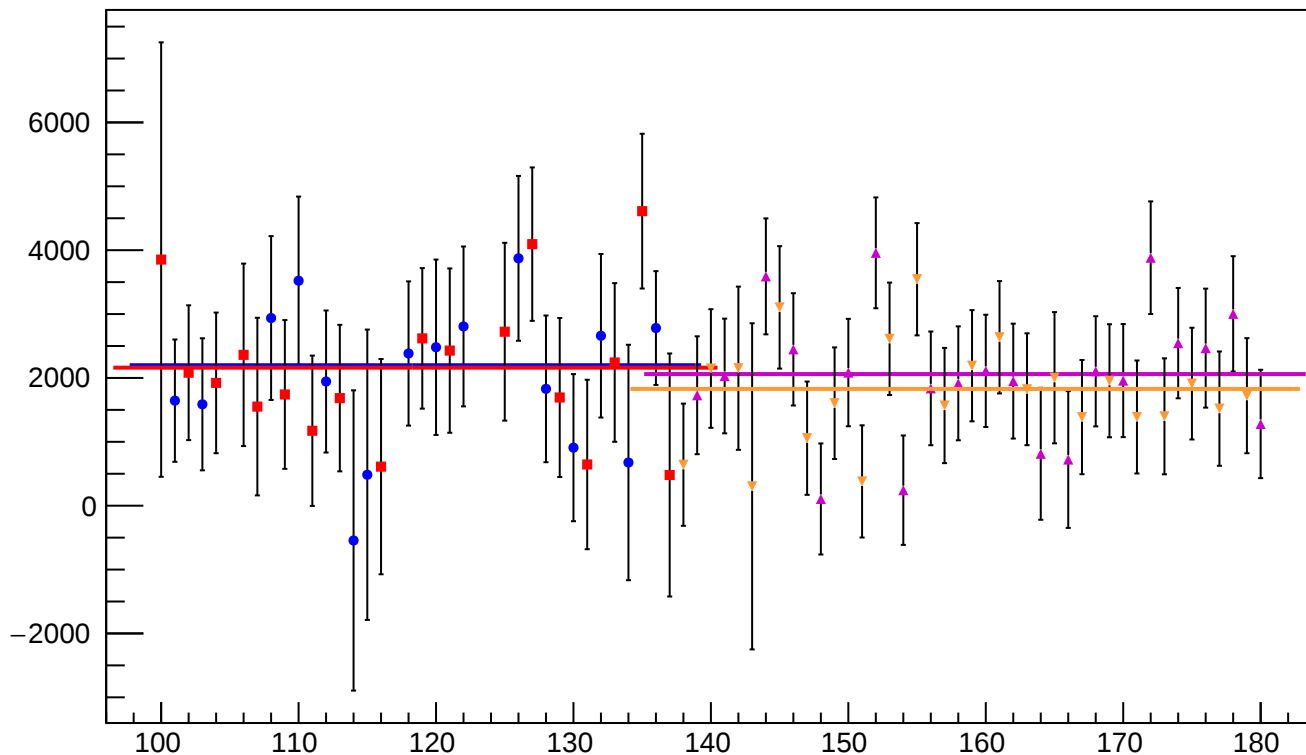


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

χ^2/NDF : 8.6/15

Left Out: 1828.059+/-198.127

χ^2/NDF : 14.0/21

Right Out: 2160.742+/-303.587

χ^2/NDF : 11.7/17

Left In: 2060.780+/-195.245

χ^2/NDF : 27.4/20

Left: 1946.124+/-139.067

χ^2/NDF : 42.1/42

Right: 2179.612+/-215.784

χ^2/NDF : 20.3/33

In: 2100.594+/-164.714

χ^2/NDF : 36.1/36

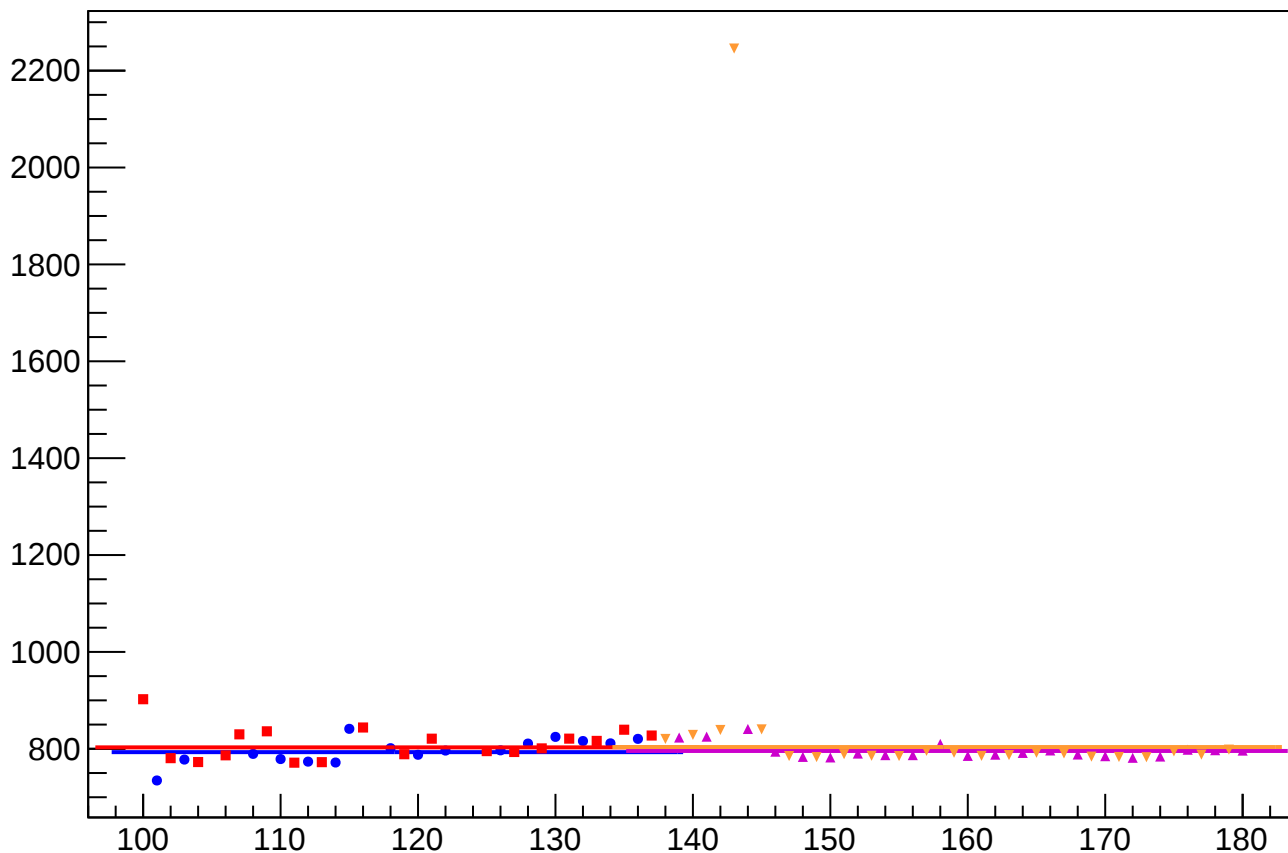
Out: 1927.430+/-165.920

χ^2/NDF : 26.5/39

All: 2014.643+/-116.894

χ^2/NDF : 63.2/76

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 803.601+/-0.140 χ^2/NDF : 655652.8/21

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

Left In: 795.531+/-0.138 χ^2/NDF : 12648.8/20

Left: 799.507+/-0.098 χ^2/NDF : 669984.7/42

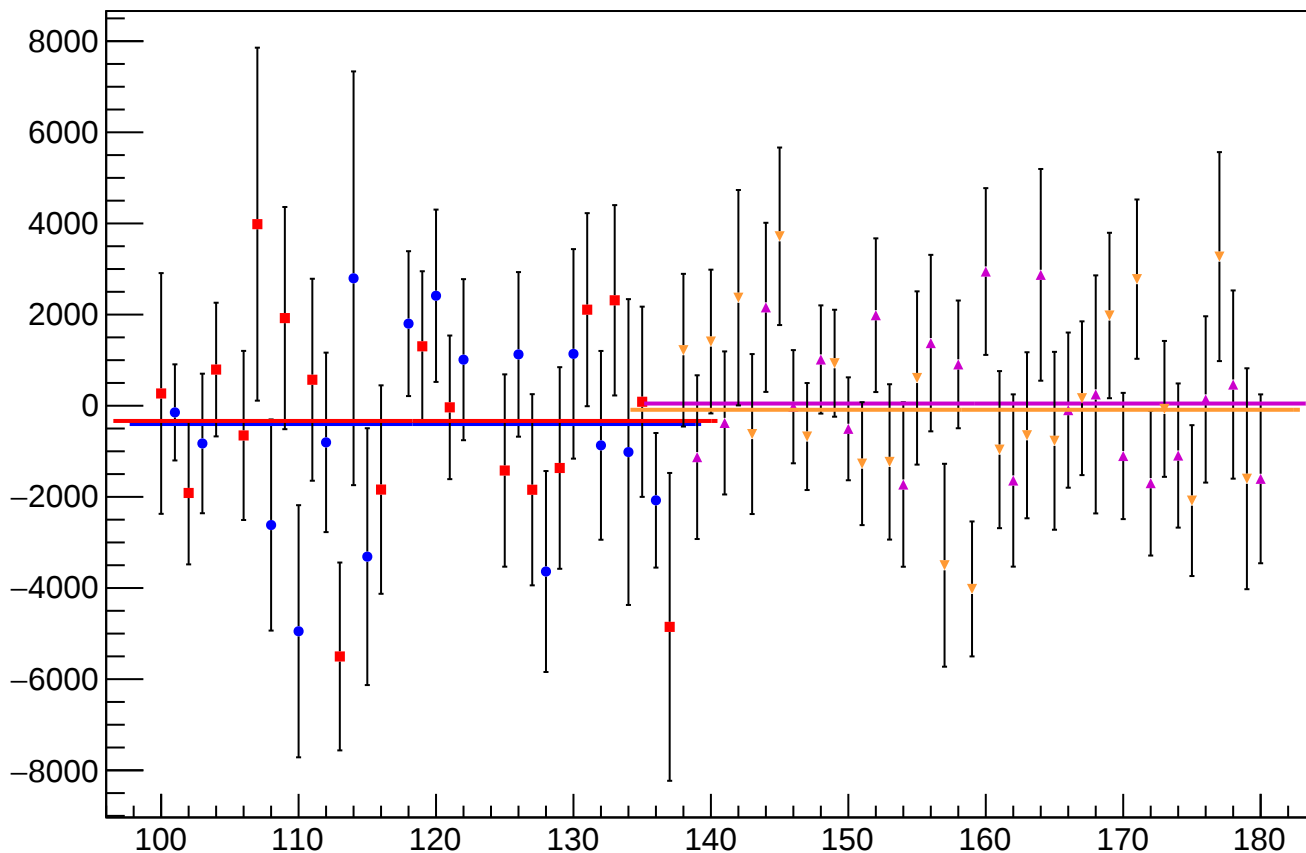
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 794.828+/-0.116 χ^2/NDF : 27441.9/36

Out: 803.405+/-0.117 χ^2/NDF : 670104.9/39

All: 799.085+/-0.083 χ^2/NDF : 700238.8/76

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -88.814 $\pm$ 356.608 χ^2 /NDF:26.7/21

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

Left In: 48.143 $\pm$ 353.972 χ^2 /NDF:13.9/20

Left: -19.828 $\pm$ 251.223 χ^2 /NDF: 40.7/42

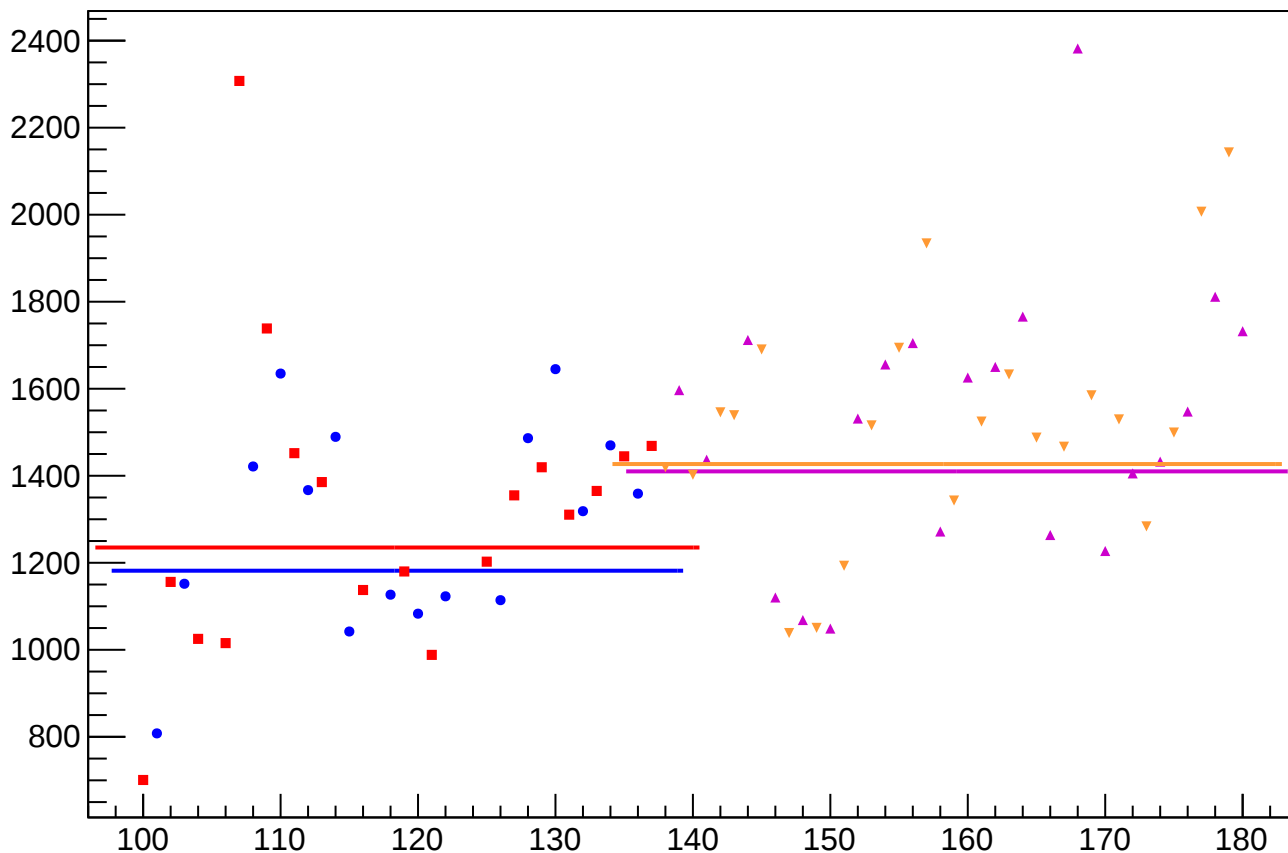
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

In: -115.170 $\pm$ 282.462 χ^2 /NDF:29.3/36

Out: -176.371 $\pm$ 285.930 χ^2 /NDF:44.4/39

All: -145.397 $\pm$ 200.946 χ^2 /NDF: 73.7/76

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1426.925 $\pm$ 0.252 χ^2 /NDF:1072188.1/21

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

Left In: 1410.056 $\pm$ 0.250 χ^2 /NDF:1249020.4/20

Left: 1418.428 $\pm$ 0.178 χ^2 /NDF: 2323462.9/42

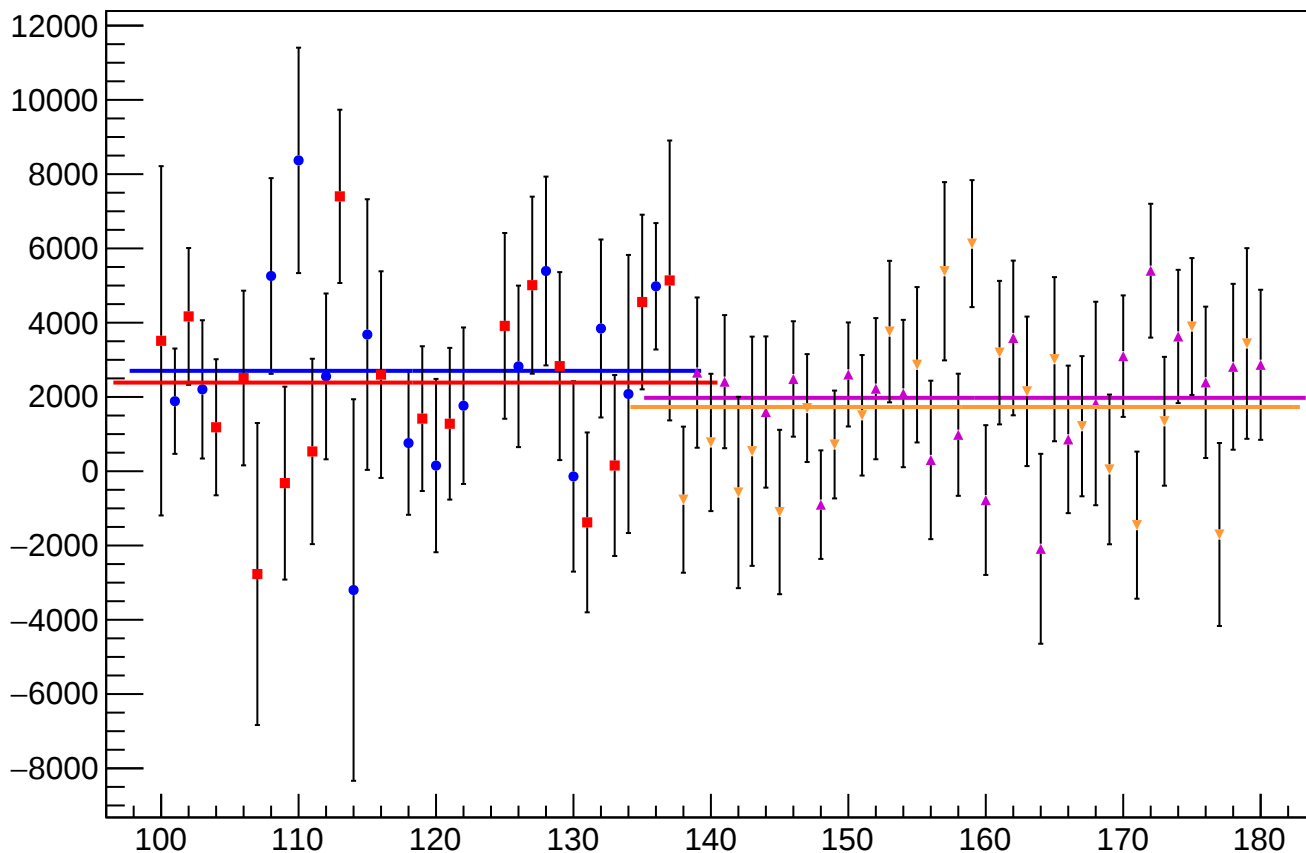
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1327.134 $\pm$ 0.200 χ^2 /NDF:2094681.4/36

Out: 1358.421 $\pm$ 0.202 χ^2 /NDF:1819115.7/39

All: 1342.586 $\pm$ 0.142 χ^2 /NDF: 3925916.4/76

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1729.931 $\pm$ 415.138 χ^2 /NDF:23.5/21

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

Left In: 1976.405 $\pm$ 408.140 χ^2 /NDF:16.0/20

Left: 1855.263 $\pm$ 291.041 χ^2 /NDF: 39.6/42

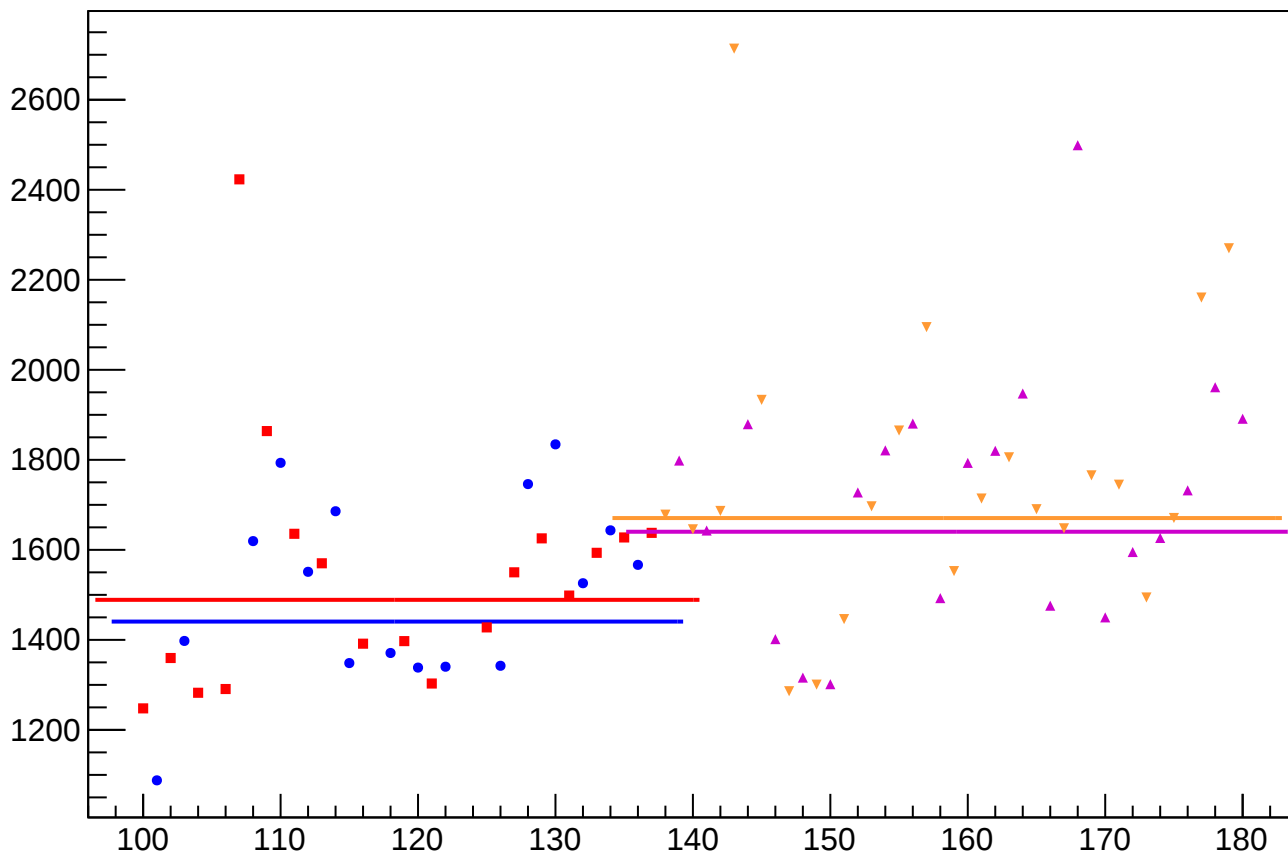
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2226.072 $\pm$ 330.748 χ^2 /NDF:30.1/36

Out: 1958.169 $\pm$ 335.421 χ^2 /NDF:40.4/39

All: 2094.000 $\pm$ 235.509 χ^2 /NDF: 70.9/76

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1670.638 $\pm$ 0.294 χ^2 /NDF: 881599.5/21

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

Left In: 1640.238 $\pm$ 0.289 χ^2 /NDF: 734605.9/20

Left: 1655.180 $\pm$ 0.206 χ^2 /NDF: 1621658.9/42

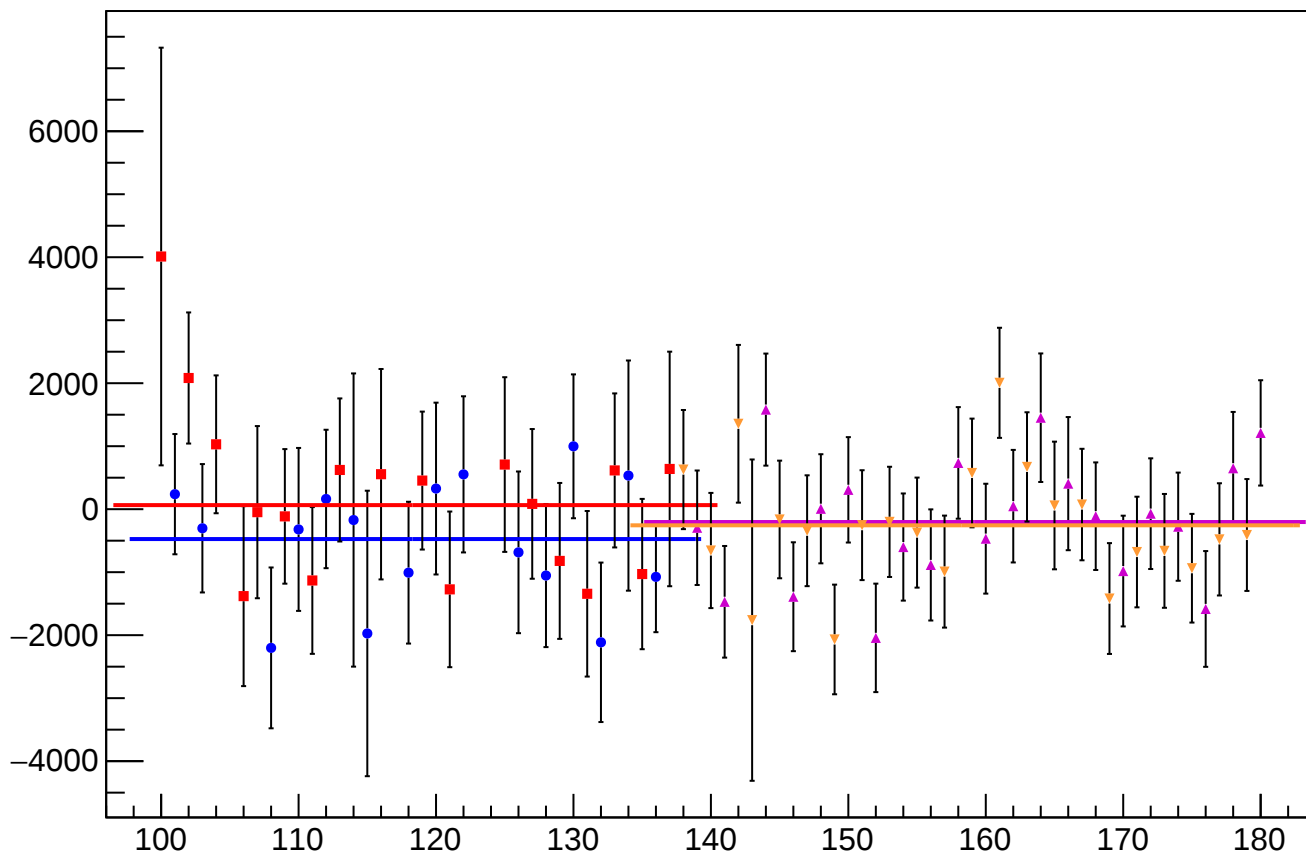
Right: 1464.596 $\pm$ 0.283 χ^2 /NDF: 546361.9/33

In: 1571.723 $\pm$ 0.234 χ^2 /NDF: 1181051.5/36

Out: 1607.558 $\pm$ 0.237 χ^2 /NDF: 1271450.8/39

All: 1589.389 $\pm$ 0.167 χ^2 /NDF: 2464076.4/76

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -256.020 $\pm$ 196.199 χ^2 /NDF:20.0/21

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

Left In: -203.792 $\pm$ 193.363 χ^2 /NDF:24.9/20

Left: -229.526 $\pm$ 137.720 χ^2 /NDF: 45.0/42

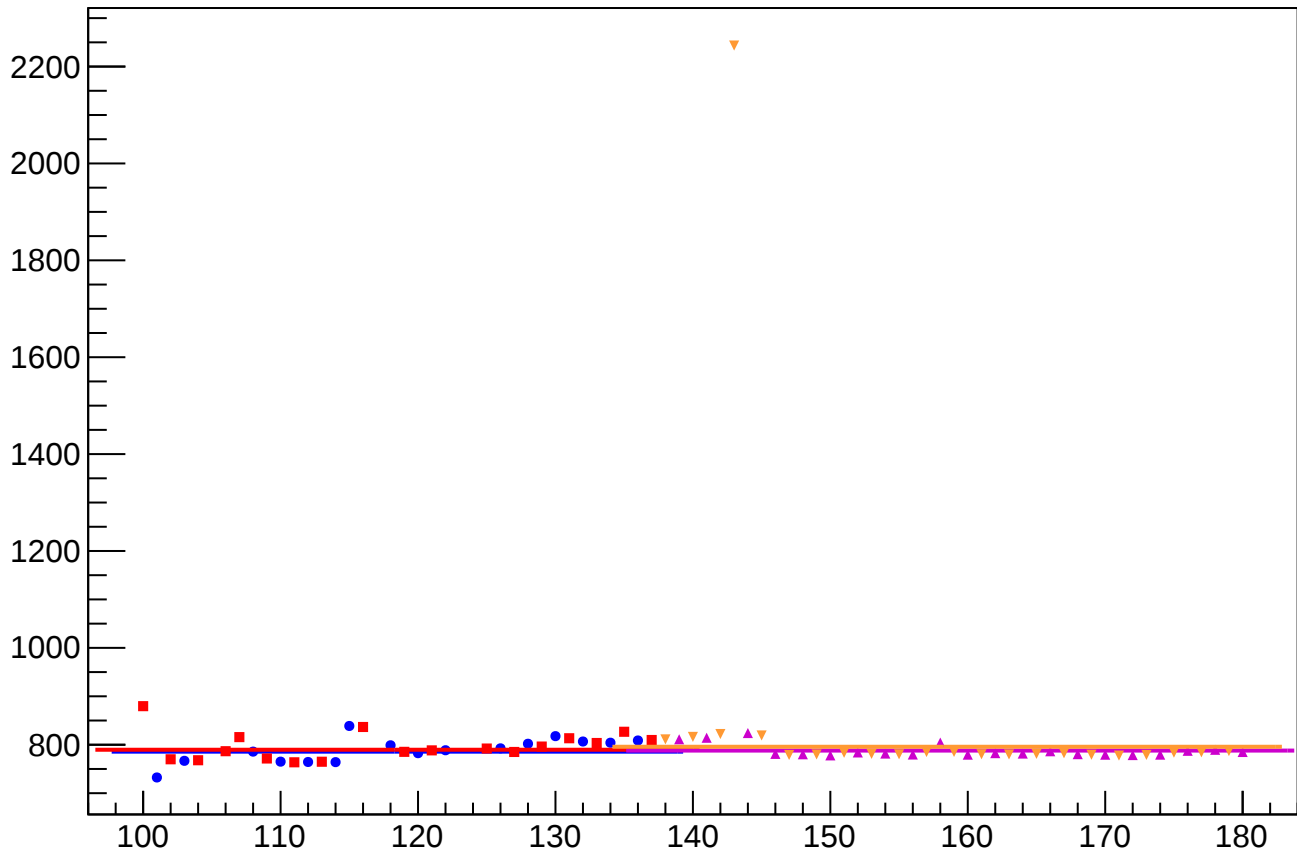
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

In: -281.693 $\pm$ 163.142 χ^2 /NDF:34.3/36

Out: -159.220 $\pm$ 163.936 χ^2 /NDF:33.5/39

All: -220.754 $\pm$ 115.639 χ^2 /NDF: 68.1/76

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 795.844 $\pm$ 0.139 χ^2 /NDF: 656854.2/21

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

Left In: 787.946 $\pm$ 0.137 χ^2 /NDF: 9088.1/20

Left: 791.837 $\pm$ 0.097 χ^2 /NDF: 667586.2/42

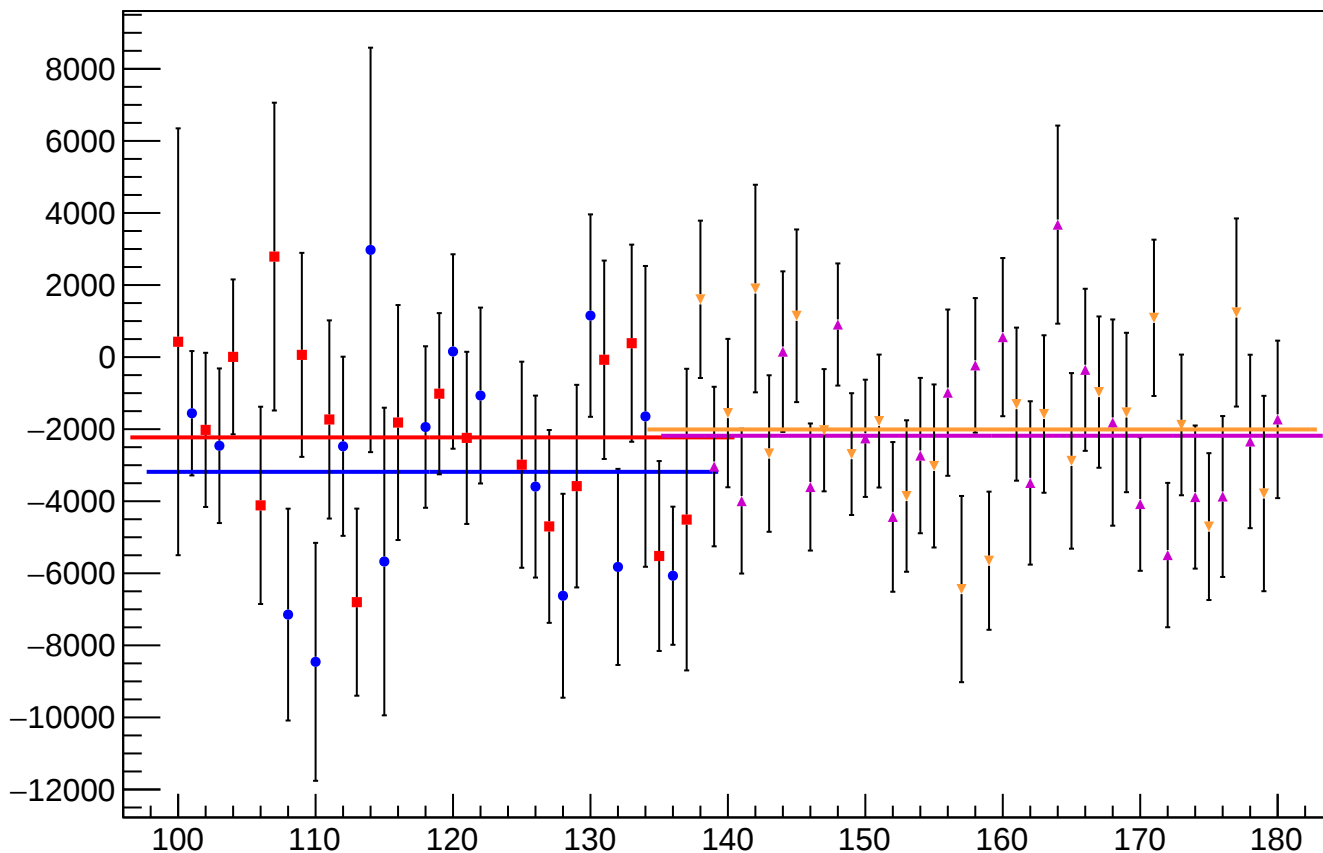
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 787.312 $\pm$ 0.115 χ^2 /NDF: 23084.3/36

Out: 793.982 $\pm$ 0.116 χ^2 /NDF: 668460.9/39

All: 790.631 $\pm$ 0.082 χ^2 /NDF: 693208.4/76

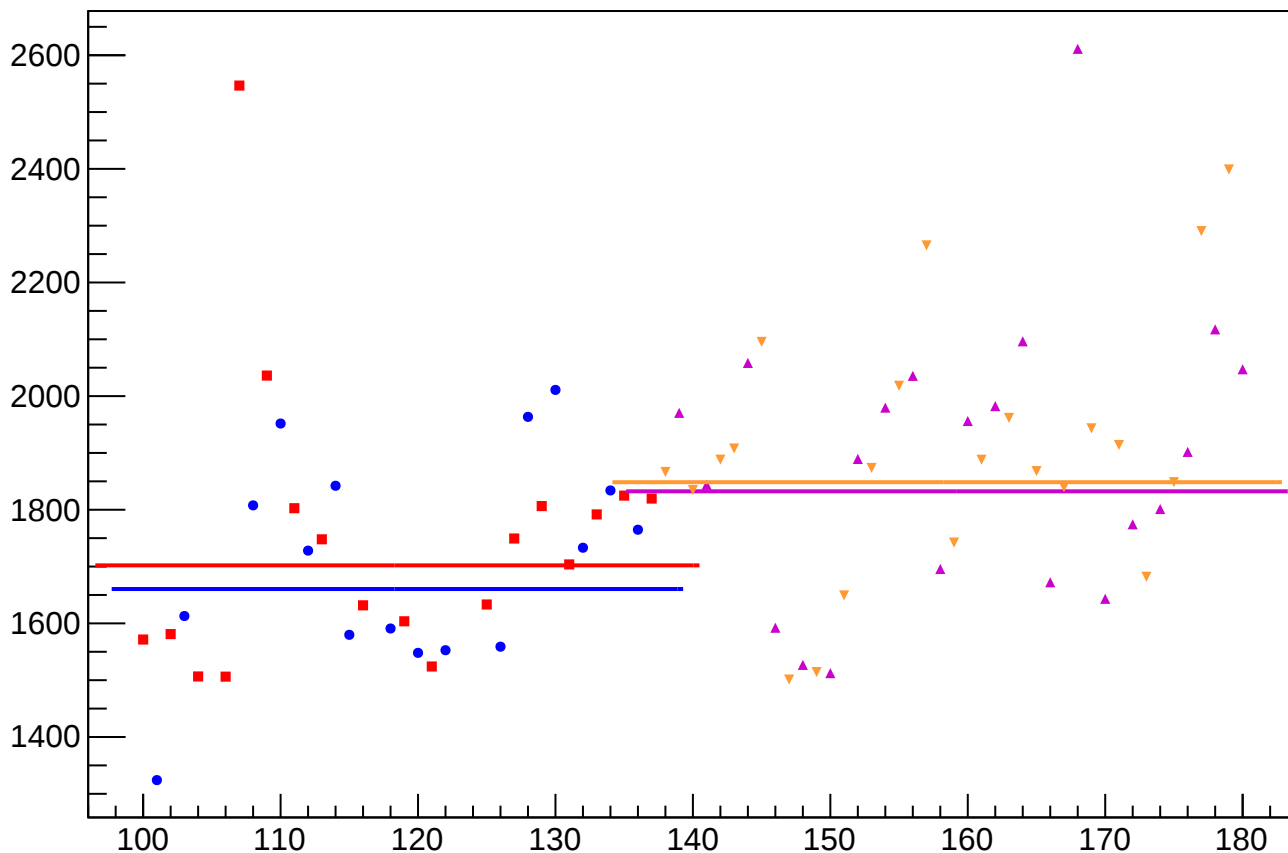
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2007.652 ± 455.654 $\chi^2/\text{NDF}: 20.5/21$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -2183.057 ± 453.973 $\chi^2/\text{NDF}: 20.9/20$

Left: -2095.679 ± 321.600 $\chi^2/\text{NDF}: 41.4/42$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2513.198 ± 371.688 $\chi^2/\text{NDF}: 39.3/36$
 Out: -2080.580 ± 372.739 $\chi^2/\text{NDF}: 32.4/39$
 All: -2297.500 ± 263.194 $\chi^2/\text{NDF}: 72.3/76$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1848.490 $\pm$ 0.322 χ^2 /NDF: 444559.6/21

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

Left In: 1832.441 $\pm$ 0.321 χ^2 /NDF: 509048.3/20

Left: 1840.436 $\pm$ 0.227 χ^2 /NDF: 954853.2/42

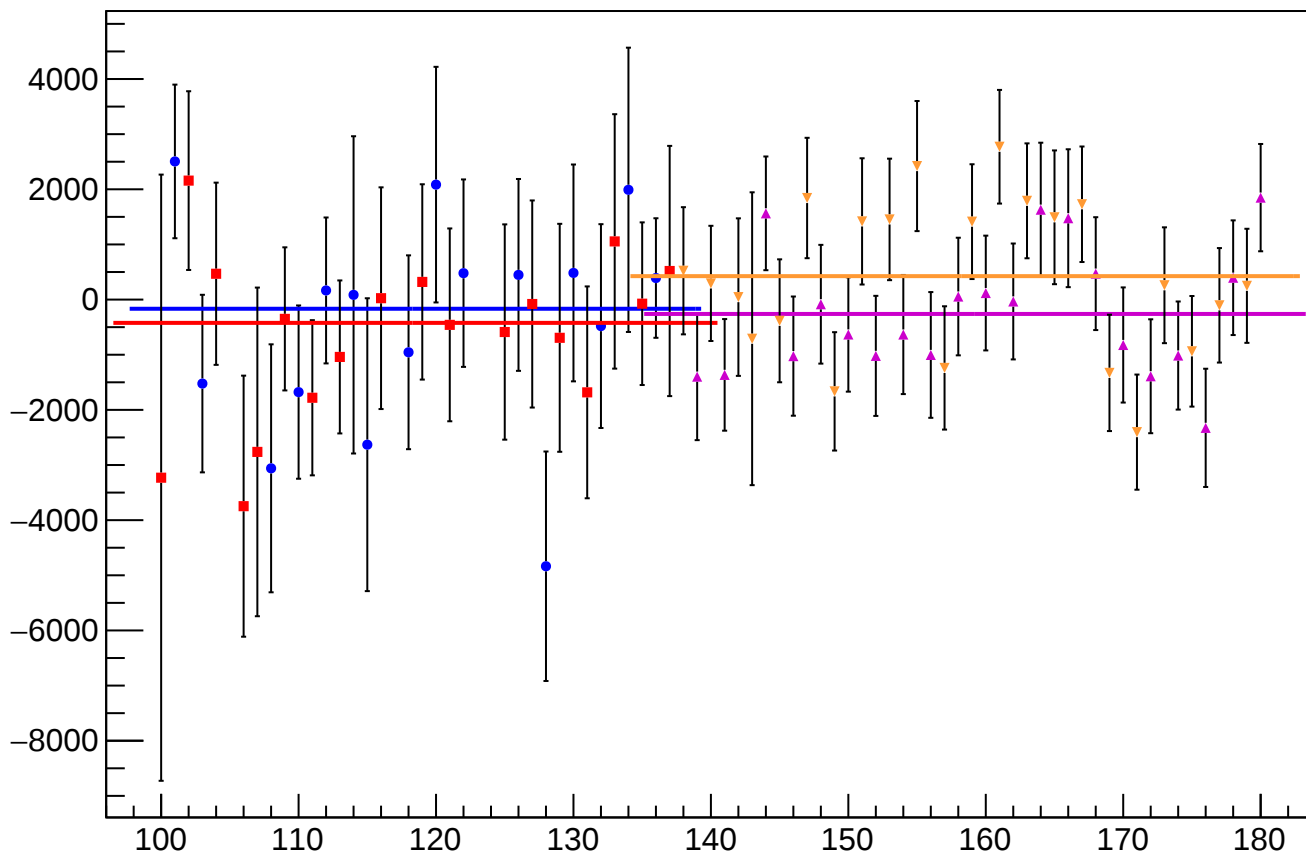
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

In: 1775.746 $\pm$ 0.263 χ^2 /NDF: 782874.7/36

Out: 1800.060 $\pm$ 0.264 χ^2 /NDF: 684864.1/39

All: 1787.869 $\pm$ 0.186 χ^2 /NDF: 1472005.7/76

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 425.059 ± 236.529 χ^2/NDF : 35.4/21

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

Left In: -260.470 ± 232.386 χ^2/NDF : 23.0/20

Left: 76.238 ± 165.767 χ^2/NDF : 62.7/42

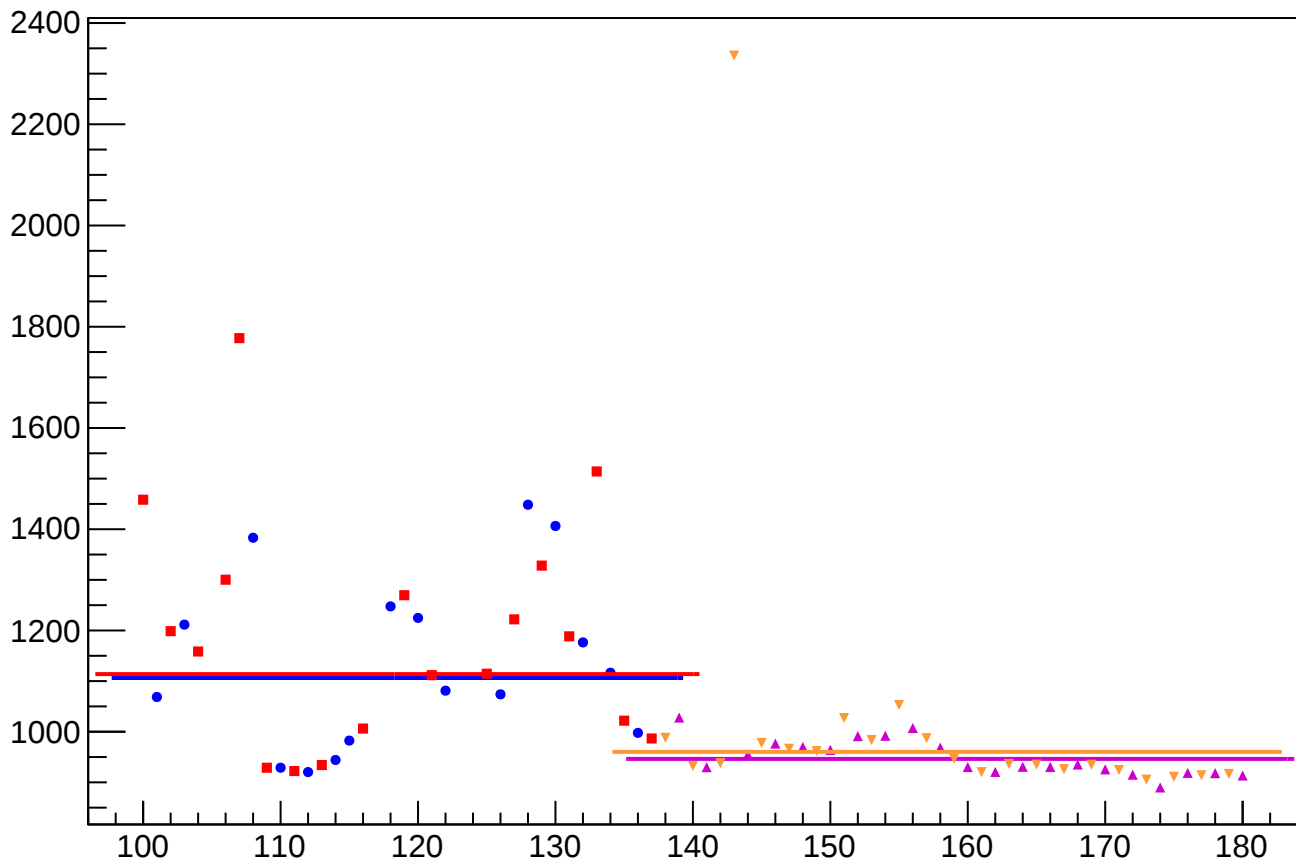
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

In: -239.401 ± 204.727 χ^2/NDF : 38.7/36

Out: 226.317 ± 206.942 χ^2/NDF : 46.5/39

All: -9.048 ± 145.541 χ^2/NDF : 87.8/76

asym_us_dd_rms vs Slug, Sign Corrected



Left: 953.095 ± 0.117 $\chi^2/\text{NDF}: 637909.0/42$

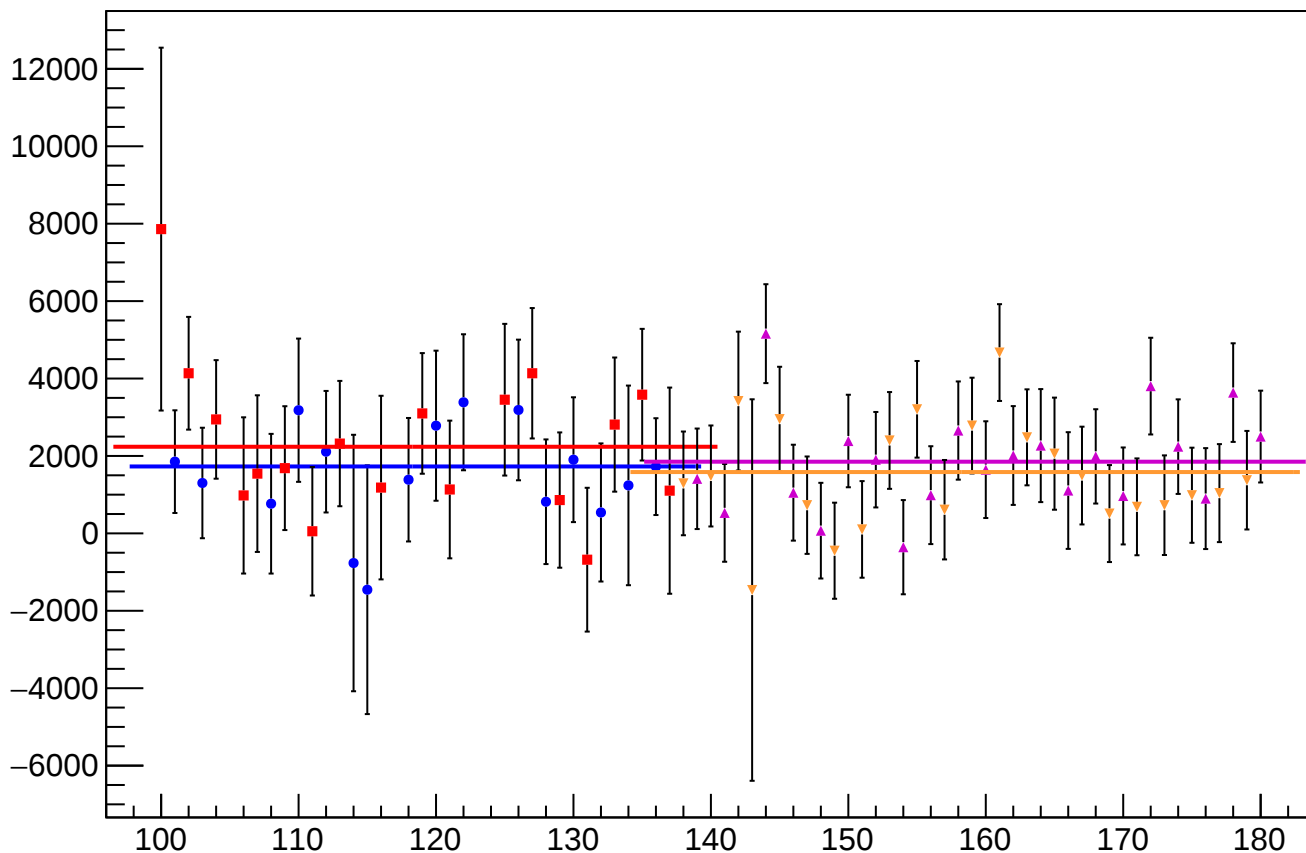
Right: 1110.038 ± 0.215 $\chi^2/\text{NDF}: 624528.4/33$

In: 982.079 ± 0.145 $\chi^2/\text{NDF}: 516126.4/36$

Out: 996.188 ± 0.146 $\chi^2/\text{NDF}: 1152407.9/39$

All: 989.058 ± 0.103 $\chi^2/\text{NDF}: 1673232.6/76$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1584.167 $\pm$ 280.757 χ^2/NDF : 19.6/21

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

Left In: 1851.427 $\pm$ 276.064 χ^2/NDF : 21.0/20

Left: 1720.049 $\pm$ 196.845 χ^2/NDF : 41.0/42

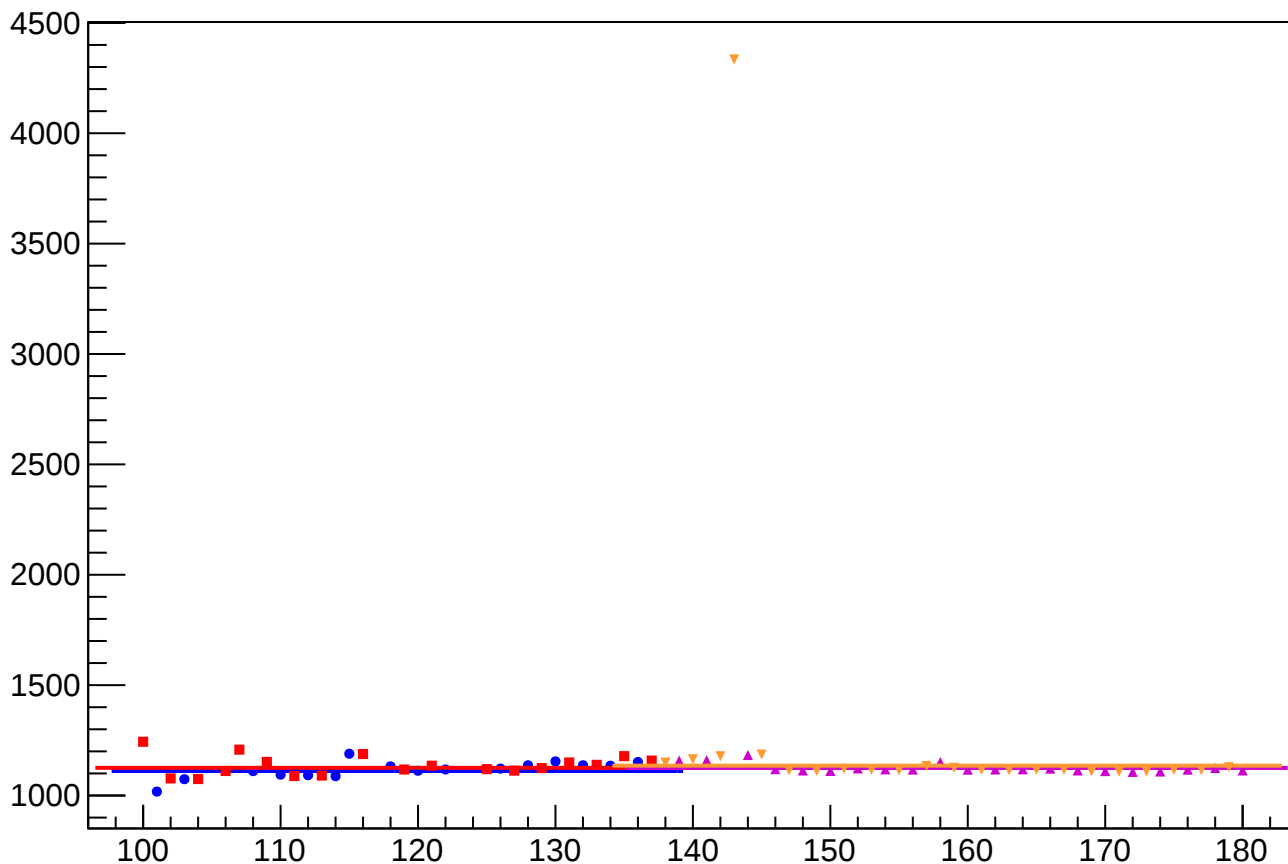
Right: 1985.660 $\pm$ 302.369 χ^2/NDF : 18.3/33

In: 1815.514 $\pm$ 232.278 χ^2/NDF : 26.4/36

Out: 1782.417 $\pm$ 234.334 χ^2/NDF : 33.5/39

All: 1799.111 $\pm$ 164.967 χ^2/NDF : 59.8/76

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1135.333+/-0.199 χ^2/NDF : 856187.8/21

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

Left In: 1124.891+/-0.195 χ^2/NDF : 10260.9/20

Left: 1130.024+/-0.139 χ^2/NDF : 867855.4/42

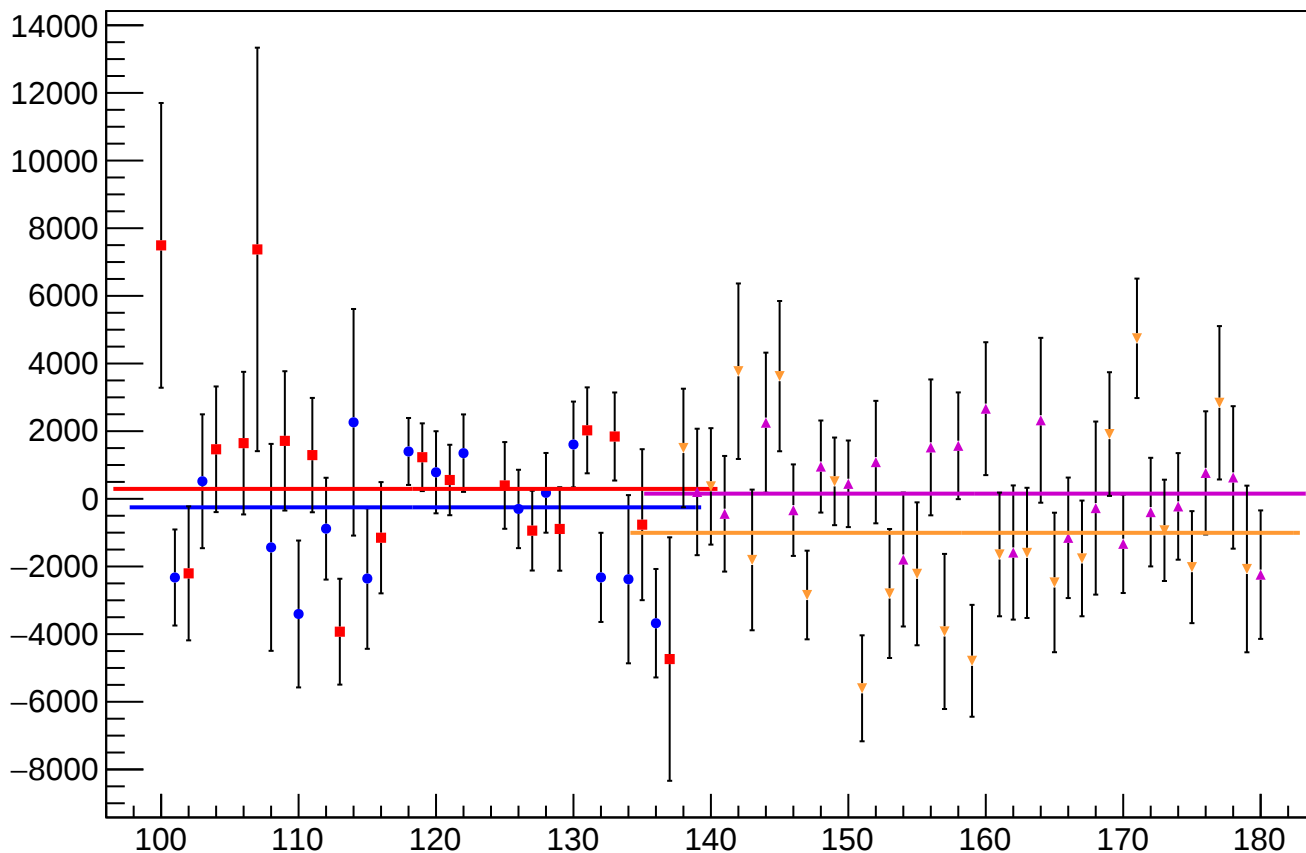
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1120.846+/-0.164 χ^2/NDF : 29821.9/36

Out: 1132.349+/-0.166 χ^2/NDF : 872813.6/39

All: 1126.547+/-0.117 χ^2/NDF : 905066.2/76

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1005.035 $\pm$ 382.852 χ^2/NDF : 48.1/21

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

Left In: 153.408 $\pm$ 378.358 χ^2/NDF : 10.9/20

Left: -418.974 $\pm$ 269.114 χ^2/NDF : 63.6/42

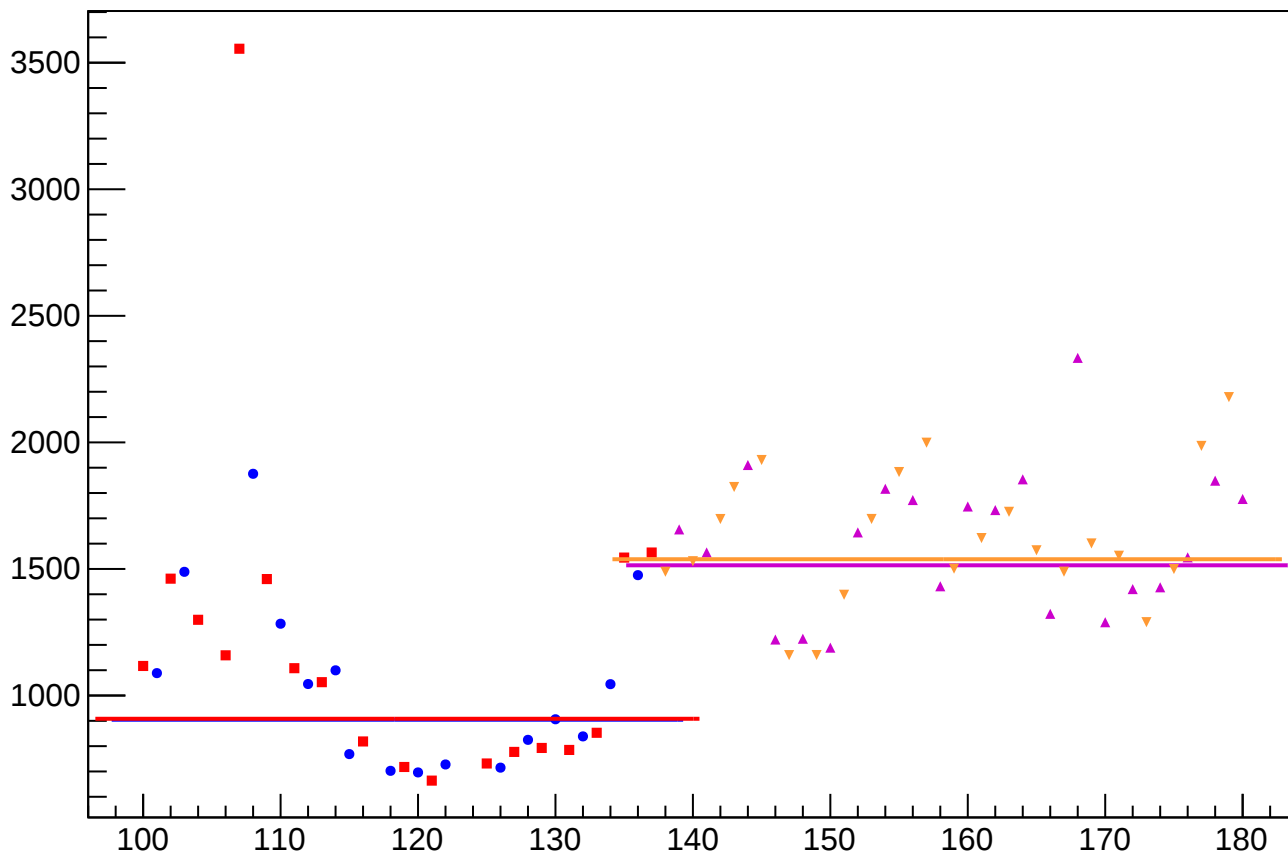
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: -56.257 $\pm$ 262.671 χ^2/NDF : 33.3/36

Out: -320.235 $\pm$ 263.223 χ^2/NDF : 78.2/39

All: -187.969 $\pm$ 185.931 χ^2/NDF : 112.0/76

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488 $\pm$ 0.258 χ^2 /NDF: 1021094.8/15

Left Out: 1538.383 $\pm$ 0.271 χ^2 /NDF: 908931.5/21

Right Out: 908.153 $\pm$ 0.256 χ^2 /NDF: 1381025.2/17

Left In: 1514.462 $\pm$ 0.268 χ^2 /NDF: 965139.4/20

Left: 1526.282 $\pm$ 0.190 χ^2 /NDF: 1878020.8/42

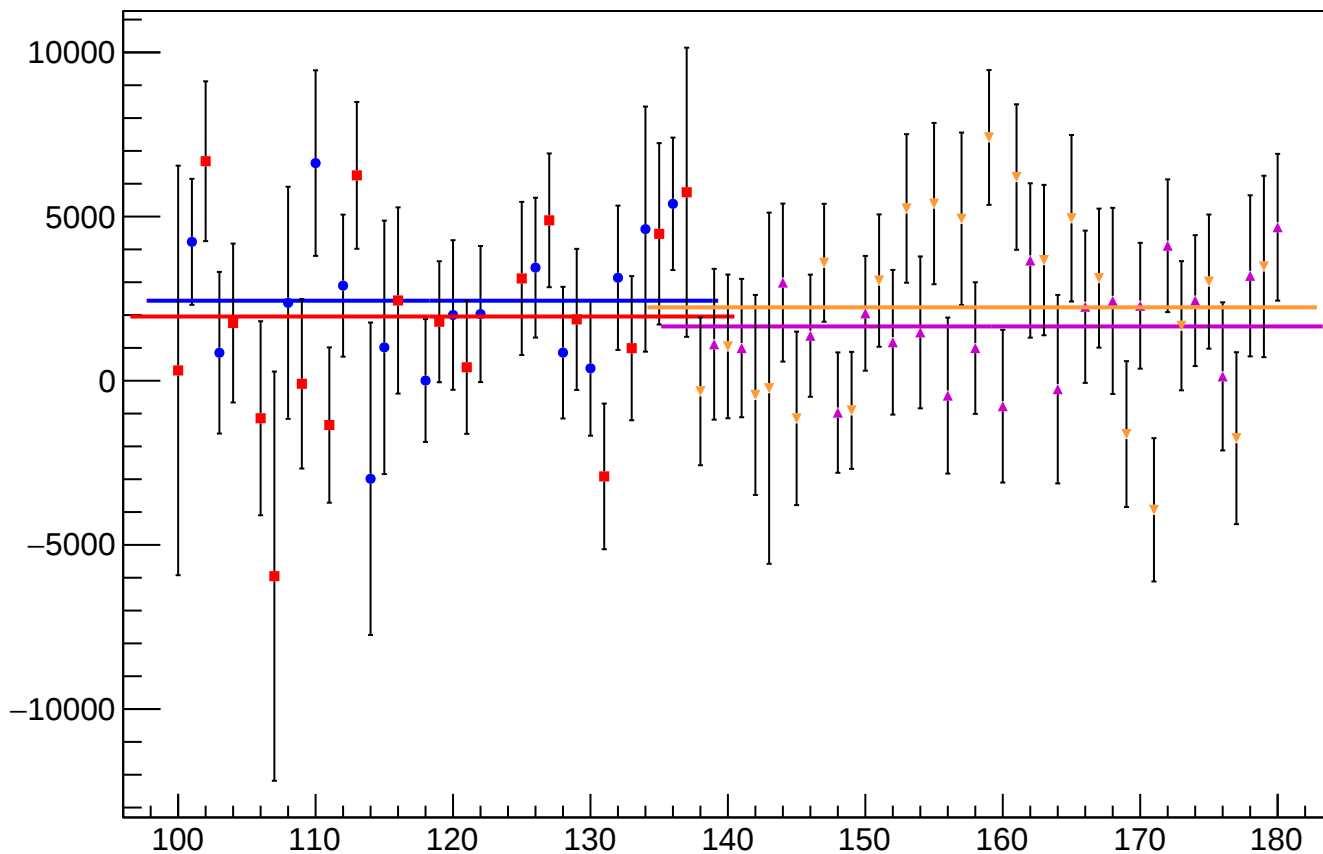
Right: 906.333 $\pm$ 0.182 χ^2 /NDF: 2402221.4/33

In: 1198.477 $\pm$ 0.186 χ^2 /NDF: 4679027.1/36

Out: 1206.063 $\pm$ 0.186 χ^2 /NDF: 5147698.7/39

All: 1202.262 $\pm$ 0.131 χ^2 /NDF: 9827558.2/76

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2236.000 $\pm$ 484.110 χ^2/NDF : 37.6/21

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

Left In: 1653.707 $\pm$ 474.087 χ^2/NDF : 10.4/20

Left: 1938.763 $\pm$ 338.718 χ^2/NDF : 48.6/42

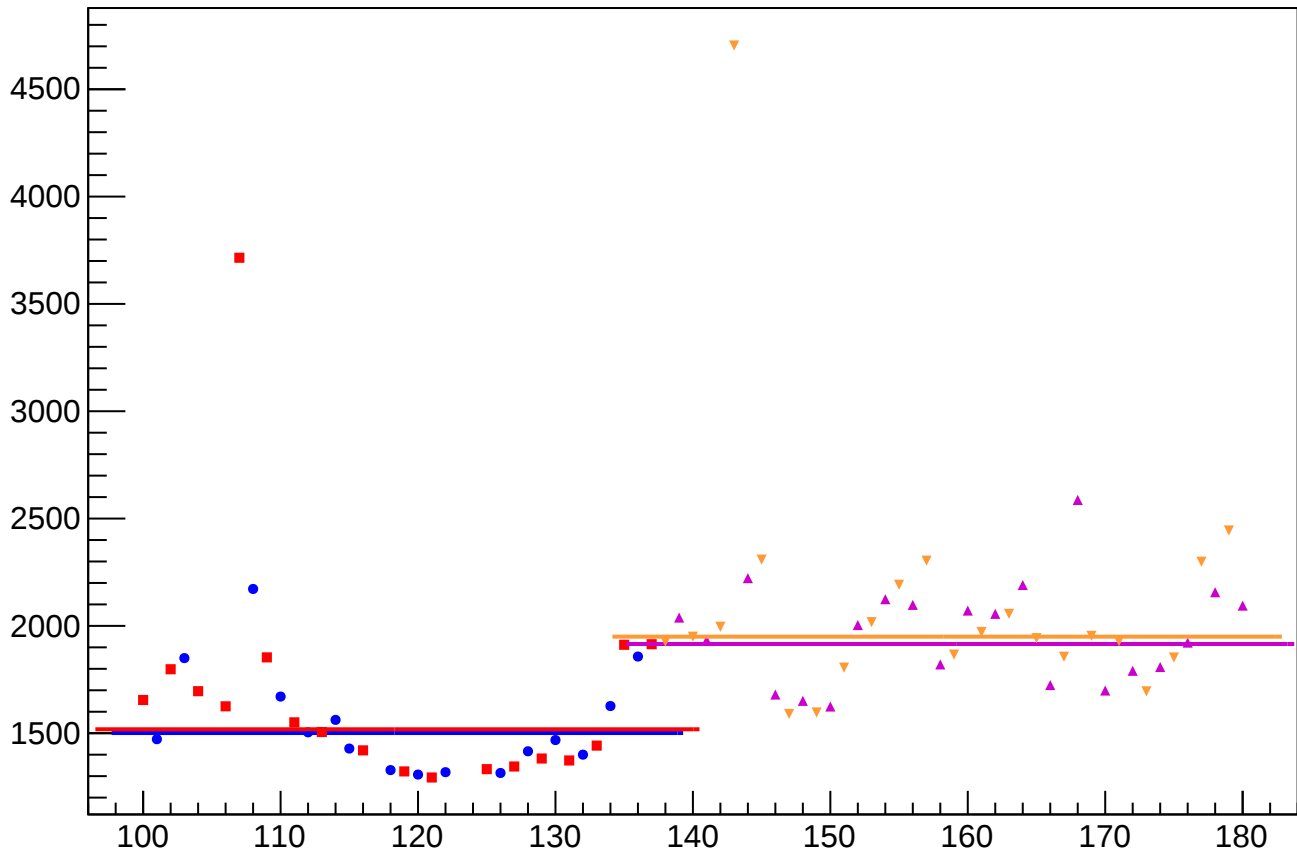
Right: 2195.827 $\pm$ 413.767 χ^2/NDF : 33.9/33

In: 1963.627 $\pm$ 368.629 χ^2/NDF : 22.6/36

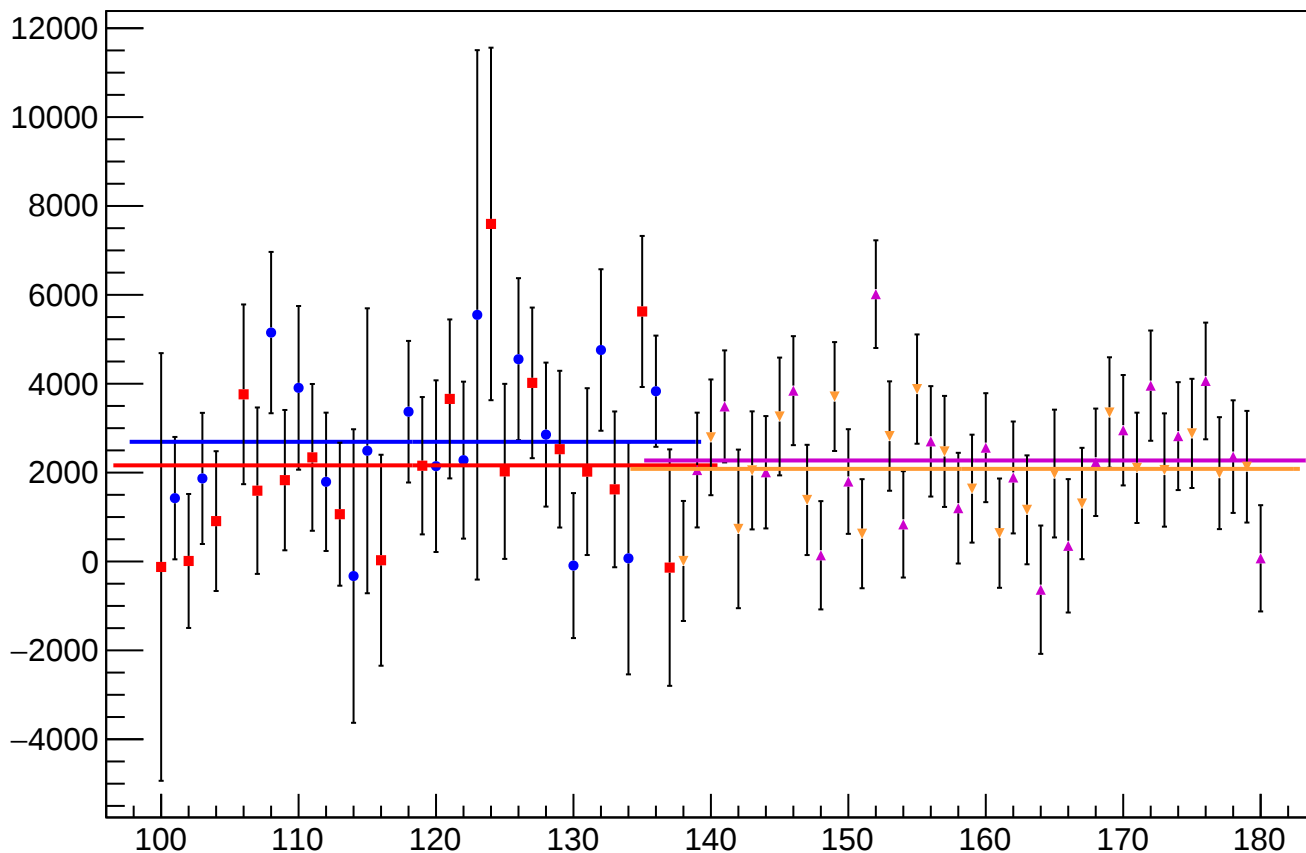
Out: 2121.942 $\pm$ 372.727 χ^2/NDF : 60.1/39

All: 2041.909 $\pm$ 262.097 χ^2/NDF : 82.7/76

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: 2083.853 $\pm$ 272.232 χ^2/NDF :14.1/21

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

Left In: 2273.280 $\pm$ 273.495 χ^2/NDF :31.2/20

Left: 2178.128 $\pm$ 192.942 χ^2/NDF : 45.4/42

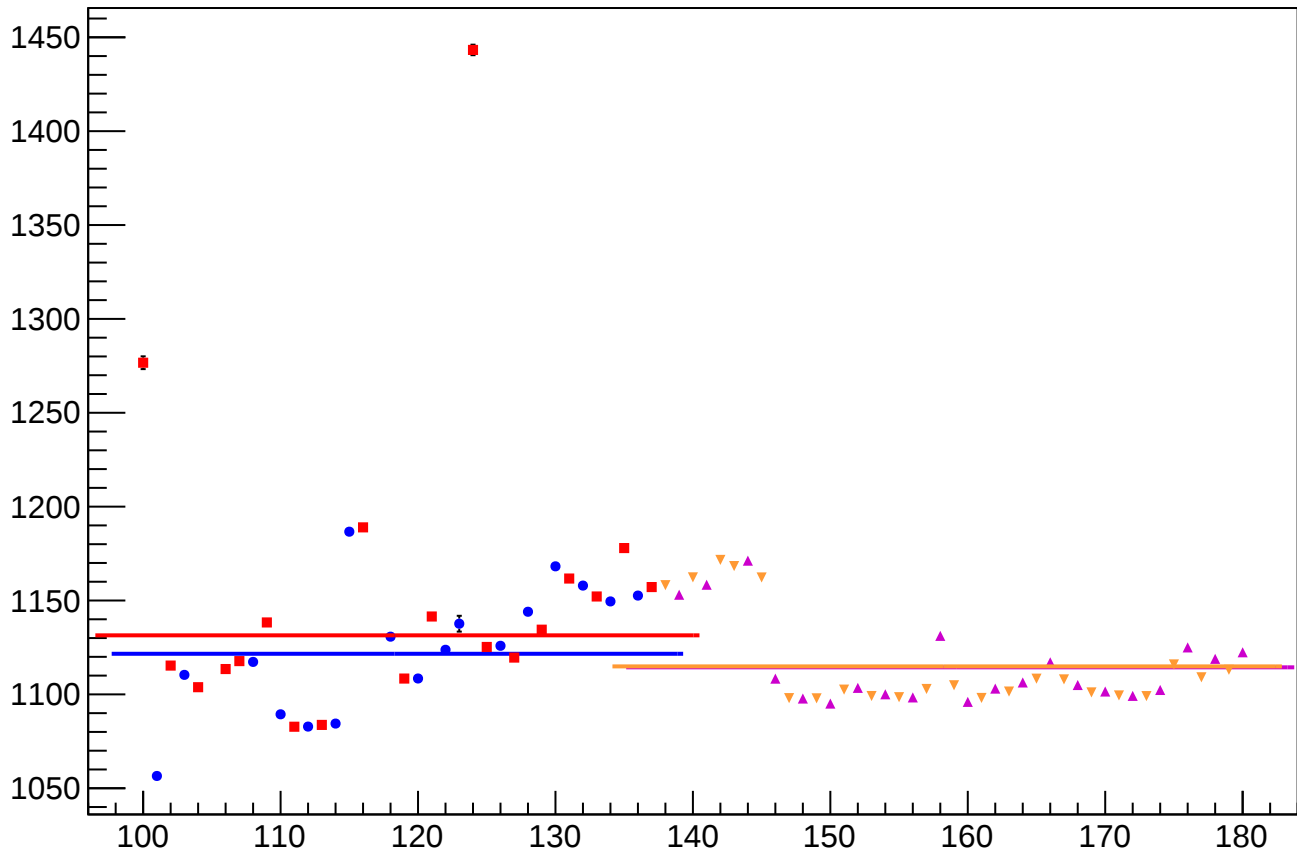
Right: 2422.596 $\pm$ 302.740 χ^2/NDF : 26.8/35

In: 2393.128 $\pm$ 231.173 χ^2/NDF :44.1/37

Out: 2107.003 $\pm$ 229.047 χ^2/NDF :27.8/40

All: 2248.743 $\pm$ 162.707 χ^2/NDF : 72.7/78

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1114.906 ± 0.192 $\chi^2/\text{NDF}: 16114.9/21$

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

Left In: 1114.407 ± 0.193 $\chi^2/\text{NDF}: 12135.0/20$

Left: 1114.657 ± 0.136 $\chi^2/\text{NDF}: 28253.2/42$

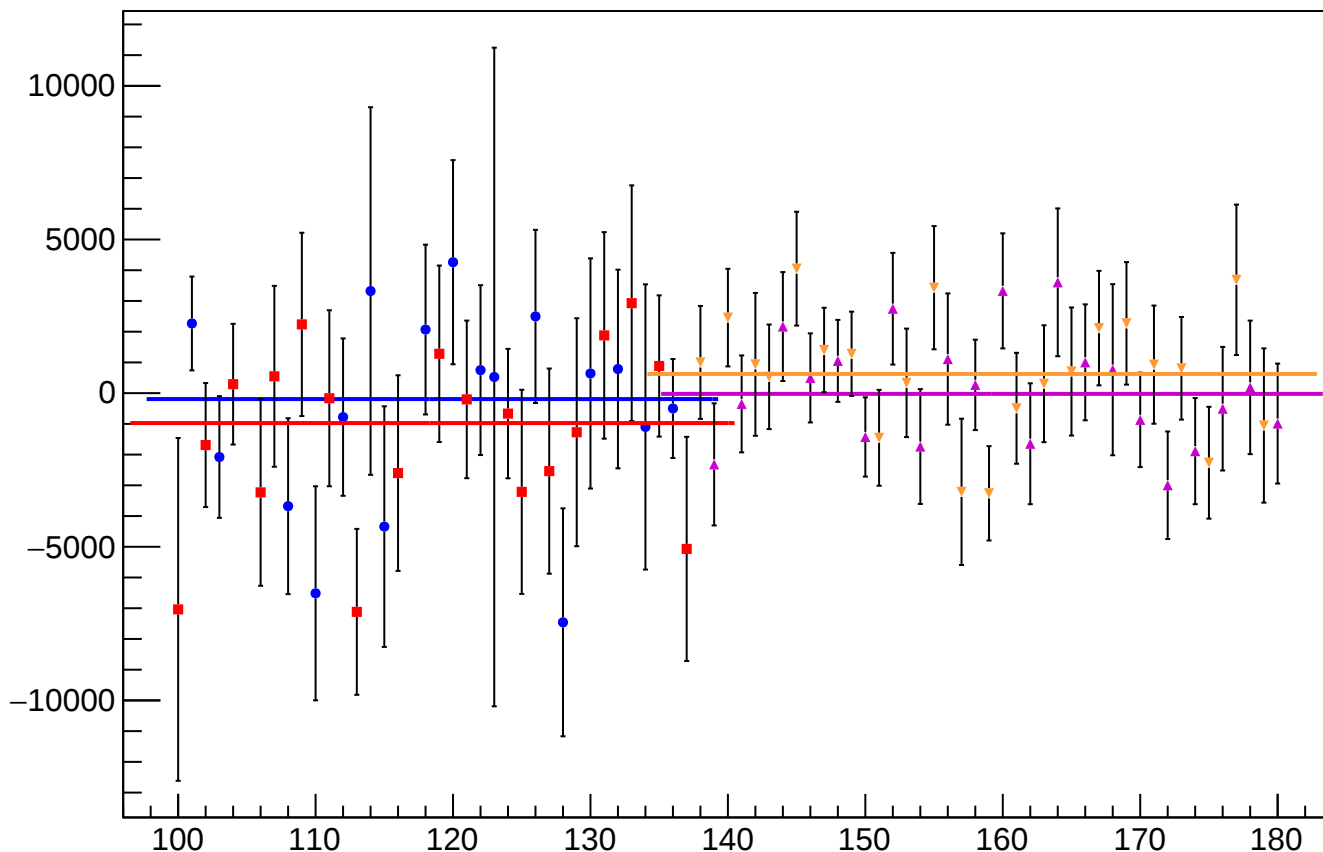
Right: 1126.640 ± 0.214 $\chi^2/\text{NDF}: 35618.4/35$

In: 1116.468 ± 0.163 $\chi^2/\text{NDF}: 24513.2/37$

Out: 1119.739 ± 0.162 $\chi^2/\text{NDF}: 41384.5/40$

All: 1118.119 ± 0.115 $\chi^2/\text{NDF}: 66099.8/78$

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 625.272 ± 384.408 χ^2/NDF : 24.4/21

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

Left In: -24.094 ± 383.075 χ^2/NDF : 19.6/20

Left: 299.462 ± 271.345 χ^2/NDF : 45.4/42

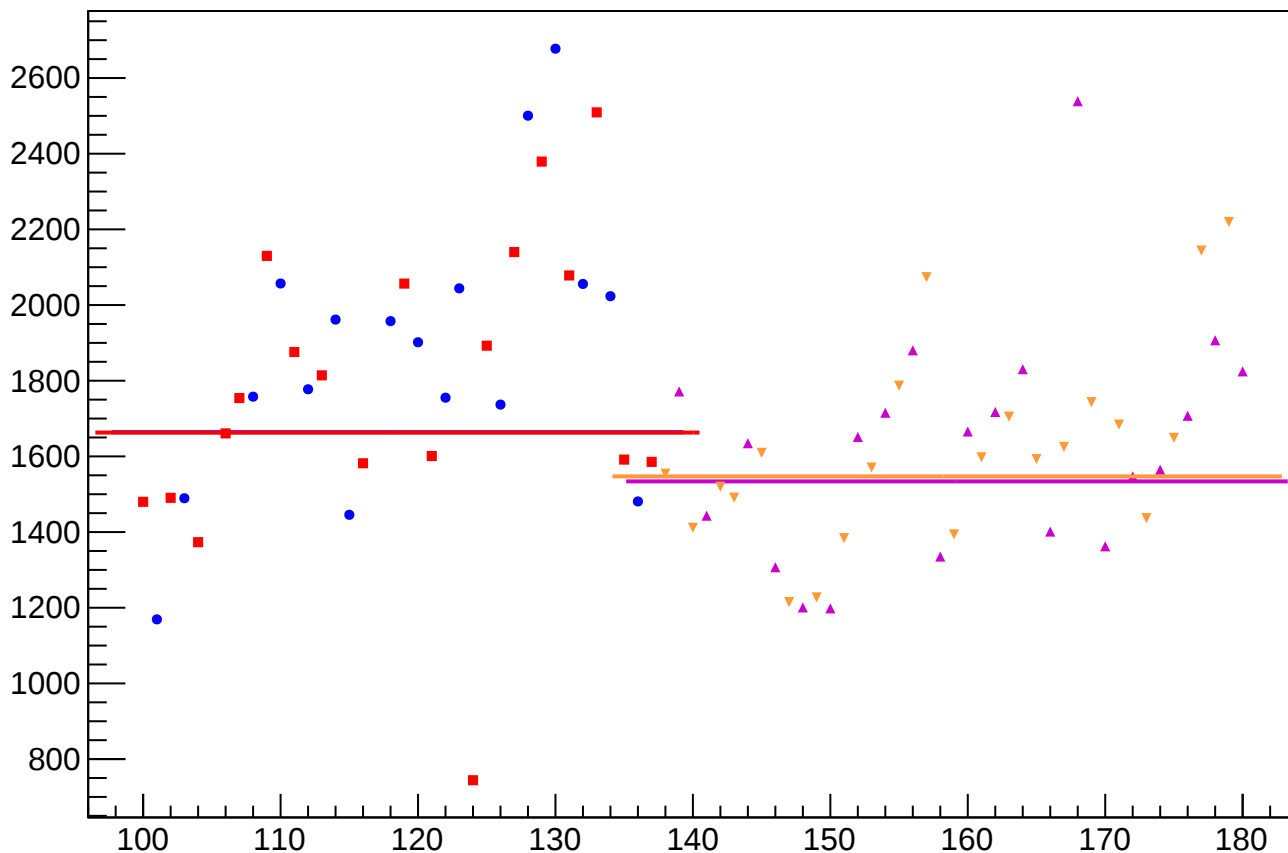
Right: -592.444 ± 461.436 χ^2/NDF : 32.4/35

In: -66.706 ± 331.357 χ^2/NDF : 37.0/37

Out: 206.345 ± 330.217 χ^2/NDF : 43.3/40

All: 70.290 ± 233.901 χ^2/NDF : 80.6/78

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1547.108 $\pm$ 0.272 χ^2 /NDF: 740369.1/21

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

Left In: 1533.912 $\pm$ 0.271 χ^2 /NDF: 939028.5/20

Left: 1540.487 $\pm$ 0.192 χ^2 /NDF: 1680580.1/42

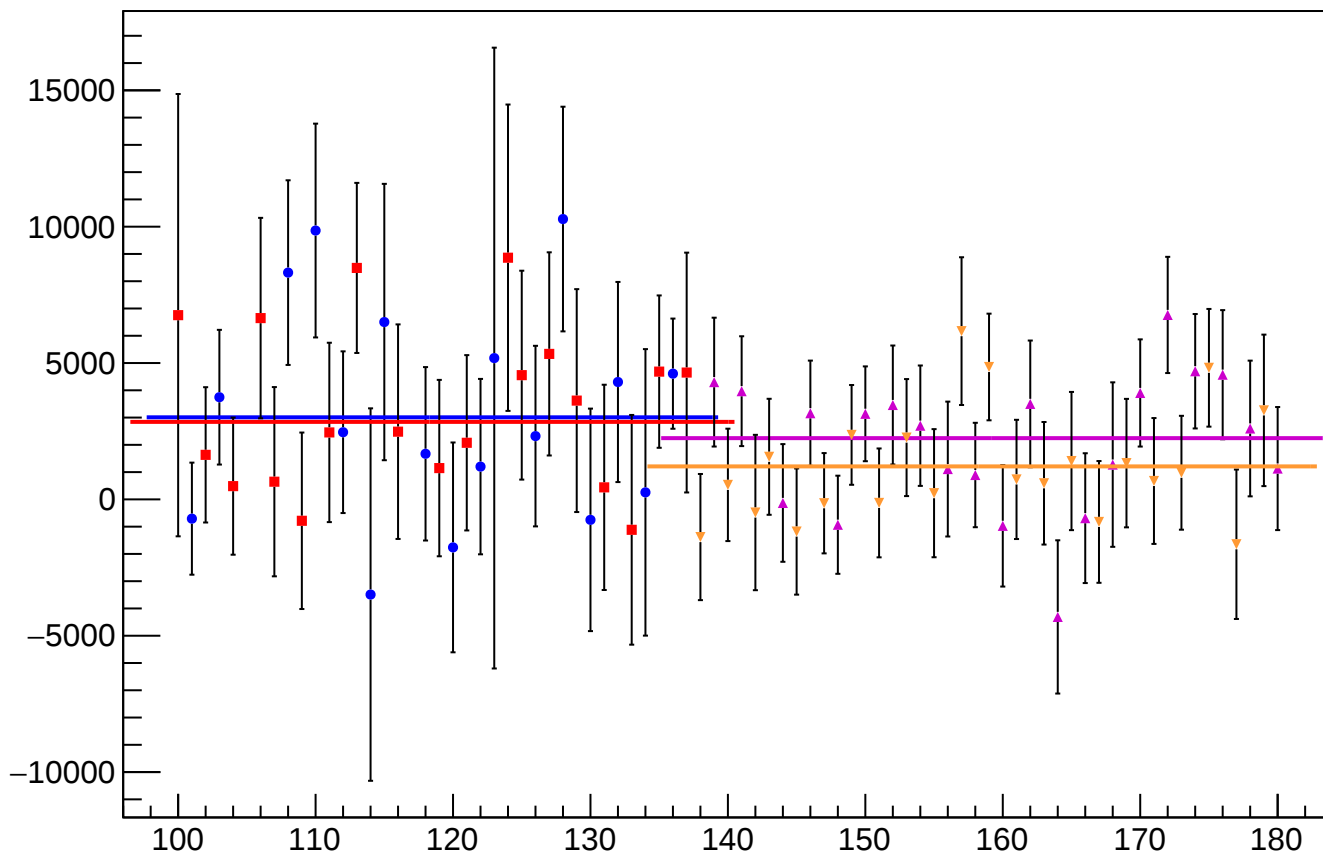
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1566.611 $\pm$ 0.234 χ^2 /NDF: 1619381.6/37

Out: 1577.476 $\pm$ 0.233 χ^2 /NDF: 1592971.4/40

All: 1572.062 $\pm$ 0.165 χ^2 /NDF: 3213431.8/78

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1209.423 $\pm$ 474.915 χ^2/NDF : 16.9/21

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

Left In: 2245.706 $\pm$ 474.411 χ^2/NDF : 24.6/20

Left: 1728.114 $\pm$ 335.637 χ^2/NDF : 43.9/42

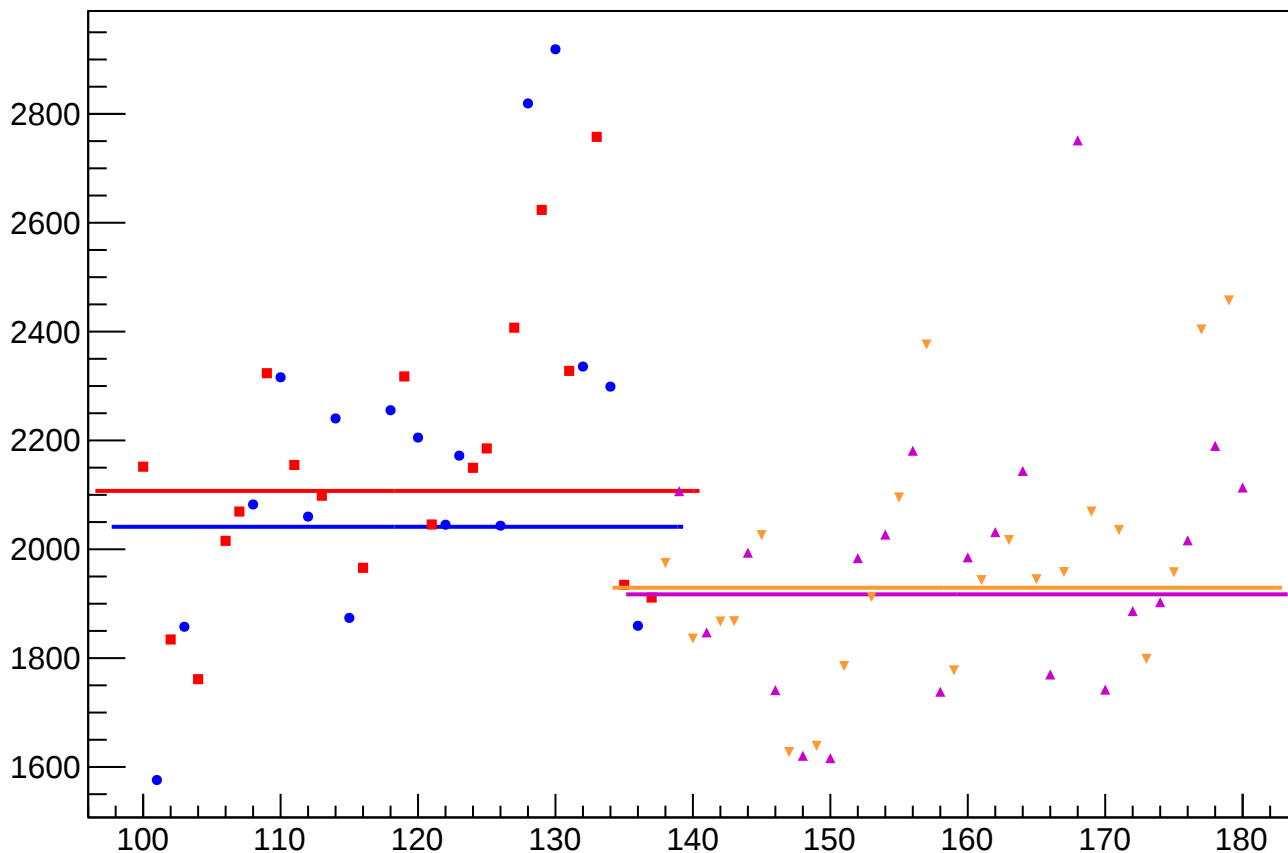
Right: 2925.191 $\pm$ 564.046 χ^2/NDF : 28.8/35

In: 2444.473 $\pm$ 408.010 χ^2/NDF : 42.7/37

Out: 1638.219 $\pm$ 407.806 χ^2/NDF : 31.5/40

All: 2041.144 $\pm$ 288.434 χ^2/NDF : 76.1/78

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1929.340 $\pm$ 0.336 χ^2 /NDF:357653.2/21

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

Left In: 1917.218 $\pm$ 0.335 χ^2 /NDF:435246.8/20

Left: 1923.272 $\pm$ 0.237 χ^2 /NDF: 793552.2/42

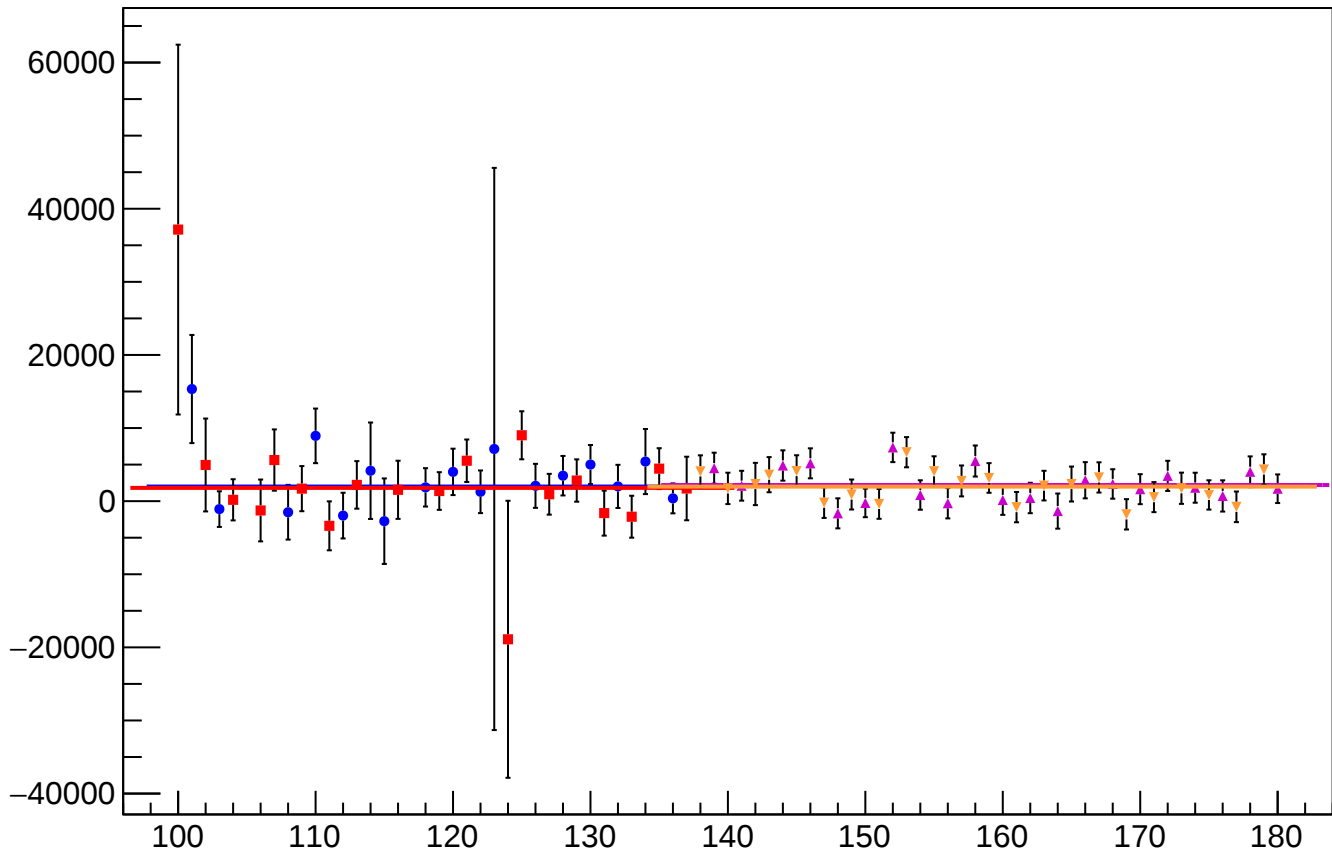
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1949.534 $\pm$ 0.289 χ^2 /NDF:809330.6/37

Out: 1976.075 $\pm$ 0.288 χ^2 /NDF:628175.0/40

All: 1962.811 $\pm$ 0.204 χ^2 /NDF: 1441739.1/78

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1987.669+/-453.630 χ^2/NDF : 21.2/21

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

Left In: 2205.108+/-454.160 χ^2/NDF : 26.7/20

Left: 2096.261+/-320.952 χ^2/NDF : 48.0/42

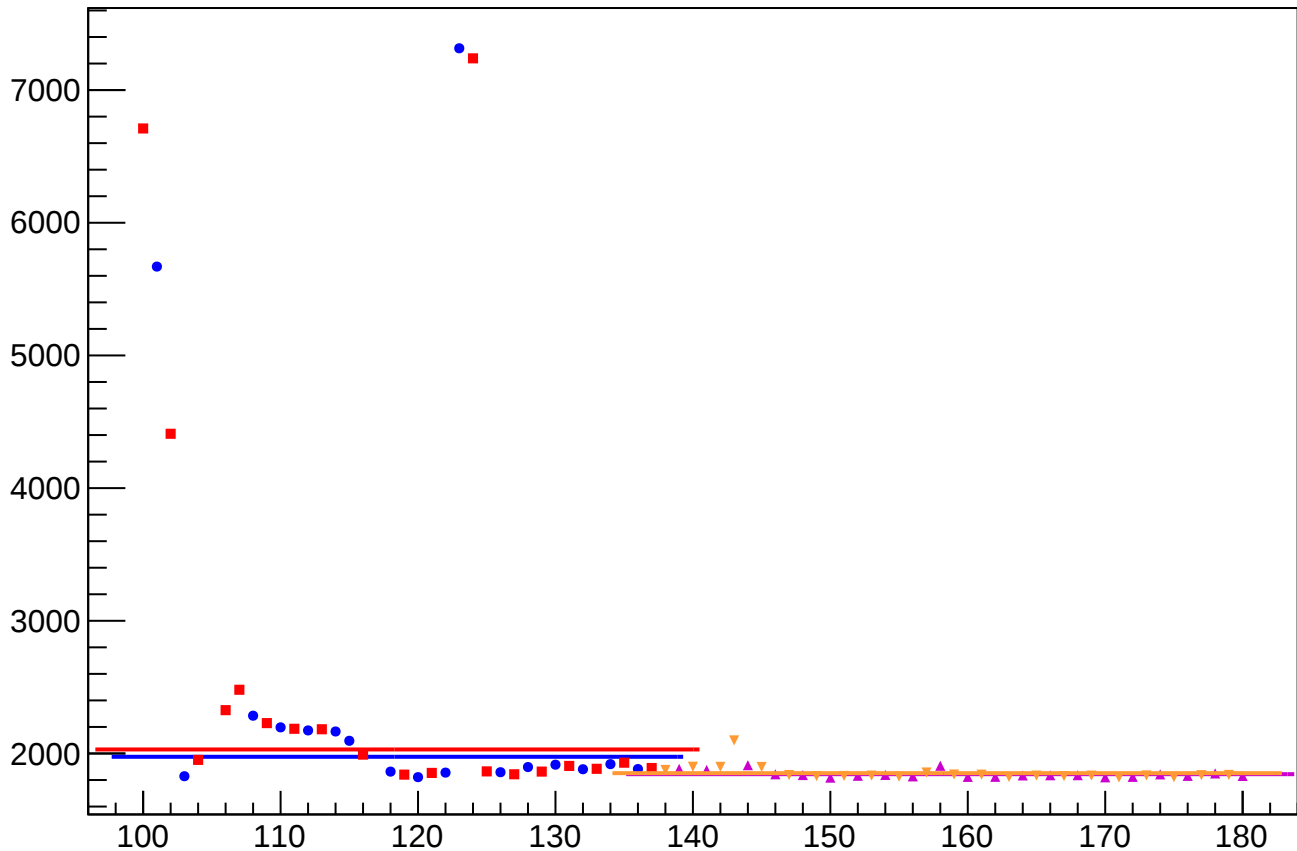
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2153.312+/-392.683 χ^2/NDF : 41.5/37

Out: 1944.296+/-392.321 χ^2/NDF : 39.5/40

All: 2048.707+/-277.541 χ^2/NDF : 81.2/78

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1851.756+/-0.321 χ^2/NDF : 27161.3/21

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

Left In: 1844.016+/-0.321 χ^2/NDF : 6782.6/20

Left: 1847.891+/-0.227 χ^2/NDF : 34234.8/42

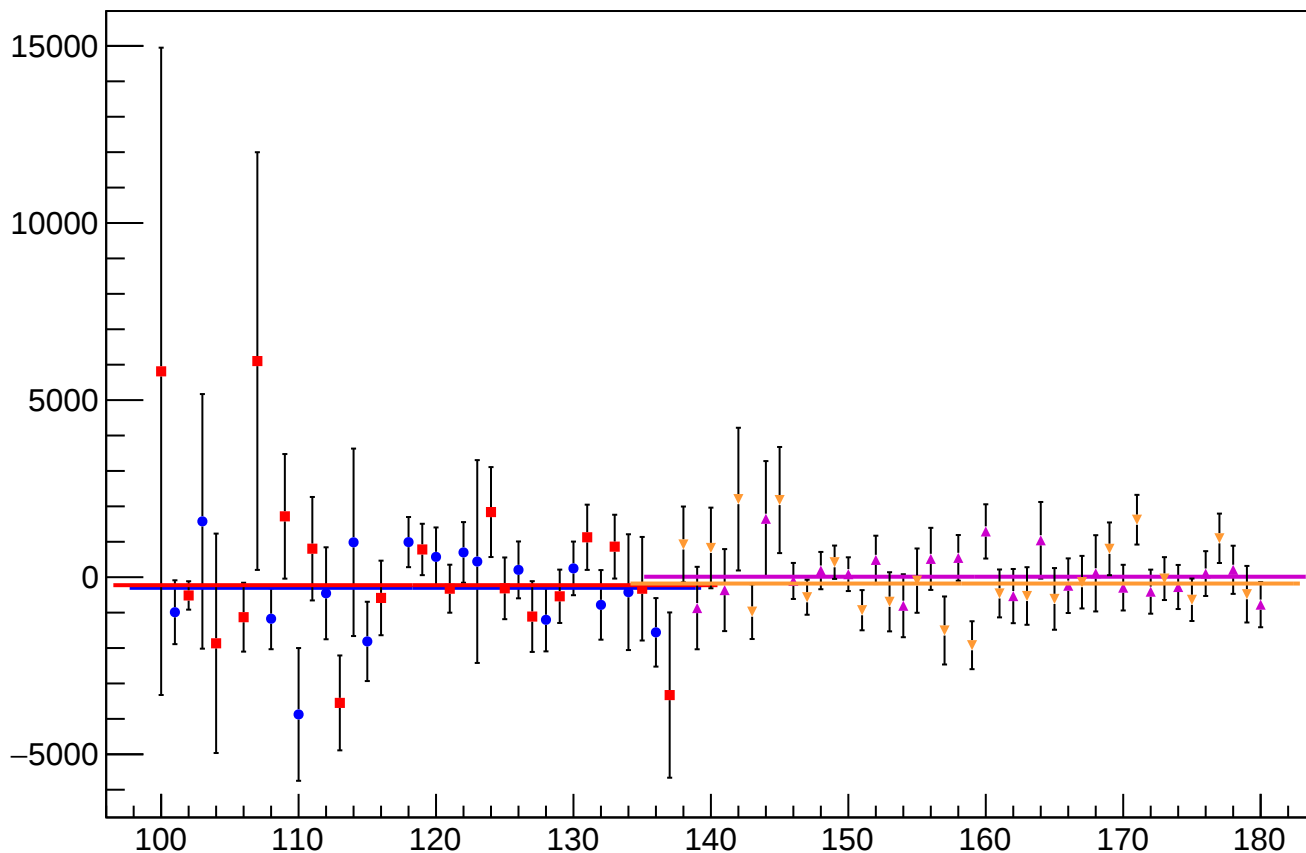
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1877.104+/-0.278 χ^2/NDF : 648674.8/37

Out: 1896.767+/-0.277 χ^2/NDF : 709209.5/40

All: 1886.945+/-0.196 χ^2/NDF : 1360393.9/78

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -179.303 $\pm$ 155.314 χ^2 /NDF:32.8/21

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

Left In: 13.282 $\pm$ 153.652 χ^2 /NDF:11.1/20

Left: -81.974 $\pm$ 109.231 χ^2 /NDF: 44.6/42

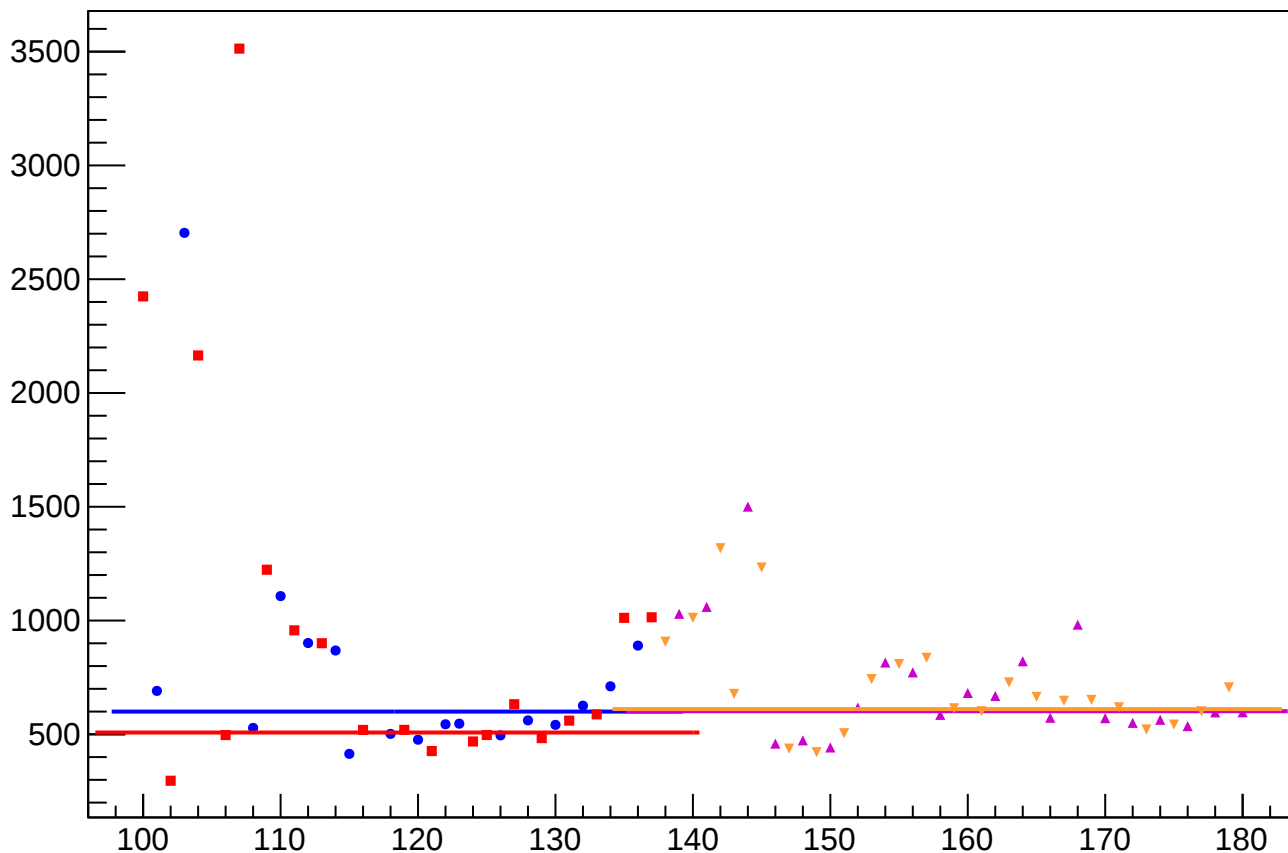
Right: -257.724 $\pm$ 162.302 χ^2 /NDF: 39.6/35

In: -74.320 $\pm$ 130.411 χ^2 /NDF:29.6/37

Out: -195.066 $\pm$ 126.013 χ^2 /NDF:55.0/40

All: -136.763 $\pm$ 90.620 χ^2 /NDF: 85.0/78

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 610.829 ± 0.110 χ^2/NDF : 2063101.4/21

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

Left In: 601.646 ± 0.109 χ^2/NDF : 2305125.5/20

Left: 606.188 ± 0.077 χ^2/NDF : 4371760.1/42

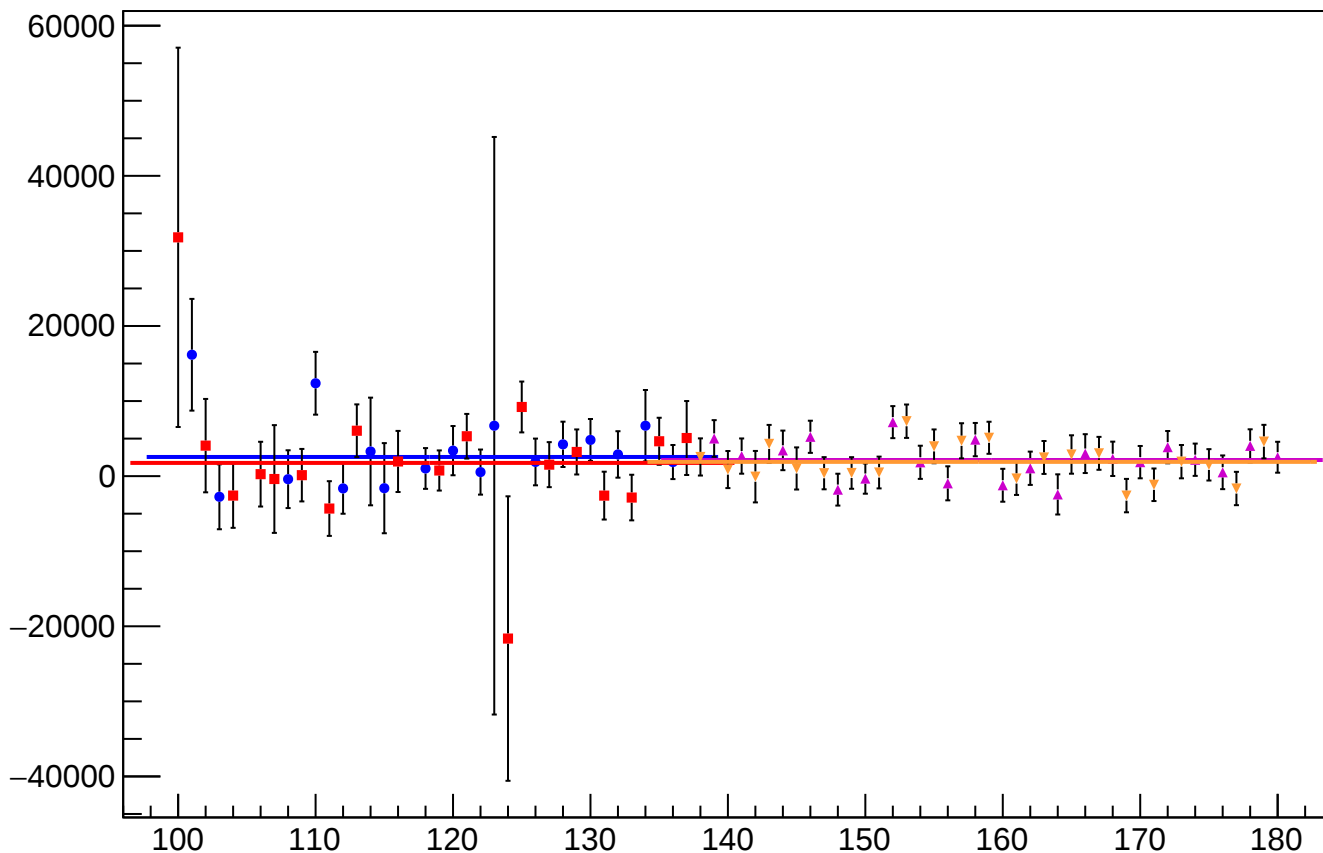
Right: 547.794 ± 0.115 χ^2/NDF : 4387752.6/35

In: 601.173 ± 0.092 χ^2/NDF : 3686242.8/37

Out: 575.670 ± 0.089 χ^2/NDF : 5211899.2/40

All: 587.984 ± 0.064 χ^2/NDF : 8937695.6/78

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597+/-858.906 χ^2/NDF : 15.7/16

Left Out: 1901.146+/-488.388 χ^2/NDF : 25.1/21

Right Out: 1761.499+/-854.672 χ^2/NDF : 20.9/18

Left In: 2147.996+/-489.014 χ^2/NDF : 25.3/20

Left: 2024.413+/-345.564 χ^2/NDF : 50.5/42

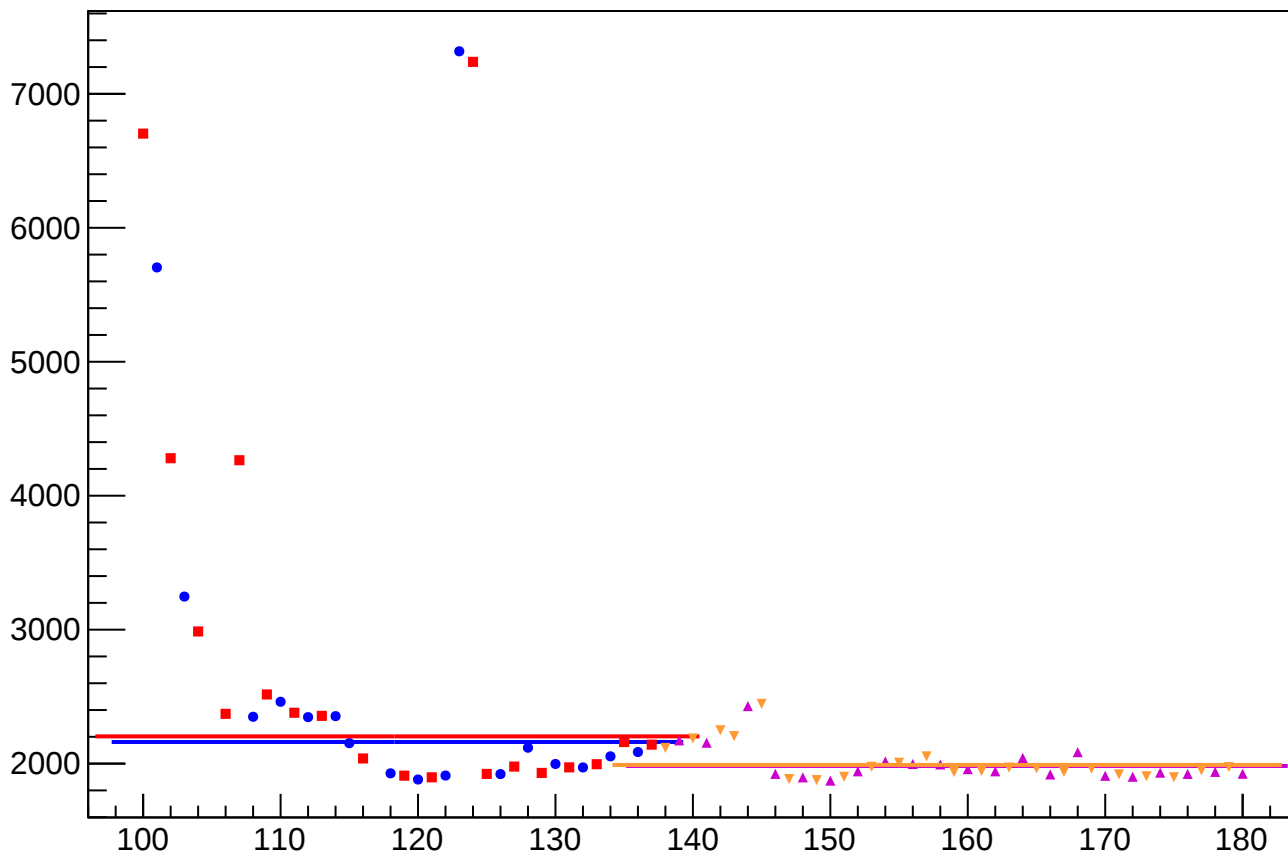
Right: 2155.591+/-605.836 χ^2/NDF : 37.1/35

In: 2247.288+/-424.964 χ^2/NDF : 41.2/37

Out: 1866.771+/-424.039 χ^2/NDF : 46.1/40

All: 2056.615+/-300.167 χ^2/NDF : 87.6/78

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1990.170 ± 0.345 χ^2/NDF : 126199.6/21

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

Left In: 1982.351 ± 0.346 χ^2/NDF : 109699.7/20

Left: 1986.265 ± 0.244 χ^2/NDF : 236155.2/42

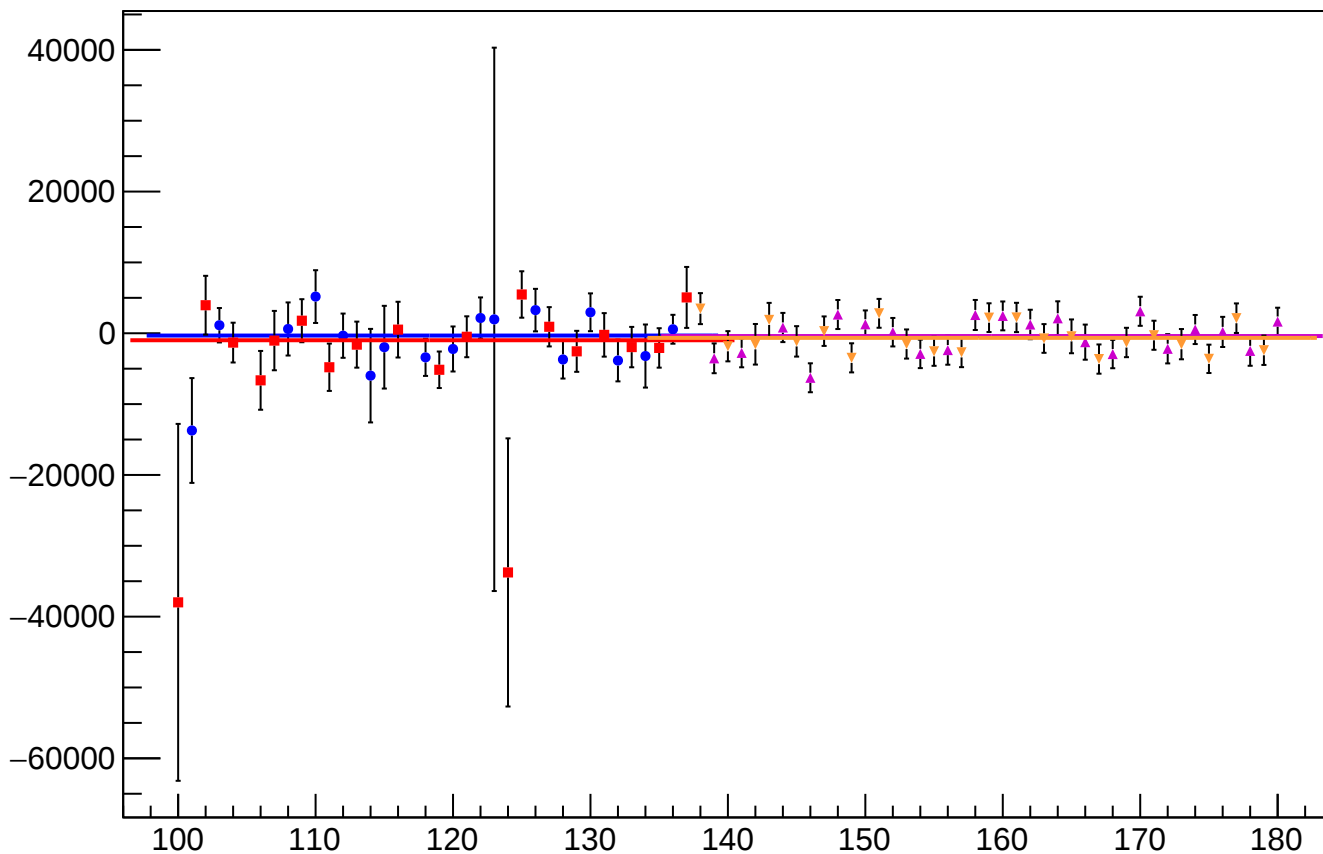
Right: 2182.484 ± 0.428 χ^2/NDF : 1511040.8/35

In: 2026.187 ± 0.300 χ^2/NDF : 886602.6/37

Out: 2042.644 ± 0.300 χ^2/NDF : 1017387.4/40

All: 2034.433 ± 0.212 χ^2/NDF : 1905492.9/78

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738 $\pm$ 779.509 χ^2 /NDF: 15.7/16

Left Out: -650.394 $\pm$ 452.411 χ^2 /NDF:23.1/21

Right Out: -985.900 $\pm$ 769.924 χ^2 /NDF: 20.4/18

Left In: -393.996 $\pm$ 453.166 χ^2 /NDF:31.1/20

Left: -522.408 $\pm$ 320.169 χ^2 /NDF: 54.4/42

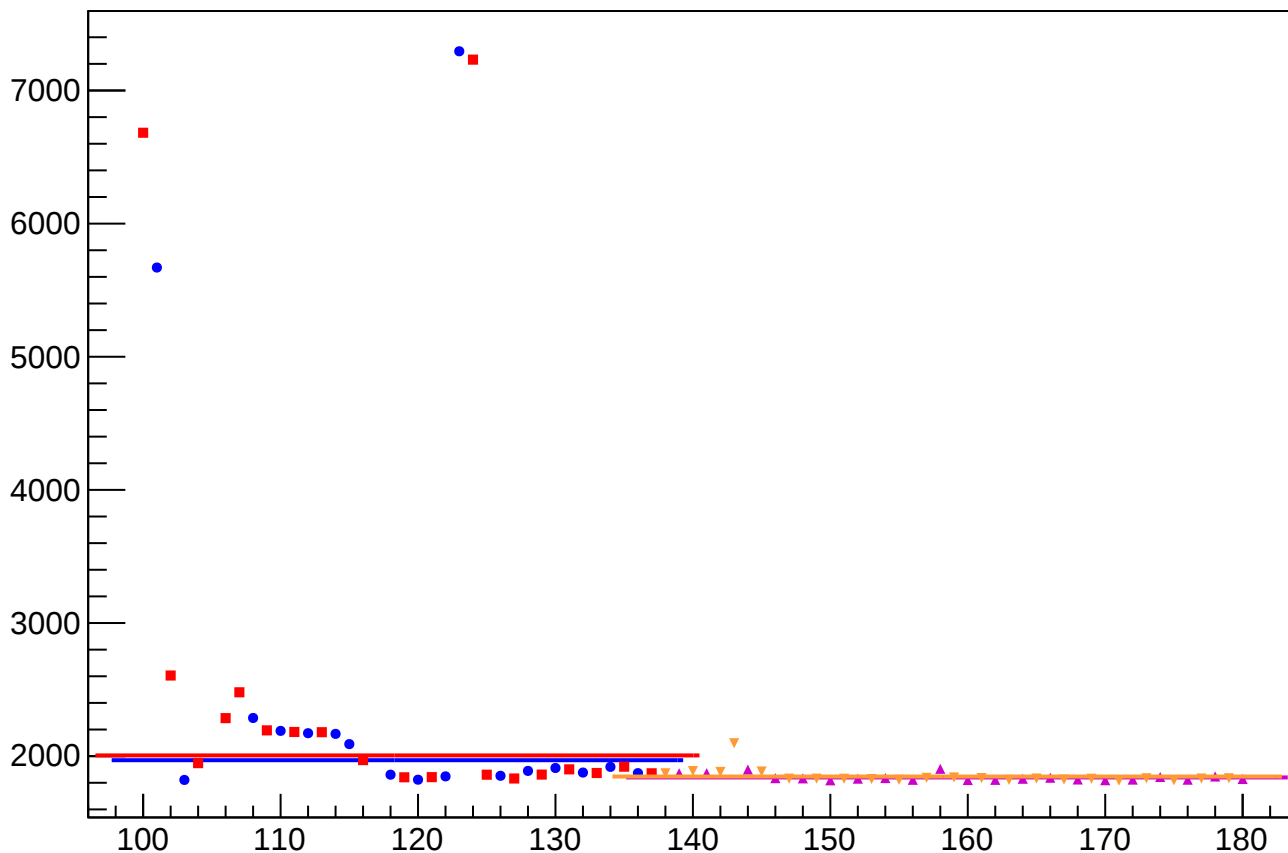
Right: -658.915 $\pm$ 547.776 χ^2 /NDF: 36.4/35

In: -376.249 $\pm$ 391.773 χ^2 /NDF:46.8/37

Out: -736.505 $\pm$ 390.056 χ^2 /NDF:43.6/40

All: -557.168 $\pm$ 276.416 χ^2 /NDF: 90.9/78

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1846.854+/-0.320 χ^2/NDF : 26362.5/21

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

Left In: 1840.016+/-0.320 χ^2/NDF : 5974.5/20

Left: 1843.441+/-0.226 χ^2/NDF : 32565.0/42

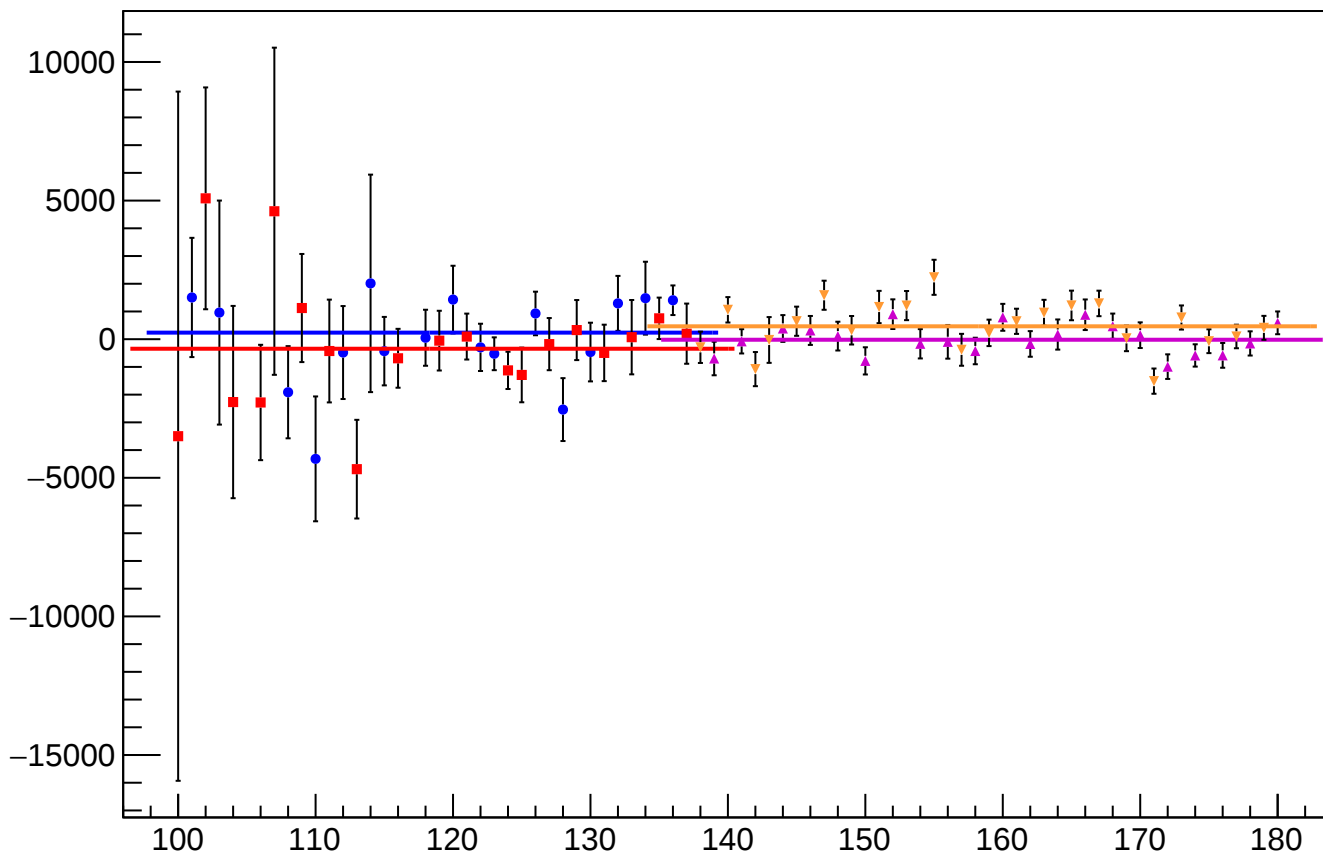
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1872.722+/-0.277 χ^2/NDF : 650026.4/37

Out: 1887.585+/-0.276 χ^2/NDF : 449170.4/40

All: 1880.186+/-0.195 χ^2/NDF : 1100642.4/78

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 464.796 $\pm$ 106.416 χ^2 /NDF:57.7/21

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

Left In: -19.787 $\pm$ 105.175 χ^2 /NDF:26.2/20

Left: 219.662 $\pm$ 74.805 χ^2 /NDF: 94.4/42

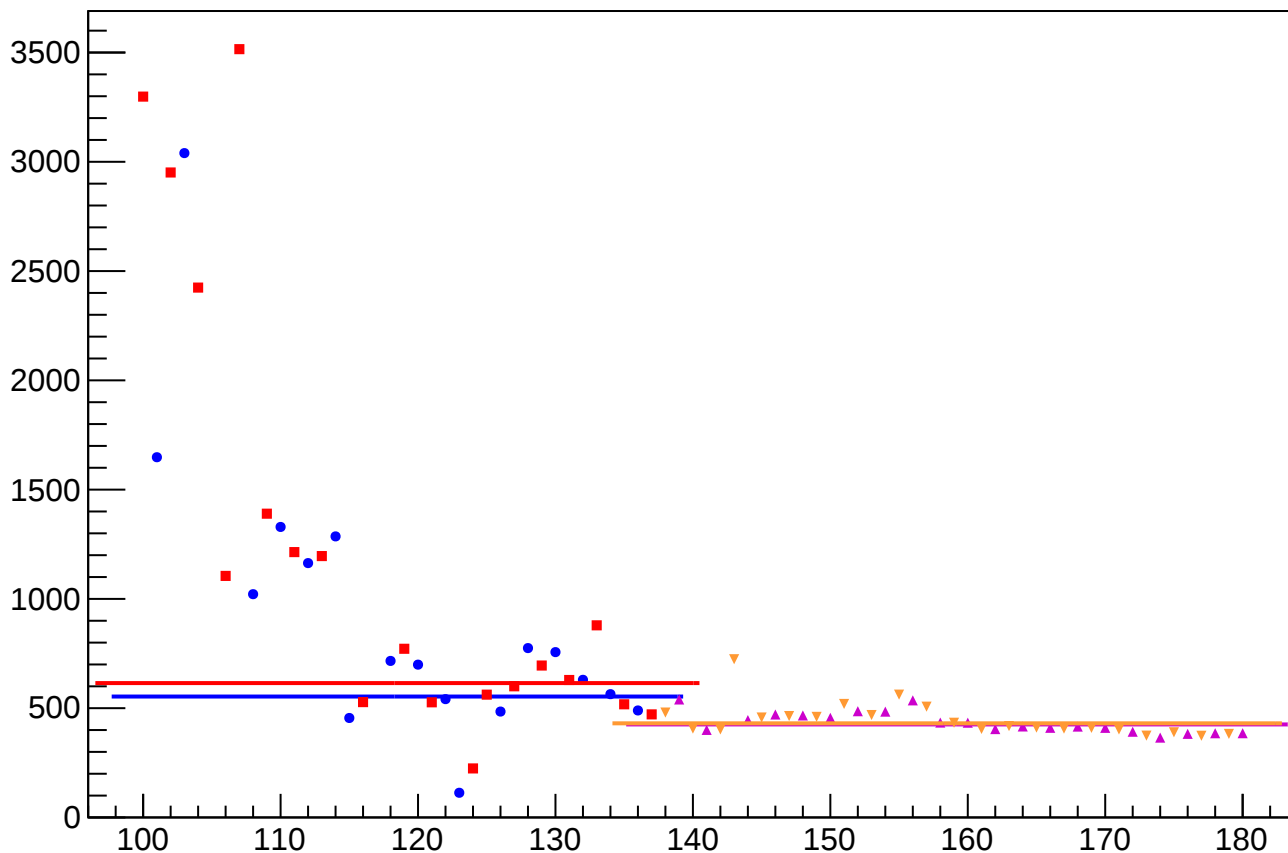
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 19.175 $\pm$ 96.863 χ^2 /NDF:51.0/37

Out: 354.972 $\pm$ 98.930 χ^2 /NDF:81.5/40

All: 183.529 $\pm$ 69.212 χ^2 /NDF: 138.4/78

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 430.701 $\pm$ 0.075 χ^2 /NDF: 615762.2/21

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

Left In: 425.593 $\pm$ 0.074 χ^2 /NDF: 353724.8/20

Left: 428.117 $\pm$ 0.053 χ^2 /NDF: 971817.7/42

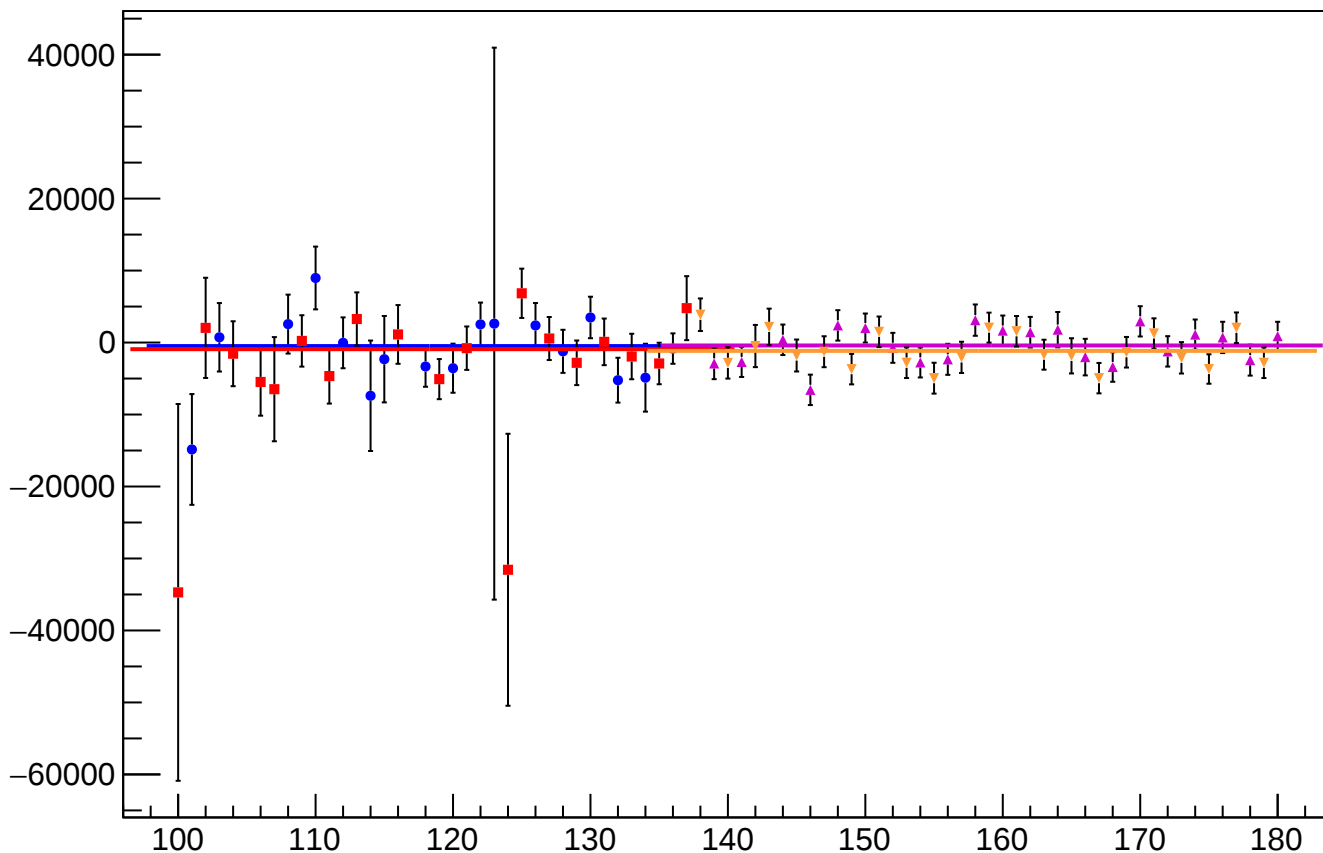
Right: 581.688 $\pm$ 0.129 χ^2 /NDF: 7038937.4/35

In: 444.977 $\pm$ 0.068 χ^2 /NDF: 4213978.9/37

Out: 455.694 $\pm$ 0.070 χ^2 /NDF: 4998150.5/40

All: 450.223 $\pm$ 0.049 χ^2 /NDF: 9224113.0/78

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1153.508+/-465.836 χ^2/NDF : 27.6/21

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

Left In: -407.293+/-465.830 χ^2/NDF : 28.9/20

Left: -780.396+/-329.394 χ^2/NDF : 57.8/42

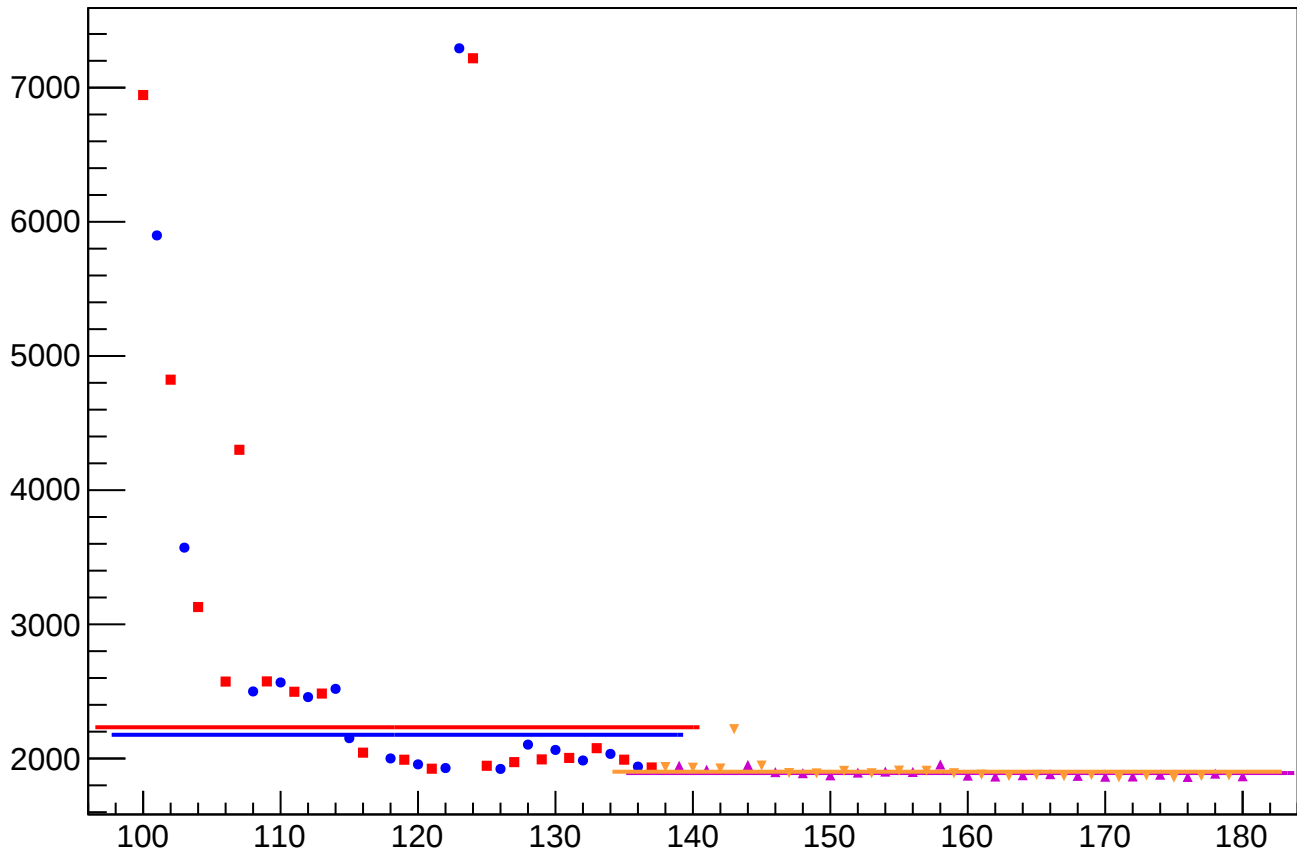
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -426.222+/-410.455 χ^2/NDF : 47.5/37

Out: -1101.780+/-410.531 χ^2/NDF : 46.6/40

All: -763.939+/-290.262 χ^2/NDF : 95.4/78

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1901.514+/-0.329 χ^2/NDF : 37795.6/21

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

Left In: 1891.571+/-0.329 χ^2/NDF : 7225.5/20

Left: 1896.542+/-0.233 χ^2/NDF : 45476.8/42

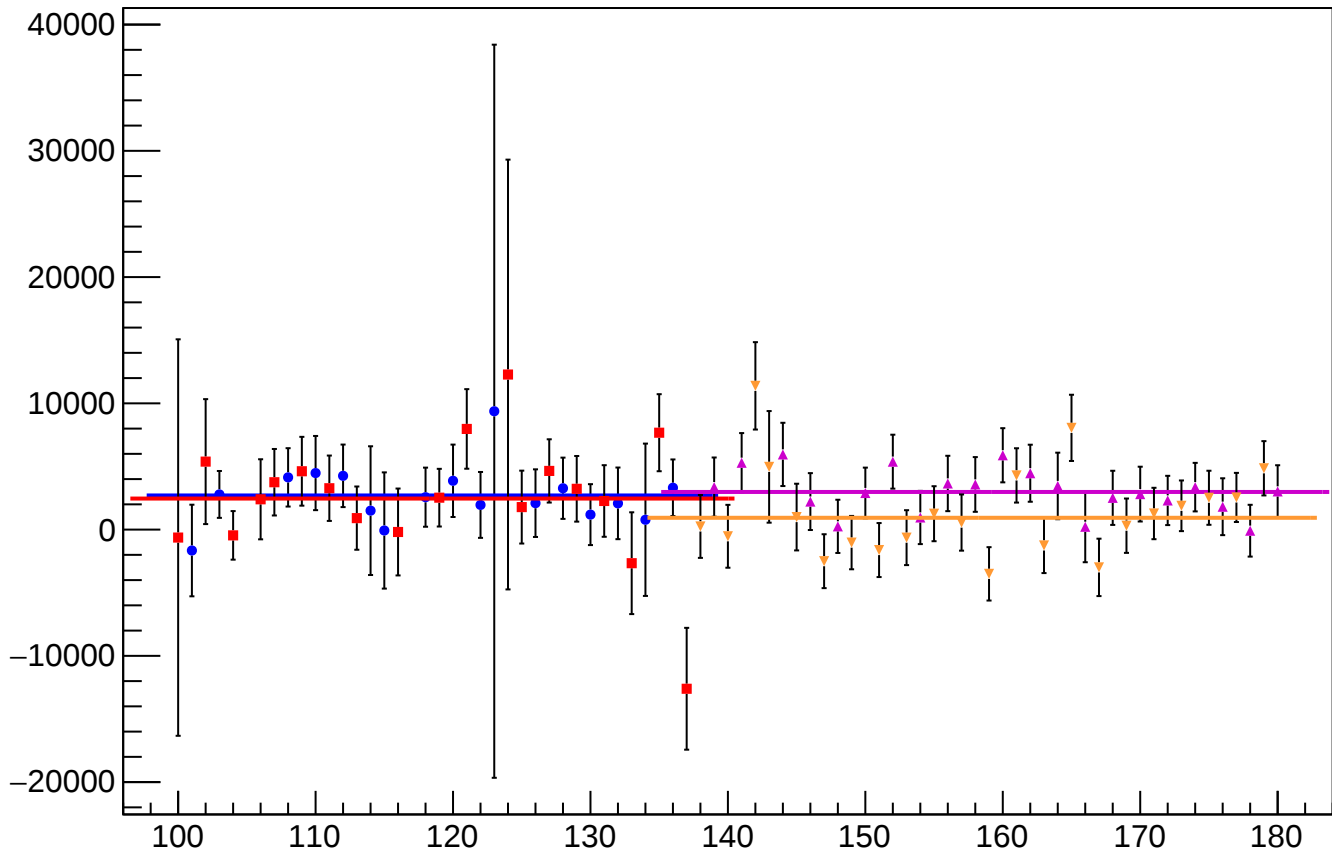
Right: 2204.793+/-0.434 χ^2/NDF : 1697410.2/35

In: 1955.341+/-0.290 χ^2/NDF : 977514.9/37

Out: 1975.527+/-0.290 χ^2/NDF : 1154385.0/40

All: 1965.432+/-0.205 χ^2/NDF : 2134318.0/78

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 935.177 $\pm$ 483.434 χ^2/NDF : 38.9/21

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

Left In: 2980.994 $\pm$ 478.227 χ^2/NDF : 12.5/20

Left: 1969.162 $\pm$ 339.984 χ^2/NDF : 60.5/42

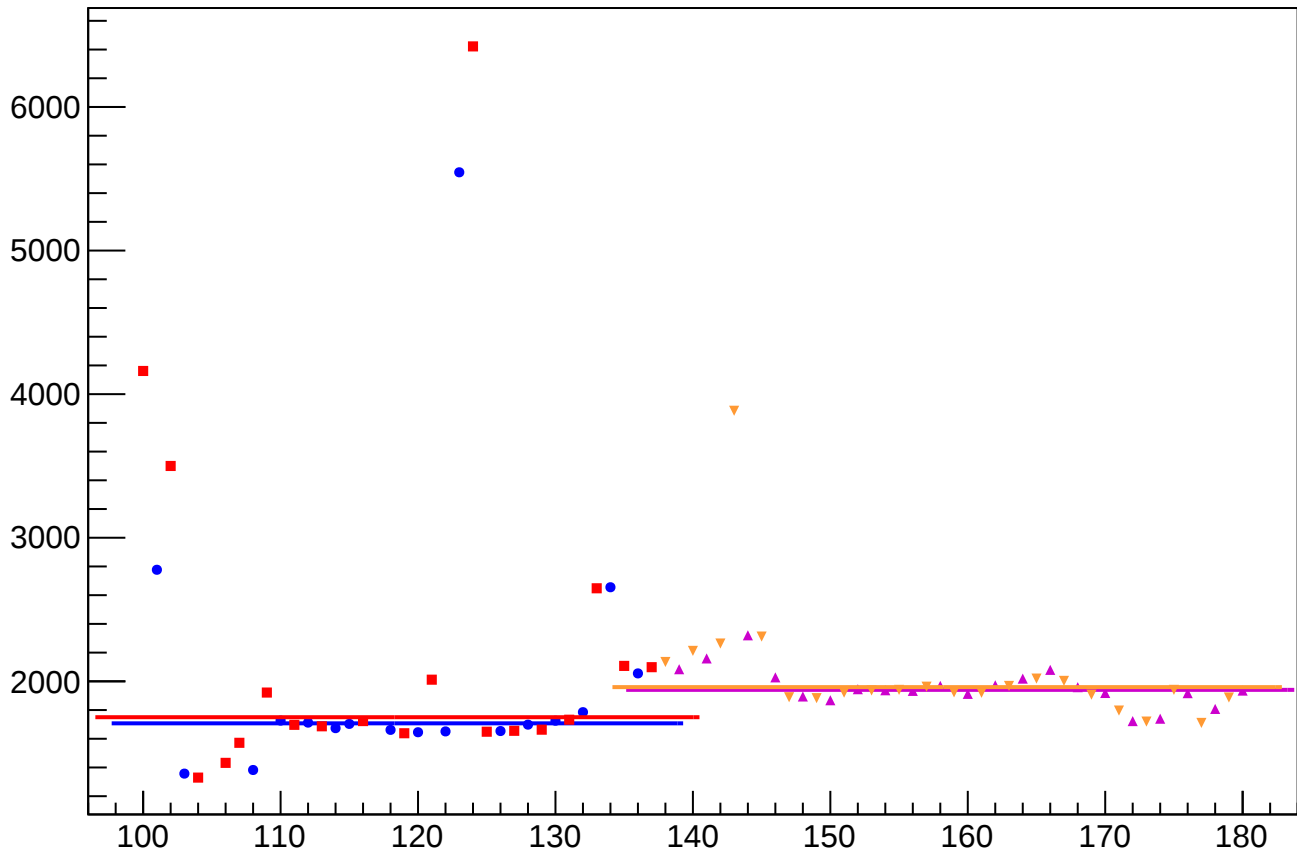
Right: 2582.696 $\pm$ 479.575 χ^2/NDF : 27.3/35

In: 2888.057 $\pm$ 390.004 χ^2/NDF : 16.7/37

Out: 1444.069 $\pm$ 394.520 χ^2/NDF : 65.5/40

All: 2174.375 $\pm$ 277.357 χ^2/NDF : 88.9/78

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 $\pm$ 0.477 χ^2/NDF : 422166.4/16

Left Out: 1959.620 $\pm$ 0.342 χ^2/NDF : 547358.7/21

Right Out: 1750.114 $\pm$ 0.483 χ^2/NDF : 746498.0/18

Left In: 1940.554 $\pm$ 0.338 χ^2/NDF : 140848.0/20

Left: 1949.983 $\pm$ 0.240 χ^2/NDF : 689778.9/42

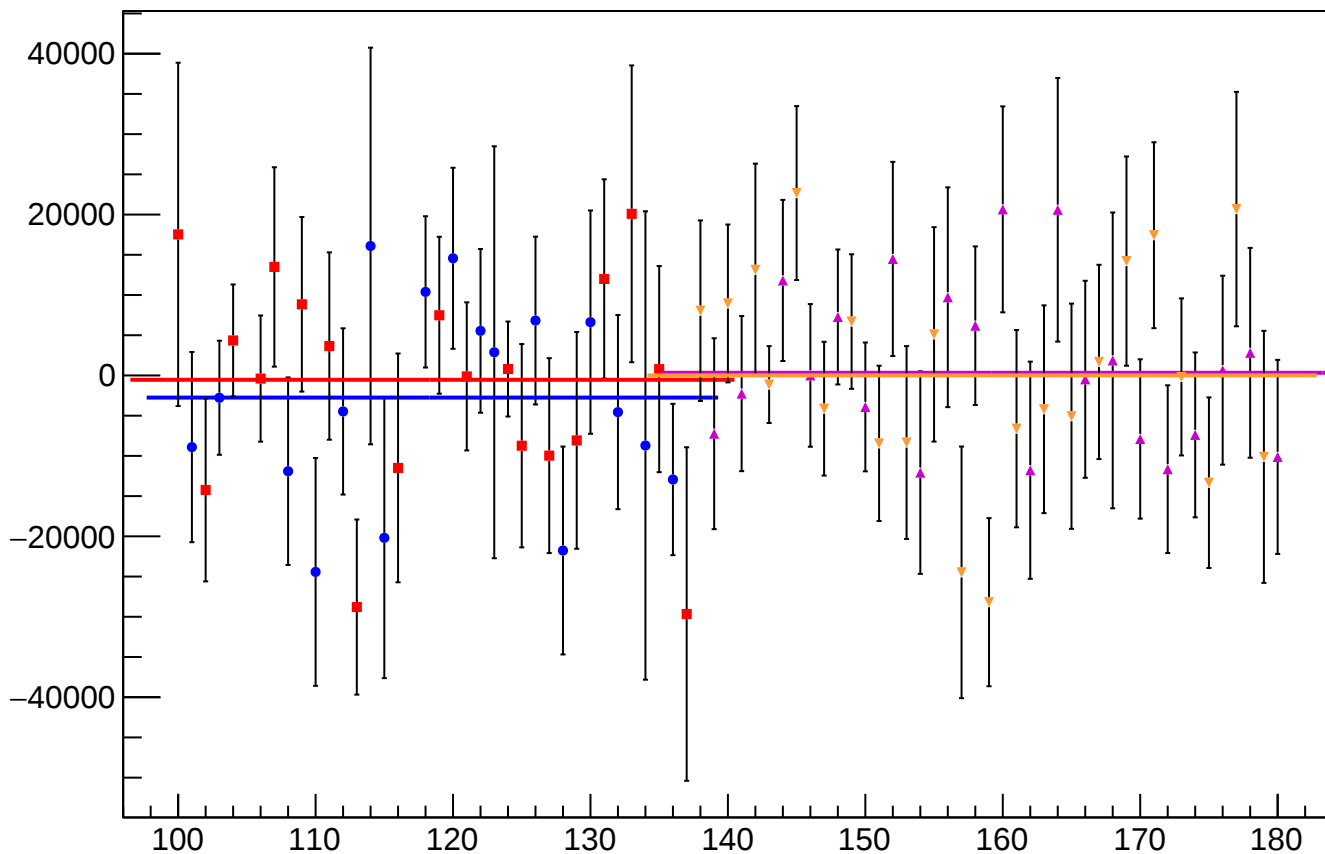
Right: 1728.481 $\pm$ 0.339 χ^2/NDF : 1172634.0/35

In: 1862.460 $\pm$ 0.276 χ^2/NDF : 722252.8/37

Out: 1889.616 $\pm$ 0.279 χ^2/NDF : 1419364.5/40

All: 1875.883 $\pm$ 0.196 χ^2/NDF : 2146410.4/78

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 6.749 ± 2193.238 χ^2/NDF : 26.8/21

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

Left In: 332.248 ± 2404.177 χ^2/NDF : 14.2/20

Left: 154.595 ± 1620.305 χ^2/NDF : 41.0/42

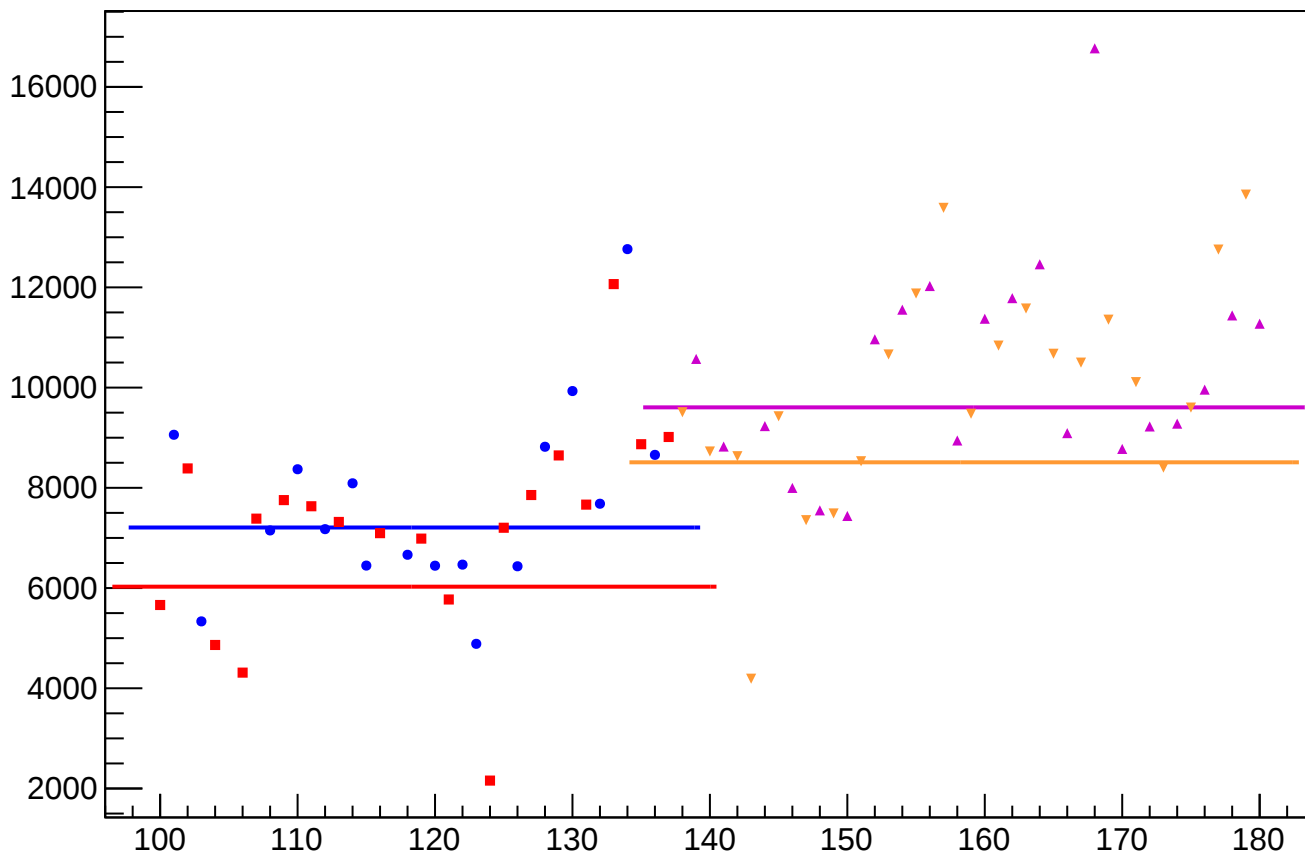
Right: -1470.363 ± 1844.820 χ^2/NDF : 33.4/35

In: -953.516 ± 1835.612 χ^2/NDF : 29.4/37

Out: -238.559 ± 1626.628 χ^2/NDF : 45.3/40

All: -553.039 ± 1217.411 χ^2/NDF : 74.8/78

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8509.106+/-1.551 χ^2/NDF : 2997192.6/21

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

Left In: 9605.700+/-1.700 χ^2/NDF : 1062972.5/20

Left: 9007.195+/-1.146 χ^2/NDF : 4287261.9/42

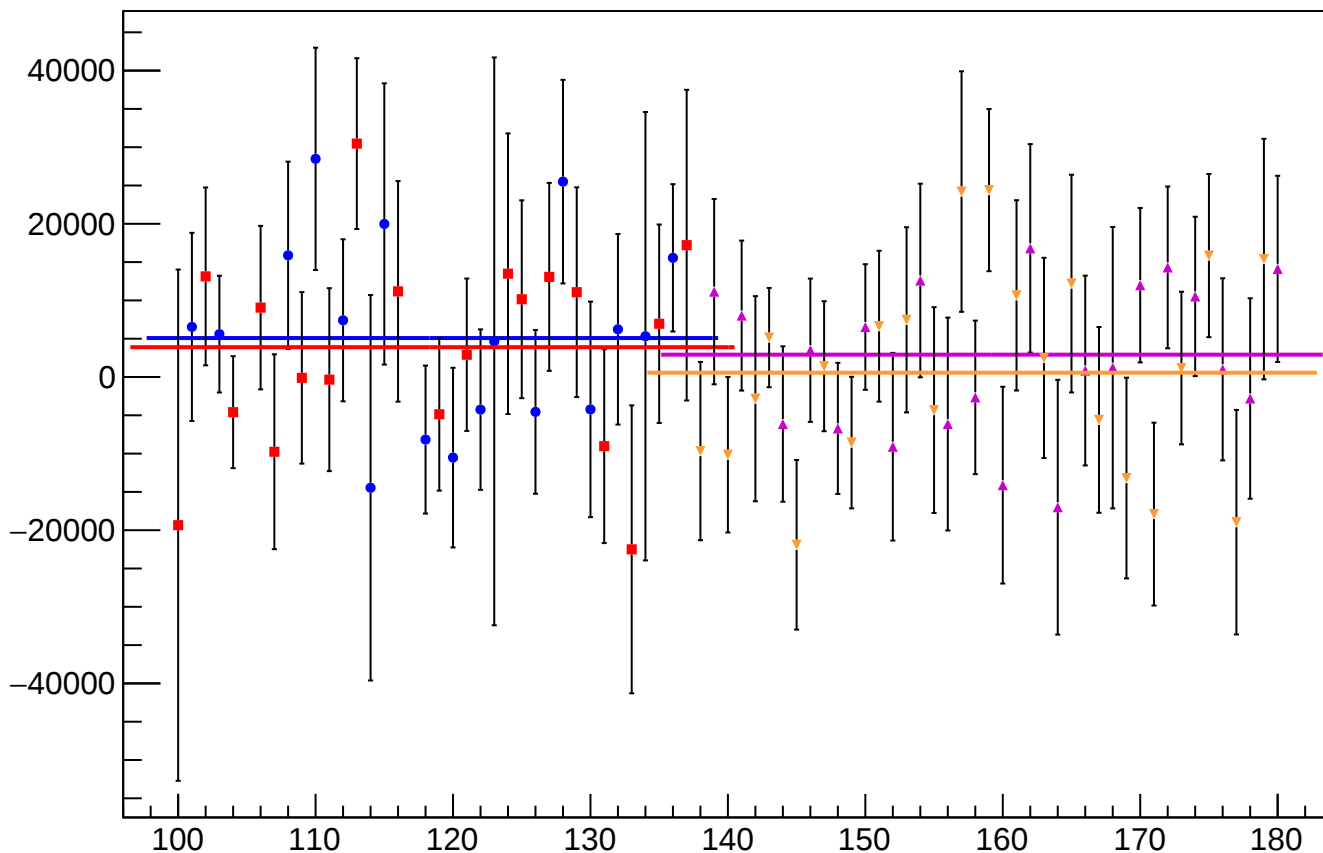
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8605.876+/-1.298 χ^2/NDF : 2386101.6/37

Out: 7392.475+/-1.150 χ^2/NDF : 5947521.3/40

All: 7926.199+/-0.861 χ^2/NDF : 8823147.8/78

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 561.461+/-2341.893 χ^2/NDF : 25.7/21

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

Left In: 2917.164+/-2444.965 χ^2/NDF : 13.1/20

Left: 1688.612+/-1691.233 χ^2/NDF : 39.3/42

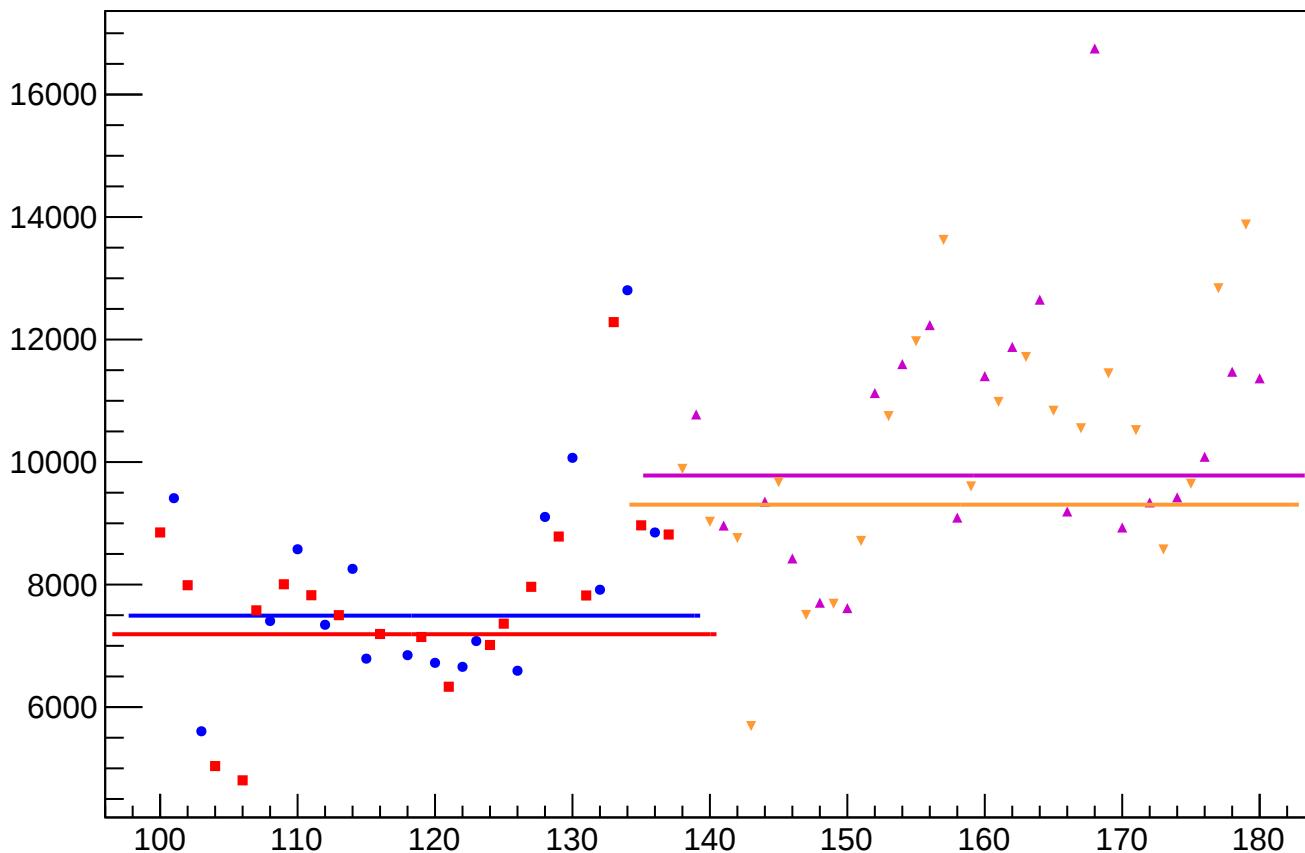
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3797.899+/-1883.824 χ^2/NDF : 27.4/37

Out: 1937.961+/-1793.811 χ^2/NDF : 42.2/40

All: 2822.434+/-1299.072 χ^2/NDF : 70.1/78

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9304.487+/-1.656 χ^2/NDF : 1585158.8/21

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

Left In: 9780.342+/-1.729 χ^2/NDF : 987972.3/20

Left: 9532.173+/-1.196 χ^2/NDF : 2612641.0/42

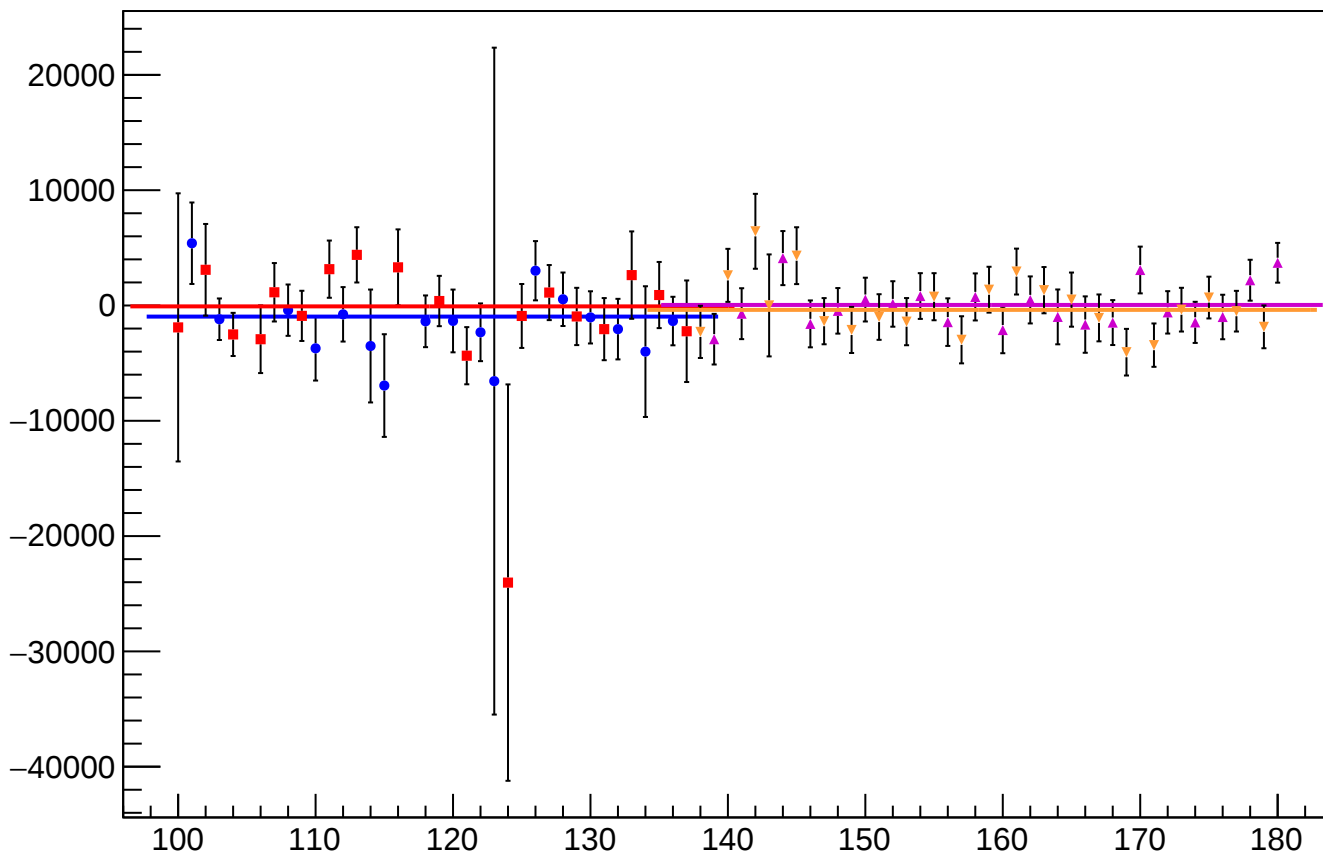
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8850.833+/-1.332 χ^2/NDF : 2136408.8/37

Out: 8430.242+/-1.268 χ^2/NDF : 2820325.6/40

All: 8630.241+/-0.919 χ^2/NDF : 5009023.3/78

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -379.345 $\pm$ 444.217 χ^2/NDF : 25.2/21

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

Left In: 48.294 $\pm$ 437.405 χ^2/NDF : 18.4/20

Left: -162.222 $\pm$ 311.673 χ^2/NDF : 44.0/42

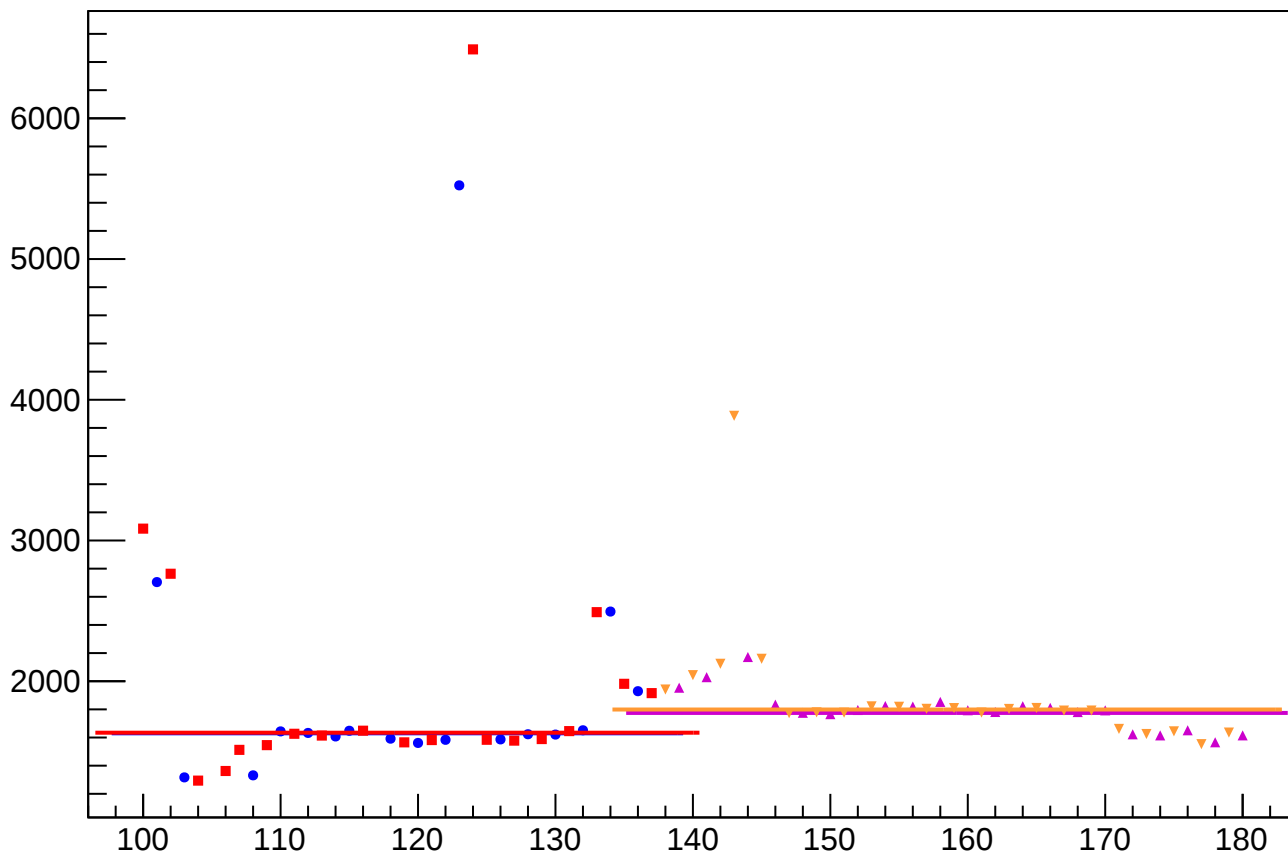
Right: -513.024 $\pm$ 451.276 χ^2/NDF : 27.8/35

In: -271.473 $\pm$ 361.663 χ^2/NDF : 30.1/37

Out: -279.599 $\pm$ 363.707 χ^2/NDF : 42.1/40

All: -275.513 $\pm$ 256.454 χ^2/NDF : 72.2/78

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1798.991+/-0.314 χ^2/NDF : 637051.4/21

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

Left In: 1774.745+/-0.309 χ^2/NDF : 188585.4/20

Left: 1786.681+/-0.220 χ^2/NDF : 828662.0/42

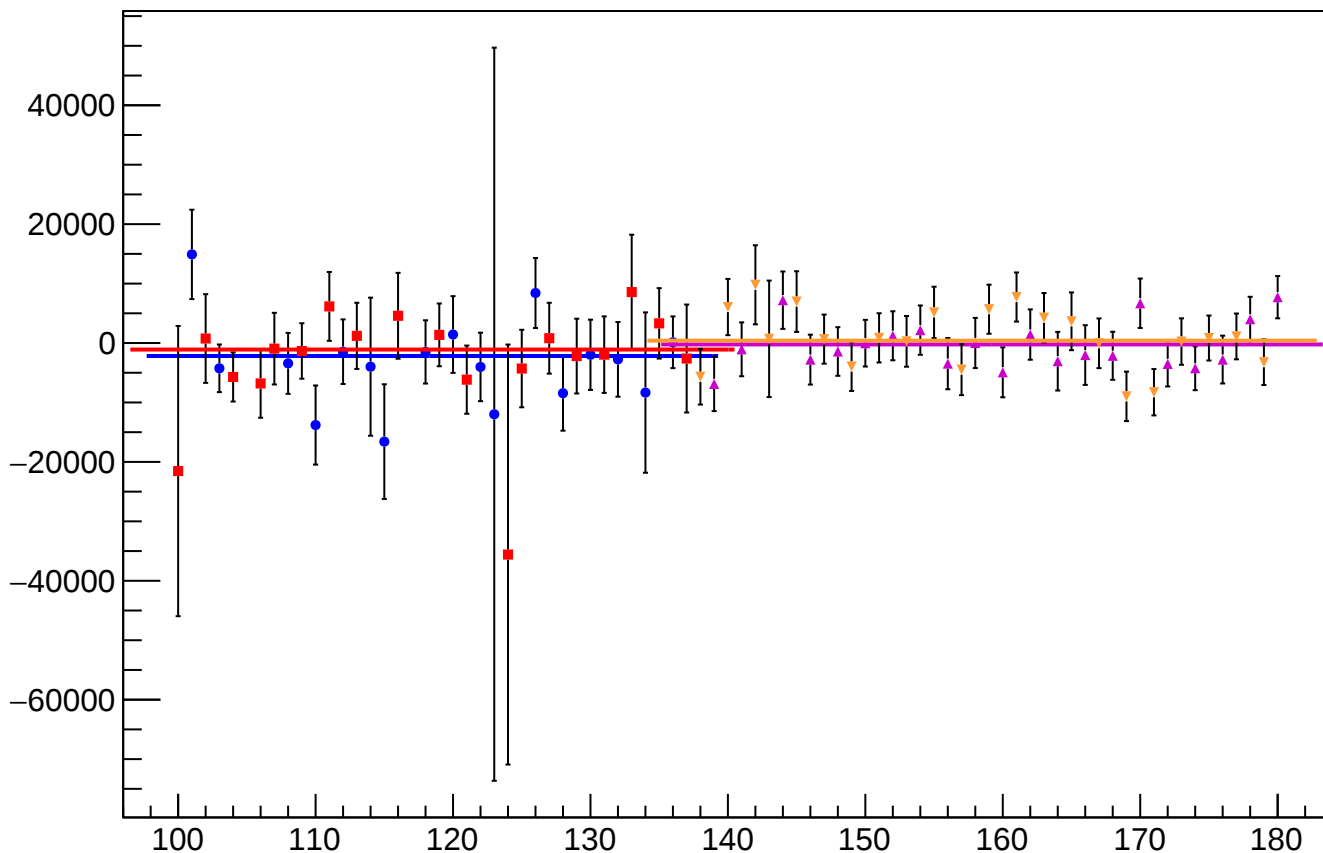
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1728.942+/-0.256 χ^2/NDF : 666063.7/37

Out: 1744.689+/-0.257 χ^2/NDF : 1316365.3/40

All: 1736.771+/-0.181 χ^2/NDF : 1984314.2/78

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 401.093+/-924.693 χ^2/NDF : 27.5/21

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

Left In: -238.406+/-907.649 χ^2/NDF : 19.4/20

Left: 75.396+/-647.746 χ^2/NDF : 47.2/42

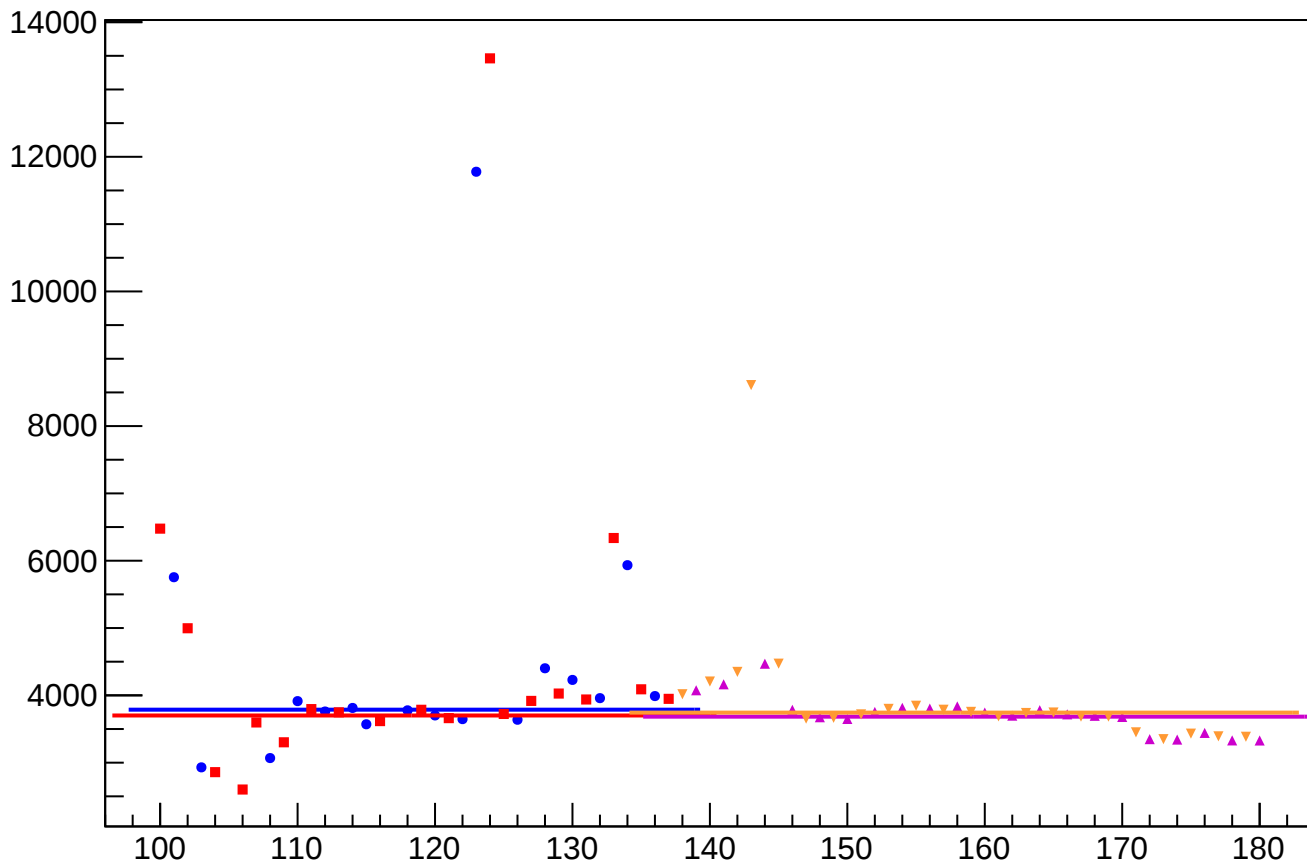
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -762.133+/-775.577 χ^2/NDF : 36.6/37

Out: -36.763+/-778.054 χ^2/NDF : 37.5/40

All: -400.604+/-549.290 χ^2/NDF : 74.6/78

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3743.788+/-0.654 χ^2/NDF : 660257.4/21

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

Left In: 3683.545+/-0.642 χ^2/NDF : 176719.0/20

Left: 3713.106+/-0.458 χ^2/NDF : 841299.8/42

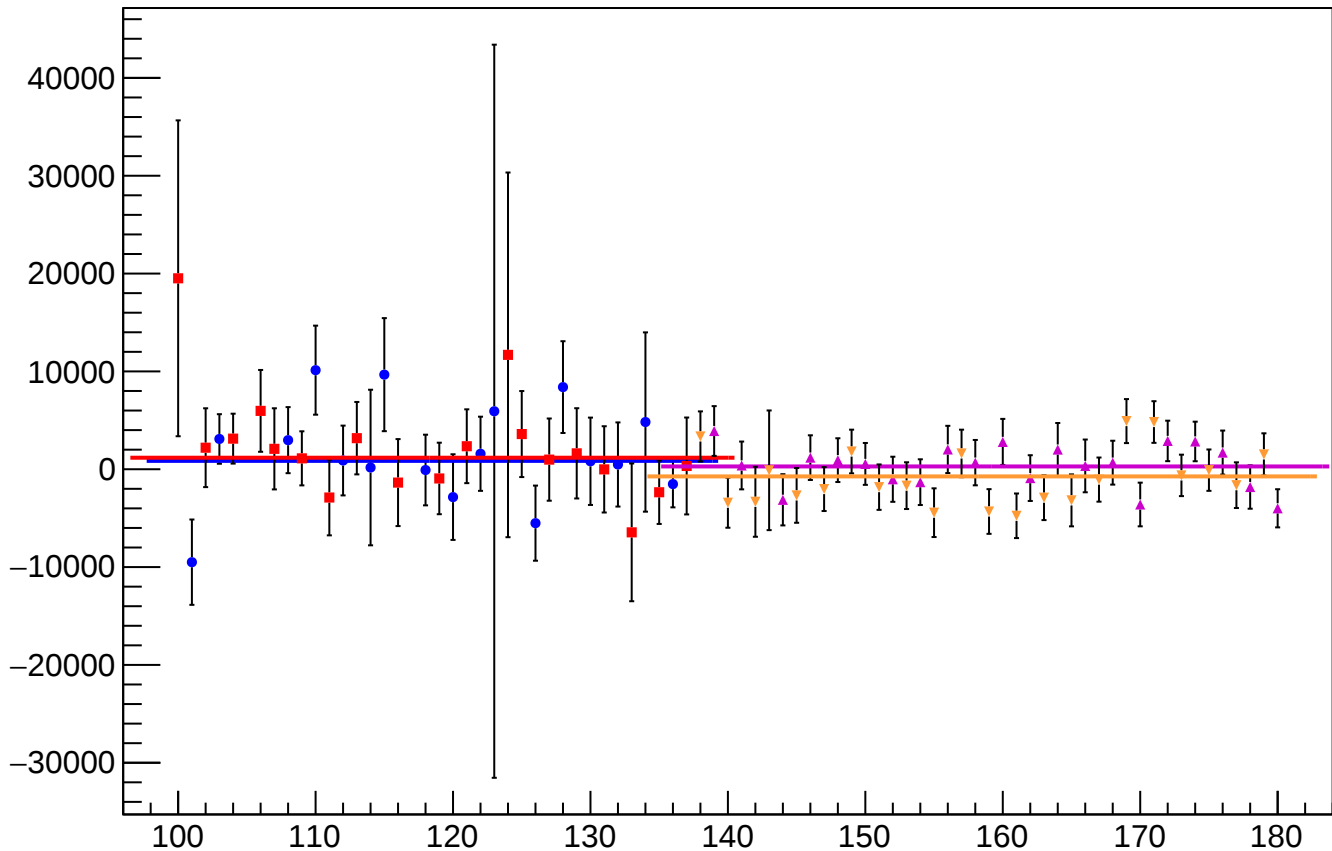
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3711.544+/-0.548 χ^2/NDF : 576422.3/37

Out: 3731.273+/-0.550 χ^2/NDF : 1242606.8/40

All: 3721.377+/-0.388 χ^2/NDF : 1819674.1/78

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -731.581 $\pm$ 512.593 χ^2 /NDF:31.7/21

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

Left In: 286.364 $\pm$ 500.880 χ^2 /NDF:19.5/20

Left: -210.846 $\pm$ 358.245 χ^2 /NDF: 53.2/42

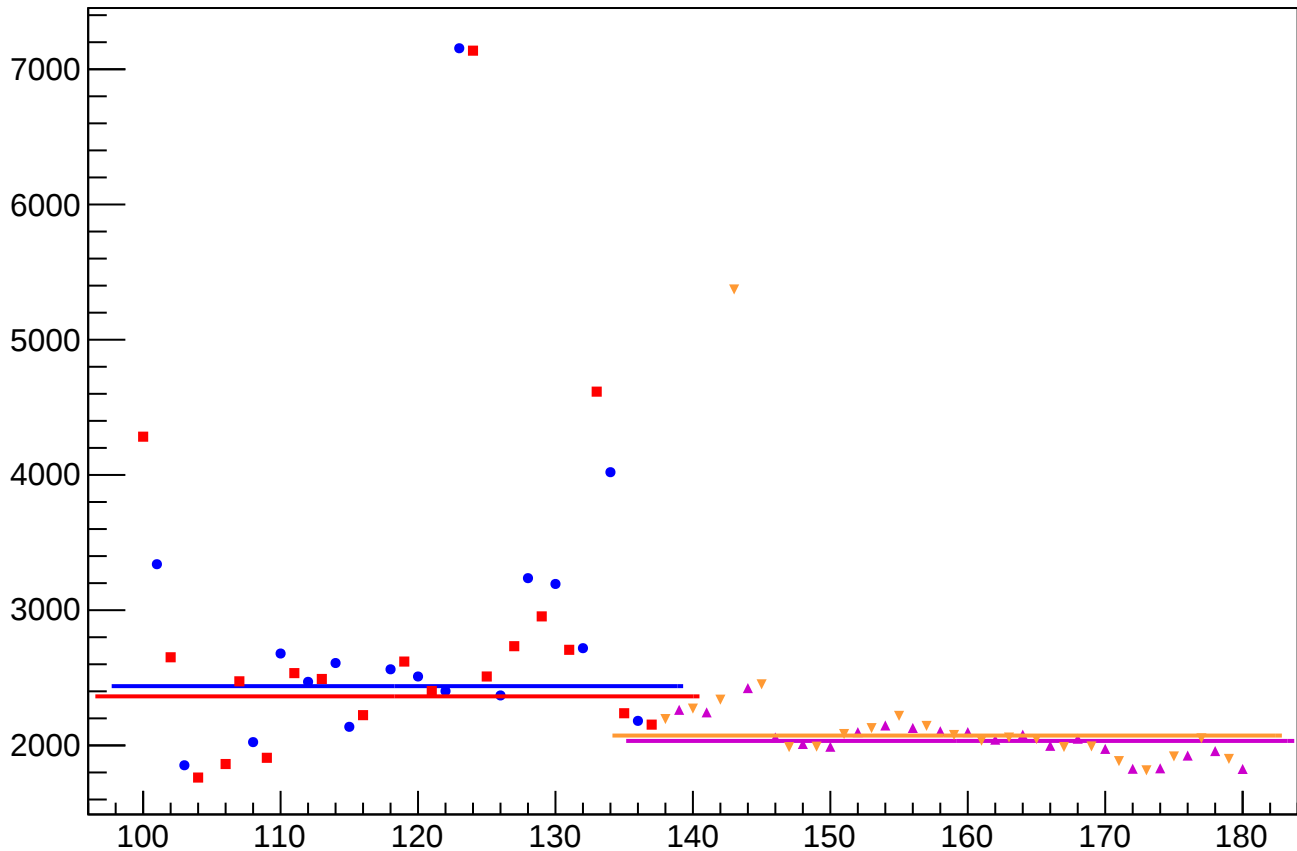
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 407.349 $\pm$ 444.538 χ^2 /NDF:40.4/37

Out: -283.430 $\pm$ 448.429 χ^2 /NDF:43.5/40

All: 64.970 $\pm$ 315.703 χ^2 /NDF: 85.1/78

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2072.914 $\pm$ 0.362 χ^2 /NDF: 736722.0/21

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

Left In: 2033.170 $\pm$ 0.354 χ^2 /NDF: 161967.0/20

Left: 2052.583 $\pm$ 0.253 χ^2 /NDF: 904839.6/42

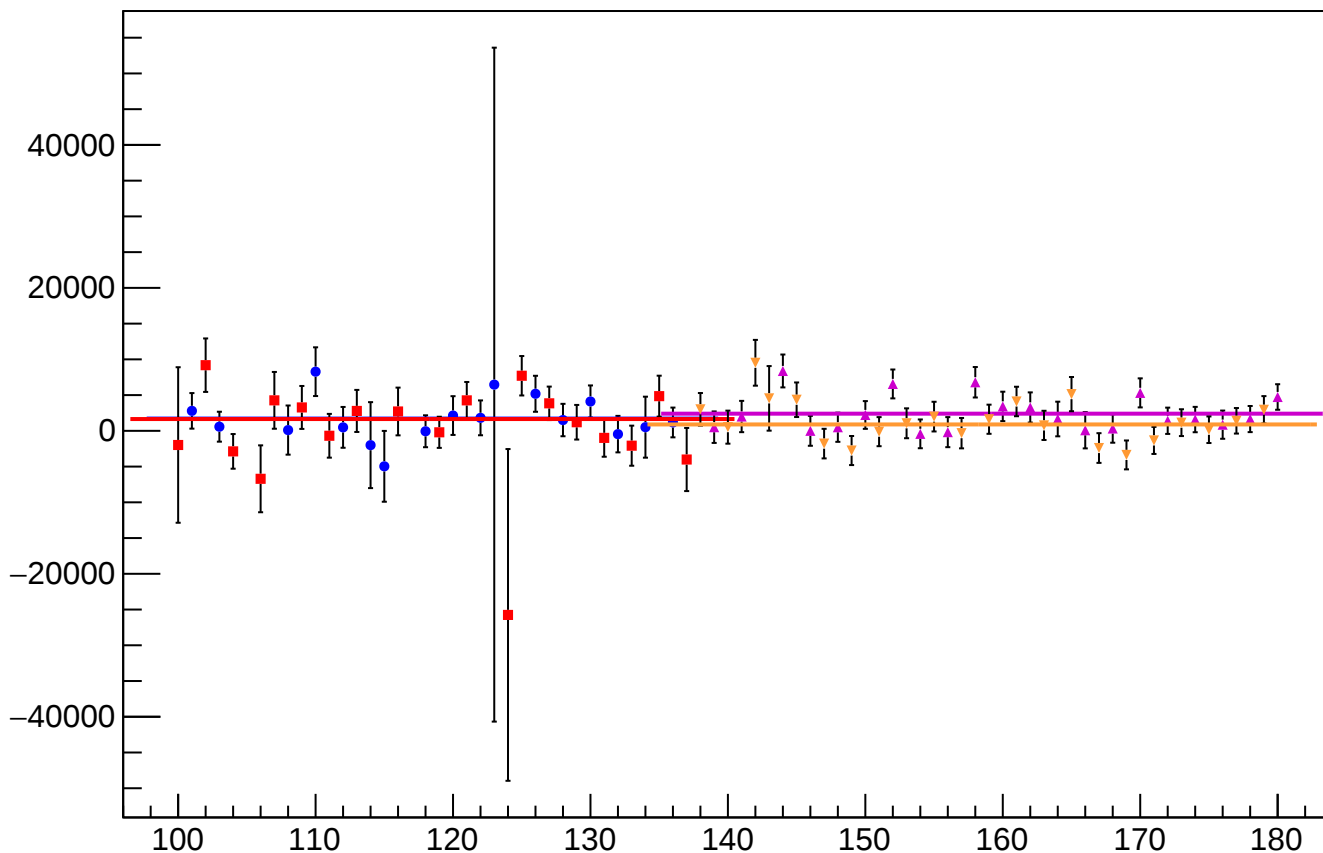
Right: 2398.946 $\pm$ 0.472 χ^2 /NDF: 1140632.3/35

In: 2119.183 $\pm$ 0.314 χ^2 /NDF: 916464.6/37

Out: 2140.931 $\pm$ 0.317 χ^2 /NDF: 1544297.2/40

All: 2129.962 $\pm$ 0.223 χ^2 /NDF: 2463134.3/78

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 895.219 $\pm$ 451.578 χ^2/NDF : 32.1/21

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

Left In: 2401.245 $\pm$ 445.494 χ^2/NDF : 29.1/20

Left: 1658.446 $\pm$ 317.141 χ^2/NDF : 66.8/42

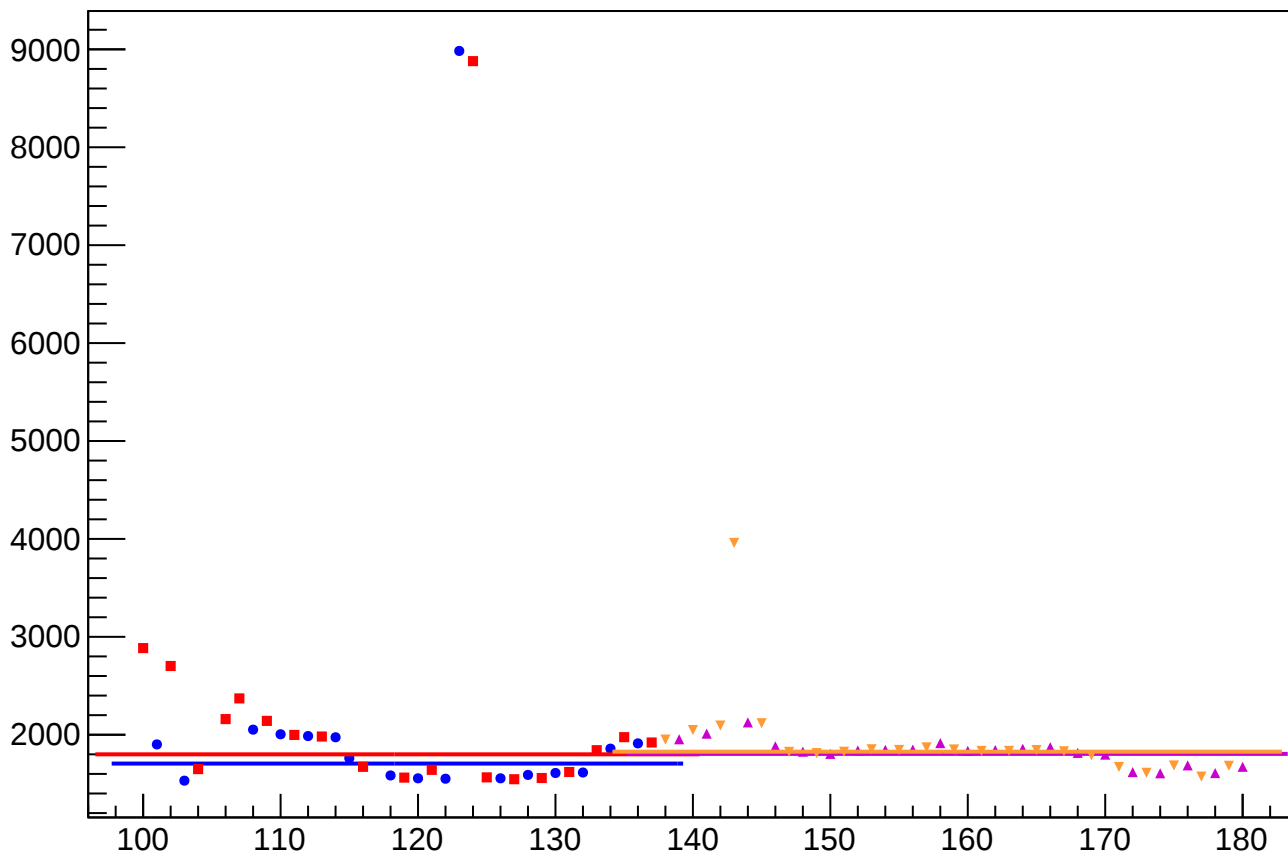
Right: 1682.780 $\pm$ 481.052 χ^2/NDF : 38.3/35

In: 2188.864 $\pm$ 370.487 χ^2/NDF : 41.2/37

Out: 1119.759 $\pm$ 378.550 χ^2/NDF : 59.9/40

All: 1665.818 $\pm$ 264.778 χ^2/NDF : 105.2/78

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1827.057 $\pm$ 0.319 χ^2 /NDF: 618332.3/21

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

Left In: 1804.421 $\pm$ 0.315 χ^2 /NDF: 166589.7/20

Left: 1815.585 $\pm$ 0.224 χ^2 /NDF: 787468.9/42

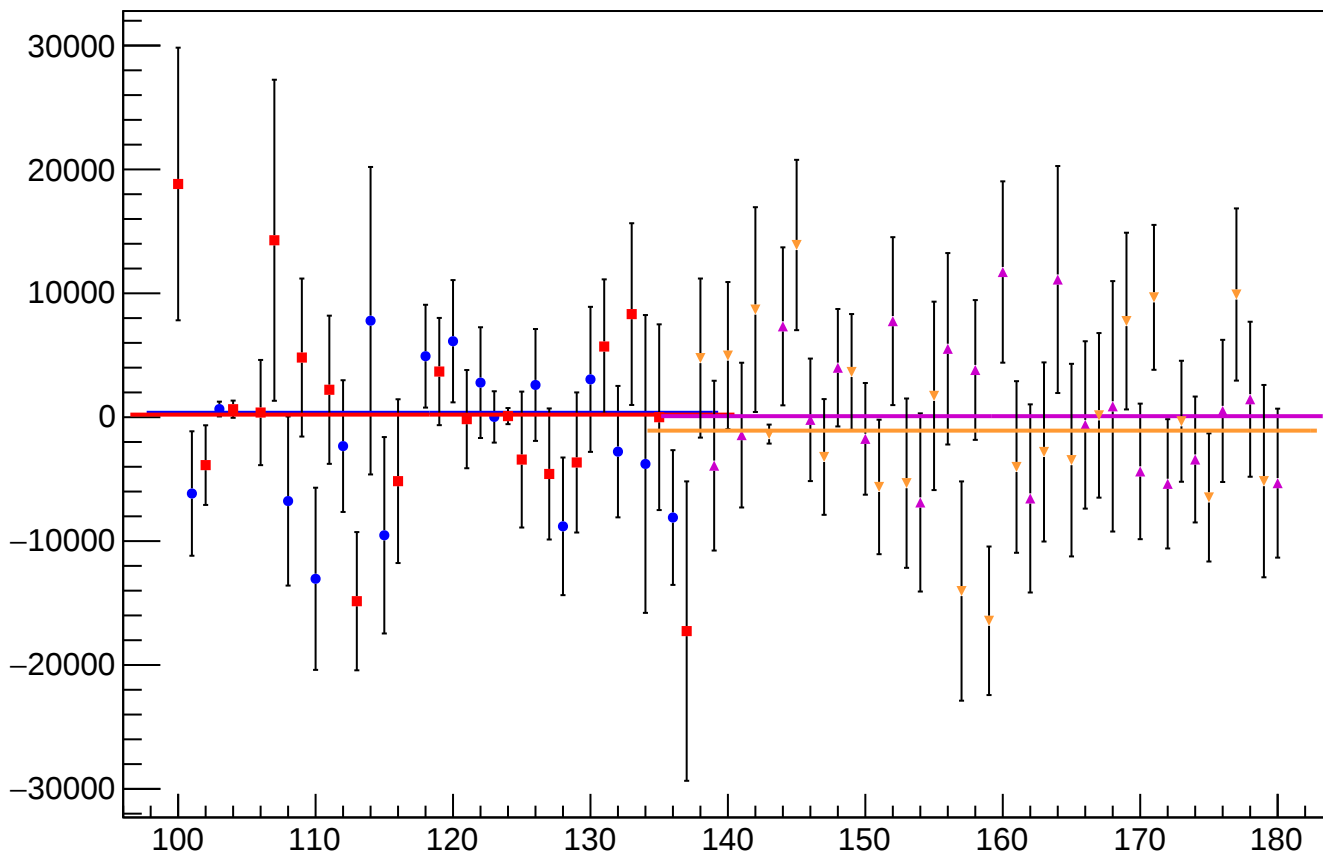
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1773.953 $\pm$ 0.262 χ^2 /NDF: 391098.0/37

Out: 1818.986 $\pm$ 0.268 χ^2 /NDF: 1159254.6/40

All: 1795.999 $\pm$ 0.187 χ^2 /NDF: 1564819.0/78

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1082.708 $\pm$ 667.898 χ^2 /NDF:28.5/21

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

Left In: 84.301 $\pm$ 1323.134 χ^2 /NDF:13.6/20

Left: -845.729 $\pm$ 596.240 χ^2 /NDF: 42.7/42

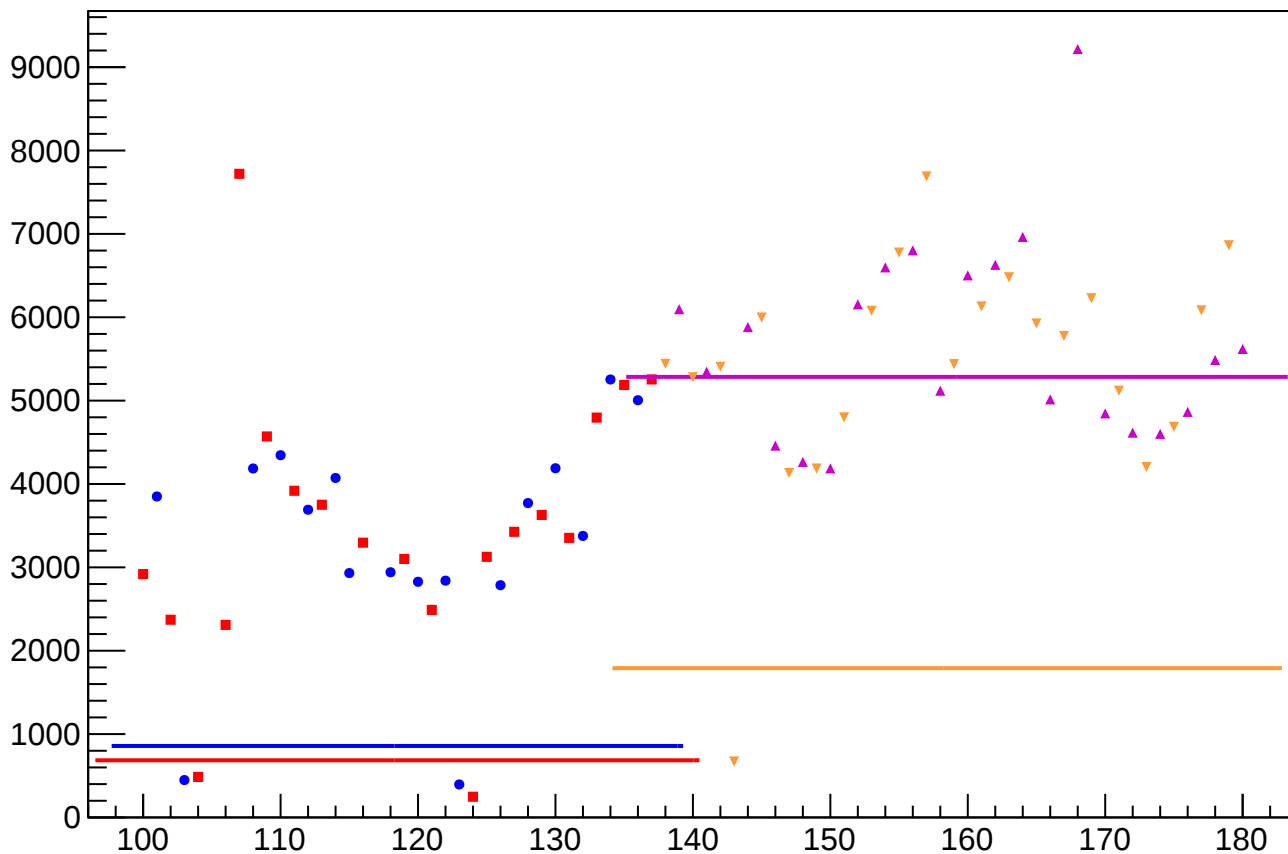
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 318.922 $\pm$ 494.561 χ^2 /NDF:31.1/37

Out: -189.504 $\pm$ 371.266 χ^2 /NDF:52.4/40

All: -6.252 $\pm$ 296.913 χ^2 /NDF: 84.2/78

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1791.438 $\pm$ 0.472 χ^2 /NDF:18722585.7/21

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

Left In: 5284.779 $\pm$ 0.936 χ^2 /NDF:1083435.7/20

Left: 2500.813 $\pm$ 0.422 χ^2 /NDF: 30916364.2/42

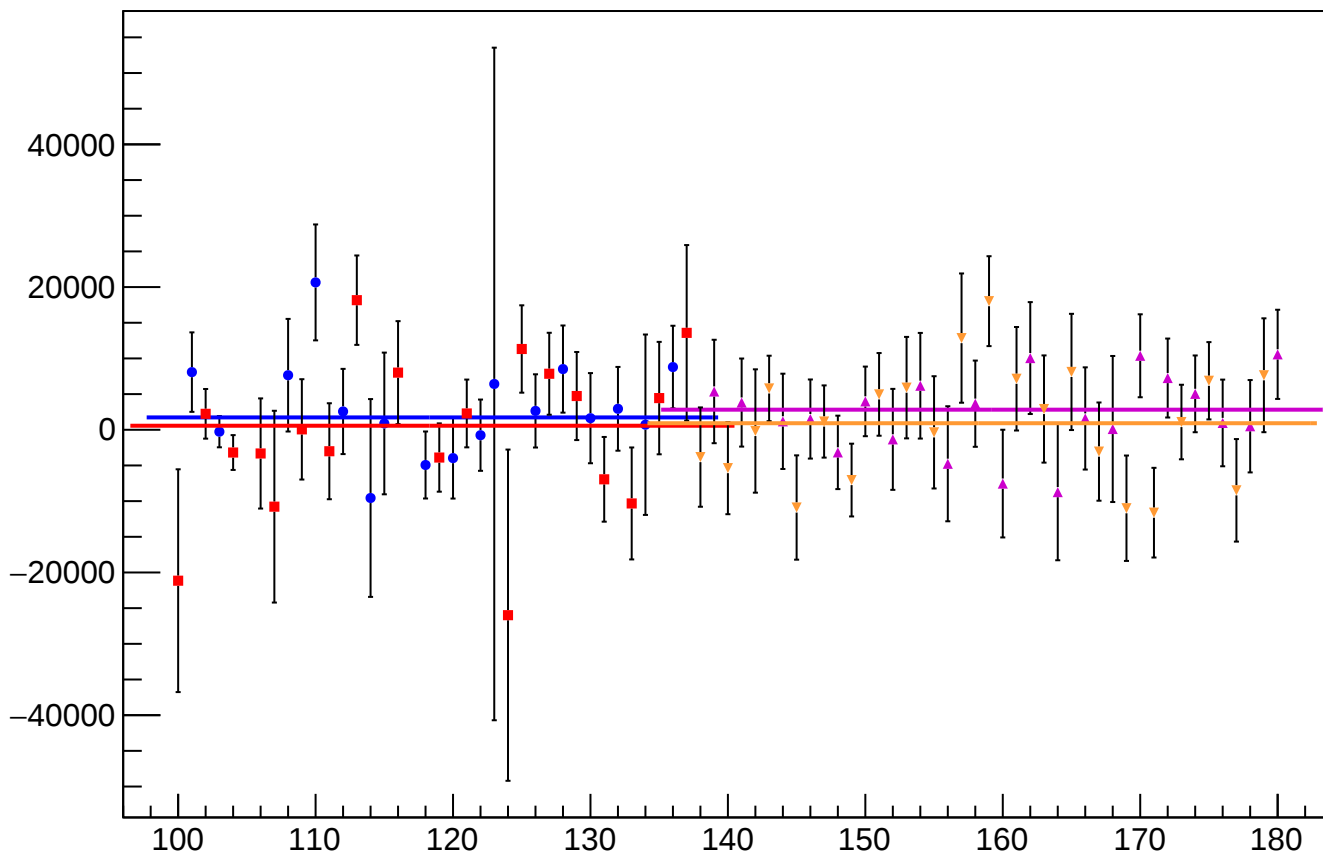
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1476.017 $\pm$ 0.350 χ^2 /NDF:28522676.1/37

Out: 1027.436 $\pm$ 0.263 χ^2 /NDF:31970890.0/40

All: 1189.118 $\pm$ 0.210 χ^2 /NDF: 61545915.2/77

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 919.323+/-1377.170 χ^2/NDF : 29.9/21

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

Left In: 2816.682+/-1402.708 χ^2/NDF : 11.7/20

Left: 1850.574+/-982.711 χ^2/NDF : 42.5/42

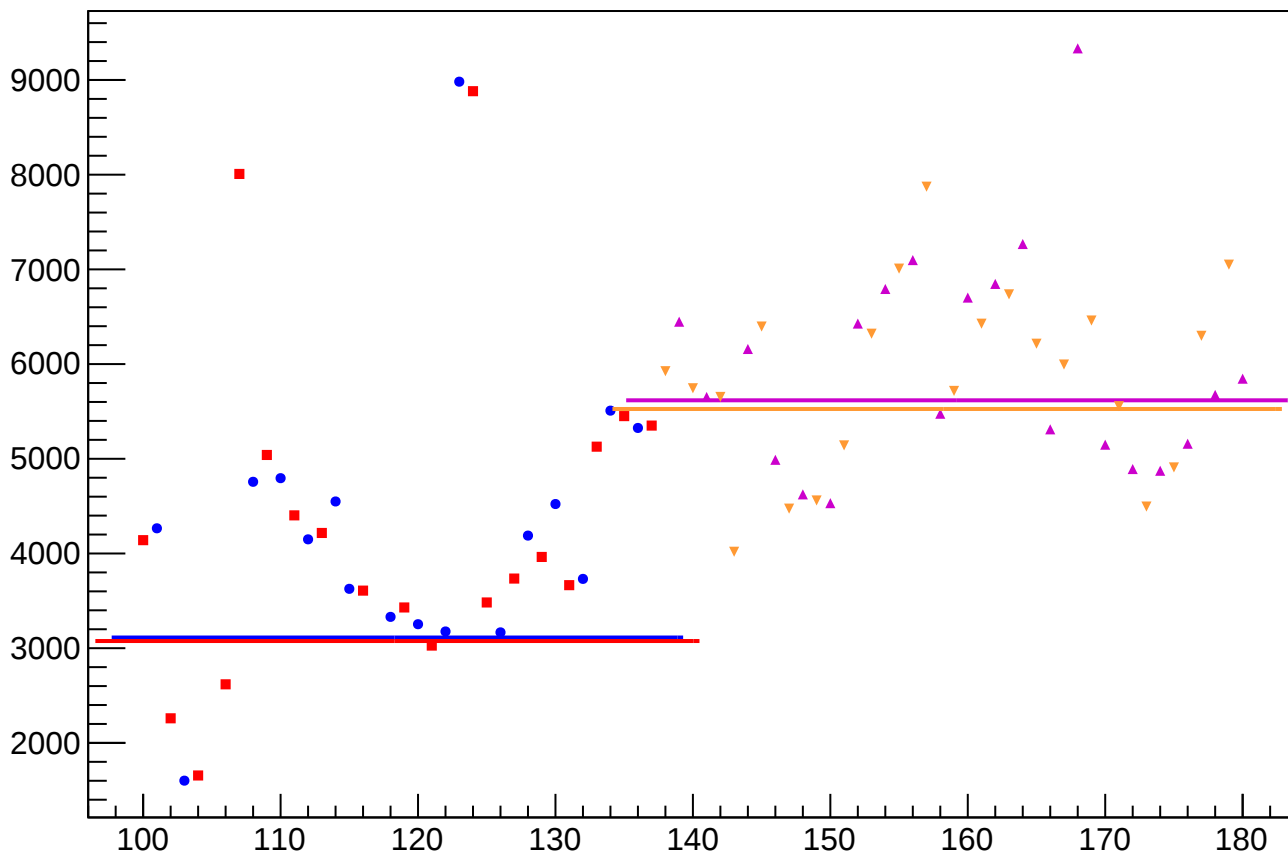
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 2235.770+/-955.296 χ^2/NDF : 26.9/37

Out: 731.201+/-940.040 χ^2/NDF : 57.0/40

All: 1471.375+/-670.037 χ^2/NDF : 85.2/78

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5525.876 $\pm$ 0.974 χ^2 /NDF: 991389.1/21

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

Left In: 5617.519 $\pm$ 0.992 χ^2 /NDF: 901380.5/20

Left: 5570.856 $\pm$ 0.695 χ^2 /NDF: 1897116.4/42

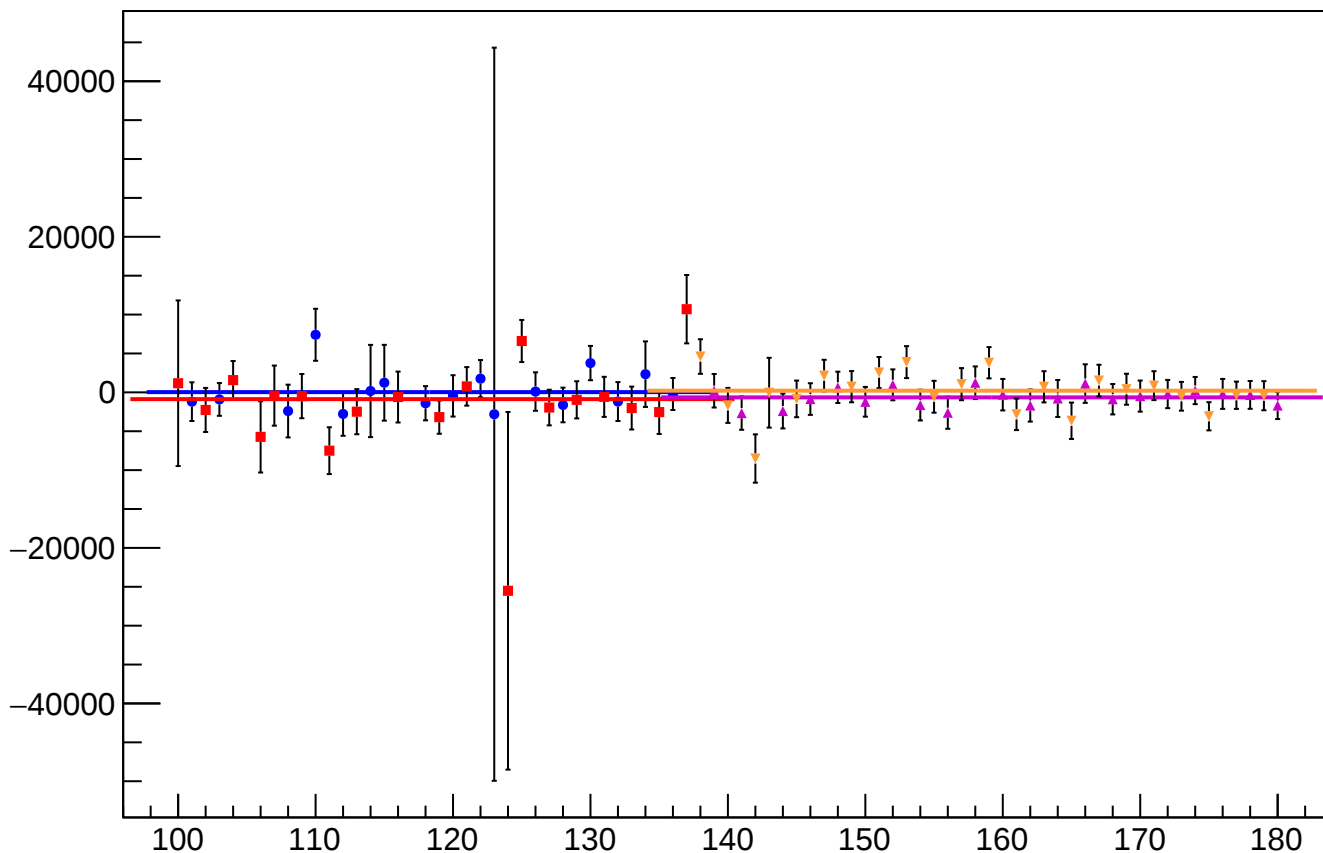
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 4274.450 $\pm$ 0.675 χ^2 /NDF: 6205467.9/37

Out: 4199.536 $\pm$ 0.660 χ^2 /NDF: 6429328.5/40

All: 4236.097 $\pm$ 0.472 χ^2 /NDF: 12641093.3/77

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 213.296 ± 442.987 χ^2/NDF : 31.0/21

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

Left In: -647.135 ± 436.972 χ^2/NDF : 6.4/20

Left: -222.801 ± 311.091 χ^2/NDF : 39.3/42

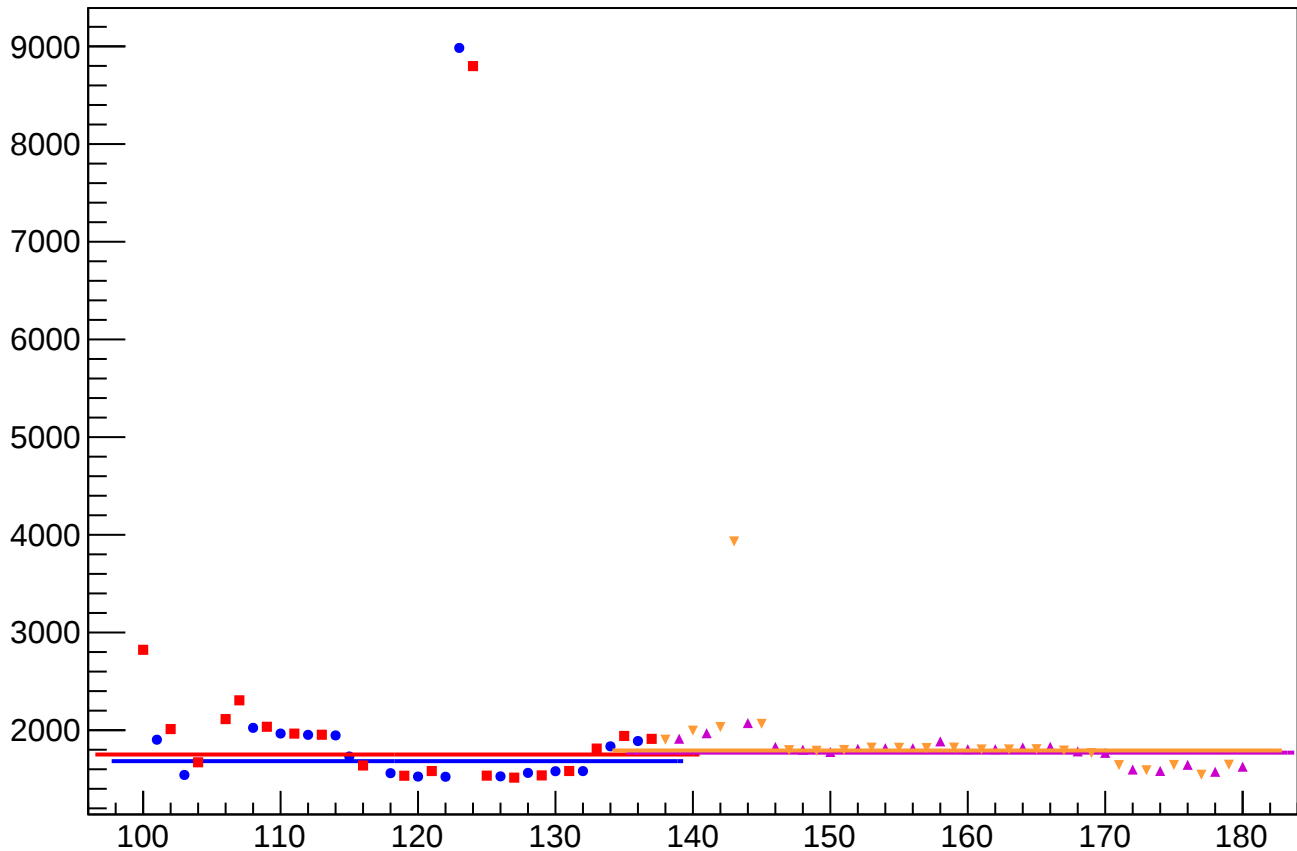
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -440.351 ± 364.083 χ^2/NDF : 18.9/37

Out: -115.340 ± 370.068 χ^2/NDF : 58.5/40

All: -280.495 ± 259.536 χ^2/NDF : 77.8/78

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1792.400+/-0.313 χ^2/NDF : 619319.6/21

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

Left In: 1770.097+/-0.309 χ^2/NDF : 164061.7/20

Left: 1781.096+/-0.220 χ^2/NDF : 785950.8/42

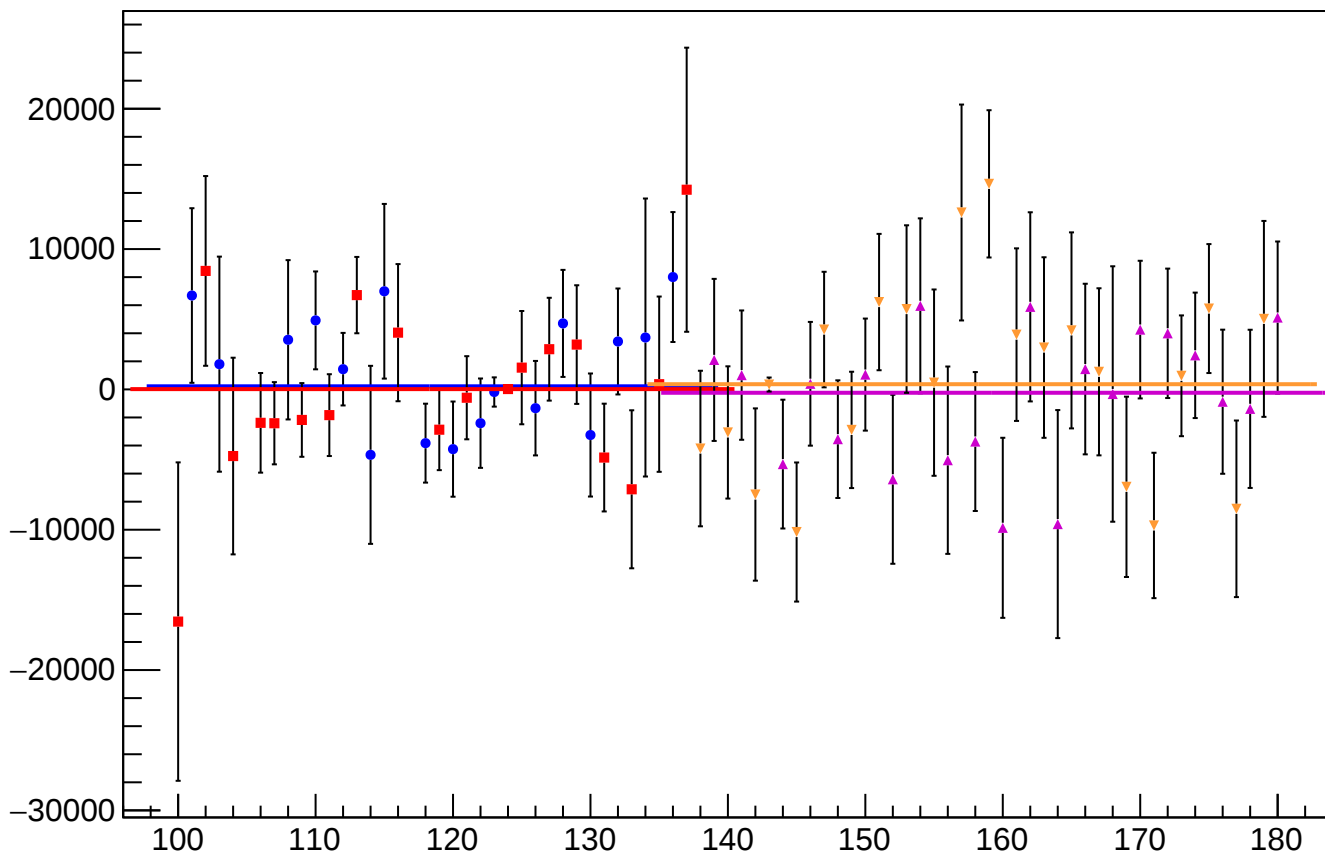
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1743.502+/-0.257 χ^2/NDF : 384146.1/37

Out: 1779.880+/-0.262 χ^2/NDF : 1051661.0/40

All: 1761.406+/-0.183 χ^2/NDF : 1445634.3/78

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 370.385 $\pm$ 459.911 χ^2 /NDF:30.8/21

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

Left In: -240.332 $\pm$ 1151.013 χ^2 /NDF:12.8/20

Left: 286.304 $\pm$ 427.080 χ^2 /NDF: 43.9/42

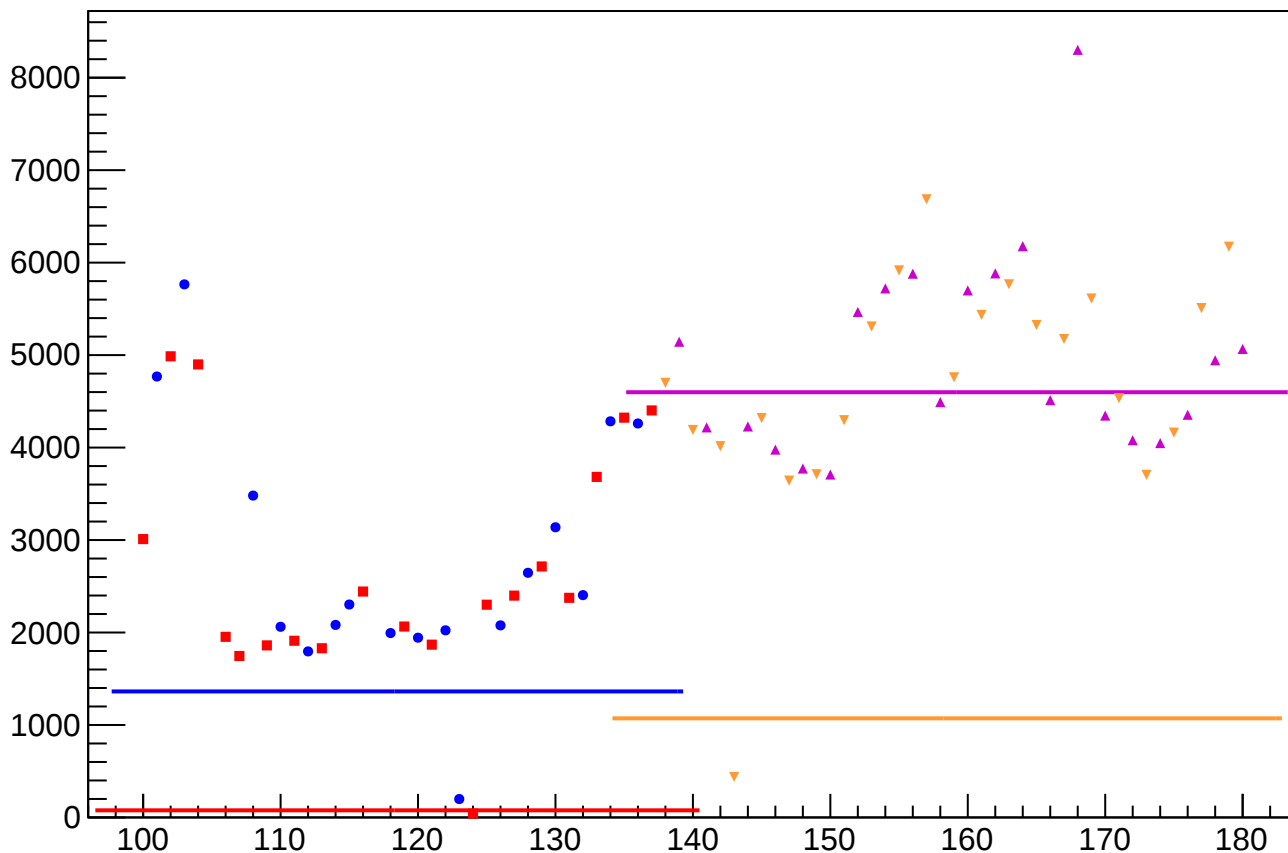
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 90.160 $\pm$ 610.969 χ^2 /NDF:28.8/37

Out: 40.578 $\pm$ 110.770 χ^2 /NDF:52.0/40

All: 42.156 $\pm$ 108.993 χ^2 /NDF: 80.8/78

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1072.096 $\pm$ 0.325 χ^2 /NDF: 22241847.9/21

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

Left In: 4598.593 $\pm$ 0.814 χ^2 /NDF: 1068523.5/20

Left: 1557.609 $\pm$ 0.302 χ^2 /NDF: 39499651.6/42

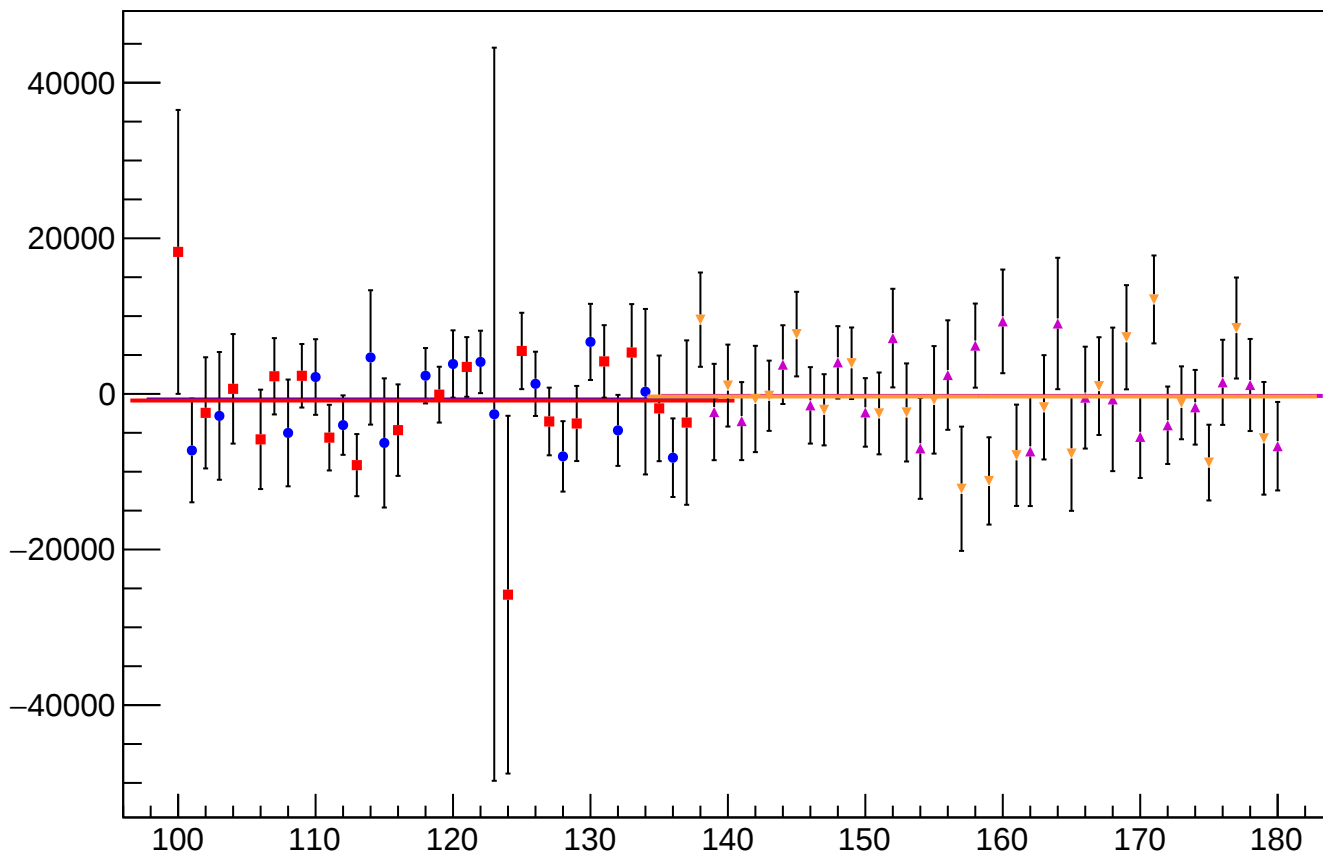
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2274.545 $\pm$ 0.432 χ^2 /NDF: 18656832.2/37

Out: 134.846 $\pm$ 0.078 χ^2 /NDF: 44307429.8/40

All: 202.940 $\pm$ 0.077 χ^2 /NDF: 86713577.1/78

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -332.084+/-1225.217 χ^2/NDF : 26.2/21

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

Left In: -257.318+/-1238.981 χ^2/NDF : 13.8/20

Left: -295.119+/-871.185 χ^2/NDF : 40.0/42

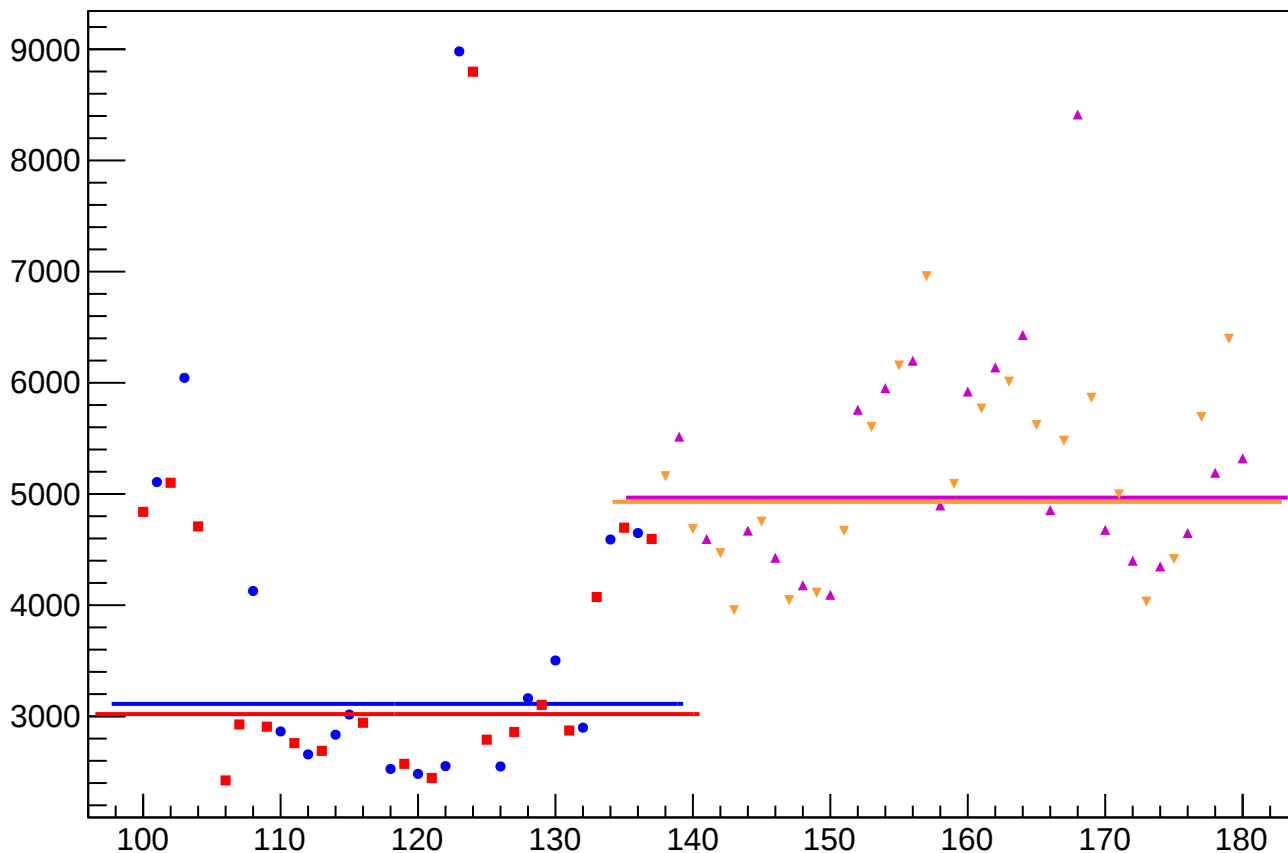
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -486.879+/-880.839 χ^2/NDF : 28.6/37

Out: -598.098+/-854.339 χ^2/NDF : 42.3/40

All: -544.187+/-613.264 χ^2/NDF : 70.9/78

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232 ± 0.886 $\chi^2/\text{NDF}: 958497.7/16$

Left Out: 4929.125 ± 0.866 $\chi^2/\text{NDF}: 833923.7/21$

Right Out: 3020.363 ± 0.832 $\chi^2/\text{NDF}: 794218.3/18$

Left In: 4967.153 ± 0.876 $\chi^2/\text{NDF}: 851571.7/20$

Left: 4947.926 ± 0.616 $\chi^2/\text{NDF}: 1686447.9/42$

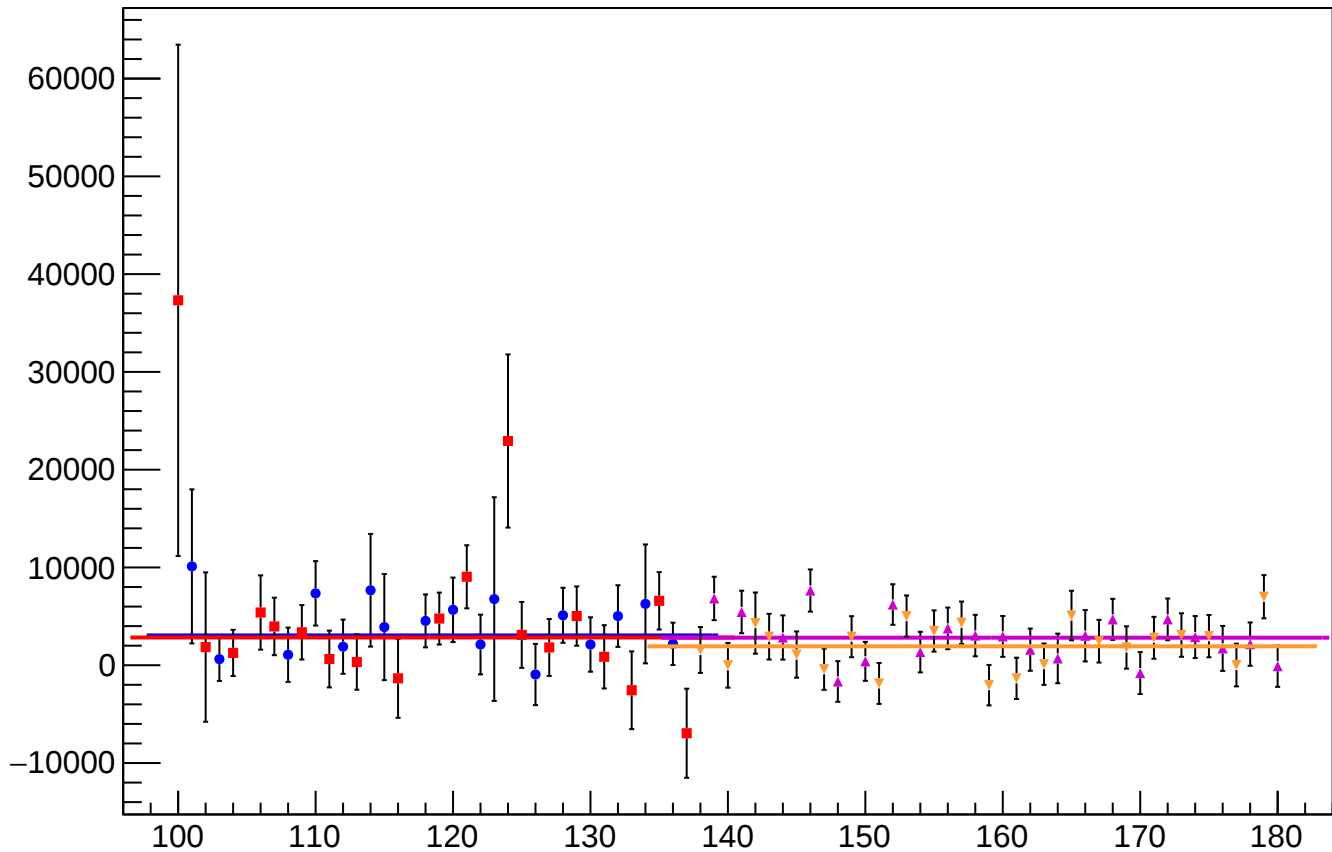
Right: 3063.446 ± 0.607 $\chi^2/\text{NDF}: 1758429.8/35$

In: 4049.767 ± 0.623 $\chi^2/\text{NDF}: 4027133.2/37$

Out: 3936.482 ± 0.600 $\chi^2/\text{NDF}: 4152484.9/40$

All: 3991.028 ± 0.432 $\chi^2/\text{NDF}: 8196771.0/78$

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1937.918+/-472.091 χ^2/NDF : 25.5/21

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

Left In: 2818.890+/-473.675 χ^2/NDF : 26.9/20

Left: 2376.928+/-334.377 χ^2/NDF : 54.1/42

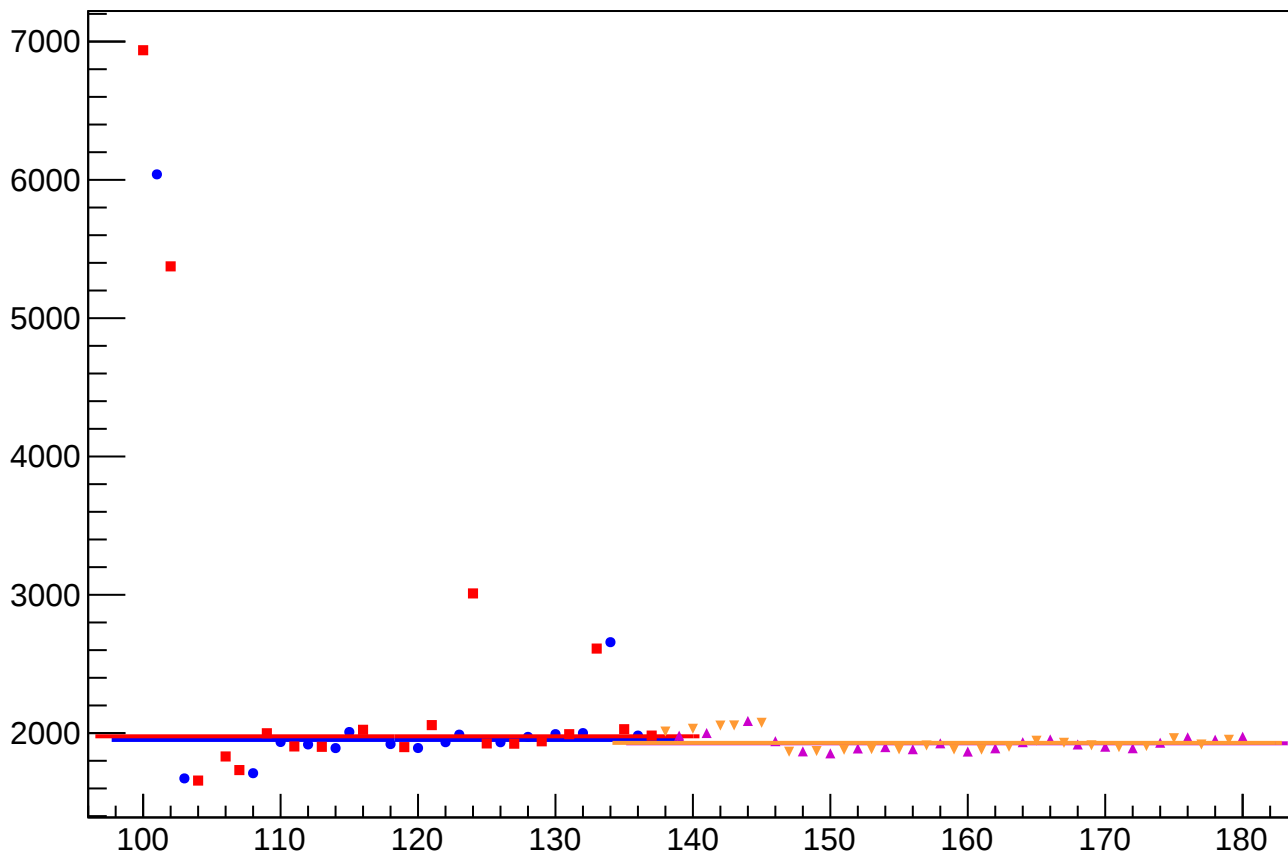
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 2881.811+/-403.782 χ^2/NDF : 36.3/37

Out: 2185.942+/-401.878 χ^2/NDF : 50.2/40

All: 2532.231+/-284.841 χ^2/NDF : 88.0/78

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1929.520 $\pm$ 0.334 χ^2 /NDF: 33631.3/21

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

Left In: 1926.396 $\pm$ 0.335 χ^2 /NDF: 25222.0/20

Left: 1927.963 $\pm$ 0.236 χ^2 /NDF: 58896.9/42

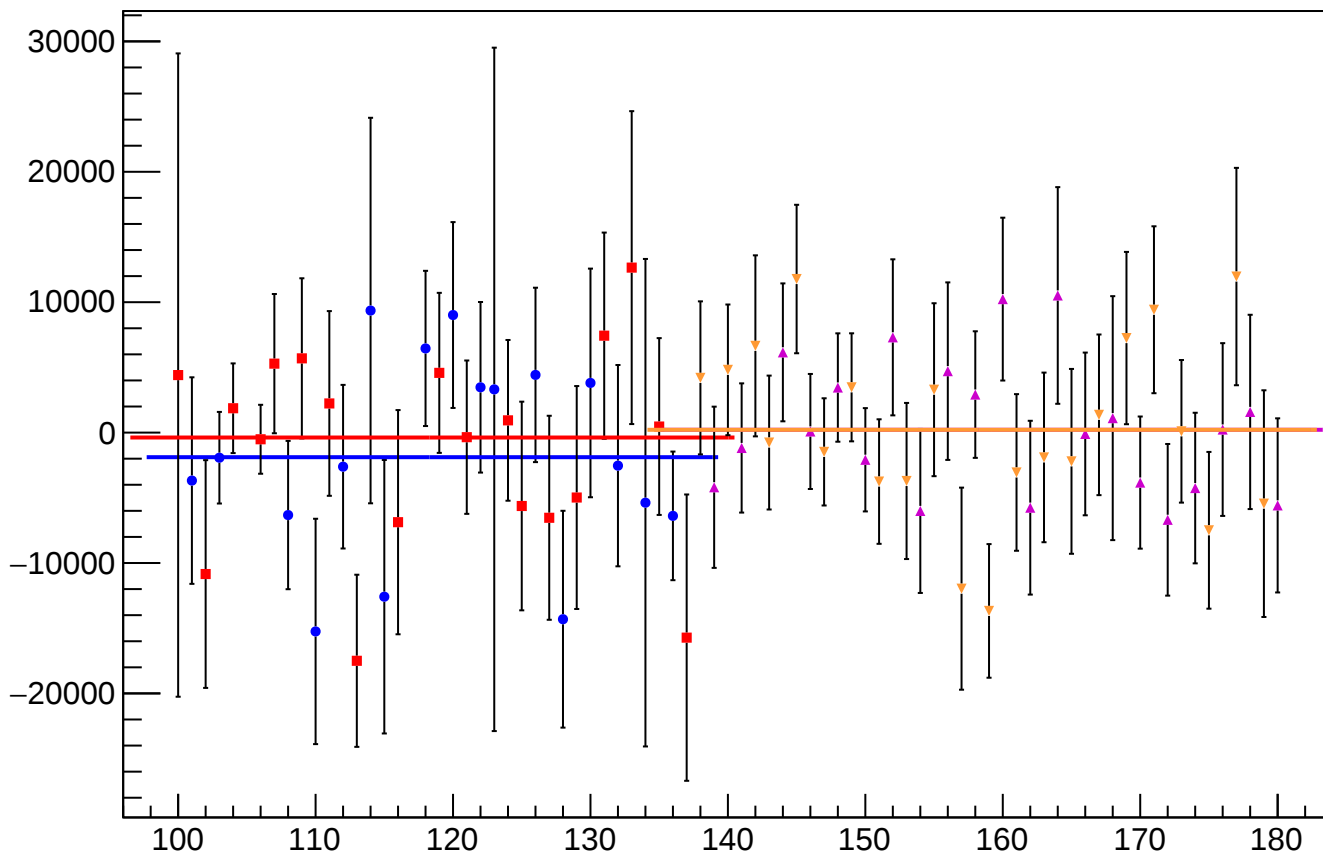
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

In: 1933.037 $\pm$ 0.286 χ^2 /NDF: 641825.5/37

Out: 1942.599 $\pm$ 0.284 χ^2 /NDF: 646908.0/40

All: 1937.841 $\pm$ 0.201 χ^2 /NDF: 1289297.0/78

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 215.354 ± 1231.951 $\chi^2/\text{NDF}: 26.1/21$

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

Left In: 215.707 ± 1236.036 $\chi^2/\text{NDF}: 14.3/20$

Left: 215.530 ± 872.561 $\chi^2/\text{NDF}: 40.4/42$

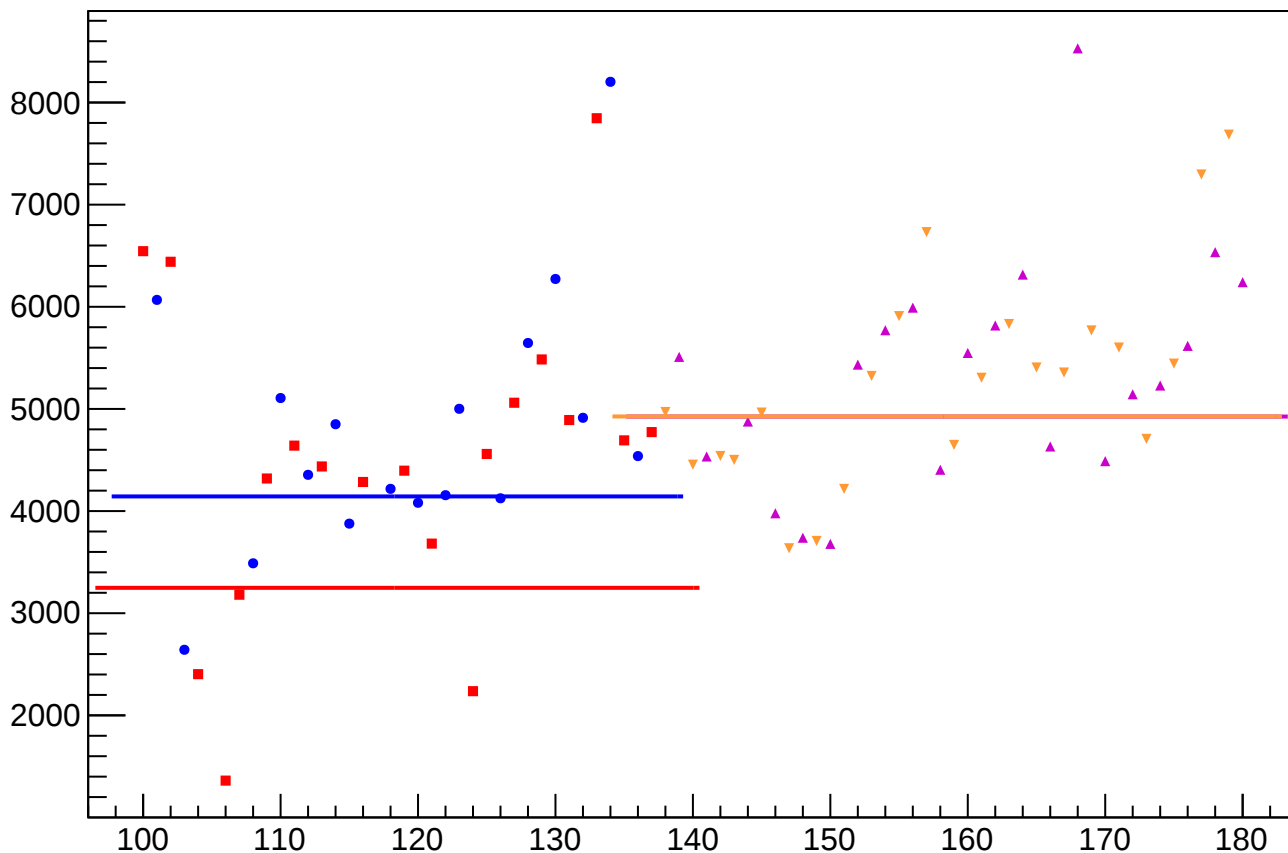
Right: -983.372 ± 1051.324 $\chi^2/\text{NDF}: 32.2/35$

In: -534.843 ± 990.961 $\chi^2/\text{NDF}: 29.4/37$

Out: -51.651 ± 912.926 $\chi^2/\text{NDF}: 43.8/40$

All: -273.475 ± 671.431 $\chi^2/\text{NDF}: 73.4/78$

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4926.426+/-0.871 χ^2/NDF :1120649.8/21

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

Left In: 4925.362+/-0.874 χ^2/NDF :1235617.4/20

Left: 4925.896+/-0.617 χ^2/NDF : 2356268.0/42

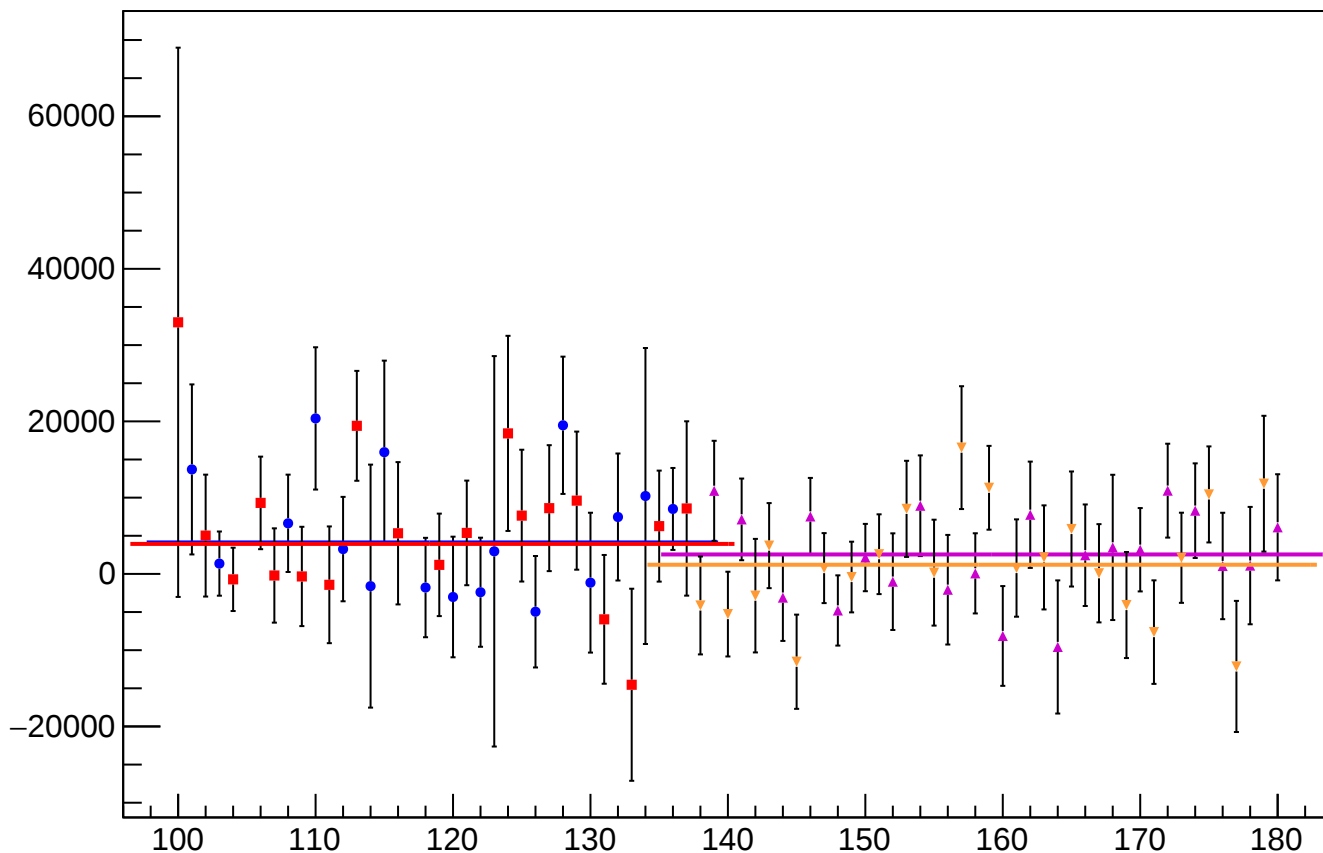
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4646.045+/-0.701 χ^2/NDF :2377486.1/37

Out: 4169.981+/-0.646 χ^2/NDF :5410897.3/40

All: 4388.533+/-0.475 χ^2/NDF : 8038061.2/78

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1202.496 $\pm$ 1326.495 χ^2 /NDF: 24.1/21

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

Left In: 2551.645 $\pm$ 1330.470 χ^2 /NDF: 17.0/20

Left: 1875.052 $\pm$ 939.376 χ^2 /NDF: 41.6/42

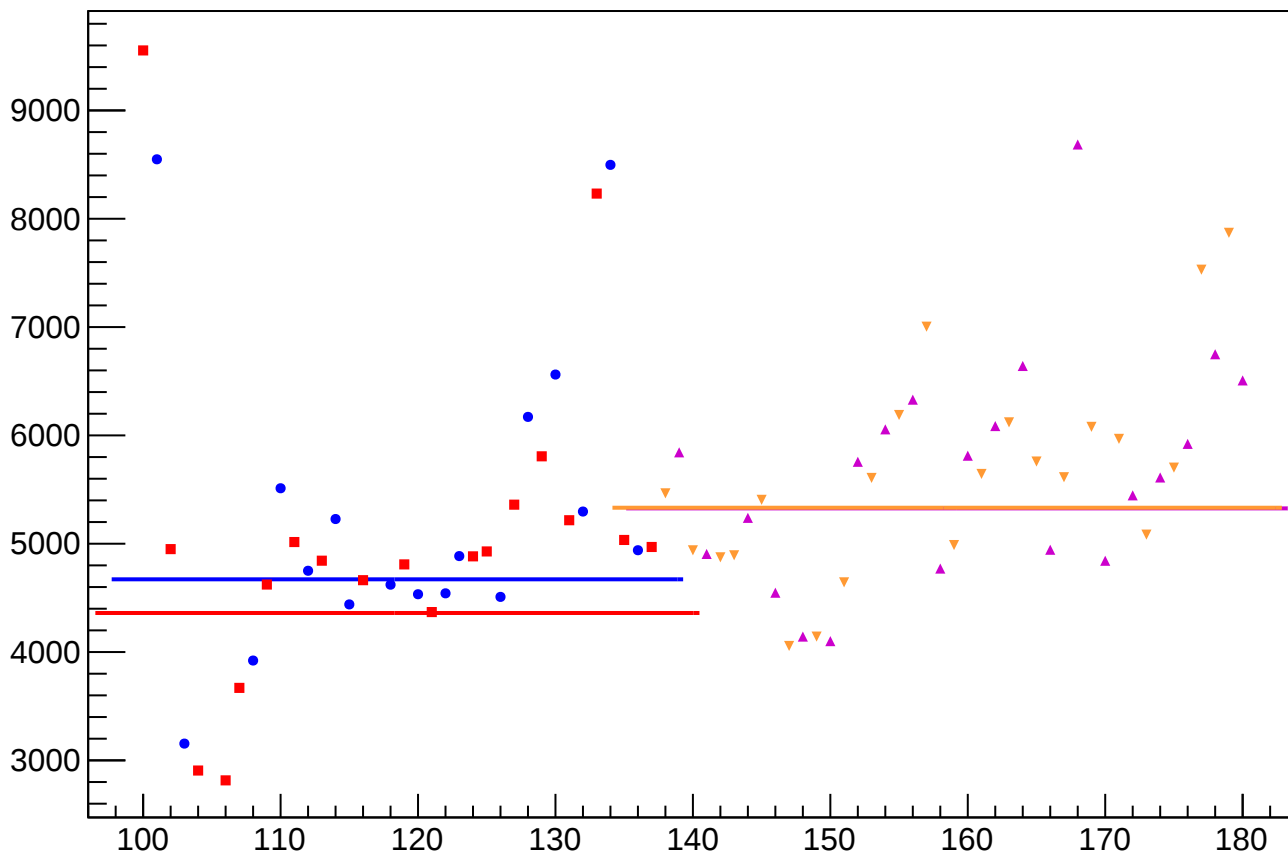
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 3083.582 $\pm$ 1082.727 χ^2 /NDF: 31.1/37

Out: 2216.902 $\pm$ 1051.651 χ^2 /NDF: 40.6/40

All: 2637.626 $\pm$ 754.377 χ^2 /NDF: 72.0/78

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5332.273 $\pm$ 0.938 χ^2/NDF :866636.8/21

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

Left In: 5326.205 $\pm$ 0.941 χ^2/NDF :951061.2/20

Left: 5329.248 $\pm$ 0.664 χ^2/NDF : 1817718.9/42

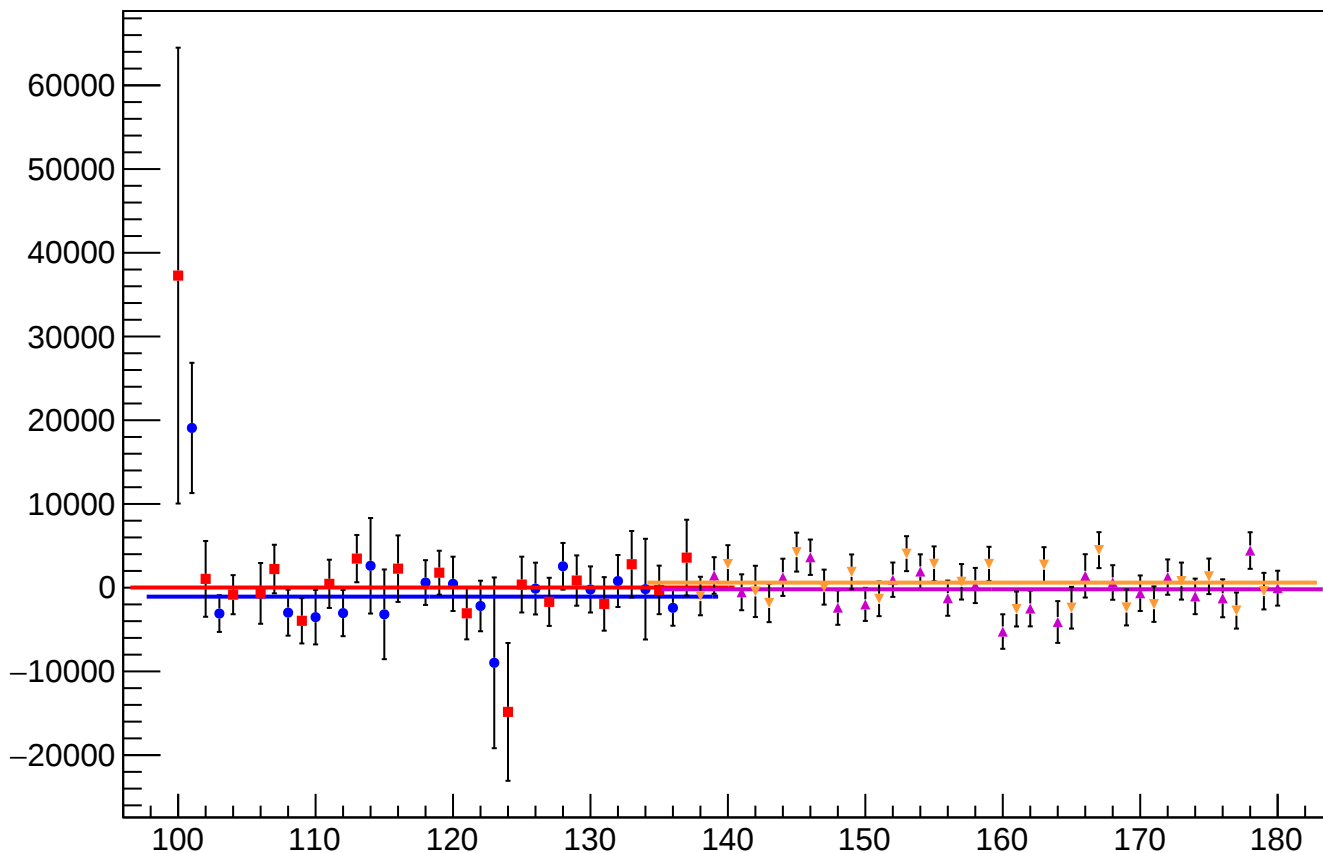
Right: 4503.135 $\pm$ 0.892 χ^2/NDF : 1650353.3/35

In: 5105.023 $\pm$ 0.766 χ^2/NDF :1900830.1/37

Out: 4968.676 $\pm$ 0.742 χ^2/NDF :2102356.6/40

All: 5034.718 $\pm$ 0.533 χ^2/NDF : 4019540.7/78

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 604.840+/-465.653 χ^2/NDF : 25.7/21

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

Left In: -190.677+/-467.438 χ^2/NDF : 23.5/20

Left: 208.604+/-329.896 χ^2/NDF : 50.7/42

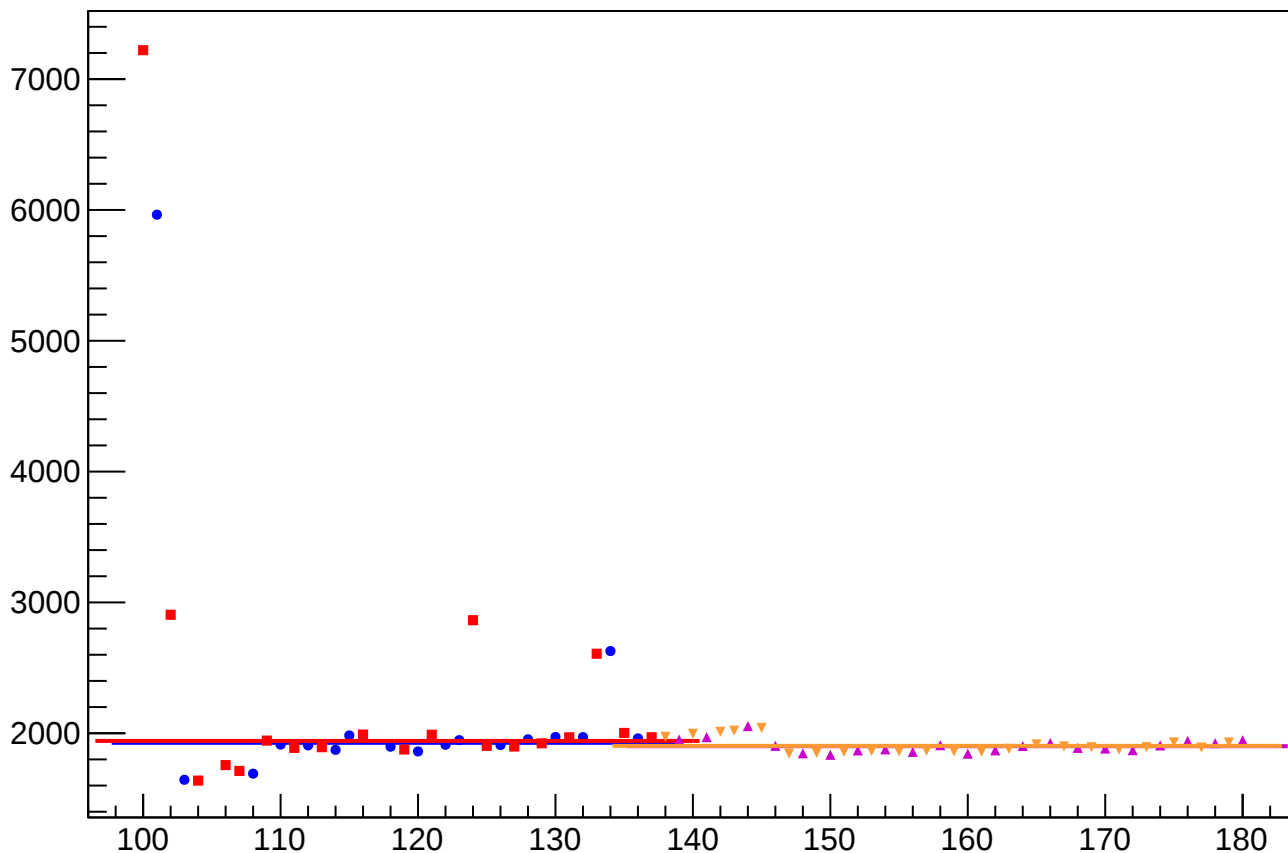
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -430.996+/-398.582 χ^2/NDF : 38.2/37

Out: 441.216+/-395.283 χ^2/NDF : 39.5/40

All: 8.735+/-280.667 χ^2/NDF : 80.1/78

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.404+/-0.329 χ^2/NDF : 28869.3/21

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

Left In: 1901.146+/-0.331 χ^2/NDF : 22595.0/20

Left: 1902.279+/-0.233 χ^2/NDF : 51487.7/42

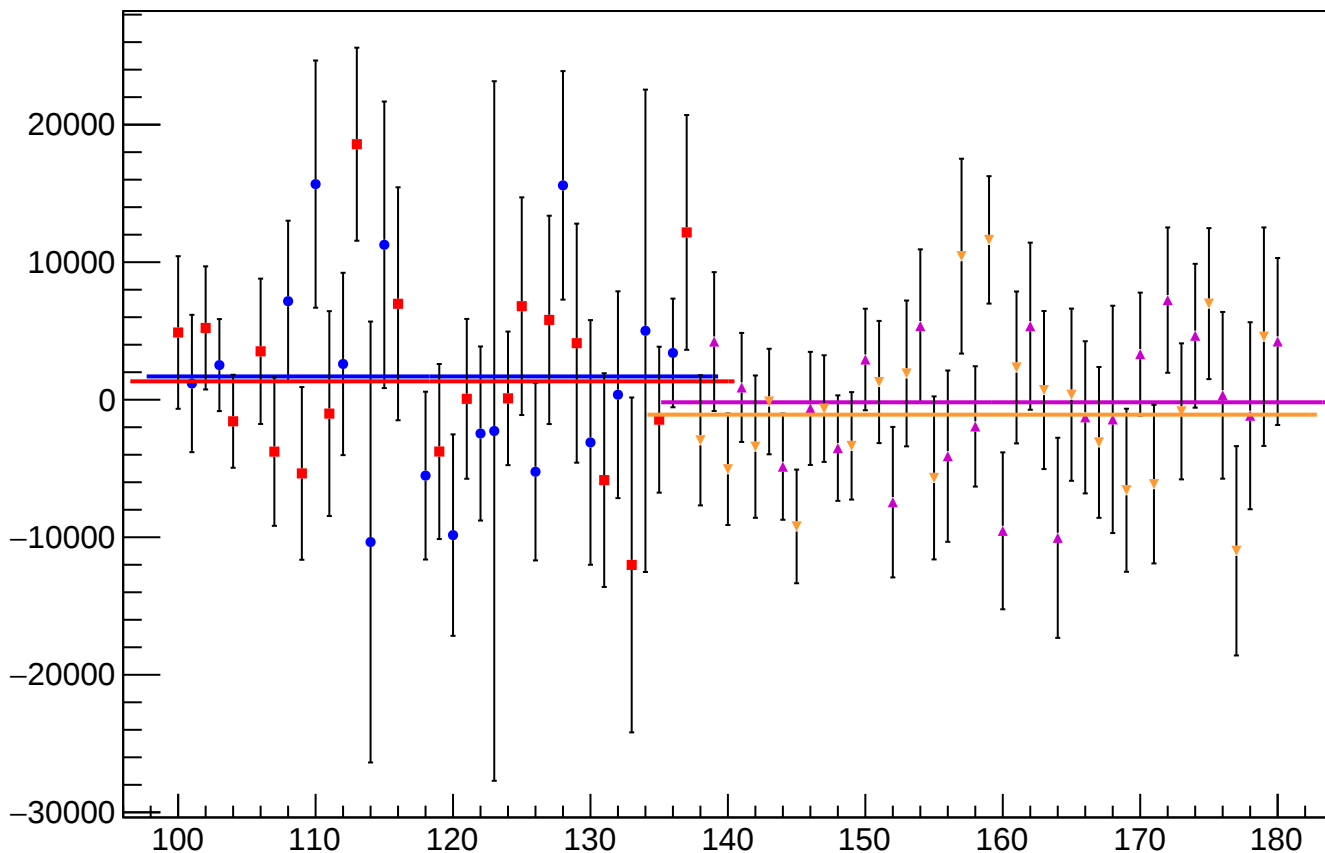
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1908.172+/-0.282 χ^2/NDF : 641366.9/37

Out: 1913.993+/-0.279 χ^2/NDF : 336934.1/40

All: 1911.107+/-0.198 χ^2/NDF : 978516.1/78

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1085.087 $\pm$ 1071.977 χ^2/NDF : 23.6/21

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

Left In: -186.041 $\pm$ 1093.299 χ^2/NDF : 16.5/20

Left: -644.417 $\pm$ 765.429 χ^2/NDF : 40.5/42

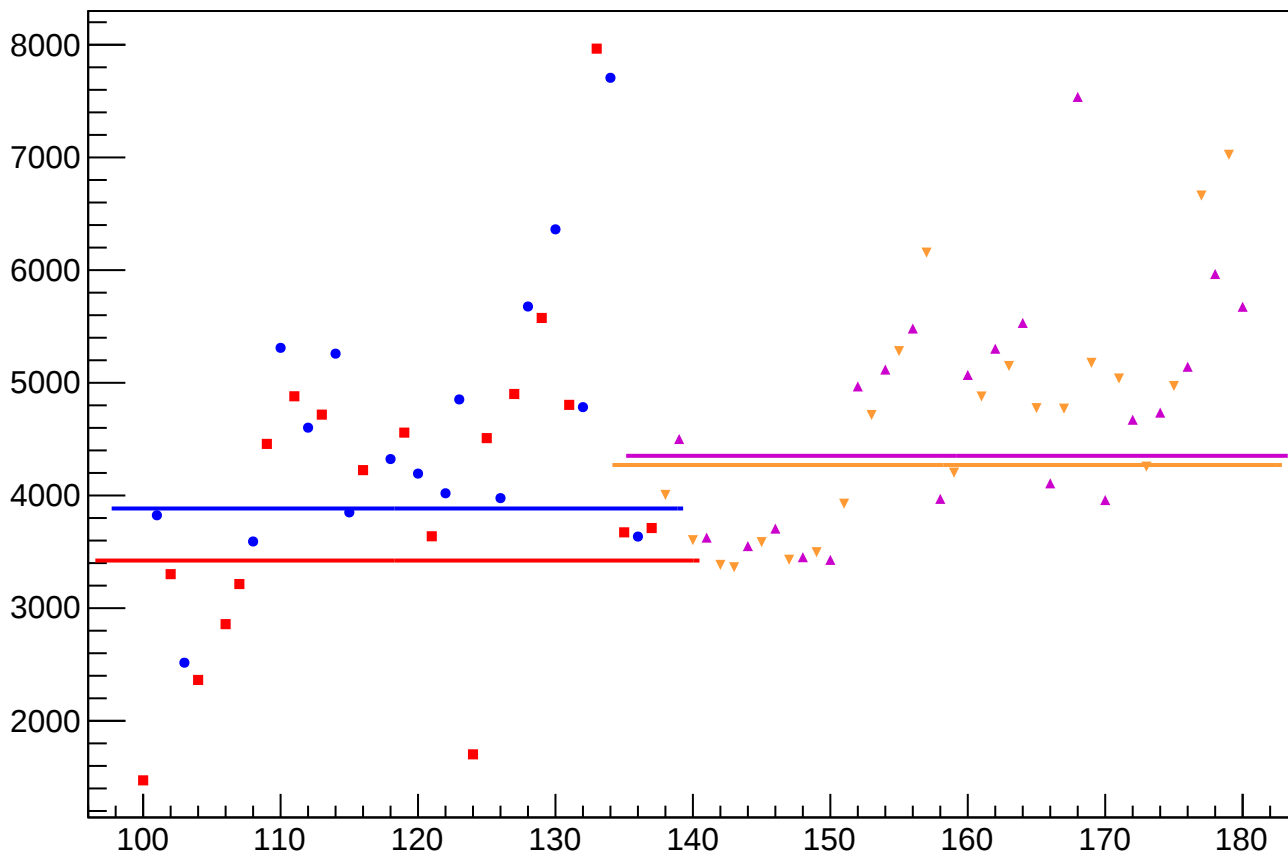
Right: 1493.873 $\pm$ 1026.648 χ^2/NDF : 30.0/35

In: 437.512 $\pm$ 893.784 χ^2/NDF : 31.1/37

Out: -164.027 $\pm$ 844.013 χ^2/NDF : 41.9/40

All: 119.529 $\pm$ 613.648 χ^2/NDF : 73.2/78

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4270.738 $\pm$ 0.758 χ^2 /NDF:1337789.4/21

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

Left In: 4352.068 $\pm$ 0.773 χ^2 /NDF:1292823.2/20

Left: 4310.602 $\pm$ 0.541 χ^2 /NDF: 2636255.5/42

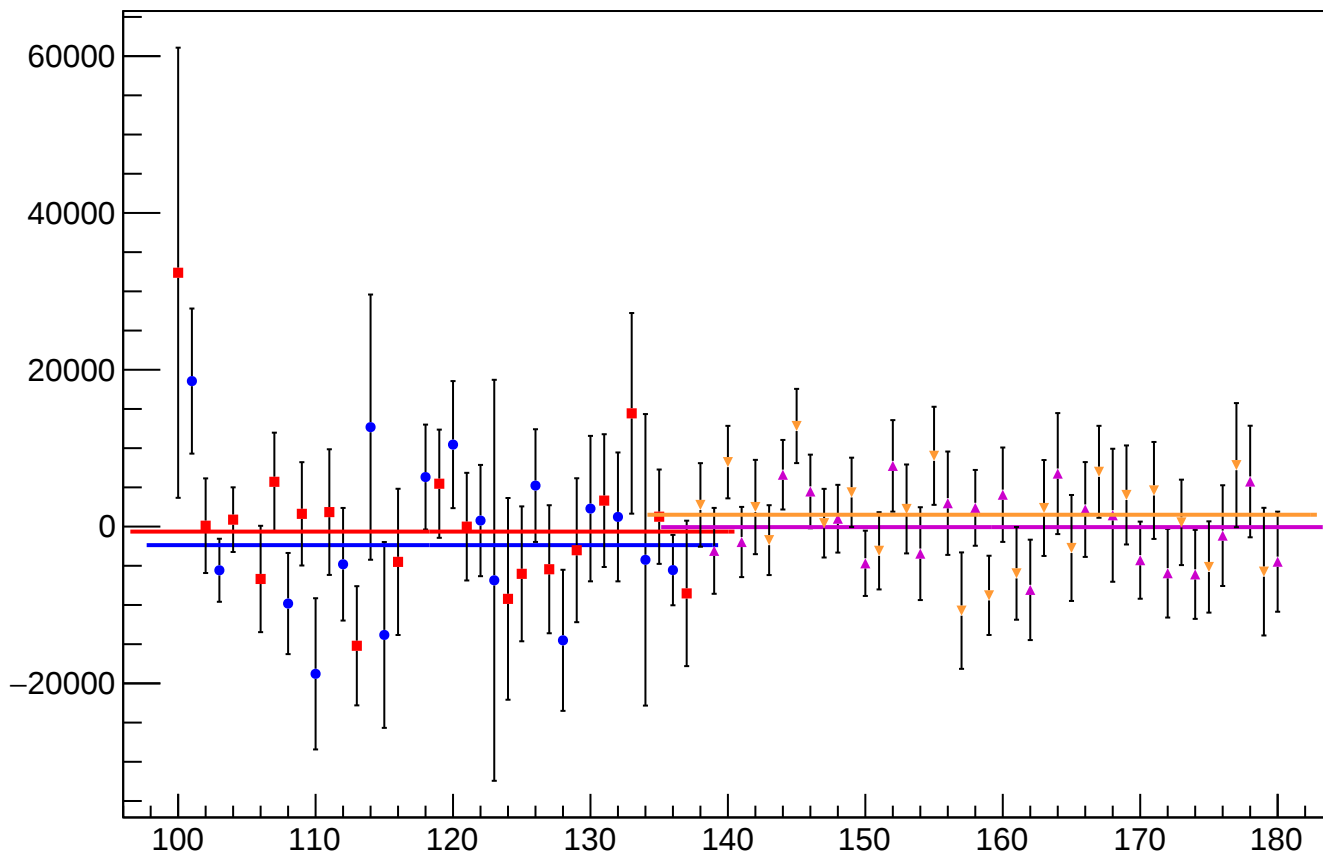
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 4197.021 $\pm$ 0.632 χ^2 /NDF:2240660.4/37

Out: 3948.379 $\pm$ 0.597 χ^2 /NDF:3403915.7/40

All: 4065.585 $\pm$ 0.434 χ^2 /NDF: 5726395.6/78

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1509.055 $\pm$ 1182.790 χ^2/NDF : 24.2/21

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

Left In: -69.380 $\pm$ 1198.120 χ^2/NDF : 14.7/20

Left: 730.000 $\pm$ 841.726 χ^2/NDF : 39.7/42

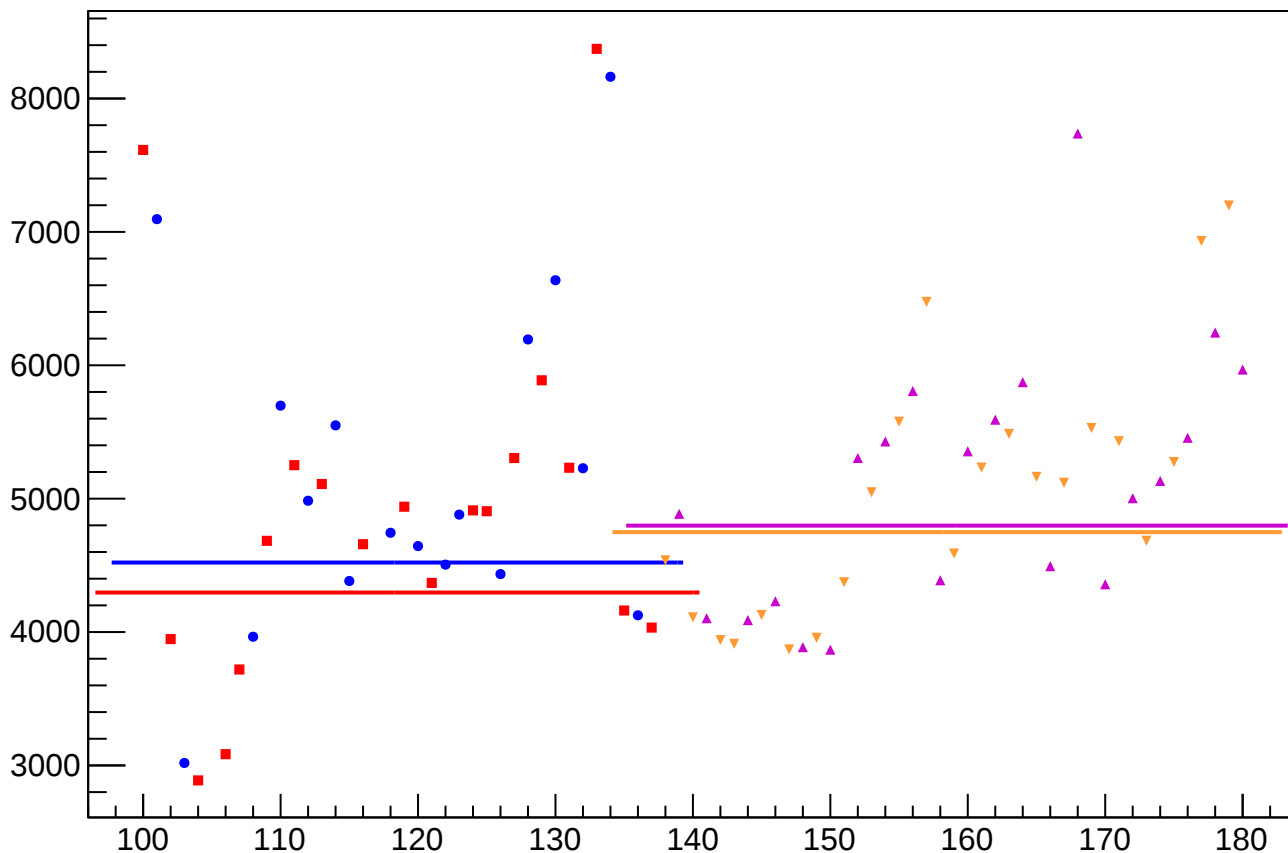
Right: -1449.011 $\pm$ 1232.750 χ^2/NDF : 32.4/35

In: -773.913 $\pm$ 997.707 χ^2/NDF : 35.9/37

Out: 802.279 $\pm$ 969.067 χ^2/NDF : 37.1/40

All: 37.130 $\pm$ 695.138 χ^2/NDF : 74.3/78

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4749.050+/-0.836 χ^2/NDF : 952233.6/21

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

Left In: 4798.008+/-0.847 χ^2/NDF : 945334.0/20

Left: 4773.214+/-0.595 χ^2/NDF : 1899258.9/42

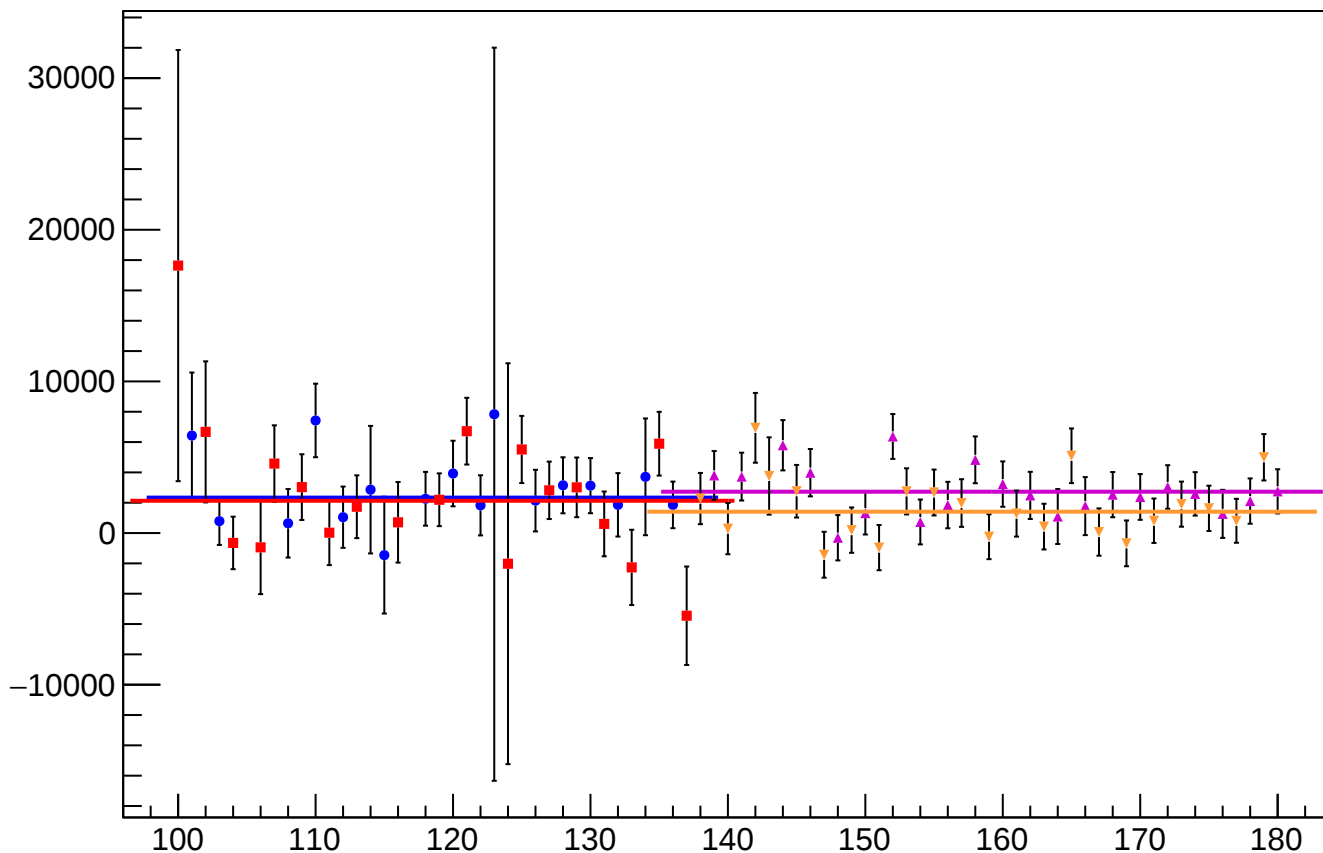
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4713.157+/-0.705 χ^2/NDF : 1756729.2/37

Out: 4599.161+/-0.684 χ^2/NDF : 1822420.7/40

All: 4654.395+/-0.491 χ^2/NDF : 3592608.9/78

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: 1408.308 $\pm$ 338.115 χ^2 /NDF:30.8/21

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

Left In: 2726.537 $\pm$ 335.406 χ^2 /NDF:22.5/20

Left: 2072.725 $\pm$ 238.120 χ^2 /NDF: 60.9/42

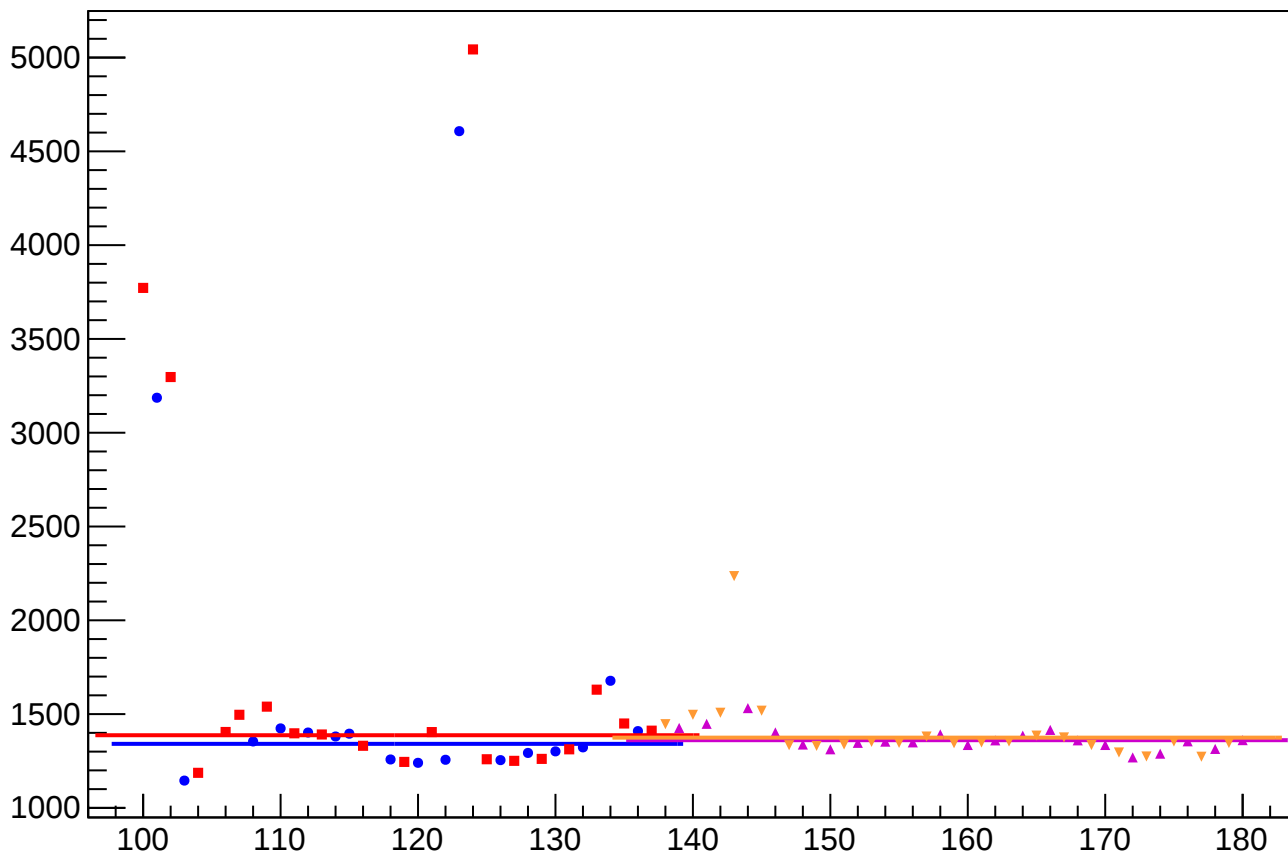
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2615.476 $\pm$ 283.593 χ^2 /NDF:32.5/37

Out: 1611.830 $\pm$ 286.458 χ^2 /NDF:59.6/40

All: 2118.697 $\pm$ 201.536 χ^2 /NDF: 98.2/78

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1374.491+/-0.239 χ^2/NDF : 297288.3/21

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

Left In: 1360.908+/-0.237 χ^2/NDF : 54456.7/20

Left: 1367.645+/-0.168 χ^2/NDF : 353371.7/42

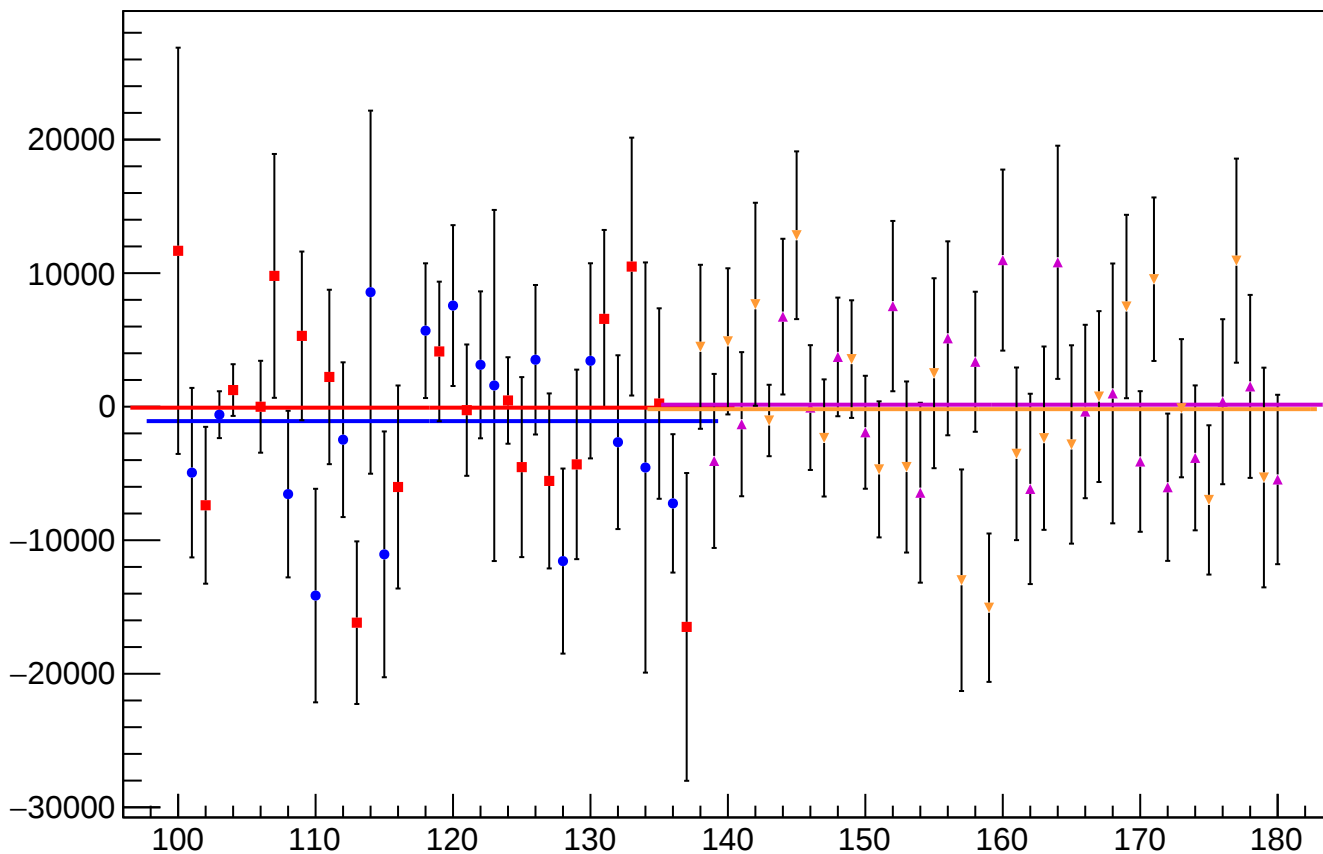
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1355.339+/-0.201 χ^2/NDF : 560662.8/37

Out: 1378.122+/-0.203 χ^2/NDF : 948298.3/40

All: 1366.618+/-0.142 χ^2/NDF : 1515351.0/78

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: -185.763 $\pm$ 1184.777 χ^2 /NDF:27.1/21

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

Left In: 149.328 $\pm$ 1284.859 χ^2 /NDF:13.9/20

Left: -31.774 $\pm$ 870.999 χ^2 /NDF: 41.0/42

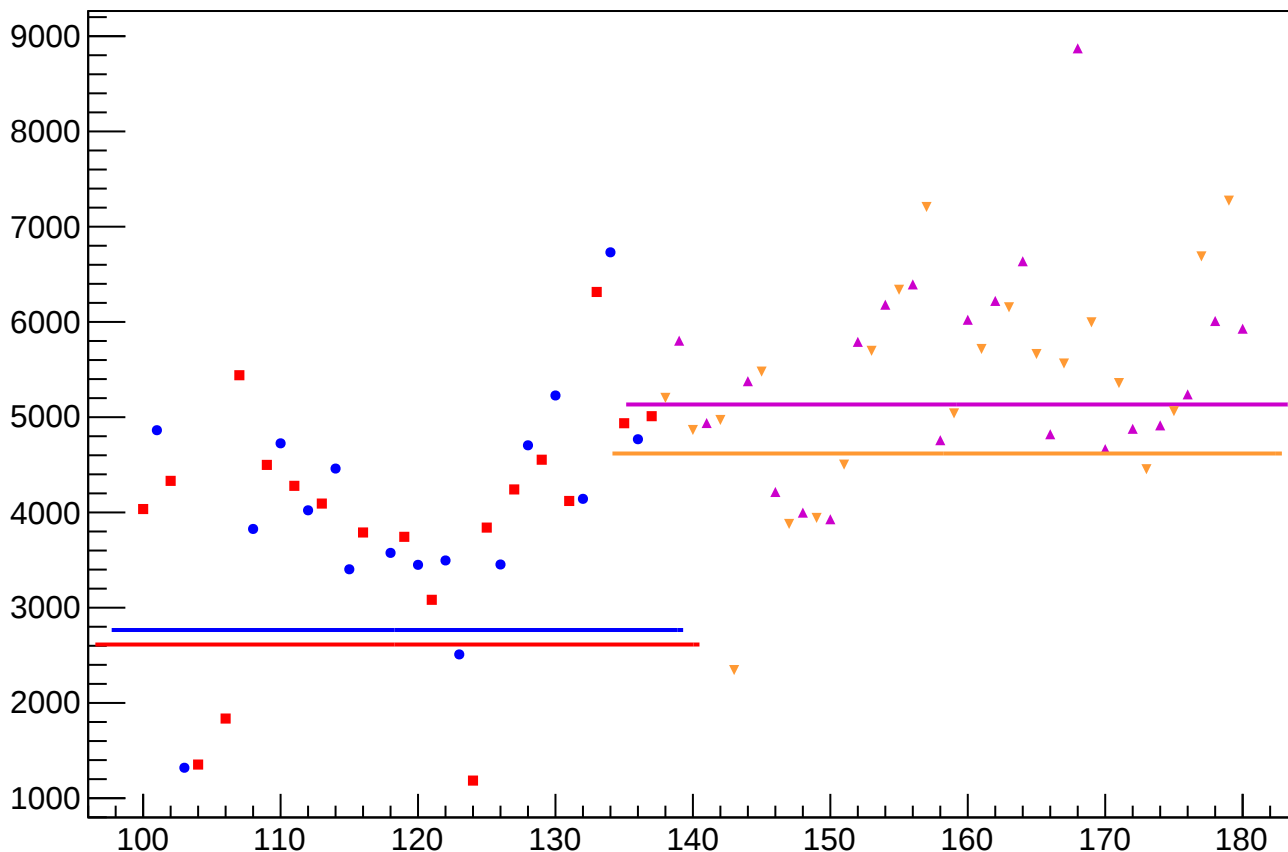
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -501.534 $\pm$ 881.793 χ^2 /NDF:29.4/37

Out: -127.098 $\pm$ 816.274 χ^2 /NDF:45.7/40

All: -299.890 $\pm$ 599.018 χ^2 /NDF: 75.2/78

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: 4618.703 $\pm$ 0.838 χ^2 /NDF: 2713983.6/21

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

Left In: 5133.442 $\pm$ 0.909 χ^2 /NDF: 1066083.1/20

Left: 4855.247 $\pm$ 0.616 χ^2 /NDF: 3953548.9/42

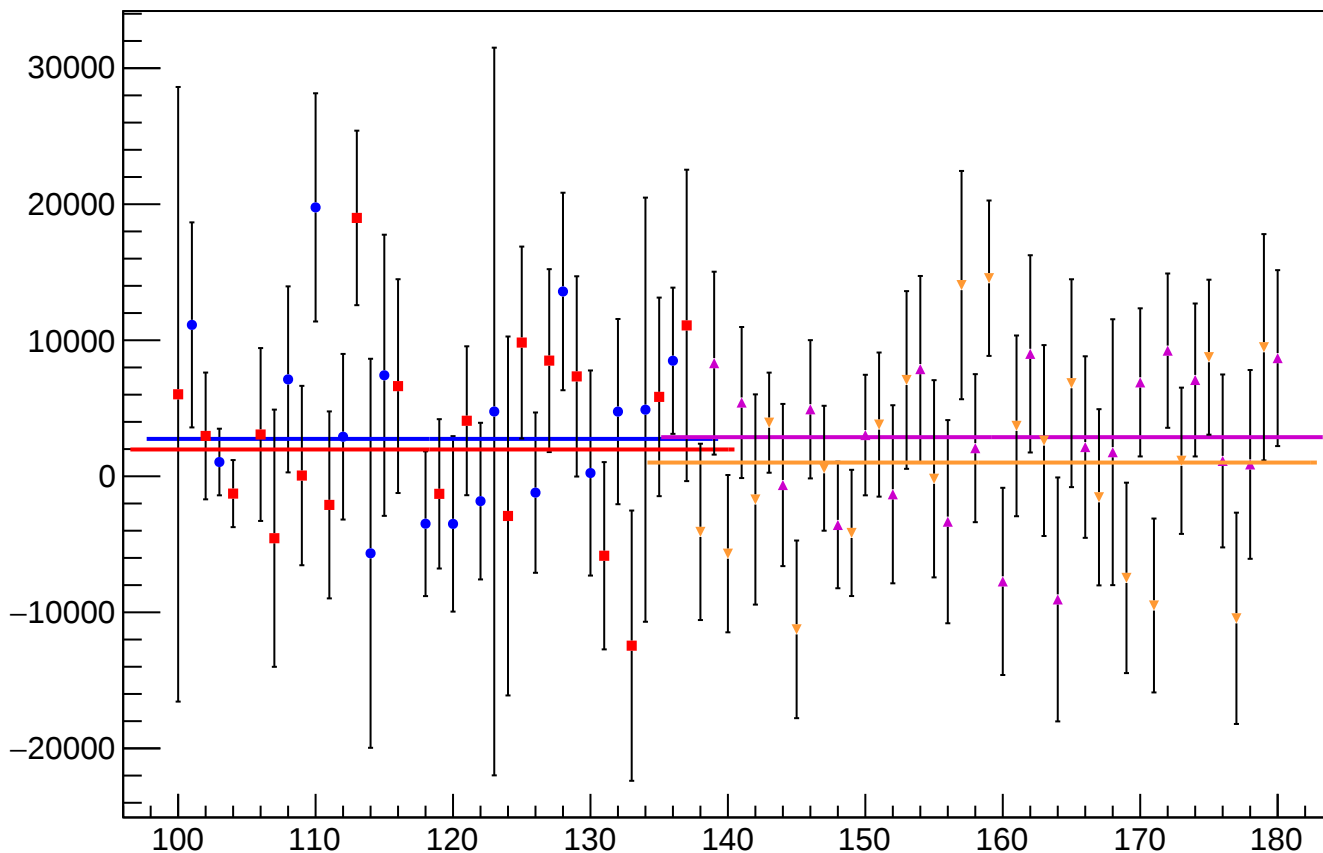
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3880.930 $\pm$ 0.624 χ^2 /NDF: 7597930.1/37

Out: 3565.255 $\pm$ 0.577 χ^2 /NDF: 9063836.2/40

All: 3710.931 $\pm$ 0.424 χ^2 /NDF: 16799799.5/71

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: 1010.060+/-1280.426 χ^2/NDF : 26.9/21

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

Left In: 2876.280+/-1328.776 χ^2/NDF : 13.2/20

Left: 1908.600+/-922.017 χ^2/NDF : 41.1/42

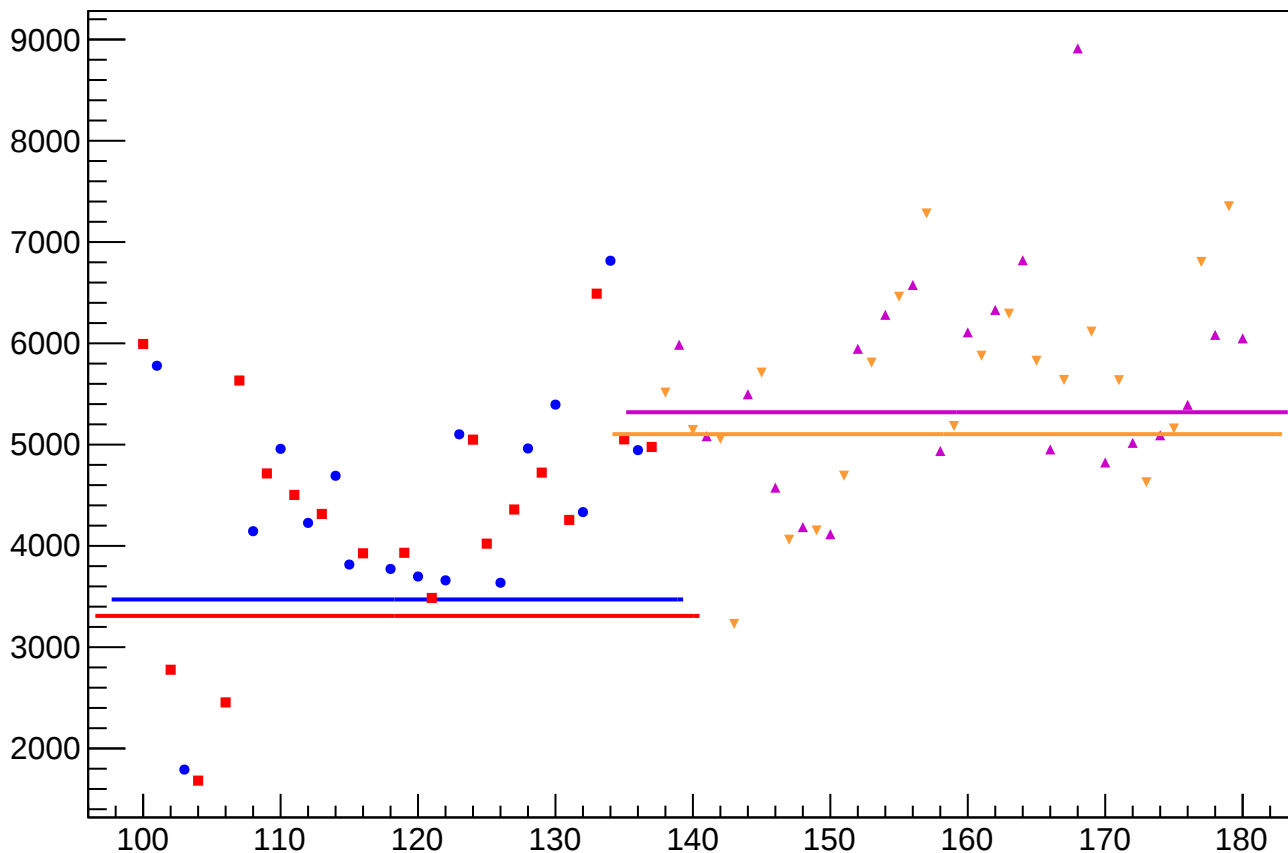
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2817.706+/-978.605 χ^2/NDF : 27.0/37

Out: 1454.095+/-939.165 χ^2/NDF : 45.0/40

All: 2107.869+/-677.604 χ^2/NDF : 72.9/78

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: 5103.308+/-0.905 χ^2/NDF : 1401903.2/21

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

Left In: 5319.808+/-0.940 χ^2/NDF : 931775.4/20

Left: 5207.548+/-0.652 χ^2/NDF : 2361208.9/42

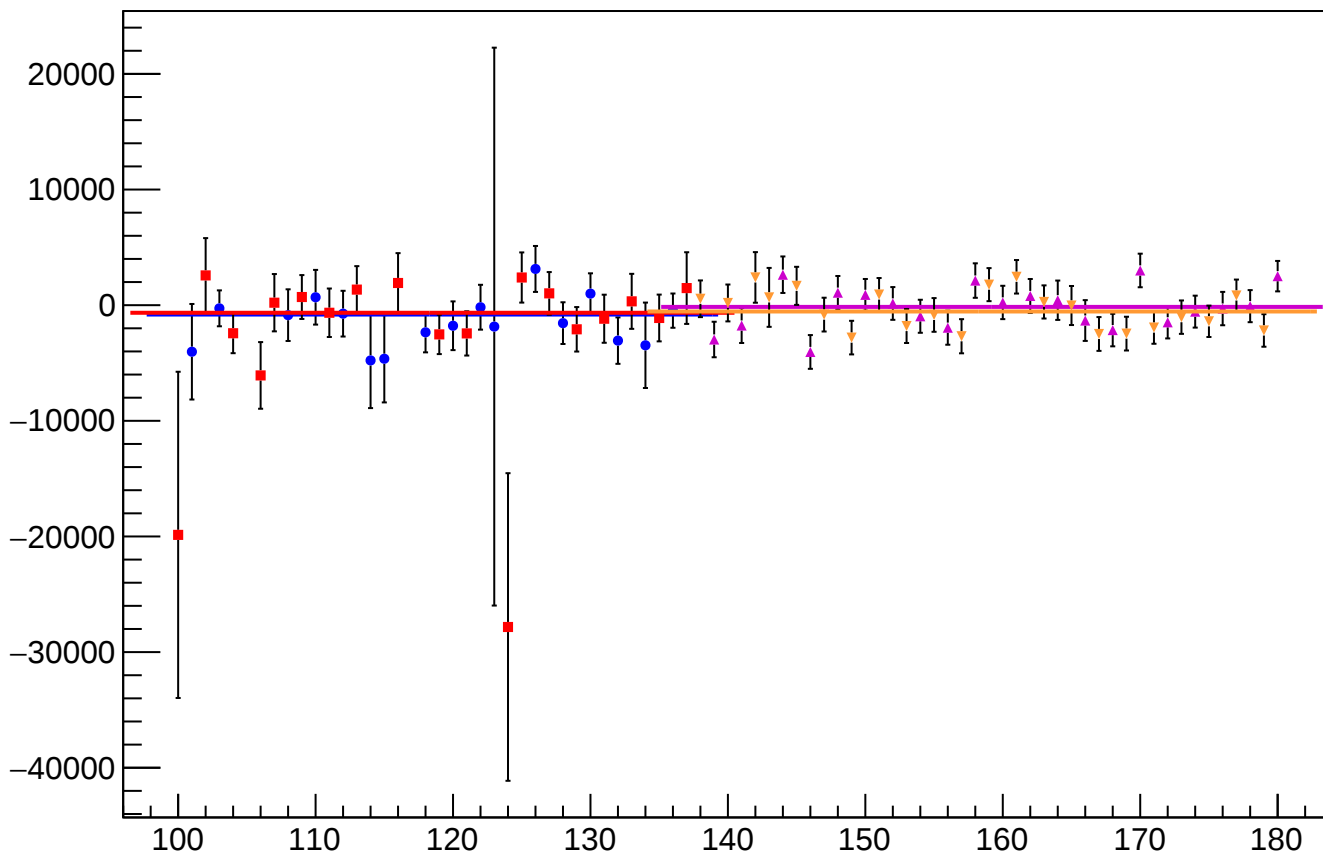
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4473.823+/-0.692 χ^2/NDF : 4471183.3/37

Out: 4265.920+/-0.661 χ^2/NDF : 5149667.0/40

All: 4365.157+/-0.478 χ^2/NDF : 9668033.0/78

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017 $\pm$ 518.190 χ^2 /NDF: 11.2/16

Left Out: -544.919 $\pm$ 321.754 χ^2 /NDF:25.6/21

Right Out: -656.248 $\pm$ 514.588 χ^2 /NDF: 20.4/18

Left In: -147.884 $\pm$ 318.559 χ^2 /NDF:33.1/20

Left: -344.420 $\pm$ 226.376 χ^2 /NDF: 59.5/42

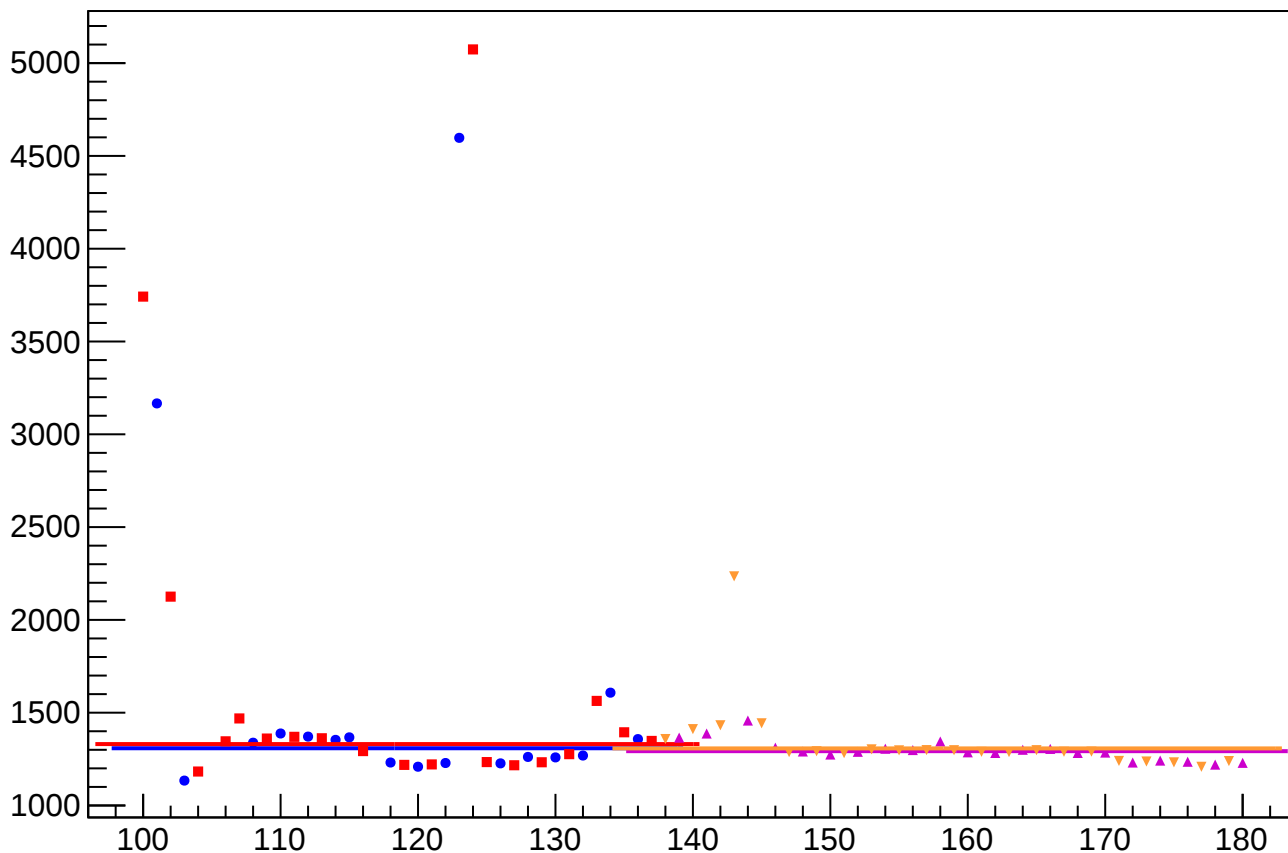
Right: -732.099 $\pm$ 365.136 χ^2 /NDF: 31.6/35

In: -329.212 $\pm$ 271.380 χ^2 /NDF:45.5/37

Out: -576.210 $\pm$ 272.814 χ^2 /NDF:46.1/40

All: -452.060 $\pm$ 192.400 χ^2 /NDF: 92.0/78

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1307.557 $\pm$ 0.228 χ^2 /NDF: 328836.7/21

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

Left In: 1292.669 $\pm$ 0.225 χ^2 /NDF: 57758.5/20

Left: 1300.039 $\pm$ 0.160 χ^2 /NDF: 388757.5/42

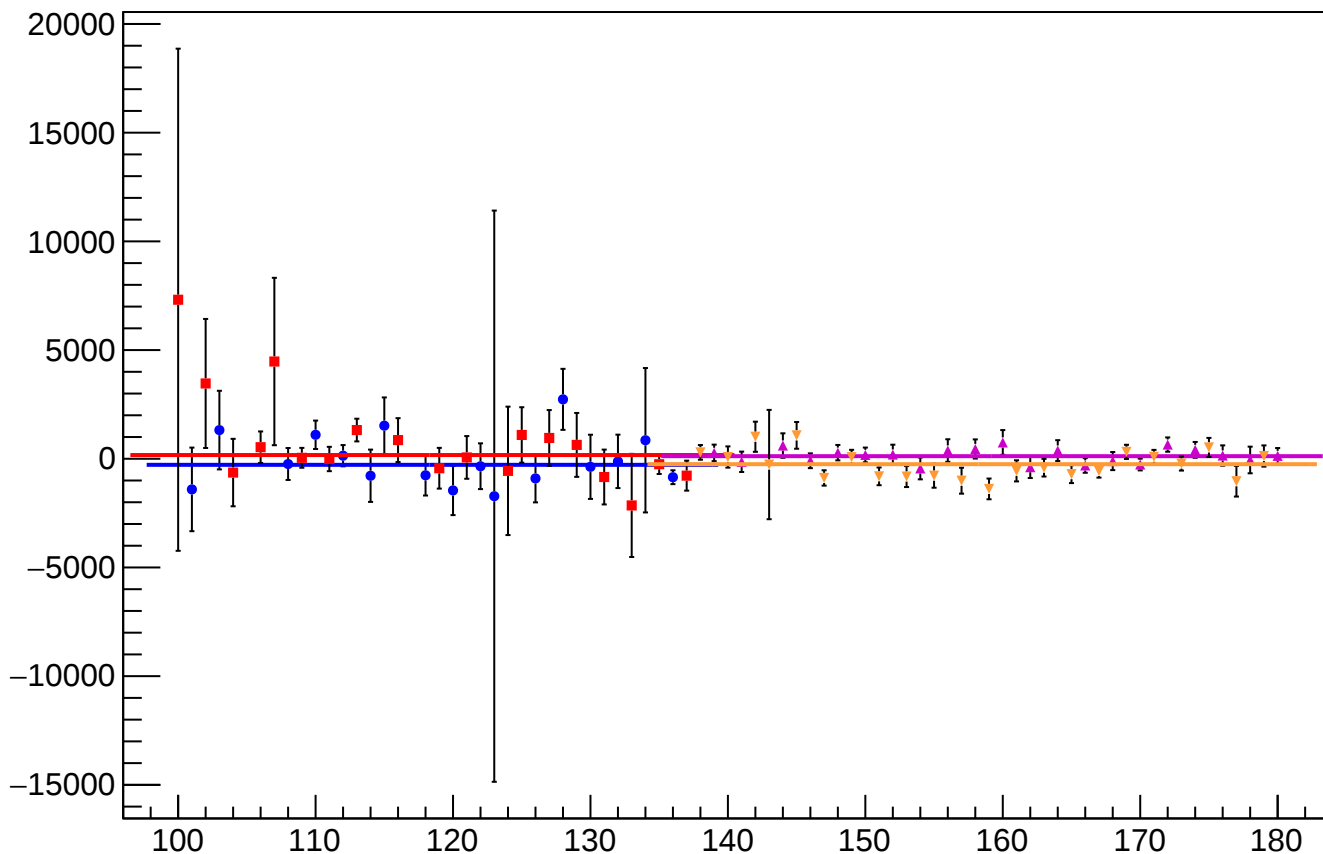
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1296.975 $\pm$ 0.192 χ^2 /NDF: 565635.4/37

Out: 1314.107 $\pm$ 0.193 χ^2 /NDF: 747630.9/40

All: 1305.496 $\pm$ 0.136 χ^2 /NDF: 1317230.6/78

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: -249.225+/-90.280 χ^2/NDF :38.6/21

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

Left In: 119.014+/-88.043 χ^2/NDF :13.7/20

Left: -60.486+/-63.032 χ^2/NDF : 60.8/42

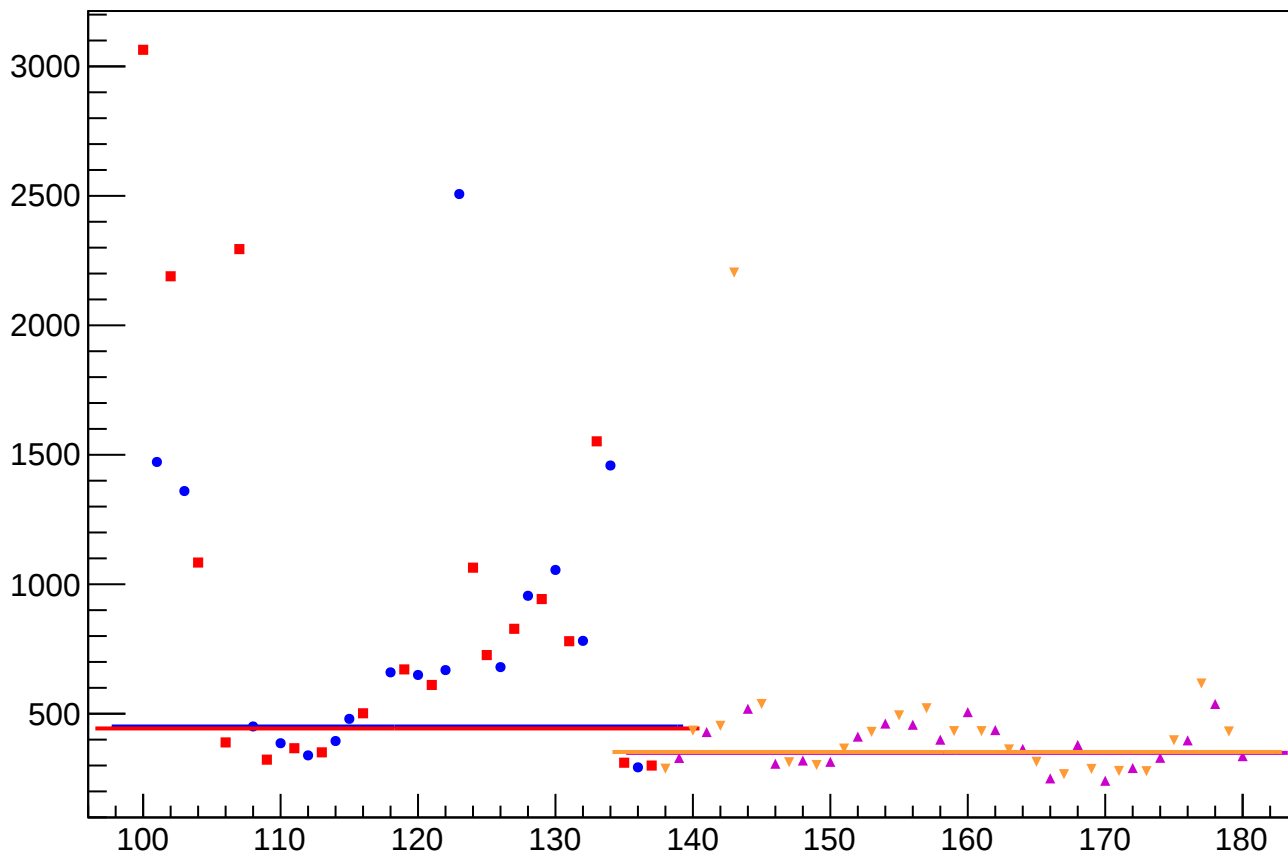
Right: -47.033+/-138.049 χ^2/NDF : 35.4/35

In: 53.425+/-80.456 χ^2/NDF :35.1/37

Out: -173.329+/-81.734 χ^2/NDF :57.2/40

All: -58.165+/-57.338 χ^2/NDF : 96.3/78

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: 352.341+/-0.064 χ^2/NDF : 2789988.6/21

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

Left In: 348.777+/-0.062 χ^2/NDF : 1561651.2/20

Left: 350.514+/-0.045 χ^2/NDF : 4353237.2/42

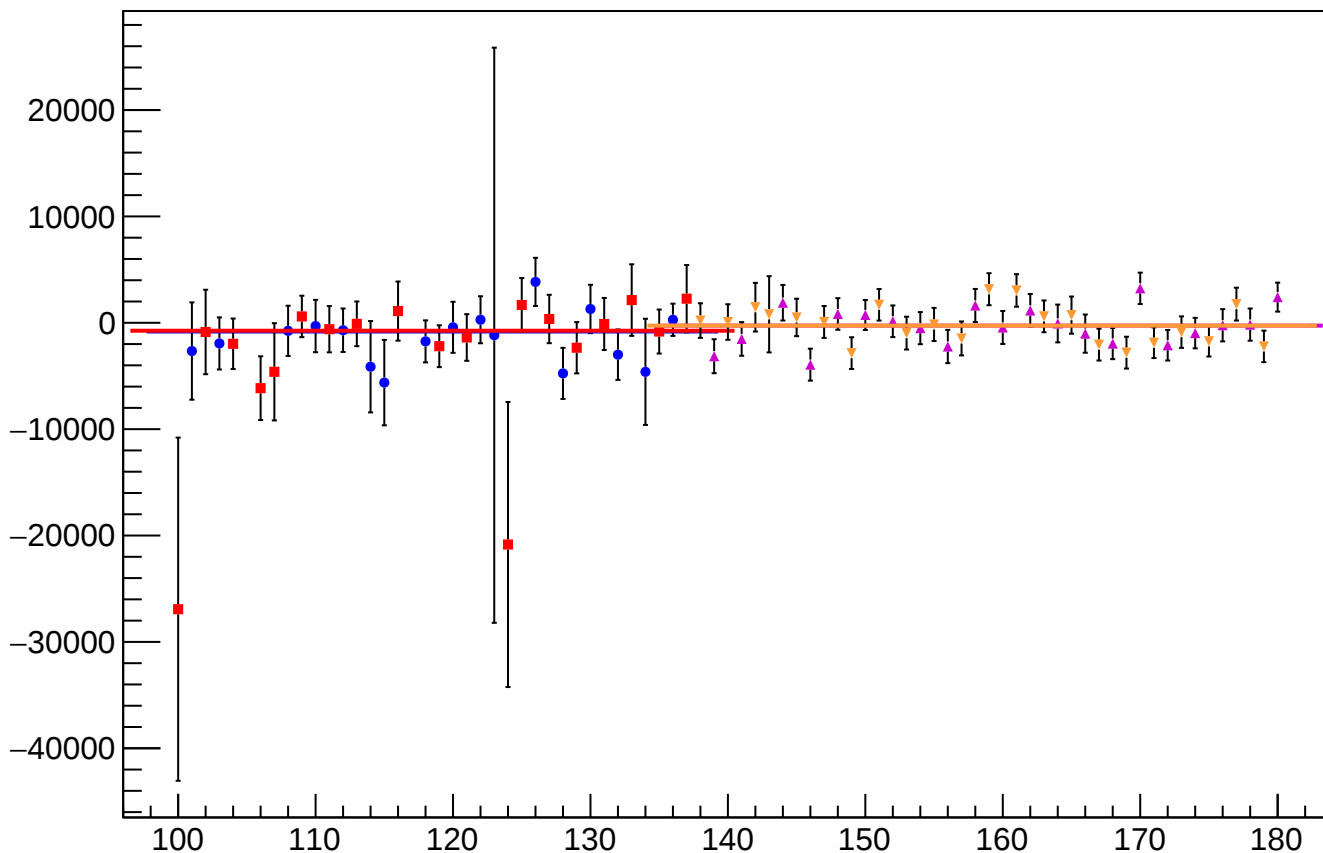
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 365.568+/-0.057 χ^2/NDF : 5000498.8/37

Out: 368.708+/-0.058 χ^2/NDF : 6625875.4/40

All: 367.113+/-0.041 χ^2/NDF : 11627874.1/78

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: -266.221 $\pm$ 338.221 χ^2 /NDF:27.3/21

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

Left In: -265.948 $\pm$ 332.857 χ^2 /NDF:29.5/20

Left: -266.082 $\pm$ 237.239 χ^2 /NDF: 56.8/42

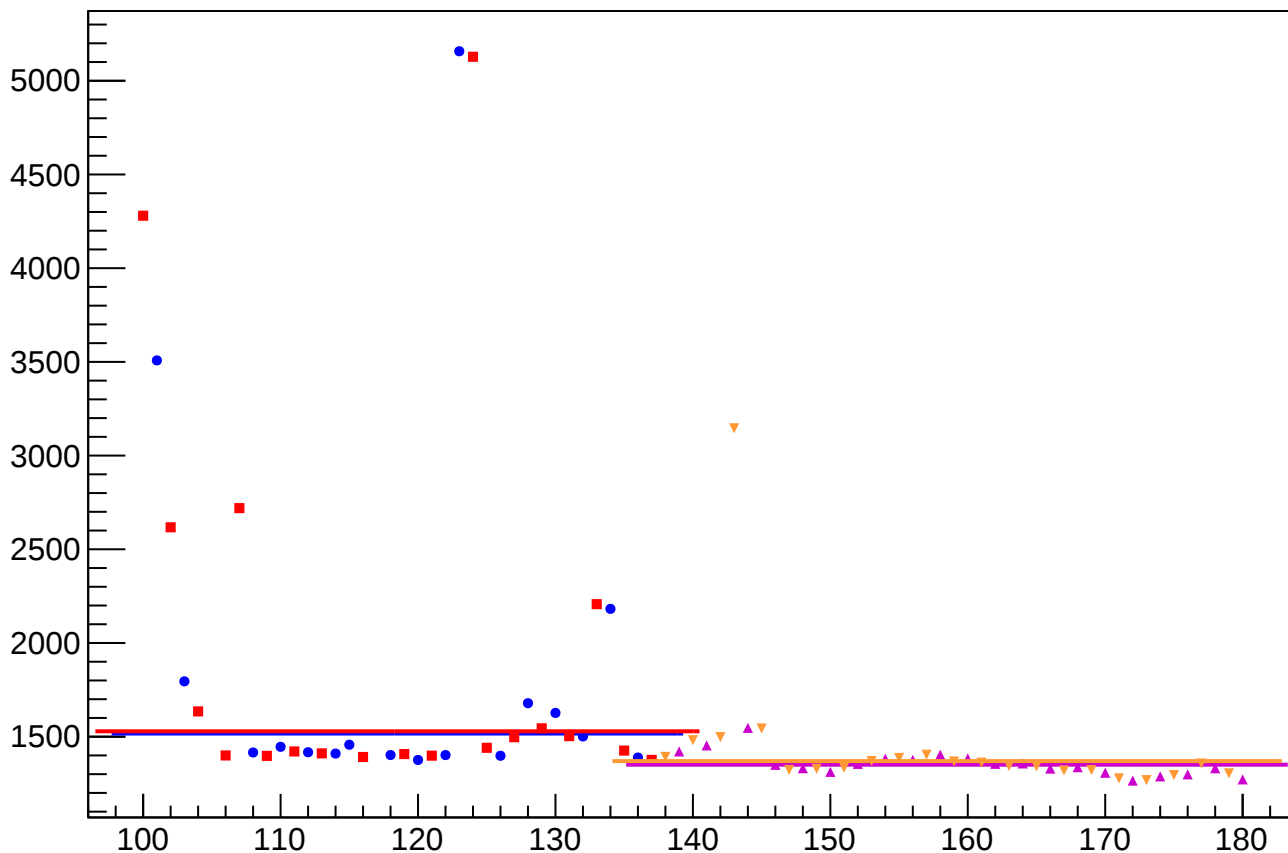
Right: -781.413 $\pm$ 423.122 χ^2 /NDF: 26.8/35

In: -395.276 $\pm$ 291.198 χ^2 /NDF:42.8/37

Out: -383.282 $\pm$ 294.116 χ^2 /NDF:41.9/40

All: -389.339 $\pm$ 206.932 χ^2 /NDF: 84.7/78

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: 1369.814+/-0.239 χ^2/NDF : 564470.1/21

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

Left In: 1350.649+/-0.235 χ^2/NDF : 68623.2/20

Left: 1360.078+/-0.168 χ^2/NDF : 636355.6/42

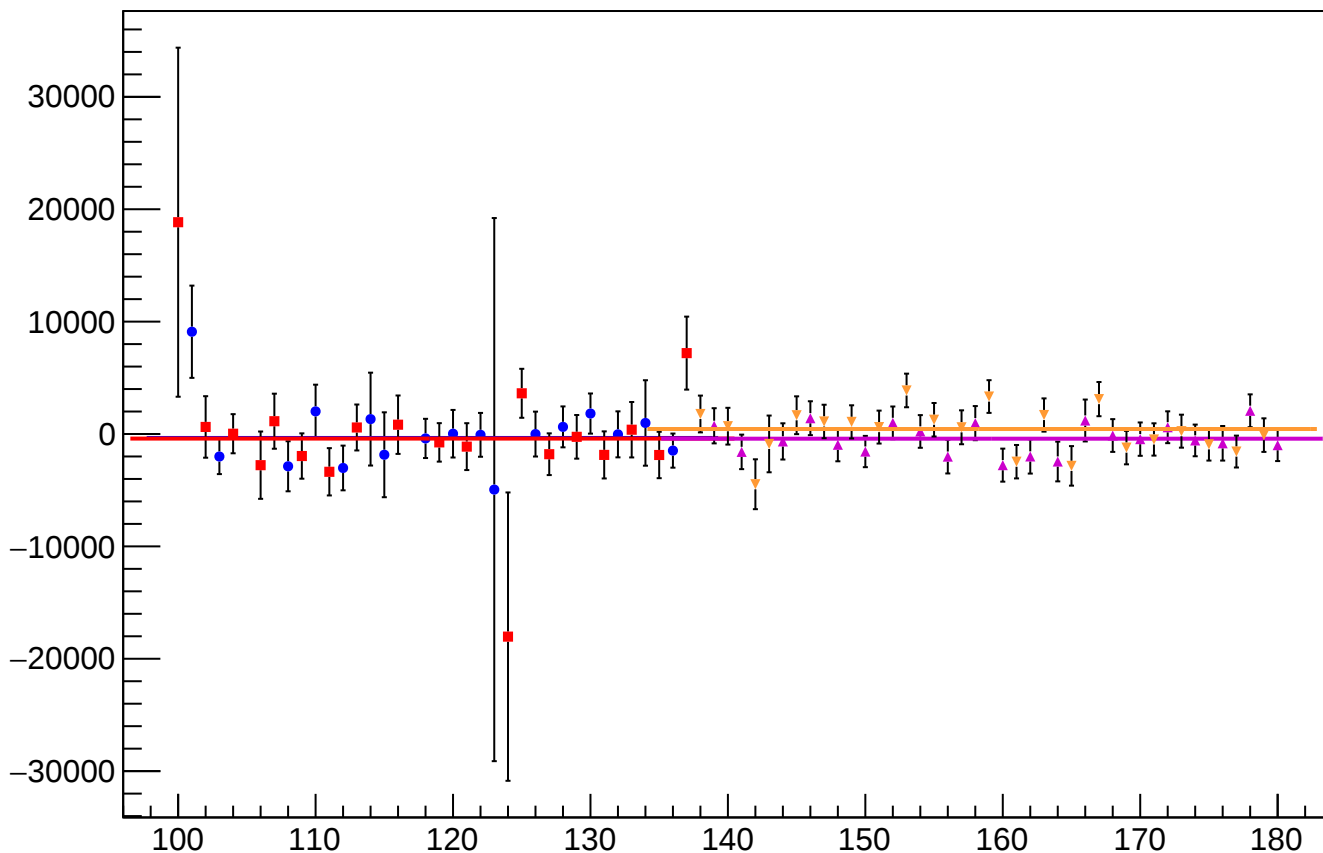
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1389.667+/-0.206 χ^2/NDF : 726785.8/37

Out: 1408.590+/-0.208 χ^2/NDF : 1302470.5/40

All: 1399.034+/-0.146 χ^2/NDF : 2033436.6/78

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 444.187 ± 330.932 χ^2/NDF : 32.1/21

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

Left In: -417.497 ± 328.370 χ^2/NDF : 15.9/20

Left: 9.996 ± 233.093 χ^2/NDF : 51.4/42

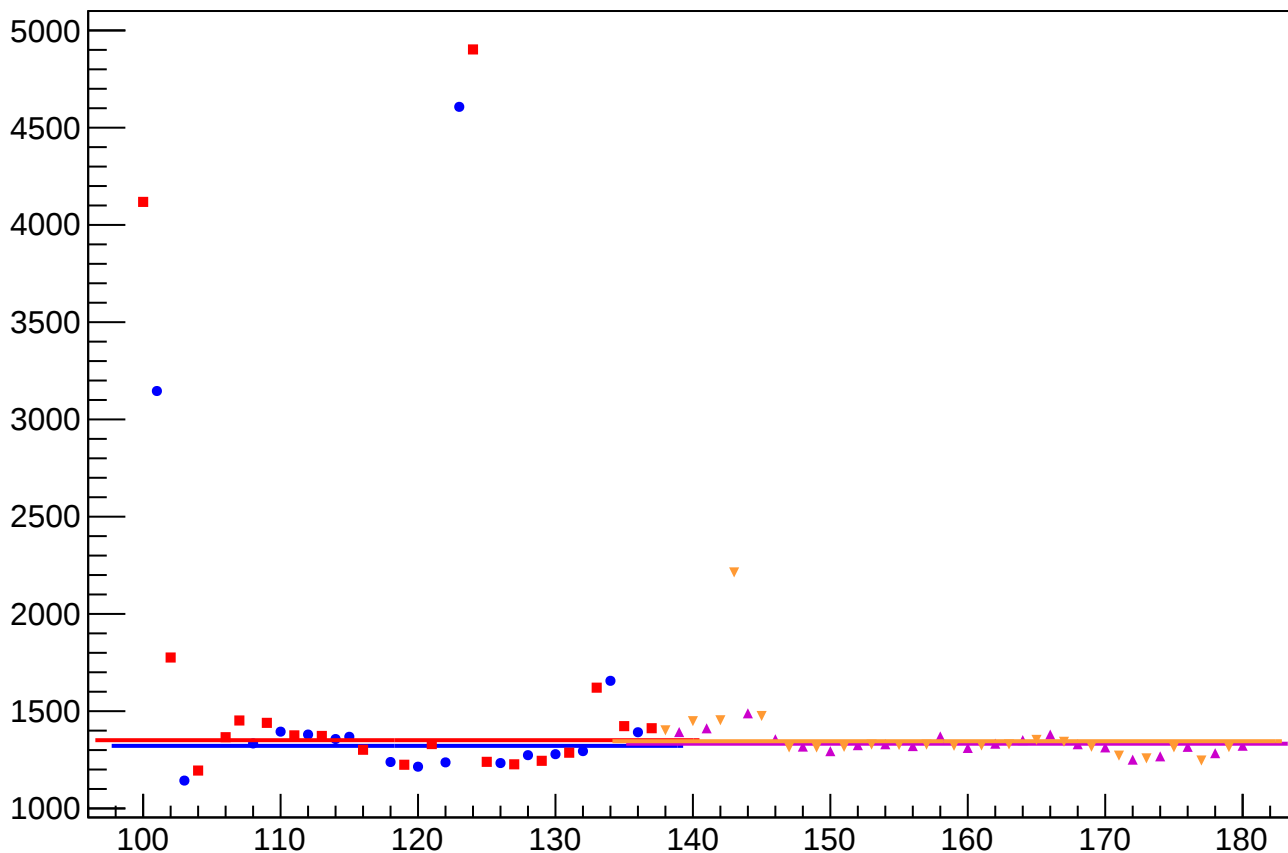
Right: -380.326 ± 369.594 χ^2/NDF : 31.8/35

In: -399.314 ± 278.148 χ^2/NDF : 29.3/37

Out: 200.079 ± 279.504 χ^2/NDF : 52.4/40

All: -101.075 ± 197.158 χ^2/NDF : 84.0/78

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: 1345.536 $\pm$ 0.234 χ^2 /NDF: 293059.2/21

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

Left In: 1332.673 $\pm$ 0.232 χ^2 /NDF: 46342.6/20

Left: 1339.054 $\pm$ 0.165 χ^2 /NDF: 340924.3/42

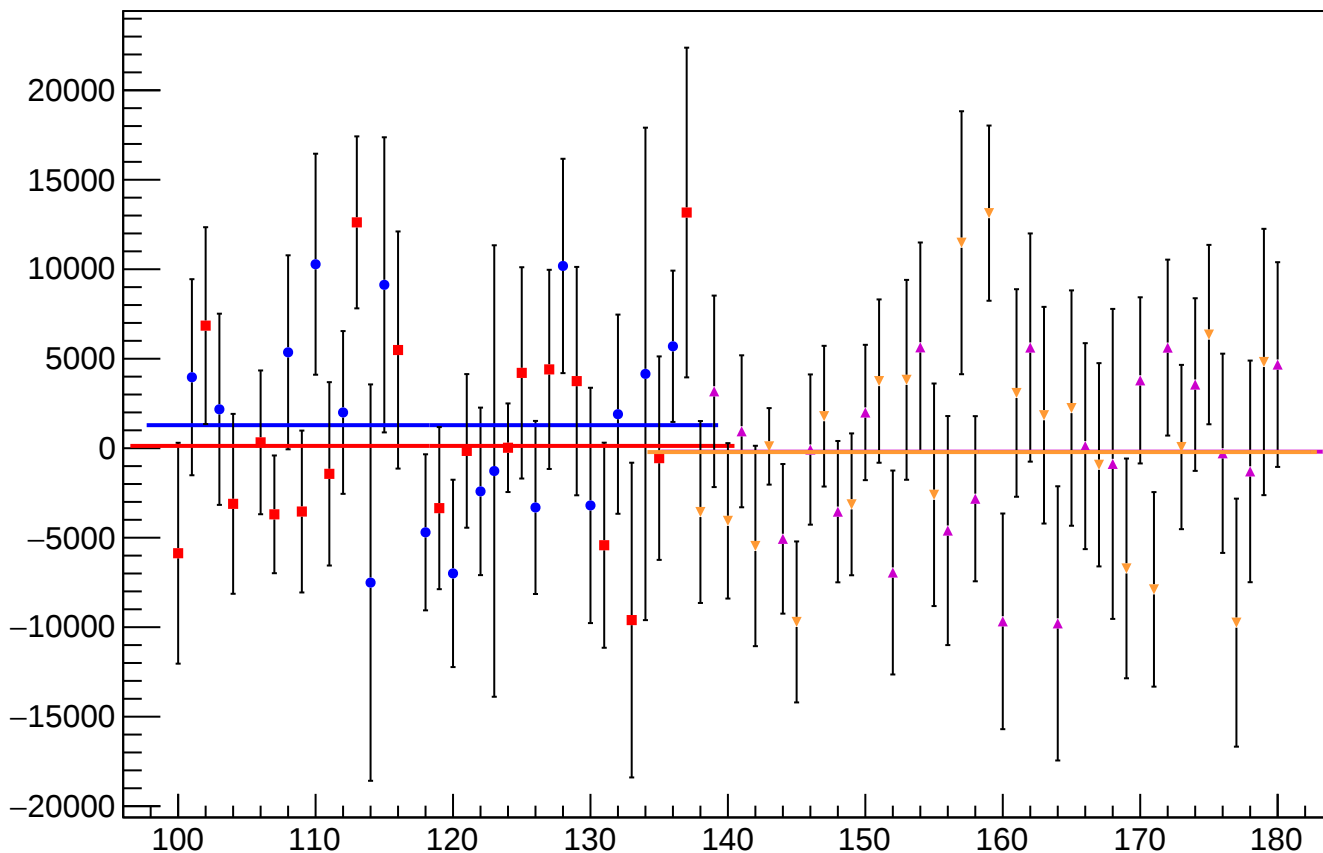
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1329.574 $\pm$ 0.197 χ^2 /NDF: 549218.9/37

Out: 1347.038 $\pm$ 0.198 χ^2 /NDF: 643086.7/40

All: 1338.265 $\pm$ 0.139 χ^2 /NDF: 1196229.5/78

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: -215.535+/-1007.968 χ^2/NDF : 26.6/21

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

Left In: -192.496+/-1116.423 χ^2/NDF : 14.5/20

Left: -205.189+/-748.154 χ^2/NDF : 41.0/42

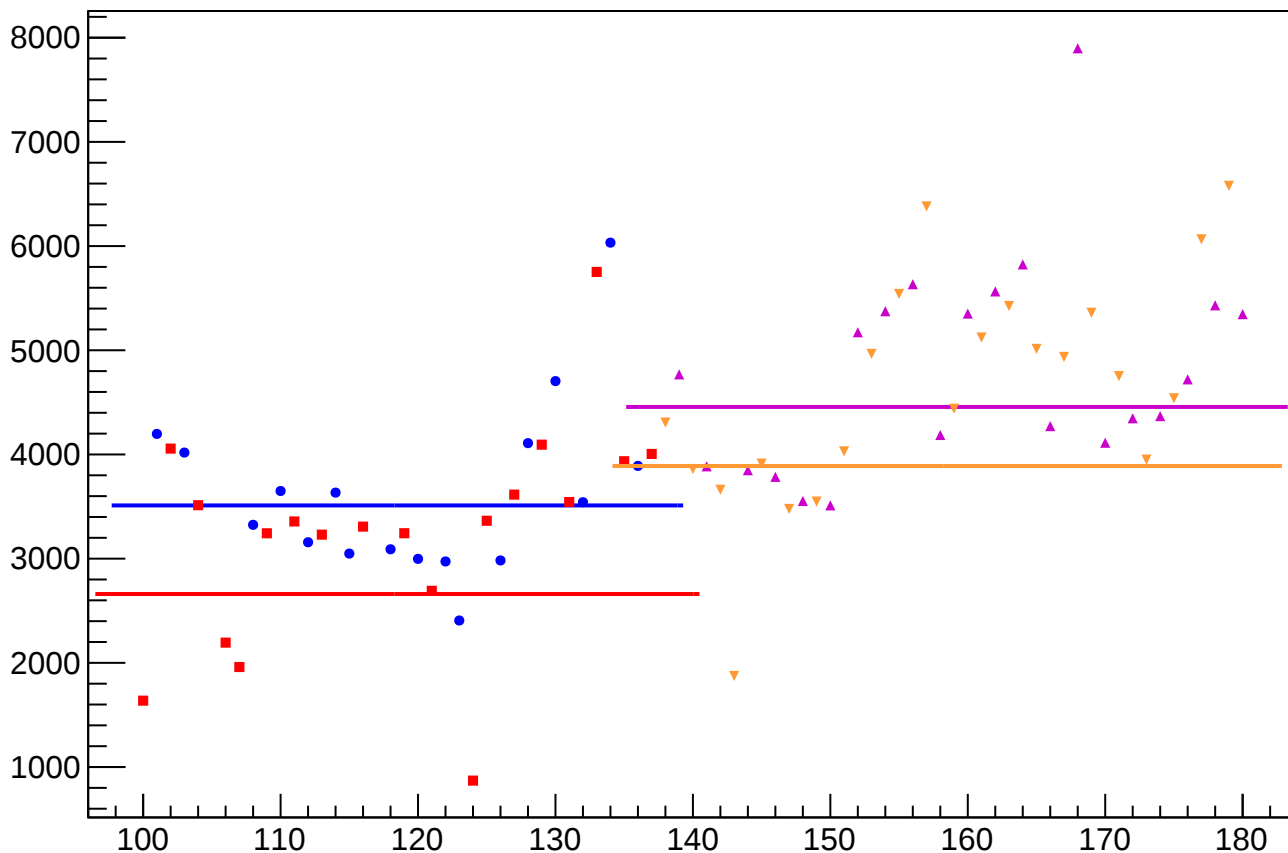
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 395.093+/-866.921 χ^2/NDF : 29.4/37

Out: -56.455+/-739.495 χ^2/NDF : 45.1/40

All: 133.725+/-562.613 χ^2/NDF : 74.7/78

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: 3889.465 $\pm$ 0.713 χ^2 /NDF:3306410.0/21

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

Left In: 4456.116 $\pm$ 0.789 χ^2 /NDF:1122641.7/20

Left: 4143.937 $\pm$ 0.529 χ^2 /NDF: 4712903.1/42

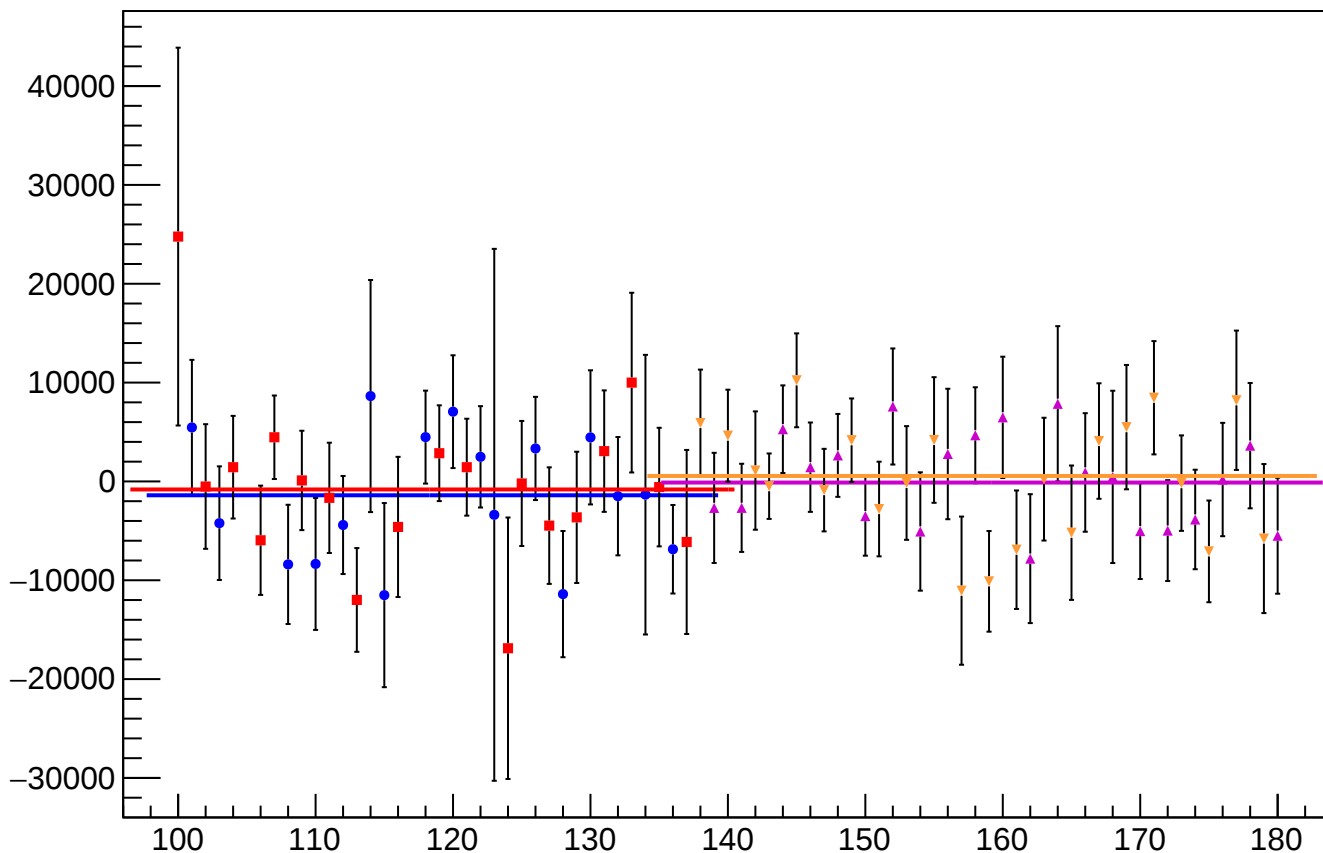
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 4080.804 $\pm$ 0.613 χ^2 /NDF:2035997.2/37

Out: 3322.043 $\pm$ 0.523 χ^2 /NDF:6861637.9/40

All: 3641.612 $\pm$ 0.398 χ^2 /NDF: 9784444.3/78

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: 553.124 $\pm$ 1124.286 χ^2 /NDF: 23.7/21

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

Left In: -113.600 $\pm$ 1165.804 χ^2 /NDF: 14.1/20

Left: 231.845 $\pm$ 809.270 χ^2 /NDF: 38.1/42

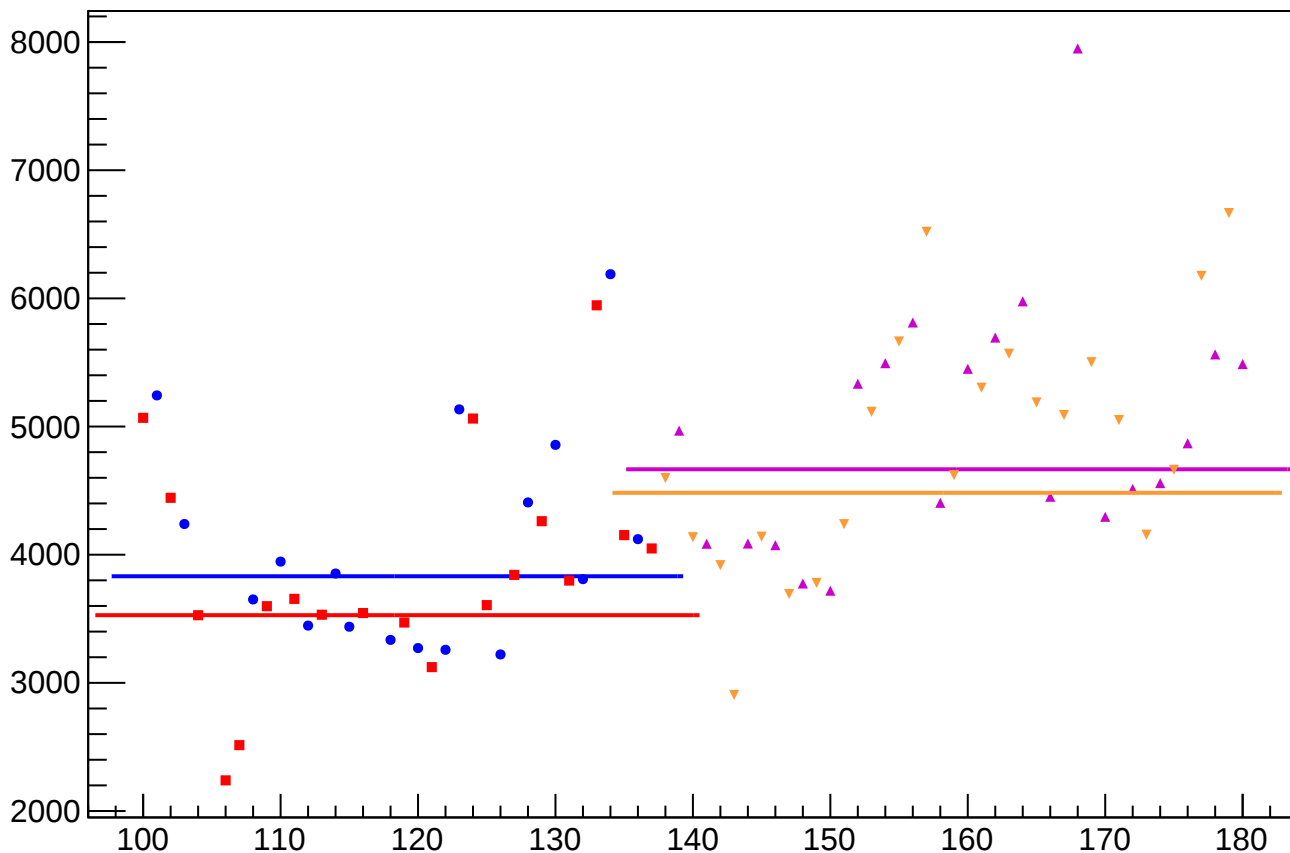
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -596.900 $\pm$ 921.443 χ^2 /NDF: 30.4/37

Out: 7.266 $\pm$ 871.409 χ^2 /NDF: 38.6/40

All: -277.970 $\pm$ 633.129 χ^2 /NDF: 69.2/78

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818 ± 1.064 $\chi^2/\text{NDF}: 337707.1/16$

Left Out: 4482.749 ± 0.795 $\chi^2/\text{NDF}: 1377008.8/21$

Right Out: 3528.100 ± 0.966 $\chi^2/\text{NDF}: 557192.5/18$

Left In: 4666.443 ± 0.824 $\chi^2/\text{NDF}: 961017.6/20$

Left: 4571.267 ± 0.572 $\chi^2/\text{NDF}: 2363754.1/42$

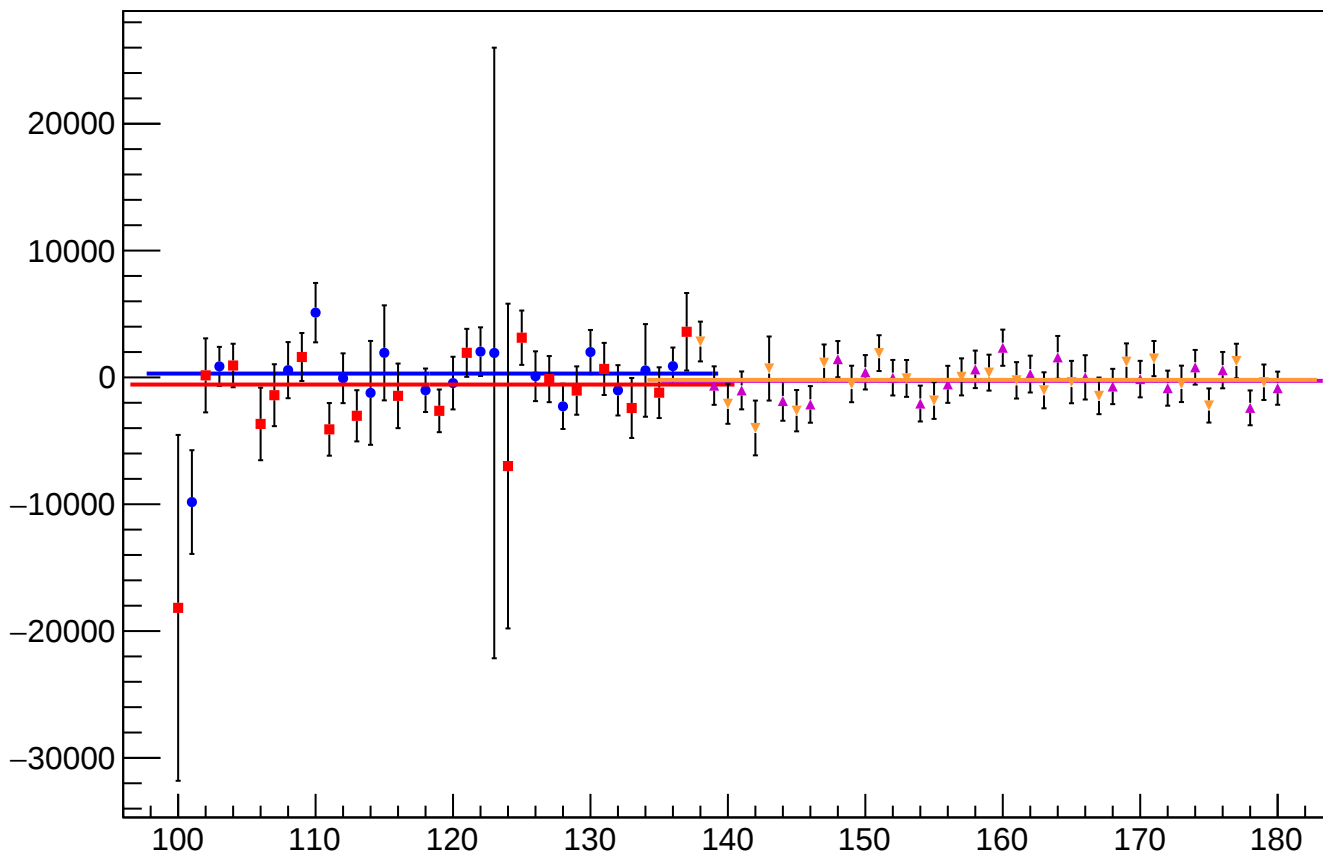
Right: 3665.441 ± 0.715 $\chi^2/\text{NDF}: 939571.7/35$

In: 4353.215 ± 0.652 $\chi^2/\text{NDF}: 1683432.2/37$

Out: 4097.412 ± 0.614 $\chi^2/\text{NDF}: 2516252.9/40$

All: 4217.714 ± 0.447 $\chi^2/\text{NDF}: 4281334.4/78$

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: -194.536 $\pm$ 318.631 χ^2 /NDF:22.3/21

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

Left In: -270.217 $\pm$ 315.455 χ^2 /NDF:15.3/20

Left: -232.756 $\pm$ 224.175 χ^2 /NDF: 37.6/42

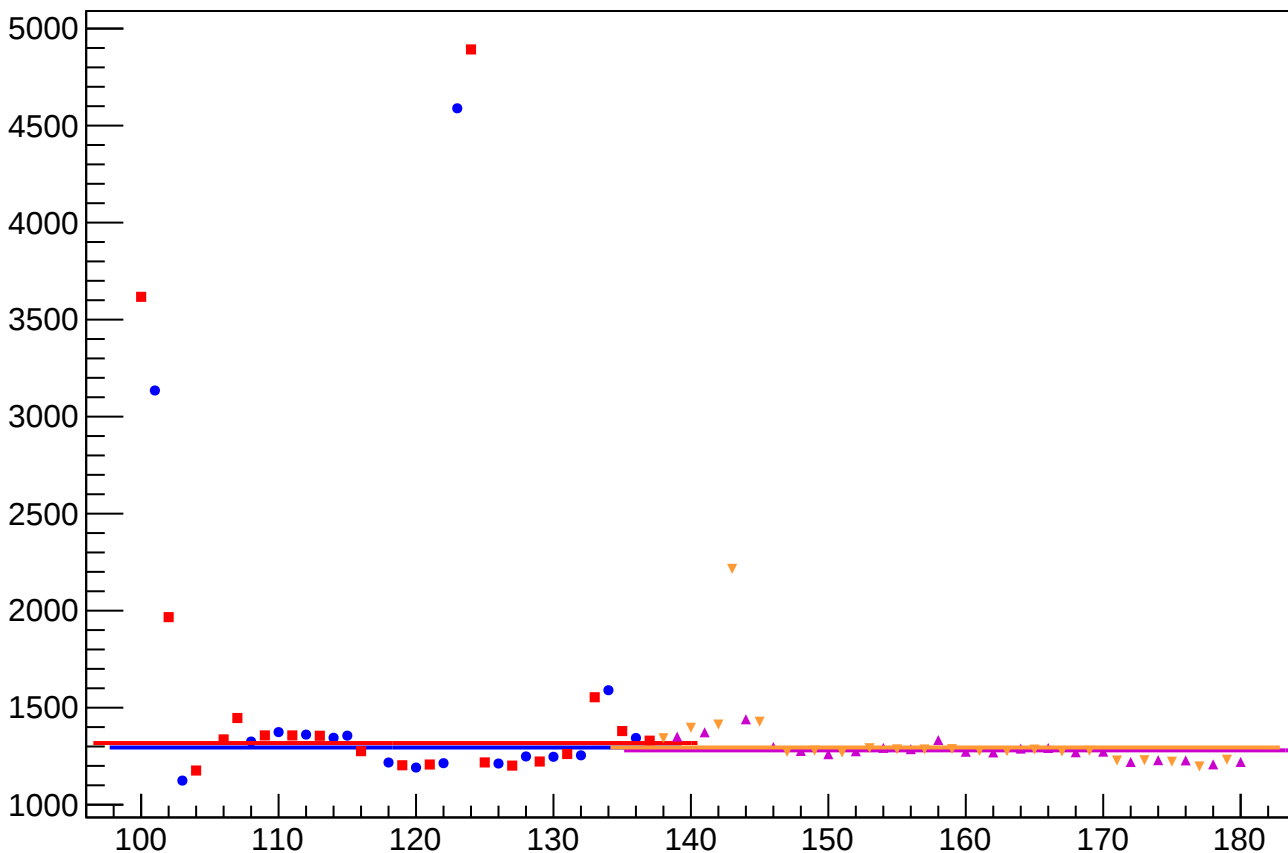
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -113.149 $\pm$ 268.691 χ^2 /NDF:32.3/37

Out: -298.254 $\pm$ 269.978 χ^2 /NDF:41.8/40

All: -205.259 $\pm$ 190.447 χ^2 /NDF: 74.3/78

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1294.832+/-0.225 χ^2/NDF : 327384.5/21

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

Left In: 1280.064+/-0.223 χ^2/NDF : 55942.4/20

Left: 1287.374+/-0.159 χ^2/NDF : 385496.6/42

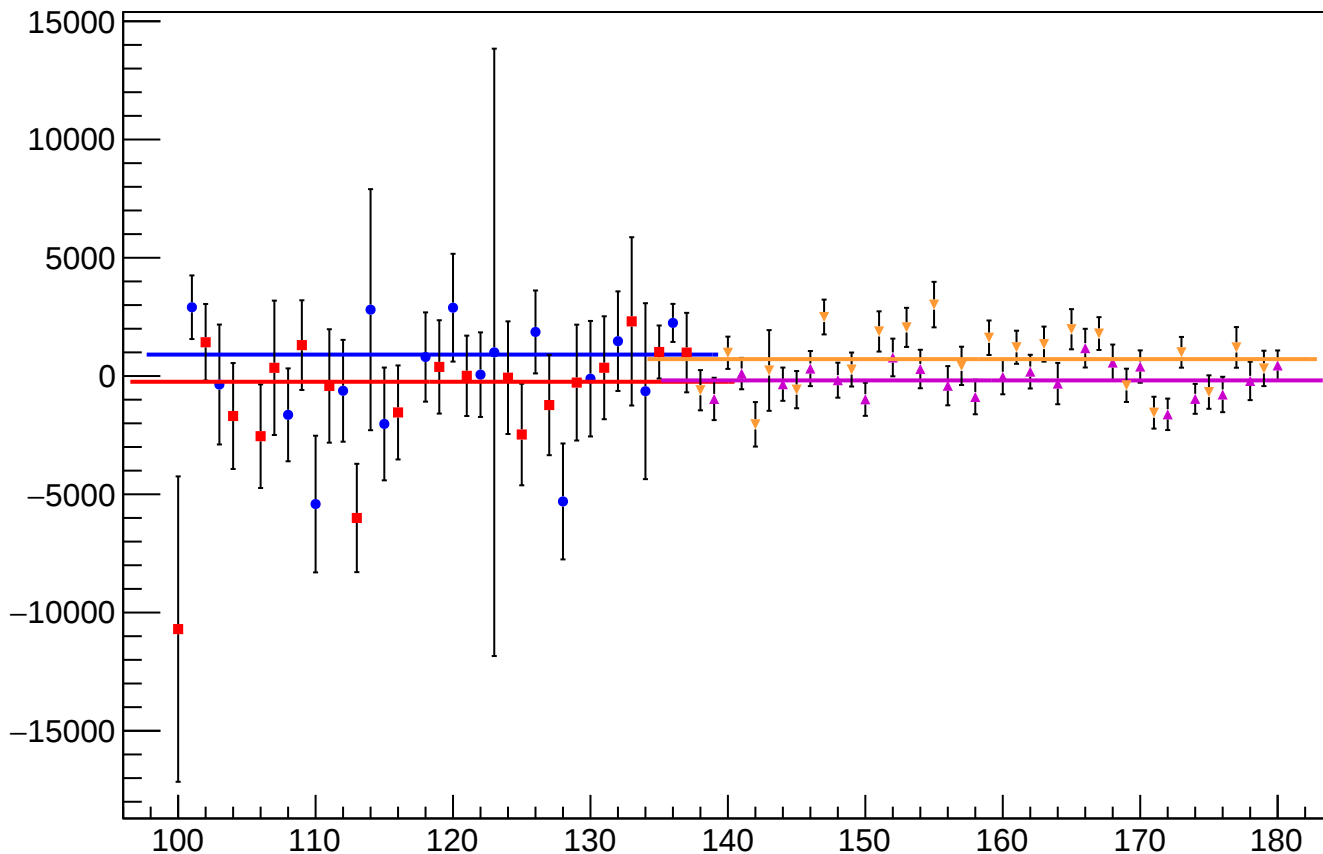
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1284.090+/-0.190 χ^2/NDF : 564932.9/37

Out: 1301.308+/-0.191 χ^2/NDF : 721120.3/40

All: 1292.658+/-0.135 χ^2/NDF : 1290140.0/78

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688+/-455.840 χ^2/NDF : 22.0/16

Left Out: 714.483+/-164.847 χ^2/NDF :56.4/21

Right Out: -242.305+/-463.339 χ^2/NDF : 16.5/18

Left In: -184.847+/-160.784 χ^2/NDF :18.2/20

Left: 253.598+/-115.101 χ^2/NDF : 89.9/42

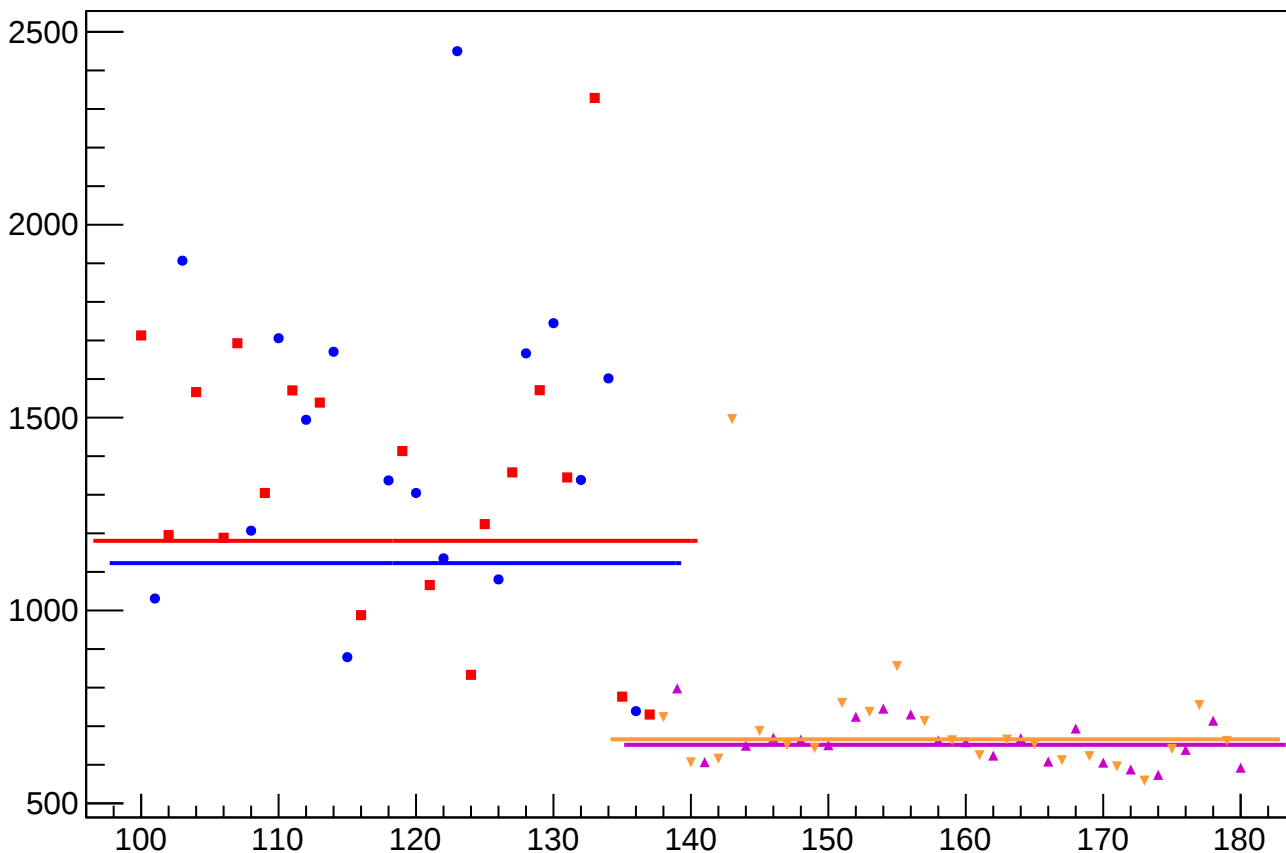
Right: 341.565+/-324.946 χ^2/NDF : 41.6/35

In: -64.073+/-151.628 χ^2/NDF :45.3/37

Out: 606.981+/-155.310 χ^2/NDF :76.7/40

All: 263.404+/-108.496 χ^2/NDF : 131.6/78

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: 665.984 $\pm$ 0.117 χ^2/NDF : 758569.7/21

Right Out: 1180.554 $\pm$ 0.328 χ^2/NDF : 1035382.2/18

Left In: 651.771 $\pm$ 0.114 χ^2/NDF : 229965.1/20

Left: 658.700 $\pm$ 0.081 χ^2/NDF : 996153.9/42

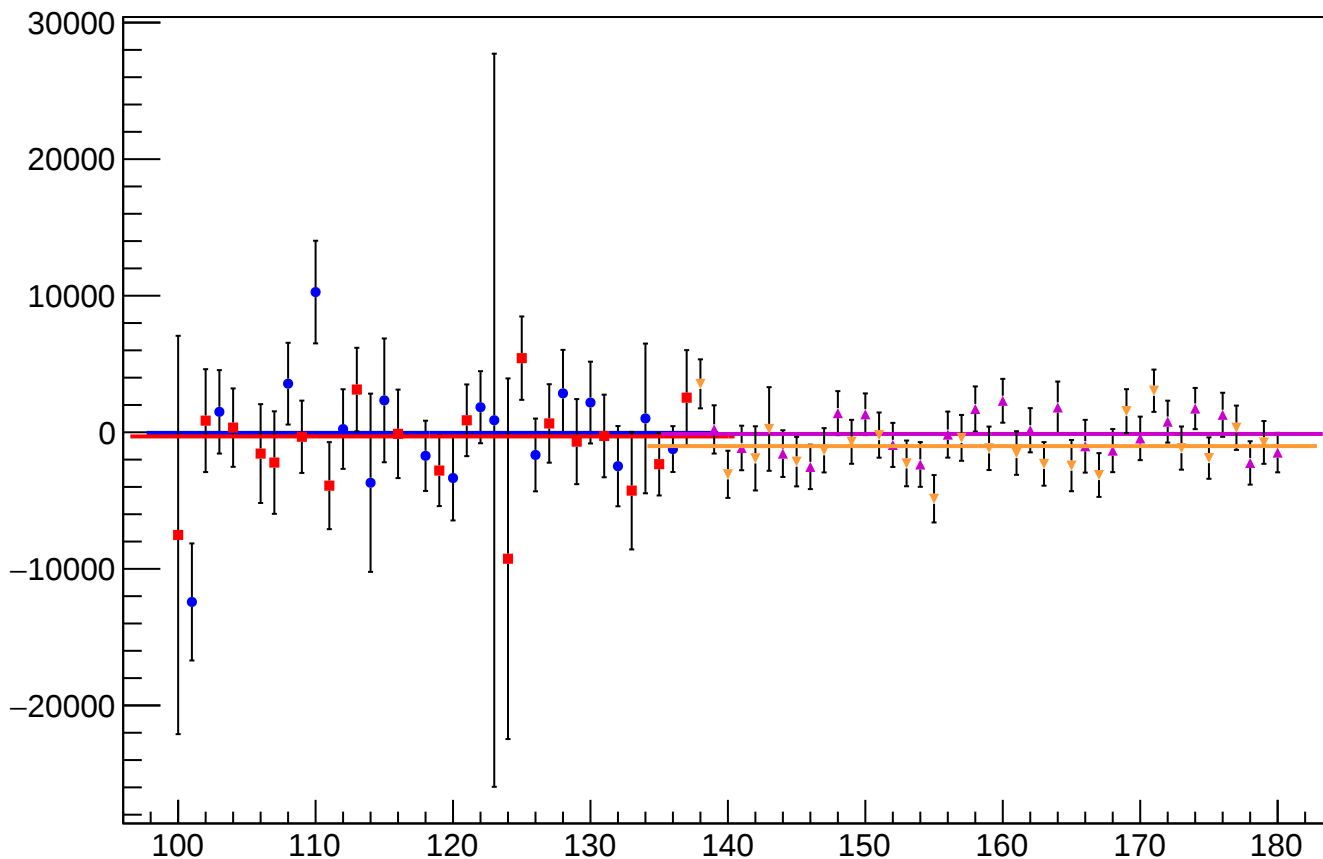
Right: 1151.192 $\pm$ 0.230 χ^2/NDF : 2239183.7/35

In: 703.886 $\pm$ 0.107 χ^2/NDF : 3316964.0/37

Out: 723.800 $\pm$ 0.110 χ^2/NDF : 3983520.7/40

All: 713.604 $\pm$ 0.077 χ^2/NDF : 7317320.2/78

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: -1012.458 ± 360.478 χ^2/NDF : 28.1/21

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -120.689 ± 354.868 χ^2/NDF : 18.0/20

Left: -559.581 ± 252.890 χ^2/NDF : 49.2/42

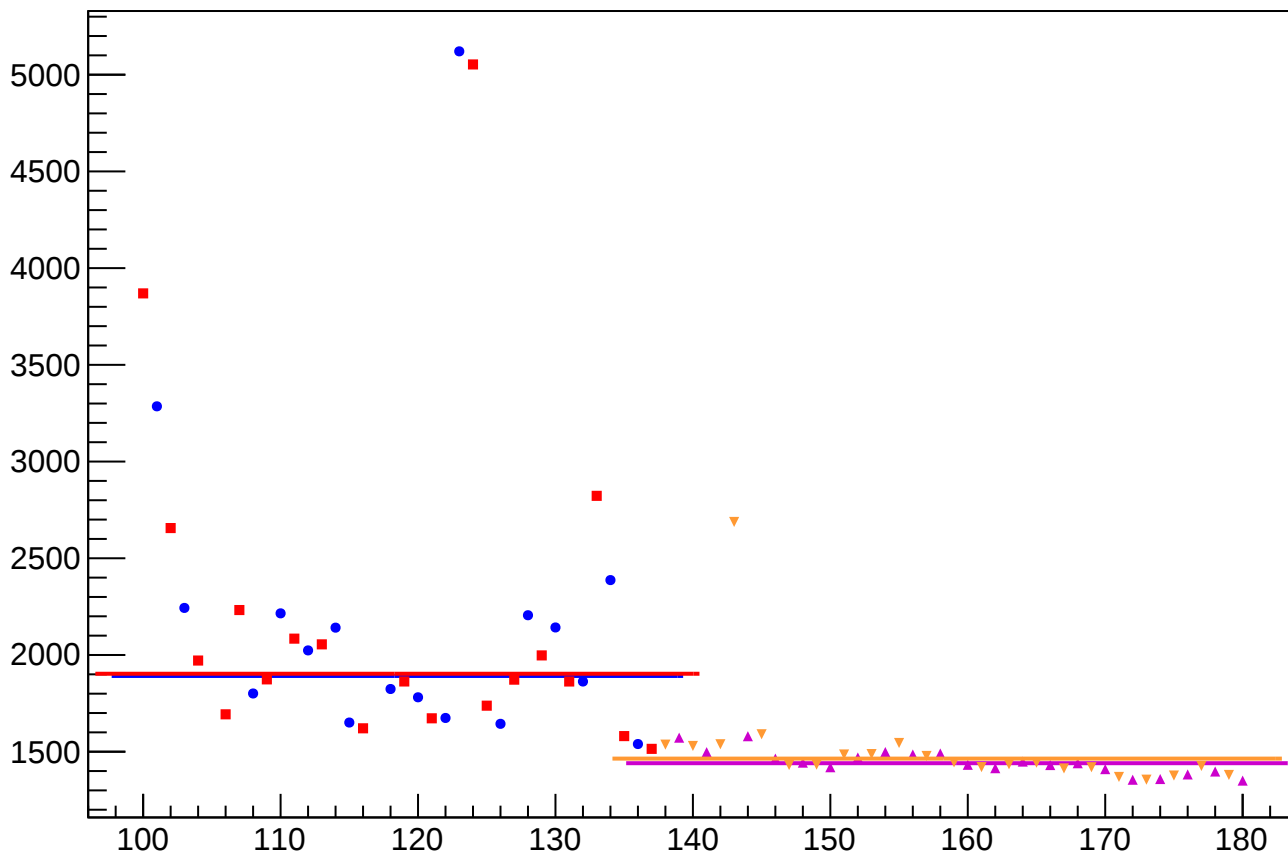
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -106.654 ± 320.584 χ^2/NDF : 41.2/37

Out: -874.871 ± 323.603 χ^2/NDF : 39.7/40

All: -487.163 ± 227.747 χ^2/NDF : 83.8/78

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: 1464.313 $\pm$ 0.255 χ^2 /NDF: 380629.1/21

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1440.569 $\pm$ 0.251 χ^2 /NDF: 59459.4/20

Left: 1452.254 $\pm$ 0.179 χ^2 /NDF: 444495.1/42

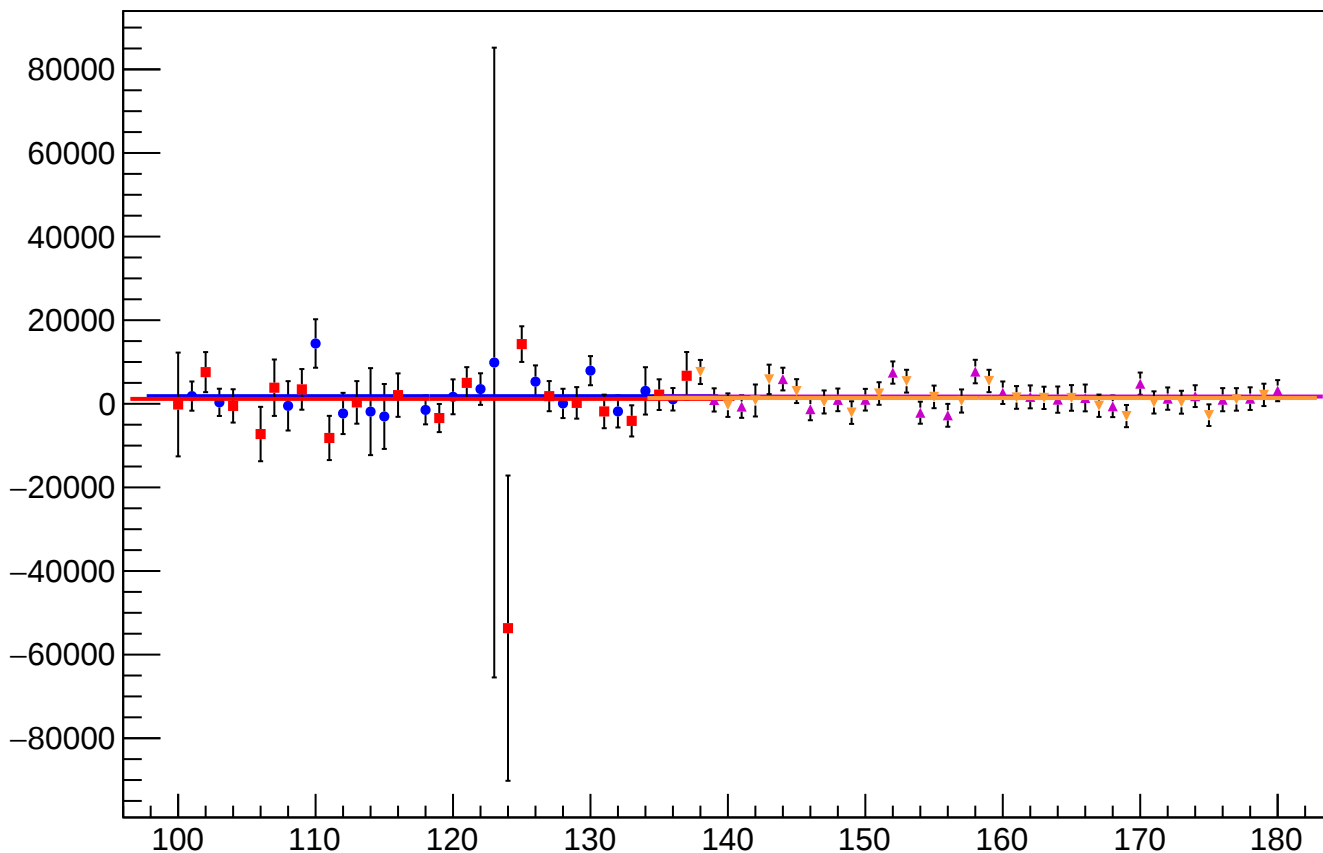
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1523.522 $\pm$ 0.227 χ^2 /NDF: 1122842.7/37

Out: 1549.478 $\pm$ 0.229 χ^2 /NDF: 1415821.3/40

All: 1536.379 $\pm$ 0.161 χ^2 /NDF: 2545158.0/78

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1373.482 $\pm$ 594.253 χ^2 /NDF:19.5/21

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1735.425 $\pm$ 592.852 χ^2 /NDF:21.5/20

Left: 1554.881 $\pm$ 419.704 χ^2 /NDF: 41.2/42

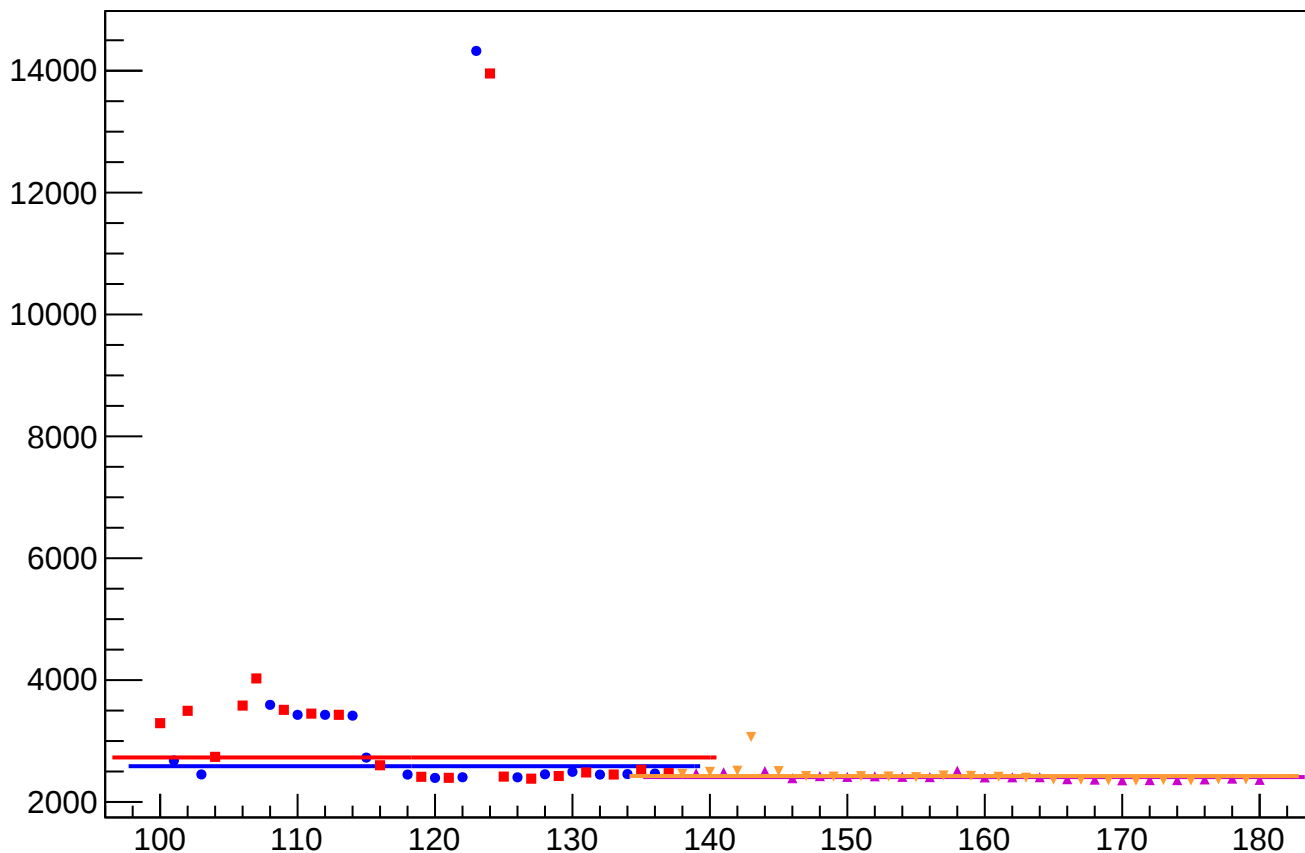
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1758.384 $\pm$ 511.301 χ^2 /NDF:34.1/37

Out: 1324.634 $\pm$ 516.714 χ^2 /NDF:45.0/40

All: 1543.793 $\pm$ 363.443 χ^2 /NDF: 79.4/78

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2425.588+/-0.420 χ^2/NDF : 80078.4/21

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2408.483+/-0.419 χ^2/NDF : 12537.7/20

Left: 2417.015+/-0.297 χ^2/NDF : 93446.5/42

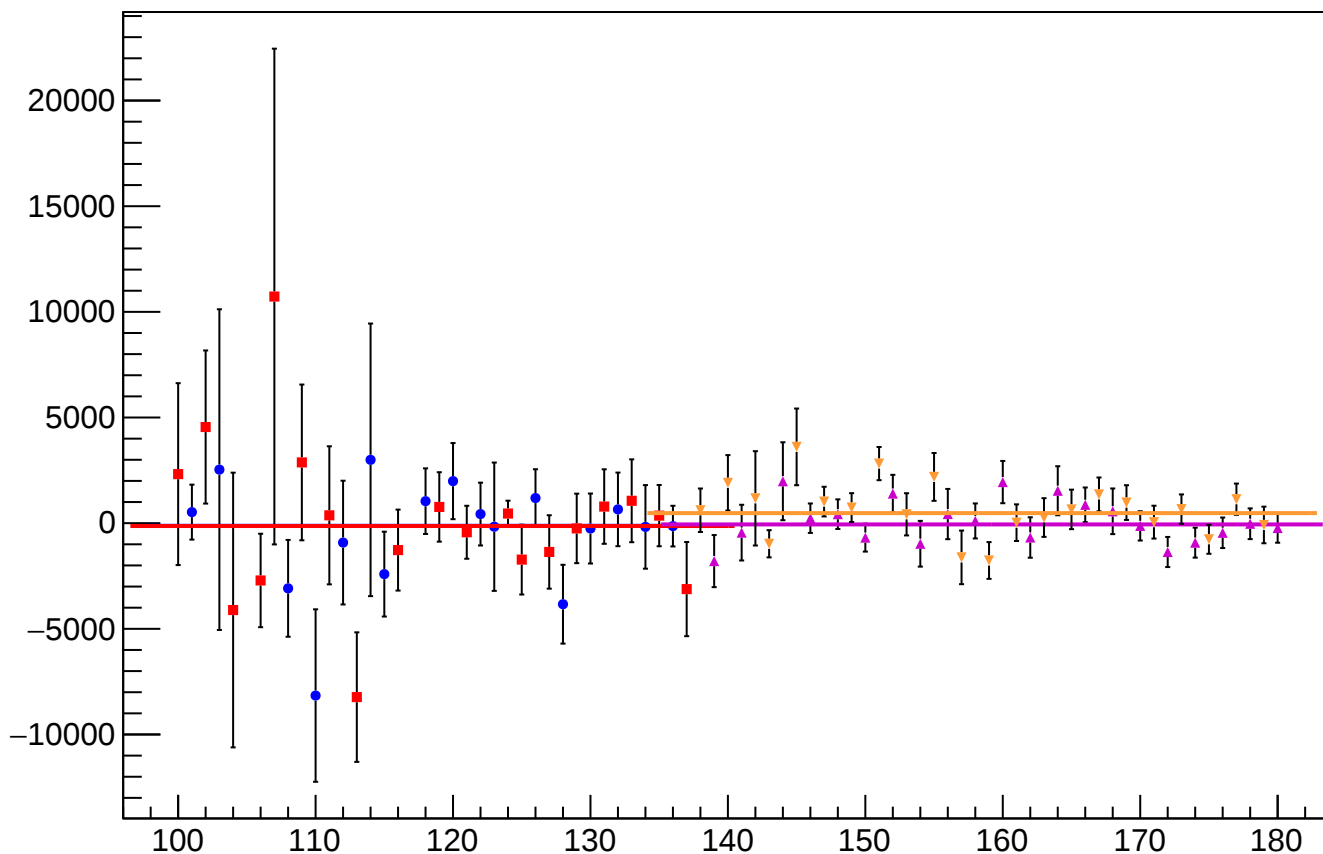
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2454.212+/-0.362 χ^2/NDF : 313097.1/37

Out: 2499.964+/-0.365 χ^2/NDF : 793503.2/40

All: 2476.847+/-0.257 χ^2/NDF : 1114522.8/78

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 476.197+/-183.546 χ^2/NDF : 37.5/21

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: -59.015+/-184.783 χ^2/NDF : 21.6/20

Left: 210.388+/-130.222 χ^2/NDF : 63.3/42

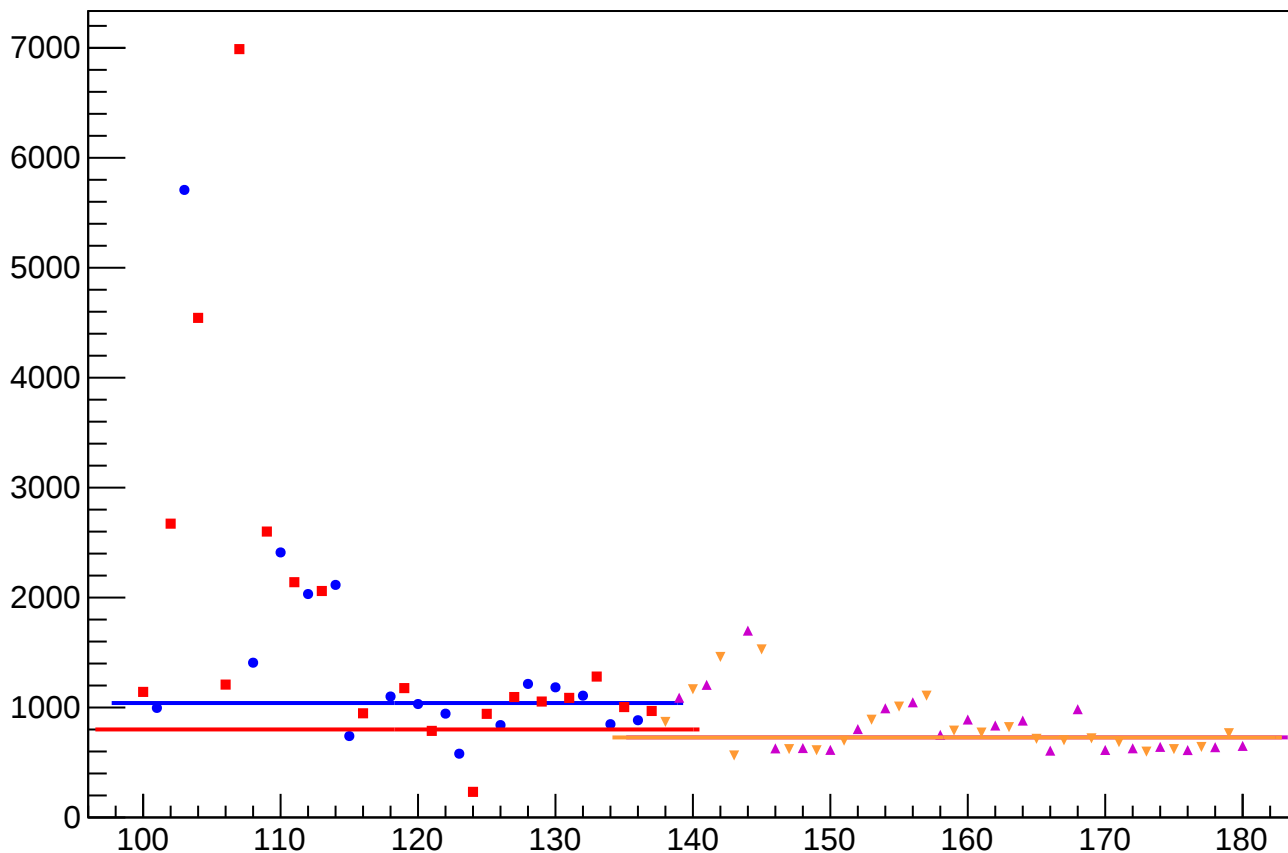
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -69.188+/-169.818 χ^2/NDF : 36.3/37

Out: 360.235+/-165.230 χ^2/NDF : 57.5/40

All: 151.403+/-118.424 χ^2/NDF : 97.1/78

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 727.704+/-0.130 χ^2/NDF : 1650312.9/21

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 728.344+/-0.131 χ^2/NDF : 1903945.1/20

Left: 728.022+/-0.092 χ^2/NDF : 3554270.0/42

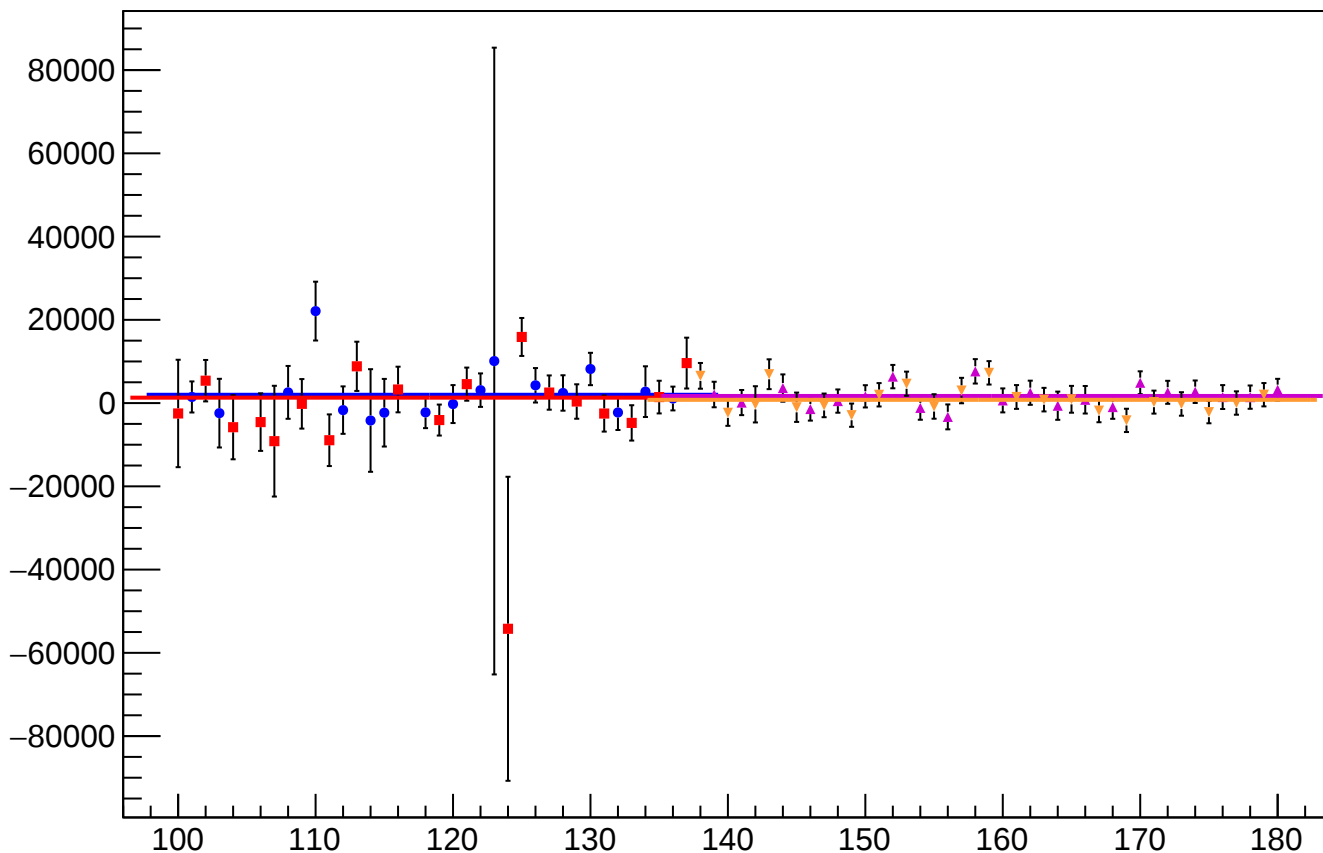
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 776.898+/-0.120 χ^2/NDF : 4365502.8/37

Out: 741.491+/-0.117 χ^2/NDF : 6896841.8/40

All: 758.710+/-0.084 χ^2/NDF : 11307009.0/78

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 781.304+/-630.649 χ^2/NDF : 23.5/21

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1711.281+/-629.577 χ^2/NDF : 16.3/20

Left: 1247.083+/-445.557 χ^2/NDF : 40.9/42

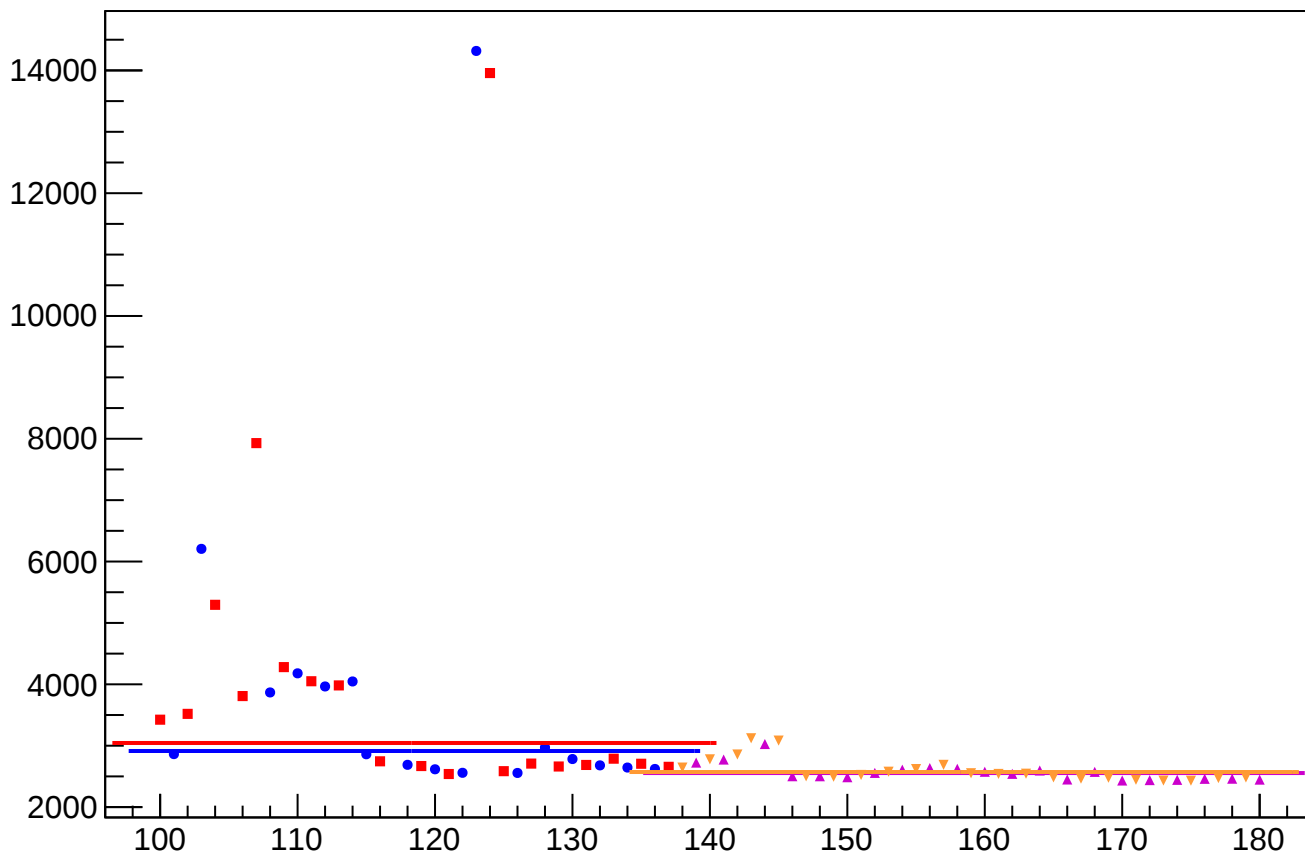
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1776.555+/-552.794 χ^2/NDF : 31.3/37

Out: 896.146+/-557.096 χ^2/NDF : 51.2/40

All: 1339.763+/-392.397 χ^2/NDF : 83.7/78

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2571.465+/-0.446 χ^2/NDF : 140756.0/21

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2554.656+/-0.445 χ^2/NDF : 85267.0/20

Left: 2563.047+/-0.315 χ^2/NDF : 226734.6/42

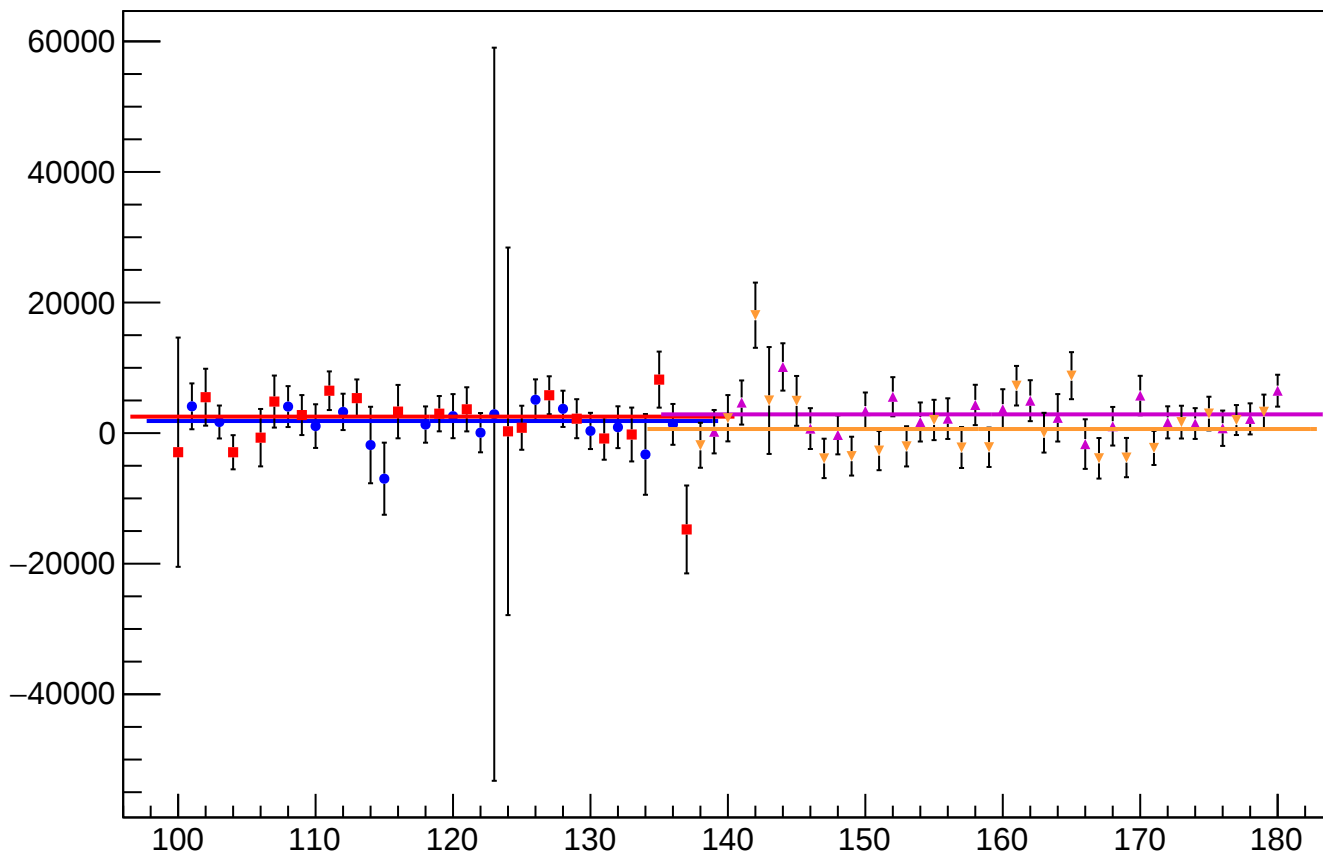
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2636.934+/-0.391 χ^2/NDF : 873384.0/37

Out: 2675.366+/-0.394 χ^2/NDF : 1393221.2/40

All: 2656.001+/-0.277 χ^2/NDF : 2271401.1/78

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 628.320 $\pm$ 653.672 χ^2 /NDF:40.3/21

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 2871.302 $\pm$ 641.993 χ^2 /NDF:14.6/20

Left: 1770.027 $\pm$ 458.031 χ^2 /NDF: 60.8/42

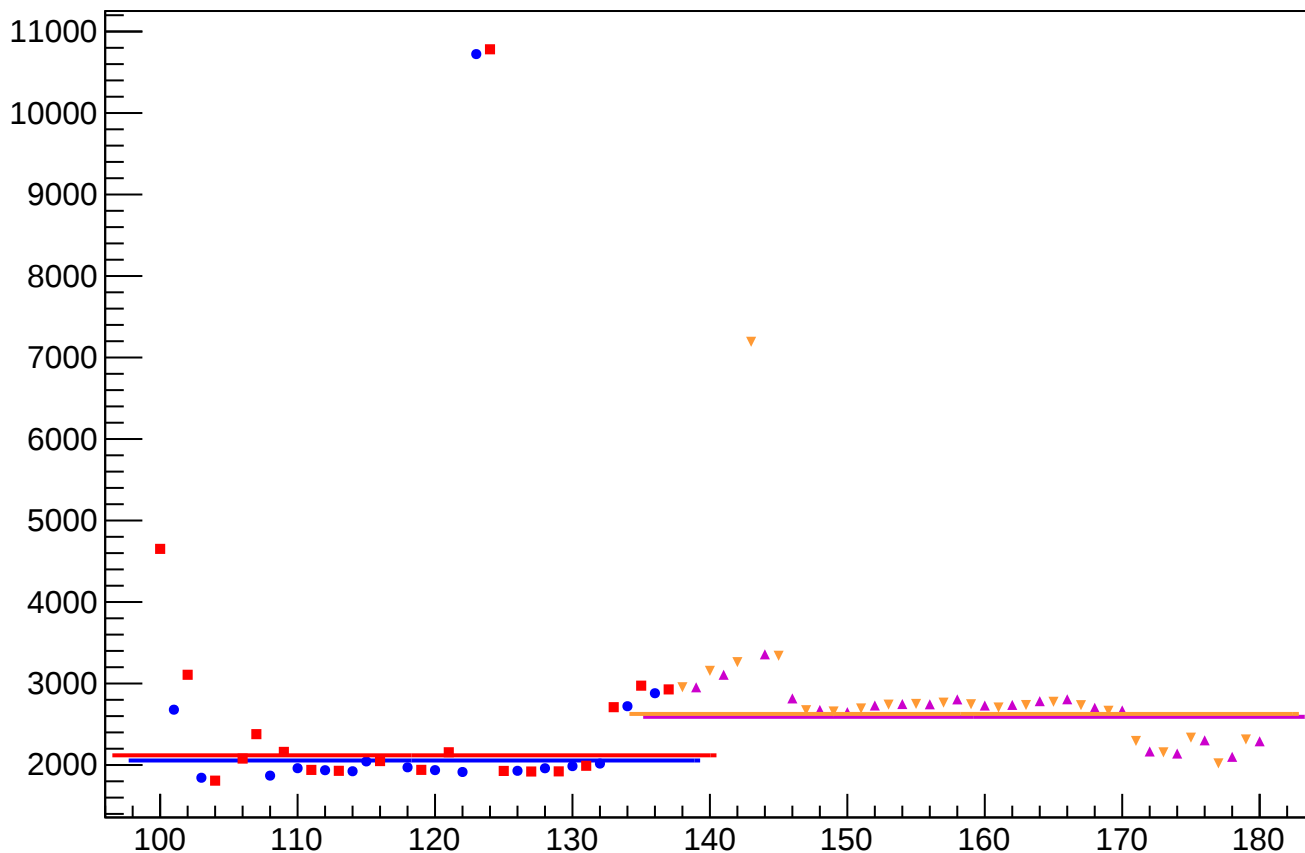
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2475.357 $\pm$ 502.348 χ^2 /NDF:22.8/37

Out: 1366.346 $\pm$ 510.758 χ^2 /NDF:63.7/40

All: 1930.058 $\pm$ 358.150 χ^2 /NDF: 88.8/78

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 ± 0.570 χ^2/NDF : 316383.7/16

Left Out: 2626.729 ± 0.462 χ^2/NDF : 1107791.1/21

Right Out: 2118.803 ± 0.578 χ^2/NDF : 573725.8/18

Left In: 2591.370 ± 0.454 χ^2/NDF : 492448.1/20

Left: 2608.731 ± 0.324 χ^2/NDF : 1603217.9/42

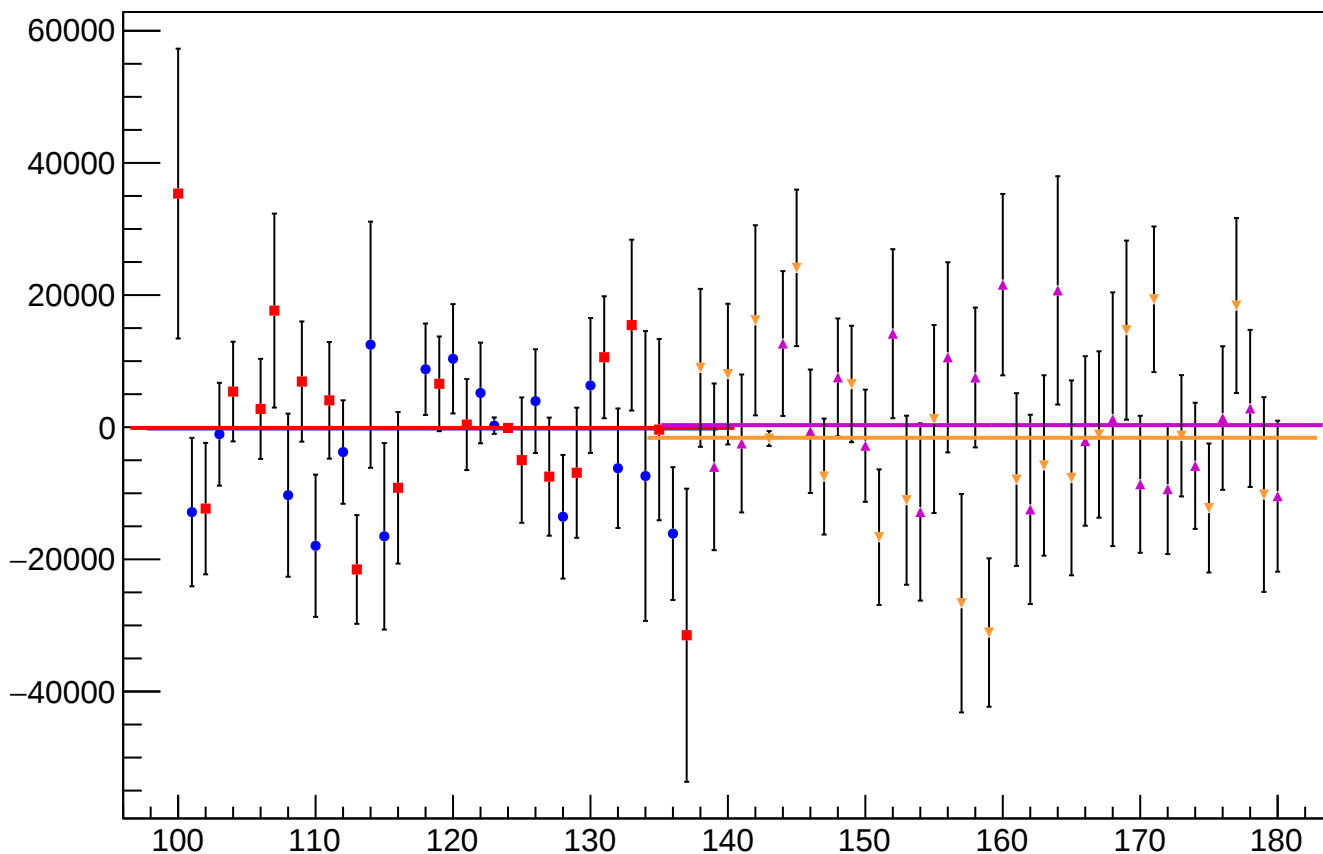
Right: 2086.718 ± 0.406 χ^2/NDF : 896197.4/35

In: 2383.581 ± 0.355 χ^2/NDF : 1349208.1/37

Out: 2428.548 ± 0.361 χ^2/NDF : 2152680.2/40

All: 2405.704 ± 0.253 χ^2/NDF : 3509772.8/78

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1600.533+/-1026.934 χ^2/NDF :30.4/21

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

Left In: 316.656+/-2474.771 χ^2/NDF :13.2/20

Left: -1318.902+/-948.513 χ^2/NDF : 44.2/42

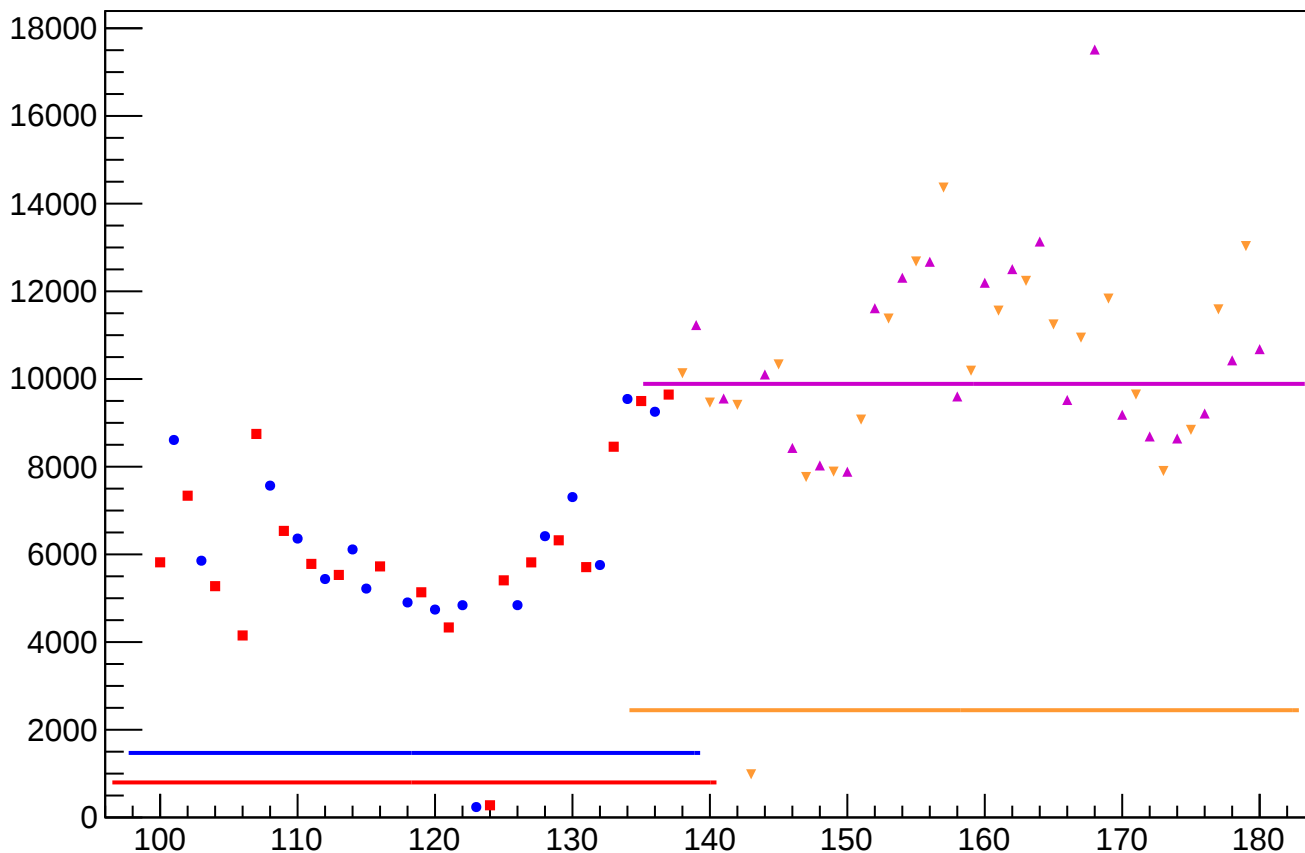
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -102.347+/-1005.772 χ^2/NDF :29.6/37

Out: -571.949+/-573.091 χ^2/NDF :53.5/40

All: -456.850+/-497.931 χ^2/NDF : 83.3/78

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 2446.167 $\pm$ 0.726 χ^2 /NDF: 21766001.3/21

Right Out: 798.642 $\pm$ 0.488 χ^2 /NDF: 11527481.4/18

Left In: 9889.153 $\pm$ 1.750 χ^2 /NDF: 1055866.8/20

Left: 3539.528 $\pm$ 0.671 χ^2 /NDF: 38255044.1/42

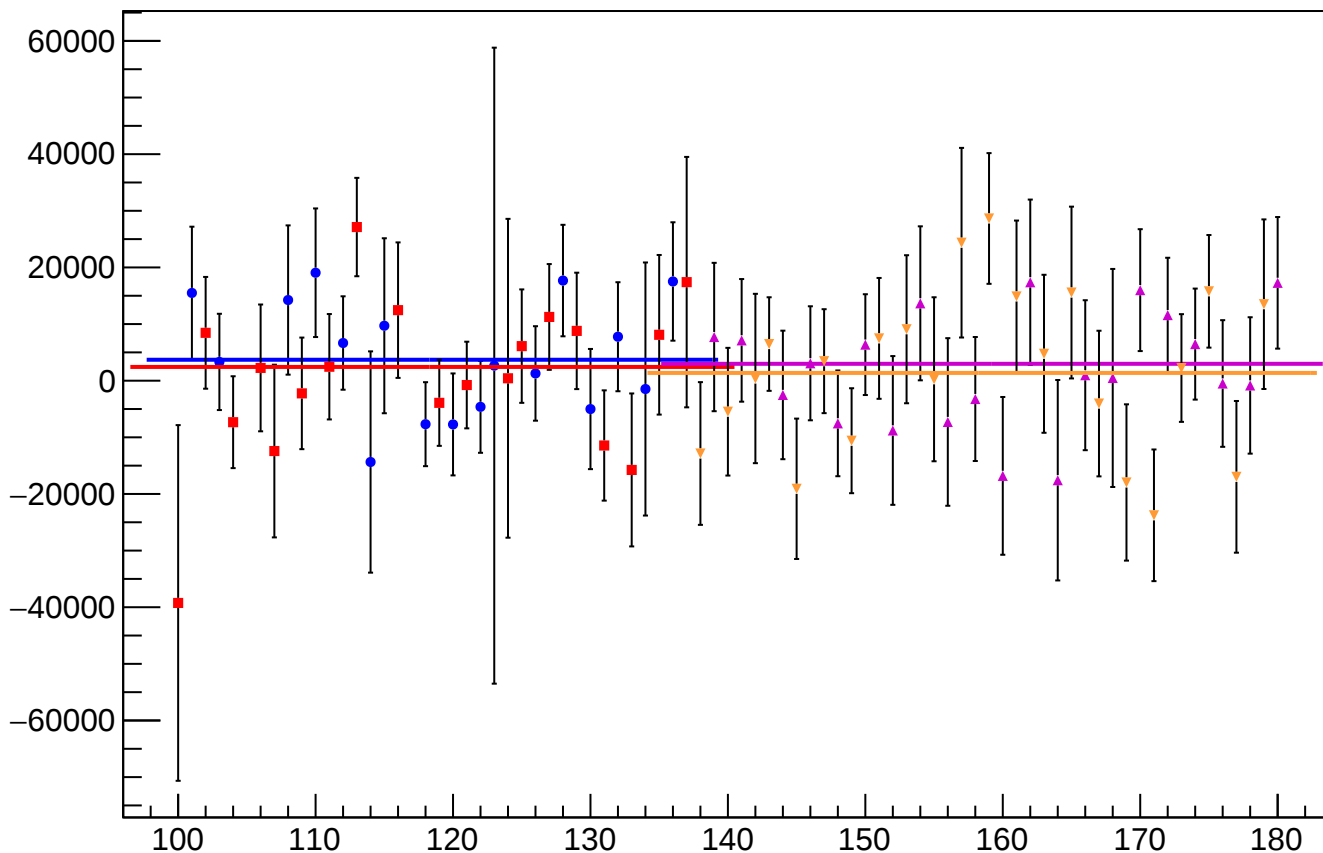
Right: 988.724 $\pm$ 0.414 χ^2 /NDF: 21852108.4/35

In: 2861.928 $\pm$ 0.711 χ^2 /NDF: 30160658.6/37

Out: 1311.732 $\pm$ 0.405 χ^2 /NDF: 36837992.3/40

All: 1691.681 $\pm$ 0.352 χ^2 /NDF: 70585350.2/71

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 1373.794+/-2509.726 χ^2/NDF : 28.0/21

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 2982.347+/-2558.761 χ^2/NDF : 12.5/20

Left: 2162.510+/-1791.729 χ^2/NDF : 40.8/42

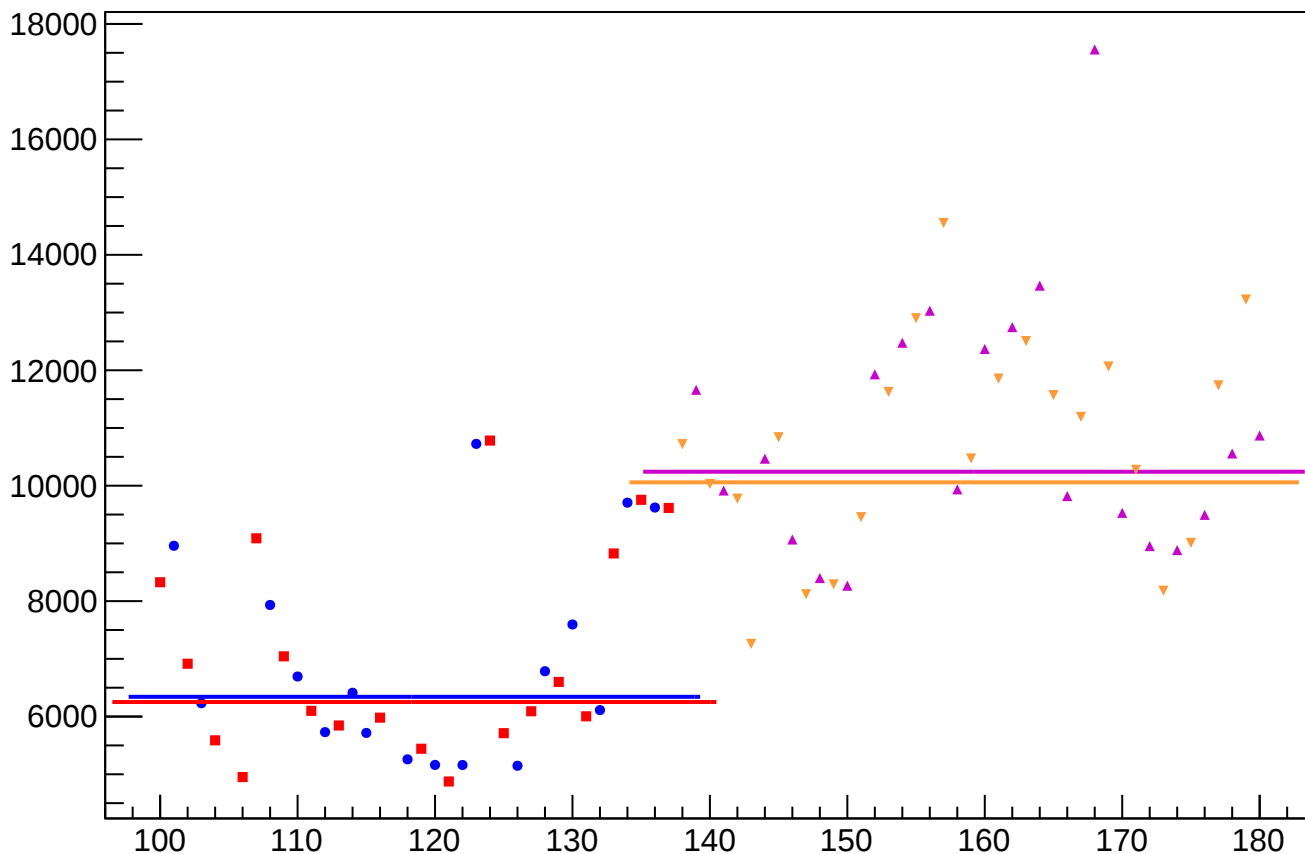
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3346.150+/-1794.714 χ^2/NDF : 27.0/37

Out: 1920.924+/-1742.584 χ^2/NDF : 48.4/40

All: 2612.538+/-1250.216 χ^2/NDF : 75.7/78

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 10058.296+/-1.775 χ^2/NDF : 1061855.5/21

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10242.268+/-1.809 χ^2/NDF : 947675.3/20

Left: 10148.502+/-1.267 χ^2/NDF : 2014800.3/42

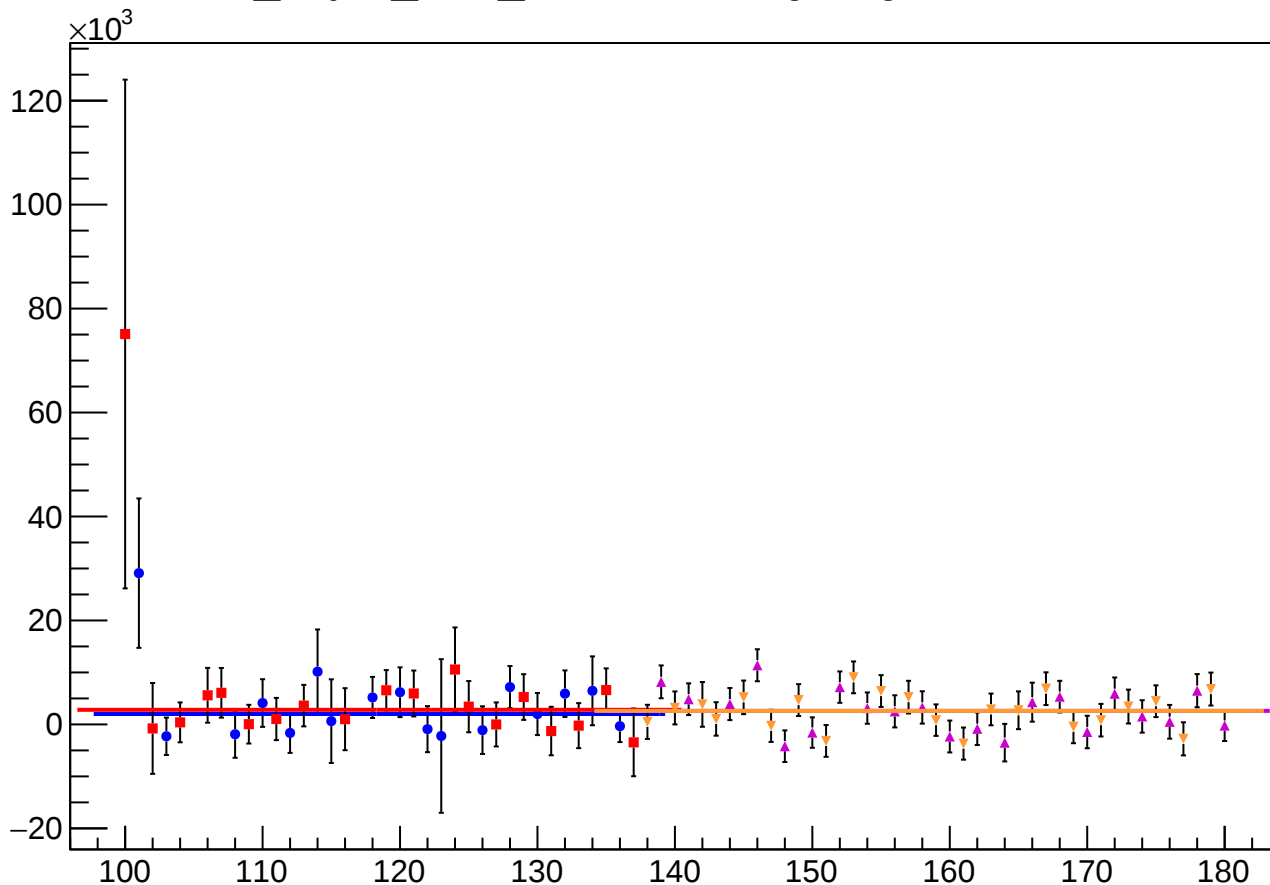
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8260.938+/-1.269 χ^2/NDF : 3901742.3/37

Out: 8086.989+/-1.232 χ^2/NDF : 3982308.0/40

All: 8171.399+/-0.884 χ^2/NDF : 7893721.4/78

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2598.438 $\pm$ 678.912 χ^2 /NDF: 25.7/21

Right Out: 2811.702 $\pm$ 1086.544 χ^2 /NDF: 10.5/18

Left In: 2607.715 $\pm$ 682.265 χ^2 /NDF: 34.7/20

Left: 2603.054 $\pm$ 481.244 χ^2 /NDF: 60.4/42

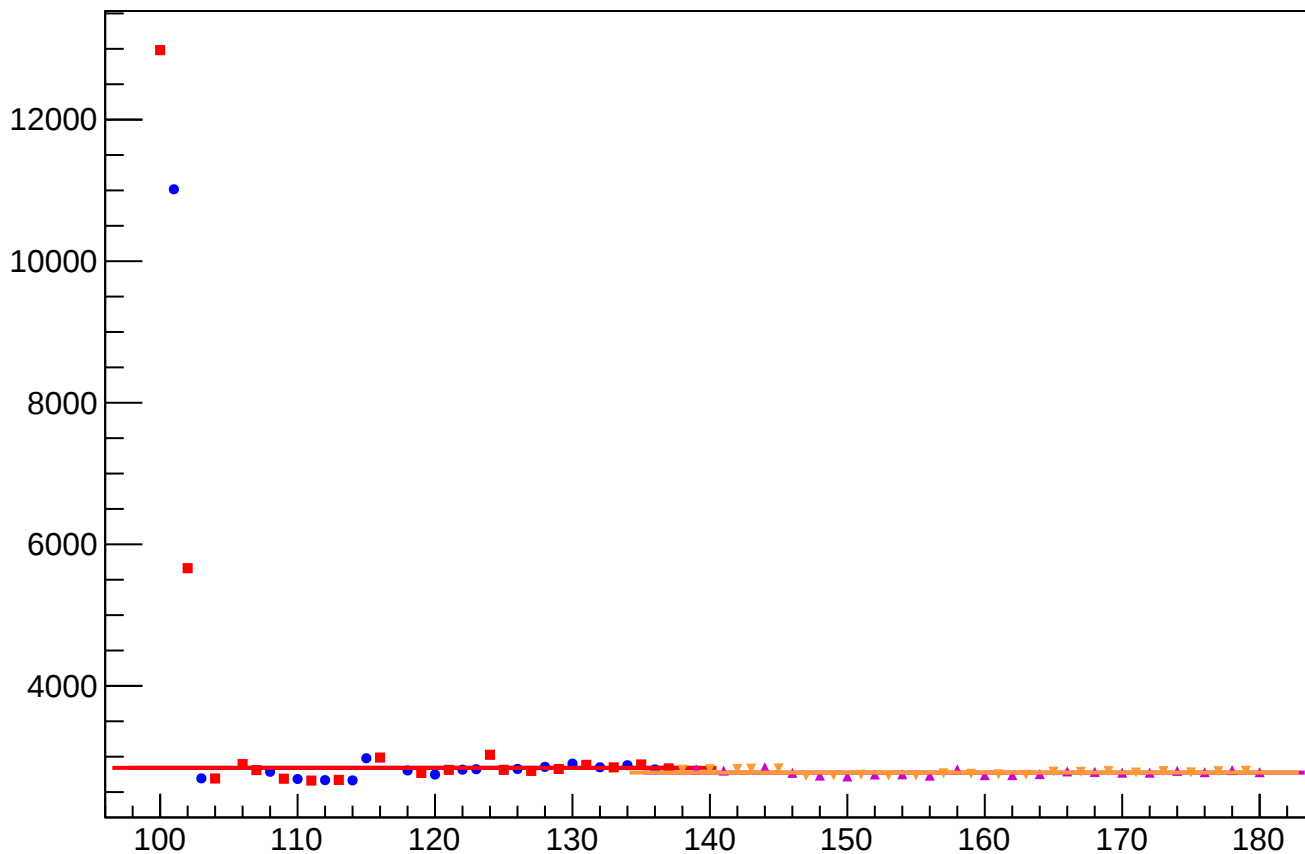
Right: 2422.331 $\pm$ 781.689 χ^2 /NDF: 24.5/35

In: 2445.629 $\pm$ 583.429 χ^2 /NDF: 48.6/37

Out: 2658.321 $\pm$ 575.758 χ^2 /NDF: 36.2/40

All: 2553.382 $\pm$ 409.808 χ^2 /NDF: 84.9/78

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2776.201+/-0.480 χ^2/NDF : 4878.6/21

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

Left In: 2775.226+/-0.482 χ^2/NDF : 4967.5/20

Left: 2775.716+/-0.340 χ^2/NDF : 9848.1/42

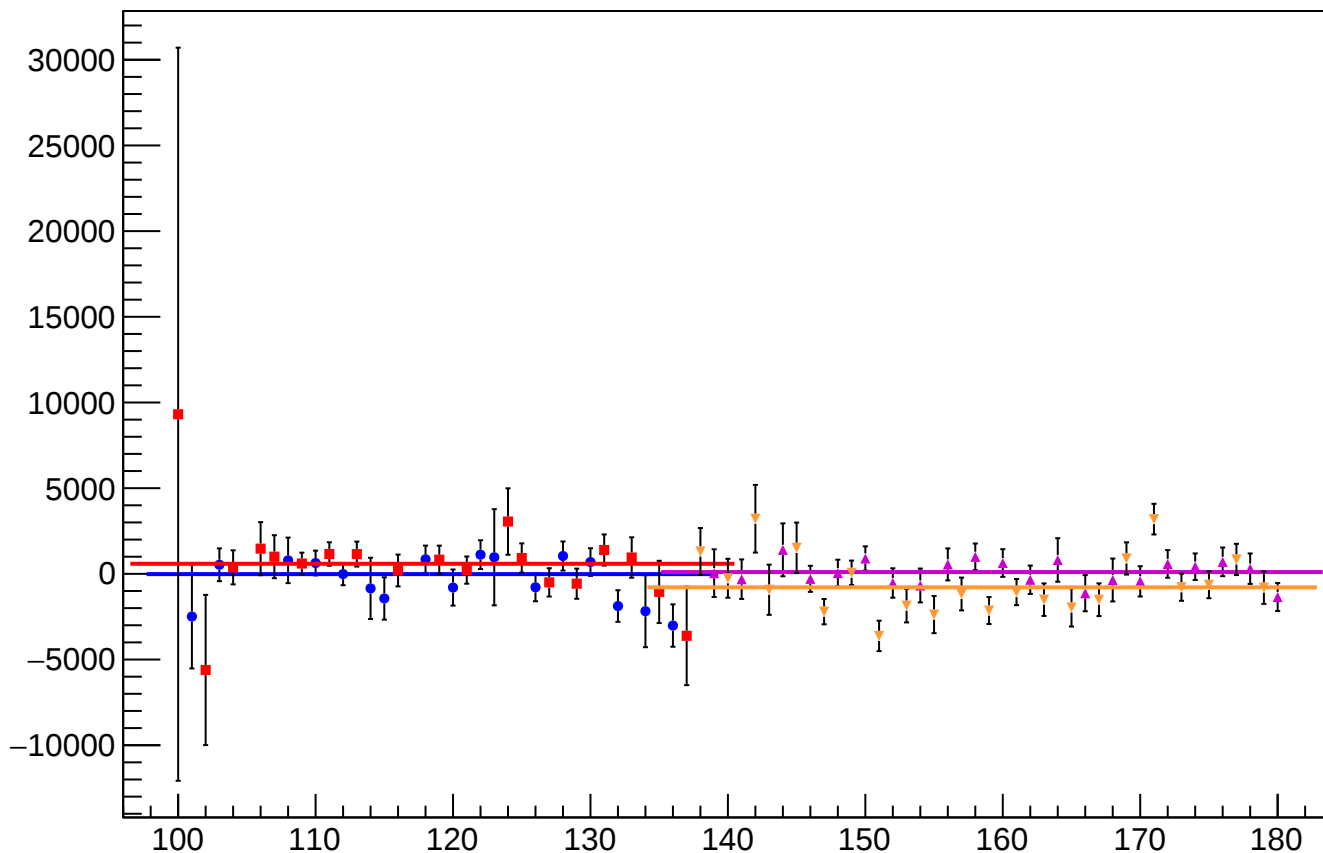
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2793.340+/-0.413 χ^2/NDF : 670518.3/37

Out: 2794.800+/-0.407 χ^2/NDF : 322560.2/40

All: 2794.080+/-0.290 χ^2/NDF : 993084.8/78

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -786.709 ± 200.715 χ^2/NDF : 59.6/21

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 104.960 ± 195.814 χ^2/NDF : 12.2/20

Left: -329.855 ± 140.162 χ^2/NDF : 81.9/42

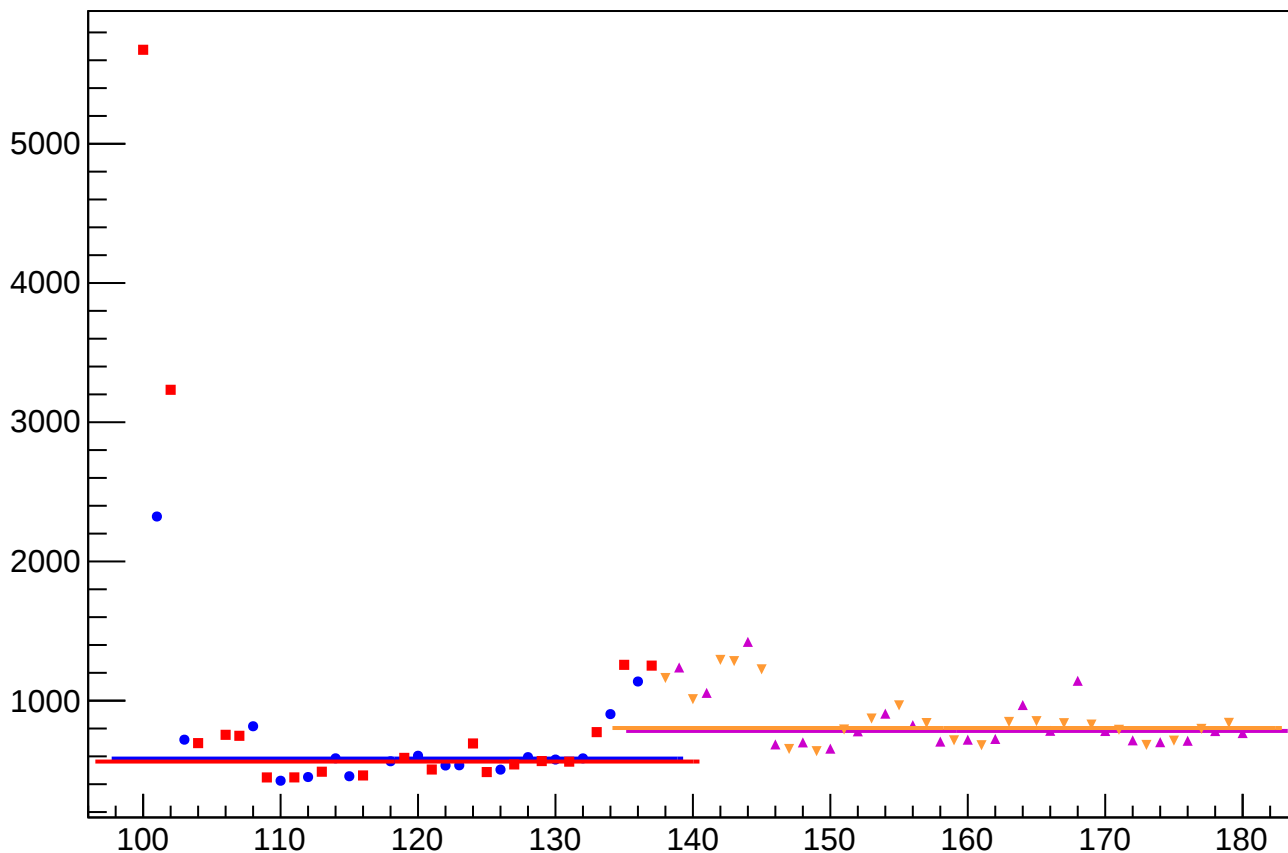
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 56.491 ± 151.433 χ^2/NDF : 34.0/37

Out: -179.666 ± 150.015 χ^2/NDF : 93.8/40

All: -62.699 ± 106.574 χ^2/NDF : 129.0/78

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 803.632+/-0.142 χ^2/NDF : 1123689.1/21

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 782.615+/-0.138 χ^2/NDF : 1126129.9/20

Left: 792.864+/-0.099 χ^2/NDF : 2261053.5/42

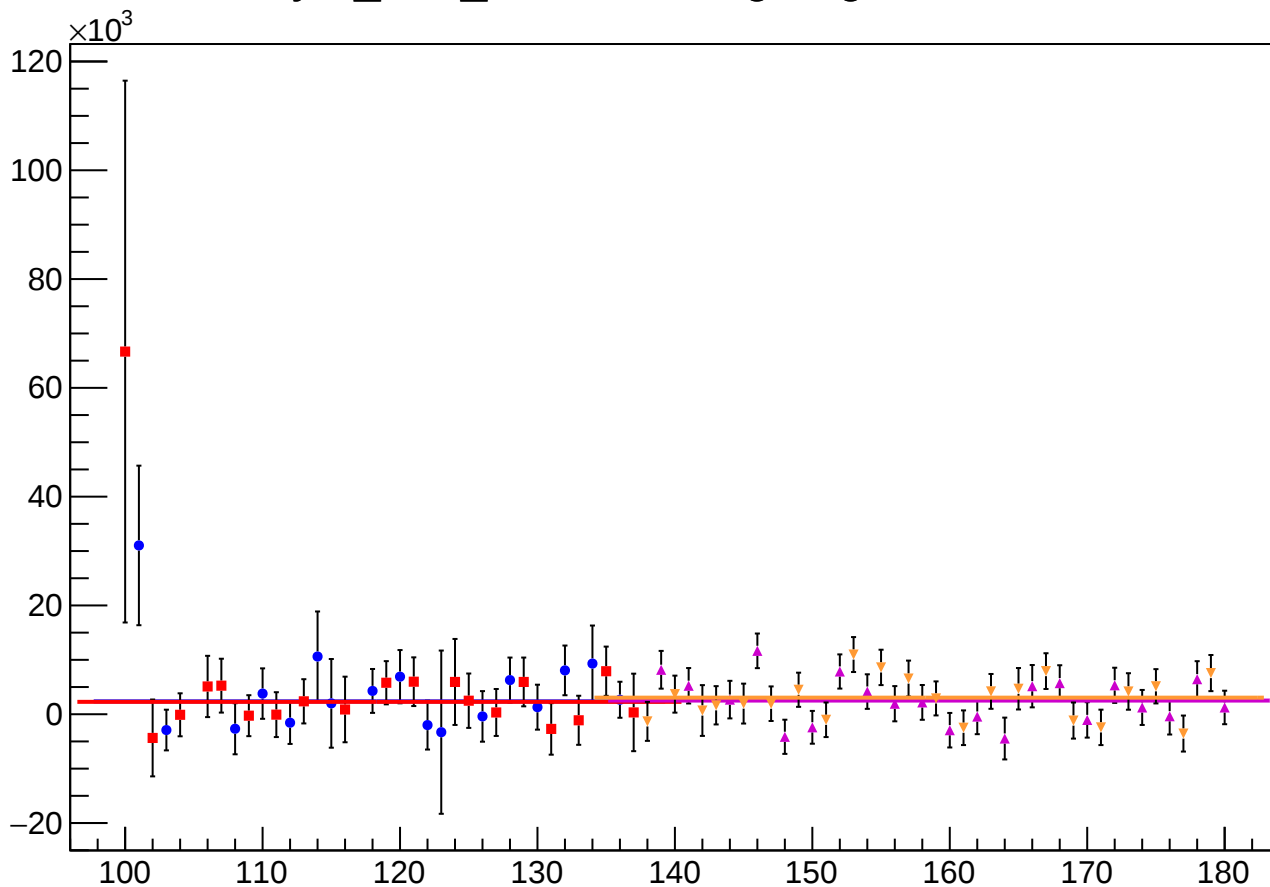
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 702.809+/-0.107 χ^2/NDF : 3389302.5/37

Out: 697.282+/-0.106 χ^2/NDF : 4035325.0/40

All: 700.020+/-0.075 χ^2/NDF : 7425971.8/78

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3048.173 $\pm$ 713.443 χ^2 /NDF: 30.5/21

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2514.085 $\pm$ 714.761 χ^2 /NDF: 34.9/20

Left: 2781.622 $\pm$ 504.946 χ^2 /NDF: 65.6/42

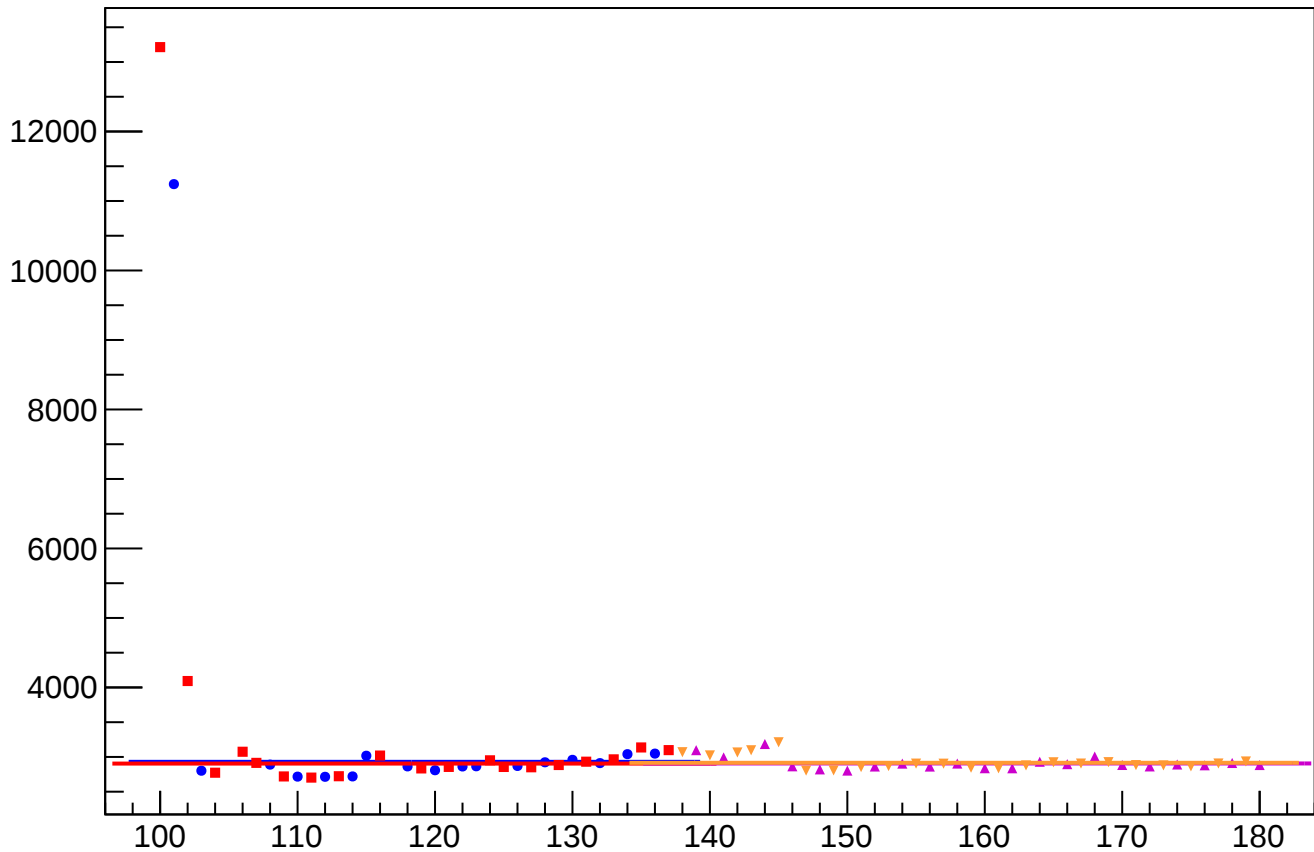
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2472.449 $\pm$ 608.510 χ^2 /NDF: 50.0/37

Out: 2823.349 $\pm$ 600.426 χ^2 /NDF: 41.0/40

All: 2650.245 $\pm$ 427.395 χ^2 /NDF: 91.2/78

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2915.789+/-0.504 χ^2/NDF : 35673.1/21

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2906.286+/-0.505 χ^2/NDF : 29971.2/20

Left: 2911.046+/-0.357 χ^2/NDF : 65821.4/42

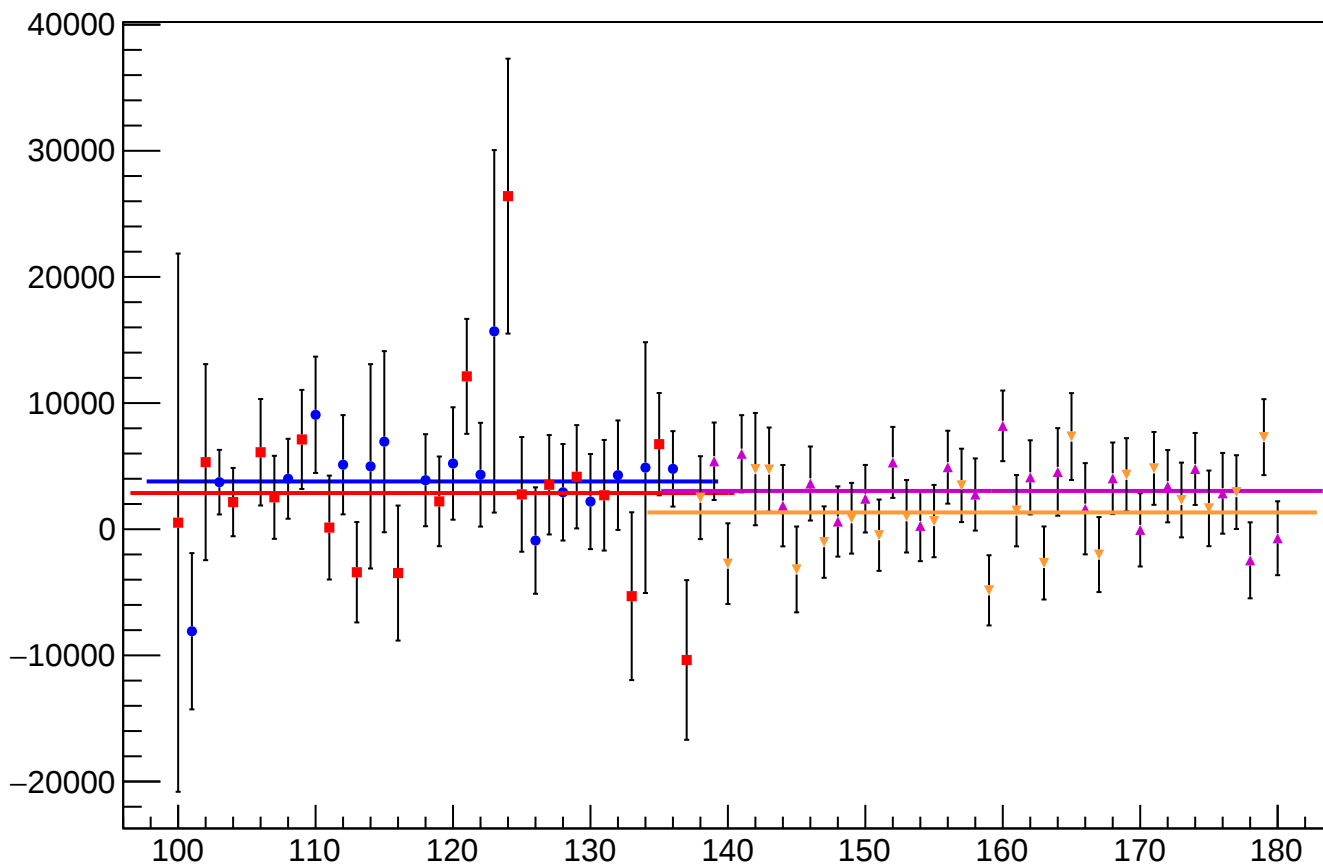
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2912.717+/-0.430 χ^2/NDF : 693188.6/37

Out: 2912.516+/-0.425 χ^2/NDF : 205106.0/40

All: 2912.615+/-0.302 χ^2/NDF : 898294.7/78

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 1329.915+/-643.091 χ^2/NDF : 24.9/21

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3036.531+/-644.920 χ^2/NDF : 15.0/20

Left: 2180.800+/-455.379 χ^2/NDF : 43.5/42

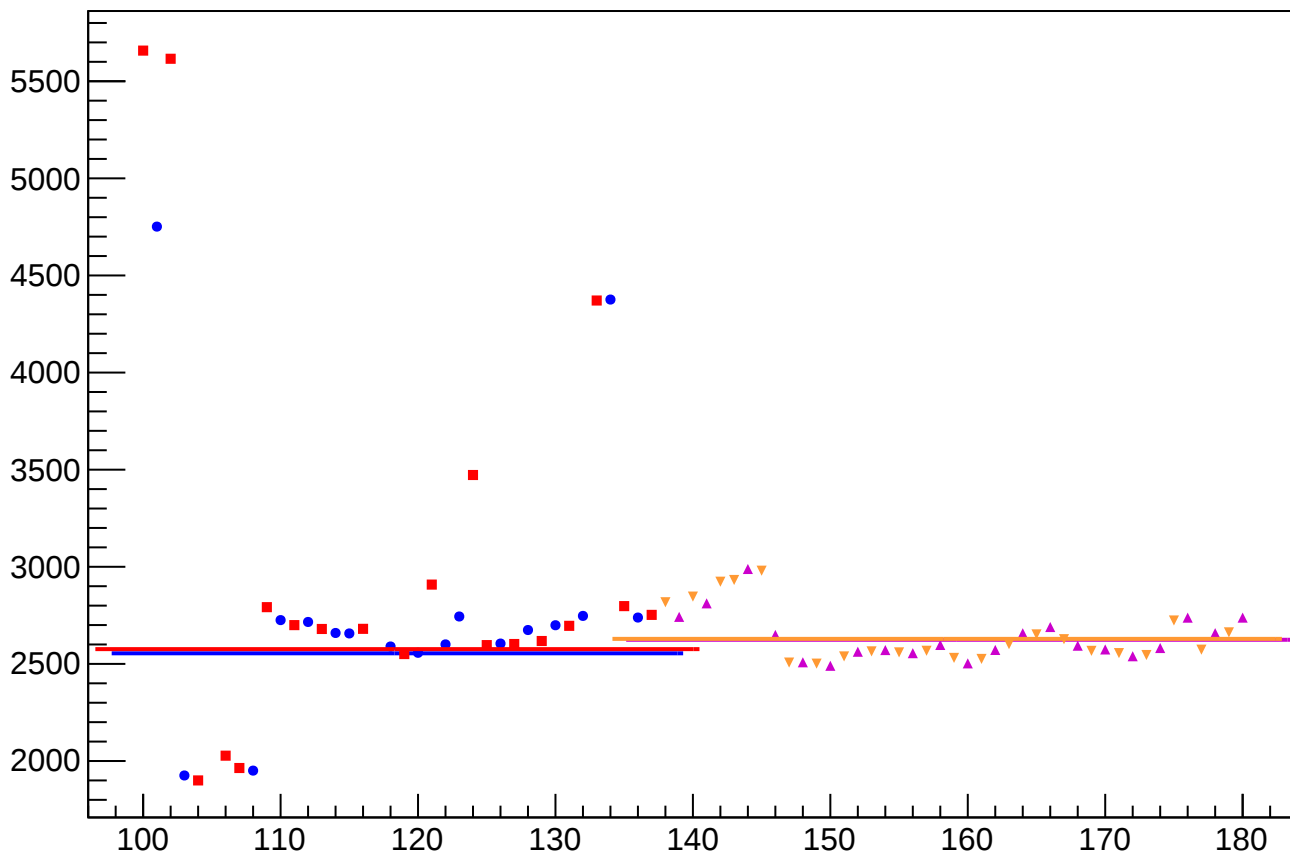
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3254.712+/-543.265 χ^2/NDF : 23.2/37

Out: 1778.460+/-541.365 χ^2/NDF : 48.6/40

All: 2514.000+/-383.473 χ^2/NDF : 75.5/78

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2/NDF : 536626.0/16

Left Out: 2628.848 $\pm$ 0.455 χ^2/NDF : 87540.5/21

Right Out: 2576.077 $\pm$ 0.709 χ^2/NDF : 765156.6/18

Left In: 2624.214 $\pm$ 0.456 χ^2/NDF : 61685.5/20

Left: 2626.538 $\pm$ 0.322 χ^2/NDF : 149277.7/42

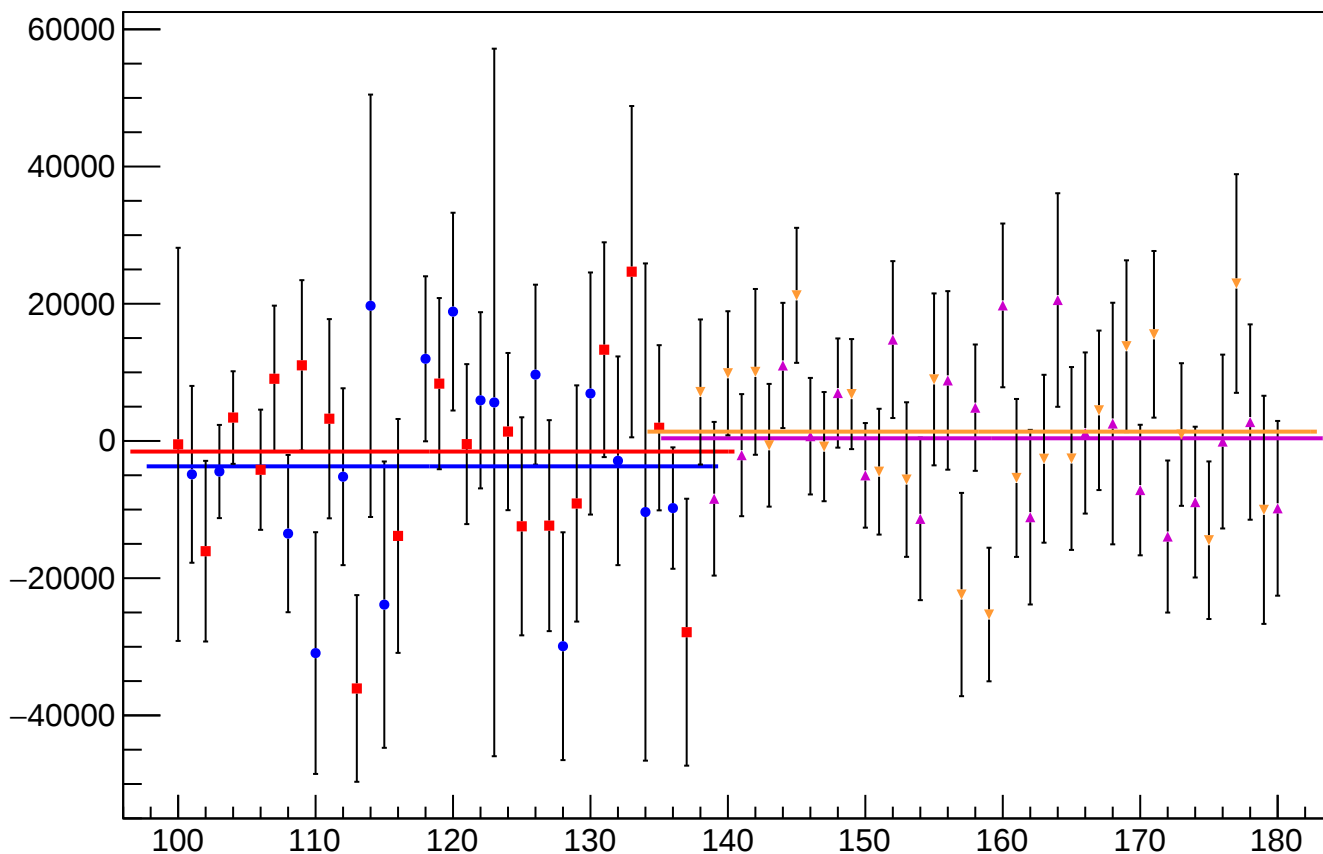
Right: 2565.366 $\pm$ 0.503 χ^2/NDF : 1302241.7/35

In: 2603.979 $\pm$ 0.384 χ^2/NDF : 605090.9/37

Out: 2613.465 $\pm$ 0.383 χ^2/NDF : 856623.0/40

All: 2608.739 $\pm$ 0.271 χ^2/NDF : 1462019.9/78

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 1360.527 $\pm$ 2304.828 χ^2/NDF : 24.8/21

Right Out: -1544.858 $\pm$ 2896.847 χ^2/NDF : 16.8/18

Left In: 388.698 $\pm$ 2327.926 χ^2/NDF : 15.3/20

Left: 879.458 $\pm$ 1637.865 χ^2/NDF : 40.1/42

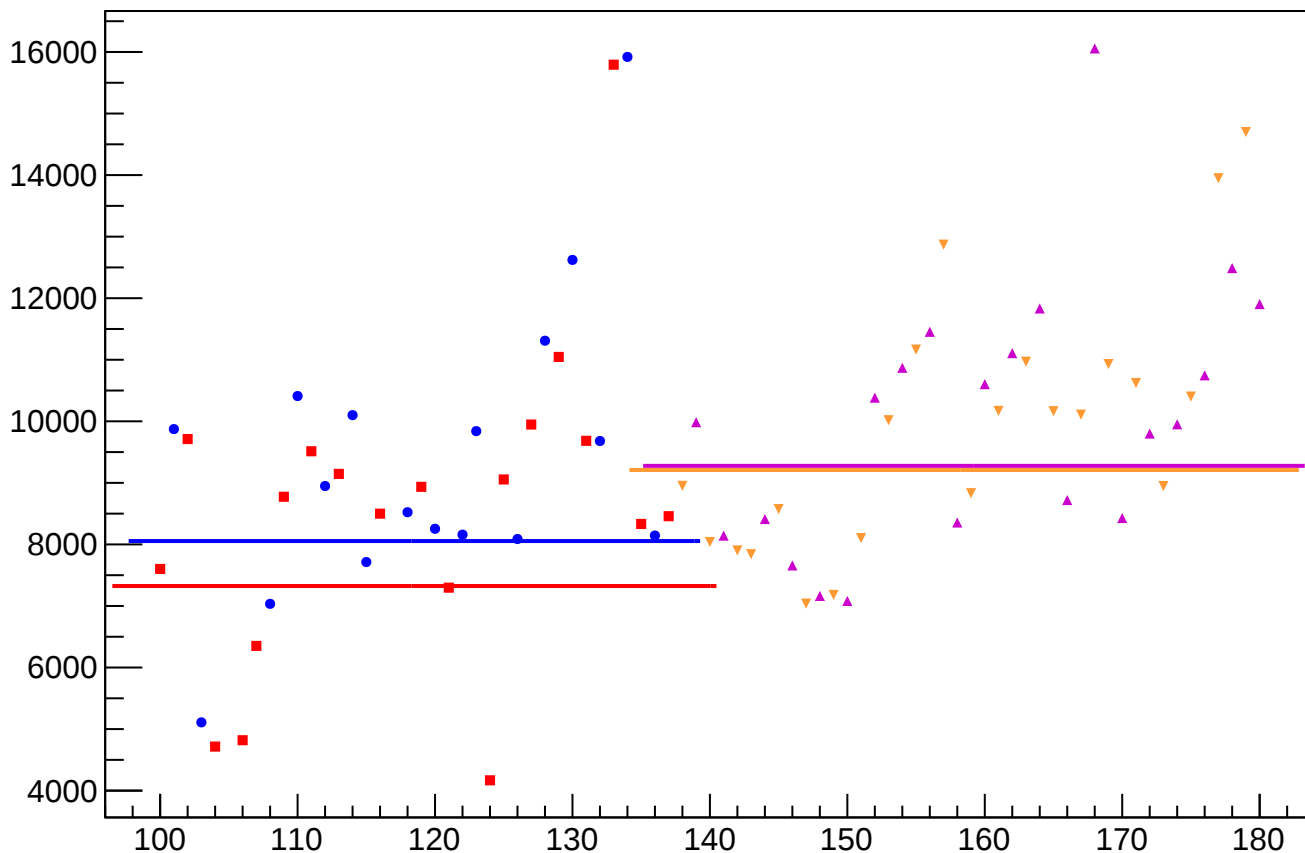
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: -1015.853 $\pm$ 1886.108 χ^2/NDF : 30.2/37

Out: 234.277 $\pm$ 1803.604 χ^2/NDF : 42.2/40

All: -362.848 $\pm$ 1303.532 χ^2/NDF : 72.5/78

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 9209.644 $\pm$ 1.630 χ^2 /NDF: 1163573.6/21

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 9276.389 $\pm$ 1.646 χ^2 /NDF: 1231685.1/20

Left: 9242.684 $\pm$ 1.158 χ^2 /NDF: 2396088.9/42

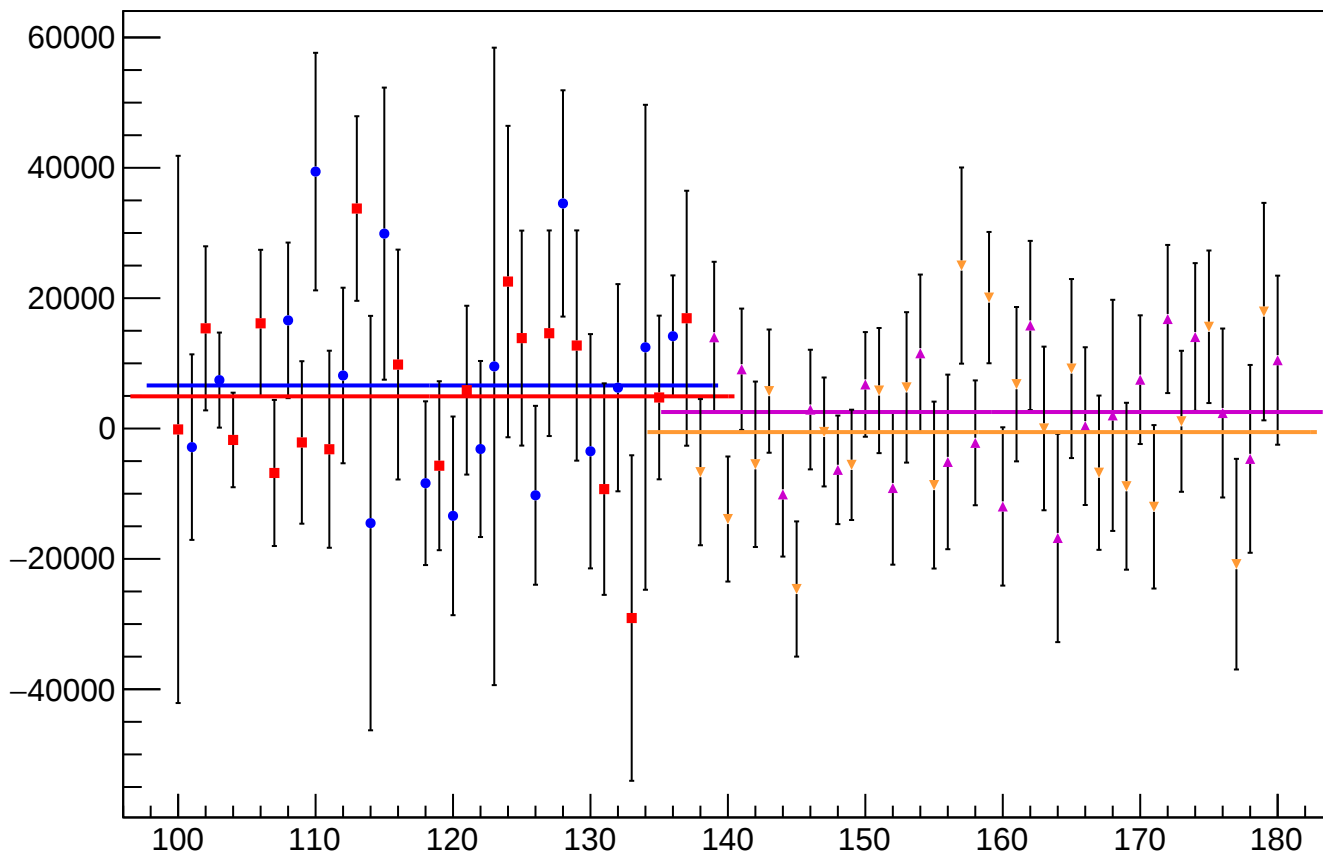
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8856.690 $\pm$ 1.334 χ^2 /NDF: 2241667.5/37

Out: 8478.802 $\pm$ 1.275 χ^2 /NDF: 3018482.5/40

All: 8659.300 $\pm$ 0.922 χ^2 /NDF: 5302085.8/78

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -547.117+/-2396.123 χ^2/NDF : 24.0/21

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 2532.318+/-2414.880 χ^2/NDF : 14.2/20

Left: 980.595+/-1700.908 χ^2/NDF : 39.0/42

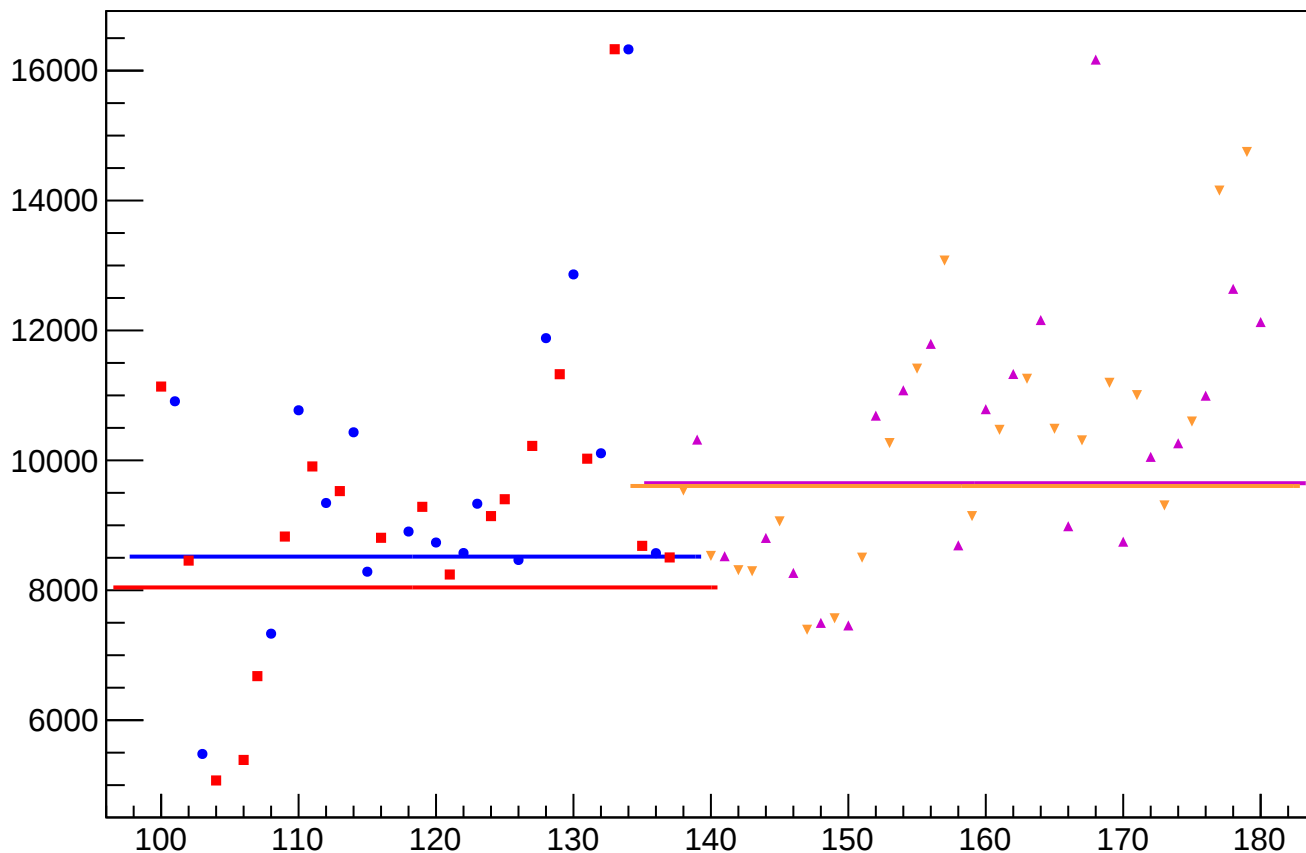
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3900.934+/-1968.008 χ^2/NDF : 29.9/37

Out: 1449.310+/-1911.014 χ^2/NDF : 39.5/40

All: 2639.108+/-1370.997 χ^2/NDF : 70.1/78

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 9605.708 $\pm$ 1.694 χ^2/NDF : 1010379.2/21

Right Out: 8043.754 $\pm$ 2.240 χ^2/NDF : 953572.9/18

Left In: 9648.208 $\pm$ 1.708 χ^2/NDF : 1077093.8/20

Left: 9626.792 $\pm$ 1.203 χ^2/NDF : 2087785.1/42

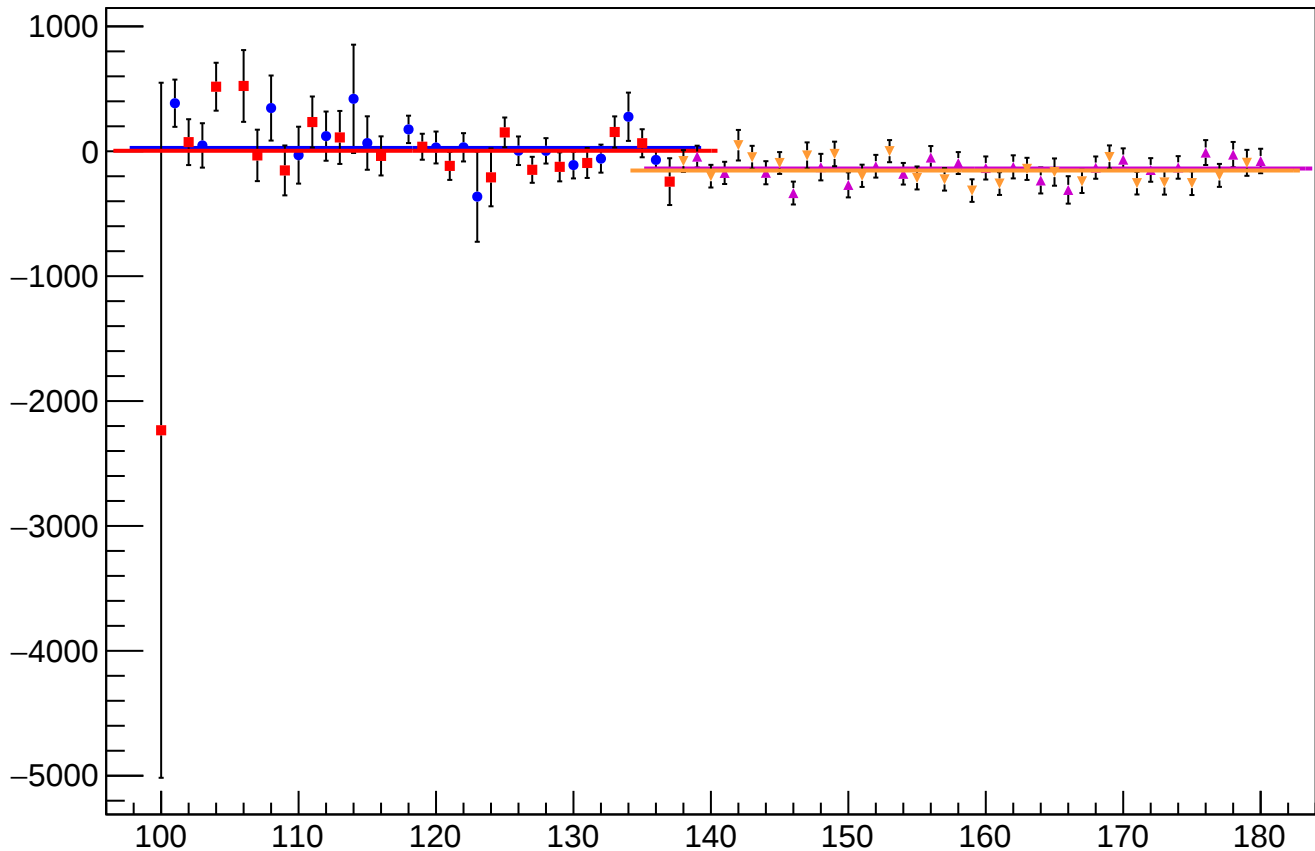
Right: 8264.537 $\pm$ 1.638 χ^2/NDF : 1746449.5/35

In: 9268.713 $\pm$ 1.392 χ^2/NDF : 1996150.1/37

Out: 9037.250 $\pm$ 1.351 χ^2/NDF : 2273250.8/40

All: 9149.580 $\pm$ 0.969 χ^2/NDF : 4283640.3/78

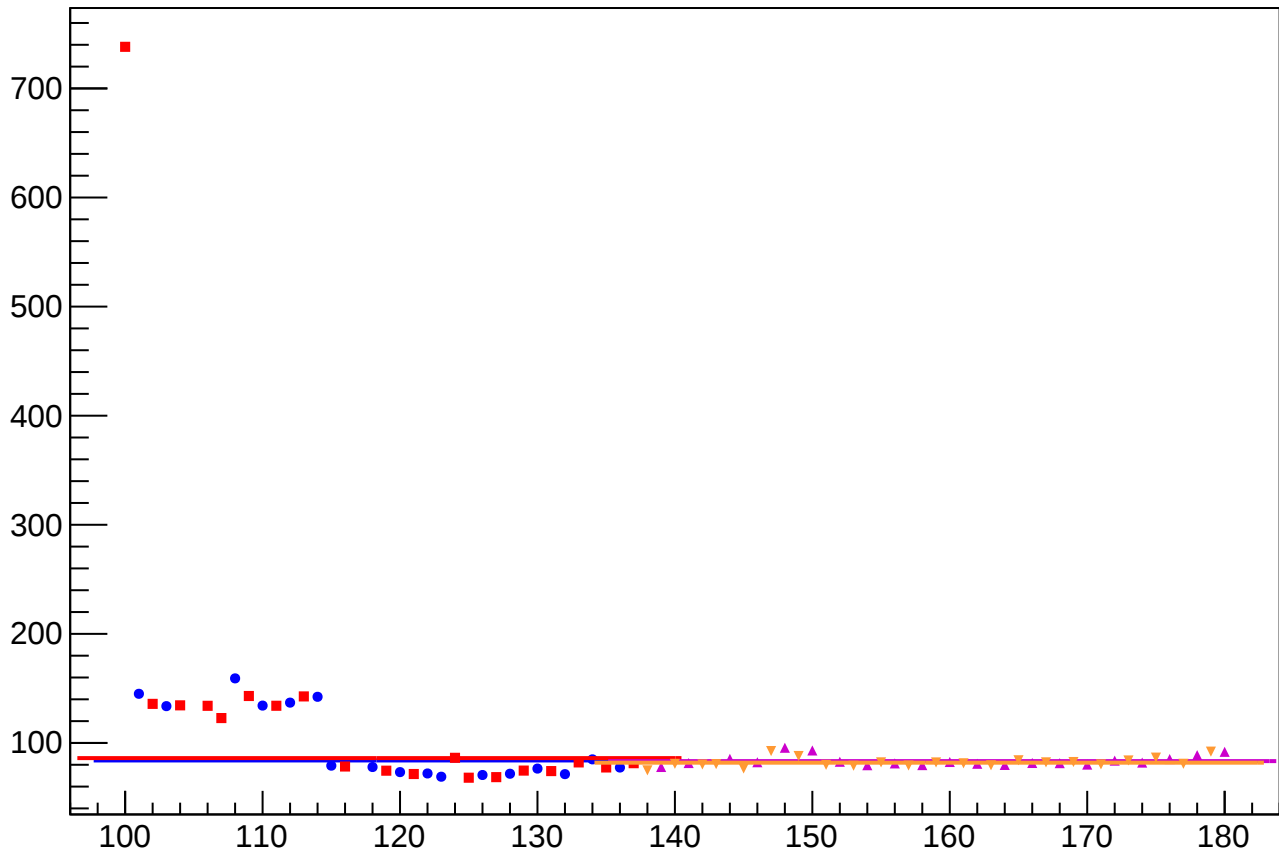
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
 Left Out: -154.018 ± 20.034 $\chi^2/\text{NDF}: 23.6/21$
 Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$
 Left In: -138.101 ± 20.508 $\chi^2/\text{NDF}: 16.4/20$

Left: -146.246 ± 14.331 $\chi^2/\text{NDF}: 40.3/42$
 Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$
 In: -93.417 ± 17.509 $\chi^2/\text{NDF}: 48.5/37$
 Out: -113.006 ± 17.239 $\chi^2/\text{NDF}: 64.3/40$
 All: -103.364 ± 12.284 $\chi^2/\text{NDF}: 113.4/78$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.915 $\pm$ 0.014 χ^2 /NDF: 82296.5/21

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 83.356 $\pm$ 0.015 χ^2 /NDF: 93313.4/20

Left: 82.618 $\pm$ 0.010 χ^2 /NDF: 180663.0/42

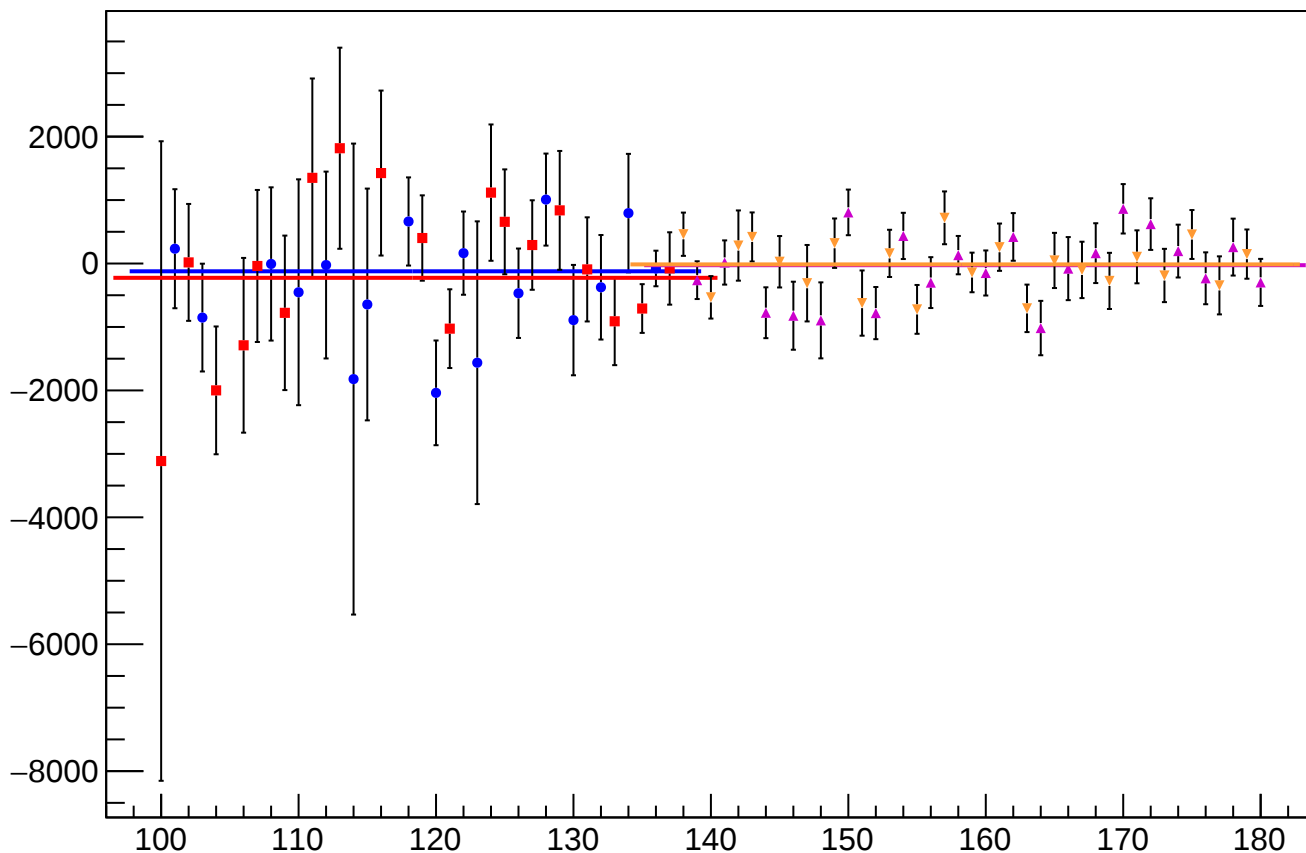
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.520 $\pm$ 0.012 χ^2 /NDF: 1054038.6/37

Out: 83.003 $\pm$ 0.012 χ^2 /NDF: 1241269.8/40

All: 83.257 $\pm$ 0.009 χ^2 /NDF: 2296192.6/78

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -13.993 $\pm$ 85.716 χ^2 /NDF:22.0/21

Right Out: -225.420 $\pm$ 184.973 χ^2 /NDF: 18.3/18

Left In: -26.477 $\pm$ 85.741 χ^2 /NDF:35.8/20

Left: -20.233 $\pm$ 60.619 χ^2 /NDF: 57.8/42

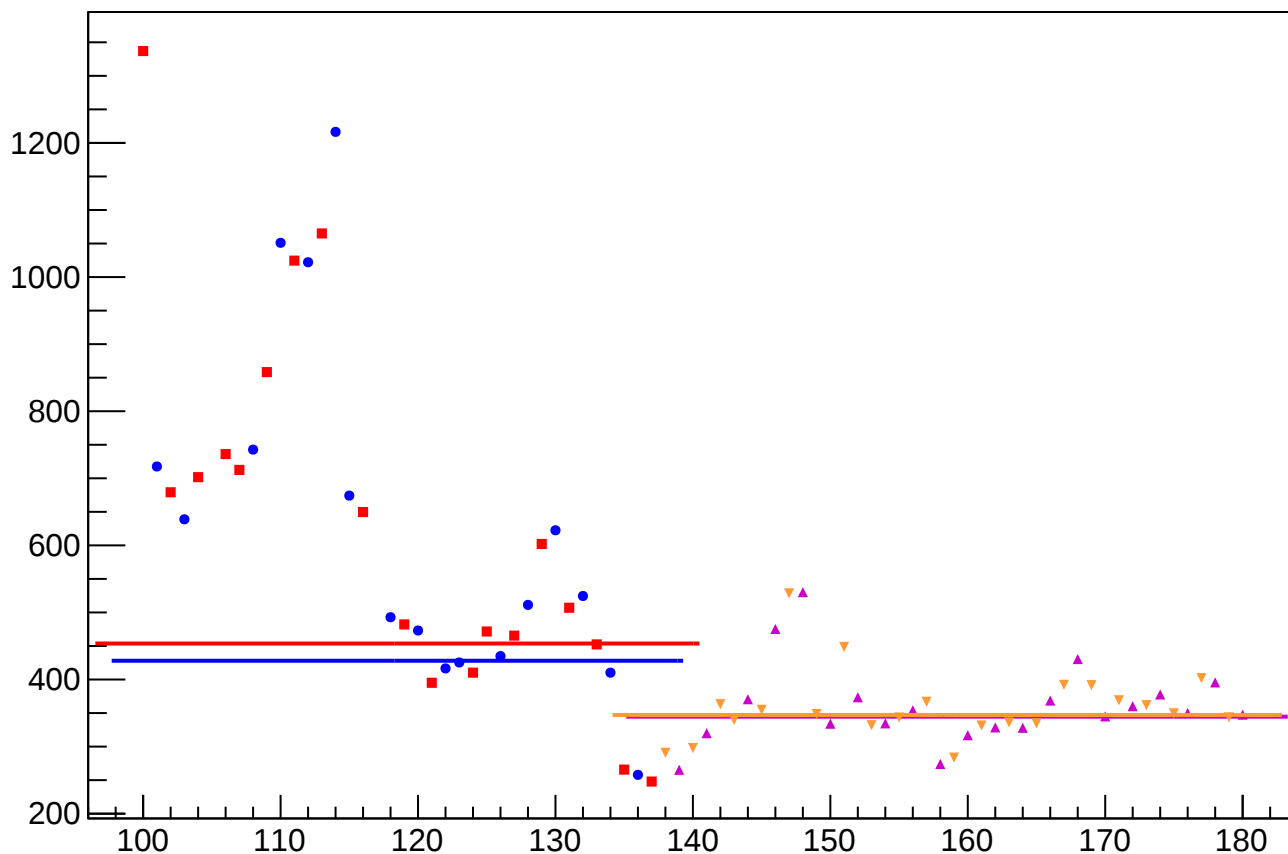
Right: -172.394 $\pm$ 128.849 χ^2 /NDF: 31.5/35

In: -44.285 $\pm$ 77.375 χ^2 /NDF:49.1/37

Out: -51.368 $\pm$ 77.771 χ^2 /NDF:41.4/40

All: -47.808 $\pm$ 54.852 χ^2 /NDF: 90.5/78

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2/NDF : 2062245.9/16

Left Out: 347.181 $\pm$ 0.061 χ^2/NDF : 535779.1/21

Right Out: 453.699 $\pm$ 0.131 χ^2/NDF : 2134547.2/18

Left In: 344.619 $\pm$ 0.061 χ^2/NDF : 725905.4/20

Left: 345.900 $\pm$ 0.043 χ^2/NDF : 1262578.2/42

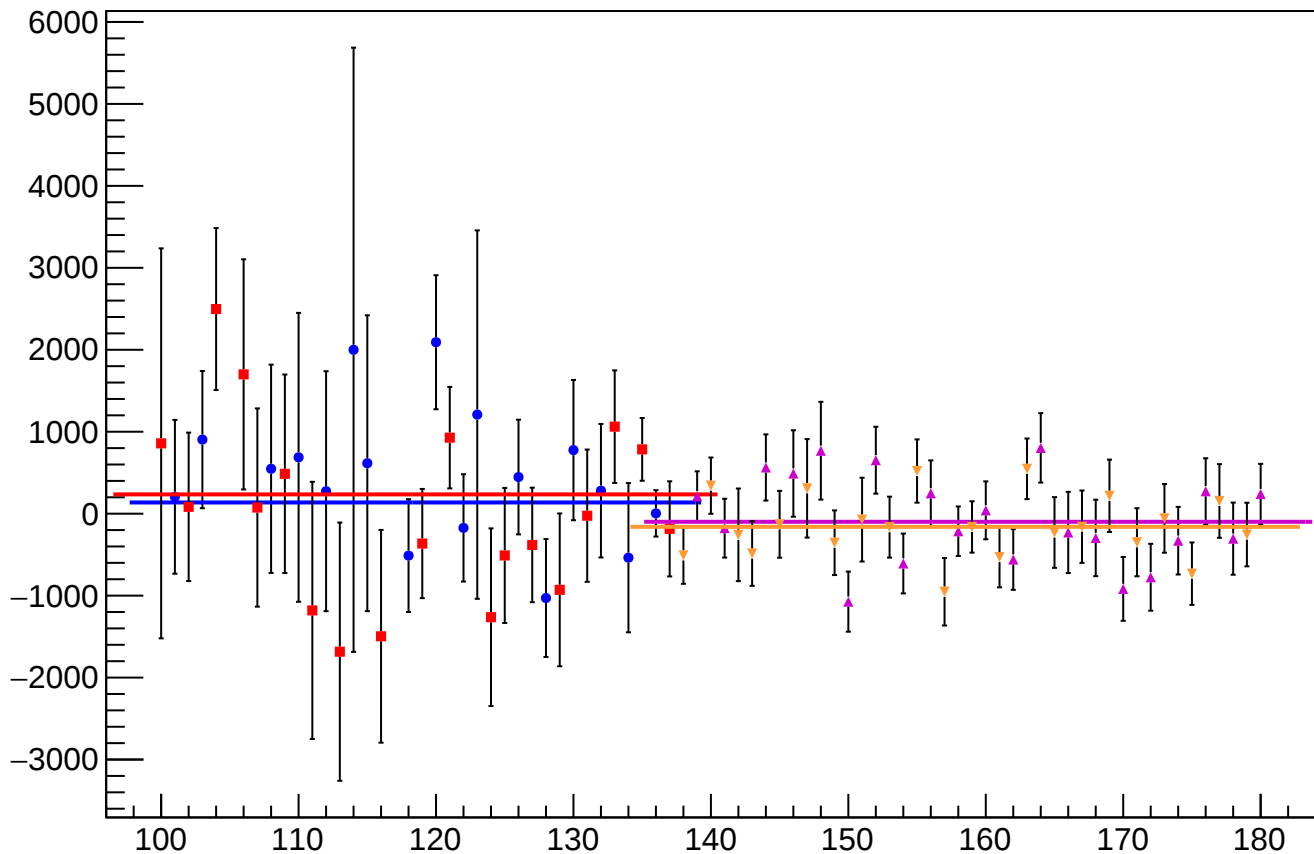
Right: 440.462 $\pm$ 0.091 χ^2/NDF : 4216688.0/35

In: 360.094 $\pm$ 0.055 χ^2/NDF : 3139137.7/37

Out: 366.011 $\pm$ 0.055 χ^2/NDF : 3216300.5/40

All: 363.037 $\pm$ 0.039 χ^2/NDF : 6361256.7/78

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -160.642 $\pm$ 85.849 χ^2 /NDF:20.0/21

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -98.881 $\pm$ 85.747 χ^2 /NDF:36.3/20

Left: -129.725 $\pm$ 60.668 χ^2 /NDF: 56.6/42

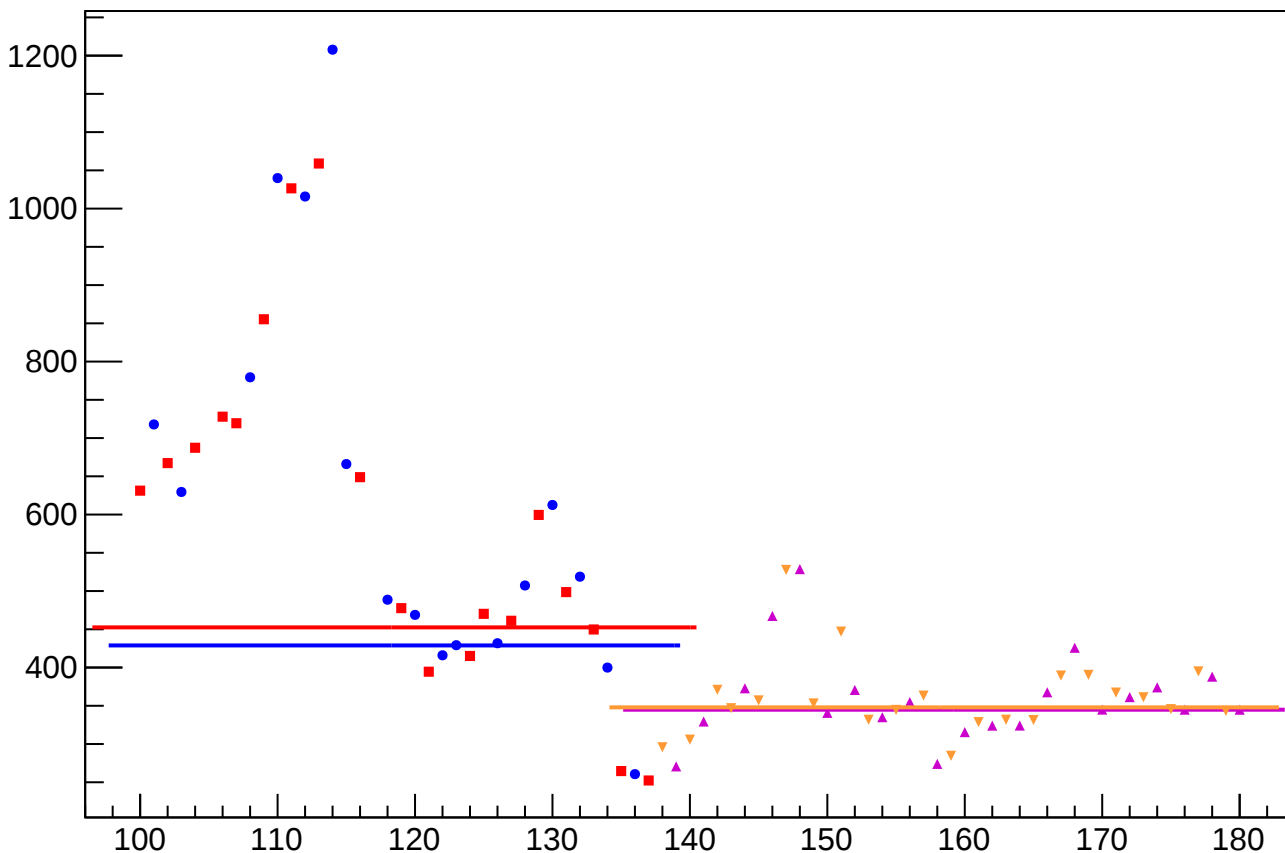
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: -55.133 $\pm$ 77.381 χ^2 /NDF:50.4/37

Out: -89.869 $\pm$ 77.800 χ^2 /NDF:45.7/40

All: -72.408 $\pm$ 54.864 χ^2 /NDF: 96.1/78

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 347.930+/-0.061 χ^2/NDF :499473.9/21

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 344.864+/-0.061 χ^2/NDF :673107.5/20

Left: 346.395+/-0.043 χ^2/NDF : 1173858.2/42

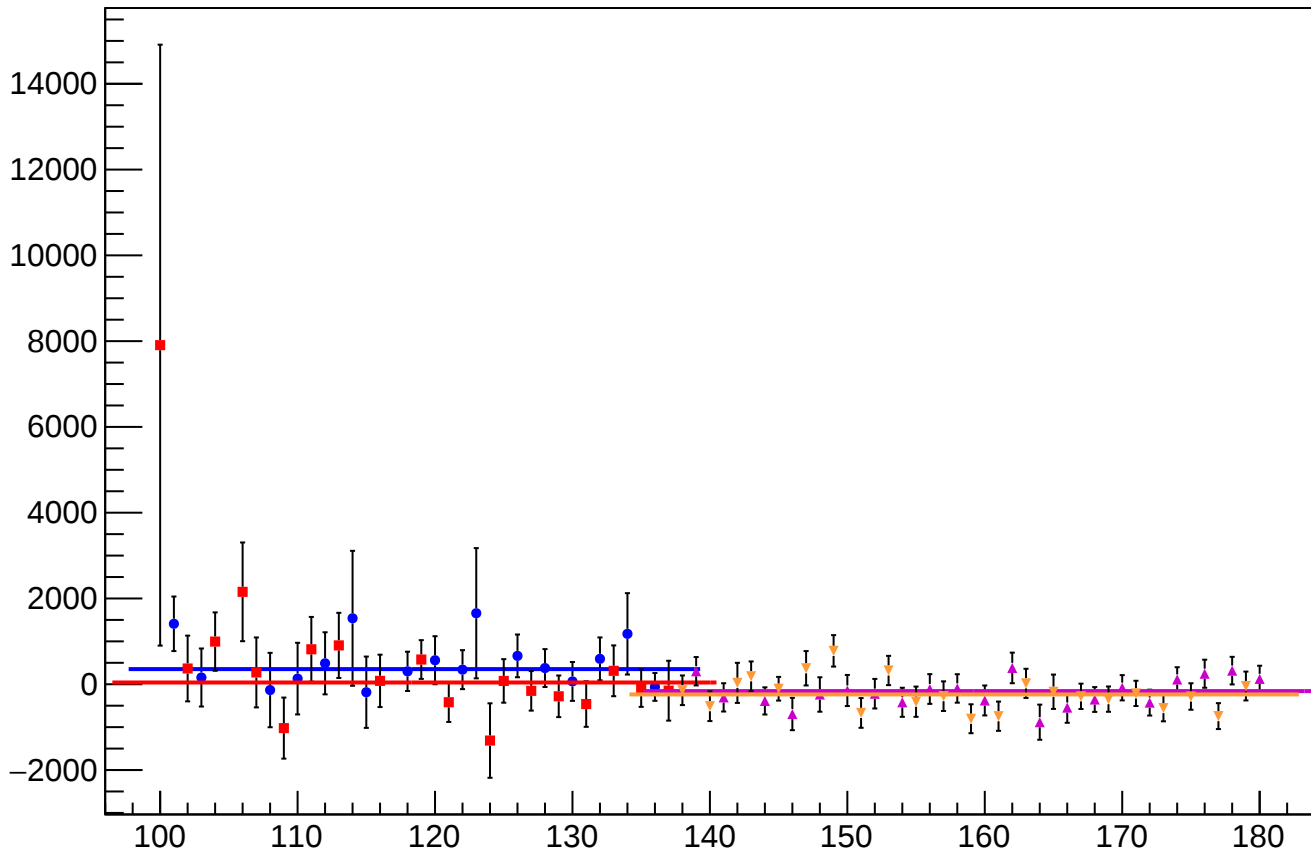
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 360.460+/-0.055 χ^2/NDF :3040172.7/37

Out: 366.617+/-0.055 χ^2/NDF :3071804.9/40

All: 363.522+/-0.039 χ^2/NDF : 6118274.2/78

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -237.186 ± 71.206 $\chi^2/\text{NDF}: 27.2/21$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -159.326 ± 72.548 $\chi^2/\text{NDF}: 19.2/20$

Left: -198.983 ± 50.818 $\chi^2/\text{NDF}: 47.0/42$

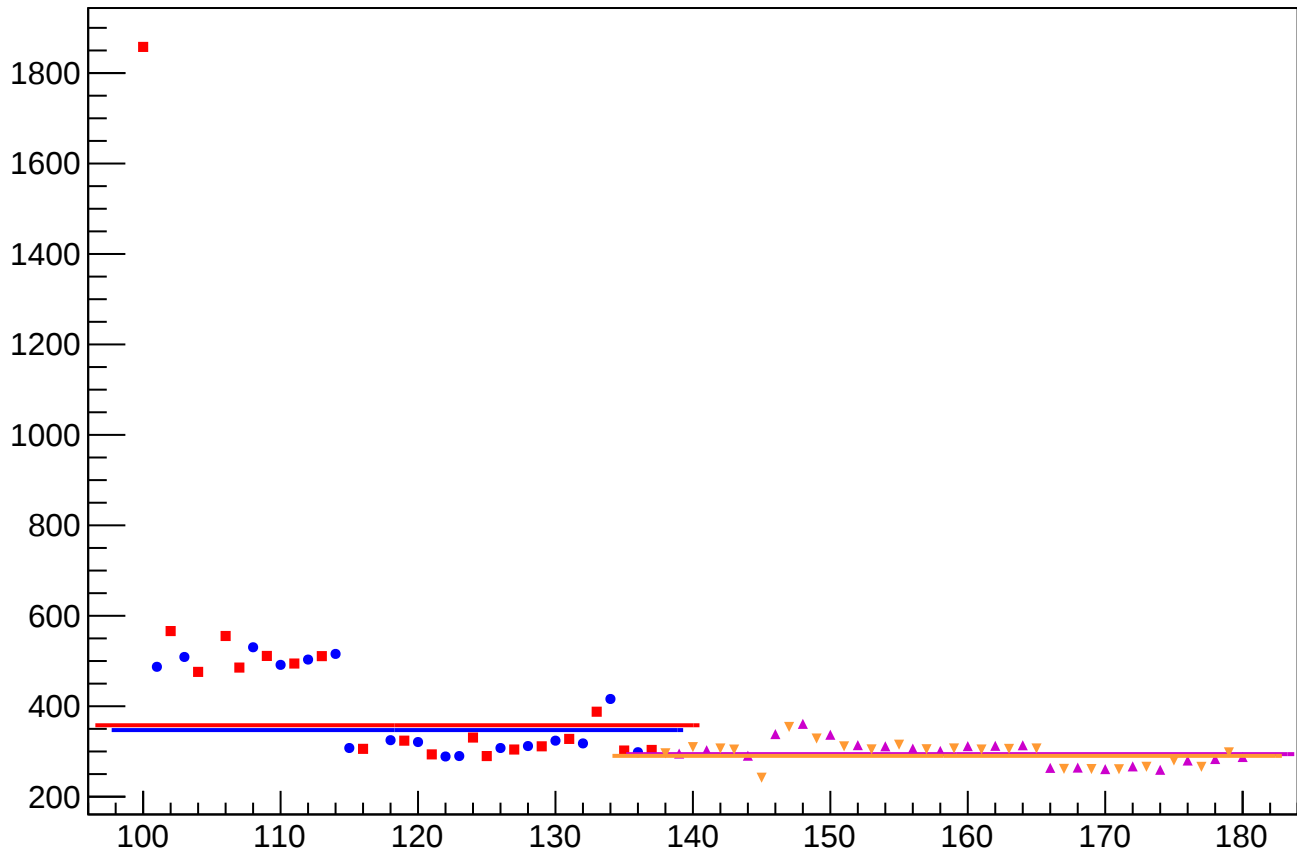
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: -47.519 ± 64.144 $\chi^2/\text{NDF}: 38.6/37$

Out: -179.339 ± 63.374 $\chi^2/\text{NDF}: 48.6/40$

All: -114.225 ± 45.082 $\chi^2/\text{NDF}: 89.4/78$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 290.302 $\pm$ 0.050 χ^2 /NDF:273374.3/21

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 294.123 $\pm$ 0.051 χ^2 /NDF:256650.7/20

Left: 292.177 $\pm$ 0.036 χ^2 /NDF: 532850.3/42

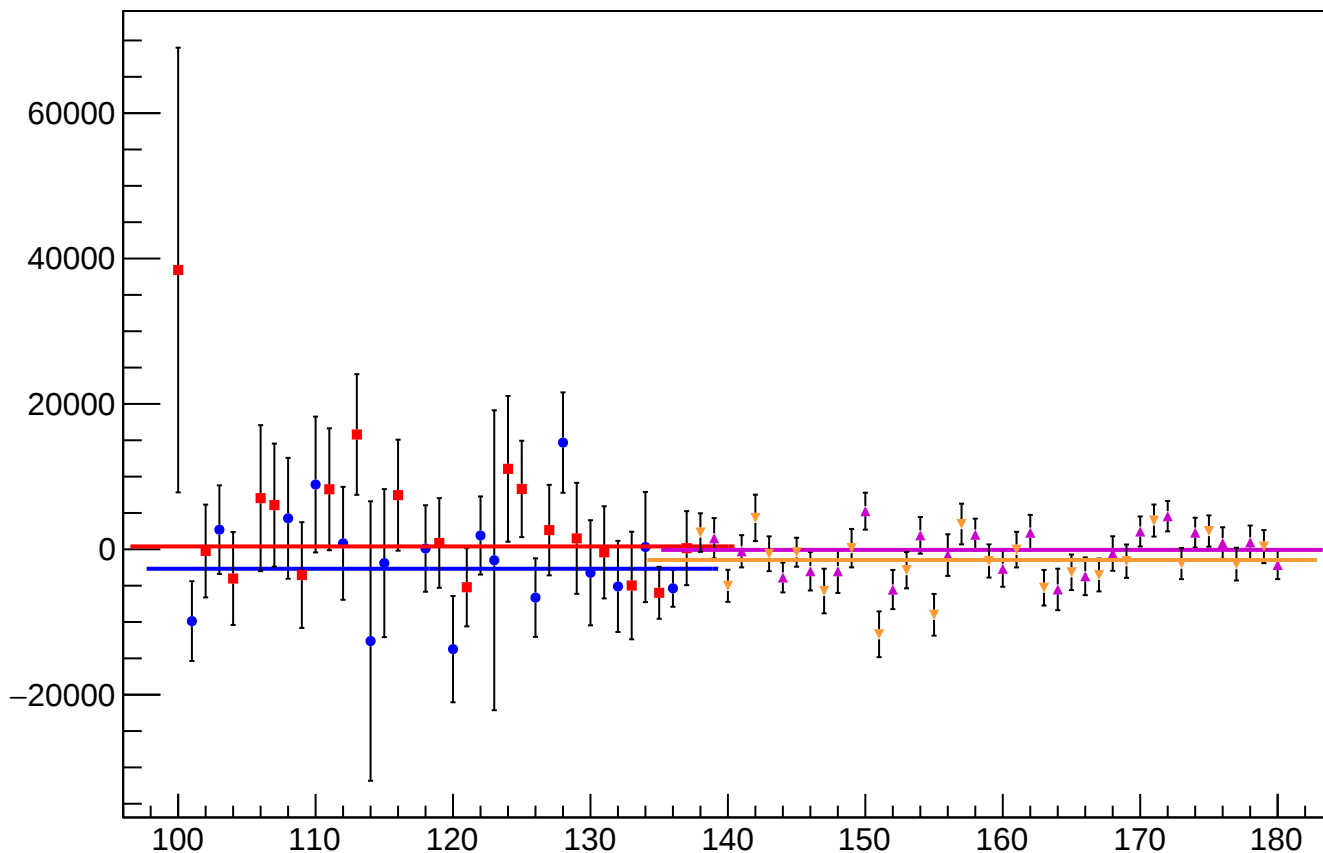
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 305.725 $\pm$ 0.045 χ^2 /NDF:1109917.6/37

Out: 304.366 $\pm$ 0.045 χ^2 /NDF:1500334.6/40

All: 305.037 $\pm$ 0.032 χ^2 /NDF: 2610706.4/78

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -1466.777 $\pm$ 517.017 χ^2/NDF : 45.8/21

Right Out: 398.443 $\pm$ 1515.968 χ^2/NDF : 15.9/18

Left In: -79.525 $\pm$ 517.096 χ^2/NDF : 32.9/20

Left: -773.257 $\pm$ 365.614 χ^2/NDF : 82.4/42

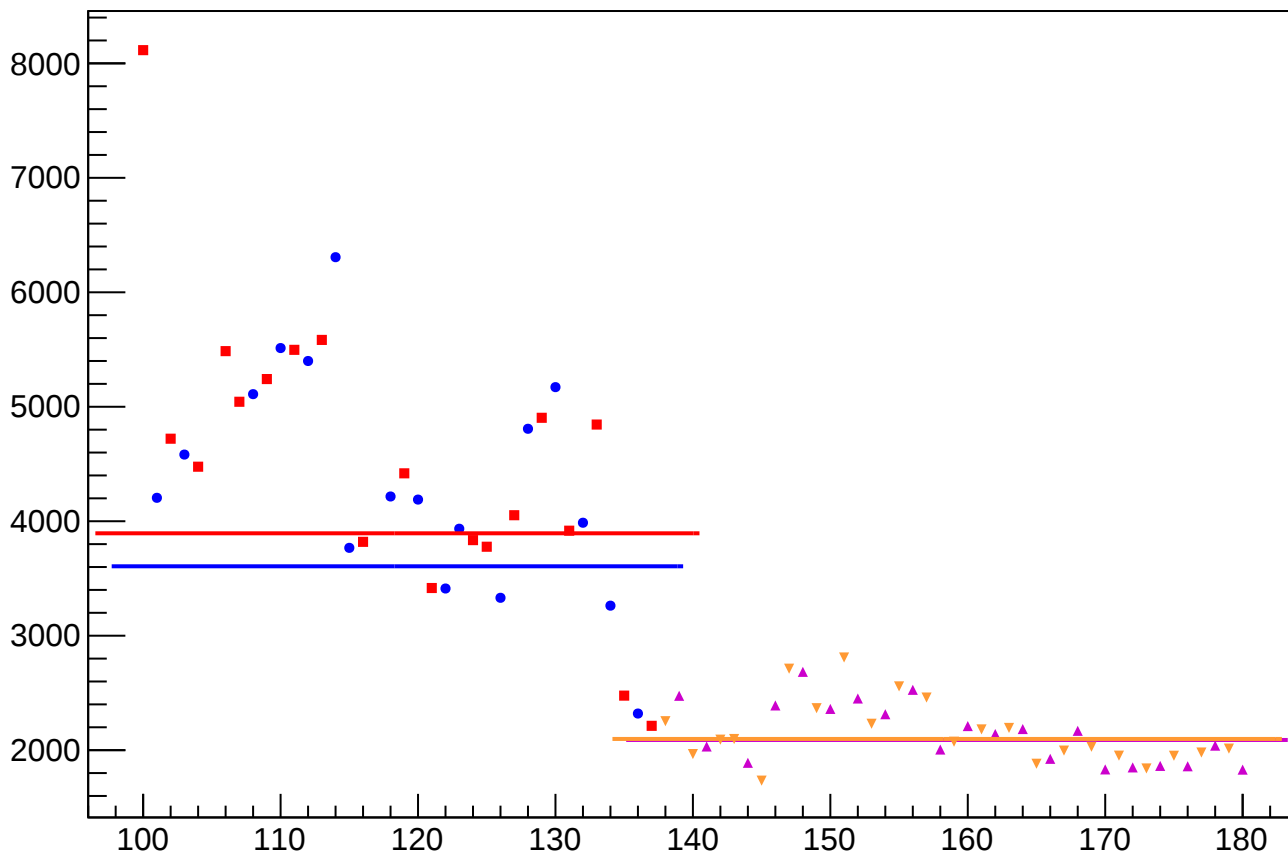
Right: -1199.564 $\pm$ 1050.178 χ^2/NDF : 34.8/35

In: -370.051 $\pm$ 487.285 χ^2/NDF : 52.5/37

Out: -1272.432 $\pm$ 489.341 χ^2/NDF : 63.1/40

All: -819.341 $\pm$ 345.287 χ^2/NDF : 117.3/78

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2098.038+/-0.366 χ^2/NDF : 456461.4/21

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2089.078+/-0.366 χ^2/NDF : 447050.9/20

Left: 2093.558+/-0.259 χ^2/NDF : 903812.6/42

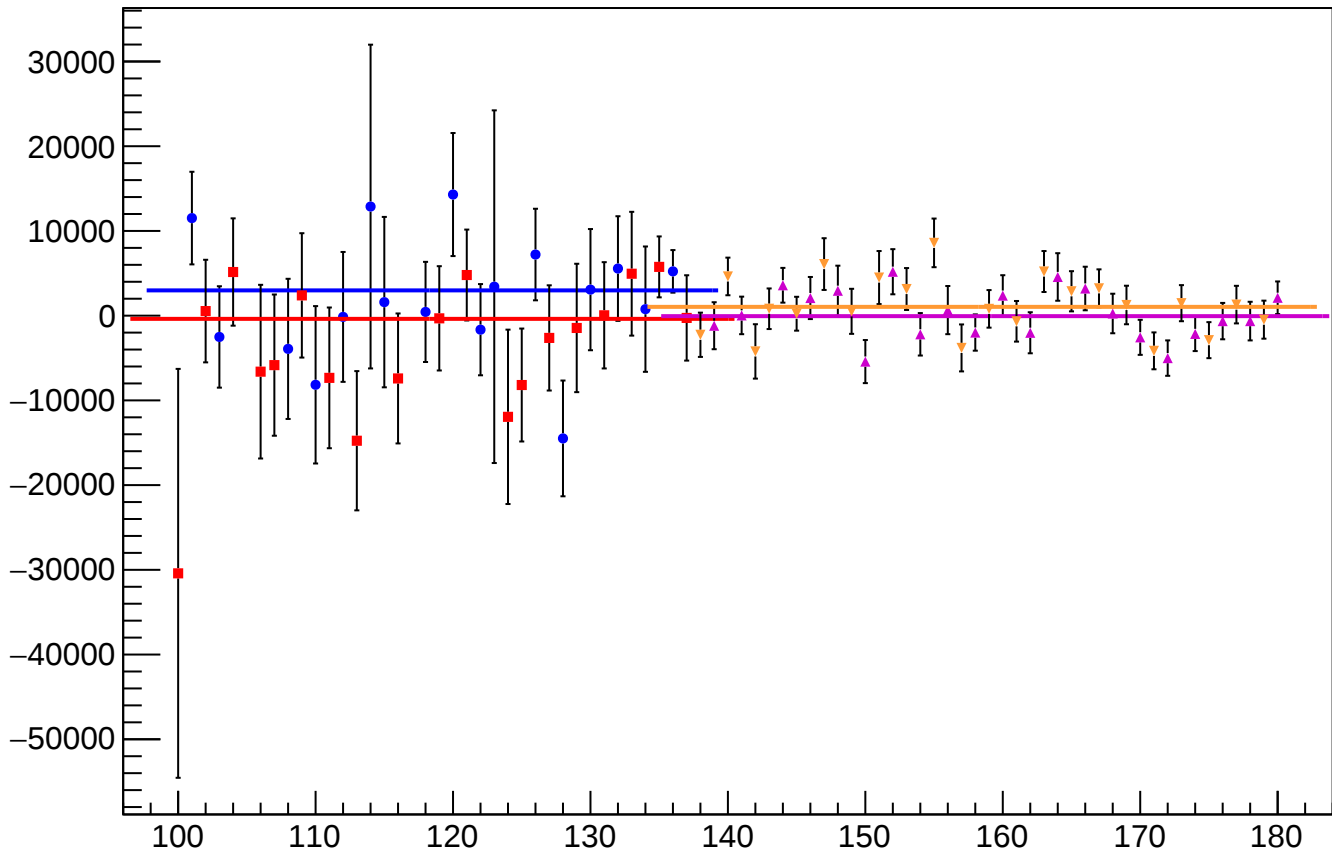
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2258.979+/-0.345 χ^2/NDF : 3467764.7/37

Out: 2285.229+/-0.346 χ^2/NDF : 4005421.8/40

All: 2272.049+/-0.244 χ^2/NDF : 7476076.1/78

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1039.519+/-512.303 χ^2/NDF : 36.4/21

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: -56.895+/-510.736 χ^2/NDF : 30.6/20

Left: 489.633+/-361.698 χ^2/NDF : 69.3/42

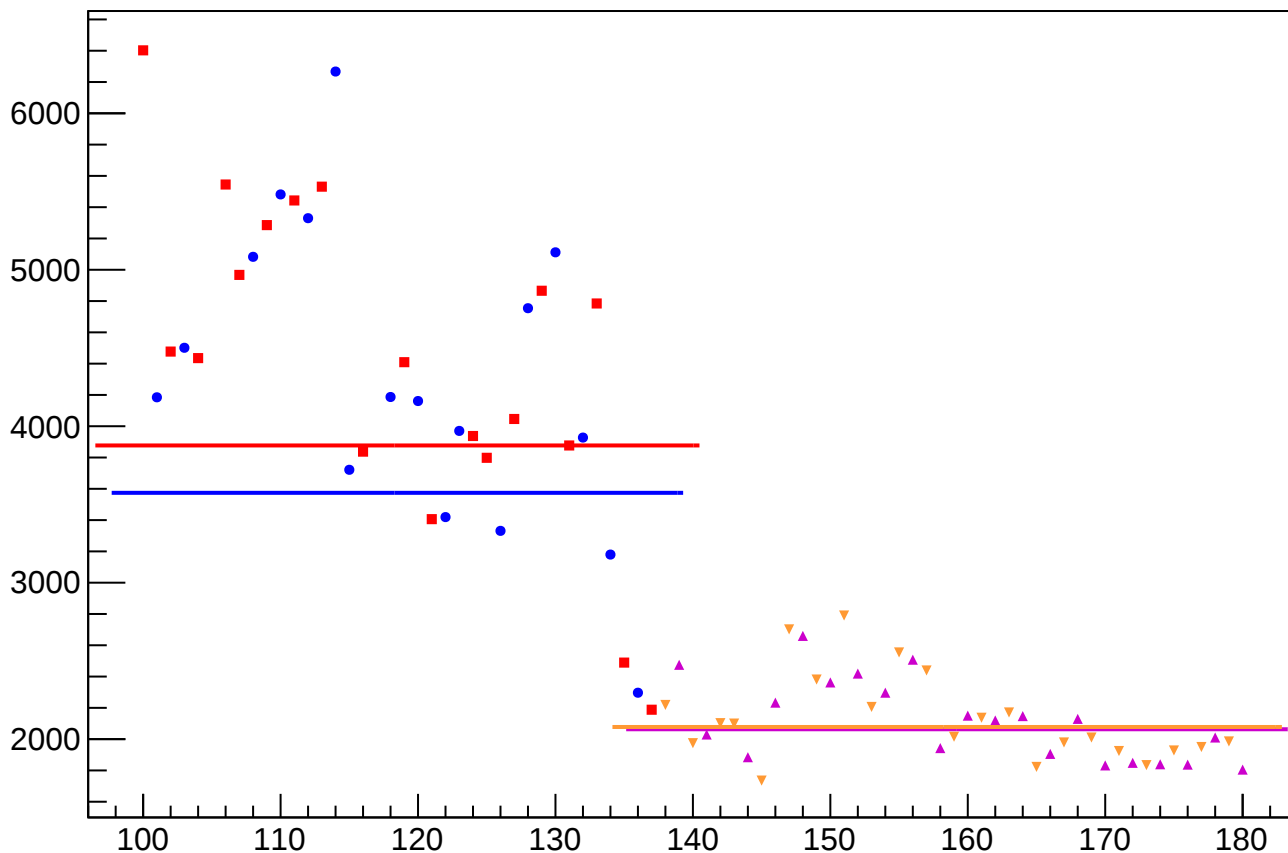
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 281.335+/-481.492 χ^2/NDF : 52.0/37

Out: 892.807+/-485.055 χ^2/NDF : 52.3/40

All: 584.816+/-341.719 χ^2/NDF : 105.1/78

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2077.746 $\pm$ 0.362 χ^2/NDF : 467457.8/21

Right Out: 3877.124 $\pm$ 1.066 χ^2/NDF : 990125.2/18

Left In: 2063.178 $\pm$ 0.361 χ^2/NDF : 430603.5/20

Left: 2070.440 $\pm$ 0.256 χ^2/NDF : 898872.3/42

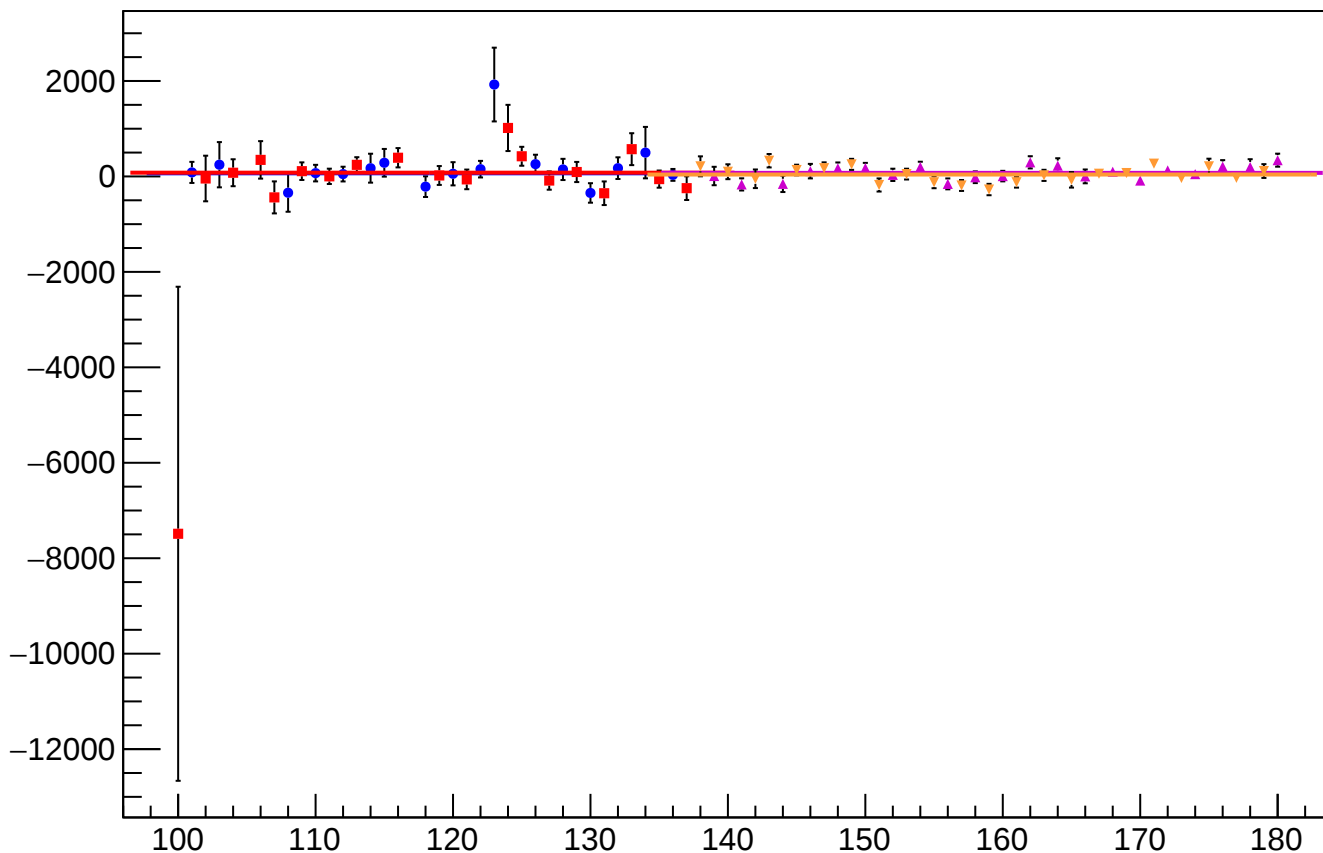
Right: 3719.204 $\pm$ 0.737 χ^2/NDF : 2123559.1/35

In: 2231.284 $\pm$ 0.340 χ^2/NDF : 3469720.8/37

Out: 2264.062 $\pm$ 0.343 χ^2/NDF : 4012337.8/40

All: 2247.552 $\pm$ 0.242 χ^2/NDF : 7486658.7/78

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 40.000+/-24.876 χ^2/NDF : 37.7/21

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 74.690+/-25.817 χ^2/NDF : 26.5/20

Left: 56.702+/-17.913 χ^2/NDF : 65.1/42

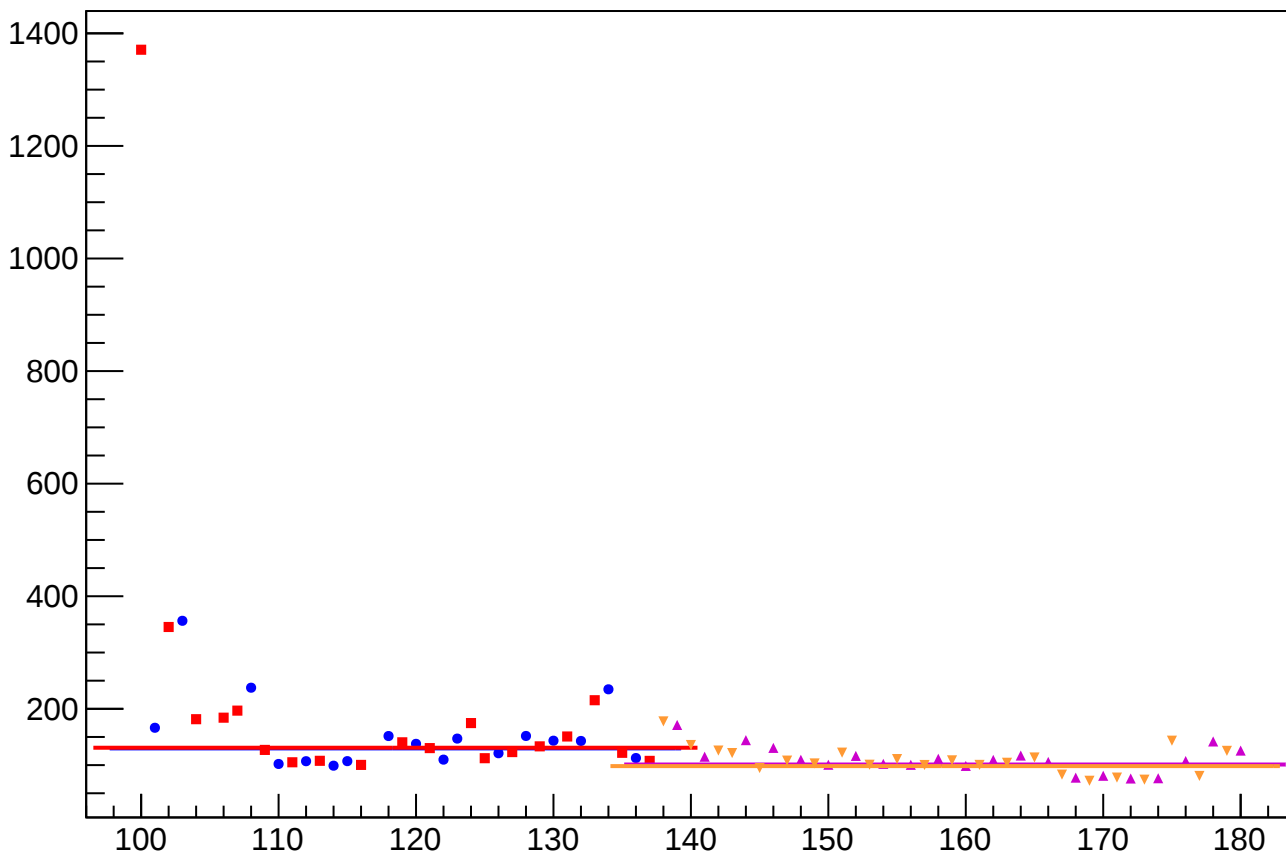
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 72.858+/-23.184 χ^2/NDF : 42.2/37

Out: 47.131+/-22.468 χ^2/NDF : 62.5/40

All: 59.591+/-16.134 χ^2/NDF : 105.3/78

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 98.239 $\pm$ 0.018 χ^2 /NDF:1449485.9/21

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 101.064 $\pm$ 0.018 χ^2 /NDF:1337894.1/20

Left: 99.599 $\pm$ 0.013 χ^2 /NDF: 2799797.4/42

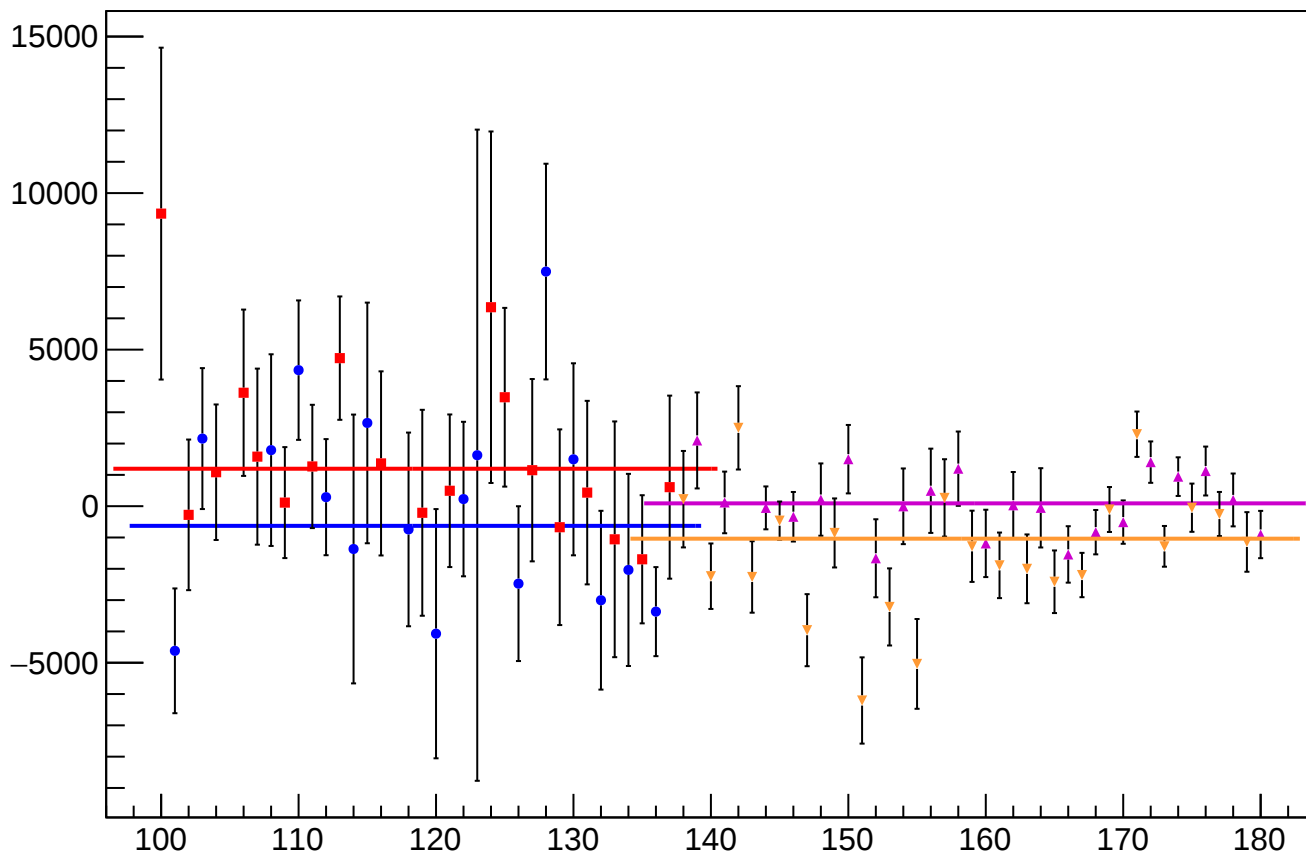
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 106.605 $\pm$ 0.016 χ^2 /NDF:2803699.4/37

Out: 104.253 $\pm$ 0.016 χ^2 /NDF:3126232.3/40

All: 105.392 $\pm$ 0.011 χ^2 /NDF: 5940547.2/78

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1037.753 ± 196.982 χ^2/NDF : 75.7/21

Right Out: 1196.185 ± 595.685 χ^2/NDF : 11.8/18

Left In: 90.251 ± 193.333 χ^2/NDF : 23.2/20

Left: -463.207 ± 137.979 χ^2/NDF : 115.6/42

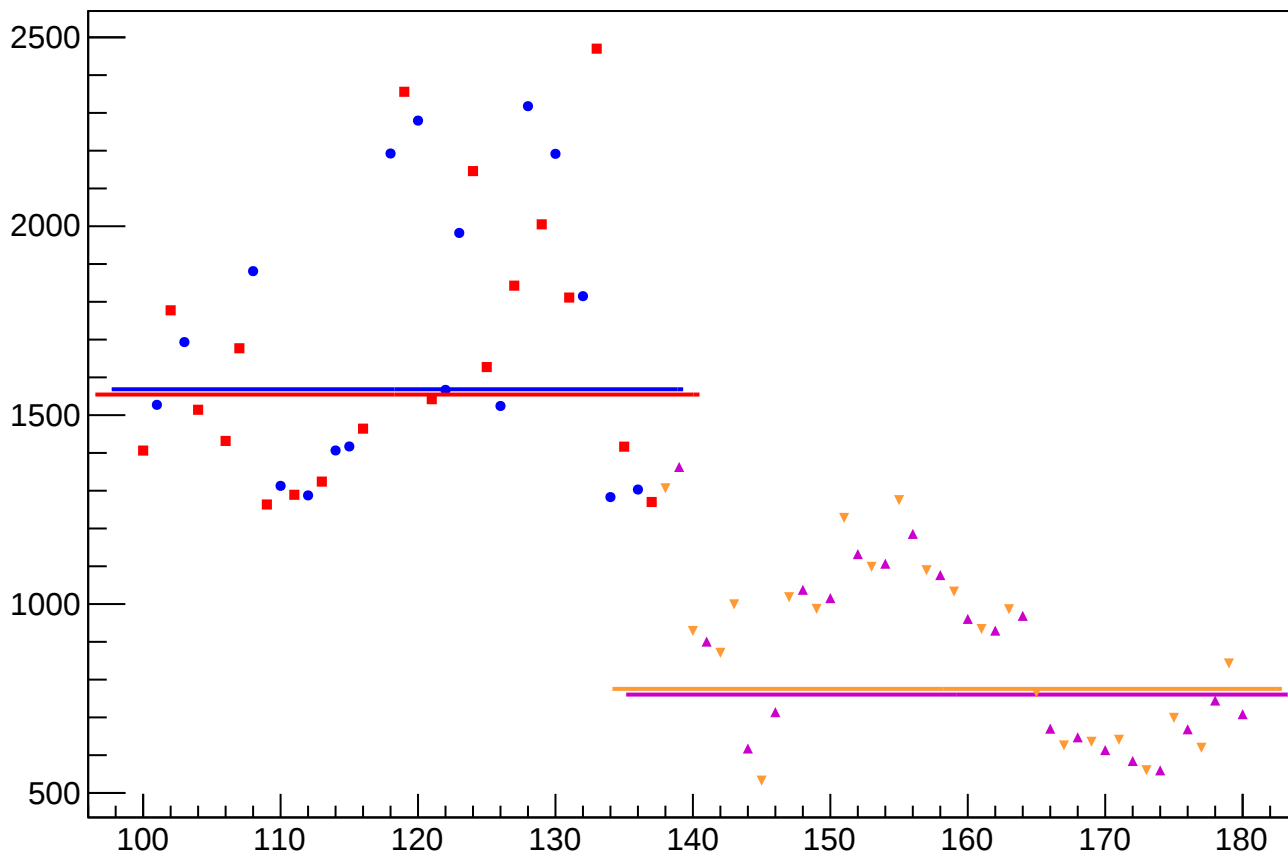
Right: 322.661 ± 430.045 χ^2/NDF : 40.5/35

In: 26.861 ± 184.607 χ^2/NDF : 48.7/37

Out: -817.550 ± 187.022 χ^2/NDF : 100.1/40

All: -389.858 ± 131.382 χ^2/NDF : 159.2/78

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 775.487+/-0.139 χ^2/NDF : 2375086.4/21

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 760.380+/-0.137 χ^2/NDF : 2077845.3/20

Left: 767.792+/-0.098 χ^2/NDF : 4458923.1/42

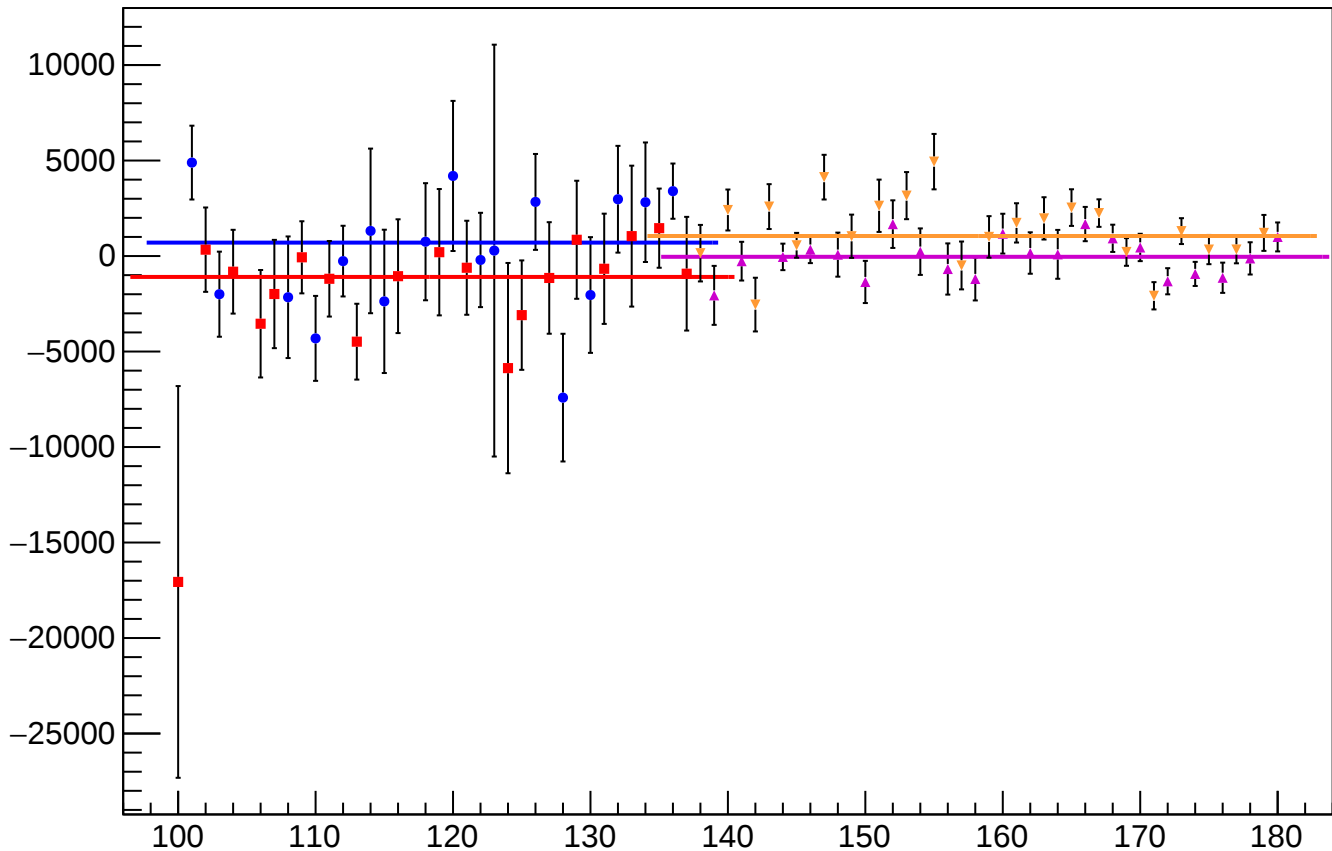
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 831.682+/-0.131 χ^2/NDF : 5695092.4/37

Out: 852.278+/-0.132 χ^2/NDF : 5970652.0/40

All: 841.846+/-0.093 χ^2/NDF : 11678030.3/78

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1049.113+/-199.397 χ^2/NDF : 59.6/21

Right Out: -1093.862+/-603.204 χ^2/NDF : 10.6/18

Left In: -40.030+/-193.778 χ^2/NDF : 23.4/20

Left: 488.981+/-138.966 χ^2/NDF : 98.3/42

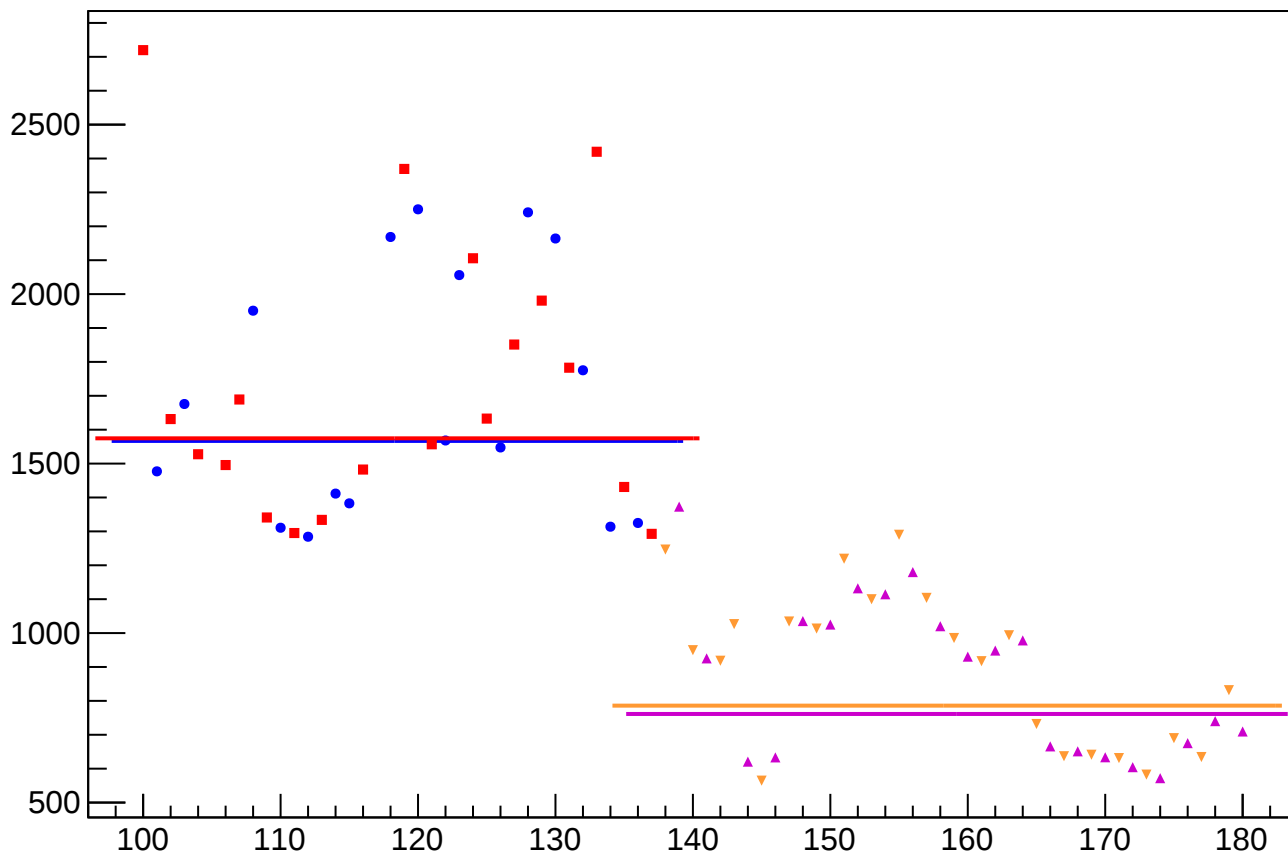
Right: -220.967+/-432.555 χ^2/NDF : 40.9/35

In: 25.978+/-184.971 χ^2/NDF : 50.7/37

Out: 838.014+/-189.321 χ^2/NDF : 81.6/40

All: 422.561+/-132.306 χ^2/NDF : 141.7/78

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 785.939 $\pm$ 0.141 χ^2 /NDF: 2184962.2/21

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 761.349 $\pm$ 0.137 χ^2 /NDF: 2010593.7/20

Left: 773.292 $\pm$ 0.098 χ^2 /NDF: 4211199.3/42

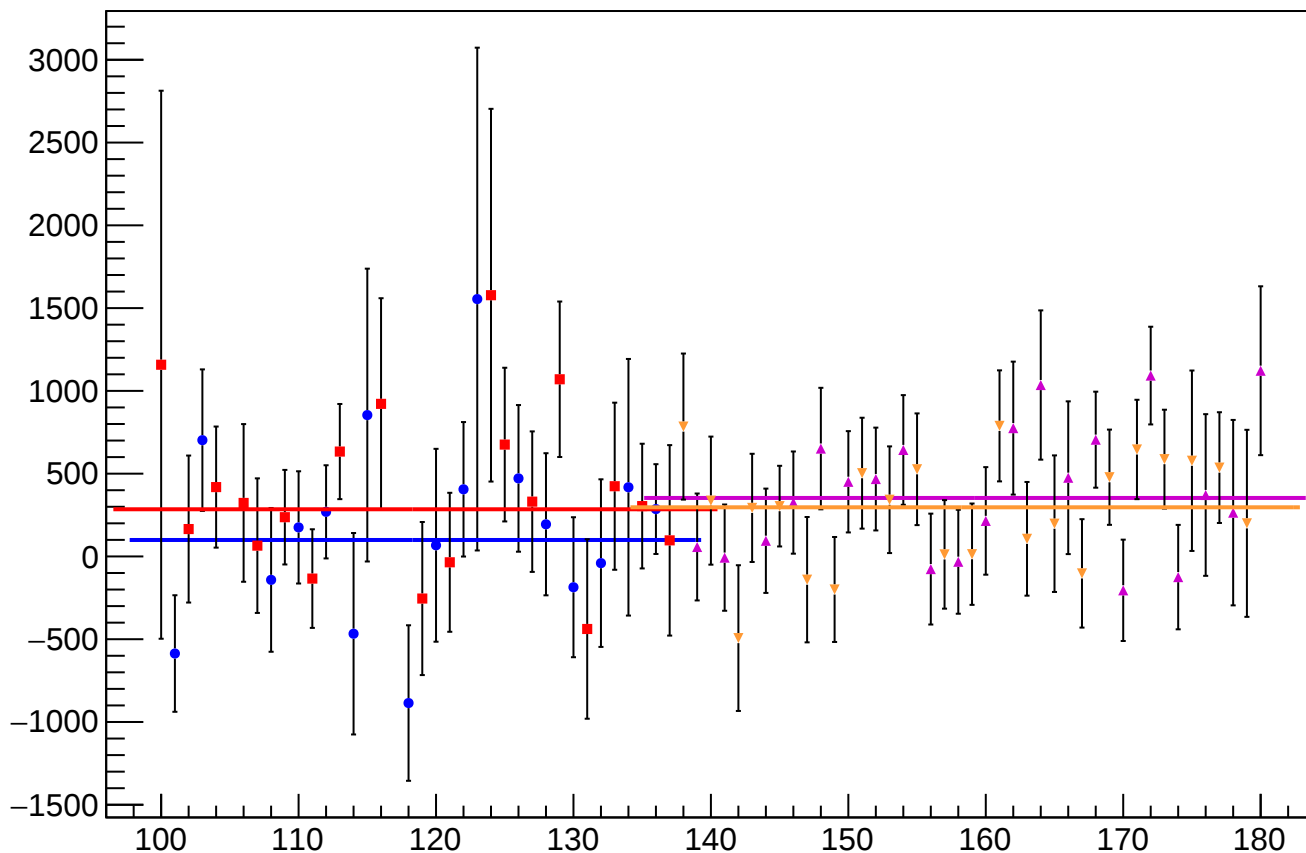
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 832.909 $\pm$ 0.131 χ^2 /NDF: 5580917.9/37

Out: 863.621 $\pm$ 0.134 χ^2 /NDF: 5730748.4/40

All: 847.908 $\pm$ 0.094 χ^2 /NDF: 11338592.9/78

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 296.824 $\pm$ 72.573 χ^2/NDF : 18.2/21

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 353.269 $\pm$ 75.134 χ^2/NDF : 26.9/20

Left: 324.068 $\pm$ 52.199 χ^2/NDF : 45.4/42

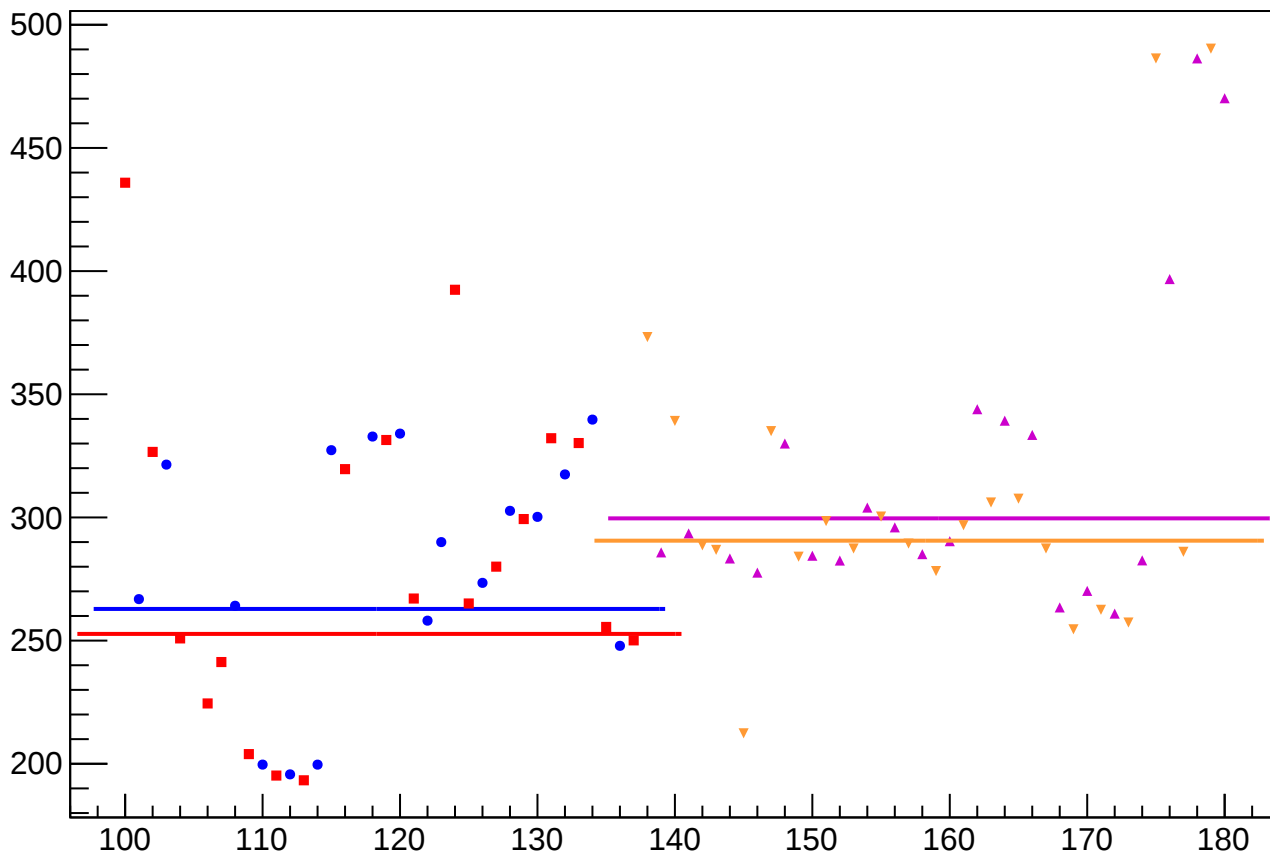
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 265.612 $\pm$ 60.795 χ^2/NDF : 46.8/37

Out: 292.578 $\pm$ 58.261 χ^2/NDF : 32.2/40

All: 279.669 $\pm$ 42.064 χ^2/NDF : 79.1/78

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 290.569+/-0.051 χ^2/NDF : 933367.9/21

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 299.624+/-0.053 χ^2/NDF : 716625.1/20

Left: 294.940+/-0.037 χ^2/NDF : 1665019.0/42

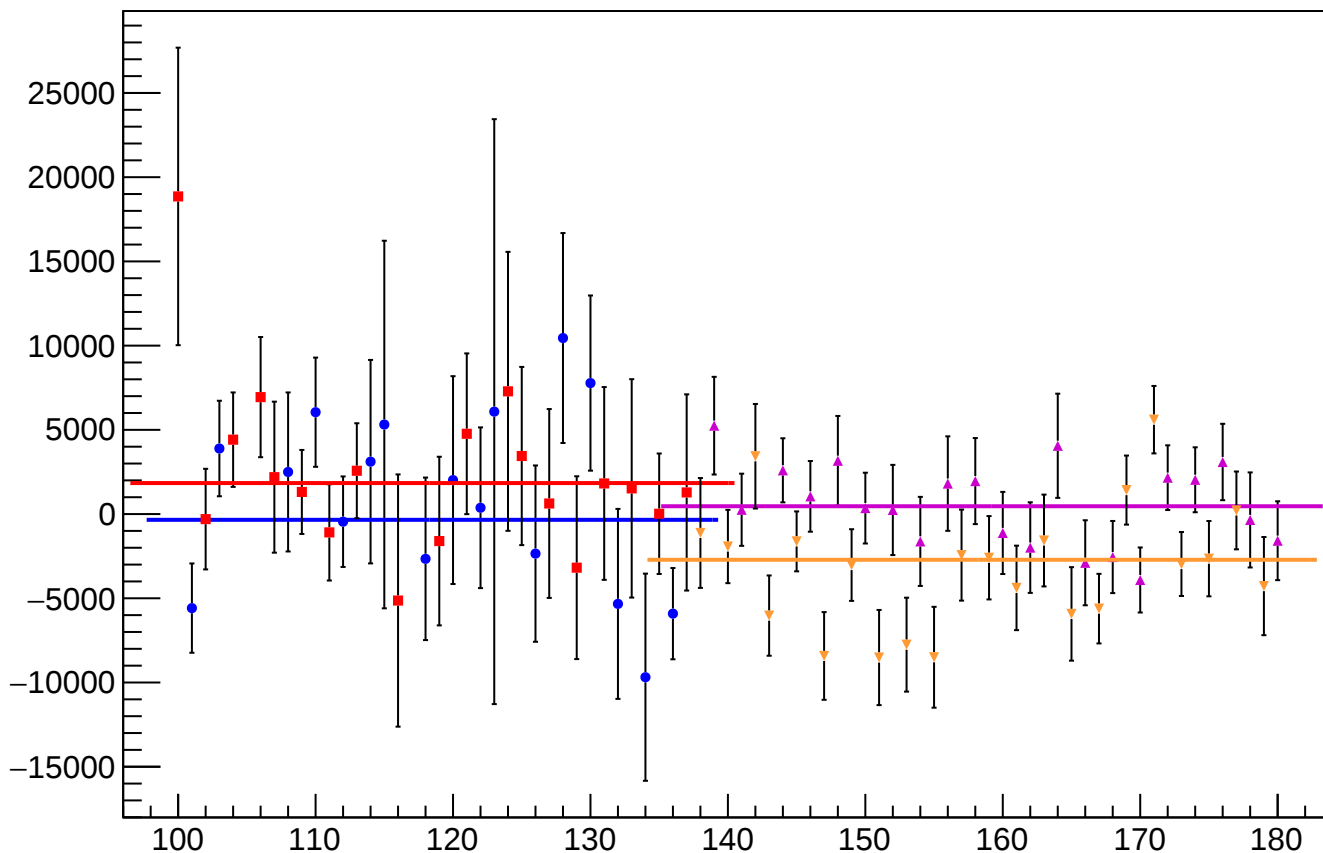
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 286.929+/-0.043 χ^2/NDF : 1293688.6/37

Out: 277.113+/-0.041 χ^2/NDF : 1666506.0/40

All: 281.812+/-0.030 χ^2/NDF : 2987376.1/78

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -2713.765+/-508.772 χ^2/NDF : 49.8/21

Right Out: 1840.596+/-924.746 χ^2/NDF : 11.7/18

Left In: 464.446+/-508.443 χ^2/NDF : 21.4/20

Left: -1123.629+/-359.640 χ^2/NDF : 90.8/42

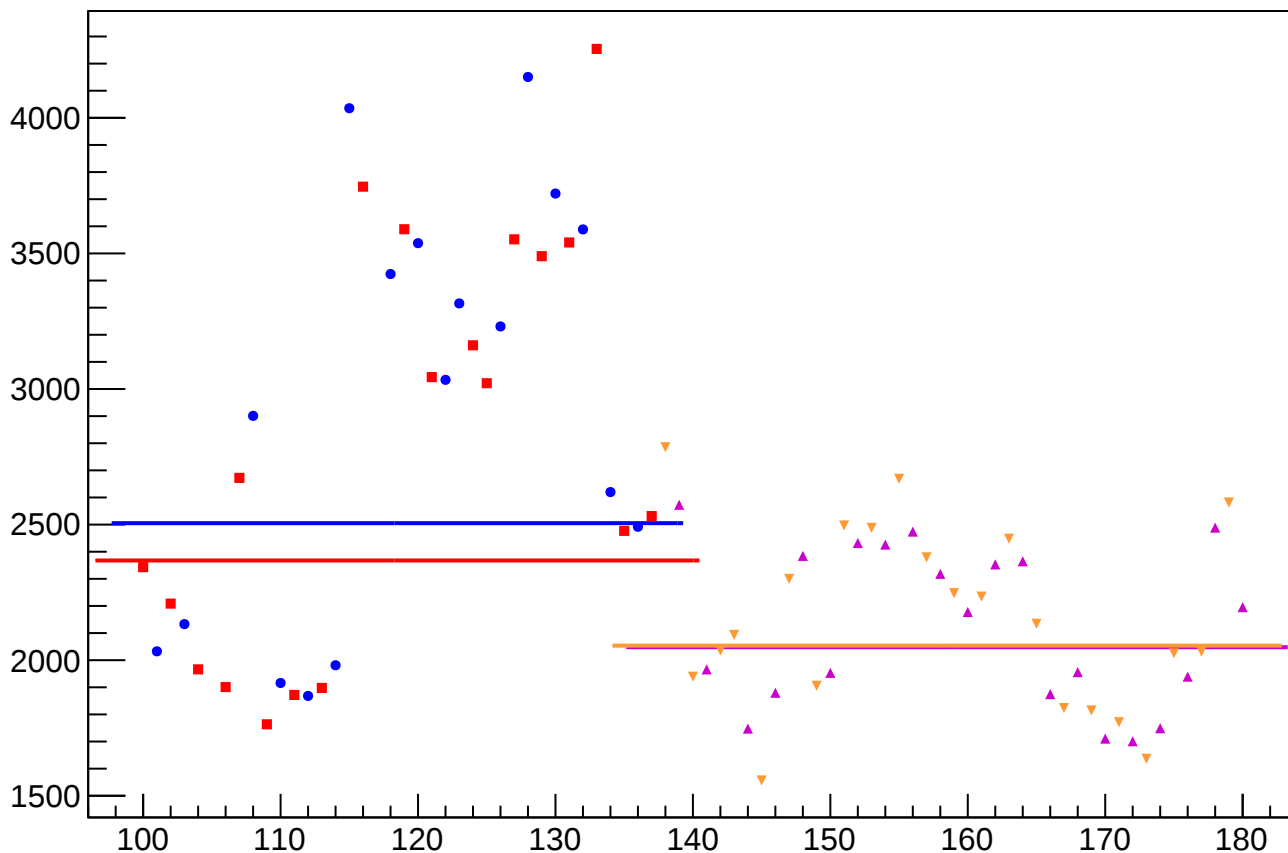
Right: 839.728+/-680.387 χ^2/NDF : 38.7/35

In: 300.100+/-453.653 χ^2/NDF : 46.4/37

Out: -1655.517+/-445.761 χ^2/NDF : 80.2/40

All: -694.866+/-317.954 χ^2/NDF : 136.0/78

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2053.654 $\pm$ 0.360 χ^2 /NDF: 822290.4/21

Right Out: 2367.730 $\pm$ 0.654 χ^2 /NDF: 1030895.6/18

Left In: 2047.763 $\pm$ 0.360 χ^2 /NDF: 619188.0/20

Left: 2050.707 $\pm$ 0.254 χ^2 /NDF: 1441612.6/42

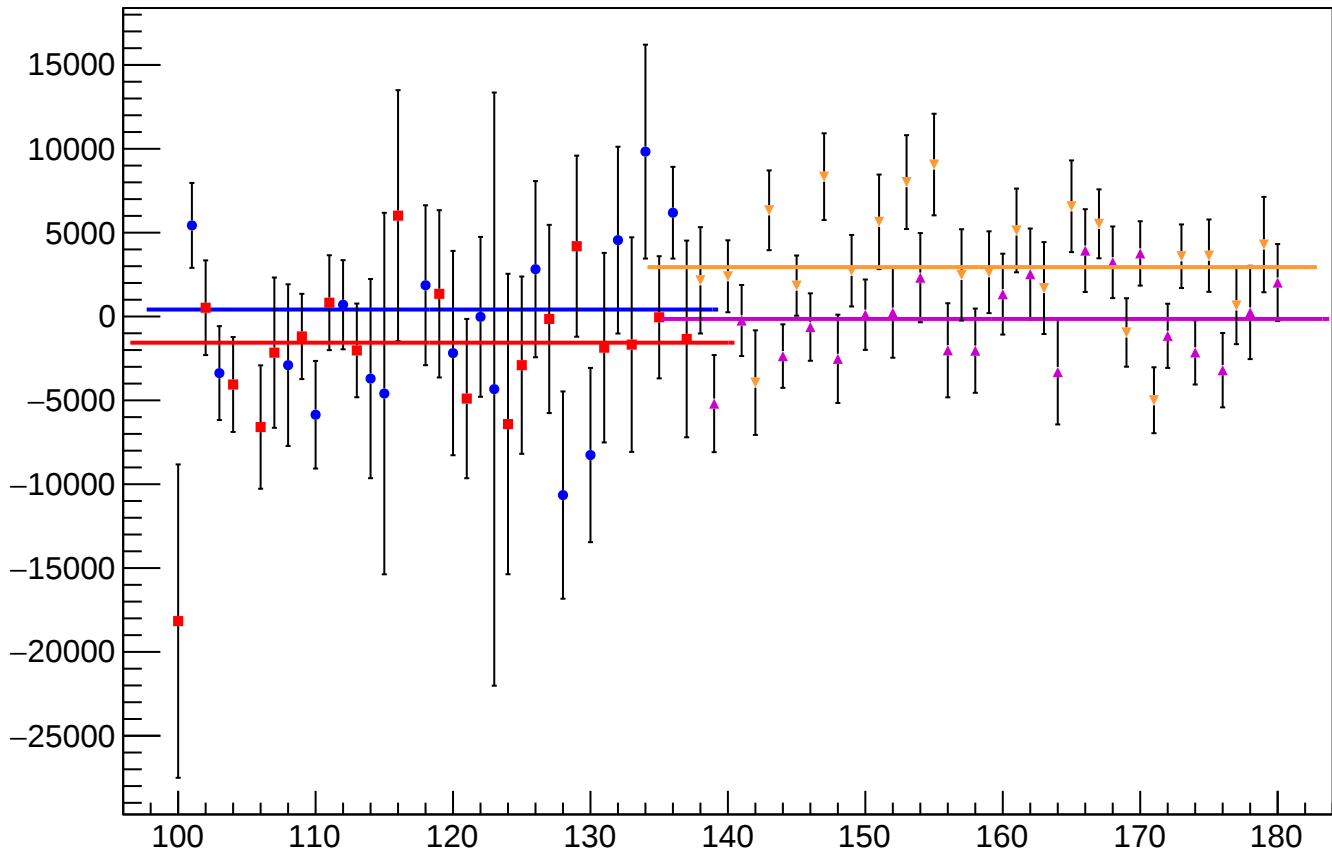
Right: 2430.842 $\pm$ 0.481 χ^2 /NDF: 1915339.5/35

In: 2141.064 $\pm$ 0.321 χ^2 /NDF: 1813604.1/37

Out: 2126.632 $\pm$ 0.315 χ^2 /NDF: 2030284.0/40

All: 2133.722 $\pm$ 0.225 χ^2 /NDF: 3844917.9/78

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 χ^2/NDF : 24.5/16

Left Out: 2947.285 ± 505.788 χ^2/NDF : 45.8/21

Right Out: -1558.787 ± 924.438 χ^2/NDF : 10.7/18

Left In: -144.450 ± 503.897 χ^2/NDF : 23.1/20

Left: 1395.625 ± 356.976 χ^2/NDF : 87.6/42

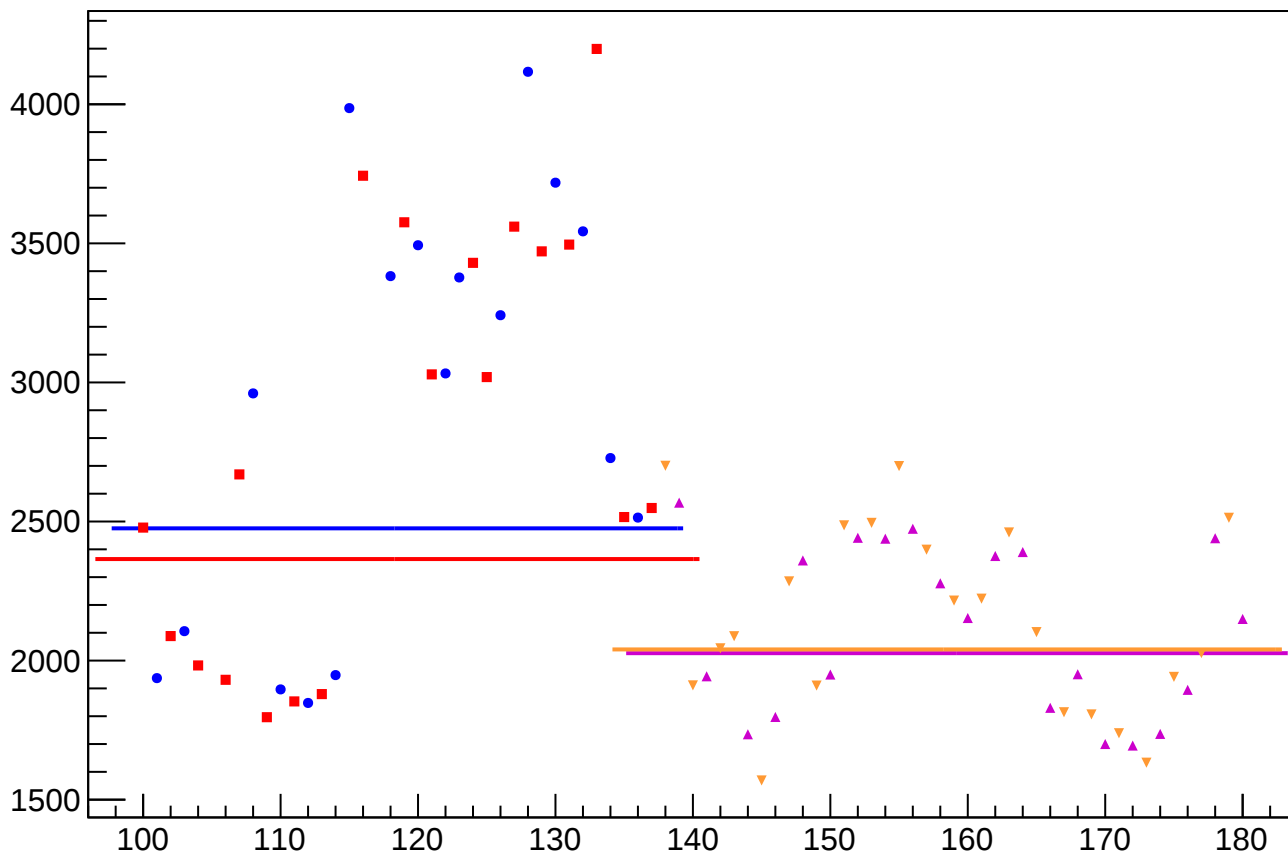
Right: -644.015 ± 677.222 χ^2/NDF : 37.3/35

In: -30.127 ± 449.529 χ^2/NDF : 47.9/37

Out: 1909.152 ± 443.716 χ^2/NDF : 74.8/40

All: 952.131 ± 315.790 χ^2/NDF : 132.1/78

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2040.118+/-0.358 χ^2/NDF : 808740.8/21

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2026.665+/-0.356 χ^2/NDF : 649467.5/20

Left: 2033.366+/-0.252 χ^2/NDF : 1458918.4/42

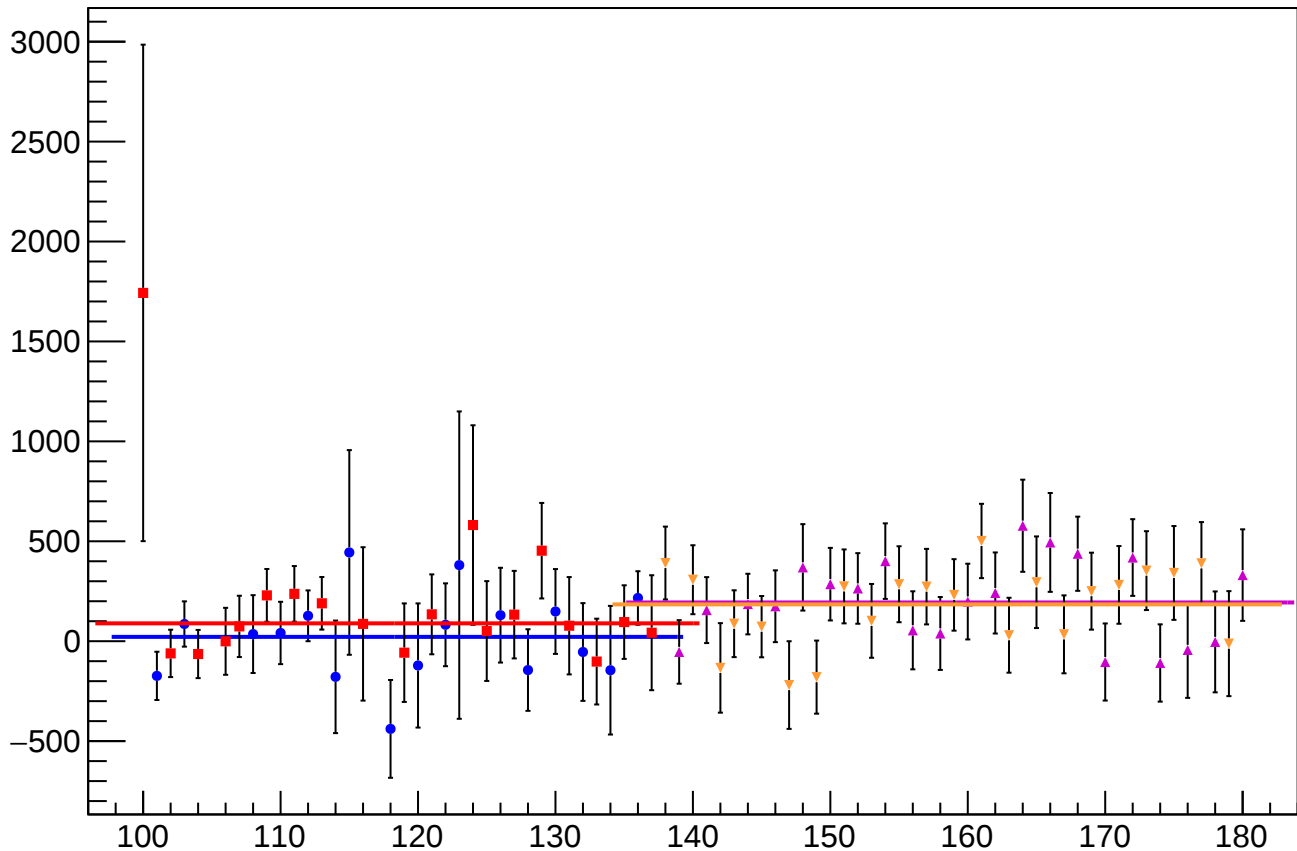
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2118.280+/-0.318 χ^2/NDF : 1886387.8/37

Out: 2114.972+/-0.314 χ^2/NDF : 2026048.8/40

All: 2116.604+/-0.223 χ^2/NDF : 3912491.4/78

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 184.240 $\pm$ 40.958 χ^2/NDF : 20.6/21

Right Out: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 193.826 $\pm$ 41.956 χ^2/NDF : 20.2/20

Left: 188.917 $\pm$ 29.308 χ^2/NDF : 40.8/42

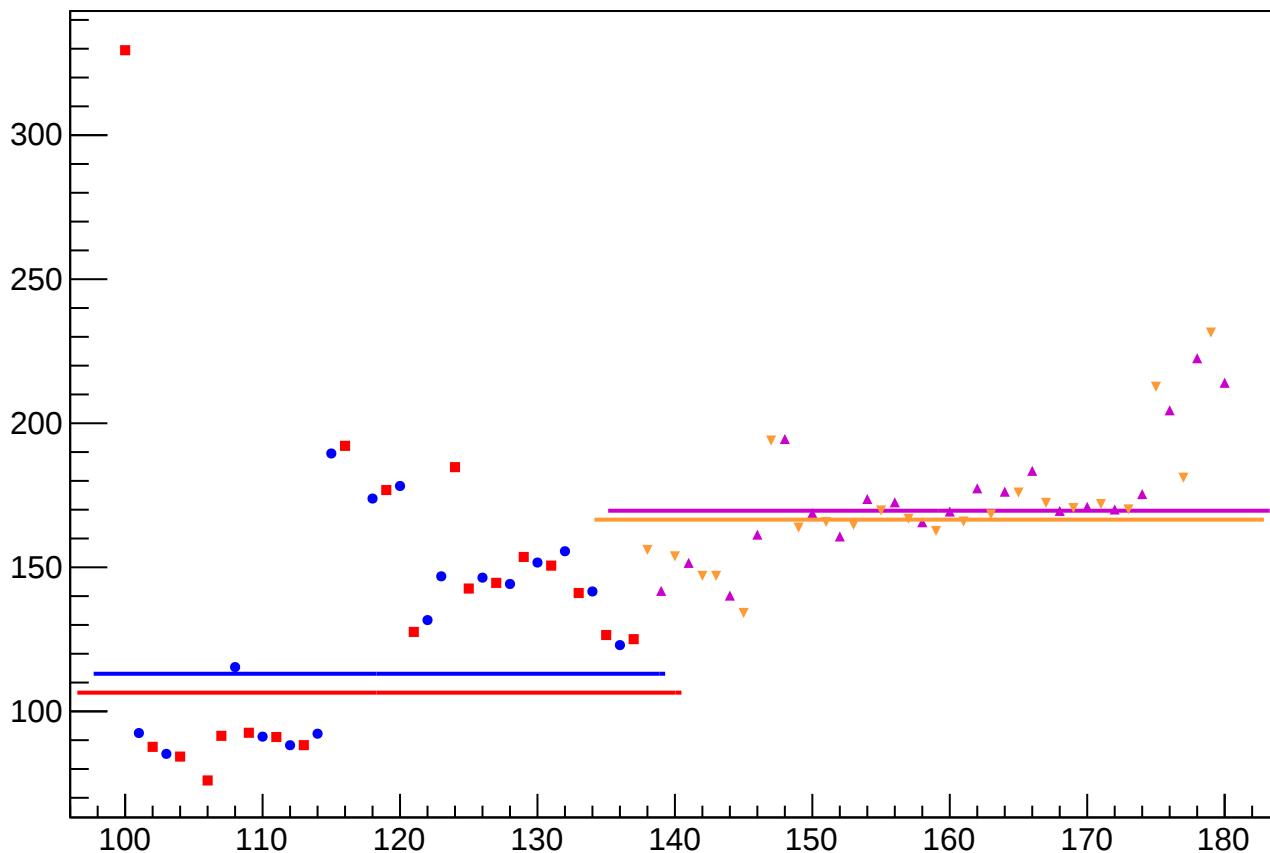
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 114.055 $\pm$ 30.737 χ^2/NDF : 40.6/37

Out: 137.745 $\pm$ 29.256 χ^2/NDF : 35.9/40

All: 126.485 $\pm$ 21.191 χ^2/NDF : 76.8/78

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 166.549 $\pm$ 0.029 χ^2 /NDF: 400650.4/21

Right Out: 106.493 $\pm$ 0.030 χ^2 /NDF: 1016224.6/18

Left In: 169.649 $\pm$ 0.030 χ^2 /NDF: 417168.6/20

Left: 168.062 $\pm$ 0.021 χ^2 /NDF: 823410.8/42

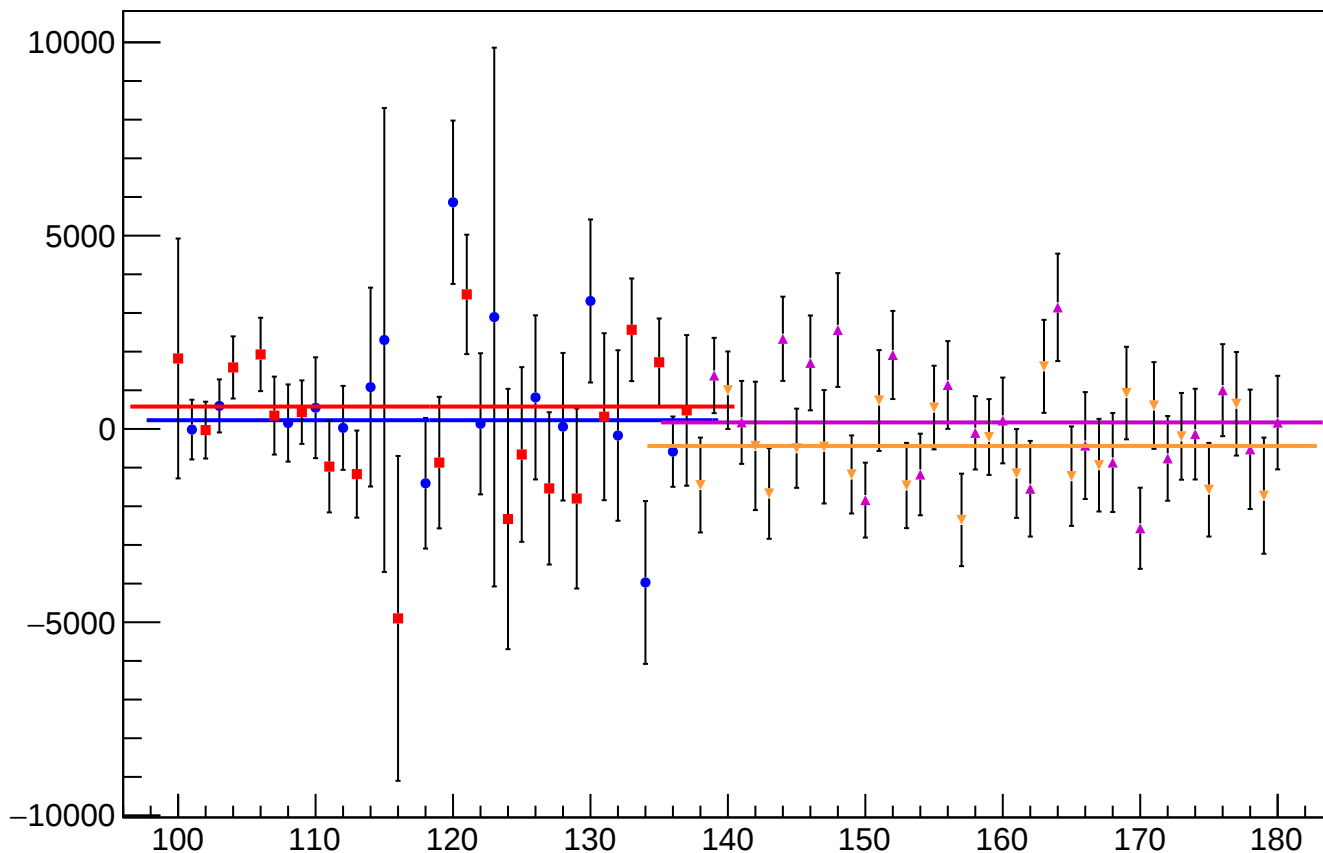
Right: 109.523 $\pm$ 0.022 χ^2 /NDF: 1859790.1/35

In: 143.431 $\pm$ 0.022 χ^2 /NDF: 2923741.9/37

Out: 137.134 $\pm$ 0.021 χ^2 /NDF: 3522996.1/40

All: 140.127 $\pm$ 0.015 χ^2 /NDF: 6490774.0/78

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -439.864 $\pm$ 251.014 χ^2/NDF :17.9/21

Right Out: 579.018 $\pm$ 289.235 χ^2/NDF : 21.1/18

Left In: 169.108 $\pm$ 250.723 χ^2/NDF :34.4/20

Left: -135.025 $\pm$ 177.391 χ^2/NDF : 55.2/42

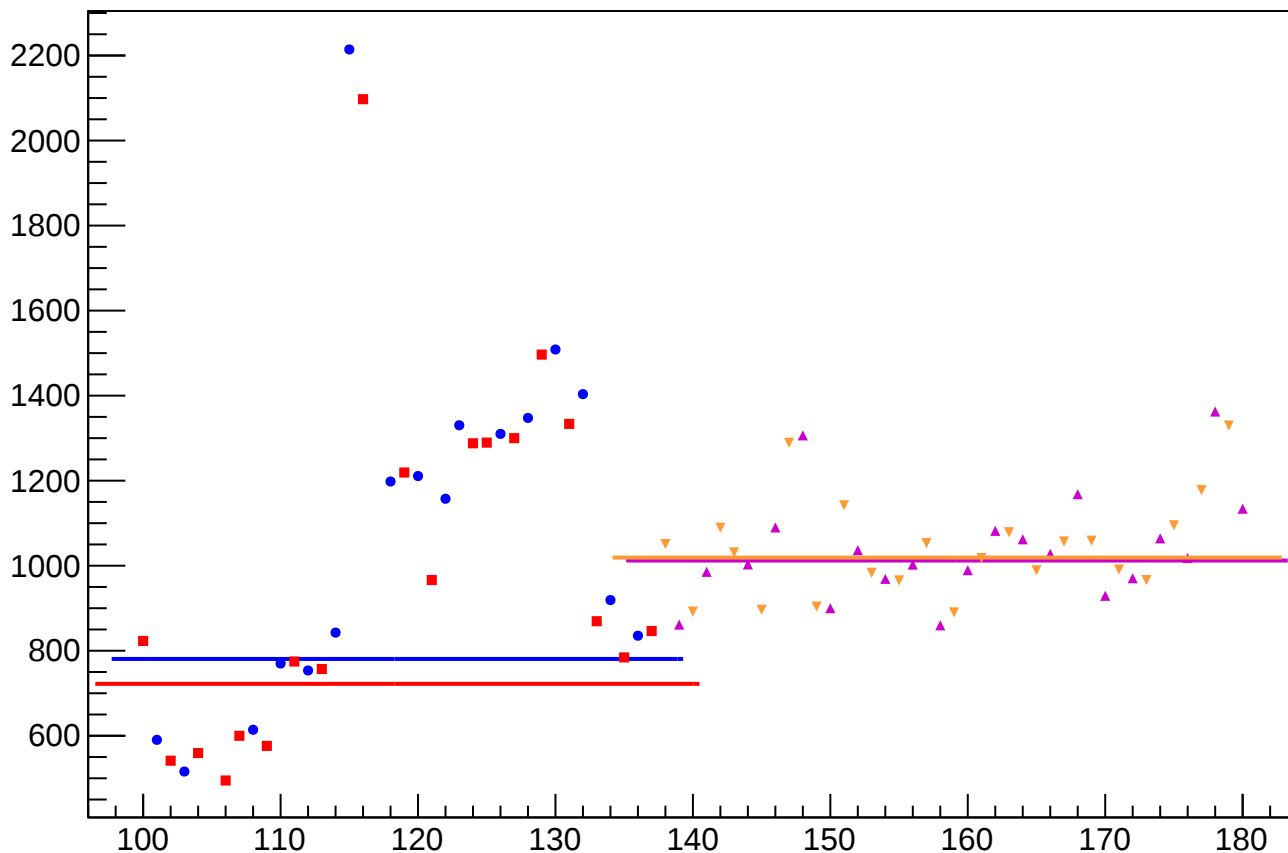
Right: 420.896 $\pm$ 214.998 χ^2/NDF : 37.8/35

In: 190.492 $\pm$ 197.689 χ^2/NDF :50.4/37

Out: -2.146 $\pm$ 189.577 χ^2/NDF :46.1/40

All: 90.140 $\pm$ 136.829 χ^2/NDF : 97.0/78

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2/NDF : 1609510.2/16

Left Out: 1019.149 $\pm$ 0.177 χ^2/NDF : 358049.8/21

Right Out: 722.148 $\pm$ 0.205 χ^2/NDF : 1628760.4/18

Left In: 1012.187 $\pm$ 0.177 χ^2/NDF : 402660.6/20

Left: 1015.664 $\pm$ 0.125 χ^2/NDF : 761480.4/42

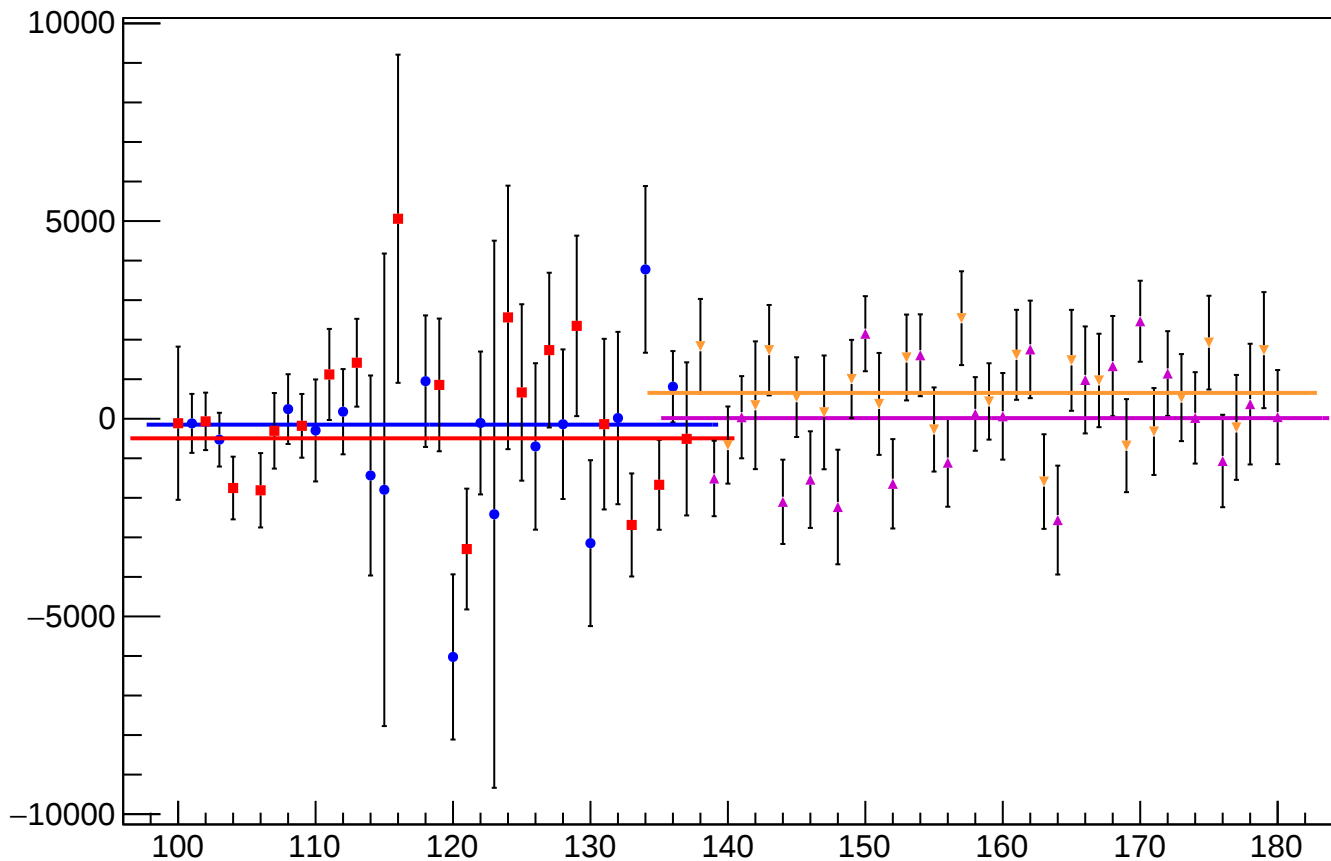
Right: 748.347 $\pm$ 0.152 χ^2/NDF : 3274944.8/35

In: 924.614 $\pm$ 0.140 χ^2/NDF : 2657138.8/37

Out: 891.555 $\pm$ 0.134 χ^2/NDF : 3189681.5/40

All: 907.393 $\pm$ 0.097 χ^2/NDF : 5875956.3/78

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 653.754 ± 246.764 $\chi^2/\text{NDF}: 17.0/21$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: 16.079 ± 246.497 $\chi^2/\text{NDF}: 36.0/20$

Left: 334.571 ± 174.394 $\chi^2/\text{NDF}: 56.3/42$

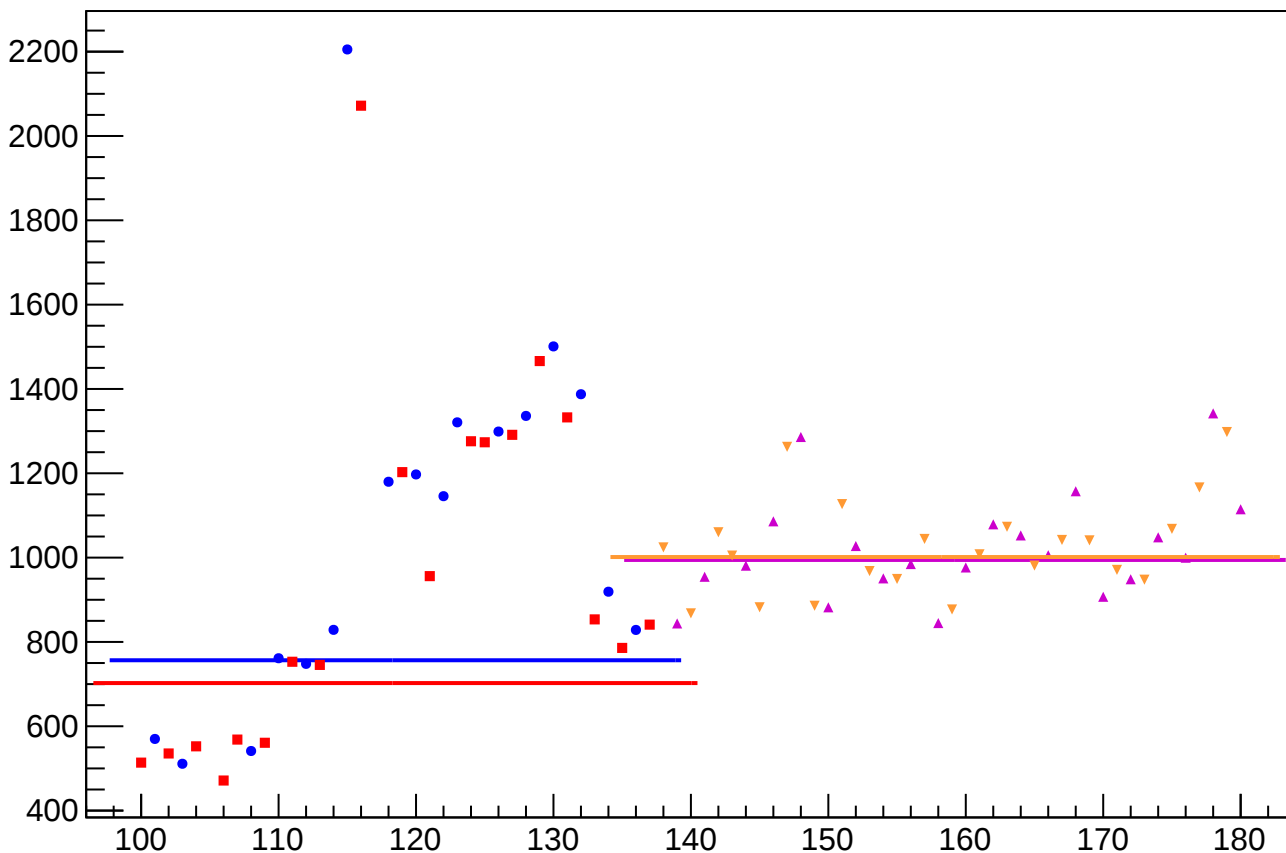
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -47.184 ± 193.646 $\chi^2/\text{NDF}: 52.3/37$

Out: 157.092 ± 185.910 $\chi^2/\text{NDF}: 50.0/40$

All: 59.116 ± 134.109 $\chi^2/\text{NDF}: 102.9/78$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 1001.367+/-0.174 χ^2/NDF : 361068.5/21

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 994.469+/-0.174 χ^2/NDF : 423701.7/20

Left: 997.914+/-0.123 χ^2/NDF : 785552.5/42

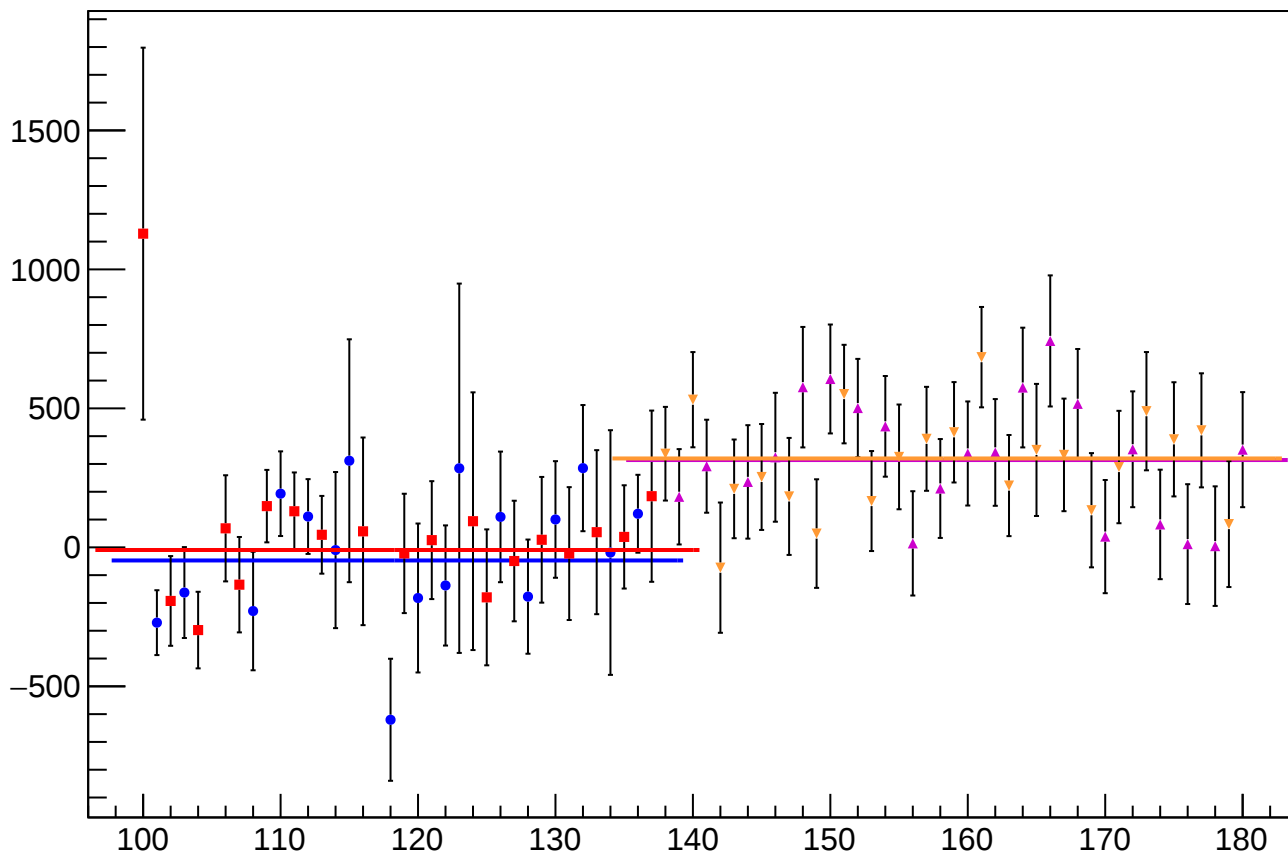
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 903.377+/-0.137 χ^2/NDF : 2850743.3/37

Out: 872.112+/-0.131 χ^2/NDF : 3319494.1/40

All: 887.108+/-0.095 χ^2/NDF : 6197368.1/78

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 319.802 ± 41.312 $\chi^2/\text{NDF}: 17.3/21$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 314.114 ± 42.936 $\chi^2/\text{NDF}: 22.1/20$

Left: 317.068 ± 29.770 $\chi^2/\text{NDF}: 39.4/42$

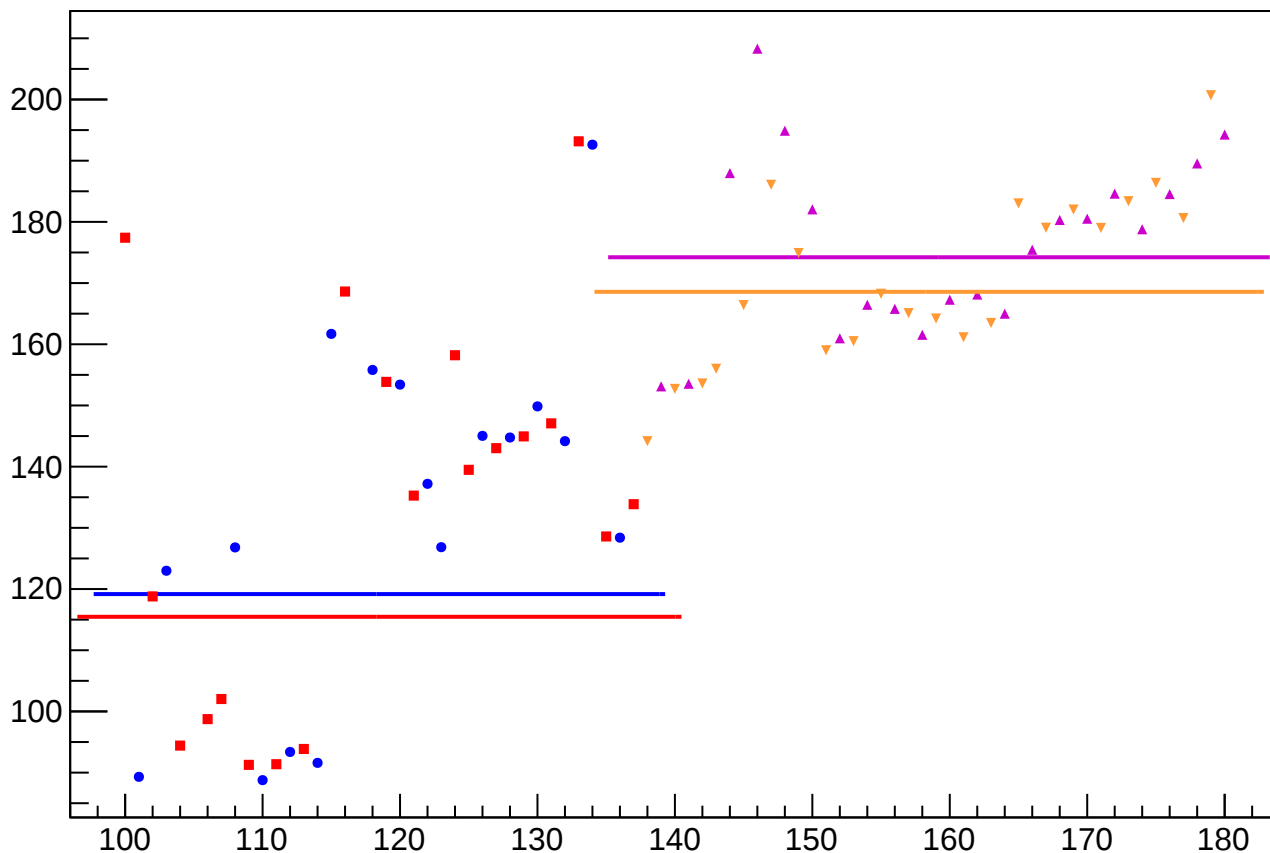
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 150.792 ± 31.782 $\chi^2/\text{NDF}: 76.0/37$

Out: 168.277 ± 30.354 $\chi^2/\text{NDF}: 59.6/40$

All: 159.936 ± 21.951 $\chi^2/\text{NDF}: 135.7/78$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 168.570 $\pm$ 0.029 χ^2 /NDF:208666.6/21

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 174.220 $\pm$ 0.030 χ^2 /NDF:215451.4/20

Left: 171.286 $\pm$ 0.021 χ^2 /NDF: 442100.8/42

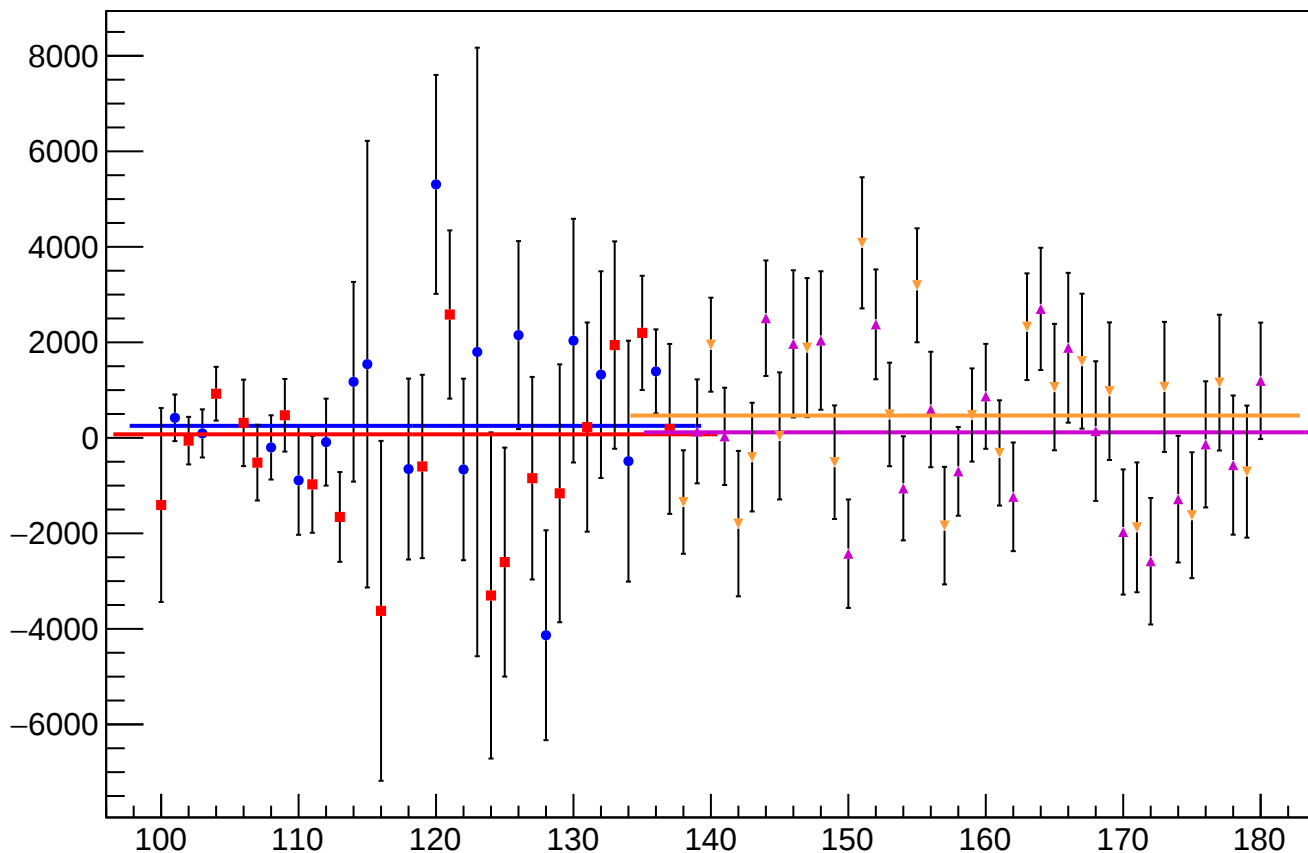
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 149.336 $\pm$ 0.022 χ^2 /NDF:2316812.9/37

Out: 144.135 $\pm$ 0.021 χ^2 /NDF:2422035.5/40

All: 146.616 $\pm$ 0.016 χ^2 /NDF: 4766851.4/78

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 467.932 $\pm$ 262.837 χ^2 /NDF:36.1/21

Right Out: 74.126 $\pm$ 243.967 χ^2 /NDF: 18.0/18

Left In: 115.688 $\pm$ 266.085 χ^2 /NDF:34.1/20

Left: 293.973 $\pm$ 186.992 χ^2 /NDF: 71.2/42

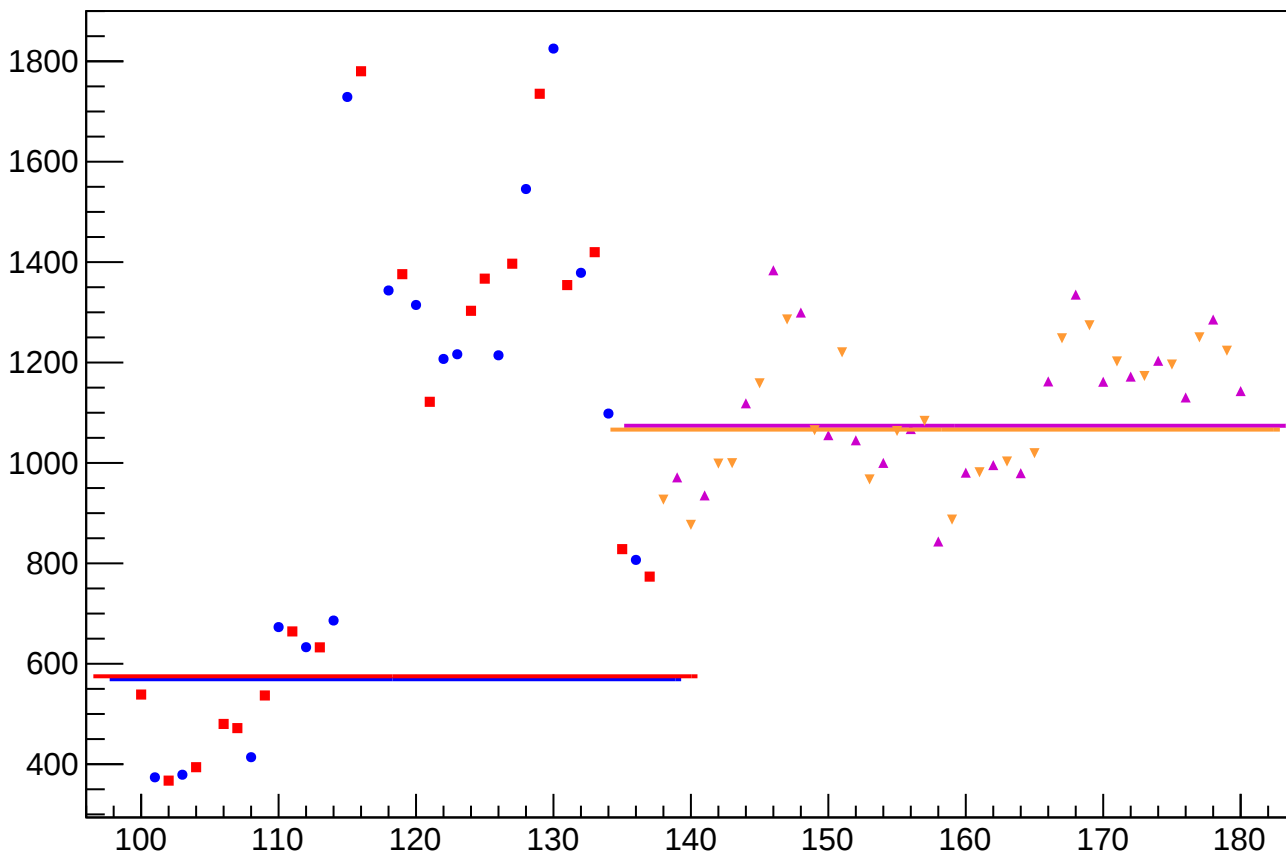
Right: 159.765 $\pm$ 175.557 χ^2 /NDF: 33.1/35

In: 187.186 $\pm$ 183.281 χ^2 /NDF:49.2/37

Out: 256.386 $\pm$ 178.810 χ^2 /NDF:55.3/40

All: 222.640 $\pm$ 127.989 χ^2 /NDF: 104.6/78

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1066.397 $\pm$ 0.186 χ^2 /NDF: 489501.4/21

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1074.037 $\pm$ 0.188 χ^2 /NDF: 516914.0/20

Left: 1070.170 $\pm$ 0.132 χ^2 /NDF: 1007250.0/42

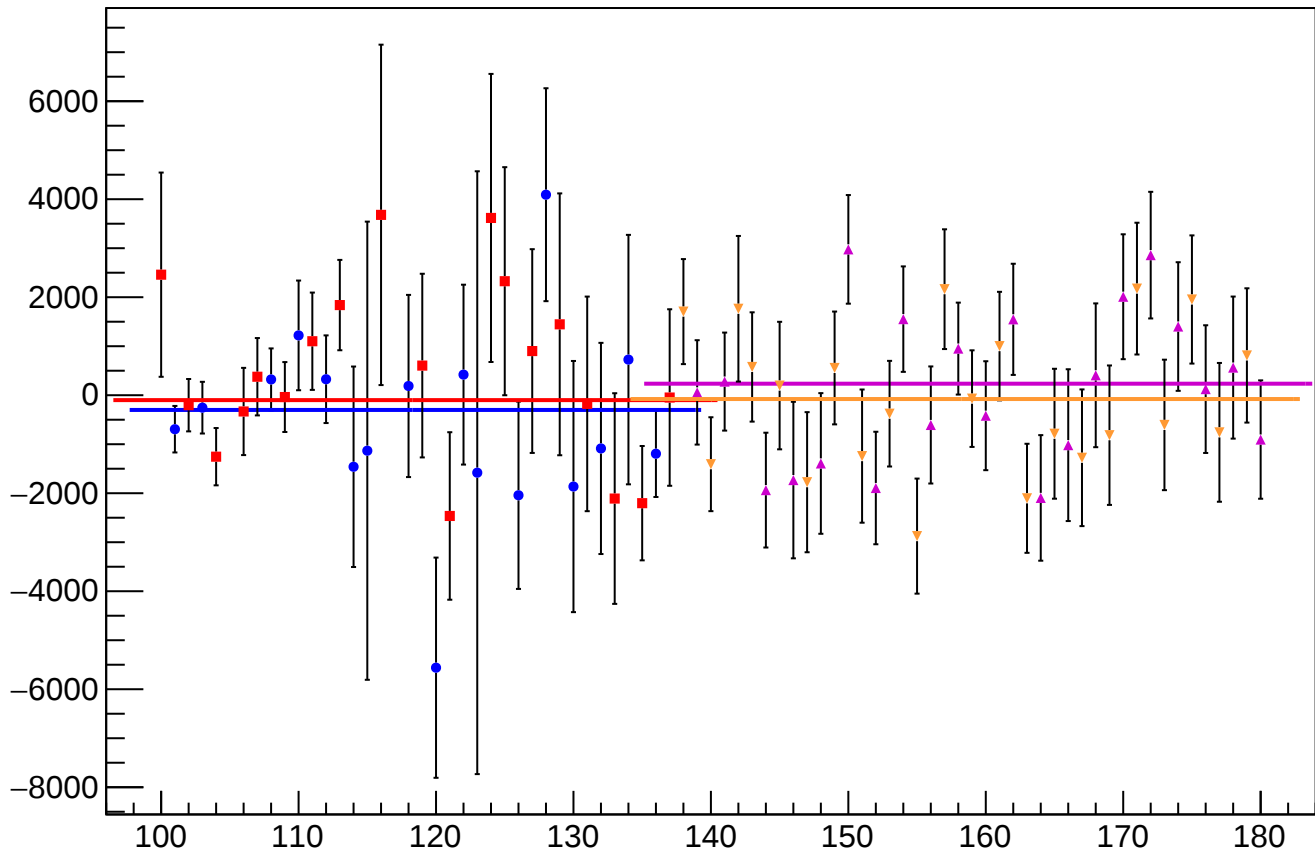
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 808.721 $\pm$ 0.130 χ^2 /NDF: 7567560.1/37

Out: 802.455 $\pm$ 0.126 χ^2 /NDF: 7302920.1/40

All: 805.511 $\pm$ 0.091 χ^2 /NDF: 14871677.7/78

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -77.854 ± 259.845 χ^2/NDF : 29.8/21

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 235.151 ± 263.672 χ^2/NDF : 31.9/20

Left: 76.361 ± 185.077 χ^2/NDF : 62.4/42

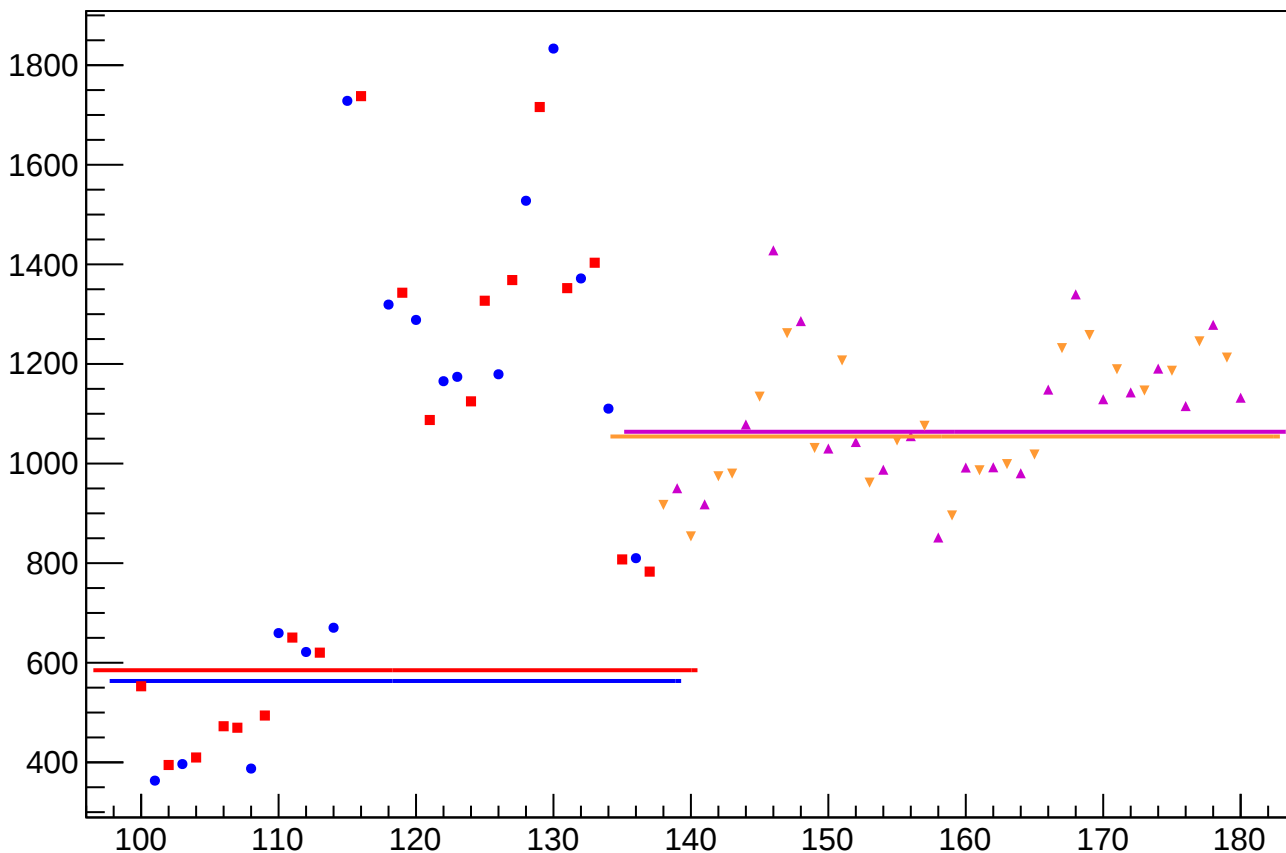
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -46.679 ± 181.533 χ^2/NDF : 50.8/37

Out: -89.506 ± 178.627 χ^2/NDF : 52.2/40

All: -68.438 ± 127.324 χ^2/NDF : 103.0/78

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1054.343+/-0.184 χ^2/NDF : 478853.3/21

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1063.833+/-0.186 χ^2/NDF : 518768.4/20

Left: 1059.019+/-0.131 χ^2/NDF : 998936.2/42

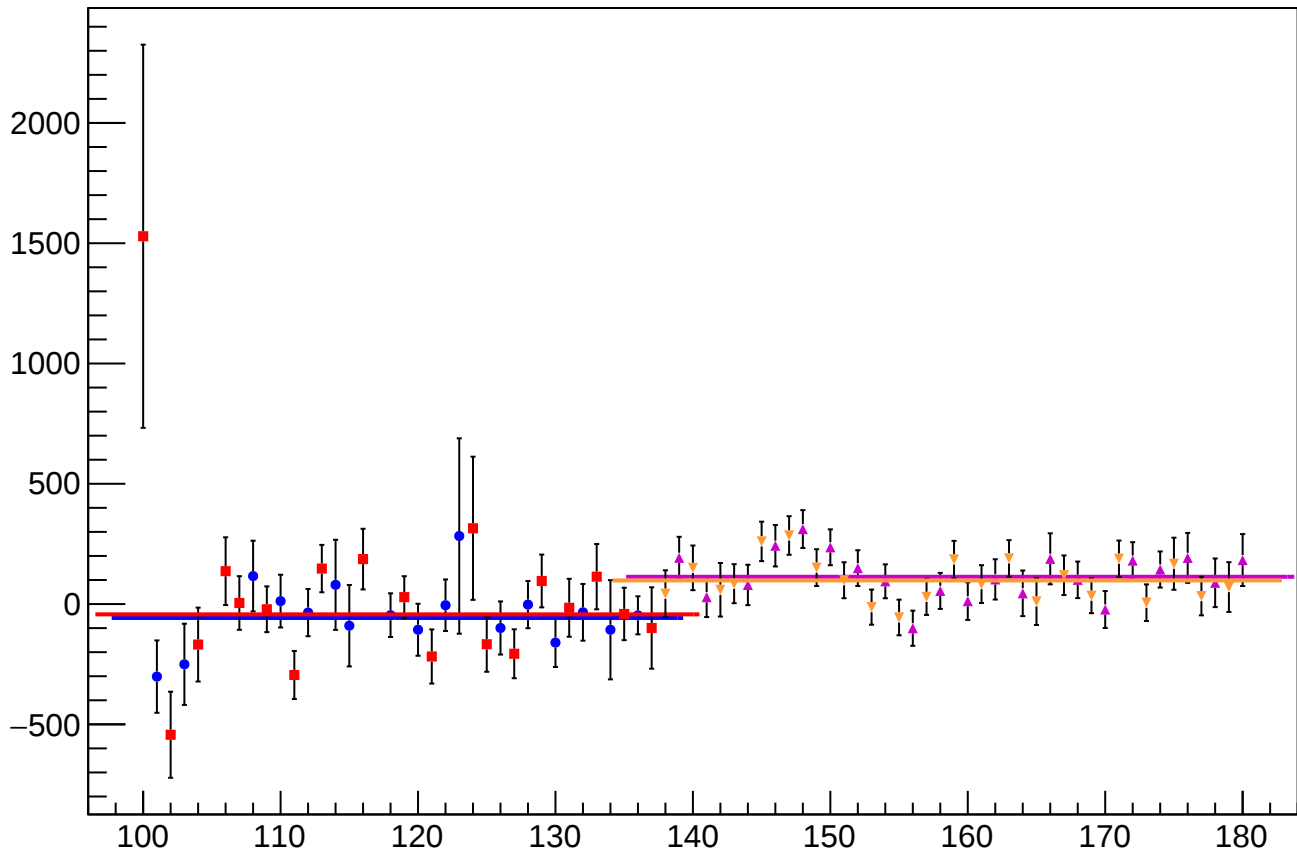
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 800.604+/-0.128 χ^2/NDF : 7567362.9/37

Out: 806.789+/-0.126 χ^2/NDF : 6739199.3/40

All: 803.746+/-0.090 χ^2/NDF : 14307741.5/78

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 98.154 ± 17.449 χ^2/NDF : 26.6/21

Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18

Left In: 113.456 ± 17.909 χ^2/NDF : 30.7/20

Left: 105.606 ± 12.498 χ^2/NDF : 57.6/42

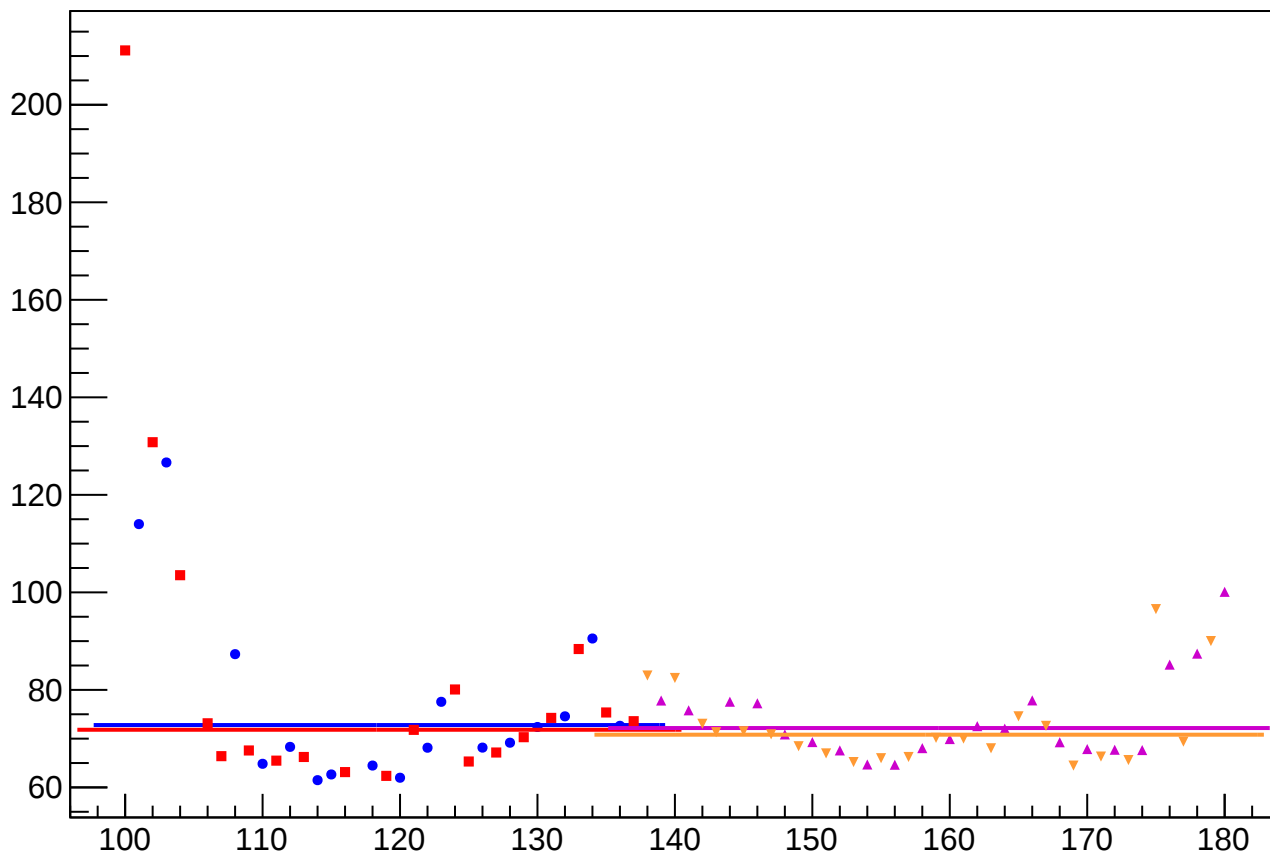
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: 65.470 ± 15.192 χ^2/NDF : 65.4/37

Out: 58.104 ± 14.763 χ^2/NDF : 84.2/40

All: 61.681 ± 10.588 χ^2/NDF : 149.7/78

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 χ^2/NDF : 464772.9/16

Left Out: 70.811 ± 0.012 χ^2/NDF : 319942.5/21

Right Out: 71.824 ± 0.020 χ^2/NDF : 465654.1/18

Left In: 72.176 ± 0.013 χ^2/NDF : 329944.7/20

Left: 71.476 ± 0.009 χ^2/NDF : 655845.9/42

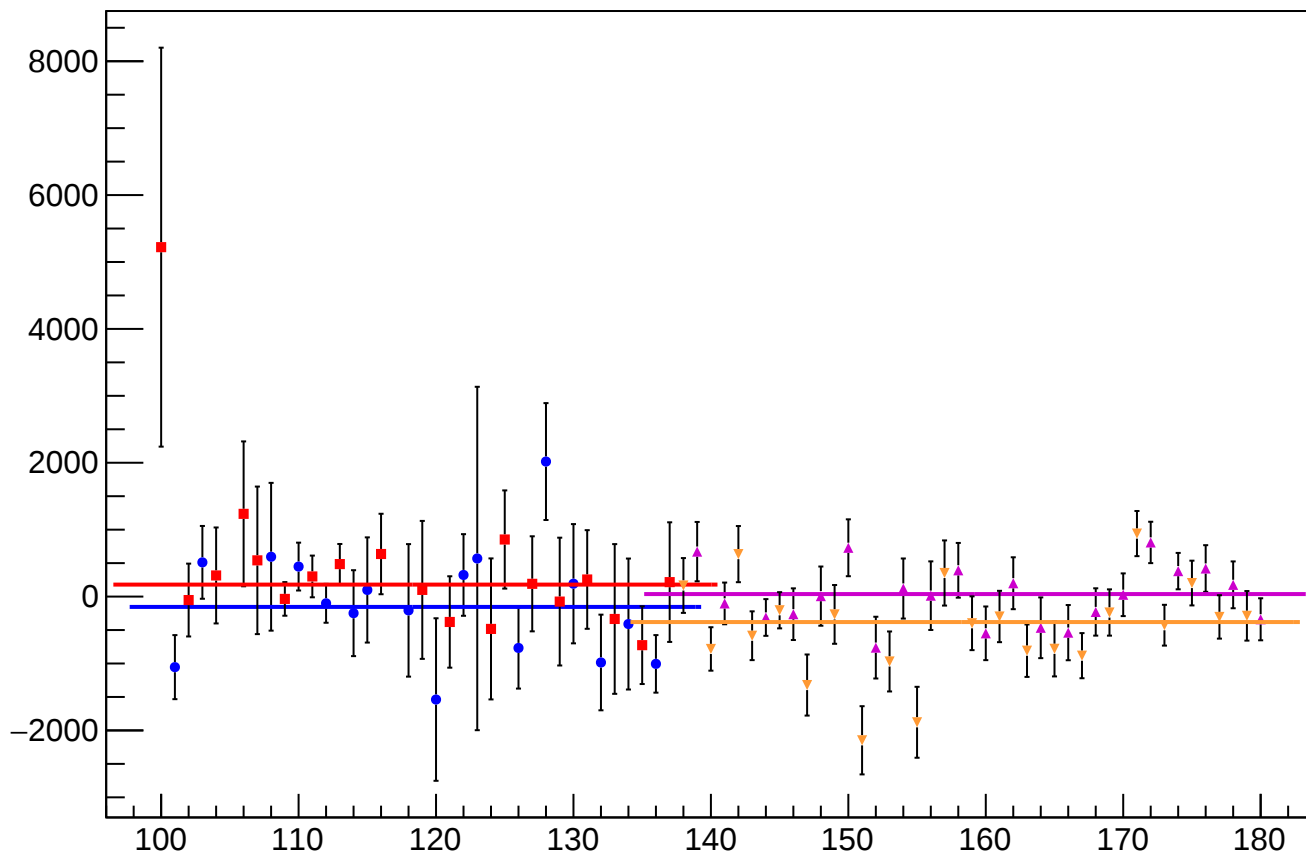
Right: 72.290 ± 0.014 χ^2/NDF : 931600.5/35

In: 72.348 ± 0.011 χ^2/NDF : 795376.9/37

Out: 71.099 ± 0.010 χ^2/NDF : 787511.9/40

All: 71.705 ± 0.007 χ^2/NDF : 1589842.6/78

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -380.604+/-79.873 χ^2/NDF : 61.3/21

Right Out: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: 37.555+/-79.701 χ^2/NDF : 27.6/20

Left: -171.074+/-56.418 χ^2/NDF : 102.7/42

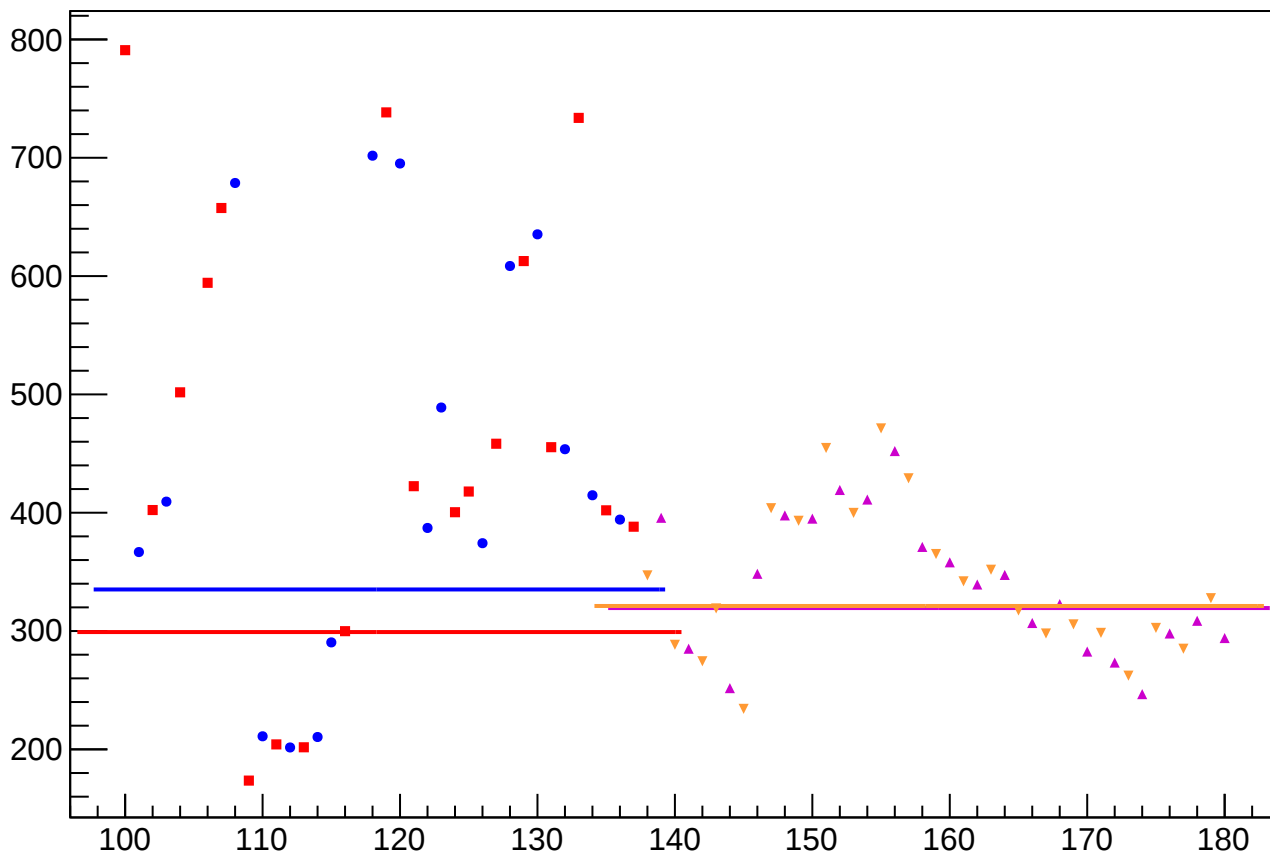
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -9.077+/-69.348 χ^2/NDF : 52.2/37

Out: -220.367+/-67.477 χ^2/NDF : 86.7/40

All: -117.611+/-48.361 χ^2/NDF : 143.6/78

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2 /NDF: 1994045.2/16

Left Out: 321.178 $\pm$ 0.056 χ^2 /NDF: 1007834.3/21

Right Out: 299.135 $\pm$ 0.089 χ^2 /NDF: 2831089.8/18

Left In: 319.420 $\pm$ 0.056 χ^2 /NDF: 955581.6/20

Left: 320.297 $\pm$ 0.040 χ^2 /NDF: 1963901.5/42

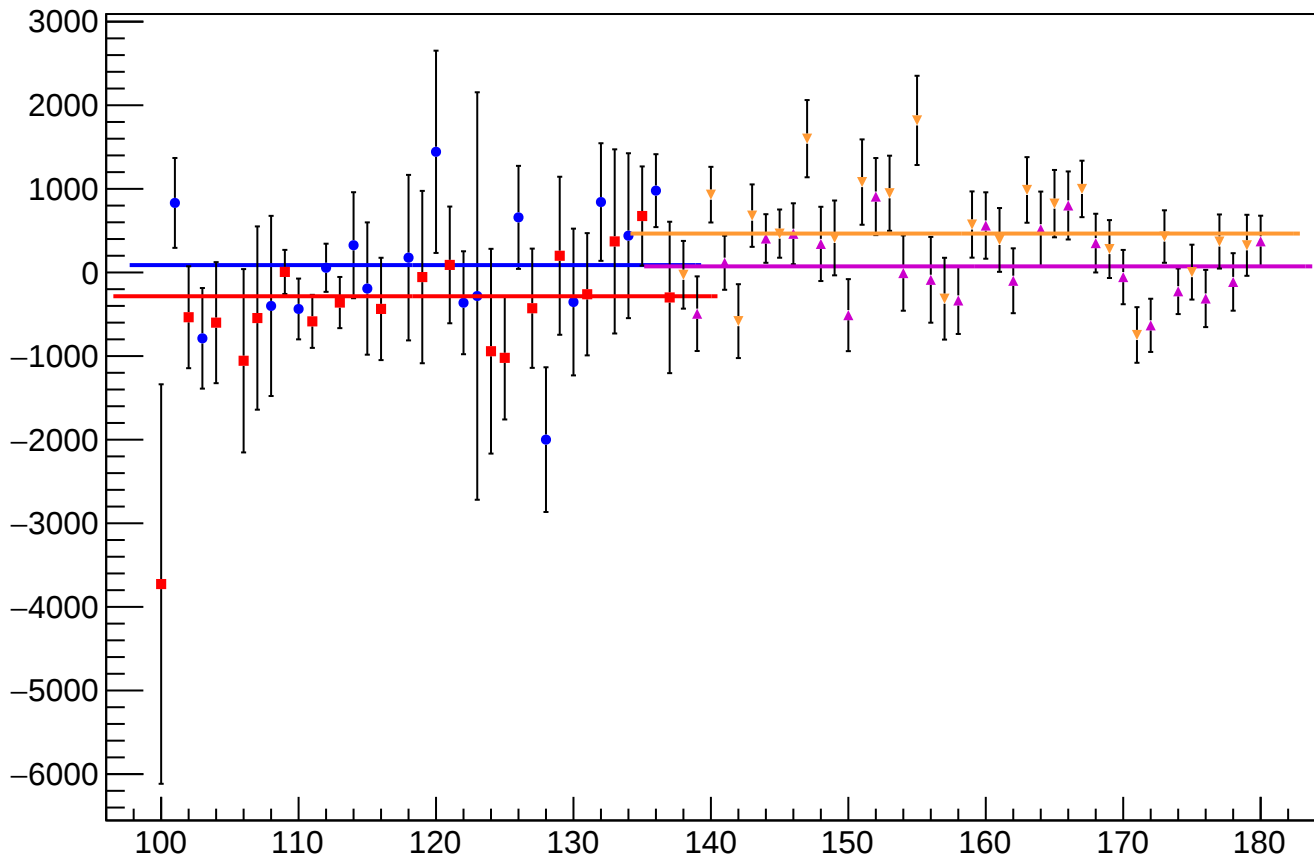
Right: 315.172 $\pm$ 0.066 χ^2 /NDF: 4897737.2/35

In: 323.238 $\pm$ 0.049 χ^2 /NDF: 2968513.3/37

Out: 314.867 $\pm$ 0.048 χ^2 /NDF: 3882536.6/40

All: 318.938 $\pm$ 0.034 χ^2 /NDF: 6866017.0/78

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 465.308 $\pm$ 80.543 χ^2/NDF : 48.0/21

Right Out: -284.510 $\pm$ 129.675 χ^2/NDF : 10.1/18

Left In: 72.953 $\pm$ 79.920 χ^2/NDF : 26.0/20

Left: 267.607 $\pm$ 56.731 χ^2/NDF : 86.0/42

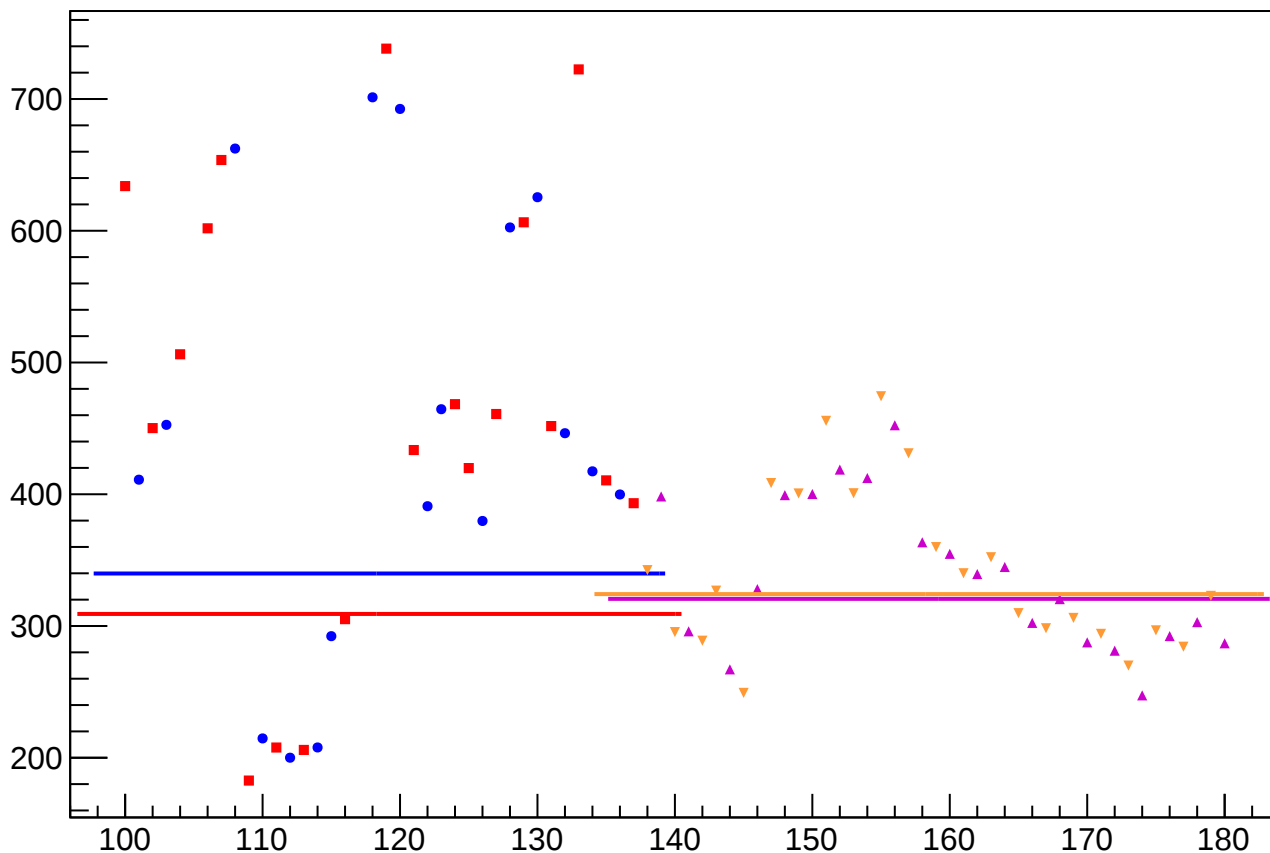
Right: -116.387 $\pm$ 96.066 χ^2/NDF : 34.7/35

In: 76.561 $\pm$ 69.766 χ^2/NDF : 46.8/37

Out: 256.567 $\pm$ 68.420 χ^2/NDF : 82.2/40

All: 168.317 $\pm$ 48.849 χ^2/NDF : 132.5/78

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 ± 0.101 $\chi^2/\text{NDF}: 2043522.4/16$

Left Out: 324.222 ± 0.057 $\chi^2/\text{NDF}: 907023.2/21$

Right Out: 309.158 ± 0.092 $\chi^2/\text{NDF}: 2735887.4/18$

Left In: 320.603 ± 0.057 $\chi^2/\text{NDF}: 868470.4/20$

Left: 322.398 ± 0.040 $\chi^2/\text{NDF}: 1777528.9/42$

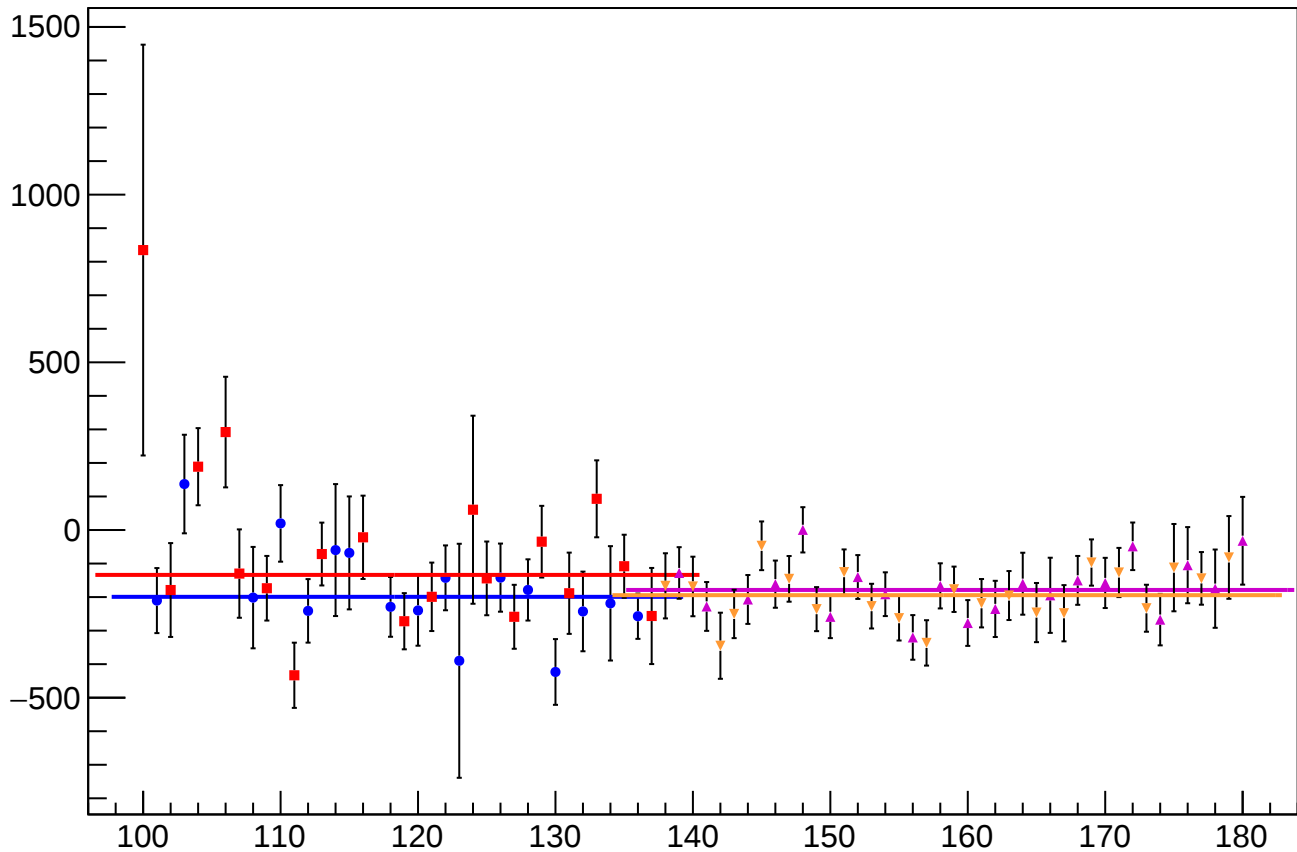
Right: 323.006 ± 0.068 $\chi^2/\text{NDF}: 4829958.1/35$

In: 325.183 ± 0.049 $\chi^2/\text{NDF}: 2939595.9/37$

Out: 320.029 ± 0.048 $\chi^2/\text{NDF}: 3662386.3/40$

All: 322.555 ± 0.035 $\chi^2/\text{NDF}: 6607546.3/78$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252+/-26.515 χ^2/NDF : 17.6/16

Left Out: -194.290+/-16.204 χ^2/NDF : 20.6/21

Right Out: -133.844+/-26.228 χ^2/NDF : 39.2/18

Left In: -178.728+/-16.598 χ^2/NDF : 23.9/20

Left: -186.696+/-11.595 χ^2/NDF : 45.0/42

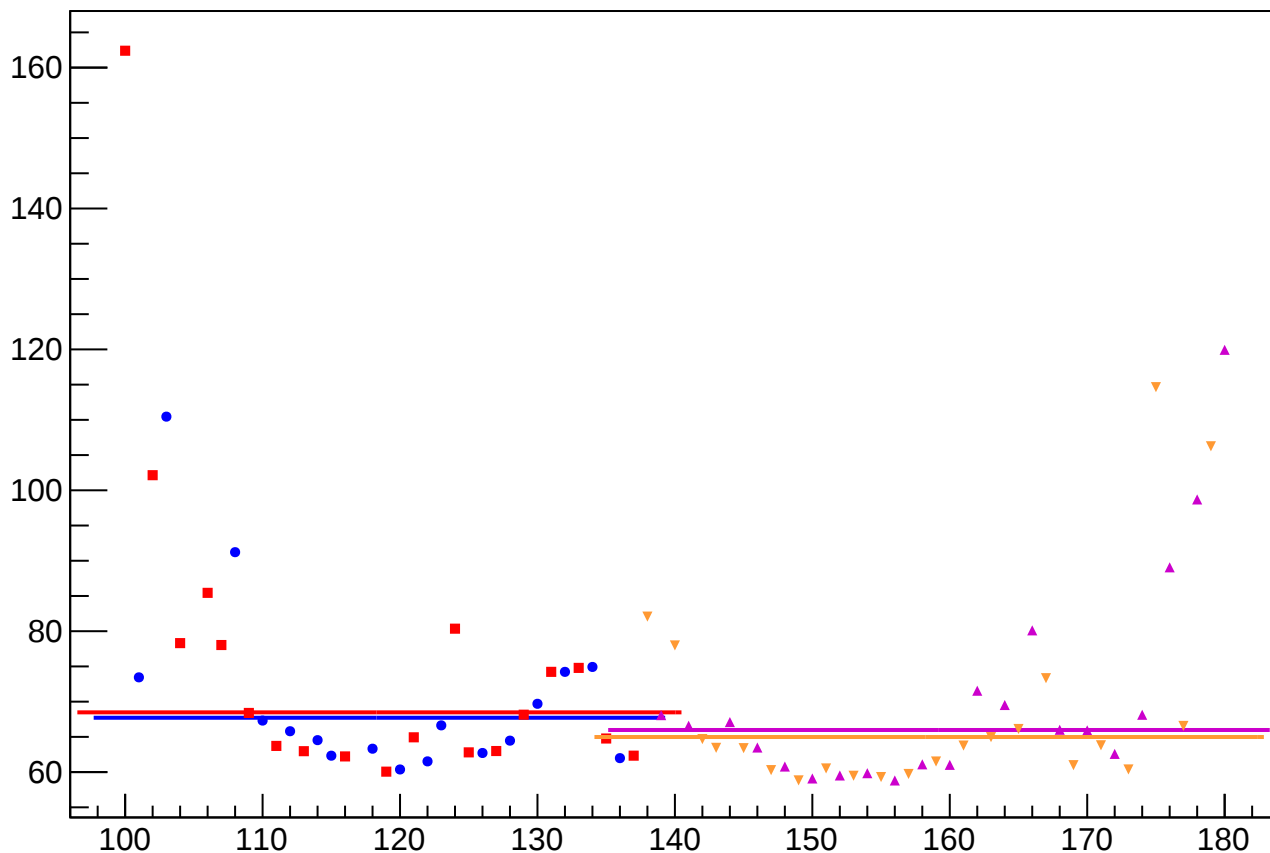
Right: -166.192+/-18.647 χ^2/NDF : 59.8/35

In: -184.506+/-14.069 χ^2/NDF : 41.9/37

Out: -177.593+/-13.785 χ^2/NDF : 63.6/40

All: -180.979+/-9.846 χ^2/NDF : 105.7/78

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 ± 0.019 $\chi^2/\text{NDF}: 282892.5/16$

Left Out: 64.980 ± 0.011 $\chi^2/\text{NDF}: 740340.0/21$

Right Out: 68.481 ± 0.019 $\chi^2/\text{NDF}: 281423.4/18$

Left In: 65.978 ± 0.012 $\chi^2/\text{NDF}: 751178.1/20$

Left: 65.467 ± 0.008 $\chi^2/\text{NDF}: 1495221.1/42$

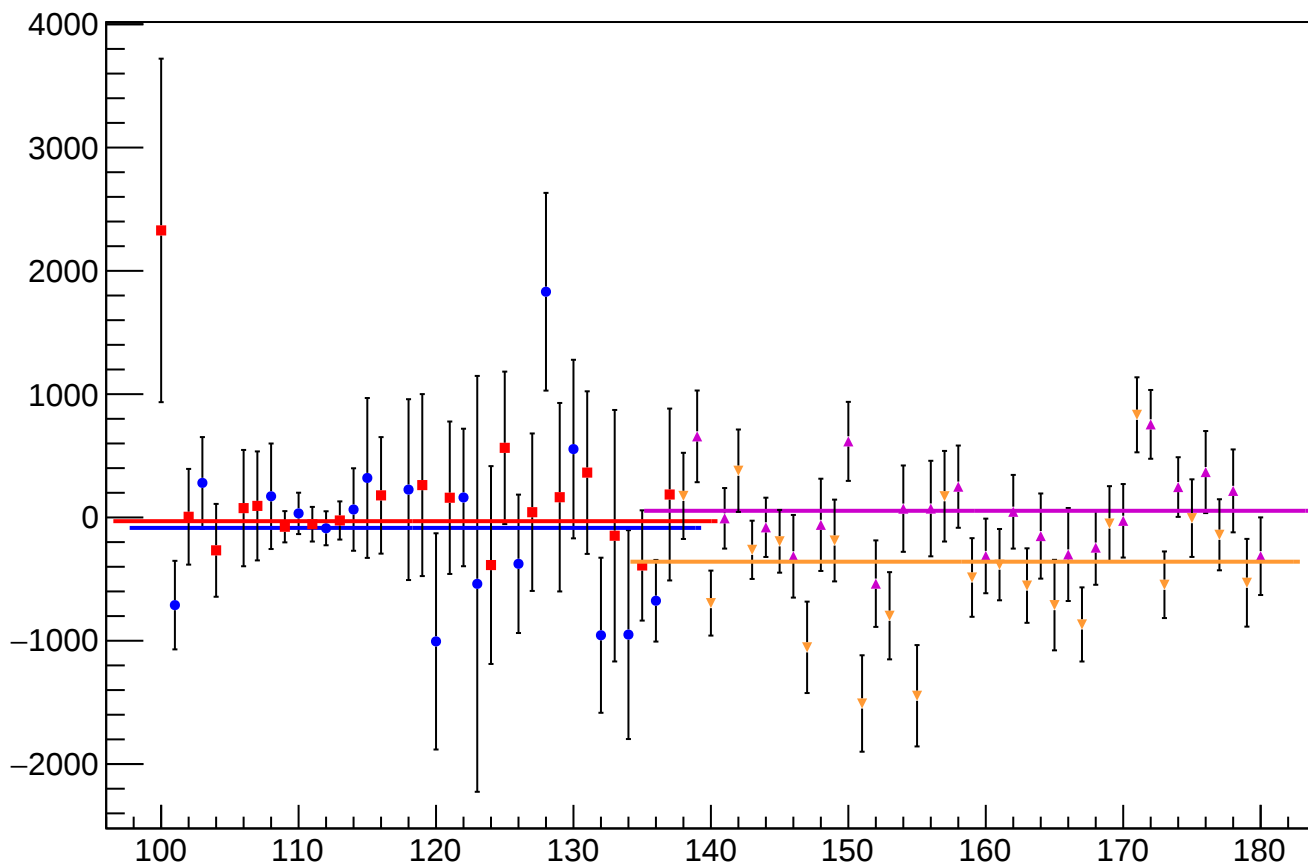
Right: 68.102 ± 0.013 $\chi^2/\text{NDF}: 565158.7/35$

In: 66.467 ± 0.010 $\chi^2/\text{NDF}: 1040240.0/37$

Out: 65.947 ± 0.010 $\chi^2/\text{NDF}: 1047556.3/40$

All: 66.202 ± 0.007 $\chi^2/\text{NDF}: 2089190.9/78$

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -358.844 ± 66.553 χ^2/NDF : 55.7/21

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 53.973 ± 67.960 χ^2/NDF : 23.8/20

Left: -156.755 ± 47.550 χ^2/NDF : 98.4/42

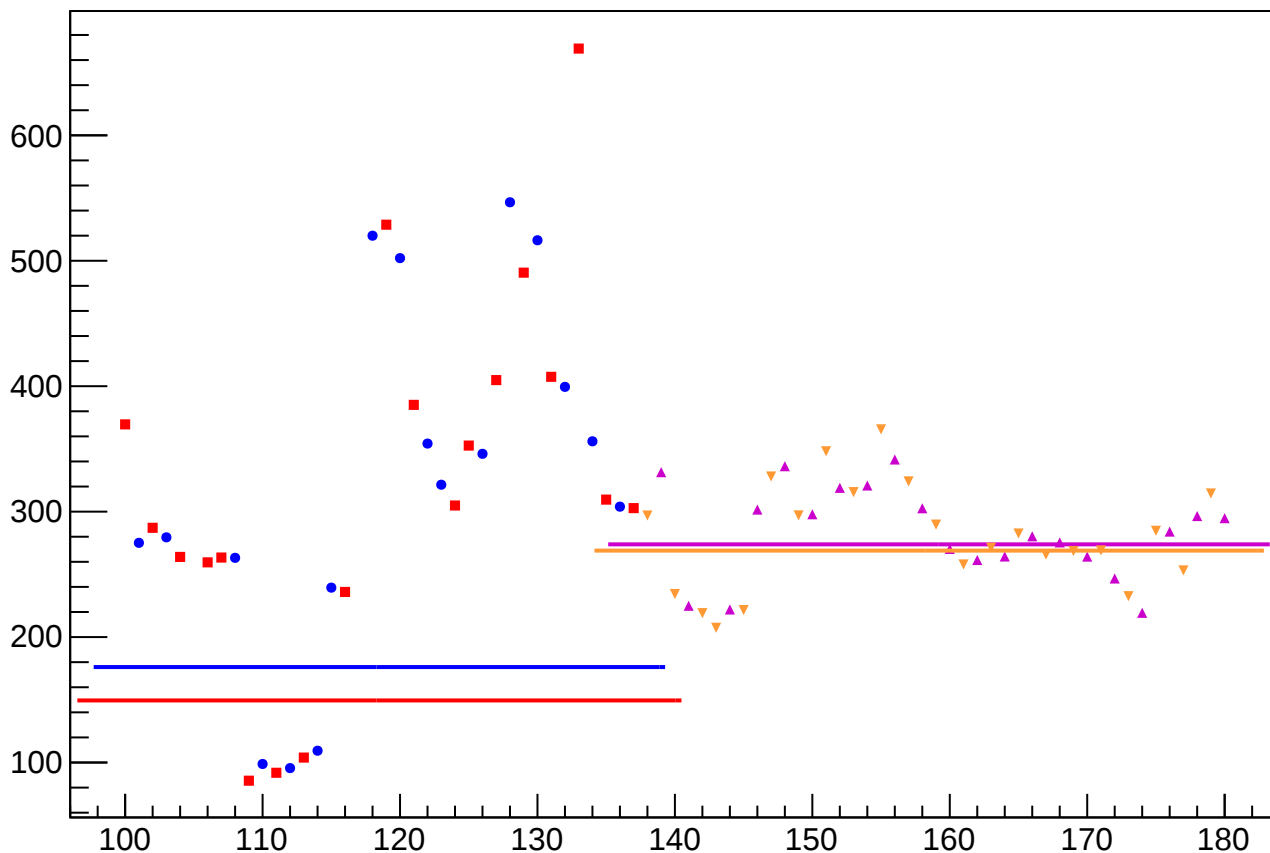
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -1.975 ± 52.498 χ^2/NDF : 45.4/37

Out: -202.031 ± 48.122 χ^2/NDF : 73.7/40

All: -110.687 ± 35.474 χ^2/NDF : 126.9/78

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 268.934 $\pm$ 0.047 χ^2 /NDF: 728871.5/21

Right Out: 149.484 $\pm$ 0.049 χ^2 /NDF: 4820971.0/18

Left In: 273.929 $\pm$ 0.048 χ^2 /NDF: 594319.5/20

Left: 271.379 $\pm$ 0.034 χ^2 /NDF: 1328707.0/42

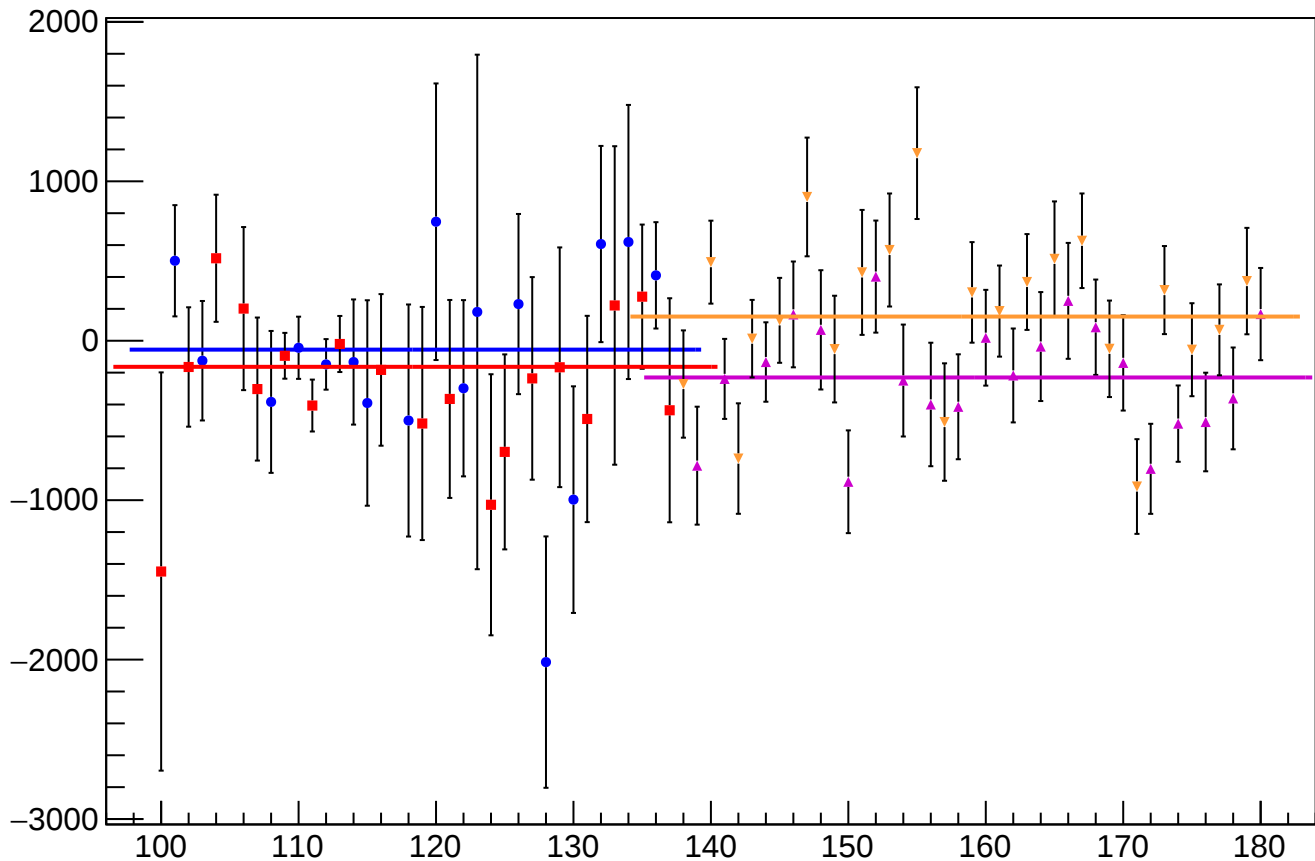
Right: 160.534 $\pm$ 0.038 χ^2 /NDF: 9165825.3/35

In: 234.475 $\pm$ 0.037 χ^2 /NDF: 6489432.1/37

Out: 211.934 $\pm$ 0.034 χ^2 /NDF: 8624187.0/40

All: 222.226 $\pm$ 0.025 χ^2 /NDF: 15313972.2/78

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 151.670 ± 66.280 $\chi^2/\text{NDF}: 45.0/21$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -230.335 ± 67.332 $\chi^2/\text{NDF}: 24.7/20$

Left: -36.324 ± 47.234 $\chi^2/\text{NDF}: 86.1/42$

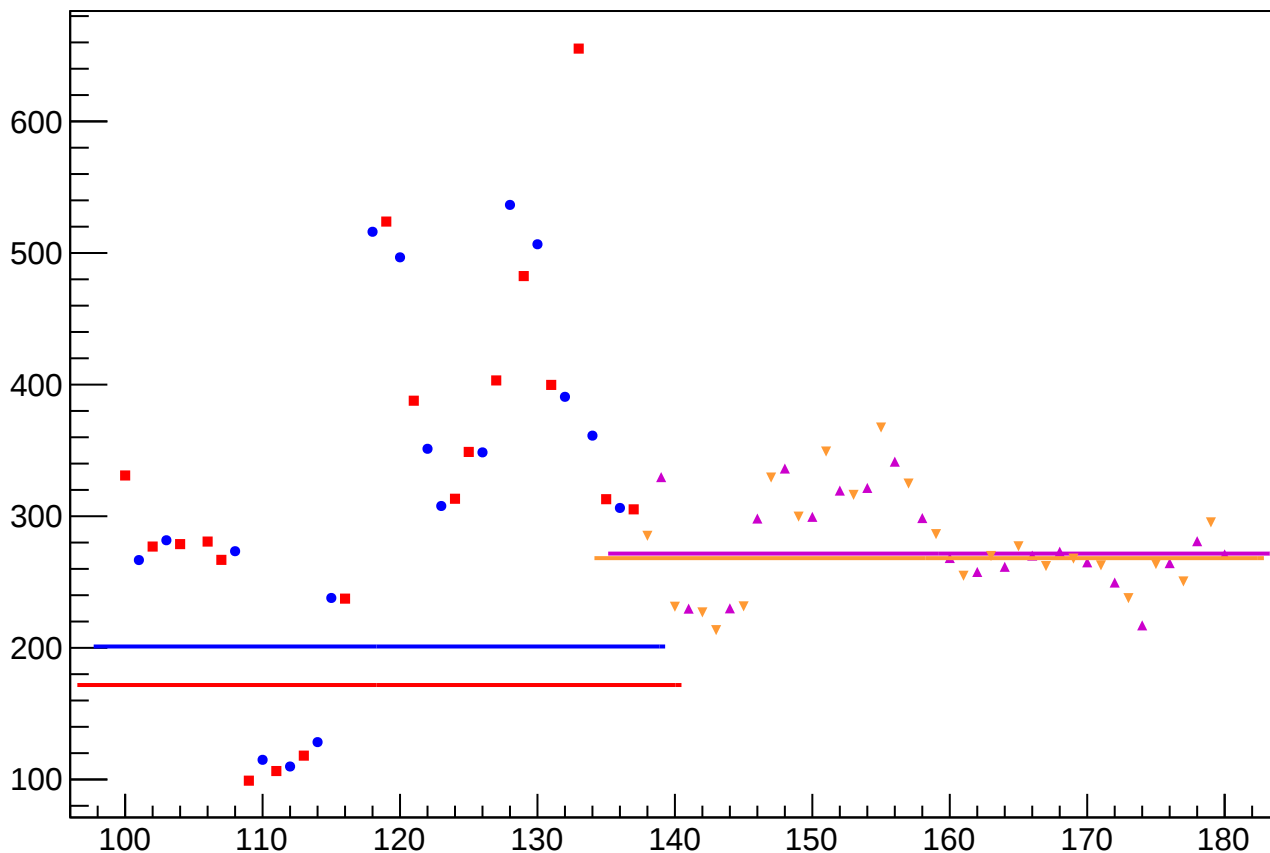
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -168.183 ± 54.036 $\chi^2/\text{NDF}: 44.3/37$

Out: 17.360 ± 50.212 $\chi^2/\text{NDF}: 66.1/40$

All: -68.616 ± 36.783 $\chi^2/\text{NDF}: 116.7/78$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 268.157+/-0.047 χ^2/NDF : 629141.4/21

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 271.620+/-0.048 χ^2/NDF : 530575.8/20

Left: 269.861+/-0.033 χ^2/NDF : 1162404.0/42

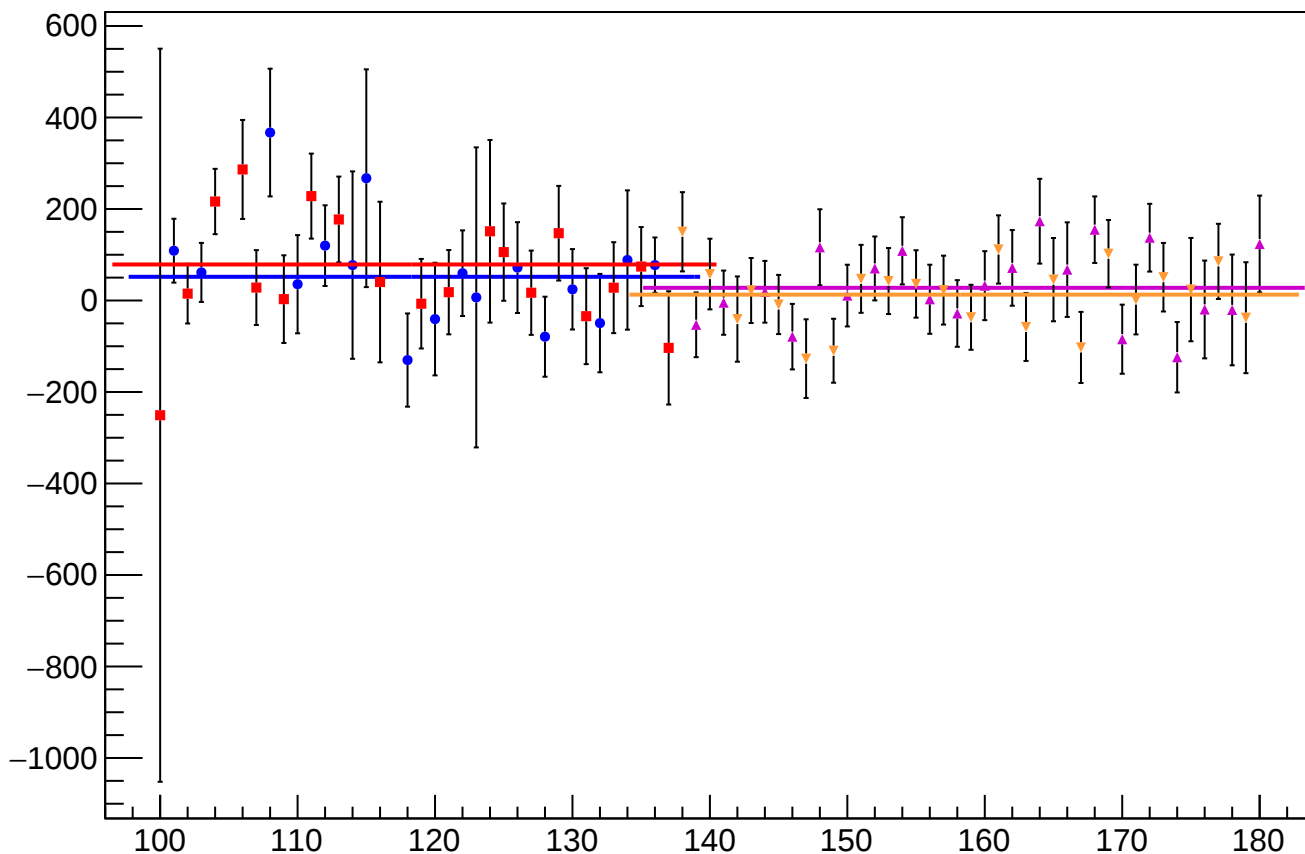
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 246.497+/-0.038 χ^2/NDF : 4745908.7/37

Out: 227.088+/-0.036 χ^2/NDF : 6529670.9/40

All: 236.081+/-0.026 χ^2/NDF : 11414040.0/78

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 ± 23.538 $\chi^2/\text{NDF}: 14.5/16$

Left Out: 12.785 ± 16.664 $\chi^2/\text{NDF}: 17.7/21$

Right Out: 78.749 ± 22.490 $\chi^2/\text{NDF}: 19.1/18$

Left In: 27.717 ± 17.080 $\chi^2/\text{NDF}: 22.6/20$

Left: 20.067 ± 11.928 $\chi^2/\text{NDF}: 40.8/42$

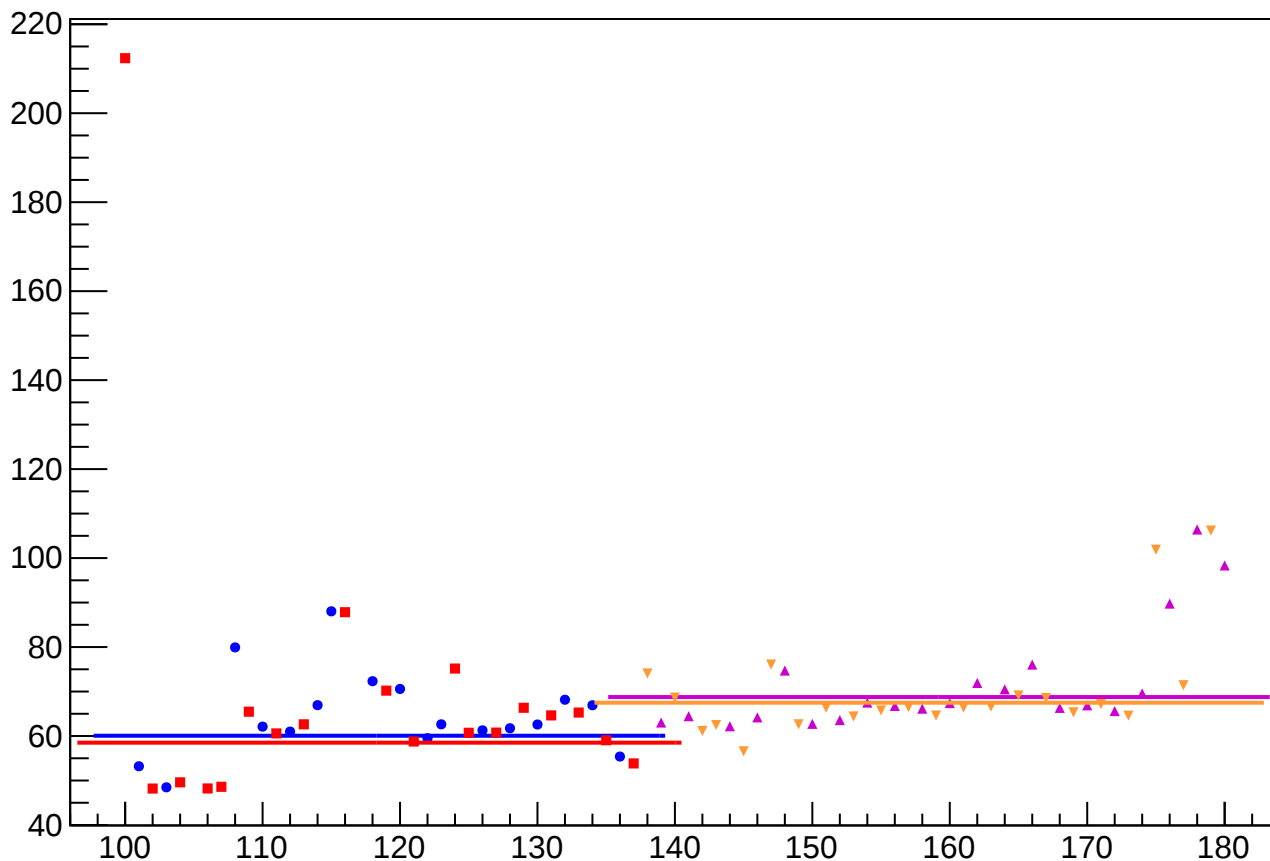
Right: 65.887 ± 16.261 $\chi^2/\text{NDF}: 34.4/35$

In: 36.023 ± 13.824 $\chi^2/\text{NDF}: 37.9/37$

Out: 36.165 ± 13.389 $\chi^2/\text{NDF}: 42.4/40$

All: 36.096 ± 9.618 $\chi^2/\text{NDF}: 80.3/78$

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 67.489 $\pm$ 0.012 χ^2 /NDF: 526828.3/21

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 68.761 $\pm$ 0.012 χ^2 /NDF: 538069.2/20

Left: 68.109 $\pm$ 0.008 χ^2 /NDF: 1070578.3/42

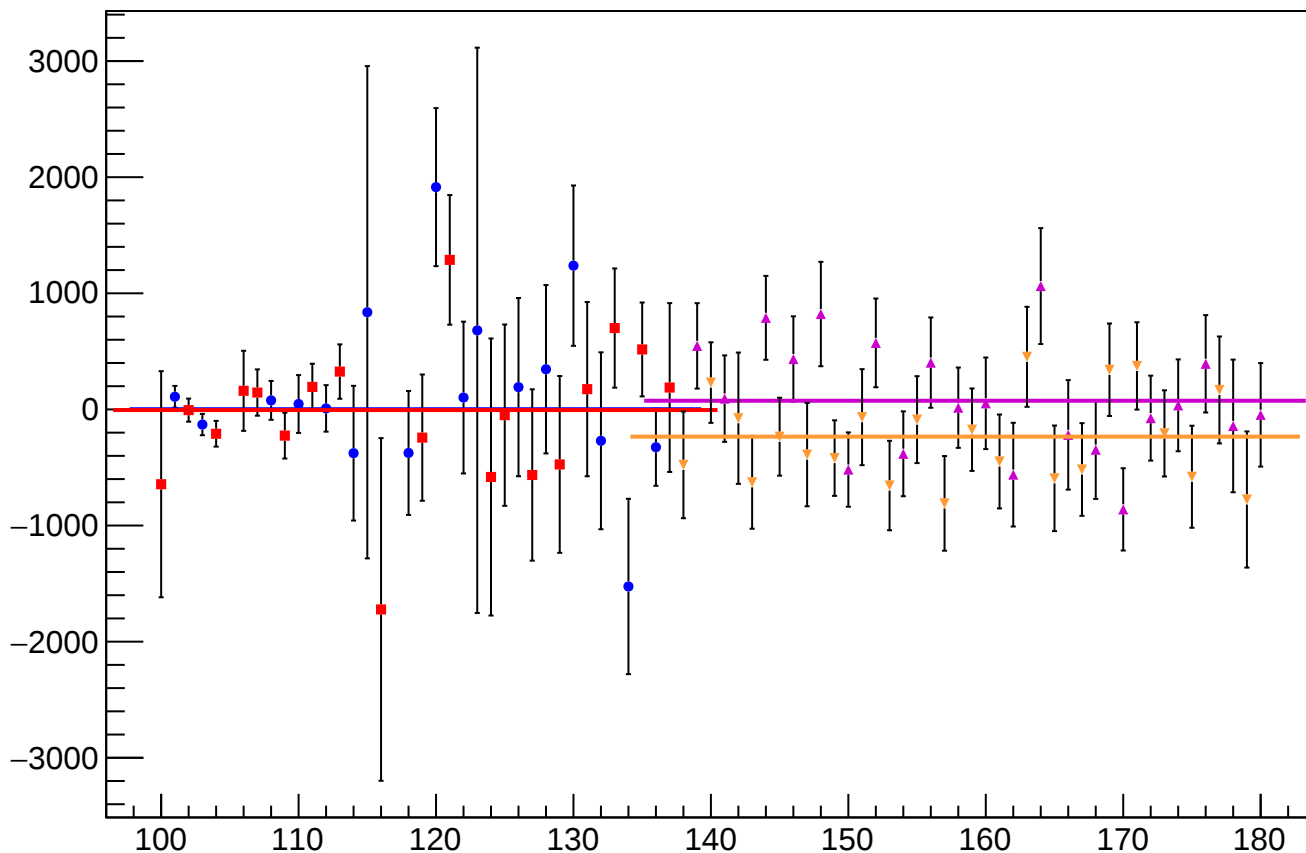
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 65.761 $\pm$ 0.010 χ^2 /NDF: 945958.9/37

Out: 64.306 $\pm$ 0.009 χ^2 /NDF: 1081517.9/40

All: 65.010 $\pm$ 0.007 χ^2 /NDF: 2038917.6/78

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -234.537 ± 85.883 χ^2/NDF : 18.0/21

Right Out: -5.402 ± 56.516 χ^2/NDF : 20.7/18

Left In: 74.703 ± 86.118 χ^2/NDF : 32.0/20

Left: -80.339 ± 60.811 χ^2/NDF : 56.4/42

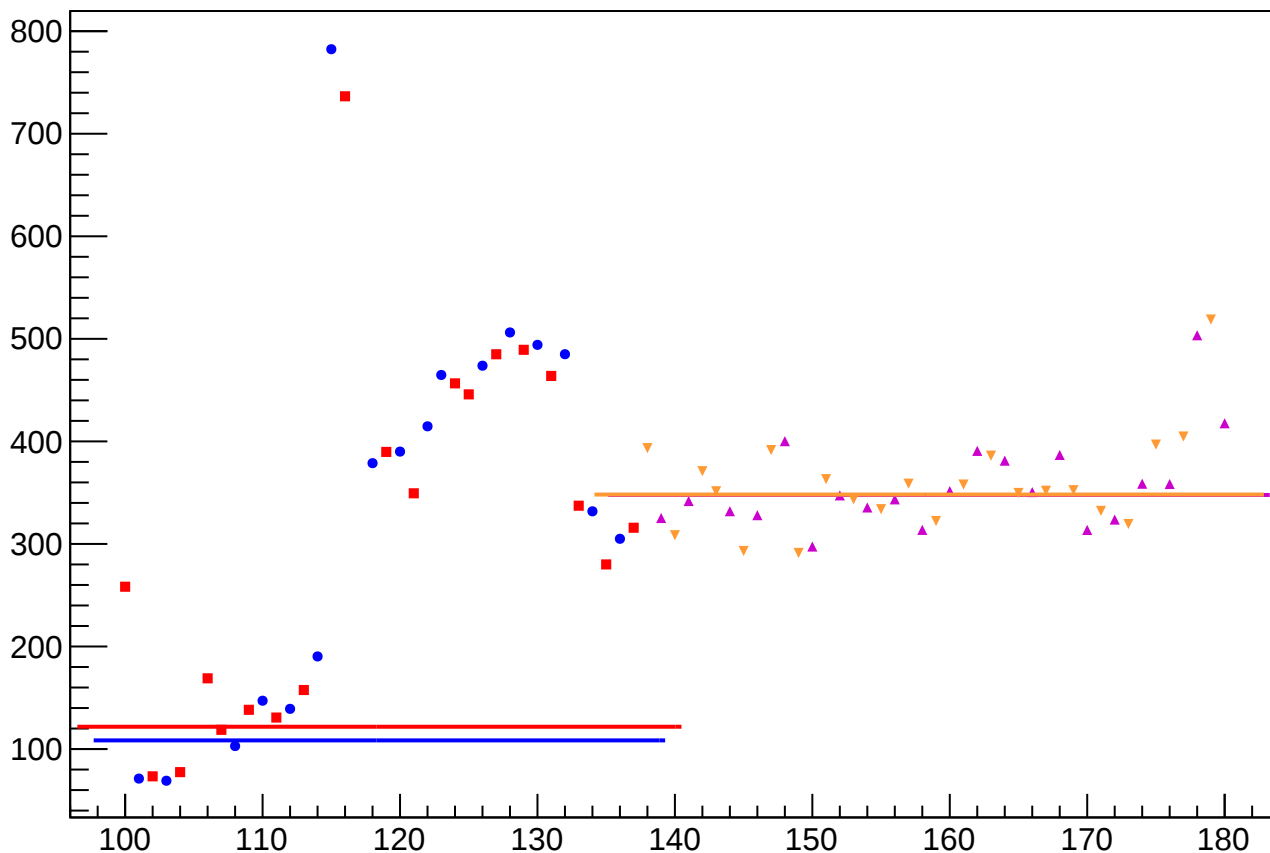
Right: -1.770 ± 39.150 χ^2/NDF : 42.1/35

In: 22.373 ± 45.922 χ^2/NDF : 53.9/37

Out: -74.643 ± 47.211 χ^2/NDF : 43.6/40

All: -24.792 ± 32.918 χ^2/NDF : 99.7/78

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: 348.158 $\pm$ 0.061 χ^2 /NDF: 457673.0/21

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 347.759 $\pm$ 0.061 χ^2 /NDF: 388626.3/20

Left: 347.959 $\pm$ 0.043 χ^2 /NDF: 846320.9/42

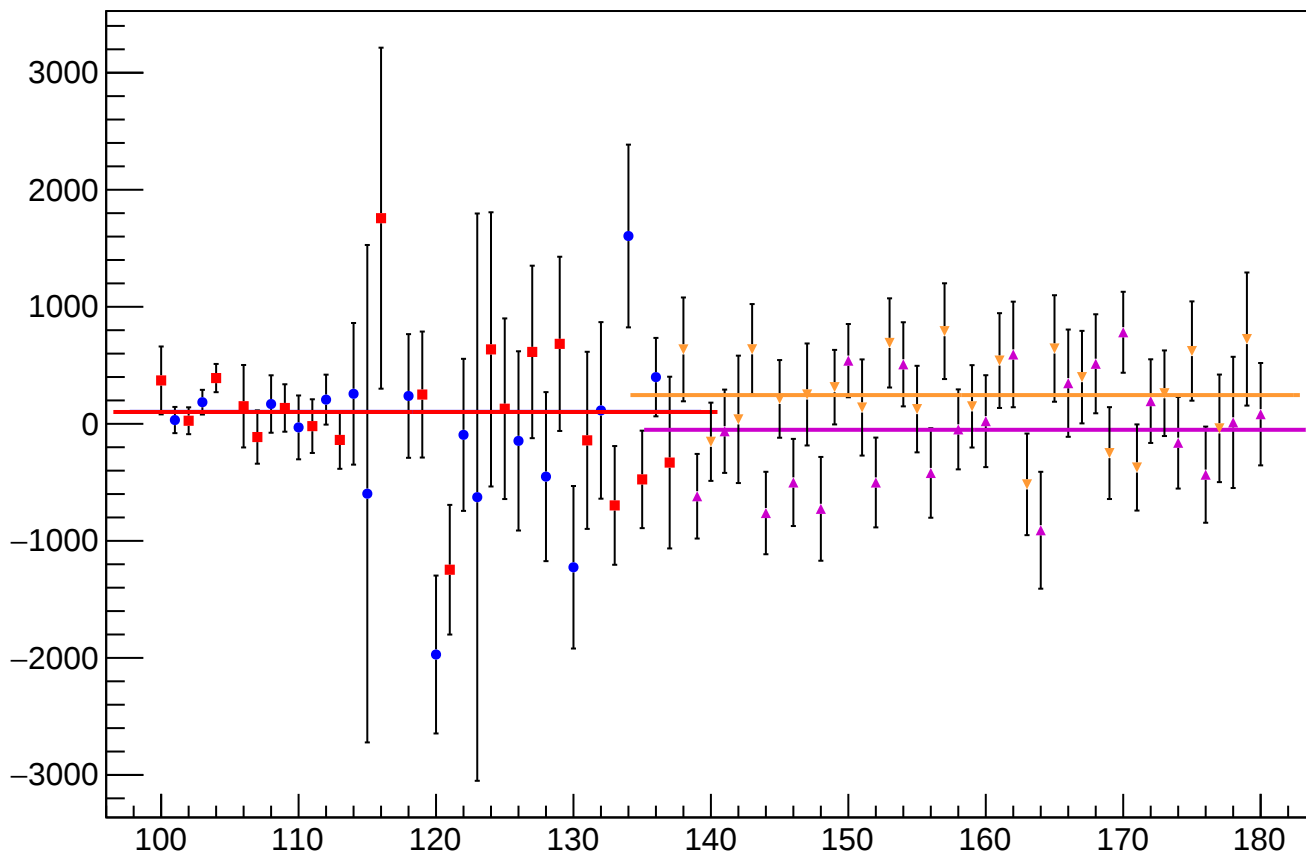
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 176.494 $\pm$ 0.032 χ^2 /NDF: 16845652.3/37

Out: 190.177 $\pm$ 0.033 χ^2 /NDF: 14926743.1/40

All: 183.146 $\pm$ 0.023 χ^2 /NDF: 31858714.3/78

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 245.664 $\pm$ 84.558 χ^2 /NDF:17.7/21

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -51.005 $\pm$ 84.861 χ^2 /NDF:33.5/20

Left: 97.860 $\pm$ 59.898 χ^2 /NDF: 57.3/42

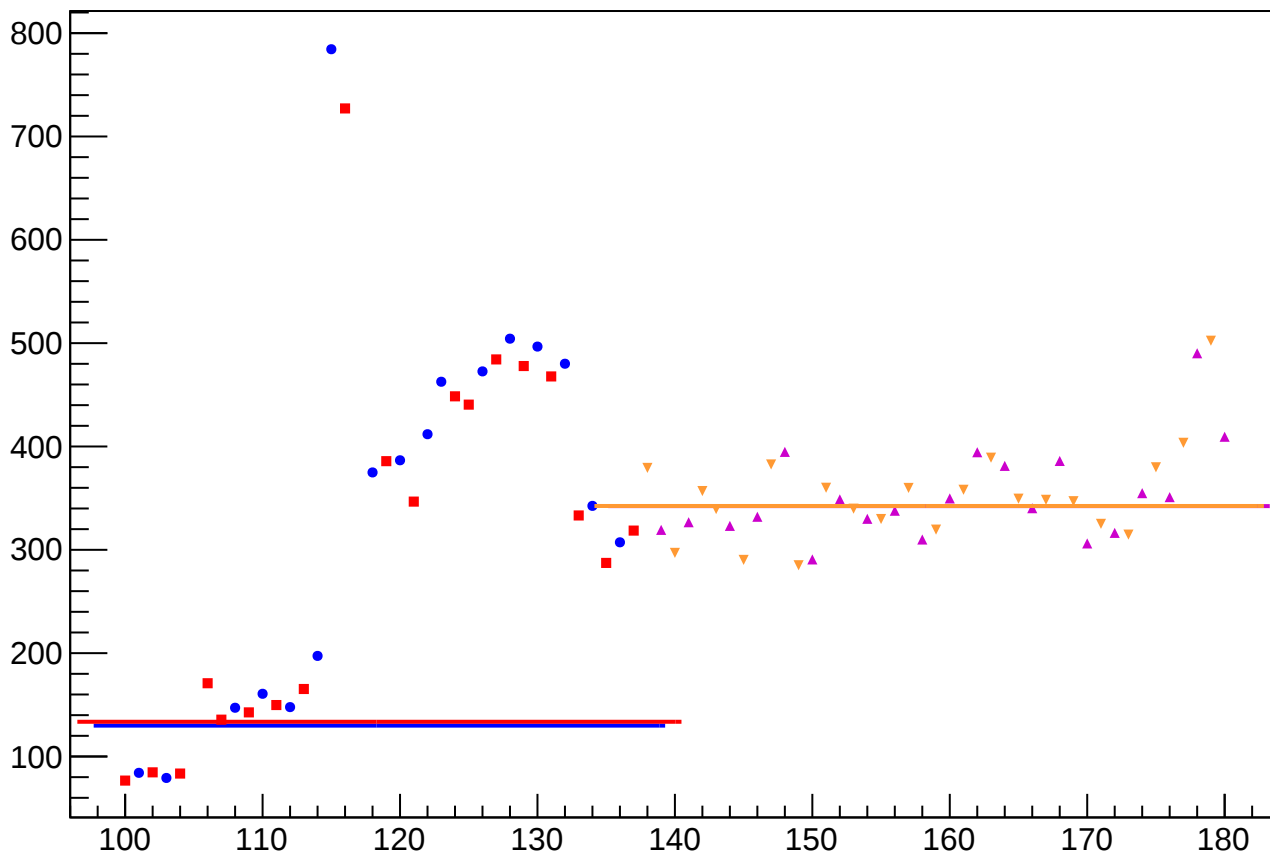
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 47.635 $\pm$ 50.650 χ^2 /NDF:55.9/37

Out: 150.516 $\pm$ 49.388 χ^2 /NDF:42.2/40

All: 100.373 $\pm$ 35.360 χ^2 /NDF: 100.2/78

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 342.426+/-0.060 χ^2/NDF : 454236.8/21

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 342.304+/-0.060 χ^2/NDF : 405340.4/20

Left: 342.365+/-0.042 χ^2/NDF : 859579.3/42

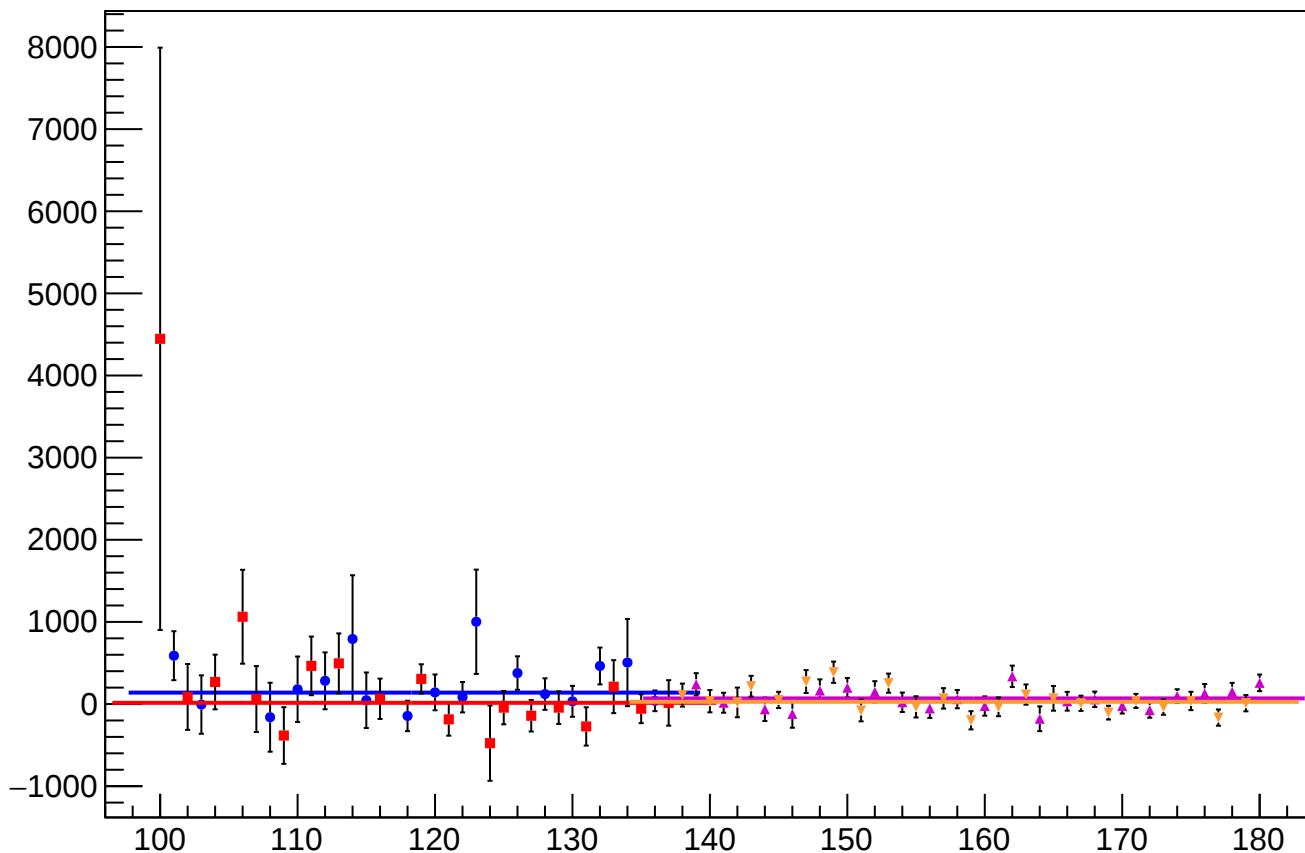
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 205.557+/-0.036 χ^2/NDF : 13302194.3/37

Out: 204.844+/-0.035 χ^2/NDF : 12854078.3/40

All: 205.191+/-0.025 χ^2/NDF : 26156475.9/78

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: 27.502 $\pm$ 24.102 χ^2 /NDF:30.0/21

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 68.600 $\pm$ 24.877 χ^2 /NDF:22.7/20

Left: 47.401 $\pm$ 17.310 χ^2 /NDF: 54.1/42

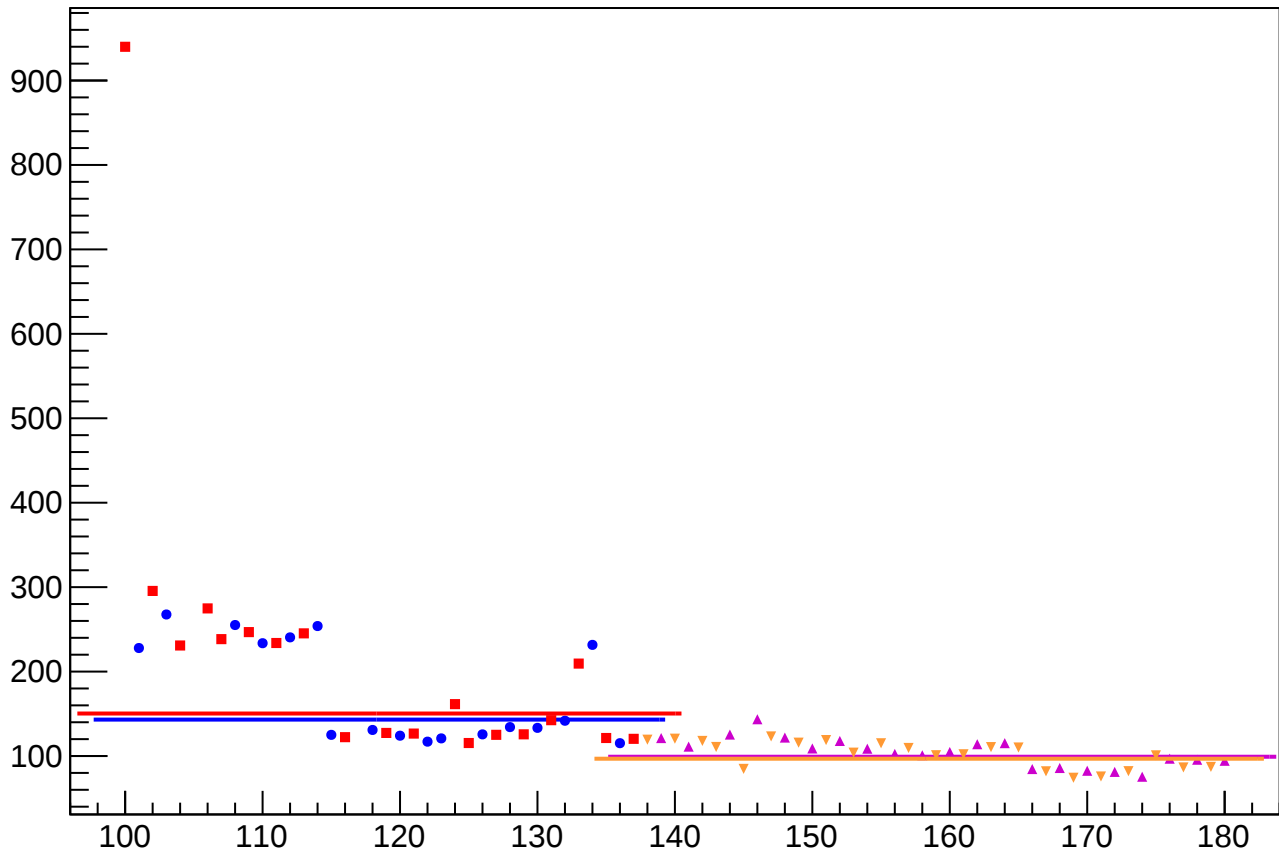
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 79.560 $\pm$ 22.862 χ^2 /NDF:37.0/37

Out: 25.759 $\pm$ 22.371 χ^2 /NDF:48.0/40

All: 52.075 $\pm$ 15.989 χ^2 /NDF: 87.9/78

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: 96.813 $\pm$ 0.017 χ^2 /NDF: 887167.0/21

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 99.161 $\pm$ 0.018 χ^2 /NDF: 837495.5/20

Left: 97.950 $\pm$ 0.012 χ^2 /NDF: 1733850.4/42

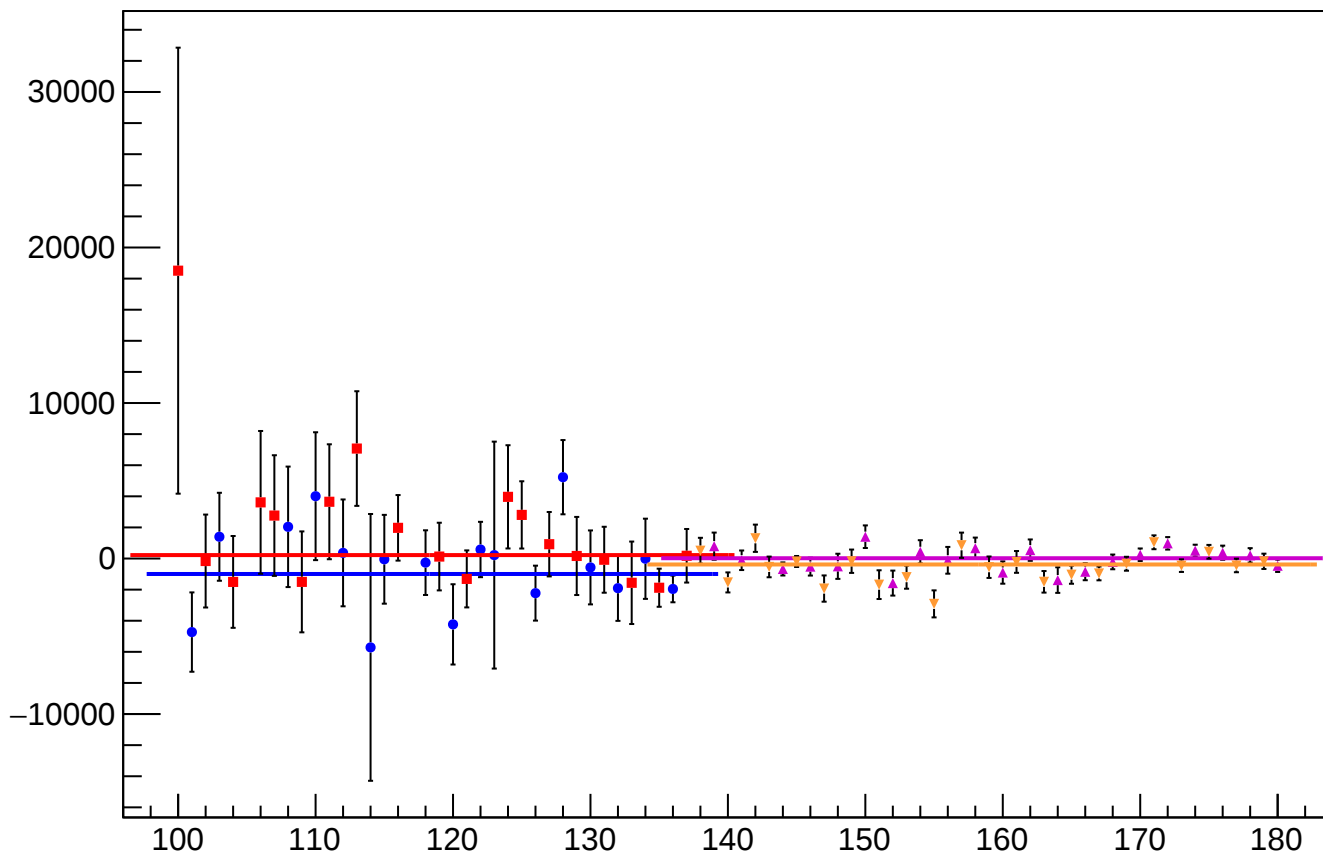
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 105.998 $\pm$ 0.016 χ^2 /NDF: 2910510.2/37

Out: 104.224 $\pm$ 0.016 χ^2 /NDF: 3684943.3/40

All: 105.092 $\pm$ 0.011 χ^2 /NDF: 6601603.2/78

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785 ± 516.463 $\chi^2/\text{NDF}: 16.9/16$

Left Out: -382.141 ± 120.145 $\chi^2/\text{NDF}: 45.4/21$

Right Out: 221.353 ± 543.431 $\chi^2/\text{NDF}: 15.2/18$

Left In: 19.118 ± 118.574 $\chi^2/\text{NDF}: 31.4/20$

Left: -178.871 ± 84.395 $\chi^2/\text{NDF}: 82.4/42$

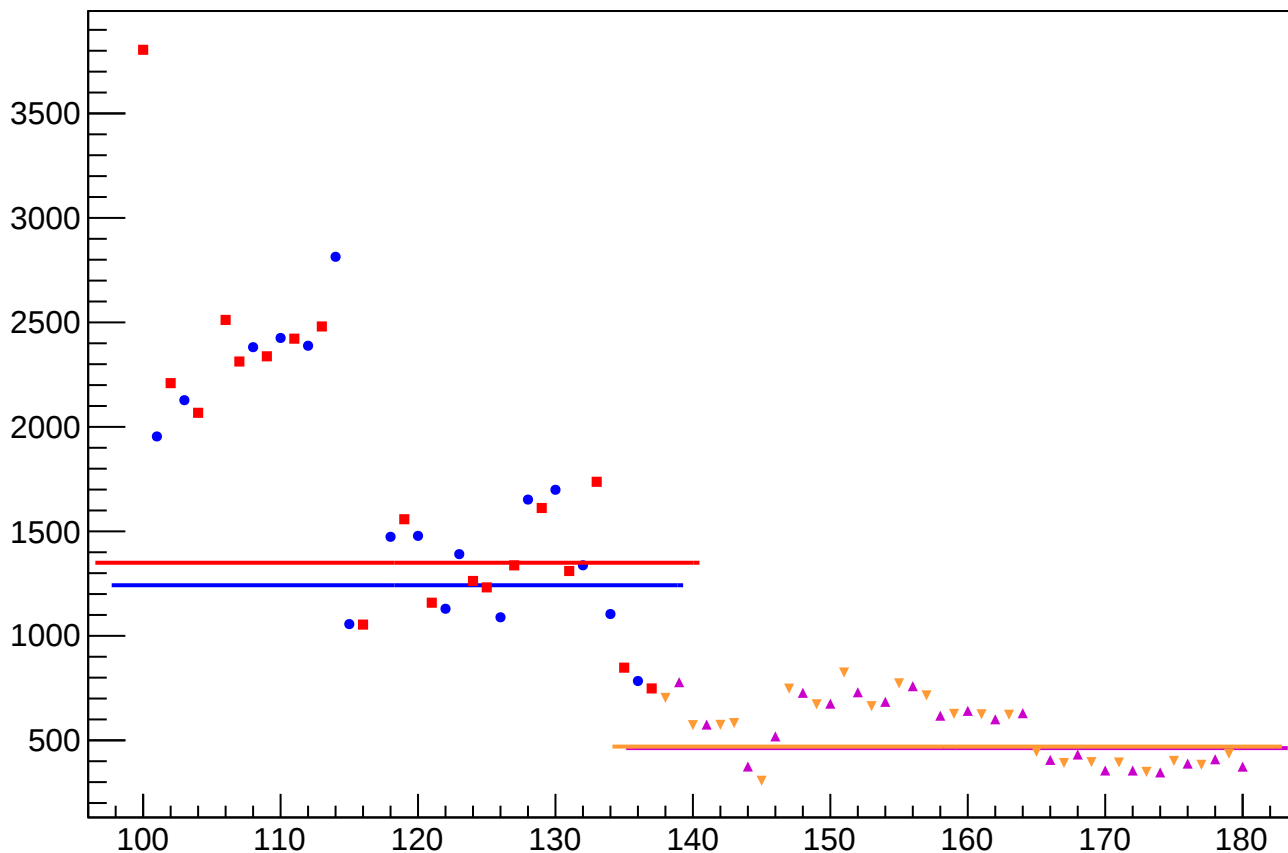
Right: -417.113 ± 374.365 $\chi^2/\text{NDF}: 34.7/35$

In: -31.600 ± 115.568 $\chi^2/\text{NDF}: 52.0/37$

Out: -354.017 ± 117.312 $\chi^2/\text{NDF}: 61.7/40$

All: -190.393 ± 82.329 $\chi^2/\text{NDF}: 117.5/78$

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 470.042+/-0.085 χ^2/NDF : 2729832.0/21

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 462.752+/-0.084 χ^2/NDF : 2520678.7/20

Left: 466.349+/-0.060 χ^2/NDF : 5254241.0/42

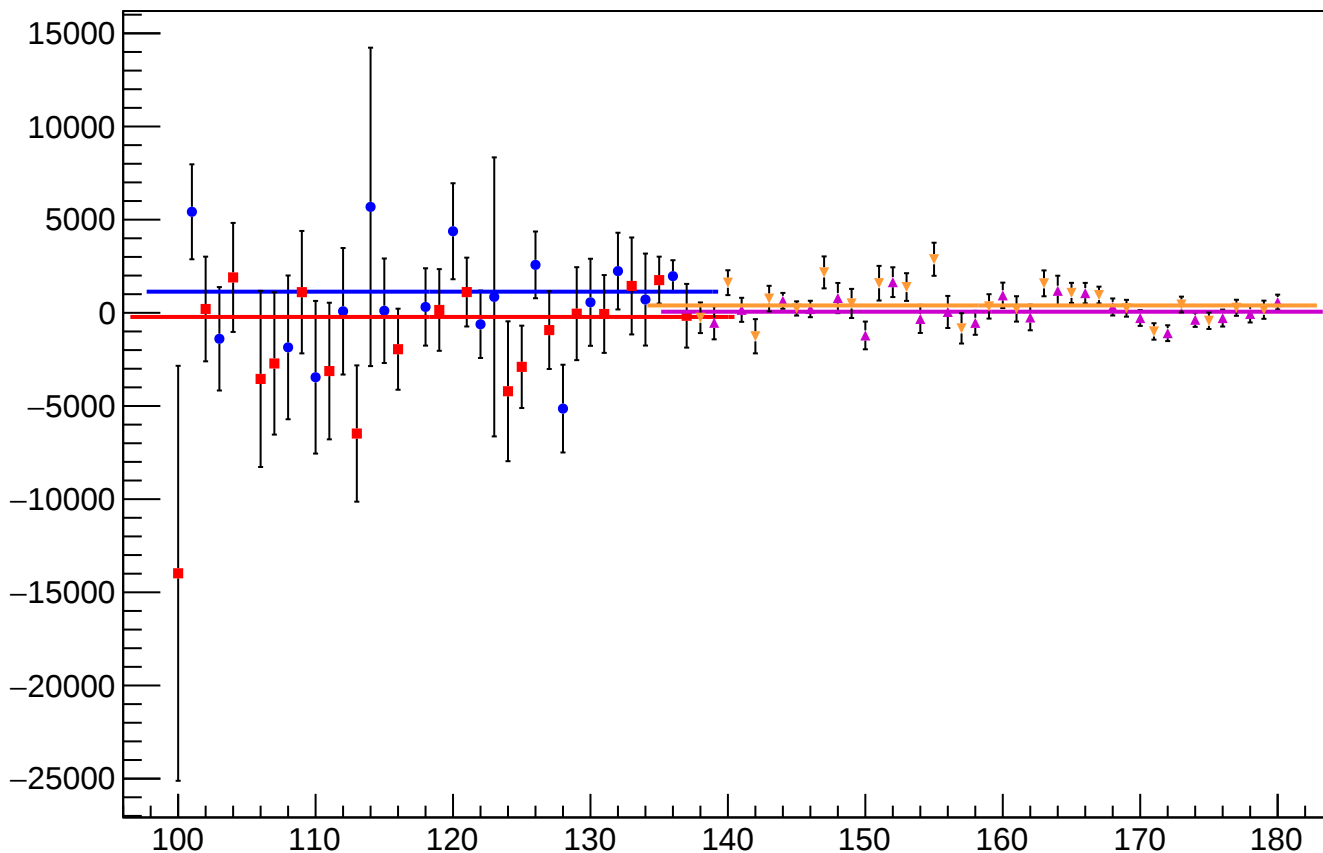
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 501.779+/-0.082 χ^2/NDF : 8615090.1/37

Out: 511.043+/-0.083 χ^2/NDF : 9595868.8/40

All: 506.341+/-0.058 χ^2/NDF : 18217288.8/78

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 ± 513.770 χ^2/NDF : 17.8/16

Left Out: 396.542 ± 121.257 χ^2/NDF : 45.6/21

Right Out: -220.849 ± 547.528 χ^2/NDF : 13.5/18

Left In: 58.764 ± 117.497 χ^2/NDF : 30.3/20

Left: 222.334 ± 84.381 χ^2/NDF : 79.8/42

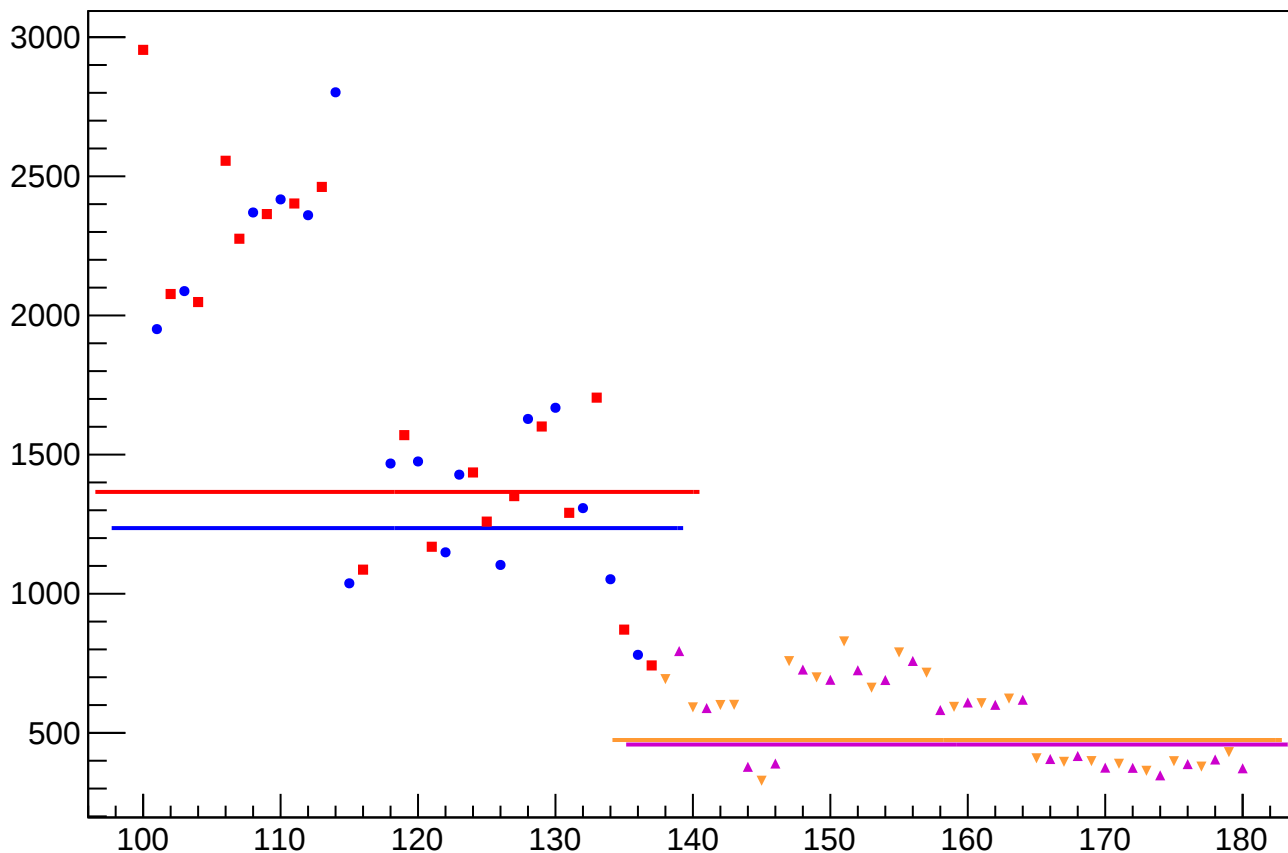
Right: 500.276 ± 374.656 χ^2/NDF : 34.5/35

In: 112.266 ± 114.540 χ^2/NDF : 52.2/37

Out: 367.677 ± 118.389 χ^2/NDF : 60.3/40

All: 235.752 ± 82.319 χ^2/NDF : 114.9/78

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 474.457+/-0.086 χ^2/NDF : 2600566.1/21

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 458.207+/-0.083 χ^2/NDF : 2417991.8/20

Left: 466.076+/-0.060 χ^2/NDF : 5037082.0/42

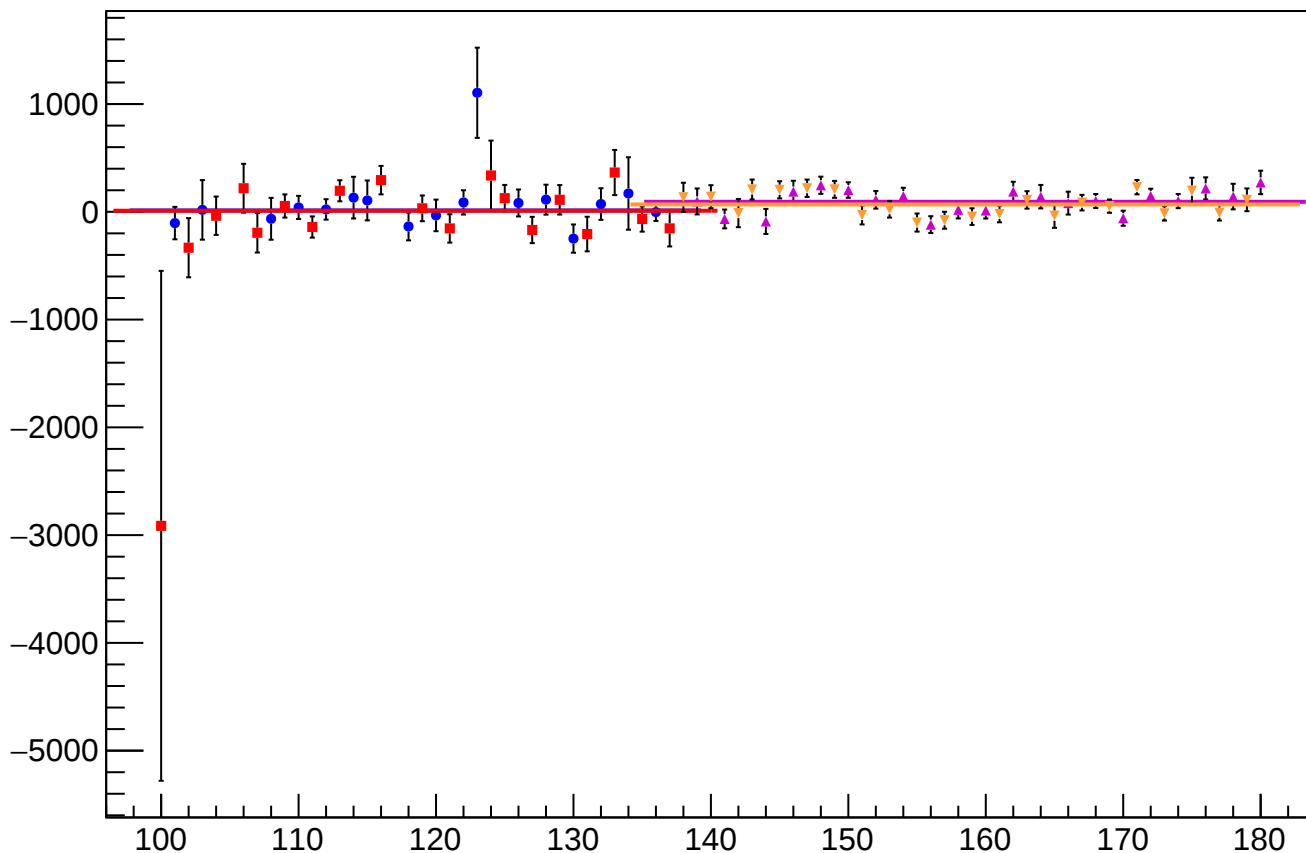
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 496.862+/-0.081 χ^2/NDF : 8518942.4/37

Out: 516.136+/-0.084 χ^2/NDF : 9404789.4/40

All: 506.180+/-0.058 χ^2/NDF : 17951112.6/78

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 68.464+/-17.641 χ^2/NDF : 36.4/21

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 92.981+/-18.325 χ^2/NDF : 33.7/20

Left: 80.256+/-12.709 χ^2/NDF : 71.0/42

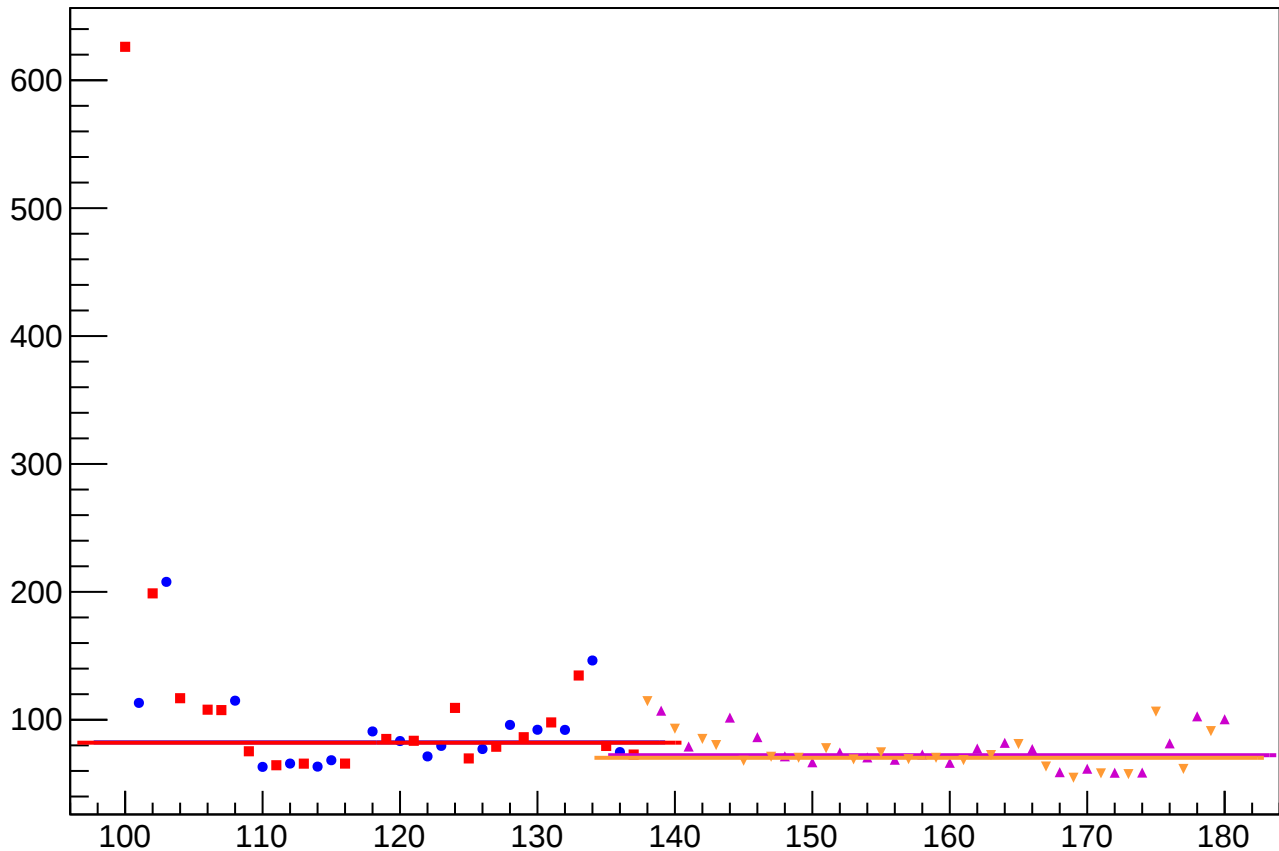
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 74.167+/-16.046 χ^2/NDF : 53.5/37

Out: 55.231+/-15.515 χ^2/NDF : 67.2/40

All: 64.380+/-11.154 χ^2/NDF : 121.4/78

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: 70.274 $\pm$ 0.012 χ^2 /NDF: 972495.6/21

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 72.300 $\pm$ 0.013 χ^2 /NDF: 982046.3/20

Left: 71.249 $\pm$ 0.009 χ^2 /NDF: 1967227.5/42

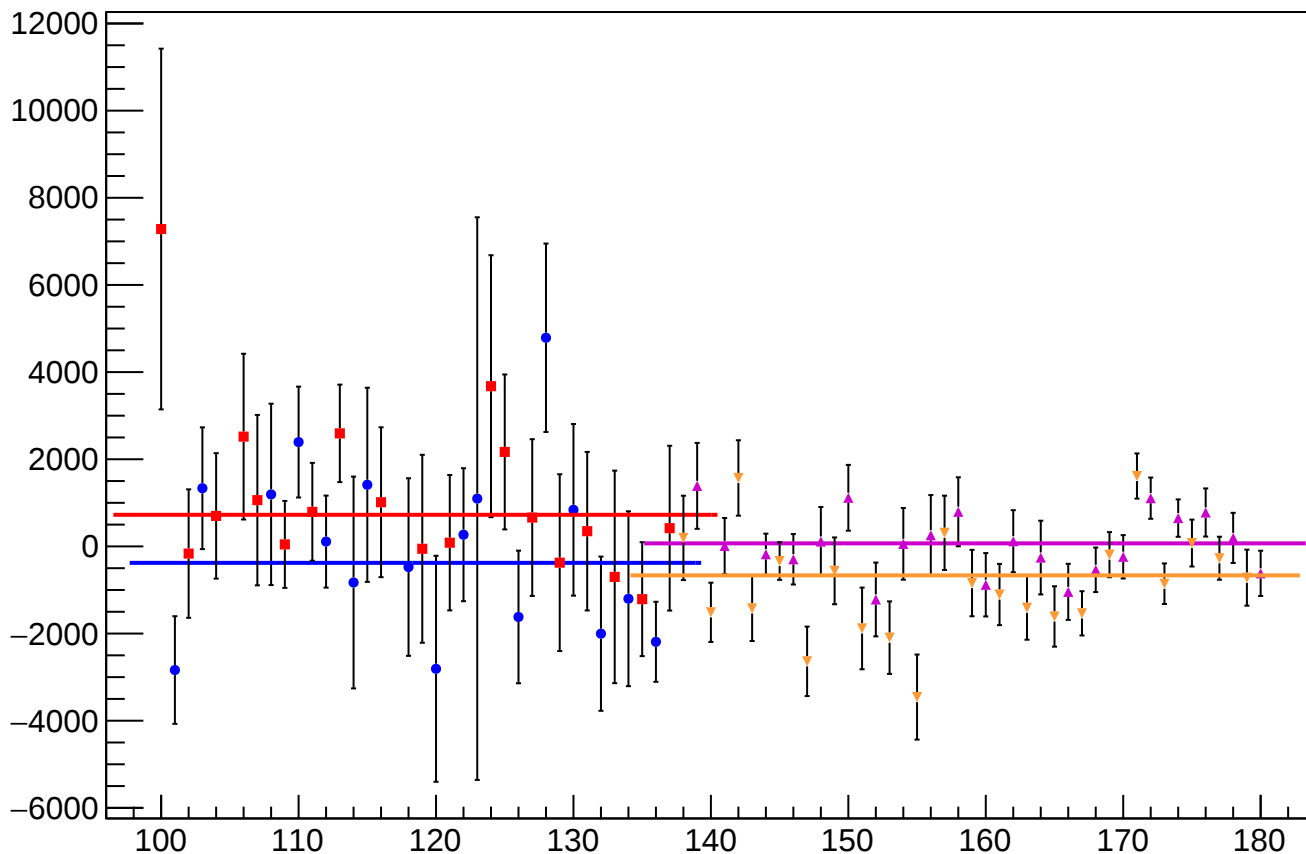
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 74.634 $\pm$ 0.011 χ^2 /NDF: 1989849.6/37

Out: 72.950 $\pm$ 0.011 χ^2 /NDF: 2134726.6/40

All: 73.764 $\pm$ 0.008 χ^2 /NDF: 4135949.8/78

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -664.556+/-136.611 χ^2/NDF : 60.1/21

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 69.630+/-134.353 χ^2/NDF : 24.3/20

Left: -291.344+/-95.790 χ^2/NDF : 99.1/42

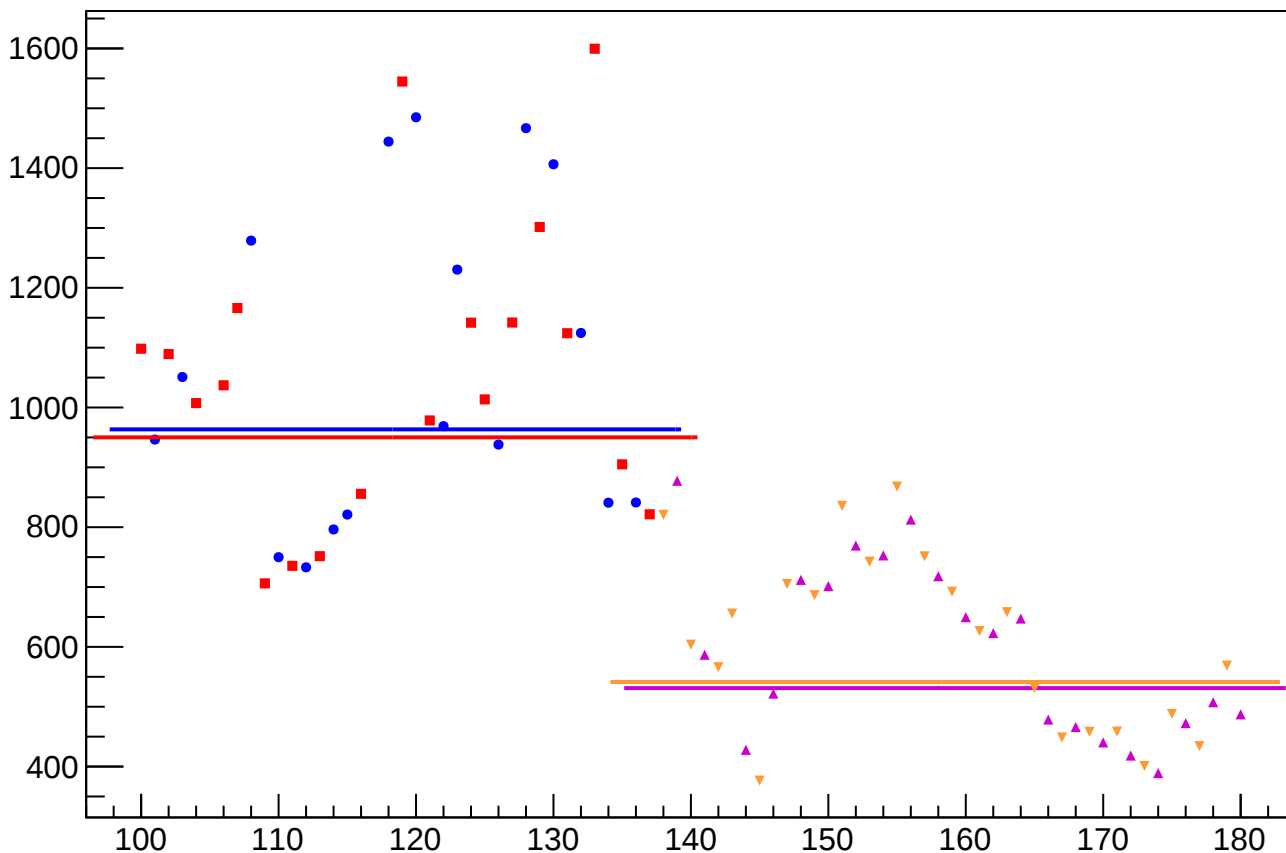
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: 20.860+/-126.811 χ^2/NDF : 50.0/37

Out: -495.563+/-128.036 χ^2/NDF : 84.6/40

All: -234.869+/-90.099 χ^2/NDF : 142.8/78

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: 541.297 $\pm$ 0.097 χ^2 /NDF:1964223.1/21

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

Left In: 531.167 $\pm$ 0.095 χ^2 /NDF:1775884.2/20

Left: 536.148 $\pm$ 0.068 χ^2 /NDF: 3745698.2/42

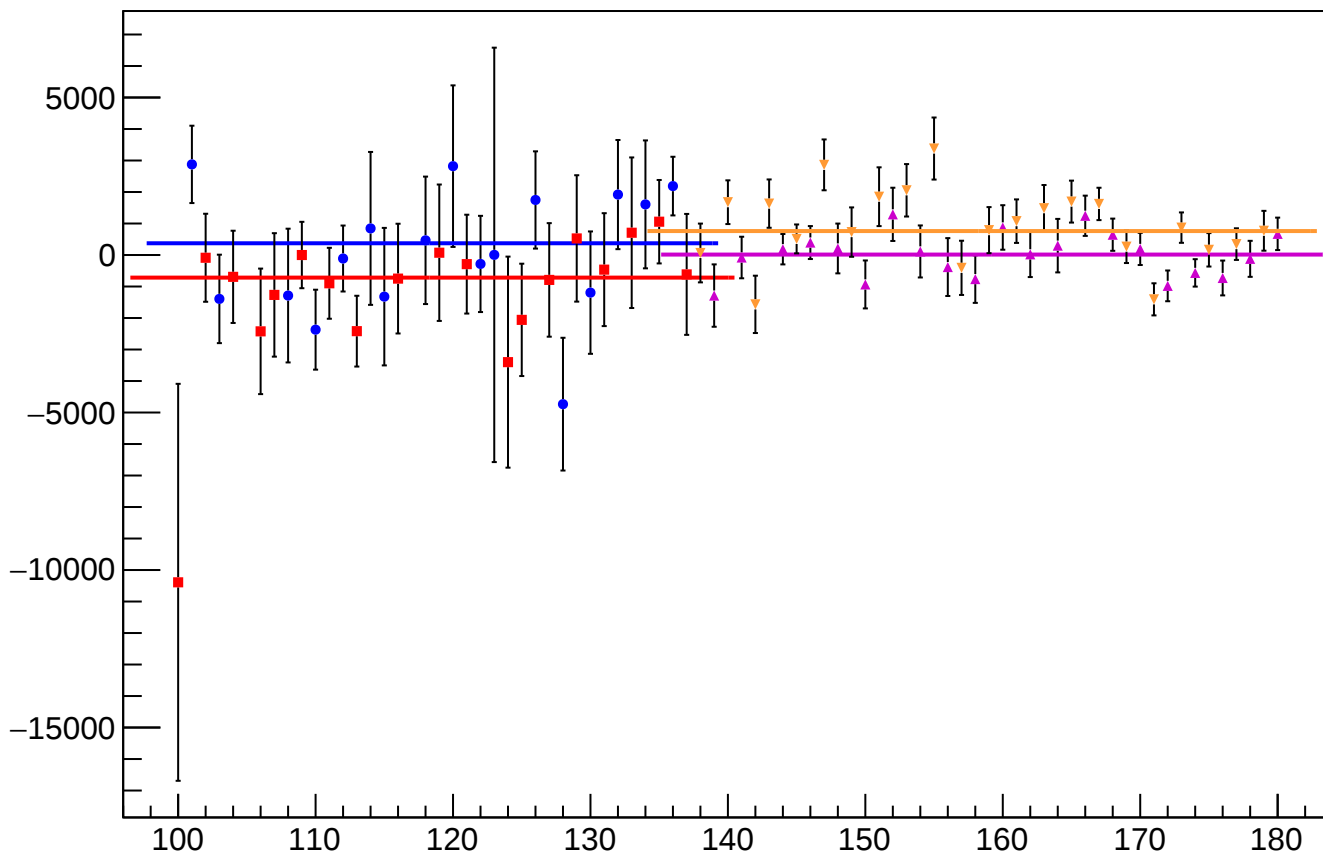
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 578.337 $\pm$ 0.090 χ^2 /NDF:4724177.8/37

Out: 591.010 $\pm$ 0.091 χ^2 /NDF:4874199.4/40

All: 584.613 $\pm$ 0.064 χ^2 /NDF: 9608267.7/78

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 760.234+/-137.703 χ^2/NDF : 56.9/21

Right Out: -717.404+/-371.769 χ^2/NDF : 10.1/18

Left In: 13.949+/-134.340 χ^2/NDF : 23.9/20

Left: 377.866+/-96.160 χ^2/NDF : 95.9/42

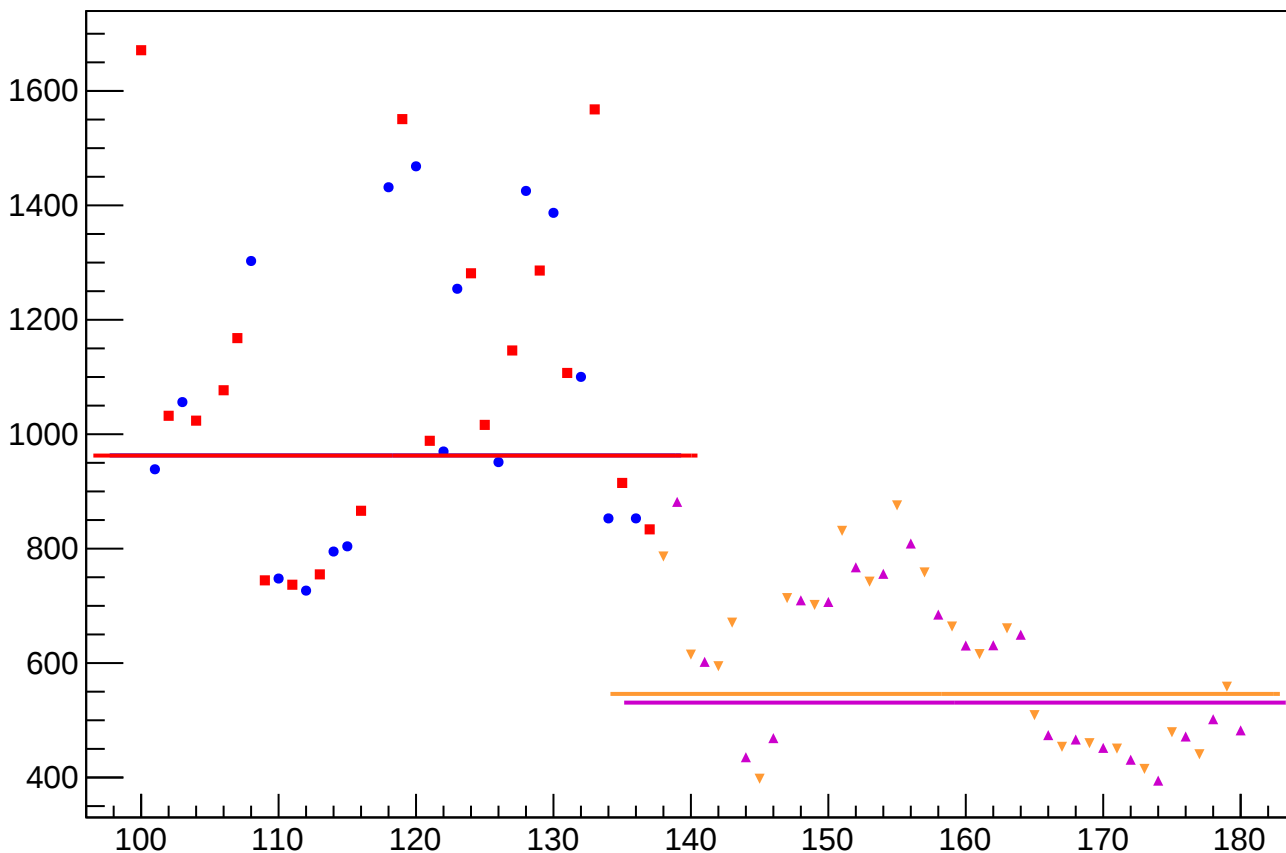
Right: -189.414+/-266.986 χ^2/NDF : 39.6/35

In: 53.152+/-126.792 χ^2/NDF : 50.0/37

Out: 581.965+/-129.130 χ^2/NDF : 80.9/40

All: 312.728+/-90.471 χ^2/NDF : 139.4/78

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 546.089+/-0.097 χ^2/NDF : 1813048.3/21

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 530.868+/-0.095 χ^2/NDF : 1700974.6/20

Left: 538.290+/-0.068 χ^2/NDF : 3526541.6/42

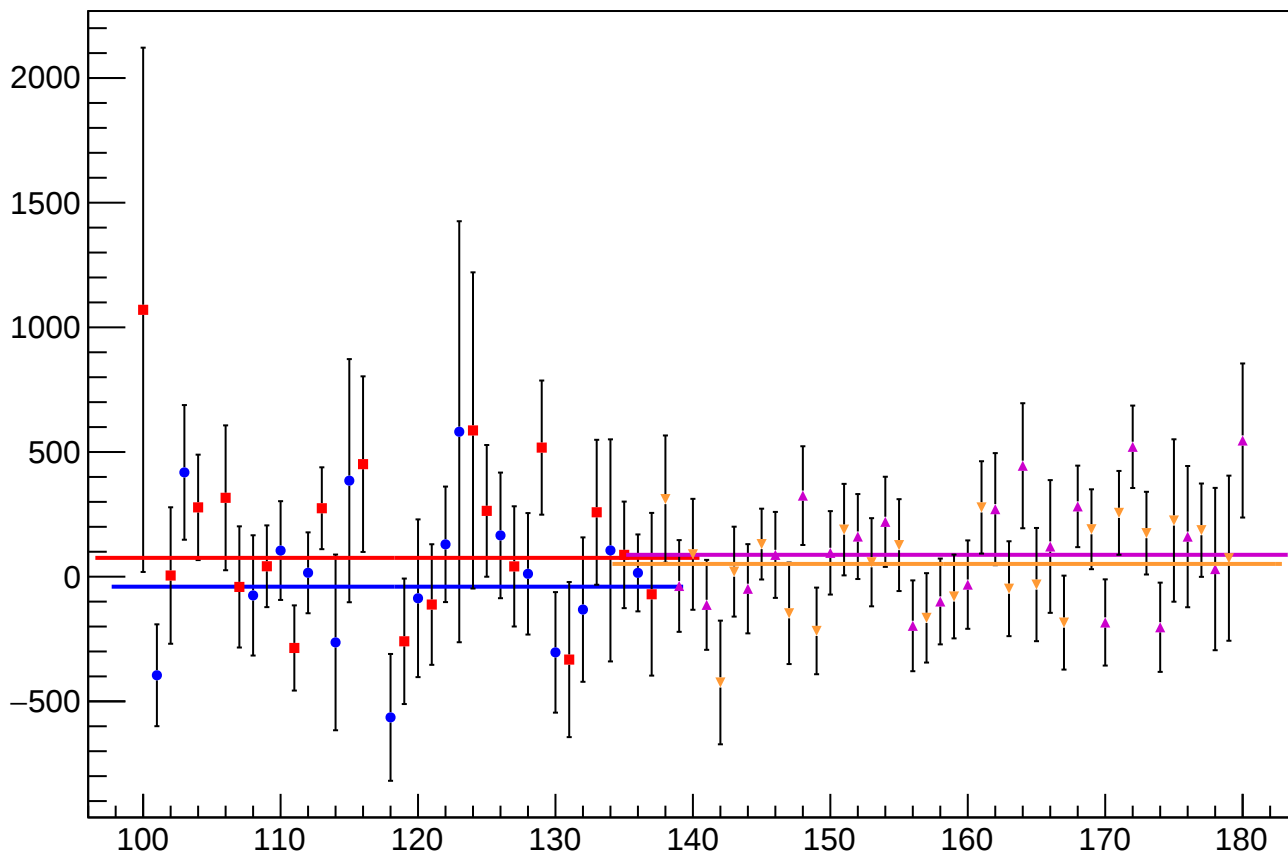
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 578.061+/-0.090 χ^2/NDF : 4628343.1/37

Out: 596.350+/-0.091 χ^2/NDF : 4717925.0/40

All: 587.038+/-0.064 χ^2/NDF : 9366693.9/78

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 $\pm$ 59.256 χ^2/NDF : 15.3/16

Left Out: 51.172 $\pm$ 40.514 χ^2/NDF :18.3/21

Right Out: 75.460 $\pm$ 56.233 χ^2/NDF : 18.5/18

Left In: 87.705 $\pm$ 41.959 χ^2/NDF :26.9/20

Left: 68.798 $\pm$ 29.145 χ^2/NDF : 45.6/42

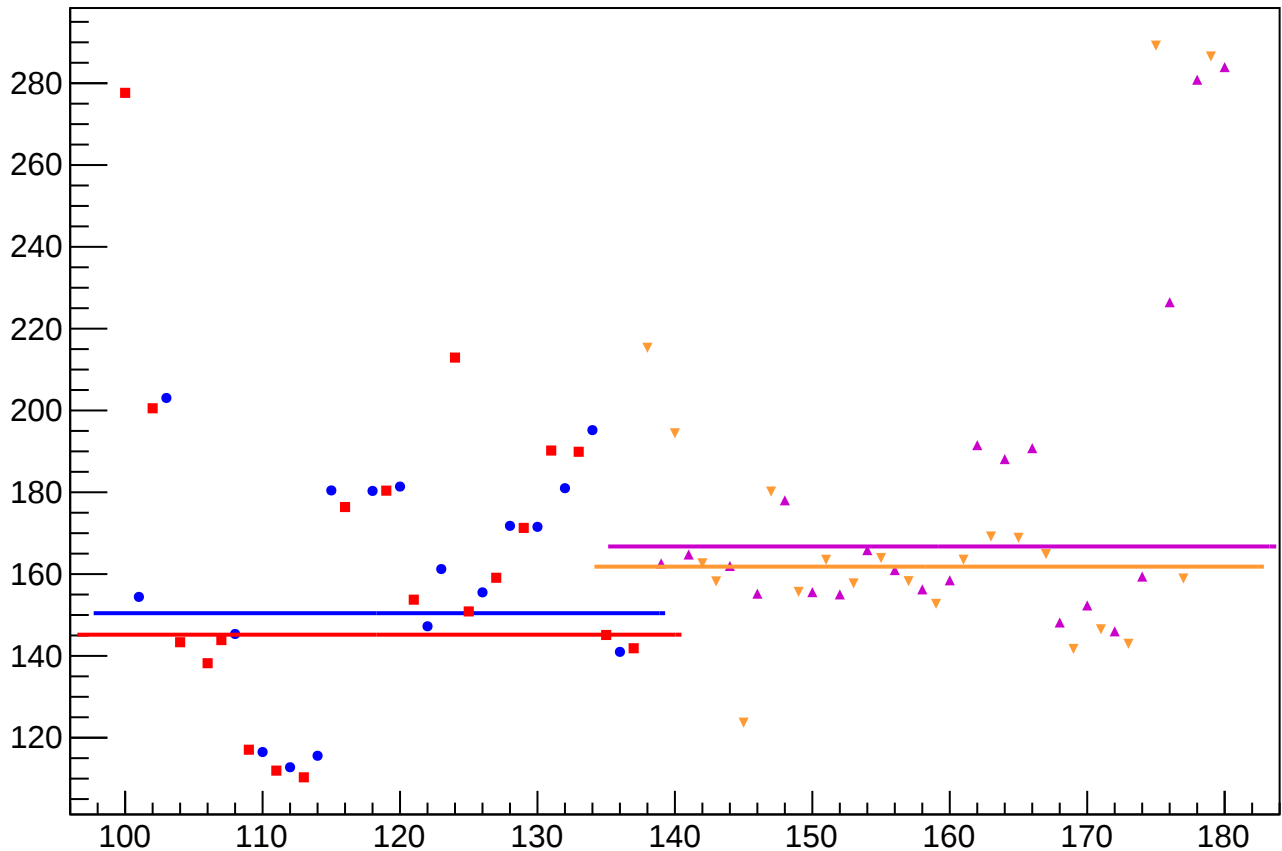
Right: 20.693 $\pm$ 40.790 χ^2/NDF : 35.8/35

In: 45.017 $\pm$ 34.243 χ^2/NDF :45.3/37

Out: 59.471 $\pm$ 32.871 χ^2/NDF :36.9/40

All: 52.539 $\pm$ 23.714 χ^2/NDF : 82.3/78

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: 161.818 $\pm$ 0.029 χ^2 /NDF: 972560.1/21

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 166.752 $\pm$ 0.030 χ^2 /NDF: 802255.8/20

Left: 164.199 $\pm$ 0.021 χ^2 /NDF: 1789125.8/42

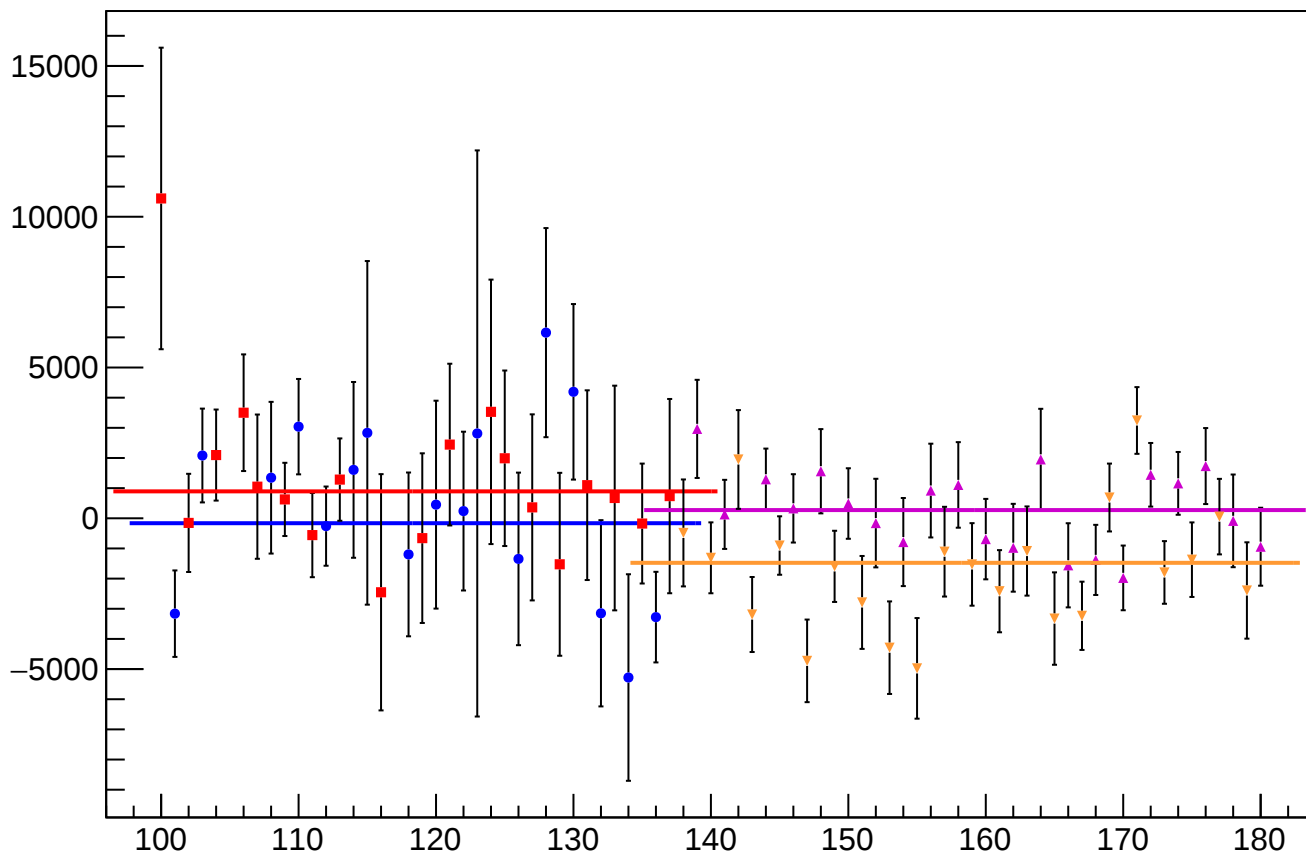
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 161.305 $\pm$ 0.024 χ^2 /NDF: 1303299.2/37

Out: 156.135 $\pm$ 0.023 χ^2 /NDF: 1623420.9/40

All: 158.615 $\pm$ 0.017 χ^2 /NDF: 2950443.5/78

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -1476.392+/-277.482 χ^2/NDF : 49.4/21

Right Out: 893.137+/-484.322 χ^2/NDF : 10.7/18

Left In: 272.616+/-277.849 χ^2/NDF : 20.4/20

Left: -603.045+/-196.339 χ^2/NDF : 89.7/42

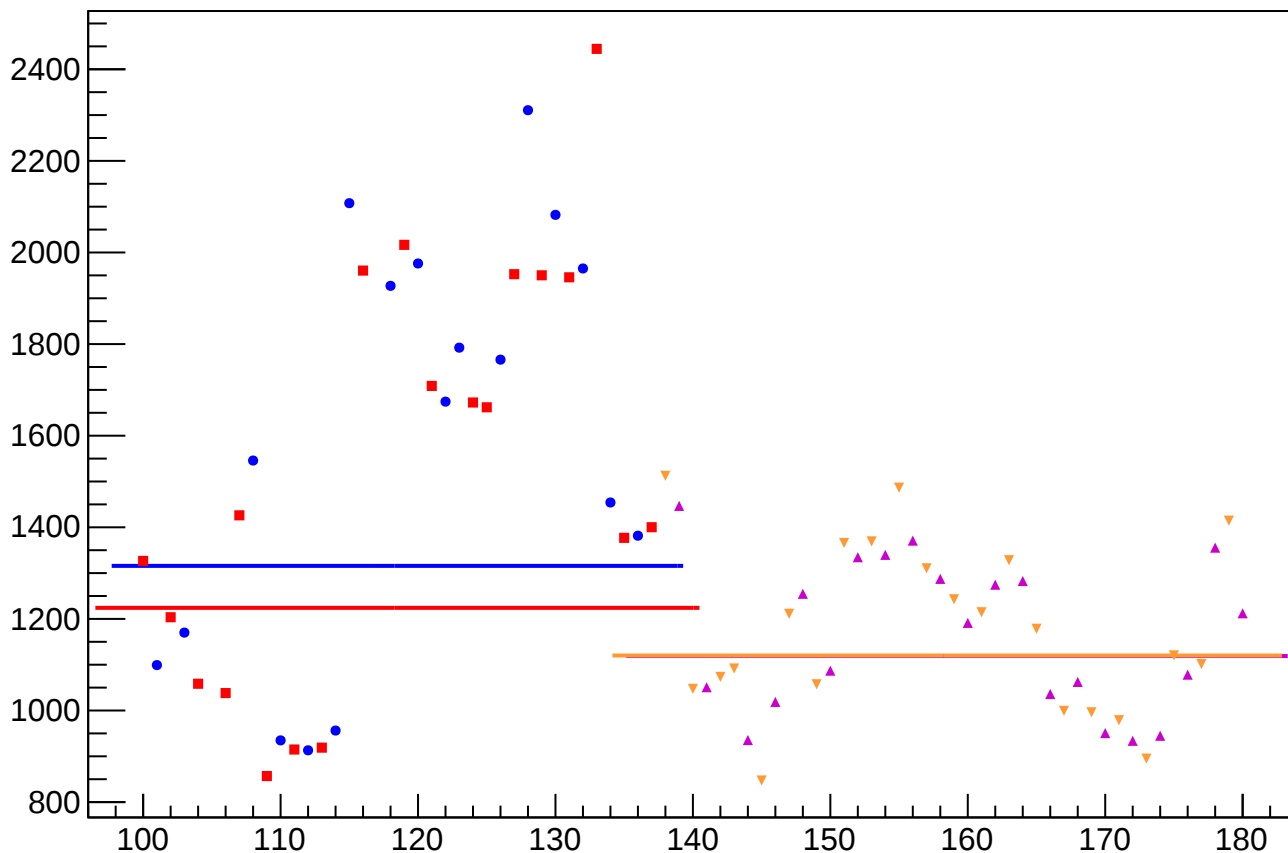
Right: 415.737+/-358.494 χ^2/NDF : 37.9/35

In: 179.620+/-246.398 χ^2/NDF : 46.0/37

Out: -890.815+/-240.766 χ^2/NDF : 78.1/40

All: -367.971+/-172.204 χ^2/NDF : 133.8/78

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1120.116 $\pm$ 0.196 χ^2 /NDF: 824317.5/21

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1118.931 $\pm$ 0.196 χ^2 /NDF: 644908.9/20

Left: 1119.524 $\pm$ 0.139 χ^2 /NDF: 1469244.6/42

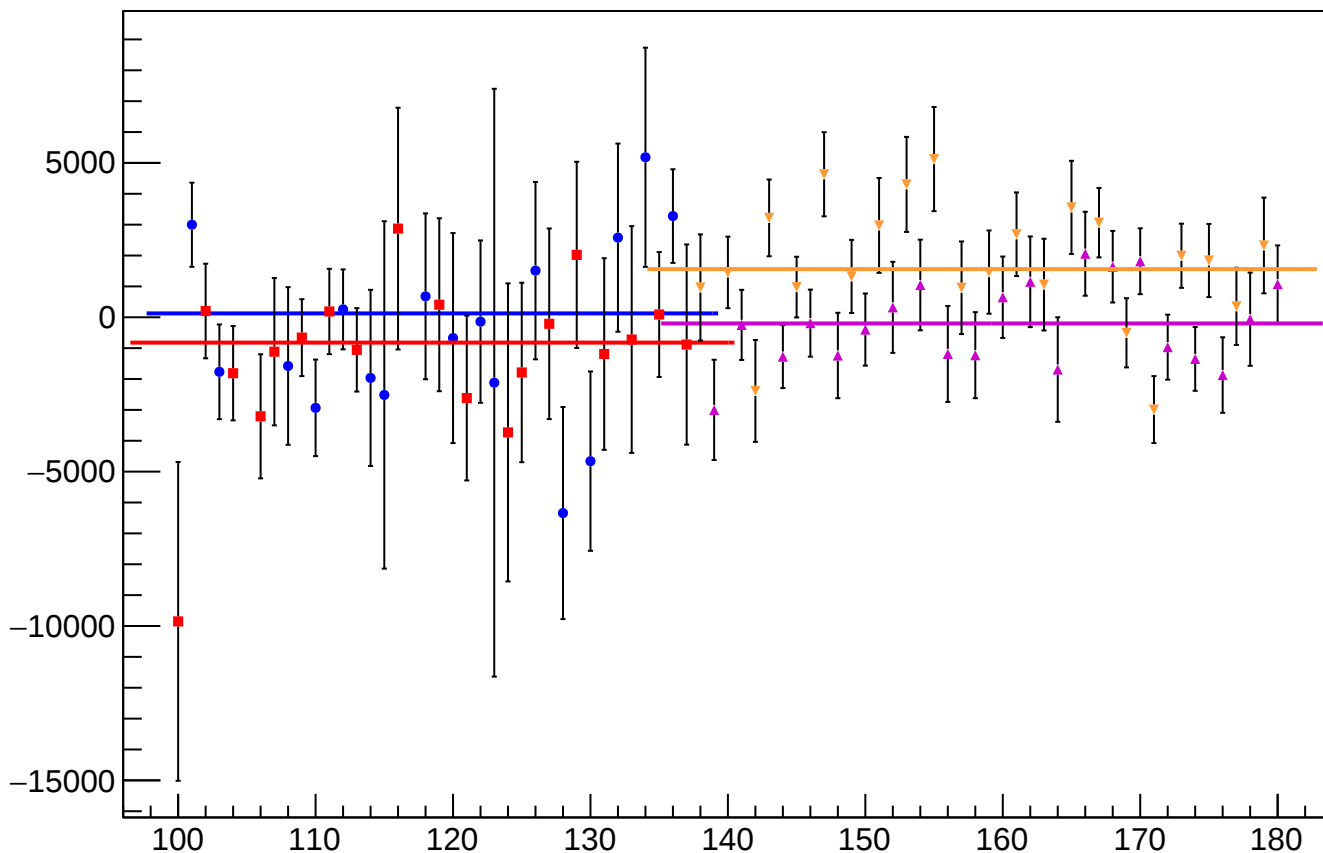
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1160.974 $\pm$ 0.174 χ^2 /NDF: 1977667.6/37

Out: 1145.825 $\pm$ 0.170 χ^2 /NDF: 2257694.6/40

All: 1153.225 $\pm$ 0.122 χ^2 /NDF: 4239229.4/78

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 ± 526.801 $\chi^2/\text{NDF}: 24.7/16$

Left Out: 1559.946 ± 275.792 $\chi^2/\text{NDF}: 48.5/21$

Right Out: -820.213 ± 484.659 $\chi^2/\text{NDF}: 9.1/18$

Left In: -200.255 ± 275.187 $\chi^2/\text{NDF}: 22.0/20$

Left: 677.912 ± 194.800 $\chi^2/\text{NDF}: 91.0/42$

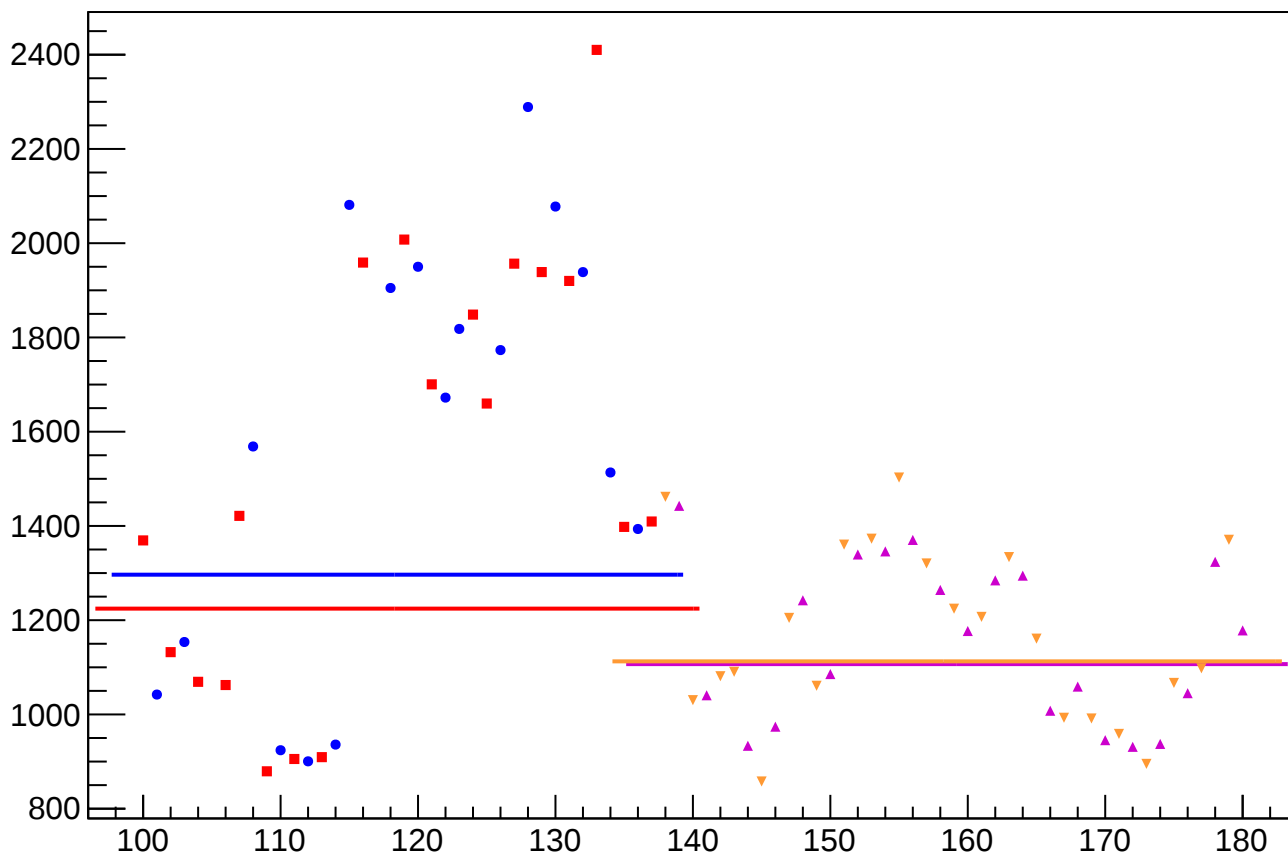
Right: -386.748 ± 356.675 $\chi^2/\text{NDF}: 35.5/35$

In: -130.447 ± 243.913 $\chi^2/\text{NDF}: 47.0/37$

Out: 977.746 ± 239.701 $\chi^2/\text{NDF}: 75.8/40$

All: 433.302 ± 170.964 $\chi^2/\text{NDF}: 133.3/78$

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1112.641 $\pm$ 0.195 χ^2 /NDF: 798620.0/21

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1106.801 $\pm$ 0.195 χ^2 /NDF: 667400.1/20

Left: 1109.714 $\pm$ 0.138 χ^2 /NDF: 1466469.5/42

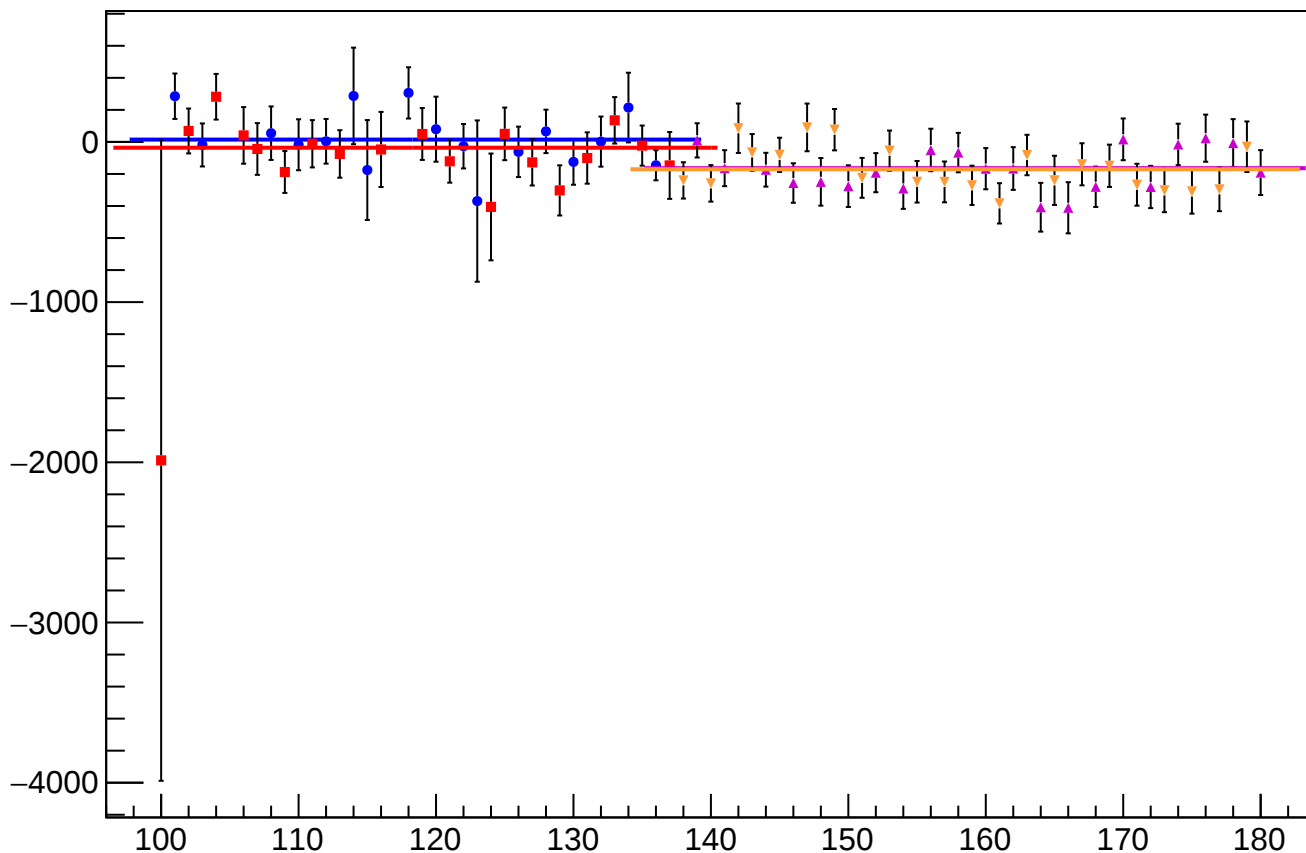
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1147.483 $\pm$ 0.172 χ^2 /NDF: 2046766.1/37

Out: 1140.017 $\pm$ 0.169 χ^2 /NDF: 2227459.8/40

All: 1143.685 $\pm$ 0.121 χ^2 /NDF: 4275179.3/78

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected

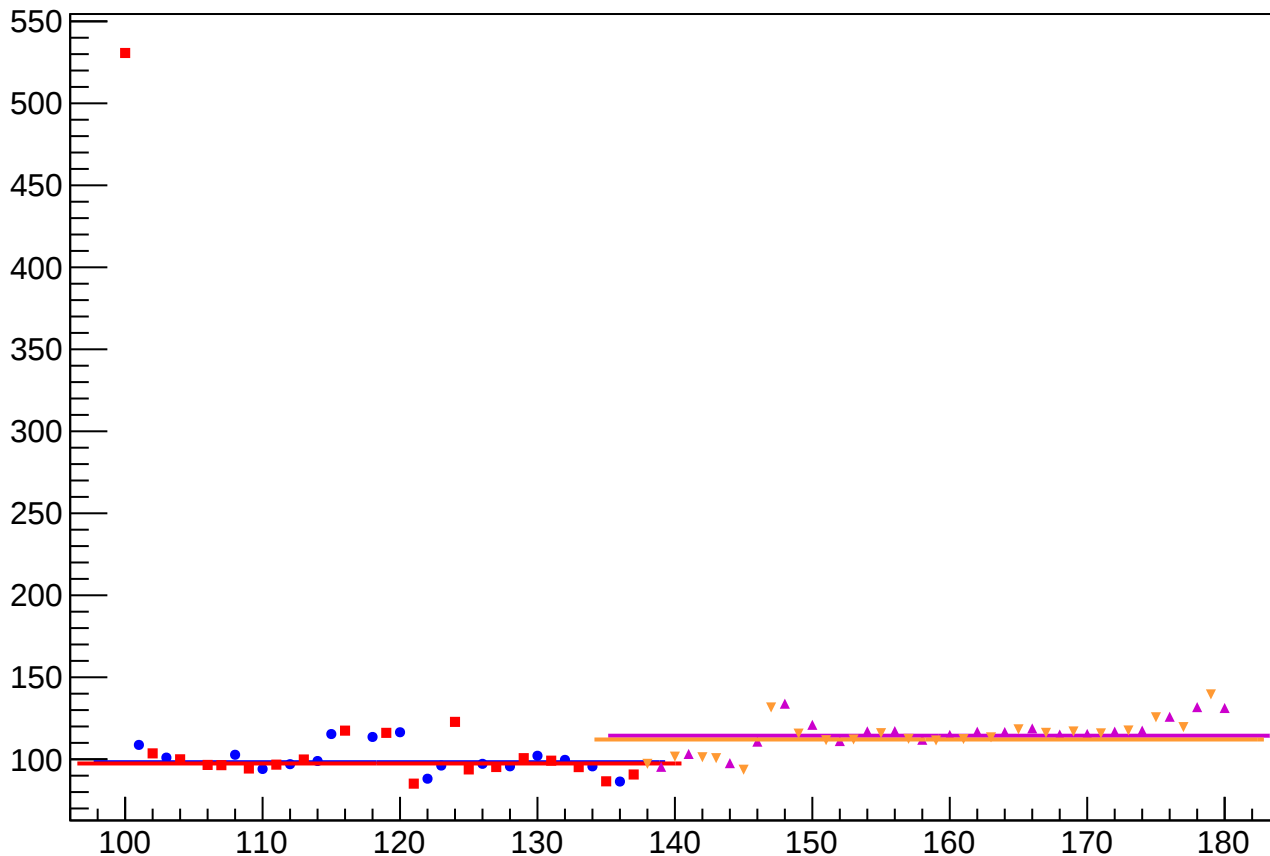


Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -170.680 ± 27.483 $\chi^2/\text{NDF}: 22.3/21$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -163.840 ± 28.191 $\chi^2/\text{NDF}: 19.3/20$

Left: -167.347 ± 19.679 $\chi^2/\text{NDF}: 41.6/42$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$
 In: -100.540 ± 22.644 $\chi^2/\text{NDF}: 47.7/37$
 Out: -122.374 ± 22.003 $\chi^2/\text{NDF}: 46.3/40$

All: -111.771 ± 15.780 $\chi^2/\text{NDF}: 94.5/78$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 112.058+/-0.019 χ^2/NDF : 277337.5/21

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 114.372+/-0.020 χ^2/NDF : 251755.1/20

Left: 113.186+/-0.014 χ^2/NDF : 536000.9/42

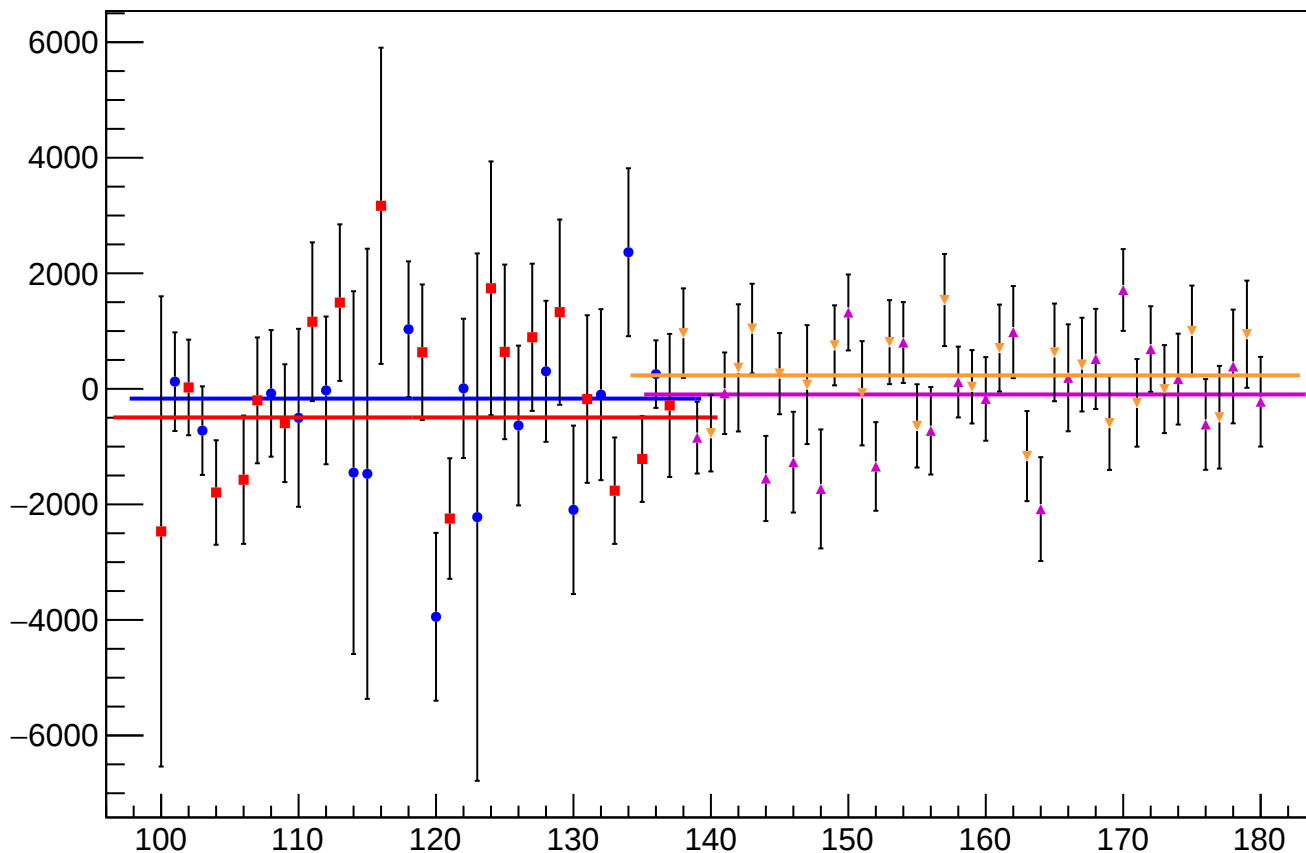
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 108.641+/-0.016 χ^2/NDF : 585235.2/37

Out: 106.809+/-0.016 χ^2/NDF : 670655.5/40

All: 107.699+/-0.011 χ^2/NDF : 1262627.8/78

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2 /NDF: 14.6/16

Left Out: 233.173 $\pm$ 166.750 χ^2 /NDF:17.5/21

Right Out: -494.868 $\pm$ 267.430 χ^2 /NDF: 19.8/18

Left In: -97.331 $\pm$ 166.344 χ^2 /NDF:35.2/20

Left: 67.518 $\pm$ 117.766 χ^2 /NDF: 54.7/42

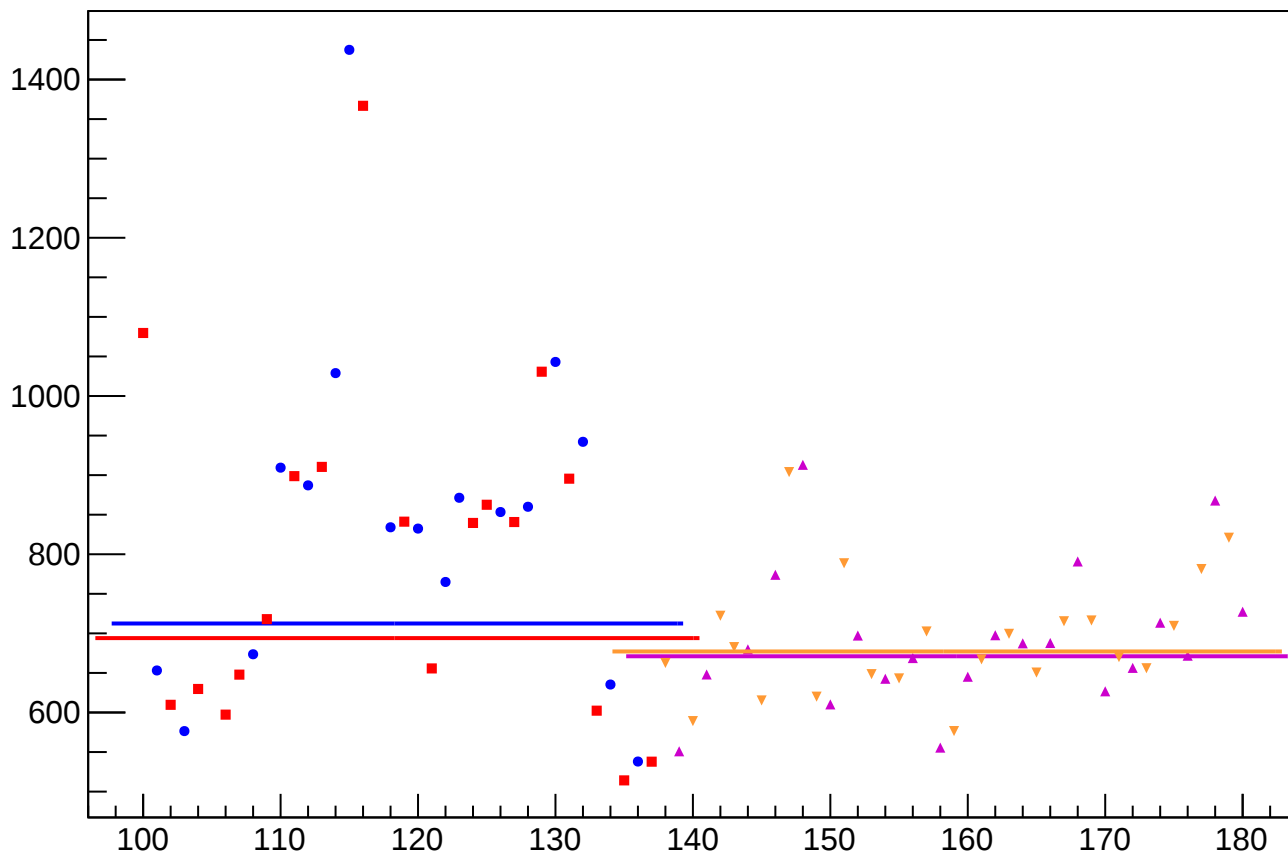
Right: -340.578 $\pm$ 194.106 χ^2 /NDF: 35.1/35

In: -115.763 $\pm$ 143.298 χ^2 /NDF:49.9/37

Out: 29.360 $\pm$ 141.497 χ^2 /NDF:42.7/40

All: -42.284 $\pm$ 100.684 χ^2 /NDF: 93.1/78

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: 677.133 $\pm$ 0.118 χ^2 /NDF: 349751.6/21

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

Left In: 671.051 $\pm$ 0.118 χ^2 /NDF: 458762.6/20

Left: 674.085 $\pm$ 0.083 χ^2 /NDF: 809848.0/42

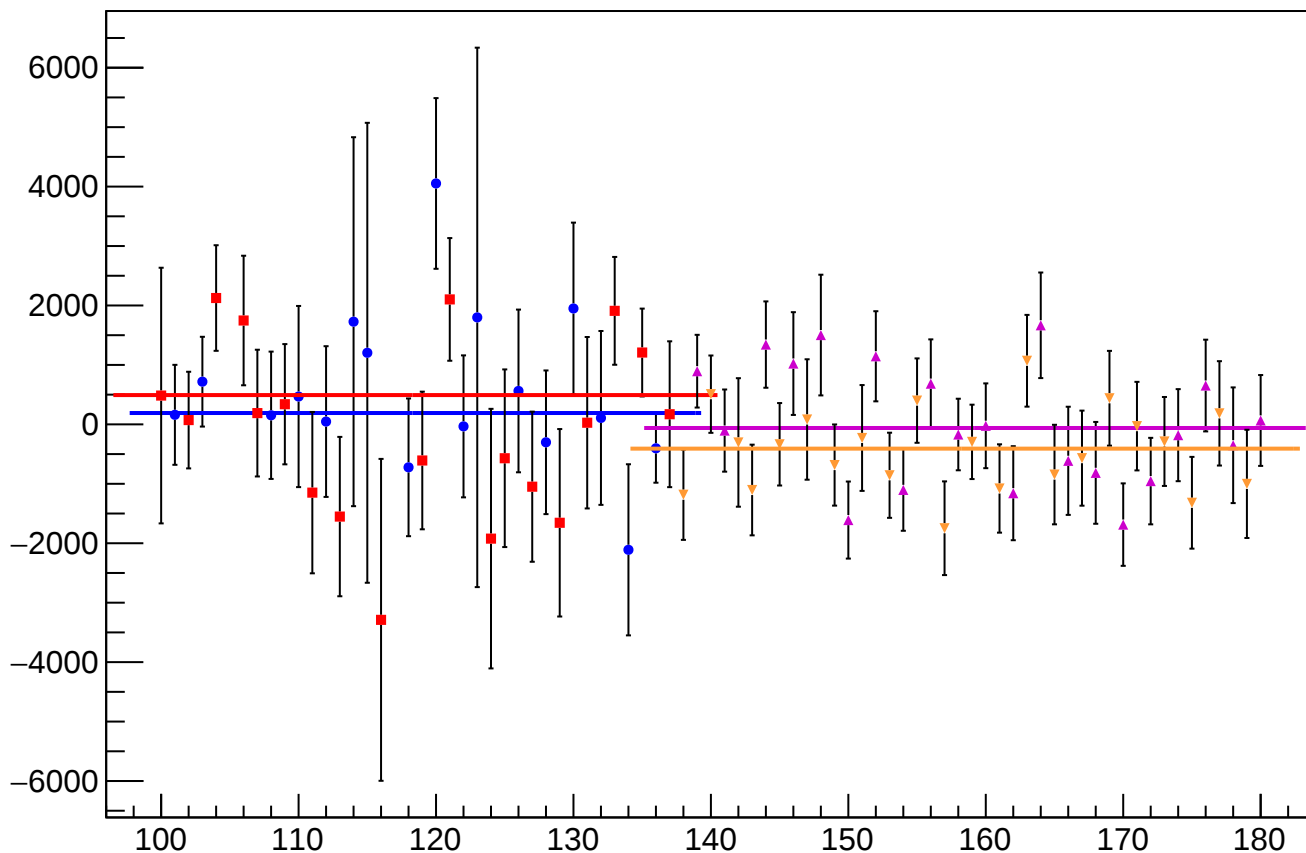
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 681.734 $\pm$ 0.101 χ^2 /NDF: 1151270.1/37

Out: 681.859 $\pm$ 0.100 χ^2 /NDF: 1030478.9/40

All: 681.797 $\pm$ 0.071 χ^2 /NDF: 2181749.8/78

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -408.375 $\pm$ 164.280 χ^2 /NDF:17.4/21

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: -61.138 $\pm$ 163.849 χ^2 /NDF:36.5/20

Left: -234.301 $\pm$ 116.011 χ^2 /NDF: 56.2/42

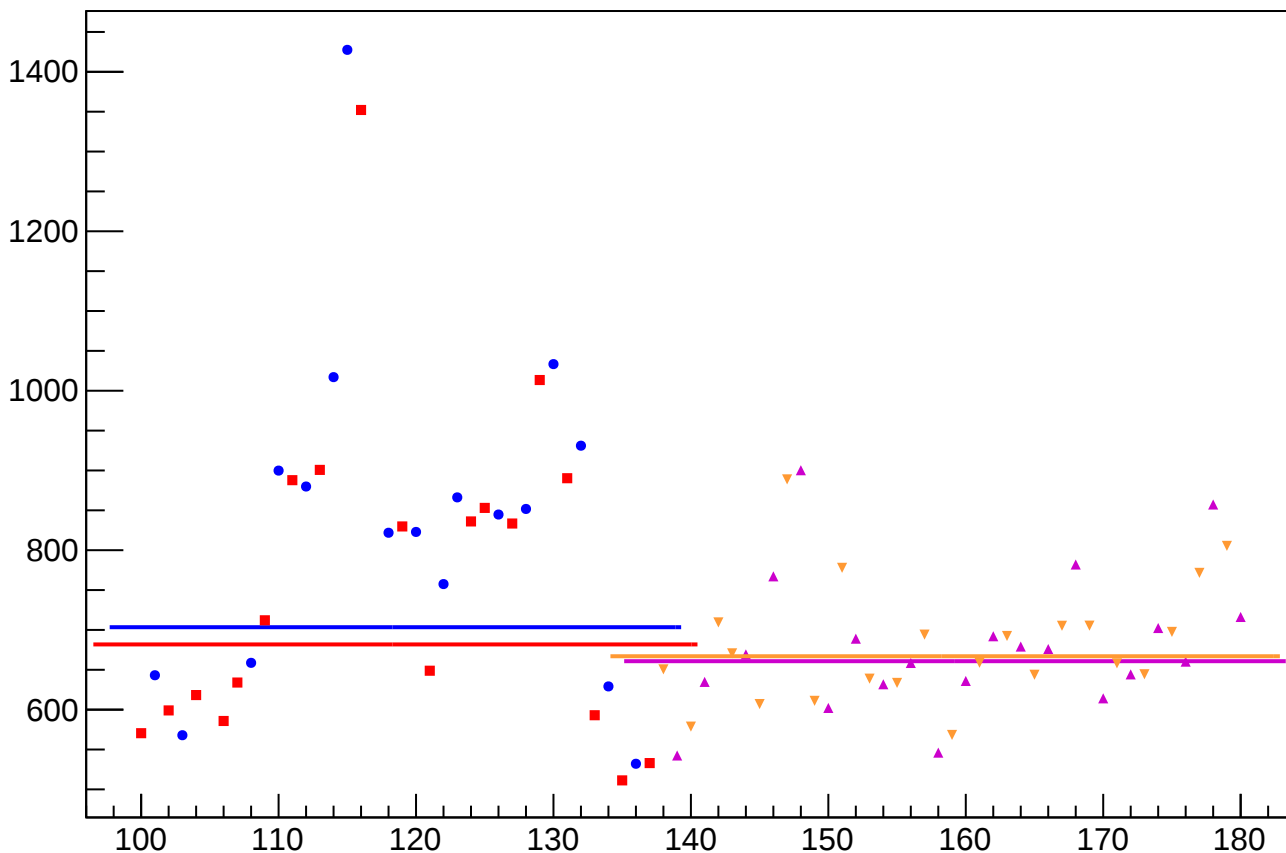
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 3.604 $\pm$ 141.243 χ^2 /NDF:51.3/37

Out: -155.000 $\pm$ 139.279 χ^2 /NDF:48.6/40

All: -76.808 $\pm$ 99.172 χ^2 /NDF: 100.6/78

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 666.983 $\pm$ 0.116 χ^2 /NDF:348924.4/21

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 660.780 $\pm$ 0.116 χ^2 /NDF:469748.3/20

Left: 663.873 $\pm$ 0.082 χ^2 /NDF: 820101.9/42

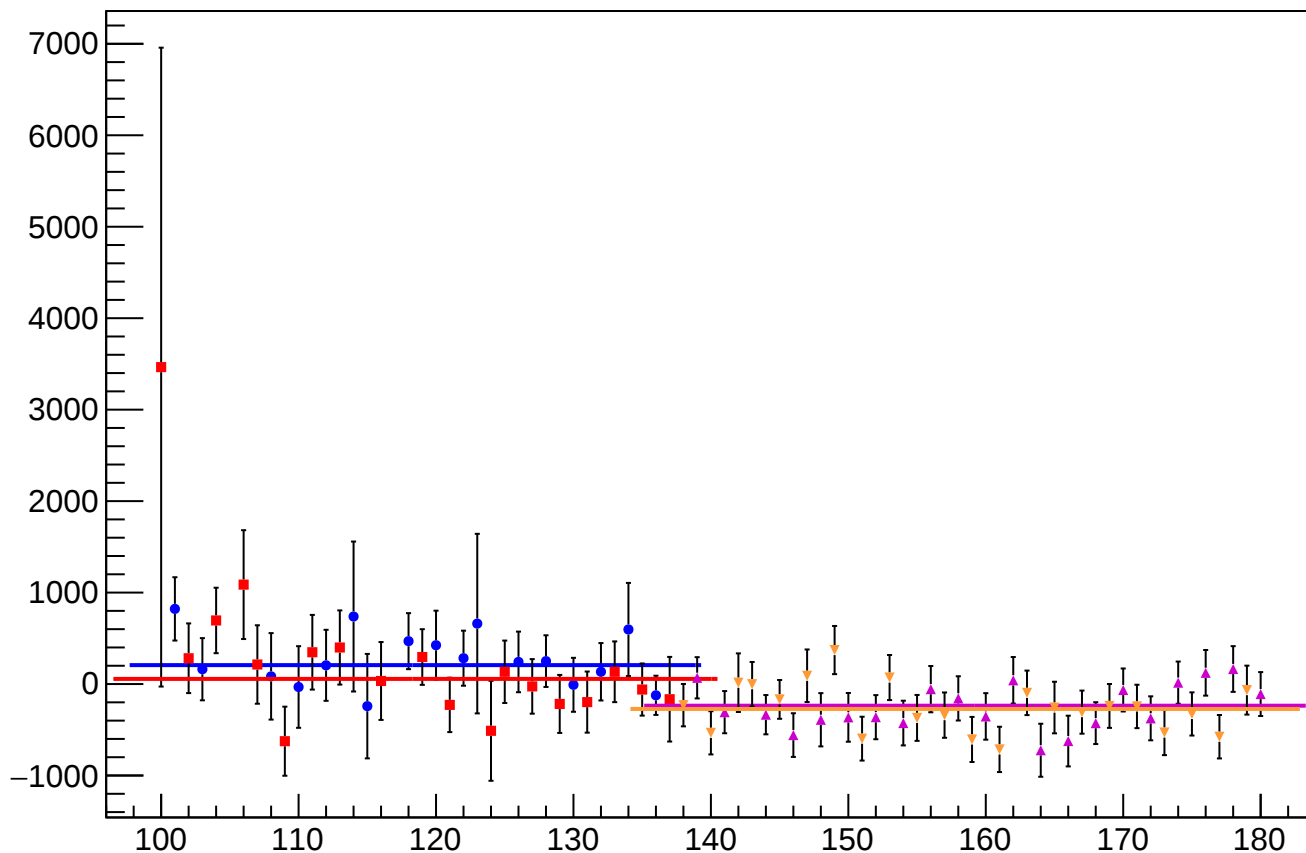
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 671.731 $\pm$ 0.100 χ^2 /NDF:1171407.3/37

Out: 671.151 $\pm$ 0.098 χ^2 /NDF:1018301.7/40

All: 671.437 $\pm$ 0.070 χ^2 /NDF: 2189726.1/78

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 χ^2/NDF : 9.5/16

Left Out: -272.308 ± 52.742 χ^2/NDF : 24.1/21

Right Out: 56.213 ± 85.167 χ^2/NDF : 16.6/18

Left In: -236.713 ± 53.545 χ^2/NDF : 19.8/20

Left: -254.779 ± 37.575 χ^2/NDF : 44.1/42

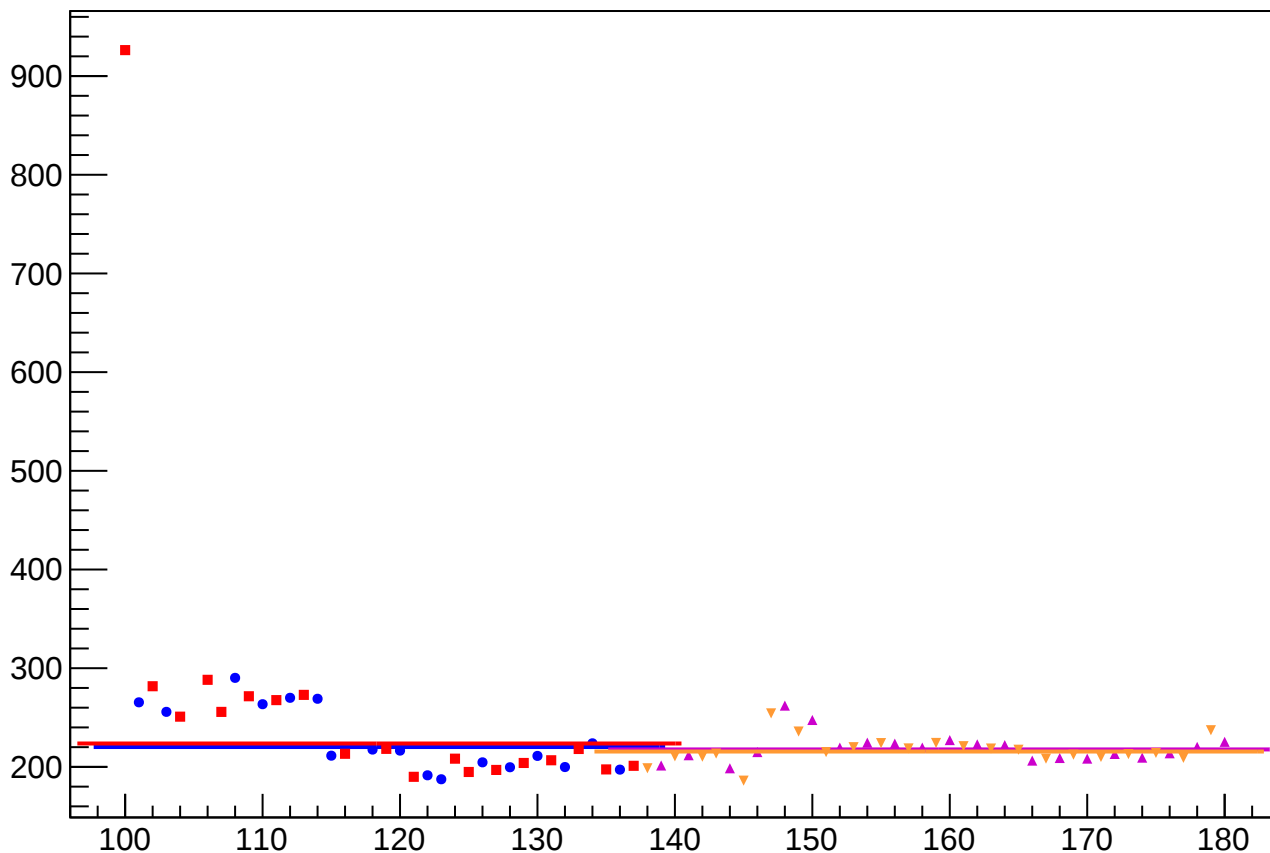
Right: 131.133 ± 60.386 χ^2/NDF : 27.7/35

In: -112.026 ± 45.400 χ^2/NDF : 48.6/37

Out: -181.242 ± 44.840 χ^2/NDF : 51.5/40

All: -147.063 ± 31.903 χ^2/NDF : 101.2/78

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: 215.583 $\pm$ 0.037 χ^2 /NDF: 124139.6/21

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 217.697 $\pm$ 0.038 χ^2 /NDF: 121810.7/20

Left: 216.624 $\pm$ 0.027 χ^2 /NDF: 247532.2/42

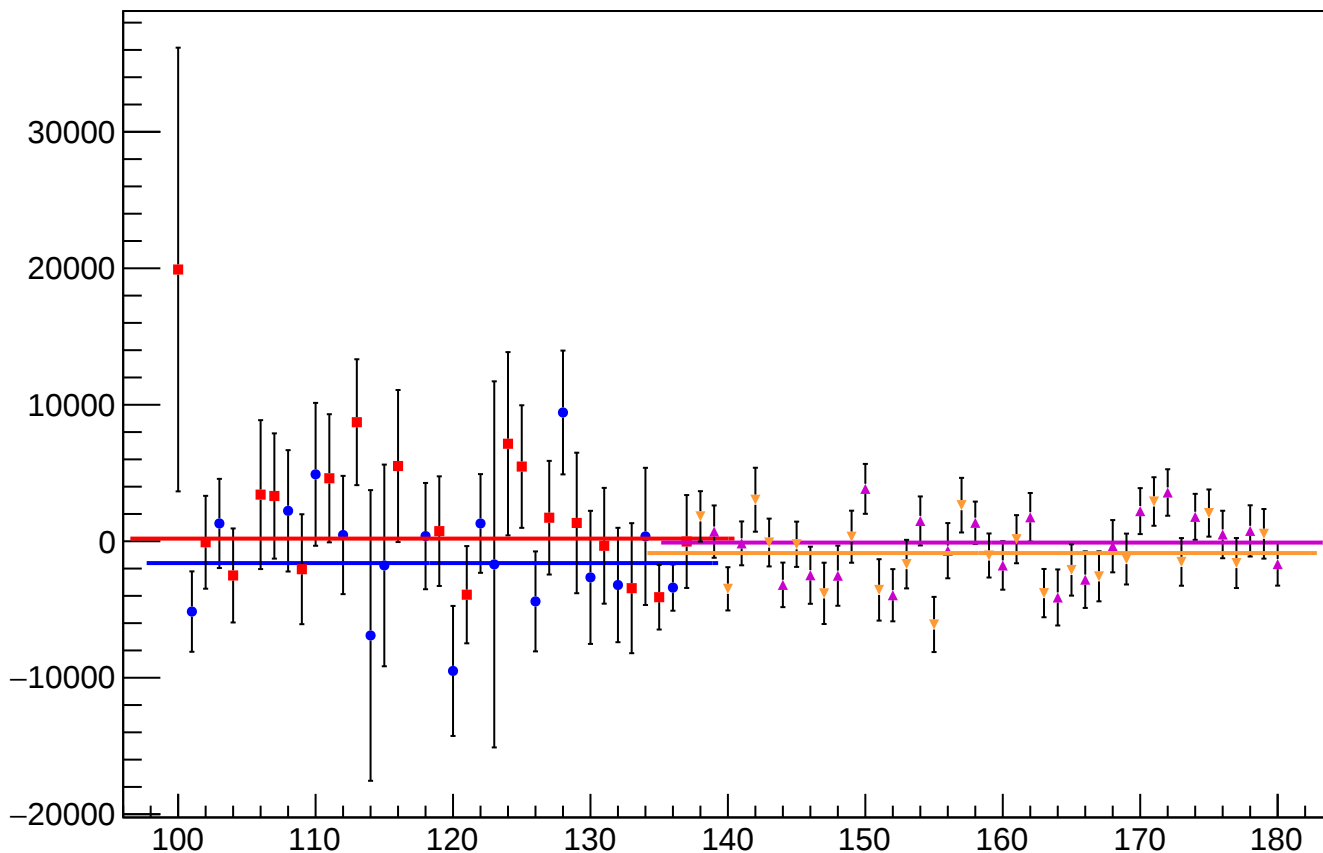
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 218.382 $\pm$ 0.032 χ^2 /NDF: 351417.7/37

Out: 217.835 $\pm$ 0.032 χ^2 /NDF: 490529.1/40

All: 218.105 $\pm$ 0.023 χ^2 /NDF: 842093.7/78

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2/NDF : 16.6/16

Left Out: -864.306 $\pm$ 391.624 χ^2/NDF : 34.3/21

Right Out: 194.970 $\pm$ 947.480 χ^2/NDF : 16.3/18

Left In: -96.446 $\pm$ 393.684 χ^2/NDF : 33.4/20

Left: -482.390 $\pm$ 277.646 χ^2/NDF : 69.6/42

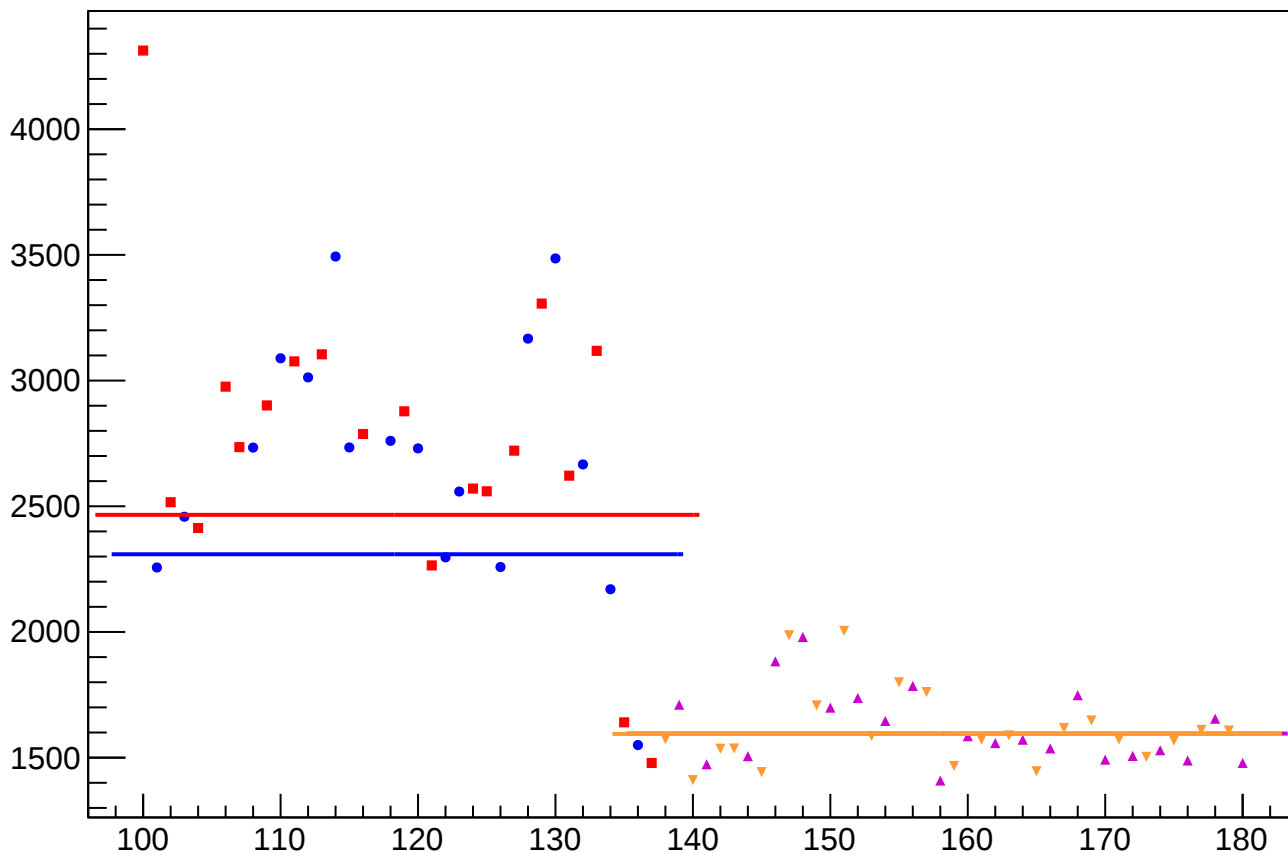
Right: -727.416 $\pm$ 660.424 χ^2/NDF : 34.8/35

In: -328.562 $\pm$ 362.002 χ^2/NDF : 52.3/37

Out: -709.742 $\pm$ 361.926 χ^2/NDF : 51.6/40

All: -519.192 $\pm$ 255.947 χ^2/NDF : 104.5/78

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: 1594.435 $\pm$ 0.277 χ^2 /NDF: 250350.2/21

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1595.785 $\pm$ 0.278 χ^2 /NDF: 240886.2/20

Left: 1595.107 $\pm$ 0.196 χ^2 /NDF: 491248.2/42

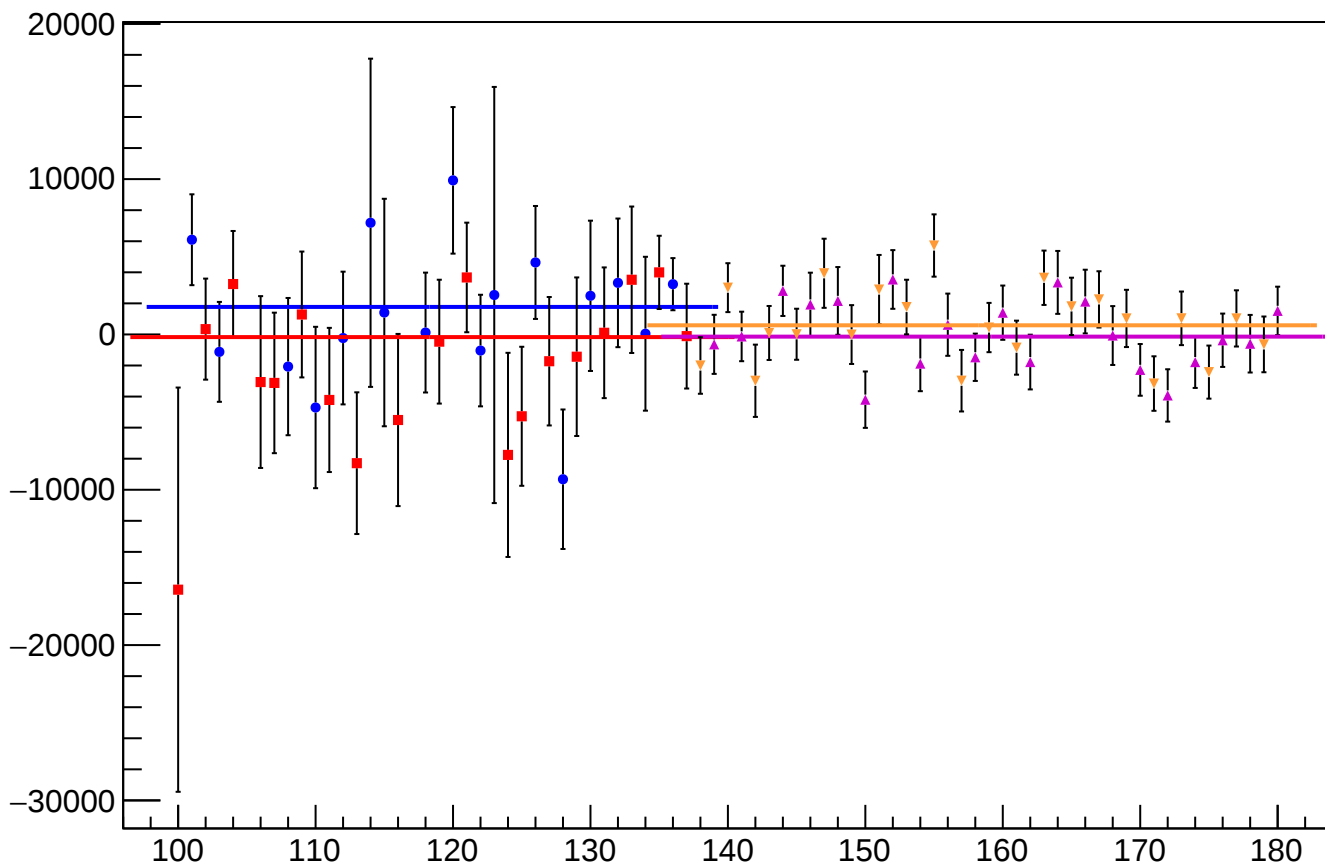
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1705.980 $\pm$ 0.256 χ^2 /NDF: 2055988.4/37

Out: 1721.595 $\pm$ 0.256 χ^2 /NDF: 2389509.9/40

All: 1713.789 $\pm$ 0.181 χ^2 /NDF: 4447359.2/78

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2 /NDF: 17.3/16

Left Out: 588.315 $\pm$ 387.281 χ^2 /NDF:34.0/21

Right Out: -170.902 $\pm$ 937.411 χ^2 /NDF: 16.0/18

Left In: -141.586 $\pm$ 388.991 χ^2 /NDF:30.9/20

Left: 224.972 $\pm$ 274.452 χ^2 /NDF: 66.7/42

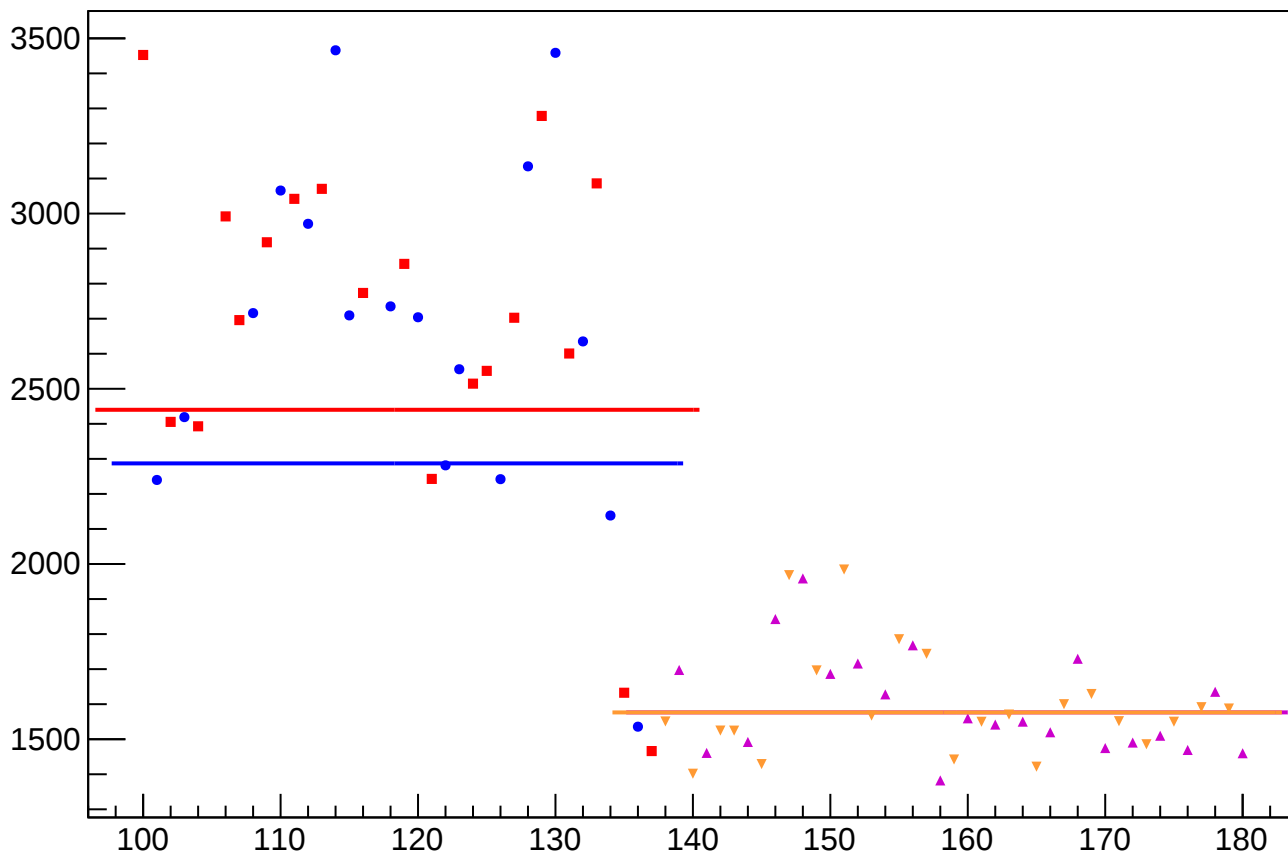
Right: 826.520 $\pm$ 653.801 χ^2 /NDF: 35.6/35

In: 152.666 $\pm$ 357.823 χ^2 /NDF:52.0/37

Out: 477.622 $\pm$ 357.937 χ^2 /NDF:50.6/40

All: 315.092 $\pm$ 253.059 χ^2 /NDF: 103.0/78

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1576.470+/-0.274 χ^2/NDF : 254461.1/21

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1576.581+/-0.275 χ^2/NDF : 242844.9/20

Left: 1576.525+/-0.194 χ^2/NDF : 497306.0/42

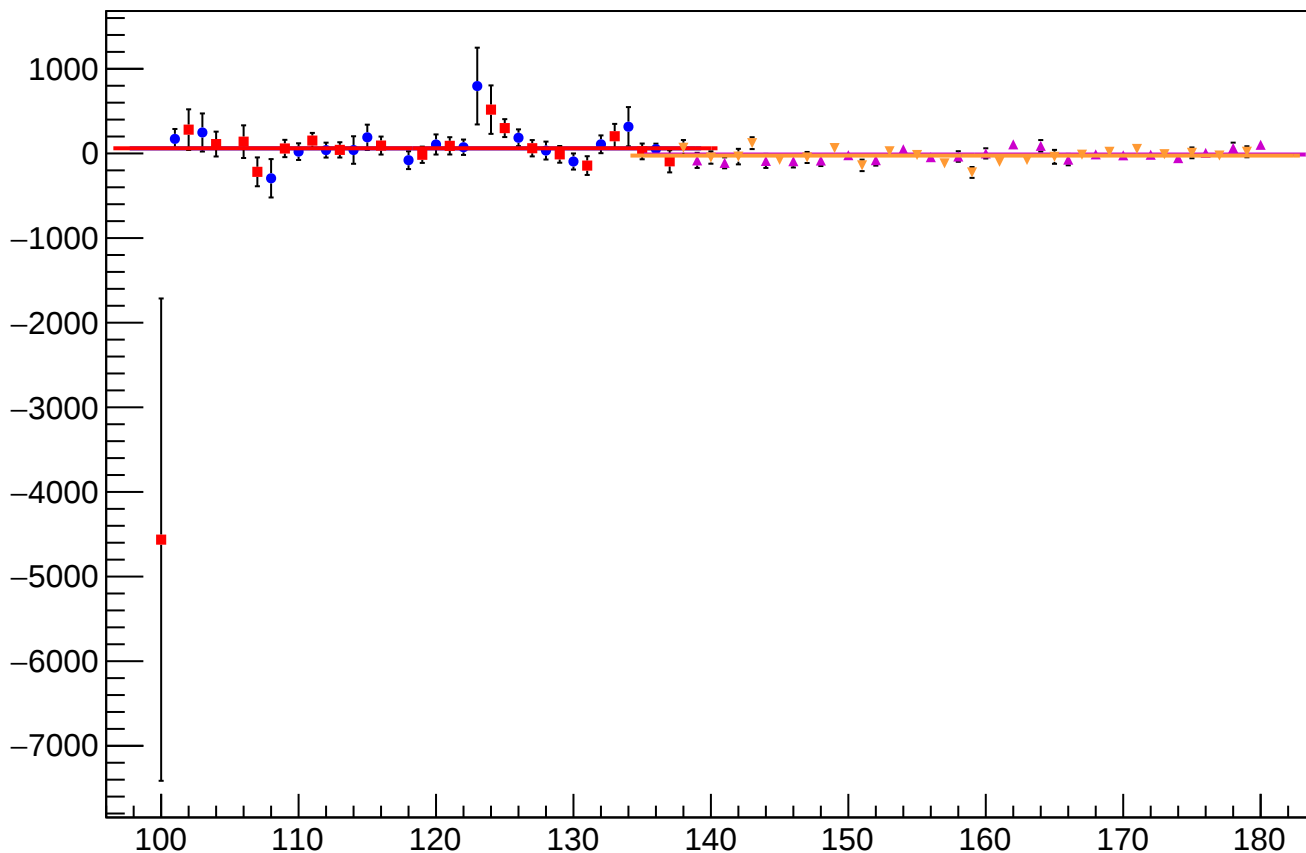
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1685.879+/-0.253 χ^2/NDF : 2068699.9/37

Out: 1702.381+/-0.253 χ^2/NDF : 2383520.2/40

All: 1694.127+/-0.179 χ^2/NDF : 4454346.3/78

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: -25.214+/-12.659 χ^2/NDF : 31.6/21

Right Out: 60.983+/-27.009 χ^2/NDF : 22.3/18

Left In: -12.734+/-12.861 χ^2/NDF : 23.1/20

Left: -19.073+/-9.022 χ^2/NDF : 55.2/42

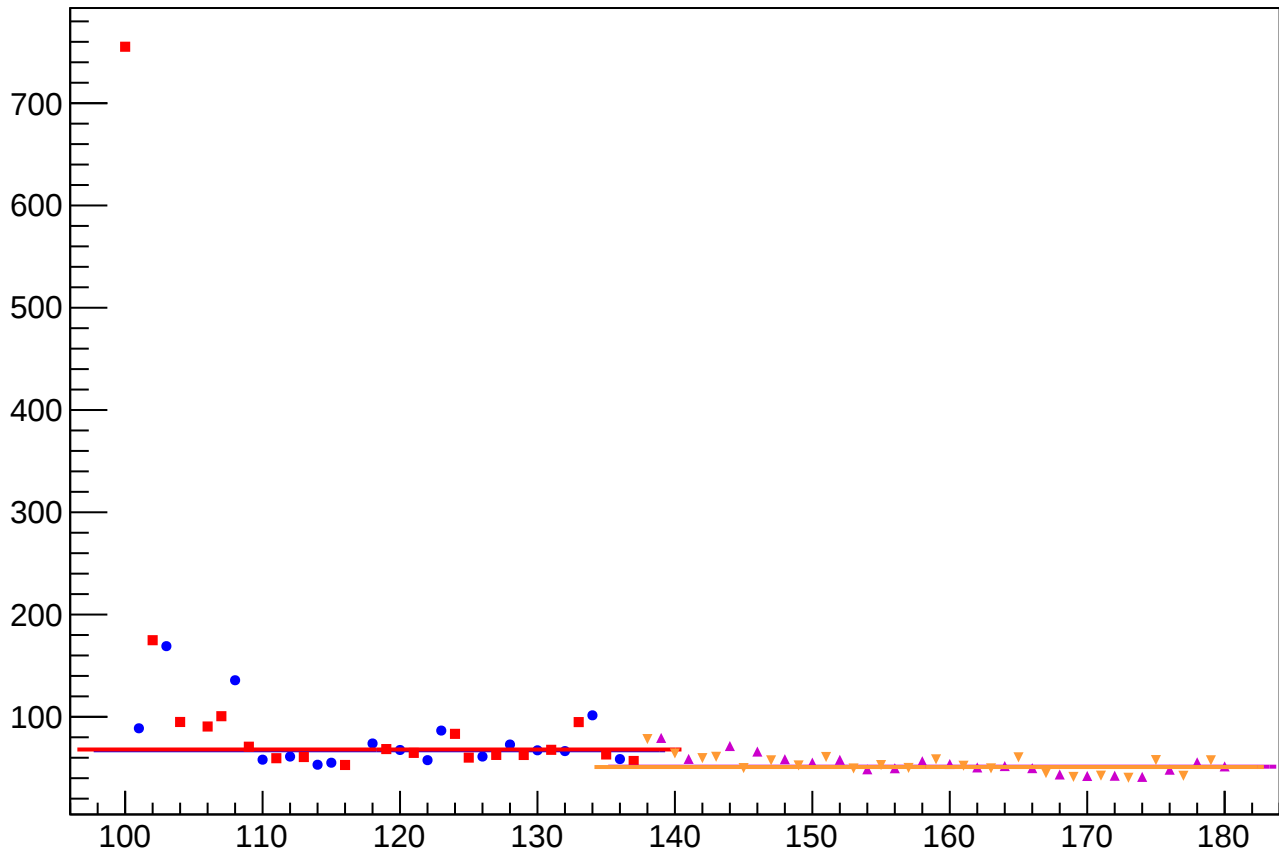
Right: 60.322+/-19.123 χ^2/NDF : 37.7/35

In: 0.590+/-11.618 χ^2/NDF : 44.3/37

Out: -9.689+/-11.463 χ^2/NDF : 62.3/40

All: -4.618+/-8.160 χ^2/NDF : 107.0/78

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 50.913 $\pm$ 0.009 χ^2 /NDF: 806730.5/21

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 51.263 $\pm$ 0.009 χ^2 /NDF: 805493.0/20

Left: 51.085 $\pm$ 0.006 χ^2 /NDF: 1612975.2/42

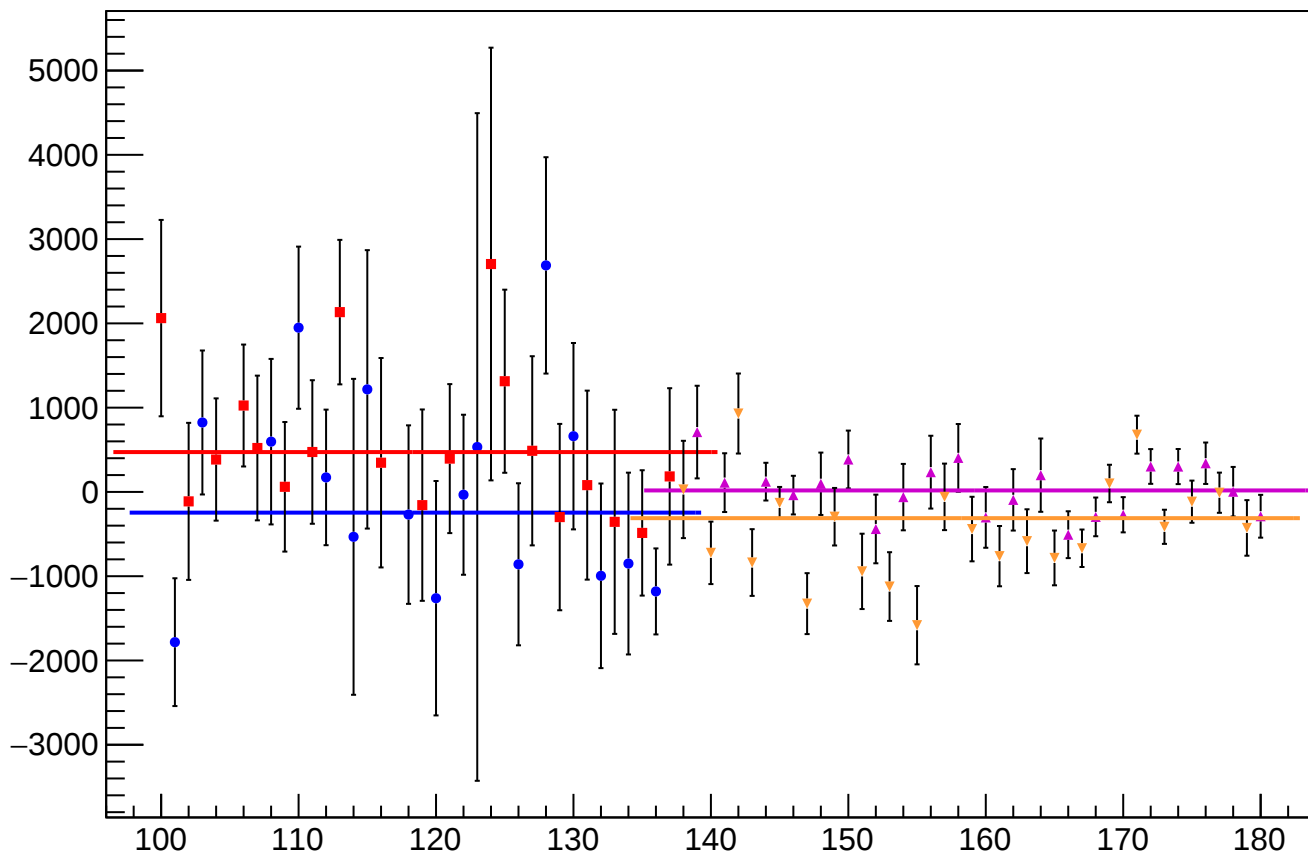
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 54.214 $\pm$ 0.008 χ^2 /NDF: 2218990.6/37

Out: 54.001 $\pm$ 0.008 χ^2 /NDF: 2338251.0/40

All: 54.106 $\pm$ 0.006 χ^2 /NDF: 4557580.9/78

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -311.238 ± 63.809 χ^2/NDF : 65.1/21

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 17.753 ± 62.517 χ^2/NDF : 20.9/20

Left: -143.379 ± 44.656 χ^2/NDF : 99.6/42

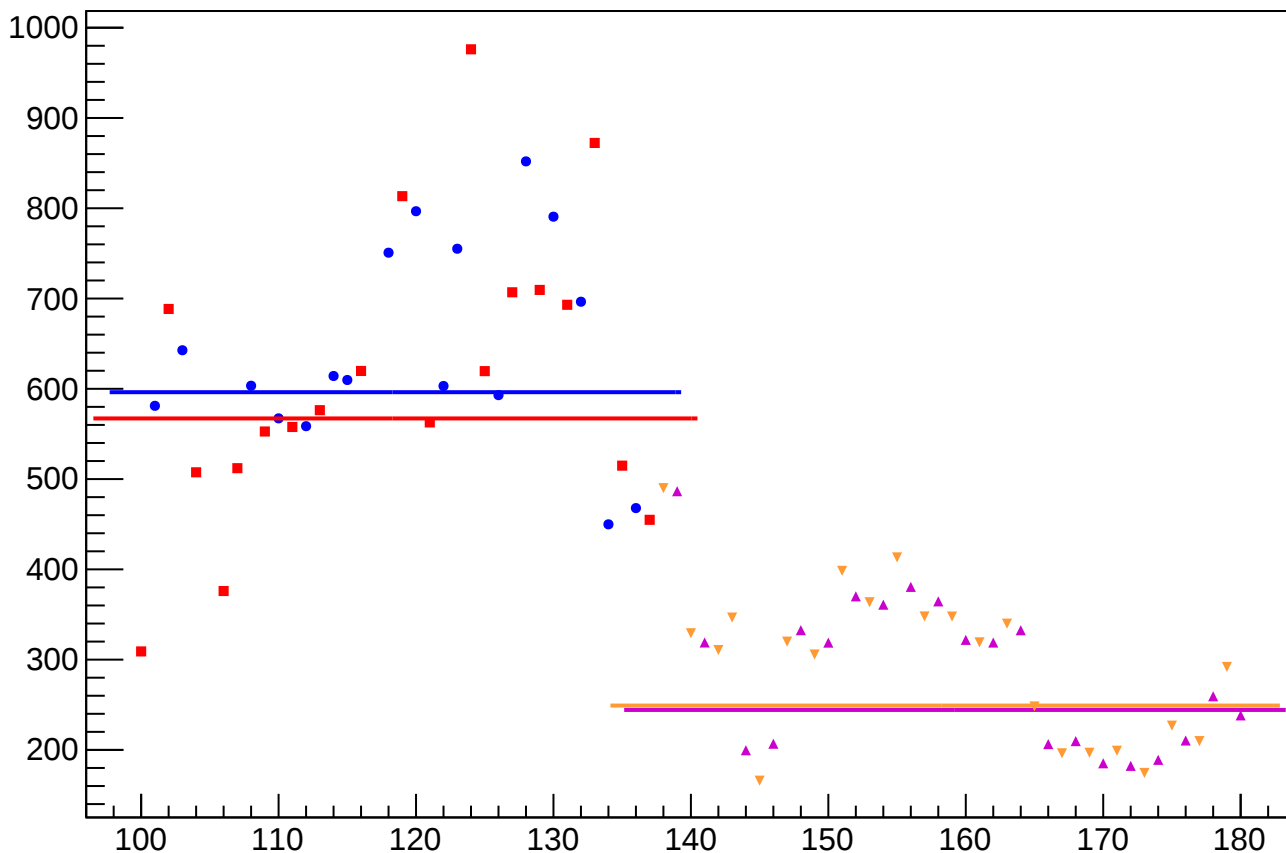
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: 0.401 ± 60.423 χ^2/NDF : 45.9/37

Out: -249.791 ± 61.258 χ^2/NDF : 88.3/40

All: -122.979 ± 43.017 χ^2/NDF : 142.6/78

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 249.137+/-0.045 χ^2/NDF : 2889888.3/21

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 244.269+/-0.044 χ^2/NDF : 2433739.9/20

Left: 246.653+/-0.032 χ^2/NDF : 5329565.6/42

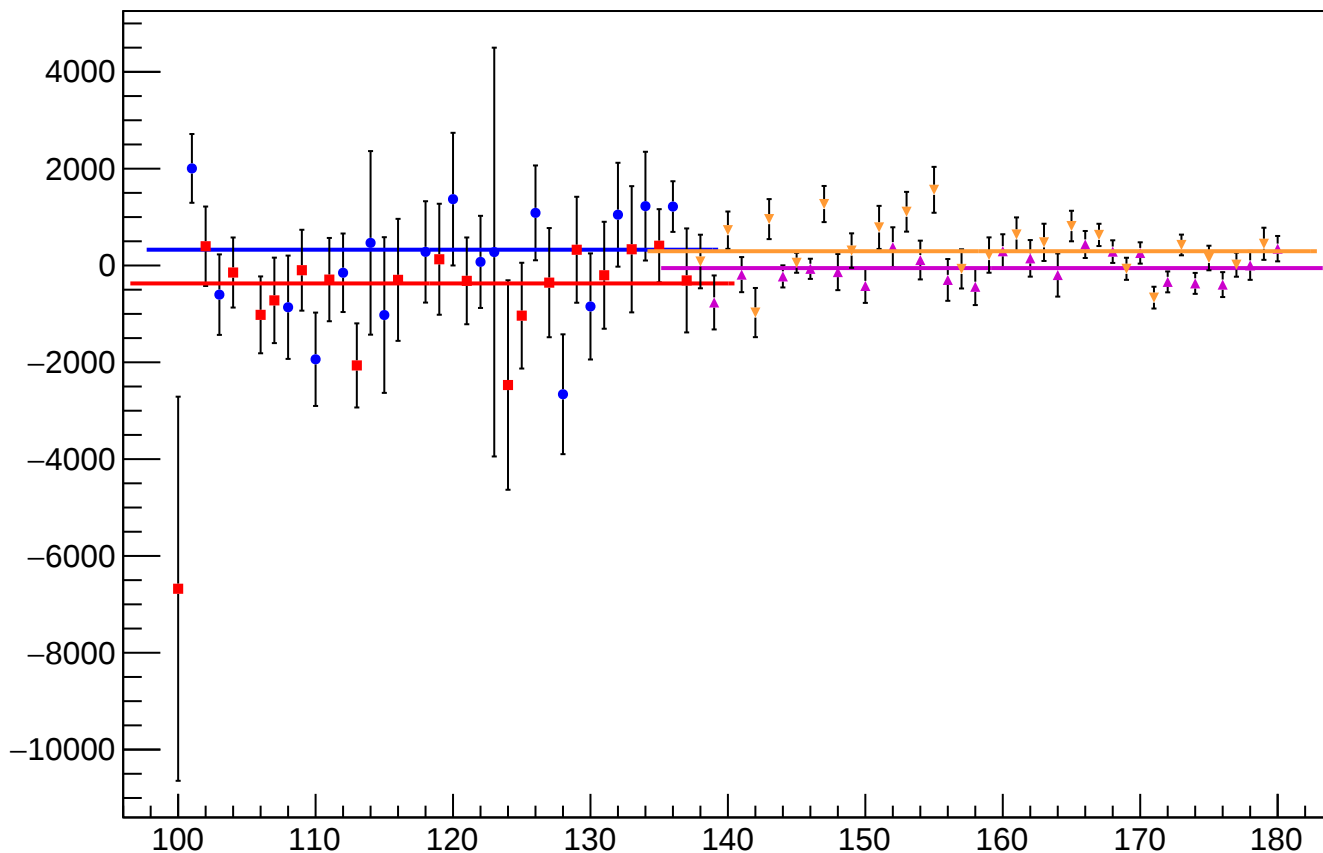
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 267.459+/-0.043 χ^2/NDF : 7032562.6/37

Out: 274.061+/-0.043 χ^2/NDF : 7459004.0/40

All: 270.714+/-0.030 χ^2/NDF : 14503340.7/78

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 294.834+/-65.530 χ^2/NDF :60.5/21

Right Out: -370.721+/-224.892 χ^2/NDF : 11.5/18

Left In: -53.752+/-63.448 χ^2/NDF :22.7/20

Left: 114.915+/-45.583 χ^2/NDF : 97.7/42

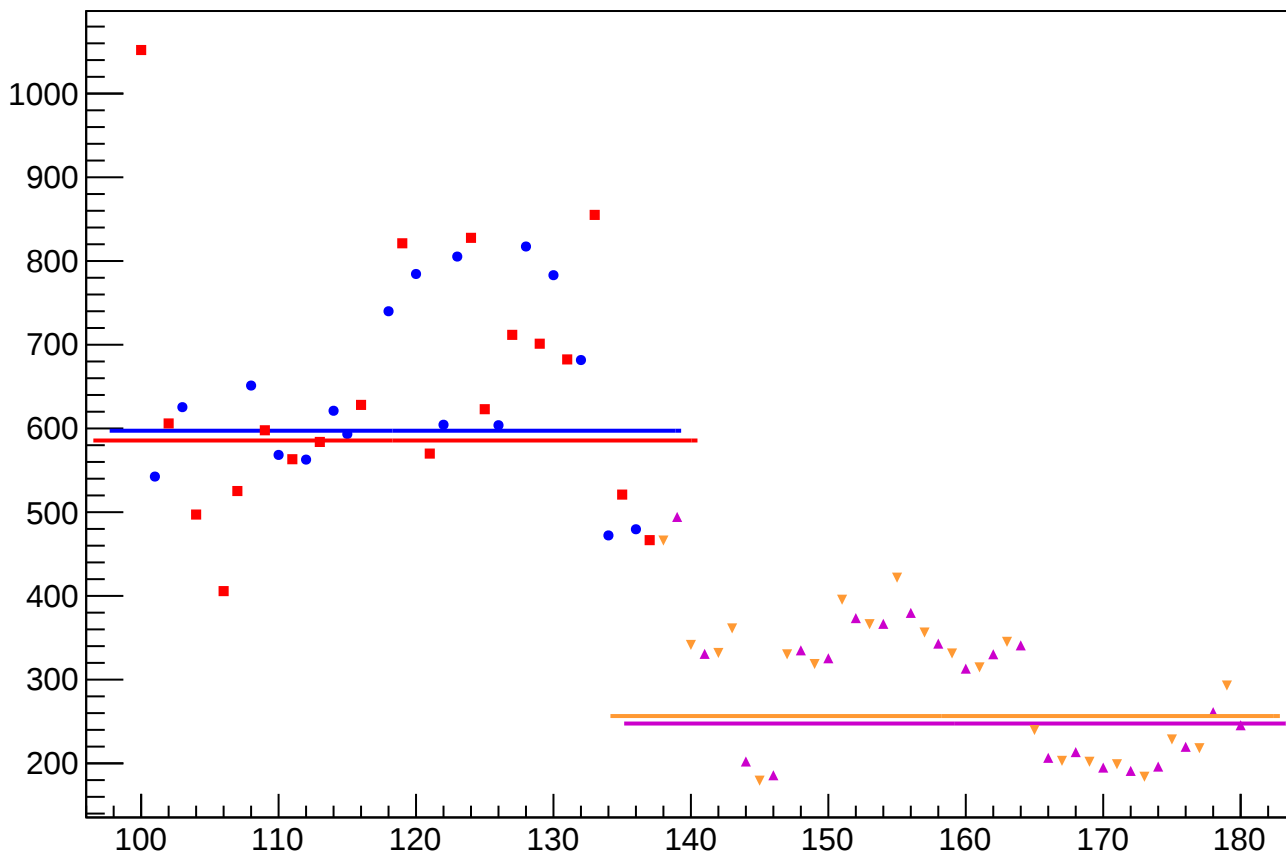
Right: -38.515+/-162.676 χ^2/NDF : 43.0/35

In: -28.068+/-61.265 χ^2/NDF :52.0/37

Out: 242.748+/-62.913 χ^2/NDF :80.1/40

All: 103.746+/-43.892 χ^2/NDF : 141.5/78

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 256.497 $\pm$ 0.046 χ^2 /NDF: 2608940.4/21

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 247.559 $\pm$ 0.045 χ^2 /NDF: 2370452.9/20

Left: 251.884 $\pm$ 0.032 χ^2 /NDF: 4998599.3/42

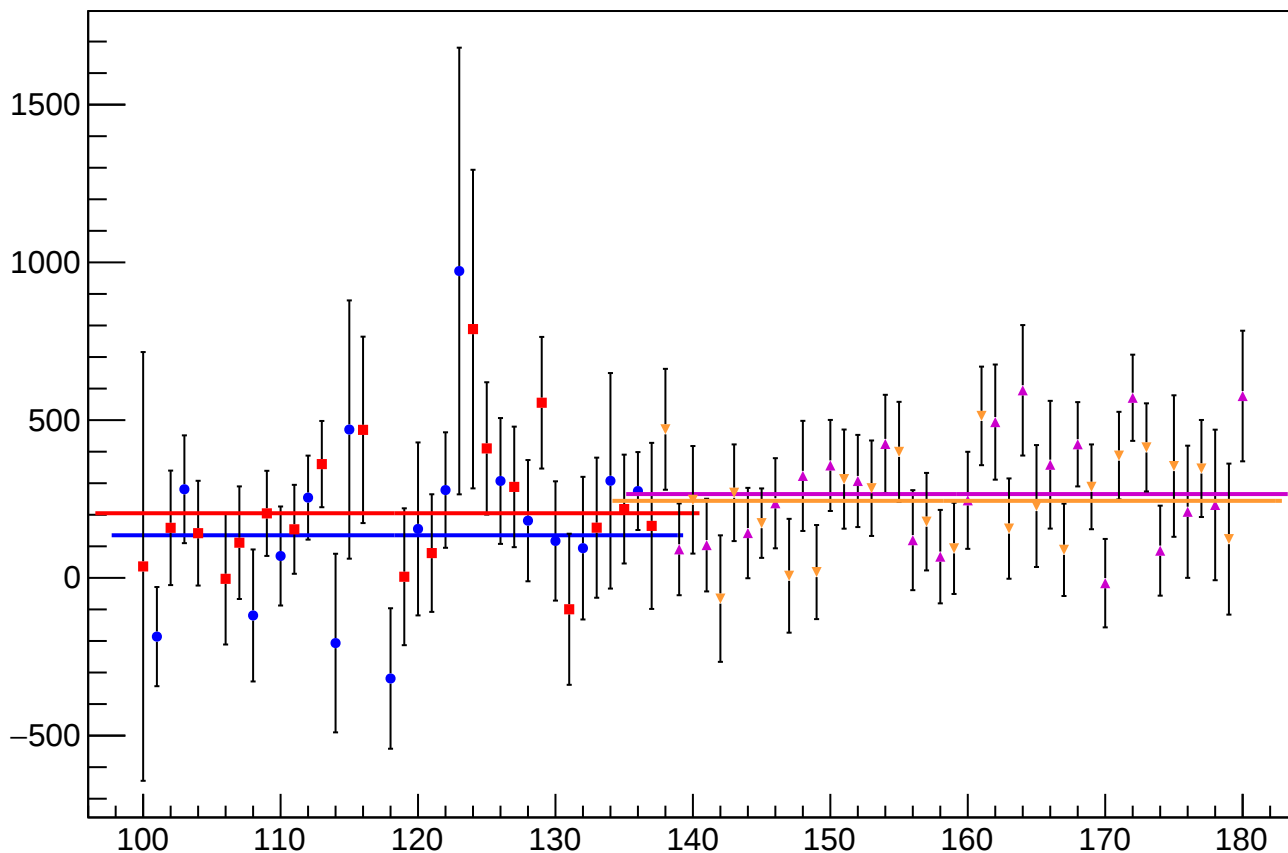
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 271.208 $\pm$ 0.043 χ^2 /NDF: 6843370.2/37

Out: 282.254 $\pm$ 0.044 χ^2 /NDF: 7031706.3/40

All: 276.584 $\pm$ 0.031 χ^2 /NDF: 13906719.3/78

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: 244.165 $\pm$ 33.463 χ^2/NDF : 18.7/21

Right Out: 204.866 $\pm$ 44.440 χ^2/NDF : 12.1/18

Left In: 265.640 $\pm$ 34.522 χ^2/NDF : 26.4/20

Left: 254.568 $\pm$ 24.028 χ^2/NDF : 45.3/42

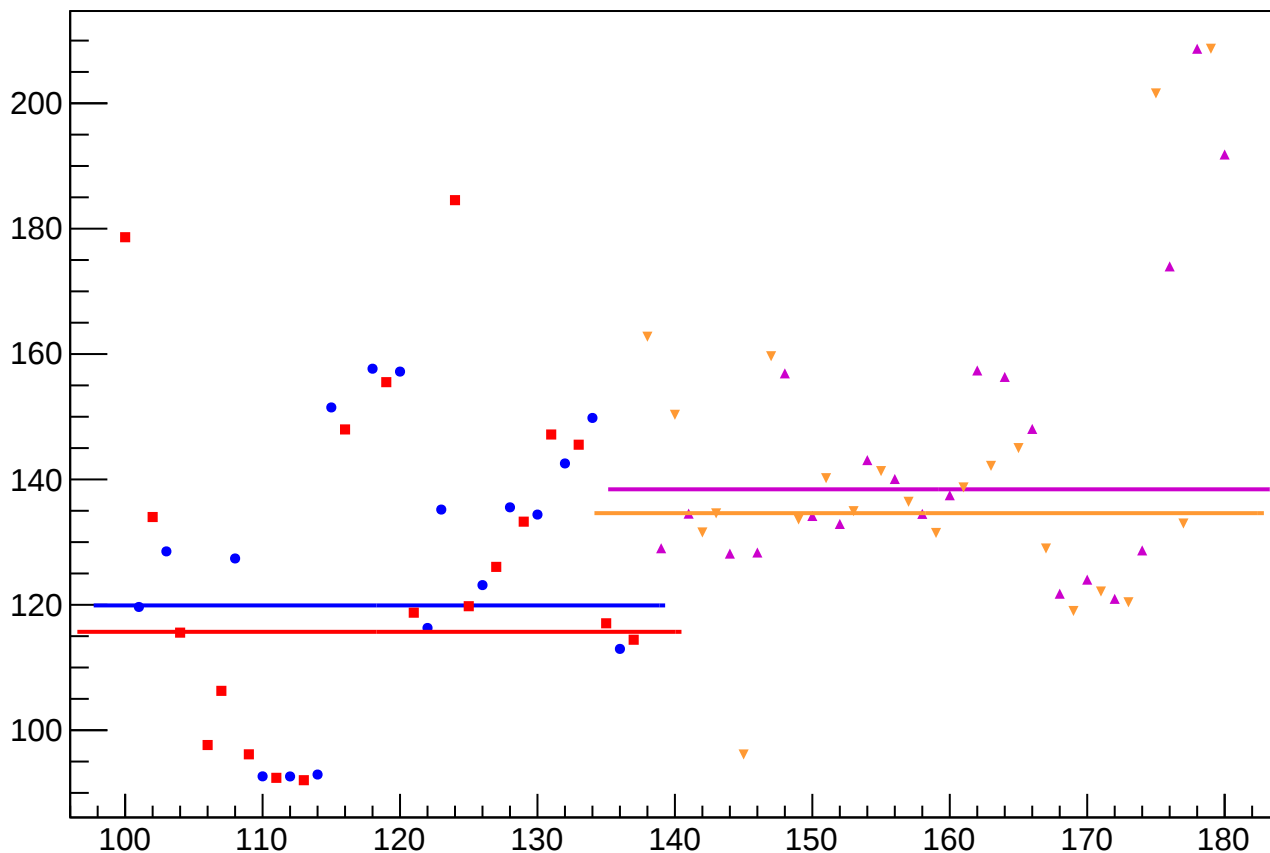
Right: 171.919 $\pm$ 32.299 χ^2/NDF : 31.3/35

In: 219.899 $\pm$ 27.828 χ^2/NDF : 49.5/37

Out: 229.945 $\pm$ 26.732 χ^2/NDF : 31.3/40

All: 225.124 $\pm$ 19.278 χ^2/NDF : 80.9/78

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: 134.622 $\pm$ 0.024 χ^2 /NDF: 799656.9/21

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 138.424 $\pm$ 0.024 χ^2 /NDF: 560100.1/20

Left: 136.464 $\pm$ 0.017 χ^2 /NDF: 1372265.6/42

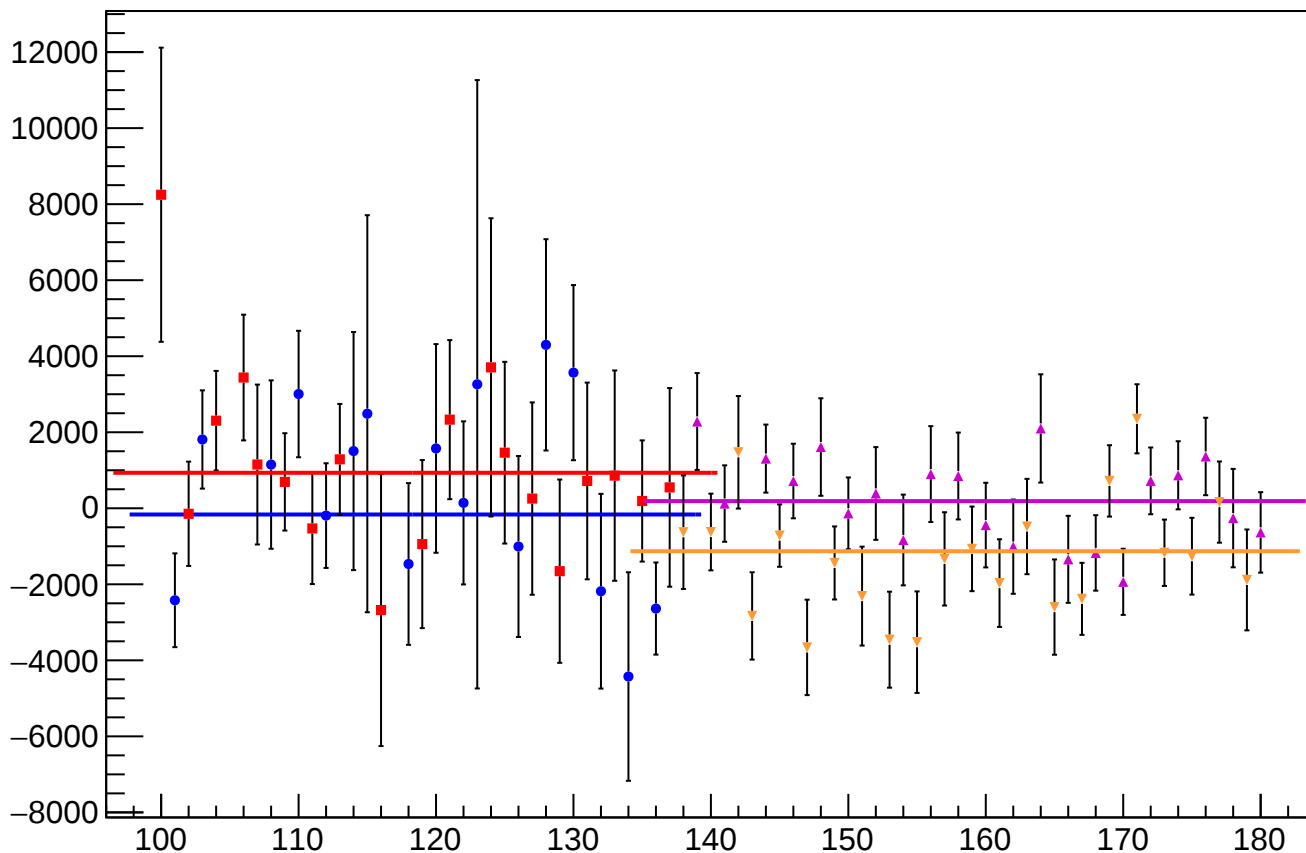
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 131.938 $\pm$ 0.020 χ^2 /NDF: 1107196.4/37

Out: 127.773 $\pm$ 0.019 χ^2 /NDF: 1466559.5/40

All: 129.772 $\pm$ 0.014 χ^2 /NDF: 2597059.9/78

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 ± 469.592 $\chi^2/\text{NDF}: 23.7/16$

Left Out: -1129.970 ± 233.618 $\chi^2/\text{NDF}: 41.8/21$

Right Out: 933.992 ± 437.648 $\chi^2/\text{NDF}: 12.9/18$

Left In: 188.688 ± 232.882 $\chi^2/\text{NDF}: 23.0/20$

Left: -468.562 ± 164.932 $\chi^2/\text{NDF}: 80.8/42$

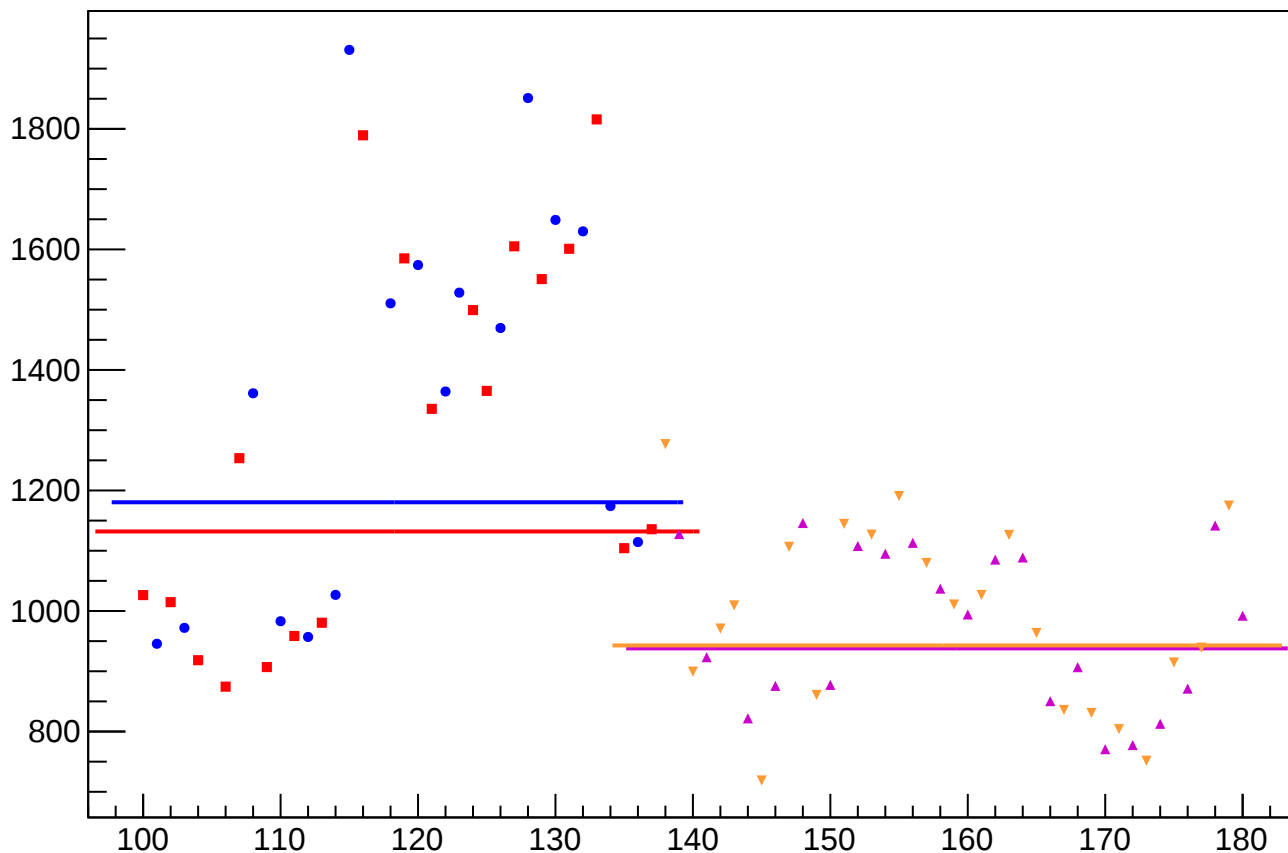
Right: 423.822 ± 320.162 $\chi^2/\text{NDF}: 39.5/35$

In: 119.161 ± 208.635 $\chi^2/\text{NDF}: 47.2/37$

Out: -672.273 ± 206.093 $\chi^2/\text{NDF}: 72.0/40$

All: -281.407 ± 146.620 $\chi^2/\text{NDF}: 126.5/78$

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 942.862+/-0.165 χ^2/NDF : 814162.5/21

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 937.958+/-0.165 χ^2/NDF : 587158.6/20

Left: 940.402+/-0.117 χ^2/NDF : 1401763.2/42

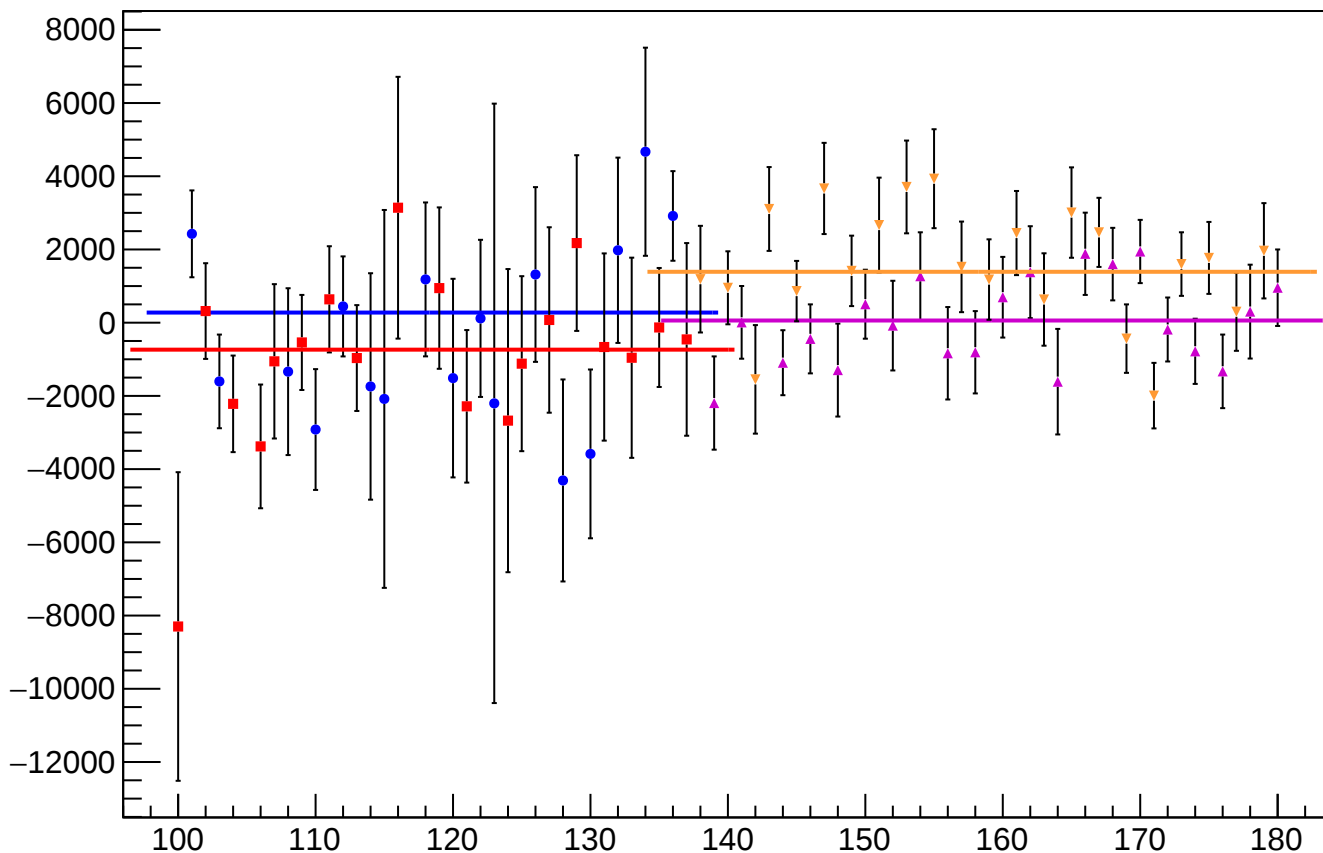
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 985.815+/-0.148 χ^2/NDF : 1683880.3/37

Out: 984.800+/-0.146 χ^2/NDF : 1866704.5/40

All: 985.301+/-0.104 χ^2/NDF : 3550608.8/78

asym_sam_48_dd_mean vs Slug, Sign Corrected



Left: 721.232 ± 163.841 $\chi^2/\text{NDF}: 83.1/42$

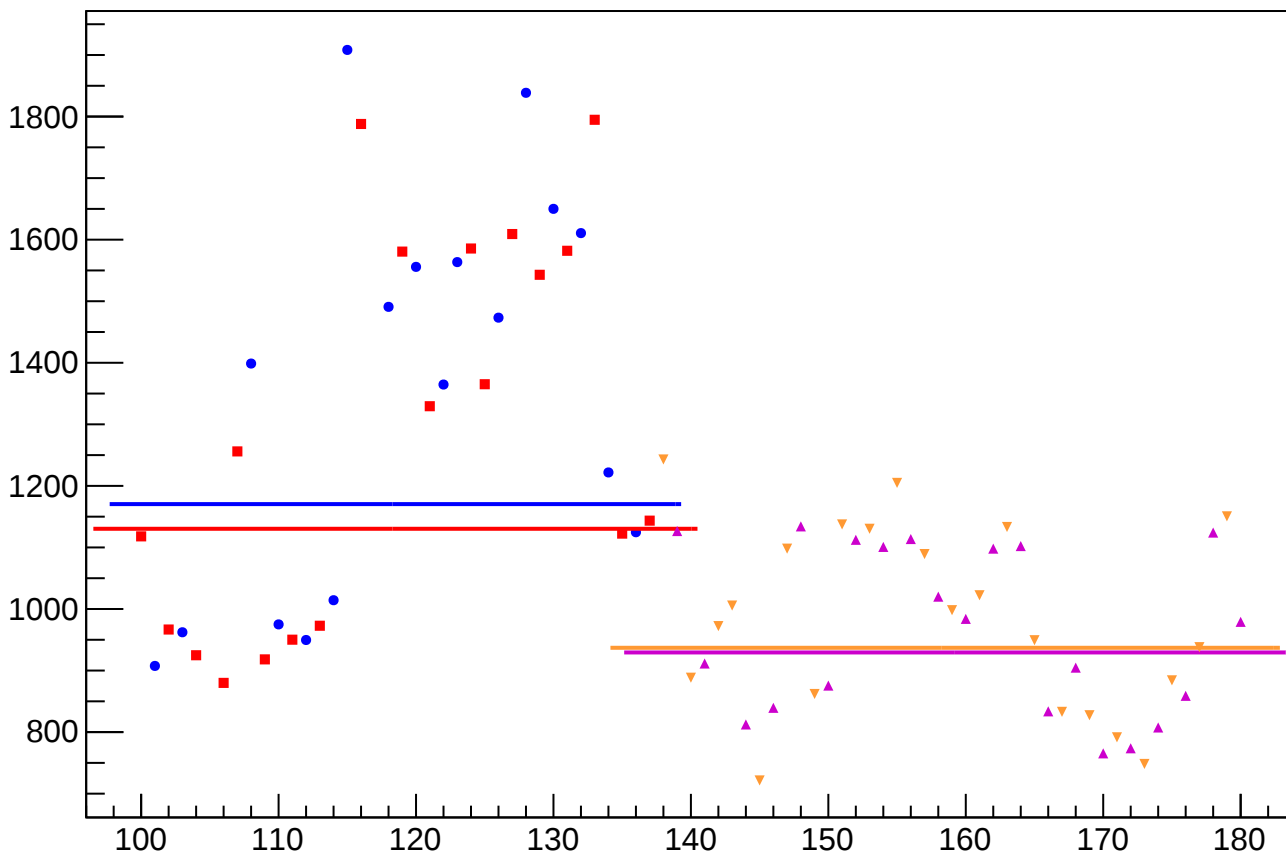
Right: -262.610 ± 319.075 $\chi^2/\text{NDF}: 39.7/35$

In: 102.234 ± 207.055 $\chi^2/\text{NDF}: 49.3/37$

Out: 922.280 ± 205.198 $\chi^2/\text{NDF}: 73.1/40$

All: 515.950 ± 145.749 $\chi^2/\text{NDF}: 130.3/78$

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 936.989 $\pm$ 0.164 χ^2 /NDF: 811374.1/21

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 929.399 $\pm$ 0.163 χ^2 /NDF: 620304.4/20

Left: 933.173 $\pm$ 0.116 χ^2 /NDF: 1432751.4/42

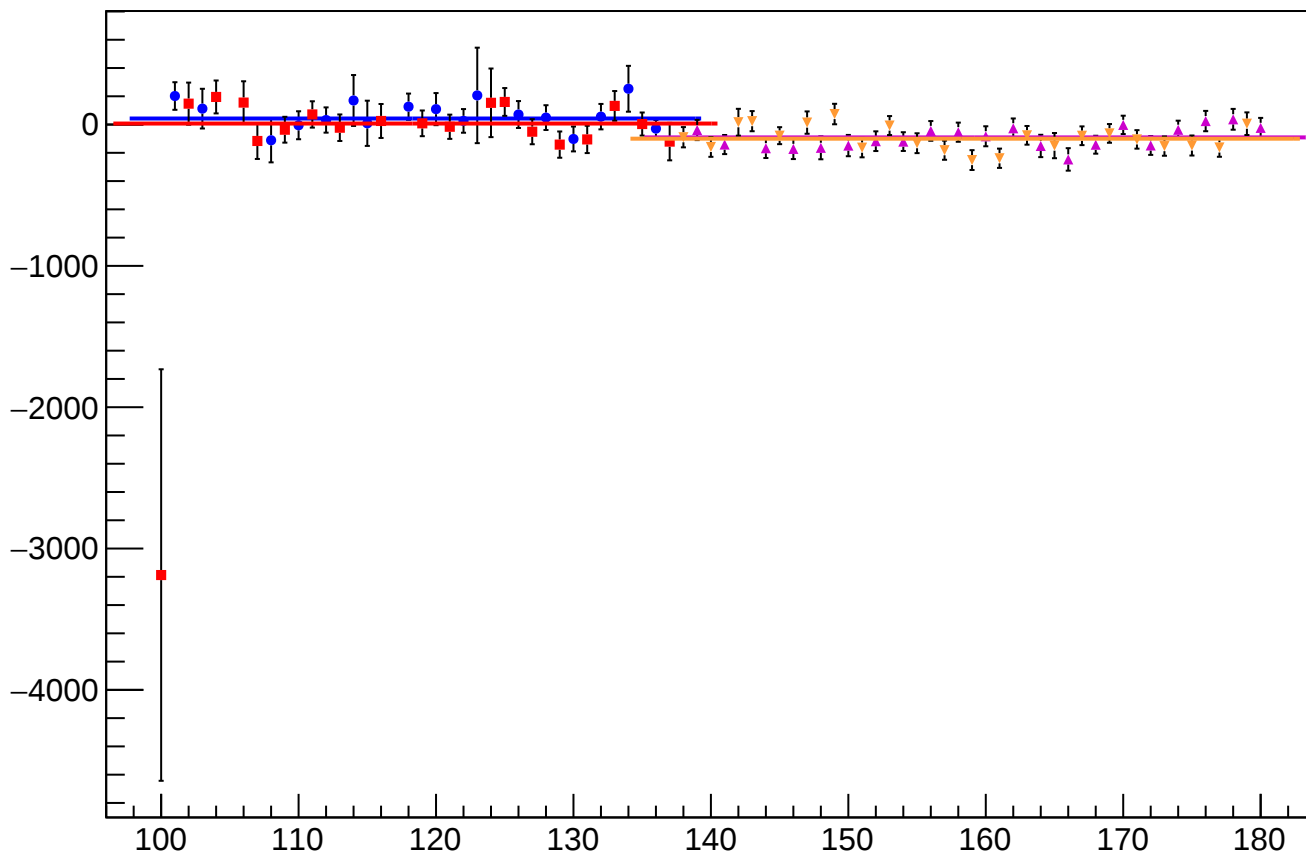
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 976.893 $\pm$ 0.146 χ^2 /NDF: 1754537.7/37

Out: 979.529 $\pm$ 0.145 χ^2 /NDF: 1879112.8/40

All: 978.223 $\pm$ 0.103 χ^2 /NDF: 3633814.1/78

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: -100.030 ± 14.986 $\chi^2/\text{NDF}: 31.0/21$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -90.917 ± 15.329 $\chi^2/\text{NDF}: 21.9/20$

Left: -95.577 ± 10.716 $\chi^2/\text{NDF}: 53.1/42$

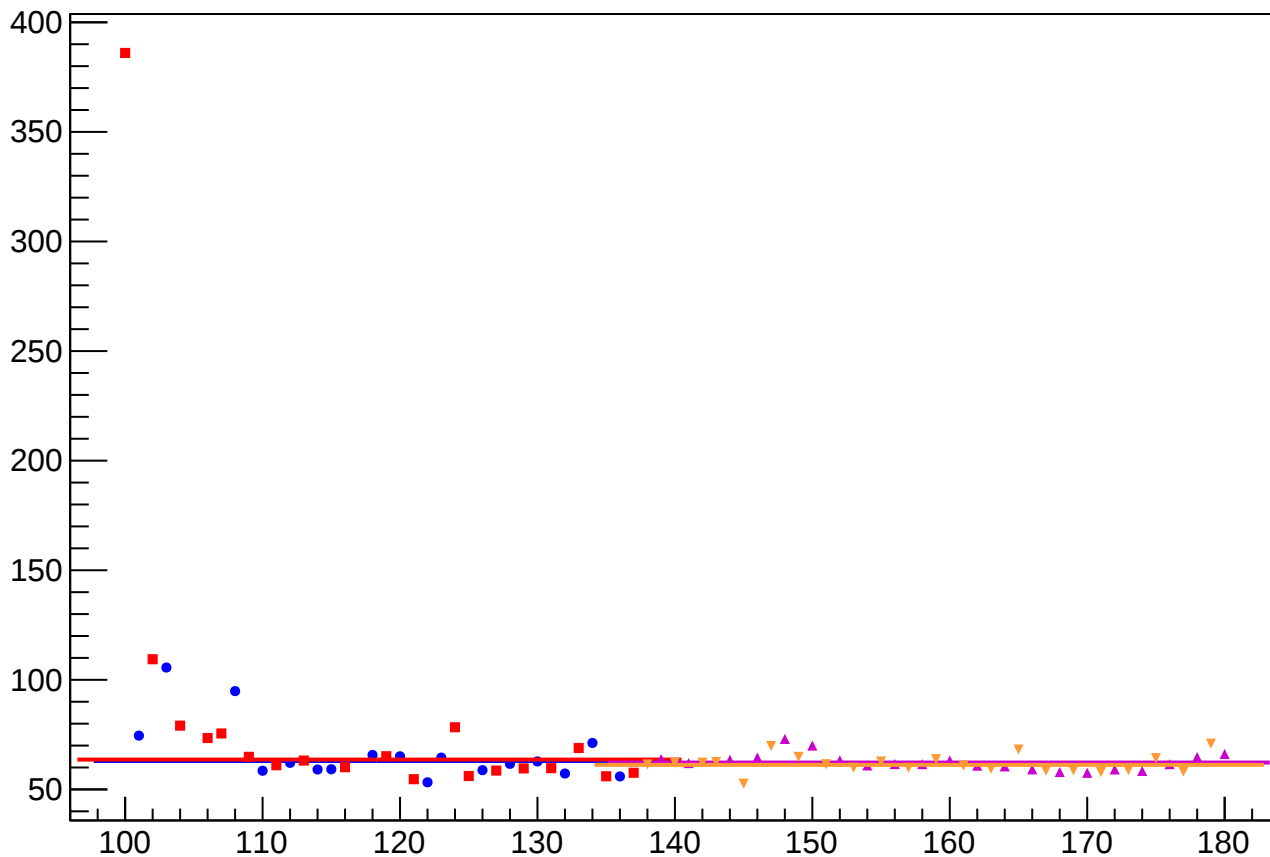
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -53.775 ± 13.025 $\chi^2/\text{NDF}: 55.0/37$

Out: -70.845 ± 12.782 $\chi^2/\text{NDF}: 65.5/40$

All: -62.470 ± 9.123 $\chi^2/\text{NDF}: 121.4/78$

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: 61.192 $\pm$ 0.011 χ^2 /NDF: 140891.8/21

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.258 $\pm$ 0.011 χ^2 /NDF: 106685.2/20

Left: 61.713 $\pm$ 0.008 χ^2 /NDF: 252524.4/42

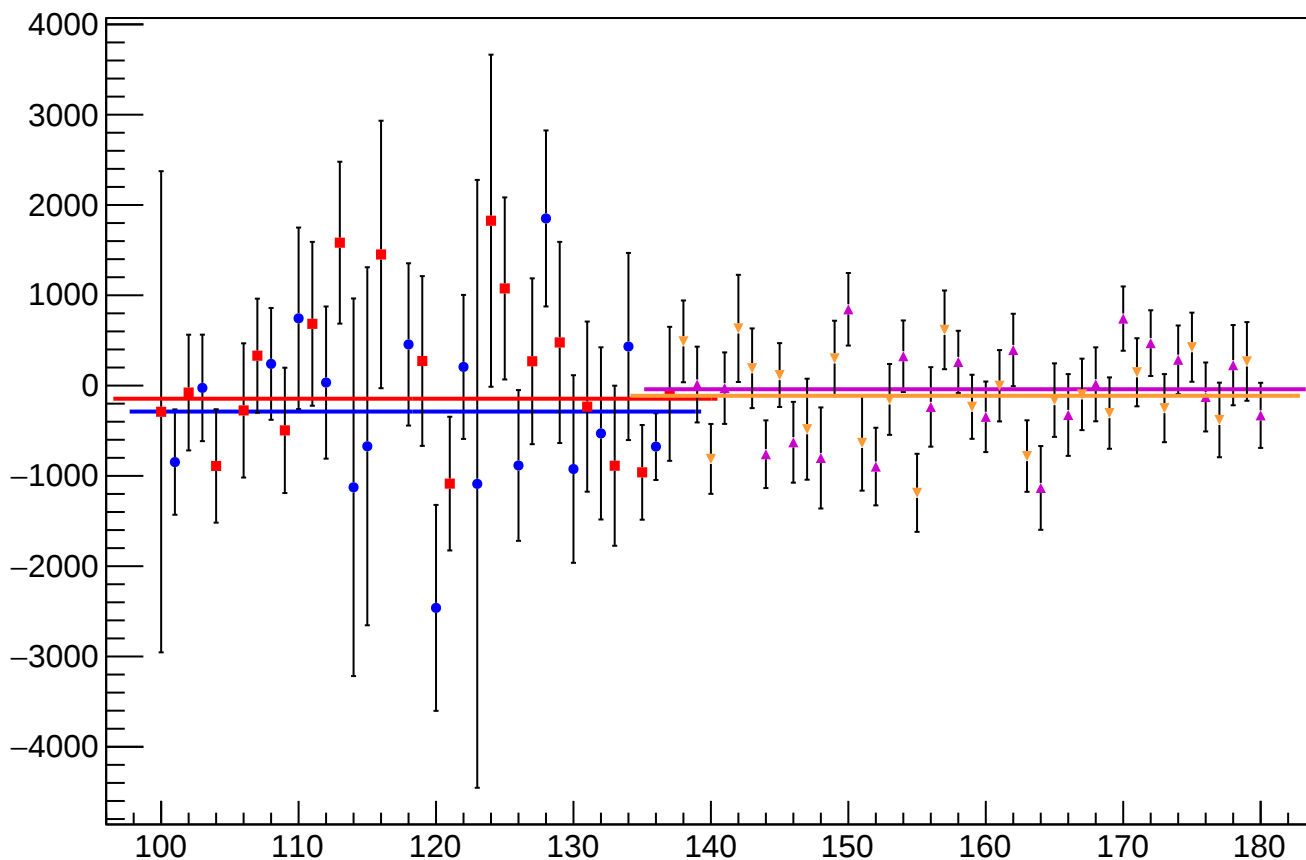
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.459 $\pm$ 0.009 χ^2 /NDF: 483182.3/37

Out: 61.852 $\pm$ 0.009 χ^2 /NDF: 588669.0/40

All: 62.150 $\pm$ 0.006 χ^2 /NDF: 1074065.4/78

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -112.944 ± 88.138 $\chi^2/\text{NDF}: 26.0/21$

Right Out: -145.341 ± 187.312 $\chi^2/\text{NDF}: 16.1/18$

Left In: -40.464 ± 87.980 $\chi^2/\text{NDF}: 34.3/20$

Left: -76.639 ± 62.267 $\chi^2/\text{NDF}: 60.6/42$

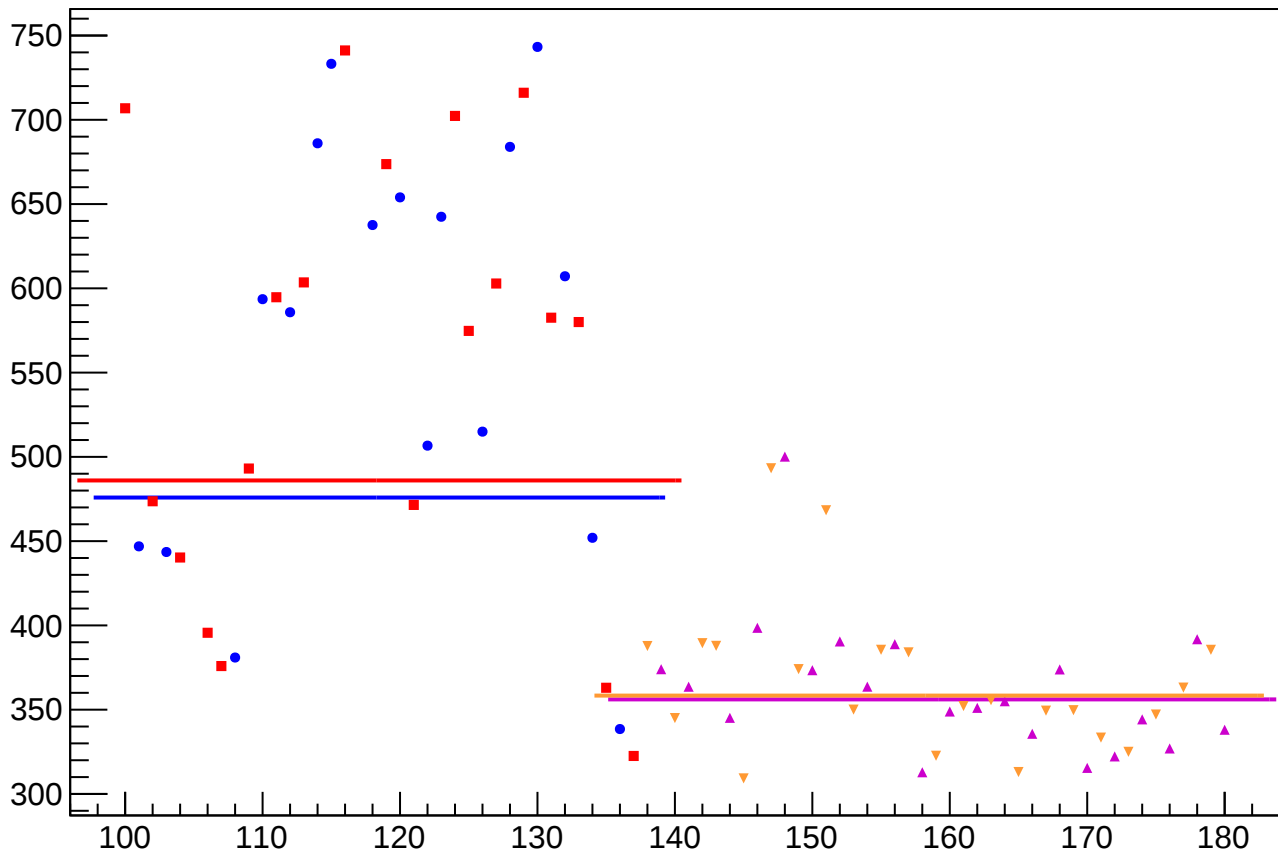
Right: -215.540 ± 133.351 $\chi^2/\text{NDF}: 31.7/35$

In: -84.155 ± 79.828 $\chi^2/\text{NDF}: 51.0/37$

Out: -118.817 ± 79.751 $\chi^2/\text{NDF}: 42.0/40$

All: -101.503 ± 56.420 $\chi^2/\text{NDF}: 93.1/78$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 358.359+/-0.062 χ^2/NDF : 367080.1/21

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 356.096+/-0.062 χ^2/NDF : 300017.3/20

Left: 357.225+/-0.044 χ^2/NDF : 667757.8/42

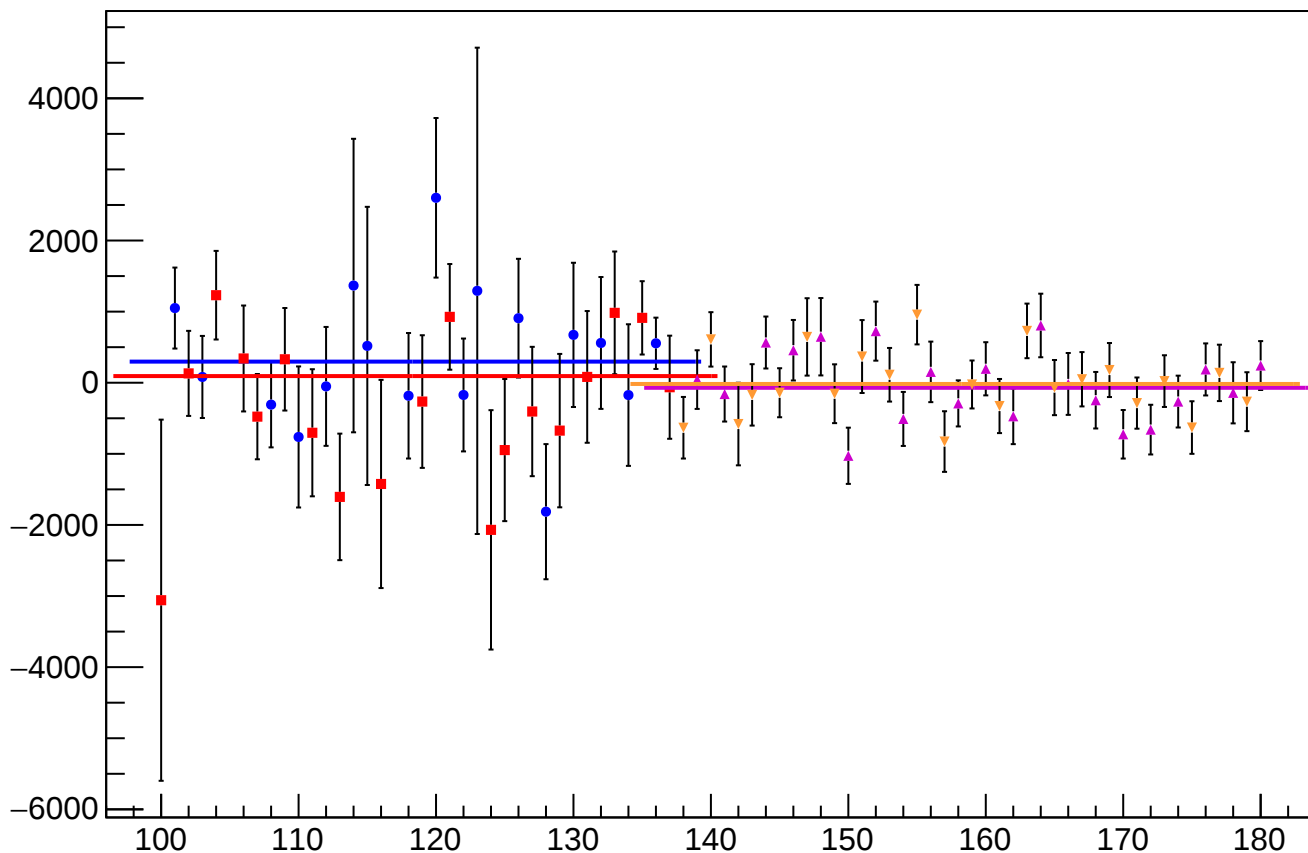
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 377.264+/-0.056 χ^2/NDF : 1792927.7/37

Out: 381.499+/-0.056 χ^2/NDF : 1857689.7/40

All: 379.383+/-0.040 χ^2/NDF : 3653434.6/78

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 $\chi^2/\text{NDF}: 15.9/16$

Left Out: -17.327 ± 85.166 $\chi^2/\text{NDF}: 25.8/21$

Right Out: 93.523 ± 183.916 $\chi^2/\text{NDF}: 20.1/18$

Left In: -71.257 ± 84.810 $\chi^2/\text{NDF}: 31.8/20$

Left: -44.405 ± 60.095 $\chi^2/\text{NDF}: 57.8/42$

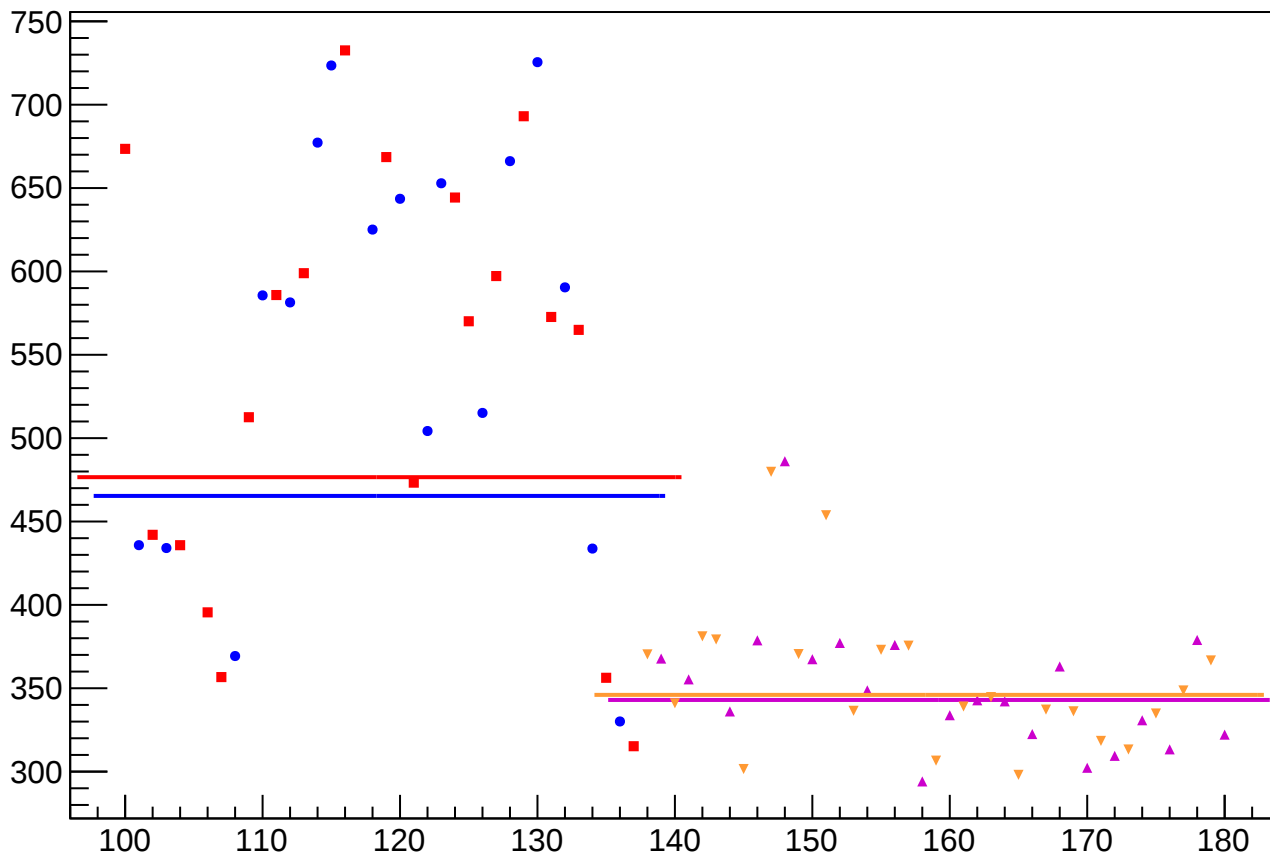
Right: 194.121 ± 130.770 $\chi^2/\text{NDF}: 36.6/35$

In: -7.861 ± 77.165 $\chi^2/\text{NDF}: 50.9/37$

Out: 2.246 ± 77.282 $\chi^2/\text{NDF}: 46.2/40$

All: -2.815 ± 54.605 $\chi^2/\text{NDF}: 97.1/78$

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: 346.026 $\pm$ 0.060 χ^2 /NDF: 390416.2/21

Right Out: 476.597 $\pm$ 0.130 χ^2 /NDF: 752936.0/18

Left In: 342.973 $\pm$ 0.060 χ^2 /NDF: 335889.1/20

Left: 344.493 $\pm$ 0.042 χ^2 /NDF: 727595.6/42

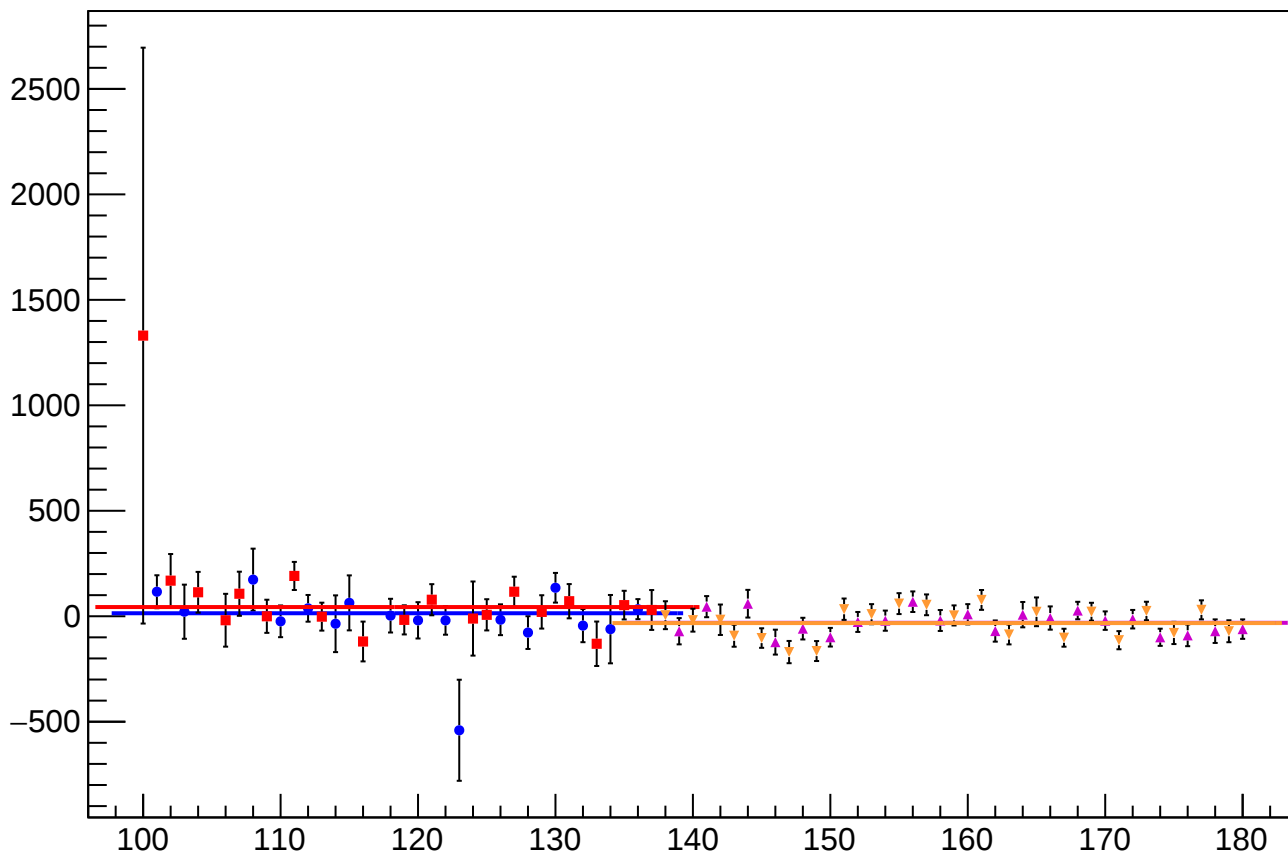
Right: 471.039 $\pm$ 0.092 χ^2 /NDF: 1617050.9/35

In: 364.042 $\pm$ 0.055 χ^2 /NDF: 1913287.3/37

Out: 369.081 $\pm$ 0.055 χ^2 /NDF: 1973418.8/40

All: 366.558 $\pm$ 0.039 χ^2 /NDF: 3890963.1/78

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: -32.376 ± 10.535 $\chi^2/\text{NDF}: 48.6/21$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -31.081 ± 10.778 $\chi^2/\text{NDF}: 23.2/20$

Left: -31.743 ± 7.534 $\chi^2/\text{NDF}: 71.8/42$

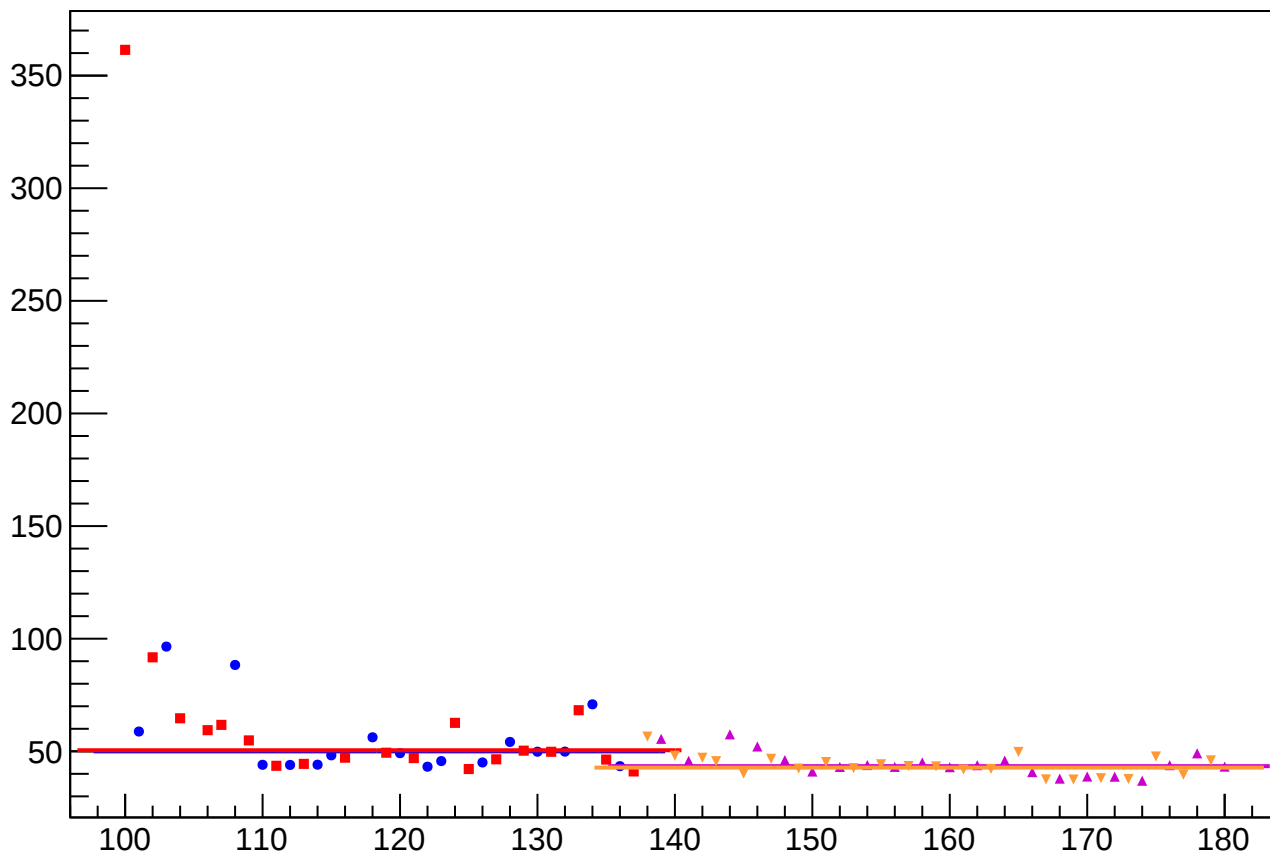
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -20.773 ± 9.473 $\chi^2/\text{NDF}: 42.0/37$

Out: -15.410 ± 9.285 $\chi^2/\text{NDF}: 77.3/40$

All: -18.037 ± 6.631 $\chi^2/\text{NDF}: 119.5/78$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 42.767+/-0.007 χ^2/NDF : 312953.9/21

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 43.407+/-0.008 χ^2/NDF : 390586.5/20

Left: 43.080+/-0.005 χ^2/NDF : 707144.8/42

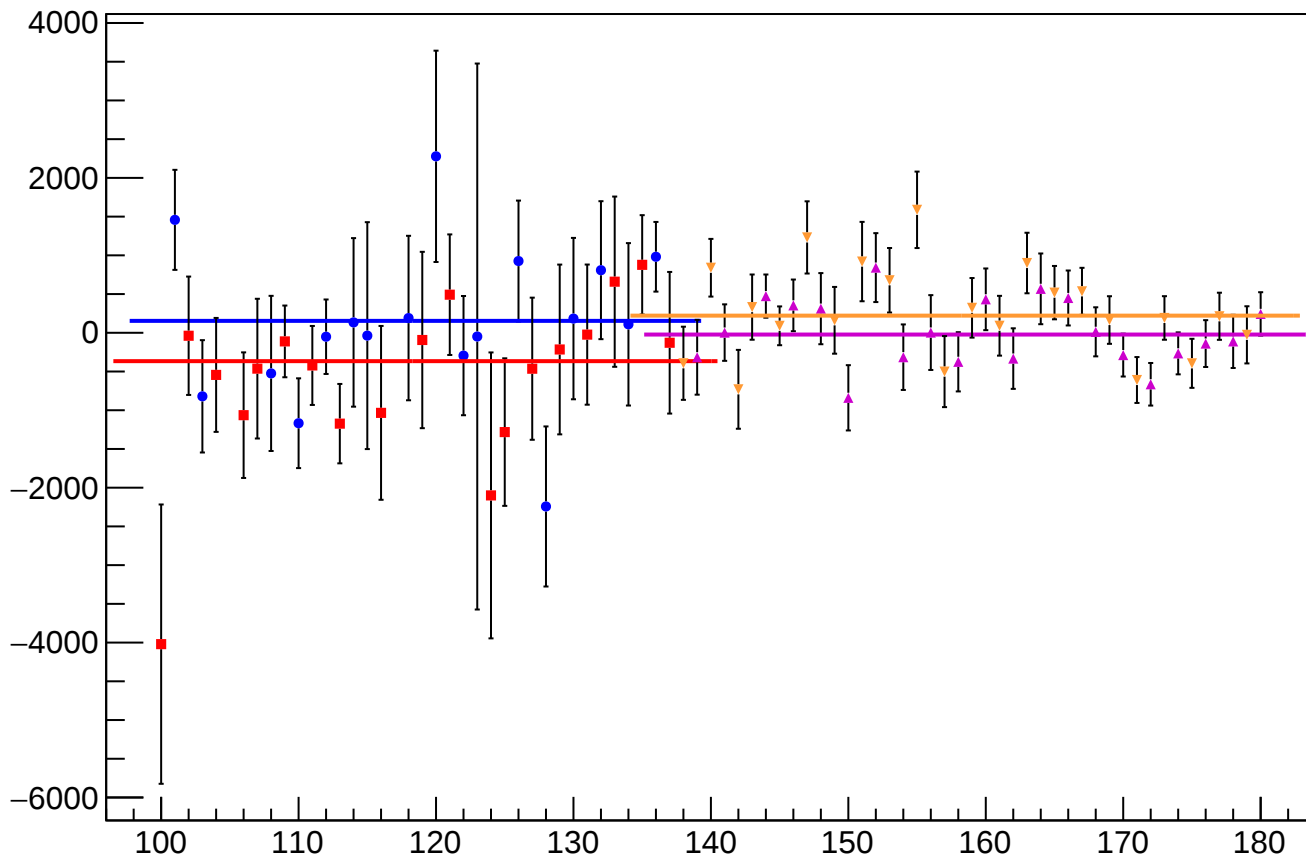
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 44.900+/-0.007 χ^2/NDF : 1138133.7/37

Out: 44.488+/-0.007 χ^2/NDF : 1123153.2/40

All: 44.690+/-0.005 χ^2/NDF : 2263218.0/78

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: 221.477 $\pm$ 77.244 χ^2 /NDF:43.4/21

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: -22.742 $\pm$ 75.941 χ^2 /NDF:27.9/20

Left: 97.291 $\pm$ 54.153 χ^2 /NDF: 76.3/42

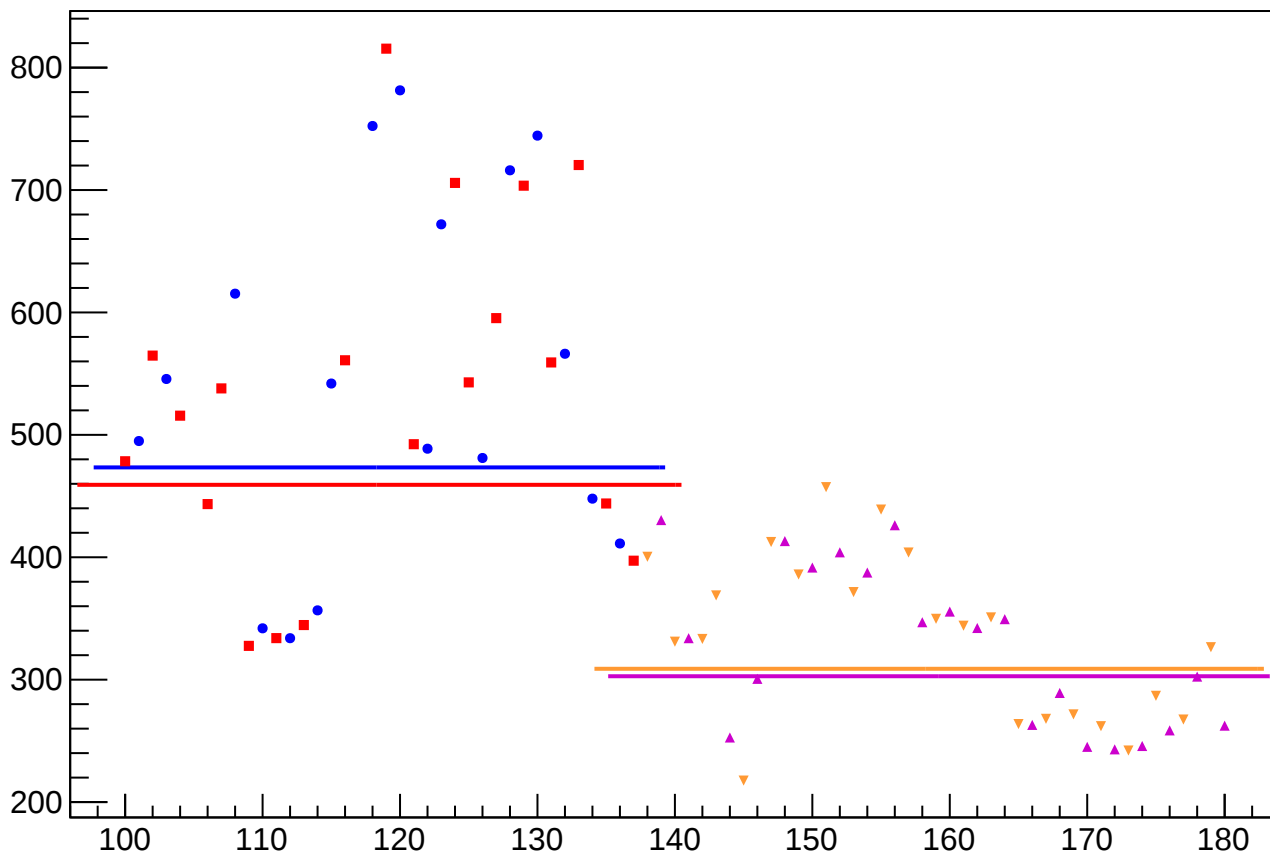
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 1.590 $\pm$ 70.515 χ^2 /NDF:53.4/37

Out: 129.129 $\pm$ 70.916 χ^2 /NDF:68.7/40

All: 64.998 $\pm$ 50.003 χ^2 /NDF: 123.7/78

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 308.895 $\pm$ 0.055 χ^2 /NDF:1369882.6/21

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 302.806 $\pm$ 0.054 χ^2 /NDF:1222792.1/20

Left: 305.799 $\pm$ 0.038 χ^2 /NDF: 2598995.5/42

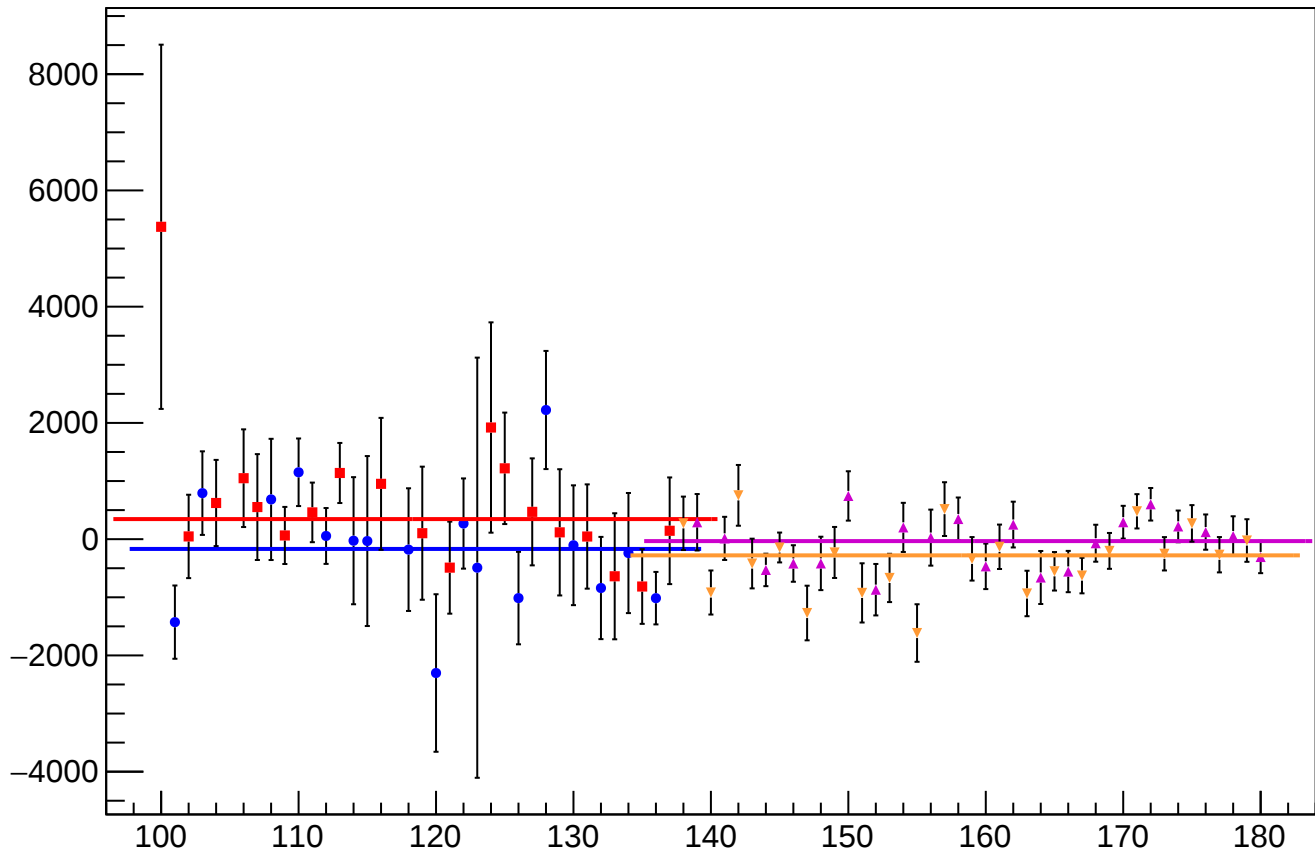
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 326.313 $\pm$ 0.050 χ^2 /NDF:3528522.4/37

Out: 332.508 $\pm$ 0.050 χ^2 /NDF:3565874.9/40

All: 329.393 $\pm$ 0.035 χ^2 /NDF: 7102071.6/78

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -278.522+/-77.391 χ^2/NDF : 40.9/21

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -33.188+/-75.850 χ^2/NDF : 28.5/20

Left: -153.388+/-54.171 χ^2/NDF : 74.6/42

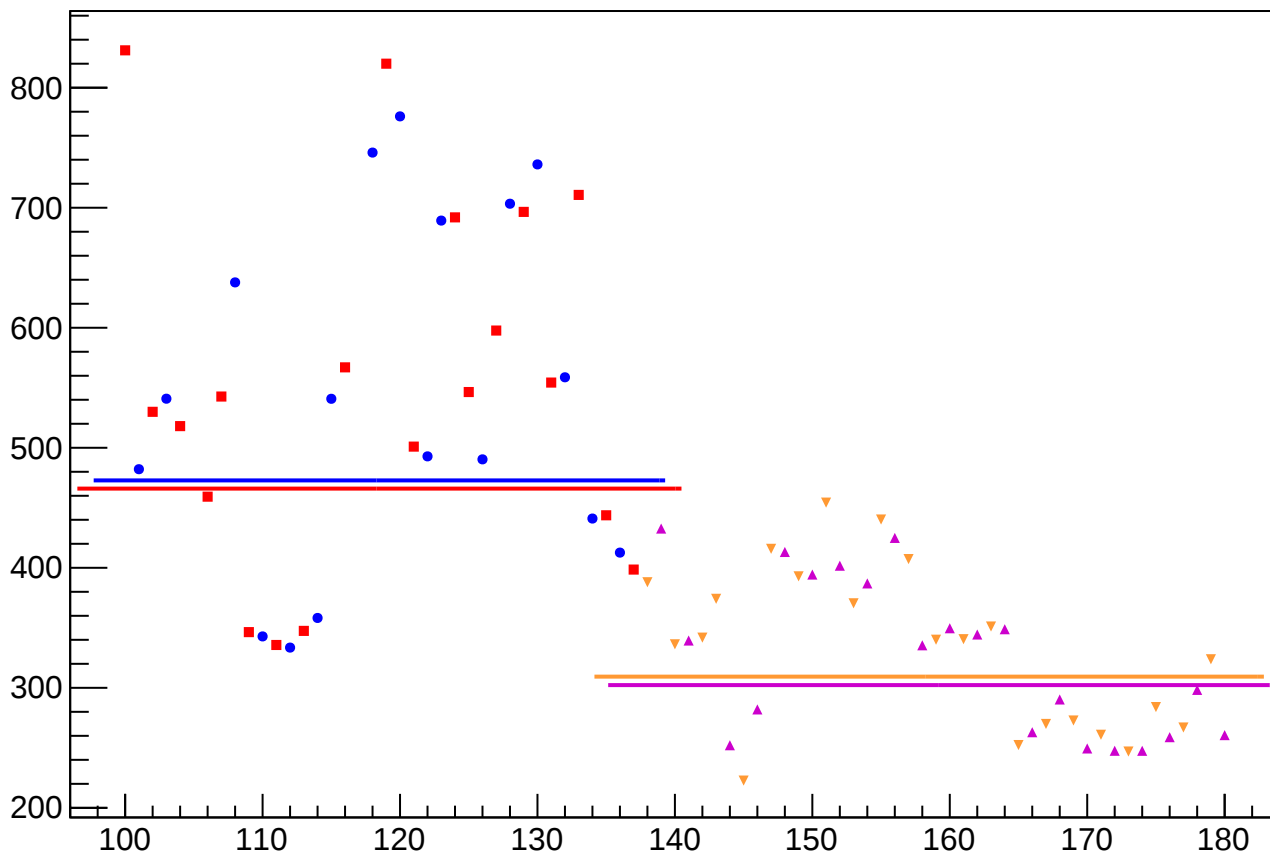
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -51.767+/-70.432 χ^2/NDF : 54.4/37

Out: -182.305+/-71.174 χ^2/NDF : 64.7/40

All: -116.351+/-50.063 χ^2/NDF : 120.7/78

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: 309.327 $\pm$ 0.055 χ^2 /NDF:1333290.2/21

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 302.266 $\pm$ 0.054 χ^2 /NDF:1187854.6/20

Left: 305.725 $\pm$ 0.038 χ^2 /NDF: 2529635.9/42

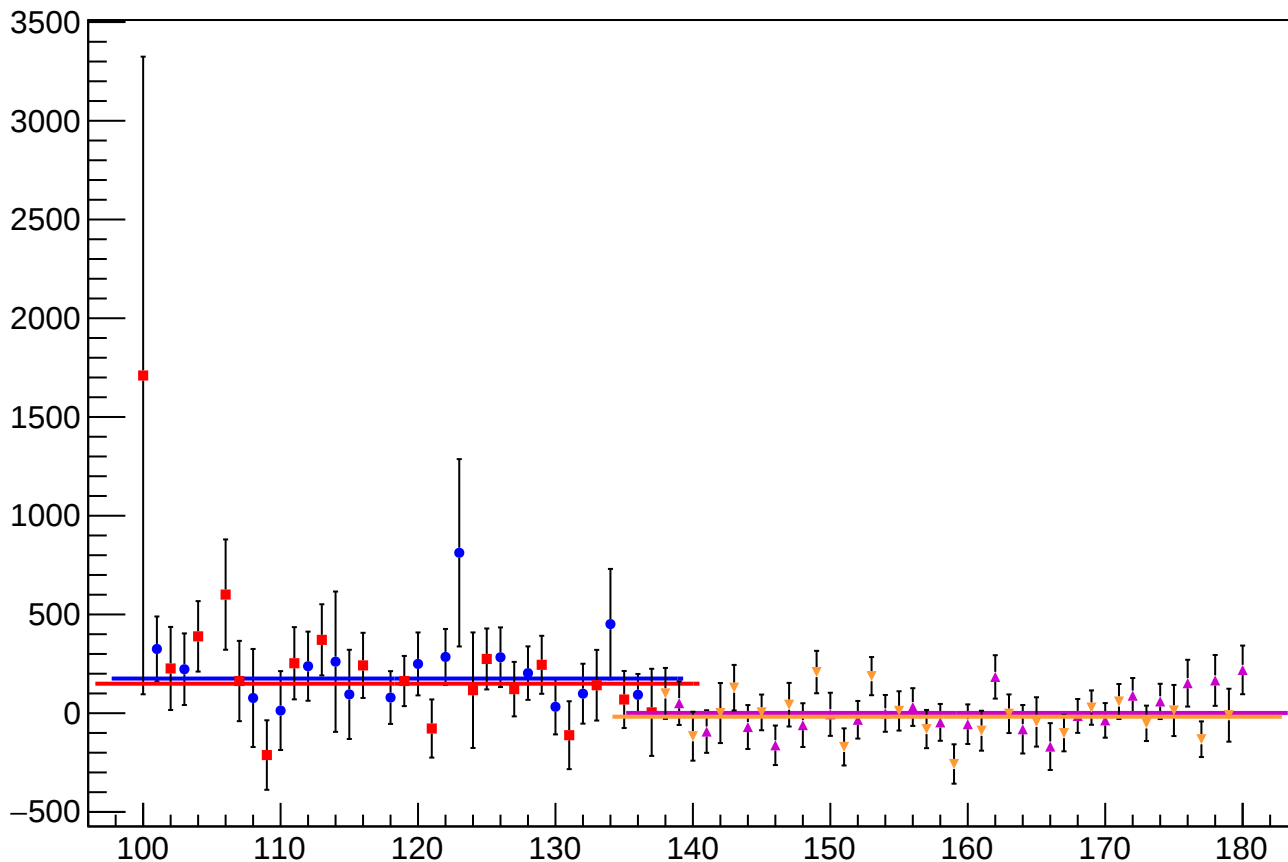
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 325.762 $\pm$ 0.050 χ^2 /NDF:3477313.6/37

Out: 333.483 $\pm$ 0.050 χ^2 /NDF:3538997.5/40

All: 329.582 $\pm$ 0.035 χ^2 /NDF: 7028200.9/78

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: -17.827 ± 21.982 χ^2/NDF : 25.5/21

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: 1.366 ± 22.375 χ^2/NDF : 18.4/20

Left: -8.401 ± 15.681 χ^2/NDF : 44.4/42

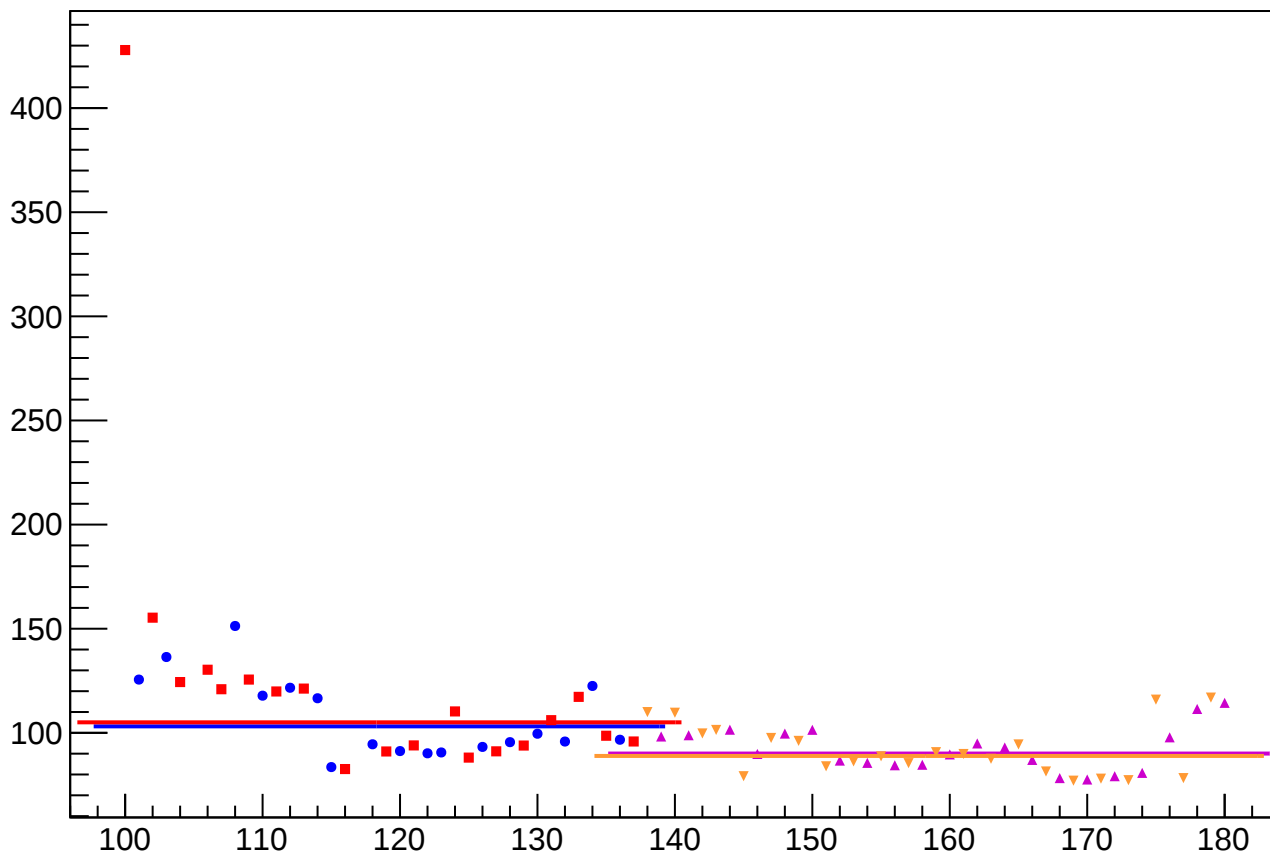
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 42.298 ± 19.569 χ^2/NDF : 41.3/37

Out: 20.494 ± 19.300 χ^2/NDF : 57.2/40

All: 31.245 ± 13.741 χ^2/NDF : 99.1/78

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2/NDF : 306438.5/16

Left Out: 88.906 $\pm$ 0.016 χ^2/NDF : 519279.8/21

Right Out: 105.045 $\pm$ 0.029 χ^2/NDF : 448699.0/18

Left In: 90.052 $\pm$ 0.016 χ^2/NDF : 380833.8/20

Left: 89.469 $\pm$ 0.011 χ^2/NDF : 902781.6/42

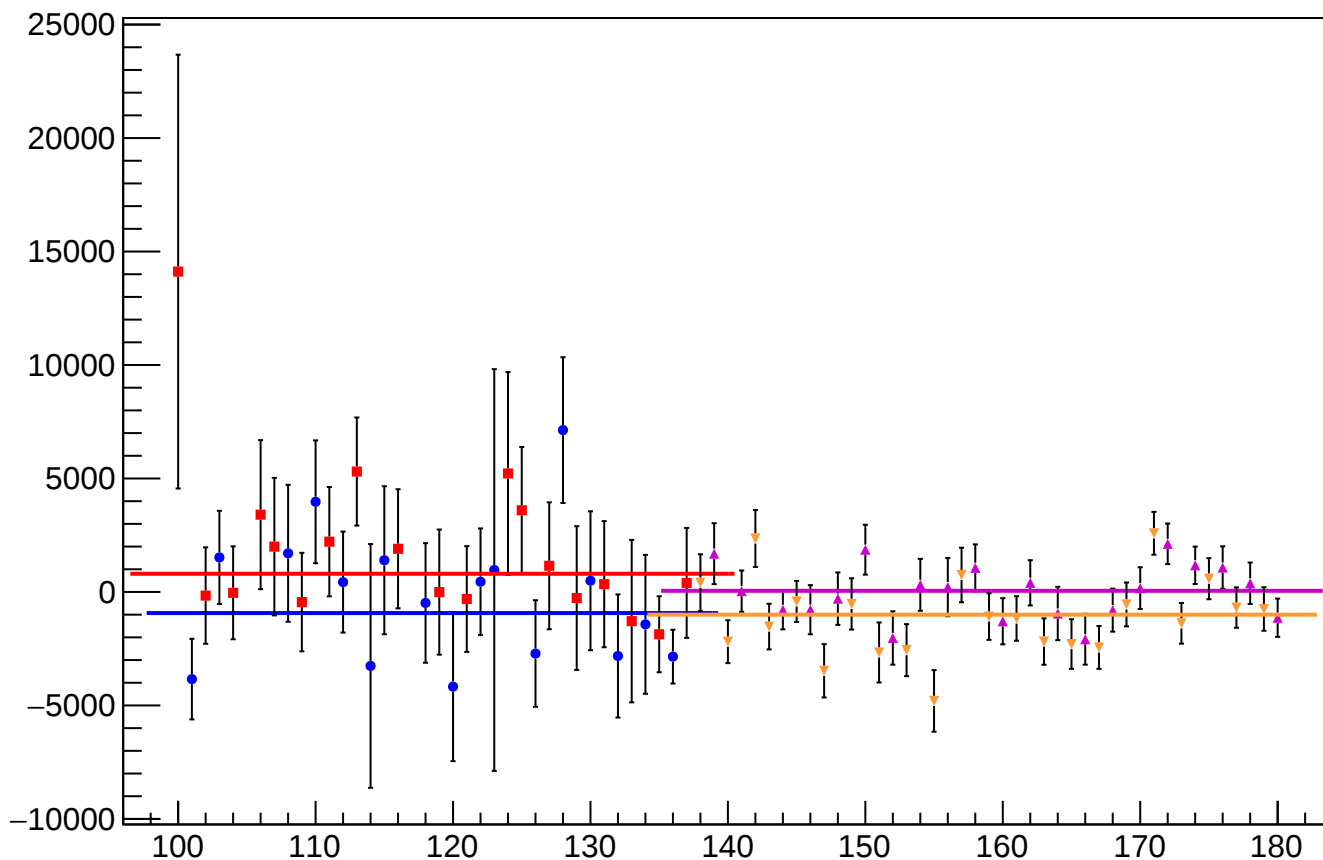
Right: 104.080 $\pm$ 0.020 χ^2/NDF : 757434.4/35

In: 93.123 $\pm$ 0.014 χ^2/NDF : 847470.6/37

Out: 92.604 $\pm$ 0.014 χ^2/NDF : 1215004.2/40

All: 92.860 $\pm$ 0.010 χ^2/NDF : 2063185.7/78

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: -999.366 $\pm$ 220.303 χ^2 /NDF:52.0/21

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: 52.013 $\pm$ 219.140 χ^2 /NDF:27.5/20

Left: -470.895 $\pm$ 155.365 χ^2 /NDF: 90.9/42

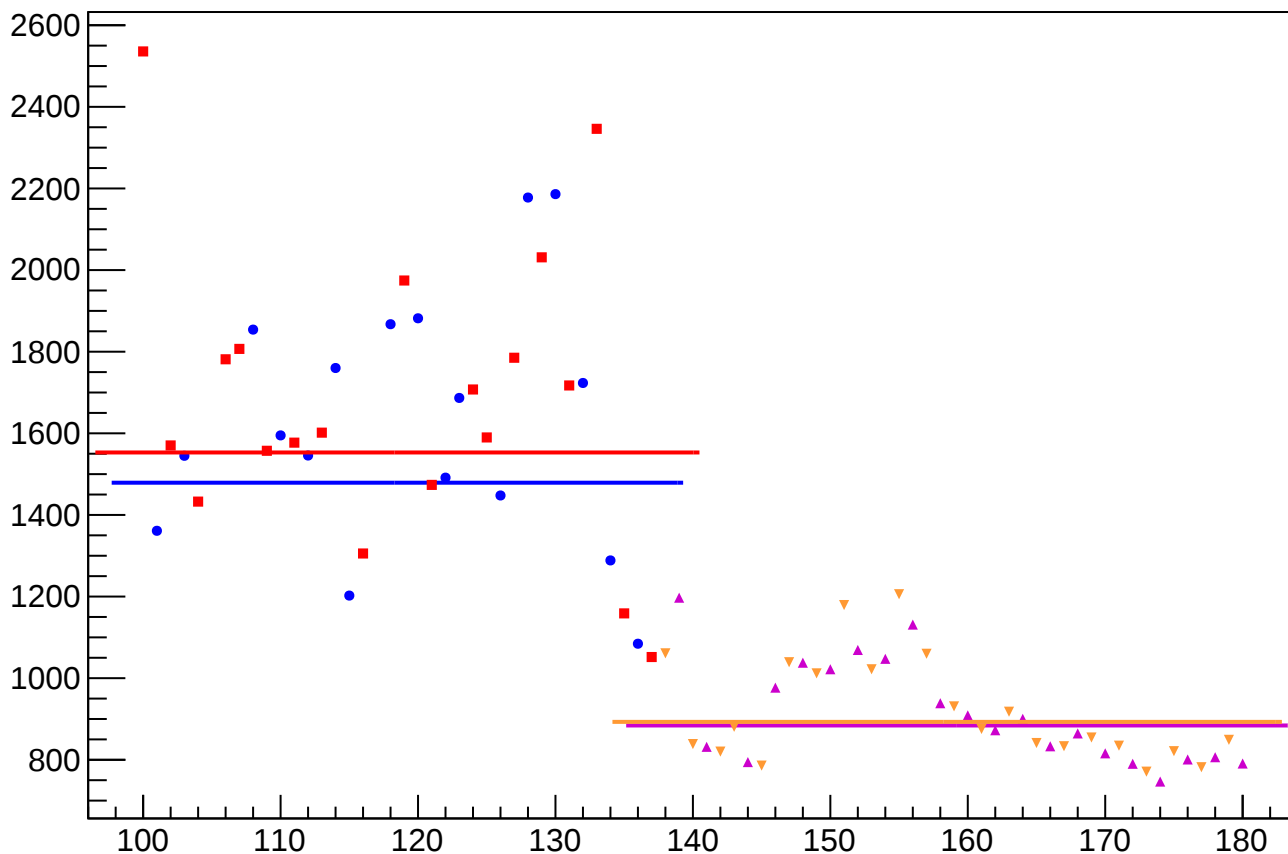
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -67.989 $\pm$ 205.299 χ^2 /NDF:50.8/37

Out: -781.320 $\pm$ 206.546 χ^2 /NDF:72.9/40

All: -422.495 $\pm$ 145.607 χ^2 /NDF: 129.8/78

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: 892.941 $\pm$ 0.156 χ^2 /NDF: 507788.1/21

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 884.111 $\pm$ 0.155 χ^2 /NDF: 539176.7/20

Left: 888.502 $\pm$ 0.110 χ^2 /NDF: 1048579.8/42

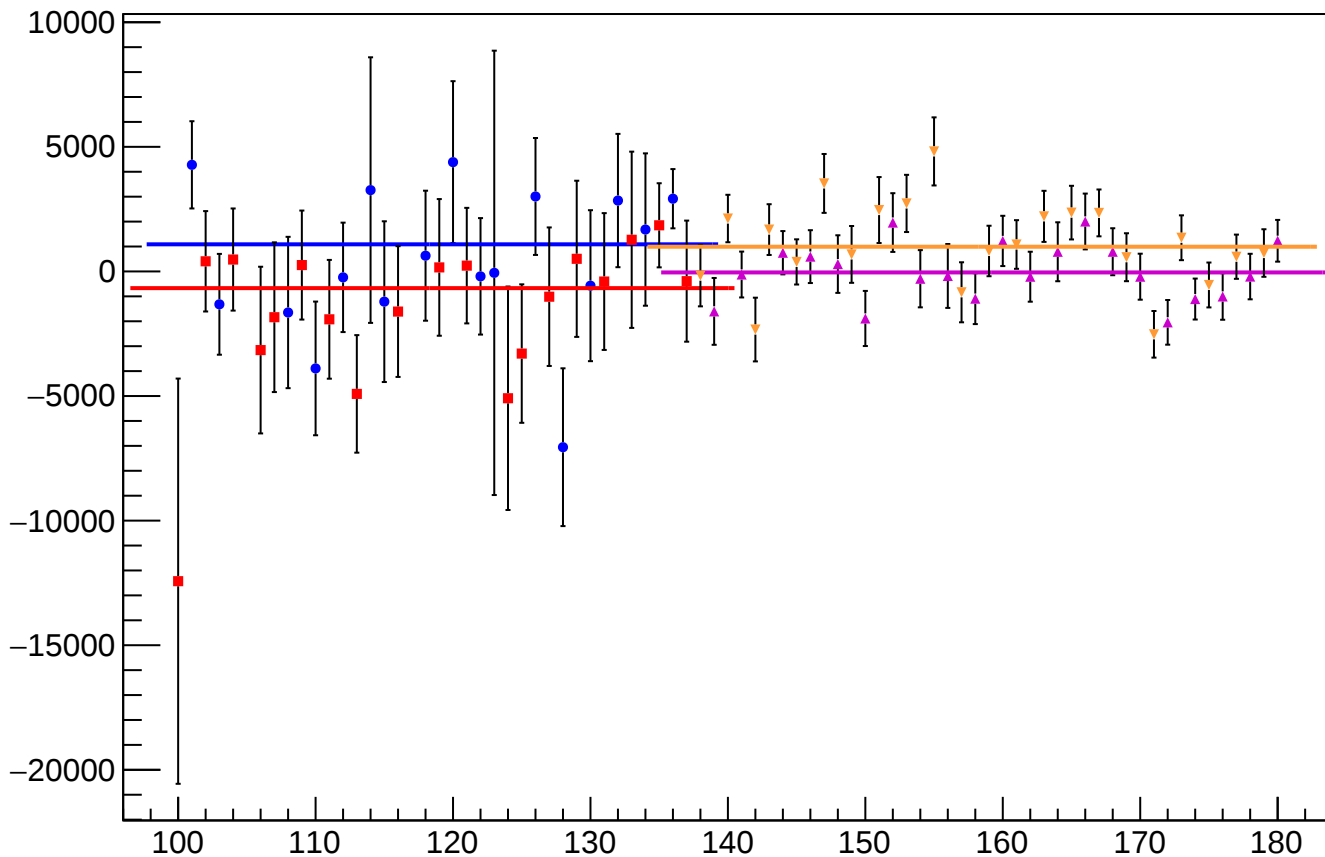
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 956.885 $\pm$ 0.145 χ^2 /NDF: 2931772.3/37

Out: 972.808 $\pm$ 0.146 χ^2 /NDF: 3164240.2/40

All: 964.798 $\pm$ 0.103 χ^2 /NDF: 6101992.1/78

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: 991.608 $\pm$ 220.185 χ^2 /NDF:51.1/21

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: -39.995 $\pm$ 219.025 χ^2 /NDF:25.8/20

Left: 473.082 $\pm$ 155.282 χ^2 /NDF: 87.9/42

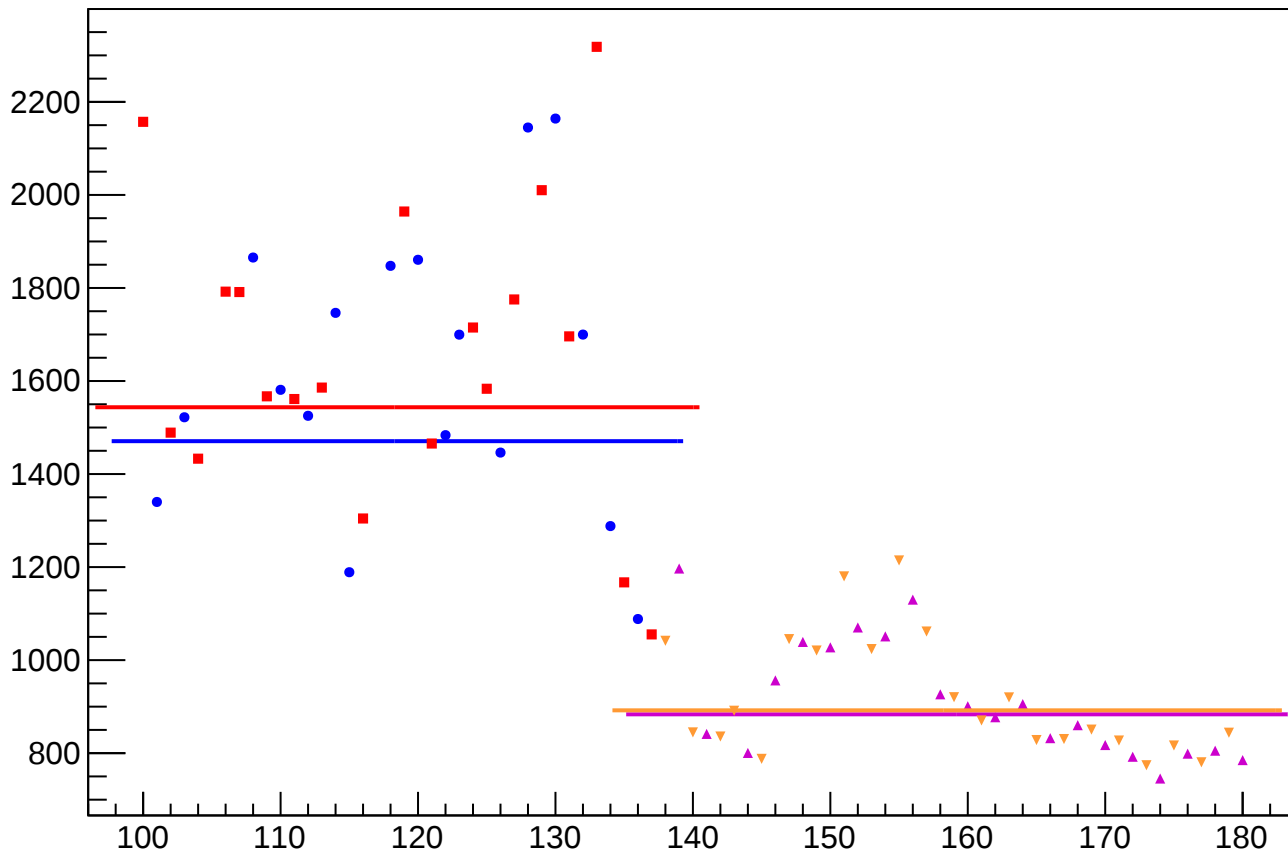
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 99.380 $\pm$ 205.047 χ^2 /NDF:50.9/37

Out: 788.453 $\pm$ 206.287 χ^2 /NDF:70.1/40

All: 441.840 $\pm$ 145.427 χ^2 /NDF: 126.6/78

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 892.063 $\pm$ 0.156 χ^2 /NDF: 513808.4/21

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 883.497 $\pm$ 0.155 χ^2 /NDF: 534303.8/20

Left: 887.758 $\pm$ 0.110 χ^2 /NDF: 1049633.6/42

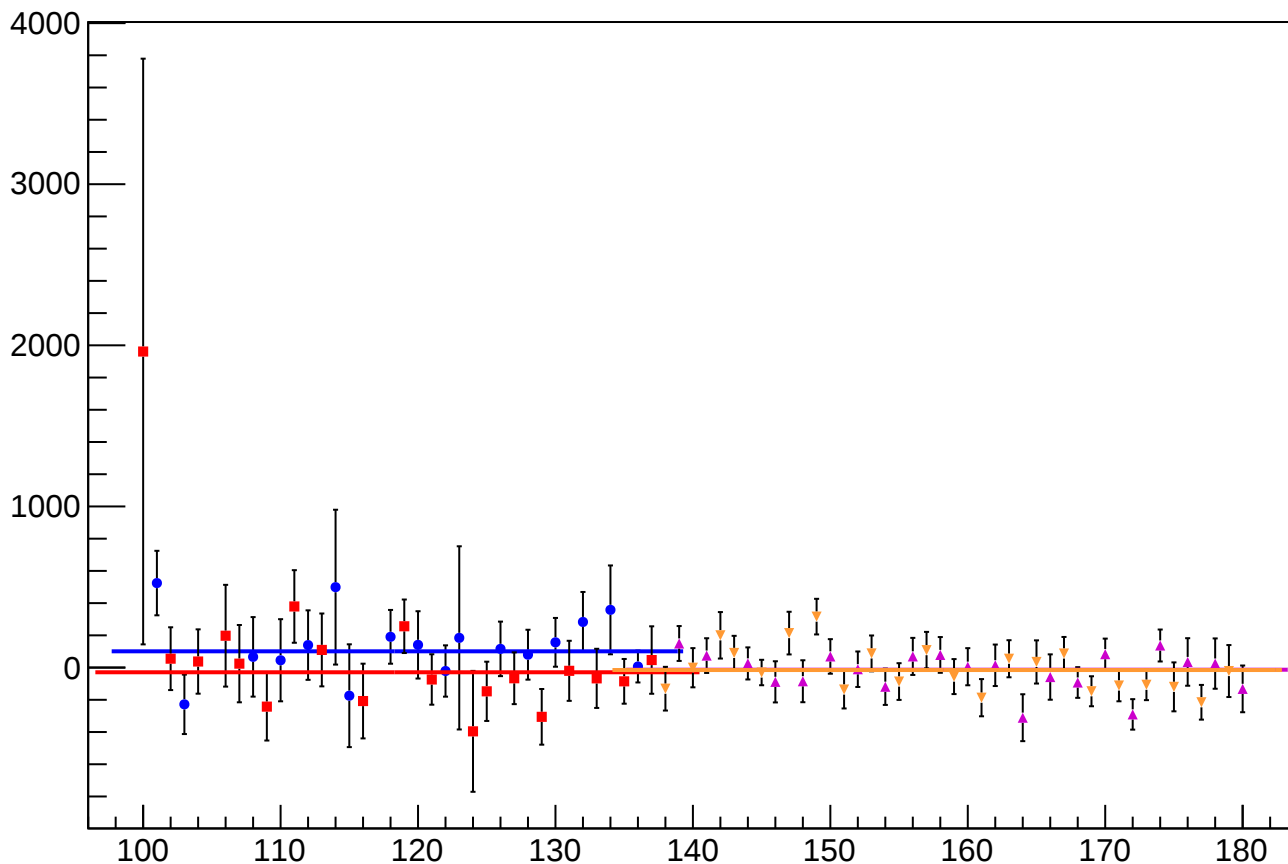
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 956.051 $\pm$ 0.145 χ^2 /NDF: 2878177.2/37

Out: 971.713 $\pm$ 0.146 χ^2 /NDF: 3108844.0/40

All: 963.835 $\pm$ 0.103 χ^2 /NDF: 5992820.3/78

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918+/-45.284 χ^2/NDF : 13.0/16

Left Out: -15.240+/-23.910 χ^2/NDF : 31.2/21

Right Out: -29.152+/-45.695 χ^2/NDF : 14.7/18

Left In: -13.239+/-25.026 χ^2/NDF : 24.2/20

Left: -14.285+/-17.288 χ^2/NDF : 55.4/42

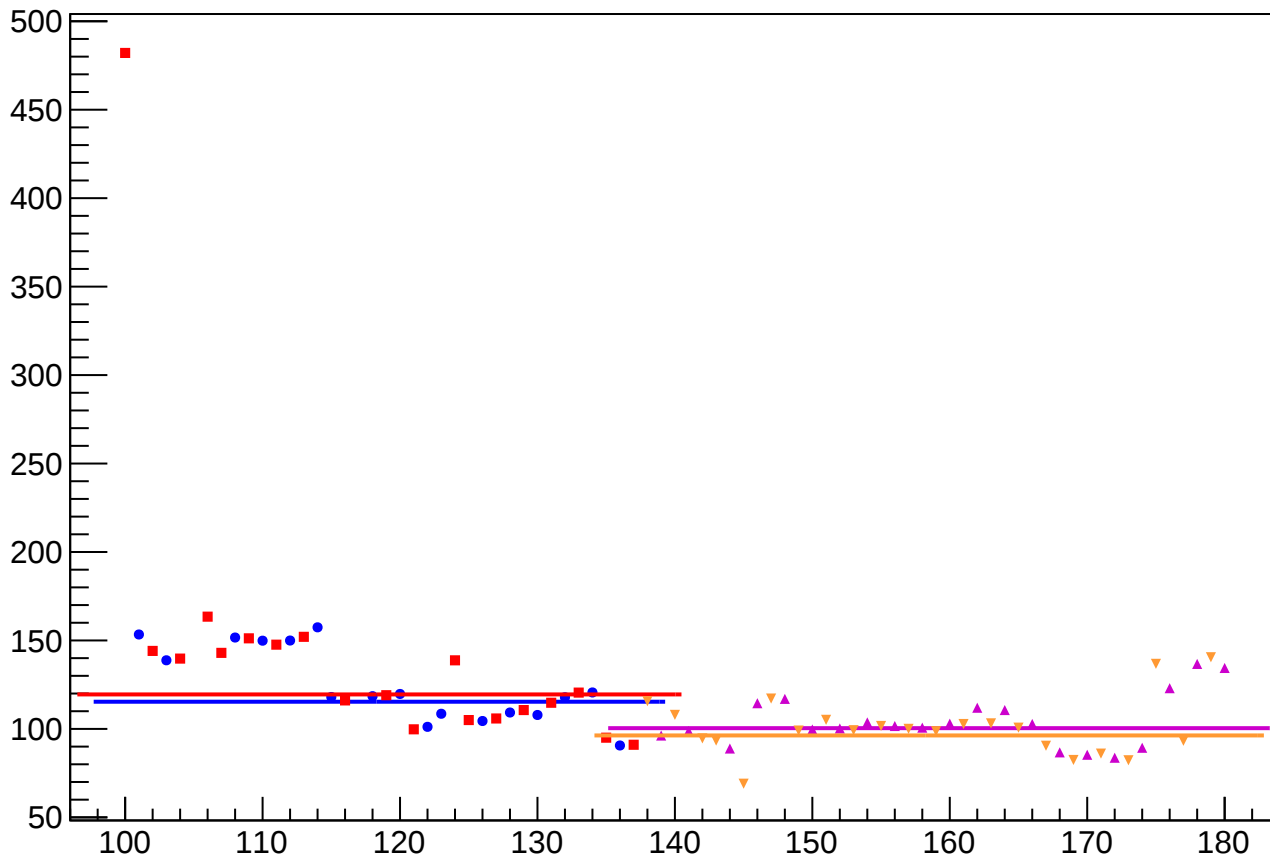
Right: 36.472+/-32.165 χ^2/NDF : 31.8/35

In: 13.470+/-21.904 χ^2/NDF : 42.1/37

Out: -18.230+/-21.185 χ^2/NDF : 45.9/40

All: -2.909+/-15.228 χ^2/NDF : 89.1/78

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: 96.311 $\pm$ 0.017 χ^2/NDF : 796207.1/21

Right Out: 119.492 $\pm$ 0.032 χ^2/NDF : 477965.0/18

Left In: 100.423 $\pm$ 0.018 χ^2/NDF : 558818.8/20

Left: 98.274 $\pm$ 0.012 χ^2/NDF : 1383254.9/42

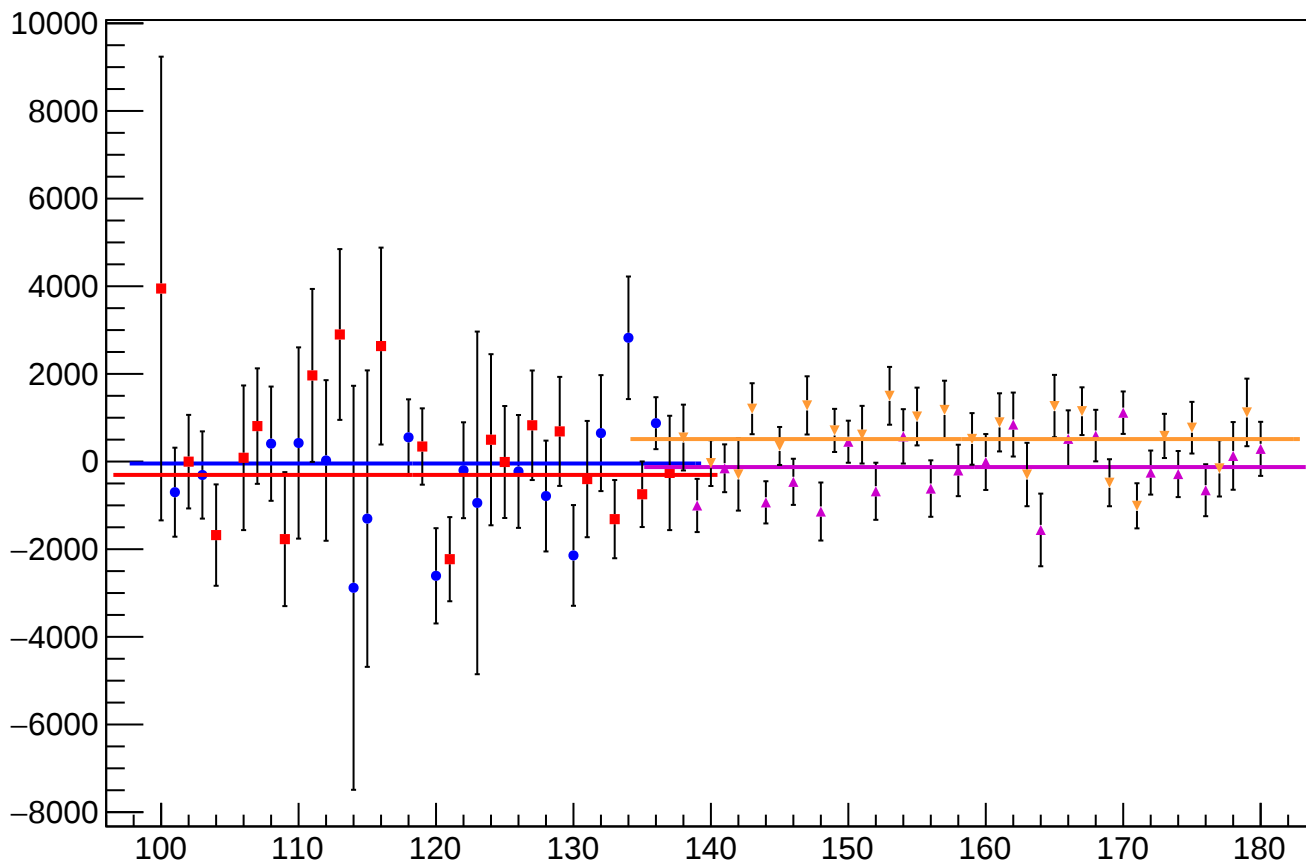
Right: 117.411 $\pm$ 0.023 χ^2/NDF : 897552.7/35

In: 103.920 $\pm$ 0.015 χ^2/NDF : 1137011.4/37

Out: 101.294 $\pm$ 0.015 χ^2/NDF : 1678230.7/40

All: 102.563 $\pm$ 0.011 χ^2/NDF : 2830093.4/78

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 512.913 ± 127.707 χ^2/NDF : 27.2/21

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -125.857 ± 128.125 χ^2/NDF : 27.0/20

Left: 194.570 ± 90.450 χ^2/NDF : 66.6/42

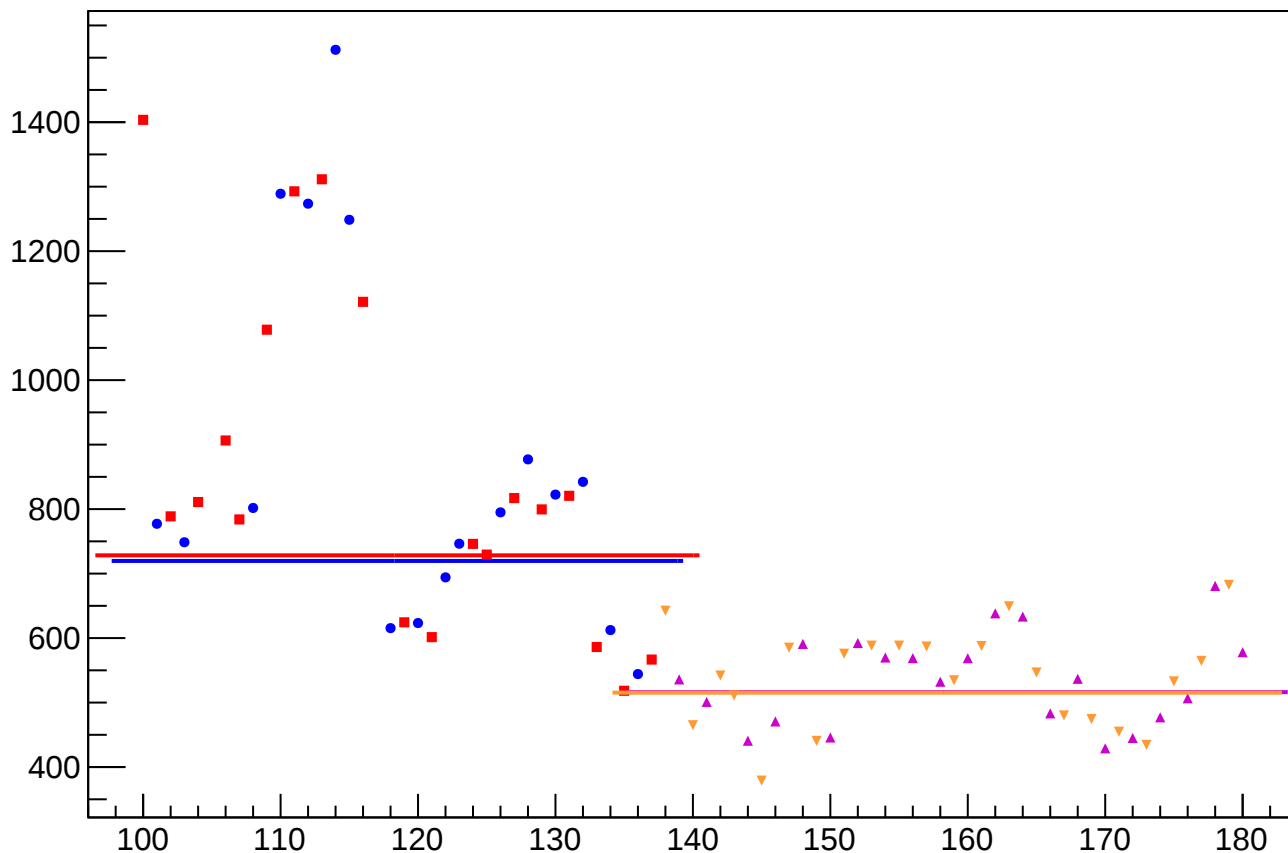
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -112.290 ± 116.947 χ^2/NDF : 45.0/37

Out: 374.331 ± 116.383 χ^2/NDF : 51.5/40

All: 132.196 ± 82.494 χ^2/NDF : 105.2/78

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: 515.449 $\pm$ 0.090 χ^2 /NDF: 738213.7/21

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 516.207 $\pm$ 0.091 χ^2 /NDF: 537855.9/20

Left: 515.827 $\pm$ 0.064 χ^2 /NDF: 1276104.7/42

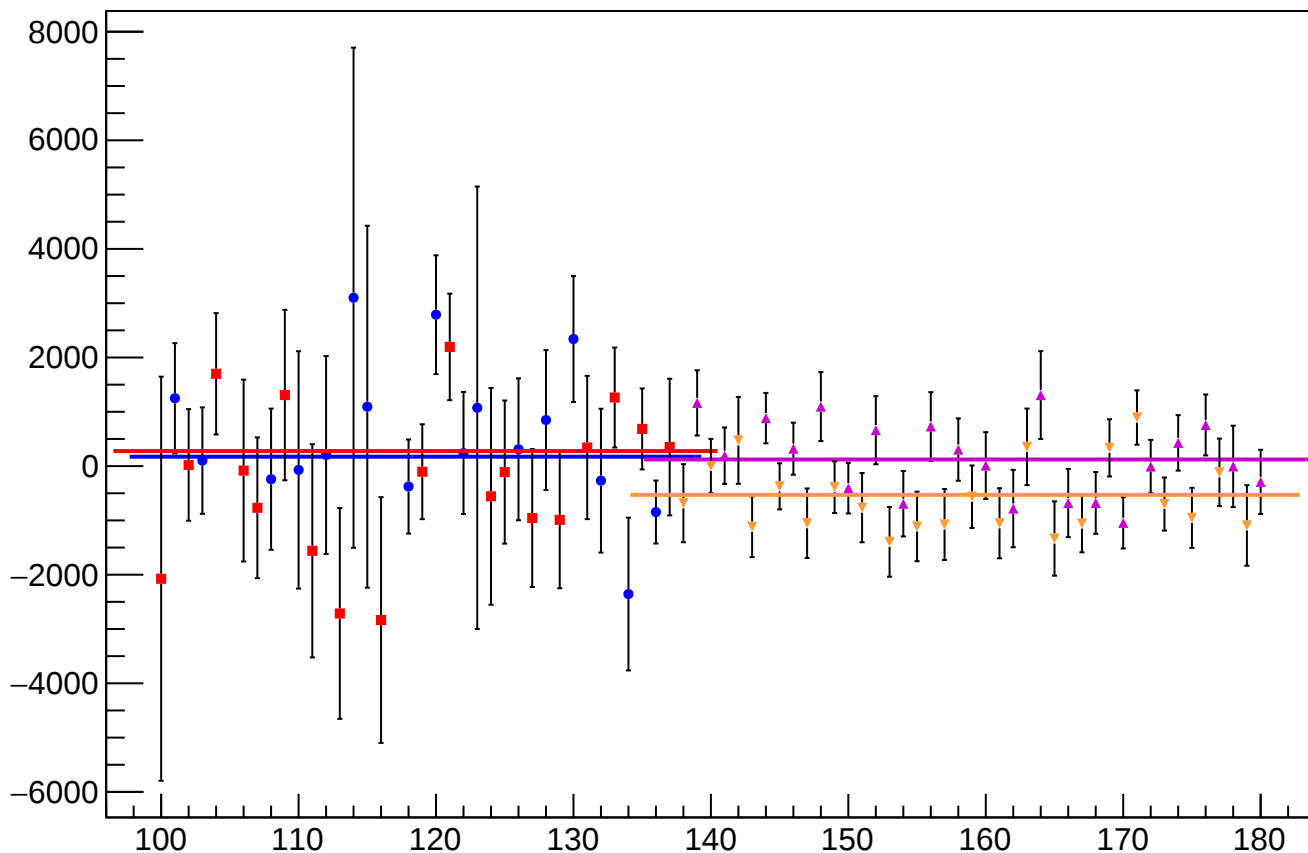
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 550.149 $\pm$ 0.083 χ^2 /NDF: 2125896.3/37

Out: 551.527 $\pm$ 0.082 χ^2 /NDF: 2593732.1/40

All: 550.841 $\pm$ 0.058 χ^2 /NDF: 4719768.1/78

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: -529.679 $\pm$ 123.713 χ^2 /NDF:25.3/21

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 121.887 $\pm$ 123.643 χ^2 /NDF:28.8/20

Left: -203.712 $\pm$ 87.454 χ^2 /NDF: 68.0/42

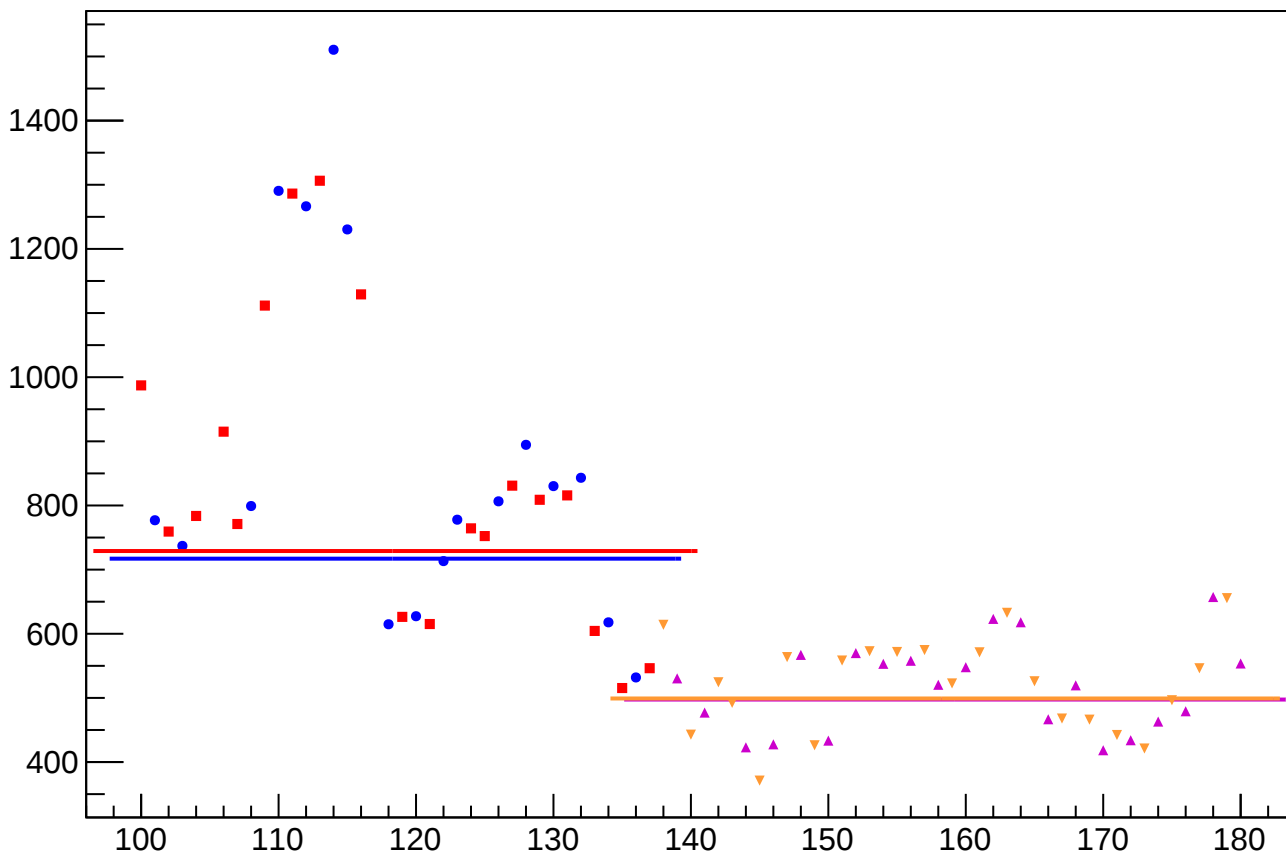
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 129.980 $\pm$ 113.471 χ^2 /NDF:47.0/37

Out: -400.022 $\pm$ 113.338 χ^2 /NDF:48.2/40

All: -135.332 $\pm$ 80.189 χ^2 /NDF: 106.1/78

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 499.109+/-0.087 χ^2/NDF : 718777.2/21

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 497.433+/-0.087 χ^2/NDF : 567585.6/20

Left: 498.270+/-0.062 χ^2/NDF : 1286546.3/42

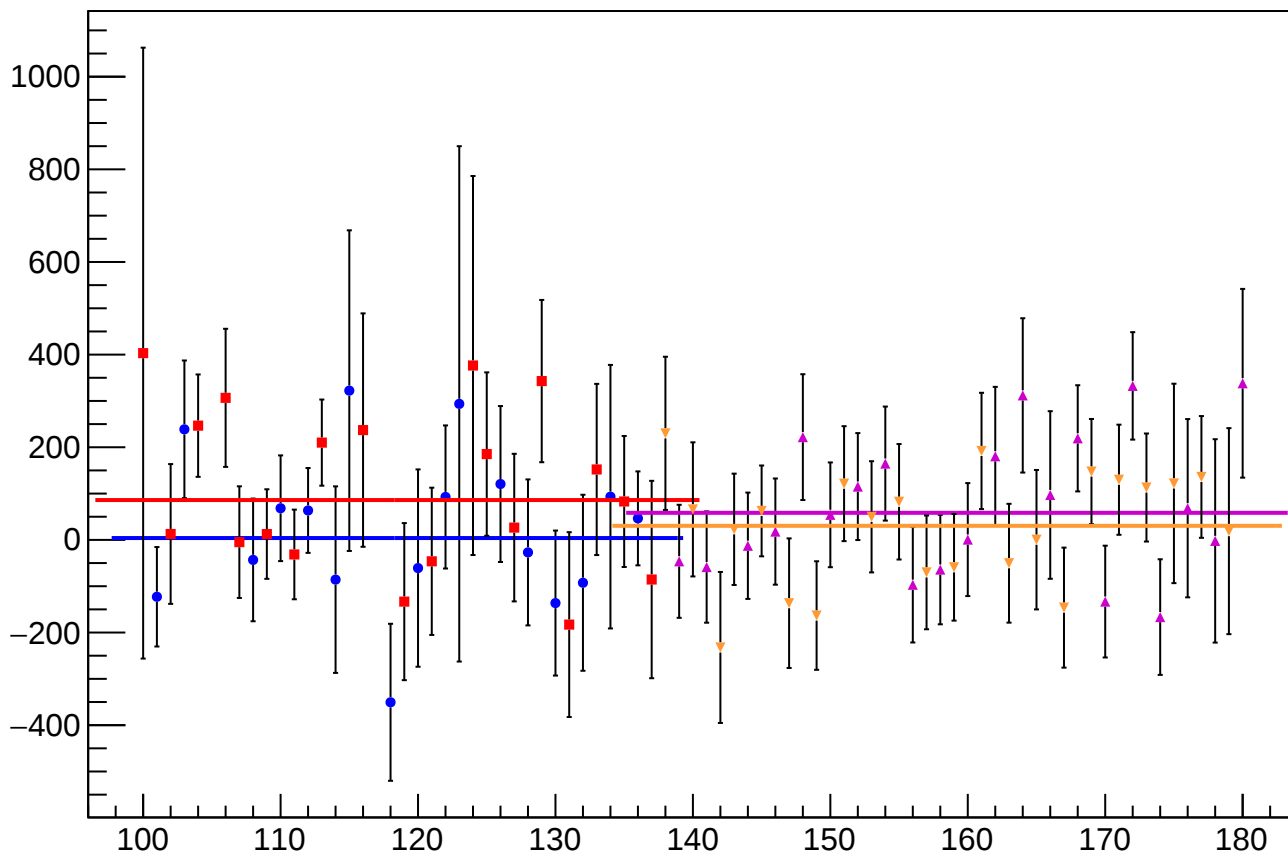
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 532.088+/-0.080 χ^2/NDF : 2345861.6/37

Out: 536.051+/-0.080 χ^2/NDF : 2719240.4/40

All: 534.072+/-0.057 χ^2/NDF : 5066322.9/78

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: 30.425 ± 27.637 $\chi^2/\text{NDF}: 17.4/21$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 58.458 ± 28.496 $\chi^2/\text{NDF}: 25.8/20$

Left: 44.013 ± 19.839 $\chi^2/\text{NDF}: 43.7/42$

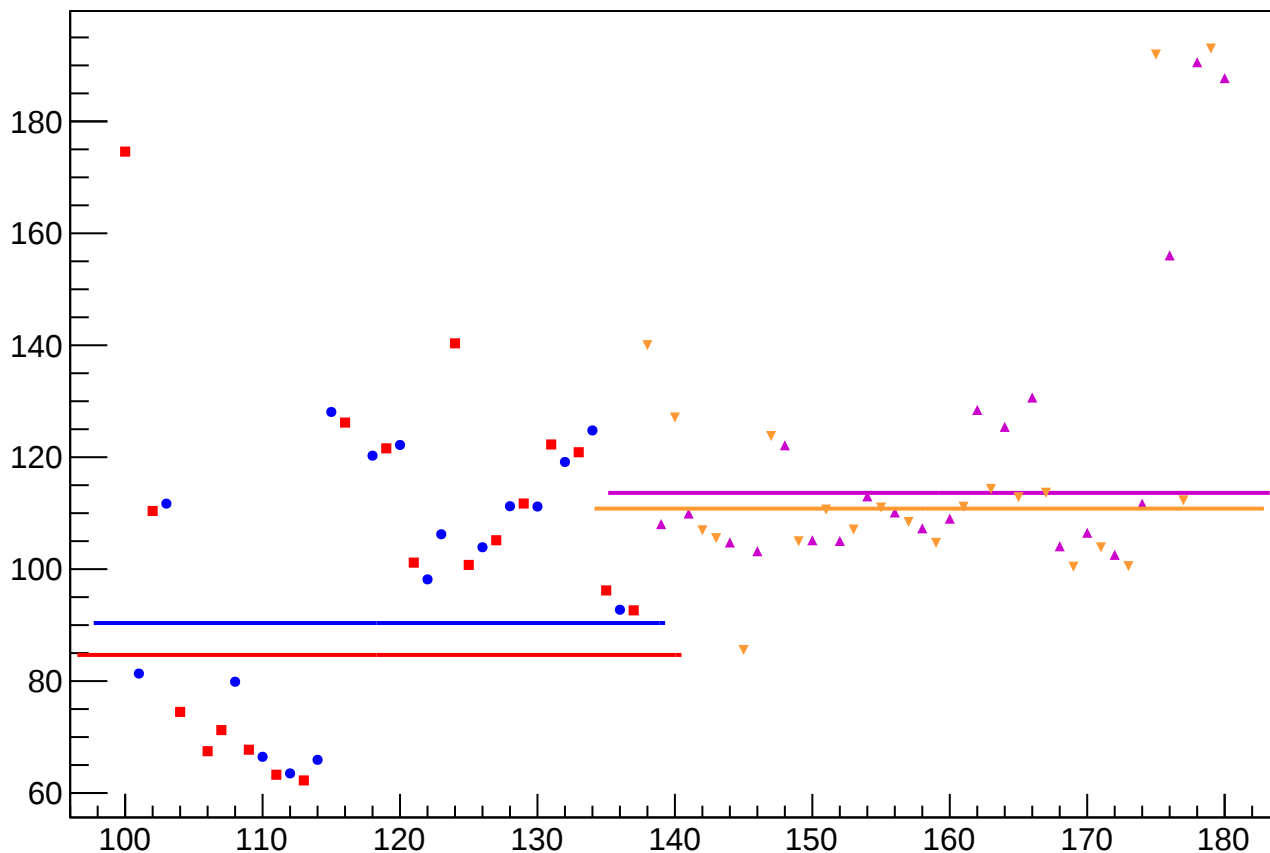
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 37.449 ± 22.332 $\chi^2/\text{NDF}: 39.9/37$

Out: 53.044 ± 21.285 $\chi^2/\text{NDF}: 36.7/40$

All: 45.620 ± 15.407 $\chi^2/\text{NDF}: 76.9/78$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 110.816 $\pm$ 0.020 χ^2 /NDF: 855407.4/21

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 113.627 $\pm$ 0.020 χ^2 /NDF: 769151.0/20

Left: 112.179 $\pm$ 0.014 χ^2 /NDF: 1634591.3/42

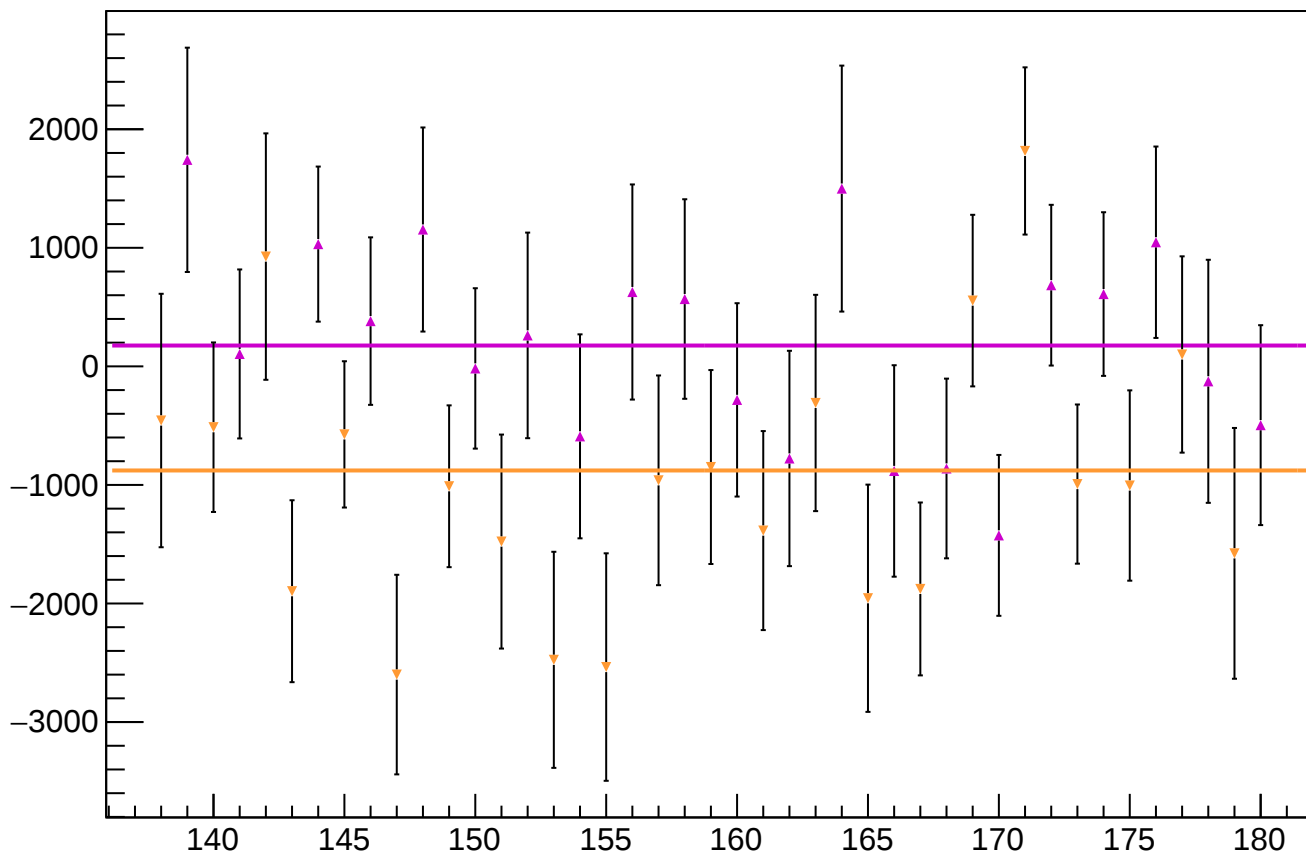
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 104.655 $\pm$ 0.016 χ^2 /NDF: 1937118.5/37

Out: 100.180 $\pm$ 0.015 χ^2 /NDF: 2491633.2/40

All: 102.310 $\pm$ 0.011 χ^2 /NDF: 4470841.5/78

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -878.071+/-172.590 χ^2/NDF :40.5/21

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

Left In: 175.725+/-173.398 χ^2/NDF :21.9/20

Left: -353.636+/-122.324 χ^2/NDF : 81.0/42

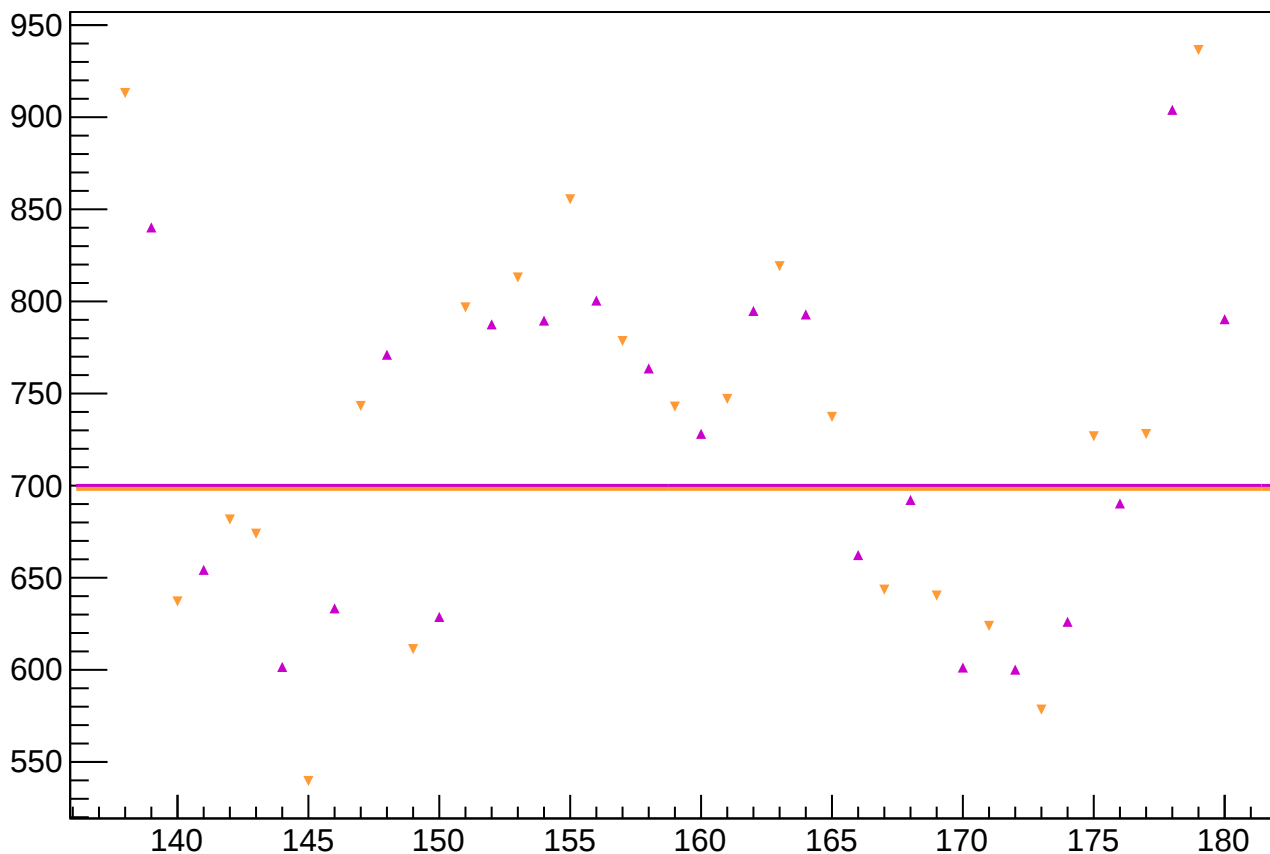
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 175.725+/-173.398 χ^2/NDF :21.9/20

Out: -878.071+/-172.590 χ^2/NDF :40.5/21

All: -353.636+/-122.324 χ^2/NDF : 81.0/42

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 698.240+/-0.122 χ^2/NDF : 661853.3/21

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

Left In: 699.843+/-0.123 χ^2/NDF : 484344.0/20

Left: 699.038+/-0.086 χ^2/NDF : 1146283.2/42

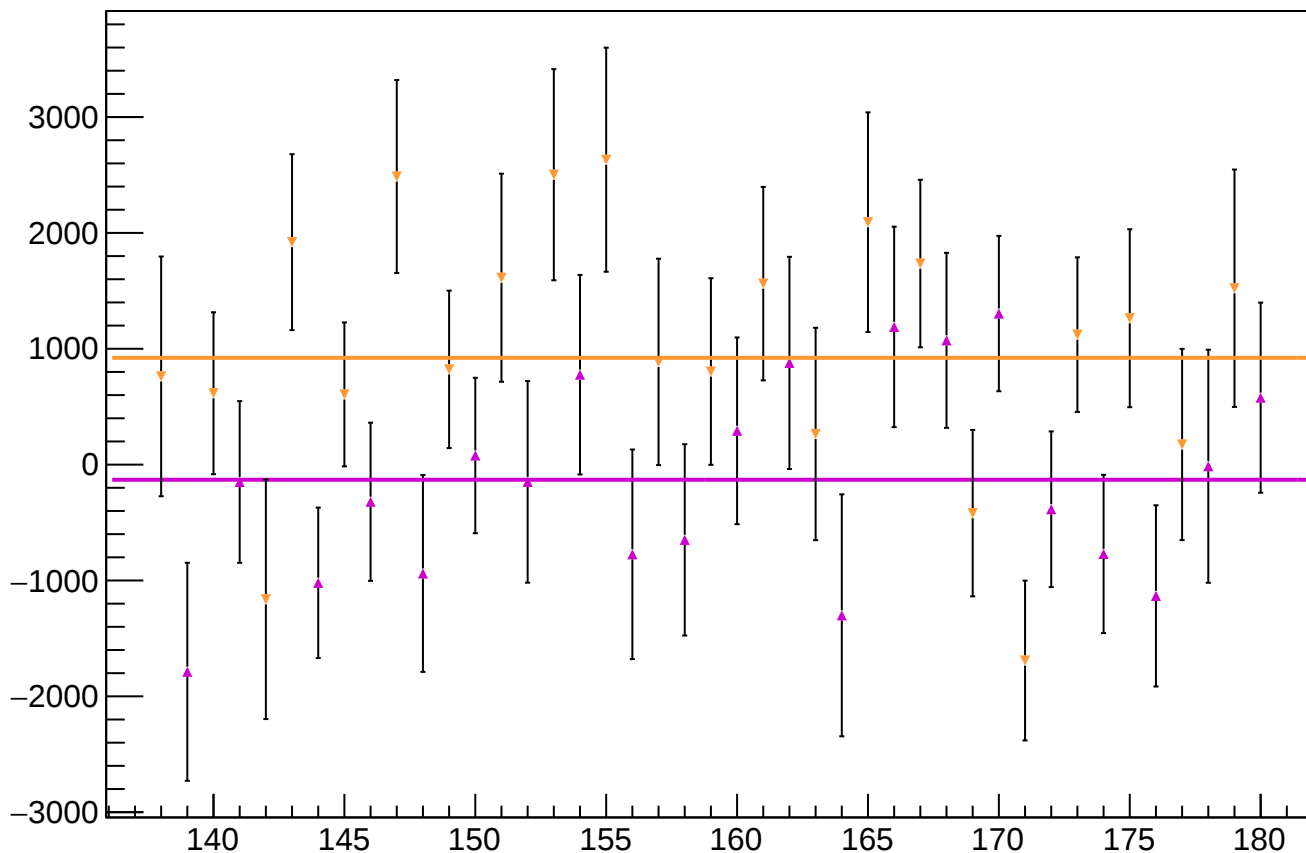
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 699.843+/-0.123 χ^2/NDF : 484344.0/20

Out: 698.240+/-0.122 χ^2/NDF : 661853.3/21

All: 699.038+/-0.086 χ^2/NDF : 1146283.2/42

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 921.704+/-170.940 χ^2/NDF :39.8/21

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

Left In: -130.523+/-171.265 χ^2/NDF :23.7/20

Left: 396.591+/-120.988 χ^2/NDF : 82.4/42

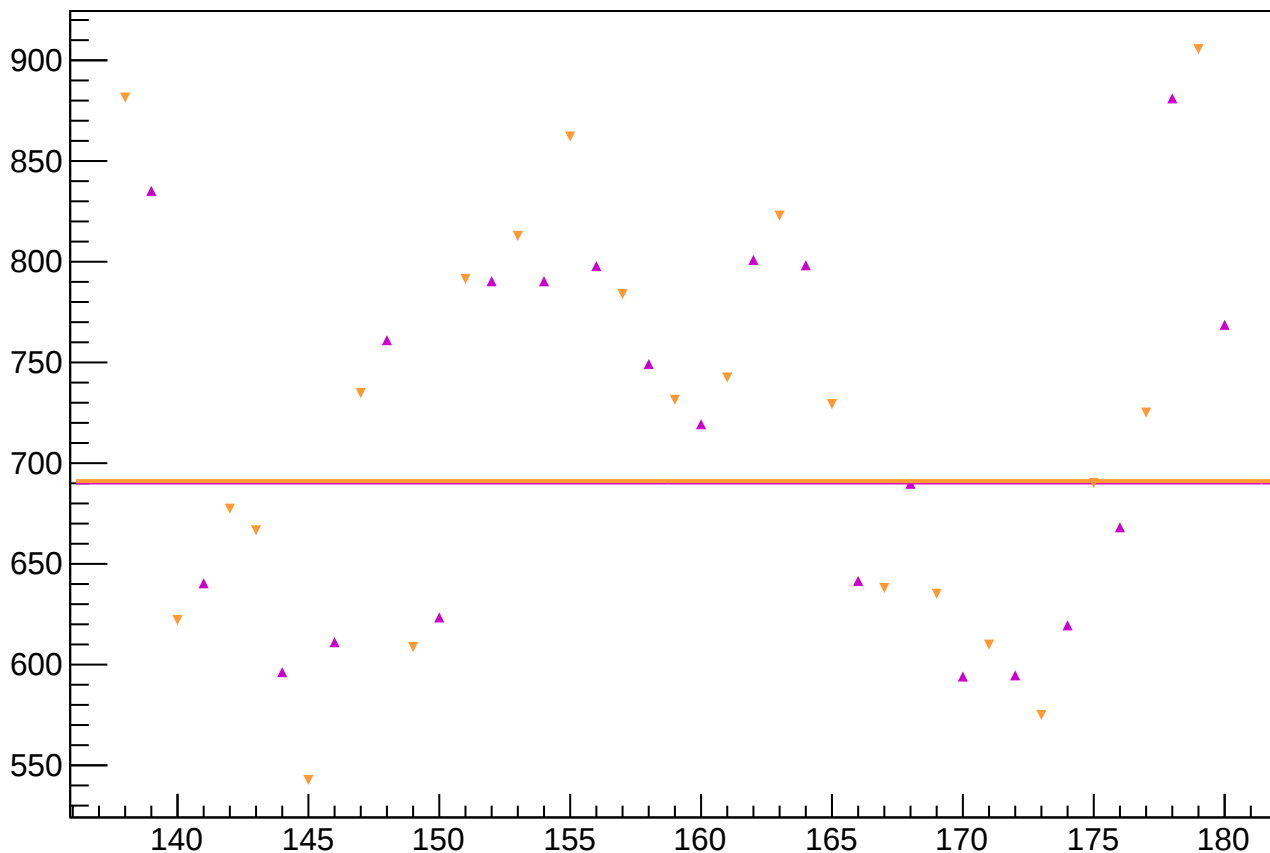
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -130.523+/-171.265 χ^2/NDF :23.7/20

Out: 921.704+/-170.940 χ^2/NDF :39.8/21

All: 396.591+/-120.988 χ^2/NDF : 82.4/42

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 691.074+/-0.121 χ^2/NDF :642931.7/21

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

Left In: 690.406+/-0.121 χ^2/NDF :506641.0/20

Left: 690.741+/-0.086 χ^2/NDF : 1149587.9/42

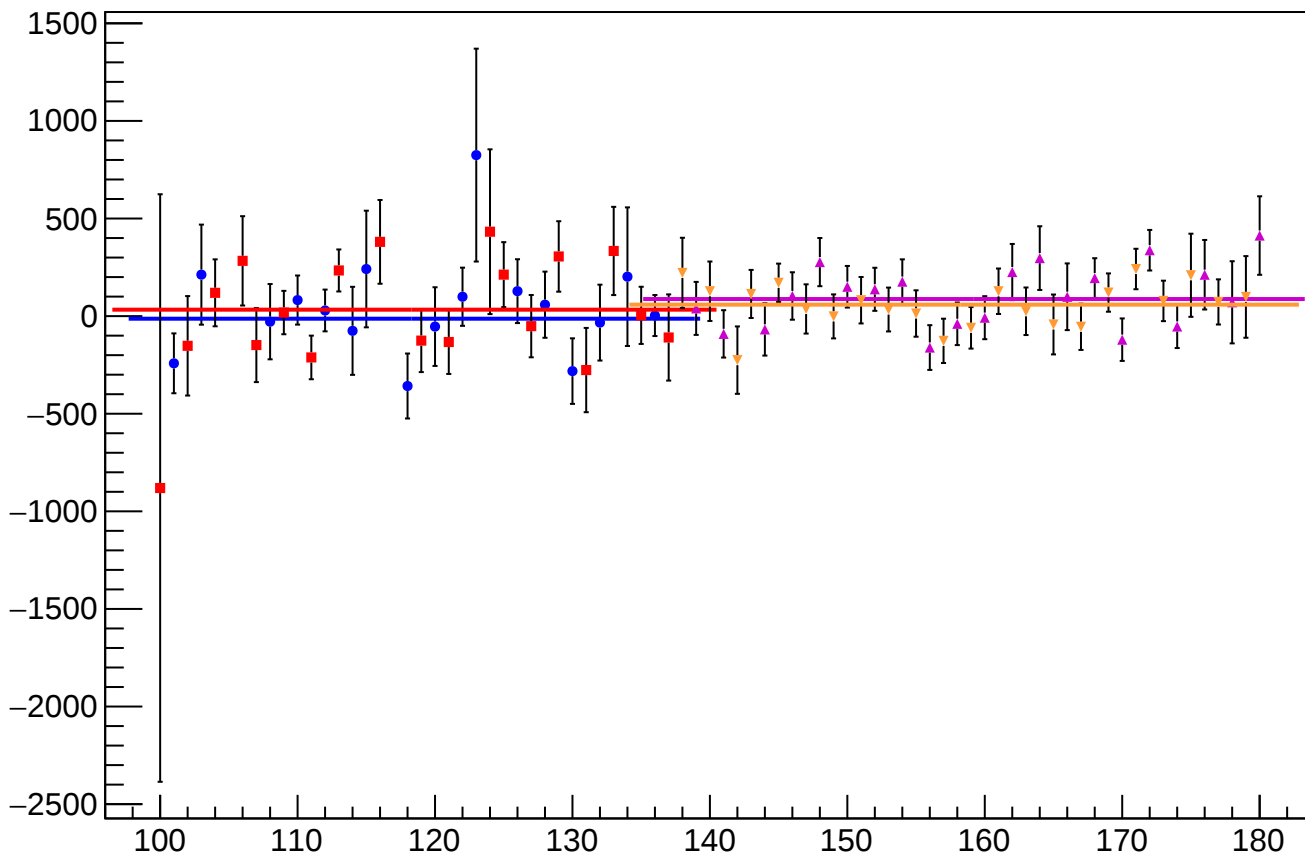
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 690.406+/-0.121 χ^2/NDF :506641.0/20

Out: 691.074+/-0.121 χ^2/NDF :642931.7/21

All: 690.741+/-0.086 χ^2/NDF : 1149587.9/42

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 58.745 ± 26.085 $\chi^2/\text{NDF}: 15.5/21$

Right Out: 33.027 ± 38.878 $\chi^2/\text{NDF}: 25.1/18$

Left In: 87.590 ± 27.164 $\chi^2/\text{NDF}: 31.8/20$

Left: 72.583 ± 18.815 $\chi^2/\text{NDF}: 48.0/42$

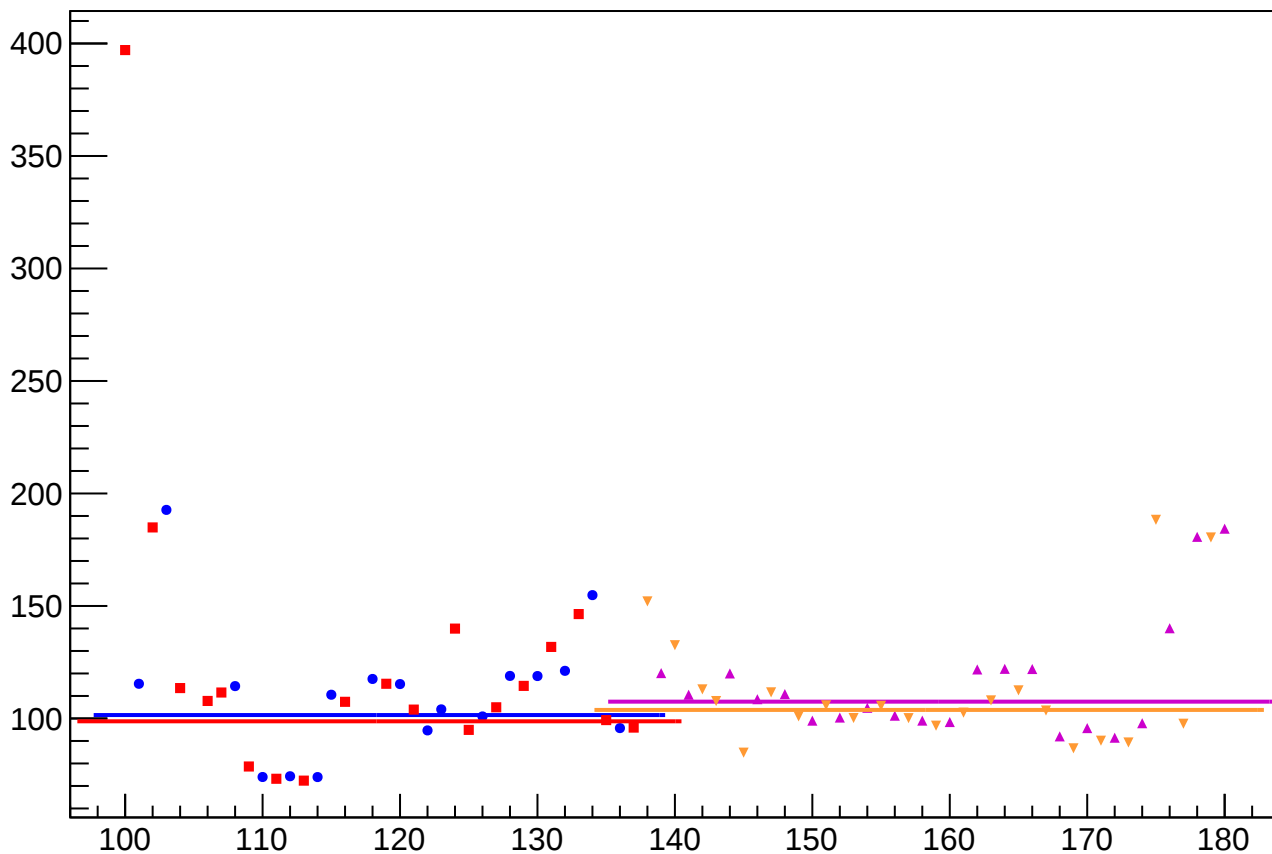
Right: 10.881 ± 28.065 $\chi^2/\text{NDF}: 41.4/35$

In: 56.370 ± 22.569 $\chi^2/\text{NDF}: 51.8/37$

Out: 50.762 ± 21.661 $\chi^2/\text{NDF}: 40.9/40$

All: 53.451 ± 15.628 $\chi^2/\text{NDF}: 92.8/78$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 $\chi^2/\text{NDF}: 681713.7/16$

Left Out: 103.796 ± 0.018 $\chi^2/\text{NDF}: 1052977.4/21$

Right Out: 98.736 ± 0.027 $\chi^2/\text{NDF}: 825631.4/18$

Left In: 107.473 ± 0.019 $\chi^2/\text{NDF}: 875257.9/20$

Left: 105.560 ± 0.013 $\chi^2/\text{NDF}: 1947304.8/42$

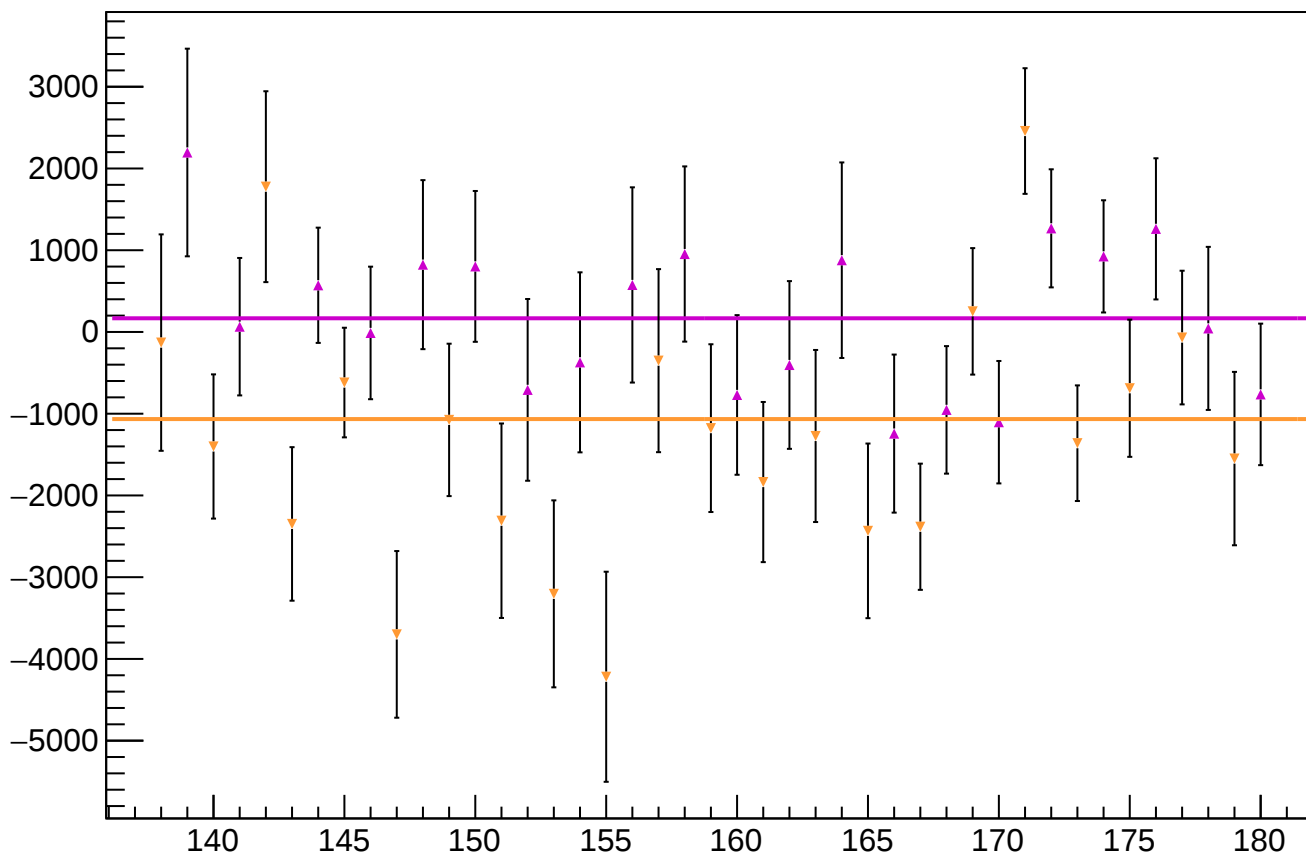
Right: 100.069 ± 0.020 $\chi^2/\text{NDF}: 1512254.1/35$

In: 105.629 ± 0.016 $\chi^2/\text{NDF}: 1586729.6/37$

Out: 102.225 ± 0.015 $\chi^2/\text{NDF}: 1901968.9/40$

All: 103.857 ± 0.011 $\chi^2/\text{NDF}: 3512381.9/78$

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1065.653+/-197.840 χ^2/NDF :57.8/21

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

Left In: 167.323+/-196.888 χ^2/NDF :20.3/20

Left: -446.191+/-139.556 χ^2/NDF : 97.6/42

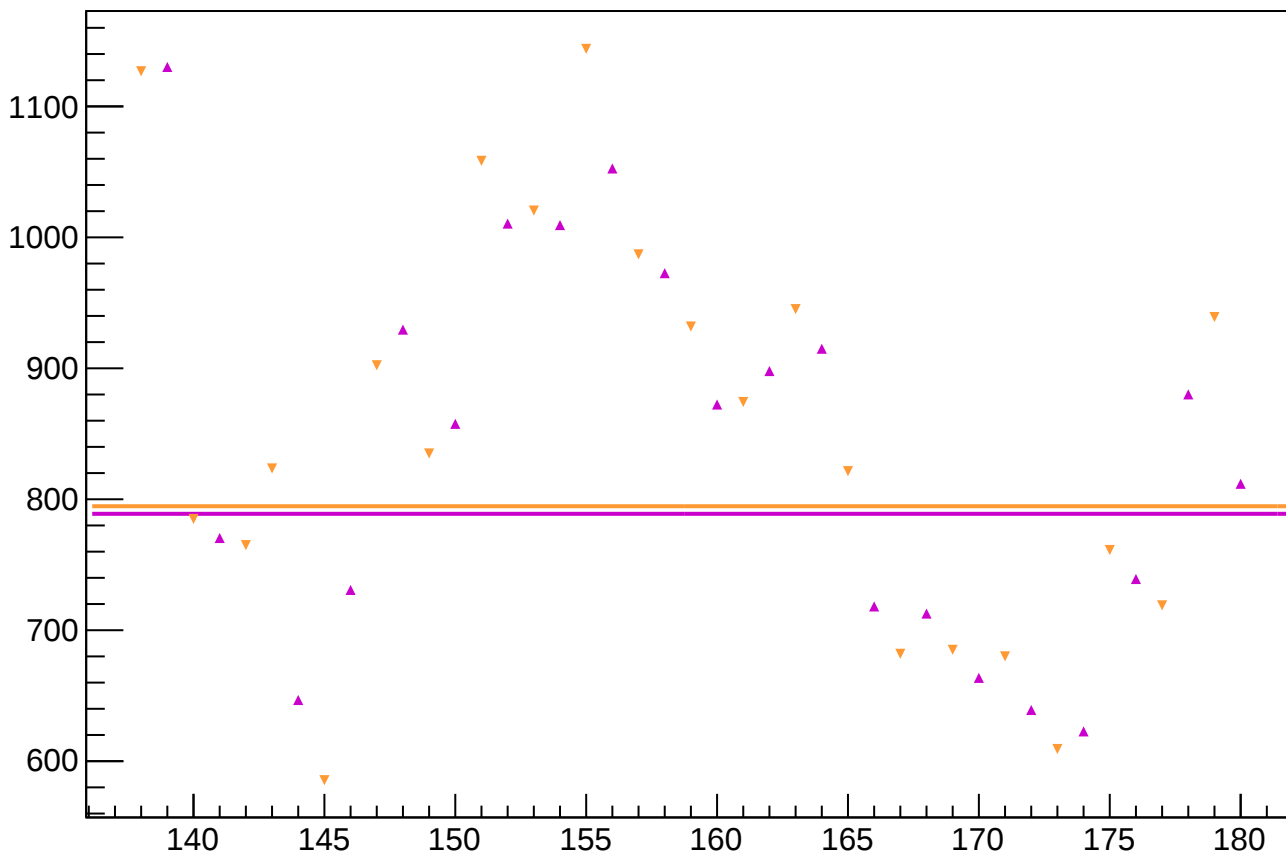
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 167.323+/-196.888 χ^2/NDF :20.3/20

Out: -1065.653+/-197.840 χ^2/NDF :57.8/21

All: -446.191+/-139.556 χ^2/NDF : 97.6/42

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 794.683+/-0.140 χ^2/NDF :1146214.8/21

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

Left In: 788.891+/-0.139 χ^2/NDF :974130.3/20

Left: 791.773+/-0.099 χ^2/NDF : 2121206.3/42

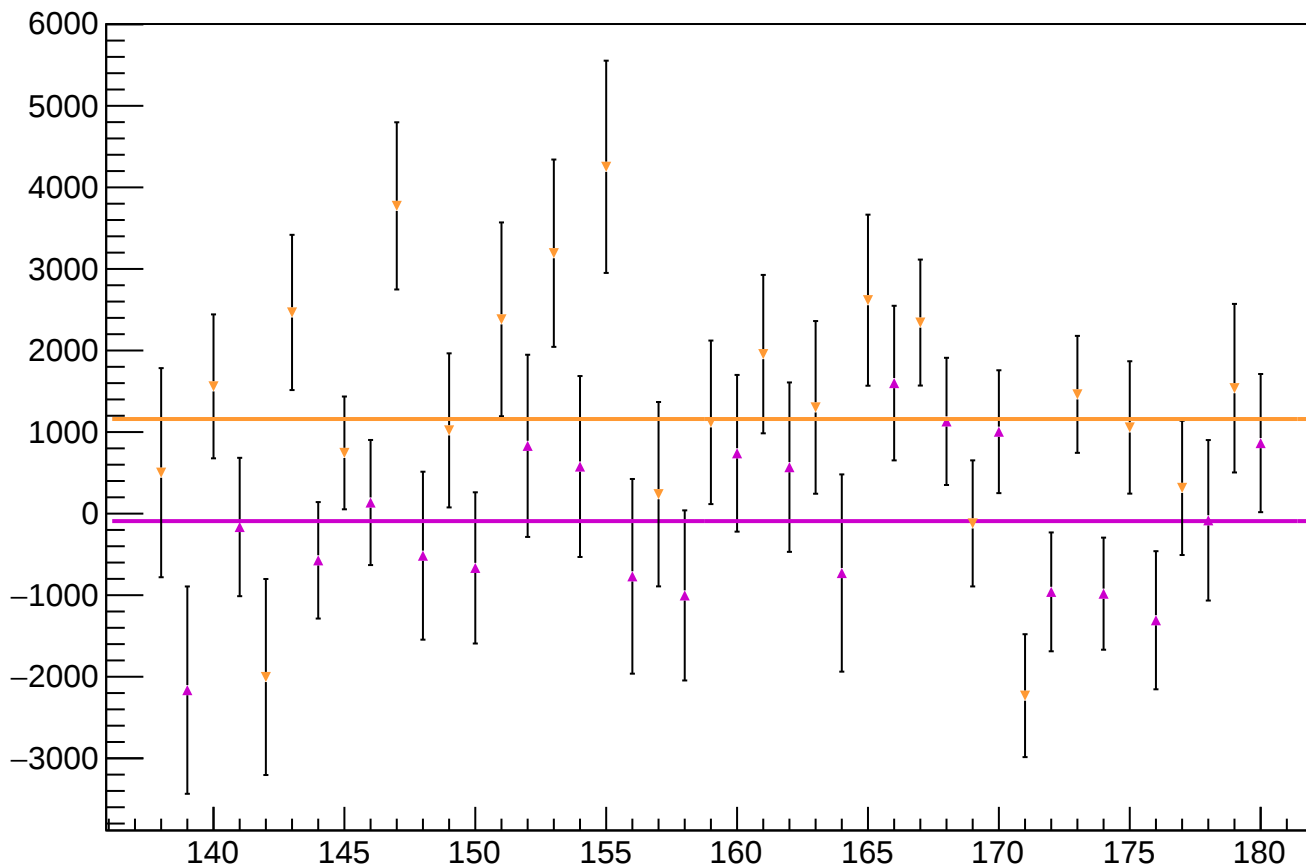
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 788.891+/-0.139 χ^2/NDF :974130.3/20

Out: 794.683+/-0.140 χ^2/NDF :1146214.8/21

All: 791.773+/-0.099 χ^2/NDF : 2121206.3/42

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 1159.993 ± 197.885 $\chi^2/\text{NDF}: 56.0/21$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -91.765 ± 195.923 $\chi^2/\text{NDF}: 21.5/20$

Left: 527.878 ± 139.227 $\chi^2/\text{NDF}: 97.7/42$

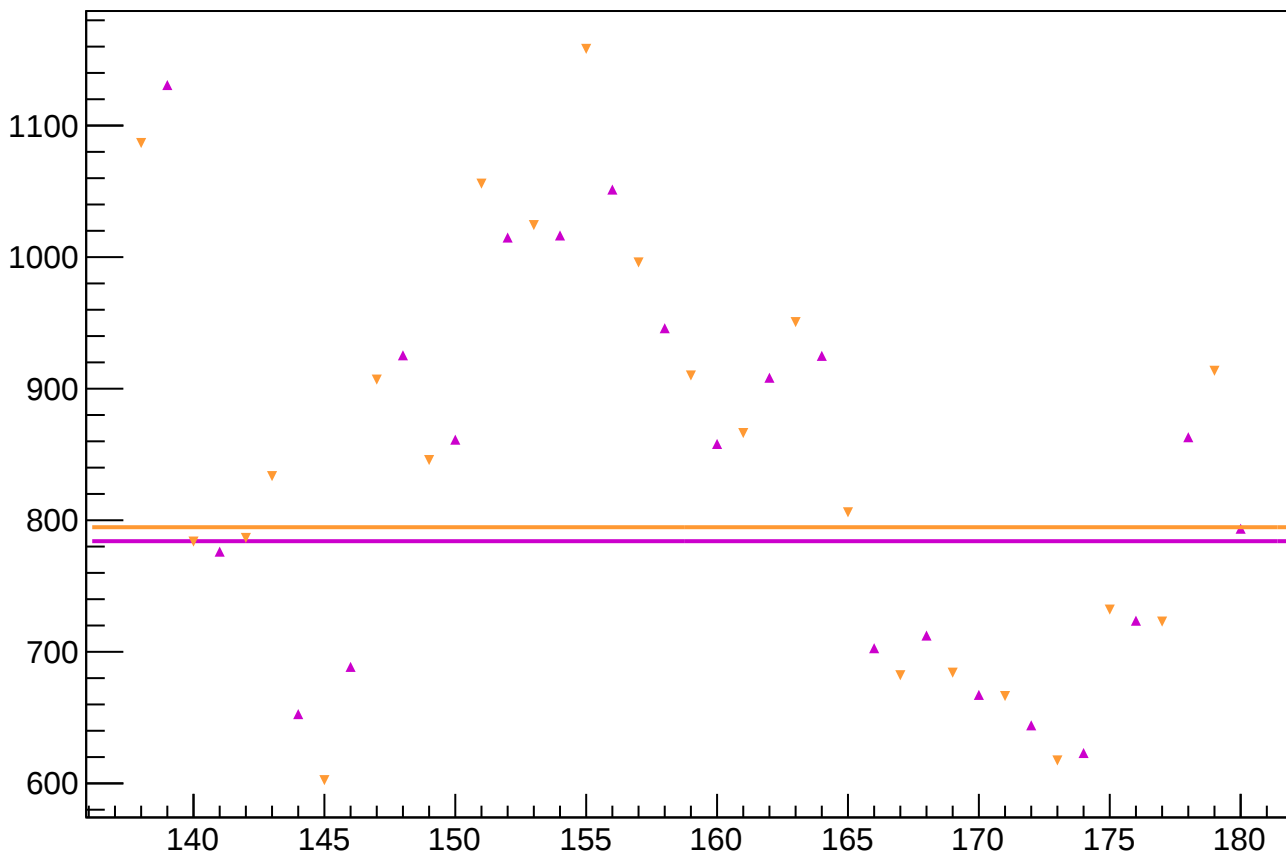
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -91.765 ± 195.923 $\chi^2/\text{NDF}: 21.5/20$

Out: 1159.993 ± 197.885 $\chi^2/\text{NDF}: 56.0/21$

All: 527.878 ± 139.227 $\chi^2/\text{NDF}: 97.7/42$

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 794.714+/-0.140 χ^2/NDF :1086089.7/21

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

Left In: 784.094+/-0.139 χ^2/NDF :975246.0/20

Left: 789.351+/-0.098 χ^2/NDF : 2064244.5/42

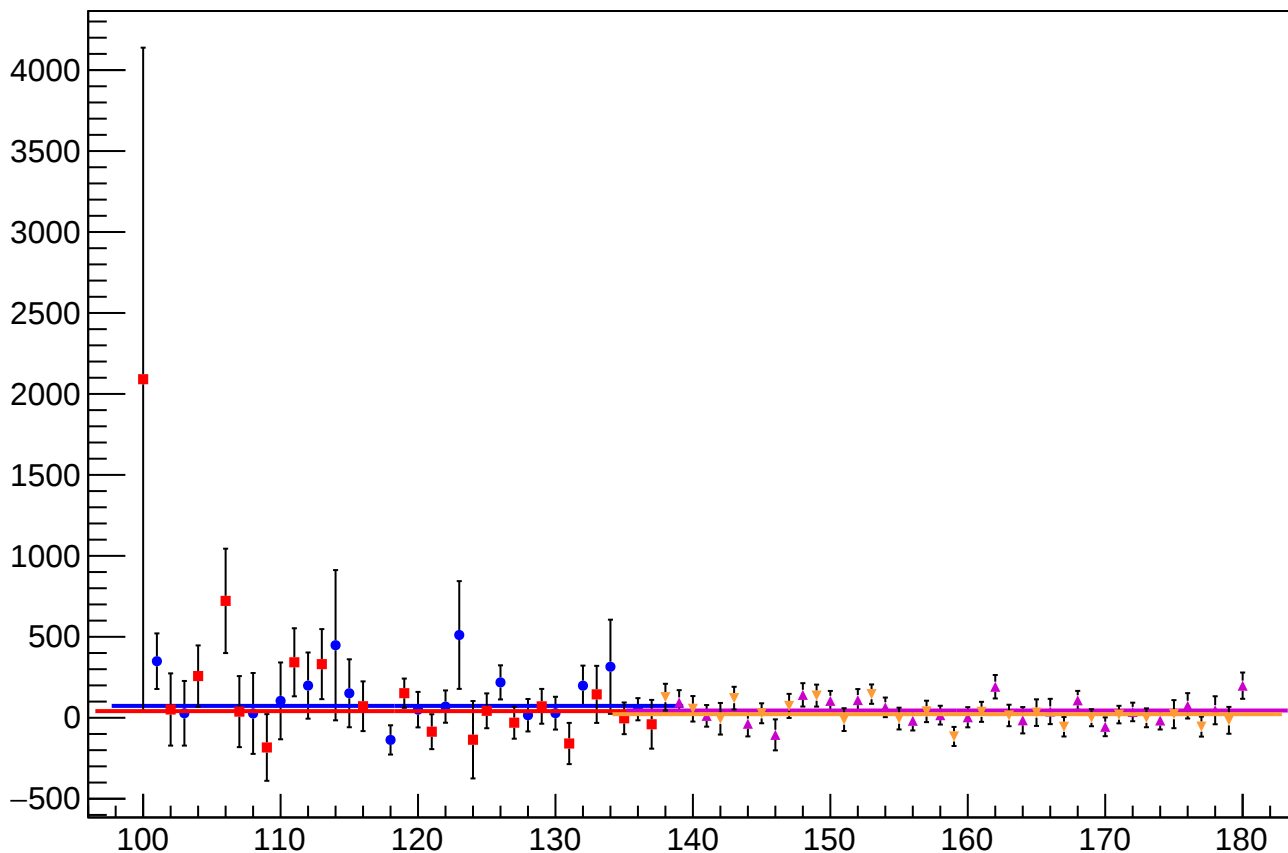
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.094+/-0.139 χ^2/NDF :975246.0/20

Out: 794.714+/-0.140 χ^2/NDF :1086089.7/21

All: 789.351+/-0.098 χ^2/NDF : 2064244.5/42

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: 22.314 $\pm$ 14.212 χ^2 /NDF:21.2/21

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 44.999 $\pm$ 14.714 χ^2 /NDF:23.5/20

Left: 33.263 $\pm$ 10.222 χ^2 /NDF: 46.0/42

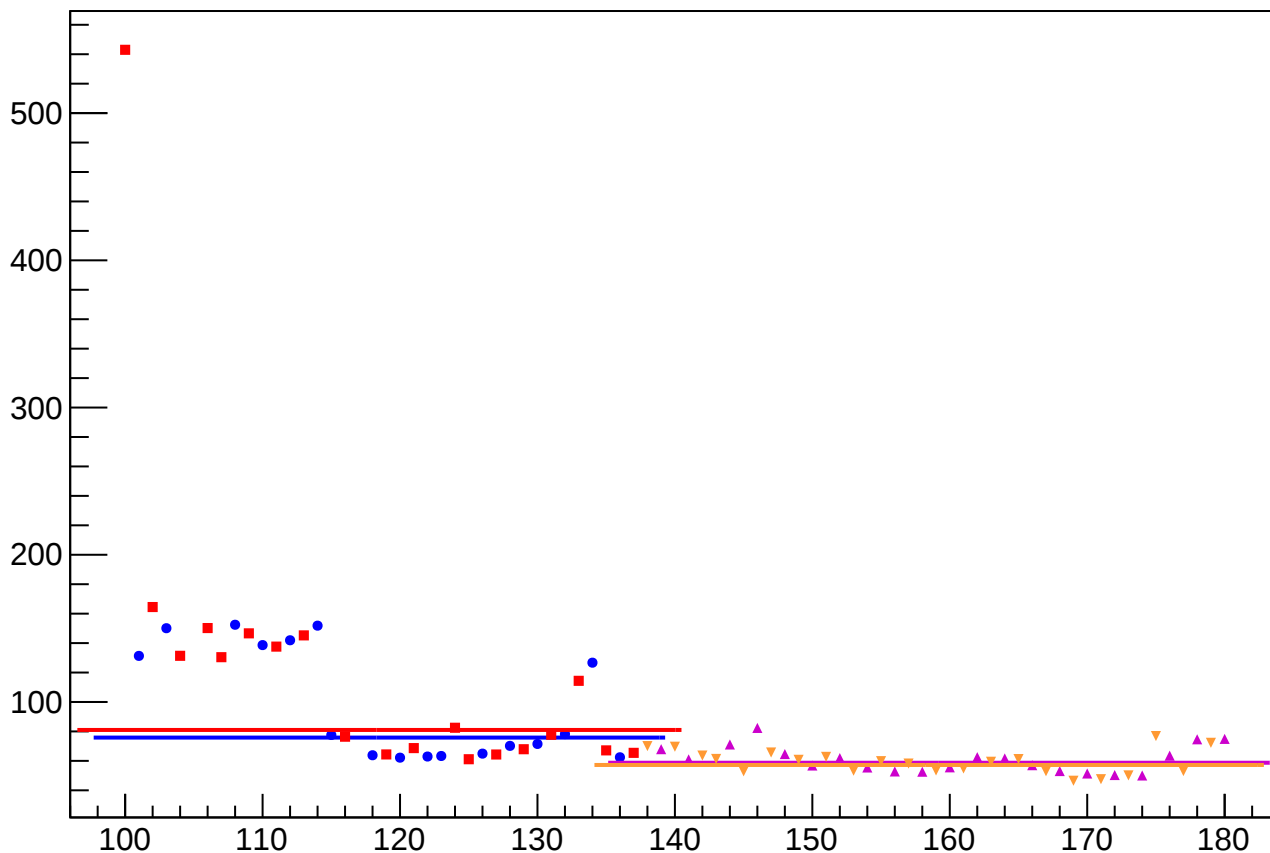
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 50.213 $\pm$ 13.298 χ^2 /NDF:39.5/37

Out: 25.296 $\pm$ 13.037 χ^2 /NDF:40.7/40

All: 37.508 $\pm$ 9.309 χ^2 /NDF: 82.0/78

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: 57.219 $\pm$ 0.010 χ^2 /NDF: 560282.7/21

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 58.731 $\pm$ 0.010 χ^2 /NDF: 580801.3/20

Left: 57.948 $\pm$ 0.007 χ^2 /NDF: 1152013.6/42

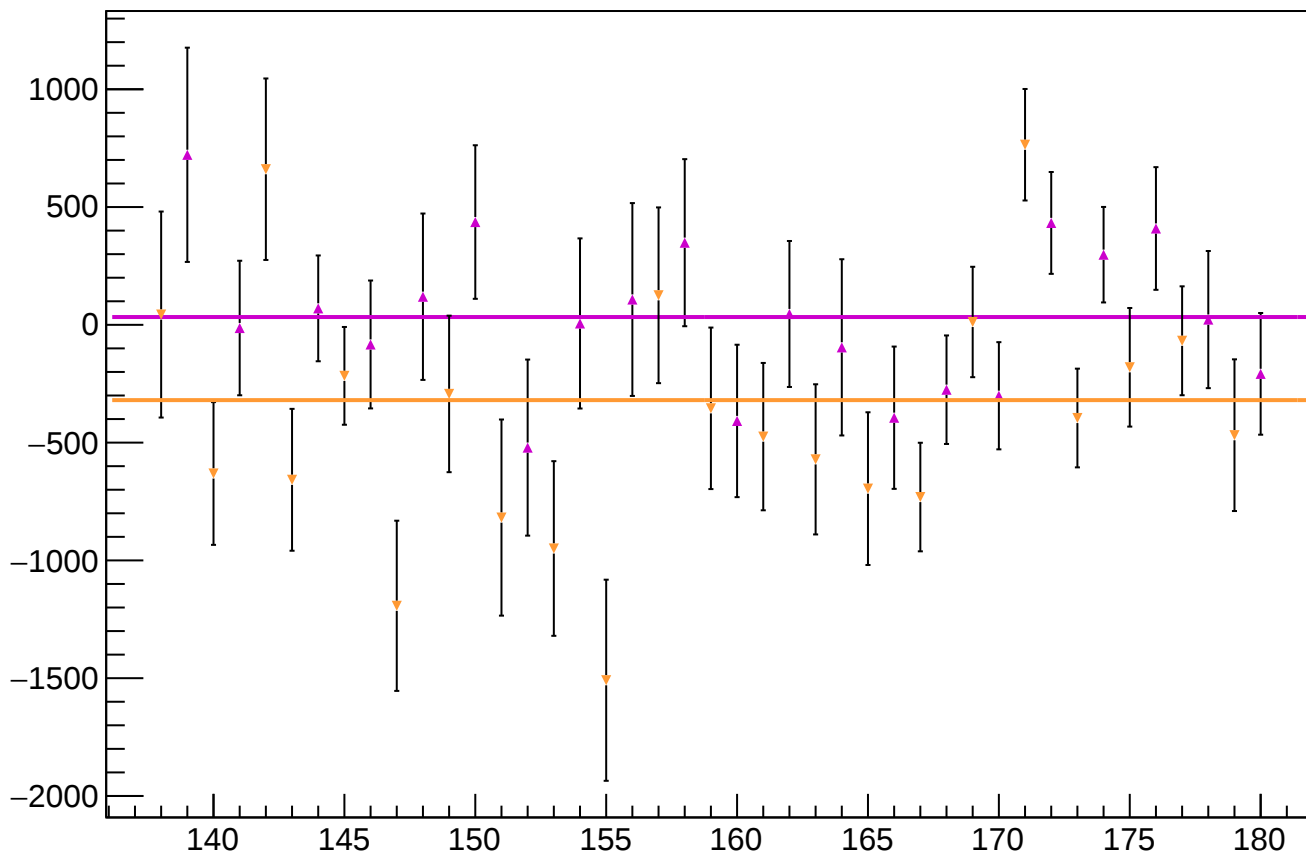
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 61.863 $\pm$ 0.009 χ^2 /NDF: 2425204.2/37

Out: 60.989 $\pm$ 0.009 χ^2 /NDF: 3076032.2/40

All: 61.417 $\pm$ 0.007 χ^2 /NDF: 5505639.6/78

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -319.610+/-62.083 χ^2/NDF : 59.3/21

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

Left In: 33.124+/-61.995 χ^2/NDF : 23.2/20

Left: -142.991+/-43.868 χ^2/NDF : 98.6/42

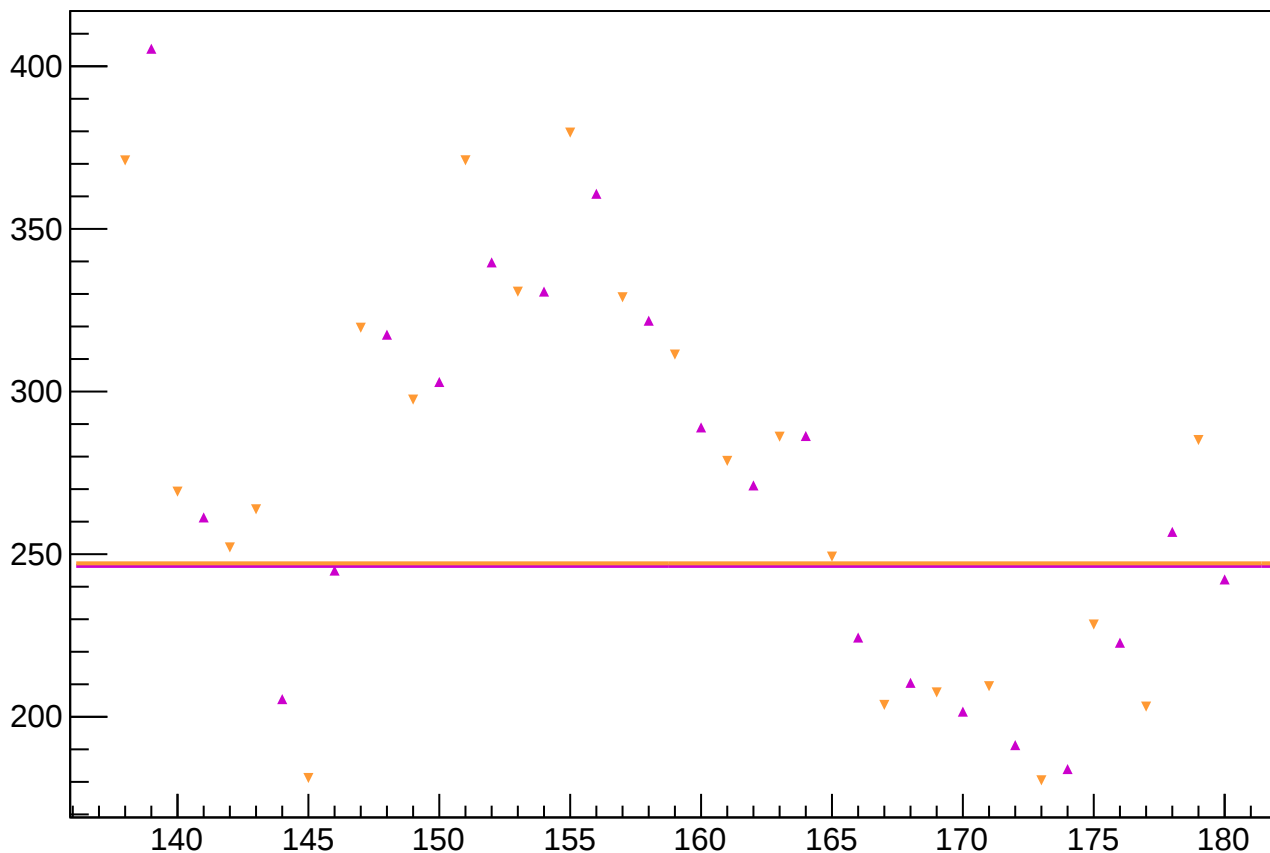
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 33.124+/-61.995 χ^2/NDF : 23.2/20

Out: -319.610+/-62.083 χ^2/NDF : 59.3/21

All: -142.991+/-43.868 χ^2/NDF : 98.6/42

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 247.184+/-0.044 χ^2/NDF :1687451.7/21

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

Left In: 246.401+/-0.044 χ^2/NDF :1484439.9/20

Left: 246.792+/-0.031 χ^2/NDF : 3172051.0/42

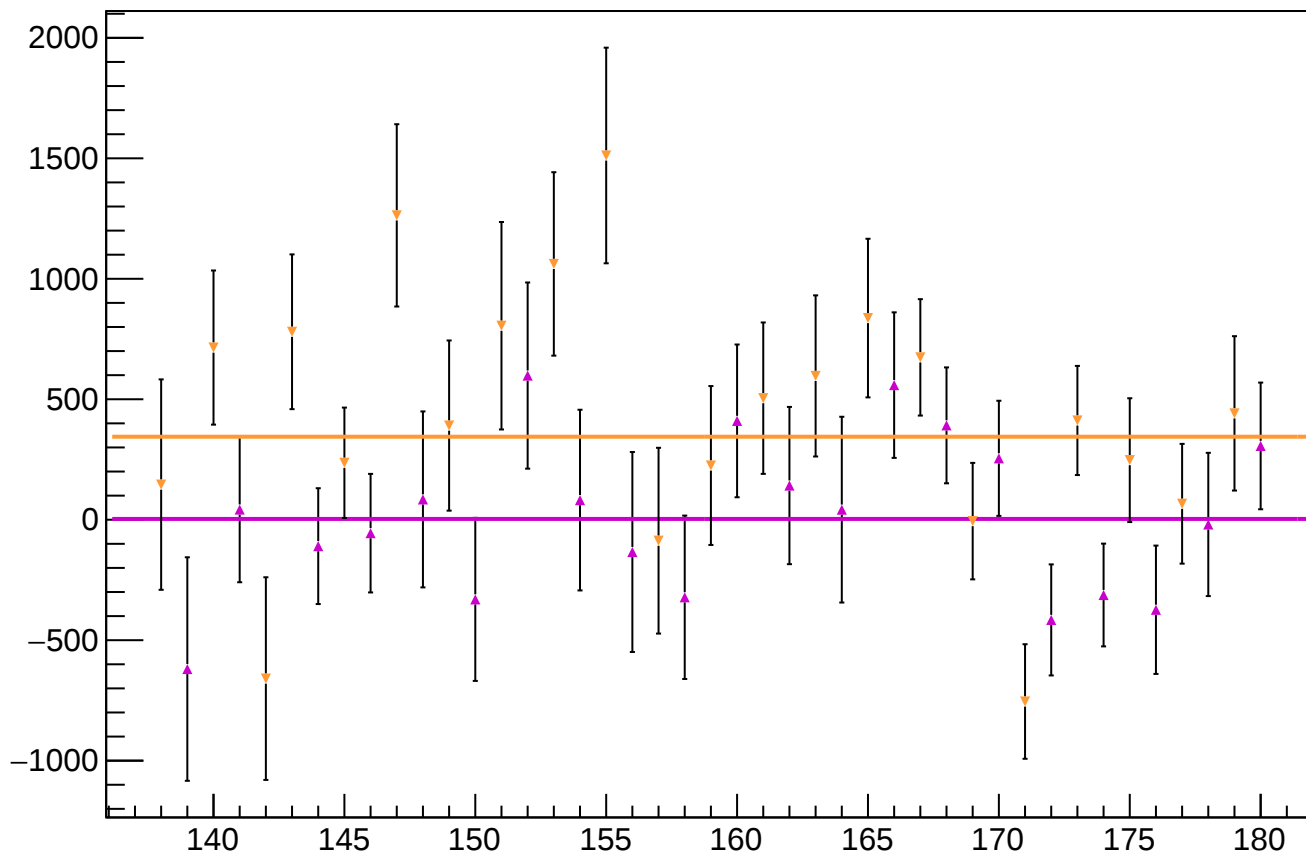
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.401+/-0.044 χ^2/NDF :1484439.9/20

Out: 247.184+/-0.044 χ^2/NDF :1687451.7/21

All: 246.792+/-0.031 χ^2/NDF : 3172051.0/42

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 344.596+/-64.760 χ^2/NDF :58.1/21

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

Left In: 3.312+/-63.690 χ^2/NDF :24.3/20

Left: 171.113+/-45.409 χ^2/NDF : 96.5/42

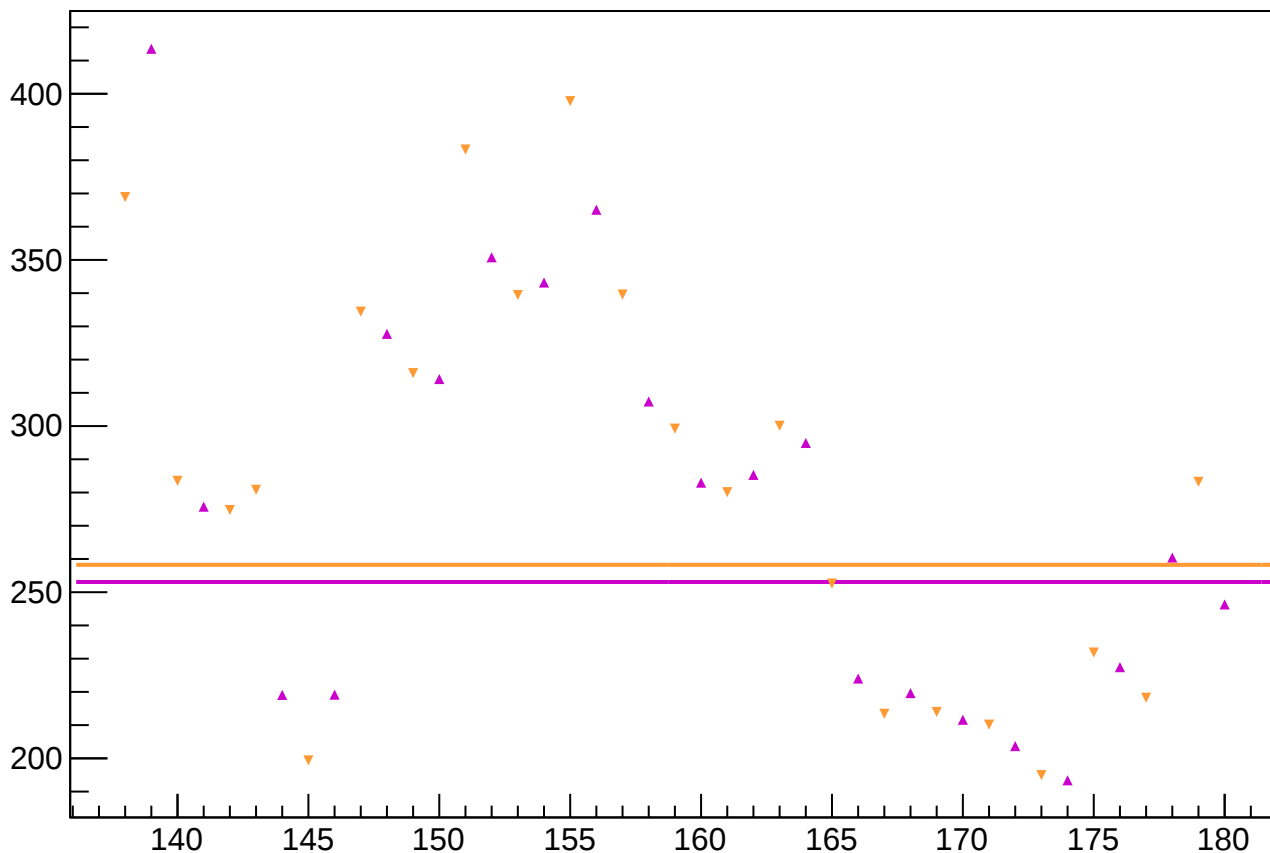
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.312+/-63.690 χ^2/NDF :24.3/20

Out: 344.596+/-64.760 χ^2/NDF :58.1/21

All: 171.113+/-45.409 χ^2/NDF : 96.5/42

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 258.233+/-0.046 χ^2/NDF :1495029.4/21

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

Left In: 253.076+/-0.045 χ^2/NDF :1365800.1/20

Left: 255.612+/-0.032 χ^2/NDF : 2867276.2/42

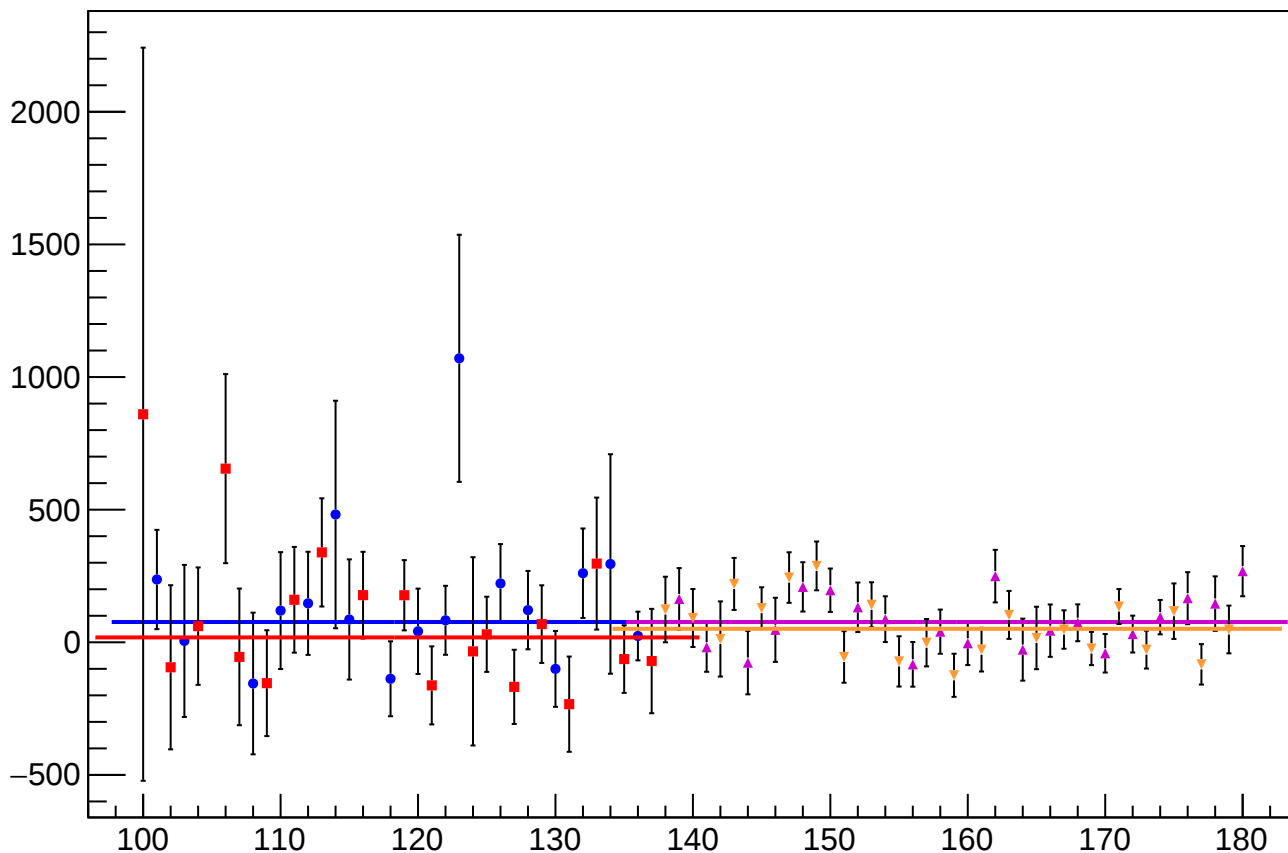
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.076+/-0.045 χ^2/NDF :1365800.1/20

Out: 258.233+/-0.046 χ^2/NDF :1495029.4/21

All: 255.612+/-0.032 χ^2/NDF : 2867276.2/42

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 50.835 $\pm$ 18.490 χ^2 /NDF:33.3/21

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 76.461 $\pm$ 19.227 χ^2 /NDF:25.1/20

Left: 63.147 $\pm$ 13.327 χ^2 /NDF: 59.3/42

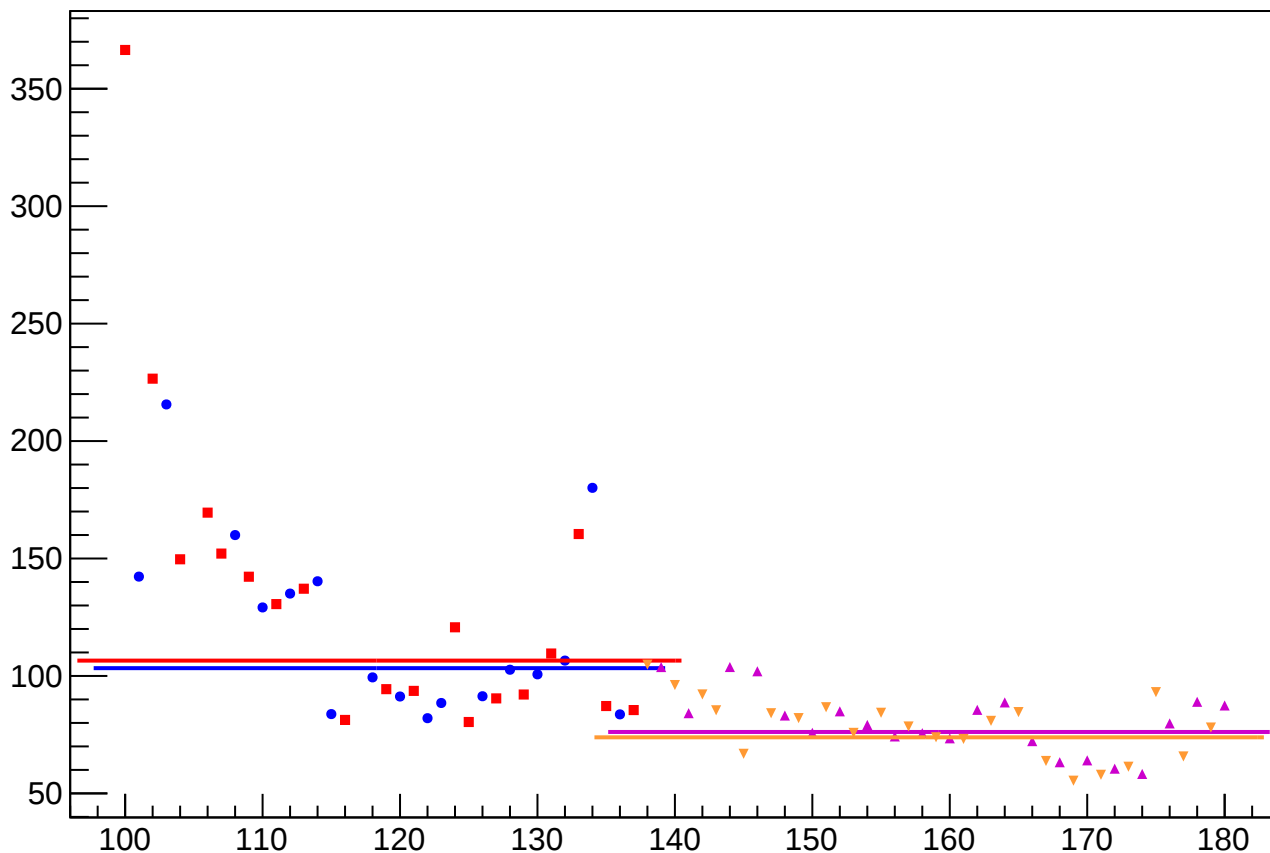
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 76.468 $\pm$ 17.450 χ^2 /NDF:39.0/37

Out: 45.626 $\pm$ 16.941 χ^2 /NDF:51.0/40

All: 60.591 $\pm$ 12.155 χ^2 /NDF: 91.6/78

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 73.868 $\pm$ 0.013 χ^2 /NDF: 903662.9/21

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 76.152 $\pm$ 0.014 χ^2 /NDF: 844611.6/20

Left: 74.965 $\pm$ 0.009 χ^2 /NDF: 1762932.7/42

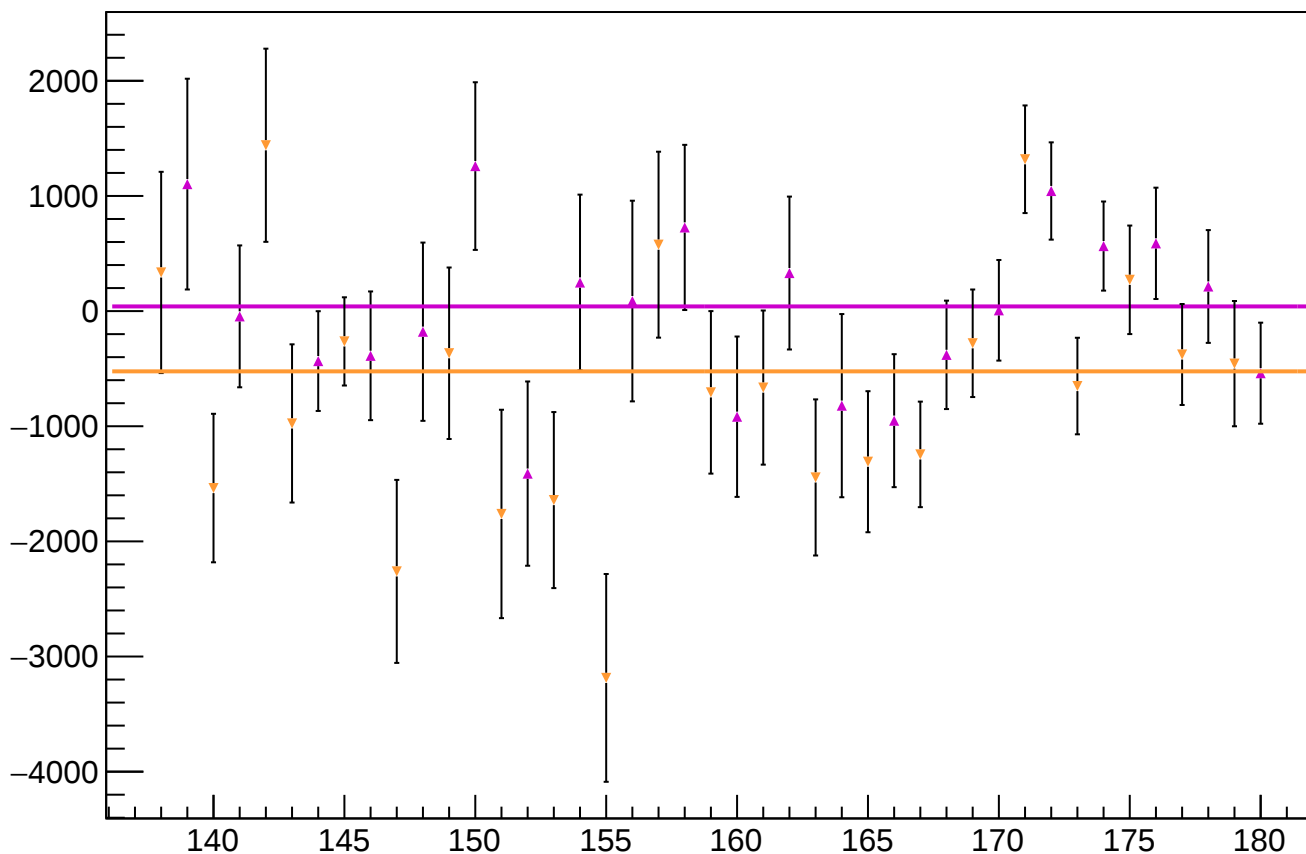
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 80.941 $\pm$ 0.012 χ^2 /NDF: 2386365.8/37

Out: 79.113 $\pm$ 0.012 χ^2 /NDF: 2977401.0/40

All: 80.000 $\pm$ 0.009 χ^2 /NDF: 5375076.0/78

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -523.344+/-124.108 χ^2/NDF :54.2/21

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

Left In: 40.598+/-122.141 χ^2/NDF :28.0/20

Left: -236.868+/-87.054 χ^2/NDF : 92.6/42

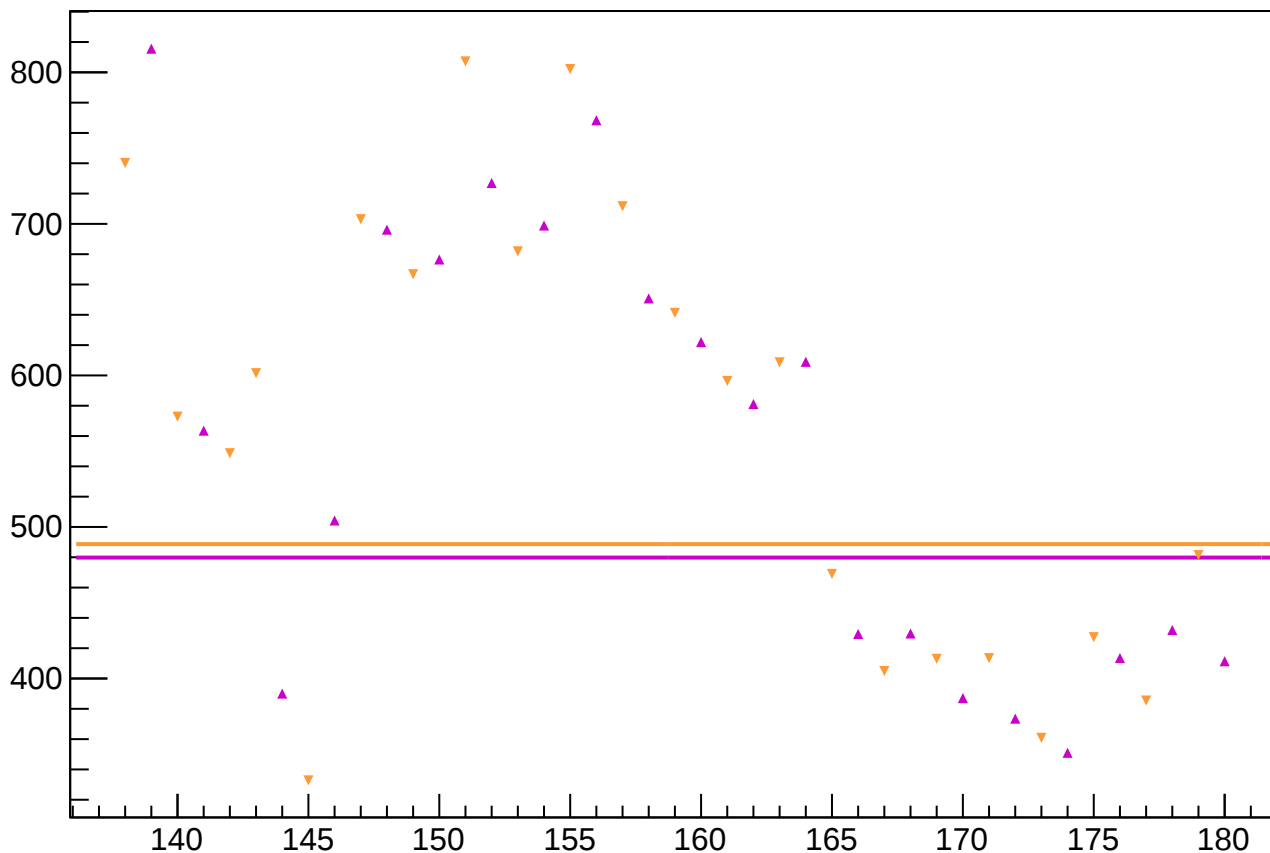
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.598+/-122.141 χ^2/NDF :28.0/20

Out: -523.344+/-124.108 χ^2/NDF :54.2/21

All: -236.868+/-87.054 χ^2/NDF : 92.6/42

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 488.694+/-0.088 χ^2/NDF :2336340.4/21

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

Left In: 479.801+/-0.086 χ^2/NDF :2151100.7/20

Left: 484.176+/-0.062 χ^2/NDF : 4492658.5/42

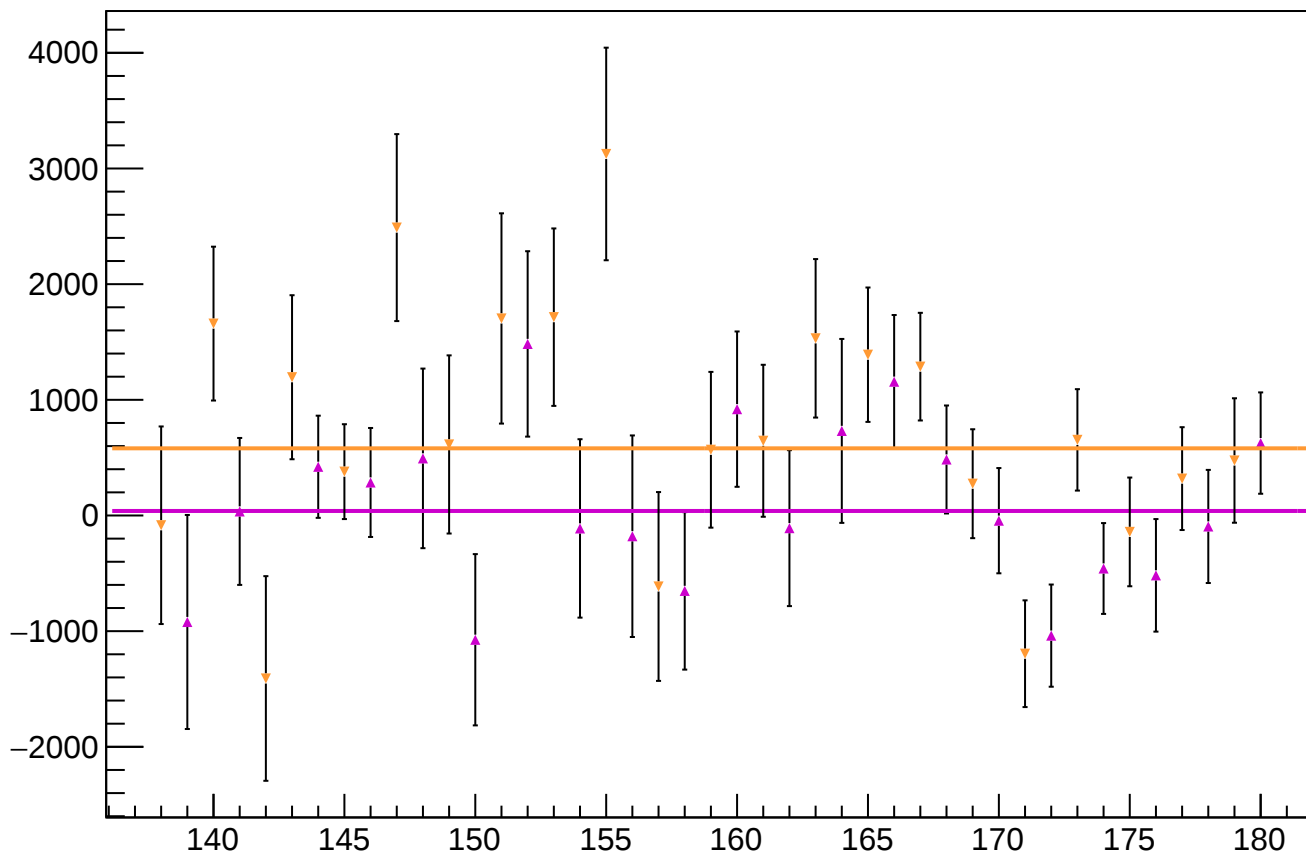
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 479.801+/-0.086 χ^2/NDF :2151100.7/20

Out: 488.694+/-0.088 χ^2/NDF :2336340.4/21

All: 484.176+/-0.062 χ^2/NDF : 4492658.5/42

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 580.656+/-125.641 χ^2/NDF :52.6/21

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

Left In: 39.092+/-122.050 χ^2/NDF :27.0/20

Left: 302.023+/-87.545 χ^2/NDF : 89.2/42

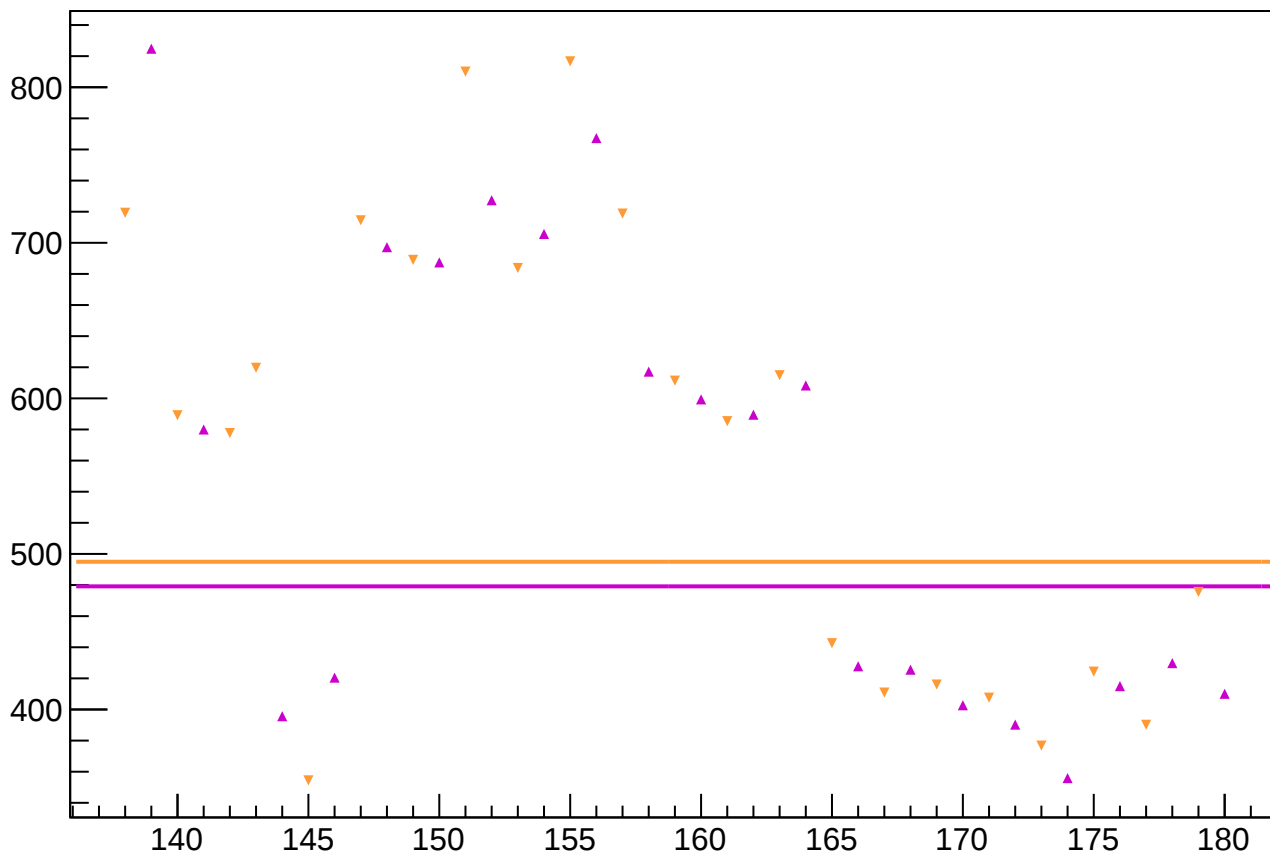
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.092+/-122.050 χ^2/NDF :27.0/20

Out: 580.656+/-125.641 χ^2/NDF :52.6/21

All: 302.023+/-87.545 χ^2/NDF : 89.2/42

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 494.973+/-0.089 χ^2/NDF : 2196660.9/21

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

Left In: 479.152+/-0.086 χ^2/NDF : 2065382.8/20

Left: 486.833+/-0.062 χ^2/NDF : 4278359.6/42

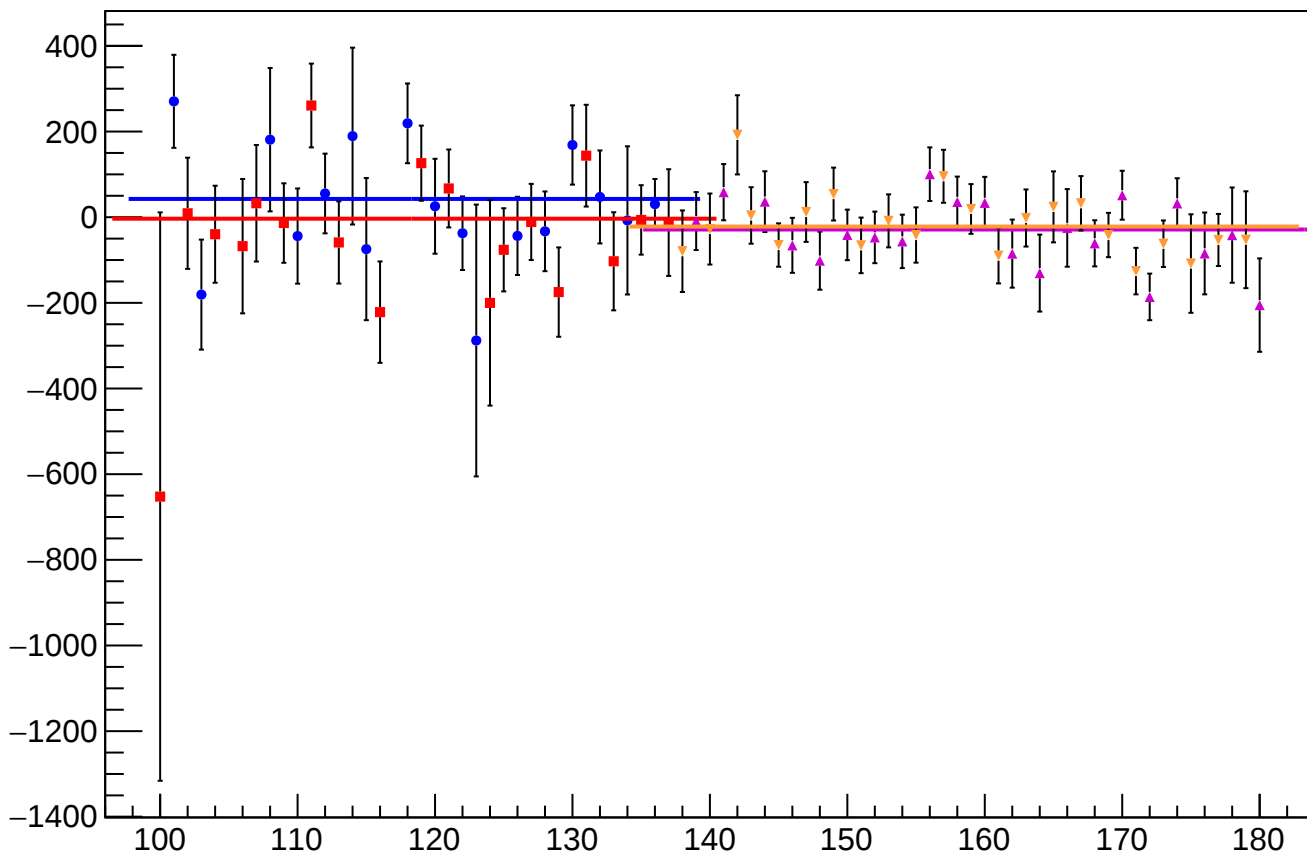
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 479.152+/-0.086 χ^2/NDF : 2065382.8/20

Out: 494.973+/-0.089 χ^2/NDF : 2196660.9/21

All: 486.833+/-0.062 χ^2/NDF : 4278359.6/42

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -21.860 $\pm$ 14.018 χ^2 /NDF:20.5/21

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -28.749 $\pm$ 14.588 χ^2 /NDF:27.5/20

Left: -25.168 $\pm$ 10.108 χ^2 /NDF: 48.2/42

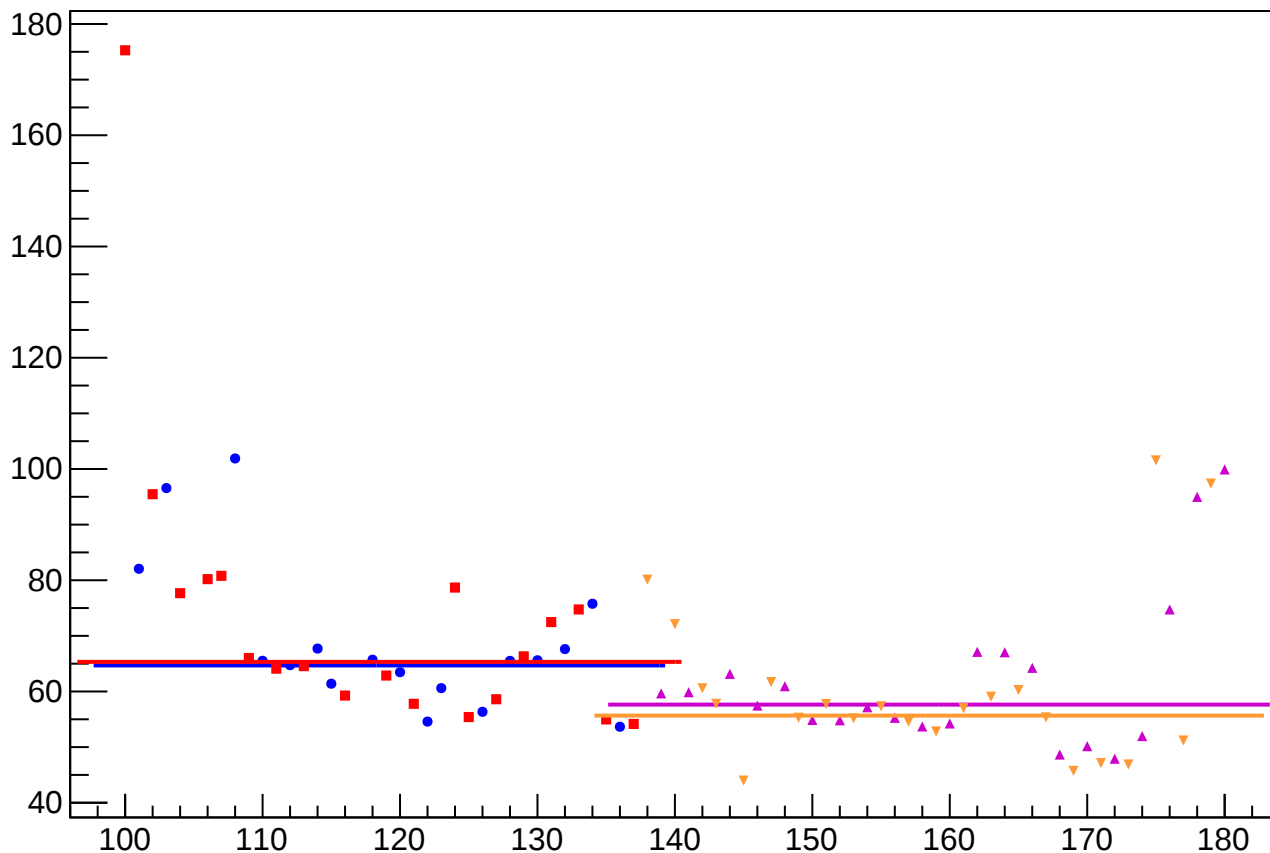
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: -11.128 $\pm$ 12.661 χ^2 /NDF:52.3/37

Out: -17.488 $\pm$ 12.235 χ^2 /NDF:42.3/40

All: -14.416 $\pm$ 8.798 χ^2 /NDF: 94.8/78

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 55.665 $\pm$ 0.010 χ^2 /NDF:1137577.6/21

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 57.642 $\pm$ 0.010 χ^2 /NDF:871133.5/20

Left: 56.615 $\pm$ 0.007 χ^2 /NDF: 2027806.2/42

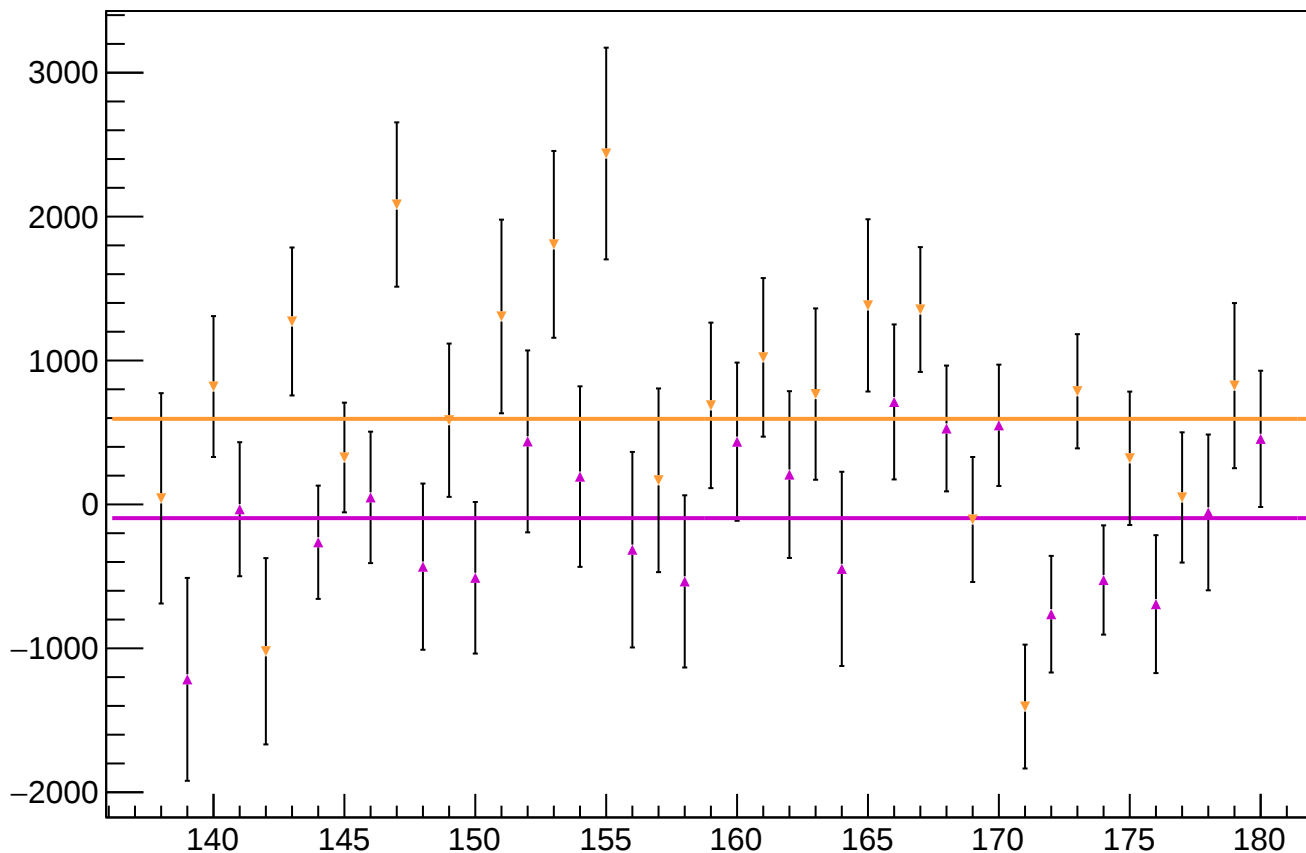
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 59.380 $\pm$ 0.009 χ^2 /NDF:1386372.2/37

Out: 57.966 $\pm$ 0.009 χ^2 /NDF:1723316.4/40

All: 58.649 $\pm$ 0.006 χ^2 /NDF: 3122593.4/78

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: 594.615+/-110.806 χ^2/NDF :59.3/21

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

Left In: -95.248+/-110.075 χ^2/NDF :20.4/20

Left: 247.402+/-78.092 χ^2/NDF : 99.1/42

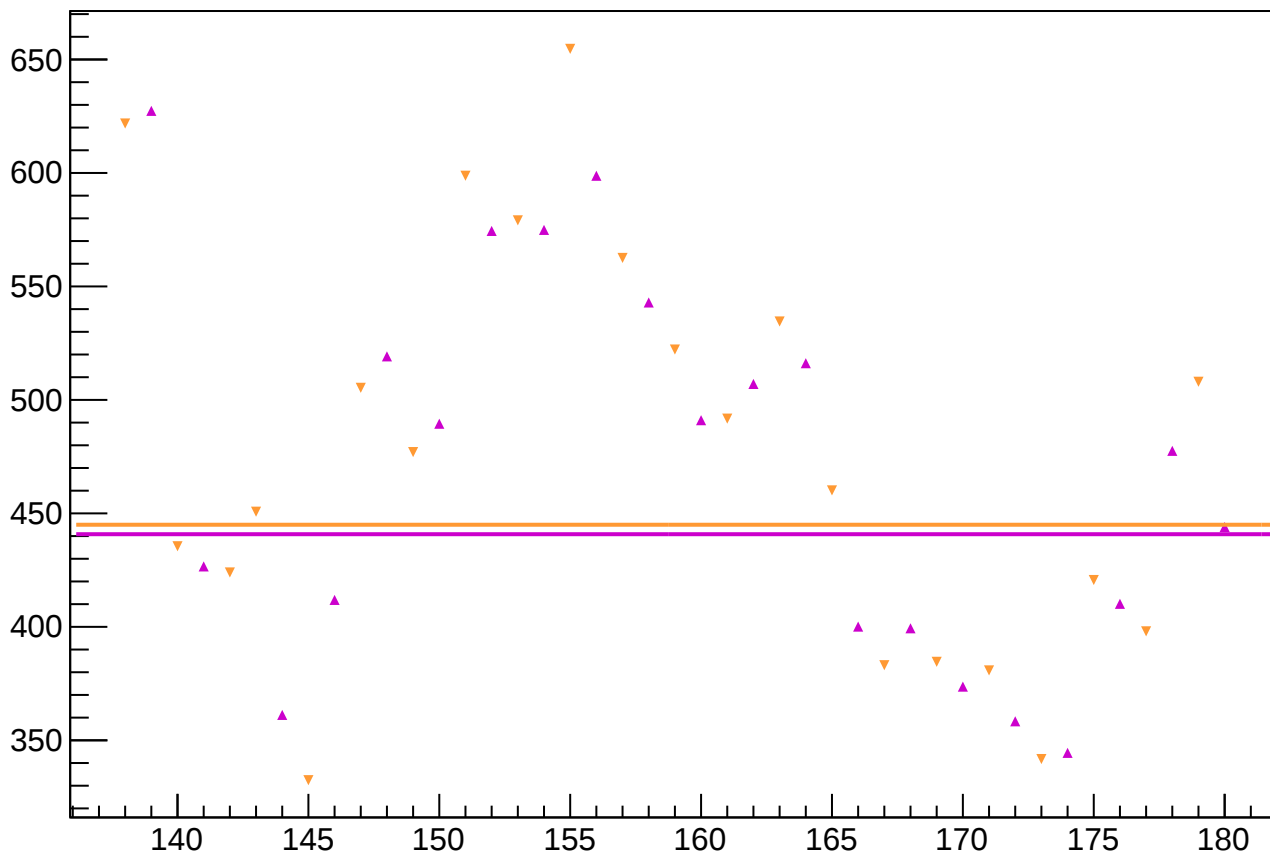
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -95.248+/-110.075 χ^2/NDF :20.4/20

Out: 594.615+/-110.806 χ^2/NDF :59.3/21

All: 247.402+/-78.092 χ^2/NDF : 99.1/42

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: 444.995+/-0.078 χ^2/NDF :1151941.0/21

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

Left In: 440.822+/-0.078 χ^2/NDF :1009880.5/20

Left: 442.895+/-0.055 χ^2/NDF : 2163249.2/42

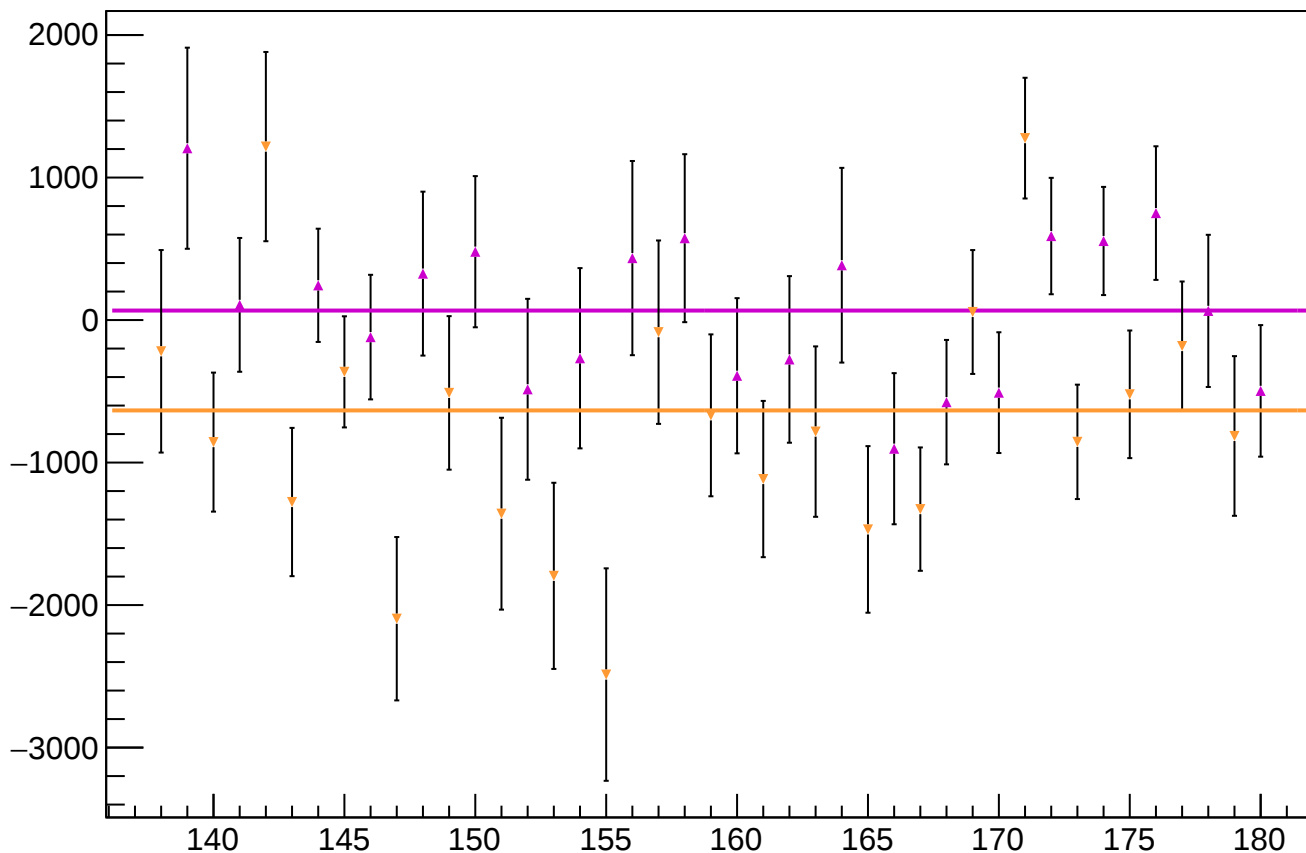
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 440.822+/-0.078 χ^2/NDF :1009880.5/20

Out: 444.995+/-0.078 χ^2/NDF :1151941.0/21

All: 442.895+/-0.055 χ^2/NDF : 2163249.2/42

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -634.072+/-110.711 χ^2/NDF : 57.9/21

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

Left In: 66.709+/-109.629 χ^2/NDF : 21.4/20

Left: -280.240+/-77.899 χ^2/NDF : 99.5/42

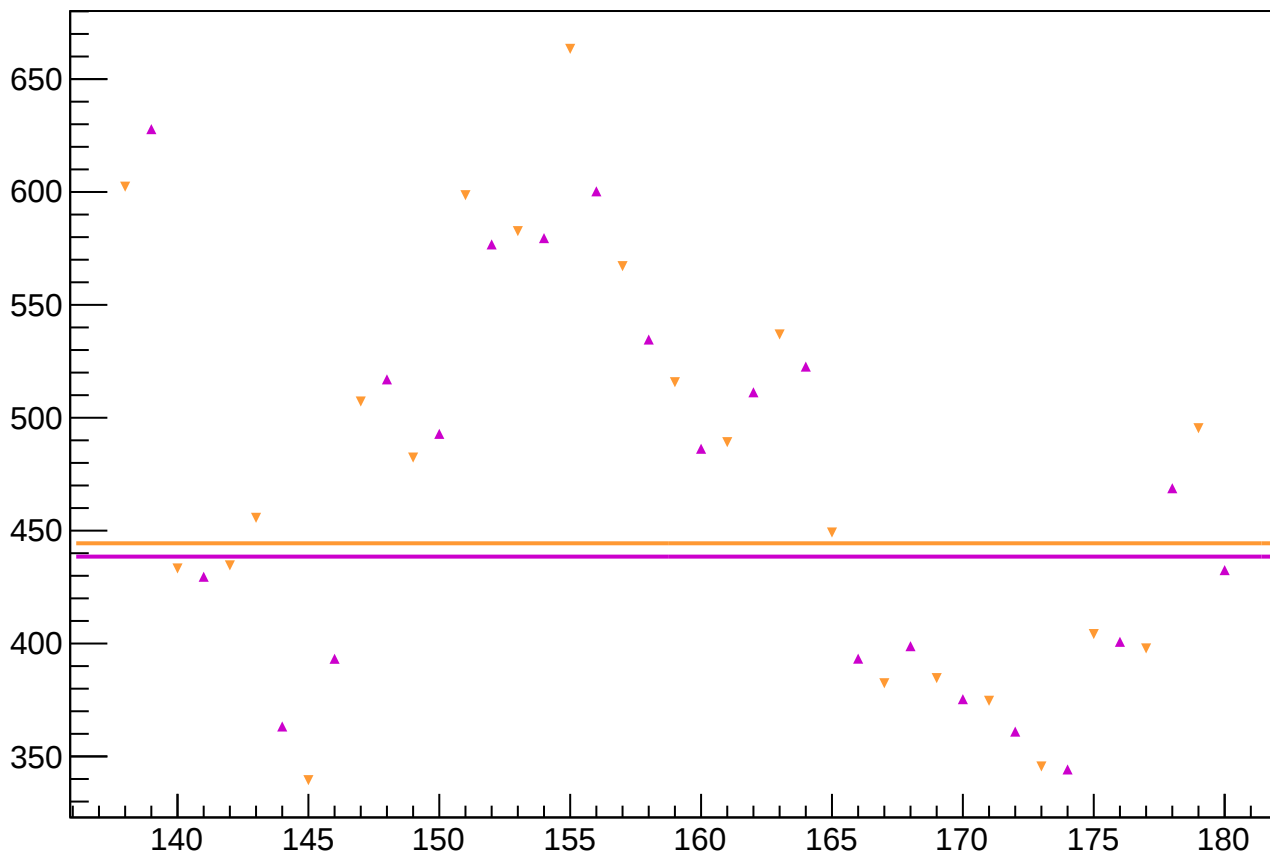
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 66.709+/-109.629 χ^2/NDF : 21.4/20

Out: -634.072+/-110.711 χ^2/NDF : 57.9/21

All: -280.240+/-77.899 χ^2/NDF : 99.5/42

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 444.397+/-0.078 χ^2/NDF :1120952.6/21

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

Left In: 438.494+/-0.078 χ^2/NDF :1023864.8/20

Left: 441.416+/-0.055 χ^2/NDF : 2147687.9/42

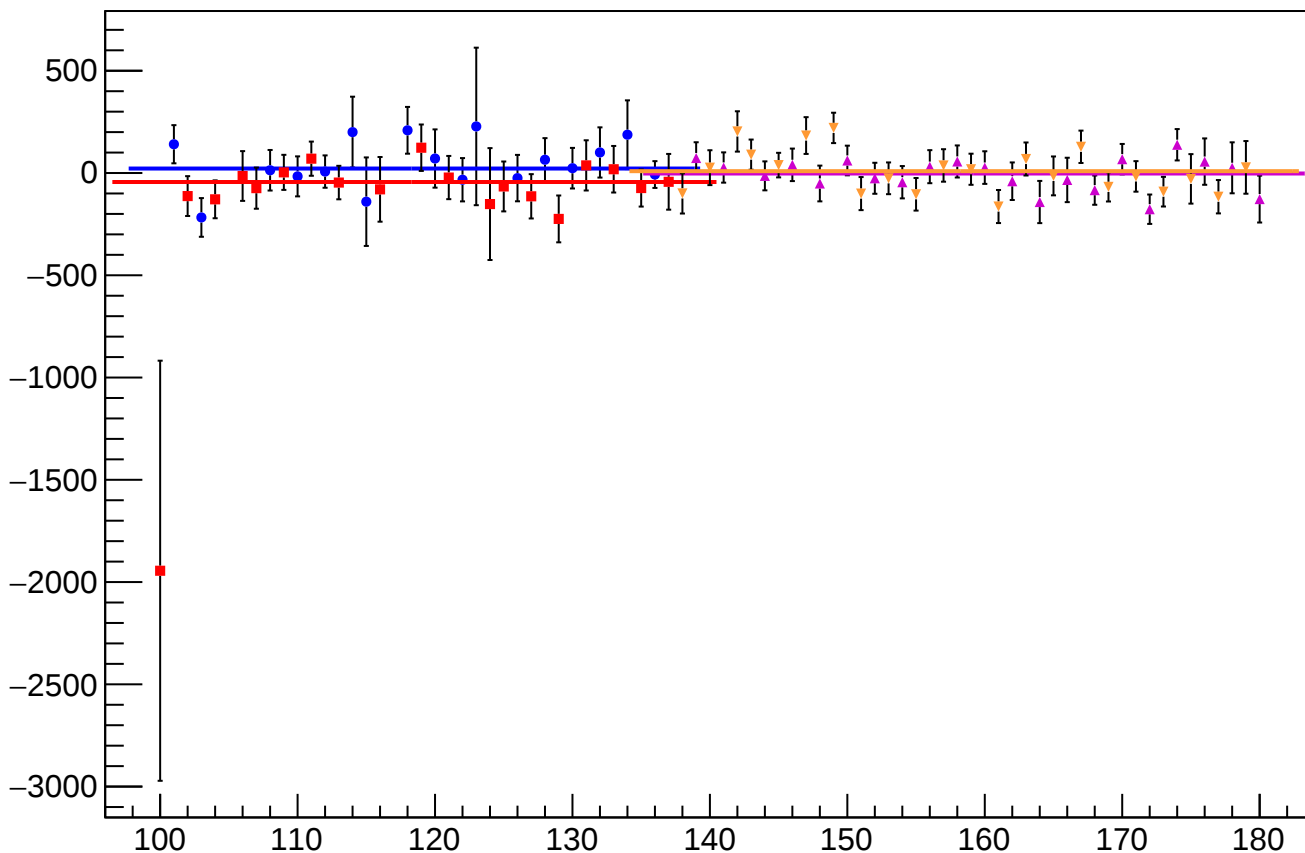
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.494+/-0.078 χ^2/NDF :1023864.8/20

Out: 444.397+/-0.078 χ^2/NDF :1120952.6/21

All: 441.416+/-0.055 χ^2/NDF : 2147687.9/42

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: 9.023 $\pm$ 17.307 χ^2 /NDF:35.7/21

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: -2.380 $\pm$ 17.983 χ^2 /NDF:18.8/20

Left: 3.540 $\pm$ 12.470 χ^2 /NDF: 54.7/42

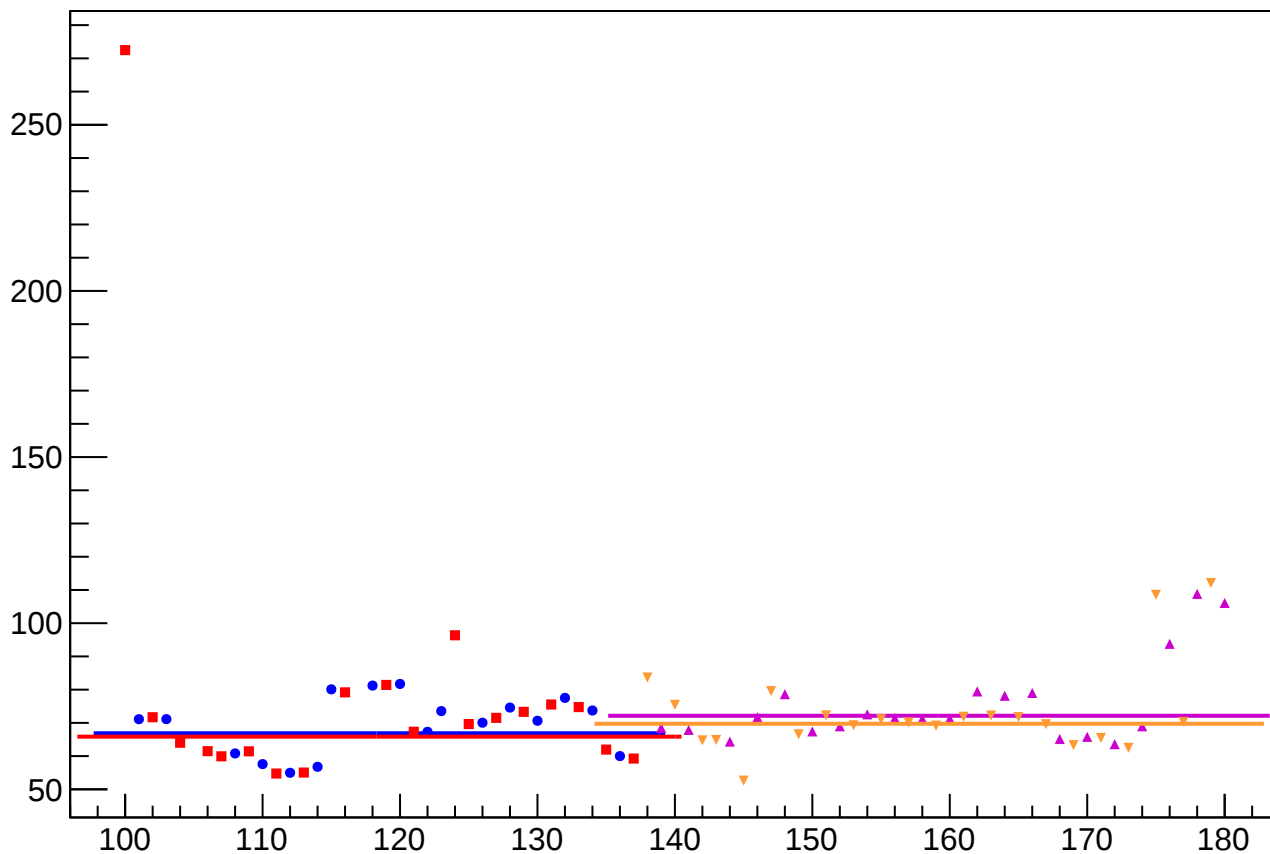
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 5.457 $\pm$ 14.800 χ^2 /NDF:34.5/37

Out: -8.039 $\pm$ 14.250 χ^2 /NDF:52.0/40

All: -1.547 $\pm$ 10.265 χ^2 /NDF: 86.9/78

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 ± 0.018 χ^2/NDF : 202515.6/16

Left Out: 69.730 ± 0.012 χ^2/NDF : 724865.6/21

Right Out: 65.854 ± 0.018 χ^2/NDF : 299873.8/18

Left In: 72.142 ± 0.013 χ^2/NDF : 573606.1/20

Left: 70.890 ± 0.009 χ^2/NDF : 1317159.8/42

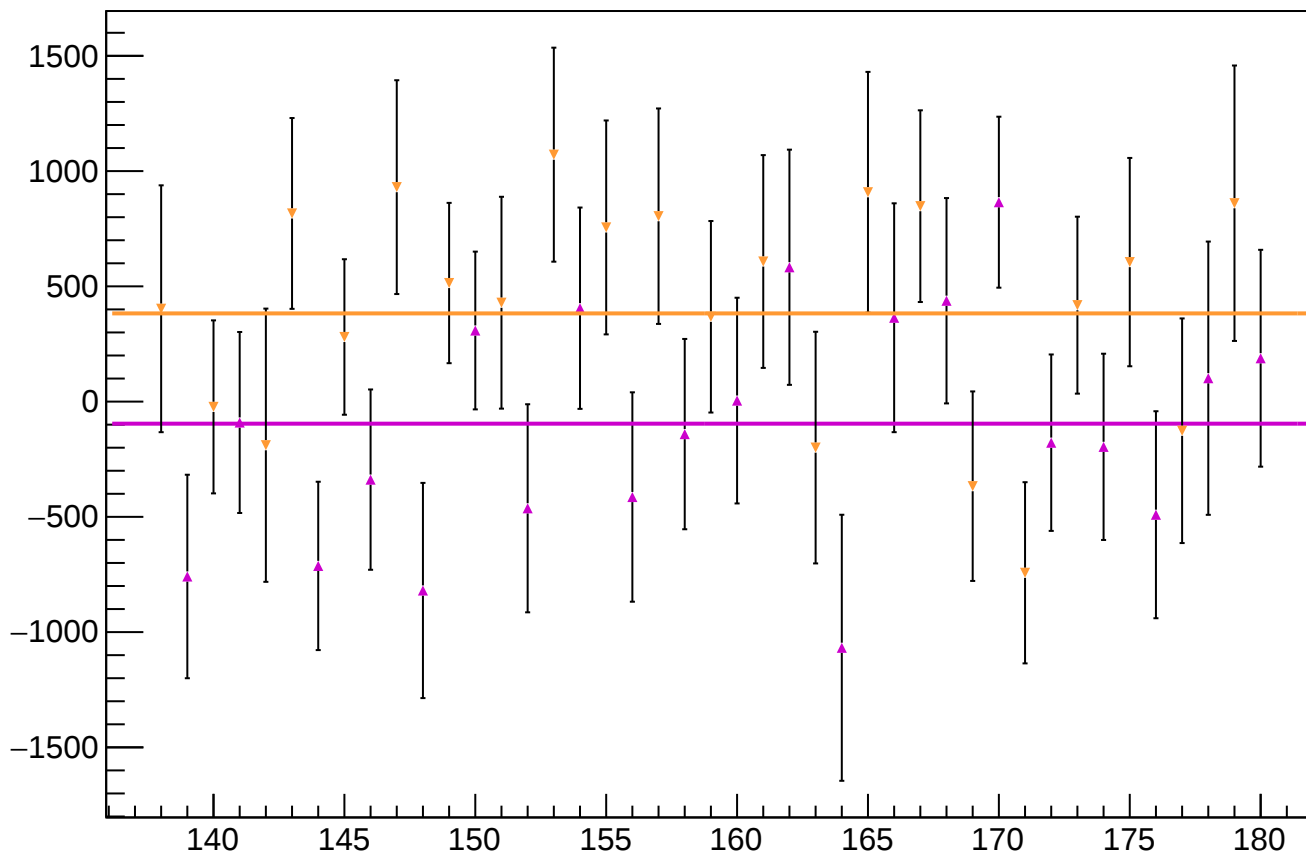
Right: 66.344 ± 0.013 χ^2/NDF : 503972.2/35

In: 70.442 ± 0.010 χ^2/NDF : 831545.8/37

Out: 68.481 ± 0.010 χ^2/NDF : 1057041.7/40

All: 69.424 ± 0.007 χ^2/NDF : 1906796.0/78

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 382.622 $\pm$ 93.429 χ^2 /NDF:25.8/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -95.760 $\pm$ 94.004 χ^2 /NDF:26.8/20

Left: 144.898 $\pm$ 66.266 χ^2 /NDF: 65.7/42

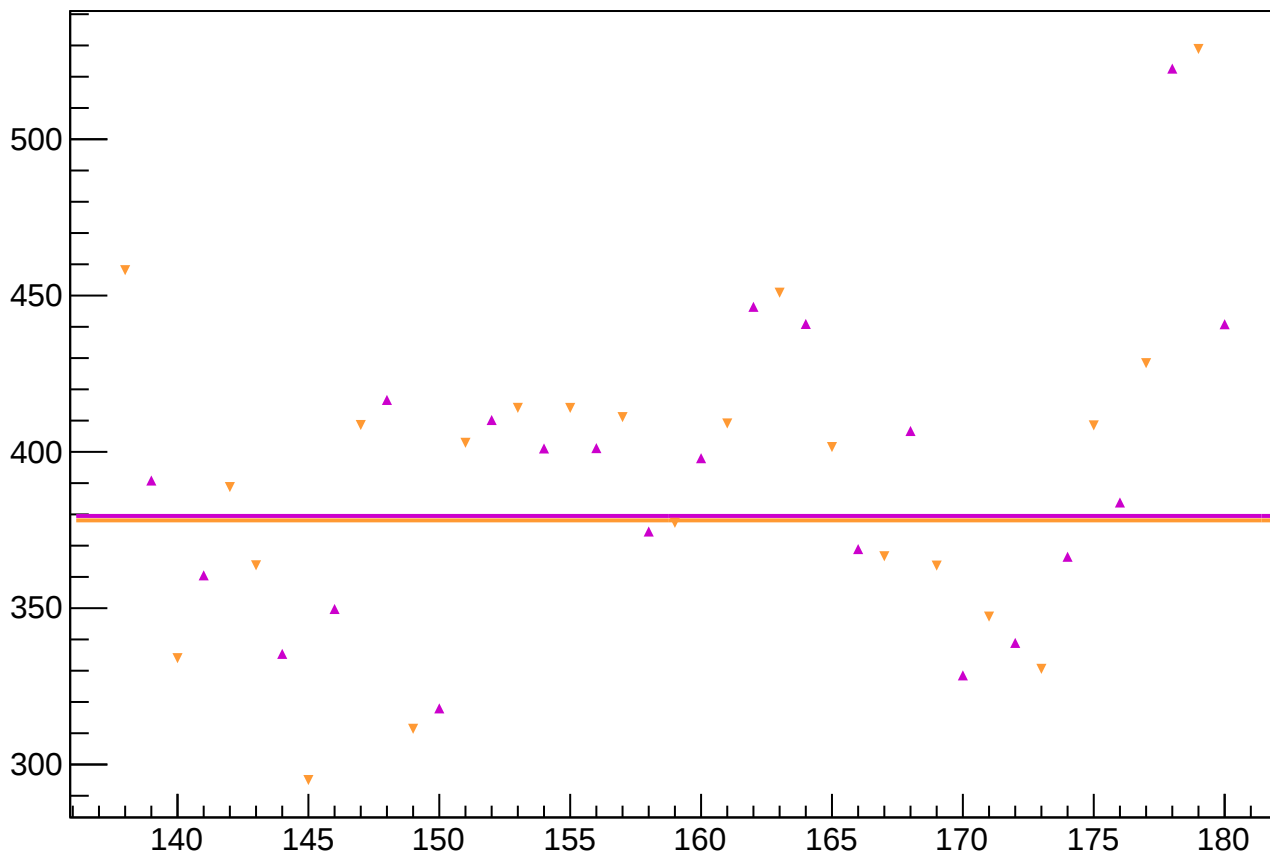
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -95.760 $\pm$ 94.004 χ^2 /NDF:26.8/20

Out: 382.622 $\pm$ 93.429 χ^2 /NDF:25.8/21

All: 144.898 $\pm$ 66.266 χ^2 /NDF: 65.7/42

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: 378.090+/-0.066 χ^2/NDF :578262.9/21

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

Left In: 379.509+/-0.066 χ^2/NDF :425064.8/20

Left: 378.795+/-0.047 χ^2/NDF : 1003556.9/42

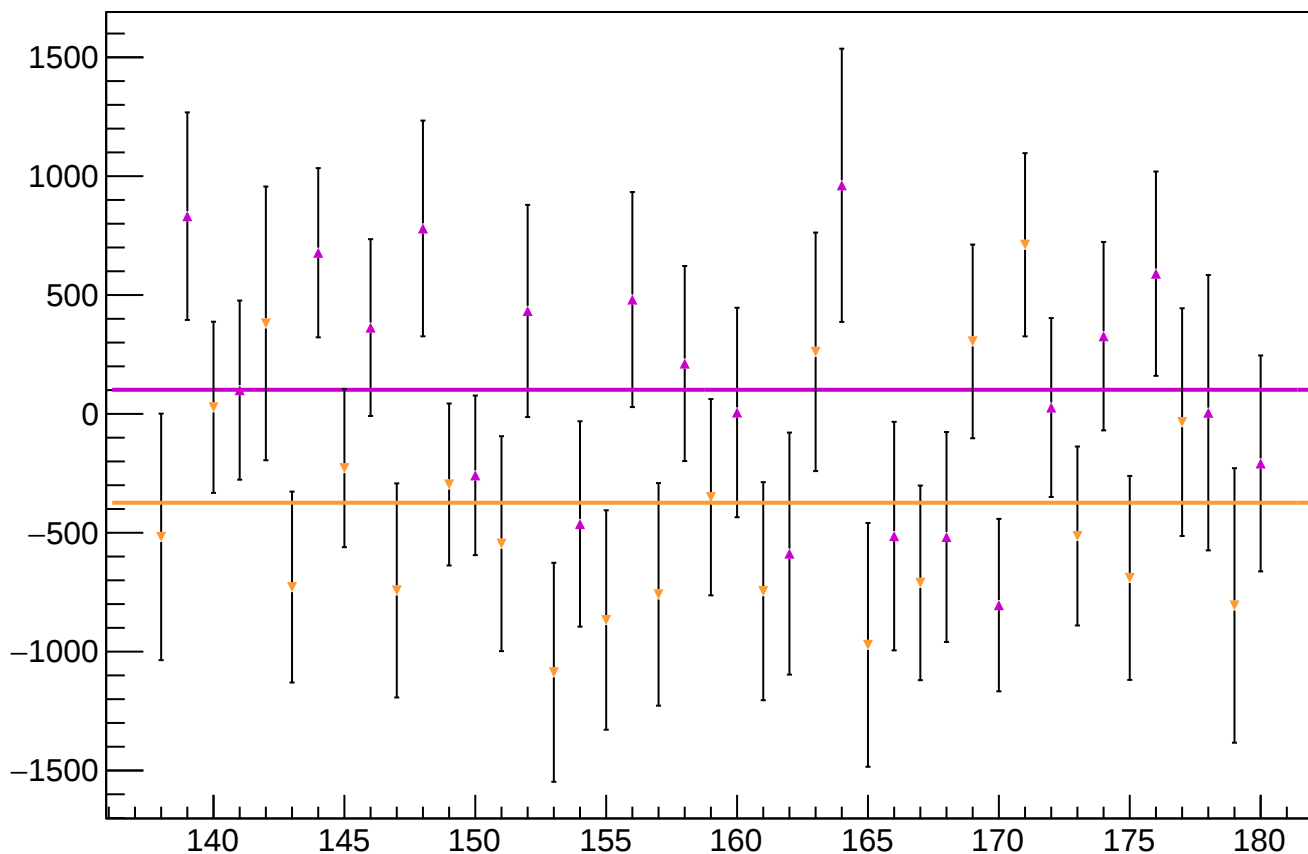
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 379.509+/-0.066 χ^2/NDF :425064.8/20

Out: 378.090+/-0.066 χ^2/NDF :578262.9/21

All: 378.795+/-0.047 χ^2/NDF : 1003556.9/42

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -373.715+/-91.634 χ^2/NDF :25.8/21

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

Left In: 101.523+/-92.007 χ^2/NDF :28.5/20

Left: -137.061+/-64.926 χ^2/NDF : 67.7/42

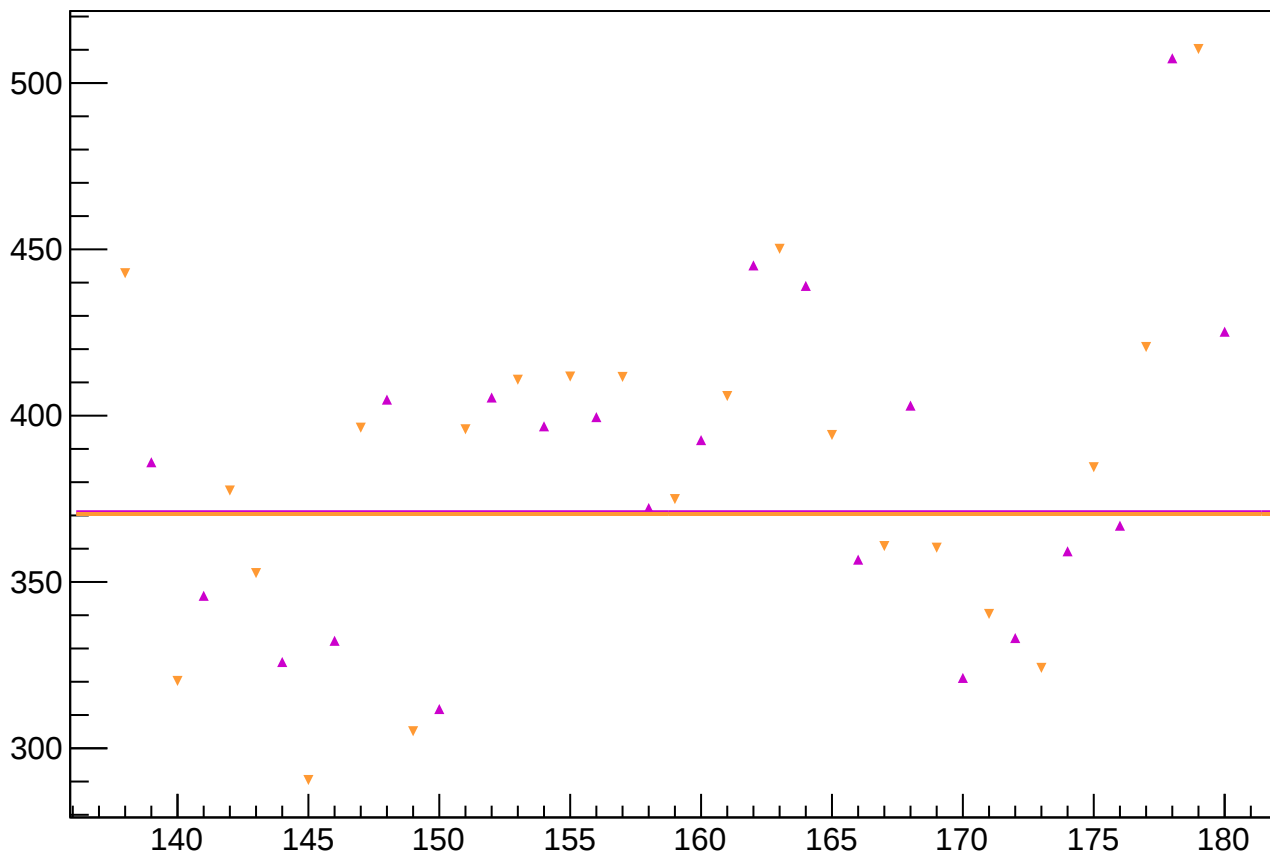
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 101.523+/-92.007 χ^2/NDF :28.5/20

Out: -373.715+/-91.634 χ^2/NDF :25.8/21

All: -137.061+/-64.926 χ^2/NDF : 67.7/42

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 370.438+/-0.065 χ^2/NDF : 584354.5/21

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

Left In: 370.968+/-0.065 χ^2/NDF : 452432.0/20

Left: 370.702+/-0.046 χ^2/NDF : 1036819.7/42

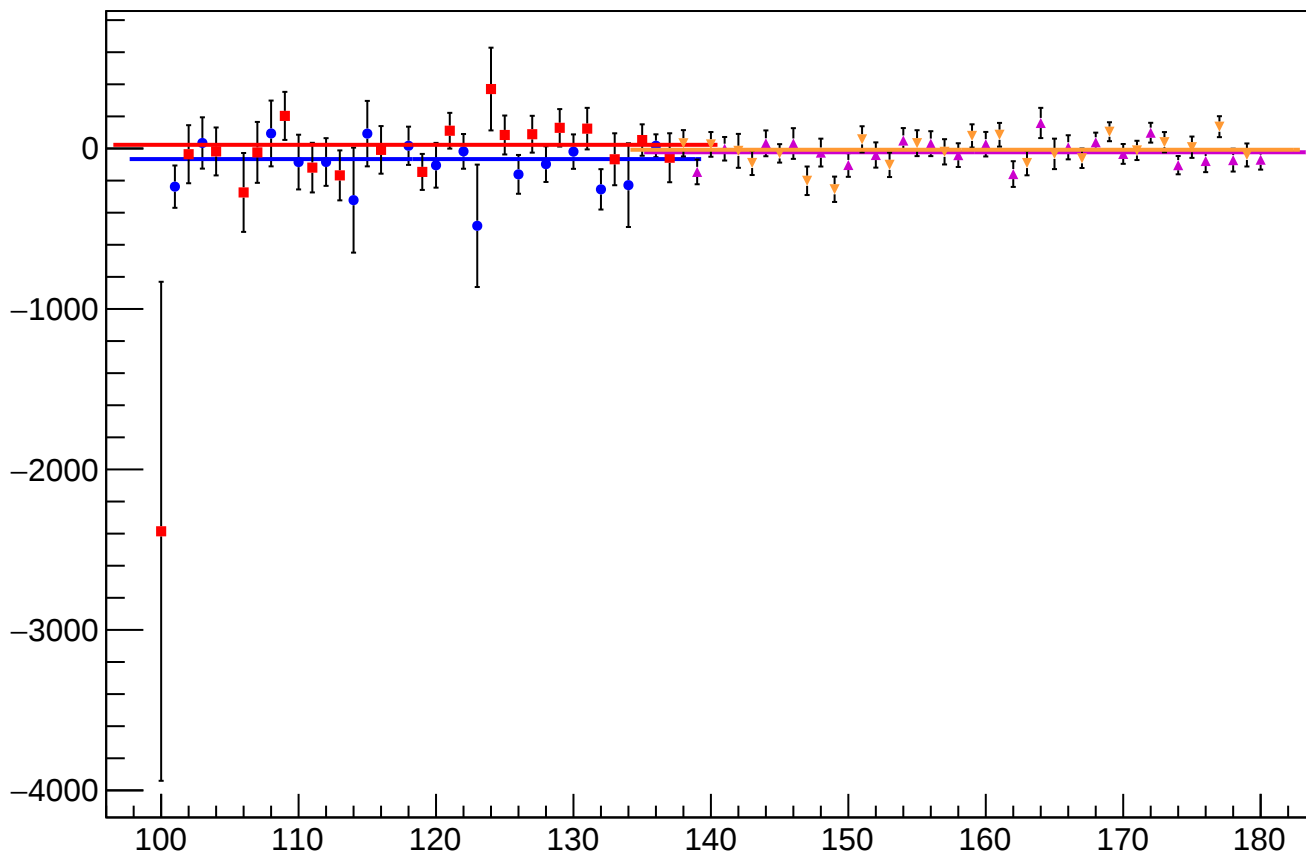
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 370.968+/-0.065 χ^2/NDF : 452432.0/20

Out: 370.438+/-0.065 χ^2/NDF : 584354.5/21

All: 370.702+/-0.046 χ^2/NDF : 1036819.7/42

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: -7.903 ± 15.417 χ^2/NDF : 33.0/21

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -23.465 ± 15.815 χ^2/NDF : 21.9/20

Left: -15.485 ± 11.039 χ^2/NDF : 55.4/42

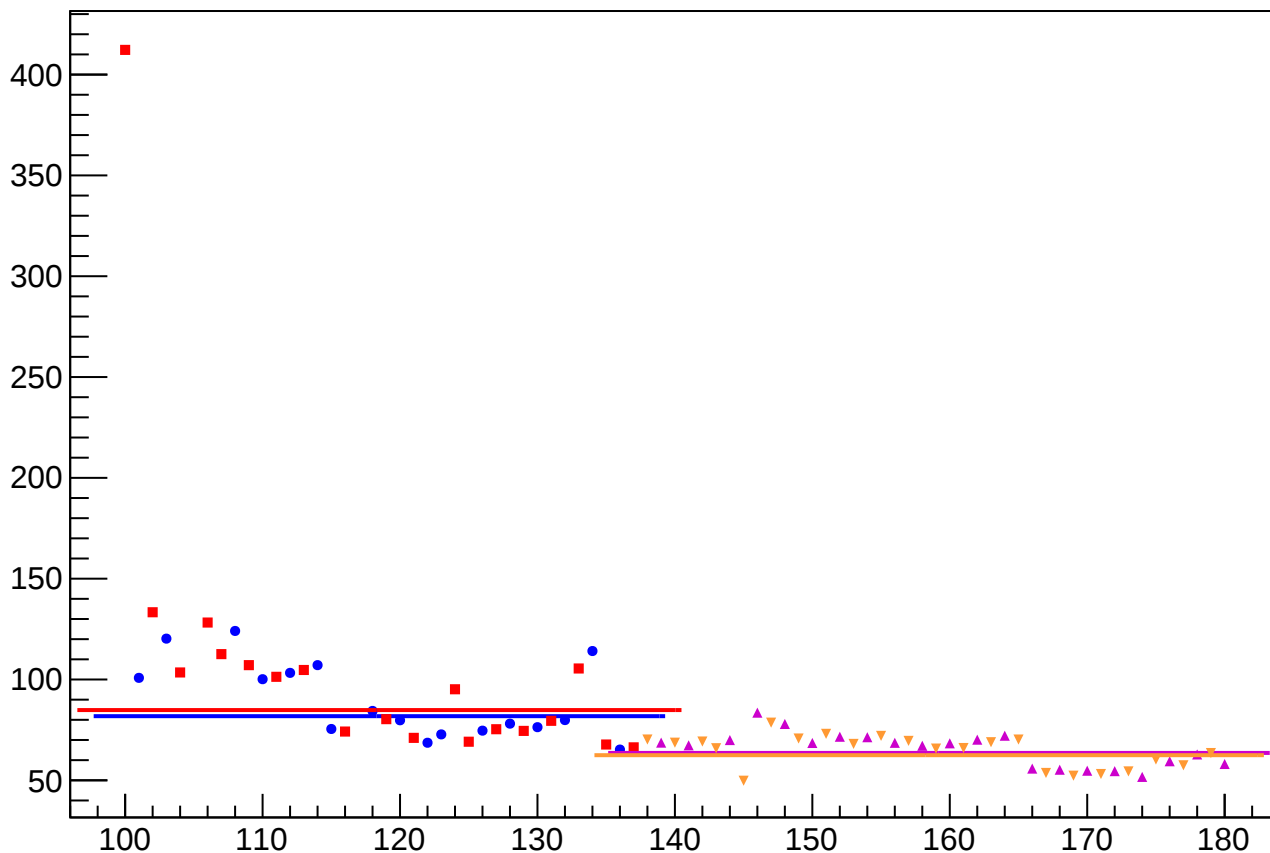
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -31.690 ± 14.203 χ^2/NDF : 34.1/37

Out: -2.322 ± 13.951 χ^2/NDF : 49.0/40

All: -16.744 ± 9.953 χ^2/NDF : 85.3/78

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 62.458+/-0.011 χ^2/NDF : 549868.4/21

Right Out: 84.836+/-0.023 χ^2/NDF : 704648.9/18

Left In: 63.582+/-0.011 χ^2/NDF : 522127.0/20

Left: 63.005+/-0.008 χ^2/NDF : 1077175.1/42

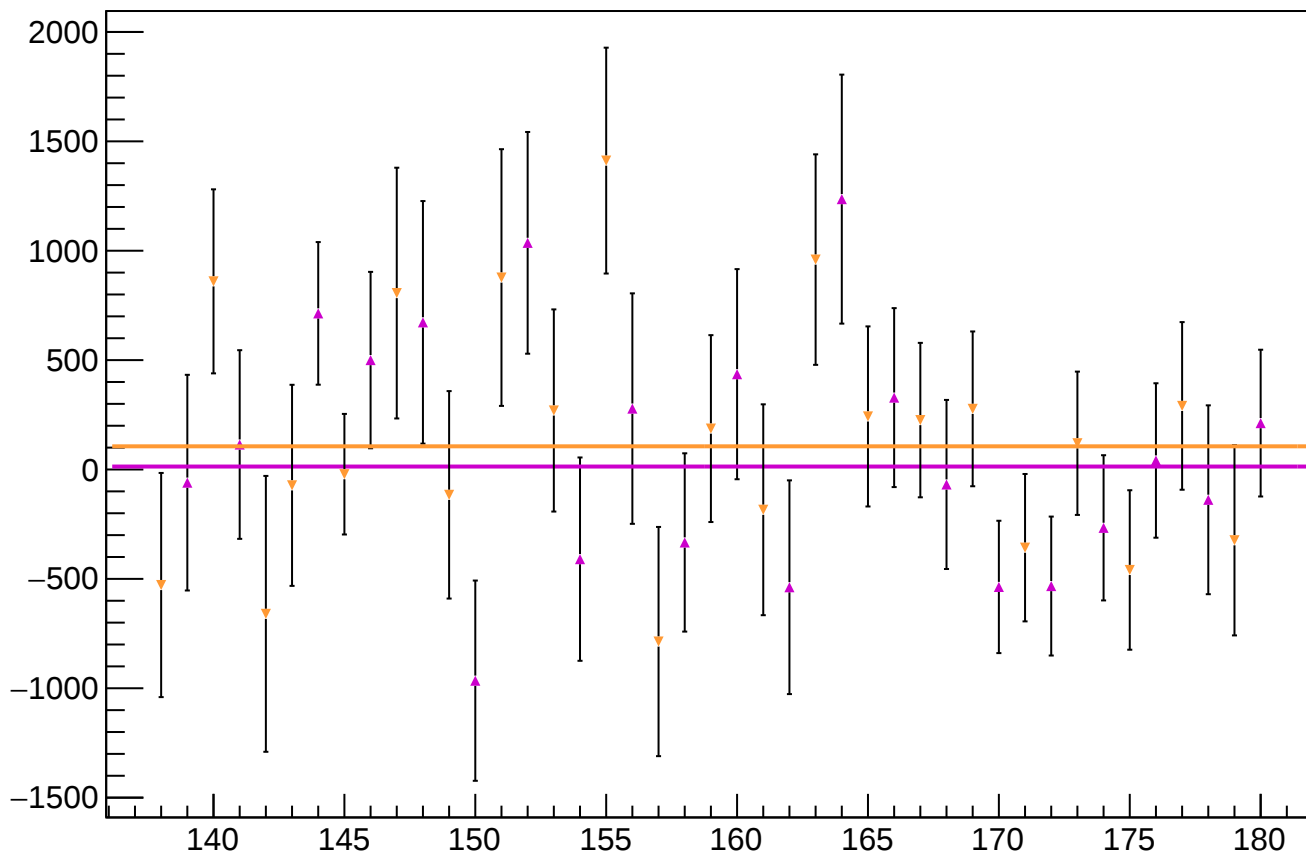
Right: 83.300+/-0.016 χ^2/NDF : 1220504.3/35

In: 67.108+/-0.010 χ^2/NDF : 1543329.2/37

Out: 66.511+/-0.010 χ^2/NDF : 2017737.4/40

All: 66.804+/-0.007 χ^2/NDF : 3562868.8/78

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 105.945+/-89.039 χ^2/NDF :29.0/21

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

Left In: 13.512+/-88.483 χ^2/NDF :32.8/20

Left: 59.439+/-62.762 χ^2/NDF : 62.3/42

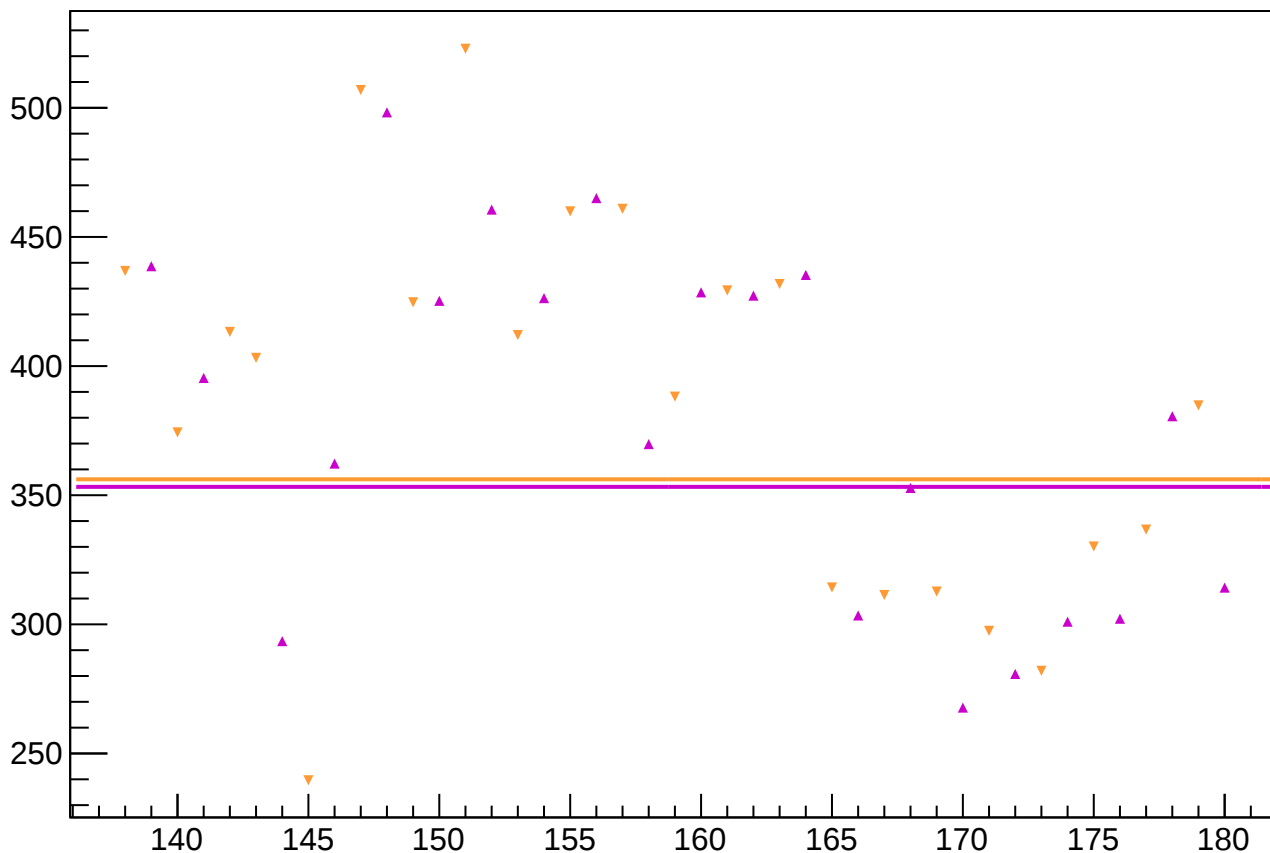
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.512+/-88.483 χ^2/NDF :32.8/20

Out: 105.945+/-89.039 χ^2/NDF :29.0/21

All: 59.439+/-62.762 χ^2/NDF : 62.3/42

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: 356.163+/-0.063 χ^2/NDF :1356862.1/21

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

Left In: 353.236+/-0.063 χ^2/NDF :1122914.3/20

Left: 354.690+/-0.044 χ^2/NDF : 2480863.8/42

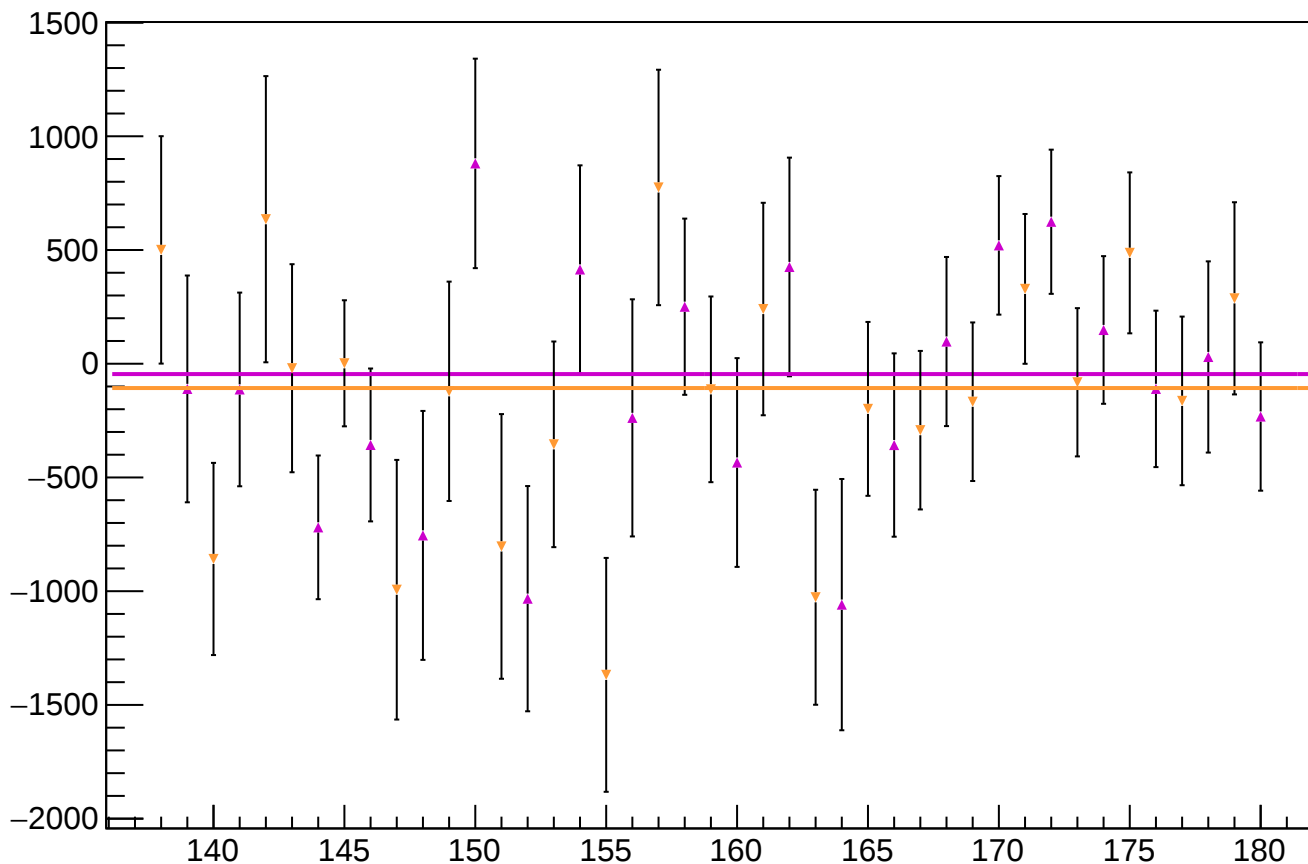
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 353.236+/-0.063 χ^2/NDF :1122914.3/20

Out: 356.163+/-0.063 χ^2/NDF :1356862.1/21

All: 354.690+/-0.044 χ^2/NDF : 2480863.8/42

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -106.908+/-87.520 χ^2/NDF :29.5/21

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

Left In: -45.505+/-86.012 χ^2/NDF :31.3/20

Left: -75.673+/-61.346 χ^2/NDF : 61.1/42

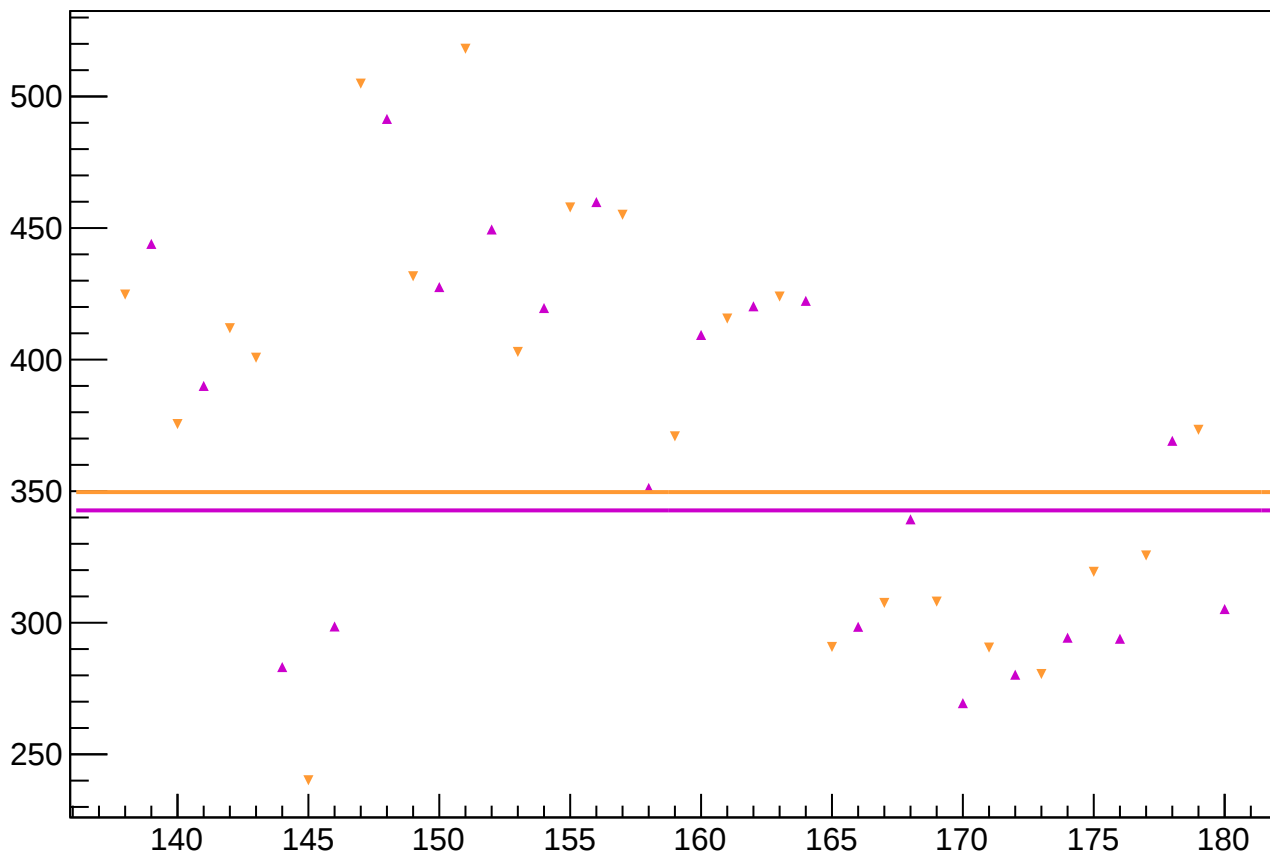
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.505+/-86.012 χ^2/NDF :31.3/20

Out: -106.908+/-87.520 χ^2/NDF :29.5/21

All: -75.673+/-61.346 χ^2/NDF : 61.1/42

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 349.653+/-0.062 χ^2/NDF :1366018.8/21

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

Left In: 342.697+/-0.061 χ^2/NDF :1152534.0/20

Left: 346.115+/-0.043 χ^2/NDF : 2524980.1/42

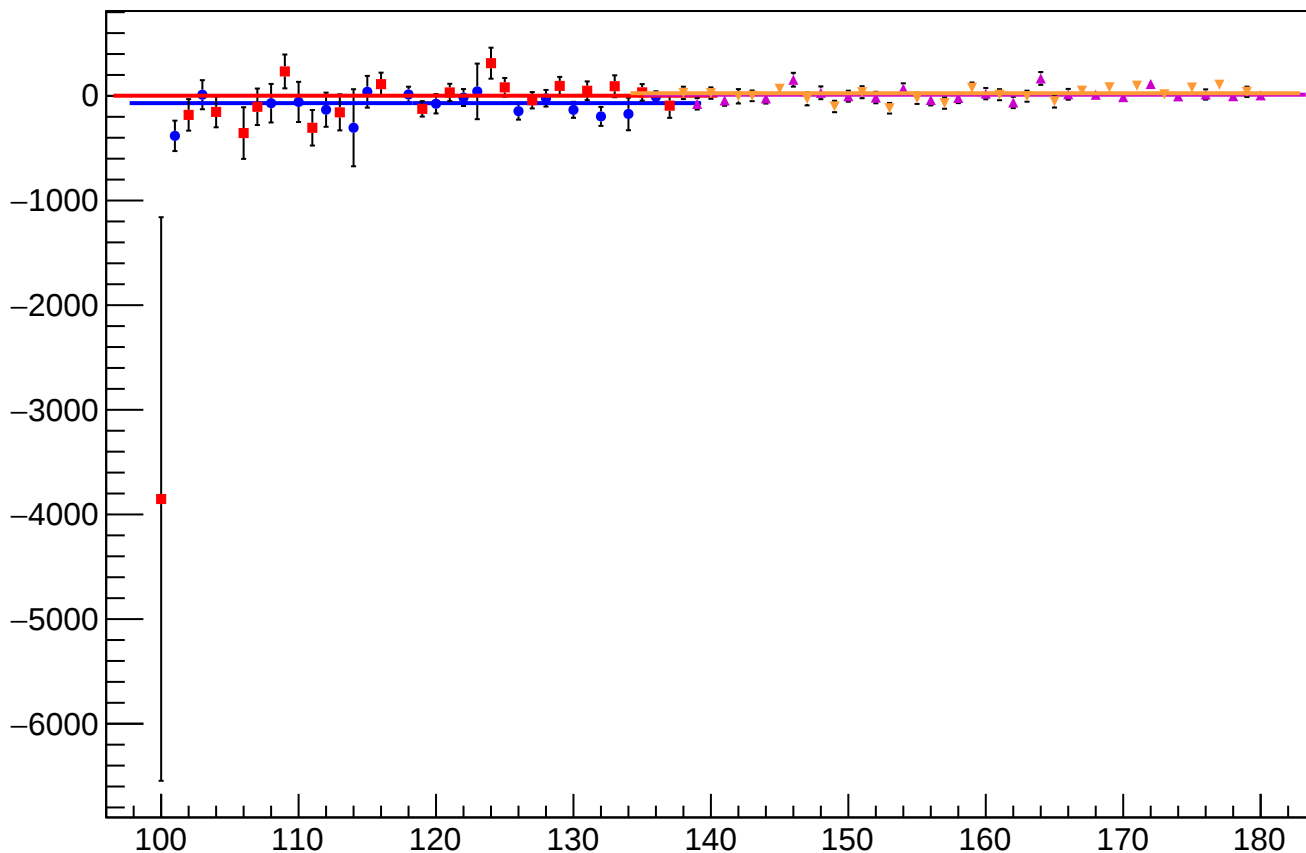
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 342.697+/-0.061 χ^2/NDF :1152534.0/20

Out: 349.653+/-0.062 χ^2/NDF :1366018.8/21

All: 346.115+/-0.043 χ^2/NDF : 2524980.1/42

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: 25.431 ± 10.497 χ^2/NDF : 33.7/21

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 11.357 ± 10.746 χ^2/NDF : 27.5/20

Left: 18.559 ± 7.509 χ^2/NDF : 62.1/42

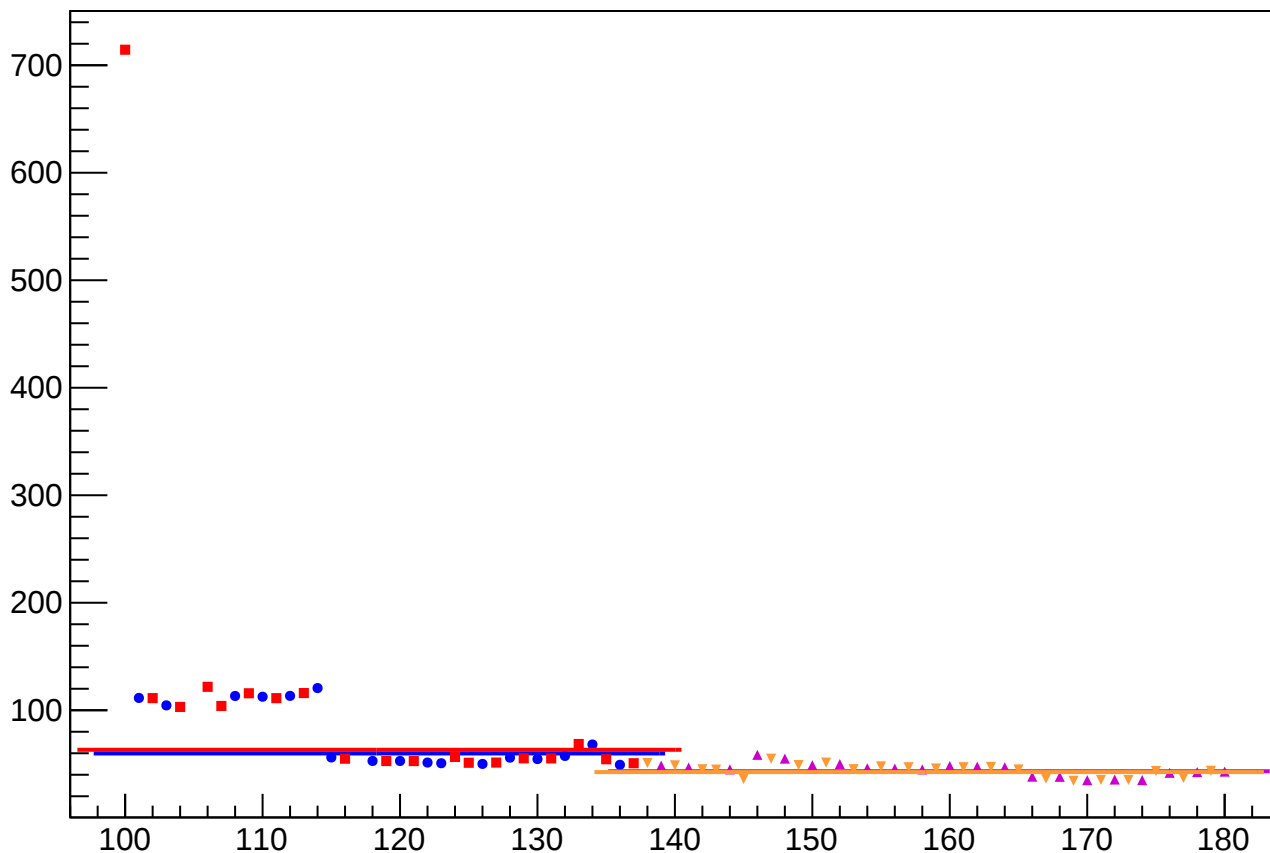
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -1.855 ± 9.826 χ^2/NDF : 50.2/37

Out: 21.926 ± 9.689 χ^2/NDF : 60.3/40

All: 10.202 ± 6.899 χ^2/NDF : 113.5/78

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: 42.498 $\pm$ 0.007 χ^2 /NDF: 657790.5/21

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 43.255 $\pm$ 0.008 χ^2 /NDF: 616185.7/20

Left: 42.868 $\pm$ 0.005 χ^2 /NDF: 1279060.3/42

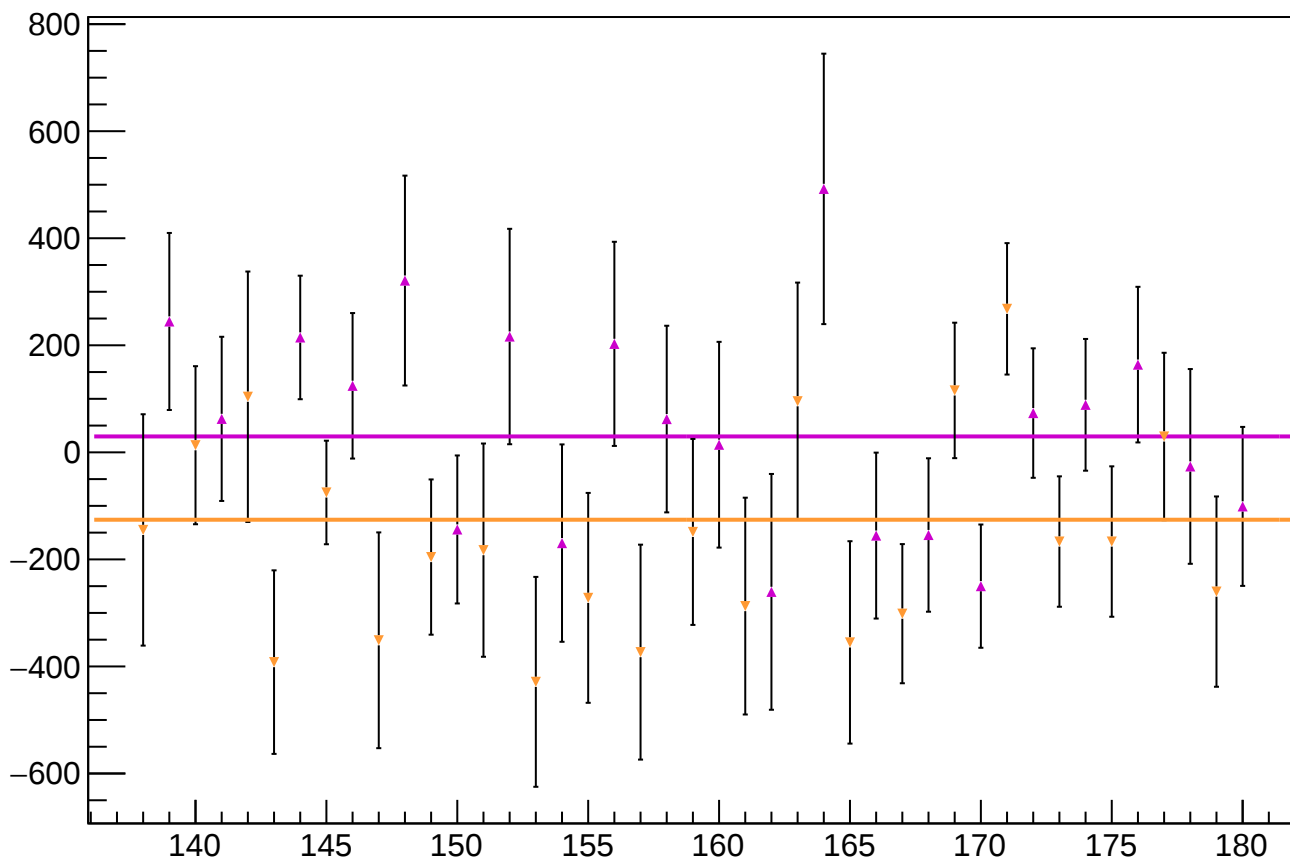
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 45.971 $\pm$ 0.007 χ^2 /NDF: 2624570.0/37

Out: 45.565 $\pm$ 0.007 χ^2 /NDF: 3315865.0/40

All: 45.765 $\pm$ 0.005 χ^2 /NDF: 5942162.3/78

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: -125.894+/-33.615 χ^2/NDF :31.2/21

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

Left In: 29.717+/-33.568 χ^2/NDF :27.6/20

Left: -47.979+/-23.752 χ^2/NDF : 69.5/42

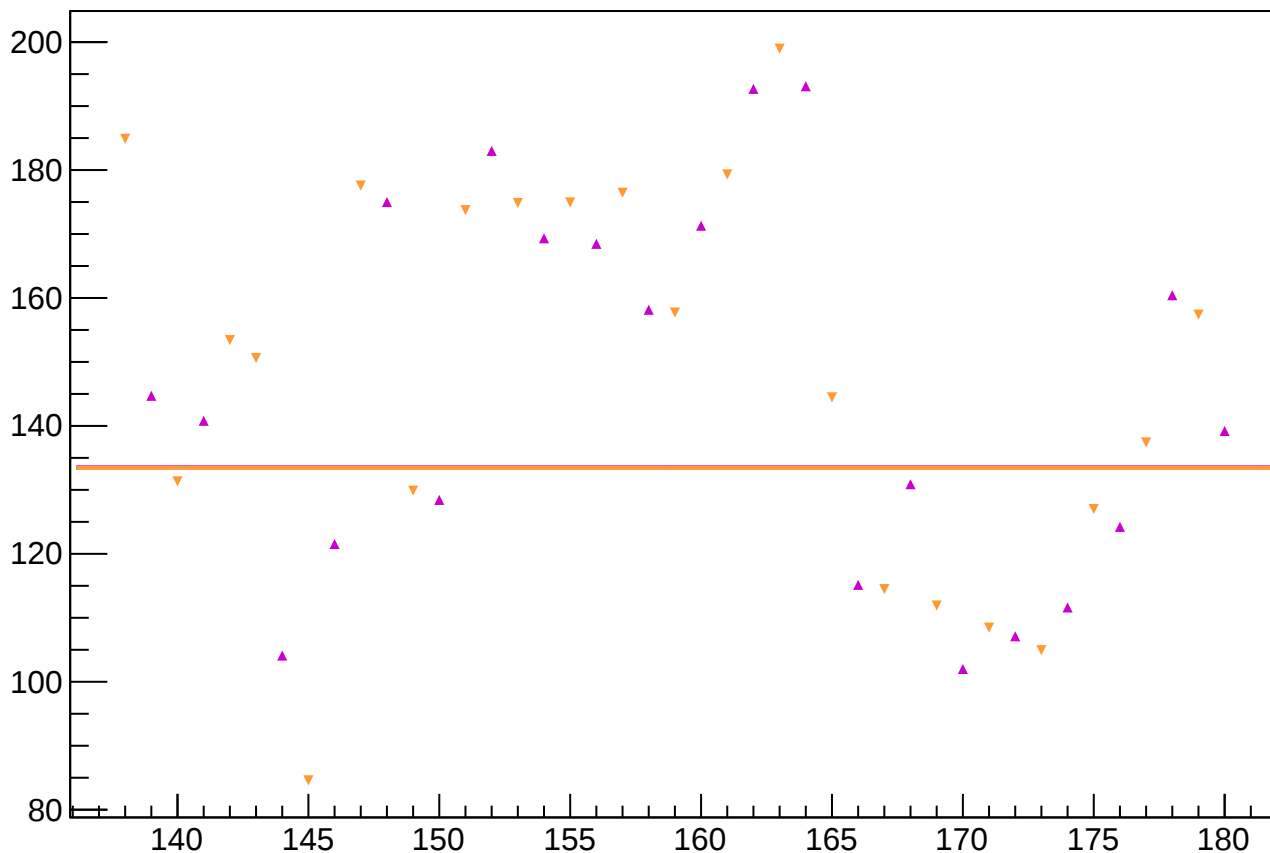
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.717+/-33.568 χ^2/NDF :27.6/20

Out: -125.894+/-33.615 χ^2/NDF :31.2/21

All: -47.979+/-23.752 χ^2/NDF : 69.5/42

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: 133.447+/-0.024 χ^2/NDF :1765667.8/21

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

Left In: 133.528+/-0.024 χ^2/NDF :1279869.3/20

Left: 133.488+/-0.017 χ^2/NDF : 3045542.8/42

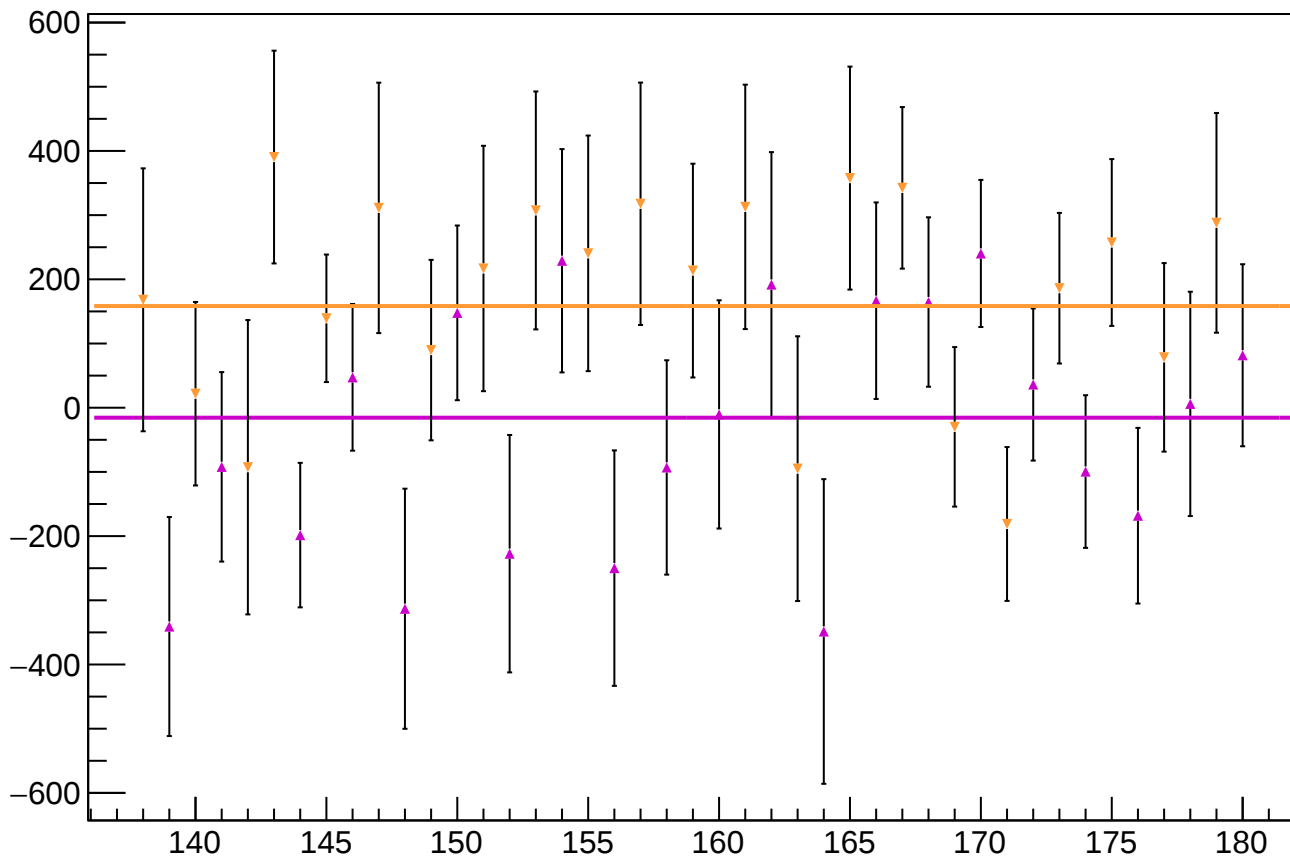
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.528+/-0.024 χ^2/NDF :1279869.3/20

Out: 133.447+/-0.024 χ^2/NDF :1765667.8/21

All: 133.488+/-0.017 χ^2/NDF : 3045542.8/42

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: 158.360 $\pm$ 32.426 χ^2 /NDF:24.2/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -15.543 $\pm$ 32.053 χ^2 /NDF:29.6/20

Left: 70.403 $\pm$ 22.796 χ^2 /NDF: 68.3/42

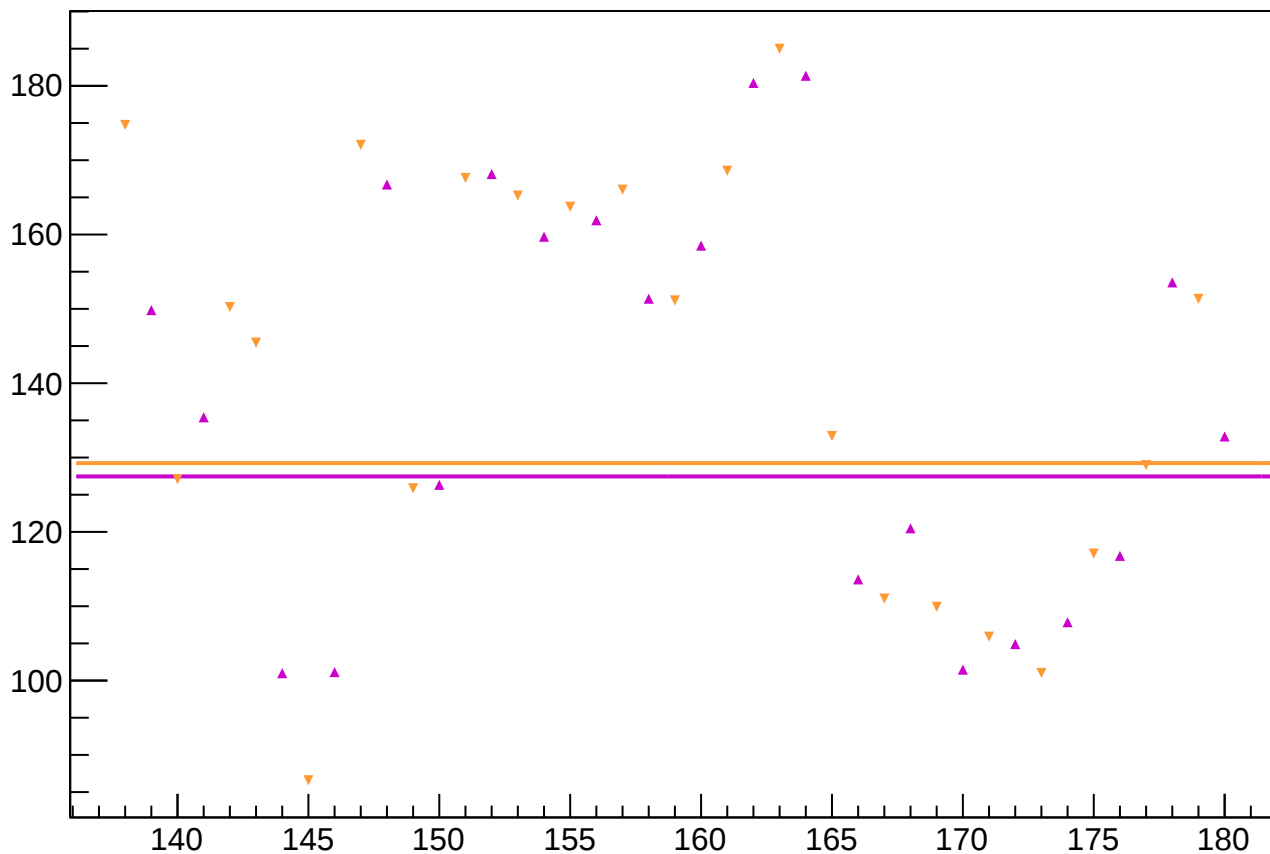
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.543 $\pm$ 32.053 χ^2 /NDF:29.6/20

Out: 158.360 $\pm$ 32.426 χ^2 /NDF:24.2/21

All: 70.403 $\pm$ 22.796 χ^2 /NDF: 68.3/42

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 129.252+/-0.023 χ^2/NDF :1504013.8/21

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

Left In: 127.461+/-0.023 χ^2/NDF :1229672.4/20

Left: 128.346+/-0.016 χ^2/NDF : 2736770.9/42

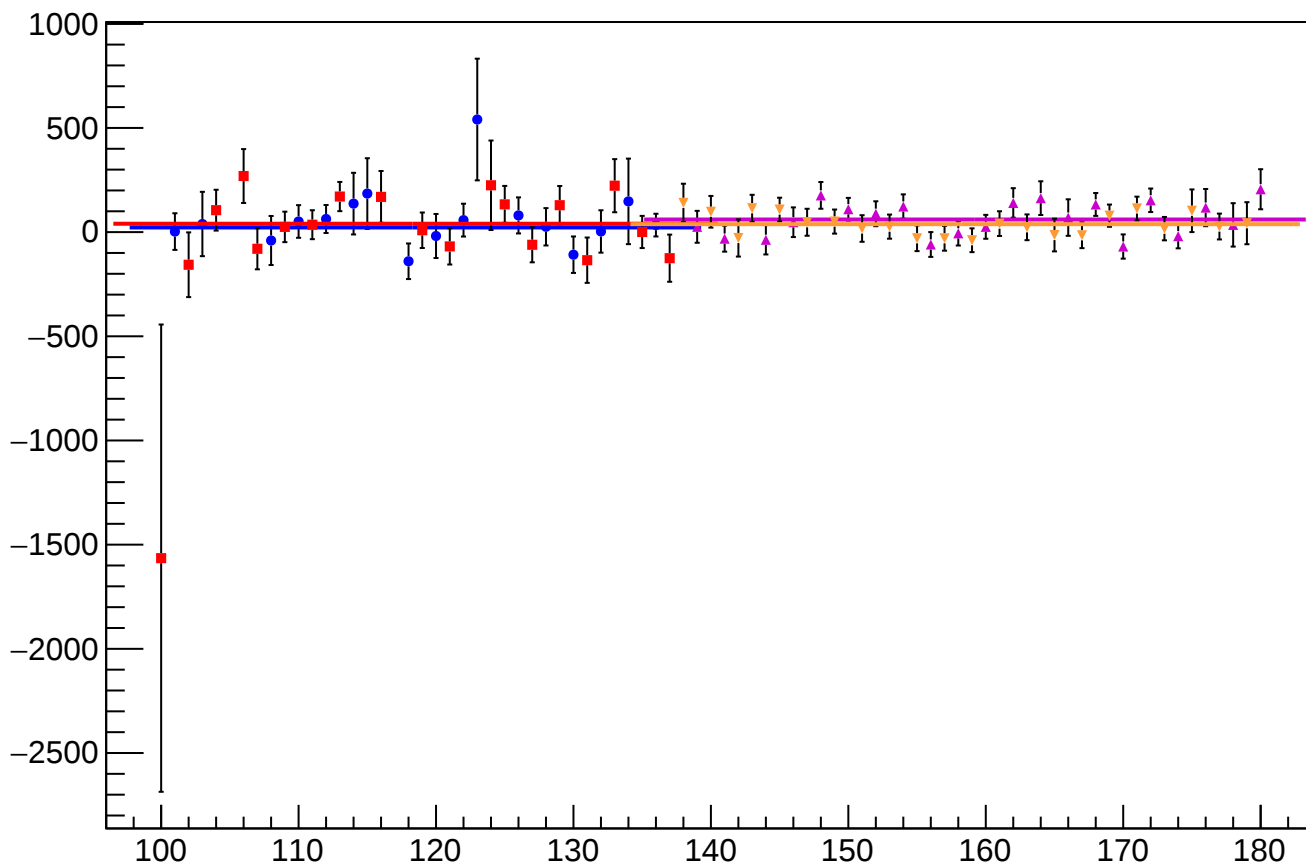
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.461+/-0.023 χ^2/NDF :1229672.4/20

Out: 129.252+/-0.023 χ^2/NDF :1504013.8/21

All: 128.346+/-0.016 χ^2/NDF : 2736770.9/42

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: 38.052 $\pm$ 13.728 χ^2 /NDF:14.0/21

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 60.528 $\pm$ 14.284 χ^2 /NDF:32.3/20

Left: 48.844 $\pm$ 9.898 χ^2 /NDF: 47.7/42

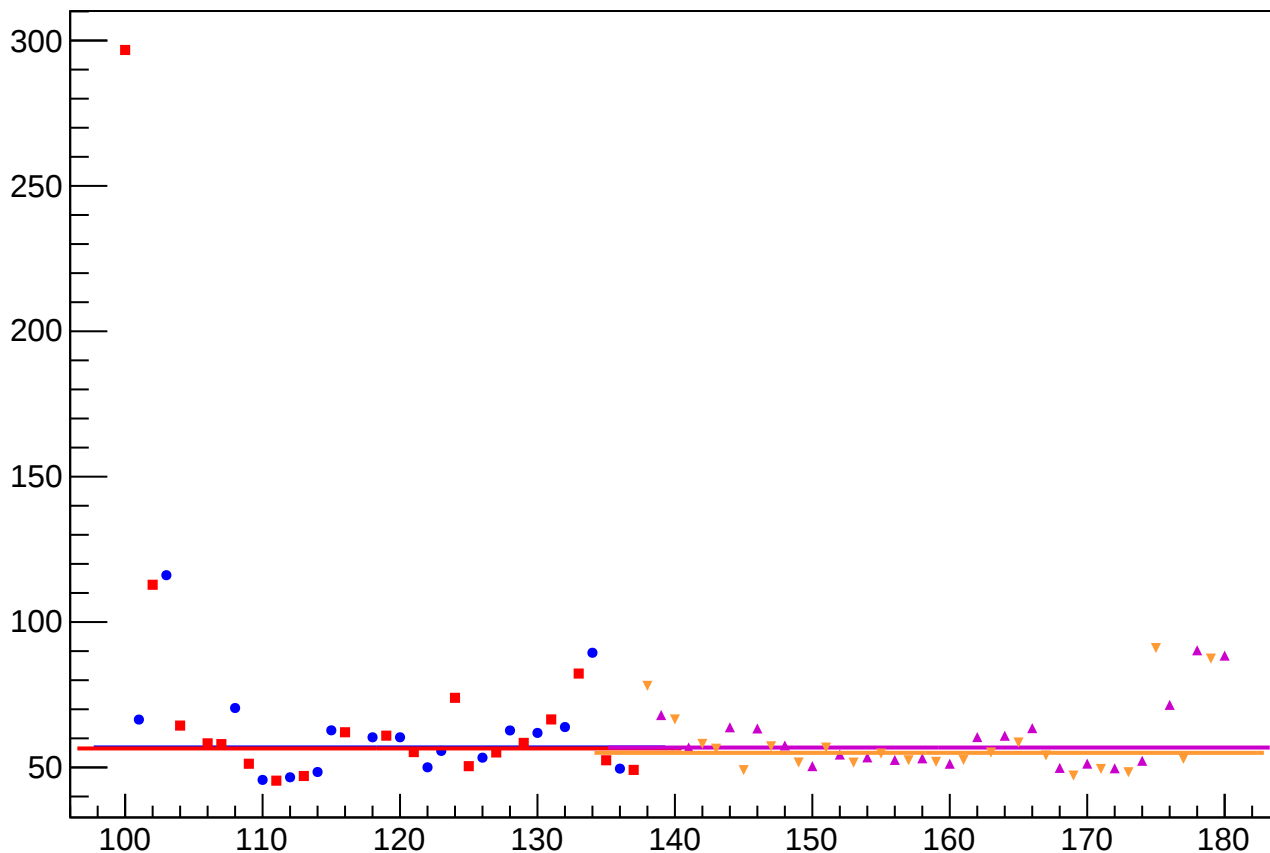
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 49.651 $\pm$ 12.078 χ^2 /NDF:47.0/37

Out: 38.660 $\pm$ 11.666 χ^2 /NDF:40.3/40

All: 43.965 $\pm$ 8.391 χ^2 /NDF: 87.7/78

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 55.015 $\pm$ 0.010 χ^2 /NDF: 778473.5/21

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 56.842 $\pm$ 0.010 χ^2 /NDF: 747208.6/20

Left: 55.893 $\pm$ 0.007 χ^2 /NDF: 1542689.4/42

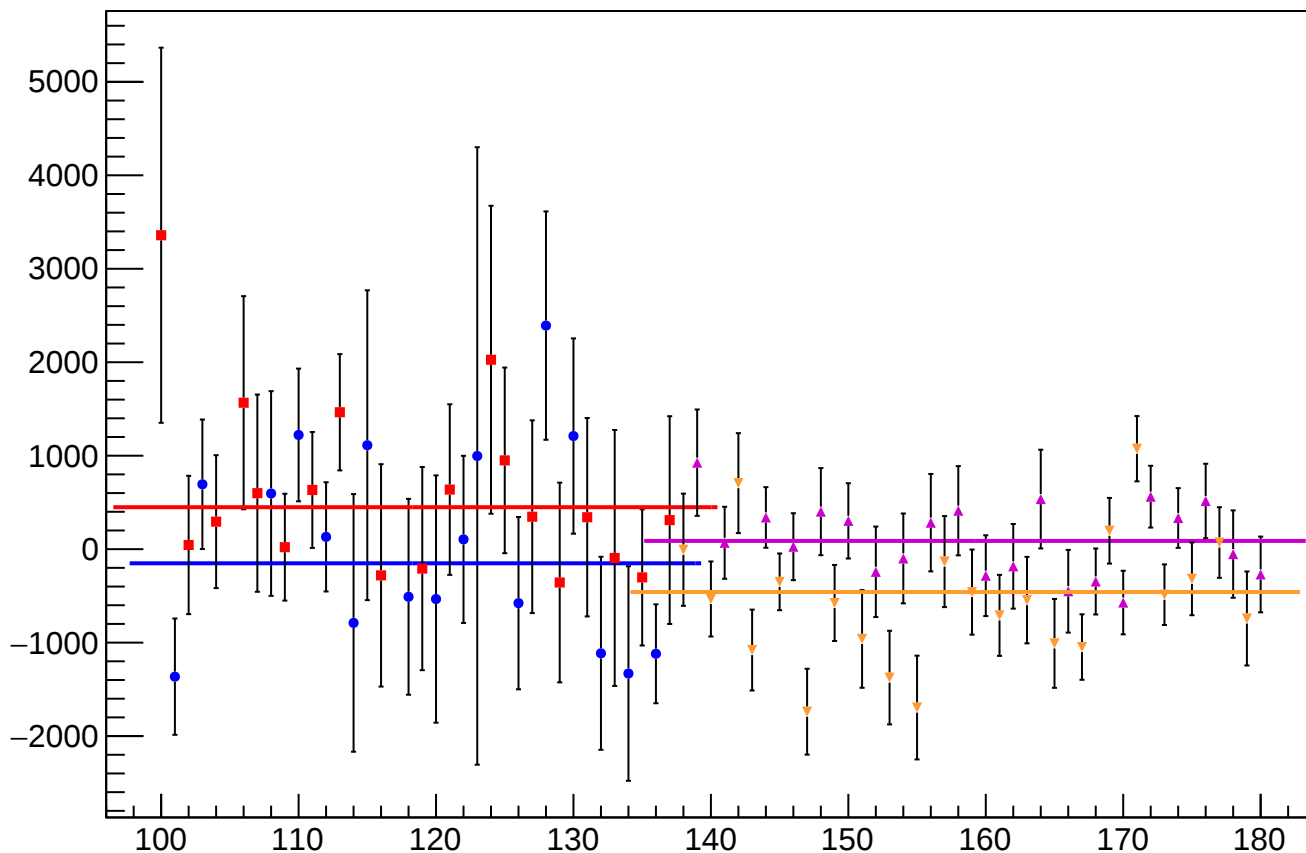
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.853 $\pm$ 0.009 χ^2 /NDF: 1322699.3/37

Out: 55.436 $\pm$ 0.008 χ^2 /NDF: 1397490.1/40

All: 56.120 $\pm$ 0.006 χ^2 /NDF: 2734433.4/78

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 ± 212.448 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -458.659 ± 89.322 $\chi^2/\text{NDF}: 54.8/21$

Right Out: 448.932 ± 203.999 $\chi^2/\text{NDF}: 10.5/18$

Left In: 88.045 ± 89.064 $\chi^2/\text{NDF}: 18.0/20$

Left: -184.516 ± 63.069 $\chi^2/\text{NDF}: 91.5/42$

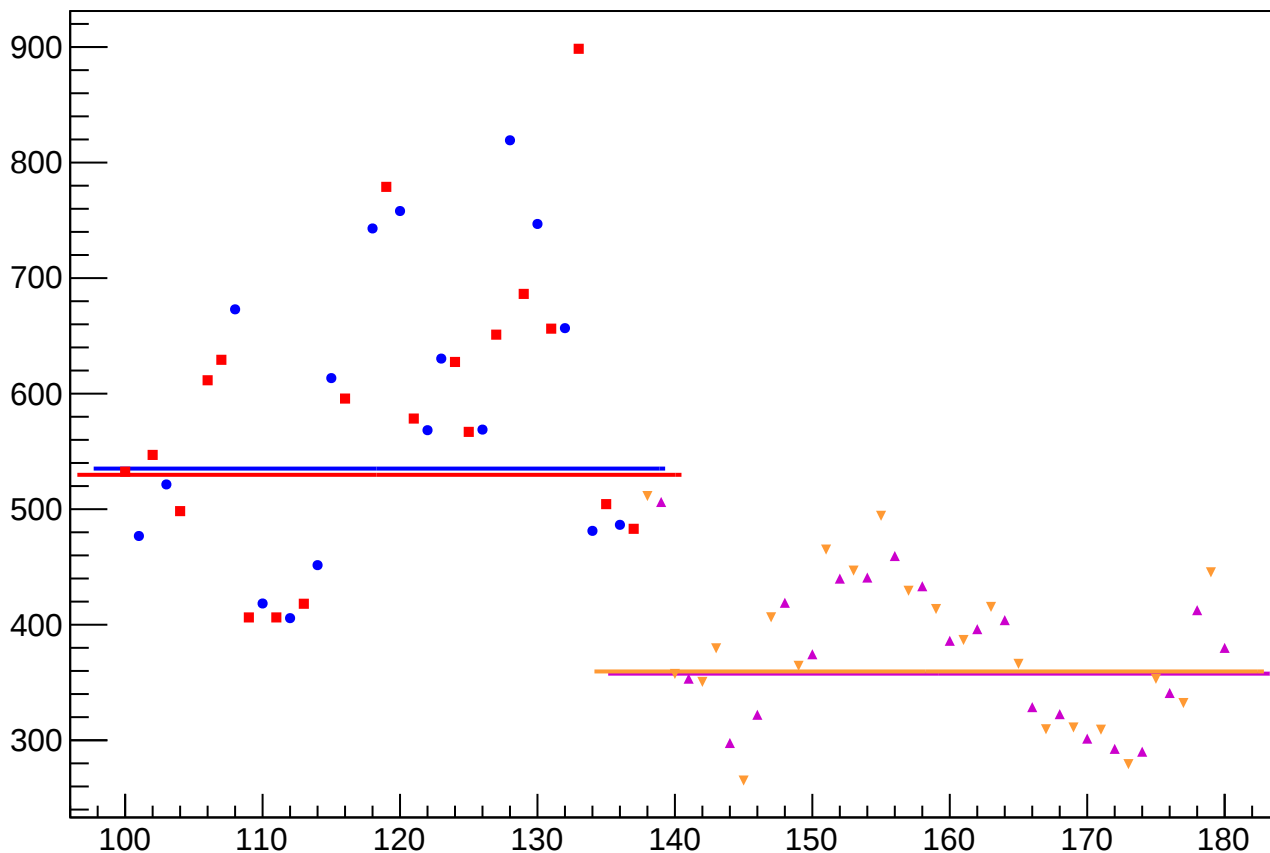
Right: 161.039 ± 147.145 $\chi^2/\text{NDF}: 37.1/35$

In: 52.283 ± 82.138 $\chi^2/\text{NDF}: 41.5/37$

Out: -312.650 ± 81.823 $\chi^2/\text{NDF}: 81.9/40$

All: -130.886 ± 57.969 $\chi^2/\text{NDF}: 133.3/78$

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 359.547+/-0.063 χ^2/NDF : 1026694.1/21

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 357.661+/-0.063 χ^2/NDF : 832715.0/20

Left: 358.601+/-0.045 χ^2/NDF : 1859855.9/42

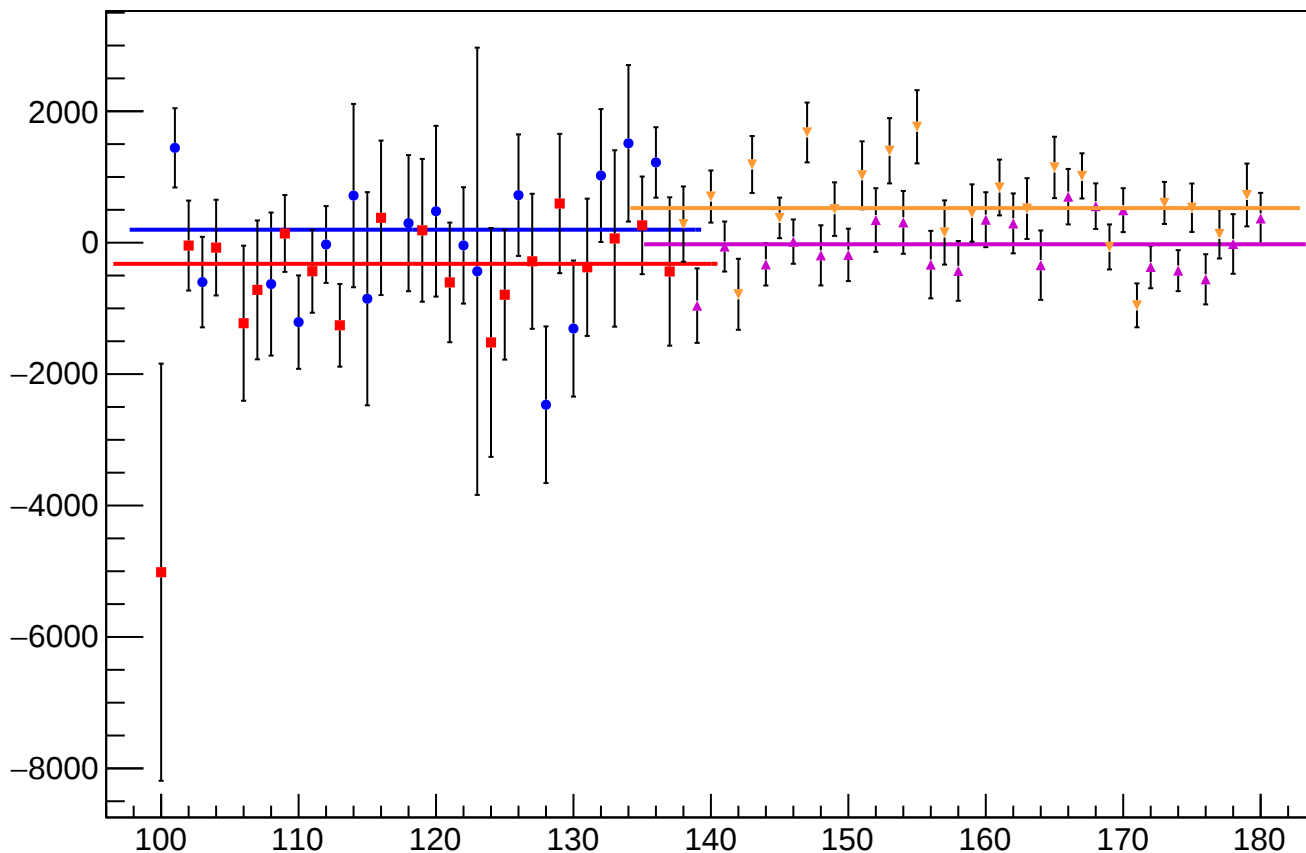
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 384.191+/-0.058 χ^2/NDF : 2615903.4/37

Out: 386.928+/-0.058 χ^2/NDF : 2841649.9/40

All: 385.565+/-0.041 χ^2/NDF : 5458668.1/78

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 526.305+/-87.909 χ^2/NDF : 53.1/21

Right Out: -321.565+/-205.269 χ^2/NDF : 8.9/18

Left In: -24.430+/-87.069 χ^2/NDF : 21.7/20

Left: 248.294+/-61.862 χ^2/NDF : 94.6/42

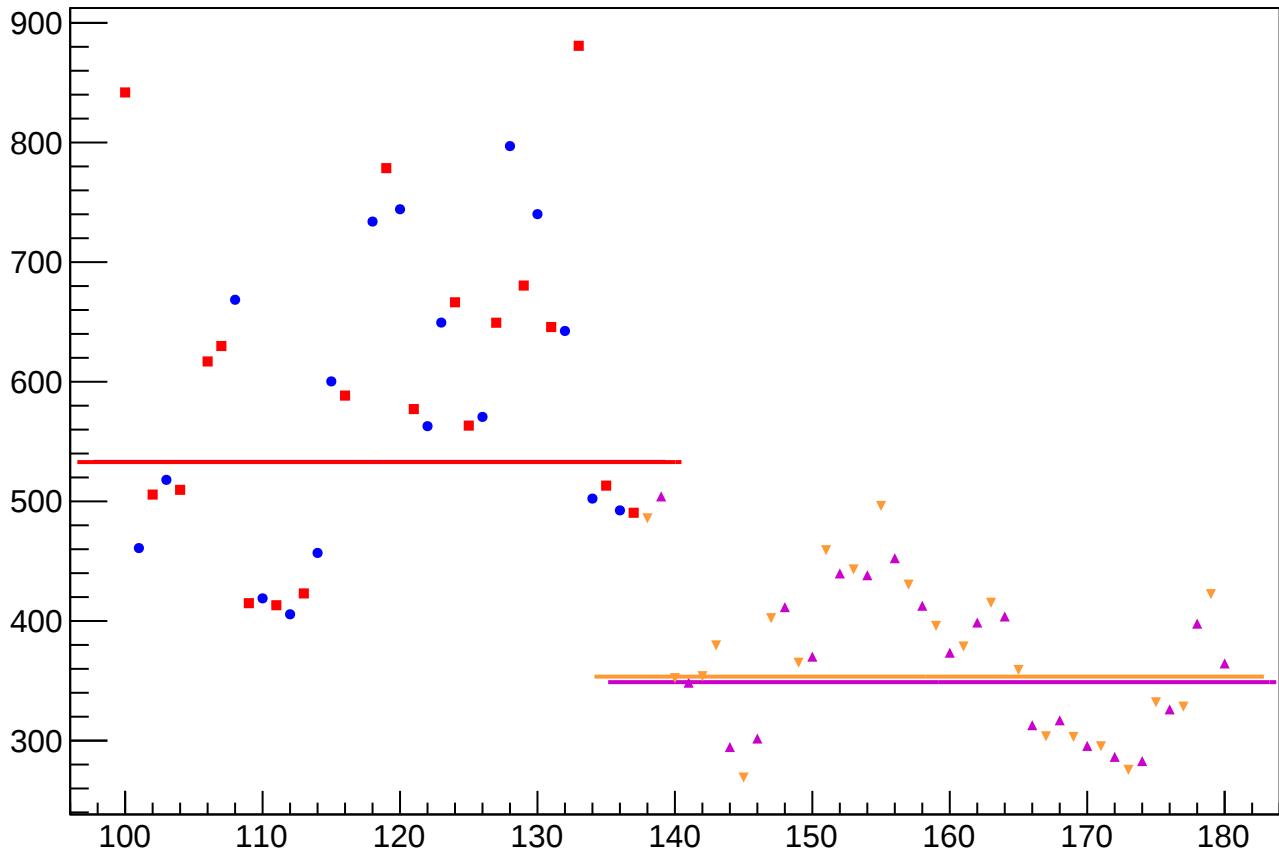
Right: -69.737+/-147.294 χ^2/NDF : 35.9/35

In: 7.745+/-80.512 χ^2/NDF : 46.6/37

Out: 394.900+/-80.810 χ^2/NDF : 76.4/40

All: 200.608+/-57.036 χ^2/NDF : 134.5/78

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 353.497+/-0.062 χ^2/NDF : 1001715.8/21

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 348.890+/-0.062 χ^2/NDF : 882487.6/20

Left: 351.171+/-0.044 χ^2/NDF : 1886976.8/42

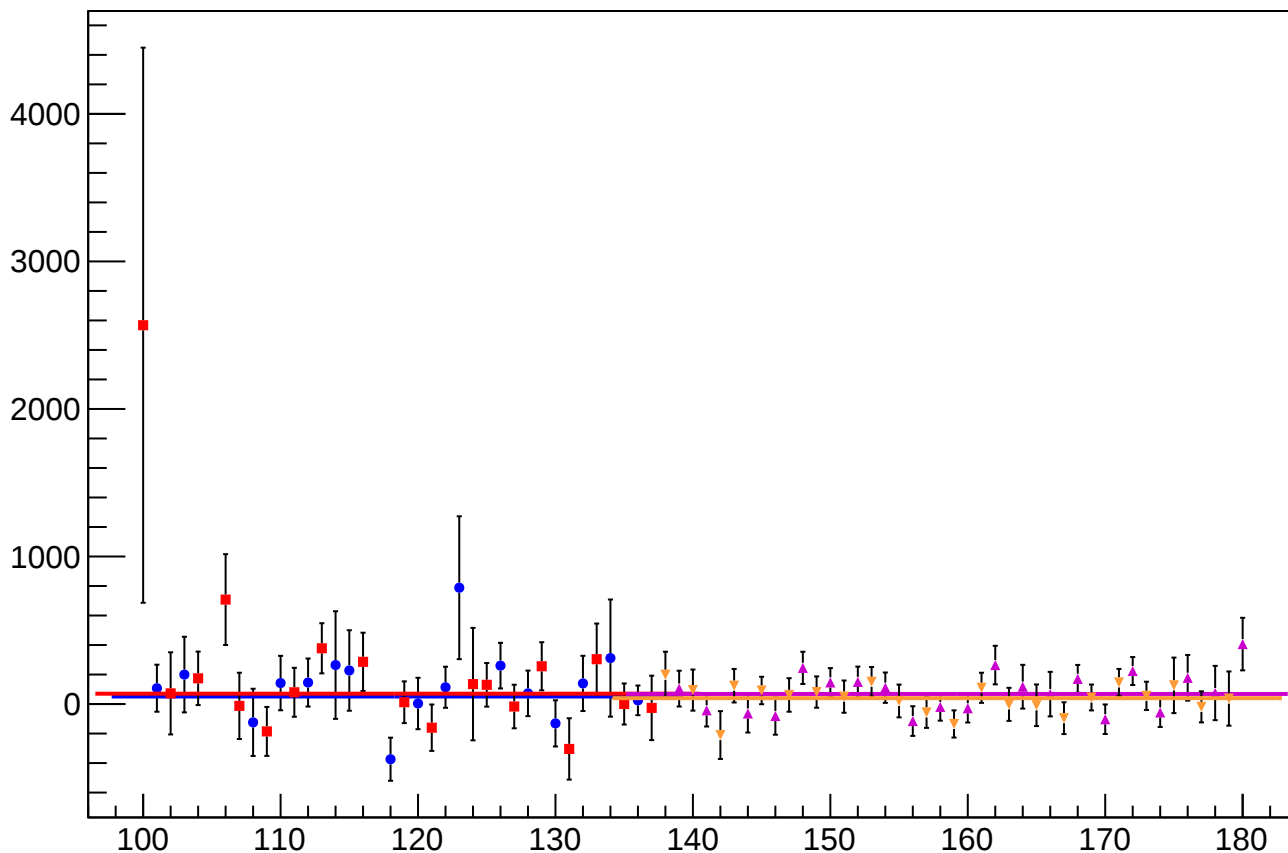
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 375.579+/-0.057 χ^2/NDF : 2745899.1/37

Out: 381.295+/-0.057 χ^2/NDF : 2908988.0/40

All: 378.426+/-0.040 χ^2/NDF : 5659908.4/78

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 39.869 $\pm$ 23.691 χ^2 /NDF:14.6/21

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 68.370 $\pm$ 24.625 χ^2 /NDF:27.7/20

Left: 53.569 $\pm$ 17.073 χ^2 /NDF: 43.0/42

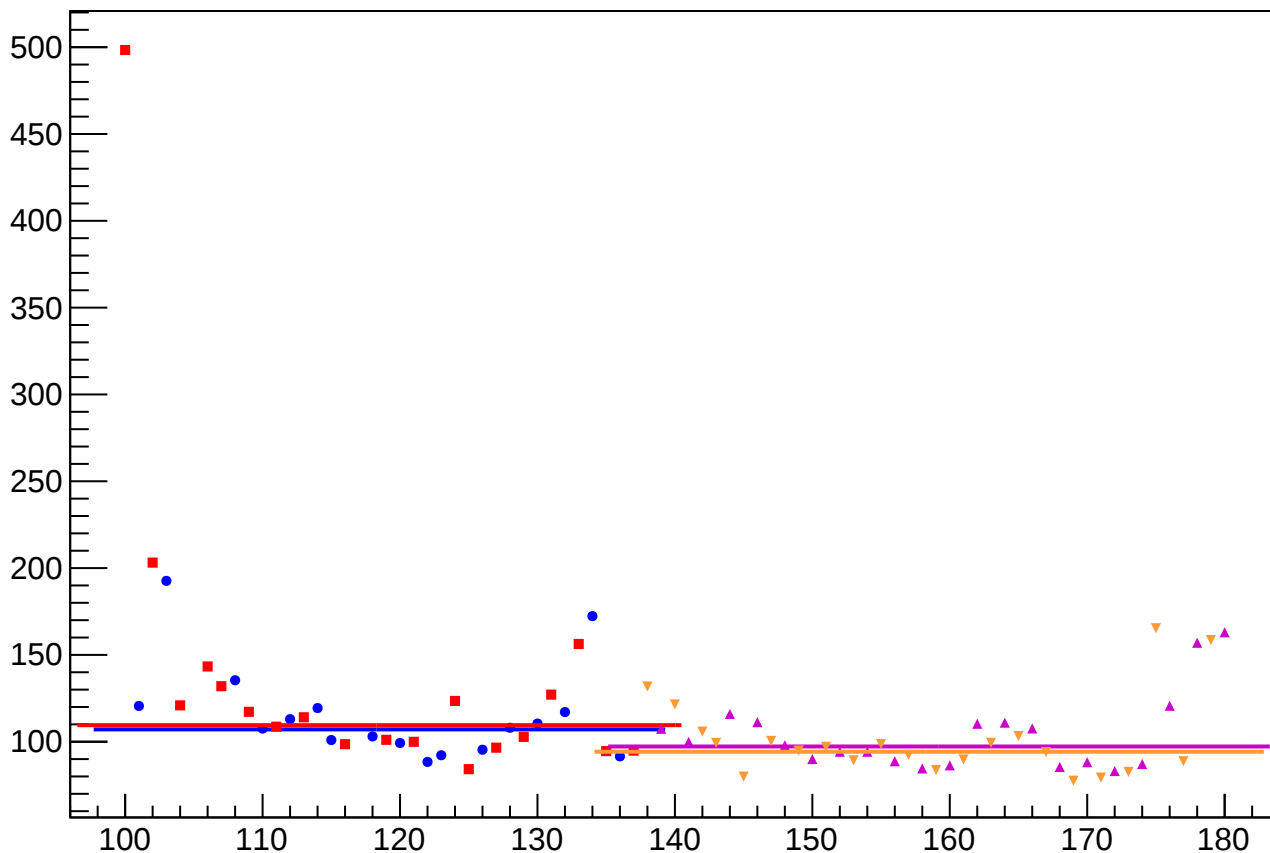
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 64.033 $\pm$ 21.296 χ^2 /NDF:45.2/37

Out: 46.955 $\pm$ 20.727 χ^2 /NDF:37.1/40

All: 55.263 $\pm$ 14.853 χ^2 /NDF: 82.7/78

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: 94.235 $\pm$ 0.017 χ^2 /NDF:1002533.7/21

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 97.254 $\pm$ 0.017 χ^2 /NDF:861904.4/20

Left: 95.686 $\pm$ 0.012 χ^2 /NDF: 1880053.6/42

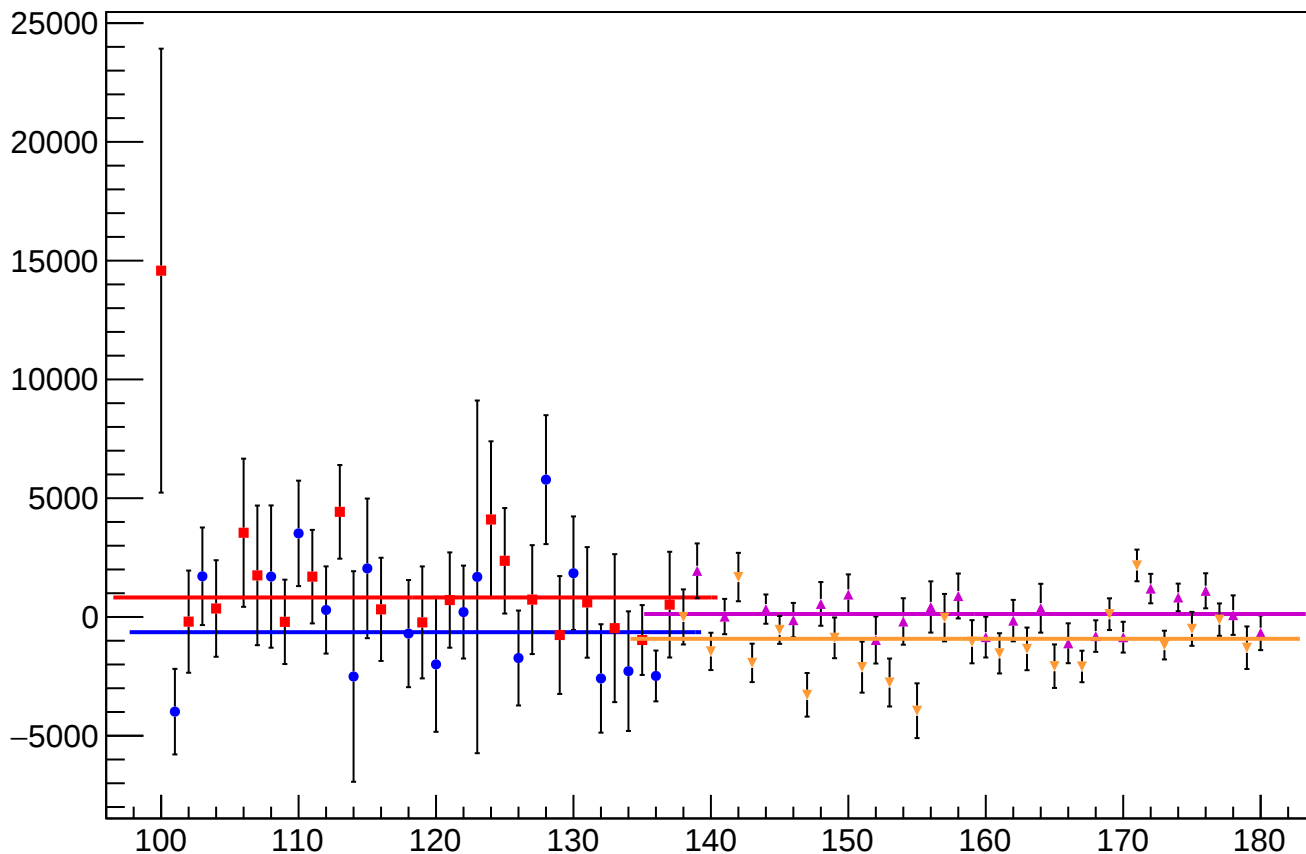
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 99.735 $\pm$ 0.015 χ^2 /NDF:1380155.7/37

Out: 97.823 $\pm$ 0.015 χ^2 /NDF:1789636.1/40

All: 98.753 $\pm$ 0.011 χ^2 /NDF: 3178064.8/78

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -918.800+/-171.993 χ^2/NDF : 59.9/21

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 125.340+/-171.216 χ^2/NDF : 21.1/20

Left: -394.365+/-121.342 χ^2/NDF : 99.5/42

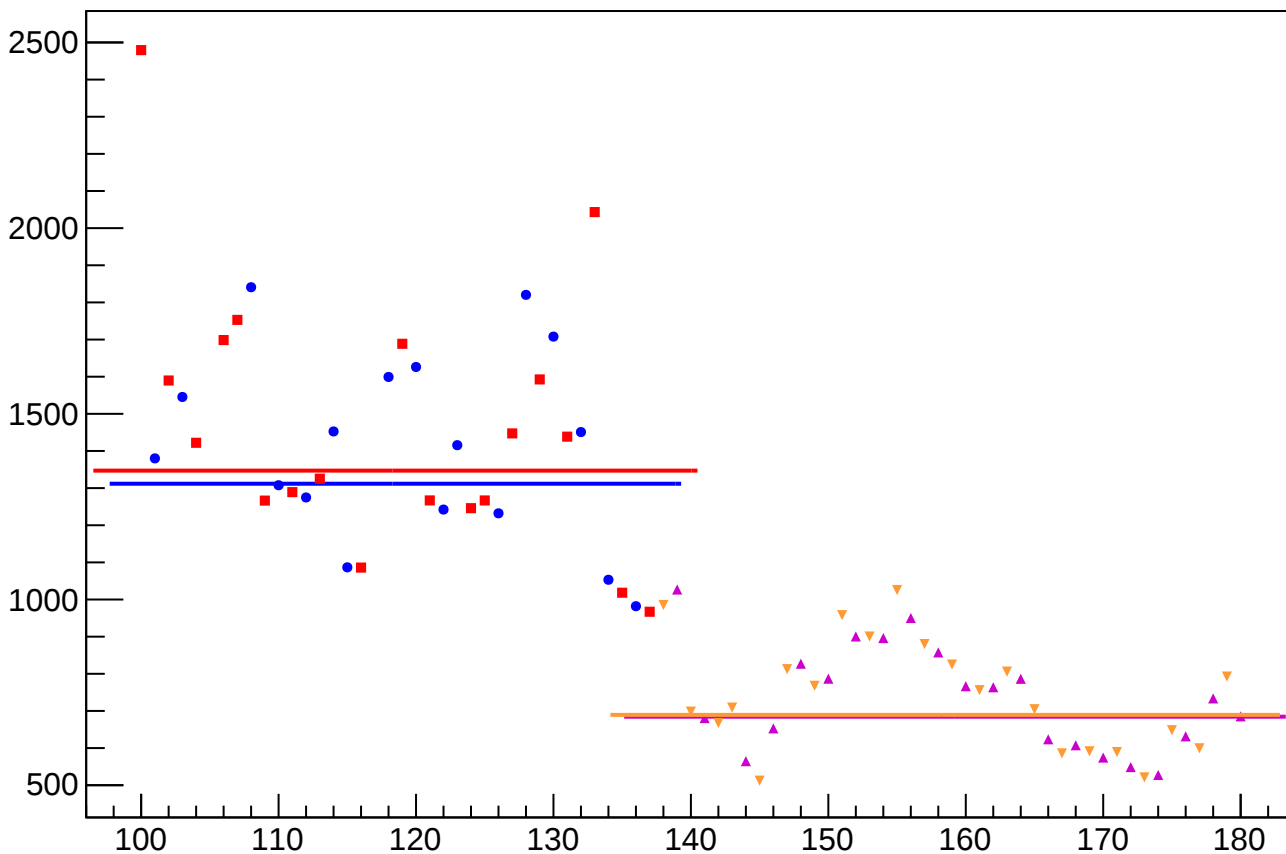
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: 50.302+/-162.604 χ^2/NDF : 44.8/37

Out: -744.581+/-163.157 χ^2/NDF : 81.1/40

All: -345.790+/-115.173 χ^2/NDF : 137.8/78

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 689.394+/-0.122 χ^2/NDF : 1273598.5/21

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 684.494+/-0.121 χ^2/NDF : 1118676.6/20

Left: 686.933+/-0.086 χ^2/NDF : 2393090.4/42

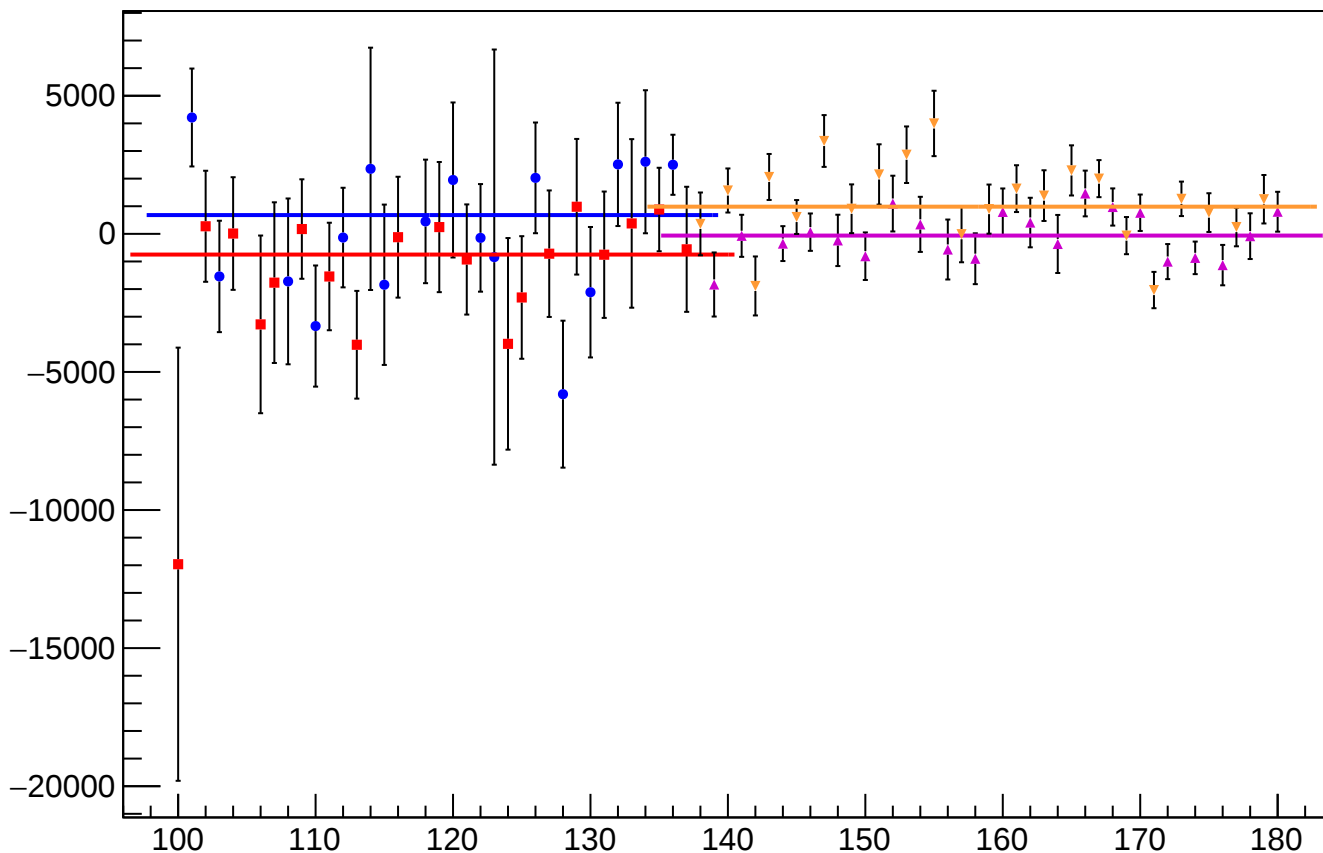
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 746.010+/-0.115 χ^2/NDF : 4264092.4/37

Out: 755.238+/-0.115 χ^2/NDF : 4692076.8/40

All: 750.608+/-0.081 χ^2/NDF : 8959379.5/78

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 984.302+/-174.163 χ^2/NDF : 58.7/21

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: -62.230+/-172.032 χ^2/NDF : 22.2/20

Left: 454.593+/-122.391 χ^2/NDF : 99.2/42

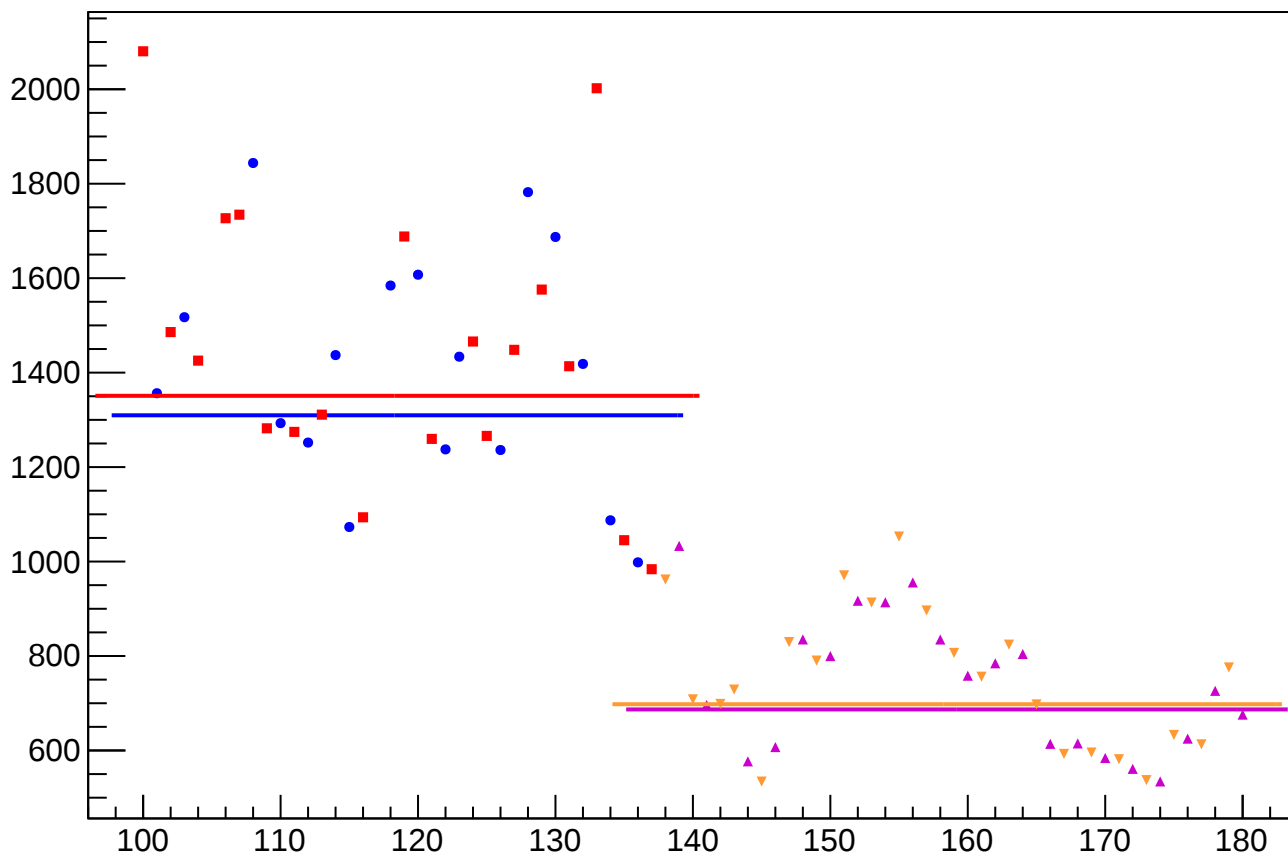
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 11.621+/-163.248 χ^2/NDF : 46.6/37

Out: 807.082+/-165.023 χ^2/NDF : 78.5/40

All: 405.050+/-116.056 χ^2/NDF : 136.9/78

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 697.918 $\pm$ 0.123 χ^2 /NDF: 1215116.9/21

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 686.876 $\pm$ 0.122 χ^2 /NDF: 1115317.7/20

Left: 692.329 $\pm$ 0.087 χ^2 /NDF: 2334503.4/42

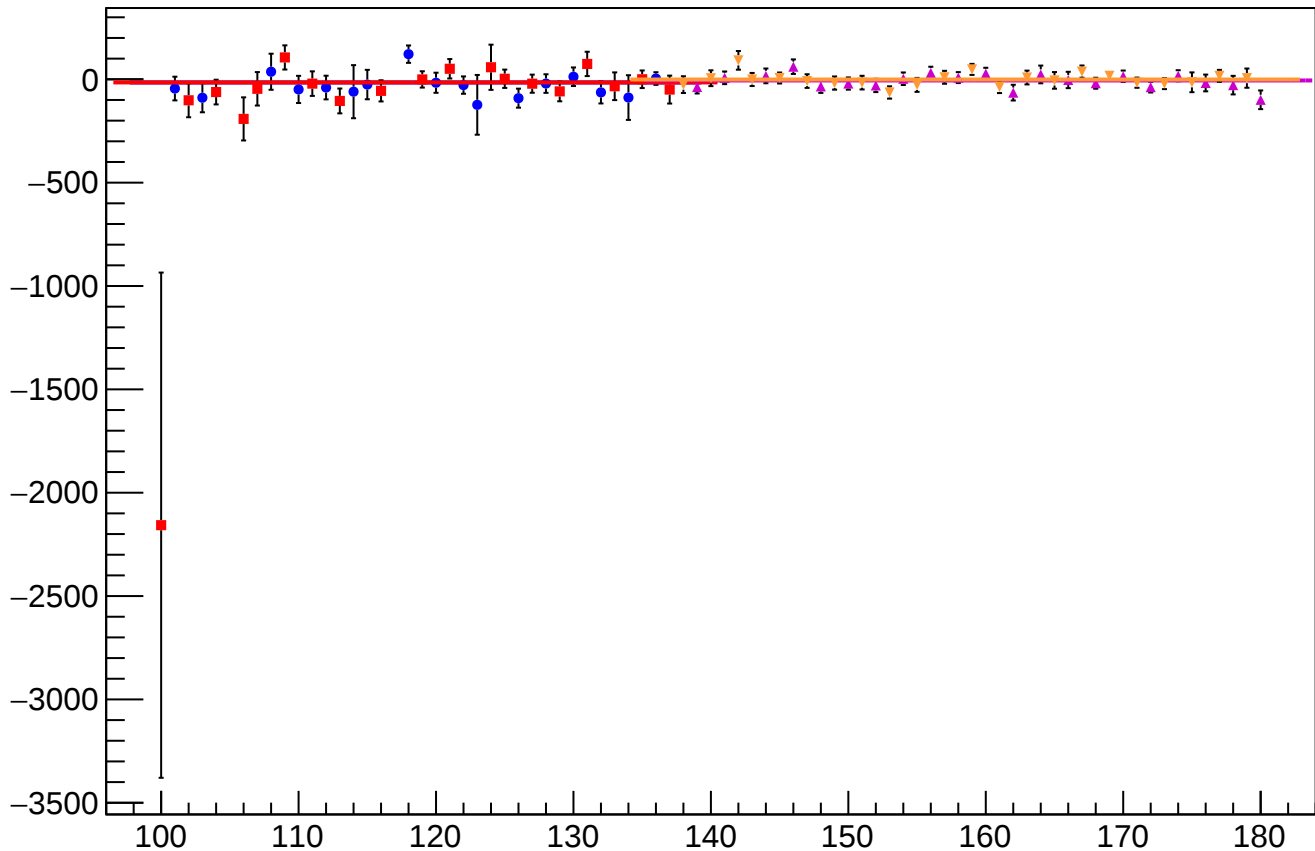
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 748.848 $\pm$ 0.115 χ^2 /NDF: 4182837.8/37

Out: 764.658 $\pm$ 0.117 χ^2 /NDF: 4511497.2/40

All: 756.668 $\pm$ 0.082 χ^2 /NDF: 8703612.7/78

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: -0.935 ± 6.738 χ^2/NDF : 18.8/21

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -5.612 ± 6.934 χ^2/NDF : 20.7/20

Left: -3.206 ± 4.832 χ^2/NDF : 39.7/42

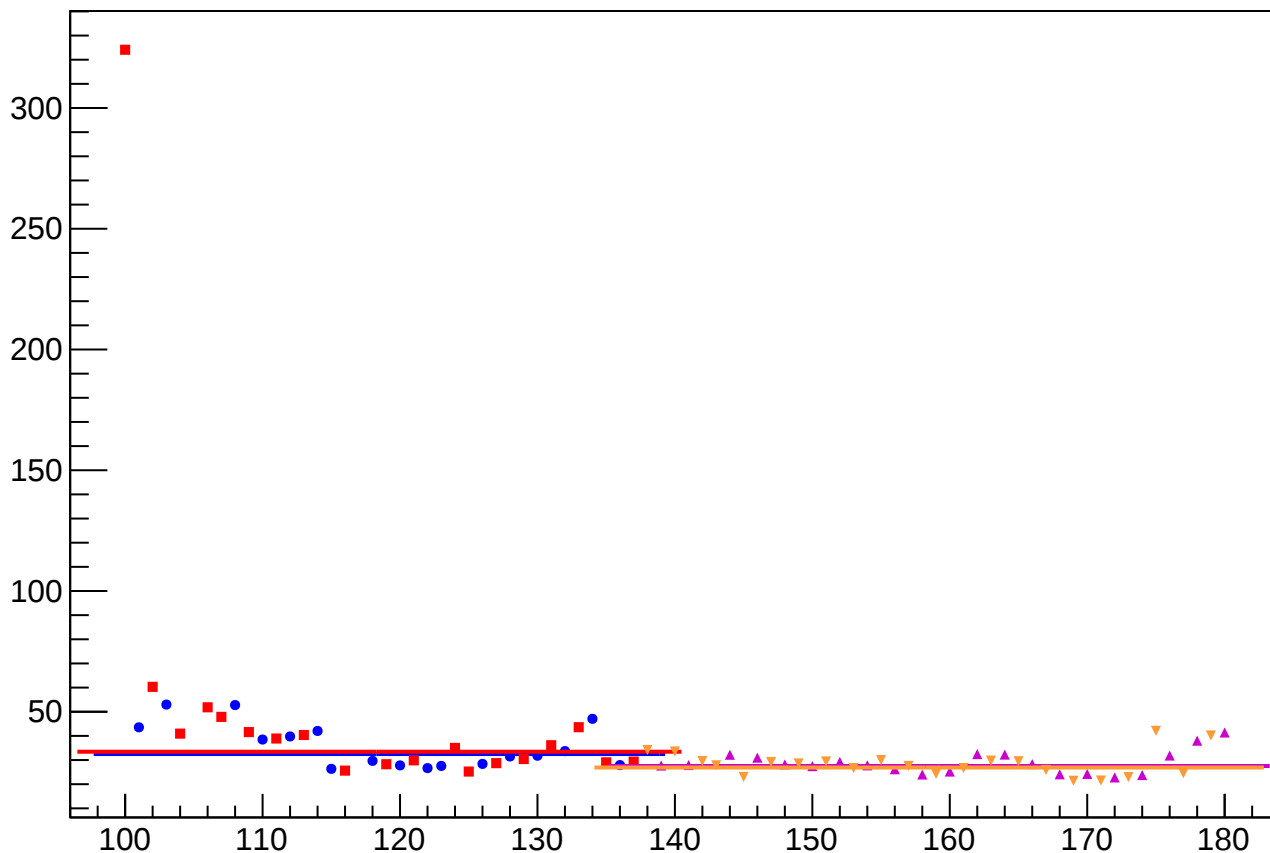
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -7.777 ± 6.109 χ^2/NDF : 39.4/37

Out: -3.896 ± 5.992 χ^2/NDF : 41.0/40

All: -5.799 ± 4.277 χ^2/NDF : 80.6/78

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 26.907 $\pm$ 0.005 χ^2 /NDF: 884311.1/21

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 27.529 $\pm$ 0.005 χ^2 /NDF: 659782.4/20

Left: 27.209 $\pm$ 0.003 χ^2 /NDF: 1552361.2/42

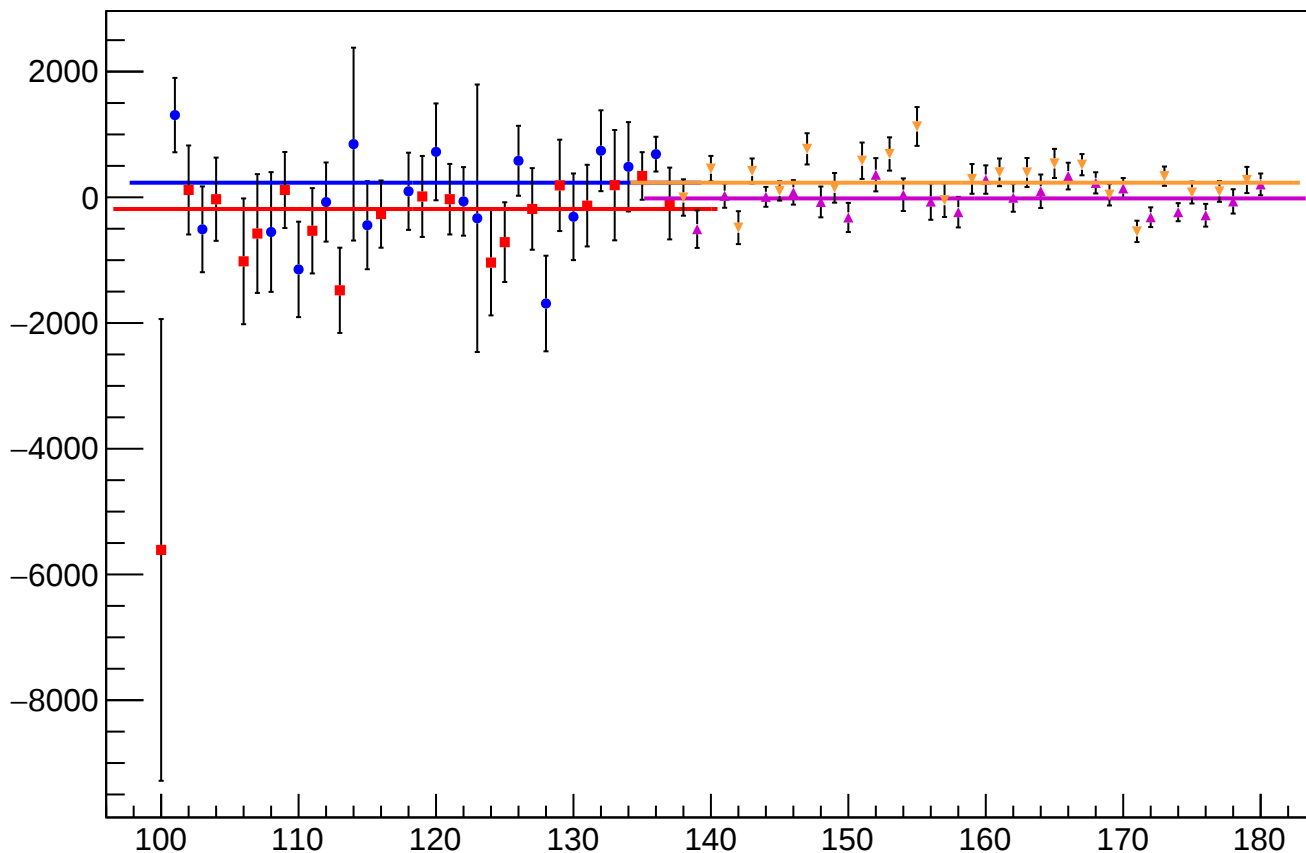
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 28.640 $\pm$ 0.004 χ^2 /NDF: 1483496.7/37

Out: 28.275 $\pm$ 0.004 χ^2 /NDF: 2116698.3/40

All: 28.454 $\pm$ 0.003 χ^2 /NDF: 3603823.7/78

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: 232.233 $\pm$ 43.888 χ^2 /NDF:59.4/21

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -17.661 $\pm$ 43.636 χ^2 /NDF:25.4/20

Left: 106.566 $\pm$ 30.944 χ^2 /NDF: 101.1/42

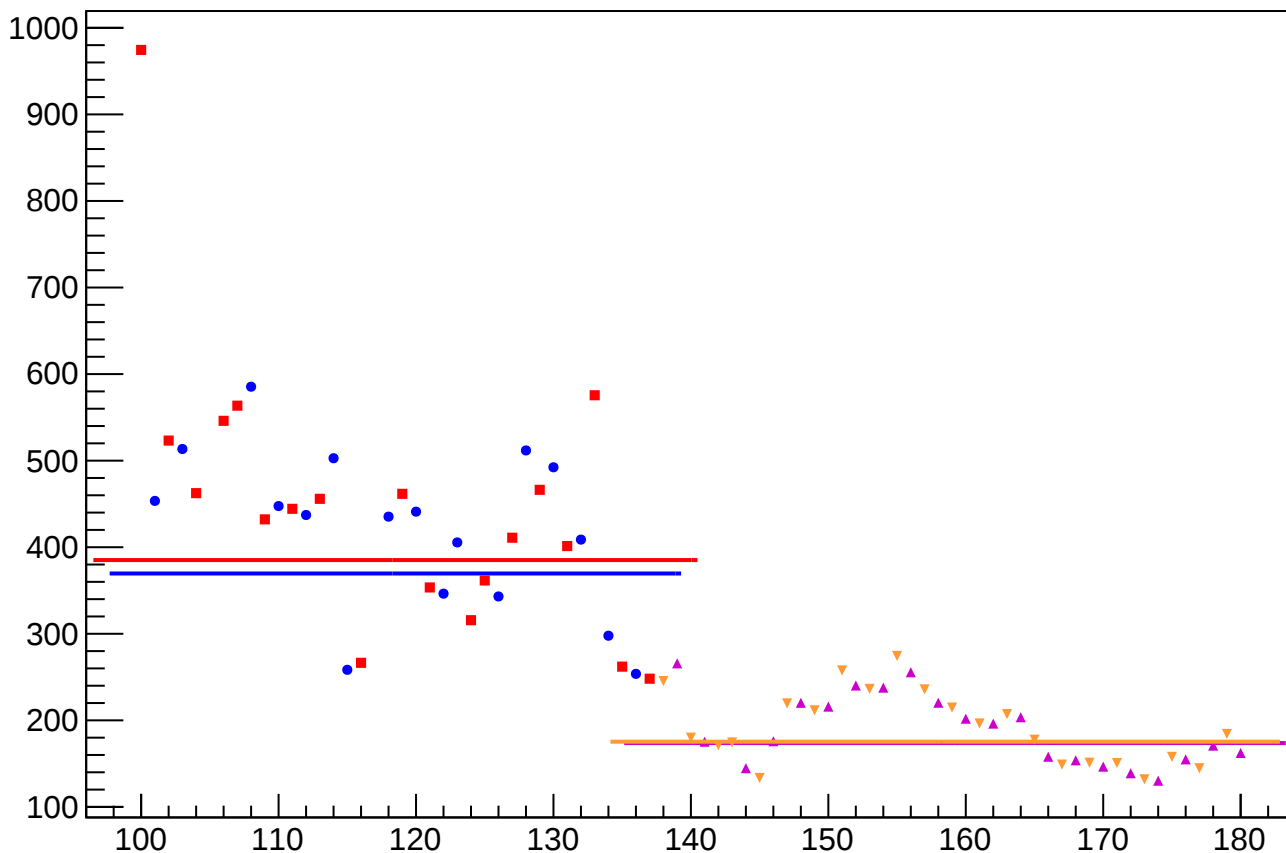
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 2.183 $\pm$ 41.869 χ^2 /NDF:49.4/37

Out: 199.187 $\pm$ 42.120 χ^2 /NDF:78.4/40

All: 100.096 $\pm$ 29.694 χ^2 /NDF: 138.8/78

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: 175.349 $\pm$ 0.031 χ^2/NDF :1453820.2/21

Right Out: 385.154 $\pm$ 0.106 χ^2/NDF : 926572.0/18

Left In: 173.778 $\pm$ 0.031 χ^2/NDF :1359931.1/20

Left: 174.559 $\pm$ 0.022 χ^2/NDF : 2815039.9/42

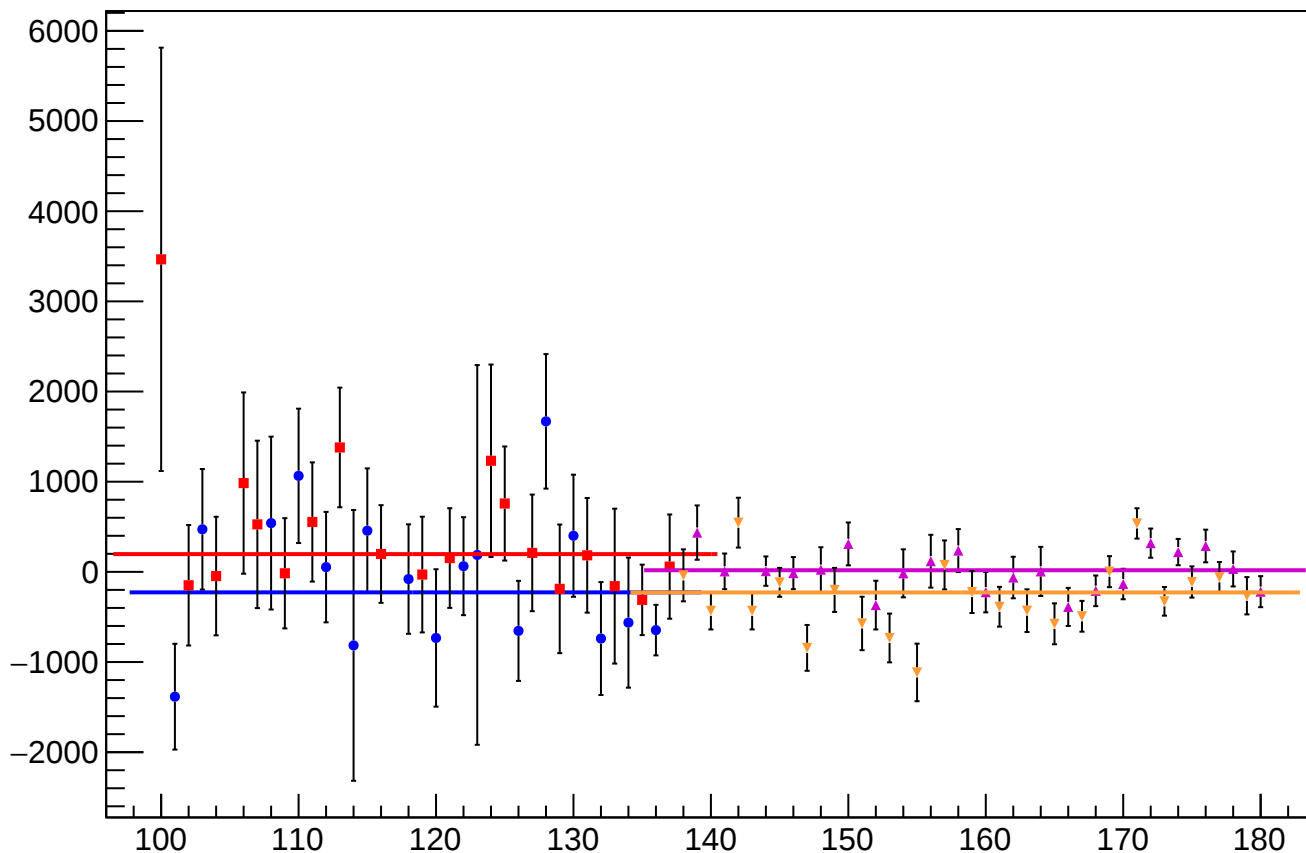
Right: 377.336 $\pm$ 0.075 χ^2/NDF : 1840139.7/35

In: 189.326 $\pm$ 0.030 χ^2/NDF :5461419.0/37

Out: 191.919 $\pm$ 0.030 χ^2/NDF :5989978.2/40

All: 190.614 $\pm$ 0.021 χ^2/NDF : 11455208.8/78

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -228.236 ± 44.627 χ^2/NDF : 60.7/21

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 17.974 ± 43.990 χ^2/NDF : 23.6/20

Left: -103.360 ± 31.328 χ^2/NDF : 99.7/42

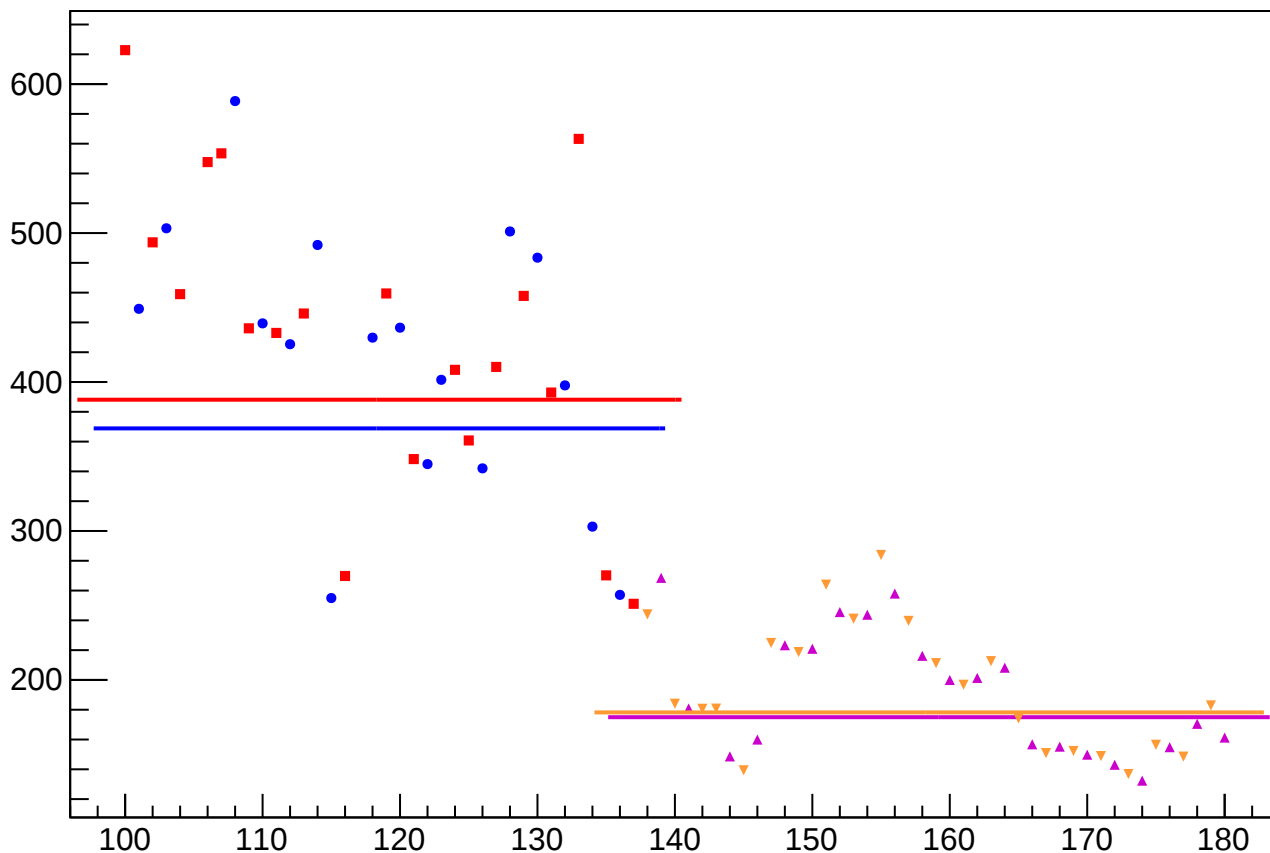
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -1.953 ± 42.165 χ^2/NDF : 47.9/37

Out: -193.752 ± 42.778 χ^2/NDF : 78.8/40

All: -96.467 ± 30.030 χ^2/NDF : 136.9/78

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: 178.211 $\pm$ 0.032 χ^2 /NDF: 1426963.2/21

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 174.990 $\pm$ 0.031 χ^2 /NDF: 1354798.1/20

Left: 176.578 $\pm$ 0.022 χ^2 /NDF: 2787045.2/42

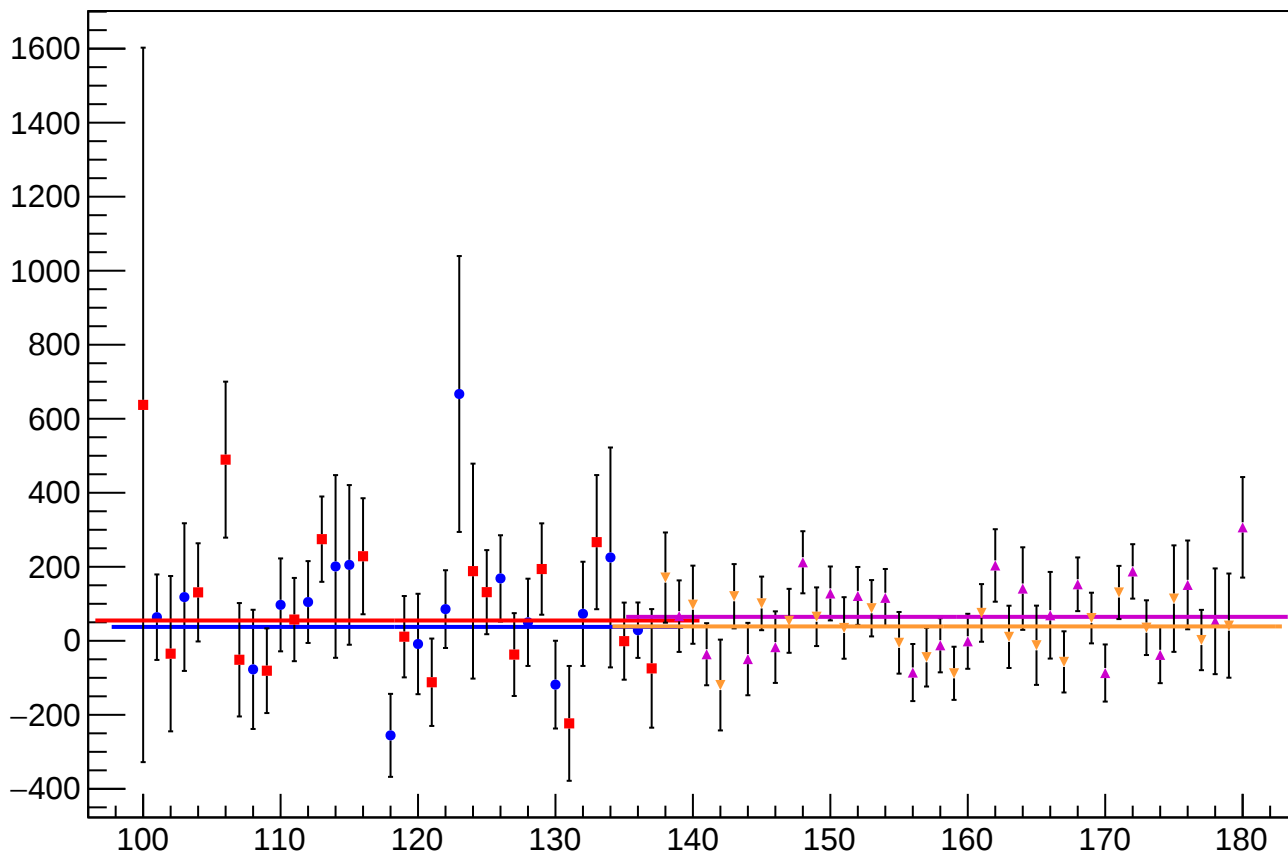
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 190.743 $\pm$ 0.030 χ^2 /NDF: 5340930.1/37

Out: 195.244 $\pm$ 0.030 χ^2 /NDF: 5795727.1/40

All: 192.961 $\pm$ 0.021 χ^2 /NDF: 11147888.6/78

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 38.853 $\pm$ 18.157 χ^2 /NDF:13.9/21

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 64.736 $\pm$ 18.901 χ^2 /NDF:30.1/20

Left: 51.275 $\pm$ 13.094 χ^2 /NDF: 45.0/42

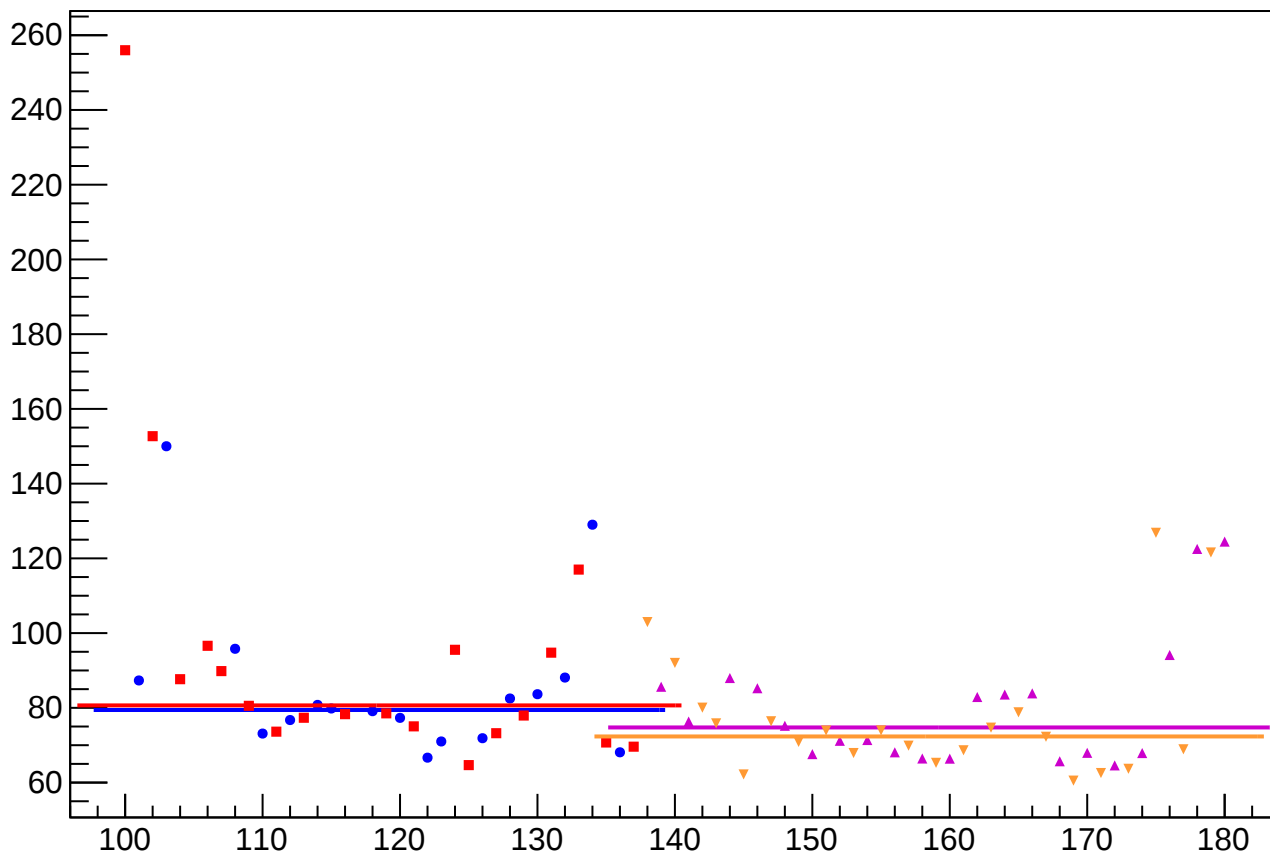
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 57.522 $\pm$ 16.202 χ^2 /NDF:46.5/37

Out: 42.858 $\pm$ 15.727 χ^2 /NDF:36.3/40

All: 49.972 $\pm$ 11.285 χ^2 /NDF: 83.2/78

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: 72.340 $\pm$ 0.013 χ^2/NDF :953666.4/21

Right Out: 80.652 $\pm$ 0.022 χ^2/NDF : 520439.8/18

Left In: 74.751 $\pm$ 0.013 χ^2/NDF :862672.5/20

Left: 73.497 $\pm$ 0.009 χ^2/NDF : 1833265.8/42

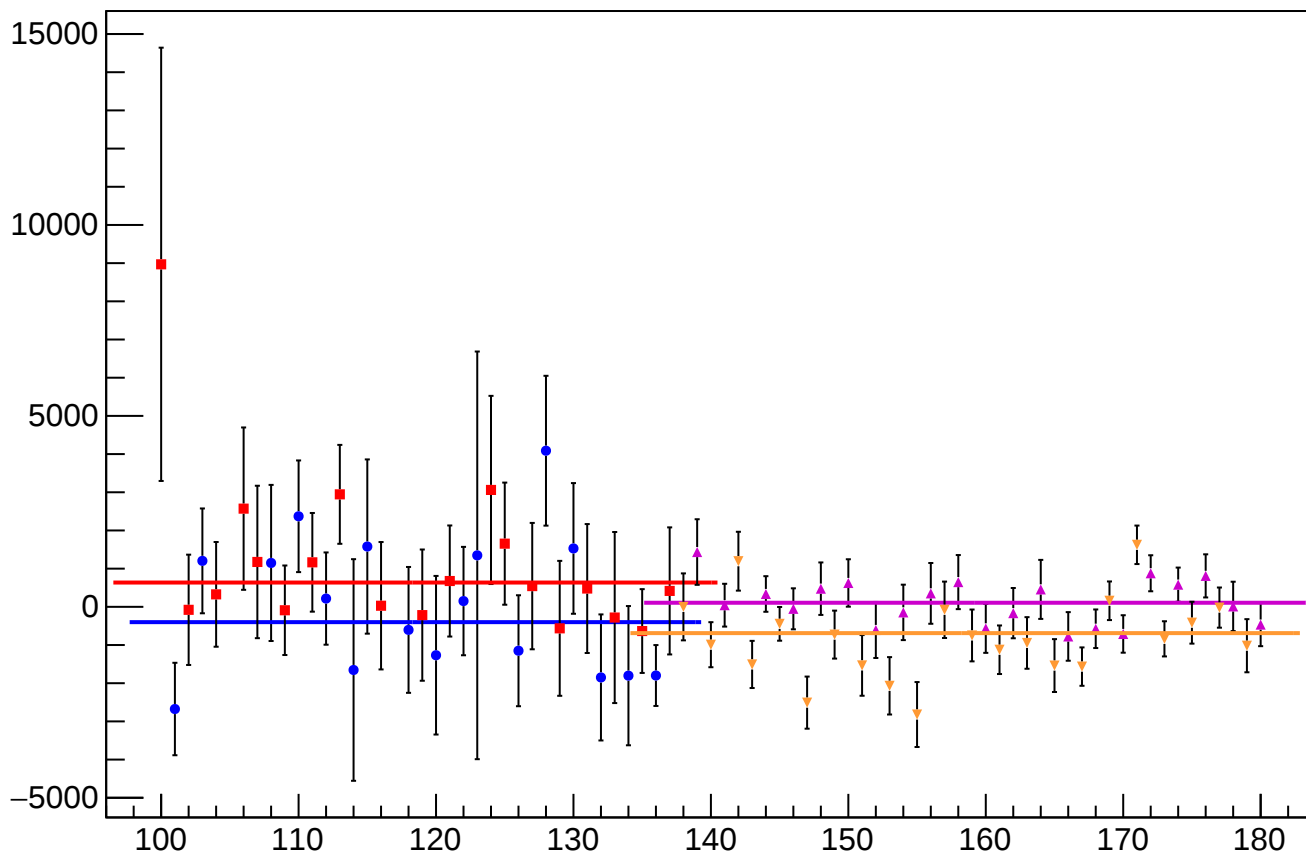
Right: 80.036 $\pm$ 0.016 χ^2/NDF : 961016.5/35

In: 75.990 $\pm$ 0.011 χ^2/NDF :1334104.5/37

Out: 74.416 $\pm$ 0.011 χ^2/NDF :1578772.3/40

All: 75.179 $\pm$ 0.008 χ^2/NDF : 2922596.7/78

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 $\chi^2/\text{NDF}: 21.9/16$

Left Out: -688.304 ± 129.841 $\chi^2/\text{NDF}: 58.7/21$

Right Out: 636.133 ± 362.923 $\chi^2/\text{NDF}: 10.8/18$

Left In: 106.874 ± 129.327 $\chi^2/\text{NDF}: 19.9/20$

Left: -289.137 ± 91.629 $\chi^2/\text{NDF}: 97.4/42$

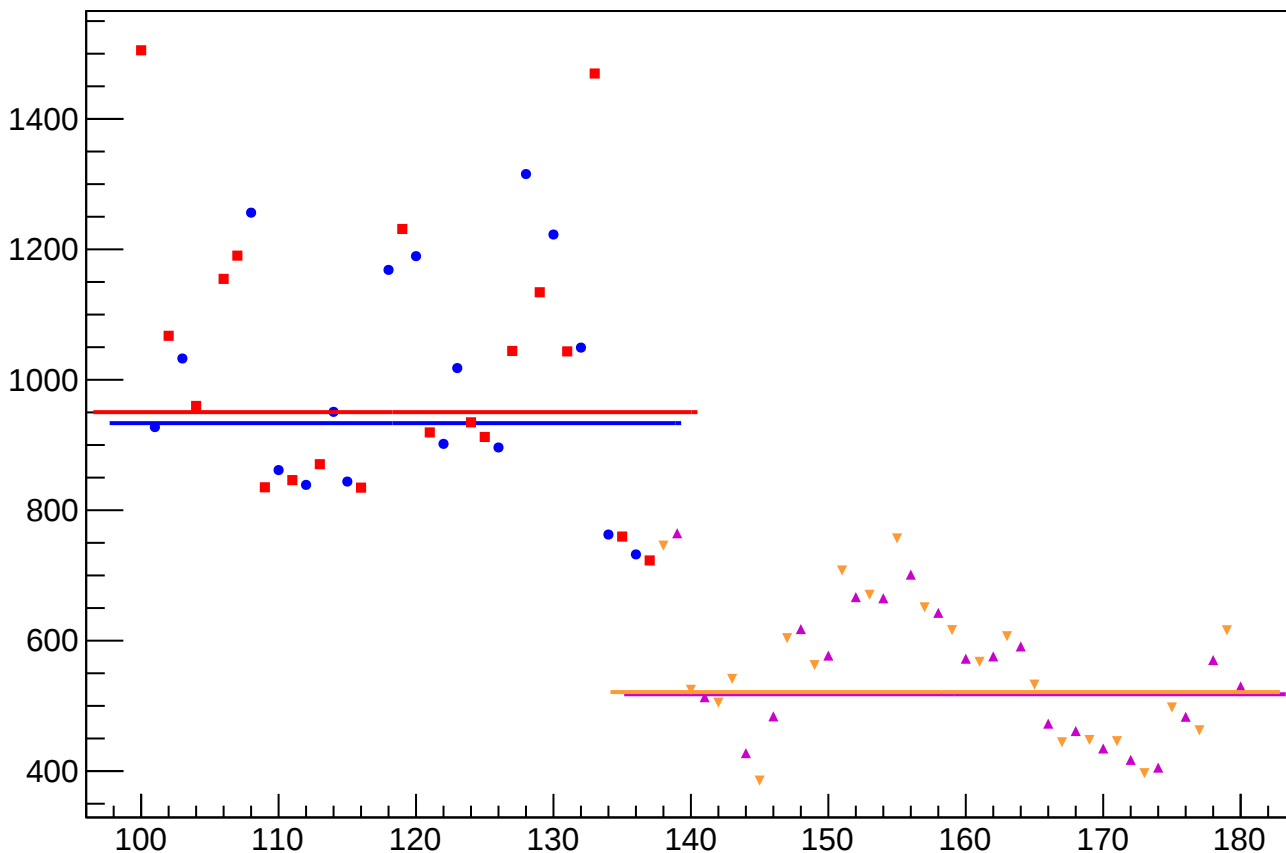
Right: 125.423 ± 258.567 $\chi^2/\text{NDF}: 36.8/35$

In: 51.169 ± 122.029 $\chi^2/\text{NDF}: 43.5/37$

Out: -538.017 ± 122.253 $\chi^2/\text{NDF}: 81.4/40$

All: -242.885 ± 86.367 $\chi^2/\text{NDF}: 136.5/78$

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 χ^2/NDF : 442321.9/16

Left Out: 521.167 ± 0.092 χ^2/NDF : 1193694.6/21

Right Out: 950.411 ± 0.257 χ^2/NDF : 424360.9/18

Left In: 517.826 ± 0.091 χ^2/NDF : 1021868.9/20

Left: 519.490 ± 0.065 χ^2/NDF : 2216228.3/42

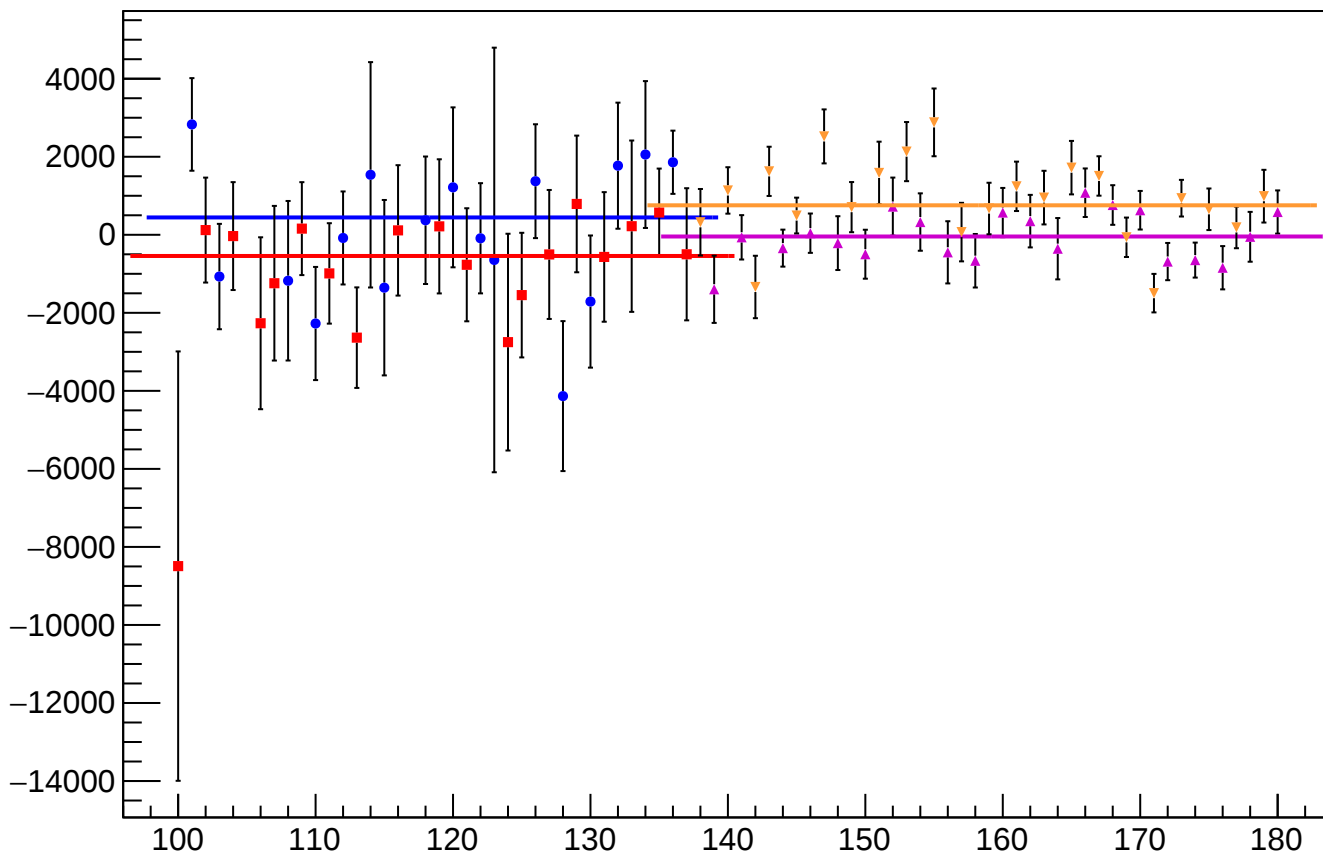
Right: 942.099 ± 0.183 χ^2/NDF : 868813.4/35

In: 563.417 ± 0.086 χ^2/NDF : 3730513.5/37

Out: 569.874 ± 0.086 χ^2/NDF : 4098345.5/40

All: 566.640 ± 0.061 χ^2/NDF : 7831653.8/78

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 755.693+/-130.538 χ^2/NDF : 57.2/21

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -43.739+/-129.053 χ^2/NDF : 22.0/20

Left: 351.403+/-91.775 χ^2/NDF : 98.2/42

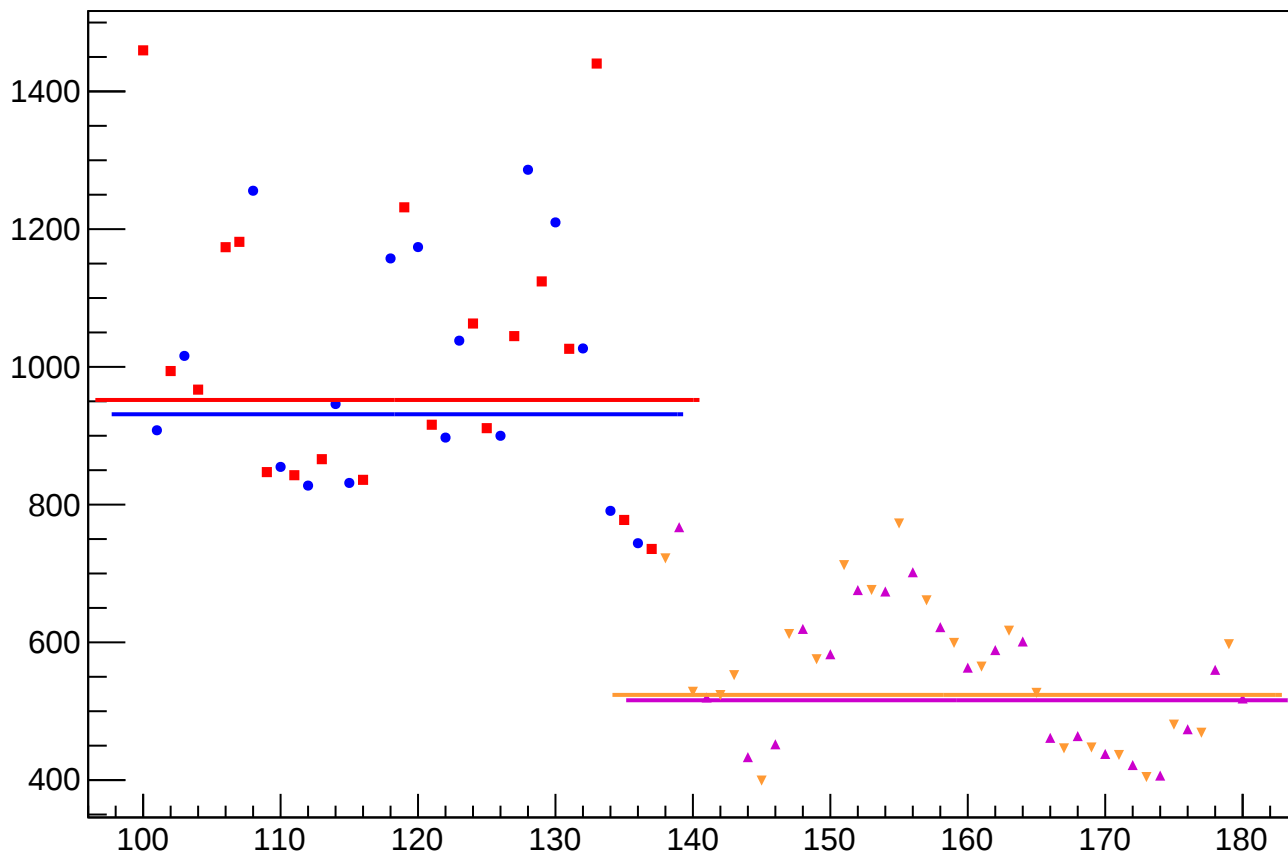
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 9.982+/-121.748 χ^2/NDF : 46.4/37

Out: 607.207+/-122.849 χ^2/NDF : 77.9/40

All: 305.907+/-86.476 χ^2/NDF : 136.3/78

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 523.729+/-0.092 χ^2/NDF :1142052.6/21

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 515.916+/-0.091 χ^2/NDF :1034489.6/20

Left: 519.778+/-0.065 χ^2/NDF : 2180165.1/42

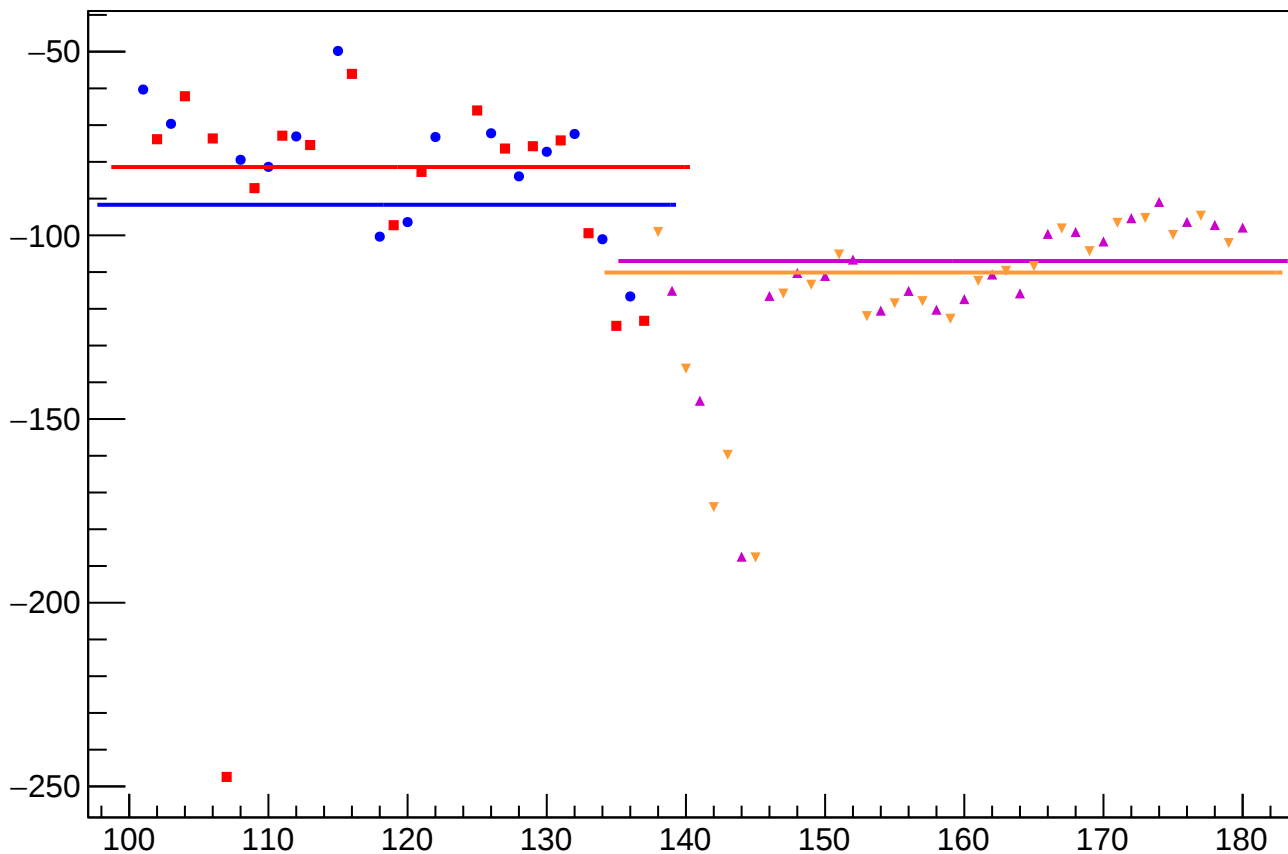
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 561.595+/-0.086 χ^2/NDF :3712727.6/37

Out: 572.691+/-0.087 χ^2/NDF :3985580.5/40

All: 567.093+/-0.061 χ^2/NDF : 7706539.3/78

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -110.121 ± 0.055 $\chi^2/\text{NDF}: 59479.8/21$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -106.992 ± 0.047 $\chi^2/\text{NDF}: 111084.6/20$

Left: -108.323 ± 0.036 $\chi^2/\text{NDF}: 172451.4/42$

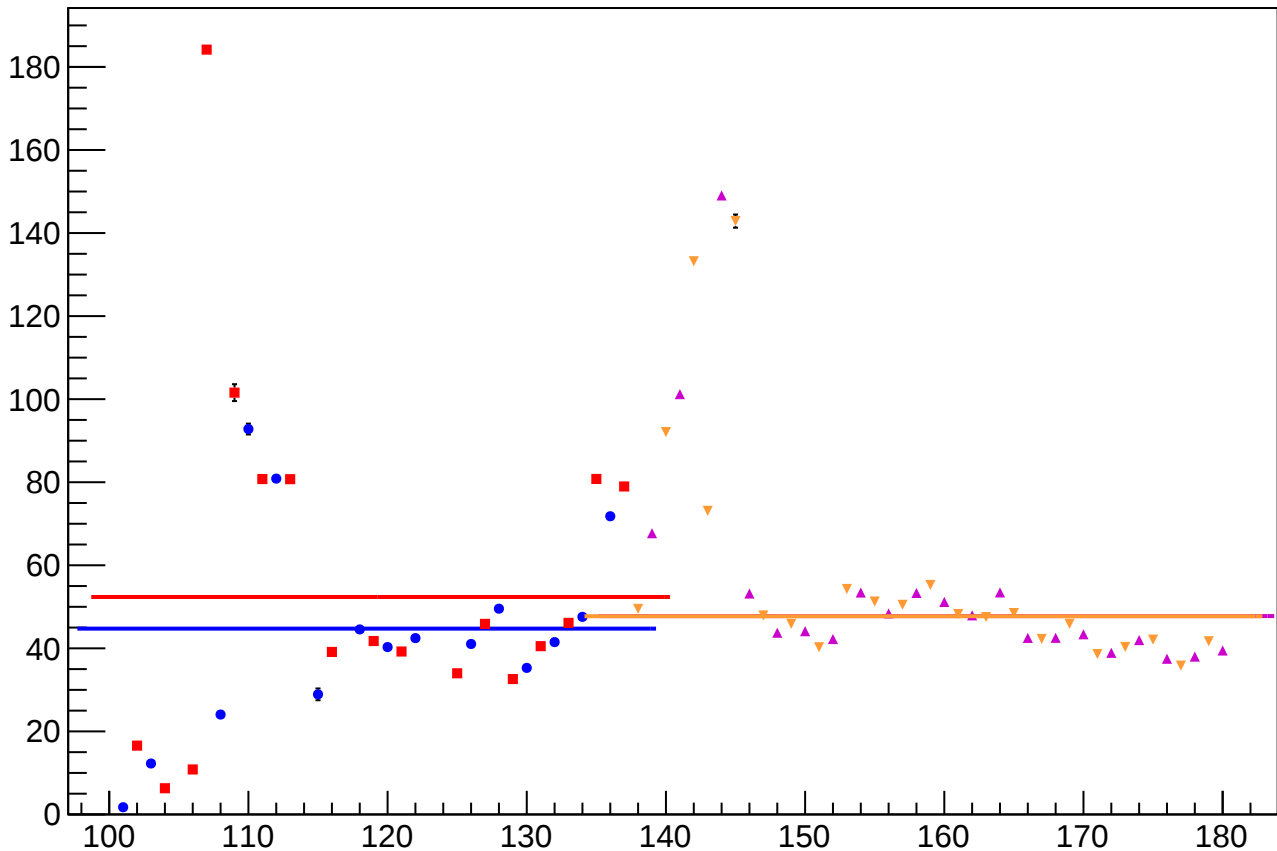
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -102.248 ± 0.039 $\chi^2/\text{NDF}: 208608.9/35$

Out: -103.366 ± 0.048 $\chi^2/\text{NDF}: 166224.4/38$

All: -102.696 ± 0.030 $\chi^2/\text{NDF}: 375161.6/74$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2 /NDF: 84697.9/14

Left Out: 47.732 $\pm$ 0.046 χ^2 /NDF:60440.5/21

Right Out: 52.367 $\pm$ 0.113 χ^2 /NDF: 69285.2/16

Left In: 47.771 $\pm$ 0.041 χ^2 /NDF:146705.5/20

Left: 47.754 $\pm$ 0.030 χ^2 /NDF: 207146.4/42

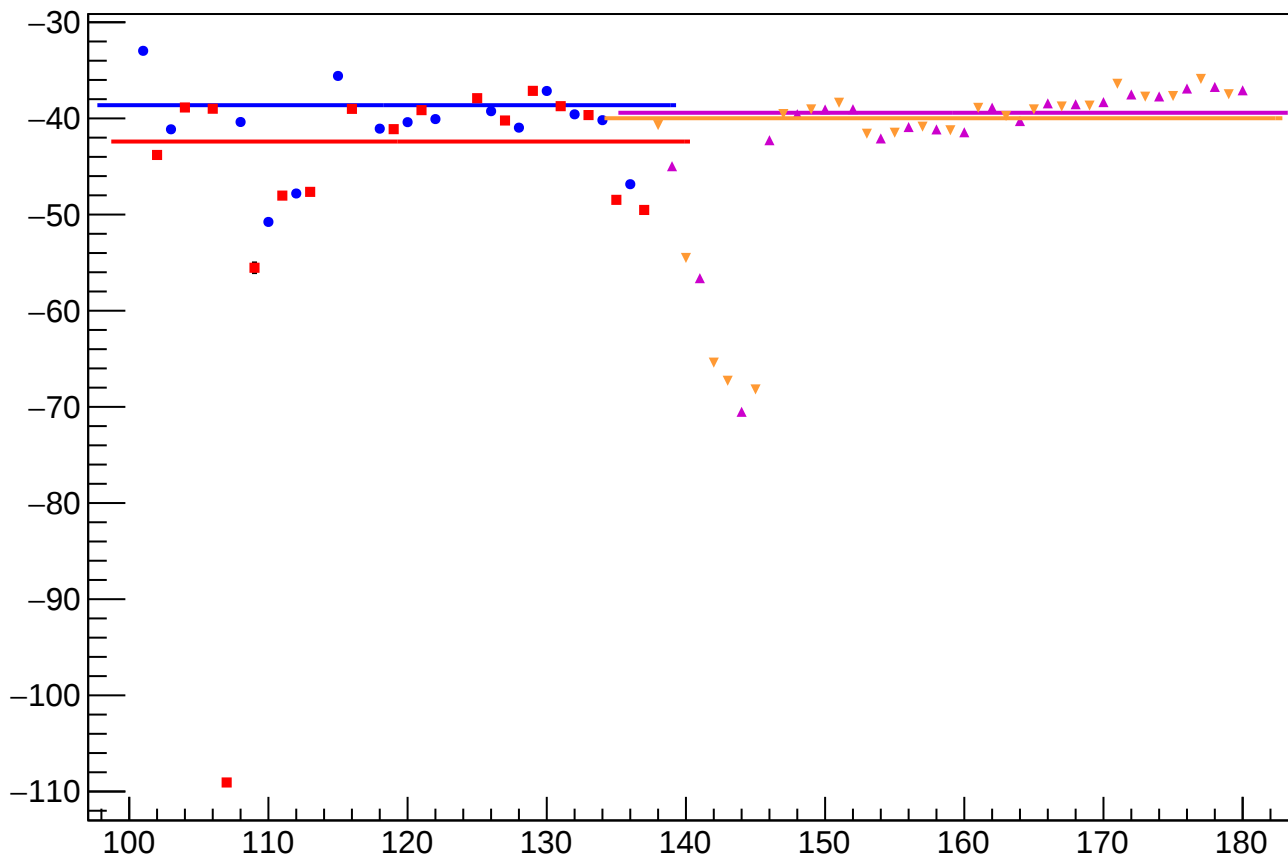
Right: 46.456 $\pm$ 0.053 χ^2 /NDF: 157538.4/31

In: 46.819 $\pm$ 0.034 χ^2 /NDF:233114.7/35

Out: 48.384 $\pm$ 0.042 χ^2 /NDF:131182.4/38

All: 47.434 $\pm$ 0.026 χ^2 /NDF: 365130.8/74

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -39.983 ± 0.007 χ^2/NDF : 248253.9/21

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -39.414 ± 0.007 χ^2/NDF : 217813.3/20

Left: -39.694 ± 0.005 χ^2/NDF : 469306.4/42

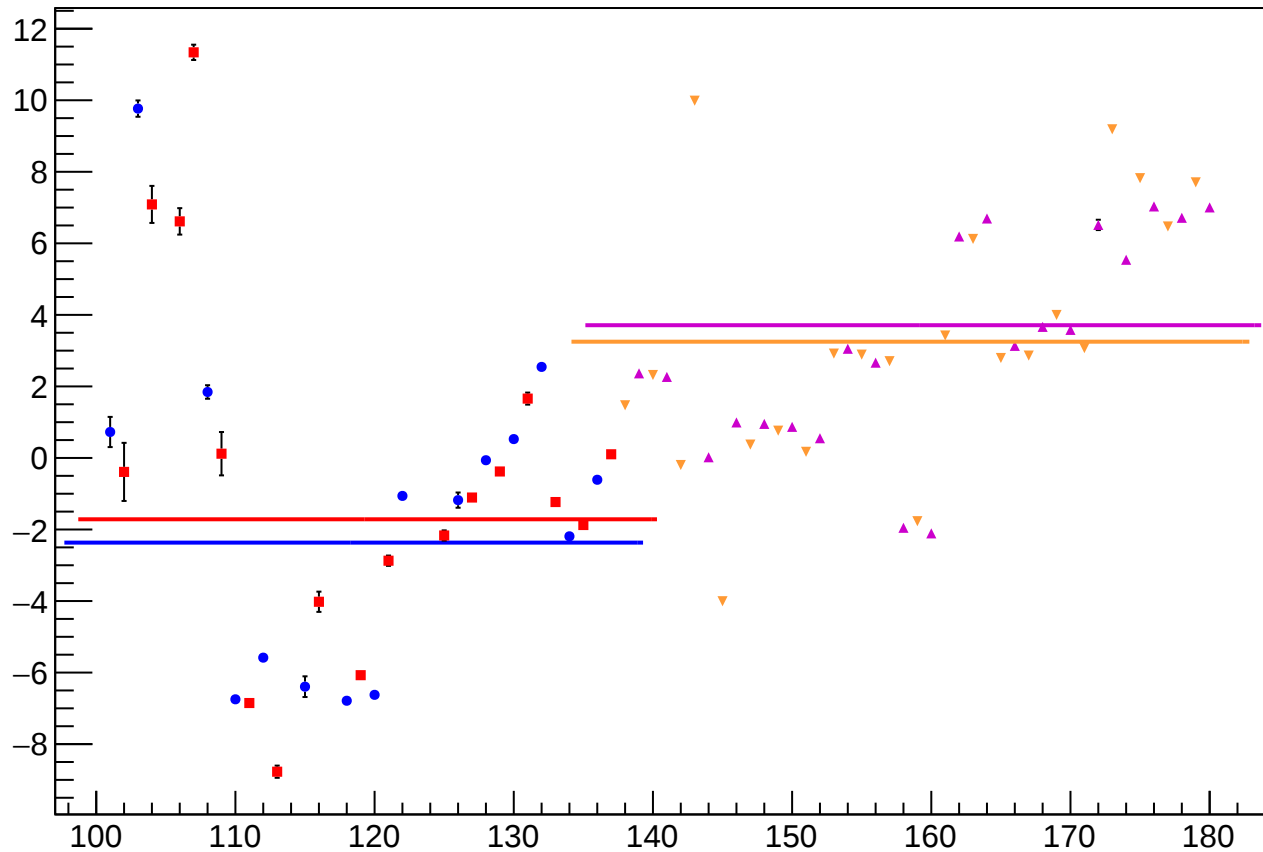
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.084 ± 0.005 χ^2/NDF : 463218.5/35

Out: -40.228 ± 0.007 χ^2/NDF : 529042.2/38

All: -39.524 ± 0.004 χ^2/NDF : 1009853.5/74

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 3.250 ± 0.007 χ^2/NDF : 152857.4/21

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 3.711 ± 0.006 χ^2/NDF : 219865.1/20

Left: 3.530 ± 0.005 χ^2/NDF : 375083.3/42

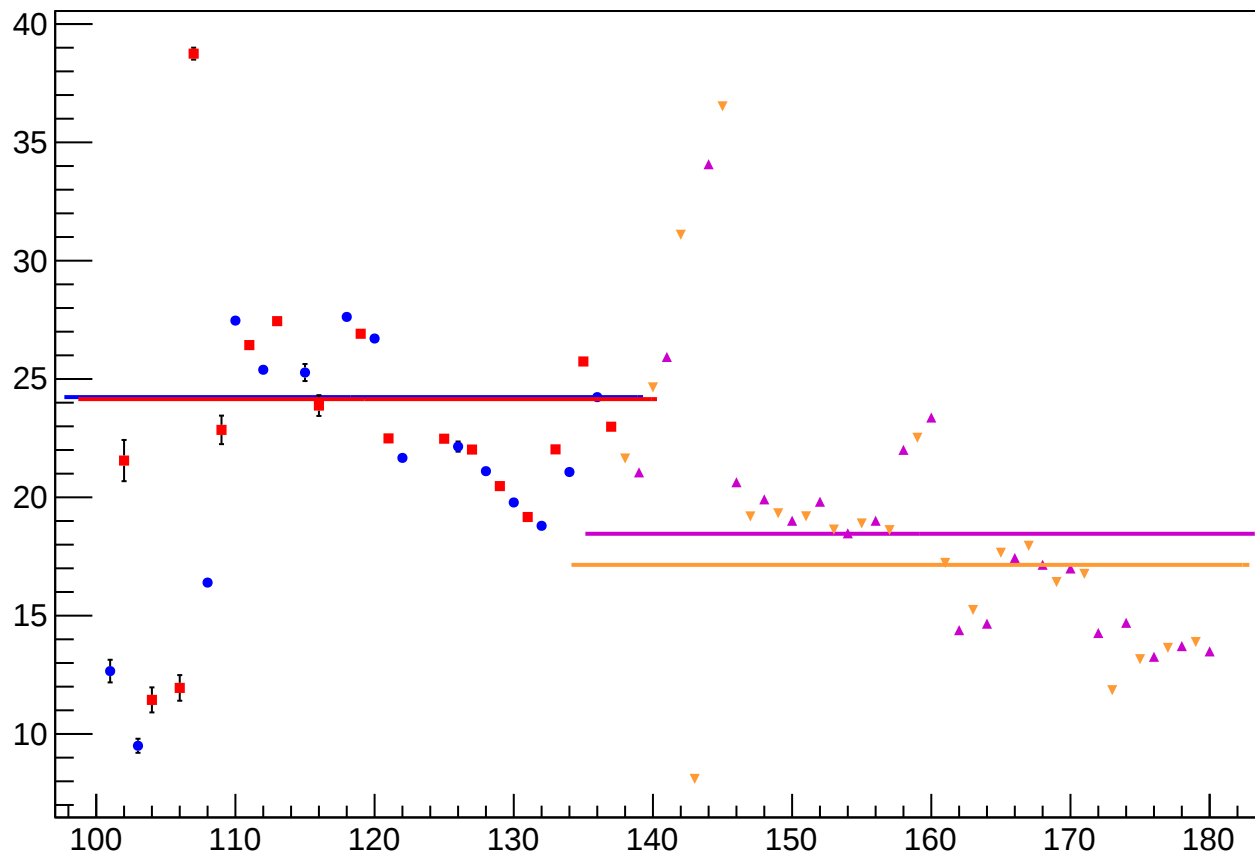
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 2.793 ± 0.005 χ^2/NDF : 406997.9/35

Out: 2.904 ± 0.007 χ^2/NDF : 197057.8/38

All: 2.834 ± 0.004 χ^2/NDF : 604208.0/74

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 17.147 $\pm$ 0.007 χ^2 /NDF:159342.9/21

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 18.460 $\pm$ 0.007 χ^2 /NDF:213345.5/20

Left: 17.815 $\pm$ 0.005 χ^2 /NDF: 388891.1/42

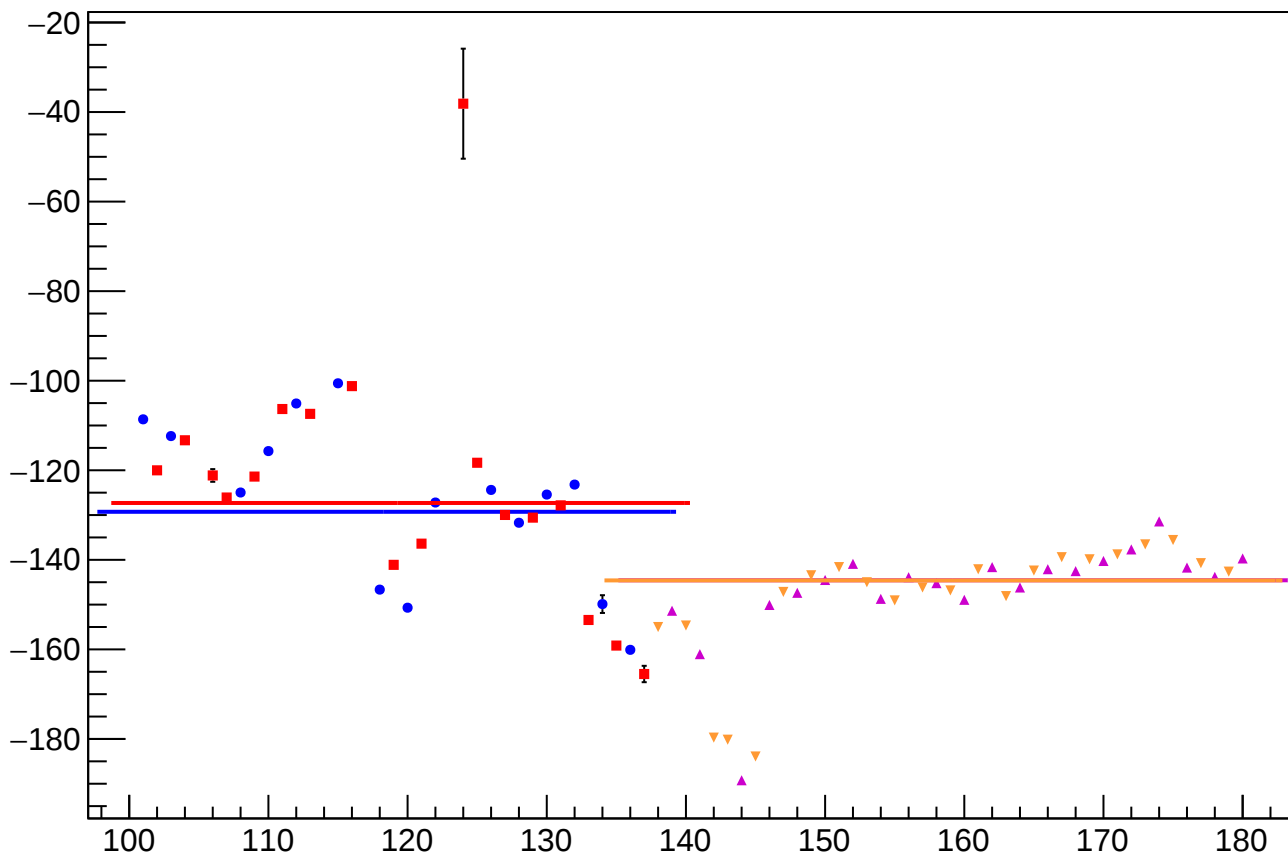
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 19.023 $\pm$ 0.007 χ^2 /NDF:297307.8/35

Out: 17.732 $\pm$ 0.007 χ^2 /NDF:248239.0/38

All: 18.394 $\pm$ 0.005 χ^2 /NDF: 562729.1/74

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -144.596 ± 0.043 χ^2/NDF : 42011.3/21

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -144.568 ± 0.046 χ^2/NDF : 33135.2/20

Left: -144.583 ± 0.032 χ^2/NDF : 75146.7/42

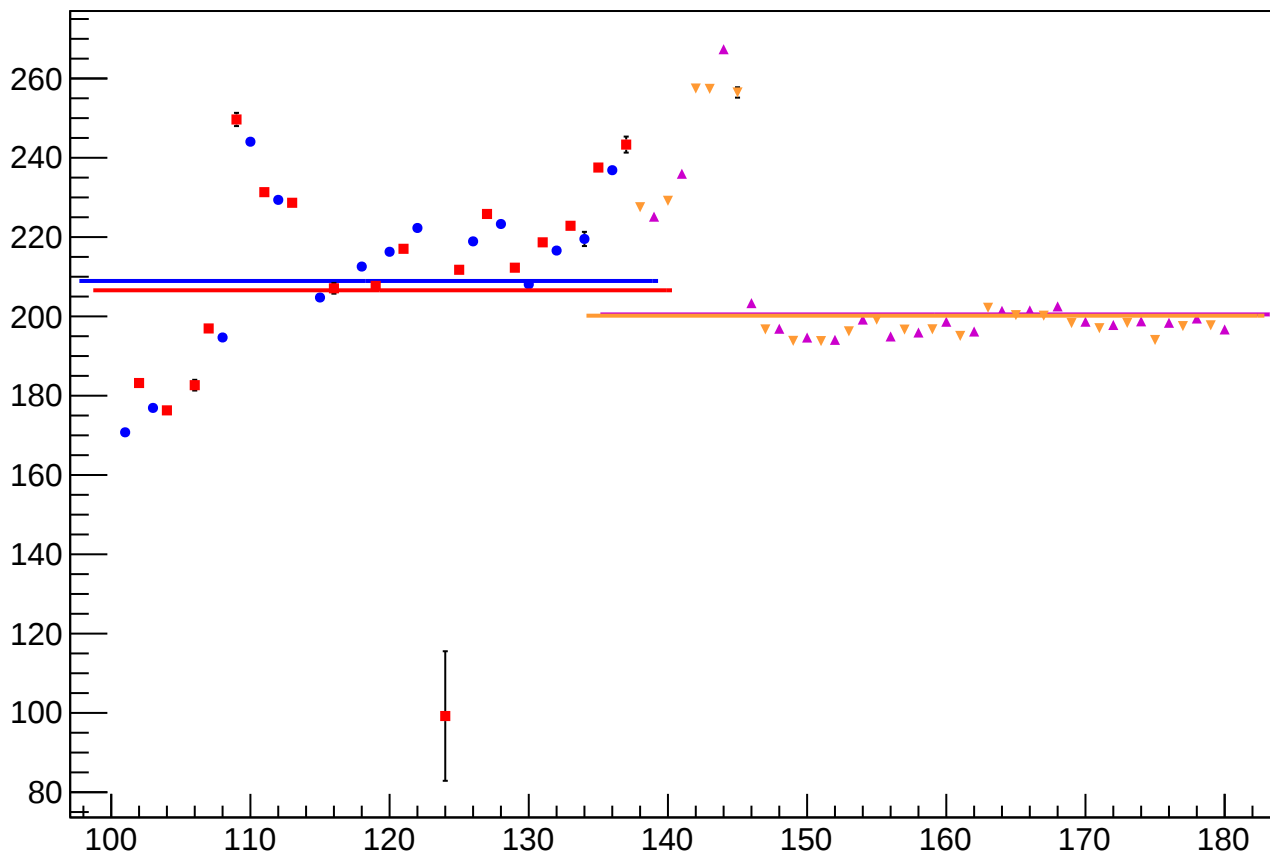
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.262 ± 0.041 χ^2/NDF : 92049.9/35

Out: -140.992 ± 0.038 χ^2/NDF : 104905.7/39

All: -141.119 ± 0.028 χ^2/NDF : 196978.9/75

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934+/-0.089 χ^2/NDF : 44684.8/14

Left Out: 200.180+/-0.036 χ^2/NDF : 108975.4/21

Right Out: 206.581+/-0.083 χ^2/NDF : 48210.8/17

Left In: 200.498+/-0.040 χ^2/NDF : 77724.5/20

Left: 200.321+/-0.027 χ^2/NDF : 186735.3/42

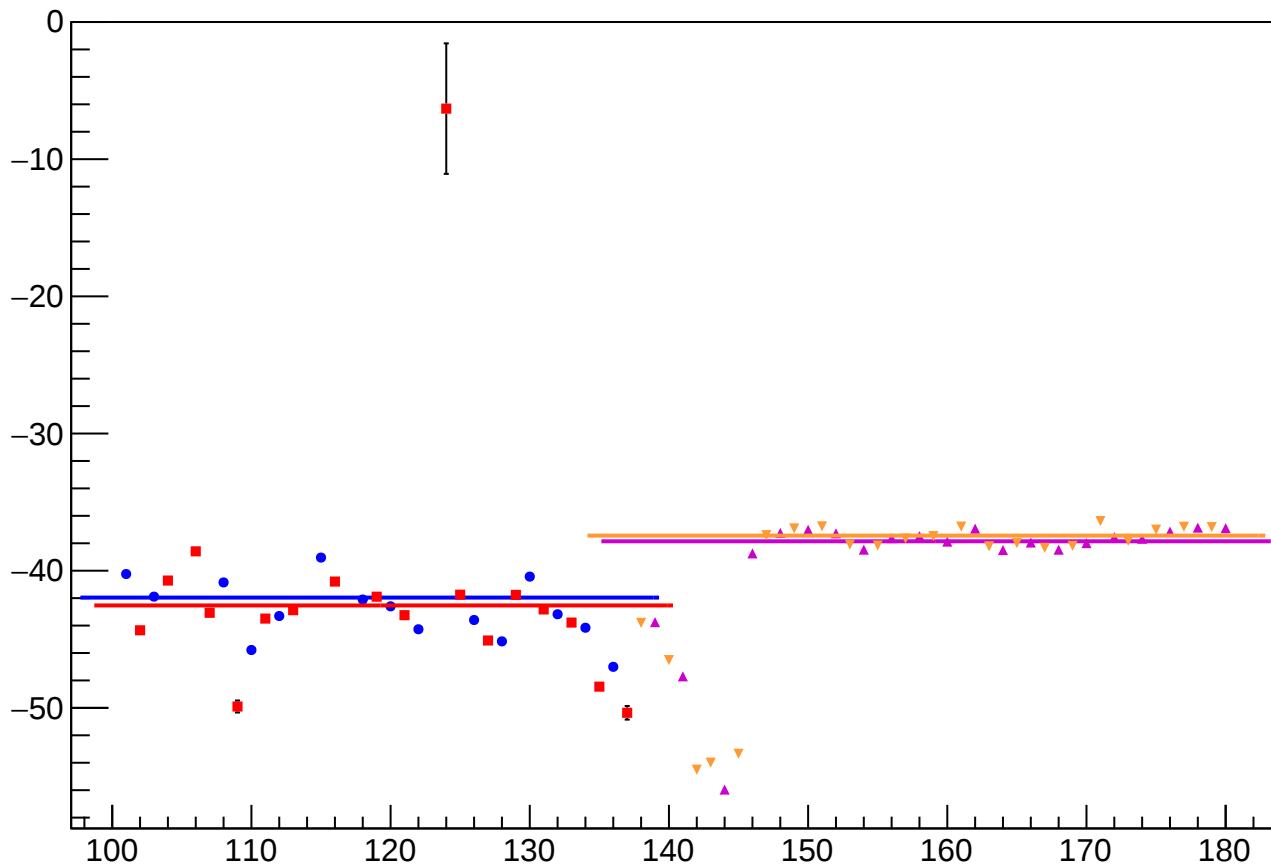
Right: 207.675+/-0.061 χ^2/NDF : 93267.6/32

In: 201.909+/-0.036 χ^2/NDF : 129856.1/35

Out: 201.170+/-0.033 χ^2/NDF : 162191.4/39

All: 201.499+/-0.024 χ^2/NDF : 292275.1/75

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.440 ± 0.004 χ^2/NDF : 230172.3/21

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -37.855 ± 0.004 χ^2/NDF : 142349.0/20

Left: -37.623 ± 0.003 χ^2/NDF : 377723.4/42

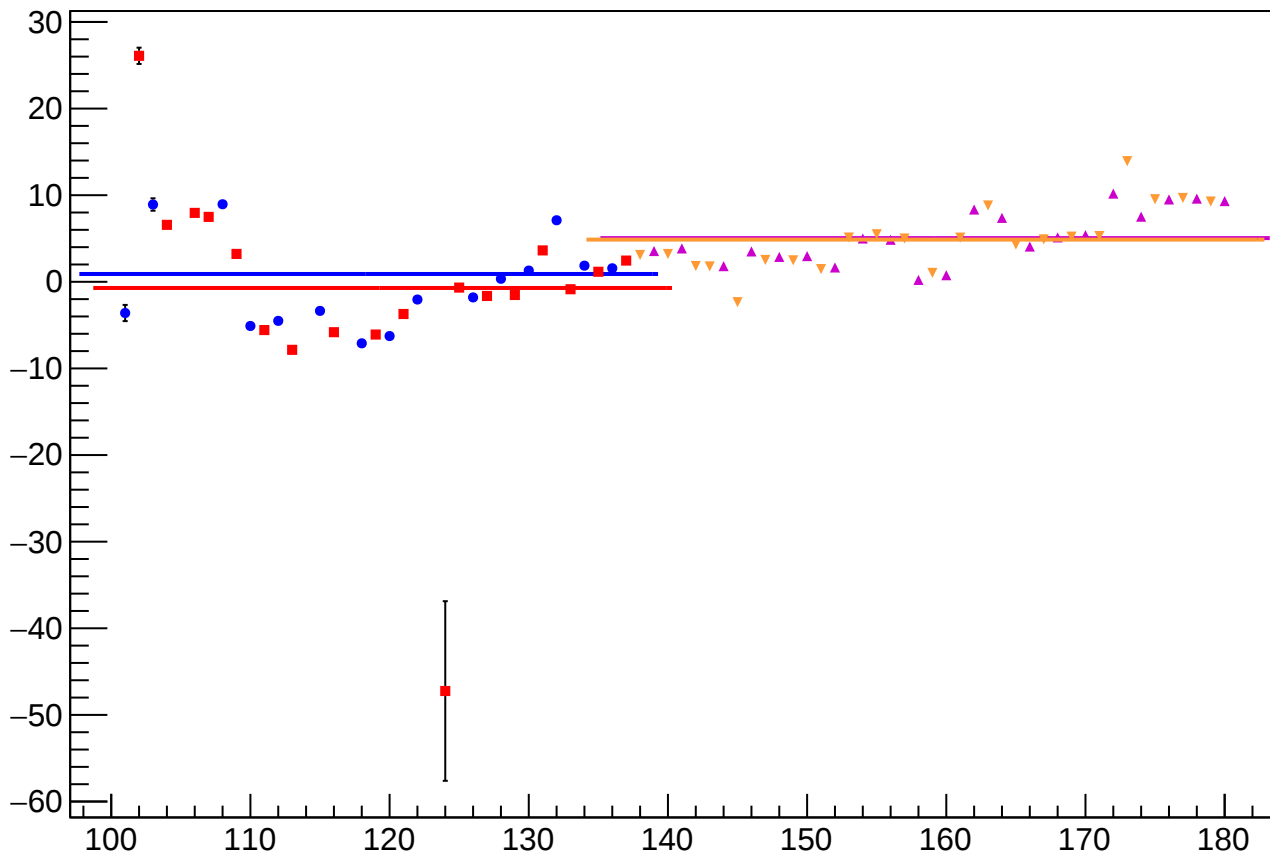
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -38.146 ± 0.004 χ^2/NDF : 230845.4/35

Out: -37.609 ± 0.004 χ^2/NDF : 295075.8/39

All: -37.851 ± 0.003 χ^2/NDF : 535108.5/75

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.020 χ^2/NDF : 21140.4/14

Left Out: 4.873 $\pm$ 0.006 χ^2/NDF :185113.4/21

Right Out: -0.711 $\pm$ 0.024 χ^2/NDF : 30723.8/17

Left In: 5.046 $\pm$ 0.007 χ^2/NDF :167765.3/20

Left: 4.949 $\pm$ 0.005 χ^2/NDF : 353242.6/42

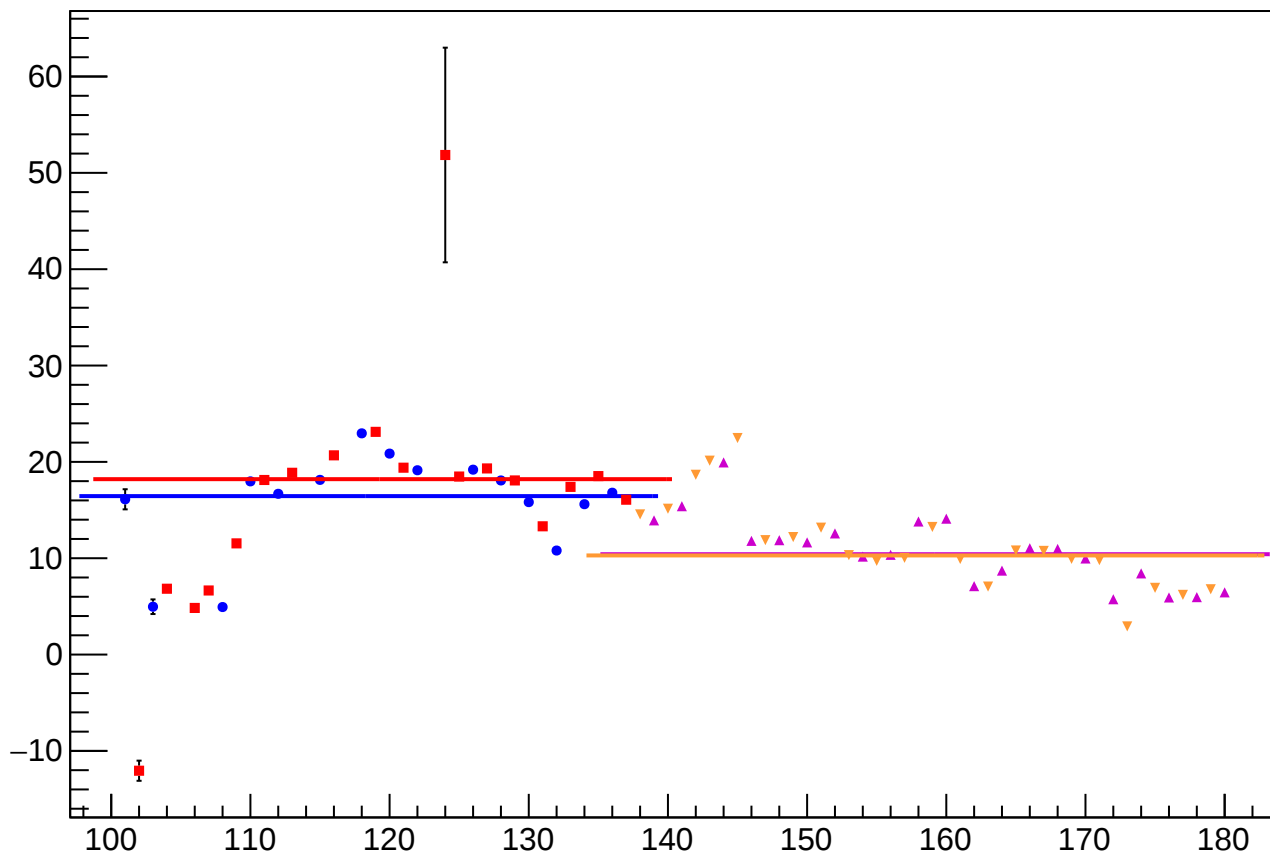
Right: 0.250 $\pm$ 0.015 χ^2/NDF : 54492.0/32

In: 4.616 $\pm$ 0.006 χ^2/NDF :227193.4/35

Out: 4.551 $\pm$ 0.006 χ^2/NDF :265586.8/39

All: 4.580 $\pm$ 0.004 χ^2/NDF : 492836.6/75

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 10.290 $\pm$ 0.007 χ^2 /NDF:181125.2/21

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 10.418 $\pm$ 0.008 χ^2 /NDF:126287.2/20

Left: 10.347 $\pm$ 0.006 χ^2 /NDF: 307545.9/42

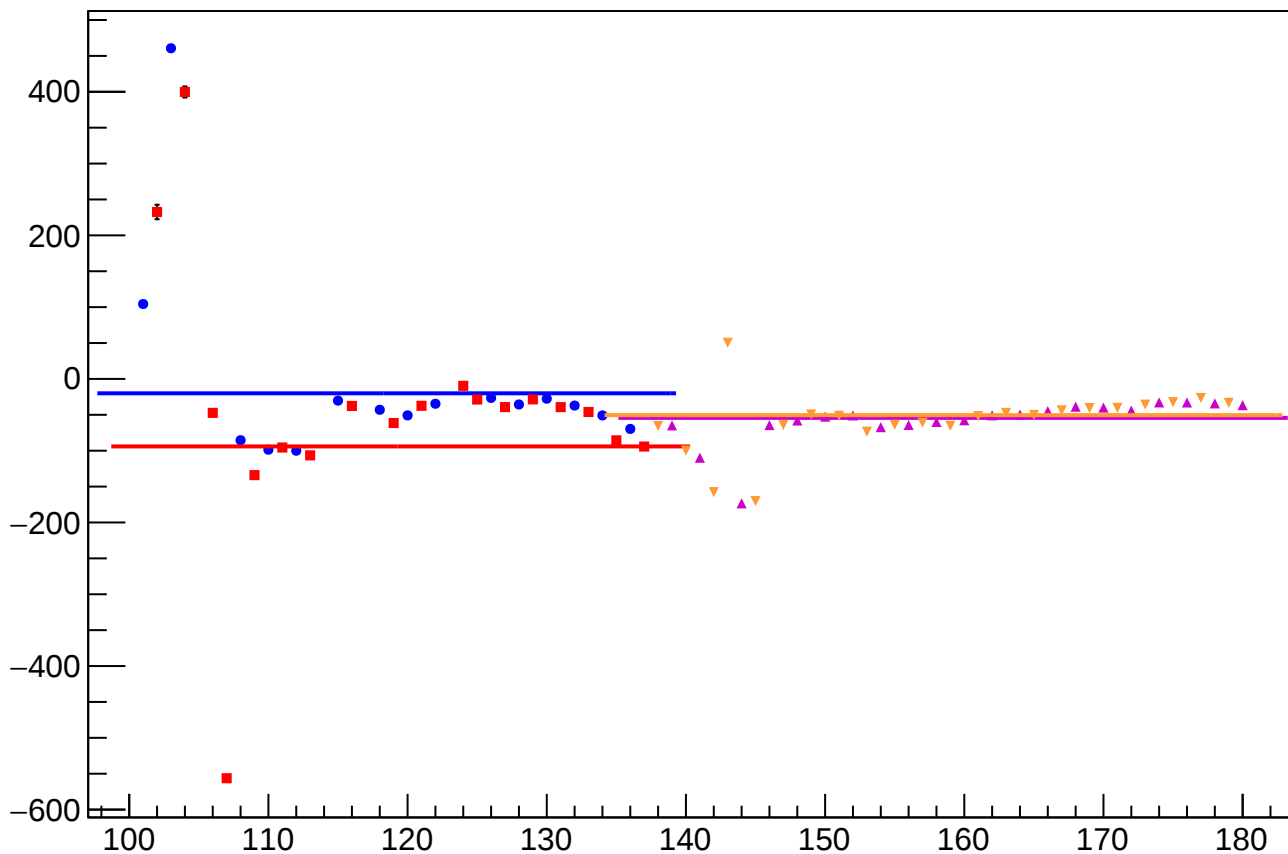
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 11.035 $\pm$ 0.008 χ^2 /NDF:195248.0/35

Out: 11.214 $\pm$ 0.007 χ^2 /NDF:341236.5/39

All: 11.135 $\pm$ 0.005 χ^2 /NDF: 536778.5/75

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -50.472 ± 0.092 $\chi^2/\text{NDF}: 59699.5/21$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -54.301 ± 0.104 $\chi^2/\text{NDF}: 58792.6/20$

Left: -52.151 ± 0.069 $\chi^2/\text{NDF}: 119252.1/42$

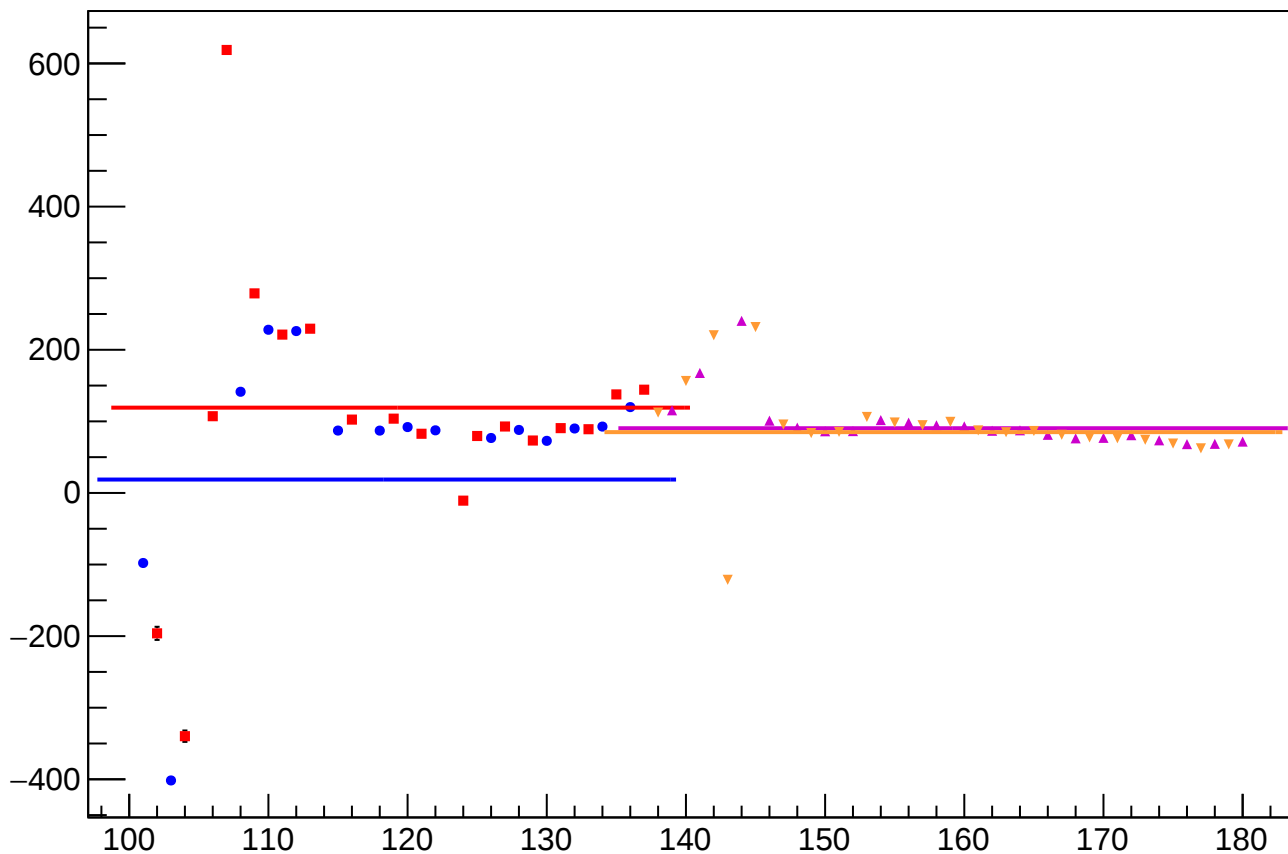
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -43.485 ± 0.086 $\chi^2/\text{NDF}: 534456.3/35$

Out: -93.268 ± 0.012 $\chi^2/\text{NDF}: 367559.9/39$

All: -92.269 ± 0.012 $\chi^2/\text{NDF}: 1229844.7/75$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 84.960 ± 0.081 $\chi^2/\text{NDF}: 179009.8/21$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 90.407 ± 0.090 $\chi^2/\text{NDF}: 82197.0/20$

Left: 87.393 ± 0.060 $\chi^2/\text{NDF}: 263211.3/42$

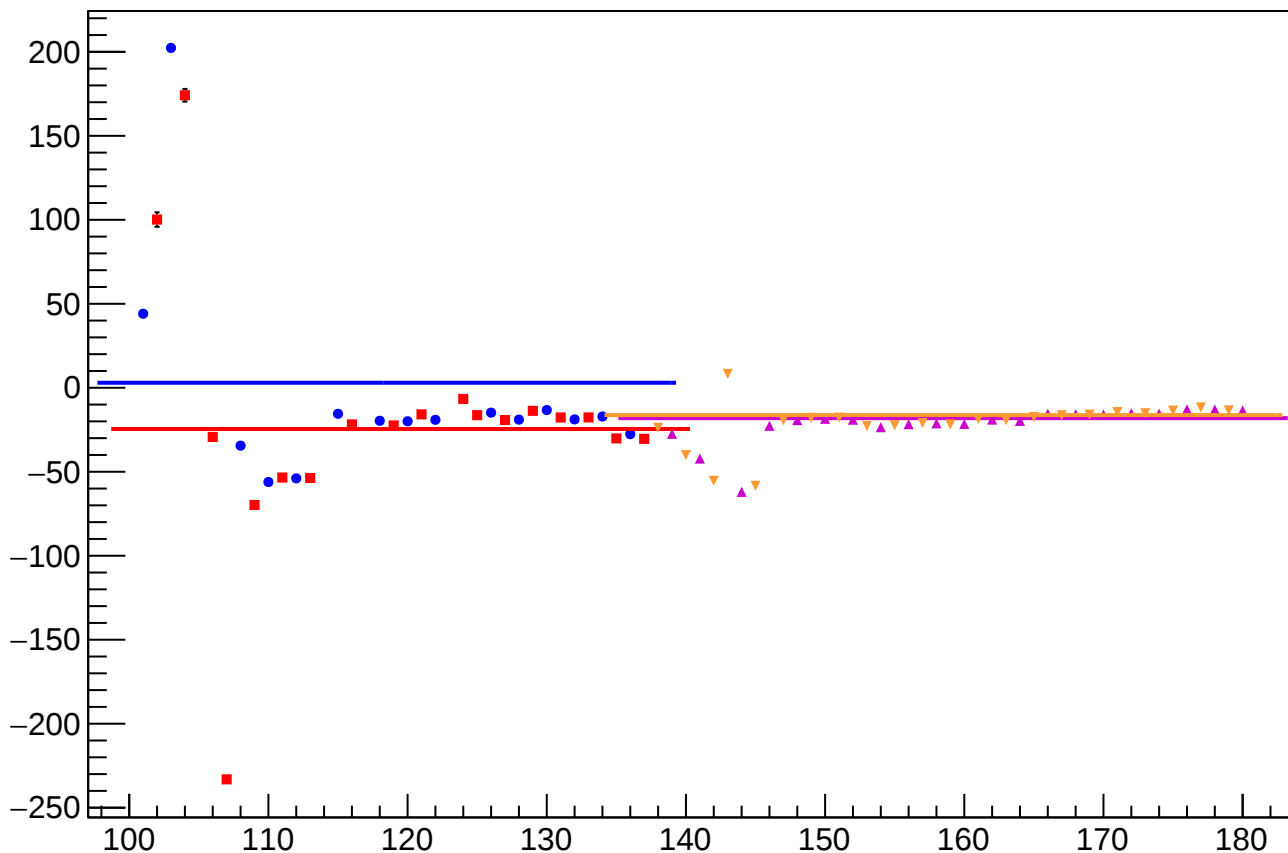
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 71.665 ± 0.078 $\chi^2/\text{NDF}: 1348052.8/35$

Out: 89.843 ± 0.075 $\chi^2/\text{NDF}: 291725.3/39$

All: 81.049 ± 0.054 $\chi^2/\text{NDF}: 1667986.9/75$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.248 ± 0.012 $\chi^2/\text{NDF}: 580128.4/21$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -18.077 ± 0.012 $\chi^2/\text{NDF}: 217112.1/20$

Left: -17.158 ± 0.009 $\chi^2/\text{NDF}: 808480.7/42$

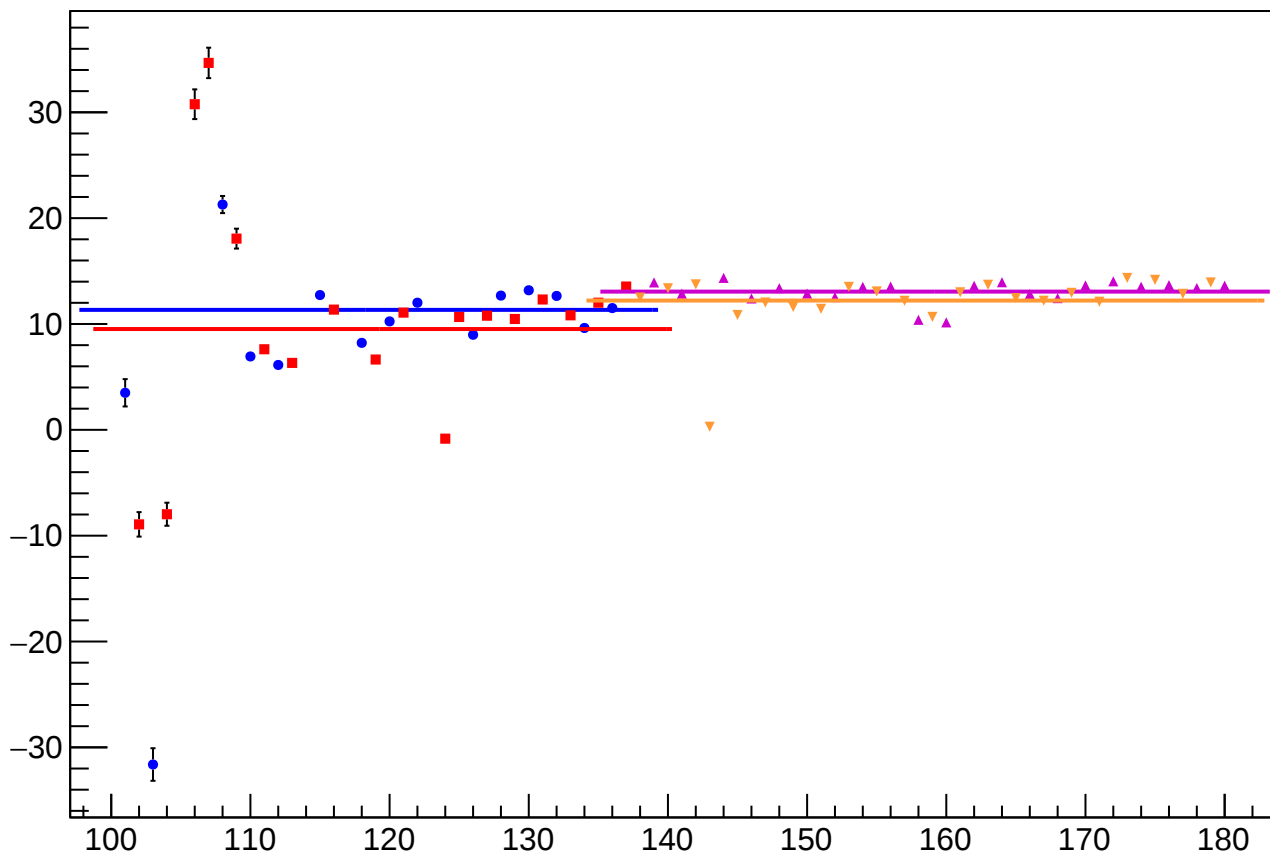
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.467 ± 0.011 $\chi^2/\text{NDF}: 4222654.1/35$

Out: -16.846 ± 0.012 $\chi^2/\text{NDF}: 790076.9/39$

All: -15.595 ± 0.008 $\chi^2/\text{NDF}: 5034411.0/75$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.215 $\pm$ 0.014 χ^2 /NDF:33639.0/21

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.059 $\pm$ 0.011 χ^2 /NDF:6617.6/20

Left: 12.730 $\pm$ 0.009 χ^2 /NDF: 42407.6/42

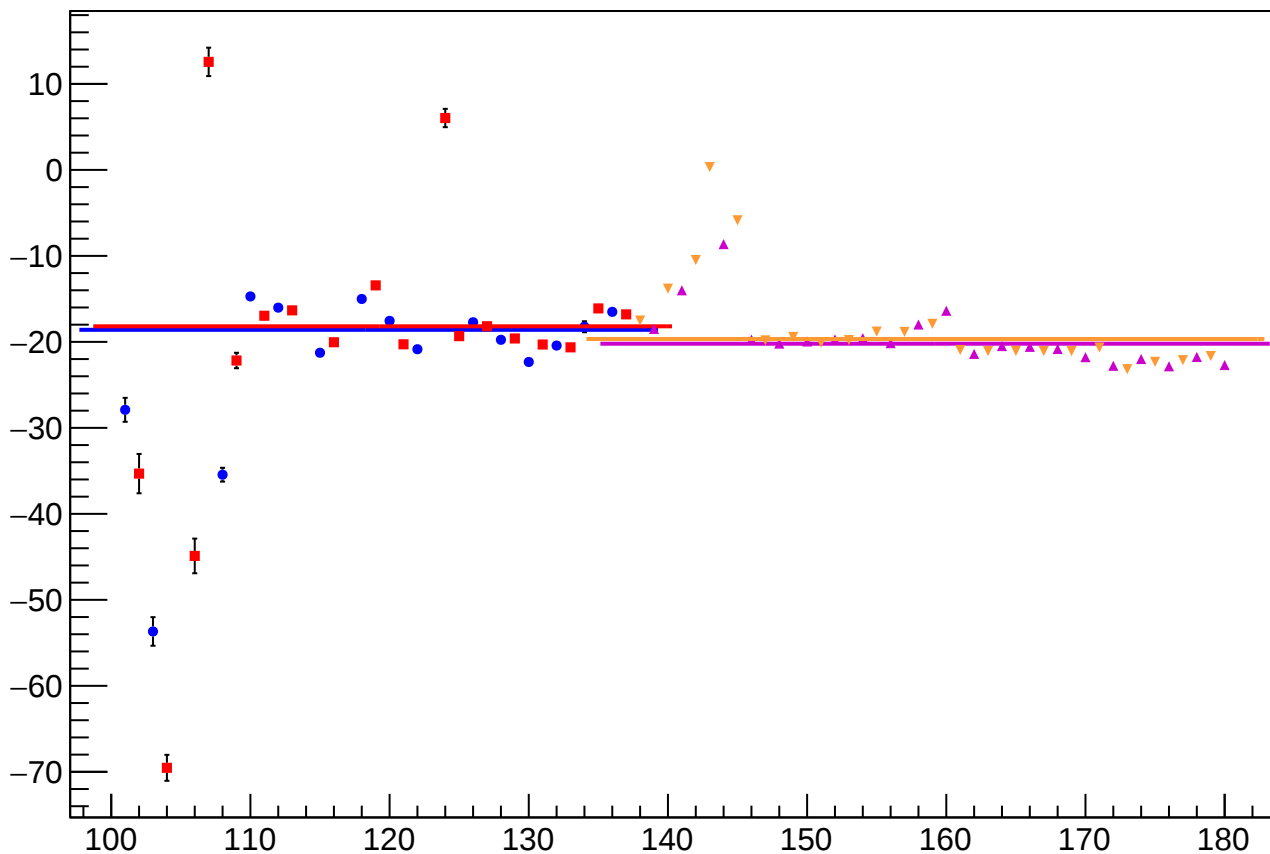
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.913 $\pm$ 0.011 χ^2 /NDF:10974.8/35

Out: 11.999 $\pm$ 0.014 χ^2 /NDF:40595.4/39

All: 12.557 $\pm$ 0.009 χ^2 /NDF: 54322.3/75

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -19.666 ± 0.015 χ^2/NDF : 64801.7/21

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -20.214 ± 0.015 χ^2/NDF : 17412.7/20

Left: -19.939 ± 0.011 χ^2/NDF : 82848.6/42

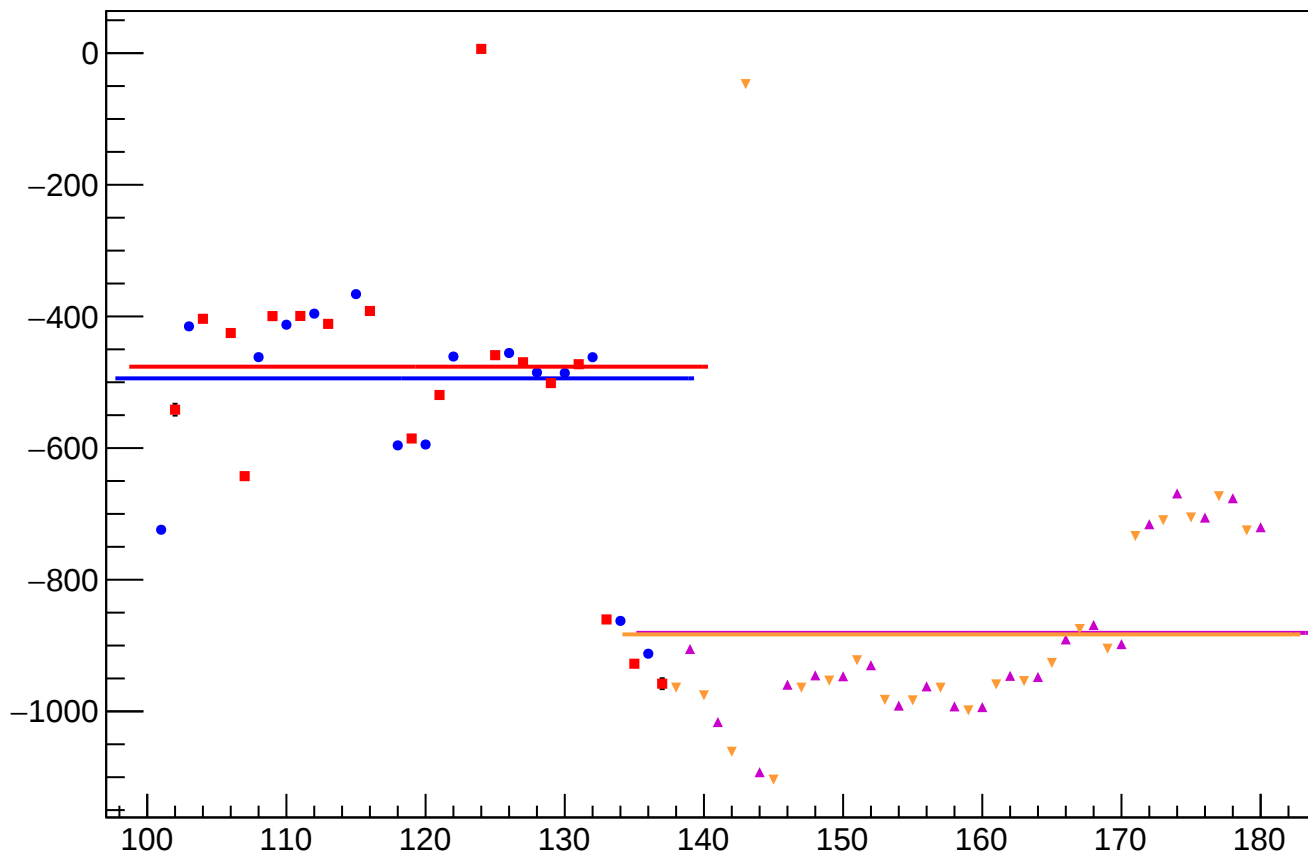
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.977 ± 0.014 χ^2/NDF : 25218.0/35

Out: -19.536 ± 0.015 χ^2/NDF : 70496.1/39

All: -19.763 ± 0.010 χ^2/NDF : 96179.2/75

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -883.048 ± 0.157 $\chi^2/\text{NDF}: 762627.4/21$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -880.705 ± 0.149 $\chi^2/\text{NDF}: 691680.7/20$

Left: -881.823 ± 0.108 $\chi^2/\text{NDF}: 1454425.3/42$

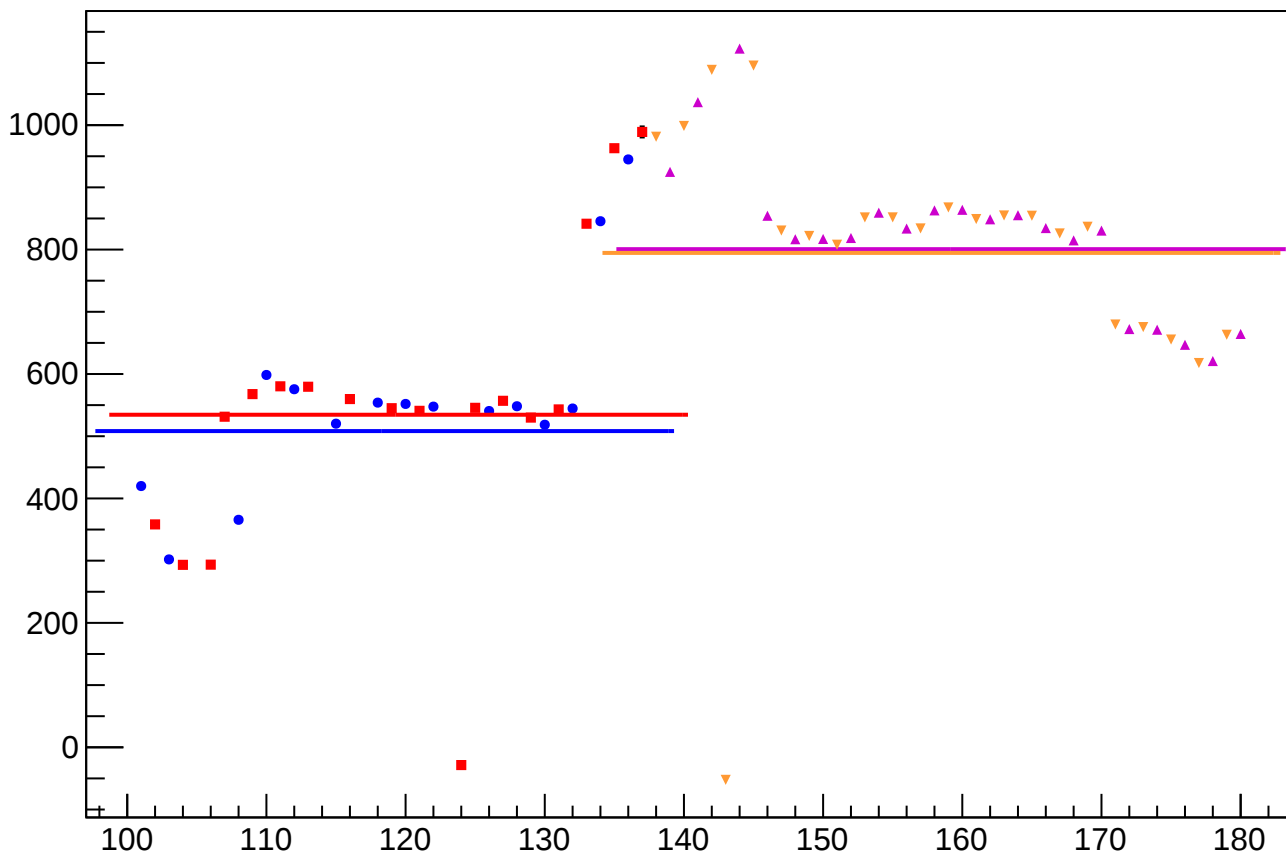
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -767.346 ± 0.126 $\chi^2/\text{NDF}: 2978911.2/35$

Out: -713.506 ± 0.120 $\chi^2/\text{NDF}: 4171025.5/39$

All: -739.077 ± 0.087 $\chi^2/\text{NDF}: 7246298.1/75$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 794.652 $\pm$ 0.127 χ^2 /NDF: 784983.3/21

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 800.673 $\pm$ 0.125 χ^2 /NDF: 586193.6/20

Left: 797.722 $\pm$ 0.089 χ^2 /NDF: 1372315.0/42

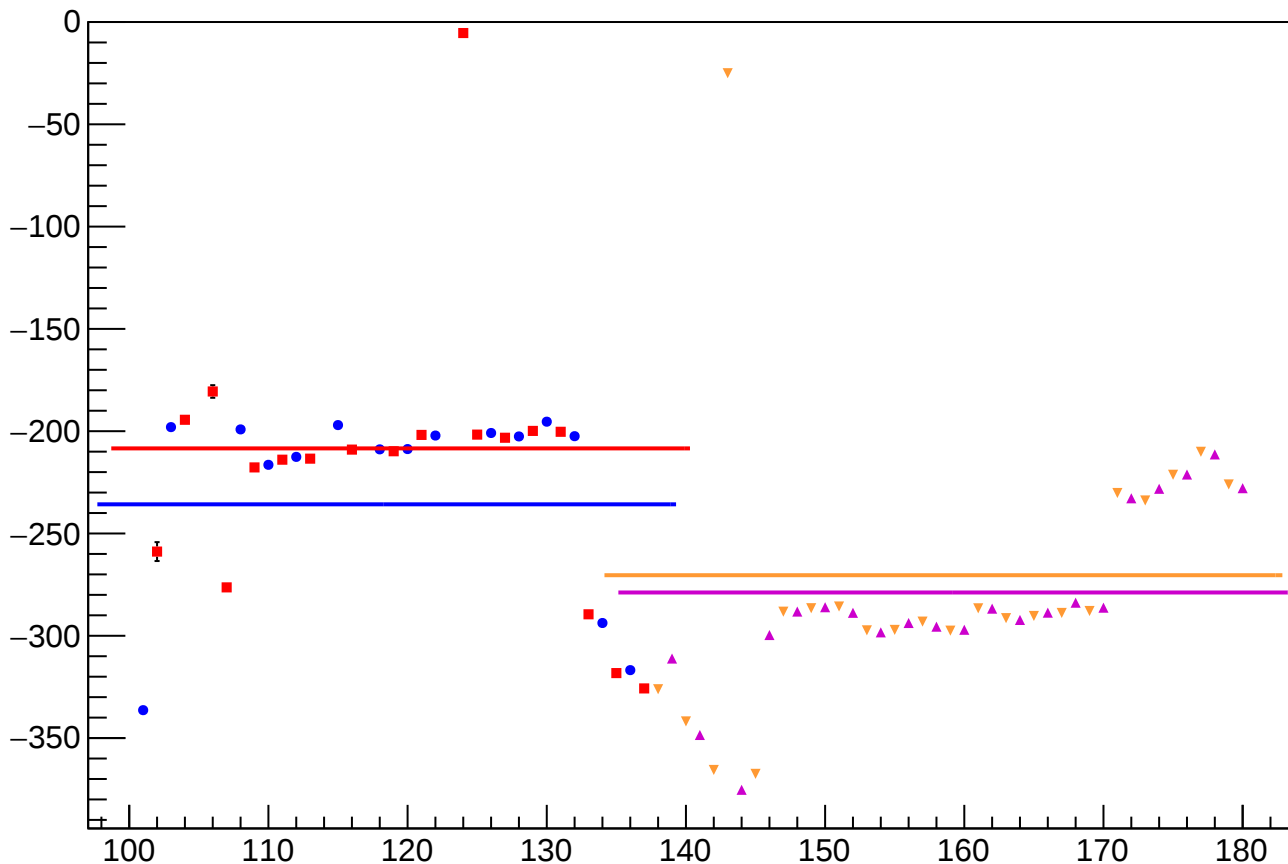
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 730.175 $\pm$ 0.109 χ^2 /NDF: 2346205.6/35

Out: 728.014 $\pm$ 0.110 χ^2 /NDF: 2220290.8/39

All: 729.105 $\pm$ 0.077 χ^2 /NDF: 4566691.6/75

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 $\pm$ 0.055 χ^2 /NDF: 876219.5/14

Left Out: -270.396 $\pm$ 0.023 χ^2 /NDF: 6947991.0/21

Right Out: -208.413 $\pm$ 0.047 χ^2 /NDF: 375009.3/17

Left In: -278.841 $\pm$ 0.022 χ^2 /NDF: 2133710.5/20

Left: -274.784 $\pm$ 0.016 χ^2 /NDF: 9149798.3/42

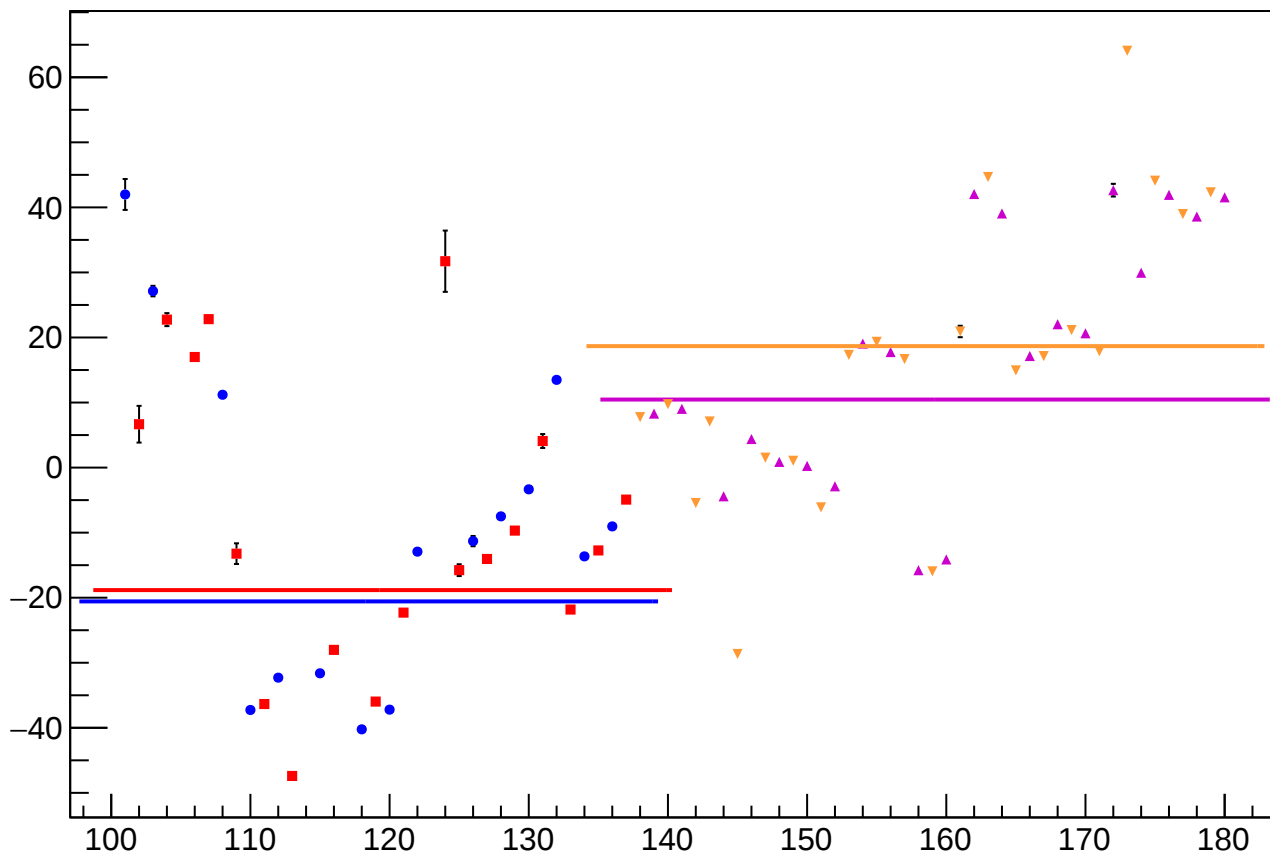
Right: -219.823 $\pm$ 0.036 χ^2 /NDF: 1393978.3/32

In: -272.738 $\pm$ 0.021 χ^2 /NDF: 3532612.0/35

Out: -258.040 $\pm$ 0.021 χ^2 /NDF: 8730769.8/39

All: -265.420 $\pm$ 0.015 χ^2 /NDF: 12512410.7/77

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 18.672 ± 0.021 χ^2/NDF : 675347.4/21

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 10.459 ± 0.018 χ^2/NDF : 1182790.8/20

Left: 13.997 ± 0.014 χ^2/NDF : 1943543.8/42

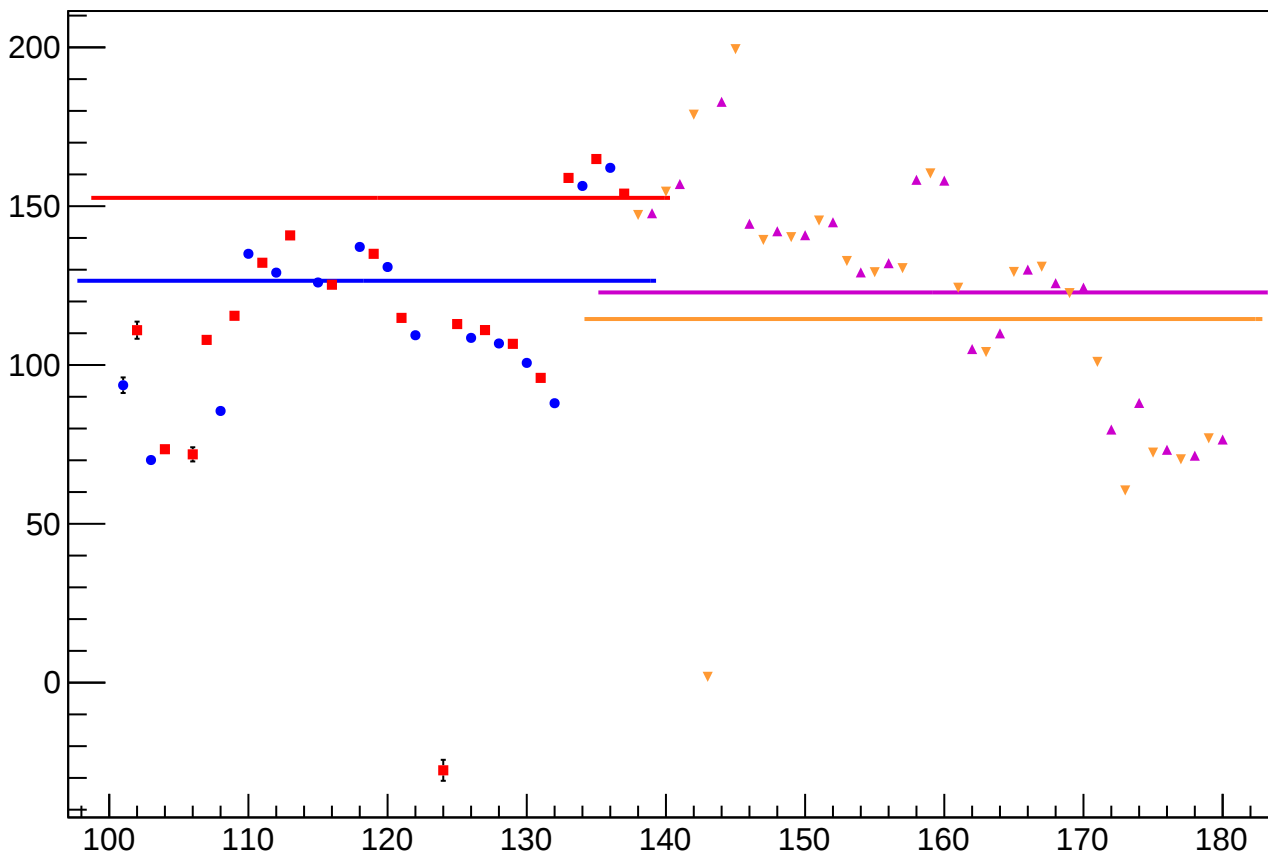
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 8.515 ± 0.018 χ^2/NDF : 1423517.7/35

Out: 17.281 ± 0.021 χ^2/NDF : 812297.3/39

All: 12.233 ± 0.014 χ^2/NDF : 2338017.3/75

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 114.473 $\pm$ 0.026 χ^2 /NDF:1379987.8/21

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 122.844 $\pm$ 0.025 χ^2 /NDF:1400064.0/20

Left: 118.925 $\pm$ 0.018 χ^2 /NDF: 2834016.1/42

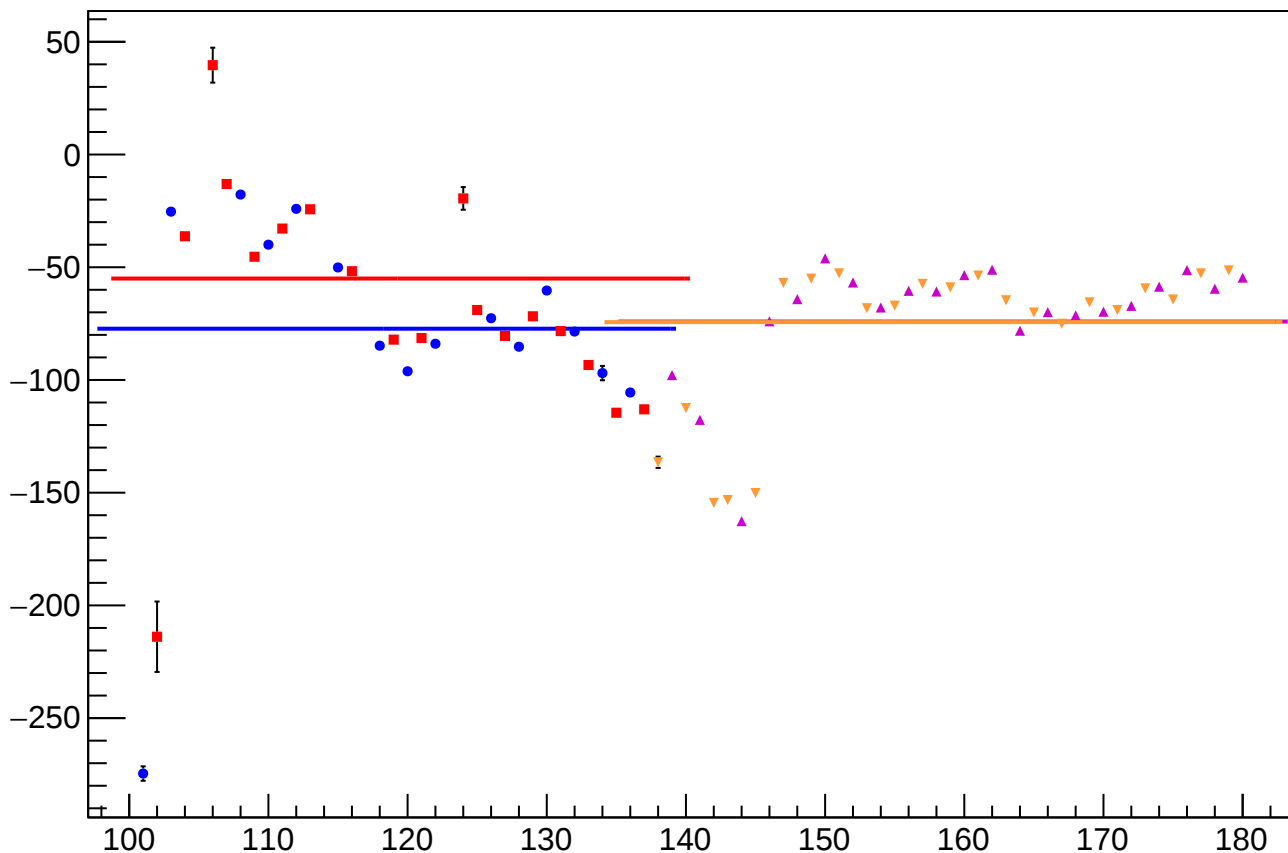
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 123.135 $\pm$ 0.024 χ^2 /NDF:1516792.1/35

Out: 130.818 $\pm$ 0.020 χ^2 /NDF:2356839.8/39

All: 127.640 $\pm$ 0.015 χ^2 /NDF: 3935474.0/75

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -74.349 ± 0.118 $\chi^2/\text{NDF}: 64847.2/21$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -74.083 ± 0.113 $\chi^2/\text{NDF}: 68118.9/20$

Left: -74.211 ± 0.082 $\chi^2/\text{NDF}: 132968.7/42$

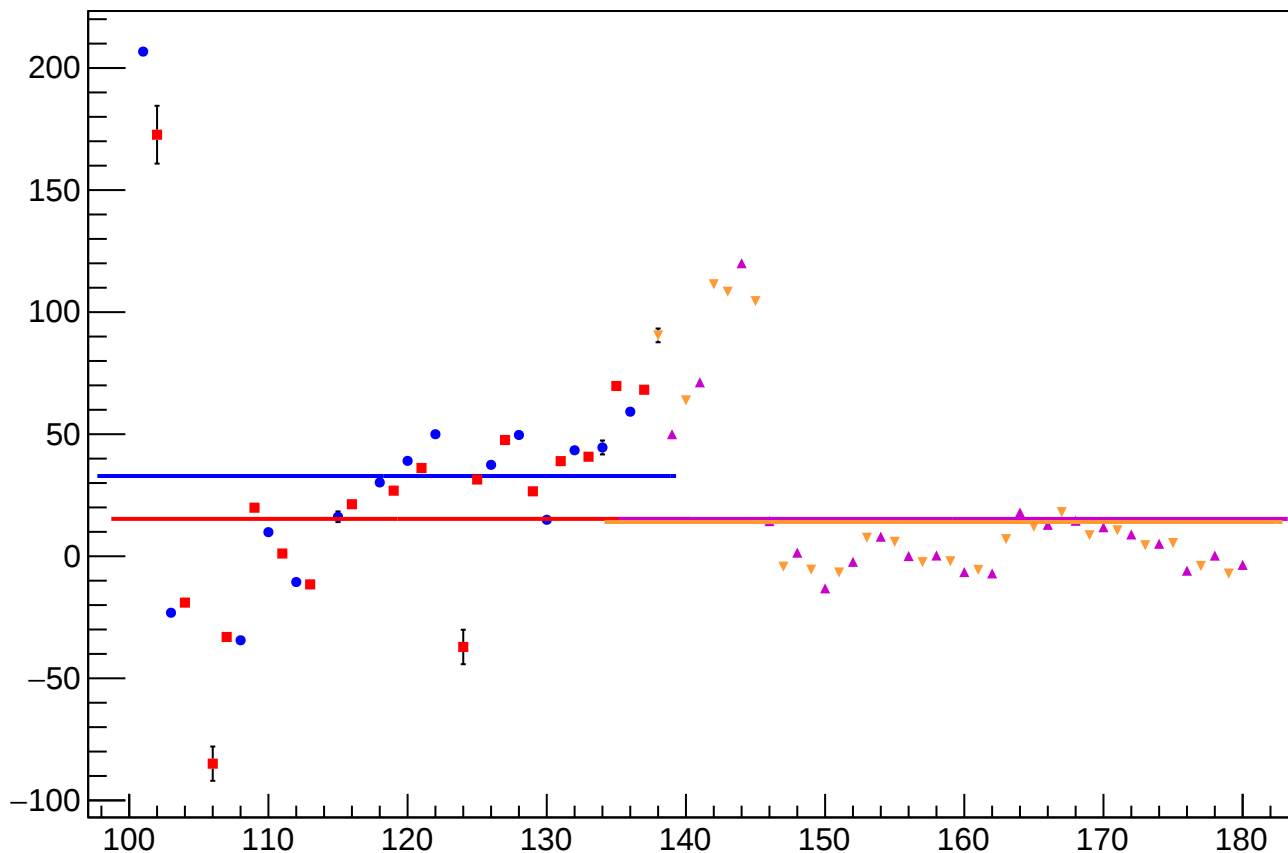
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -75.269 ± 0.089 $\chi^2/\text{NDF}: 98769.8/35$

Out: -68.998 ± 0.100 $\chi^2/\text{NDF}: 95953.4/39$

All: -72.483 ± 0.067 $\chi^2/\text{NDF}: 196905.5/75$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2 /NDF: 31393.7/14

Left Out: 14.041+/-0.102 χ^2 /NDF:96147.7/21

Right Out: 15.309+/-0.210 χ^2 /NDF: 16746.0/17

Left In: 15.294+/-0.100 χ^2 /NDF:96298.0/20

Left: 14.681+/-0.072 χ^2 /NDF: 192522.2/42

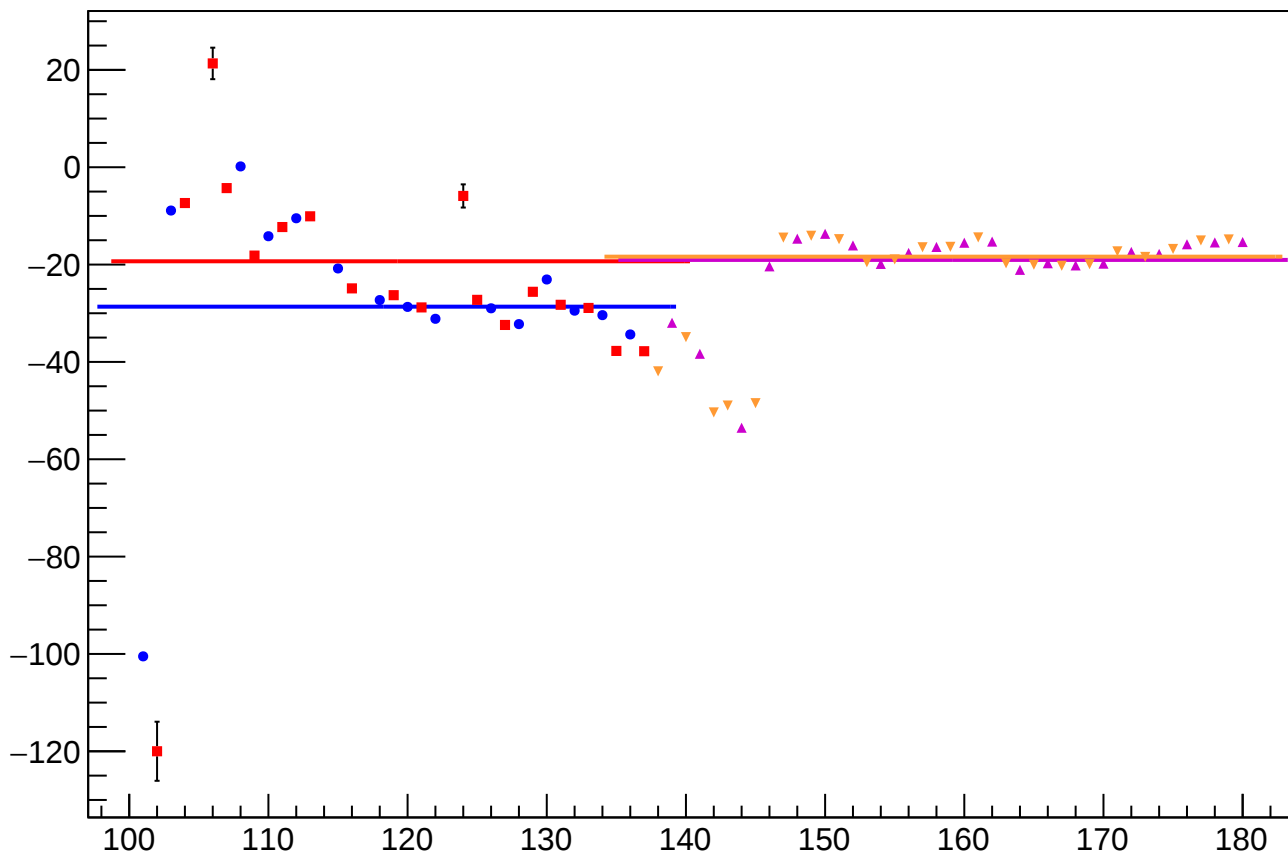
Right: 27.134+/-0.120 χ^2 /NDF: 52862.9/32

In: 20.924+/-0.083 χ^2 /NDF:137537.7/35

Out: 14.285+/-0.092 χ^2 /NDF:112923.2/39

All: 17.960+/-0.061 χ^2 /NDF: 253342.2/75

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.374 ± 0.014 $\chi^2/\text{NDF}: 232619.7/21$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.044 ± 0.014 $\chi^2/\text{NDF}: 206615.6/20$

Left: -18.698 ± 0.010 $\chi^2/\text{NDF}: 440375.7/42$

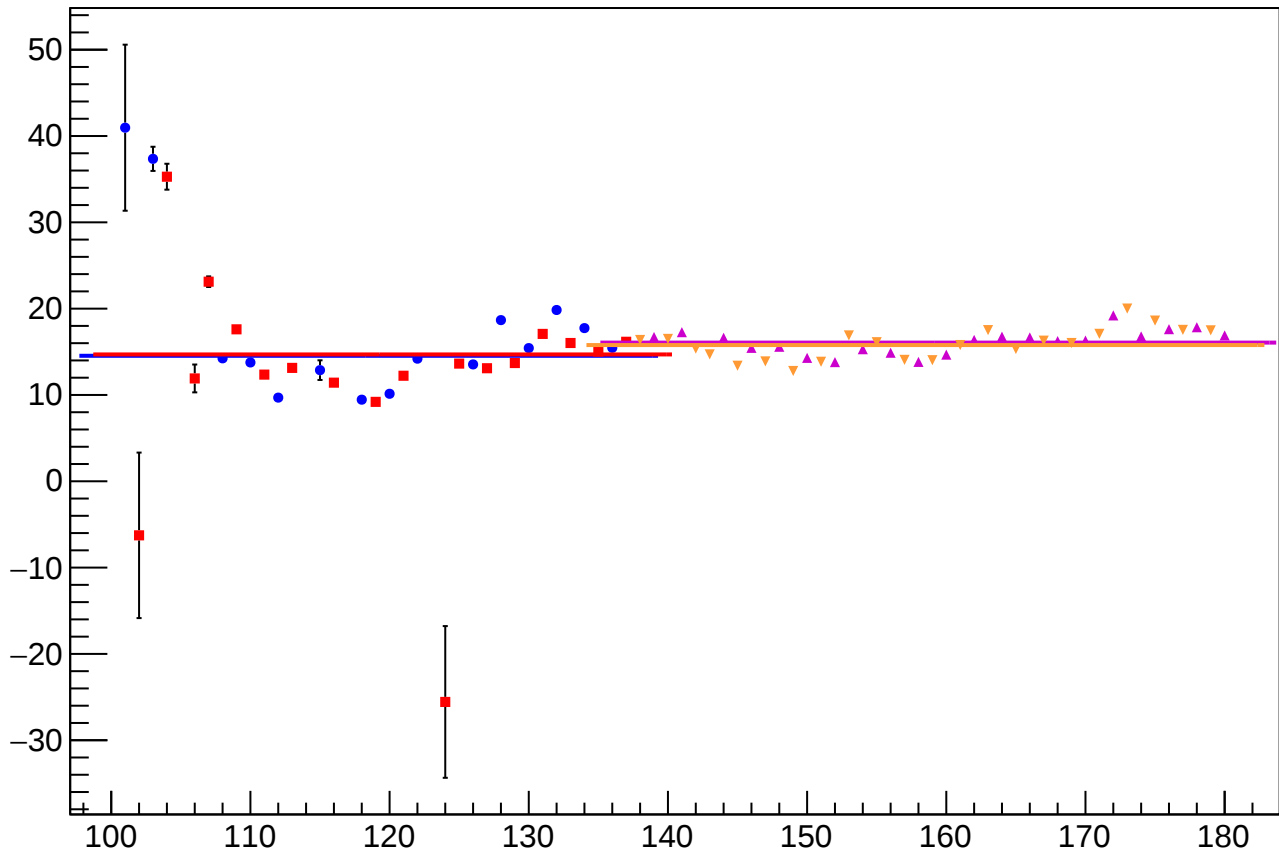
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -20.460 ± 0.013 $\chi^2/\text{NDF}: 387031.3/35$

Out: -18.478 ± 0.013 $\chi^2/\text{NDF}: 289718.5/39$

All: -19.459 ± 0.009 $\chi^2/\text{NDF}: 688207.0/75$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.781+/-0.014 χ^2/NDF :11462.8/21

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.066+/-0.013 χ^2/NDF :11119.6/20

Left: 15.938+/-0.009 χ^2/NDF : 22806.4/42

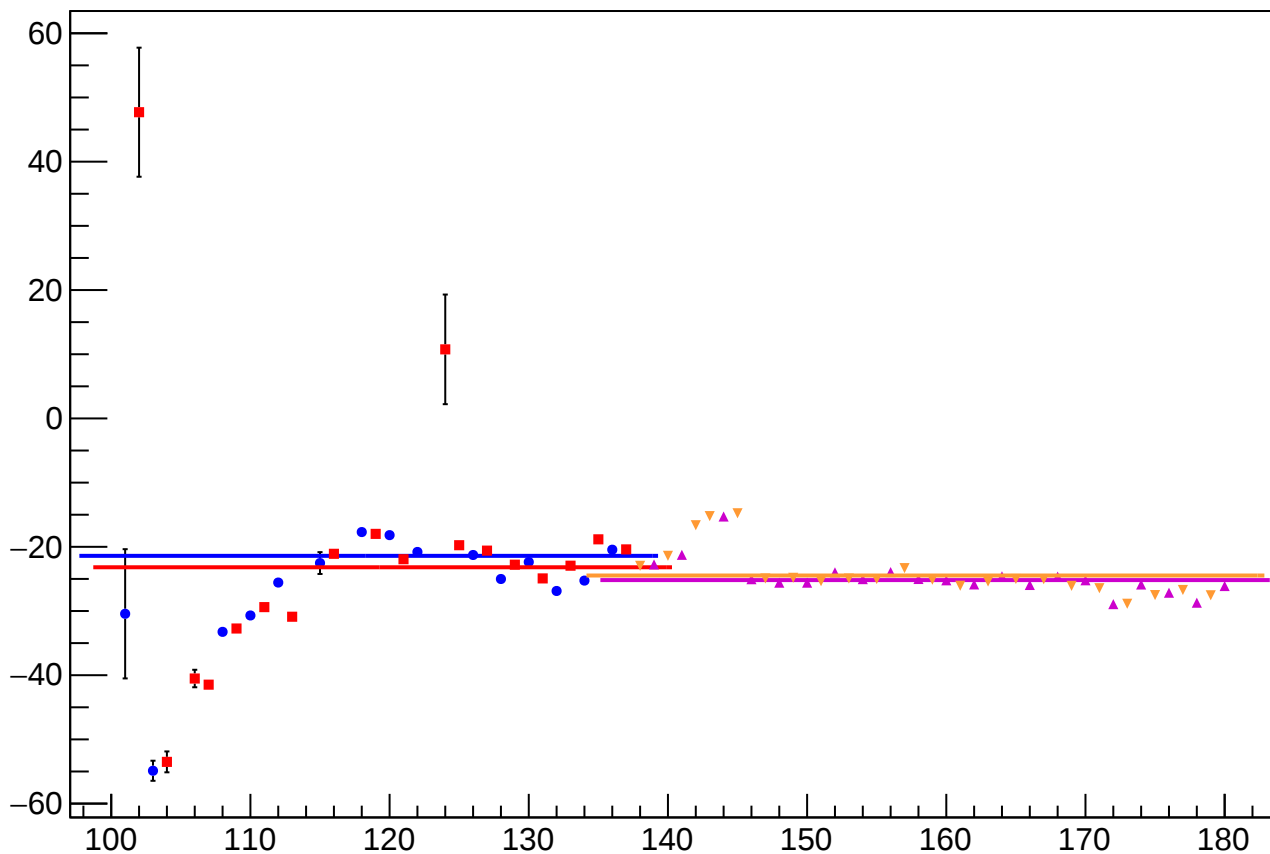
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.828+/-0.012 χ^2/NDF :25408.2/35

Out: 15.678+/-0.013 χ^2/NDF :13659.4/39

All: 15.763+/-0.009 χ^2/NDF : 39138.9/75

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.469 ± 0.017 $\chi^2/\text{NDF}: 42072.5/21$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -25.183 ± 0.016 $\chi^2/\text{NDF}: 14351.5/20$

Left: -24.834 ± 0.012 $\chi^2/\text{NDF}: 57374.0/42$

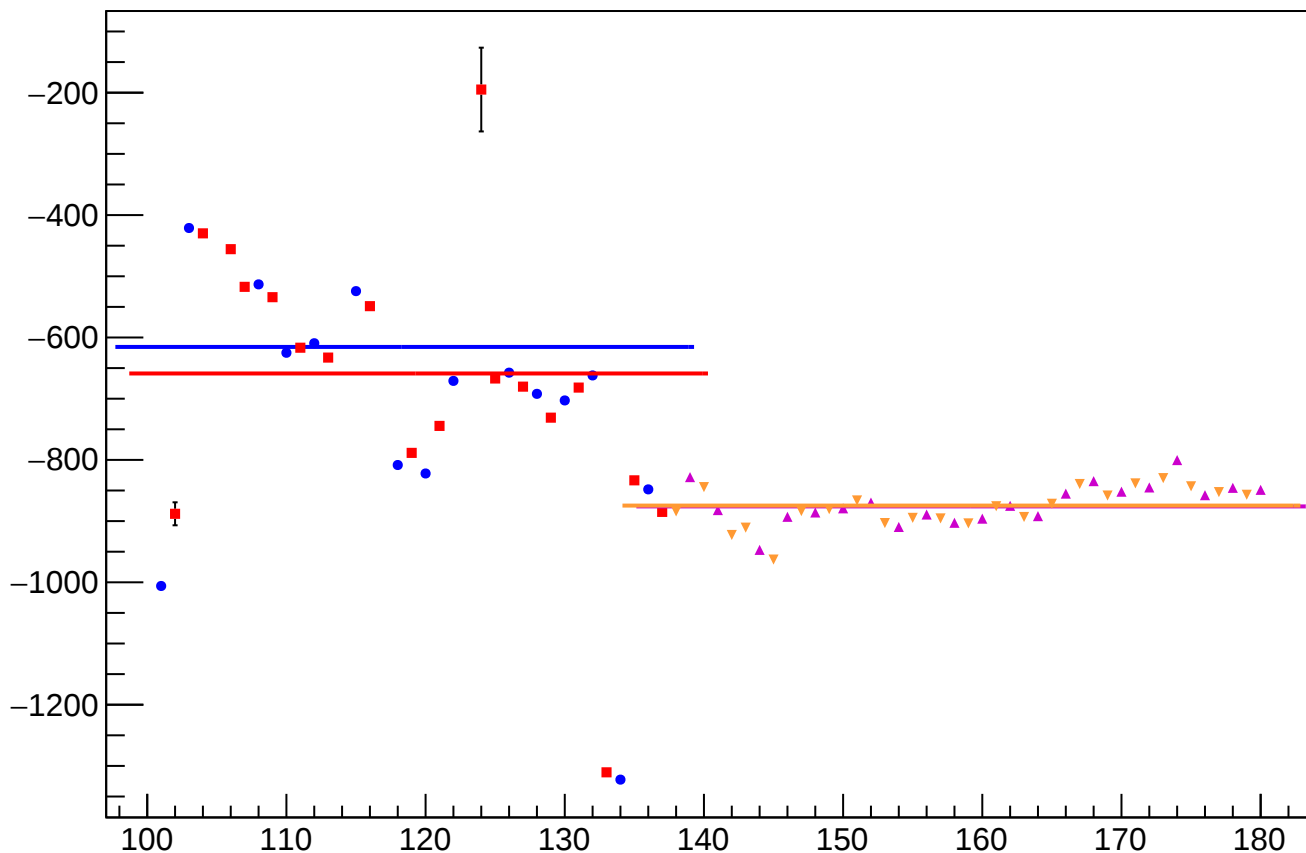
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.533 ± 0.015 $\chi^2/\text{NDF}: 33373.7/35$

Out: -24.347 ± 0.016 $\chi^2/\text{NDF}: 51769.6/39$

All: -24.446 ± 0.011 $\chi^2/\text{NDF}: 85217.7/75$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -874.645+/-0.134 χ^2/NDF : 41999.8/21

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -875.999+/-0.126 χ^2/NDF : 50507.4/20

Left: -875.364+/-0.092 χ^2/NDF : 92561.5/42

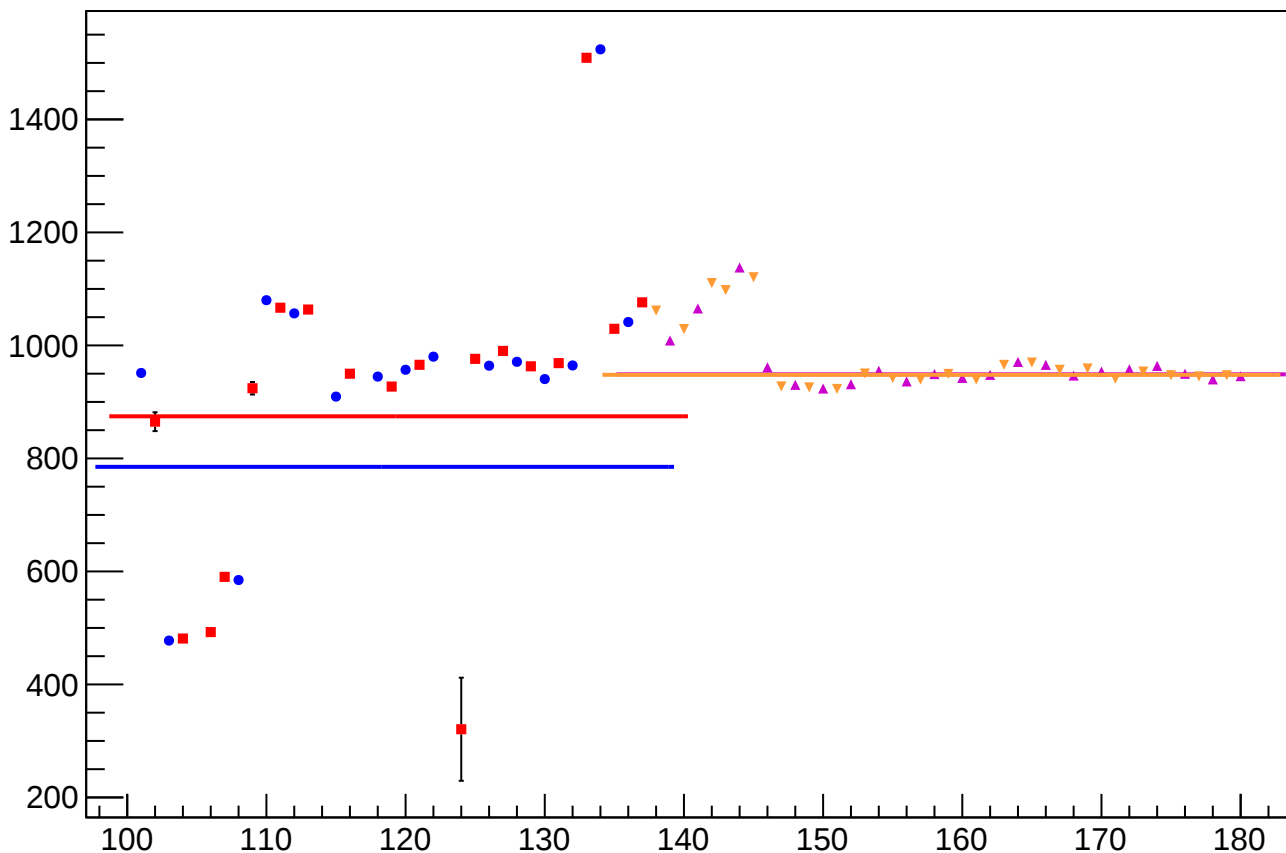
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -818.893+/-0.111 χ^2/NDF : 1372504.9/35

Out: -828.340+/-0.119 χ^2/NDF : 984433.5/39

All: -823.309+/-0.081 χ^2/NDF : 2360311.0/75

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 ± 0.228 χ^2/NDF : 886147.1/14

Left Out: 947.997 ± 0.105 χ^2/NDF : 71884.5/21

Right Out: 874.516 ± 0.261 χ^2/NDF : 842565.5/17

Left In: 948.814 ± 0.104 χ^2/NDF : 76745.0/20

Left: 948.408 ± 0.074 χ^2/NDF : 148659.9/42

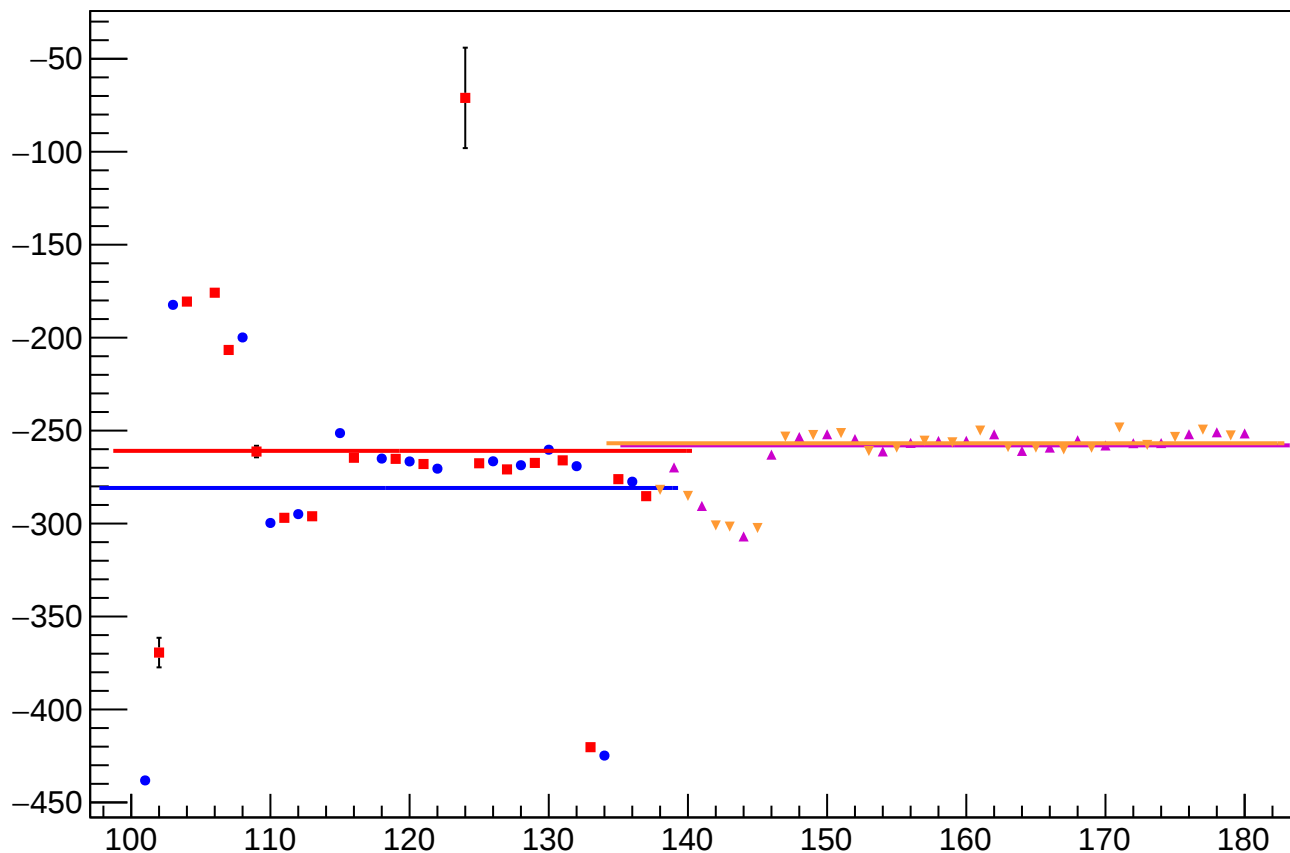
Right: 823.762 ± 0.172 χ^2/NDF : 1795202.4/32

In: 920.444 ± 0.095 χ^2/NDF : 1389017.1/35

Out: 937.741 ± 0.098 χ^2/NDF : 982513.2/39

All: 928.852 ± 0.068 χ^2/NDF : 2387667.7/75

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -256.808+/-0.020 χ^2/NDF :183179.0/21

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -257.942+/-0.019 χ^2/NDF :207384.0/20

Left: -257.400+/-0.014 χ^2/NDF : 392297.3/42

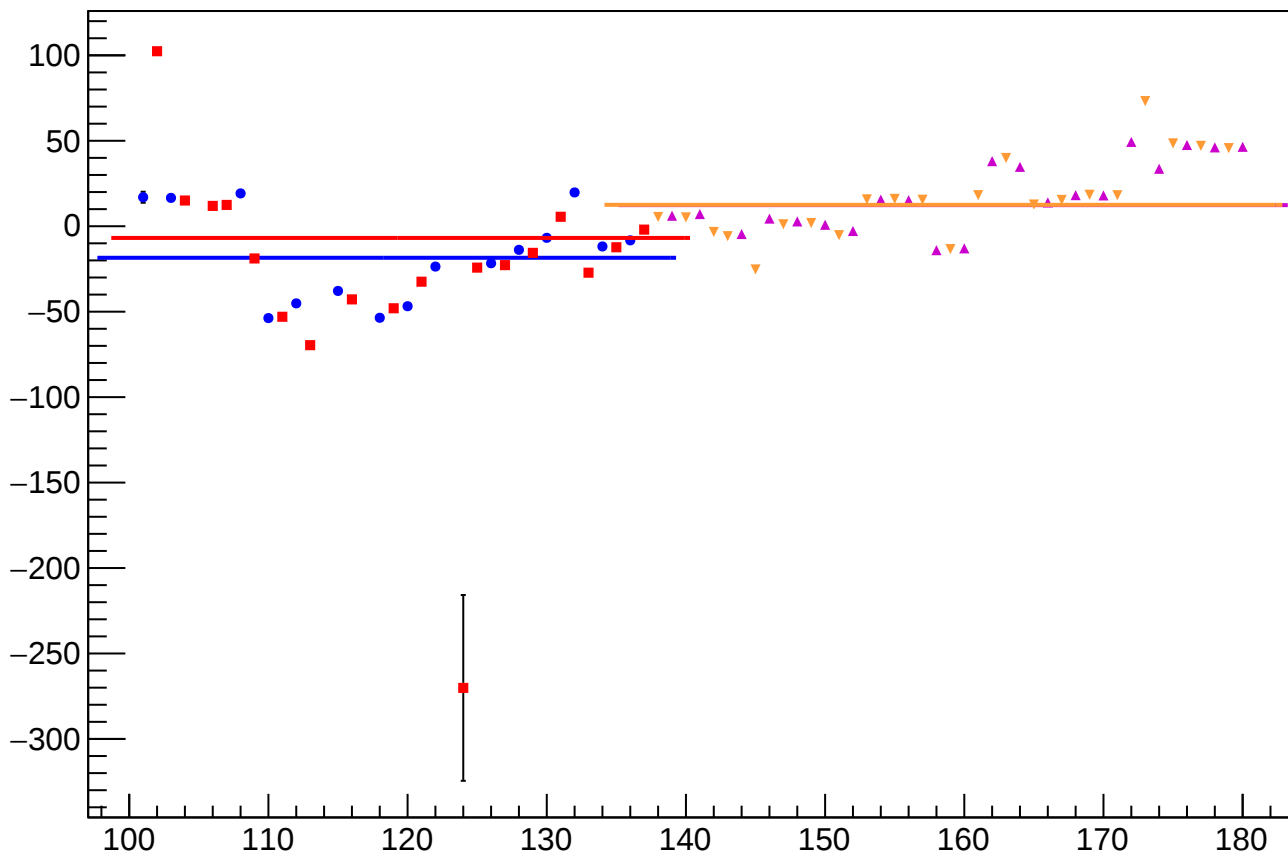
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -260.091+/-0.018 χ^2/NDF :1219877.0/35

Out: -257.127+/-0.019 χ^2/NDF :534273.3/39

All: -258.687+/-0.013 χ^2/NDF : 1767100.6/75

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 12.517 ± 0.020 $\chi^2/\text{NDF}: 610193.9/21$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 12.347 ± 0.019 $\chi^2/\text{NDF}: 907868.2/20$

Left: 12.426 ± 0.014 $\chi^2/\text{NDF}: 1518099.8/42$

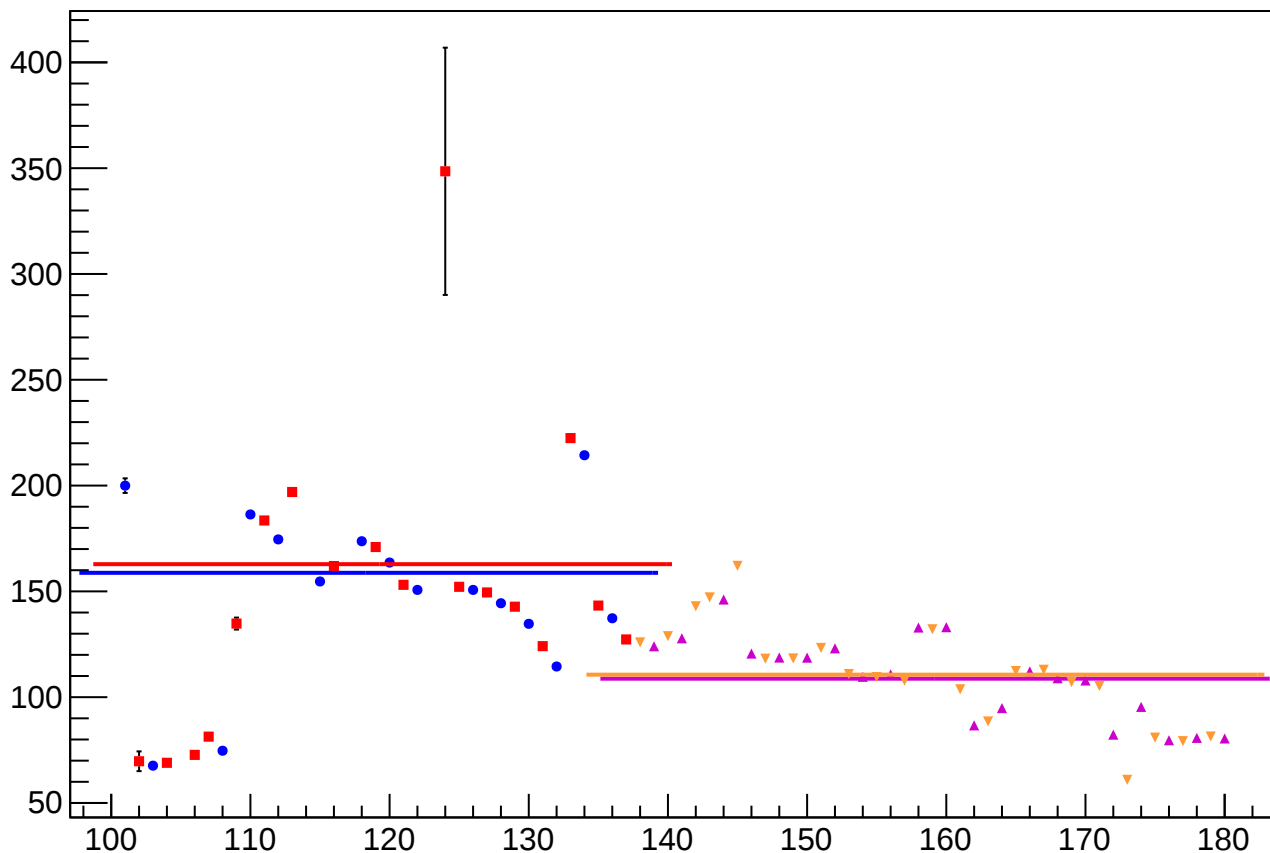
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 11.072 ± 0.019 $\chi^2/\text{NDF}: 1063595.6/35$

Out: 10.776 ± 0.019 $\chi^2/\text{NDF}: 742024.8/39$

All: 10.930 ± 0.013 $\chi^2/\text{NDF}: 1805741.9/75$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 $\chi^2/\text{NDF}: 159016.5/14$

Left Out: 110.643 ± 0.024 $\chi^2/\text{NDF}: 428626.2/21$

Right Out: 162.856 ± 0.093 $\chi^2/\text{NDF}: 156176.8/17$

Left In: 108.737 ± 0.020 $\chi^2/\text{NDF}: 653010.2/20$

Left: 109.531 ± 0.015 $\chi^2/\text{NDF}: 1085365.2/42$

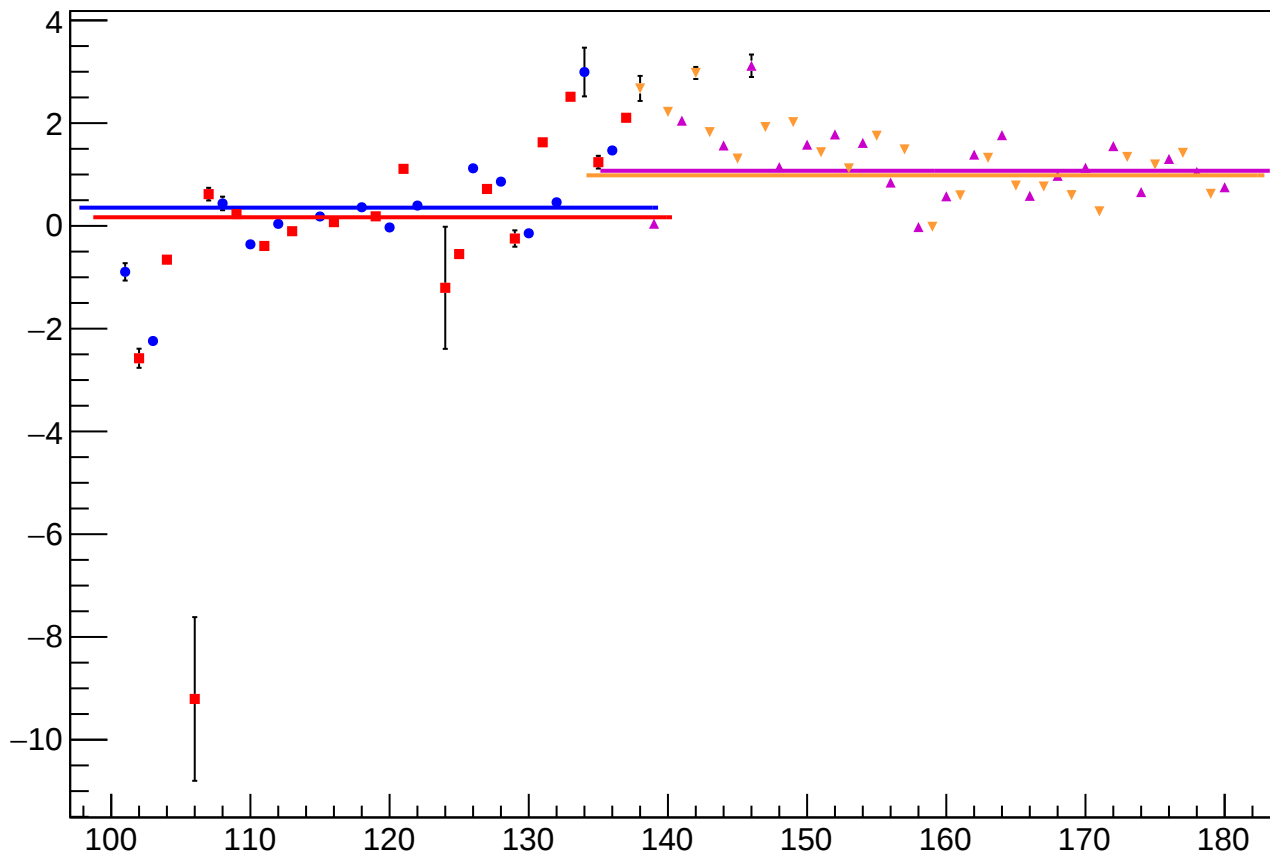
Right: 160.702 ± 0.064 $\chi^2/\text{NDF}: 316204.3/32$

In: 111.214 ± 0.020 $\chi^2/\text{NDF}: 1117161.3/35$

Out: 113.848 ± 0.023 $\chi^2/\text{NDF}: 878966.6/39$

All: 112.319 ± 0.015 $\chi^2/\text{NDF}: 2003670.0/75$

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 $\pm$ 0.012 χ^2/NDF : 4011.3/14

Left Out: 0.984 $\pm$ 0.007 χ^2/NDF : 6408.1/21

Right Out: 0.168 $\pm$ 0.008 χ^2/NDF : 4588.1/17

Left In: 1.073 $\pm$ 0.007 χ^2/NDF : 7151.3/20

Left: 1.032 $\pm$ 0.005 χ^2/NDF : 13641.4/42

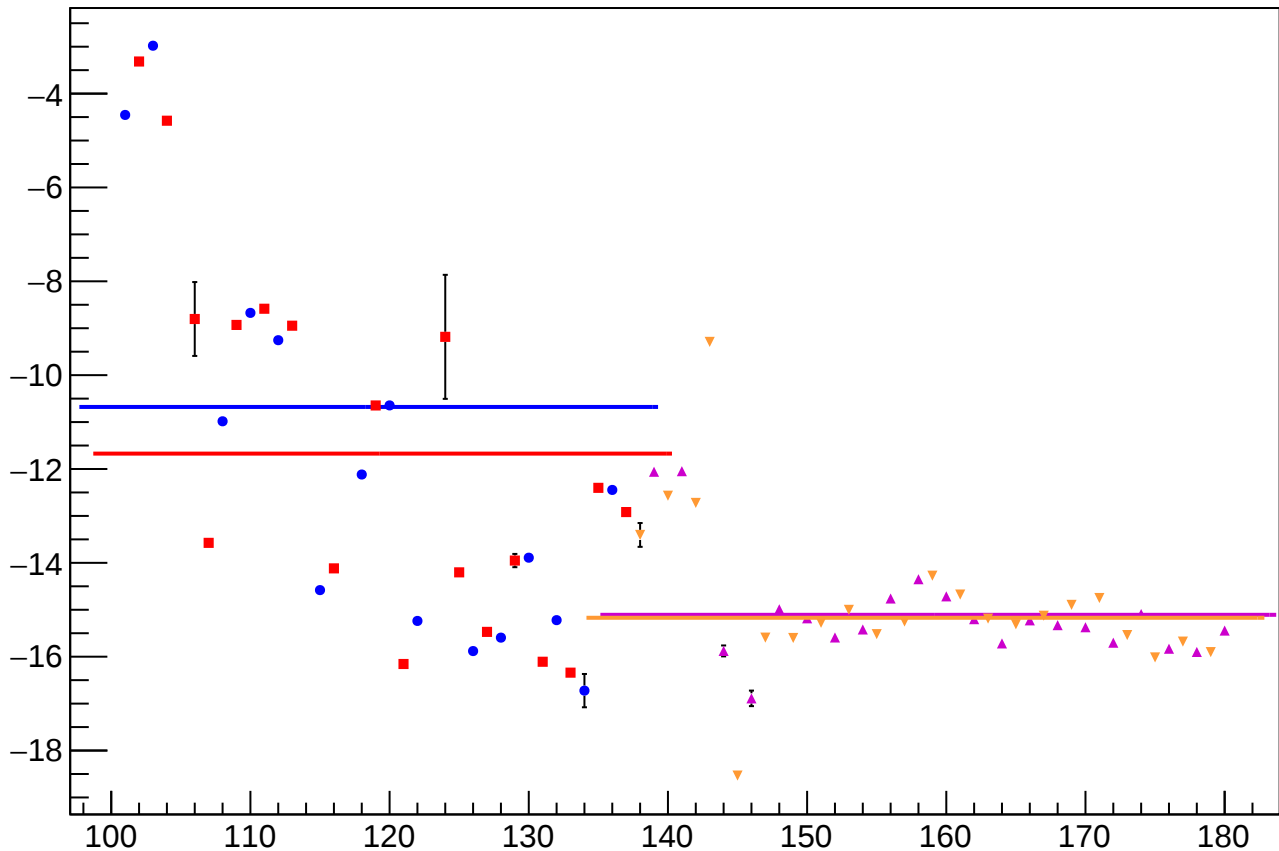
Right: 0.223 $\pm$ 0.006 χ^2/NDF : 8777.2/32

In: 0.900 $\pm$ 0.006 χ^2/NDF : 13990.3/35

Out: 0.600 $\pm$ 0.005 χ^2/NDF : 17030.7/39

All: 0.735 $\pm$ 0.004 χ^2/NDF : 32498.8/75

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2/NDF : 226791.0/14

Left Out: -15.171 $\pm$ 0.006 χ^2/NDF : 37950.5/21

Right Out: -11.672 $\pm$ 0.012 χ^2/NDF : 107844.6/17

Left In: -15.108 $\pm$ 0.006 χ^2/NDF : 14329.3/20

Left: -15.139 $\pm$ 0.004 χ^2/NDF : 52337.8/42

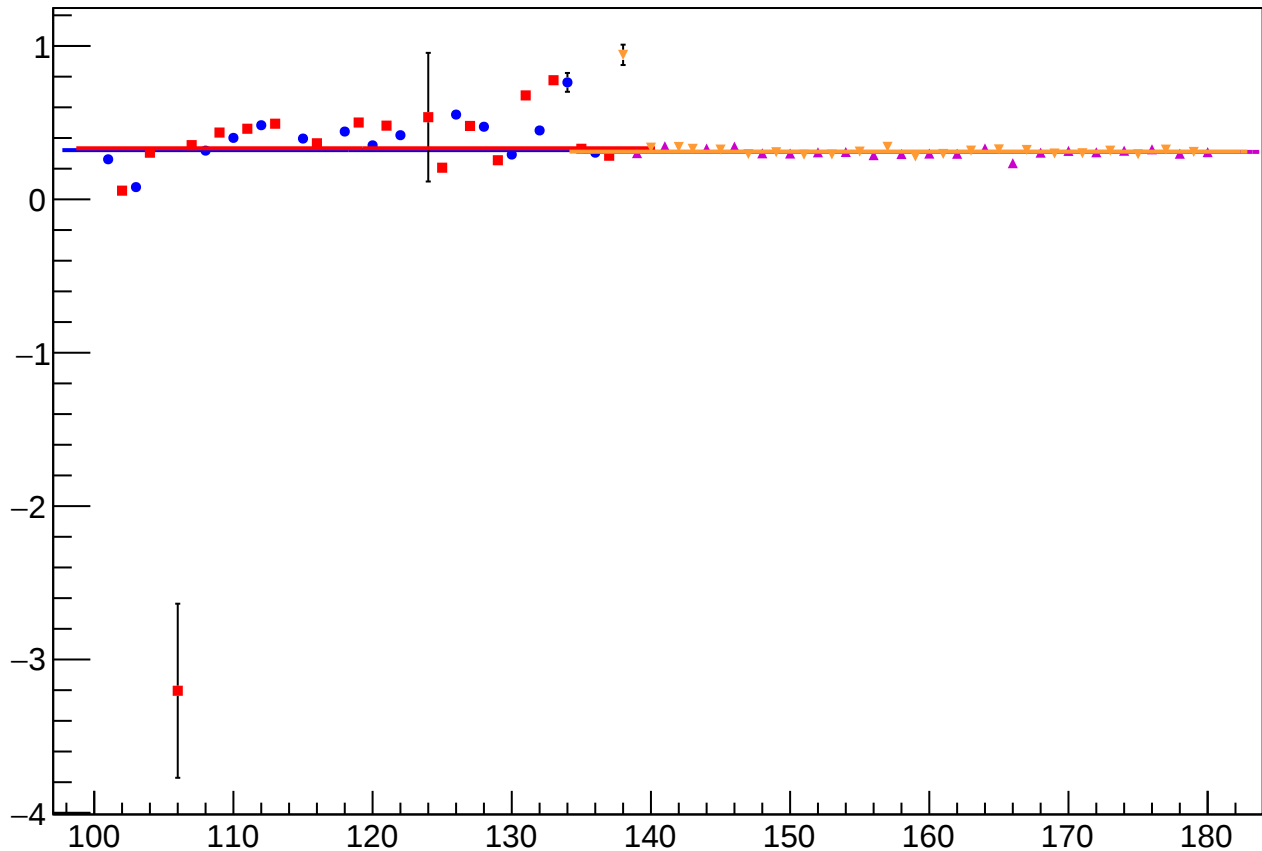
Right: -11.113 $\pm$ 0.008 χ^2/NDF : 338735.1/32

In: -14.012 $\pm$ 0.005 χ^2/NDF : 380944.7/35

Out: -14.471 $\pm$ 0.005 χ^2/NDF : 218048.0/39

All: -14.237 $\pm$ 0.004 χ^2/NDF : 602937.8/75

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.311+/-0.000 χ^2/NDF : 5109.7/21

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF : 2991.9/20

Left: 0.310+/-0.000 χ^2/NDF : 8128.9/42

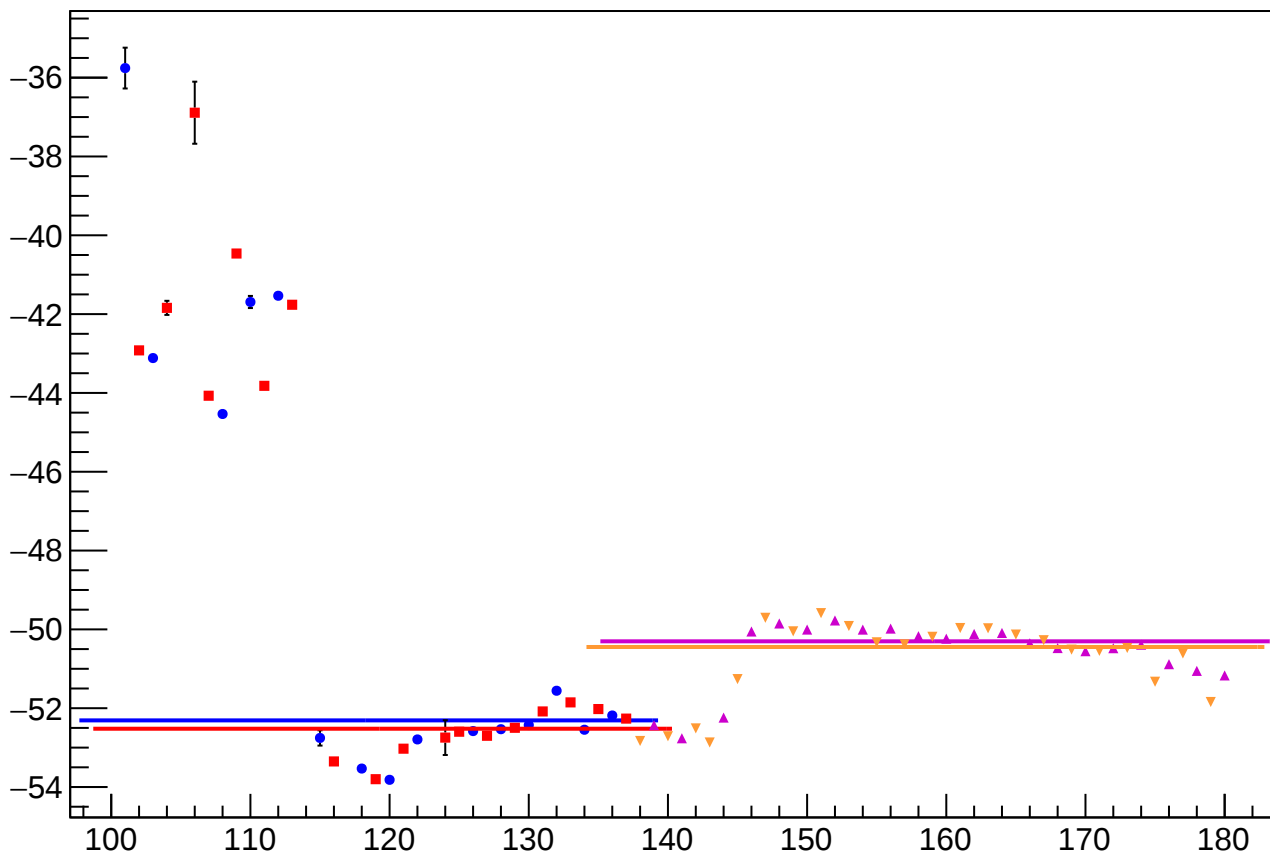
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 7152.6/35

Out: 0.312+/-0.000 χ^2/NDF : 9577.5/39

All: 0.311+/-0.000 χ^2/NDF : 16759.5/75

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.447 ± 0.002 χ^2/NDF : 255624.8/21

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.303 ± 0.001 χ^2/NDF : 174534.5/20

Left: -50.364 ± 0.001 χ^2/NDF : 435441.2/42

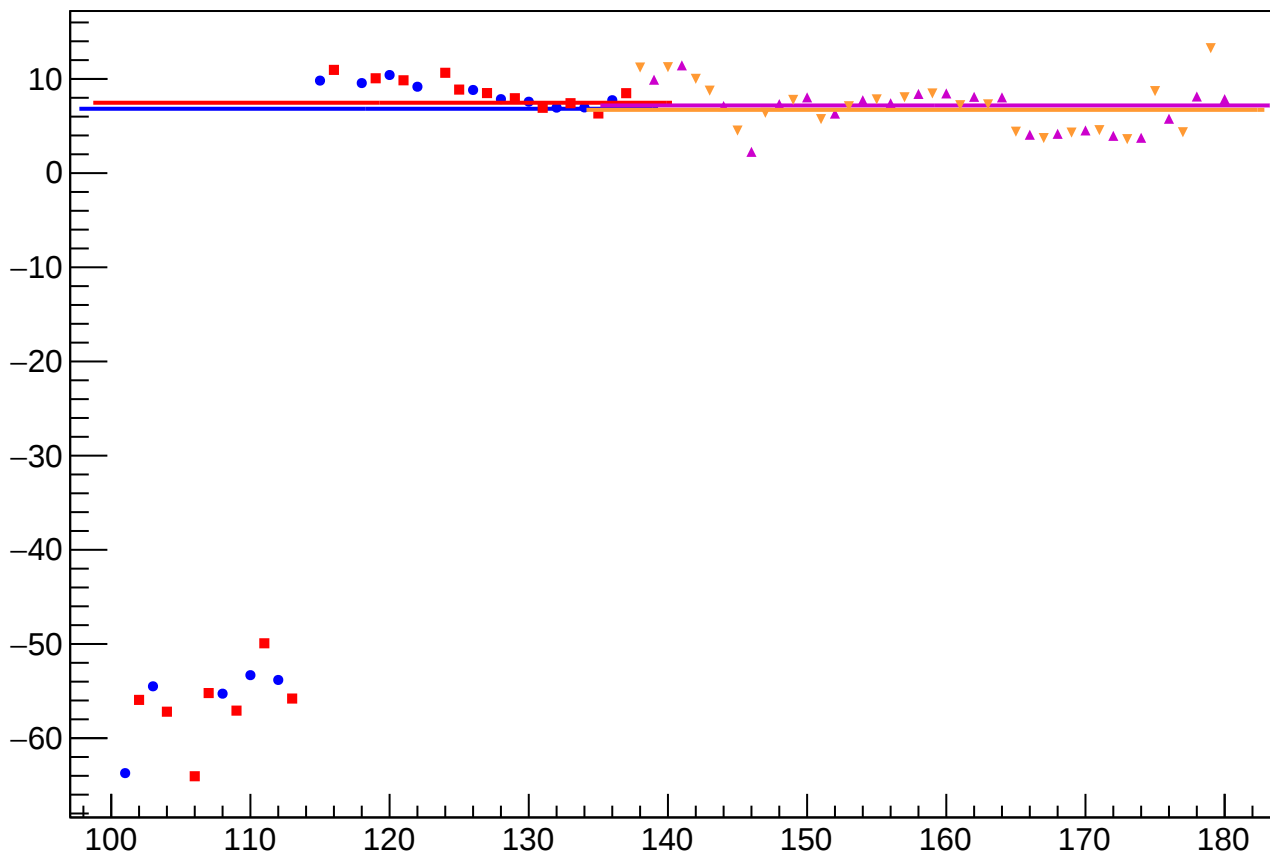
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.461 ± 0.001 χ^2/NDF : 418251.1/35

Out: -50.646 ± 0.001 χ^2/NDF : 515549.5/39

All: -50.541 ± 0.001 χ^2/NDF : 943355.6/75

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.718 ± 0.004 $\chi^2/\text{NDF}: 333502.3/21$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.186 ± 0.003 $\chi^2/\text{NDF}: 197741.9/20$

Left: 6.970 ± 0.003 $\chi^2/\text{NDF}: 539630.6/42$

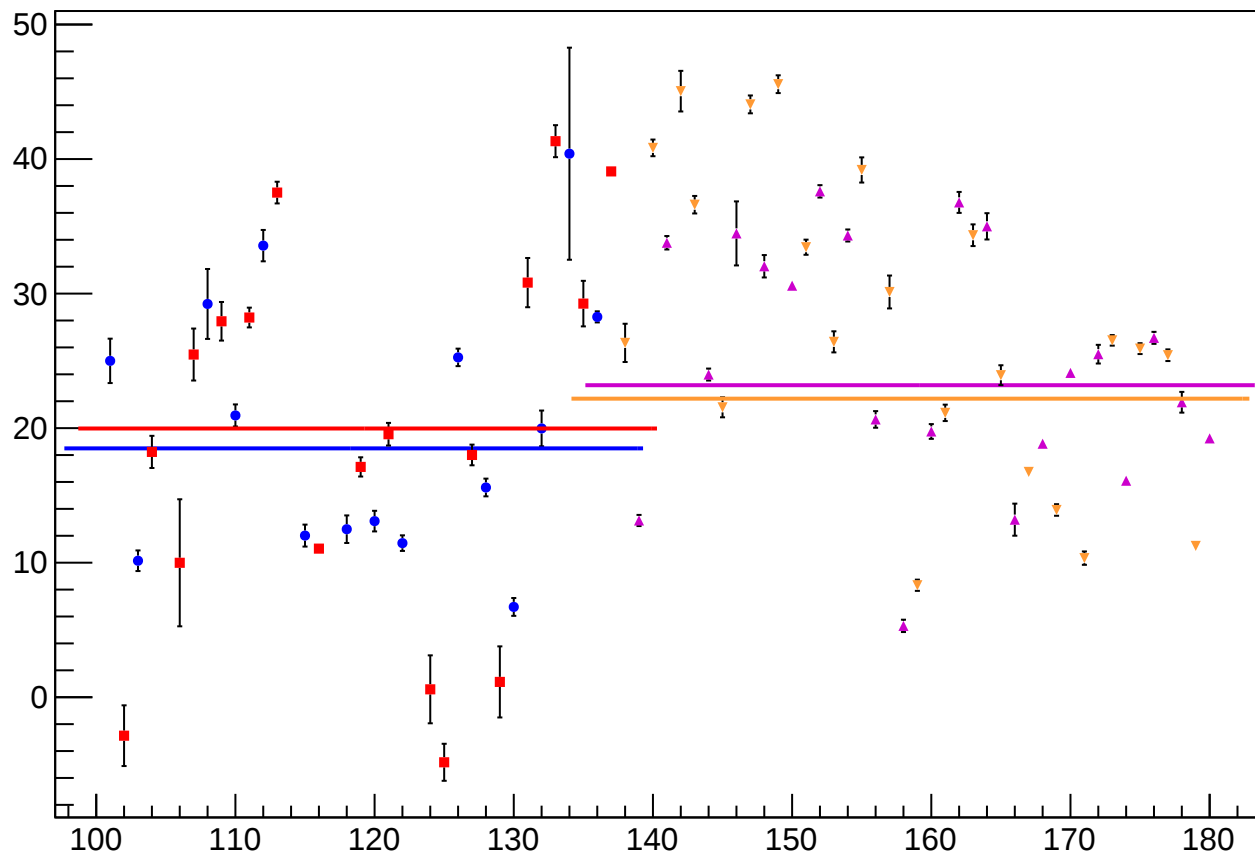
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.073 ± 0.003 $\chi^2/\text{NDF}: 1191605.1/35$

Out: 6.824 ± 0.003 $\chi^2/\text{NDF}: 1534687.4/39$

All: 6.972 ± 0.002 $\chi^2/\text{NDF}: 2729368.9/75$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 χ^2/NDF : 1636.7/14

Left Out: 22.191 ± 0.111 χ^2/NDF : 8841.4/21

Right Out: 19.974 ± 0.130 χ^2/NDF : 9201.3/17

Left In: 23.191 ± 0.100 χ^2/NDF : 6331.2/20

Left: 22.743 ± 0.074 χ^2/NDF : 15217.7/42

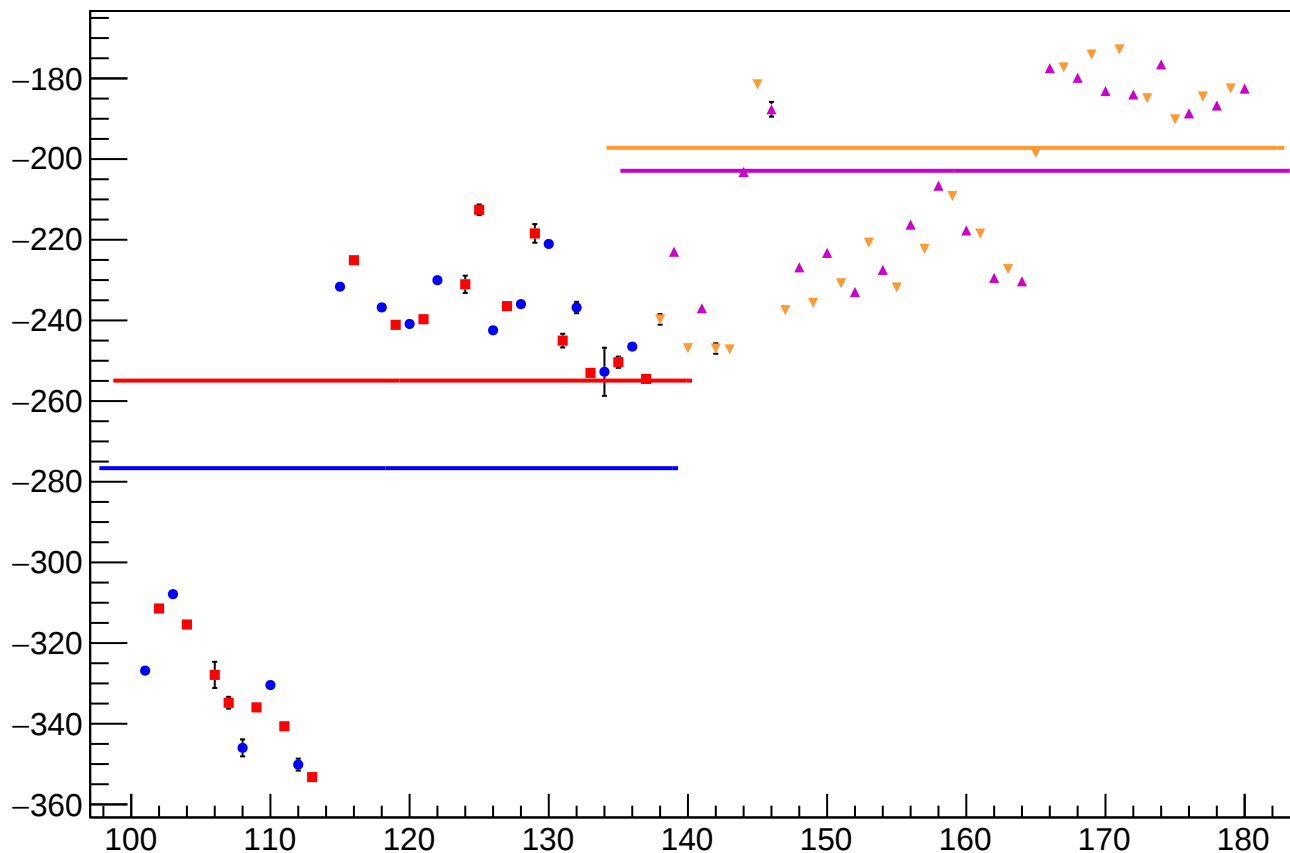
Right: 19.534 ± 0.109 χ^2/NDF : 10876.3/32

In: 22.256 ± 0.089 χ^2/NDF : 8409.0/35

Out: 21.260 ± 0.084 χ^2/NDF : 18211.0/39

All: 21.730 ± 0.061 χ^2/NDF : 26685.8/75

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -197.222 ± 0.092 $\chi^2/\text{NDF}: 67603.2/21$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -202.900 ± 0.087 $\chi^2/\text{NDF}: 62229.0/20$

Left: -200.214 ± 0.063 $\chi^2/\text{NDF}: 131829.8/42$

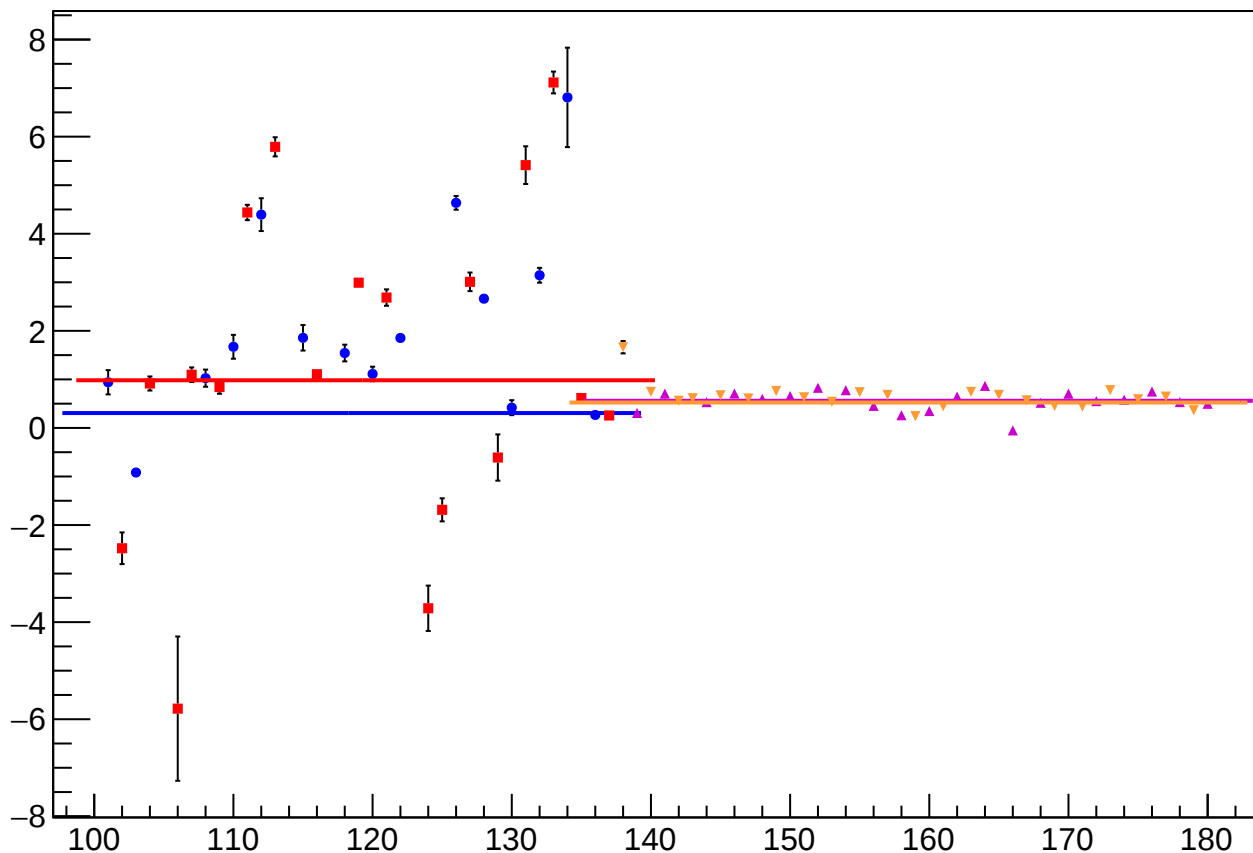
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -222.050 ± 0.075 $\chi^2/\text{NDF}: 324238.8/35$

Out: -233.366 ± 0.056 $\chi^2/\text{NDF}: 384697.2/39$

All: -229.294 ± 0.045 $\chi^2/\text{NDF}: 723433.3/75$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.524 ± 0.002 $\chi^2/\text{NDF}: 10651.7/21$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.560 ± 0.001 $\chi^2/\text{NDF}: 15923.6/20$

Left: 0.545 ± 0.001 $\chi^2/\text{NDF}: 26817.2/42$

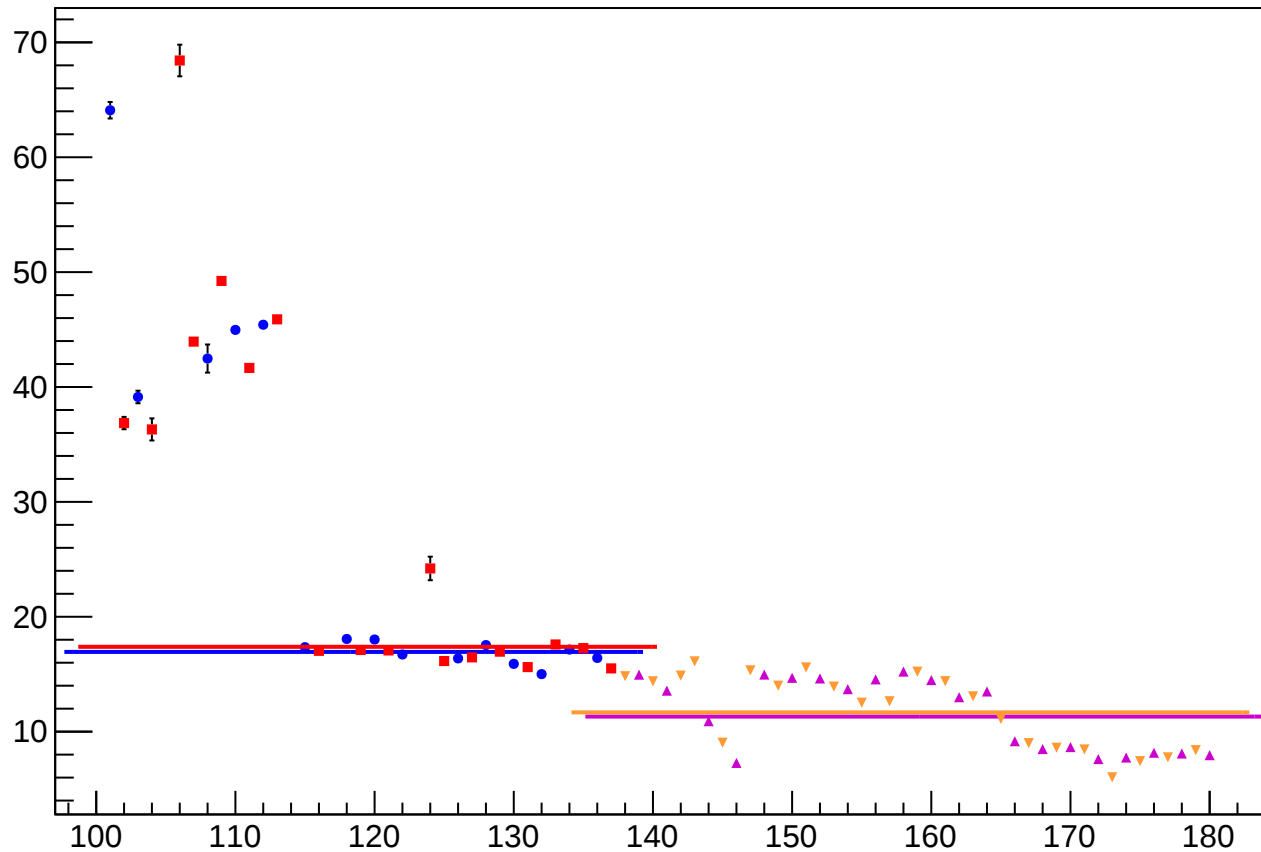
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.548 ± 0.001 $\chi^2/\text{NDF}: 20095.3/35$

Out: 0.530 ± 0.002 $\chi^2/\text{NDF}: 14986.8/39$

All: 0.541 ± 0.001 $\chi^2/\text{NDF}: 35140.5/75$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 11.677 ± 0.007 $\chi^2/\text{NDF}: 215937.1/21$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 11.312 ± 0.007 $\chi^2/\text{NDF}: 211204.8/20$

Left: 11.484 ± 0.005 $\chi^2/\text{NDF}: 428478.6/42$

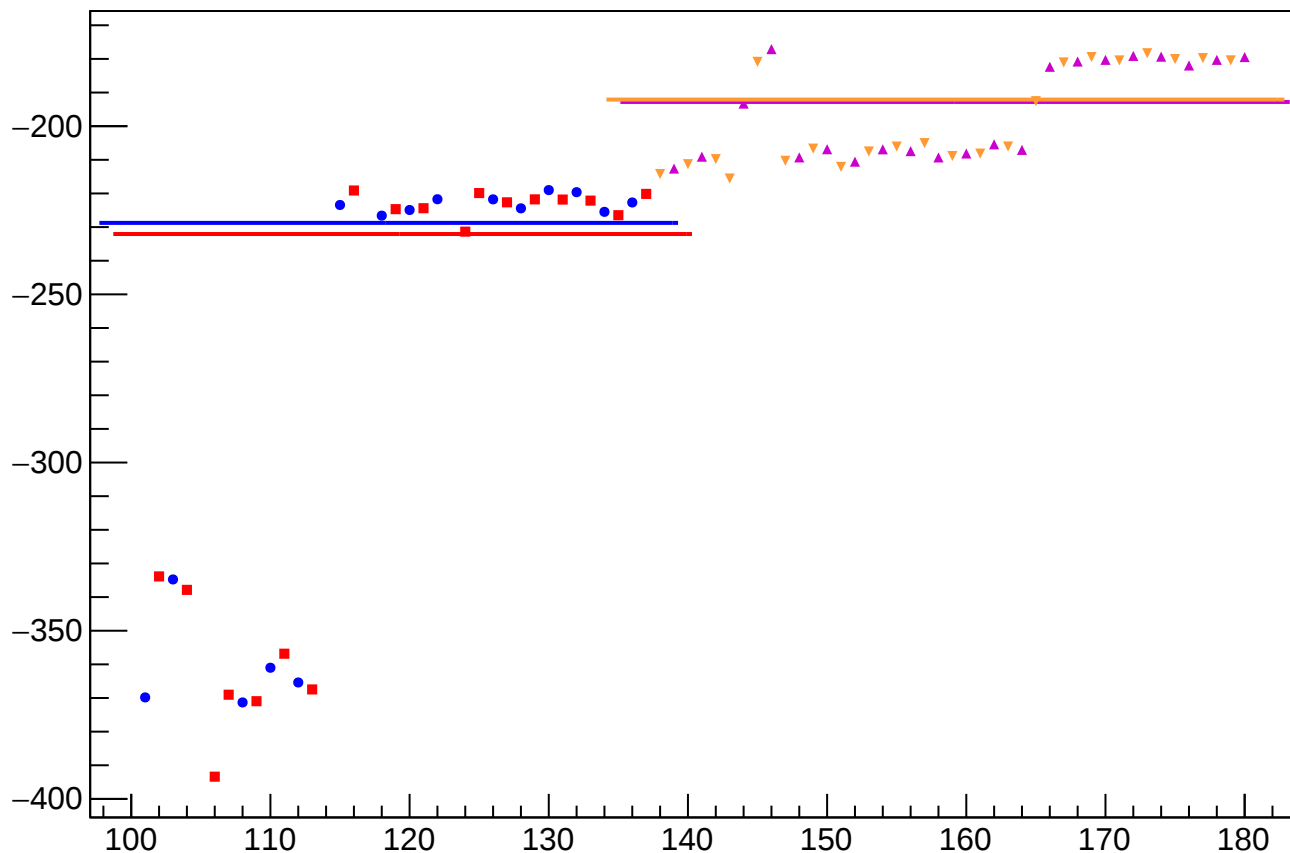
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 12.552 ± 0.006 $\chi^2/\text{NDF}: 389377.6/35$

Out: 12.510 ± 0.007 $\chi^2/\text{NDF}: 367016.3/39$

All: 12.533 ± 0.004 $\chi^2/\text{NDF}: 756416.2/75$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -192.091 ± 0.012 $\chi^2/\text{NDF}: 1356330.7/21$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -192.798 ± 0.012 $\chi^2/\text{NDF}: 1367145.7/20$

Left: -192.457 ± 0.009 $\chi^2/\text{NDF}: 2725170.4/42$

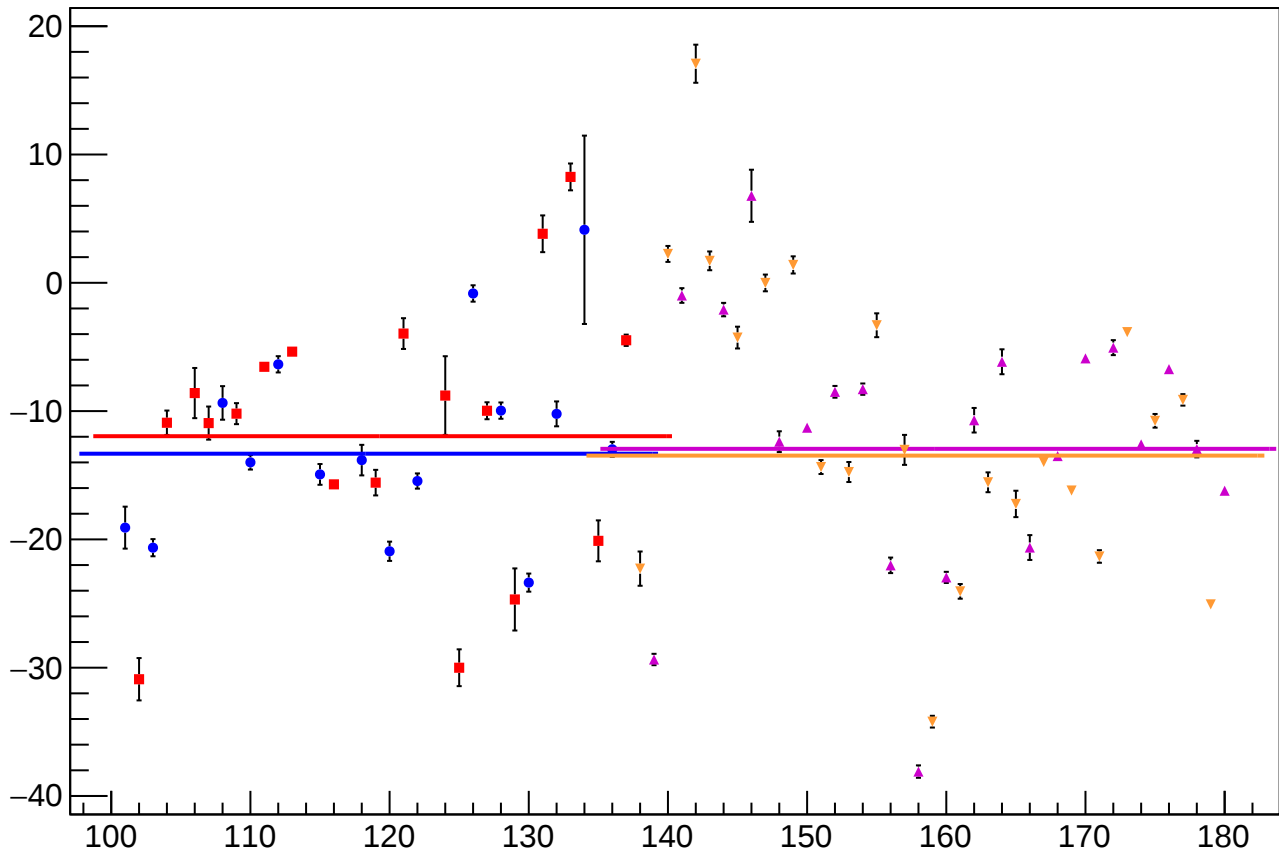
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -196.611 ± 0.011 $\chi^2/\text{NDF}: 2985135.6/35$

Out: -195.379 ± 0.012 $\chi^2/\text{NDF}: 3007251.5/39$

All: -196.024 ± 0.008 $\chi^2/\text{NDF}: 5998054.2/75$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321+/-0.194 χ^2/NDF : 1013.0/14

Left Out: -13.469+/-0.115 χ^2/NDF : 7152.6/21

Right Out: -11.956+/-0.113 χ^2/NDF : 2487.2/17

Left In: -12.942+/-0.101 χ^2/NDF : 7271.6/20

Left: -13.170+/-0.076 χ^2/NDF : 14436.0/42

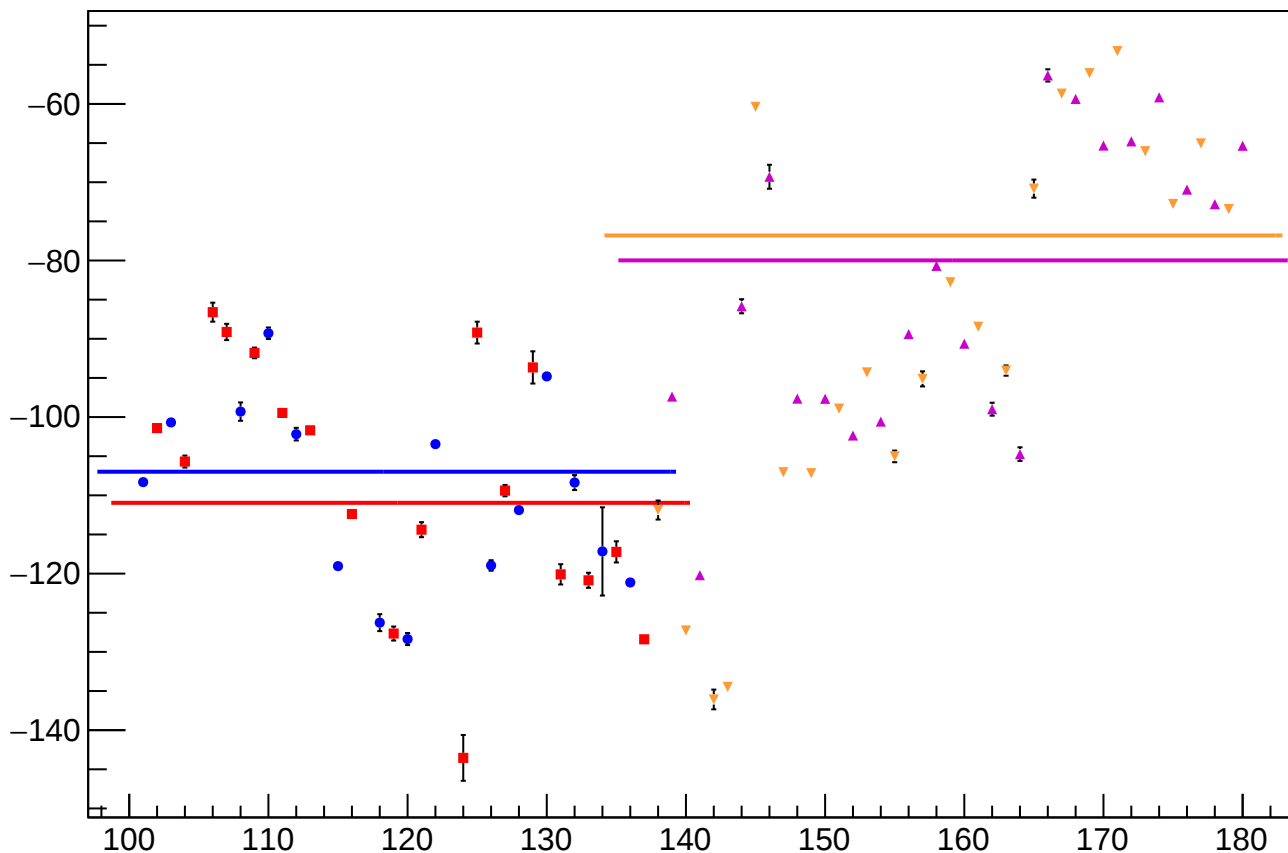
Right: -12.301+/-0.097 χ^2/NDF : 3537.3/32

In: -13.023+/-0.090 χ^2/NDF : 8287.6/35

Out: -12.694+/-0.081 χ^2/NDF : 9727.7/39

All: -12.841+/-0.060 χ^2/NDF : 18022.8/75

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -76.800 ± 0.093 χ^2/NDF : 53176.1/21

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -79.984 ± 0.087 χ^2/NDF : 44351.9/20

Left: -78.499 ± 0.063 χ^2/NDF : 98158.1/42

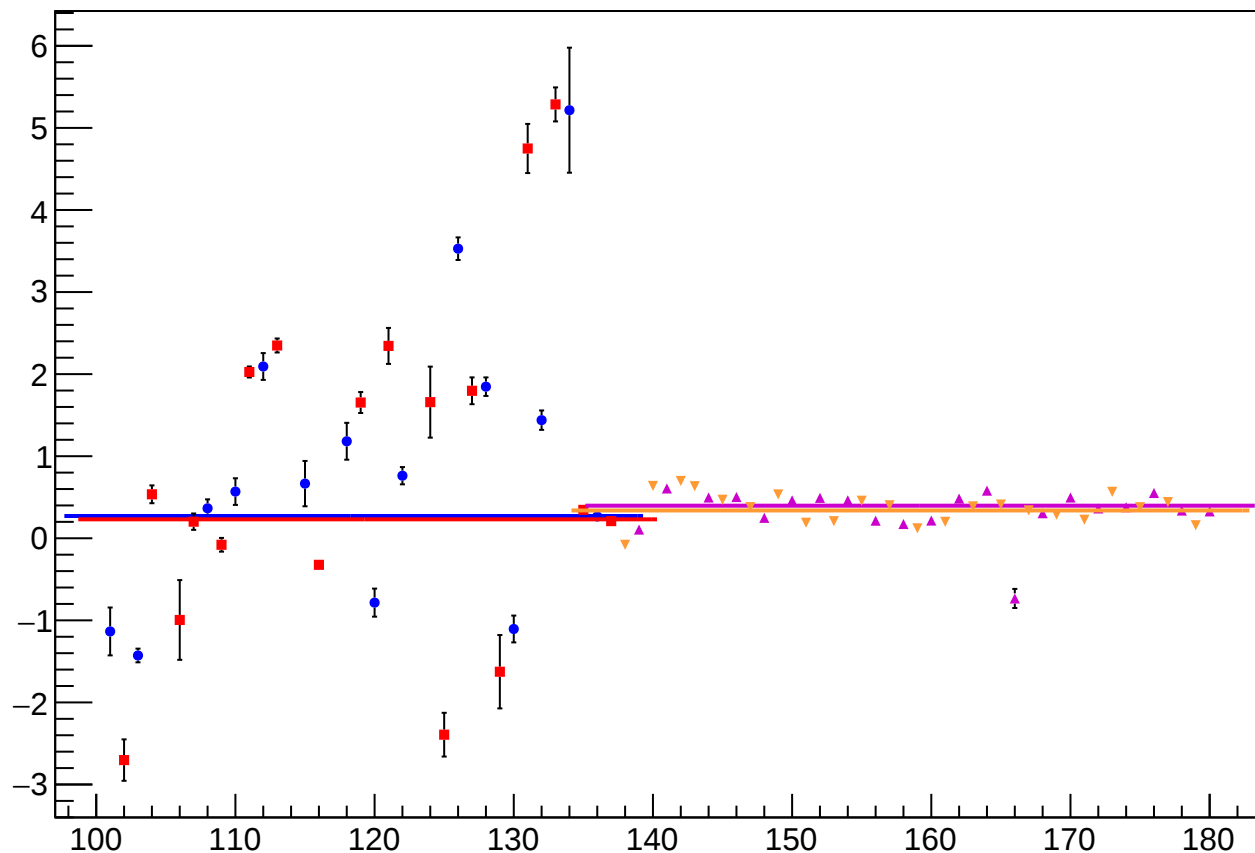
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -90.315 ± 0.068 χ^2/NDF : 86184.4/35

Out: -103.209 ± 0.044 χ^2/NDF : 168892.9/39

All: -99.393 ± 0.037 χ^2/NDF : 280345.8/75

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.339 ± 0.002 $\chi^2/\text{NDF}: 10101.1/21$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.397 ± 0.001 $\chi^2/\text{NDF}: 9667.7/20$

Left: 0.372 ± 0.001 $\chi^2/\text{NDF}: 20430.1/42$

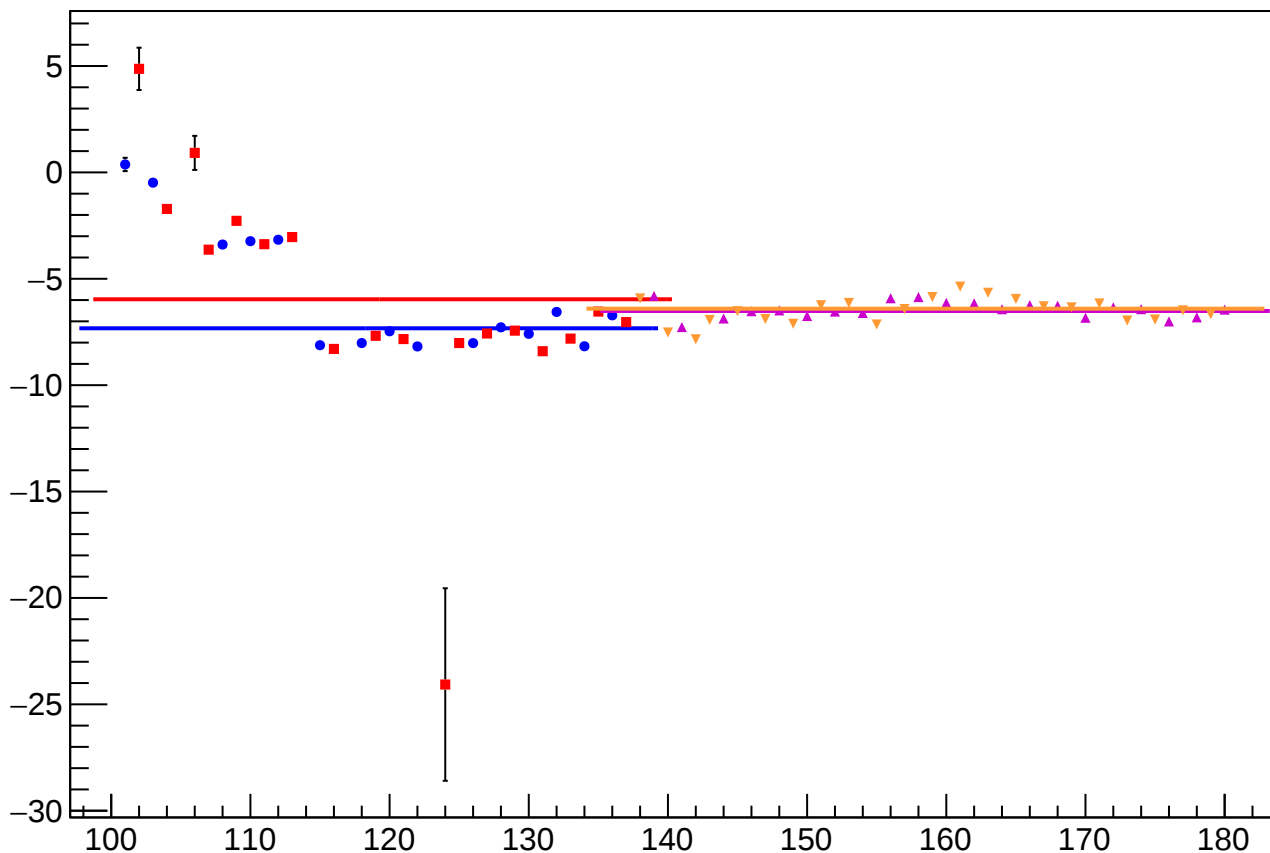
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.388 ± 0.001 $\chi^2/\text{NDF}: 11799.6/35$

Out: 0.325 ± 0.002 $\chi^2/\text{NDF}: 13529.7/39$

All: 0.360 ± 0.001 $\chi^2/\text{NDF}: 26202.0/75$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.405+/-0.005 χ^2/NDF : 6604.3/21

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.513+/-0.005 χ^2/NDF : 6742.3/20

Left: -6.462+/-0.003 χ^2/NDF : 13601.8/42

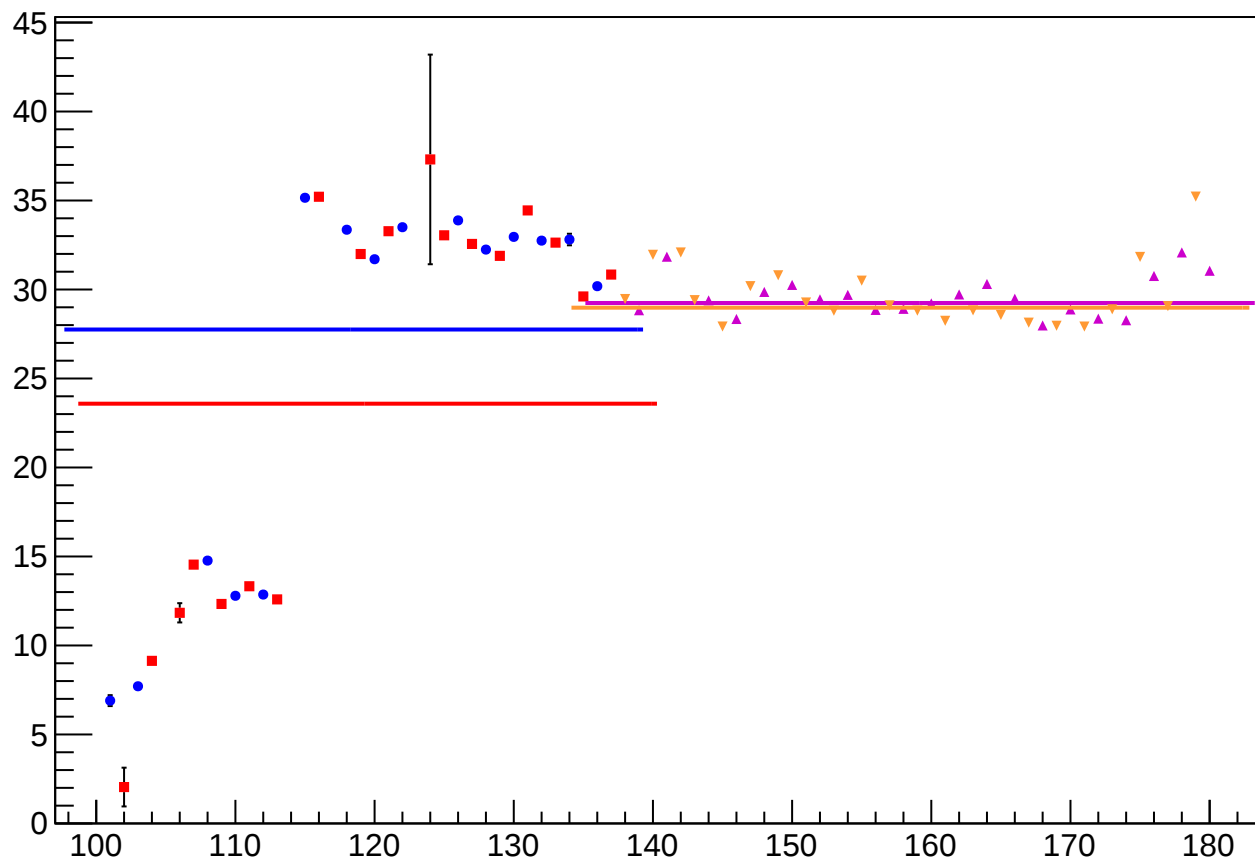
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.703+/-0.004 χ^2/NDF : 44464.7/35

Out: -6.299+/-0.004 χ^2/NDF : 80330.0/39

All: -6.513+/-0.003 χ^2/NDF : 129475.5/75

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 28.979 $\pm$ 0.009 χ^2 /NDF:30111.8/21

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.242 $\pm$ 0.008 χ^2 /NDF:9874.2/20

Left: 29.114 $\pm$ 0.006 χ^2 /NDF: 40458.8/42

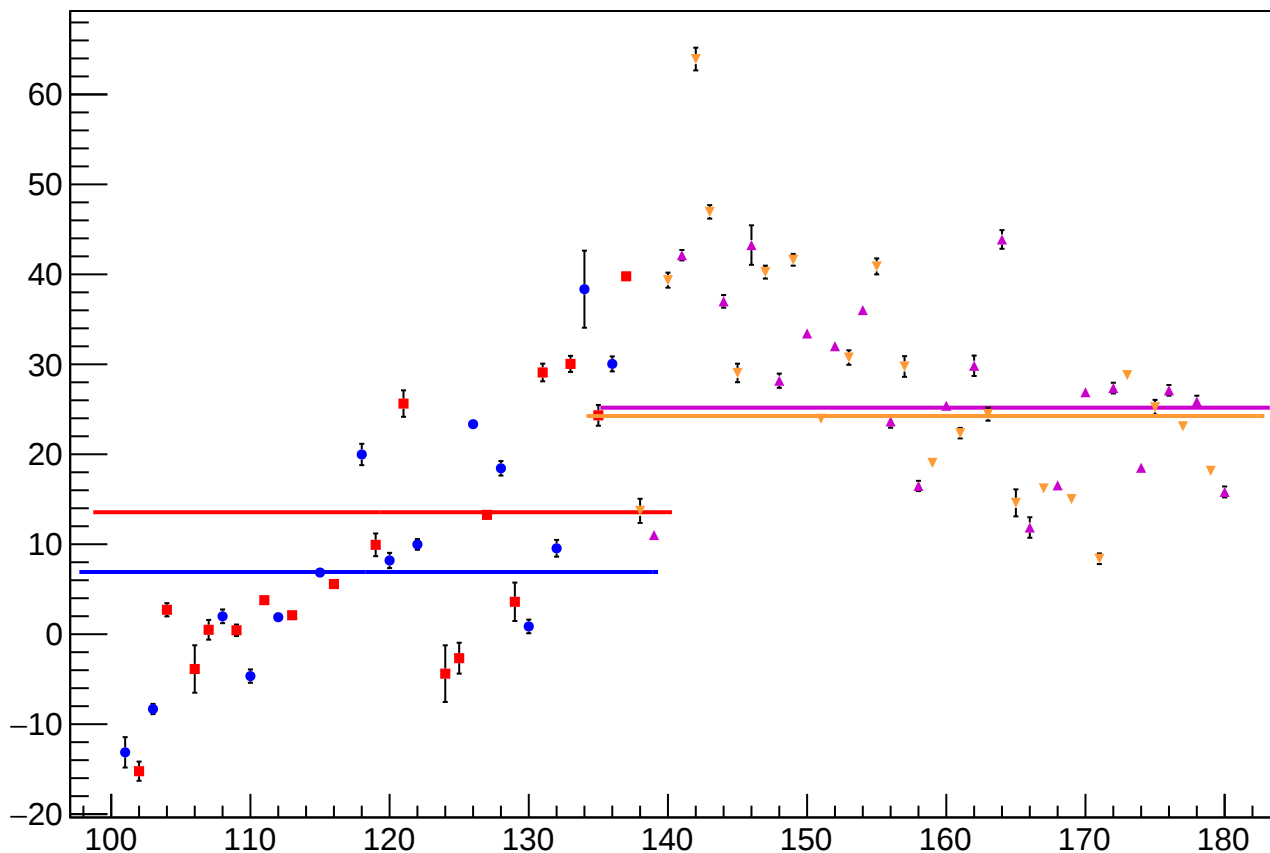
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.885 $\pm$ 0.007 χ^2 /NDF:350264.3/35

Out: 27.434 $\pm$ 0.007 χ^2 /NDF:680121.4/39

All: 28.157 $\pm$ 0.005 χ^2 /NDF: 1049864.7/75

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 24.253 ± 0.131 $\chi^2/\text{NDF}: 6127.5/21$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 25.180 ± 0.114 $\chi^2/\text{NDF}: 6066.7/20$

Left: 24.778 ± 0.086 $\chi^2/\text{NDF}: 12222.7/42$

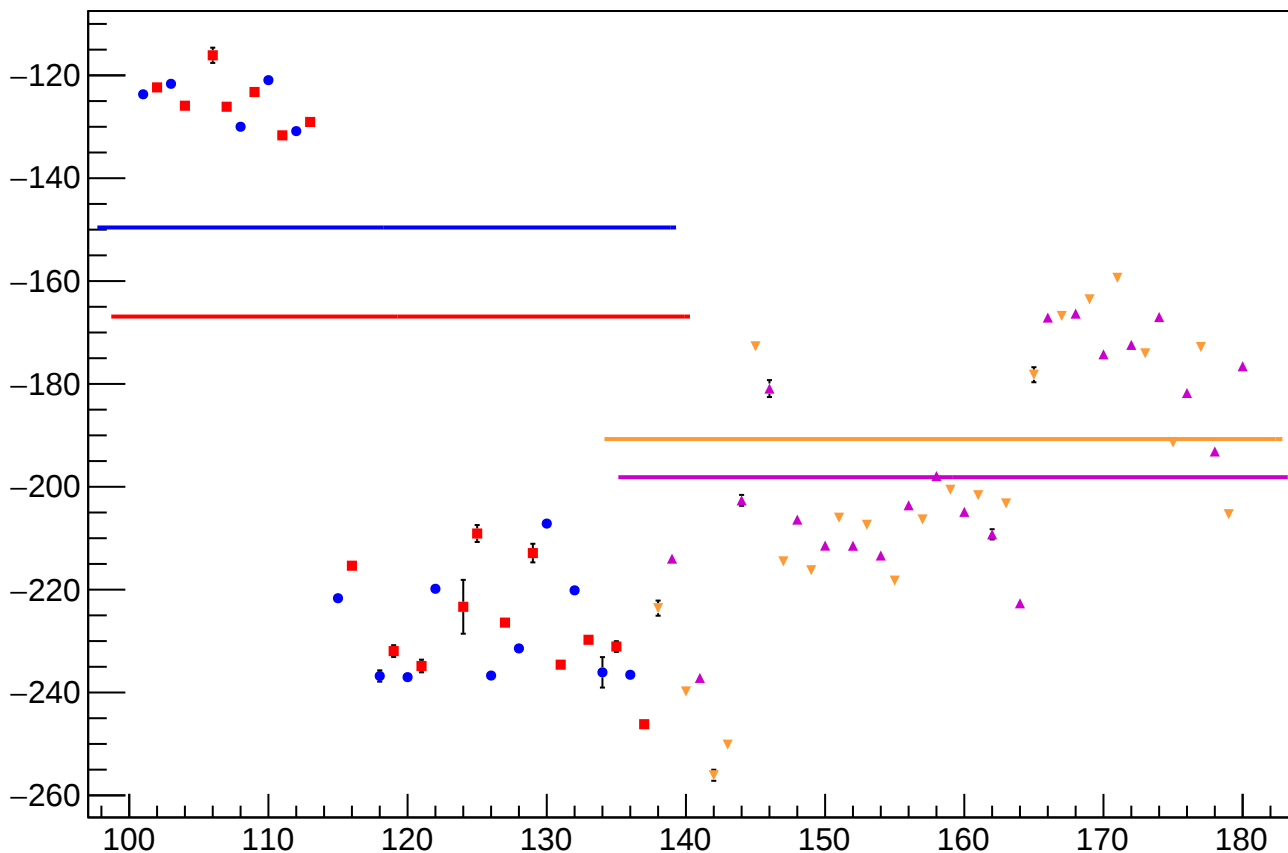
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.783 ± 0.096 $\chi^2/\text{NDF}: 17109.4/35$

Out: 19.465 ± 0.097 $\chi^2/\text{NDF}: 20787.8/39$

All: 19.626 ± 0.068 $\chi^2/\text{NDF}: 37902.7/75$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2/NDF : 195091.5/14

Left Out: -190.718+/-0.107 χ^2/NDF : 50592.3/21

Right Out: -166.899+/-0.101 χ^2/NDF : 295489.9/17

Left In: -198.132+/-0.099 χ^2/NDF : 41990.1/20

Left: -194.708+/-0.073 χ^2/NDF : 95170.1/42

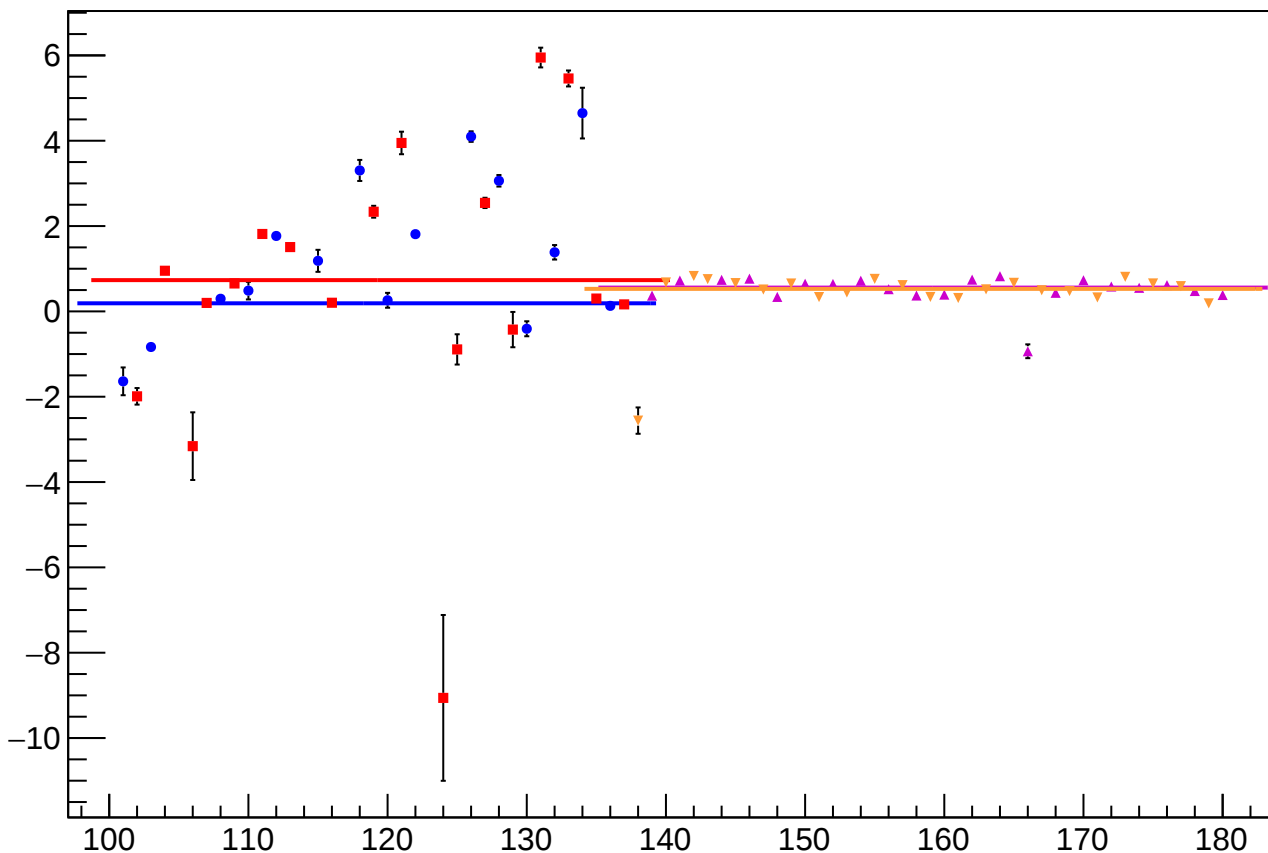
Right: -158.264+/-0.071 χ^2/NDF : 505360.9/32

In: -174.297+/-0.071 χ^2/NDF : 355020.0/35

Out: -178.081+/-0.073 χ^2/NDF : 372406.1/39

All: -176.121+/-0.051 χ^2/NDF : 728808.3/75

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.528 $\pm$ 0.002 χ^2 /NDF:8337.0/21

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.558 $\pm$ 0.002 χ^2 /NDF:5506.4/20

Left: 0.544 $\pm$ 0.001 χ^2 /NDF: 13952.4/42

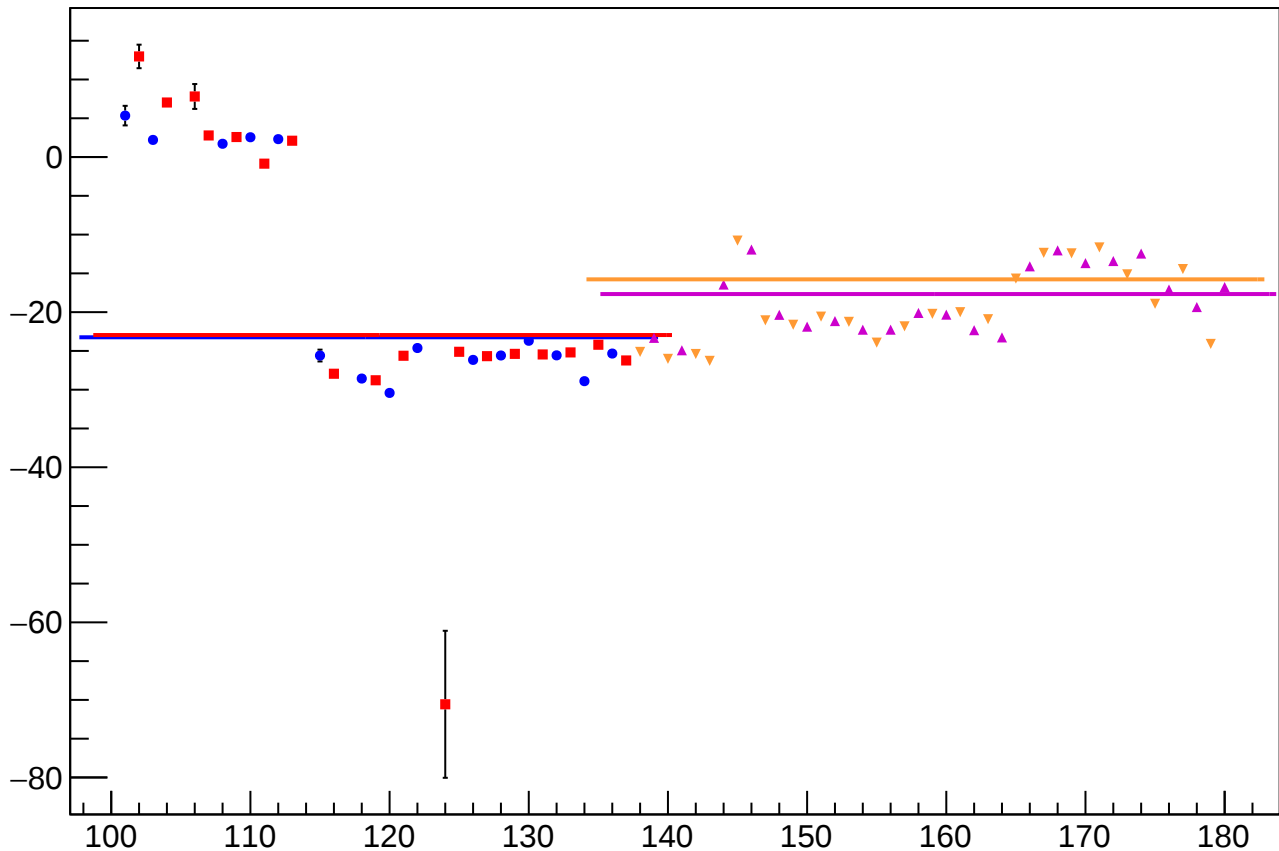
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.540 $\pm$ 0.002 χ^2 /NDF:9971.1/35

Out: 0.530 $\pm$ 0.002 χ^2 /NDF:11110.3/39

All: 0.535 $\pm$ 0.001 χ^2 /NDF: 21093.1/75

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 χ^2/NDF : 103102.8/14

Left Out: -15.771 ± 0.011 χ^2/NDF : 184136.5/21

Right Out: -22.951 ± 0.025 χ^2/NDF : 108039.1/17

Left In: -17.666 ± 0.012 χ^2/NDF : 120330.3/20

Left: -16.693 ± 0.008 χ^2/NDF : 317866.5/42

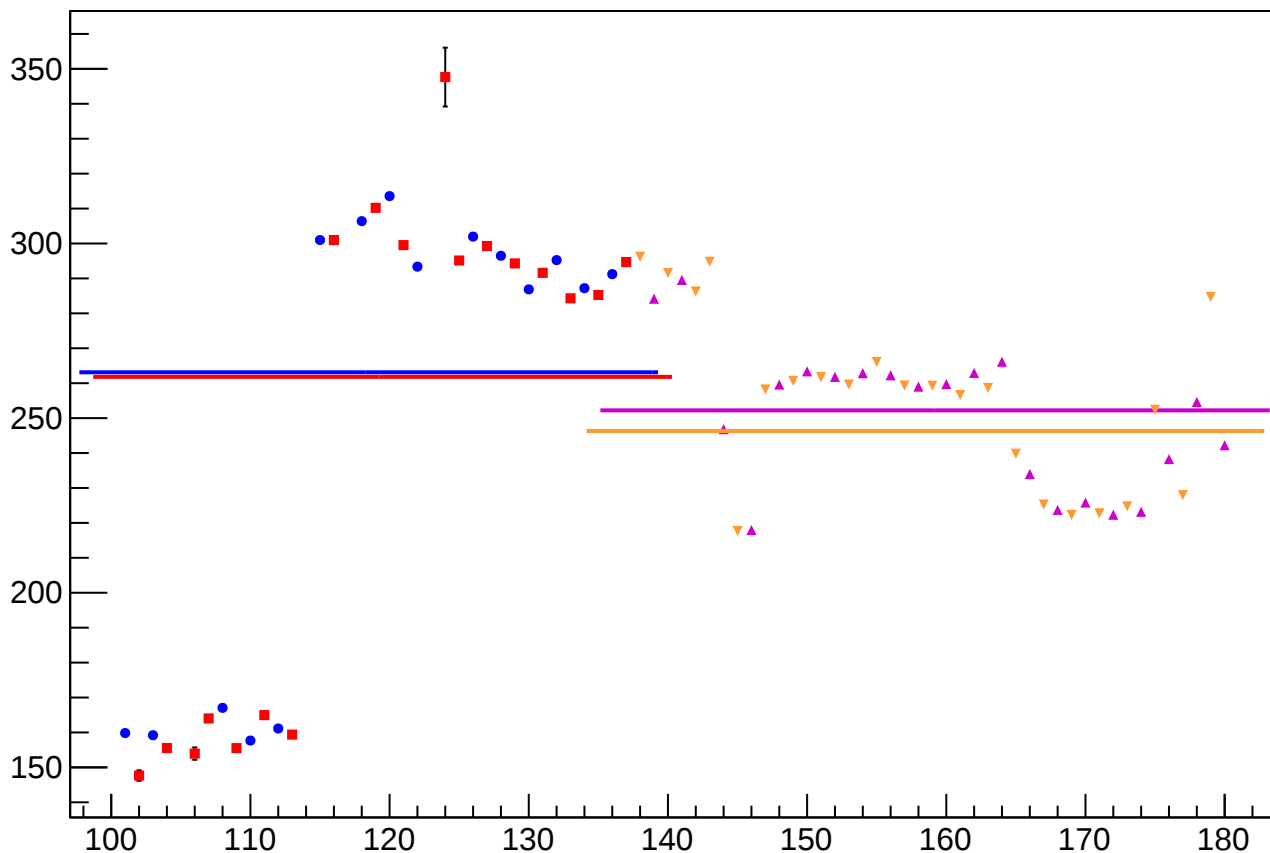
Right: -23.095 ± 0.017 χ^2/NDF : 211210.7/32

In: -18.689 ± 0.011 χ^2/NDF : 264816.5/35

Out: -17.037 ± 0.010 χ^2/NDF : 361835.4/39

All: -17.844 ± 0.007 χ^2/NDF : 639059.6/75

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 246.296+/-0.028 χ^2/NDF : 684632.8/21

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 252.220+/-0.028 χ^2/NDF : 358118.7/20

Left: 249.255+/-0.020 χ^2/NDF : 1064401.1/42

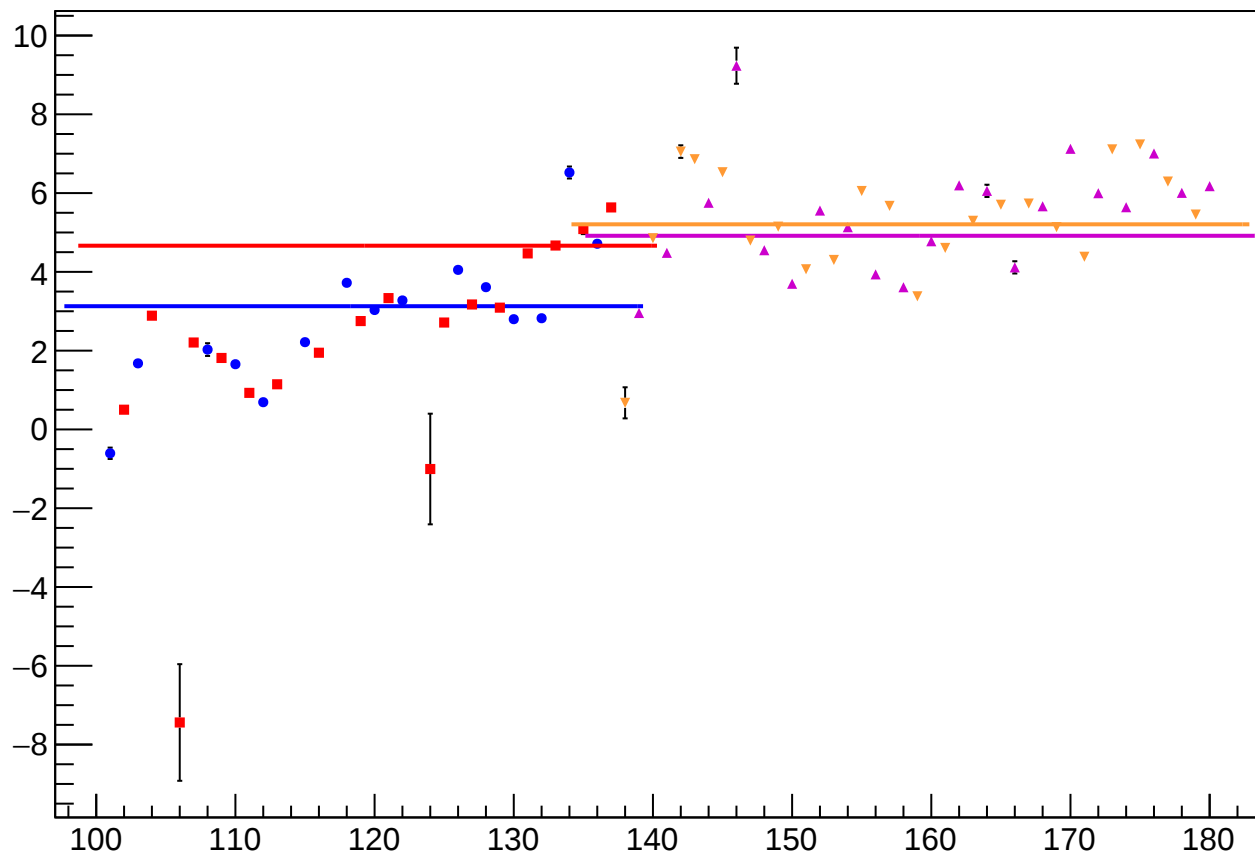
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 253.804+/-0.026 χ^2/NDF : 1072289.0/35

Out: 249.111+/-0.026 χ^2/NDF : 1744786.7/39

All: 251.405+/-0.018 χ^2/NDF : 2833313.5/75

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.207 ± 0.014 $\chi^2/\text{NDF}: 4423.8/21$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.916 ± 0.013 $\chi^2/\text{NDF}: 10394.1/20$

Left: 5.050 ± 0.009 $\chi^2/\text{NDF}: 15052.0/42$

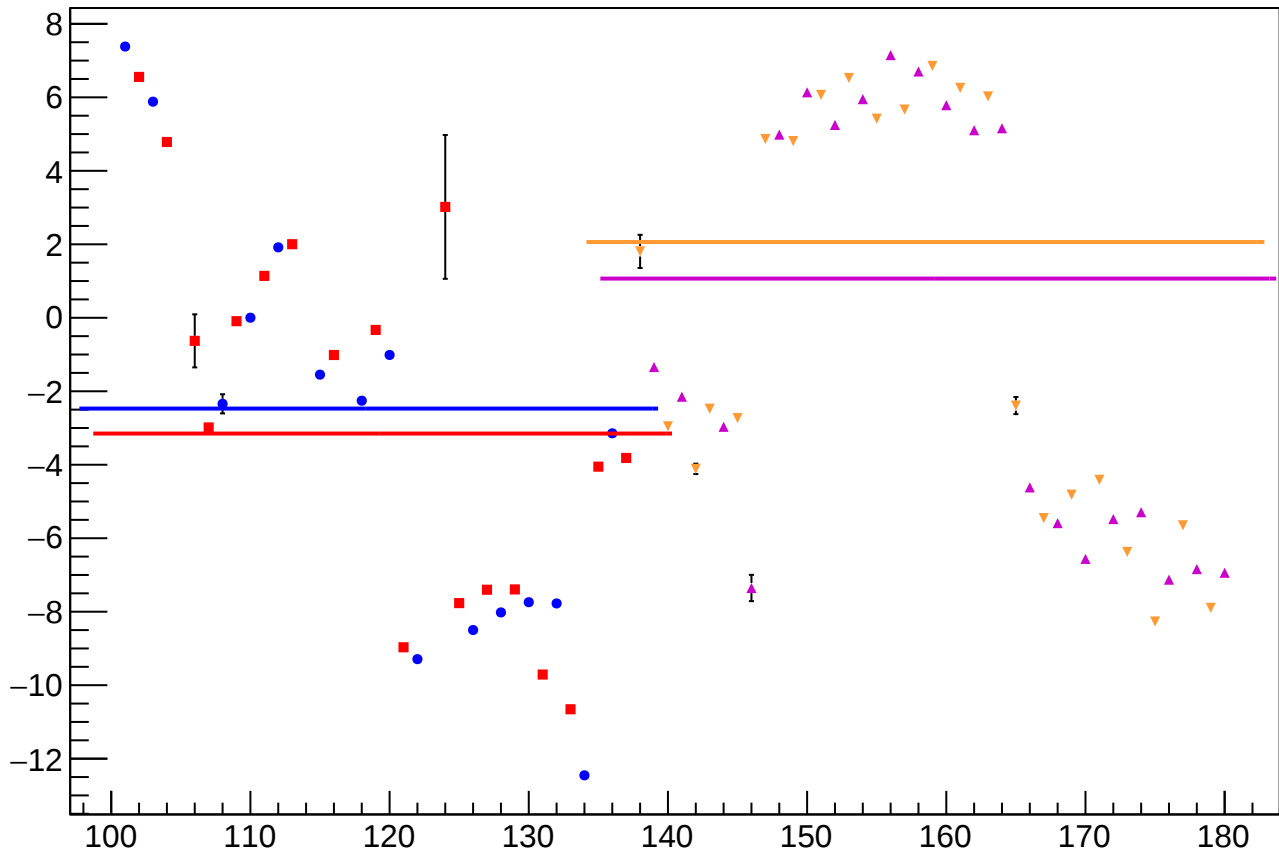
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.200 ± 0.010 $\chi^2/\text{NDF}: 23778.3/35$

Out: 4.757 ± 0.006 $\chi^2/\text{NDF}: 72534.4/39$

All: 4.617 ± 0.005 $\chi^2/\text{NDF}: 98647.3/75$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471±/0.014 χ^2/NDF : 242579.9/14

Left Out: 2.062±/0.012 χ^2/NDF :193378.6/21

Right Out: -3.151±/0.007 χ^2/NDF : 247427.7/17

Left In: 1.067±/0.011 χ^2/NDF :244719.3/20

Left: 1.542±/0.008 χ^2/NDF : 441862.2/42

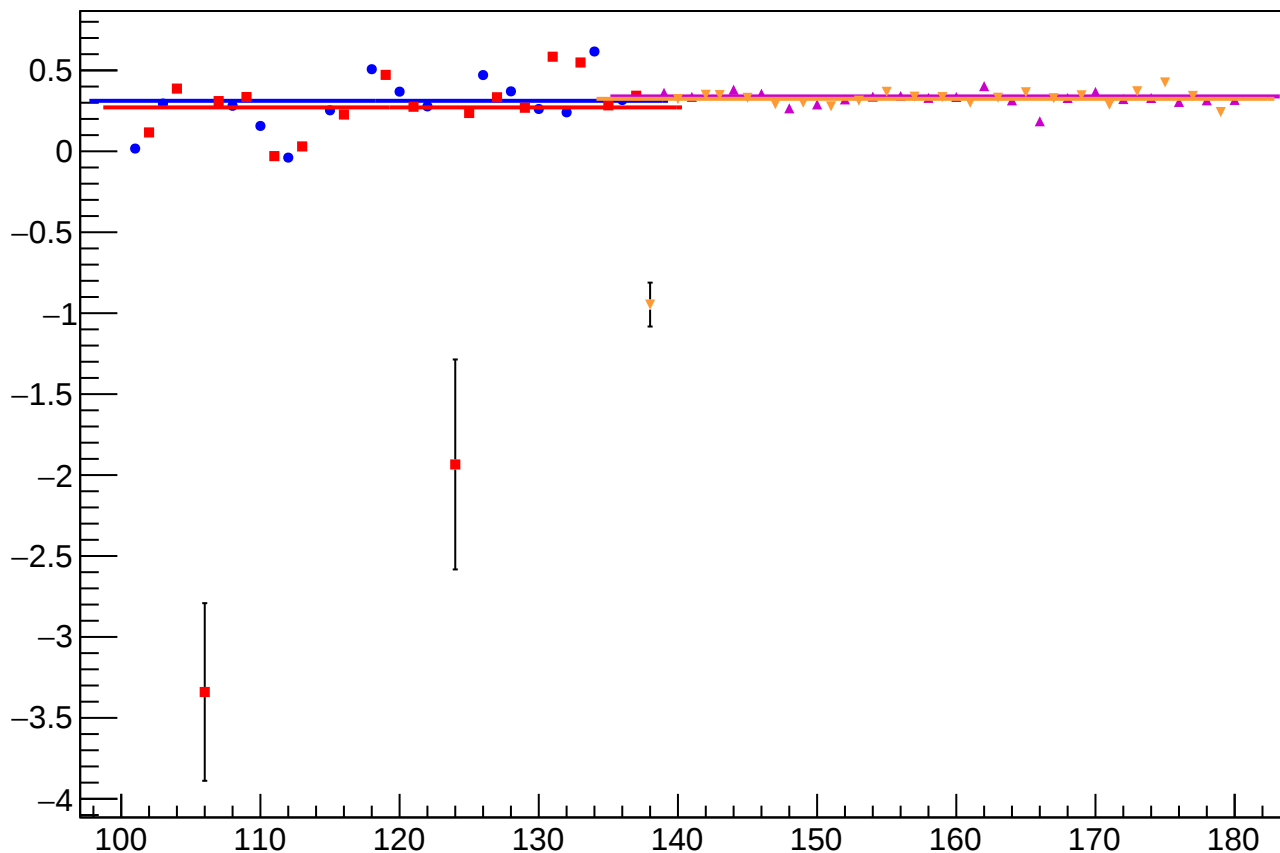
Right: -3.003±/0.007 χ^2/NDF : 491827.6/32

In: -0.301±/0.009 χ^2/NDF :525895.6/35

Out: -1.656±/0.006 χ^2/NDF :581824.4/39

All: -1.197±/0.005 χ^2/NDF : 1123519.6/75

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.324 ± 0.001 $\chi^2/\text{NDF}: 2698.9/21$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.339 ± 0.001 $\chi^2/\text{NDF}: 3415.3/20$

Left: 0.332 ± 0.000 $\chi^2/\text{NDF}: 6456.3/42$

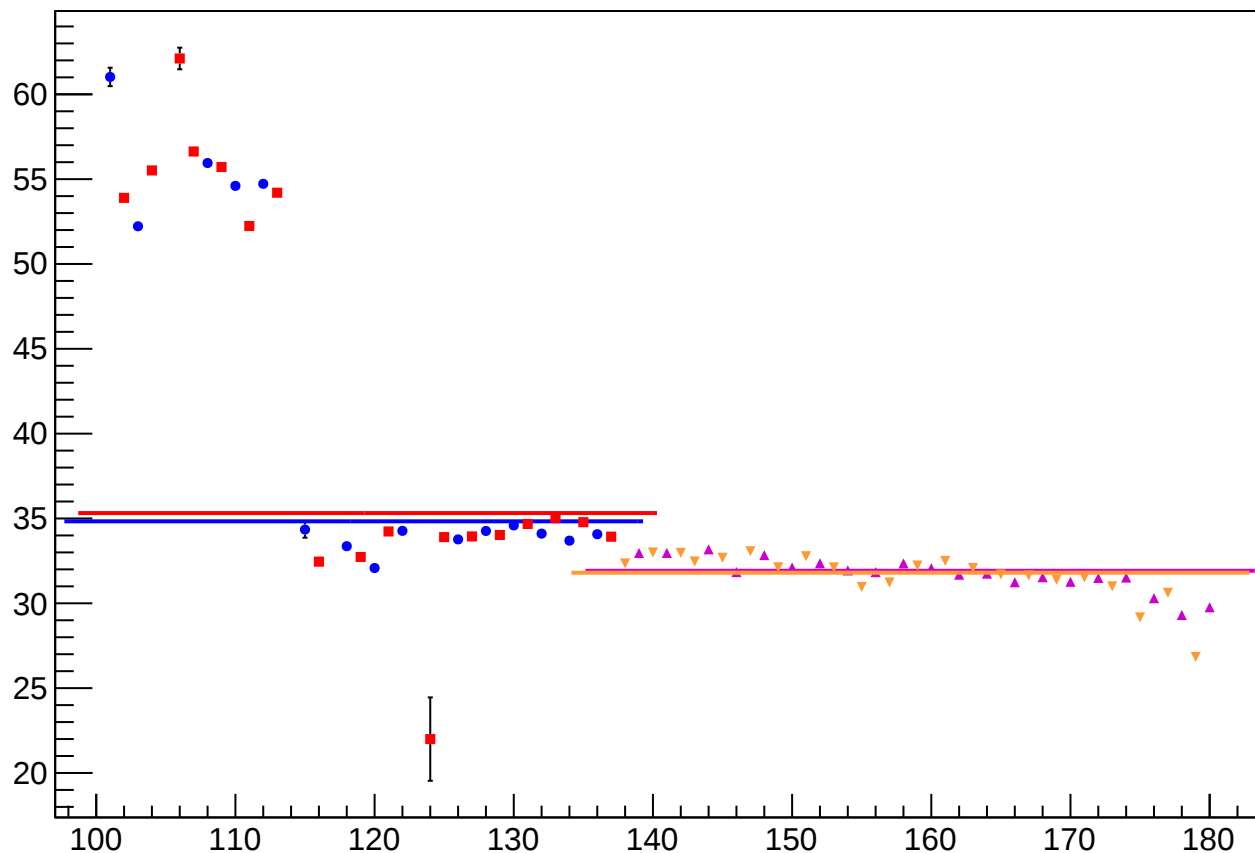
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.335 ± 0.001 $\chi^2/\text{NDF}: 5113.4/35$

Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 9429.3/39$

All: 0.328 ± 0.000 $\chi^2/\text{NDF}: 14908.0/75$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.803 $\pm$ 0.003 χ^2 /NDF: 47132.8/21

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.919 $\pm$ 0.004 χ^2 /NDF: 22899.2/20

Left: 31.854 $\pm$ 0.002 χ^2 /NDF: 70597.6/42

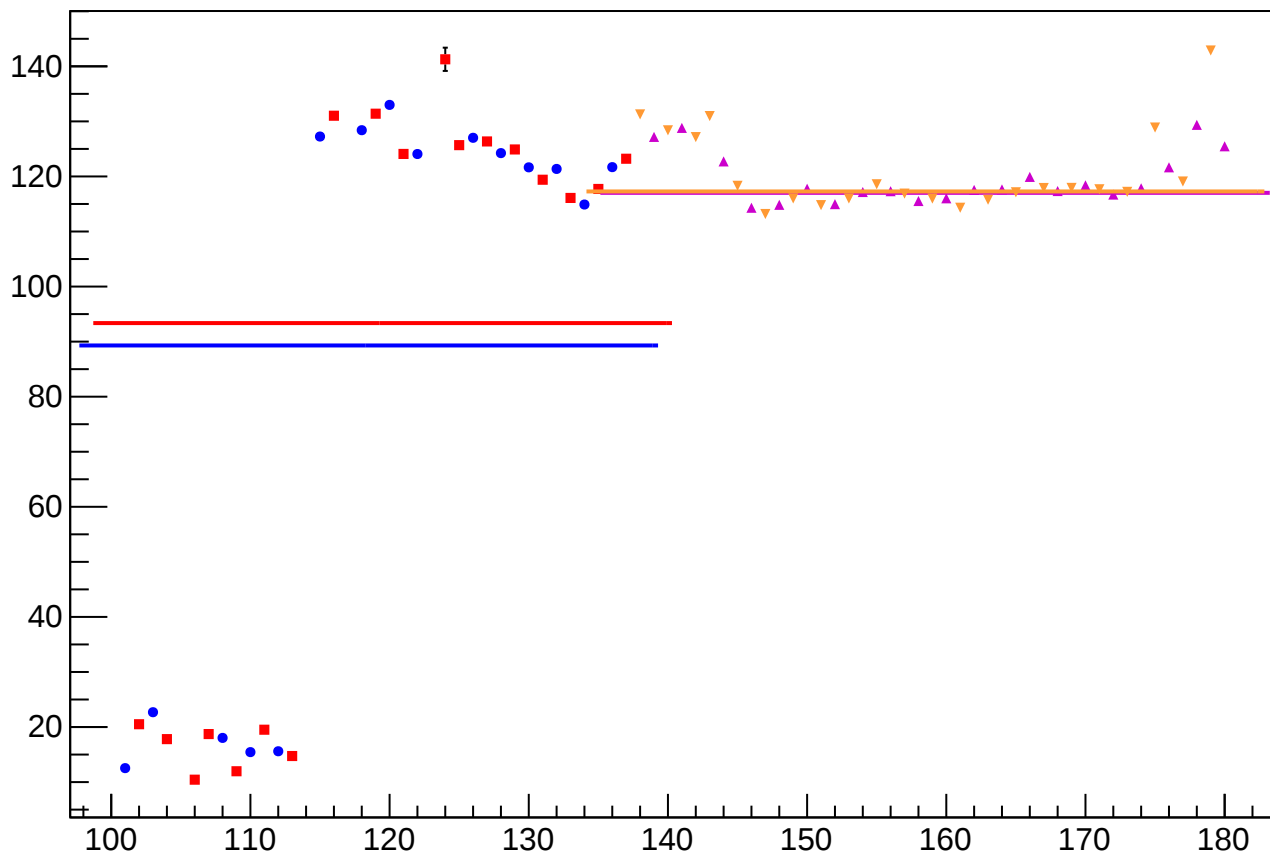
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.359 $\pm$ 0.003 χ^2 /NDF: 365369.5/35

Out: 32.141 $\pm$ 0.003 χ^2 /NDF: 421429.8/39

All: 32.241 $\pm$ 0.002 χ^2 /NDF: 789096.4/75

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2/NDF : 3034485.1/14

Left Out: 117.276 $\pm$ 0.008 χ^2/NDF : 146519.8/21

Right Out: 93.367 $\pm$ 0.030 χ^2/NDF : 2852493.6/17

Left In: 117.023 $\pm$ 0.009 χ^2/NDF : 52172.4/20

Left: 117.161 $\pm$ 0.006 χ^2/NDF : 199145.7/42

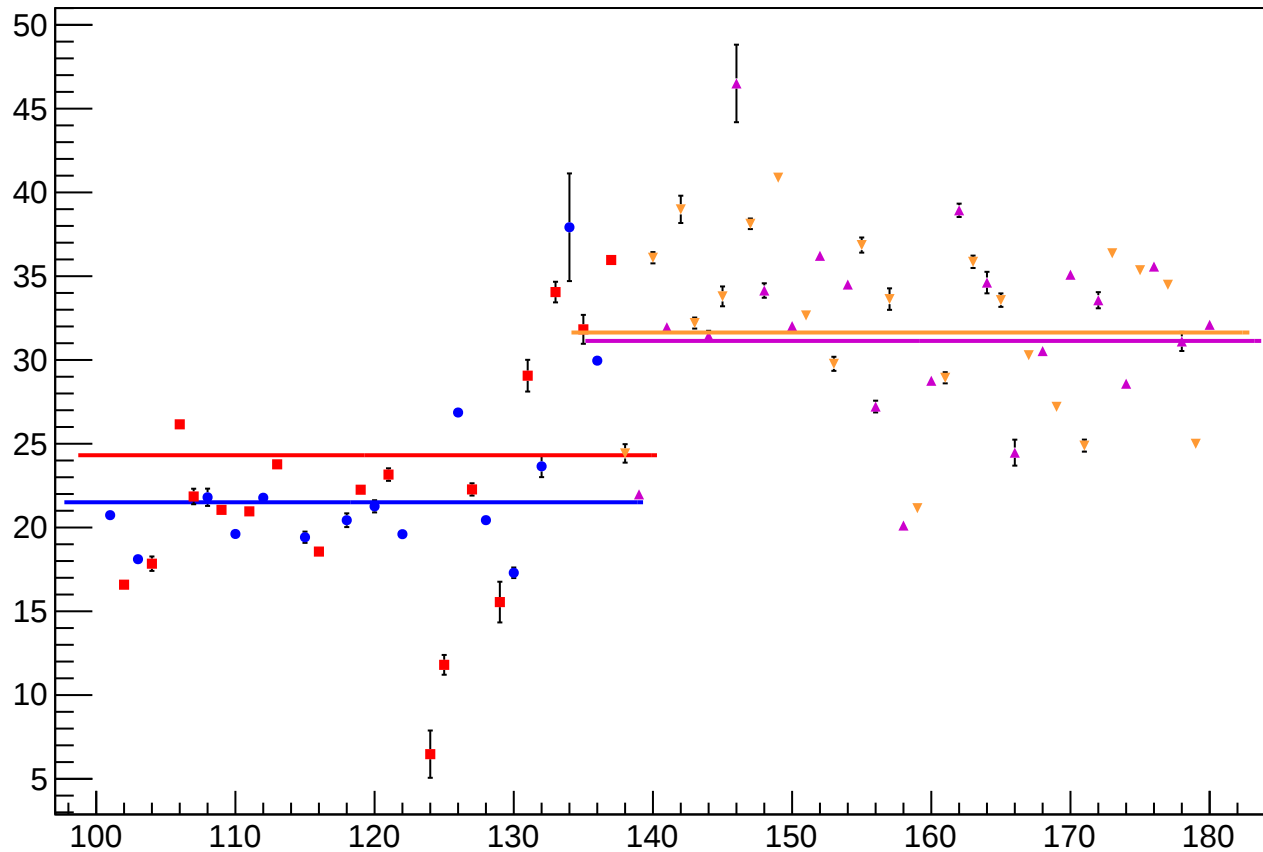
Right: 91.158 $\pm$ 0.020 χ^2/NDF : 5896996.6/32

In: 114.452 $\pm$ 0.008 χ^2/NDF : 4012730.8/35

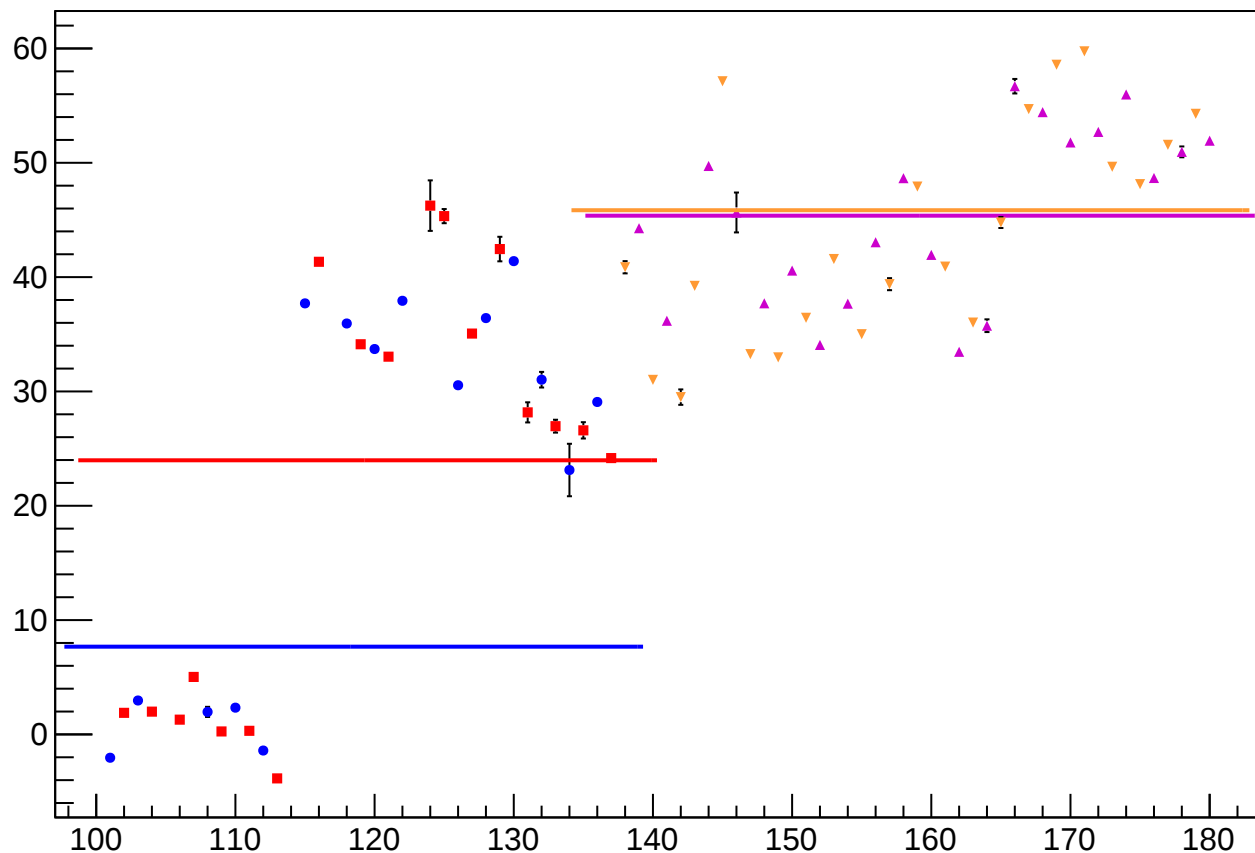
Out: 115.682 $\pm$ 0.008 χ^2/NDF : 3594126.4/39

All: 115.115 $\pm$ 0.006 χ^2/NDF : 7618539.8/75

dit_sam6_4aX_slope vs Slug, Sign Corrected



dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 45.851 ± 0.056 χ^2/NDF : 24903.9/21

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 45.374 ± 0.050 χ^2/NDF : 18717.6/20

Left: 45.587 ± 0.037 χ^2/NDF : 43661.9/42

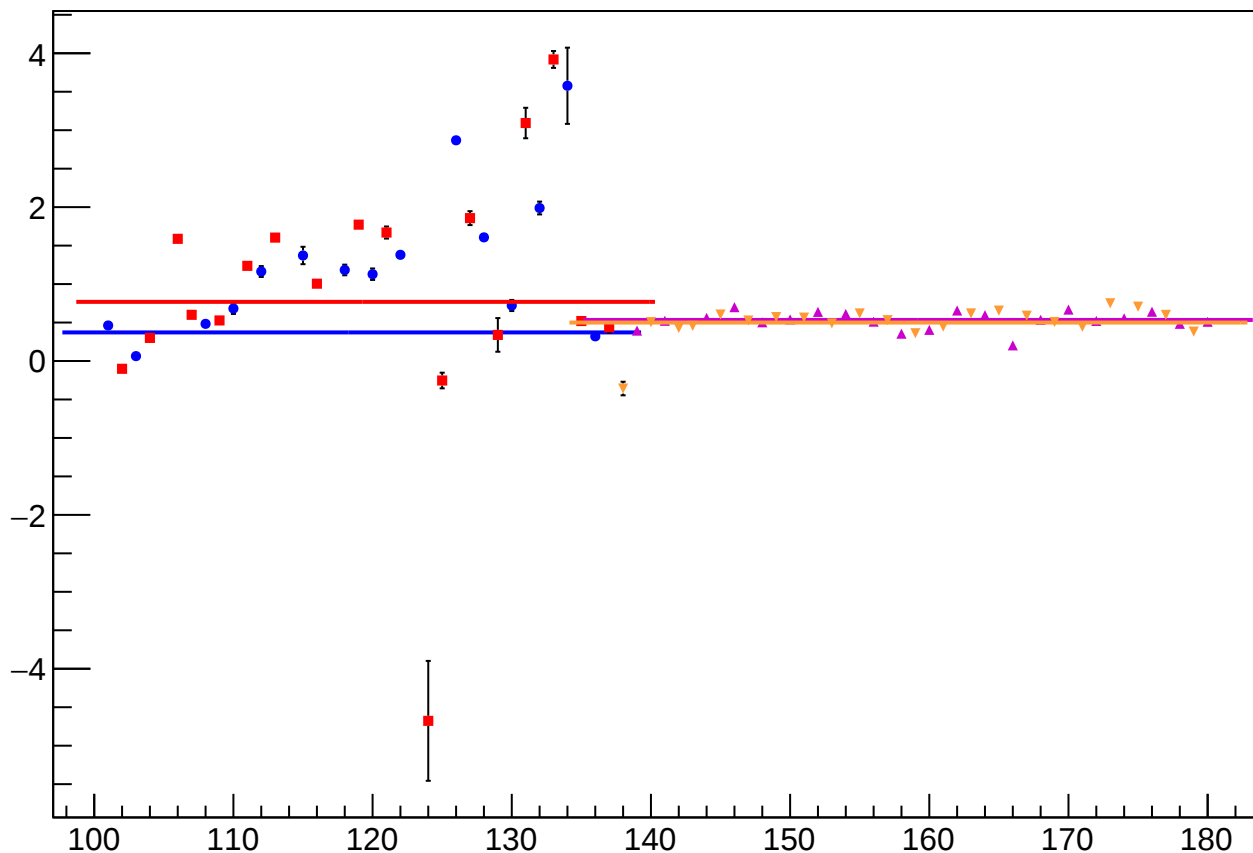
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 24.560 ± 0.034 χ^2/NDF : 426251.9/35

Out: 24.437 ± 0.008 χ^2/NDF : 285644.8/39

All: 24.443 ± 0.008 χ^2/NDF : 711909.5/75

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.500 $\pm$ 0.001 χ^2 /NDF:15043.3/21

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.534 $\pm$ 0.001 χ^2 /NDF:12396.2/20

Left: 0.518 $\pm$ 0.001 χ^2 /NDF: 28079.5/42

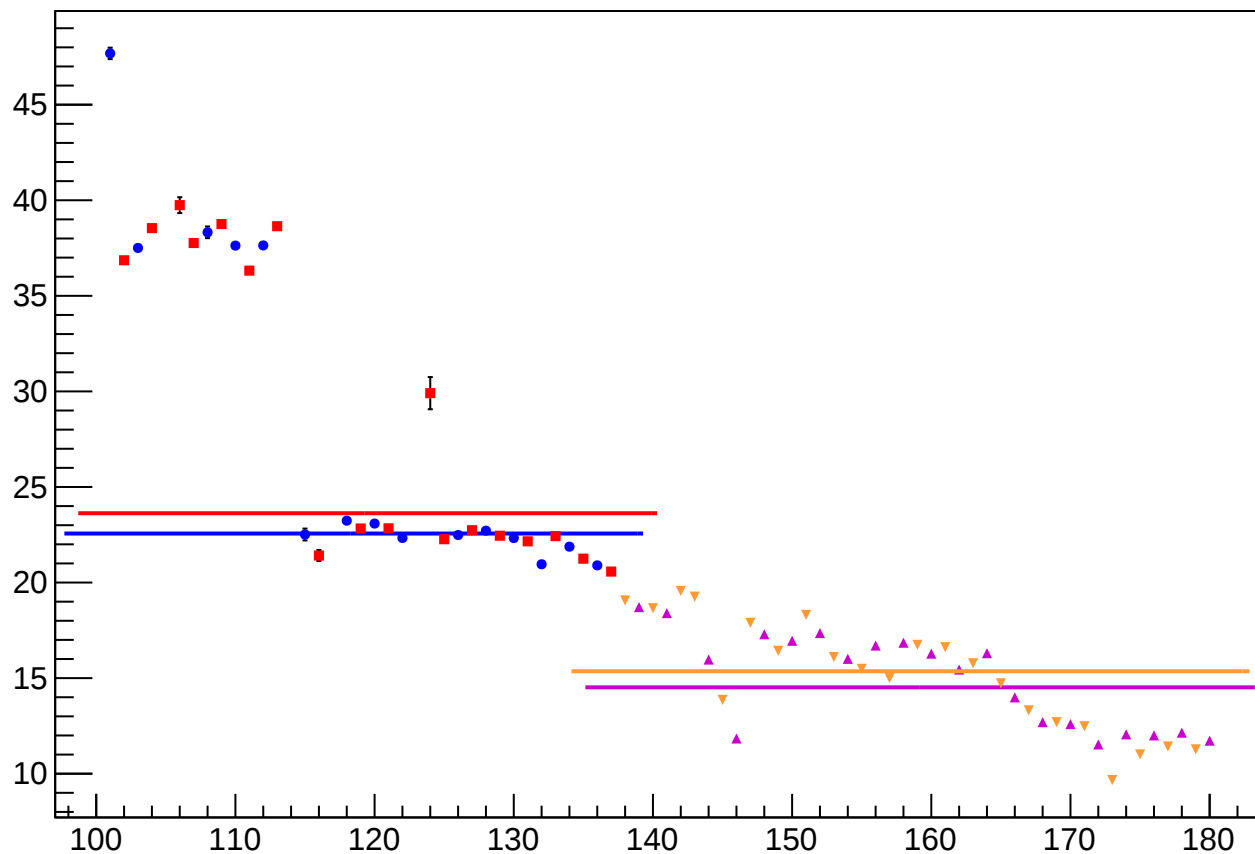
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.527 $\pm$ 0.001 χ^2 /NDF:18470.5/35

Out: 0.505 $\pm$ 0.001 χ^2 /NDF:20654.5/39

All: 0.517 $\pm$ 0.001 χ^2 /NDF: 39401.0/75

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 15.359+/-0.006 χ^2/NDF : 224805.7/21

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 14.518+/-0.006 χ^2/NDF : 191089.1/20

Left: 14.931+/-0.004 χ^2/NDF : 426884.7/42

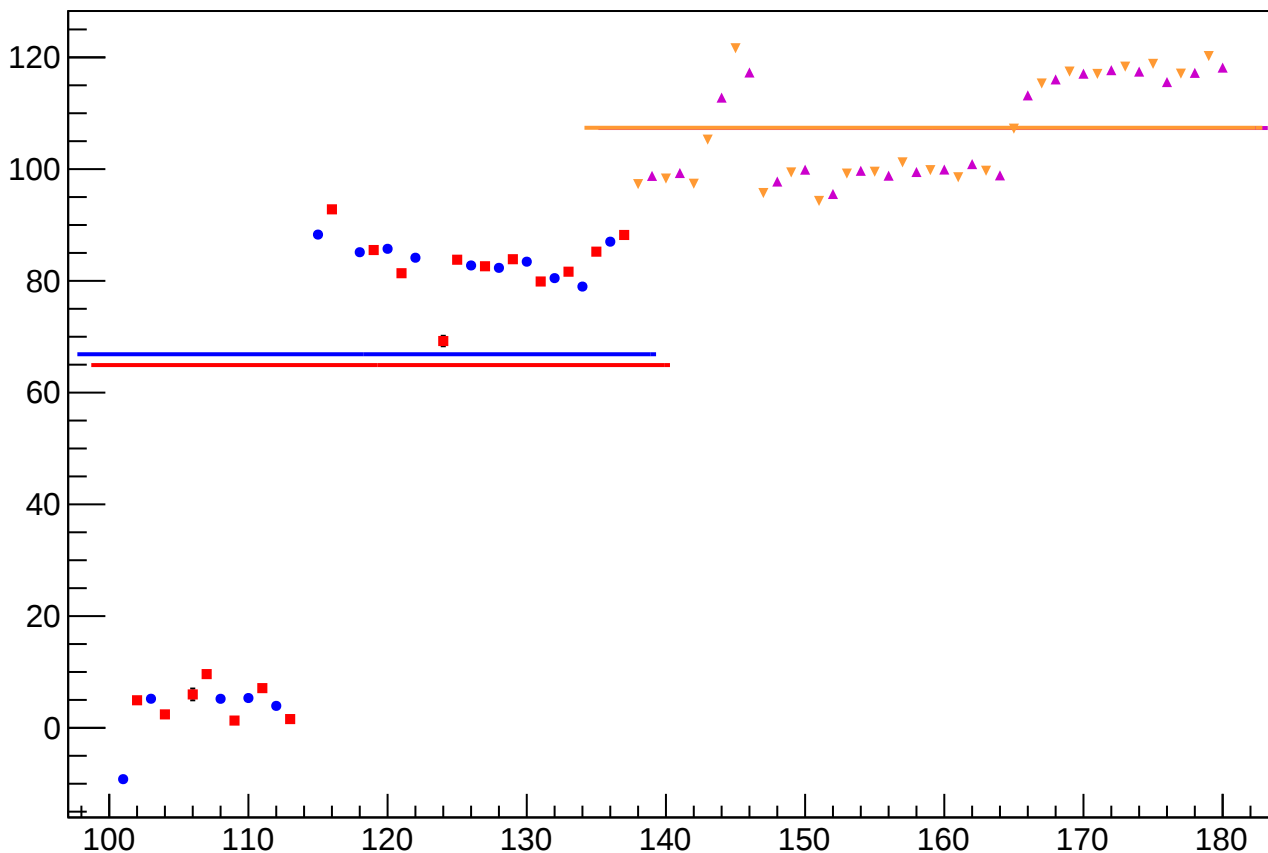
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 16.399+/-0.005 χ^2/NDF : 763339.3/35

Out: 17.067+/-0.005 χ^2/NDF : 778674.5/39

All: 16.721+/-0.004 χ^2/NDF : 1550920.1/75

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 ± 0.027 $\chi^2/\text{NDF}: 1494212.3/14$

Left Out: 107.399 ± 0.010 $\chi^2/\text{NDF}: 867914.3/21$

Right Out: 64.929 ± 0.030 $\chi^2/\text{NDF}: 1334580.7/17$

Left In: 107.355 ± 0.010 $\chi^2/\text{NDF}: 853912.5/20$

Left: 107.376 ± 0.007 $\chi^2/\text{NDF}: 1721837.0/42$

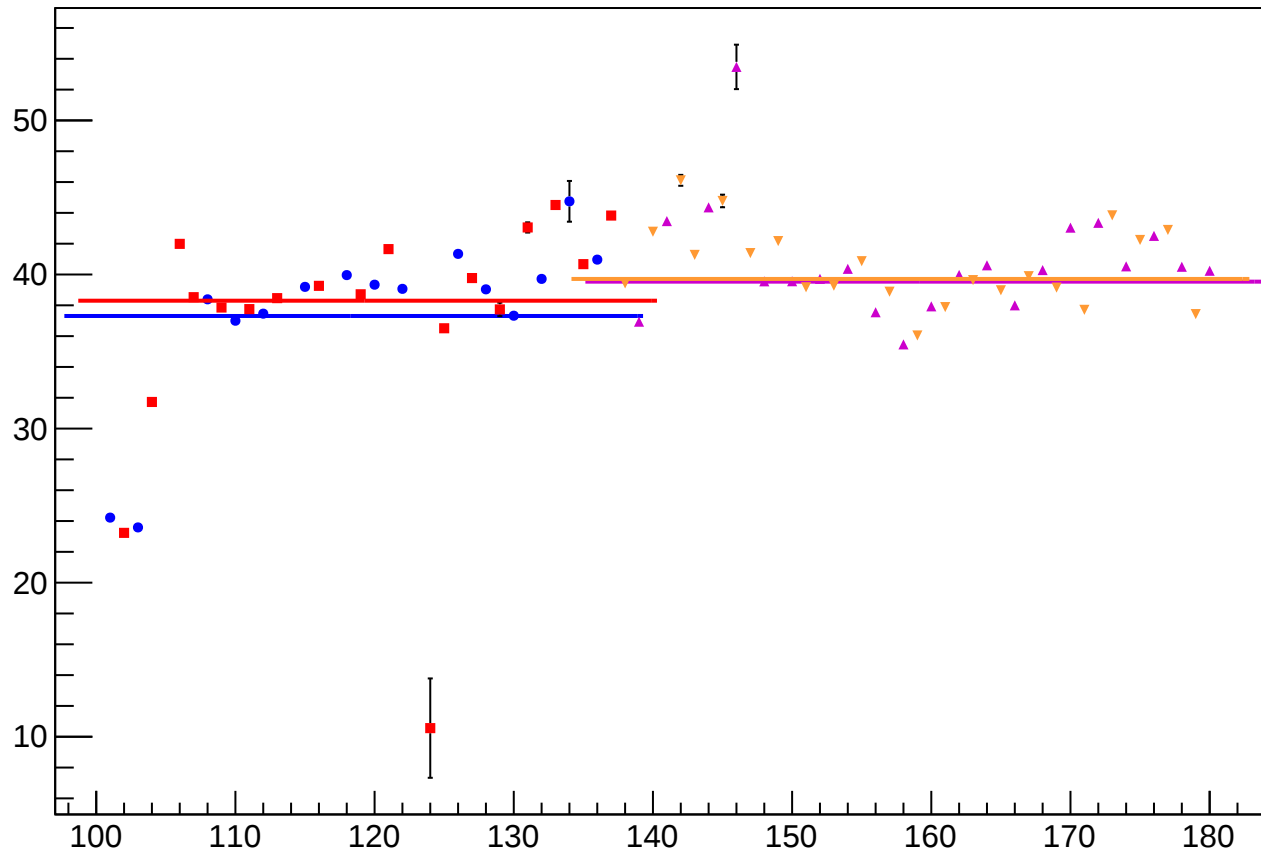
Right: 65.988 ± 0.020 $\chi^2/\text{NDF}: 2831116.5/32$

In: 102.662 ± 0.009 $\chi^2/\text{NDF}: 4327371.4/35$

Out: 102.965 ± 0.010 $\chi^2/\text{NDF}: 4030411.3/39$

All: 102.807 ± 0.007 $\chi^2/\text{NDF}: 8358301.2/75$

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.712 ± 0.028 $\chi^2/\text{NDF}: 6522.3/21$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.536 ± 0.024 $\chi^2/\text{NDF}: 8414.9/20$

Left: 39.609 ± 0.018 $\chi^2/\text{NDF}: 14959.7/42$

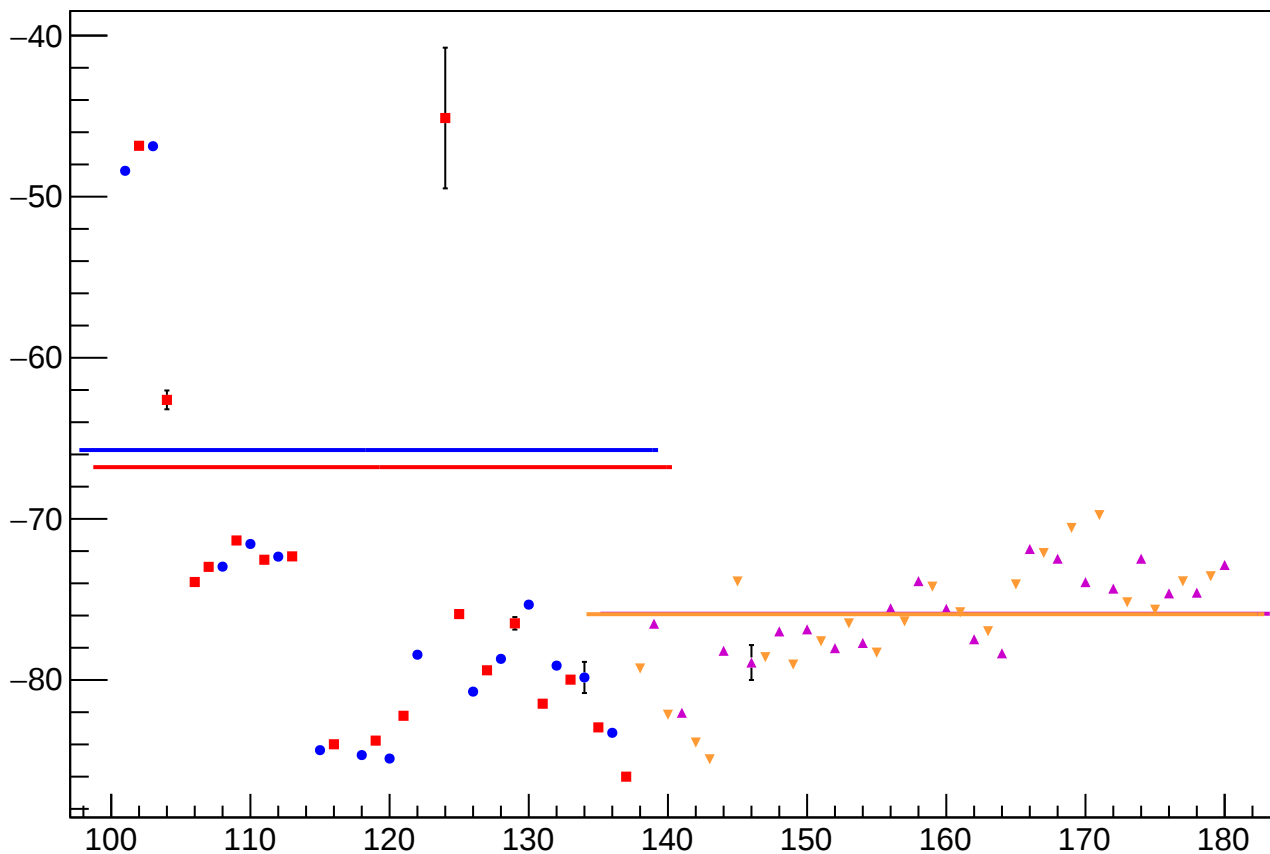
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.387 ± 0.017 $\chi^2/\text{NDF}: 72508.1/35$

Out: 38.782 ± 0.017 $\chi^2/\text{NDF}: 26980.9/39$

All: 38.584 ± 0.012 $\chi^2/\text{NDF}: 99772.3/75$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2/NDF : 903051.8/14

Left Out: -75.916 $\pm$ 0.023 χ^2/NDF : 23359.1/21

Right Out: -66.788 $\pm$ 0.016 χ^2/NDF : 809356.5/17

Left In: -75.886 $\pm$ 0.020 χ^2/NDF : 11925.0/20

Left: -75.899 $\pm$ 0.015 χ^2/NDF : 35285.1/42

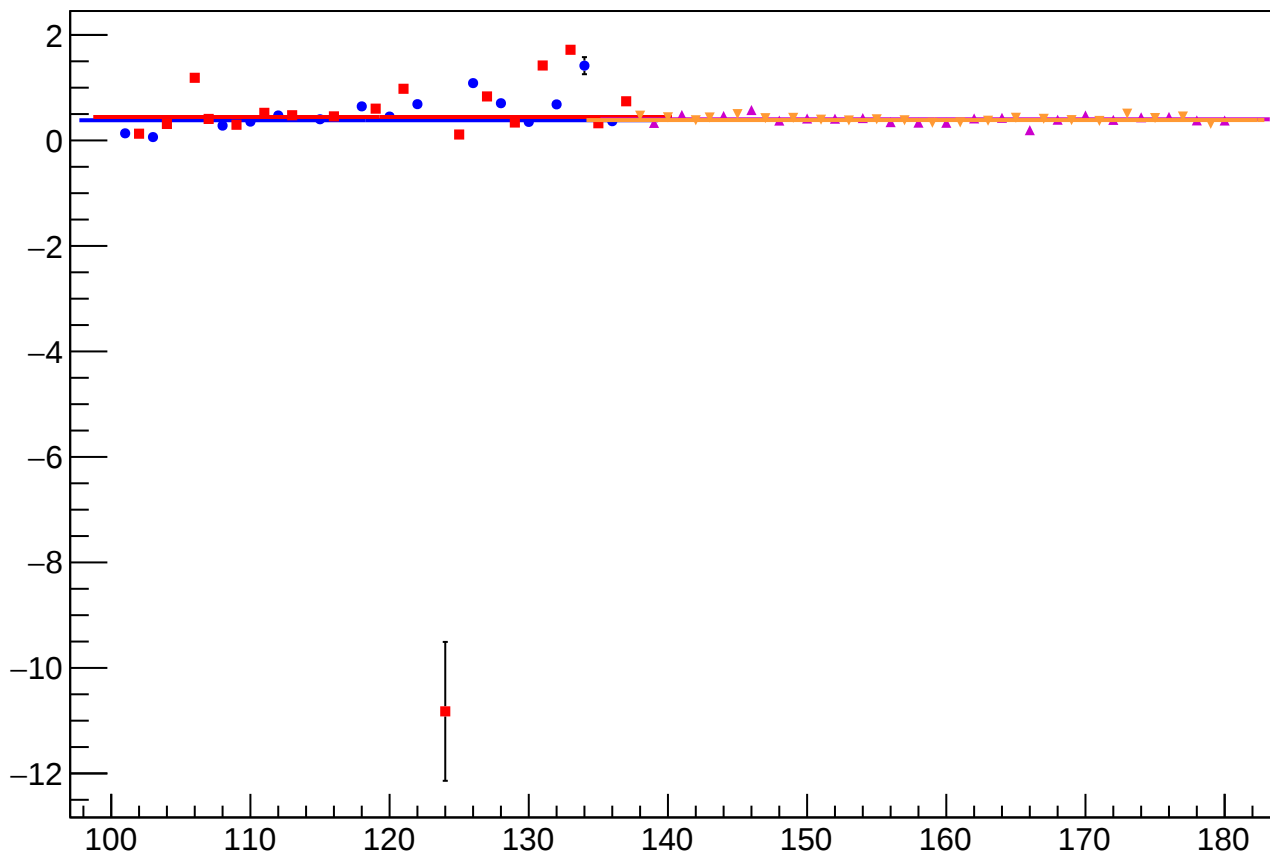
Right: -66.292 $\pm$ 0.012 χ^2/NDF : 1714516.0/32

In: -70.065 $\pm$ 0.013 χ^2/NDF : 1070161.5/35

Out: -69.690 $\pm$ 0.013 χ^2/NDF : 938717.8/39

All: -69.881 $\pm$ 0.009 χ^2/NDF : 2009301.2/75

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.386 $\pm$ 0.000 χ^2 /NDF:10097.6/21

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.401 $\pm$ 0.000 χ^2 /NDF:8517.0/20

Left: 0.394 $\pm$ 0.000 χ^2 /NDF: 19099.6/42

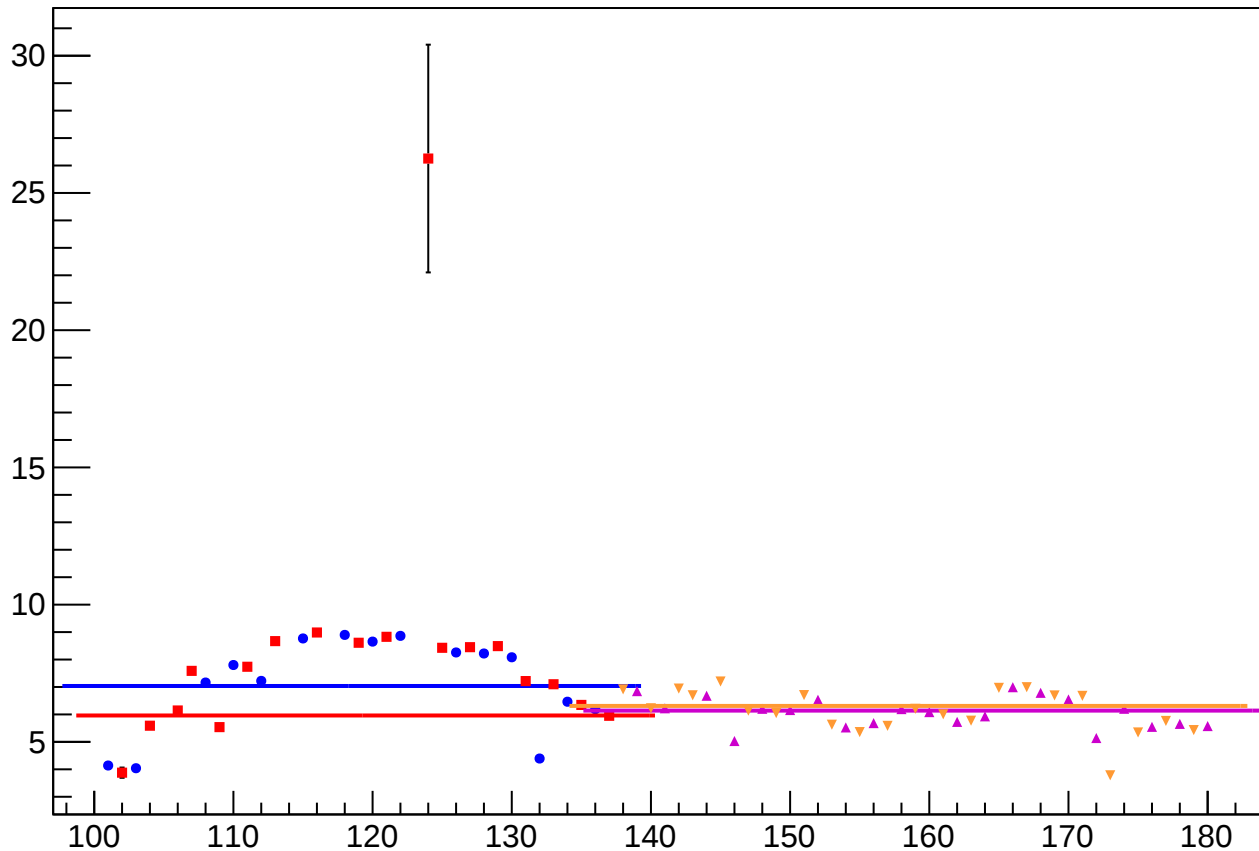
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.400 $\pm$ 0.000 χ^2 /NDF:16778.1/35

Out: 0.387 $\pm$ 0.000 χ^2 /NDF:13130.4/39

All: 0.394 $\pm$ 0.000 χ^2 /NDF: 30283.5/75

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.310 $\pm$ 0.002 χ^2 /NDF: 88388.0/21

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.140 $\pm$ 0.002 χ^2 /NDF: 52250.9/20

Left: 6.221 $\pm$ 0.001 χ^2 /NDF: 146655.1/42

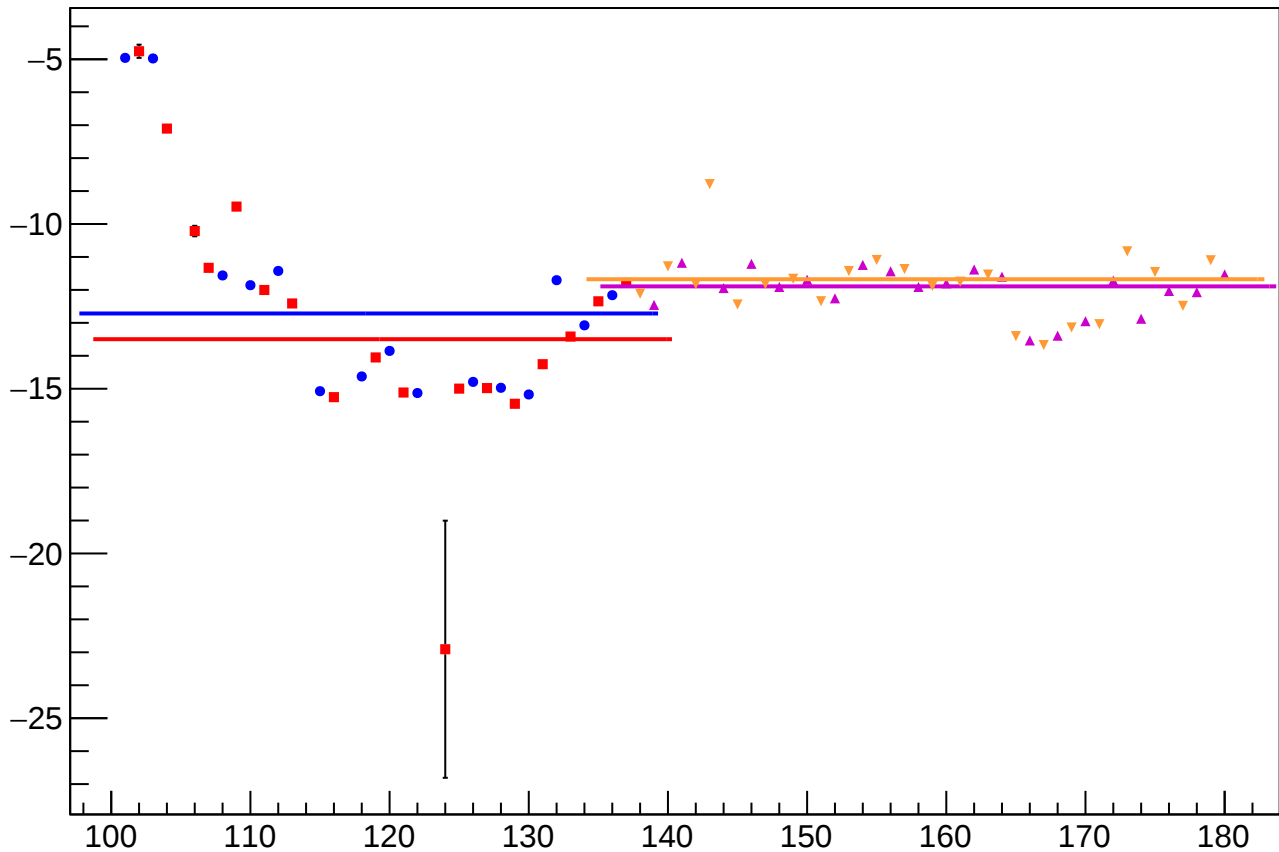
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.230 $\pm$ 0.001 χ^2 /NDF: 157494.0/35

Out: 5.983 $\pm$ 0.000 χ^2 /NDF: 301695.4/39

All: 6.001 $\pm$ 0.000 χ^2 /NDF: 486606.9/75

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.676 $\pm$ 0.002 χ^2 /NDF: 341272.8/21

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.893 $\pm$ 0.002 χ^2 /NDF: 64717.1/20

Left: -11.786 $\pm$ 0.002 χ^2 /NDF: 411146.8/42

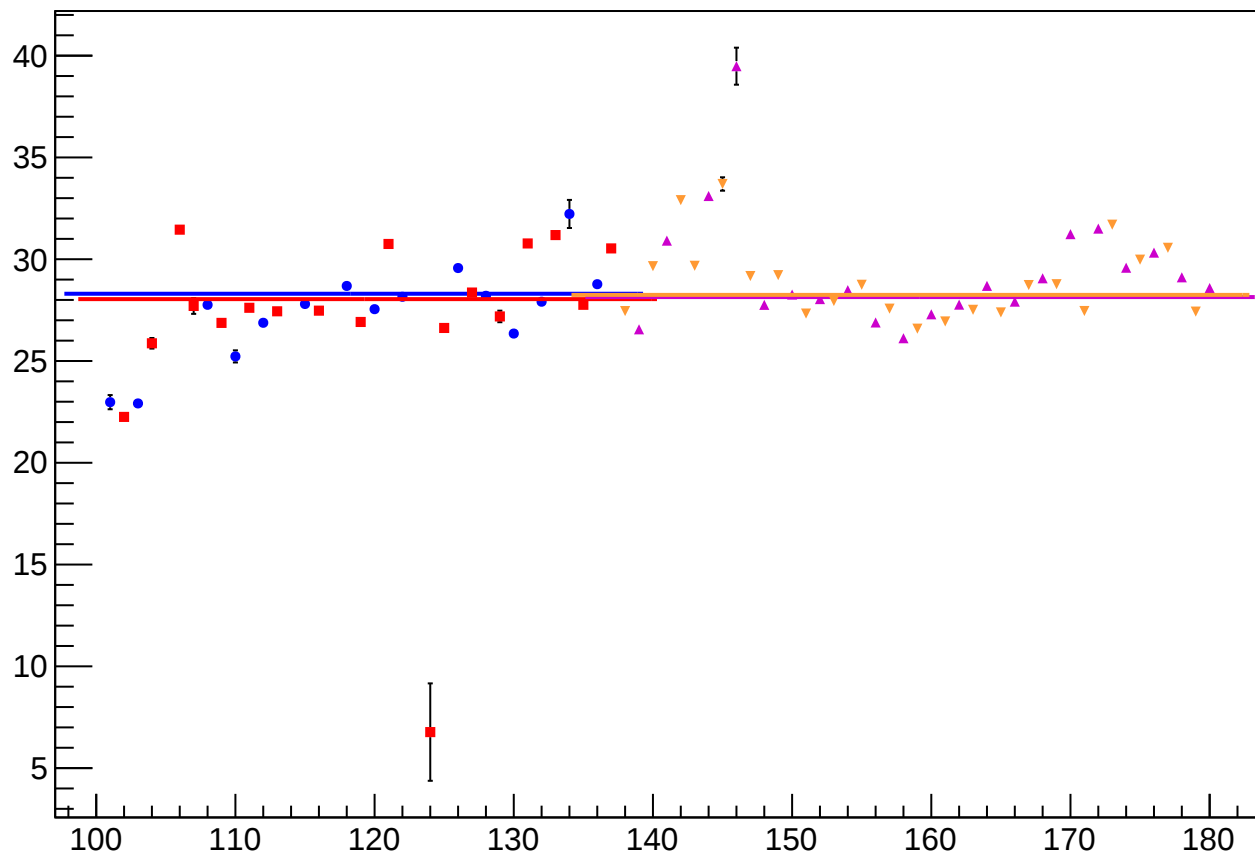
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.974 $\pm$ 0.002 χ^2 /NDF: 164918.7/35

Out: -11.895 $\pm$ 0.002 χ^2 /NDF: 483268.1/39

All: -11.935 $\pm$ 0.001 χ^2 /NDF: 648955.8/75

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.248 $\pm$ 0.018 χ^2 /NDF: 6510.7/21

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.141 $\pm$ 0.015 χ^2 /NDF: 8717.2/20

Left: 28.185 $\pm$ 0.012 χ^2 /NDF: 15248.7/42

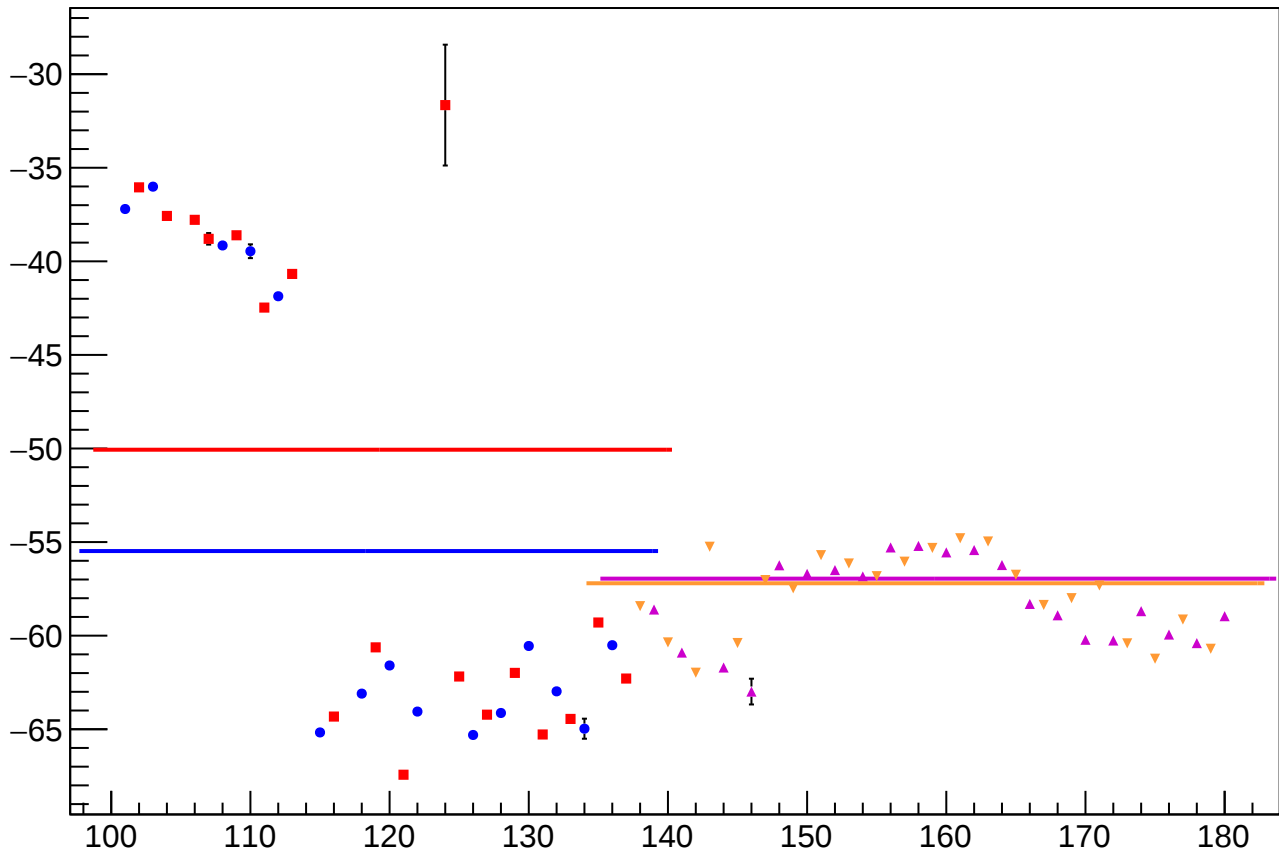
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.189 $\pm$ 0.013 χ^2 /NDF: 12152.3/35

Out: 28.194 $\pm$ 0.015 χ^2 /NDF: 9107.0/39

All: 28.191 $\pm$ 0.010 χ^2 /NDF: 21259.4/75

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -57.201 ± 0.015 $\chi^2/\text{NDF}: 20470.7/21$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.954 ± 0.013 $\chi^2/\text{NDF}: 16852.9/20$

Left: -57.061 ± 0.010 $\chi^2/\text{NDF}: 37482.0/42$

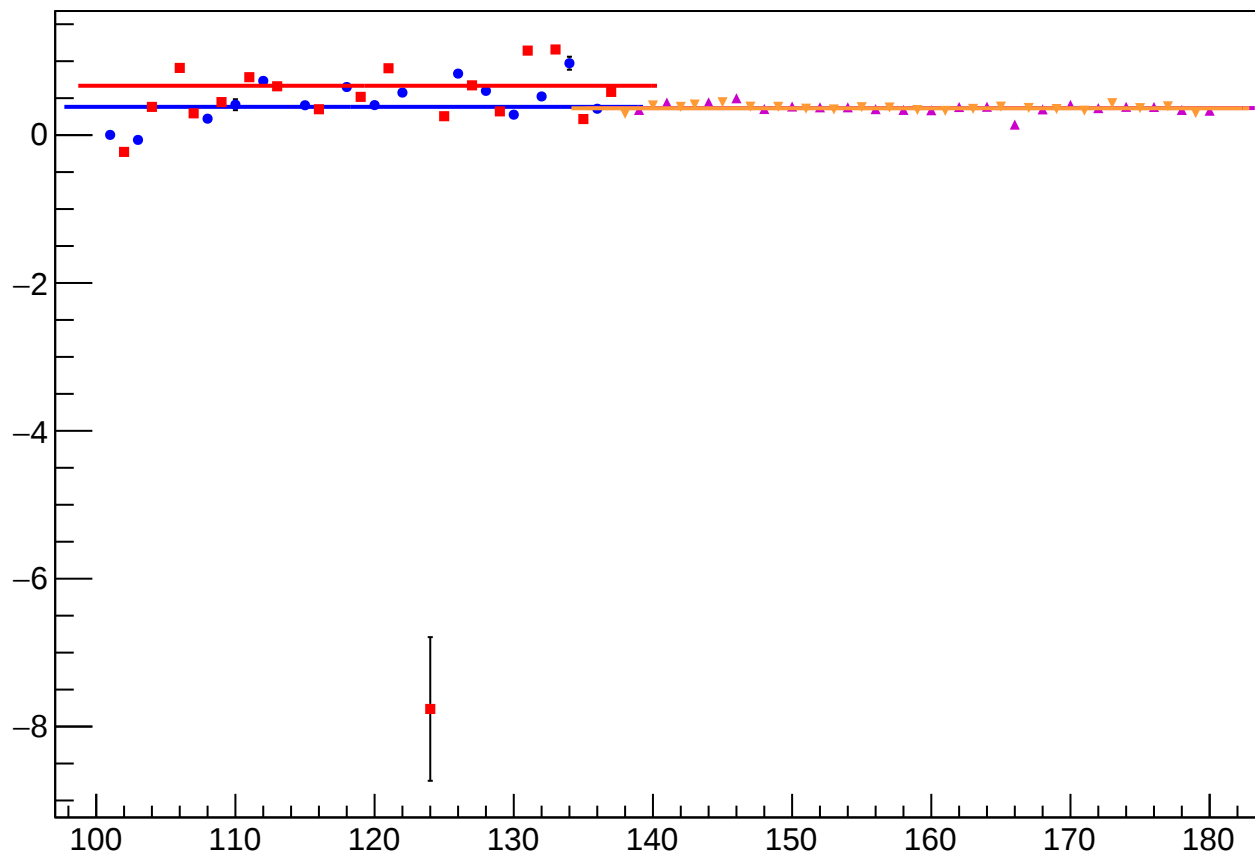
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.399 ± 0.010 $\chi^2/\text{NDF}: 616931.7/35$

Out: -55.124 ± 0.012 $\chi^2/\text{NDF}: 428066.9/39$

All: -55.890 ± 0.008 $\chi^2/\text{NDF}: 1051277.3/75$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.363 $\pm$ 0.000 χ^2 /NDF:7941.0/21

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.366 $\pm$ 0.000 χ^2 /NDF:6039.4/20

Left: 0.365 $\pm$ 0.000 χ^2 /NDF: 14016.6/42

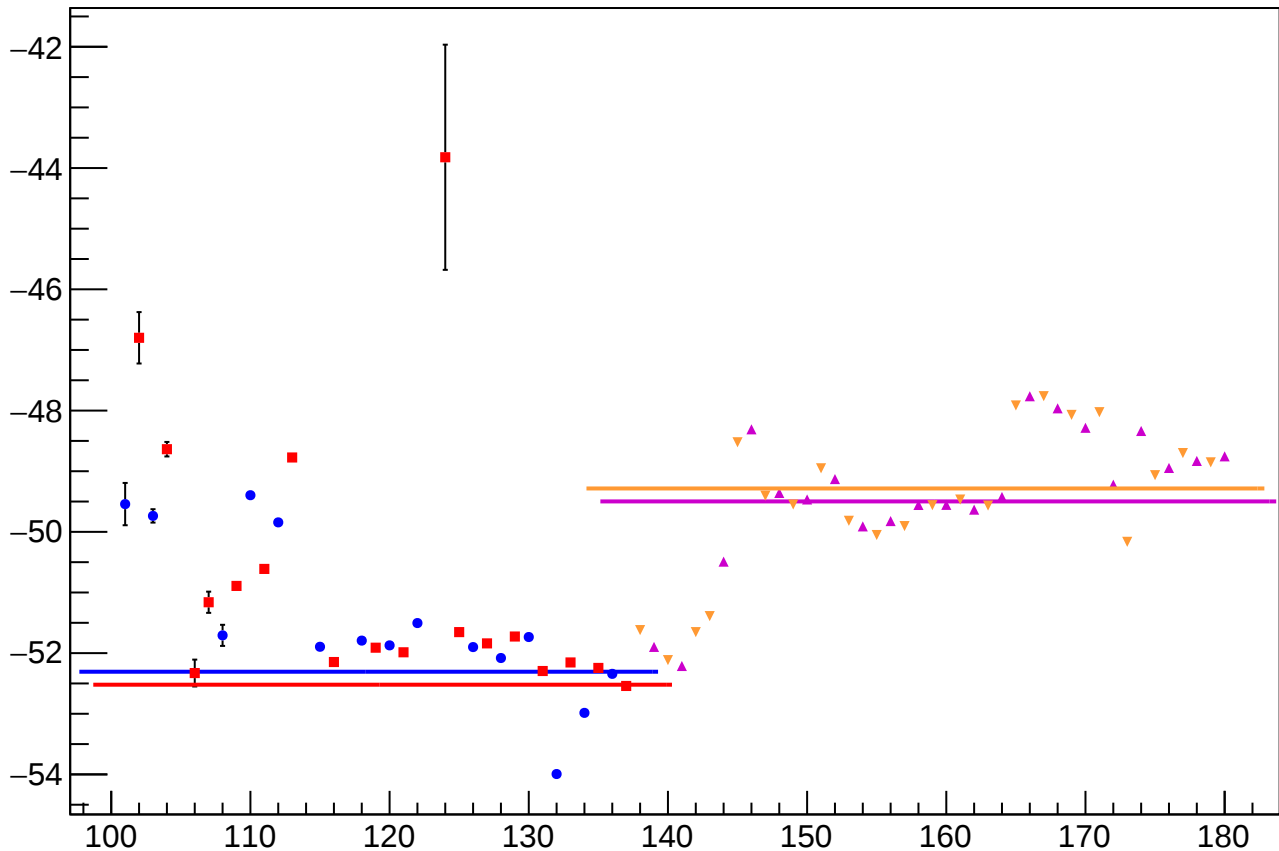
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.367 $\pm$ 0.000 χ^2 /NDF:10733.7/35

Out: 0.365 $\pm$ 0.000 χ^2 /NDF:15990.3/39

All: 0.366 $\pm$ 0.000 χ^2 /NDF: 26739.7/75

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.284 $\pm$ 0.001 χ^2 /NDF: 509755.5/21

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.498 $\pm$ 0.001 χ^2 /NDF: 428930.9/20

Left: -49.390 $\pm$ 0.001 χ^2 /NDF: 950232.9/42

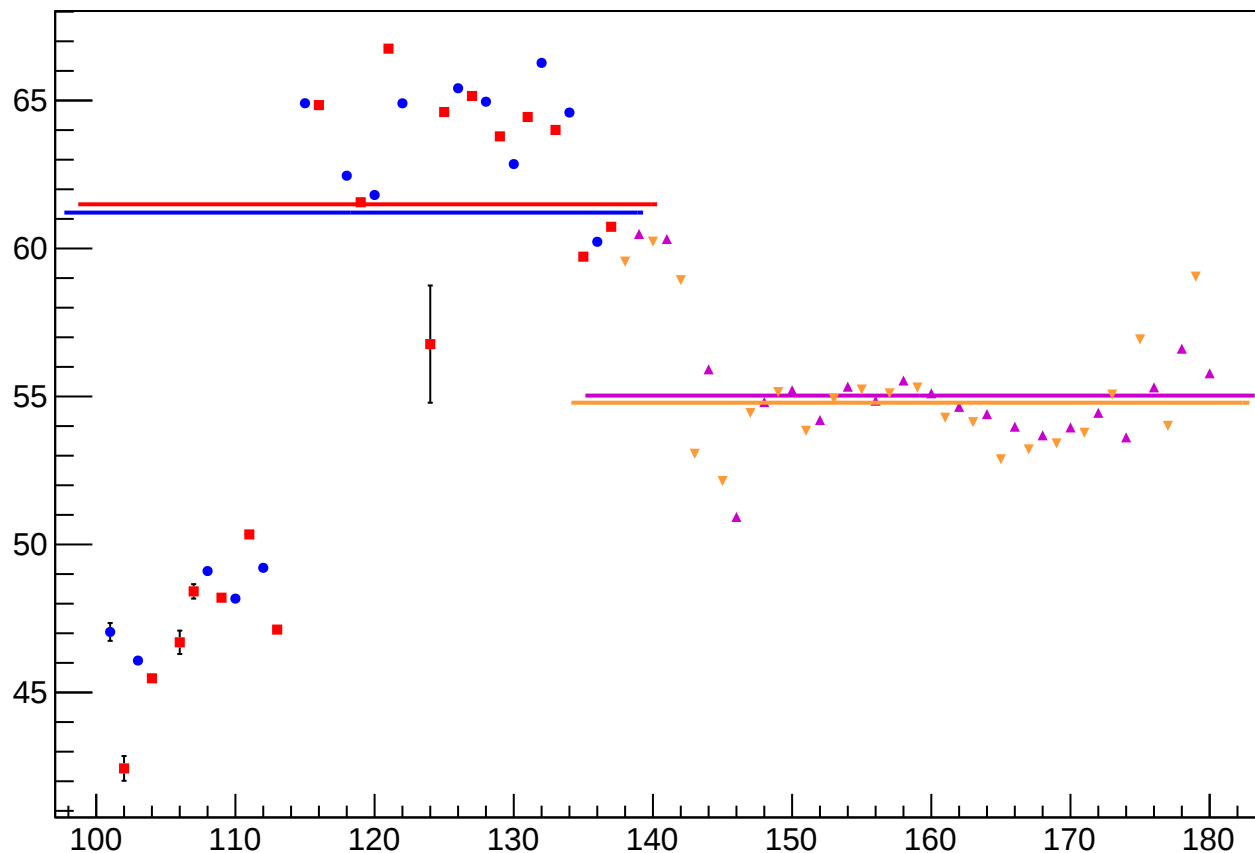
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.826 $\pm$ 0.001 χ^2 /NDF: 917040.6/35

Out: -51.282 $\pm$ 0.001 χ^2 /NDF: 3820003.0/39

All: -50.846 $\pm$ 0.001 χ^2 /NDF: 5581604.4/75

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 54.791 ± 0.003 $\chi^2/\text{NDF}: 264132.5/21$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.030 ± 0.003 $\chi^2/\text{NDF}: 82538.8/20$

Left: 54.923 ± 0.002 $\chi^2/\text{NDF}: 349799.9/42$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.507 ± 0.003 $\chi^2/\text{NDF}: 597105.0/35$

Out: 56.019 ± 0.003 $\chi^2/\text{NDF}: 1320706.6/39$

All: 55.753 ± 0.002 $\chi^2/\text{NDF}: 1934340.6/75$

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

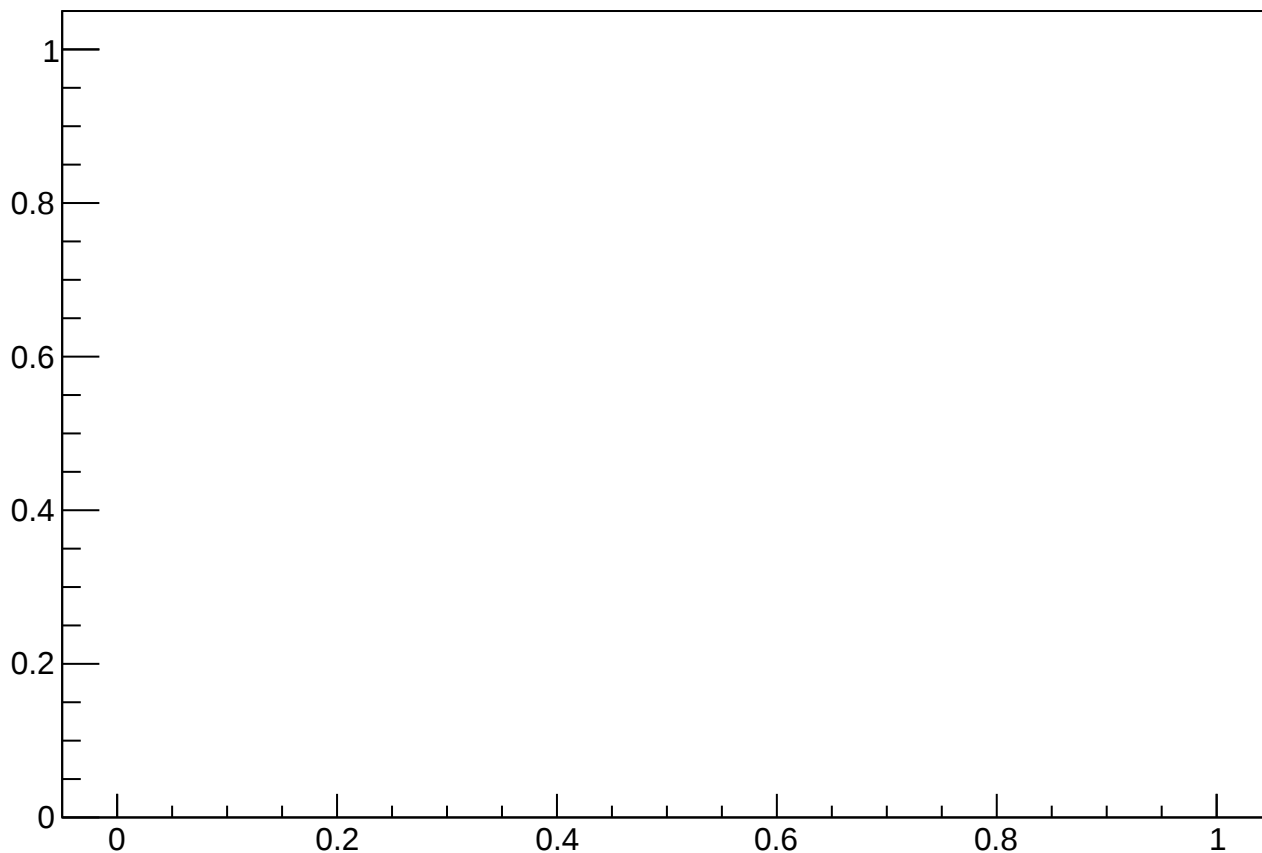
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

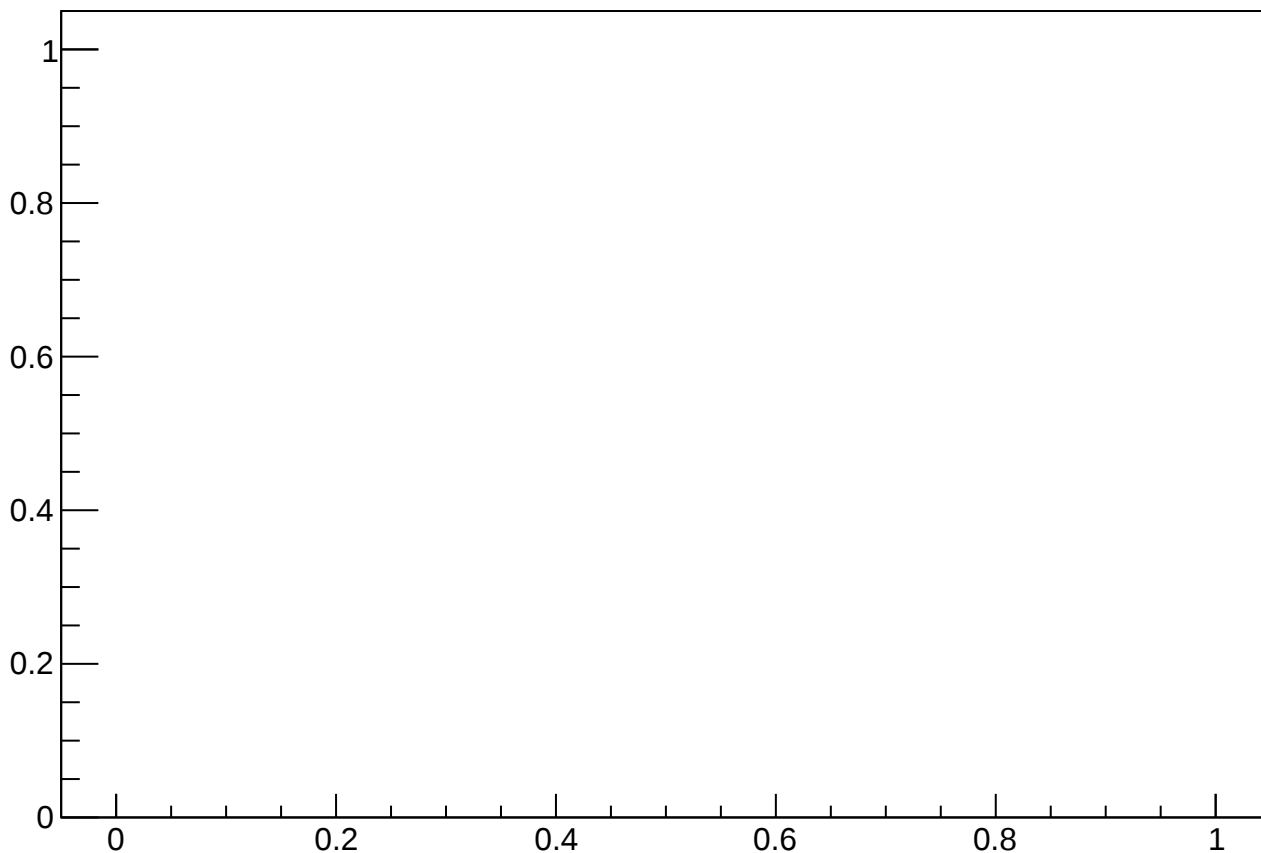
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

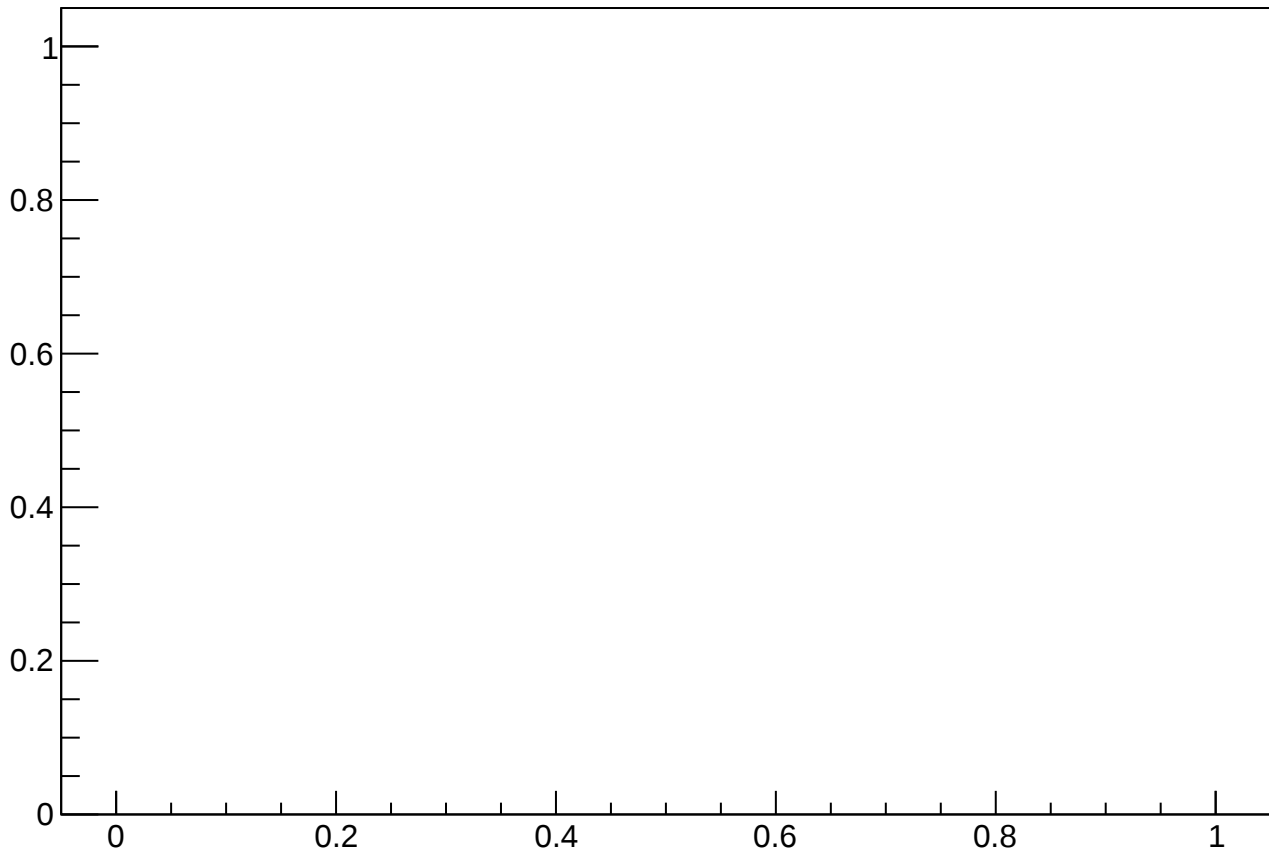
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

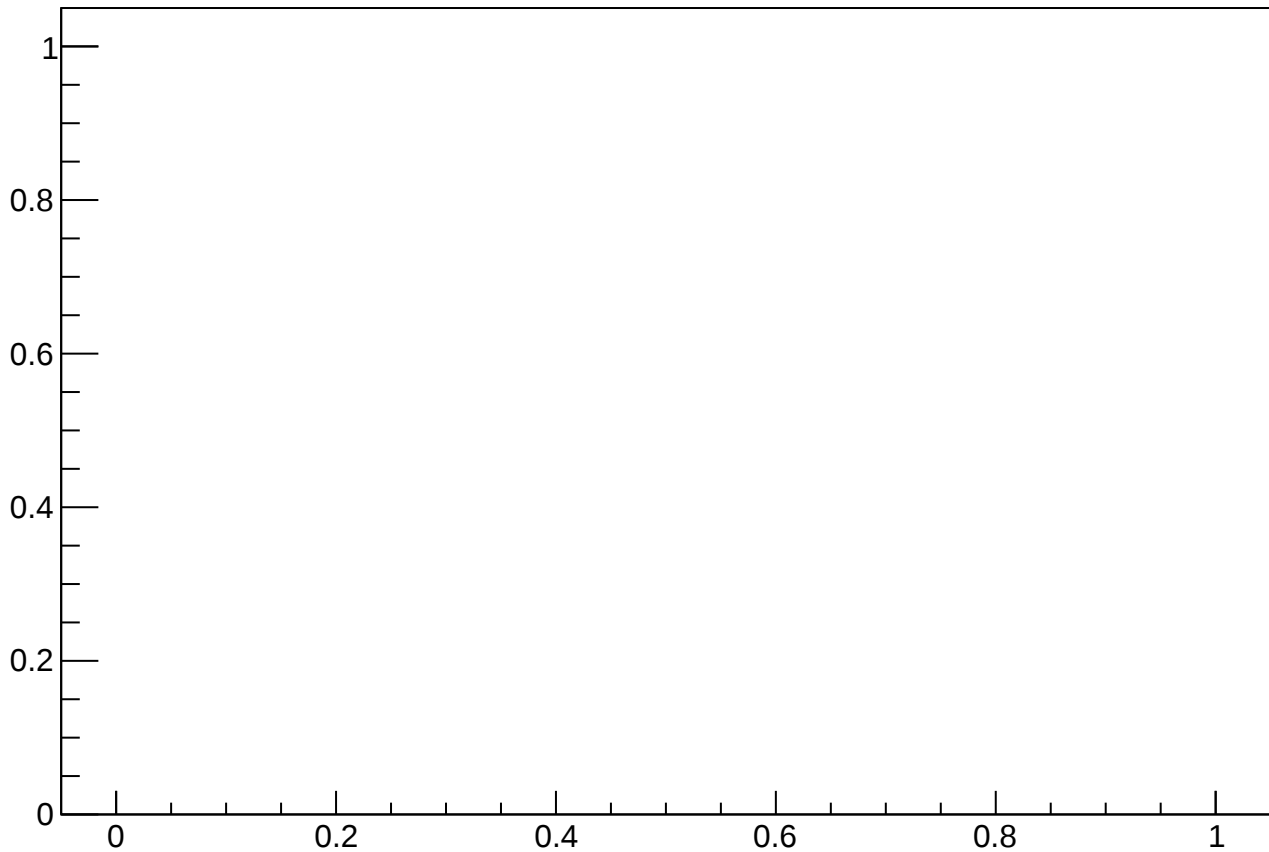
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

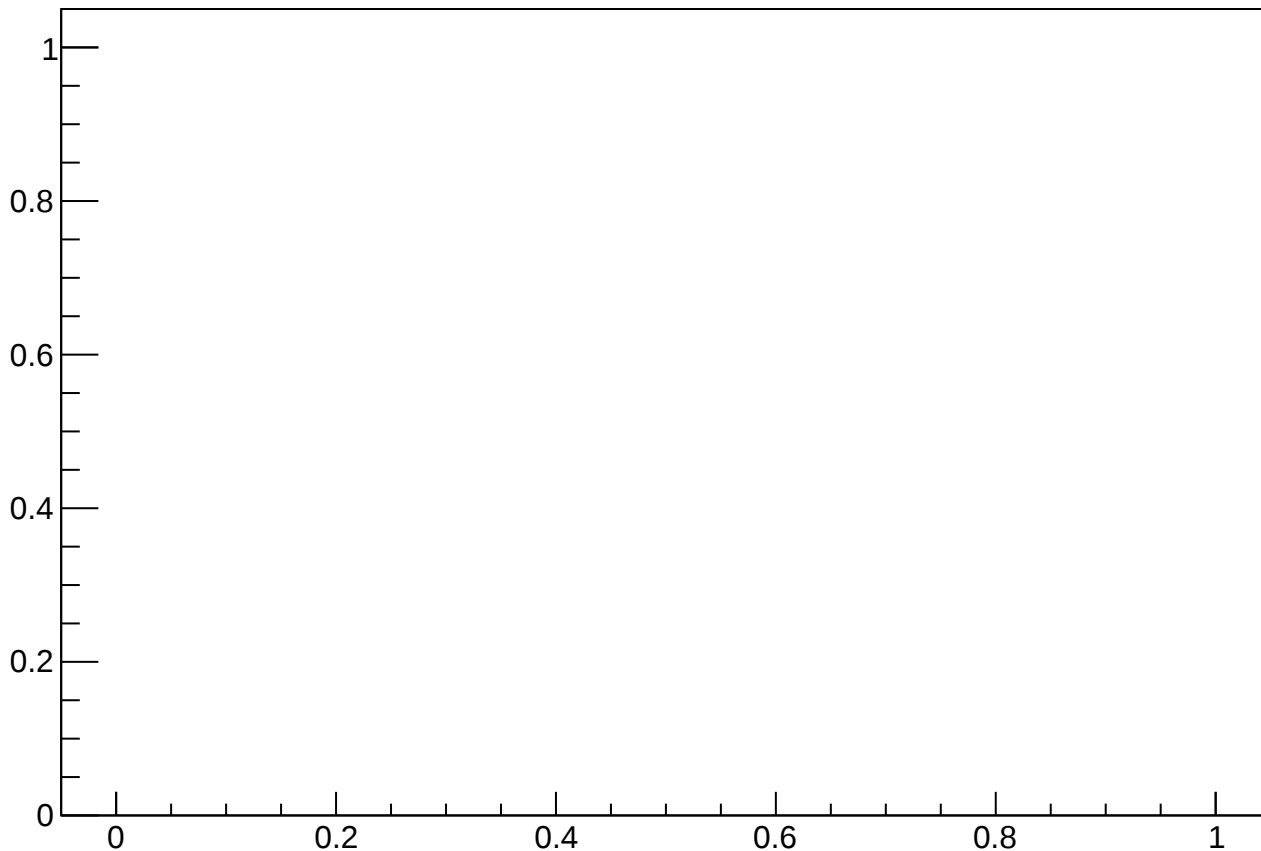
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

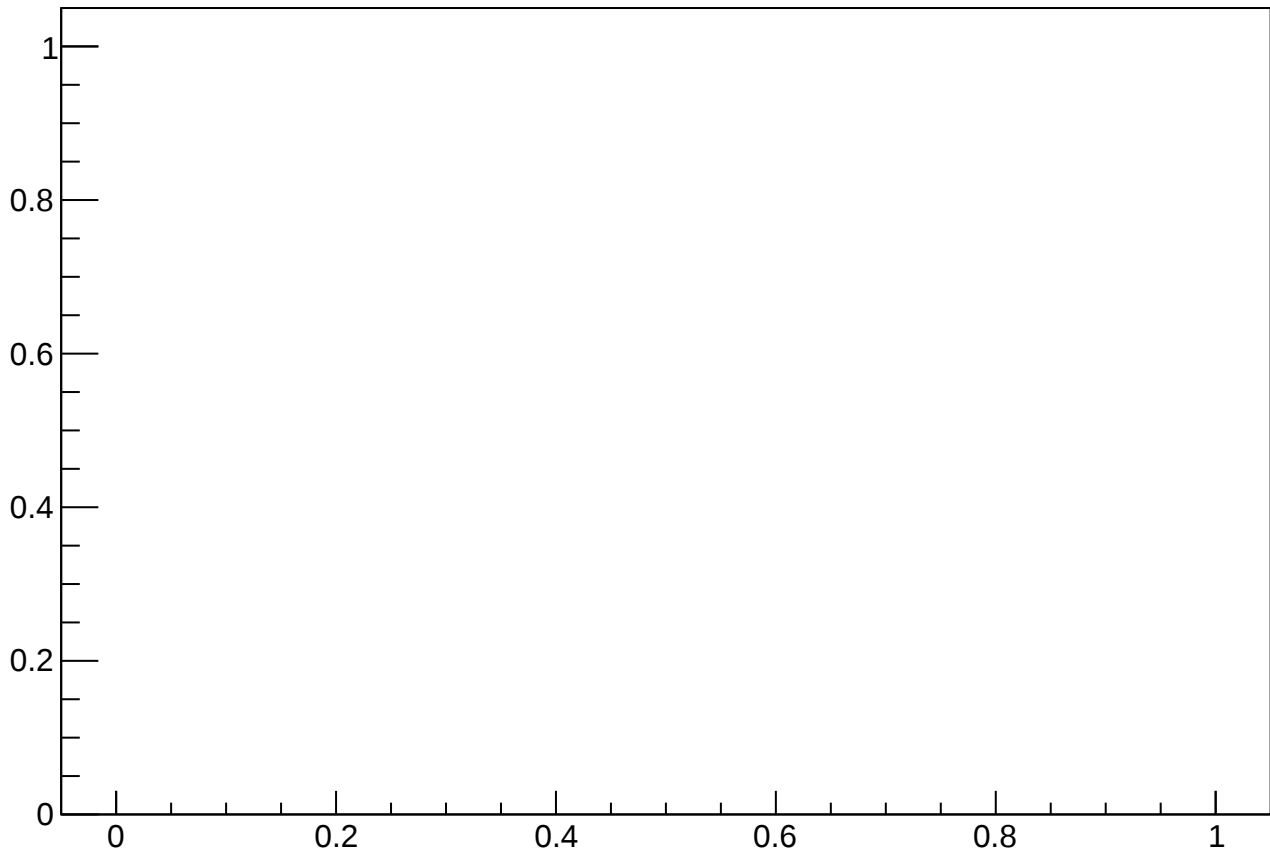
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

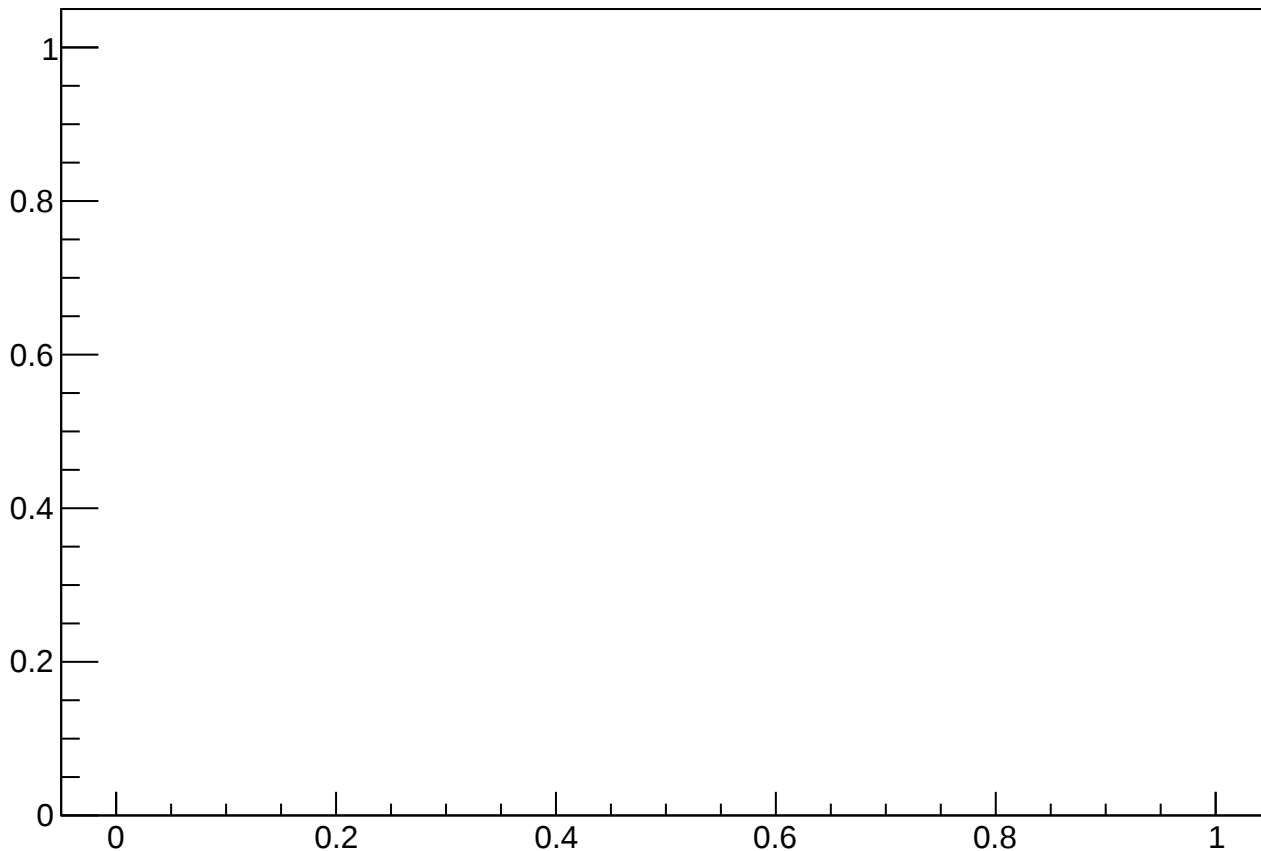
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

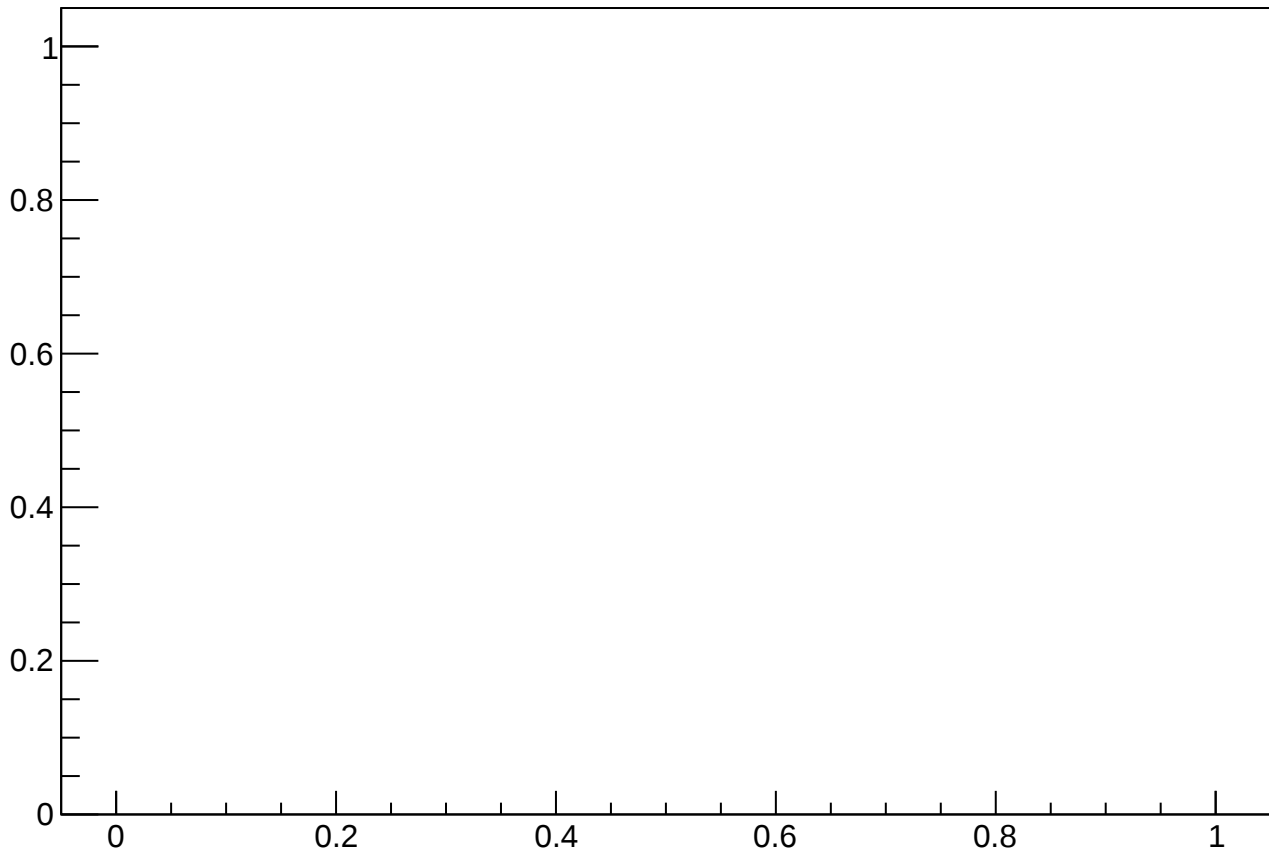
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

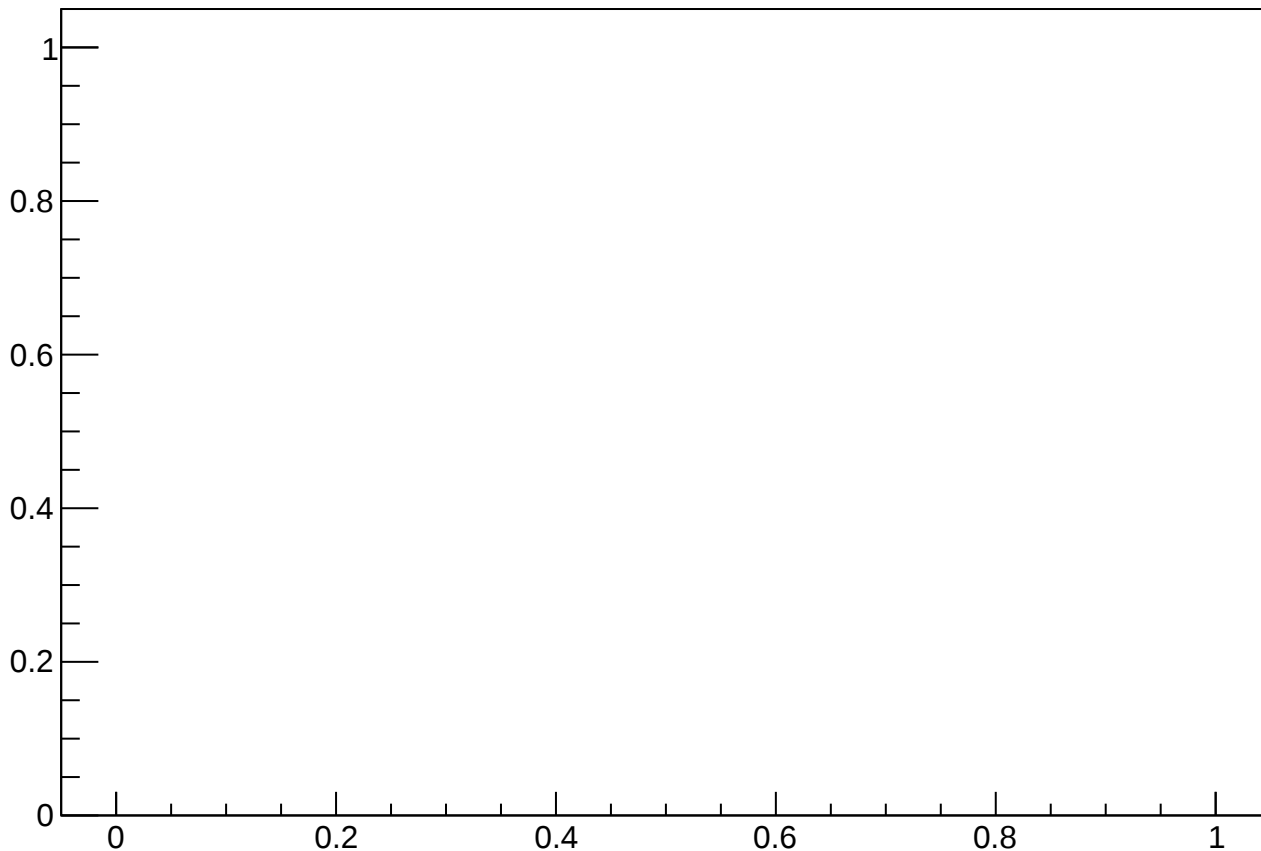
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

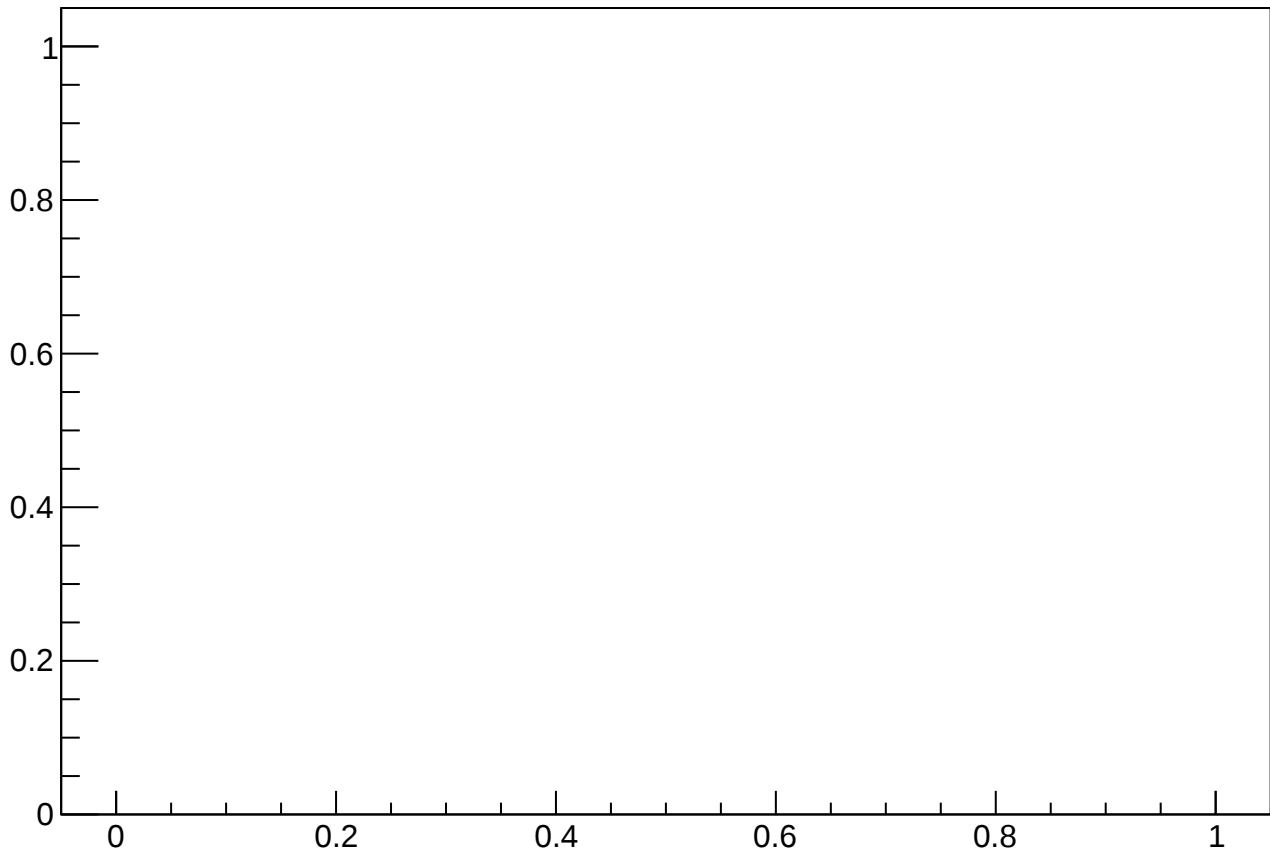
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

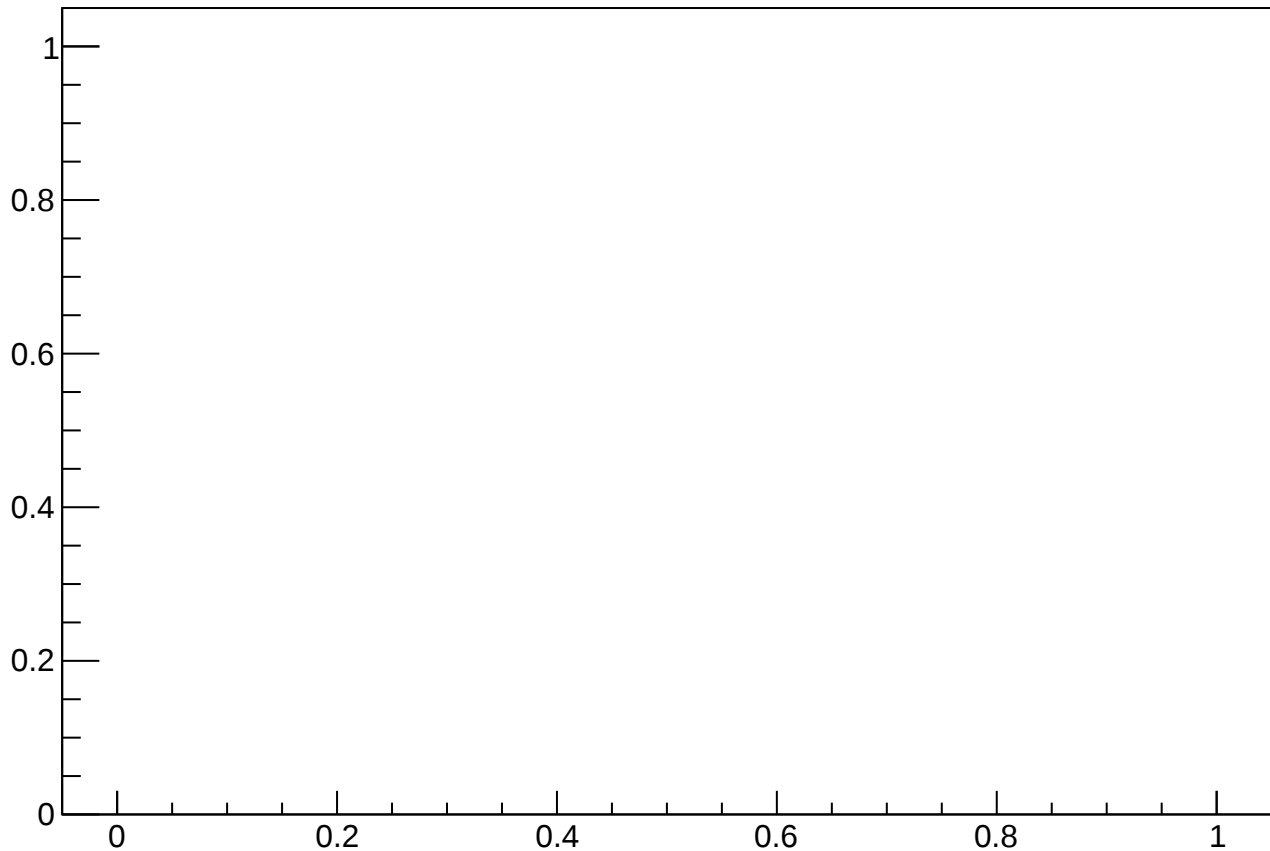
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_sam6_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

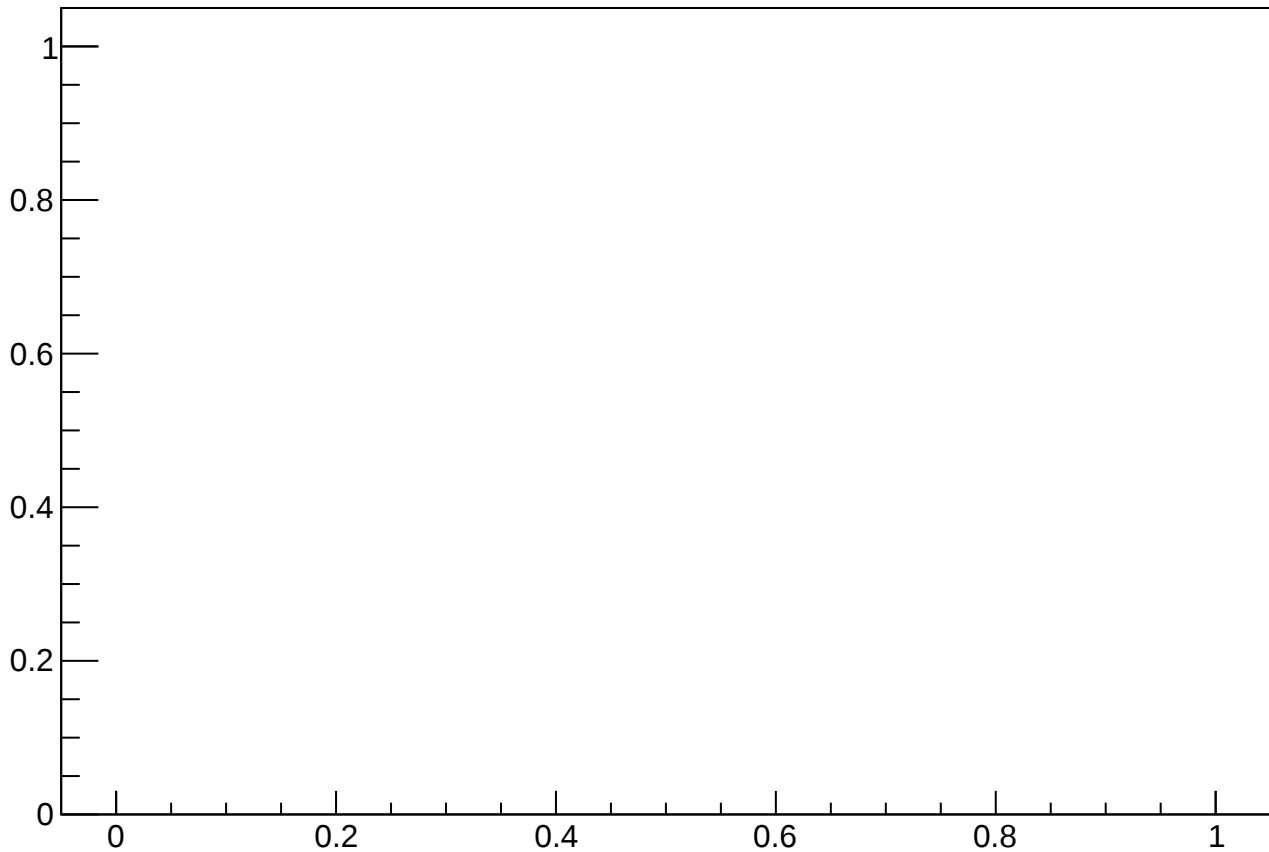
dit_4aX_coil7_mean vs Slug, Sign Corrected



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

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

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

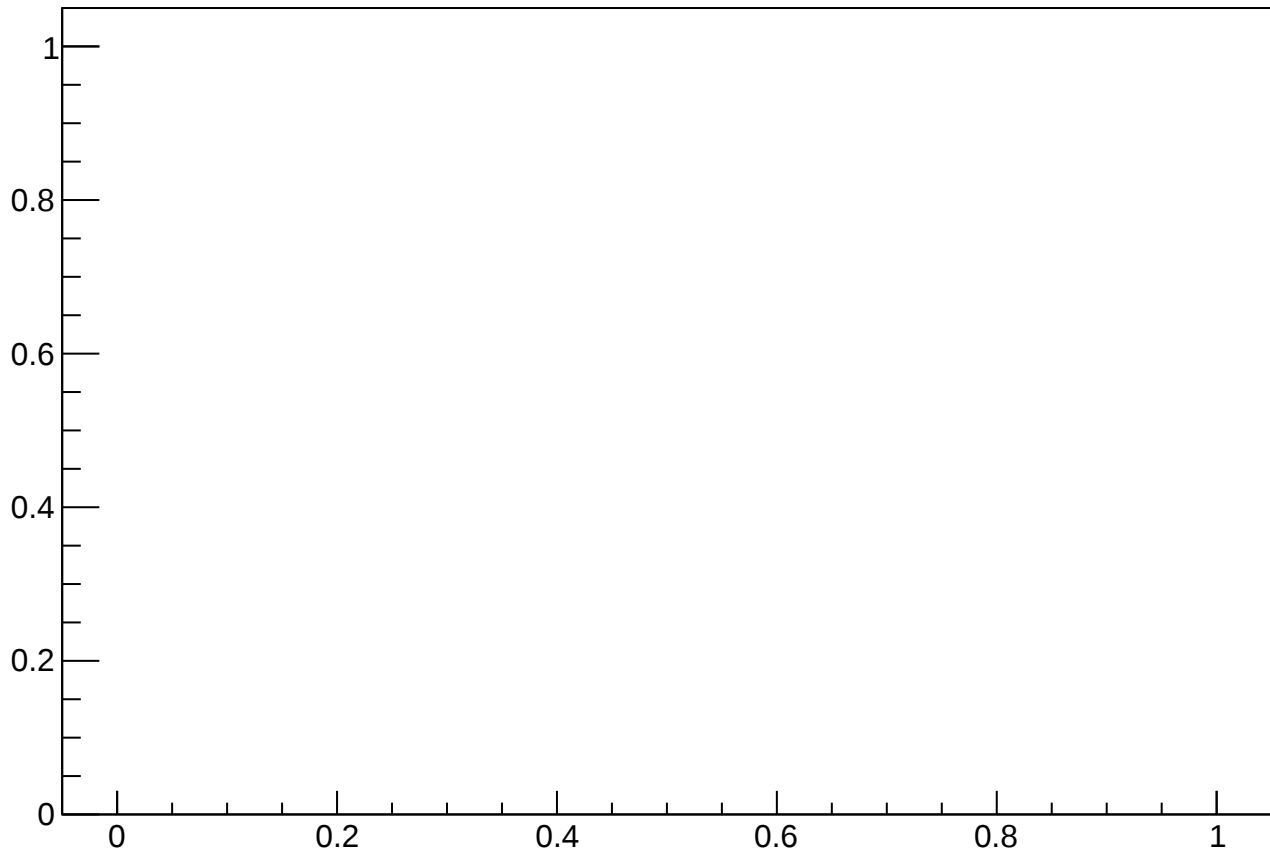
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

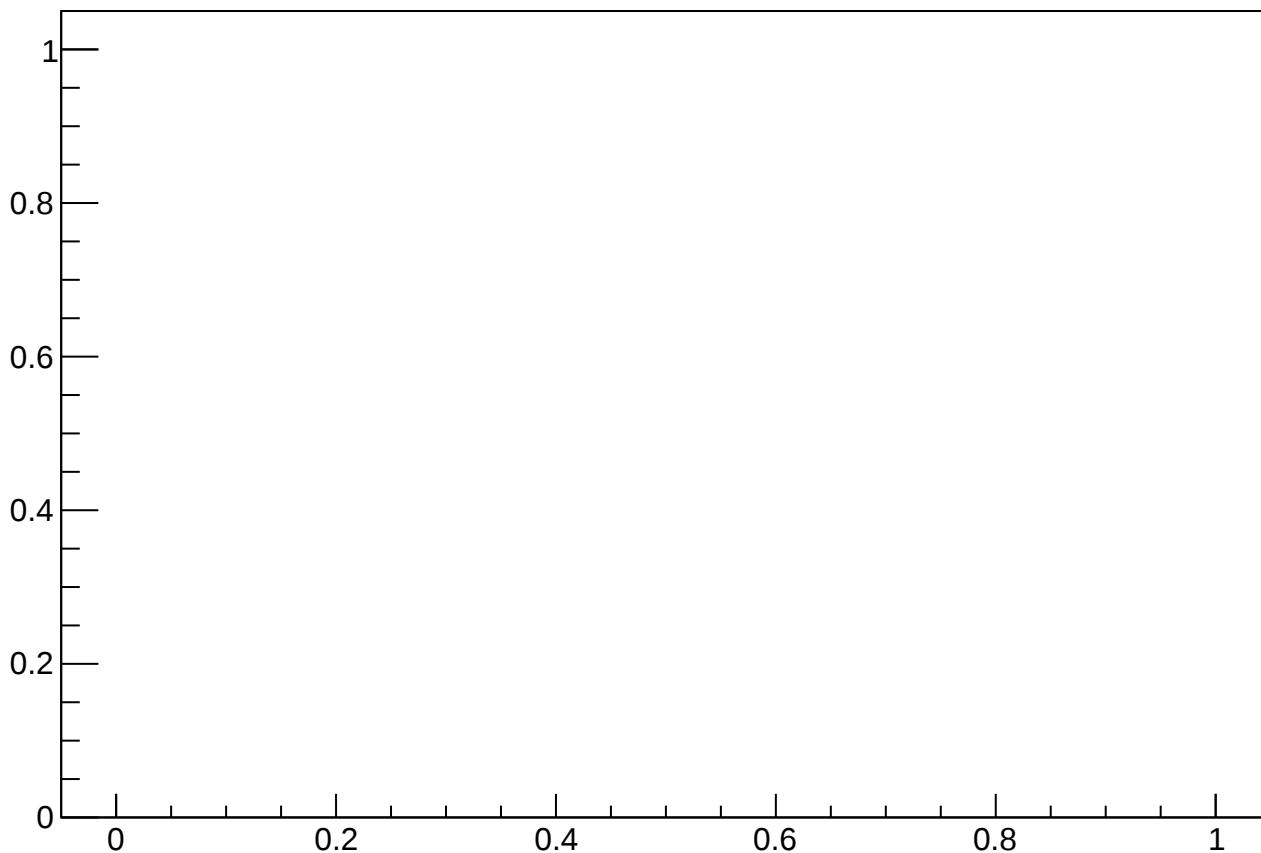
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

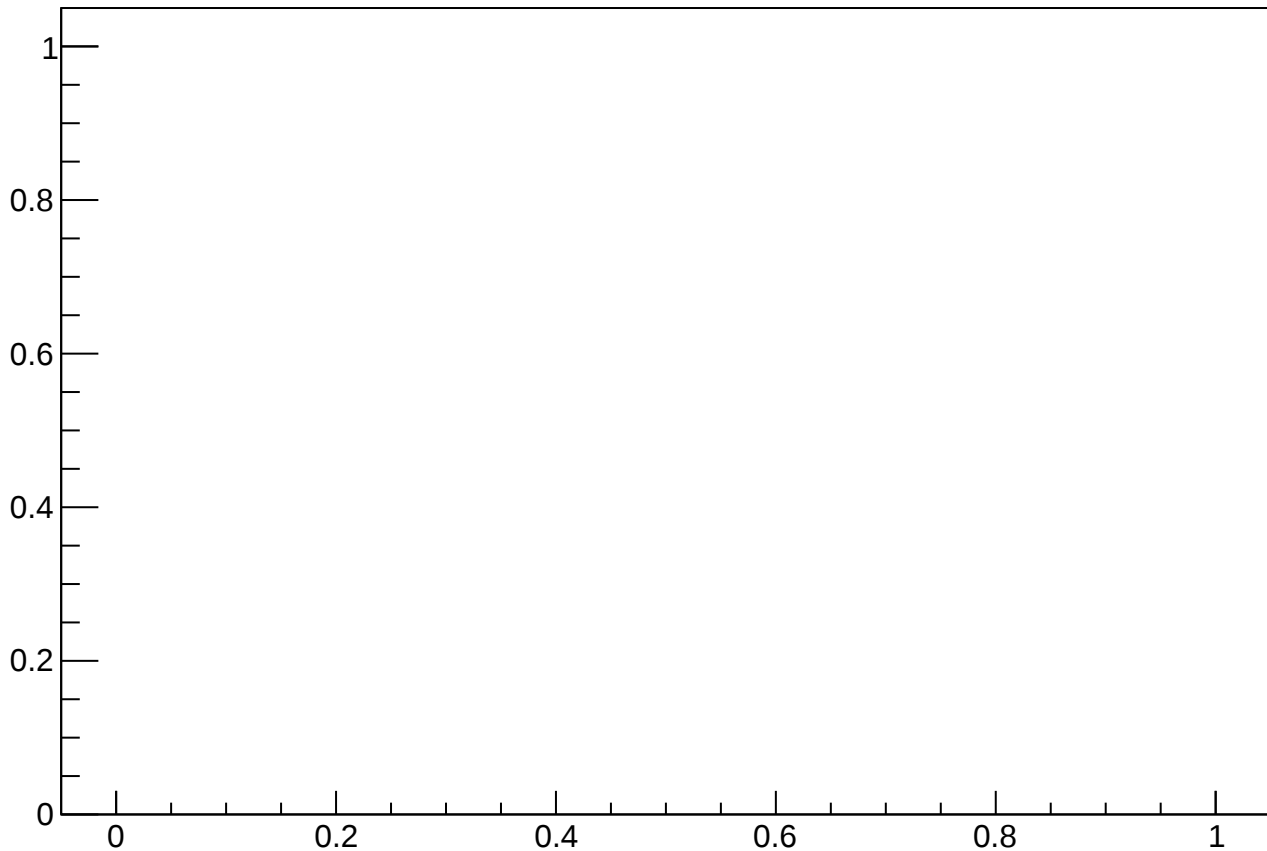
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

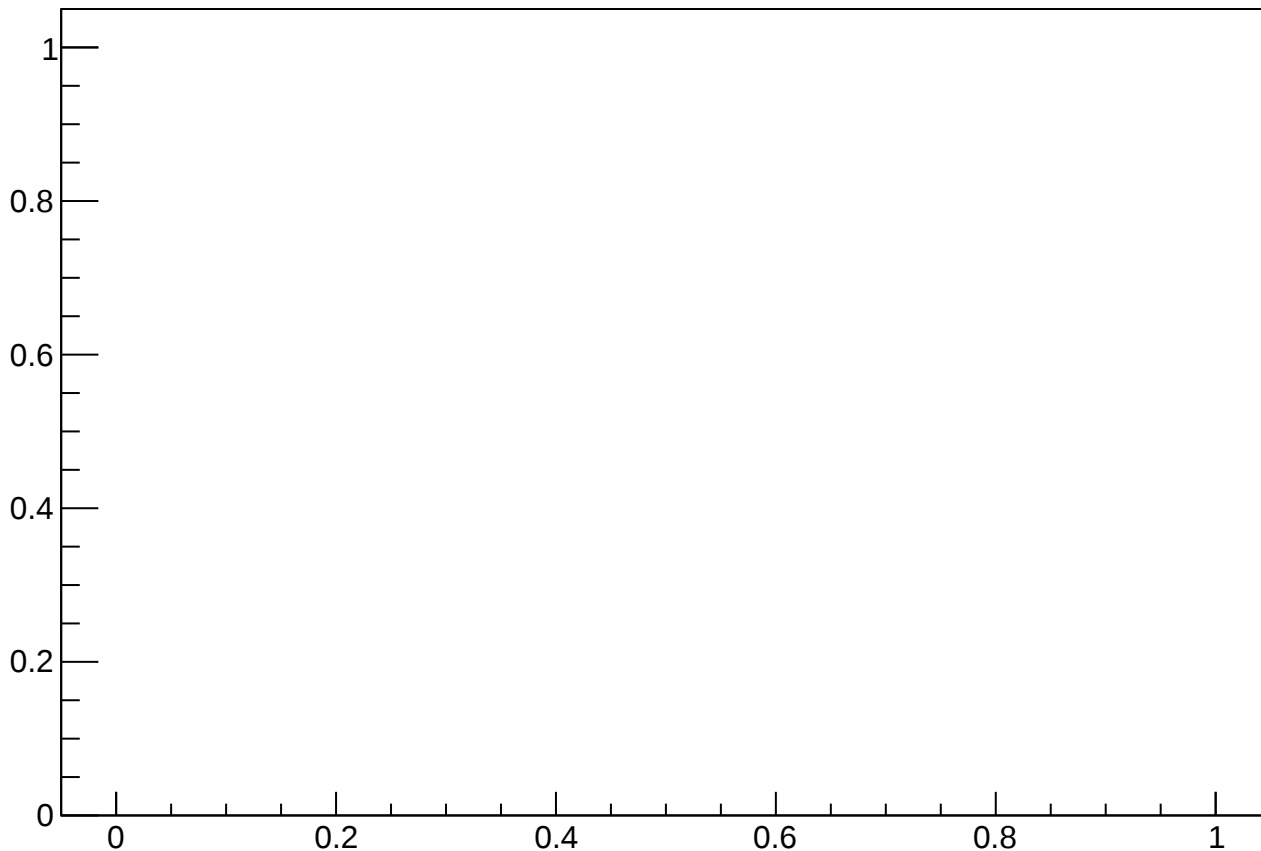
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

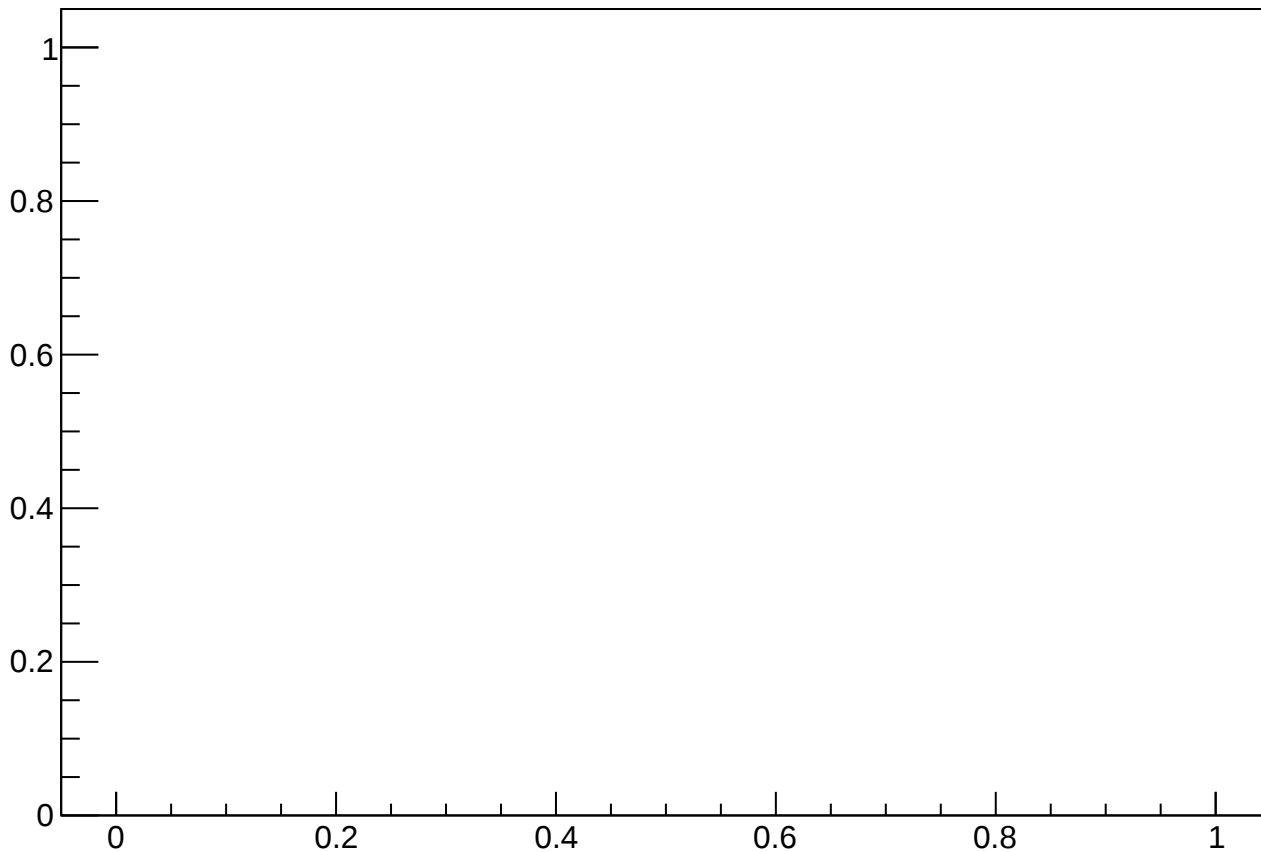
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

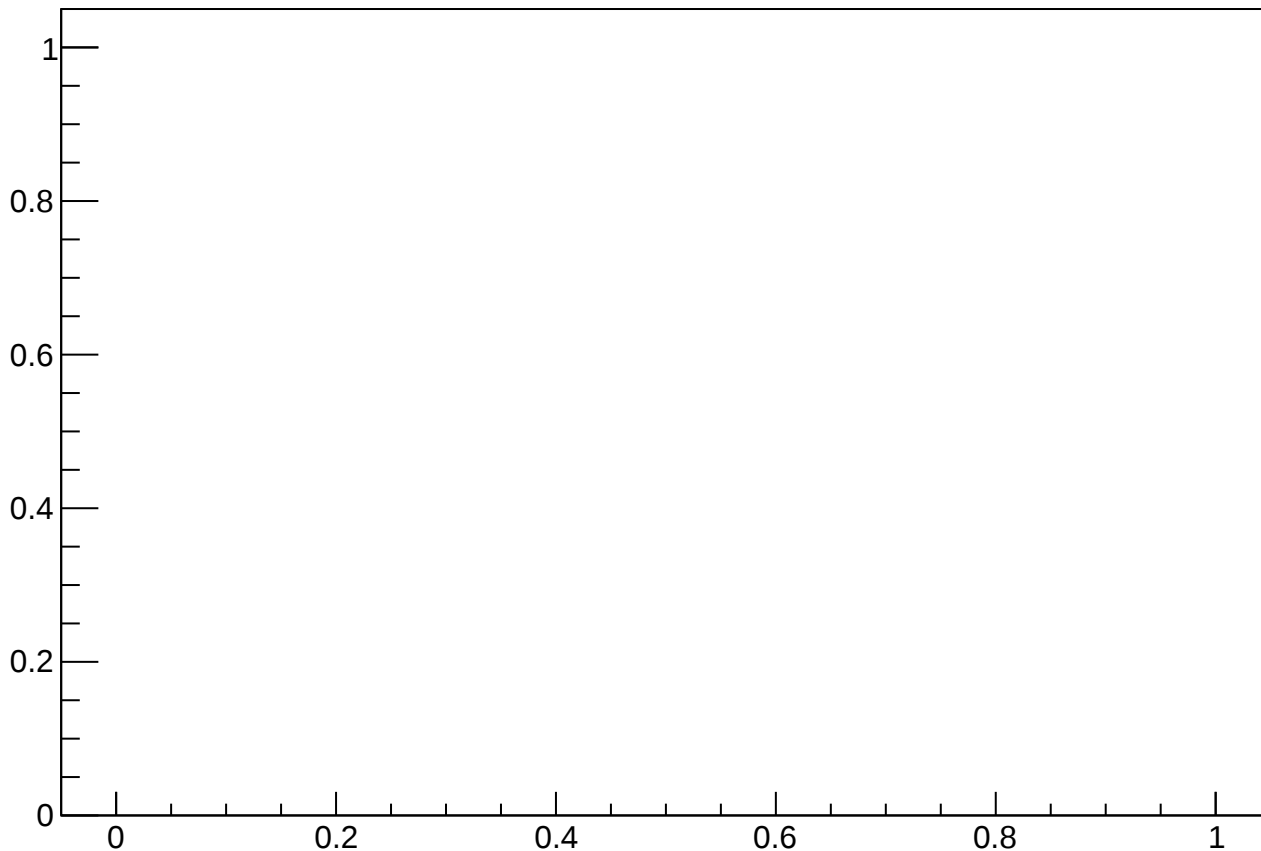
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

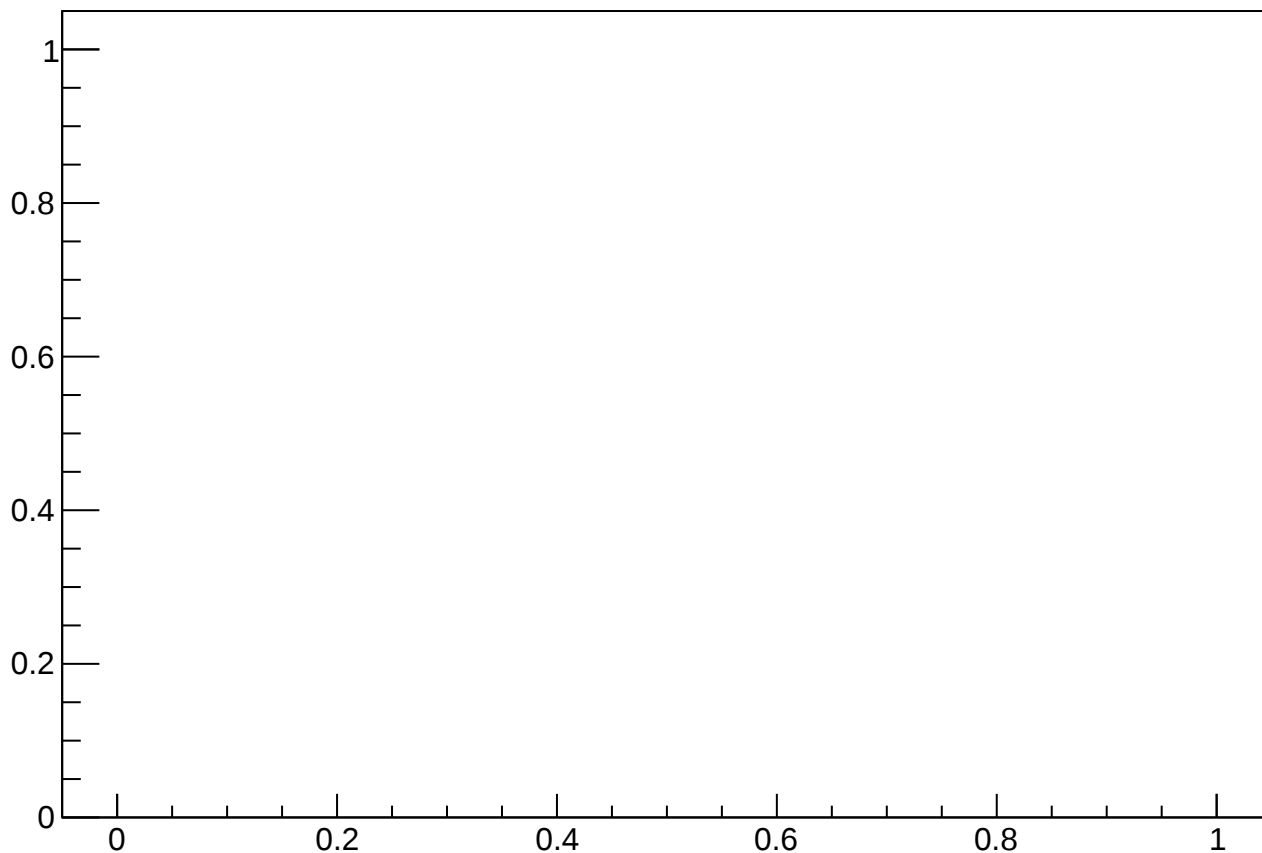
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

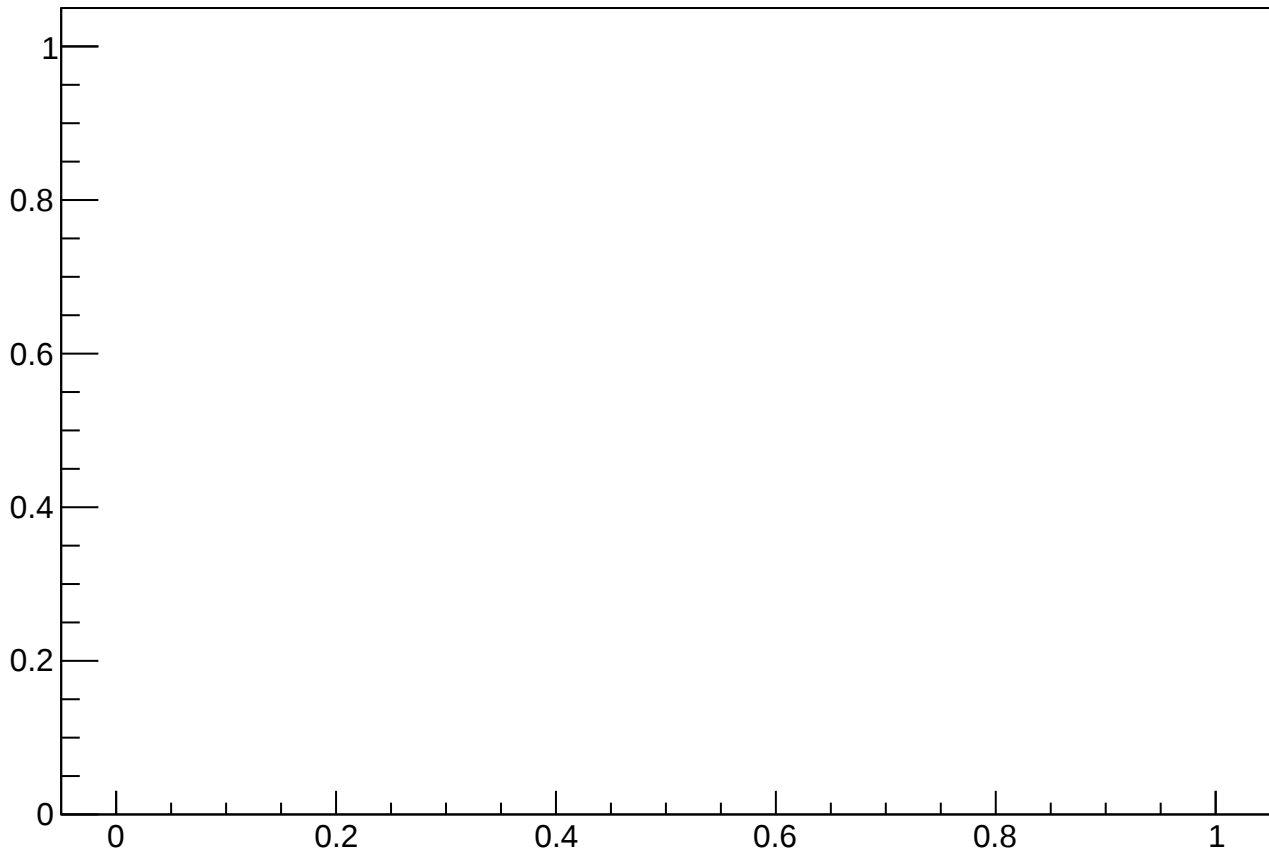
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

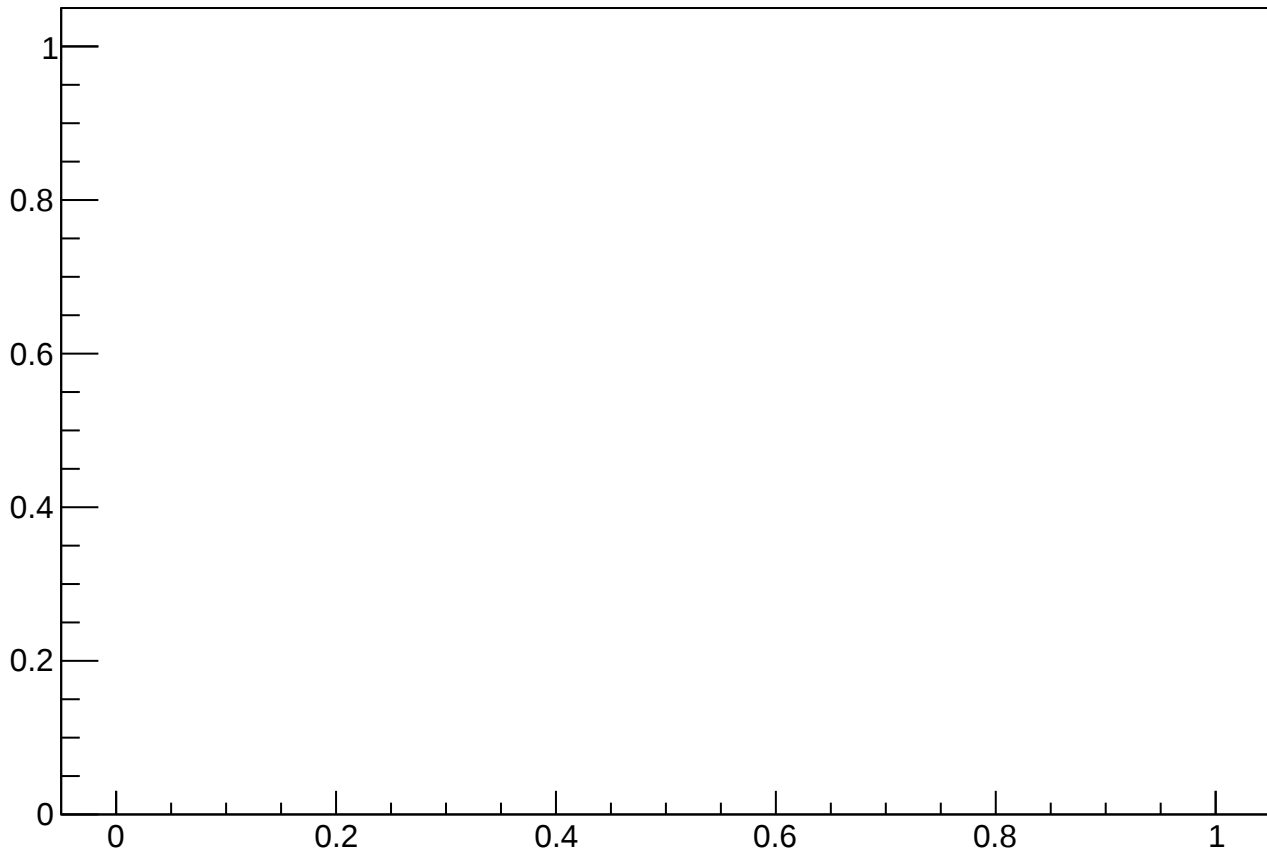
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

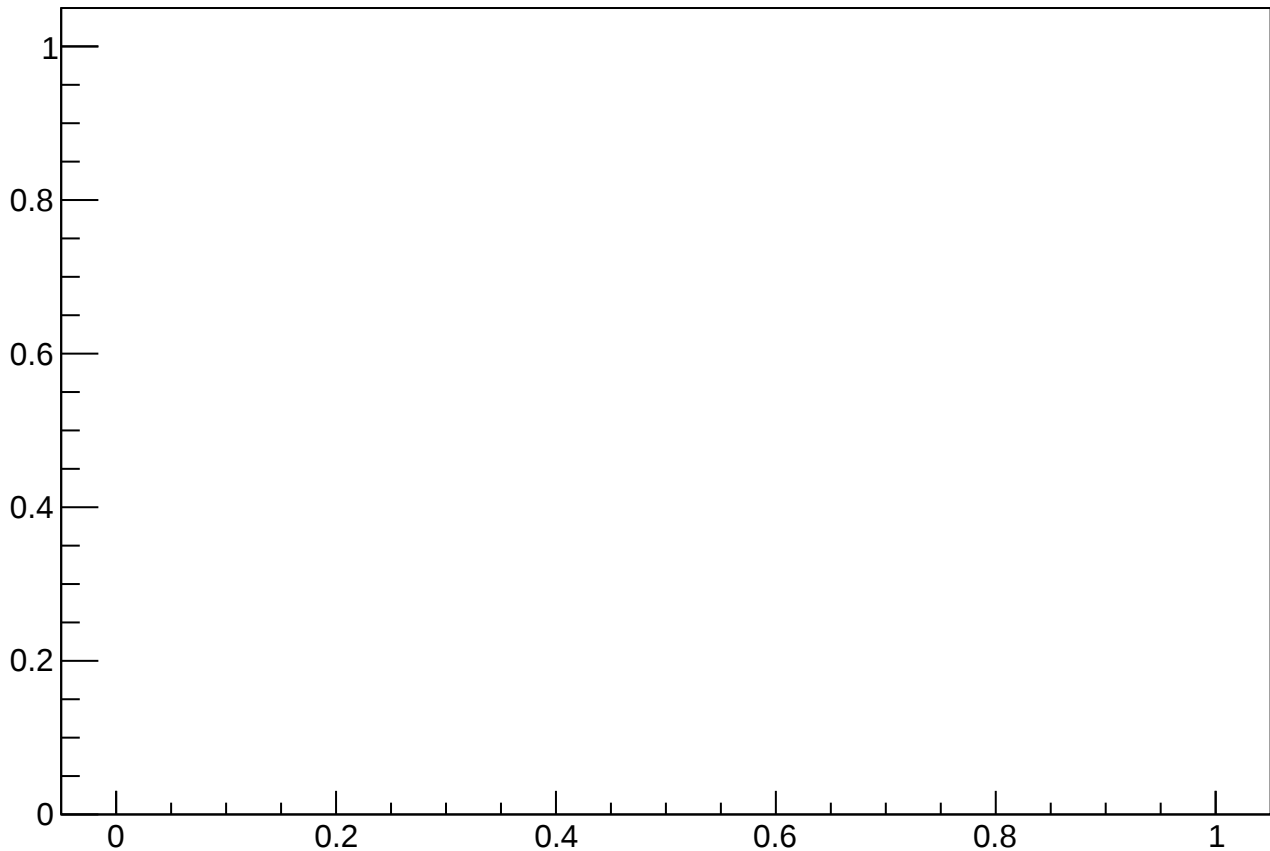
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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 $\pm$ 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_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

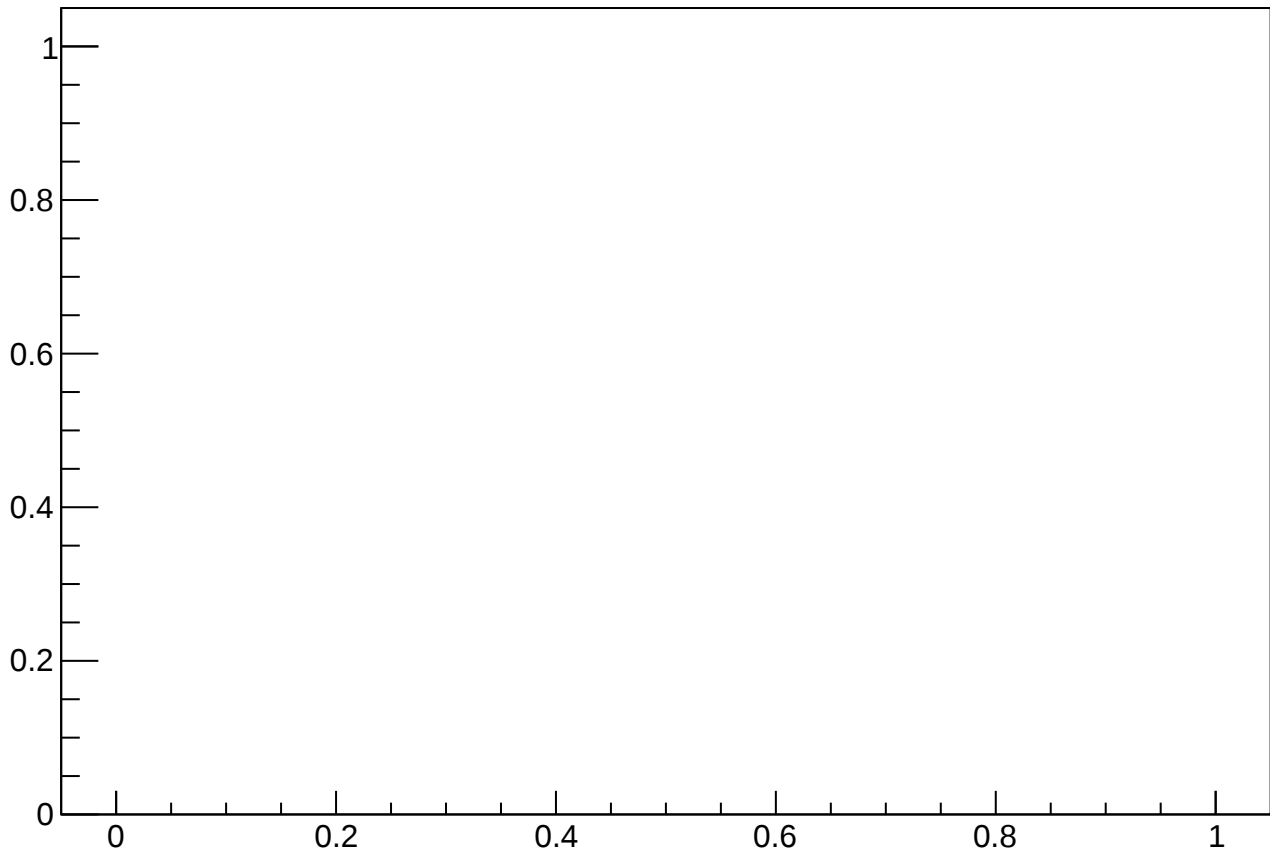
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

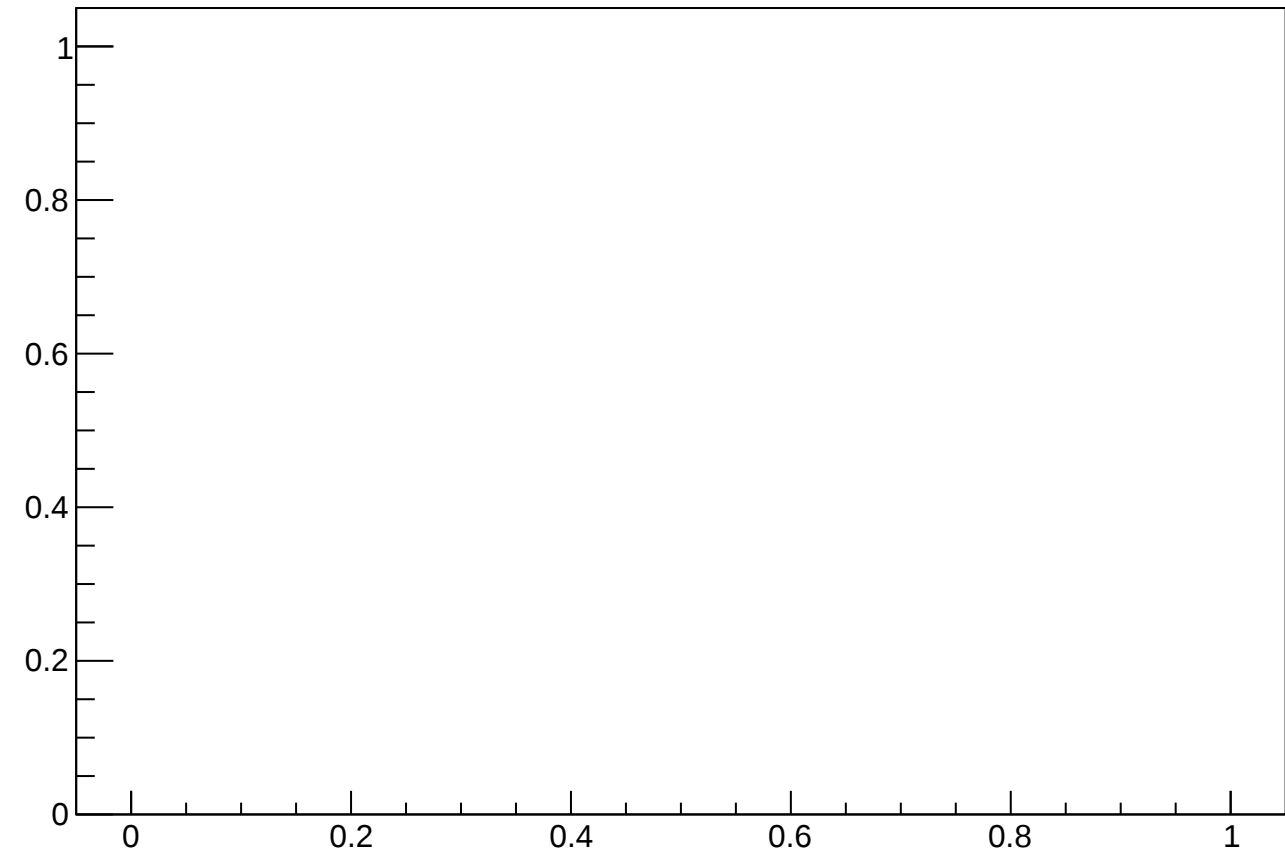
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

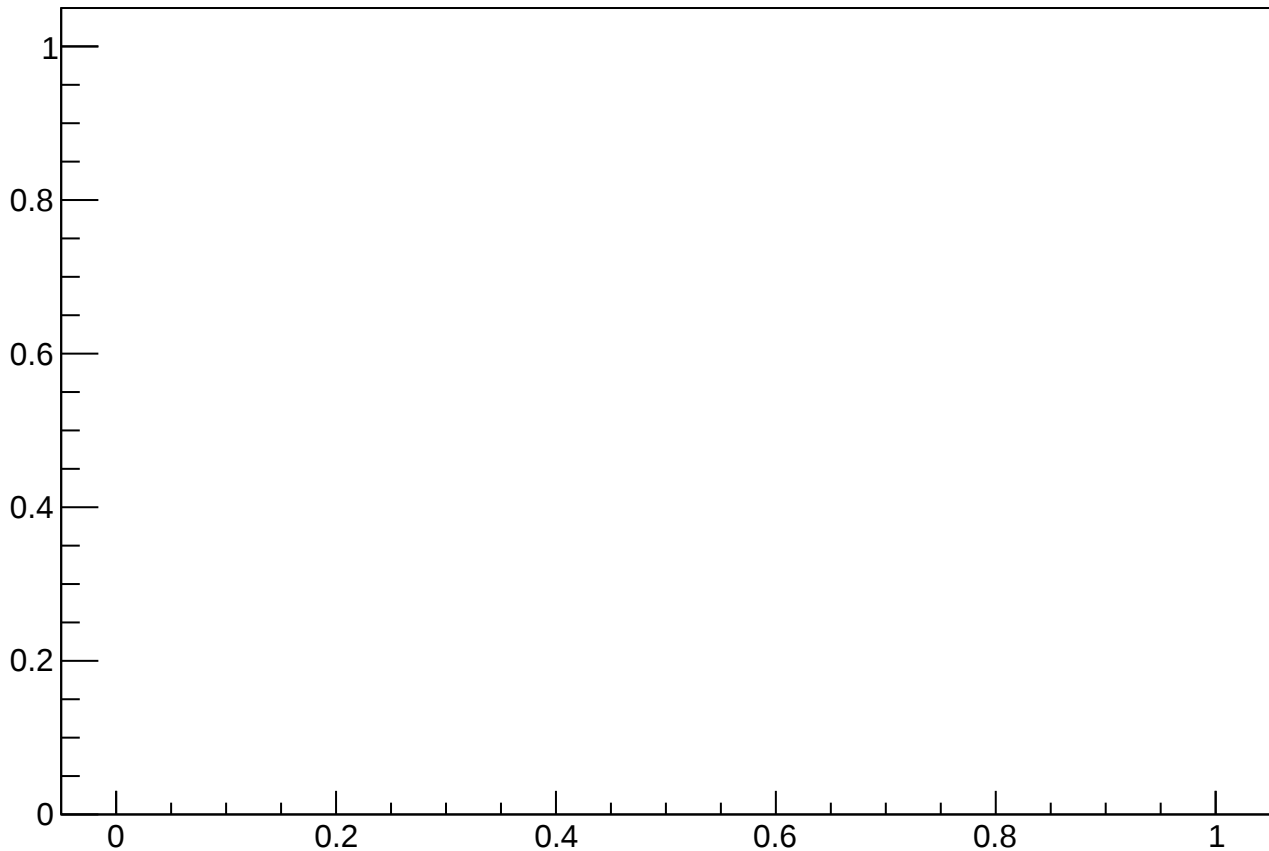
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

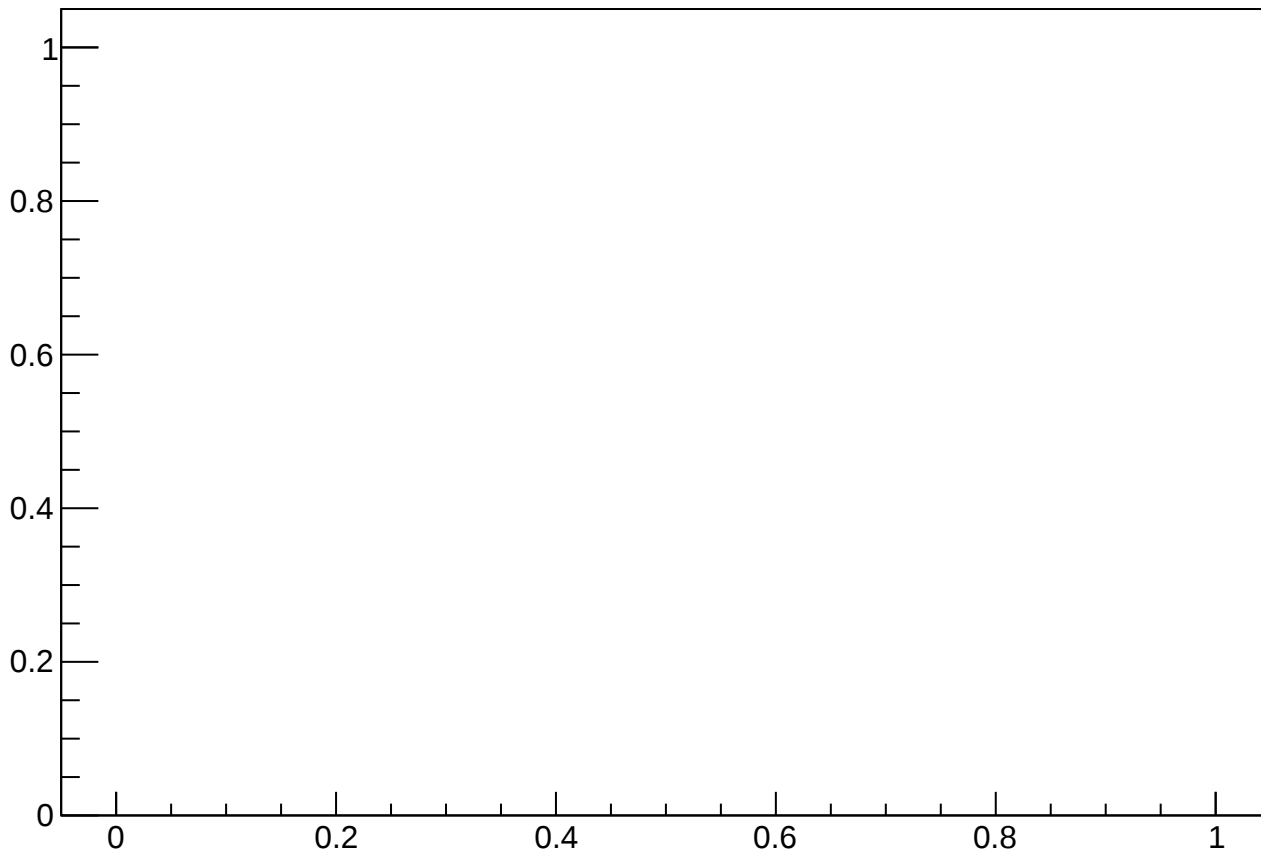
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

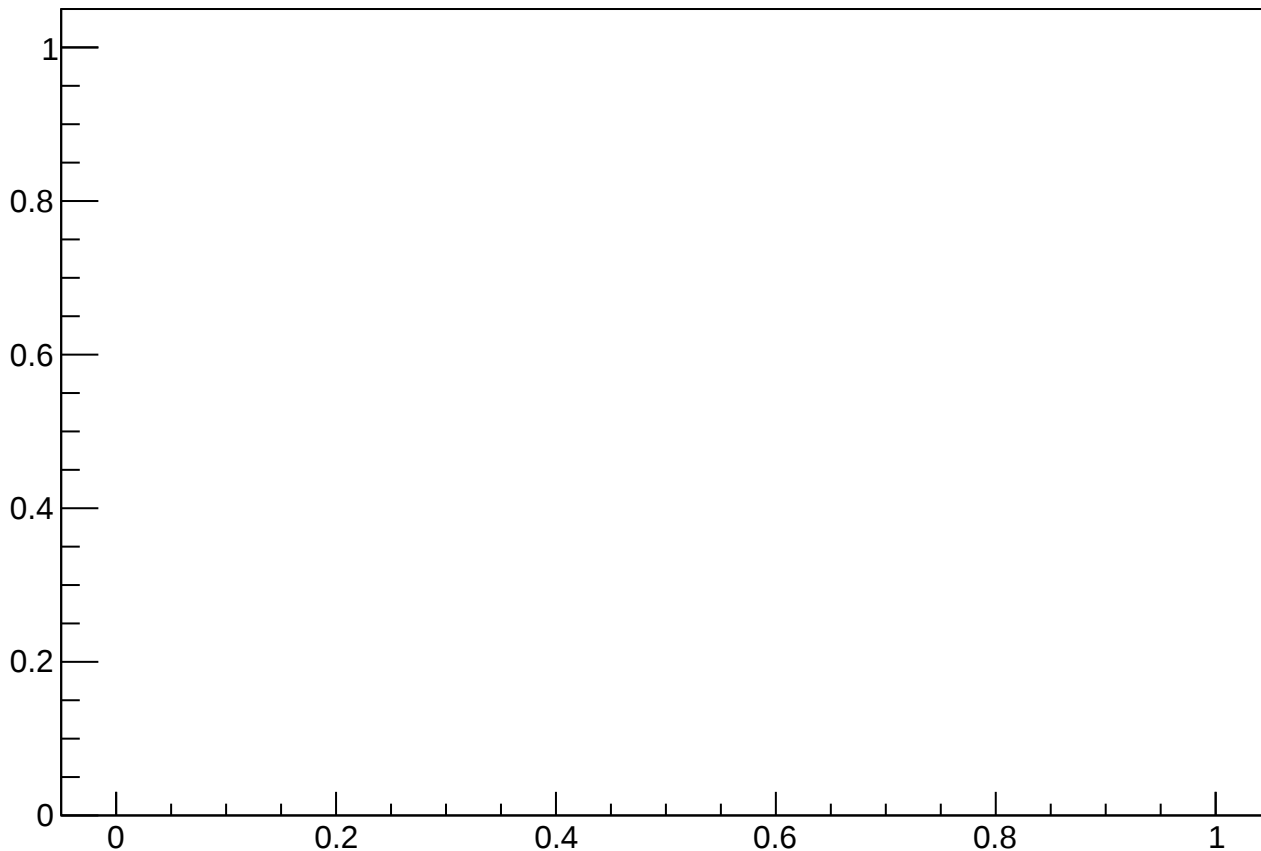
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

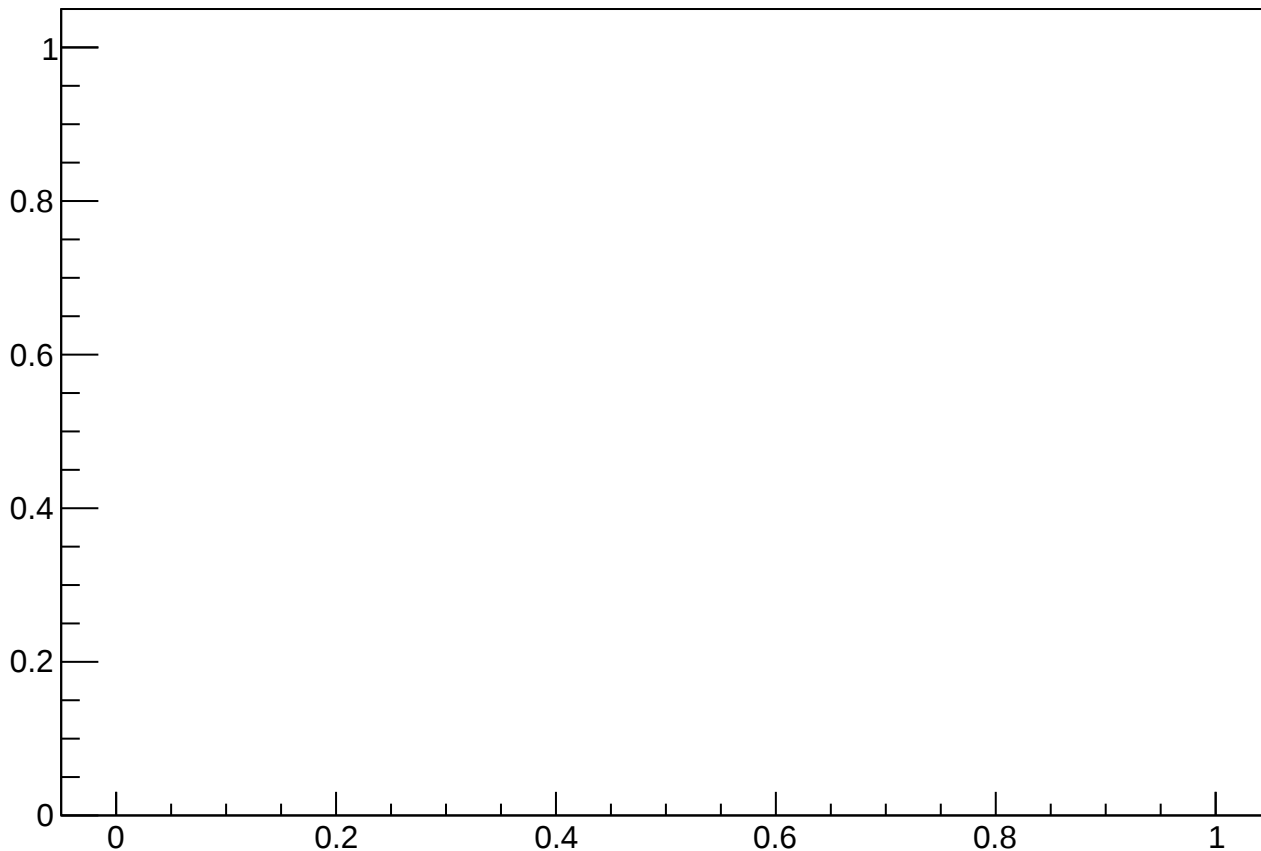
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

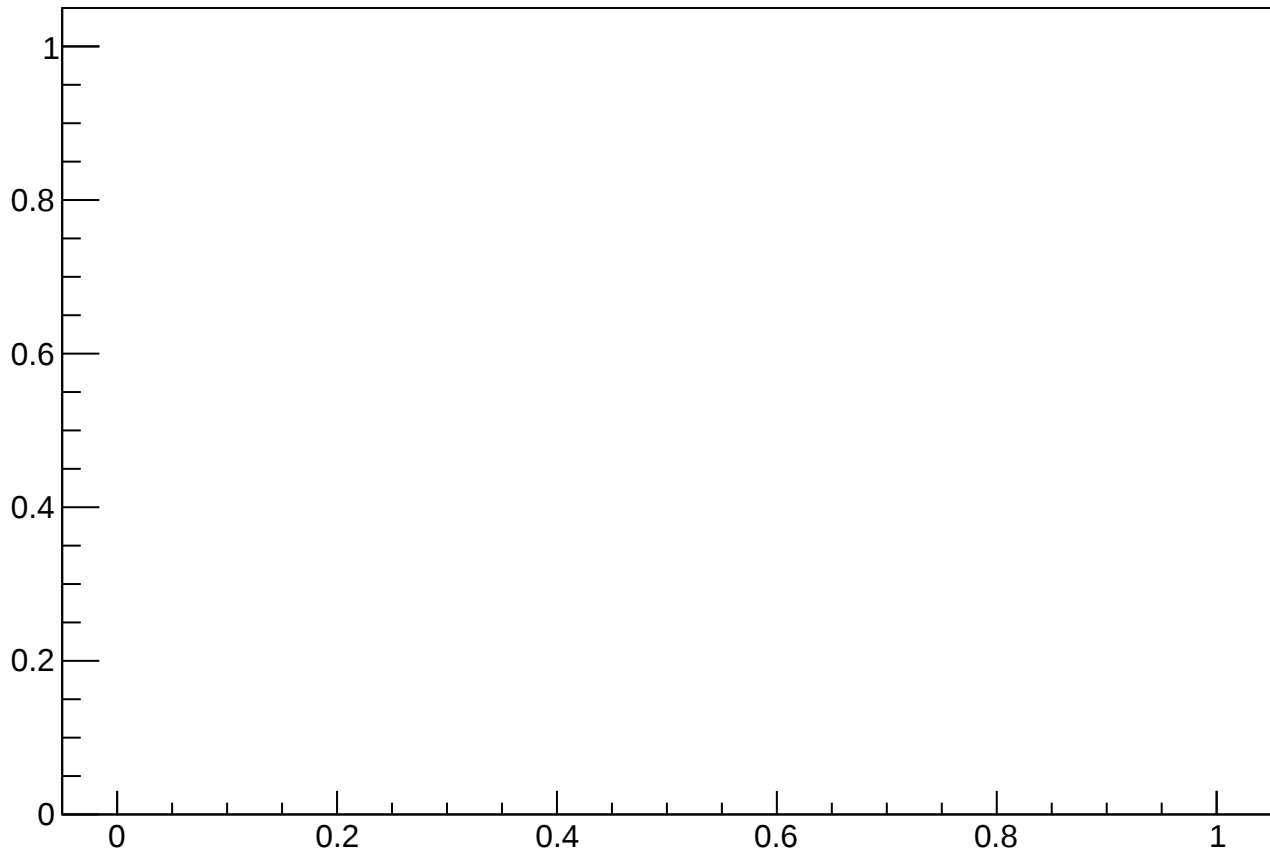
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

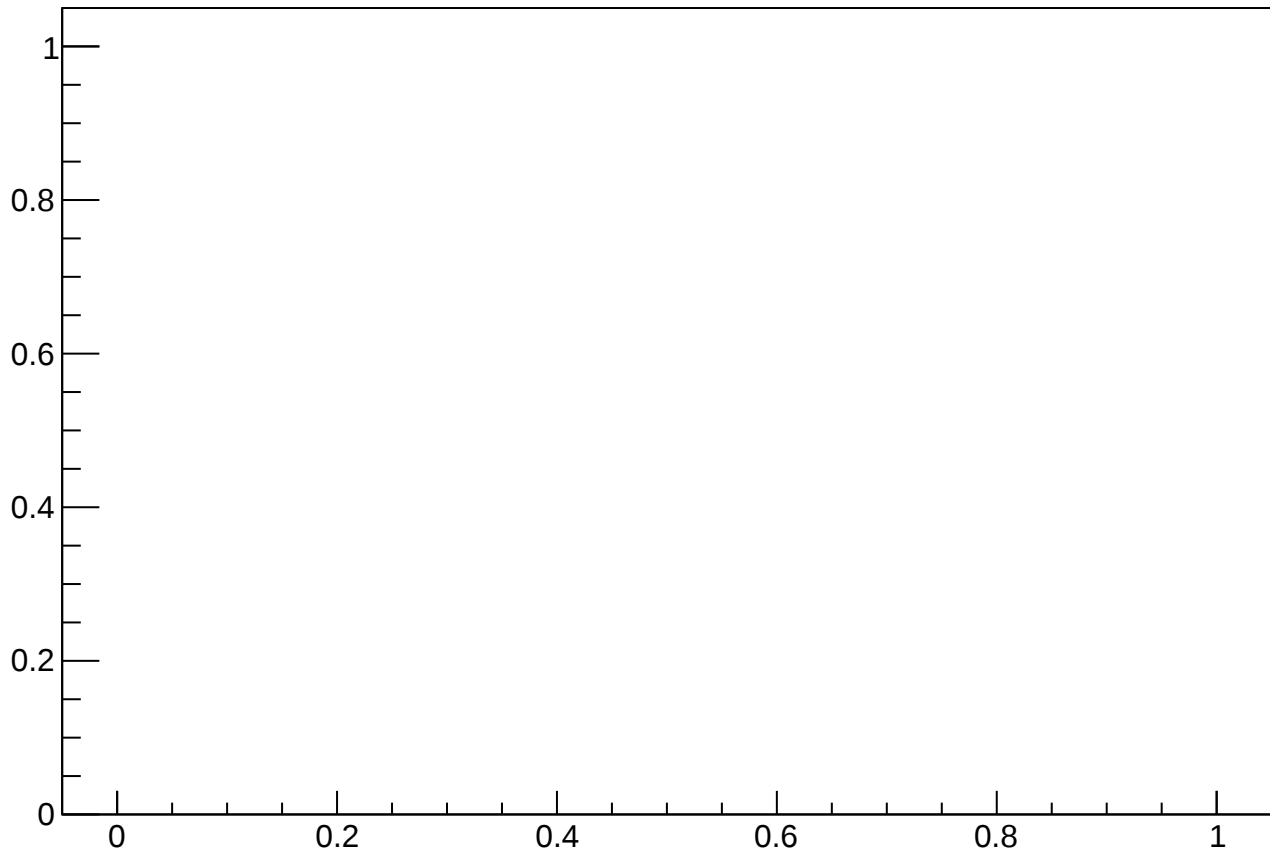
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

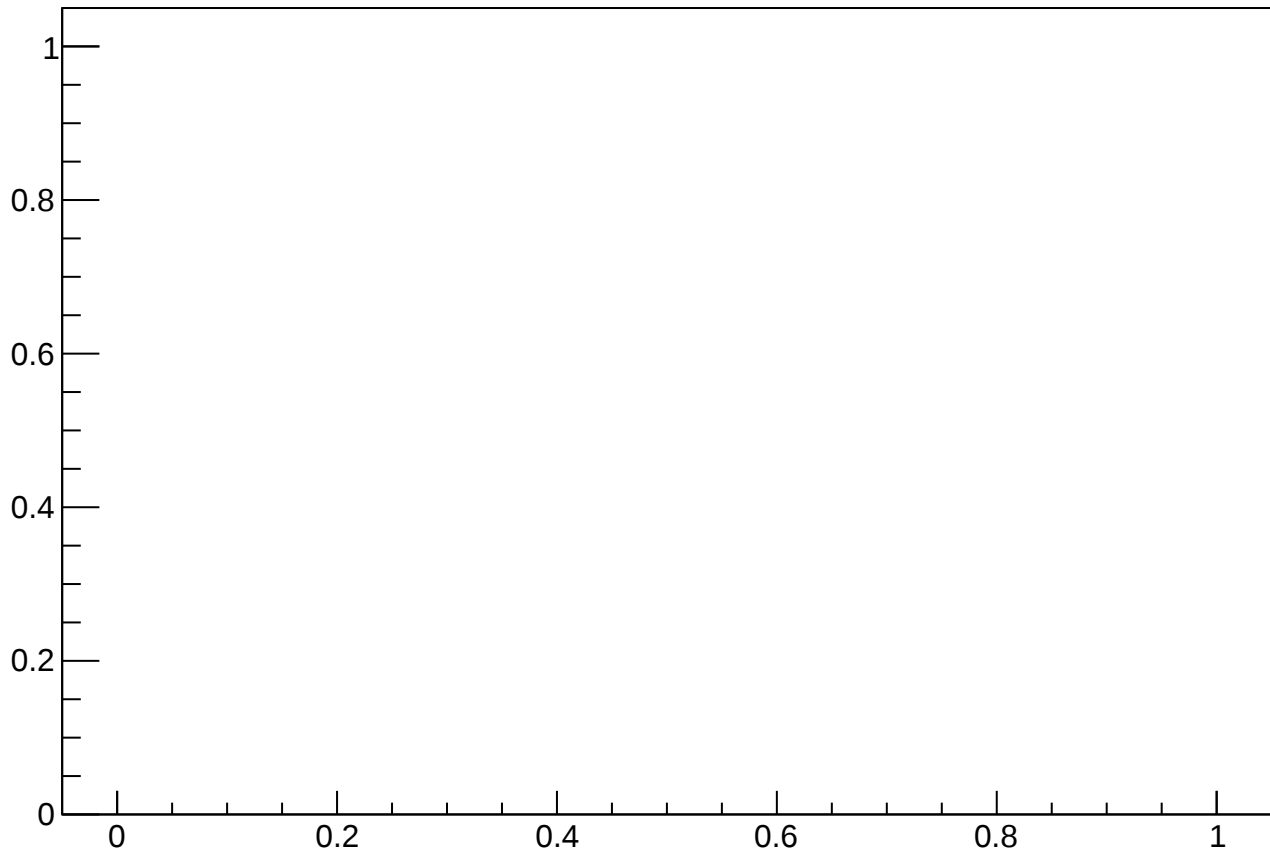
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

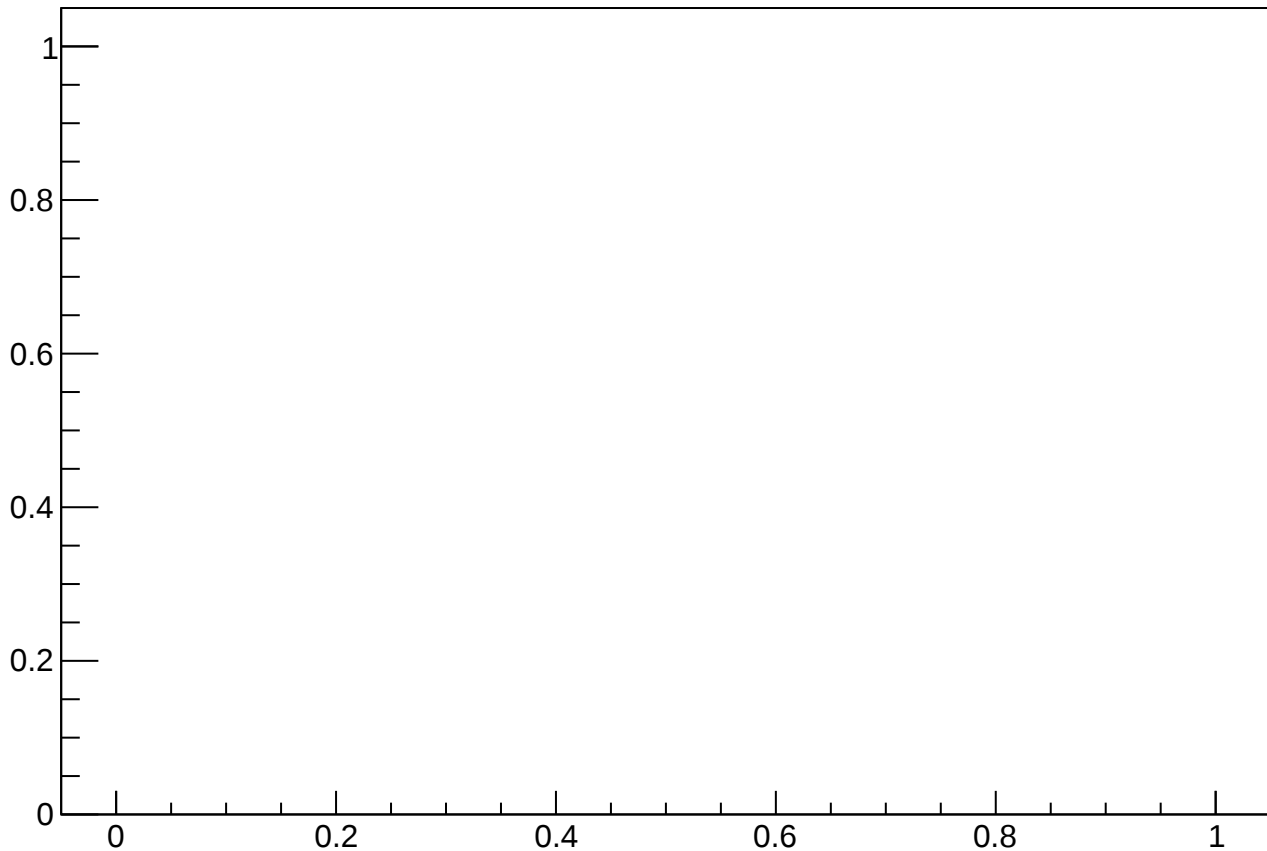
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

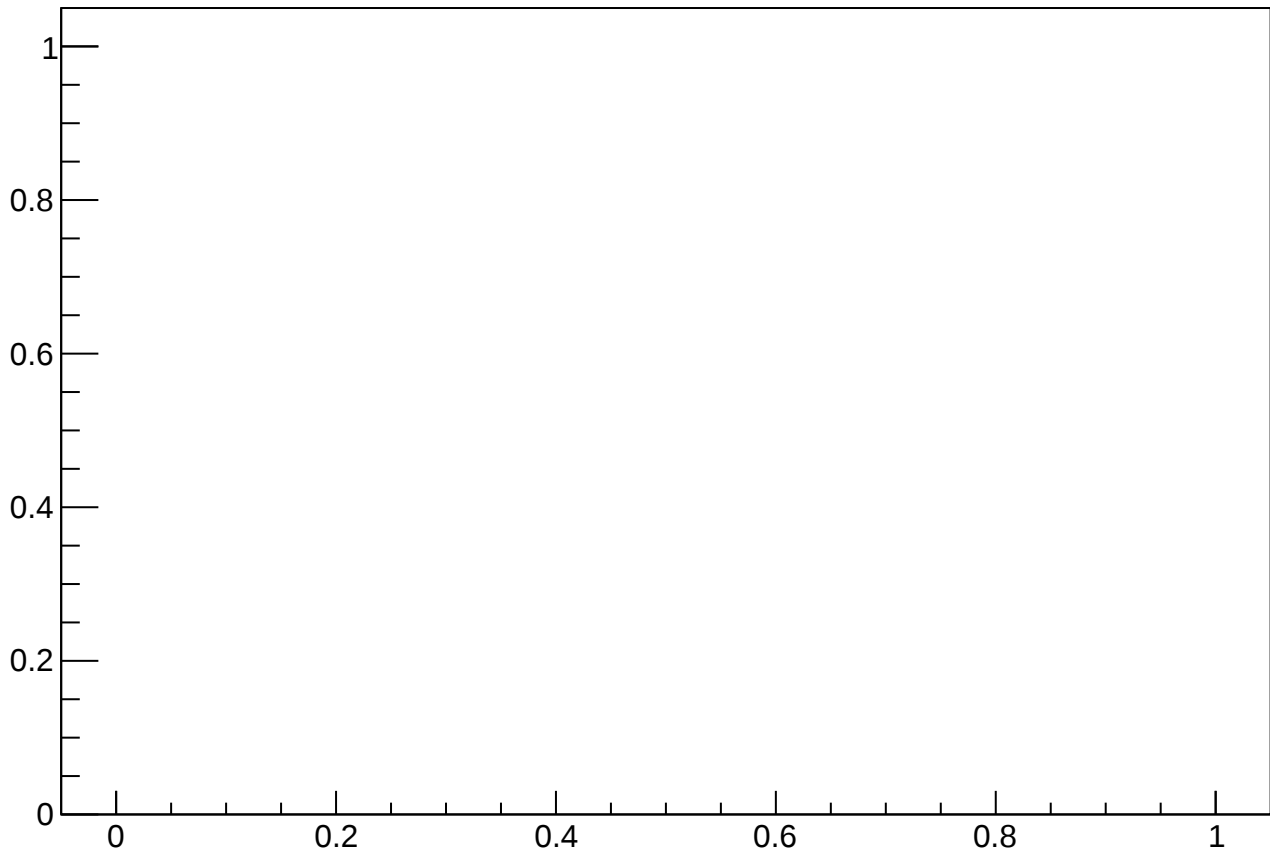
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

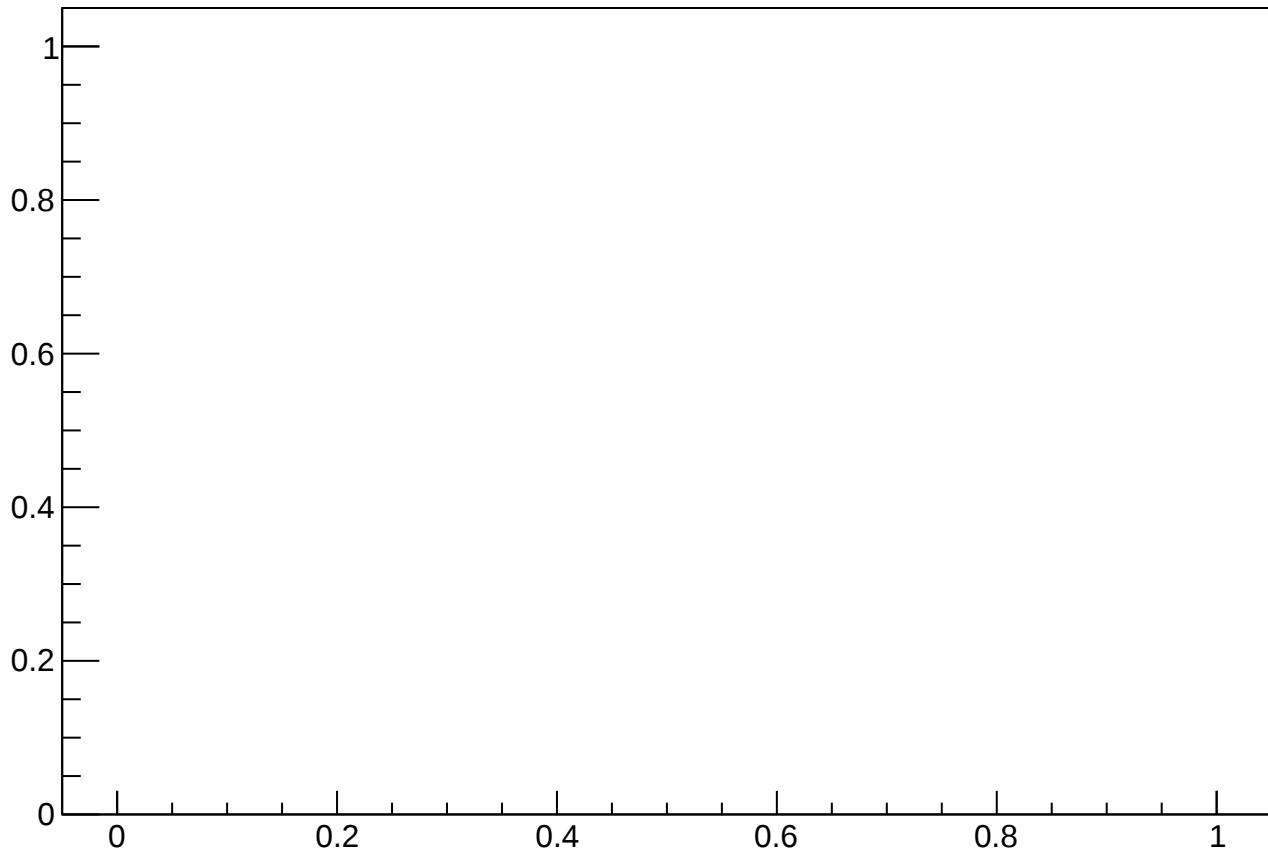
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

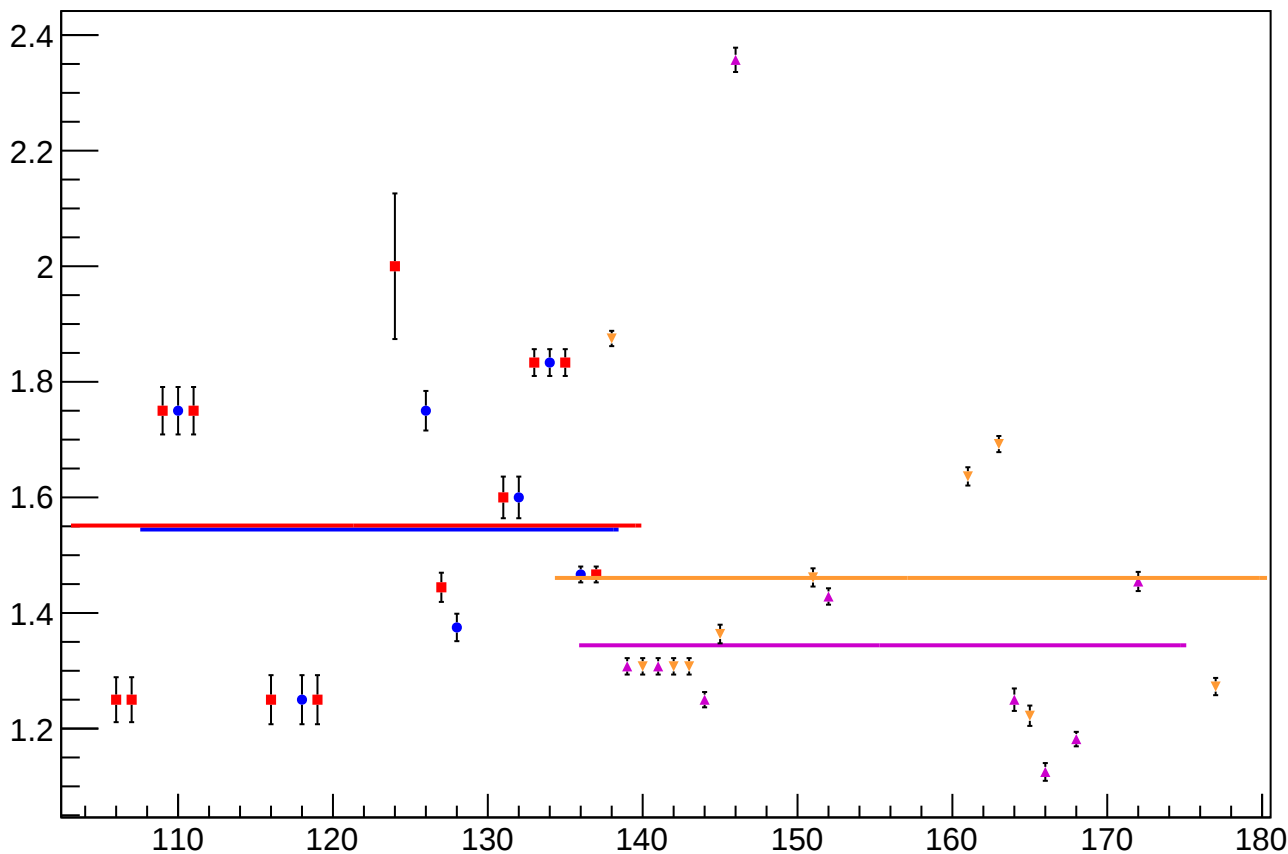
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.461 $\pm$ 0.005 χ^2 /NDF:2103.3/9

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.344 $\pm$ 0.005 χ^2 /NDF:2852.1/8

Left: 1.406 $\pm$ 0.003 χ^2 /NDF: 5242.7/18

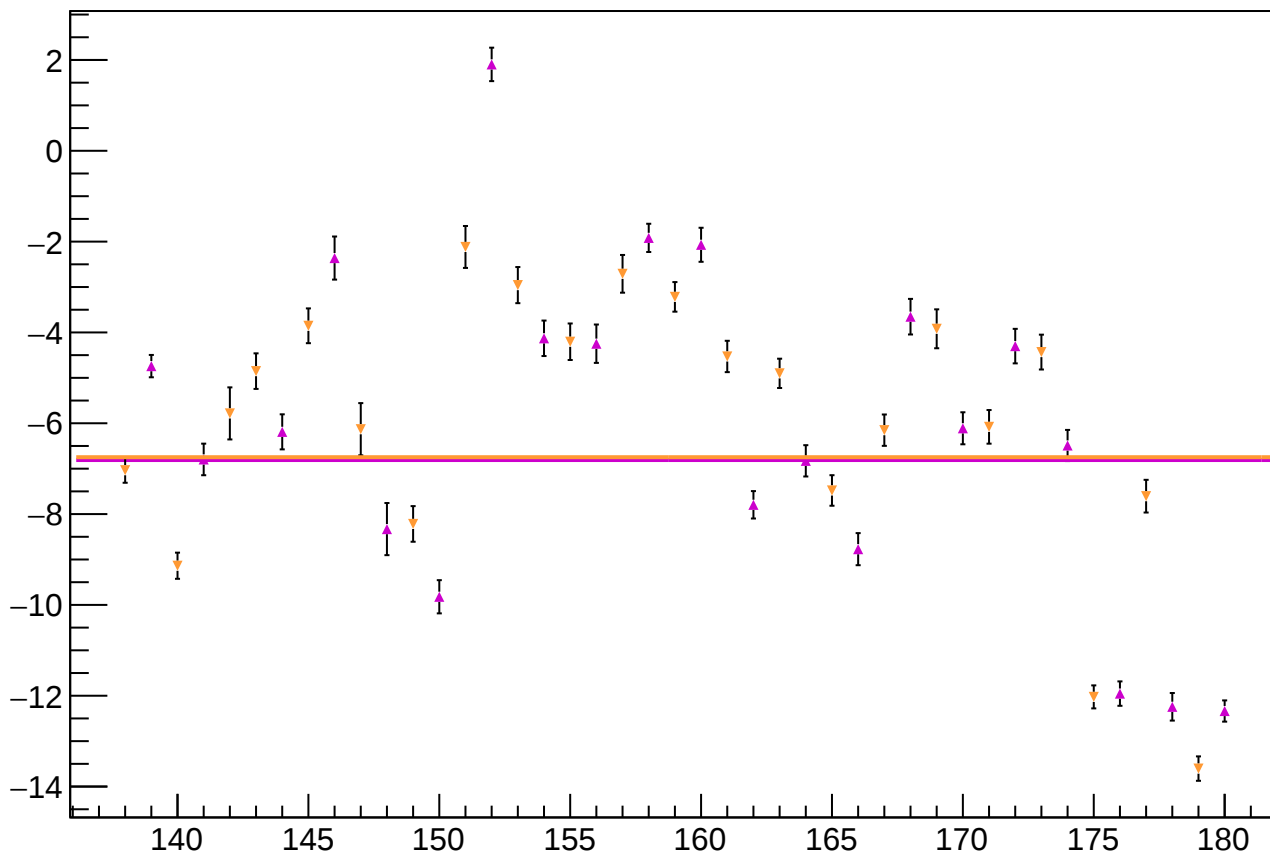
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.390 $\pm$ 0.004 χ^2 /NDF:3564.8/15

Out: 1.483 $\pm$ 0.004 χ^2 /NDF:2829.6/21

All: 1.440 $\pm$ 0.003 χ^2 /NDF: 6637.2/37

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.748 $\pm$ 0.076 χ^2 /NDF:1866.8/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.810 $\pm$ 0.074 χ^2 /NDF:2685.9/20

Left: -6.779 $\pm$ 0.053 χ^2 /NDF: 4553.0/42

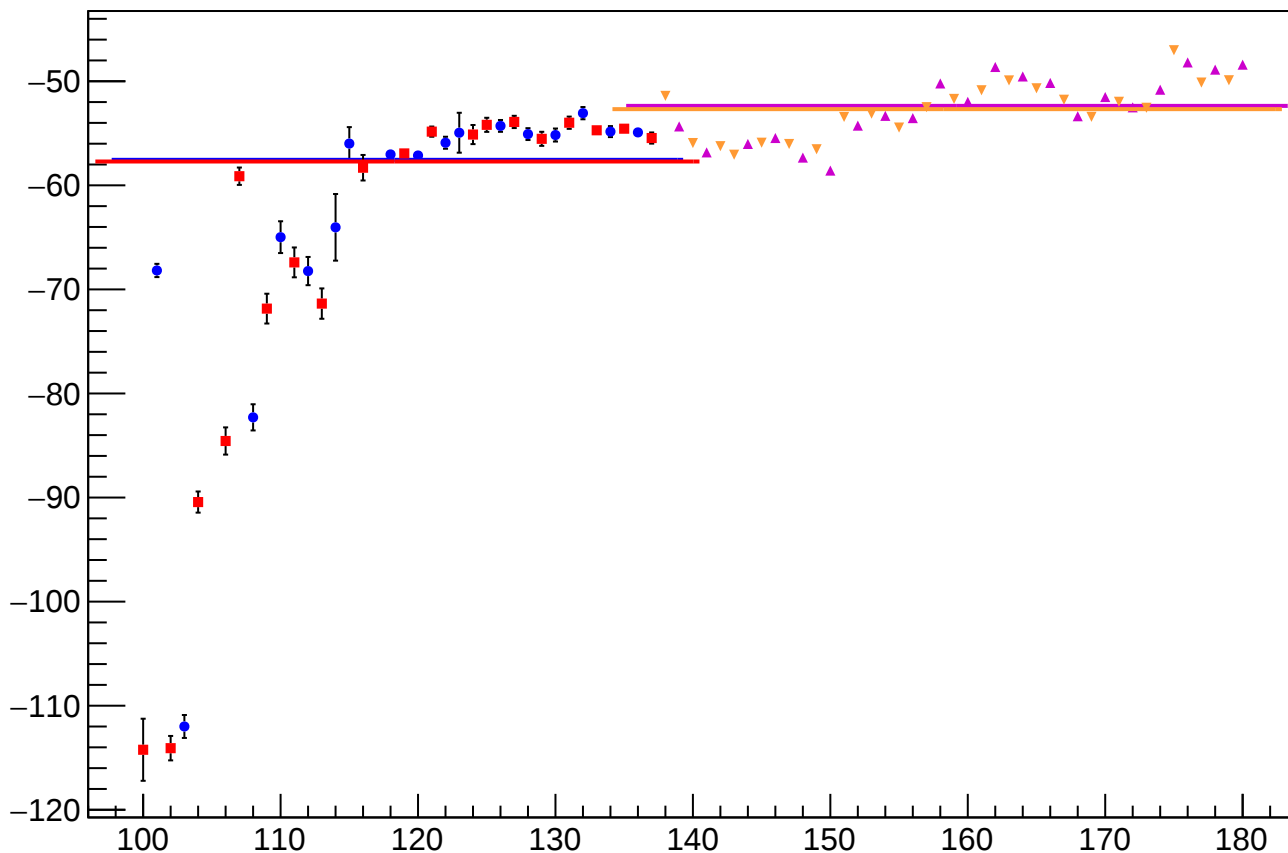
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -6.810 $\pm$ 0.074 χ^2 /NDF:2685.9/20

Out: -6.748 $\pm$ 0.076 χ^2 /NDF:1866.8/21

All: -6.779 $\pm$ 0.053 χ^2 /NDF: 4553.0/42

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -52.680 ± 0.059 χ^2/NDF : 2072.4/21

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -52.366 ± 0.060 χ^2/NDF : 2859.2/20

Left: -52.526 ± 0.042 χ^2/NDF : 4945.7/42

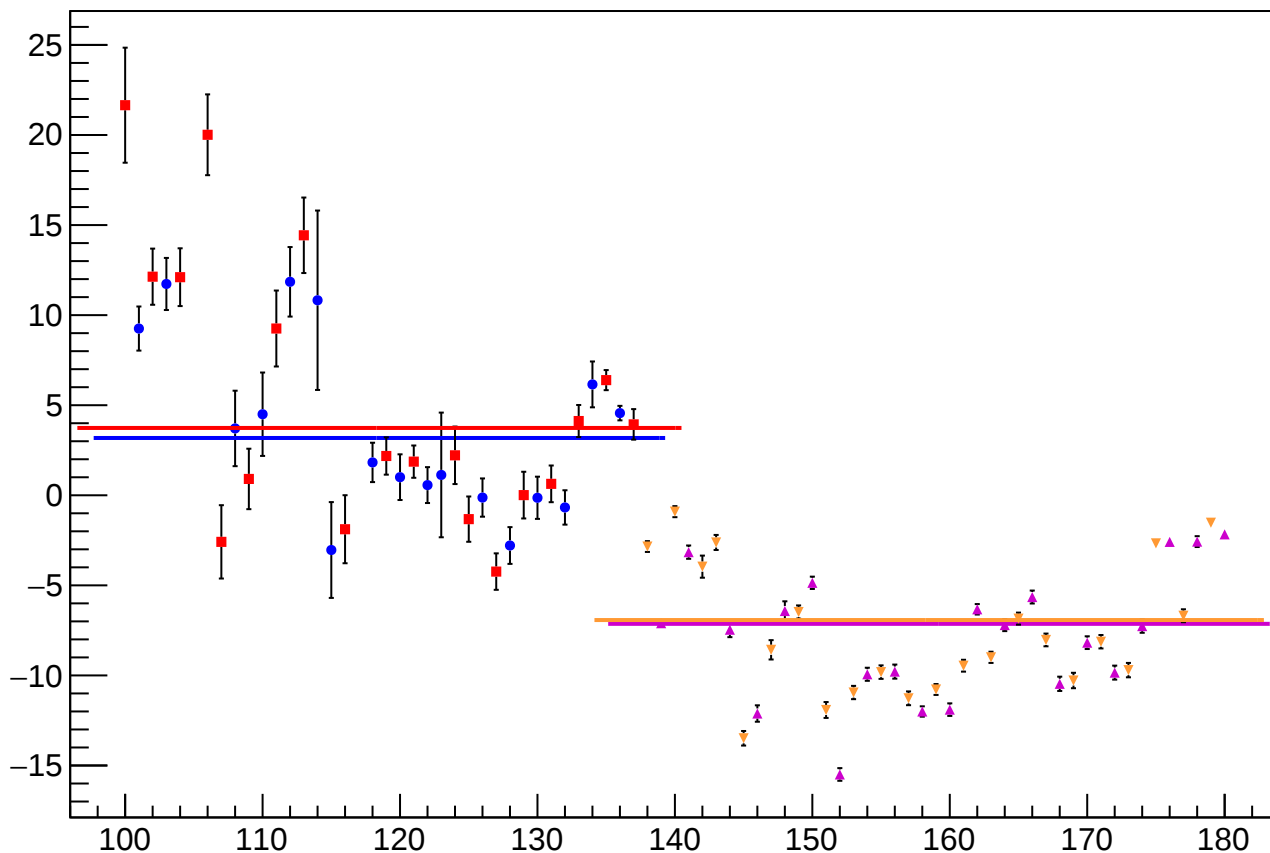
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -53.150 ± 0.055 χ^2/NDF : 7457.1/37

Out: -53.408 ± 0.054 χ^2/NDF : 7838.2/40

All: -53.281 ± 0.039 χ^2/NDF : 15306.5/78

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -6.926 ± 0.075 χ^2/NDF : 2505.3/21

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -7.136 ± 0.073 χ^2/NDF : 2554.1/20

Left: -7.034 ± 0.052 χ^2/NDF : 5063.5/42

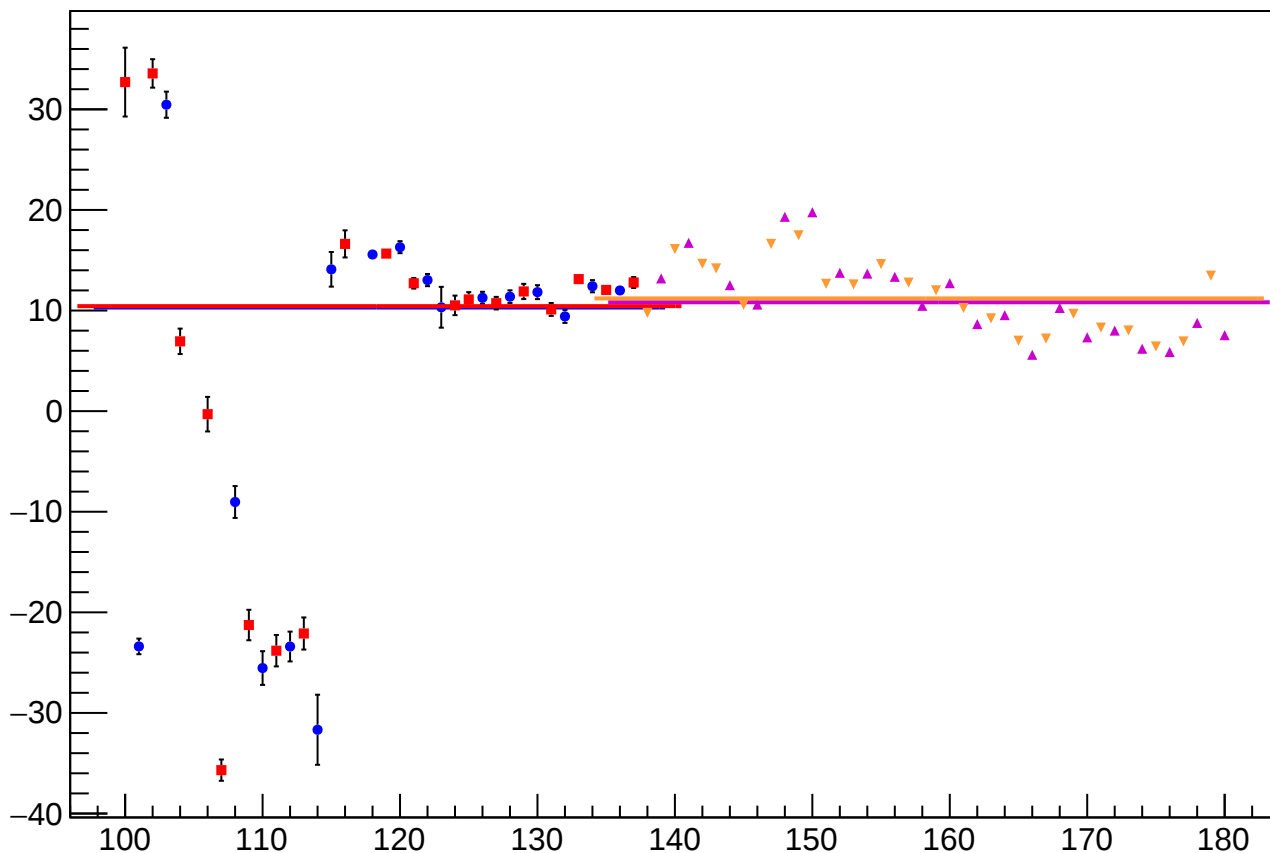
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -6.369 ± 0.070 χ^2/NDF : 4219.7/37

Out: -6.145 ± 0.072 χ^2/NDF : 4305.3/40

All: -6.260 ± 0.050 χ^2/NDF : 8530.0/78

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 11.206+/-0.066 χ^2/NDF : 2453.1/21

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 10.822+/-0.066 χ^2/NDF : 3460.9/20

Left: 11.015+/-0.047 χ^2/NDF : 5930.9/42

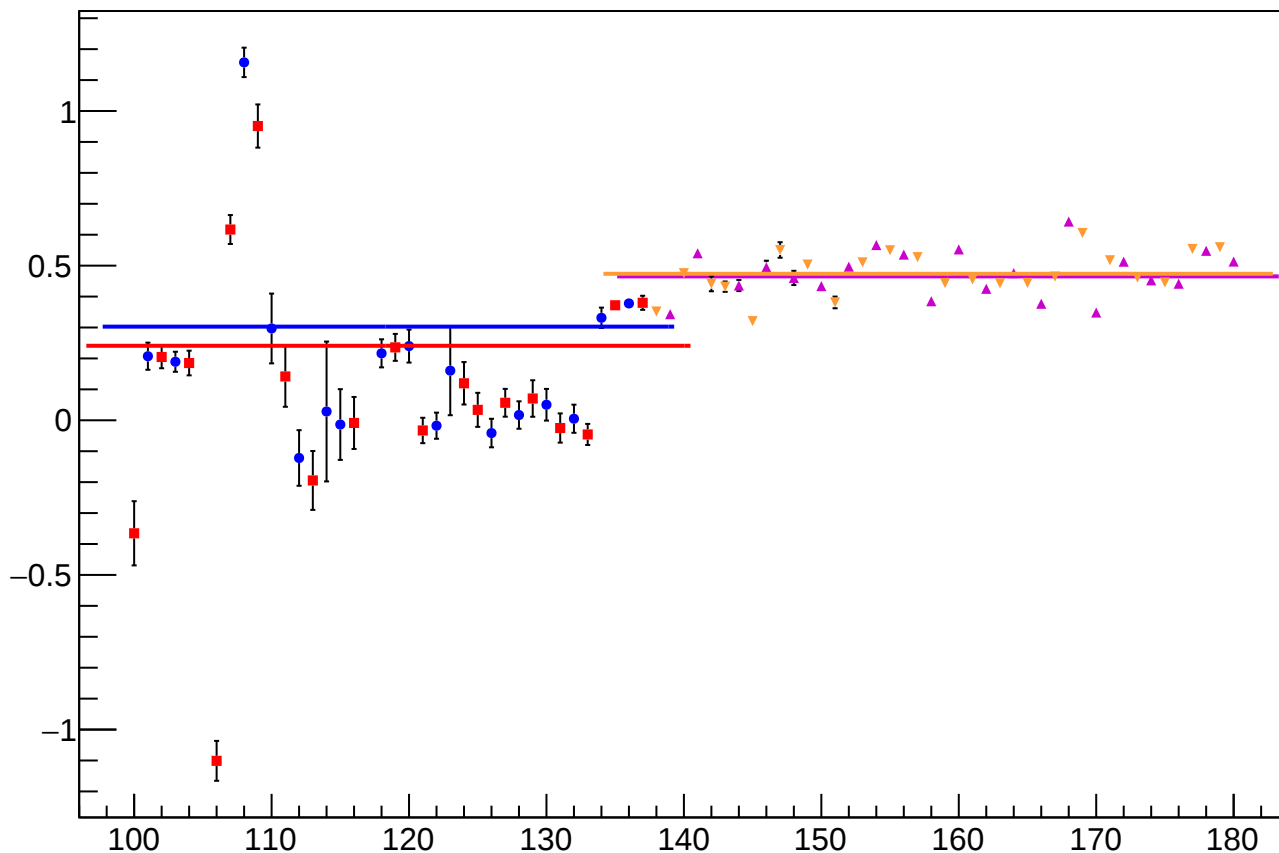
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 10.743+/-0.061 χ^2/NDF : 7169.6/37

Out: 11.094+/-0.061 χ^2/NDF : 6301.7/40

All: 10.919+/-0.043 χ^2/NDF : 13487.8/78

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 :500.1/21

Right Out: 0.241 $\pm$ 0.008 χ^2/NDF : 988.9/18

Left In: 0.465 $\pm$ 0.003 χ^2/NDF :743.1/20

Left: 0.469 $\pm$ 0.002 χ^2/NDF : 1247.4/42

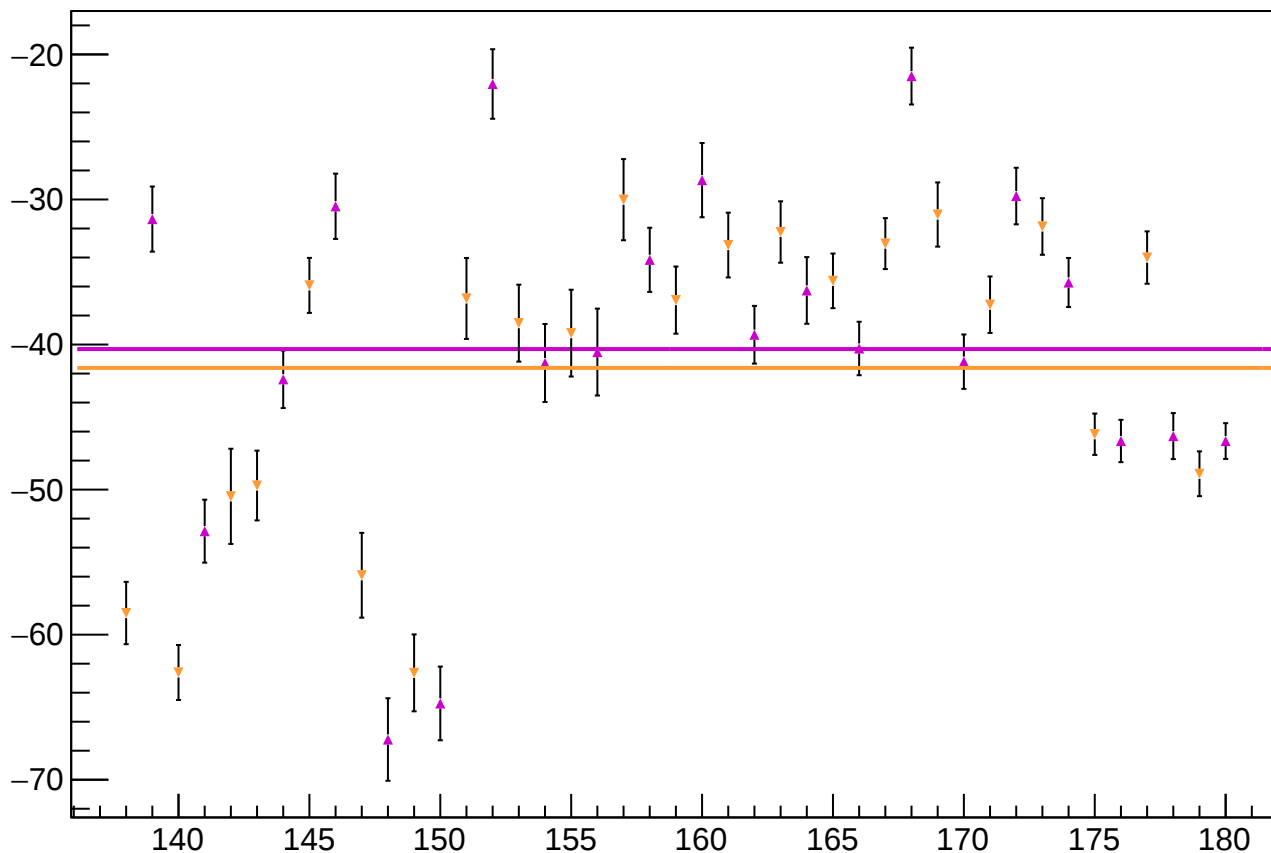
Right: 0.273 $\pm$ 0.006 χ^2/NDF : 1663.5/35

In: 0.447 $\pm$ 0.003 χ^2/NDF :1739.0/37

Out: 0.448 $\pm$ 0.003 χ^2/NDF :2158.7/40

All: 0.448 $\pm$ 0.002 χ^2/NDF : 3897.8/78

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.610+/-0.448 χ^2/NDF :496.4/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.311+/-0.433 χ^2/NDF :530.5/20

Left: -40.937+/-0.311 χ^2/NDF : 1031.2/42

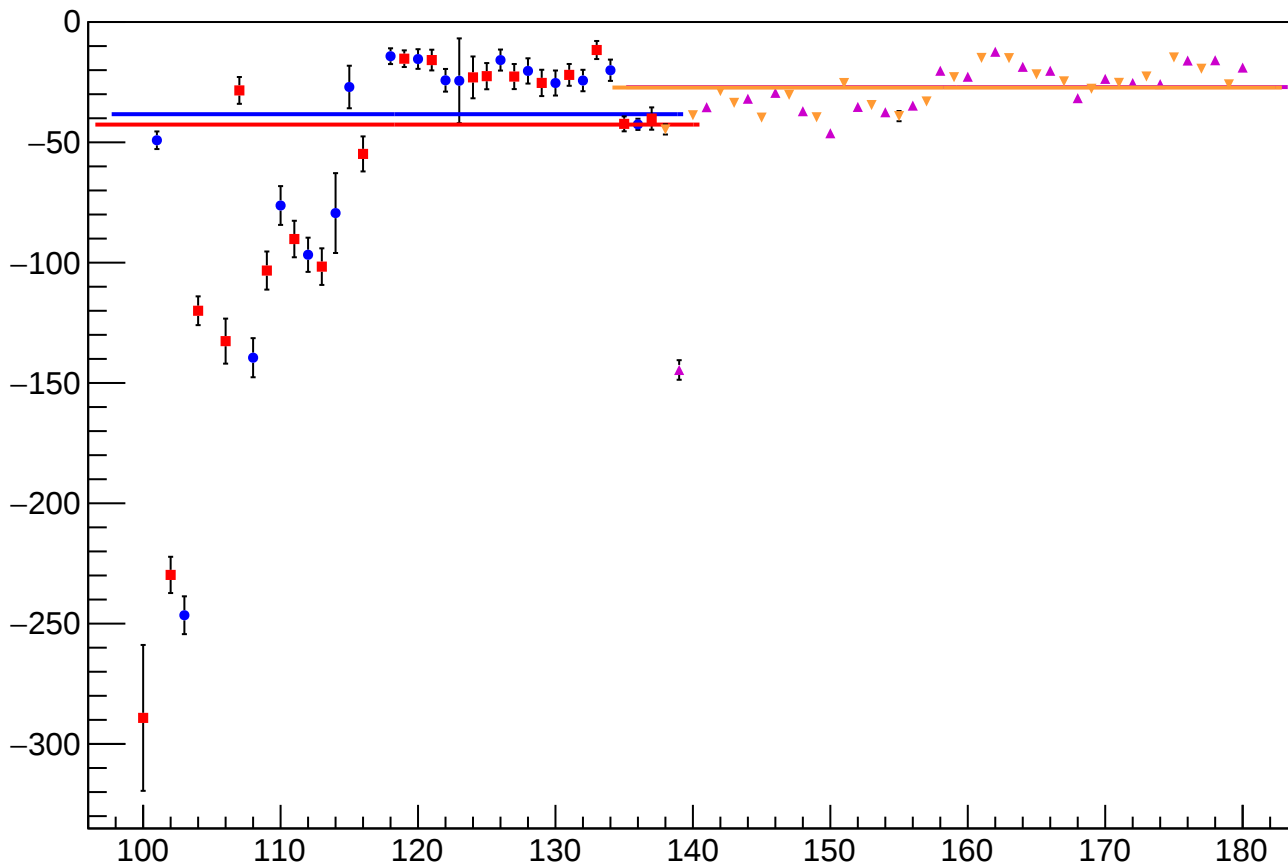
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.311+/-0.433 χ^2/NDF :530.5/20

Out: -41.610+/-0.448 χ^2/NDF :496.4/21

All: -40.937+/-0.311 χ^2/NDF : 1031.2/42

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -27.230 ± 0.343 $\chi^2/\text{NDF}: 585.5/21$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -27.036 ± 0.343 $\chi^2/\text{NDF}: 1459.0/20$

Left: -27.133 ± 0.242 $\chi^2/\text{NDF}: 2044.7/42$

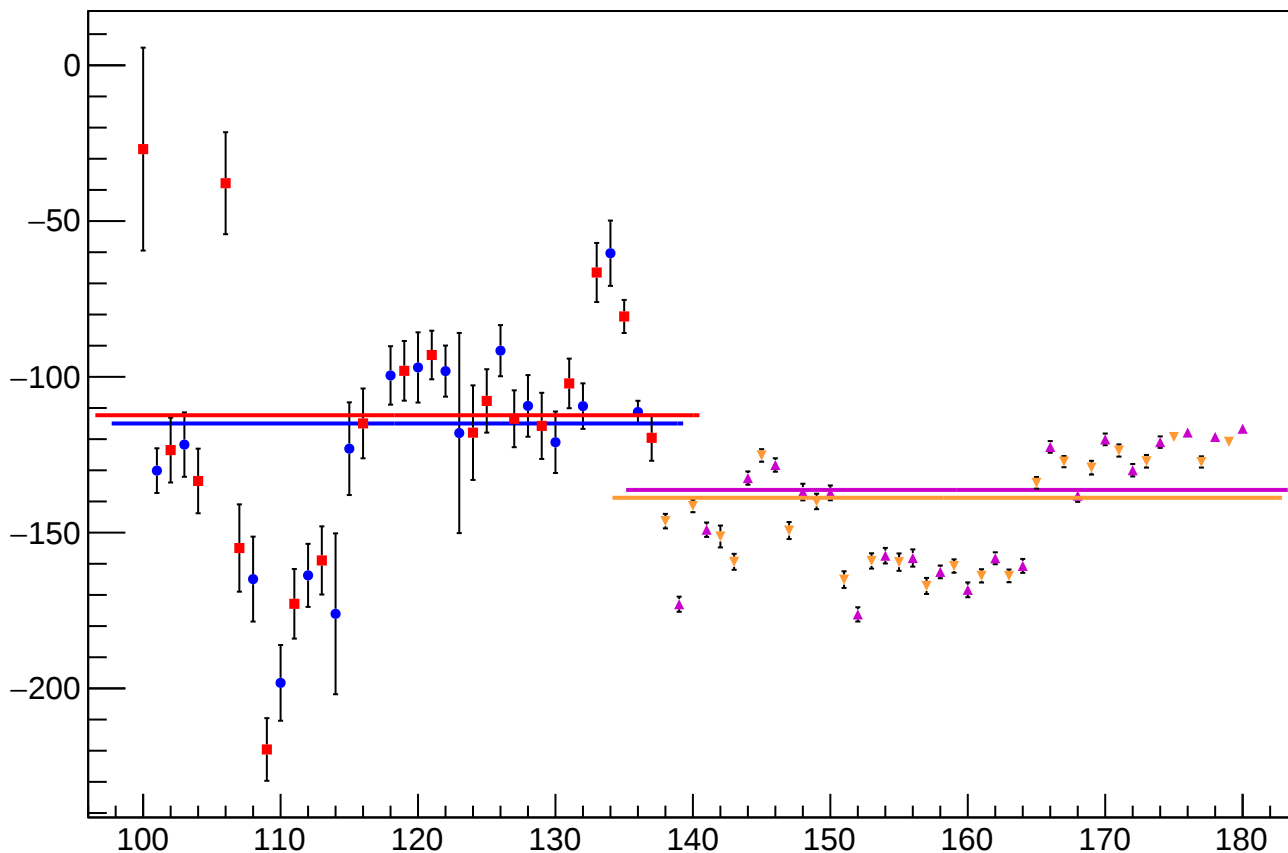
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -27.972 ± 0.328 $\chi^2/\text{NDF}: 2681.7/37$

Out: -28.377 ± 0.330 $\chi^2/\text{NDF}: 2080.0/40$

All: -28.174 ± 0.233 $\chi^2/\text{NDF}: 4762.5/78$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



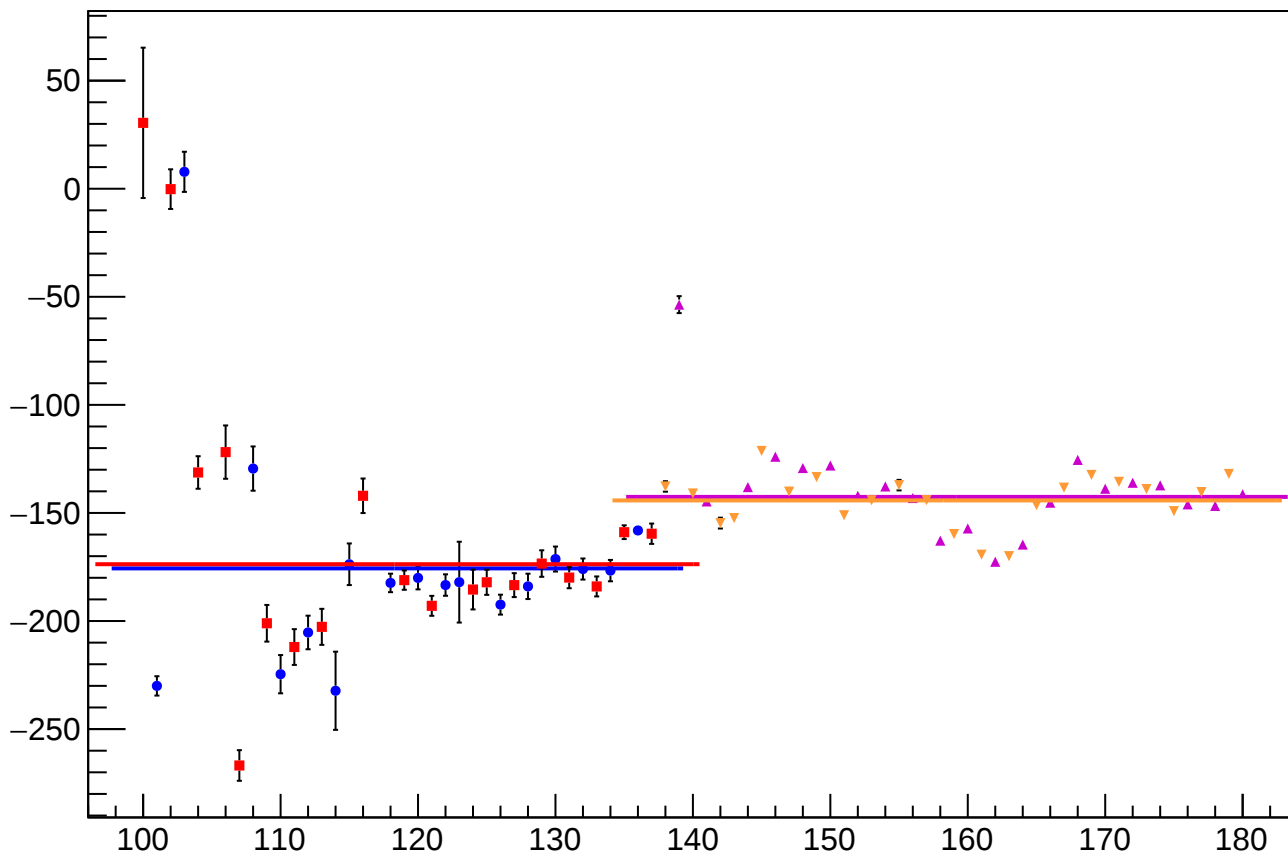
Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$
 Left Out: -138.809 ± 0.447 $\chi^2/\text{NDF}: 1410.9/21$
 Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$
 Left In: -136.291 ± 0.430 $\chi^2/\text{NDF}: 2056.6/20$

Left: -137.502 ± 0.310 $\chi^2/\text{NDF}: 3484.0/42$
 Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -135.412 ± 0.421 $\chi^2/\text{NDF}: 2299.3/37$
 Out: -137.763 ± 0.438 $\chi^2/\text{NDF}: 1823.6/40$

All: -136.542 ± 0.304 $\chi^2/\text{NDF}: 4137.8/78$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -144.209 ± 0.388 χ^2/NDF : 987.6/21

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -142.575 ± 0.384 χ^2/NDF : 1540.3/20

Left: -143.384 ± 0.273 χ^2/NDF : 2536.9/42

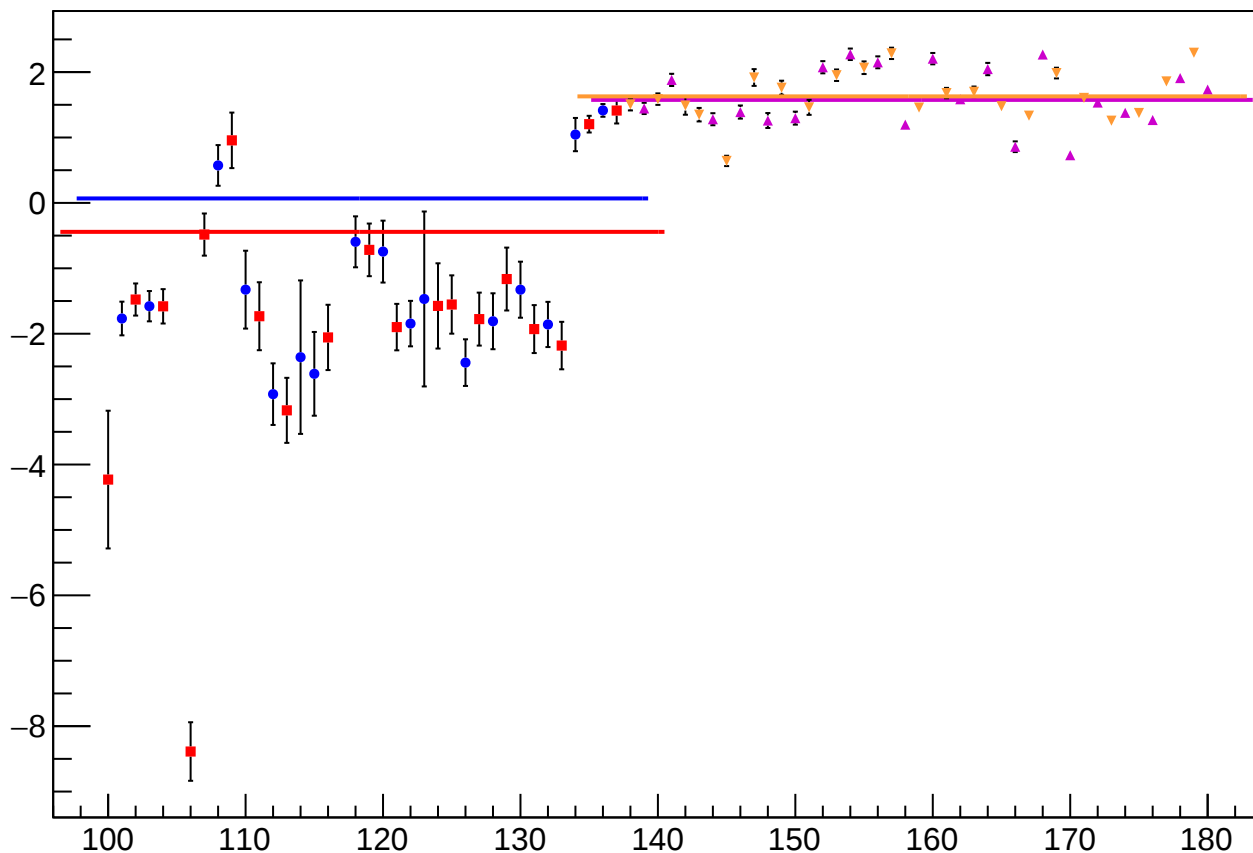
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -145.345 ± 0.367 χ^2/NDF : 2854.7/37

Out: -146.443 ± 0.373 χ^2/NDF : 2164.4/40

All: -145.886 ± 0.262 χ^2/NDF : 5023.5/78

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.629 ± 0.018 χ^2/NDF : 451.6/21

Right Out: -0.443 ± 0.071 χ^2/NDF : 755.9/18

Left In: 1.575 ± 0.017 χ^2/NDF : 653.0/20

Left: 1.601 ± 0.012 χ^2/NDF : 1109.2/42

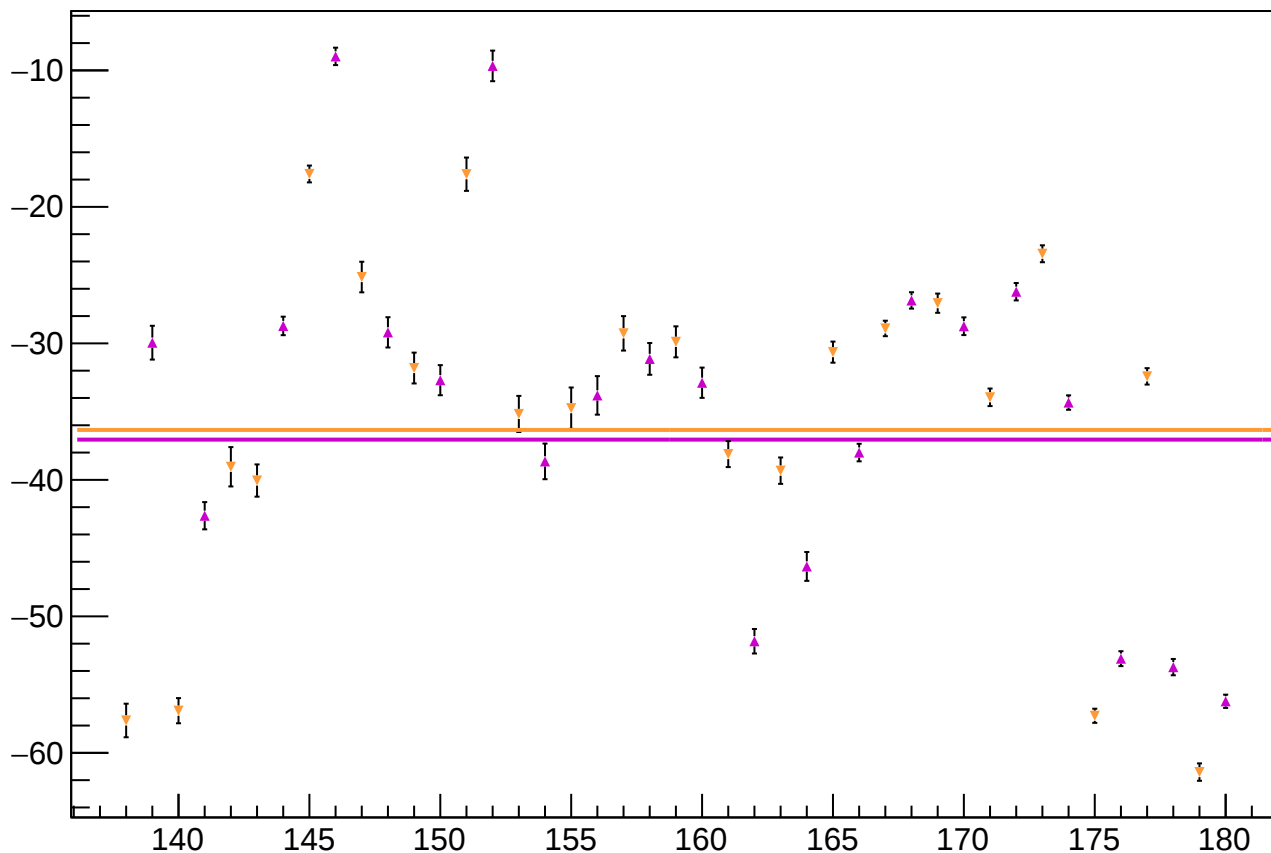
Right: -0.172 ± 0.049 χ^2/NDF : 1309.1/35

In: 1.480 ± 0.017 χ^2/NDF : 1652.4/37

Out: 1.506 ± 0.017 χ^2/NDF : 2006.3/40

All: 1.492 ± 0.012 χ^2/NDF : 3659.9/78

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.340+/-0.173 χ^2/NDF :6223.3/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.051+/-0.163 χ^2/NDF :7172.5/20

Left: -36.717+/-0.119 χ^2/NDF : 13404.7/42

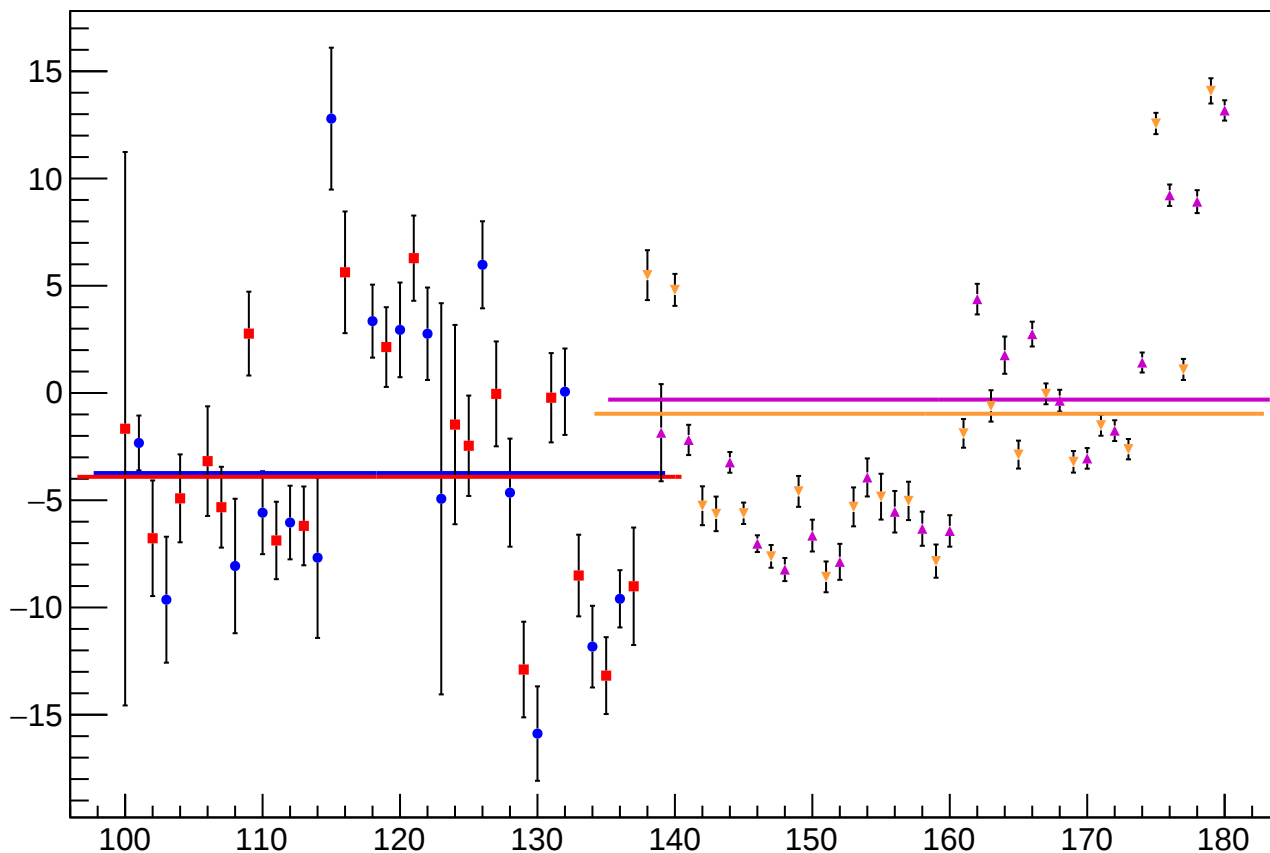
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.051+/-0.163 χ^2/NDF :7172.5/20

Out: -36.340+/-0.173 χ^2/NDF :6223.3/21

All: -36.717+/-0.119 χ^2/NDF : 13404.7/42

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -0.967 ± 0.133 χ^2/NDF : 2125.5/21

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -0.309 ± 0.128 χ^2/NDF : 2484.6/20

Left: -0.625 ± 0.092 χ^2/NDF : 4622.7/42

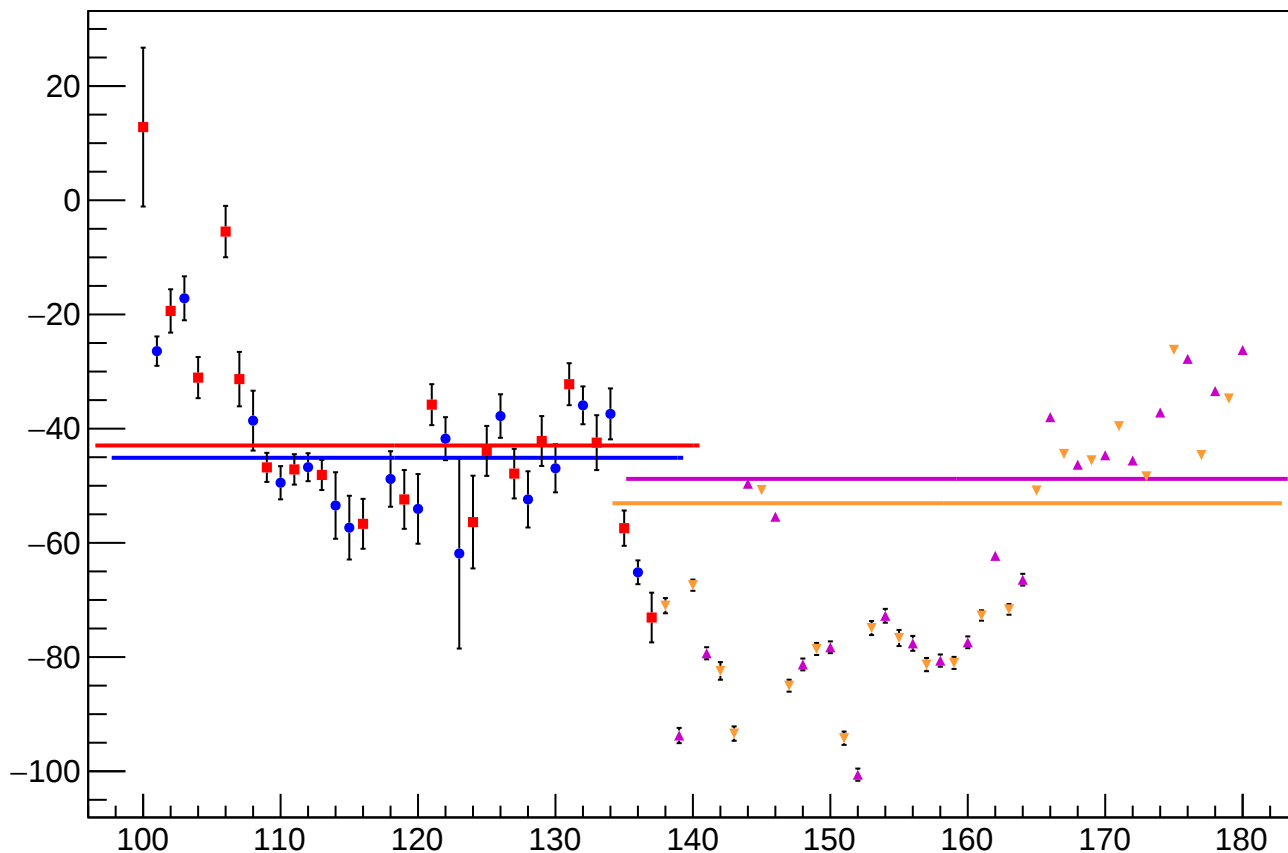
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -0.524 ± 0.124 χ^2/NDF : 2695.1/37

Out: -1.158 ± 0.129 χ^2/NDF : 2281.8/40

All: -0.829 ± 0.089 χ^2/NDF : 4989.4/78

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -53.058 ± 0.174 χ^2/NDF : 11848.0/21

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -48.795 ± 0.164 χ^2/NDF : 14388.5/20

Left: -50.798 ± 0.119 χ^2/NDF : 26555.9/42

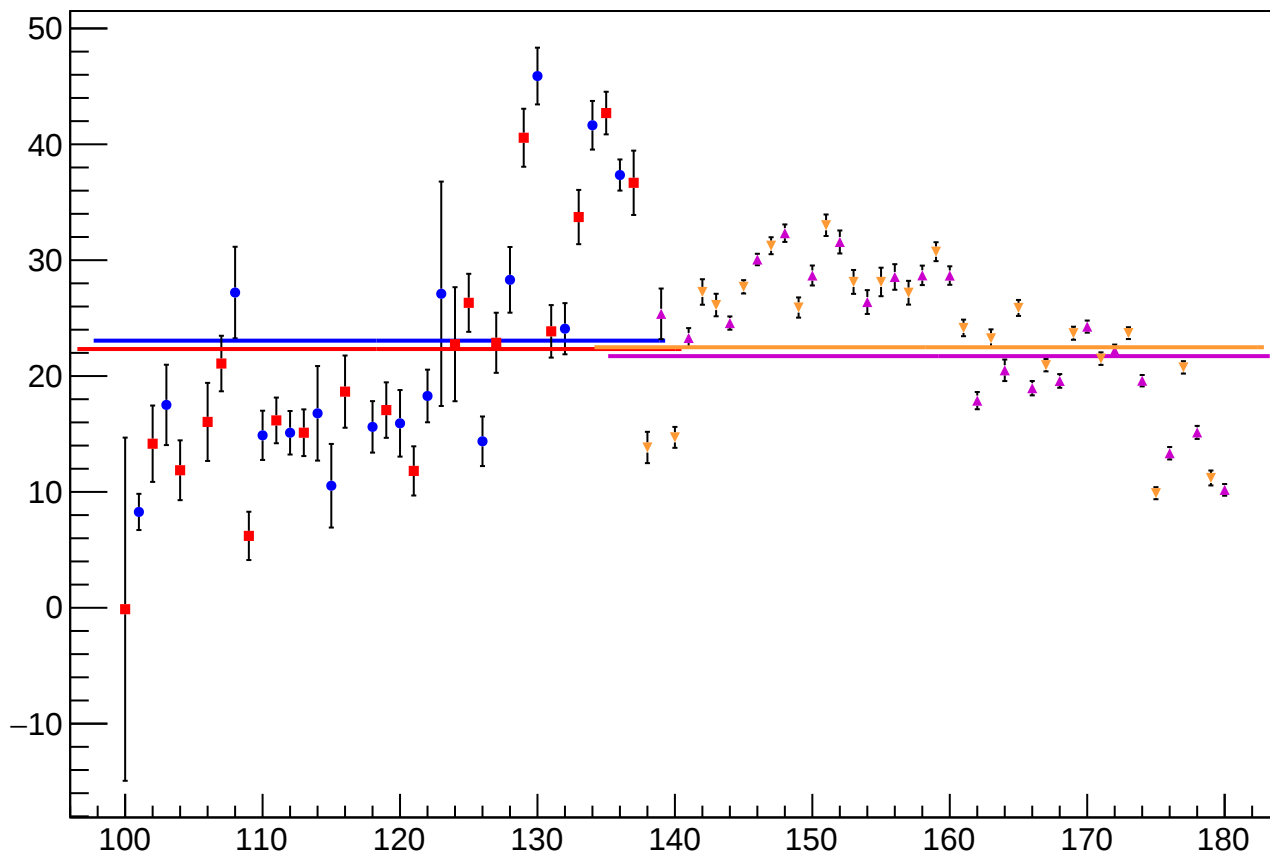
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -48.672 ± 0.161 χ^2/NDF : 14635.9/37

Out: -52.677 ± 0.170 χ^2/NDF : 12224.9/40

All: -50.559 ± 0.117 χ^2/NDF : 27153.1/78

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 ± 0.557 $\chi^2/\text{NDF}: 461.1/16$

Left Out: 22.485 ± 0.150 $\chi^2/\text{NDF}: 1643.9/21$

Right Out: 22.331 ± 0.572 $\chi^2/\text{NDF}: 371.1/18$

Left In: 21.719 ± 0.145 $\chi^2/\text{NDF}: 1887.4/20$

Left: 22.087 ± 0.104 $\chi^2/\text{NDF}: 3544.8/42$

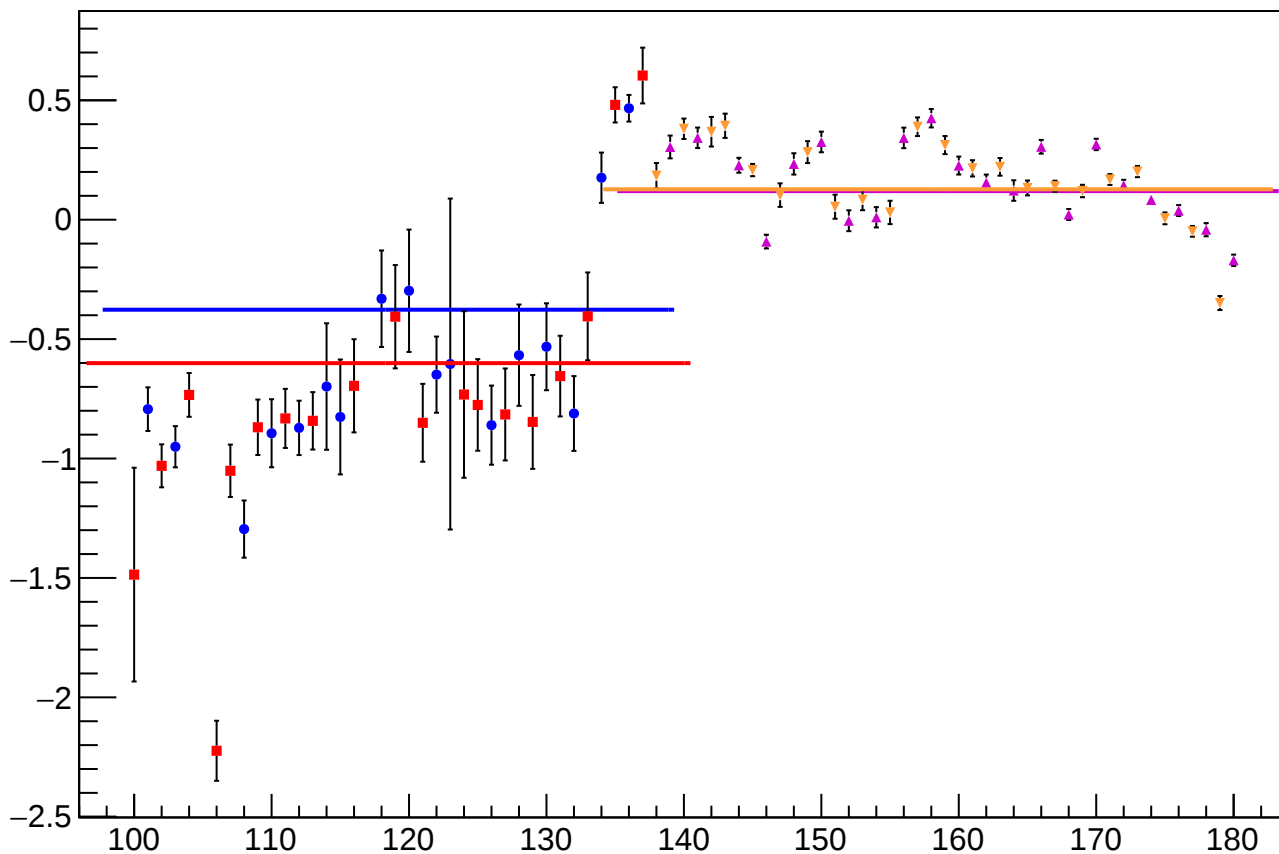
Right: 22.703 ± 0.399 $\chi^2/\text{NDF}: 833.0/35$

In: 21.803 ± 0.140 $\chi^2/\text{NDF}: 2353.9/37$

Out: 22.476 ± 0.145 $\chi^2/\text{NDF}: 2015.0/40$

All: 22.127 ± 0.101 $\chi^2/\text{NDF}: 4380.0/78$

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: 0.127 ± 0.007 $\chi^2/\text{NDF}: 550.2/21$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.120 ± 0.007 $\chi^2/\text{NDF}: 577.7/20$

Left: 0.123 ± 0.005 $\chi^2/\text{NDF}: 1128.6/42$

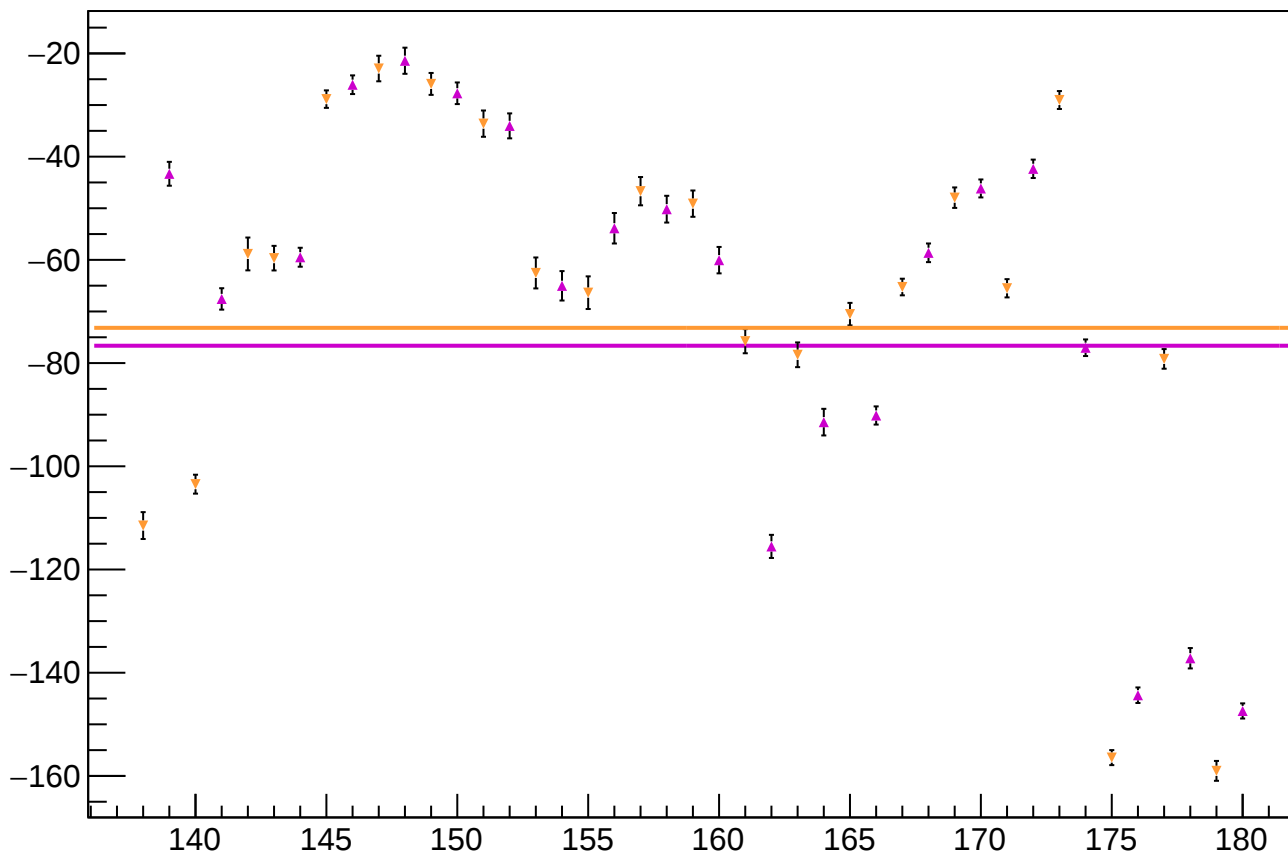
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.097 ± 0.006 $\chi^2/\text{NDF}: 1274.6/37$

Out: 0.091 ± 0.007 $\chi^2/\text{NDF}: 1658.4/40$

All: 0.094 ± 0.005 $\chi^2/\text{NDF}: 2933.3/78$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -73.171+/-0.448 χ^2/NDF : 8705.0/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -76.638+/-0.435 χ^2/NDF : 9106.0/20

Left: -74.956+/-0.312 χ^2/NDF : 17841.9/42

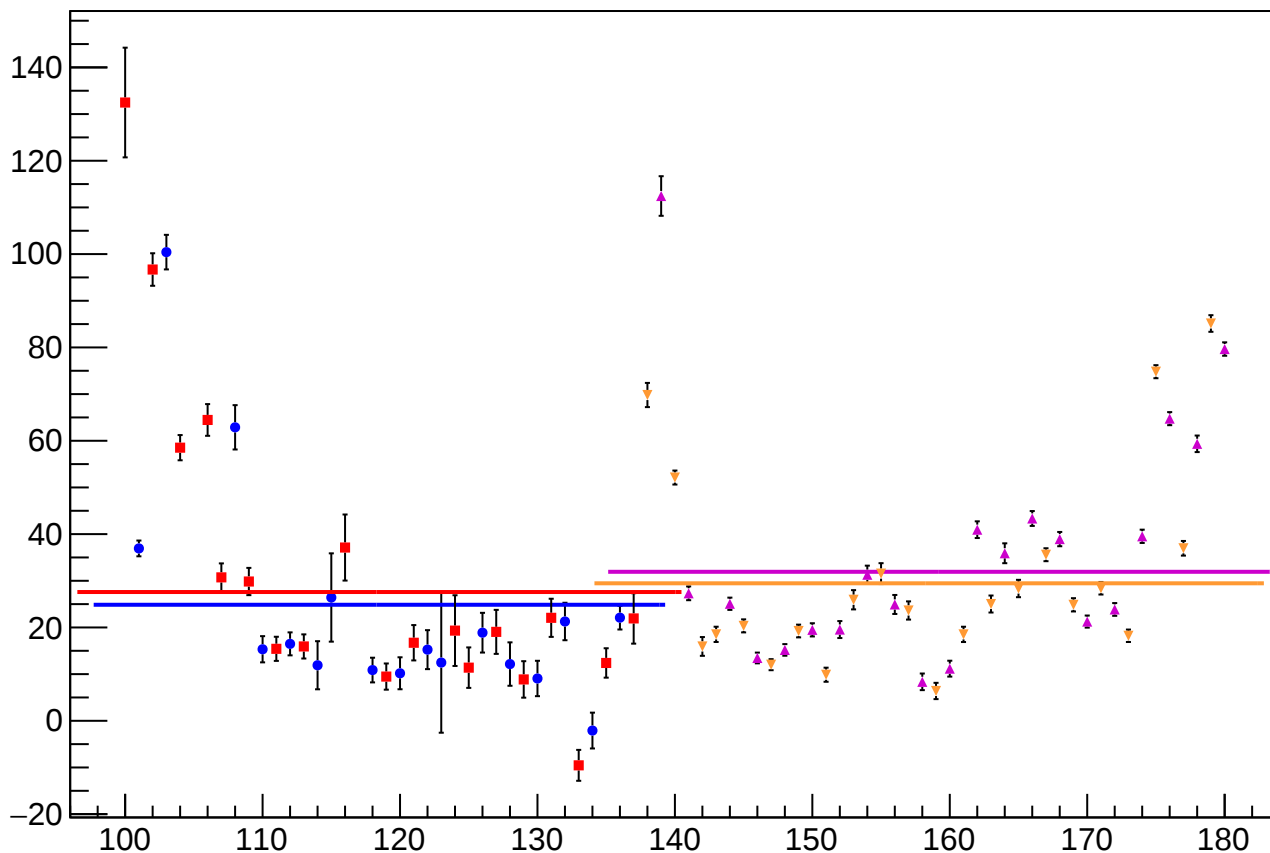
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -76.638+/-0.435 χ^2/NDF : 9106.0/20

Out: -73.171+/-0.448 χ^2/NDF : 8705.0/21

All: -74.956+/-0.312 χ^2/NDF : 17841.9/42

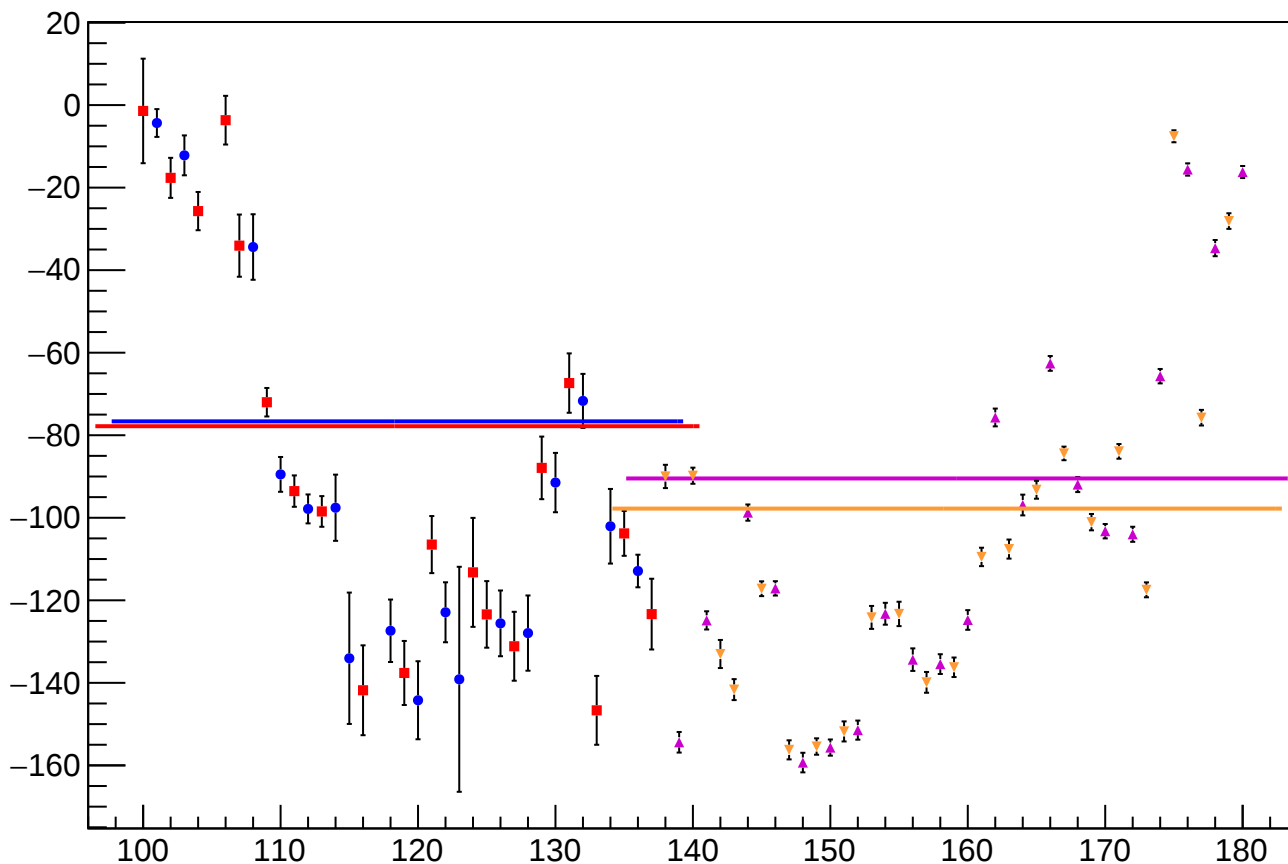
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16
 Left Out: 29.461 ± 0.338 χ^2/NDF : 3434.7/21
 Right Out: 27.593 ± 0.810 χ^2/NDF : 1010.9/18
 Left In: 31.927 ± 0.338 χ^2/NDF : 3416.6/20

Left: 30.693 ± 0.239 χ^2/NDF : 6877.9/42
 Right: 26.215 ± 0.570 χ^2/NDF : 1707.7/35
 In: 30.861 ± 0.312 χ^2/NDF : 4173.5/37
 Out: 29.184 ± 0.312 χ^2/NDF : 4450.1/40
 All: 30.023 ± 0.220 χ^2/NDF : 8638.1/78

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -97.774 ± 0.447 $\chi^2/\text{NDF}: 8853.2/21$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -90.476 ± 0.433 $\chi^2/\text{NDF}: 11290.7/20$

Left: -94.011 ± 0.311 $\chi^2/\text{NDF}: 20281.3/42$

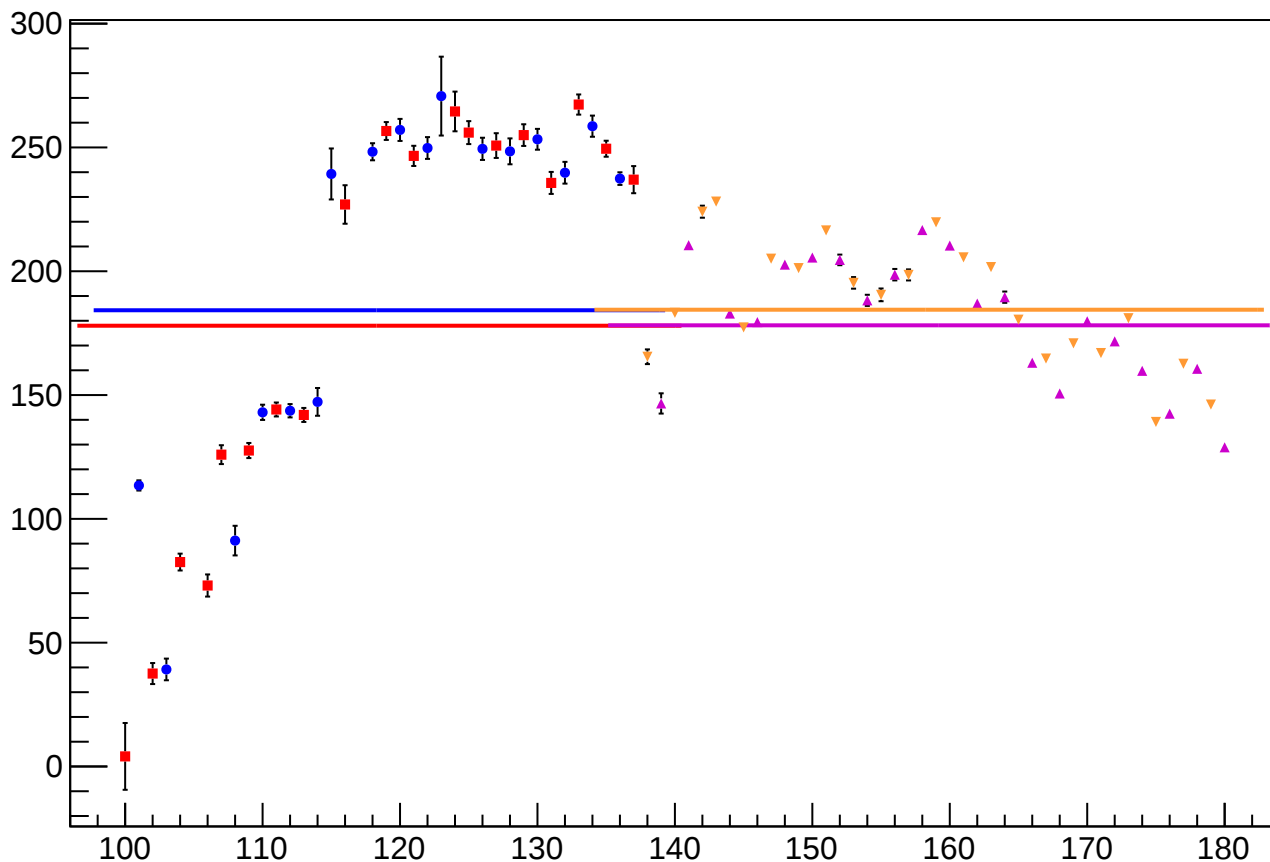
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -89.289 ± 0.414 $\chi^2/\text{NDF}: 12418.8/37$

Out: -95.807 ± 0.424 $\chi^2/\text{NDF}: 9922.9/40$

All: -92.470 ± 0.296 $\chi^2/\text{NDF}: 22462.5/78$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246+/-0.915 χ^2/NDF : 5388.6/16

Left Out: 184.464+/-0.384 χ^2/NDF : 3909.1/21

Right Out: 178.003+/-0.924 χ^2/NDF : 6338.0/18

Left In: 178.162+/-0.382 χ^2/NDF : 4076.9/20

Left: 181.294+/-0.271 χ^2/NDF : 8121.2/42

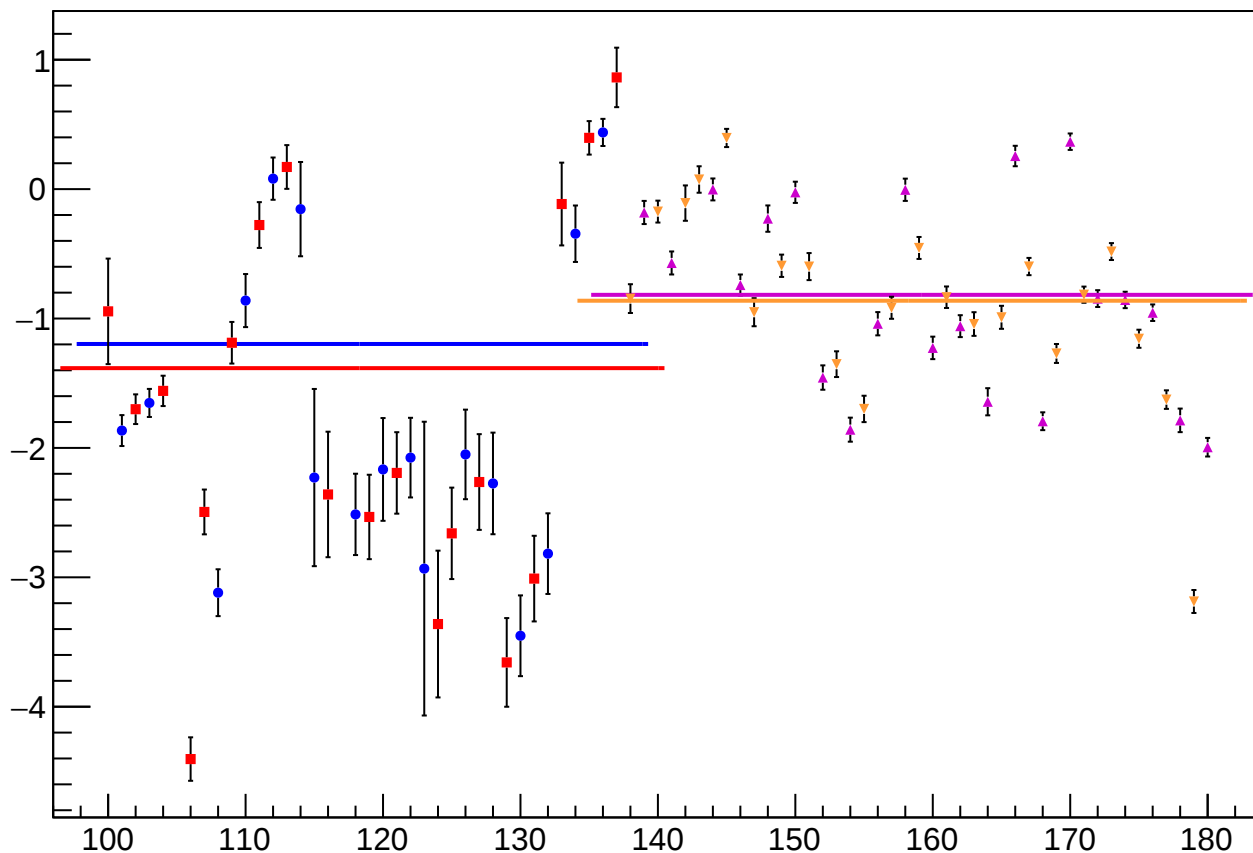
Right: 181.152+/-0.650 χ^2/NDF : 11749.6/35

In: 179.065+/-0.353 χ^2/NDF : 9503.2/37

Out: 183.510+/-0.355 χ^2/NDF : 10288.8/40

All: 181.273+/-0.250 χ^2/NDF : 19870.9/78

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.862 ± 0.018 χ^2/NDF : 1537.0/21

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.817 ± 0.017 χ^2/NDF : 1757.3/20

Left: -0.839 ± 0.012 χ^2/NDF : 3297.7/42

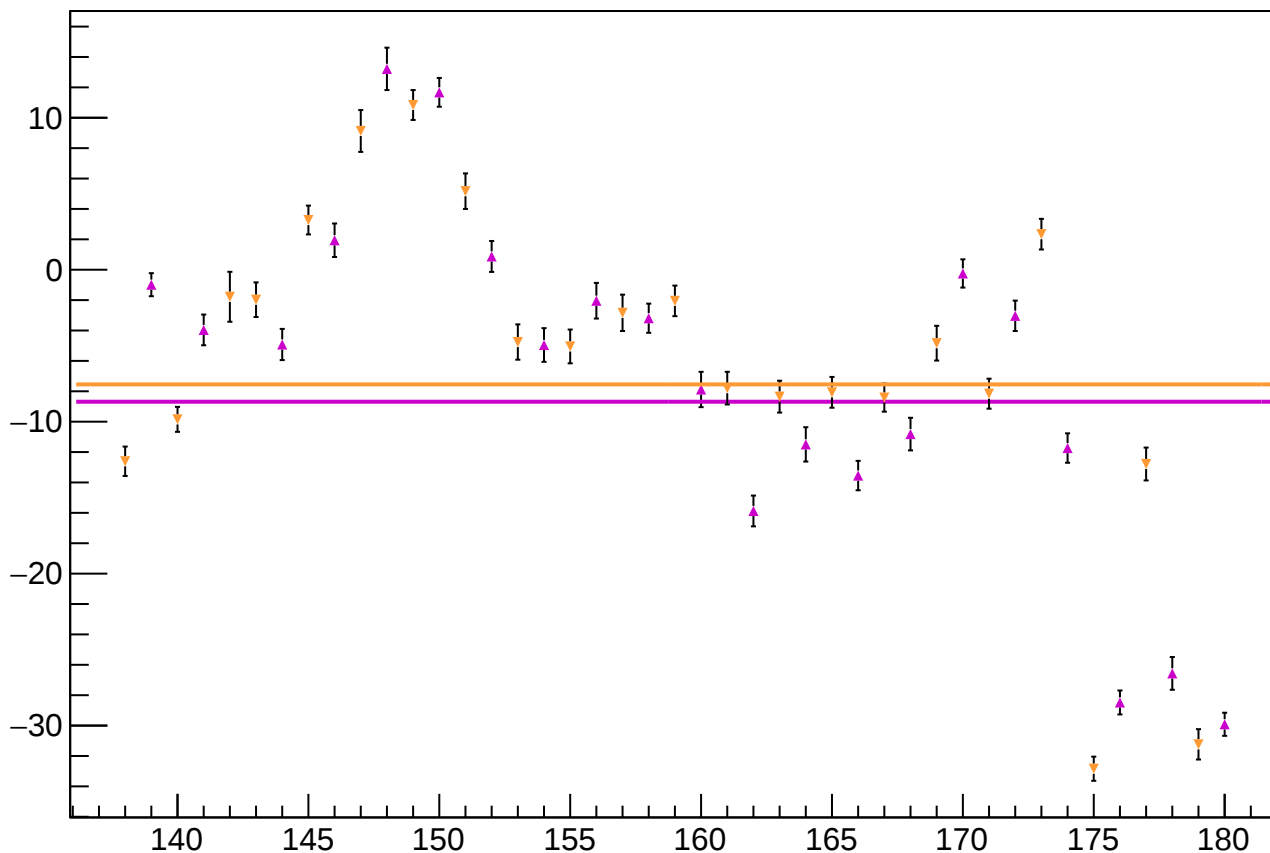
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.861 ± 0.016 χ^2/NDF : 2433.9/37

Out: -0.931 ± 0.017 χ^2/NDF : 2573.0/40

All: -0.895 ± 0.012 χ^2/NDF : 5015.9/78

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -7.548 $\pm$ 0.221 χ^2/NDF :2573.6/21

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -8.687 $\pm$ 0.215 χ^2/NDF :2997.6/20

Left: -8.132 $\pm$ 0.154 χ^2/NDF : 5584.8/42

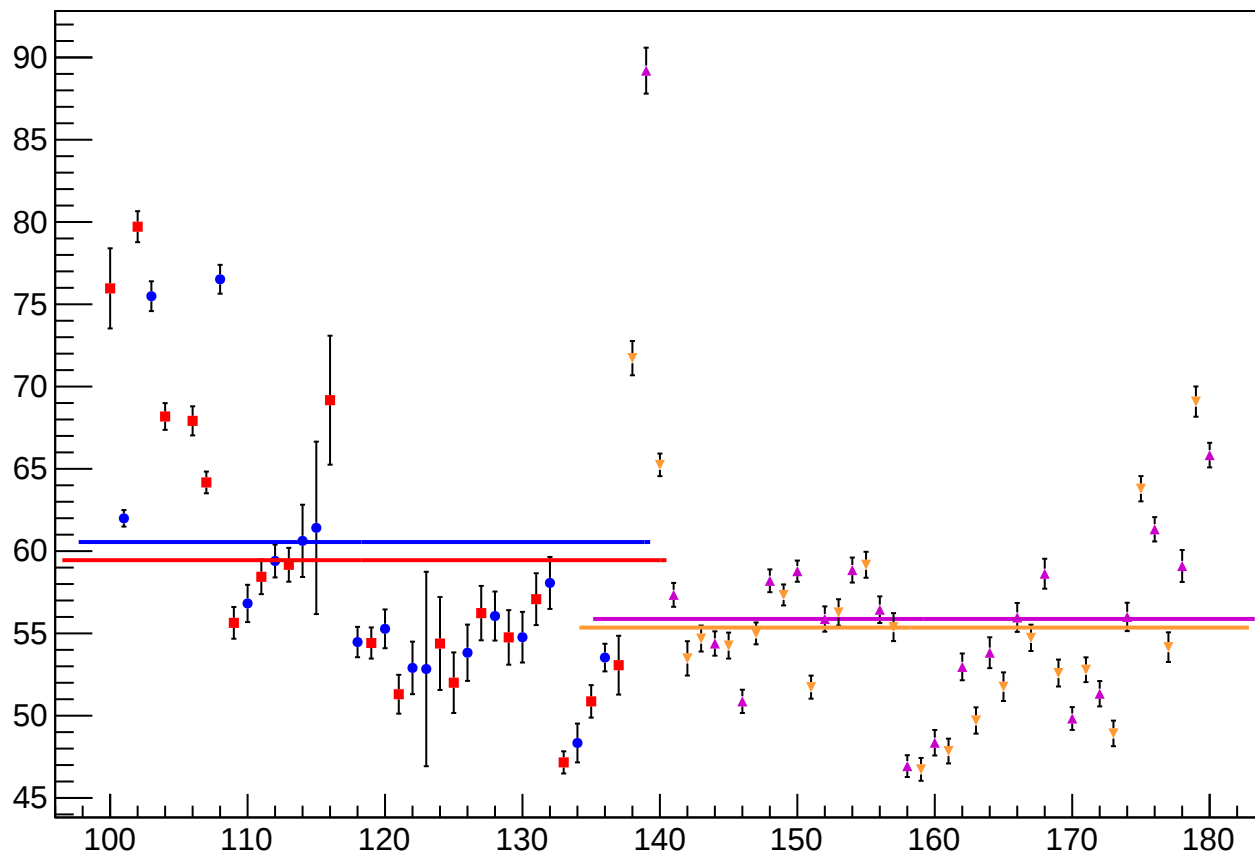
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -8.687 $\pm$ 0.215 χ^2/NDF :2997.6/20

Out: -7.548 $\pm$ 0.221 χ^2/NDF :2573.6/21

All: -8.132 $\pm$ 0.154 χ^2/NDF : 5584.8/42

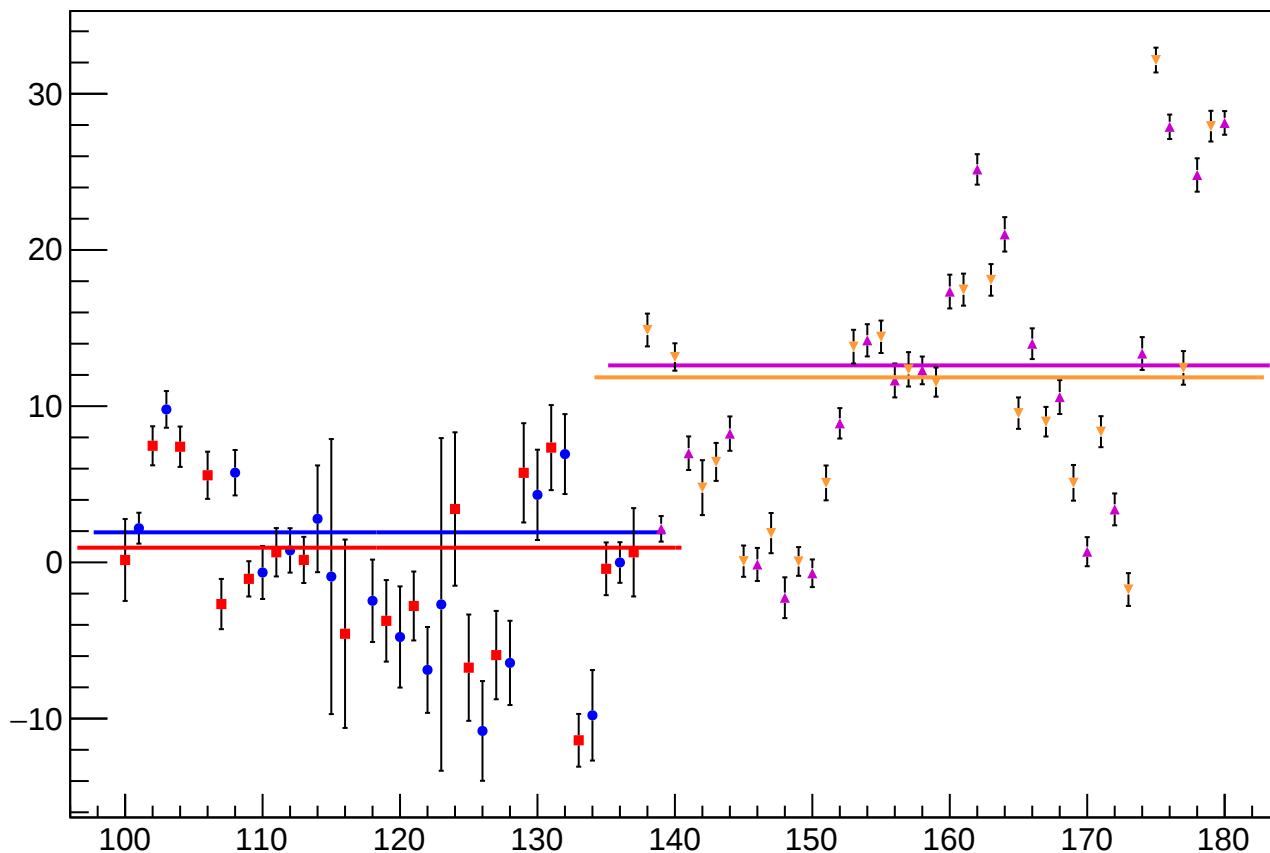
reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$
 Left Out: 55.354 ± 0.167 $\chi^2/\text{NDF}: 1279.9/21$
 Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$
 Left In: 55.879 ± 0.170 $\chi^2/\text{NDF}: 1331.7/20$

Left: 55.612 ± 0.119 $\chi^2/\text{NDF}: 2616.4/42$
 Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$
 In: 57.266 ± 0.143 $\chi^2/\text{NDF}: 2486.7/37$
 Out: 56.636 ± 0.139 $\chi^2/\text{NDF}: 2789.1/40$
 All: 56.942 ± 0.099 $\chi^2/\text{NDF}: 5285.9/78$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 11.844 ± 0.219 χ^2/NDF : 1674.9/21

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 12.609 ± 0.214 χ^2/NDF : 2151.3/20

Left: 12.237 ± 0.153 χ^2/NDF : 3832.4/42

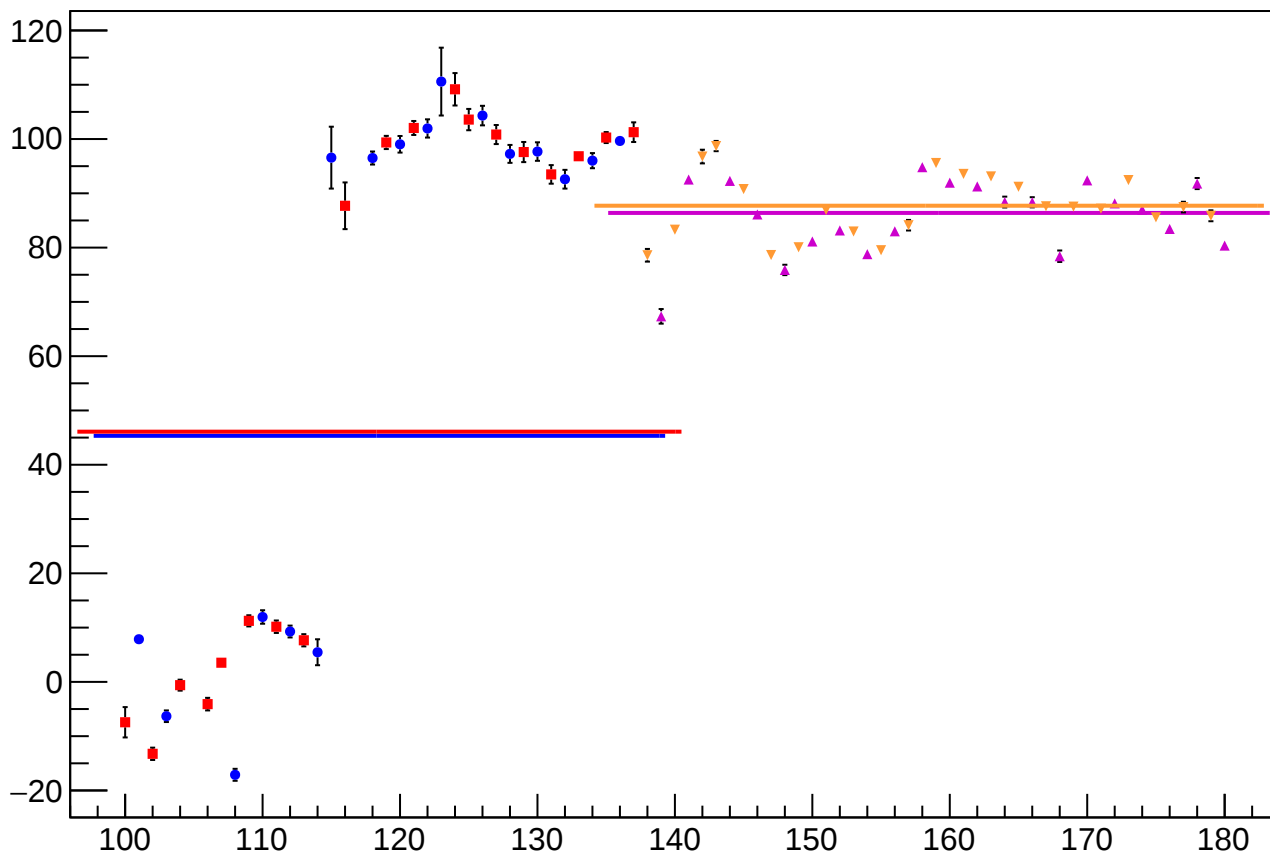
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 10.703 ± 0.194 χ^2/NDF : 2719.2/37

Out: 9.540 ± 0.195 χ^2/NDF : 2346.6/40

All: 10.126 ± 0.137 χ^2/NDF : 5083.7/78

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: 87.717 $\pm$ 0.190 χ^2 /NDF:880.3/21

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.388 $\pm$ 0.191 χ^2 /NDF:1023.2/20

Left: 87.056 $\pm$ 0.134 χ^2 /NDF: 1928.0/42

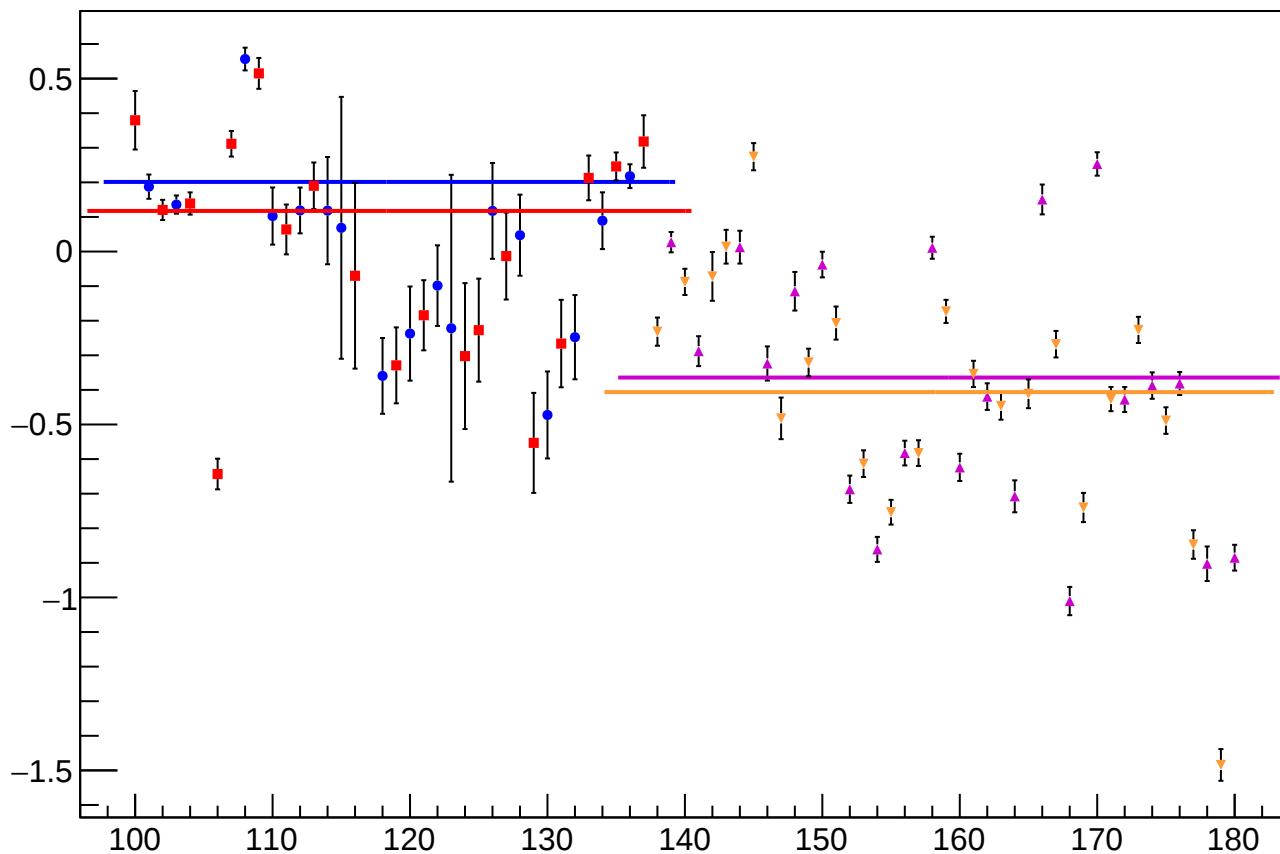
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 74.772 $\pm$ 0.161 χ^2 /NDF:39144.6/37

Out: 75.202 $\pm$ 0.159 χ^2 /NDF:43633.9/40

All: 74.991 $\pm$ 0.113 χ^2 /NDF: 82782.1/78

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.406 ± 0.009 χ^2/NDF : 1477.9/21

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.364 ± 0.008 χ^2/NDF : 1915.1/20

Left: -0.385 ± 0.006 χ^2/NDF : 3405.1/42

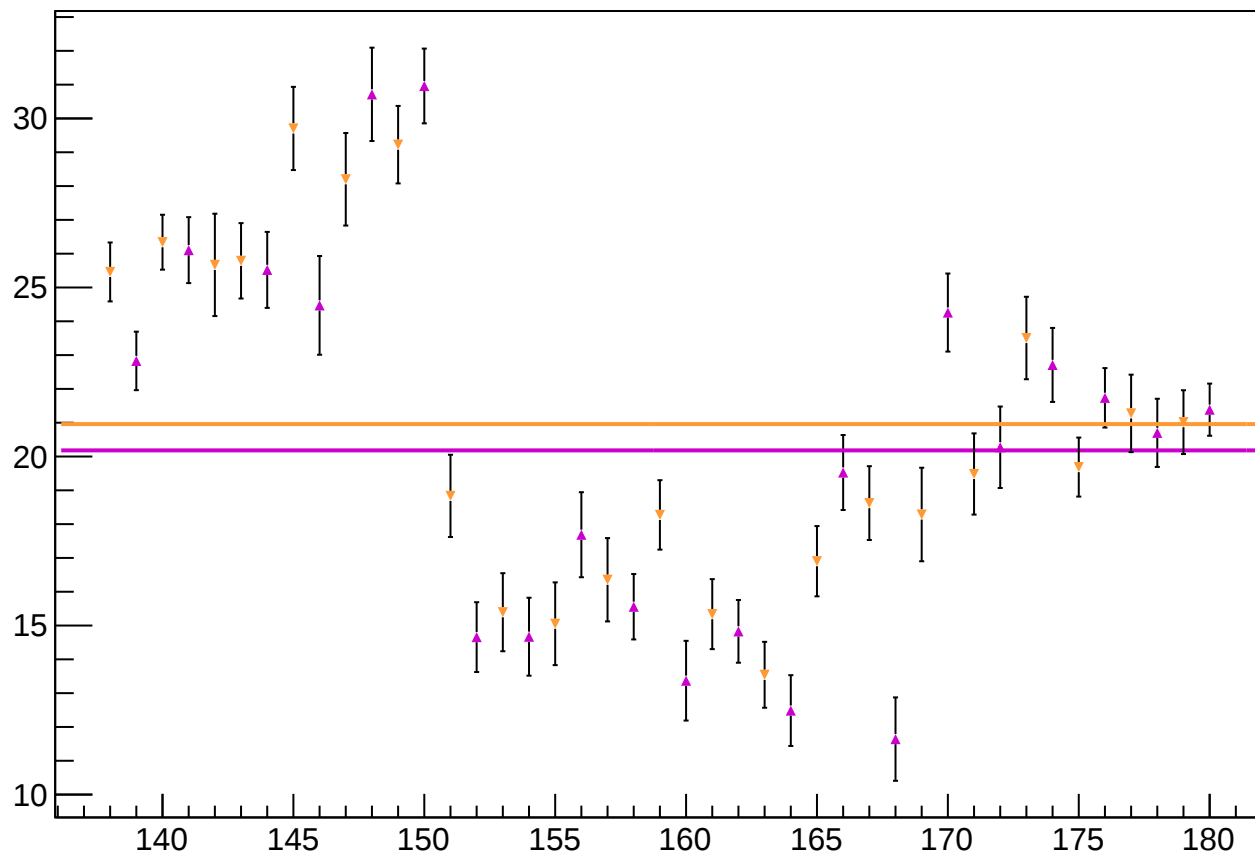
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.214 ± 0.007 χ^2/NDF : 3324.5/37

Out: -0.246 ± 0.007 χ^2/NDF : 3100.8/40

All: -0.230 ± 0.005 χ^2/NDF : 6434.9/78

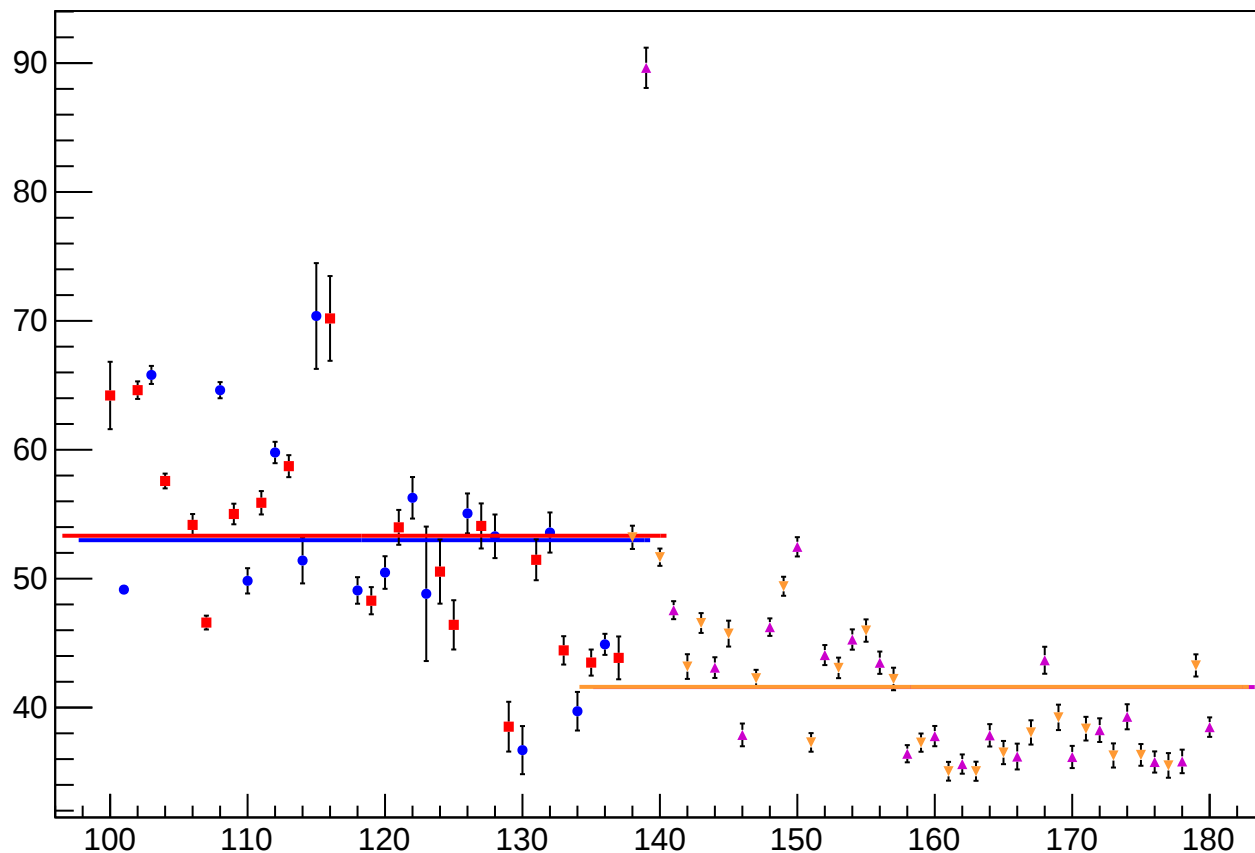
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 20.959 +/- 0.232 χ^2/NDF : 418.8/21
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 20.181 +/- 0.230 χ^2/NDF : 501.5/20

Left: 20.567 +/- 0.163 χ^2/NDF : 926.1/42
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 20.181 +/- 0.230 χ^2/NDF : 501.5/20
 Out: 20.959 +/- 0.232 χ^2/NDF : 418.8/21
 All: 20.567 +/- 0.163 χ^2/NDF : 926.1/42

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: 41.603 $\pm$ 0.175 χ^2 /NDF:1006.0/21

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 41.589 $\pm$ 0.180 χ^2 /NDF:1698.6/20

Left: 41.596 $\pm$ 0.125 χ^2 /NDF: 2704.7/42

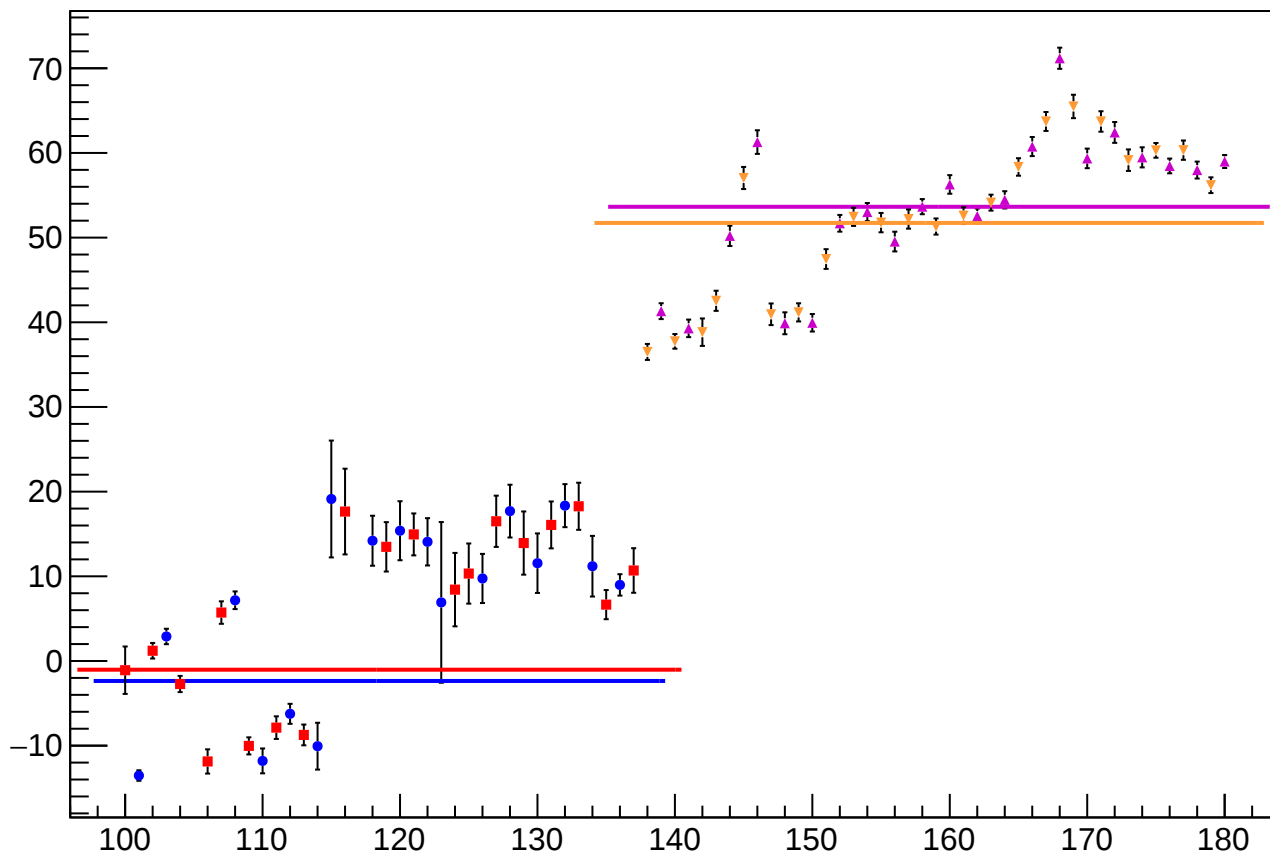
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 46.415 $\pm$ 0.137 χ^2 /NDF:4589.3/37

Out: 45.974 $\pm$ 0.138 χ^2 /NDF:3561.1/40

All: 46.197 $\pm$ 0.097 χ^2 /NDF: 8155.5/78

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 51.733 ± 0.230 χ^2/NDF : 1414.9/21

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 53.641 ± 0.228 χ^2/NDF : 1150.9/20

Left: 52.699 ± 0.162 χ^2/NDF : 2600.4/42

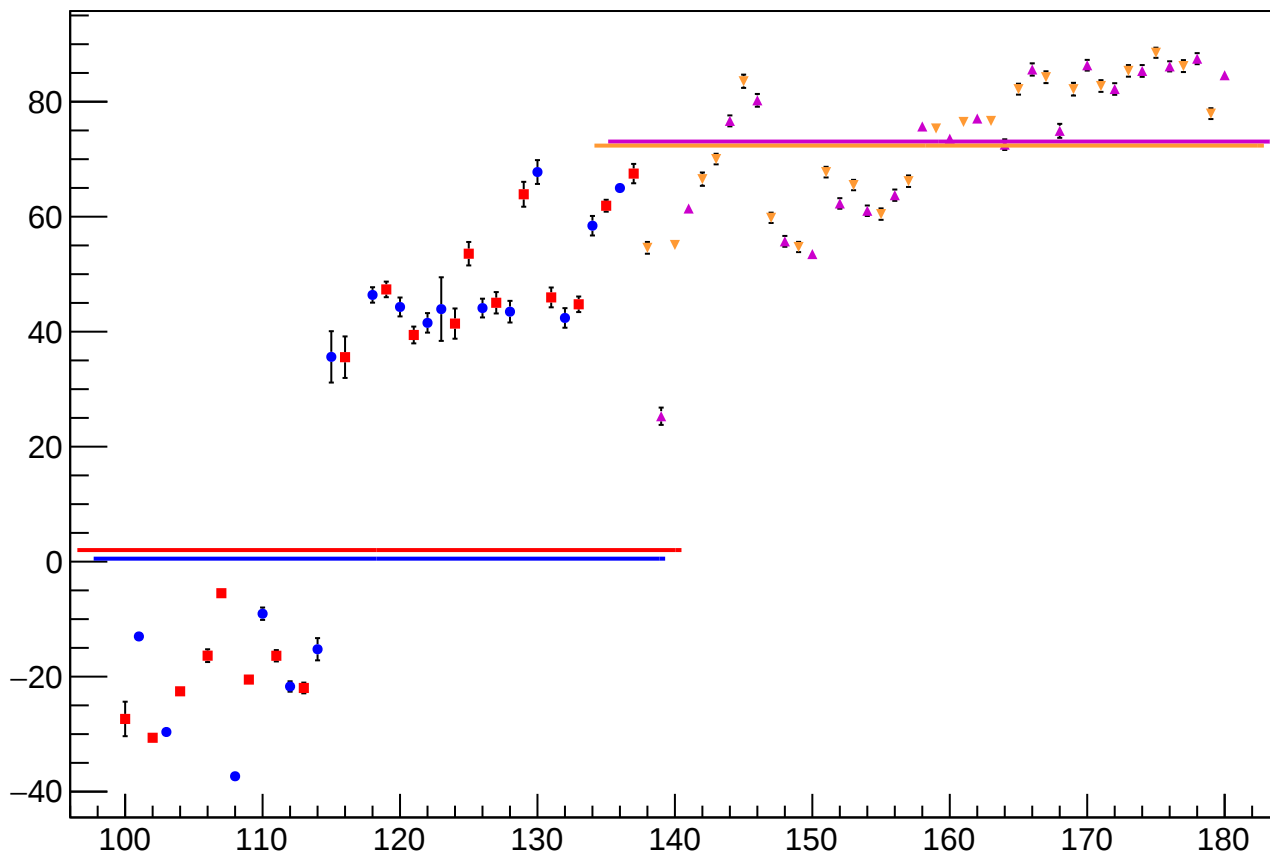
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 37.905 ± 0.193 χ^2/NDF : 18994.7/37

Out: 37.371 ± 0.197 χ^2/NDF : 16193.6/40

All: 37.643 ± 0.138 χ^2/NDF : 35192.1/78

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 $\chi^2/\text{NDF}: 18386.0/16$

Left Out: 72.364 ± 0.199 $\chi^2/\text{NDF}: 2945.5/21$

Right Out: 2.013 ± 0.266 $\chi^2/\text{NDF}: 15473.7/18$

Left In: 73.067 ± 0.202 $\chi^2/\text{NDF}: 3765.8/20$

Left: 72.709 ± 0.142 $\chi^2/\text{NDF}: 6717.4/42$

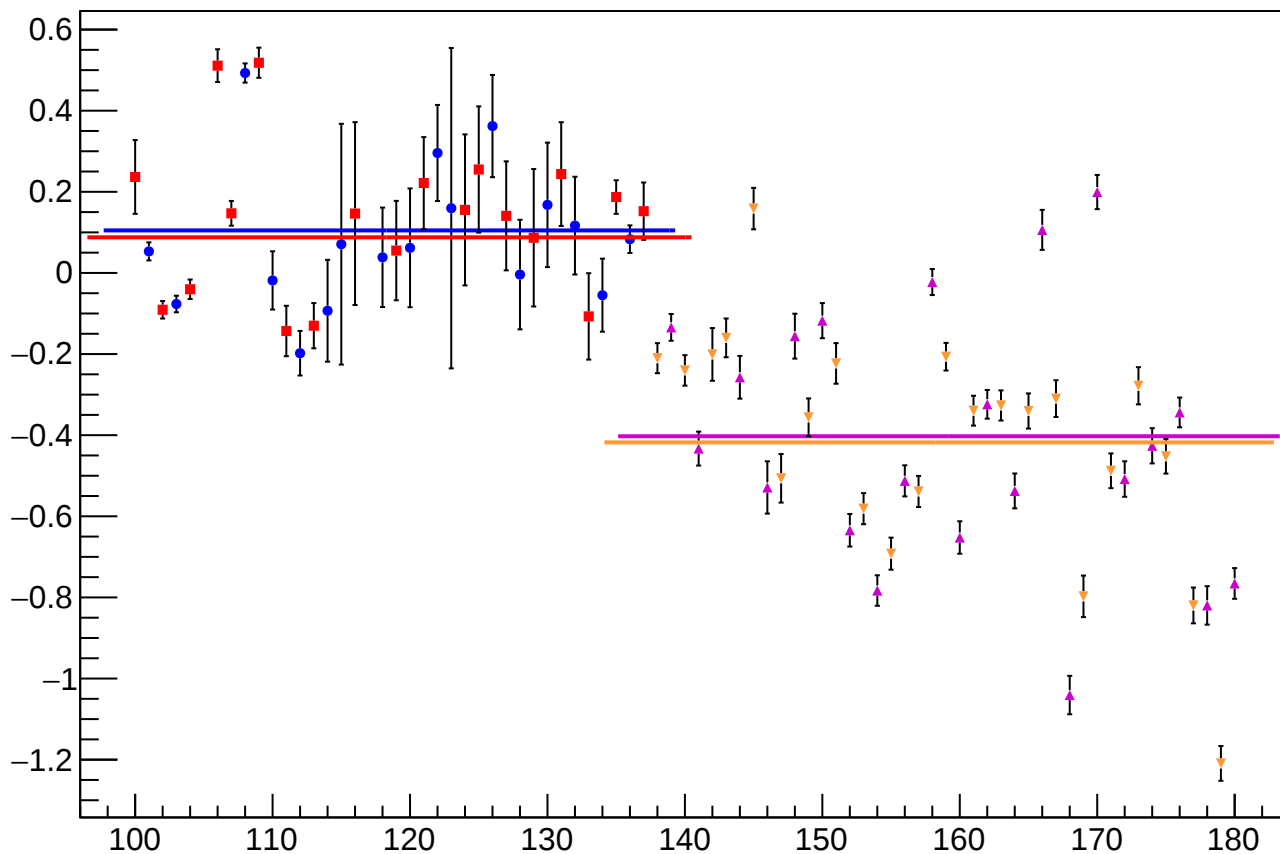
Right: 1.209 ± 0.181 $\chi^2/\text{NDF}: 33876.6/35$

In: 43.929 ± 0.156 $\chi^2/\text{NDF}: 73804.1/37$

Out: 47.204 ± 0.159 $\chi^2/\text{NDF}: 63235.2/40$

All: 45.537 ± 0.112 $\chi^2/\text{NDF}: 137254.6/78$

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: -0.418 ± 0.009 $\chi^2/\text{NDF}: 865.9/21$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.403 ± 0.009 $\chi^2/\text{NDF}: 1149.1/20$

Left: -0.410 ± 0.006 $\chi^2/\text{NDF}: 2016.4/42$

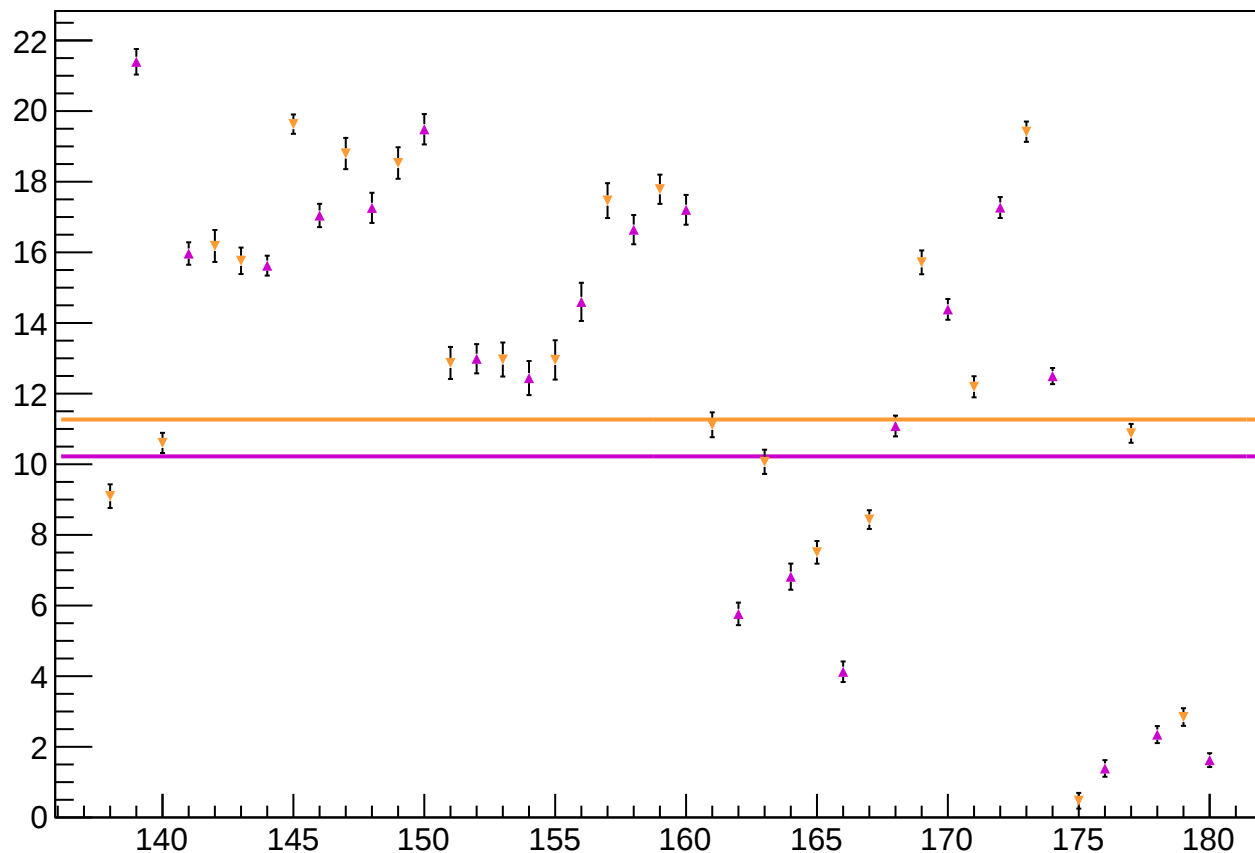
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.199 ± 0.007 $\chi^2/\text{NDF}: 2816.0/37$

Out: -0.212 ± 0.007 $\chi^2/\text{NDF}: 2507.3/40$

All: -0.205 ± 0.005 $\chi^2/\text{NDF}: 5324.9/78$

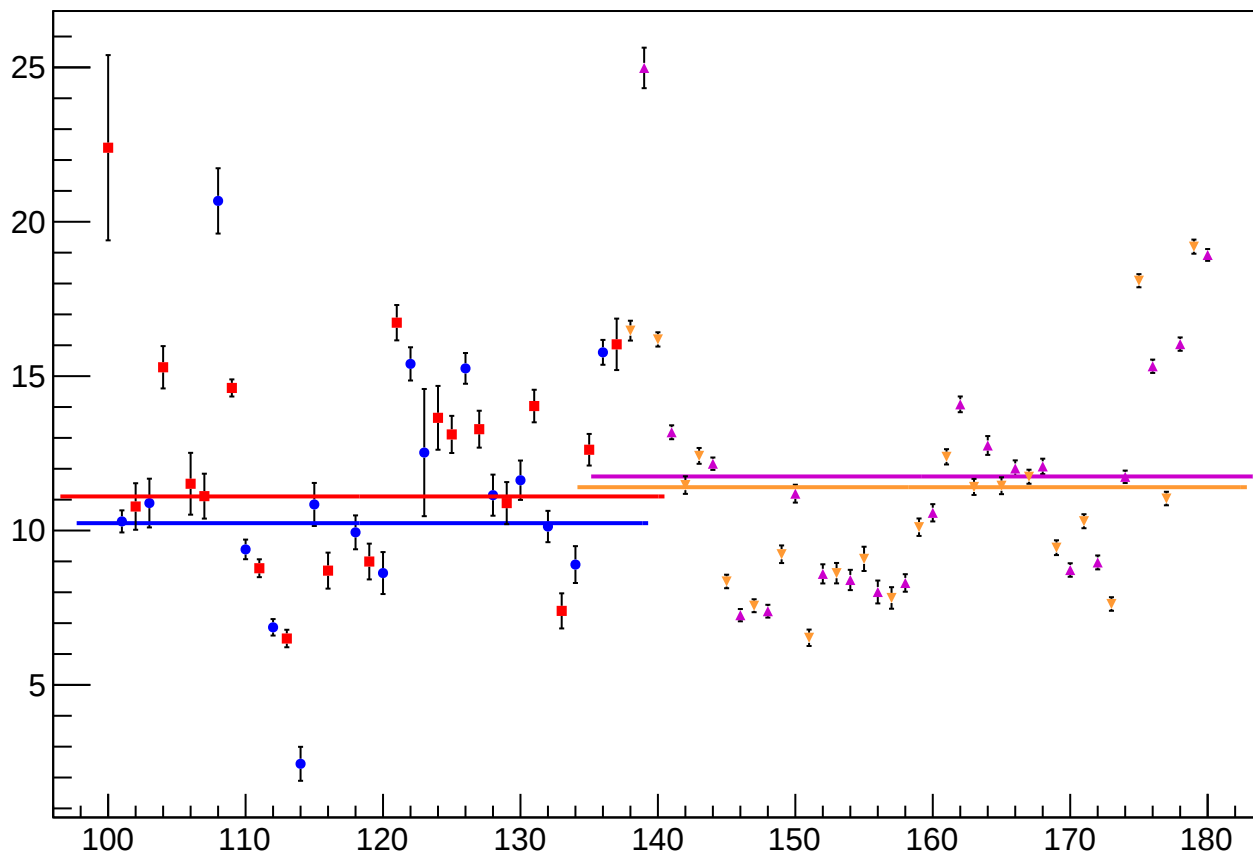
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 11.267 $\pm$ 0.070 χ^2/NDF :6980.8/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 10.223 $\pm$ 0.068 χ^2/NDF :9451.5/20

Left: 10.724 $\pm$ 0.049 χ^2/NDF : 16546.8/42
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 10.223 $\pm$ 0.068 χ^2/NDF :9451.5/20
 Out: 11.267 $\pm$ 0.070 χ^2/NDF :6980.8/21
 All: 10.724 $\pm$ 0.049 χ^2/NDF : 16546.8/42

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: 11.403 $\pm$ 0.054 χ^2 /NDF: 4404.0/21

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 11.751 $\pm$ 0.053 χ^2 /NDF: 4392.3/20

Left: 11.579 $\pm$ 0.038 χ^2 /NDF: 8817.4/42

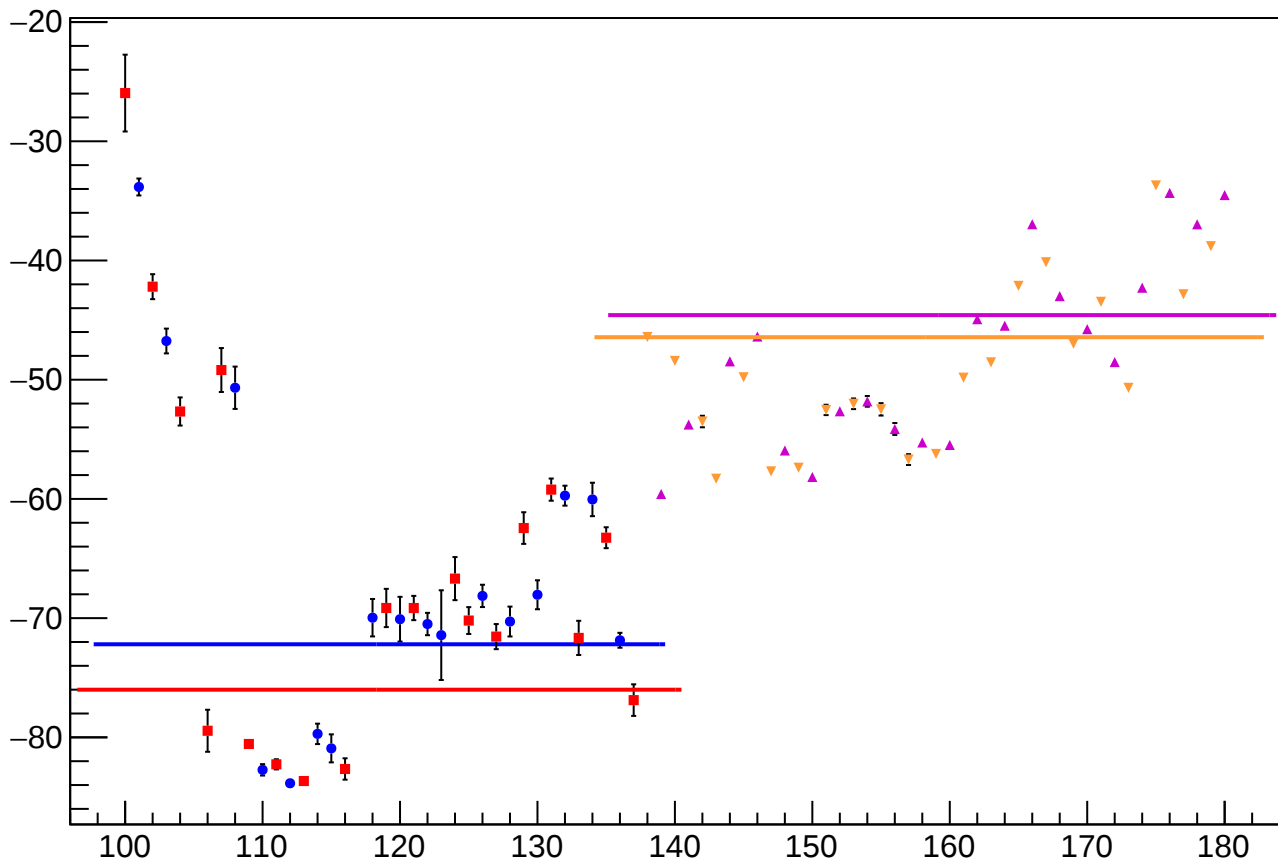
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 11.498 $\pm$ 0.049 χ^2 /NDF: 5394.0/37

Out: 11.351 $\pm$ 0.049 χ^2 /NDF: 5224.7/40

All: 11.425 $\pm$ 0.034 χ^2 /NDF: 10623.2/78

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -46.435 ± 0.071 $\chi^2/\text{NDF}: 9917.9/21$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -44.582 ± 0.068 $\chi^2/\text{NDF}: 13521.3/20$

Left: -45.468 ± 0.049 $\chi^2/\text{NDF}: 23799.4/42$

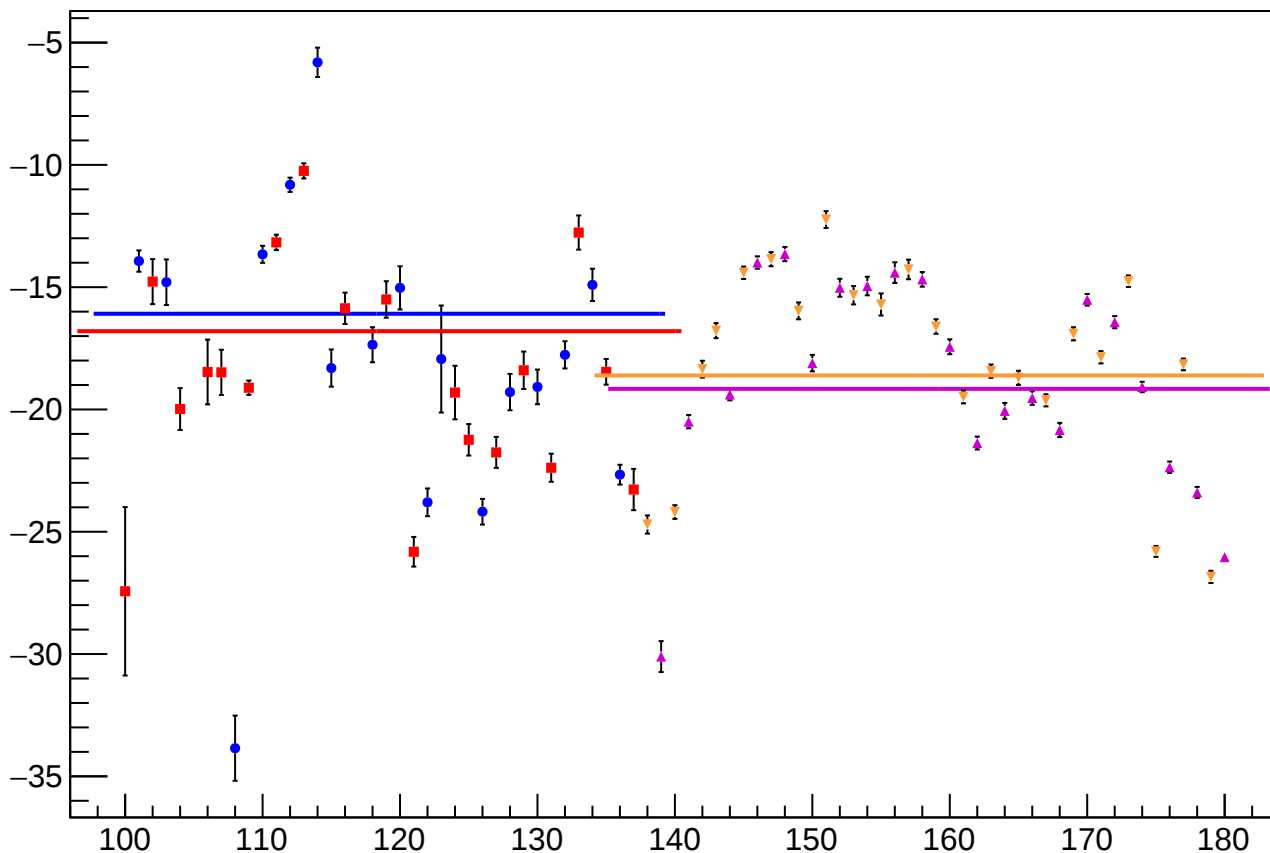
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -47.457 ± 0.064 $\chi^2/\text{NDF}: 36480.6/37$

Out: -50.334 ± 0.066 $\chi^2/\text{NDF}: 36564.5/40$

All: -48.856 ± 0.046 $\chi^2/\text{NDF}: 74029.3/78$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -18.609 ± 0.061 χ^2/NDF : 4390.5/21

Right Out: -16.798 ± 0.128 χ^2/NDF : 1214.0/18

Left In: -19.157 ± 0.060 χ^2/NDF : 3885.1/20

Left: -18.887 ± 0.043 χ^2/NDF : 8316.9/42

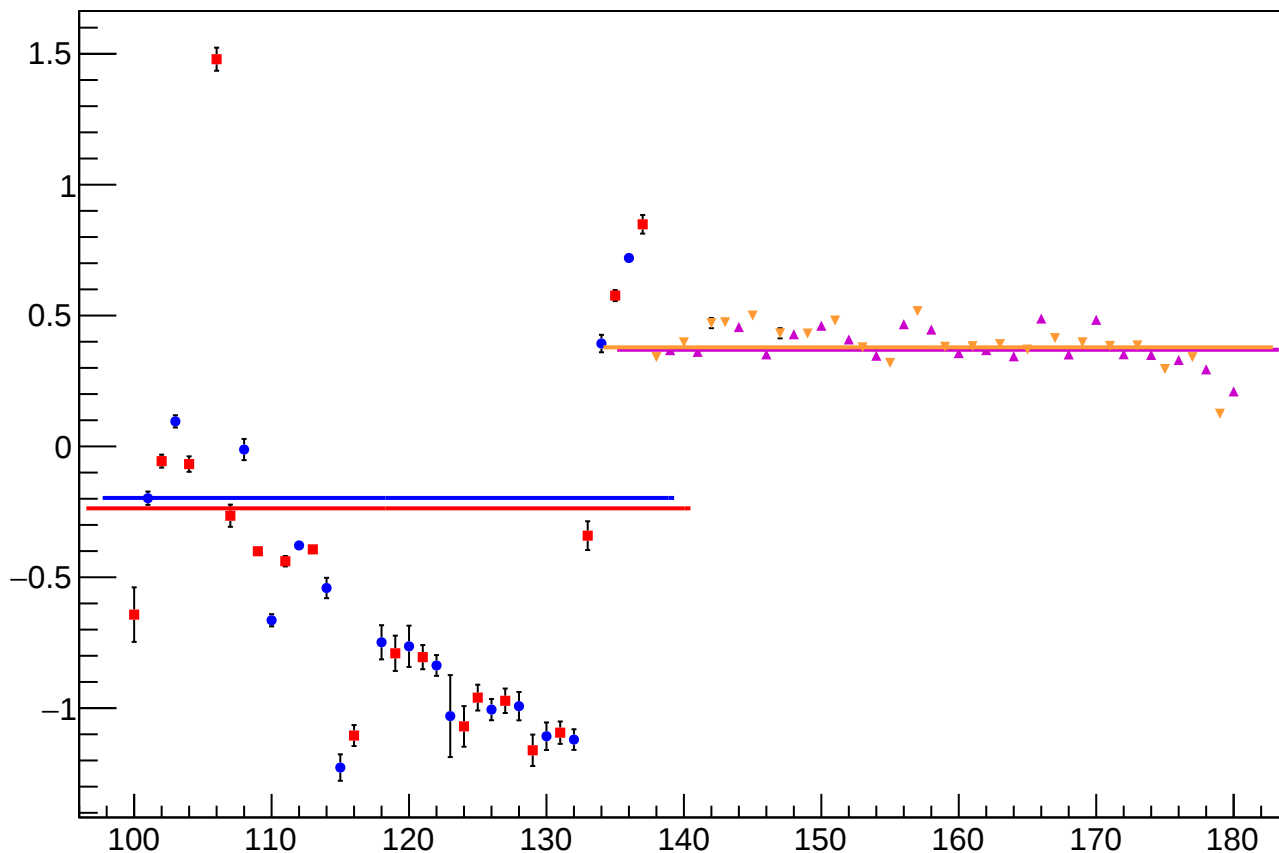
Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35

In: -18.634 ± 0.055 χ^2/NDF : 5953.0/37

Out: -18.275 ± 0.055 χ^2/NDF : 5767.4/40

All: -18.456 ± 0.039 χ^2/NDF : 11741.8/78

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.379 ± 0.003 χ^2/NDF : 899.8/21

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.369 ± 0.003 χ^2/NDF : 706.0/20

Left: 0.374 ± 0.002 χ^2/NDF : 1611.4/42

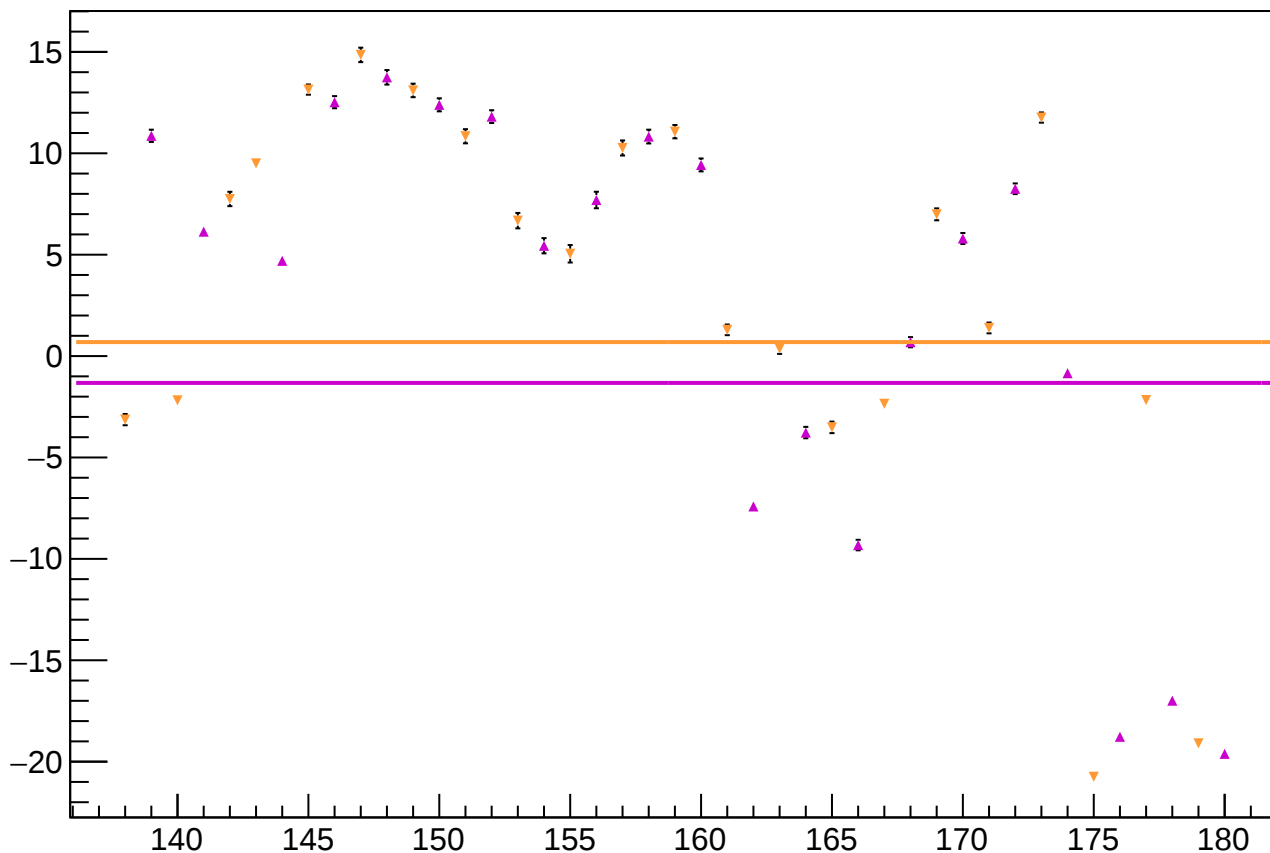
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.303 ± 0.003 χ^2/NDF : 12005.5/37

Out: 0.296 ± 0.003 χ^2/NDF : 13494.5/40

All: 0.300 ± 0.002 χ^2/NDF : 25503.5/78

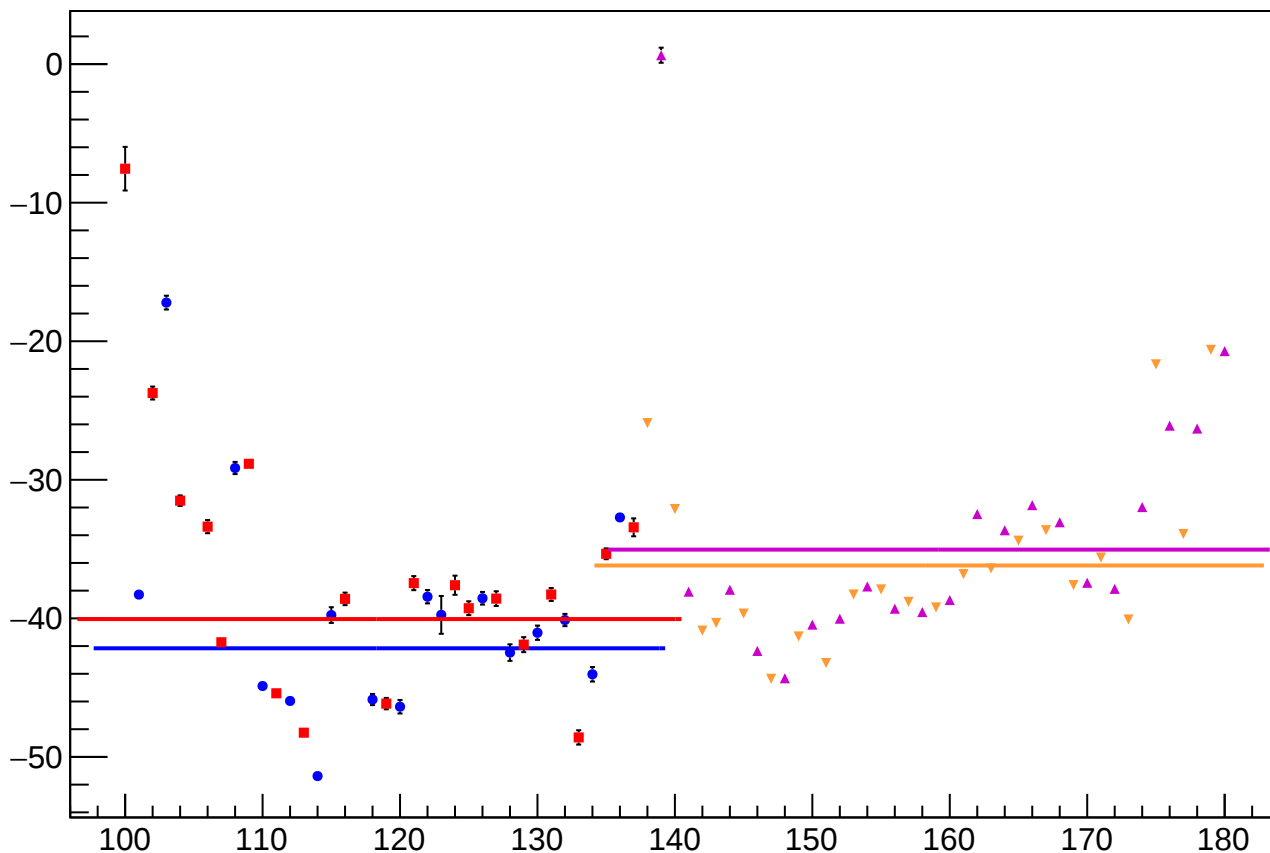
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.690 $\pm$ 0.059 χ^2/NDF :32537.1/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -1.323 $\pm$ 0.058 χ^2/NDF :39007.8/20

Left: -0.330 $\pm$ 0.041 χ^2/NDF : 72143.4/42
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -1.323 $\pm$ 0.058 χ^2/NDF :39007.8/20
 Out: 0.690 $\pm$ 0.059 χ^2/NDF :32537.1/21
 All: -0.330 $\pm$ 0.041 χ^2/NDF : 72143.4/42

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -36.184 ± 0.044 χ^2/NDF : 19970.0/21

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -35.038 ± 0.045 χ^2/NDF : 22635.6/20

Left: -35.624 ± 0.032 χ^2/NDF : 42932.9/42

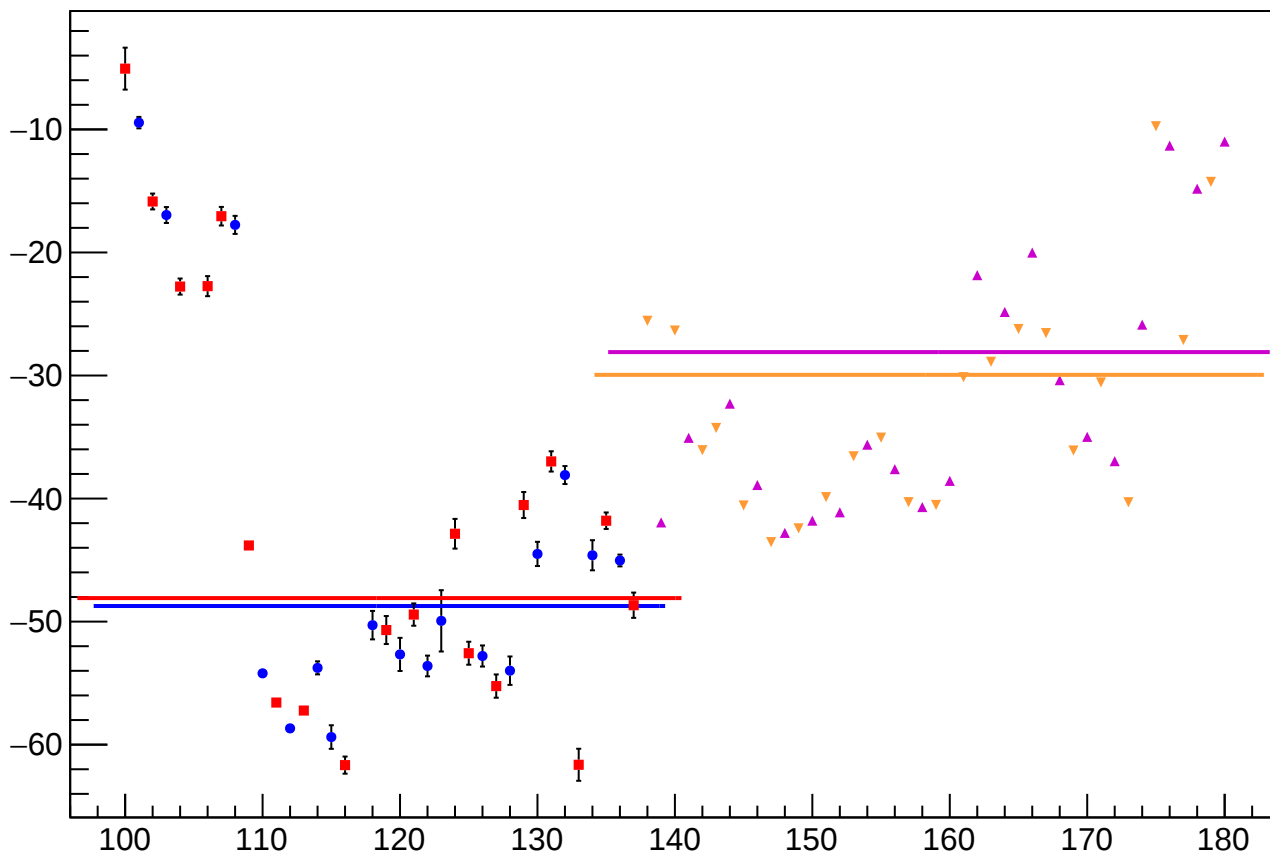
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -36.838 ± 0.039 χ^2/NDF : 35449.8/37

Out: -37.228 ± 0.038 χ^2/NDF : 33342.0/40

All: -37.040 ± 0.027 χ^2/NDF : 68842.9/78

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 χ^2/NDF : 14659.4/16

Left Out: -29.946 ± 0.059 χ^2/NDF : 27121.0/21

Right Out: -48.090 ± 0.107 χ^2/NDF : 11731.5/18

Left In: -28.096 ± 0.058 χ^2/NDF : 36240.4/20

Left: -29.005 ± 0.041 χ^2/NDF : 63867.6/42

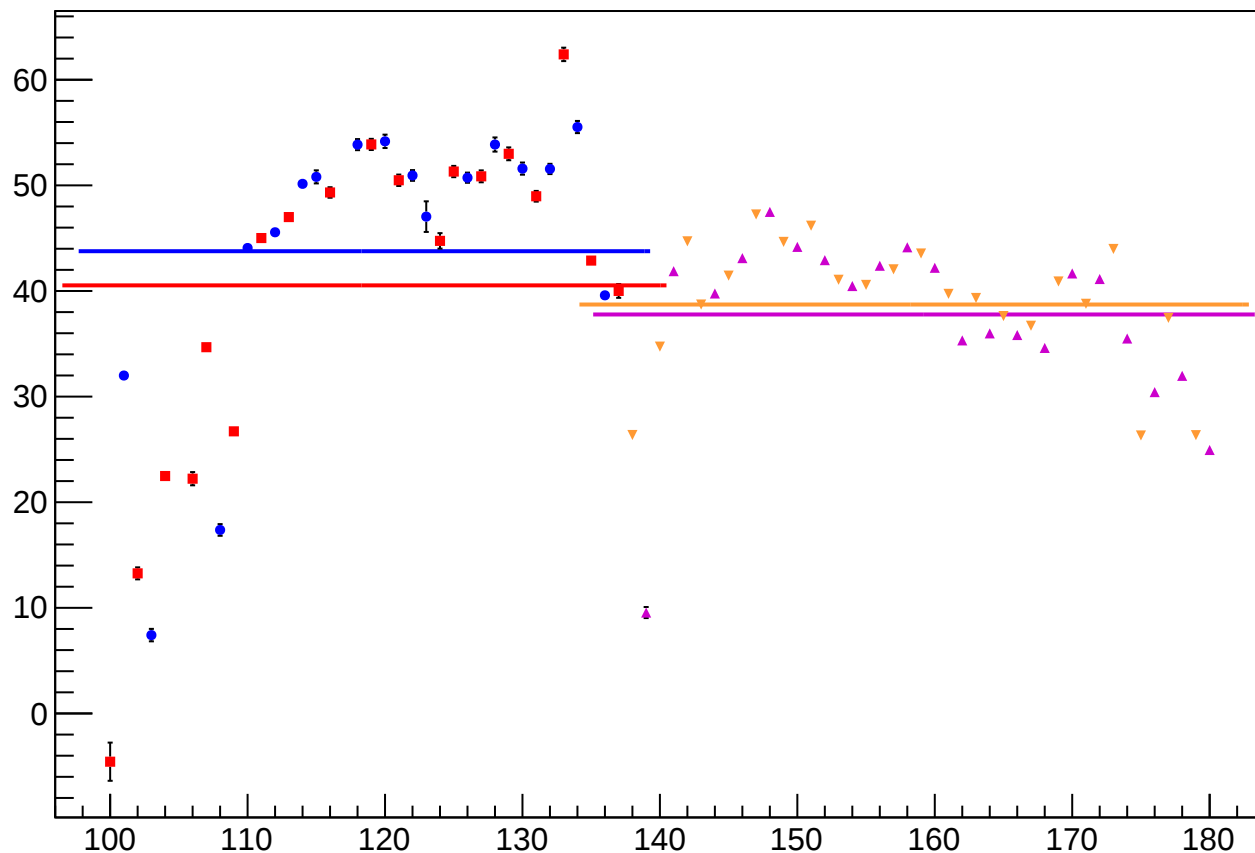
Right: -48.363 ± 0.081 χ^2/NDF : 26406.2/35

In: -31.731 ± 0.052 χ^2/NDF : 73469.8/37

Out: -34.122 ± 0.051 χ^2/NDF : 60895.8/40

All: -32.947 ± 0.037 χ^2/NDF : 135427.4/78

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 ± 0.087 $\chi^2/\text{NDF}: 10633.5/16$

Left Out: 38.719 ± 0.050 $\chi^2/\text{NDF}: 13509.7/21$

Right Out: 40.531 ± 0.080 $\chi^2/\text{NDF}: 17580.8/18$

Left In: 37.776 ± 0.051 $\chi^2/\text{NDF}: 15303.4/20$

Left: 38.254 ± 0.036 $\chi^2/\text{NDF}: 28986.5/42$

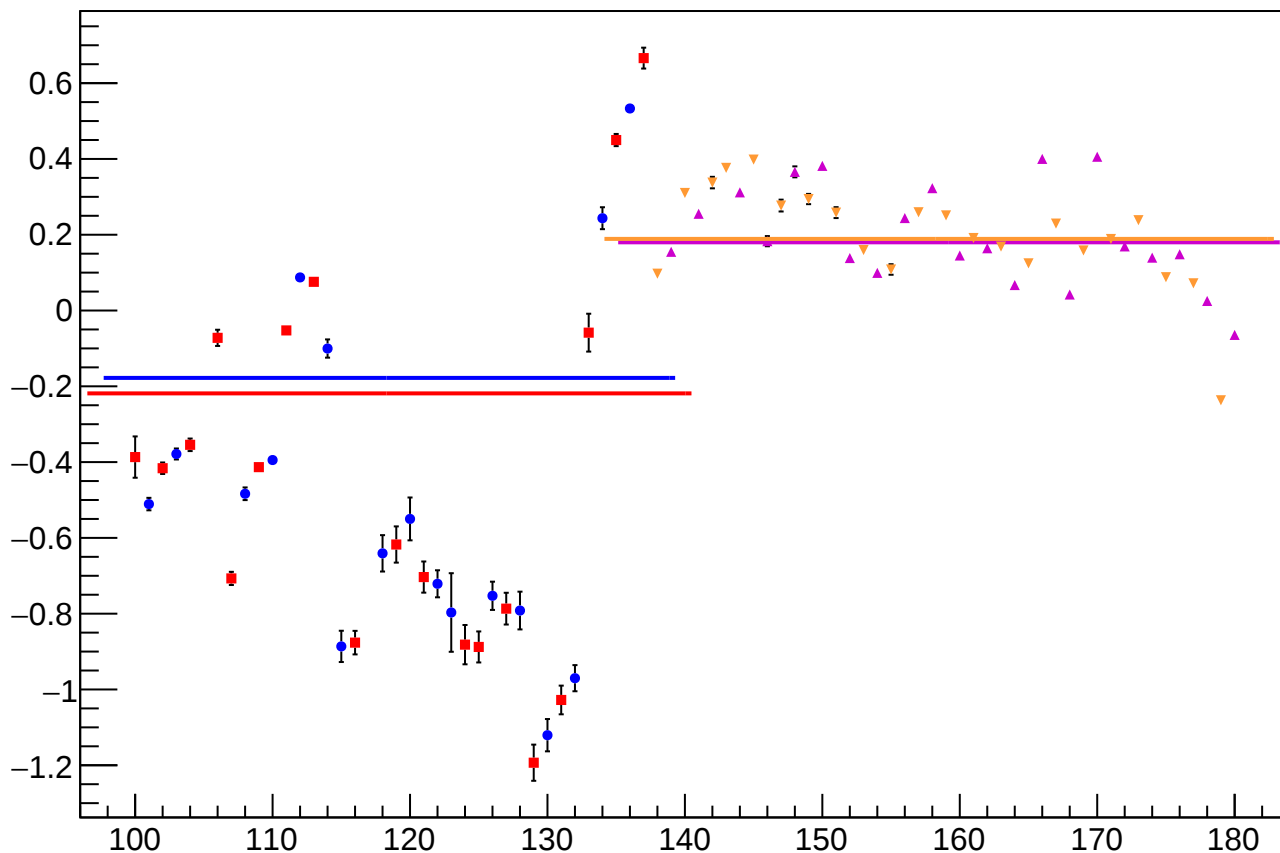
Right: 42.021 ± 0.059 $\chi^2/\text{NDF}: 28963.8/35$

In: 39.311 ± 0.044 $\chi^2/\text{NDF}: 29478.9/37$

Out: 39.231 ± 0.043 $\chi^2/\text{NDF}: 31457.2/40$

All: 39.270 ± 0.031 $\chi^2/\text{NDF}: 60937.8/78$

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.189 ± 0.002 χ^2/NDF : 3275.8/21

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.180 ± 0.002 χ^2/NDF : 3030.9/20

Left: 0.184 ± 0.002 χ^2/NDF : 6314.2/42

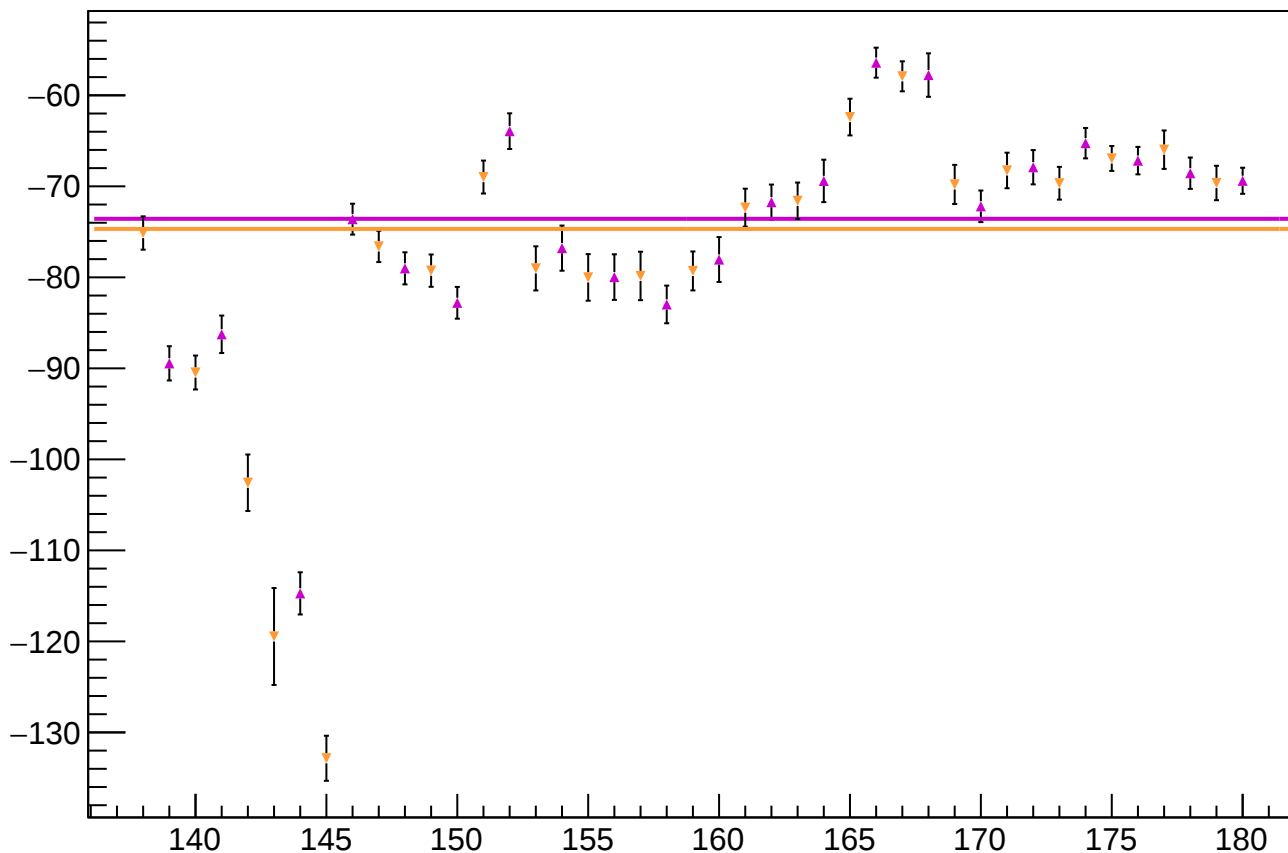
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.113 ± 0.002 χ^2/NDF : 14832.9/37

Out: 0.096 ± 0.002 χ^2/NDF : 17682.8/40

All: 0.104 ± 0.001 χ^2/NDF : 32548.9/78

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -74.679+/-0.428 χ^2/NDF :1033.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.569+/-0.411 χ^2/NDF :743.7/20

Left: -74.102+/-0.297 χ^2/NDF : 1780.4/42

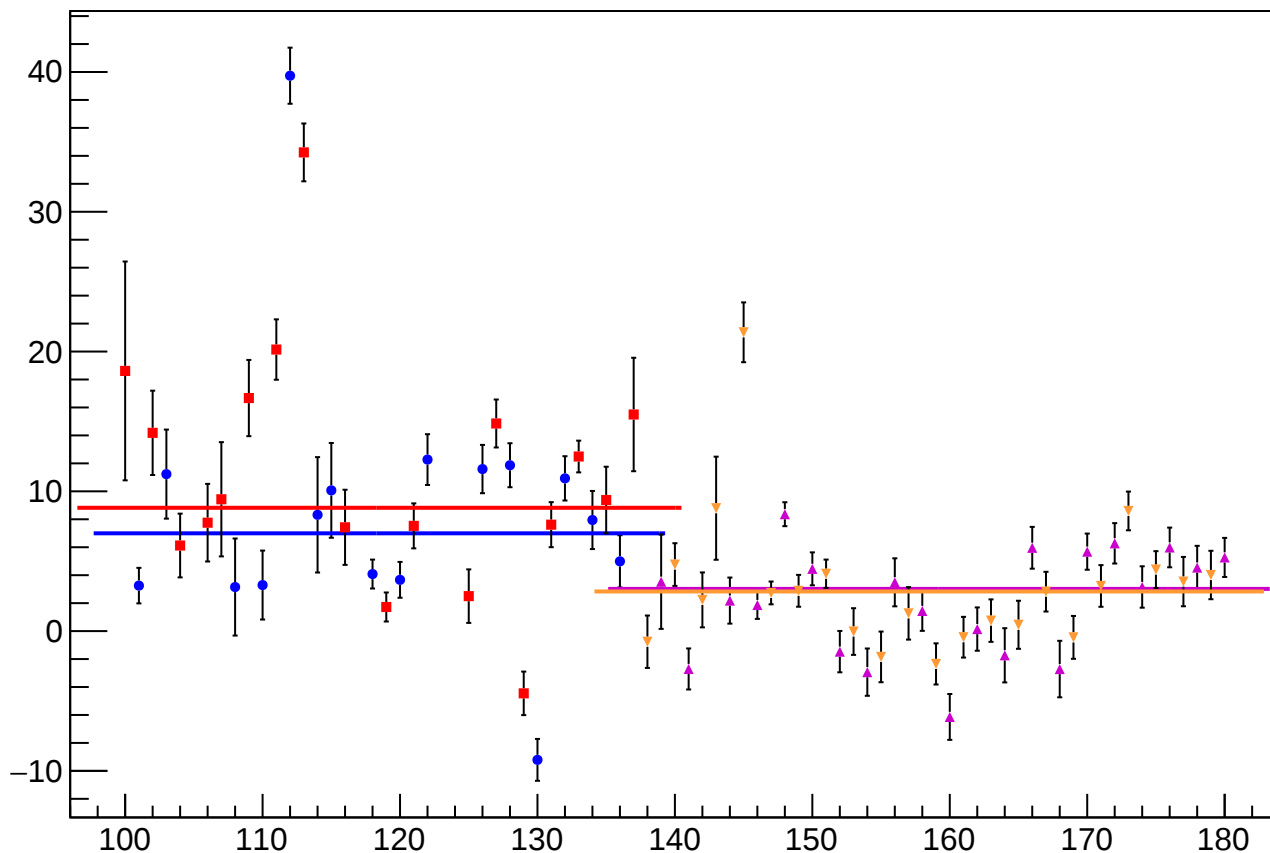
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.569+/-0.411 χ^2/NDF :743.7/20

Out: -74.679+/-0.428 χ^2/NDF :1033.2/21

All: -74.102+/-0.297 χ^2/NDF : 1780.4/42

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 2.836 $\pm$ 0.312 χ^2 /NDF:140.2/21

Right Out: 8.822 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: 3.020 $\pm$ 0.311 χ^2 /NDF:150.0/20

Left: 2.928 $\pm$ 0.220 χ^2 /NDF: 290.4/42

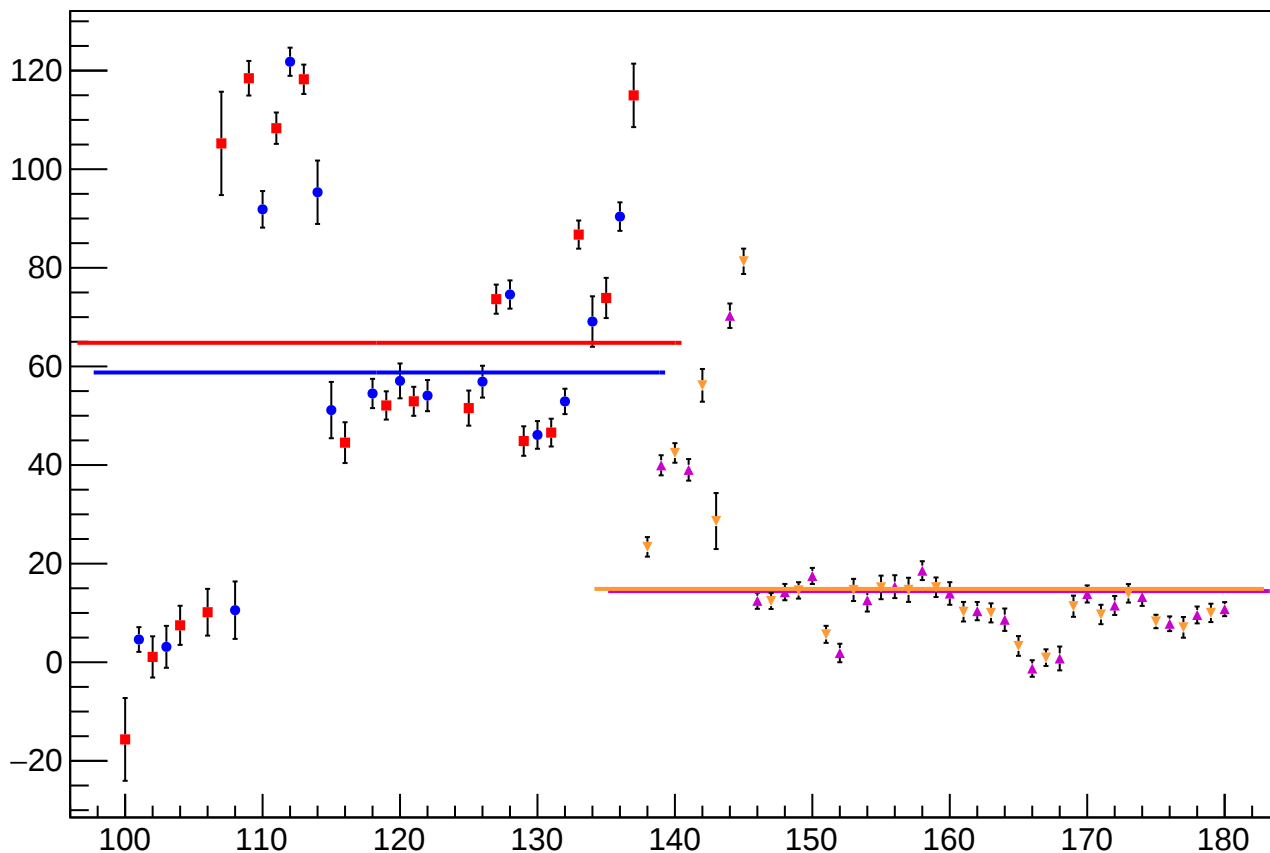
Right: 7.879 $\pm$ 0.312 χ^2 /NDF: 804.3/33

In: 4.366 $\pm$ 0.253 χ^2 /NDF:650.8/36

Out: 4.785 $\pm$ 0.256 χ^2 /NDF:610.7/39

All: 4.573 $\pm$ 0.180 χ^2 /NDF: 1262.8/76

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: 14.876 $\pm$ 0.423 χ^2 /NDF:1239.2/21

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 14.437 $\pm$ 0.406 χ^2 /NDF:1014.0/20

Left: 14.648 $\pm$ 0.293 χ^2 /NDF: 2253.7/42

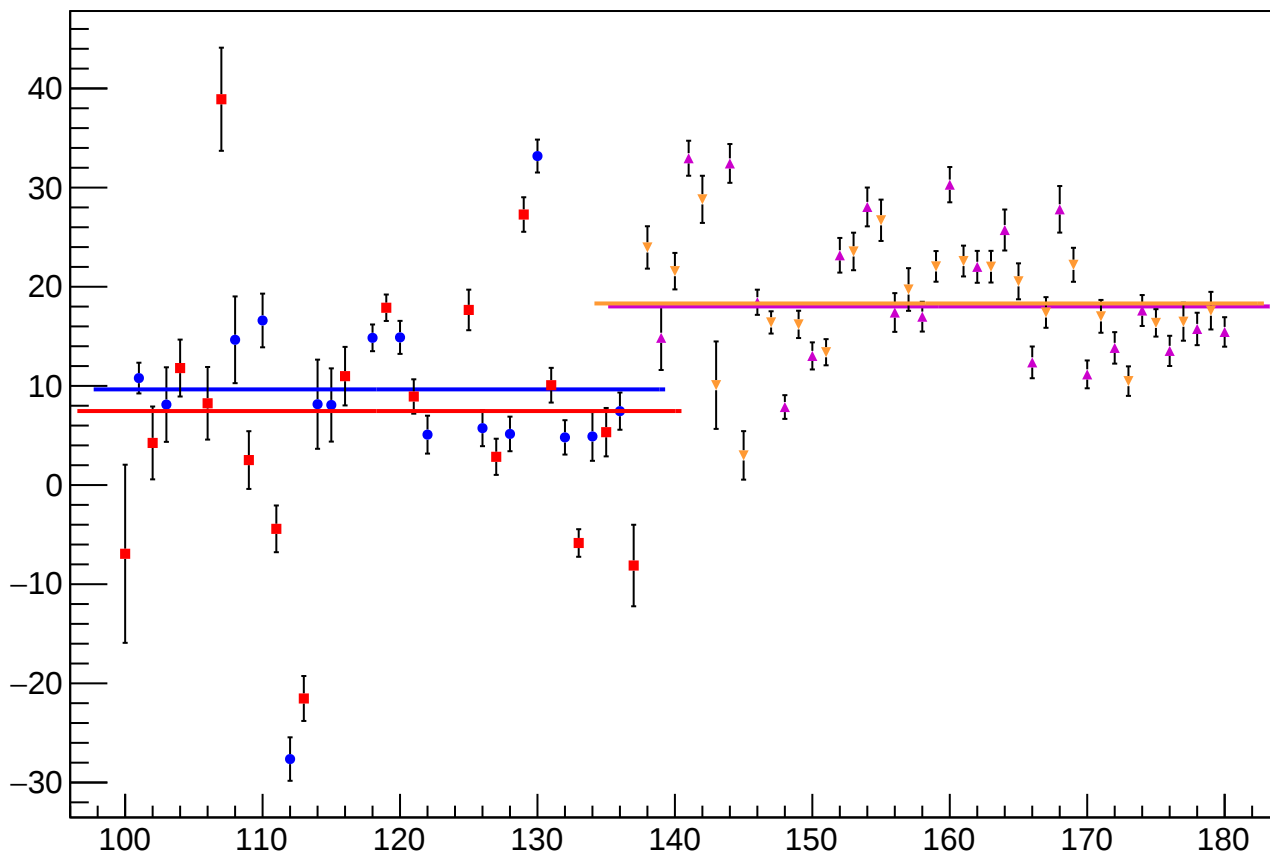
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 22.965 $\pm$ 0.365 χ^2 /NDF:4795.3/36

Out: 24.958 $\pm$ 0.378 χ^2 /NDF:5772.0/39

All: 23.928 $\pm$ 0.263 χ^2 /NDF: 10581.7/76

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 18.314 ± 0.360 $\chi^2/\text{NDF}: 173.0/21$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 18.015 ± 0.356 $\chi^2/\text{NDF}: 389.8/20$

Left: 18.163 ± 0.253 $\chi^2/\text{NDF}: 563.1/42$

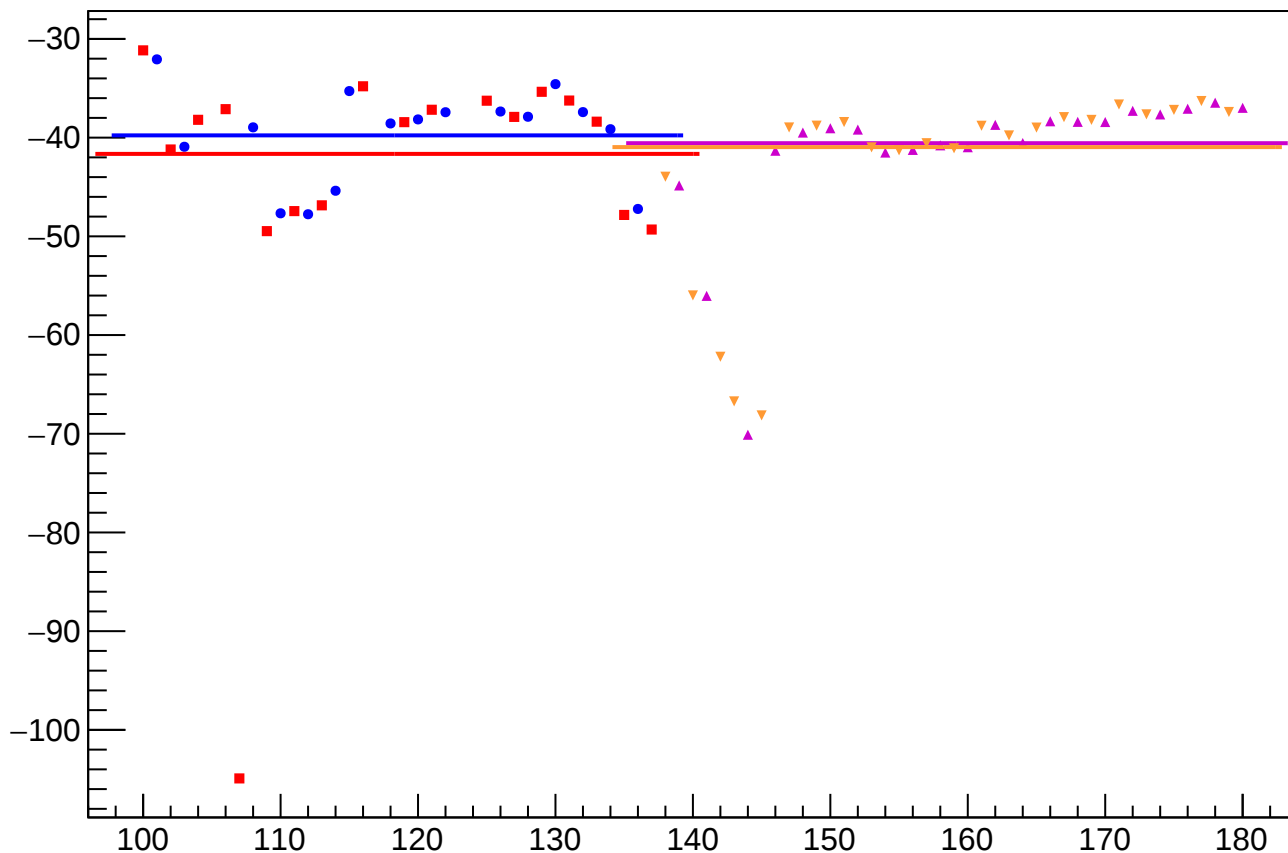
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 15.219 ± 0.290 $\chi^2/\text{NDF}: 1128.2/36$

Out: 14.755 ± 0.295 $\chi^2/\text{NDF}: 1037.5/39$

All: 14.991 ± 0.207 $\chi^2/\text{NDF}: 2167.0/76$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -40.960 ± 0.017 χ^2/NDF : 163076.6/21

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -40.563 ± 0.016 χ^2/NDF : 124728.3/20

Left: -40.755 ± 0.012 χ^2/NDF : 288086.8/42

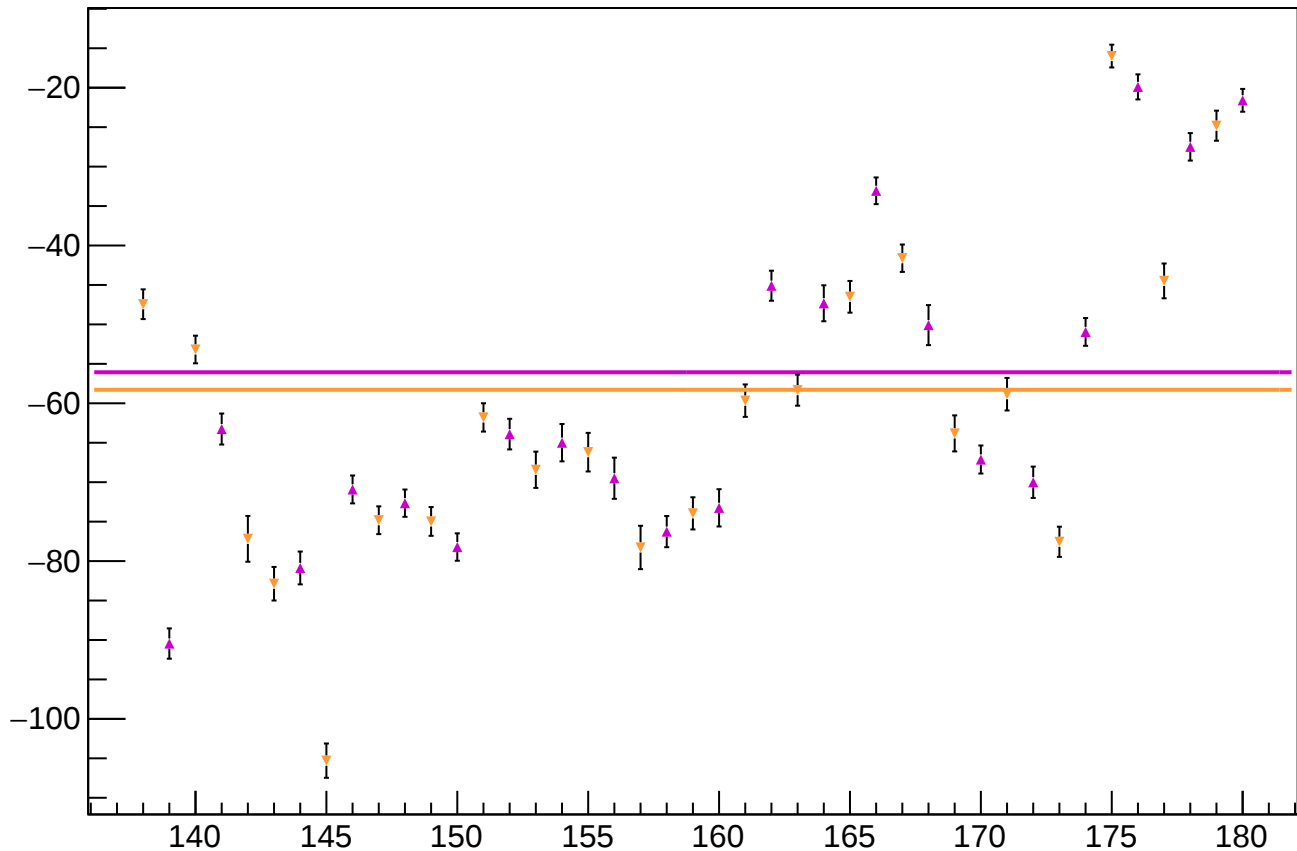
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -40.391 ± 0.015 χ^2/NDF : 151412.0/36

Out: -41.117 ± 0.015 χ^2/NDF : 257965.1/39

All: -40.744 ± 0.010 χ^2/NDF : 410595.0/76

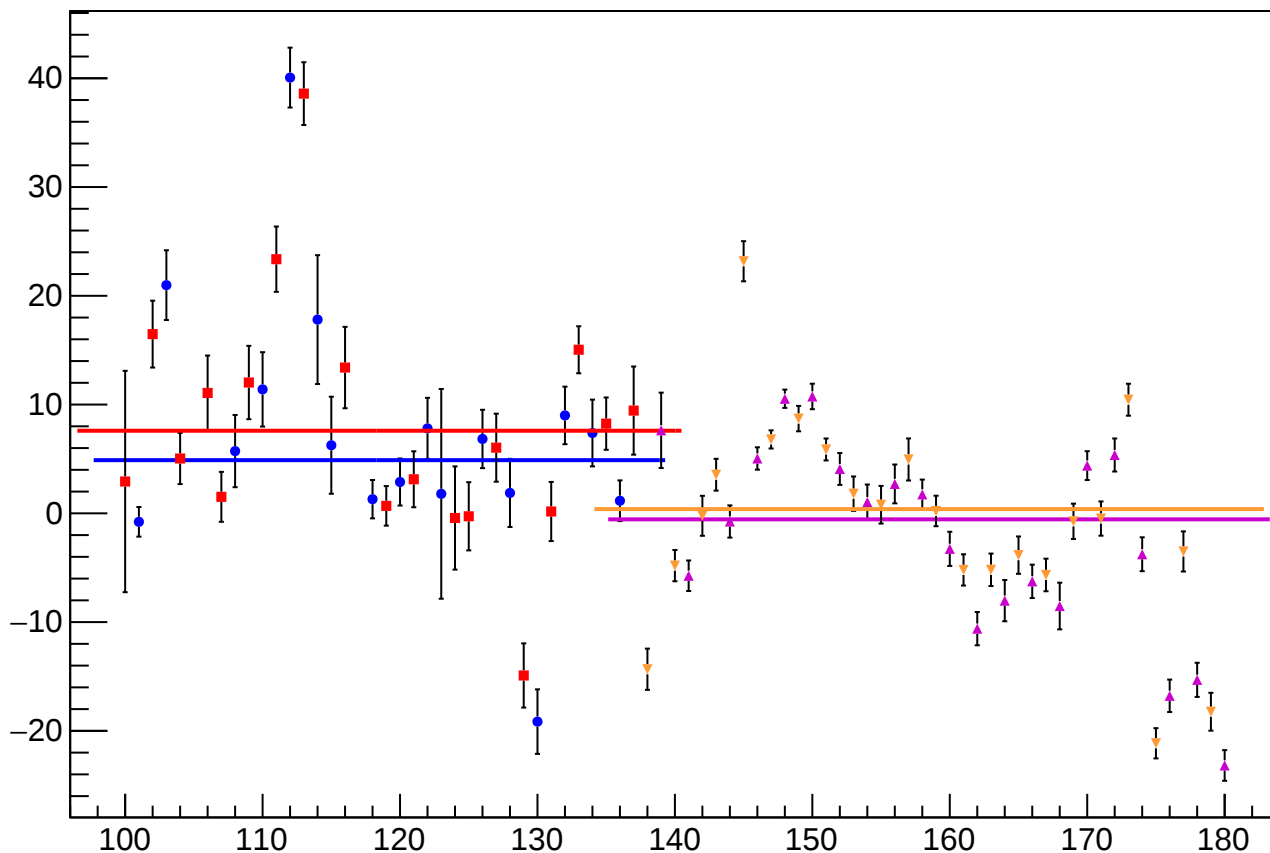
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.288+/-0.424 χ^2/NDF :2443.6/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.065+/-0.414 χ^2/NDF :2704.6/20

Left: -57.149+/-0.296 χ^2/NDF : 5162.3/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -56.065+/-0.414 χ^2/NDF :2704.6/20
 Out: -58.288+/-0.424 χ^2/NDF :2443.6/21
 All: -57.149+/-0.296 χ^2/NDF : 5162.3/42

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 0.389 ± 0.307 $\chi^2/\text{NDF}: 834.3/21$

Right Out: 7.596 ± 0.651 $\chi^2/\text{NDF}: 269.4/18$

Left In: -0.552 ± 0.311 $\chi^2/\text{NDF}: 920.0/20$

Left: -0.077 ± 0.218 $\chi^2/\text{NDF}: 1758.9/42$

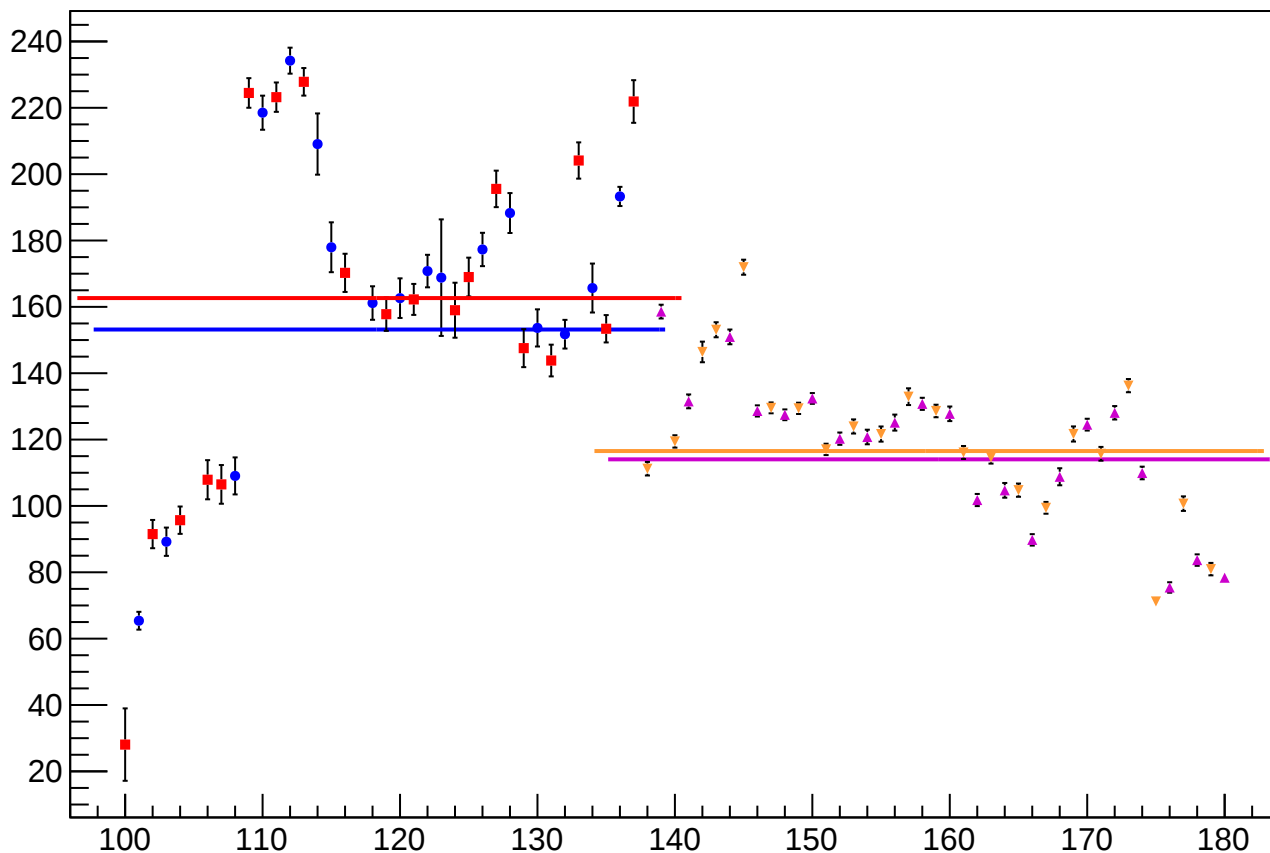
Right: 6.180 ± 0.450 $\chi^2/\text{NDF}: 573.2/35$

In: 0.533 ± 0.278 $\chi^2/\text{NDF}: 1276.0/37$

Out: 1.702 ± 0.278 $\chi^2/\text{NDF}: 1204.0/40$

All: 1.118 ± 0.196 $\chi^2/\text{NDF}: 2488.8/78$

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: 116.544 $\pm$ 0.420 χ^2 /NDF:2810.0/21

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 114.040 $\pm$ 0.409 χ^2 /NDF:3116.5/20

Left: 115.258 $\pm$ 0.293 χ^2 /NDF: 5944.8/42

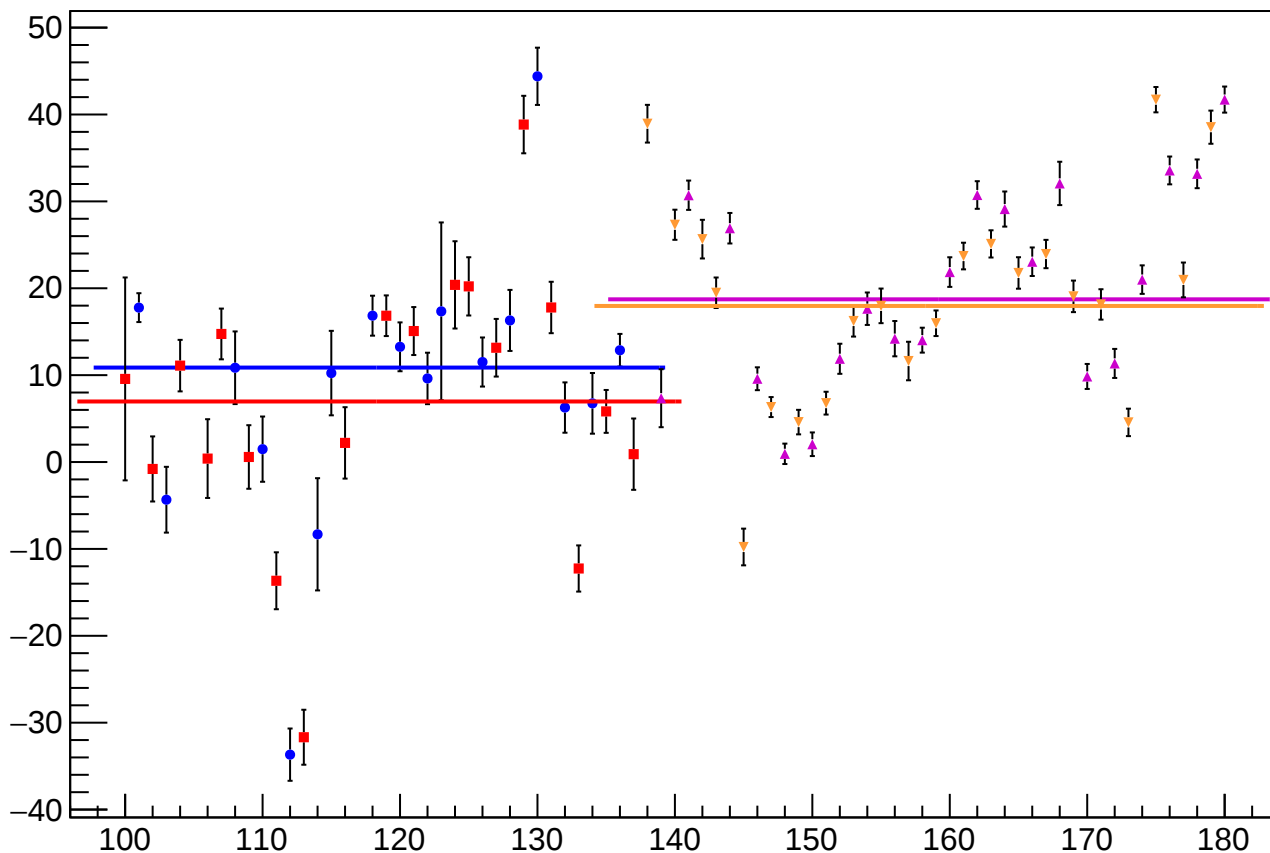
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 118.451 $\pm$ 0.385 χ^2 /NDF:6414.7/37

Out: 121.753 $\pm$ 0.395 χ^2 /NDF:5881.5/40

All: 120.057 $\pm$ 0.276 χ^2 /NDF: 12332.0/78

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 χ^2/NDF : 386.7/16

Left Out: 17.964 ± 0.356 χ^2/NDF : 1091.9/21

Right Out: 6.969 ± 0.748 χ^2/NDF : 422.3/18

Left In: 18.727 ± 0.356 χ^2/NDF : 1122.3/20

Left: 18.345 ± 0.252 χ^2/NDF : 2216.5/42

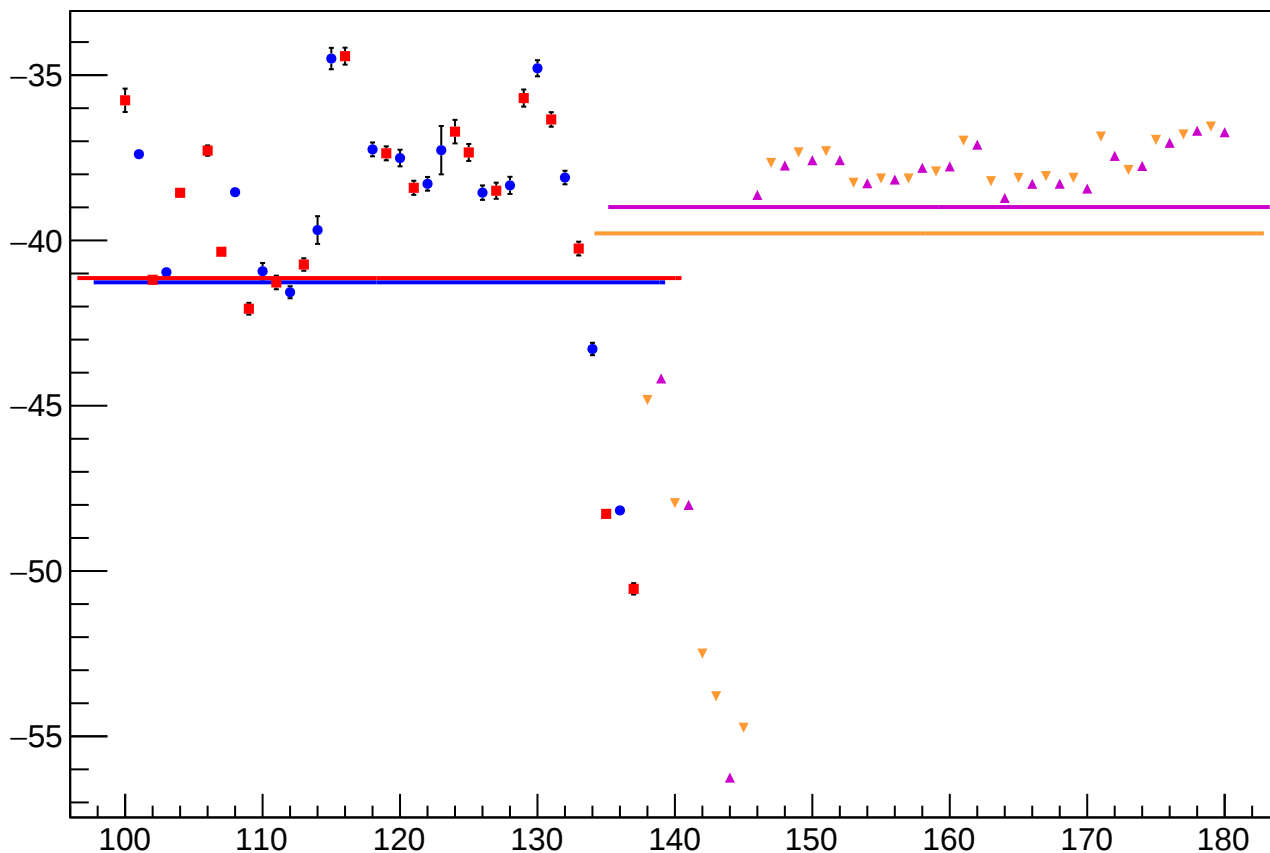
Right: 9.009 ± 0.517 χ^2/NDF : 823.3/35

In: 17.164 ± 0.319 χ^2/NDF : 1605.8/37

Out: 15.934 ± 0.321 χ^2/NDF : 1690.7/40

All: 16.554 ± 0.226 χ^2/NDF : 3303.9/78

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -39.787 ± 0.017 $\chi^2/\text{NDF}: 90328.9/21$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -38.991 ± 0.017 $\chi^2/\text{NDF}: 53931.0/20$

Left: -39.380 ± 0.012 $\chi^2/\text{NDF}: 145396.9/42$

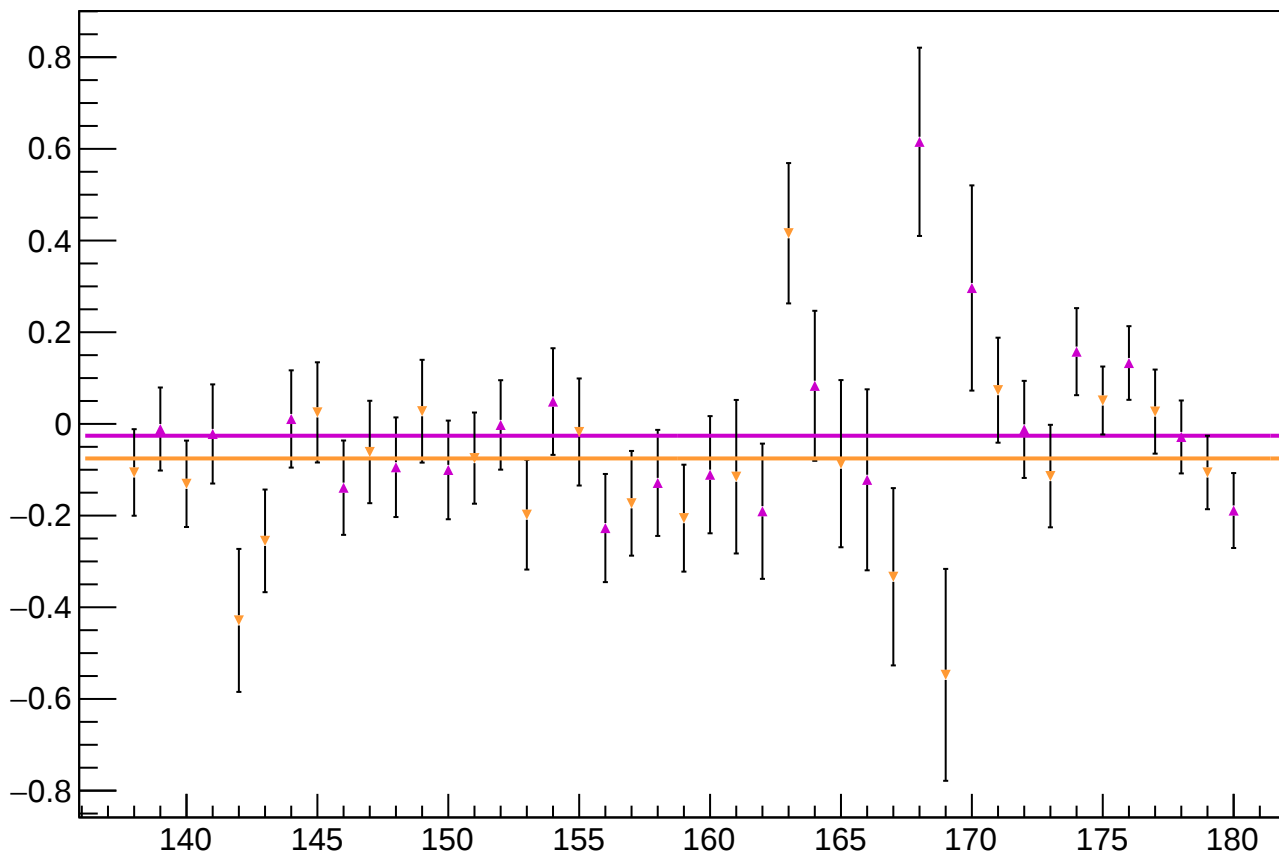
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -39.344 ± 0.015 $\chi^2/\text{NDF}: 69462.2/37$

Out: -40.003 ± 0.015 $\chi^2/\text{NDF}: 103601.6/40$

All: -39.668 ± 0.011 $\chi^2/\text{NDF}: 173989.5/78$

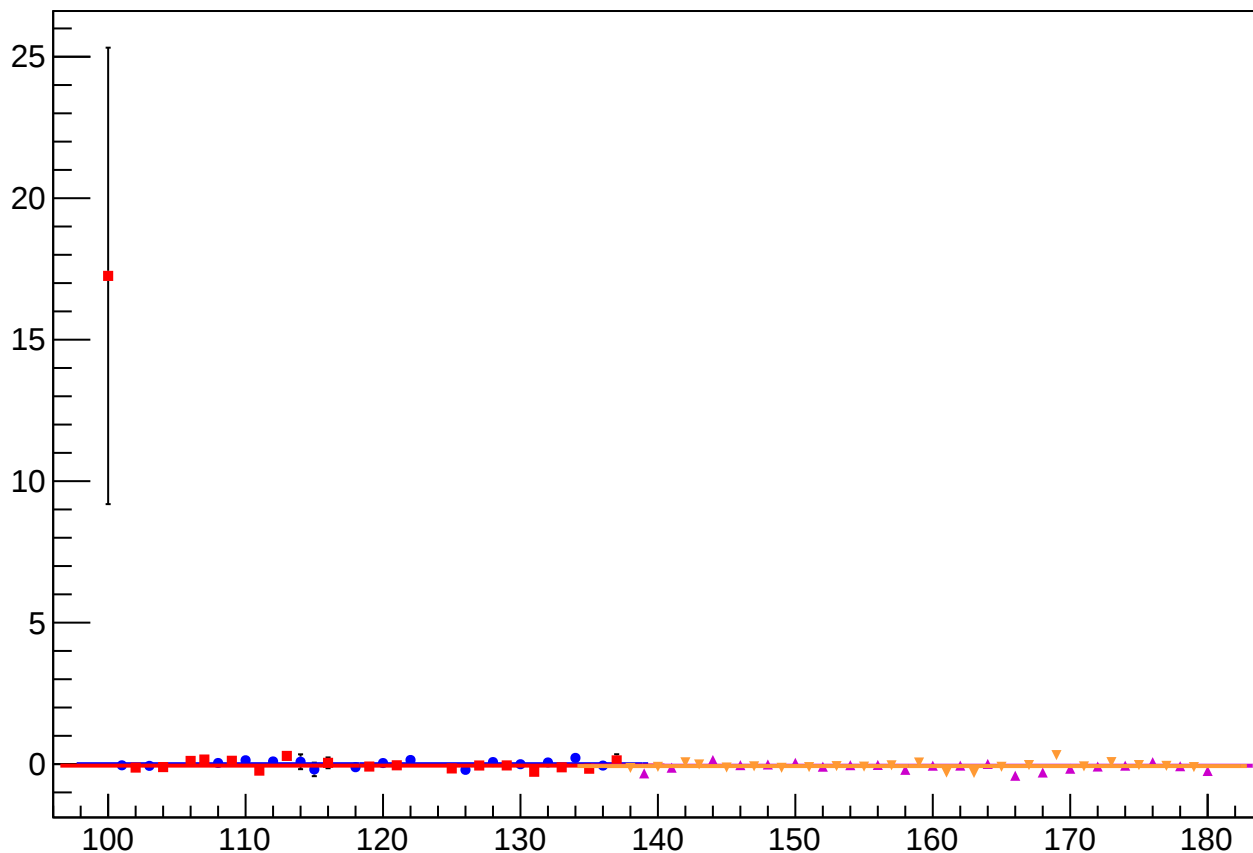
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.075 $\pm$ 0.024 χ^2 /NDF:35.6/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.026 $\pm$ 0.024 χ^2 /NDF:32.2/20

Left: -0.050 $\pm$ 0.017 χ^2 /NDF: 69.9/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.026 $\pm$ 0.024 χ^2 /NDF:32.2/20
 Out: -0.075 $\pm$ 0.024 χ^2 /NDF:35.6/21
 All: -0.050 $\pm$ 0.017 χ^2 /NDF: 69.9/42

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.070 ± 0.018 $\chi^2/\text{NDF}: 23.8/21$

Right Out: -0.053 ± 0.029 $\chi^2/\text{NDF}: 25.5/17$

Left In: -0.056 ± 0.018 $\chi^2/\text{NDF}: 31.7/20$

Left: -0.063 ± 0.013 $\chi^2/\text{NDF}: 55.8/42$

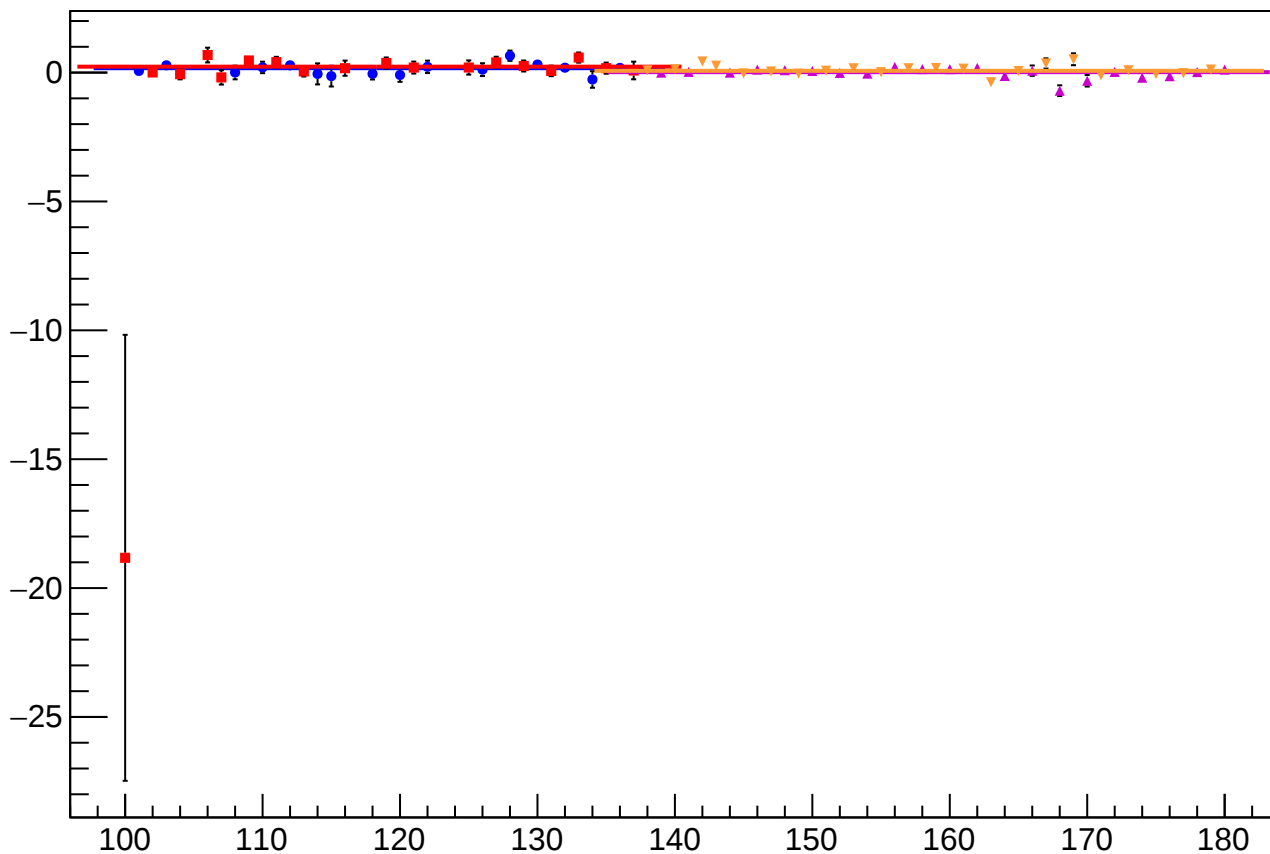
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 39.2/33$

In: -0.040 ± 0.015 $\chi^2/\text{NDF}: 46.5/36$

Out: -0.065 ± 0.015 $\chi^2/\text{NDF}: 49.6/39$

All: -0.053 ± 0.011 $\chi^2/\text{NDF}: 97.4/76$

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: 0.068 $\pm$ 0.024 χ^2 /NDF:34.4/21

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.016 $\pm$ 0.024 χ^2 /NDF:34.1/20

Left: 0.042 $\pm$ 0.017 χ^2 /NDF: 70.8/42

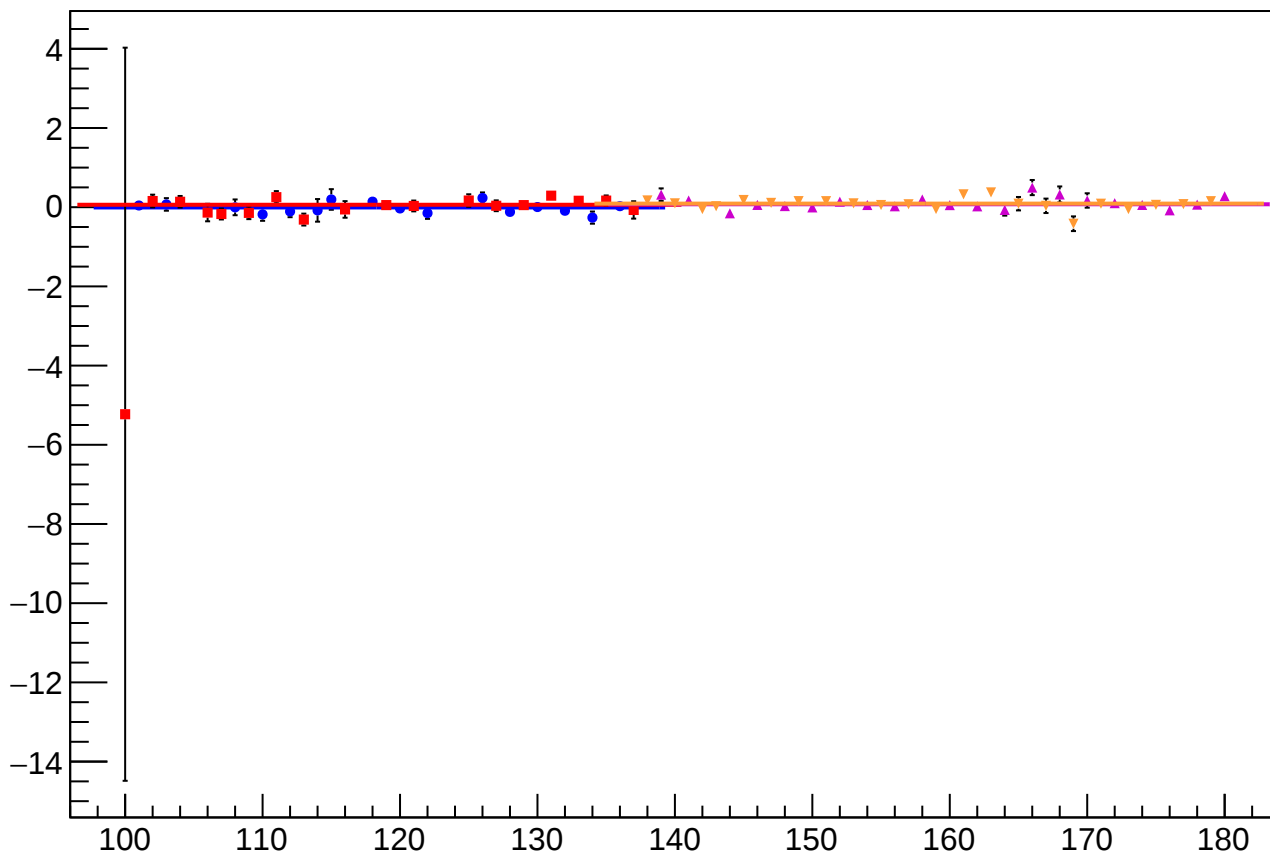
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.042 $\pm$ 0.021 χ^2 /NDF:54.3/36

Out: 0.094 $\pm$ 0.022 χ^2 /NDF:63.6/39

All: 0.068 $\pm$ 0.015 χ^2 /NDF: 120.8/76

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.090 ± 0.021 χ^2/NDF : 26.6/21

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.074 ± 0.021 χ^2/NDF : 31.4/20

Left: 0.082 ± 0.015 χ^2/NDF : 58.3/42

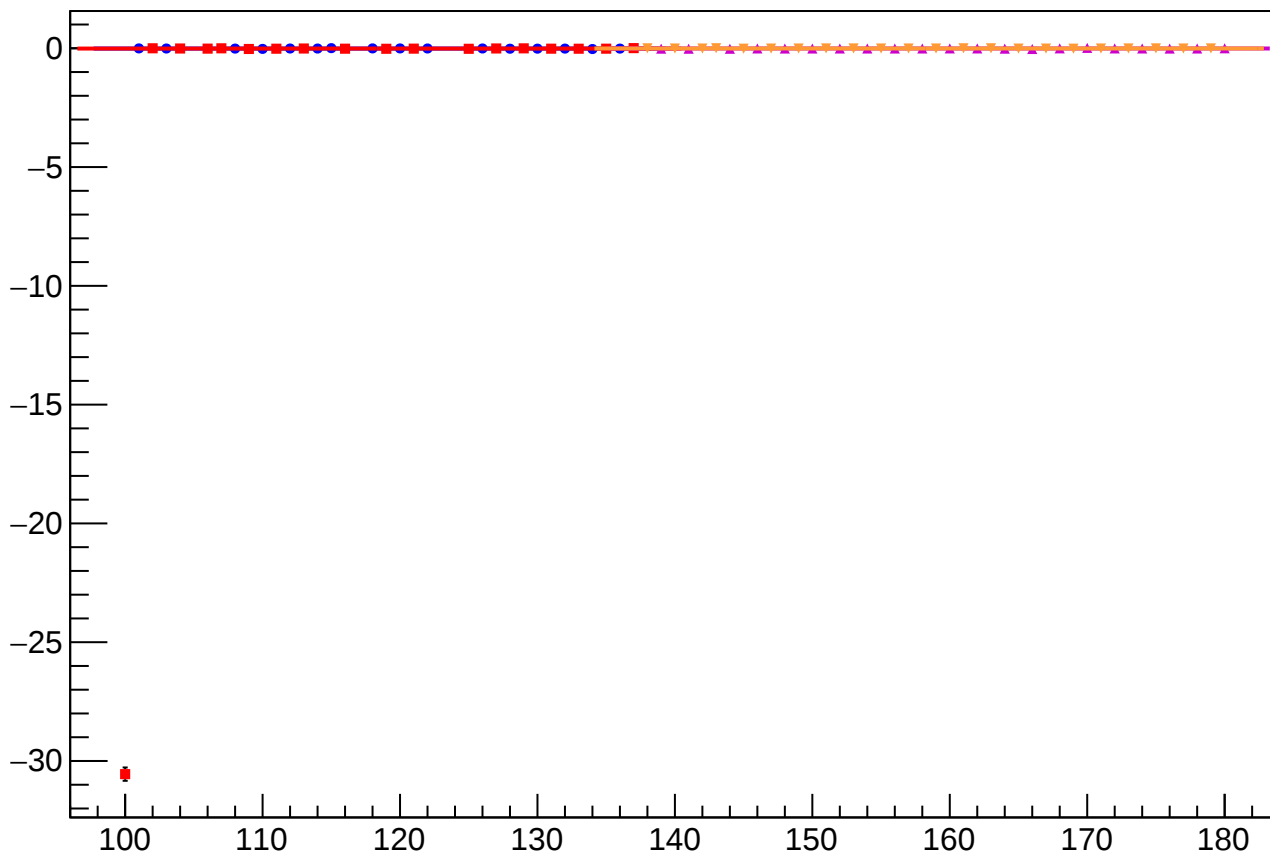
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.050 ± 0.018 χ^2/NDF : 49.0/36

Out: 0.083 ± 0.018 χ^2/NDF : 47.4/39

All: 0.066 ± 0.012 χ^2/NDF : 98.0/76

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:20.6/21

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.009 $\pm$ 0.001 χ^2 /NDF:37.6/20

Left: -0.008 $\pm$ 0.001 χ^2 /NDF: 59.7/42

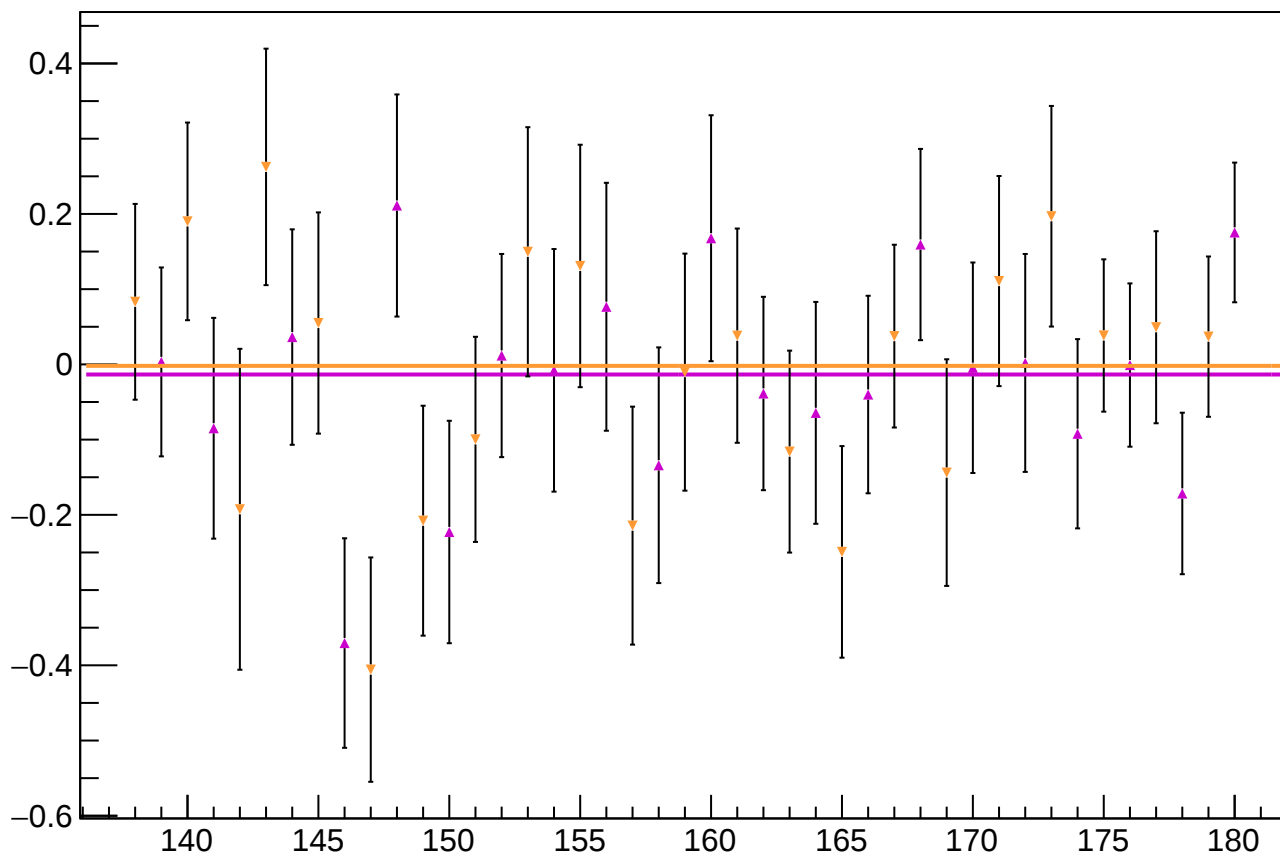
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.010 $\pm$ 0.001 χ^2 /NDF:51.9/36

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11915.6/39

All: -0.009 $\pm$ 0.001 χ^2 /NDF: 11968.7/76

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: -0.002 $\pm$ 0.030 χ^2 /NDF:27.2/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.013 $\pm$ 0.029 χ^2 /NDF:22.2/20

Left: -0.008 $\pm$ 0.021 χ^2 /NDF: 49.4/42

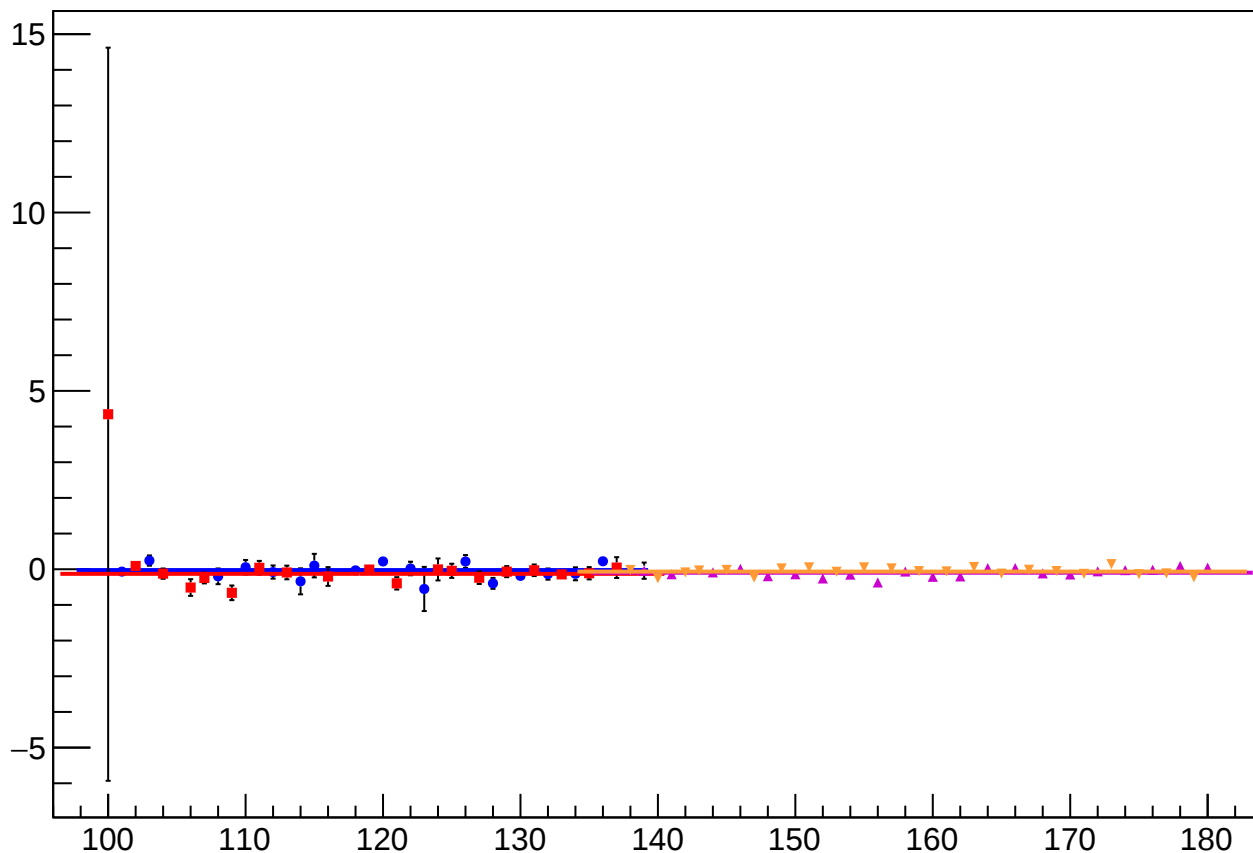
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.013 $\pm$ 0.029 χ^2 /NDF:22.2/20

Out: -0.002 $\pm$ 0.030 χ^2 /NDF:27.2/21

All: -0.008 $\pm$ 0.021 χ^2 /NDF: 49.4/42

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.066 ± 0.022 χ^2/NDF : 23.2/21

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.098 ± 0.023 χ^2/NDF : 24.6/20

Left: -0.081 ± 0.016 χ^2/NDF : 48.8/42

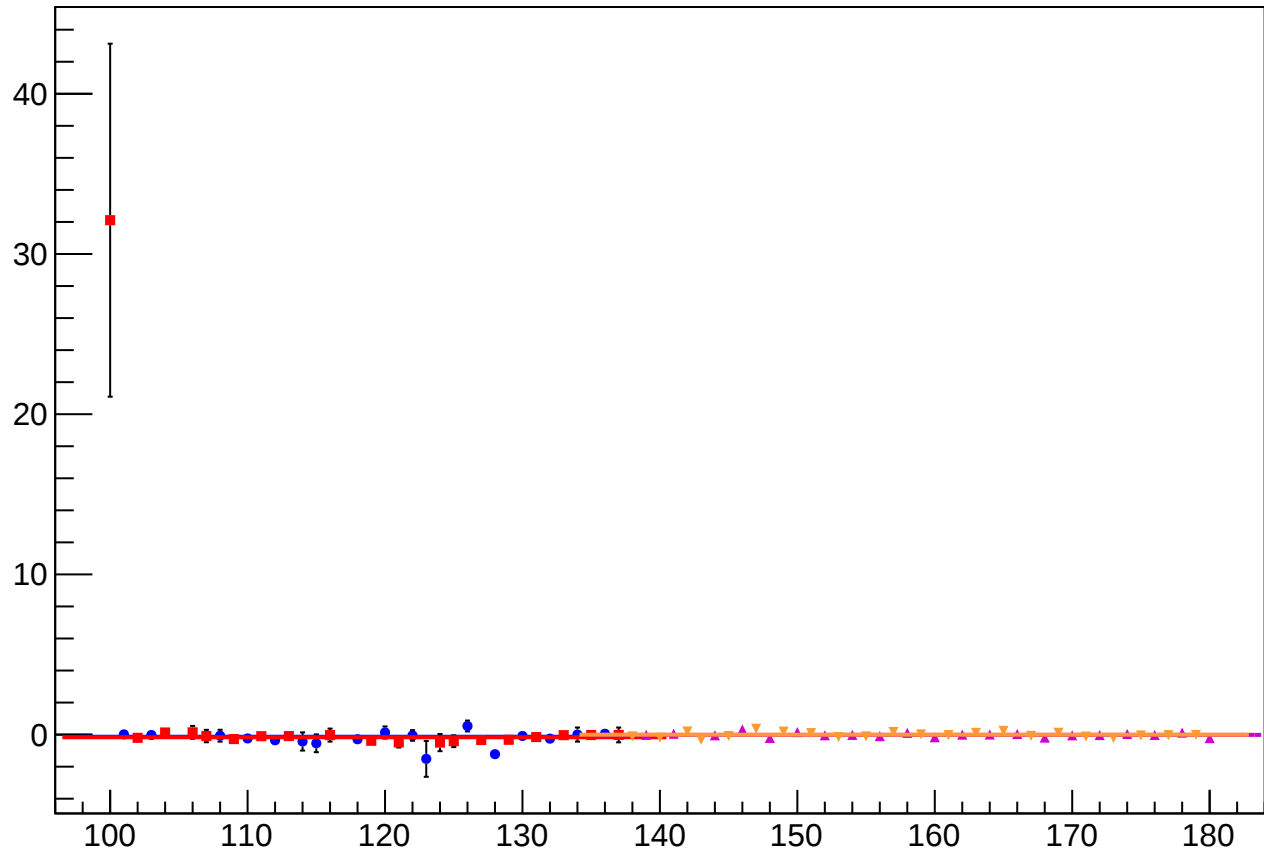
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.077 ± 0.019 χ^2/NDF : 50.0/37

Out: -0.081 ± 0.019 χ^2/NDF : 43.9/40

All: -0.079 ± 0.014 χ^2/NDF : 93.9/78

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.004 ± 0.029 χ^2/NDF : 26.6/21

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: -0.016 ± 0.029 χ^2/NDF : 21.0/20

Left: -0.010 ± 0.021 χ^2/NDF : 47.7/42

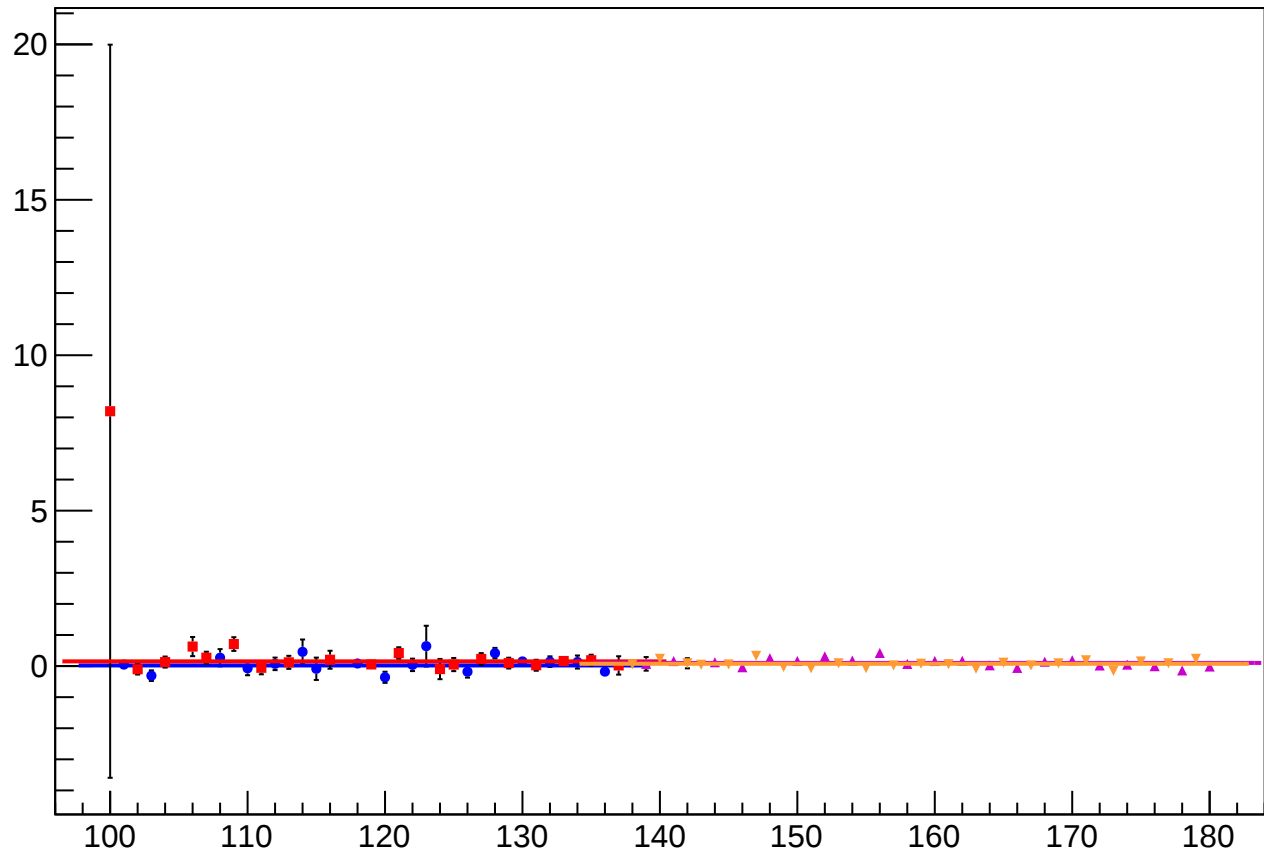
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.035 ± 0.026 χ^2/NDF : 49.3/37

Out: -0.028 ± 0.027 χ^2/NDF : 45.8/40

All: -0.031 ± 0.019 χ^2/NDF : 95.2/78

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.073+/-0.025 χ^2/NDF :22.4/21

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.101+/-0.026 χ^2/NDF :26.0/20

Left: 0.087+/-0.018 χ^2/NDF : 49.0/42

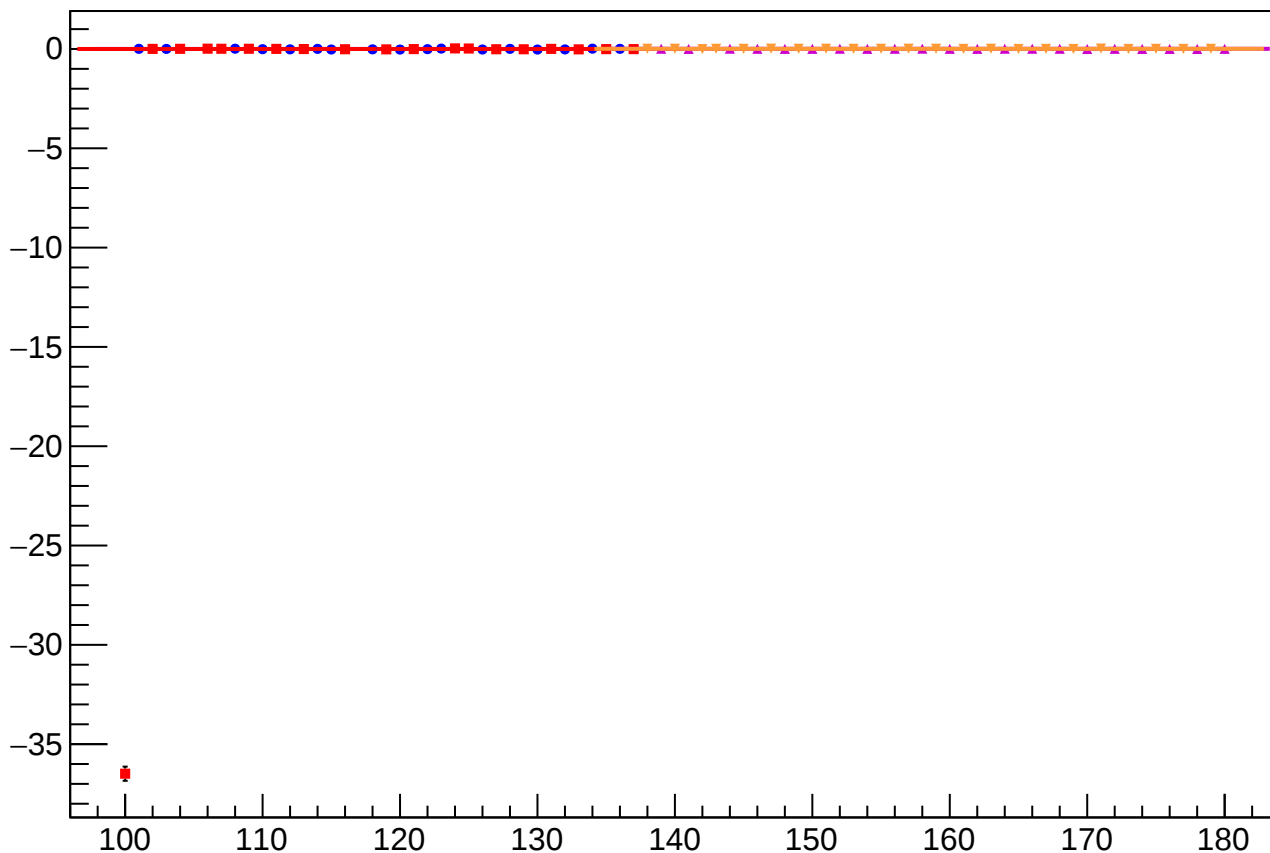
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.080+/-0.022 χ^2/NDF :50.5/37

Out: 0.092+/-0.022 χ^2/NDF :41.9/40

All: 0.086+/-0.016 χ^2/NDF : 92.6/78

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.009 $\pm$ 0.001 χ^2 /NDF:20.0/21

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.009 $\pm$ 0.001 χ^2 /NDF:15.2/20

Left: 0.009 $\pm$ 0.001 χ^2 /NDF: 35.2/42

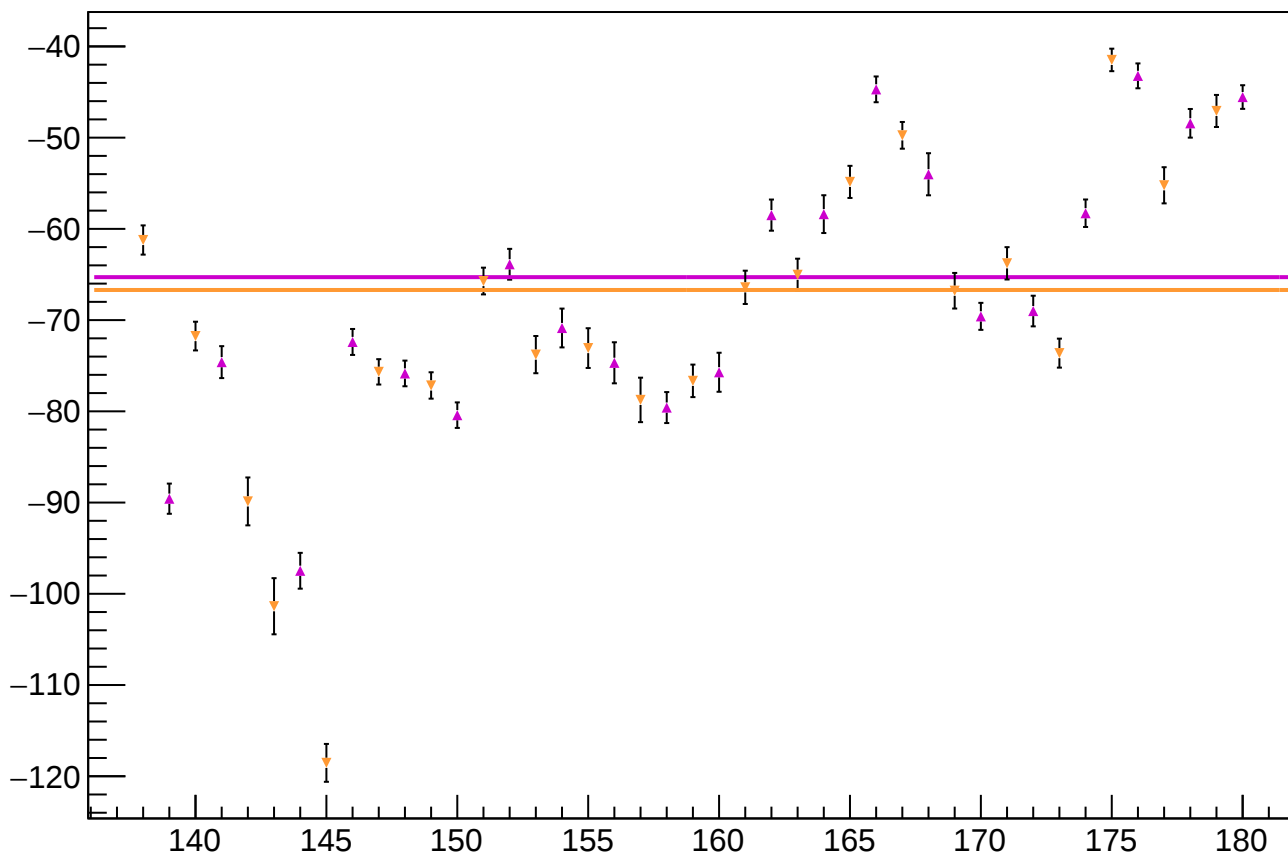
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.007 $\pm$ 0.001 χ^2 /NDF:57.9/37

Out: 0.007 $\pm$ 0.001 χ^2 /NDF:10479.9/40

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10537.8/78

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: -66.698+/-0.370 χ^2/NDF :1799.3/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -65.292+/-0.357 χ^2/NDF :1737.5/20

Left: -65.969+/-0.257 χ^2/NDF : 3544.3/42

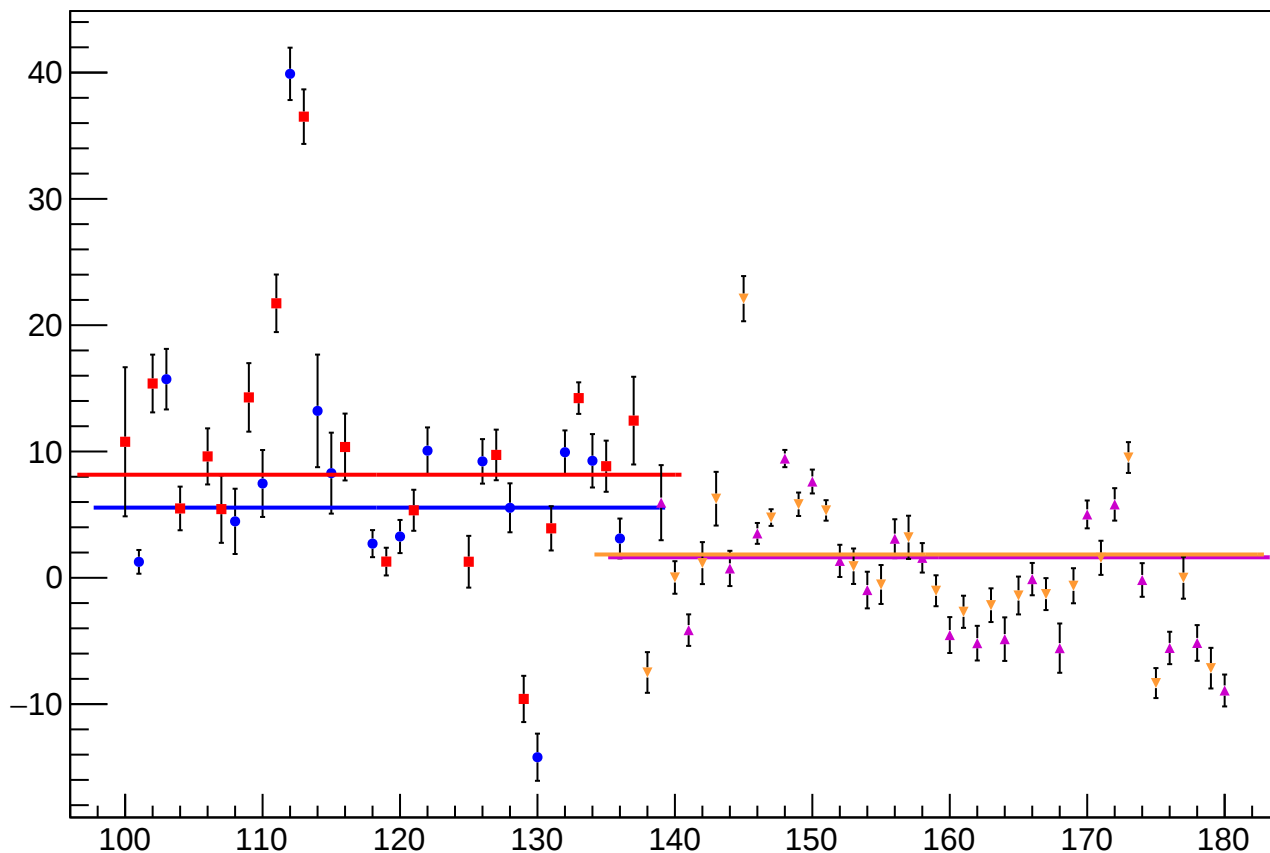
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.292+/-0.357 χ^2/NDF :1737.5/20

Out: -66.698+/-0.370 χ^2/NDF :1799.3/21

All: -65.969+/-0.257 χ^2/NDF : 3544.3/42

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: 1.847 $\pm$ 0.265 χ^2 /NDF: 415.4/21

Right Out: 8.162 $\pm$ 0.453 χ^2 /NDF: 407.0/17

Left In: 1.623 $\pm$ 0.265 χ^2 /NDF: 423.8/20

Left: 1.735 $\pm$ 0.187 χ^2 /NDF: 839.6/42

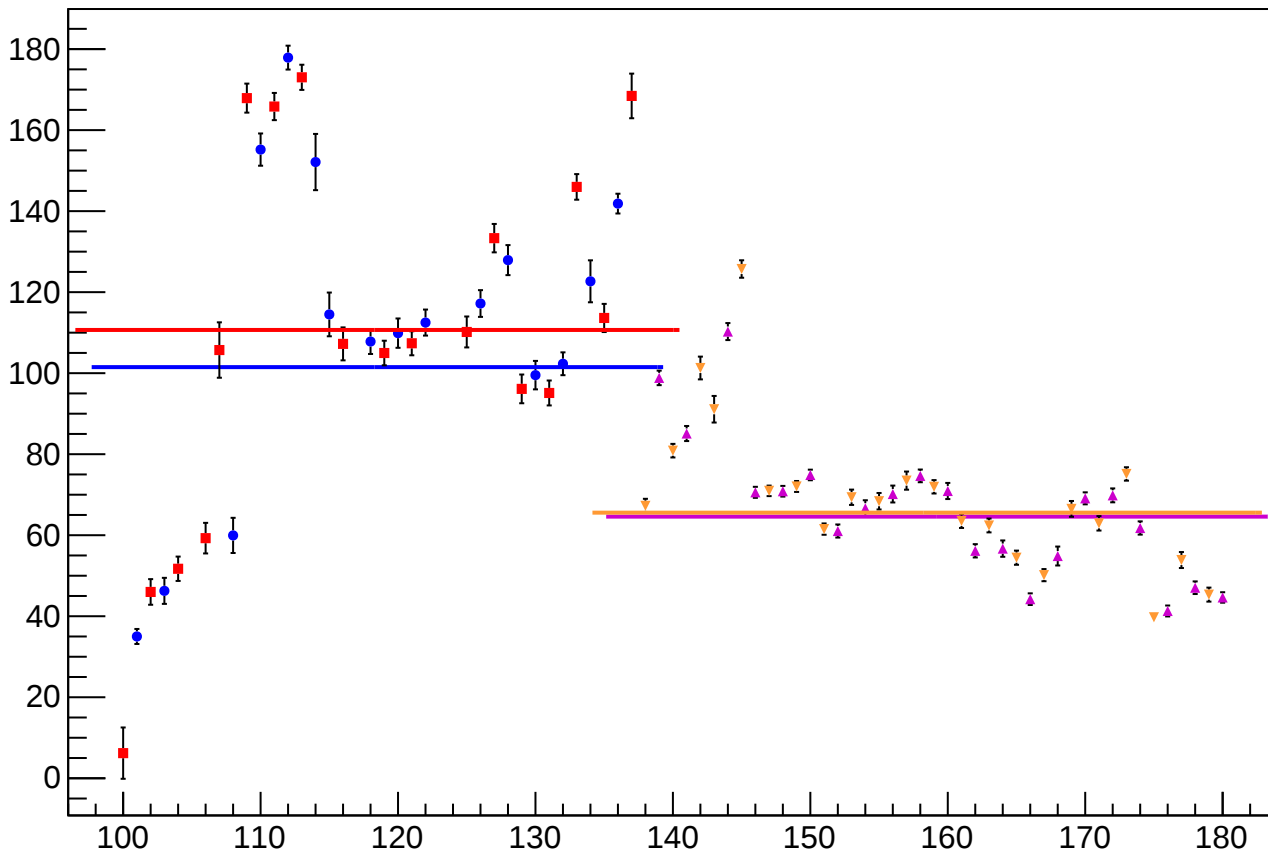
Right: 6.774 $\pm$ 0.310 χ^2 /NDF: 886.6/33

In: 2.729 $\pm$ 0.225 χ^2 /NDF: 947.7/36

Out: 3.455 $\pm$ 0.229 χ^2 /NDF: 967.2/39

All: 3.086 $\pm$ 0.160 χ^2 /NDF: 1920.0/76

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: 65.571 $\pm$ 0.365 χ^2/NDF :1966.2/21

Right Out: 110.670 $\pm$ 0.836 χ^2/NDF : 2513.7/17

Left In: 64.590 $\pm$ 0.352 χ^2/NDF :2073.4/20

Left: 65.062 $\pm$ 0.253 χ^2/NDF : 4043.3/42

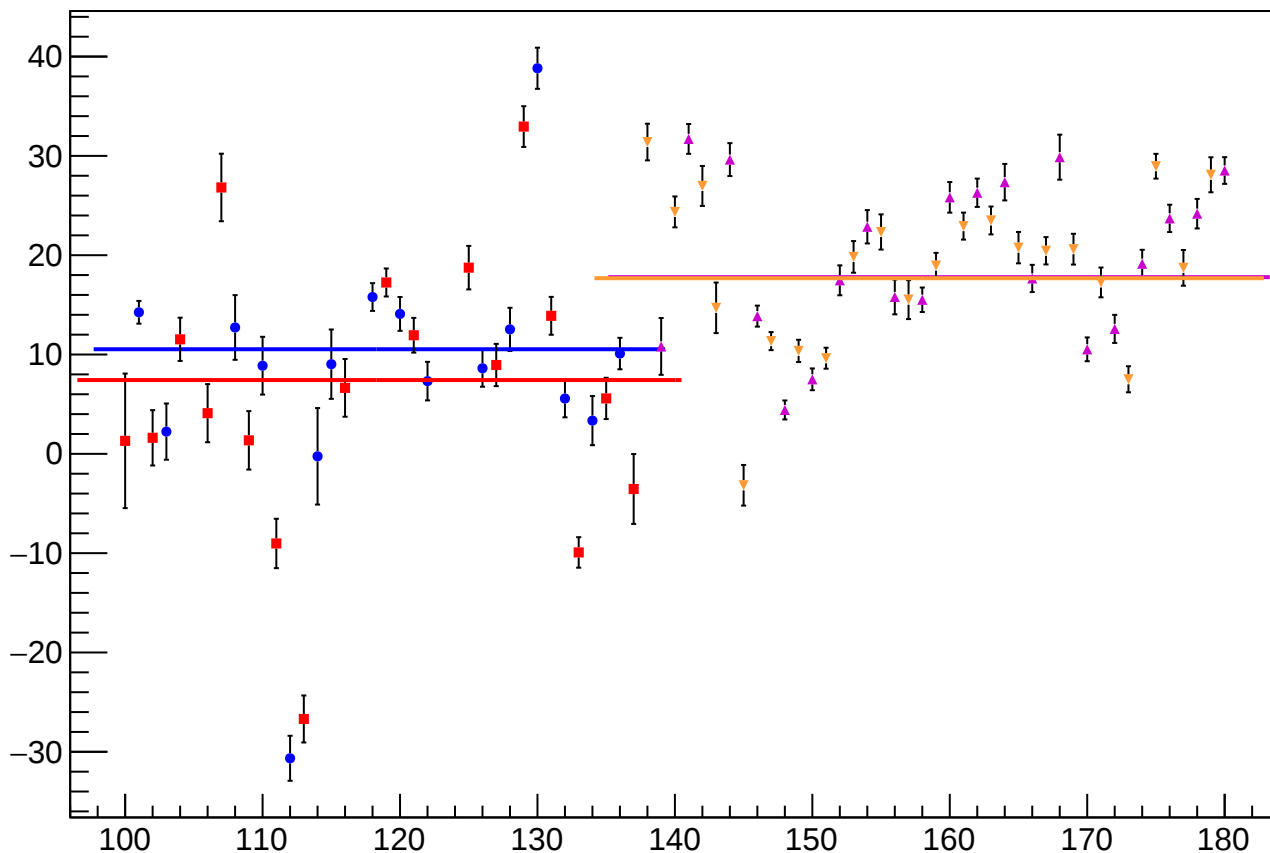
Right: 105.929 $\pm$ 0.581 χ^2/NDF : 5549.0/33

In: 70.476 $\pm$ 0.323 χ^2/NDF :6798.8/36

Out: 72.799 $\pm$ 0.335 χ^2/NDF :6924.6/39

All: 71.596 $\pm$ 0.232 χ^2/NDF : 13748.4/76

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 17.685 $\pm$ 0.308 χ^2 /NDF: 581.4/21

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 17.790 $\pm$ 0.306 χ^2 /NDF: 725.5/20

Left: 17.738 $\pm$ 0.217 χ^2 /NDF: 1307.0/42

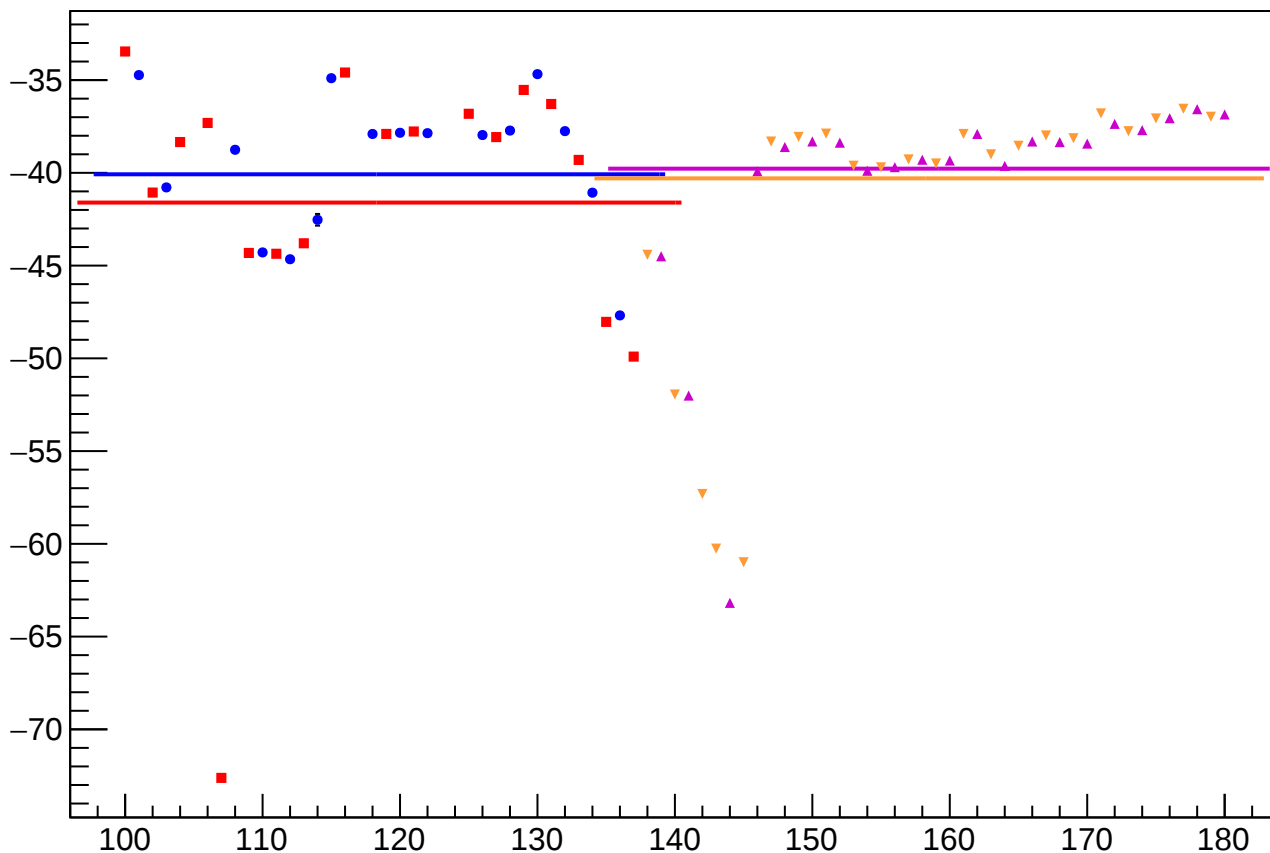
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 15.775 $\pm$ 0.260 χ^2 /NDF: 1462.5/36

Out: 15.044 $\pm$ 0.266 χ^2 /NDF: 1552.1/39

All: 15.418 $\pm$ 0.186 χ^2 /NDF: 3018.5/76

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -40.298 ± 0.015 $\chi^2/\text{NDF}: 154351.0/21$

Right Out: -41.602 ± 0.029 $\chi^2/\text{NDF}: 61856.4/17$

Left In: -39.775 ± 0.014 $\chi^2/\text{NDF}: 109333.2/20$

Left: -40.027 ± 0.010 $\chi^2/\text{NDF}: 264336.3/42$

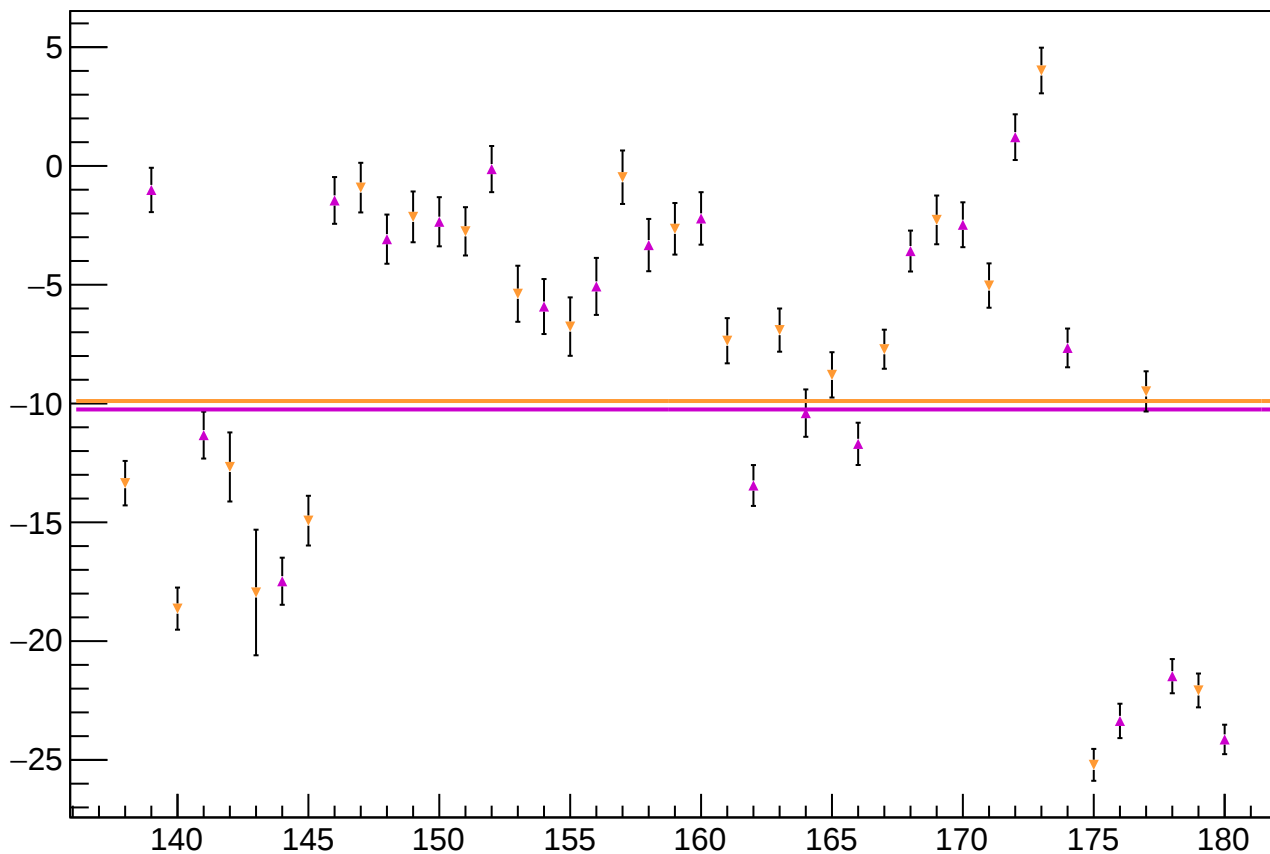
Right: -40.831 ± 0.020 $\chi^2/\text{NDF}: 88443.2/33$

In: -39.836 ± 0.013 $\chi^2/\text{NDF}: 134572.6/36$

Out: -40.571 ± 0.013 $\chi^2/\text{NDF}: 217856.1/39$

All: -40.193 ± 0.009 $\chi^2/\text{NDF}: 354051.8/76$

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: -9.895 $\pm$ 0.207 χ^2 /NDF:1590.2/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -10.250 $\pm$ 0.199 χ^2 /NDF:1942.1/20

Left: -10.079 $\pm$ 0.143 χ^2 /NDF: 3533.8/42

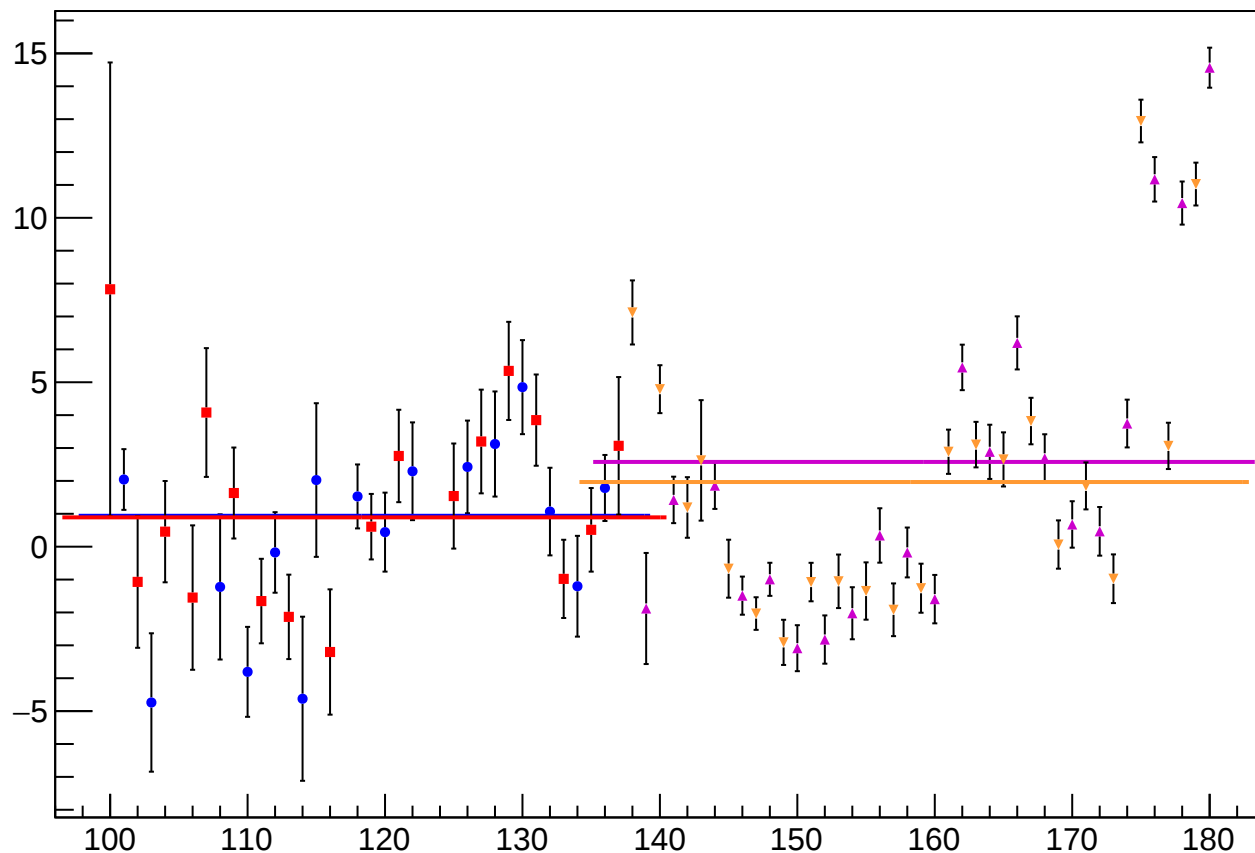
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -10.250 $\pm$ 0.199 χ^2 /NDF:1942.1/20

Out: -9.895 $\pm$ 0.207 χ^2 /NDF:1590.2/21

All: -10.079 $\pm$ 0.143 χ^2 /NDF: 3533.8/42

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 1.966 ± 0.156 $\chi^2/\text{NDF}: 782.4/21$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 2.577 ± 0.155 $\chi^2/\text{NDF}: 1065.6/20$

Left: 2.274 ± 0.110 $\chi^2/\text{NDF}: 1855.8/42$

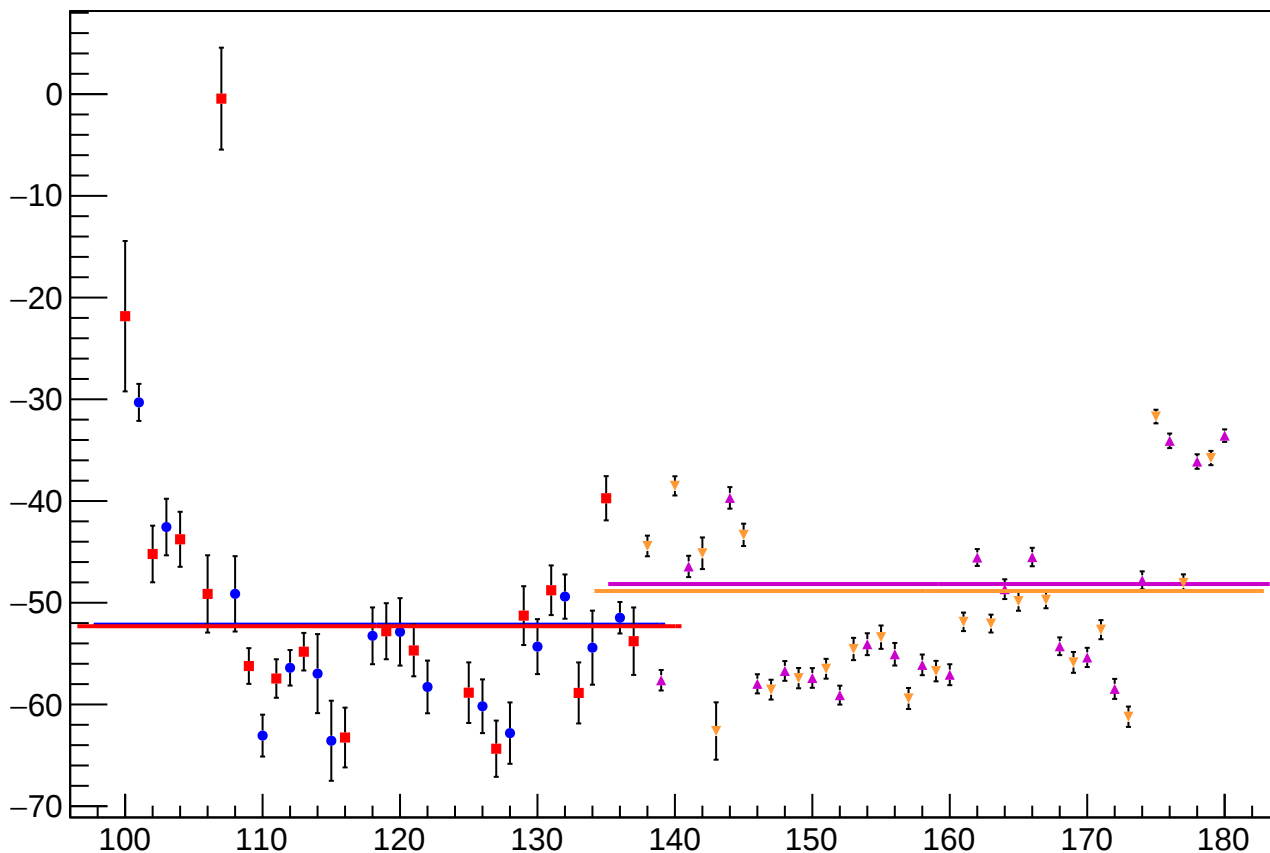
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 2.294 ± 0.141 $\chi^2/\text{NDF}: 1127.2/36$

Out: 1.791 ± 0.143 $\chi^2/\text{NDF}: 831.7/39$

All: 2.046 ± 0.100 $\chi^2/\text{NDF}: 1965.2/76$

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: -48.847 ± 0.205 χ^2/NDF : 1880.0/21

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -48.161 ± 0.197 χ^2/NDF : 2241.2/20

Left: -48.490 ± 0.142 χ^2/NDF : 4126.9/42

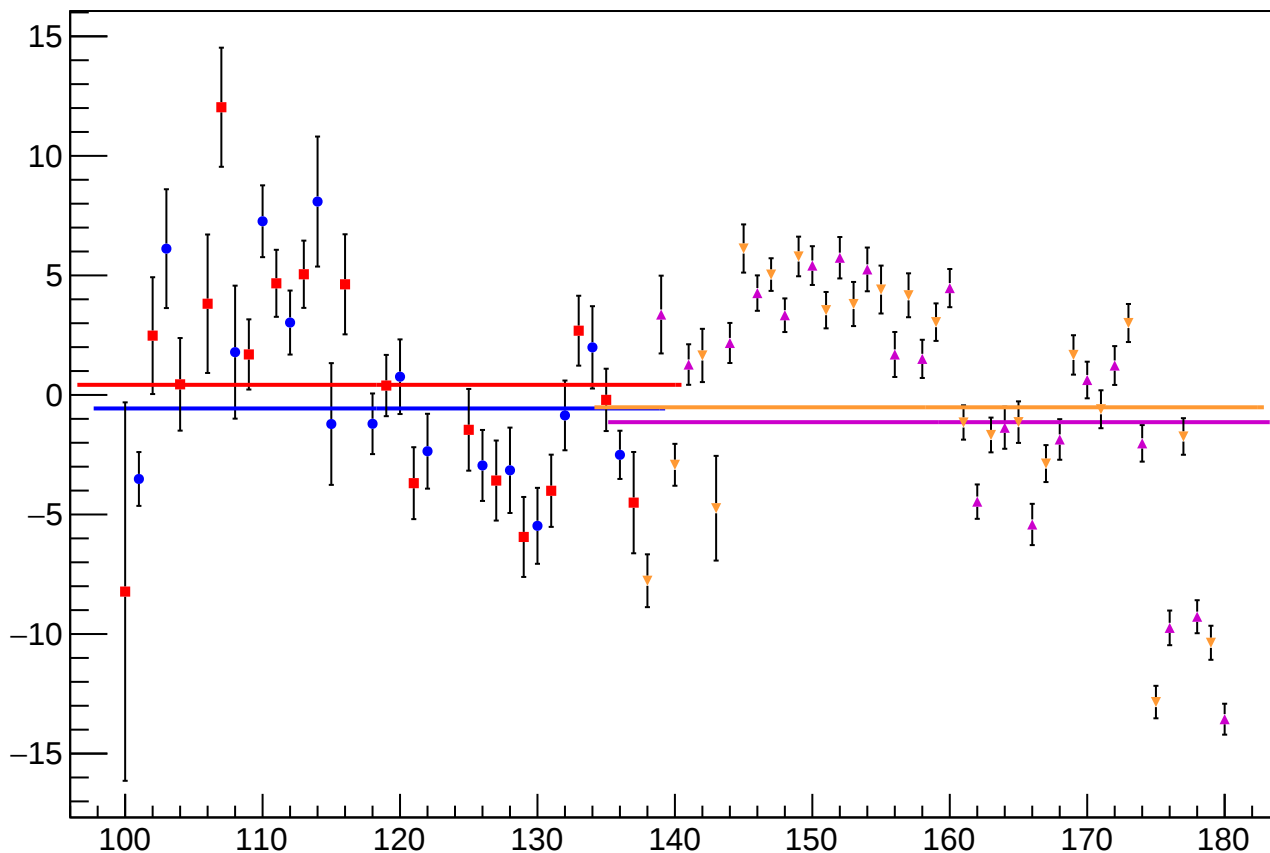
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -48.534 ± 0.187 χ^2/NDF : 2510.7/36

Out: -49.191 ± 0.194 χ^2/NDF : 2143.3/39

All: -48.851 ± 0.135 χ^2/NDF : 4659.9/76

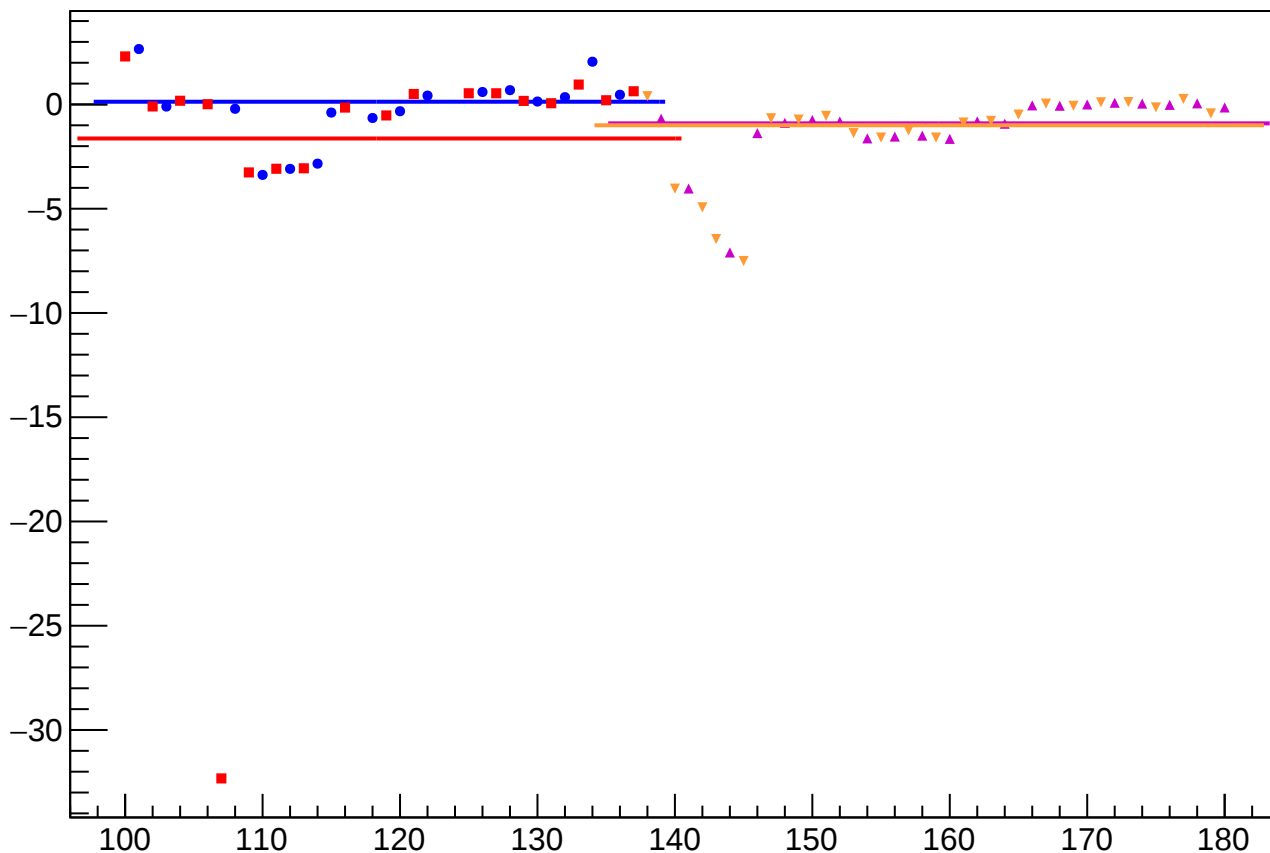
reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15
 Left Out: -0.516 ± 0.177 χ^2/NDF : 909.9/21
 Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17
 Left In: -1.138 ± 0.175 χ^2/NDF : 1081.9/20

Left: -0.831 ± 0.125 χ^2/NDF : 1998.0/42
 Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33
 In: -1.040 ± 0.159 χ^2/NDF : 1165.5/36
 Out: -0.361 ± 0.162 χ^2/NDF : 1009.8/39
 All: -0.707 ± 0.114 χ^2/NDF : 2184.2/76

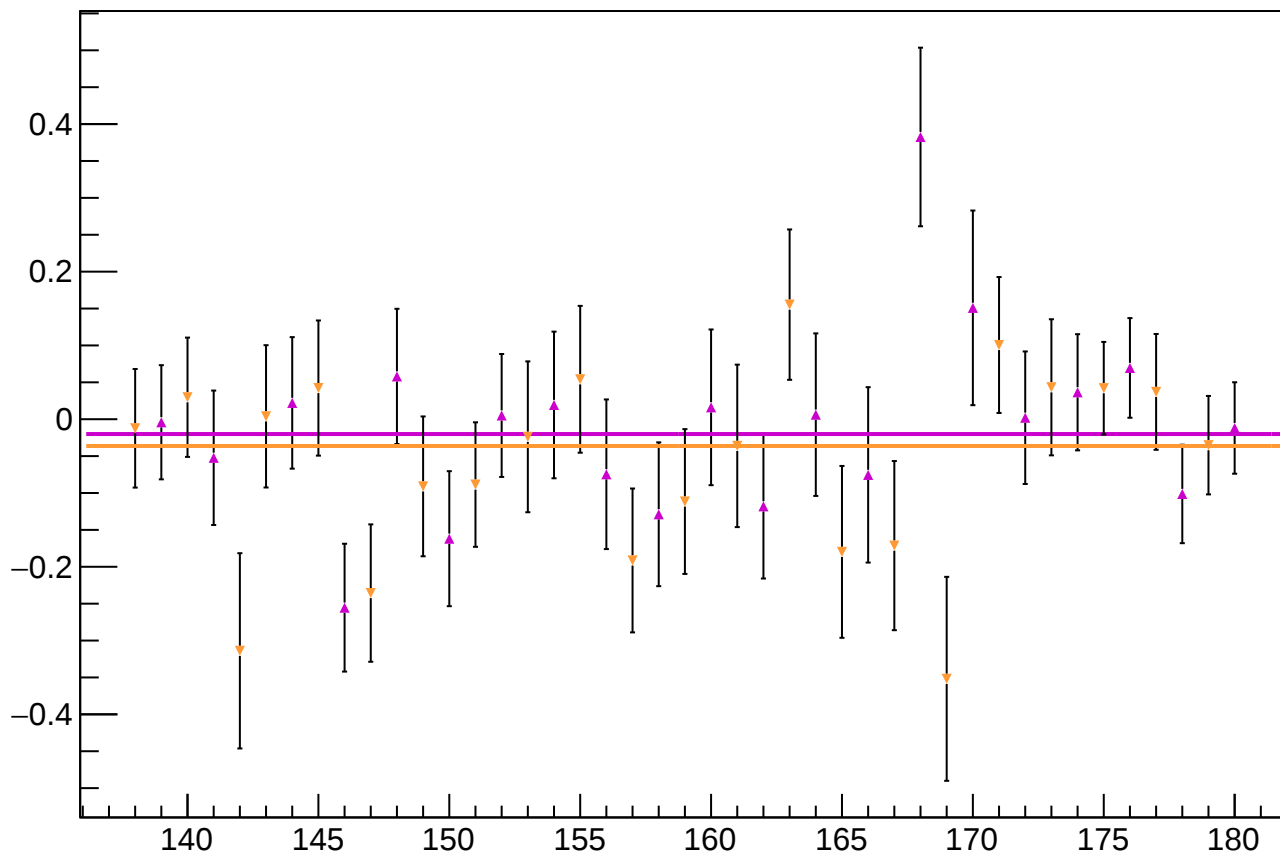
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -0.998 ± 0.008 $\chi^2/\text{NDF}: 42890.3/21$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -0.906 ± 0.008 $\chi^2/\text{NDF}: 30581.8/20$

Left: -0.951 ± 0.006 $\chi^2/\text{NDF}: 73536.4/42$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -0.782 ± 0.007 $\chi^2/\text{NDF}: 37858.6/36$
 Out: -1.076 ± 0.008 $\chi^2/\text{NDF}: 121506.1/39$
 All: -0.925 ± 0.005 $\chi^2/\text{NDF}: 160121.6/76$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.036 $\pm$ 0.020 χ^2 /NDF:32.4/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.020 $\pm$ 0.019 χ^2 /NDF:30.7/20

Left: -0.028 $\pm$ 0.014 χ^2 /NDF: 63.4/42

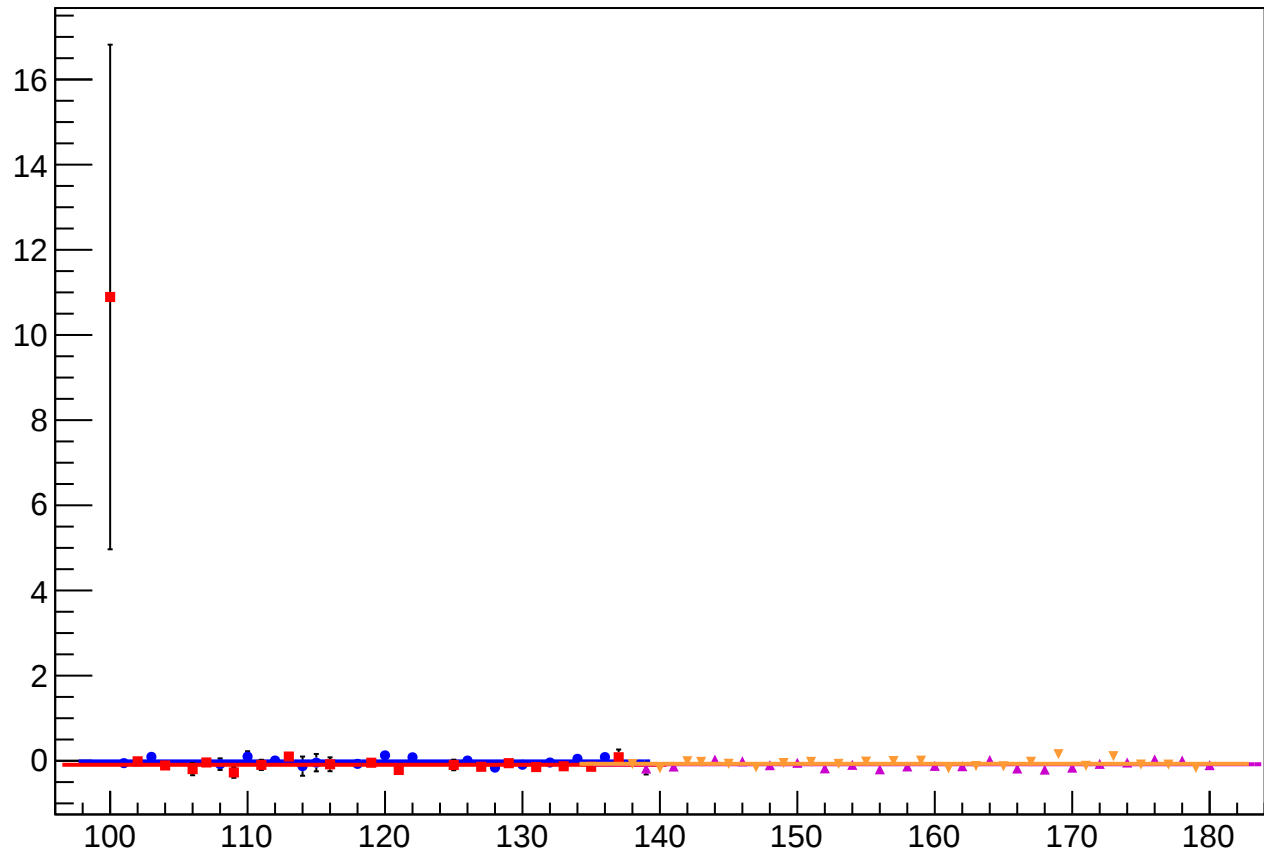
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.020 $\pm$ 0.019 χ^2 /NDF:30.7/20

Out: -0.036 $\pm$ 0.020 χ^2 /NDF:32.4/21

All: -0.028 $\pm$ 0.014 χ^2 /NDF: 63.4/42

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.071 ± 0.015 χ^2/NDF : 28.3/21

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.081 ± 0.015 χ^2/NDF : 22.9/20

Left: -0.076 ± 0.010 χ^2/NDF : 51.4/42

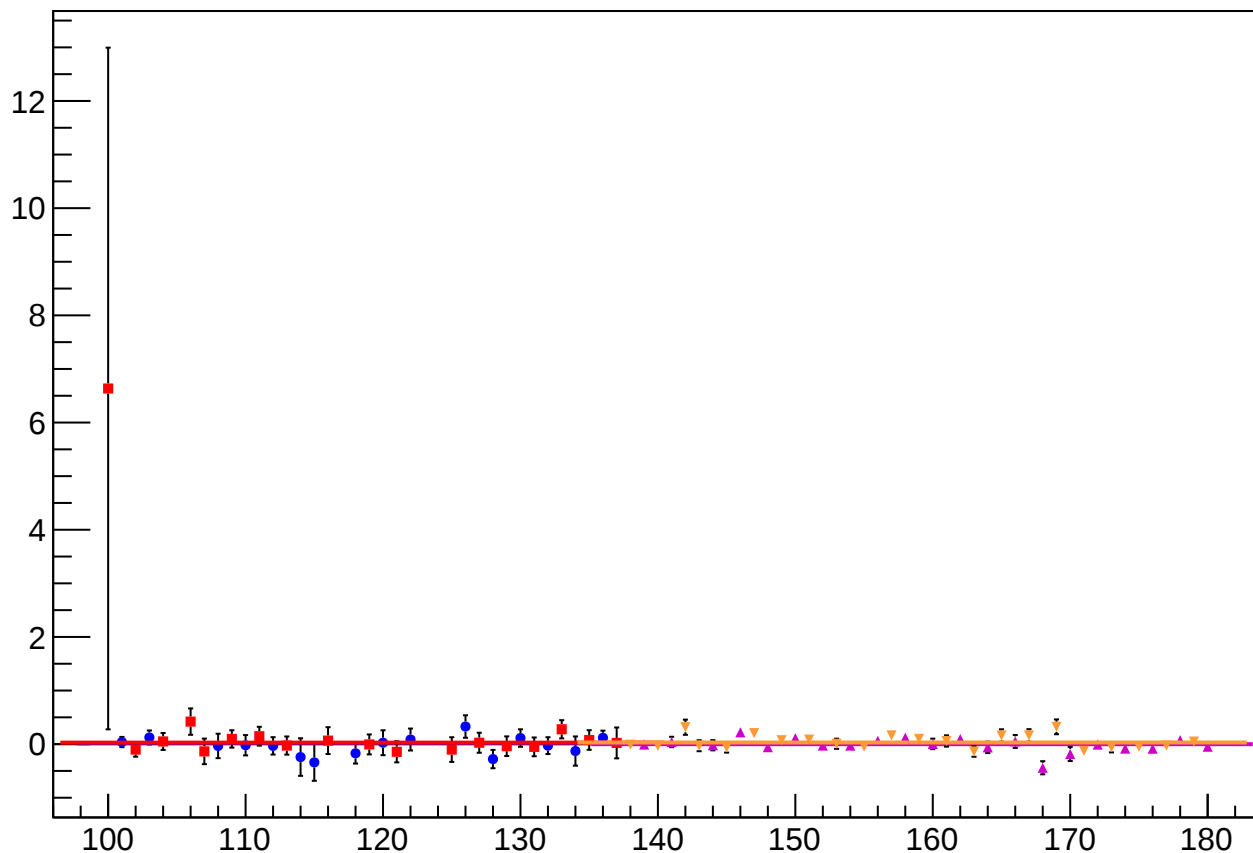
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.062 ± 0.013 χ^2/NDF : 41.3/36

Out: -0.076 ± 0.013 χ^2/NDF : 42.5/39

All: -0.069 ± 0.009 χ^2/NDF : 84.4/76

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: 0.031+/-0.019 χ^2/NDF :30.2/21

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: -0.001+/-0.019 χ^2/NDF :32.6/20

Left: 0.015+/-0.014 χ^2/NDF : 64.1/42

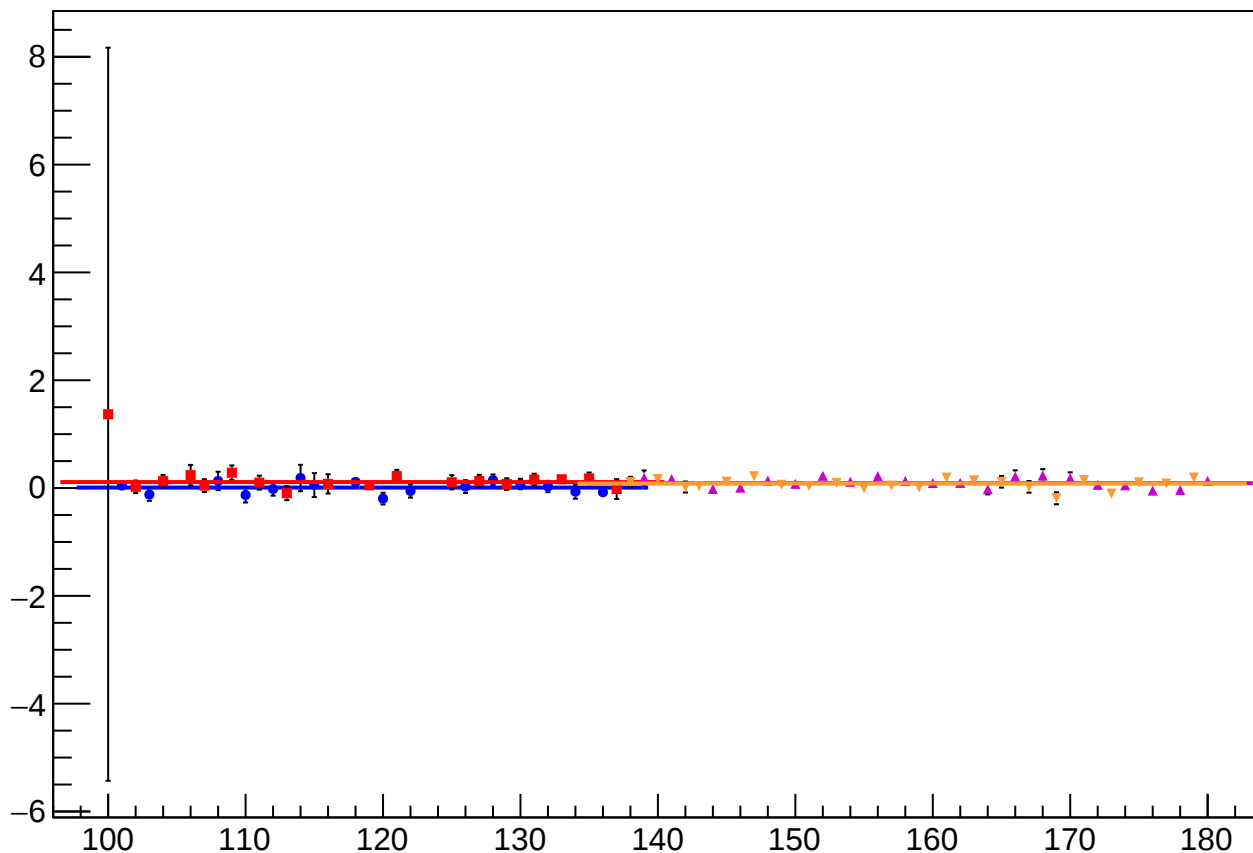
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.002+/-0.017 χ^2/NDF :42.8/36

Out: 0.030+/-0.018 χ^2/NDF :39.7/39

All: 0.016+/-0.012 χ^2/NDF : 83.8/76

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.084 $\pm$ 0.017 χ^2 /NDF:28.1/21

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.091 $\pm$ 0.017 χ^2 /NDF:25.8/20

Left: 0.088 $\pm$ 0.012 χ^2 /NDF: 54.0/42

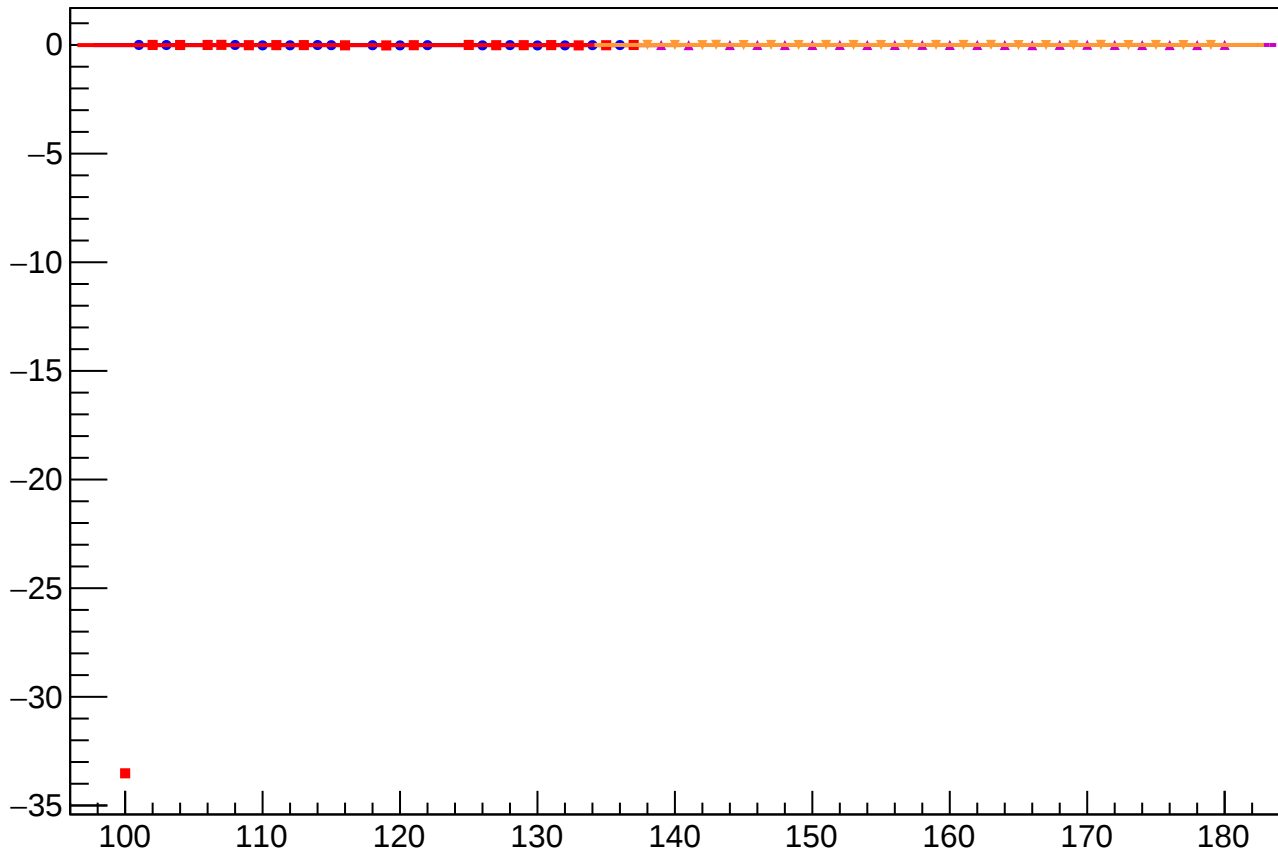
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.068 $\pm$ 0.014 χ^2 /NDF:45.1/36

Out: 0.091 $\pm$ 0.014 χ^2 /NDF:37.4/39

All: 0.079 $\pm$ 0.010 χ^2 /NDF: 83.8/76

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:22.5/21

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:20.5/20

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 43.7/42

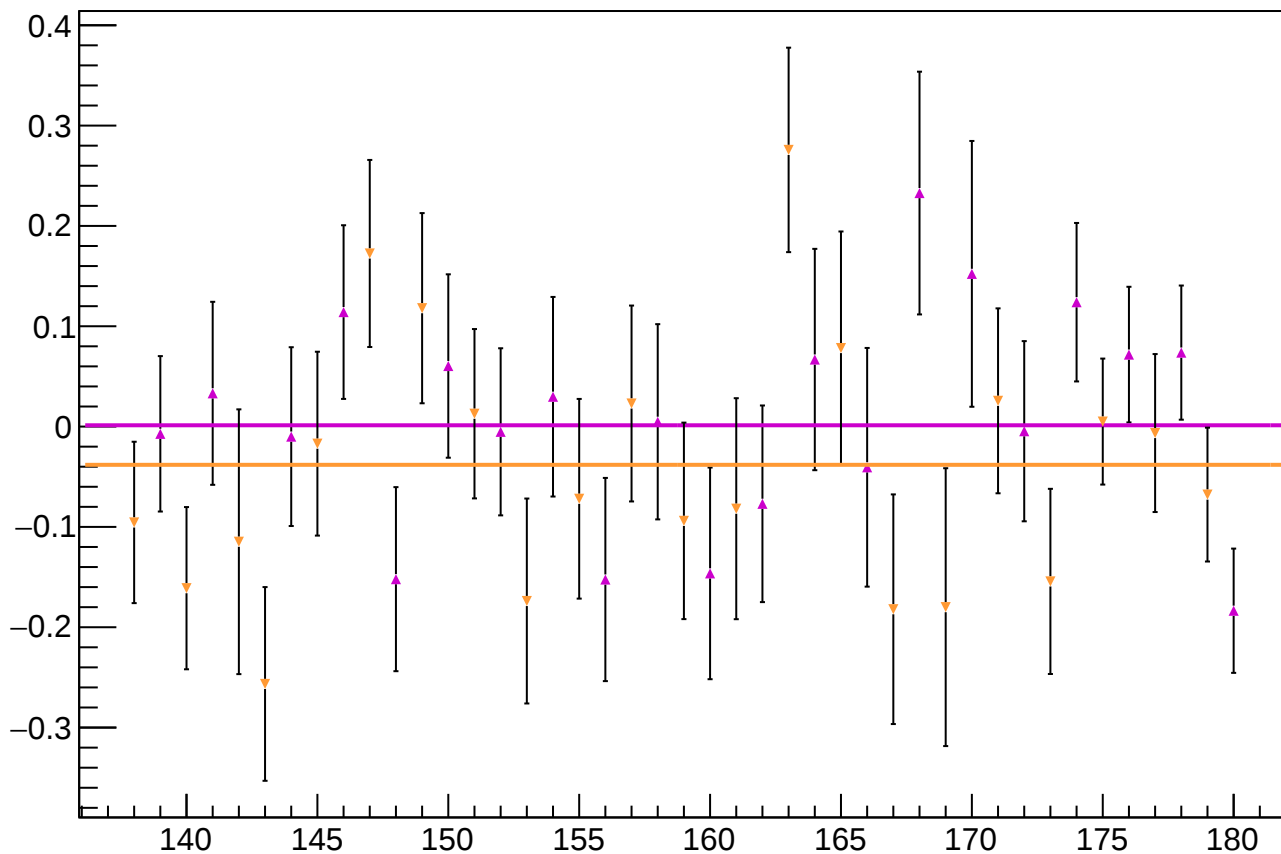
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.001 $\pm$ 0.001 χ^2 /NDF:54.4/36

Out: -0.001 $\pm$ 0.001 χ^2 /NDF:26548.8/39

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 26603.6/76

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: -0.038 $\pm$ 0.020 χ^2 /NDF:35.3/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.001 $\pm$ 0.019 χ^2 /NDF:29.1/20

Left: -0.018 $\pm$ 0.014 χ^2 /NDF: 66.4/42

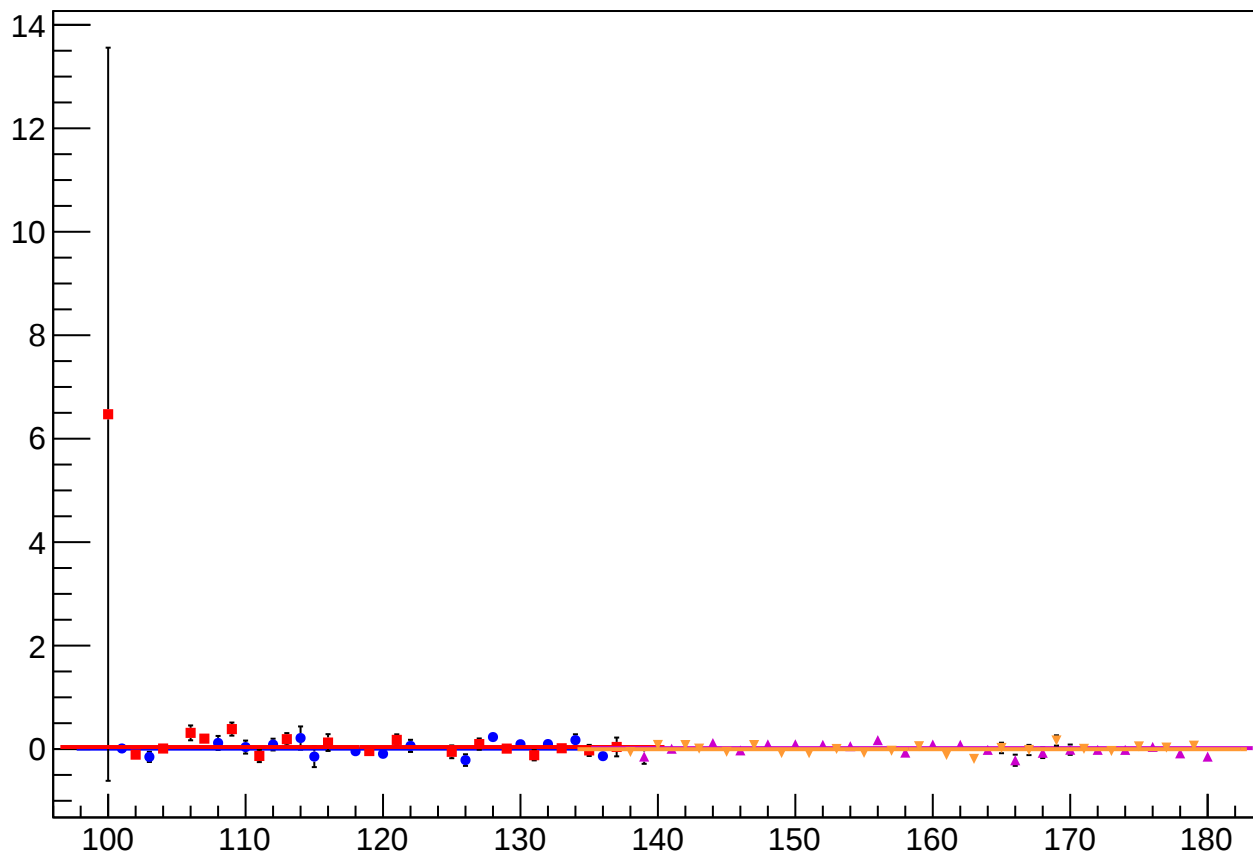
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.001 $\pm$ 0.019 χ^2 /NDF:29.1/20

Out: -0.038 $\pm$ 0.020 χ^2 /NDF:35.3/21

All: -0.018 $\pm$ 0.014 χ^2 /NDF: 66.4/42

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: -0.003+/-0.015 χ^2/NDF : 25.9/21

Right Out: 0.039+/-0.025 χ^2/NDF : 28.4/17

Left In: 0.018+/-0.015 χ^2/NDF : 34.3/20

Left: 0.007+/-0.010 χ^2/NDF : 61.1/42

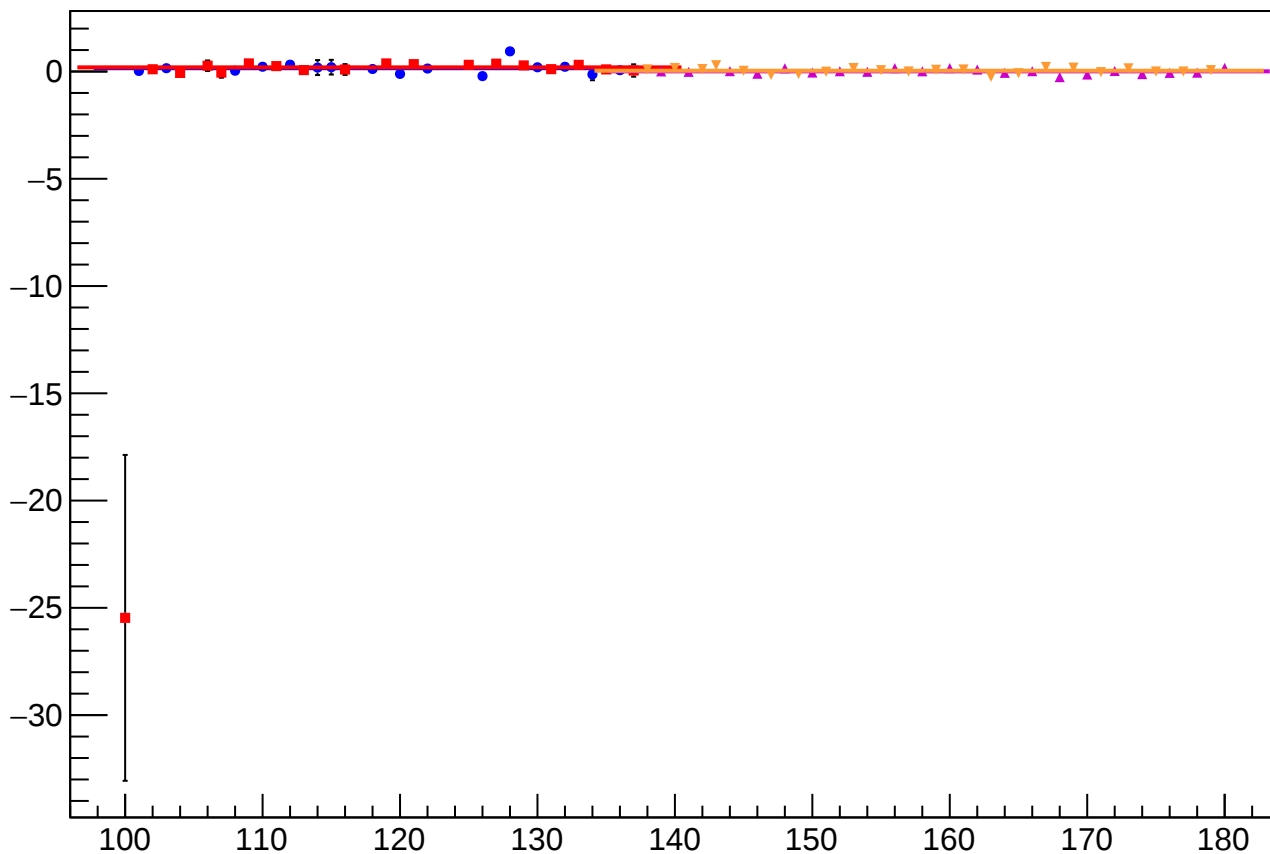
Right: 0.023+/-0.017 χ^2/NDF : 52.9/33

In: 0.015+/-0.013 χ^2/NDF : 58.1/36

Out: 0.008+/-0.013 χ^2/NDF : 56.4/39

All: 0.012+/-0.009 χ^2/NDF : 114.7/76

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 χ^2/NDF : 30.5/15

Left Out: 0.037 ± 0.019 χ^2/NDF : 35.4/21

Right Out: 0.193 ± 0.045 χ^2/NDF : 22.0/17

Left In: 0.008 ± 0.019 χ^2/NDF : 28.2/20

Left: 0.022 ± 0.014 χ^2/NDF : 64.8/42

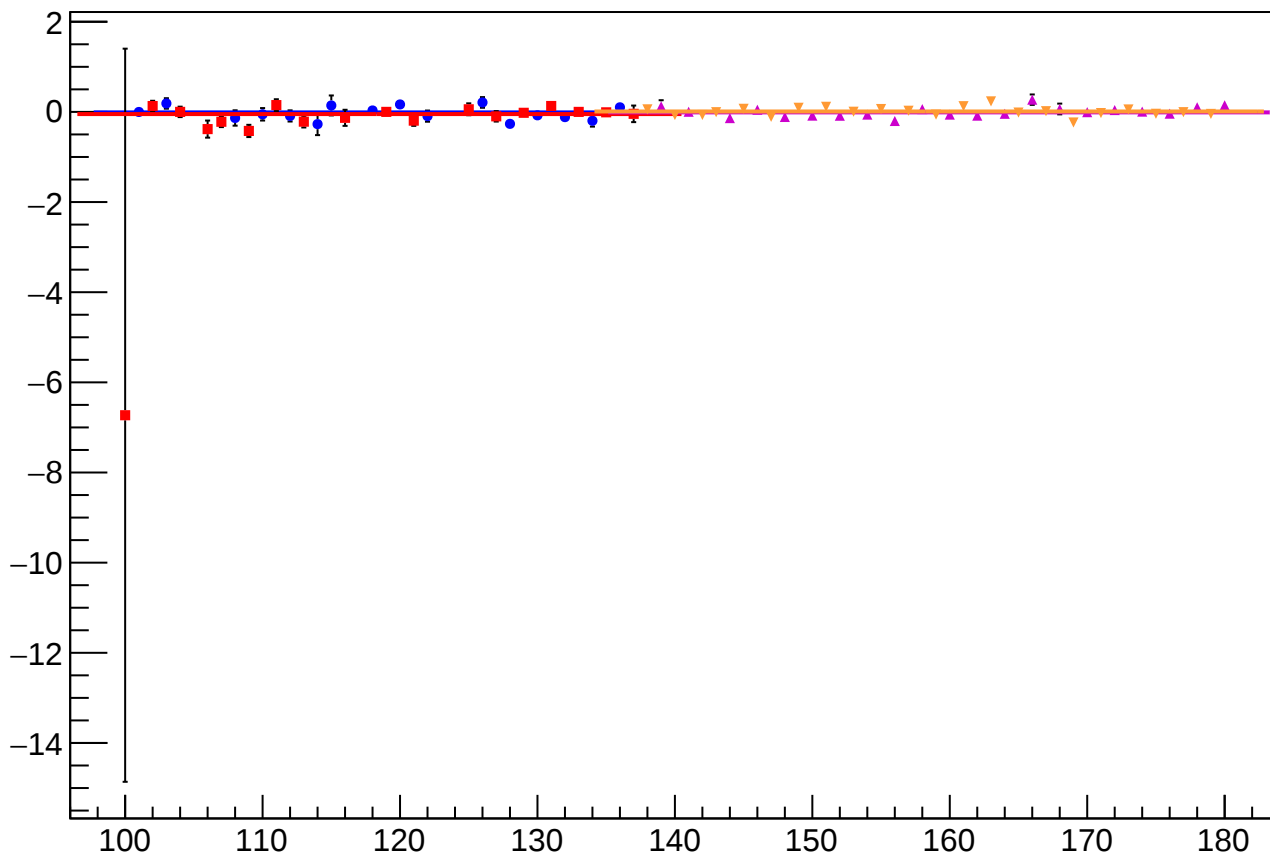
Right: 0.173 ± 0.031 χ^2/NDF : 52.9/33

In: 0.032 ± 0.017 χ^2/NDF : 68.5/36

Out: 0.061 ± 0.018 χ^2/NDF : 67.6/39

All: 0.046 ± 0.012 χ^2/NDF : 137.5/76

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: 0.009 ± 0.017 χ^2/NDF : 27.9/21

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.011 ± 0.017 χ^2/NDF : 34.0/20

Left: -0.001 ± 0.012 χ^2/NDF : 62.6/42

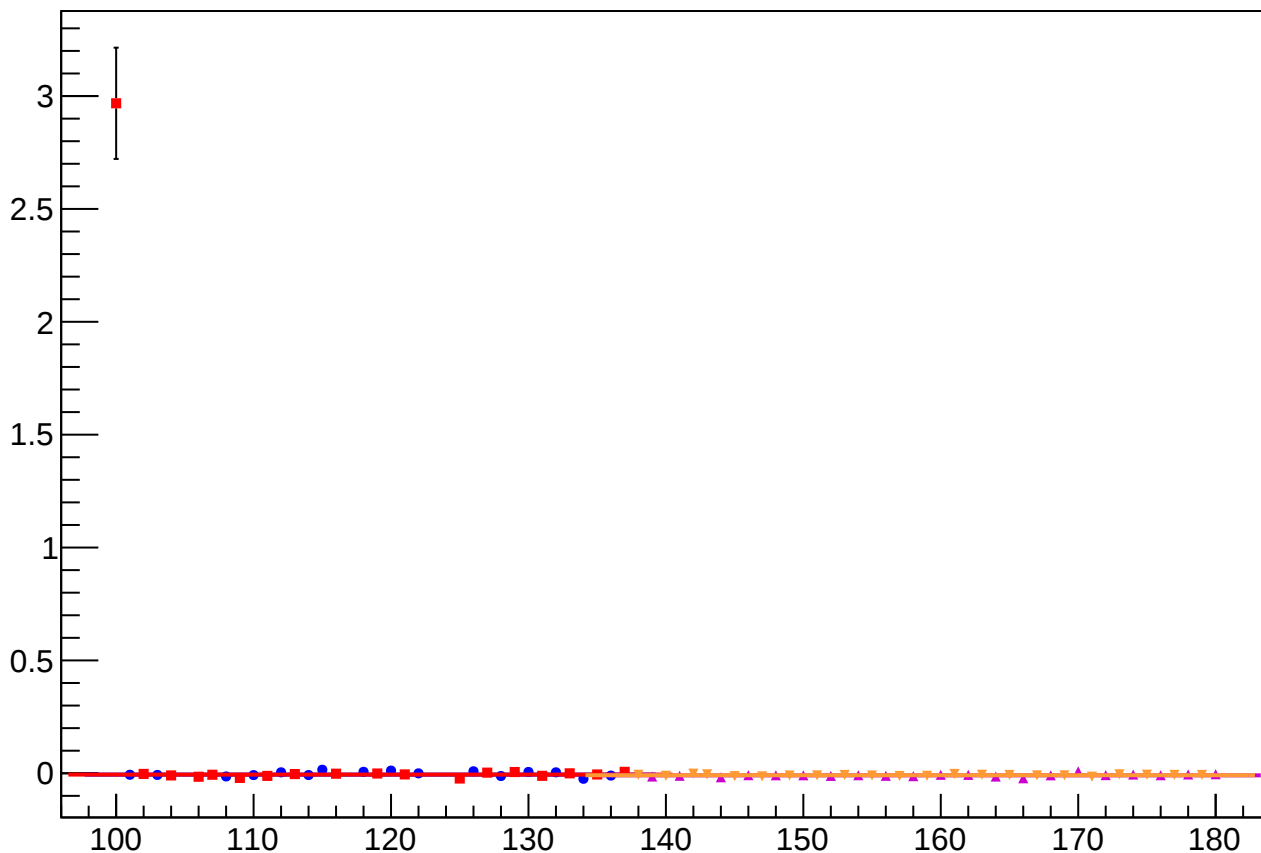
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.011 ± 0.014 χ^2/NDF : 57.4/36

Out: -0.005 ± 0.014 χ^2/NDF : 57.1/39

All: -0.008 ± 0.010 χ^2/NDF : 114.6/76

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2 /NDF: 28.7/15

Left Out: -0.009+/-0.001 χ^2 /NDF:16.8/21

Right Out: -0.006+/-0.001 χ^2 /NDF: 165.2/17

Left In: -0.009+/-0.001 χ^2 /NDF:37.1/20

Left: -0.009+/-0.001 χ^2 /NDF: 54.0/42

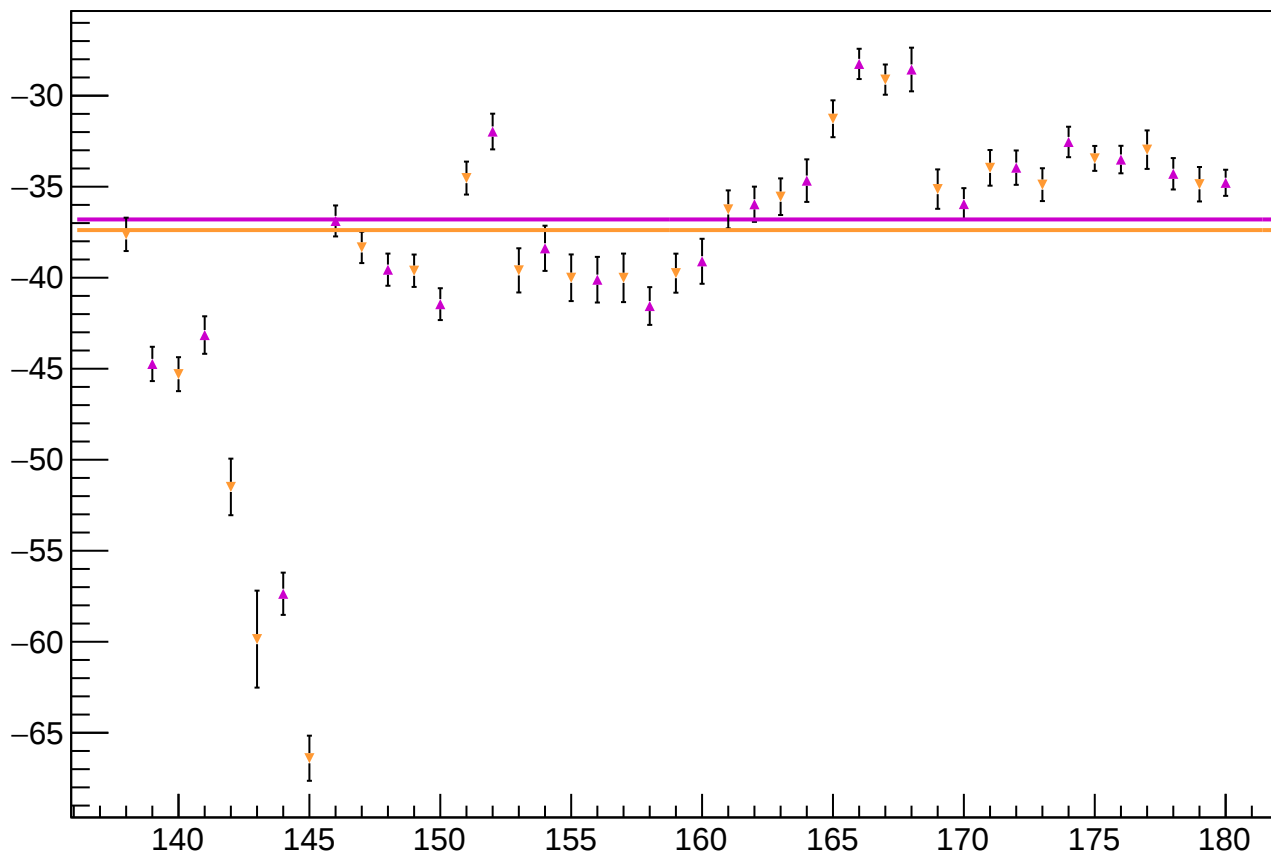
Right: -0.006+/-0.001 χ^2 /NDF: 193.9/33

In: -0.008+/-0.001 χ^2 /NDF:69.5/36

Out: -0.008+/-0.001 χ^2 /NDF:184.9/39

All: -0.008+/-0.000 χ^2 /NDF: 254.6/76

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.384+/-0.215 χ^2/NDF :1029.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.799+/-0.206 χ^2/NDF :746.4/20

Left: -37.080+/-0.149 χ^2/NDF : 1779.5/42

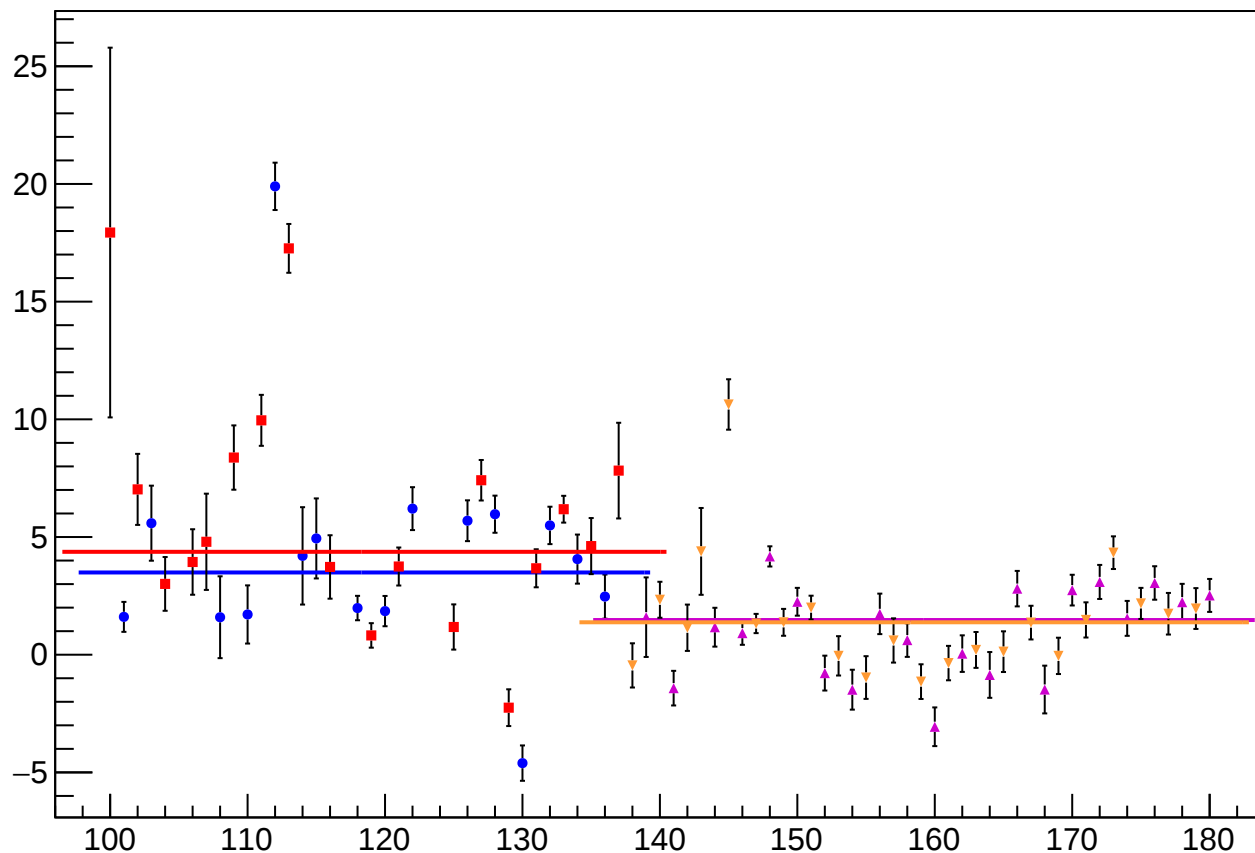
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.799+/-0.206 χ^2/NDF :746.4/20

Out: -37.384+/-0.215 χ^2/NDF :1029.2/21

All: -37.080+/-0.149 χ^2/NDF : 1779.5/42

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: 1.378 $\pm$ 0.156 χ^2 /NDF:140.0/21

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.473 $\pm$ 0.156 χ^2 /NDF:149.3/20

Left: 1.426 $\pm$ 0.110 χ^2 /NDF: 289.5/42

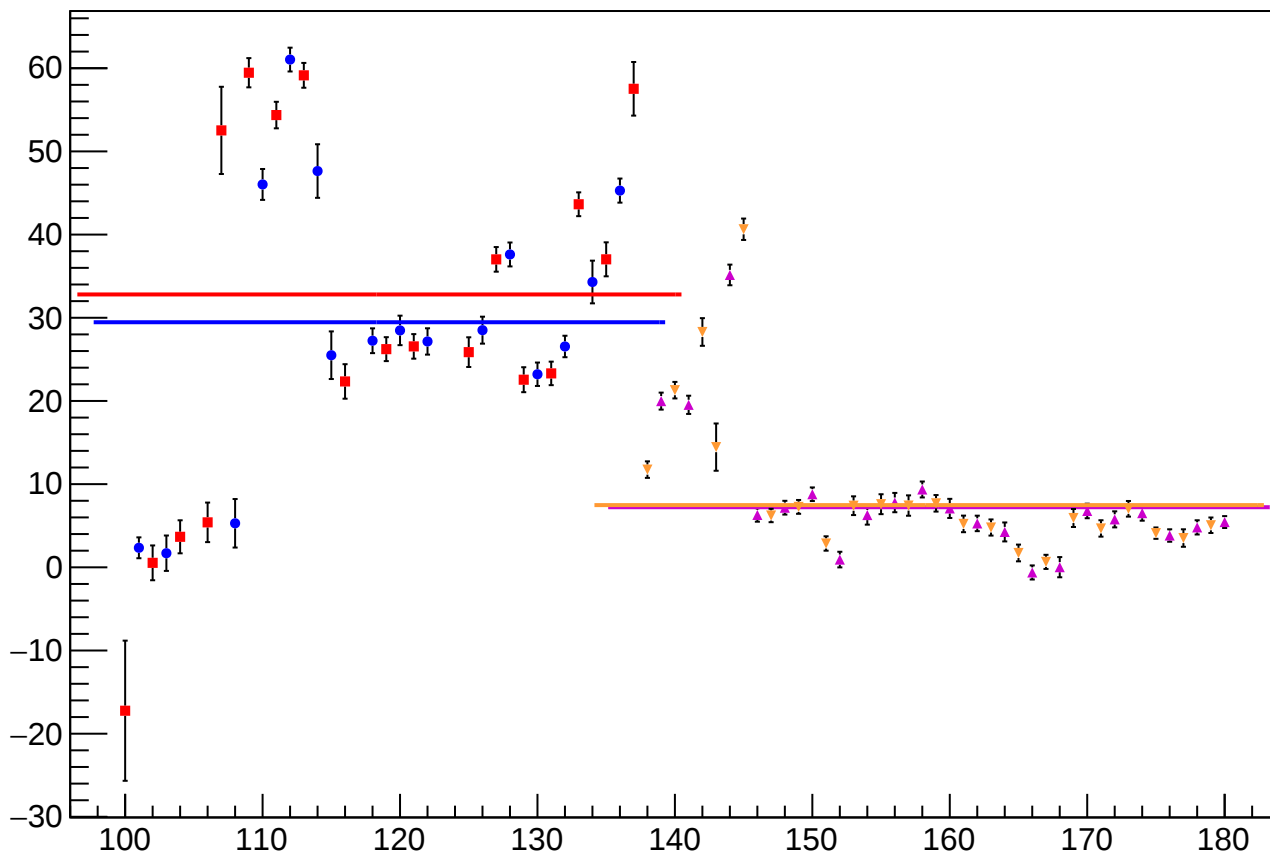
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.158 $\pm$ 0.127 χ^2 /NDF:651.2/36

Out: 2.351 $\pm$ 0.128 χ^2 /NDF:613.1/39

All: 2.253 $\pm$ 0.090 χ^2 /NDF: 1265.5/76

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 ± 0.418 χ^2/NDF : 1491.6/15

Left Out: 7.480 ± 0.212 χ^2/NDF : 1235.6/21

Right Out: 32.804 ± 0.423 χ^2/NDF : 1659.8/17

Left In: 7.226 ± 0.204 χ^2/NDF : 1014.8/20

Left: 7.348 ± 0.147 χ^2/NDF : 2251.2/42

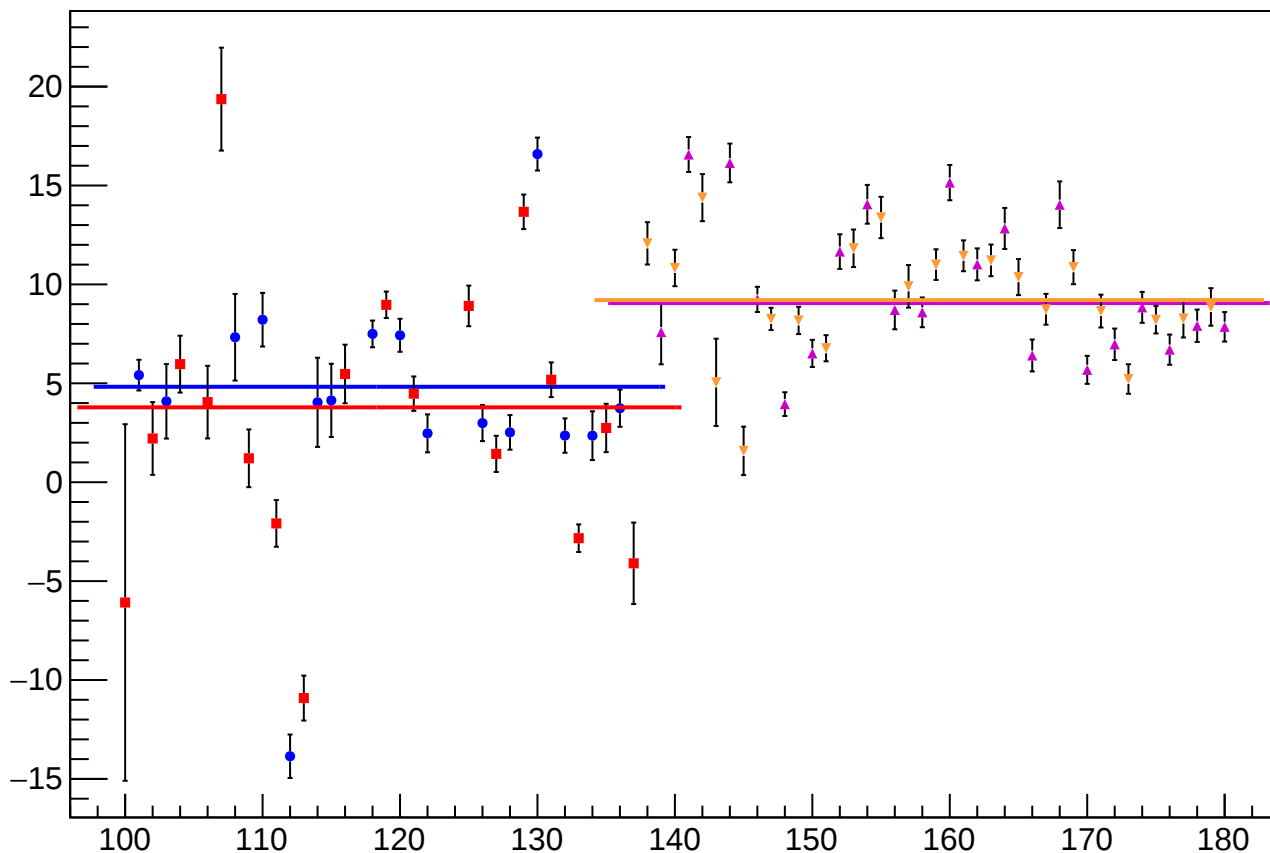
Right: 31.111 ± 0.297 χ^2/NDF : 3183.0/33

In: 11.504 ± 0.183 χ^2/NDF : 4797.2/36

Out: 12.564 ± 0.190 χ^2/NDF : 5760.3/39

All: 12.016 ± 0.132 χ^2/NDF : 10573.8/76

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.206 $\pm$ 0.181 χ^2 /NDF:172.0/21

Right Out: 3.784 $\pm$ 0.259 χ^2 /NDF: 564.8/17

Left In: 9.057 $\pm$ 0.178 χ^2 /NDF:385.2/20

Left: 9.131 $\pm$ 0.127 χ^2 /NDF: 557.5/42

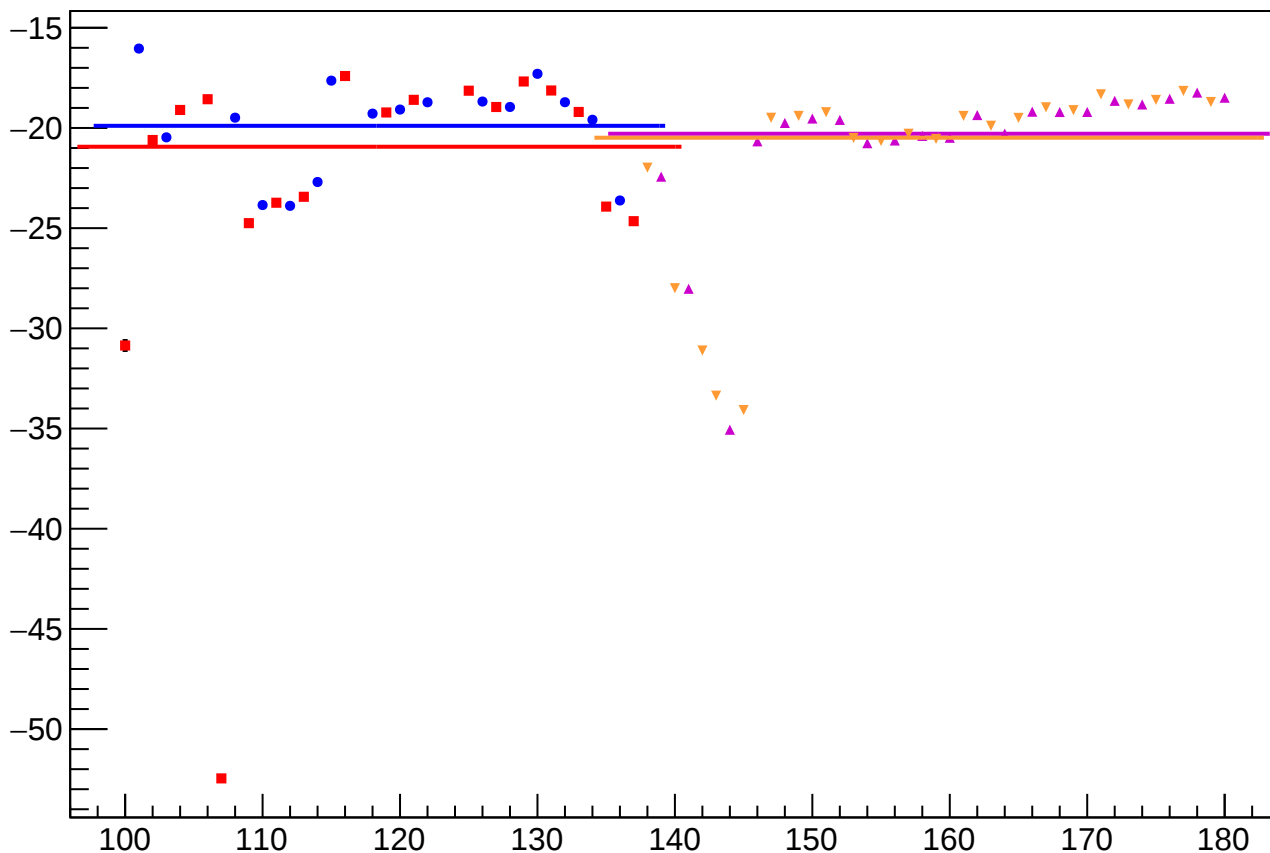
Right: 4.319 $\pm$ 0.180 χ^2 /NDF: 1126.1/33

In: 7.642 $\pm$ 0.146 χ^2 /NDF:1126.5/36

Out: 7.431 $\pm$ 0.148 χ^2 /NDF:1031.9/39

All: 7.538 $\pm$ 0.104 χ^2 /NDF: 2159.4/76

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -20.487 ± 0.009 χ^2/NDF : 162640.3/21

Right Out: -20.936 ± 0.016 χ^2/NDF : 94127.3/17

Left In: -20.288 ± 0.008 χ^2/NDF : 124462.0/20

Left: -20.384 ± 0.006 χ^2/NDF : 287384.4/42

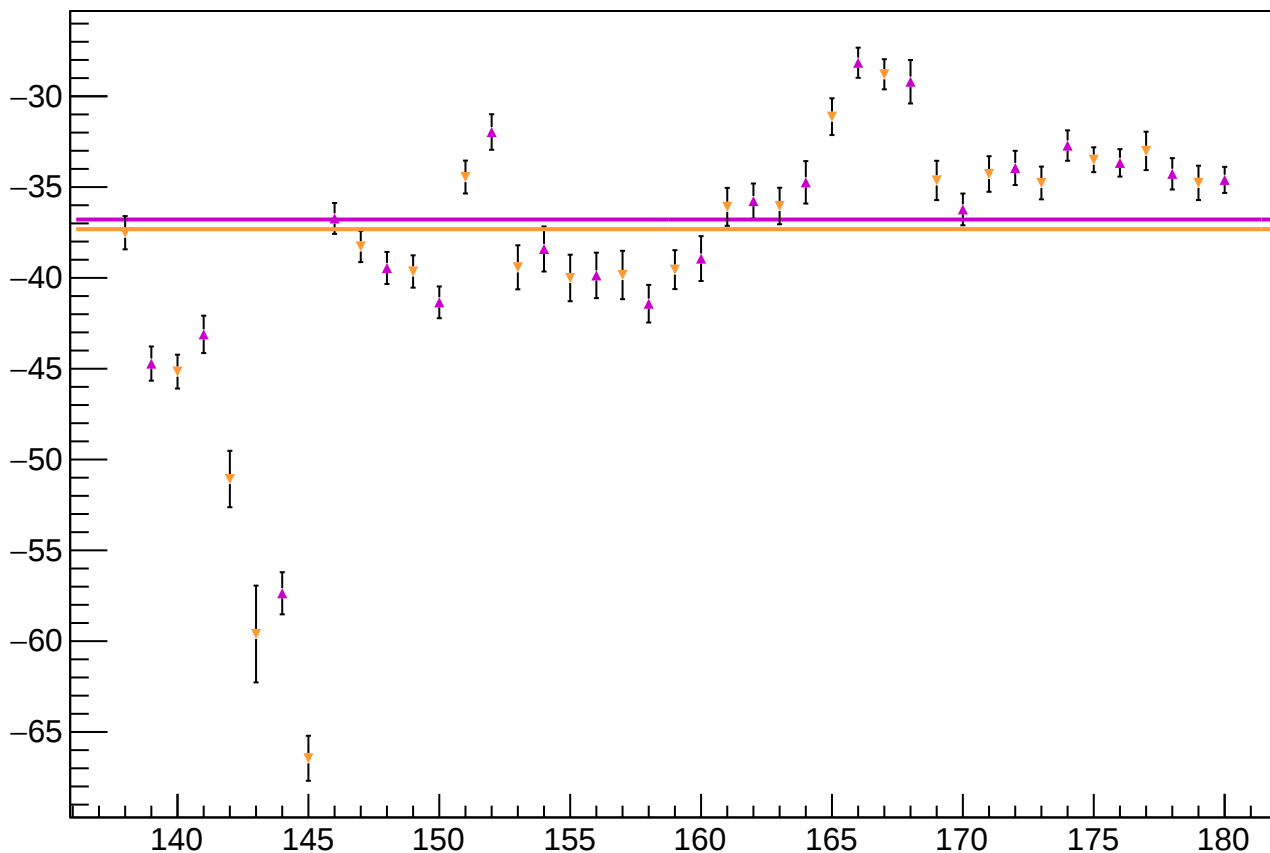
Right: -20.410 ± 0.011 χ^2/NDF : 122445.5/33

In: -20.202 ± 0.007 χ^2/NDF : 151058.9/36

Out: -20.589 ± 0.007 χ^2/NDF : 257399.2/39

All: -20.390 ± 0.005 χ^2/NDF : 409834.2/76

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



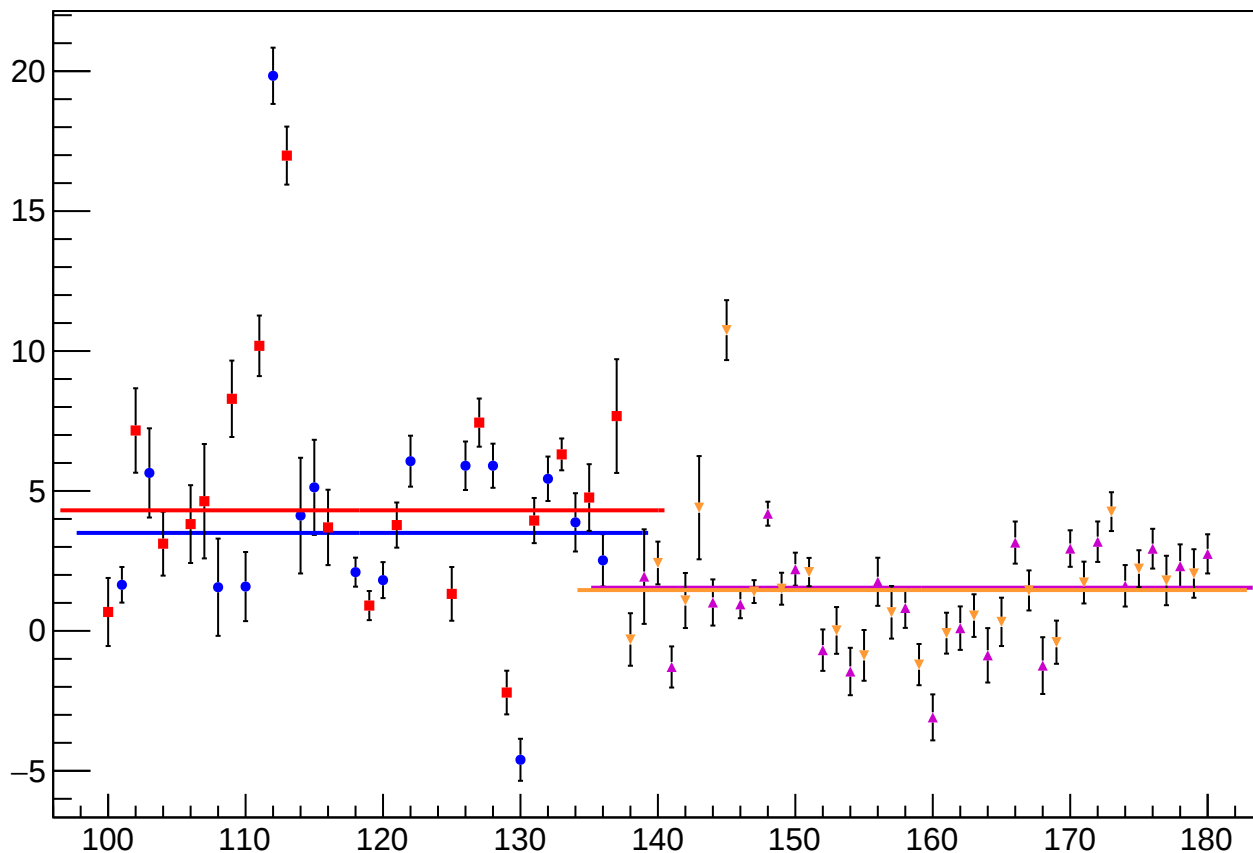
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -37.316 ± 0.215 χ^2/NDF : 1030.7/21
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -36.786 ± 0.206 χ^2/NDF : 735.0/20

Left: -37.040 ± 0.149 χ^2/NDF : 1768.9/42
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -36.786 ± 0.206 χ^2/NDF : 735.0/20
 Out: -37.316 ± 0.215 χ^2/NDF : 1030.7/21

All: -37.040 ± 0.149 χ^2/NDF : 1768.9/42

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.459 ± 0.156 χ^2/NDF : 140.0/21

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.543 ± 0.156 χ^2/NDF : 149.9/20

Left: 1.501 ± 0.110 χ^2/NDF : 290.0/42

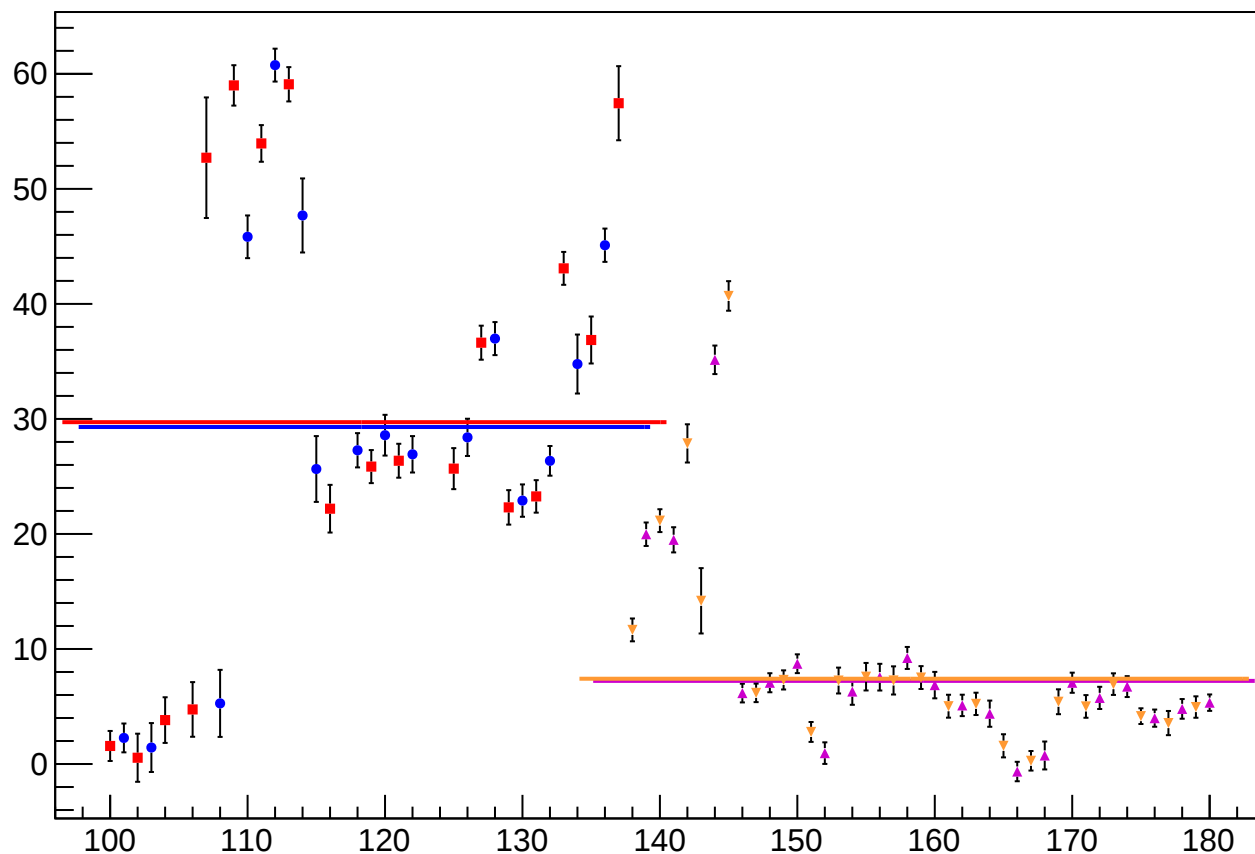
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.206 ± 0.127 χ^2/NDF : 645.4/36

Out: 2.405 ± 0.128 χ^2/NDF : 603.3/39

All: 2.305 ± 0.090 χ^2/NDF : 1249.9/76

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: 7.414 $\pm$ 0.212 χ^2 /NDF:1236.0/21

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 7.226 $\pm$ 0.204 χ^2 /NDF:1006.8/20

Left: 7.317 $\pm$ 0.147 χ^2 /NDF: 2243.2/42

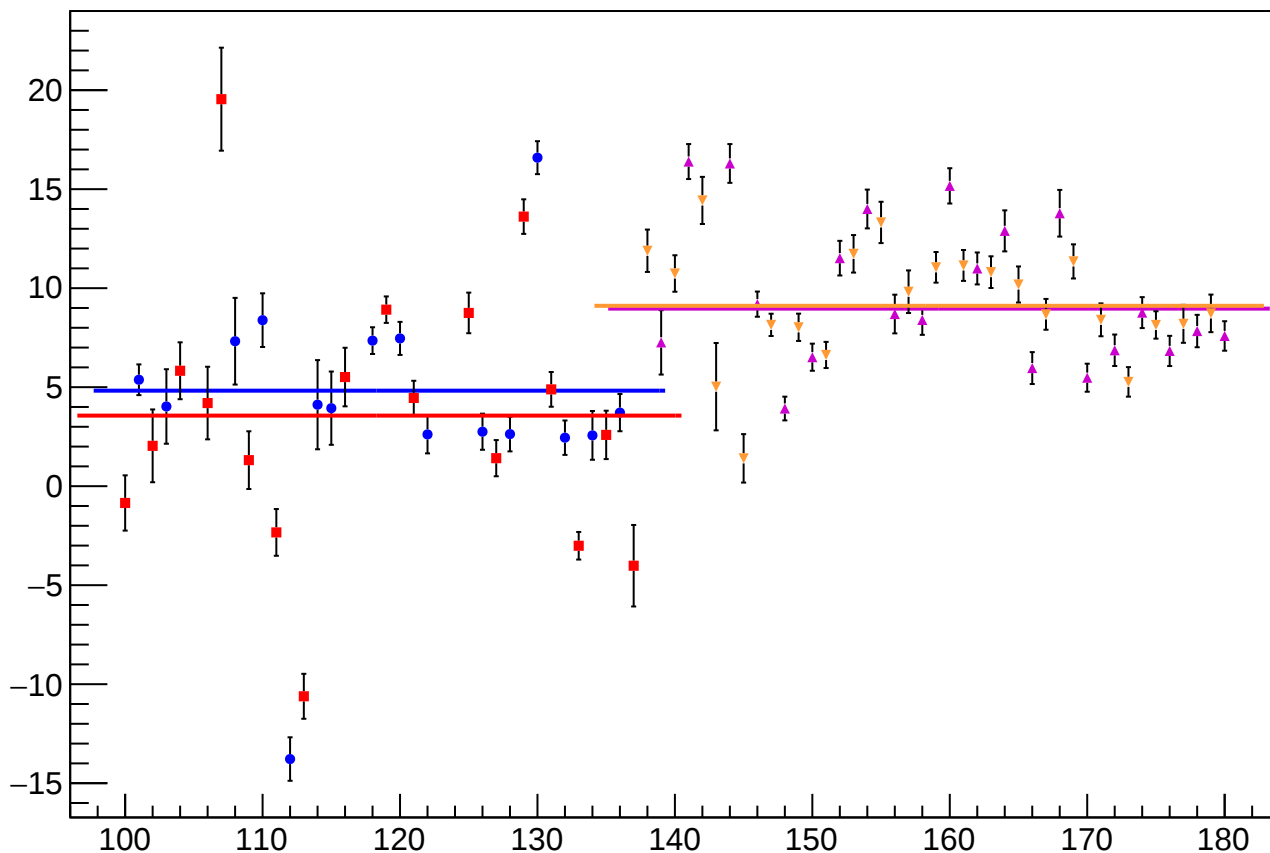
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 11.473 $\pm$ 0.183 χ^2 /NDF:4751.6/36

Out: 12.252 $\pm$ 0.187 χ^2 /NDF:5769.1/39

All: 11.853 $\pm$ 0.131 χ^2 /NDF: 10529.5/76

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.110 ± 0.180 χ^2/NDF : 173.3/21

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 8.967 ± 0.178 χ^2/NDF : 391.5/20

Left: 9.038 ± 0.127 χ^2/NDF : 565.0/42

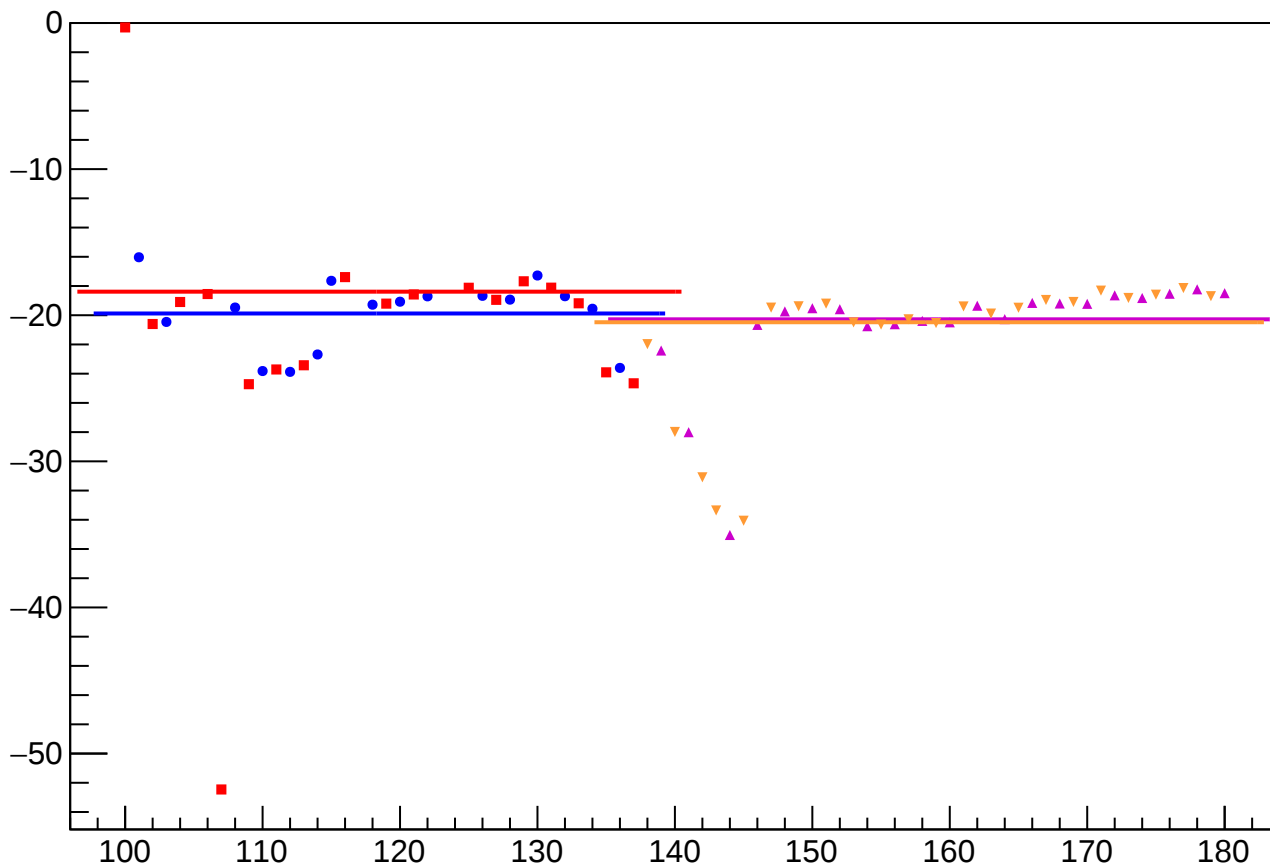
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.582 ± 0.145 χ^2/NDF : 1121.4/36

Out: 7.253 ± 0.147 χ^2/NDF : 1059.5/39

All: 7.420 ± 0.103 χ^2/NDF : 2183.4/76

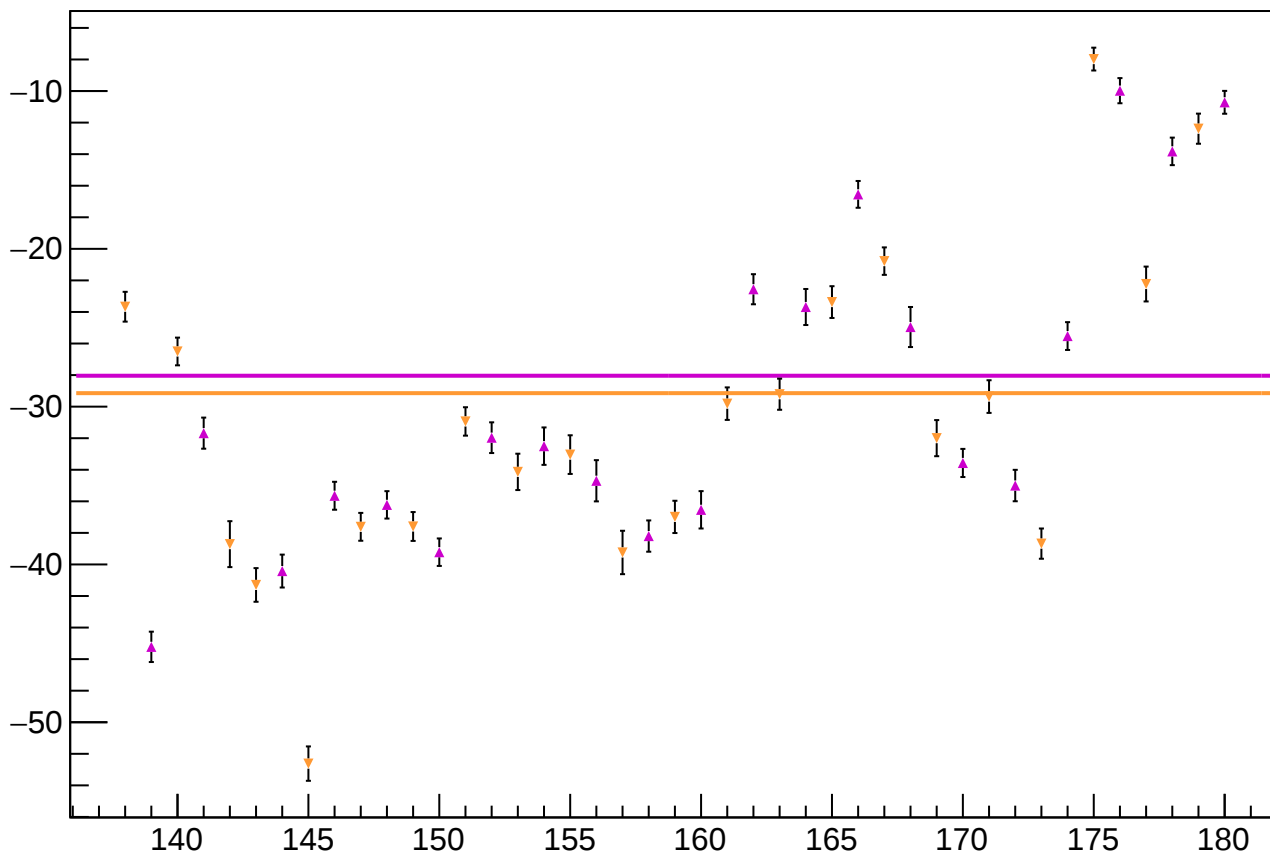
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -20.480 ± 0.009 $\chi^2/\text{NDF}: 162756.8/21$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -20.280 ± 0.008 $\chi^2/\text{NDF}: 124351.1/20$

Left: -20.376 ± 0.006 $\chi^2/\text{NDF}: 287391.7/42$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.193 ± 0.007 $\chi^2/\text{NDF}: 150947.9/36$
 Out: -19.956 ± 0.007 $\chi^2/\text{NDF}: 479118.4/39$
 All: -20.076 ± 0.005 $\chi^2/\text{NDF}: 630589.0/76$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



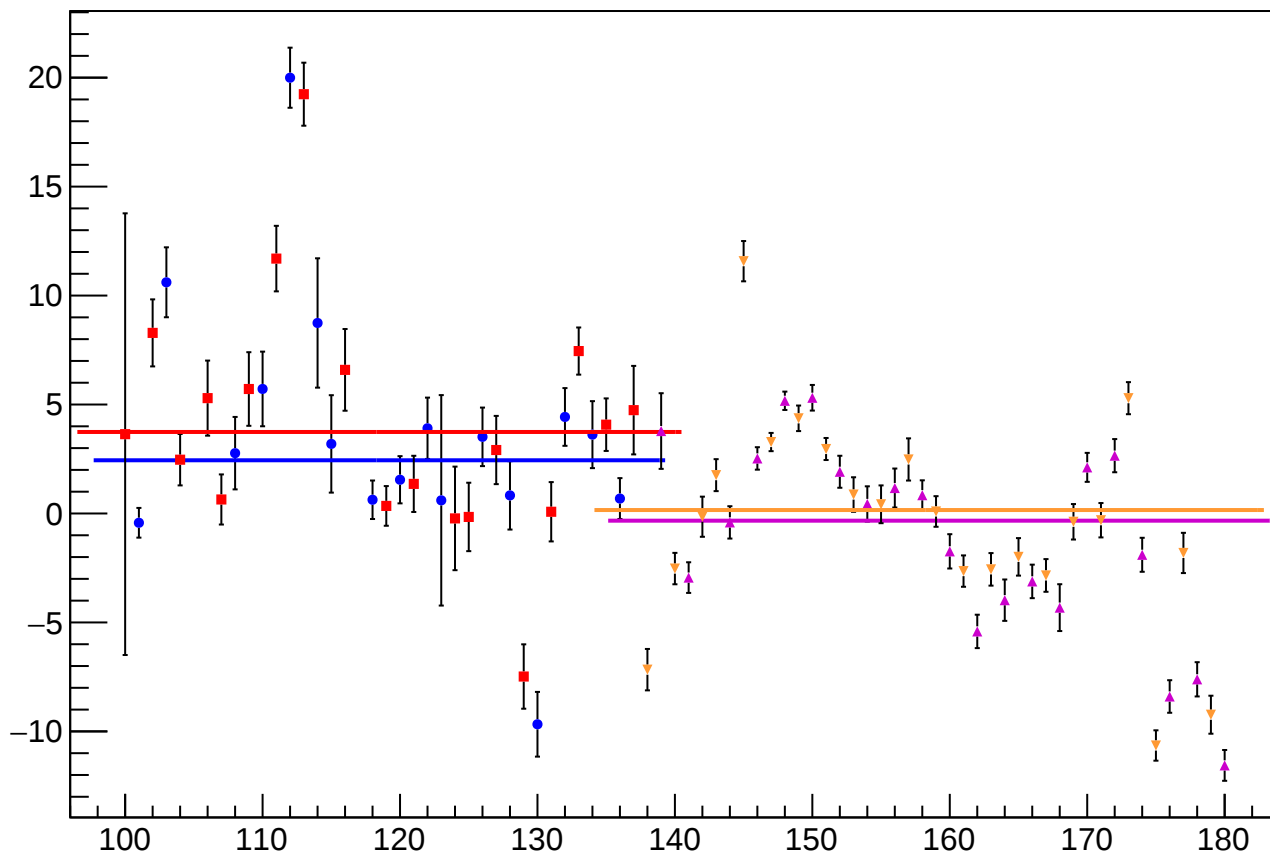
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -29.145 $\pm$ 0.213 χ^2/NDF :2438.3/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -28.041 $\pm$ 0.207 χ^2/NDF :2698.2/20

Left: -28.579 $\pm$ 0.148 χ^2/NDF : 5150.3/42
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -28.041 $\pm$ 0.207 χ^2/NDF :2698.2/20
 Out: -29.145 $\pm$ 0.213 χ^2/NDF :2438.3/21

All: -28.579 $\pm$ 0.148 χ^2/NDF : 5150.3/42

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: 0.158 $\pm$ 0.154 χ^2 /NDF:836.4/21

Right Out: 3.740 $\pm$ 0.326 χ^2 /NDF: 268.1/18

Left In: -0.330 $\pm$ 0.156 χ^2 /NDF:905.5/20

Left: -0.084 $\pm$ 0.109 χ^2 /NDF: 1746.9/42

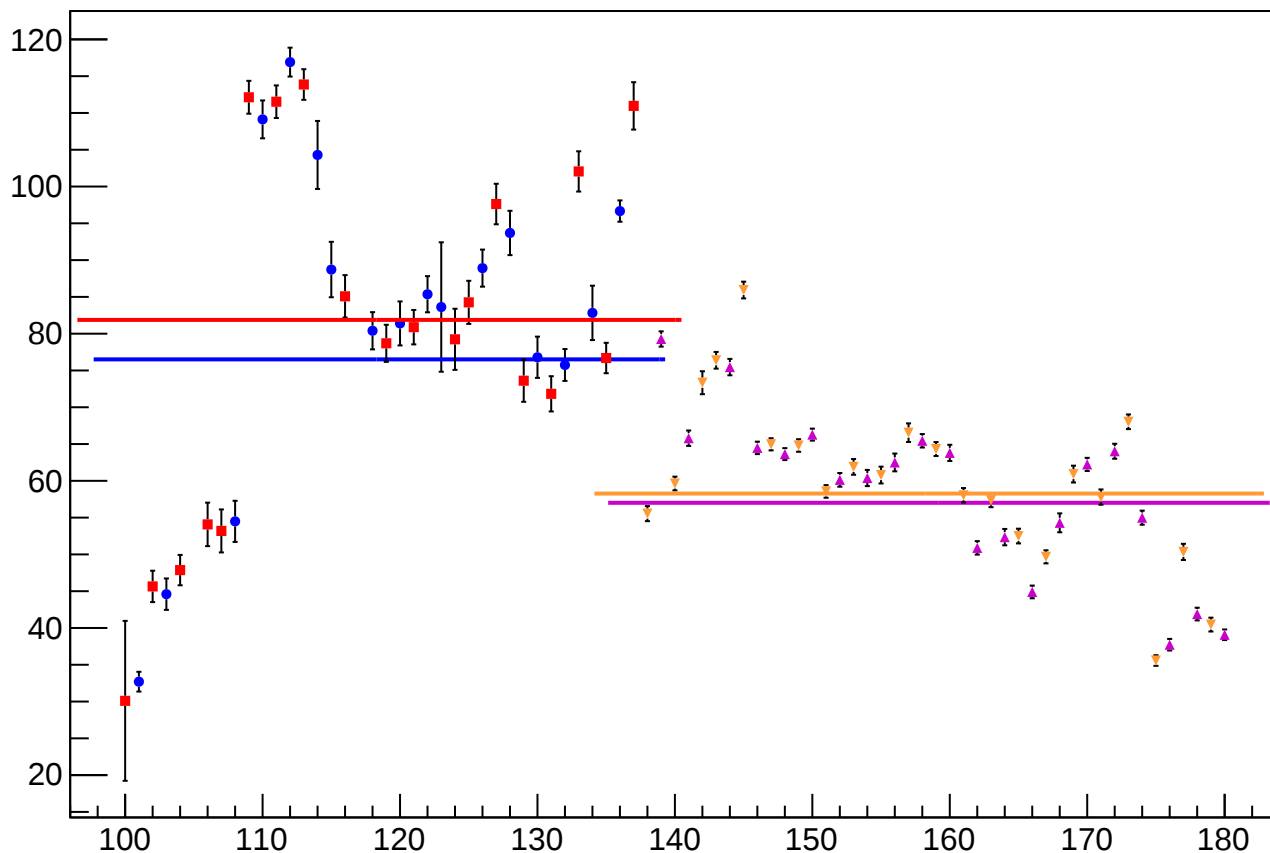
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/35

In: 0.224 $\pm$ 0.139 χ^2 /NDF:1263.6/37

Out: 0.810 $\pm$ 0.139 χ^2 /NDF:1203.0/40

All: 0.517 $\pm$ 0.098 χ^2 /NDF: 2475.5/78

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: 58.271+/-0.210 χ^2 /NDF:2799.2/21

Right Out: 81.875+/-0.592 χ^2 /NDF: 1570.7/18

Left In: 57.014+/-0.205 χ^2 /NDF:3110.3/20

Left: 57.625+/-0.147 χ^2 /NDF: 5927.8/42

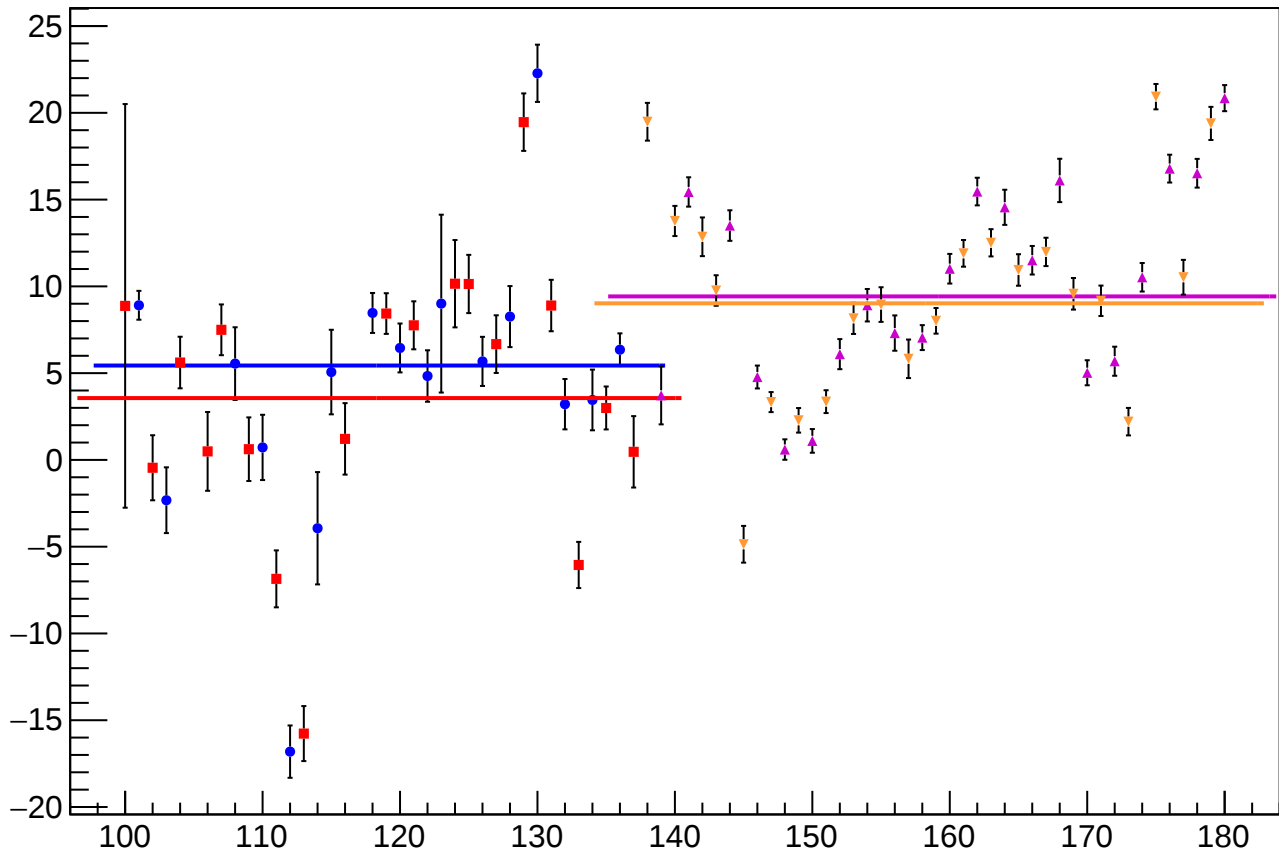
Right: 79.111+/-0.412 χ^2 /NDF: 3864.0/35

In: 59.214+/-0.193 χ^2 /NDF:6384.0/37

Out: 60.920+/-0.198 χ^2 /NDF:5782.6/40

All: 60.043+/-0.138 χ^2 /NDF: 12204.7/78

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 9.024 ± 0.178 χ^2/NDF : 1091.6/21

Right Out: 3.563 ± 0.375 χ^2/NDF : 420.8/18

Left In: 9.422 ± 0.178 χ^2/NDF : 1106.4/20

Left: 9.223 ± 0.126 χ^2/NDF : 2200.5/42

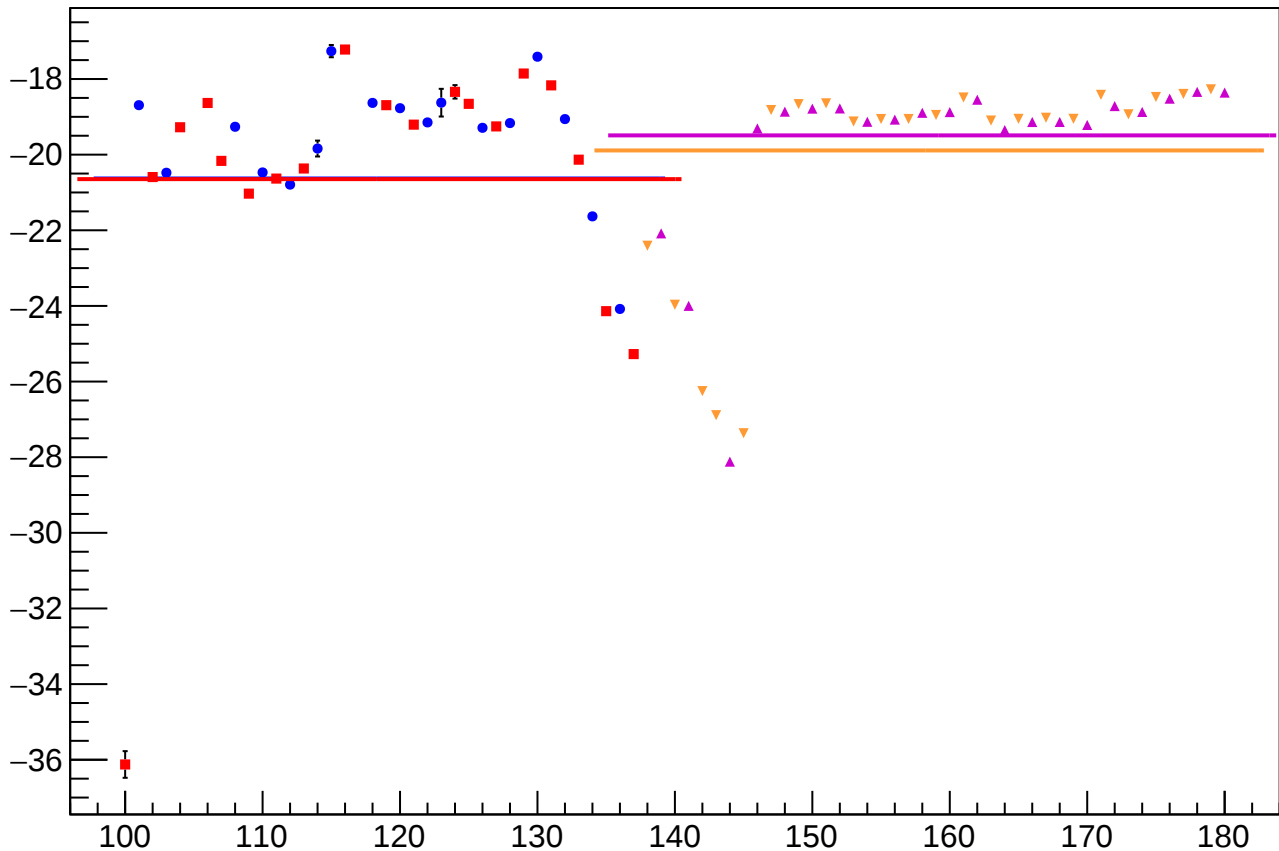
Right: 4.545 ± 0.259 χ^2/NDF : 820.1/35

In: 8.628 ± 0.160 χ^2/NDF : 1591.8/37

Out: 8.017 ± 0.161 χ^2/NDF : 1685.4/40

All: 8.325 ± 0.113 χ^2/NDF : 3284.5/78

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2 /NDF: 12501.6/16

Left Out: -19.889+/-0.008 χ^2 /NDF: 89942.4/21

Right Out: -20.647+/-0.019 χ^2 /NDF: 13908.9/18

Left In: -19.491+/-0.008 χ^2 /NDF: 53689.8/20

Left: -19.686+/-0.006 χ^2 /NDF: 144764.6/42

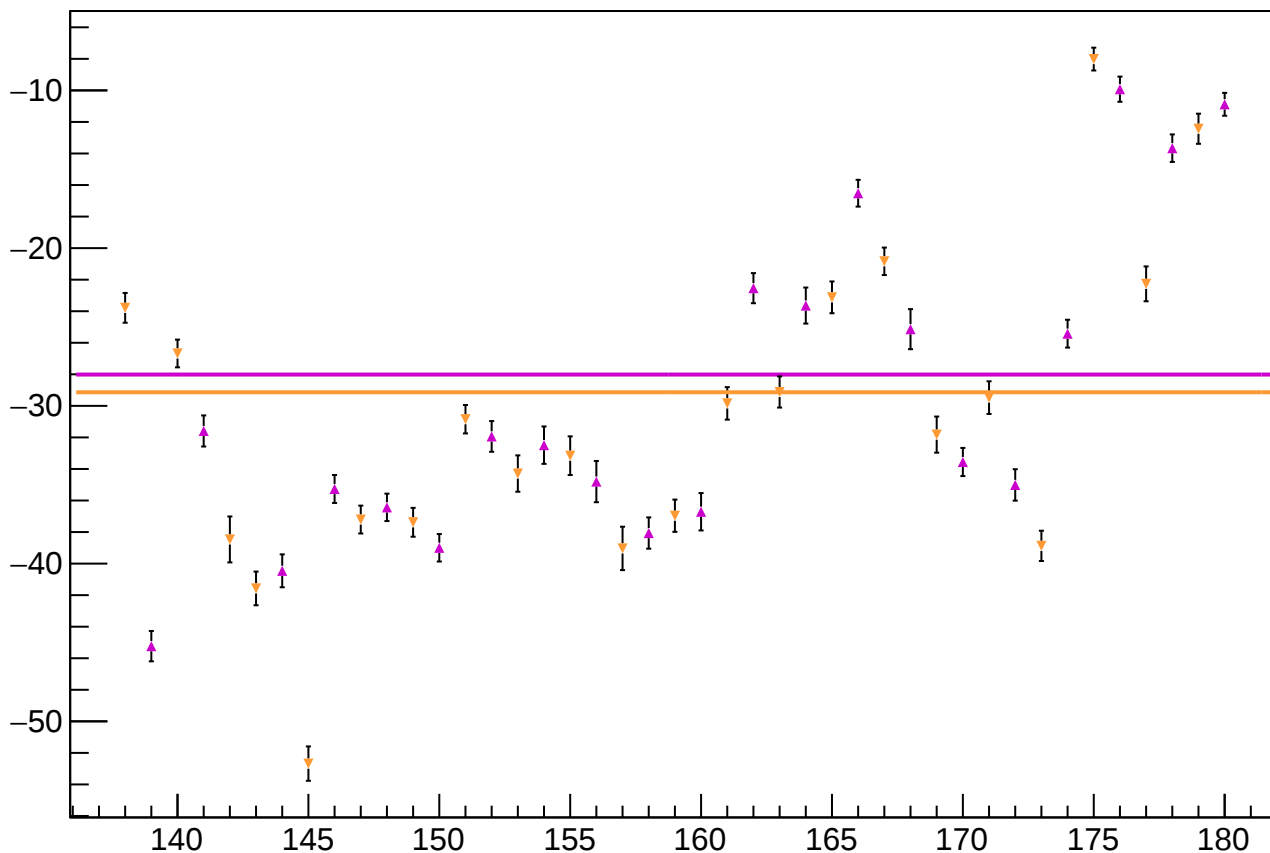
Right: -20.639+/-0.014 χ^2 /NDF: 26410.8/35

In: -19.668+/-0.008 χ^2 /NDF: 69143.5/37

Out: -20.009+/-0.008 χ^2 /NDF: 105133.2/40

All: -19.836+/-0.005 χ^2 /NDF: 175265.3/78

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: -29.136+/-0.213 χ^2/NDF :2425.4/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.014+/-0.207 χ^2/NDF :2685.0/20

Left: -28.561+/-0.149 χ^2/NDF : 5124.6/42

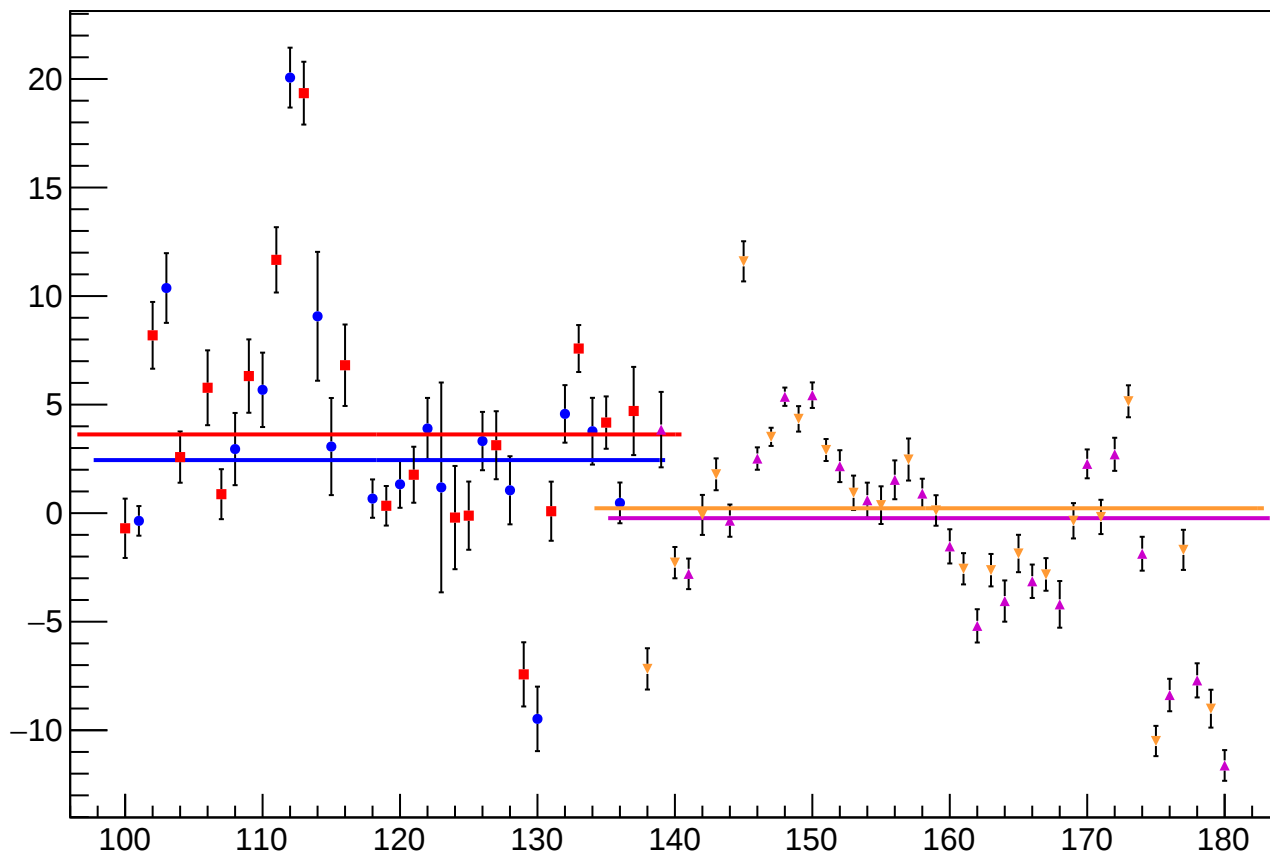
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.014+/-0.207 χ^2/NDF :2685.0/20

Out: -29.136+/-0.213 χ^2/NDF :2425.4/21

All: -28.561+/-0.149 χ^2/NDF : 5124.6/42

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 0.225 $\pm$ 0.154 χ^2 /NDF:824.2/21

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: -0.231 $\pm$ 0.156 χ^2 /NDF:925.0/20

Left: -0.001 $\pm$ 0.110 χ^2 /NDF: 1753.5/42

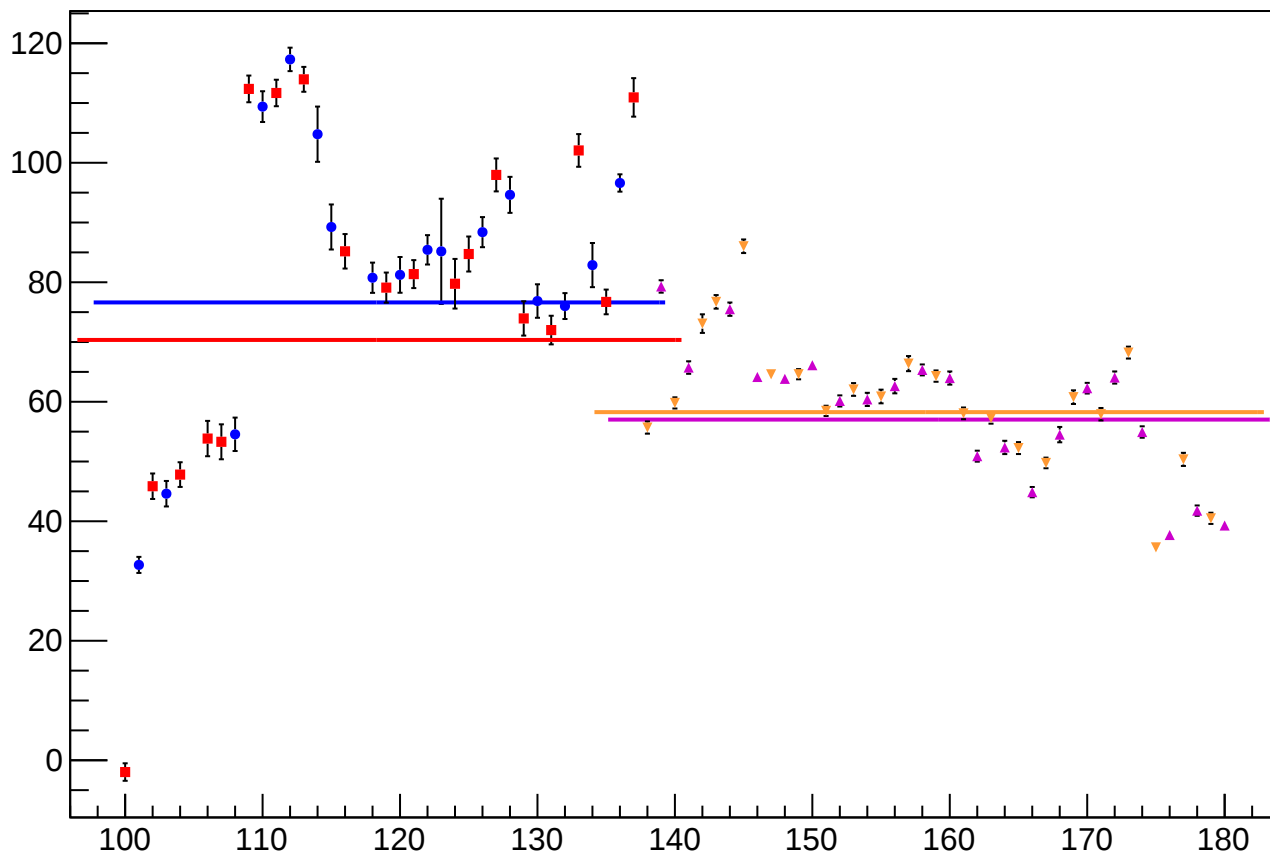
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 0.304 $\pm$ 0.139 χ^2 /NDF:1276.7/37

Out: 0.872 $\pm$ 0.139 χ^2 /NDF:1195.8/40

All: 0.589 $\pm$ 0.098 χ^2 /NDF: 2480.8/78

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: 58.266 $\pm$ 0.211 χ^2 /NDF: 2794.4/21

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 57.016 $\pm$ 0.205 χ^2 /NDF: 3093.2/20

Left: 57.624 $\pm$ 0.147 χ^2 /NDF: 5905.7/42

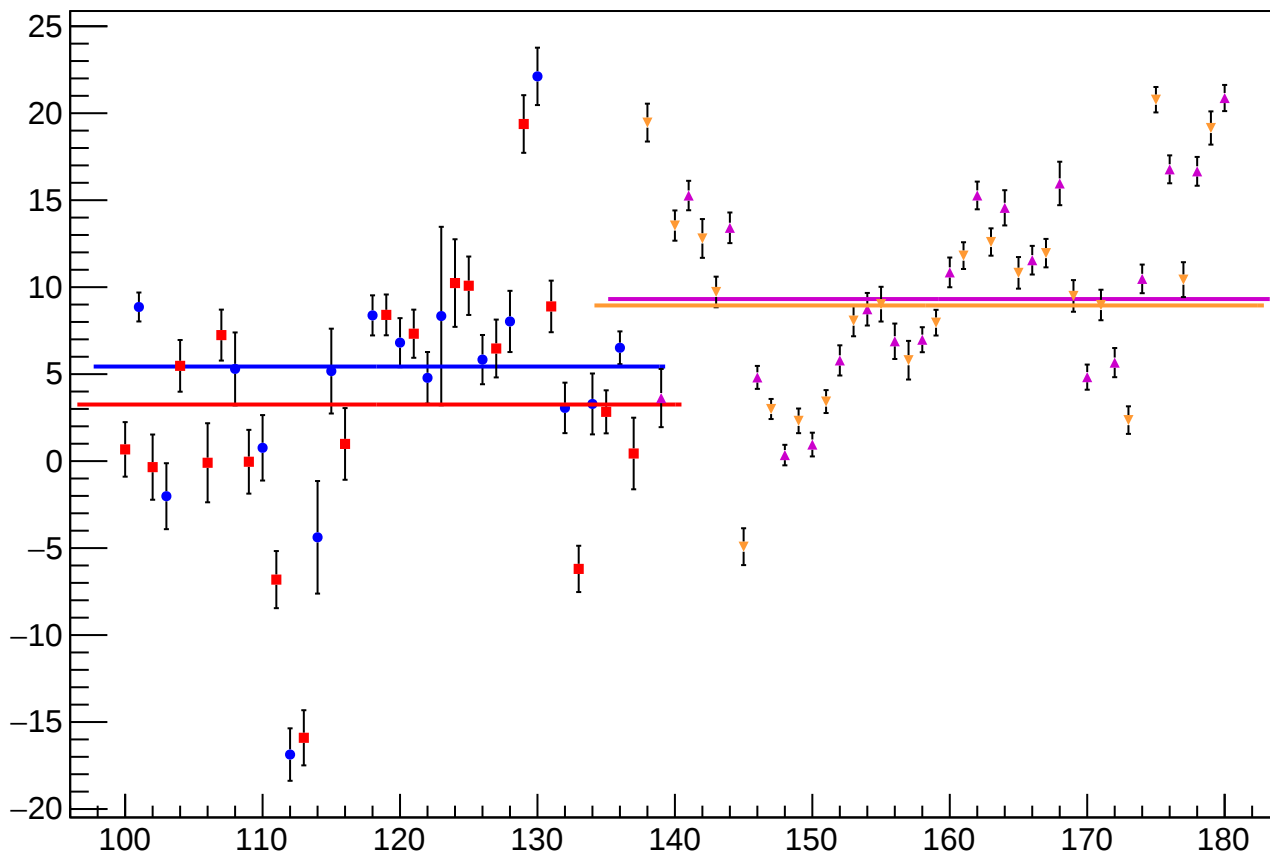
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 59.230 $\pm$ 0.193 χ^2 /NDF: 6389.8/37

Out: 59.812 $\pm$ 0.197 χ^2 /NDF: 7603.8/40

All: 59.515 $\pm$ 0.138 χ^2 /NDF: 13998.1/78

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: 8.949 ± 0.178 χ^2/NDF : 1081.2/21

Right Out: 3.253 ± 0.365 χ^2/NDF : 423.7/18

Left In: 9.317 ± 0.179 χ^2/NDF : 1126.1/20

Left: 9.133 ± 0.126 χ^2/NDF : 2209.5/42

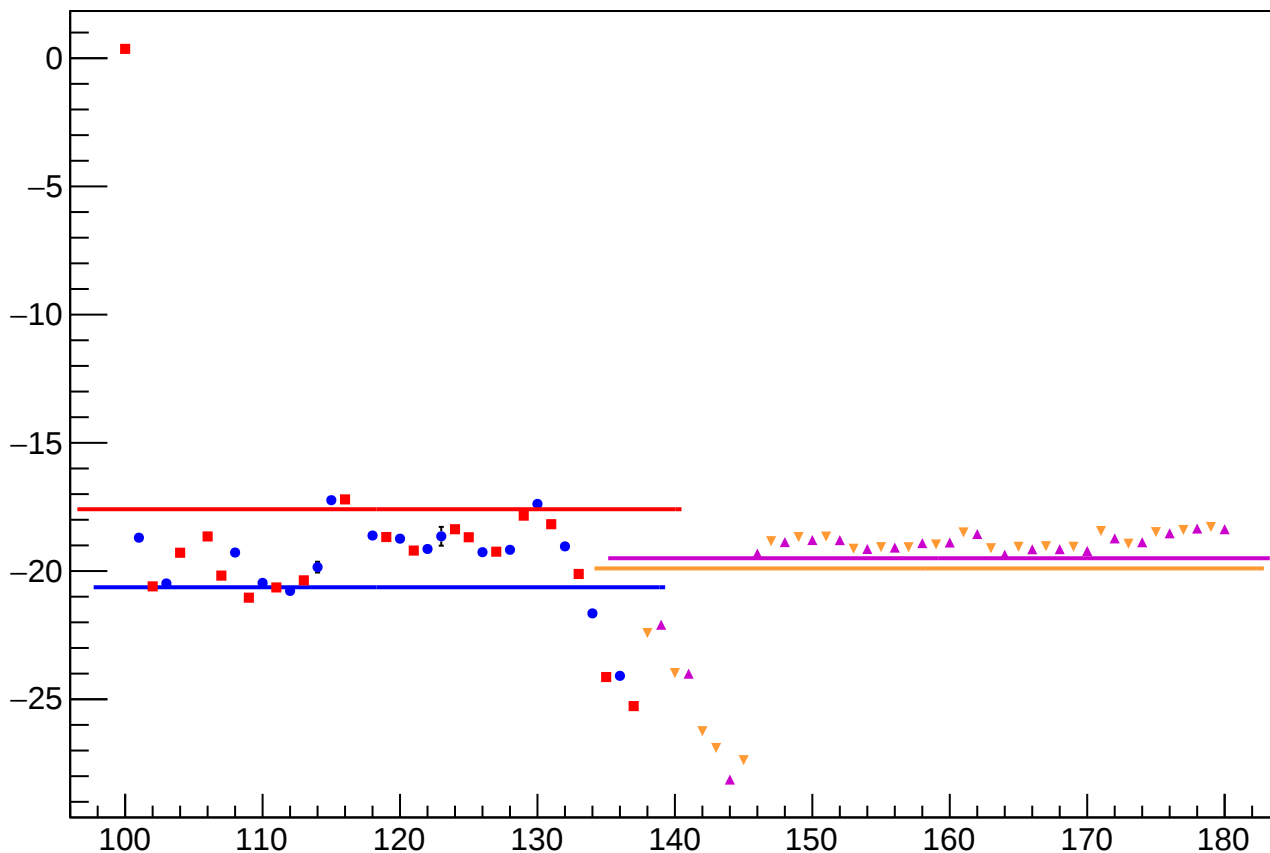
Right: 4.367 ± 0.256 χ^2/NDF : 826.5/35

In: 8.544 ± 0.160 χ^2/NDF : 1604.7/37

Out: 7.851 ± 0.160 χ^2/NDF : 1701.4/40

All: 8.198 ± 0.113 χ^2/NDF : 3315.5/78

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: -19.898 ± 0.008 $\chi^2/\text{NDF}: 89813.2/21$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -19.500 ± 0.008 $\chi^2/\text{NDF}: 53645.2/20$

Left: -19.695 ± 0.006 $\chi^2/\text{NDF}: 144585.8/42$

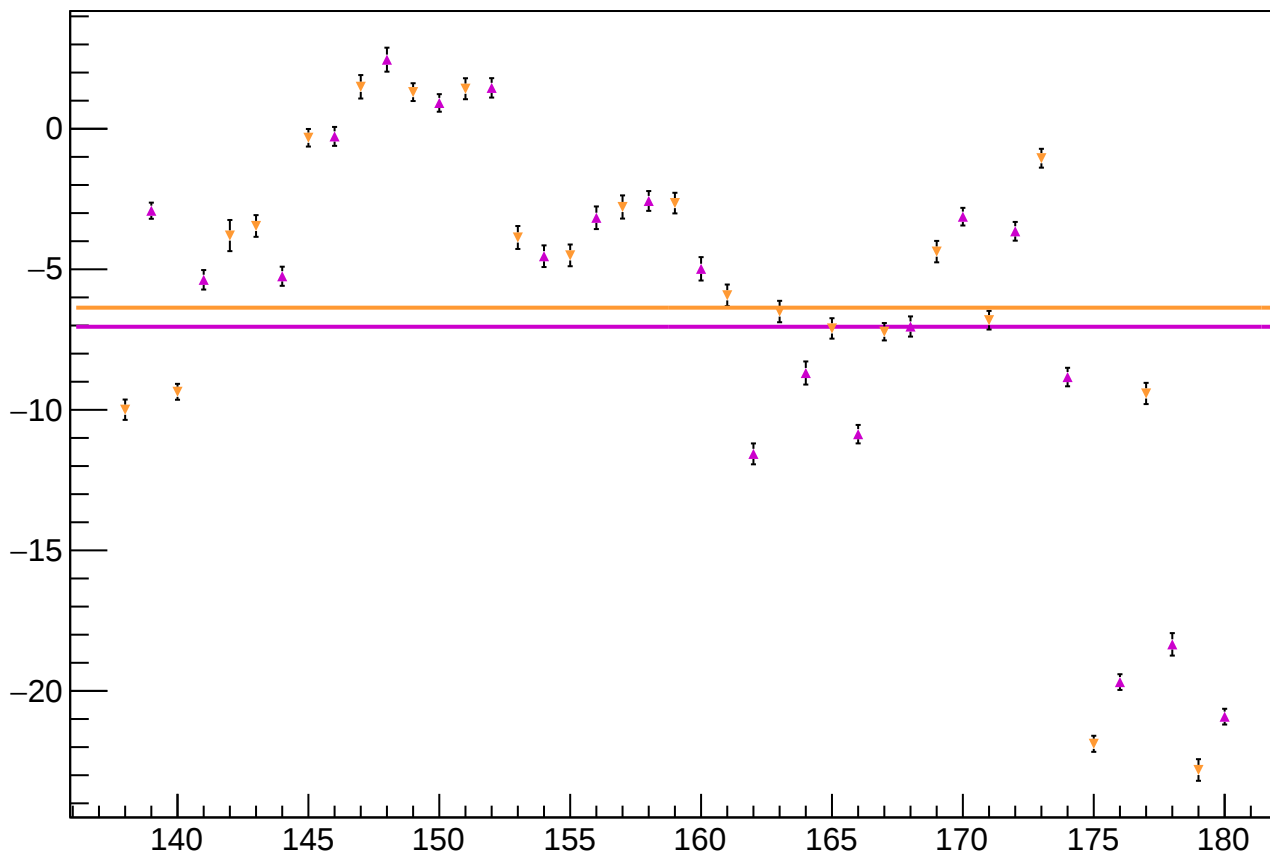
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -19.676 ± 0.008 $\chi^2/\text{NDF}: 69092.5/37$

Out: -19.481 ± 0.008 $\chi^2/\text{NDF}: 281945.9/40$

All: -19.579 ± 0.005 $\chi^2/\text{NDF}: 351365.7/78$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



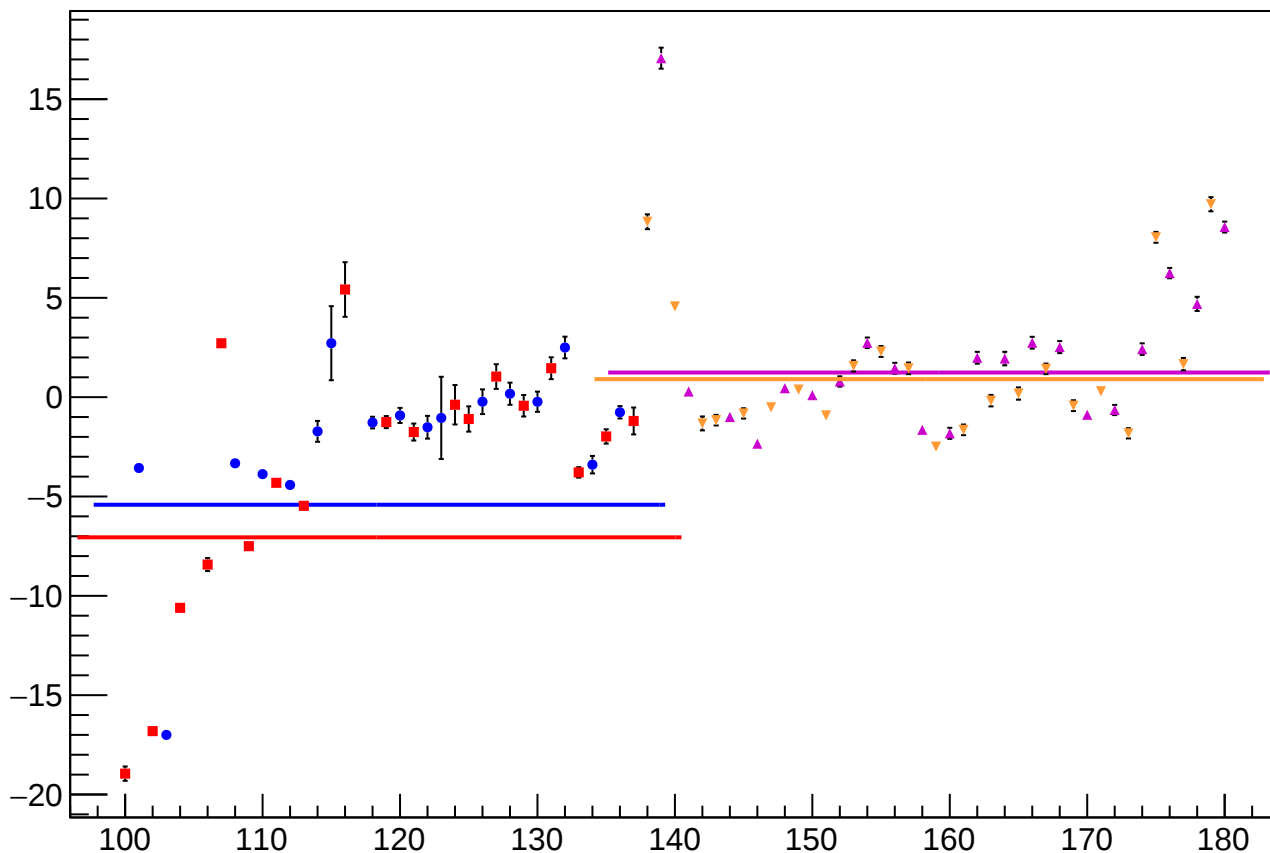
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.365 $\pm$ 0.076 χ^2 /NDF:7415.2/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.044 $\pm$ 0.075 χ^2 /NDF:8615.4/20

Left: -6.711 $\pm$ 0.053 χ^2 /NDF: 16071.0/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -7.044 $\pm$ 0.075 χ^2 /NDF:8615.4/20
 Out: -6.365 $\pm$ 0.076 χ^2 /NDF:7415.2/21

All: -6.711 $\pm$ 0.053 χ^2 /NDF: 16071.0/42

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.907 ± 0.057 χ^2/NDF : 2721.9/21

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 1.241 ± 0.058 χ^2/NDF : 2997.6/20

Left: 1.071 ± 0.041 χ^2/NDF : 5736.4/42

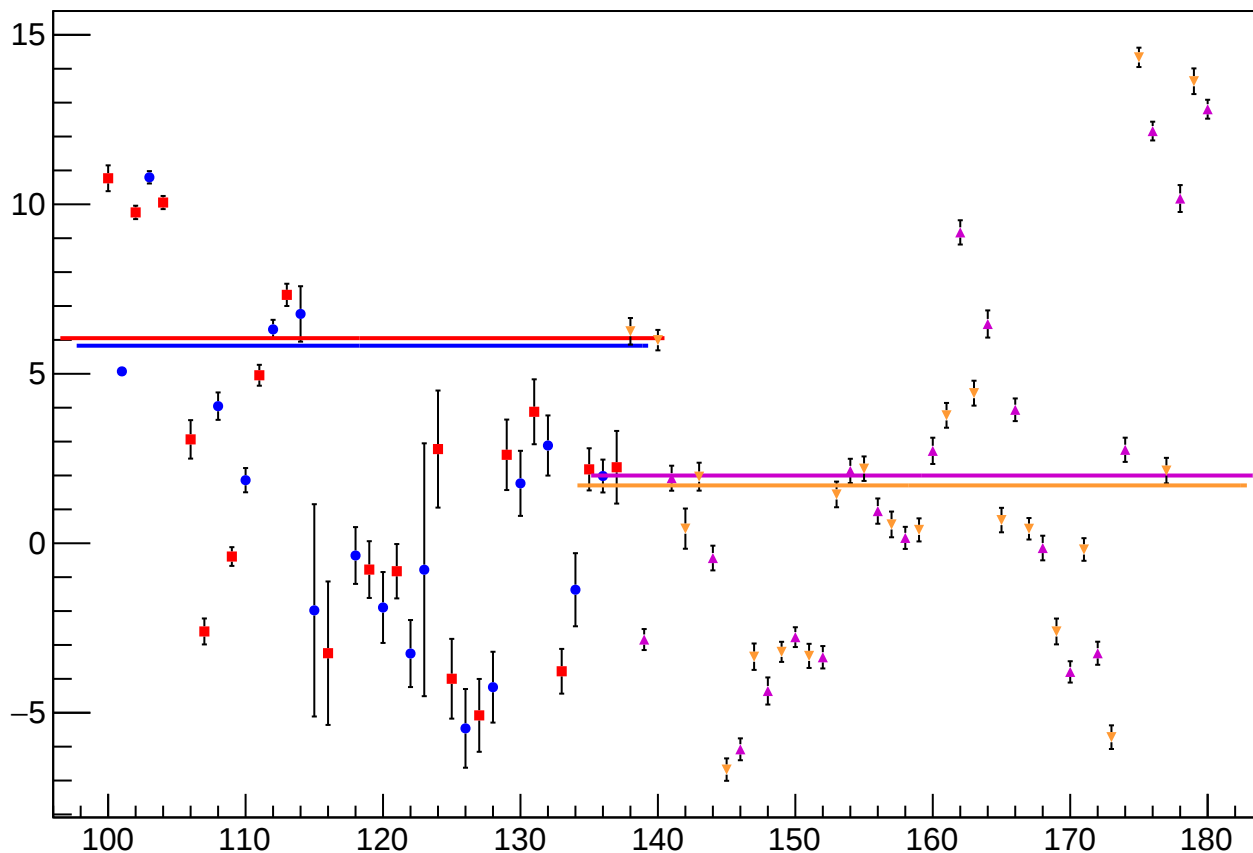
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -2.272 ± 0.040 χ^2/NDF : 19229.6/37

Out: -2.921 ± 0.041 χ^2/NDF : 24510.4/40

All: -2.587 ± 0.029 χ^2/NDF : 43869.3/78

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 1.707 ± 0.076 χ^2/NDF : 5325.8/21

Right Out: 6.051 ± 0.093 χ^2/NDF : 2674.1/18

Left In: 1.999 ± 0.074 χ^2/NDF : 6186.3/20

Left: 1.856 ± 0.053 χ^2/NDF : 11519.7/42

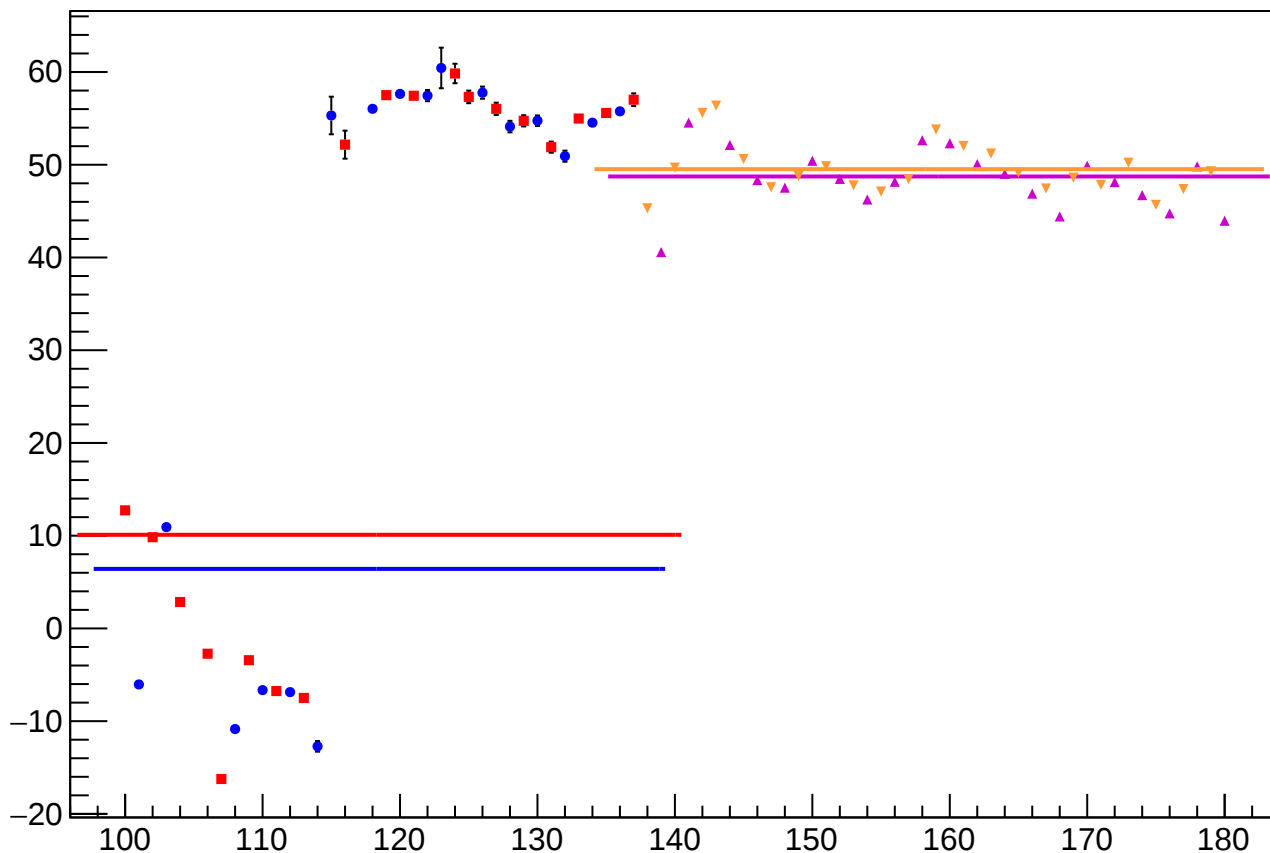
Right: 5.936 ± 0.065 χ^2/NDF : 4125.3/35

In: 3.553 ± 0.057 χ^2/NDF : 8720.1/37

Out: 3.432 ± 0.059 χ^2/NDF : 9307.0/40

All: 3.494 ± 0.041 χ^2/NDF : 18029.3/78

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: 49.524 ± 0.065 χ^2/NDF : 1625.9/21

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 48.735 ± 0.065 χ^2/NDF : 2033.8/20

Left: 49.133 ± 0.046 χ^2/NDF : 3732.8/42

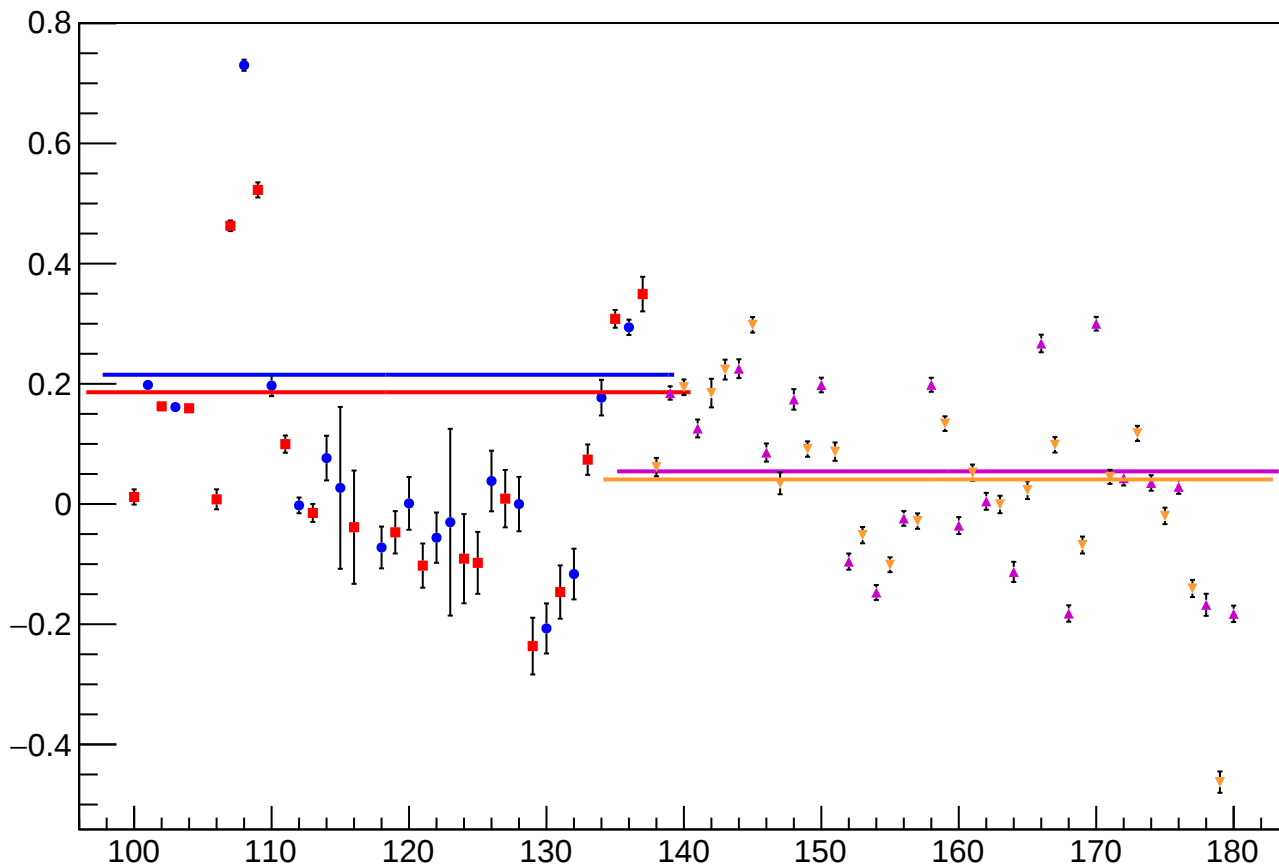
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 27.354 ± 0.046 χ^2/NDF : 336530.1/37

Out: 31.222 ± 0.047 χ^2/NDF : 295147.9/40

All: 29.227 ± 0.033 χ^2/NDF : 635099.6/78

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: 0.041 $\pm$ 0.003 χ^2 /NDF:2095.9/21

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.054 $\pm$ 0.003 χ^2 /NDF:2625.4/20

Left: 0.048 $\pm$ 0.002 χ^2 /NDF: 4731.7/42

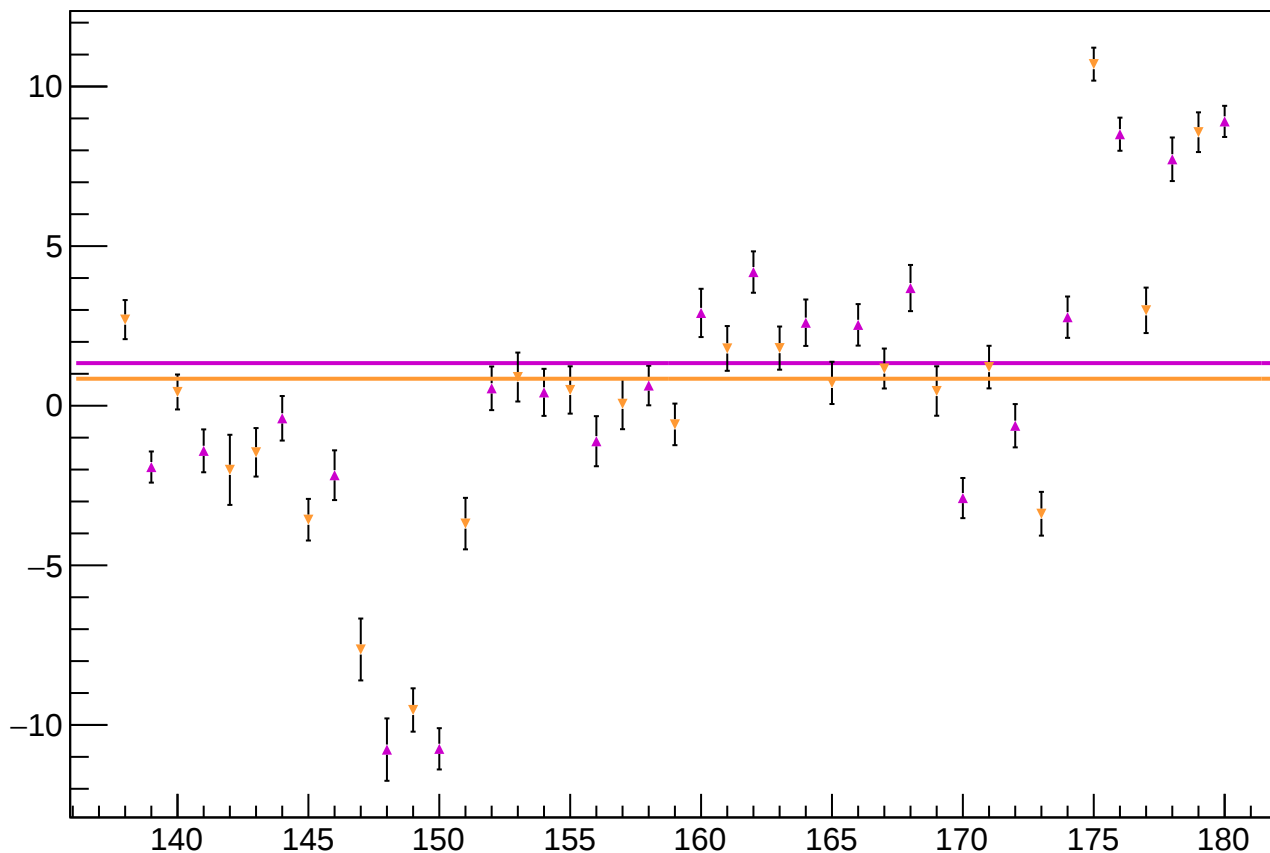
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.139 $\pm$ 0.002 χ^2 /NDF:8144.6/37

Out: 0.121 $\pm$ 0.002 χ^2 /NDF:6122.1/40

All: 0.130 $\pm$ 0.001 χ^2 /NDF: 14308.2/78

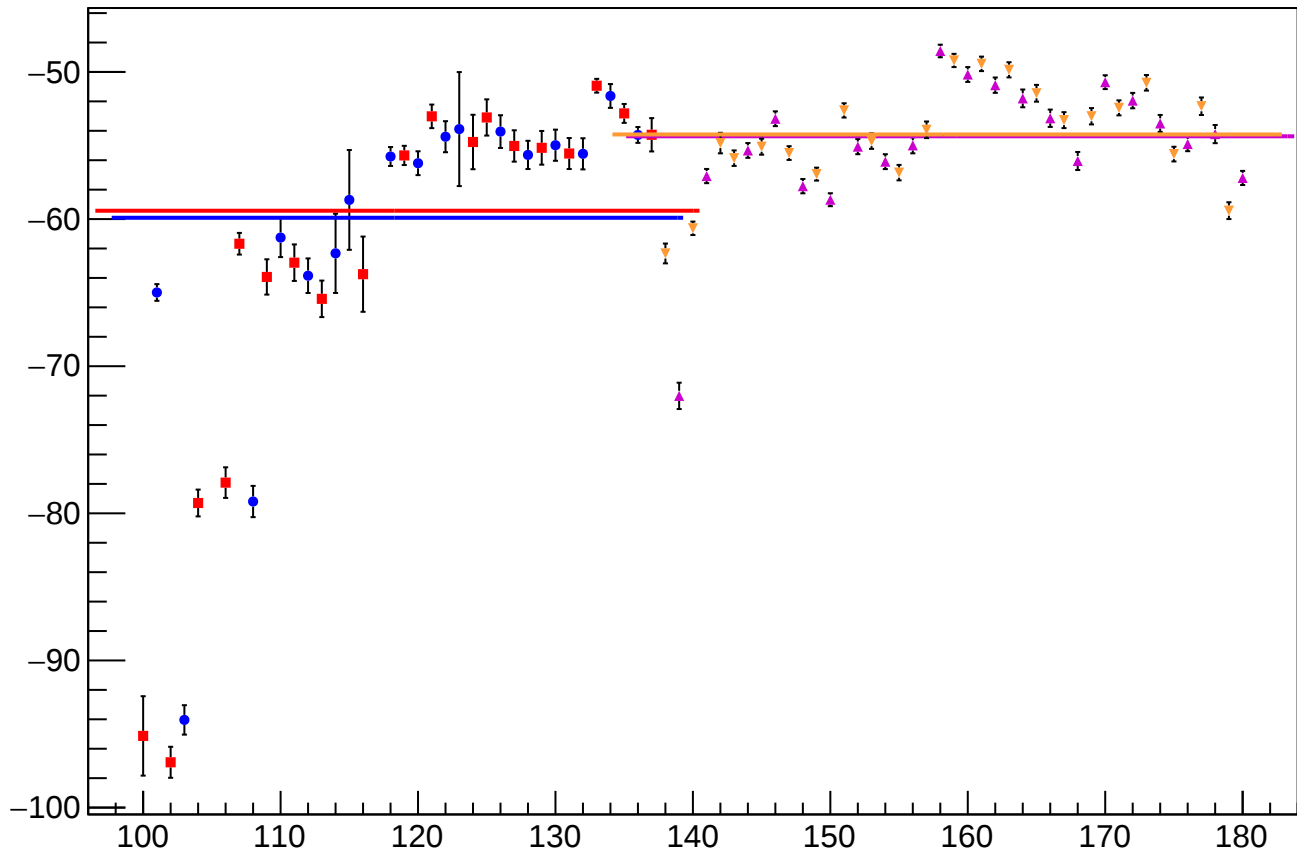
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.846 $\pm$ 0.147 χ^2/NDF :989.7/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 1.335 $\pm$ 0.143 χ^2/NDF :1222.8/20

Left: 1.097 $\pm$ 0.102 χ^2/NDF : 2218.3/42
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 1.335 $\pm$ 0.143 χ^2/NDF :1222.8/20
 Out: 0.846 $\pm$ 0.147 χ^2/NDF :989.7/21
 All: 1.097 $\pm$ 0.102 χ^2/NDF : 2218.3/42

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: -54.248 ± 0.112 χ^2/NDF : 914.3/21

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.373 ± 0.114 χ^2/NDF : 1035.8/20

Left: -54.310 ± 0.080 χ^2/NDF : 1950.7/42

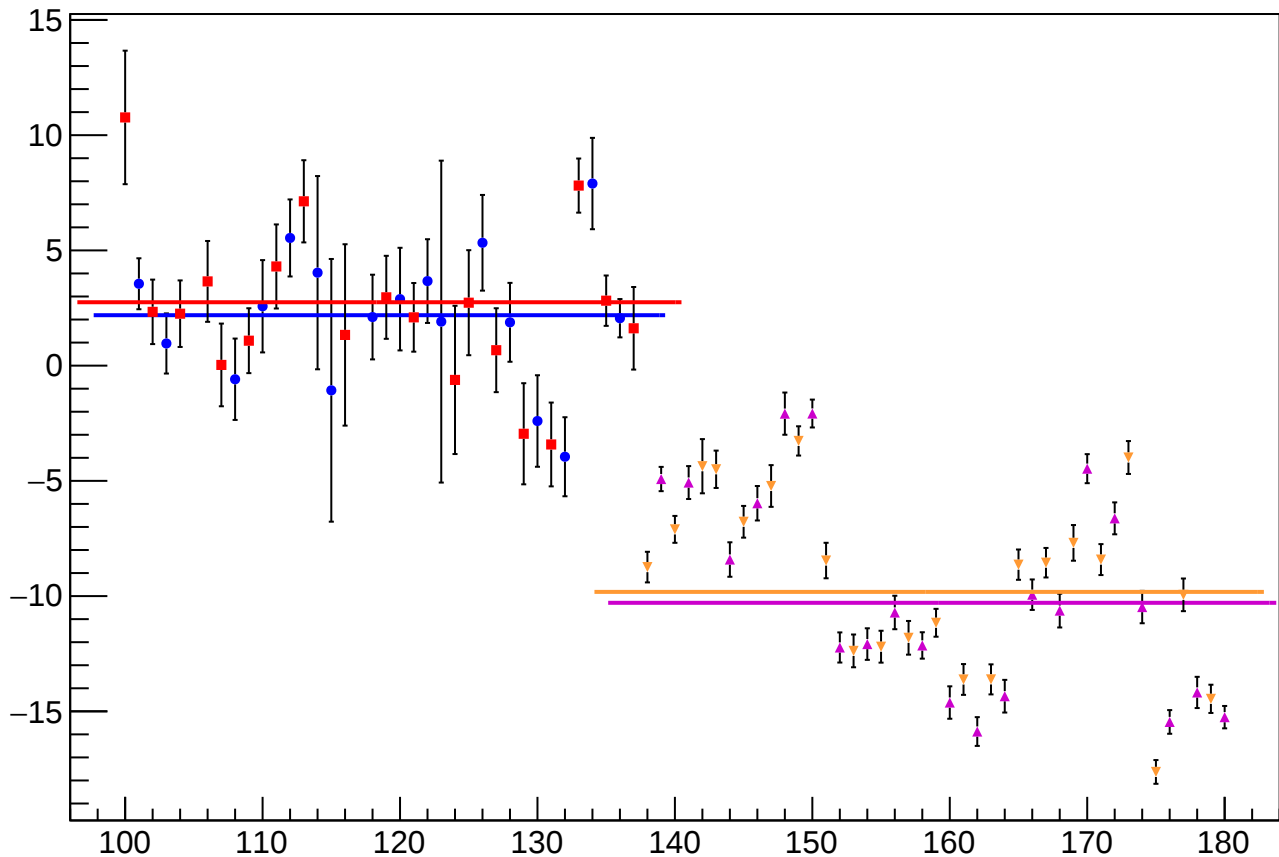
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -55.511 ± 0.101 χ^2/NDF : 3505.7/37

Out: -55.377 ± 0.099 χ^2/NDF : 4302.4/40

All: -55.442 ± 0.071 χ^2/NDF : 7809.0/78

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -9.817 ± 0.145 $\chi^2/\text{NDF}: 720.2/21$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -10.291 ± 0.141 $\chi^2/\text{NDF}: 991.3/20$

Left: -10.061 ± 0.101 $\chi^2/\text{NDF}: 1716.9/42$

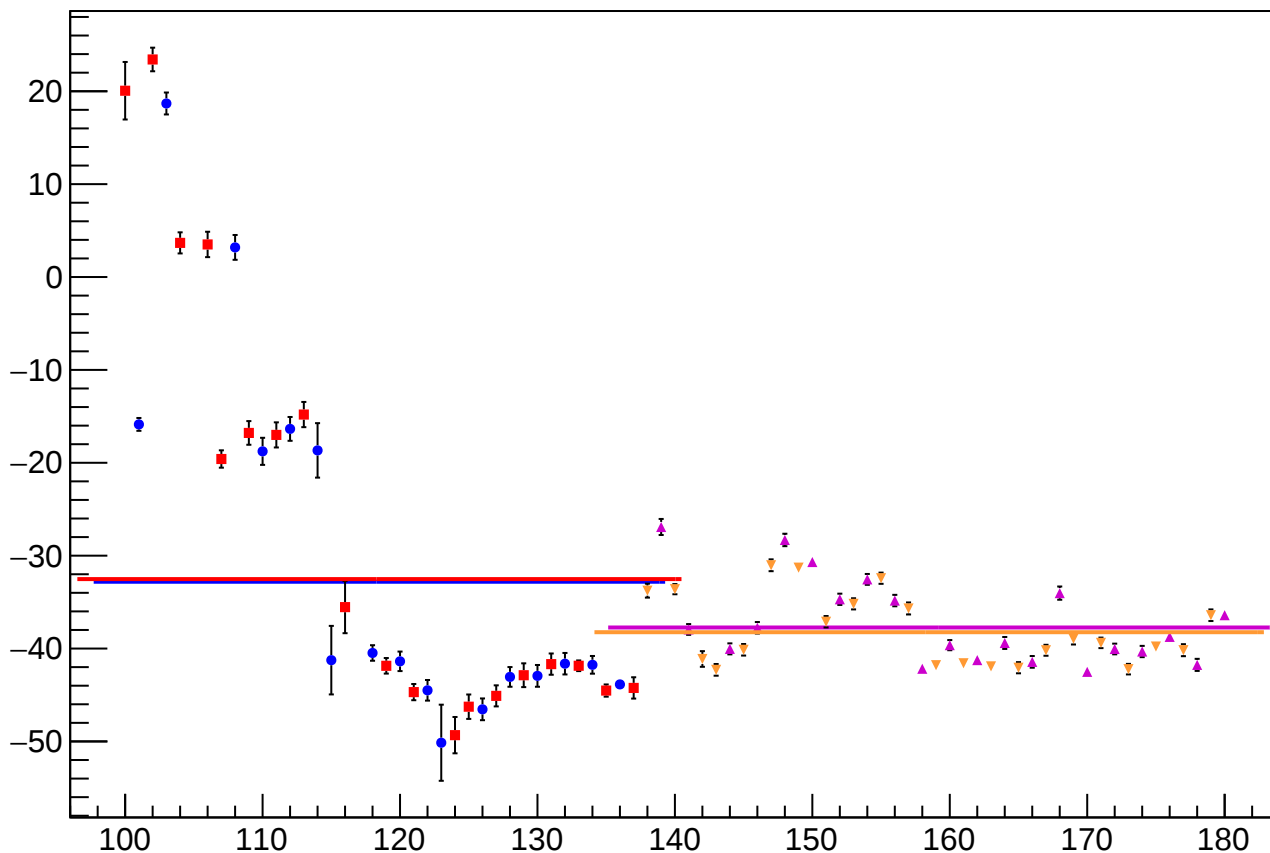
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -8.933 ± 0.133 $\chi^2/\text{NDF}: 1878.5/37$

Out: -8.263 ± 0.136 $\chi^2/\text{NDF}: 1701.3/40$

All: -8.605 ± 0.095 $\chi^2/\text{NDF}: 3592.2/78$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -38.241 ± 0.126 χ^2/NDF : 881.7/21

Right Out: -32.522 ± 0.244 χ^2/NDF : 6040.2/18

Left In: -37.733 ± 0.127 χ^2/NDF : 1077.5/20

Left: -37.988 ± 0.089 χ^2/NDF : 1967.2/42

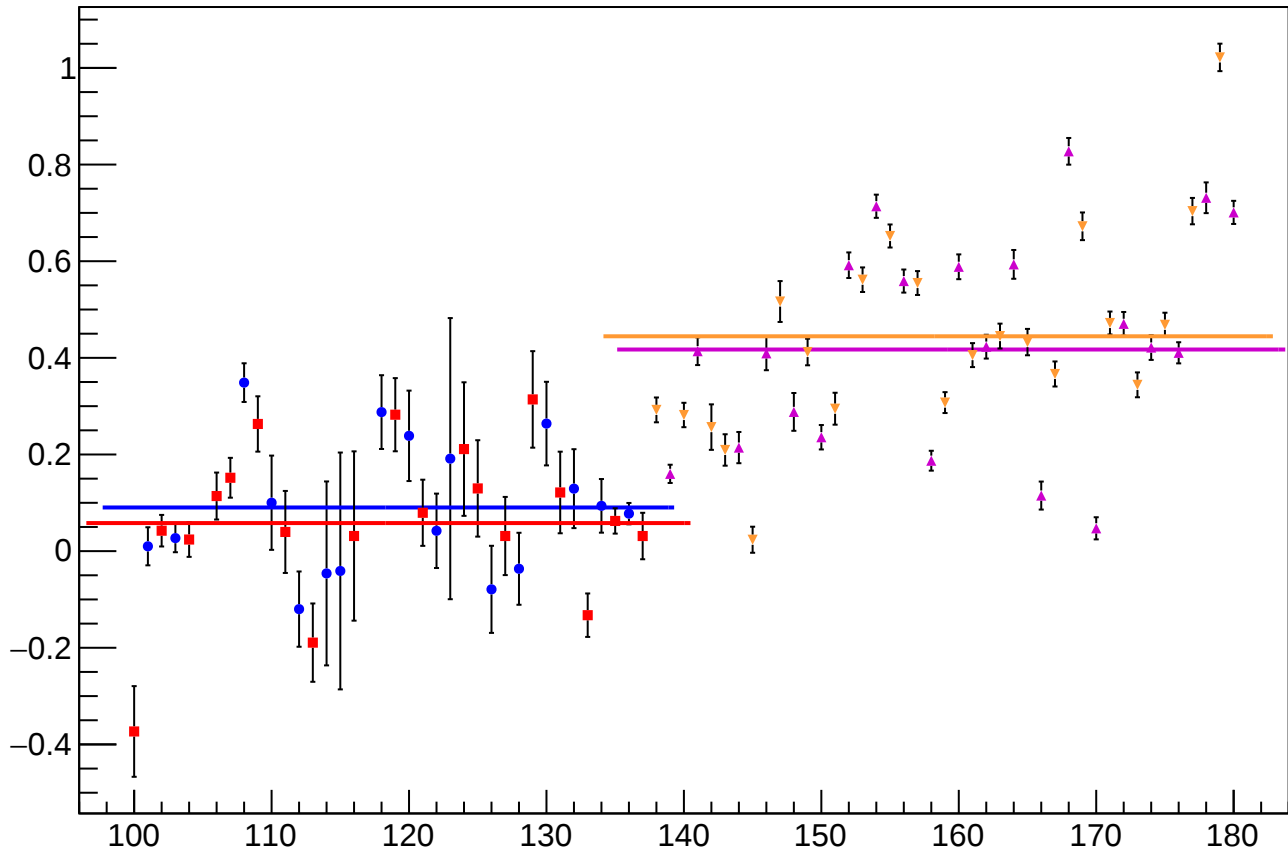
Right: -32.658 ± 0.176 χ^2/NDF : 10703.7/35

In: -36.752 ± 0.114 χ^2/NDF : 6040.9/37

Out: -37.030 ± 0.112 χ^2/NDF : 7356.2/40

All: -36.892 ± 0.080 χ^2/NDF : 13400.1/78

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.445 $\pm$ 0.006 χ^2 /NDF:1165.6/21

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.417 $\pm$ 0.006 χ^2 /NDF:1557.1/20

Left: 0.431 $\pm$ 0.004 χ^2 /NDF: 2734.4/42

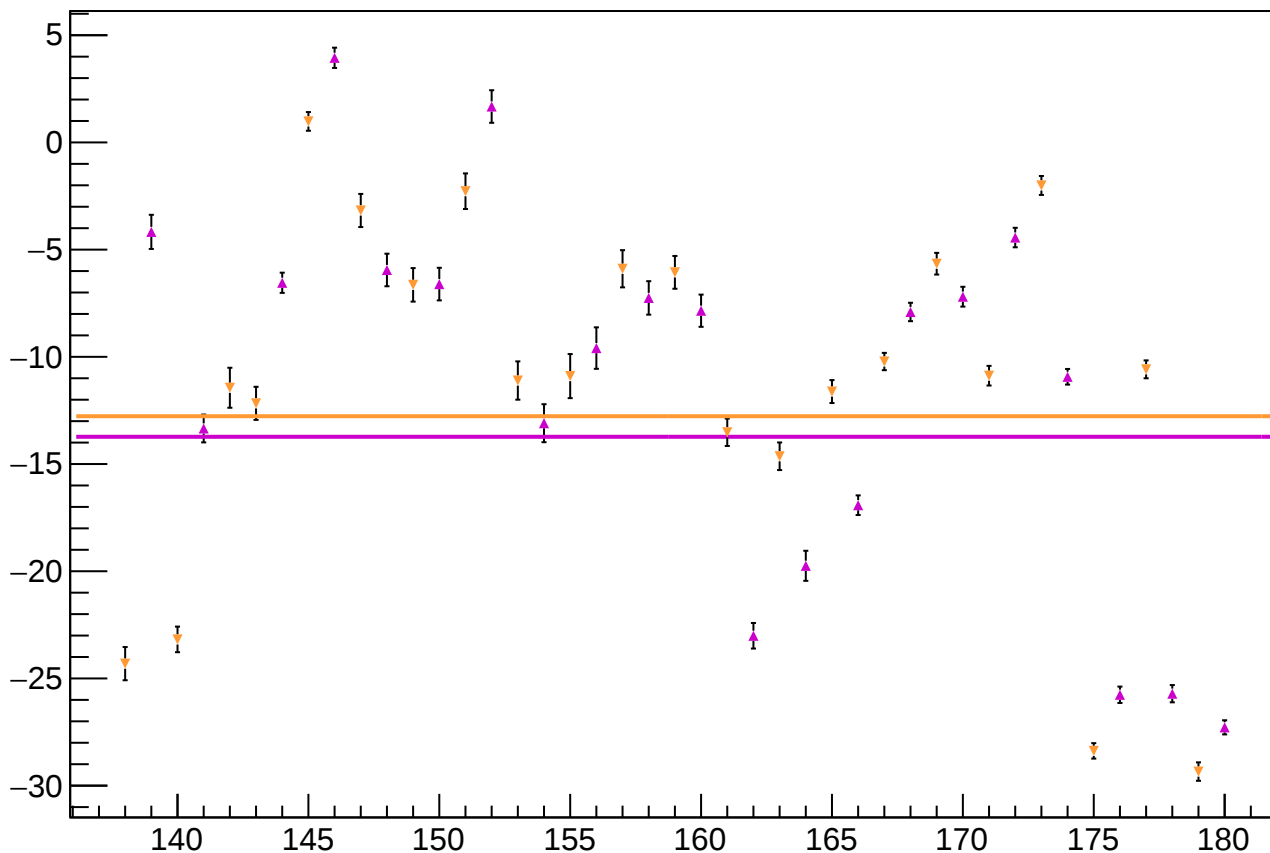
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.364 $\pm$ 0.005 χ^2 /NDF:2189.7/37

Out: 0.374 $\pm$ 0.005 χ^2 /NDF:2081.6/40

All: 0.369 $\pm$ 0.004 χ^2 /NDF: 4273.1/78

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: -12.770+/-0.120 χ^2/NDF :6298.6/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.729+/-0.113 χ^2/NDF :7315.3/20

Left: -13.277+/-0.082 χ^2/NDF : 13647.8/42

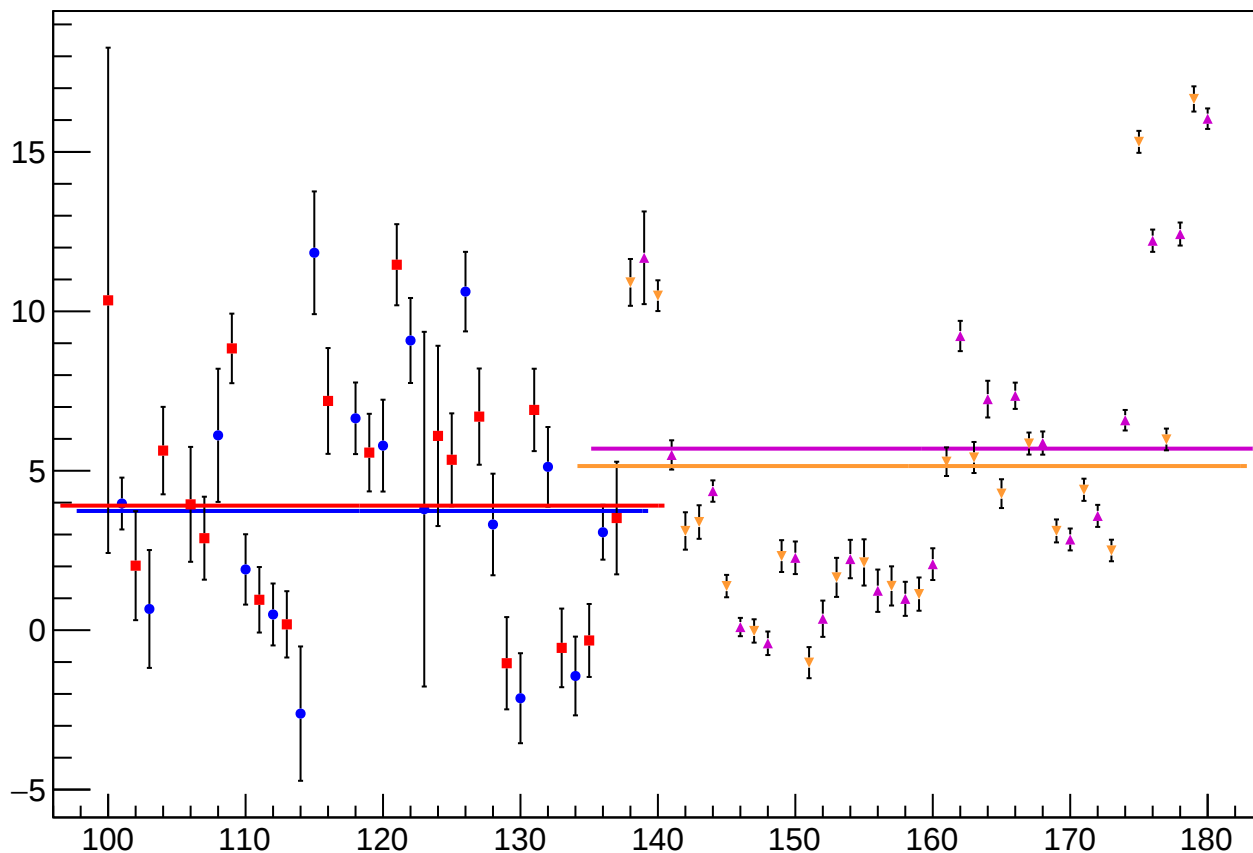
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.729+/-0.113 χ^2/NDF :7315.3/20

Out: -12.770+/-0.120 χ^2/NDF :6298.6/21

All: -13.277+/-0.082 χ^2/NDF : 13647.8/42

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: 5.148 ± 0.092 $\chi^2/\text{NDF}: 2691.1/21$

Right Out: 3.906 ± 0.316 $\chi^2/\text{NDF}: 135.5/18$

Left In: 5.694 ± 0.089 $\chi^2/\text{NDF}: 2949.4/20$

Left: 5.430 ± 0.064 $\chi^2/\text{NDF}: 5658.7/42$

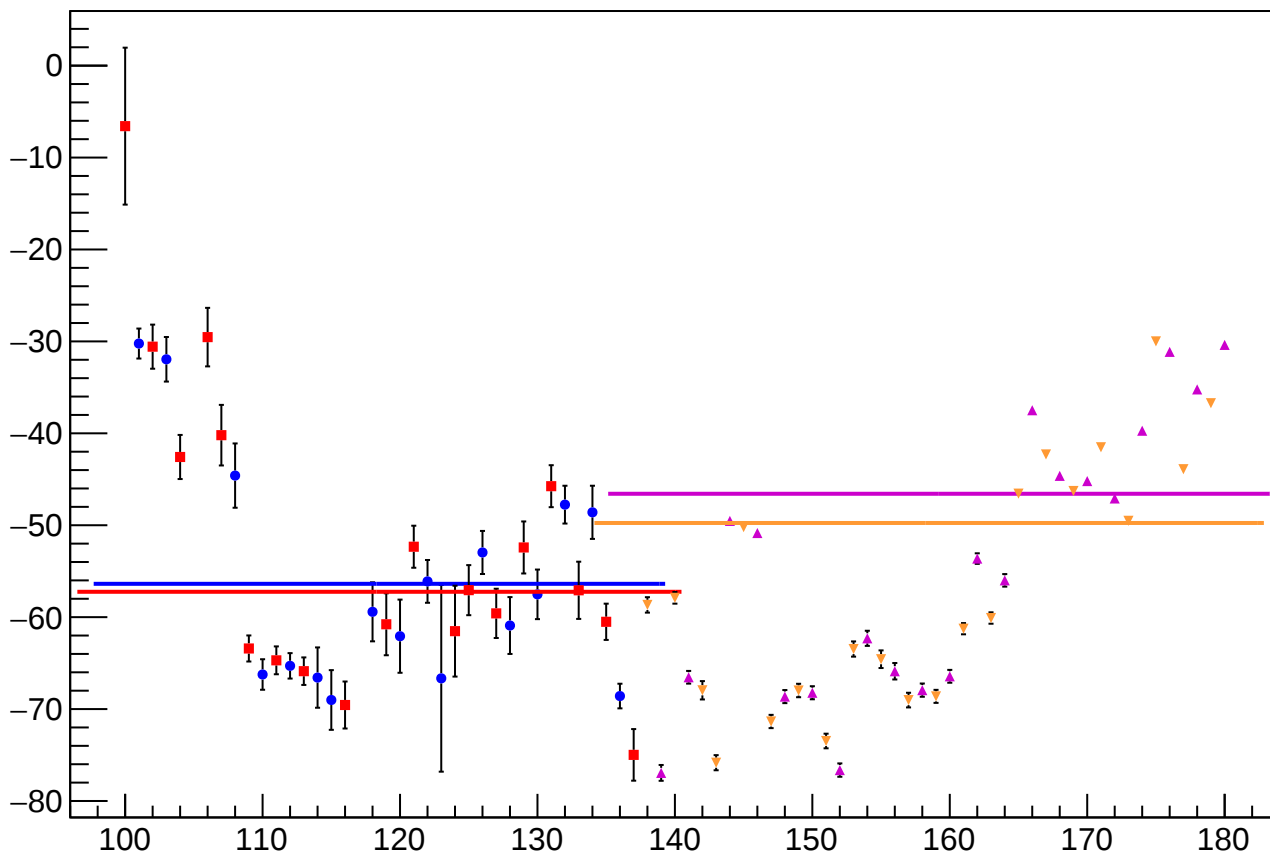
Right: 3.821 ± 0.221 $\chi^2/\text{NDF}: 272.5/35$

In: 5.544 ± 0.086 $\chi^2/\text{NDF}: 3123.2/37$

Out: 5.051 ± 0.088 $\chi^2/\text{NDF}: 2840.8/40$

All: 5.305 ± 0.061 $\chi^2/\text{NDF}: 5980.1/78$

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: -49.754 ± 0.120 $\chi^2/\text{NDF}: 11316.5/21$
 Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$
 Left In: -46.576 ± 0.113 $\chi^2/\text{NDF}: 14273.0/20$

Left: -48.074 ± 0.082 $\chi^2/\text{NDF}: 25960.6/42$

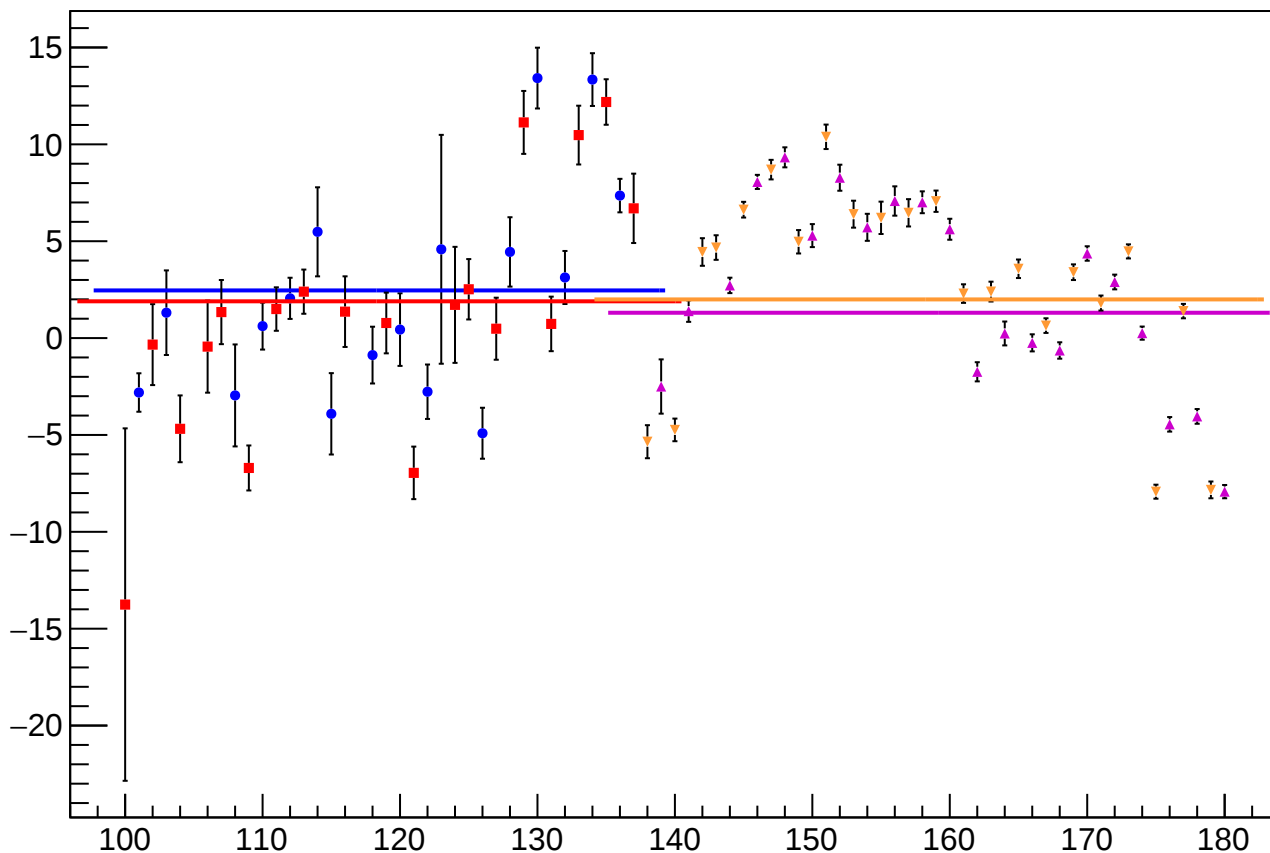
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -46.984 ± 0.111 $\chi^2/\text{NDF}: 15172.6/37$

Out: -50.111 ± 0.117 $\chi^2/\text{NDF}: 11978.6/40$

All: -48.463 ± 0.080 $\chi^2/\text{NDF}: 27527.4/78$

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: 1.996 $\pm$ 0.104 χ^2 /NDF:2288.0/21

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 1.307 $\pm$ 0.100 χ^2 /NDF:2346.9/20

Left: 1.640 $\pm$ 0.072 χ^2 /NDF: 4657.6/42

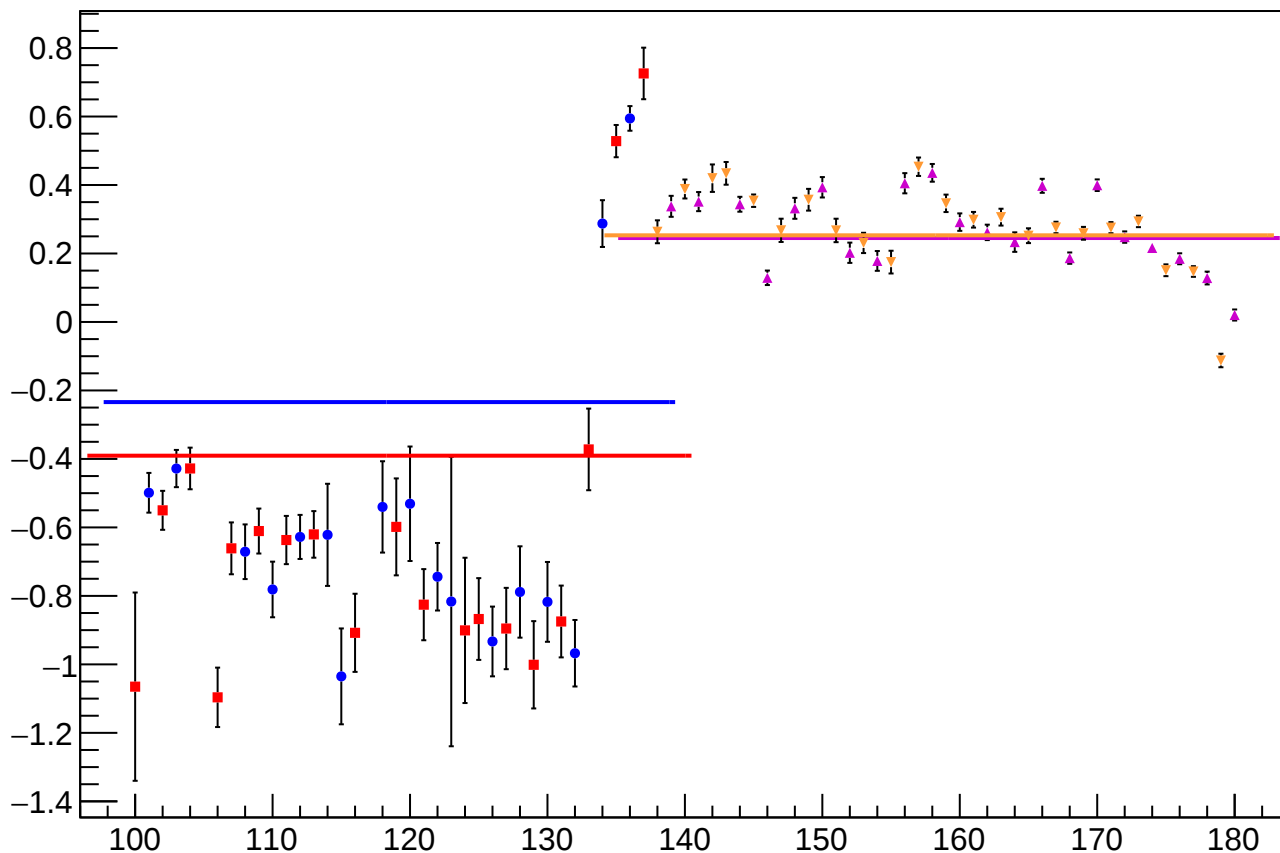
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 1.397 $\pm$ 0.096 χ^2 /NDF:2601.1/37

Out: 1.988 $\pm$ 0.100 χ^2 /NDF:2556.1/40

All: 1.682 $\pm$ 0.069 χ^2 /NDF: 5175.4/78

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: 0.253 $\pm$ 0.005 χ^2 /NDF:629.4/21

Right Out: -0.391 $\pm$ 0.019 χ^2 /NDF: 852.7/18

Left In: 0.245 $\pm$ 0.005 χ^2 /NDF:604.4/20

Left: 0.249 $\pm$ 0.003 χ^2 /NDF: 1235.2/42

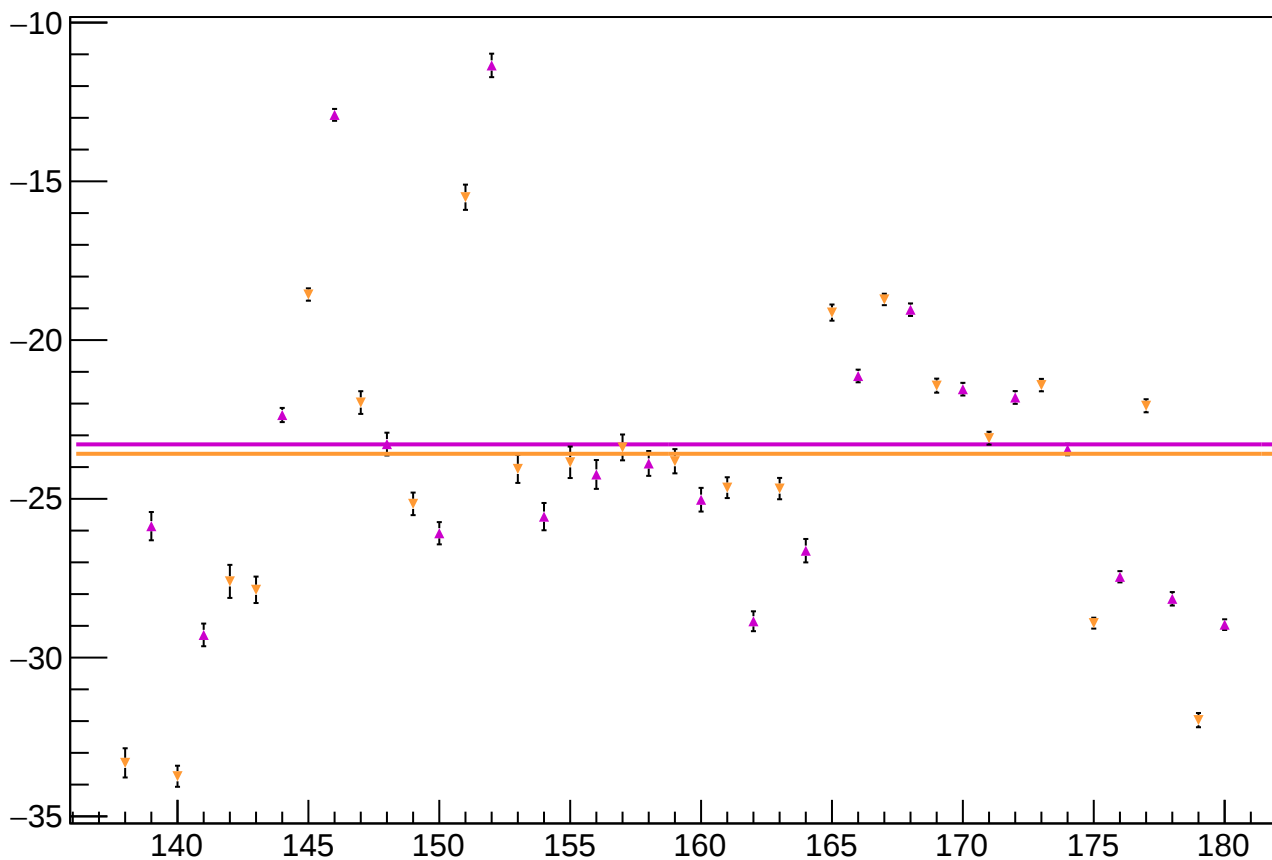
Right: -0.312 $\pm$ 0.013 χ^2 /NDF: 1845.2/35

In: 0.218 $\pm$ 0.004 χ^2 /NDF:2169.7/37

Out: 0.215 $\pm$ 0.005 χ^2 /NDF:2565.9/40

All: 0.217 $\pm$ 0.003 χ^2 /NDF: 4735.9/78

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: -23.581 $\pm$ 0.057 χ^2/NDF : 6359.3/21

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -23.285 $\pm$ 0.054 χ^2/NDF : 7887.7/20

Left: -23.424 $\pm$ 0.039 χ^2/NDF : 14261.3/42

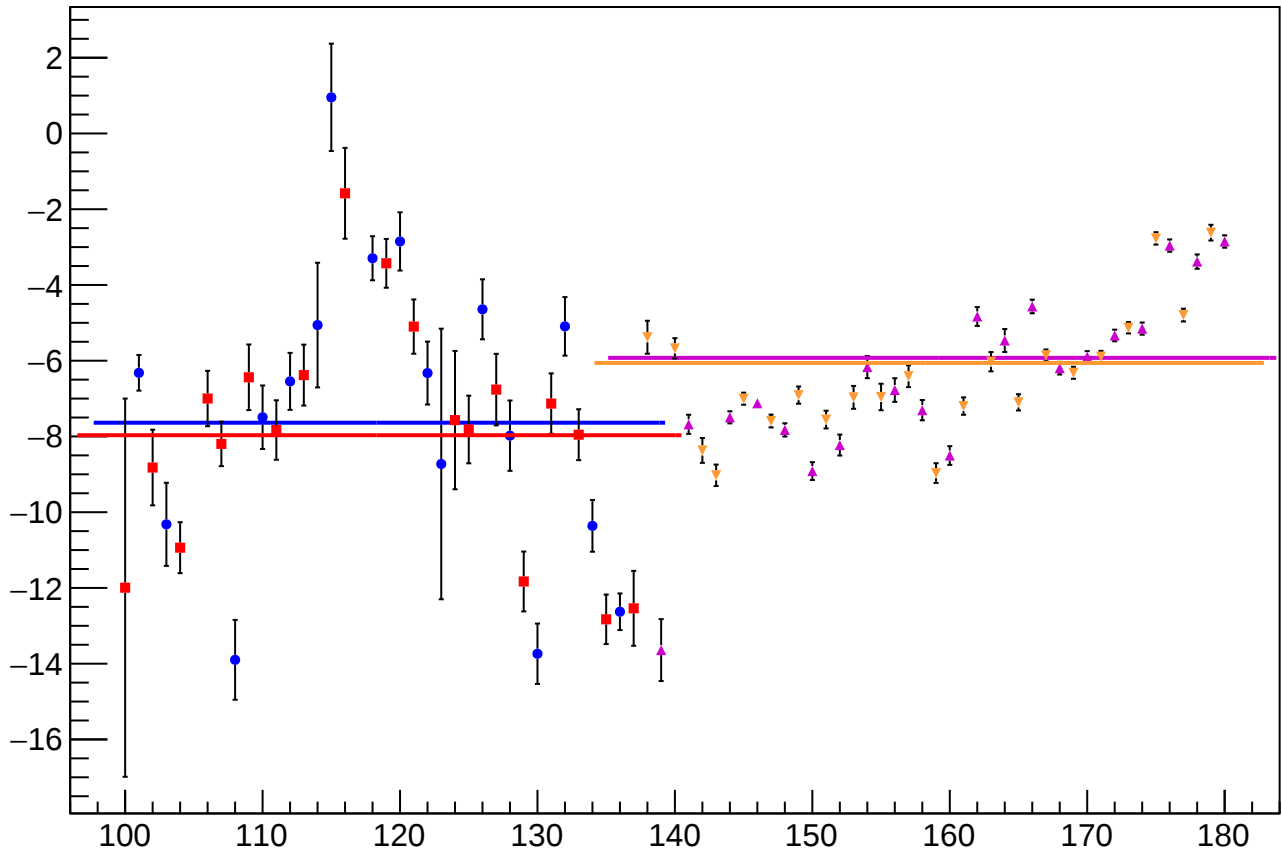
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -23.285 $\pm$ 0.054 χ^2/NDF : 7887.7/20

Out: -23.581 $\pm$ 0.057 χ^2/NDF : 6359.3/21

All: -23.424 $\pm$ 0.039 χ^2/NDF : 14261.3/42

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -6.059 ± 0.044 χ^2/NDF : 1300.9/21

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -5.925 ± 0.042 χ^2/NDF : 1813.5/20

Left: -5.989 ± 0.030 χ^2/NDF : 3119.3/42

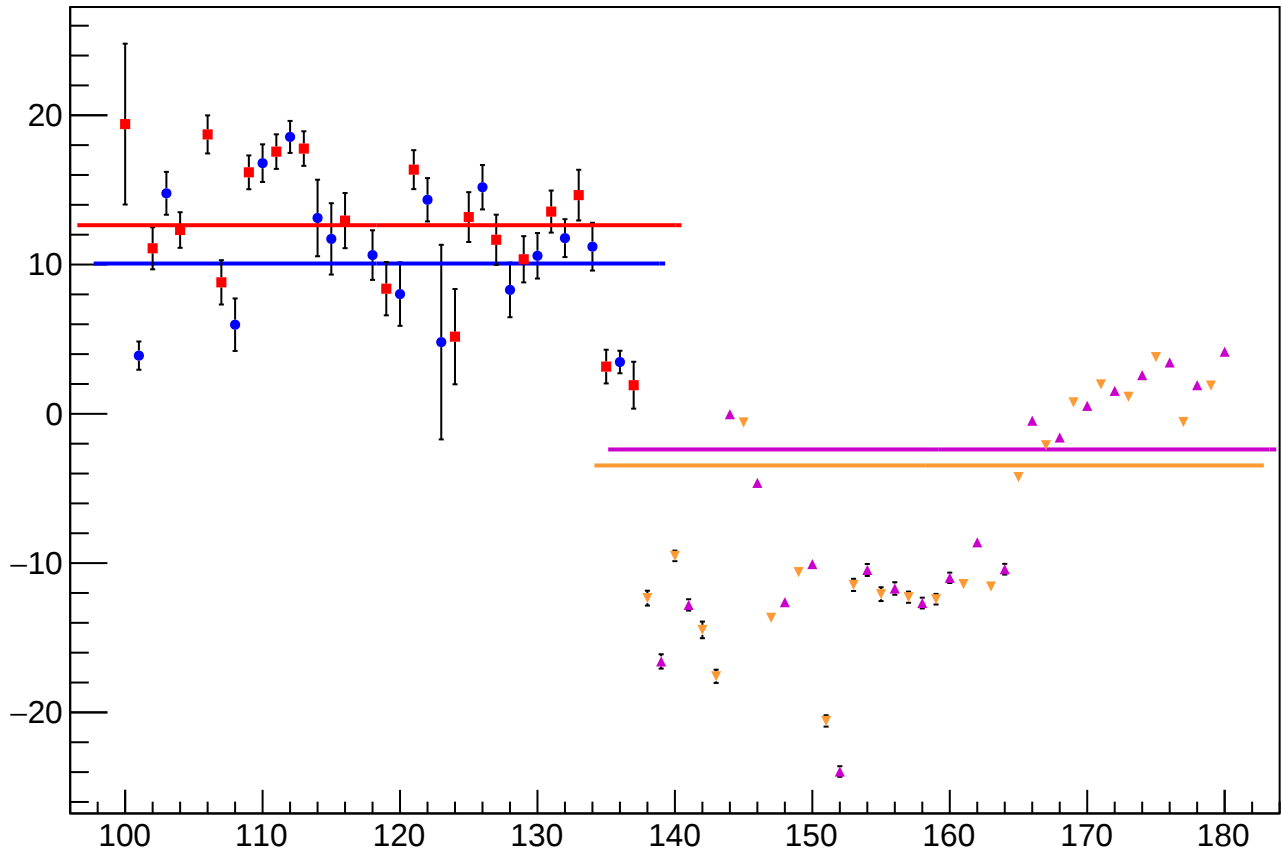
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -6.008 ± 0.041 χ^2/NDF : 2288.1/37

Out: -6.160 ± 0.043 χ^2/NDF : 1628.1/40

All: -6.081 ± 0.030 χ^2/NDF : 3922.9/78

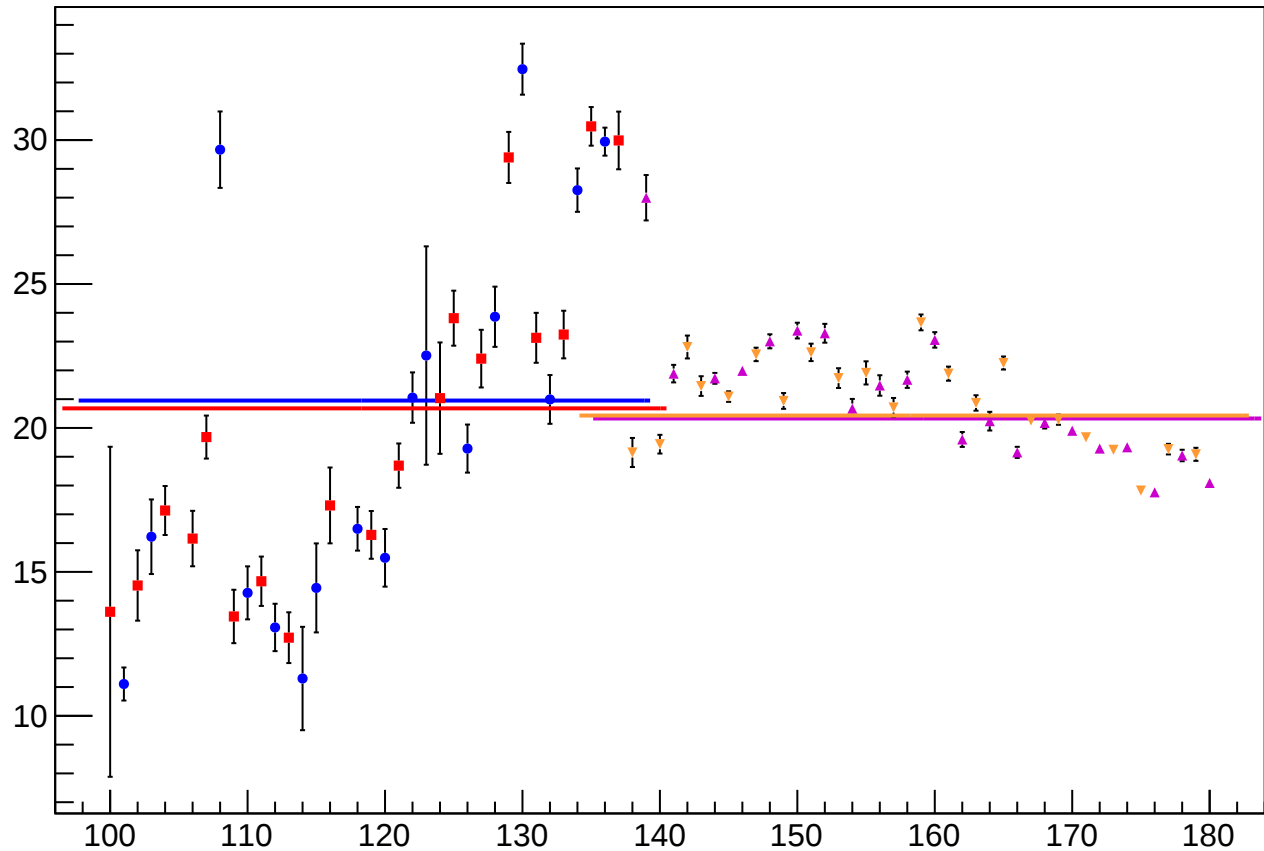
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -3.459 ± 0.057 $\chi^2/\text{NDF}: 13033.3/21$
 Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$
 Left In: -2.386 ± 0.054 $\chi^2/\text{NDF}: 14685.6/20$

Left: -2.889 ± 0.039 $\chi^2/\text{NDF}: 27905.5/42$
 Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$
 In: -2.078 ± 0.053 $\chi^2/\text{NDF}: 16267.9/37$
 Out: -2.996 ± 0.056 $\chi^2/\text{NDF}: 15529.6/40$
 All: -2.509 ± 0.039 $\chi^2/\text{NDF}: 31938.0/78$

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: 20.431 $\pm$ 0.049 χ^2 /NDF: 860.1/21

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 20.329 $\pm$ 0.047 χ^2 /NDF: 1313.0/20

Left: 20.378 $\pm$ 0.034 χ^2 /NDF: 2175.4/42

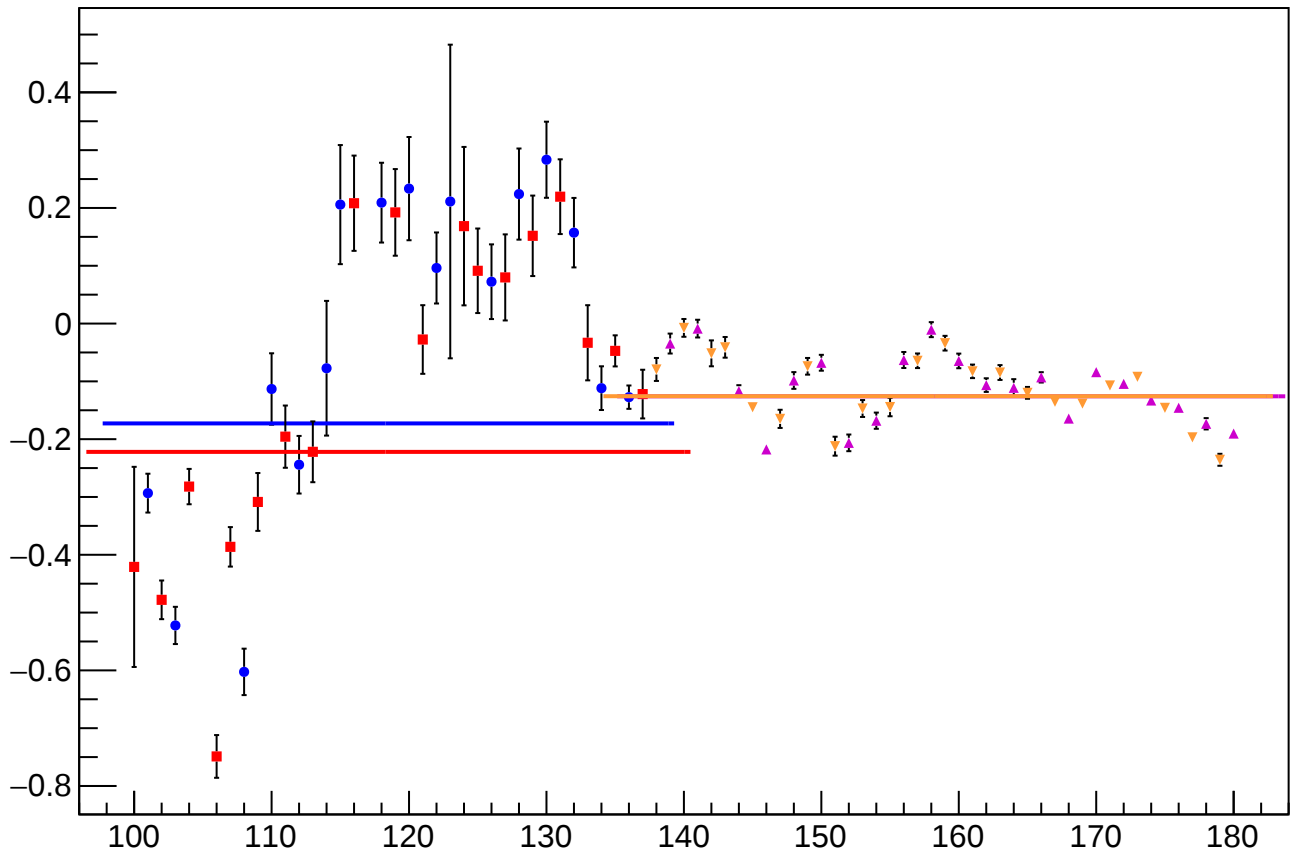
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 20.359 $\pm$ 0.046 χ^2 /NDF: 2544.2/37

Out: 20.444 $\pm$ 0.048 χ^2 /NDF: 1589.9/40

All: 20.400 $\pm$ 0.033 χ^2 /NDF: 4135.7/78

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: -0.126 ± 0.002 χ^2/NDF : 488.3/21

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.126 ± 0.002 χ^2/NDF : 567.8/20

Left: -0.126 ± 0.002 χ^2/NDF : 1056.1/42

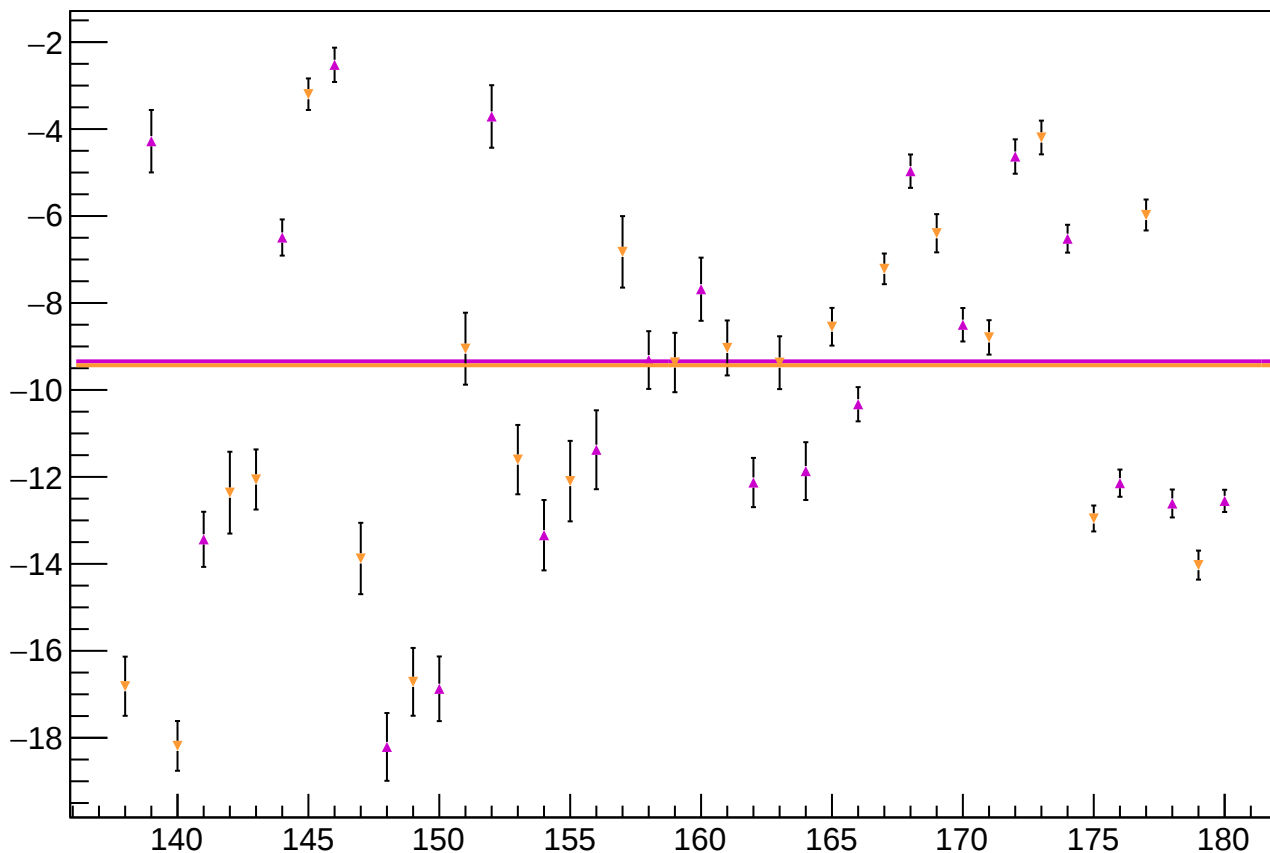
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.128 ± 0.002 χ^2/NDF : 1045.1/37

Out: -0.130 ± 0.002 χ^2/NDF : 1099.0/40

All: -0.129 ± 0.002 χ^2/NDF : 2144.6/78

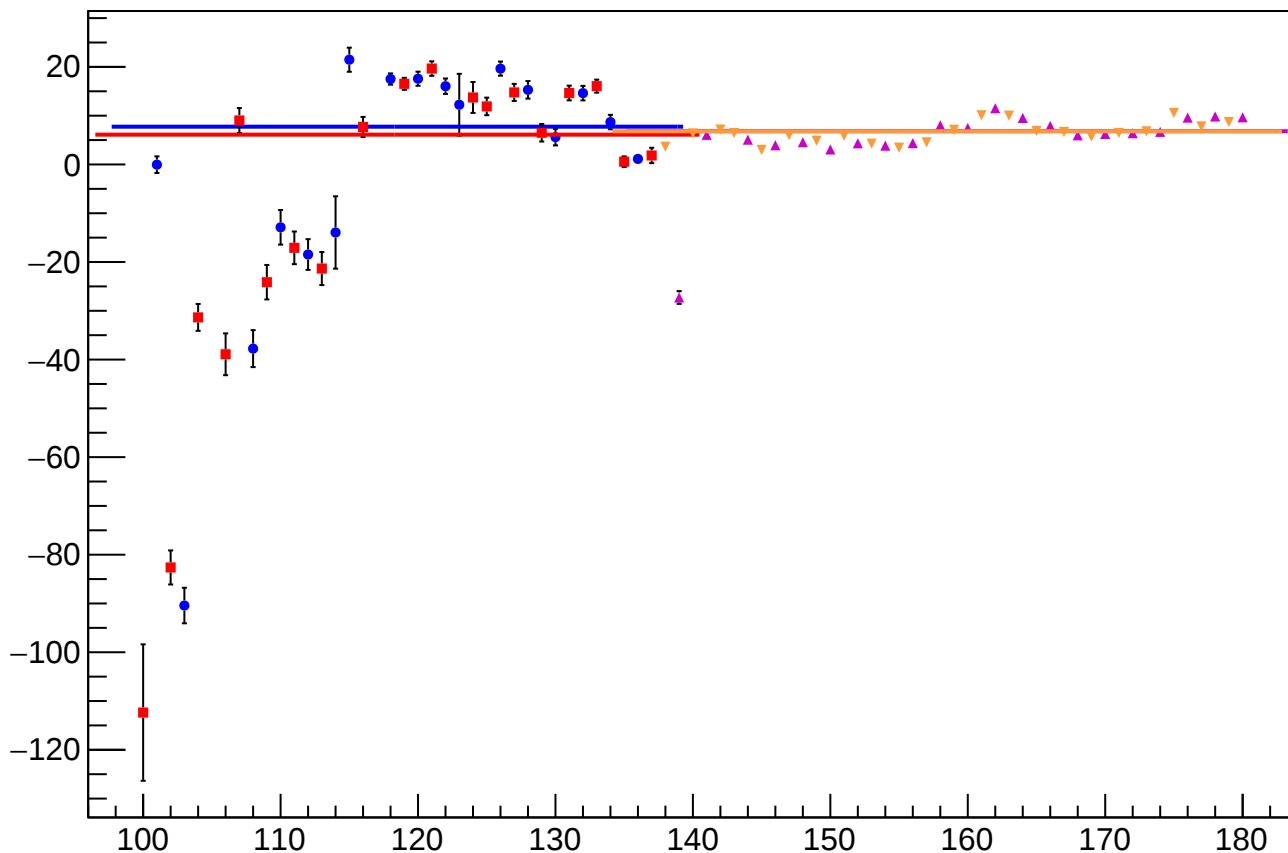
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.432+/-0.104 χ^2/NDF :1514.7/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.343+/-0.097 χ^2/NDF :1506.1/20

Left: -9.384+/-0.071 χ^2/NDF : 3021.2/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -9.343+/-0.097 χ^2/NDF :1506.1/20
 Out: -9.432+/-0.104 χ^2/NDF :1514.7/21
 All: -9.384+/-0.071 χ^2/NDF : 3021.2/42

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 6.801 ± 0.082 $\chi^2/\text{NDF}: 630.4/21$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 6.821 ± 0.078 $\chi^2/\text{NDF}: 1504.2/20$

Left: 6.812 ± 0.056 $\chi^2/\text{NDF}: 2134.6/42$

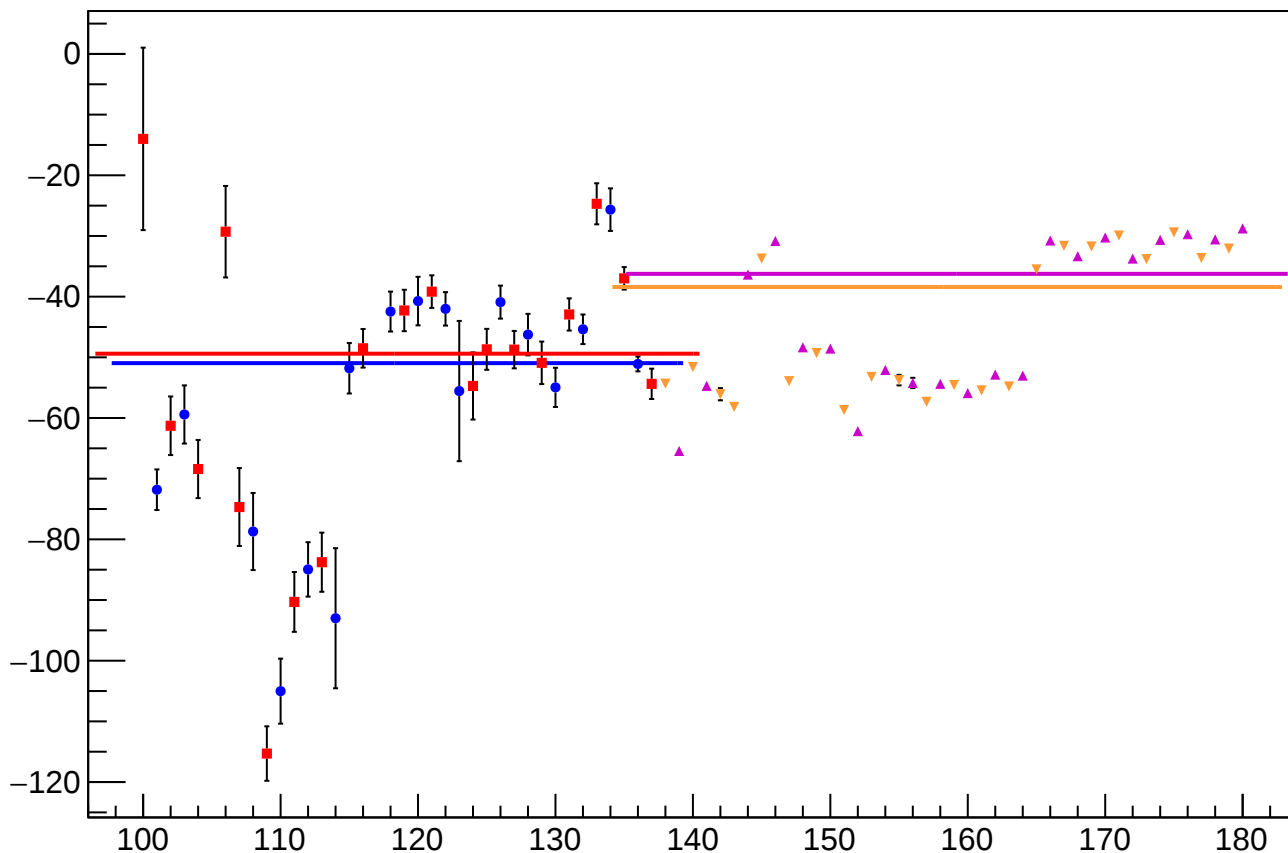
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 6.855 ± 0.077 $\chi^2/\text{NDF}: 2868.1/37$

Out: 6.777 ± 0.080 $\chi^2/\text{NDF}: 2150.5/40$

All: 6.818 ± 0.055 $\chi^2/\text{NDF}: 5019.2/78$

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: -38.414 ± 0.105 χ^2/NDF : 9642.6/21

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -36.241 ± 0.097 χ^2/NDF : 11010.0/20

Left: -37.250 ± 0.071 χ^2/NDF : 20883.9/42

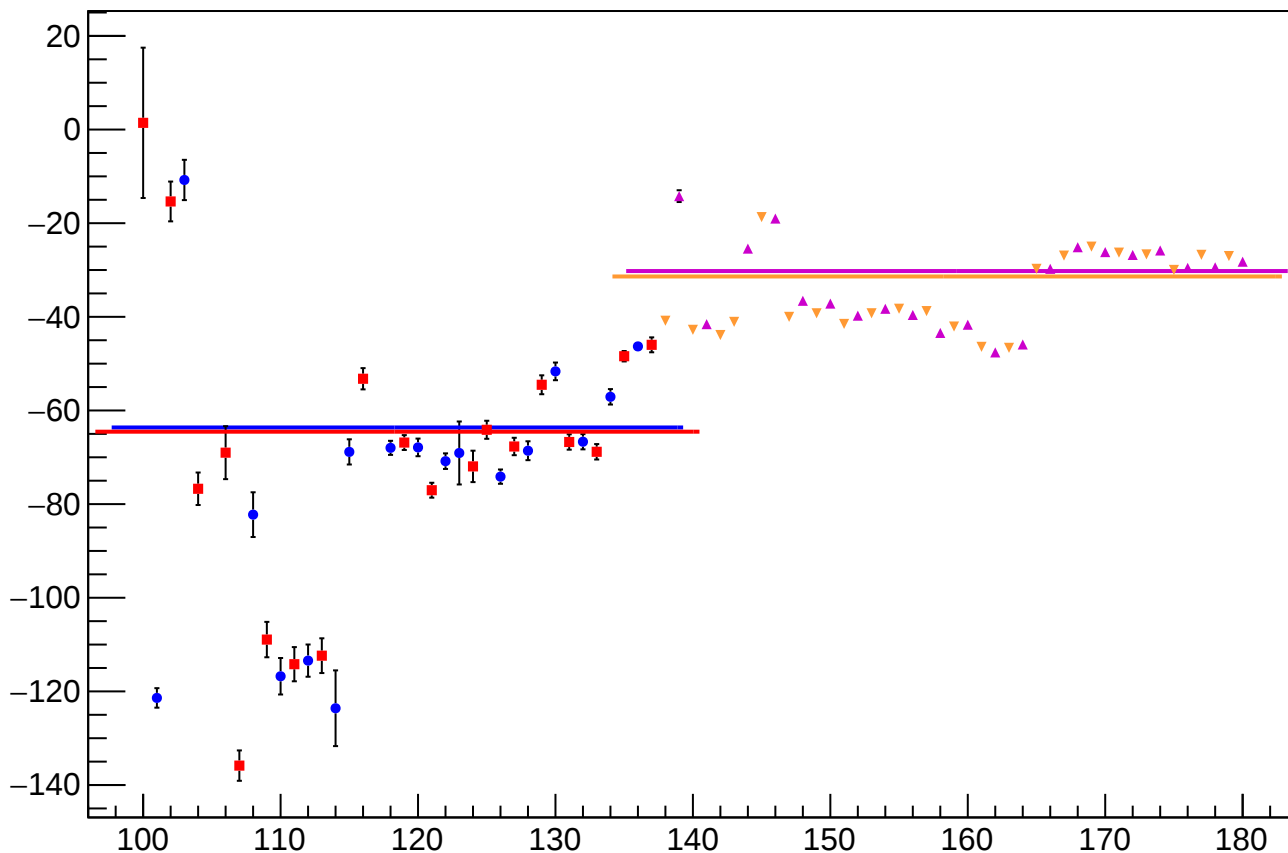
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -36.493 ± 0.097 χ^2/NDF : 11732.4/37

Out: -38.600 ± 0.104 χ^2/NDF : 10341.6/40

All: -37.471 ± 0.071 χ^2/NDF : 22295.2/78

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -31.381 ± 0.091 χ^2/NDF : 7518.5/21

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -30.220 ± 0.087 χ^2/NDF : 6969.7/20

Left: -30.774 ± 0.063 χ^2/NDF : 14572.8/42

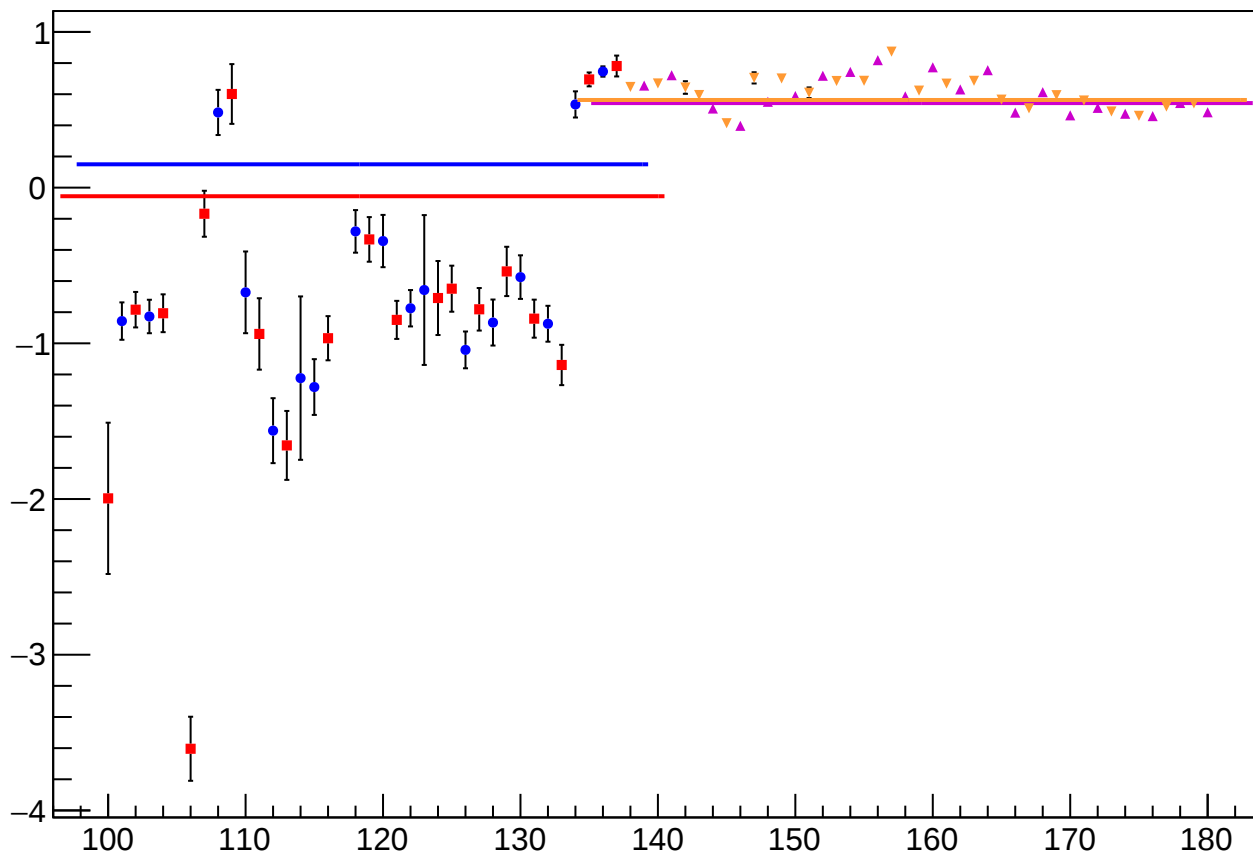
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -31.452 ± 0.086 χ^2/NDF : 14389.6/37

Out: -32.529 ± 0.090 χ^2/NDF : 13696.9/40

All: -31.966 ± 0.062 χ^2/NDF : 28161.9/78

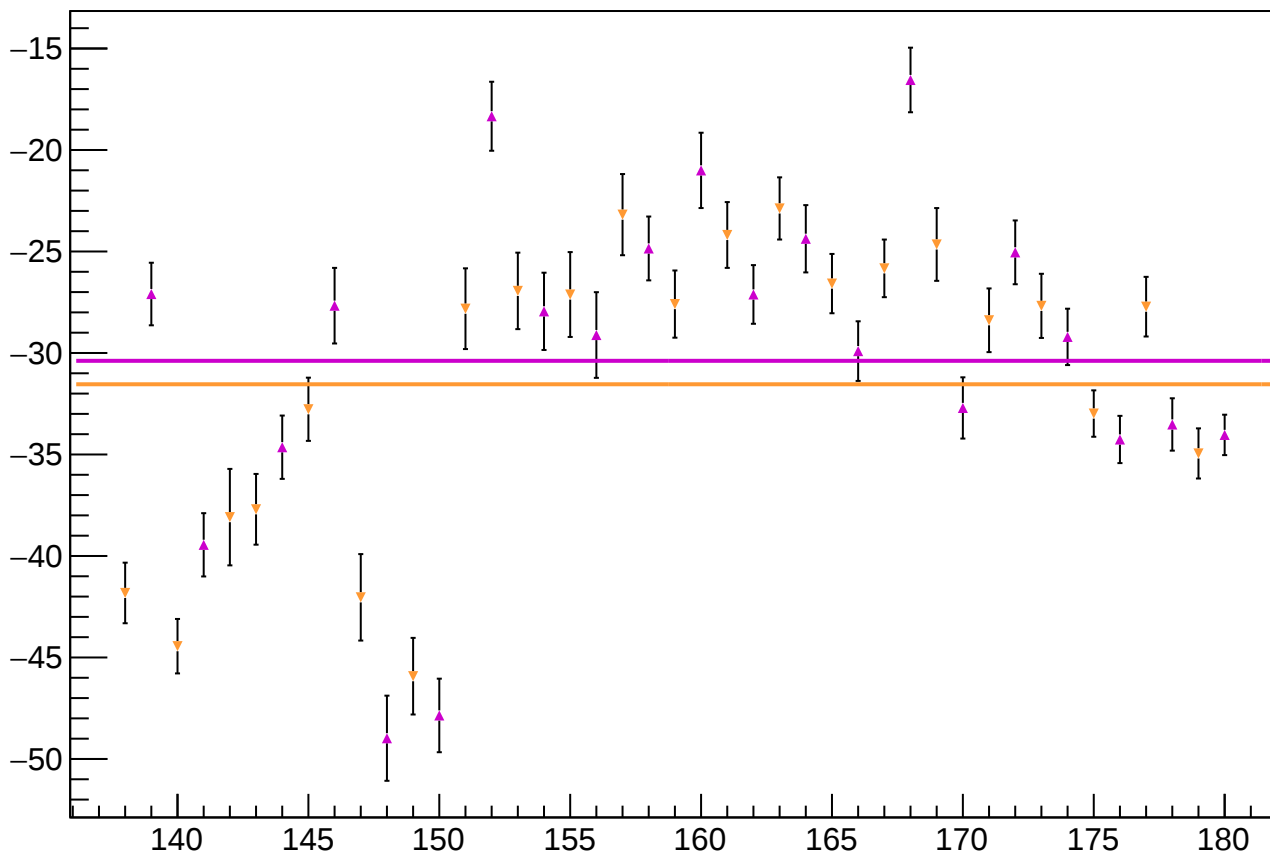
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.563 ± 0.004 $\chi^2/\text{NDF}: 509.9/21$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.543 ± 0.004 $\chi^2/\text{NDF}: 658.9/20$

Left: 0.553 ± 0.003 $\chi^2/\text{NDF}: 1180.7/42$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.532 ± 0.004 $\chi^2/\text{NDF}: 1909.6/37$
 Out: 0.548 ± 0.004 $\chi^2/\text{NDF}: 2223.2/40$
 All: 0.540 ± 0.003 $\chi^2/\text{NDF}: 4139.9/78$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.541+/-0.341 χ^2/NDF :401.1/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.386+/-0.333 χ^2/NDF :448.8/20

Left: -30.949+/-0.238 χ^2/NDF : 855.8/42

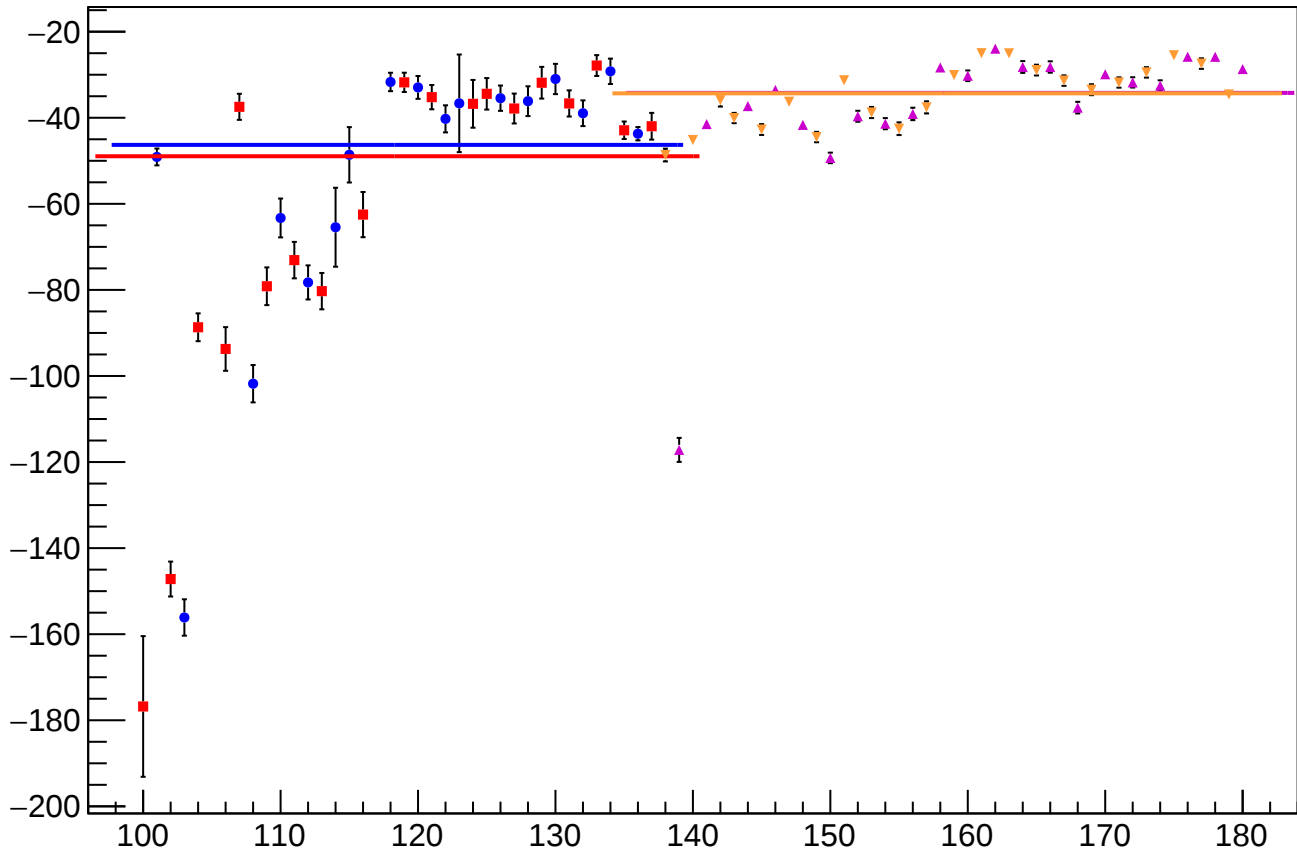
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.386+/-0.333 χ^2/NDF :448.8/20

Out: -31.541+/-0.341 χ^2/NDF :401.1/21

All: -30.949+/-0.238 χ^2/NDF : 855.8/42

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -34.326 ± 0.259 $\chi^2/\text{NDF}: 675.4/21$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -34.221 ± 0.262 $\chi^2/\text{NDF}: 1529.0/20$

Left: -34.274 ± 0.184 $\chi^2/\text{NDF}: 2204.5/42$

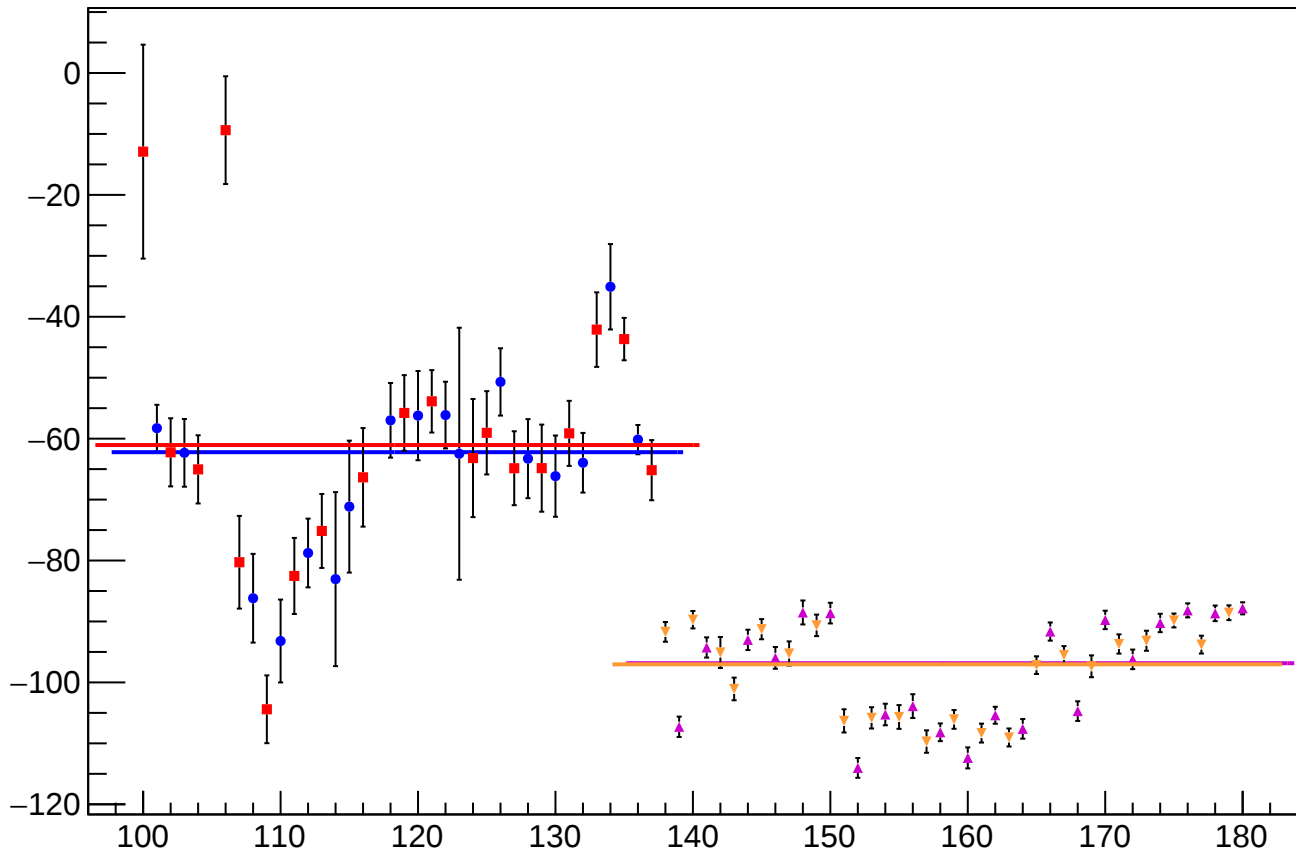
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -35.626 ± 0.247 $\chi^2/\text{NDF}: 2859.4/37$

Out: -35.842 ± 0.246 $\chi^2/\text{NDF}: 2278.5/40$

All: -35.734 ± 0.174 $\chi^2/\text{NDF}: 5138.2/78$

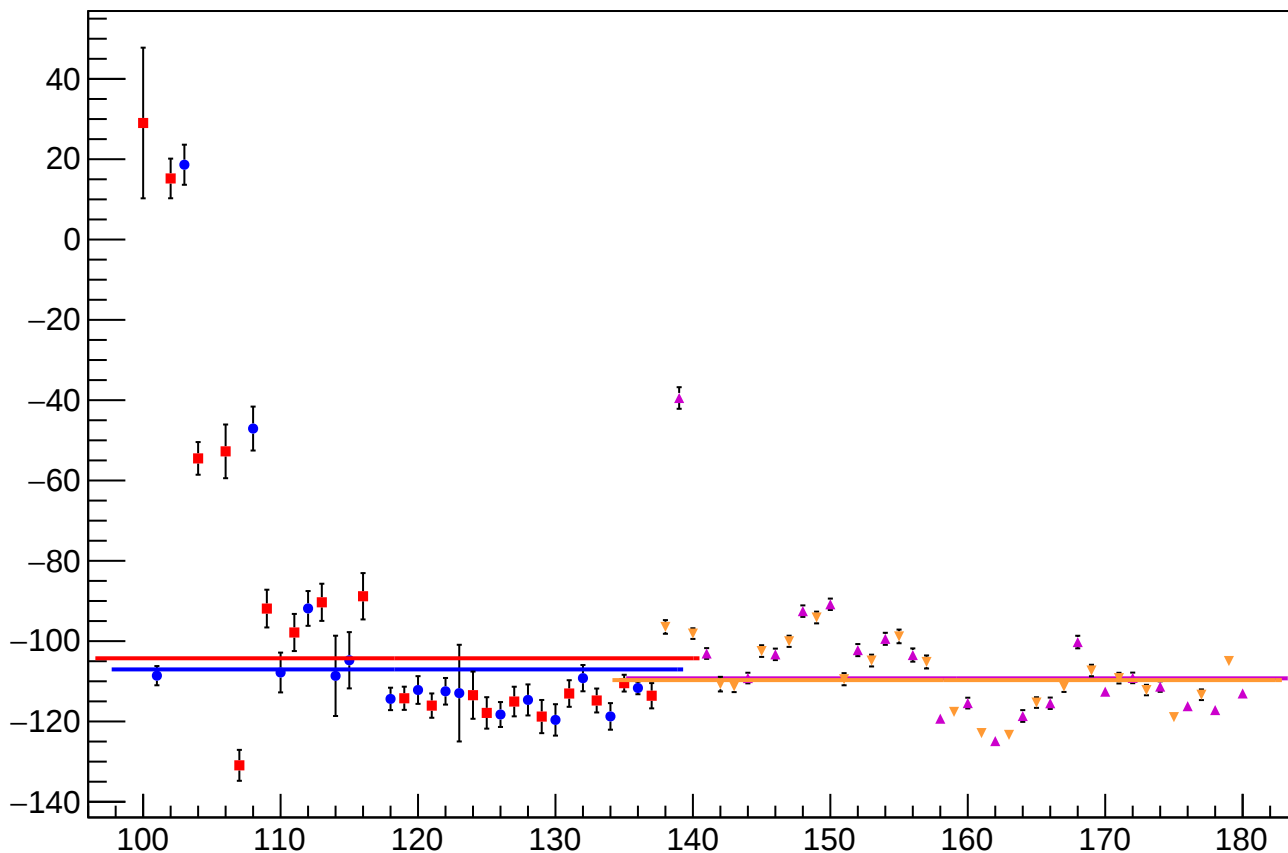
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -97.037 ± 0.340 $\chi^2/\text{NDF}: 442.6/21$
 Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$
 Left In: -96.851 ± 0.330 $\chi^2/\text{NDF}: 717.5/20$

Left: -96.941 ± 0.237 $\chi^2/\text{NDF}: 1160.2/42$
 Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$
 In: -94.784 ± 0.320 $\chi^2/\text{NDF}: 1440.3/37$
 Out: -94.975 ± 0.330 $\chi^2/\text{NDF}: 1250.9/40$
 All: -94.877 ± 0.230 $\chi^2/\text{NDF}: 2691.4/78$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -109.702 ± 0.294 χ^2/NDF : 782.4/21

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -109.259 ± 0.294 χ^2/NDF : 1556.2/20

Left: -109.481 ± 0.208 χ^2/NDF : 2339.8/42

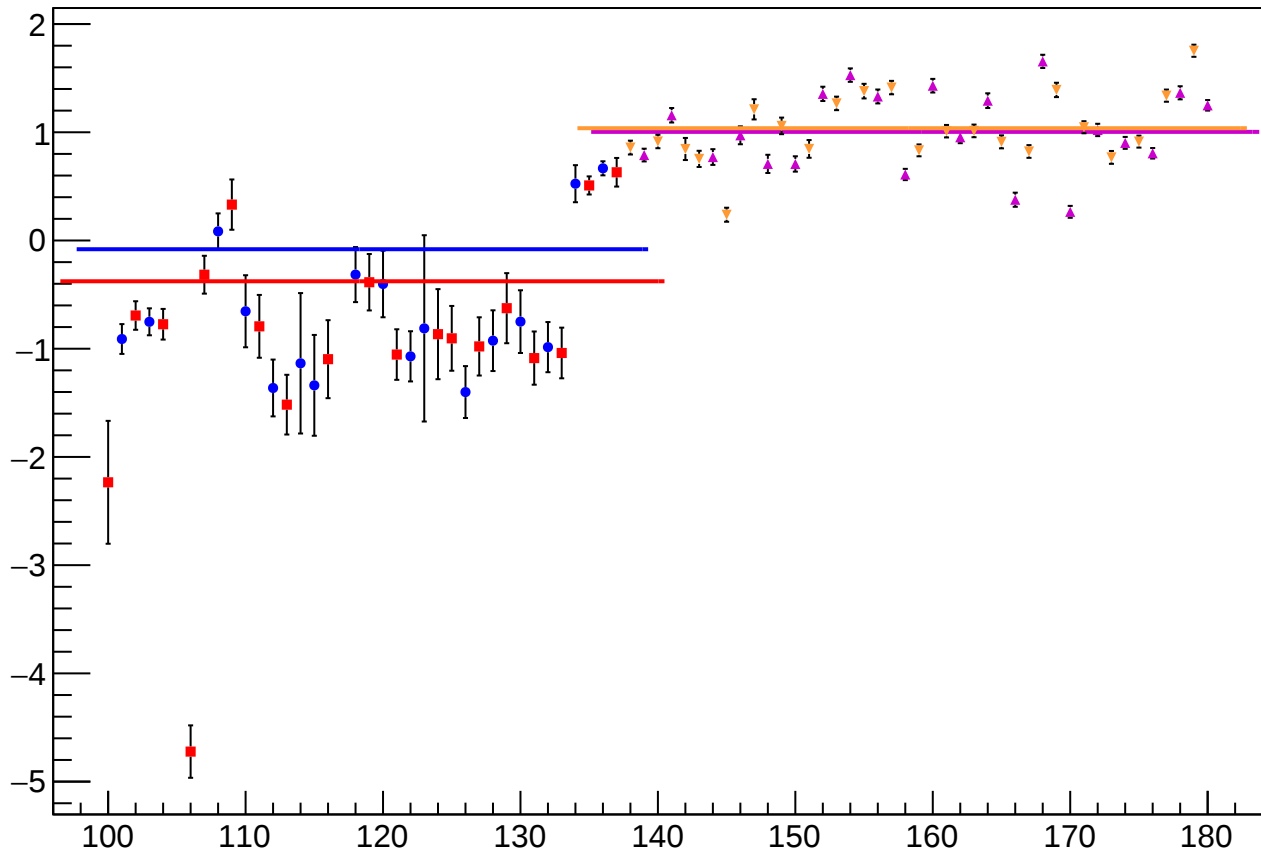
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -109.002 ± 0.277 χ^2/NDF : 2390.7/37

Out: -109.134 ± 0.278 χ^2/NDF : 1836.2/40

All: -109.067 ± 0.196 χ^2/NDF : 4227.0/78

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: 1.037 ± 0.014 χ^2/NDF : 543.3/21

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.004 ± 0.013 χ^2/NDF : 771.8/20

Left: 1.020 ± 0.009 χ^2/NDF : 1318.3/42

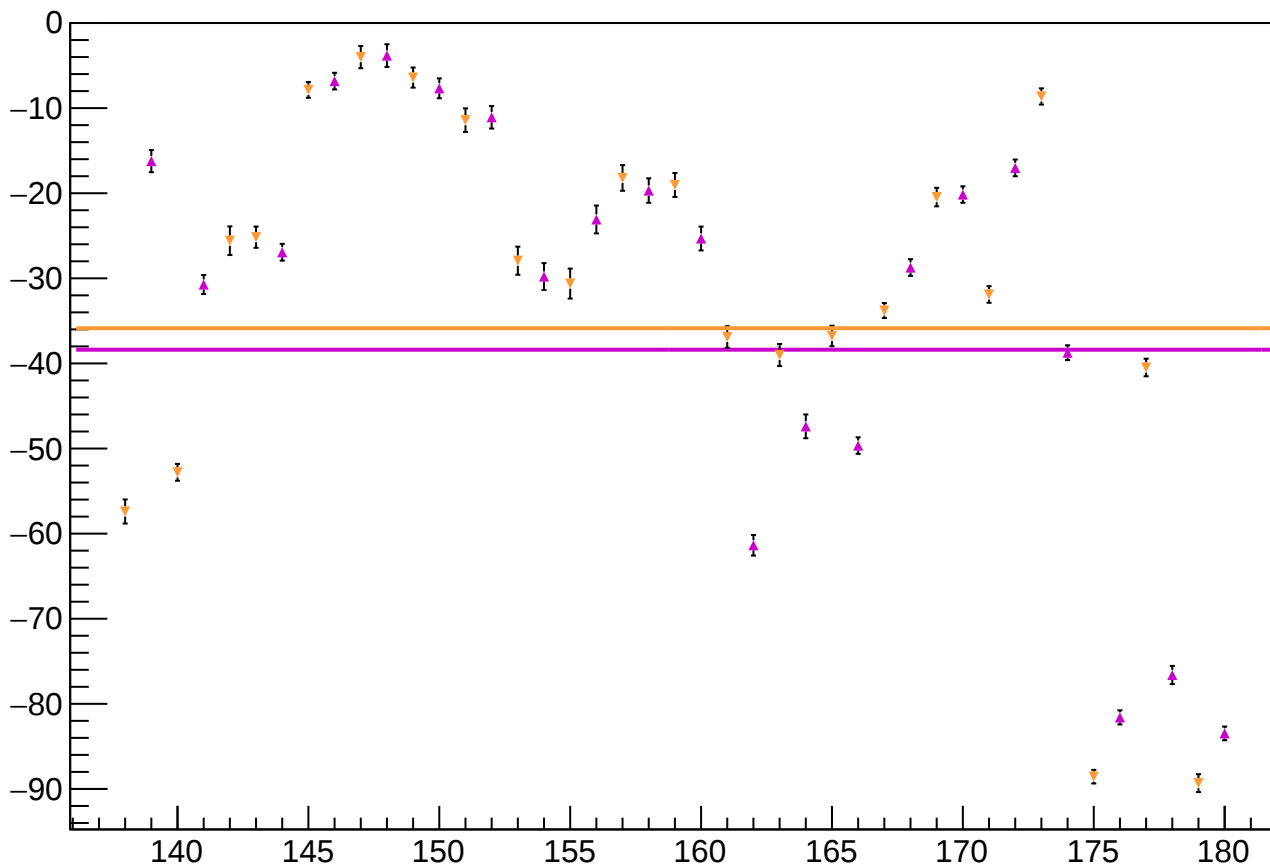
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.906 ± 0.013 χ^2/NDF : 1701.6/37

Out: 0.915 ± 0.013 χ^2/NDF : 2075.7/40

All: 0.910 ± 0.009 χ^2/NDF : 3777.6/78

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: -35.863+/-0.244 χ^2/NDF :11382.5/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.386+/-0.238 χ^2/NDF :12250.0/20

Left: -37.160+/-0.170 χ^2/NDF : 23687.2/42

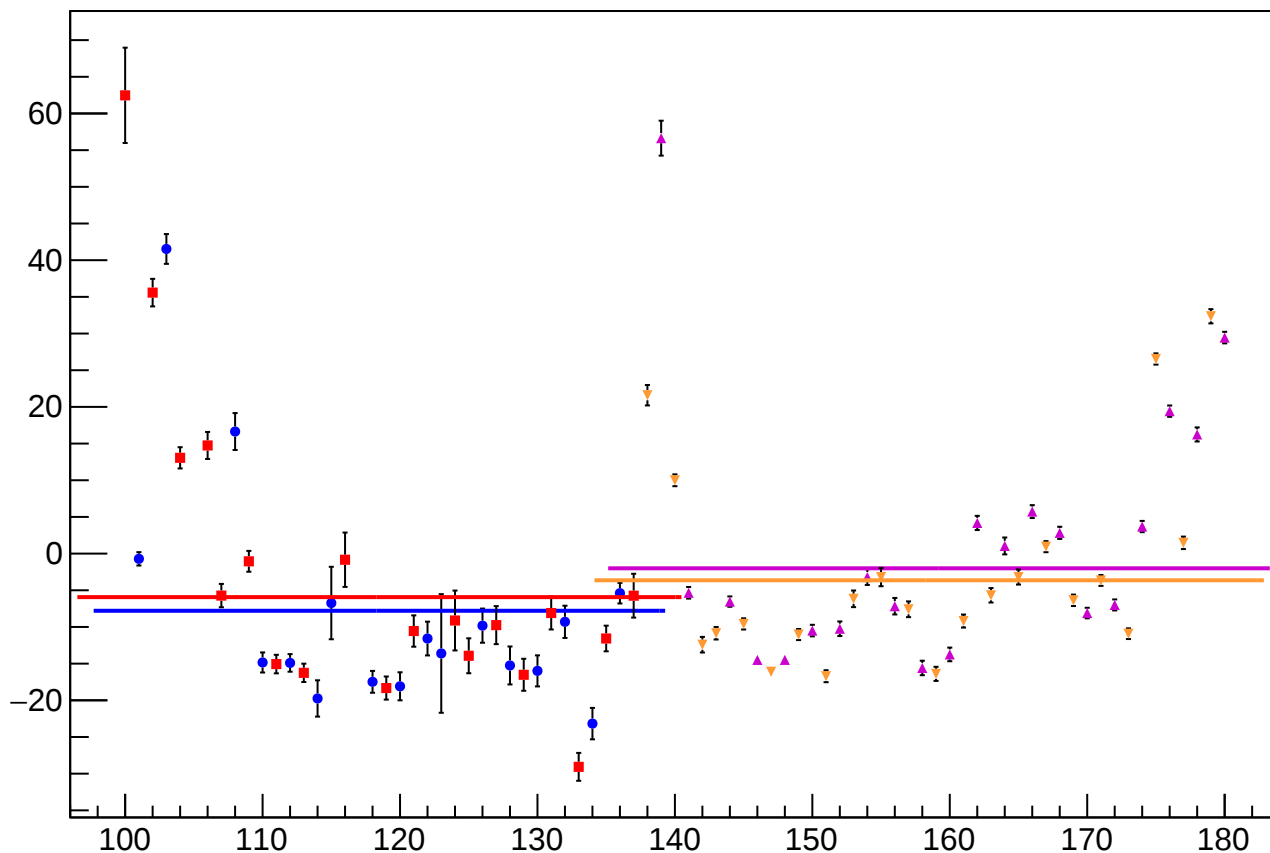
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.386+/-0.238 χ^2/NDF :12250.0/20

Out: -35.863+/-0.244 χ^2/NDF :11382.5/21

All: -37.160+/-0.170 χ^2/NDF : 23687.2/42

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

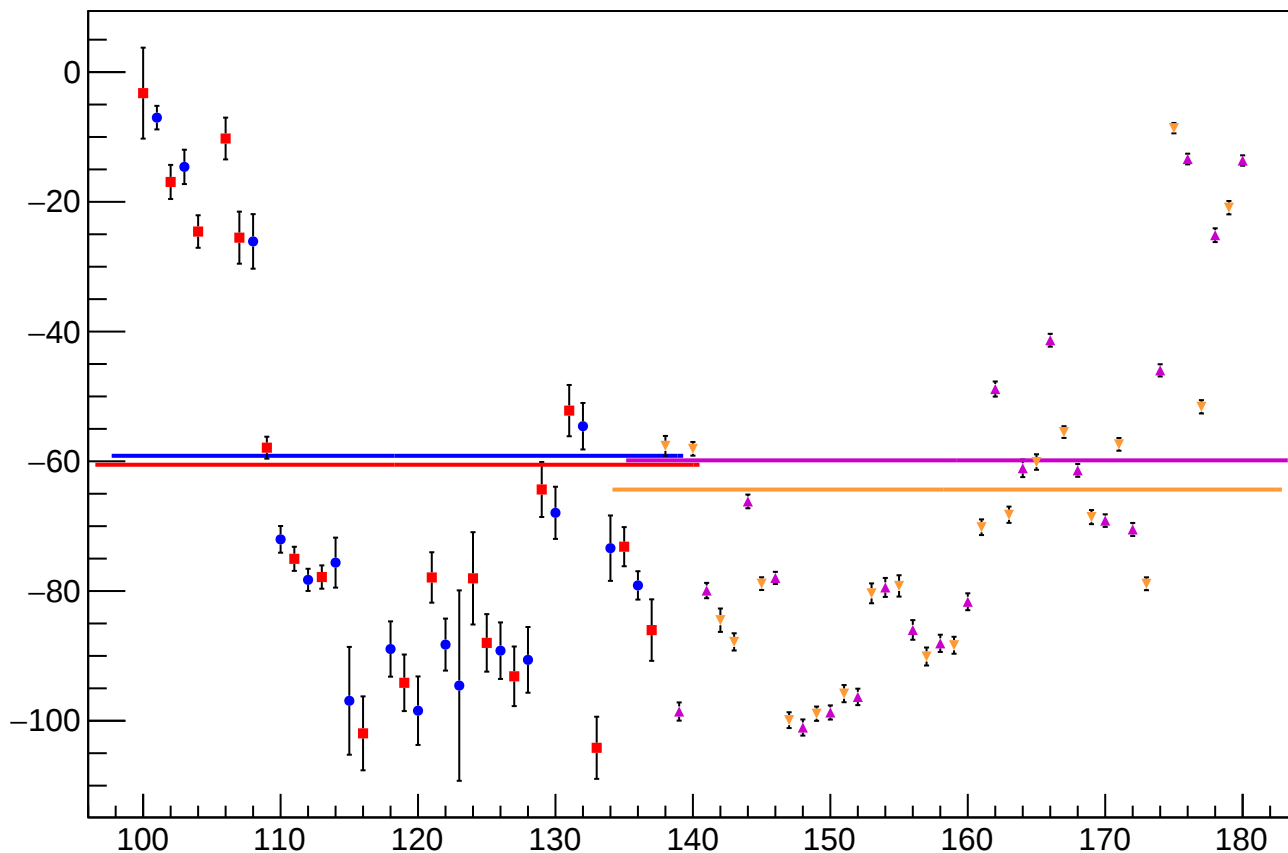


Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -3.639 ± 0.184 χ^2/NDF : 4901.6/21
 Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18
 Left In: -2.005 ± 0.184 χ^2/NDF : 5055.2/20

Left: -2.823 ± 0.130 χ^2/NDF : 9996.4/42
 Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35
 In: -2.907 ± 0.169 χ^2/NDF : 6192.4/37
 Out: -3.994 ± 0.169 χ^2/NDF : 6220.0/40

All: -3.451 ± 0.119 χ^2/NDF : 12433.2/78

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: -64.357 ± 0.244 χ^2/NDF : 11162.7/21

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -59.853 ± 0.237 χ^2/NDF : 14293.0/20

Left: -62.038 ± 0.170 χ^2/NDF : 25631.0/42

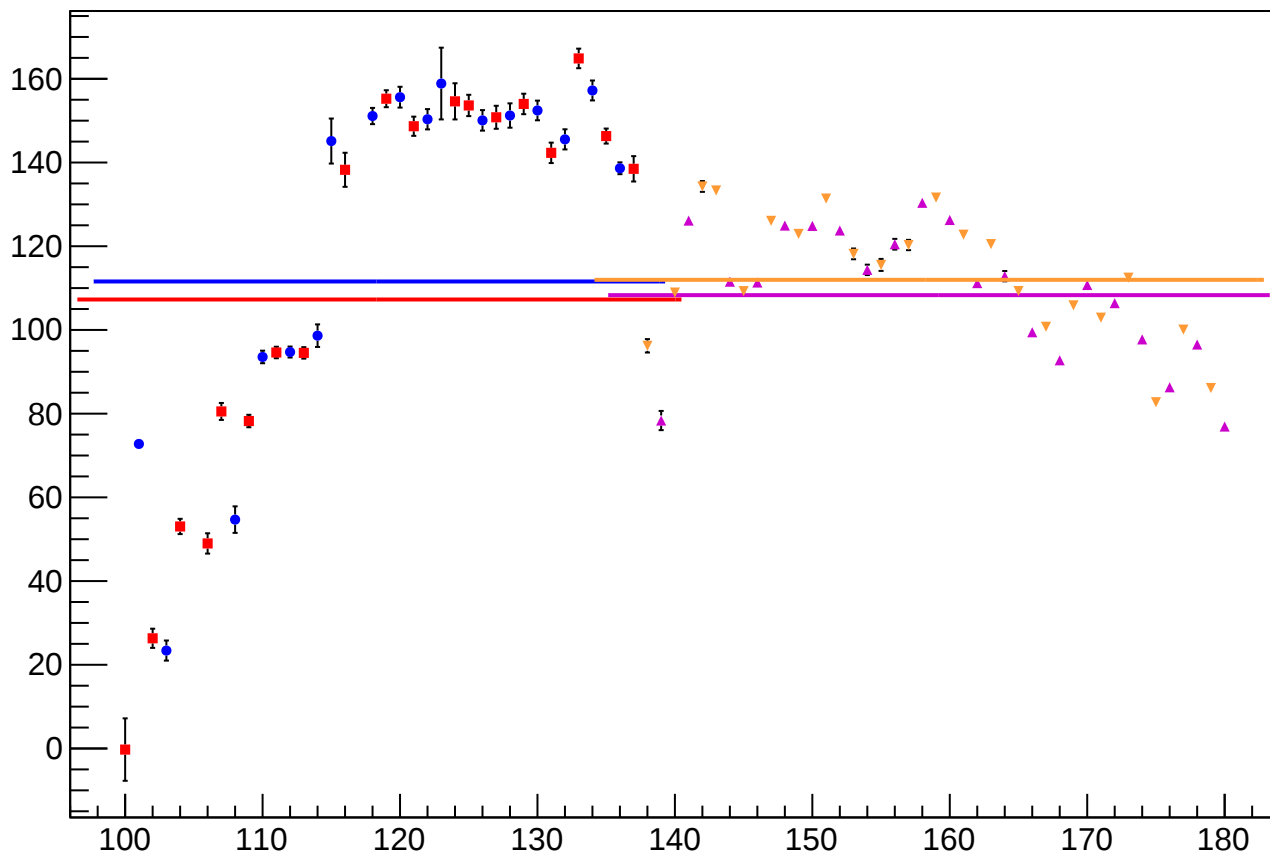
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -59.788 ± 0.226 χ^2/NDF : 16012.1/37

Out: -63.946 ± 0.231 χ^2/NDF : 12574.3/40

All: -61.823 ± 0.161 χ^2/NDF : 28752.4/78

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: 111.977 ± 0.209 $\chi^2/\text{NDF}: 4678.6/21$

Right Out: 107.273 ± 0.488 $\chi^2/\text{NDF}: 7044.9/18$

Left In: 108.315 ± 0.208 $\chi^2/\text{NDF}: 5062.8/20$

Left: 110.137 ± 0.148 $\chi^2/\text{NDF}: 9895.2/42$

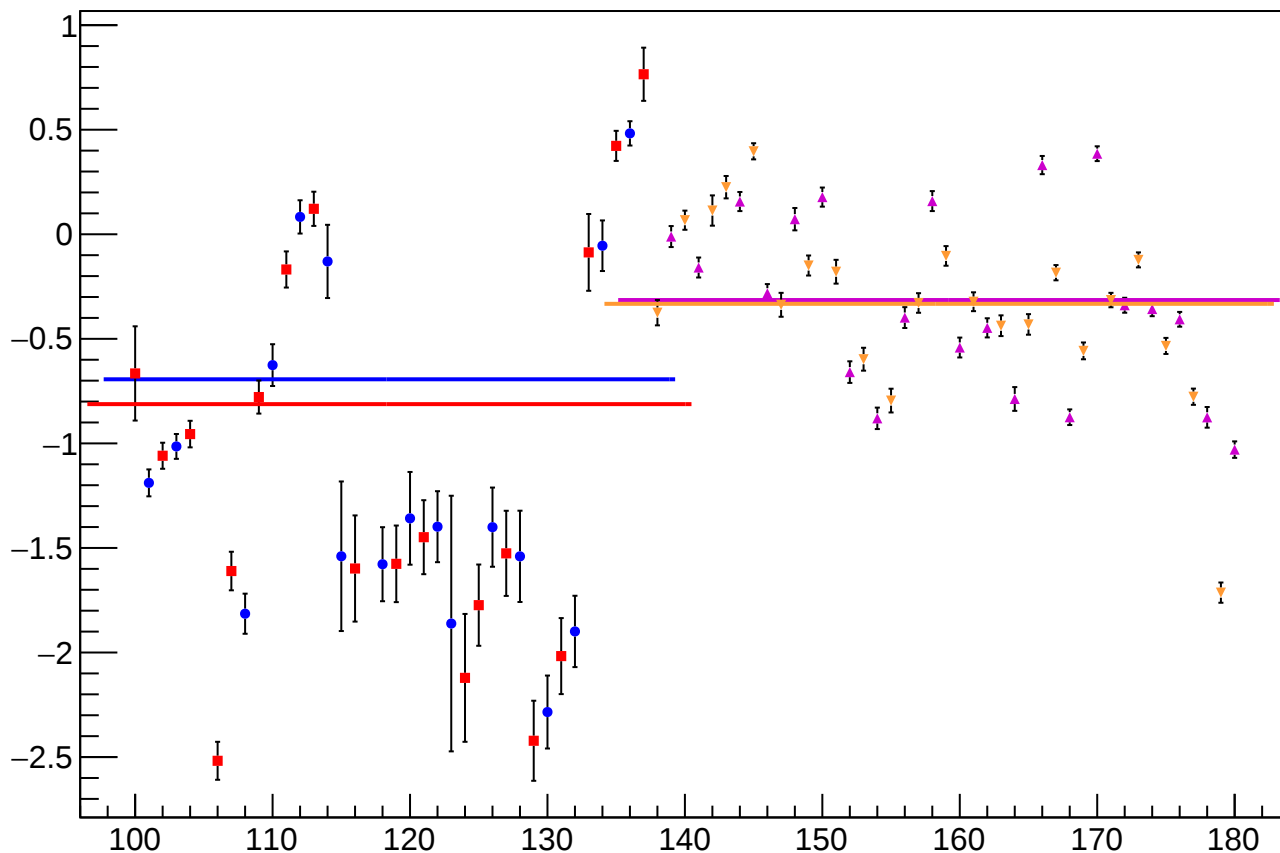
Right: 109.427 ± 0.345 $\chi^2/\text{NDF}: 13029.8/35$

In: 108.819 ± 0.192 $\chi^2/\text{NDF}: 11046.7/37$

Out: 111.245 ± 0.192 $\chi^2/\text{NDF}: 11802.1/40$

All: 110.026 ± 0.136 $\chi^2/\text{NDF}: 22928.6/78$

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: -0.333 ± 0.010 χ^2/NDF : 1779.5/21

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.314 ± 0.010 χ^2/NDF : 1992.9/20

Left: -0.323 ± 0.007 χ^2/NDF : 3774.2/42

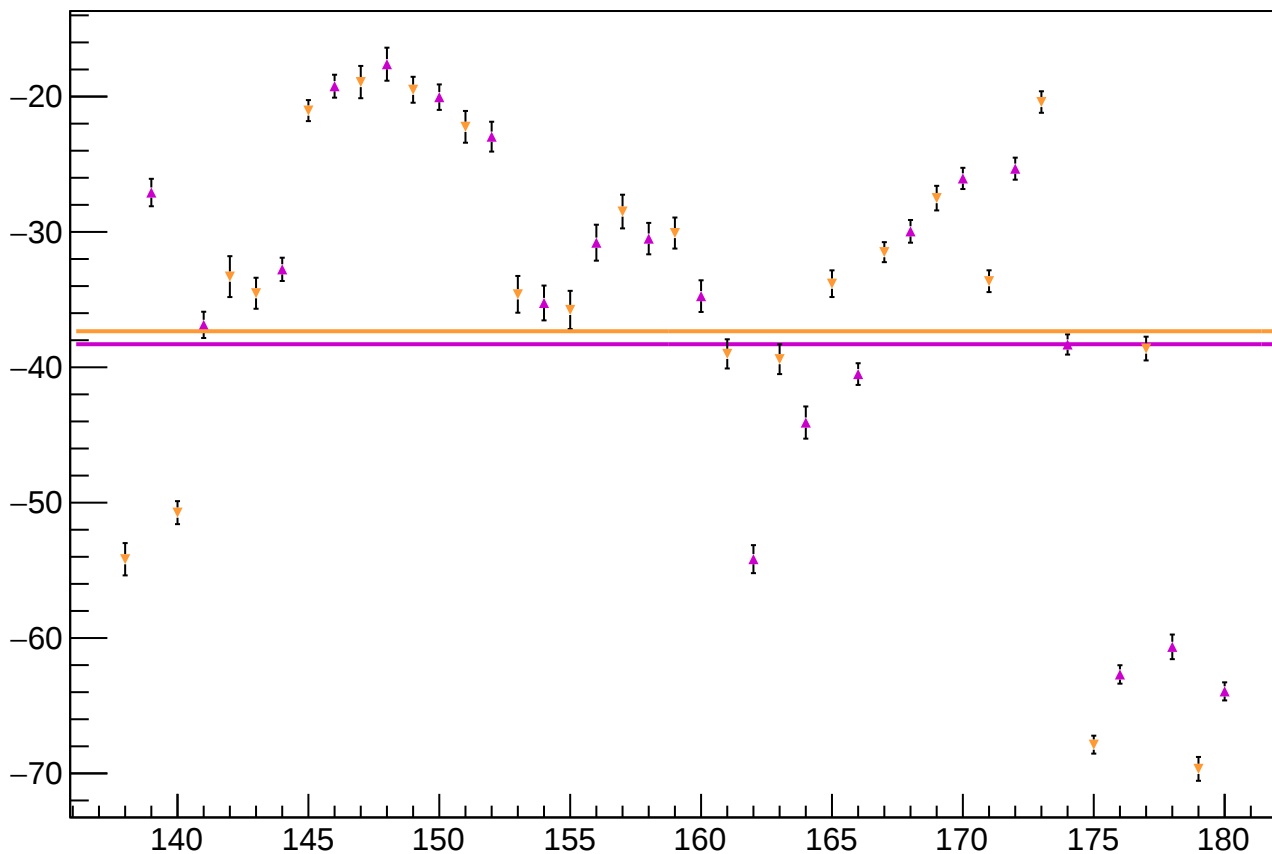
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.360 ± 0.009 χ^2/NDF : 3173.5/37

Out: -0.398 ± 0.009 χ^2/NDF : 3423.8/40

All: -0.379 ± 0.006 χ^2/NDF : 6606.5/78

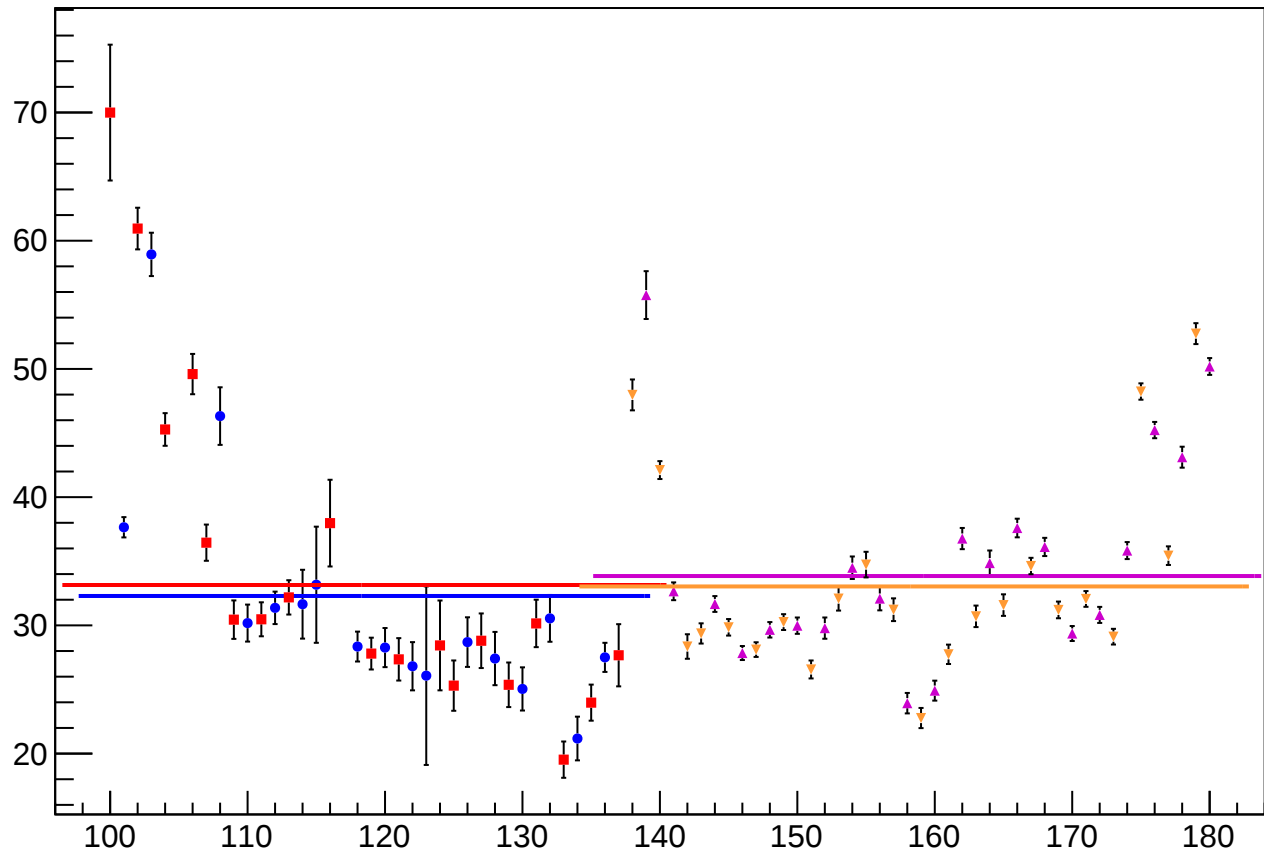
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -37.336 $\pm$ 0.206 χ^2/NDF :5894.9/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -38.295 $\pm$ 0.199 χ^2/NDF :5844.9/20

Left: -37.831 $\pm$ 0.143 χ^2/NDF : 11751.1/42
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -38.295 $\pm$ 0.199 χ^2/NDF :5844.9/20
 Out: -37.336 $\pm$ 0.206 χ^2/NDF :5894.9/21
 All: -37.831 $\pm$ 0.143 χ^2/NDF : 11751.1/42

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2 /NDF: 452.5/16

Left Out: 33.036 $\pm$ 0.156 χ^2 /NDF:2033.6/21

Right Out: 33.149 $\pm$ 0.379 χ^2 /NDF: 772.6/18

Left In: 33.848 $\pm$ 0.156 χ^2 /NDF:1887.6/20

Left: 33.442 $\pm$ 0.110 χ^2 /NDF: 3934.8/42

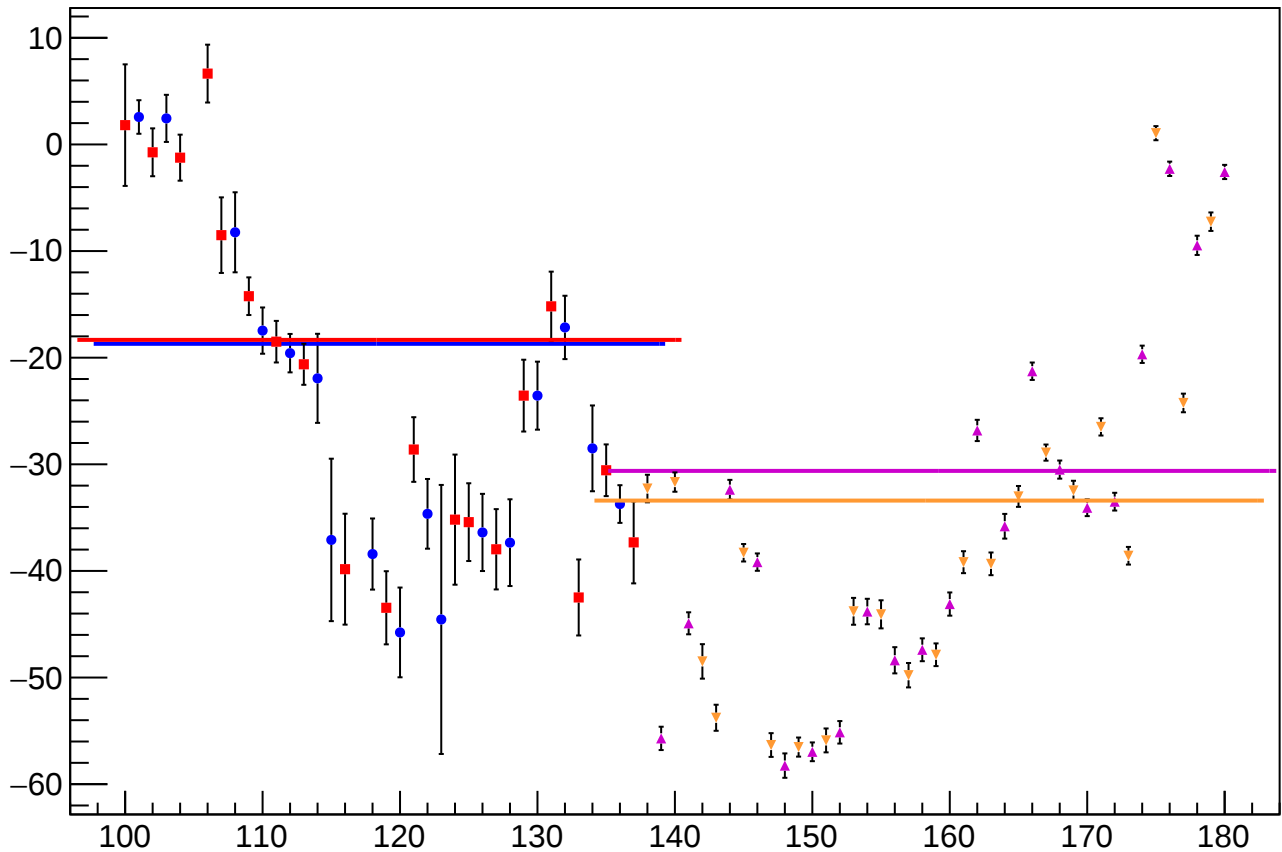
Right: 32.715 $\pm$ 0.266 χ^2 /NDF: 1227.8/35

In: 33.617 $\pm$ 0.144 χ^2 /NDF:2354.9/37

Out: 33.052 $\pm$ 0.144 χ^2 /NDF:2806.3/40

All: 33.335 $\pm$ 0.102 χ^2 /NDF: 5168.9/78

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: -33.402 ± 0.205 $\chi^2/\text{NDF}: 6358.1/21$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -30.618 ± 0.198 $\chi^2/\text{NDF}: 8030.5/20$

Left: -31.964 ± 0.143 $\chi^2/\text{NDF}: 14483.8/42$

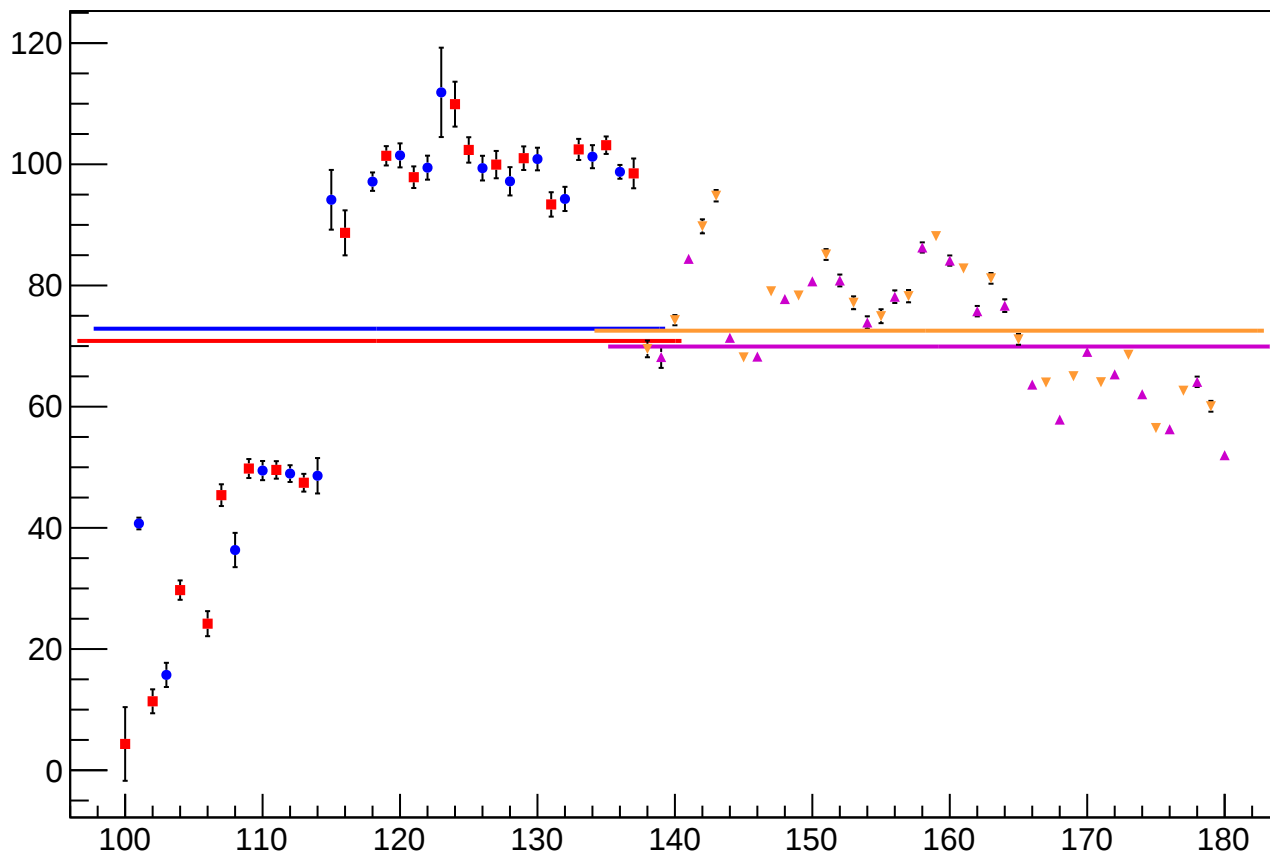
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -29.648 ± 0.190 $\chi^2/\text{NDF}: 8843.3/37$

Out: -32.013 ± 0.195 $\chi^2/\text{NDF}: 7330.2/40$

All: -30.798 ± 0.136 $\chi^2/\text{NDF}: 16248.7/78$

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: 72.541 $\pm$ 0.177 χ^2 /NDF:3196.1/21

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 69.925 $\pm$ 0.176 χ^2 /NDF:3123.4/20

Left: 71.224 $\pm$ 0.125 χ^2 /NDF: 6429.6/42

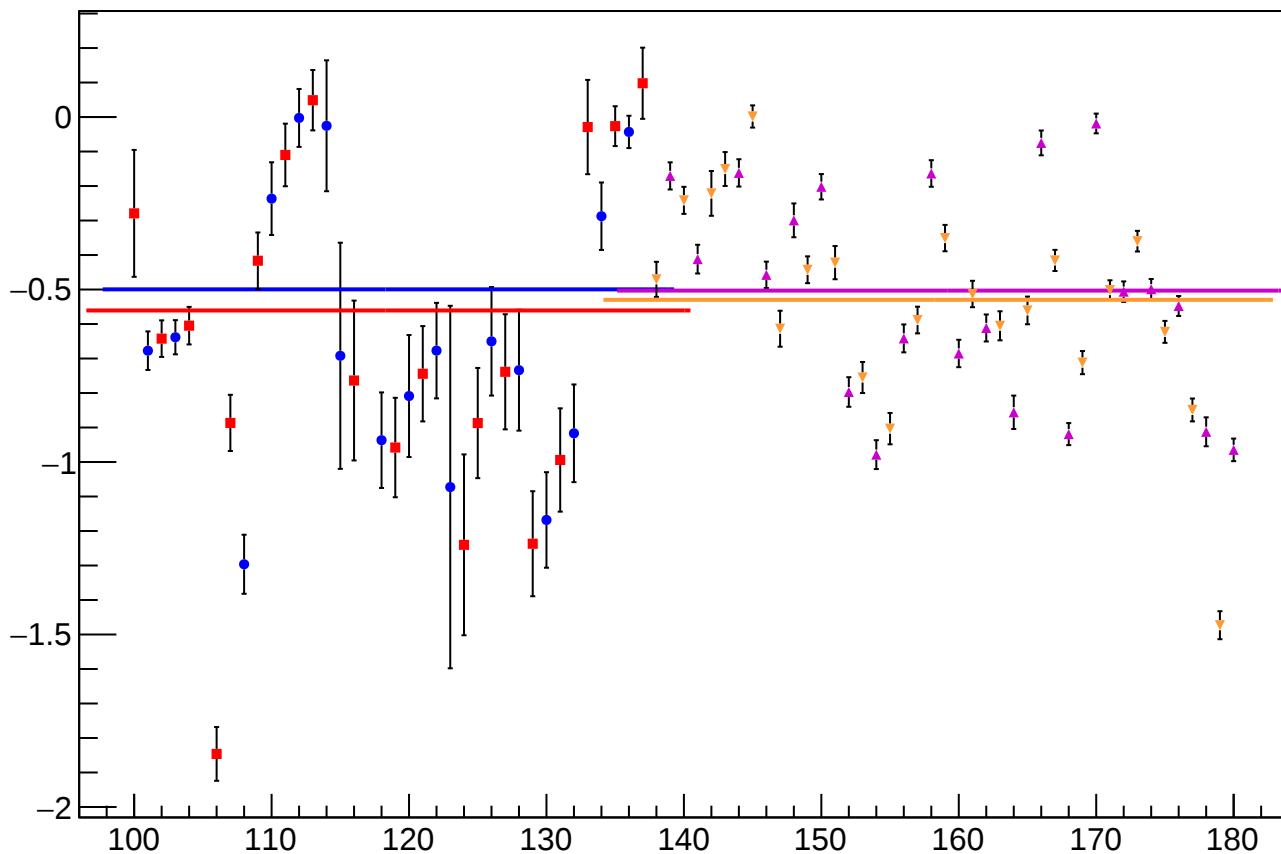
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 70.352 $\pm$ 0.162 χ^2 /NDF:7891.3/37

Out: 72.299 $\pm$ 0.164 χ^2 /NDF:8704.5/40

All: 71.318 $\pm$ 0.115 χ^2 /NDF: 16667.1/78

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: -0.530 ± 0.008 χ^2/NDF : 1261.0/21

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.503 ± 0.008 χ^2/NDF : 1478.2/20

Left: -0.516 ± 0.006 χ^2/NDF : 2744.7/42

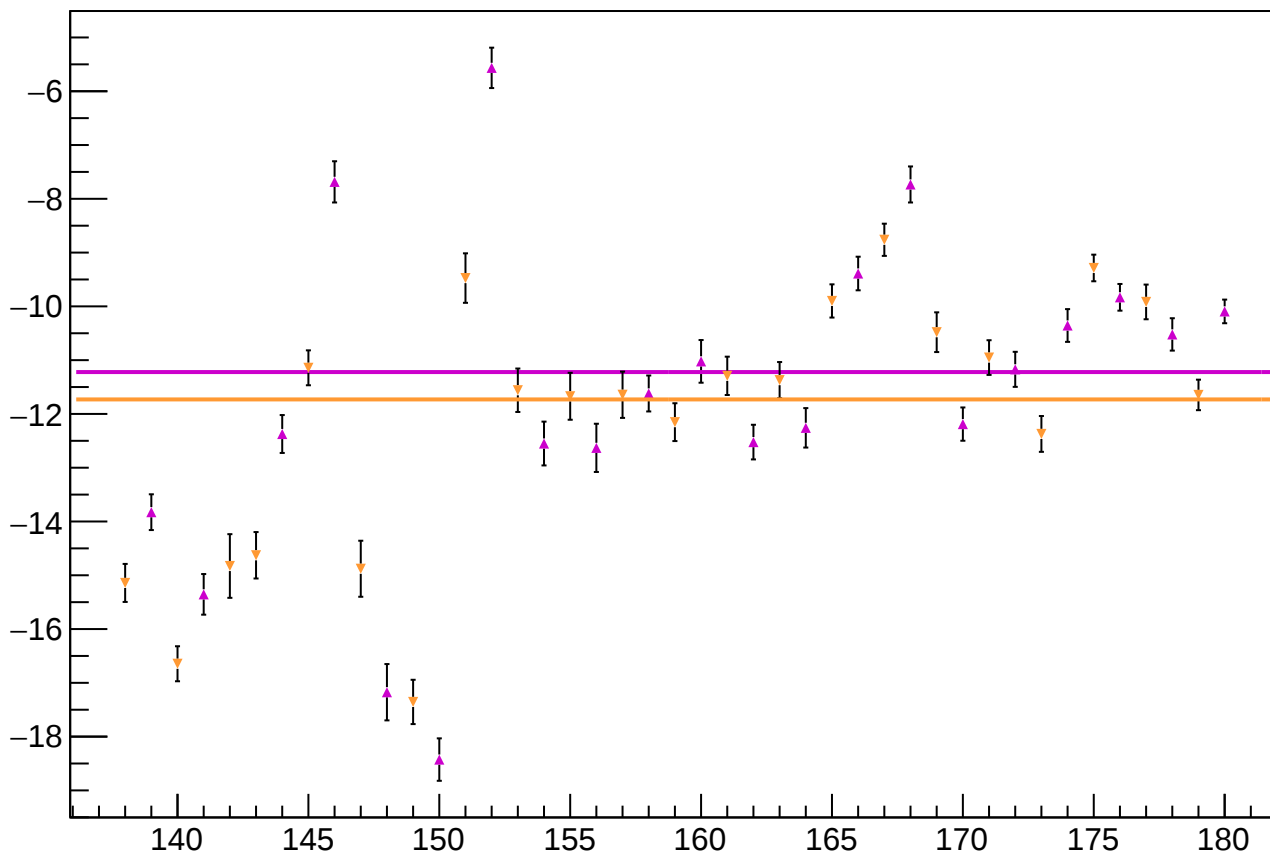
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.503 ± 0.007 χ^2/NDF : 1780.9/37

Out: -0.534 ± 0.008 χ^2/NDF : 1824.5/40

All: -0.518 ± 0.005 χ^2/NDF : 3613.9/78

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: -11.730+/-0.075 χ^2/NDF :932.1/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.222+/-0.073 χ^2/NDF :1236.9/20

Left: -11.467+/-0.052 χ^2/NDF : 2192.7/42

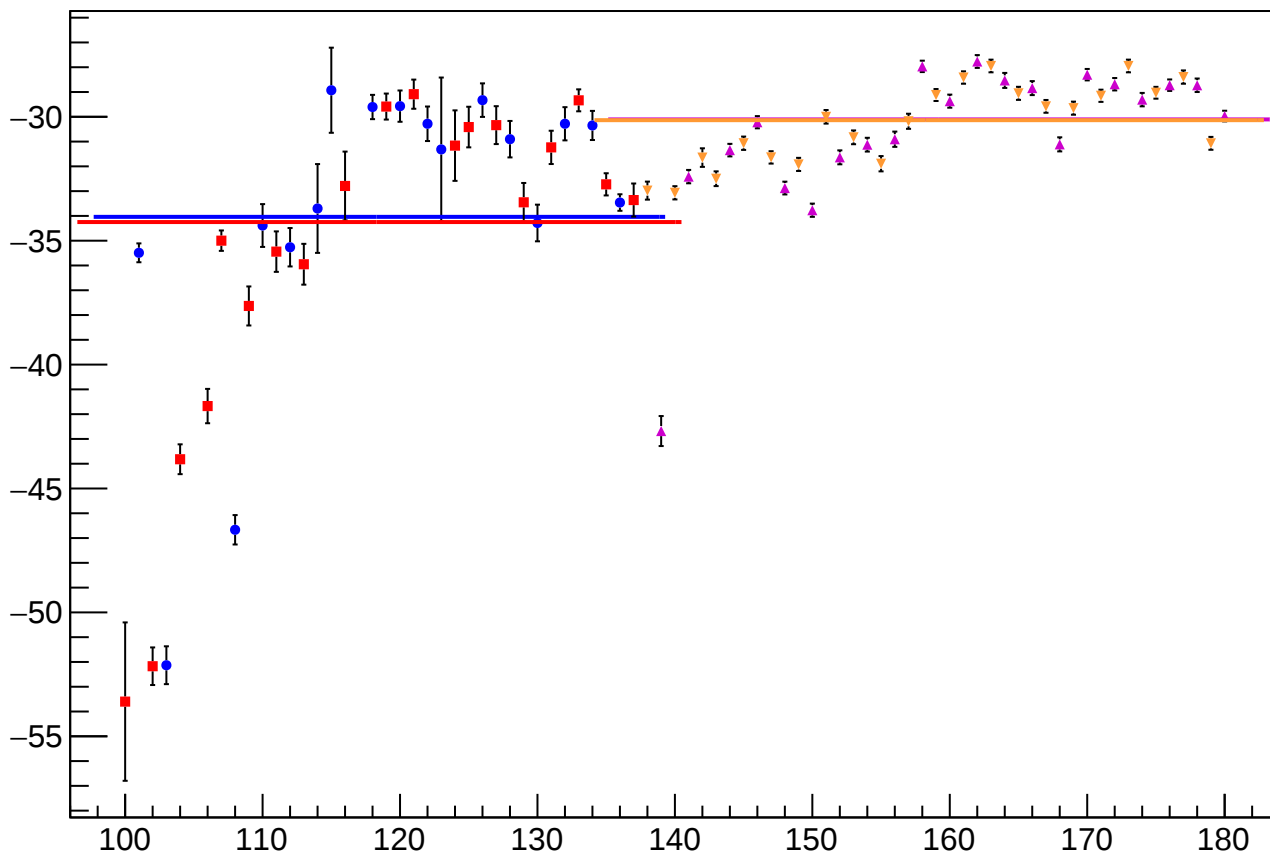
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.222+/-0.073 χ^2/NDF :1236.9/20

Out: -11.730+/-0.075 χ^2/NDF :932.1/21

All: -11.467+/-0.052 χ^2/NDF : 2192.7/42

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.136 ± 0.058 χ^2/NDF : 720.2/21

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.106 ± 0.058 χ^2/NDF : 1280.5/20

Left: -30.121 ± 0.041 χ^2/NDF : 2000.9/42

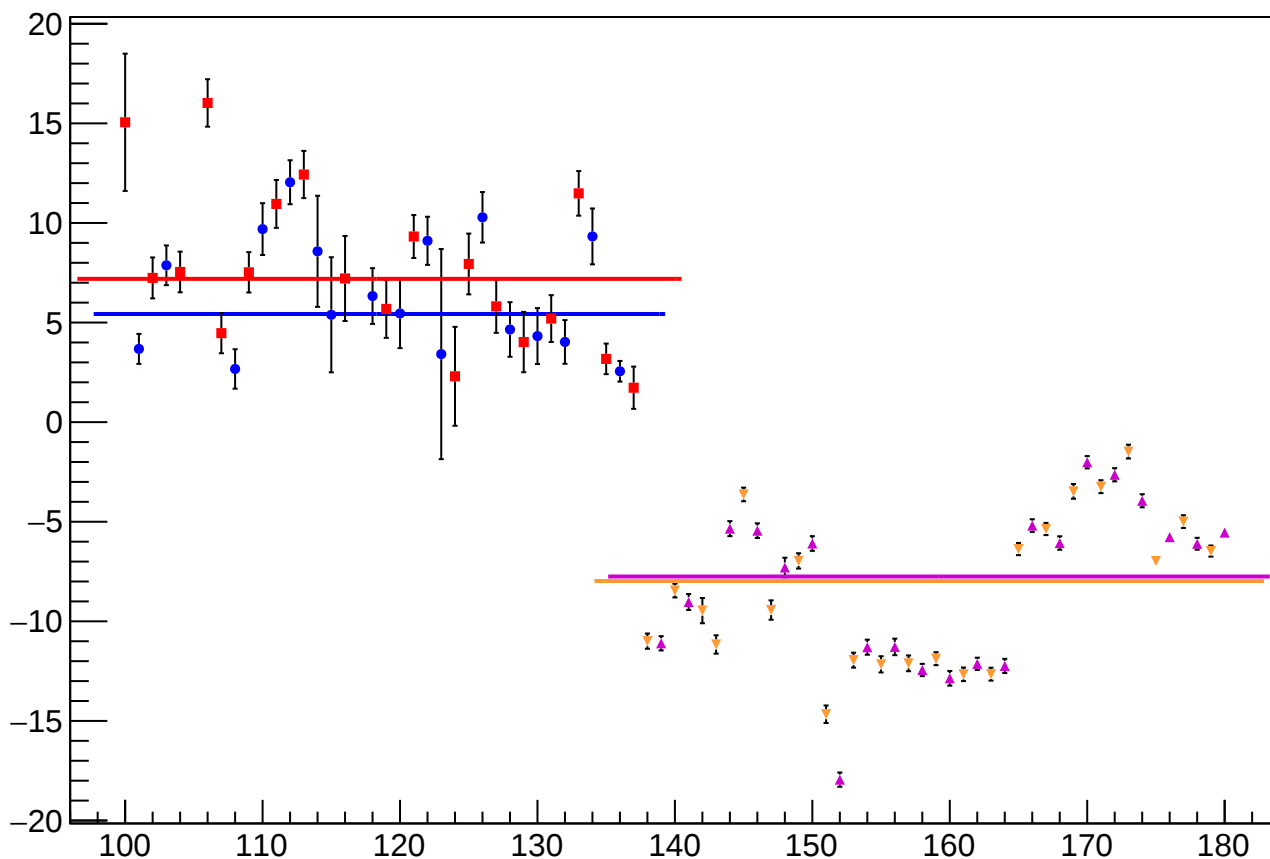
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -30.609 ± 0.054 χ^2/NDF : 3215.8/37

Out: -30.661 ± 0.054 χ^2/NDF : 2727.7/40

All: -30.635 ± 0.038 χ^2/NDF : 5943.9/78

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -7.976 ± 0.075 $\chi^2/\text{NDF}: 2335.3/21$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -7.749 ± 0.072 $\chi^2/\text{NDF}: 2942.5/20$

Left: -7.859 ± 0.052 $\chi^2/\text{NDF}: 5282.6/42$

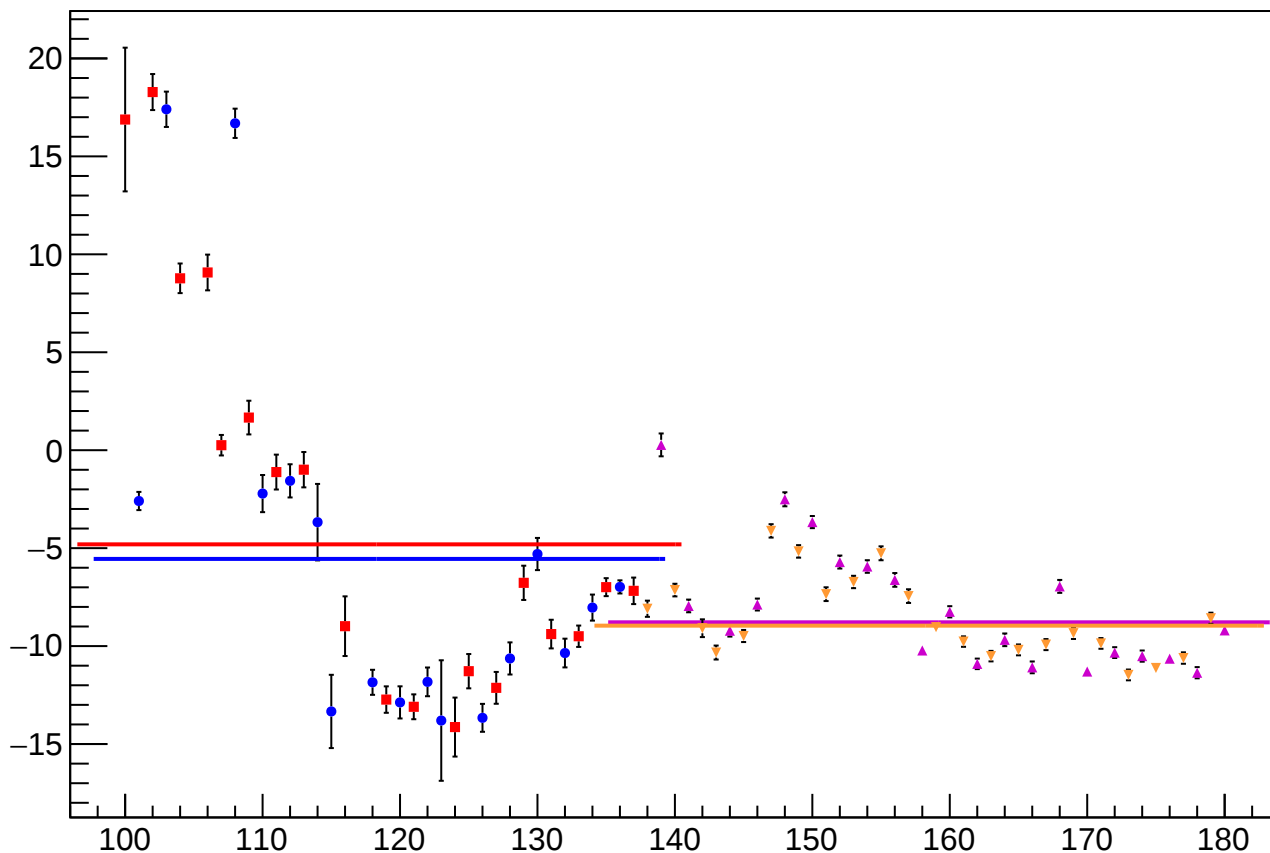
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -6.871 ± 0.070 $\chi^2/\text{NDF}: 5300.5/37$

Out: -6.928 ± 0.072 $\chi^2/\text{NDF}: 5370.8/40$

All: -6.899 ± 0.050 $\chi^2/\text{NDF}: 10671.6/78$

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: -8.956 ± 0.065 χ^2/NDF : 870.2/21

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -8.786 ± 0.064 χ^2/NDF : 1547.8/20

Left: -8.871 ± 0.046 χ^2/NDF : 2421.5/42

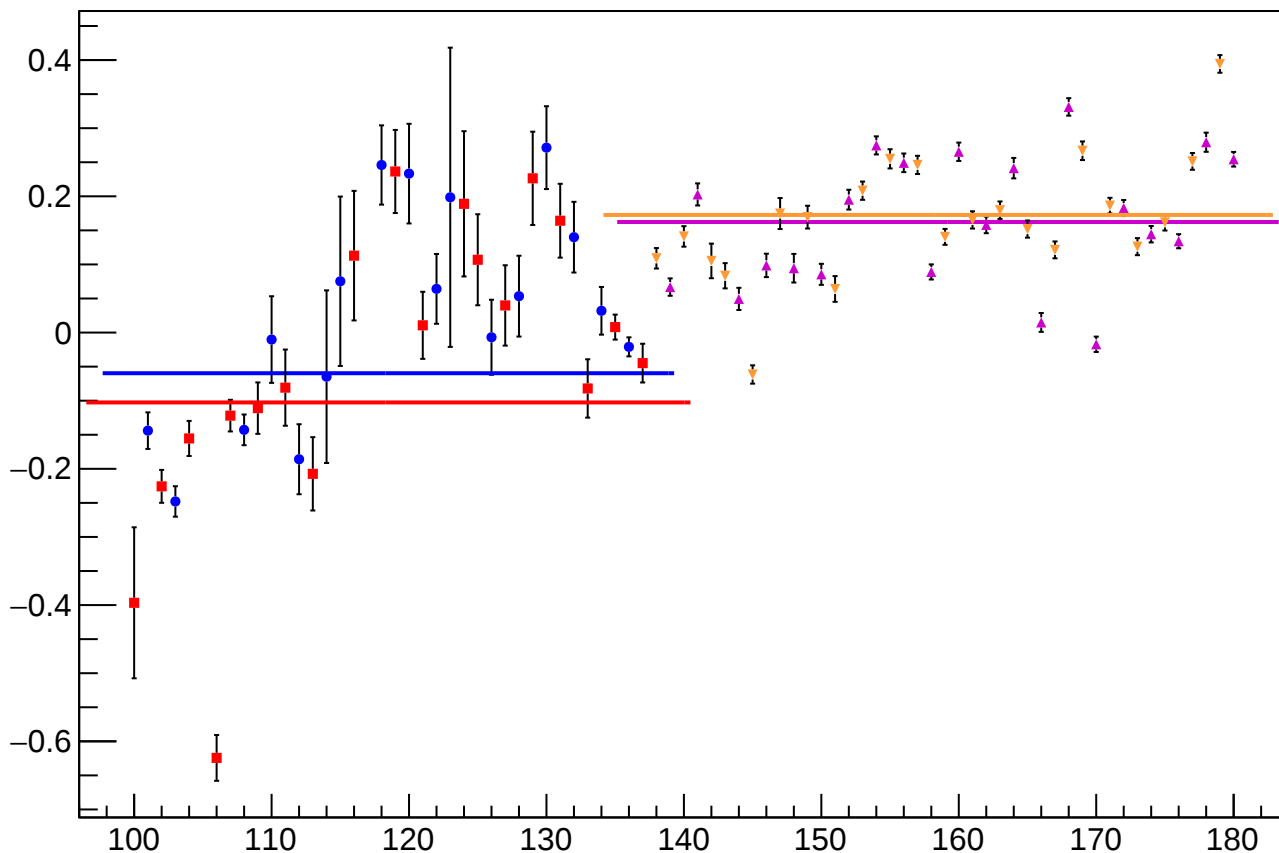
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -8.380 ± 0.060 χ^2/NDF : 3991.0/37

Out: -8.444 ± 0.061 χ^2/NDF : 3424.8/40

All: -8.412 ± 0.043 χ^2/NDF : 7416.4/78

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: 0.173 ± 0.003 χ^2/NDF : 886.2/21

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.162 ± 0.003 χ^2/NDF : 1102.4/20

Left: 0.167 ± 0.002 χ^2/NDF : 1994.9/42

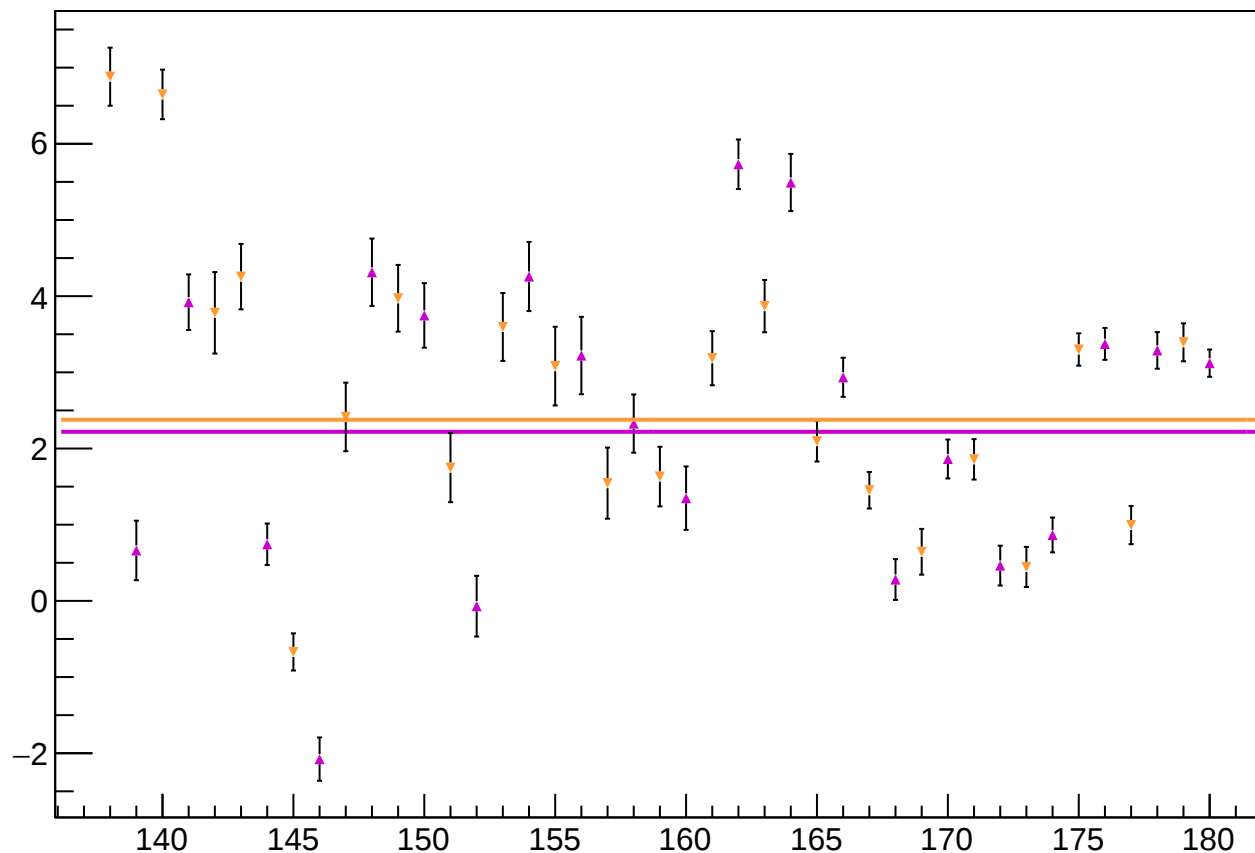
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.139 ± 0.003 χ^2/NDF : 1944.4/37

Out: 0.143 ± 0.003 χ^2/NDF : 2273.4/40

All: 0.141 ± 0.002 χ^2/NDF : 4218.7/78

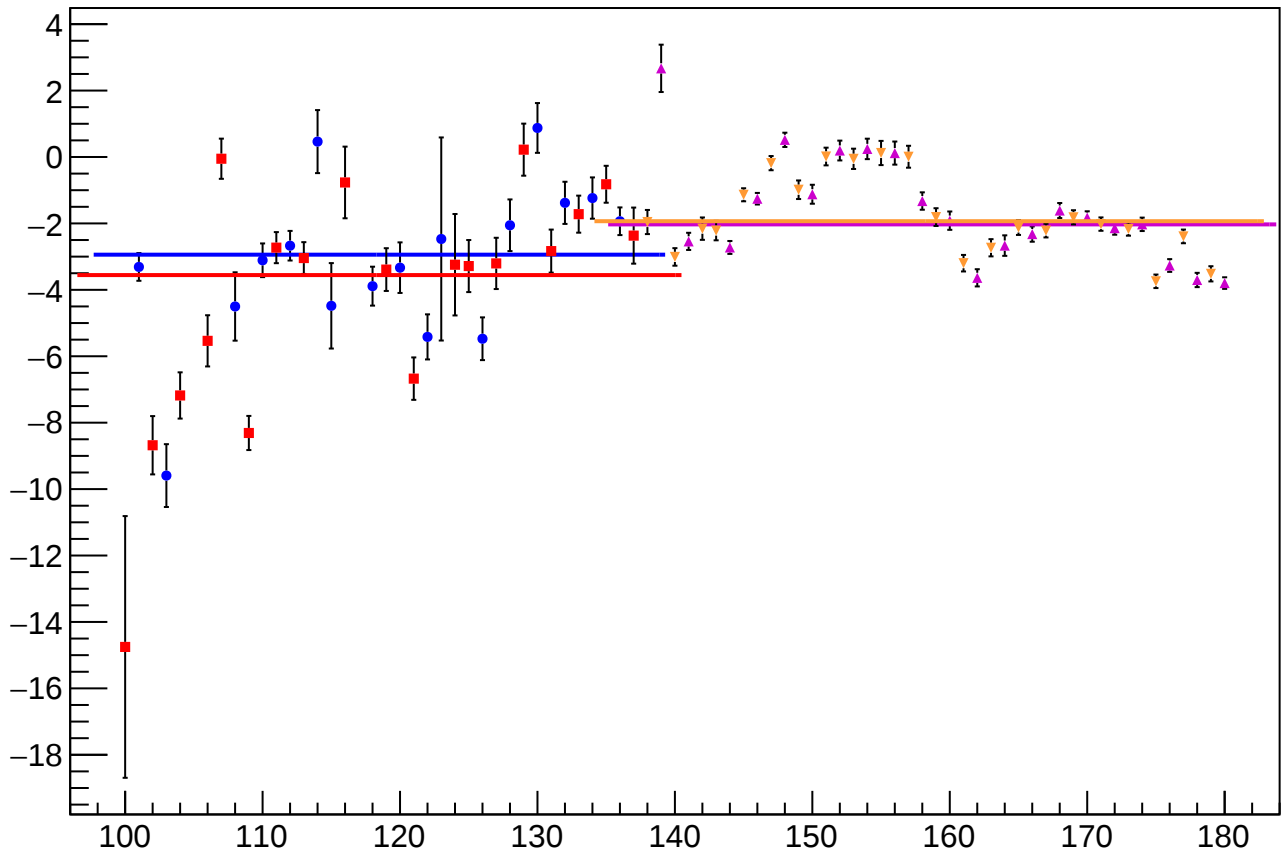
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.378+/-0.068 χ^2/NDF : 722.6/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.220+/-0.064 χ^2/NDF : 802.6/20

Left: 2.294+/-0.046 χ^2/NDF : 1528.1/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.220+/-0.064 χ^2/NDF : 802.6/20
 Out: 2.378+/-0.068 χ^2/NDF : 722.6/21
 All: 2.294+/-0.046 χ^2/NDF : 1528.1/42

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.933 ± 0.052 χ^2/NDF : 442.1/21

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -2.030 ± 0.051 χ^2/NDF : 639.5/20

Left: -1.983 ± 0.036 χ^2/NDF : 1083.4/42

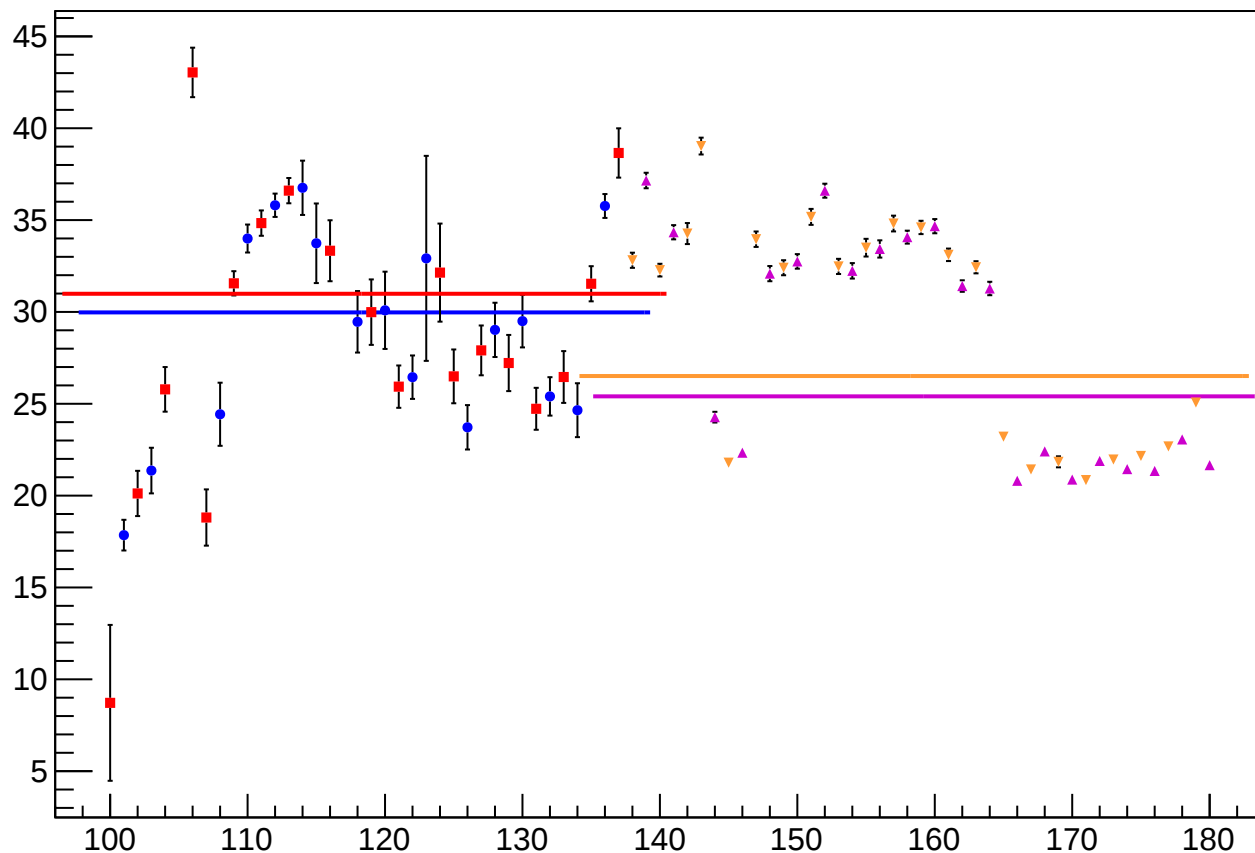
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.118 ± 0.048 χ^2/NDF : 816.6/37

Out: -2.098 ± 0.049 χ^2/NDF : 832.8/40

All: -2.108 ± 0.034 χ^2/NDF : 1649.5/78

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 26.510 $\pm$ 0.068 χ^2 /NDF: 6912.3/21

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 25.404 $\pm$ 0.064 χ^2 /NDF: 7364.3/20

Left: 25.926 $\pm$ 0.046 χ^2 /NDF: 14418.0/42

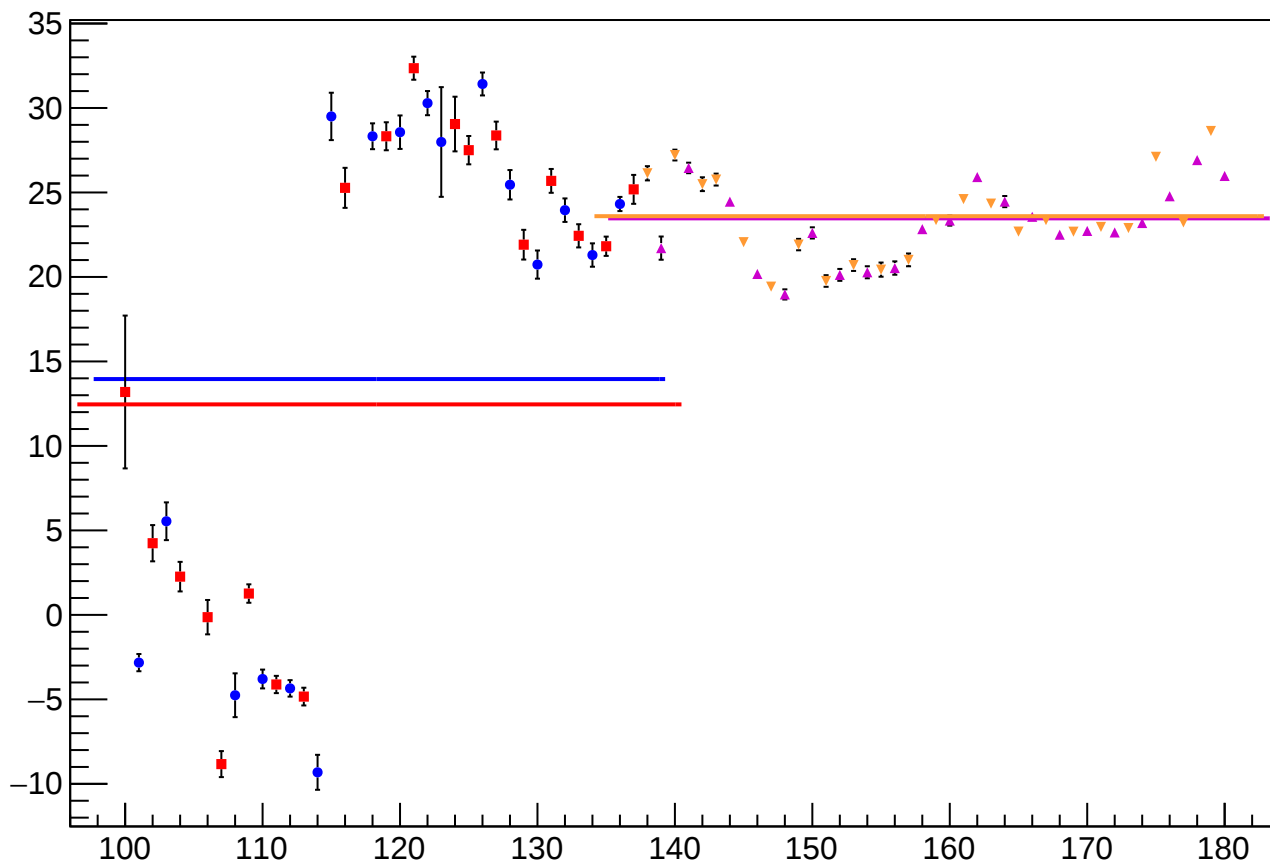
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 25.651 $\pm$ 0.062 χ^2 /NDF: 8194.9/37

Out: 26.794 $\pm$ 0.065 χ^2 /NDF: 7671.3/40

All: 26.193 $\pm$ 0.045 χ^2 /NDF: 16026.7/78

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 23.597 $\pm$ 0.058 χ^2 /NDF:1539.2/21

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 23.467 $\pm$ 0.057 χ^2 /NDF:1390.4/20

Left: 23.530 $\pm$ 0.041 χ^2 /NDF: 2932.2/42

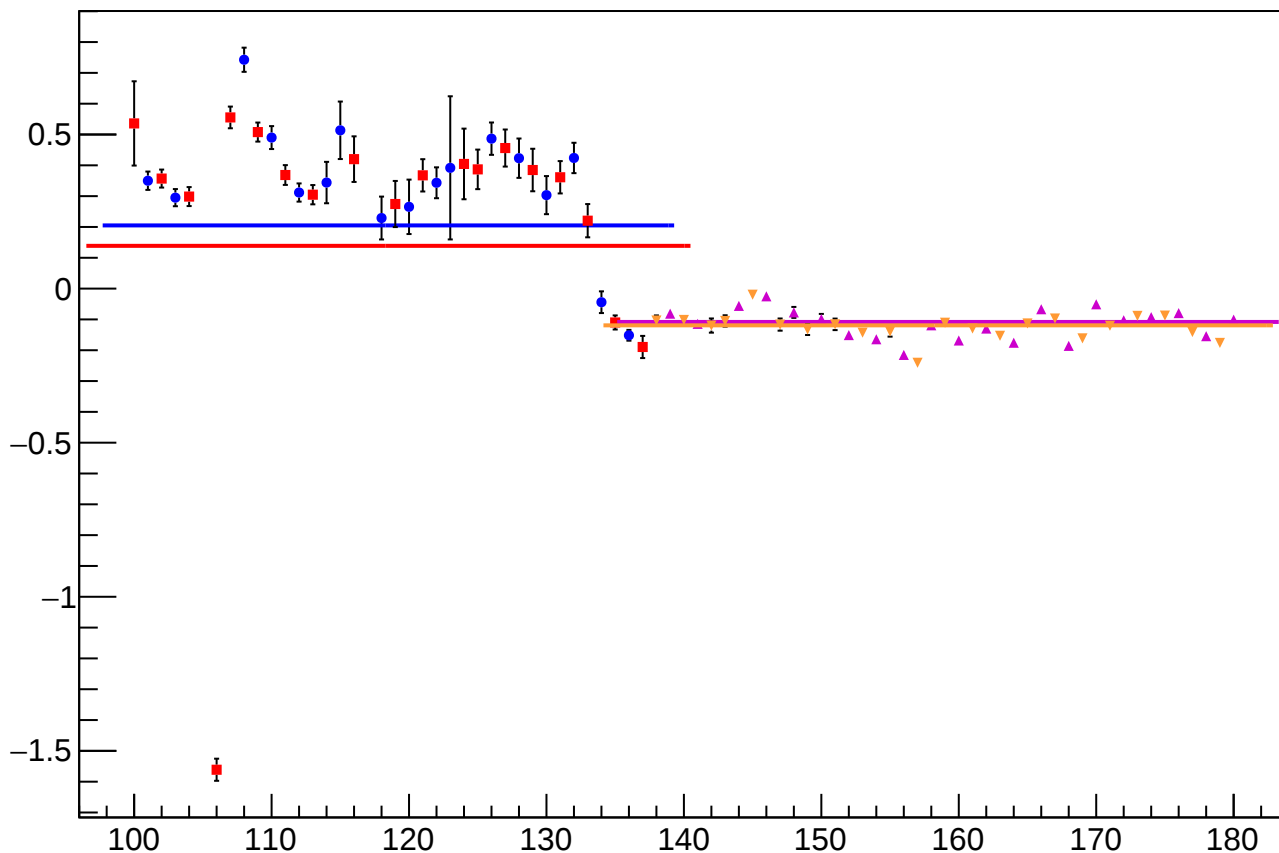
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 22.537 $\pm$ 0.054 χ^2 /NDF:11487.4/37

Out: 22.461 $\pm$ 0.055 χ^2 /NDF:12215.7/40

All: 22.500 $\pm$ 0.039 χ^2 /NDF: 23704.1/78

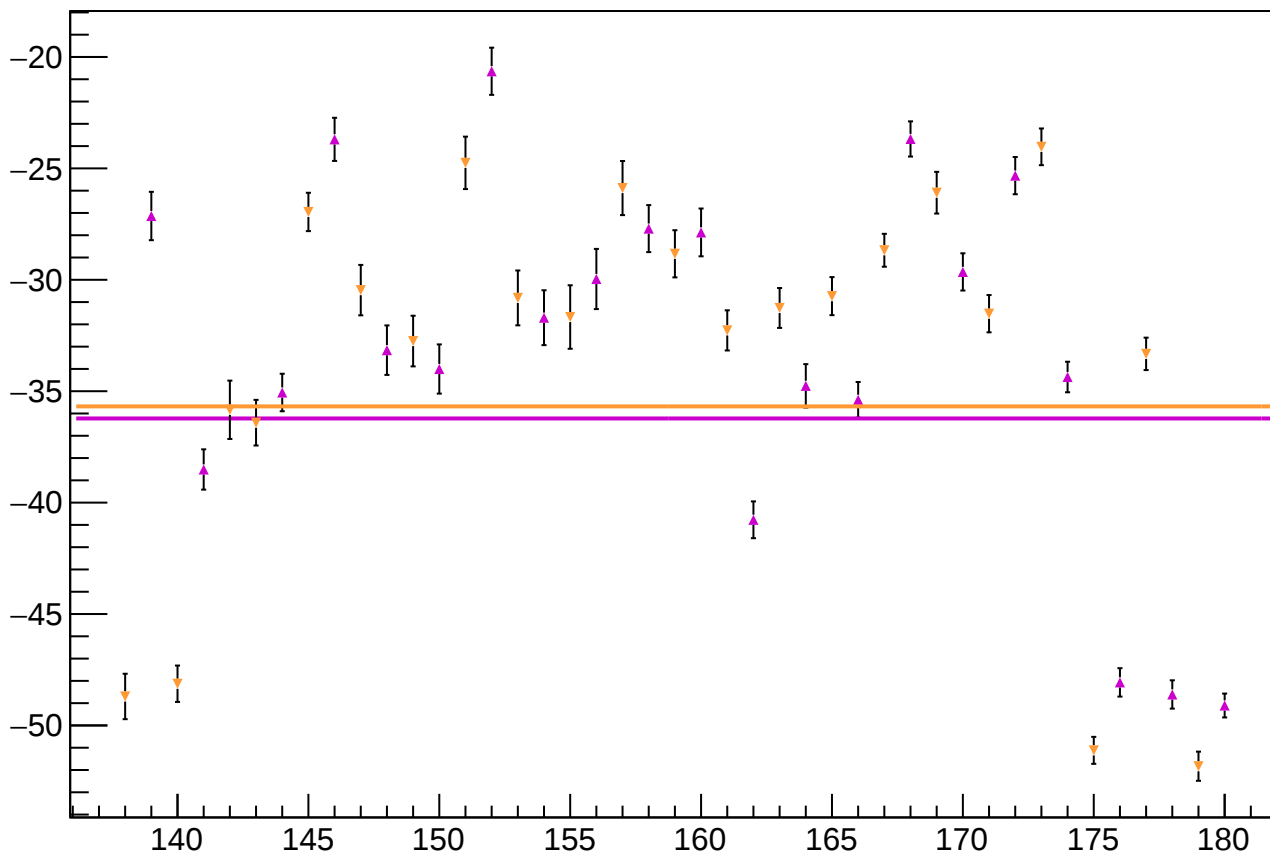
reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$
 Left Out: -0.119 ± 0.003 $\chi^2/\text{NDF}: 250.0/21$
 Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$
 Left In: -0.108 ± 0.003 $\chi^2/\text{NDF}: 318.2/20$

Left: -0.114 ± 0.002 $\chi^2/\text{NDF}: 576.9/42$
 Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$
 In: -0.086 ± 0.002 $\chi^2/\text{NDF}: 2202.9/37$
 Out: -0.099 ± 0.003 $\chi^2/\text{NDF}: 3991.7/40$
 All: -0.092 ± 0.002 $\chi^2/\text{NDF}: 6207.6/78$

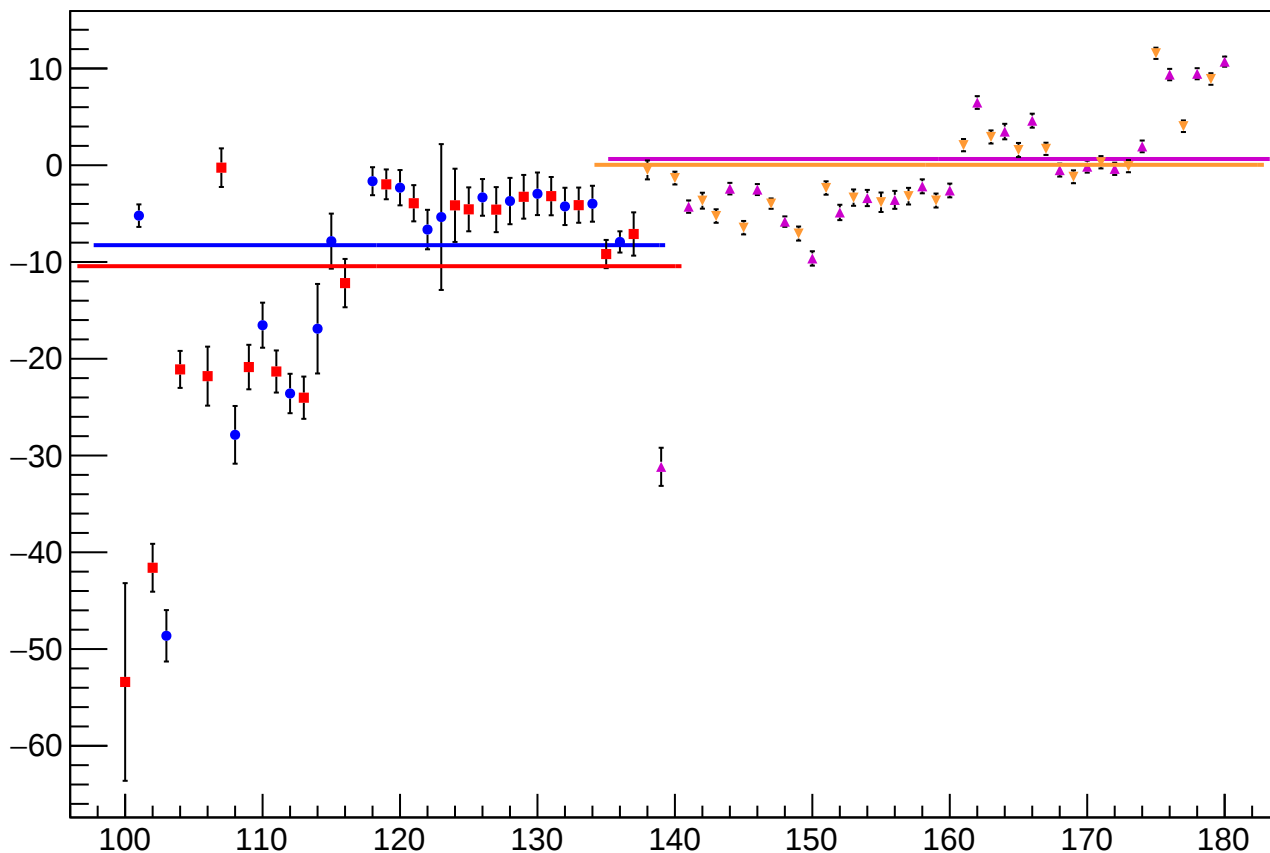
reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -35.682 ± 0.192 $\chi^2/\text{NDF}: 2505.8/21$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -36.223 ± 0.185 $\chi^2/\text{NDF}: 2464.2/20$

Left: -35.963 ± 0.133 $\chi^2/\text{NDF}: 4974.1/42$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -36.223 ± 0.185 $\chi^2/\text{NDF}: 2464.2/20$
 Out: -35.682 ± 0.192 $\chi^2/\text{NDF}: 2505.8/21$
 All: -35.963 ± 0.133 $\chi^2/\text{NDF}: 4974.1/42$

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: 0.042 ± 0.146 χ^2/NDF : 1104.4/21

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: 0.645 ± 0.145 χ^2/NDF : 1798.7/20

Left: 0.345 ± 0.103 χ^2/NDF : 2911.7/42

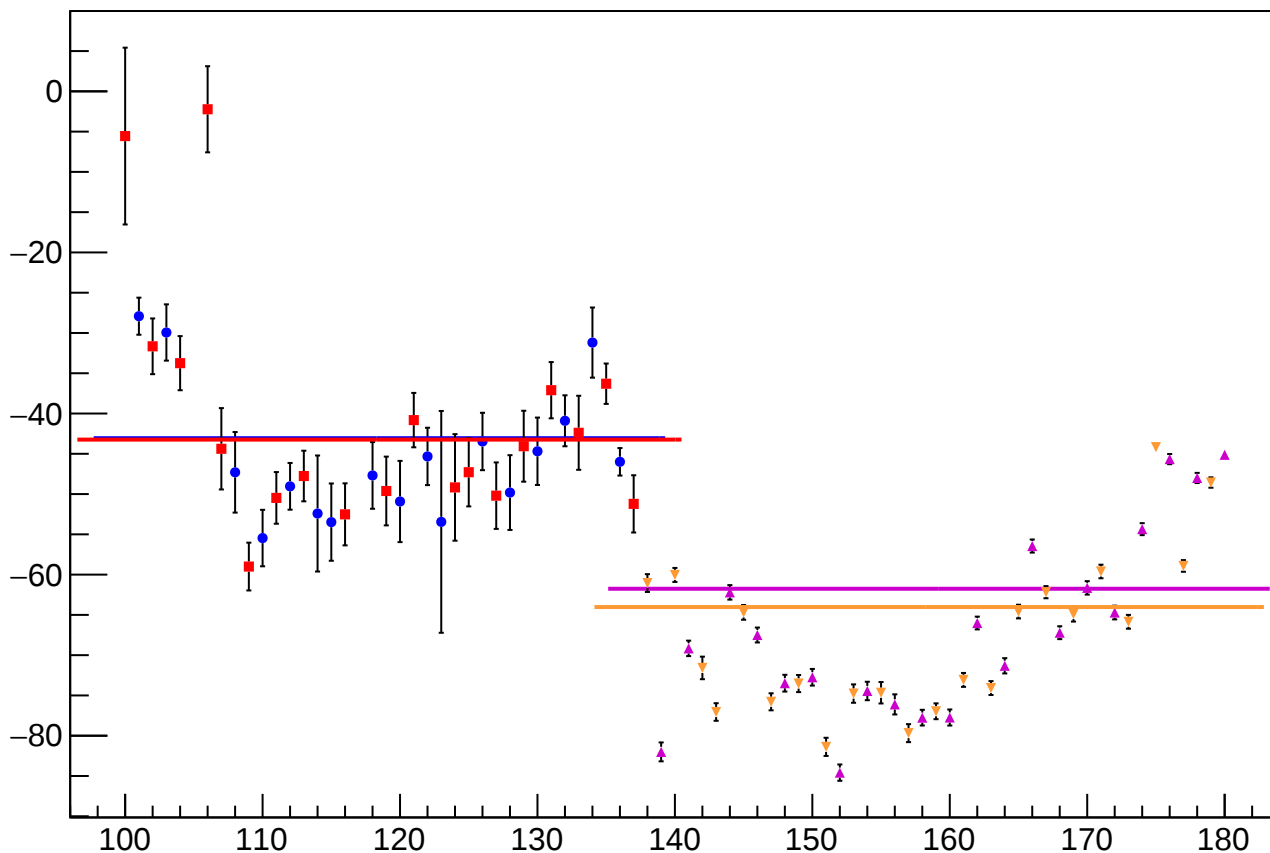
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -0.156 ± 0.139 χ^2/NDF : 2547.9/37

Out: -0.811 ± 0.140 χ^2/NDF : 1951.8/40

All: -0.481 ± 0.099 χ^2/NDF : 4510.8/78

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: -64.025 ± 0.192 $\chi^2/\text{NDF}: 3149.2/21$
 Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -61.754 ± 0.184 $\chi^2/\text{NDF}: 4354.9/20$

Left: -62.845 ± 0.133 $\chi^2/\text{NDF}: 7577.0/42$

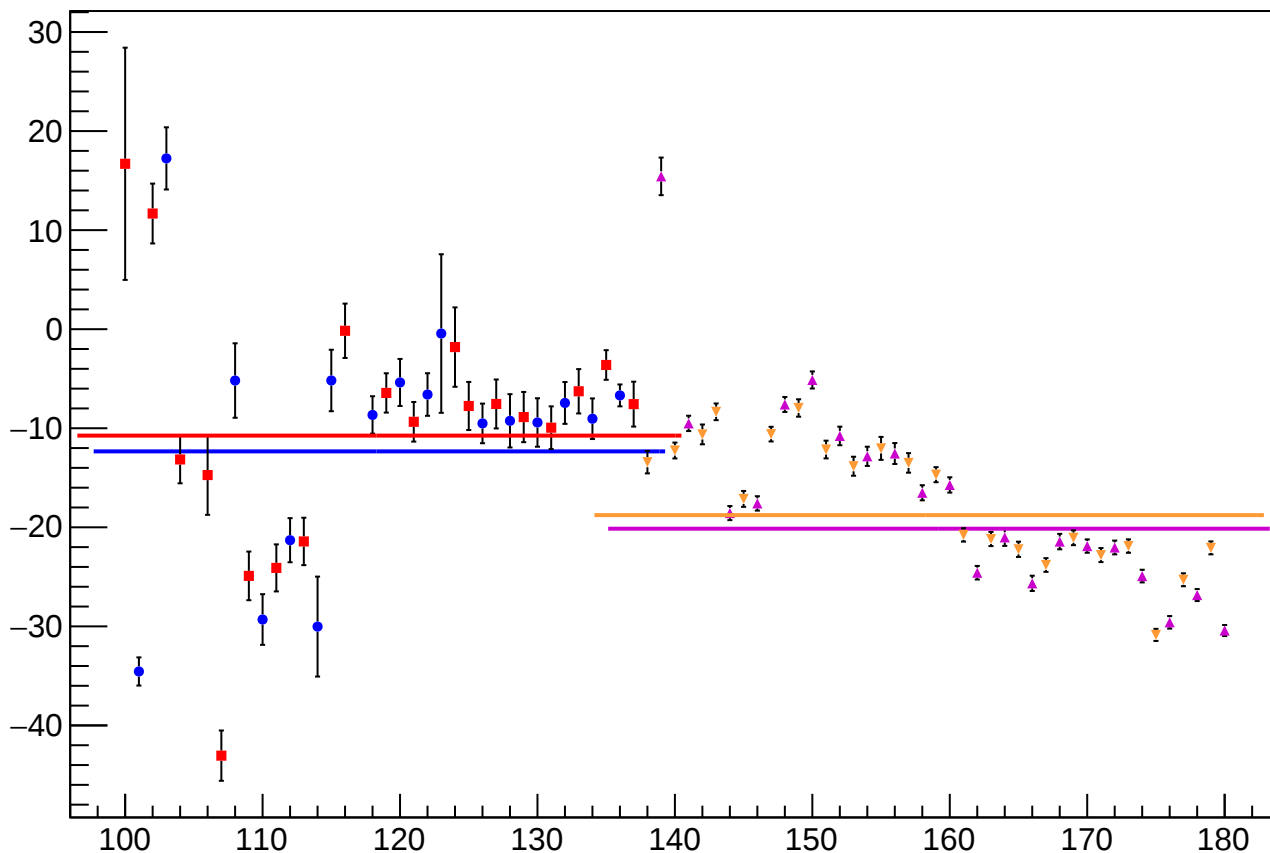
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -60.886 ± 0.180 $\chi^2/\text{NDF}: 4931.3/37$

Out: -63.054 ± 0.187 $\chi^2/\text{NDF}: 3852.7/40$

All: -61.928 ± 0.130 $\chi^2/\text{NDF}: 8853.7/78$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -18.770 ± 0.166 $\chi^2/\text{NDF}: 1432.7/21$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -20.140 ± 0.164 $\chi^2/\text{NDF}: 2252.8/20$

Left: -19.463 ± 0.116 $\chi^2/\text{NDF}: 3720.1/42$

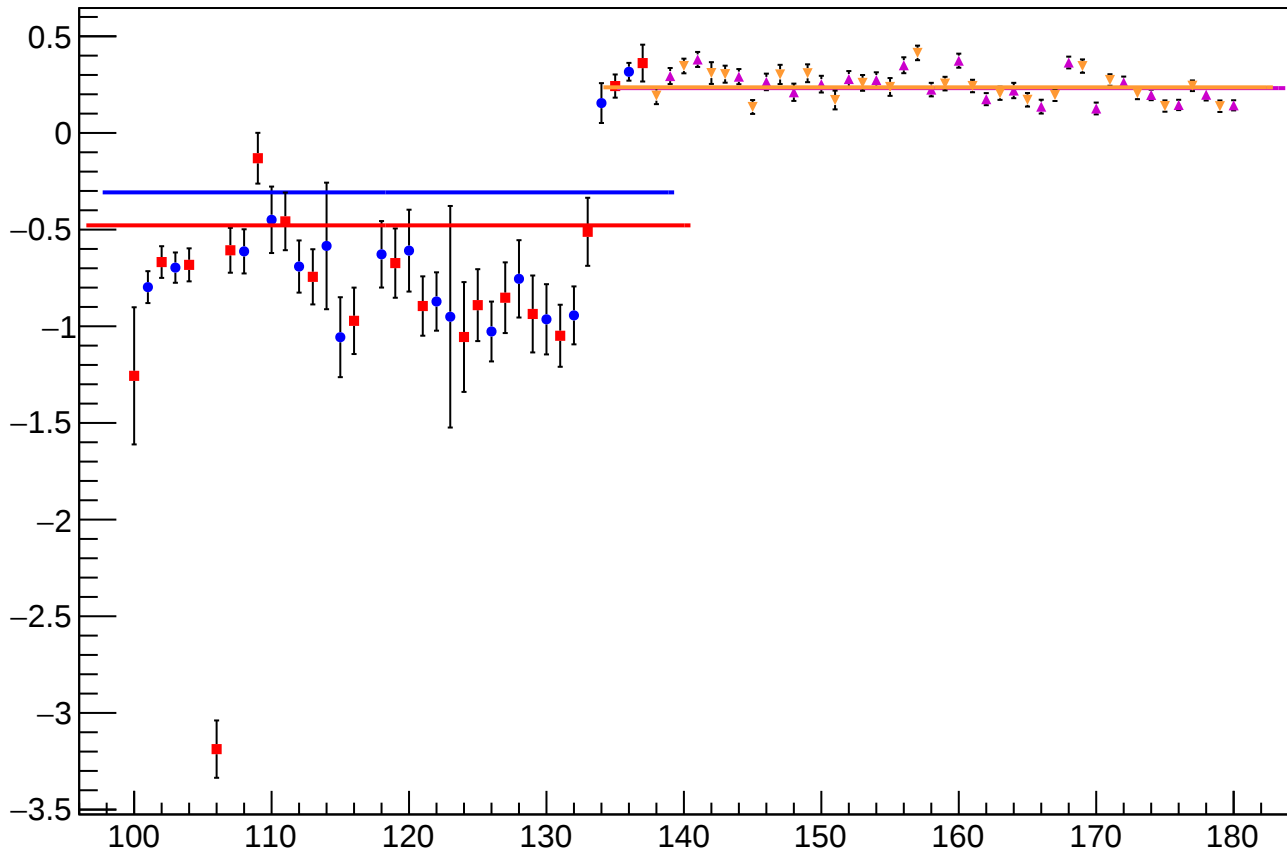
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -19.438 ± 0.156 $\chi^2/\text{NDF}: 2932.6/37$

Out: -18.109 ± 0.159 $\chi^2/\text{NDF}: 1992.8/40$

All: -18.785 ± 0.111 $\chi^2/\text{NDF}: 4961.1/78$

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: 0.236 ± 0.008 χ^2/NDF : 90.9/21

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.232 ± 0.007 χ^2/NDF : 113.4/20

Left: 0.234 ± 0.005 χ^2/NDF : 204.5/42

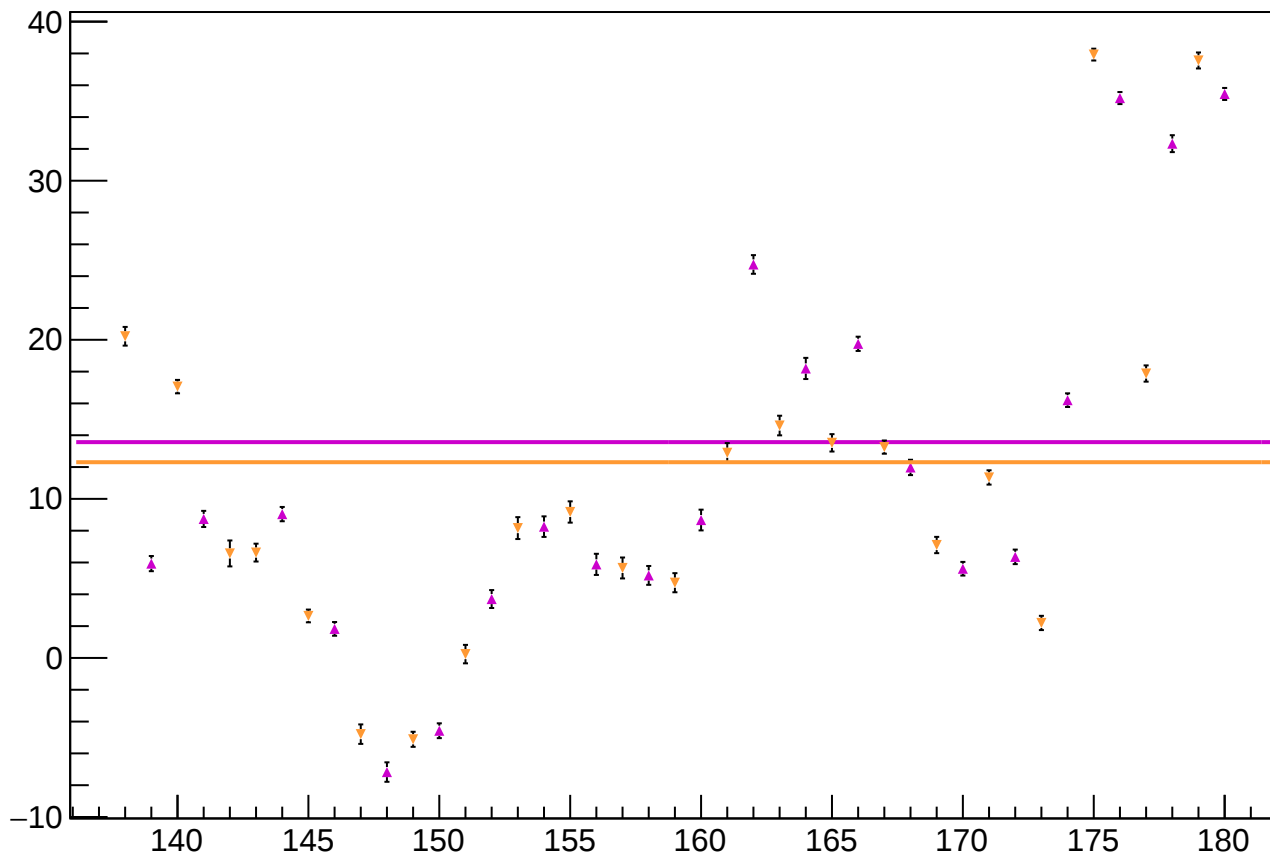
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.195 ± 0.007 χ^2/NDF : 842.8/37

Out: 0.188 ± 0.007 χ^2/NDF : 1306.5/40

All: 0.191 ± 0.005 χ^2/NDF : 2149.7/78

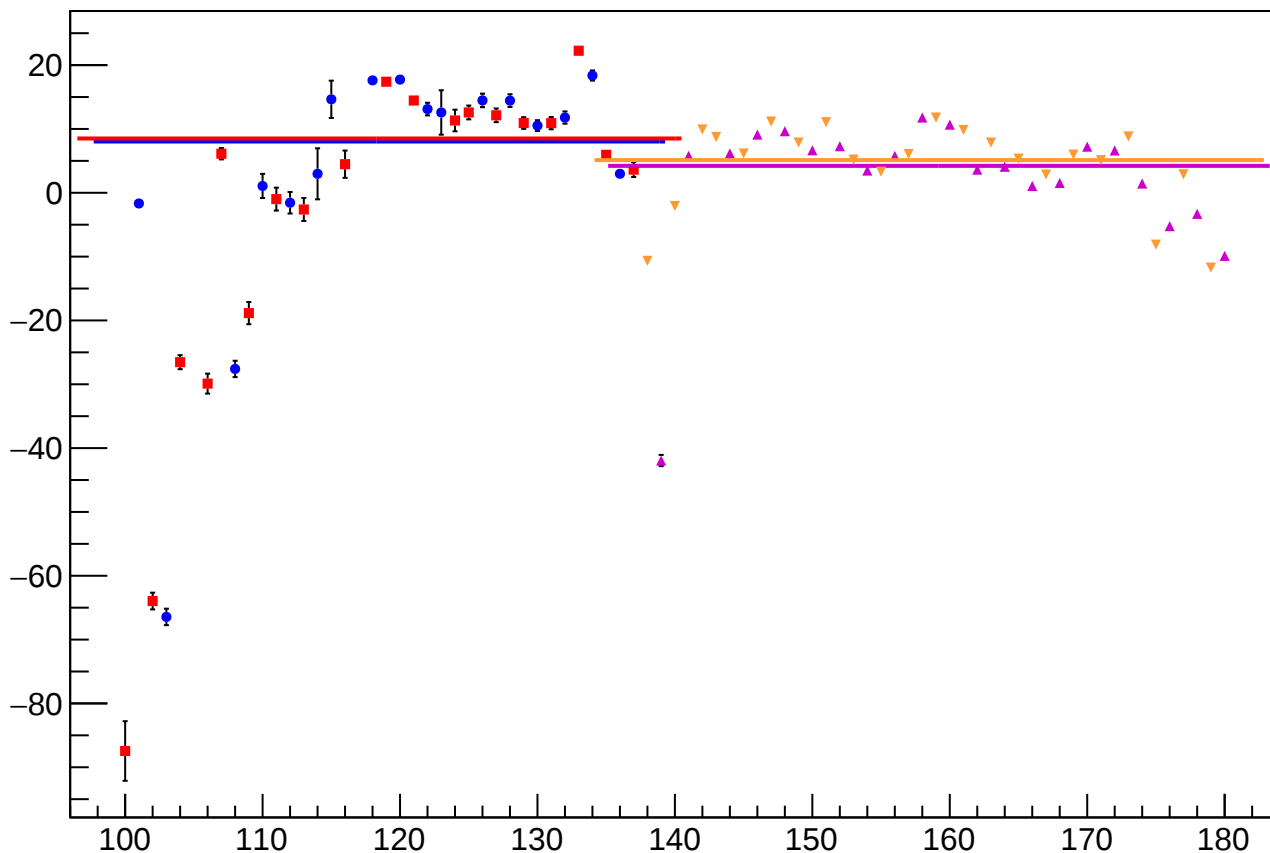
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 12.305 $\pm$ 0.110 χ^2 /NDF:11938.0/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.566 $\pm$ 0.108 χ^2 /NDF:13711.3/20

Left: 12.952 $\pm$ 0.077 χ^2 /NDF: 25716.4/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.566 $\pm$ 0.108 χ^2 /NDF:13711.3/20
 Out: 12.305 $\pm$ 0.110 χ^2 /NDF:11938.0/21
 All: 12.952 $\pm$ 0.077 χ^2 /NDF: 25716.4/42

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 5.119 ± 0.083 $\chi^2/\text{NDF}: 5415.7/21$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

Left In: 4.219 ± 0.083 $\chi^2/\text{NDF}: 6842.4/20$

Left: 4.672 ± 0.059 $\chi^2/\text{NDF}: 12316.8/42$

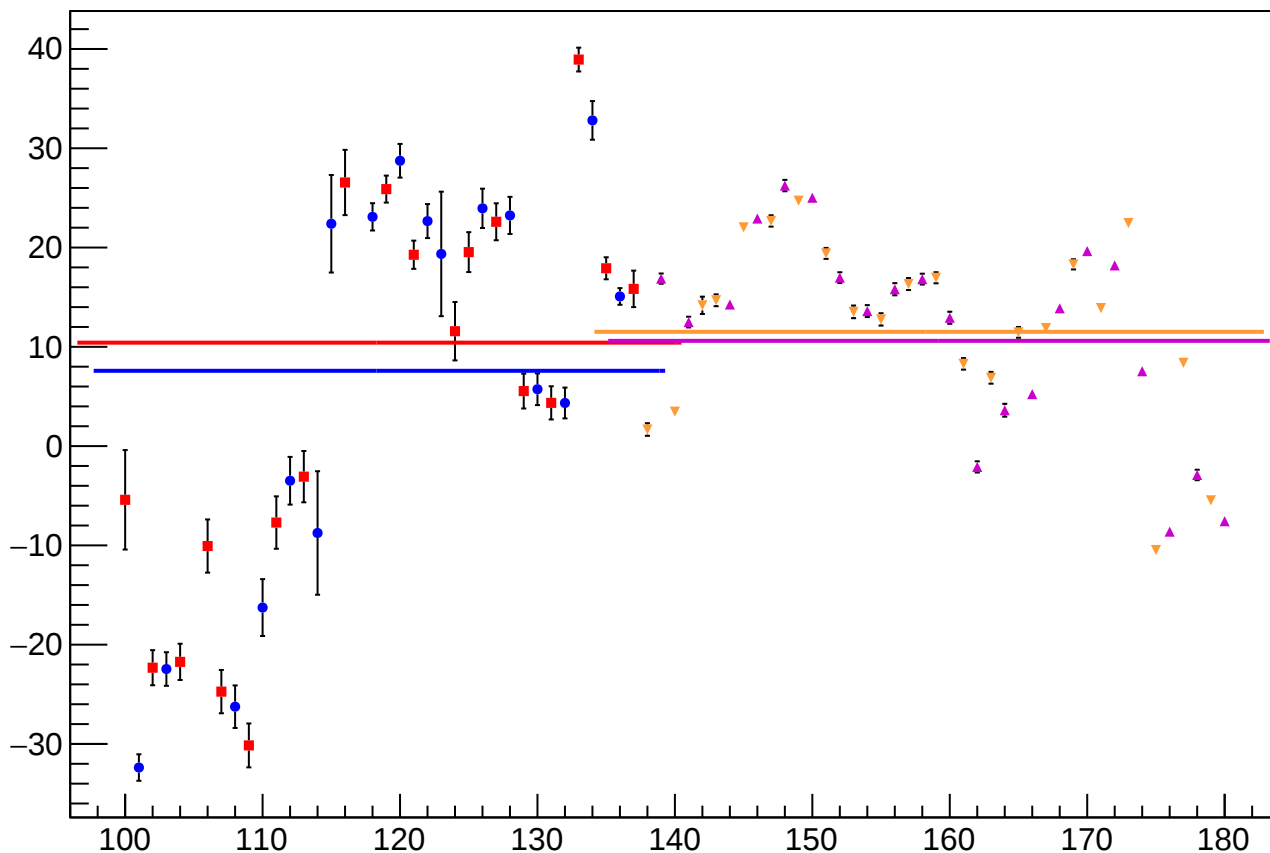
Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

In: 4.717 ± 0.078 $\chi^2/\text{NDF}: 12485.9/37$

Out: 5.565 ± 0.077 $\chi^2/\text{NDF}: 12349.1/40$

All: 5.144 ± 0.055 $\chi^2/\text{NDF}: 24894.8/78$

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: 11.513 $\pm$ 0.110 χ^2 /NDF:8403.5/21

Right Out: 10.422 $\pm$ 0.416 χ^2 /NDF: 2289.5/18

Left In: 10.603 $\pm$ 0.107 χ^2 /NDF:10484.2/20

Left: 11.045 $\pm$ 0.077 χ^2 /NDF: 18922.9/42

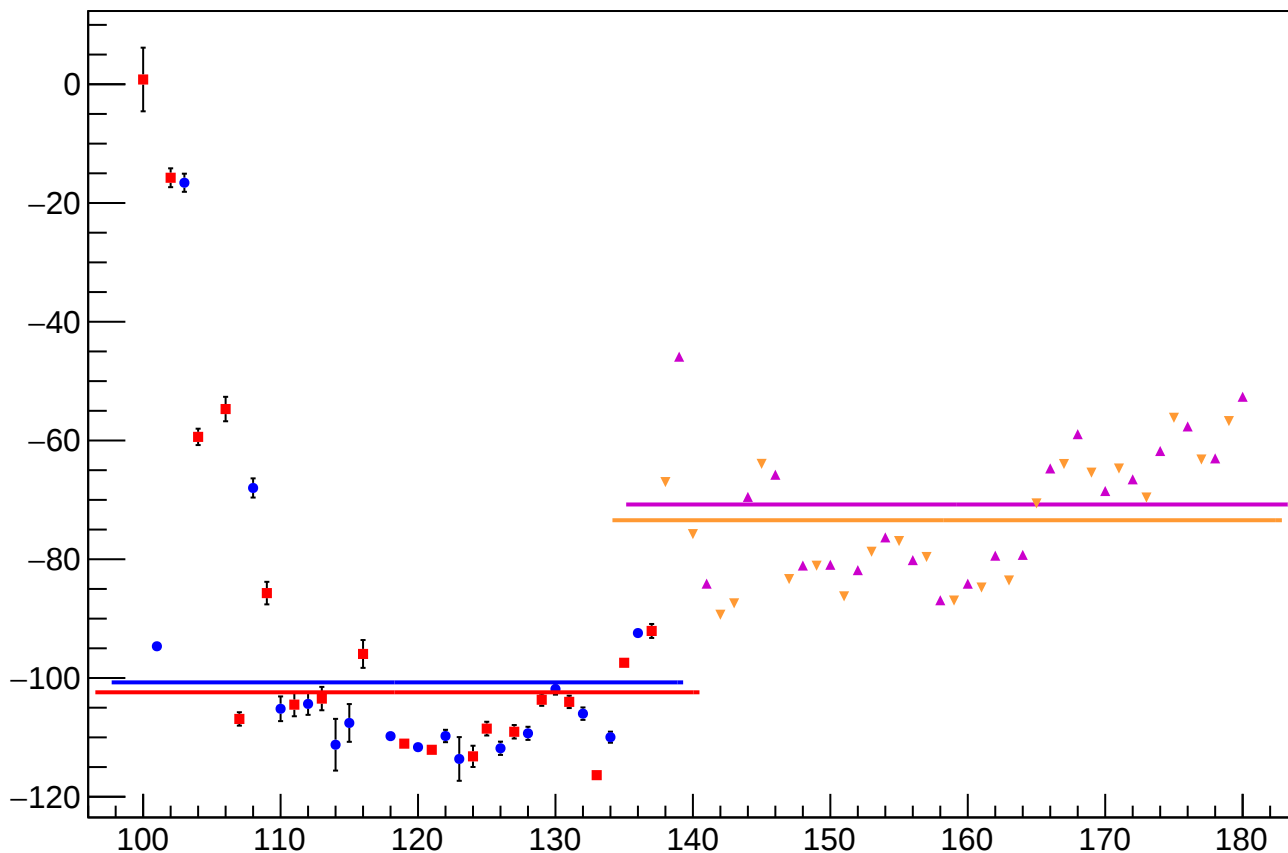
Right: 9.004 $\pm$ 0.294 χ^2 /NDF: 4635.5/35

In: 10.416 $\pm$ 0.104 χ^2 /NDF:12856.2/37

Out: 11.441 $\pm$ 0.106 χ^2 /NDF:10699.4/40

All: 10.915 $\pm$ 0.074 χ^2 /NDF: 23603.4/78

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -73.429 ± 0.095 $\chi^2/\text{NDF}: 11793.3/21$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -70.775 ± 0.094 $\chi^2/\text{NDF}: 12093.5/20$

Left: -72.100 ± 0.067 $\chi^2/\text{NDF}: 24280.7/42$

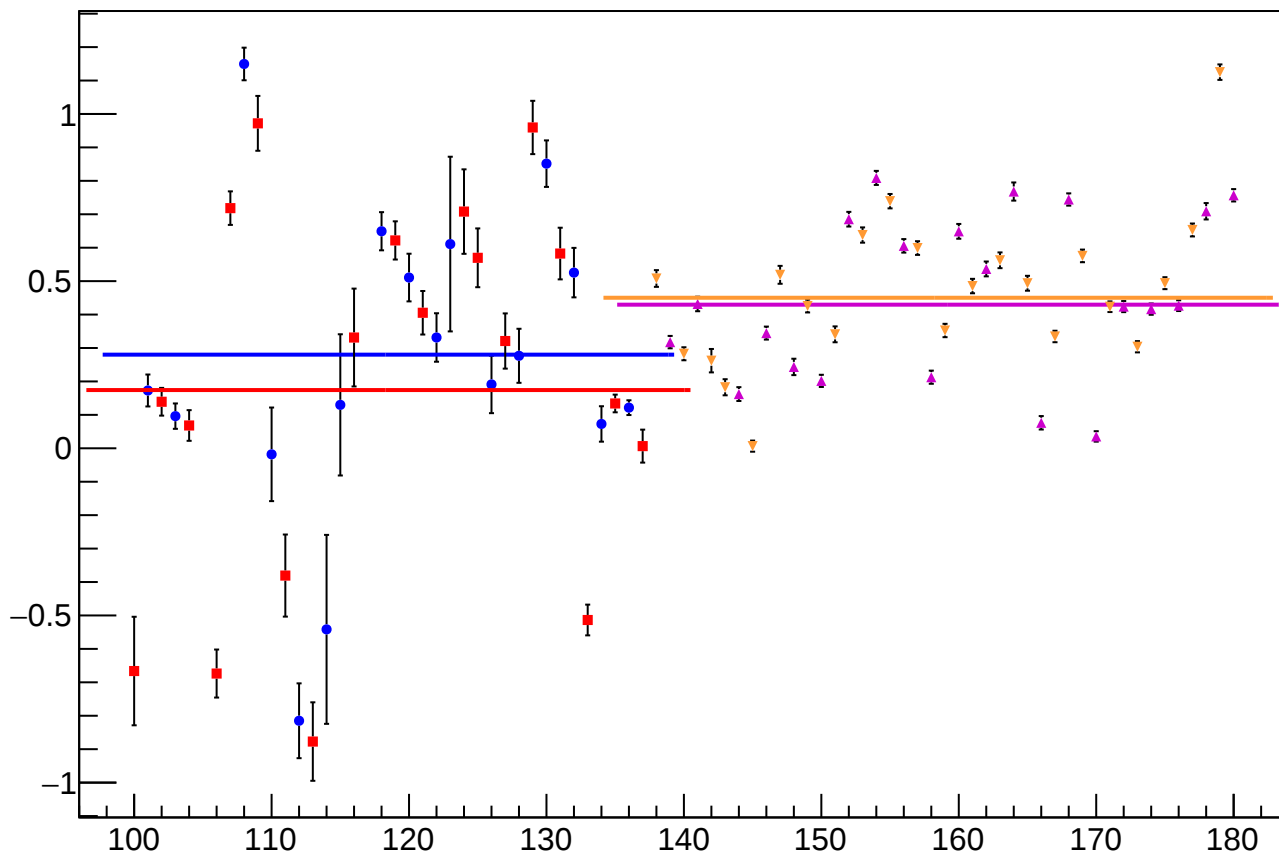
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -74.565 ± 0.088 $\chi^2/\text{NDF}: 29331.5/37$

Out: -77.167 ± 0.088 $\chi^2/\text{NDF}: 29982.3/40$

All: -75.866 ± 0.062 $\chi^2/\text{NDF}: 59748.0/78$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.450 ± 0.004 χ^2/NDF : 2456.9/21

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.430 ± 0.004 χ^2/NDF : 3050.1/20

Left: 0.440 ± 0.003 χ^2/NDF : 5518.5/42

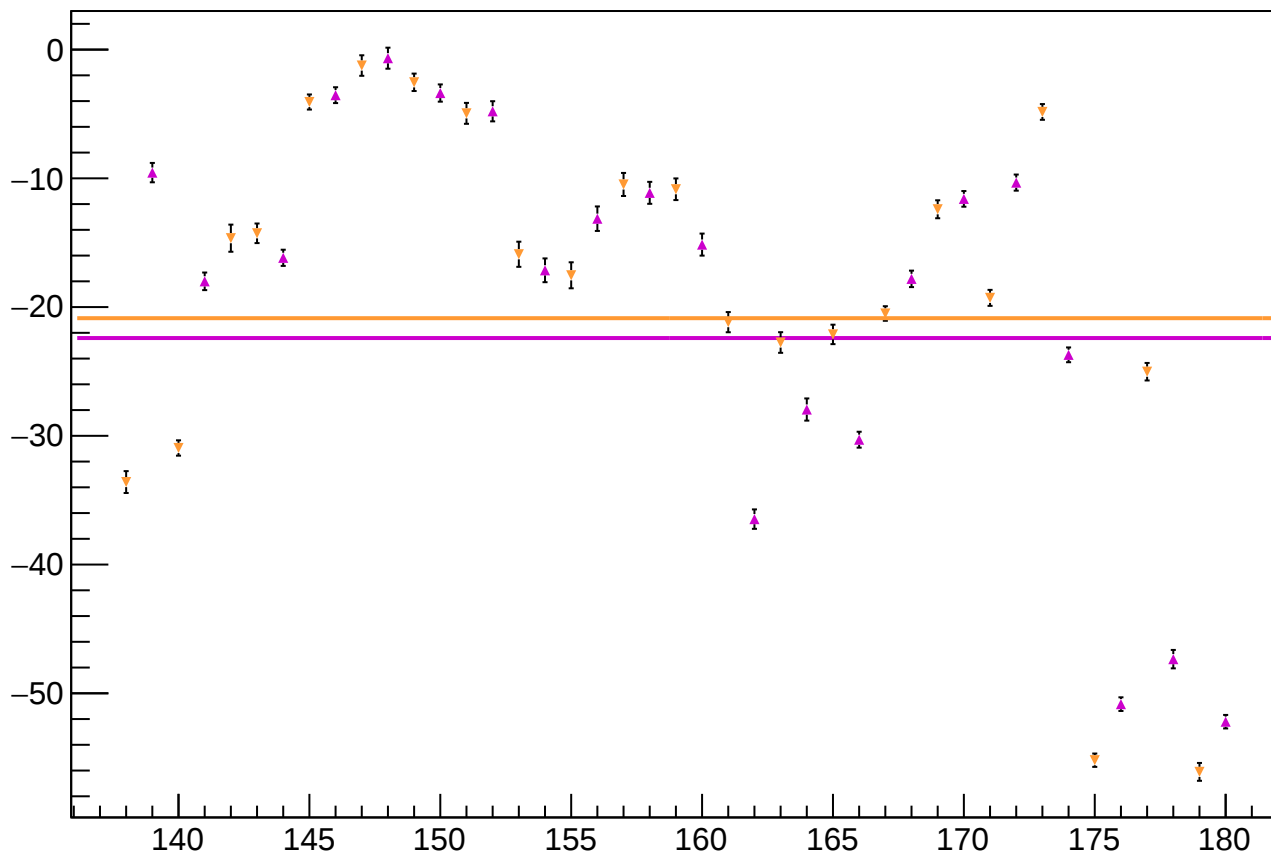
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.416 ± 0.004 χ^2/NDF : 3818.3/37

Out: 0.424 ± 0.004 χ^2/NDF : 3802.9/40

All: 0.420 ± 0.003 χ^2/NDF : 7623.1/78

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: -20.863+/-0.152 χ^2/NDF :11333.7/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.405+/-0.149 χ^2/NDF :12368.6/20

Left: -21.652+/-0.107 χ^2/NDF : 23754.7/42

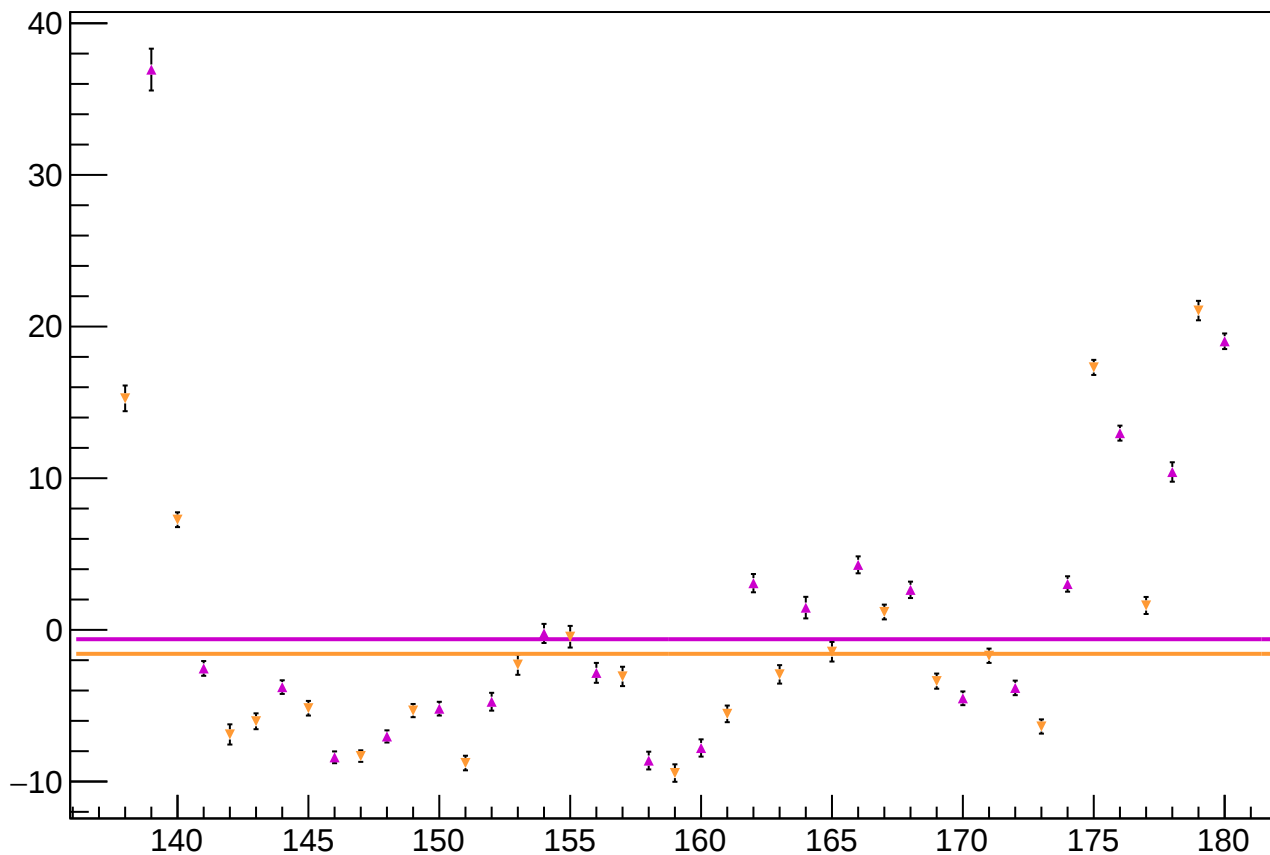
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.405+/-0.149 χ^2/NDF :12368.6/20

Out: -20.863+/-0.152 χ^2/NDF :11333.7/21

All: -21.652+/-0.107 χ^2/NDF : 23754.7/42

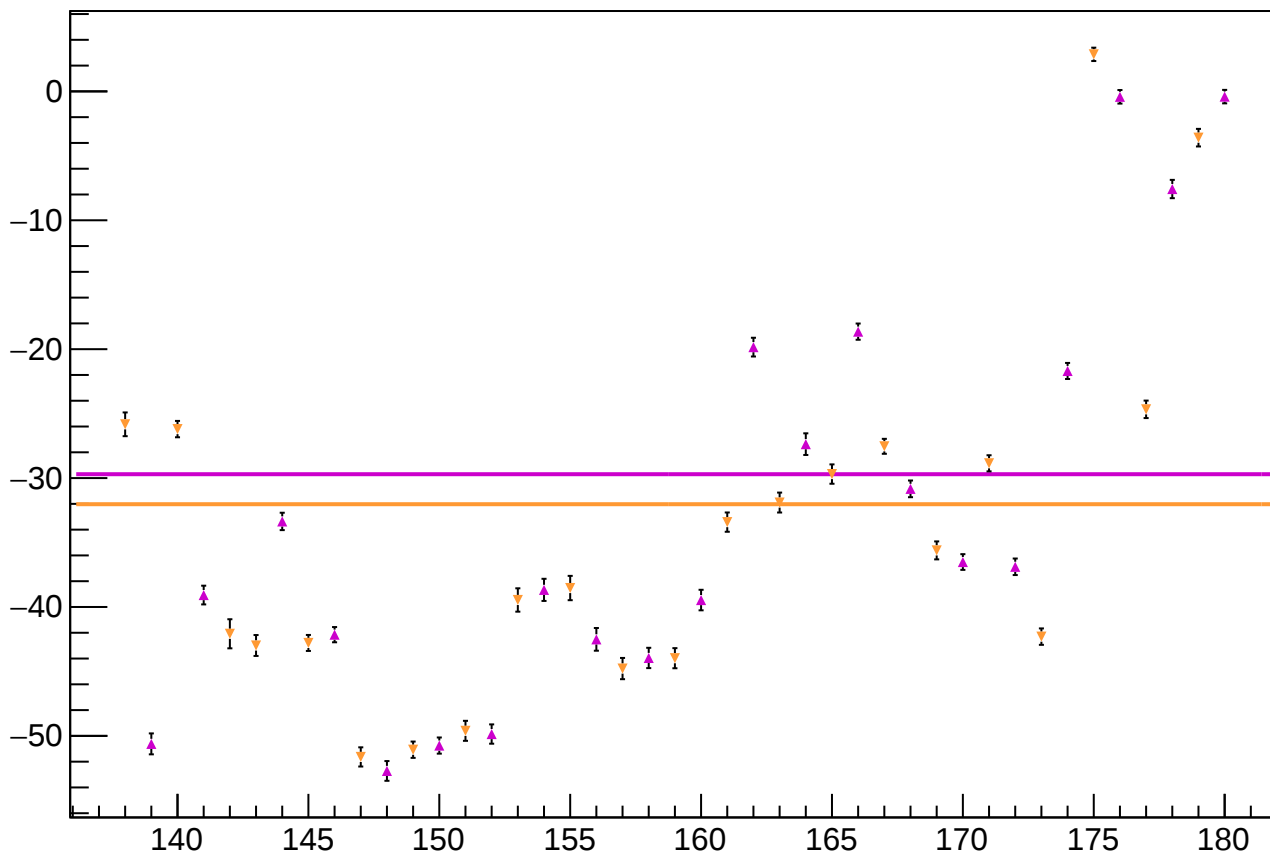
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.580+/-0.114 χ^2/NDF : 4640.2/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.617+/-0.115 χ^2/NDF : 4809.4/20

Left: -1.103+/-0.081 χ^2/NDF : 9485.0/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.617+/-0.115 χ^2/NDF : 4809.4/20
 Out: -1.580+/-0.114 χ^2/NDF : 4640.2/21
 All: -1.103+/-0.081 χ^2/NDF : 9485.0/42

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: -32.027+/-0.152 χ^2/NDF :10166.0/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.699+/-0.148 χ^2/NDF :12993.9/20

Left: -30.834+/-0.106 χ^2/NDF : 23280.2/42

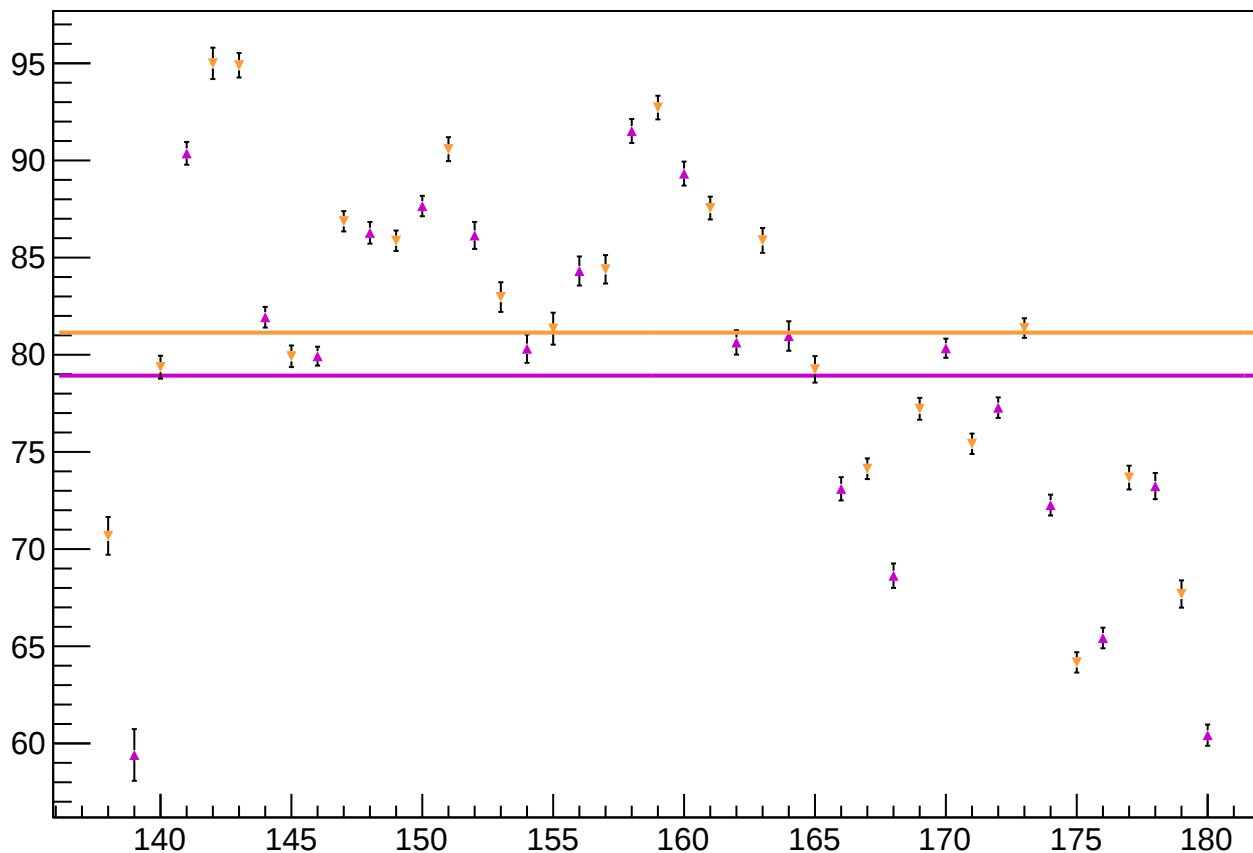
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.699+/-0.148 χ^2/NDF :12993.9/20

Out: -32.027+/-0.152 χ^2/NDF :10166.0/21

All: -30.834+/-0.106 χ^2/NDF : 23280.2/42

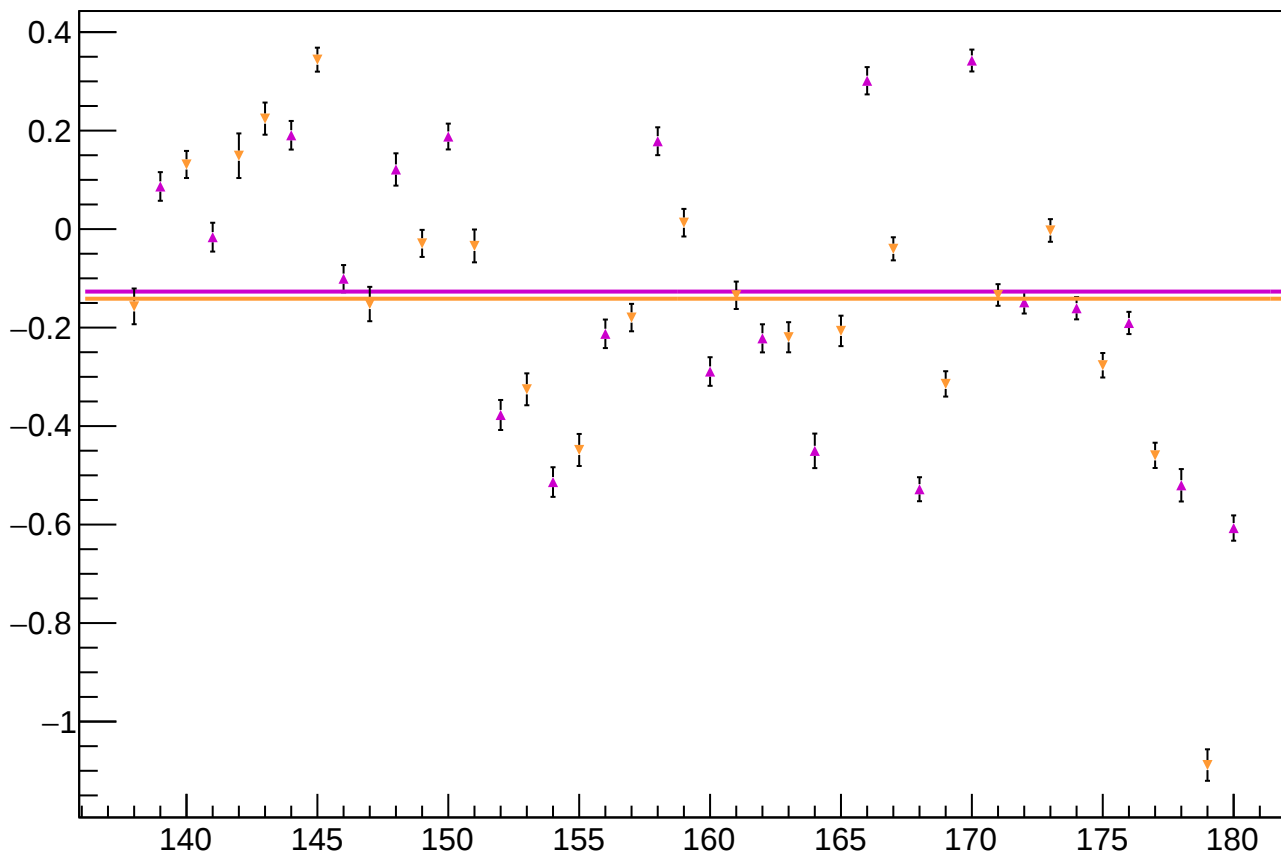
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 81.139 $\pm$ 0.130 χ^2/NDF :3820.3/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 78.927 $\pm$ 0.130 χ^2/NDF :4355.7/20

Left: 80.034 $\pm$ 0.092 χ^2/NDF : 8320.4/42
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 78.927 $\pm$ 0.130 χ^2/NDF :4355.7/20
 Out: 81.139 $\pm$ 0.130 χ^2/NDF :3820.3/21
 All: 80.034 $\pm$ 0.092 χ^2/NDF : 8320.4/42

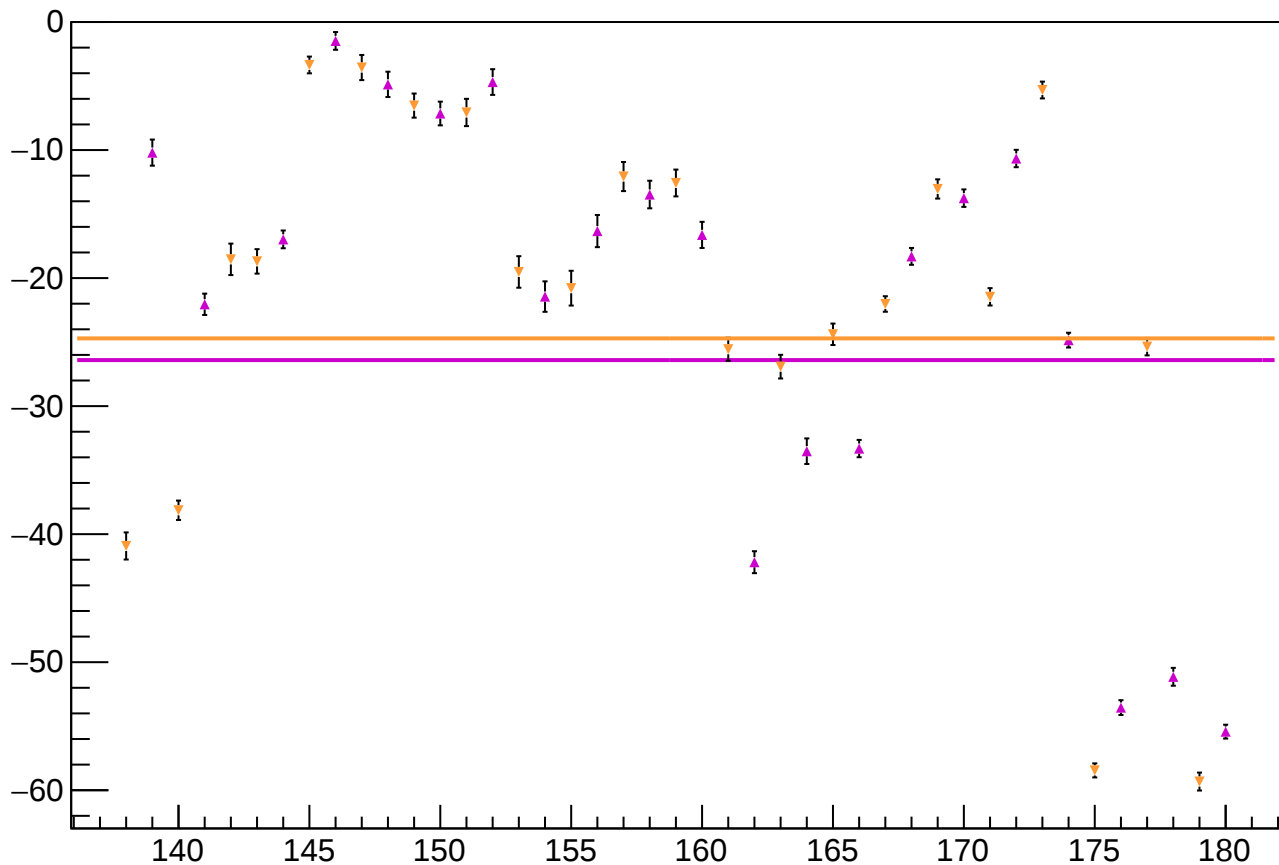
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.141 $\pm$ 0.006 χ^2 /NDF:2015.2/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.127 $\pm$ 0.006 χ^2 /NDF:2334.1/20

Left: -0.134 $\pm$ 0.004 χ^2 /NDF: 4352.3/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.127 $\pm$ 0.006 χ^2 /NDF:2334.1/20
 Out: -0.141 $\pm$ 0.006 χ^2 /NDF:2015.2/21
 All: -0.134 $\pm$ 0.004 χ^2 /NDF: 4352.3/42

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -24.711 $\pm$ 0.174 χ^2/NDF :10455.4/21

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -26.404 $\pm$ 0.168 χ^2/NDF :11312.8/20

Left: -25.589 $\pm$ 0.121 χ^2/NDF : 21817.3/42

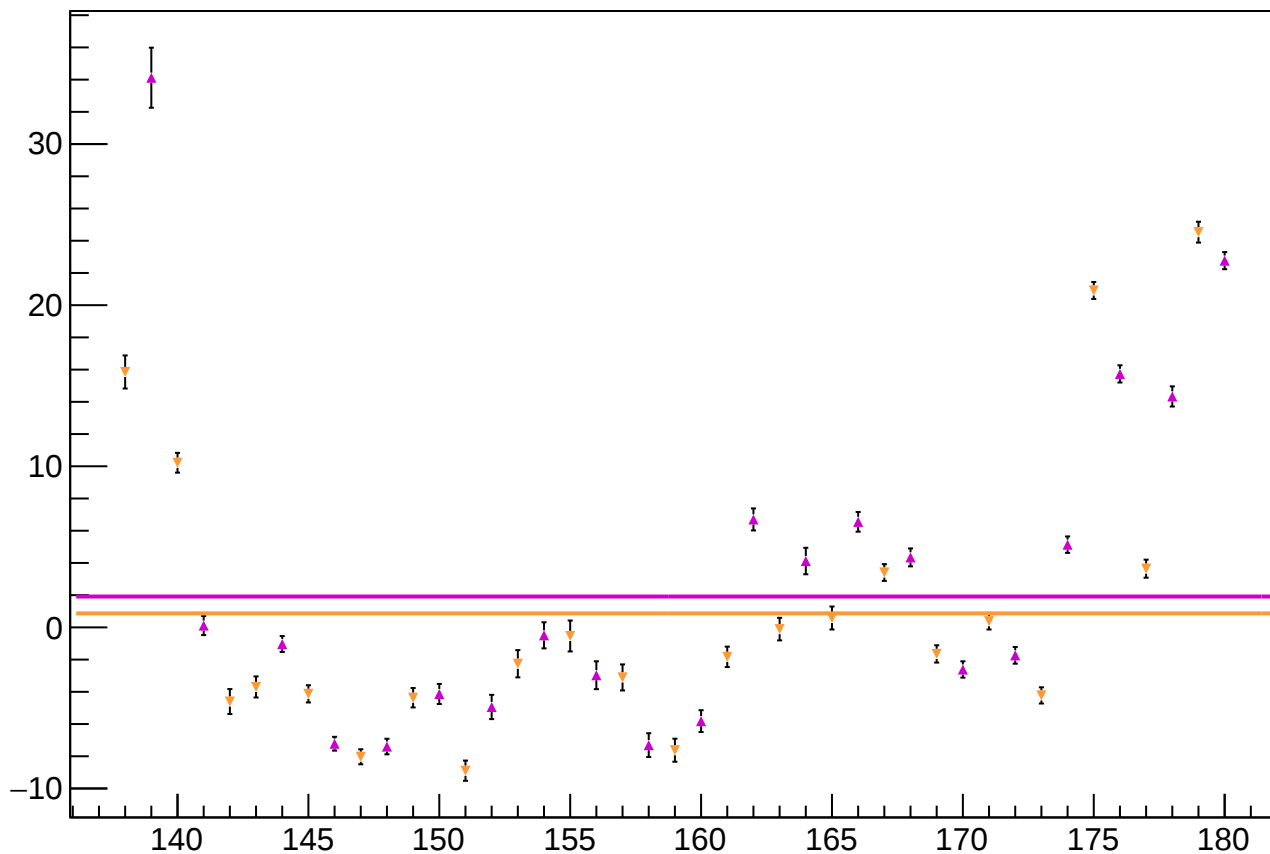
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -26.404 $\pm$ 0.168 χ^2/NDF :11312.8/20

Out: -24.711 $\pm$ 0.174 χ^2/NDF :10455.4/21

All: -25.589 $\pm$ 0.121 χ^2/NDF : 21817.3/42

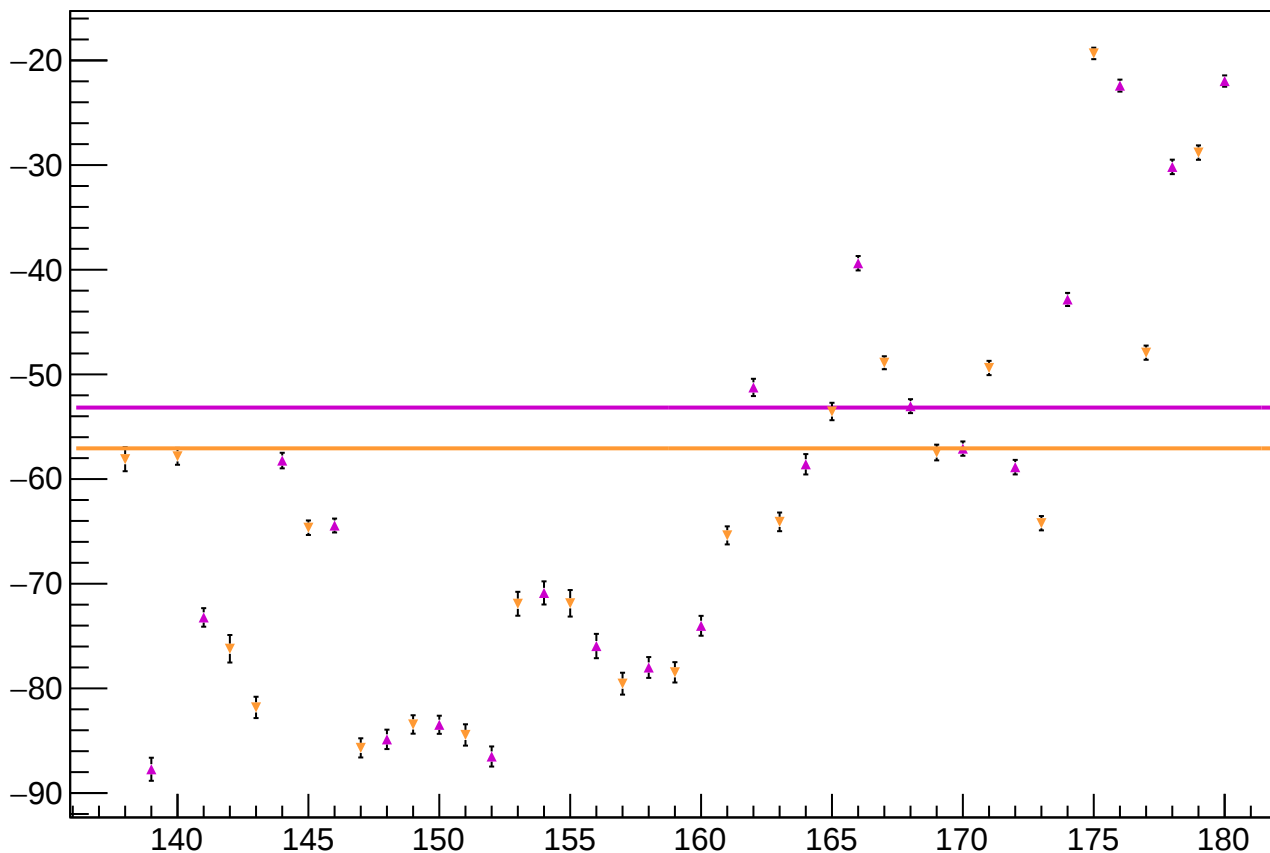
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.870+/-0.132 χ^2/NDF :4472.0/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.915+/-0.130 χ^2/NDF :4581.3/20

Left: 1.398+/-0.093 χ^2/NDF : 9085.0/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.915+/-0.130 χ^2/NDF :4581.3/20
 Out: 0.870+/-0.132 χ^2/NDF :4472.0/21
 All: 1.398+/-0.093 χ^2/NDF : 9085.0/42

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: -57.066+/-0.174 χ^2/NDF :11918.7/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.169+/-0.168 χ^2/NDF :15312.0/20

Left: -55.043+/-0.121 χ^2/NDF : 27490.8/42

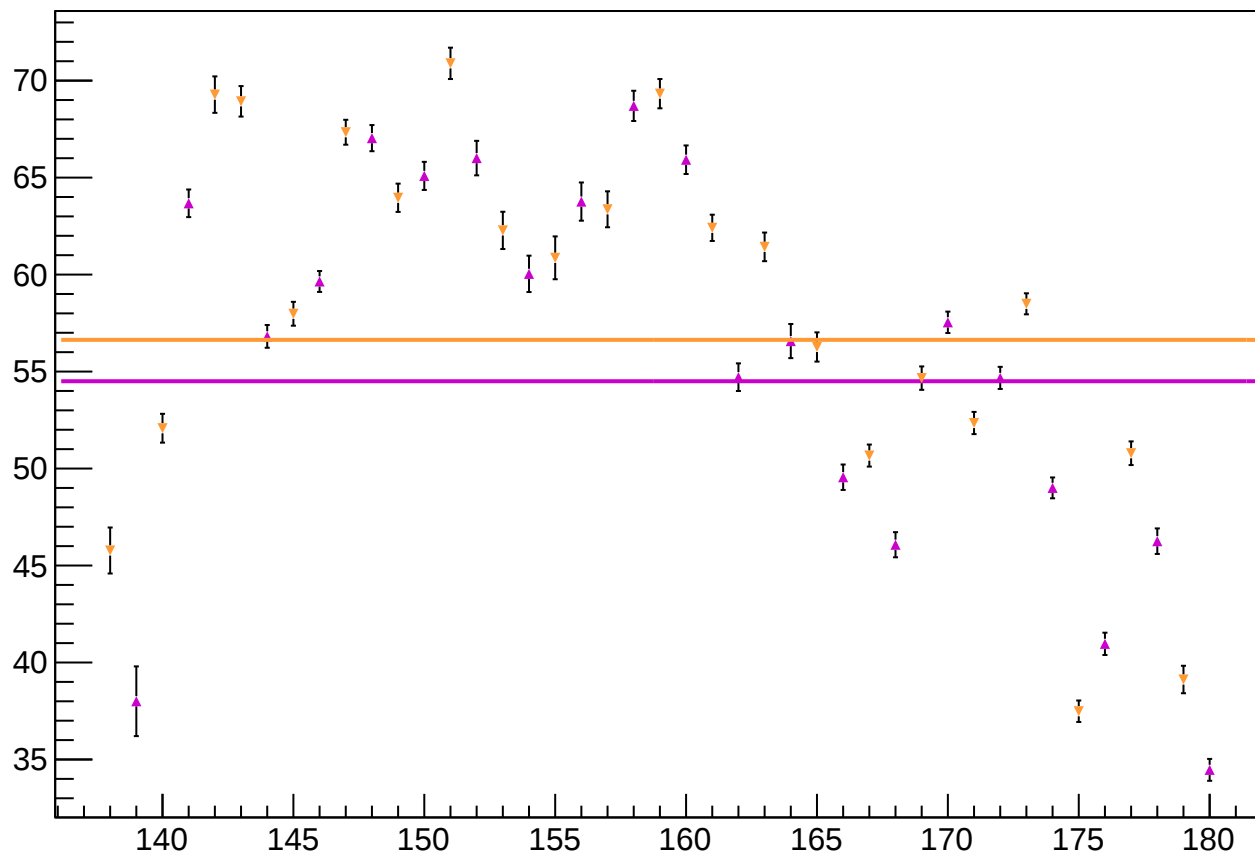
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.169+/-0.168 χ^2/NDF :15312.0/20

Out: -57.066+/-0.174 χ^2/NDF :11918.7/21

All: -55.043+/-0.121 χ^2/NDF : 27490.8/42

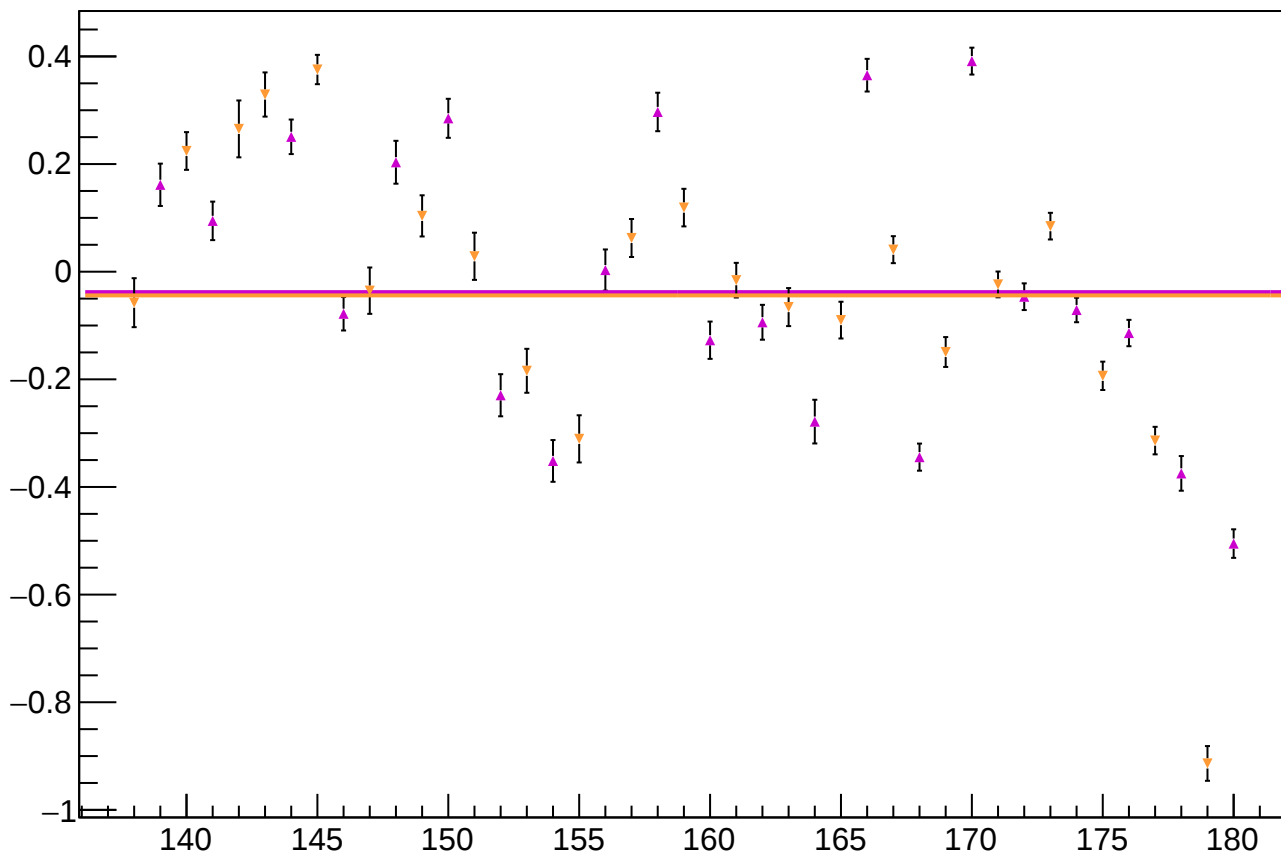
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 56.635+/-0.150 χ^2/NDF :3830.5/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 54.502+/-0.148 χ^2/NDF :4118.0/20

Left: 55.553+/-0.105 χ^2/NDF : 8051.5/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 54.502+/-0.148 χ^2/NDF :4118.0/20
 Out: 56.635+/-0.150 χ^2/NDF :3830.5/21
 All: 55.553+/-0.105 χ^2/NDF : 8051.5/42

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



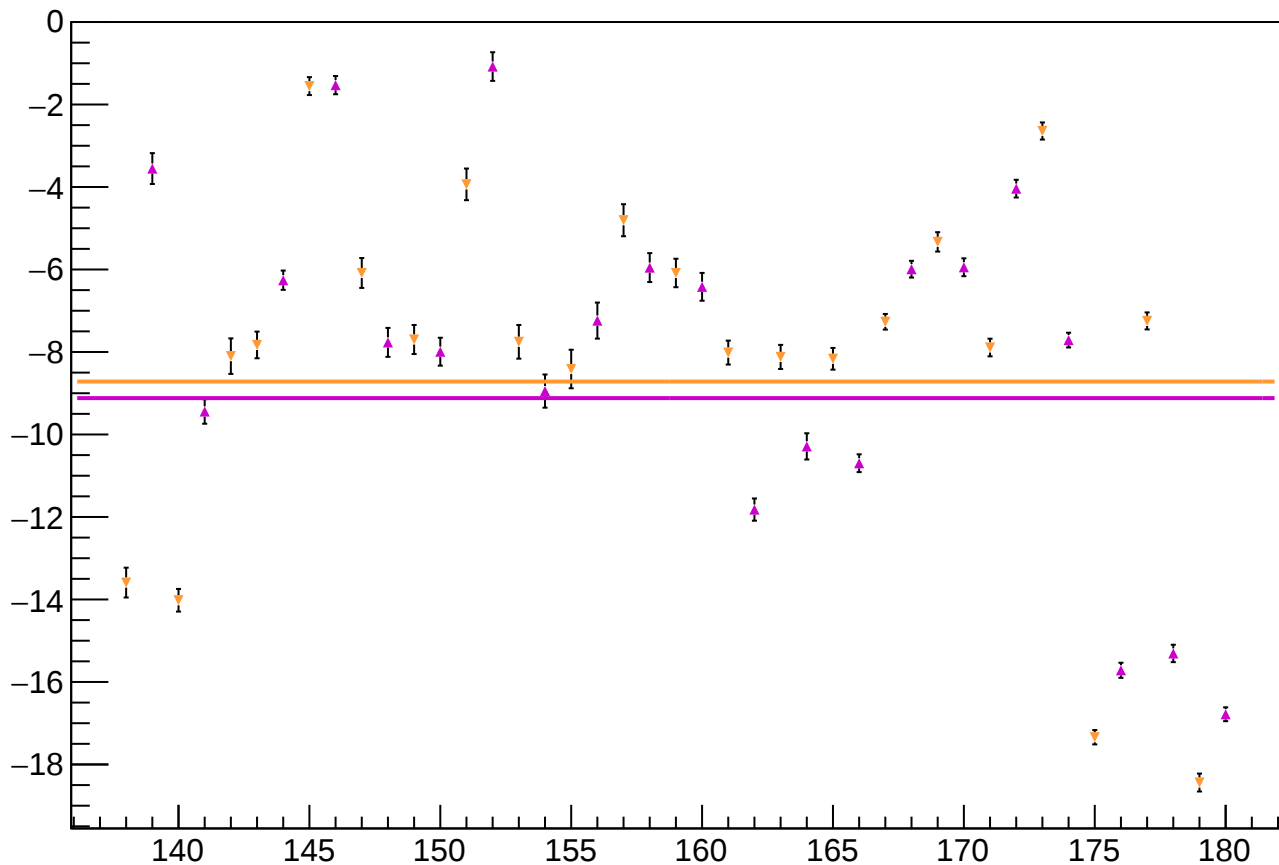
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.044 $\pm$ 0.007 χ^2 /NDF:1436.9/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.038 $\pm$ 0.007 χ^2 /NDF:1511.8/20

Left: -0.041 $\pm$ 0.005 χ^2 /NDF: 2949.1/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.038 $\pm$ 0.007 χ^2 /NDF:1511.8/20
 Out: -0.044 $\pm$ 0.007 χ^2 /NDF:1436.9/21

All: -0.041 $\pm$ 0.005 χ^2 /NDF: 2949.1/42

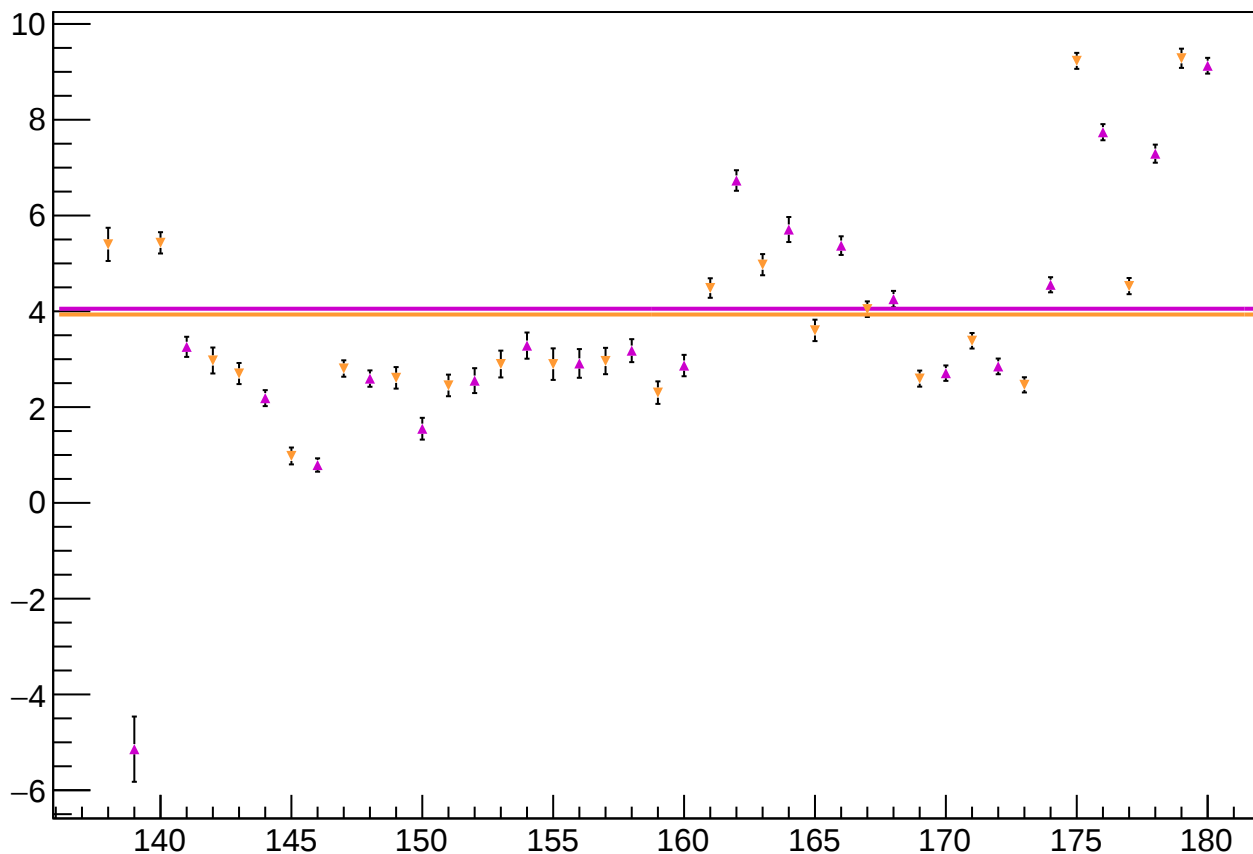
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.717+/-0.057 χ^2/NDF : 7698.4/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.119+/-0.054 χ^2/NDF : 7756.9/20

Left: -8.927+/-0.039 χ^2/NDF : 15481.5/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -9.119+/-0.054 χ^2/NDF : 7756.9/20
 Out: -8.717+/-0.057 χ^2/NDF : 7698.4/21
 All: -8.927+/-0.039 χ^2/NDF : 15481.5/42

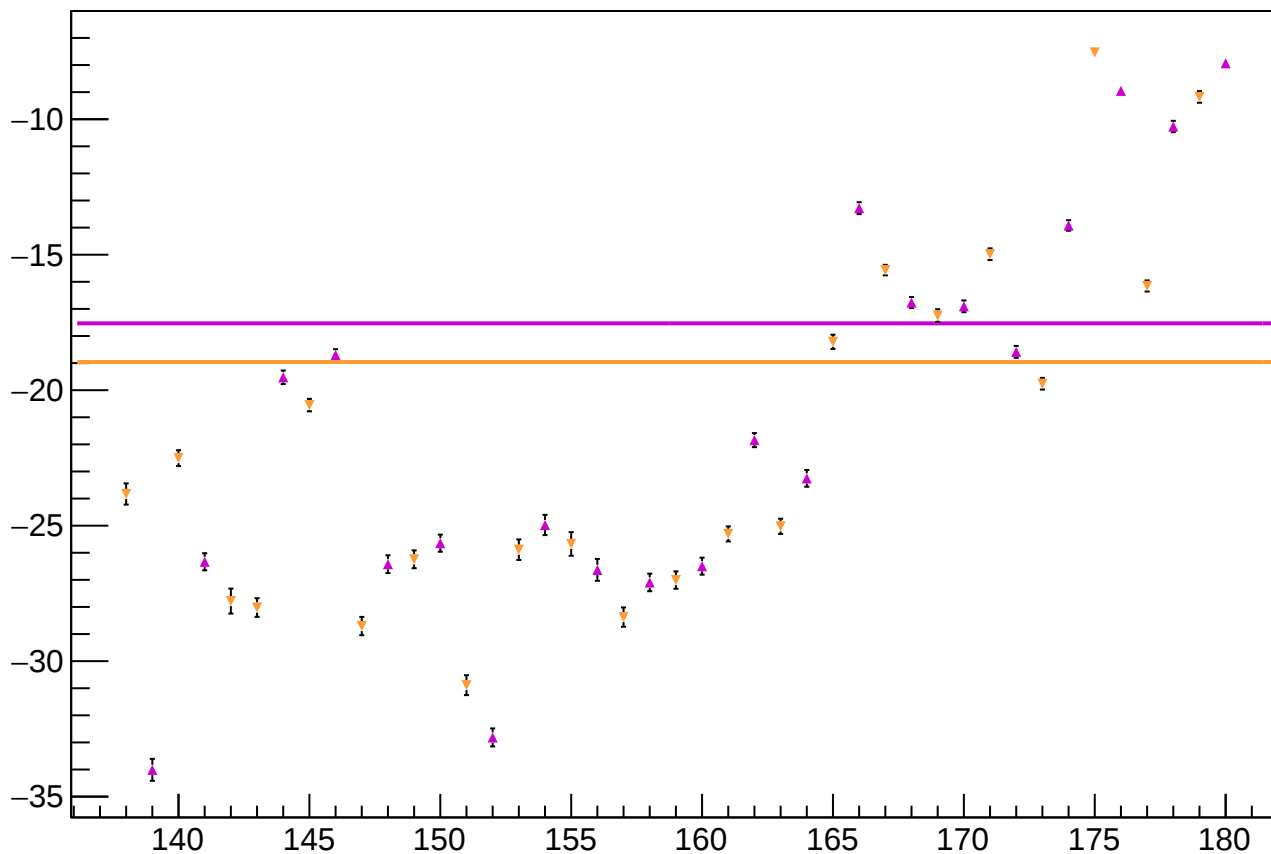
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.933 $\pm$ 0.043 χ^2 /NDF:2517.0/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.054 $\pm$ 0.042 χ^2 /NDF:3260.6/20

Left: 3.995 $\pm$ 0.030 χ^2 /NDF: 5781.6/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.054 $\pm$ 0.042 χ^2 /NDF:3260.6/20
 Out: 3.933 $\pm$ 0.043 χ^2 /NDF:2517.0/21
 All: 3.995 $\pm$ 0.030 χ^2 /NDF: 5781.6/42

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: -18.960+/-0.057 χ^2/NDF :13957.3/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.533+/-0.054 χ^2/NDF :16739.5/20

Left: -18.213+/-0.039 χ^2/NDF : 31028.8/42

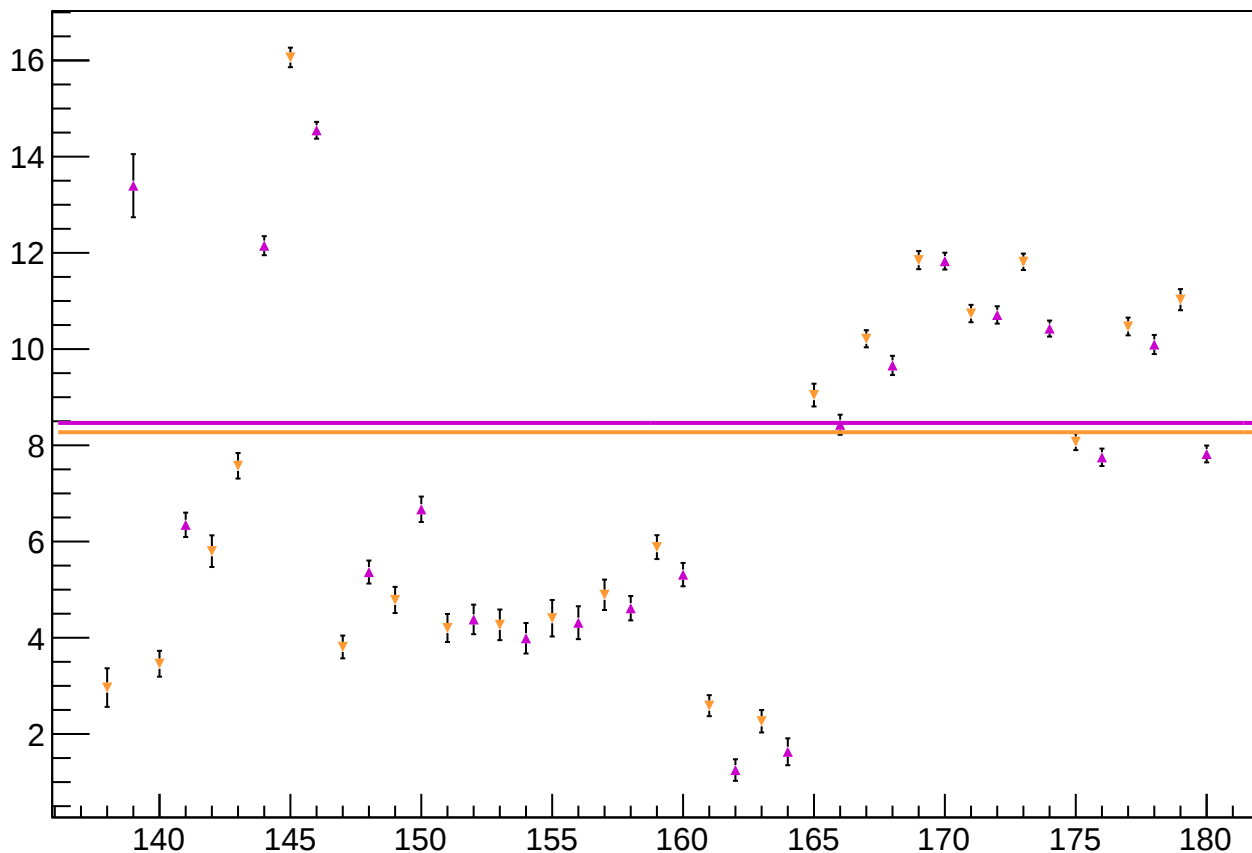
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.533+/-0.054 χ^2/NDF :16739.5/20

Out: -18.960+/-0.057 χ^2/NDF :13957.3/21

All: -18.213+/-0.039 χ^2/NDF : 31028.8/42

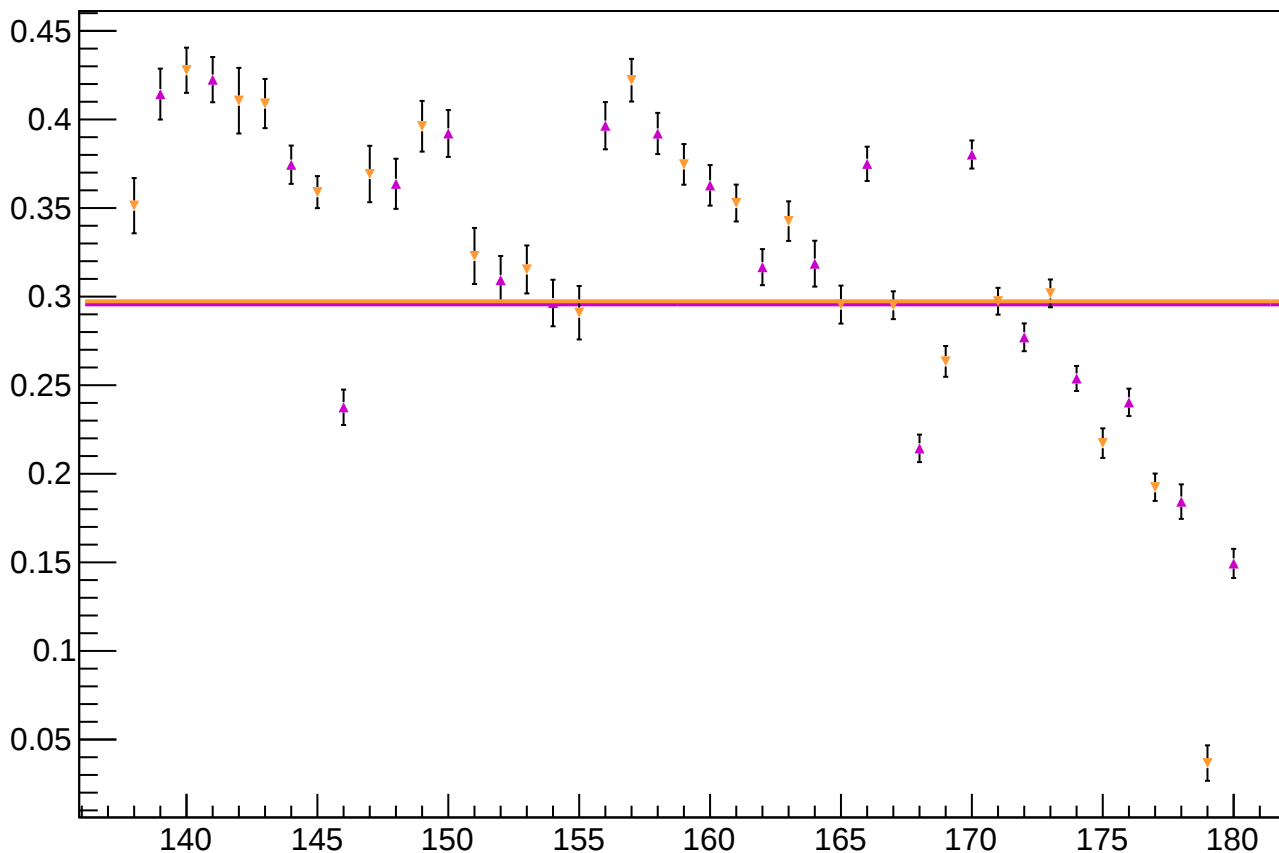
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.272 $\pm$ 0.049 χ^2 /NDF:5962.8/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.465 $\pm$ 0.048 χ^2 /NDF:5255.0/20

Left: 8.371 $\pm$ 0.034 χ^2 /NDF: 11225.8/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.465 $\pm$ 0.048 χ^2 /NDF:5255.0/20
 Out: 8.272 $\pm$ 0.049 χ^2 /NDF:5962.8/21
 All: 8.371 $\pm$ 0.034 χ^2 /NDF: 11225.8/42

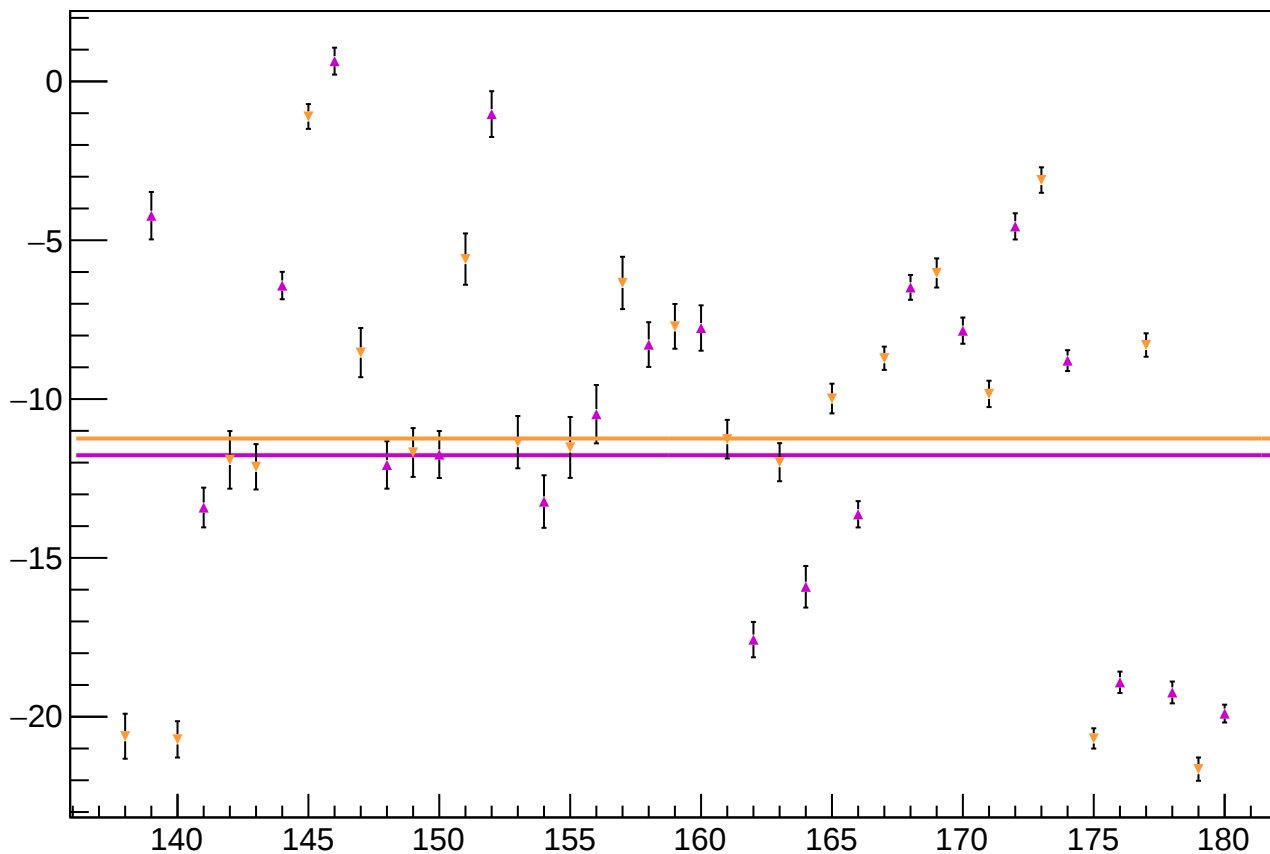
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.297 $\pm$ 0.002 χ^2 /NDF:1506.6/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.296 $\pm$ 0.002 χ^2 /NDF:1327.5/20

Left: 0.296 $\pm$ 0.002 χ^2 /NDF: 2834.4/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.296 $\pm$ 0.002 χ^2 /NDF:1327.5/20
 Out: 0.297 $\pm$ 0.002 χ^2 /NDF:1506.6/21
 All: 0.296 $\pm$ 0.002 χ^2 /NDF: 2834.4/42

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



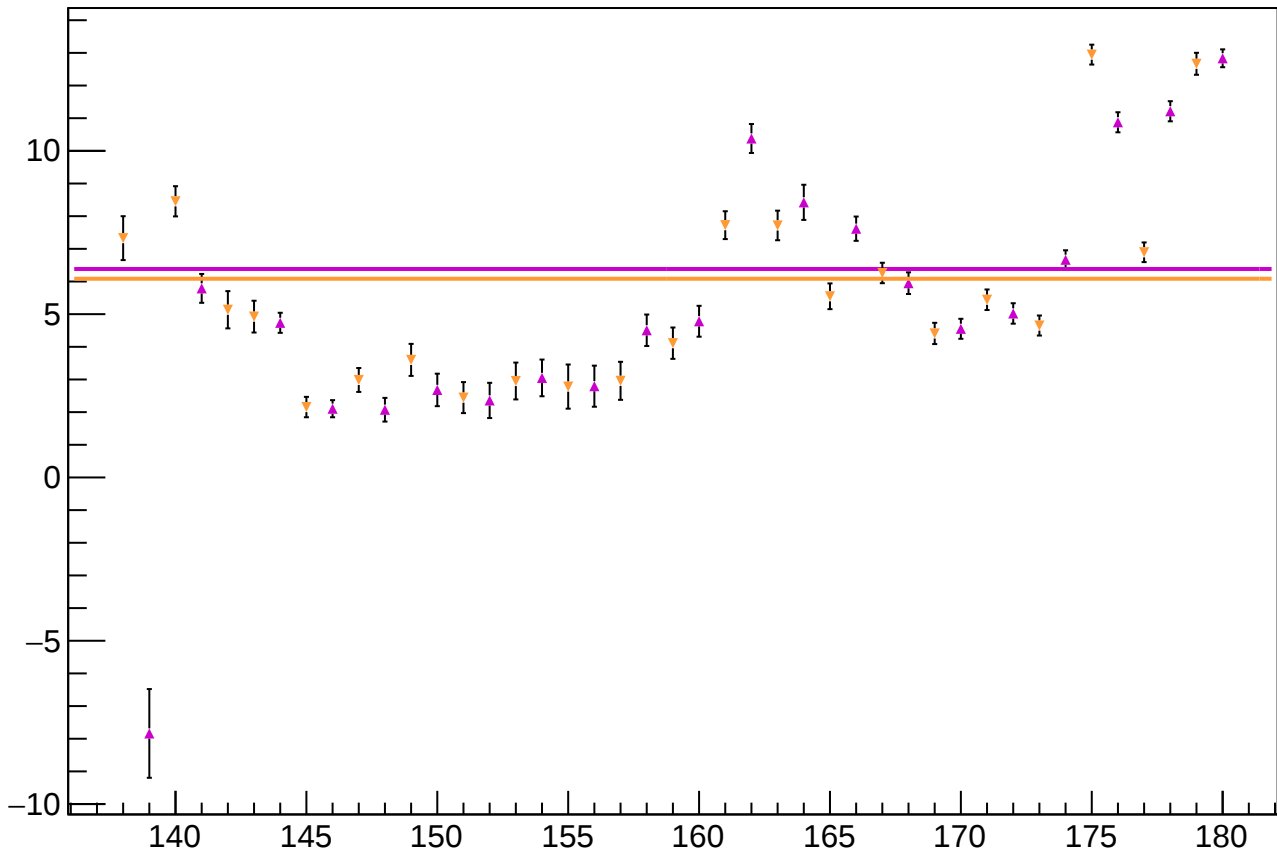
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -11.242 ± 0.109 $\chi^2/\text{NDF}: 3603.4/21$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -11.768 ± 0.102 $\chi^2/\text{NDF}: 3994.6/20$

Left: -11.522 ± 0.074 $\chi^2/\text{NDF}: 7610.4/42$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -11.768 ± 0.102 $\chi^2/\text{NDF}: 3994.6/20$
 Out: -11.242 ± 0.109 $\chi^2/\text{NDF}: 3603.4/21$

All: -11.522 ± 0.074 $\chi^2/\text{NDF}: 7610.4/42$

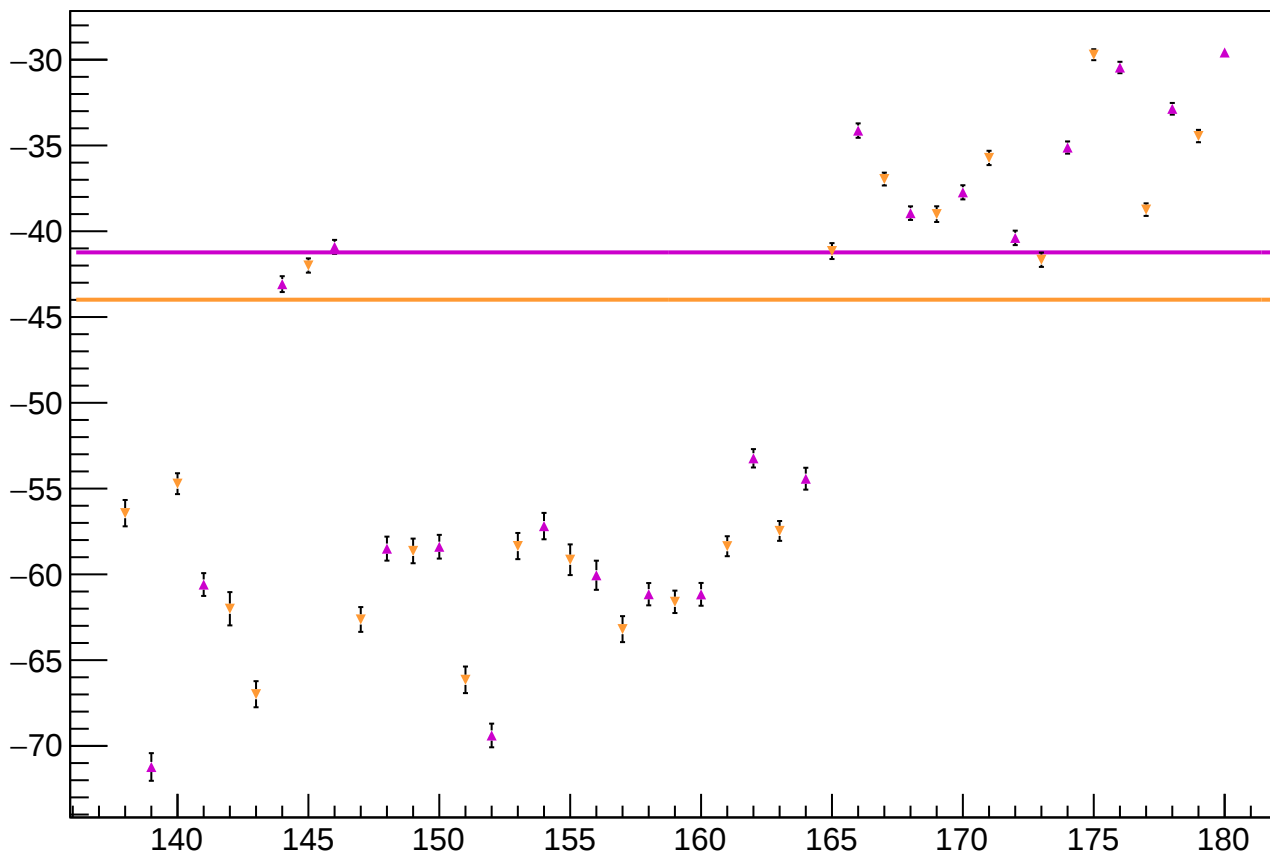
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.085 $\pm$ 0.084 χ^2 /NDF:1432.9/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 6.383 $\pm$ 0.081 χ^2 /NDF:1933.3/20

Left: 6.240 $\pm$ 0.058 χ^2 /NDF: 3372.8/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 6.383 $\pm$ 0.081 χ^2 /NDF:1933.3/20
 Out: 6.085 $\pm$ 0.084 χ^2 /NDF:1432.9/21
 All: 6.240 $\pm$ 0.058 χ^2 /NDF: 3372.8/42

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: -43.989+/-0.109 χ^2/NDF :10748.3/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -41.232+/-0.102 χ^2/NDF :12910.7/20

Left: -42.520+/-0.074 χ^2/NDF : 24000.7/42

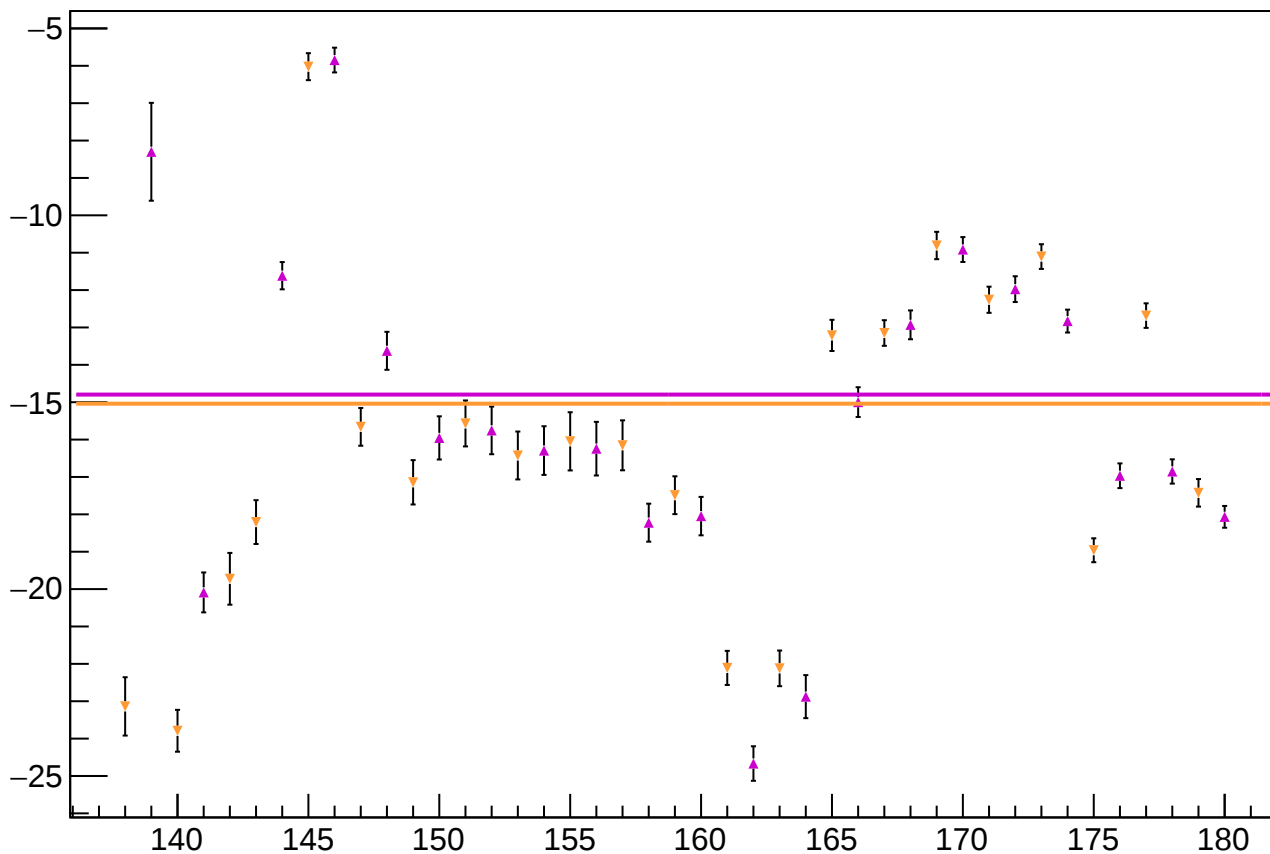
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.232+/-0.102 χ^2/NDF :12910.7/20

Out: -43.989+/-0.109 χ^2/NDF :10748.3/21

All: -42.520+/-0.074 χ^2/NDF : 24000.7/42

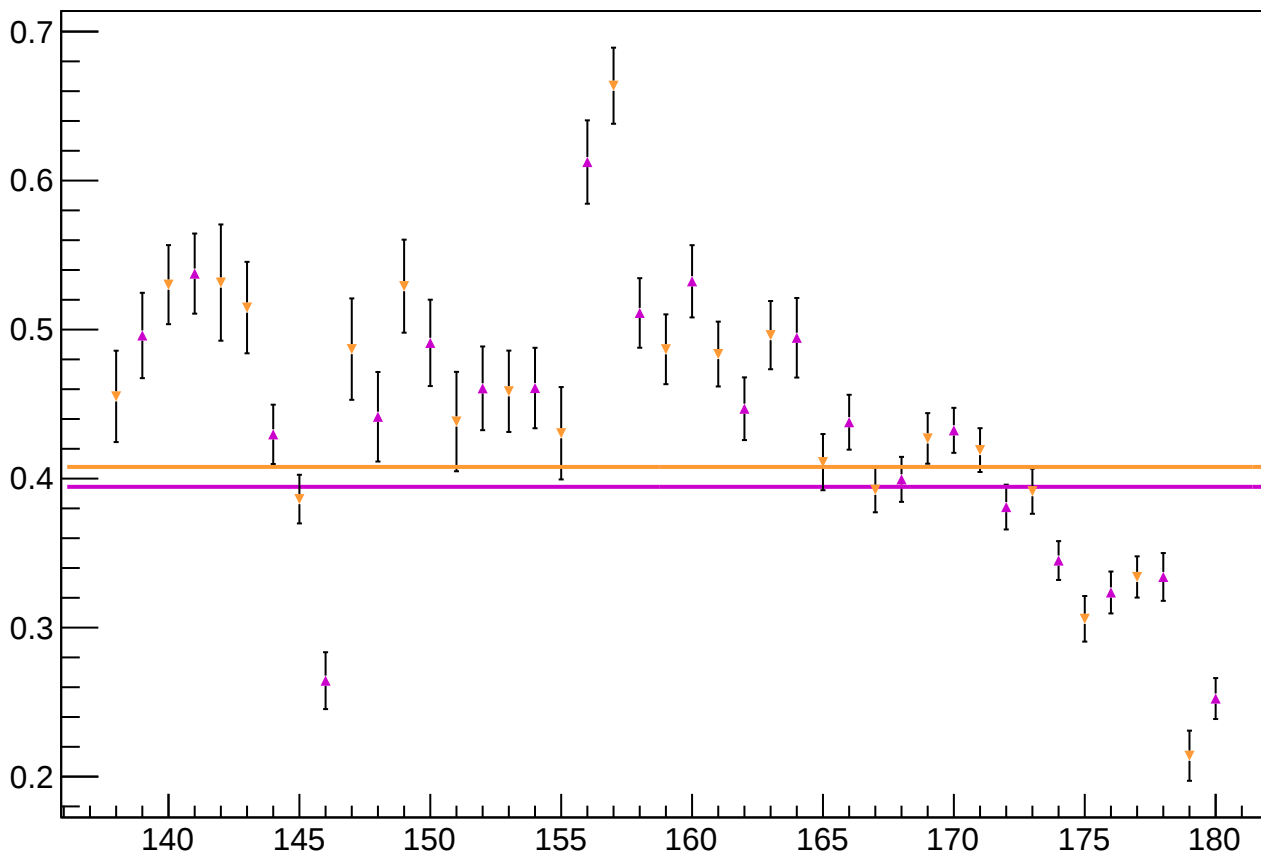
reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.040+/-0.095 χ^2/NDF :2191.2/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.796+/-0.091 χ^2/NDF :2166.8/20

Left: -14.913+/-0.066 χ^2/NDF : 4361.4/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -14.796+/-0.091 χ^2/NDF :2166.8/20
 Out: -15.040+/-0.095 χ^2/NDF :2191.2/21
 All: -14.913+/-0.066 χ^2/NDF : 4361.4/42

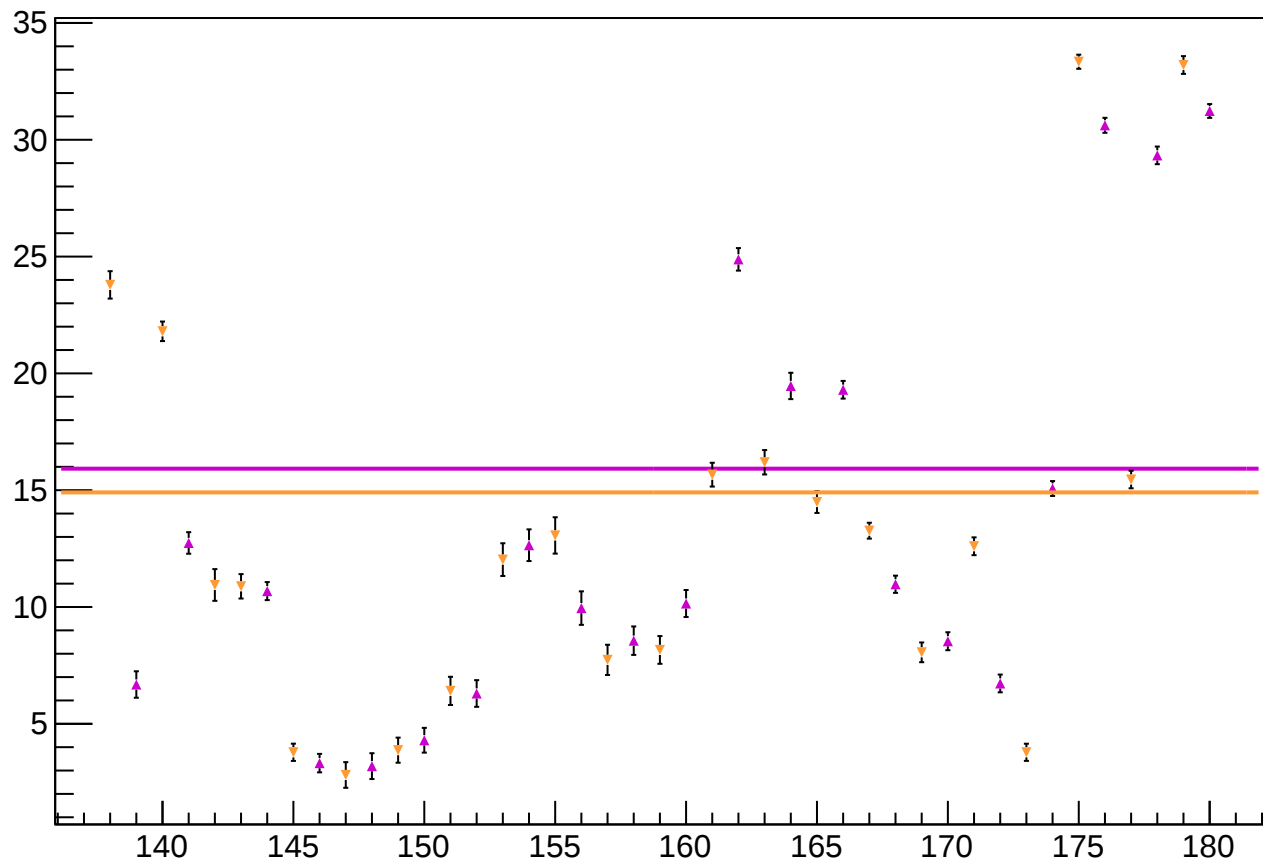
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.408 $\pm$ 0.004 χ^2 /NDF:421.2/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.394 $\pm$ 0.004 χ^2 /NDF:427.7/20

Left: 0.401 $\pm$ 0.003 χ^2 /NDF: 853.8/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.394 $\pm$ 0.004 χ^2 /NDF:427.7/20
 Out: 0.408 $\pm$ 0.004 χ^2 /NDF:421.2/21
 All: 0.401 $\pm$ 0.003 χ^2 /NDF: 853.8/42

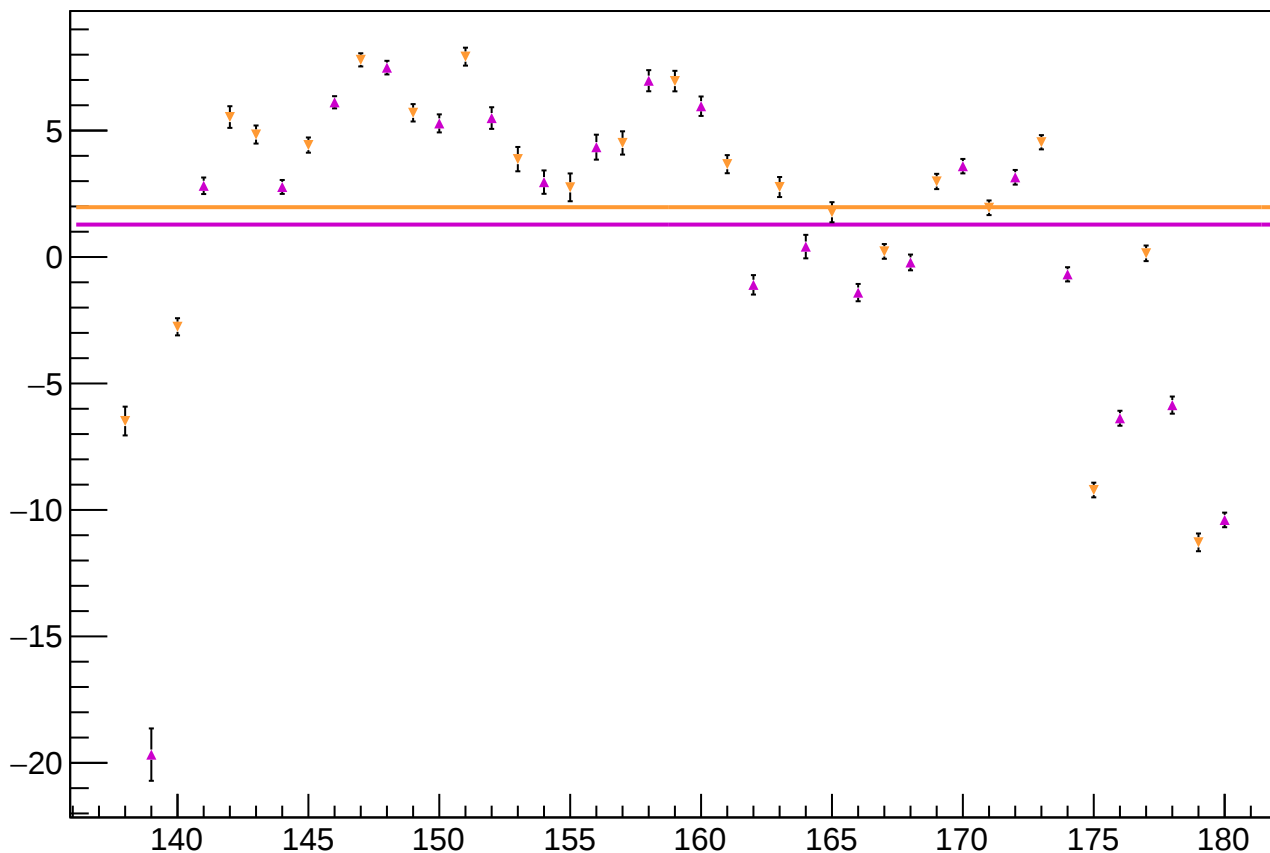
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.906+/-0.097 χ^2/NDF :10153.1/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 15.921+/-0.094 χ^2/NDF :10808.3/20

Left: 15.433+/-0.067 χ^2/NDF : 21018.0/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 15.921+/-0.094 χ^2/NDF :10808.3/20
 Out: 14.906+/-0.097 χ^2/NDF :10153.1/21
 All: 15.433+/-0.067 χ^2/NDF : 21018.0/42

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: 1.970 $\pm$ 0.074 χ^2 /NDF:4813.0/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.282 $\pm$ 0.073 χ^2 /NDF:5028.9/20

Left: 1.622 $\pm$ 0.052 χ^2 /NDF: 9885.9/42

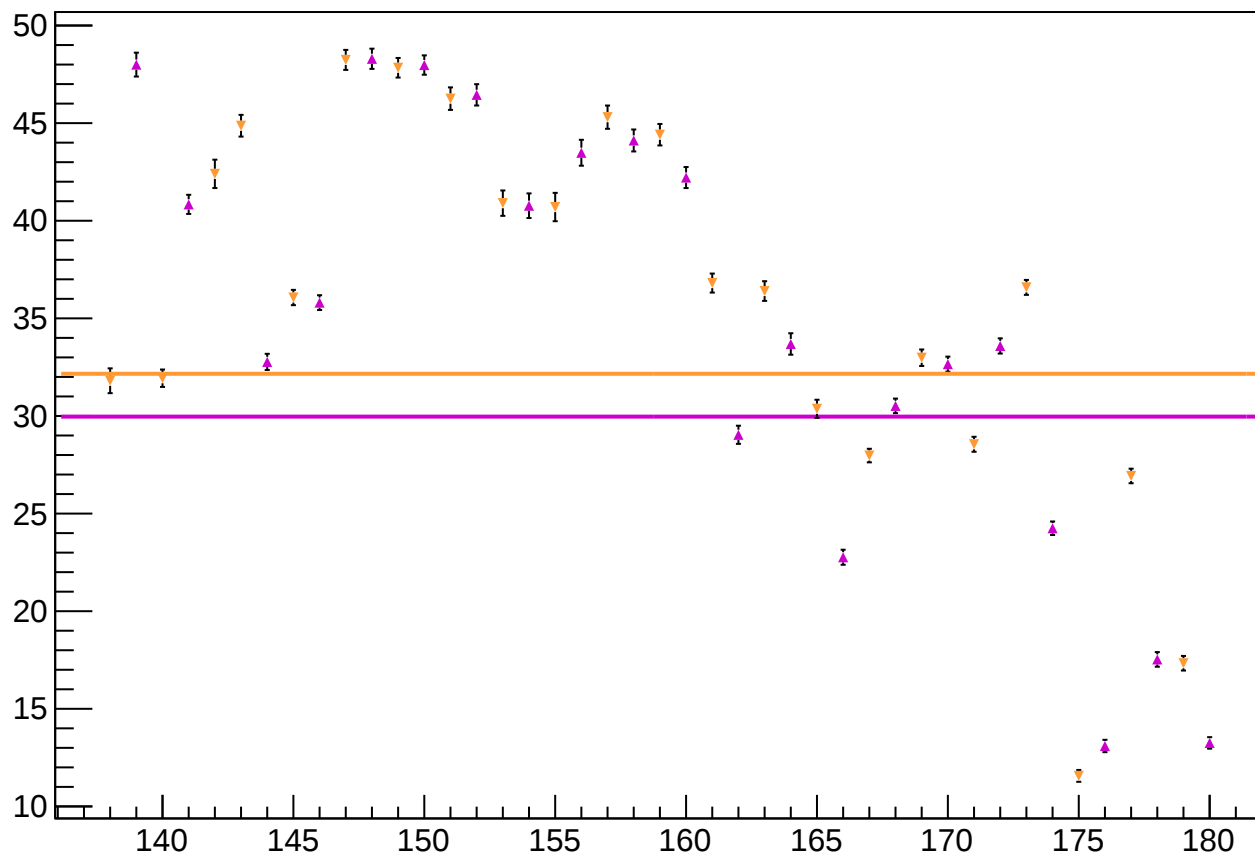
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.282 $\pm$ 0.073 χ^2 /NDF:5028.9/20

Out: 1.970 $\pm$ 0.074 χ^2 /NDF:4813.0/21

All: 1.622 $\pm$ 0.052 χ^2 /NDF: 9885.9/42

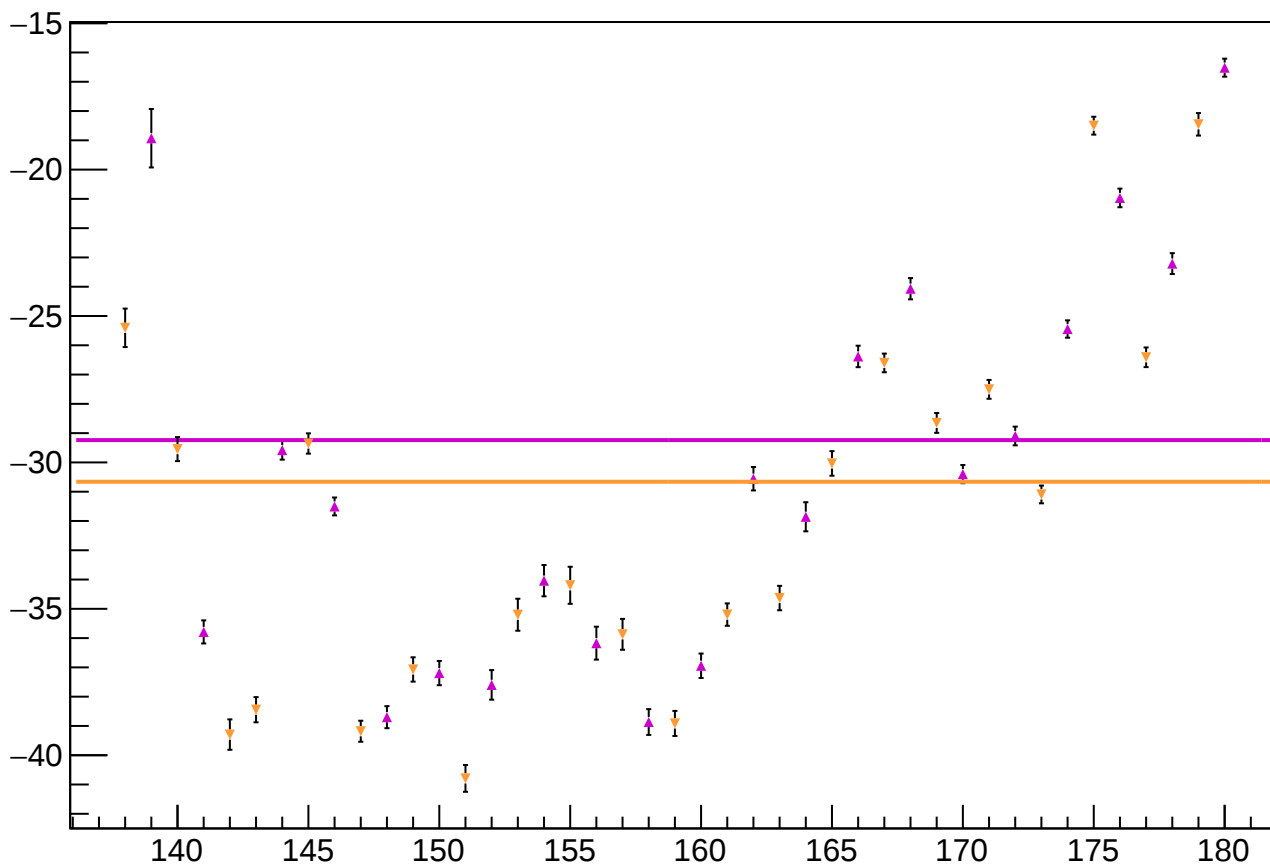
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 32.161 $\pm$ 0.097 χ^2 /NDF:11597.2/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 29.967 $\pm$ 0.094 χ^2 /NDF:14958.9/20

Left: 31.021 $\pm$ 0.067 χ^2 /NDF: 26820.9/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 29.967 $\pm$ 0.094 χ^2 /NDF:14958.9/20
 Out: 32.161 $\pm$ 0.097 χ^2 /NDF:11597.2/21
 All: 31.021 $\pm$ 0.067 χ^2 /NDF: 26820.9/42

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.660+/-0.084 χ^2/NDF :5839.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.238+/-0.082 χ^2/NDF :5917.6/20

Left: -29.938+/-0.059 χ^2/NDF : 11903.9/42

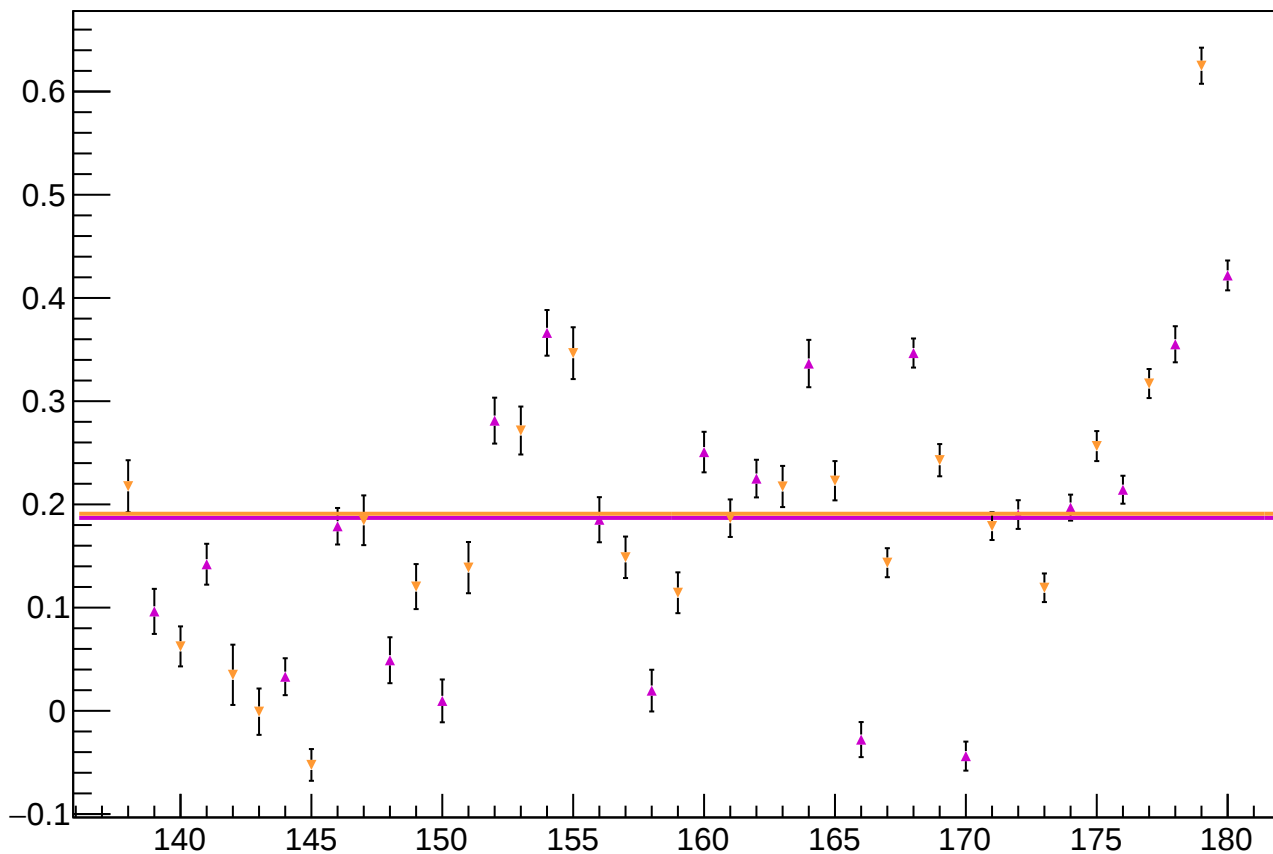
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.238+/-0.082 χ^2/NDF :5917.6/20

Out: -30.660+/-0.084 χ^2/NDF :5839.8/21

All: -29.938+/-0.059 χ^2/NDF : 11903.9/42

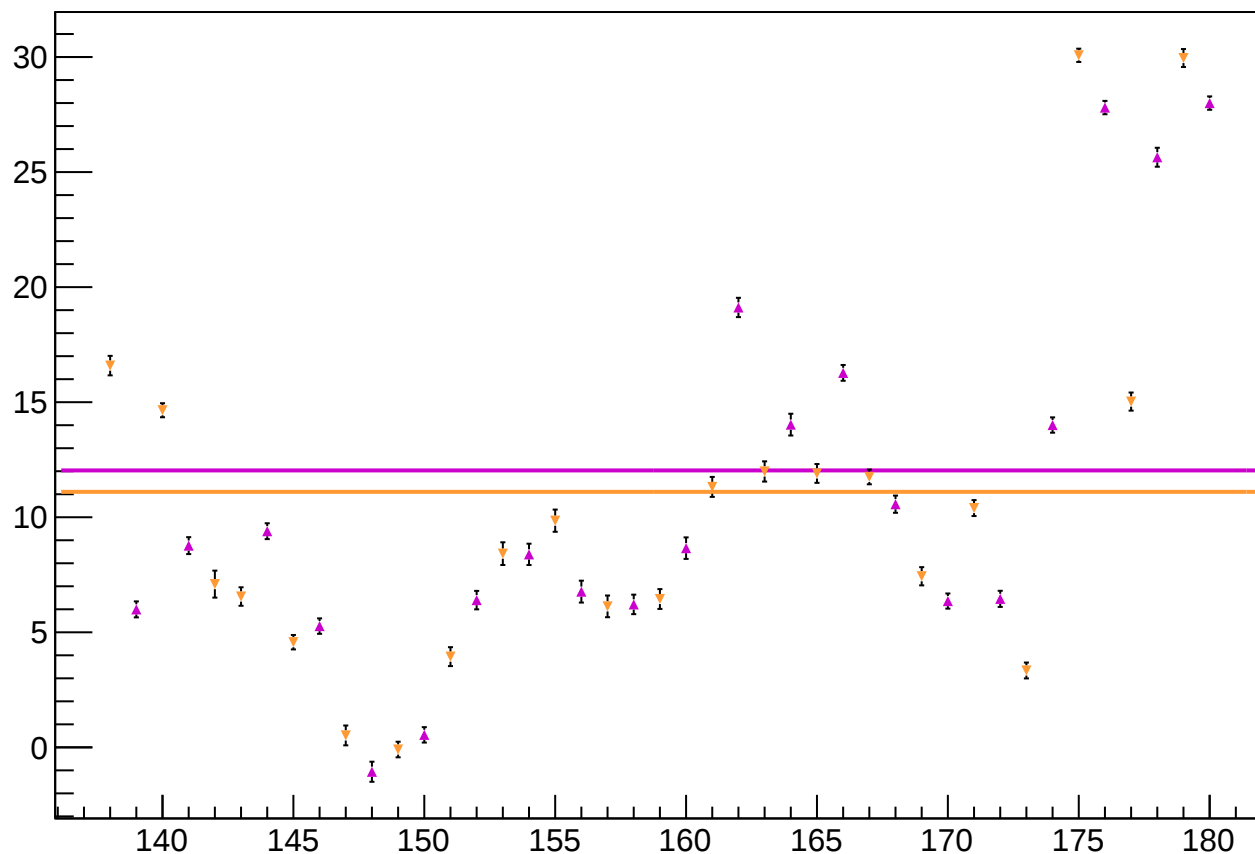
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.191+/-0.004 χ^2/NDF :1252.6/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.187+/-0.004 χ^2/NDF :1336.7/20

Left: 0.189+/-0.003 χ^2/NDF : 2589.9/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.187+/-0.004 χ^2/NDF :1336.7/20
 Out: 0.191+/-0.004 χ^2/NDF :1252.6/21
 All: 0.189+/-0.003 χ^2/NDF : 2589.9/42

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 11.104 $\pm$ 0.082 χ^2 /NDF:10516.7/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 12.035 $\pm$ 0.081 χ^2 /NDF:11657.5/20

Left: 11.579 $\pm$ 0.057 χ^2 /NDF: 22239.7/42

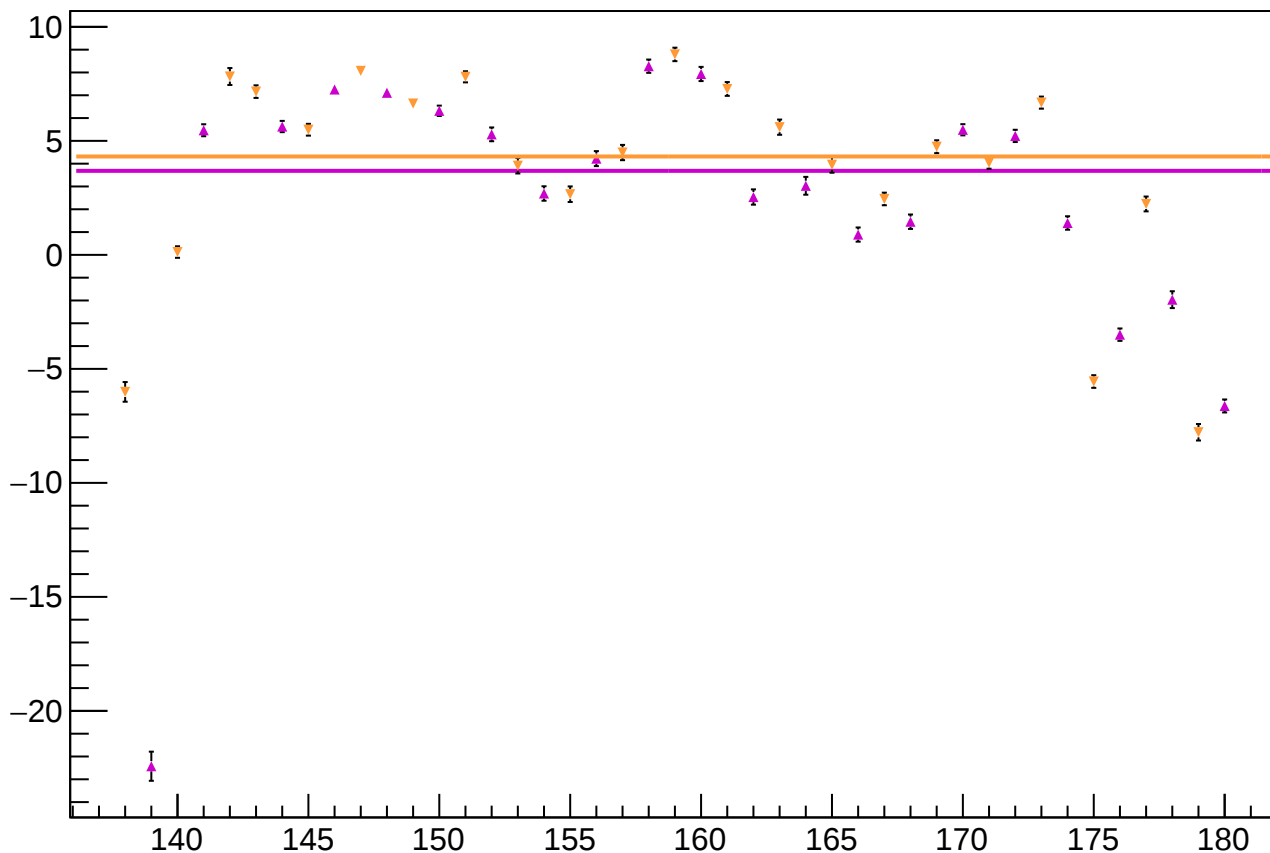
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 12.035 $\pm$ 0.081 χ^2 /NDF:11657.5/20

Out: 11.104 $\pm$ 0.082 χ^2 /NDF:10516.7/21

All: 11.579 $\pm$ 0.057 χ^2 /NDF: 22239.7/42

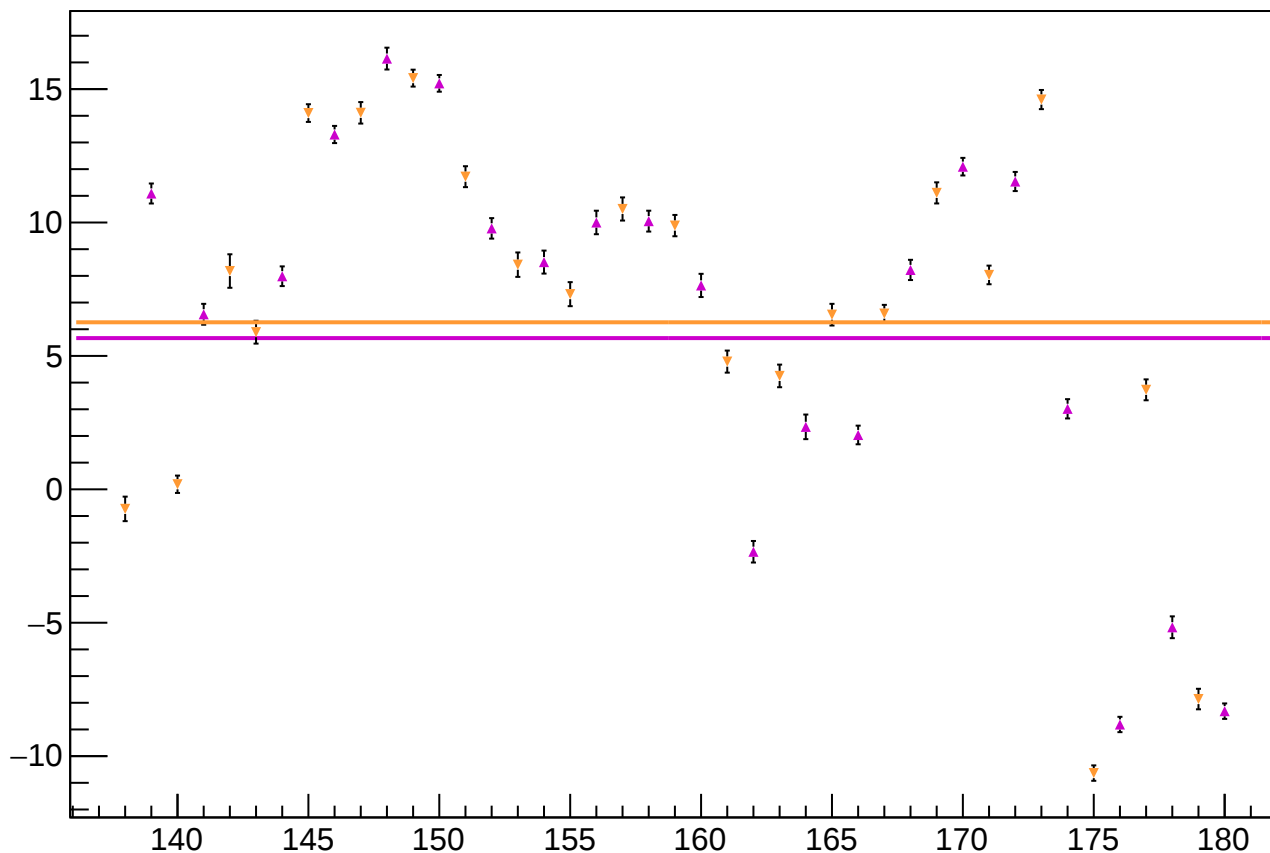
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.315+/-0.061 χ^2/NDF : 4625.7/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.685+/-0.062 χ^2/NDF : 5457.0/20

Left: 4.005+/-0.044 χ^2/NDF : 10134.8/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.685+/-0.062 χ^2/NDF : 5457.0/20
 Out: 4.315+/-0.061 χ^2/NDF : 4625.7/21
 All: 4.005+/-0.044 χ^2/NDF : 10134.8/42

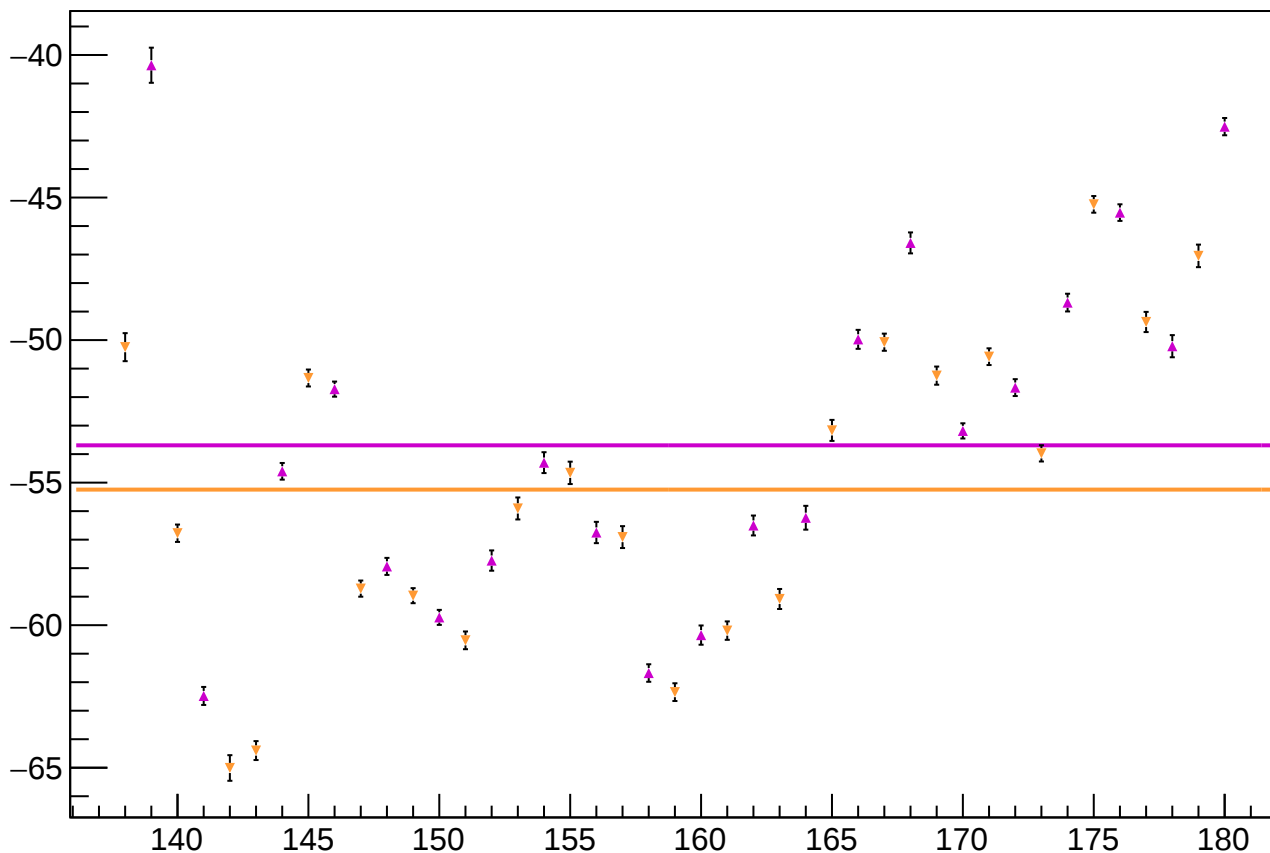
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.260 $\pm$ 0.082 χ^2 /NDF:8325.9/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.668 $\pm$ 0.080 χ^2 /NDF:9675.8/20

Left: 5.957 $\pm$ 0.057 χ^2 /NDF: 18028.6/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.668 $\pm$ 0.080 χ^2 /NDF:9675.8/20
 Out: 6.260 $\pm$ 0.082 χ^2 /NDF:8325.9/21
 All: 5.957 $\pm$ 0.057 χ^2 /NDF: 18028.6/42

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -55.244 $\pm$ 0.070 χ^2/NDF : 5704.6/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -53.692 $\pm$ 0.070 χ^2/NDF : 6434.6/20

Left: -54.472 $\pm$ 0.050 χ^2/NDF : 12383.4/42

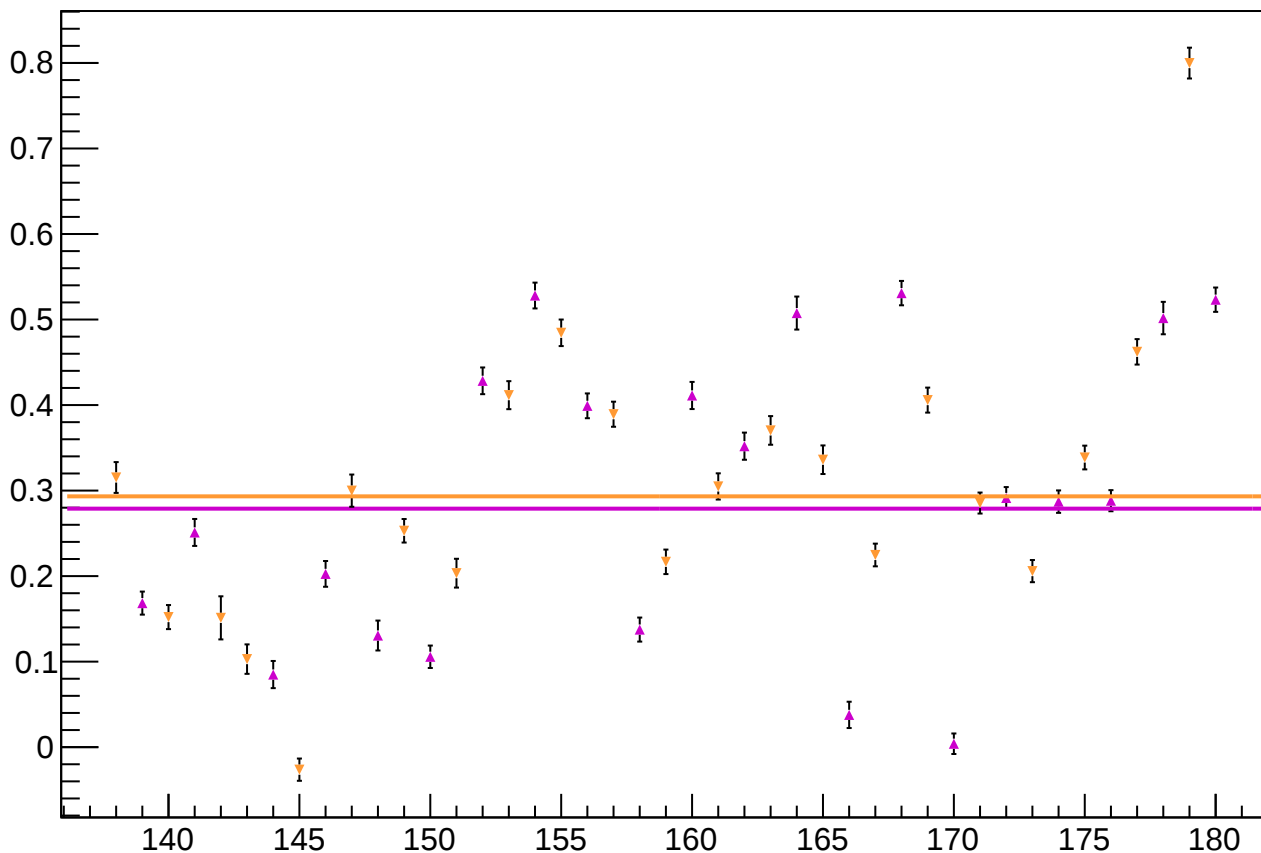
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -53.692 $\pm$ 0.070 χ^2/NDF : 6434.6/20

Out: -55.244 $\pm$ 0.070 χ^2/NDF : 5704.6/21

All: -54.472 $\pm$ 0.050 χ^2/NDF : 12383.4/42

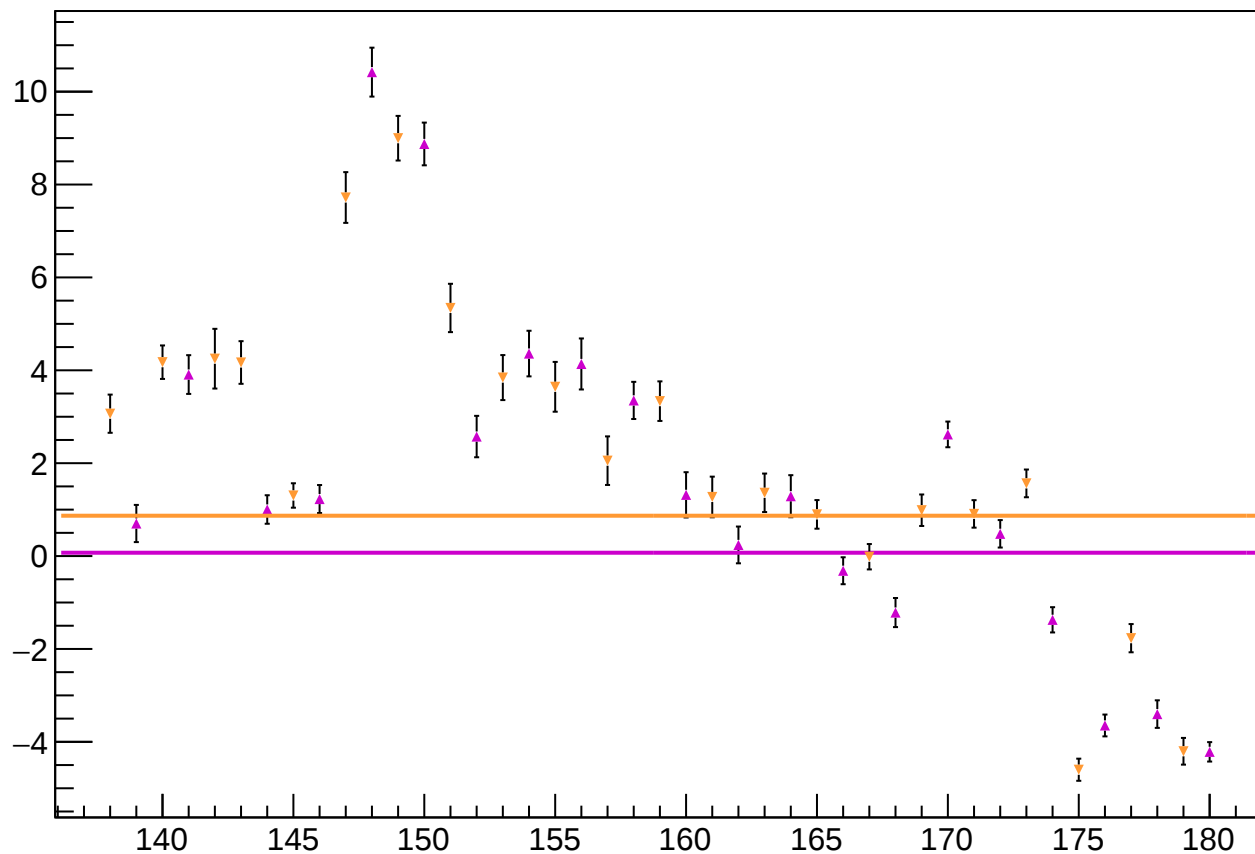
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.293 $\pm$ 0.003 χ^2 /NDF:2261.4/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.279 $\pm$ 0.003 χ^2 /NDF:2775.7/20

Left: 0.286 $\pm$ 0.002 χ^2 /NDF: 5047.1/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.279 $\pm$ 0.003 χ^2 /NDF:2775.7/20
 Out: 0.293 $\pm$ 0.003 χ^2 /NDF:2261.4/21
 All: 0.286 $\pm$ 0.002 χ^2 /NDF: 5047.1/42

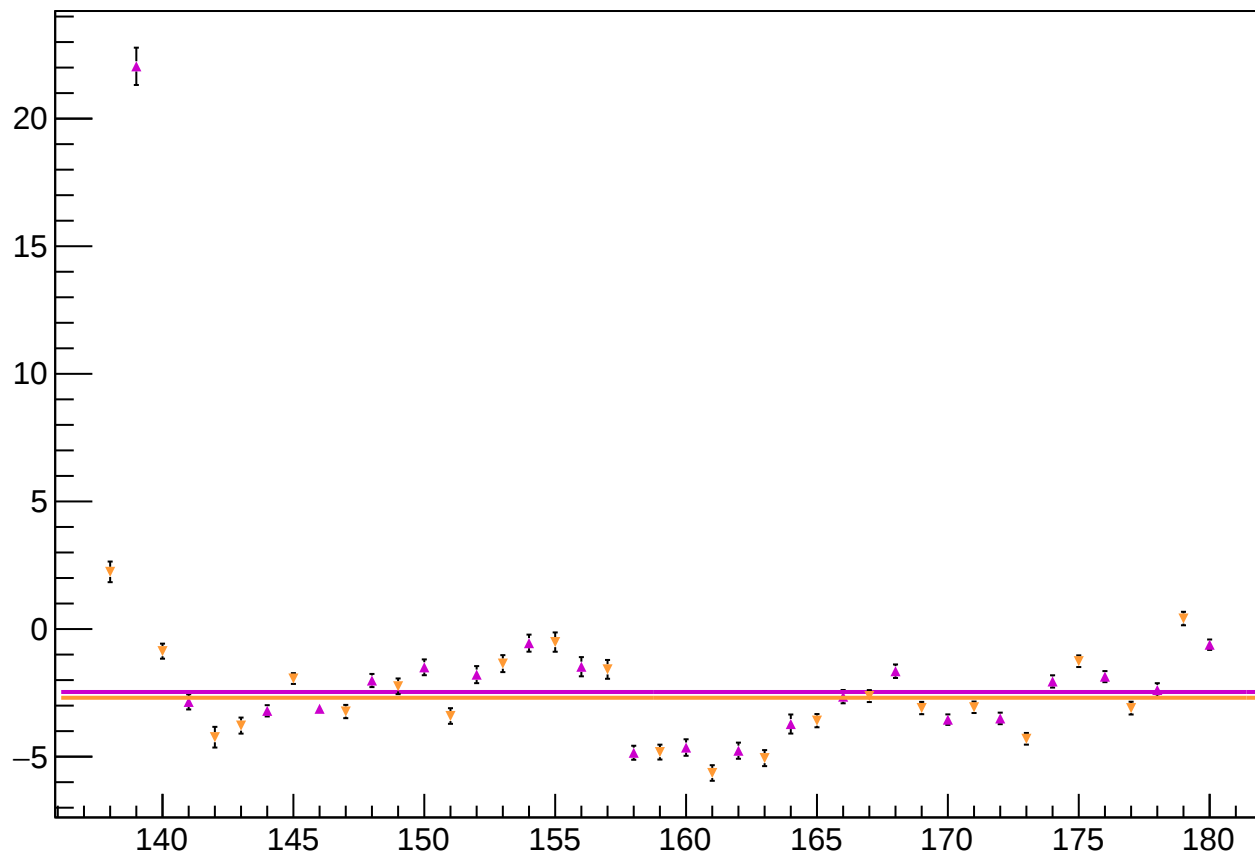
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.869+/-0.077 χ^2/NDF :1746.4/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.072+/-0.073 χ^2/NDF :2048.2/20

Left: 0.450+/-0.053 χ^2/NDF : 3851.5/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.072+/-0.073 χ^2/NDF :2048.2/20
 Out: 0.869+/-0.077 χ^2/NDF :1746.4/21
 All: 0.450+/-0.053 χ^2/NDF : 3851.5/42

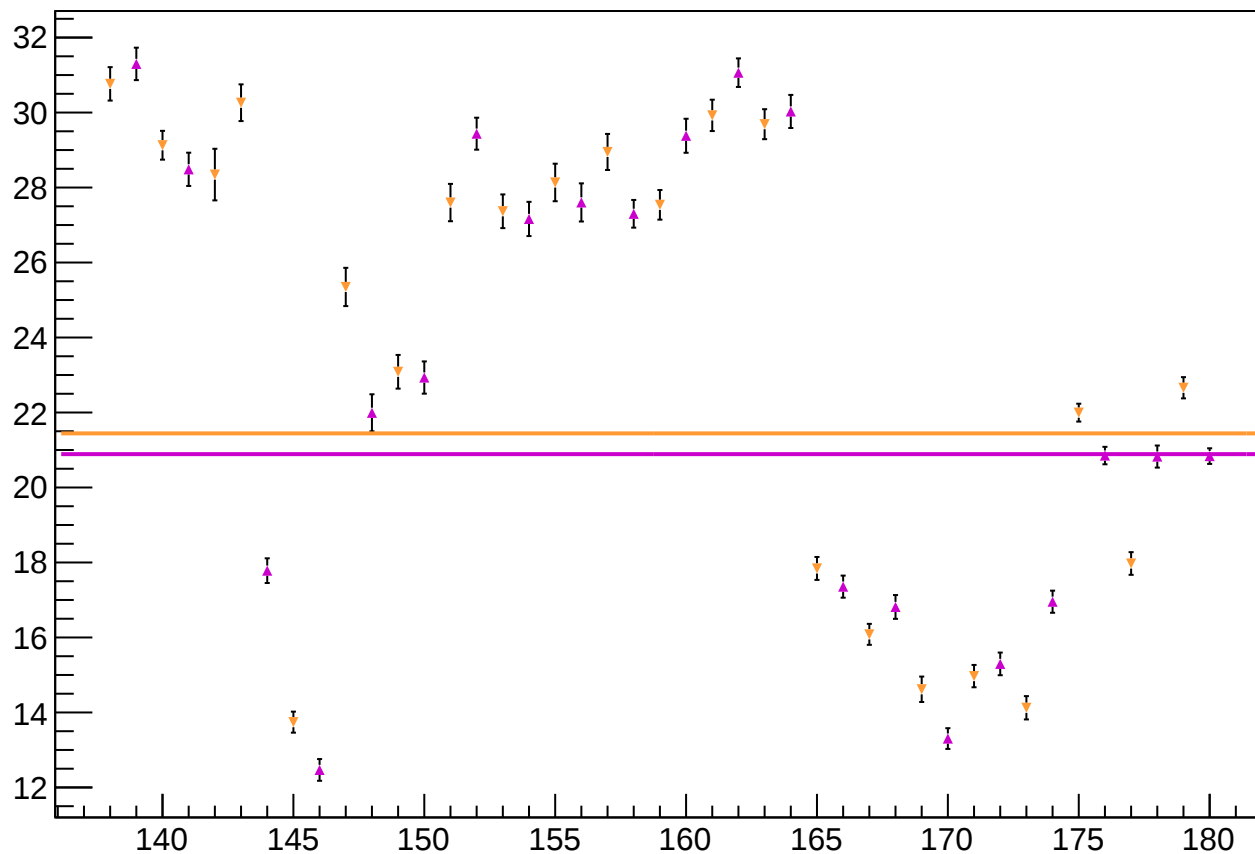
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.692+/-0.059 χ^2/NDF : 746.7/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.466+/-0.058 χ^2/NDF : 1542.3/20

Left: -2.577+/-0.041 χ^2/NDF : 2296.6/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.466+/-0.058 χ^2/NDF : 1542.3/20
 Out: -2.692+/-0.059 χ^2/NDF : 746.7/21
 All: -2.577+/-0.041 χ^2/NDF : 2296.6/42

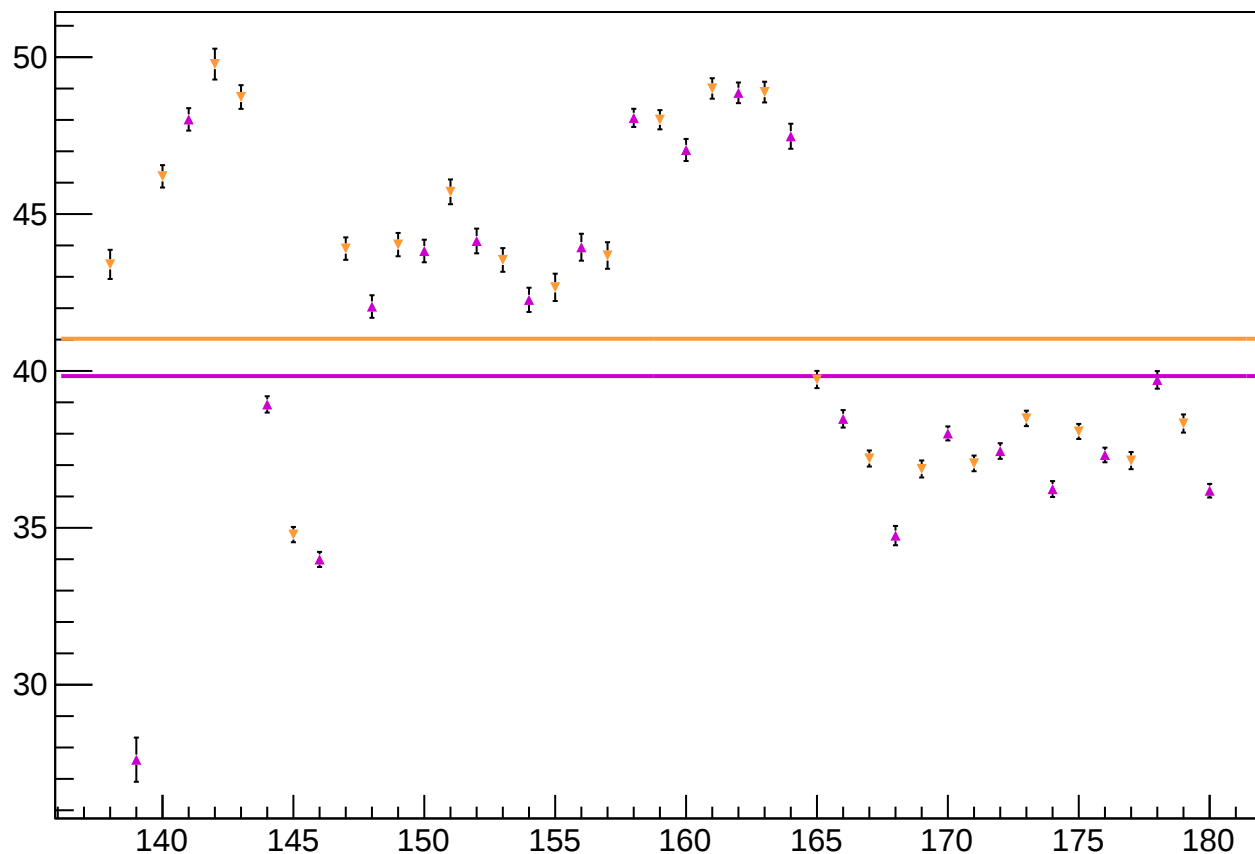
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.443+/-0.077 χ^2/NDF :6005.6/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.890+/-0.073 χ^2/NDF :5969.6/20

Left: 21.151+/-0.053 χ^2/NDF : 12002.7/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.890+/-0.073 χ^2/NDF :5969.6/20
 Out: 21.443+/-0.077 χ^2/NDF :6005.6/21
 All: 21.151+/-0.053 χ^2/NDF : 12002.7/42

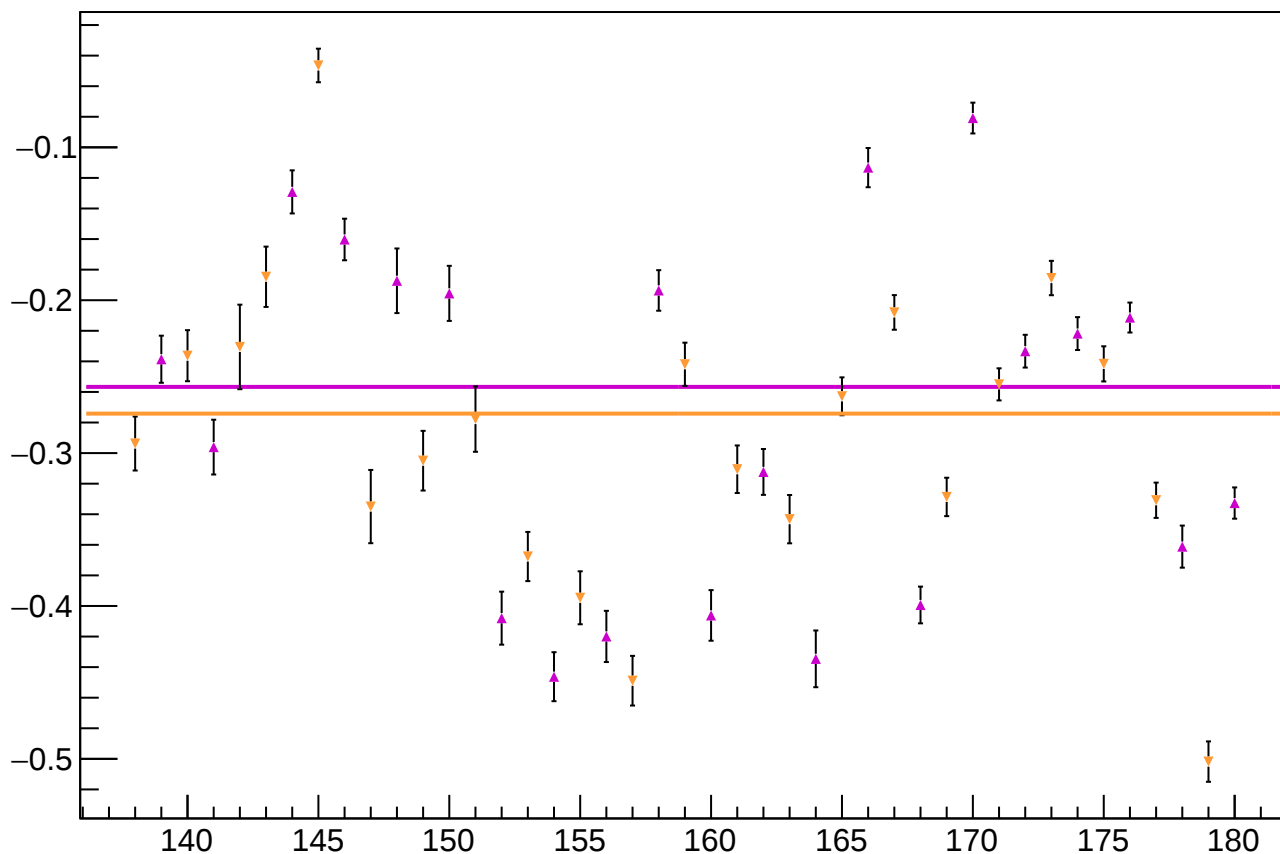
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.027+/-0.067 χ^2/NDF :4945.8/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.836+/-0.065 χ^2/NDF :5239.2/20

Left: 40.415+/-0.046 χ^2/NDF : 10349.6/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.836+/-0.065 χ^2/NDF :5239.2/20
 Out: 41.027+/-0.067 χ^2/NDF :4945.8/21
 All: 40.415+/-0.046 χ^2/NDF : 10349.6/42

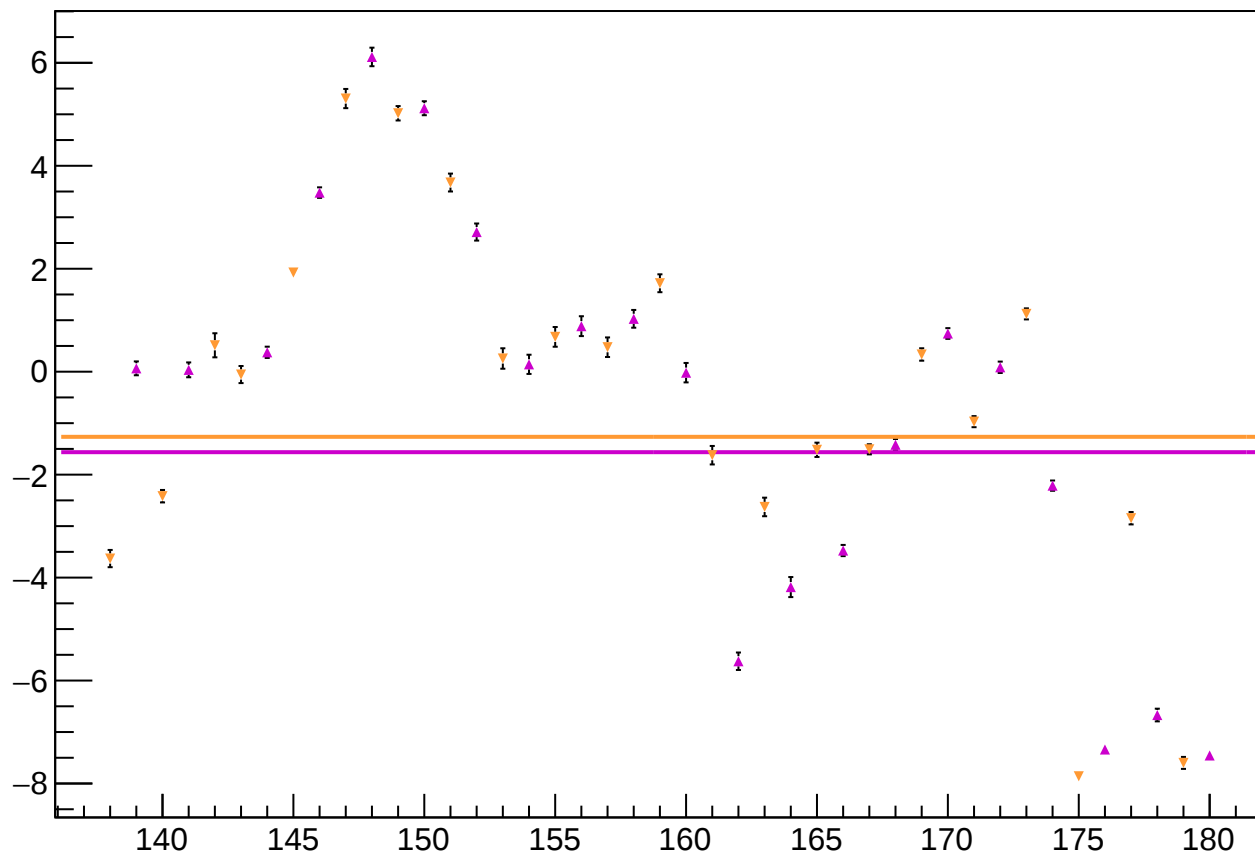
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.274+/-0.003 χ^2/NDF :1144.1/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.257+/-0.003 χ^2/NDF :1401.5/20

Left: -0.265+/-0.002 χ^2/NDF : 2562.7/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.257+/-0.003 χ^2/NDF :1401.5/20
 Out: -0.274+/-0.003 χ^2/NDF :1144.1/21
 All: -0.265+/-0.002 χ^2/NDF : 2562.7/42

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



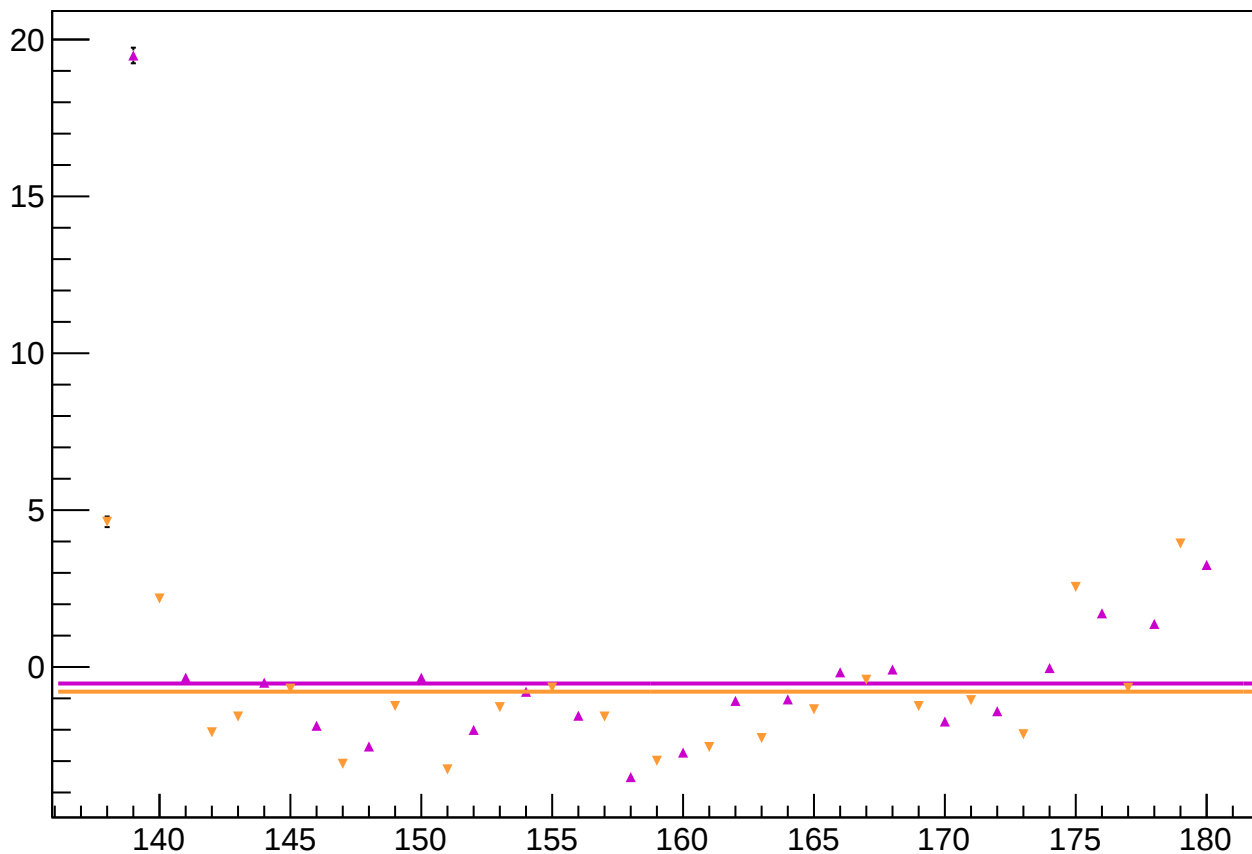
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -1.265 ± 0.029 χ^2/NDF : 15718.0/21
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -1.564 ± 0.027 χ^2/NDF : 20142.0/20

Left: -1.420 ± 0.020 χ^2/NDF : 35916.8/42
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -1.564 ± 0.027 χ^2/NDF : 20142.0/20
 Out: -1.265 ± 0.029 χ^2/NDF : 15718.0/21

All: -1.420 ± 0.020 χ^2/NDF : 35916.8/42

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: -0.786+/-0.022 χ^2/NDF : 7873.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.527+/-0.022 χ^2/NDF : 11751.3/20

Left: -0.655+/-0.015 χ^2/NDF : 19696.4/42

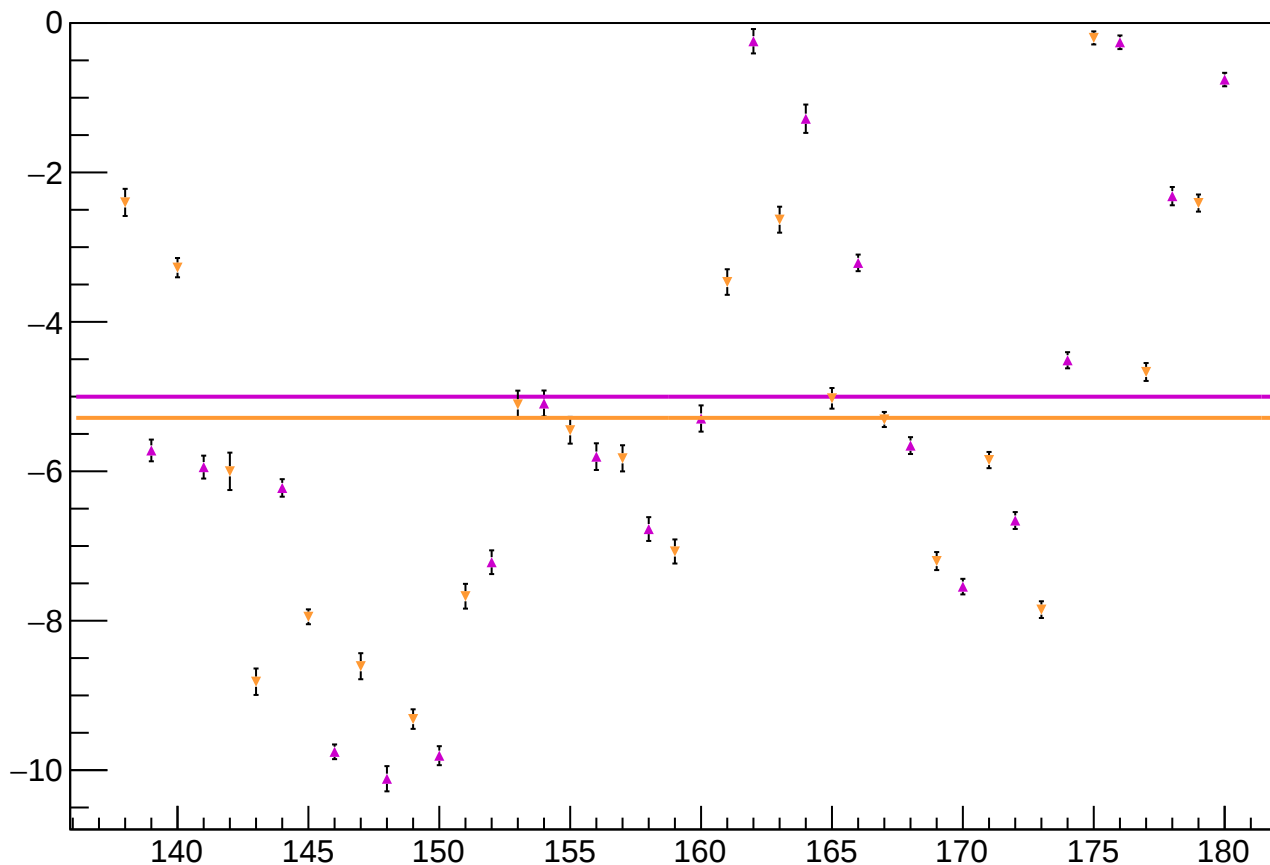
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.527+/-0.022 χ^2/NDF : 11751.3/20

Out: -0.786+/-0.022 χ^2/NDF : 7873.8/21

All: -0.655+/-0.015 χ^2/NDF : 19696.4/42

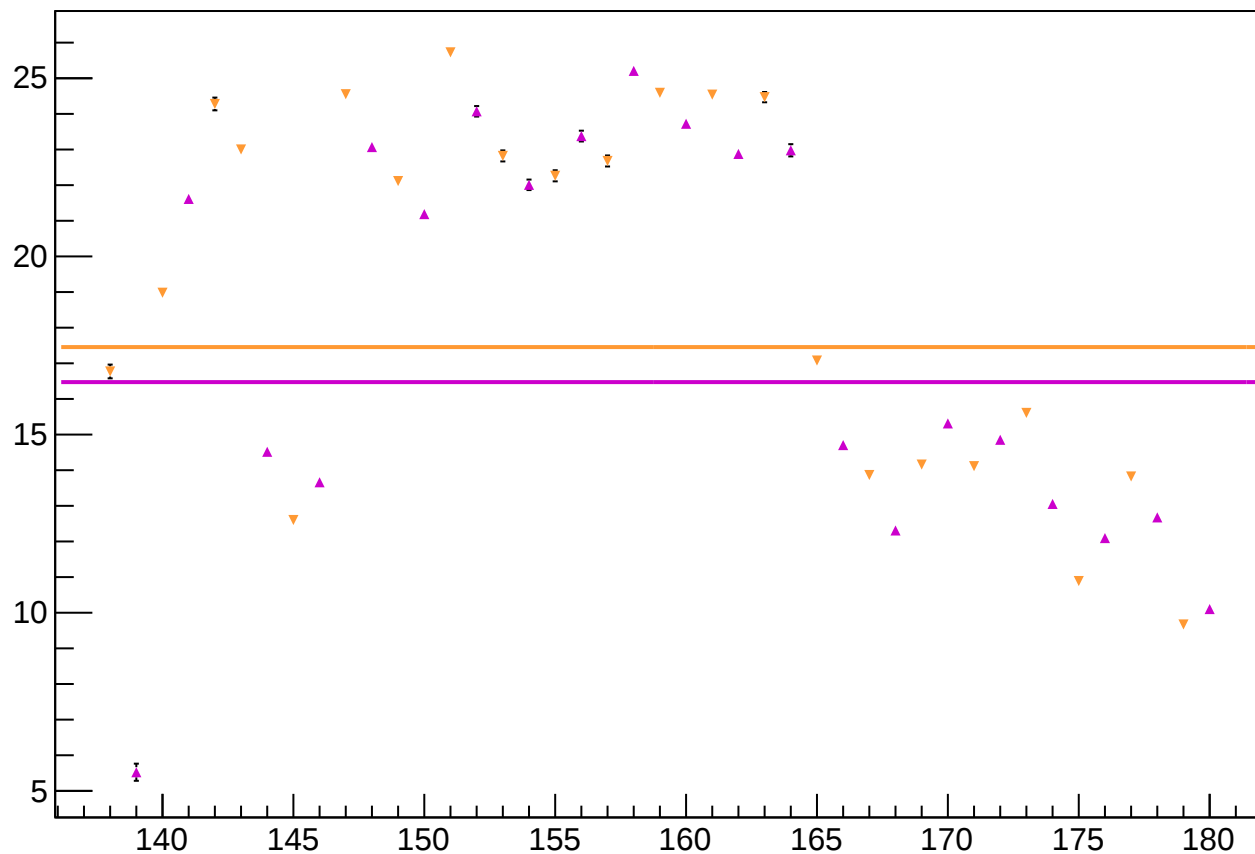
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -5.285 $\pm$ 0.029 χ^2 /NDF:8456.1/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.002 $\pm$ 0.027 χ^2 /NDF:12948.0/20

Left: -5.137 $\pm$ 0.020 χ^2 /NDF: 21455.4/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.002 $\pm$ 0.027 χ^2 /NDF:12948.0/20
 Out: -5.285 $\pm$ 0.029 χ^2 /NDF:8456.1/21
 All: -5.137 $\pm$ 0.020 χ^2 /NDF: 21455.4/42

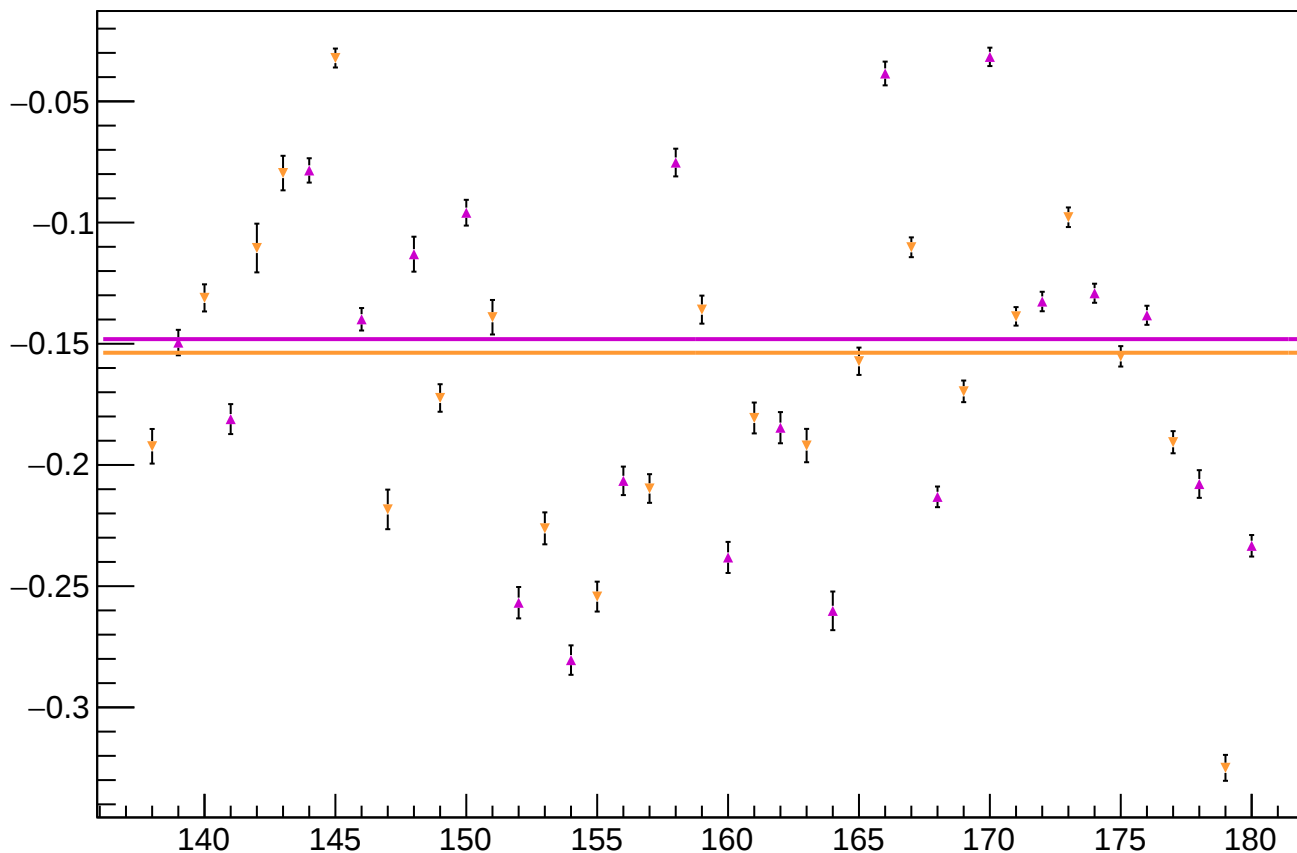
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 17.456 $\pm$ 0.025 χ^2 /NDF:42622.7/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 16.472 $\pm$ 0.024 χ^2 /NDF:38980.3/20

Left: 16.956 $\pm$ 0.017 χ^2 /NDF: 82403.1/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 16.472 $\pm$ 0.024 χ^2 /NDF:38980.3/20
 Out: 17.456 $\pm$ 0.025 χ^2 /NDF:42622.7/21
 All: 16.956 $\pm$ 0.017 χ^2 /NDF: 82403.1/42

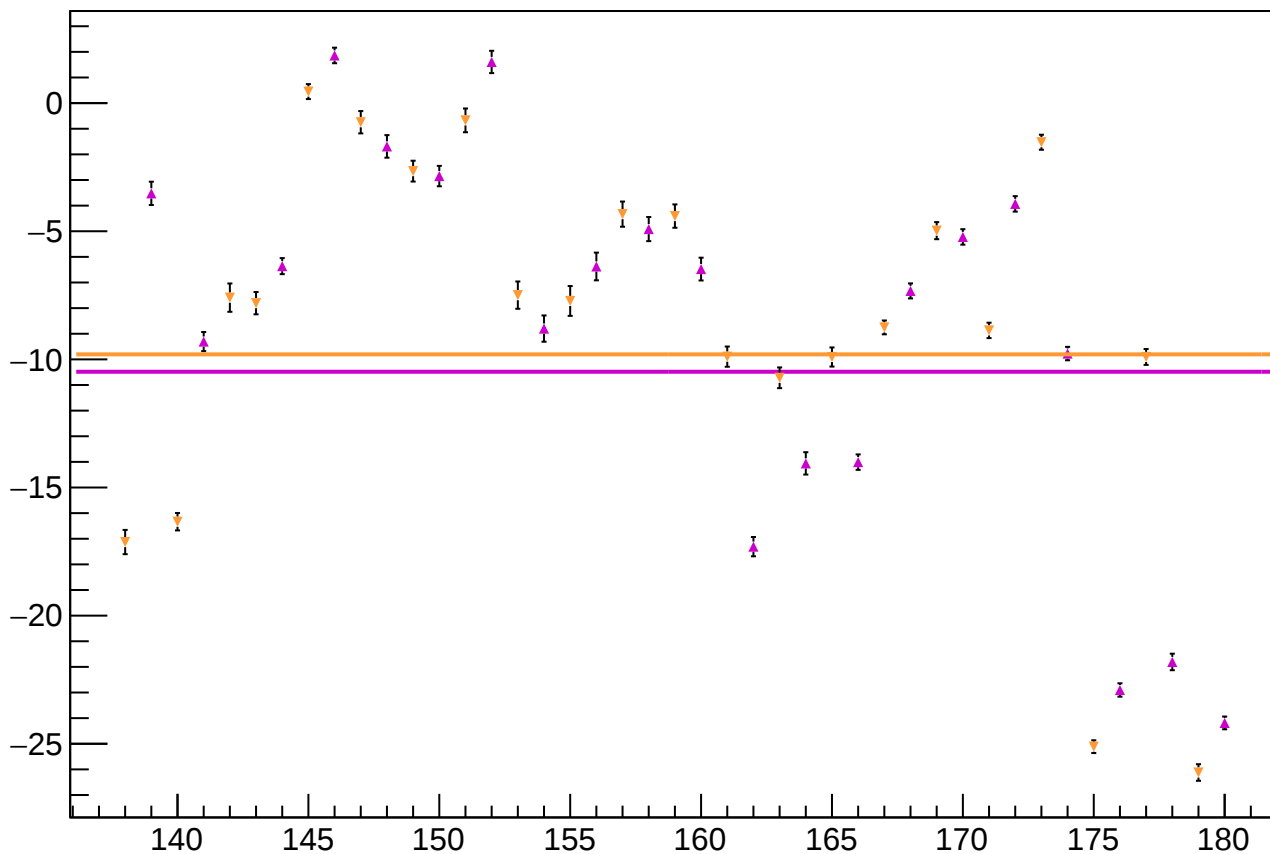
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.154 $\pm$ 0.001 χ^2 /NDF:3177.8/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.148 $\pm$ 0.001 χ^2 /NDF:3986.6/20

Left: -0.151 $\pm$ 0.001 χ^2 /NDF: 7176.9/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.148 $\pm$ 0.001 χ^2 /NDF:3986.6/20
 Out: -0.154 $\pm$ 0.001 χ^2 /NDF:3177.8/21
 All: -0.151 $\pm$ 0.001 χ^2 /NDF: 7176.9/42

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.804+/-0.078 χ^2/NDF :10655.0/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.483+/-0.075 χ^2/NDF :11856.8/20

Left: -10.156+/-0.054 χ^2/NDF : 22551.4/42

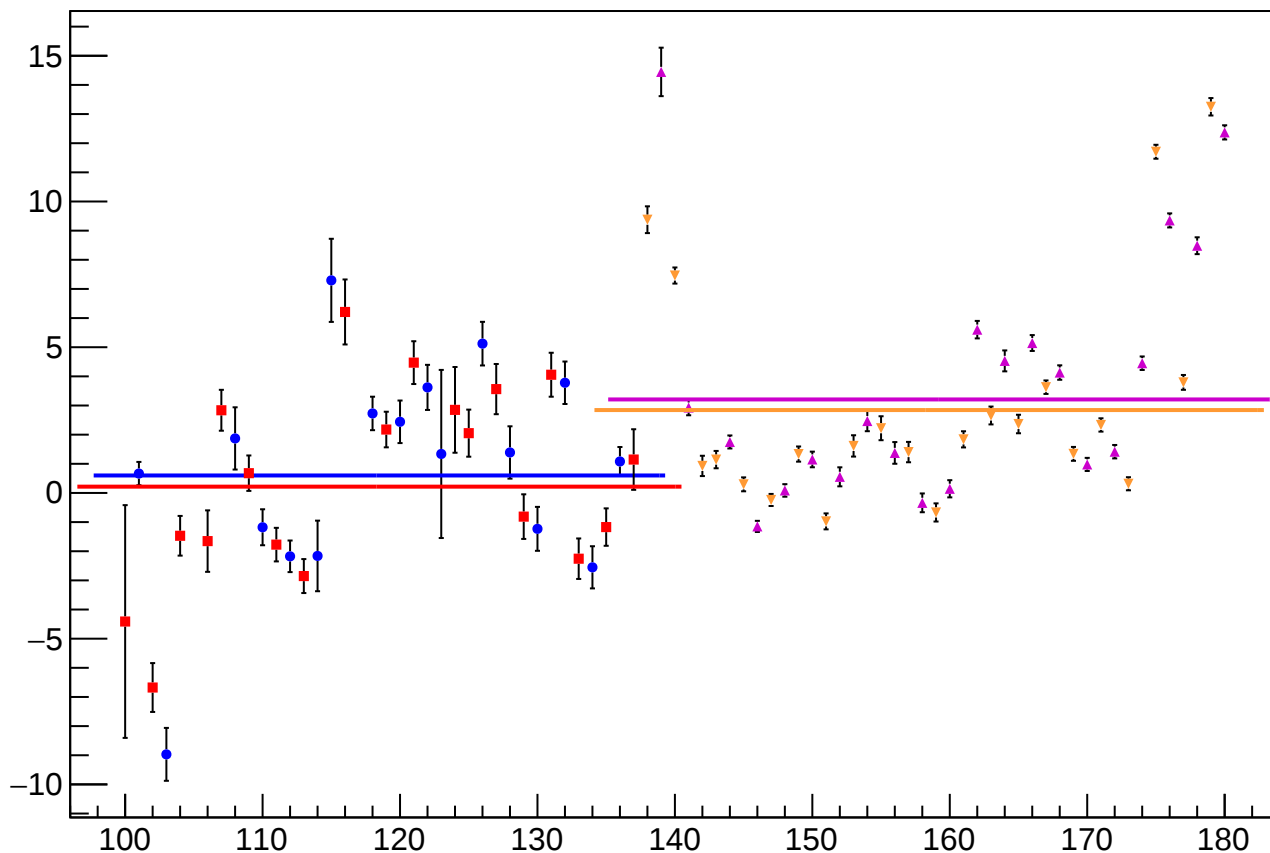
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.483+/-0.075 χ^2/NDF :11856.8/20

Out: -9.804+/-0.078 χ^2/NDF :10655.0/21

All: -10.156+/-0.054 χ^2/NDF : 22551.4/42

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 2.844 $\pm$ 0.059 χ^2 /NDF:4060.5/21

Right Out: 0.216 $\pm$ 0.175 χ^2 /NDF: 274.5/18

Left In: 3.208 $\pm$ 0.058 χ^2 /NDF:4062.9/20

Left: 3.028 $\pm$ 0.041 χ^2 /NDF: 8142.9/42

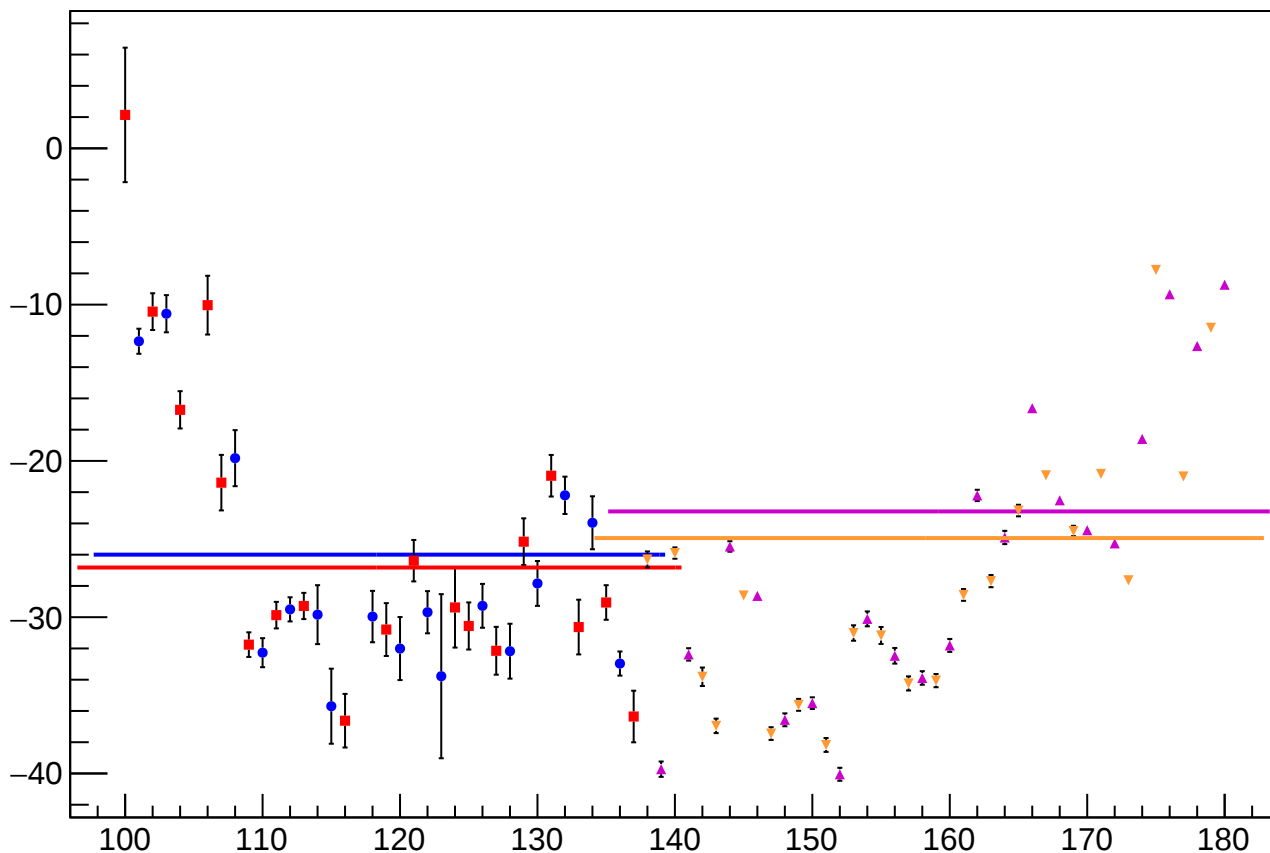
Right: 0.414 $\pm$ 0.122 χ^2 /NDF: 568.9/35

In: 2.933 $\pm$ 0.055 χ^2 /NDF:4567.3/37

Out: 2.578 $\pm$ 0.056 χ^2 /NDF:4538.6/40

All: 2.758 $\pm$ 0.039 χ^2 /NDF: 9126.7/78

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 $\chi^2/\text{NDF}: 692.6/16$
 Left Out: -24.938 ± 0.078 $\chi^2/\text{NDF}: 12157.6/21$
 Right Out: -26.821 ± 0.298 $\chi^2/\text{NDF}: 580.9/18$
 Left In: -23.234 ± 0.075 $\chi^2/\text{NDF}: 15614.2/20$

Left: -24.054 ± 0.054 $\chi^2/\text{NDF}: 28022.6/42$

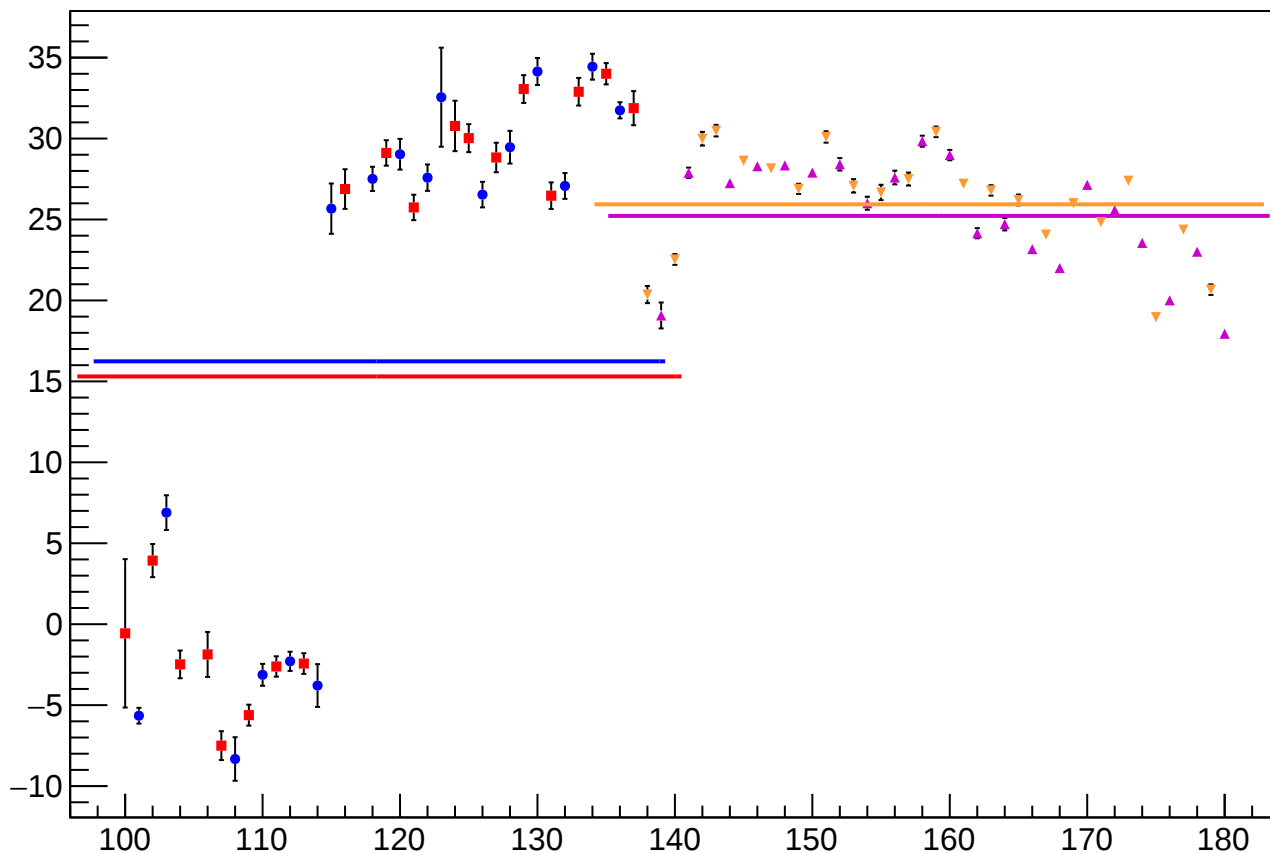
Right: -26.413 ± 0.211 $\chi^2/\text{NDF}: 1277.3/35$

In: -23.395 ± 0.072 $\chi^2/\text{NDF}: 16386.7/37$

Out: -25.058 ± 0.075 $\chi^2/\text{NDF}: 12776.0/40$

All: -24.198 ± 0.052 $\chi^2/\text{NDF}: 29417.0/78$

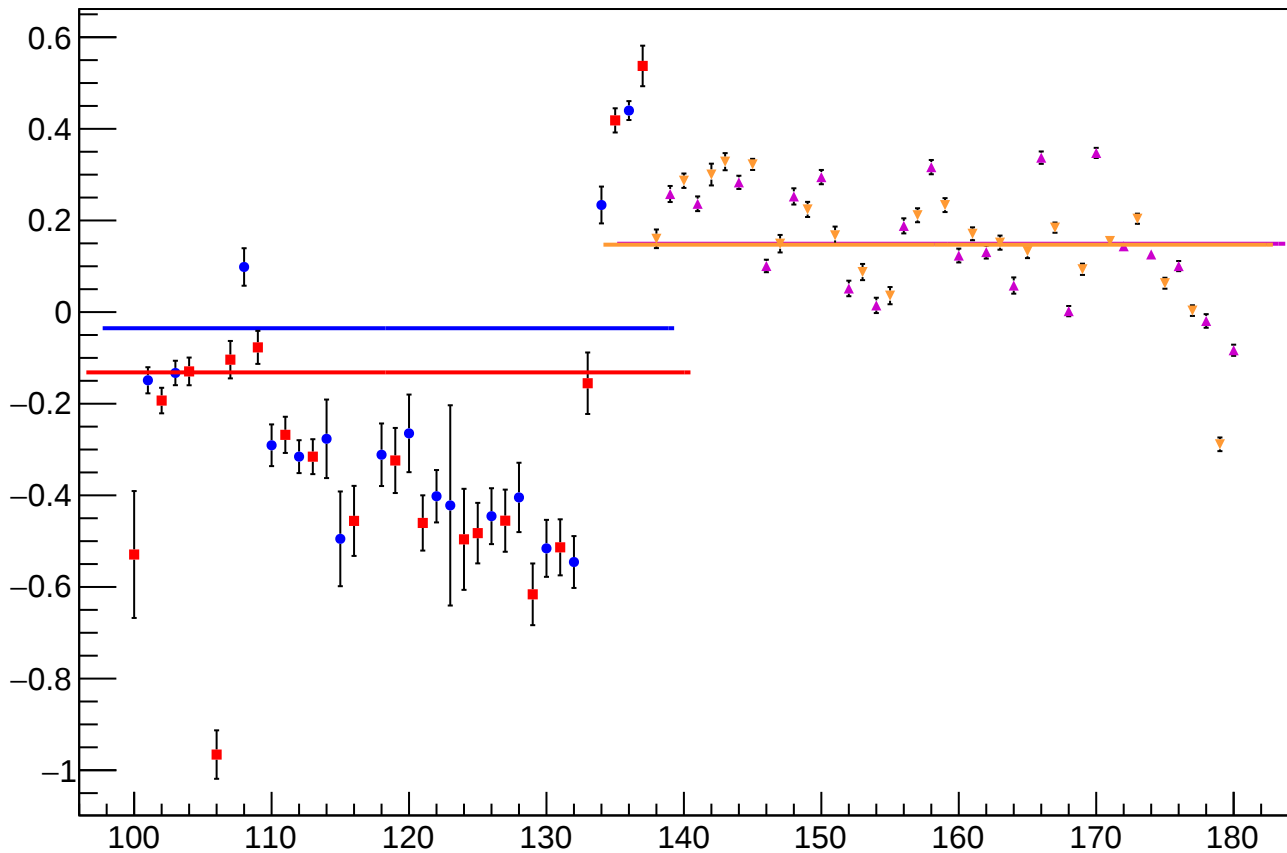
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16
 Left Out: 25.938 $\pm$ 0.067 χ^2 /NDF:2180.3/21
 Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18
 Left In: 25.223 $\pm$ 0.066 χ^2 /NDF:2500.9/20

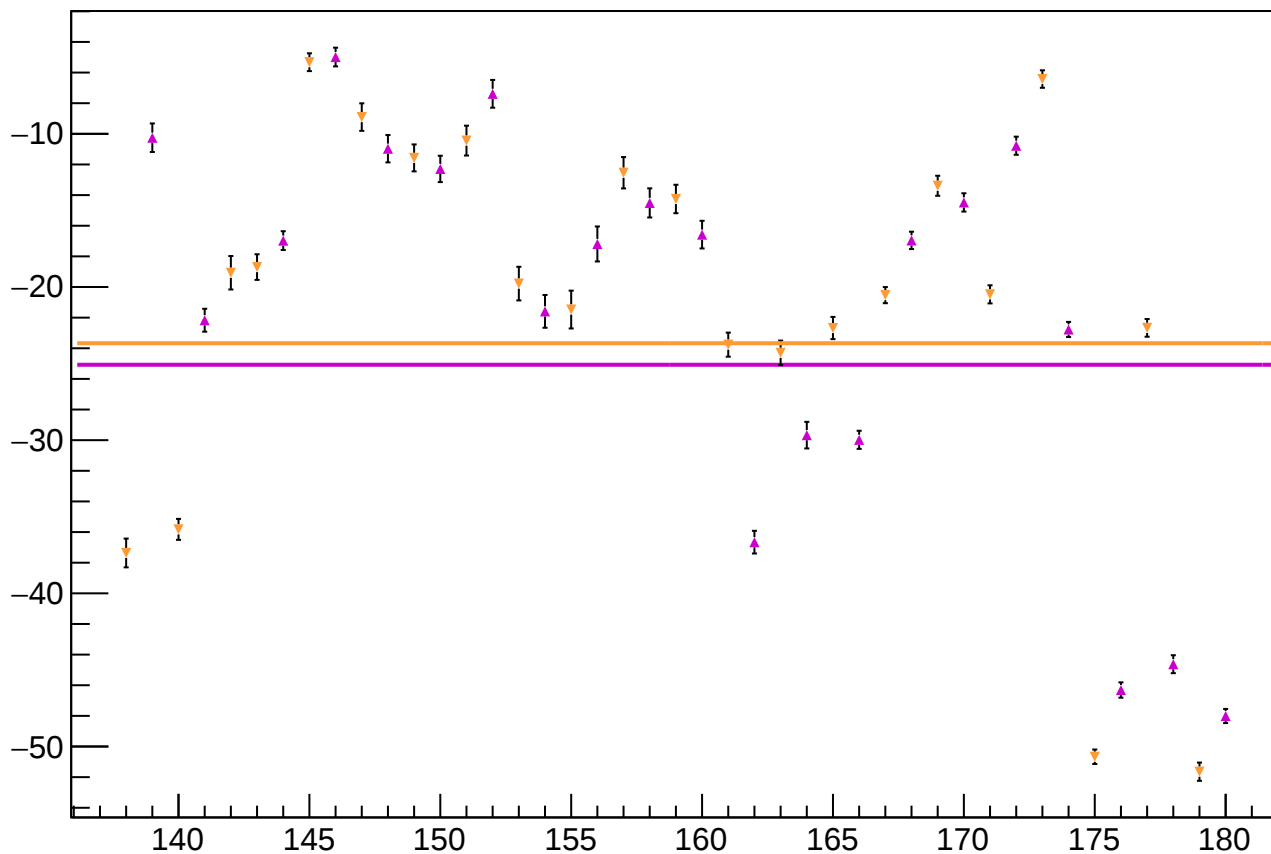
Left: 25.575 $\pm$ 0.047 χ^2 /NDF: 4739.7/42
 Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35
 In: 24.275 $\pm$ 0.062 χ^2 /NDF:12052.8/37
 Out: 24.848 $\pm$ 0.063 χ^2 /NDF:12066.9/40
 All: 24.557 $\pm$ 0.044 χ^2 /NDF: 24161.5/78

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.148 ± 0.002 χ^2/NDF : 3400.2/42
 Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35
 In: 0.135 ± 0.003 χ^2/NDF : 3048.2/37
 Out: 0.125 ± 0.003 χ^2/NDF : 3495.0/40
 All: 0.130 ± 0.002 χ^2/NDF : 6549.2/78

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: -23.671+/-0.153 χ^2/NDF : 9130.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -25.077+/-0.147 χ^2/NDF : 9489.9/20

Left: -24.403+/-0.106 χ^2/NDF : 18664.7/42

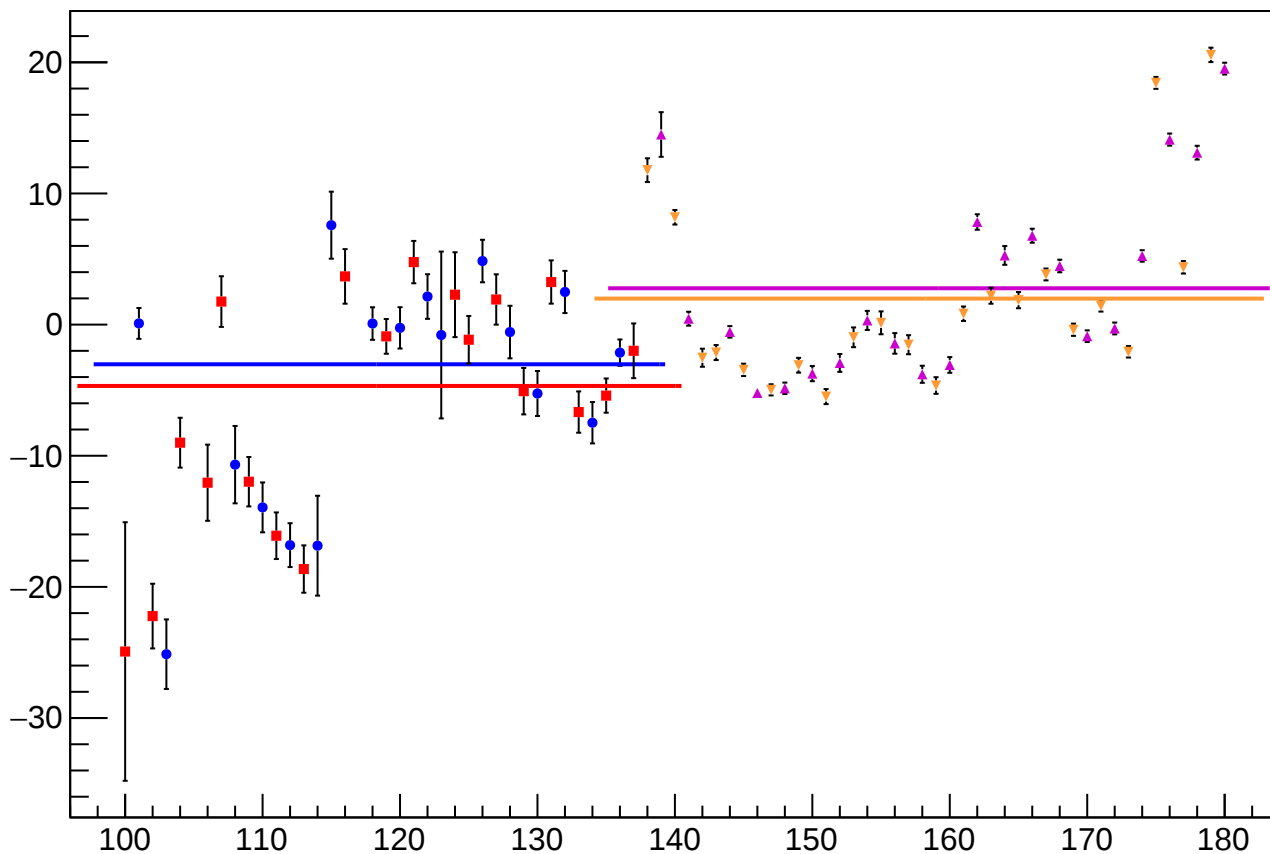
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.077+/-0.147 χ^2/NDF : 9489.9/20

Out: -23.671+/-0.153 χ^2/NDF : 9130.8/21

All: -24.403+/-0.106 χ^2/NDF : 18664.7/42

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 $\pm$ 0.408 χ^2 /NDF: 280.6/16

Left Out: 1.985 $\pm$ 0.116 χ^2 /NDF:3748.4/21

Right Out: -4.678 $\pm$ 0.426 χ^2 /NDF: 299.1/18

Left In: 2.771 $\pm$ 0.114 χ^2 /NDF:3975.7/20

Left: 2.383 $\pm$ 0.082 χ^2 /NDF: 7747.3/42

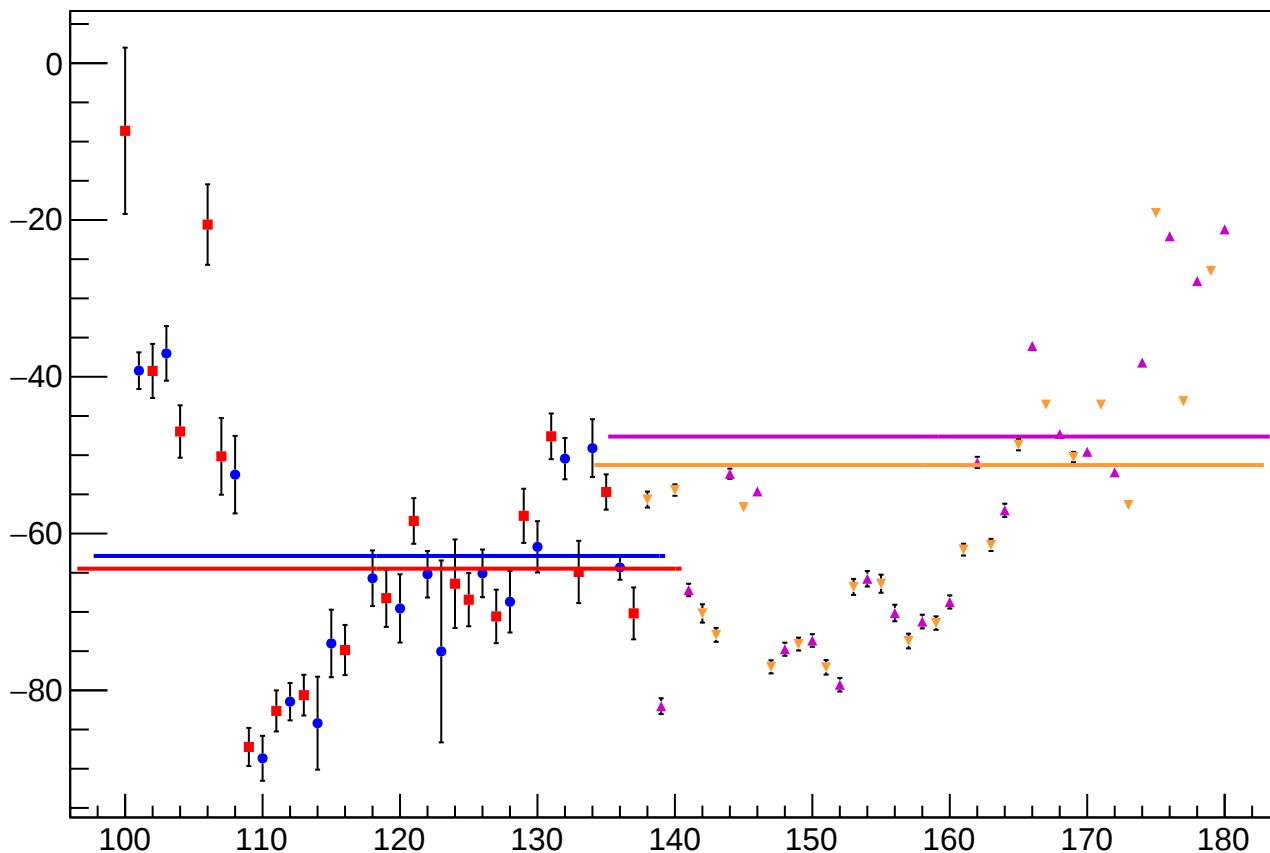
Right: -3.816 $\pm$ 0.295 χ^2 /NDF: 587.6/35

In: 2.348 $\pm$ 0.110 χ^2 /NDF:4443.3/37

Out: 1.524 $\pm$ 0.112 χ^2 /NDF:4275.0/40

All: 1.943 $\pm$ 0.079 χ^2 /NDF: 8745.8/78

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: -49.370 ± 0.106 $\chi^2/\text{NDF}: 28200.8/42$

Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -48.204 ± 0.144 $\chi^2/\text{NDF}: 16321.1/37$

Out: -51.790 ± 0.150 $\chi^2/\text{NDF}: 13102.2/40$

All: -49.924 ± 0.104 $\chi^2/\text{NDF}: 29721.9/78$

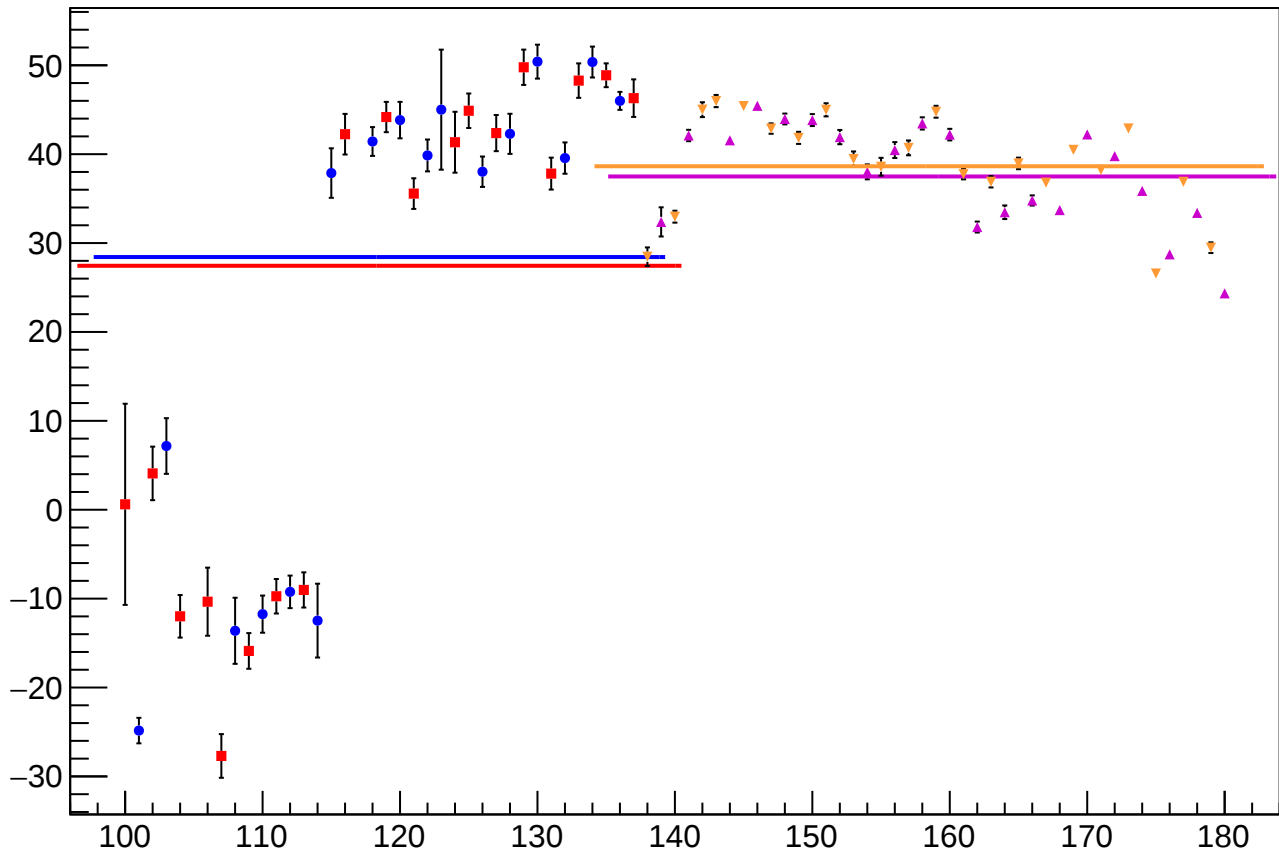
Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -51.265 ± 0.153 $\chi^2/\text{NDF}: 12361.0/21$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -47.628 ± 0.147 $\chi^2/\text{NDF}: 15544.6/20$

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: 38.640 $\pm$ 0.132 χ^2 /NDF:1729.1/21

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 37.491 $\pm$ 0.129 χ^2 /NDF:2199.3/20

Left: 38.055 $\pm$ 0.092 χ^2 /NDF: 3967.2/42

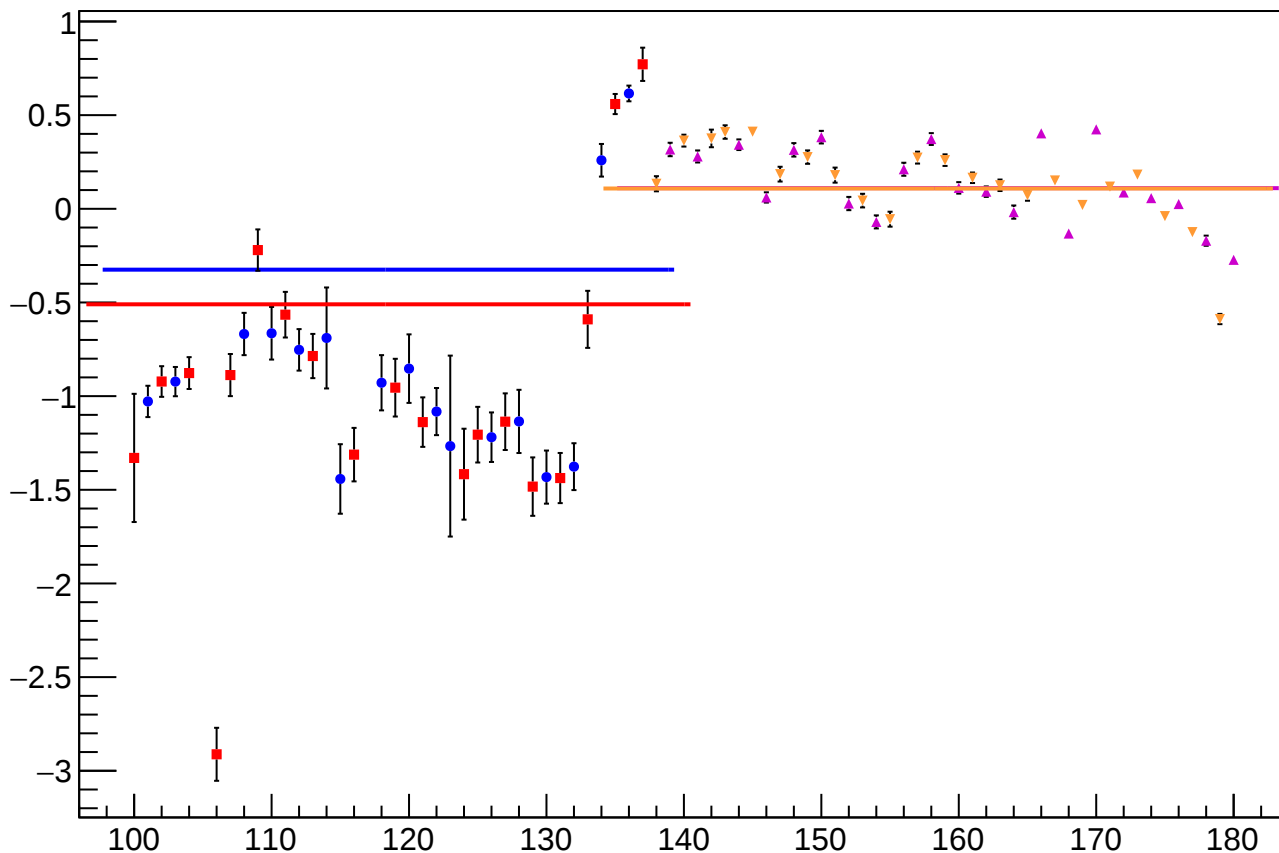
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 36.822 $\pm$ 0.124 χ^2 /NDF:5884.9/37

Out: 37.852 $\pm$ 0.127 χ^2 /NDF:5271.8/40

All: 37.327 $\pm$ 0.089 χ^2 /NDF: 11190.3/78

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: 0.108 ± 0.006 χ^2/NDF : 1263.5/21

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.110 ± 0.006 χ^2/NDF : 1221.2/20

Left: 0.109 ± 0.004 χ^2/NDF : 2484.7/42

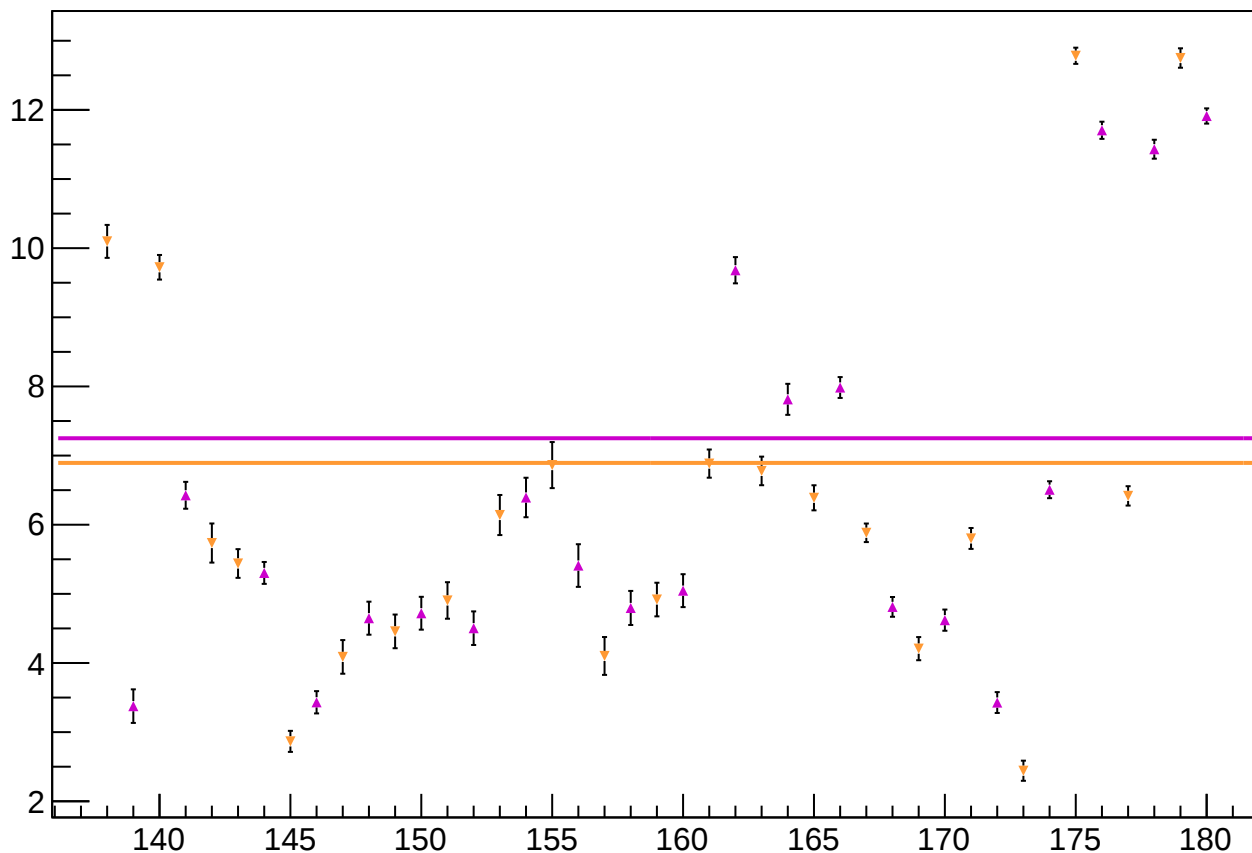
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.087 ± 0.006 χ^2/NDF : 2521.6/37

Out: 0.076 ± 0.006 χ^2/NDF : 2980.8/40

All: 0.081 ± 0.004 χ^2/NDF : 5504.3/78

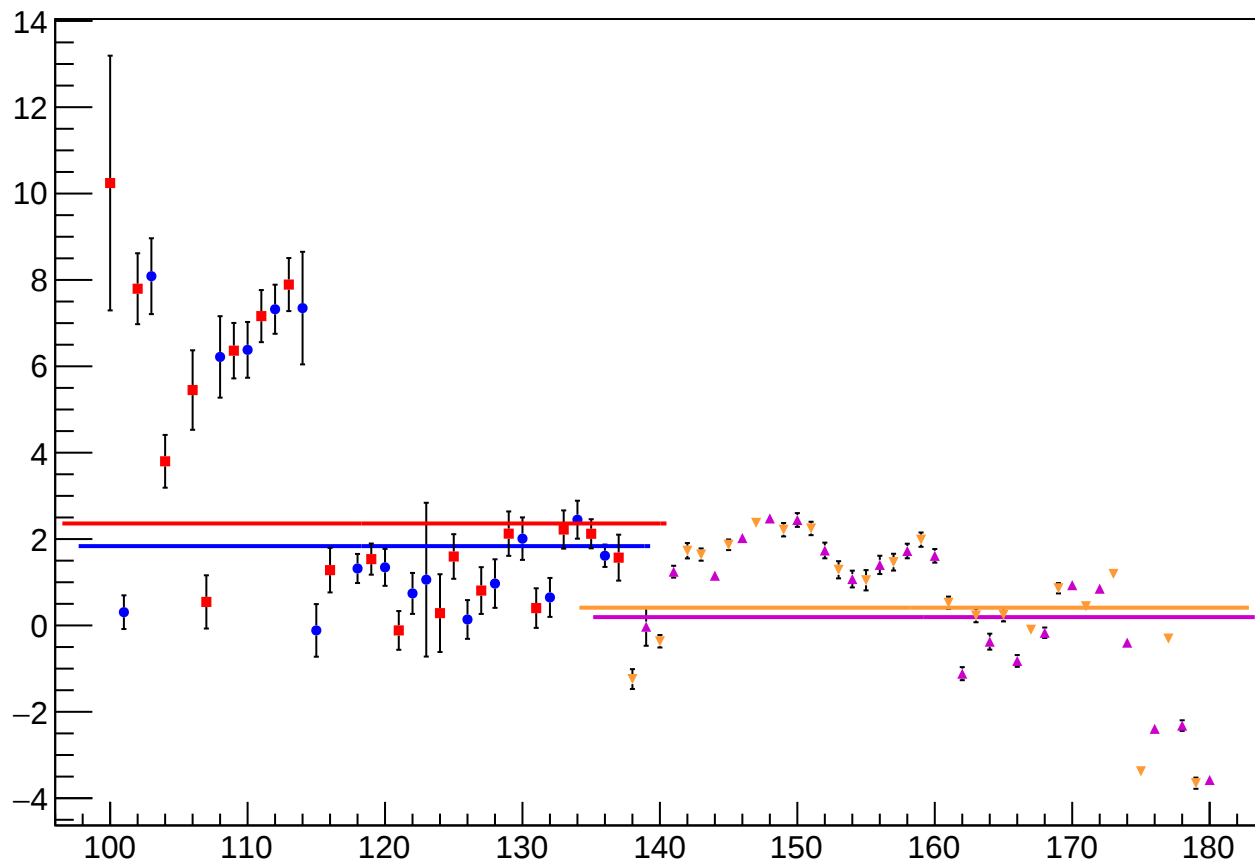
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.894+/-0.039 χ^2/NDF : 7251.0/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.251+/-0.037 χ^2/NDF : 7044.3/20

Left: 7.081+/-0.027 χ^2/NDF : 14339.4/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.251+/-0.037 χ^2/NDF : 7044.3/20
 Out: 6.894+/-0.039 χ^2/NDF : 7251.0/21
 All: 7.081+/-0.027 χ^2/NDF : 14339.4/42

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: 0.411+/-0.030 χ^2/NDF :3309.6/21

Right Out: 2.361+/-0.122 χ^2/NDF : 336.9/18

Left In: 0.193+/-0.029 χ^2/NDF :3763.3/20

Left: 0.300+/-0.021 χ^2/NDF : 7100.3/42

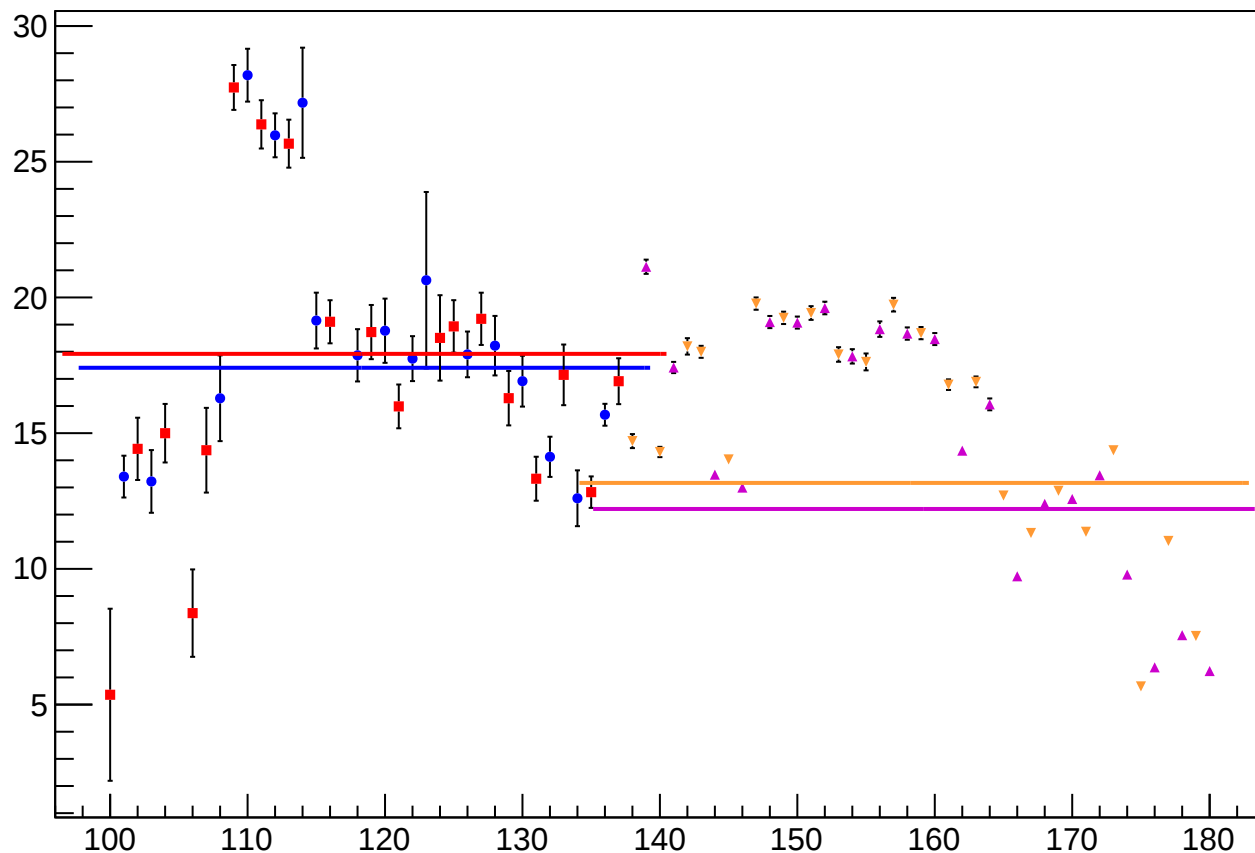
Right: 2.085+/-0.084 χ^2/NDF : 640.7/35

In: 0.290+/-0.028 χ^2/NDF :4245.8/37

Out: 0.520+/-0.029 χ^2/NDF :3885.9/40

All: 0.403+/-0.020 χ^2/NDF : 8163.8/78

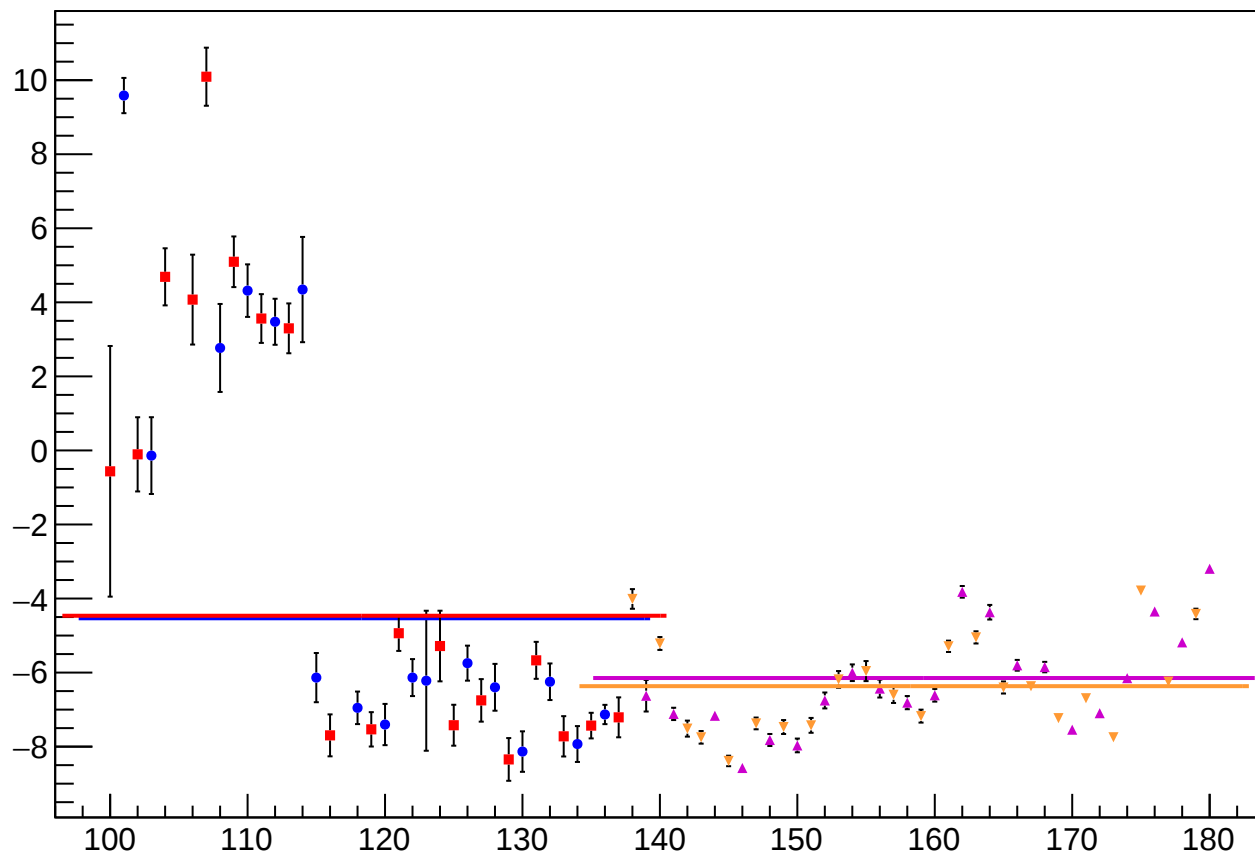
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$
 Left Out: 13.167 ± 0.039 $\chi^2/\text{NDF}: 11873.1/21$
 Right Out: 17.922 ± 0.219 $\chi^2/\text{NDF}: 506.5/18$
 Left In: 12.207 ± 0.037 $\chi^2/\text{NDF}: 14886.1/20$

Left: 12.664 ± 0.027 $\chi^2/\text{NDF}: 27077.5/42$
 Right: 17.657 ± 0.152 $\chi^2/\text{NDF}: 874.4/35$
 In: 12.362 ± 0.037 $\chi^2/\text{NDF}: 15835.6/37$
 Out: 13.313 ± 0.038 $\chi^2/\text{NDF}: 12837.5/40$
 All: 12.815 ± 0.026 $\chi^2/\text{NDF}: 28995.2/78$

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: -6.367 ± 0.034 χ^2/NDF : 1508.8/21

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.147 ± 0.033 χ^2/NDF : 2133.4/20

Left: -6.254 ± 0.024 χ^2/NDF : 3664.1/42

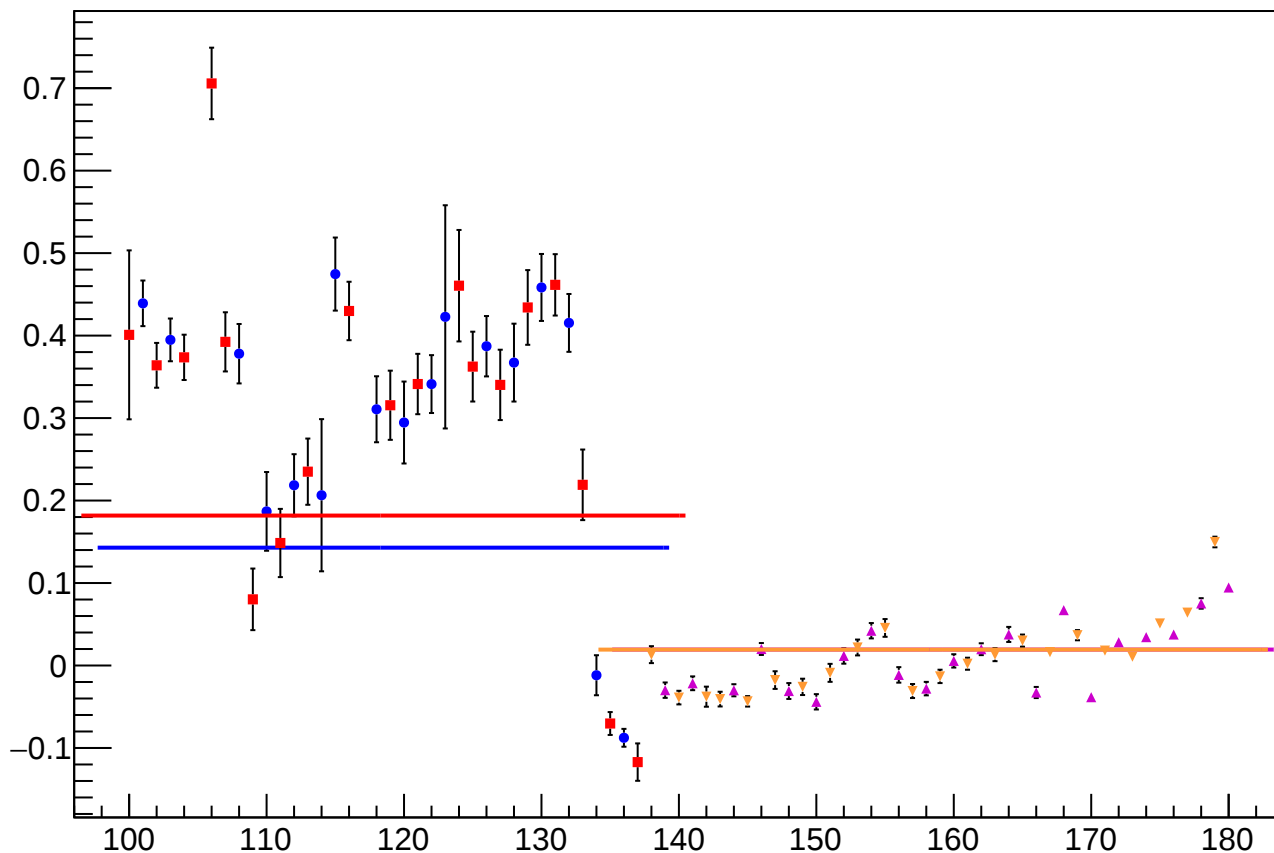
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.049 ± 0.032 χ^2/NDF : 3867.3/37

Out: -6.258 ± 0.033 χ^2/NDF : 3031.8/40

All: -6.151 ± 0.023 χ^2/NDF : 6920.0/78

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: 0.019 ± 0.002 $\chi^2/\text{NDF}: 842.8/21$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: 0.019 ± 0.002 $\chi^2/\text{NDF}: 765.7/20$

Left: 0.019 ± 0.001 $\chi^2/\text{NDF}: 1608.4/42$

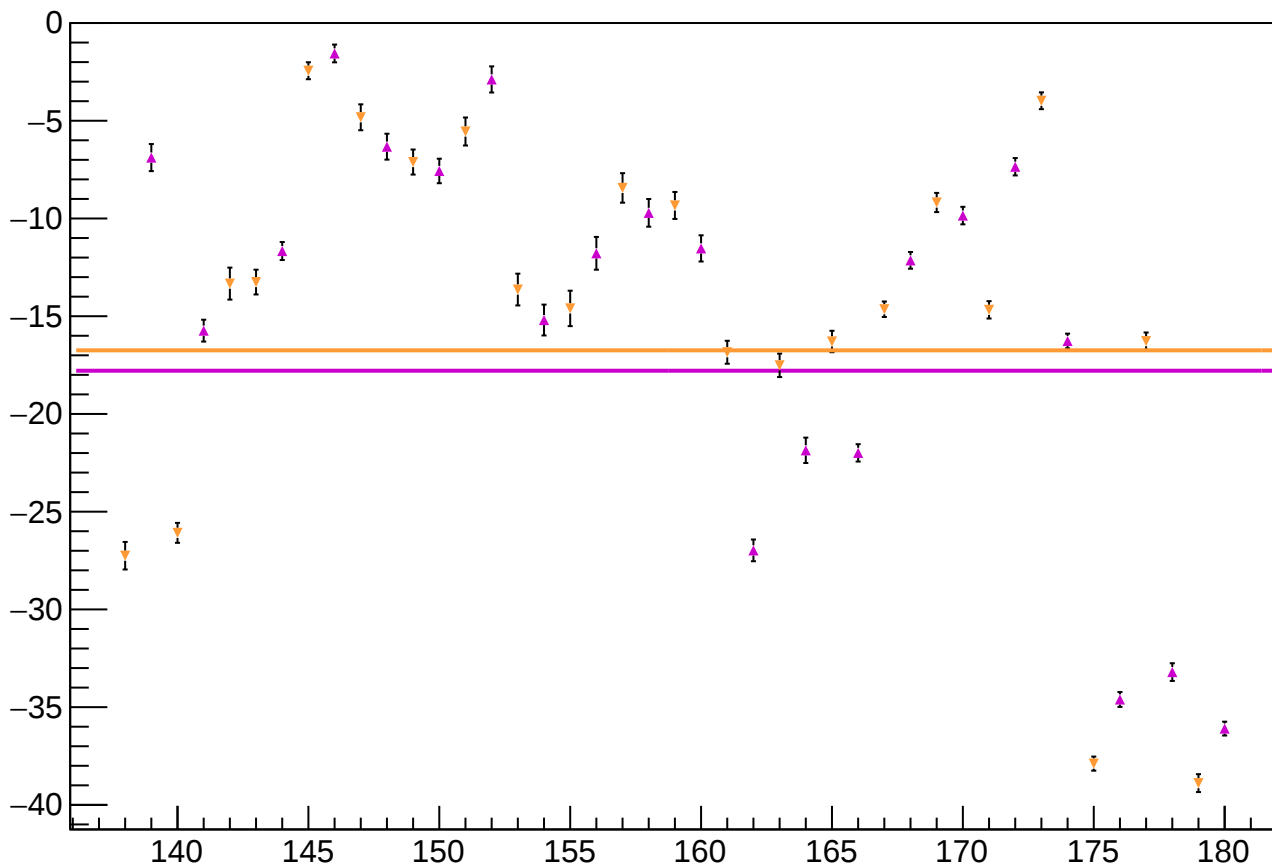
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.025 ± 0.001 $\chi^2/\text{NDF}: 2117.9/37$

Out: 0.026 ± 0.002 $\chi^2/\text{NDF}: 2315.0/40$

All: 0.025 ± 0.001 $\chi^2/\text{NDF}: 4433.3/78$

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: -16.746+/-0.115 χ^2/NDF :9690.1/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.789+/-0.110 χ^2/NDF :10306.6/20

Left: -17.288+/-0.080 χ^2/NDF : 20039.6/42

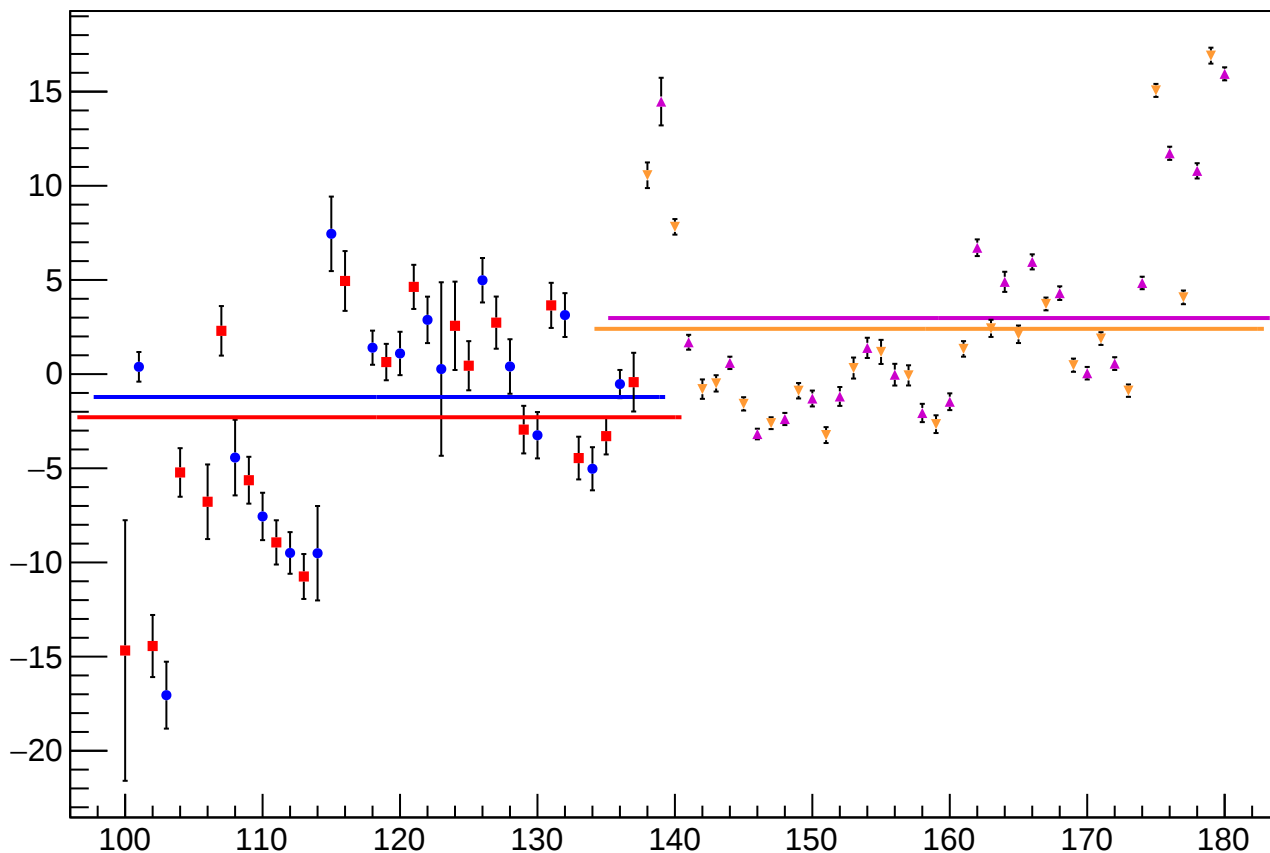
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.789+/-0.110 χ^2/NDF :10306.6/20

Out: -16.746+/-0.115 χ^2/NDF :9690.1/21

All: -17.288+/-0.080 χ^2/NDF : 20039.6/42

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 $\chi^2/\text{NDF}: 278.7/16$

Left Out: 2.404 ± 0.087 $\chi^2/\text{NDF}: 3867.0/21$

Right Out: -2.290 ± 0.302 $\chi^2/\text{NDF}: 287.1/18$

Left In: 2.977 ± 0.086 $\chi^2/\text{NDF}: 4015.7/20$

Left: 2.695 ± 0.061 $\chi^2/\text{NDF}: 7904.7/42$

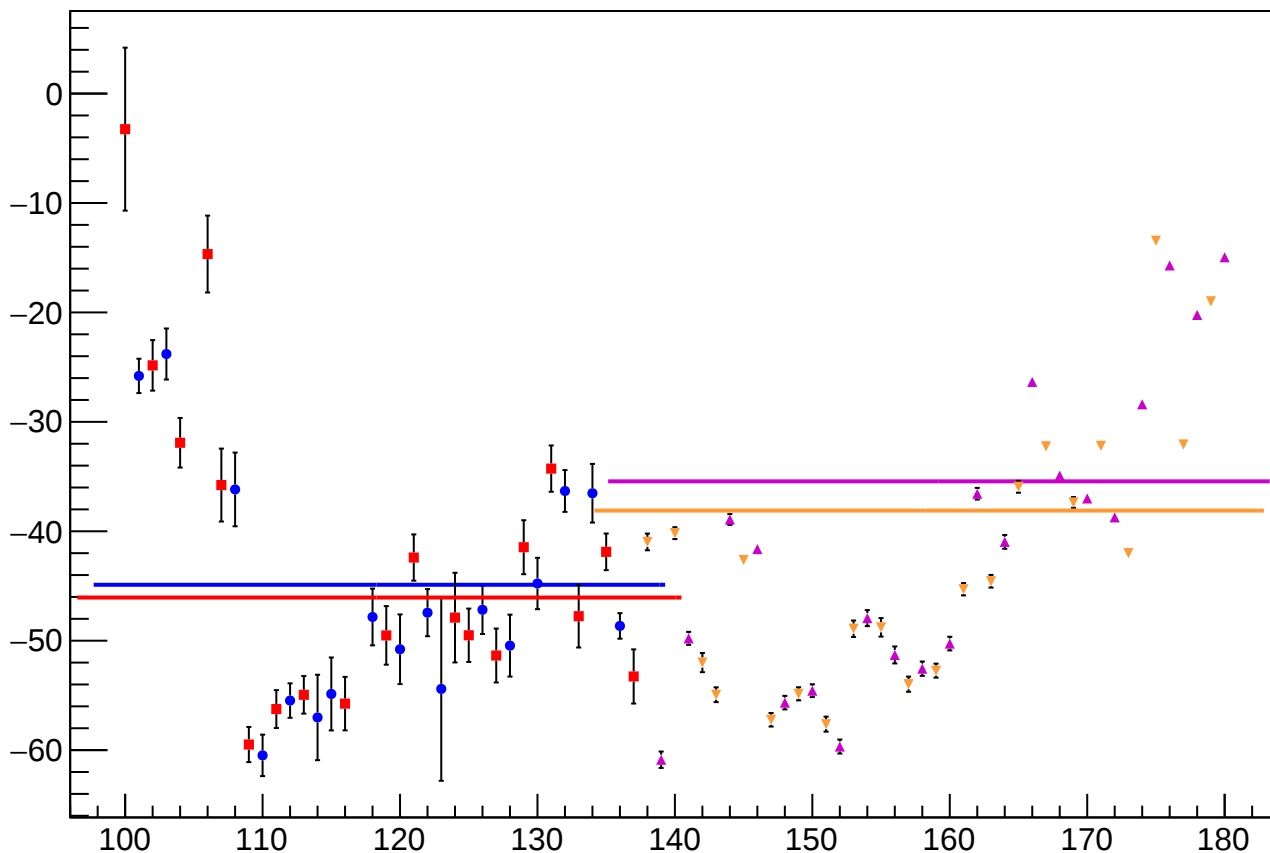
Right: -1.731 ± 0.209 $\chi^2/\text{NDF}: 572.4/35$

In: 2.640 ± 0.082 $\chi^2/\text{NDF}: 4486.1/37$

Out: 2.045 ± 0.084 $\chi^2/\text{NDF}: 4377.1/40$

All: 2.347 ± 0.059 $\chi^2/\text{NDF}: 8888.9/78$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$
 Left Out: -38.109 ± 0.115 $\chi^2/\text{NDF}: 12369.0/21$
 Right Out: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$
 Left In: -35.437 ± 0.110 $\chi^2/\text{NDF}: 15632.5/20$

Left: -36.719 ± 0.079 $\chi^2/\text{NDF}: 28283.5/42$

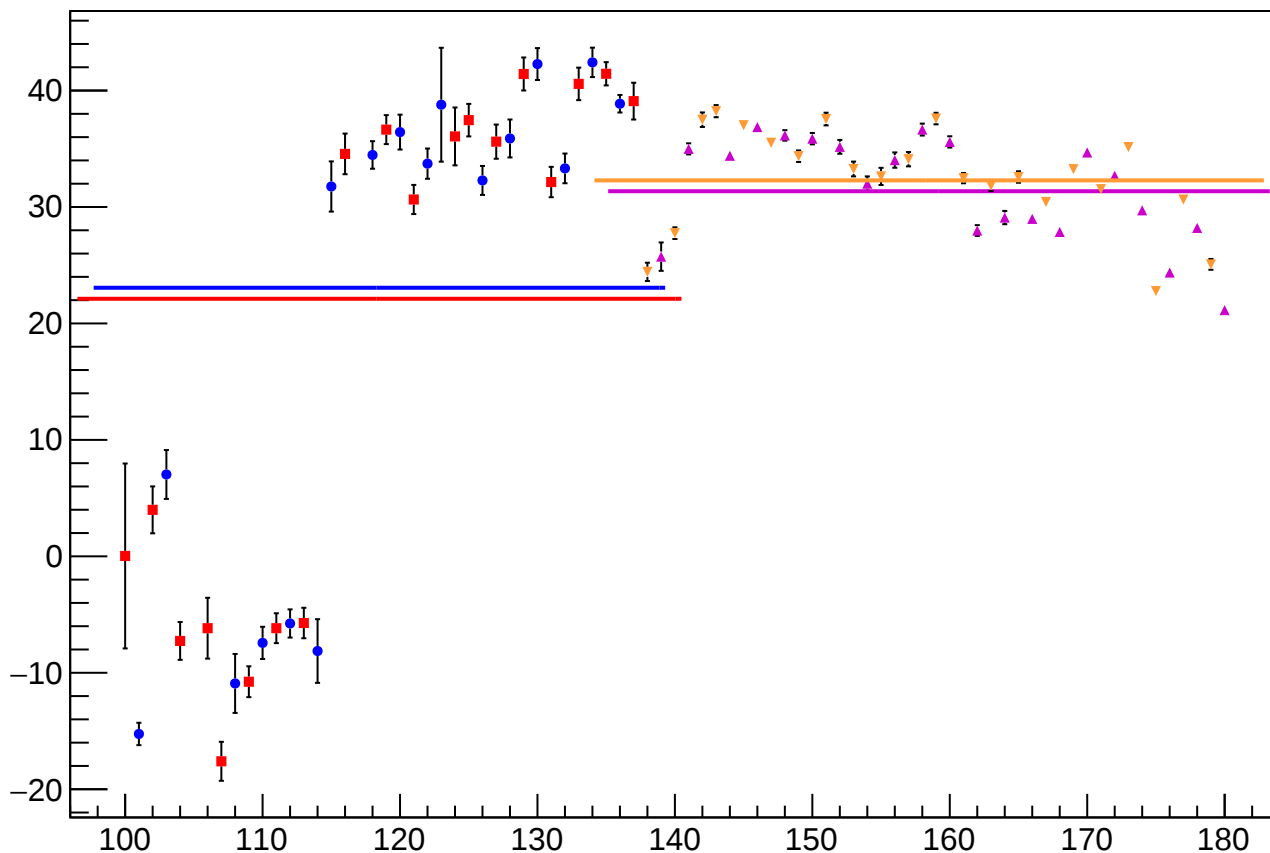
Right: -45.467 ± 0.372 $\chi^2/\text{NDF}: 876.6/35$

In: -35.839 ± 0.108 $\chi^2/\text{NDF}: 16365.2/37$

Out: -38.467 ± 0.112 $\chi^2/\text{NDF}: 13038.9/40$

All: -37.101 ± 0.078 $\chi^2/\text{NDF}: 29689.6/78$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 32.285 $\pm$ 0.099 χ^2 /NDF:1854.9/21

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 31.354 $\pm$ 0.097 χ^2 /NDF:2272.5/20

Left: 31.812 $\pm$ 0.069 χ^2 /NDF: 4172.6/42

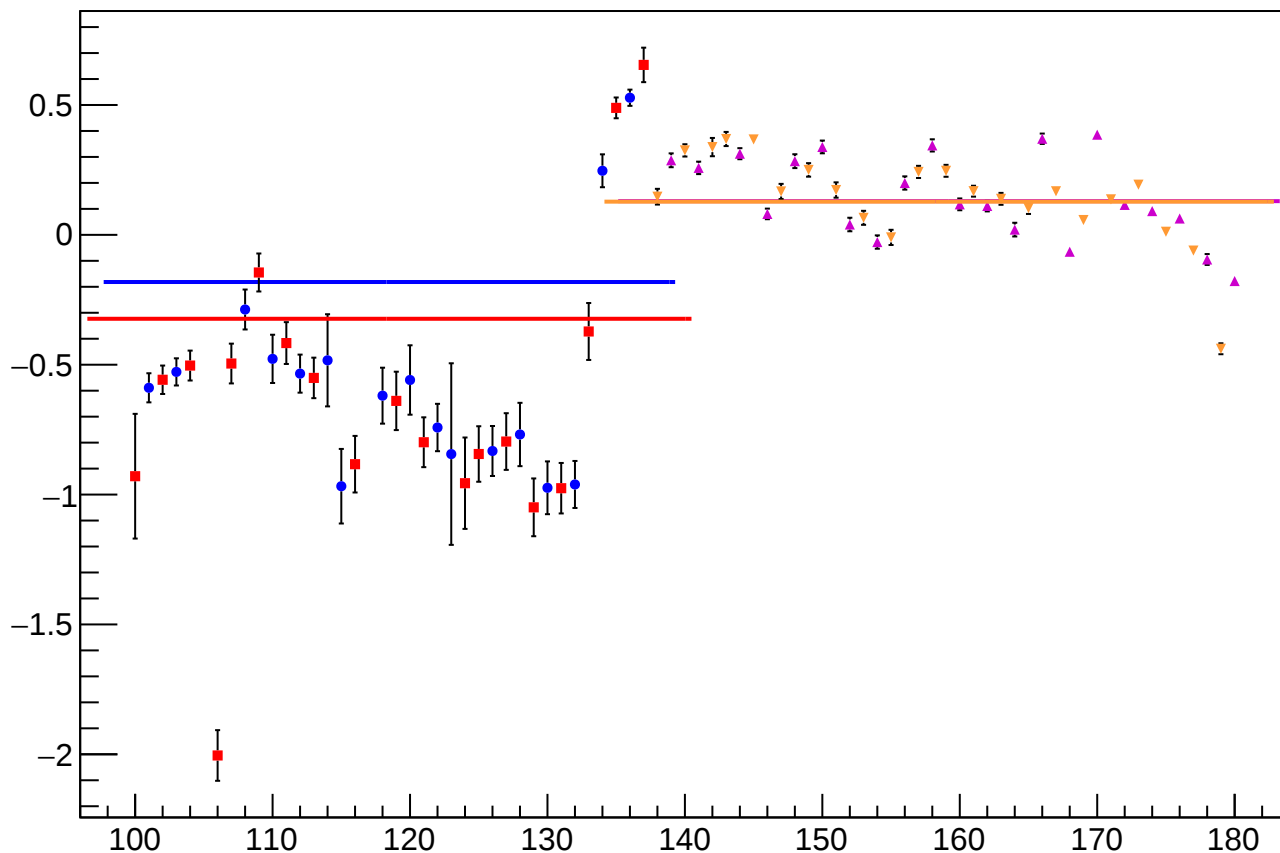
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 30.681 $\pm$ 0.093 χ^2 /NDF:7197.8/37

Out: 31.493 $\pm$ 0.095 χ^2 /NDF:6714.0/40

All: 31.080 $\pm$ 0.066 χ^2 /NDF: 13949.3/78

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: 0.128 ± 0.005 χ^2/NDF : 1401.8/21

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.130 ± 0.004 χ^2/NDF : 1391.2/20

Left: 0.129 ± 0.003 χ^2/NDF : 2793.1/42

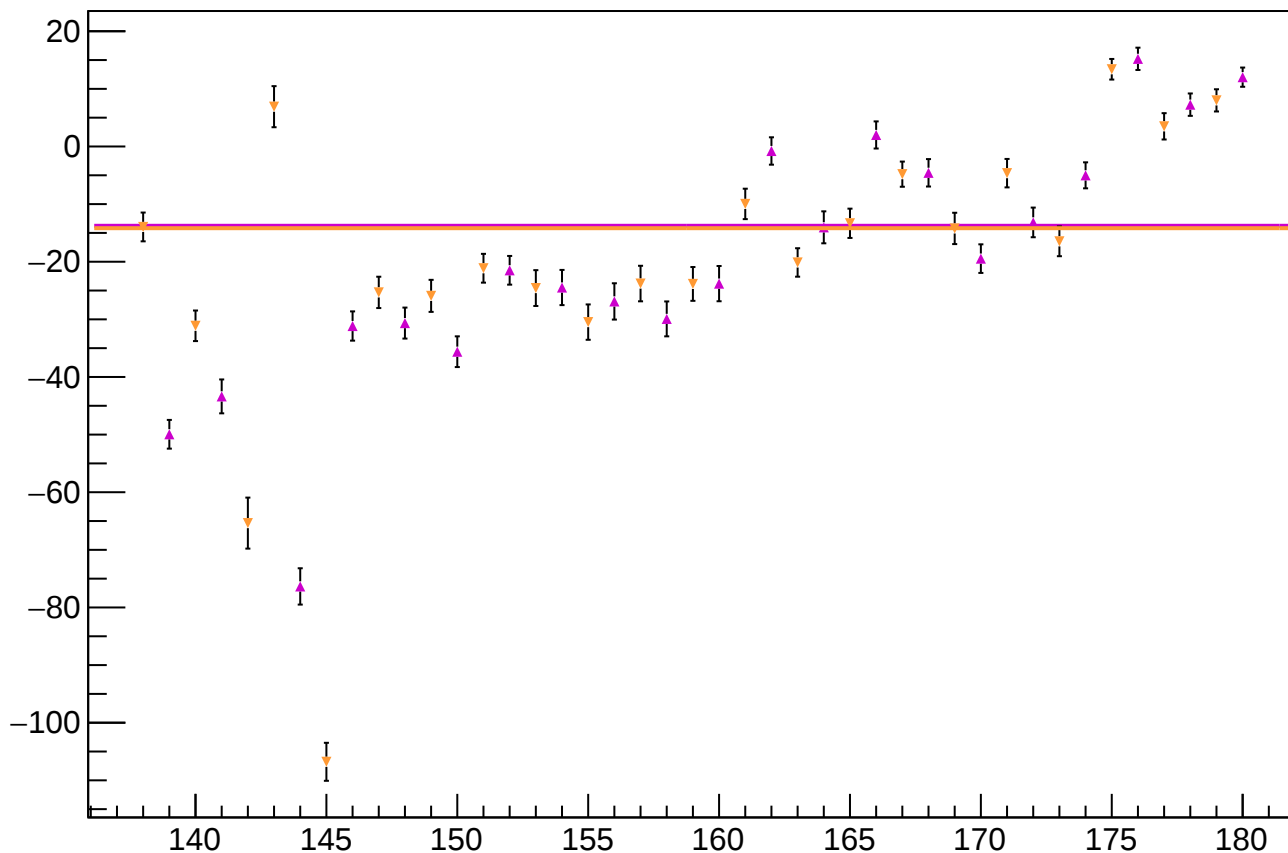
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.111 ± 0.004 χ^2/NDF : 2677.8/37

Out: 0.101 ± 0.004 χ^2/NDF : 3165.8/40

All: 0.106 ± 0.003 χ^2/NDF : 5846.4/78

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.180+/-0.553 χ^2/NDF :1573.9/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.765+/-0.537 χ^2/NDF :1628.6/20

Left: -13.967+/-0.385 χ^2/NDF : 3202.8/42

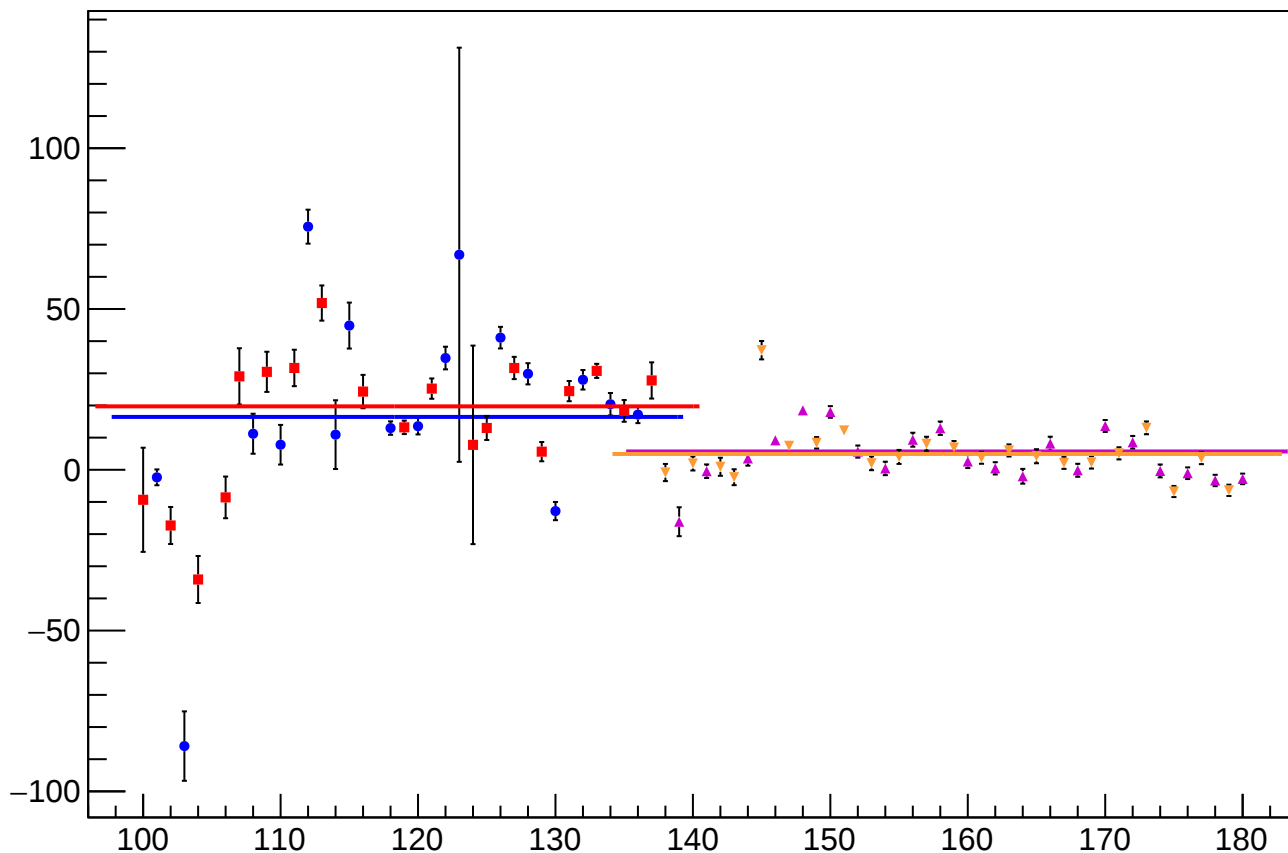
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.765+/-0.537 χ^2/NDF :1628.6/20

Out: -14.180+/-0.553 χ^2/NDF :1573.9/21

All: -13.967+/-0.385 χ^2/NDF : 3202.8/42

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439+/-0.849 χ^2 /NDF: 516.9/16

Left Out: 4.921+/-0.414 χ^2 /NDF: 292.4/21

Right Out: 19.724+/-0.898 χ^2 /NDF: 241.7/18

Left In: 5.698+/-0.418 χ^2 /NDF: 329.1/20

Left: 5.306+/-0.294 χ^2 /NDF: 623.2/42

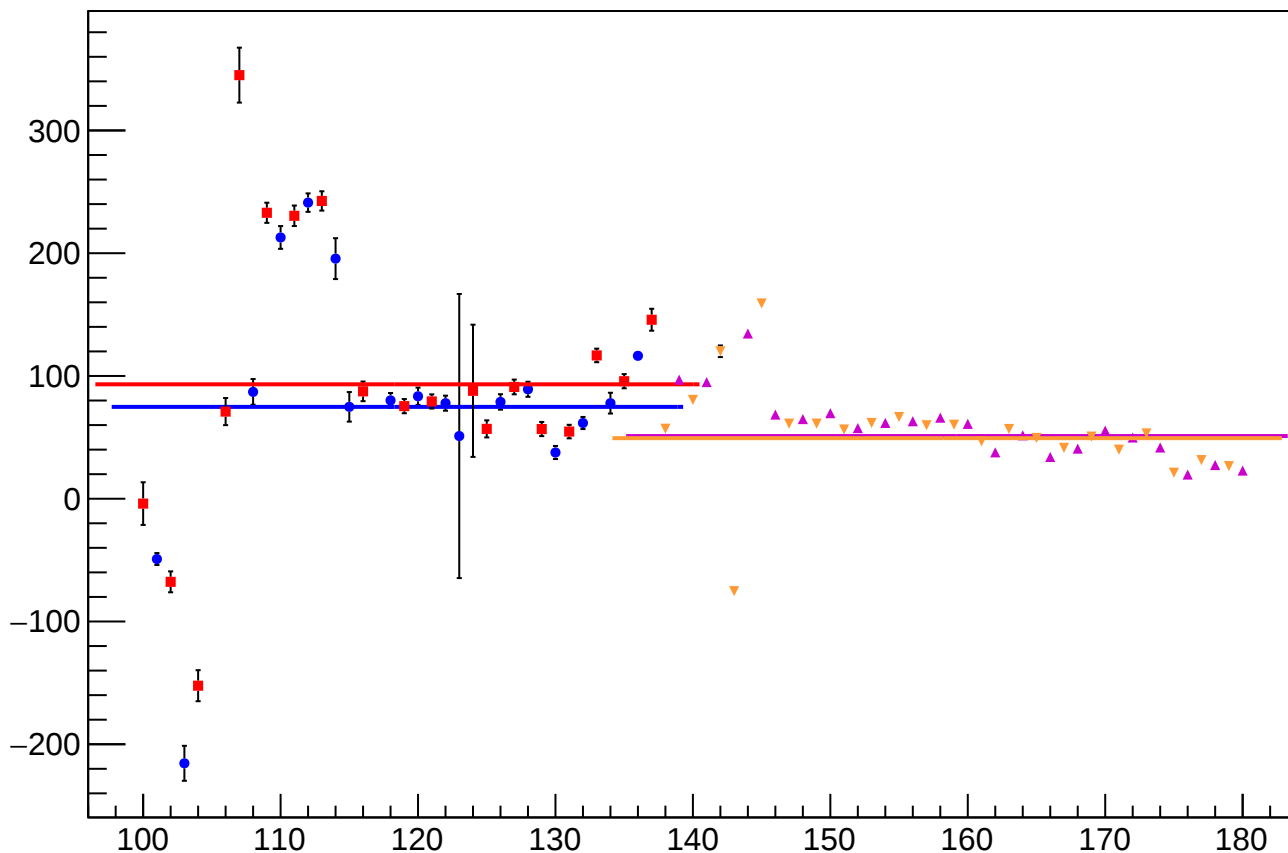
Right: 17.989+/-0.617 χ^2 /NDF: 765.7/35

In: 7.795+/-0.375 χ^2 /NDF: 974.9/37

Out: 7.514+/-0.376 χ^2 /NDF: 758.3/40

All: 7.655+/-0.265 χ^2 /NDF: 1733.5/78

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 ± 1.639 χ^2/NDF : 1996.8/16

Left Out: 49.335 ± 0.546 χ^2/NDF : 3084.8/21

Right Out: 93.202 ± 1.712 χ^2/NDF : 2000.7/18

Left In: 51.060 ± 0.532 χ^2/NDF : 2144.5/20

Left: 50.221 ± 0.381 χ^2/NDF : 5234.4/42

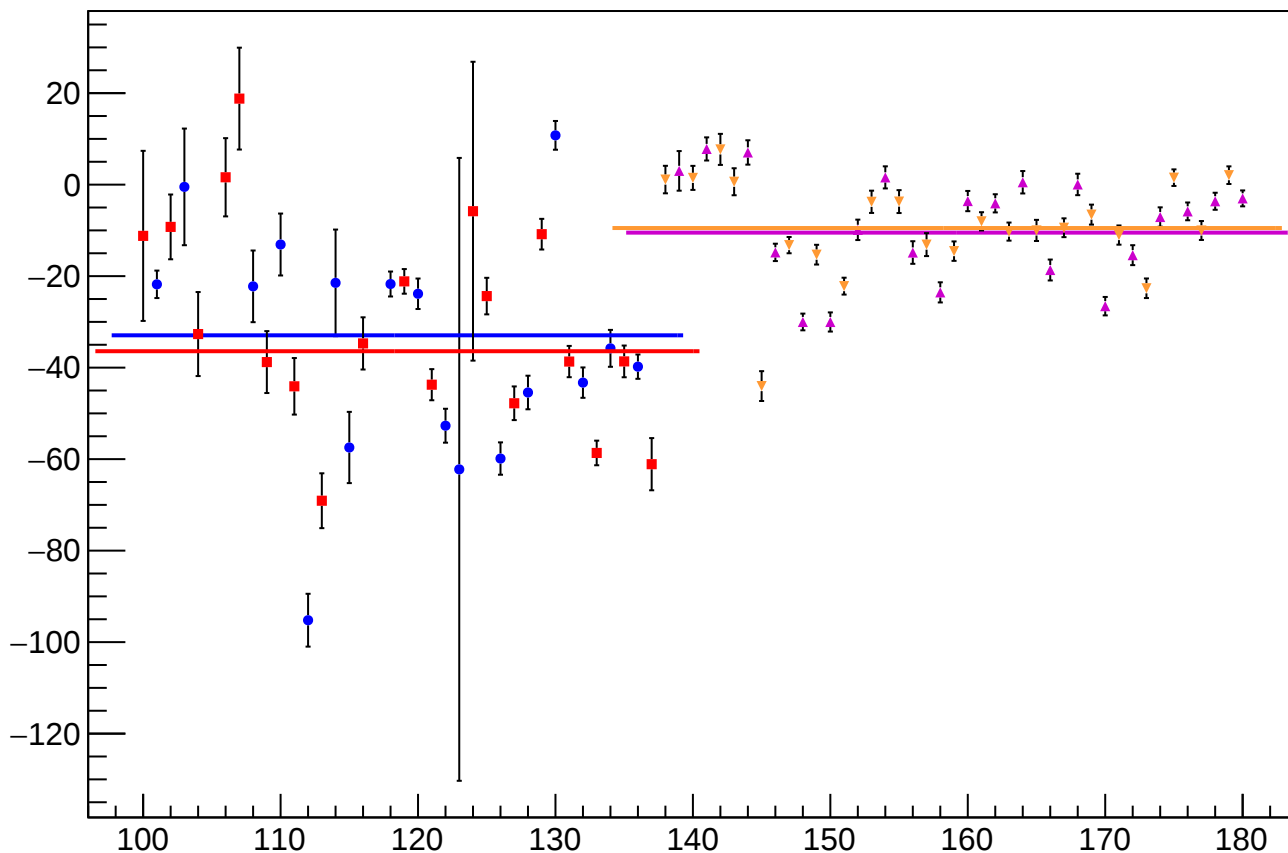
Right: 83.612 ± 1.184 χ^2/NDF : 4057.7/35

In: 53.324 ± 0.506 χ^2/NDF : 4331.6/37

Out: 53.392 ± 0.521 χ^2/NDF : 5681.6/40

All: 53.357 ± 0.363 χ^2/NDF : 10013.2/78

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -9.483 ± 0.472 $\chi^2/\text{NDF}: 371.1/21$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -10.491 ± 0.473 $\chi^2/\text{NDF}: 557.7/20$

Left: -9.986 ± 0.334 $\chi^2/\text{NDF}: 931.1/42$

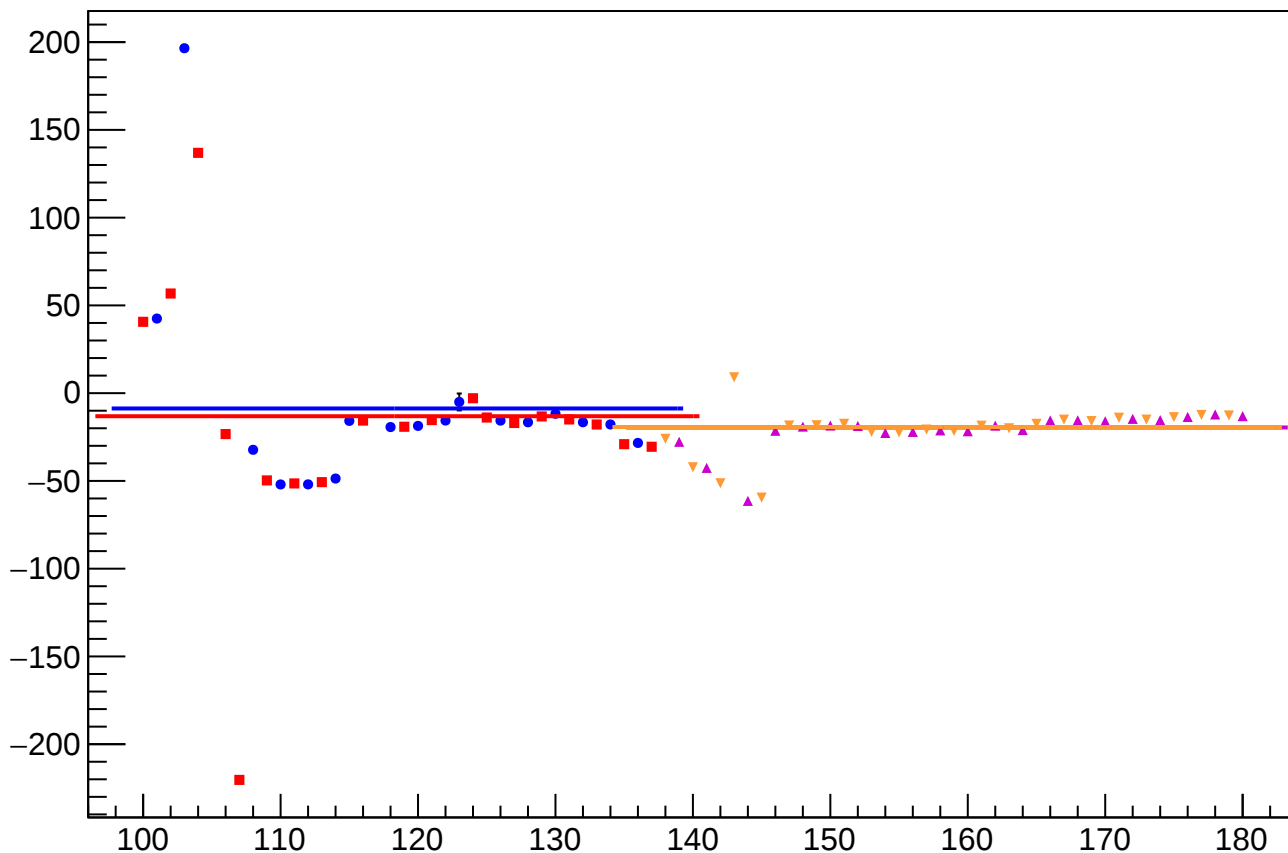
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -14.785 ± 0.426 $\chi^2/\text{NDF}: 1478.5/37$

Out: -14.200 ± 0.429 $\chi^2/\text{NDF}: 1235.3/40$

All: -14.495 ± 0.302 $\chi^2/\text{NDF}: 2714.7/78$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -19.288 ± 0.022 χ^2/NDF : 218447.1/21

Right Out: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

Left In: -19.551 ± 0.021 χ^2/NDF : 152204.3/20

Left: -19.422 ± 0.015 χ^2/NDF : 370725.4/42

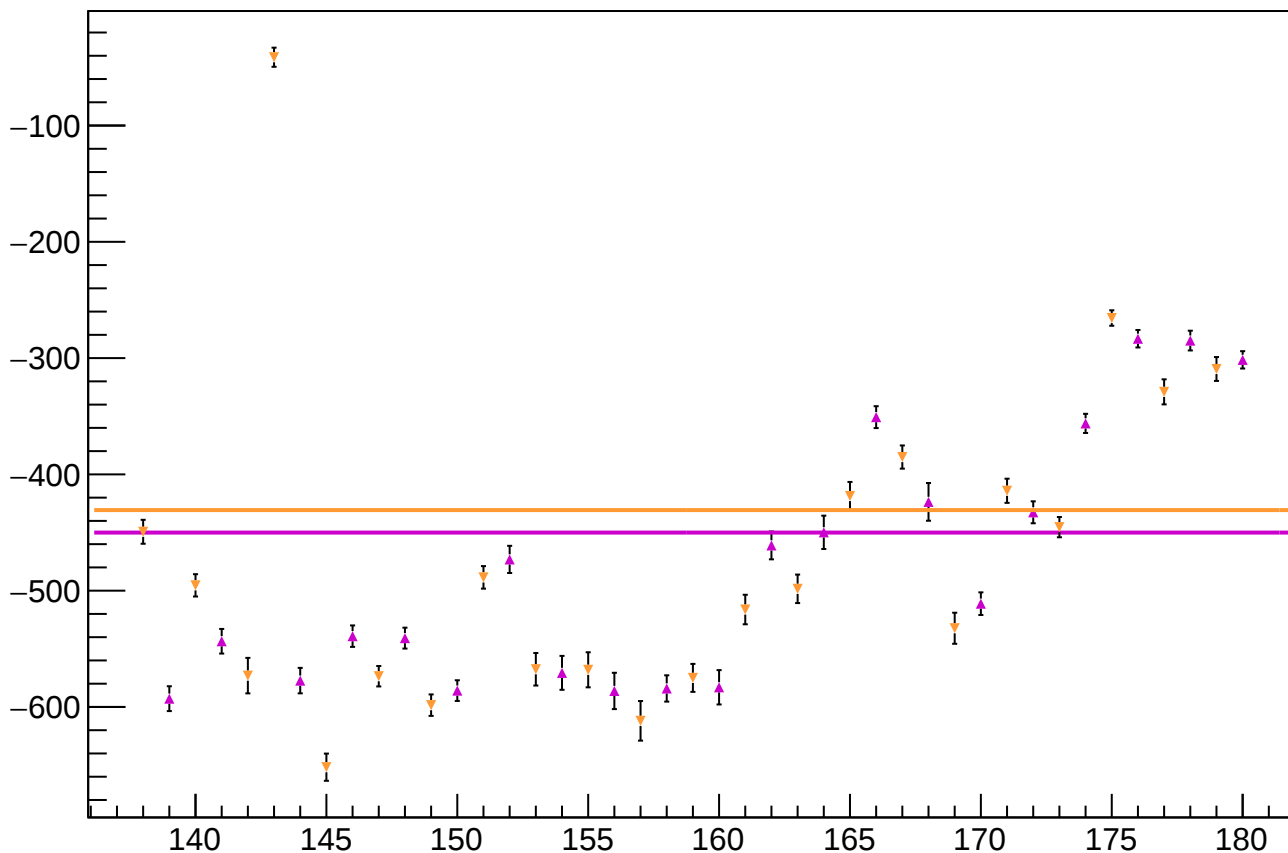
Right: -10.824 ± 0.043 χ^2/NDF : 1137135.6/35

In: -18.281 ± 0.020 χ^2/NDF : 757909.6/37

Out: -18.605 ± 0.021 χ^2/NDF : 785896.2/40

All: -18.440 ± 0.014 χ^2/NDF : 1543932.1/78

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -430.696 ± 2.234 χ^2/NDF : 4807.4/21

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -450.039 ± 2.212 χ^2/NDF : 2744.9/20

Left: -440.463 ± 1.572 χ^2/NDF : 7590.2/42

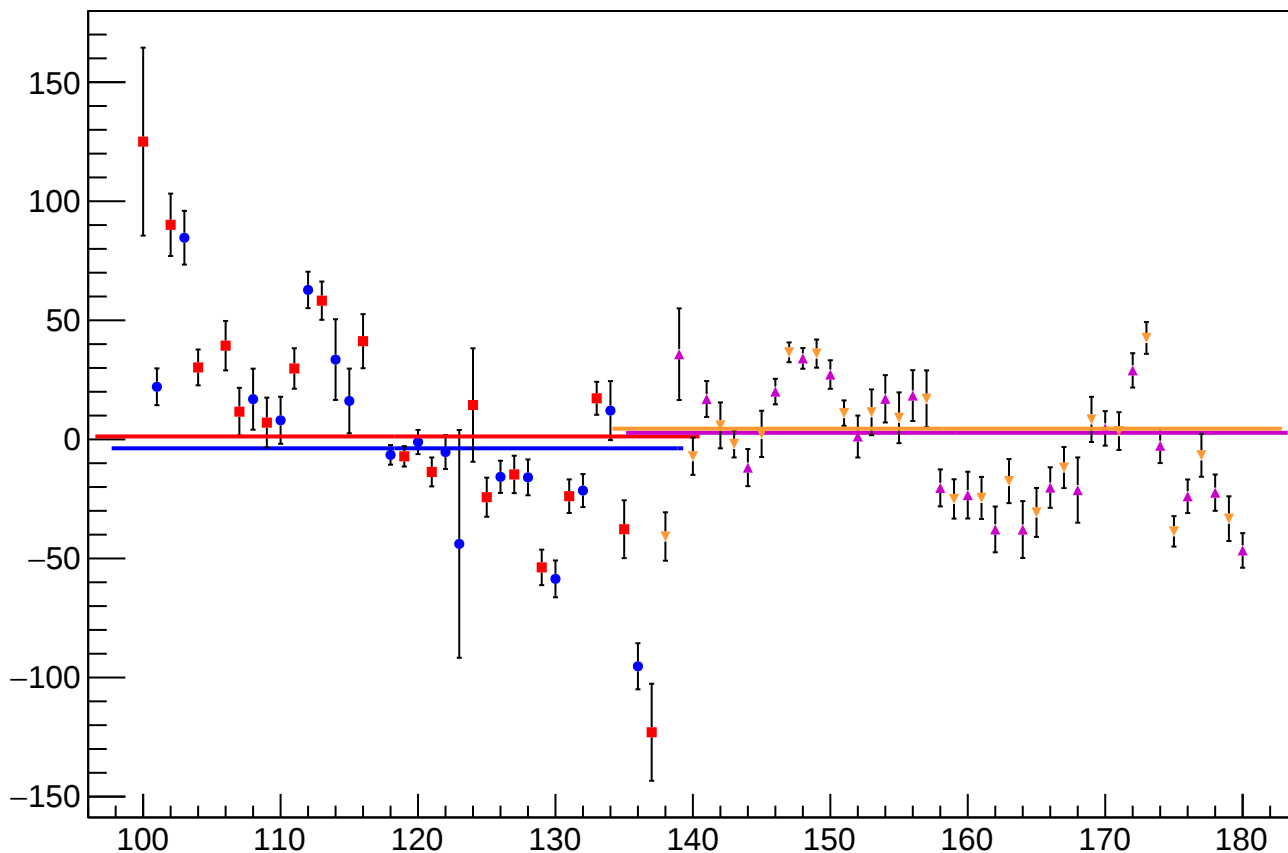
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -450.039 ± 2.212 χ^2/NDF : 2744.9/20

Out: -430.696 ± 2.234 χ^2/NDF : 4807.4/21

All: -440.463 ± 1.572 χ^2/NDF : 7590.2/42

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 4.507 ± 1.610 χ^2/NDF : 254.9/21

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 2.768 ± 1.664 χ^2/NDF : 233.9/20

Left: 3.666 ± 1.157 χ^2/NDF : 489.3/42

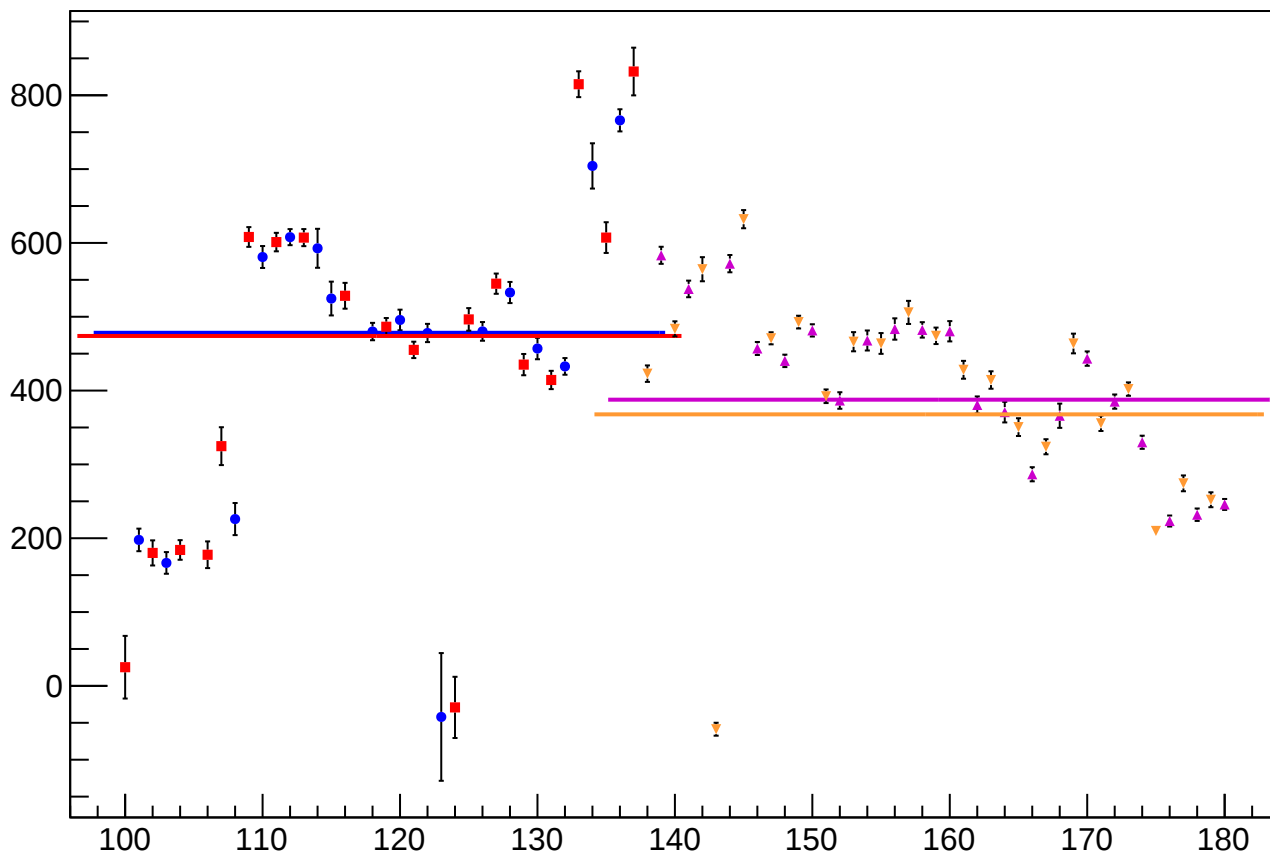
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: -0.071 ± 1.249 χ^2/NDF : 554.6/37

Out: 3.155 ± 1.233 χ^2/NDF : 560.1/40

All: 1.564 ± 0.877 χ^2/NDF : 1118.1/78

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 367.793+/-2.222 χ^2/NDF : 4670.0/21

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 387.670+/-2.192 χ^2/NDF : 2529.9/20

Left: 377.864+/-1.560 χ^2/NDF : 7240.5/42

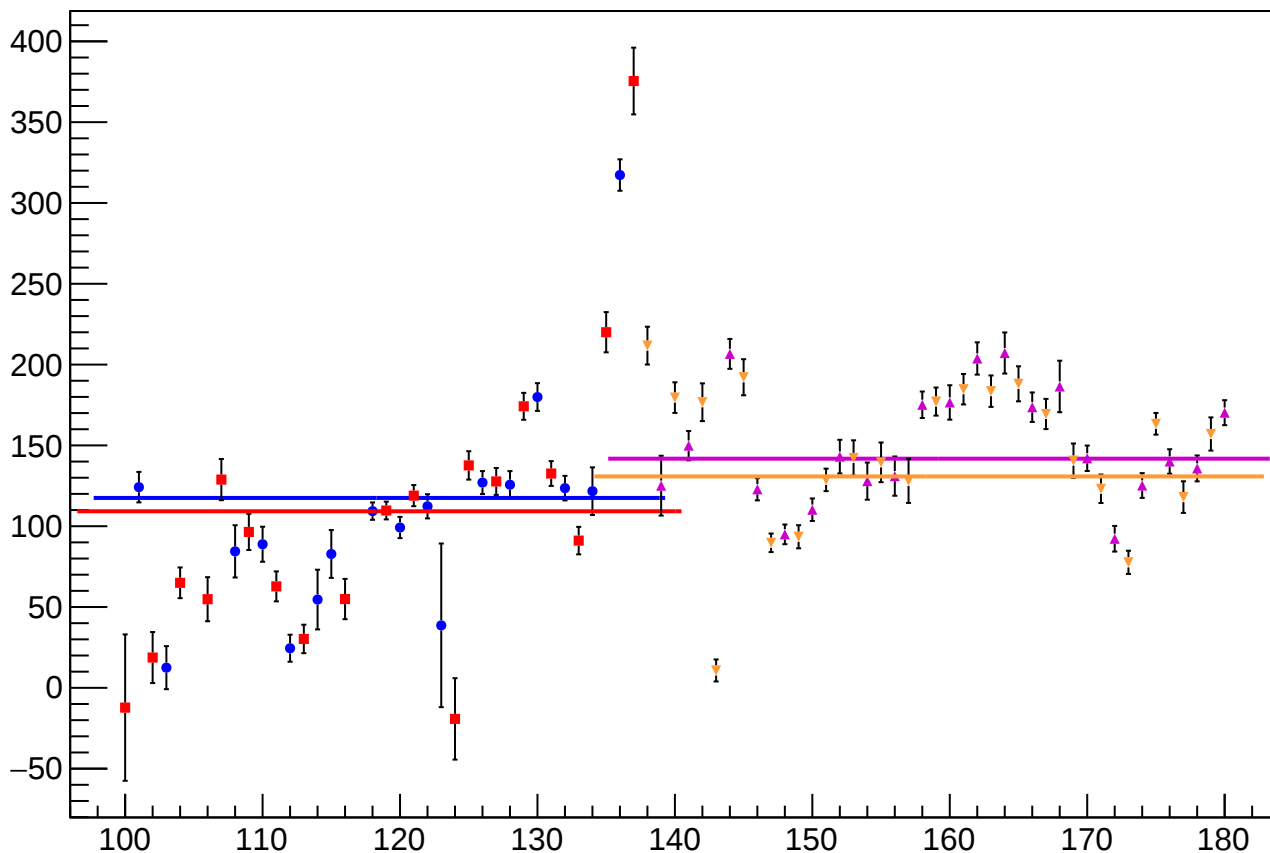
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 411.798+/-1.878 χ^2/NDF : 4612.8/37

Out: 397.928+/-1.880 χ^2/NDF : 7606.8/40

All: 404.872+/-1.329 χ^2/NDF : 12246.8/78

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 130.810 ± 1.874 $\chi^2/\text{NDF}: 734.2/21$

Right Out: 109.247 ± 2.206 $\chi^2/\text{NDF}: 569.4/18$

Left In: 141.784 ± 1.911 $\chi^2/\text{NDF}: 310.4/20$

Left: 136.190 ± 1.338 $\chi^2/\text{NDF}: 1061.4/42$

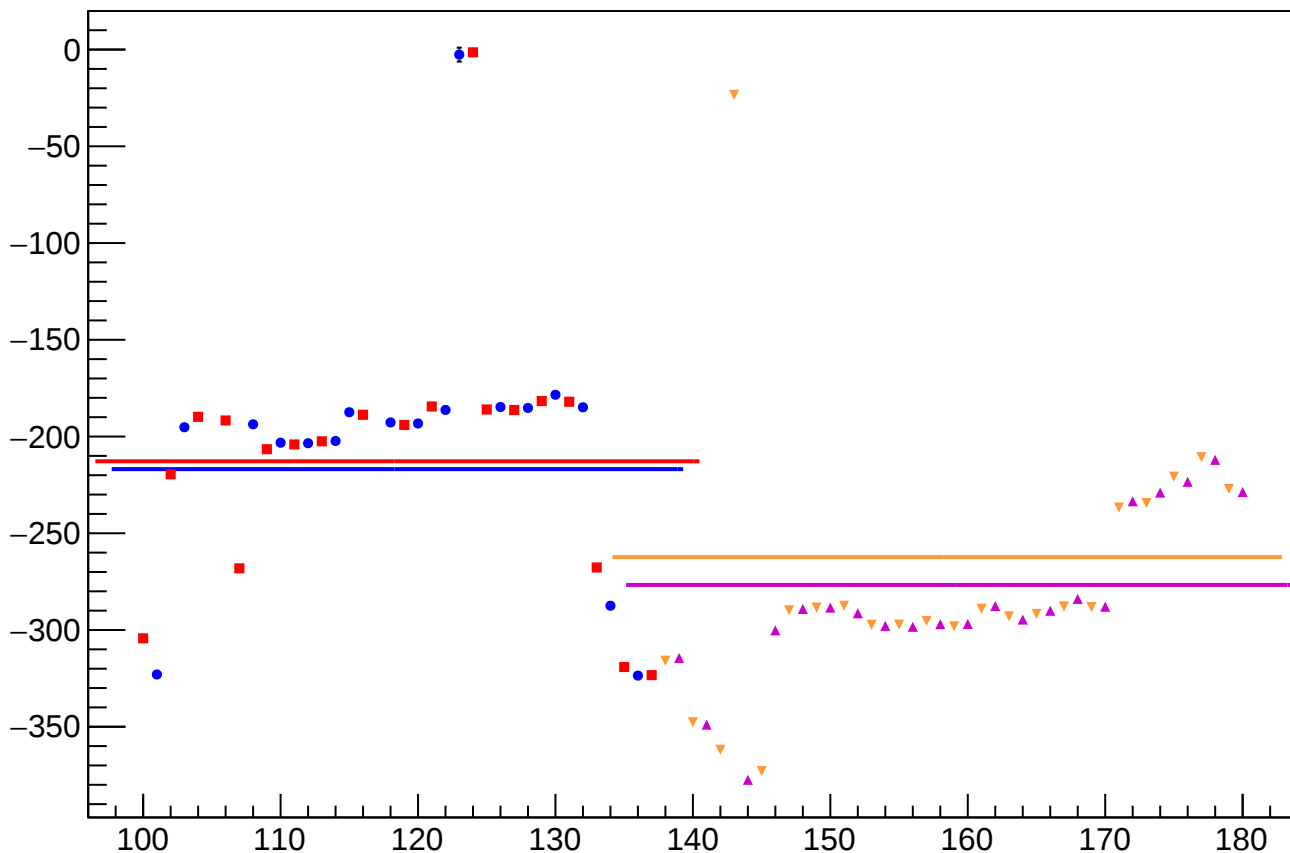
Right: 113.390 ± 1.557 $\chi^2/\text{NDF}: 1282.4/35$

In: 131.329 ± 1.442 $\chi^2/\text{NDF}: 1085.9/37$

Out: 121.768 ± 1.428 $\chi^2/\text{NDF}: 1359.1/40$

All: 126.503 ± 1.015 $\chi^2/\text{NDF}: 2467.1/78$

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: -262.289 ± 0.090 $\chi^2/\text{NDF}: 689773.2/21$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -276.708 ± 0.089 $\chi^2/\text{NDF}: 197291.4/20$

Left: -269.562 ± 0.063 $\chi^2/\text{NDF}: 899975.8/42$

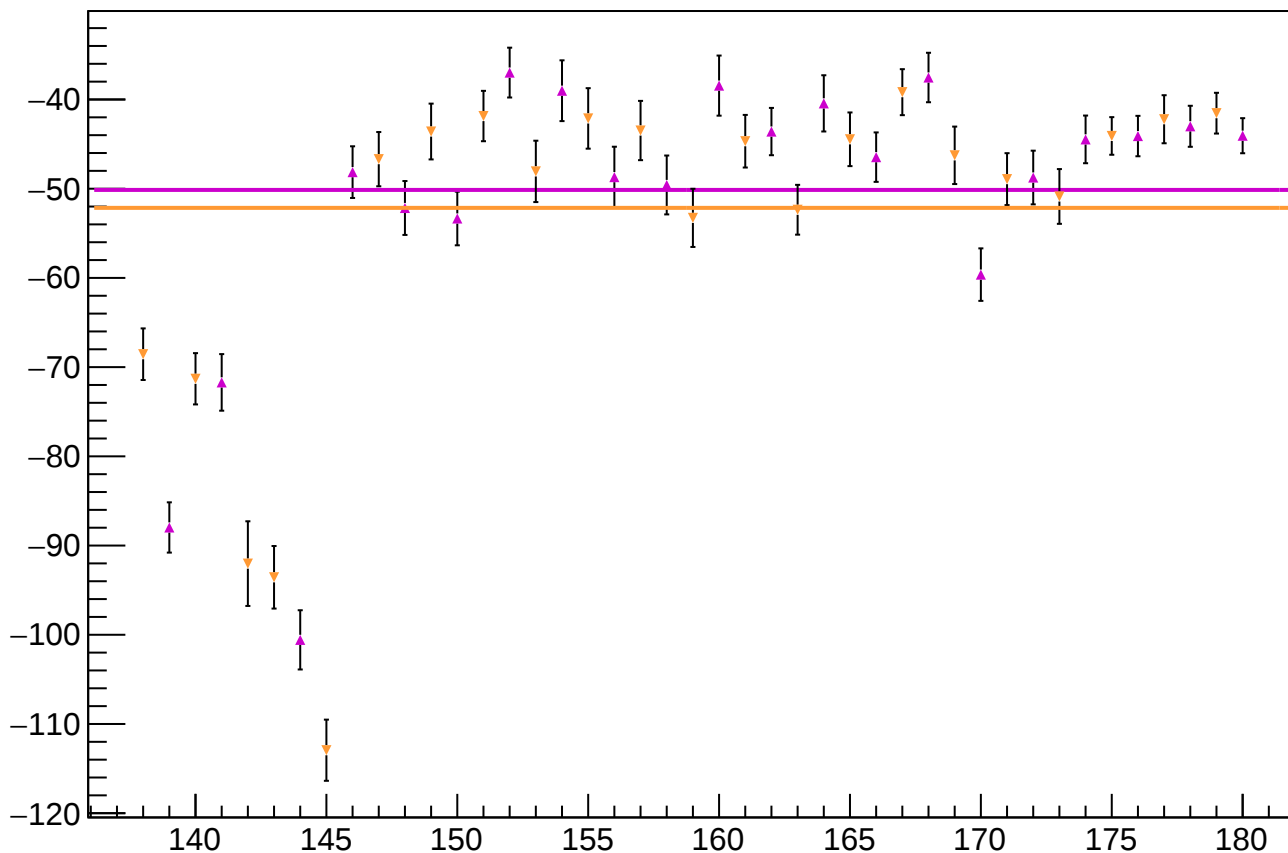
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -258.641 ± 0.075 $\chi^2/\text{NDF}: 479720.7/37$

Out: -246.234 ± 0.074 $\chi^2/\text{NDF}: 904206.8/40$

All: -252.391 ± 0.053 $\chi^2/\text{NDF}: 1397846.9/78$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



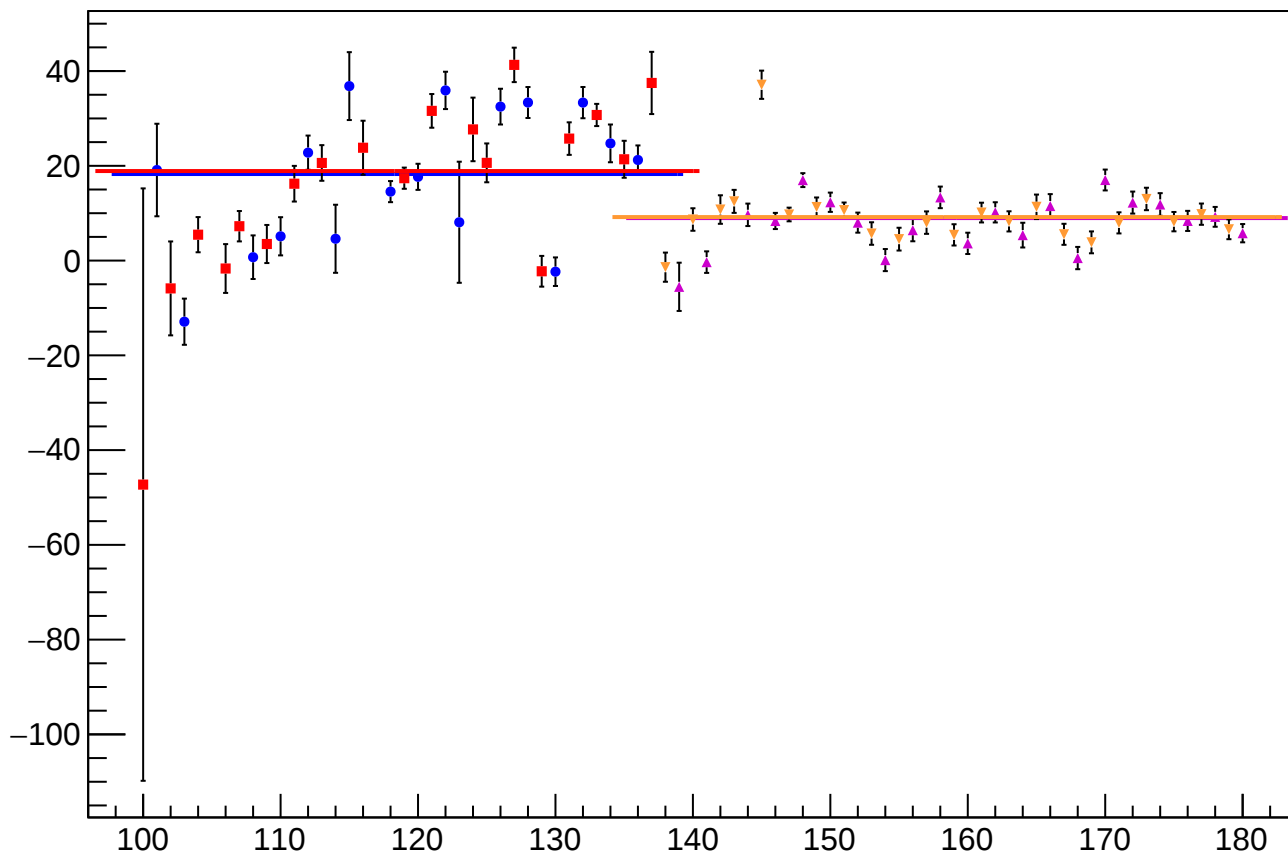
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -52.148 $\pm$ 0.630 χ^2 /NDF:735.1/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -50.137 $\pm$ 0.614 χ^2 /NDF:583.9/20

Left: -51.118 $\pm$ 0.440 χ^2 /NDF: 1324.2/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -50.137 $\pm$ 0.614 χ^2 /NDF:583.9/20
 Out: -52.148 $\pm$ 0.630 χ^2 /NDF:735.1/21

All: -51.118 $\pm$ 0.440 χ^2 /NDF: 1324.2/42

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 9.183 $\pm$ 0.469 χ^2 /NDF:126.6/21

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 8.972 $\pm$ 0.475 χ^2 /NDF:118.3/20

Left: 9.079 $\pm$ 0.334 χ^2 /NDF: 245.0/42

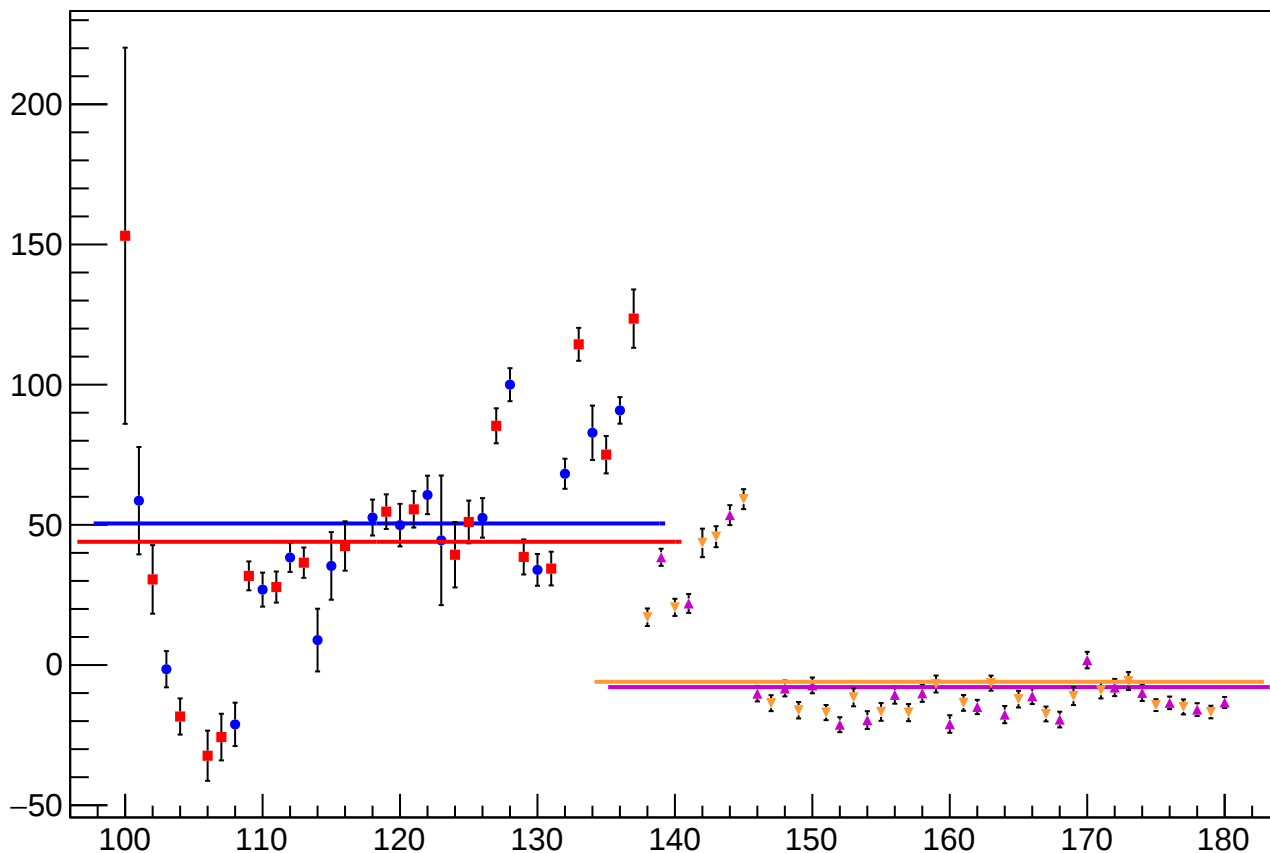
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 10.975 $\pm$ 0.421 χ^2 /NDF:409.1/37

Out: 11.390 $\pm$ 0.412 χ^2 /NDF:423.5/40

All: 11.187 $\pm$ 0.294 χ^2 /NDF: 833.0/78

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: -5.980 ± 0.622 χ^2/NDF : 897.6/21

Right Out: 43.957 ± 1.603 χ^2/NDF : 534.3/18

Left In: -7.857 ± 0.607 χ^2/NDF : 739.8/20

Left: -6.942 ± 0.435 χ^2/NDF : 1642.0/42

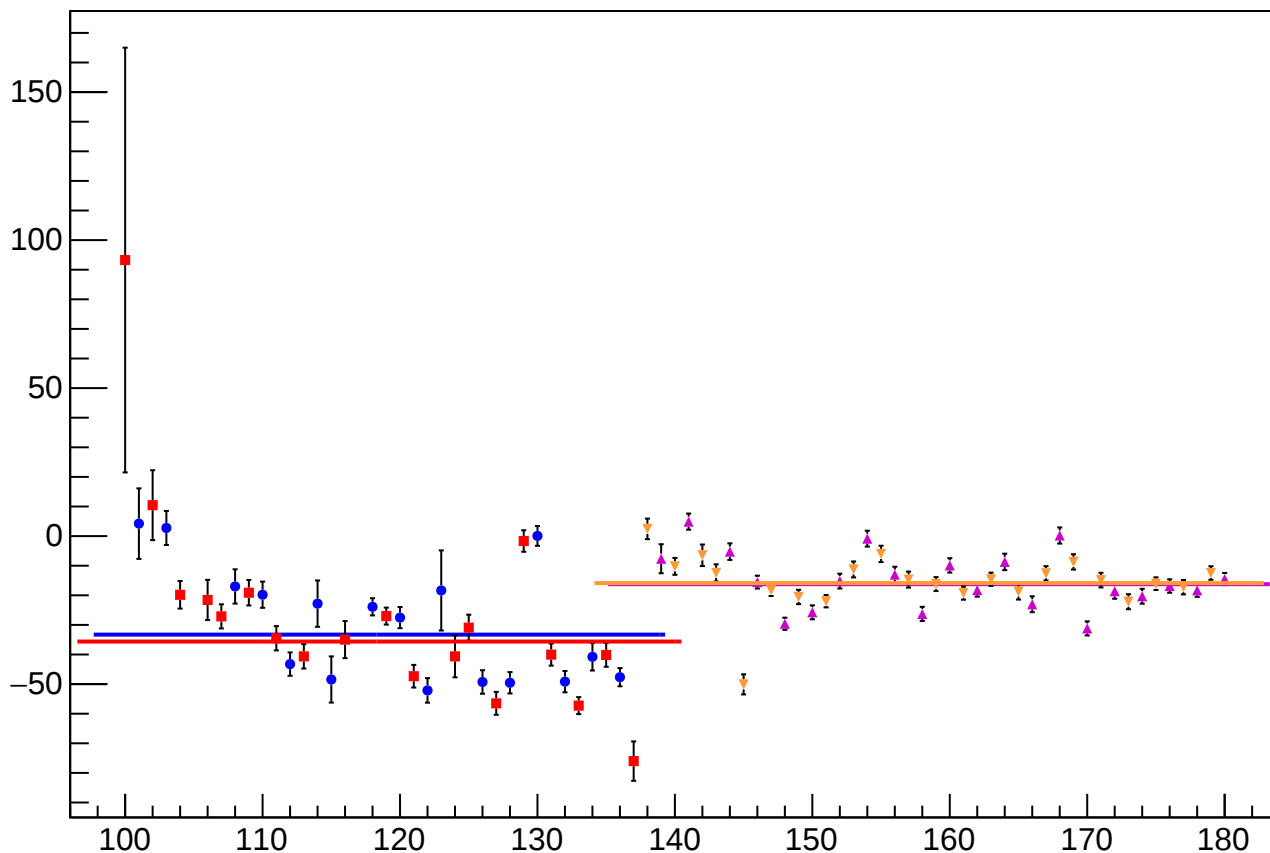
Right: 47.092 ± 1.157 χ^2/NDF : 905.5/35

In: -1.046 ± 0.571 χ^2/NDF : 2180.3/37

Out: 0.559 ± 0.580 χ^2/NDF : 2275.2/40

All: -0.256 ± 0.407 χ^2/NDF : 4459.4/78

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -15.876 ± 0.536 χ^2/NDF : 192.9/21

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -16.242 ± 0.539 χ^2/NDF : 290.9/20

Left: -16.058 ± 0.380 χ^2/NDF : 484.0/42

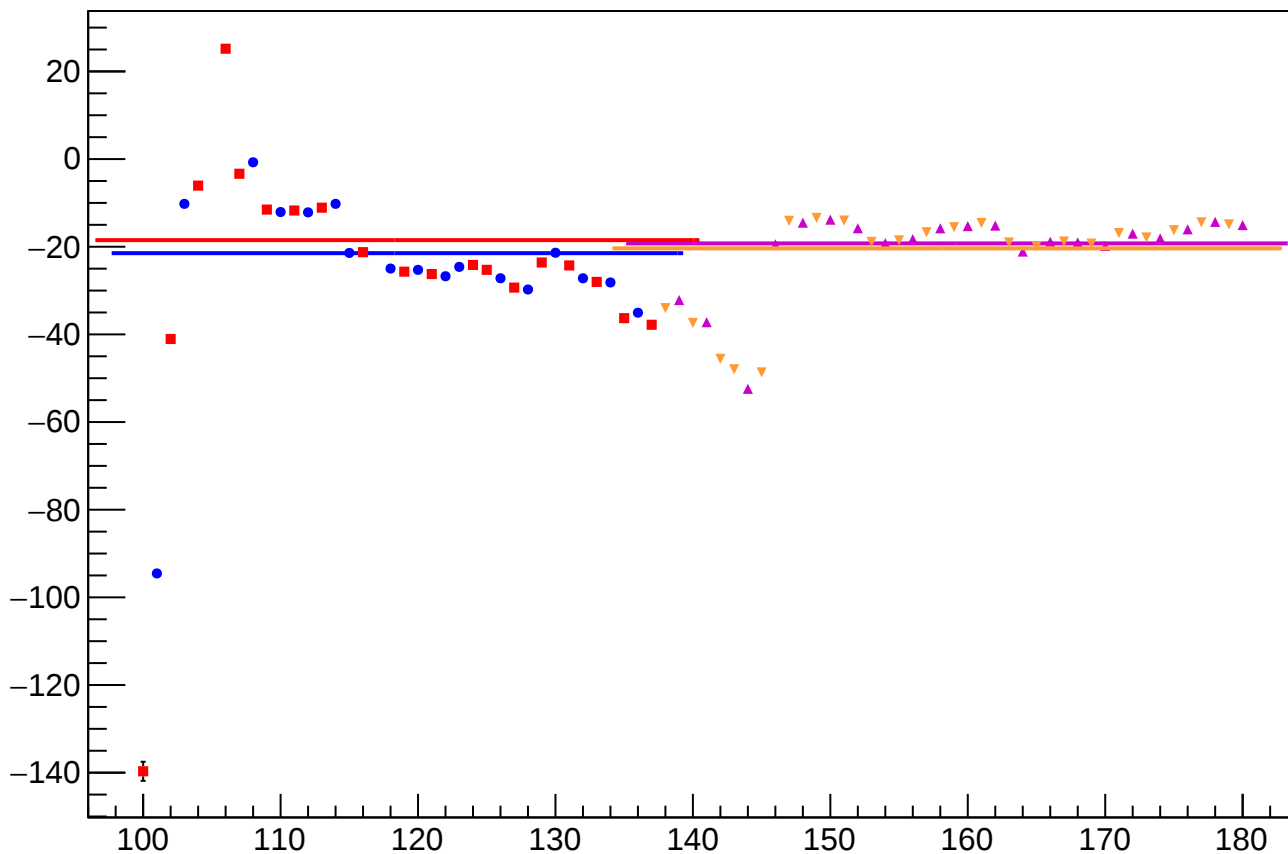
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -19.880 ± 0.478 χ^2/NDF : 797.0/37

Out: -20.339 ± 0.472 χ^2/NDF : 786.9/40

All: -20.112 ± 0.336 χ^2/NDF : 1584.4/78

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -20.370 ± 0.025 $\chi^2/\text{NDF}: 143054.2/21$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -19.239 ± 0.024 $\chi^2/\text{NDF}: 91951.2/20$

Left: -19.797 ± 0.017 $\chi^2/\text{NDF}: 236059.8/42$

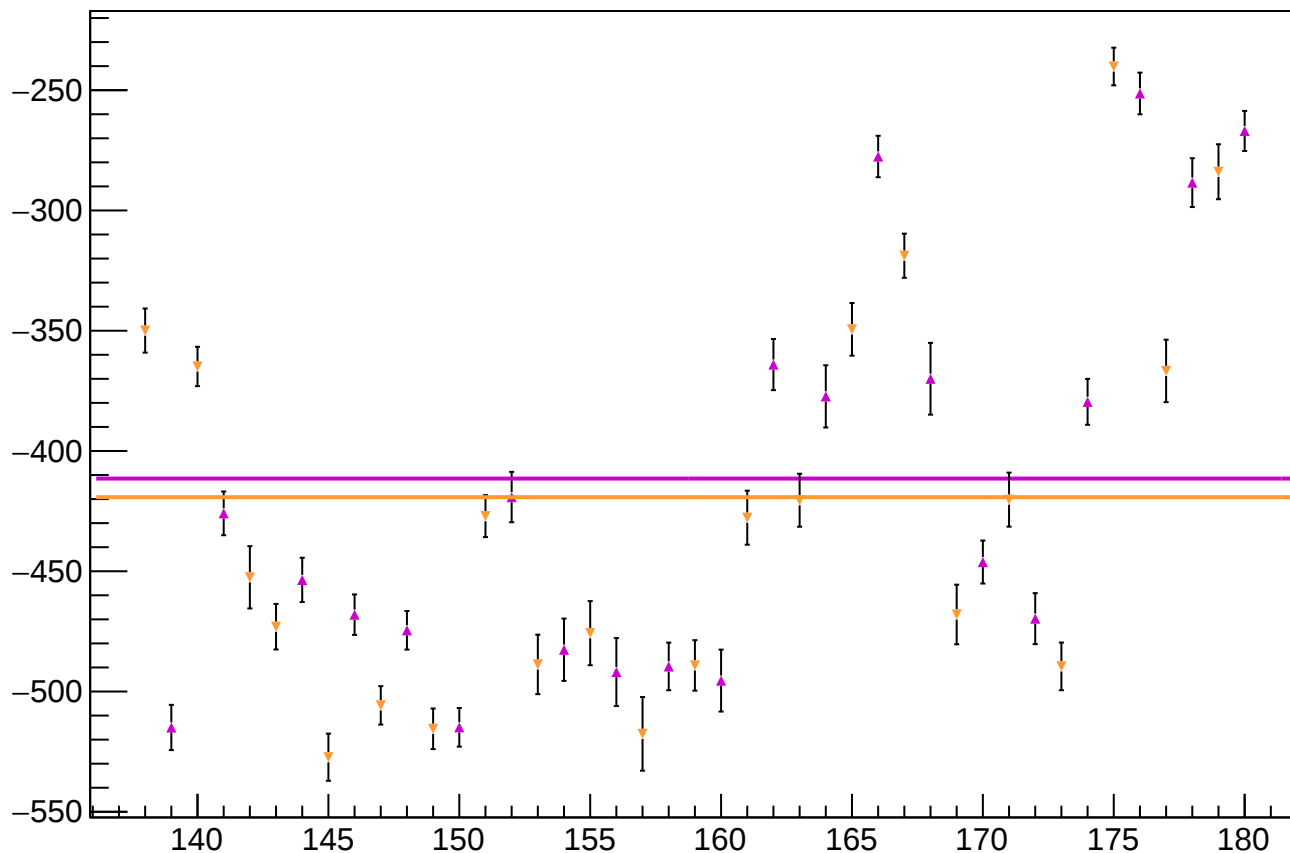
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -19.568 ± 0.023 $\chi^2/\text{NDF}: 142158.7/37$

Out: -20.075 ± 0.023 $\chi^2/\text{NDF}: 224654.6/40$

All: -19.819 ± 0.016 $\chi^2/\text{NDF}: 367062.9/78$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -419.203+/-2.163 χ^2/NDF :1551.9/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -411.468+/-2.135 χ^2/NDF :1709.1/20

Left: -415.284+/-1.520 χ^2/NDF : 3267.5/42

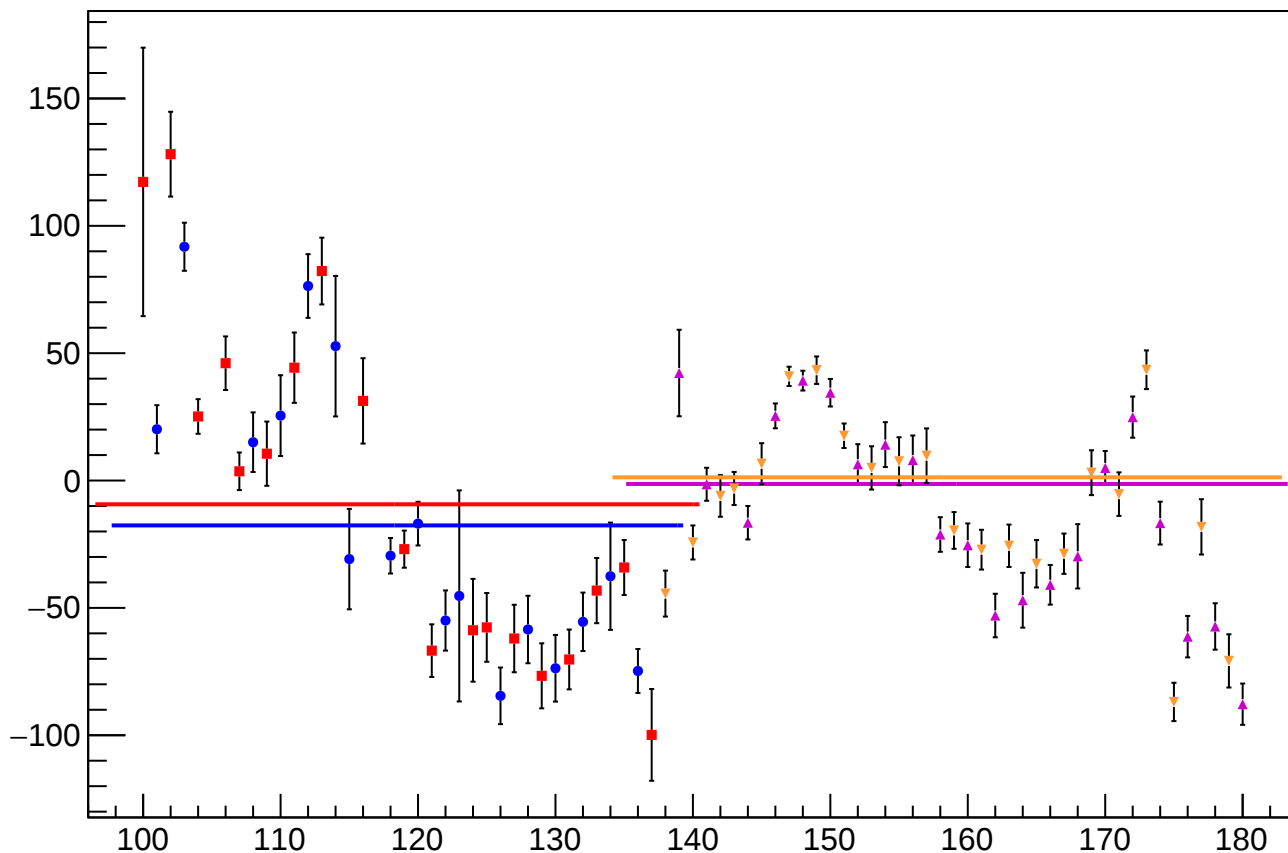
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -411.468+/-2.135 χ^2/NDF :1709.1/20

Out: -419.203+/-2.163 χ^2/NDF :1551.9/21

All: -415.284+/-1.520 χ^2/NDF : 3267.5/42

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 1.262 ± 1.531 χ^2/NDF : 504.3/21

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: -1.343 ± 1.567 χ^2/NDF : 522.2/20

Left: -0.010 ± 1.095 χ^2/NDF : 1027.9/42

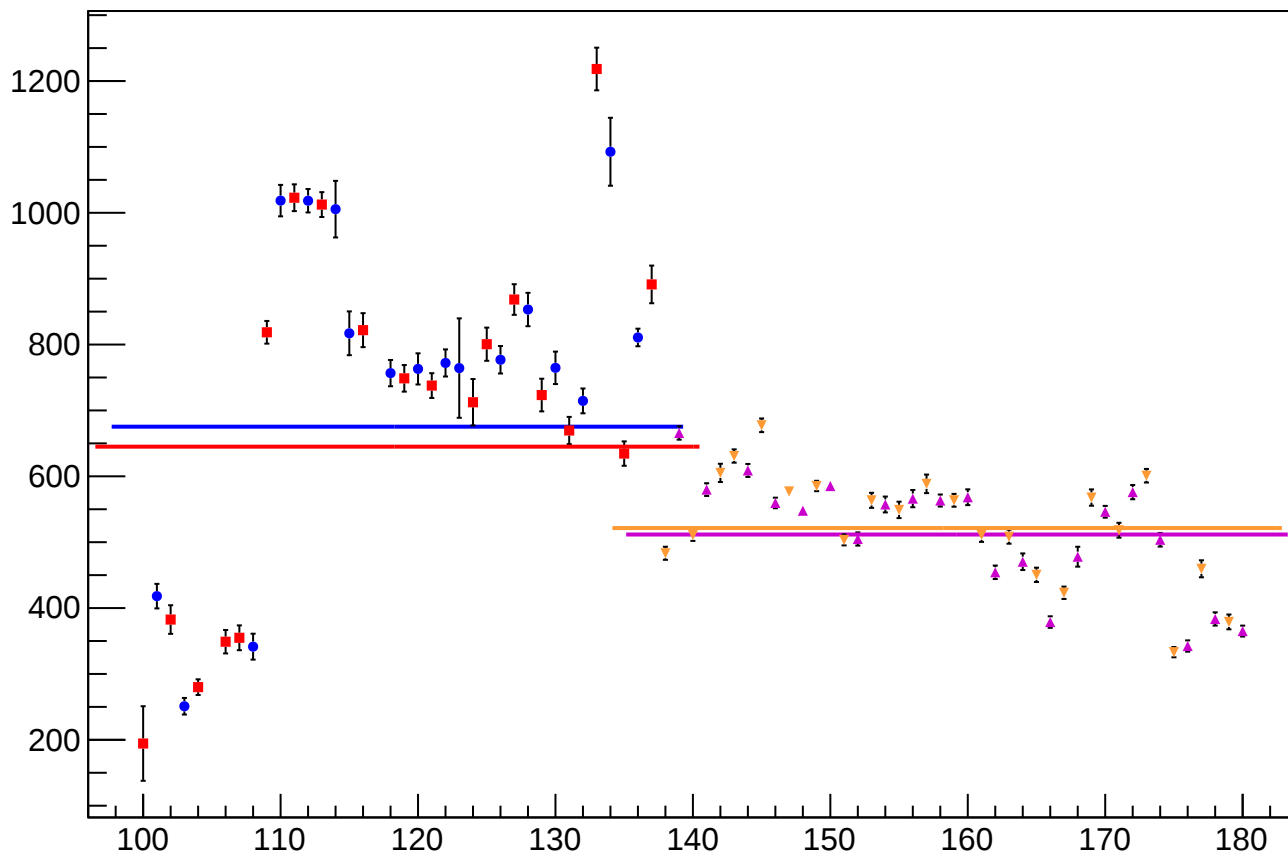
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: -5.253 ± 1.366 χ^2/NDF : 910.1/37

Out: -1.451 ± 1.321 χ^2/NDF : 883.0/40

All: -3.288 ± 0.949 χ^2/NDF : 1797.1/78

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 521.451+/-2.146 χ^2/NDF : 1575.2/21

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 511.644+/-2.109 χ^2/NDF : 1810.5/20

Left: 516.463+/-1.504 χ^2/NDF : 3396.3/42

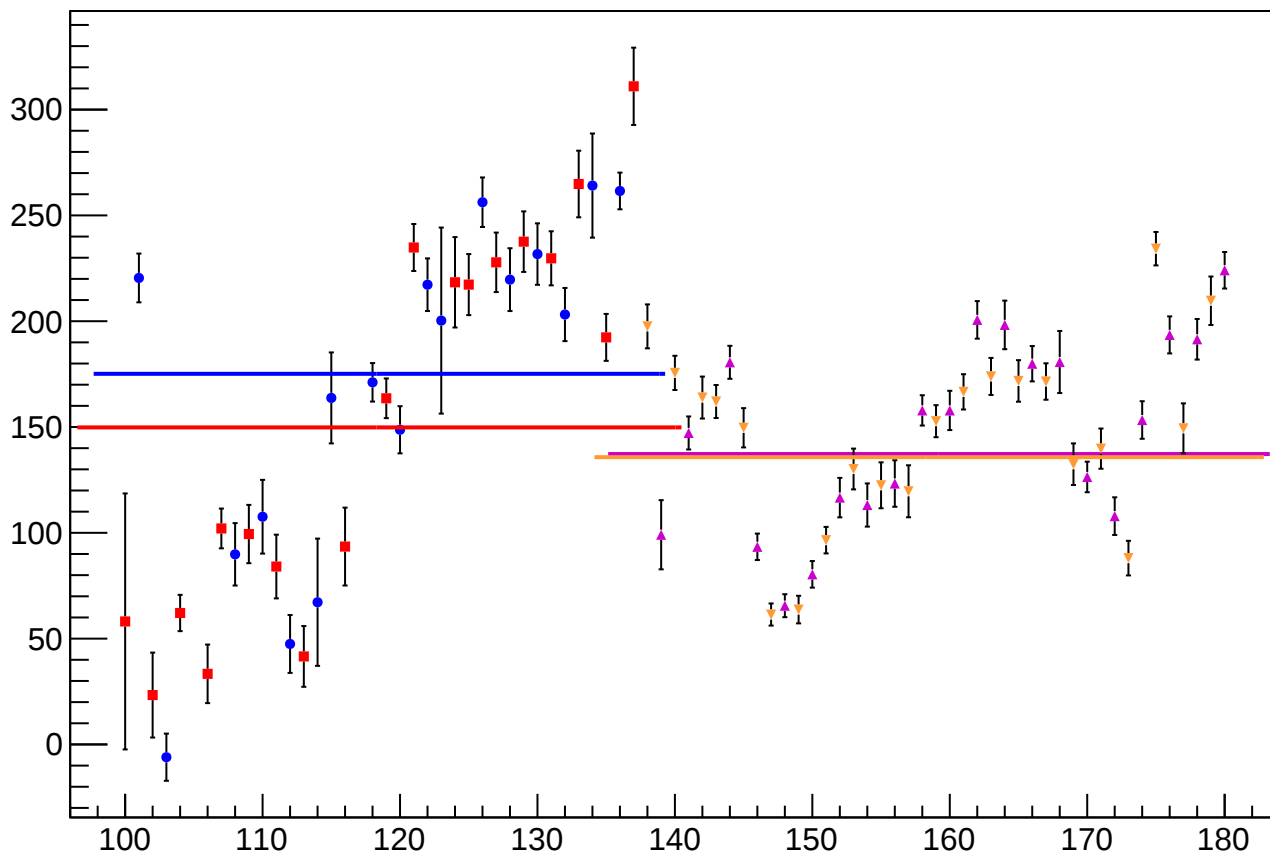
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 535.986+/-1.946 χ^2/NDF : 5289.2/37

Out: 542.333+/-1.956 χ^2/NDF : 5258.5/40

All: 539.143+/-1.379 χ^2/NDF : 10553.0/78

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 $\chi^2/\text{NDF}: 635.6/16$

Left Out: 135.754 ± 1.795 $\chi^2/\text{NDF}: 749.8/21$

Right Out: 149.822 ± 3.041 $\chi^2/\text{NDF}: 688.5/18$

Left In: 137.230 ± 1.816 $\chi^2/\text{NDF}: 674.0/20$

Left: 136.483 ± 1.277 $\chi^2/\text{NDF}: 1424.2/42$

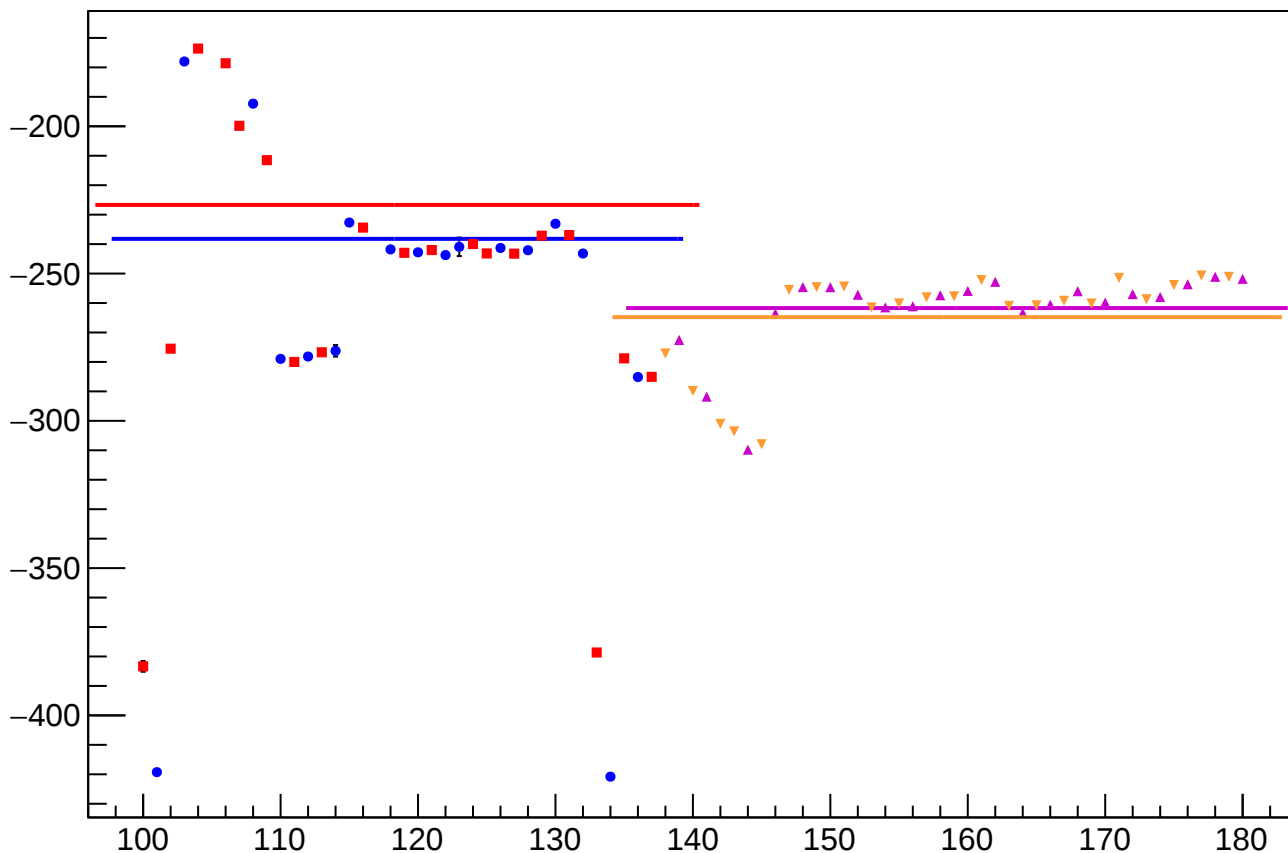
Right: 161.803 ± 2.208 $\chi^2/\text{NDF}: 1356.9/35$

In: 146.427 ± 1.581 $\chi^2/\text{NDF}: 1415.3/37$

Out: 139.389 ± 1.546 $\chi^2/\text{NDF}: 1454.2/40$

All: 142.830 ± 1.105 $\chi^2/\text{NDF}: 2879.6/78$

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -264.796+/-0.087 χ^2/NDF : 38119.5/21

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -261.708+/-0.085 χ^2/NDF : 23152.2/20

Left: -263.227+/-0.061 χ^2/NDF : 61915.9/42

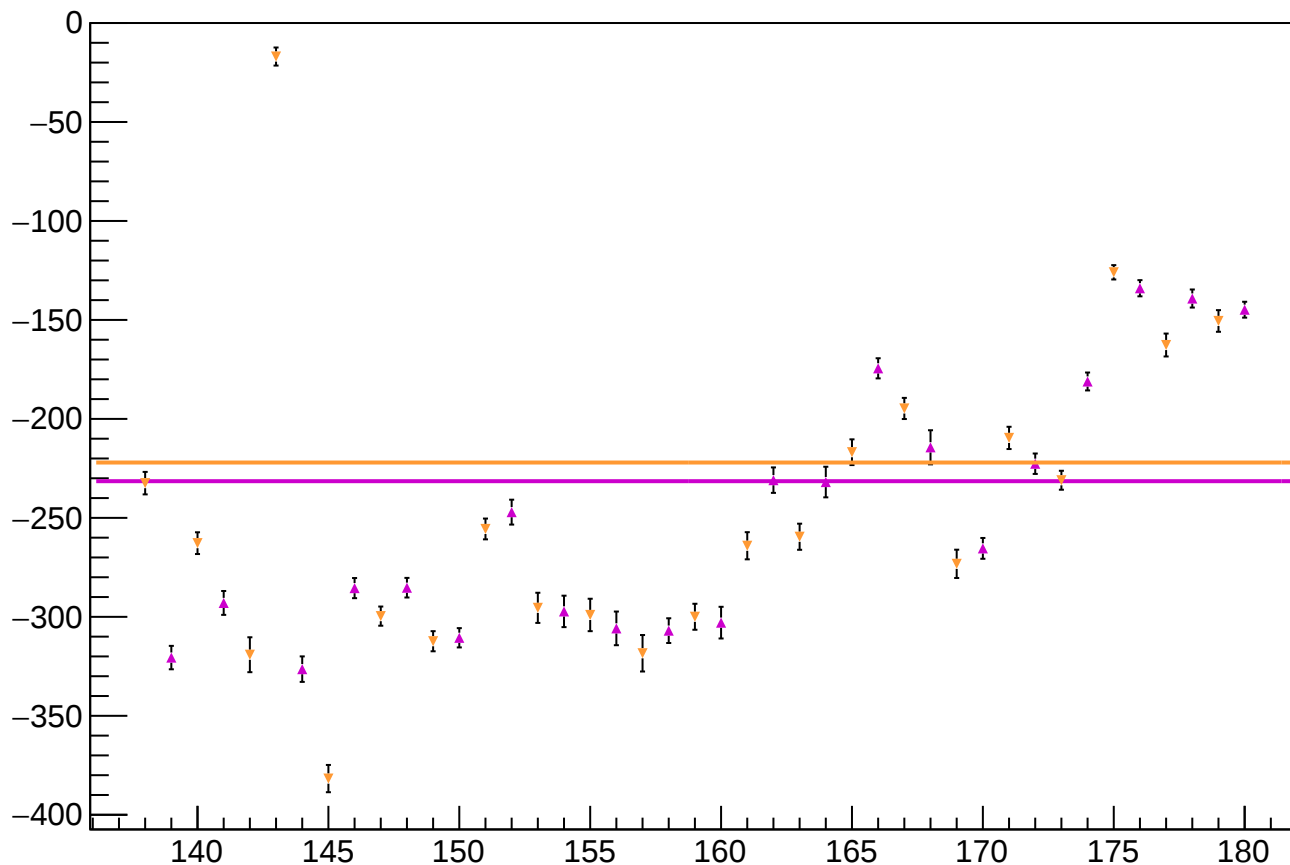
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.509+/-0.075 χ^2/NDF : 207023.1/37

Out: -255.354+/-0.075 χ^2/NDF : 188786.1/40

All: -255.931+/-0.053 χ^2/NDF : 395927.1/78

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: -222.039 +/- 1.223 χ^2/NDF : 4918.2/21

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: -231.466 +/- 1.209 χ^2/NDF : 3162.3/20

Left: -226.806 +/- 0.860 χ^2/NDF : 8110.6/42

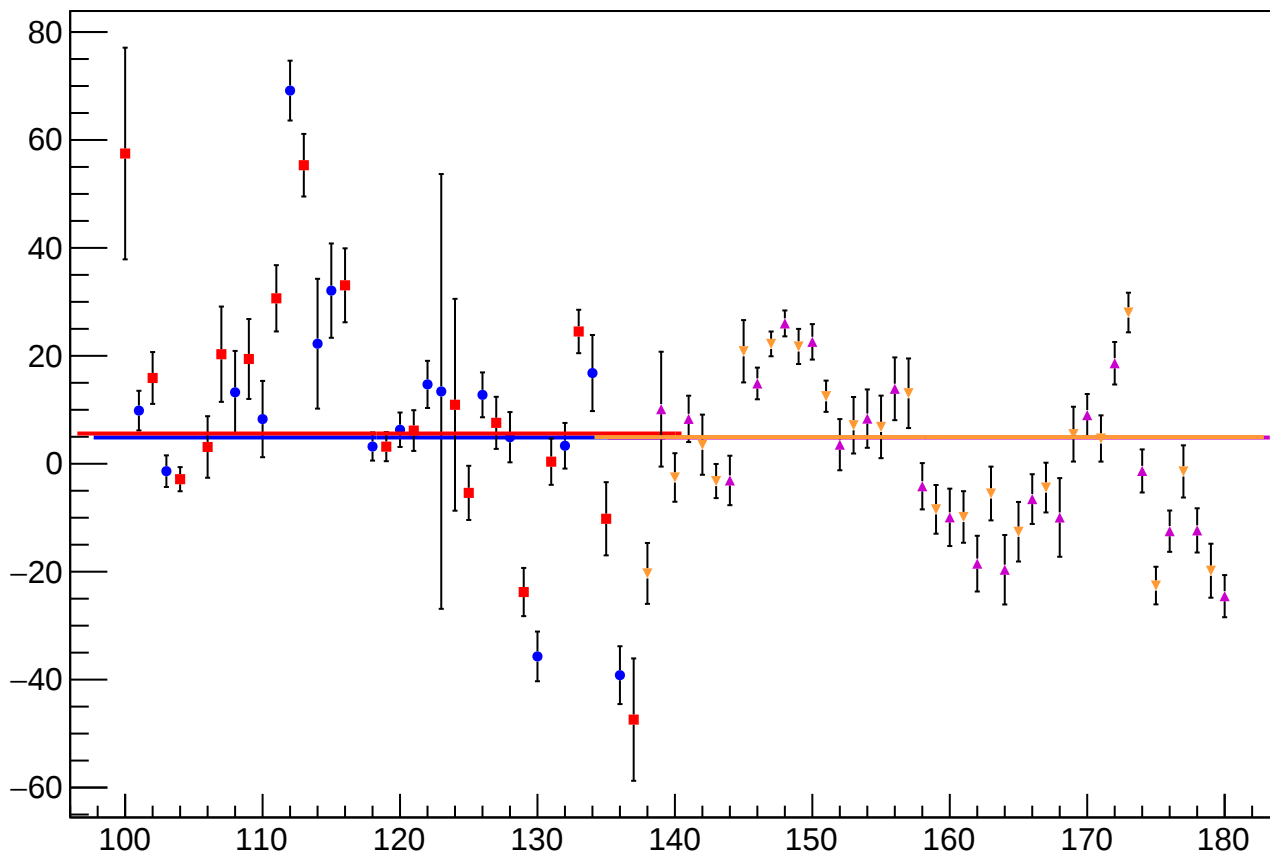
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -231.466 +/- 1.209 χ^2/NDF : 3162.3/20

Out: -222.039 +/- 1.223 χ^2/NDF : 4918.2/21

All: -226.806 +/- 0.860 χ^2/NDF : 8110.6/42

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 4.945 ± 0.883 χ^2/NDF : 294.2/21

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 4.857 ± 0.911 χ^2/NDF : 293.1/20

Left: 4.903 ± 0.634 χ^2/NDF : 587.3/42

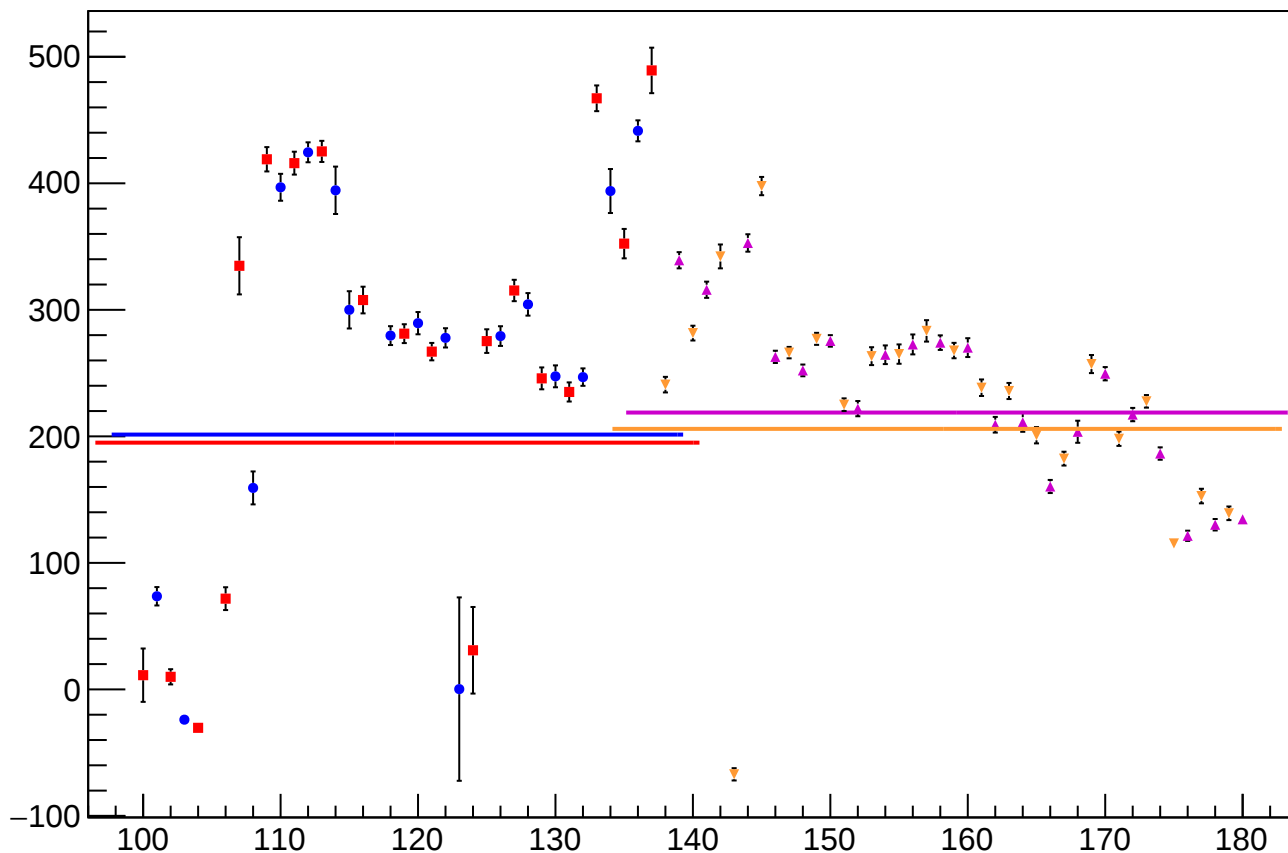
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 4.863 ± 0.699 χ^2/NDF : 604.6/37

Out: 5.213 ± 0.681 χ^2/NDF : 533.0/40

All: 5.042 ± 0.488 χ^2/NDF : 1137.7/78

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: 205.919 $\pm$ 1.215 χ^2 /NDF: 5994.3/21

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 218.818 $\pm$ 1.198 χ^2 /NDF: 3095.1/20

Left: 212.463 $\pm$ 0.853 χ^2 /NDF: 9146.5/42

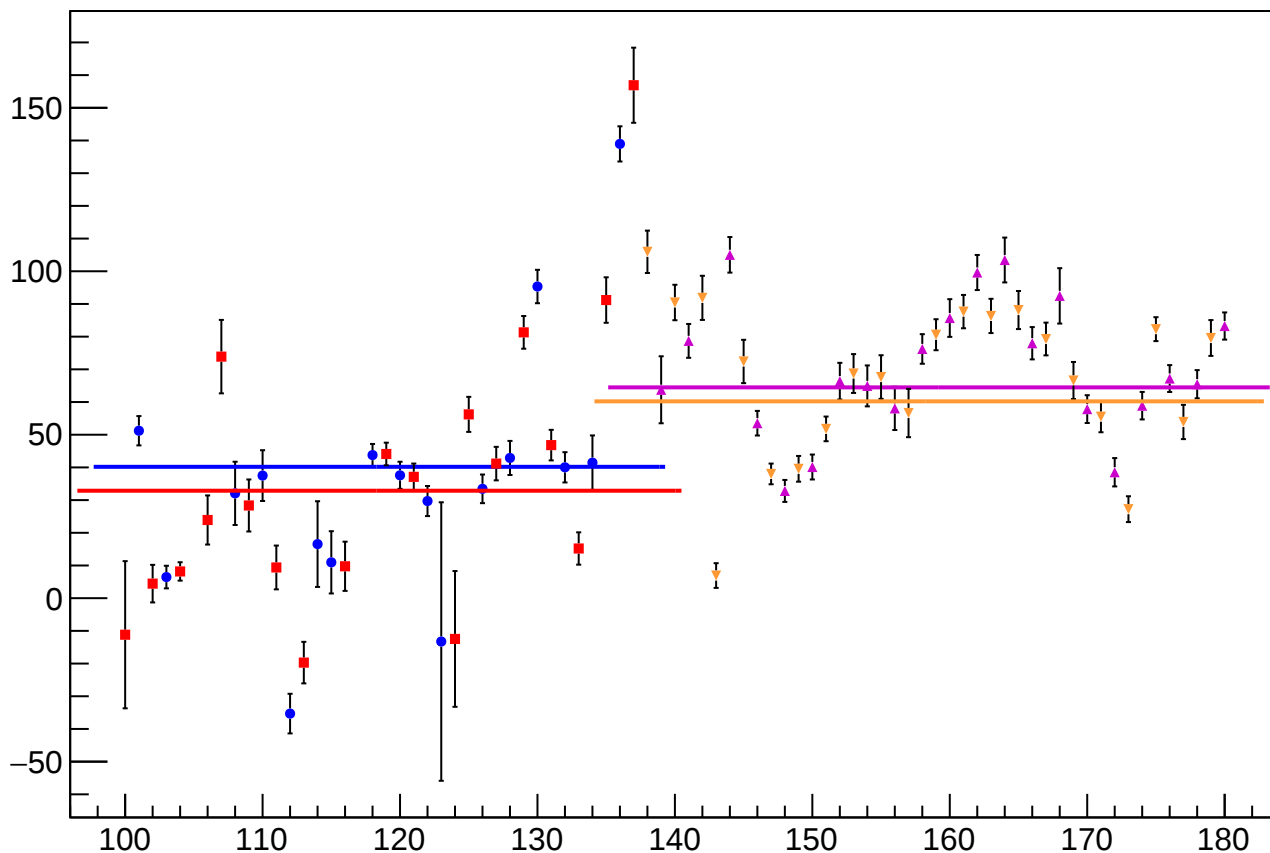
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 214.132 $\pm$ 1.024 χ^2 /NDF: 9892.4/37

Out: 202.809 $\pm$ 1.027 χ^2 /NDF: 14271.9/40

All: 208.490 $\pm$ 0.725 χ^2 /NDF: 24225.3/78

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 60.210 ± 1.027 $\chi^2/\text{NDF}: 622.5/21$

Right Out: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 64.484 ± 1.046 $\chi^2/\text{NDF}: 377.2/20$

Left: 62.308 ± 0.733 $\chi^2/\text{NDF}: 1008.2/42$

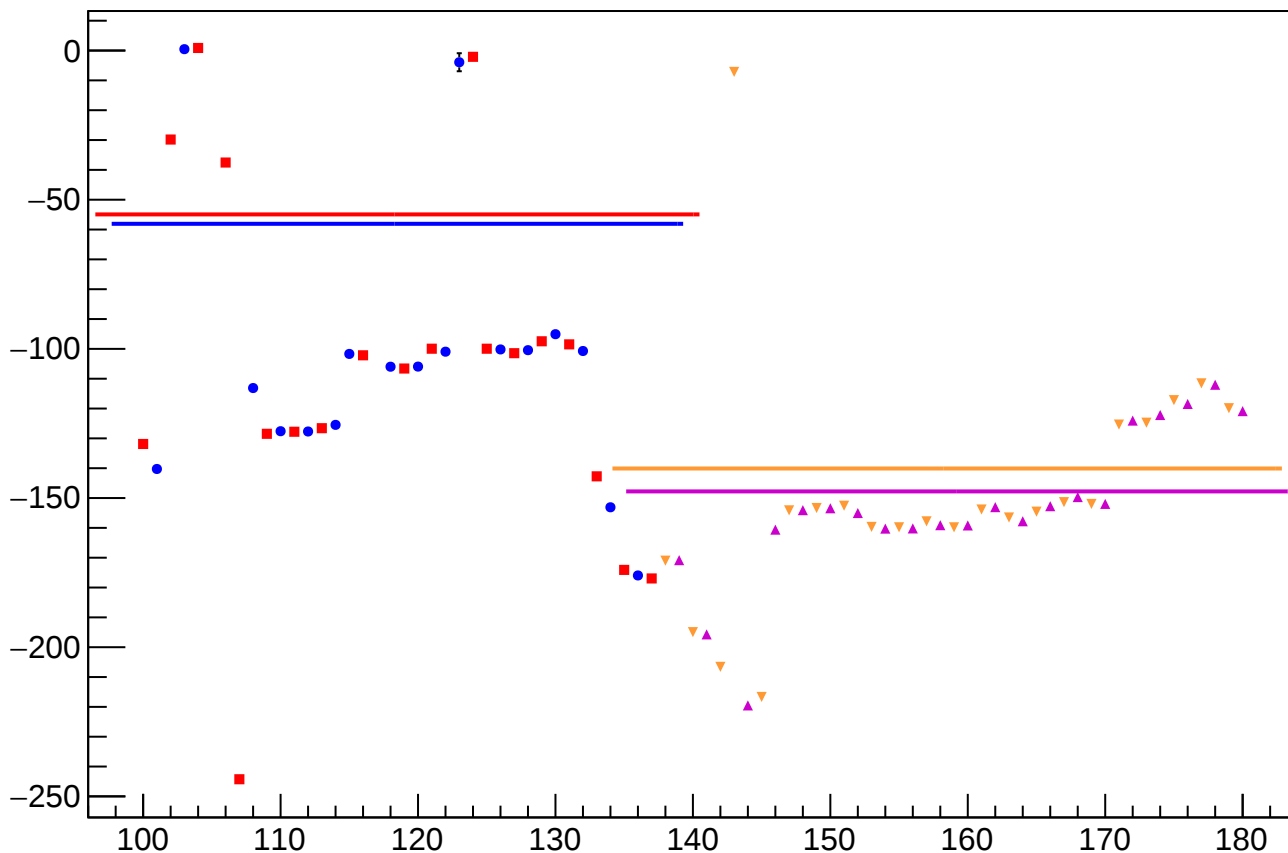
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 54.663 ± 0.807 $\chi^2/\text{NDF}: 1329.4/37$

Out: 49.207 ± 0.794 $\chi^2/\text{NDF}: 1458.9/40$

All: 51.888 ± 0.566 $\chi^2/\text{NDF}: 2811.6/78$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -140.096 ± 0.049 $\chi^2/\text{NDF}: 730399.0/21$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -147.778 ± 0.049 $\chi^2/\text{NDF}: 227814.7/20$

Left: -143.973 ± 0.035 $\chi^2/\text{NDF}: 970479.4/42$

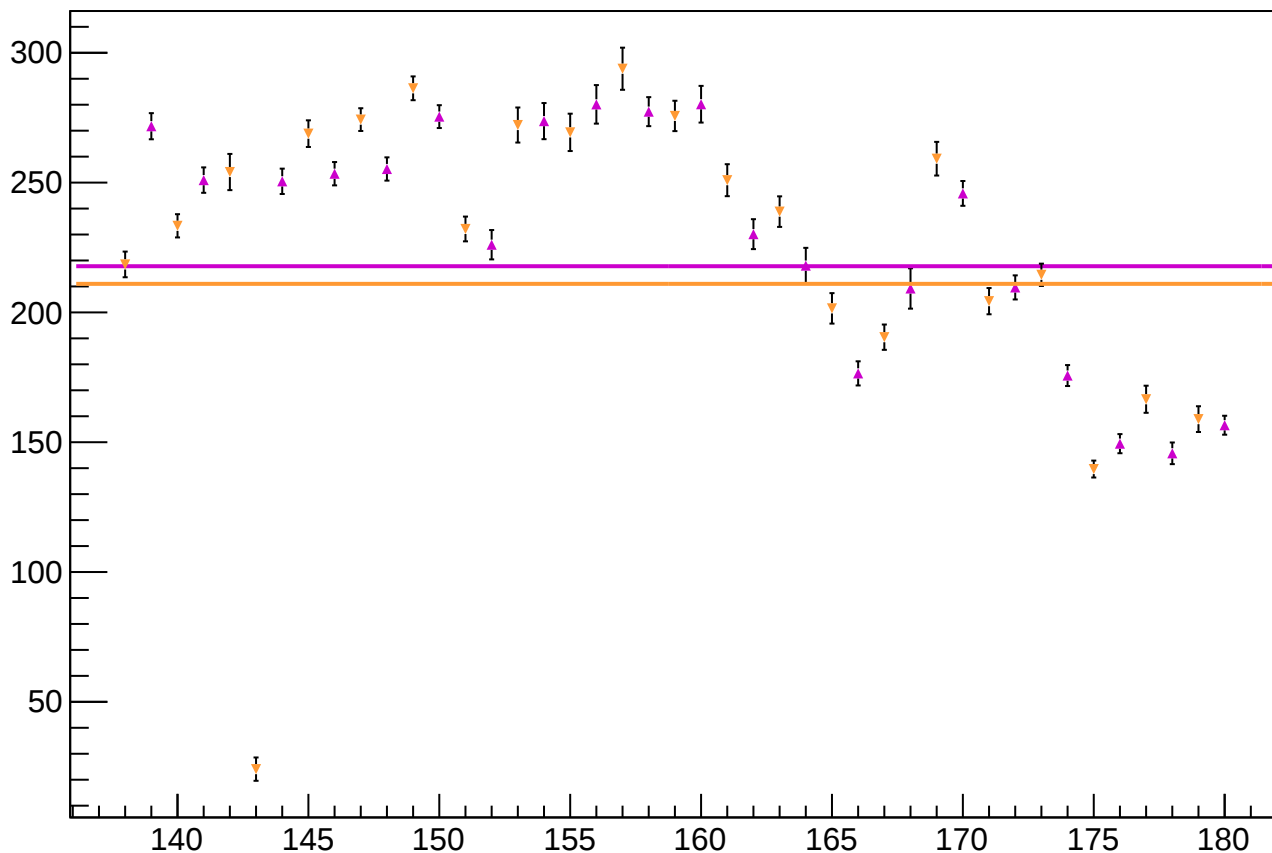
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -113.192 ± 0.038 $\chi^2/\text{NDF}: 2634266.3/37$

Out: -105.929 ± 0.038 $\chi^2/\text{NDF}: 2932776.2/40$

All: -109.548 ± 0.027 $\chi^2/\text{NDF}: 5585117.4/78$

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: 210.998+/-1.089 χ^2/NDF :3601.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 217.793+/-1.073 χ^2/NDF :1994.4/20

Left: 214.446+/-0.764 χ^2/NDF : 5615.9/42

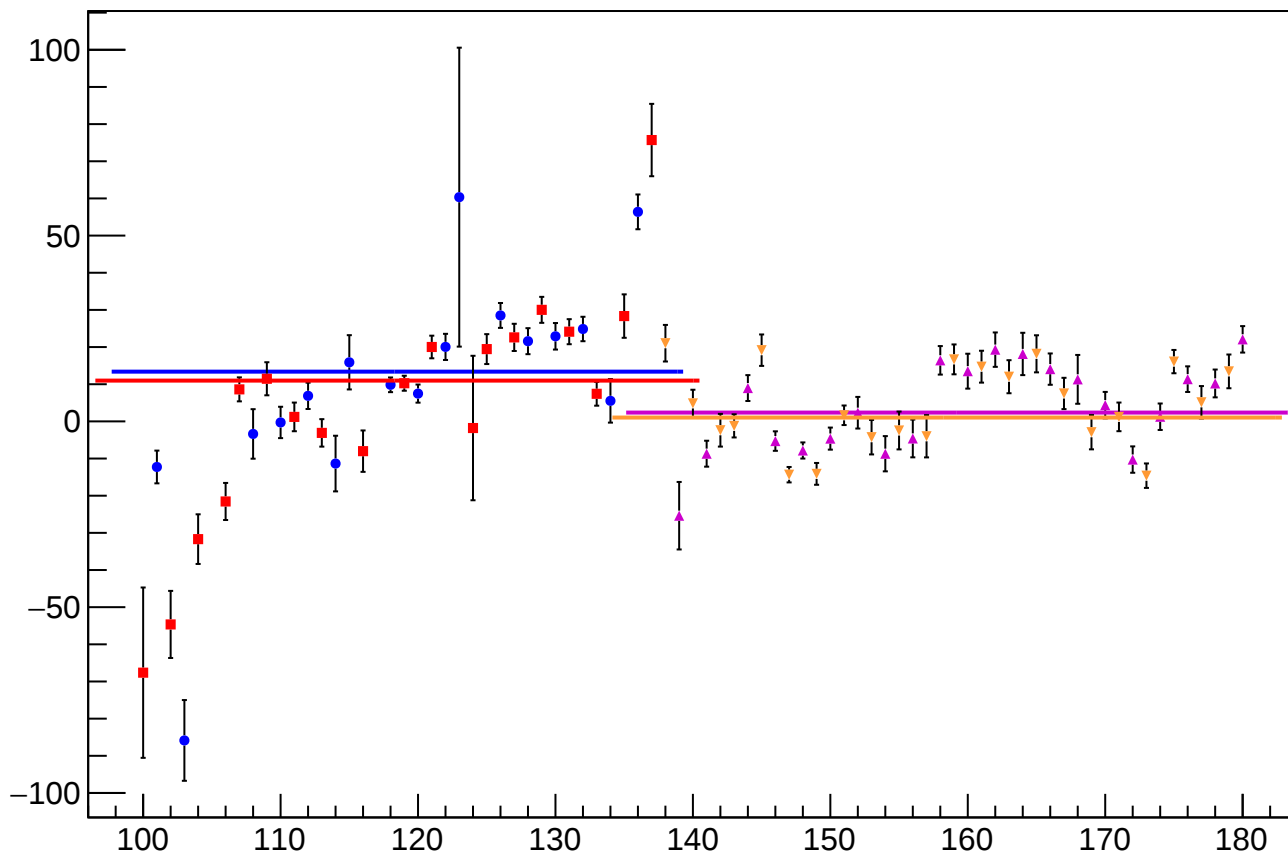
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 217.793+/-1.073 χ^2/NDF :1994.4/20

Out: 210.998+/-1.089 χ^2/NDF :3601.8/21

All: 214.446+/-0.764 χ^2/NDF : 5615.9/42

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: 1.031+/-0.789 χ^2 /NDF:221.6/21

Right Out: 10.975+/-0.915 χ^2 /NDF: 304.0/18

Left In: 2.369+/-0.809 χ^2 /NDF:171.1/20

Left: 1.683+/-0.565 χ^2 /NDF: 394.1/42

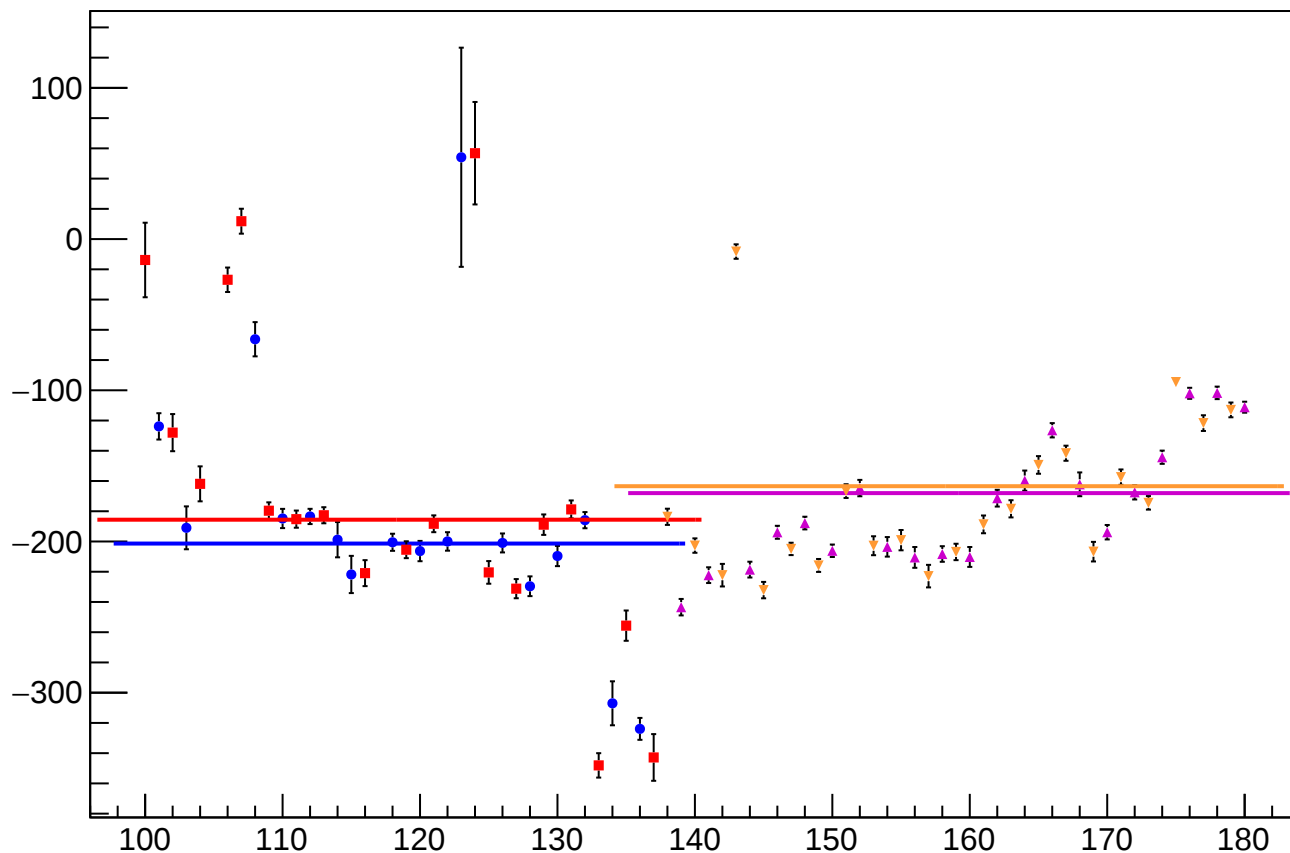
Right: 12.172+/-0.649 χ^2 /NDF: 601.5/35

In: 7.166+/-0.608 χ^2 /NDF:545.9/37

Out: 5.272+/-0.597 χ^2 /NDF:593.4/40

All: 6.203+/-0.426 χ^2 /NDF: 1144.2/78

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -163.433 ± 1.083 χ^2/NDF : 2524.2/21

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -168.004 ± 1.064 χ^2/NDF : 1677.0/20

Left: -165.759 ± 0.759 χ^2/NDF : 4210.3/42

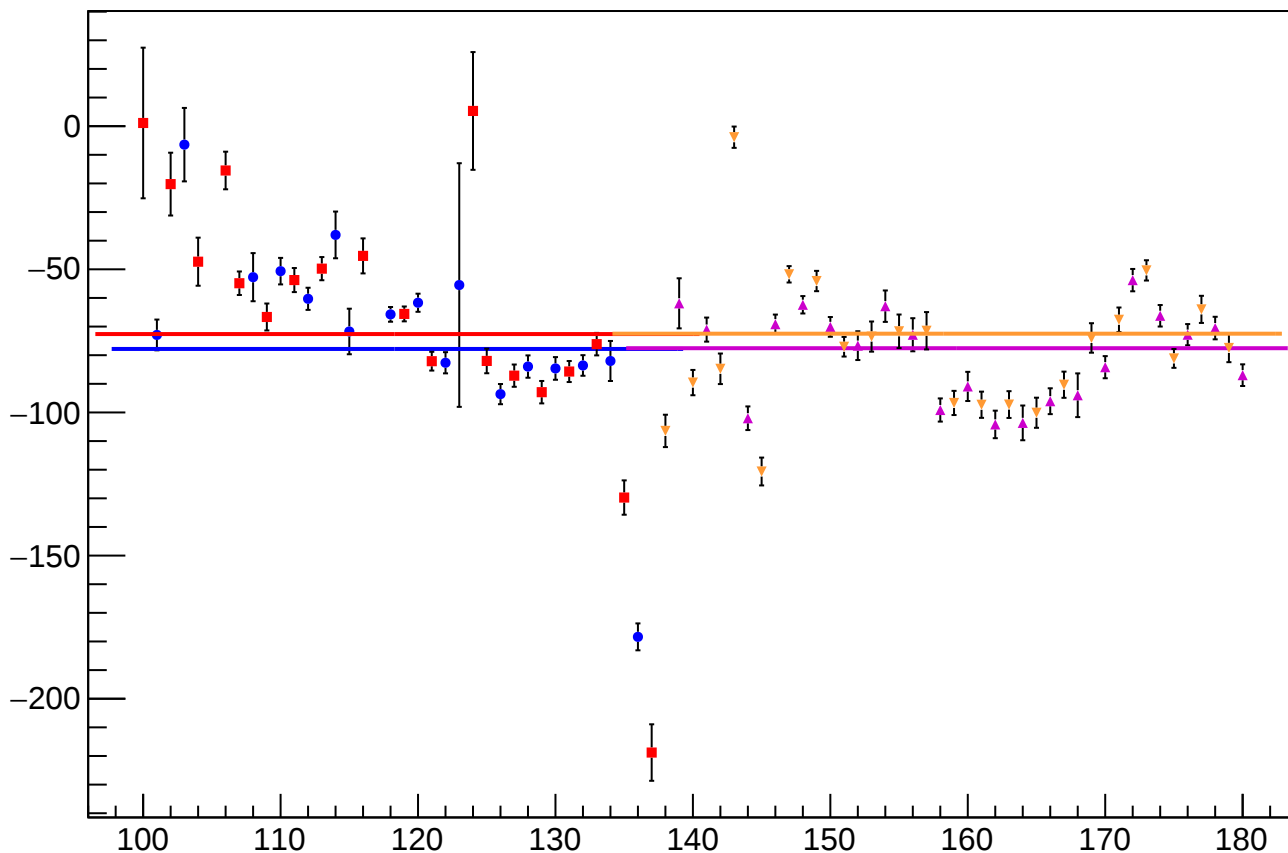
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -176.766 ± 0.914 χ^2/NDF : 2560.0/37

Out: -169.836 ± 0.913 χ^2/NDF : 4393.3/40

All: -173.299 ± 0.646 χ^2/NDF : 6982.1/78

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -72.486 ± 0.917 χ^2/NDF : 760.4/21

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -77.560 ± 0.929 χ^2/NDF : 250.5/20

Left: -74.989 ± 0.652 χ^2/NDF : 1026.0/42

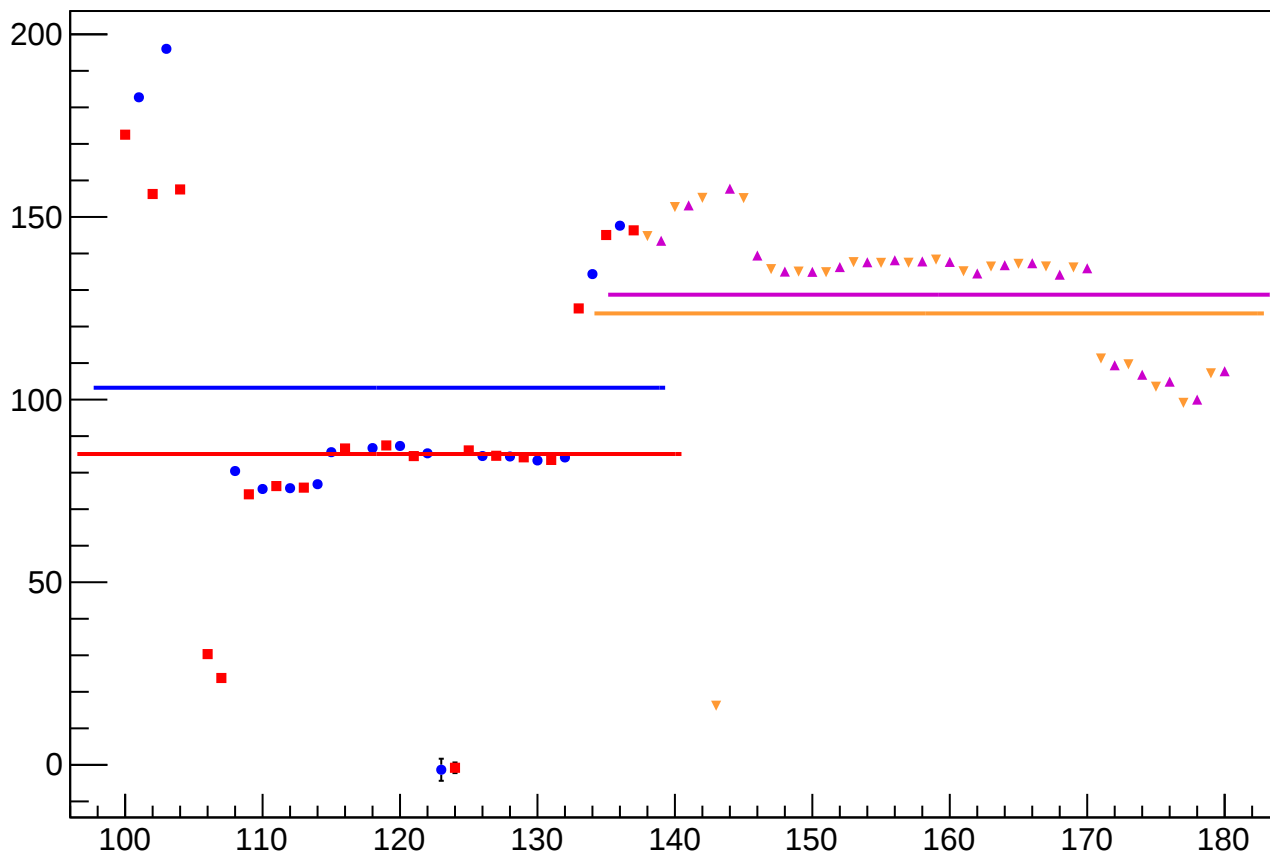
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.671 ± 0.701 χ^2/NDF : 906.9/37

Out: -72.542 ± 0.691 χ^2/NDF : 1367.3/40

All: -75.071 ± 0.492 χ^2/NDF : 2301.3/78

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: 123.592 $\pm$ 0.044 χ^2 /NDF: 465602.2/21

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 128.720 $\pm$ 0.043 χ^2 /NDF: 142848.0/20

Left: 126.189 $\pm$ 0.031 χ^2 /NDF: 615366.2/42

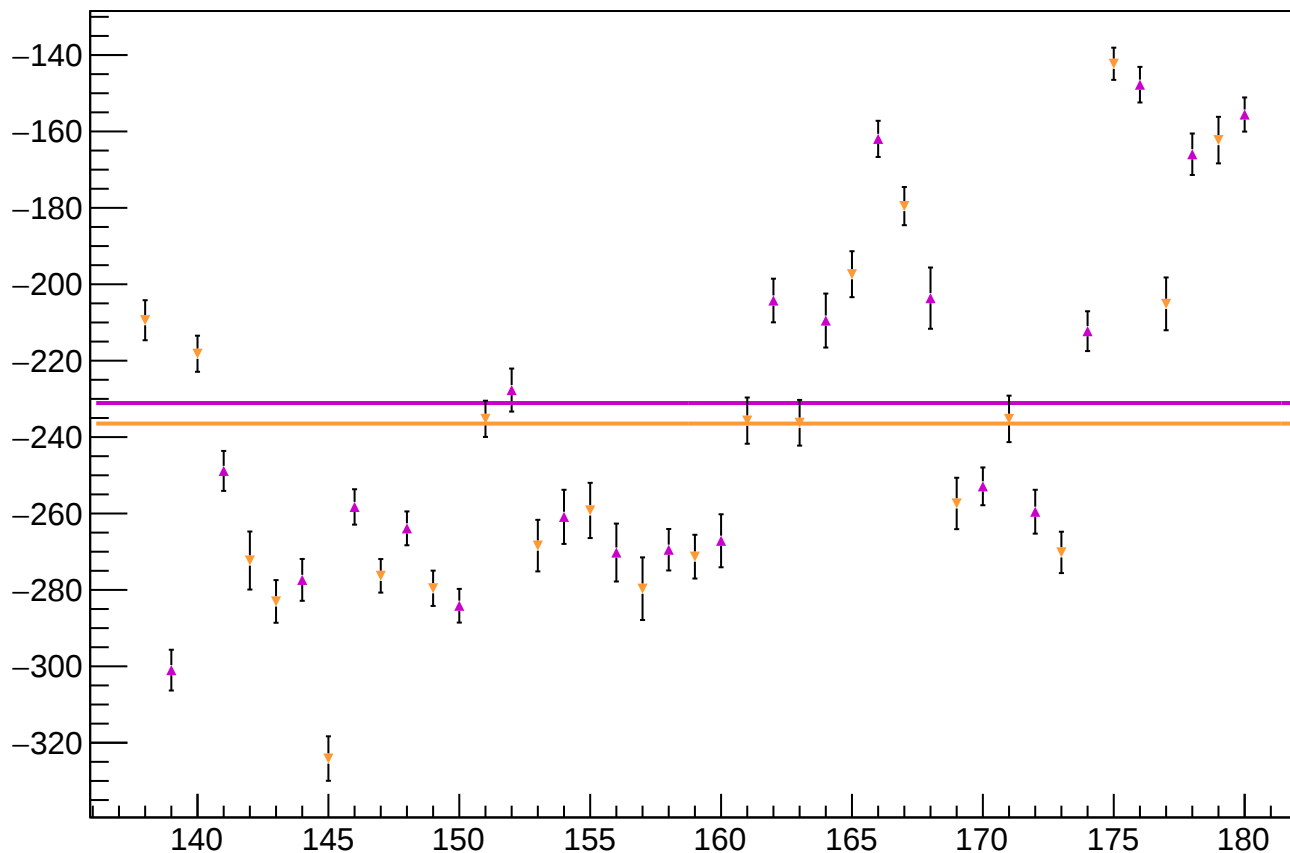
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 121.733 $\pm$ 0.037 χ^2 /NDF: 511086.8/37

Out: 111.210 $\pm$ 0.036 χ^2 /NDF: 1136661.9/40

All: 116.361 $\pm$ 0.026 χ^2 /NDF: 1689257.2/78

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: -236.462+/-1.195 χ^2/NDF :1516.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -231.084+/-1.173 χ^2/NDF :1673.5/20

Left: -233.723+/-0.837 χ^2/NDF : 3200.0/42

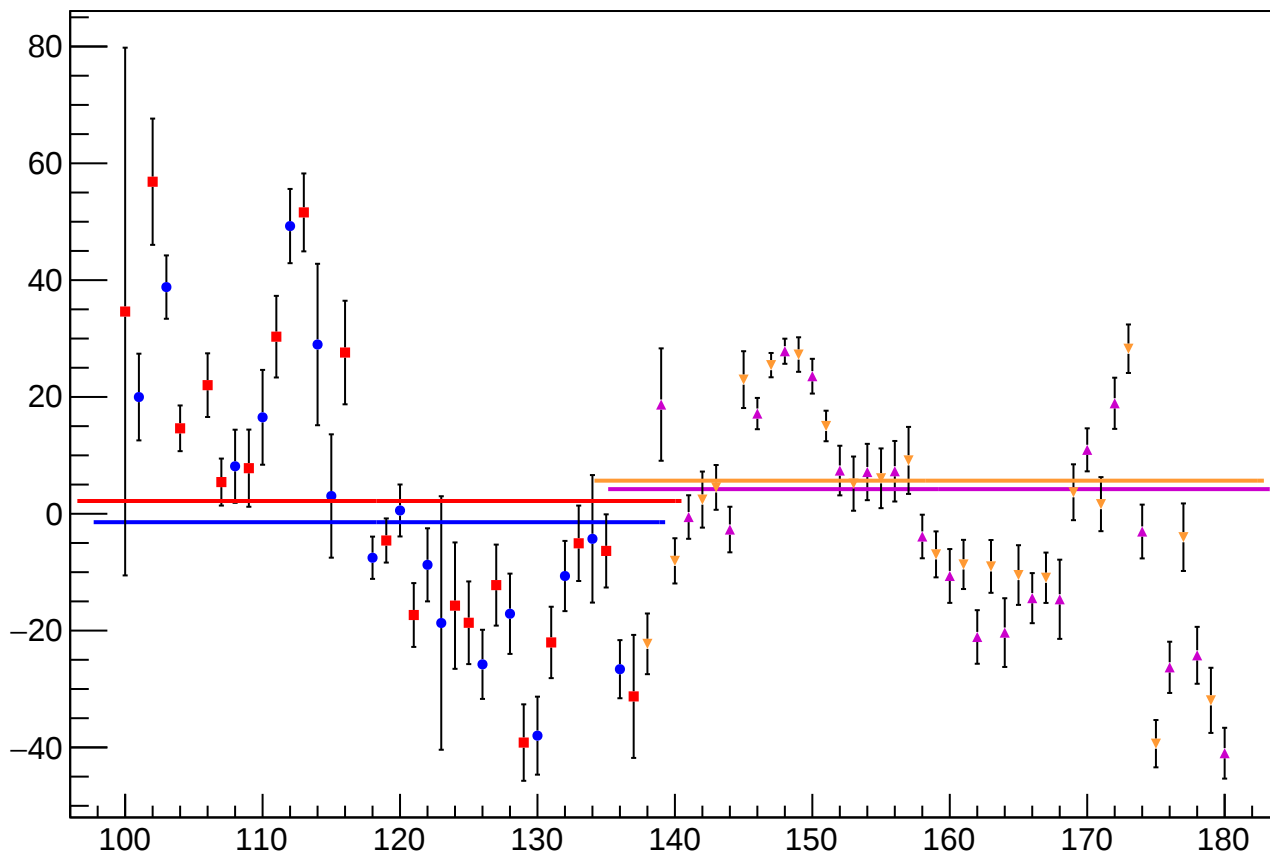
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -231.084+/-1.173 χ^2/NDF :1673.5/20

Out: -236.462+/-1.195 χ^2/NDF :1516.2/21

All: -233.723+/-0.837 χ^2/NDF : 3200.0/42

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 5.669 ± 0.846 $\chi^2/\text{NDF}: 471.3/21$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 4.218 ± 0.862 $\chi^2/\text{NDF}: 491.8/20$

Left: 4.958 ± 0.604 $\chi^2/\text{NDF}: 964.5/42$

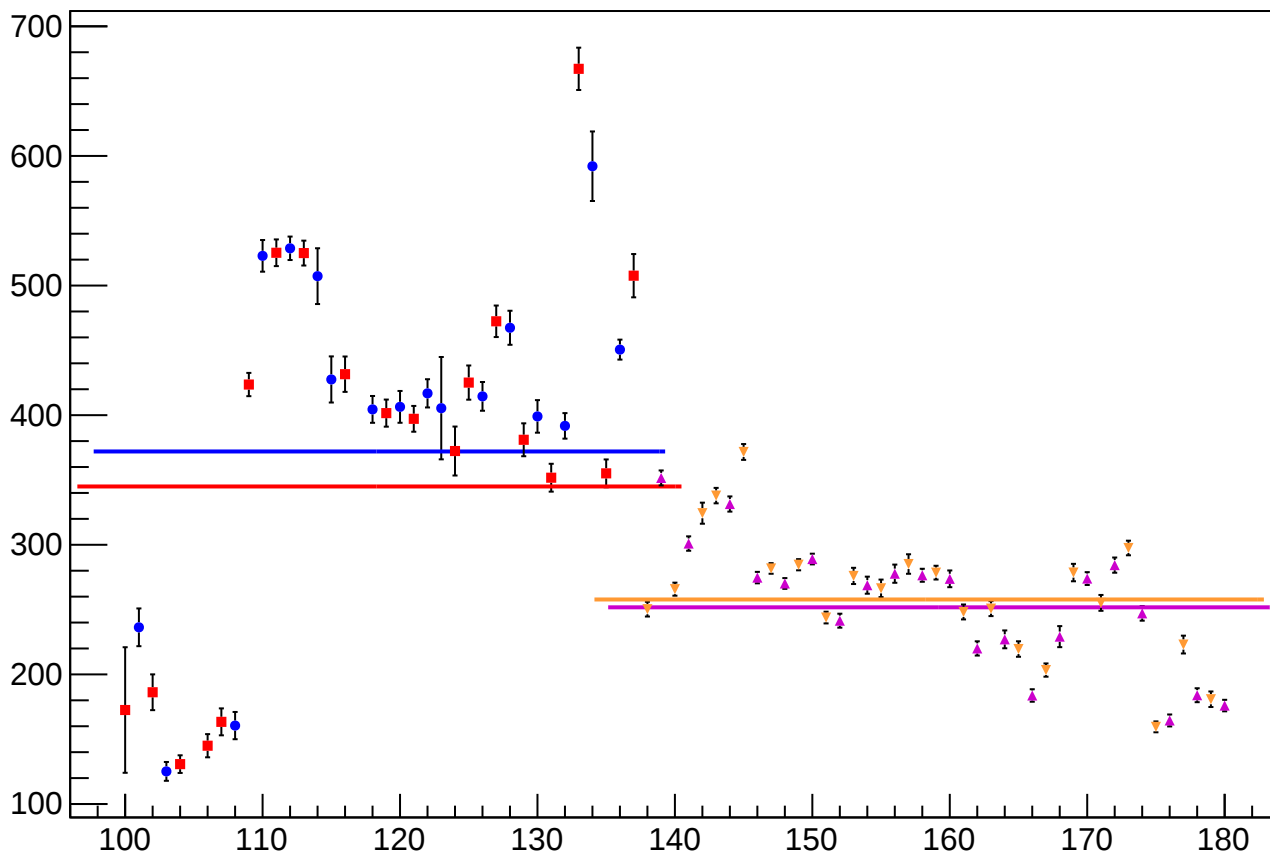
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 2.835 ± 0.750 $\chi^2/\text{NDF}: 726.7/37$

Out: 4.739 ± 0.724 $\chi^2/\text{NDF}: 706.5/40$

All: 3.820 ± 0.521 $\chi^2/\text{NDF}: 1436.6/78$

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: 257.800 $\pm$ 1.182 χ^2 /NDF:1674.6/21

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 251.751 $\pm$ 1.157 χ^2 /NDF:1862.3/20

Left: 254.711 $\pm$ 0.827 χ^2 /NDF: 3550.3/42

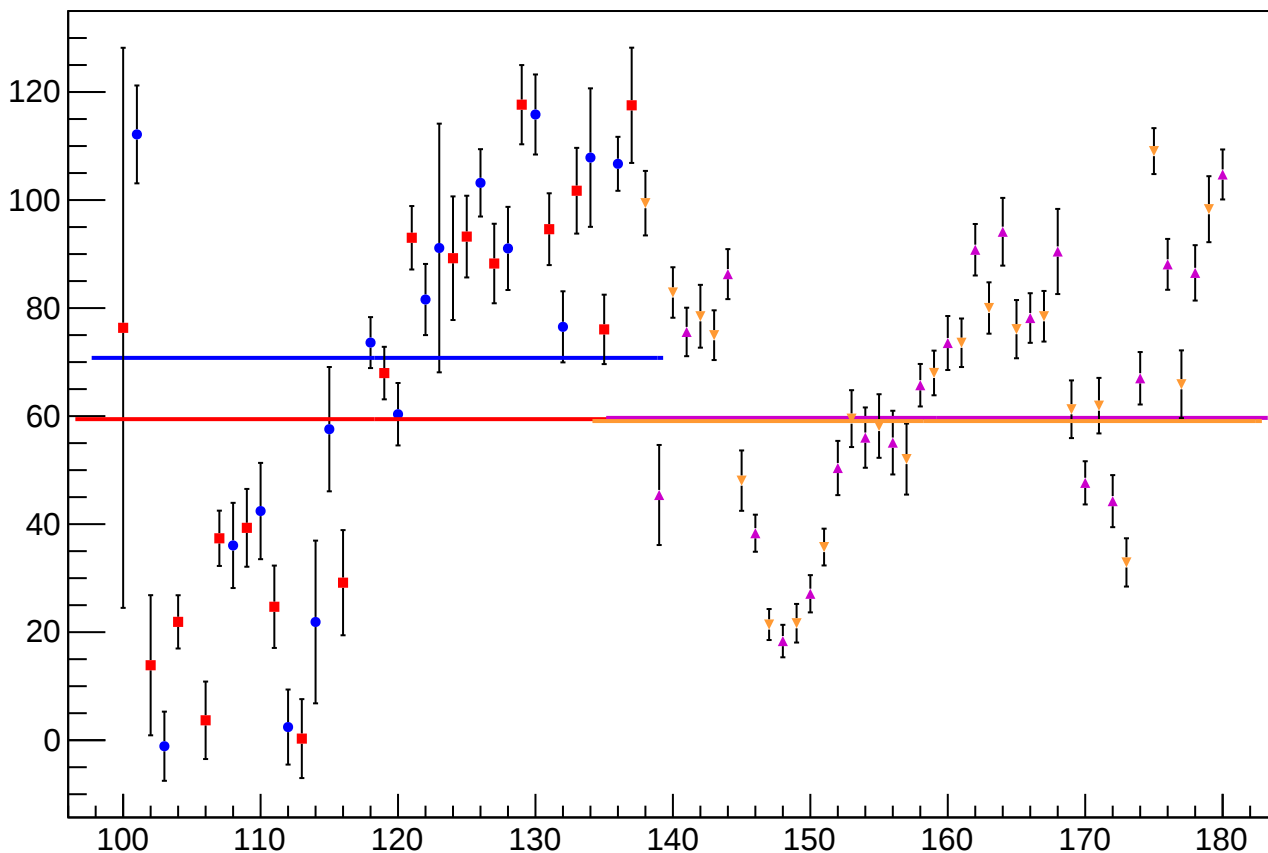
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 269.682 $\pm$ 1.068 χ^2 /NDF:5903.1/37

Out: 273.120 $\pm$ 1.073 χ^2 /NDF:6044.5/40

All: 271.392 $\pm$ 0.757 χ^2 /NDF: 11952.8/78

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: 59.084 $\pm$ 0.990 χ^2 /NDF: 705.4/21

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 59.670 $\pm$ 0.998 χ^2 /NDF: 663.6/20

Left: 59.375 $\pm$ 0.703 χ^2 /NDF: 1369.2/42

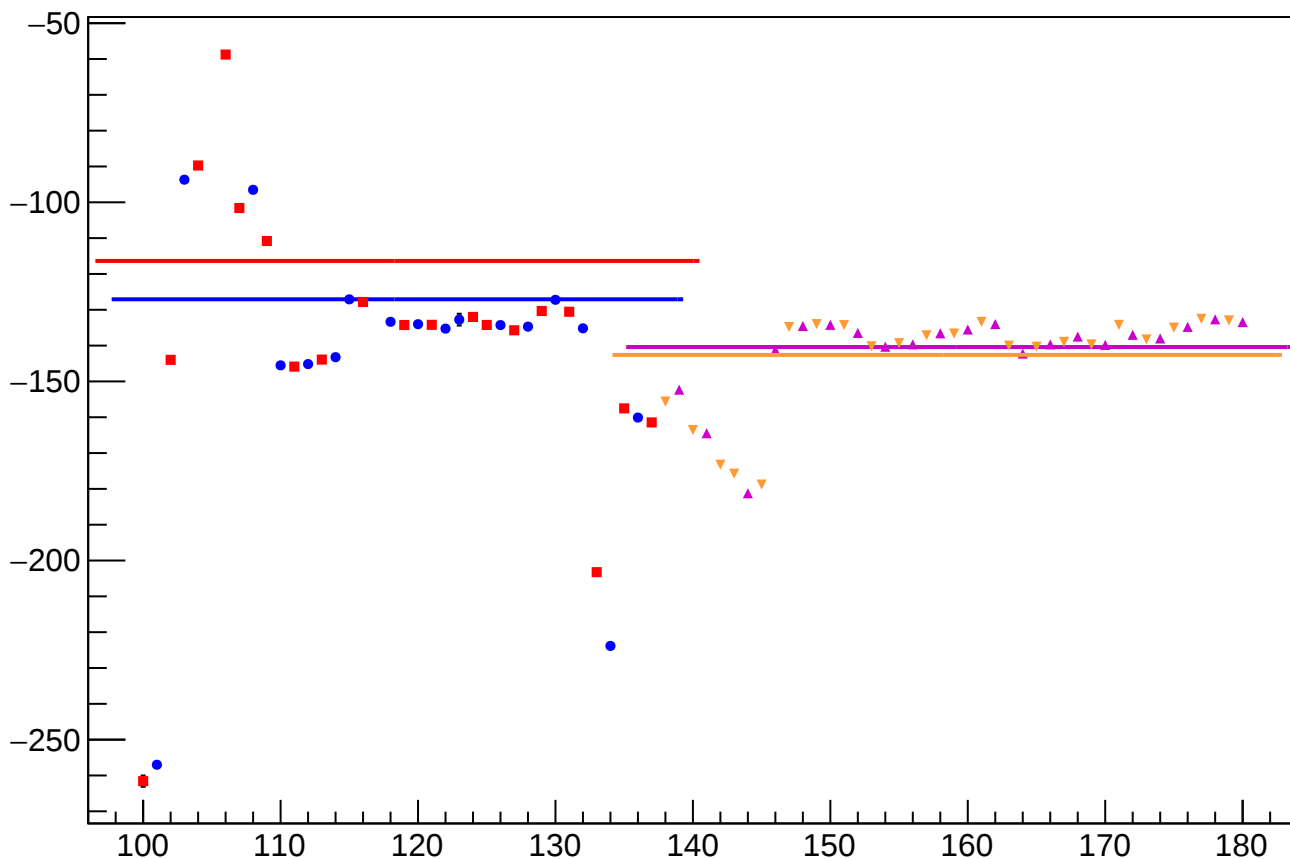
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 62.406 $\pm$ 0.867 χ^2 /NDF: 1118.0/37

Out: 59.179 $\pm$ 0.847 χ^2 /NDF: 1192.2/40

All: 60.755 $\pm$ 0.606 χ^2 /NDF: 2317.3/78

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -142.601+/-0.048 χ^2/NDF : 78461.5/21

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -140.401+/-0.047 χ^2/NDF : 47861.7/20

Left: -141.480+/-0.033 χ^2/NDF : 127405.0/42

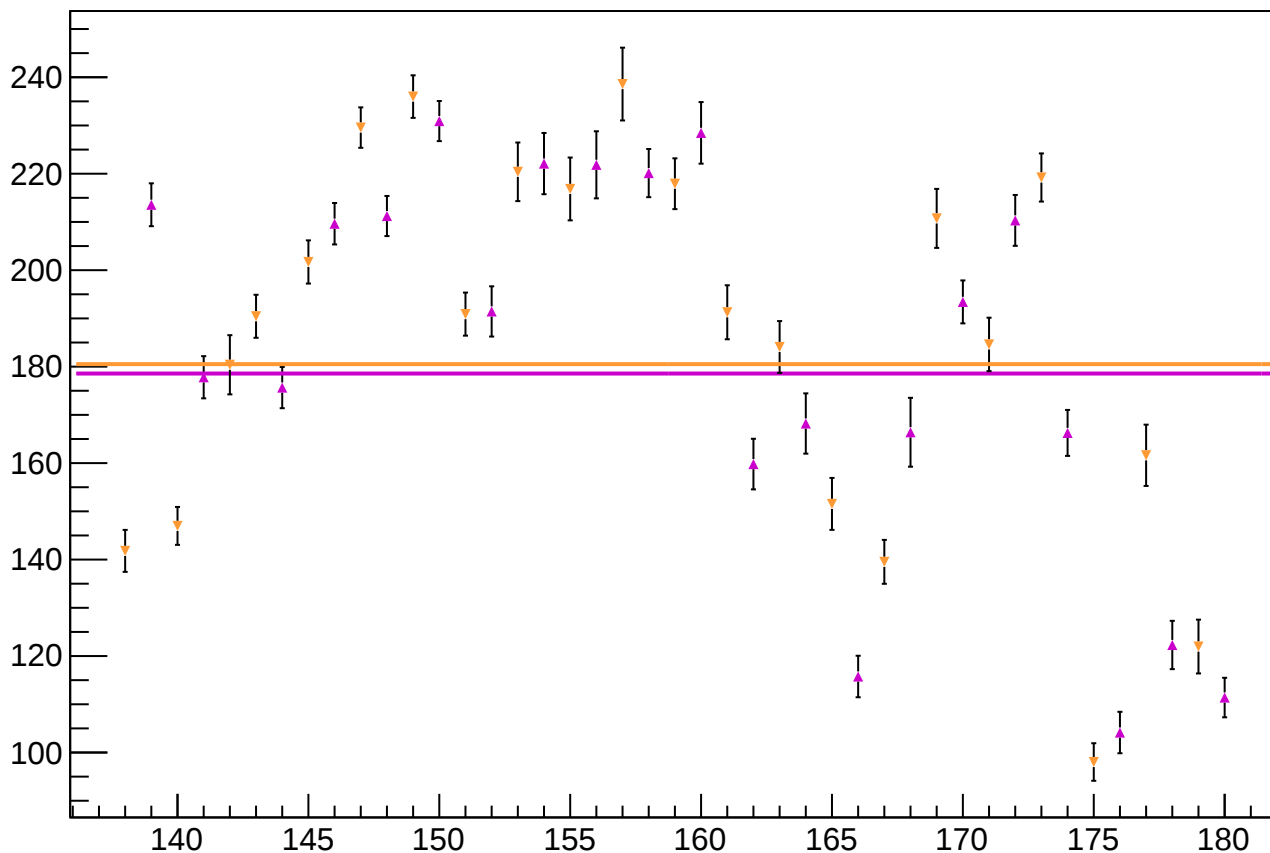
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.538+/-0.041 χ^2/NDF : 232283.5/37

Out: -136.066+/-0.041 χ^2/NDF : 321226.0/40

All: -136.800+/-0.029 χ^2/NDF : 554140.7/78

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 180.519+/-1.067 χ^2/NDF :1430.6/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 178.573+/-1.057 χ^2/NDF :1538.1/20

Left: 179.537+/-0.751 χ^2/NDF : 2970.4/42

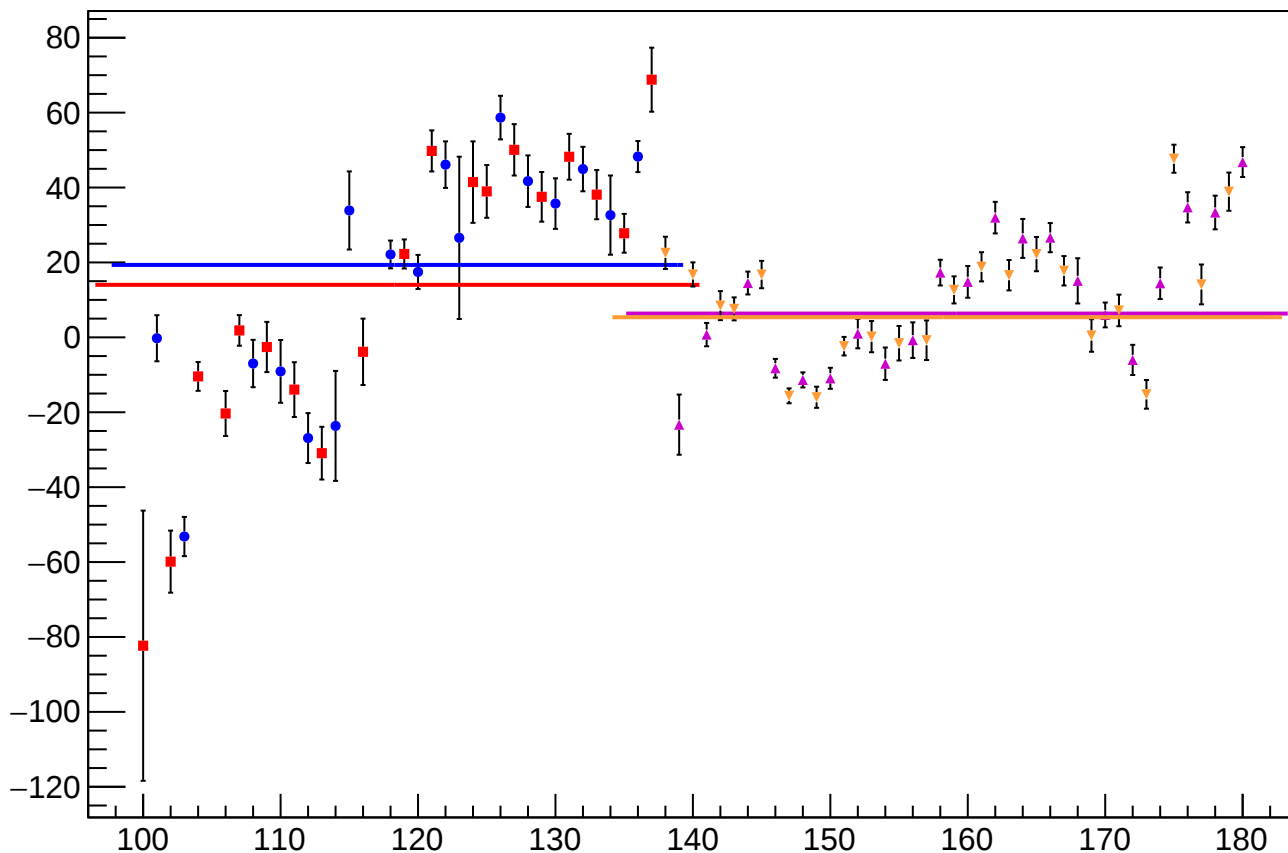
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 178.573+/-1.057 χ^2/NDF :1538.1/20

Out: 180.519+/-1.067 χ^2/NDF :1430.6/21

All: 179.537+/-0.751 χ^2/NDF : 2970.4/42

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: 5.374 ± 0.763 $\chi^2/\text{NDF}: 474.5/21$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: 6.351 ± 0.783 $\chi^2/\text{NDF}: 483.1/20$

Left: 5.849 ± 0.546 $\chi^2/\text{NDF}: 958.4/42$

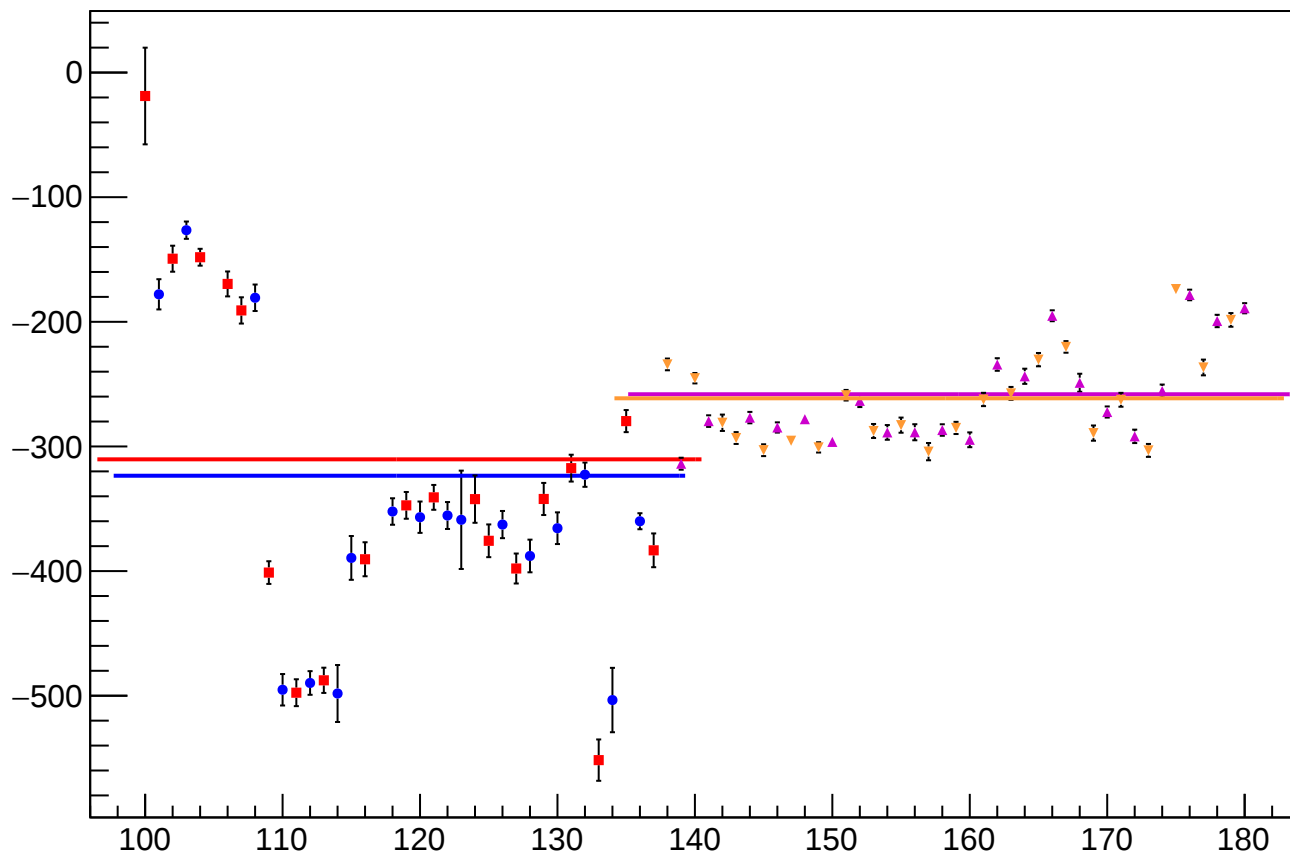
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 9.185 ± 0.692 $\chi^2/\text{NDF}: 982.9/37$

Out: 7.374 ± 0.669 $\chi^2/\text{NDF}: 937.4/40$

All: 8.248 ± 0.481 $\chi^2/\text{NDF}: 1923.9/78$

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: -261.366 ± 1.061 χ^2/NDF : 1294.8/21

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -258.116 ± 1.047 χ^2/NDF : 1528.1/20

Left: -259.719 ± 0.745 χ^2/NDF : 2827.7/42

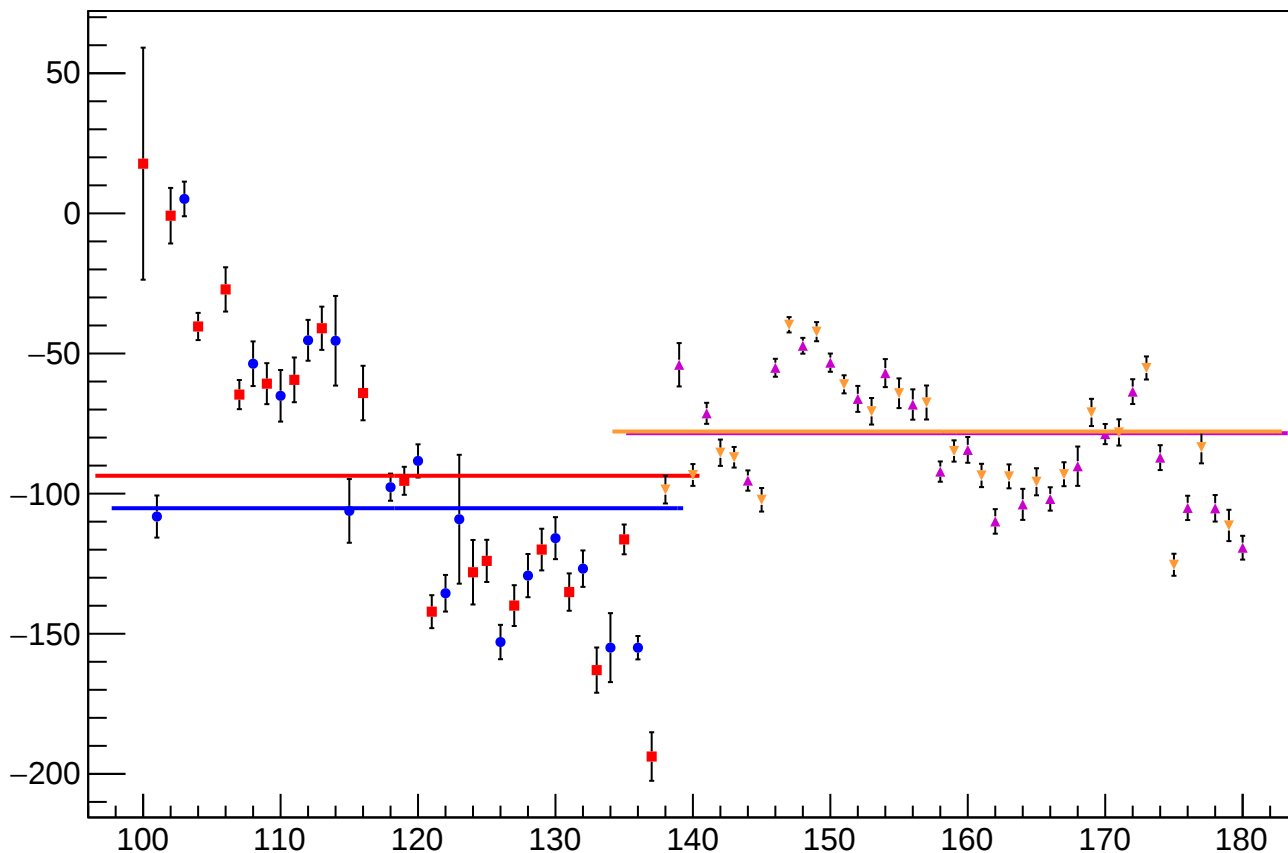
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -266.811 ± 0.975 χ^2/NDF : 3894.4/37

Out: -268.733 ± 0.978 χ^2/NDF : 3915.8/40

All: -267.769 ± 0.690 χ^2/NDF : 7812.1/78

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: -77.836 ± 0.891 χ^2/NDF : 691.0/21

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -78.437 ± 0.905 χ^2/NDF : 600.0/20

Left: -78.132 ± 0.635 χ^2/NDF : 1291.3/42

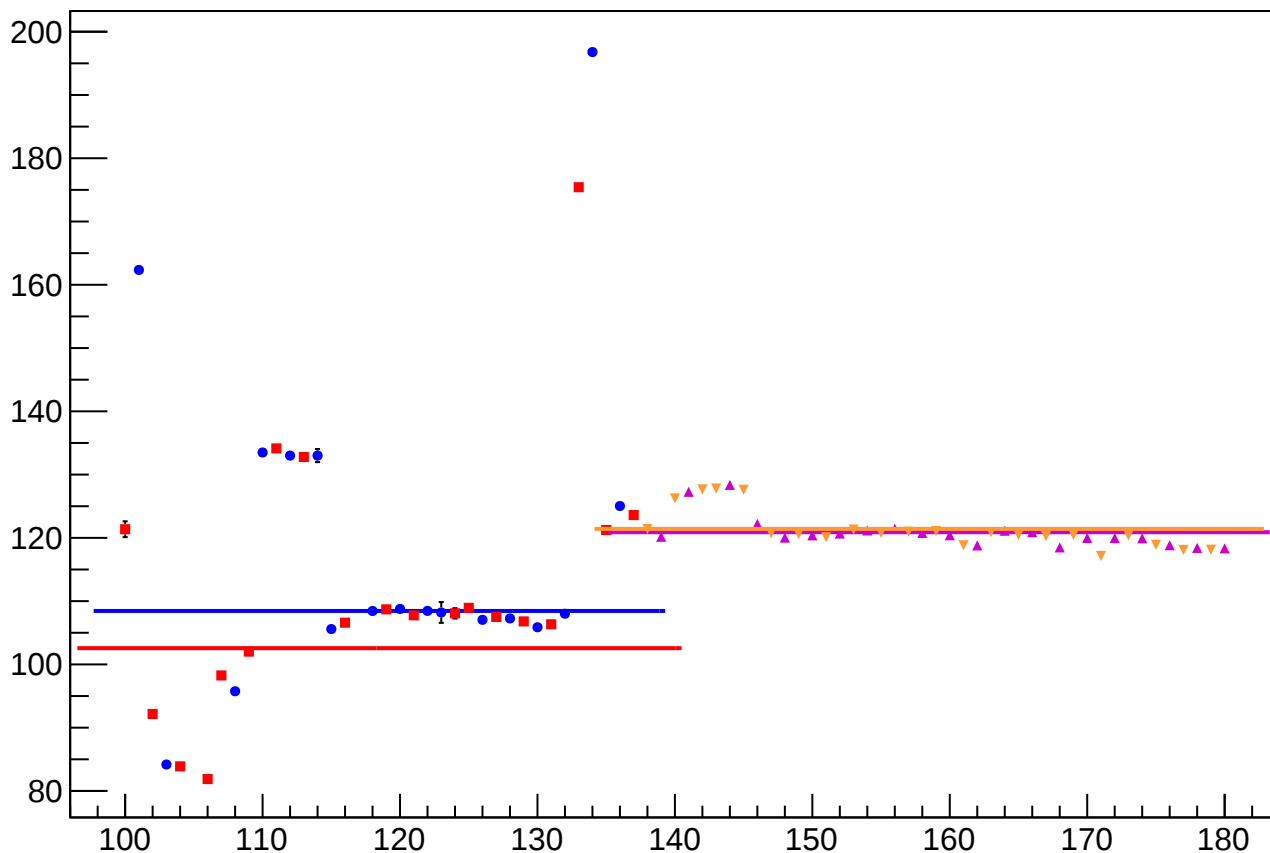
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -84.368 ± 0.799 χ^2/NDF : 1529.4/37

Out: -81.540 ± 0.780 χ^2/NDF : 1587.3/40

All: -82.920 ± 0.558 χ^2/NDF : 3123.1/78

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: 121.422 $\pm$ 0.043 χ^2 /NDF: 4824.6/21

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 120.893 $\pm$ 0.042 χ^2 /NDF: 3322.3/20

Left: 121.154 $\pm$ 0.030 χ^2 /NDF: 8224.3/42

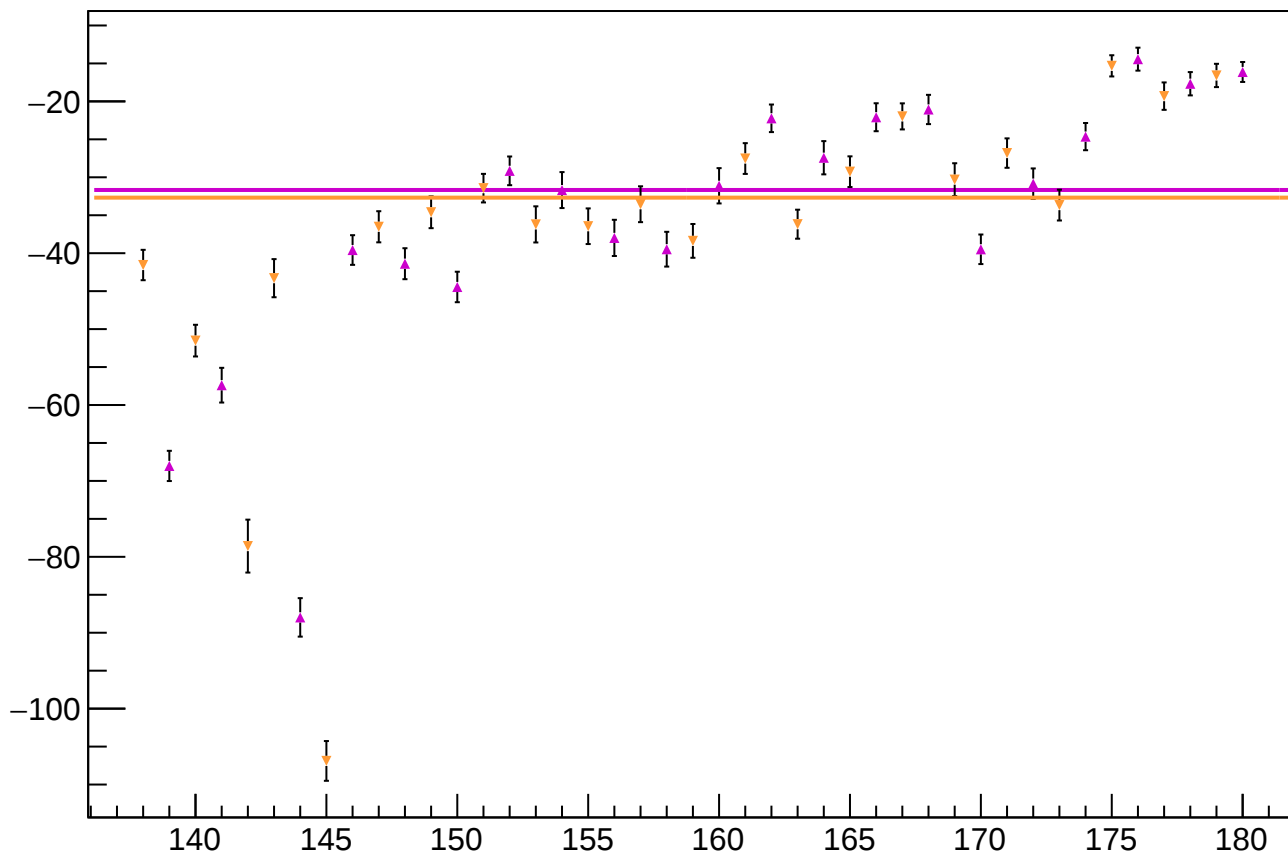
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.413 $\pm$ 0.038 χ^2 /NDF: 93835.8/37

Out: 117.184 $\pm$ 0.038 χ^2 /NDF: 101635.8/40

All: 117.795 $\pm$ 0.027 χ^2 /NDF: 196001.6/78

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: -32.681+/-0.429 χ^2/NDF :1493.0/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.671+/-0.419 χ^2/NDF :1525.6/20

Left: -32.163+/-0.300 χ^2/NDF : 3021.4/42

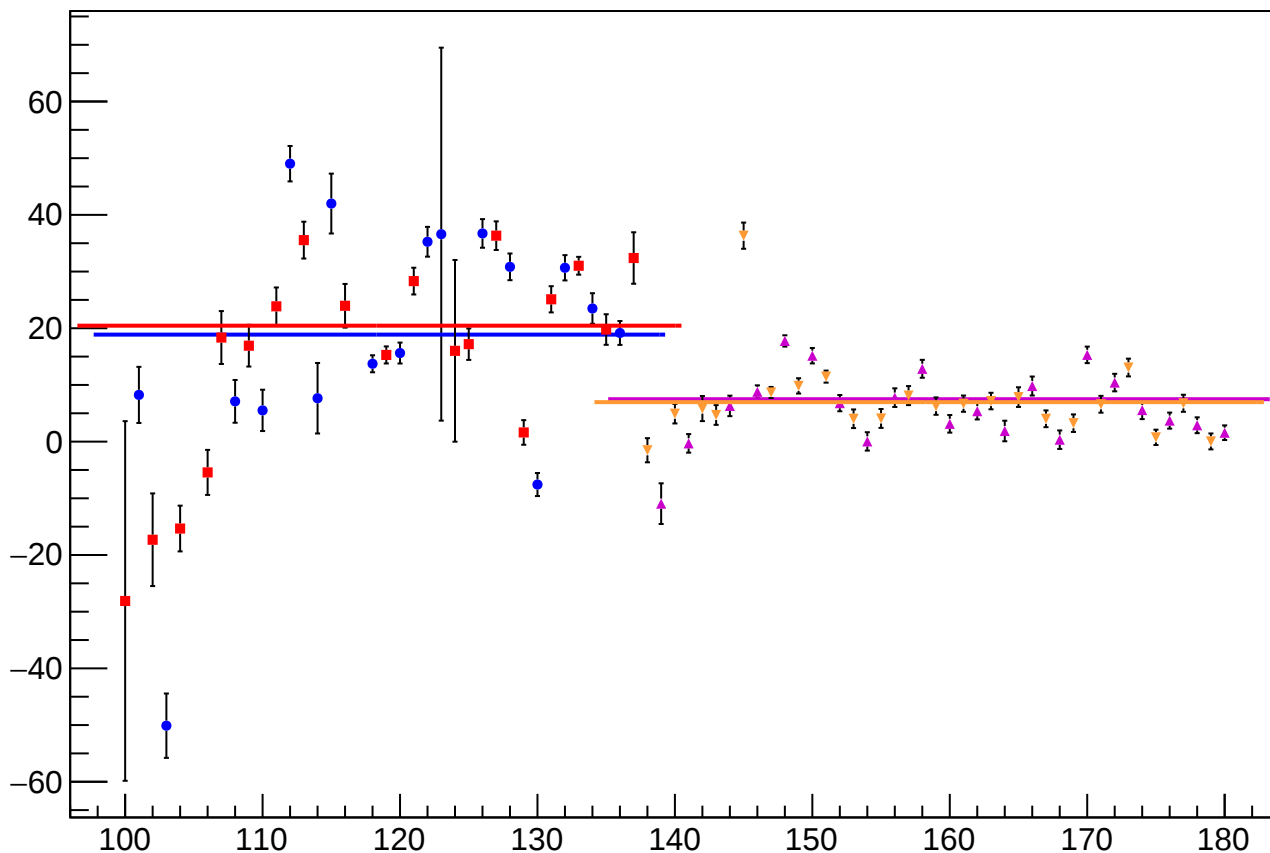
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.671+/-0.419 χ^2/NDF :1525.6/20

Out: -32.681+/-0.429 χ^2/NDF :1493.0/21

All: -32.163+/-0.300 χ^2/NDF : 3021.4/42

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 χ^2/NDF : 620.5/16

Left Out: 6.966 ± 0.319 χ^2/NDF : 283.7/21

Right Out: 20.454 ± 0.643 χ^2/NDF : 364.8/18

Left In: 7.483 ± 0.324 χ^2/NDF : 336.0/20

Left: 7.221 ± 0.227 χ^2/NDF : 621.1/42

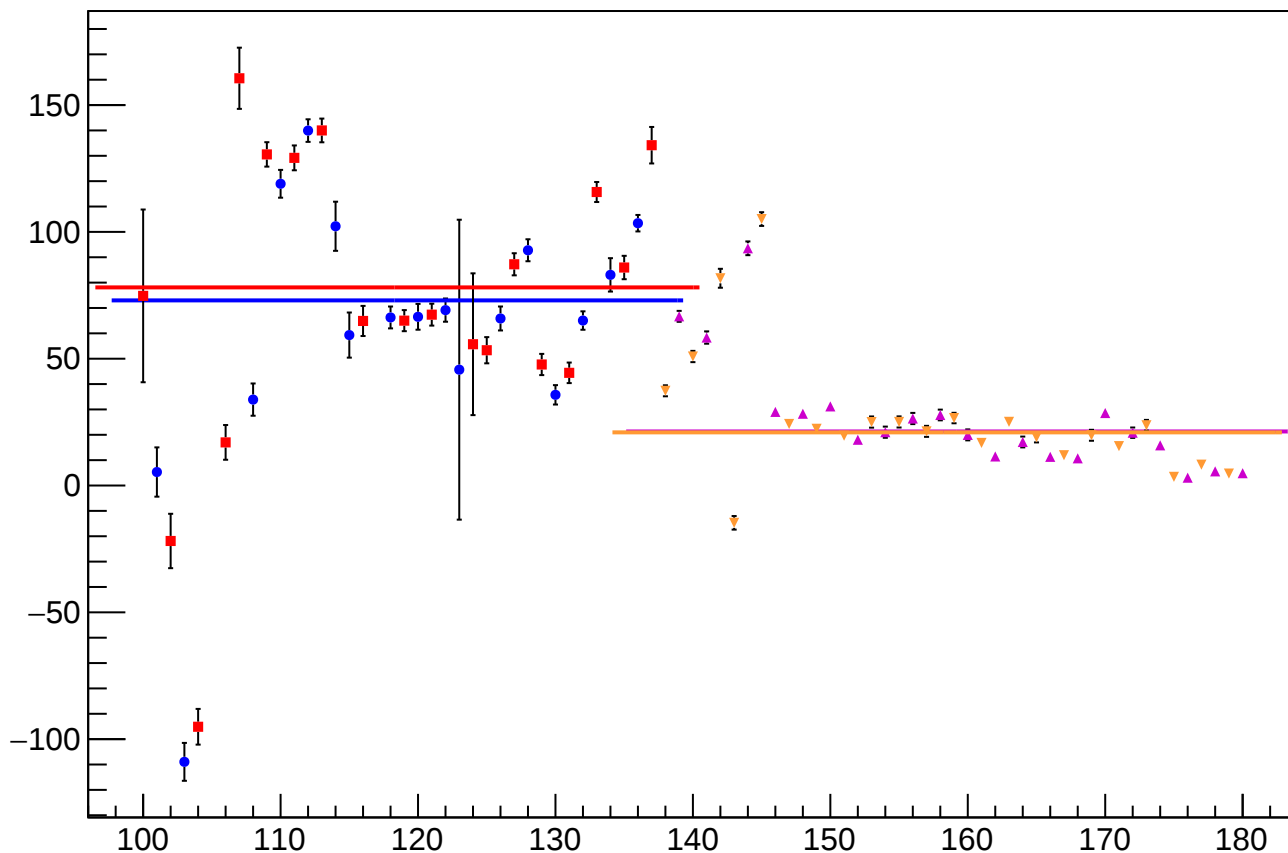
Right: 19.666 ± 0.455 χ^2/NDF : 988.3/35

In: 9.780 ± 0.289 χ^2/NDF : 1206.0/37

Out: 9.633 ± 0.286 χ^2/NDF : 1001.1/40

All: 9.706 ± 0.203 χ^2/NDF : 2207.2/78

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: 20.957 $\pm$ 0.424 χ^2 /NDF:2037.1/21

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 21.313 $\pm$ 0.414 χ^2 /NDF:1990.3/20

Left: 21.140 $\pm$ 0.296 χ^2 /NDF: 4027.7/42

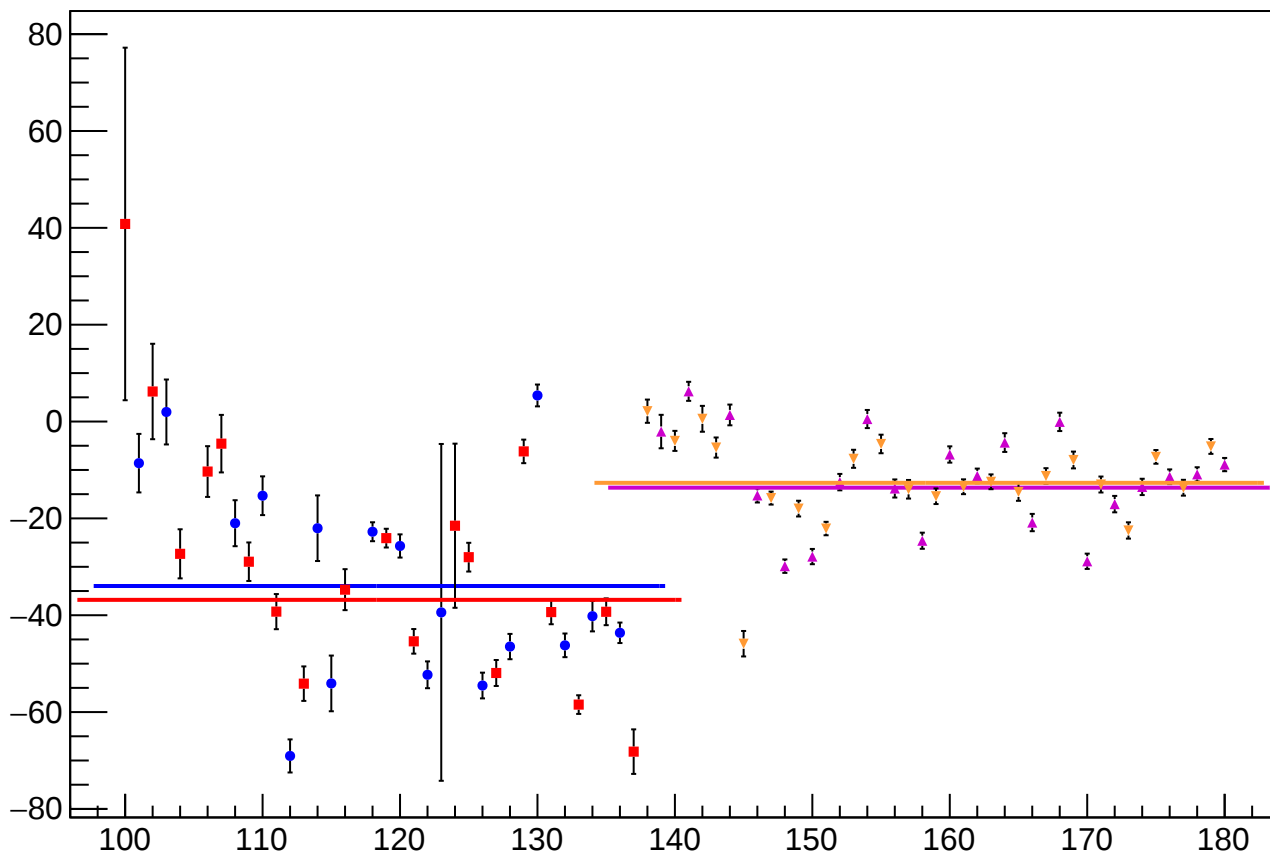
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 26.569 $\pm$ 0.392 χ^2 /NDF:4781.5/37

Out: 27.094 $\pm$ 0.401 χ^2 /NDF:5533.3/40

All: 26.826 $\pm$ 0.280 χ^2 /NDF: 10315.7/78

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -12.656 ± 0.366 χ^2/NDF : 424.7/21

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -13.656 ± 0.367 χ^2/NDF : 707.3/20

Left: -13.154 ± 0.259 χ^2/NDF : 1135.8/42

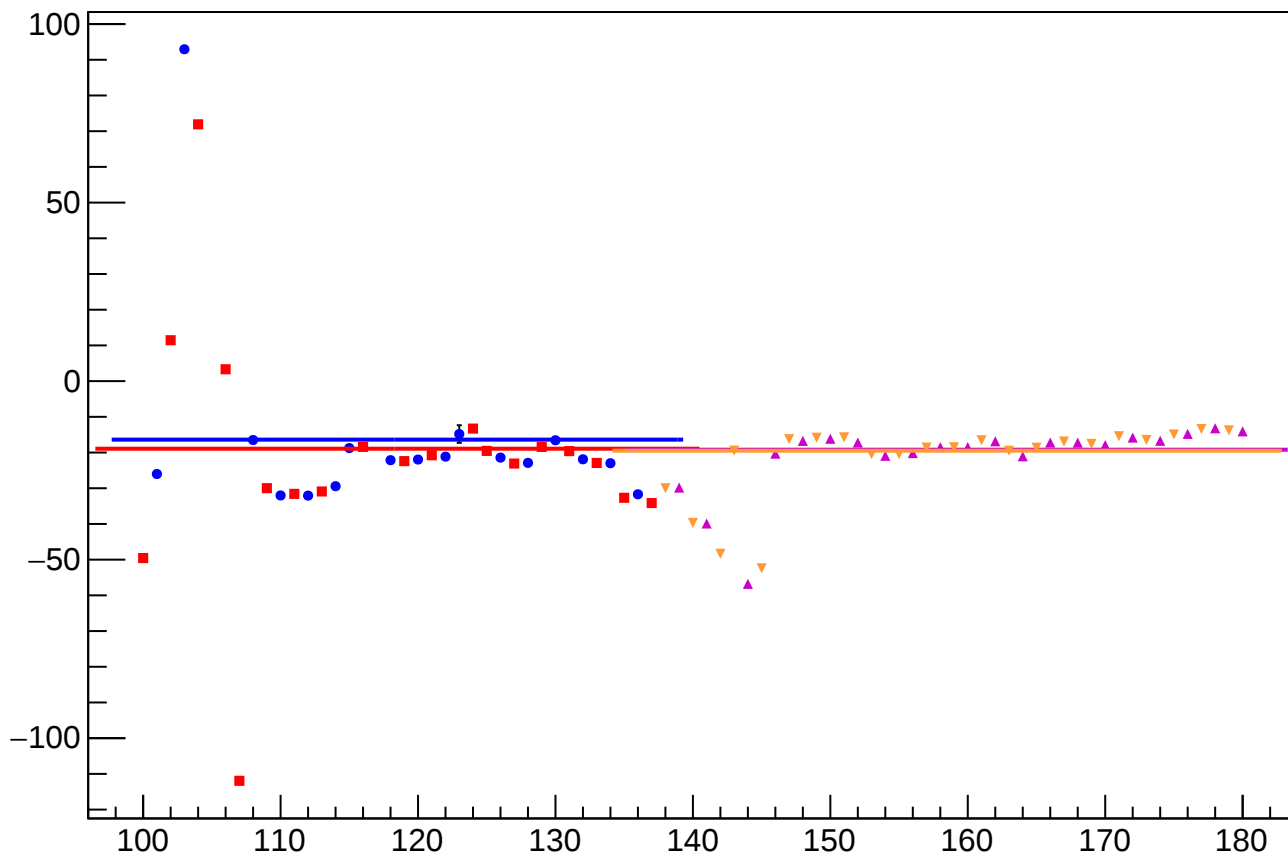
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -17.694 ± 0.329 χ^2/NDF : 2036.7/37

Out: -17.431 ± 0.327 χ^2/NDF : 1828.0/40

All: -17.562 ± 0.232 χ^2/NDF : 3865.0/78

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -19.479 ± 0.017 $\chi^2/\text{NDF}: 224416.7/21$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -19.210 ± 0.017 $\chi^2/\text{NDF}: 192601.6/20$

Left: -19.342 ± 0.012 $\chi^2/\text{NDF}: 417146.5/42$

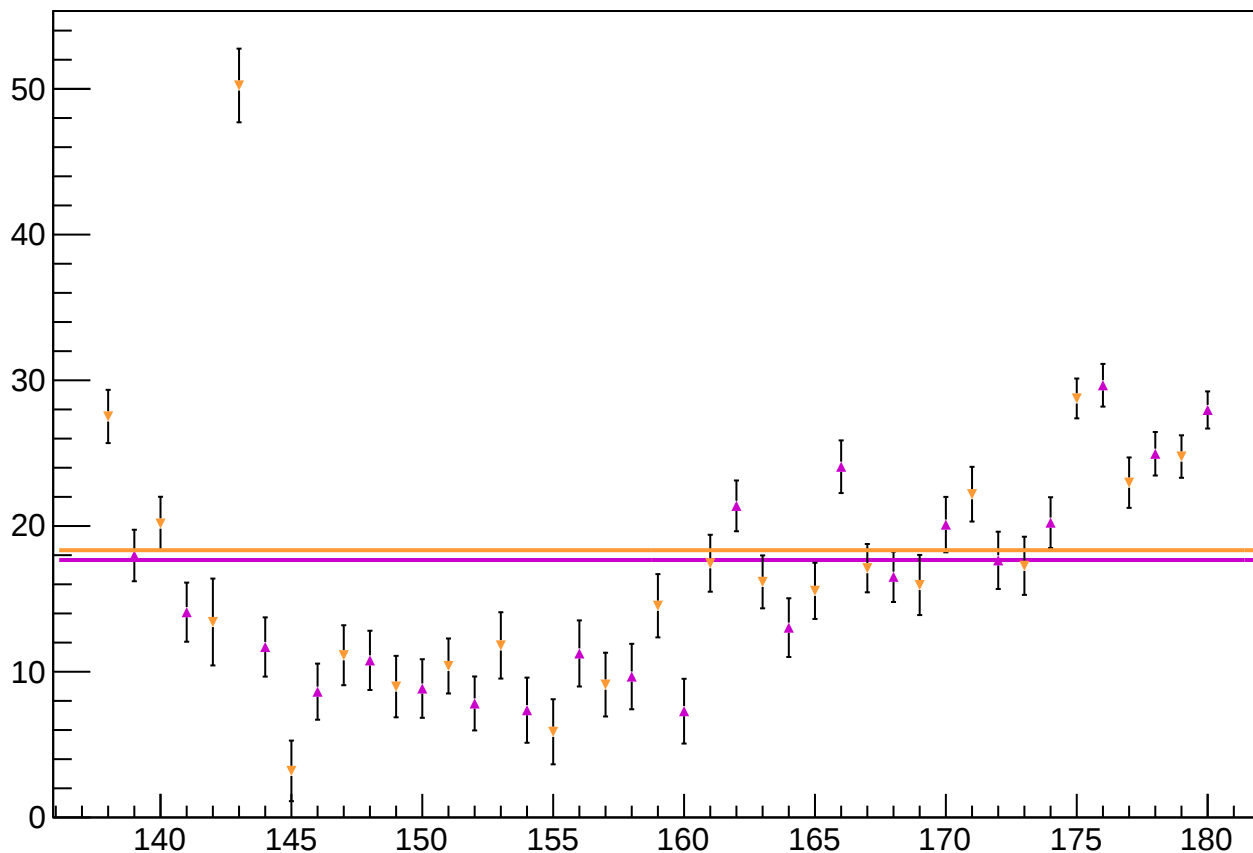
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -18.861 ± 0.016 $\chi^2/\text{NDF}: 670432.7/37$

Out: -19.411 ± 0.016 $\chi^2/\text{NDF}: 658694.2/40$

All: -19.132 ± 0.011 $\chi^2/\text{NDF}: 1329736.8/78$

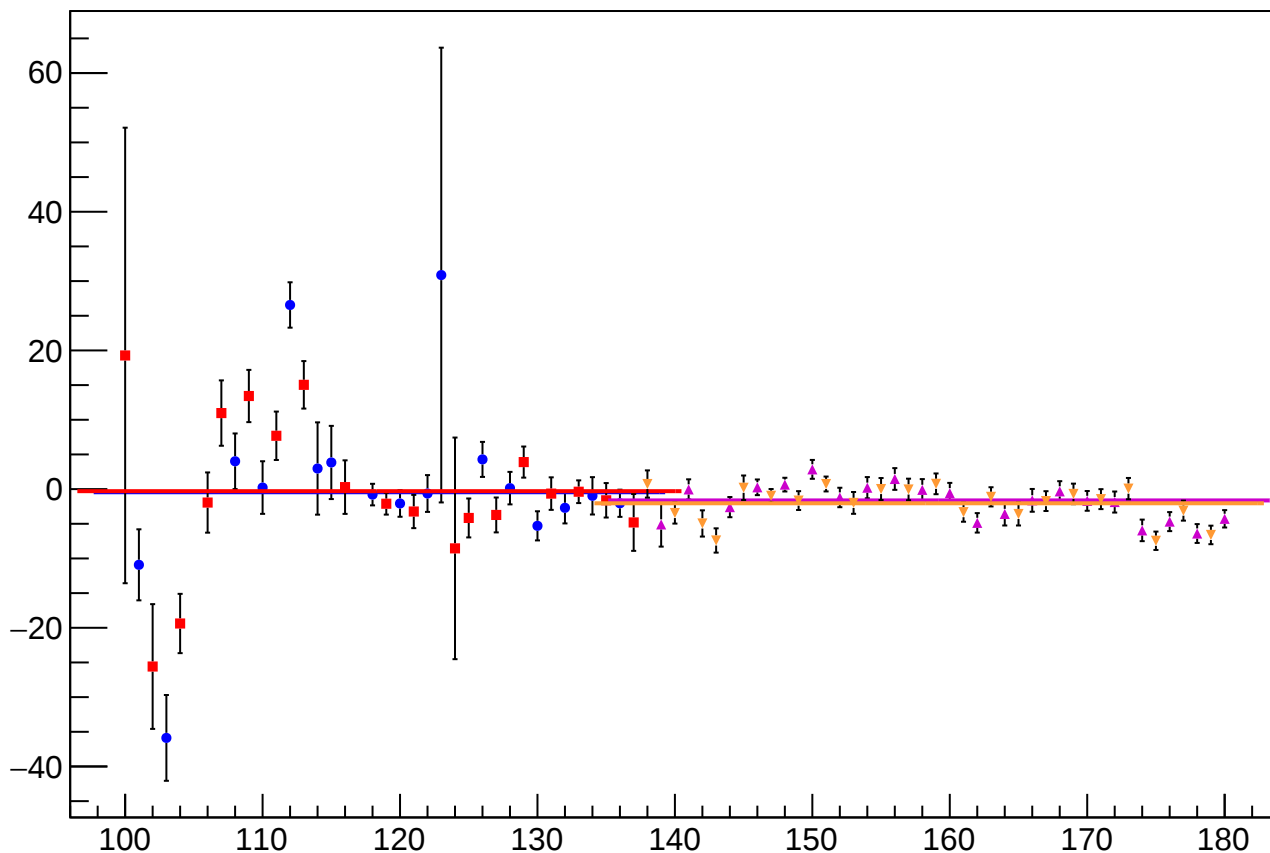
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 18.340 $\pm$ 0.410 χ^2 /NDF:445.9/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 17.667 $\pm$ 0.400 χ^2 /NDF:339.3/20

Left: 17.996 $\pm$ 0.286 χ^2 /NDF: 786.5/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 17.667 $\pm$ 0.400 χ^2 /NDF:339.3/20
 Out: 18.340 $\pm$ 0.410 χ^2 /NDF:445.9/21
 All: 17.996 $\pm$ 0.286 χ^2 /NDF: 786.5/42

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: -2.044 ± 0.307 χ^2/NDF : 65.0/21

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -1.631 ± 0.311 χ^2/NDF : 65.6/20

Left: -1.840 ± 0.218 χ^2/NDF : 131.6/42

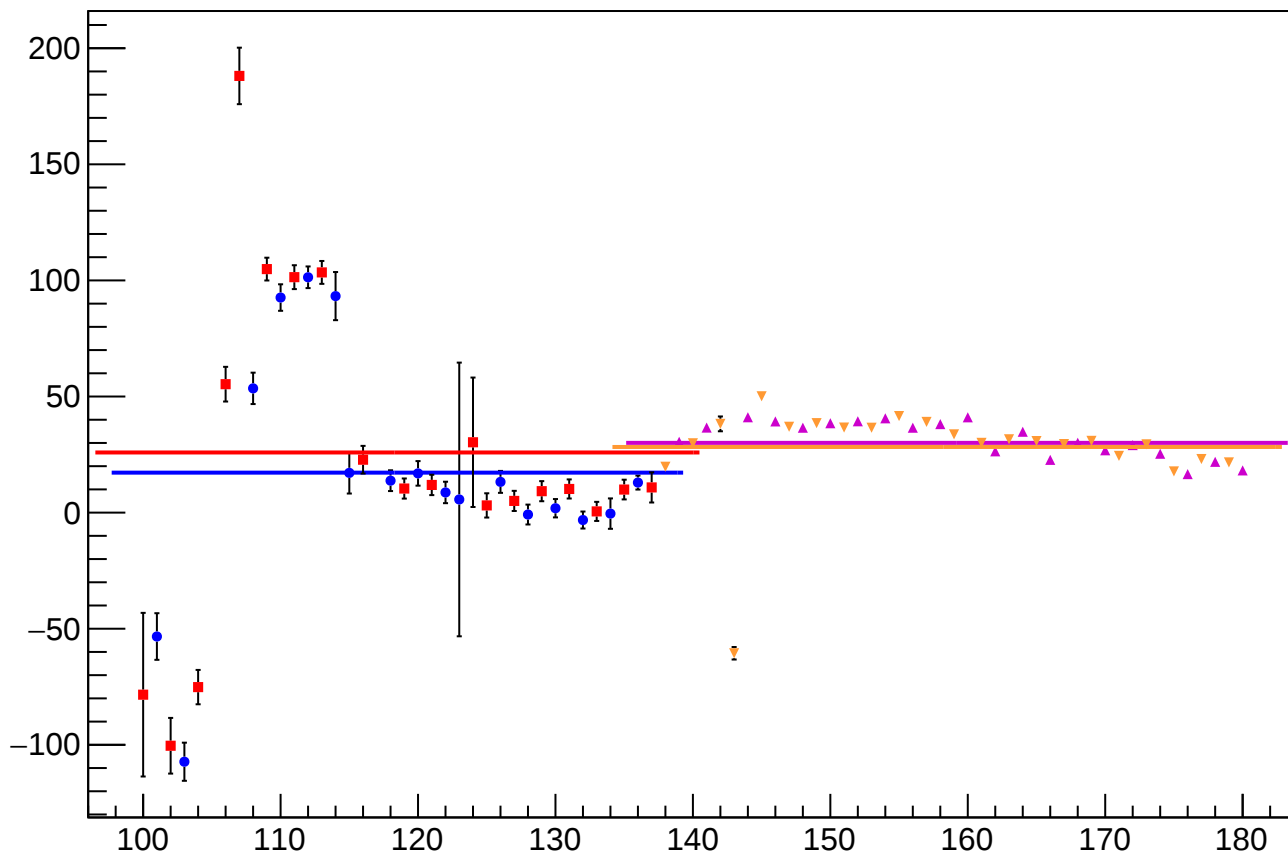
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -1.414 ± 0.281 χ^2/NDF : 187.8/37

Out: -1.731 ± 0.278 χ^2/NDF : 155.3/40

All: -1.574 ± 0.198 χ^2/NDF : 343.8/78

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 28.271 ± 0.406 $\chi^2/\text{NDF}: 1478.6/21$

Right Out: 25.902 ± 1.243 $\chi^2/\text{NDF}: 1374.8/18$

Left In: 30.041 ± 0.396 $\chi^2/\text{NDF}: 438.4/20$

Left: 29.178 ± 0.283 $\chi^2/\text{NDF}: 1926.7/42$

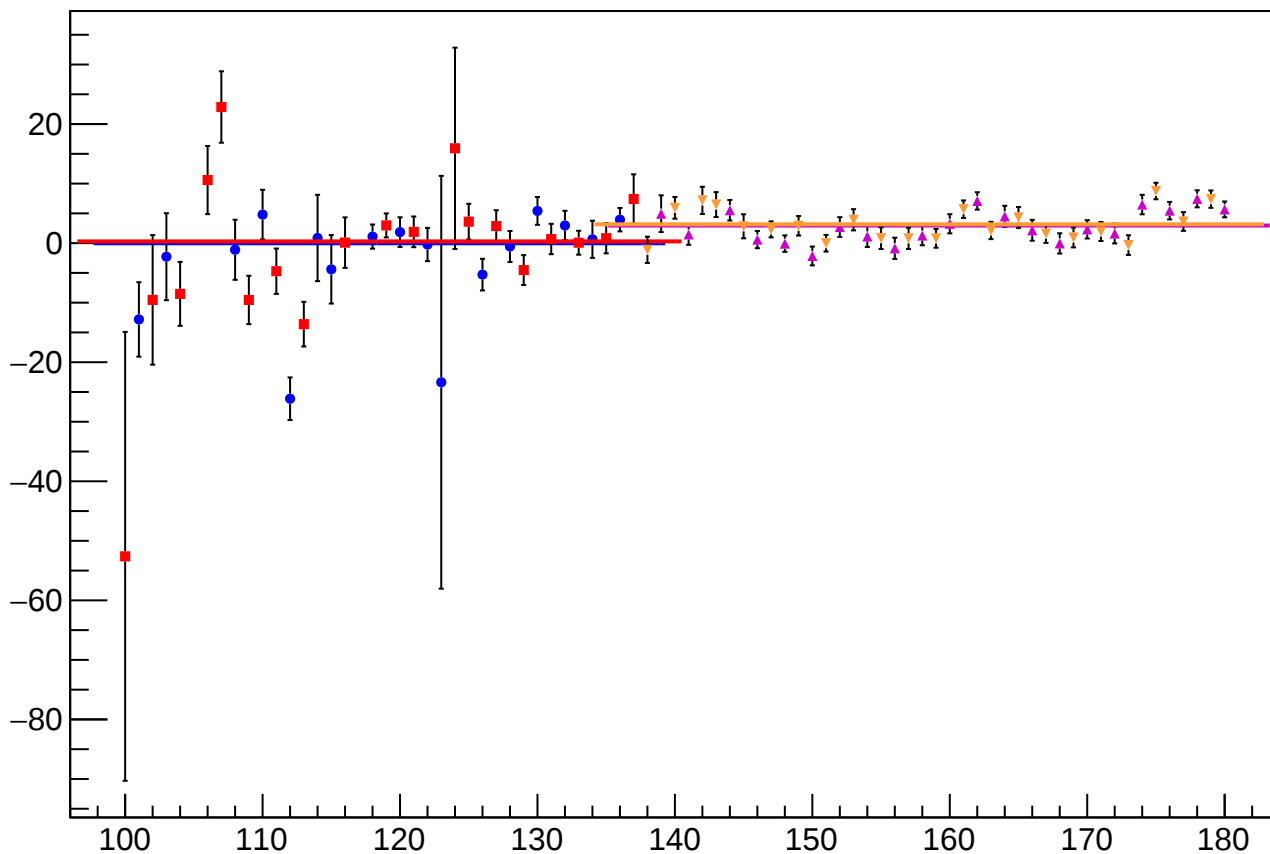
Right: 21.552 ± 0.878 $\chi^2/\text{NDF}: 2339.3/35$

In: 28.858 ± 0.377 $\chi^2/\text{NDF}: 1475.4/37$

Out: 28.043 ± 0.386 $\chi^2/\text{NDF}: 2856.6/40$

All: 28.460 ± 0.270 $\chi^2/\text{NDF}: 4334.3/78$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 3.162 ± 0.351 χ^2/NDF : 59.6/21

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.956 ± 0.352 χ^2/NDF : 62.6/20

Left: 3.059 ± 0.249 χ^2/NDF : 122.3/42

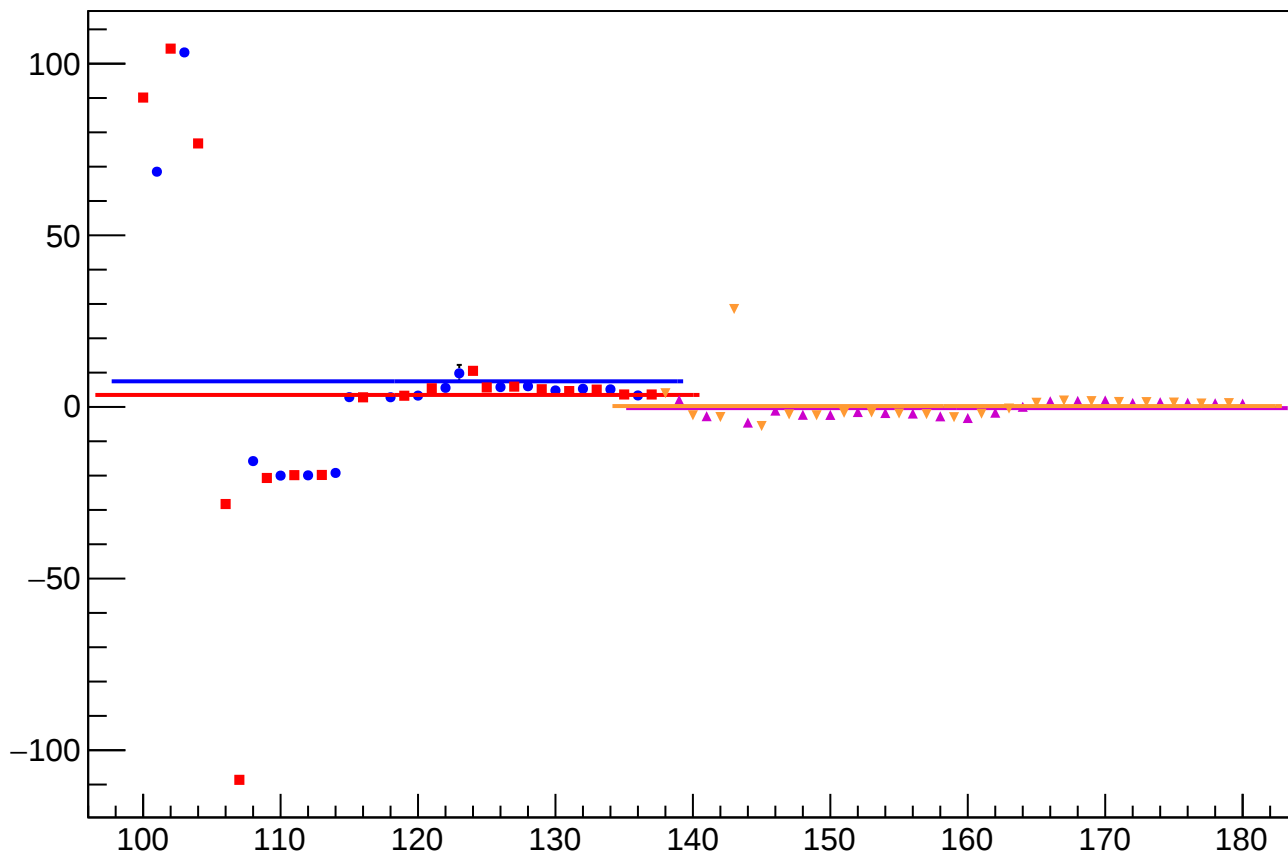
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 2.412 ± 0.318 χ^2/NDF : 151.5/37

Out: 2.646 ± 0.318 χ^2/NDF : 127.7/40

All: 2.529 ± 0.225 χ^2/NDF : 279.4/78

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 χ^2/NDF : 355890.1/16

Left Out: 0.259 ± 0.016 χ^2/NDF : 87110.5/21

Right Out: 3.500 ± 0.046 χ^2/NDF : 510577.2/18

Left In: -0.342 ± 0.016 χ^2/NDF : 14496.6/20

Left: -0.046 ± 0.011 χ^2/NDF : 102309.6/42

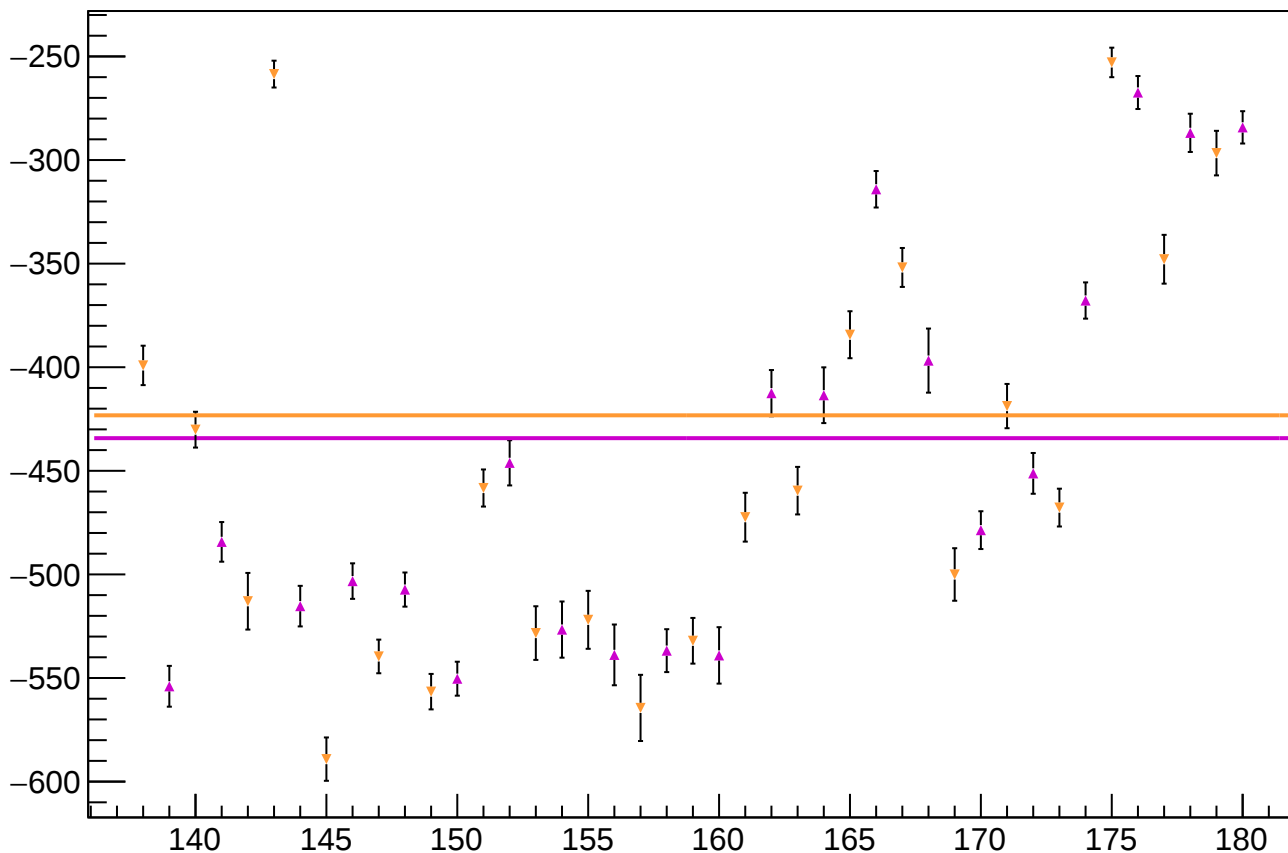
Right: 5.531 ± 0.032 χ^2/NDF : 870350.4/35

In: 0.544 ± 0.015 χ^2/NDF : 397724.2/37

Out: 0.621 ± 0.015 χ^2/NDF : 602183.4/40

All: 0.582 ± 0.011 χ^2/NDF : 999920.5/78

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -423.217+/-2.114 χ^2/NDF :2611.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -434.240+/-2.141 χ^2/NDF :2190.3/20

Left: -428.658+/-1.504 χ^2/NDF : 4815.5/42

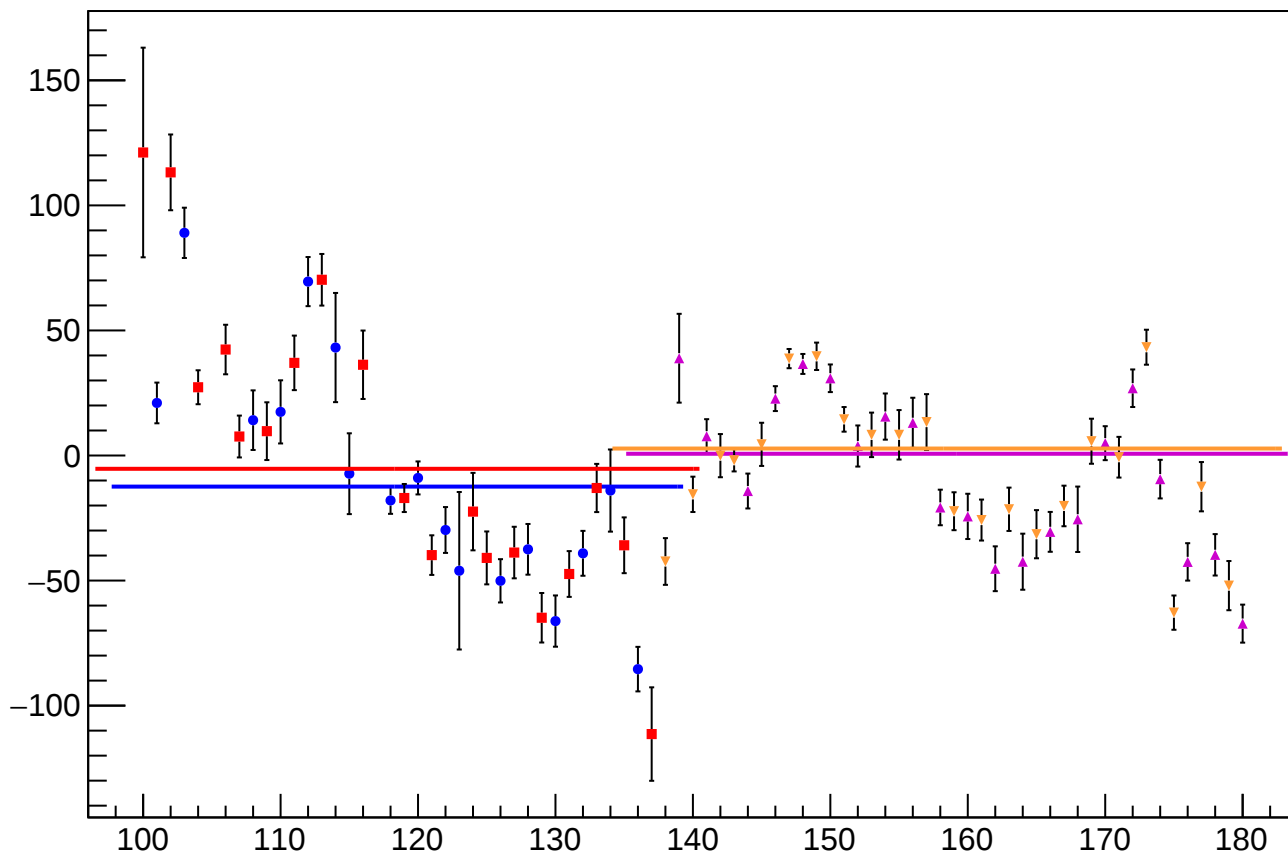
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -434.240+/-2.141 χ^2/NDF :2190.3/20

Out: -423.217+/-2.114 χ^2/NDF :2611.8/21

All: -428.658+/-1.504 χ^2/NDF : 4815.5/42

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: 2.787 ± 1.502 χ^2/NDF : 382.0/21

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 0.697 ± 1.586 χ^2/NDF : 373.7/20

Left: 1.798 ± 1.091 χ^2/NDF : 756.6/42

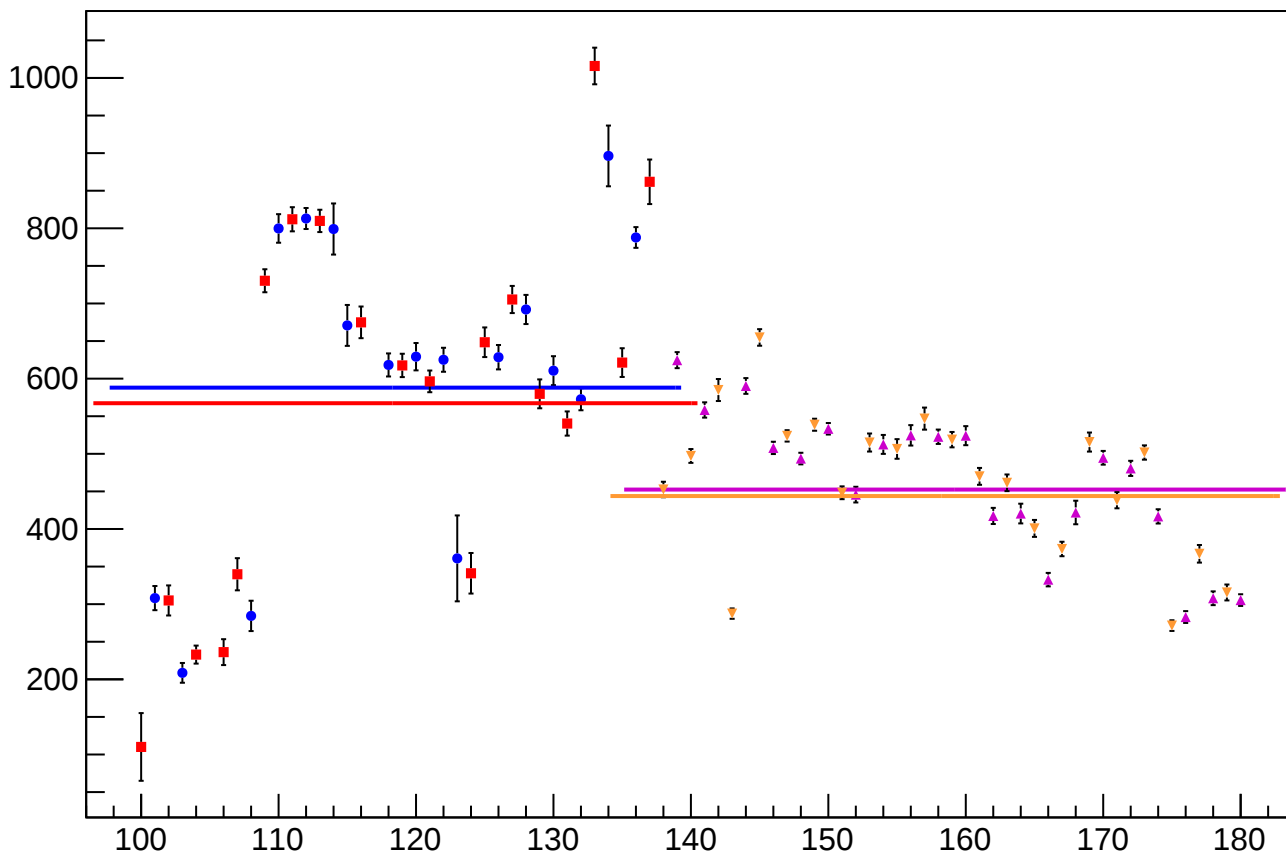
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: -3.495 ± 1.308 χ^2/NDF : 735.8/37

Out: 0.303 ± 1.251 χ^2/NDF : 733.7/40

All: -1.511 ± 0.904 χ^2/NDF : 1473.9/78

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 443.819 $\pm$ 2.106 χ^2 /NDF:2342.3/21

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 452.444 $\pm$ 2.118 χ^2 /NDF:2178.6/20

Left: 448.106 $\pm$ 1.493 χ^2 /NDF: 4529.3/42

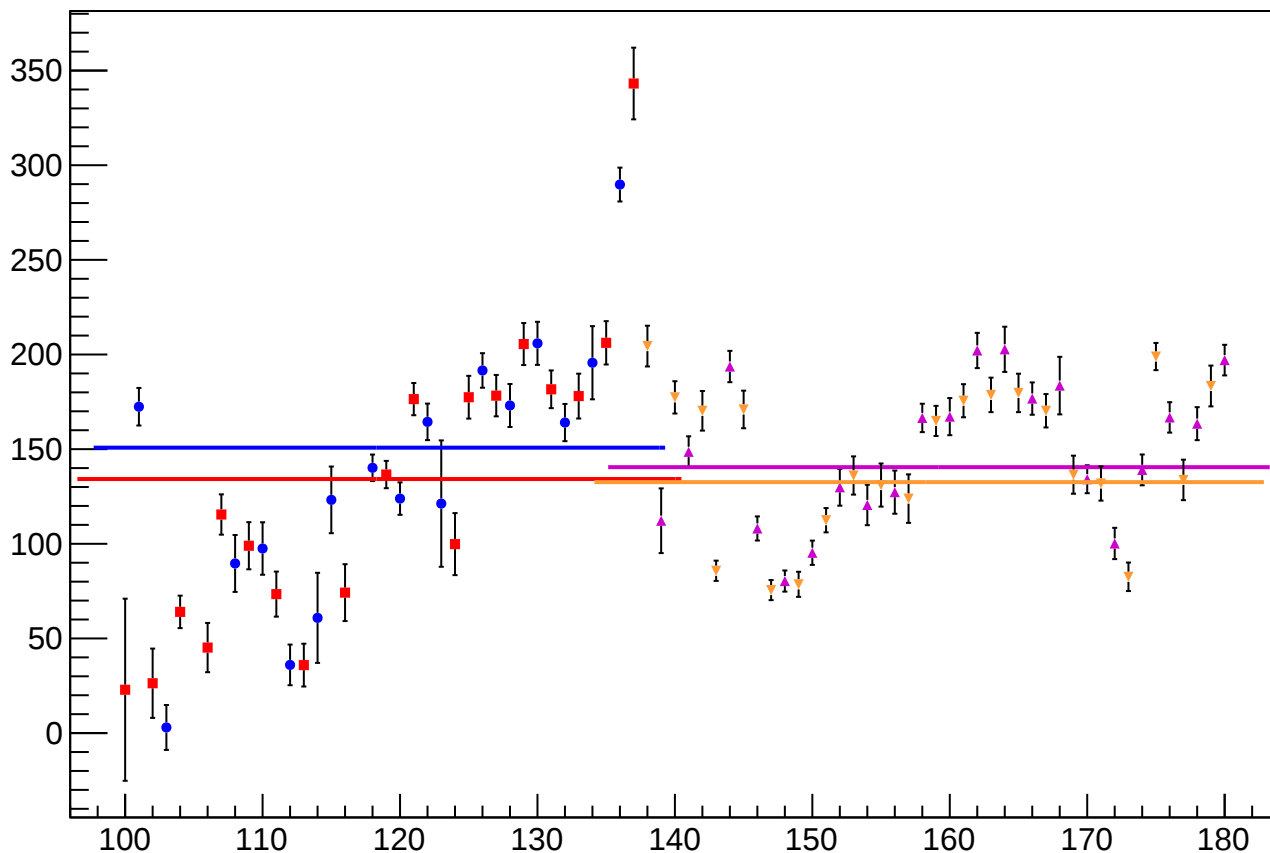
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 478.633 $\pm$ 1.902 χ^2 /NDF:5097.9/37

Out: 469.268 $\pm$ 1.876 χ^2 /NDF:5835.4/40

All: 473.886 $\pm$ 1.336 χ^2 /NDF: 10945.6/78

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: 132.585 $\pm$ 1.760 χ^2/NDF :626.9/21

Right Out: 134.219 $\pm$ 2.615 χ^2/NDF : 581.6/18

Left In: 140.486 $\pm$ 1.832 χ^2/NDF :450.4/20

Left: 136.377 $\pm$ 1.269 χ^2/NDF : 1087.0/42

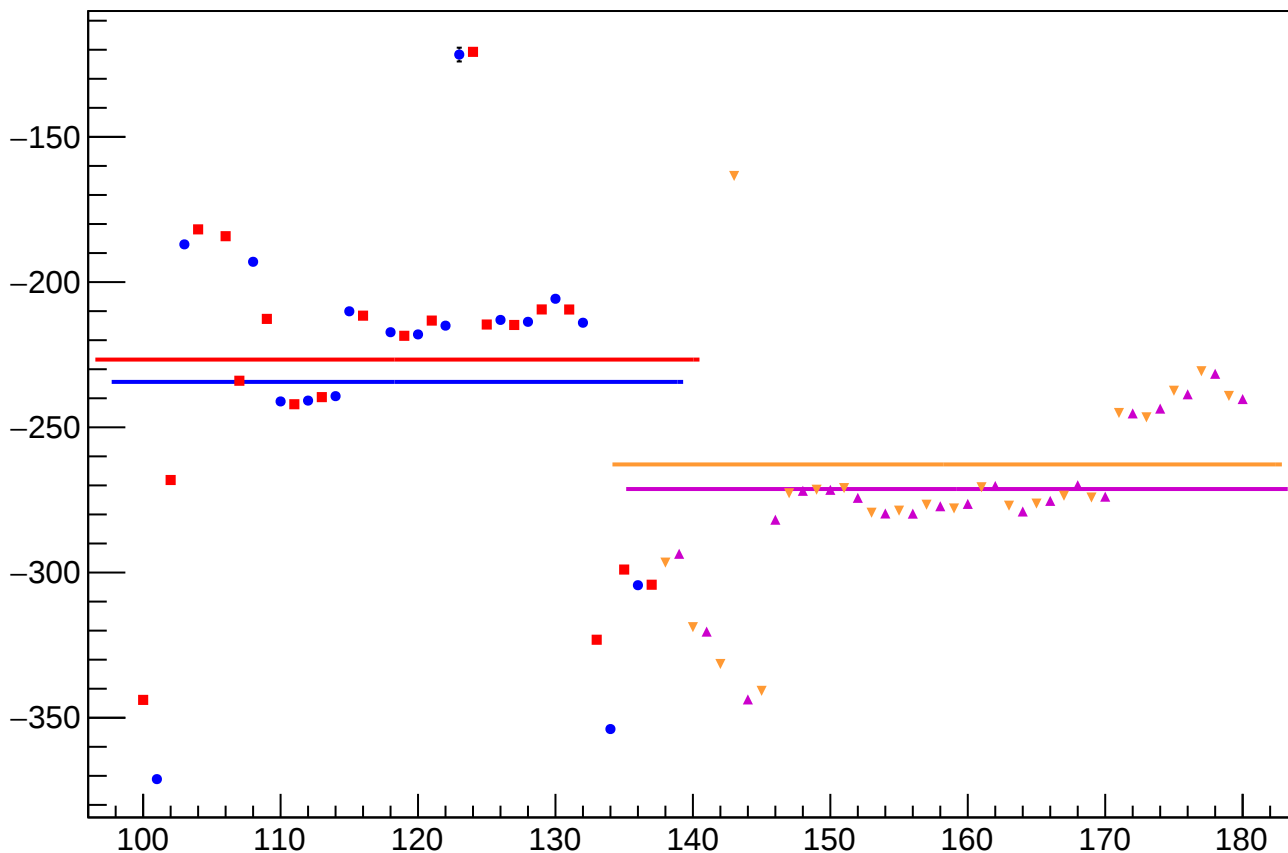
Right: 142.302 $\pm$ 1.872 χ^2/NDF : 1234.3/35

In: 143.768 $\pm$ 1.513 χ^2/NDF :1093.6/37

Out: 133.095 $\pm$ 1.460 χ^2/NDF :1208.8/40

All: 138.243 $\pm$ 1.051 χ^2/NDF : 2328.1/78

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: -262.777+/-0.085 χ^2/NDF : 227076.8/21

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -271.246+/-0.086 χ^2/NDF : 80048.3/20

Left: -266.976+/-0.061 χ^2/NDF : 312014.2/42

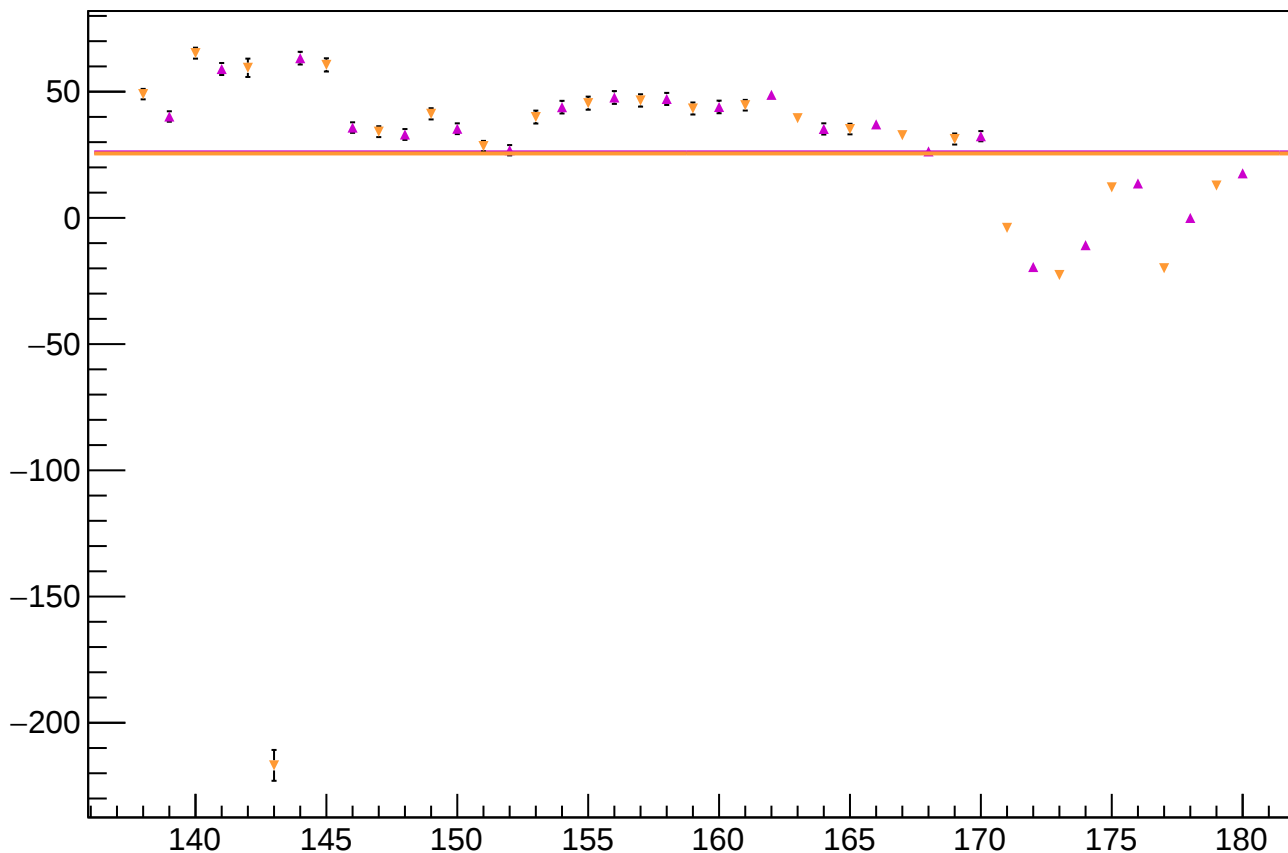
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -261.978+/-0.074 χ^2/NDF : 271416.8/37

Out: -253.131+/-0.073 χ^2/NDF : 374436.5/40

All: -257.470+/-0.052 χ^2/NDF : 653053.4/78

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 25.524 $\pm$ 0.447 χ^2 /NDF:4368.5/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 25.946 $\pm$ 0.426 χ^2 /NDF:2393.3/20

Left: 25.745 $\pm$ 0.308 χ^2 /NDF: 6762.3/42

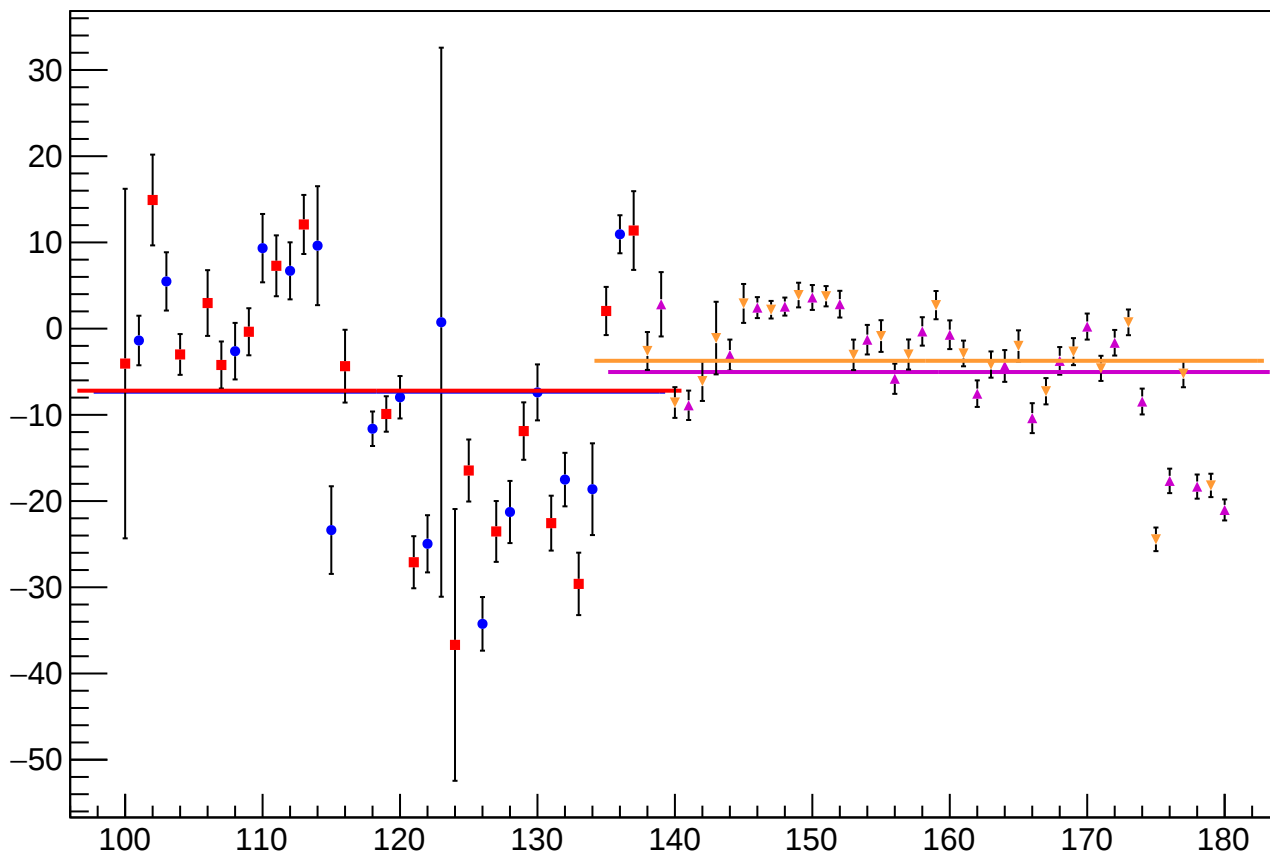
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 25.946 $\pm$ 0.426 χ^2 /NDF:2393.3/20

Out: 25.524 $\pm$ 0.447 χ^2 /NDF:4368.5/21

All: 25.745 $\pm$ 0.308 χ^2 /NDF: 6762.3/42

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: -3.731 ± 0.336 χ^2/NDF : 498.5/21

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -5.033 ± 0.332 χ^2/NDF : 559.3/20

Left: -4.388 ± 0.236 χ^2/NDF : 1065.5/42

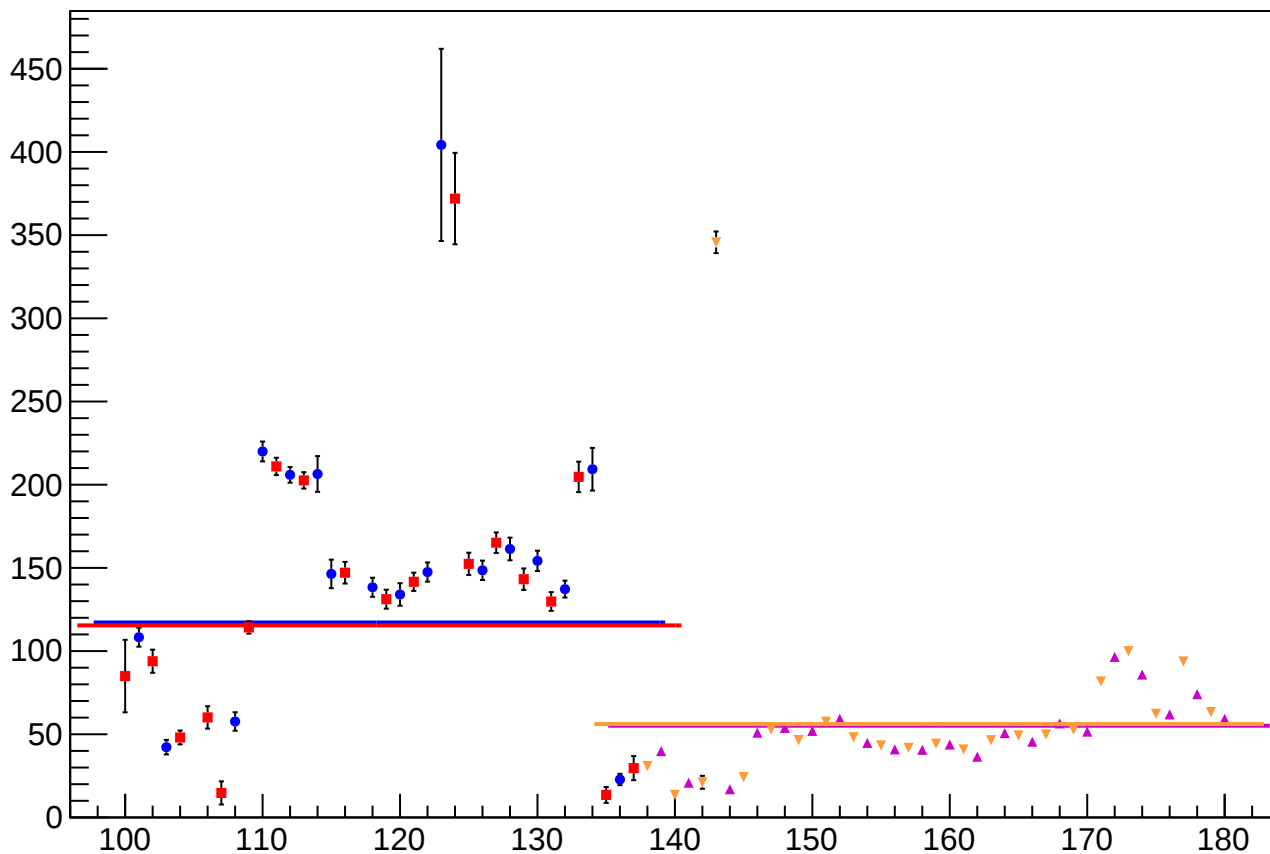
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -5.383 ± 0.306 χ^2/NDF : 845.6/37

Out: -4.295 ± 0.307 χ^2/NDF : 768.0/40

All: -4.841 ± 0.217 χ^2/NDF : 1619.9/78

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: 56.131+/-0.442 χ^2/NDF : 3989.8/21

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 55.138+/-0.422 χ^2/NDF : 1608.1/20

Left: 55.612+/-0.305 χ^2/NDF : 5600.5/42

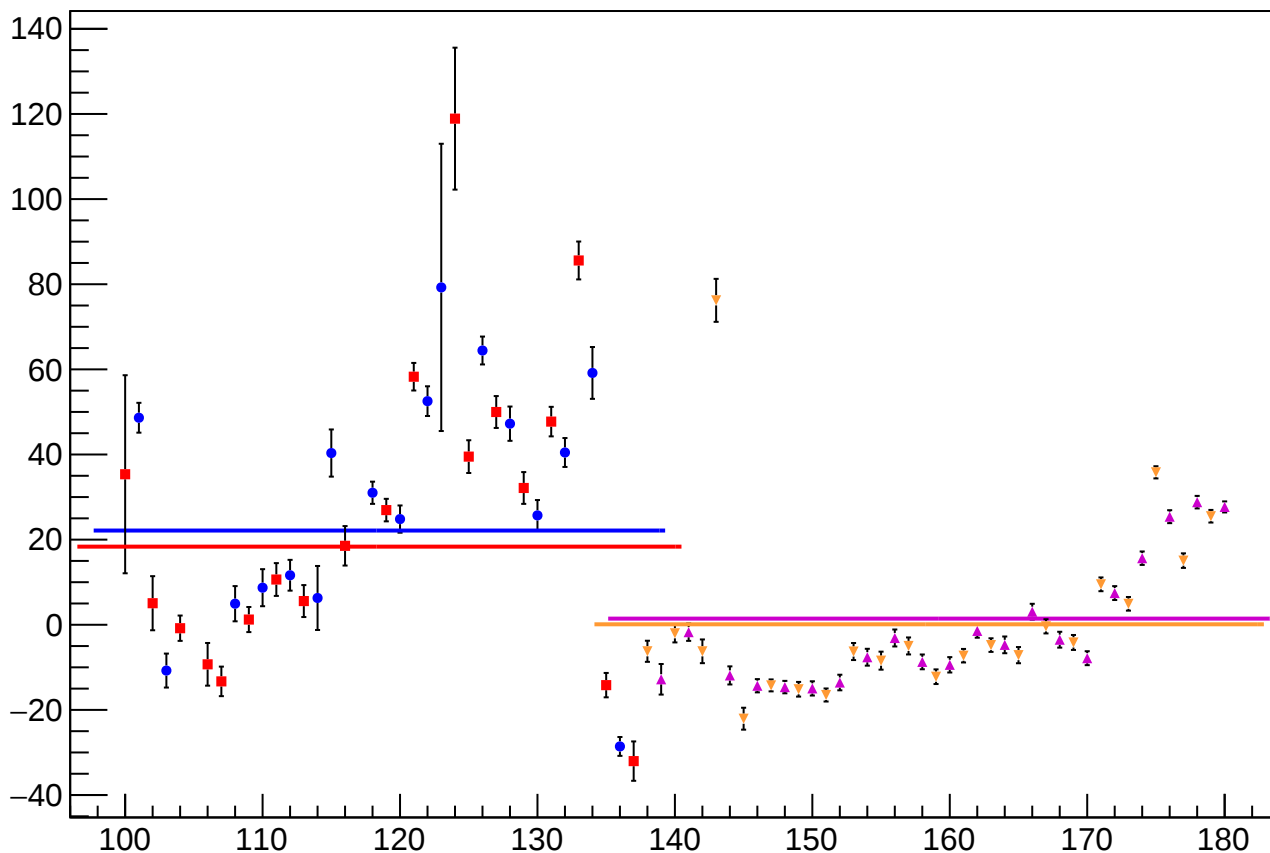
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 60.221+/-0.404 χ^2/NDF : 5541.5/37

Out: 61.788+/-0.420 χ^2/NDF : 7859.9/40

All: 60.974+/-0.291 χ^2/NDF : 13408.6/78

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: 0.108 $\pm$ 0.383 χ^2 /NDF:1781.8/21

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: 1.444 $\pm$ 0.376 χ^2 /NDF:1689.2/20

Left: 0.788 $\pm$ 0.268 χ^2 /NDF: 3477.2/42

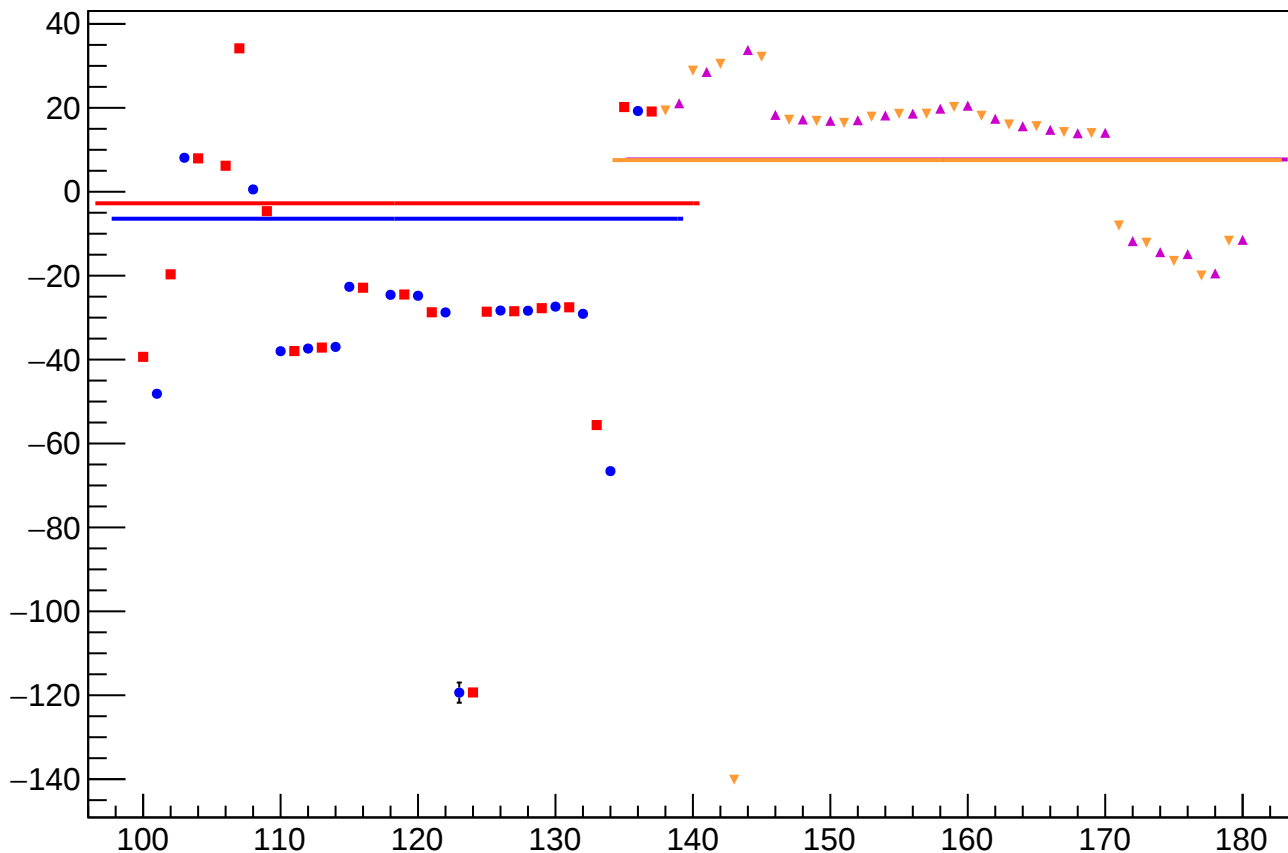
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 4.568 $\pm$ 0.346 χ^2 /NDF:3211.0/37

Out: 3.057 $\pm$ 0.350 χ^2 /NDF:3220.3/40

All: 3.822 $\pm$ 0.246 χ^2 /NDF: 6440.7/78

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 7.544 ± 0.018 $\chi^2/\text{NDF}: 1093607.6/21$

Right Out: -2.752 ± 0.046 $\chi^2/\text{NDF}: 266290.0/18$

Left In: 7.696 ± 0.017 $\chi^2/\text{NDF}: 846329.4/20$

Left: 7.623 ± 0.012 $\chi^2/\text{NDF}: 1939975.3/42$

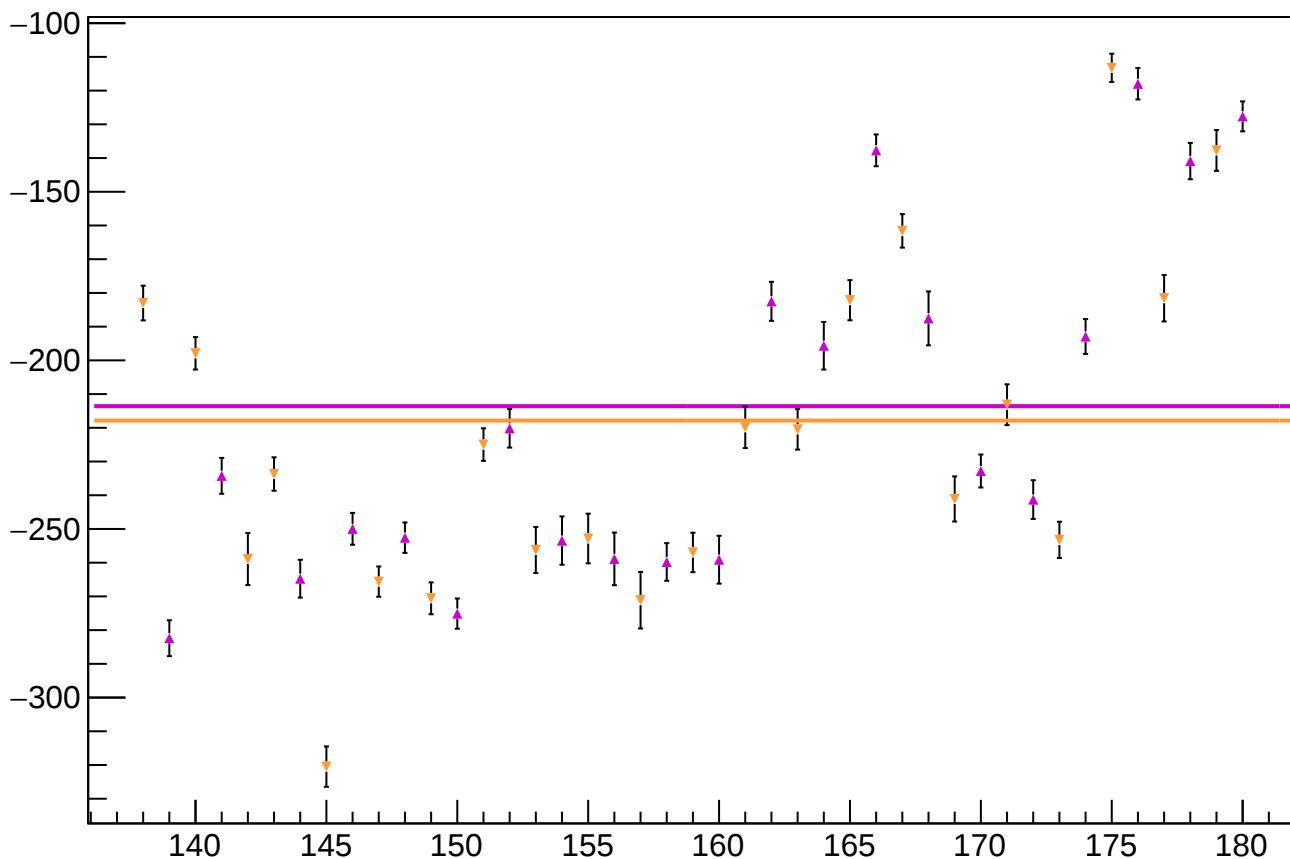
Right: -4.569 ± 0.032 $\chi^2/\text{NDF}: 534660.8/35$

In: 6.003 ± 0.016 $\chi^2/\text{NDF}: 1193711.8/37$

Out: 6.206 ± 0.016 $\chi^2/\text{NDF}: 1404103.6/40$

All: 6.102 ± 0.011 $\chi^2/\text{NDF}: 2597894.0/78$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -217.848+/-1.196 χ^2/NDF :1815.5/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -213.576+/-1.182 χ^2/NDF :2101.5/20

Left: -215.686+/-0.841 χ^2/NDF : 3923.5/42

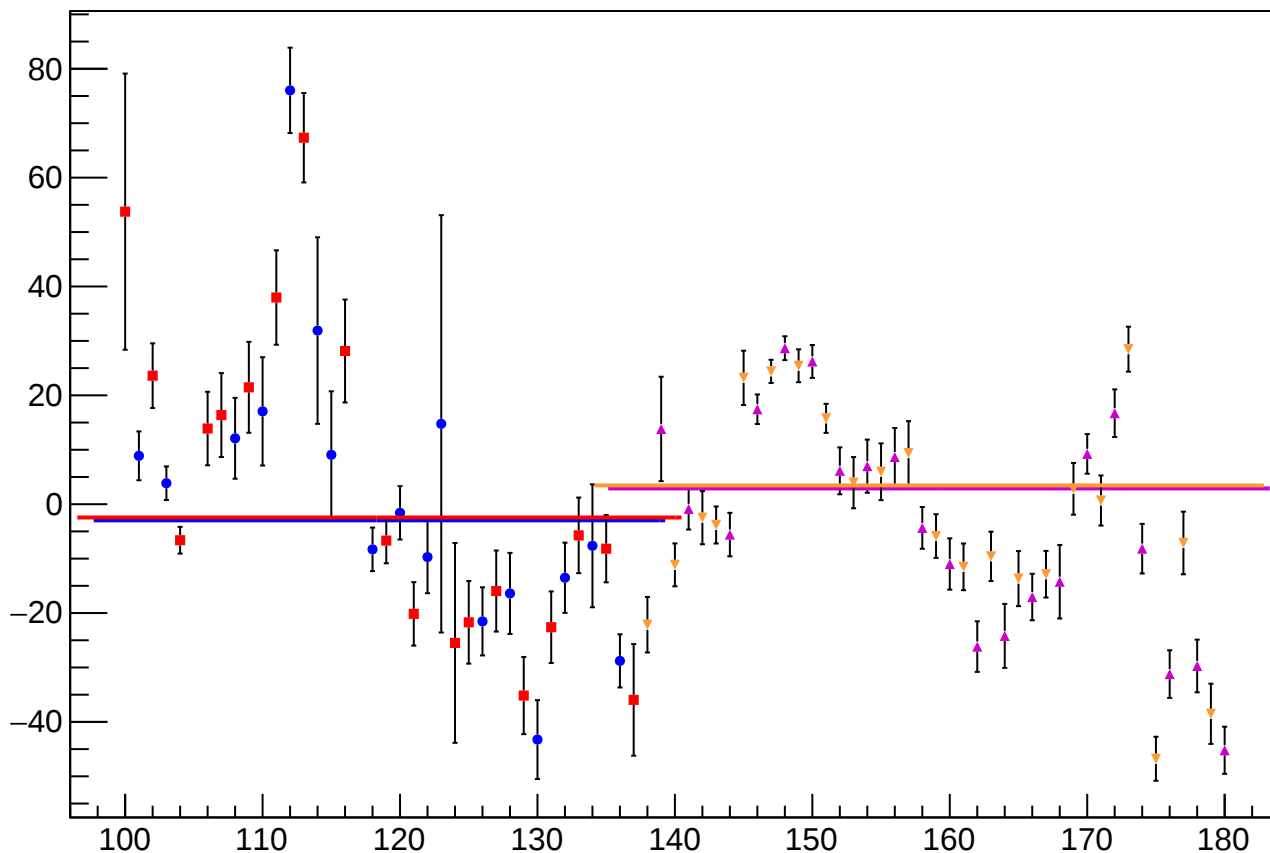
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -213.576+/-1.182 χ^2/NDF :2101.5/20

Out: -217.848+/-1.196 χ^2/NDF :1815.5/21

All: -215.686+/-0.841 χ^2/NDF : 3923.5/42

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: 3.453±0.850 χ^2/NDF :536.9/21

Right Out: -2.445±1.397 χ^2/NDF : 215.4/18

Left In: 2.895±0.871 χ^2/NDF :585.8/20

Left: 3.181±0.608 χ^2/NDF : 1122.9/42

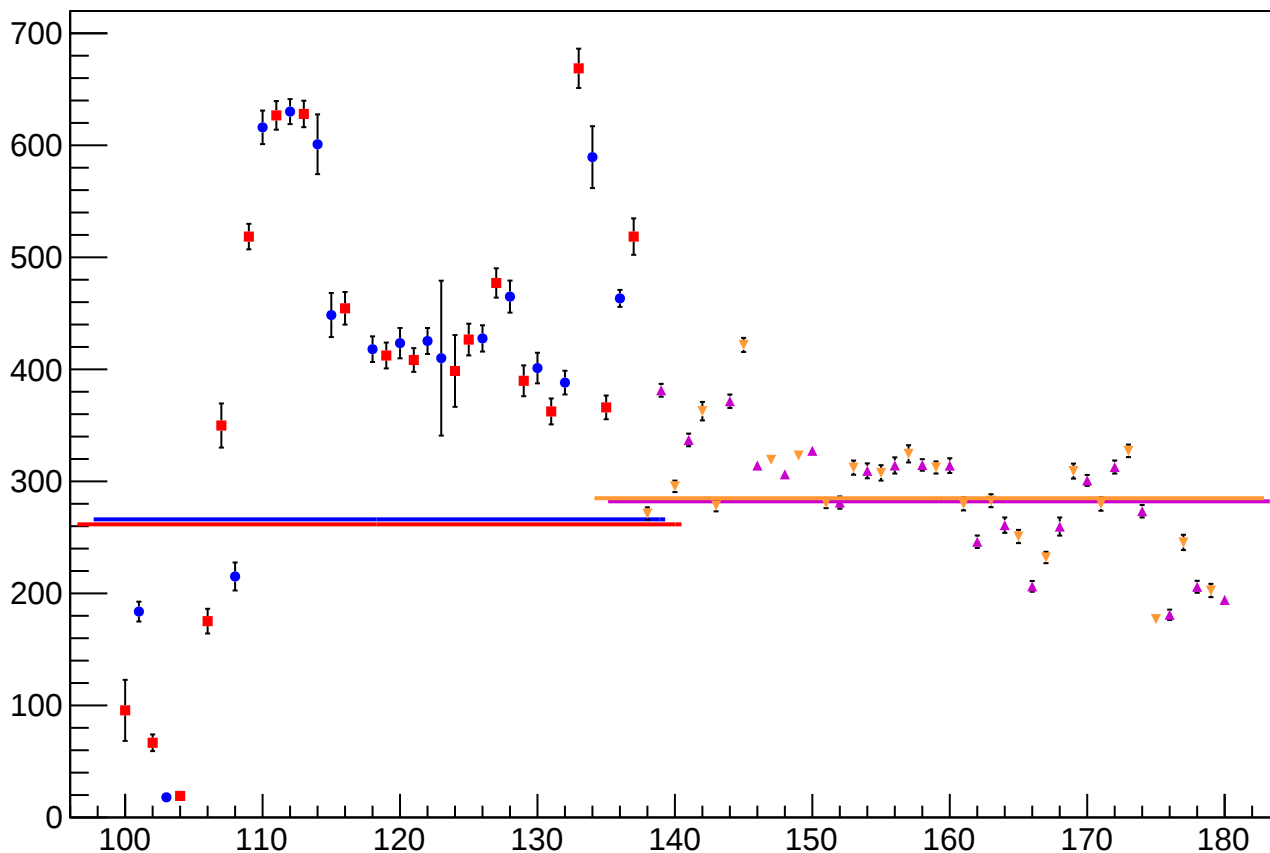
Right: -2.694±1.007 χ^2/NDF : 419.0/35

In: 1.344±0.747 χ^2/NDF :801.3/37

Out: 1.860±0.726 χ^2/NDF :765.3/40

All: 1.610±0.521 χ^2/NDF : 1566.8/78

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 284.972 $\pm$ 1.186 χ^2 /NDF:1895.6/21

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 282.196 $\pm$ 1.167 χ^2 /NDF:2346.4/20

Left: 283.562 $\pm$ 0.832 χ^2 /NDF: 4244.8/42

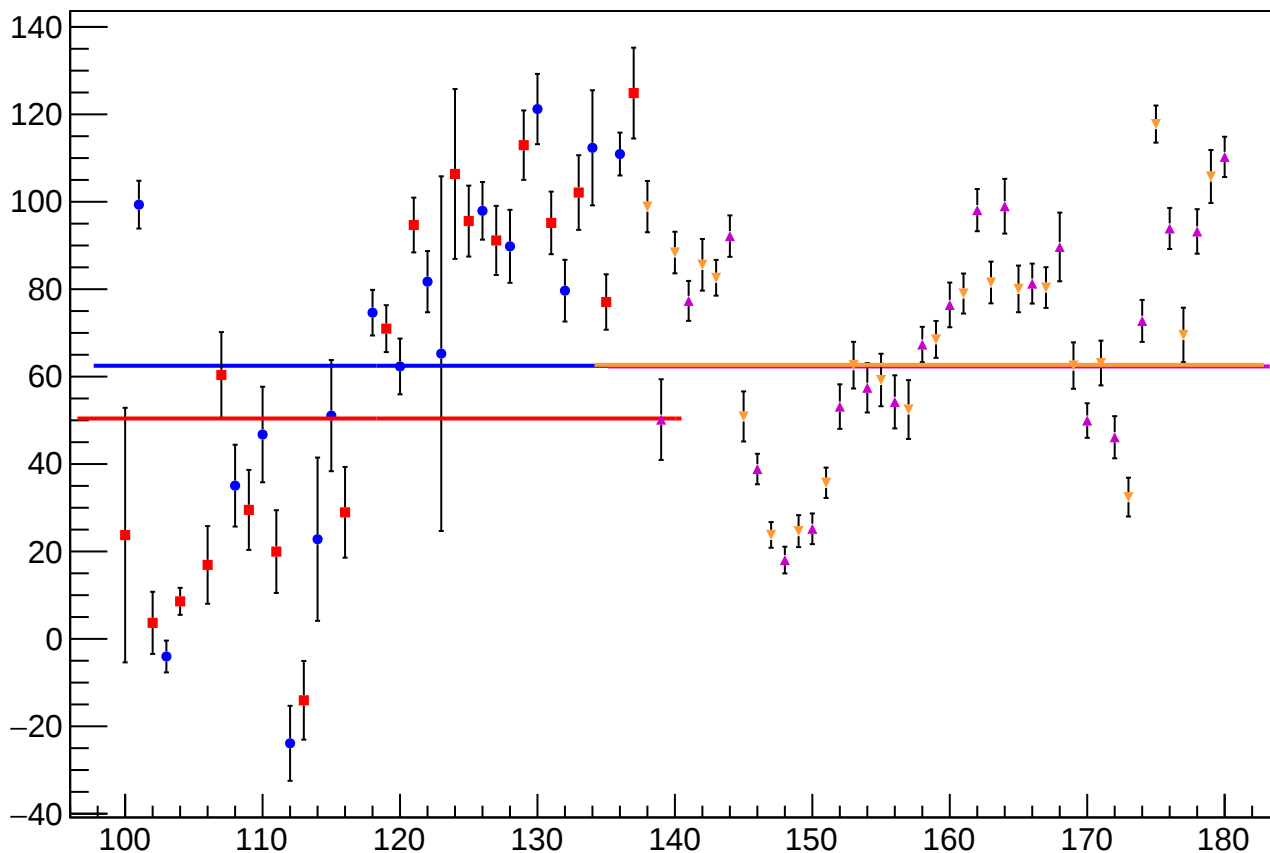
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 279.282 $\pm$ 1.056 χ^2 /NDF:10024.8/37

Out: 280.565 $\pm$ 1.068 χ^2 /NDF:10178.2/40

All: 279.916 $\pm$ 0.751 χ^2 /NDF: 20203.8/78

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: 62.692 $\pm$ 0.994 χ^2 /NDF: 778.5/21

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 62.328 $\pm$ 1.008 χ^2 /NDF: 768.5/20

Left: 62.513 $\pm$ 0.708 χ^2 /NDF: 1547.1/42

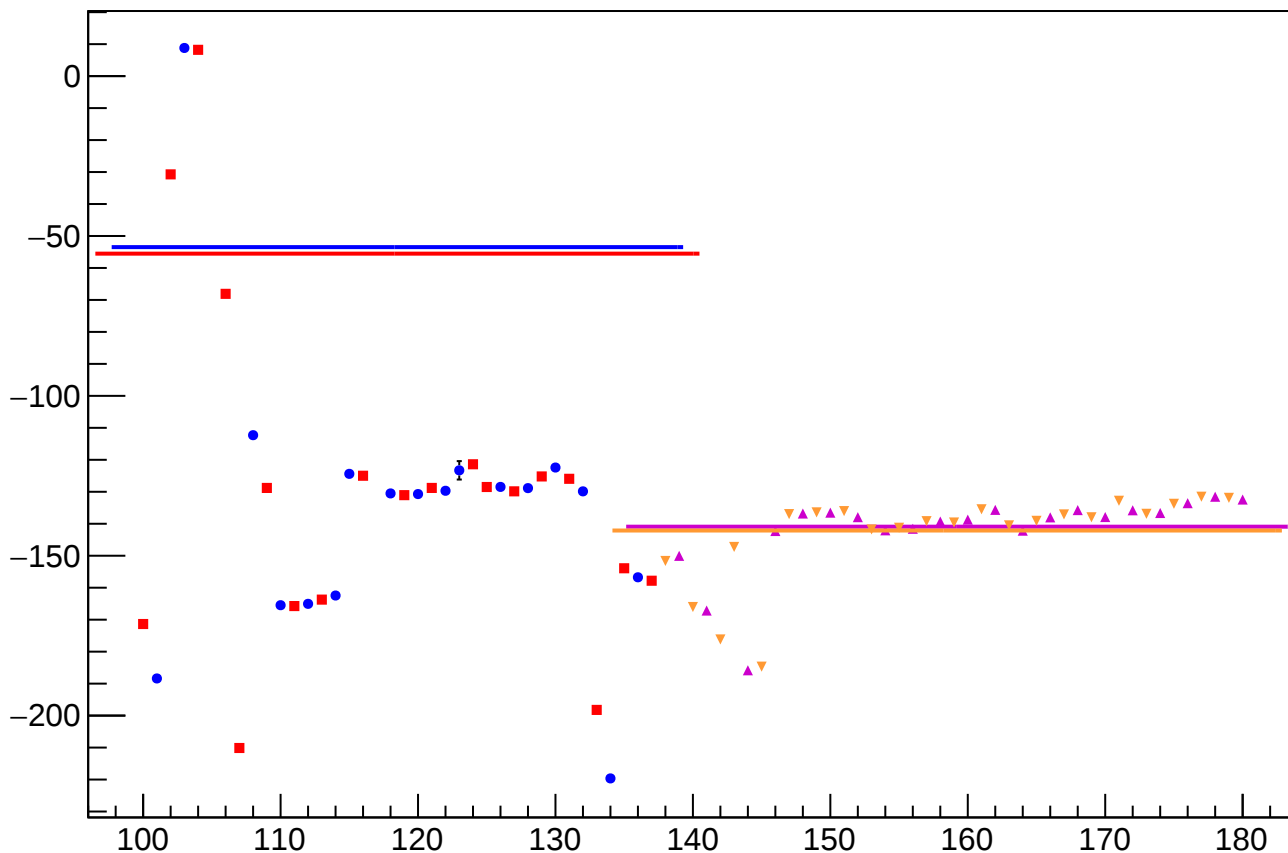
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 62.369 $\pm$ 0.864 χ^2 /NDF: 1489.3/37

Out: 59.401 $\pm$ 0.850 χ^2 /NDF: 1470.9/40

All: 60.861 $\pm$ 0.606 χ^2 /NDF: 2966.1/78

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -142.115+/-0.048 χ^2/NDF : 65580.6/21

Right Out: -55.523+/-0.072 χ^2/NDF : 969818.3/18

Left In: -140.915+/-0.047 χ^2/NDF : 52385.2/20

Left: -141.507+/-0.034 χ^2/NDF : 118284.0/42

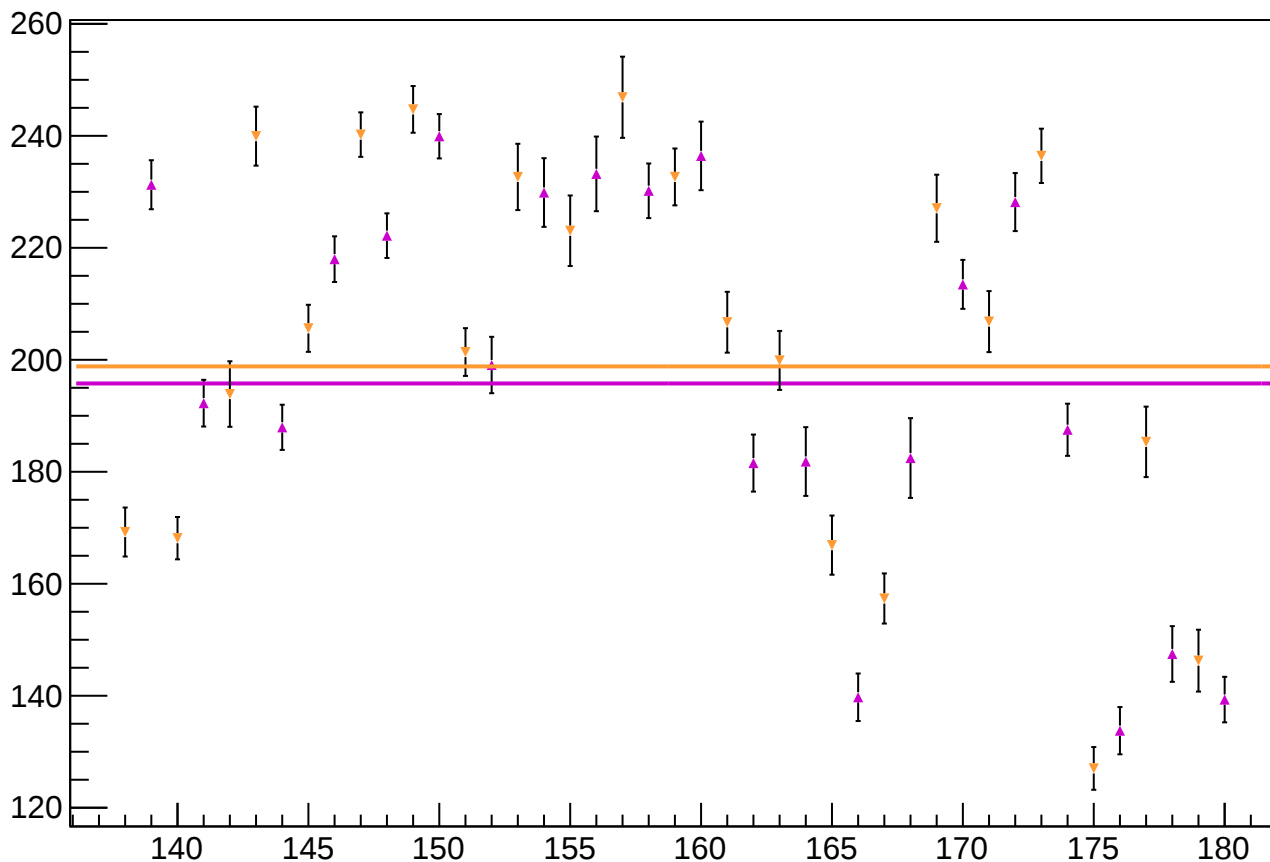
Right: -54.479+/-0.050 χ^2/NDF : 2198961.2/35

In: -113.738+/-0.039 χ^2/NDF : 2346882.0/37

Out: -115.510+/-0.040 χ^2/NDF : 2040397.0/40

All: -114.609+/-0.028 χ^2/NDF : 4388283.8/78

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 198.821+/-1.044 χ^2/NDF :1199.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 195.775+/-1.027 χ^2/NDF :1177.7/20

Left: 197.273+/-0.732 χ^2/NDF : 2381.2/42

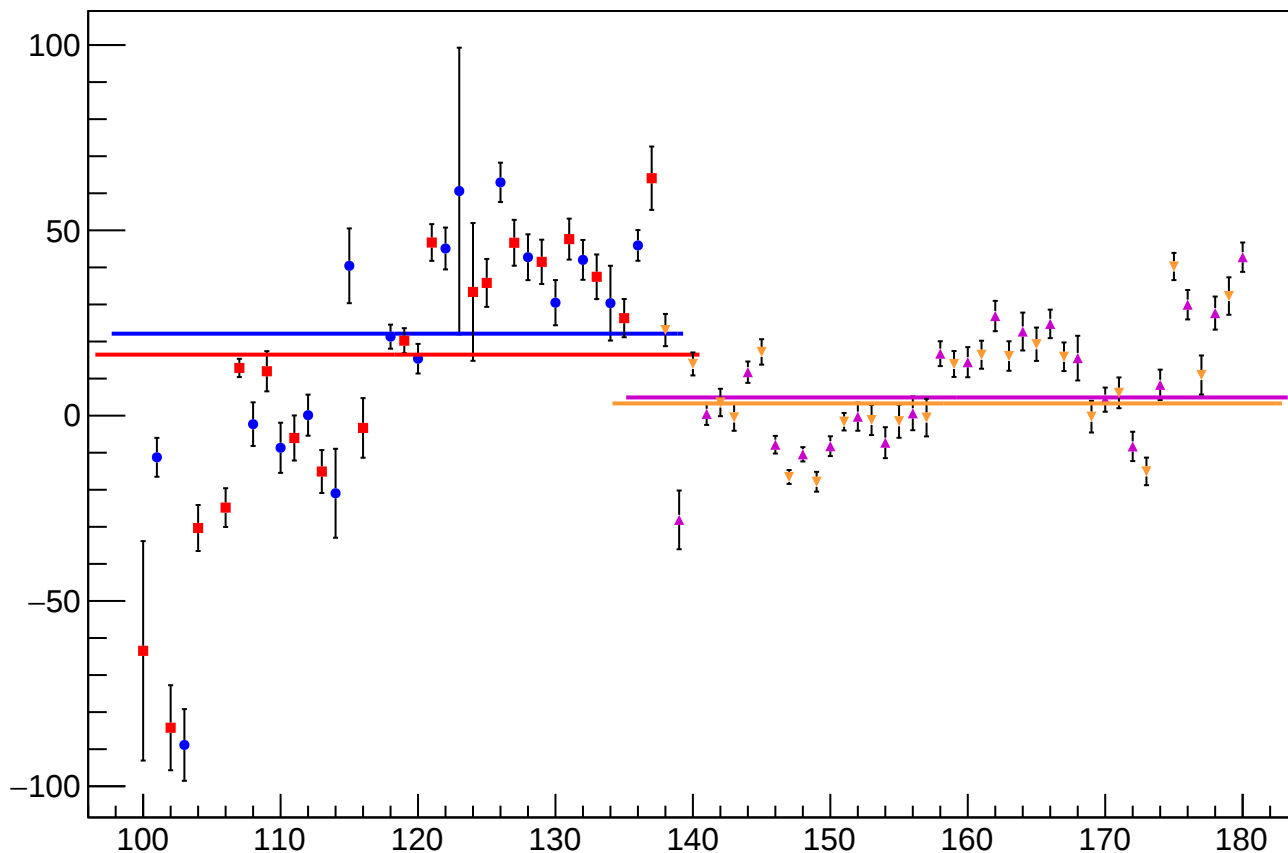
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.775+/-1.027 χ^2/NDF :1177.7/20

Out: 198.821+/-1.044 χ^2/NDF :1199.2/21

All: 197.273+/-0.732 χ^2/NDF : 2381.2/42

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: 3.293+/-0.743 χ^2/NDF : 447.6/21

Right Out: 16.464+/-1.228 χ^2/NDF : 424.1/18

Left In: 4.914+/-0.757 χ^2/NDF : 409.9/20

Left: 4.089+/-0.530 χ^2/NDF : 859.8/42

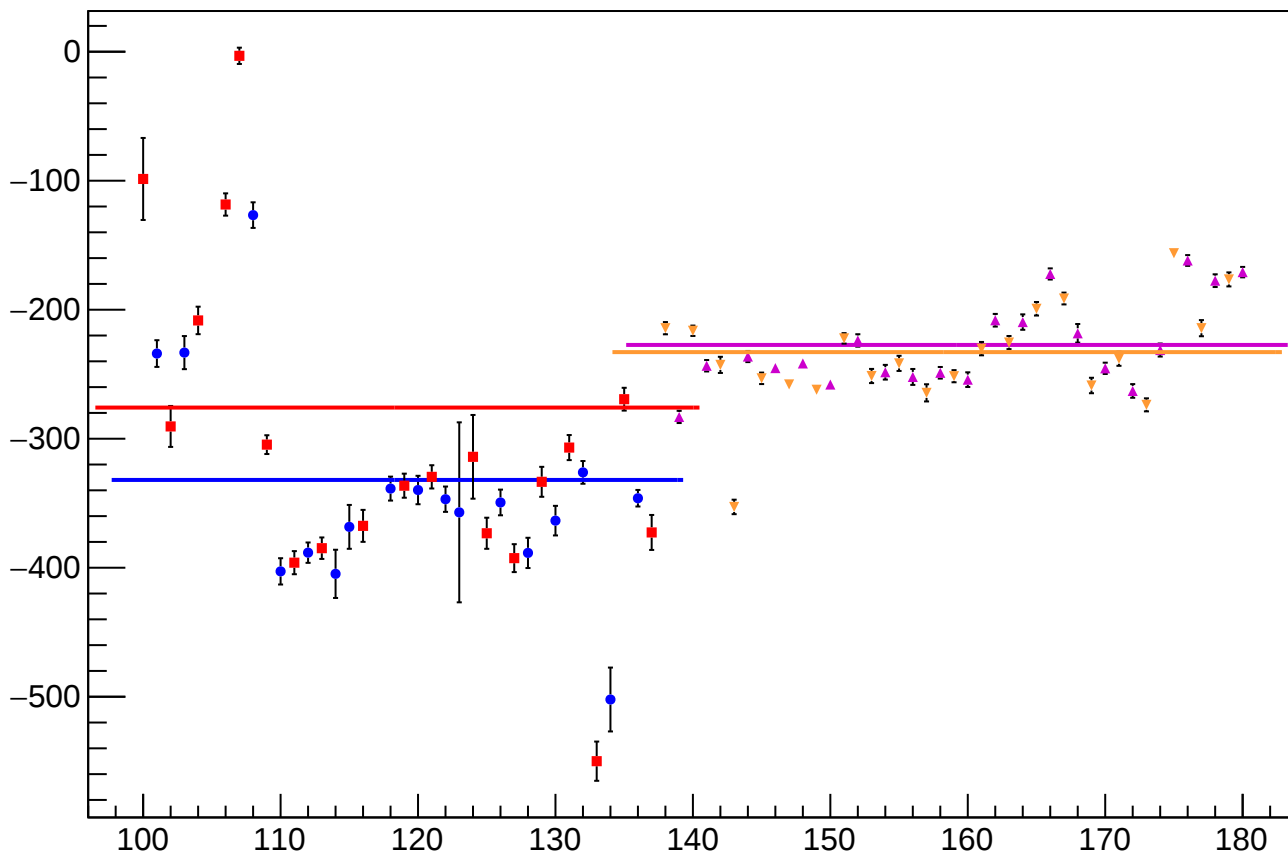
Right: 18.970+/-0.916 χ^2/NDF : 815.5/35

In: 8.906+/-0.663 χ^2/NDF : 911.9/37

Out: 6.826+/-0.636 χ^2/NDF : 955.9/40

All: 7.823+/-0.459 χ^2/NDF : 1872.9/78

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -232.867 ± 1.037 χ^2/NDF : 1403.4/21

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -227.301 ± 1.016 χ^2/NDF : 1129.9/20

Left: -230.028 ± 0.726 χ^2/NDF : 2548.1/42

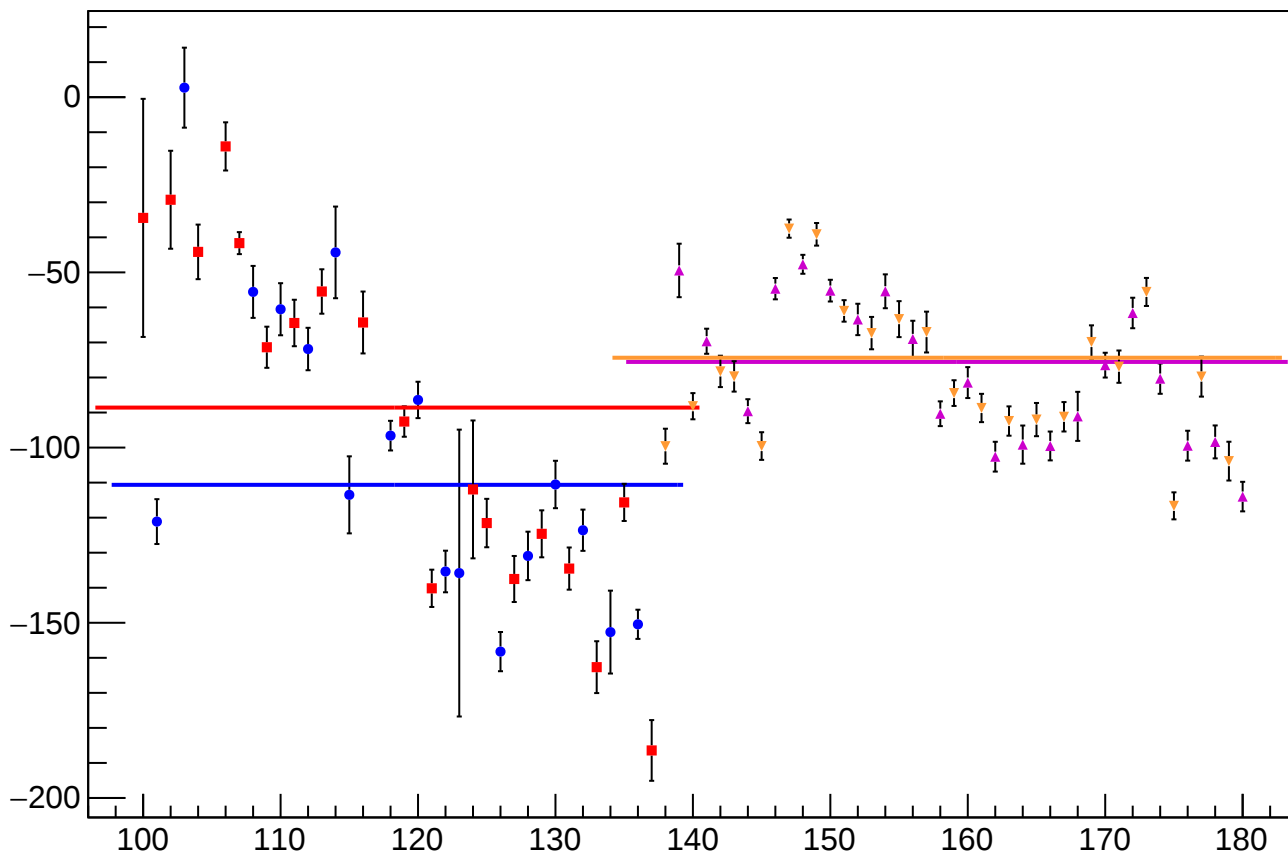
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -241.475 ± 0.945 χ^2/NDF : 3352.1/37

Out: -240.004 ± 0.947 χ^2/NDF : 5050.6/40

All: -240.741 ± 0.669 χ^2/NDF : 8403.9/78

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 $\chi^2/\text{NDF}: 508.9/16$

Left Out: -74.358 ± 0.870 $\chi^2/\text{NDF}: 671.6/21$

Right Out: -88.586 ± 1.433 $\chi^2/\text{NDF}: 966.5/18$

Left In: -75.558 ± 0.876 $\chi^2/\text{NDF}: 521.4/20$

Left: -74.953 ± 0.617 $\chi^2/\text{NDF}: 1193.9/42$

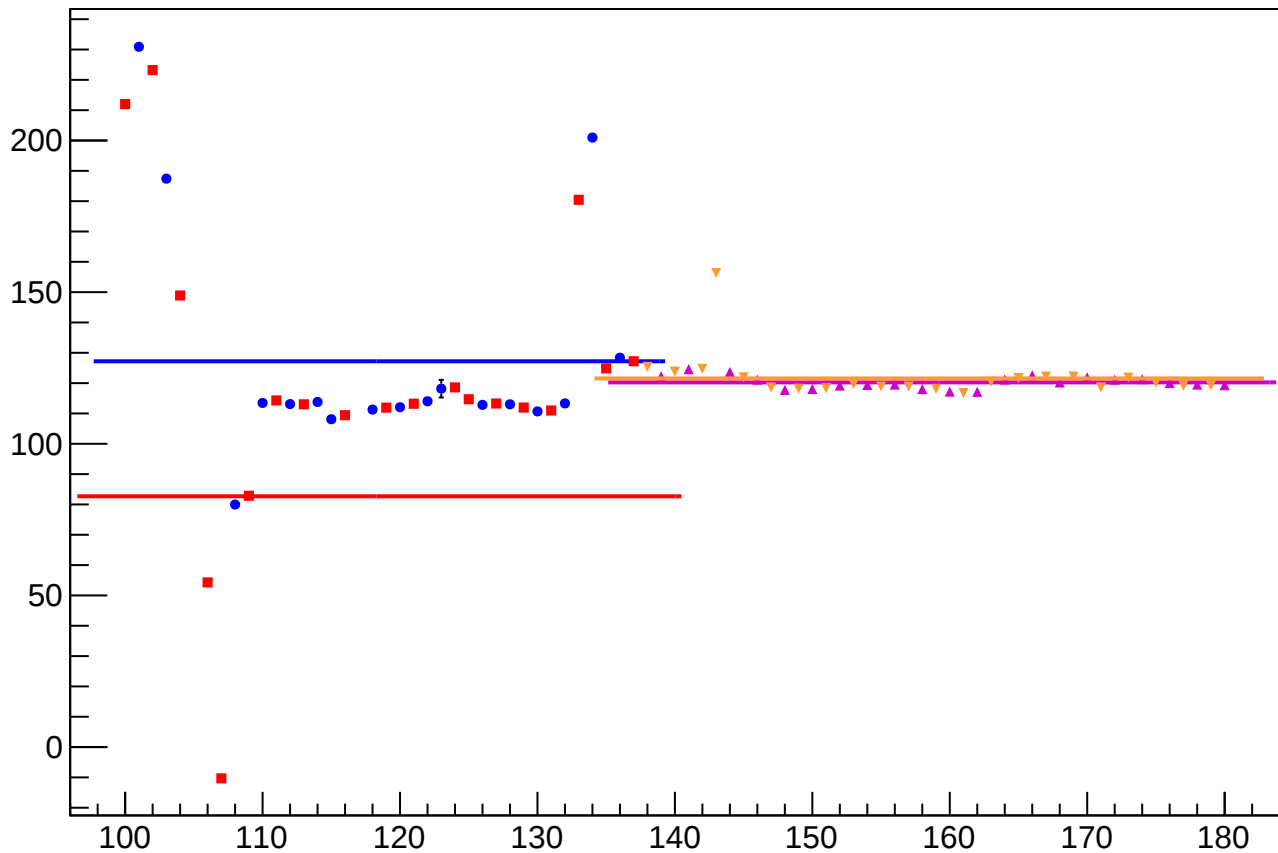
Right: -98.530 ± 1.062 $\chi^2/\text{NDF}: 1582.1/35$

In: -83.800 ± 0.766 $\chi^2/\text{NDF}: 1406.8/37$

Out: -78.188 ± 0.744 $\chi^2/\text{NDF}: 1710.1/40$

All: -80.909 ± 0.534 $\chi^2/\text{NDF}: 3144.5/78$

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: 121.552 $\pm$ 0.042 χ^2 /NDF:27305.2/21

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.247 $\pm$ 0.041 χ^2 /NDF:2593.6/20

Left: 120.888 $\pm$ 0.029 χ^2 /NDF: 30394.9/42

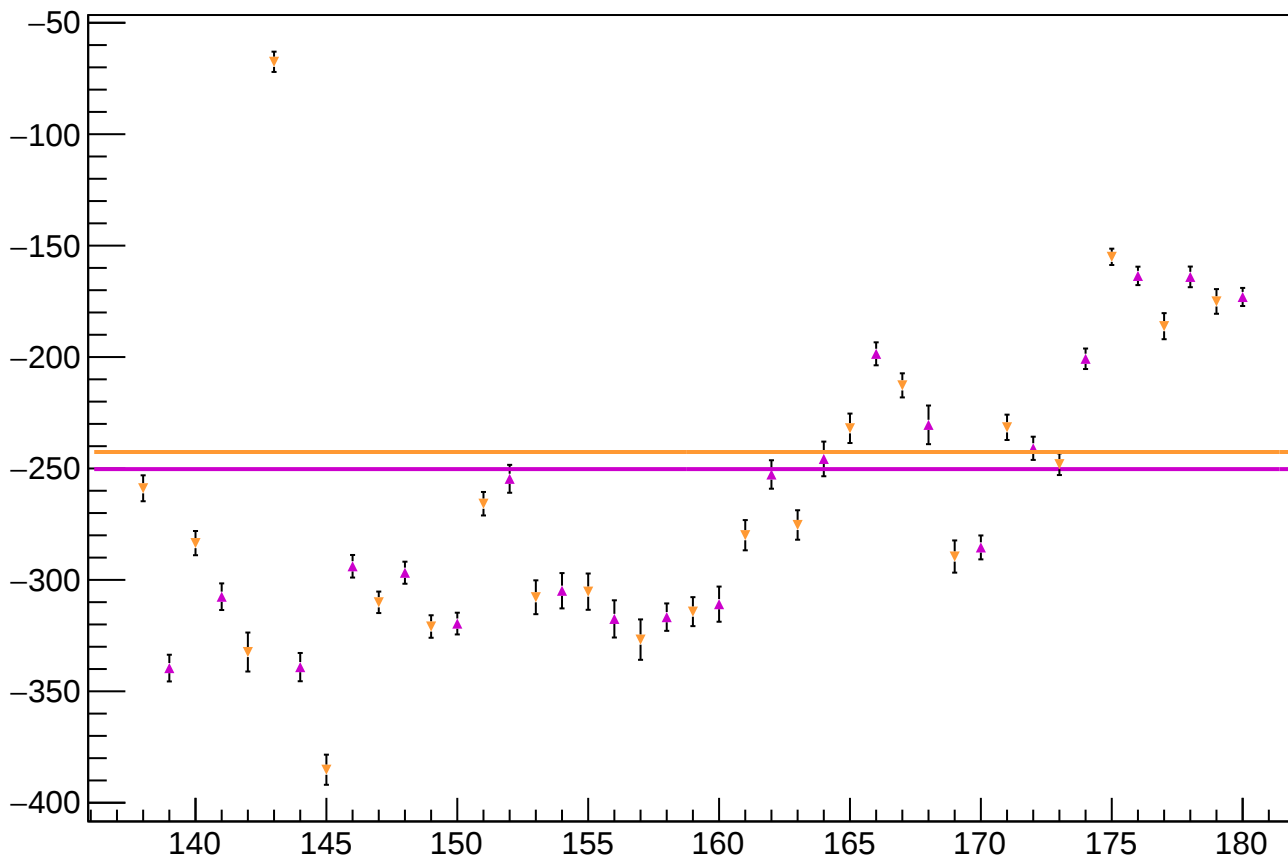
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.465 $\pm$ 0.037 χ^2 /NDF:195646.2/37

Out: 112.394 $\pm$ 0.037 χ^2 /NDF:996694.5/40

All: 116.838 $\pm$ 0.026 χ^2 /NDF: 1222522.0/78

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: -242.609+/-1.228 χ^2/NDF :3840.3/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -250.285+/-1.215 χ^2/NDF :2580.7/20

Left: -246.488+/-0.864 χ^2/NDF : 6440.8/42

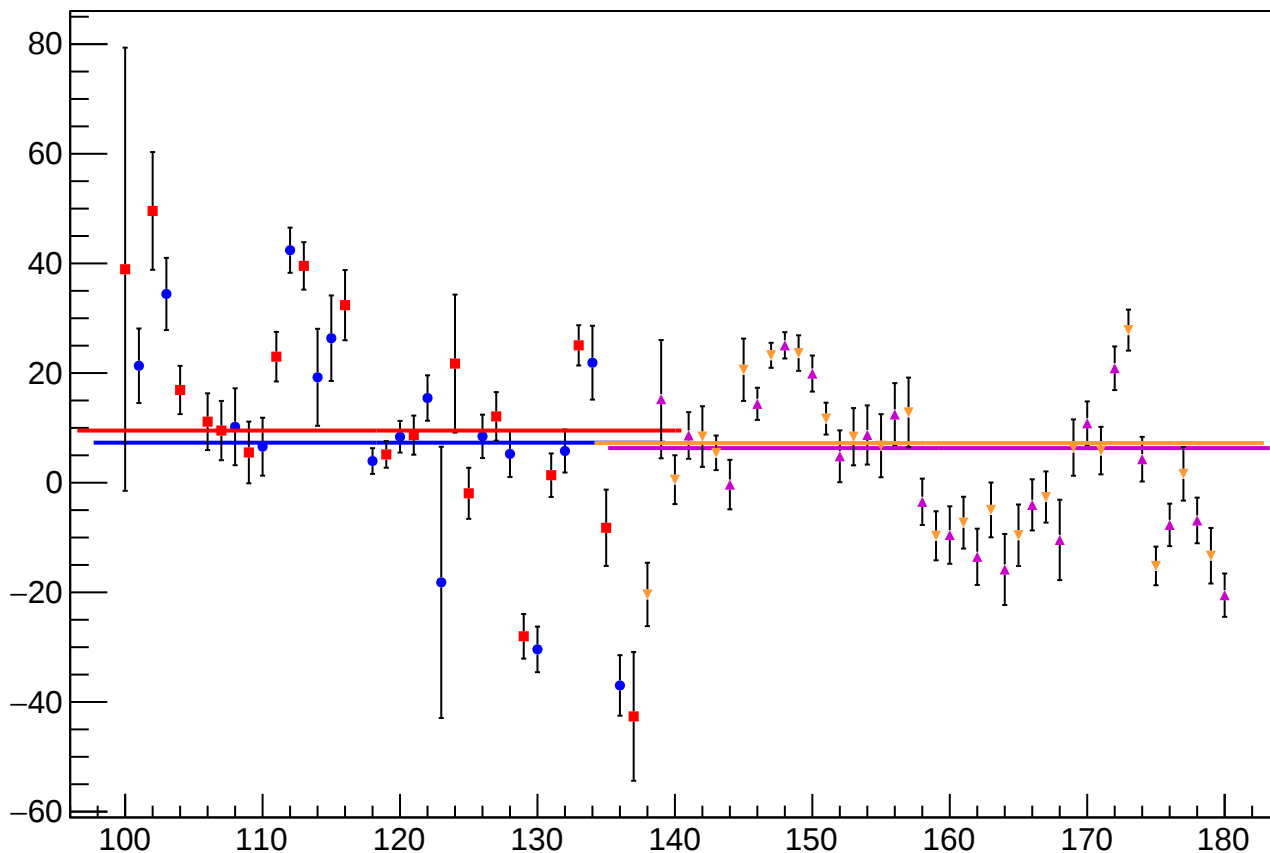
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.285+/-1.215 χ^2/NDF :2580.7/20

Out: -242.609+/-1.228 χ^2/NDF :3840.3/21

All: -246.488+/-0.864 χ^2/NDF : 6440.8/42

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 7.233 ± 0.884 χ^2/NDF : 240.9/21

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 6.313 ± 0.914 χ^2/NDF : 225.6/20

Left: 6.788 ± 0.635 χ^2/NDF : 467.1/42

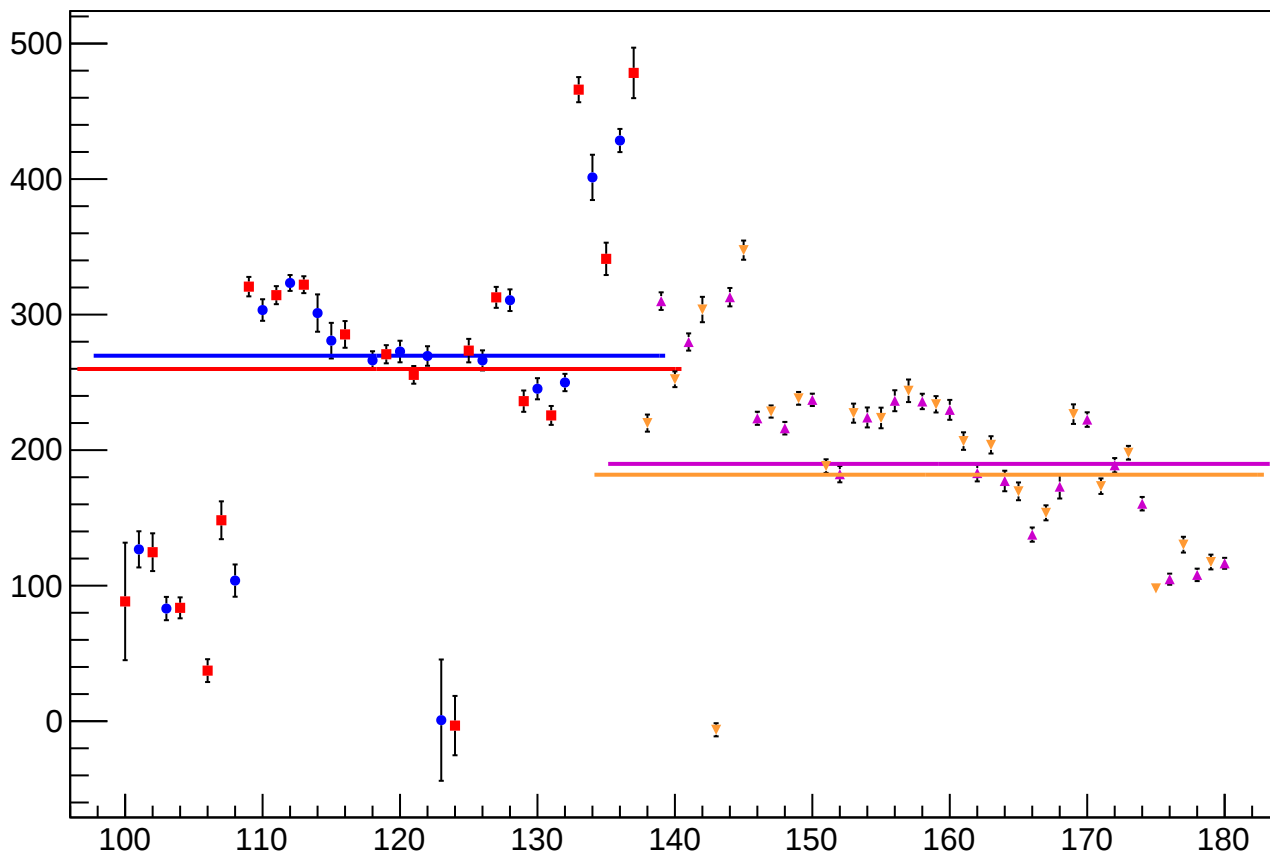
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 6.724 ± 0.699 χ^2/NDF : 486.7/37

Out: 8.156 ± 0.682 χ^2/NDF : 475.3/40

All: 7.457 ± 0.488 χ^2/NDF : 964.2/78

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 ± 2.076 χ^2/NDF : 1376.6/16

Left Out: 181.864 ± 1.219 χ^2/NDF : 3709.0/21

Right Out: 259.869 ± 1.977 χ^2/NDF : 2543.7/18

Left In: 189.845 ± 1.202 χ^2/NDF : 2472.8/20

Left: 185.910 ± 0.856 χ^2/NDF : 6203.6/42

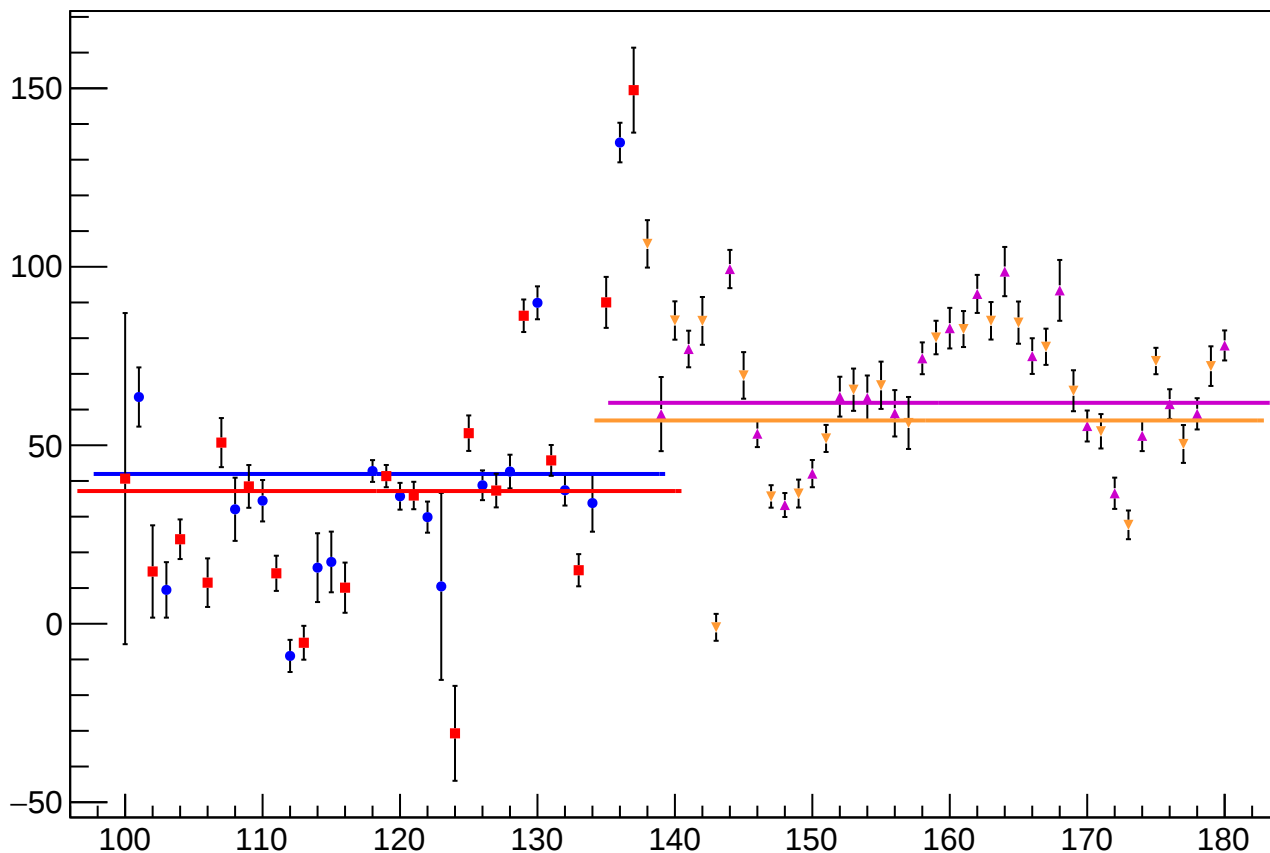
Right: 264.527 ± 1.432 χ^2/NDF : 3931.9/35

In: 209.896 ± 1.041 χ^2/NDF : 4956.3/37

Out: 203.363 ± 1.038 χ^2/NDF : 7380.7/40

All: 206.620 ± 0.735 χ^2/NDF : 12356.8/78

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 56.948 $\pm$ 1.029 χ^2 /NDF:620.6/21

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 61.890 $\pm$ 1.049 χ^2 /NDF:321.5/20

Left: 59.372 $\pm$ 0.735 χ^2 /NDF: 953.5/42

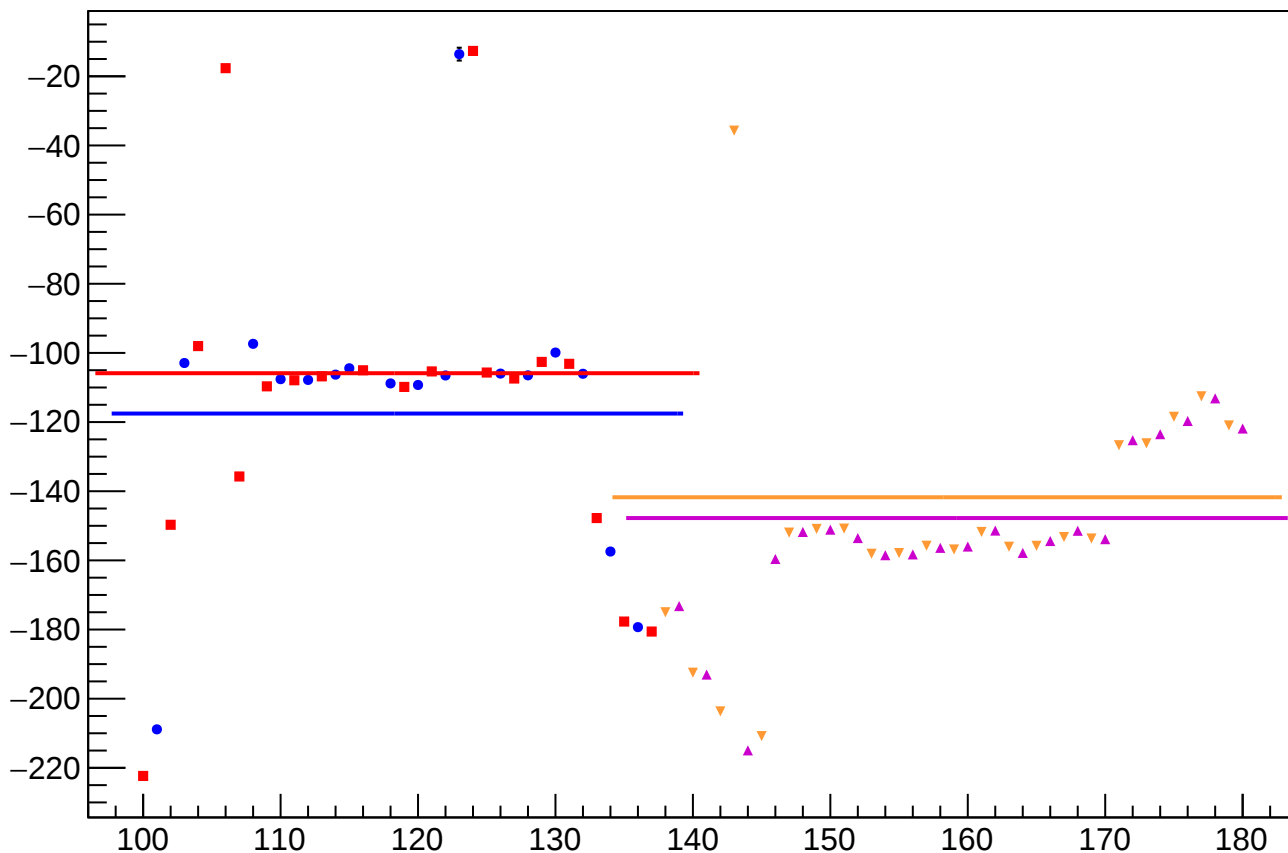
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 53.717 $\pm$ 0.806 χ^2 /NDF:1043.8/37

Out: 48.849 $\pm$ 0.791 χ^2 /NDF:1242.7/40

All: 51.238 $\pm$ 0.564 χ^2 /NDF: 2305.1/78

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: -141.745 ± 0.049 χ^2/NDF : 528365.1/21

Right Out: -105.868 ± 0.073 χ^2/NDF : 324319.1/18

Left In: -147.759 ± 0.049 χ^2/NDF : 205330.6/20

Left: -144.778 ± 0.035 χ^2/NDF : 741163.1/42

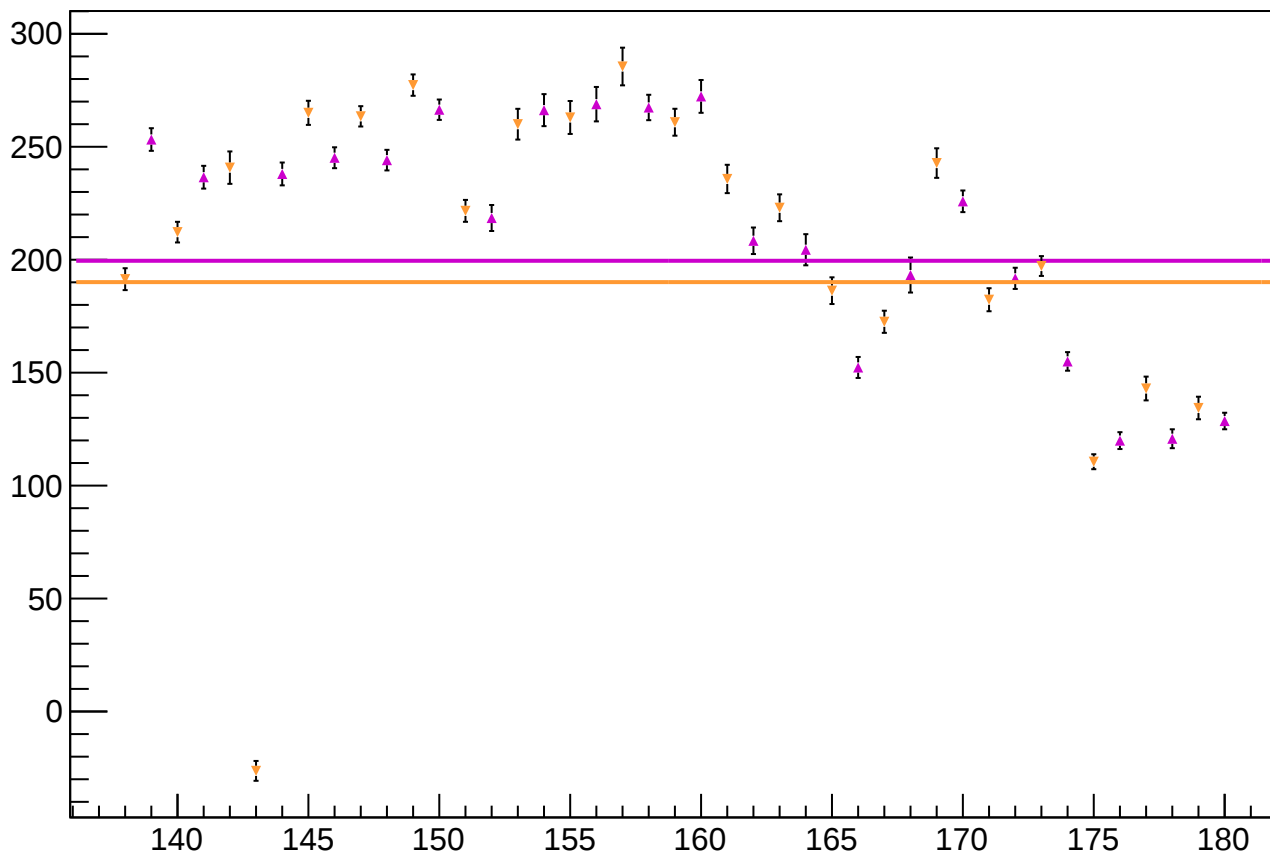
Right: -111.288 ± 0.053 χ^2/NDF : 478296.7/35

In: -139.227 ± 0.042 χ^2/NDF : 454802.0/37

Out: -130.420 ± 0.041 χ^2/NDF : 1019004.1/40

All: -134.757 ± 0.029 χ^2/NDF : 1496655.2/78

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: 190.087+/-1.103 χ^2/NDF : 4768.1/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 199.531+/-1.088 χ^2/NDF : 2510.1/20

Left: 194.876+/-0.775 χ^2/NDF : 7315.3/42

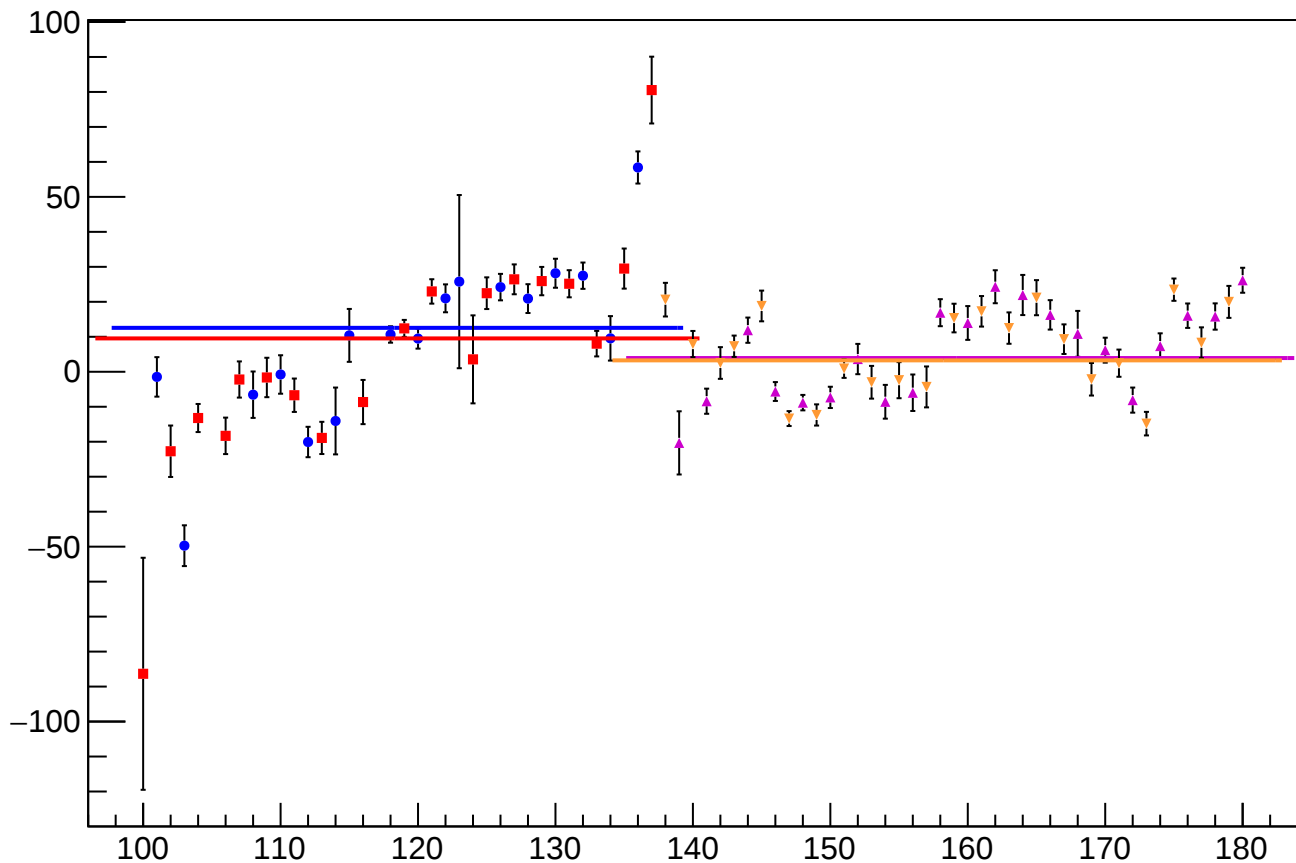
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 199.531+/-1.088 χ^2/NDF : 2510.1/20

Out: 190.087+/-1.103 χ^2/NDF : 4768.1/21

All: 194.876+/-0.775 χ^2/NDF : 7315.3/42

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: 3.261+/-0.801 χ^2/NDF : 245.1/21

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: 3.923+/-0.823 χ^2/NDF : 220.9/20

Left: 3.583+/-0.574 χ^2/NDF : 466.3/42

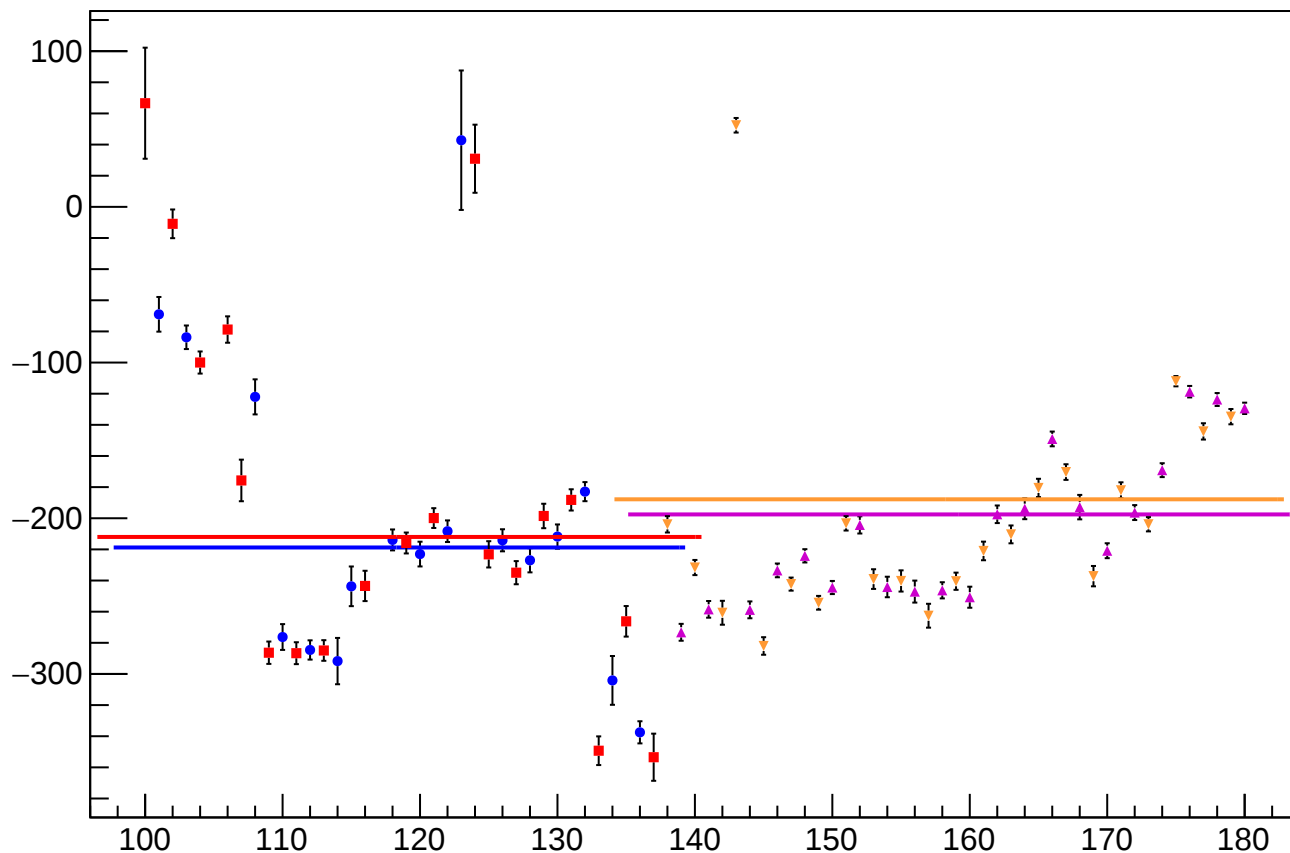
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 7.179+/-0.649 χ^2/NDF : 611.1/37

Out: 5.572+/-0.636 χ^2/NDF : 563.5/40

All: 6.359+/-0.455 χ^2/NDF : 1177.7/78

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 χ^2/NDF : 1144.4/16

Left Out: -187.833 ± 1.098 χ^2/NDF : 4644.4/21

Right Out: -212.004 ± 1.923 χ^2/NDF : 1885.7/18

Left In: -197.540 ± 1.079 χ^2/NDF : 2223.8/20

Left: -192.772 ± 0.770 χ^2/NDF : 6908.0/42

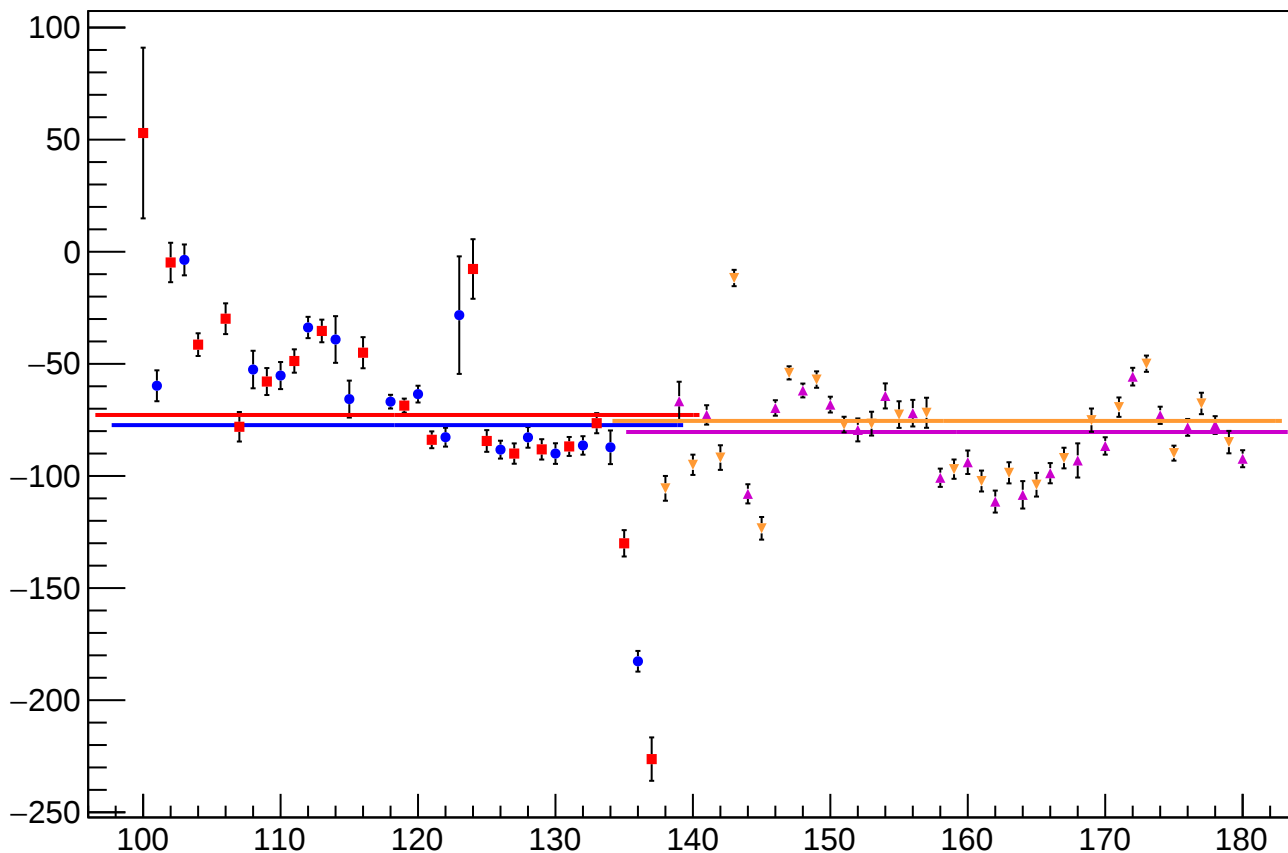
Right: -215.238 ± 1.390 χ^2/NDF : 3036.0/35

In: -202.291 ± 0.951 χ^2/NDF : 3454.7/37

Out: -193.776 ± 0.954 χ^2/NDF : 6649.2/40

All: -198.046 ± 0.673 χ^2/NDF : 10143.9/78

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -75.445 ± 0.930 χ^2/NDF : 733.0/21

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -80.389 ± 0.944 χ^2/NDF : 283.4/20

Left: -77.881 ± 0.662 χ^2/NDF : 1030.4/42

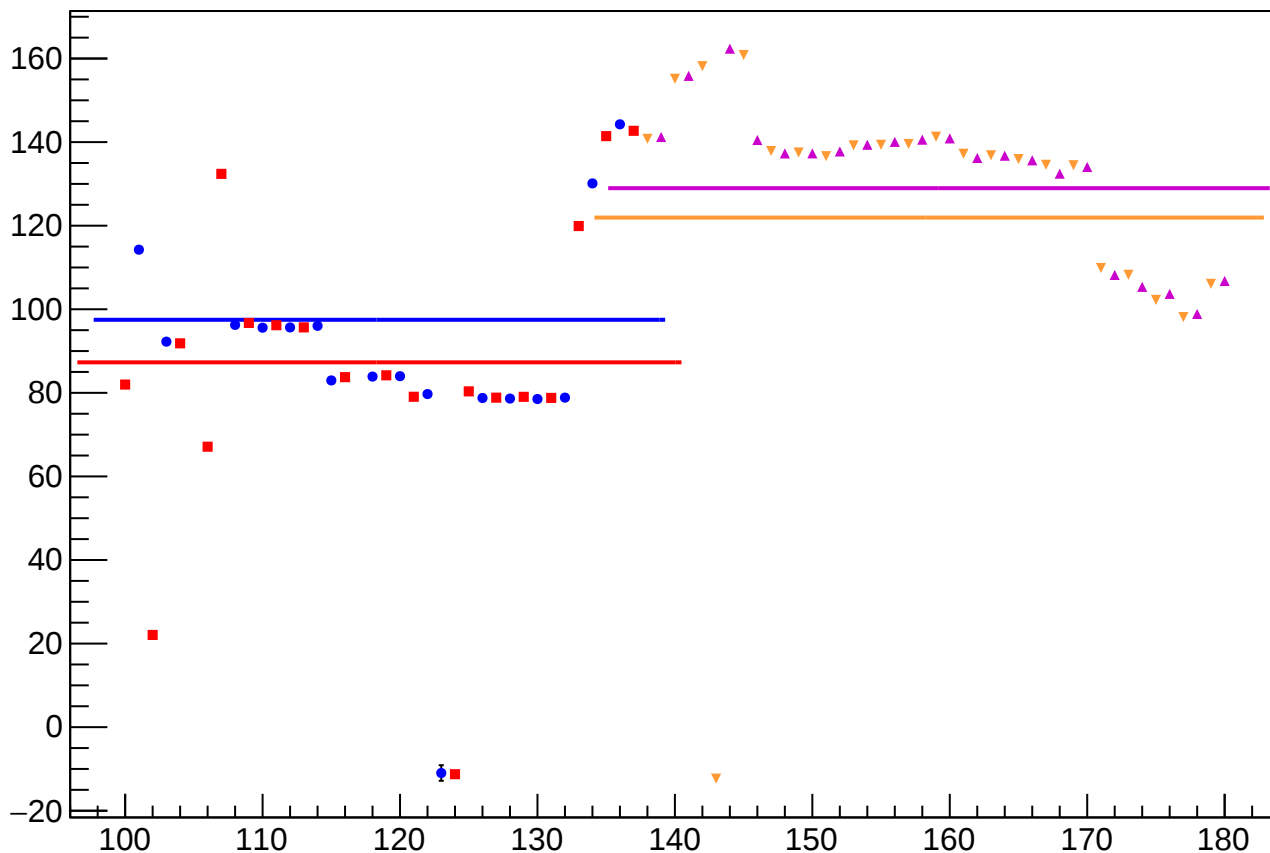
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -79.243 ± 0.747 χ^2/NDF : 1105.0/37

Out: -74.458 ± 0.737 χ^2/NDF : 1407.8/40

All: -76.818 ± 0.524 χ^2/NDF : 2533.6/78

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: 121.940+/-0.044 χ^2/NDF : 693218.2/21

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 128.978+/-0.044 χ^2/NDF : 160447.8/20

Left: 125.502+/-0.031 χ^2/NDF : 866337.4/42

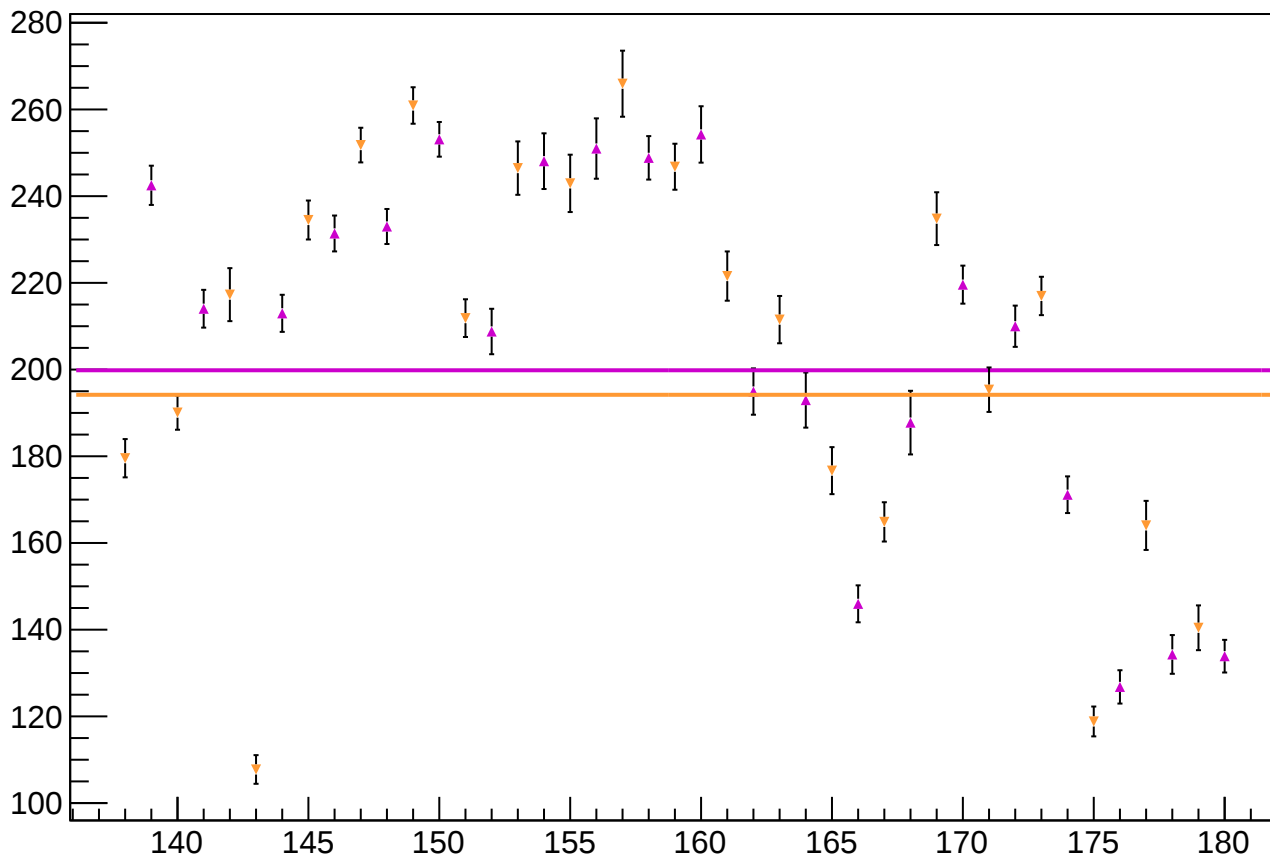
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 120.664+/-0.038 χ^2/NDF : 390482.5/37

Out: 111.608+/-0.037 χ^2/NDF : 1096035.3/40

All: 116.084+/-0.026 χ^2/NDF : 1515718.8/78

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: 194.180+/-1.014 χ^2/NDF :2351.5/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 199.837+/-1.022 χ^2/NDF :1808.8/20

Left: 196.984+/-0.720 χ^2/NDF : 4175.7/42

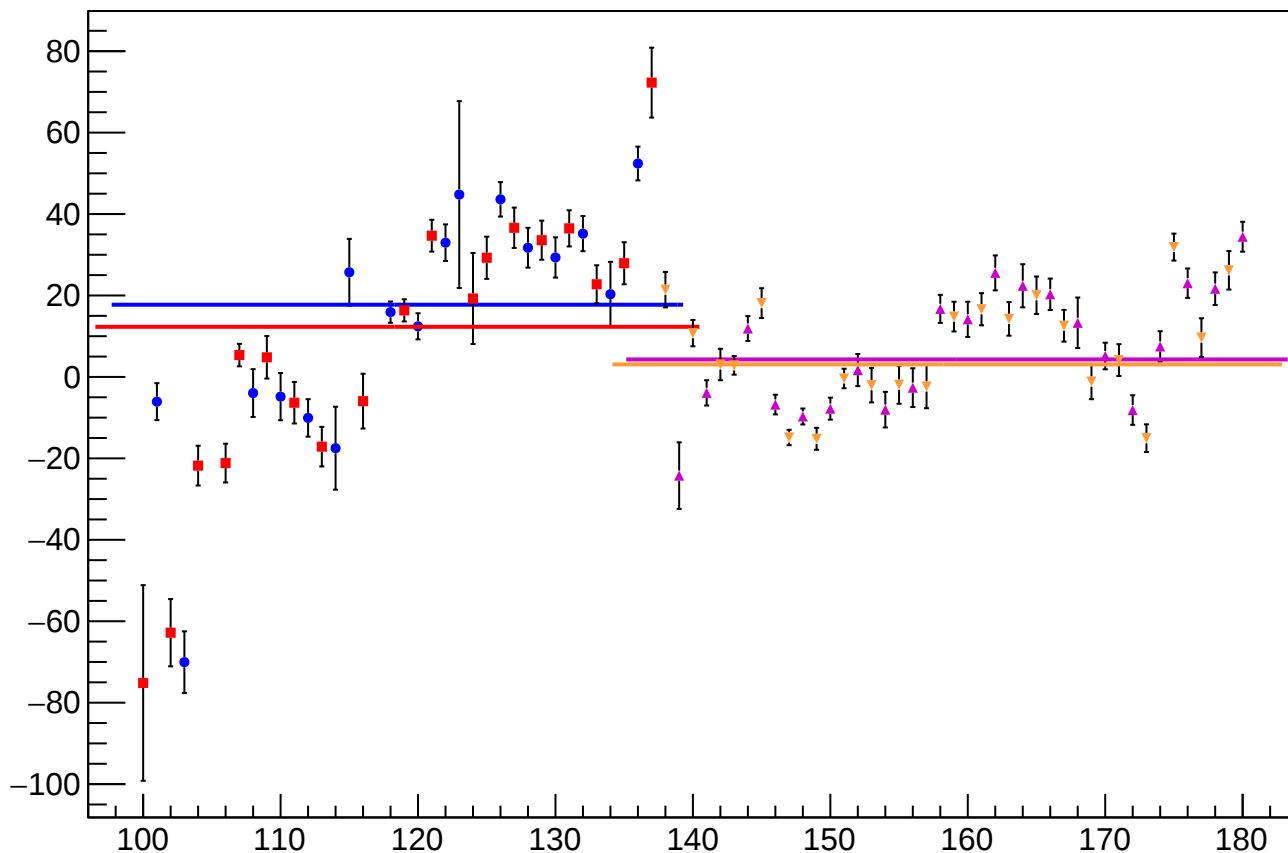
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 199.837+/-1.022 χ^2/NDF :1808.8/20

Out: 194.180+/-1.014 χ^2/NDF :2351.5/21

All: 196.984+/-0.720 χ^2/NDF : 4175.7/42

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: 3.077 $\pm$ 0.724 χ^2 /NDF:361.8/21

Right Out: 12.306 $\pm$ 1.084 χ^2 /NDF: 442.5/18

Left In: 4.294 $\pm$ 0.760 χ^2 /NDF:327.5/20

Left: 3.656 $\pm$ 0.524 χ^2 /NDF: 690.7/42

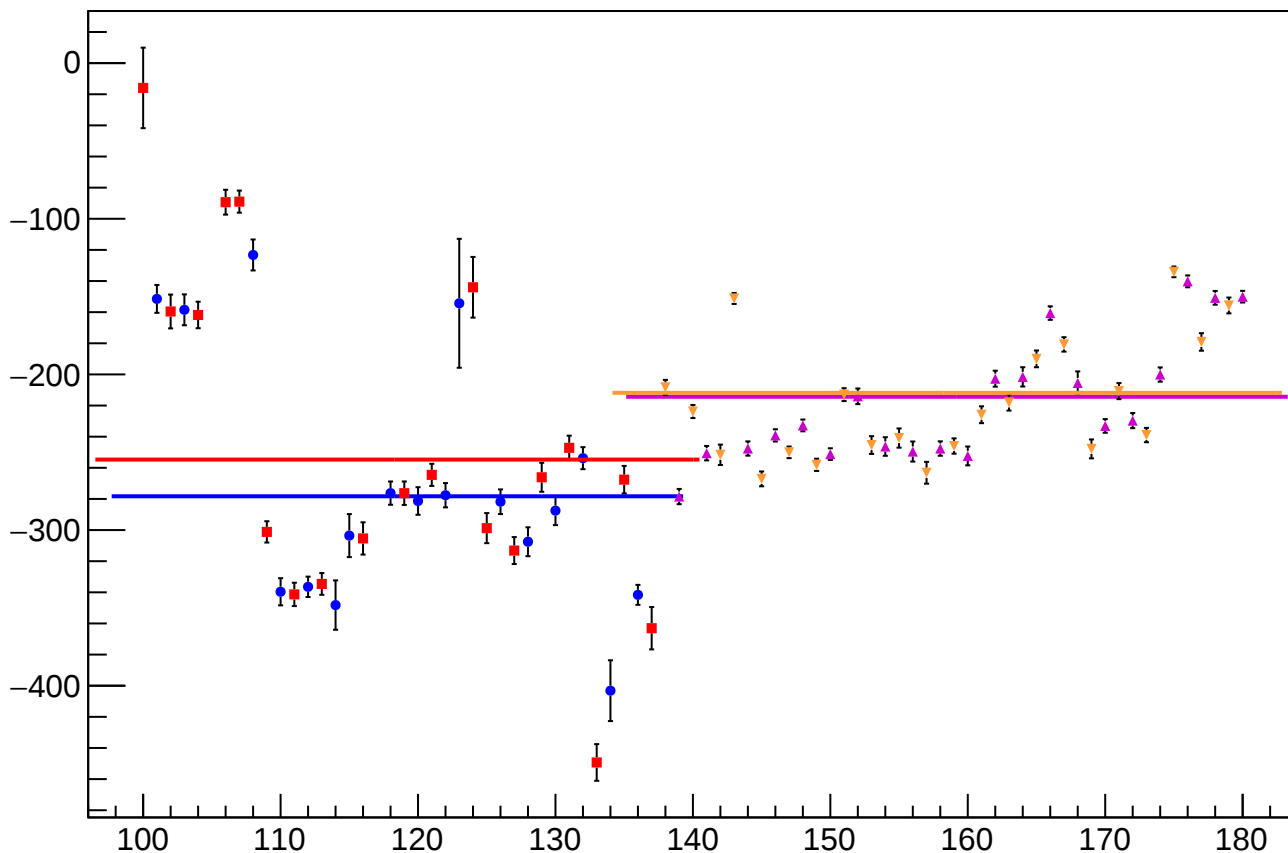
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 8.387 $\pm$ 0.634 χ^2 /NDF:816.8/37

Out: 5.925 $\pm$ 0.602 χ^2 /NDF:854.4/40

All: 7.093 $\pm$ 0.437 χ^2 /NDF: 1679.1/78

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -211.824 ± 1.011 $\chi^2/\text{NDF}: 1684.2/21$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -214.348 ± 1.013 $\chi^2/\text{NDF}: 1676.1/20$

Left: -213.084 ± 0.716 $\chi^2/\text{NDF}: 3363.5/42$

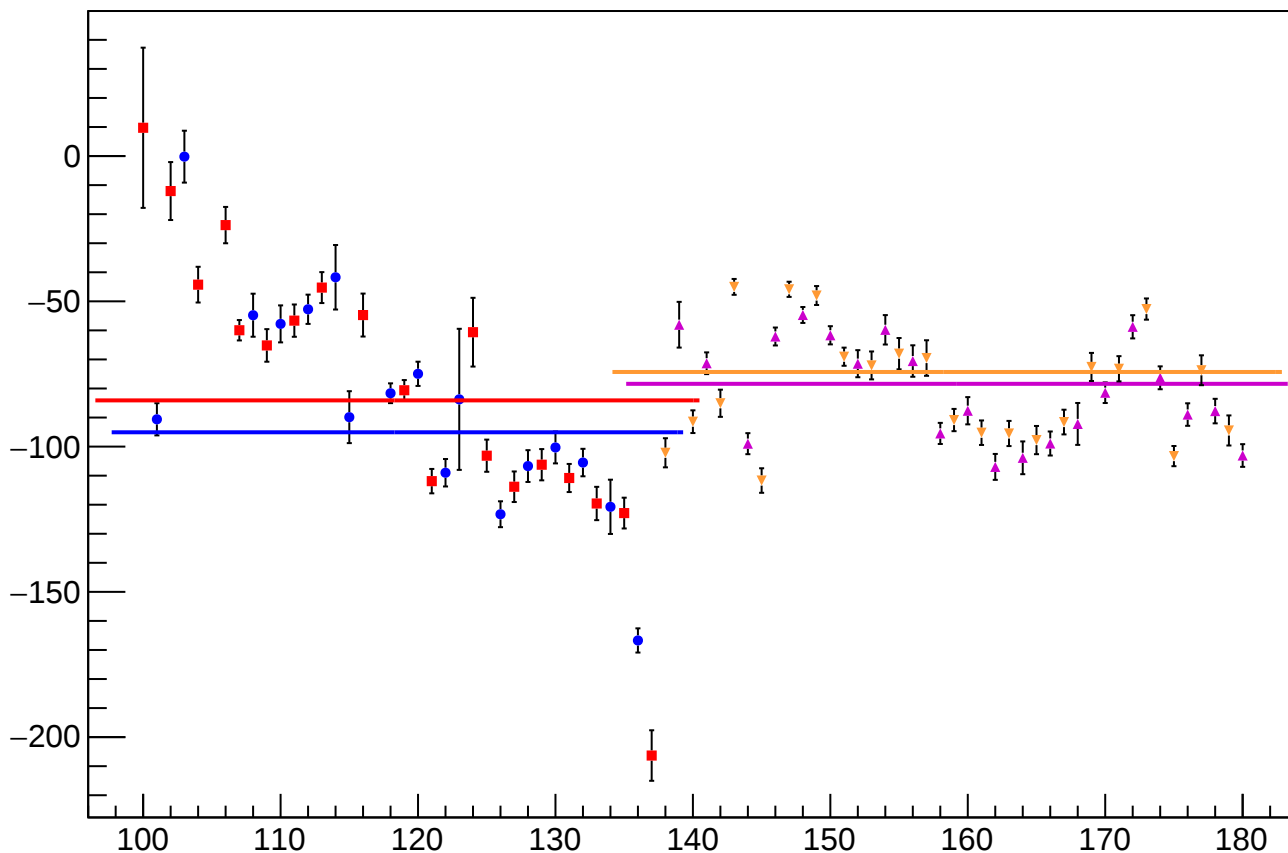
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -225.769 ± 0.918 $\chi^2/\text{NDF}: 3298.0/37$

Out: -220.423 ± 0.904 $\chi^2/\text{NDF}: 4083.1/40$

All: -223.055 ± 0.644 $\chi^2/\text{NDF}: 7398.3/78$

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: -74.313 ± 0.847 χ^2/NDF : 664.4/21

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -78.394 ± 0.877 χ^2/NDF : 384.9/20

Left: -76.282 ± 0.609 χ^2/NDF : 1060.5/42

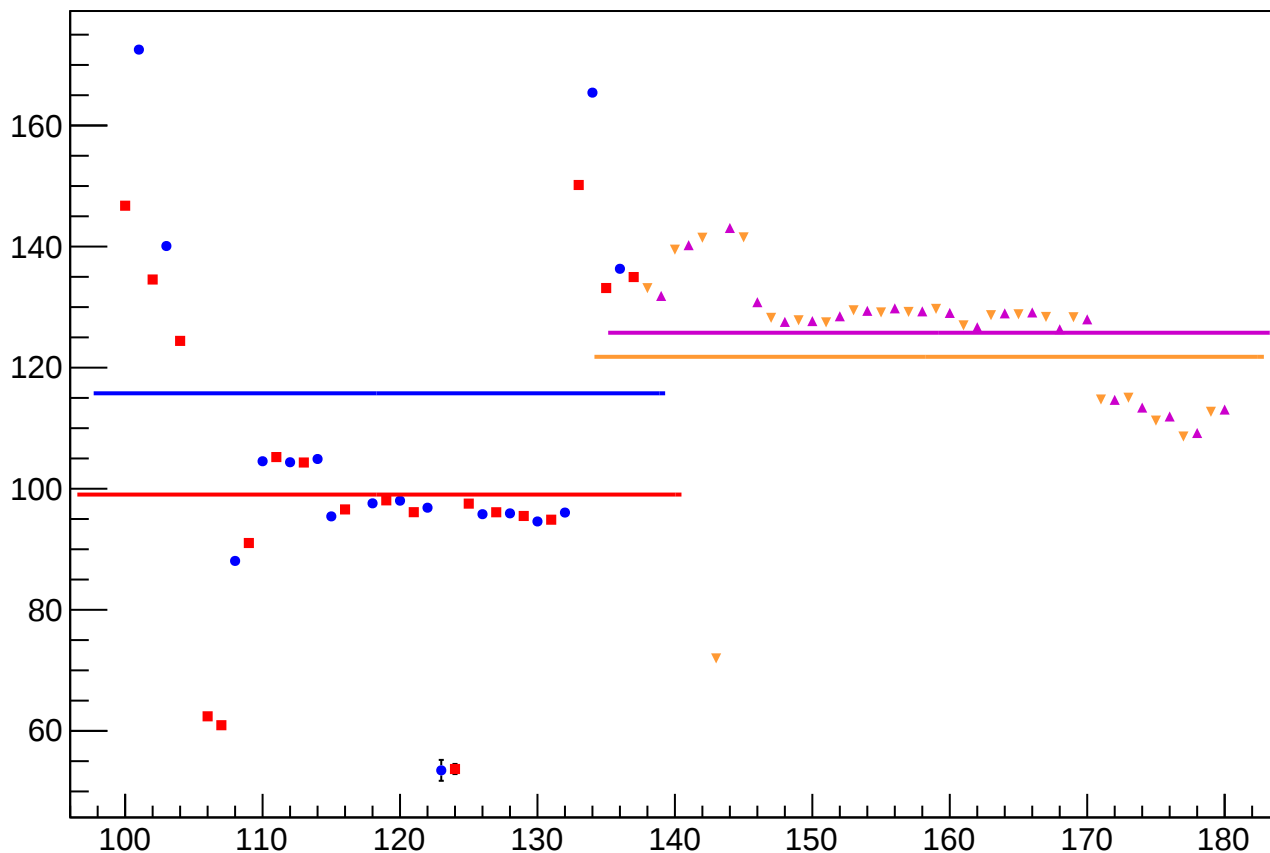
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -83.477 ± 0.732 χ^2/NDF : 1168.2/37

Out: -77.368 ± 0.702 χ^2/NDF : 1486.5/40

All: -80.298 ± 0.507 χ^2/NDF : 2691.0/78

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 121.792+/-0.041 χ^2/NDF :178911.7/21

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 125.766+/-0.041 χ^2/NDF :44867.5/20

Left: 123.769+/-0.029 χ^2/NDF : 228479.2/42

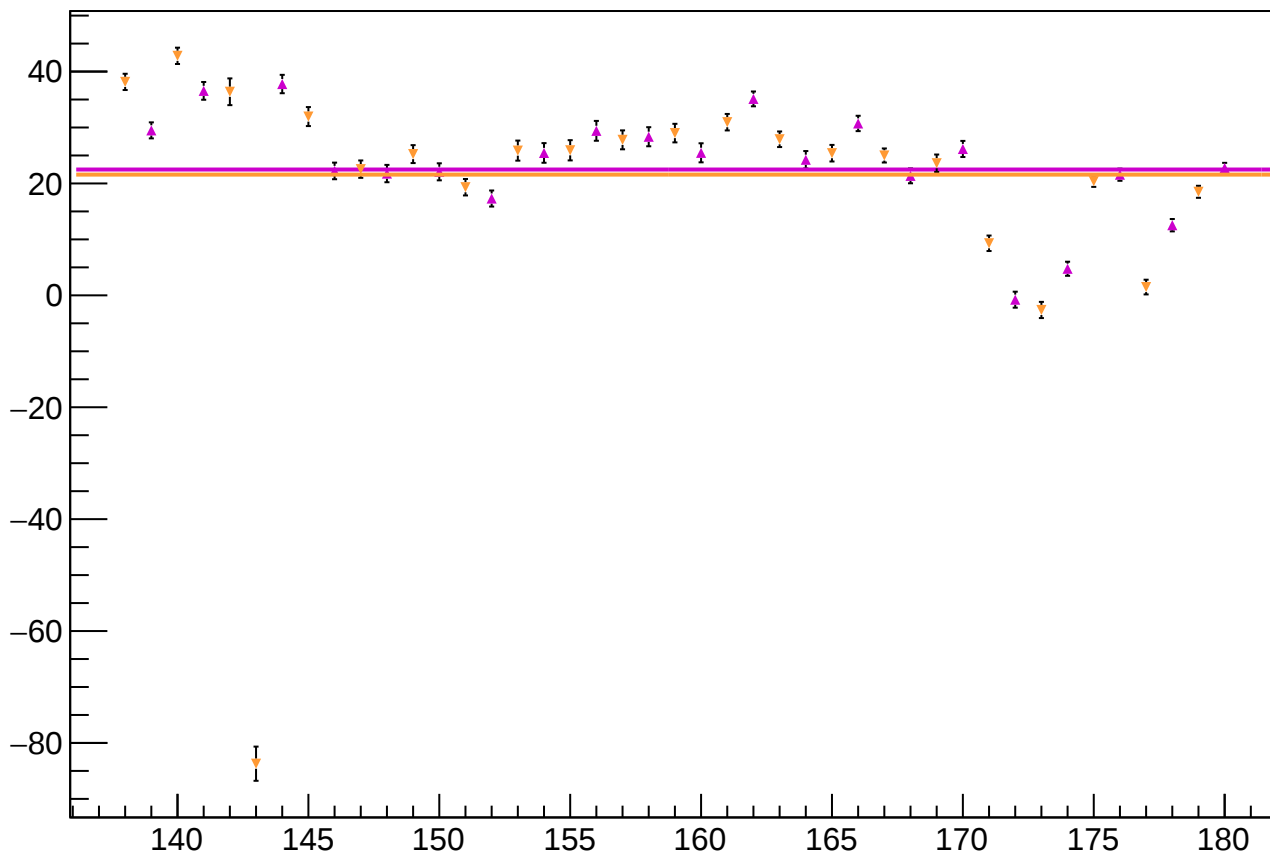
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 123.596+/-0.036 χ^2/NDF :164016.4/37

Out: 115.812+/-0.035 χ^2/NDF :433789.9/40

All: 119.567+/-0.025 χ^2/NDF : 621527.1/78

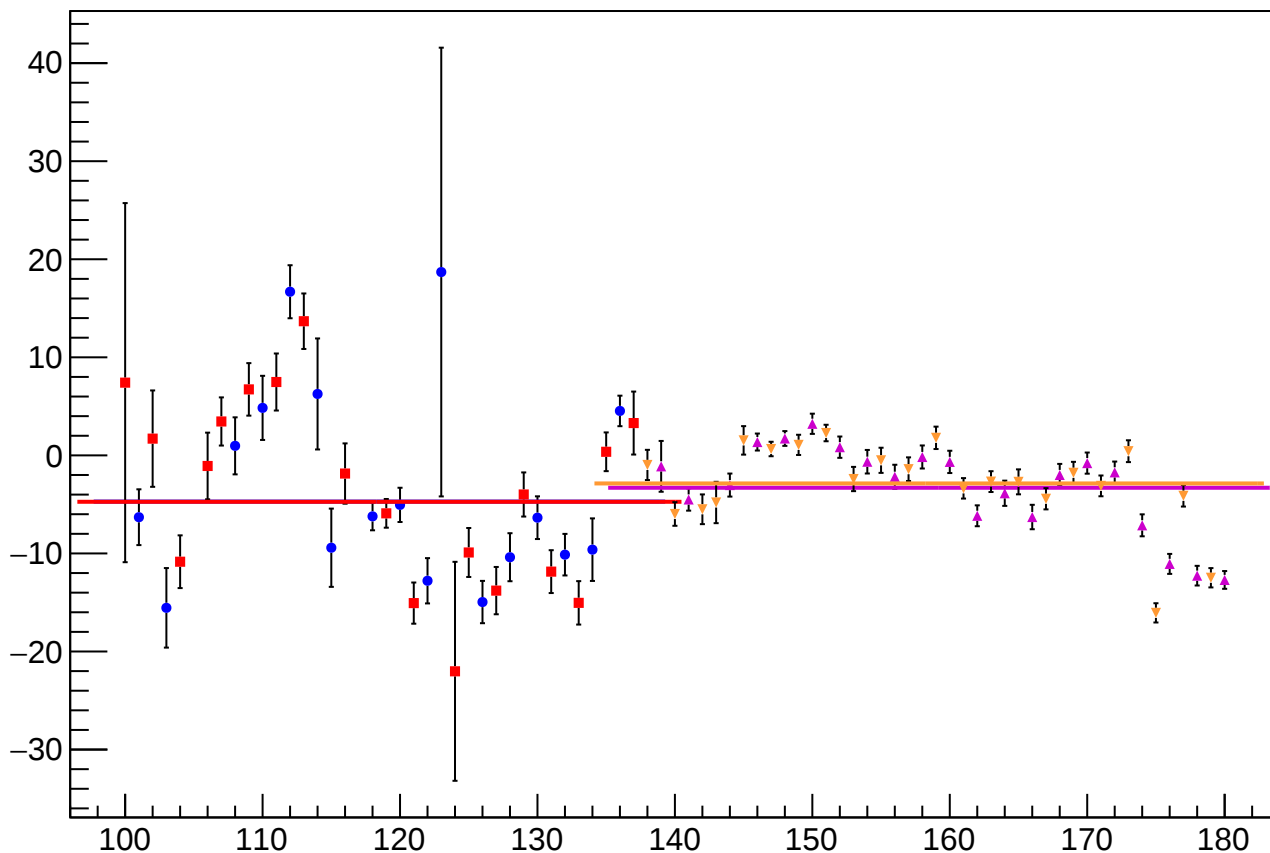
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.579+/-0.315 χ^2/NDF :2336.4/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 22.489+/-0.303 χ^2/NDF :915.5/20

Left: 22.052+/-0.218 χ^2/NDF : 3256.2/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 22.489+/-0.303 χ^2/NDF :915.5/20
 Out: 21.579+/-0.315 χ^2/NDF :2336.4/21
 All: 22.052+/-0.218 χ^2/NDF : 3256.2/42

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -2.862 ± 0.237 χ^2/NDF : 407.0/21

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -3.303 ± 0.236 χ^2/NDF : 427.4/20

Left: -3.083 ± 0.167 χ^2/NDF : 836.2/42

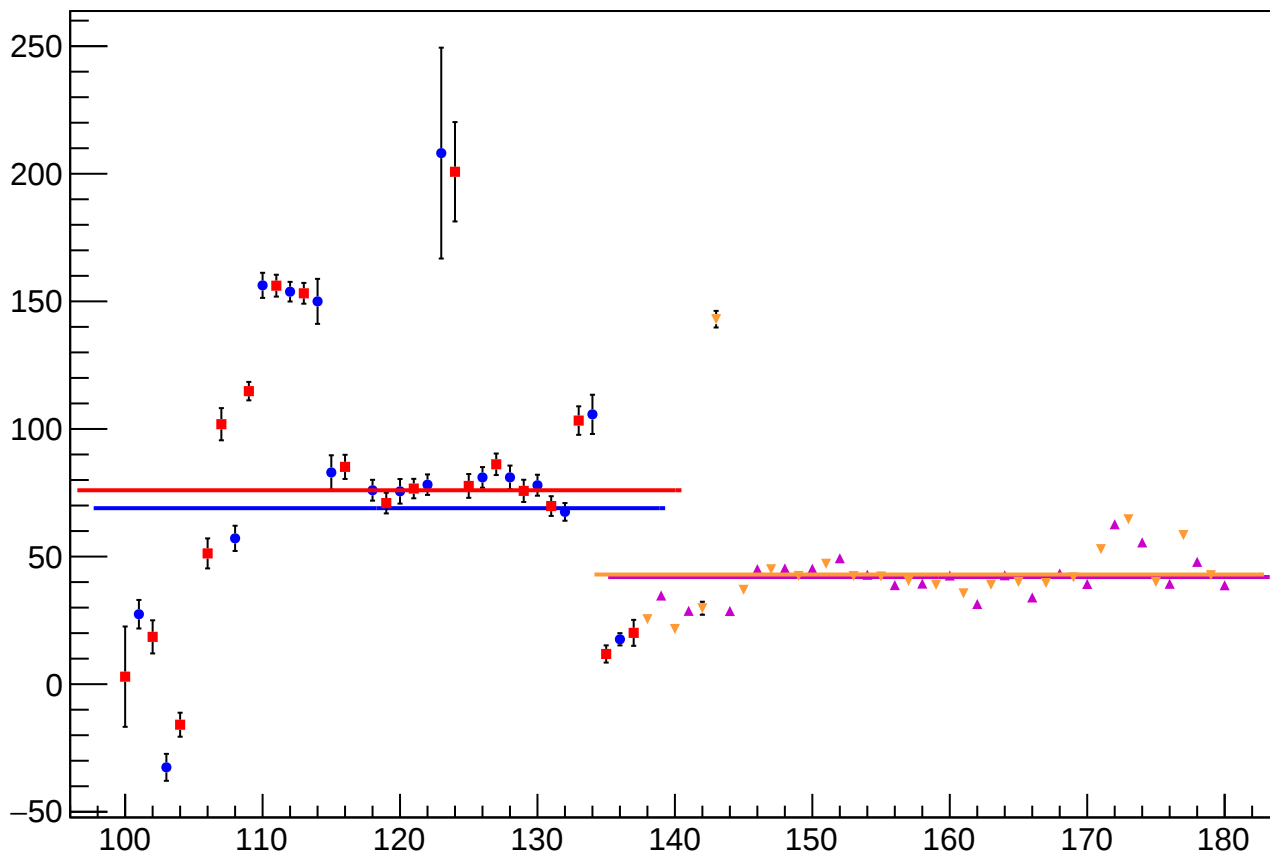
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -3.503 ± 0.219 χ^2/NDF : 607.2/37

Out: -3.126 ± 0.220 χ^2/NDF : 605.5/40

All: -3.315 ± 0.155 χ^2/NDF : 1214.2/78

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960+/-1.079 χ^2/NDF : 1844.0/16

Left Out: 42.973+/-0.312 χ^2/NDF :1766.1/21

Right Out: 75.982+/-1.069 χ^2/NDF : 1894.8/18

Left In: 41.987+/-0.300 χ^2/NDF :644.3/20

Left: 42.461+/-0.216 χ^2/NDF : 2415.6/42

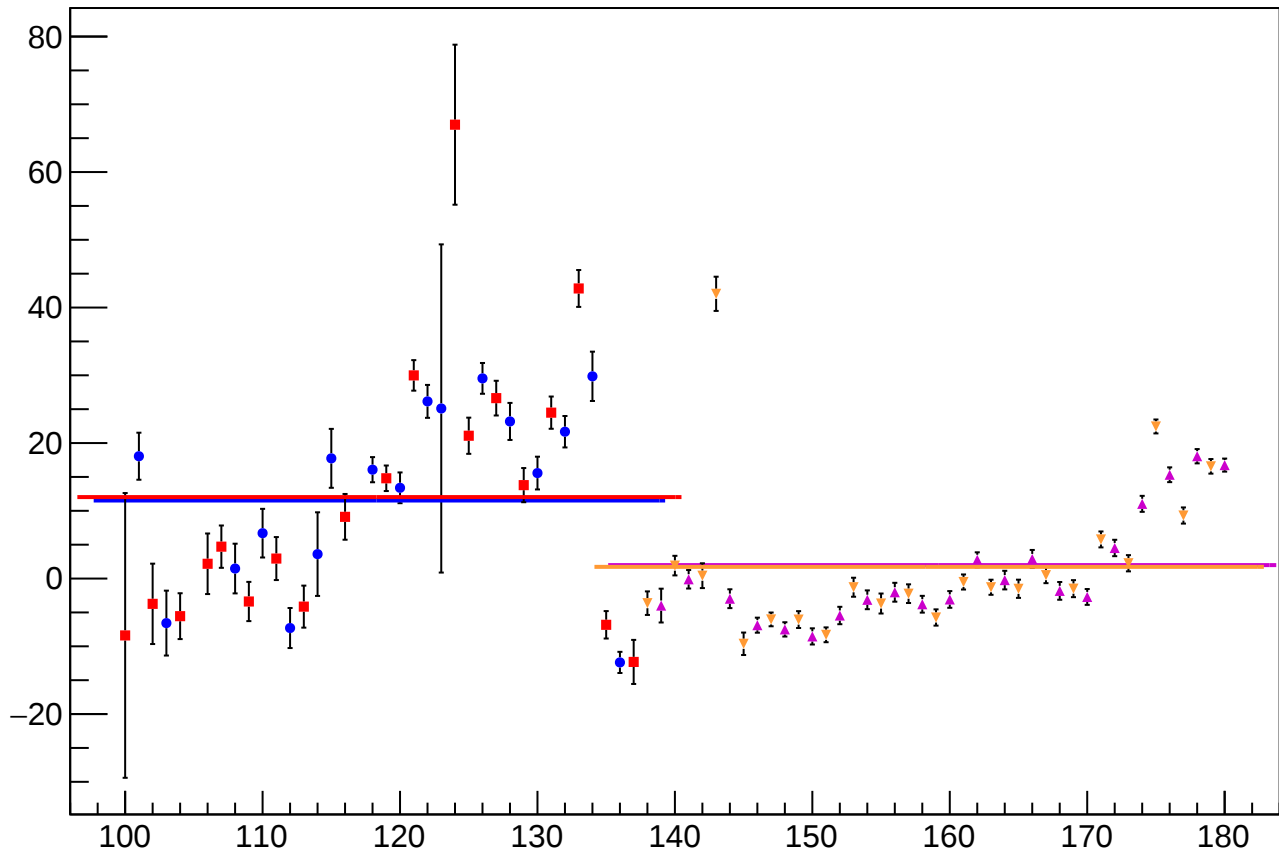
Right: 72.502+/-0.760 χ^2/NDF : 3760.2/35

In: 43.923+/-0.289 χ^2/NDF :3068.4/37

Out: 45.558+/-0.299 χ^2/NDF :4539.1/40

All: 44.712+/-0.208 χ^2/NDF : 7622.9/78

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: 1.728+/-0.270 χ^2/NDF :1232.1/21

Right Out: 12.026+/-0.664 χ^2/NDF : 539.7/18

Left In: 1.986+/-0.267 χ^2/NDF :1044.7/20

Left: 1.858+/-0.190 χ^2/NDF : 2277.3/42

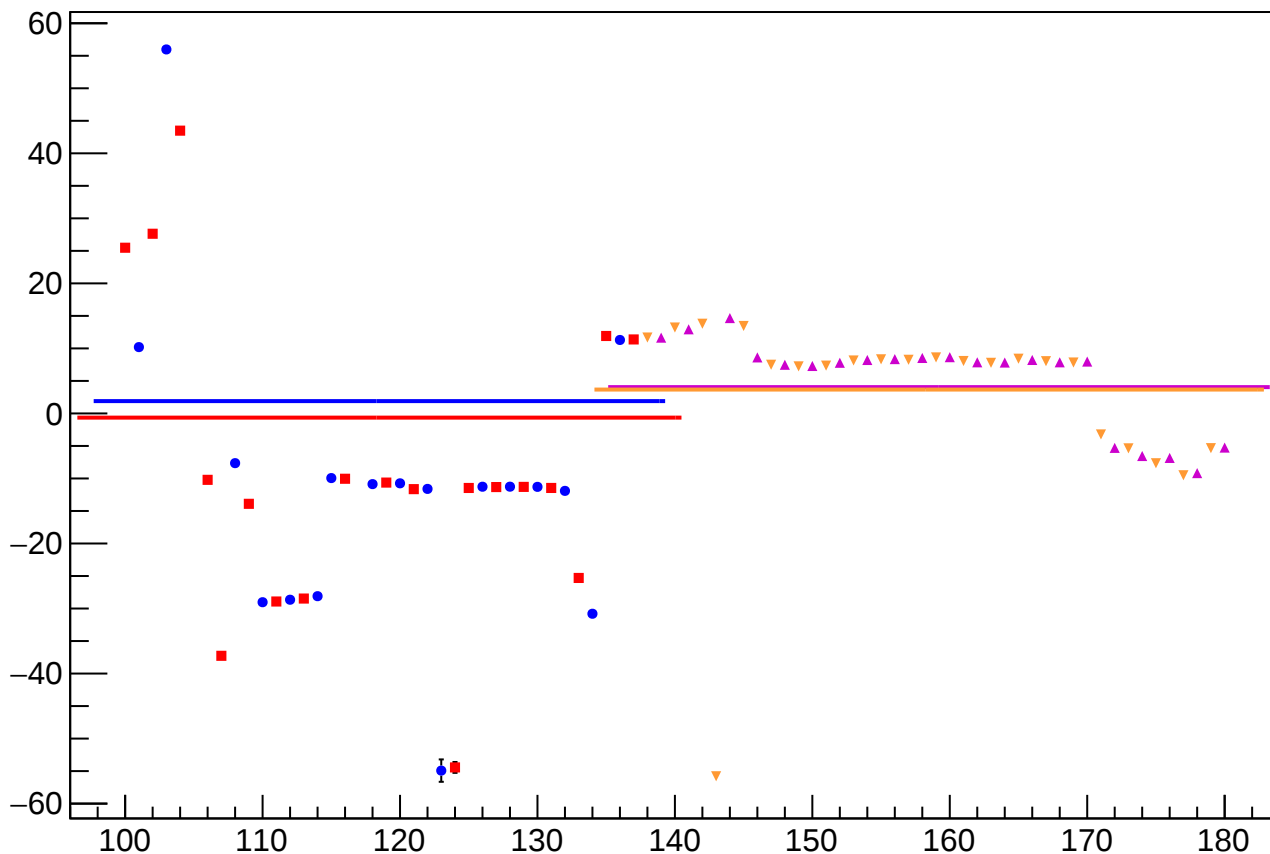
Right: 11.772+/-0.468 χ^2/NDF : 1017.2/35

In: 3.328+/-0.248 χ^2/NDF :1701.3/37

Out: 3.188+/-0.250 χ^2/NDF :1978.1/40

All: 3.259+/-0.176 χ^2/NDF : 3679.6/78

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: 3.671 $\pm$ 0.012 χ^2 /NDF:543225.4/21

Right Out: -0.644 $\pm$ 0.037 χ^2 /NDF: 361626.2/18

Left In: 4.047 $\pm$ 0.012 χ^2 /NDF:360404.2/20

Left: 3.864 $\pm$ 0.009 χ^2 /NDF: 904097.4/42

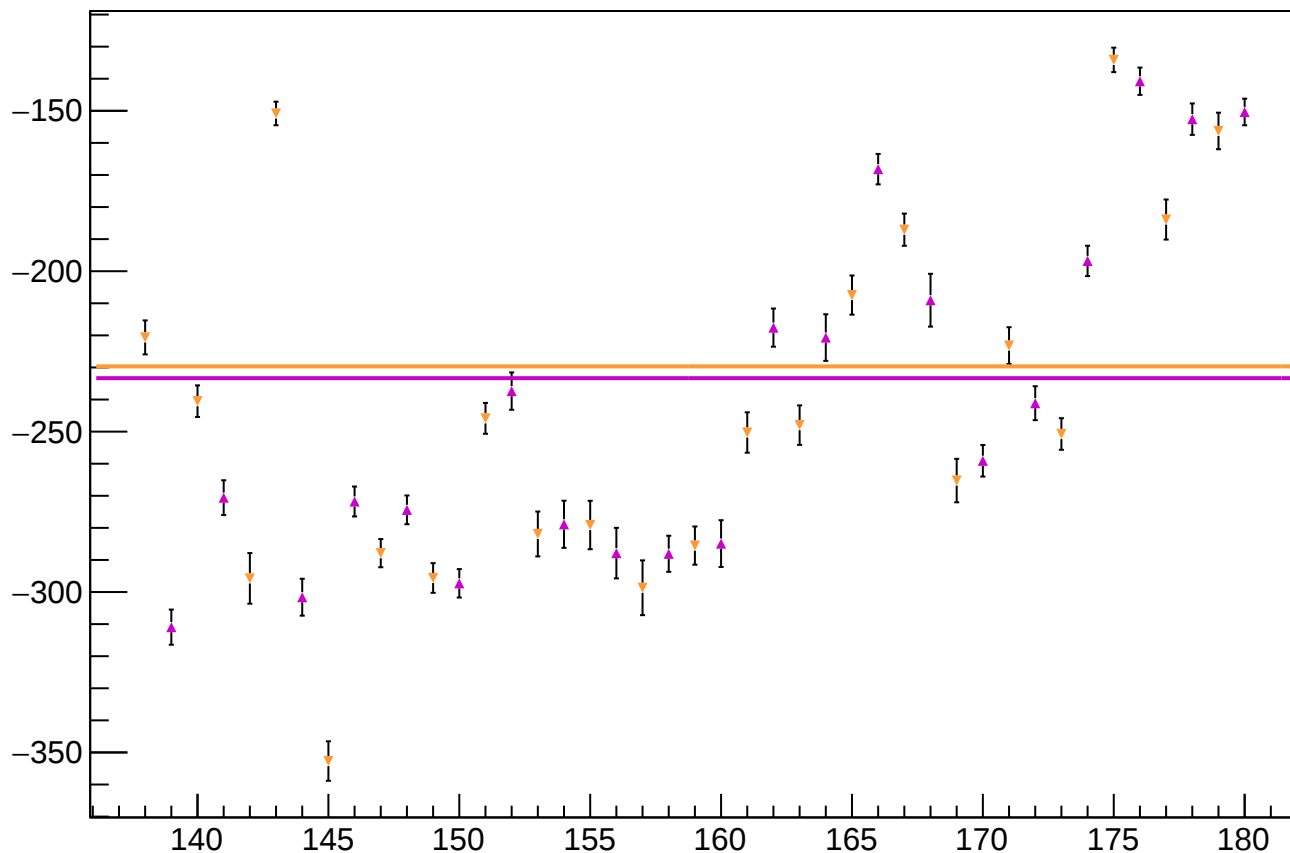
Right: 0.626 $\pm$ 0.026 χ^2 /NDF: 722831.9/35

In: 3.839 $\pm$ 0.012 χ^2 /NDF:722305.5/37

Out: 3.234 $\pm$ 0.012 χ^2 /NDF:917041.6/40

All: 3.544 $\pm$ 0.008 χ^2 /NDF: 1640695.6/78

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -229.666 ± 1.153 χ^2/NDF : 2580.2/21

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -233.340 ± 1.161 χ^2/NDF : 2421.8/20

Left: -231.491 ± 0.818 χ^2/NDF : 5007.0/42

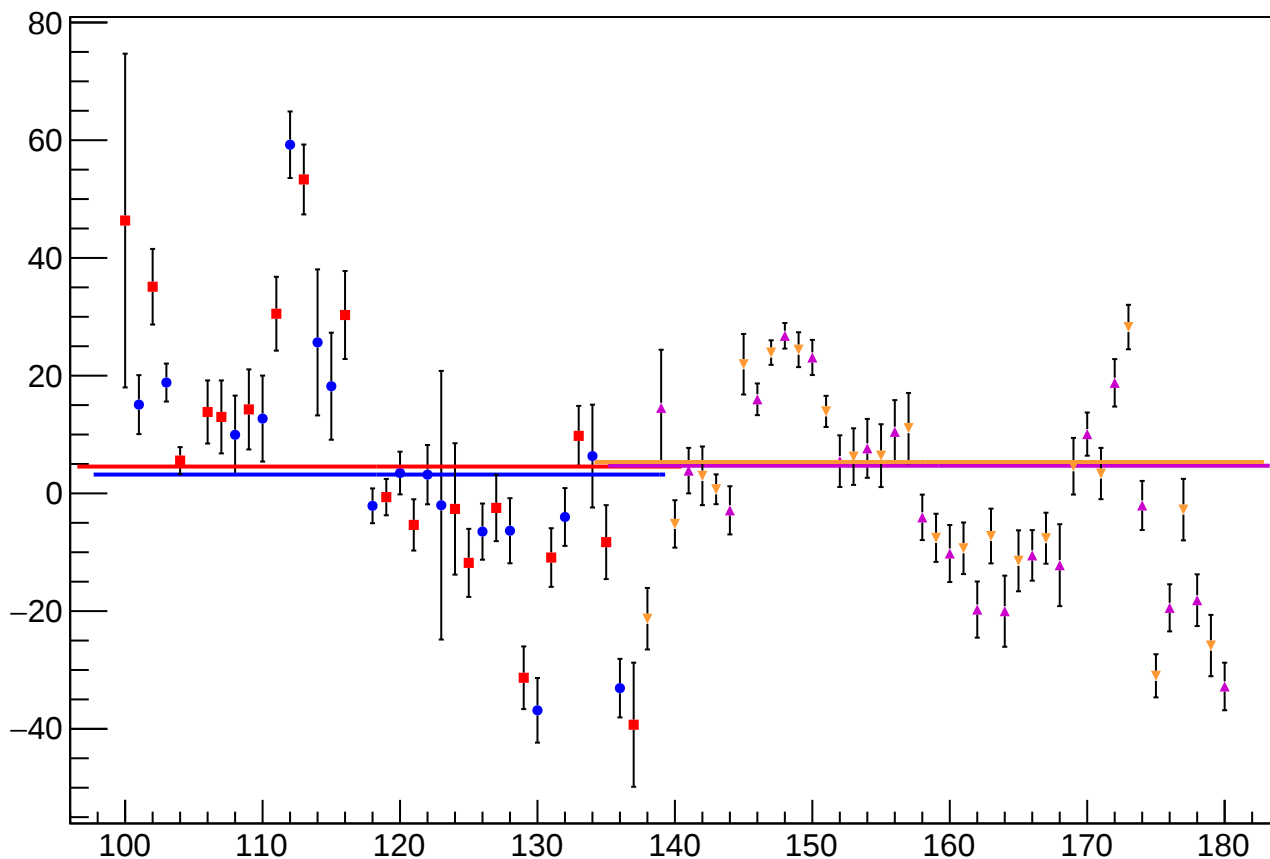
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -233.340 ± 1.161 χ^2/NDF : 2421.8/20

Out: -229.666 ± 1.153 χ^2/NDF : 2580.2/21

All: -231.491 ± 0.818 χ^2/NDF : 5007.0/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 5.340 ± 0.819 χ^2/NDF : 401.2/21

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 4.699 ± 0.861 χ^2/NDF : 407.4/20

Left: 5.035 ± 0.593 χ^2/NDF : 808.9/42

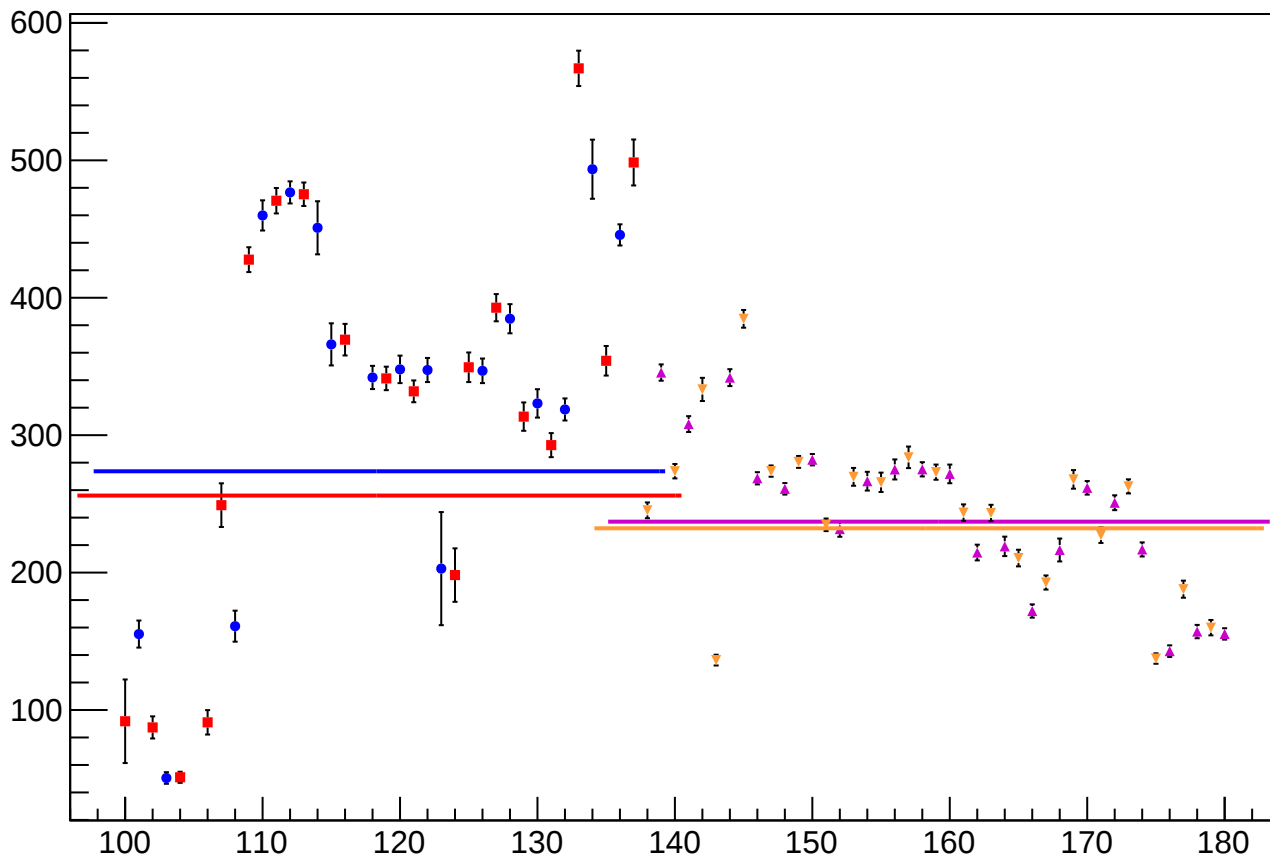
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 4.205 ± 0.705 χ^2/NDF : 663.6/37

Out: 5.079 ± 0.669 χ^2/NDF : 625.4/40

All: 4.665 ± 0.485 χ^2/NDF : 1289.8/78

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: 232.231 $\pm$ 1.146 χ^2 /NDF:2730.0/21

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 237.057 $\pm$ 1.147 χ^2 /NDF:2522.9/20

Left: 234.642 $\pm$ 0.811 χ^2 /NDF: 5261.8/42

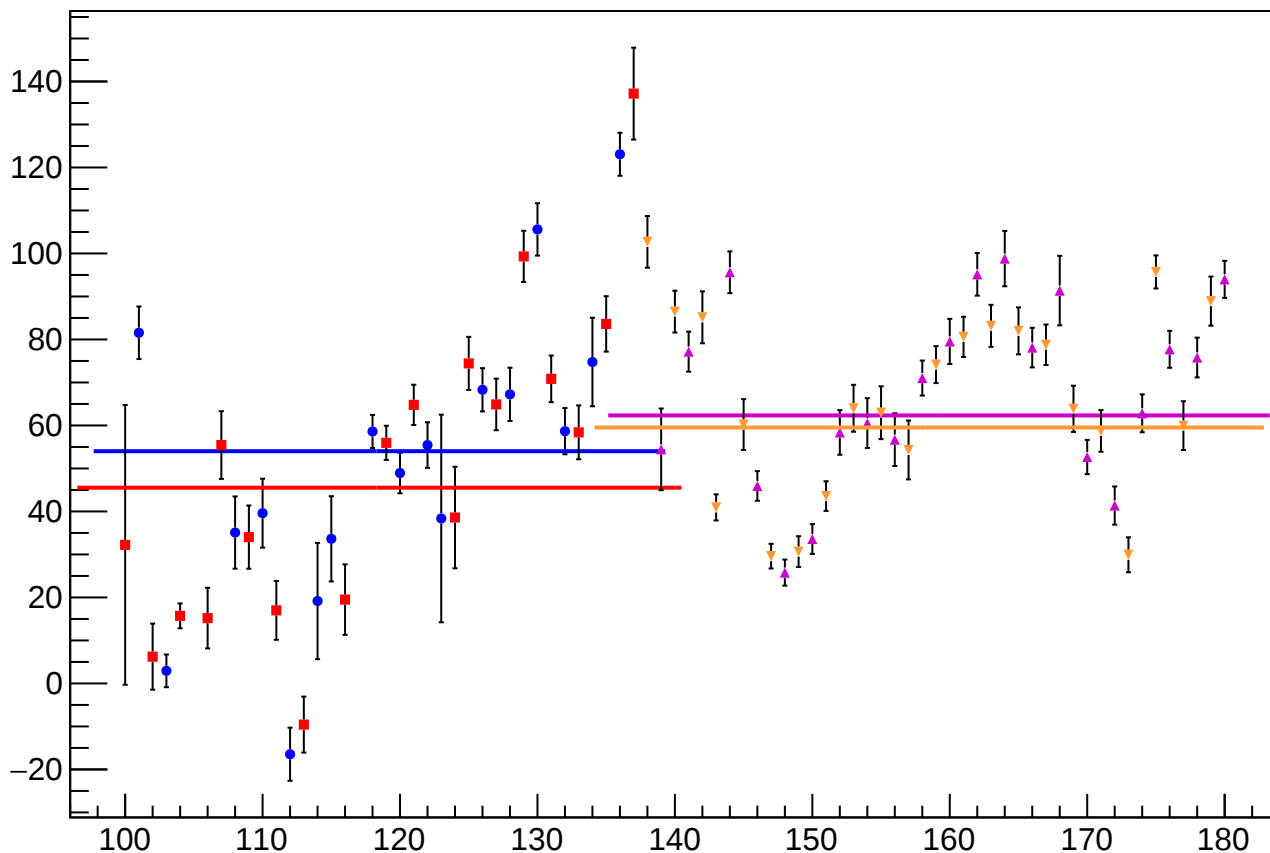
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 244.923 $\pm$ 1.017 χ^2 /NDF:7845.4/37

Out: 237.785 $\pm$ 1.004 χ^2 /NDF:9271.8/40

All: 241.309 $\pm$ 0.714 χ^2 /NDF: 17142.1/78

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: 59.525 $\pm$ 0.959 χ^2 /NDF: 592.1/21

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 62.332 $\pm$ 0.993 χ^2 /NDF: 515.1/20

Left: 60.879 $\pm$ 0.690 χ^2 /NDF: 1111.3/42

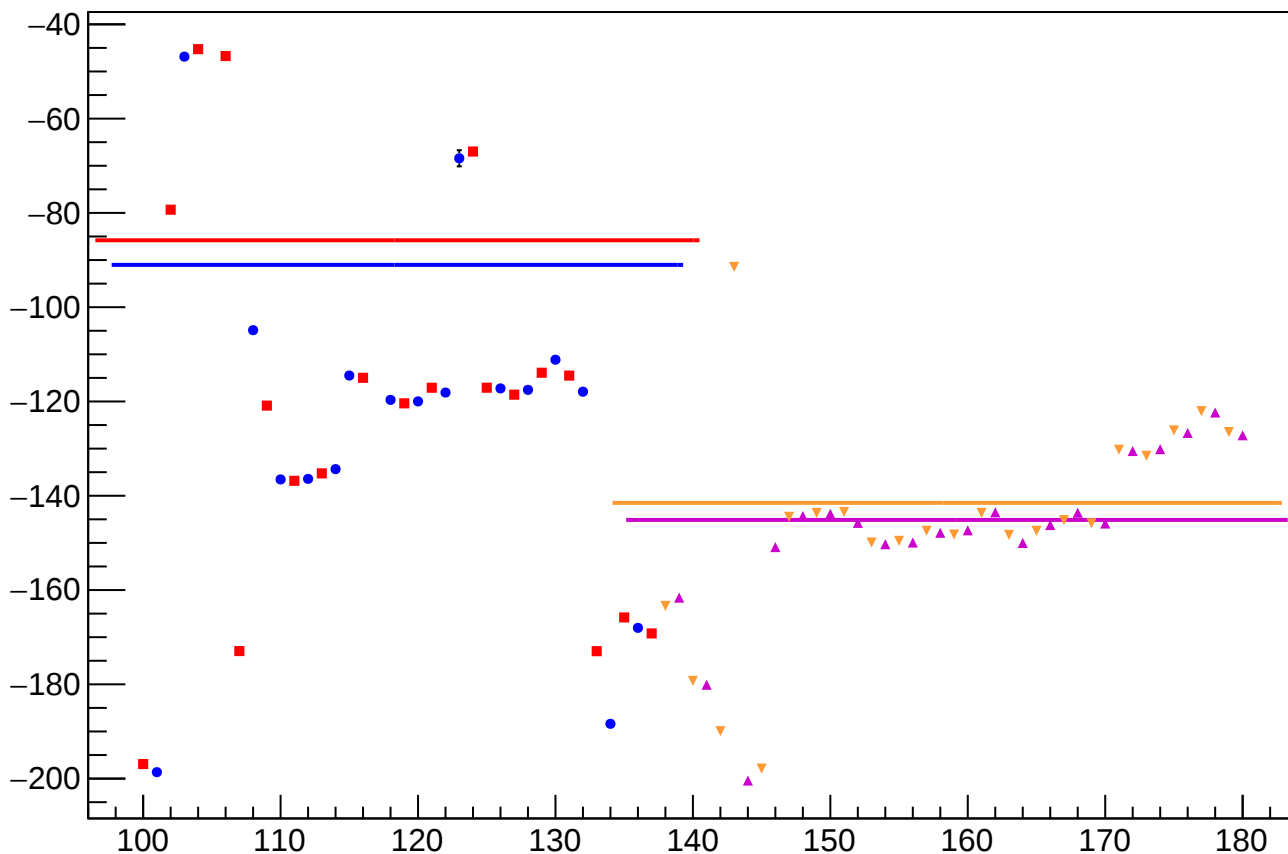
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 59.607 $\pm$ 0.815 χ^2 /NDF: 1170.9/37

Out: 54.864 $\pm$ 0.783 χ^2 /NDF: 1189.8/40

All: 57.142 $\pm$ 0.565 χ^2 /NDF: 2378.3/78

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: -141.508 ± 0.046 $\chi^2/\text{NDF}: 235231.1/21$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -145.125 ± 0.047 $\chi^2/\text{NDF}: 112295.6/20$

Left: -143.309 ± 0.033 $\chi^2/\text{NDF}: 350551.7/42$

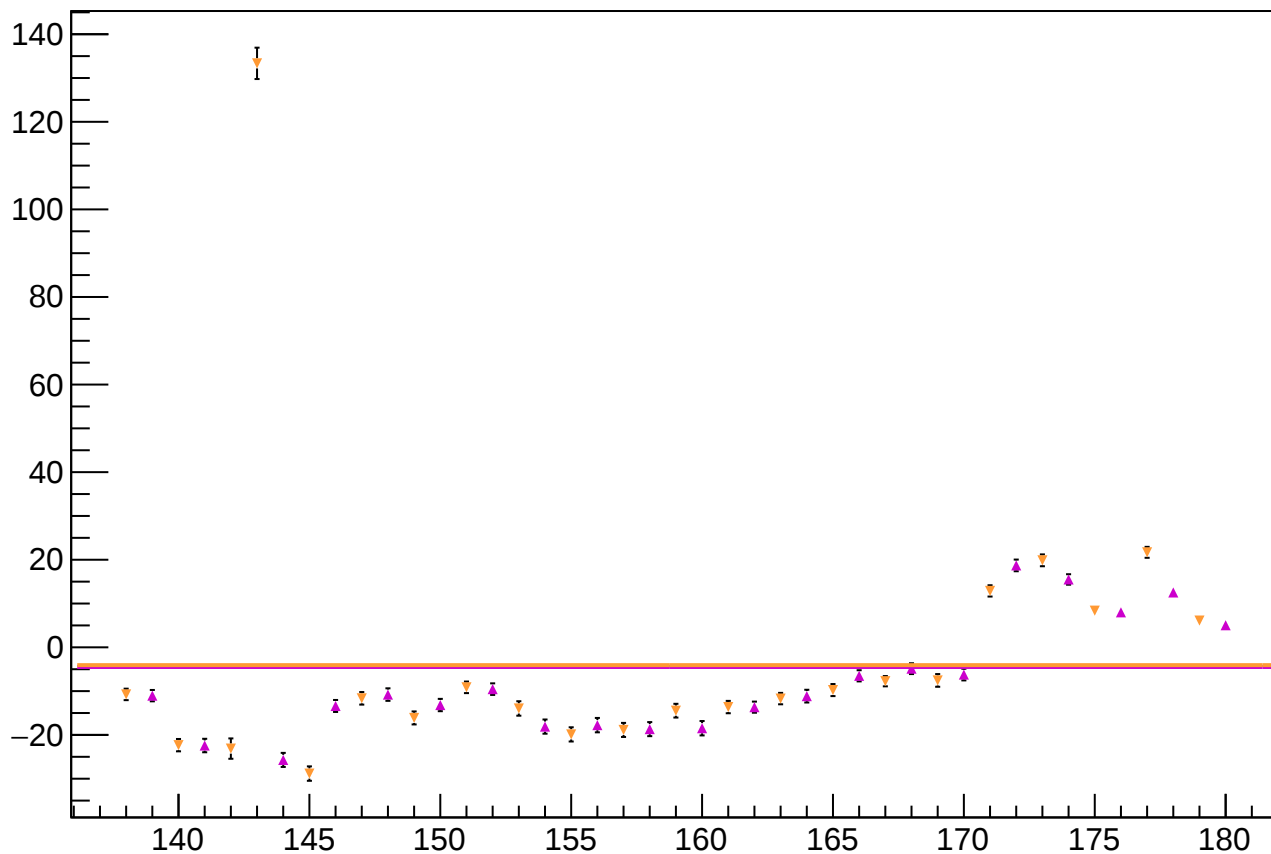
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -127.694 ± 0.038 $\chi^2/\text{NDF}: 1080974.1/37$

Out: -122.708 ± 0.038 $\chi^2/\text{NDF}: 1217200.6/40$

All: -125.162 ± 0.027 $\chi^2/\text{NDF}: 2306752.0/78$

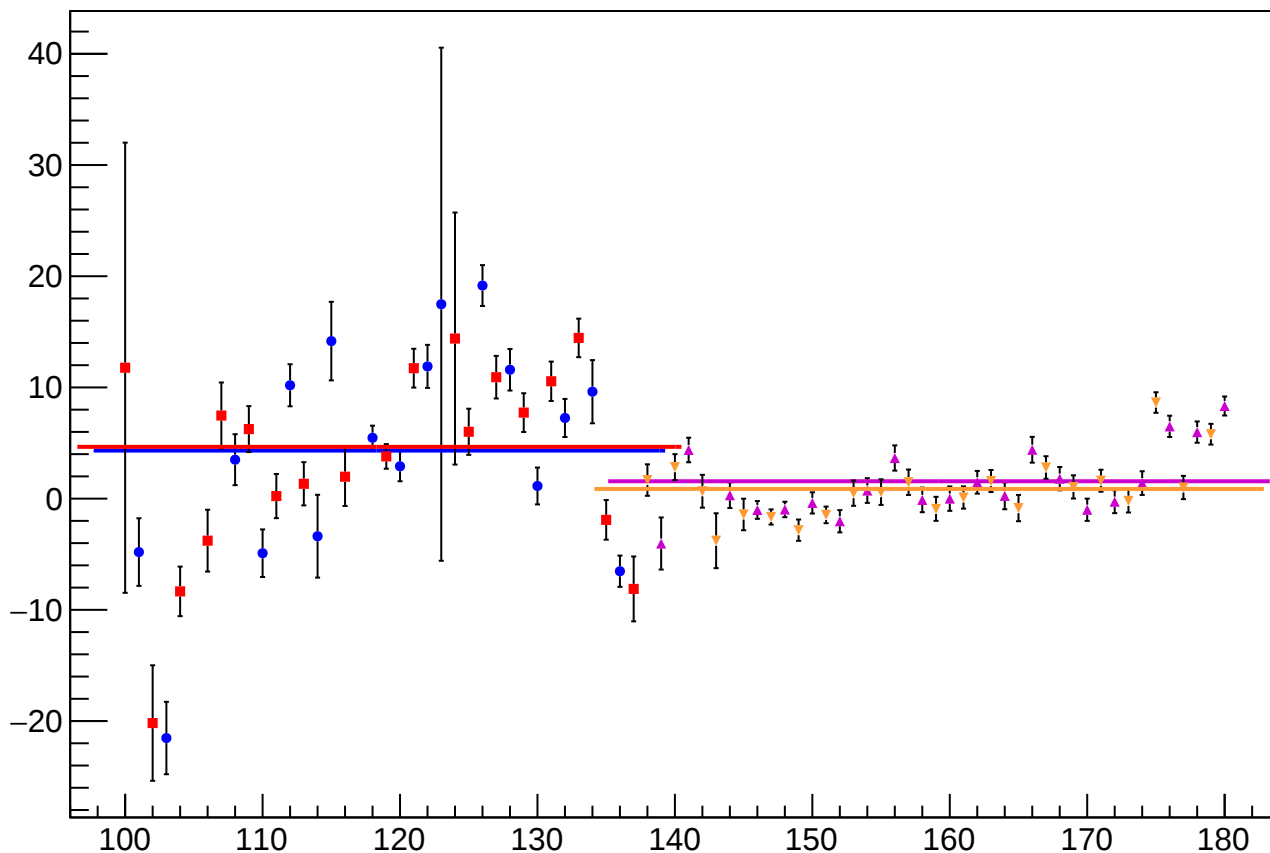
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.070+/-0.296 χ^2/NDF : 3617.9/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.486+/-0.284 χ^2/NDF : 1924.9/20

Left: -4.286+/-0.205 χ^2/NDF : 5543.8/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.486+/-0.284 χ^2/NDF : 1924.9/20
 Out: -4.070+/-0.296 χ^2/NDF : 3617.9/21
 All: -4.286+/-0.205 χ^2/NDF : 5543.8/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: 0.874 $\pm$ 0.222 χ^2 /NDF:158.0/21

Right Out: 4.657 $\pm$ 0.474 χ^2 /NDF: 184.5/18

Left In: 1.563 $\pm$ 0.221 χ^2 /NDF:190.0/20

Left: 1.219 $\pm$ 0.157 χ^2 /NDF: 352.9/42

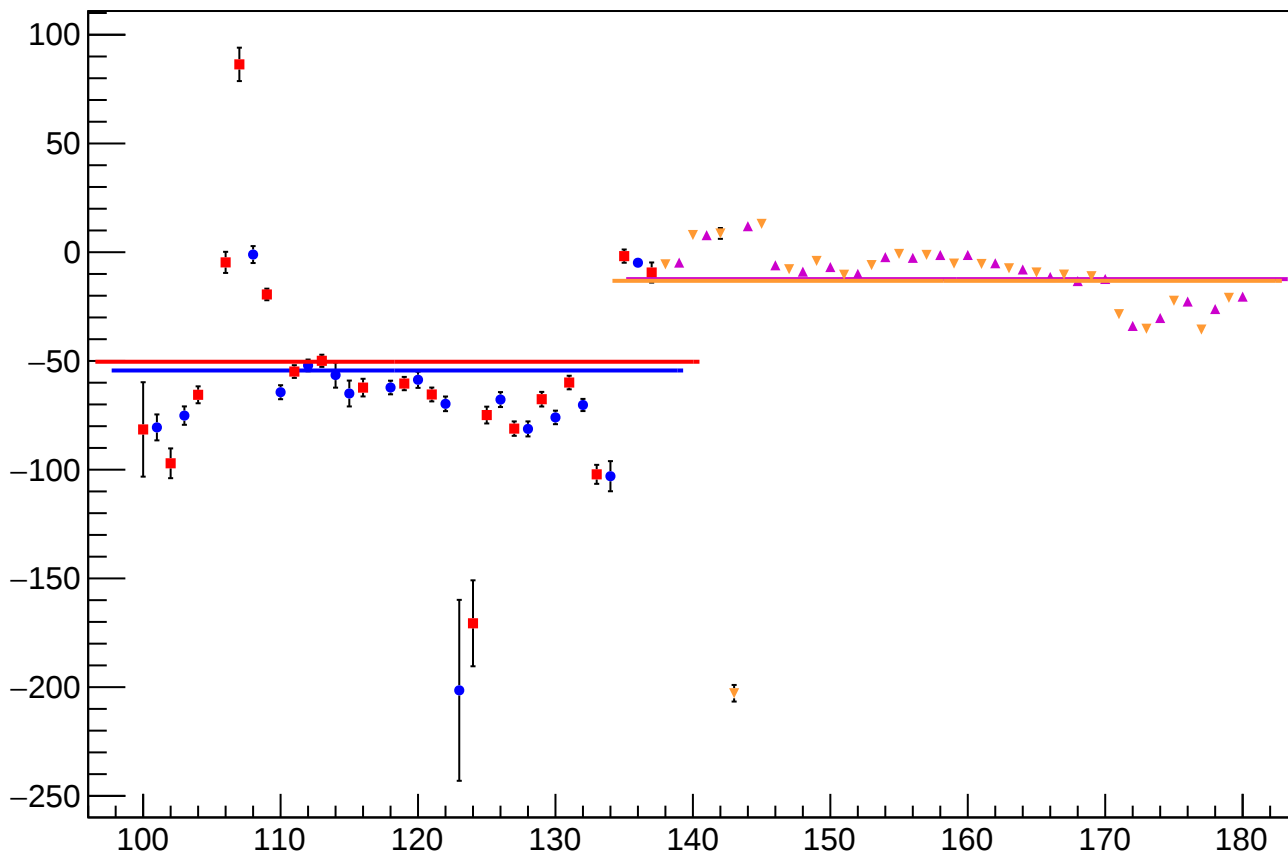
Right: 4.486 $\pm$ 0.332 χ^2 /NDF: 465.1/35

In: 2.072 $\pm$ 0.200 χ^2 /NDF:499.0/37

Out: 1.554 $\pm$ 0.201 χ^2 /NDF:394.8/40

All: 1.814 $\pm$ 0.142 χ^2 /NDF: 897.2/78

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: -13.155 ± 0.292 $\chi^2/\text{NDF}: 4177.0/21$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -12.372 ± 0.281 $\chi^2/\text{NDF}: 1477.5/20$

Left: -12.749 ± 0.203 $\chi^2/\text{NDF}: 5658.3/42$

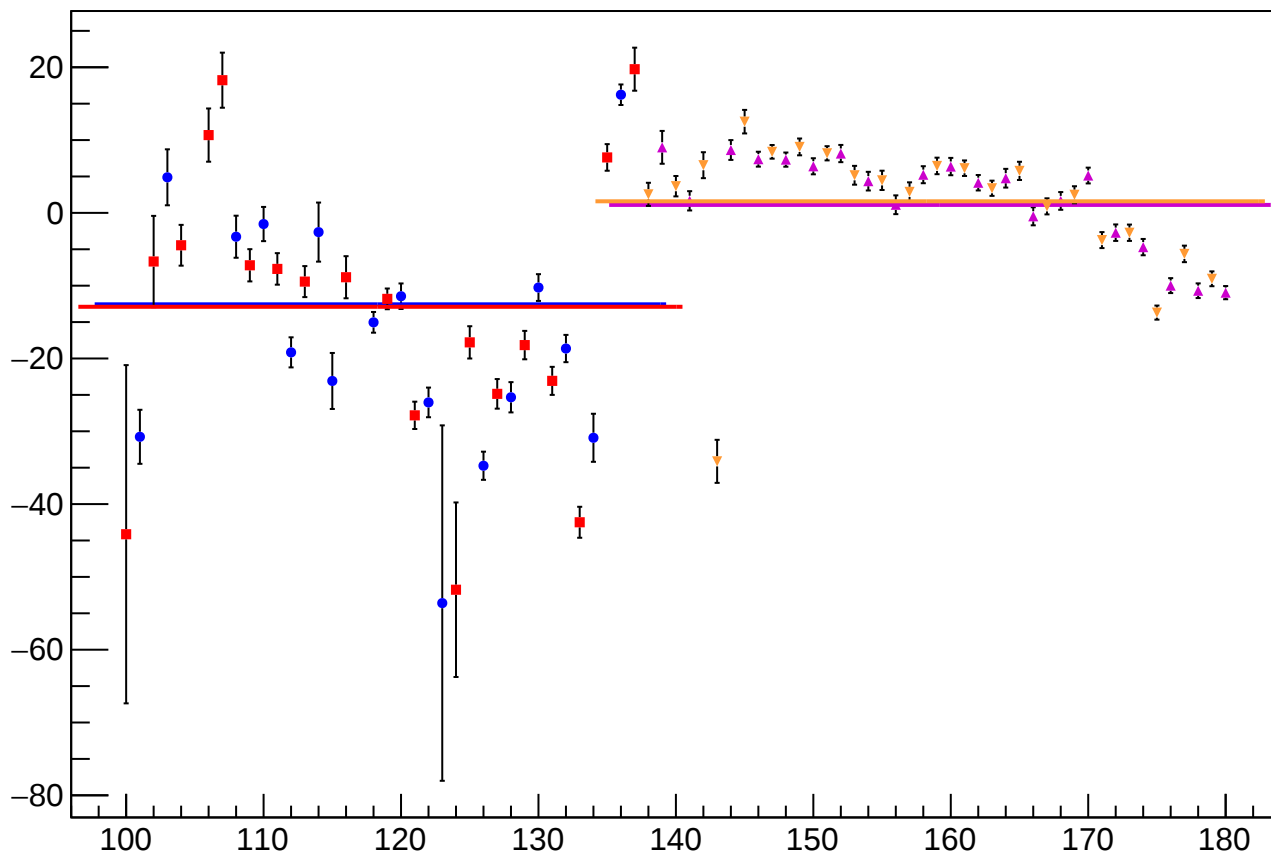
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -16.397 ± 0.268 $\chi^2/\text{NDF}: 4627.3/37$

Out: -17.027 ± 0.277 $\chi^2/\text{NDF}: 7184.9/40$

All: -16.701 ± 0.192 $\chi^2/\text{NDF}: 11814.9/78$

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: 1.589 ± 0.253 χ^2/NDF : 844.9/21

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 1.093 ± 0.251 χ^2/NDF : 719.0/20

Left: 1.339 ± 0.178 χ^2/NDF : 1565.8/42

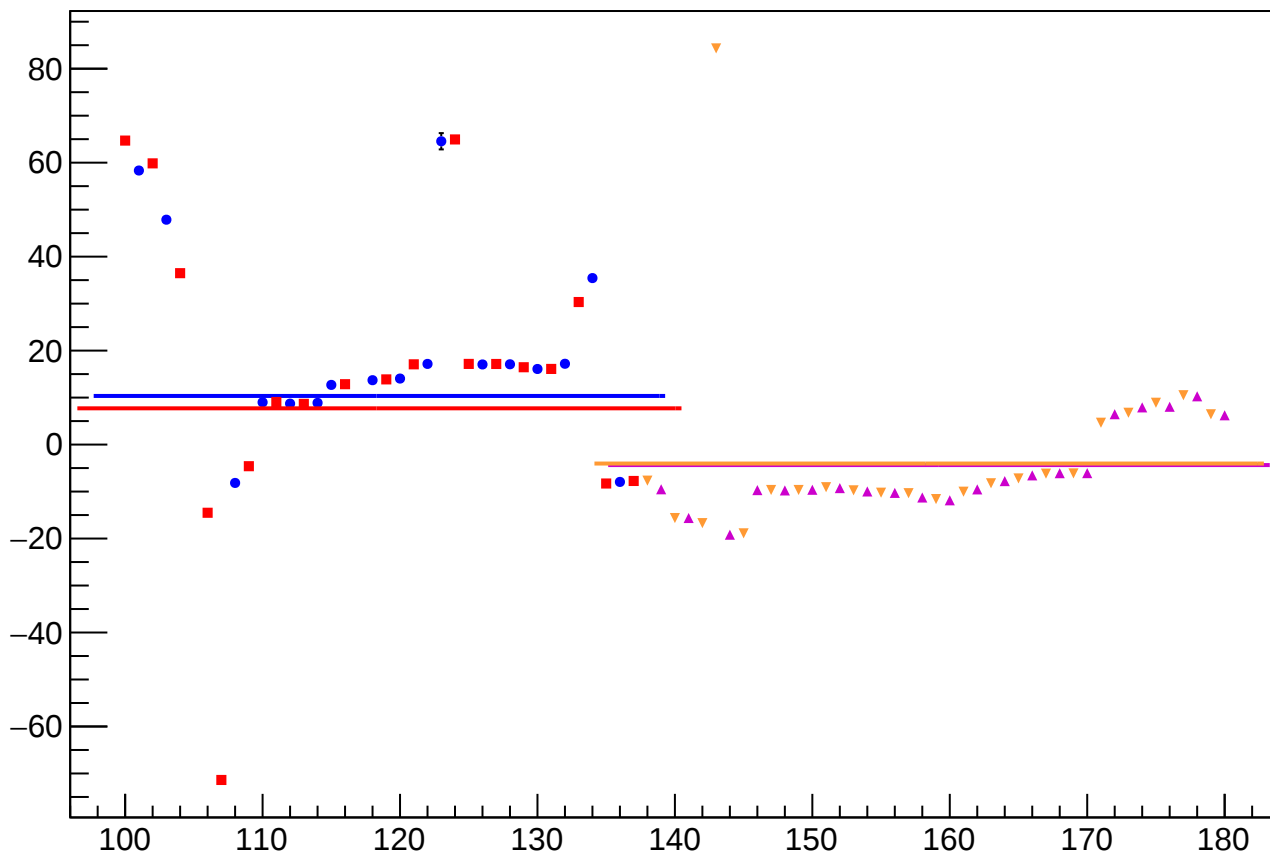
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -1.394 ± 0.227 χ^2/NDF : 2038.4/37

Out: -1.036 ± 0.229 χ^2/NDF : 2166.7/40

All: -1.217 ± 0.161 χ^2/NDF : 4206.3/78

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -4.036+/-0.012 χ^2/NDF : 847466.4/21

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -4.363+/-0.011 χ^2/NDF : 541177.9/20

Left: -4.204+/-0.008 χ^2/NDF : 1389048.3/42

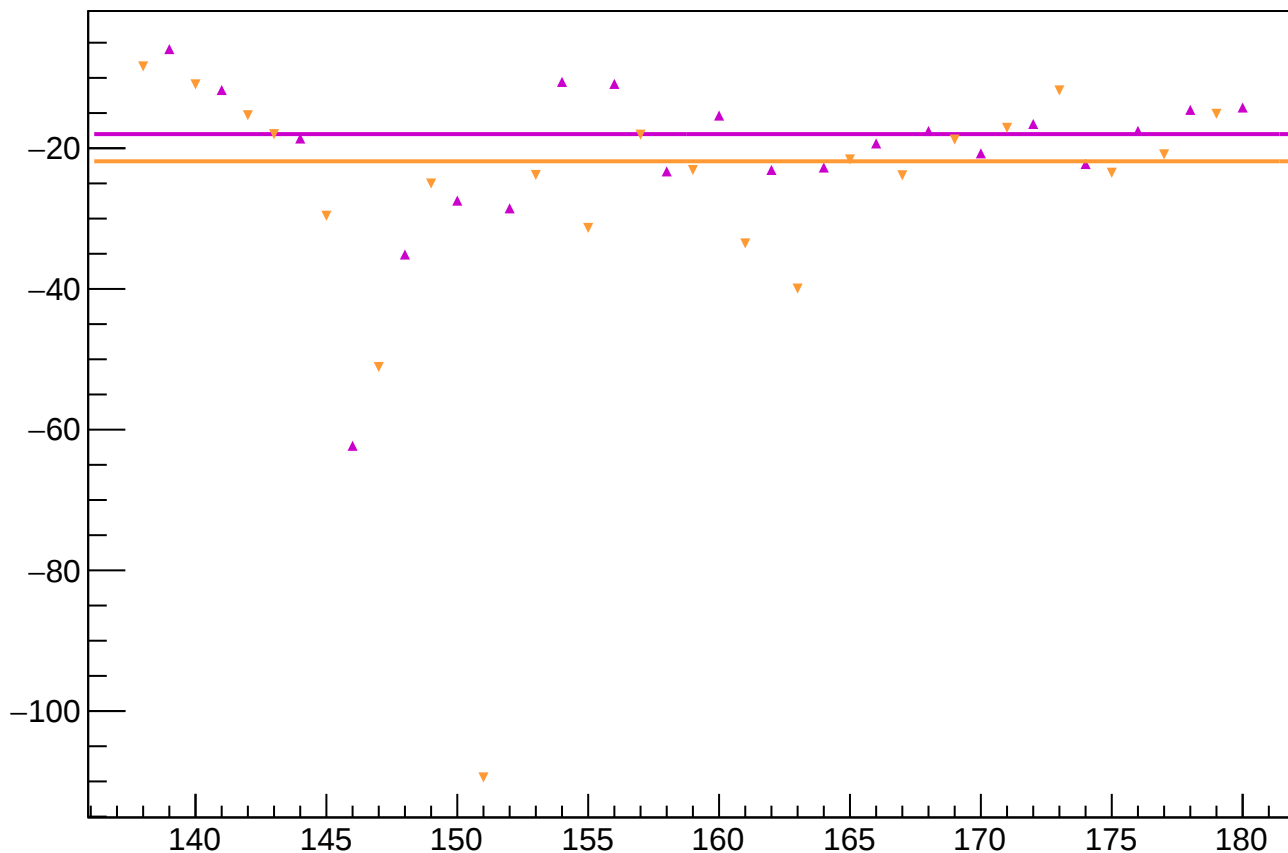
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -2.584+/-0.011 χ^2/NDF : 1125557.6/37

Out: -2.602+/-0.011 χ^2/NDF : 1516540.1/40

All: -2.593+/-0.008 χ^2/NDF : 2642099.1/78

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: -21.856 $\pm$ 0.046 χ^2 /NDF:65160.9/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -17.992 $\pm$ 0.041 χ^2 /NDF:40284.7/20

Left: -19.696 $\pm$ 0.031 χ^2 /NDF: 109345.8/42

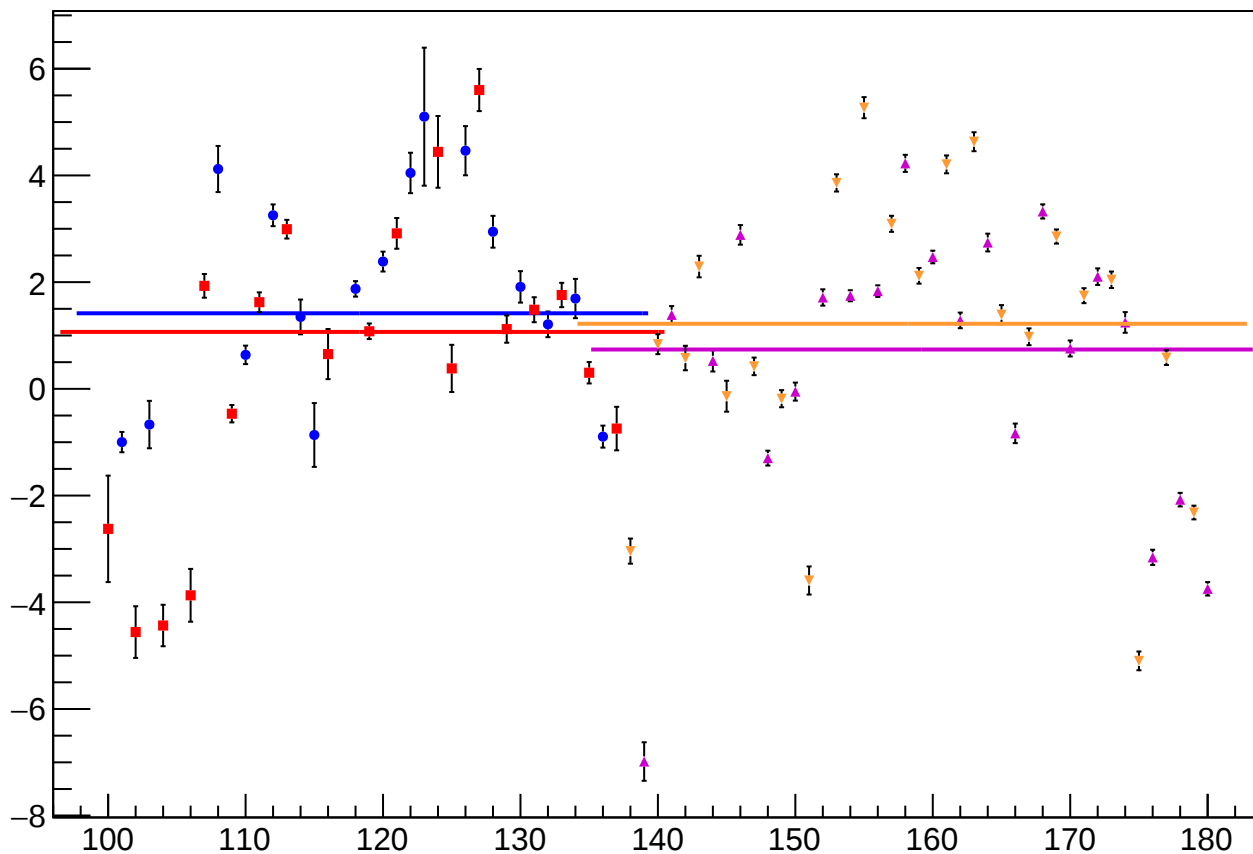
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -17.992 $\pm$ 0.041 χ^2 /NDF:40284.7/20

Out: -21.856 $\pm$ 0.046 χ^2 /NDF:65160.9/21

All: -19.696 $\pm$ 0.031 χ^2 /NDF: 109345.8/42

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.219 ± 0.036 χ^2/NDF : 4652.9/21

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 0.738 ± 0.032 χ^2/NDF : 4962.5/20

Left: 0.952 ± 0.024 χ^2/NDF : 9715.9/42

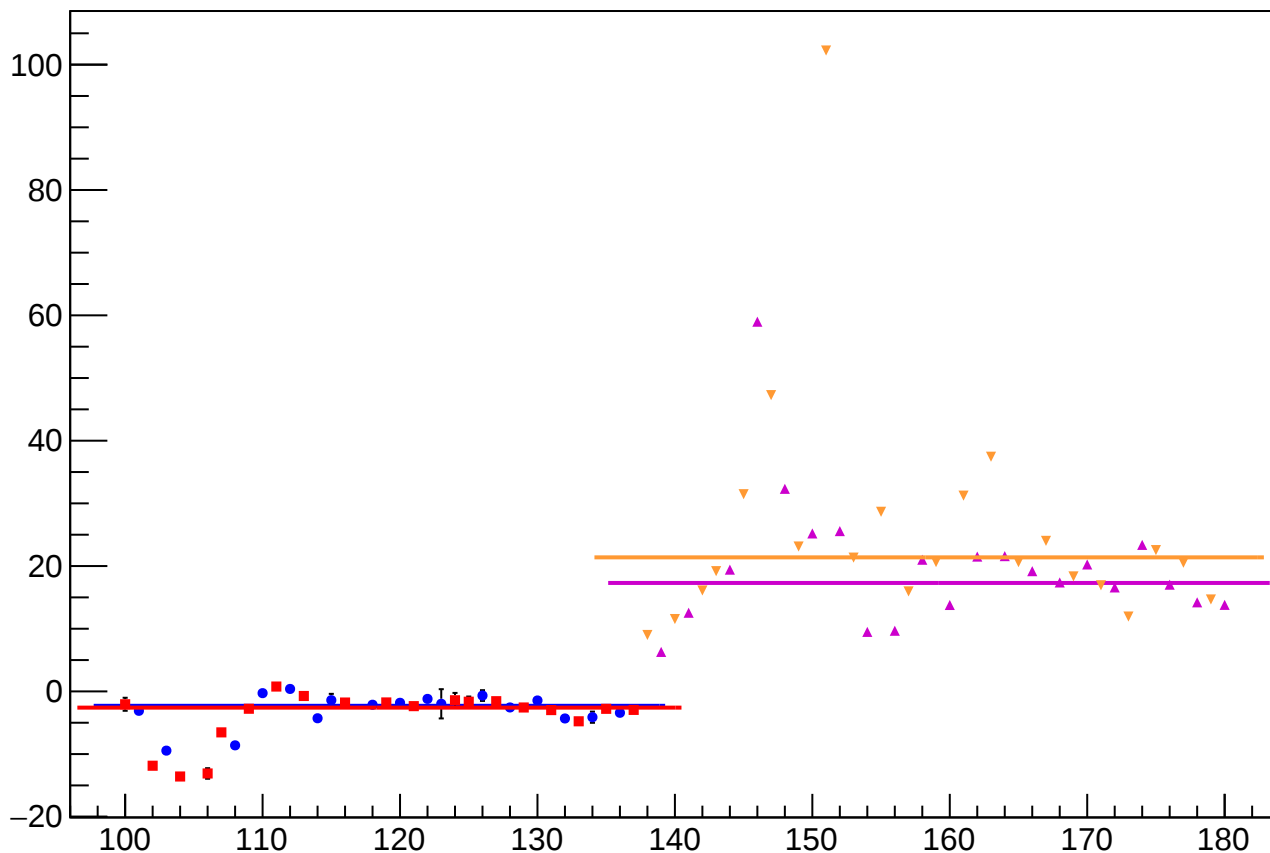
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 0.884 ± 0.028 χ^2/NDF : 5690.1/37

Out: 1.177 ± 0.030 χ^2/NDF : 5587.8/40

All: 1.020 ± 0.021 χ^2/NDF : 11327.6/78

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: 21.386 ± 0.046 χ^2/NDF : 58390.0/21

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.304 ± 0.040 χ^2/NDF : 38021.4/20

Left: 19.086 ± 0.030 χ^2/NDF : 100880.2/42

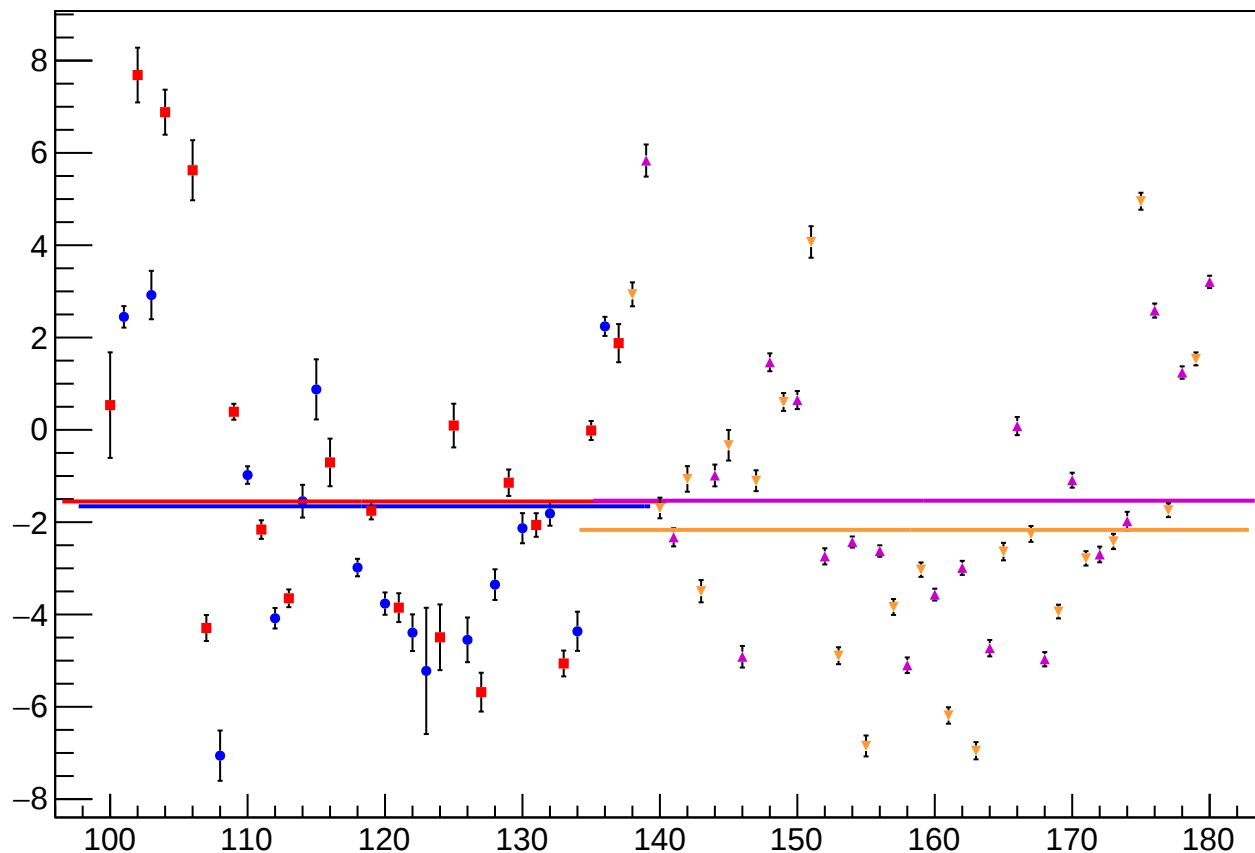
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 15.009 ± 0.038 χ^2/NDF : 66079.7/37

Out: 17.141 ± 0.042 χ^2/NDF : 107718.4/40

All: 15.977 ± 0.028 χ^2/NDF : 175233.4/78

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -2.167 ± 0.040 χ^2/NDF : 5332.4/21

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -1.535 ± 0.036 χ^2/NDF : 5365.1/20

Left: -1.815 ± 0.027 χ^2/NDF : 10835.7/42

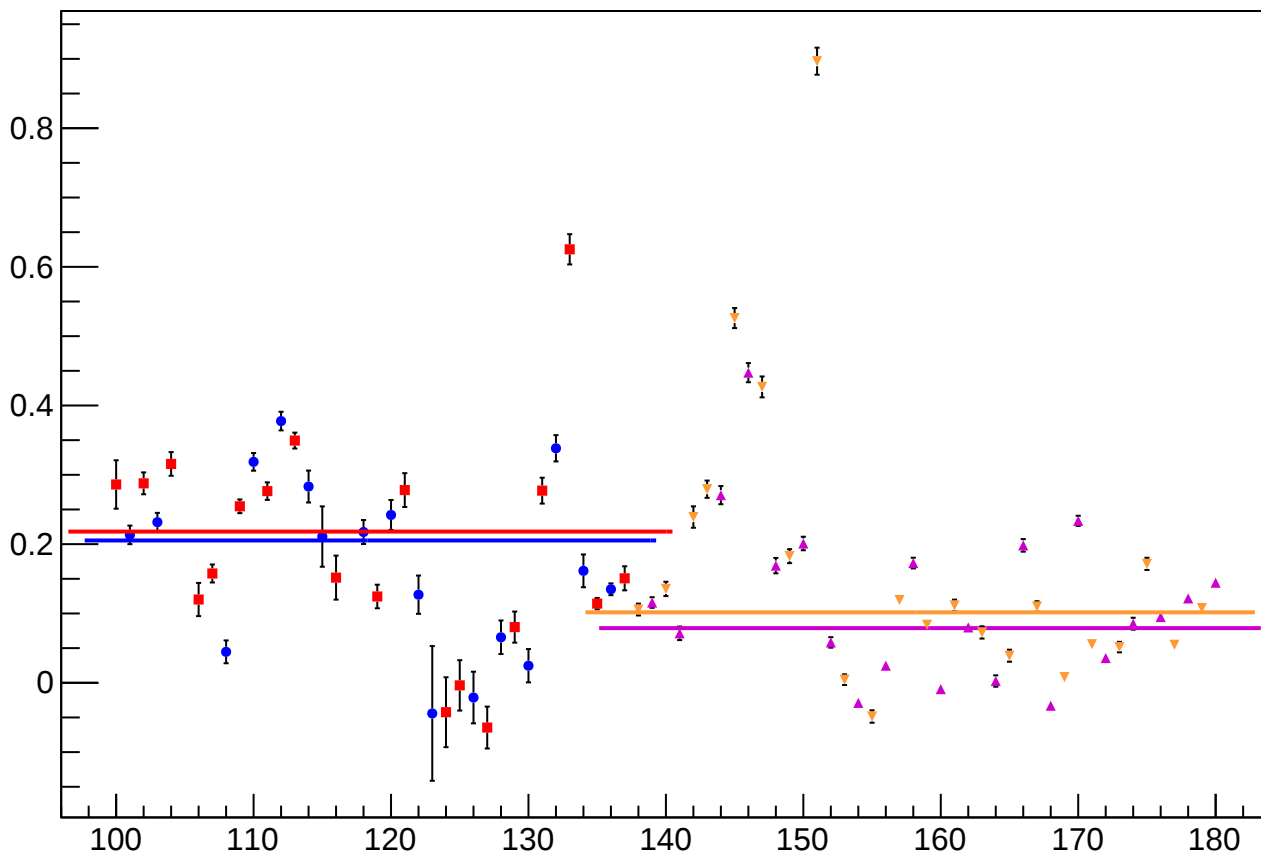
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.560 ± 0.032 χ^2/NDF : 6638.6/37

Out: -2.000 ± 0.034 χ^2/NDF : 6884.5/40

All: -1.764 ± 0.023 χ^2/NDF : 13611.5/78

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: 0.102 $\pm$ 0.002 χ^2 /NDF: 4265.5/21

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.079 $\pm$ 0.002 χ^2 /NDF: 3397.2/20

Left: 0.089 $\pm$ 0.001 χ^2 /NDF: 7753.9/42

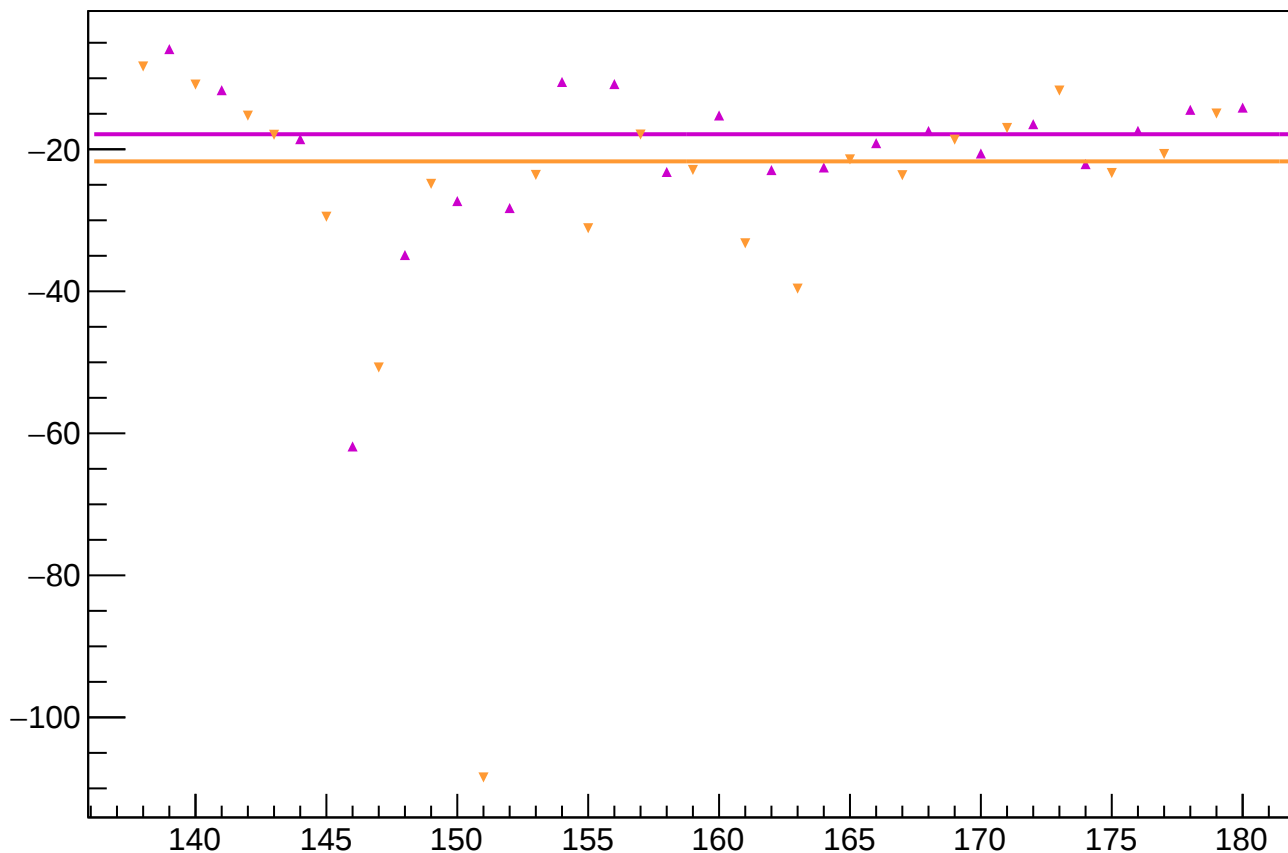
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.095 $\pm$ 0.001 χ^2 /NDF: 4833.4/37

Out: 0.124 $\pm$ 0.002 χ^2 /NDF: 6094.6/40

All: 0.108 $\pm$ 0.001 χ^2 /NDF: 11106.6/78

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: -21.704+/-0.046 χ^2/NDF : 65025.3/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.882+/-0.041 χ^2/NDF : 40205.6/20

Left: -19.568+/-0.031 χ^2/NDF : 109101.0/42

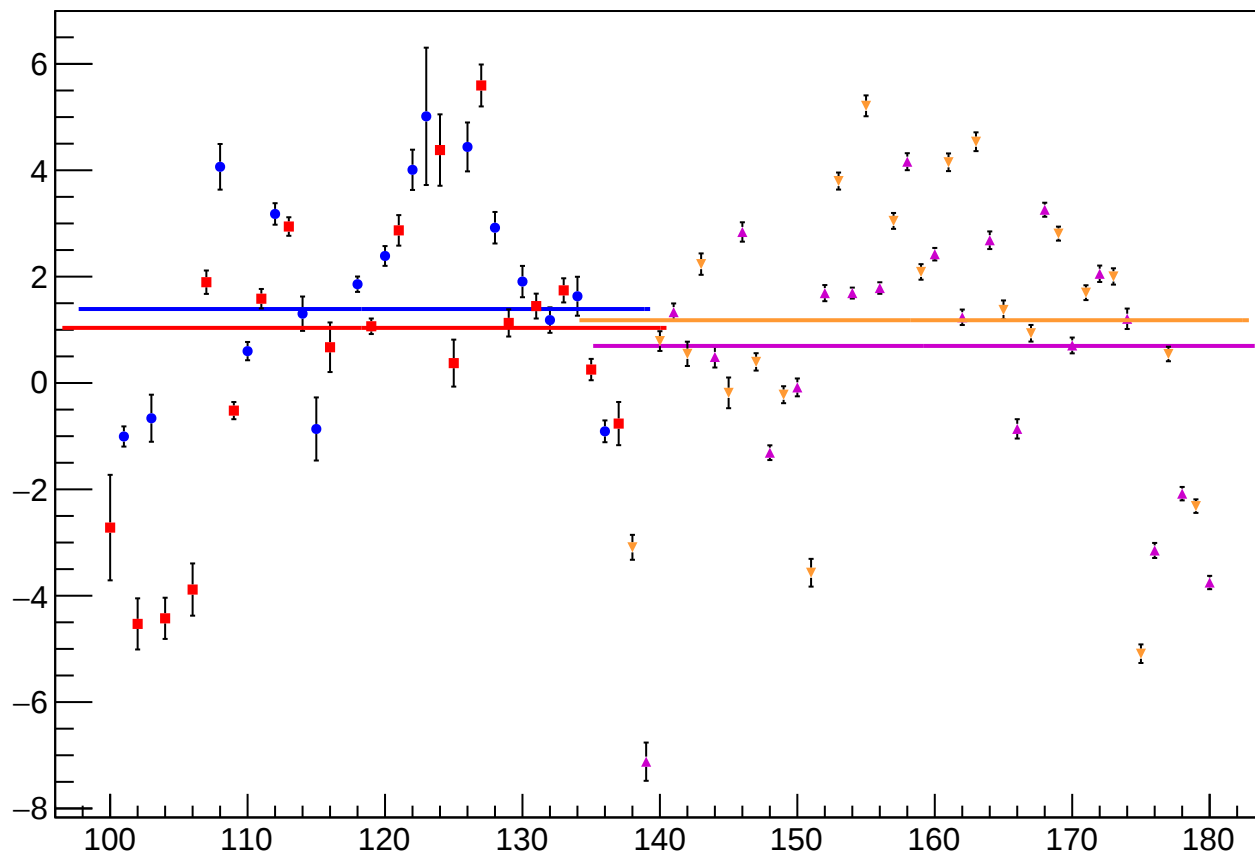
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.882+/-0.041 χ^2/NDF : 40205.6/20

Out: -21.704+/-0.046 χ^2/NDF : 65025.3/21

All: -19.568+/-0.031 χ^2/NDF : 109101.0/42

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.180 ± 0.036 χ^2/NDF : 4648.2/21

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 0.697 ± 0.032 χ^2/NDF : 4955.7/20

Left: 0.912 ± 0.024 χ^2/NDF : 9706.4/42

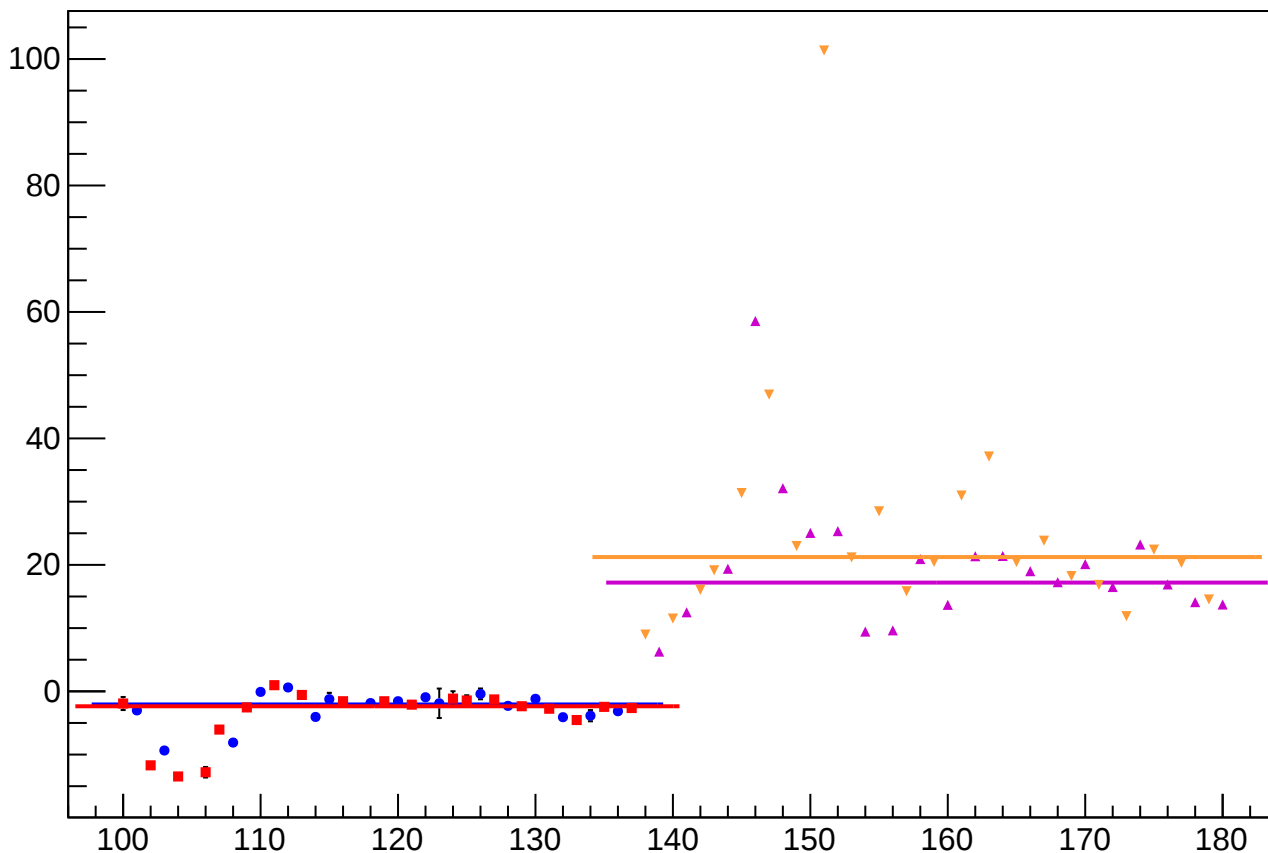
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 0.846 ± 0.028 χ^2/NDF : 5686.8/37

Out: 1.141 ± 0.030 χ^2/NDF : 5586.9/40

All: 0.983 ± 0.021 χ^2/NDF : 11324.3/78

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: 21.236 ± 0.046 χ^2/NDF : 58291.1/21

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.198 ± 0.040 χ^2/NDF : 37950.2/20

Left: 18.962 ± 0.030 χ^2/NDF : 100673.3/42

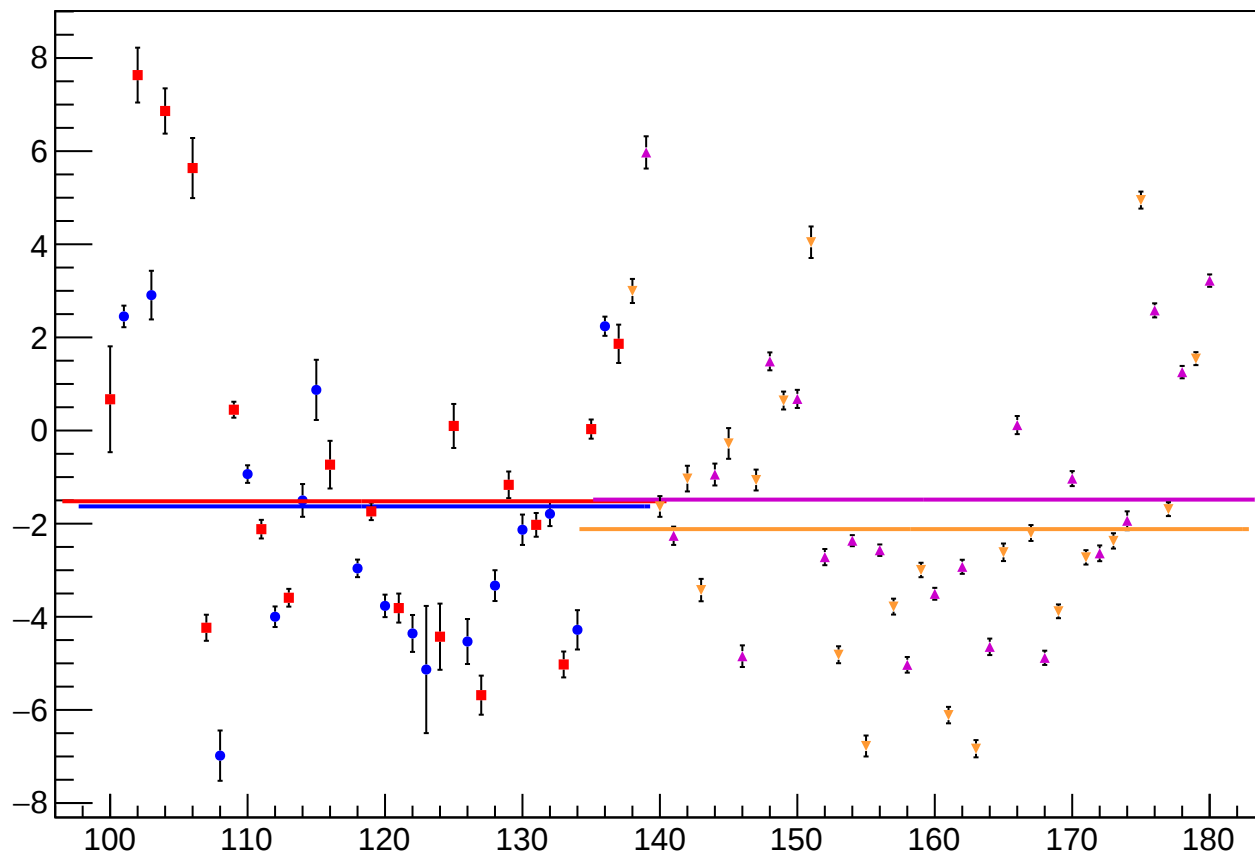
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 14.949 ± 0.038 χ^2/NDF : 65369.3/37

Out: 17.070 ± 0.041 χ^2/NDF : 106645.3/40

All: 15.912 ± 0.028 χ^2/NDF : 173454.6/78

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.117 ± 0.040 χ^2/NDF : 5326.3/21

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -1.483 ± 0.036 χ^2/NDF : 5357.3/20

Left: -1.765 ± 0.027 χ^2/NDF : 10824.5/42

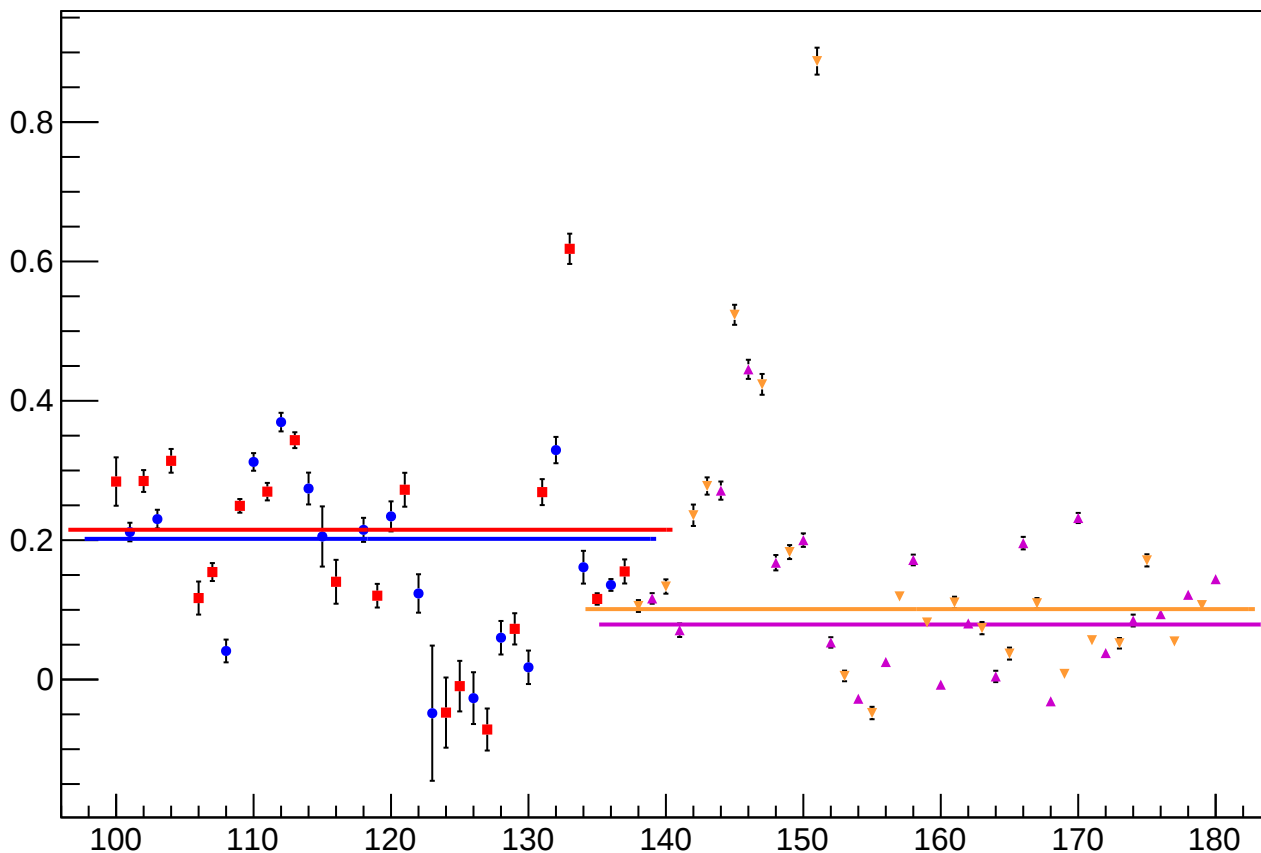
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.513 ± 0.032 χ^2/NDF : 6627.1/37

Out: -1.955 ± 0.034 χ^2/NDF : 6879.4/40

All: -1.719 ± 0.023 χ^2/NDF : 13596.8/78

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.101 ± 0.002 χ^2/NDF : 4257.7/21

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.079 ± 0.002 χ^2/NDF : 3369.8/20

Left: 0.089 ± 0.001 χ^2/NDF : 7714.5/42

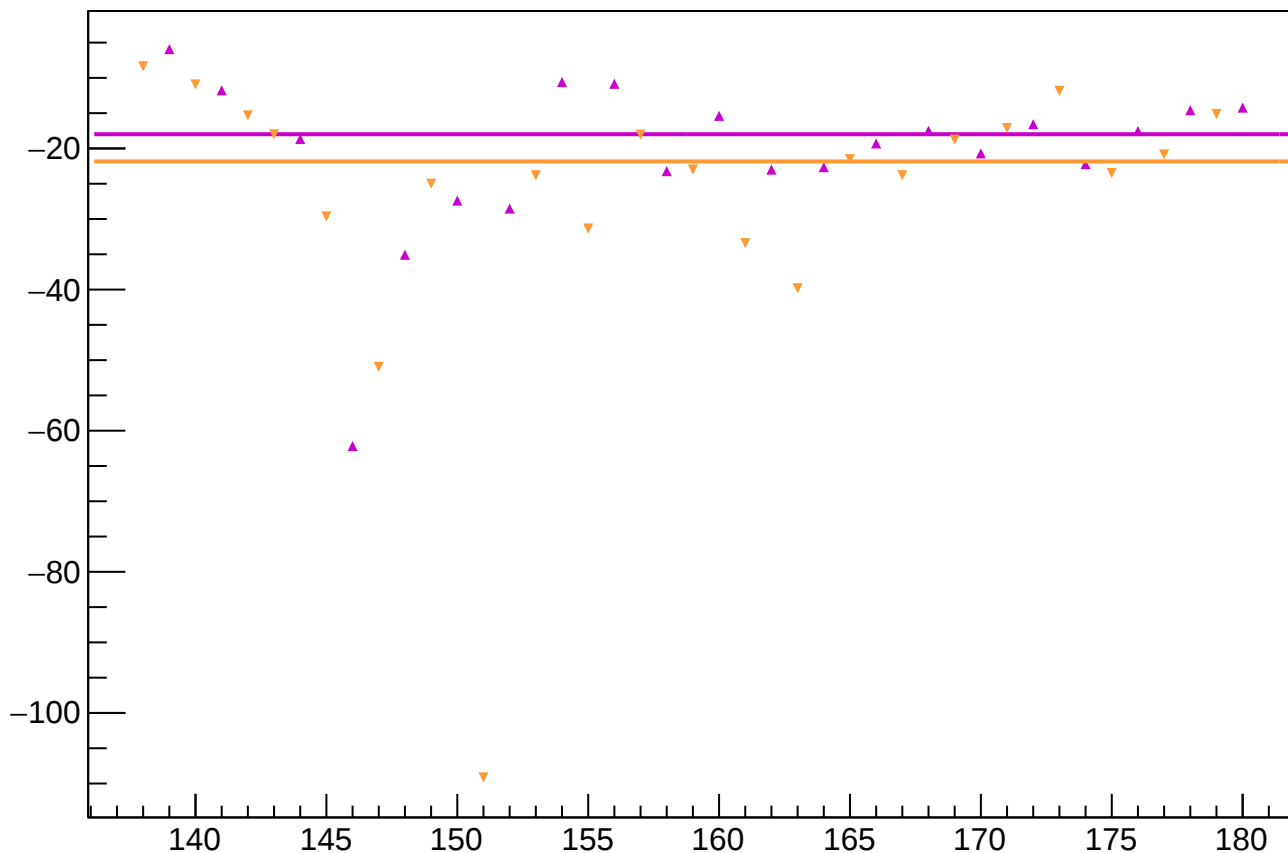
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.094 ± 0.001 χ^2/NDF : 4753.5/37

Out: 0.123 ± 0.002 χ^2/NDF : 6042.0/40

All: 0.107 ± 0.001 χ^2/NDF : 10967.2/78

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.841+/-0.046 χ^2/NDF :65077.0/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.982+/-0.041 χ^2/NDF :40239.0/20

Left: -19.683+/-0.031 χ^2/NDF : 109225.5/42

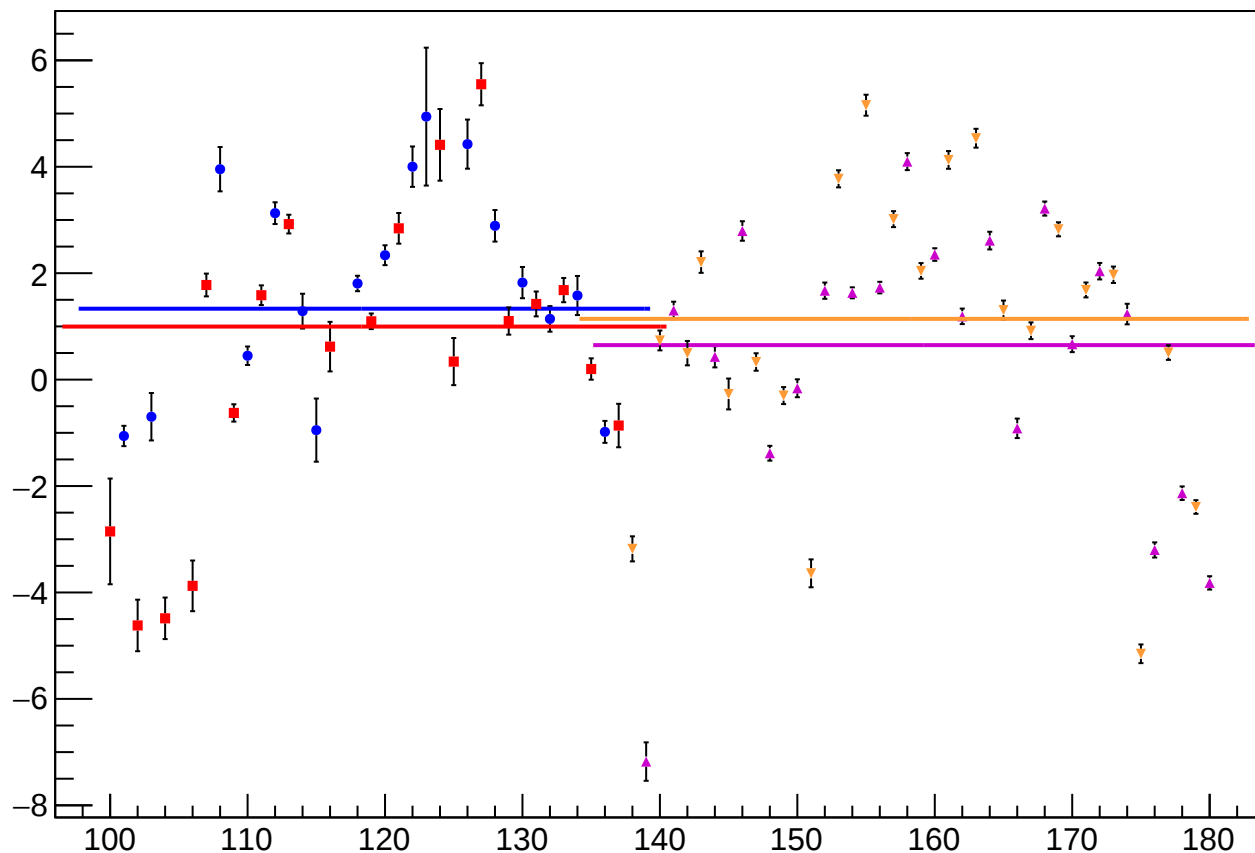
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.982+/-0.041 χ^2/NDF :40239.0/20

Out: -21.841+/-0.046 χ^2/NDF :65077.0/21

All: -19.683+/-0.031 χ^2/NDF : 109225.5/42

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.142 ± 0.036 χ^2/NDF : 4675.0/21

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.648 ± 0.032 χ^2/NDF : 4933.6/20

Left: 0.868 ± 0.024 χ^2/NDF : 9714.5/42

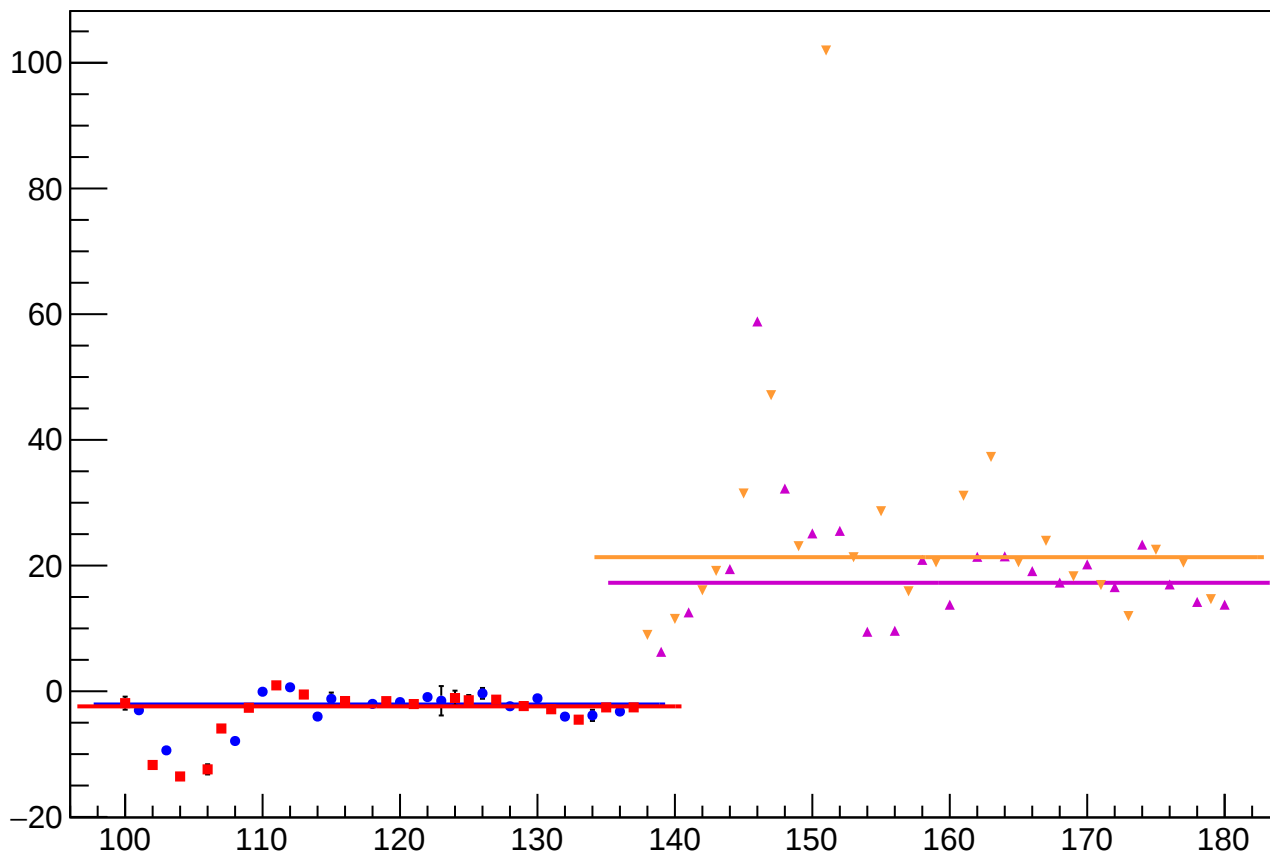
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 0.795 ± 0.028 χ^2/NDF : 5666.5/37

Out: 1.102 ± 0.030 χ^2/NDF : 5624.9/40

All: 0.938 ± 0.021 χ^2/NDF : 11345.7/78

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: 21.337 ± 0.046 χ^2/NDF : 58331.5/21

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 17.260 ± 0.040 χ^2/NDF : 38001.7/20

Left: 19.040 ± 0.030 χ^2/NDF : 100811.1/42

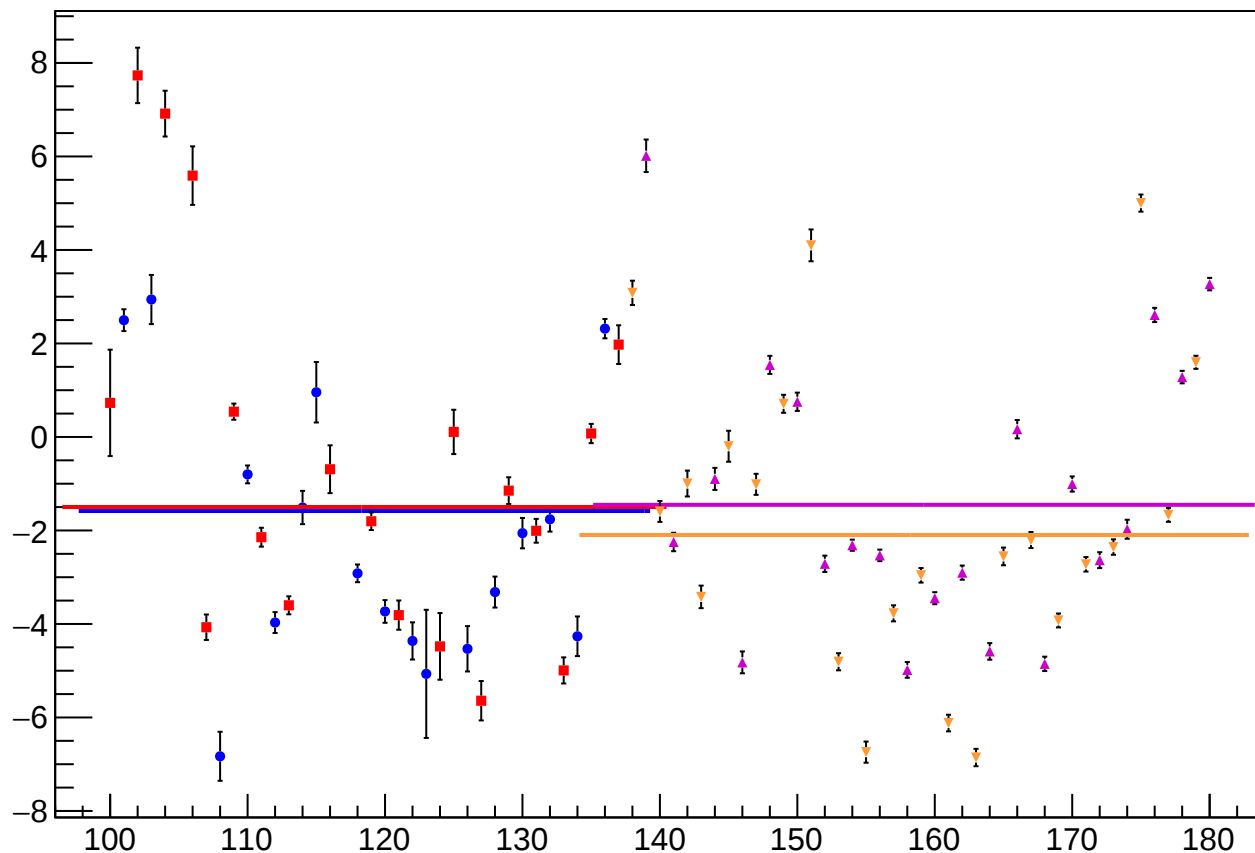
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 15.006 ± 0.038 χ^2/NDF : 65392.6/37

Out: 17.147 ± 0.041 χ^2/NDF : 106795.5/40

All: 15.978 ± 0.028 χ^2/NDF : 173642.7/78

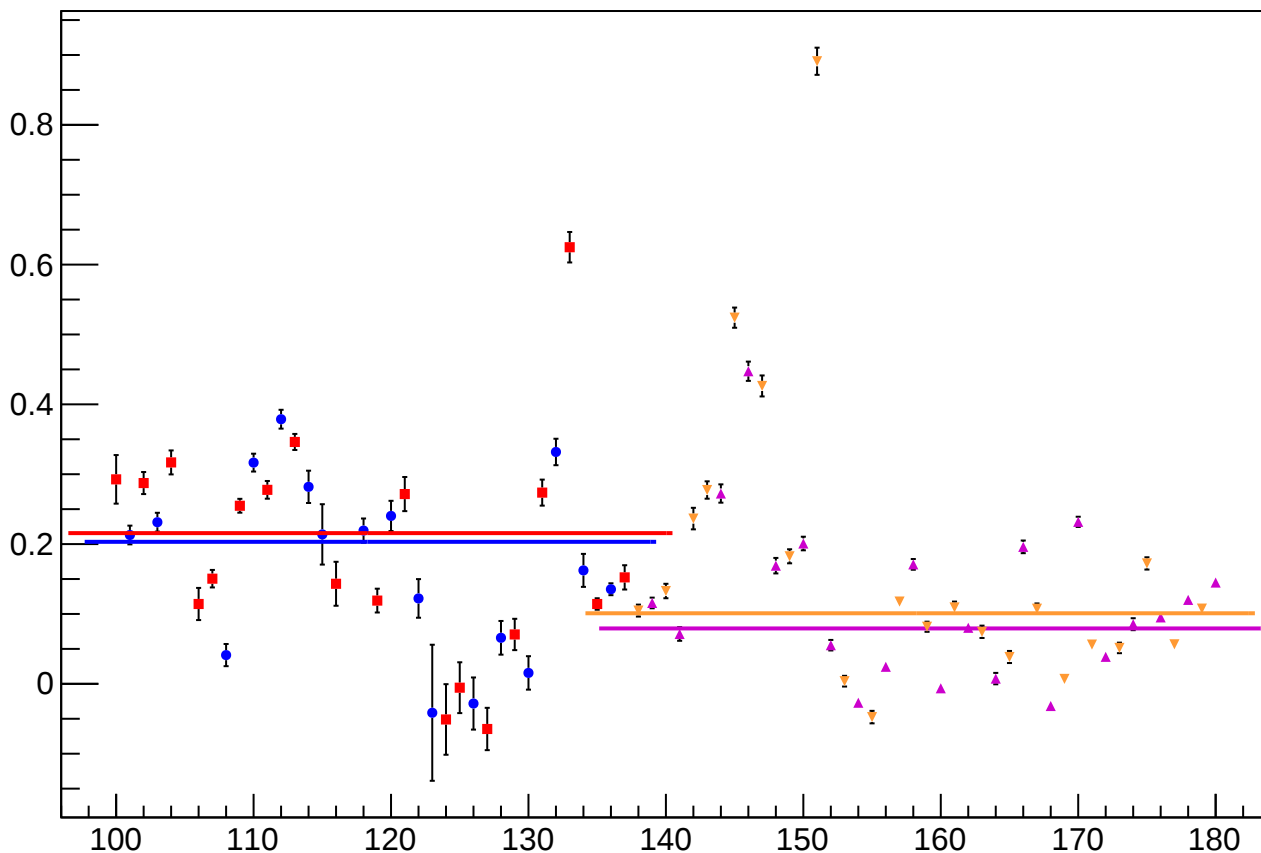
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16
 Left Out: -2.097 ± 0.040 χ^2/NDF : 5358.6/21
 Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18
 Left In: -1.452 ± 0.036 χ^2/NDF : 5325.8/20

Left: -1.738 ± 0.027 χ^2/NDF : 10829.4/42
 Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35
 In: -1.479 ± 0.032 χ^2/NDF : 6600.8/37
 Out: -1.935 ± 0.034 χ^2/NDF : 6923.2/40
 All: -1.691 ± 0.023 χ^2/NDF : 13619.3/78

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: 0.101 $\pm$ 0.002 χ^2 /NDF:4242.7/21

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.079 $\pm$ 0.002 χ^2 /NDF:3346.2/20

Left: 0.089 $\pm$ 0.001 χ^2 /NDF: 7672.1/42

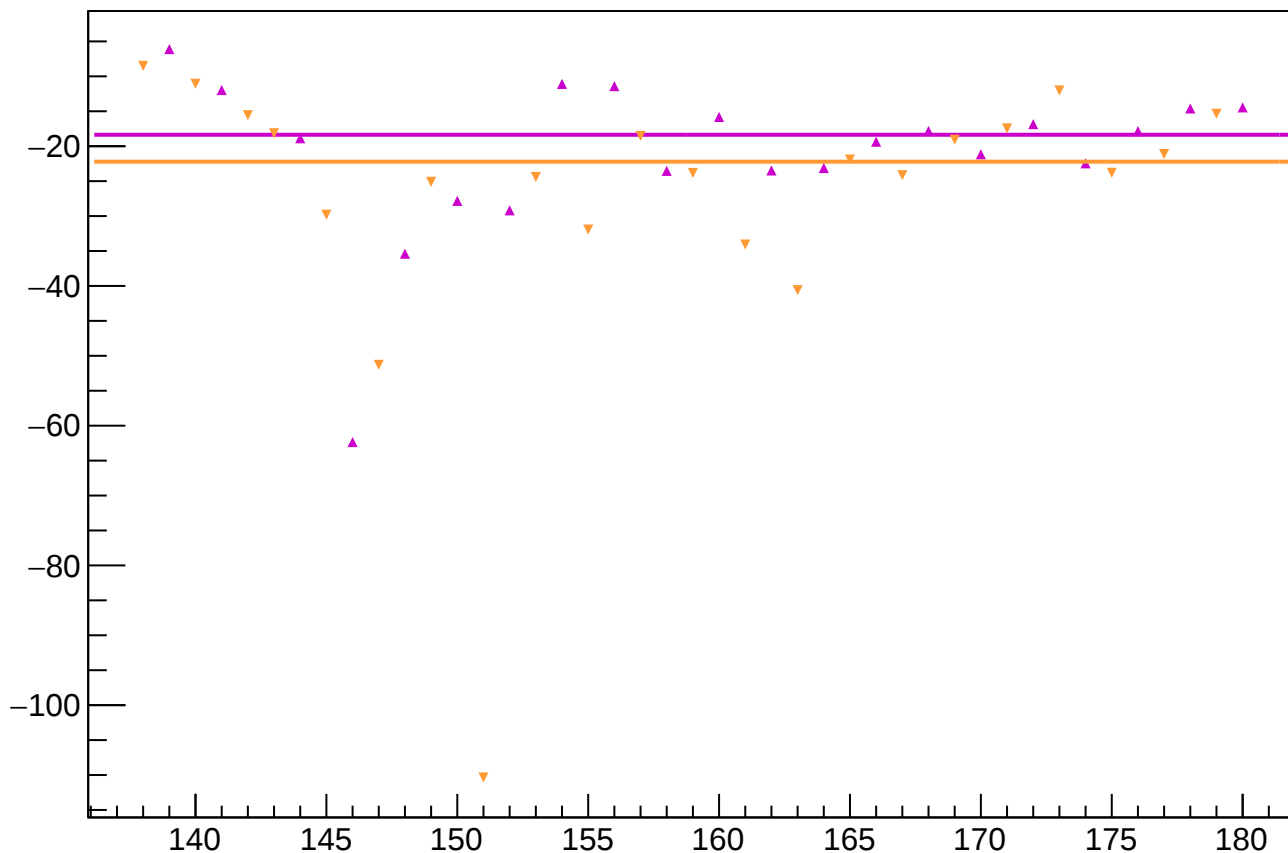
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.095 $\pm$ 0.001 χ^2 /NDF:4765.6/37

Out: 0.123 $\pm$ 0.002 χ^2 /NDF:6066.8/40

All: 0.108 $\pm$ 0.001 χ^2 /NDF: 10999.5/78

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: -22.214+/-0.047 χ^2/NDF : 64962.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.364+/-0.042 χ^2/NDF : 39297.9/20

Left: -20.067+/-0.031 χ^2/NDF : 107993.7/42

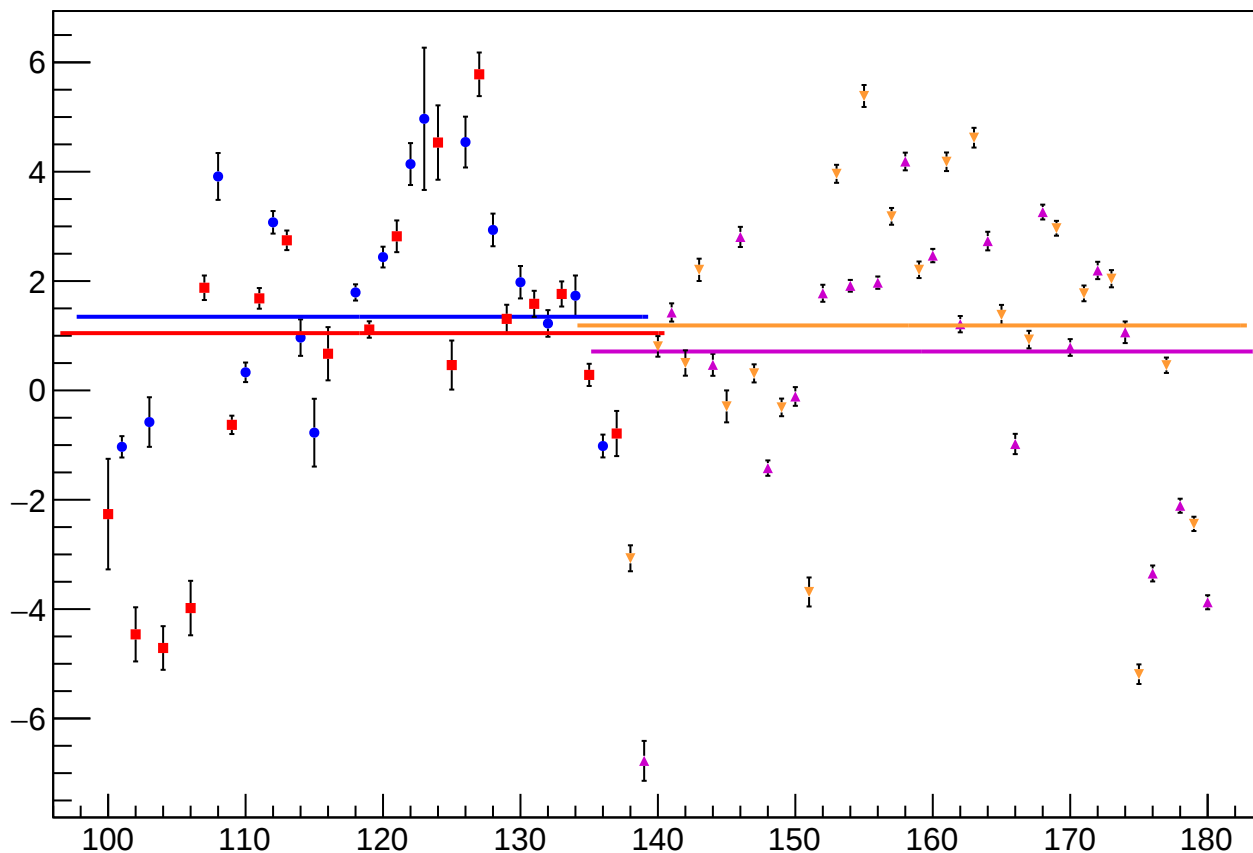
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.364+/-0.042 χ^2/NDF : 39297.9/20

Out: -22.214+/-0.047 χ^2/NDF : 64962.2/21

All: -20.067+/-0.031 χ^2/NDF : 107993.7/42

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: 1.188 ± 0.036 χ^2/NDF : 4728.4/21

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 0.712 ± 0.033 χ^2/NDF : 4988.4/20

Left: 0.925 ± 0.024 χ^2/NDF : 9811.5/42

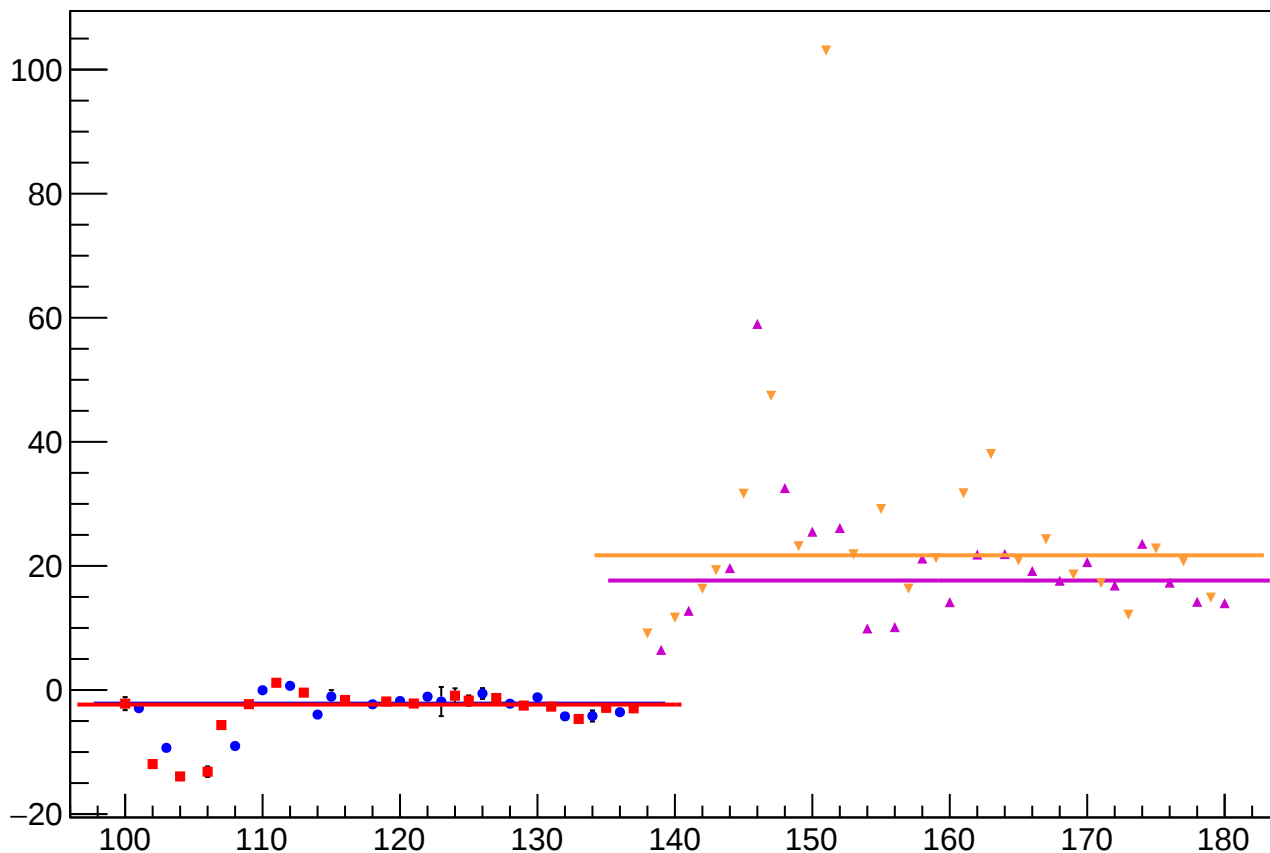
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 0.849 ± 0.029 χ^2/NDF : 5700.1/37

Out: 1.150 ± 0.031 χ^2/NDF : 5648.5/40

All: 0.989 ± 0.021 χ^2/NDF : 11398.6/78

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 21.714 ± 0.047 χ^2/NDF : 58112.9/21

Right Out: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 17.645 ± 0.041 χ^2/NDF : 36902.8/20

Left: 19.428 ± 0.031 χ^2/NDF : 99291.8/42

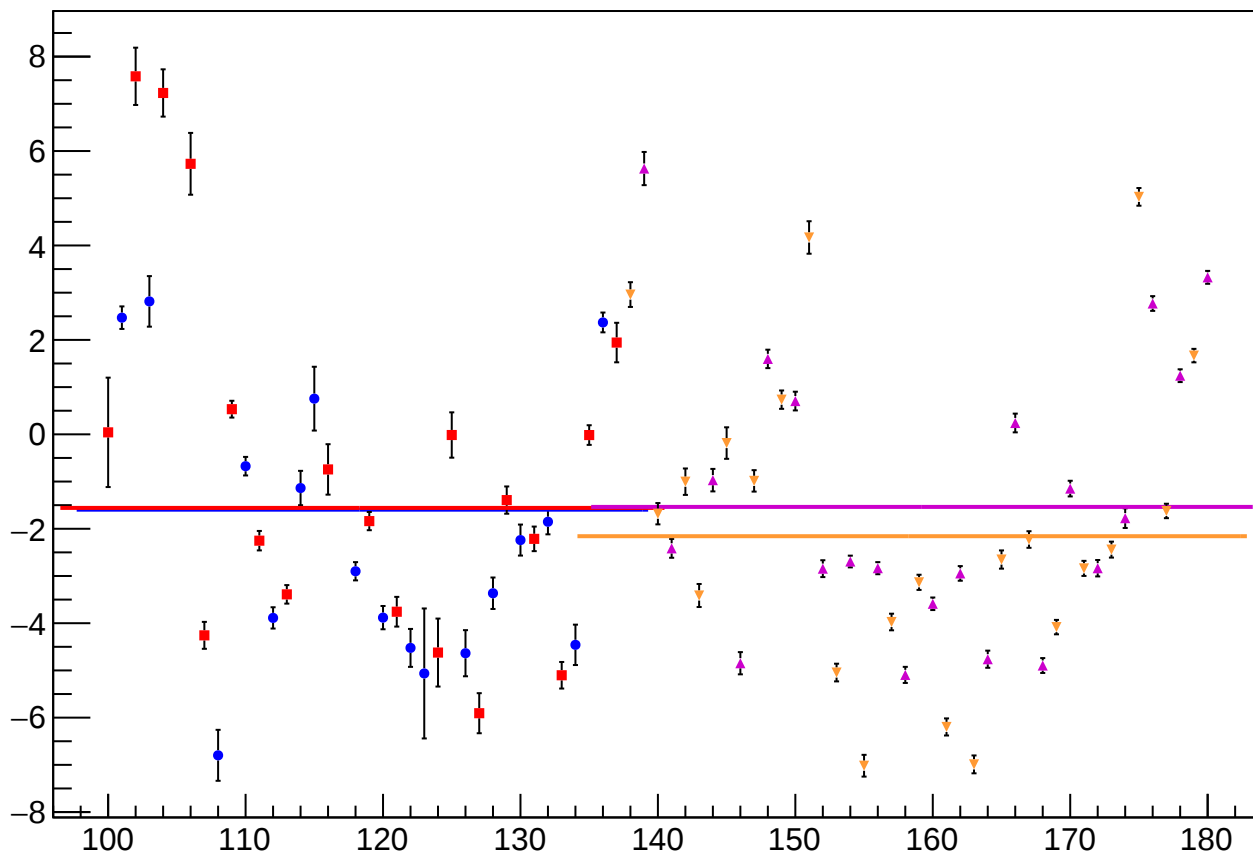
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 15.312 ± 0.039 χ^2/NDF : 64636.6/37

Out: 17.475 ± 0.042 χ^2/NDF : 105899.3/40

All: 16.297 ± 0.029 χ^2/NDF : 171958.4/78

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595+/-0.072 χ^2/NDF : 1255.4/16

Left Out: -2.158+/-0.041 χ^2/NDF : 5415.0/21

Right Out: -1.558+/-0.067 χ^2/NDF : 1463.8/18

Left In: -1.537+/-0.037 χ^2/NDF : 5383.3/20

Left: -1.813+/-0.027 χ^2/NDF : 10926.6/42

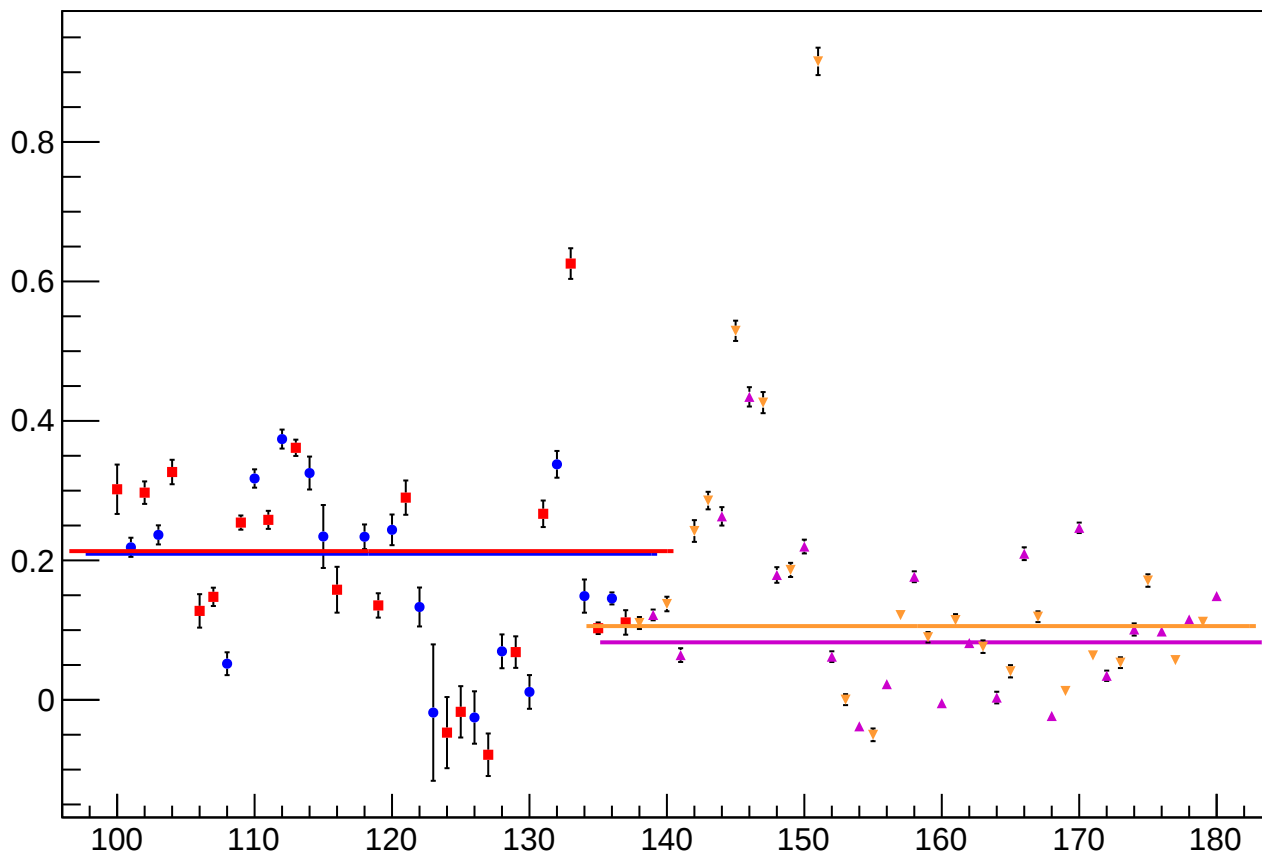
Right: -1.575+/-0.049 χ^2/NDF : 2719.3/35

In: -1.549+/-0.033 χ^2/NDF : 6639.2/37

Out: -1.995+/-0.035 χ^2/NDF : 6937.4/40

All: -1.757+/-0.024 χ^2/NDF : 13664.0/78

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: 0.106 ± 0.002 χ^2/NDF : 4270.7/21

Right Out: 0.213 ± 0.004 χ^2/NDF : 1103.2/18

Left In: 0.082 ± 0.002 χ^2/NDF : 3420.8/20

Left: 0.093 ± 0.001 χ^2/NDF : 7783.1/42

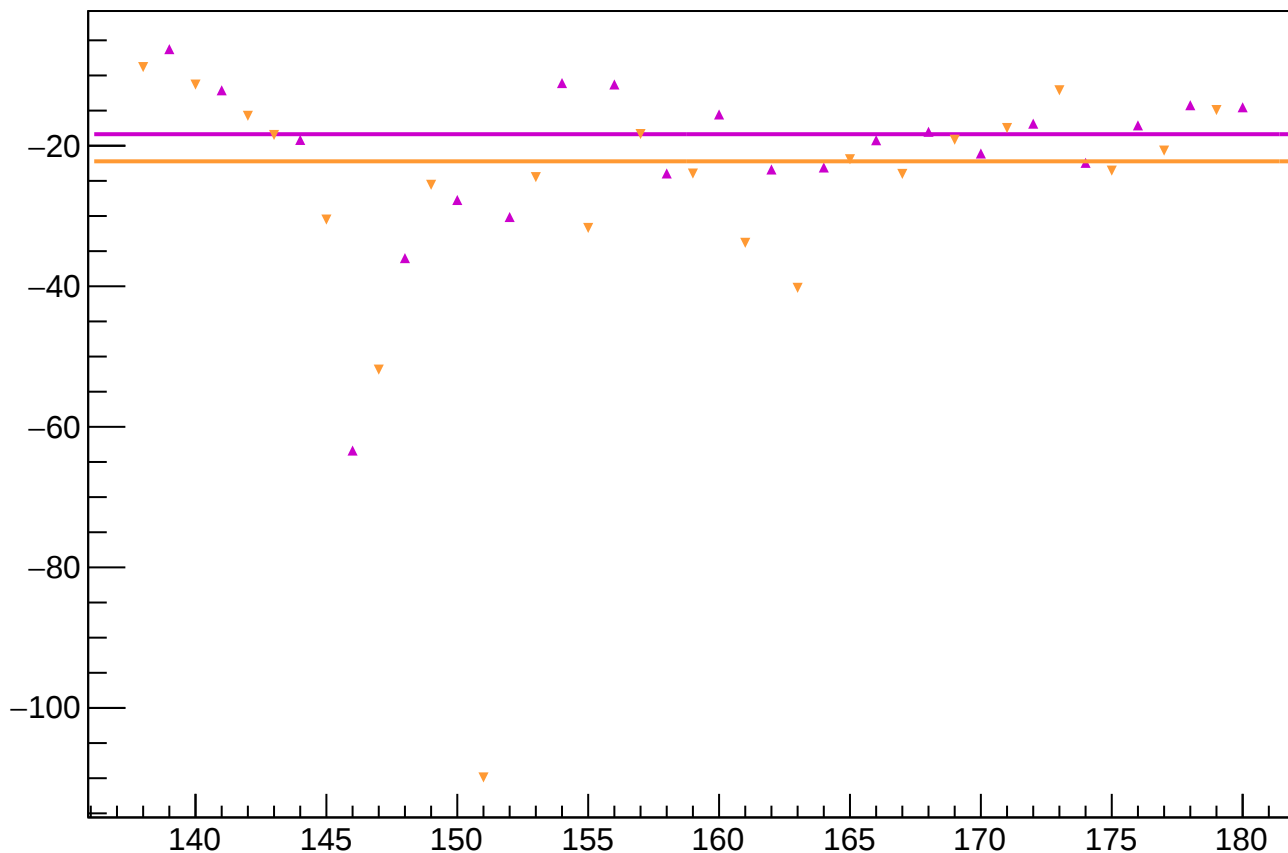
Right: 0.212 ± 0.003 χ^2/NDF : 1701.4/35

In: 0.099 ± 0.002 χ^2/NDF : 4814.6/37

Out: 0.126 ± 0.002 χ^2/NDF : 6036.6/40

All: 0.111 ± 0.001 χ^2/NDF : 11006.7/78

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -22.218 $\pm$ 0.047 χ^2 /NDF:64202.6/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -18.359 $\pm$ 0.042 χ^2 /NDF:39793.2/20

Left: -20.068 $\pm$ 0.032 χ^2 /NDF: 107698.7/42

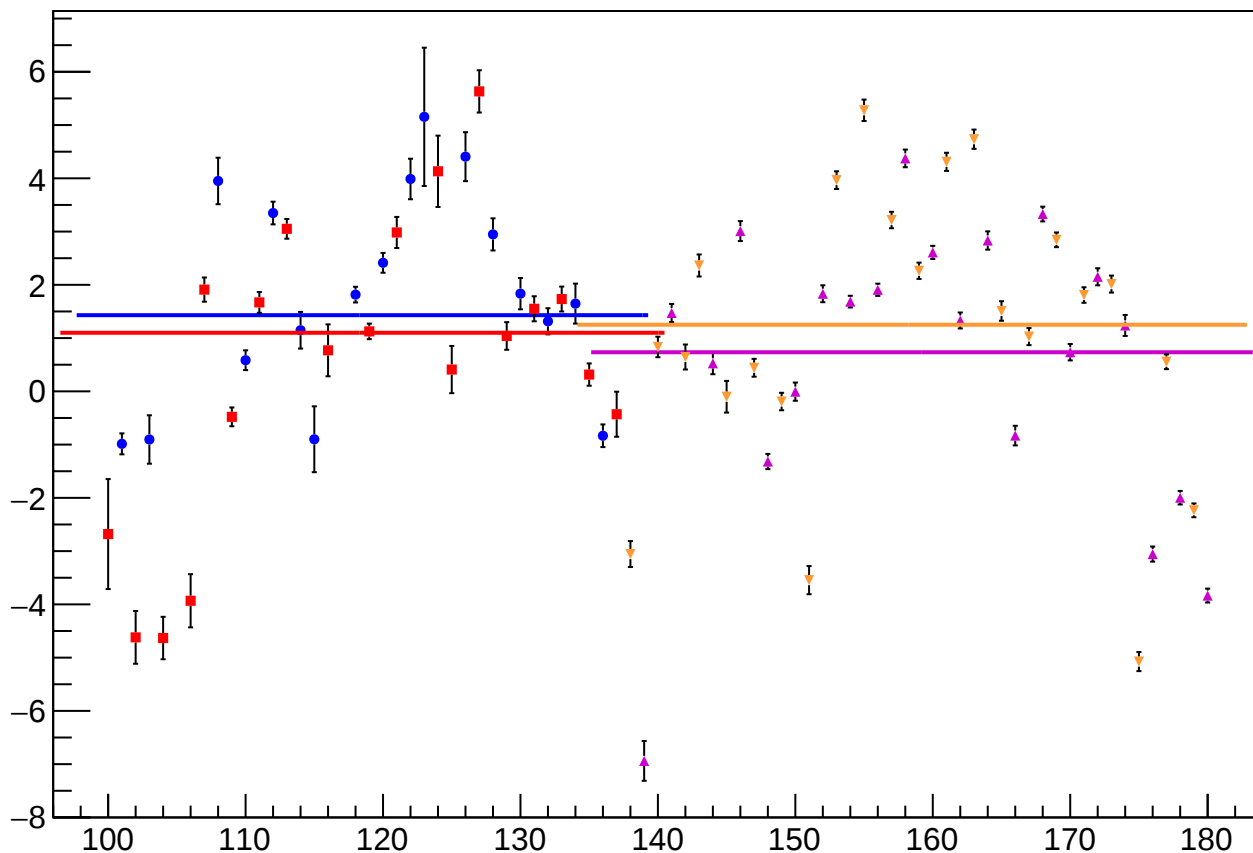
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -18.359 $\pm$ 0.042 χ^2 /NDF:39793.2/20

Out: -22.218 $\pm$ 0.047 χ^2 /NDF:64202.6/21

All: -20.068 $\pm$ 0.032 χ^2 /NDF: 107698.7/42

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: 1.251 ± 0.037 $\chi^2/\text{NDF}: 4540.0/21$

Right Out: 1.100 ± 0.060 $\chi^2/\text{NDF}: 901.0/18$

Left In: 0.734 ± 0.033 $\chi^2/\text{NDF}: 4833.0/20$

Left: 0.966 ± 0.025 $\chi^2/\text{NDF}: 9482.5/42$

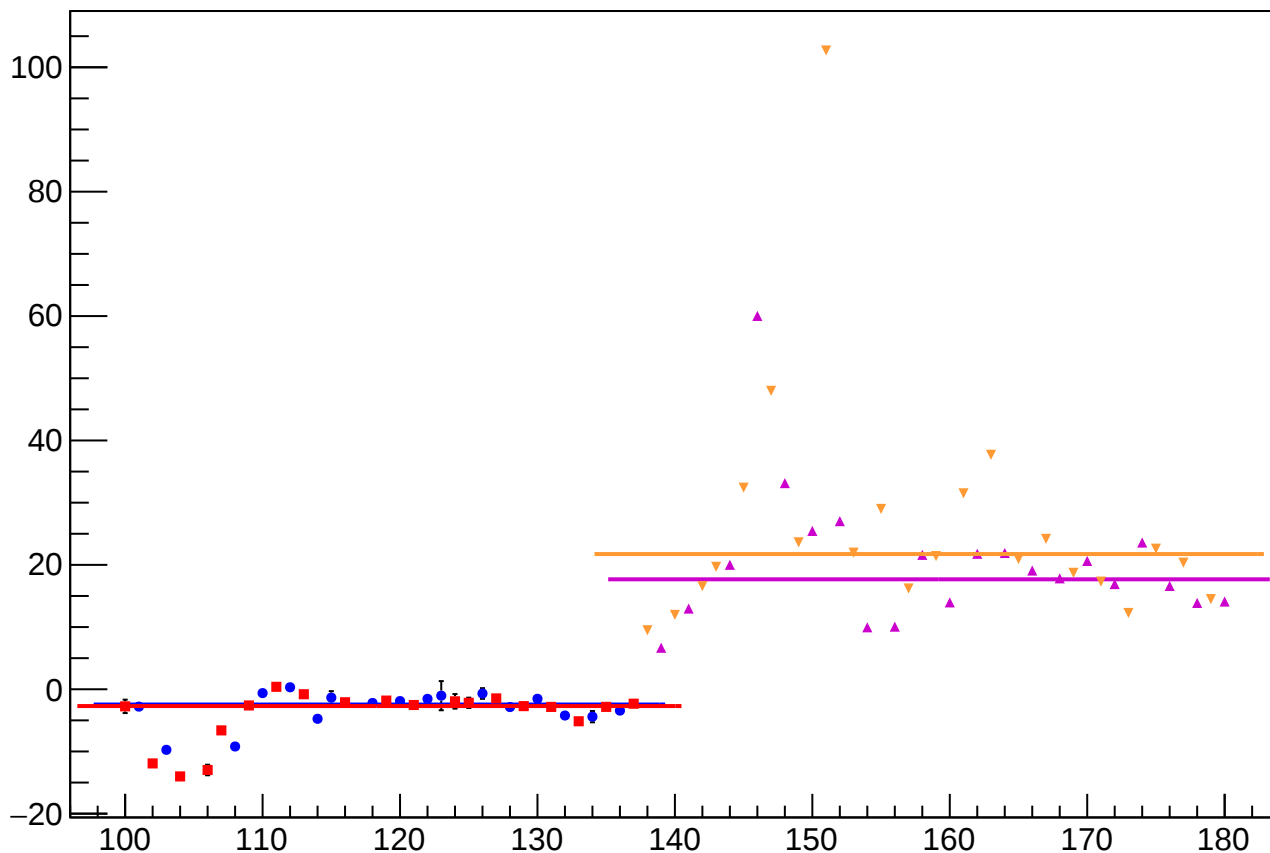
Right: 1.257 ± 0.043 $\chi^2/\text{NDF}: 1513.6/35$

In: 0.885 ± 0.029 $\chi^2/\text{NDF}: 5527.2/37$

Out: 1.210 ± 0.031 $\chi^2/\text{NDF}: 5445.6/40$

All: 1.036 ± 0.021 $\chi^2/\text{NDF}: 11030.3/78$

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: 21.739 ± 0.047 χ^2/NDF : 57584.6/21

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 17.676 ± 0.041 χ^2/NDF : 37400.4/20

Left: 19.461 ± 0.031 χ^2/NDF : 99194.5/42

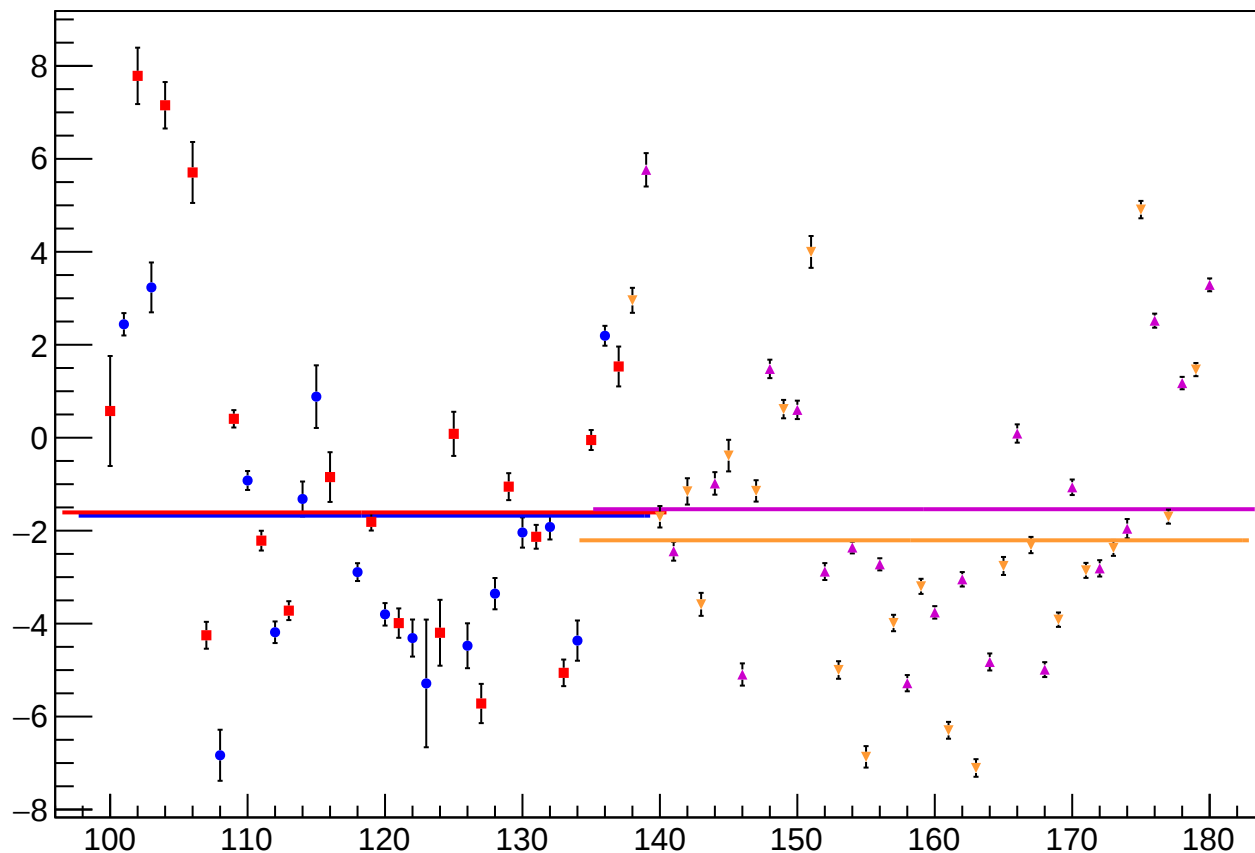
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 15.341 ± 0.039 χ^2/NDF : 65121.4/37

Out: 17.549 ± 0.043 χ^2/NDF : 104982.2/40

All: 16.346 ± 0.029 χ^2/NDF : 171560.7/78

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -2.208 ± 0.041 χ^2/NDF : 5215.4/21

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -1.538 ± 0.037 χ^2/NDF : 5273.1/20

Left: -1.837 ± 0.027 χ^2/NDF : 10635.5/42

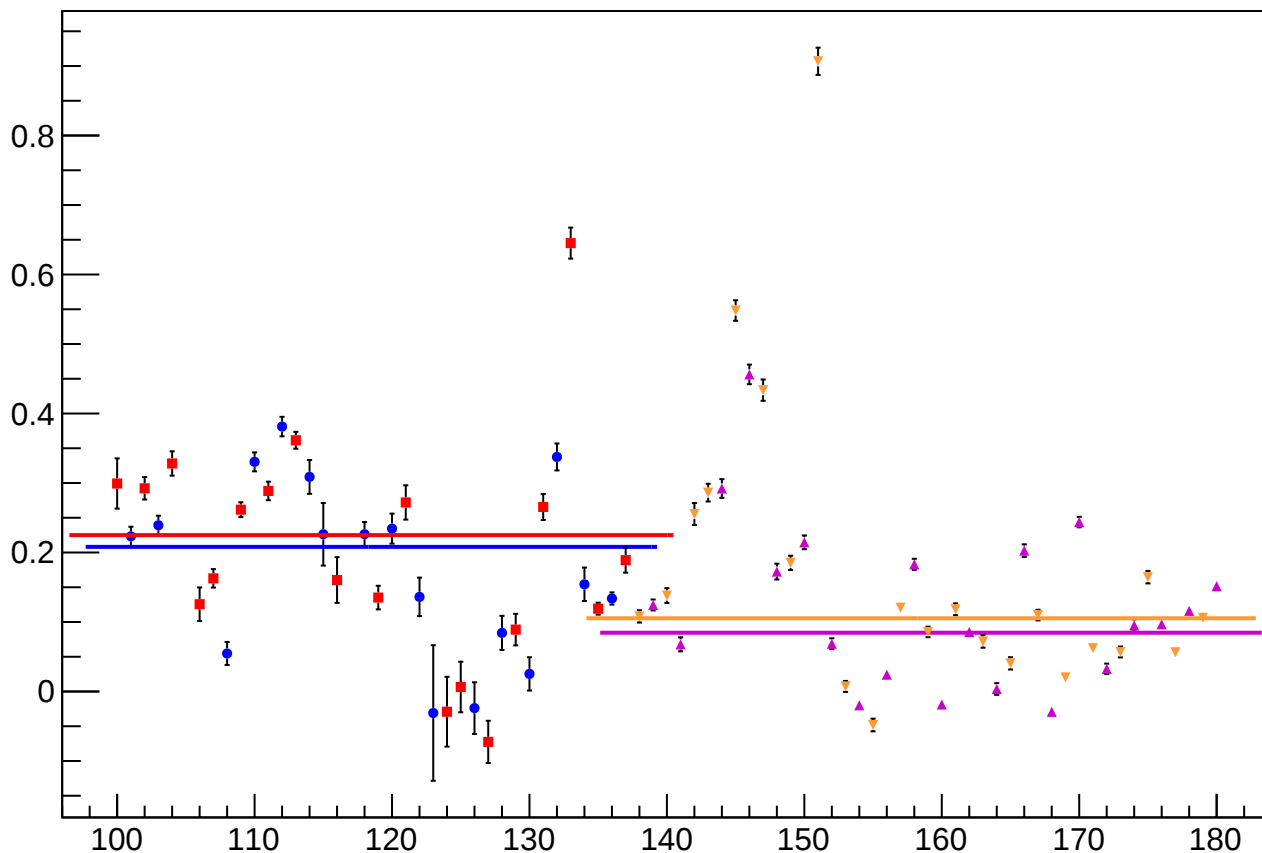
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.567 ± 0.033 χ^2/NDF : 6480.7/37

Out: -2.047 ± 0.035 χ^2/NDF : 6703.4/40

All: -1.791 ± 0.024 χ^2/NDF : 13283.7/78

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16
 Left Out: 0.105 $\pm$ 0.002 χ^2 /NDF:4233.6/21
 Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18
 Left In: 0.085 $\pm$ 0.002 χ^2 /NDF:3386.0/20

Left: 0.094 $\pm$ 0.001 χ^2 /NDF: 7691.9/42
 Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35
 In: 0.100 $\pm$ 0.002 χ^2 /NDF:4720.1/37
 Out: 0.128 $\pm$ 0.002 χ^2 /NDF:6025.9/40
 All: 0.113 $\pm$ 0.001 χ^2 /NDF: 10897.9/78