 3869.1/23$

All: -214.938 ± 0.743 $\chi^2/\text{NDF}: 7386.7/46$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 $\pm$ 1.227 χ^2 /NDF: 255.2/16

Left Out: 2.378 $\pm$ 0.780 χ^2 /NDF:557.1/23

Right Out: 4.558 $\pm$ 1.158 χ^2 /NDF: 223.9/18

Left In: 2.619 $\pm$ 0.821 χ^2 /NDF:477.6/22

Left: 2.492 $\pm$ 0.565 χ^2 /NDF: 1034.8/46

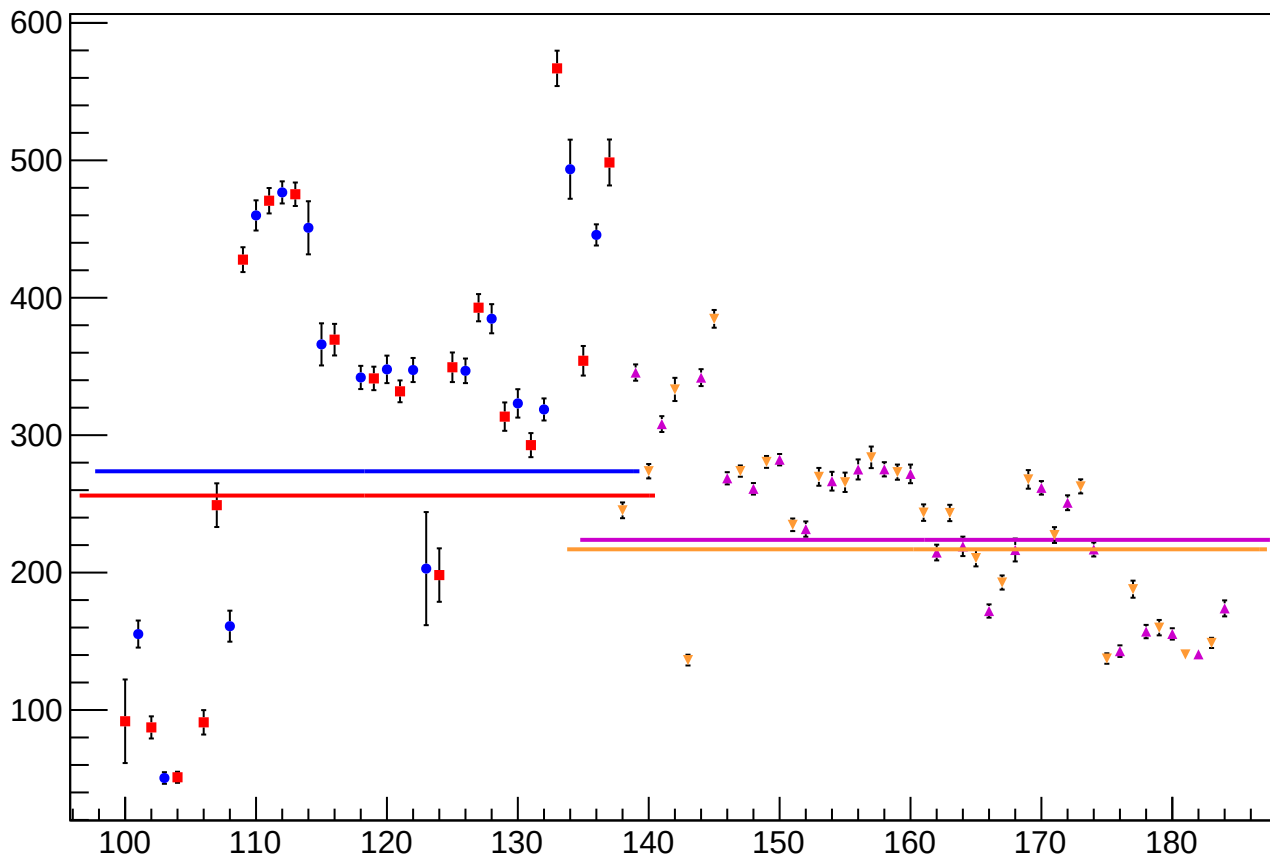
Right: 3.919 $\pm$ 0.842 χ^2 /NDF: 479.7/35

In: 2.798 $\pm$ 0.682 χ^2 /NDF:732.9/39

Out: 3.059 $\pm$ 0.647 χ^2 /NDF:783.5/42

All: 2.935 $\pm$ 0.469 χ^2 /NDF: 1516.5/82

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 216.938 $\pm$ 1.042 χ^2 /NDF: 3757.1/23

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 223.827 $\pm$ 1.058 χ^2 /NDF: 3444.7/22

Left: 220.328 $\pm$ 0.742 χ^2 /NDF: 7223.3/46

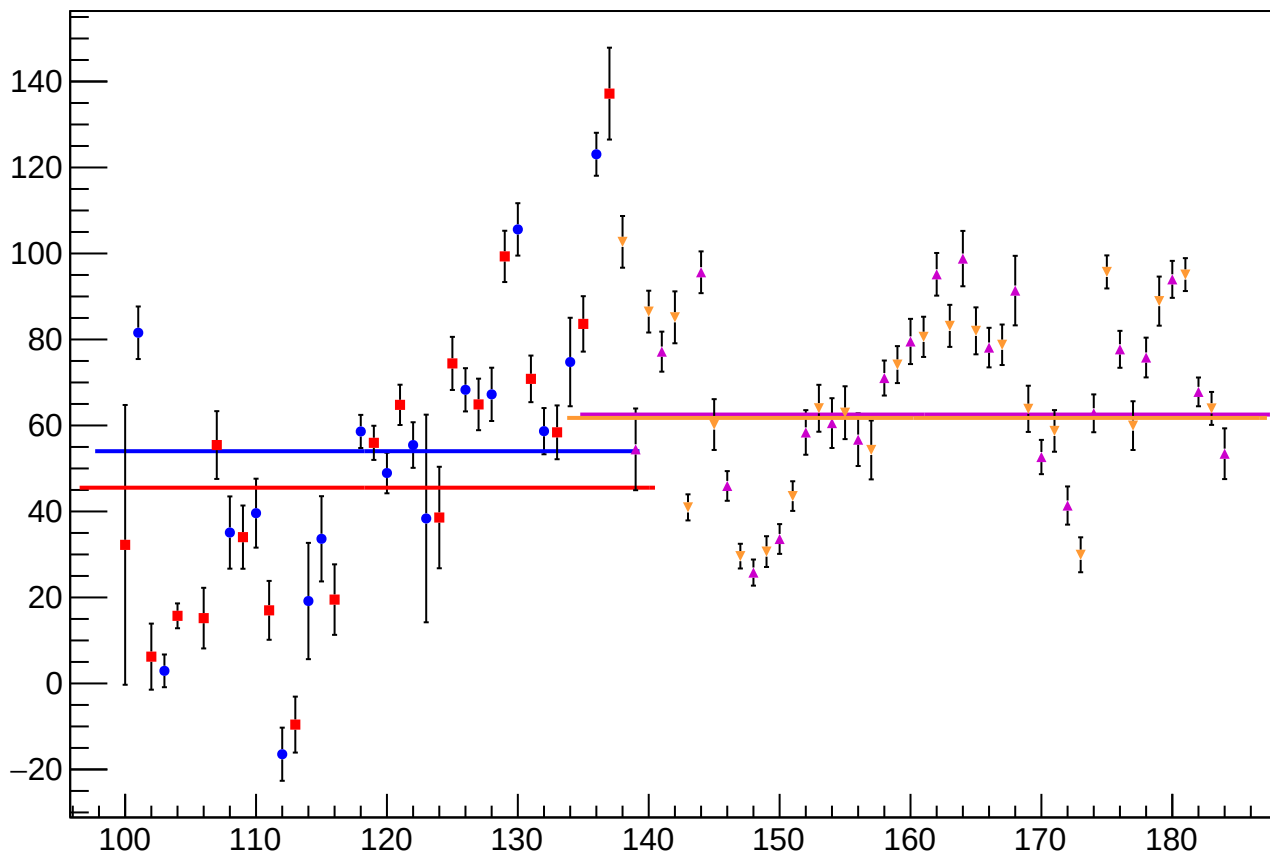
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 233.242 $\pm$ 0.953 χ^2 /NDF: 8967.3/39

Out: 224.790 $\pm$ 0.931 χ^2 /NDF: 10481.2/42

All: 228.917 $\pm$ 0.666 χ^2 /NDF: 19488.7/82

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 61.757 $\pm$ 0.904 χ^2 /NDF:673.7/23

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 62.538 $\pm$ 0.940 χ^2 /NDF:520.0/22

Left: 62.132 $\pm$ 0.652 χ^2 /NDF: 1194.0/46

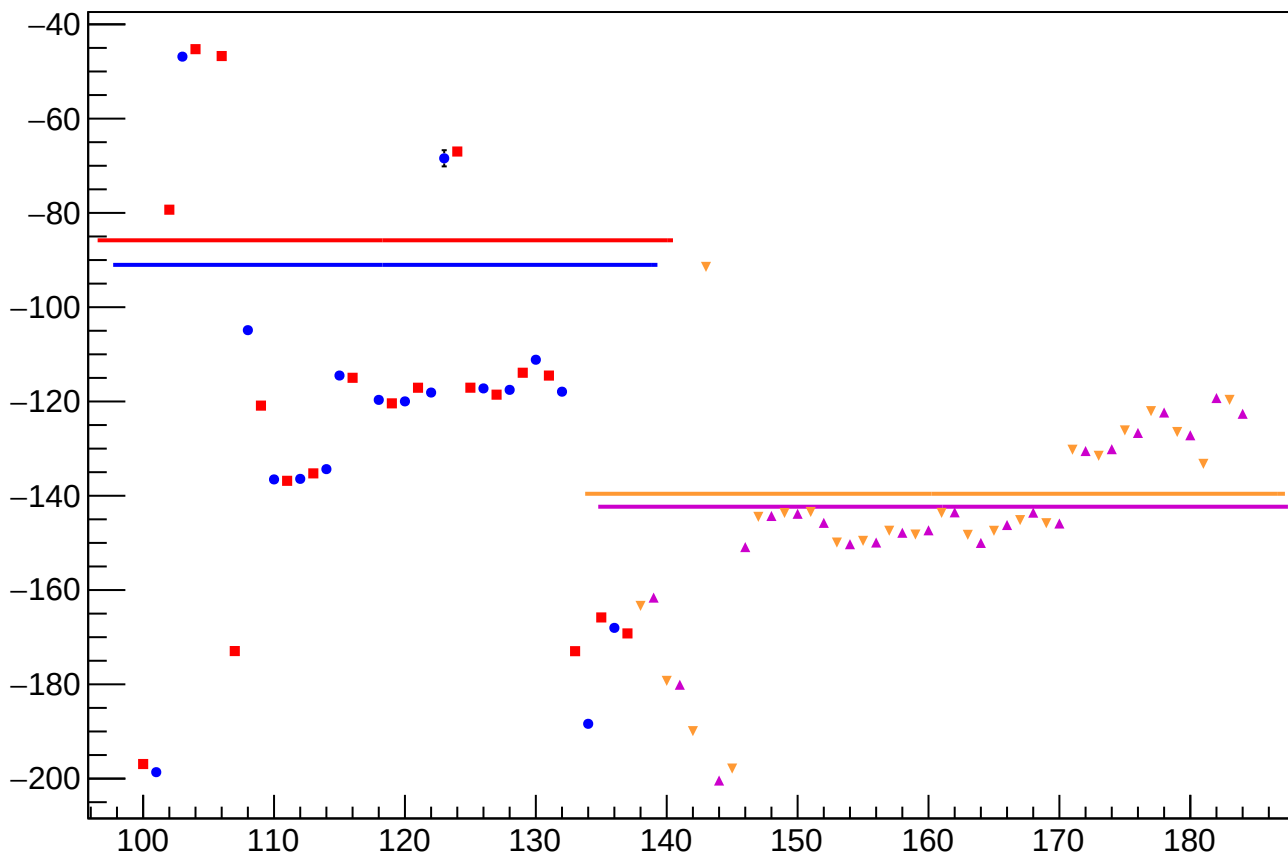
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 59.949 $\pm$ 0.784 χ^2 /NDF:1177.8/39

Out: 56.770 $\pm$ 0.752 χ^2 /NDF:1299.5/42

All: 58.293 $\pm$ 0.543 χ^2 /NDF: 2485.9/82

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -139.579 ± 0.043 $\chi^2/\text{NDF}: 252062.6/23$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -142.326 ± 0.044 $\chi^2/\text{NDF}: 144642.3/22$

Left: -140.936 ± 0.031 $\chi^2/\text{NDF}: 398684.4/46$

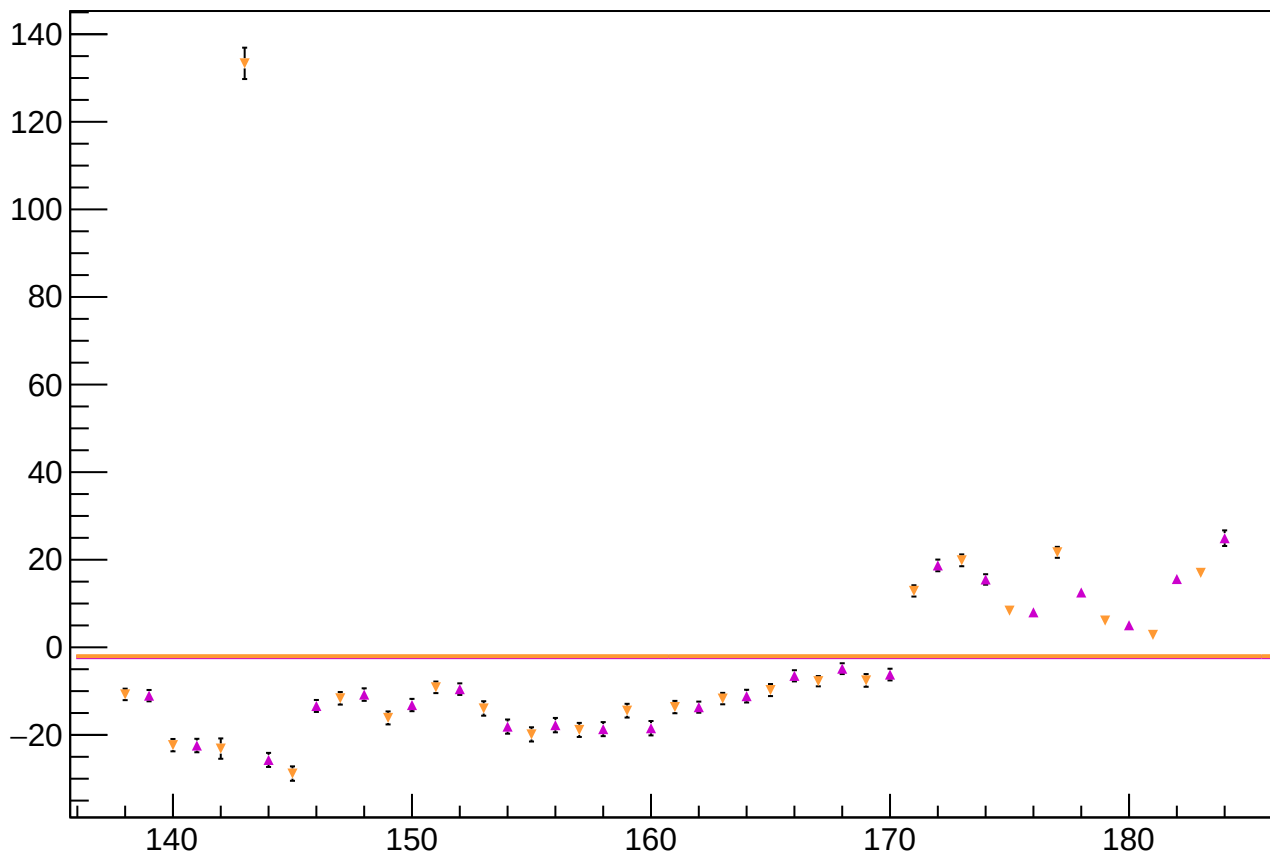
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -127.098 ± 0.037 $\chi^2/\text{NDF}: 1084155.6/39$

Out: -123.004 ± 0.036 $\chi^2/\text{NDF}: 1220970.4/42$

All: -125.011 ± 0.026 $\chi^2/\text{NDF}: 2311429.9/82$

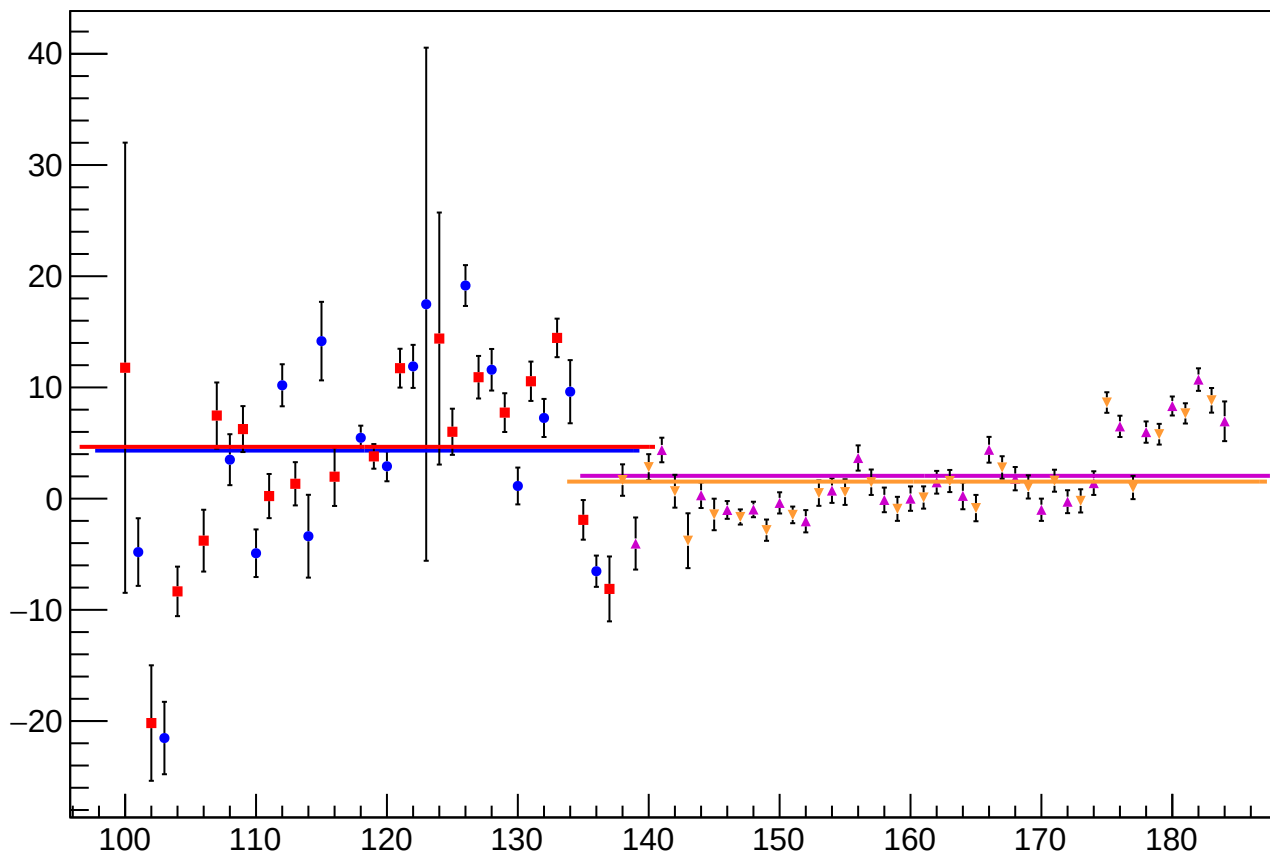
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.024+/-0.270 χ^2/NDF :4008.1/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.244+/-0.270 χ^2/NDF :2561.6/22

Left: -2.134+/-0.191 χ^2/NDF : 6570.1/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.244+/-0.270 χ^2/NDF :2561.6/22
 Out: -2.024+/-0.270 χ^2/NDF :4008.1/23
 All: -2.134+/-0.191 χ^2/NDF : 6570.1/46

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: 1.532 $\pm$ 0.212 χ^2/NDF :255.8/23

Right Out: 4.657 $\pm$ 0.474 χ^2/NDF : 184.5/18

Left In: 2.051 $\pm$ 0.215 χ^2/NDF :275.4/22

Left: 1.788 $\pm$ 0.151 χ^2/NDF : 534.1/46

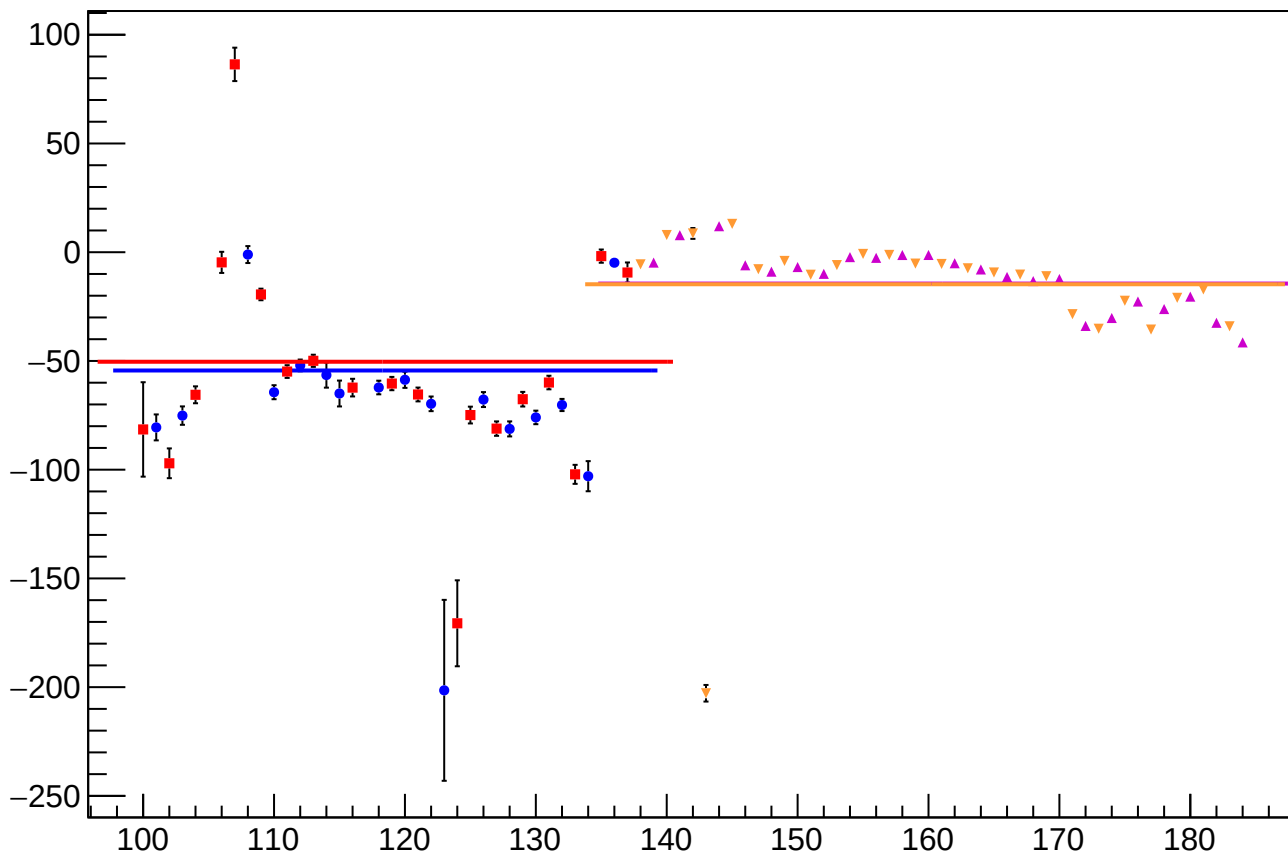
Right: 4.486 $\pm$ 0.332 χ^2/NDF : 465.1/35

In: 2.450 $\pm$ 0.195 χ^2/NDF :575.3/39

Out: 2.051 $\pm$ 0.193 χ^2/NDF :476.6/42

All: 2.249 $\pm$ 0.137 χ^2/NDF : 1054.0/82

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: -14.732 ± 0.269 $\chi^2/\text{NDF}: 4507.8/23$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -14.415 ± 0.268 $\chi^2/\text{NDF}: 2065.7/22$

Left: -14.573 ± 0.190 $\chi^2/\text{NDF}: 6574.3/46$

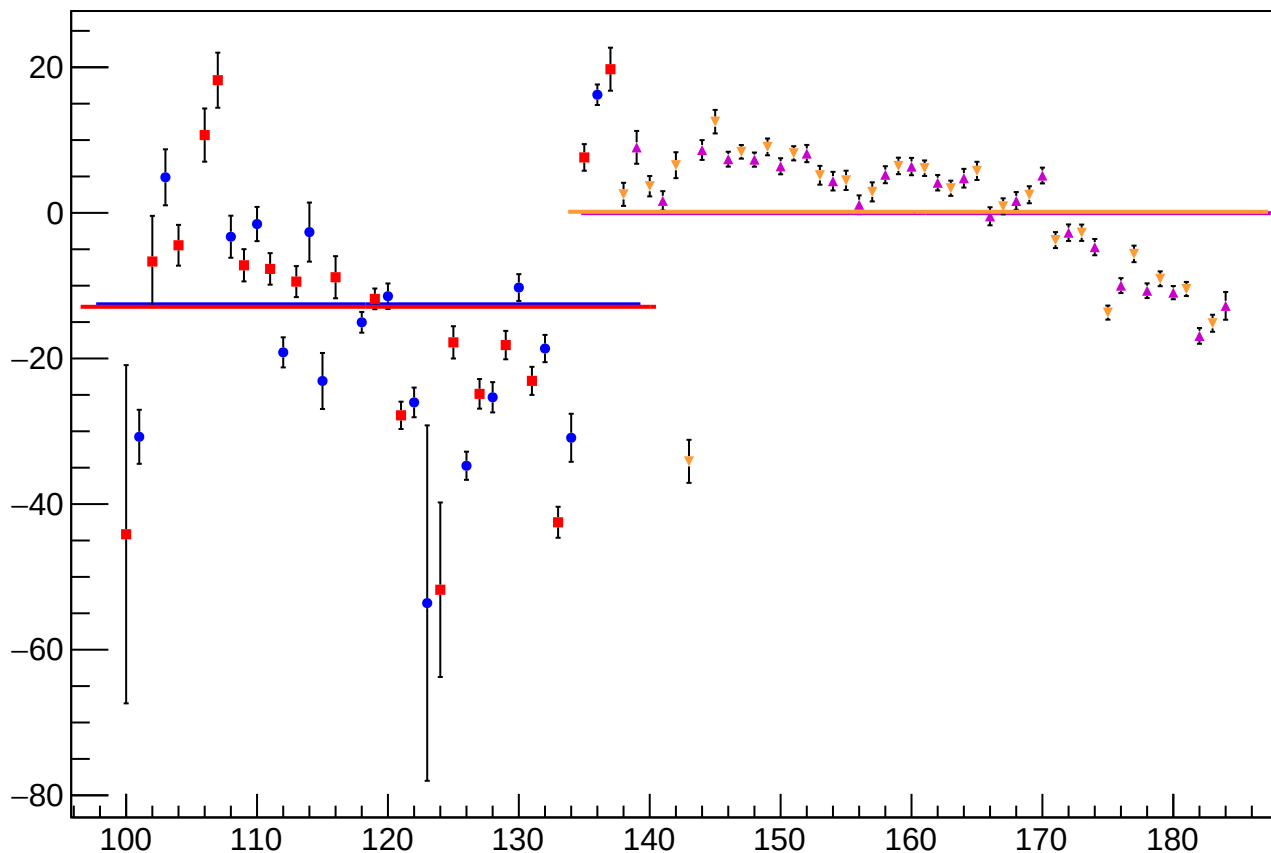
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -17.921 ± 0.256 $\chi^2/\text{NDF}: 5030.1/39$

Out: -17.914 ± 0.256 $\chi^2/\text{NDF}: 7401.2/42$

All: -17.918 ± 0.181 $\chi^2/\text{NDF}: 12431.3/82$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 0.152 ± 0.240 χ^2/NDF : 1167.6/23

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

Left: 0.059 ± 0.170 χ^2/NDF : 2195.5/46

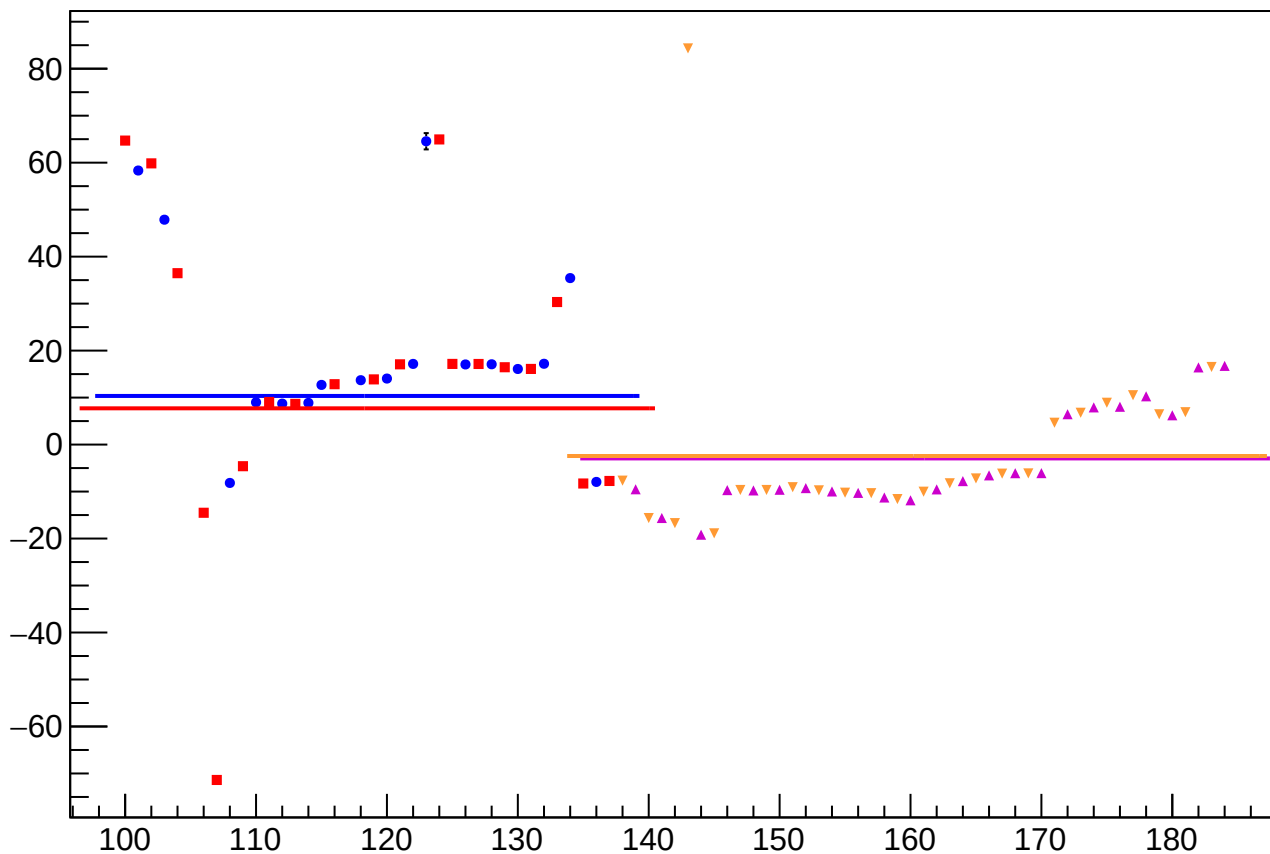
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -2.192 ± 0.221 χ^2/NDF : 2266.9/39

Out: -2.010 ± 0.219 χ^2/NDF : 2386.7/42

All: -2.100 ± 0.155 χ^2/NDF : 4654.0/82

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 ± 0.031 $\chi^2/\text{NDF}: 380878.9/16$

Left Out: -2.434 ± 0.011 $\chi^2/\text{NDF}: 1044875.5/23$

Right Out: 7.715 ± 0.031 $\chi^2/\text{NDF}: 545032.1/18$

Left In: -2.949 ± 0.011 $\chi^2/\text{NDF}: 770702.4/22$

Left: -2.693 ± 0.008 $\chi^2/\text{NDF}: 1816678.3/46$

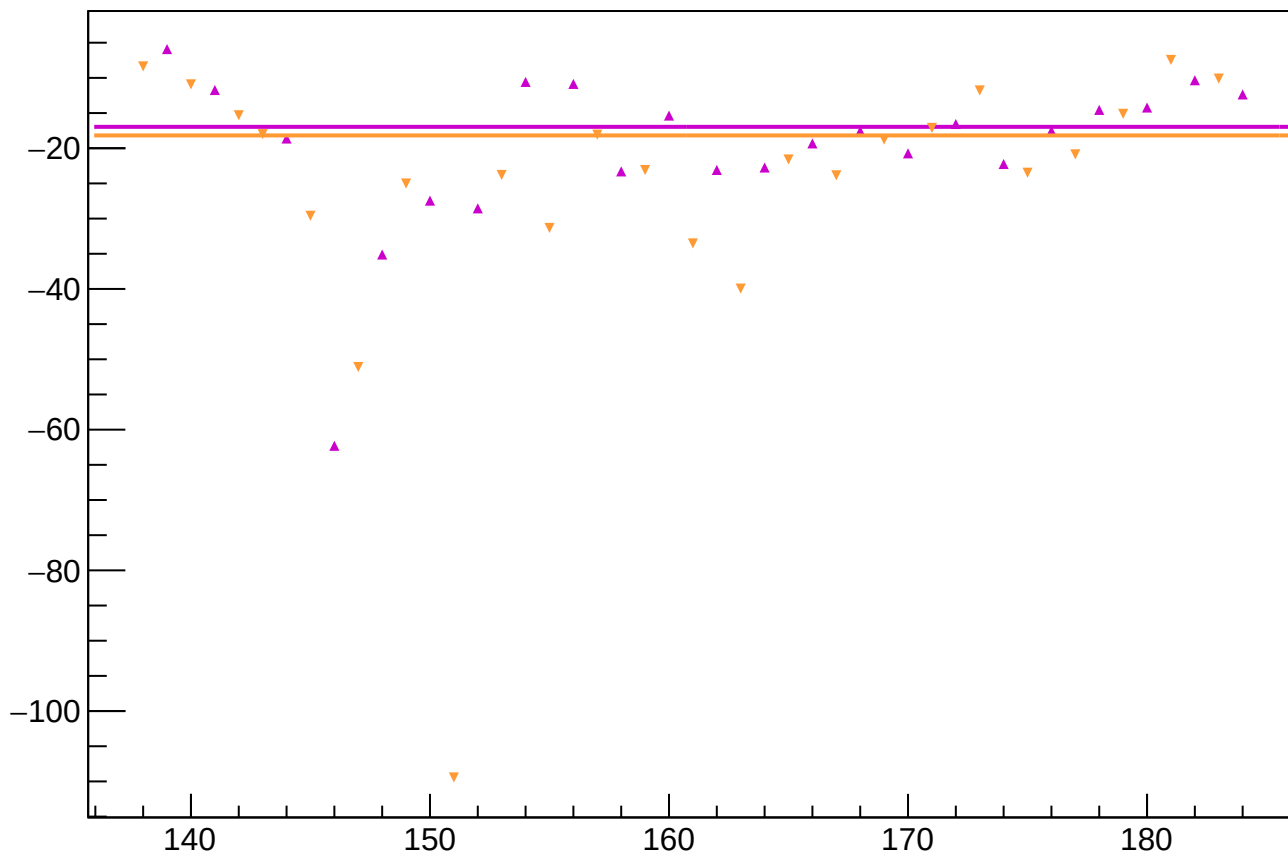
Right: 9.061 ± 0.022 $\chi^2/\text{NDF}: 929542.3/35$

In: -1.437 ± 0.010 $\chi^2/\text{NDF}: 1319212.0/39$

Out: -1.312 ± 0.010 $\chi^2/\text{NDF}: 1683638.8/42$

All: -1.375 ± 0.007 $\chi^2/\text{NDF}: 3002924.0/82$

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.180 $\pm$ 0.039 χ^2 /NDF:88474.5/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -16.958 $\pm$ 0.038 χ^2 /NDF:44759.9/22

Left: -17.546 $\pm$ 0.027 χ^2 /NDF: 133732.8/46

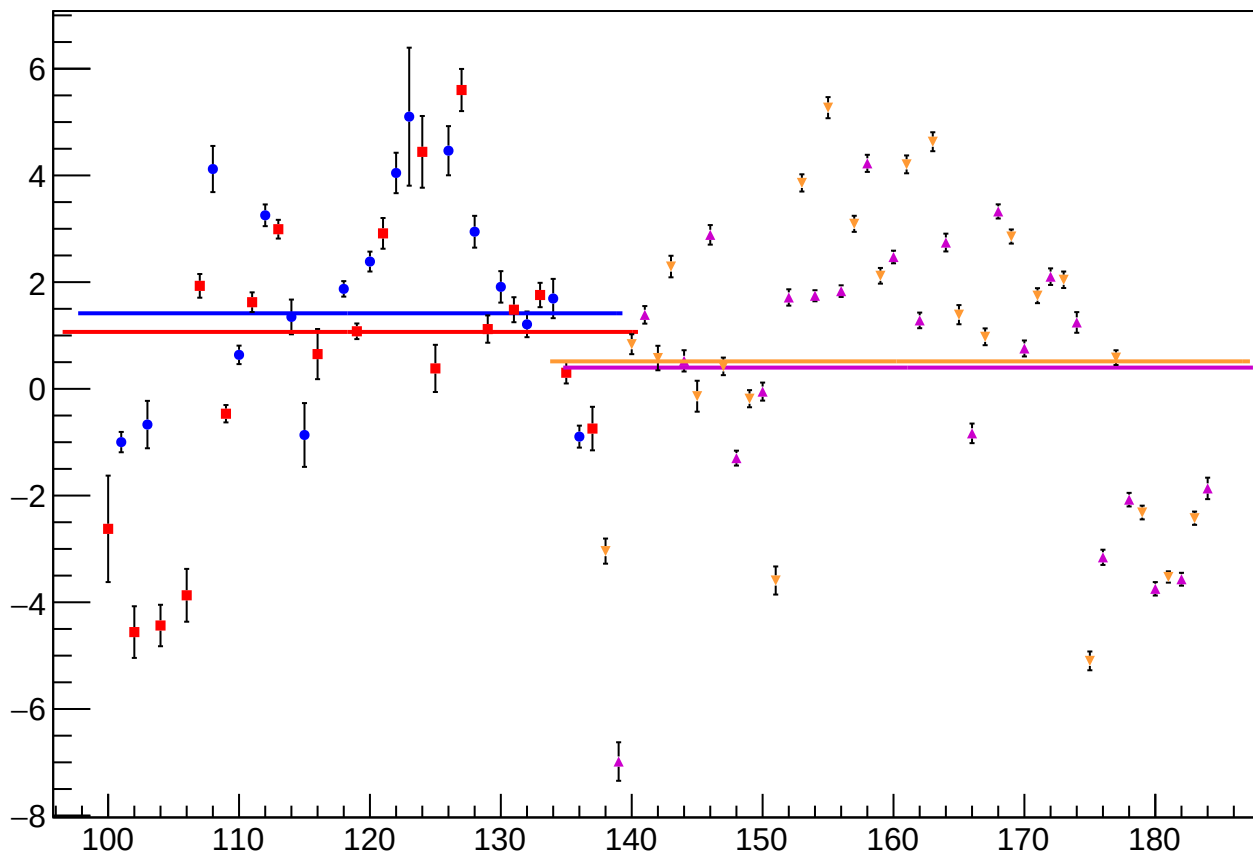
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -16.958 $\pm$ 0.038 χ^2 /NDF:44759.9/22

Out: -18.180 $\pm$ 0.039 χ^2 /NDF:88474.5/23

All: -17.546 $\pm$ 0.027 χ^2 /NDF: 133732.8/46

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 0.515 ± 0.033 χ^2/NDF : 7051.0/23

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

Left: 0.453 ± 0.022 χ^2/NDF : 13344.1/46

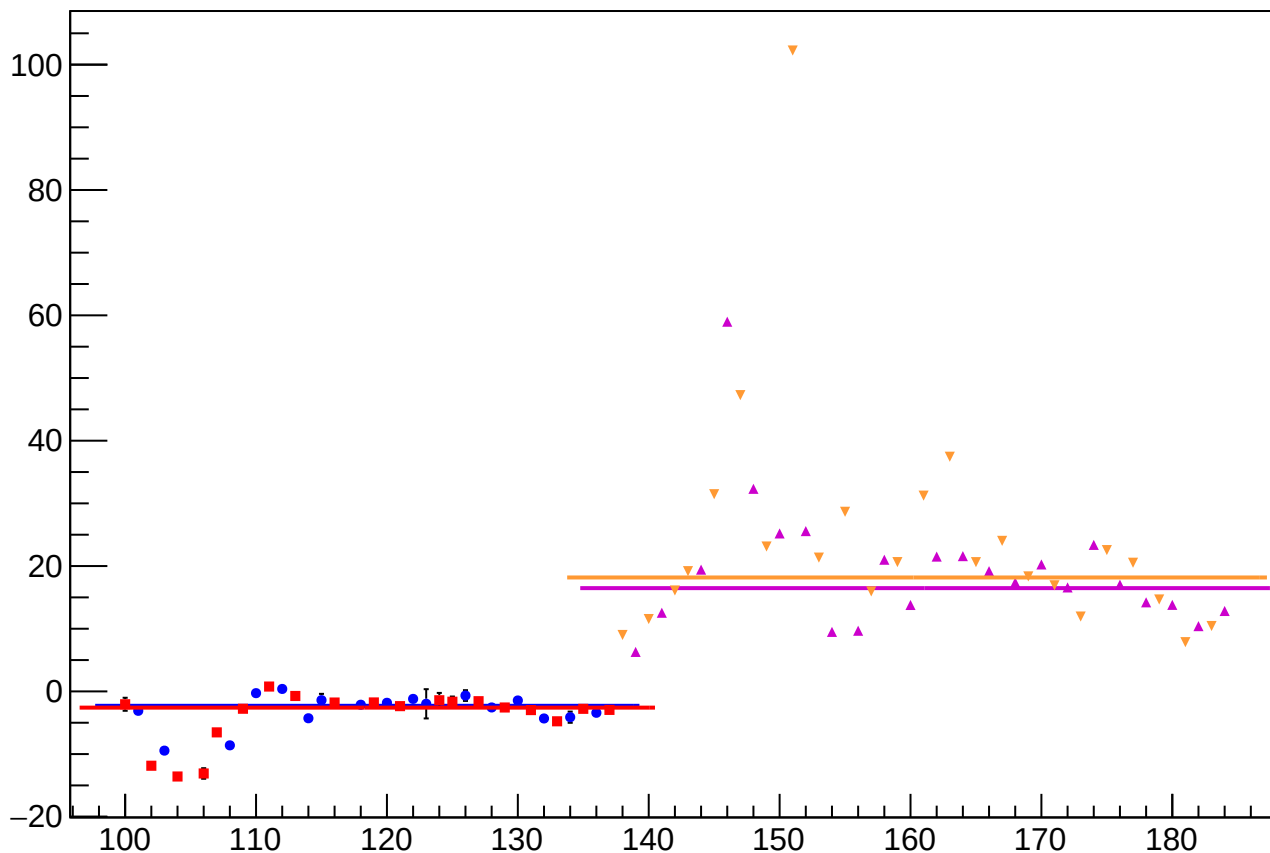
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 0.602 ± 0.027 χ^2/NDF : 7138.8/39

Out: 0.648 ± 0.029 χ^2/NDF : 8049.4/42

All: 0.624 ± 0.020 χ^2/NDF : 15189.6/82

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: 18.177 ± 0.040 χ^2/NDF : 77817.9/23

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 16.477 ± 0.038 χ^2/NDF : 41326.5/22

Left: 17.284 ± 0.027 χ^2/NDF : 120114.7/46

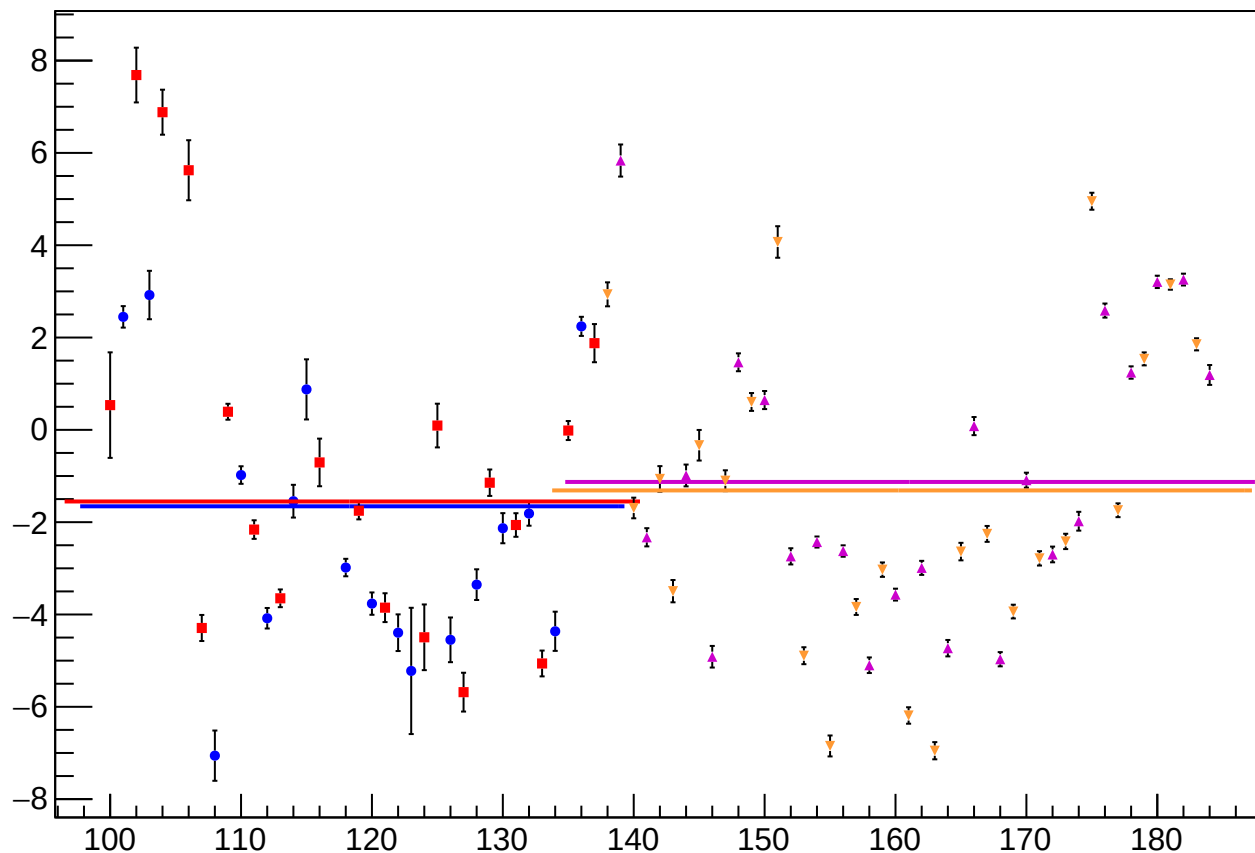
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 14.537 ± 0.036 χ^2/NDF : 67498.2/39

Out: 15.310 ± 0.037 χ^2/NDF : 116769.7/42

All: 14.912 ± 0.026 χ^2/NDF : 184496.5/82

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -1.312 ± 0.036 $\chi^2/\text{NDF}: 7921.4/23$

Right Out: -1.551 ± 0.066 $\chi^2/\text{NDF}: 1488.1/18$

Left In: -1.129 ± 0.034 $\chi^2/\text{NDF}: 6778.7/22$

Left: -1.214 ± 0.025 $\chi^2/\text{NDF}: 14713.7/46$

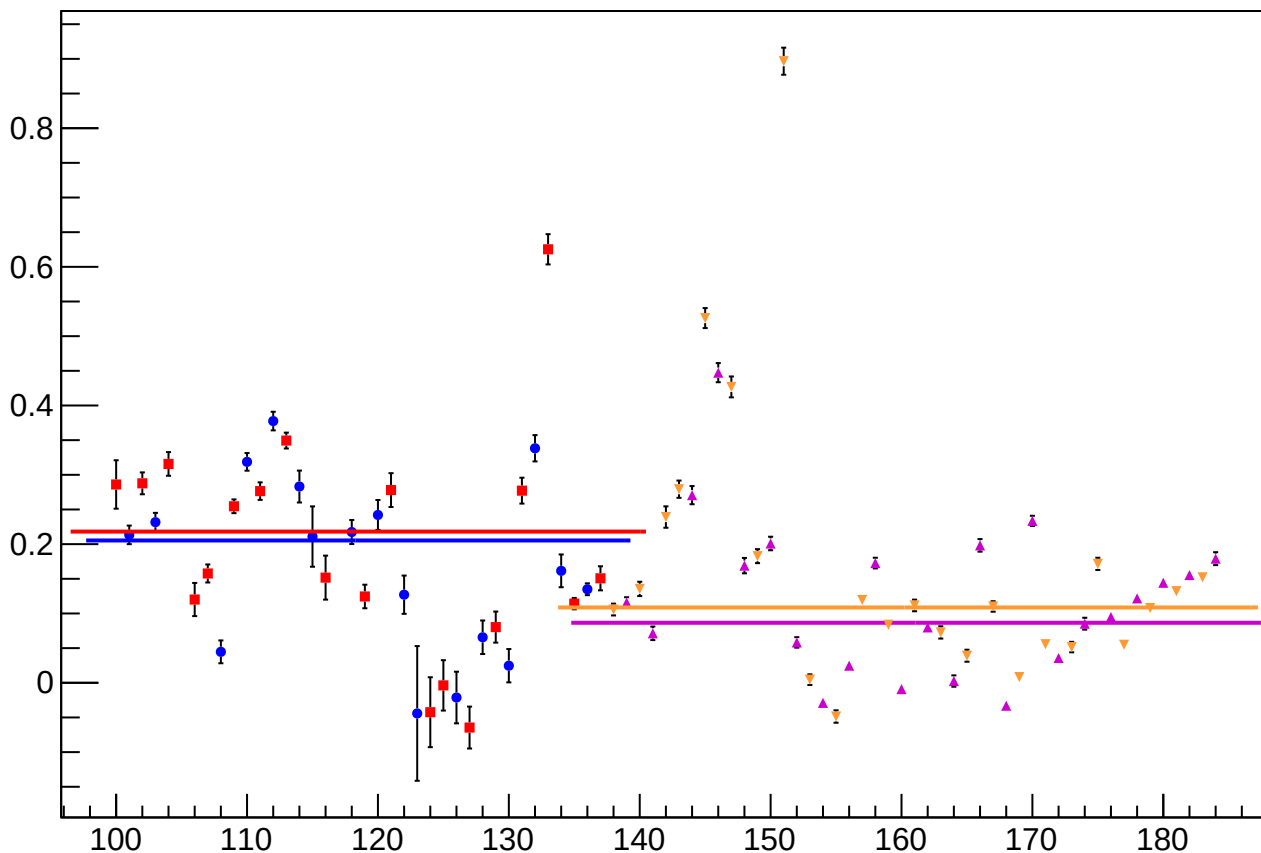
Right: -1.600 ± 0.048 $\chi^2/\text{NDF}: 2760.4/35$

In: -1.229 ± 0.031 $\chi^2/\text{NDF}: 8095.3/39$

Out: -1.368 ± 0.032 $\chi^2/\text{NDF}: 9419.7/42$

All: -1.296 ± 0.022 $\chi^2/\text{NDF}: 17525.0/82$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.109 $\pm$ 0.002 χ^2 /NDF:4357.9/23

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.087 $\pm$ 0.001 χ^2 /NDF:3661.4/22

Left: 0.097 $\pm$ 0.001 χ^2 /NDF: 8119.1/46

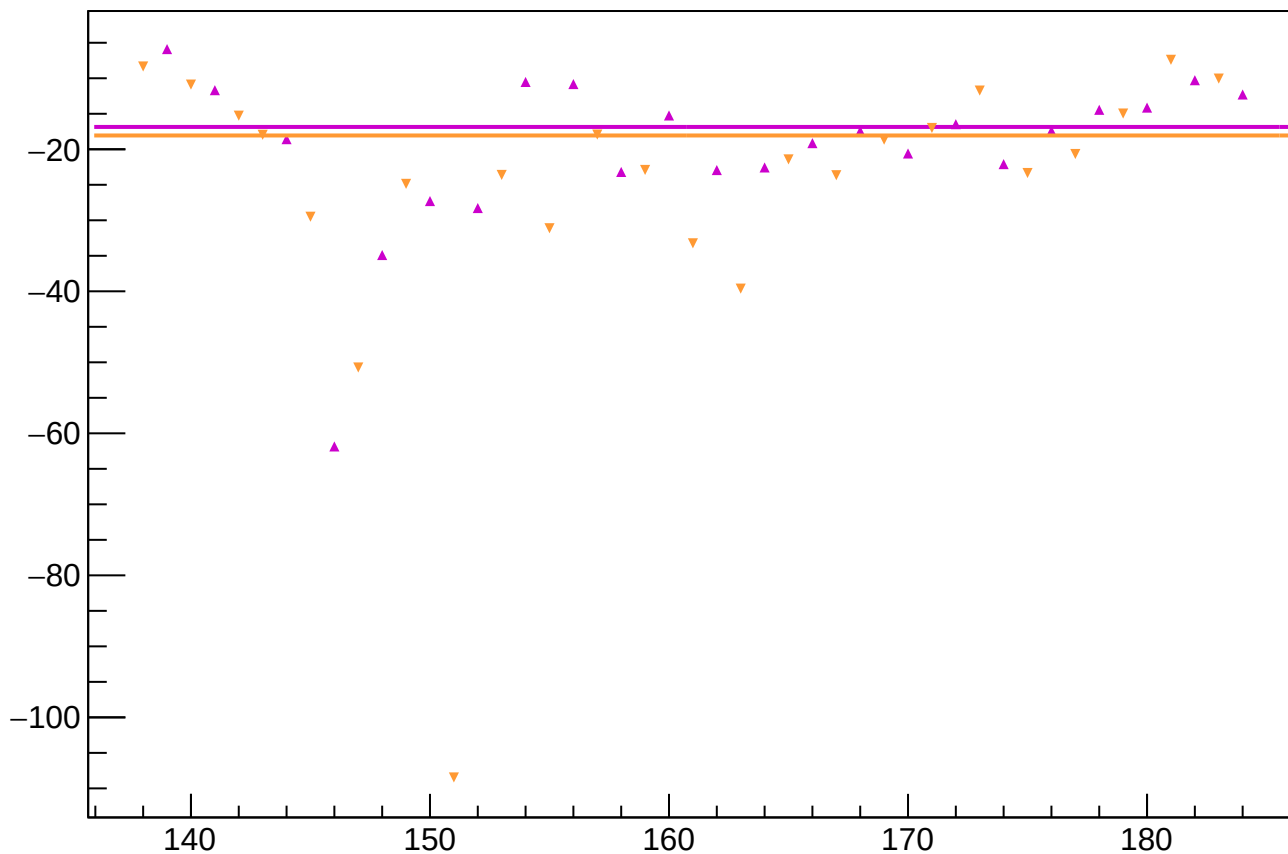
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.100 $\pm$ 0.001 χ^2 /NDF:5009.7/39

Out: 0.127 $\pm$ 0.001 χ^2 /NDF:6117.9/42

All: 0.113 $\pm$ 0.001 χ^2 /NDF: 11291.3/82

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: -18.056+/-0.039 χ^2/NDF :88314.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.854+/-0.038 χ^2/NDF :44680.7/22

Left: -17.433+/-0.027 χ^2/NDF : 133483.9/46

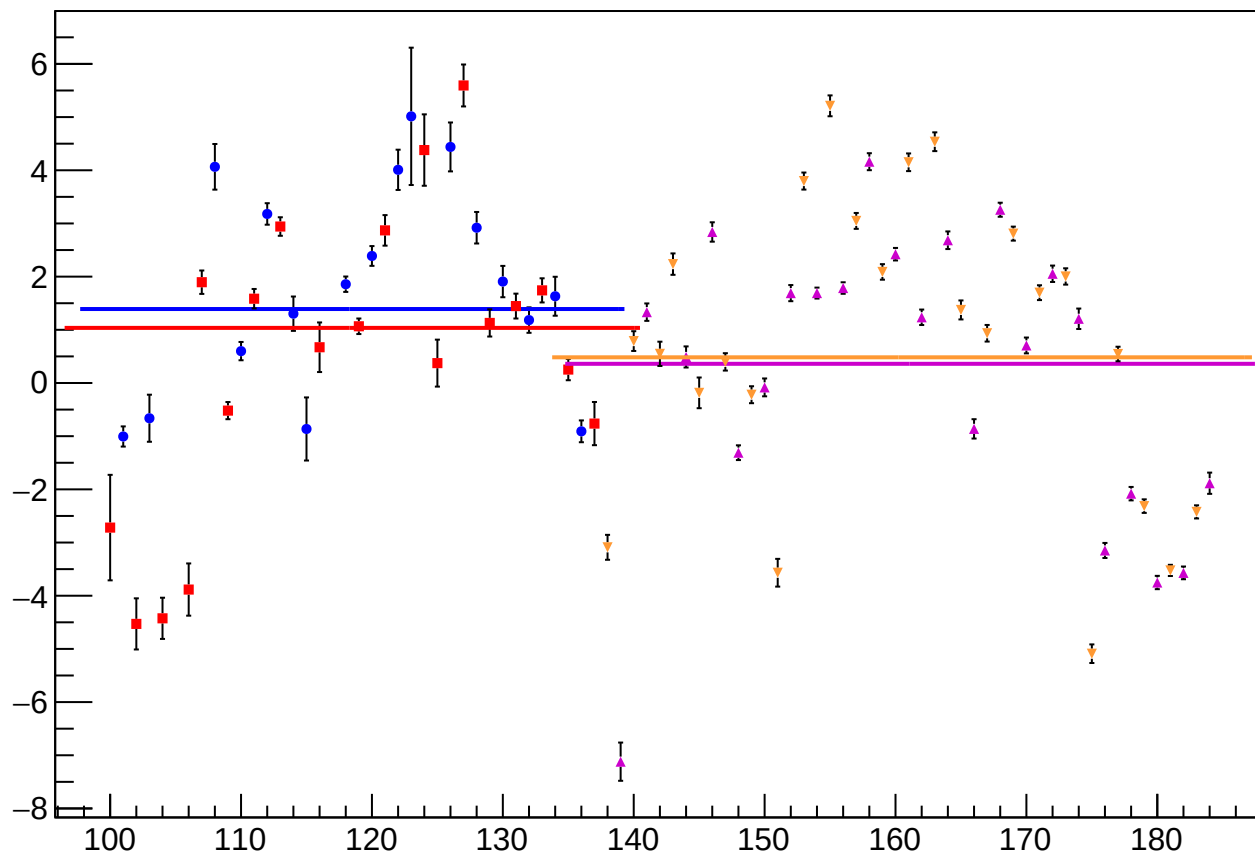
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.854+/-0.038 χ^2/NDF :44680.7/22

Out: -18.056+/-0.039 χ^2/NDF :88314.0/23

All: -17.433+/-0.027 χ^2/NDF : 133483.9/46

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 $\chi^2/\text{NDF}: 629.2/16$

Left Out: 0.483 ± 0.032 $\chi^2/\text{NDF}: 7034.5/23$

Right Out: 1.036 ± 0.058 $\chi^2/\text{NDF}: 934.2/18$

Left In: 0.361 ± 0.030 $\chi^2/\text{NDF}: 6273.5/22$

Left: 0.418 ± 0.022 $\chi^2/\text{NDF}: 13315.5/46$

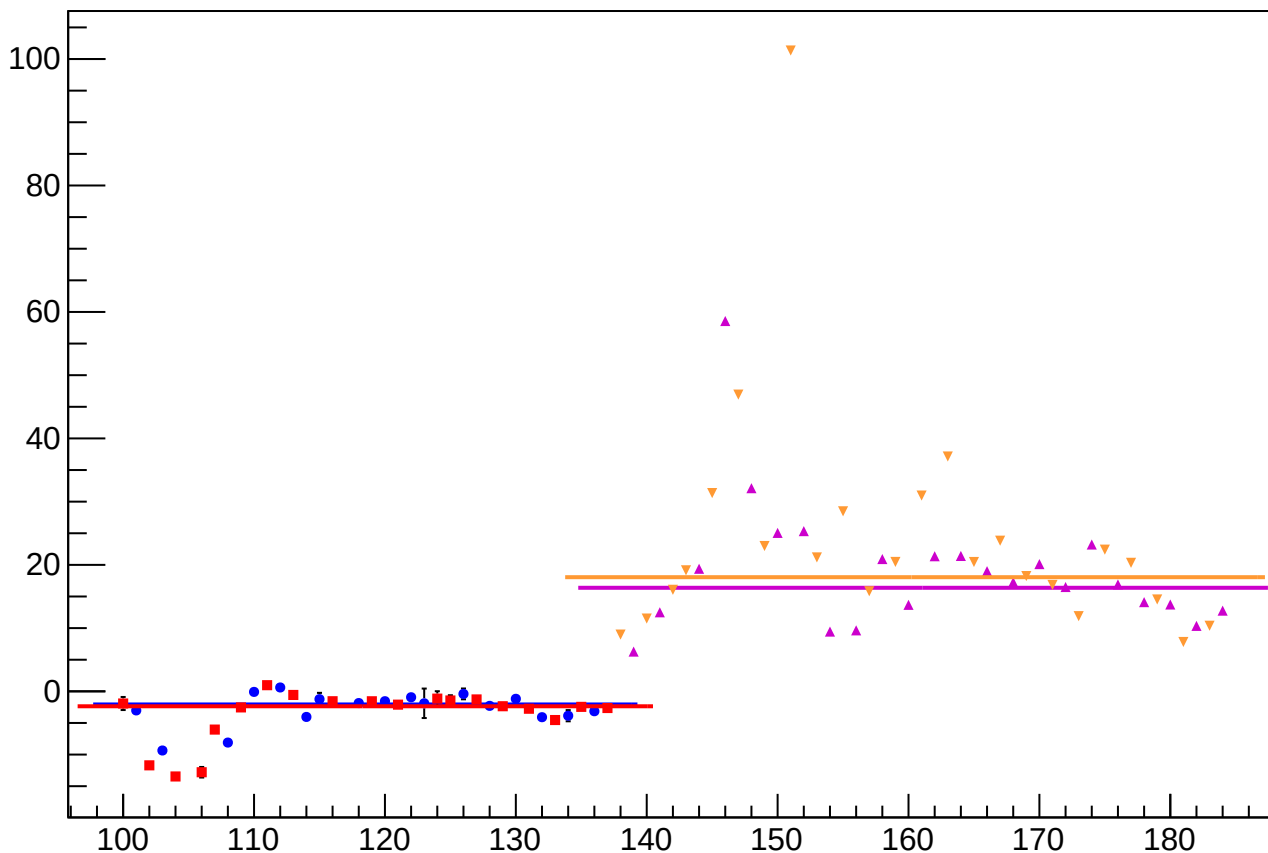
Right: 1.204 ± 0.042 $\chi^2/\text{NDF}: 1581.2/35$

In: 0.567 ± 0.027 $\chi^2/\text{NDF}: 7131.5/39$

Out: 0.616 ± 0.028 $\chi^2/\text{NDF}: 8038.3/42$

All: 0.590 ± 0.020 $\chi^2/\text{NDF}: 15171.4/82$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 18.053 ± 0.039 χ^2/NDF : 77688.4/23

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 16.377 ± 0.037 χ^2/NDF : 41253.5/22

Left: 17.174 ± 0.027 χ^2/NDF : 119897.4/46

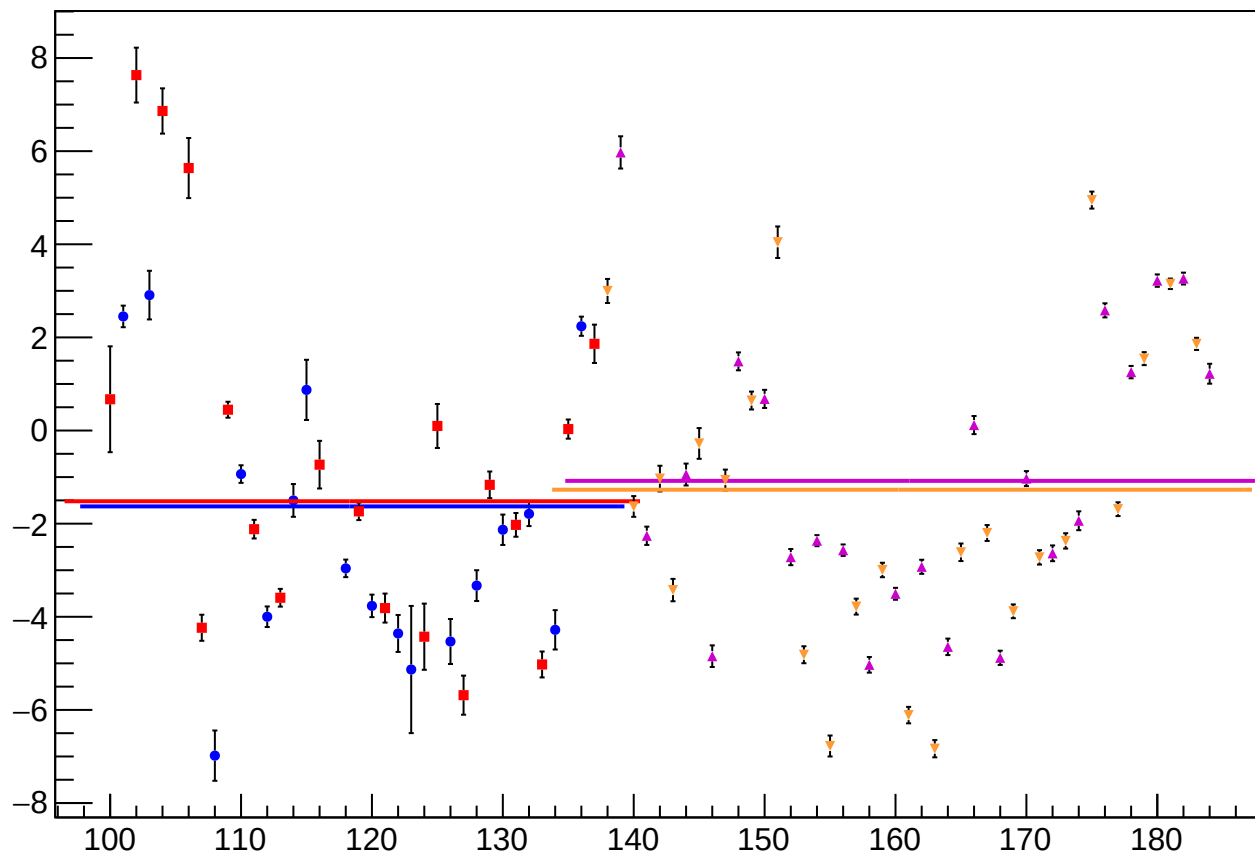
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 14.476 ± 0.035 χ^2/NDF : 66806.6/39

Out: 15.243 ± 0.036 χ^2/NDF : 115780.9/42

All: 14.848 ± 0.025 χ^2/NDF : 182815.3/82

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -1.271 ± 0.036 $\chi^2/\text{NDF}: 7902.0/23$

Right Out: -1.519 ± 0.065 $\chi^2/\text{NDF}: 1491.9/18$

Left In: -1.081 ± 0.034 $\chi^2/\text{NDF}: 6764.0/22$

Left: -1.170 ± 0.025 $\chi^2/\text{NDF}: 14680.8/46$

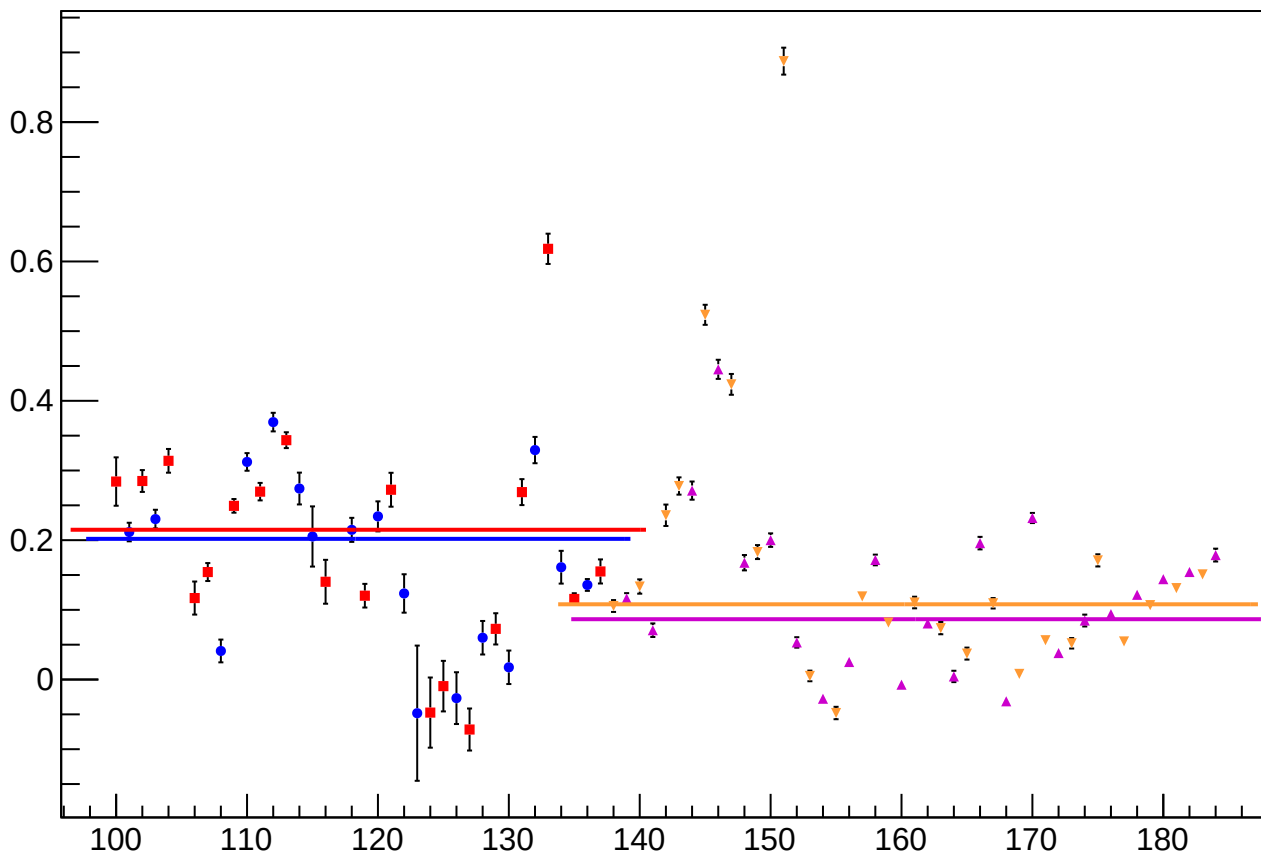
Right: -1.570 ± 0.048 $\chi^2/\text{NDF}: 2759.6/35$

In: -1.184 ± 0.030 $\chi^2/\text{NDF}: 8080.0/39$

Out: -1.329 ± 0.032 $\chi^2/\text{NDF}: 9405.0/42$

All: -1.254 ± 0.022 $\chi^2/\text{NDF}: 17495.8/82$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.108 ± 0.002 χ^2/NDF : 4348.9/23

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.087 ± 0.001 χ^2/NDF : 3631.4/22

Left: 0.096 ± 0.001 χ^2/NDF : 8075.4/46

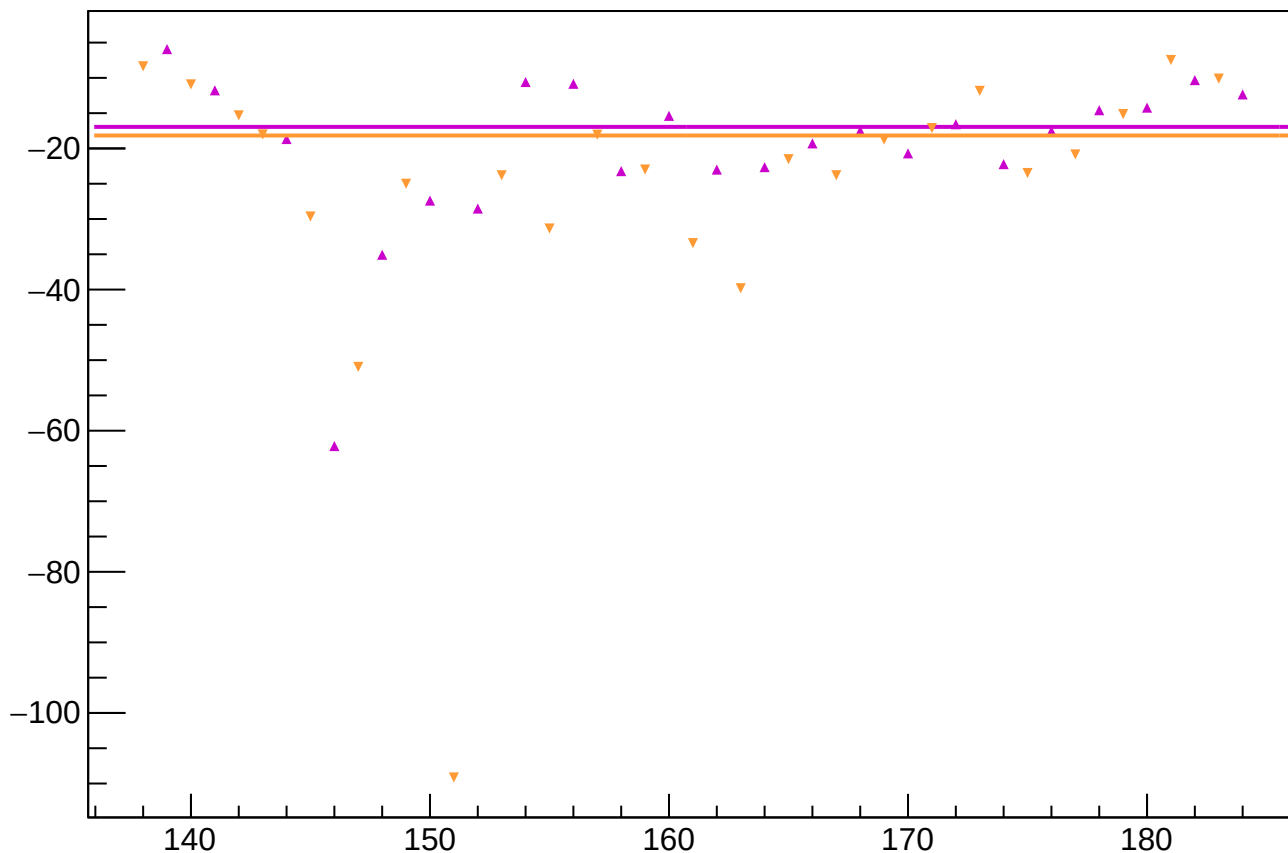
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.100 ± 0.001 χ^2/NDF : 4929.7/39

Out: 0.125 ± 0.001 χ^2/NDF : 6065.6/42

All: 0.112 ± 0.001 χ^2/NDF : 11152.3/82

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.166 $\pm$ 0.039 χ^2 /NDF:88447.8/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -16.945 $\pm$ 0.038 χ^2 /NDF:44756.2/22

Left: -17.533 $\pm$ 0.027 χ^2 /NDF: 133704.8/46

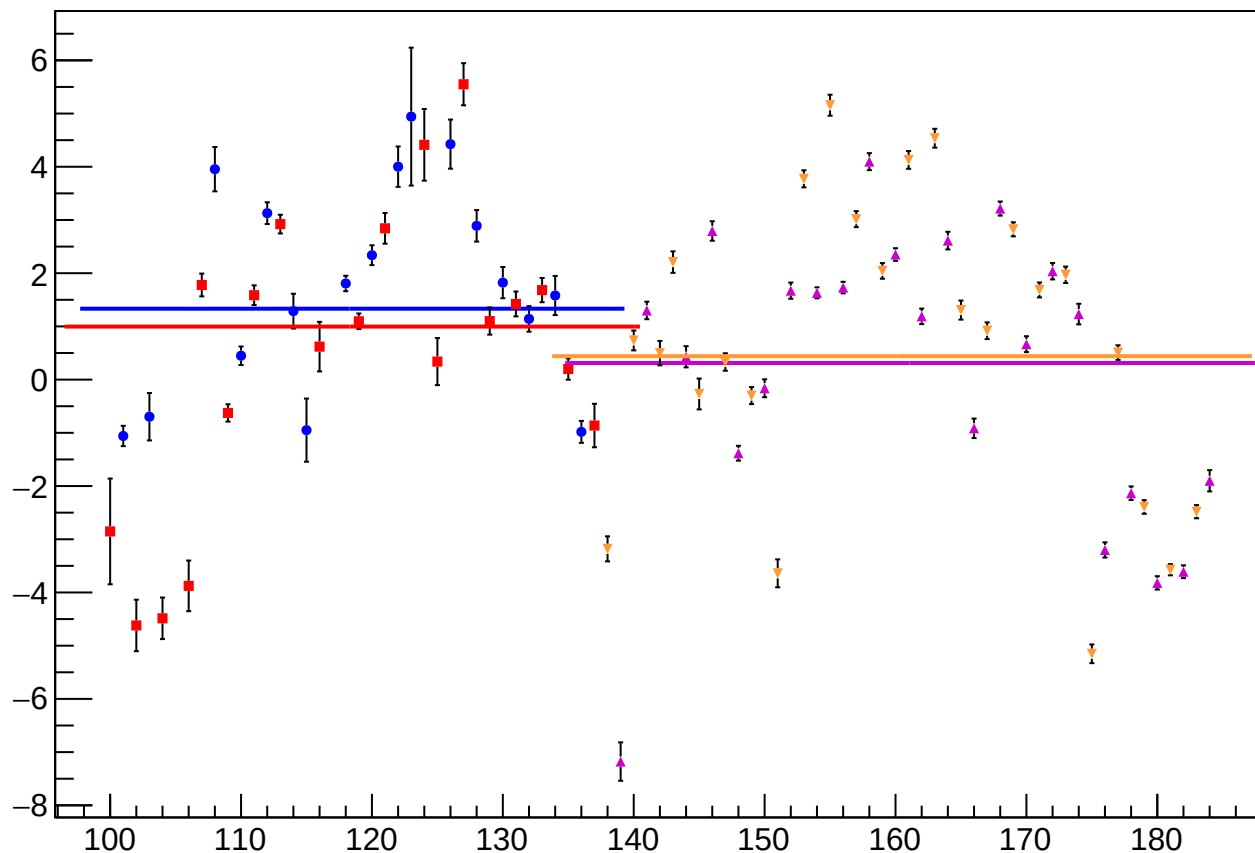
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -16.945 $\pm$ 0.038 χ^2 /NDF:44756.2/22

Out: -18.166 $\pm$ 0.039 χ^2 /NDF:88447.8/23

All: -17.533 $\pm$ 0.027 χ^2 /NDF: 133704.8/46

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.441 ± 0.033 χ^2/NDF : 7058.1/23

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.313 ± 0.031 χ^2/NDF : 6235.0/22

Left: 0.372 ± 0.022 χ^2/NDF : 13301.4/46

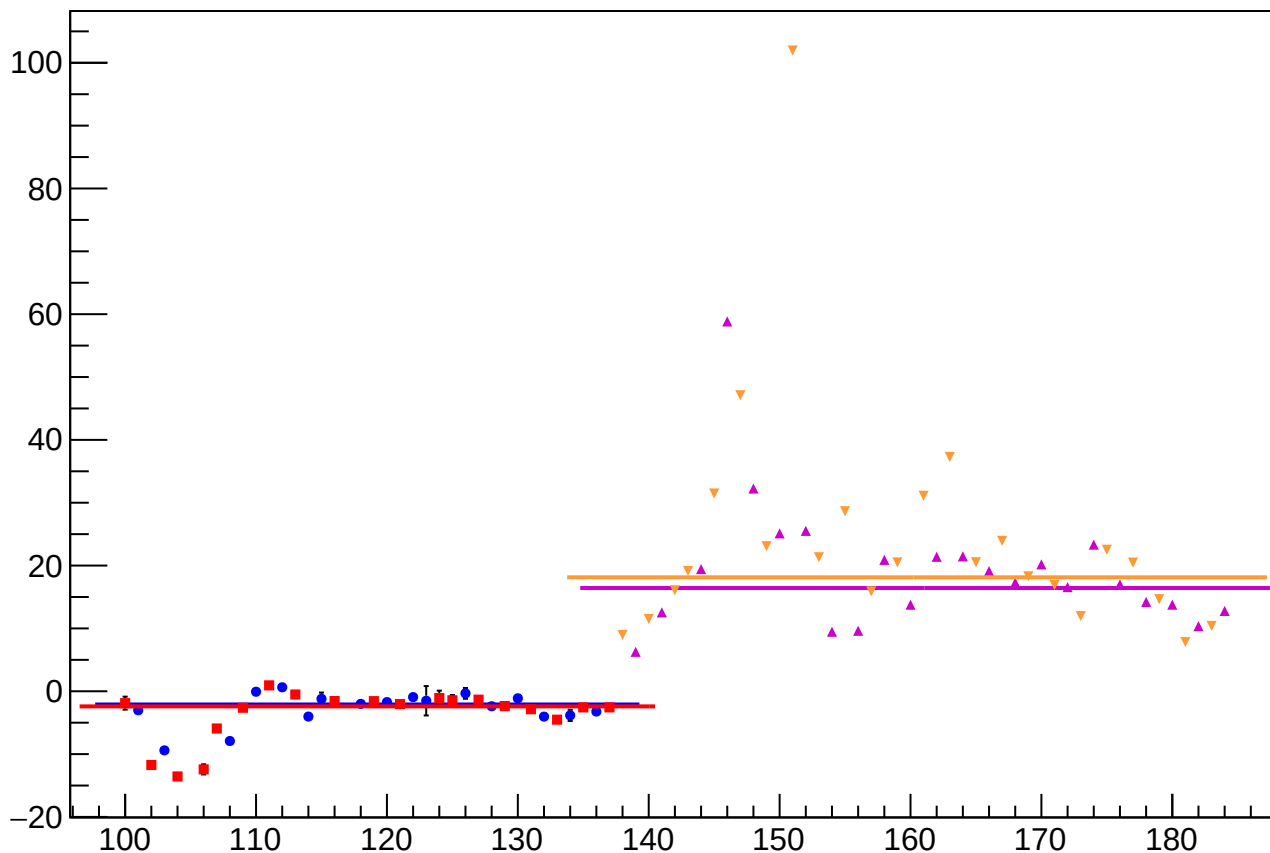
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 0.516 ± 0.027 χ^2/NDF : 7092.1/39

Out: 0.575 ± 0.028 χ^2/NDF : 8073.3/42

All: 0.544 ± 0.020 χ^2/NDF : 15167.6/82

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: 18.129 ± 0.039 χ^2/NDF : 77806.9/23

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 16.431 ± 0.038 χ^2/NDF : 41337.1/22

Left: 17.238 ± 0.027 χ^2/NDF : 120117.0/46

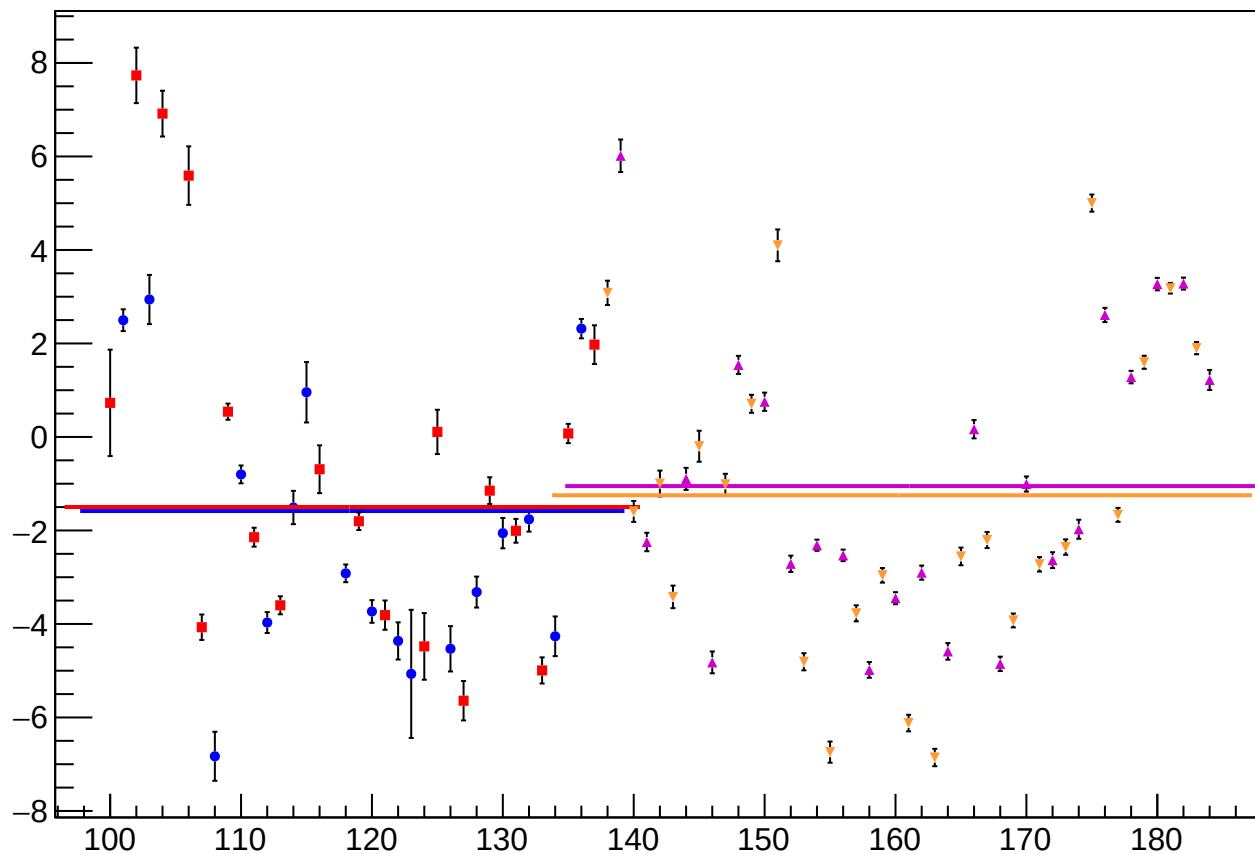
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 14.527 ± 0.036 χ^2/NDF : 66852.0/39

Out: 15.306 ± 0.037 χ^2/NDF : 115967.8/42

All: 14.905 ± 0.026 χ^2/NDF : 183052.9/82

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: -1.247 ± 0.036 χ^2/NDF : 7929.4/23

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -1.050 ± 0.034 χ^2/NDF : 6713.0/22

Left: -1.142 ± 0.025 χ^2/NDF : 14658.1/46

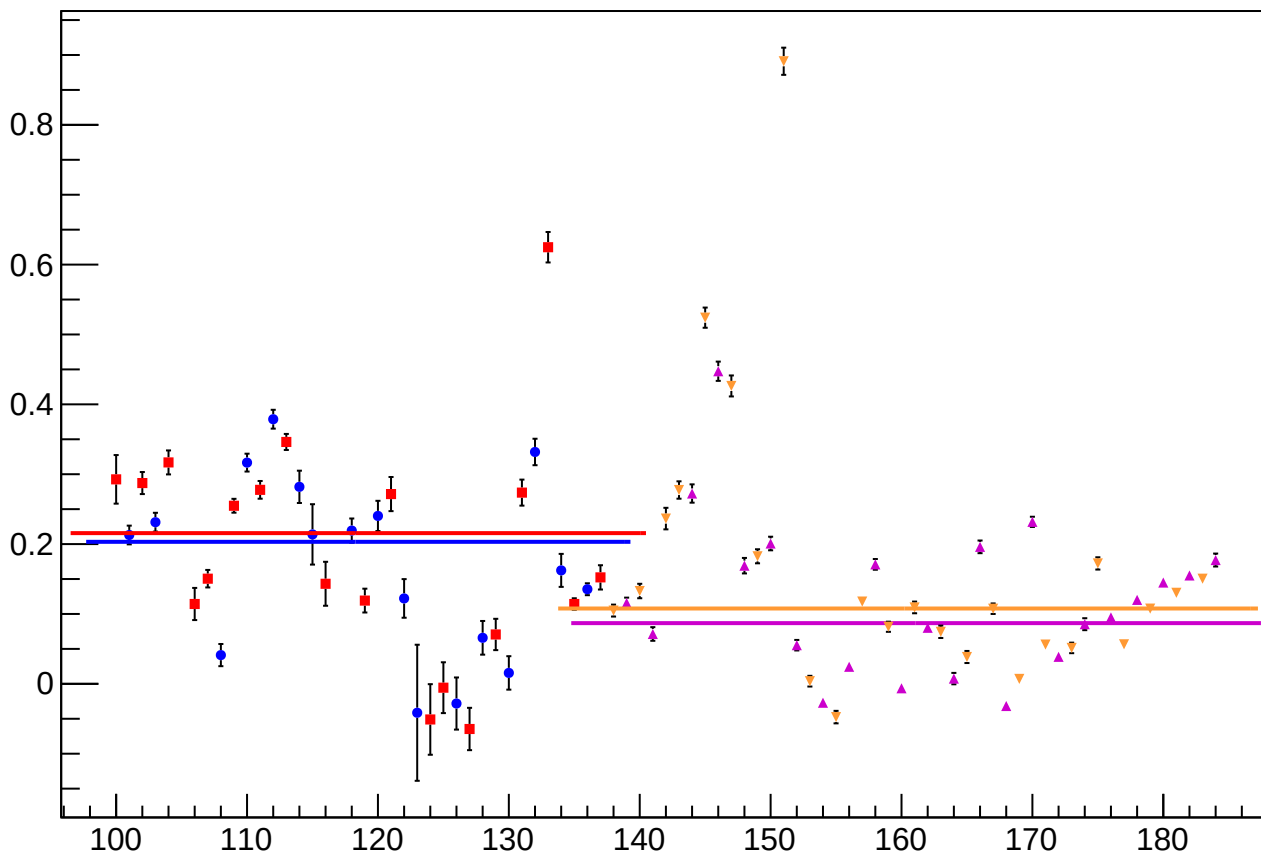
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.151 ± 0.031 χ^2/NDF : 8031.7/39

Out: -1.306 ± 0.032 χ^2/NDF : 9444.3/42

All: -1.226 ± 0.022 χ^2/NDF : 17488.4/82

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.108 $\pm$ 0.002 χ^2 /NDF:4330.9/23

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.087 $\pm$ 0.001 χ^2 /NDF:3604.3/22

Left: 0.096 $\pm$ 0.001 χ^2 /NDF: 8025.3/46

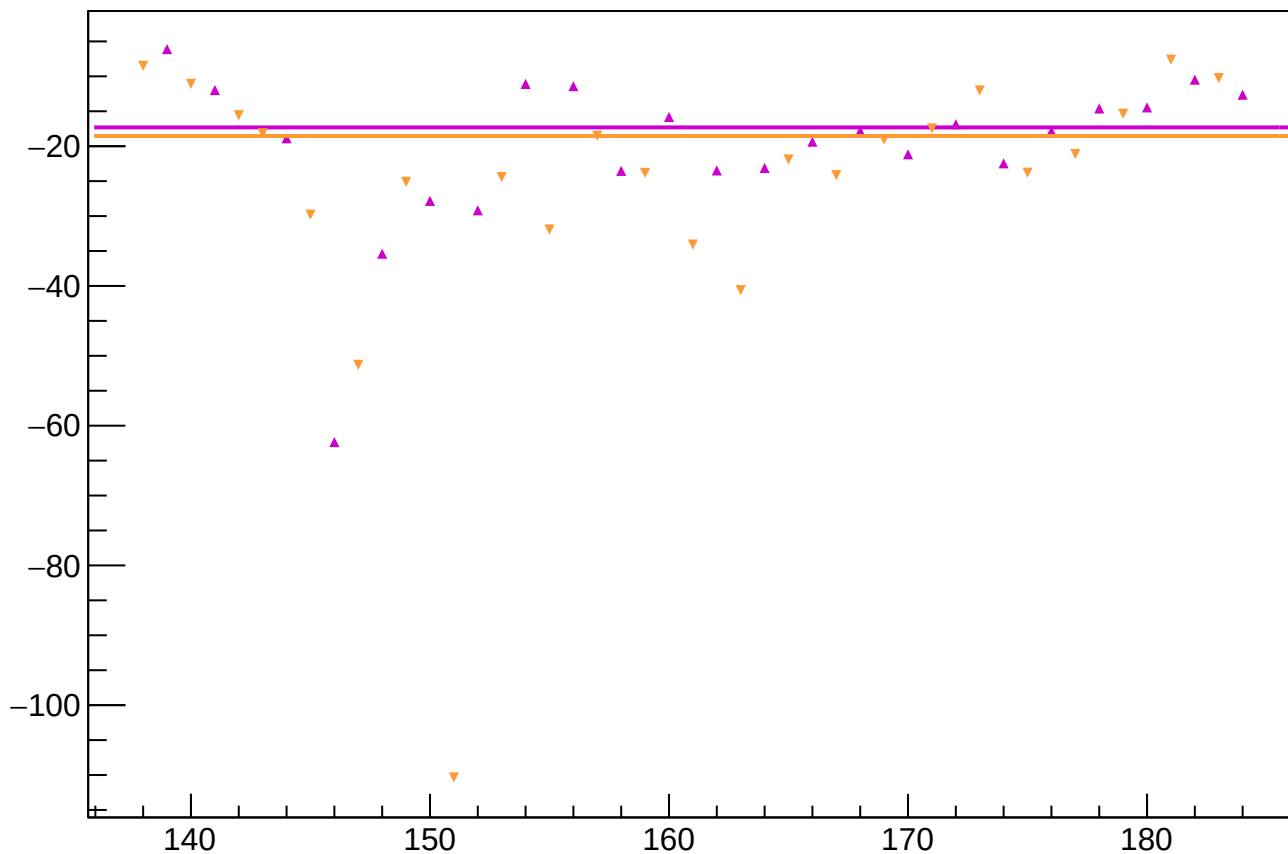
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.100 $\pm$ 0.001 χ^2 /NDF:4938.4/39

Out: 0.125 $\pm$ 0.001 χ^2 /NDF:6088.9/42

All: 0.112 $\pm$ 0.001 χ^2 /NDF: 11178.4/82

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.539+/-0.040 χ^2/NDF :87786.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.309+/-0.039 χ^2/NDF :43807.0/22

Left: -17.902+/-0.028 χ^2/NDF : 132078.3/46

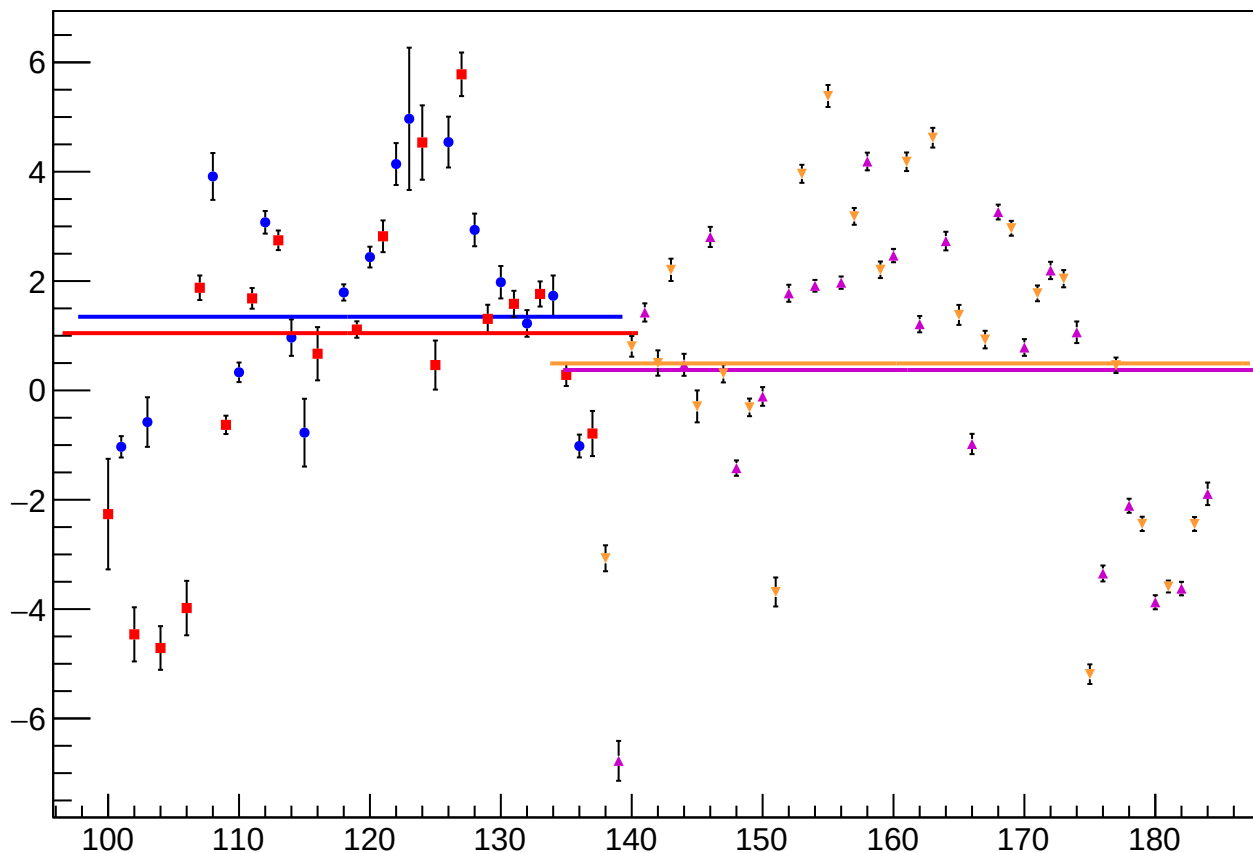
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.309+/-0.039 χ^2/NDF :43807.0/22

Out: -18.539+/-0.040 χ^2/NDF :87786.8/23

All: -17.902+/-0.028 χ^2/NDF : 132078.3/46

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 0.494 ± 0.033 χ^2/NDF : 7022.3/23

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 0.373 ± 0.031 χ^2/NDF : 6263.9/22

Left: 0.430 ± 0.023 χ^2/NDF : 13293.1/46

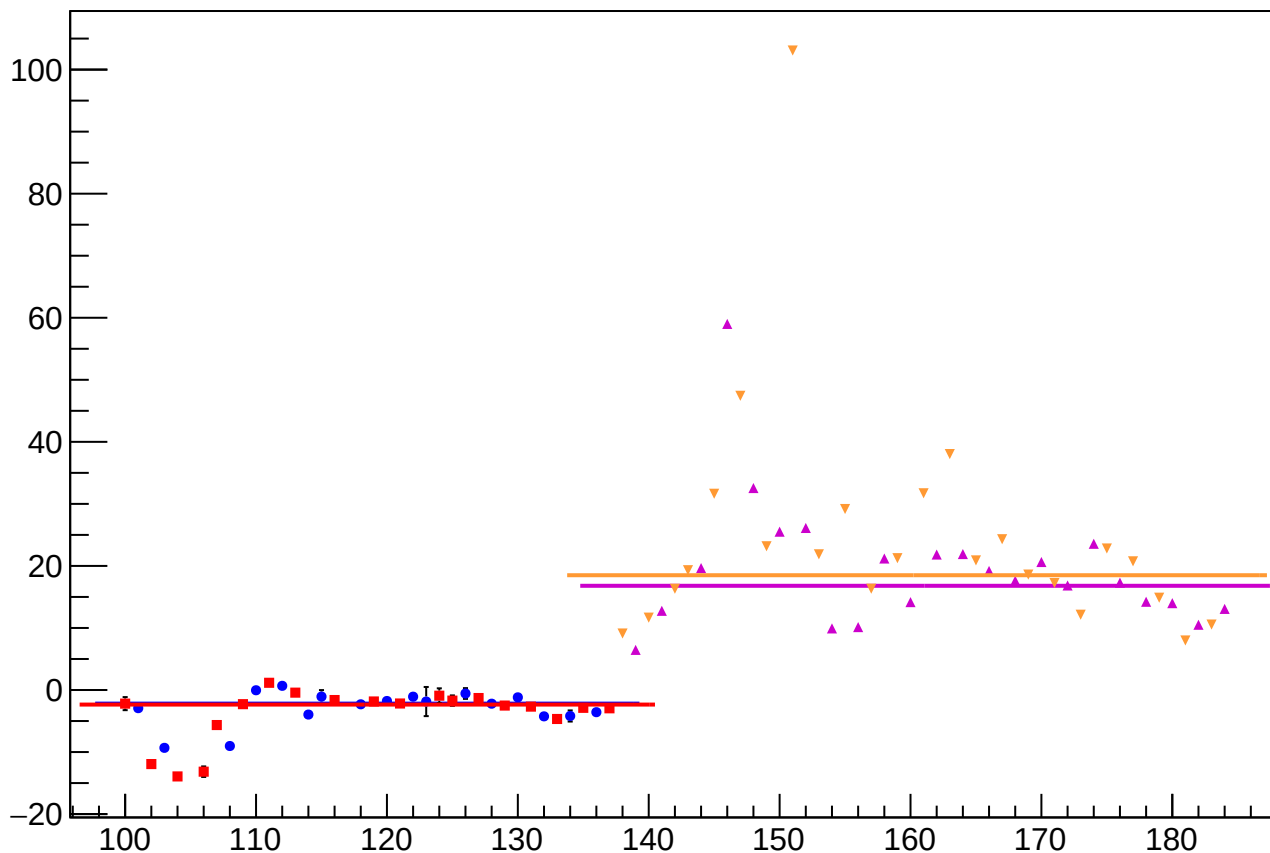
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 0.569 ± 0.028 χ^2/NDF : 7089.2/39

Out: 0.627 ± 0.029 χ^2/NDF : 8004.8/42

All: 0.597 ± 0.020 χ^2/NDF : 15096.0/82

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 18.500 ± 0.040 $\chi^2/\text{NDF}: 77185.5/23$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 16.798 ± 0.038 $\chi^2/\text{NDF}: 40258.9/22$

Left: 17.608 ± 0.028 $\chi^2/\text{NDF}: 118378.1/46$

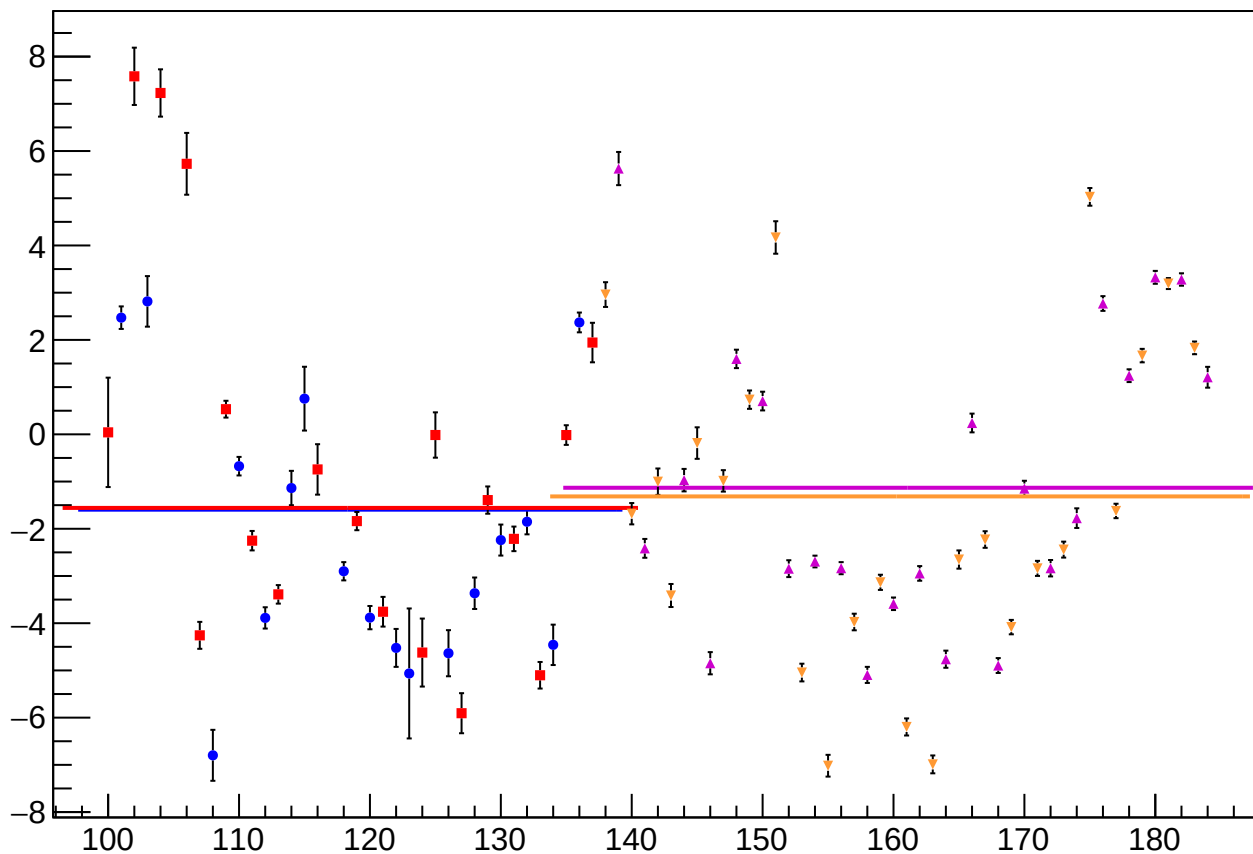
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 14.825 ± 0.036 $\chi^2/\text{NDF}: 66102.8/39$

Out: 15.626 ± 0.037 $\chi^2/\text{NDF}: 114922.4/42$

All: 15.214 ± 0.026 $\chi^2/\text{NDF}: 181260.5/82$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 $\chi^2/\text{NDF}: 1255.4/16$

Left Out: -1.315 ± 0.037 $\chi^2/\text{NDF}: 7886.8/23$

Right Out: -1.558 ± 0.067 $\chi^2/\text{NDF}: 1463.8/18$

Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6743.4/22$

Left: -1.218 ± 0.025 $\chi^2/\text{NDF}: 14643.2/46$

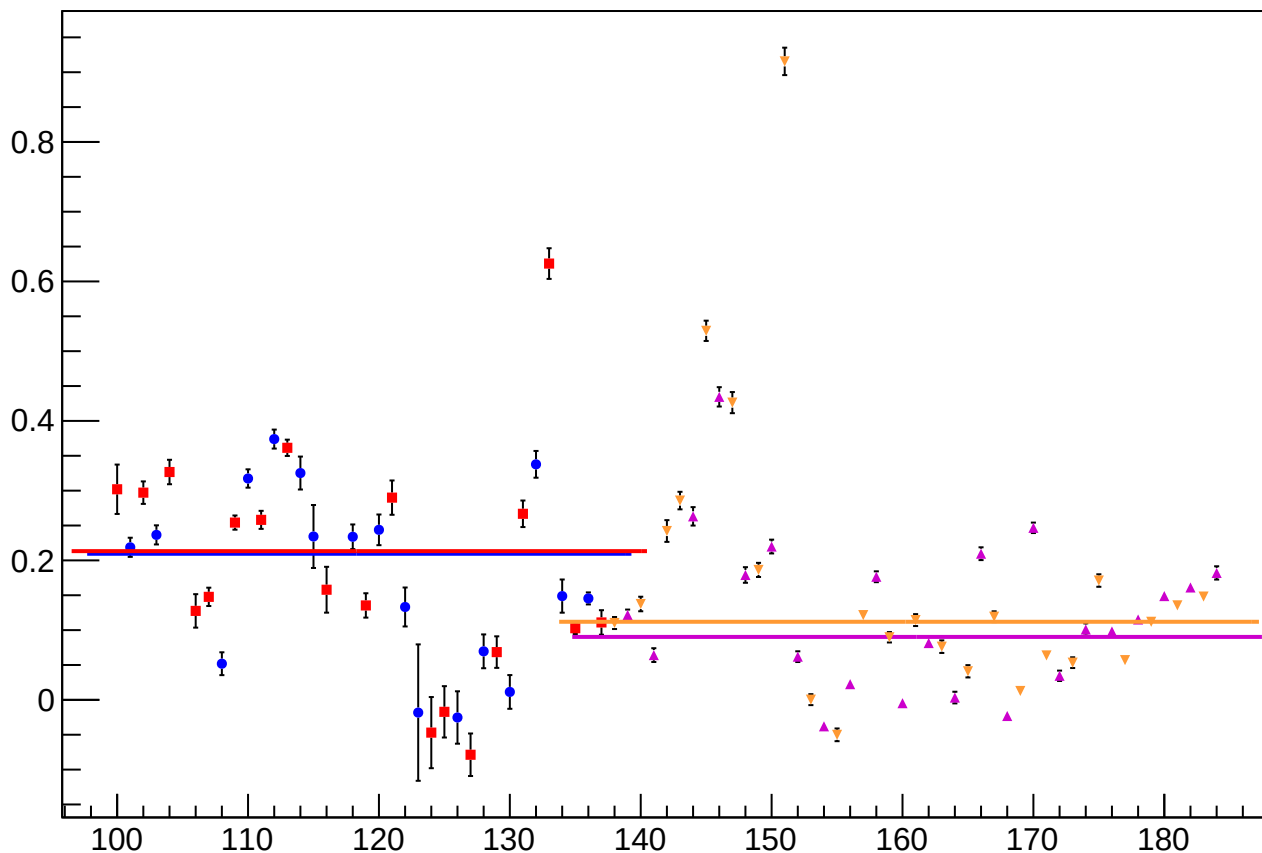
Right: -1.575 ± 0.049 $\chi^2/\text{NDF}: 2719.3/35$

In: -1.220 ± 0.031 $\chi^2/\text{NDF}: 8032.6/39$

Out: -1.372 ± 0.032 $\chi^2/\text{NDF}: 9360.7/42$

All: -1.293 ± 0.023 $\chi^2/\text{NDF}: 17404.7/82$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 χ^2/NDF : 597.7/16

Left Out: 0.112 ± 0.002 χ^2/NDF : 4338.8/23

Right Out: 0.213 ± 0.004 χ^2/NDF : 1103.2/18

Left In: 0.090 ± 0.002 χ^2/NDF : 3679.2/22

Left: 0.100 ± 0.001 χ^2/NDF : 8110.5/46

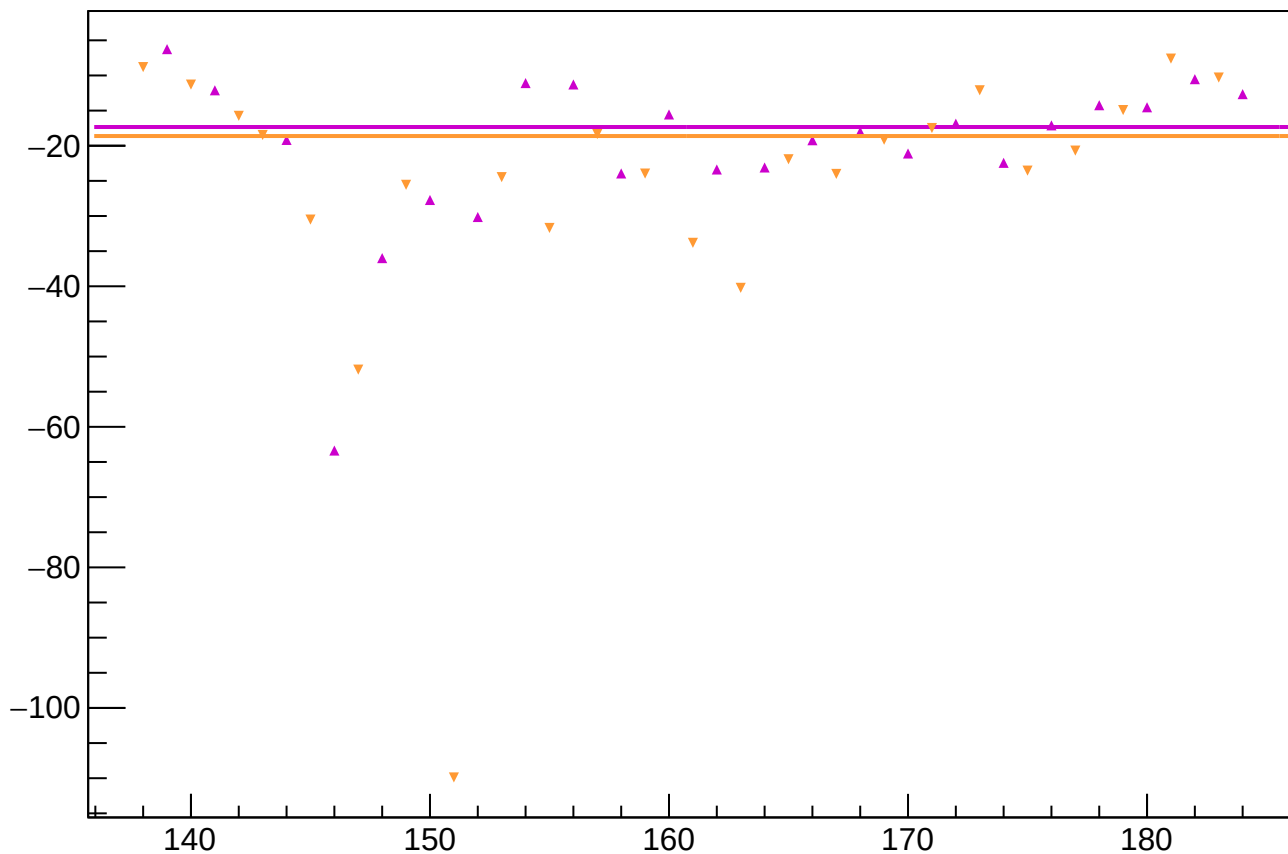
Right: 0.212 ± 0.003 χ^2/NDF : 1701.4/35

In: 0.104 ± 0.001 χ^2/NDF : 4986.8/39

Out: 0.129 ± 0.002 χ^2/NDF : 6050.9/42

All: 0.116 ± 0.001 χ^2/NDF : 11173.5/82

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -18.620 ± 0.041 $\chi^2/\text{NDF}: 86309.6/23$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -17.335 ± 0.039 $\chi^2/\text{NDF}: 44078.7/22$

Left: -17.954 ± 0.028 $\chi^2/\text{NDF}: 130907.7/46$

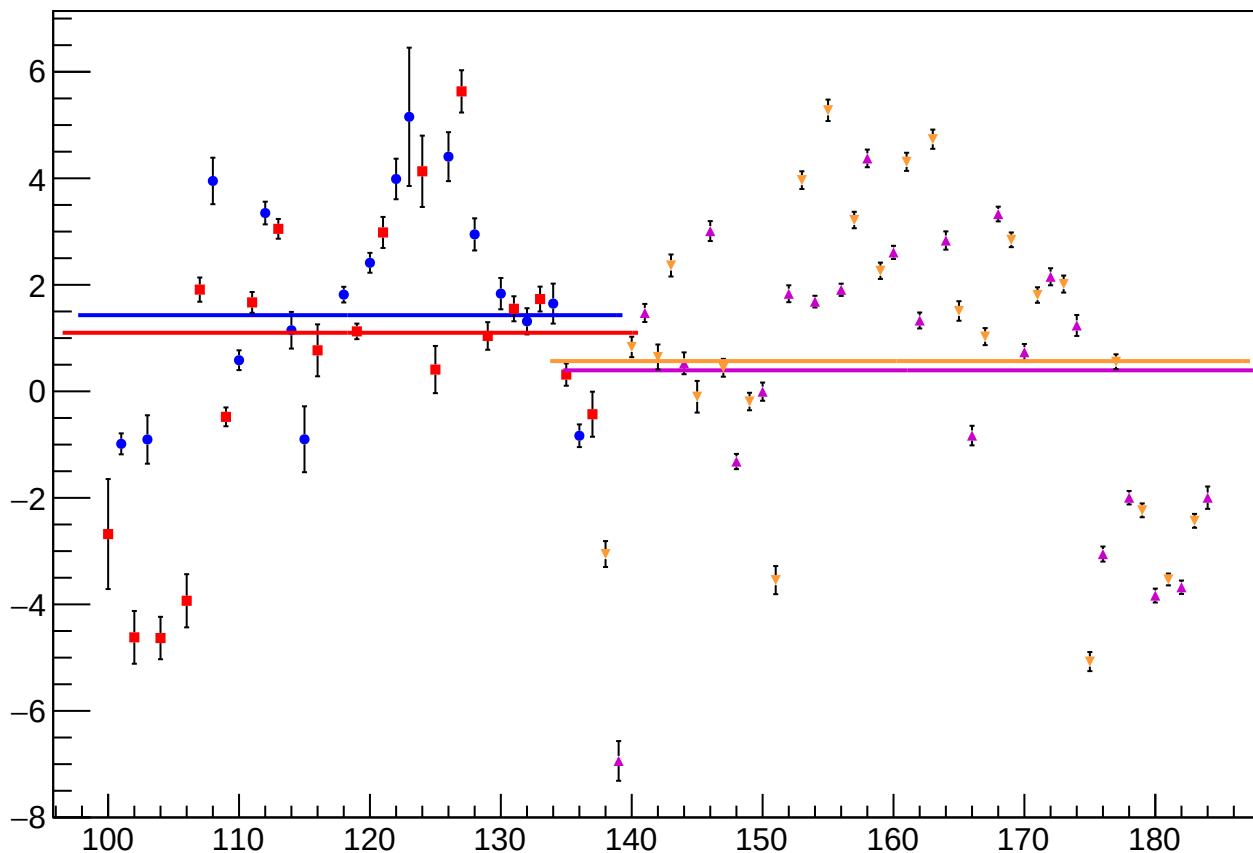
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -17.335 ± 0.039 $\chi^2/\text{NDF}: 44078.7/22$

Out: -18.620 ± 0.041 $\chi^2/\text{NDF}: 86309.6/23$

All: -17.954 ± 0.028 $\chi^2/\text{NDF}: 130907.7/46$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: 0.568 ± 0.034 $\chi^2/\text{NDF}: 6774.8/23$

Right Out: 1.100 ± 0.060 $\chi^2/\text{NDF}: 901.0/18$

Left In: 0.394 ± 0.032 $\chi^2/\text{NDF}: 6112.7/22$

Left: 0.476 ± 0.023 $\chi^2/\text{NDF}: 12901.7/46$

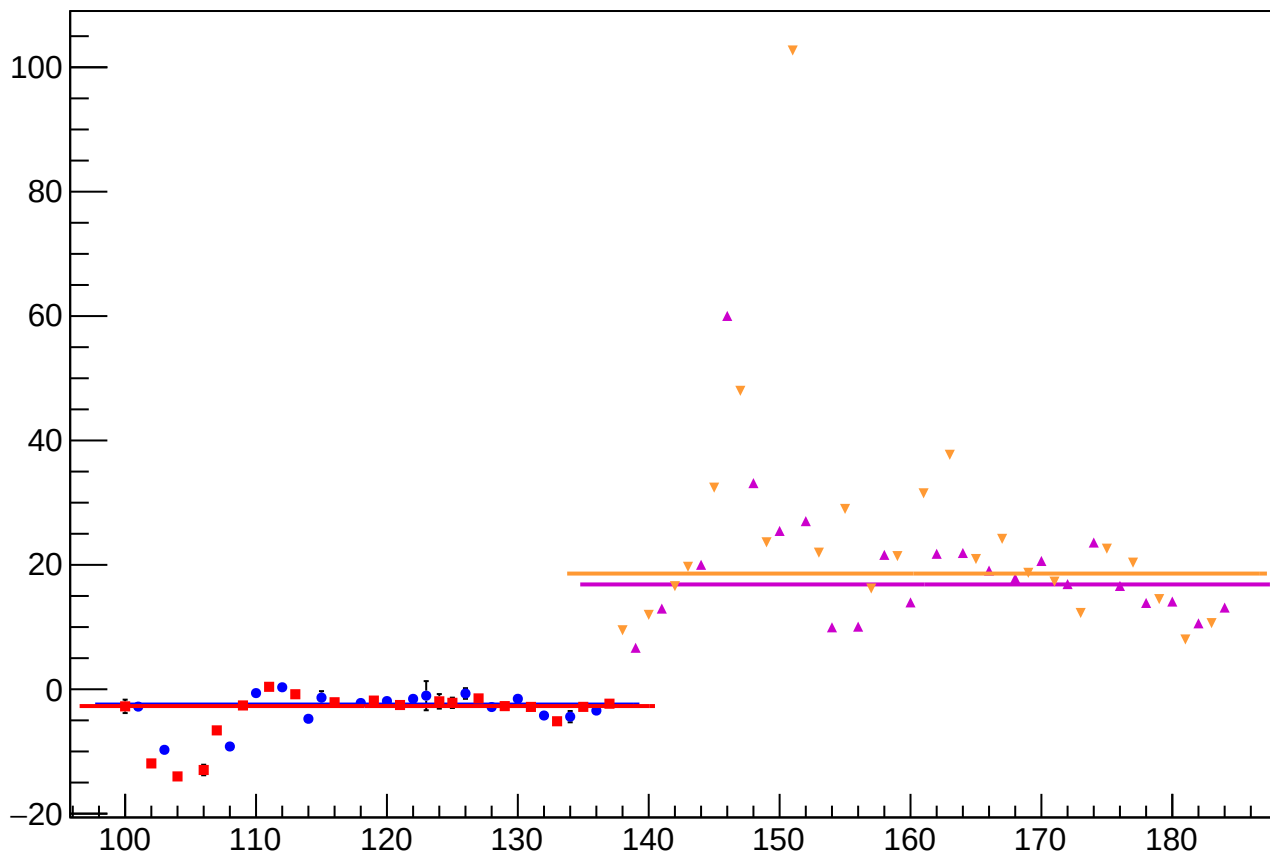
Right: 1.257 ± 0.043 $\chi^2/\text{NDF}: 1513.6/35$

In: 0.604 ± 0.028 $\chi^2/\text{NDF}: 6927.7/39$

Out: 0.696 ± 0.029 $\chi^2/\text{NDF}: 7735.6/42$

All: 0.648 ± 0.020 $\chi^2/\text{NDF}: 14668.5/82$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456+/-0.115 χ^2/NDF : 419.1/16

Left Out: 18.601+/-0.041 χ^2/NDF : 75998.1/23

Right Out: -2.700+/-0.103 χ^2/NDF : 829.7/18

Left In: 16.854+/-0.039 χ^2/NDF : 40590.0/22

Left: 17.685+/-0.028 χ^2/NDF : 117553.9/46

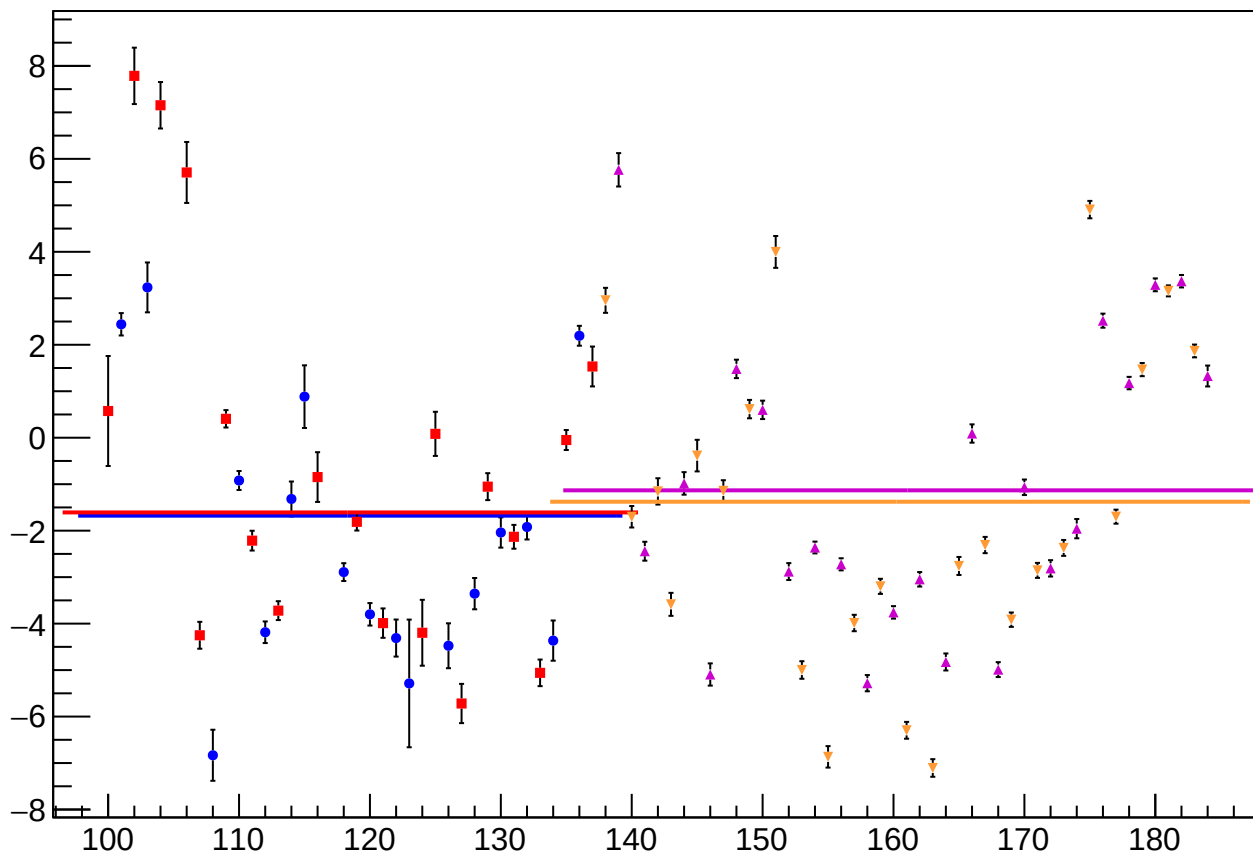
Right: -2.591+/-0.077 χ^2/NDF : 1251.4/35

In: 14.870+/-0.037 χ^2/NDF : 66501.7/39

Out: 15.727+/-0.038 χ^2/NDF : 113765.7/42

All: 15.285+/-0.026 χ^2/NDF : 180531.8/82

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -1.377 ± 0.037 χ^2/NDF : 7639.7/23

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -1.132 ± 0.035 χ^2/NDF : 6638.3/22

Left: -1.247 ± 0.026 χ^2/NDF : 14300.9/46

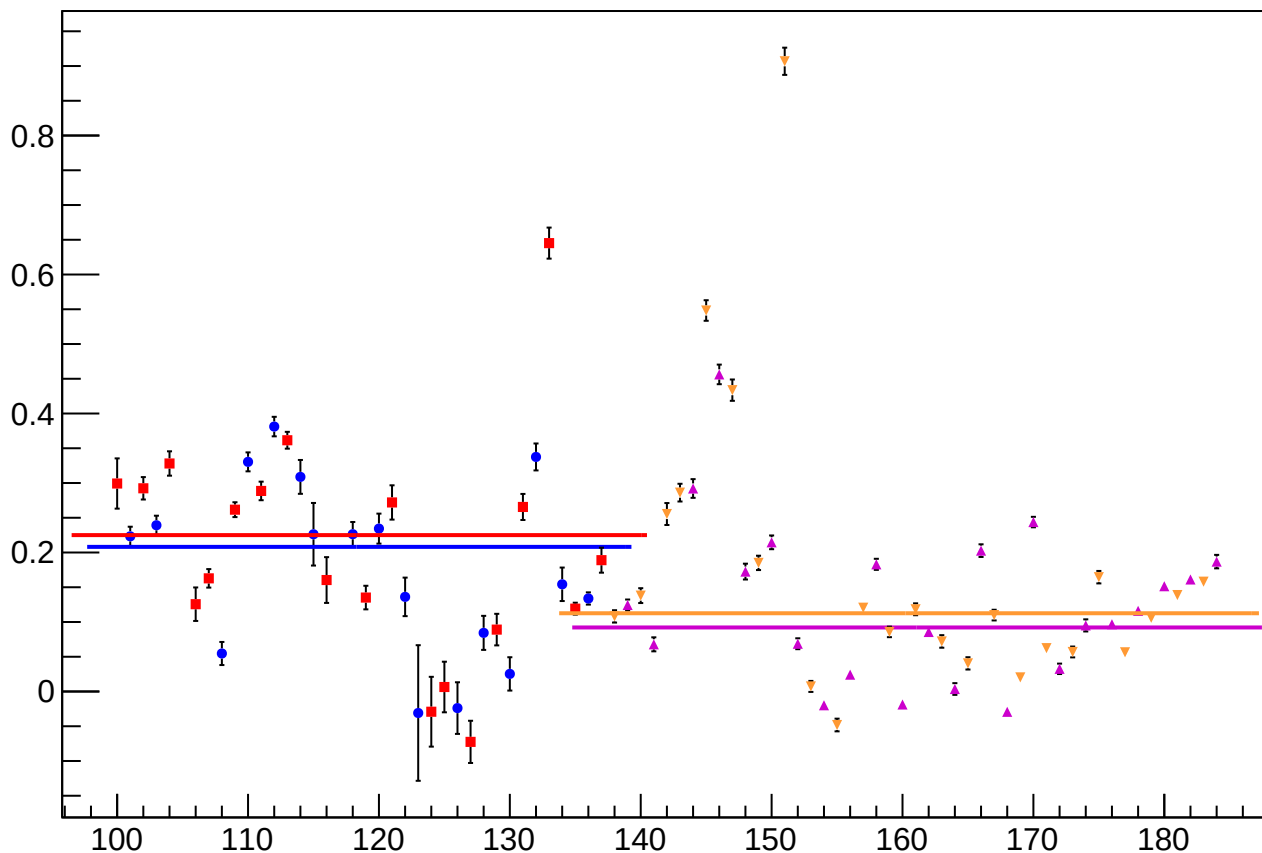
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.236 ± 0.032 χ^2/NDF : 7888.8/39

Out: -1.431 ± 0.033 χ^2/NDF : 9079.3/42

All: -1.330 ± 0.023 χ^2/NDF : 16986.5/82

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.113 $\pm$ 0.002 χ^2 /NDF:4328.2/23

Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18

Left In: 0.092 $\pm$ 0.002 χ^2 /NDF:3632.6/22

Left: 0.102 $\pm$ 0.001 χ^2 /NDF: 8041.4/46

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.106 $\pm$ 0.001 χ^2 /NDF:4887.1/39

Out: 0.131 $\pm$ 0.002 χ^2 /NDF:6051.4/42

All: 0.117 $\pm$ 0.001 χ^2 /NDF: 11078.9/82