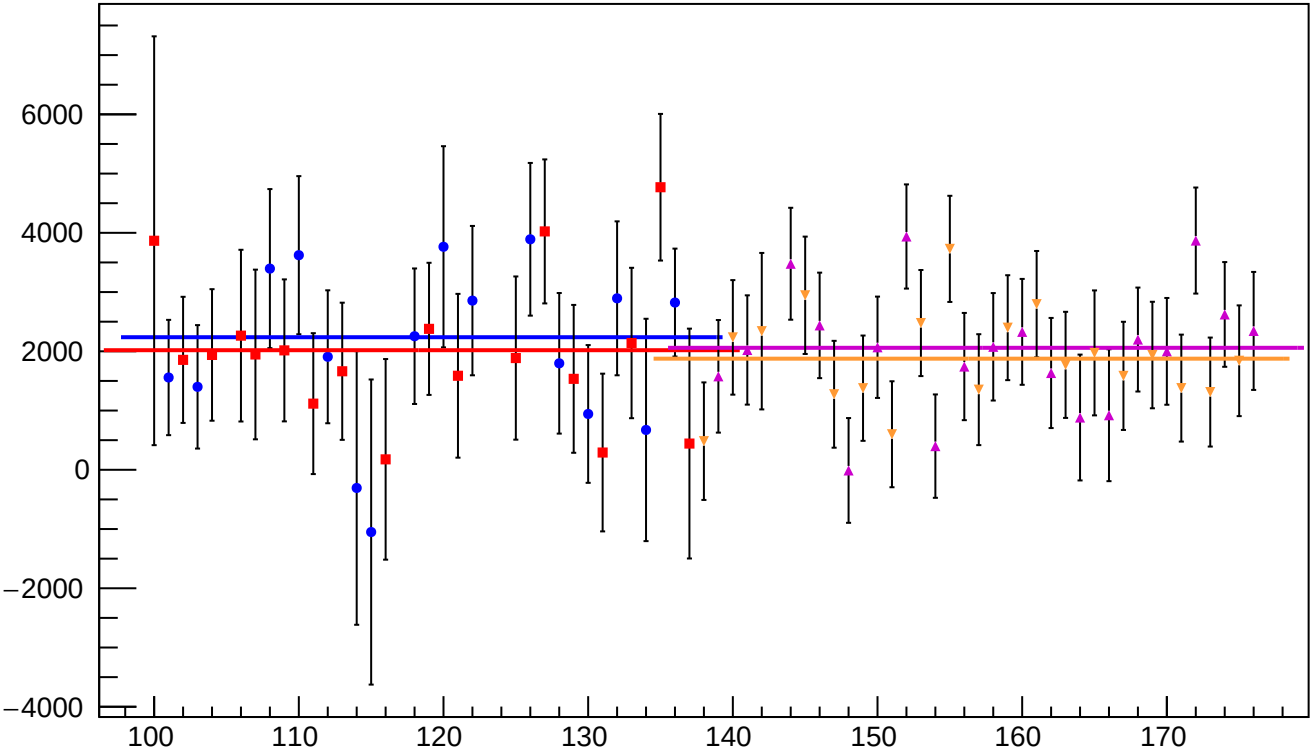
dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642 χ^2/NDF: 11.3/15

Left Out: 1875.820+/-214.607 χ^2/NDF:13.4/18

Right Out: 2018.625+/-308.362 χ^2/NDF: 12.6/17

Left In: 2059.091+/-210.714 χ^2/NDF:23.7/18

Left: 1969.133+/-150.355 χ^2/NDF: 37.5/37

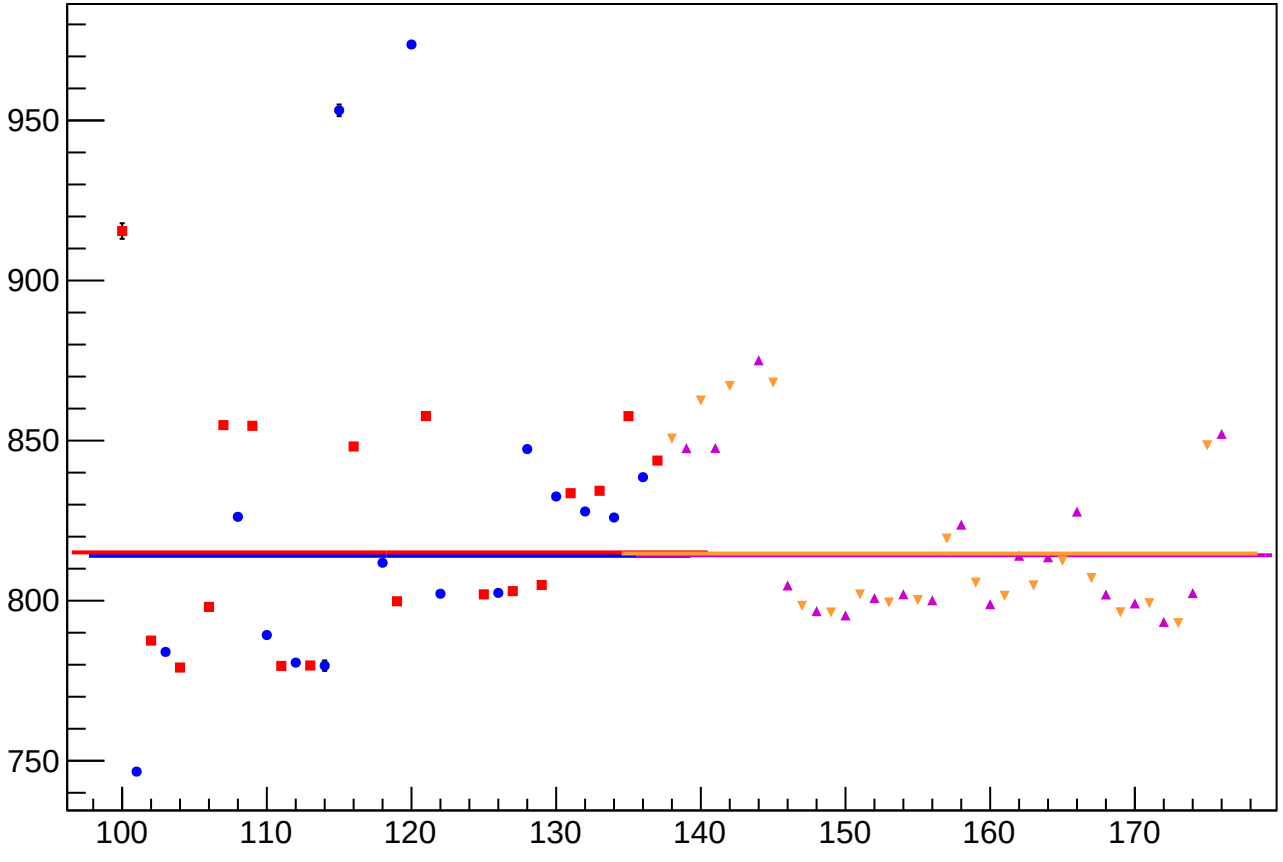
Right: 2126.067+/-220.232 χ^2/NDF: 24.1/33

In: 2114.464+/-175.080 χ^2/NDF:35.2/34

Out: 1922.419+/-176.147 χ^2/NDF:26.2/36

All: 2019.025+/-124.176 χ^2/NDF: 62.0/71

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 814.021+/-0.222 χ^2/NDF: 42041.6/15

Left Out: 814.740+/-0.152 χ^2/NDF:25742.9/18

Right Out: 815.084+/-0.218 χ^2/NDF: 19959.3/17

Left In: 814.186+/-0.149 χ^2/NDF:23122.7/18

Left: 814.458+/-0.106 χ^2/NDF: 48872.4/37

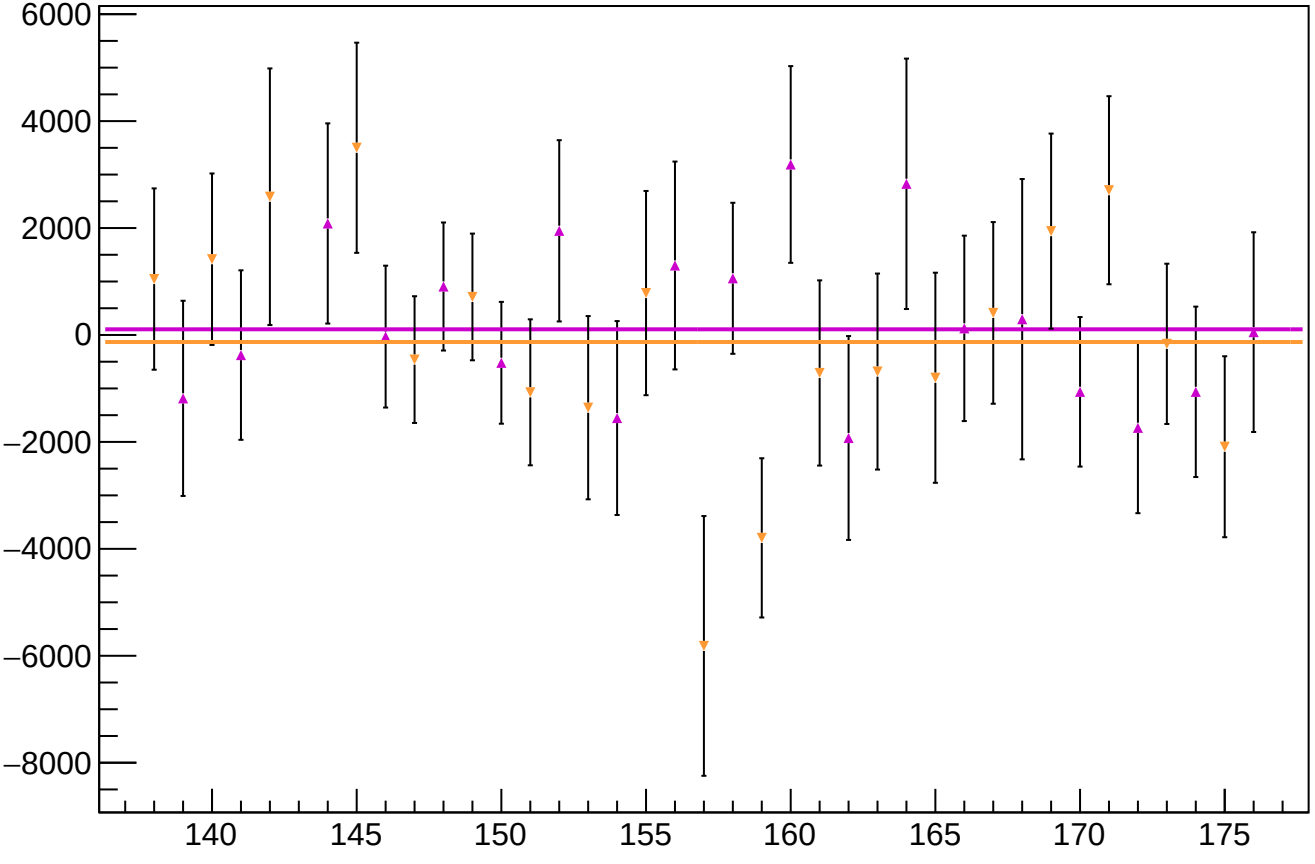
Right: 814.563+/-0.156 χ^2/NDF: 62012.6/33

In: 814.135+/-0.124 χ^2/NDF:65164.7/34

Out: 814.852+/-0.125 χ^2/NDF:45703.9/36

All: 814.491+/-0.088 χ^2/NDF: 110885.2/71

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -131.290+/-377.439 χ^2/NDF:25.1/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 105.945+/-371.320 χ^2/NDF:13.2/18

Left: -10.734+/-264.700 χ^2/NDF: 38.5/37

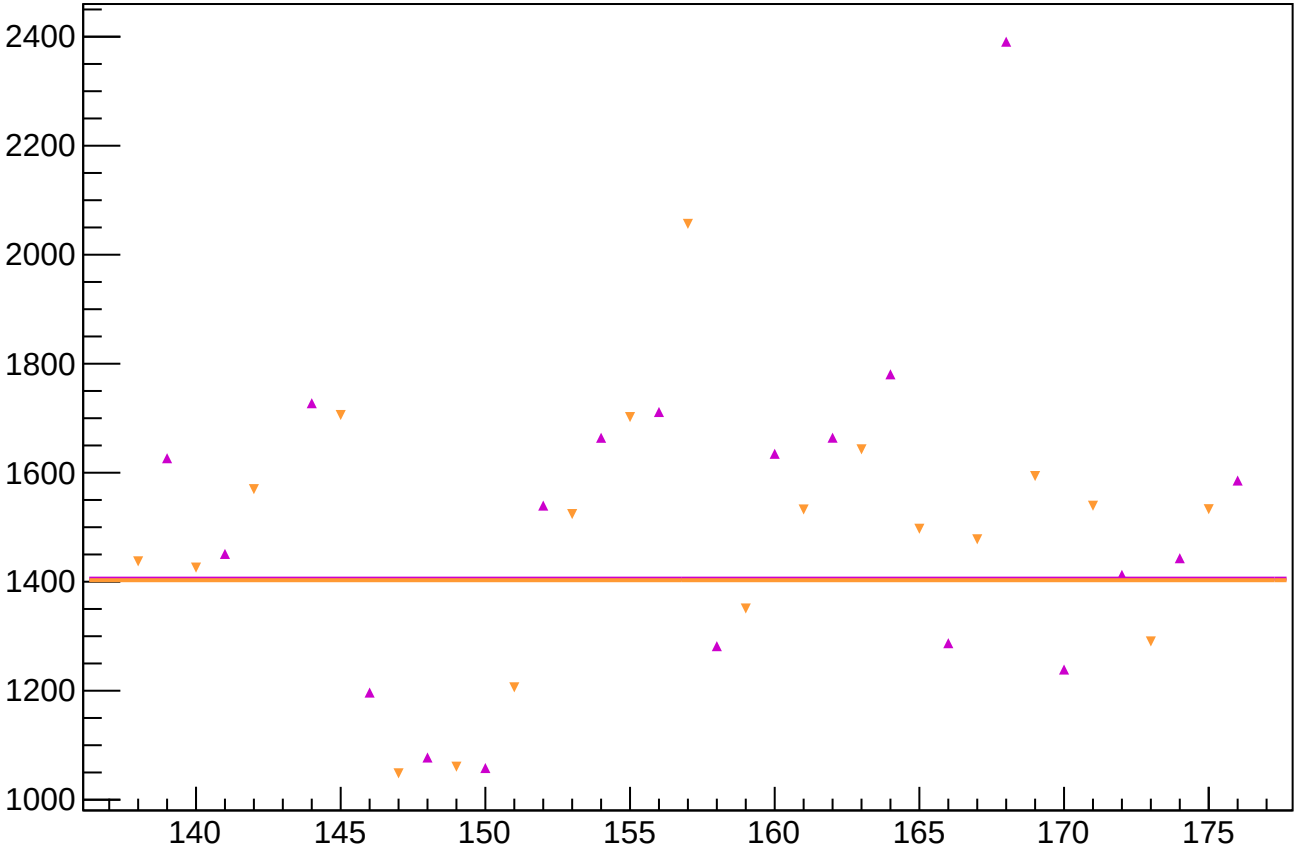
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 105.945+/-371.320 χ^2/NDF:13.2/18

Out: -131.290+/-377.439 χ^2/NDF:25.1/18

All: -10.734+/-264.700 χ^2/NDF: 38.5/37

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1402.759+/-0.267 χ^2/NDF:763225.0/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1405.649+/-0.263 χ^2/NDF:1053099.7/18

Left: 1404.228+/-0.187 χ^2/NDF: 1816384.3/37

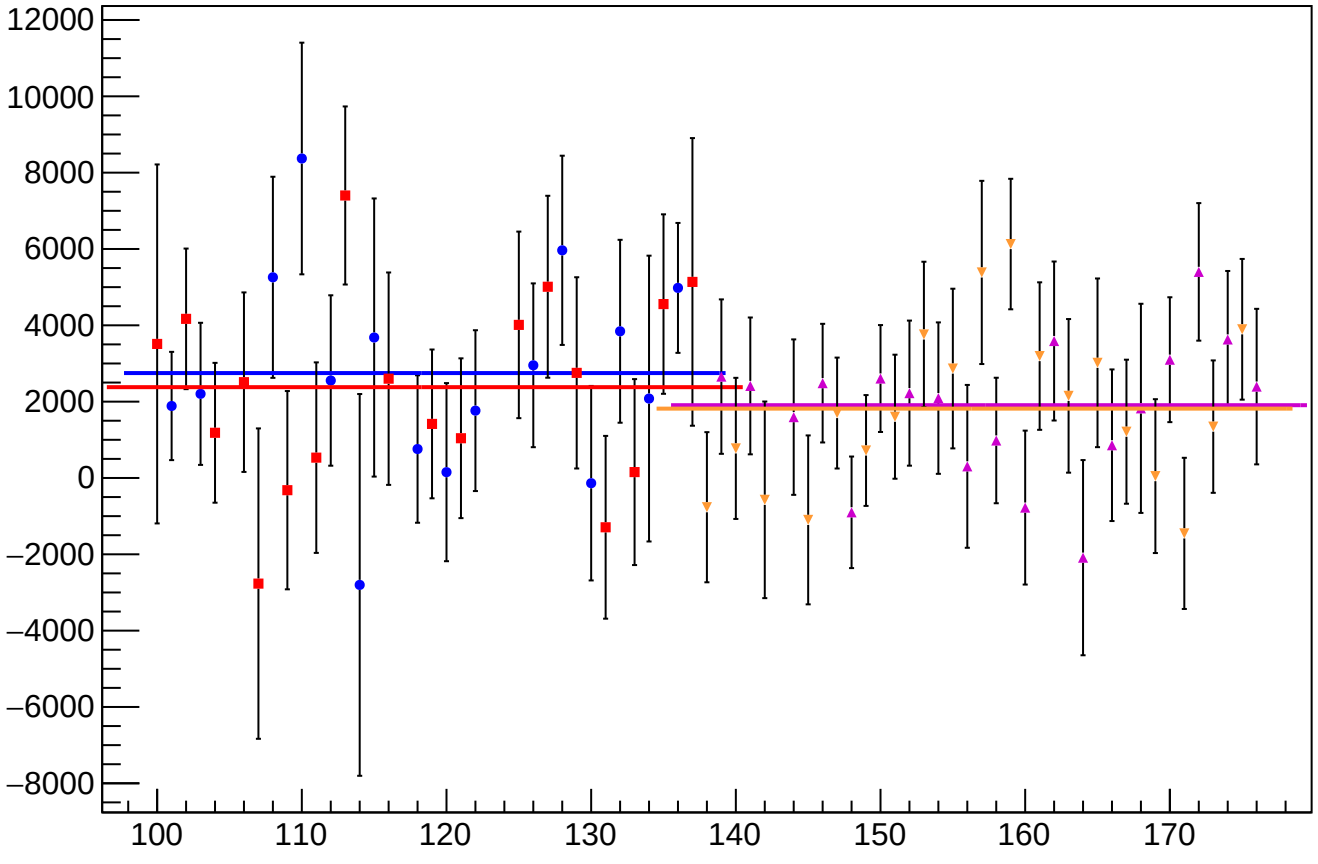
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1405.649+/-0.263 χ^2/NDF:1053099.7/18

Out: 1402.759+/-0.267 χ^2/NDF:763225.0/18

All: 1404.228+/-0.187 χ^2/NDF: 1816384.3/37

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2748.777+/-562.943 χ^2/NDF: 13.5/15

Left Out: 1817.024+/-431.129 χ^2/NDF:20.9/18

Right Out: 2379.450+/-568.967 χ^2/NDF: 16.2/17

Left In: 1907.018+/-424.180 χ^2/NDF:15.6/18

Left: 1862.752+/-302.368 χ^2/NDF: 36.5/37

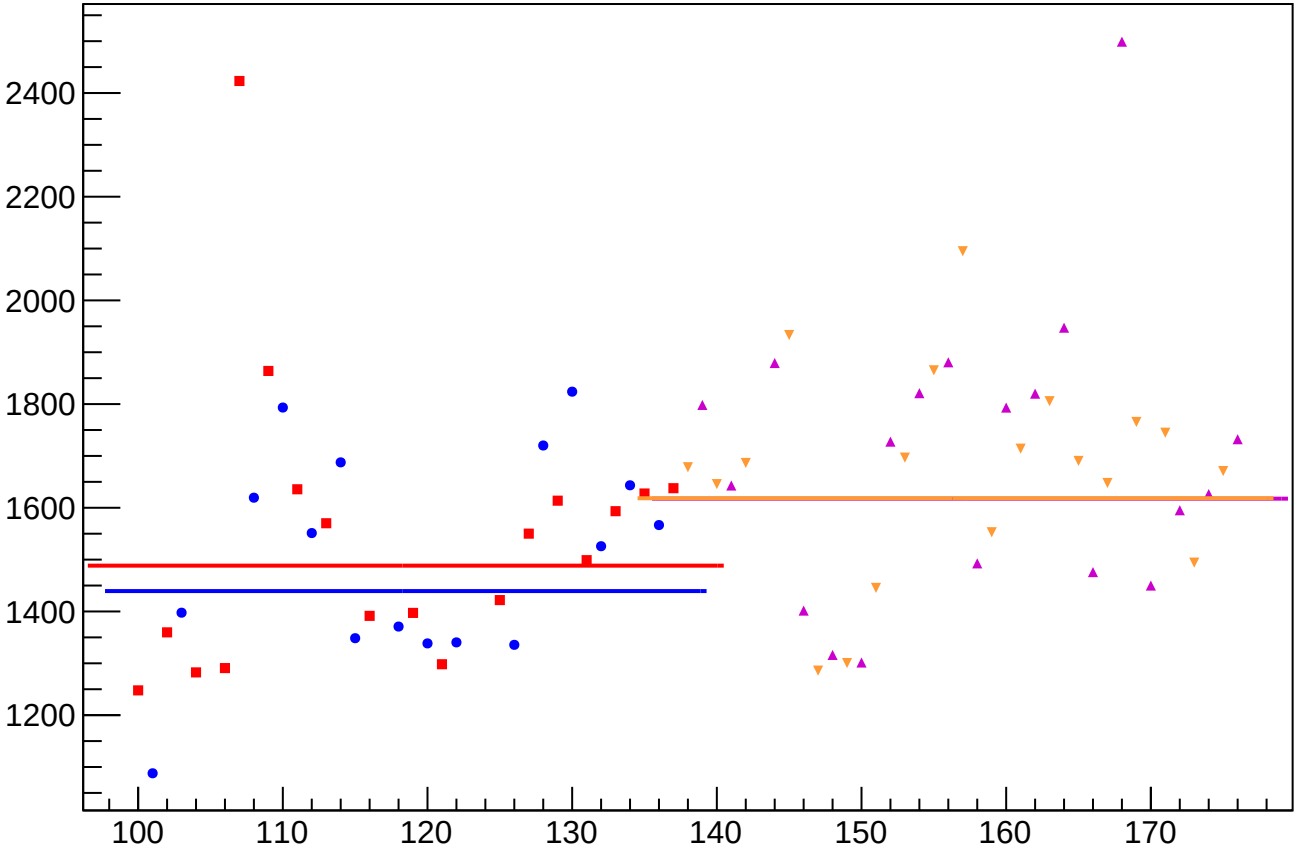
Right: 2566.079+/-400.174 χ^2/NDF: 30.0/33

In: 2211.862+/-338.774 χ^2/NDF:30.6/34

Out: 2022.166+/-343.622 χ^2/NDF:37.7/36

All: 2118.362+/-241.245 χ^2/NDF: 68.5/71

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1439.332+/-0.398 χ^2/NDF: 277860.8/15

Left Out: 1618.380+/-0.305 χ^2/NDF:435803.3/18

Right Out: 1488.384+/-0.402 χ^2/NDF: 256324.7/17

Left In: 1617.590+/-0.300 χ^2/NDF:656680.9/18

Left: 1617.978+/-0.214 χ^2/NDF: 1092487.6/37

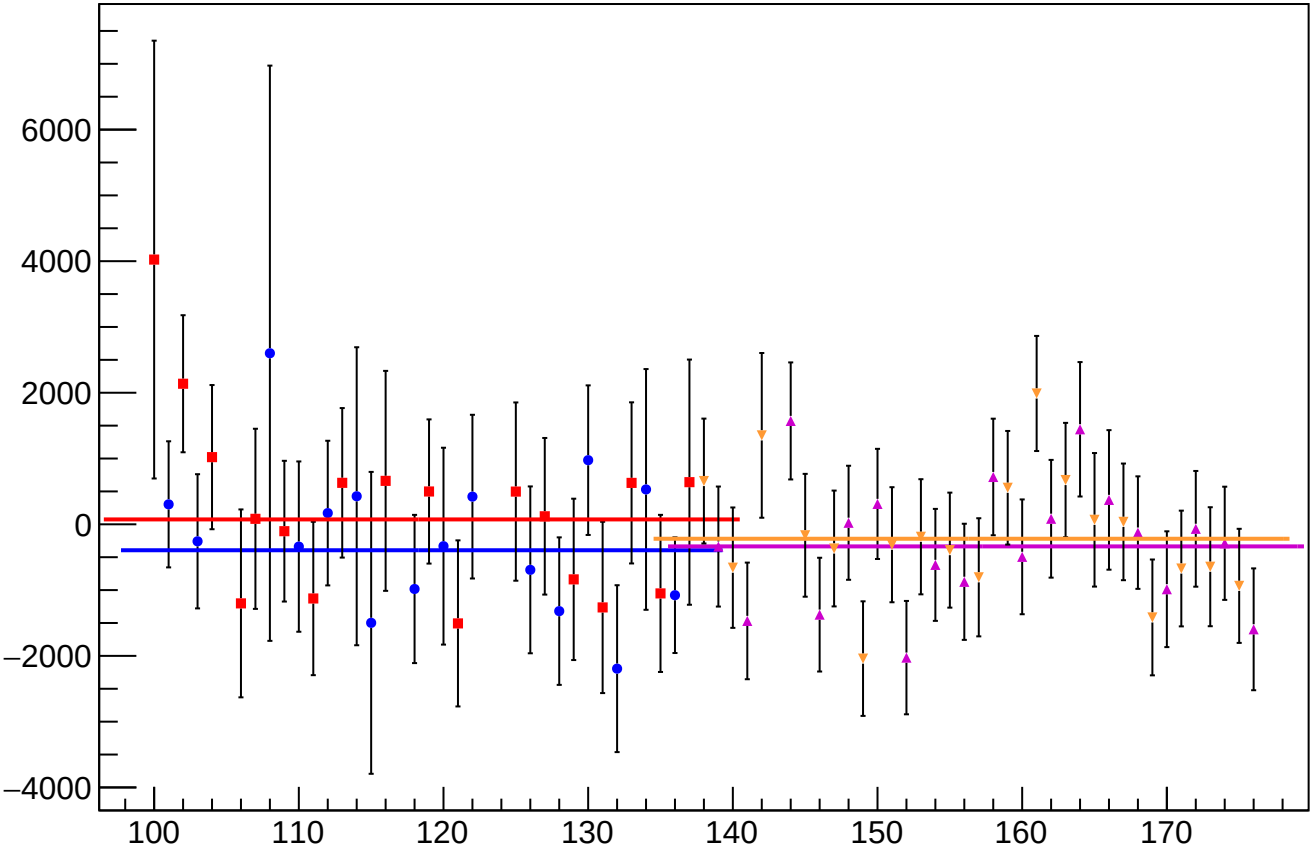
Right: 1463.597+/-0.283 χ^2/NDF: 541697.1/33

In: 1553.034+/-0.240 χ^2/NDF:1062454.8/34

Out: 1570.964+/-0.243 χ^2/NDF:758450.8/36

All: 1561.871+/-0.171 χ^2/NDF: 1823667.2/71

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -394.364+/-313.174 χ^2/NDF: 7.4/15

Left Out: -219.548+/-207.569 χ^2/NDF:19.0/18

Right Out: 74.289+/-298.398 χ^2/NDF: 12.9/17

Left In: -335.726+/-204.154 χ^2/NDF:20.5/18

Left: -278.601+/-145.551 χ^2/NDF: 39.6/37

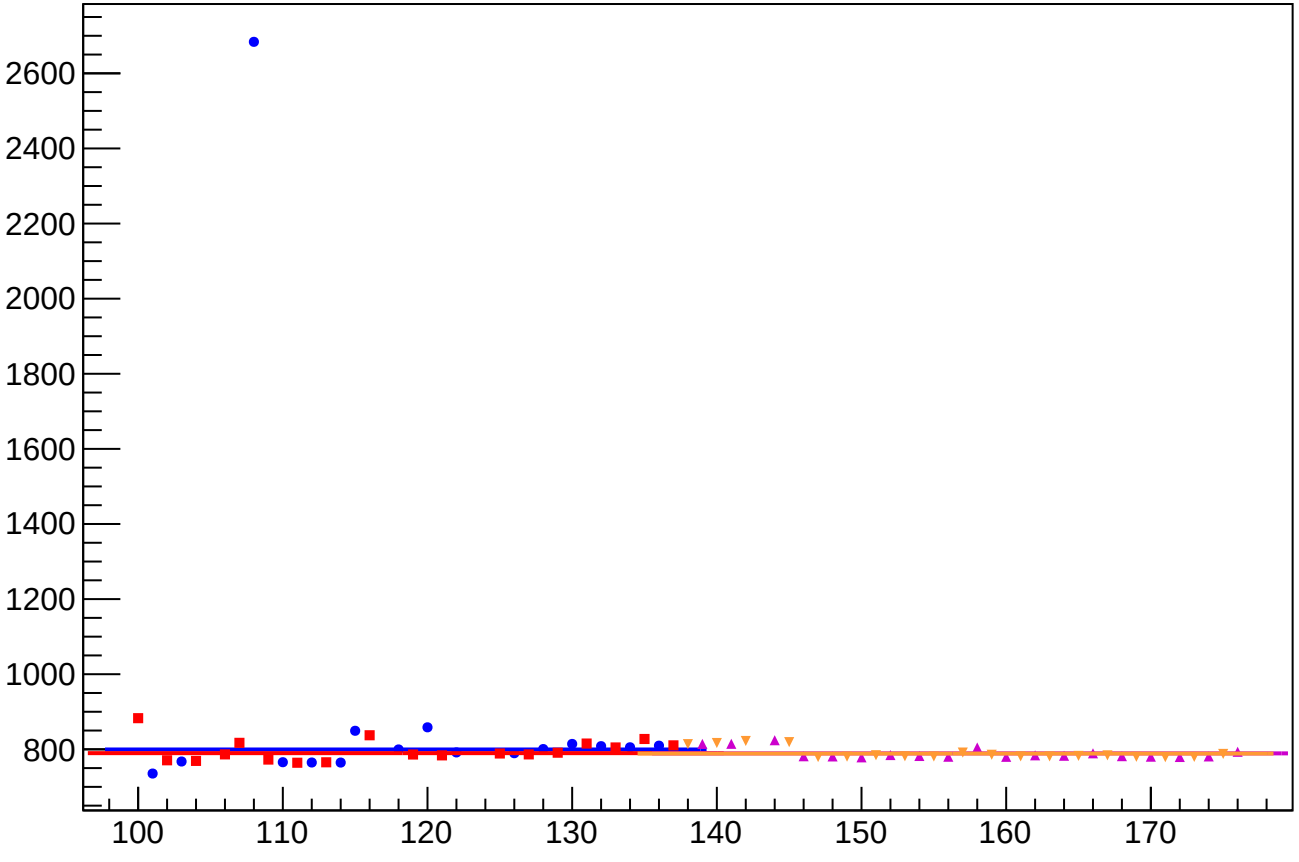
Right: -148.721+/-216.034 χ^2/NDF: 21.5/33

In: -353.213+/-171.024 χ^2/NDF:27.9/34

Out: -123.731+/-170.398 χ^2/NDF:32.5/36

All: -238.051+/-120.710 χ^2/NDF: 61.4/71

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 799.537+/-0.221 χ^2/NDF: 391185.9/15

Left Out: 788.698+/-0.147 χ^2/NDF:8714.9/18

Right Out: 789.794+/-0.211 χ^2/NDF: 11174.9/17

Left In: 789.195+/-0.144 χ^2/NDF:9112.9/18

Left: 788.951+/-0.103 χ^2/NDF: 17833.7/37

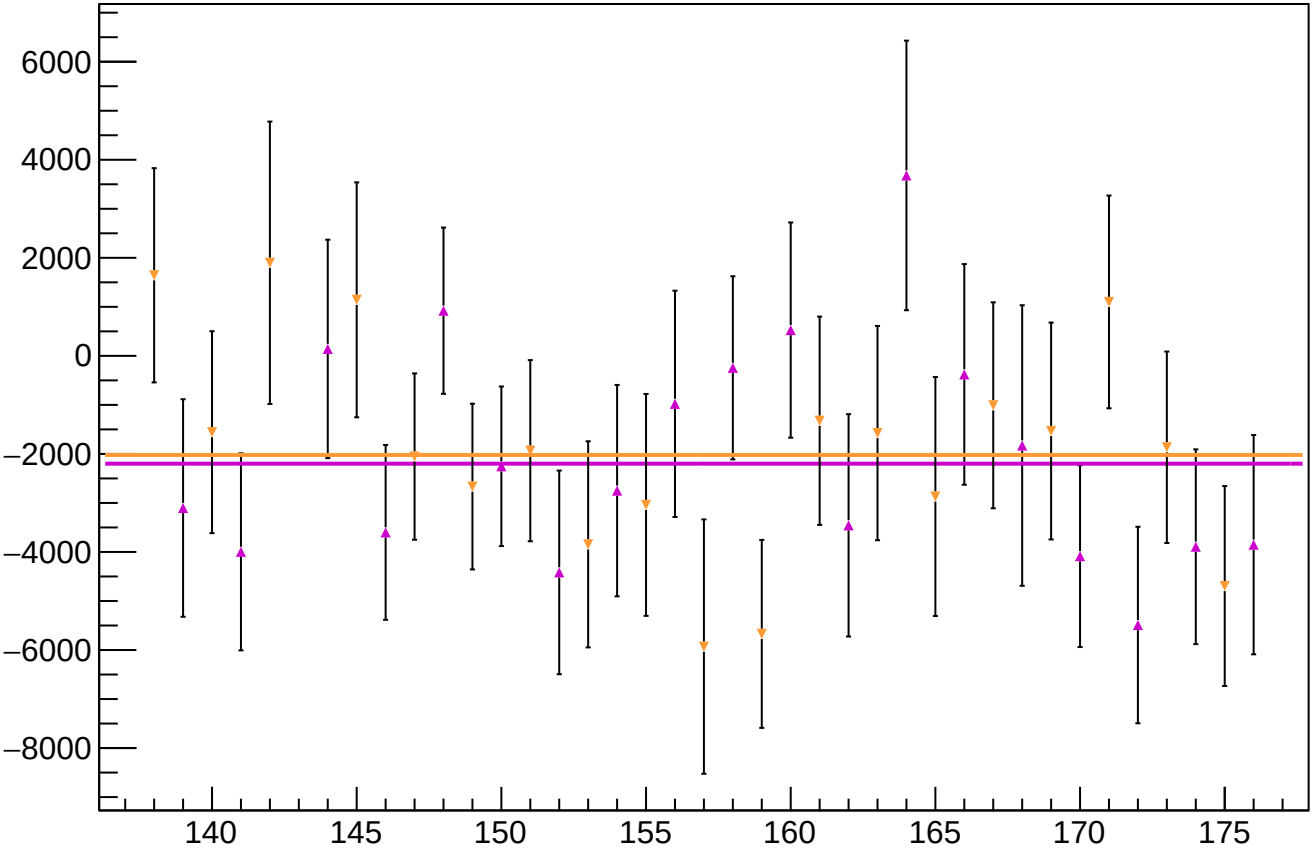
Right: 794.430+/-0.153 χ^2/NDF: 403375.5/33

In: 792.279+/-0.121 χ^2/NDF:401829.5/34

Out: 789.055+/-0.120 χ^2/NDF:19908.0/36

All: 790.661+/-0.085 χ^2/NDF: 422094.1/71

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -2021.152+/-481.239 χ^2/NDF:17.8/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -2198.992+/-473.485 χ^2/NDF:20.8/18

Left: -2111.516+/-337.512 χ^2/NDF: 38.6/37

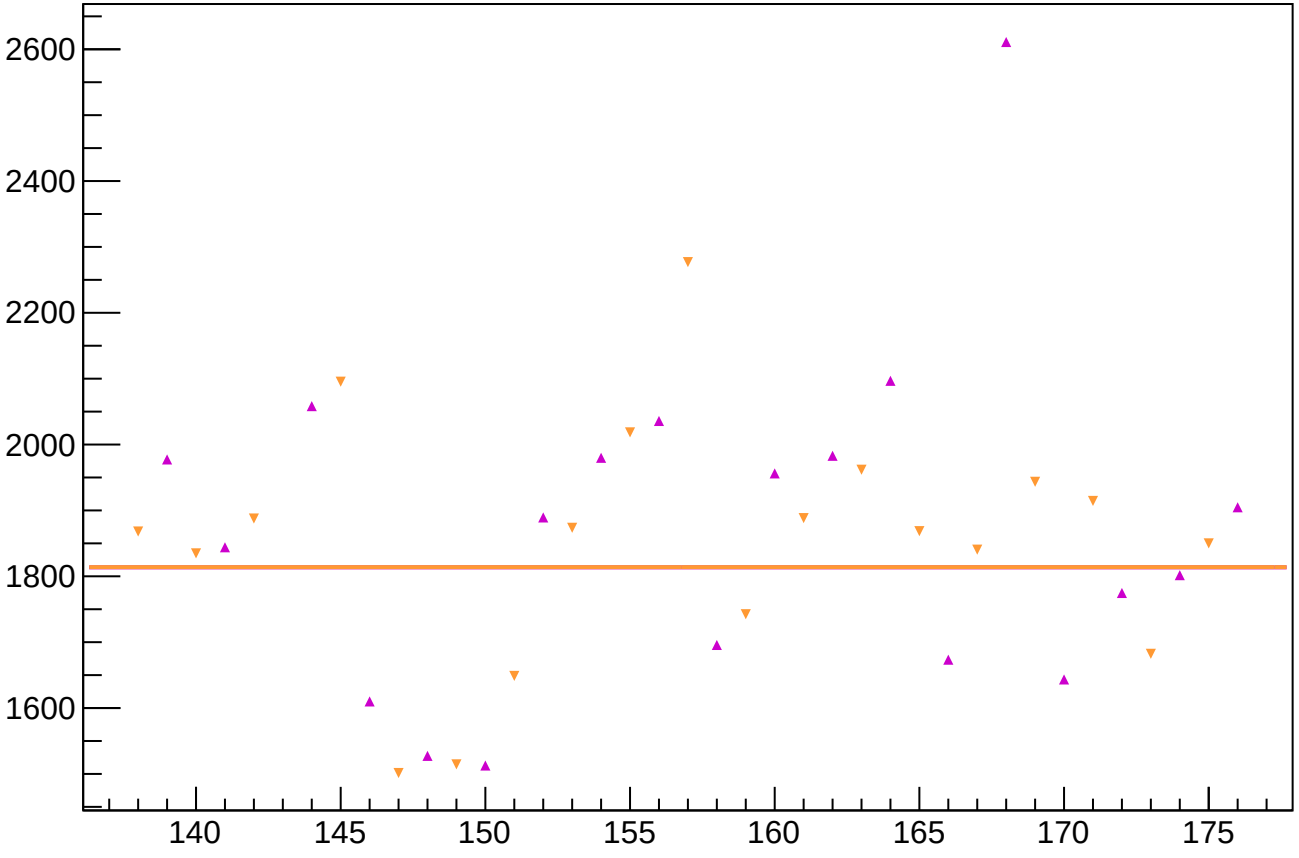
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2198.992+/-473.485 χ^2/NDF:20.8/18

Out: -2021.152+/-481.239 χ^2/NDF:17.8/18

All: -2111.516+/-337.512 χ^2/NDF: 38.6/37

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1813.878+/-0.340 χ^2/NDF:295138.8/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1813.602+/-0.335 χ^2/NDF:452808.1/18

Left: 1813.738+/-0.239 χ^2/NDF: 747947.3/37

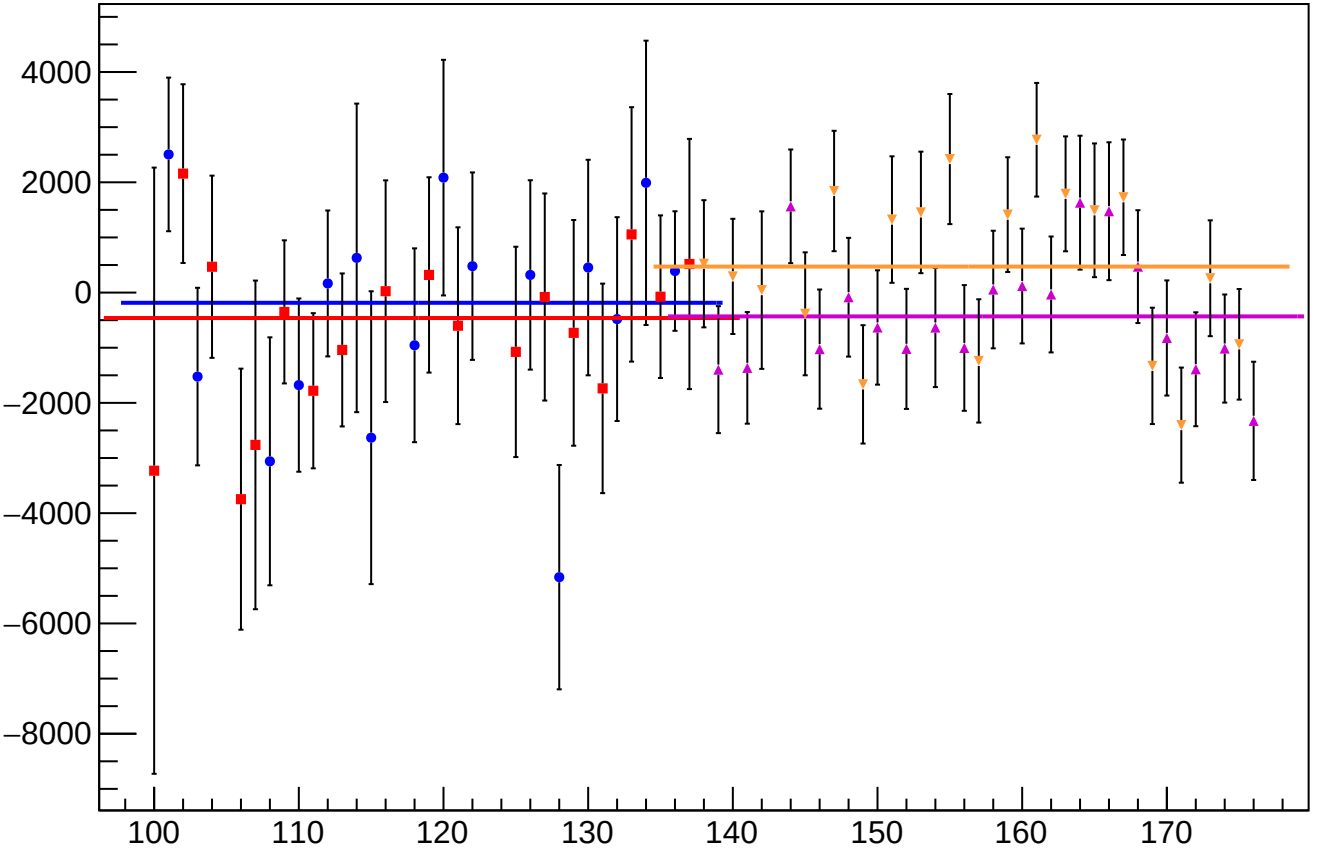
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1813.602+/-0.335 χ^2/NDF:452808.1/18

Out: 1813.878+/-0.340 χ^2/NDF:295138.8/18

All: 1813.738+/-0.239 χ^2/NDF: 747947.3/37

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -185.054+/-431.495 χ^2/NDF: 16.6/15

Left Out: 471.781+/-251.047 χ^2/NDF:34.7/18

Right Out: -461.253+/-426.921 χ^2/NDF: 8.3/17

Left In: -431.975+/-245.914 χ^2/NDF:17.4/18

Left: 10.570+/-175.674 χ^2/NDF: 58.8/37

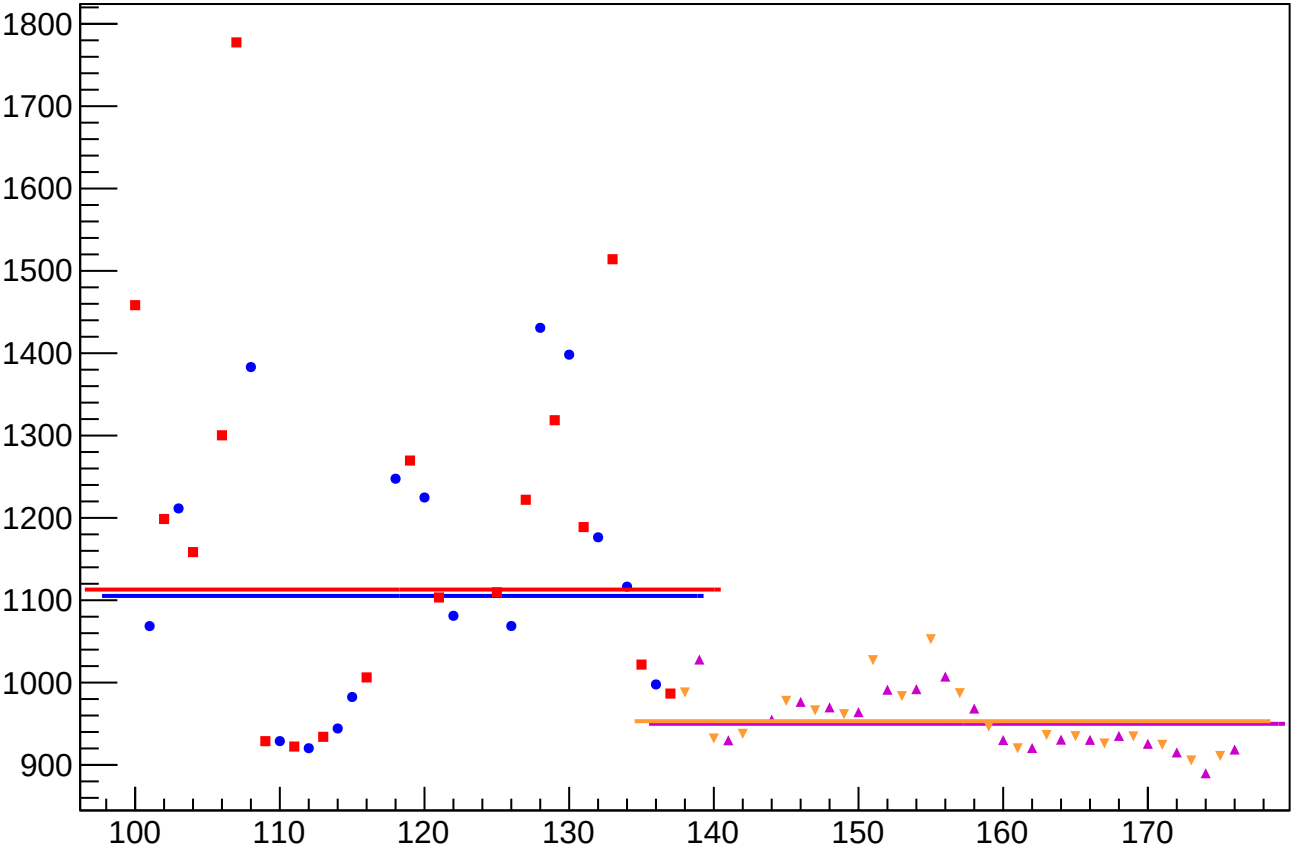
Right: -324.625+/-303.483 χ^2/NDF: 25.2/33

In: -371.437+/-213.653 χ^2/NDF:34.3/34

Out: 232.044+/-216.404 χ^2/NDF:46.6/36

All: -73.558+/-152.039 χ^2/NDF: 84.8/71

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1105.236+/-0.305 χ^2/NDF: 255366.2/15

Left Out: 953.118+/-0.178 χ^2/NDF:44450.9/18

Right Out: 1112.974+/-0.302 χ^2/NDF: 362995.4/17

Left In: 949.952+/-0.174 χ^2/NDF:40117.2/18

Left: 951.502+/-0.124 χ^2/NDF: 84730.4/37

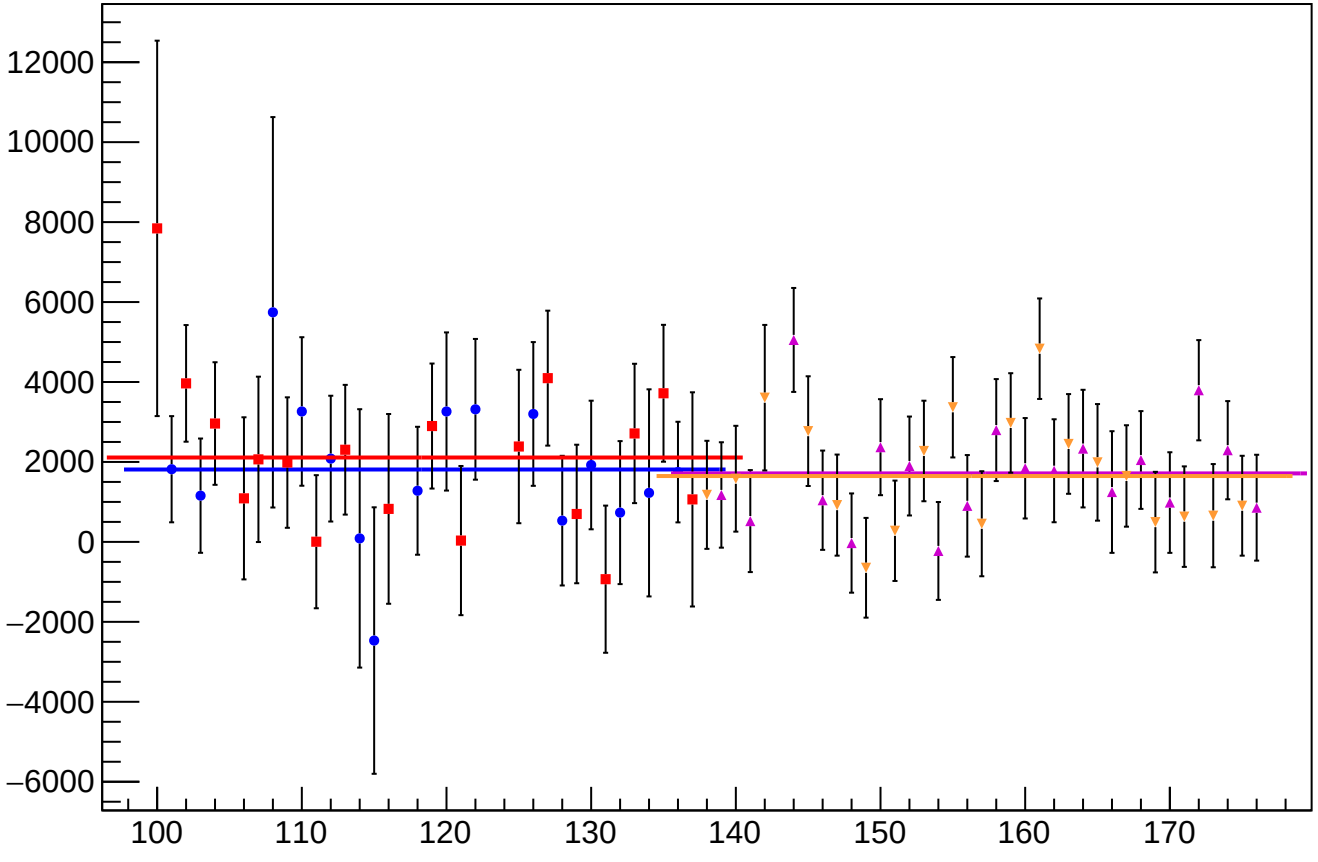
Right: 1109.146+/-0.215 χ^2/NDF: 618686.6/33

In: 988.023+/-0.151 χ^2/NDF:490997.7/34

Out: 994.192+/-0.153 χ^2/NDF:615807.7/36

All: 991.068+/-0.108 χ^2/NDF: 1107628.4/71

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1811.054+/-442.142 χ^2/NDF: 6.5/15

Left Out: 1647.596+/-298.576 χ^2/NDF:20.3/18

Right Out: 2111.004+/-427.676 χ^2/NDF: 13.0/17

Left In: 1713.434+/-293.287 χ^2/NDF:18.0/18

Left: 1681.103+/-209.230 χ^2/NDF: 38.2/37

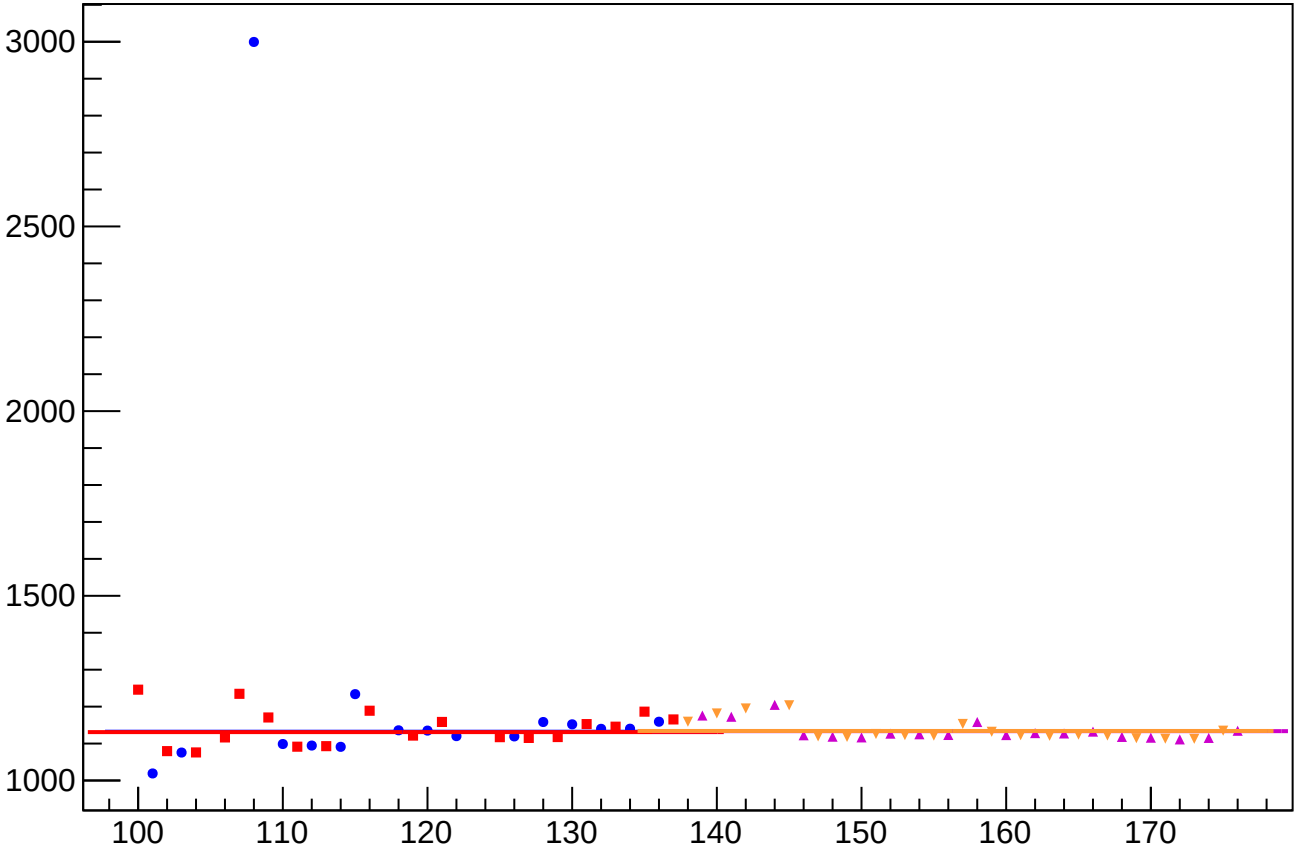
Right: 1966.016+/-307.400 χ^2/NDF: 19.7/33

In: 1743.263+/-244.405 χ^2/NDF:24.4/34

Out: 1799.447+/-244.817 χ^2/NDF:34.1/36

All: 1771.308+/-172.966 χ^2/NDF: 58.6/71

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1132.074+/-0.313 χ^2/NDF: 316026.3/15

Left Out: 1134.086+/-0.211 χ^2/NDF:14339.9/18

Right Out: 1131.016+/-0.302 χ^2/NDF: 19719.1/17

Left In: 1133.597+/-0.207 χ^2/NDF:13839.4/18

Left: 1133.837+/-0.148 χ^2/NDF: 28182.0/37

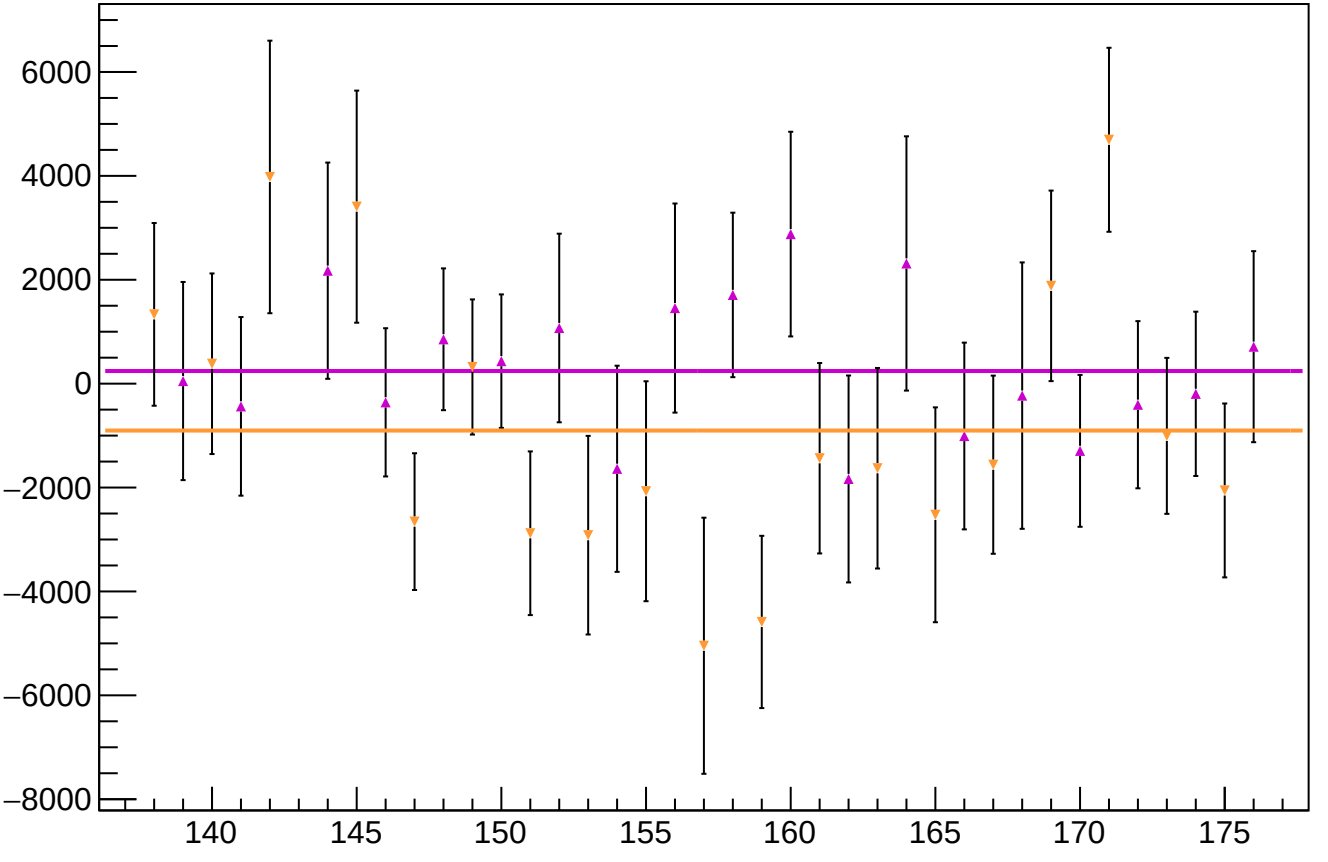
Right: 1131.528+/-0.217 χ^2/NDF: 335751.3/33

In: 1133.132+/-0.173 χ^2/NDF:329882.1/34

Out: 1133.080+/-0.173 χ^2/NDF:34128.3/36

All: 1133.106+/-0.122 χ^2/NDF: 364010.5/71

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -902.523+/-403.150 χ^2/NDF:36.5/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 243.471+/-396.249 χ^2/NDF:9.3/18

Left: -319.632+/-282.599 χ^2/NDF: 49.9/37

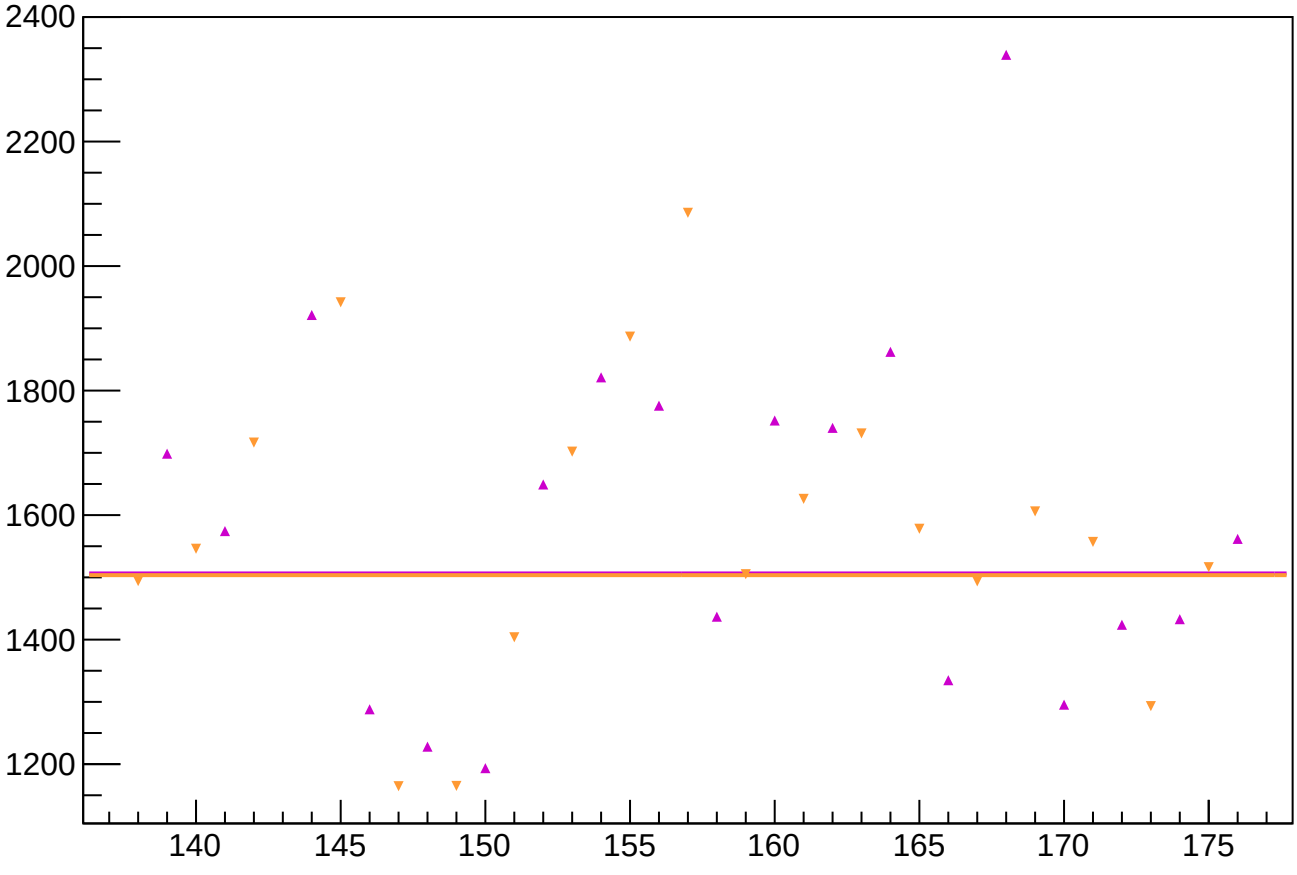
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 243.471+/-396.249 χ^2/NDF:9.3/18

Out: -902.523+/-403.150 χ^2/NDF:36.5/18

All: -319.632+/-282.599 χ^2/NDF: 49.9/37

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1503.554+/-0.285 χ^2/NDF:652960.0/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1506.281+/-0.280 χ^2/NDF:837098.3/18

Left: 1504.941+/-0.200 χ^2/NDF: 1490104.8/37

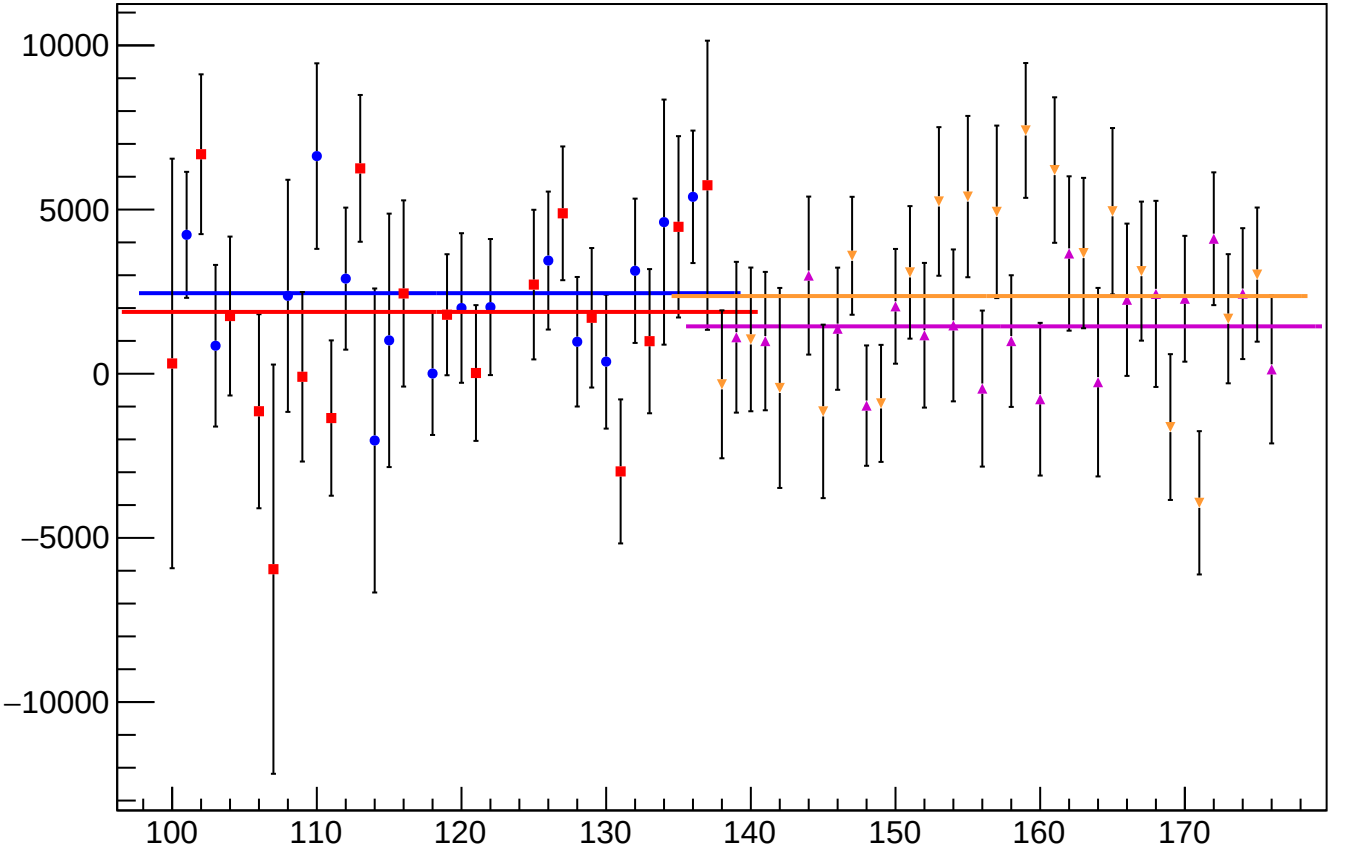
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1506.281+/-0.280 χ^2/NDF:837098.3/18

Out: 1503.554+/-0.285 χ^2/NDF:652960.0/18

All: 1504.941+/-0.200 χ^2/NDF: 1490104.8/37

asym_usl_mean vs Slug, Sign Corrected



Right In: 2453.670+/-584.307 χ^2/NDF: 10.8/15

Left Out: 2365.721+/-502.889 χ^2/NDF:34.8/18

Right Out: 1882.755+/-583.188 χ^2/NDF: 22.8/17

Left In: 1442.877+/-494.899 χ^2/NDF:8.0/18

Left: 1896.910+/-352.738 χ^2/NDF: 44.4/37

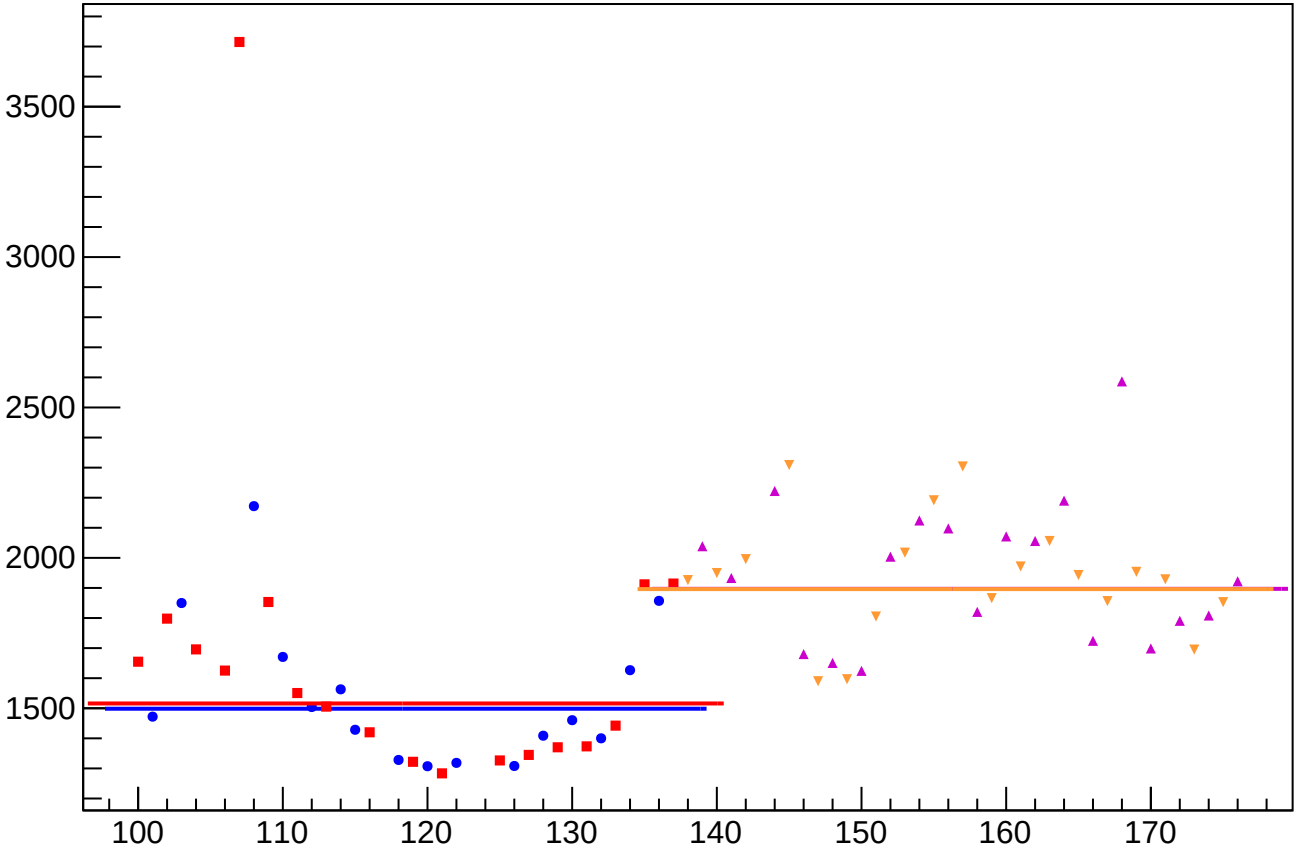
Right: 2167.665+/-412.771 χ^2/NDF: 34.0/33

In: 1865.105+/-377.644 χ^2/NDF:20.5/34

Out: 2159.752+/-380.848 χ^2/NDF:57.9/36

All: 2011.184+/-268.160 χ^2/NDF: 78.7/71

asym_usl_rms vs Slug, Sign Corrected



Right In: 1498.485+/-0.413 χ^2/NDF: 258807.5/15

Left Out: 1896.195+/-0.356 χ^2/NDF:291423.2/18

Right Out: 1515.949+/-0.412 χ^2/NDF: 480541.4/17

Left In: 1897.050+/-0.350 χ^2/NDF:399875.2/18

Left: 1896.629+/-0.249 χ^2/NDF: 691301.3/37

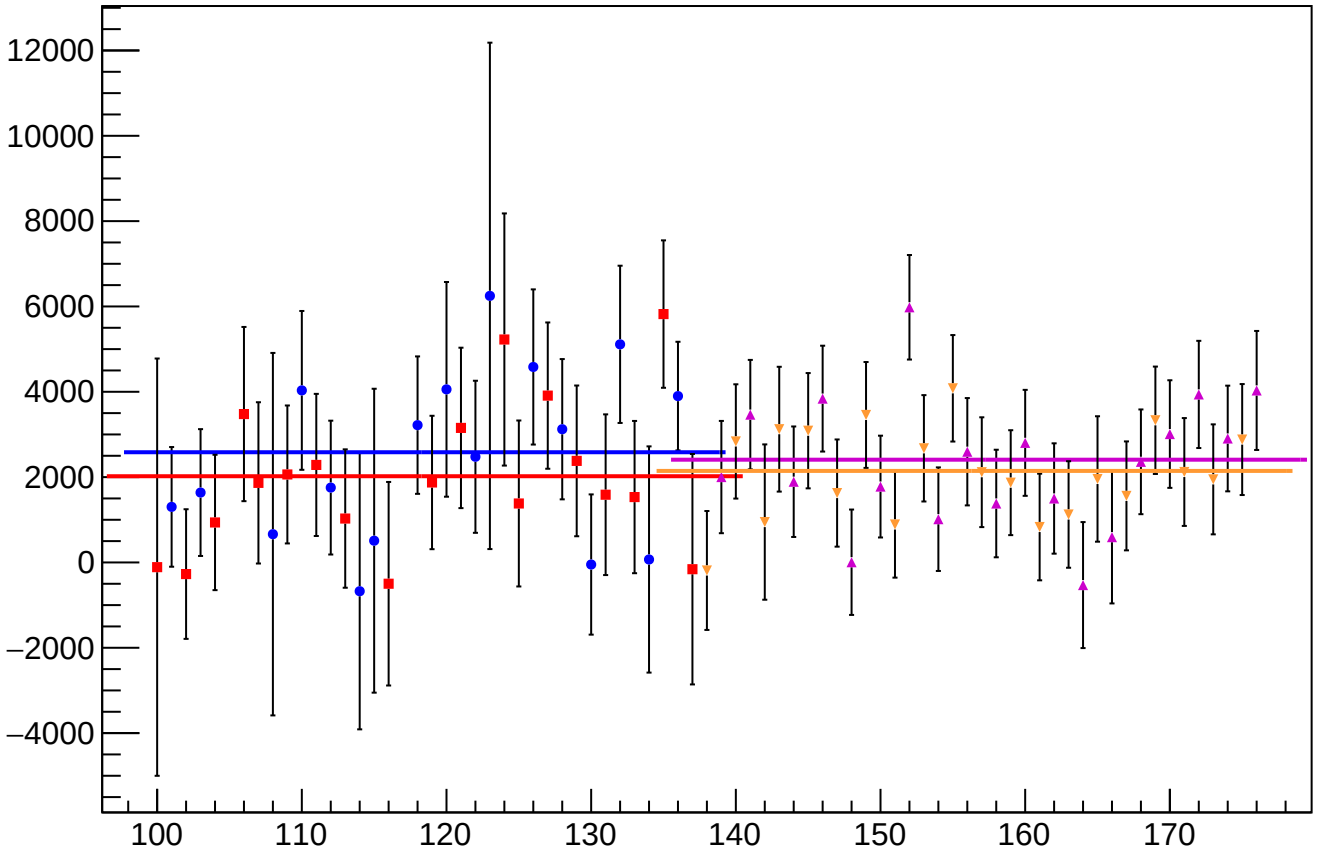
Right: 1507.233+/-0.292 χ^2/NDF: 740243.9/33

In: 1730.561+/-0.267 χ^2/NDF:1200532.0/34

Out: 1734.032+/-0.269 χ^2/NDF:1259606.0/36

All: 1732.282+/-0.190 χ^2/NDF: 2460221.8/71

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2582.988+/-453.193 χ^2/NDF: 12.3/16

Left Out: 2145.293+/-292.655 χ^2/NDF:12.6/19

Right Out: 2020.735+/-426.756 χ^2/NDF: 13.5/18

Left In: 2408.245+/-293.515 χ^2/NDF:26.0/18

Left: 2276.383+/-207.242 χ^2/NDF: 39.0/38

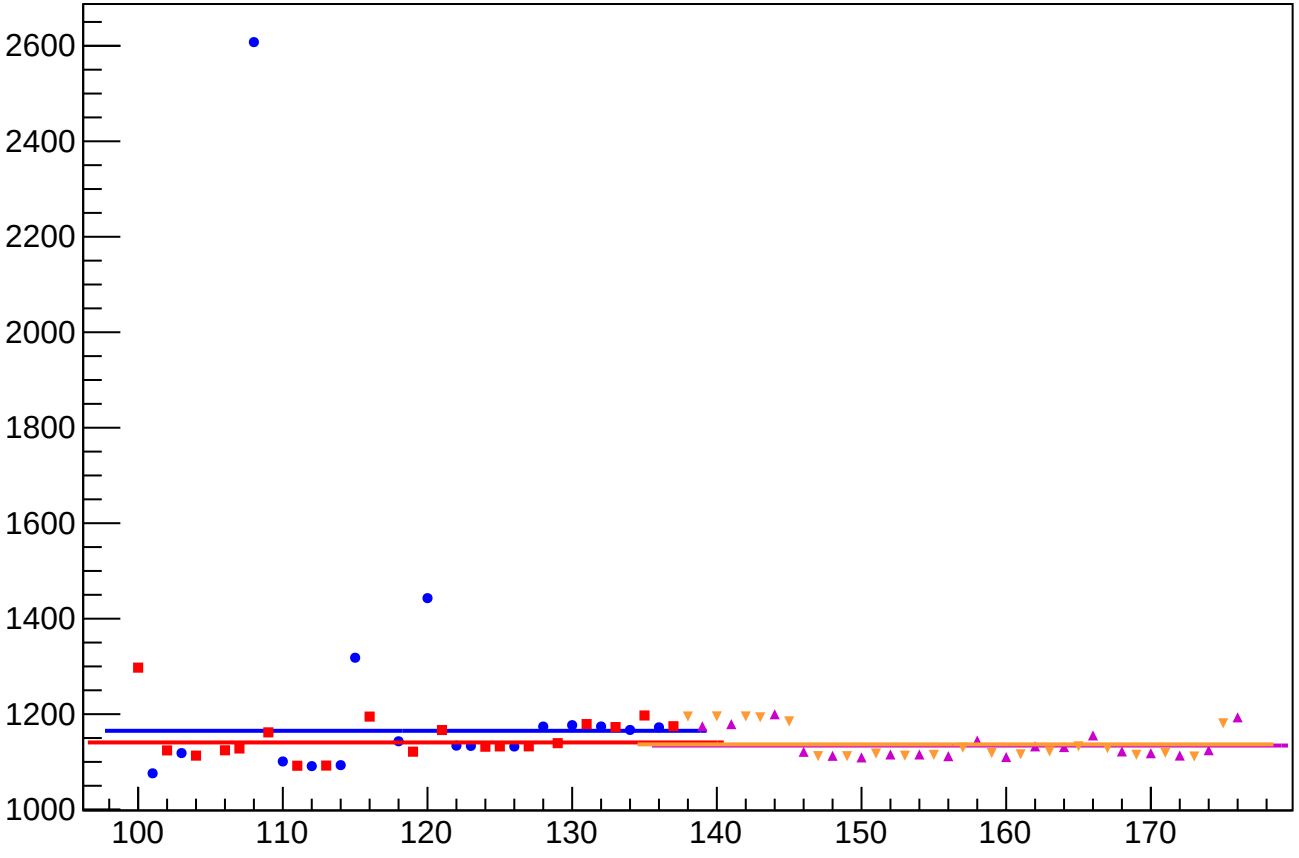
Right: 2284.984+/-310.688 χ^2/NDF: 26.6/35

In: 2459.883+/-246.359 χ^2/NDF:38.4/35

Out: 2105.452+/-241.355 χ^2/NDF:26.2/38

All: 2279.032+/-172.406 χ^2/NDF: 65.6/74

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1165.146+/-0.320 χ^2/NDF: 278570.1/16

Left Out: 1136.691+/-0.207 χ^2/NDF:23828.9/19

Right Out: 1140.752+/-0.302 χ^2/NDF: 12717.7/18

Left In: 1134.288+/-0.208 χ^2/NDF:18785.1/18

Left: 1135.493+/-0.147 χ^2/NDF: 42681.1/38

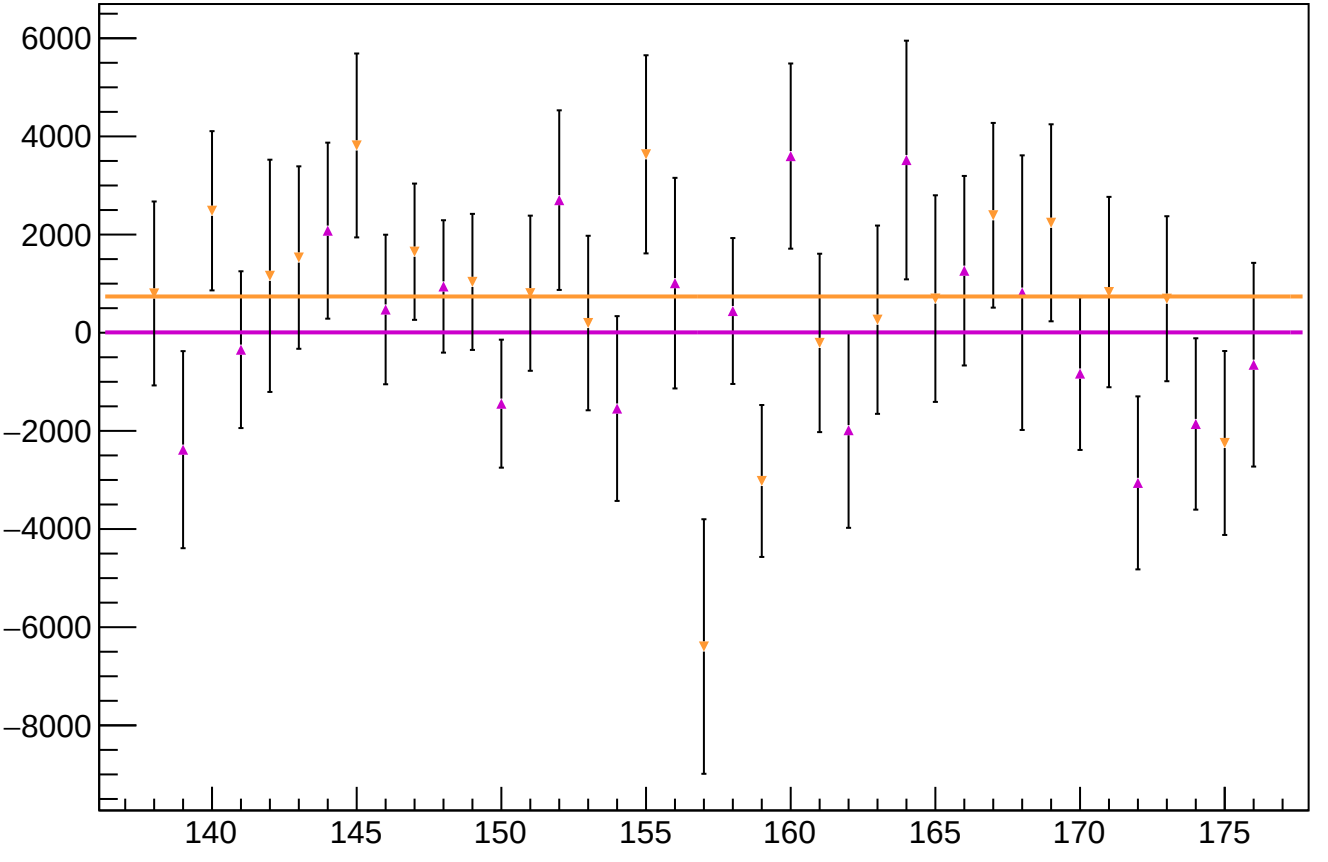
Right: 1152.217+/-0.220 χ^2/NDF: 294359.2/35

In: 1143.407+/-0.174 χ^2/NDF:303887.7/35

Out: 1137.990+/-0.171 χ^2/NDF:36669.7/38

All: 1140.643+/-0.122 χ^2/NDF: 341050.8/74

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 738.508+/-400.955 χ^2/NDF:24.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 6.813+/-402.801 χ^2/NDF:19.6/18

Left: 374.341+/-284.168 χ^2/NDF: 45.6/38

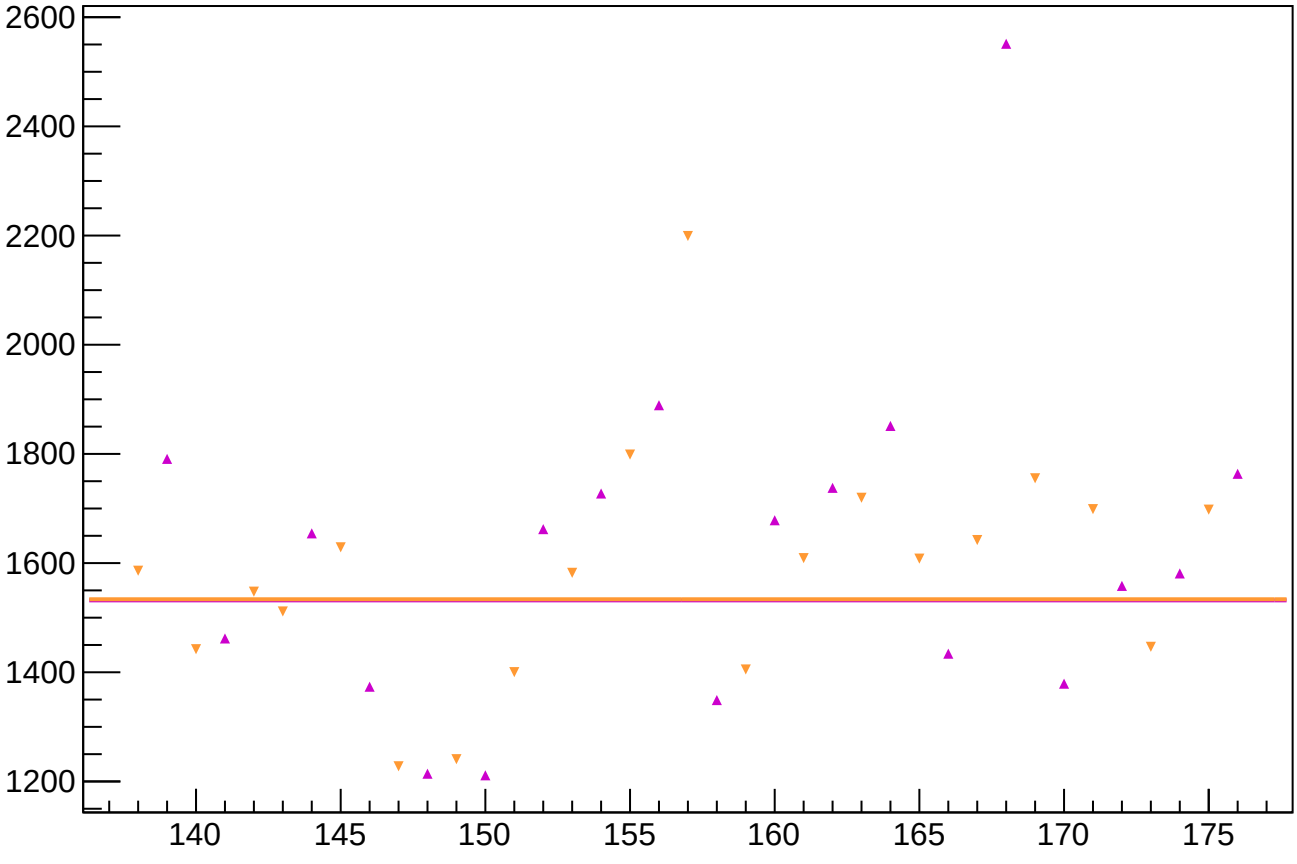
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 6.813+/-402.801 χ^2/NDF:19.6/18

Out: 738.508+/-400.955 χ^2/NDF:24.4/19

All: 374.341+/-284.168 χ^2/NDF: 45.6/38

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1533.713+/-0.284 χ^2/NDF:486612.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1531.756+/-0.285 χ^2/NDF:802302.9/18

Left: 1532.739+/-0.201 χ^2/NDF: 1288938.6/38

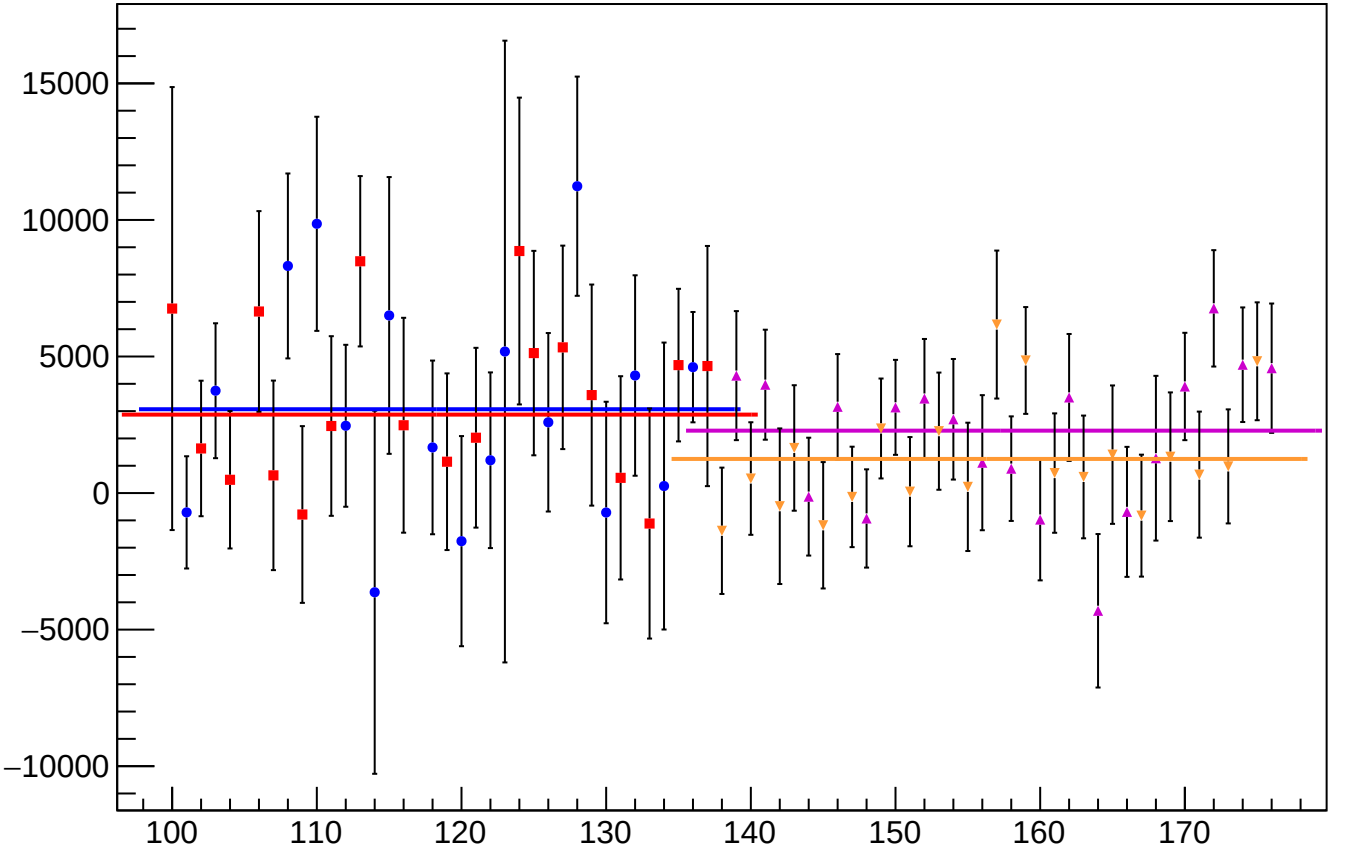
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1531.756+/-0.285 χ^2/NDF:802302.9/18

Out: 1533.713+/-0.284 χ^2/NDF:486612.0/19

All: 1532.739+/-0.201 χ^2/NDF: 1288938.6/38

asym_usr_mean vs Slug, Sign Corrected



Right In: 3069.484+/-797.741 χ^2/NDF: 18.5/16

Left Out: 1249.516+/-491.561 χ^2/NDF:15.2/19

Right Out: 2872.615+/-795.352 χ^2/NDF: 11.6/18

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

Left: 1764.079+/-348.710 χ^2/NDF: 41.7/38

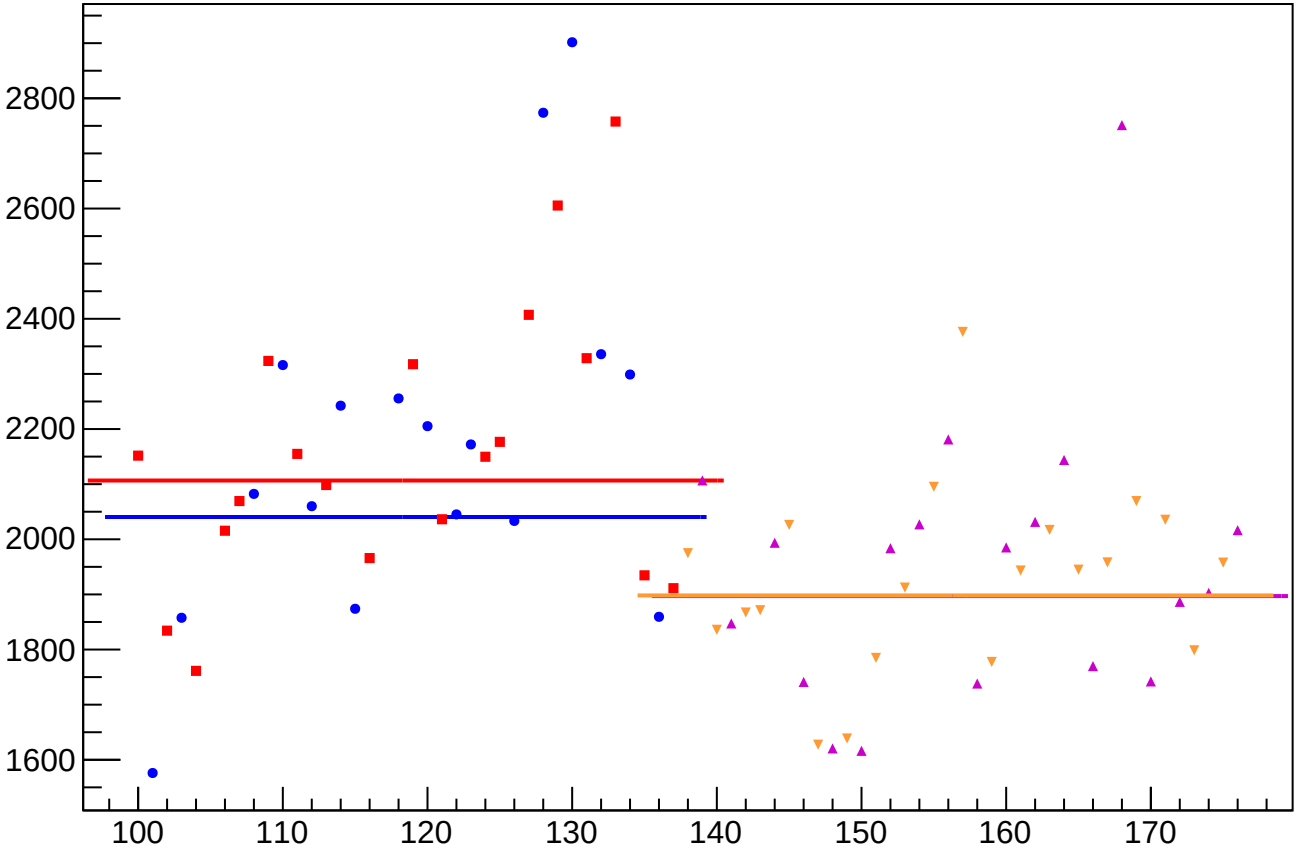
Right: 2970.754+/-563.242 χ^2/NDF: 30.1/35

In: 2503.180+/-420.458 χ^2/NDF:43.6/35

Out: 1698.137+/-418.145 χ^2/NDF:29.8/38

All: 2098.438+/-296.488 χ^2/NDF: 75.2/74

asym_usr_rms vs Slug, Sign Corrected



Right In: 2040.433+/-0.564 χ^2/NDF: 331339.9/16

Left Out: 1898.160+/-0.348 χ^2/NDF:217003.6/19

Right Out: 2106.624+/-0.562 χ^2/NDF: 195414.9/18

Left In: 1896.994+/-0.350 χ^2/NDF:392728.0/18

Left: 1897.581+/-0.247 χ^2/NDF: 609737.2/38

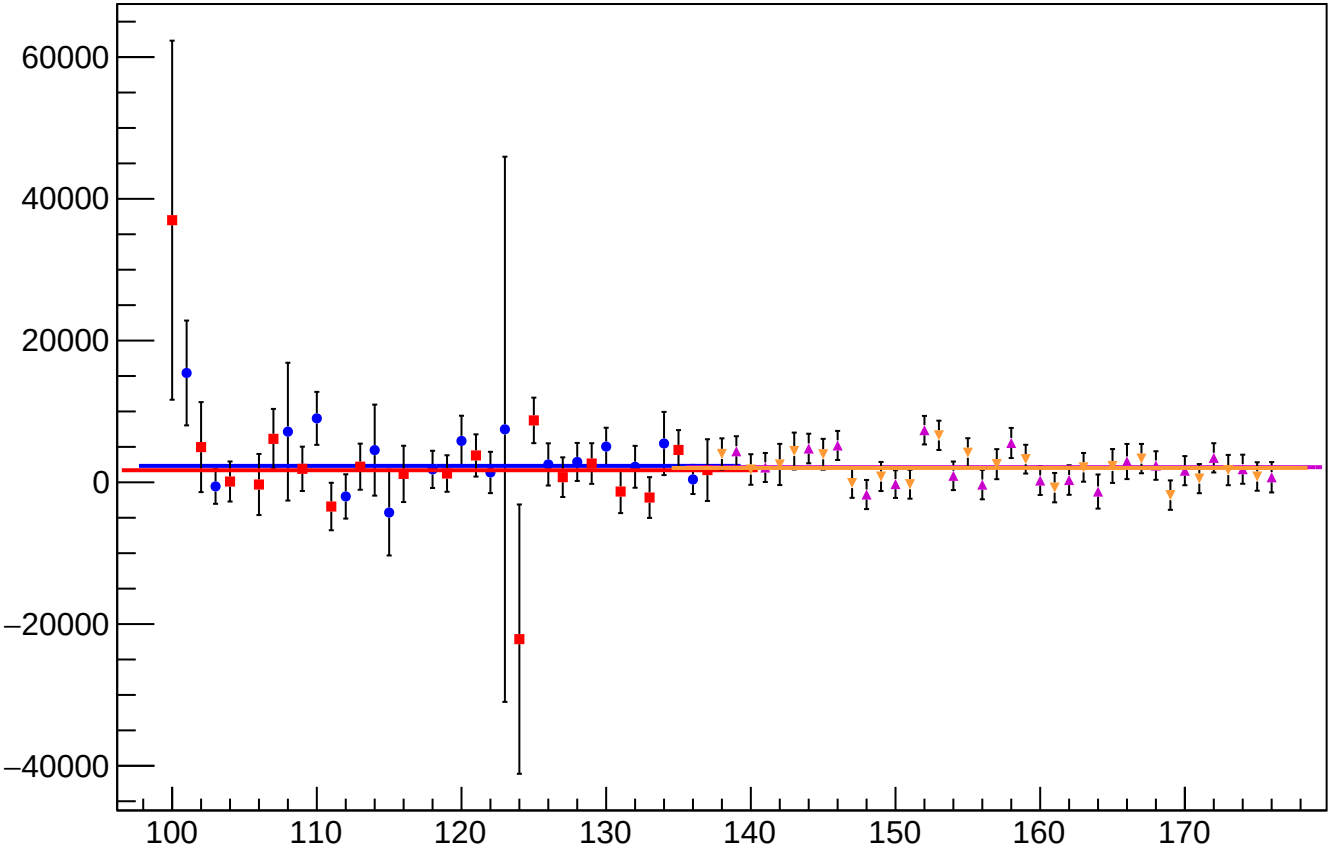
Right: 2073.628+/-0.398 χ^2/NDF: 533659.8/35

In: 1936.841+/-0.297 χ^2/NDF:770766.6/35

Out: 1955.779+/-0.296 χ^2/NDF:511838.2/38

All: 1946.362+/-0.210 χ^2/NDF: 1284644.7/74

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2319.038+/-801.440 χ^2/NDF: 14.8/16

Left Out: 2026.012+/-478.879 χ^2/NDF:18.2/19

Right Out: 1705.508+/-782.848 χ^2/NDF: 17.2/18

Left In: 2136.379+/-479.407 χ^2/NDF:25.7/18

Left: 2081.135+/-338.805 χ^2/NDF: 43.9/38

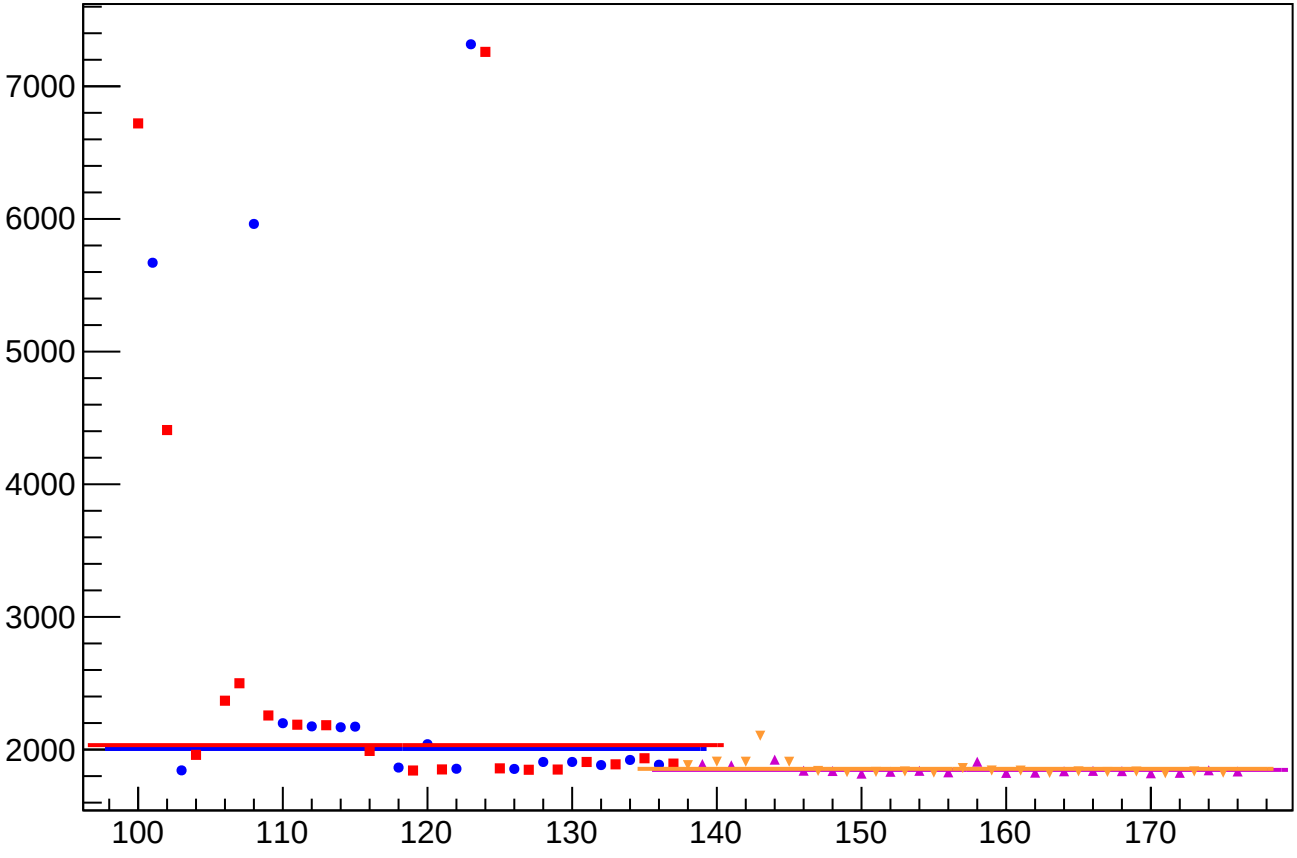
Right: 2005.073+/-560.015 χ^2/NDF: 32.3/35

In: 2184.514+/-411.418 χ^2/NDF:40.6/35

Out: 1938.738+/-408.509 χ^2/NDF:35.4/38

All: 2060.754+/-289.883 χ^2/NDF: 76.2/74

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2004.551+/-0.567 χ^2/NDF: 916013.4/16

Left Out: 1854.717+/-0.339 χ^2/NDF:25459.2/19

Right Out: 2033.490+/-0.554 χ^2/NDF: 611009.8/18

Left In: 1846.803+/-0.339 χ^2/NDF:7716.6/18

Left: 1850.764+/-0.240 χ^2/NDF: 33448.6/38

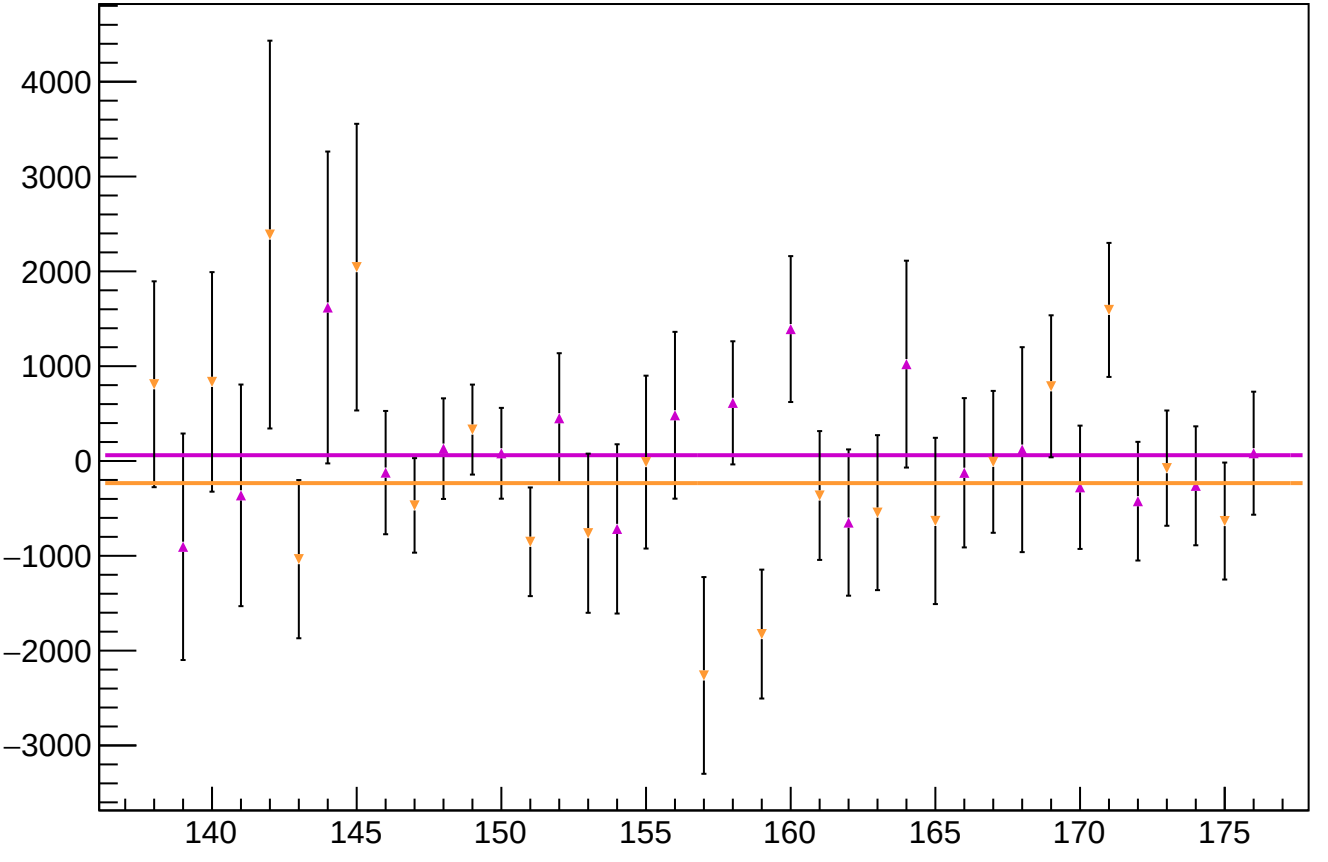
Right: 2019.360+/-0.396 χ^2/NDF: 1528357.7/35

In: 1888.374+/-0.291 χ^2/NDF:980794.7/35

Out: 1903.397+/-0.289 χ^2/NDF:712368.0/38

All: 1895.939+/-0.205 χ^2/NDF: 1694505.6/74

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -233.318+/-164.832 χ^2/NDF:28.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 61.022+/-167.504 χ^2/NDF:9.6/18

Left: -88.514+/-117.487 χ^2/NDF: 39.9/38

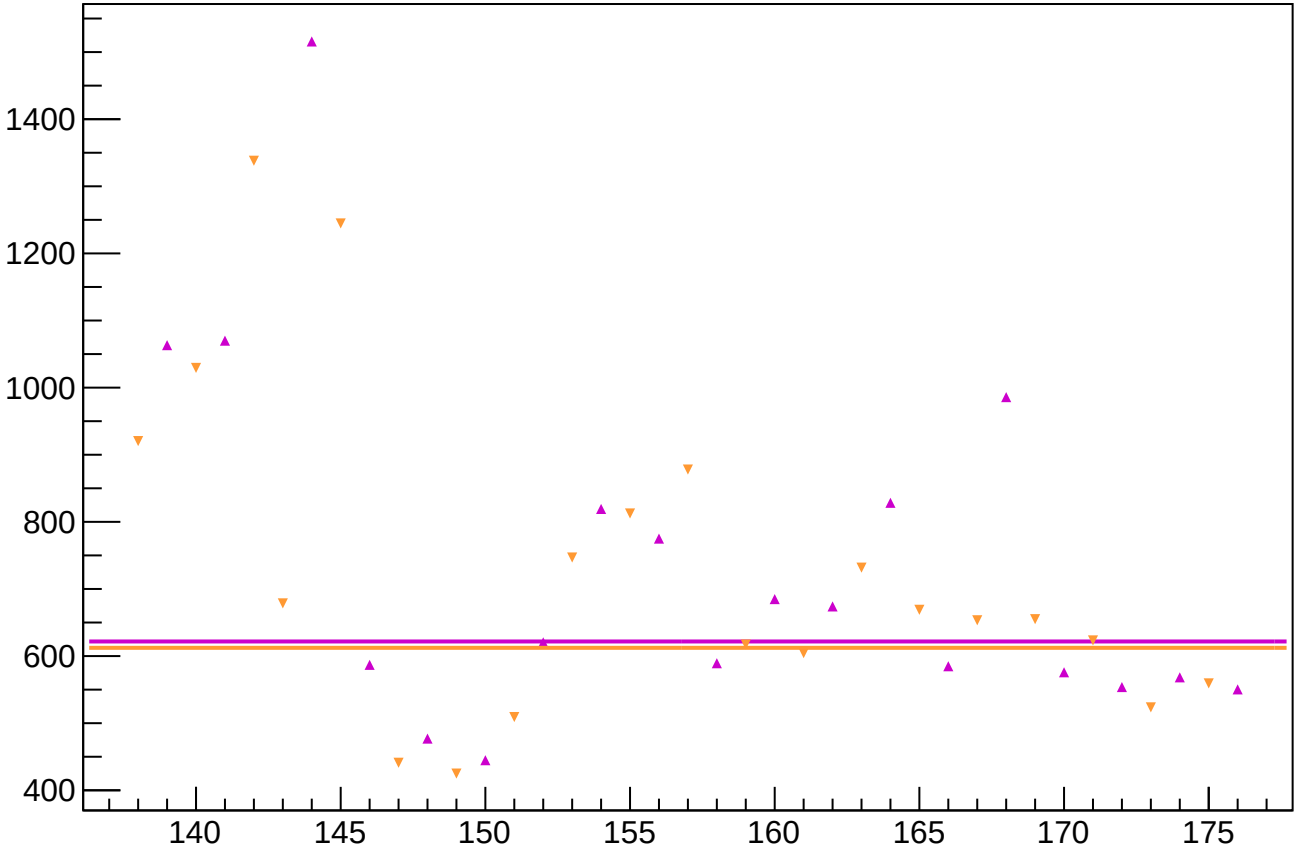
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.022+/-167.504 χ^2/NDF:9.6/18

Out: -233.318+/-164.832 χ^2/NDF:28.7/19

All: -88.514+/-117.487 χ^2/NDF: 39.9/38

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 612.298+/-0.117 χ^2/NDF:2048685.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 621.767+/-0.118 χ^2/NDF:2147701.6/18

Left: 616.956+/-0.083 χ^2/NDF: 4199633.5/38

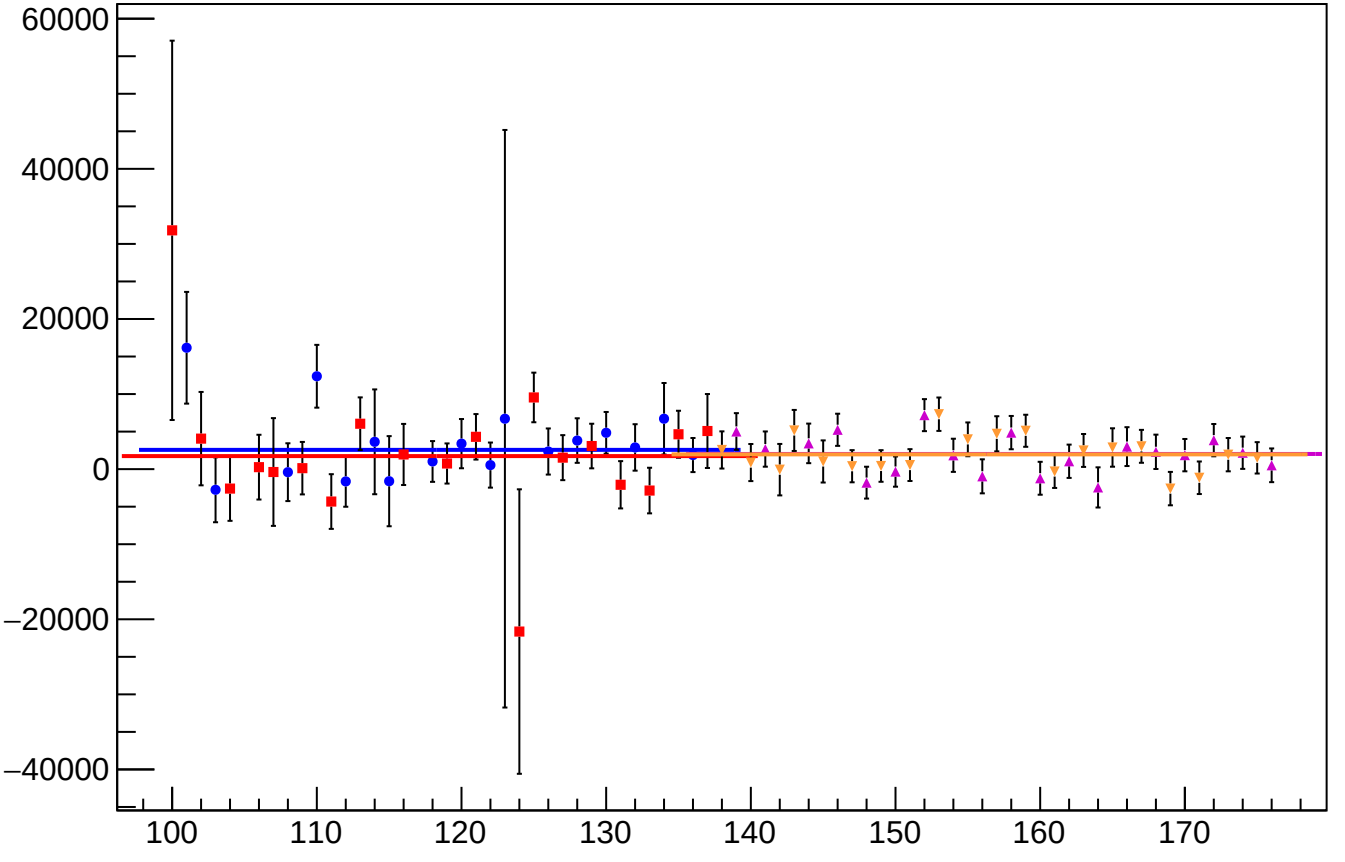
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 621.767+/-0.118 χ^2/NDF:2147701.6/18

Out: 612.298+/-0.117 χ^2/NDF:2048685.1/19

All: 616.956+/-0.083 χ^2/NDF: 4199633.5/38

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2566.797+/-856.089 χ^2/NDF: 15.6/16

Left Out: 1968.123+/-515.352 χ^2/NDF:21.5/19

Right Out: 1737.684+/-853.181 χ^2/NDF: 20.5/18

Left In: 2021.212+/-517.066 χ^2/NDF:24.5/18

Left: 1994.579+/-365.014 χ^2/NDF: 46.0/38

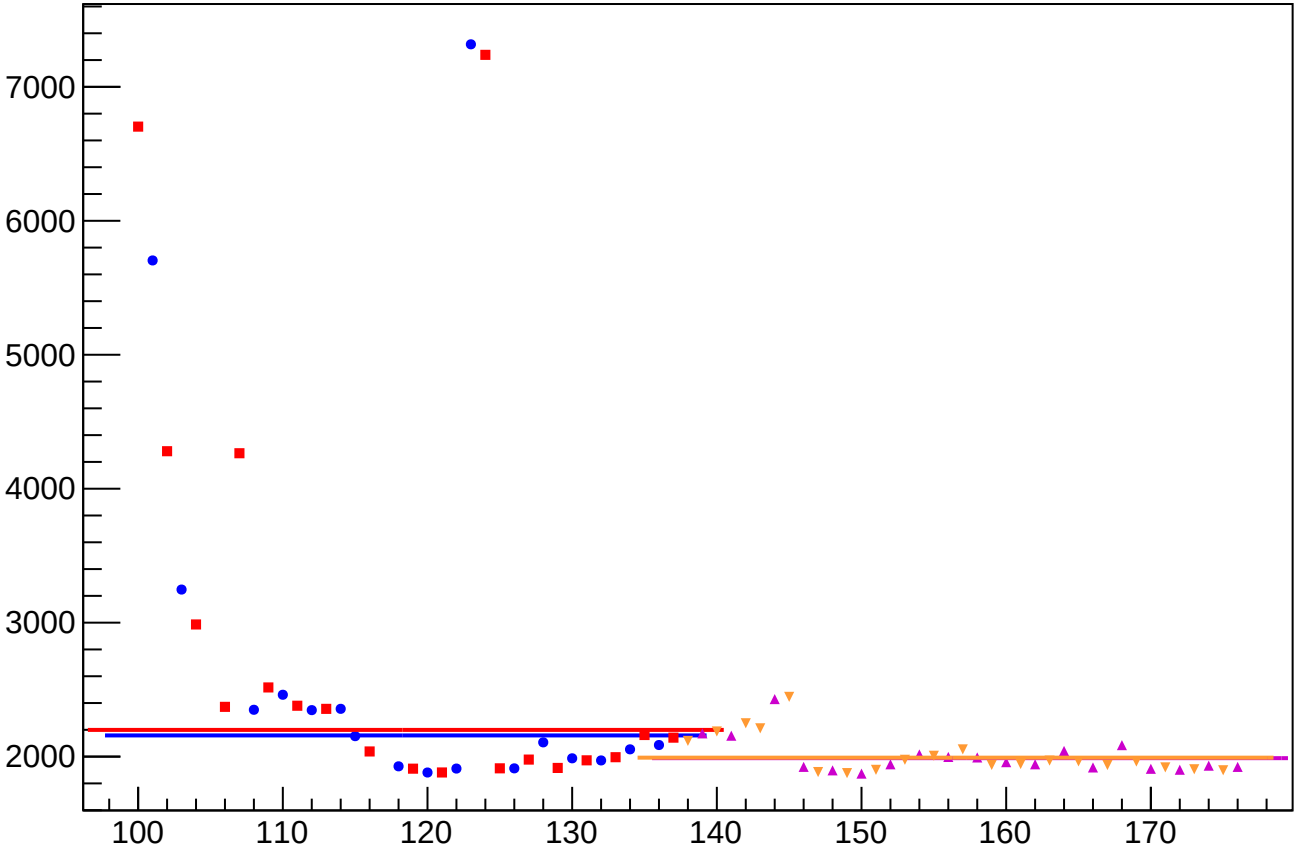
Right: 2150.830+/-604.316 χ^2/NDF: 36.5/35

In: 2167.042+/-442.600 χ^2/NDF:40.3/35

Out: 1906.521+/-441.124 χ^2/NDF:42.1/38

All: 2036.346+/-312.442 χ^2/NDF: 82.6/74

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2158.148+/-0.605 χ^2/NDF: 713862.1/16

Left Out: 1992.139+/-0.364 χ^2/NDF:124008.3/19

Right Out: 2199.343+/-0.603 χ^2/NDF: 803022.0/18

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

Left: 1990.292+/-0.258 χ^2/NDF: 231096.4/38

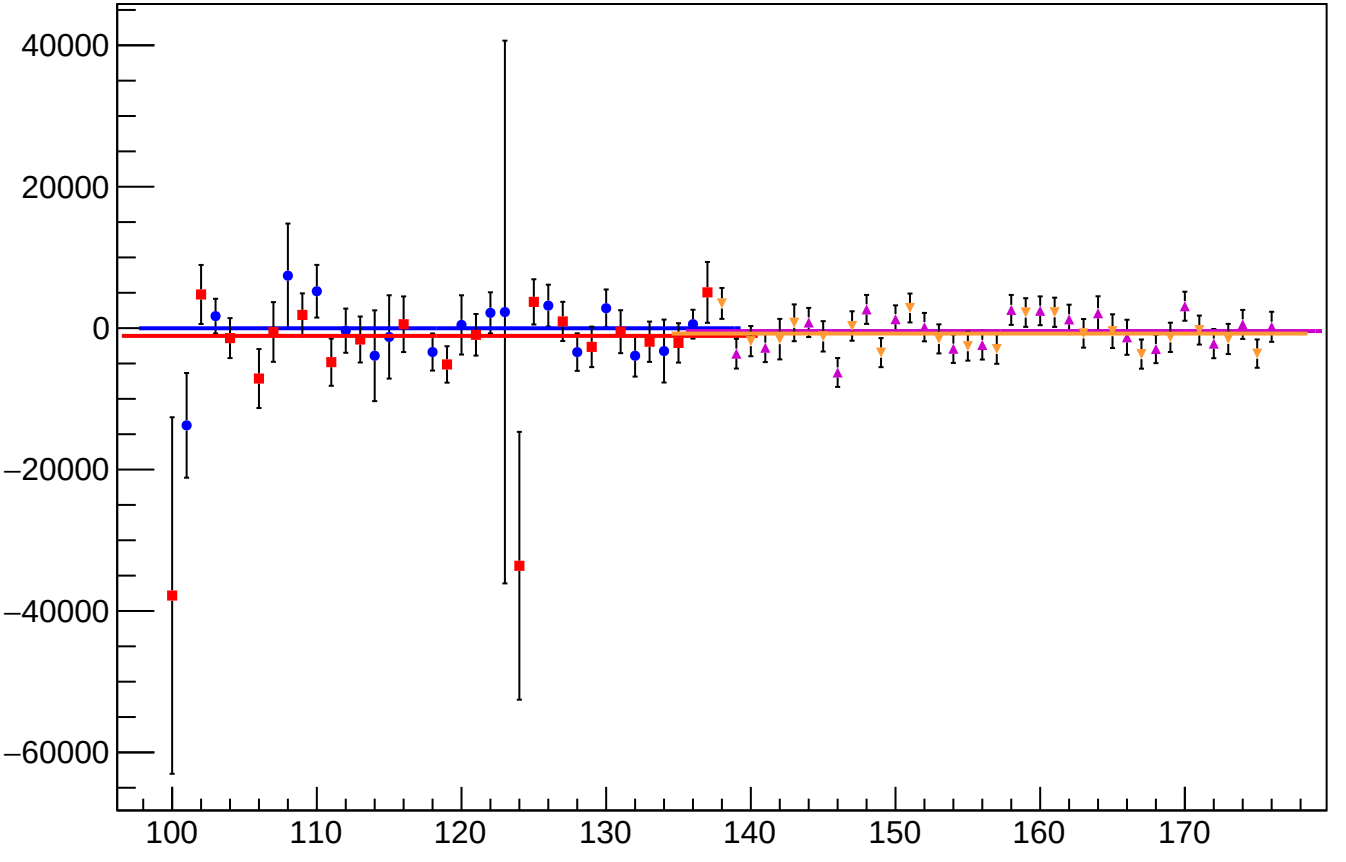
Right: 2178.816+/-0.427 χ^2/NDF: 1519207.5/35

In: 2033.796+/-0.313 χ^2/NDF:878491.6/35

Out: 2047.530+/-0.312 χ^2/NDF:1013459.2/38

All: 2040.686+/-0.221 χ^2/NDF: 1892916.8/74

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -18.275+/-801.405 χ^2/NDF: 15.8/16

Left Out: -766.225+/-476.923 χ^2/NDF:20.1/19

Right Out: -1095.433+/-769.722 χ^2/NDF: 19.4/18

Left In: -413.866+/-477.722 χ^2/NDF:29.1/18

Left: -590.340+/-337.517 χ^2/NDF: 49.5/38

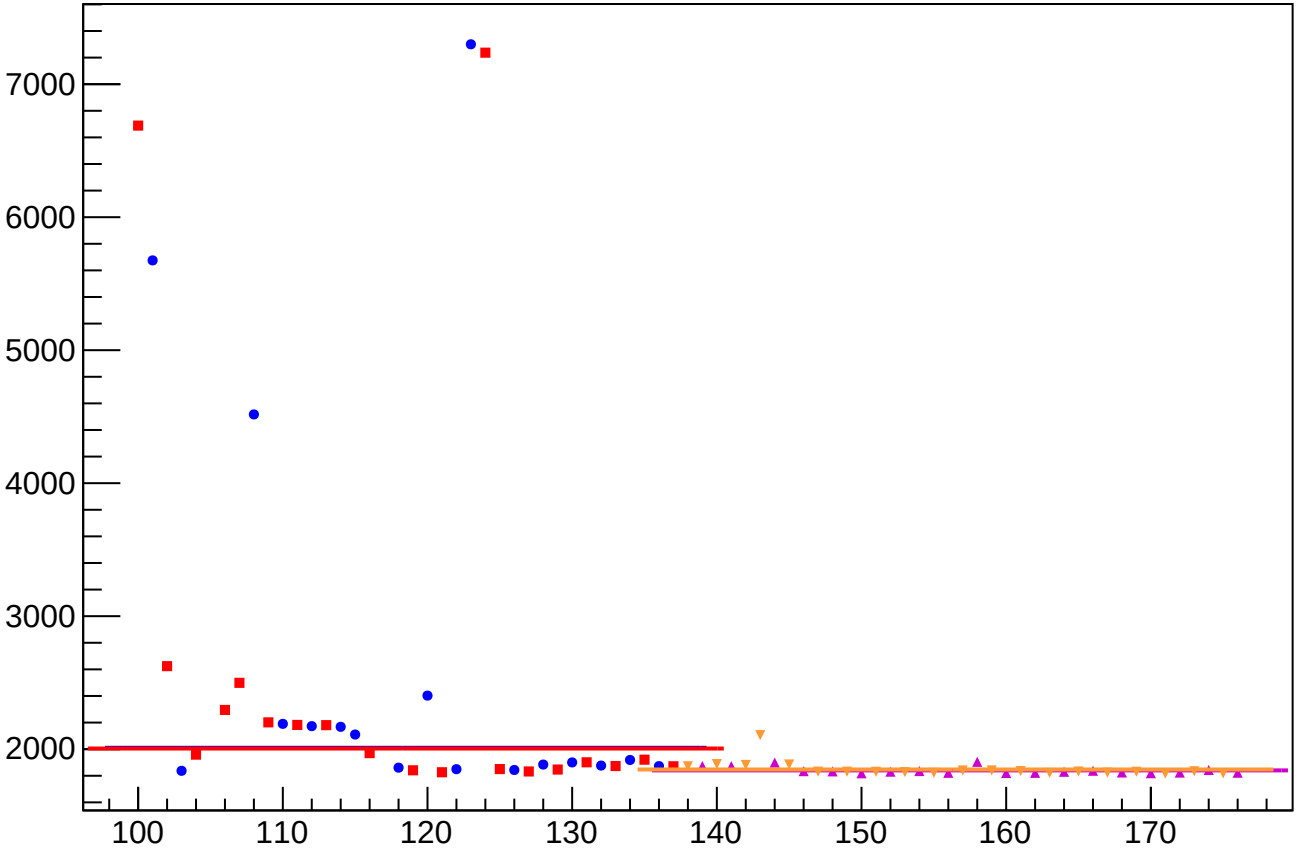
Right: -578.567+/-555.139 χ^2/NDF: 36.2/35

In: -310.151+/-410.346 χ^2/NDF:45.1/35

Out: -857.550+/-405.410 χ^2/NDF:39.7/38

All: -587.163+/-288.398 χ^2/NDF: 85.7/74

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2010.272+/-0.567 χ^2/NDF: 839746.7/16

Left Out: 1847.229+/-0.337 χ^2/NDF:24235.9/19

Right Out: 2004.882+/-0.544 χ^2/NDF: 367513.0/18

Left In: 1840.386+/-0.338 χ^2/NDF:5950.1/18

Left: 1843.813+/-0.239 χ^2/NDF: 30391.5/38

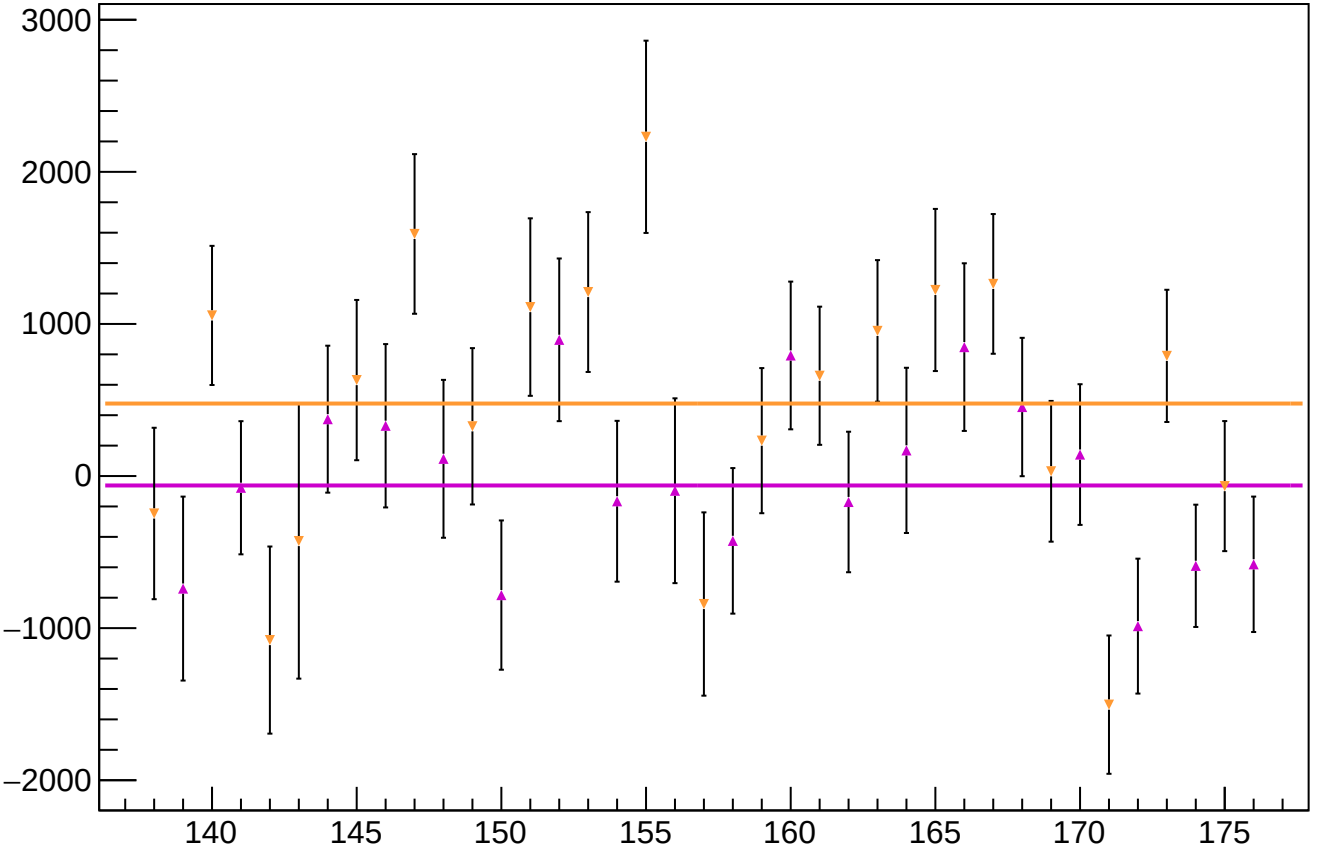
Right: 2007.469+/-0.393 χ^2/NDF: 1207306.7/35

In: 1884.926+/-0.290 χ^2/NDF:912009.4/35

Out: 1890.964+/-0.287 χ^2/NDF:452375.5/38

All: 1887.981+/-0.204 χ^2/NDF: 1364603.9/74

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 476.671+/-113.954 χ^2/NDF:59.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -62.005+/-112.404 χ^2/NDF:23.7/18

Left: 203.646+/-80.024 χ^2/NDF: 94.3/38

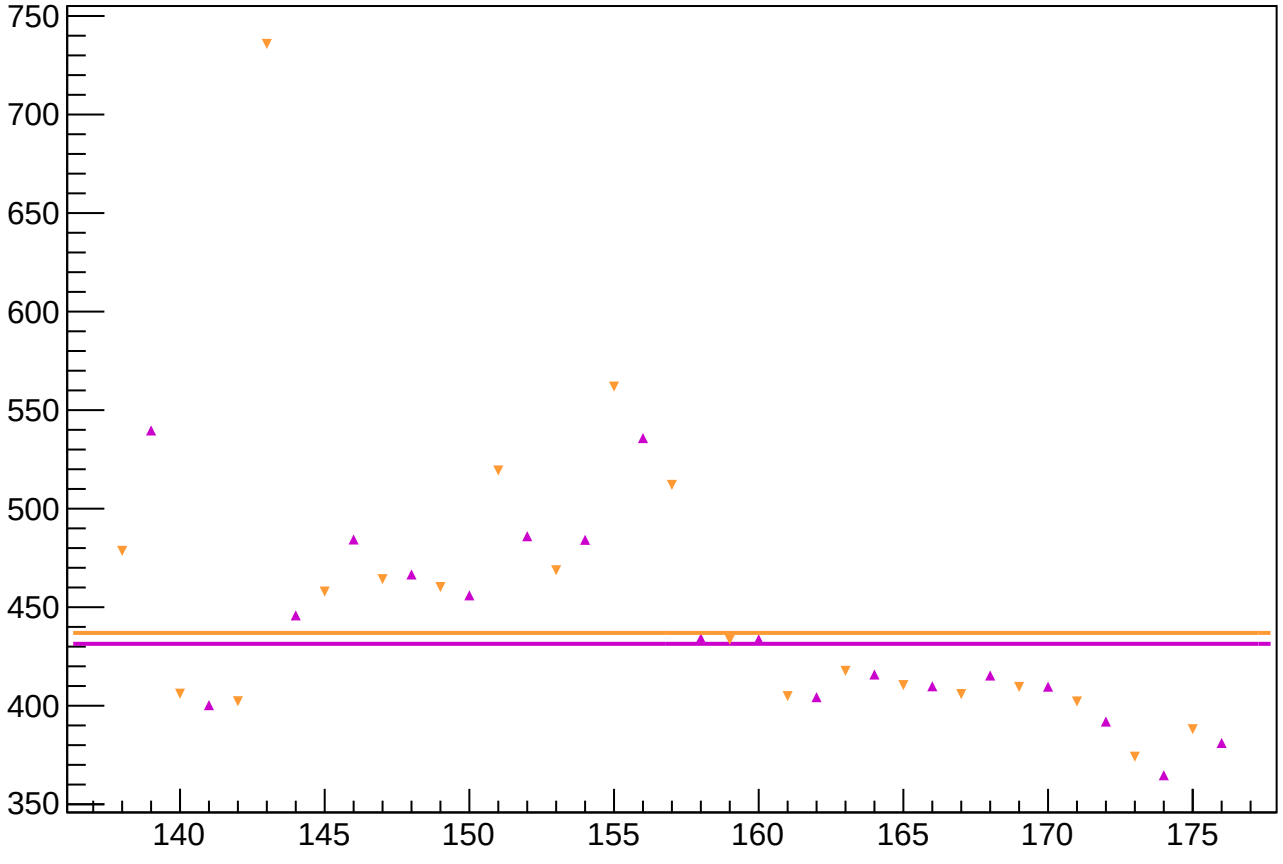
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -62.005+/-112.404 χ^2/NDF:23.7/18

Out: 476.671+/-113.954 χ^2/NDF:59.3/19

All: 203.646+/-80.024 χ^2/NDF: 94.3/38

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 436.952+/-0.081 χ^2/NDF:527985.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 431.419+/-0.079 χ^2/NDF:324462.4/18

Left: 434.148+/-0.057 χ^2/NDF: 854838.2/38

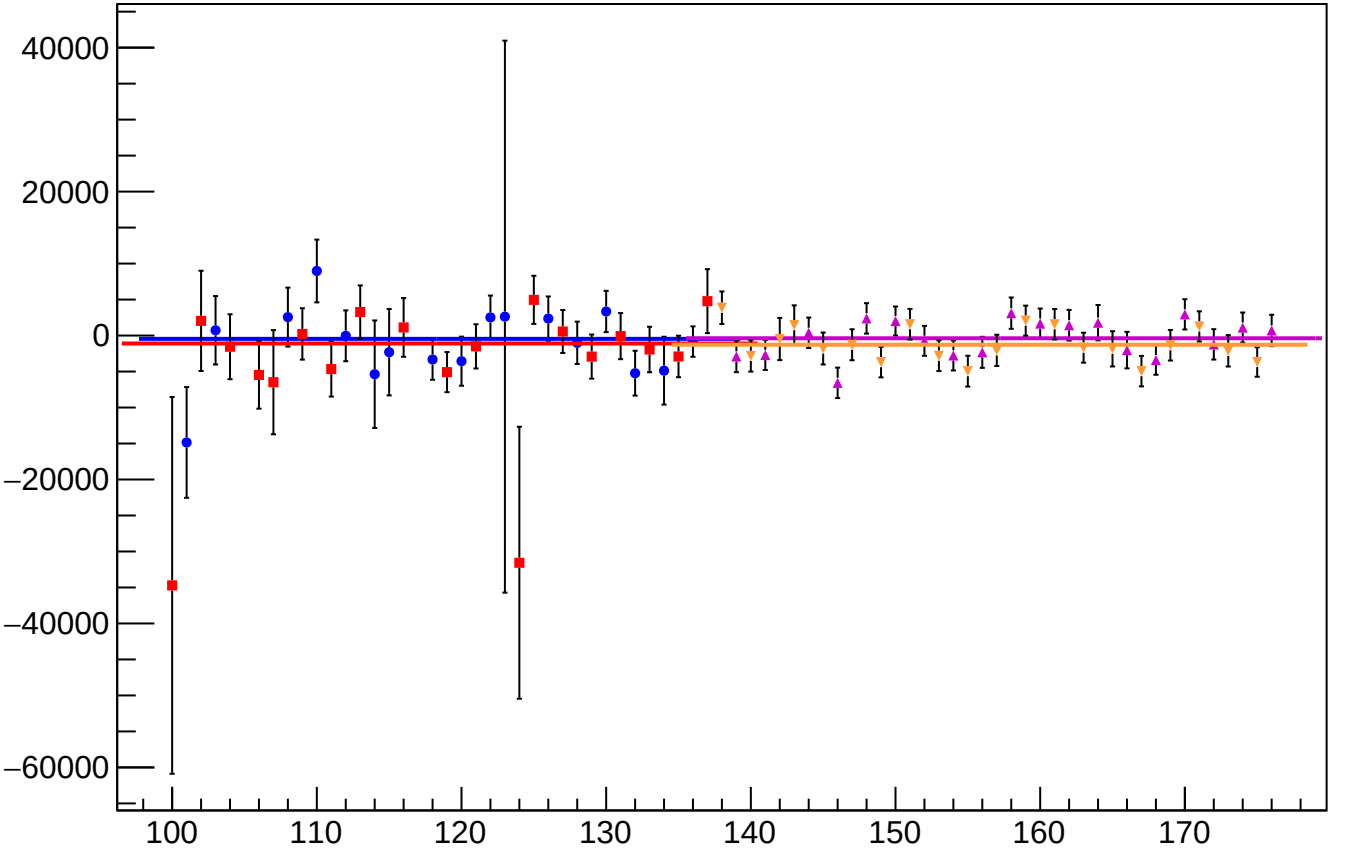
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 431.419+/-0.079 χ^2/NDF:324462.4/18

Out: 436.952+/-0.081 χ^2/NDF:527985.5/19

All: 434.148+/-0.057 χ^2/NDF: 854838.2/38

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -458.311+/-865.151 χ^2/NDF: 18.1/16

Left Out: -1272.506+/-491.398 χ^2/NDF:23.9/19

Right Out: -1104.312+/-867.160 χ^2/NDF: 16.9/18

Left In: -378.835+/-491.403 χ^2/NDF:27.6/18

Left: -825.675+/-347.473 χ^2/NDF: 53.2/38

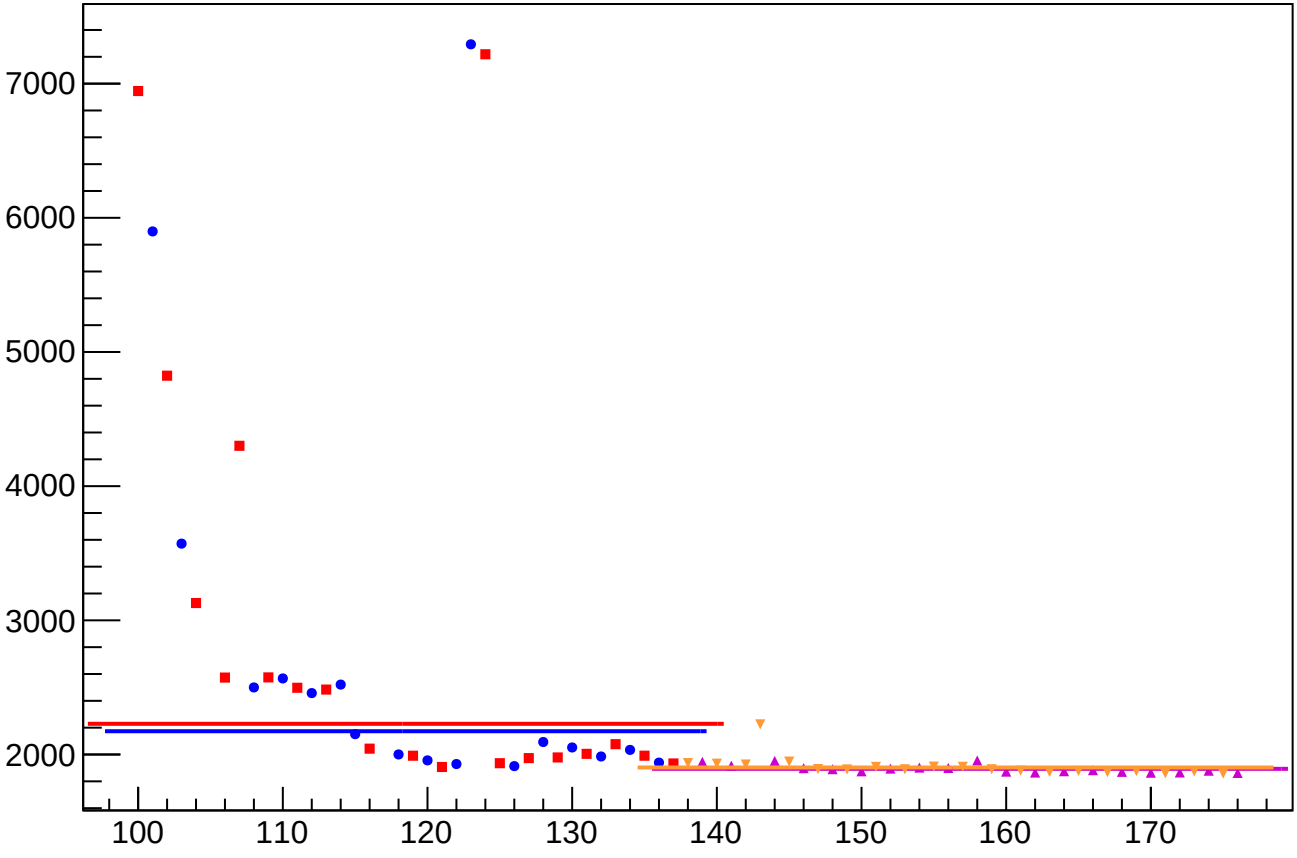
Right: -780.562+/-612.463 χ^2/NDF: 35.2/35

In: -398.221+/-427.288 χ^2/NDF:45.7/35

Out: -1231.623+/-427.526 χ^2/NDF:40.9/38

All: -814.690+/-302.222 χ^2/NDF: 88.4/74

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2173.529+/-0.612 χ^2/NDF: 805360.7/16

Left Out: 1903.210+/-0.347 χ^2/NDF:33439.4/19

Right Out: 2228.892+/-0.613 χ^2/NDF: 895863.4/18

Left In: 1893.231+/-0.347 χ^2/NDF:6911.6/18

Left: 1898.221+/-0.246 χ^2/NDF: 40763.3/38

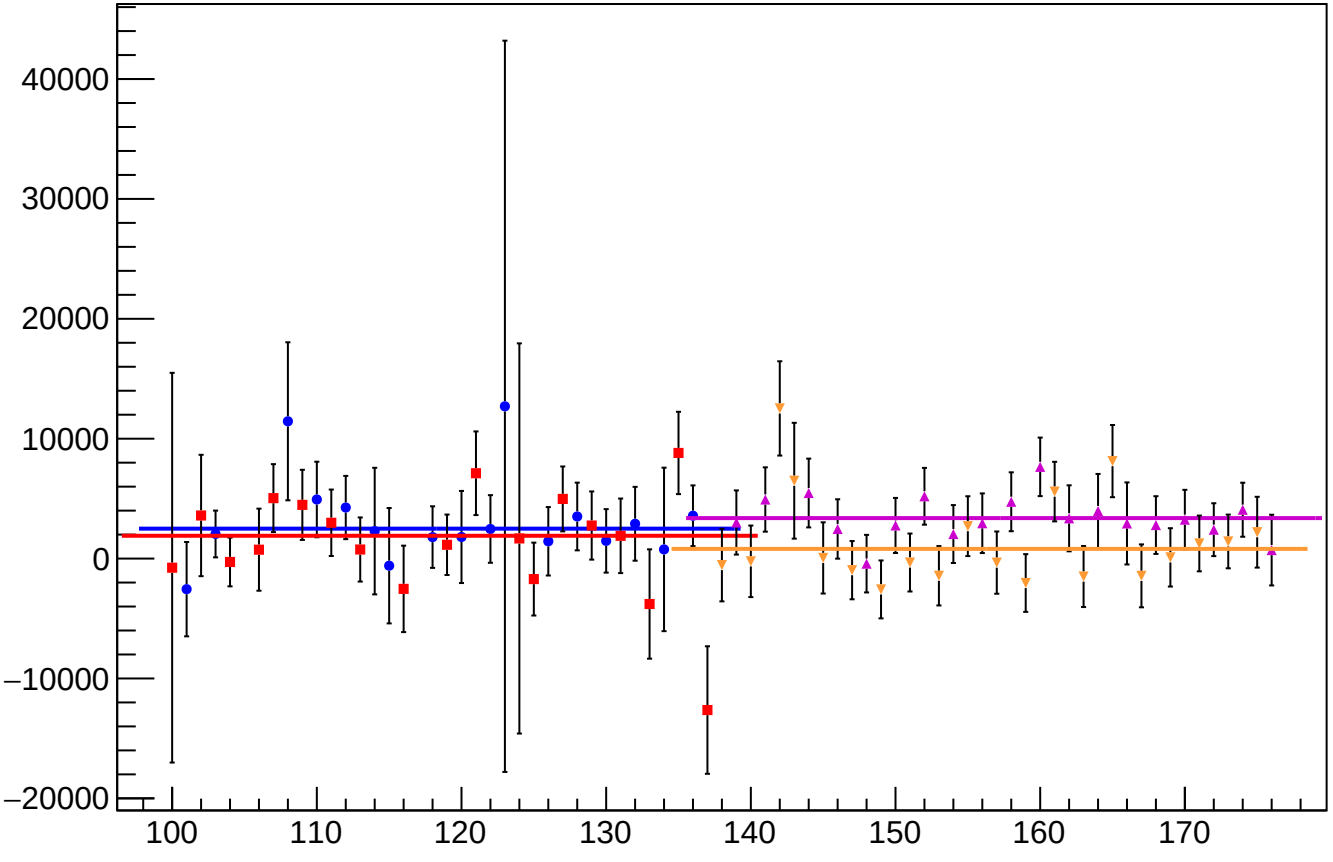
Right: 2201.146+/-0.433 χ^2/NDF: 1705309.7/35

In: 1961.603+/-0.302 χ^2/NDF:970998.7/35

Out: 1982.373+/-0.302 χ^2/NDF:1142842.7/38

All: 1971.982+/-0.214 χ^2/NDF: 2116203.0/74

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2496.610+/-768.295 χ^2/NDF: 5.9/16

Left Out: 808.410+/-593.539 χ^2/NDF:27.9/19

Right Out: 1902.970+/-736.793 χ^2/NDF: 23.5/18

Left In: 3375.770+/-582.753 χ^2/NDF:9.1/18

Left: 2115.630+/-415.830 χ^2/NDF: 46.6/38

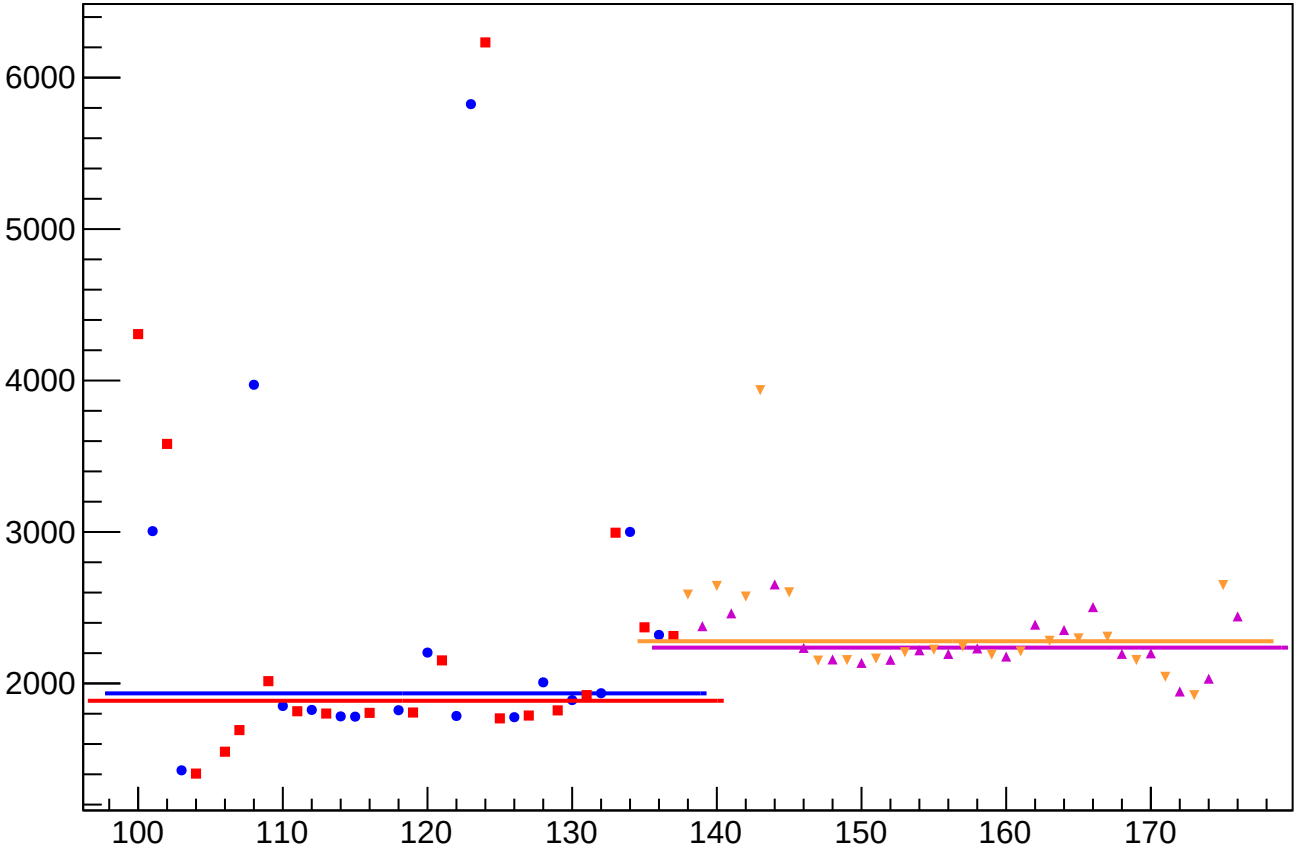
Right: 2187.370+/-531.779 χ^2/NDF: 29.7/35

In: 3054.692+/-464.301 χ^2/NDF:15.8/35

Out: 1239.176+/-462.217 χ^2/NDF:52.7/38

All: 2142.852+/-327.571 χ^2/NDF: 76.3/74

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1934.404+/-0.543 χ^2/NDF: 638920.4/16

Left Out: 2278.804+/-0.420 χ^2/NDF:451737.7/19

Right Out: 1885.547+/-0.521 χ^2/NDF: 752091.8/18

Left In: 2236.465+/-0.412 χ^2/NDF:155326.8/18

Left: 2257.246+/-0.294 χ^2/NDF: 612246.3/38

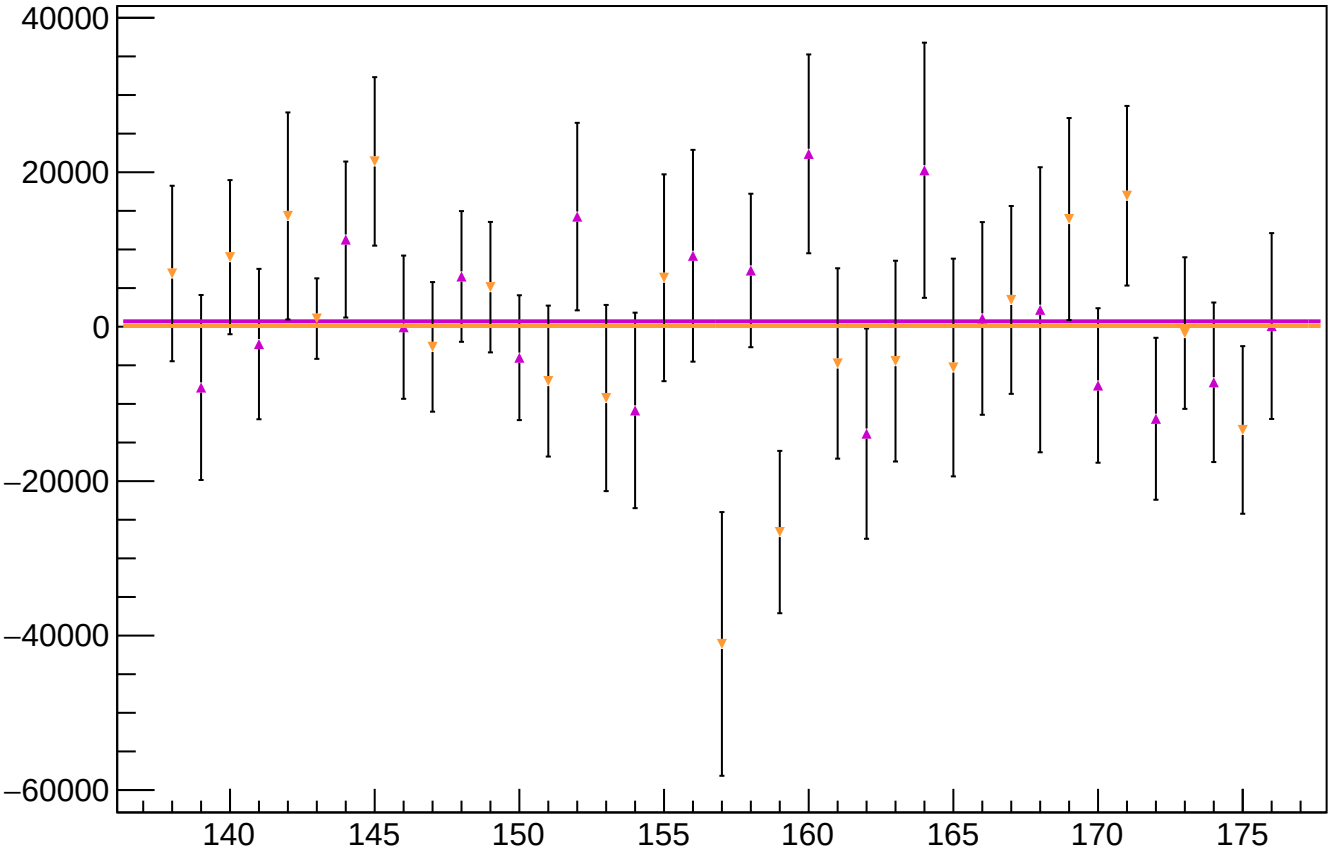
Right: 1908.949+/-0.376 χ^2/NDF: 1395226.1/35

In: 2126.149+/-0.328 χ^2/NDF:990489.6/35

Out: 2124.003+/-0.327 χ^2/NDF:1549436.9/38

All: 2125.071+/-0.232 χ^2/NDF: 2539948.0/74

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 89.629+/-2302.743 χ^2/NDF:25.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 695.173+/-2527.737 χ^2/NDF:13.5/18

Left: 364.257+/-1702.282 χ^2/NDF: 39.0/38

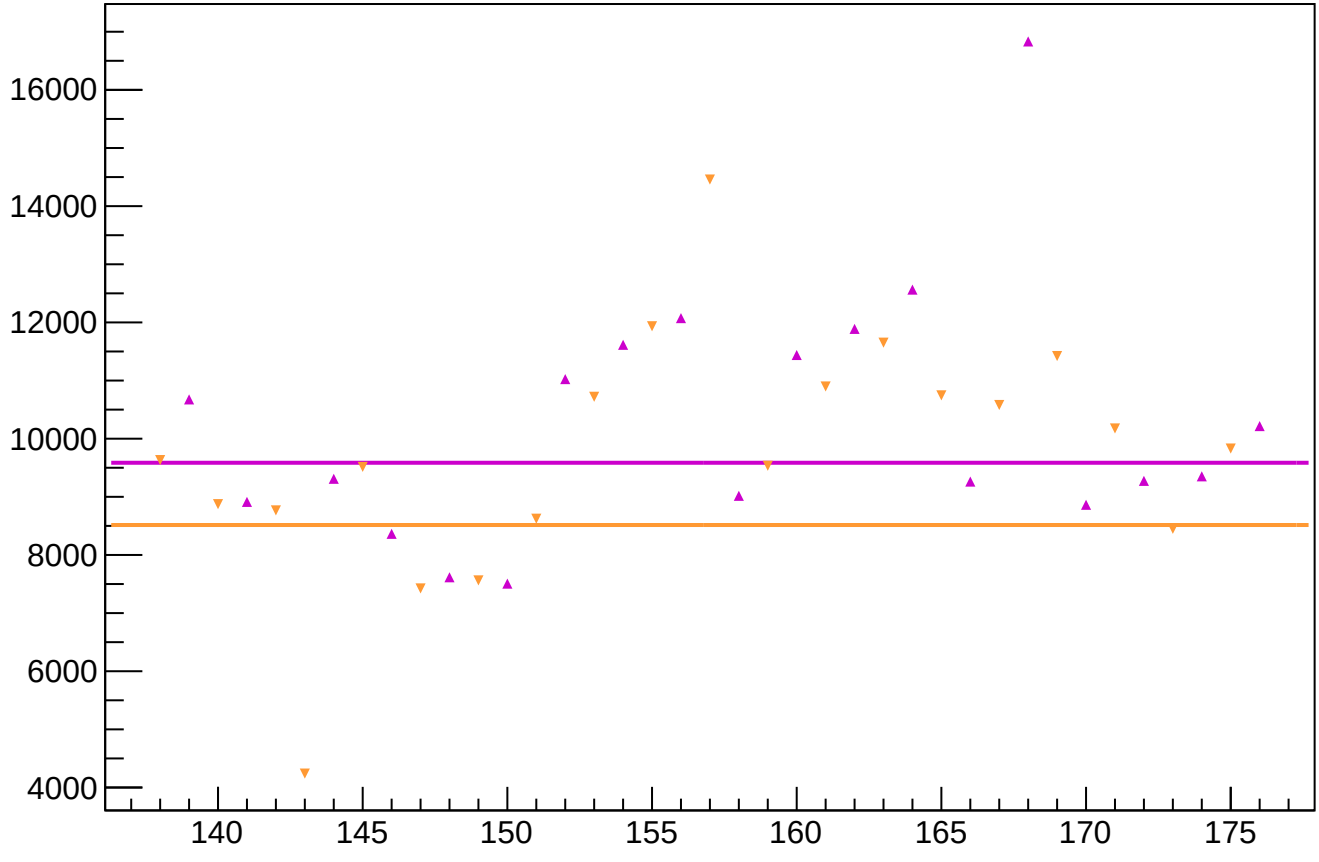
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 695.173+/-2527.737 χ^2/NDF:13.5/18

Out: 89.629+/-2302.743 χ^2/NDF:25.5/19

All: 364.257+/-1702.282 χ^2/NDF: 39.0/38

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 8515.197+/-1.628 χ^2/NDF:2370961.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 9585.962+/-1.787 χ^2/NDF:946913.5/18

Left: 9000.813+/-1.204 χ^2/NDF: 3513996.8/38

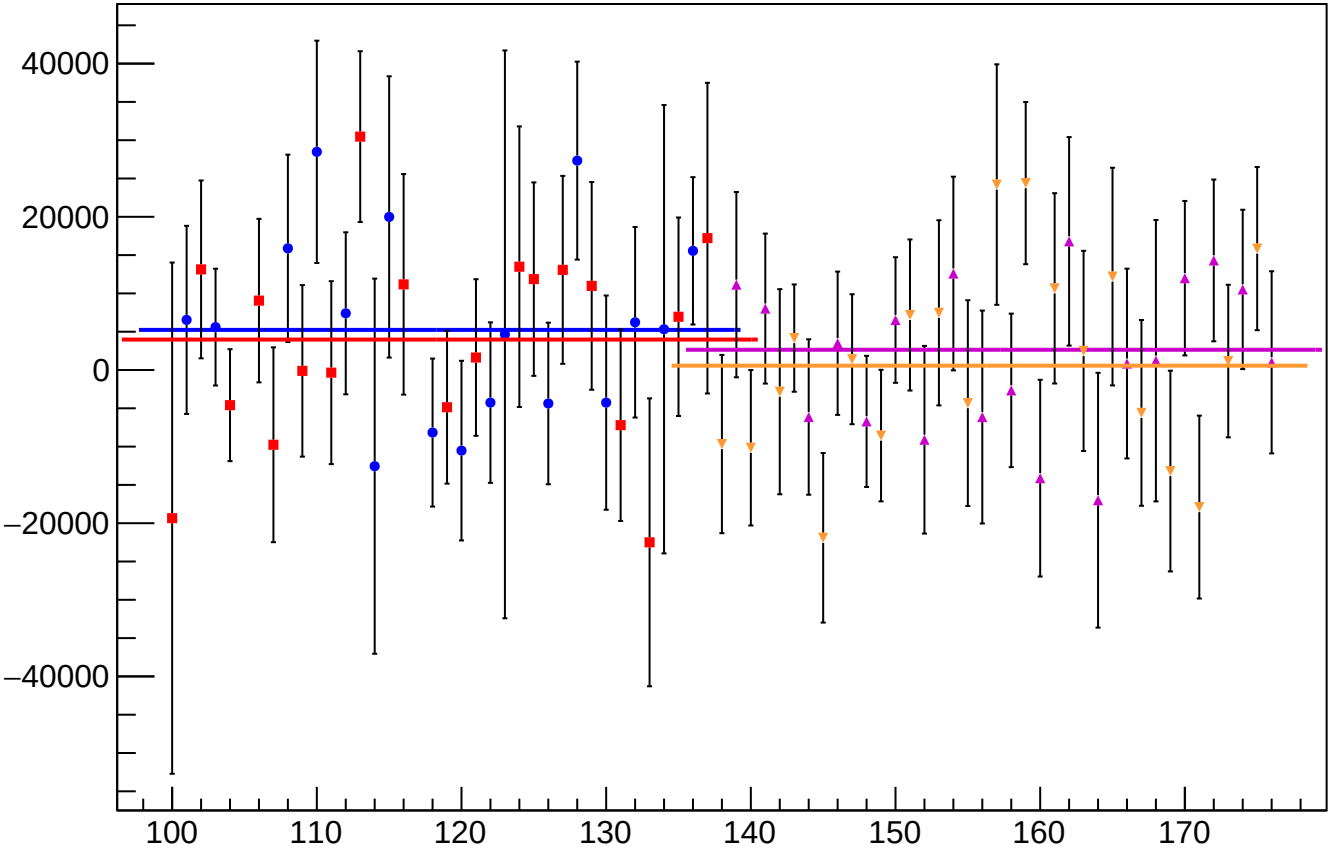
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9585.962+/-1.787 χ^2/NDF:946913.5/18

Out: 8515.197+/-1.628 χ^2/NDF:2370961.4/19

All: 9000.813+/-1.204 χ^2/NDF: 3513996.8/38

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5238.554+/-2946.164 χ^2/NDF: 14.5/16

Left Out: 563.466+/-2424.309 χ^2/NDF:22.9/19

Right Out: 3976.061+/-2790.421 χ^2/NDF: 15.6/18

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

Left: 1553.765+/-1754.598 χ^2/NDF: 35.3/38

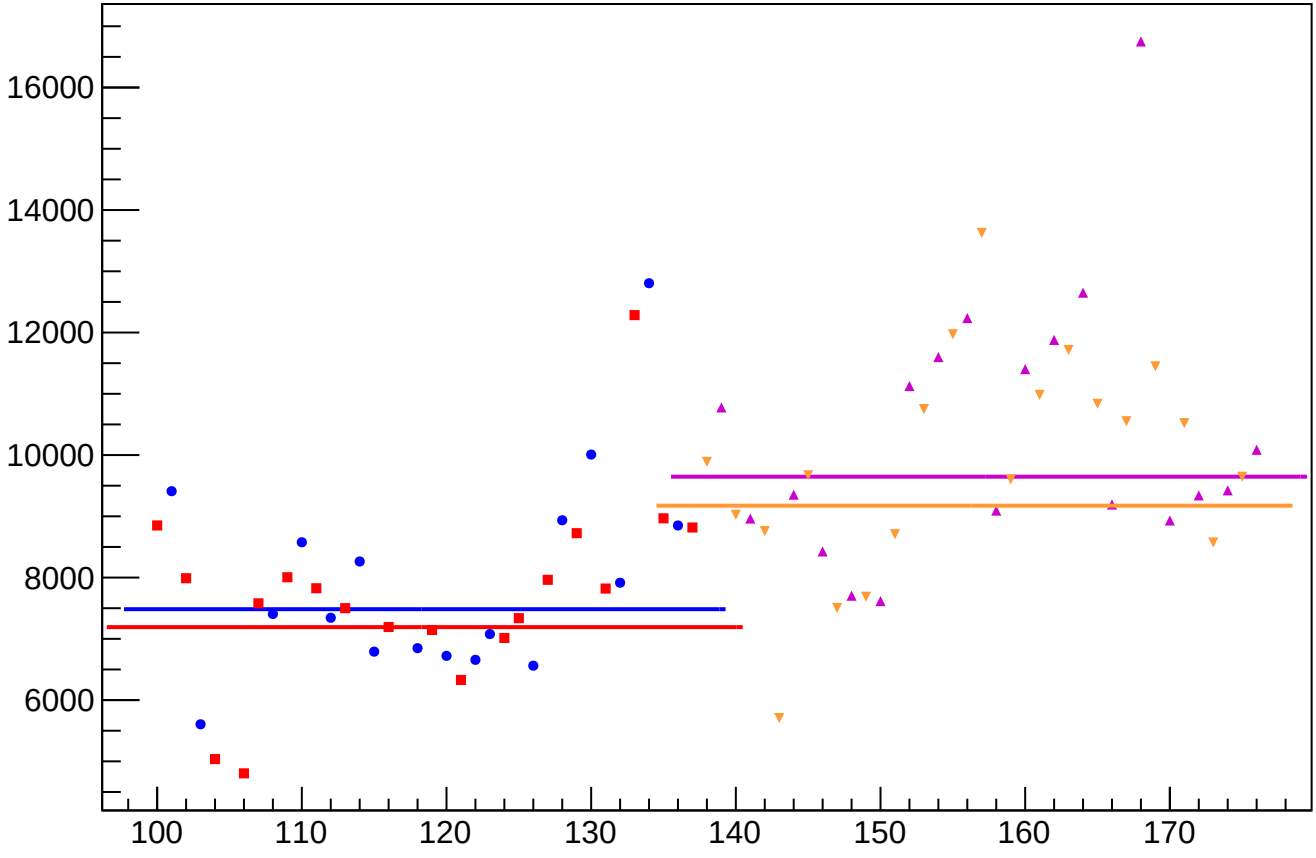
Right: 4573.057+/-2025.948 χ^2/NDF: 30.2/35

In: 3751.071+/-1924.916 χ^2/NDF:27.0/35

Out: 2031.350+/-1830.093 χ^2/NDF:39.4/38

All: 2847.811+/-1326.327 χ^2/NDF: 66.8/74

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7483.785+/-2.083 χ^2/NDF: 431806.2/16

Left Out: 9173.799+/-1.714 χ^2/NDF:1198621.4/19

Right Out: 7191.451+/-1.973 χ^2/NDF: 558753.1/18

Left In: 9646.923+/-1.798 χ^2/NDF:914846.0/18

Left: 9399.093+/-1.241 χ^2/NDF: 2149740.1/38

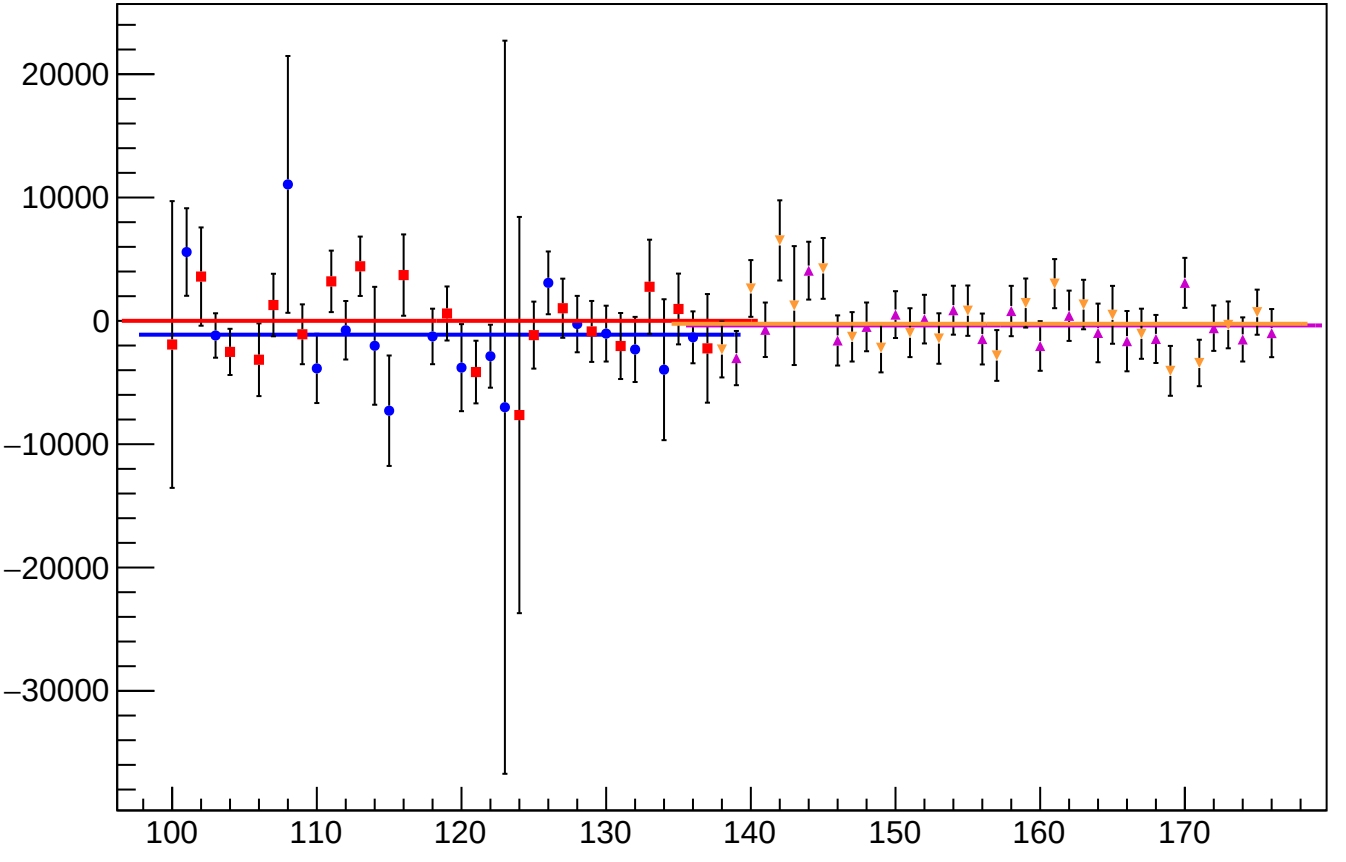
Right: 7329.673+/-1.432 χ^2/NDF: 1000940.7/35

In: 8723.488+/-1.361 χ^2/NDF:1964583.3/35

Out: 8320.993+/-1.294 χ^2/NDF:2332660.8/38

All: 8512.074+/-0.938 χ^2/NDF: 4343175.4/74

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -1120.496+/-679.161 χ^2/NDF: 12.3/16

Left Out: -236.831+/-474.770 χ^2/NDF:24.6/19

Right Out: 2.515+/-639.678 χ^2/NDF: 15.5/18

Left In: -371.406+/-468.121 χ^2/NDF:11.6/18

Left: -305.067+/-333.337 χ^2/NDF: 36.2/38

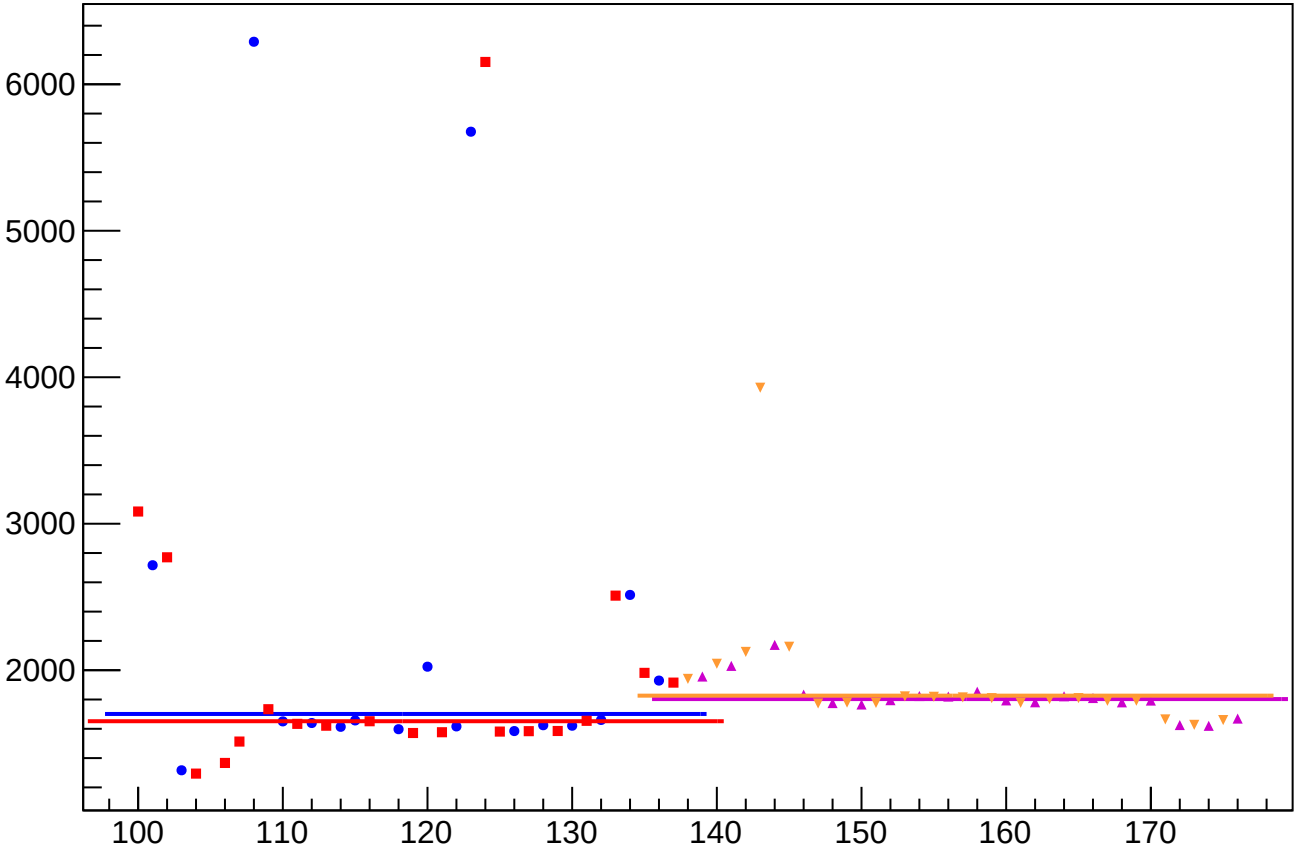
Right: -525.400+/-465.654 χ^2/NDF: 29.2/35

In: -612.667+/-385.434 χ^2/NDF:24.7/35

Out: -151.816+/-381.238 χ^2/NDF:40.2/38

All: -379.719+/-271.047 χ^2/NDF: 65.6/74

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1701.283+/-0.480 χ^2/NDF: 778718.7/16

Left Out: 1826.295+/-0.336 χ^2/NDF:517205.8/19

Right Out: 1651.734+/-0.452 χ^2/NDF: 588842.2/18

Left In: 1802.919+/-0.331 χ^2/NDF:133219.6/18

Left: 1814.442+/-0.236 χ^2/NDF: 652883.7/38

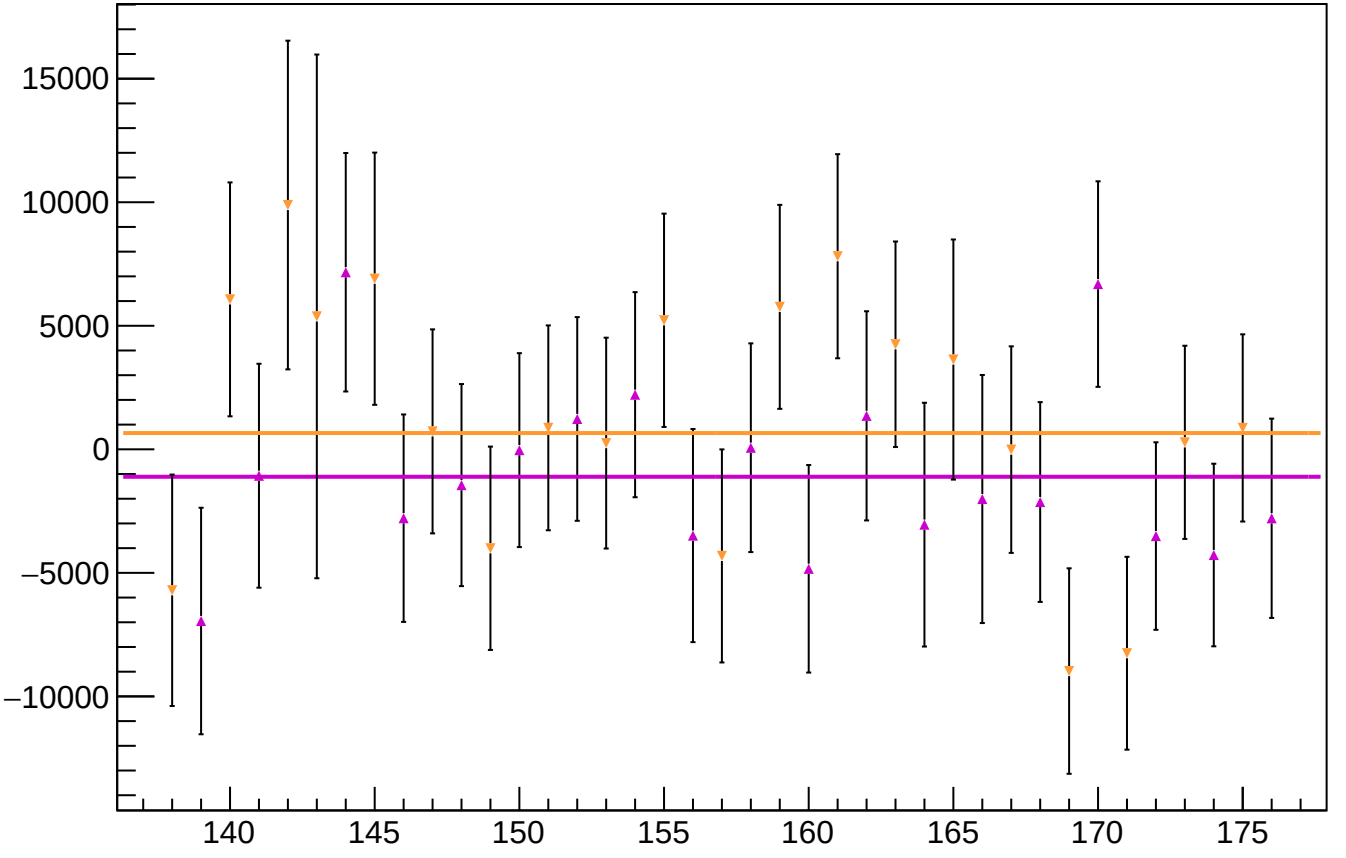
Right: 1675.026+/-0.329 χ^2/NDF: 1373201.9/35

In: 1770.185+/-0.273 χ^2/NDF:942303.1/35

Out: 1764.291+/-0.270 χ^2/NDF:1202083.1/38

All: 1767.206+/-0.192 χ^2/NDF: 2144622.6/74

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 658.474+/-984.498 χ^2/NDF:26.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -1110.790+/-969.523 χ^2/NDF:12.3/18

Left: -239.716+/-690.790 χ^2/NDF: 40.8/38

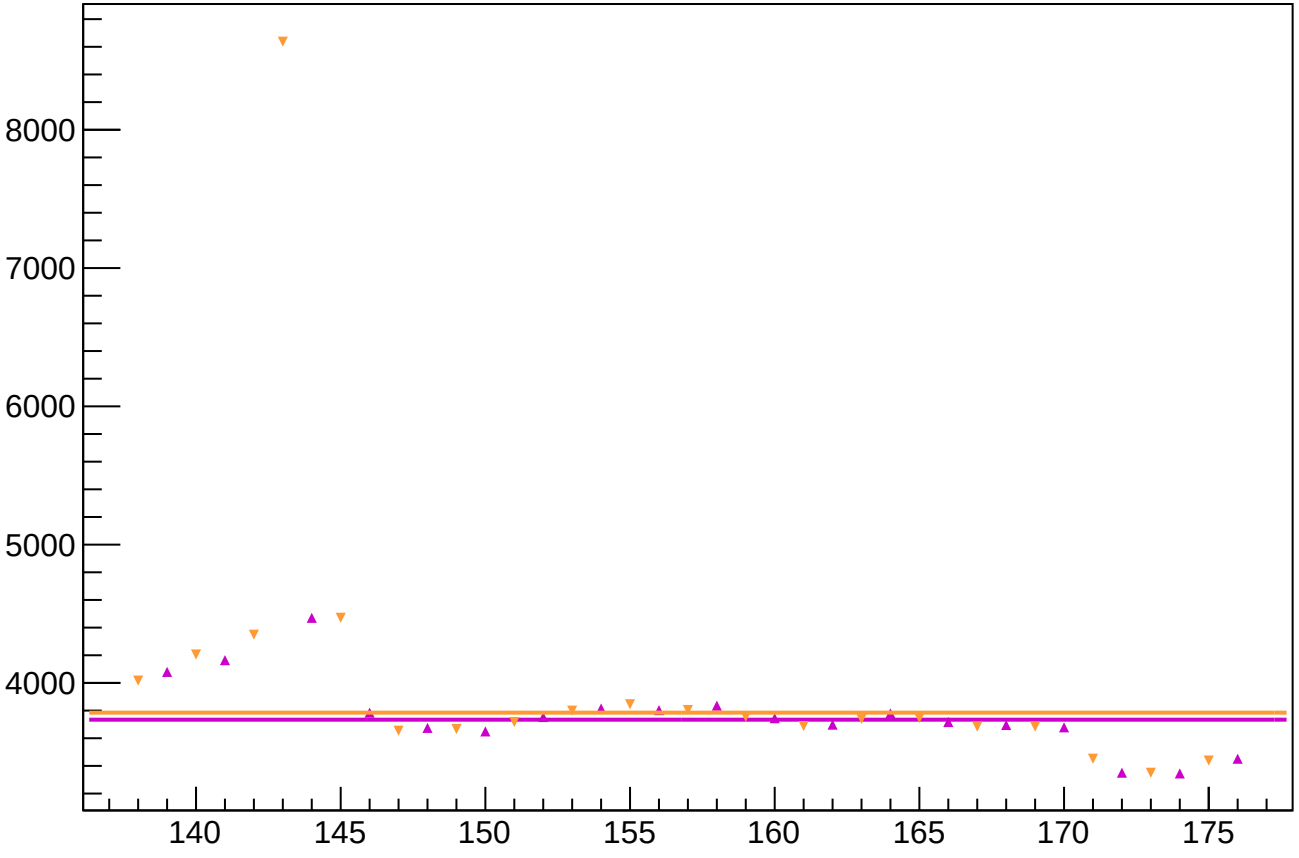
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1110.790+/-969.523 χ^2/NDF:12.3/18

Out: 658.474+/-984.498 χ^2/NDF:26.8/19

All: -239.716+/-690.790 χ^2/NDF: 40.8/38

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 3785.109+/-0.696 χ^2/NDF:555009.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 3734.193+/-0.686 χ^2/NDF:133364.4/18

Left: 3759.261+/-0.488 χ^2/NDF: 691089.7/38

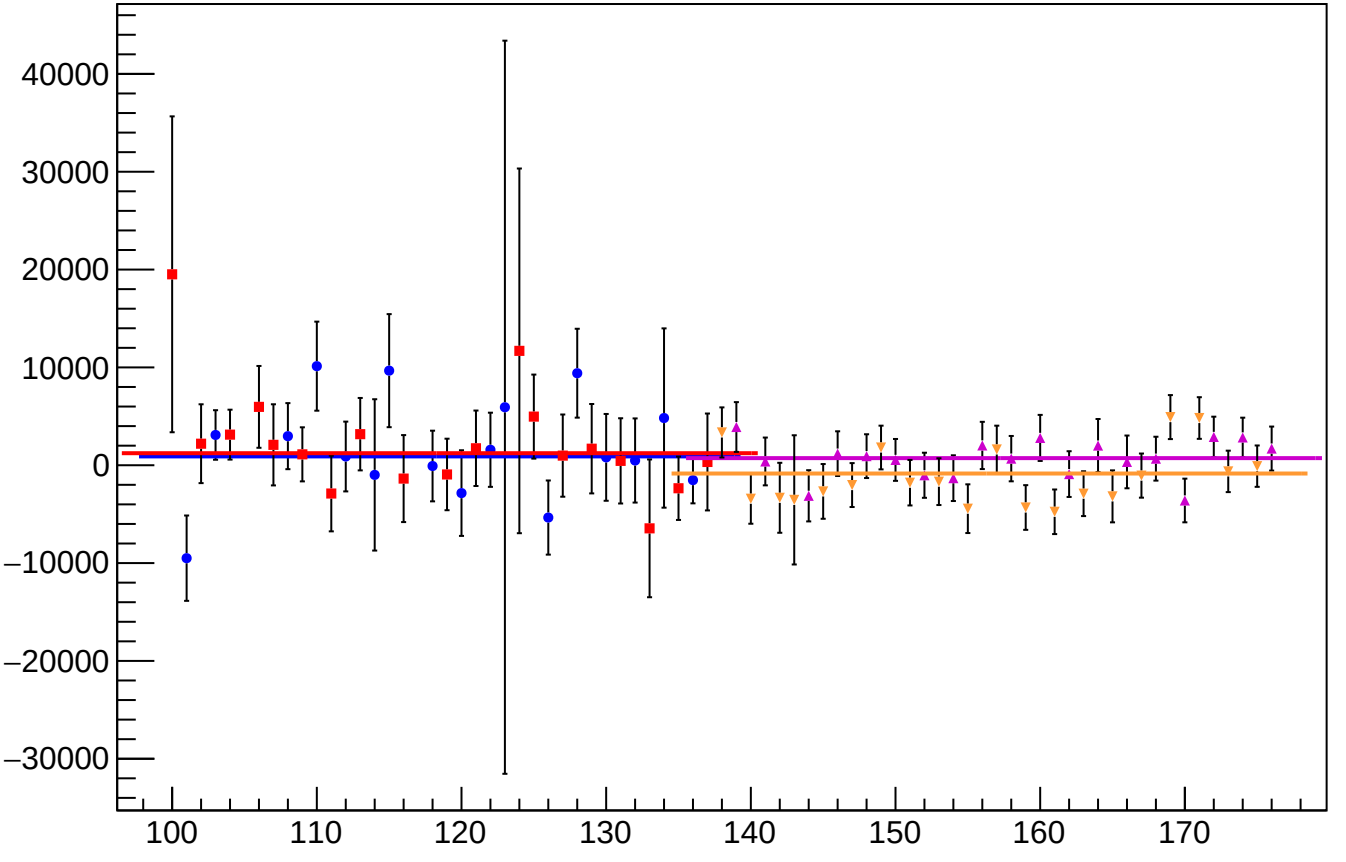
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3734.193+/-0.686 χ^2/NDF:133364.4/18

Out: 3785.109+/-0.696 χ^2/NDF:555009.6/19

All: 3759.261+/-0.488 χ^2/NDF: 691089.7/38

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 903.274+/-961.918 χ^2/NDF: 21.6/16

Left Out: -846.269+/-542.100 χ^2/NDF:30.5/19

Right Out: 1231.015+/-925.029 χ^2/NDF: 8.9/18

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

Left: -46.076+/-380.073 χ^2/NDF: 47.9/38

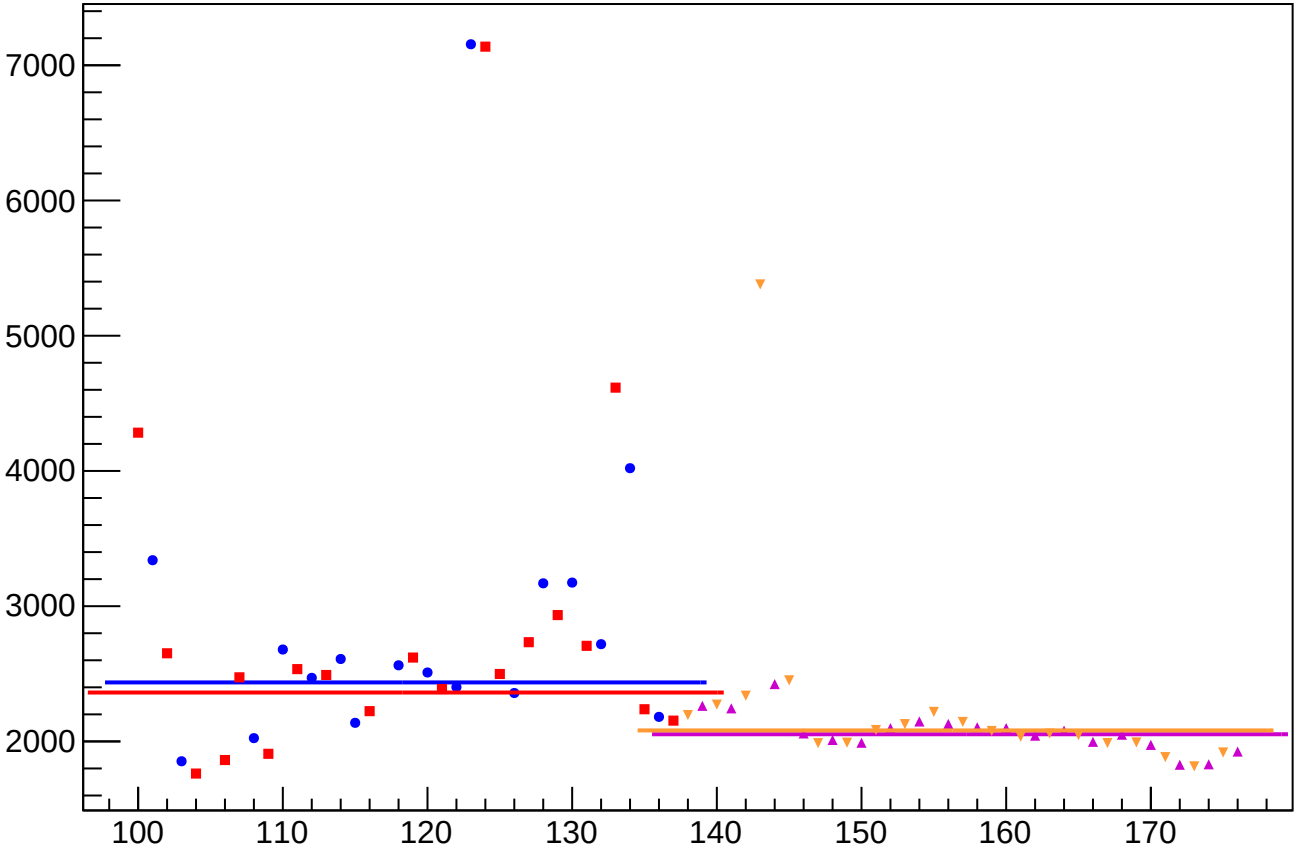
Right: 1073.549+/-666.754 χ^2/NDF: 30.6/35

In: 768.829+/-466.229 χ^2/NDF:34.7/35

Out: -315.231+/-467.703 χ^2/NDF:43.2/38

All: 228.510+/-330.194 χ^2/NDF: 80.6/74

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2436.256+/-0.680 χ^2/NDF: 468552.3/16

Left Out: 2081.313+/-0.383 χ^2/NDF:642797.1/19

Right Out: 2361.558+/-0.654 χ^2/NDF: 655845.9/18

Left In: 2052.975+/-0.377 χ^2/NDF:134352.3/18

Left: 2066.905+/-0.269 χ^2/NDF: 779928.1/38

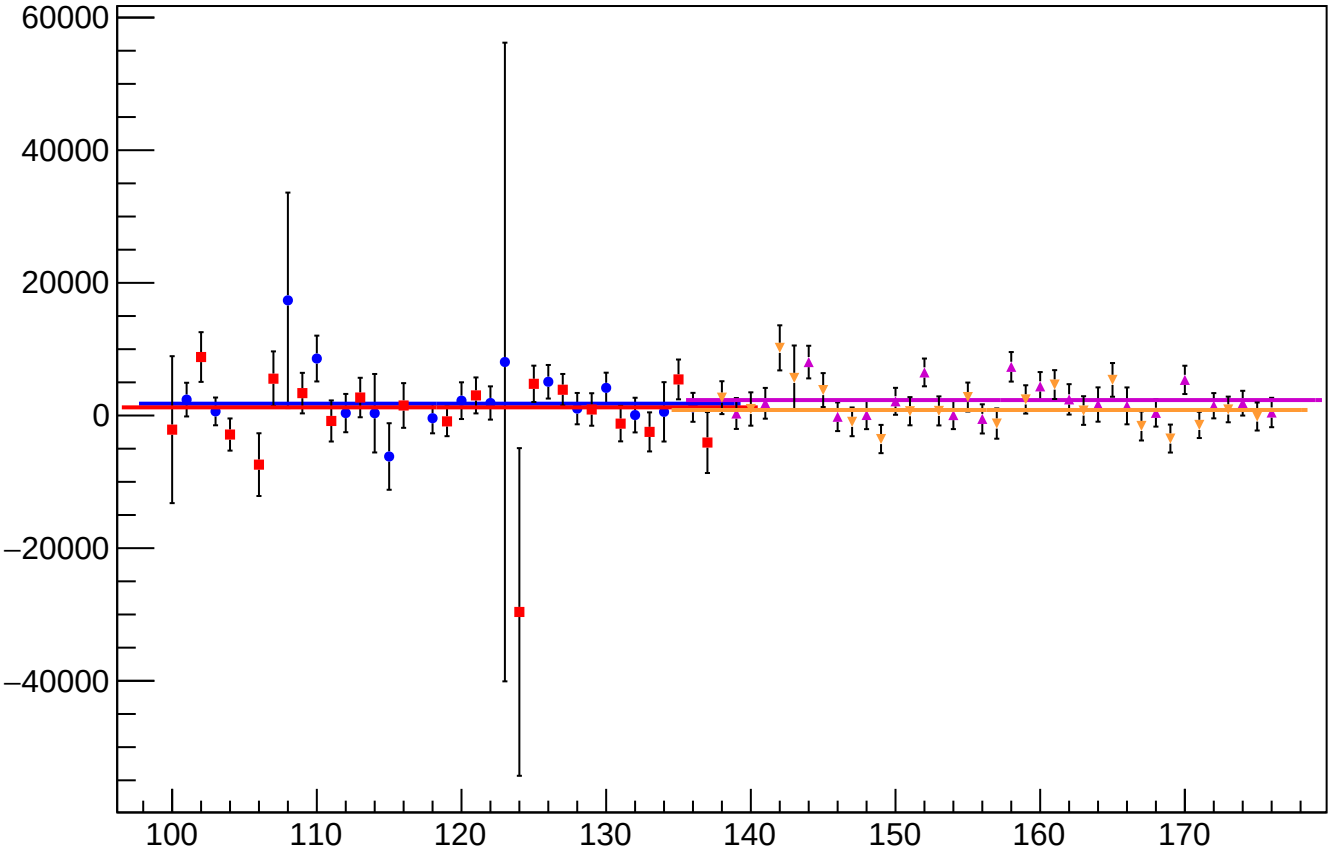
Right: 2397.448+/-0.471 χ^2/NDF: 1130664.2/35

In: 2143.017+/-0.330 χ^2/NDF:845843.0/35

Out: 2152.956+/-0.331 χ^2/NDF:1435284.2/38

All: 2147.970+/-0.233 χ^2/NDF: 2281580.1/74

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1783.505+/-694.403 χ^2/NDF: 12.4/16

Left Out: 833.902+/-509.903 χ^2/NDF:30.8/19

Right Out: 1229.293+/-708.144 χ^2/NDF: 24.2/18

Left In: 2328.816+/-501.719 χ^2/NDF:25.5/18

Left: 1593.452+/-357.627 χ^2/NDF: 60.6/38

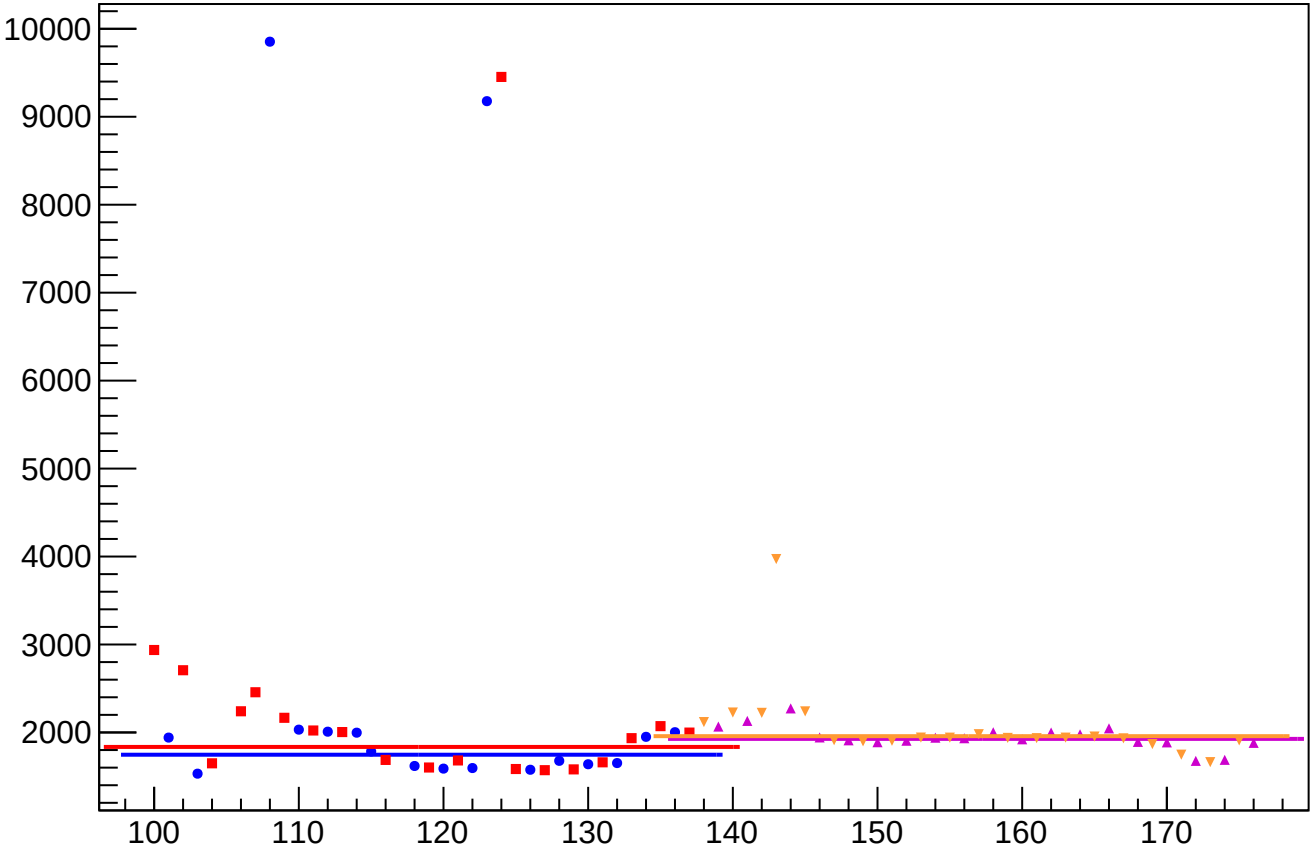
Right: 1511.828+/-495.804 χ^2/NDF: 37.0/35

In: 2141.783+/-406.676 χ^2/NDF:38.3/35

Out: 968.907+/-413.793 χ^2/NDF:55.2/38

All: 1565.518+/-290.047 χ^2/NDF: 97.6/74

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1746.836+/-0.491 χ^2/NDF: 682484.5/16

Left Out: 1957.761+/-0.361 χ^2/NDF:485785.7/19

Right Out: 1835.413+/-0.500 χ^2/NDF: 550402.9/18

Left In: 1926.933+/-0.355 χ^2/NDF:141533.5/18

Left: 1942.098+/-0.253 χ^2/NDF: 631033.6/38

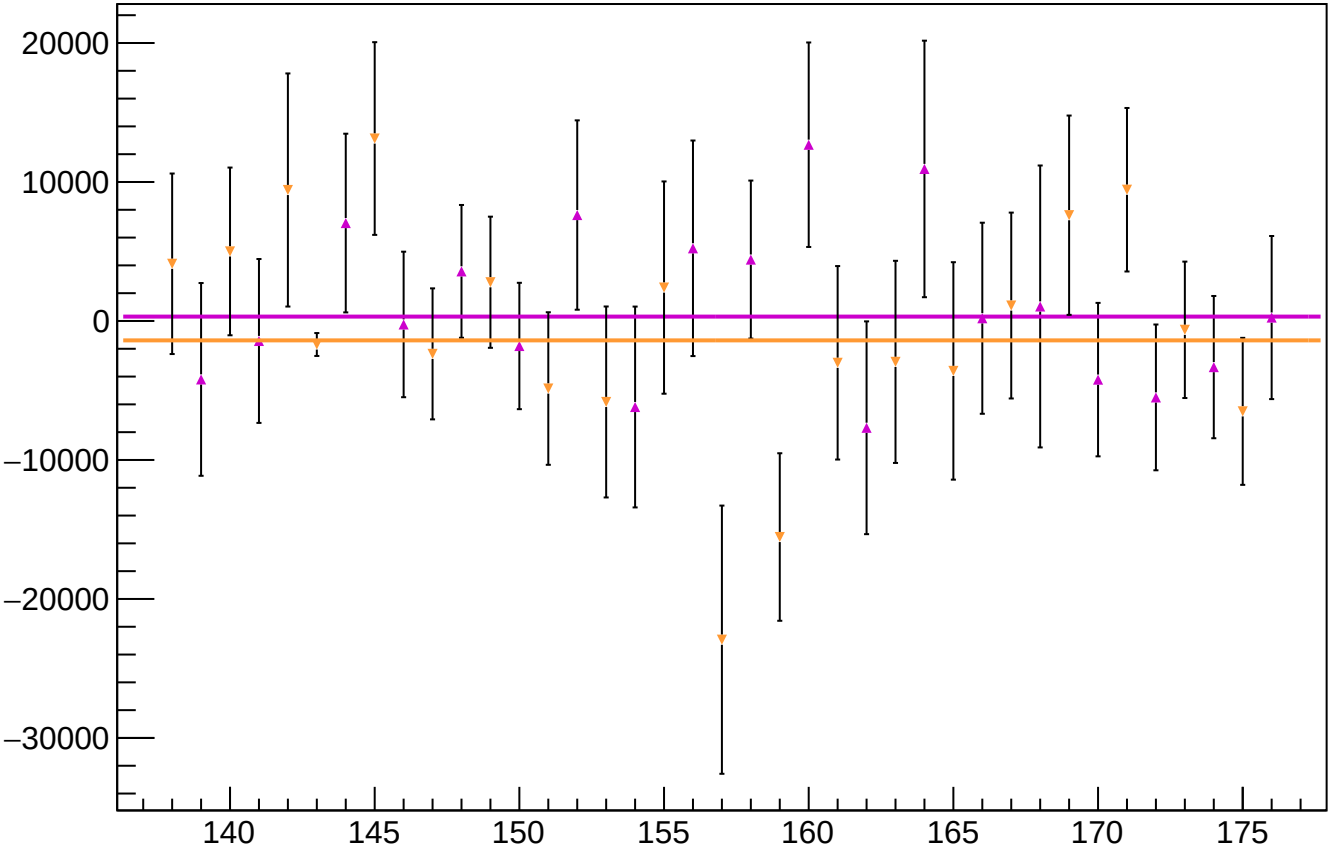
Right: 1790.310+/-0.350 χ^2/NDF: 1248859.1/35

In: 1865.163+/-0.288 χ^2/NDF:912406.0/35

Out: 1915.920+/-0.292 χ^2/NDF:1075566.9/38

All: 1890.111+/-0.205 χ^2/NDF: 2003286.6/74

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1395.536+/-714.003 χ^2/NDF:26.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 315.416+/-1406.742 χ^2/NDF:12.8/18

Left: -1045.057+/-636.687 χ^2/NDF: 40.7/38

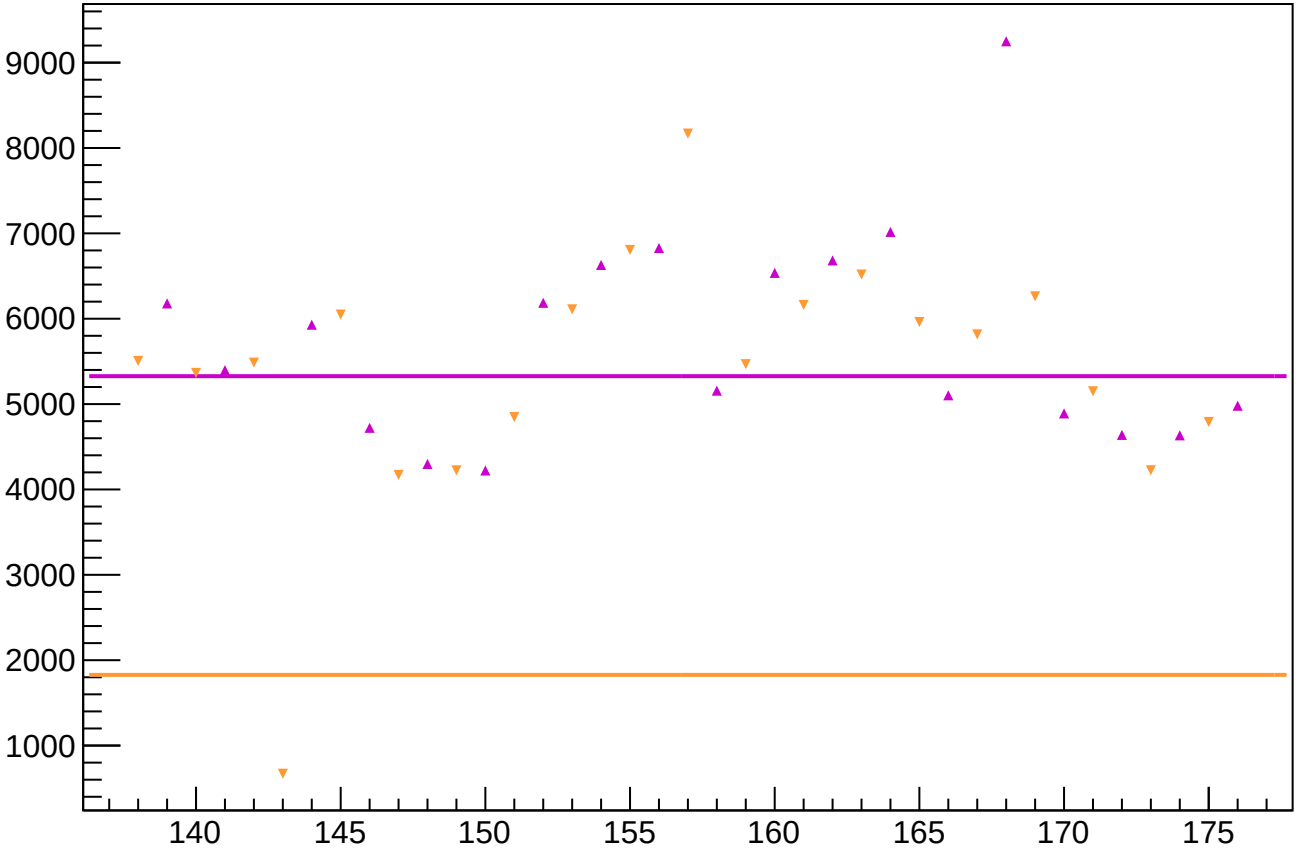
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 315.416+/-1406.742 χ^2/NDF:12.8/18

Out: -1395.536+/-714.003 χ^2/NDF:26.7/19

All: -1045.057+/-636.687 χ^2/NDF: 40.7/38

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1827.937+/-0.505 χ^2/NDF:16618483.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 5326.954+/-0.995 χ^2/NDF:1034954.2/18

Left: 2544.690+/-0.450 χ^2/NDF: 27492315.9/38

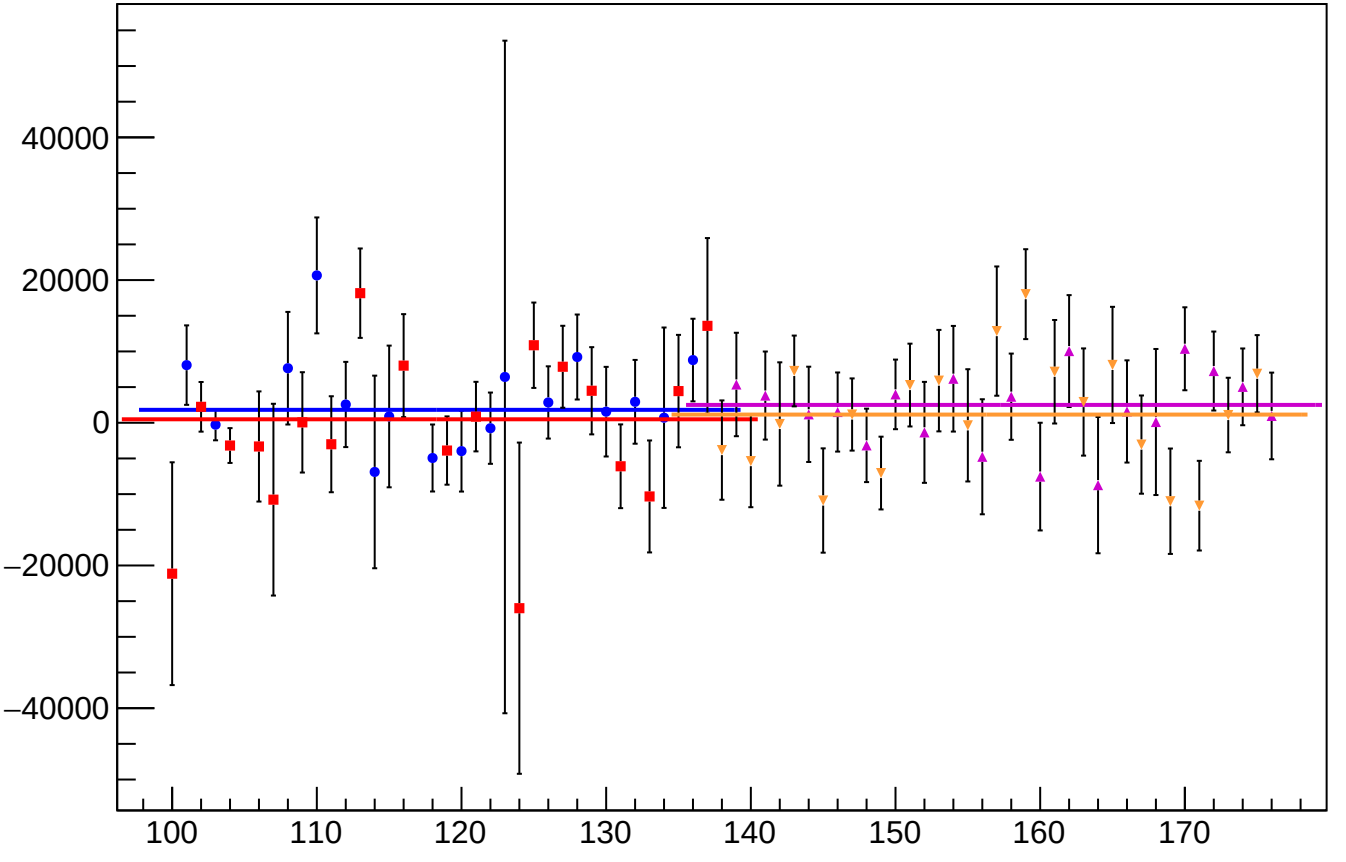
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5326.954+/-0.995 χ^2/NDF:1034954.2/18

Out: 1827.937+/-0.505 χ^2/NDF:16618483.1/19

All: 2544.690+/-0.450 χ^2/NDF: 27492315.9/3

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1814.267+/-1301.312 χ^2/NDF: 15.0/16

Left Out: 1149.585+/-1435.650 χ^2/NDF:28.0/19

Right Out: 488.360+/-1286.073 χ^2/NDF: 26.5/18

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

Left: 1808.083+/-1029.265 χ^2/NDF: 38.4/38

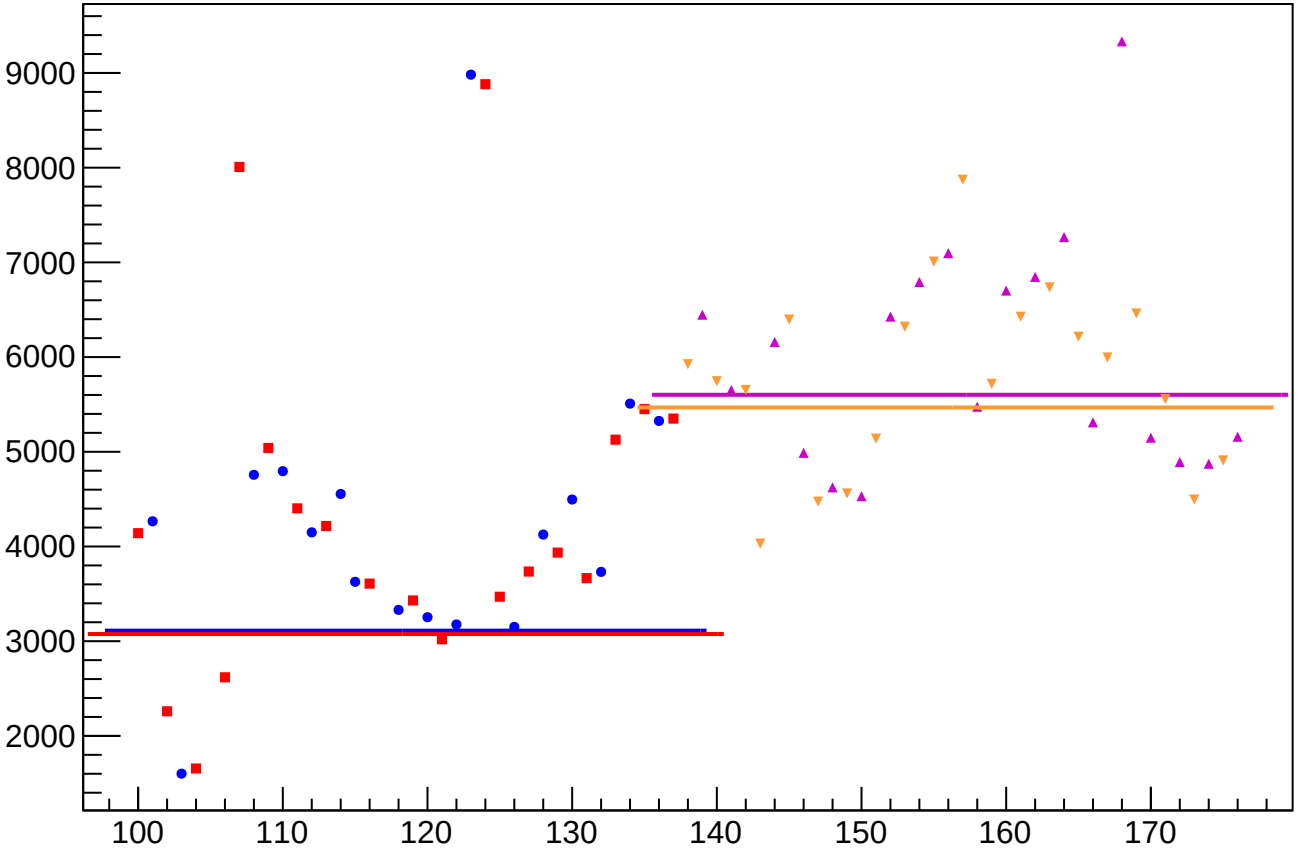
Right: 1143.505+/-914.731 χ^2/NDF: 42.0/35

In: 2116.047+/-976.232 χ^2/NDF:25.1/35

Out: 782.743+/-957.923 χ^2/NDF:54.6/38

All: 1436.775+/-683.735 χ^2/NDF: 80.6/74

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3111.560+/-0.920 χ^2/NDF: 1878991.5/16

Left Out: 5468.118+/-1.015 χ^2/NDF:857770.8/19

Right Out: 3075.800+/-0.896 χ^2/NDF: 2009557.4/18

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

Left: 5533.090+/-0.728 χ^2/NDF: 1764525.9/38

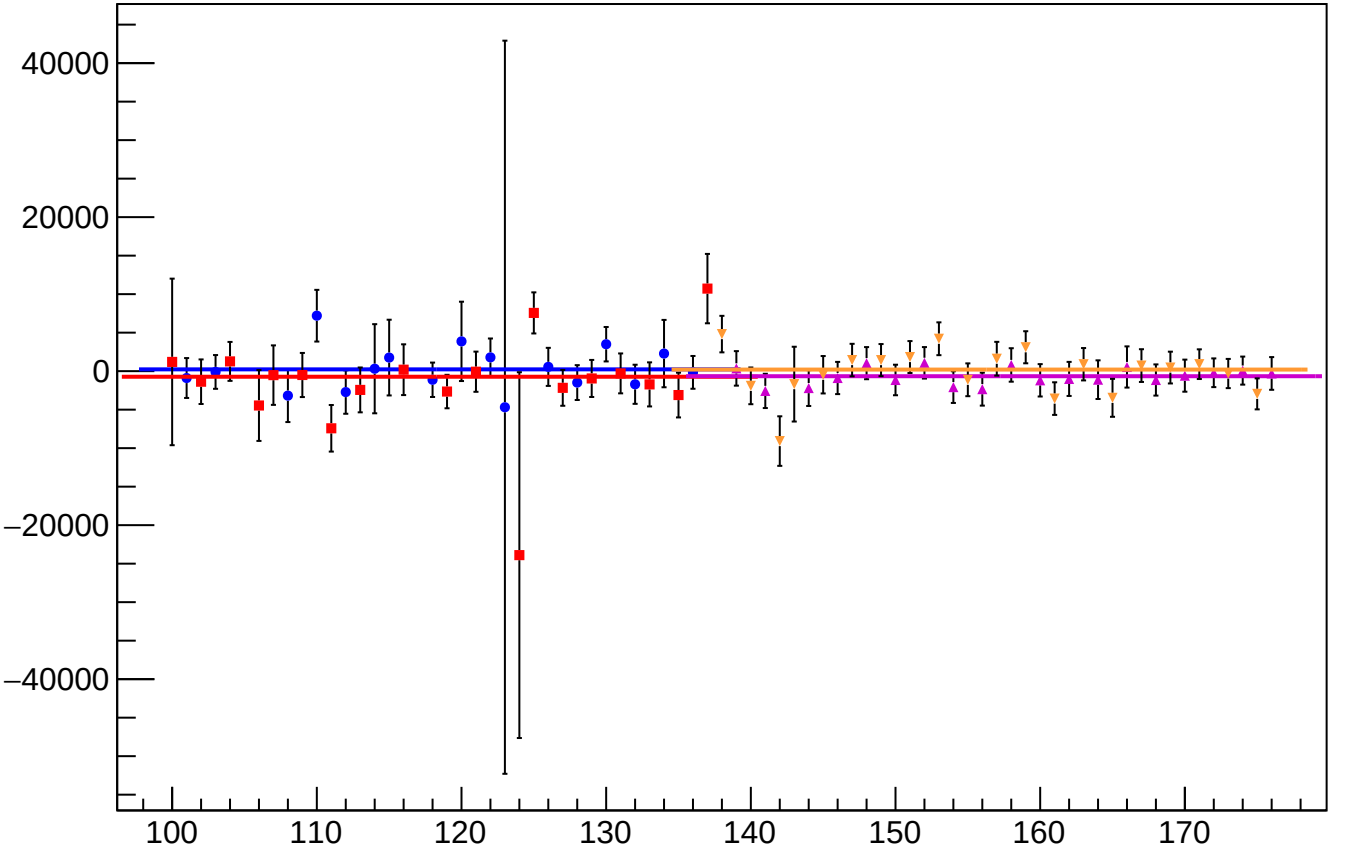
Right: 3093.209+/-0.642 χ^2/NDF: 3889323.9/35

In: 4200.324+/-0.690 χ^2/NDF:5979511.6/35

Out: 4123.680+/-0.672 χ^2/NDF:5988319.1/38

All: 4160.965+/-0.481 χ^2/NDF: 11974161.5/7

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 232.323+/-686.786 χ^2/NDF: 11.5/16

Left Out: 205.031+/-494.279 χ^2/NDF:28.9/19

Right Out: -726.169+/-684.175 χ^2/NDF: 25.8/18

Left In: -657.820+/-486.880 χ^2/NDF:5.0/18

Left: -232.901+/-346.863 χ^2/NDF: 35.5/38

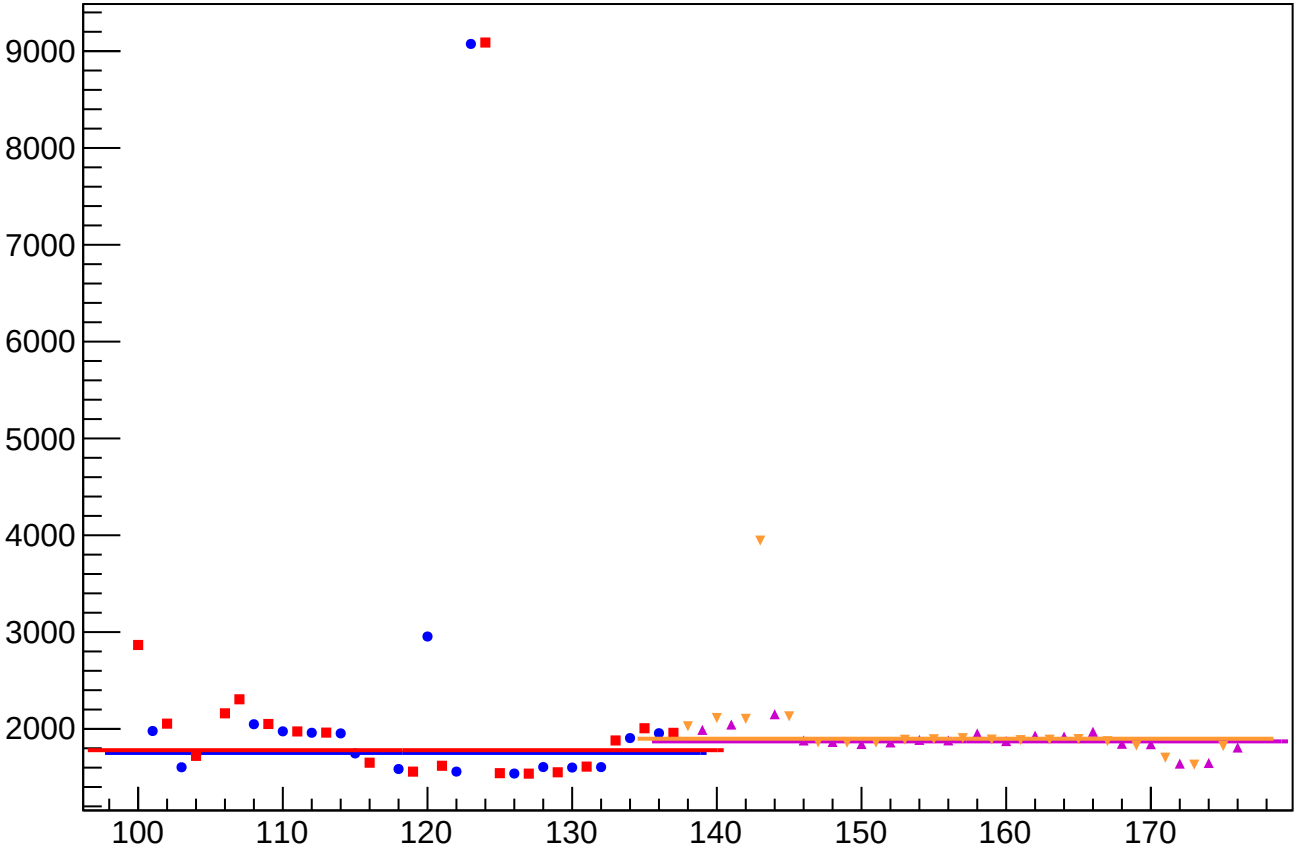
Right: -248.748+/-484.705 χ^2/NDF: 38.3/35

In: -360.088+/-397.195 χ^2/NDF:17.7/35

Out: -114.313+/-400.659 χ^2/NDF:55.9/38

All: -238.268+/-282.076 χ^2/NDF: 73.8/74

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1751.850+/-0.486 χ^2/NDF: 300898.3/16

Left Out: 1898.711+/-0.350 χ^2/NDF:471716.2/19

Right Out: 1780.209+/-0.483 χ^2/NDF: 428327.5/18

Left In: 1871.210+/-0.344 χ^2/NDF:118120.4/18

Left: 1884.753+/-0.245 χ^2/NDF: 592978.9/38

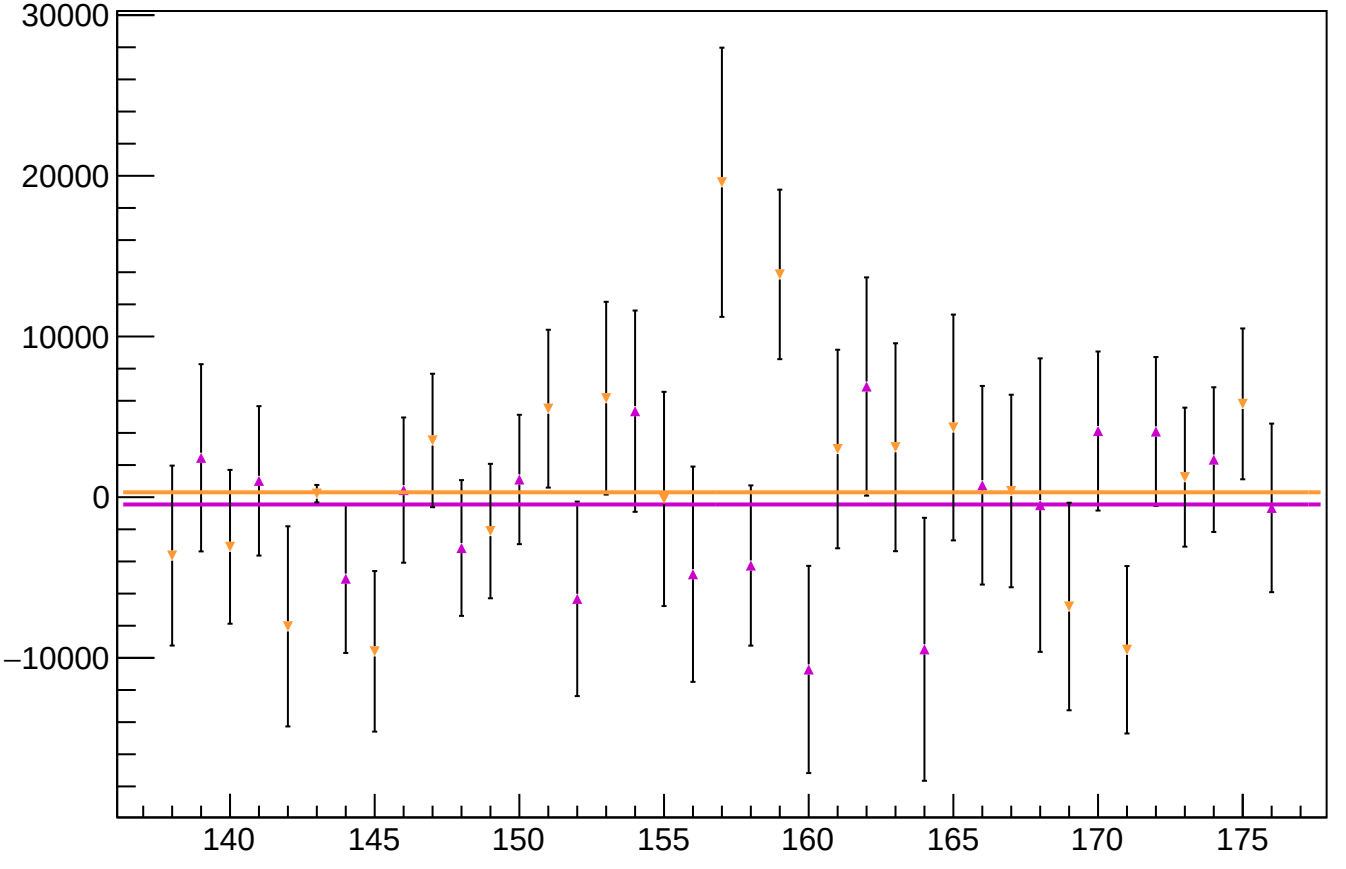
Right: 1766.106+/-0.342 χ^2/NDF: 730940.0/35

In: 1831.287+/-0.281 χ^2/NDF:459222.7/35

Out: 1857.987+/-0.283 χ^2/NDF:939549.5/38

All: 1844.529+/-0.199 χ^2/NDF: 1403254.2/74

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 304.498+/-496.976 χ^2/NDF:28.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -453.202+/-1215.908 χ^2/NDF:11.9/18

Left: 196.037+/-460.033 χ^2/NDF: 40.8/38

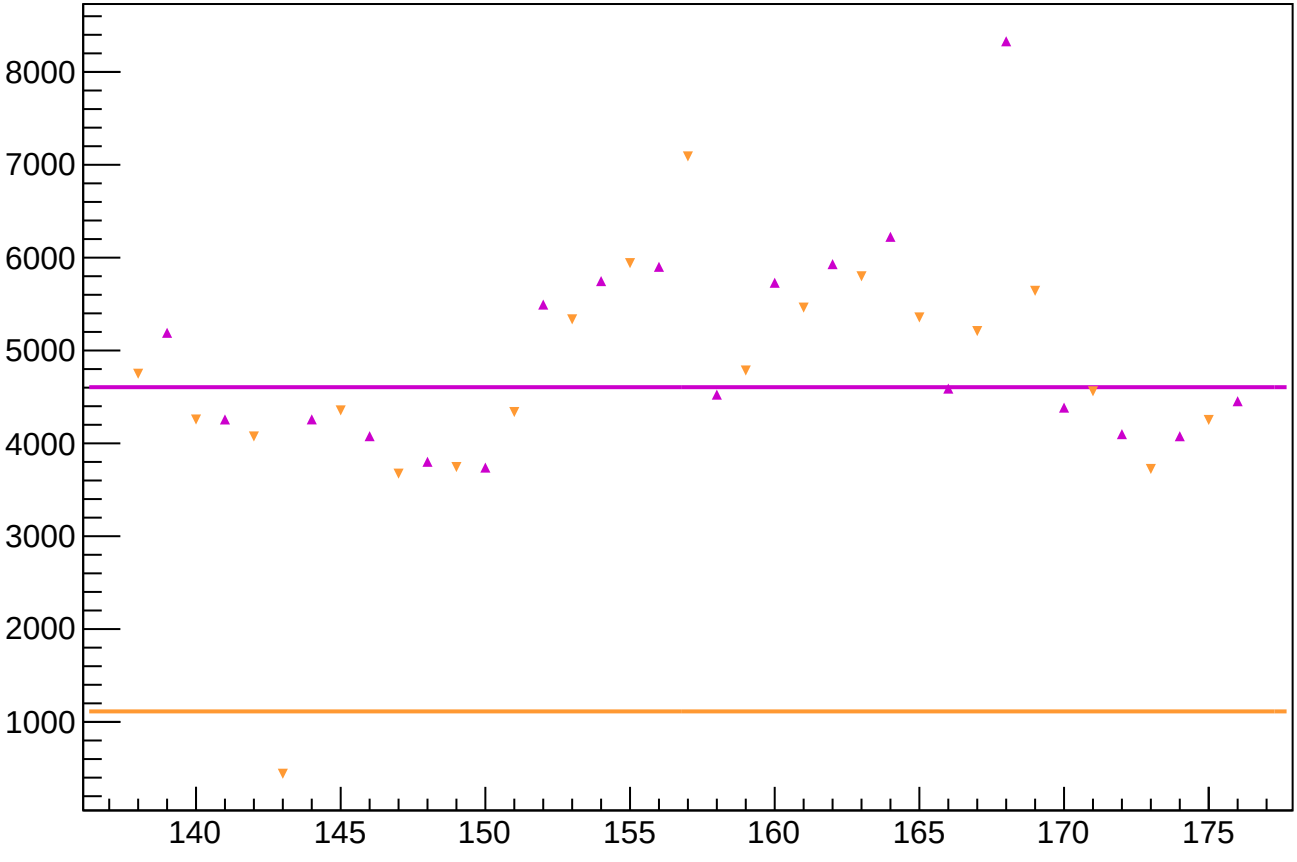
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -453.202+/-1215.908 χ^2/NDF:11.9/18

Out: 304.498+/-496.976 χ^2/NDF:28.5/19

All: 196.037+/-460.033 χ^2/NDF: 40.8/38

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1113.317+/-0.351 χ^2/NDF:19686310.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4604.968+/-0.860 χ^2/NDF:1024844.1/18

Left: 1613.129+/-0.325 χ^2/NDF: 34842947.7/38

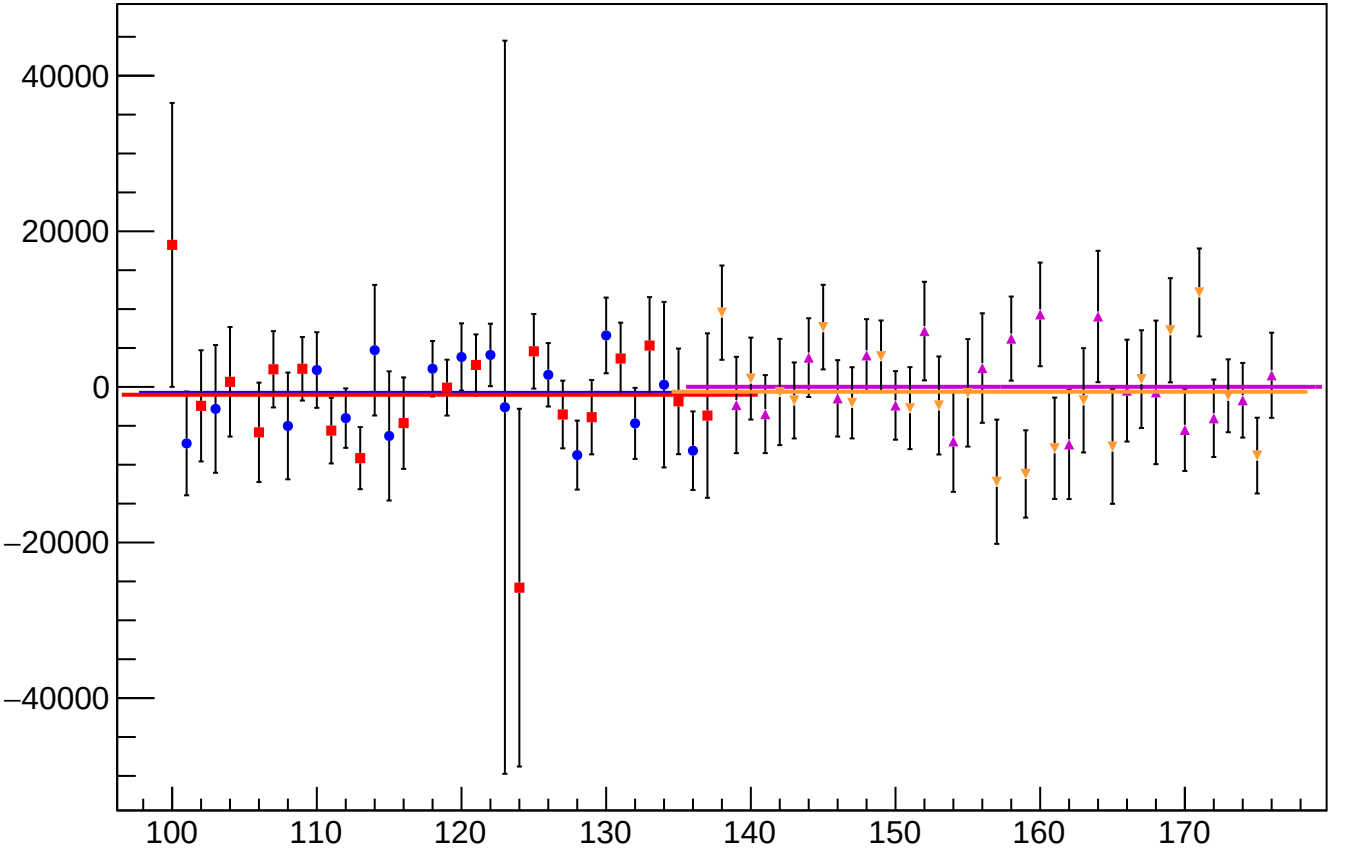
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4604.968+/-0.860 χ^2/NDF:1024844.1/18

Out: 1113.317+/-0.351 χ^2/NDF:19686310.3/19

All: 1613.129+/-0.325 χ^2/NDF: 34842947.7/3

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -765.107+/-1247.704 χ^2/NDF: 15.5/16

Left Out: -620.891+/-1274.040 χ^2/NDF:23.9/19

Right Out: -1004.792+/-1191.116 χ^2/NDF: 15.0/18

Left In: 12.322+/-1299.702 χ^2/NDF:12.4/18

Left: -310.598+/-909.820 χ^2/NDF: 36.4/38

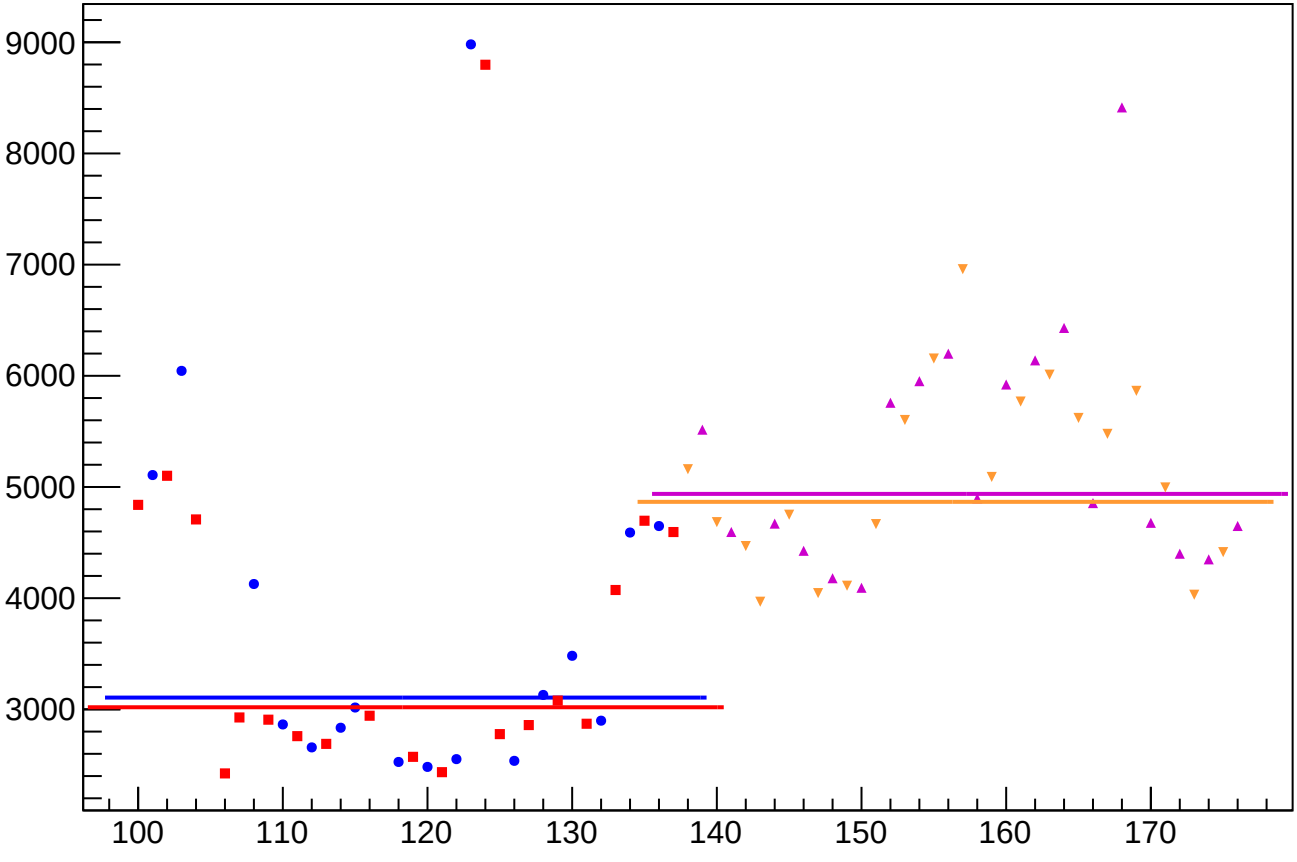
Right: -890.508+/-861.557 χ^2/NDF: 30.6/35

In: -392.255+/-900.081 χ^2/NDF:28.1/35

Out: -825.741+/-870.086 χ^2/NDF:38.9/38

All: -616.341+/-625.579 χ^2/NDF: 67.1/74

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3105.849+/-0.882 χ^2/NDF: 959826.4/16

Left Out: 4866.426+/-0.901 χ^2/NDF:703809.9/19

Right Out: 3018.781+/-0.832 χ^2/NDF: 794275.0/18

Left In: 4937.852+/-0.919 χ^2/NDF:839932.5/18

Left: 4901.427+/-0.643 χ^2/NDF: 1546822.7/38

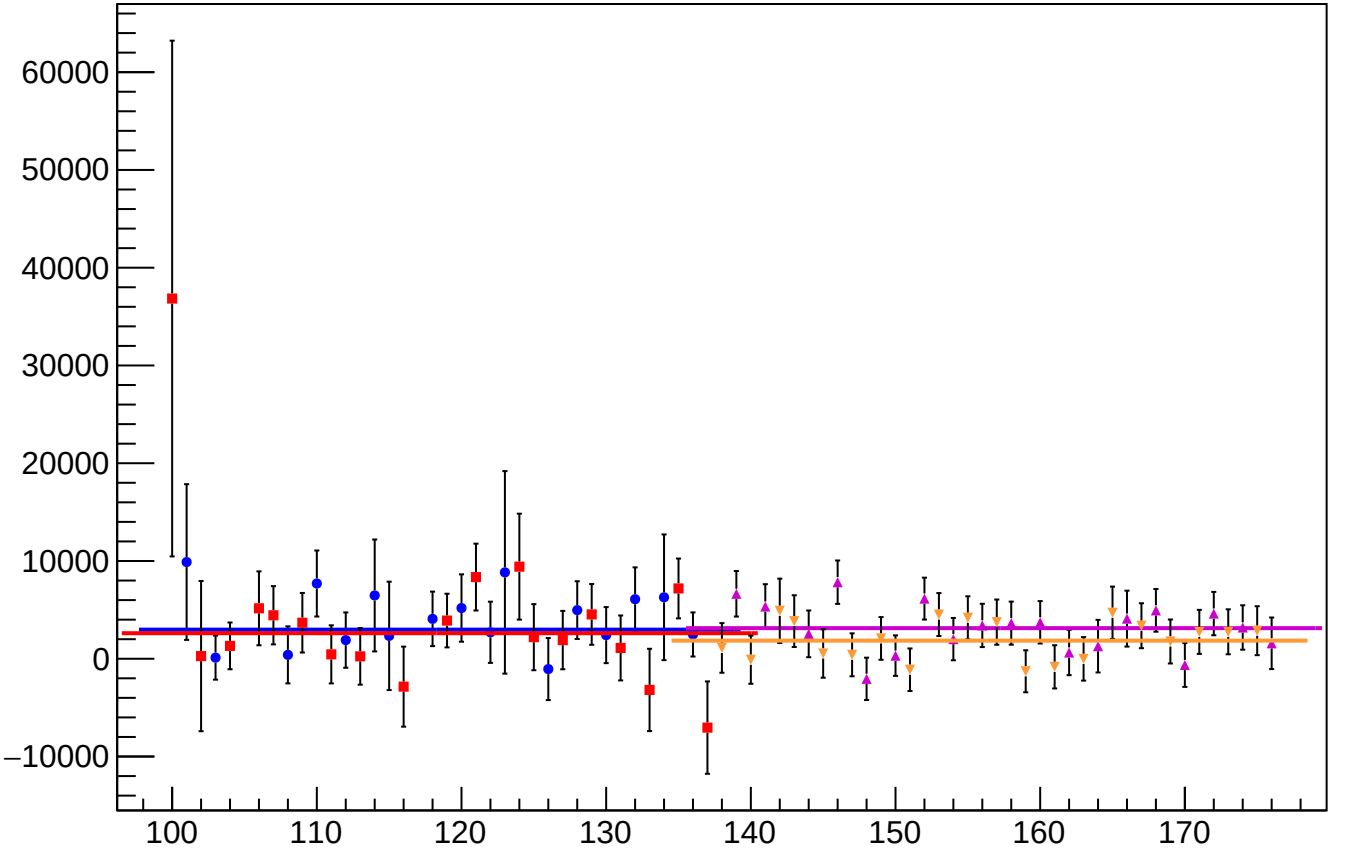
Right: 3059.752+/-0.605 χ^2/NDF: 1759257.8/35

In: 3984.467+/-0.636 χ^2/NDF:3867693.4/35

Out: 3869.007+/-0.611 χ^2/NDF:3768786.9/38

All: 3924.393+/-0.441 χ^2/NDF: 7653603.3/74

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2978.445+/-795.398 χ^2/NDF: 9.9/16

Left Out: 1853.083+/-523.881 χ^2/NDF:14.4/19

Right Out: 2613.881+/-783.228 χ^2/NDF: 19.6/18

Left In: 3130.563+/-523.404 χ^2/NDF:23.8/18

Left: 2492.404+/-370.271 χ^2/NDF: 41.2/38

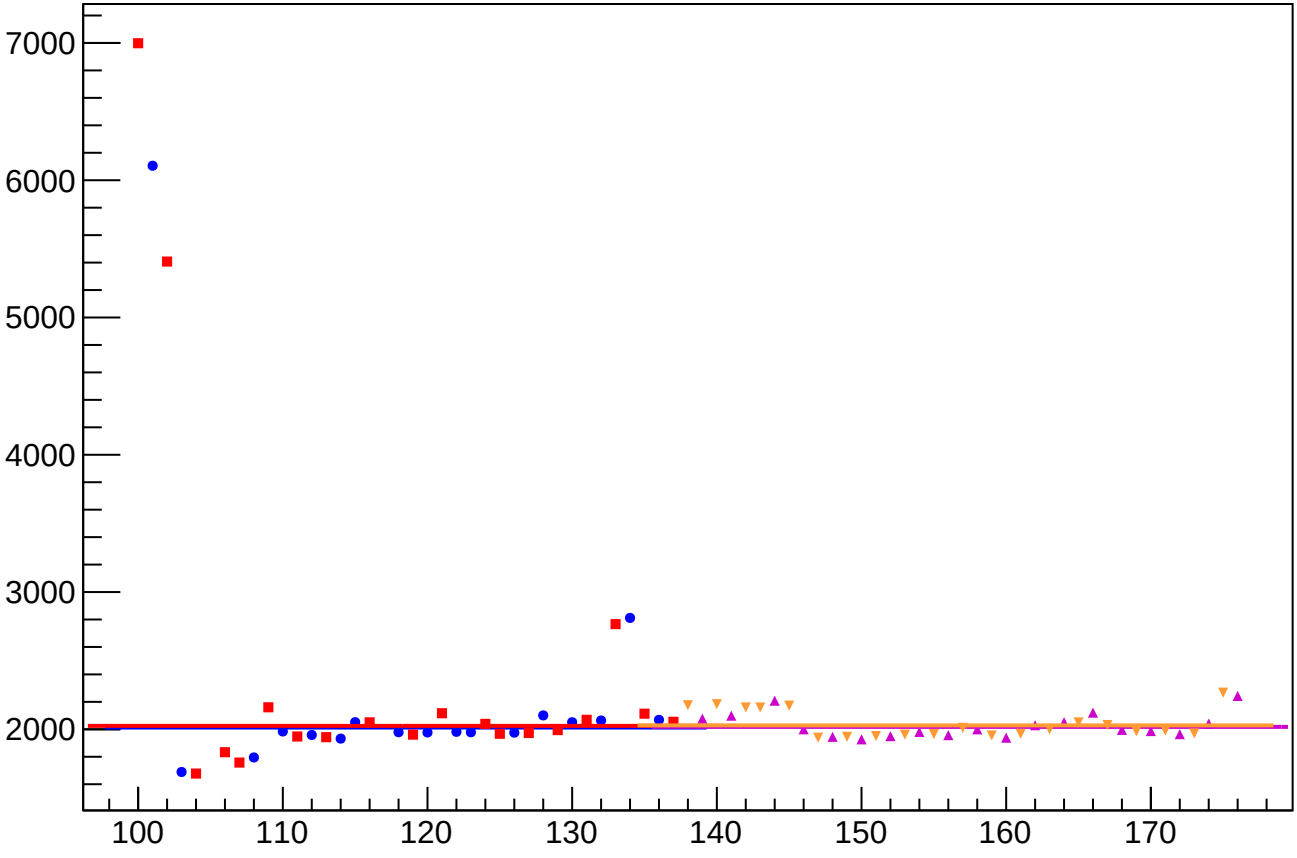
Right: 2793.353+/-558.079 χ^2/NDF: 29.6/35

In: 3084.597+/-437.231 χ^2/NDF:33.7/35

Out: 2088.247+/-435.451 χ^2/NDF:34.6/38

All: 2584.389+/-308.538 χ^2/NDF: 70.9/74

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2012.945+/-0.562 χ^2/NDF: 617707.4/16

Left Out: 2028.606+/-0.370 χ^2/NDF:66847.1/19

Right Out: 2025.070+/-0.554 χ^2/NDF: 597422.5/18

Left In: 2017.715+/-0.370 χ^2/NDF:49196.5/18

Left: 2023.156+/-0.262 χ^2/NDF: 116476.2/38

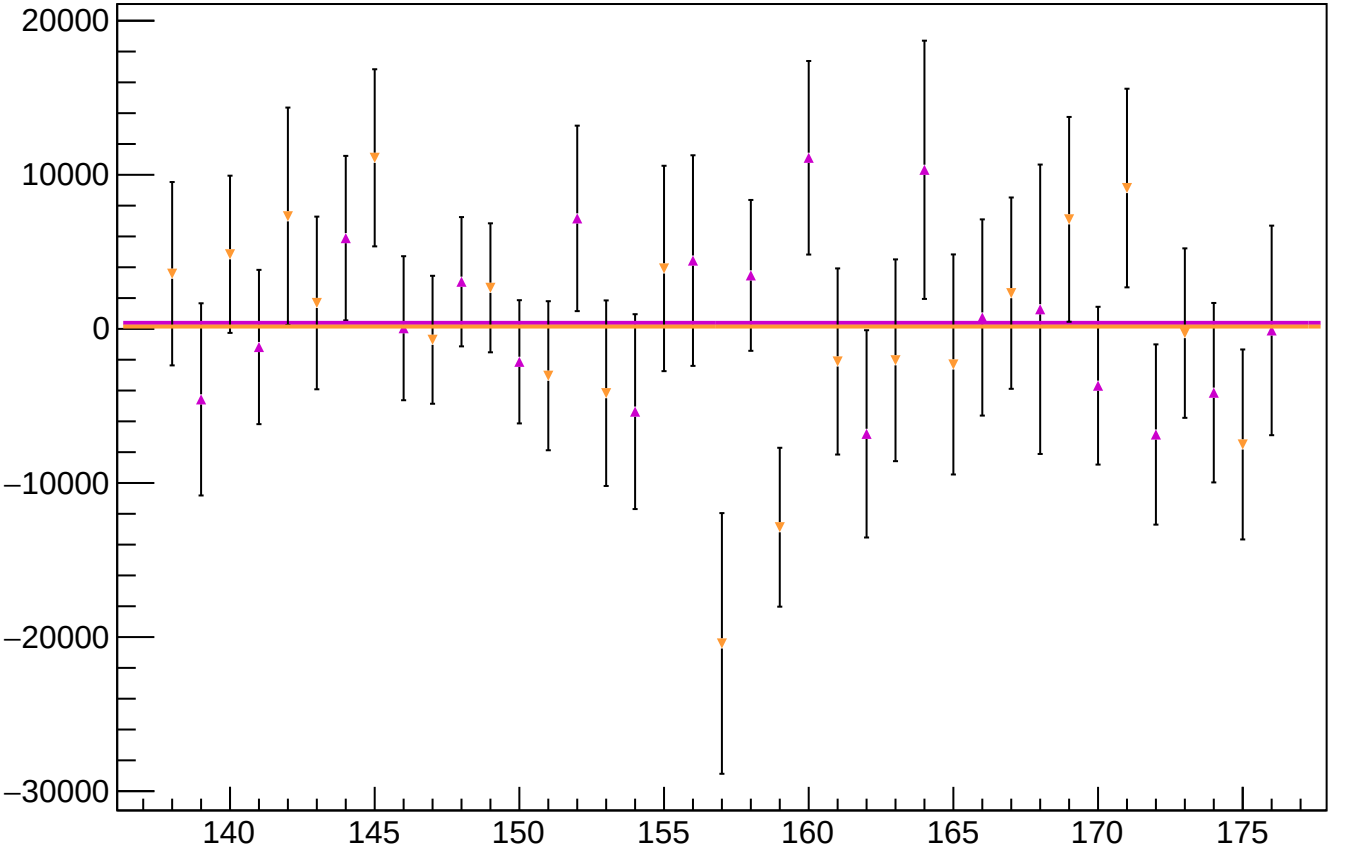
Right: 2019.103+/-0.395 χ^2/NDF: 1215366.0/35

In: 2016.274+/-0.309 χ^2/NDF:666954.1/35

Out: 2027.513+/-0.308 χ^2/NDF:664297.8/38

All: 2021.917+/-0.218 χ^2/NDF: 1331915.4/74

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 152.246+/-1279.573 χ^2/NDF:25.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 391.102+/-1293.415 χ^2/NDF:13.7/18

Left: 270.389+/-909.649 χ^2/NDF: 38.7/38

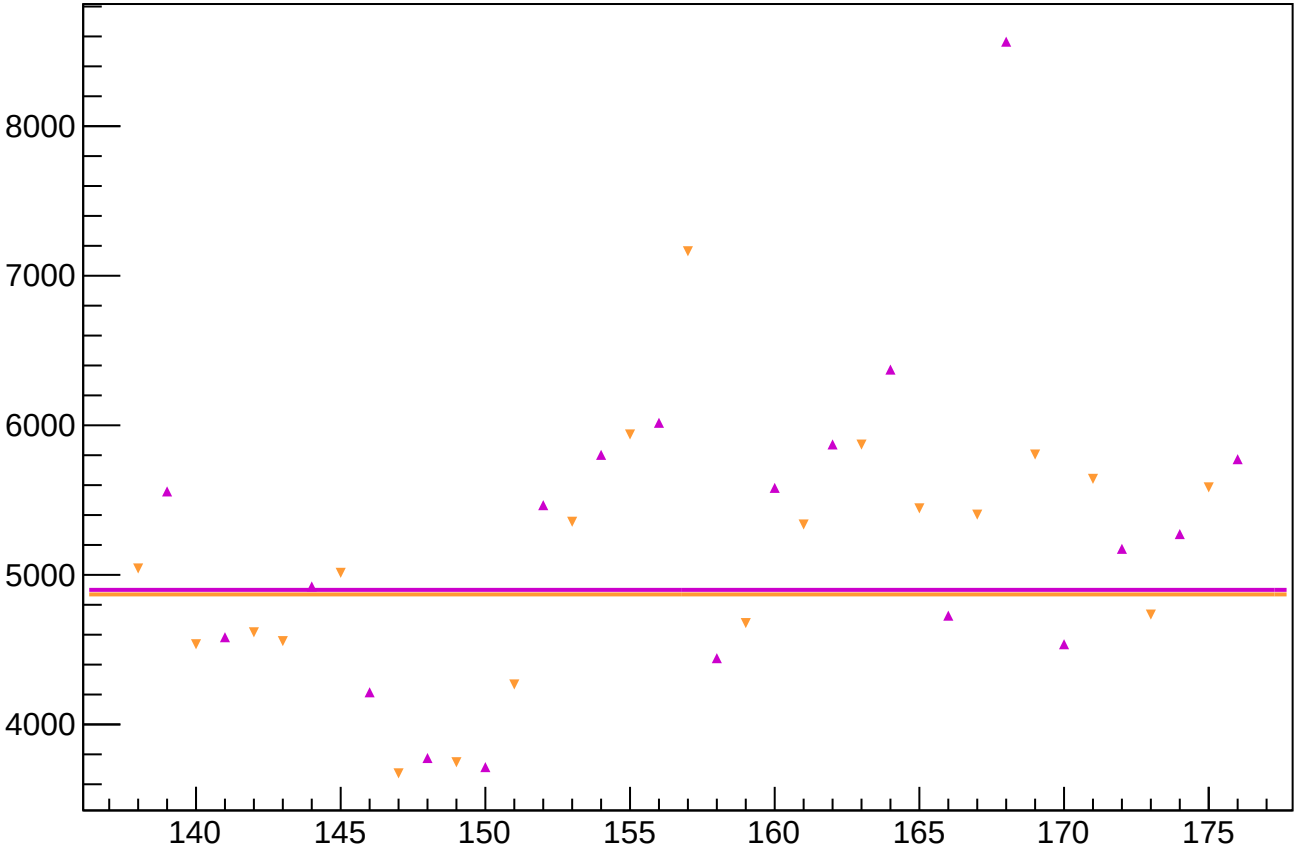
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 391.102+/-1293.415 χ^2/NDF:13.7/18

Out: 152.246+/-1279.573 χ^2/NDF:25.0/19

All: 270.389+/-909.649 χ^2/NDF: 38.7/38

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 4869.354+/-0.905 χ^2/NDF:758466.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4899.789+/-0.915 χ^2/NDF:1010759.1/18

Left: 4884.408+/-0.643 χ^2/NDF: 1769785.2/38

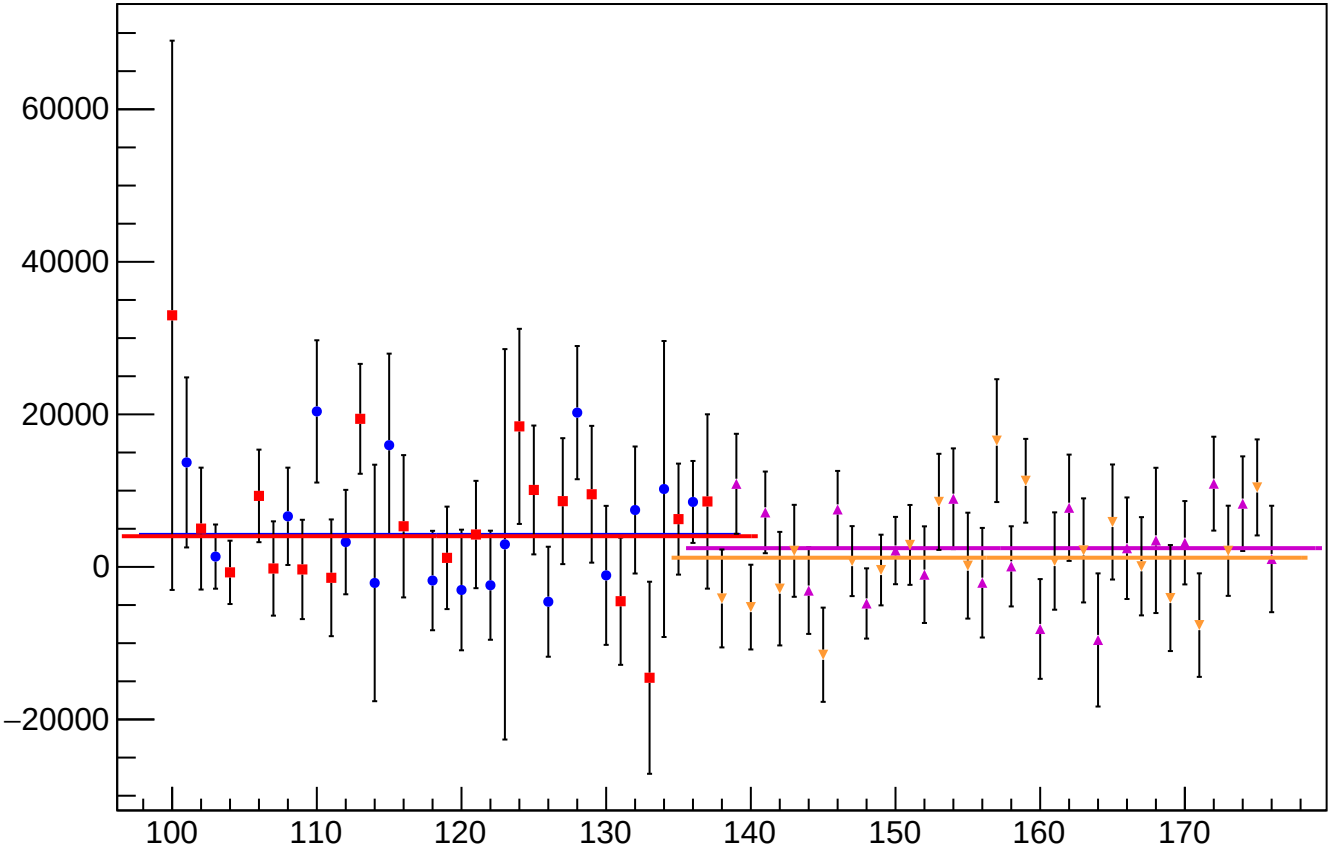
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4899.789+/-0.915 χ^2/NDF:1010759.1/18

Out: 4869.354+/-0.905 χ^2/NDF:758466.5/19

All: 4884.408+/-0.643 χ^2/NDF: 1769785.2/38

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4198.770+/-1857.803 χ^2/NDF: 14.1/16

Left Out: 1205.435+/-1364.092 χ^2/NDF:20.1/19

Right Out: 4023.682+/-1725.187 χ^2/NDF: 14.8/18

Left In: 2459.076+/-1377.013 χ^2/NDF:16.7/18

Left: 1826.346+/-969.095 χ^2/NDF: 37.2/38

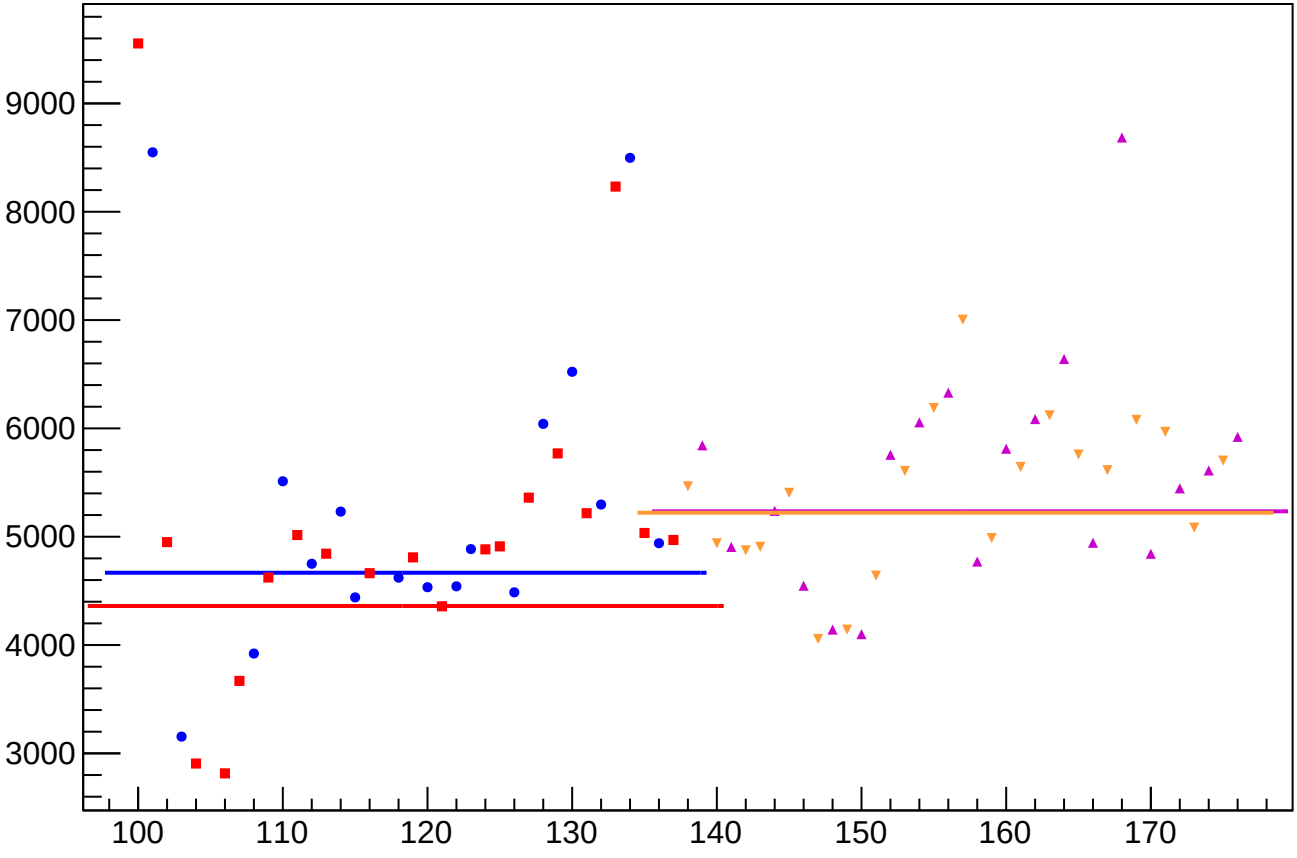
Right: 4104.755+/-1264.177 χ^2/NDF: 29.0/35

In: 3075.942+/-1106.263 χ^2/NDF:31.4/35

Out: 2289.583+/-1070.018 χ^2/NDF:36.6/38

All: 2669.670+/-769.111 χ^2/NDF: 68.2/74

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4667.470+/-1.314 χ^2/NDF: 777857.9/16

Left Out: 5221.799+/-0.965 χ^2/NDF:557914.8/19

Right Out: 4360.582+/-1.213 χ^2/NDF: 832745.2/18

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

Left: 5228.023+/-0.685 χ^2/NDF: 1374114.7/38

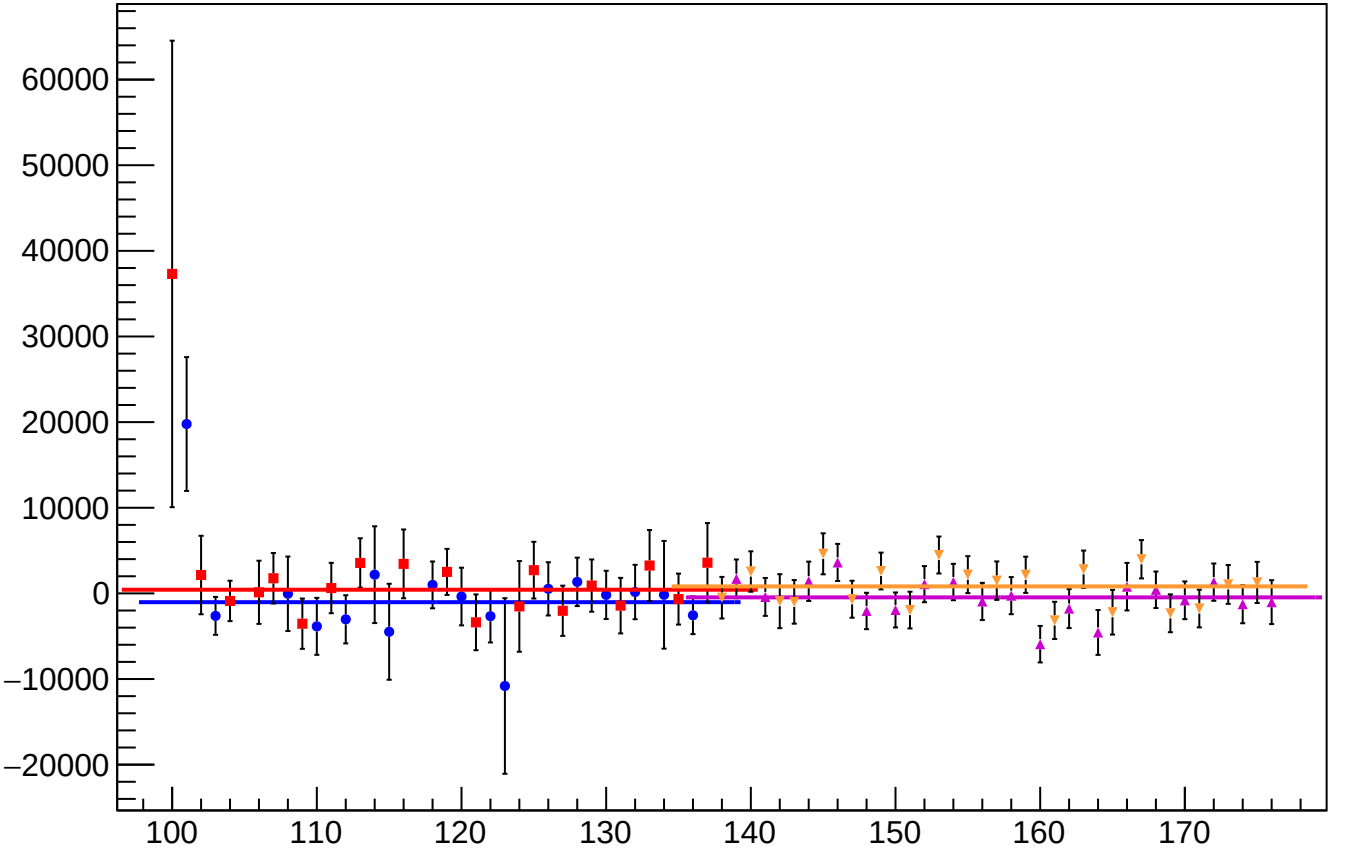
Right: 4501.800+/-0.891 χ^2/NDF: 1640064.7/35

In: 5033.355+/-0.782 χ^2/NDF:1714166.3/35

Out: 4888.135+/-0.755 χ^2/NDF:1699522.6/38

All: 4958.165+/-0.543 χ^2/NDF: 3431533.2/74

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1027.051+/-796.597 χ^2/NDF: 13.1/16

Left Out: 817.238+/-511.306 χ^2/NDF:21.8/19

Right Out: 428.488+/-760.817 χ^2/NDF: 10.8/18

Left In: -464.200+/-511.917 χ^2/NDF:18.1/18

Left: 177.283+/-361.764 χ^2/NDF: 43.0/38

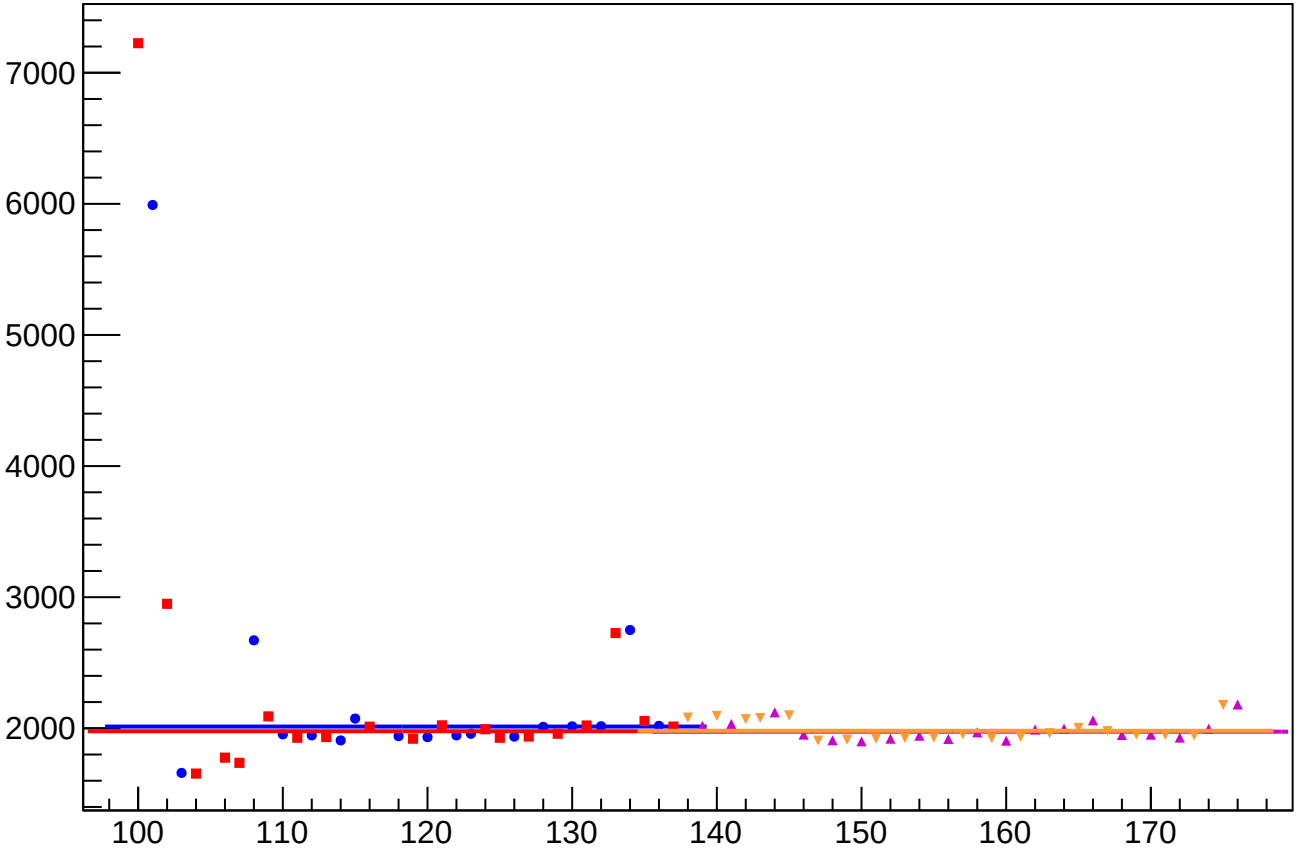
Right: -265.860+/-550.193 χ^2/NDF: 25.6/35

In: -628.706+/-430.658 χ^2/NDF:31.5/35

Out: 696.287+/-424.375 χ^2/NDF:32.7/38

All: 43.525+/-302.275 χ^2/NDF: 69.0/74

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2013.270+/-0.563 χ^2/NDF: 650048.6/16

Left Out: 1981.067+/-0.362 χ^2/NDF:43313.9/19

Right Out: 1977.545+/-0.537 χ^2/NDF: 294899.1/18

Left In: 1974.169+/-0.362 χ^2/NDF:37108.3/18

Left: 1977.622+/-0.256 χ^2/NDF: 80604.0/38

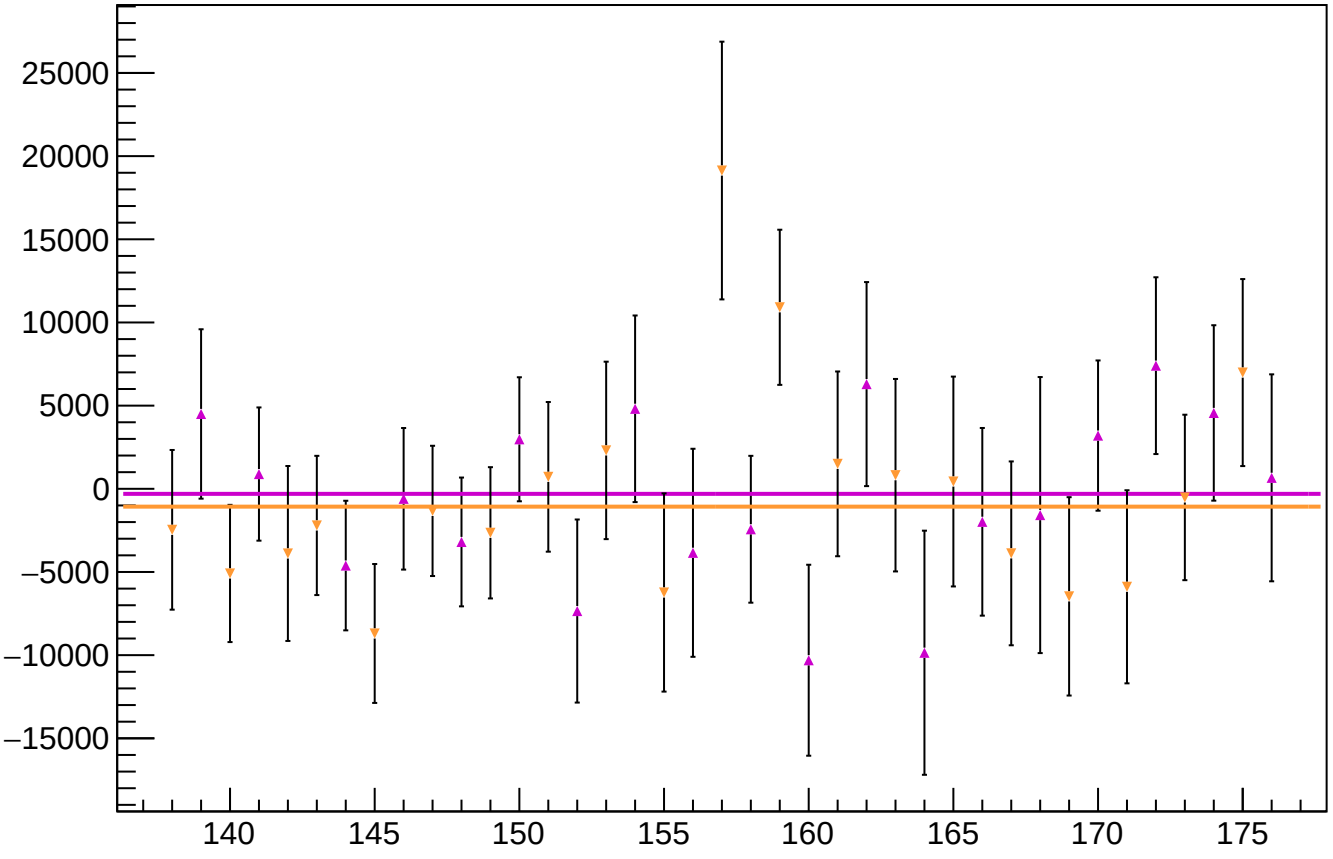
Right: 1994.568+/-0.389 χ^2/NDF: 947053.5/35

In: 1985.597+/-0.305 χ^2/NDF:690567.3/35

Out: 1979.969+/-0.300 χ^2/NDF:338242.6/38

All: 1982.741+/-0.214 χ^2/NDF: 1028983.2/74

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1071.978+/-1112.699 χ^2/NDF:23.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -303.566+/-1139.532 χ^2/NDF:16.1/18

Left: -696.926+/-796.115 χ^2/NDF: 40.2/38

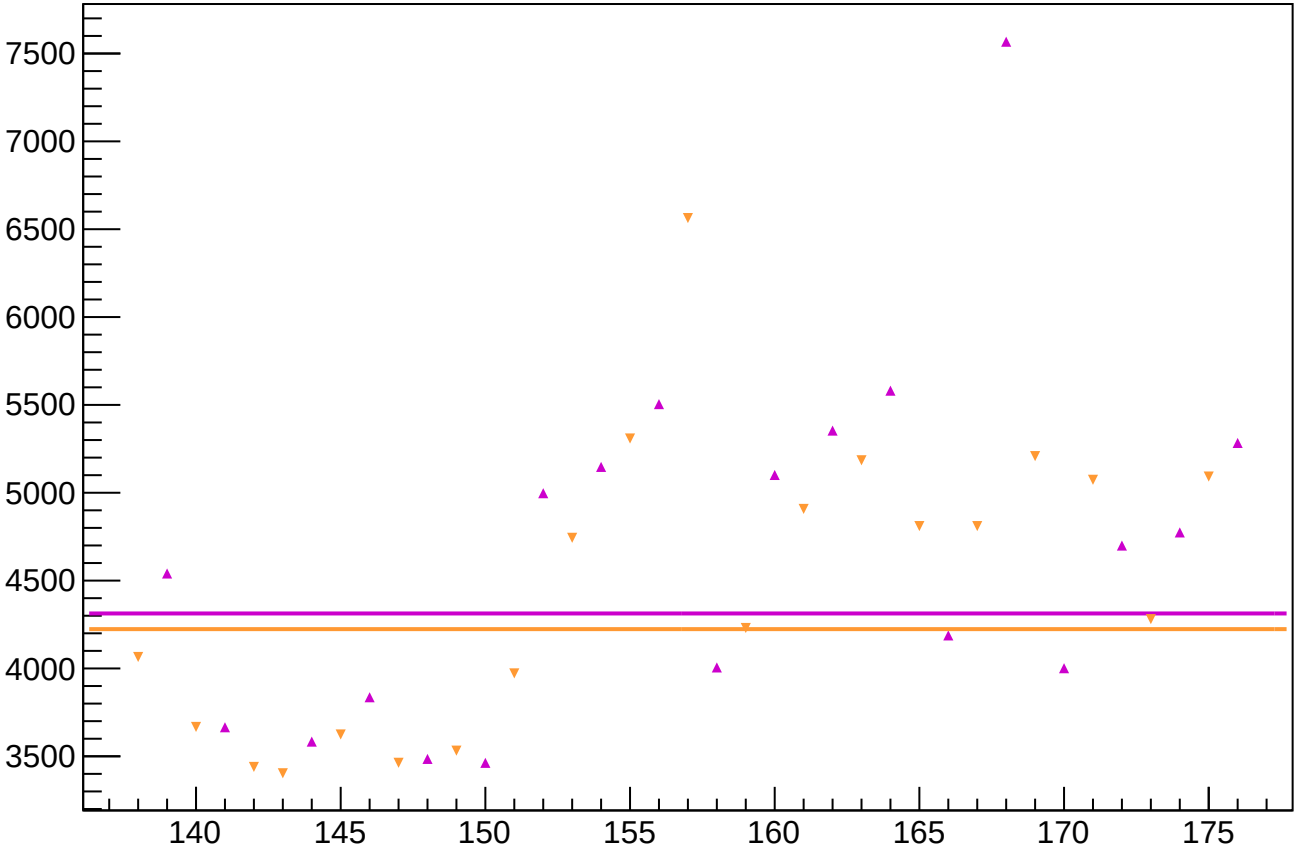
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -303.566+/-1139.532 χ^2/NDF:16.1/18

Out: -1071.978+/-1112.699 χ^2/NDF:23.8/19

All: -696.926+/-796.115 χ^2/NDF: 40.2/38

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 4223.791+/-0.787 χ^2/NDF:882940.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4312.987+/-0.806 χ^2/NDF:1052142.1/18

Left: 4267.327+/-0.563 χ^2/NDF: 1941355.3/38

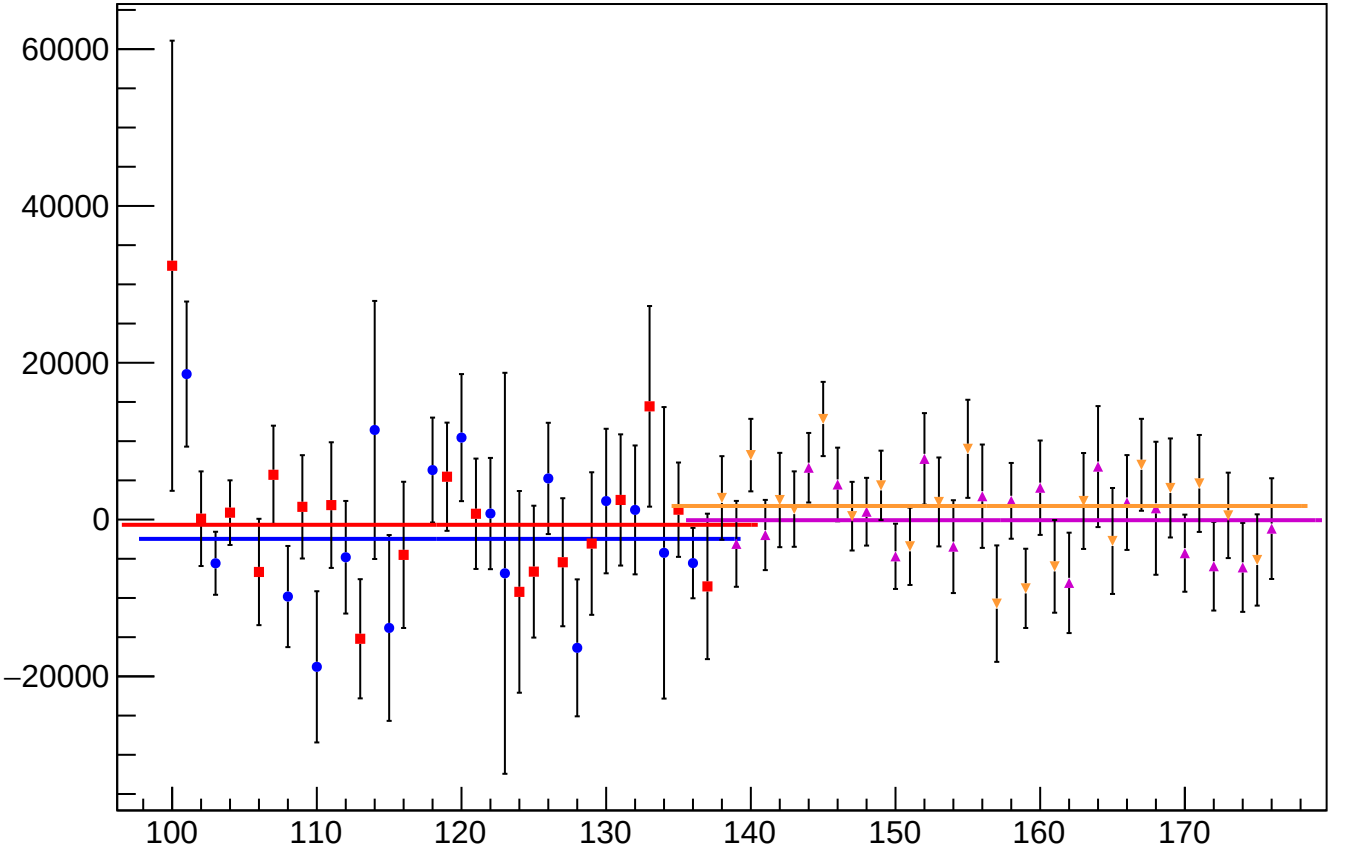
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4312.987+/-0.806 χ^2/NDF:1052142.1/18

Out: 4223.791+/-0.787 χ^2/NDF:882940.5/19

All: 4267.327+/-0.563 χ^2/NDF: 1941355.3/38

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2462.254+/-1797.293 χ^2/NDF: 20.8/16

Left Out: 1733.389+/-1215.845 χ^2/NDF:22.3/19

Right Out: -666.170+/-1689.812 χ^2/NDF: 11.9/18

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

Left: 843.402+/-867.506 χ^2/NDF: 36.9/38

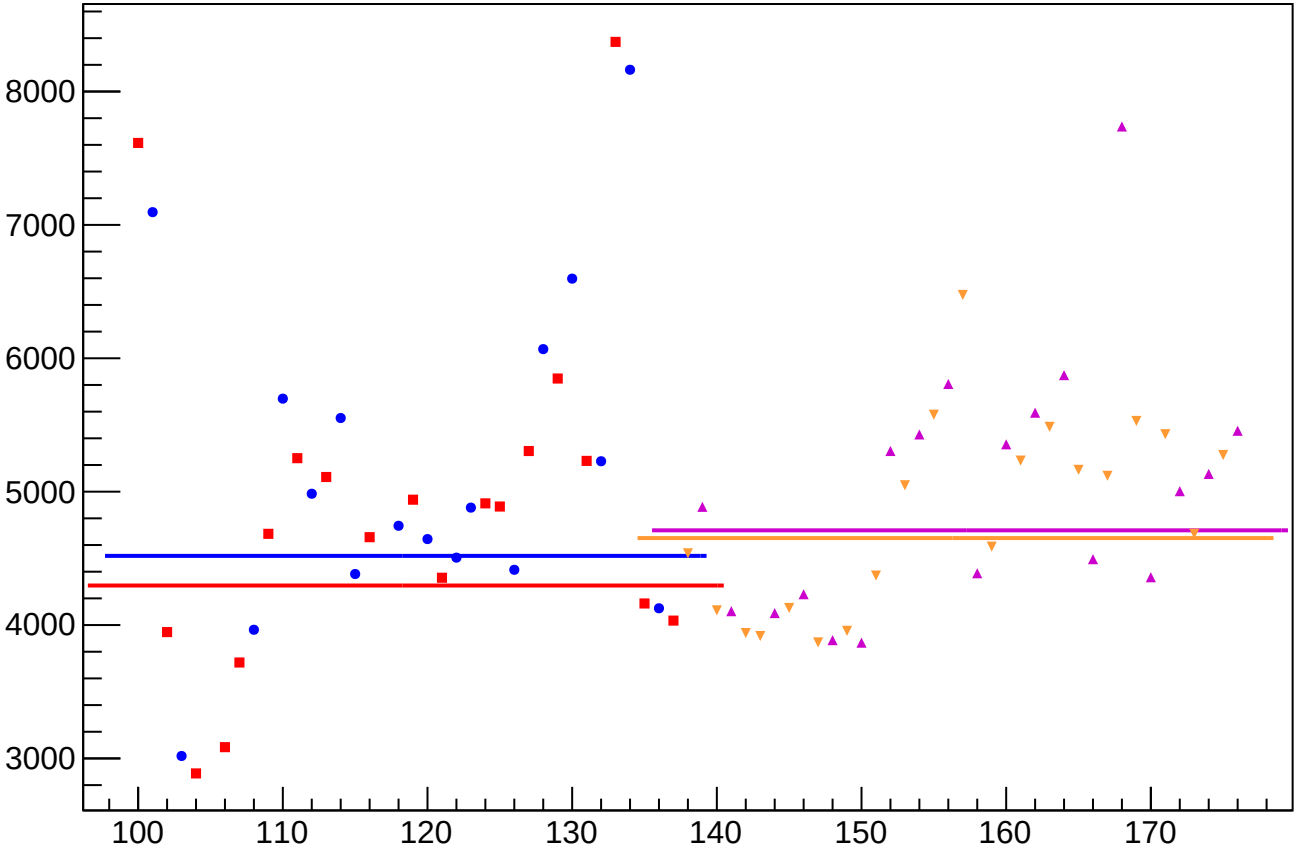
Right: -1508.905+/-1231.122 χ^2/NDF: 33.3/35

In: -846.370+/-1019.615 χ^2/NDF:35.6/35

Out: 914.878+/-986.927 χ^2/NDF:35.5/38

All: 62.939+/-709.137 χ^2/NDF: 72.6/74

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4518.684+/-1.271 χ^2/NDF: 770226.9/16

Left Out: 4652.079+/-0.860 χ^2/NDF:595466.7/19

Right Out: 4296.379+/-1.188 χ^2/NDF: 771702.5/18

Left In: 4710.140+/-0.875 χ^2/NDF:785264.8/18

Left: 4680.582+/-0.613 χ^2/NDF: 1382970.5/38

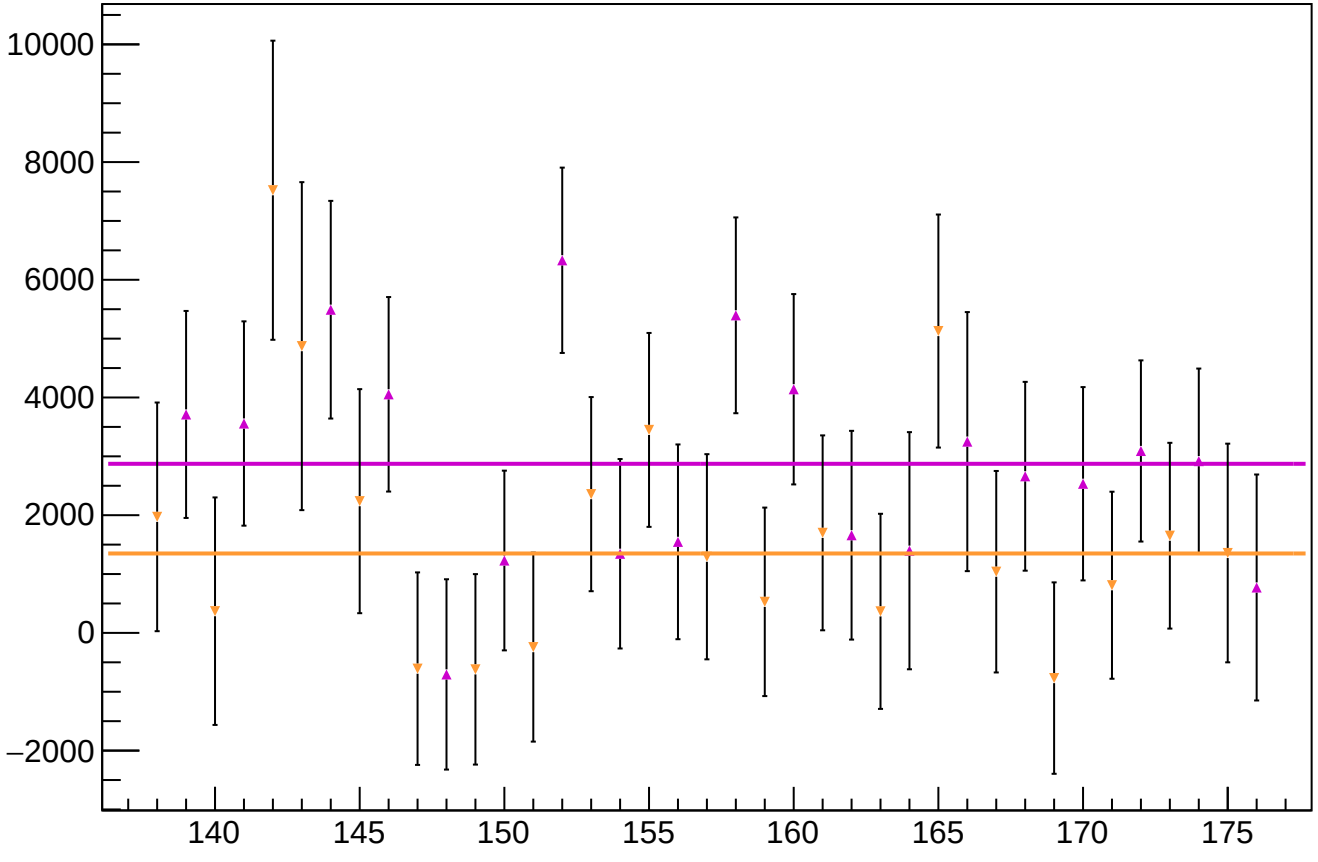
Right: 4400.071+/-0.868 χ^2/NDF: 1558255.2/35

In: 4648.522+/-0.721 χ^2/NDF:1570882.6/35

Out: 4529.856+/-0.697 χ^2/NDF:1425987.1/38

All: 4587.144+/-0.501 χ^2/NDF: 3010881.8/74

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1349.343+/-392.803 χ^2/NDF:20.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 2873.140+/-387.750 χ^2/NDF:20.5/18

Left: 2121.104+/-275.950 χ^2/NDF: 48.3/38

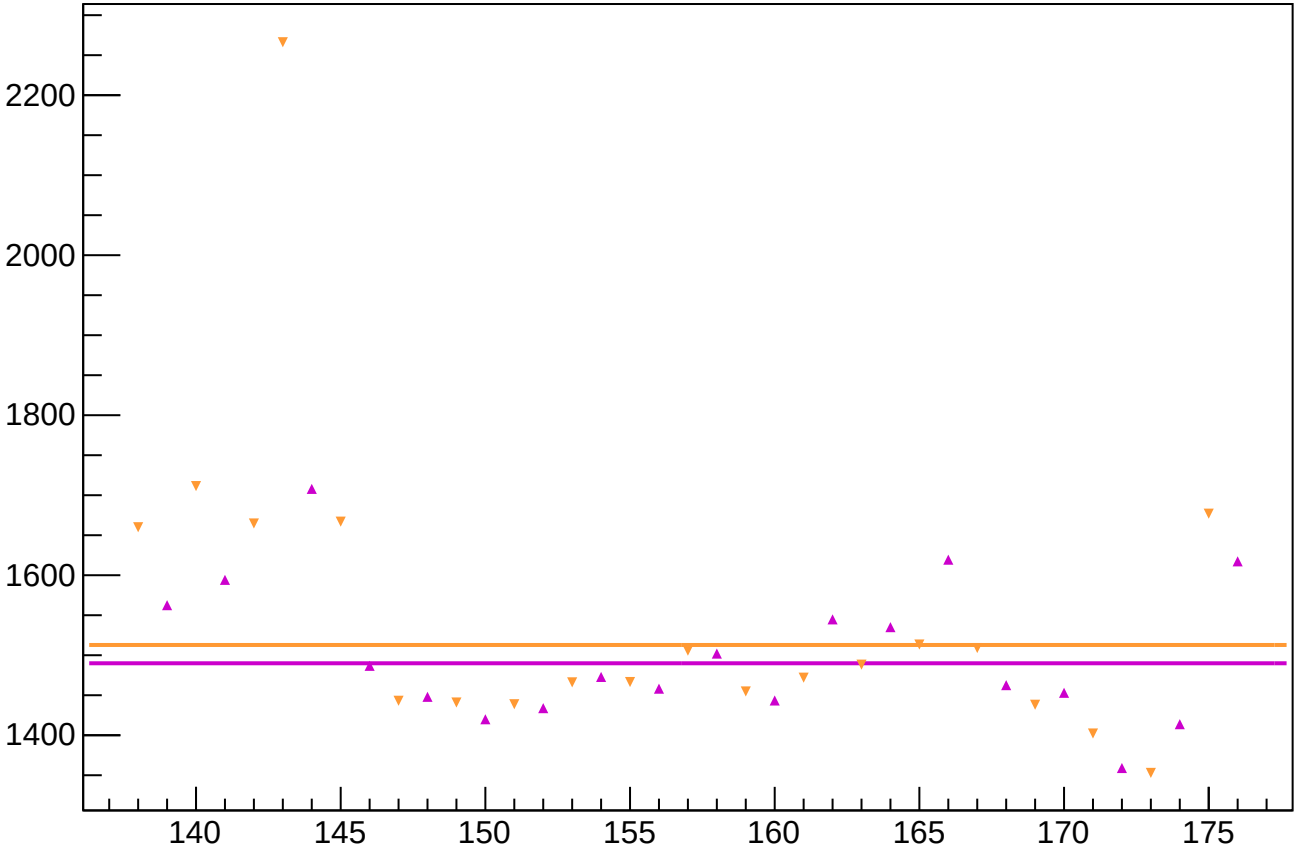
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2873.140+/-387.750 χ^2/NDF:20.5/18

Out: 1349.343+/-392.803 χ^2/NDF:20.2/19

All: 2121.104+/-275.950 χ^2/NDF: 48.3/38

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1512.819+/-0.278 χ^2/NDF:268438.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1489.947+/-0.274 χ^2/NDF:88621.2/18

Left: 1501.235+/-0.195 χ^2/NDF: 360493.8/38

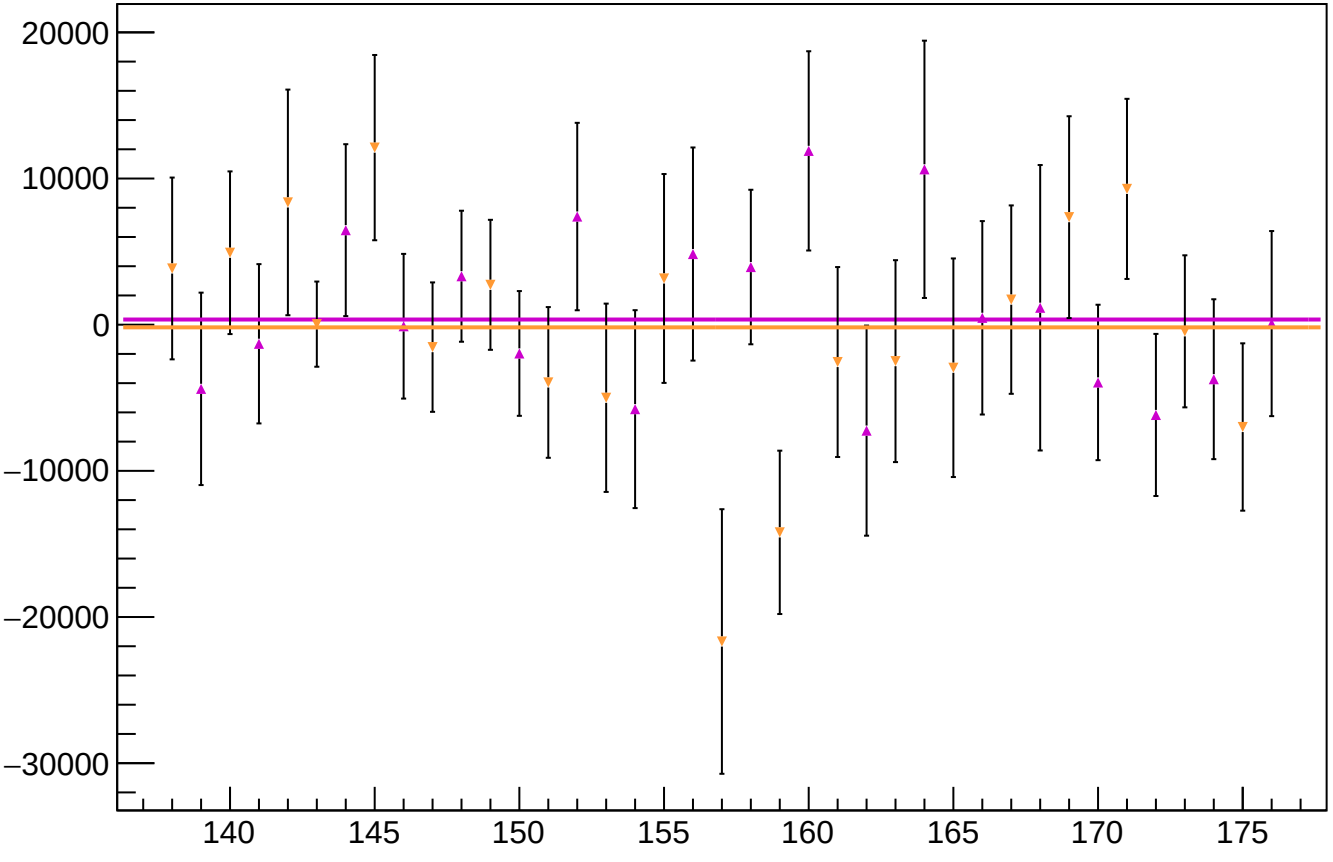
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1489.947+/-0.274 χ^2/NDF:88621.2/18

Out: 1512.819+/-0.278 χ^2/NDF:268438.3/19

All: 1501.235+/-0.195 χ^2/NDF: 360493.8/38

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -182.370+/-1244.102 χ^2/NDF:25.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 353.531+/-1354.198 χ^2/NDF:13.3/18

Left: 62.914+/-916.167 χ^2/NDF: 38.8/38

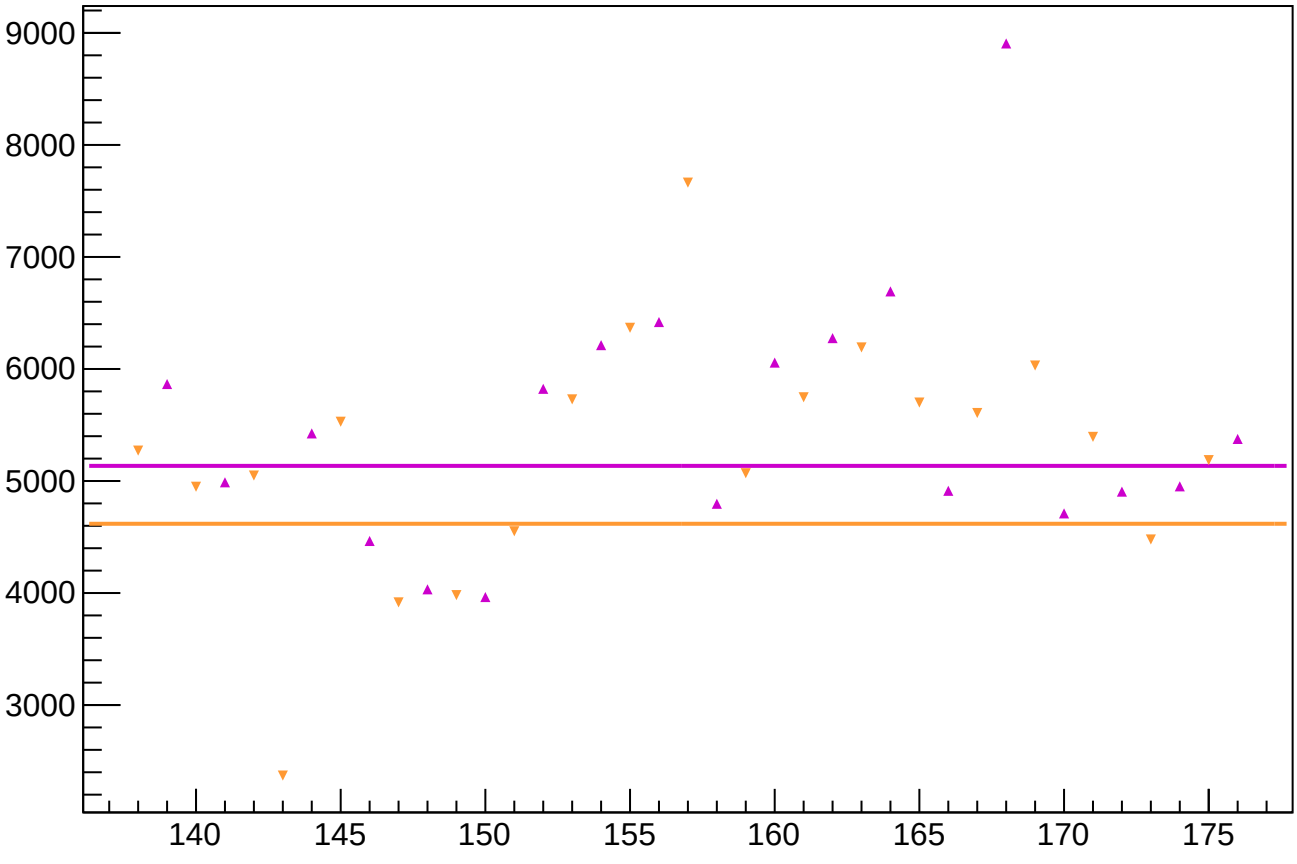
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 353.531+/-1354.198 χ^2/NDF:13.3/18

Out: -182.370+/-1244.102 χ^2/NDF:25.5/19

All: 62.914+/-916.167 χ^2/NDF: 38.8/38

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 4618.215+/-0.880 χ^2/NDF:2166709.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 5135.132+/-0.958 χ^2/NDF:954378.2/18

Left: 4854.810+/-0.648 χ^2/NDF: 3279119.4/38

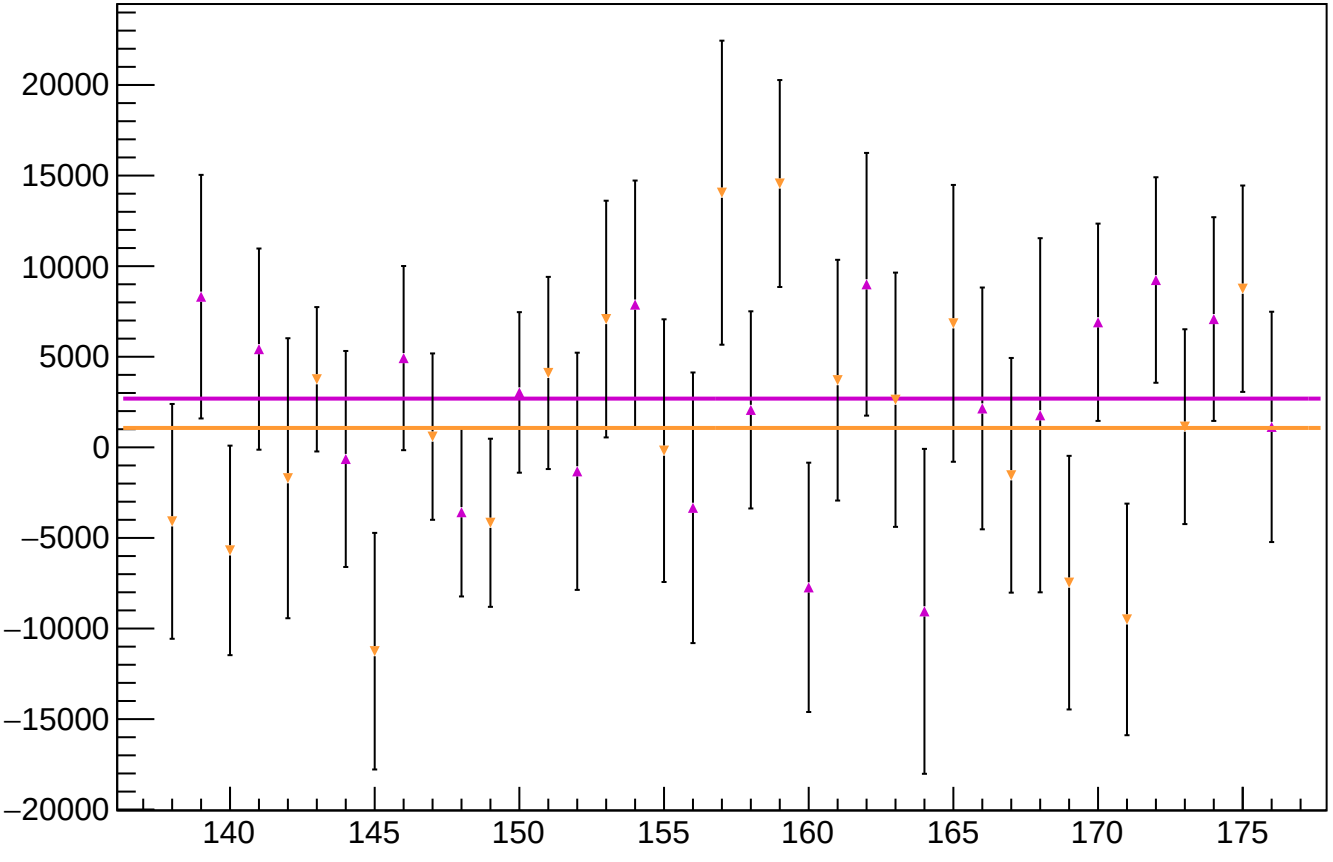
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5135.132+/-0.958 χ^2/NDF:954378.2/18

Out: 4618.215+/-0.880 χ^2/NDF:2166709.3/19

All: 4854.810+/-0.648 χ^2/NDF: 3279119.4/38

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1070.545+/-1326.941 χ^2/NDF:23.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Left: 1845.735+/-957.994 χ^2/NDF: 36.6/38

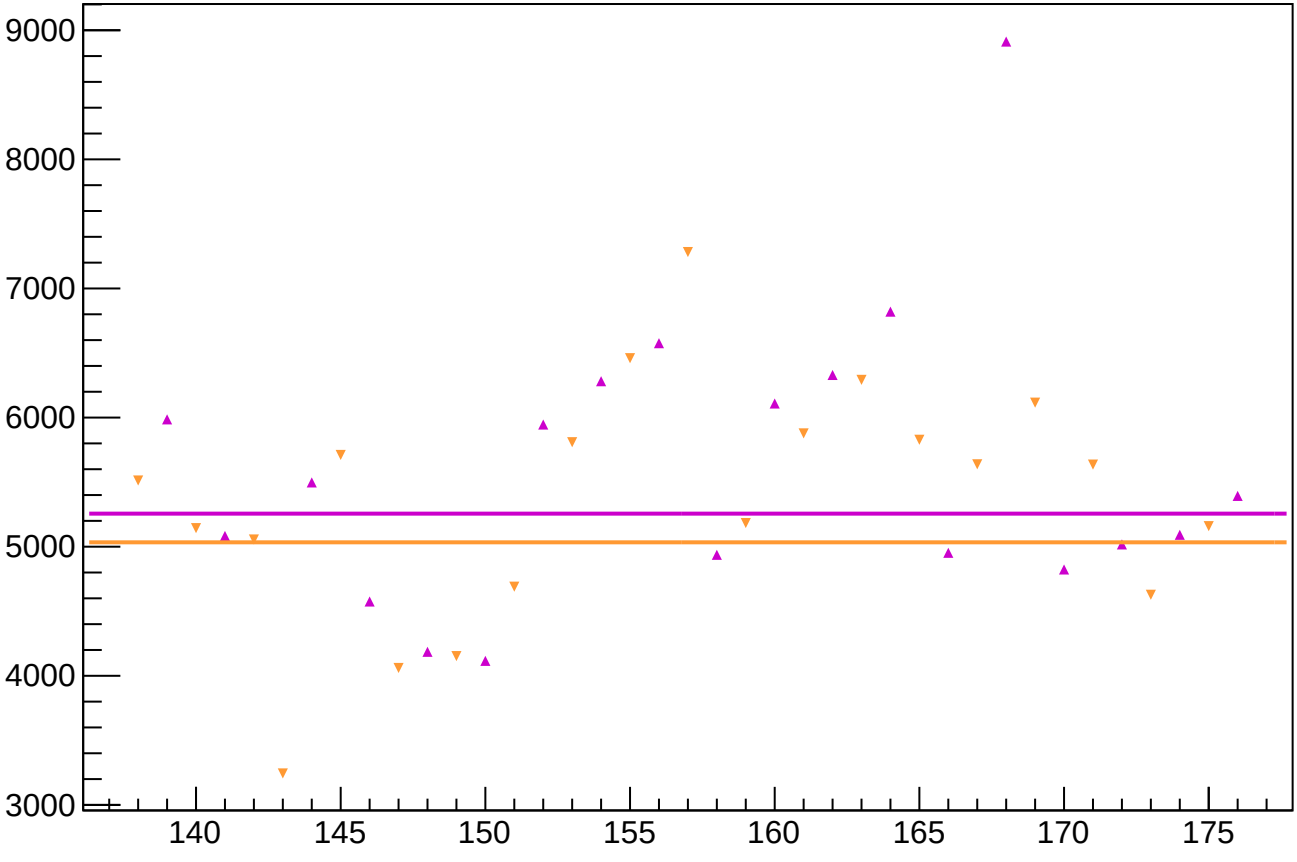
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Out: 1070.545+/-1326.941 χ^2/NDF:23.6/19

All: 1845.735+/-957.994 χ^2/NDF: 36.6/38

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 5033.827+/-0.938 χ^2/NDF:1071262.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Left: 5140.181+/-0.677 χ^2/NDF: 1975933.7/38

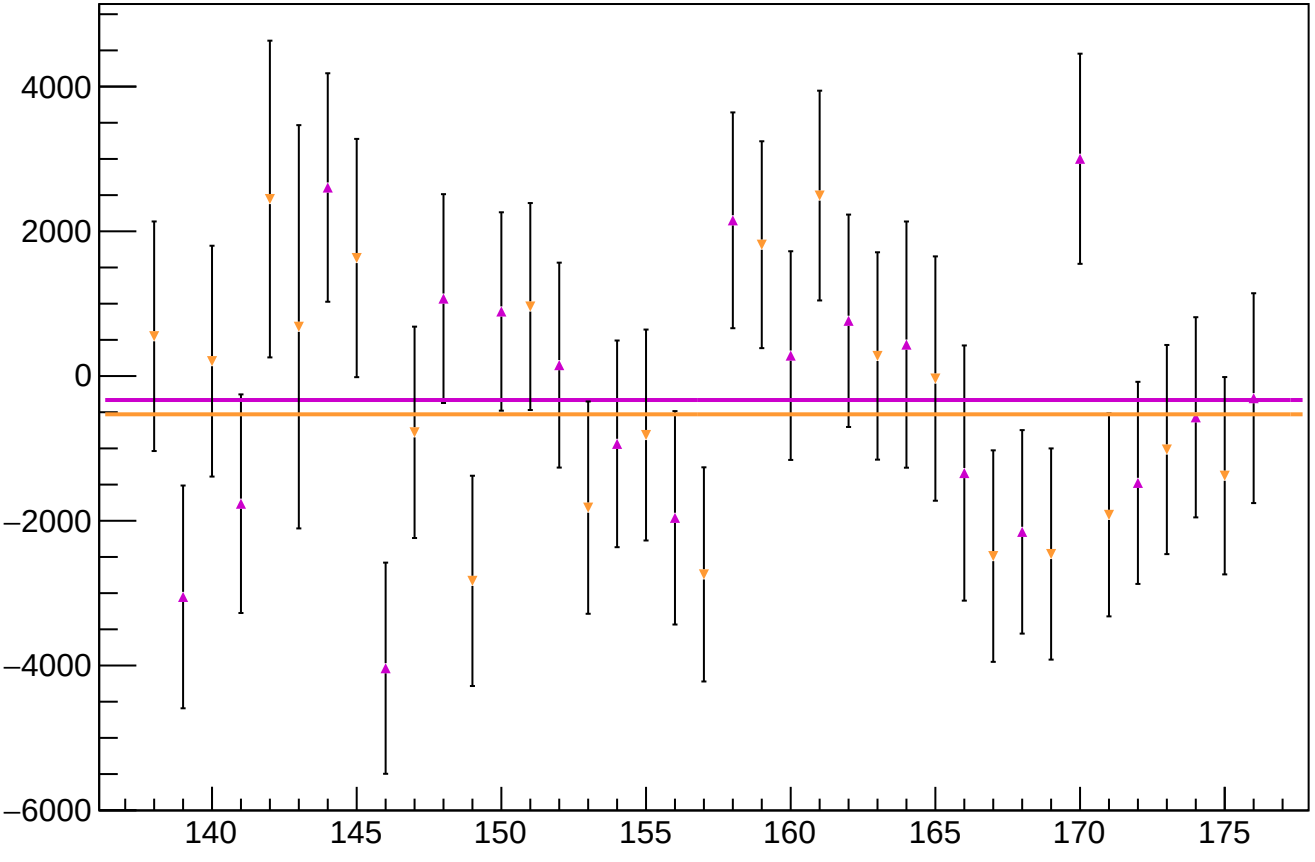
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Out: 5033.827+/-0.938 χ^2/NDF:1071262.0/19

All: 5140.181+/-0.677 χ^2/NDF: 1975933.7/38

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -528.748+/-341.243 χ^2/NDF:23.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -331.149+/-338.122 χ^2/NDF:28.9/18

Left: -429.041+/-240.184 χ^2/NDF: 52.6/38

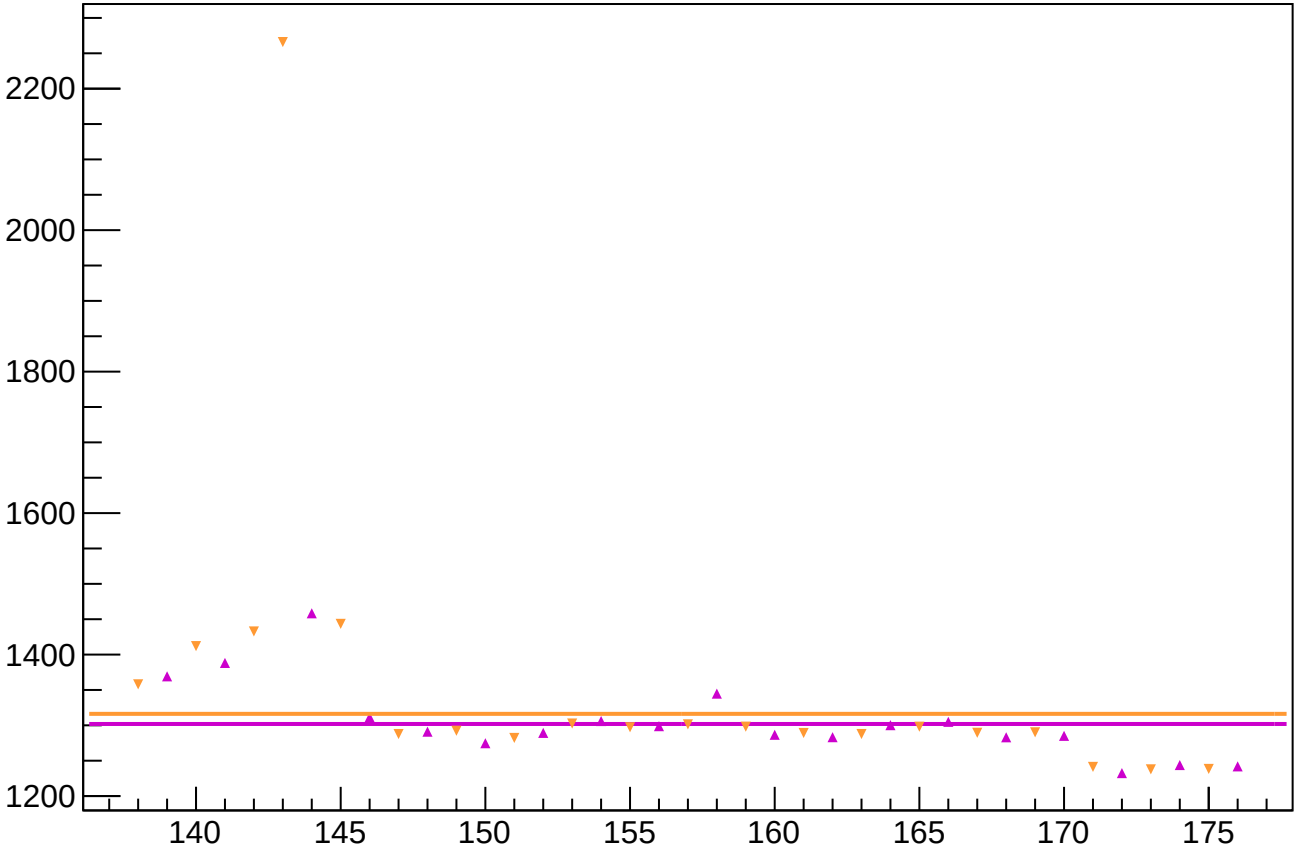
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -331.149+/-338.122 χ^2/NDF:28.9/18

Out: -528.748+/-341.243 χ^2/NDF:23.6/19

All: -429.041+/-240.184 χ^2/NDF: 52.6/38

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1316.227+/-0.241 χ^2/NDF:283162.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1301.908+/-0.239 χ^2/NDF:45895.5/18

Left: 1309.002+/-0.170 χ^2/NDF: 330834.5/38

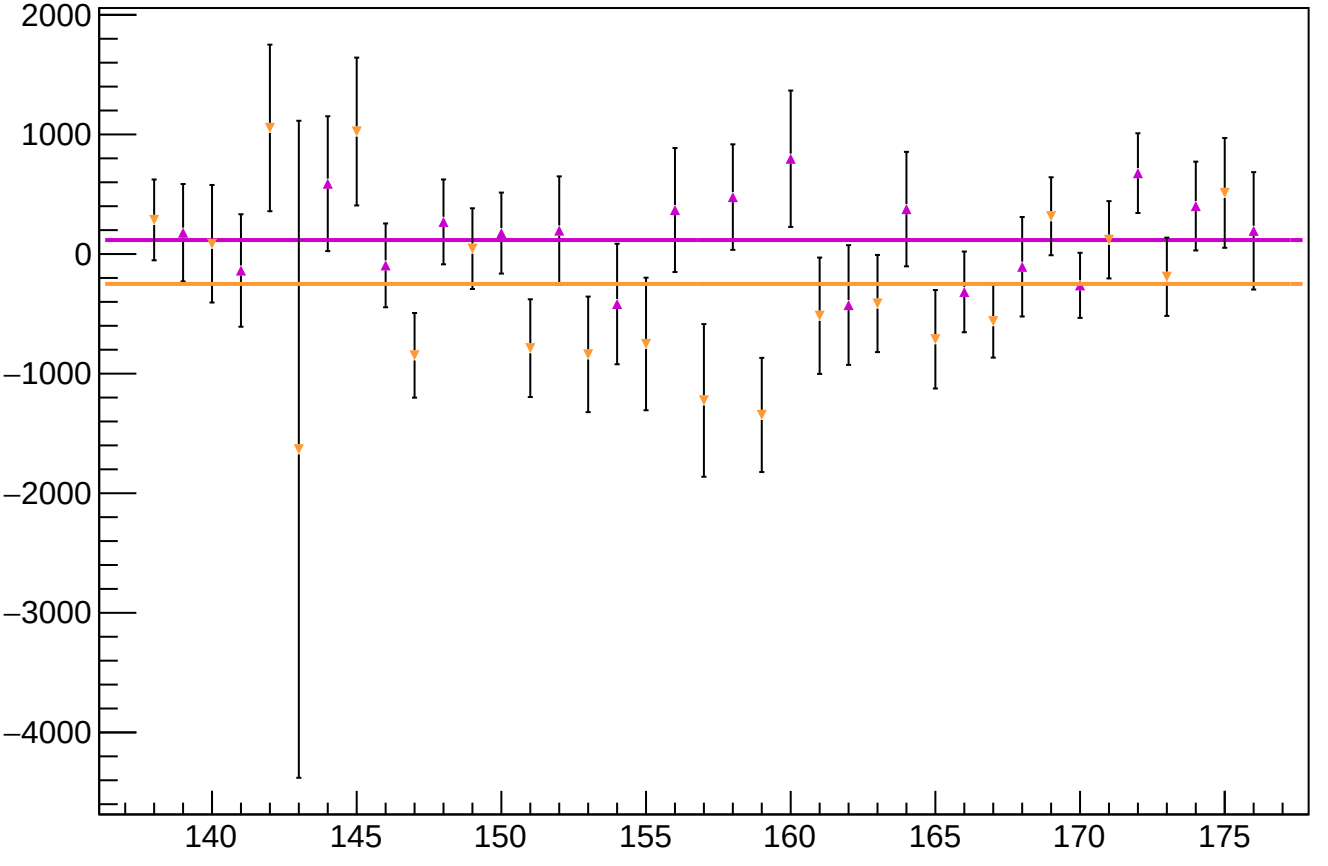
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1301.908+/-0.239 χ^2/NDF:45895.5/18

Out: 1316.227+/-0.241 χ^2/NDF:283162.0/19

All: 1309.002+/-0.170 χ^2/NDF: 330834.5/38

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -249.909+/-93.291 χ^2/NDF:36.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 116.988+/-92.815 χ^2/NDF:13.8/18

Left: -65.521+/-65.798 χ^2/NDF: 57.7/38

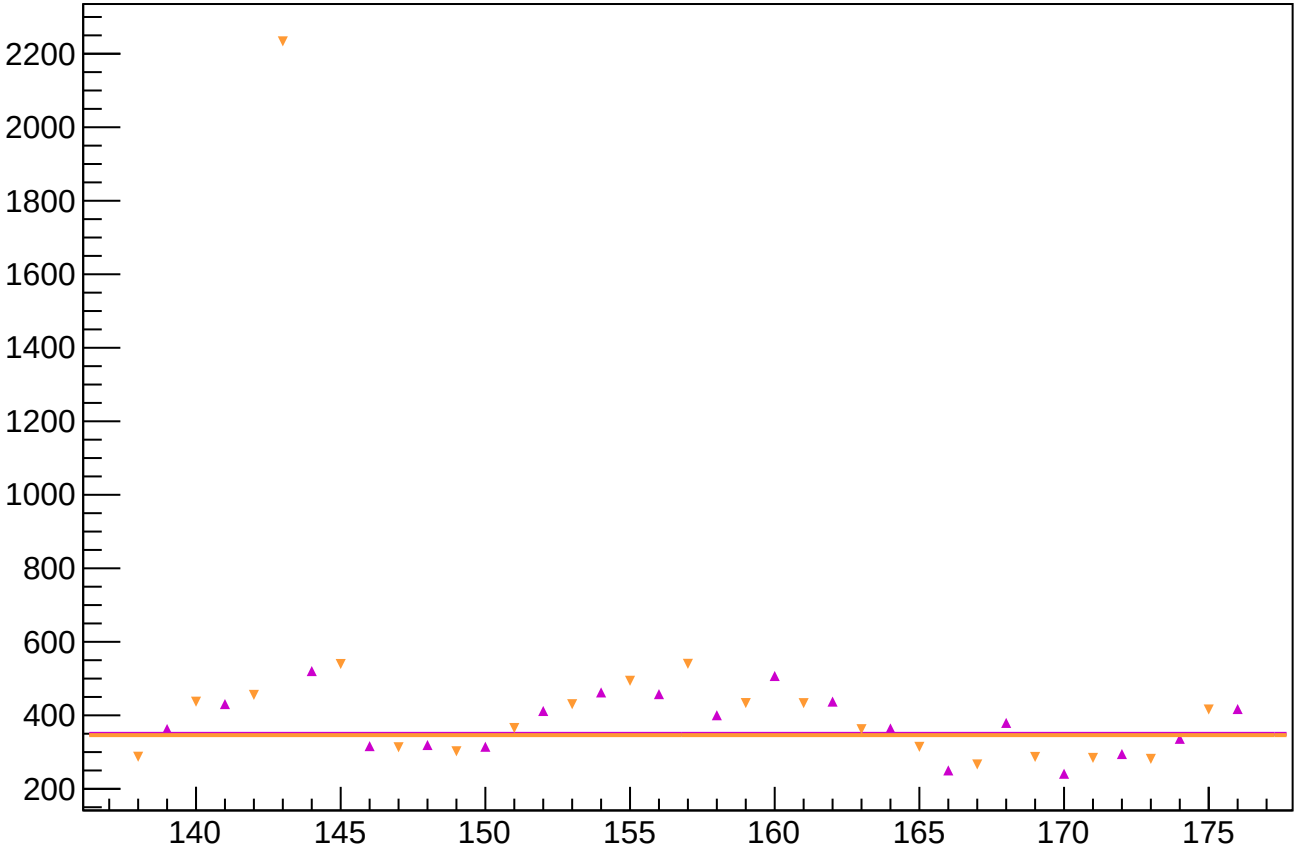
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 116.988+/-92.815 χ^2/NDF:13.8/18

Out: -249.909+/-93.291 χ^2/NDF:36.1/19

All: -65.521+/-65.798 χ^2/NDF: 57.7/38

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 346.146+/-0.066 χ^2/NDF:2309469.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 349.604+/-0.066 χ^2/NDF:1362943.9/18

Left: 347.884+/-0.047 χ^2/NDF: 3673794.3/38

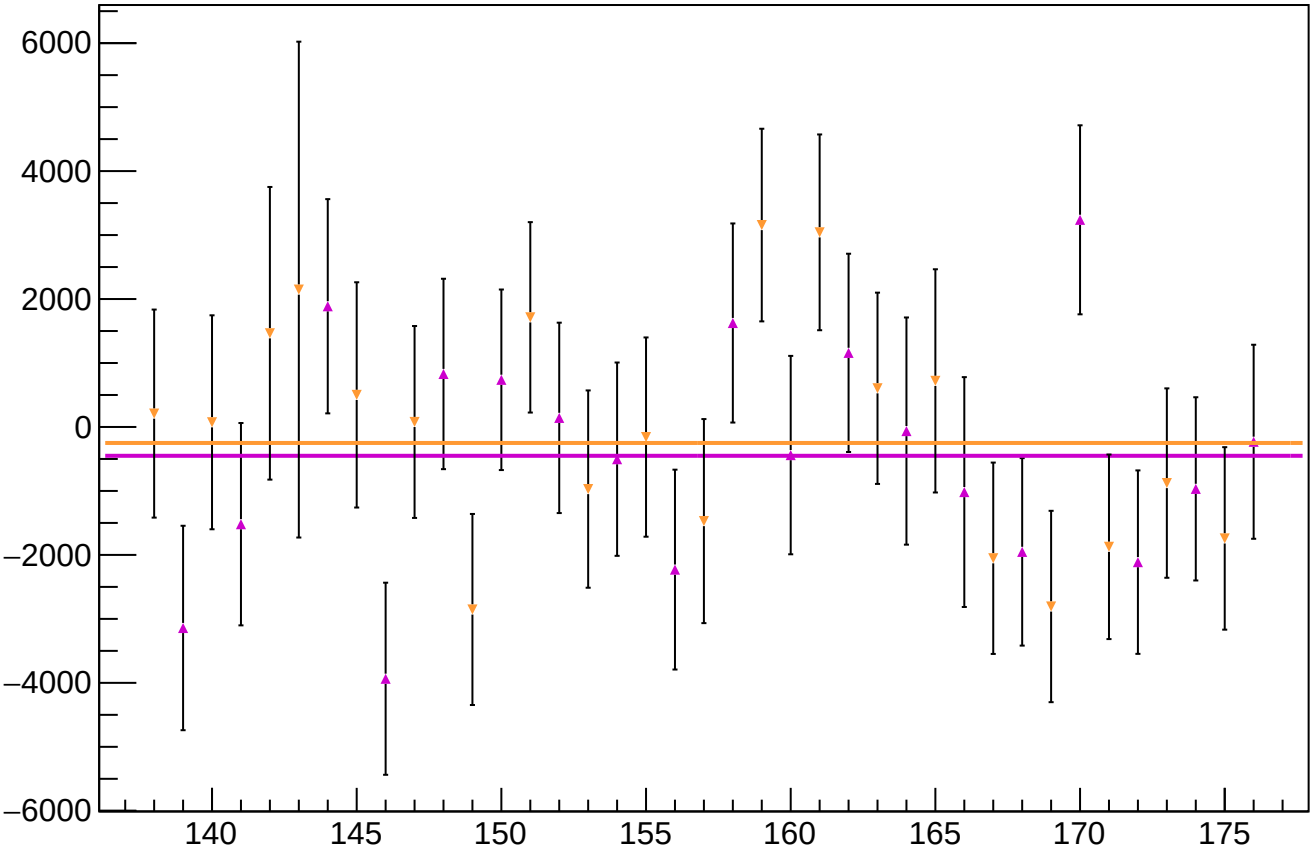
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 349.604+/-0.066 χ^2/NDF:1362943.9/18

Out: 346.146+/-0.066 χ^2/NDF:2309469.1/19

All: 347.884+/-0.047 χ^2/NDF: 3673794.3/38

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -249.904+/-356.850 χ^2/NDF:24.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -450.557+/-352.457 χ^2/NDF:25.3/18

Left: -351.473+/-250.764 χ^2/NDF: 49.7/38

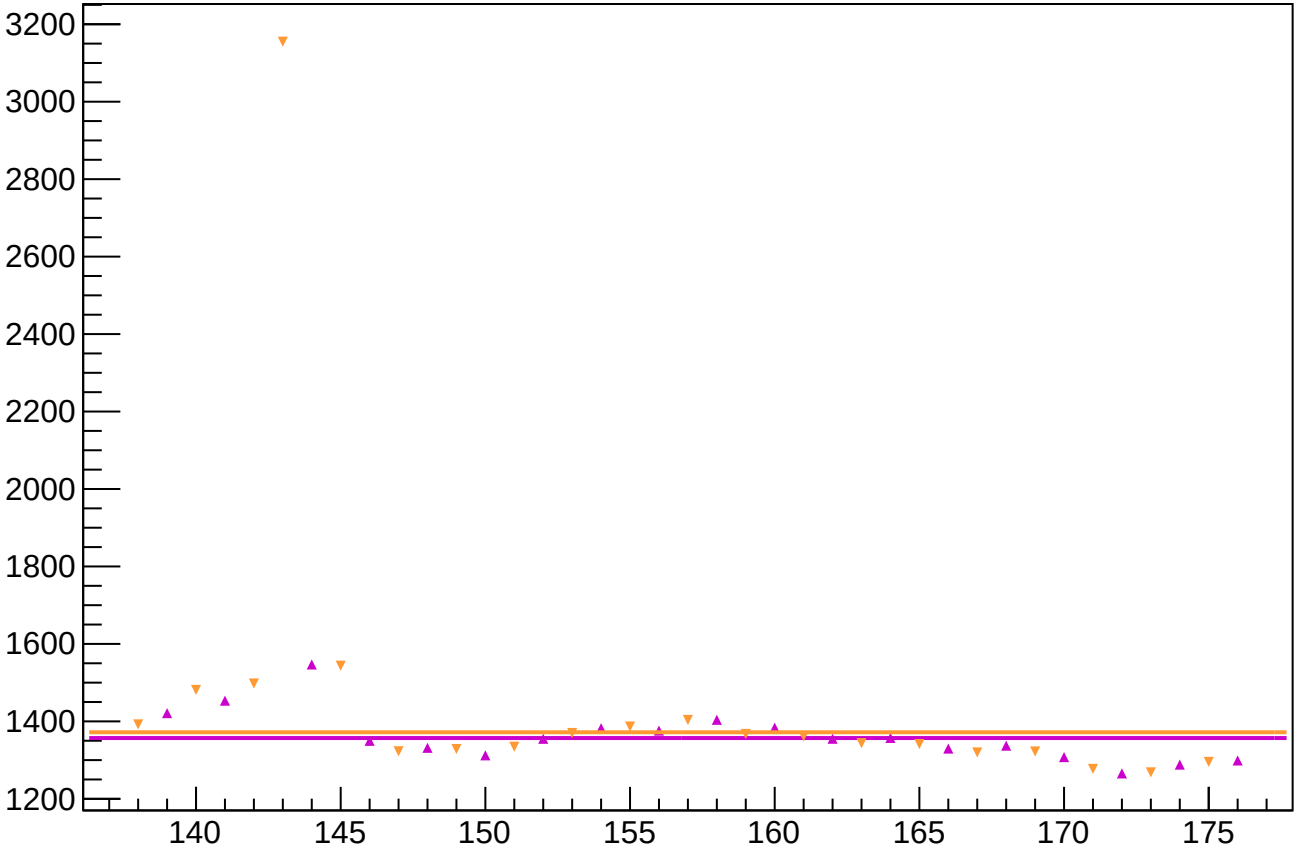
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -450.557+/-352.457 χ^2/NDF:25.3/18

Out: -249.904+/-356.850 χ^2/NDF:24.2/19

All: -351.473+/-250.764 χ^2/NDF: 49.7/38

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1371.857+/-0.252 χ^2/NDF:493500.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Left: 1364.304+/-0.177 χ^2/NDF: 556299.1/38

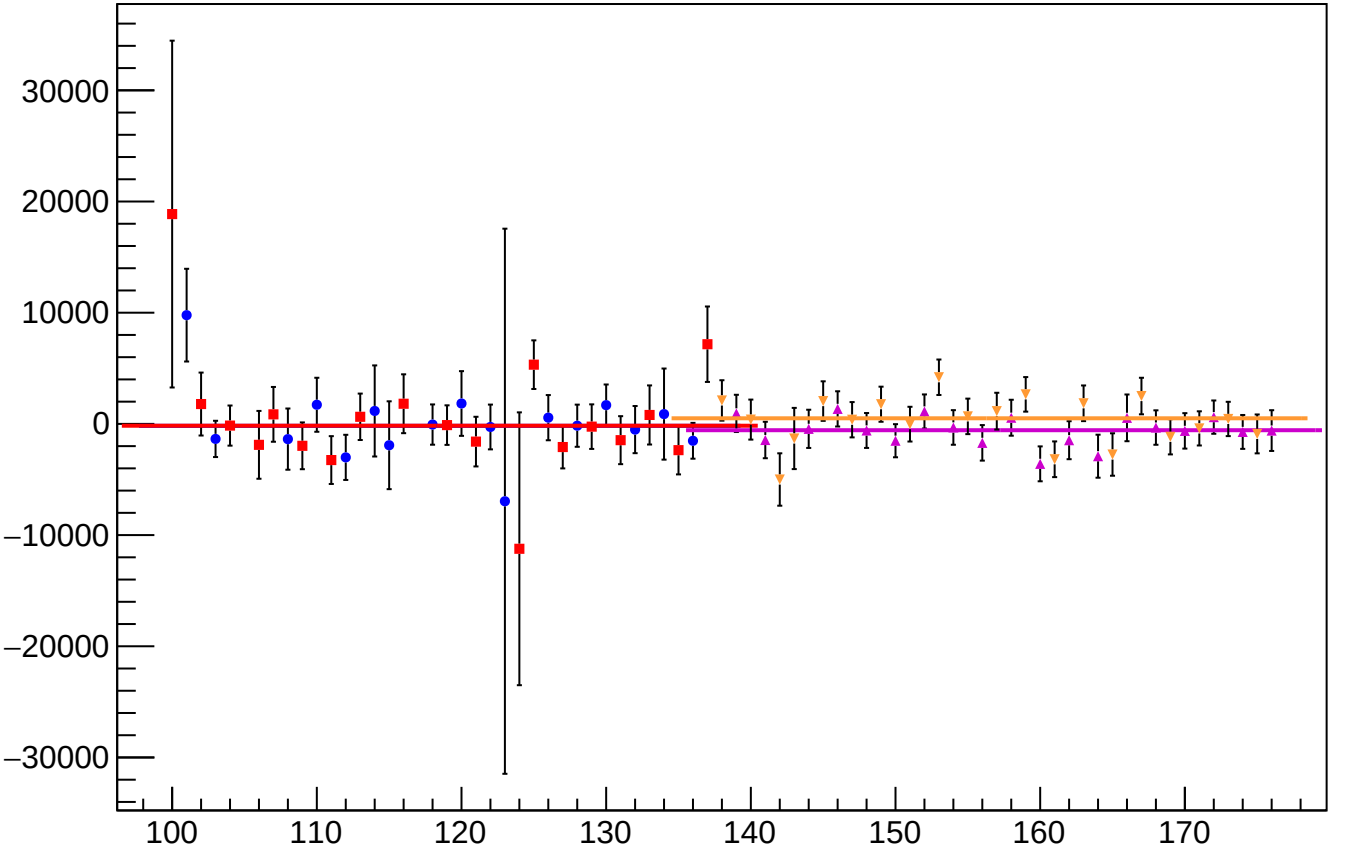
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Out: 1371.857+/-0.252 χ^2/NDF:493500.4/19

All: 1364.304+/-0.177 χ^2/NDF: 556299.1/38

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -174.841+/-554.659 χ^2/NDF: 11.8/16

Left Out: 503.705+/-377.851 χ^2/NDF:28.1/19

Right Out: -164.937+/-540.101 χ^2/NDF: 20.7/18

Left In: -568.330+/-373.646 χ^2/NDF:11.6/18

Left: -38.311+/-265.682 χ^2/NDF: 43.8/38

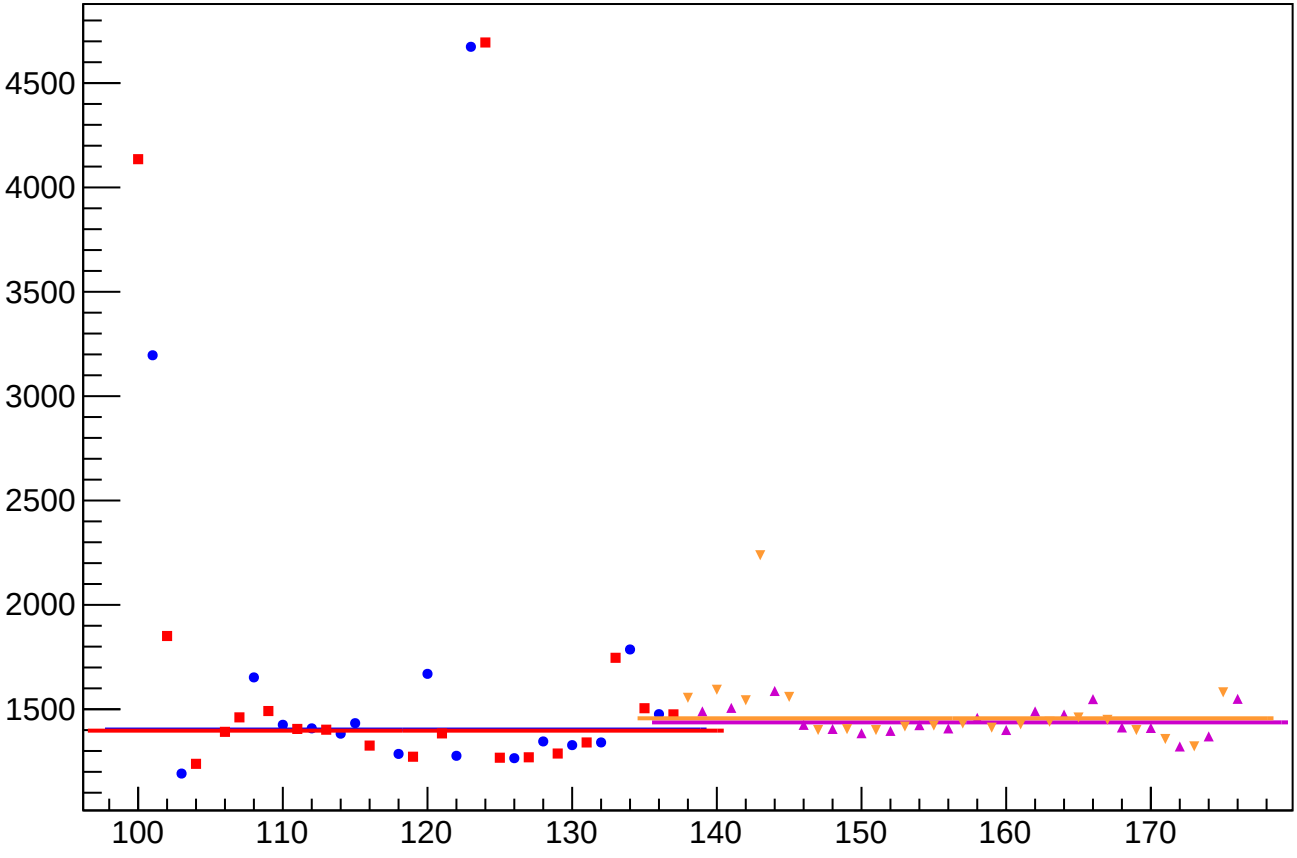
Right: -169.758+/-386.953 χ^2/NDF: 32.4/35

In: -445.503+/-309.890 χ^2/NDF:23.7/35

Out: 283.987+/-309.607 χ^2/NDF:49.8/38

All: -80.425+/-219.025 χ^2/NDF: 76.3/74

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.709+/-0.392 χ^2/NDF: 526326.4/16

Left Out: 1456.574+/-0.267 χ^2/NDF:236585.1/19

Right Out: 1397.442+/-0.382 χ^2/NDF: 353365.4/18

Left In: 1437.059+/-0.264 χ^2/NDF:60599.7/18

Left: 1446.707+/-0.188 χ^2/NDF: 299882.2/38

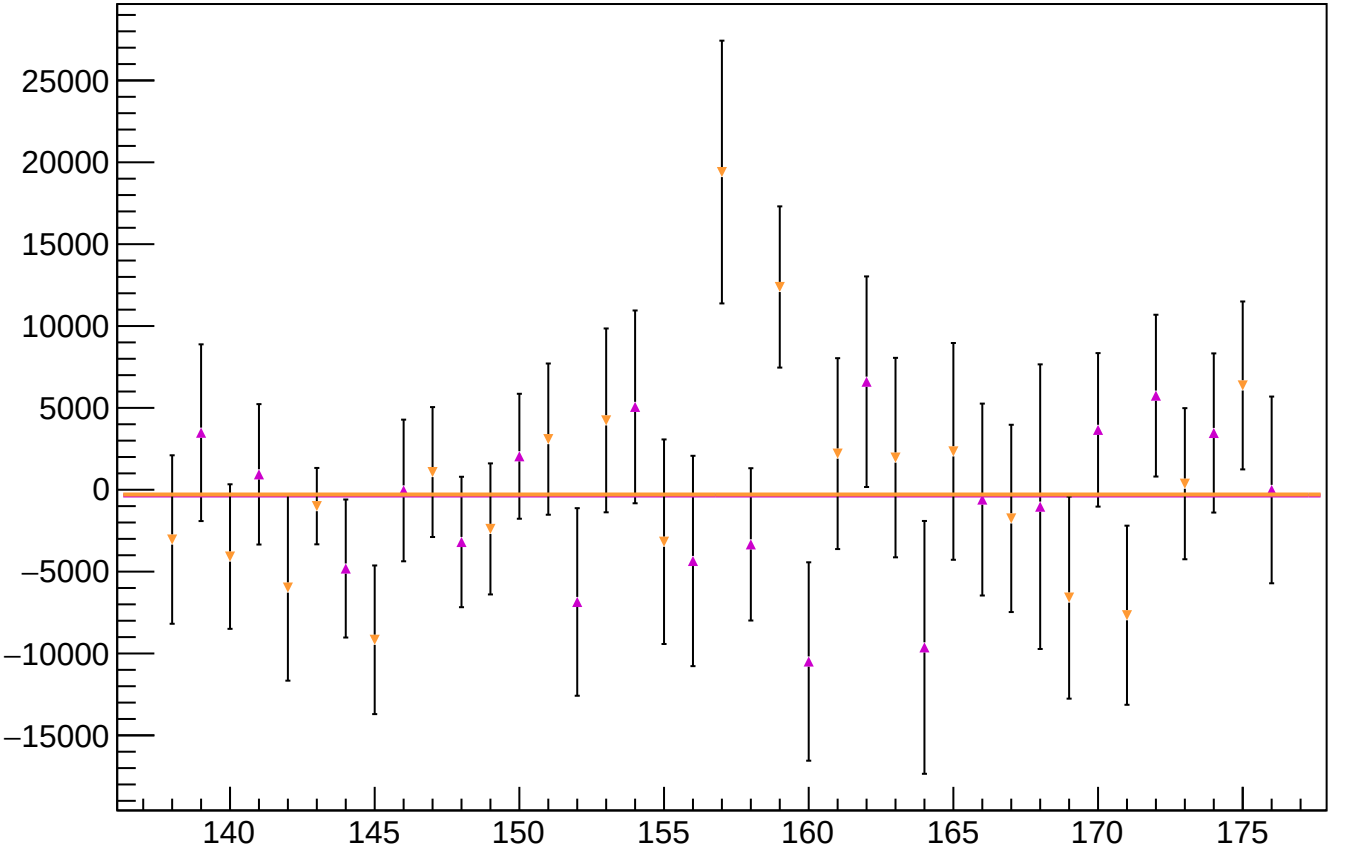
Right: 1400.004+/-0.274 χ^2/NDF: 879784.5/35

In: 1426.336+/-0.219 χ^2/NDF:592202.5/35

Out: 1437.128+/-0.219 χ^2/NDF:606058.4/38

All: 1431.738+/-0.155 χ^2/NDF: 1199475.1/74

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -290.268+/-1057.791 χ^2/NDF:25.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -350.324+/-1170.425 χ^2/NDF:13.9/18

Left: -317.268+/-784.779 χ^2/NDF: 39.3/38

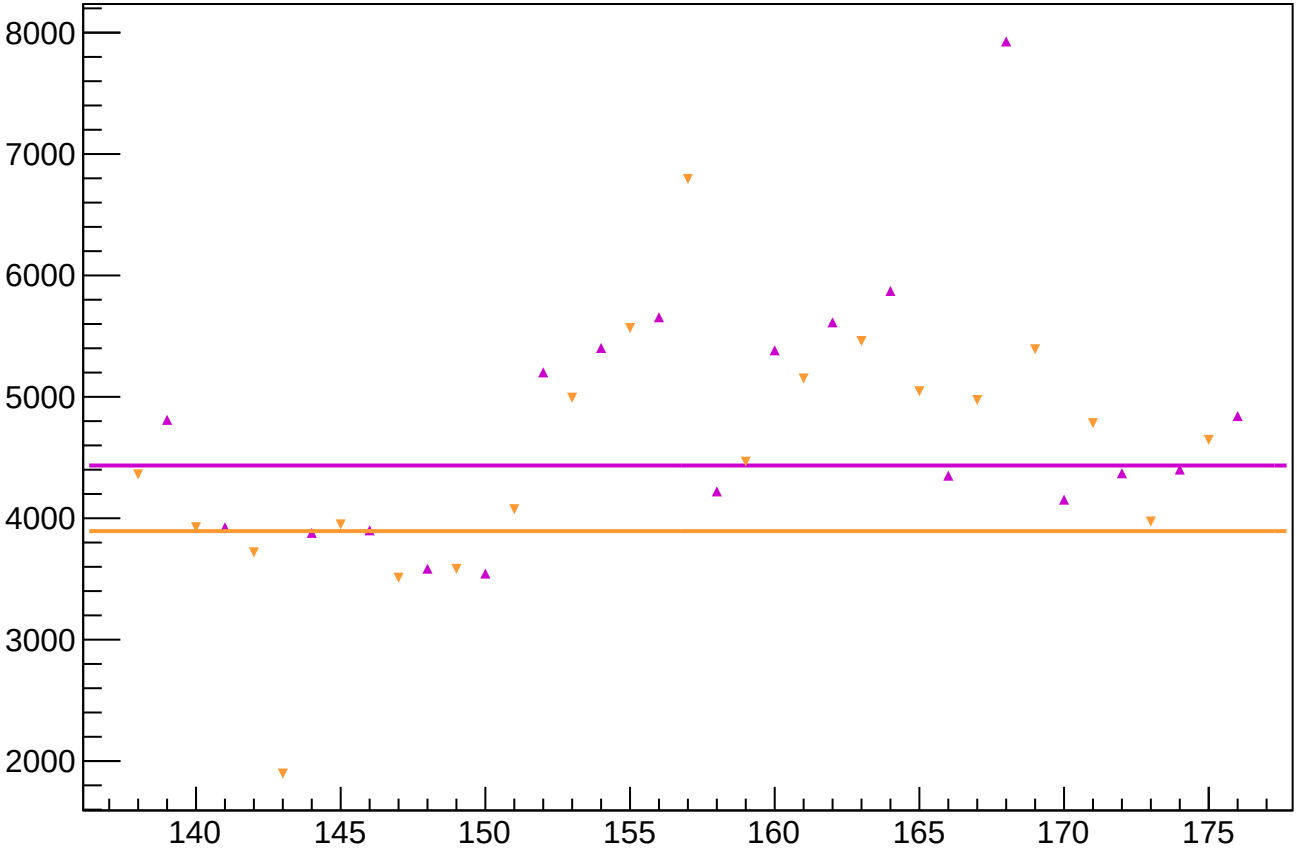
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -350.324+/-1170.425 χ^2/NDF:13.9/18

Out: -290.268+/-1057.791 χ^2/NDF:25.5/19

All: -317.268+/-784.779 χ^2/NDF: 39.3/38

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 3894.189+/-0.748 χ^2/NDF:2598556.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4434.396+/-0.828 χ^2/NDF:996087.1/18

Left: 4137.055+/-0.555 χ^2/NDF: 3829151.4/38

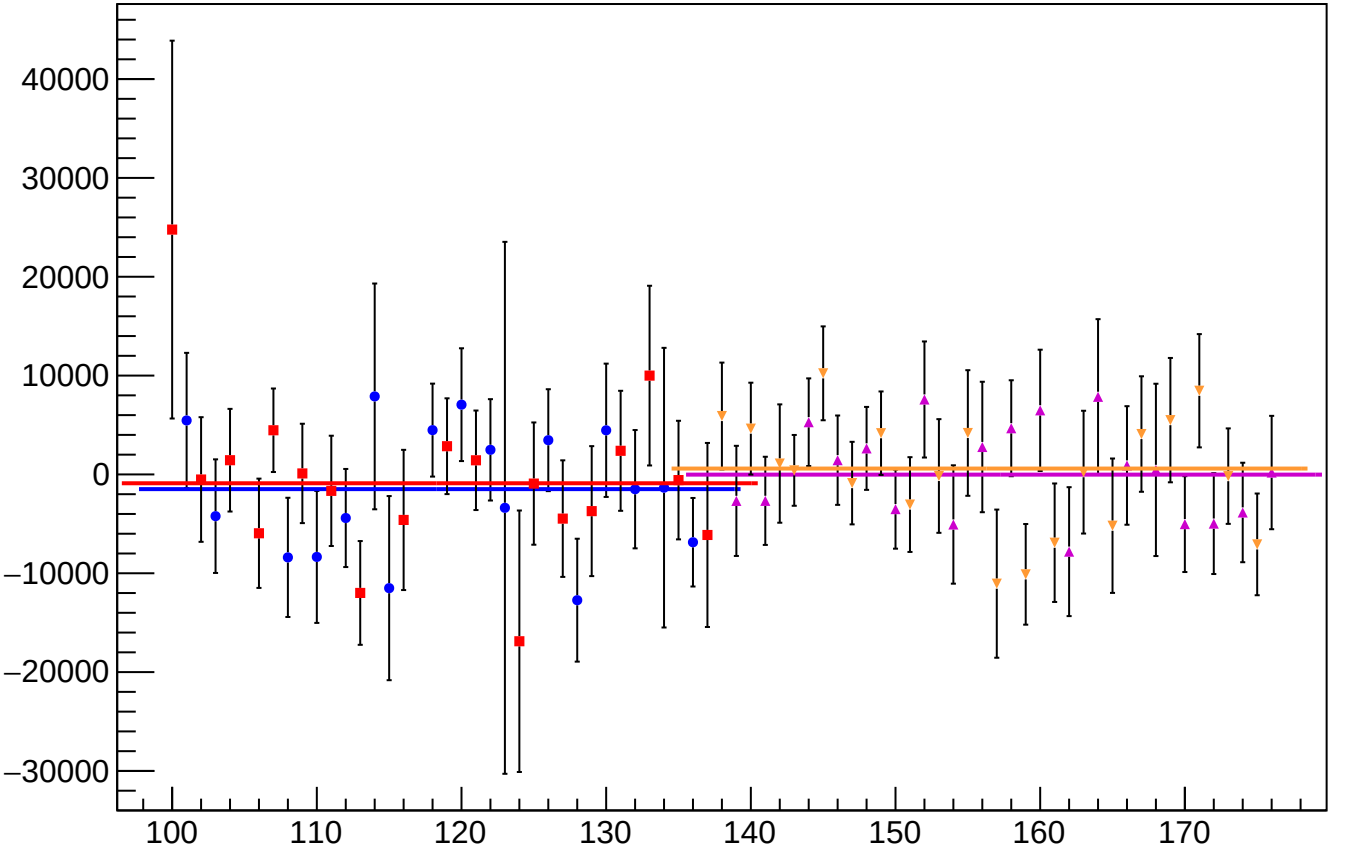
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4434.396+/-0.828 χ^2/NDF:996087.1/18

Out: 3894.189+/-0.748 χ^2/NDF:2598556.6/19

All: 4137.055+/-0.555 χ^2/NDF: 3829151.4/38

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1487.038+/-1499.116 χ^2/NDF: 16.7/16

Left Out: 593.476+/-1162.494 χ^2/NDF:21.8/19

Right Out: -894.160+/-1378.910 χ^2/NDF: 14.1/18

Left In: -20.447+/-1211.024 χ^2/NDF:12.9/18

Left: 299.061+/-838.639 χ^2/NDF: 34.9/38

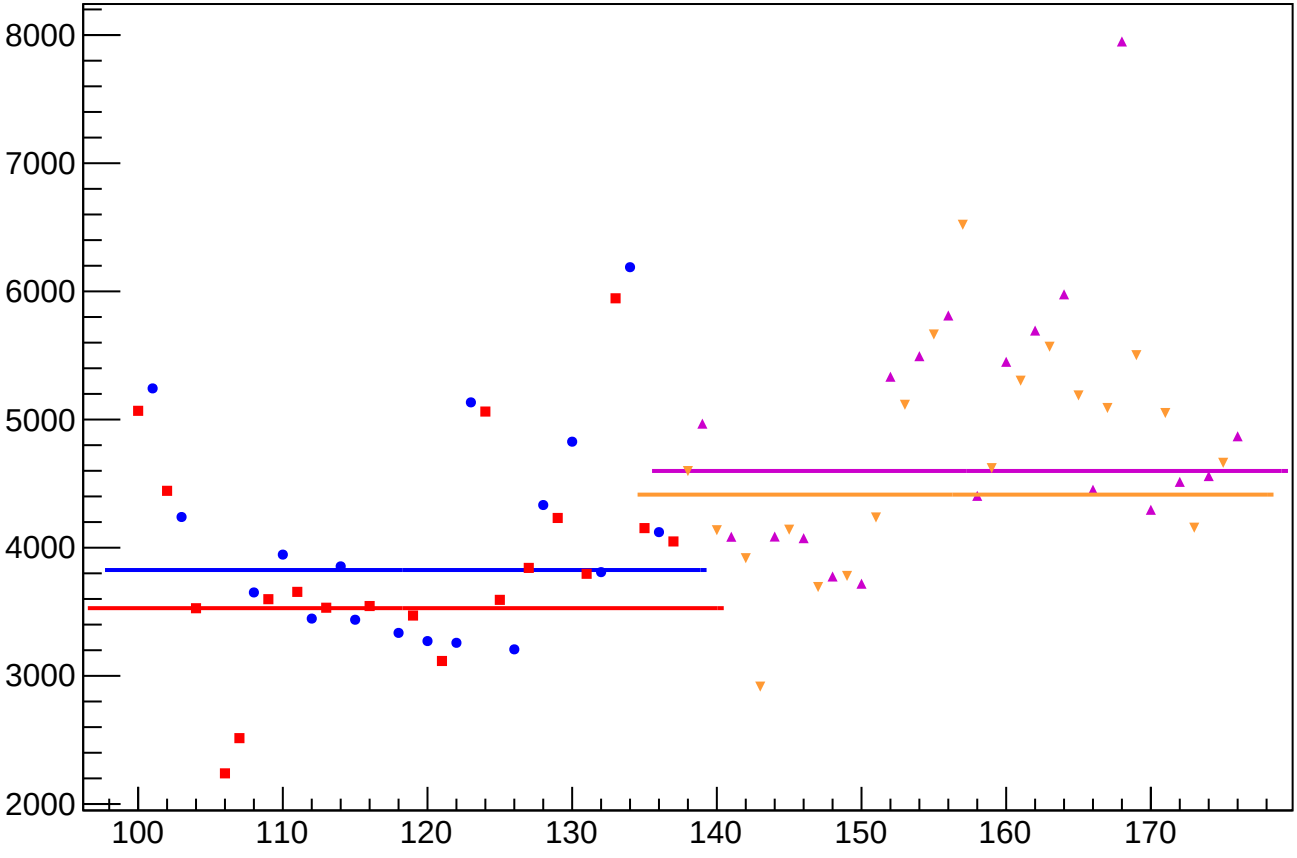
Right: -1165.879+/-1014.876 χ^2/NDF: 30.9/35

In: -599.584+/-942.044 χ^2/NDF:30.2/35

Out: -24.573+/-888.790 χ^2/NDF:36.6/38

All: -295.367+/-646.476 χ^2/NDF: 67.0/74

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3825.844+/-1.060 χ^2/NDF: 334404.3/16

Left Out: 4414.195+/-0.822 χ^2/NDF:1015827.1/19

Right Out: 3528.289+/-0.966 χ^2/NDF: 555414.1/18

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

Left: 4502.710+/-0.593 χ^2/NDF: 1915654.4/38

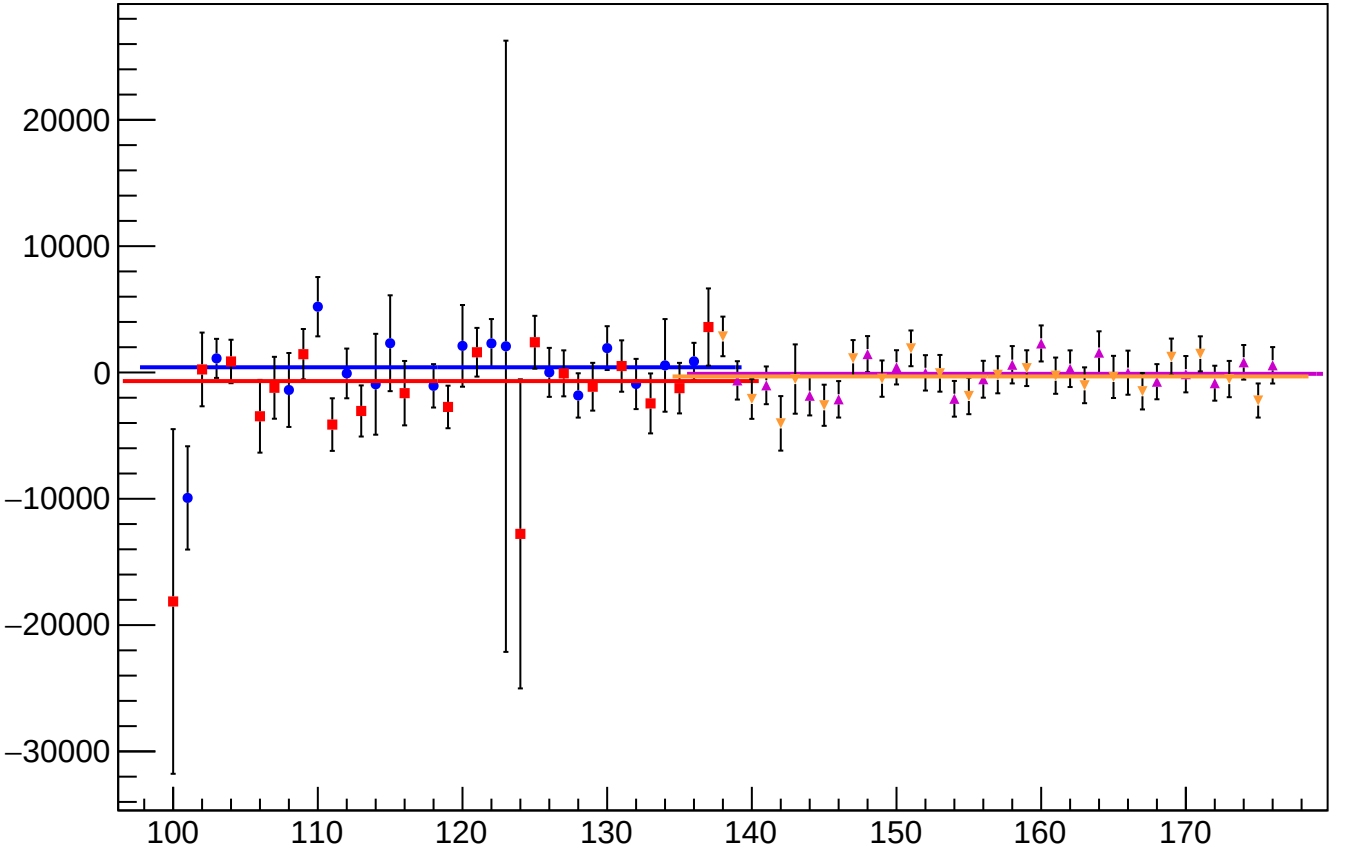
Right: 3663.316+/-0.714 χ^2/NDF: 932858.8/35

In: 4293.543+/-0.666 χ^2/NDF:1531778.8/35

Out: 4042.204+/-0.626 χ^2/NDF:2058958.3/38

All: 4160.092+/-0.456 χ^2/NDF: 3666329.0/74

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 411.419+/-527.980 χ^2/NDF: 16.5/16

Left Out: -313.916+/-337.791 χ^2/NDF:20.9/19

Right Out: -682.176+/-510.196 χ^2/NDF: 18.0/18

Left In: -108.053+/-334.681 χ^2/NDF:12.4/18

Left: -210.032+/-237.747 χ^2/NDF: 33.4/38

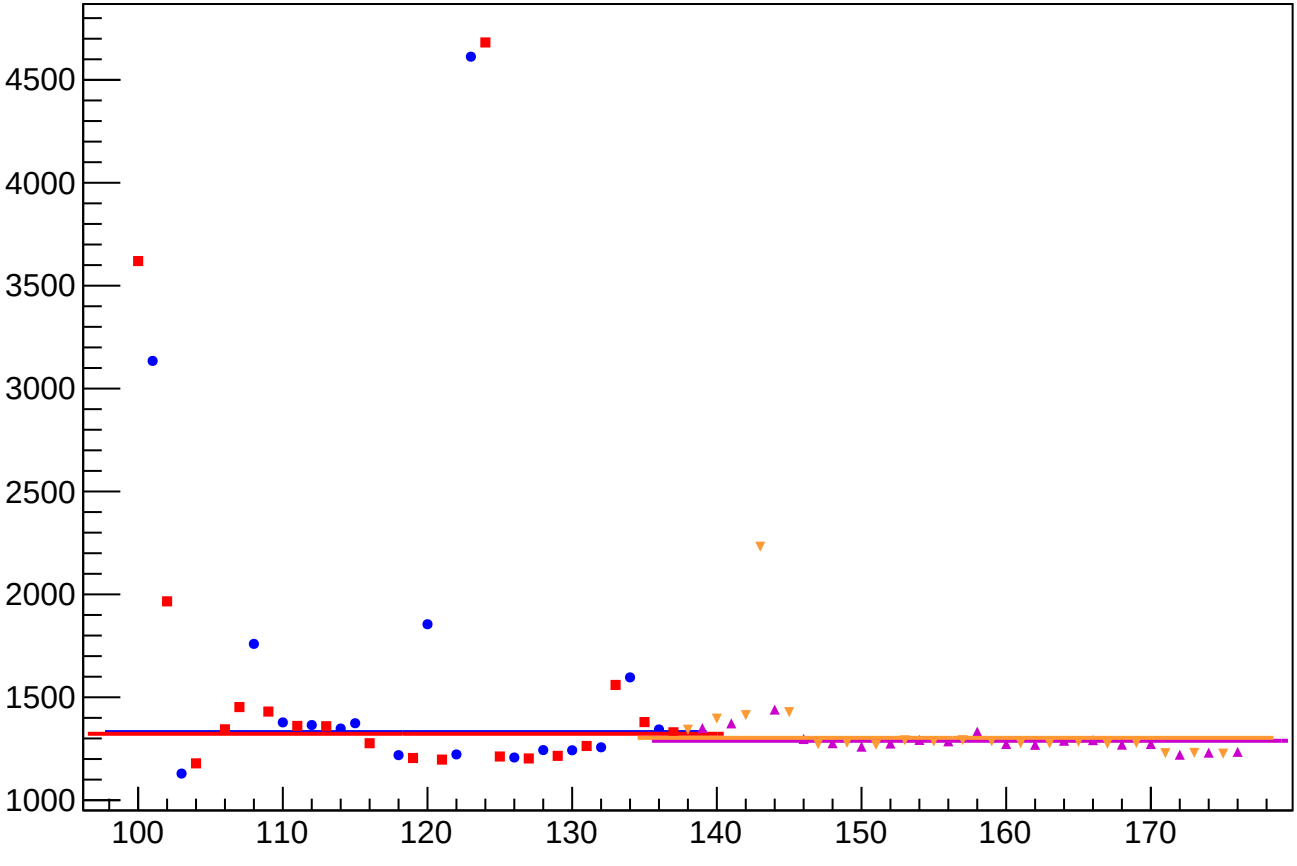
Right: -154.107+/-366.889 χ^2/NDF: 36.8/35

In: 40.848+/-282.674 χ^2/NDF:29.6/35

Out: -426.147+/-281.654 χ^2/NDF:39.3/38

All: -193.493+/-199.519 χ^2/NDF: 70.2/74

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.889+/-0.373 χ^2/NDF: 603474.5/16

Left Out: 1302.914+/-0.239 χ^2/NDF:278281.6/19

Right Out: 1322.706+/-0.361 χ^2/NDF: 394413.6/18

Left In: 1288.655+/-0.237 χ^2/NDF:44041.2/18

Left: 1295.719+/-0.168 χ^2/NDF: 324121.0/38

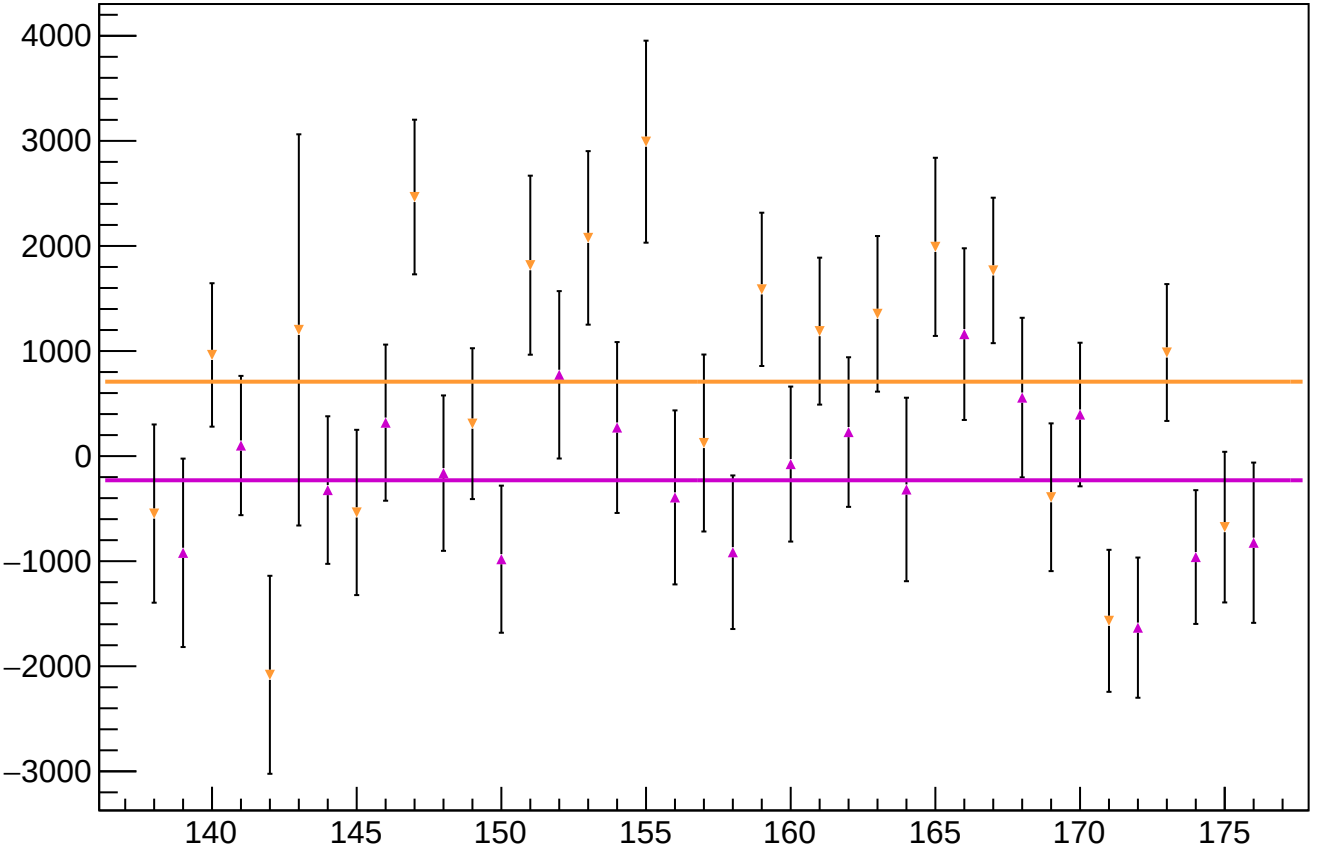
Right: 1326.657+/-0.259 χ^2/NDF: 998136.6/35

In: 1300.761+/-0.200 χ^2/NDF:656644.7/35

Out: 1308.946+/-0.199 χ^2/NDF:674787.7/38

All: 1304.868+/-0.141 χ^2/NDF: 1332273.8/74

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 708.348+/-172.944 χ^2/NDF:55.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -230.043+/-170.061 χ^2/NDF:17.1/18

Left: 231.266+/-121.258 χ^2/NDF: 87.3/38

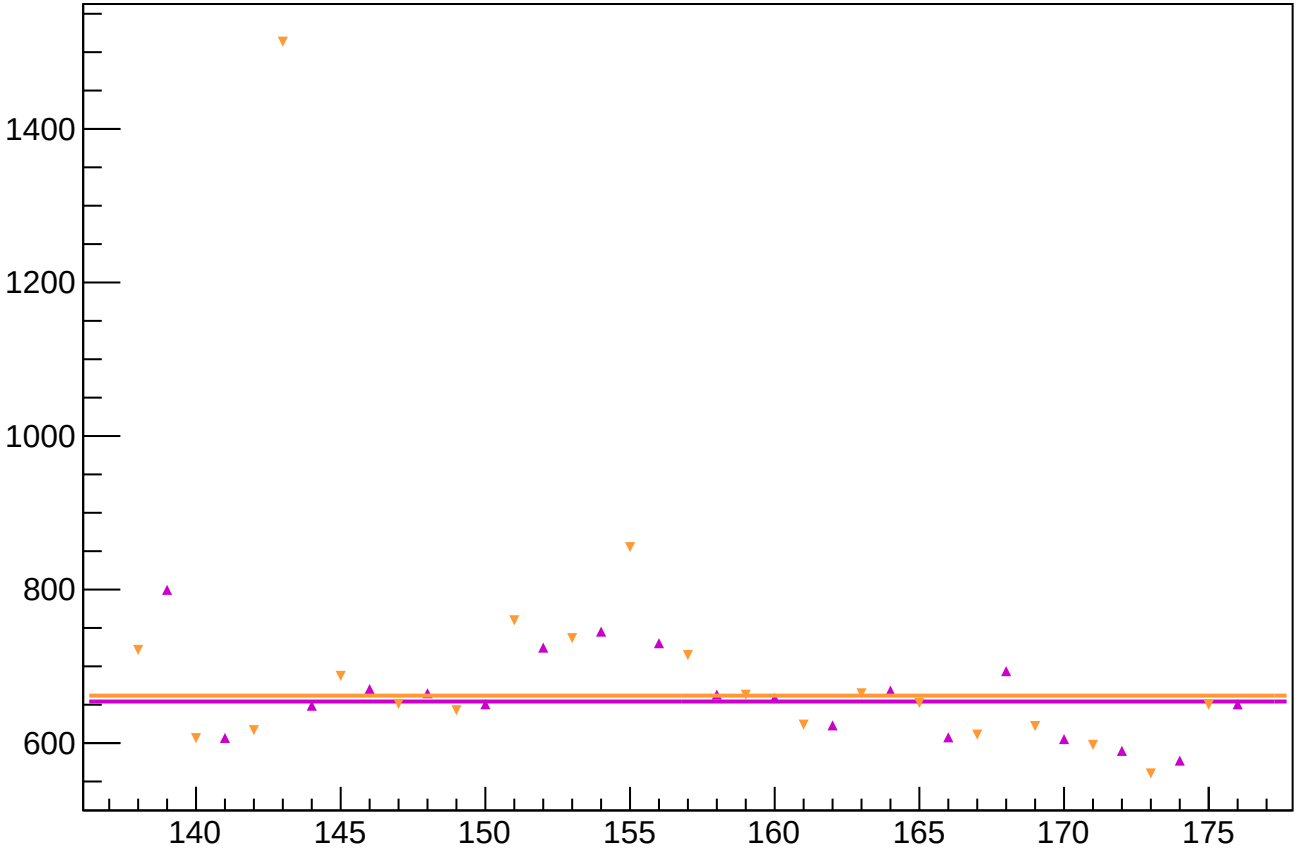
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -230.043+/-170.061 χ^2/NDF:17.1/18

Out: 708.348+/-172.944 χ^2/NDF:55.3/19

All: 231.266+/-121.258 χ^2/NDF: 87.3/38

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 661.858+/-0.122 χ^2/NDF:672406.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 654.153+/-0.120 χ^2/NDF:196627.2/18

Left: 657.941+/-0.086 χ^2/NDF: 871051.7/38

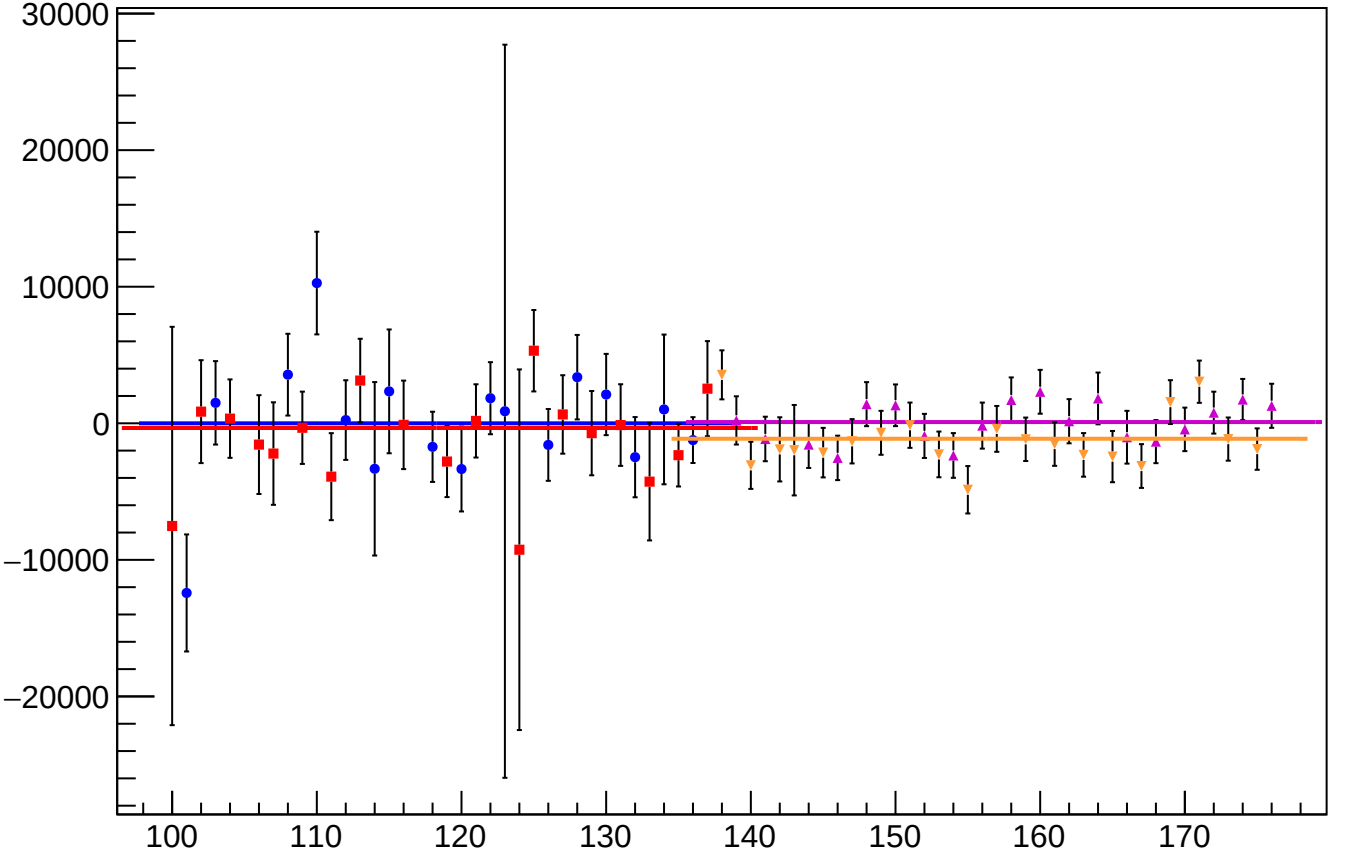
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 654.153+/-0.120 χ^2/NDF:196627.2/18

Out: 661.858+/-0.122 χ^2/NDF:672406.1/19

All: 657.941+/-0.086 χ^2/NDF: 871051.7/38

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -2.204+/-745.061 χ^2/NDF: 23.5/16

Left Out: -1131.327+/-380.945 χ^2/NDF:27.3/19

Right Out: -345.148+/-733.723 χ^2/NDF: 10.7/18

Left In: 91.103+/-376.211 χ^2/NDF:15.0/18

Left: -512.470+/-267.680 χ^2/NDF: 47.5/38

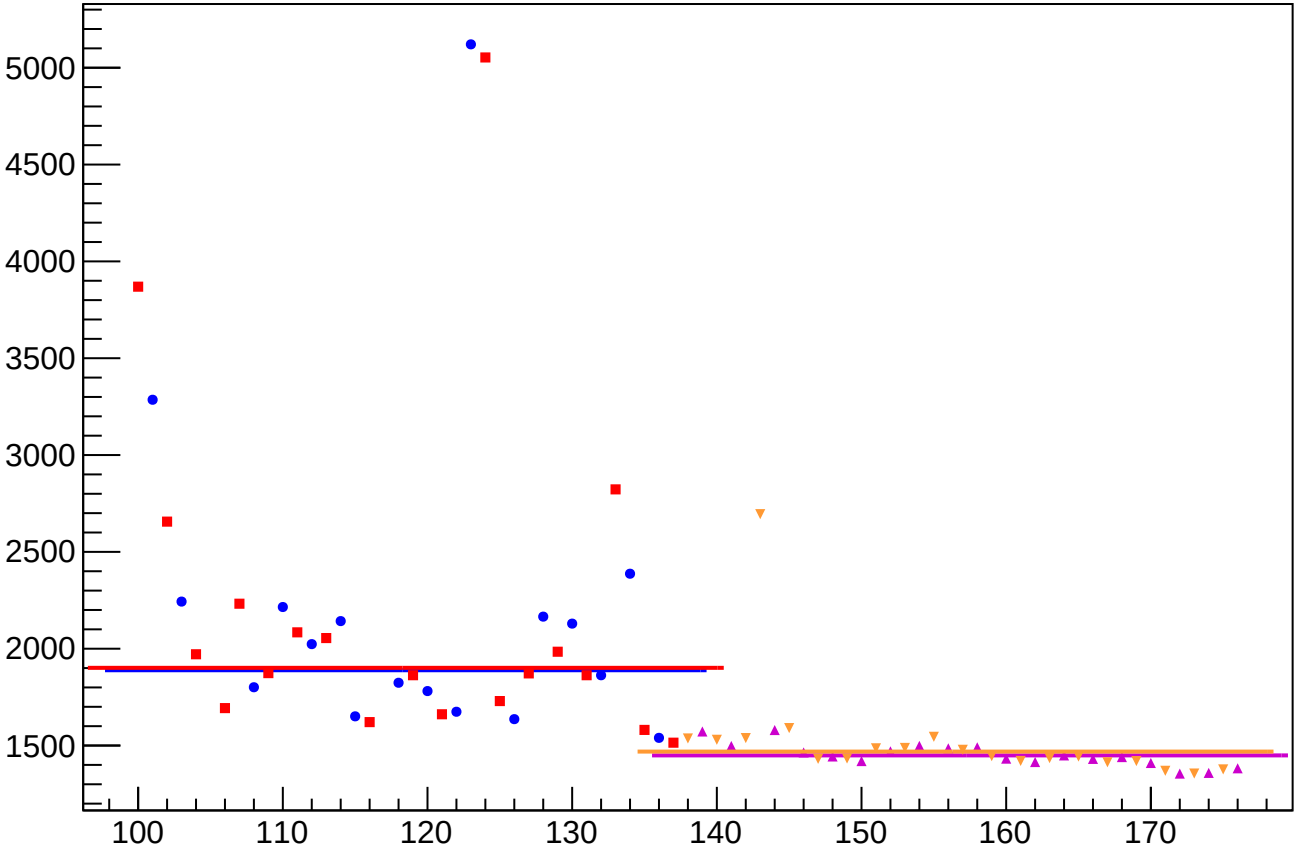
Right: -176.305+/-522.783 χ^2/NDF: 34.3/35

In: 72.146+/-335.827 χ^2/NDF:38.5/35

Out: -964.399+/-338.092 χ^2/NDF:38.9/38

All: -442.643+/-238.263 χ^2/NDF: 82.1/74

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1888.810+/-0.527 χ^2/NDF: 465842.8/16

Left Out: 1468.778+/-0.269 χ^2/NDF:330367.4/19

Right Out: 1901.248+/-0.519 χ^2/NDF: 461424.3/18

Left In: 1449.077+/-0.266 χ^2/NDF:49222.1/18

Left: 1458.804+/-0.189 χ^2/NDF: 382297.6/38

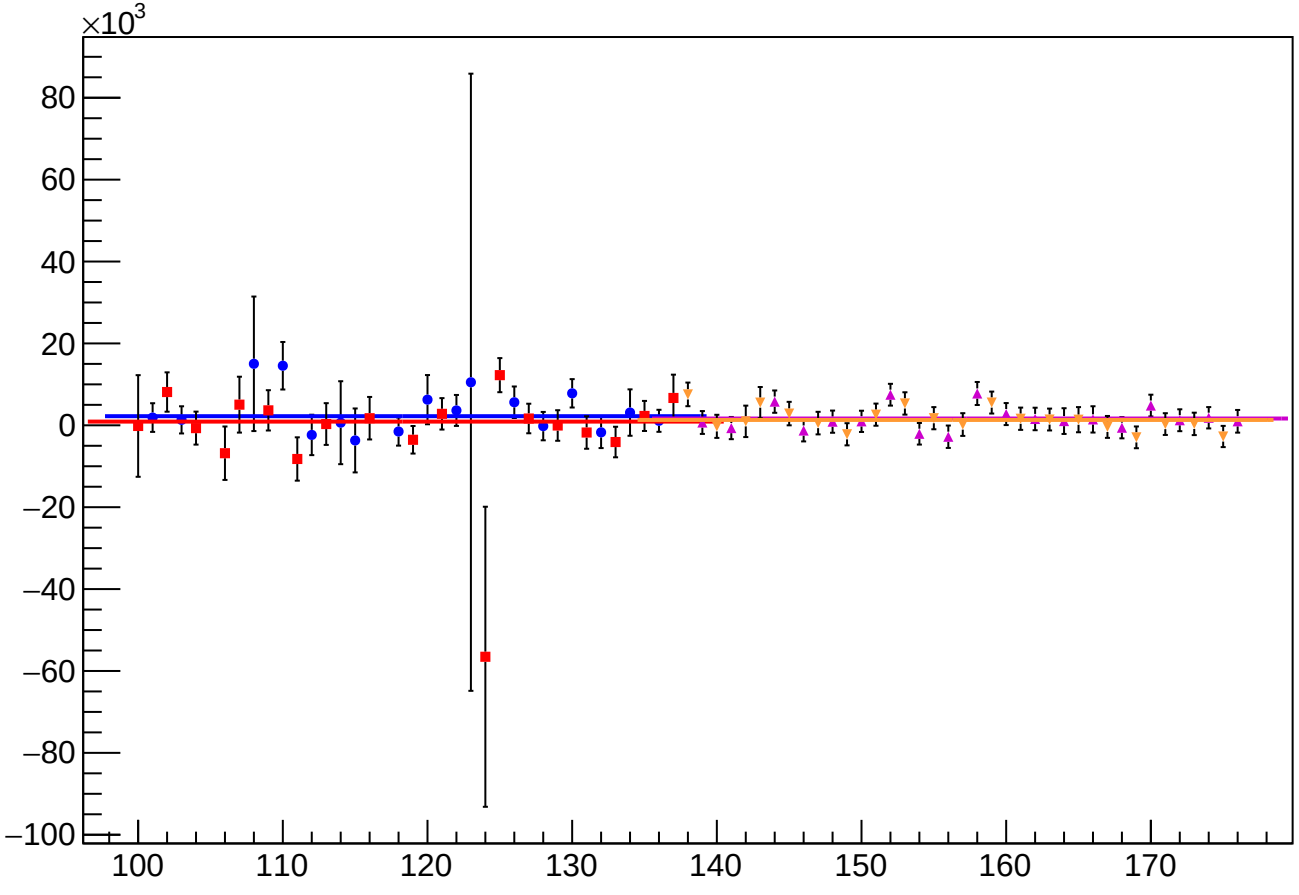
Right: 1895.125+/-0.370 χ^2/NDF: 927550.0/35

In: 1538.416+/-0.237 χ^2/NDF:1070200.1/35

Out: 1560.605+/-0.239 χ^2/NDF:1339101.8/38

All: 1549.436+/-0.168 χ^2/NDF: 2413638.4/74

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2227.517+/-1039.288 χ^2/NDF: 13.6/16

Left Out: 1310.619+/-627.925 χ^2/NDF:19.1/19

Right Out: 907.837+/-1046.878 χ^2/NDF: 22.9/18

Left In: 1659.000+/-626.588 χ^2/NDF:21.1/18

Left: 1485.181+/-443.537 χ^2/NDF: 40.3/38

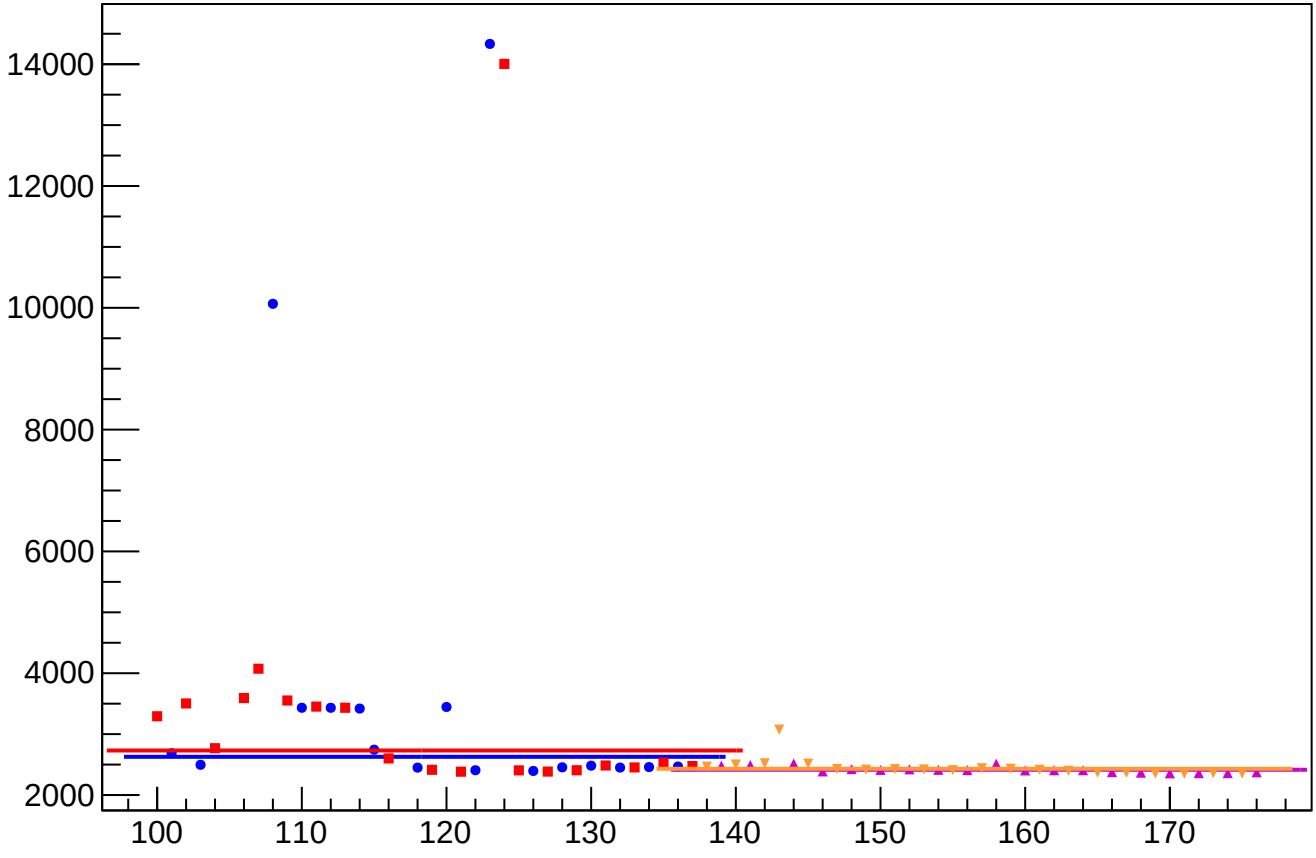
Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 1810.560+/-536.607 χ^2/NDF:34.9/35

Out: 1204.051+/-538.487 χ^2/NDF:42.1/38

All: 1508.366+/-380.101 χ^2/NDF: 77.6/74

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2627.570+/-0.735 χ^2/NDF: 644396.7/16

Left Out: 2431.404+/-0.444 χ^2/NDF:70419.6/19

Right Out: 2731.271+/-0.740 χ^2/NDF: 598207.5/18

Left In: 2414.880+/-0.443 χ^2/NDF:12619.4/18

Left: 2423.124+/-0.314 χ^2/NDF: 83733.0/38

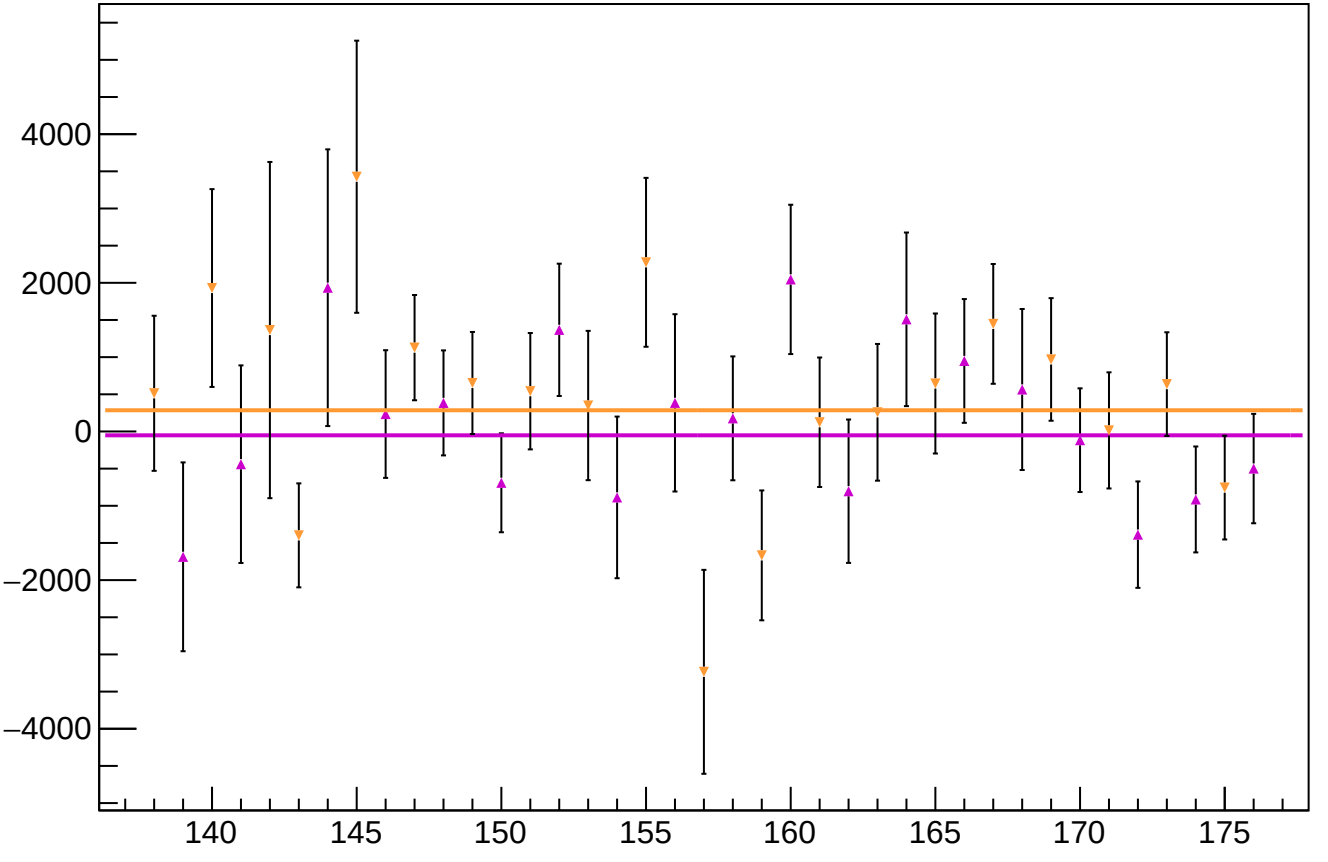
Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2471.580+/-0.379 χ^2/NDF:718449.0/35

Out: 2510.743+/-0.381 χ^2/NDF:789305.5/38

All: 2491.093+/-0.269 χ^2/NDF: 1513062.2/74

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 285.291+/-197.042 χ^2/NDF:32.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -51.906+/-203.041 χ^2/NDF:21.5/18

Left: 121.748+/-141.403 χ^2/NDF: 55.4/38

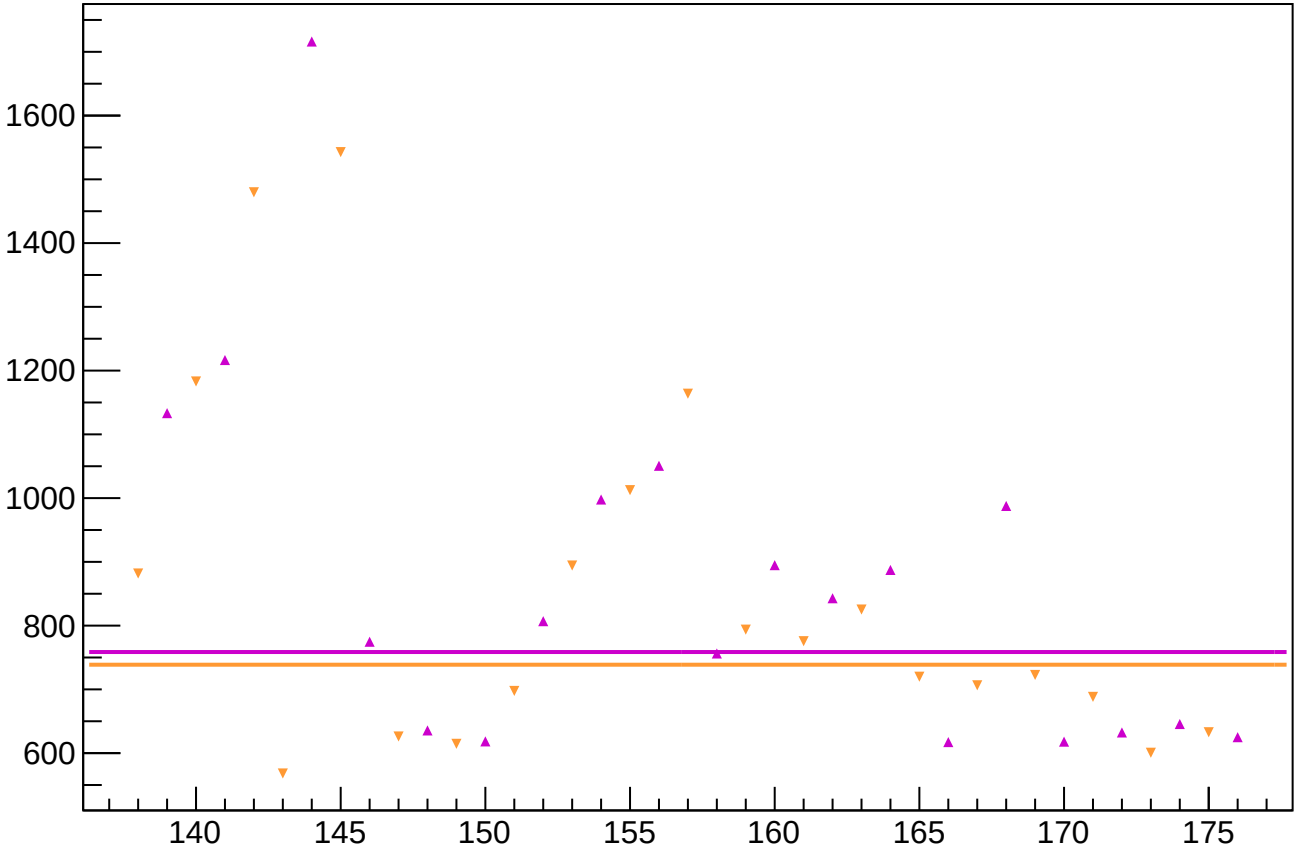
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -51.906+/-203.041 χ^2/NDF:21.5/18

Out: 285.291+/-197.042 χ^2/NDF:32.5/19

All: 121.748+/-141.403 χ^2/NDF: 55.4/38

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 738.692+/-0.139 χ^2/NDF:1624162.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 758.583+/-0.144 χ^2/NDF:1796112.5/18

Left: 748.340+/-0.100 χ^2/NDF: 3430160.6/38

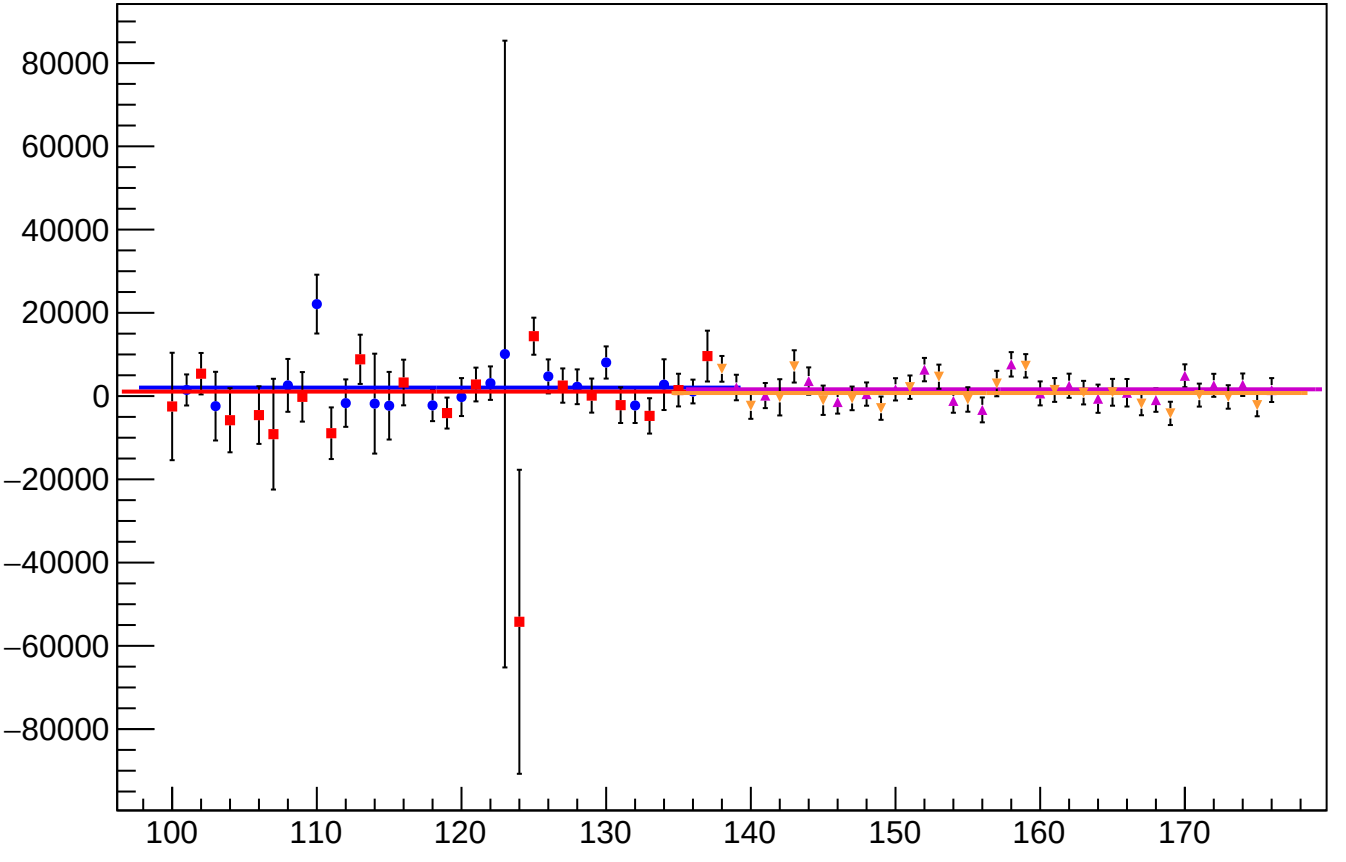
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 758.583+/-0.144 χ^2/NDF:1796112.5/18

Out: 738.692+/-0.139 χ^2/NDF:1624162.8/19

All: 748.340+/-0.100 χ^2/NDF: 3430160.6/38

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2037.803+/-1151.419 χ^2/NDF: 14.8/16

Left Out: 737.344+/-666.922 χ^2/NDF:23.0/19

Right Out: 1080.125+/-1186.666 χ^2/NDF: 25.3/18

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

Left: 1183.554+/-471.549 χ^2/NDF: 39.9/38

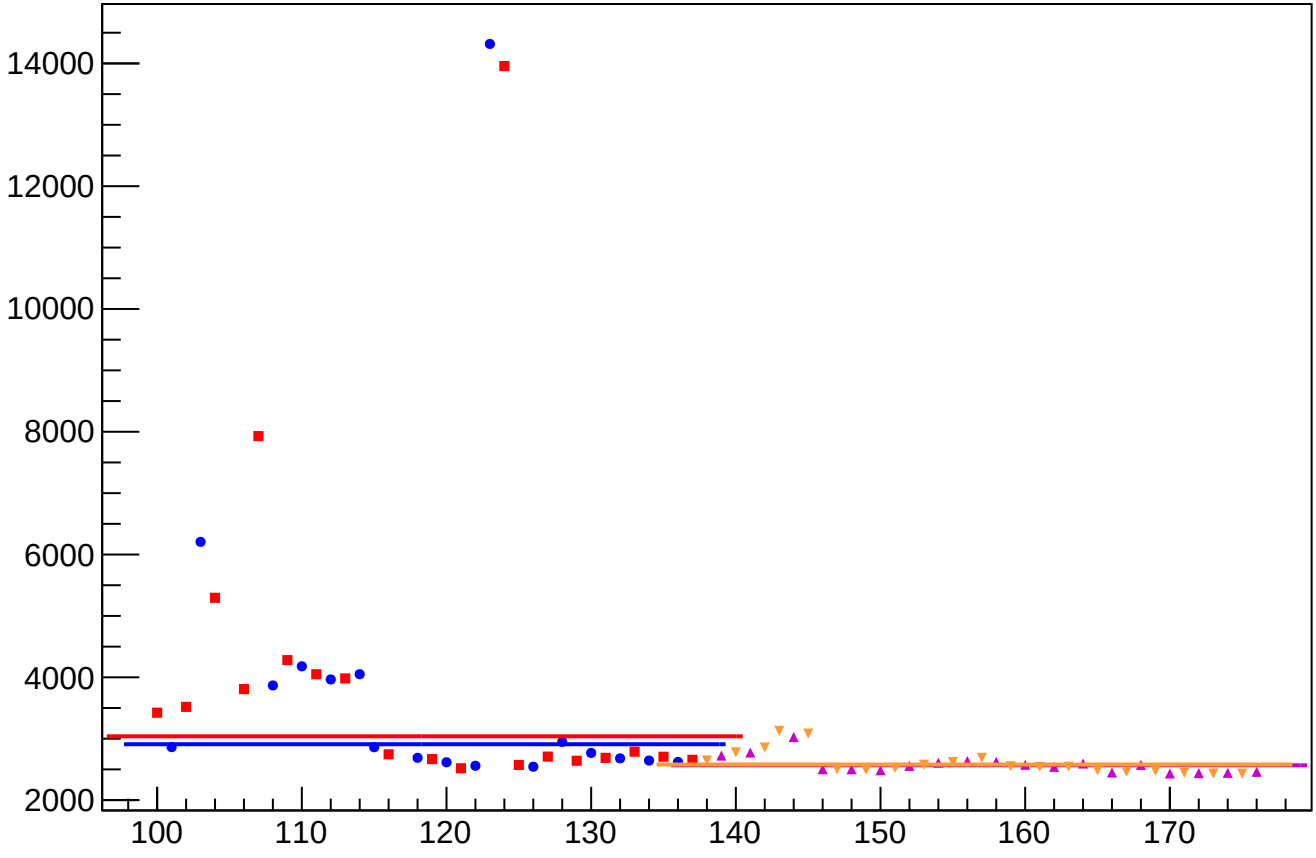
Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1732.146+/-577.039 χ^2/NDF:30.9/35

Out: 819.625+/-581.393 χ^2/NDF:48.4/38

All: 1279.315+/-409.559 χ^2/NDF: 80.5/74

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732+/-0.814 χ^2/NDF: 641894.7/16

Left Out: 2579.497+/-0.472 χ^2/NDF:130053.2/19

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

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

Left: 2573.164+/-0.333 χ^2/NDF: 209509.0/38

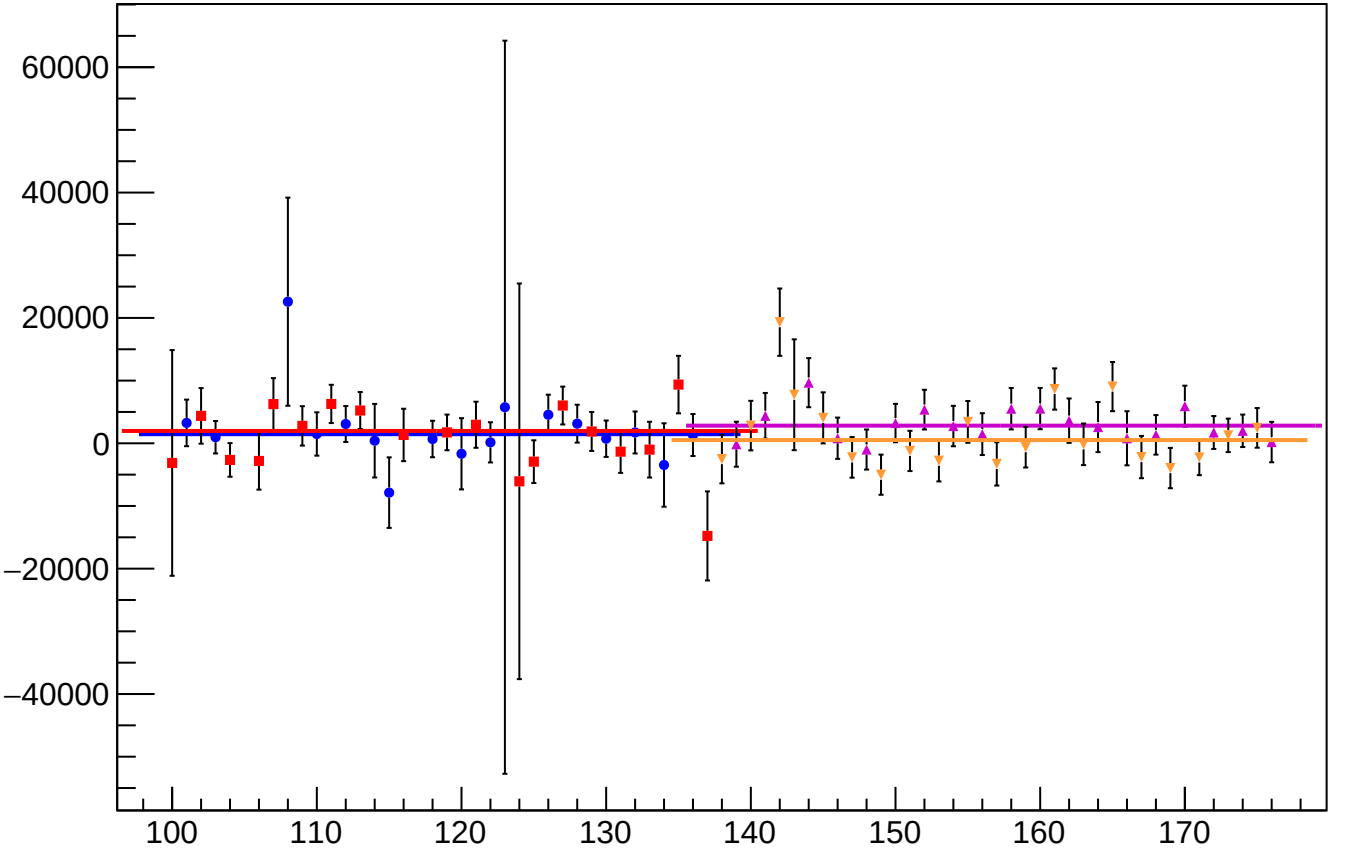
Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2652.954+/-0.408 χ^2/NDF:853817.7/35

Out: 2689.824+/-0.411 χ^2/NDF:1369374.5/38

All: 2671.251+/-0.290 χ^2/NDF: 2227244.2/74

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 510.990+/-769.878 χ^2/NDF:36.6/19

Right Out: 1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: 2814.143+/-752.756 χ^2/NDF:10.2/18

Left: 1688.461+/-538.230 χ^2/NDF: 51.4/38

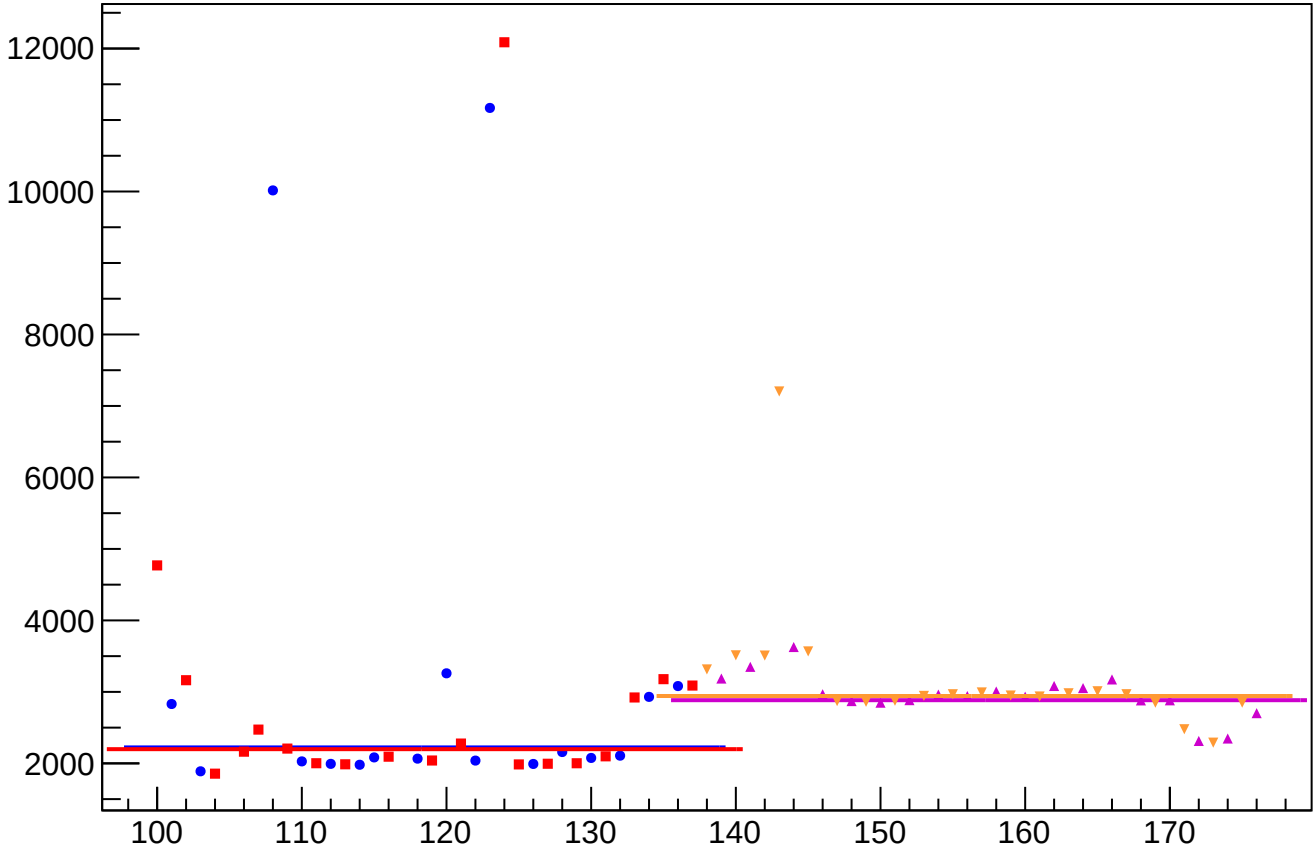
Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 2245.335+/-574.479 χ^2/NDF:19.0/35

Out: 1167.720+/-570.763 χ^2/NDF:60.6/38

All: 1703.031+/-404.898 χ^2/NDF: 81.4/74

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 2942.408+/-0.544 χ^2/NDF:775647.8/19

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 2883.804+/-0.532 χ^2/NDF:331030.0/18

Left: 2912.447+/-0.381 χ^2/NDF: 1112602.8/38

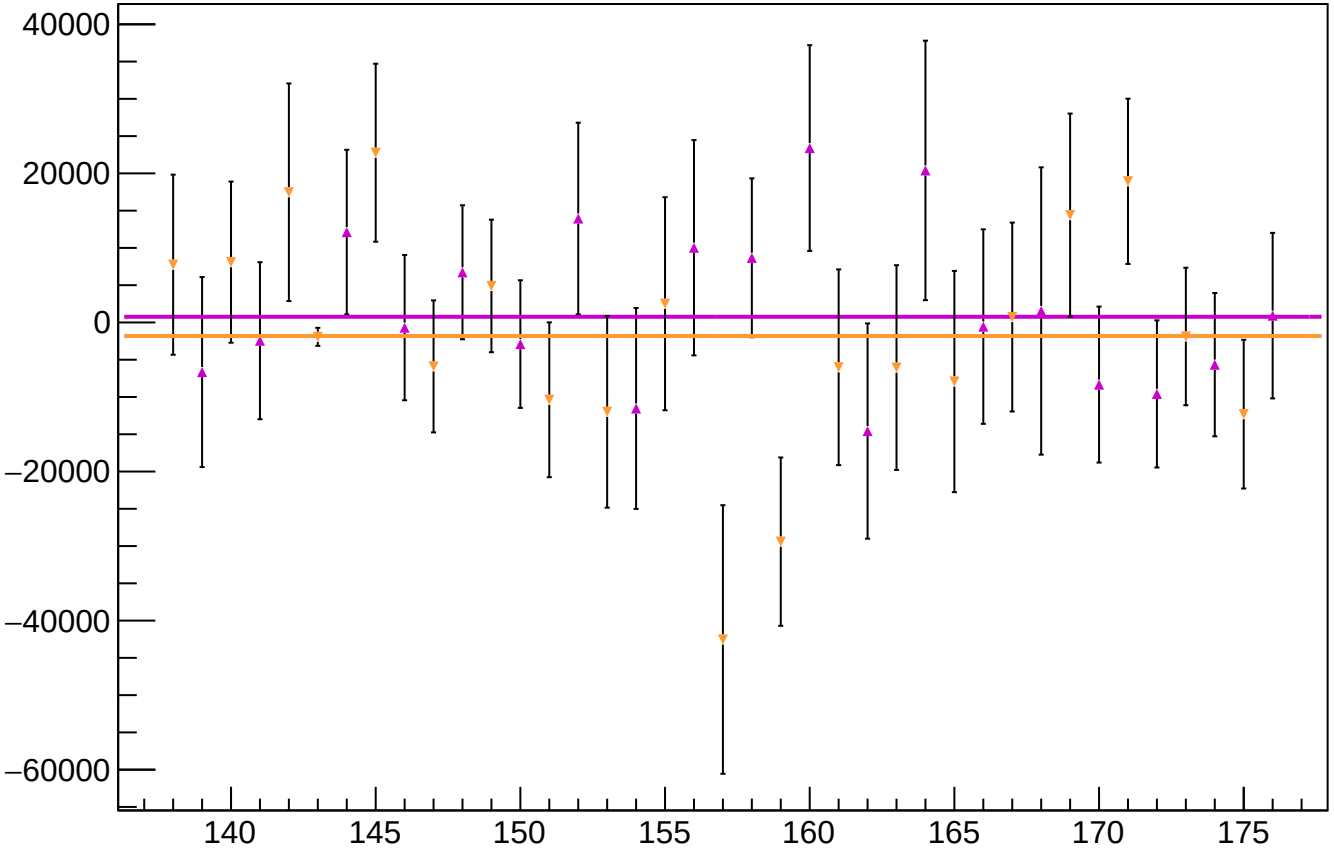
Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2607.922+/-0.406 χ^2/NDF:1824642.7/35

Out: 2607.222+/-0.403 χ^2/NDF:2219152.4/38

All: 2607.570+/-0.286 χ^2/NDF: 4043796.6/74

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1820.266+/-1100.713 χ^2/NDF:27.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 762.336+/-2623.357 χ^2/NDF:12.4/18

Left: -1433.662+/-1014.990 χ^2/NDF: 40.4/38

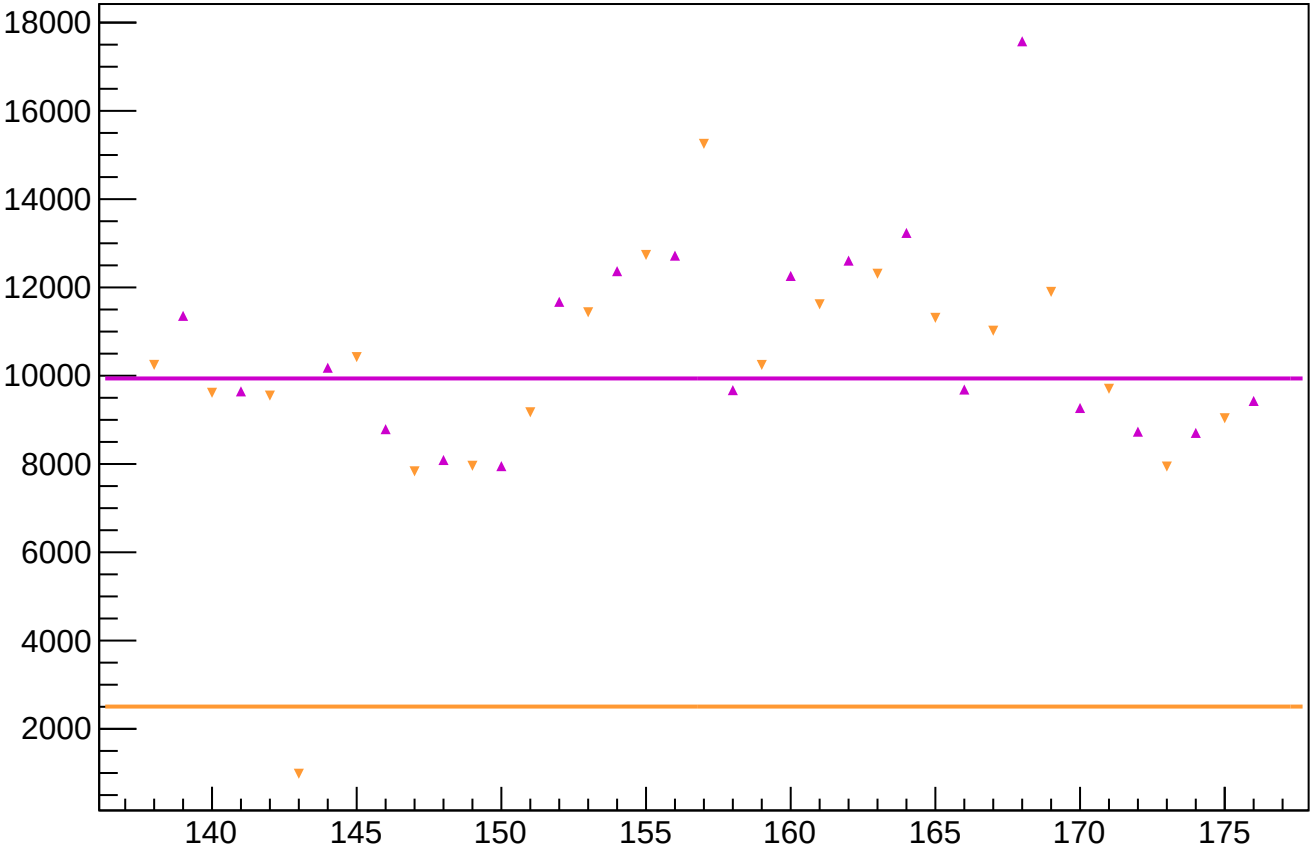
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 762.336+/-2623.357 χ^2/NDF:12.4/18

Out: -1820.266+/-1100.713 χ^2/NDF:27.1/19

All: -1433.662+/-1014.990 χ^2/NDF: 40.4/38

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2504.868+/-0.778 χ^2/NDF:19370038.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 9938.037+/-1.855 χ^2/NDF:1010931.7/18

Left: 3617.579+/-0.718 χ^2/NDF: 34034278.0/38

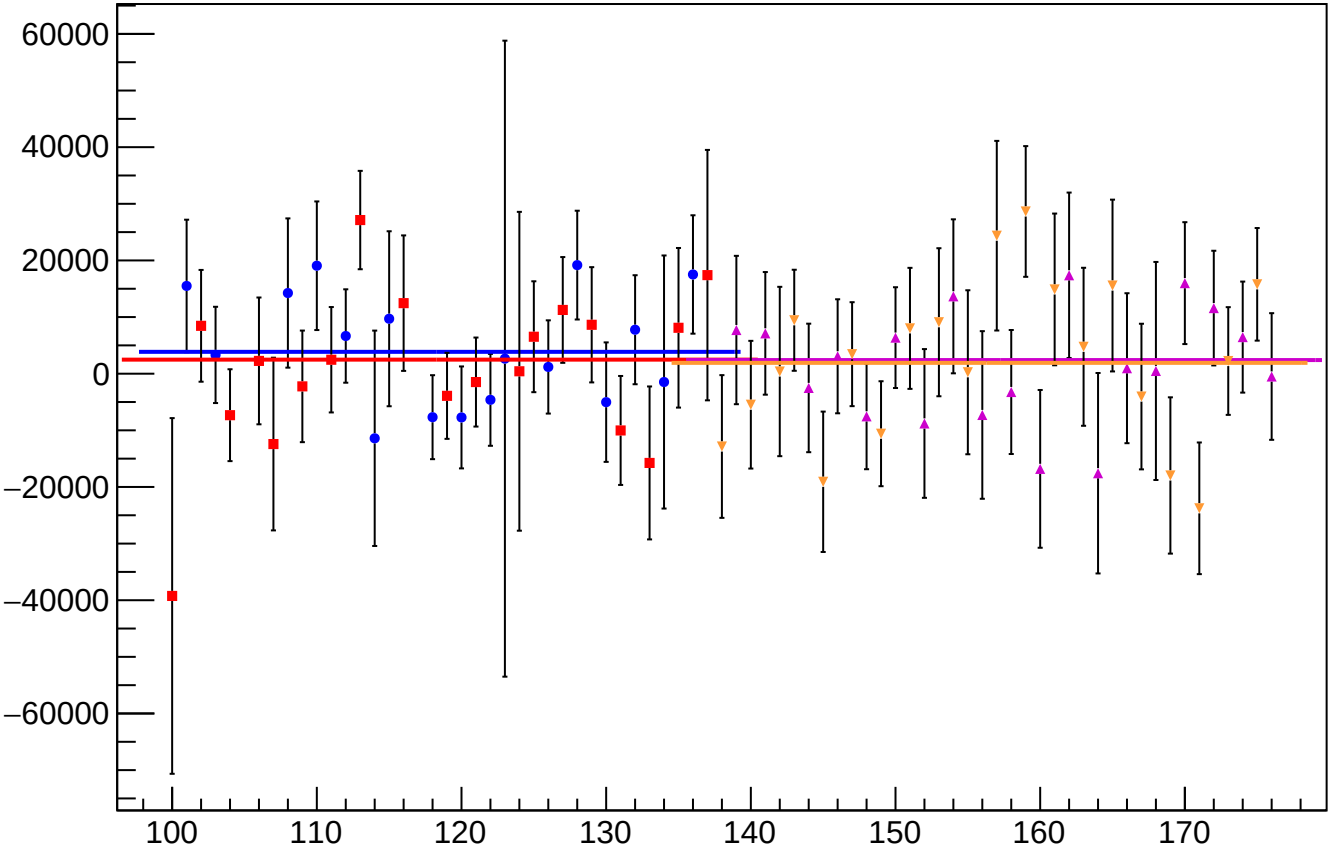
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9938.037+/-1.855 χ^2/NDF:1010931.7/18

Out: 2504.868+/-0.778 χ^2/NDF:19370038.4/19

All: 3617.579+/-0.718 χ^2/NDF: 34034278.0/3

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: 1914.776+/-2611.580 χ^2/NDF:26.0/19

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: 2407.697+/-2687.685 χ^2/NDF:10.9/18

Left: 2154.159+/-1872.994 χ^2/NDF: 36.9/38

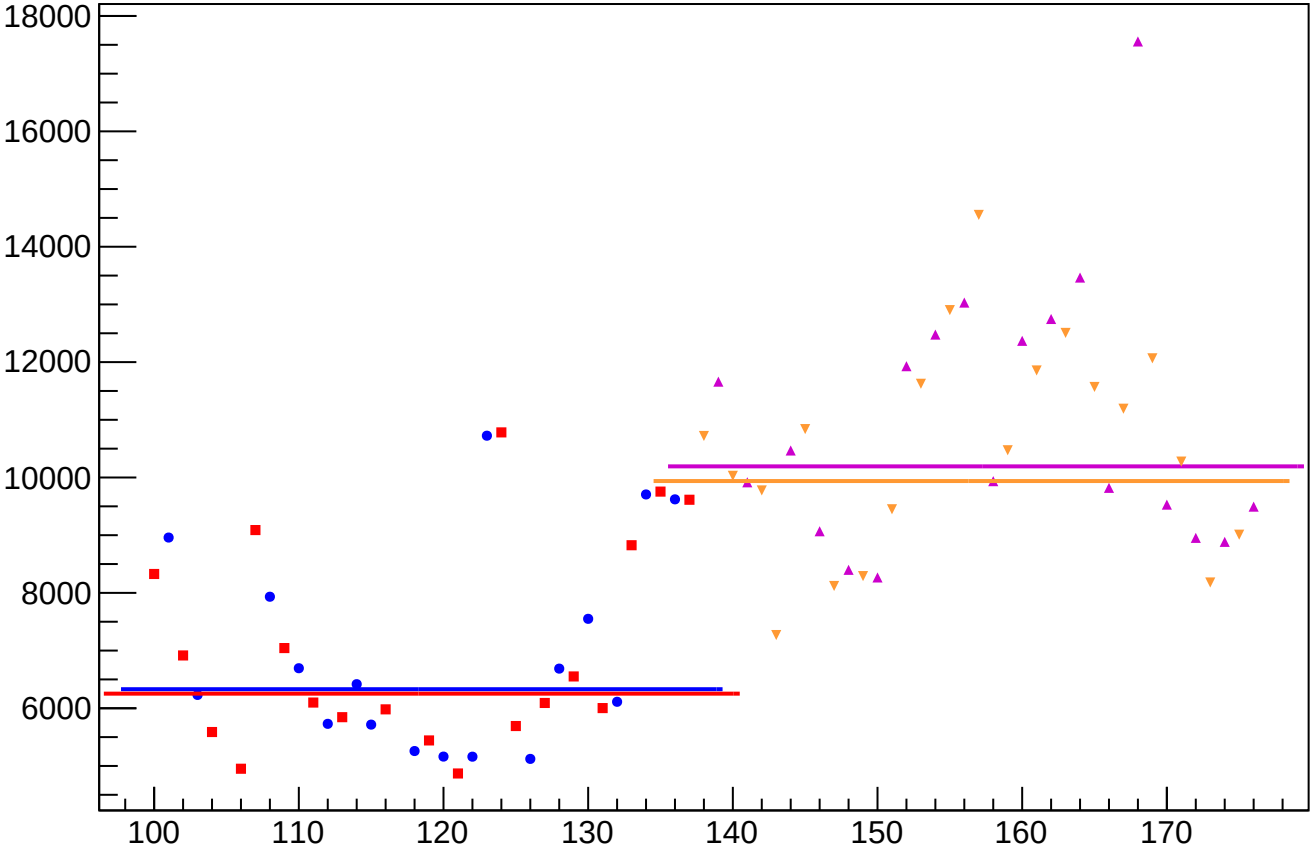
Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 3183.717+/-1833.965 χ^2/NDF:25.8/35

Out: 2220.299+/-1775.583 χ^2/NDF:46.0/38

All: 2686.430+/-1275.667 χ^2/NDF: 72.0/74

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 9938.546+/-1.847 χ^2/NDF:902687.8/19

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

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

Left: 10062.108+/-1.324 χ^2/NDF: 1851707.5/38

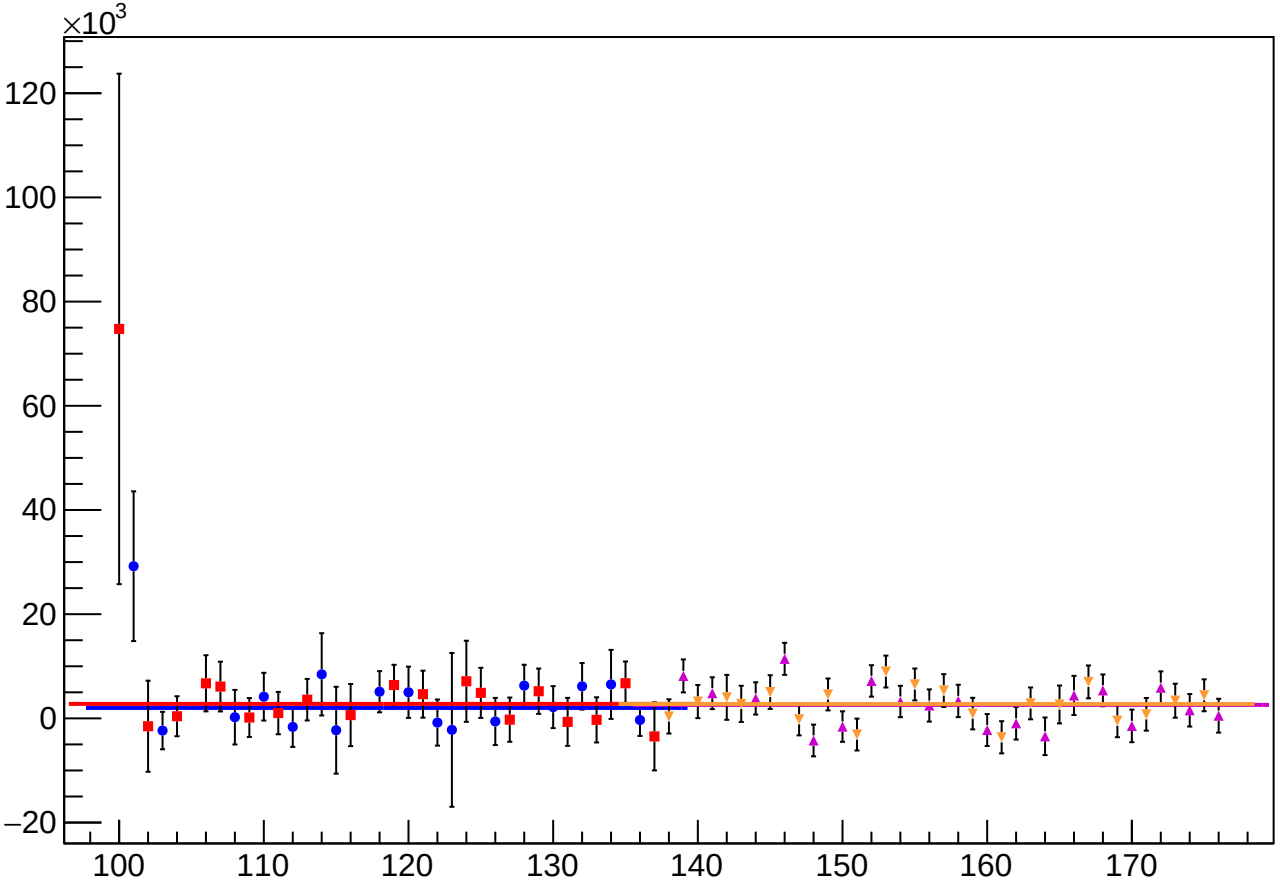
Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 8128.799+/-1.297 χ^2/NDF:3740742.0/35

Out: 7956.732+/-1.255 χ^2/NDF:3579696.7/38

All: 8039.981+/-0.902 χ^2/NDF: 7329526.3/74

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 2750.343+/-715.229 χ^2/NDF:20.6/19

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 2583.914+/-718.830 χ^2/NDF:32.4/18

Left: 2667.547+/-507.012 χ^2/NDF: 53.0/38

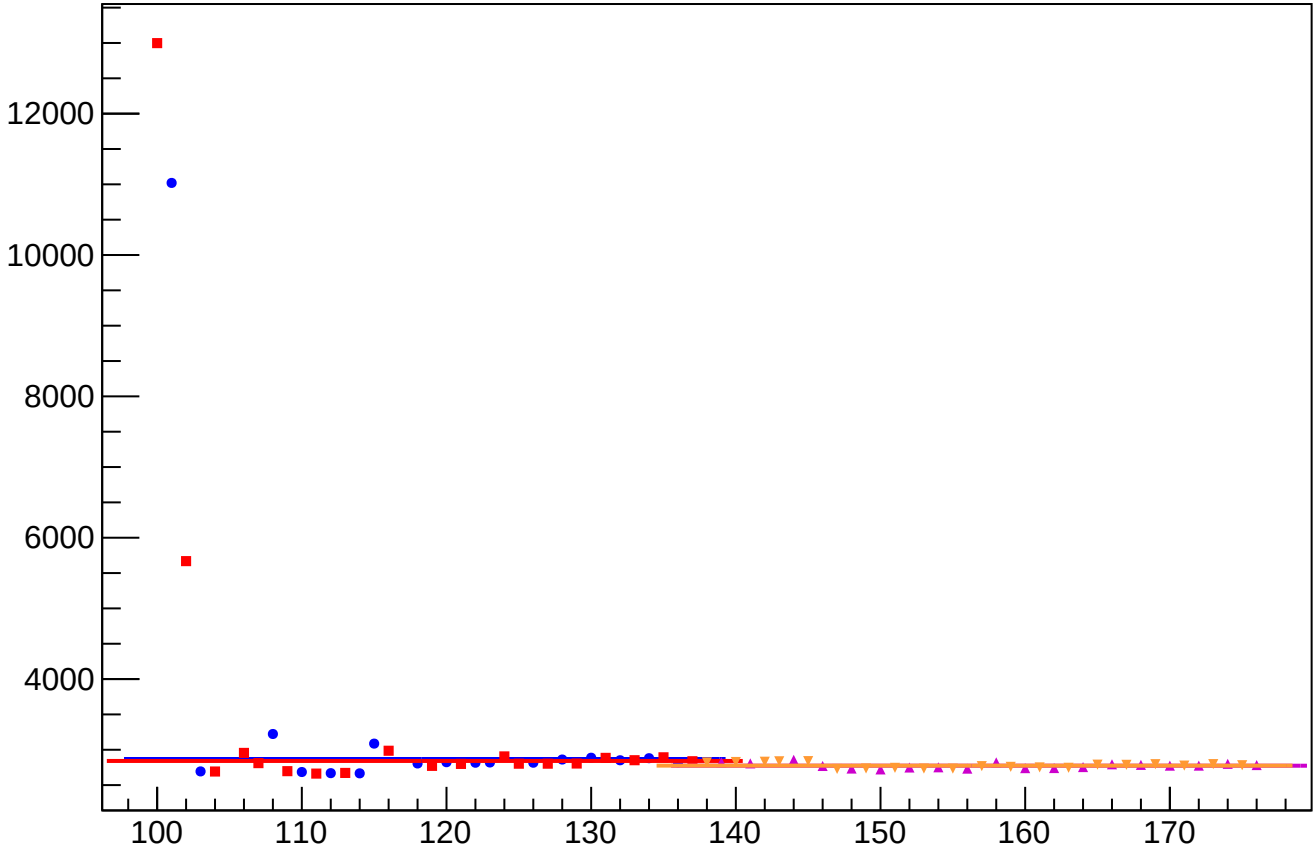
Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 2418.134+/-607.166 χ^2/NDF:44.7/35

Out: 2759.618+/-597.351 χ^2/NDF:30.5/38

All: 2591.658+/-425.819 χ^2/NDF: 75.3/74

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2775.541+/-0.506 χ^2/NDF:5030.5/19

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2774.188+/-0.508 χ^2/NDF:5000.0/18

Left: 2774.868+/-0.359 χ^2/NDF: 10034.1/38

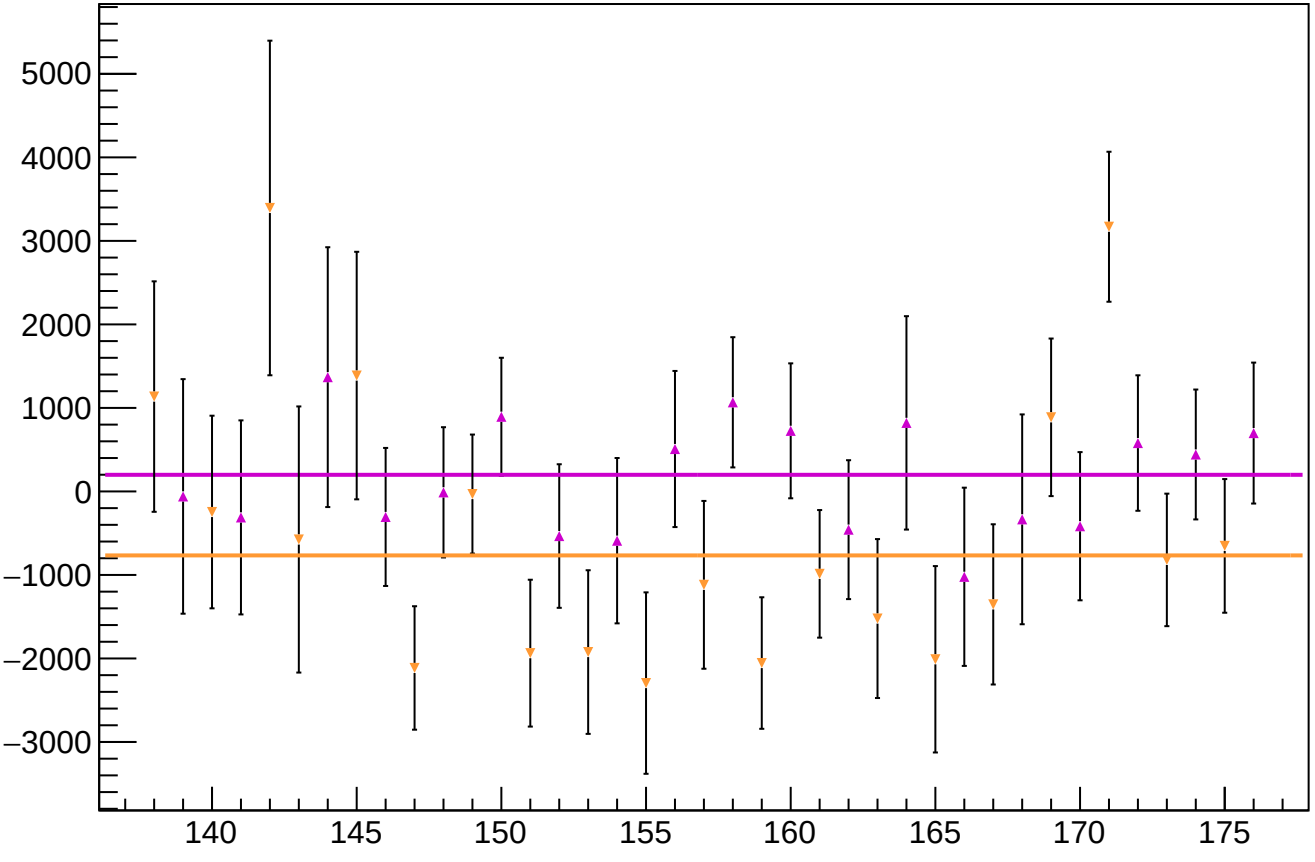
Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2801.413+/-0.429 χ^2/NDF:684912.3/35

Out: 2795.509+/-0.422 χ^2/NDF:322707.6/38

All: 2798.413+/-0.301 χ^2/NDF: 1007715.9/74

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -766.079+/-212.317 χ^2/NDF:45.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 198.968+/-209.017 χ^2/NDF:8.8/18

Left: -275.998+/-148.950 χ^2/NDF: 64.8/38

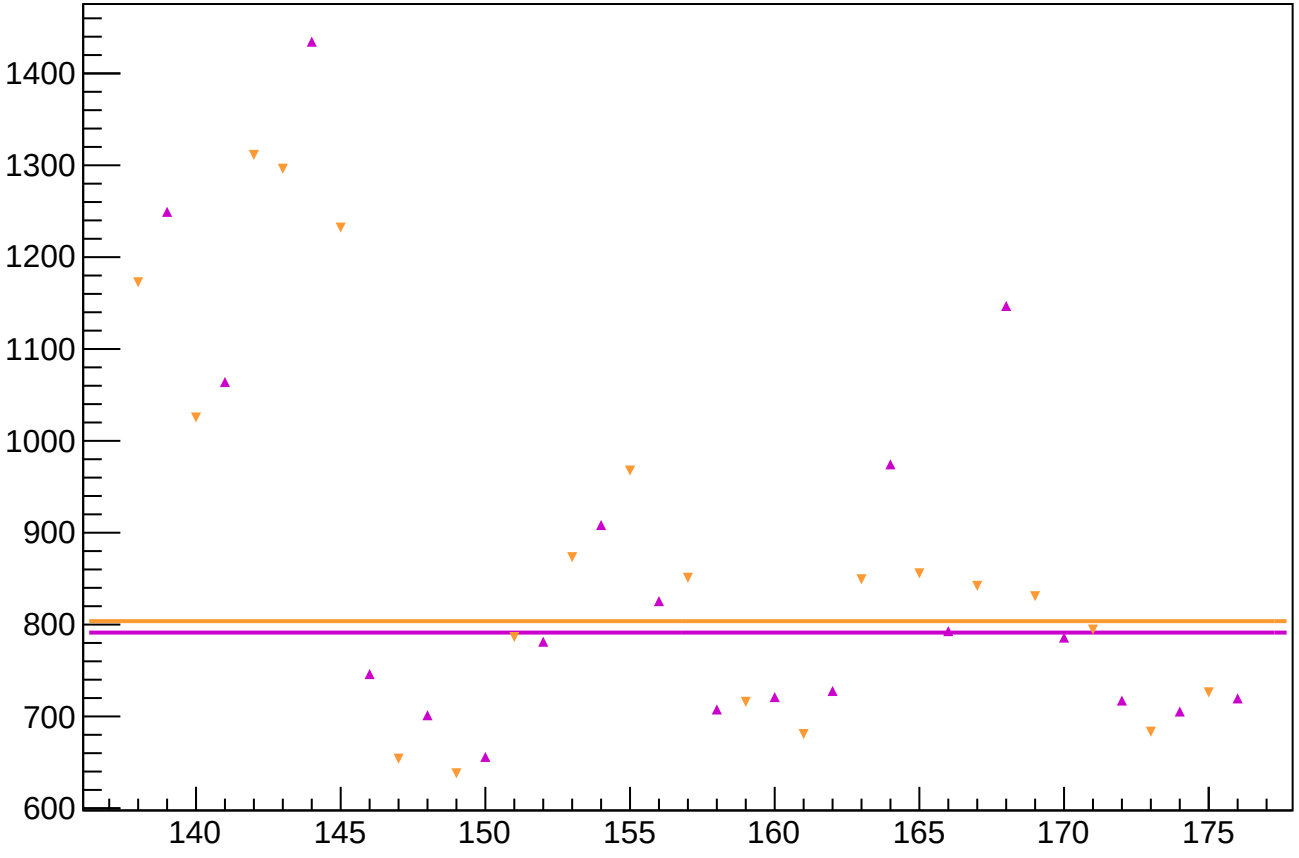
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 198.968+/-209.017 χ^2/NDF:8.8/18

Out: -766.079+/-212.317 χ^2/NDF:45.5/19

All: -275.998+/-148.950 χ^2/NDF: 64.8/38

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 803.724+/-0.150 χ^2/NDF:1109967.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 791.287+/-0.148 χ^2/NDF:1108759.3/18

Left: 797.408+/-0.105 χ^2/NDF: 2222212.6/38

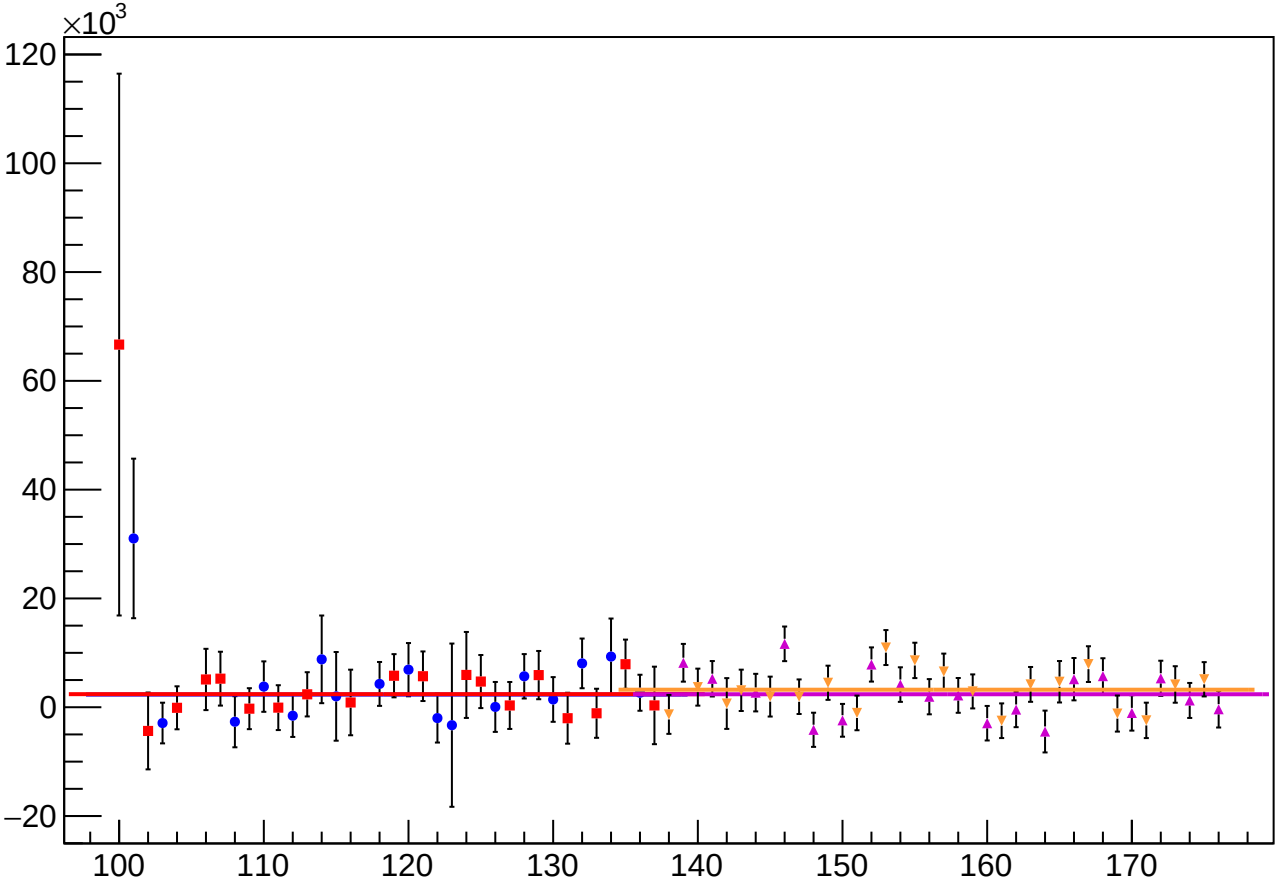
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 791.287+/-0.148 χ^2/NDF:1108759.3/18

Out: 803.724+/-0.150 χ^2/NDF:1109967.9/19

All: 797.408+/-0.105 χ^2/NDF: 2222212.6/38

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 3222.712+/-751.448 χ^2/NDF:24.5/19

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 2386.157+/-753.640 χ^2/NDF:33.3/18

Left: 2805.653+/-532.127 χ^2/NDF: 58.3/38

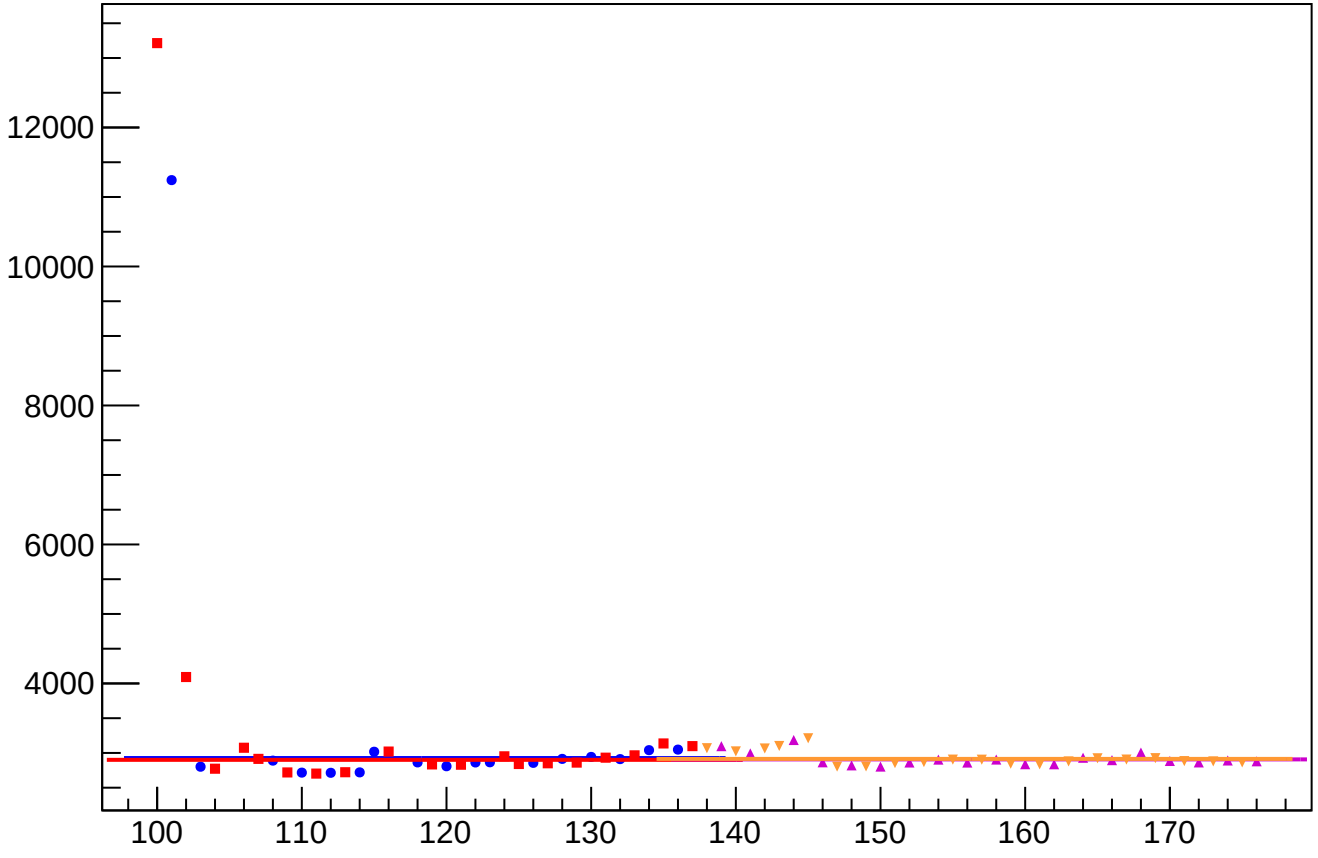
Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 2369.459+/-631.415 χ^2/NDF:47.6/35

Out: 2965.366+/-622.281 χ^2/NDF:34.9/38

All: 2671.754+/-443.213 χ^2/NDF: 83.0/74

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 2914.340+/-0.531 χ^2/NDF:35050.9/19

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 2907.273+/-0.533 χ^2/NDF:29852.6/18

Left: 2910.817+/-0.376 χ^2/NDF: 64991.6/38

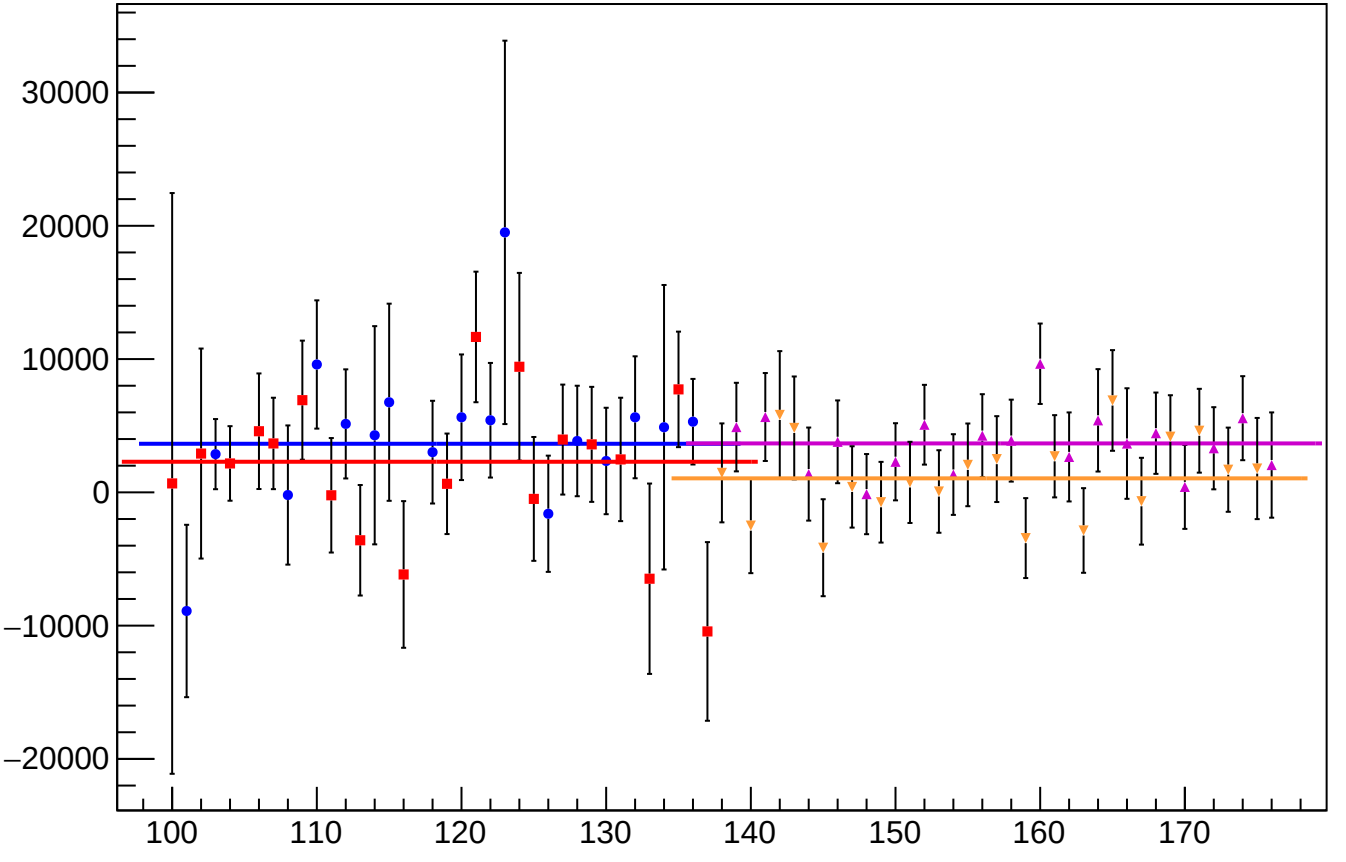
Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2913.037+/-0.446 χ^2/NDF:693039.4/35

Out: 2910.094+/-0.440 χ^2/NDF:205120.7/38

All: 2911.544+/-0.313 χ^2/NDF: 898182.1/74

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 1050.657+/-741.194 χ^2/NDF:14.9/19

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 3671.593+/-738.833 χ^2/NDF:9.5/18

Left: 2365.306+/-523.266 χ^2/NDF: 30.7/38

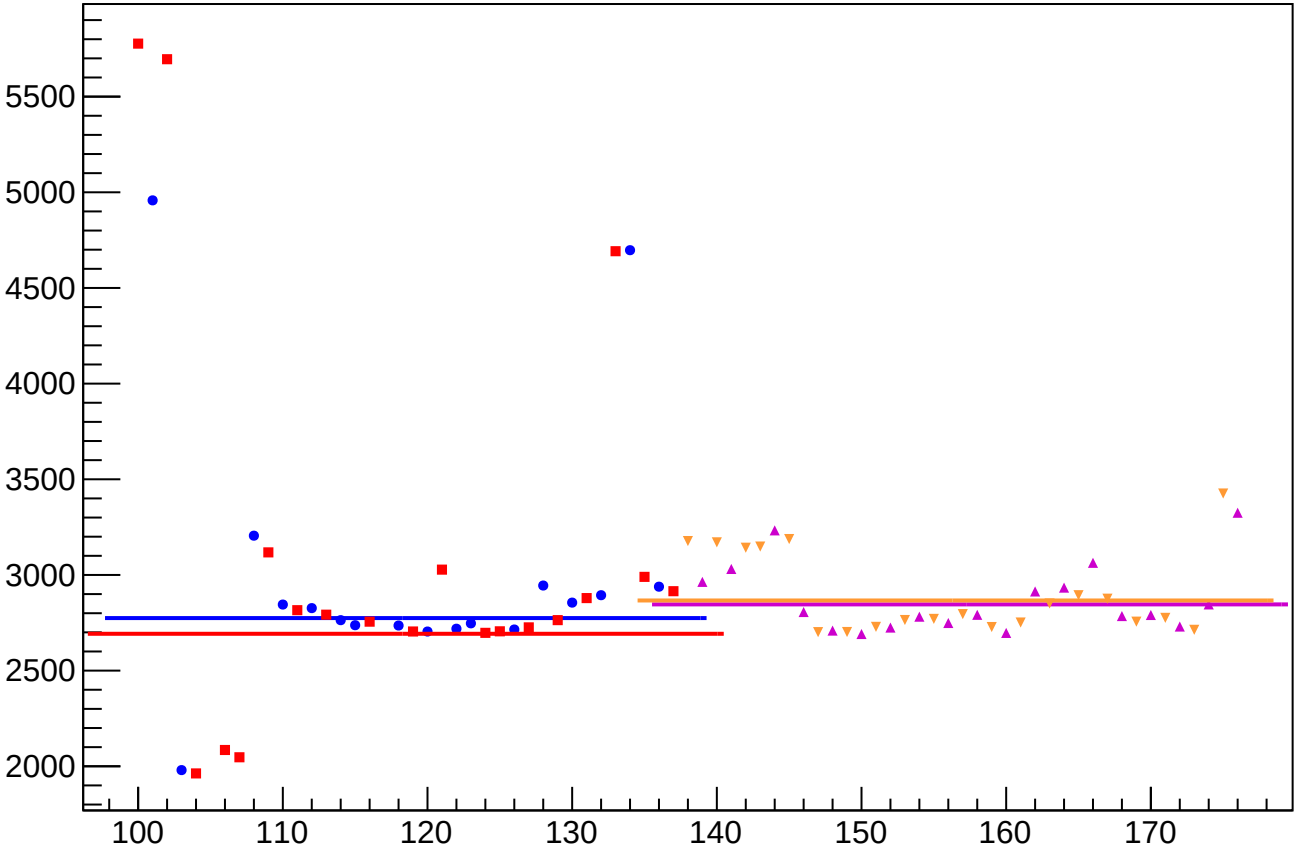
Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3663.321+/-611.839 χ^2/NDF:19.4/35

Out: 1466.429+/-604.924 χ^2/NDF:34.3/38

All: 2552.389+/-430.170 χ^2/NDF: 60.2/74

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2866.615+/-0.524 χ^2/NDF:141909.7/19

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 2846.122+/-0.522 χ^2/NDF:96219.7/18

Left: 2856.336+/-0.370 χ^2/NDF: 238896.4/38

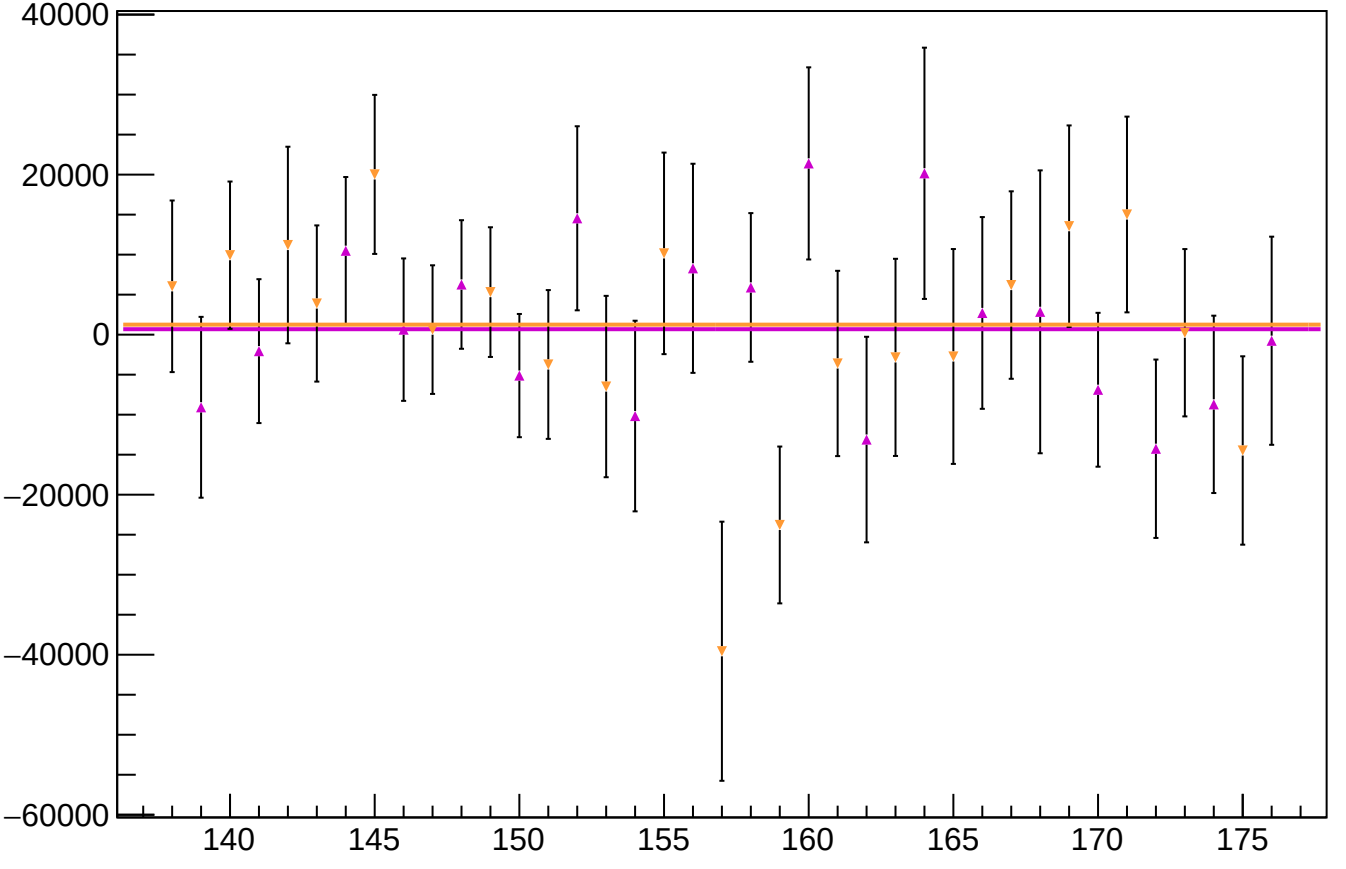
Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2823.653+/-0.433 χ^2/NDF:603786.3/35

Out: 2808.456+/-0.428 χ^2/NDF:959041.0/38

All: 2815.967+/-0.304 χ^2/NDF: 1563451.4/74

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1250.700+/-2393.385 χ^2/NDF:24.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 679.907+/-2431.495 χ^2/NDF:14.8/18

Left: 969.812+/-1705.693 χ^2/NDF: 39.2/38

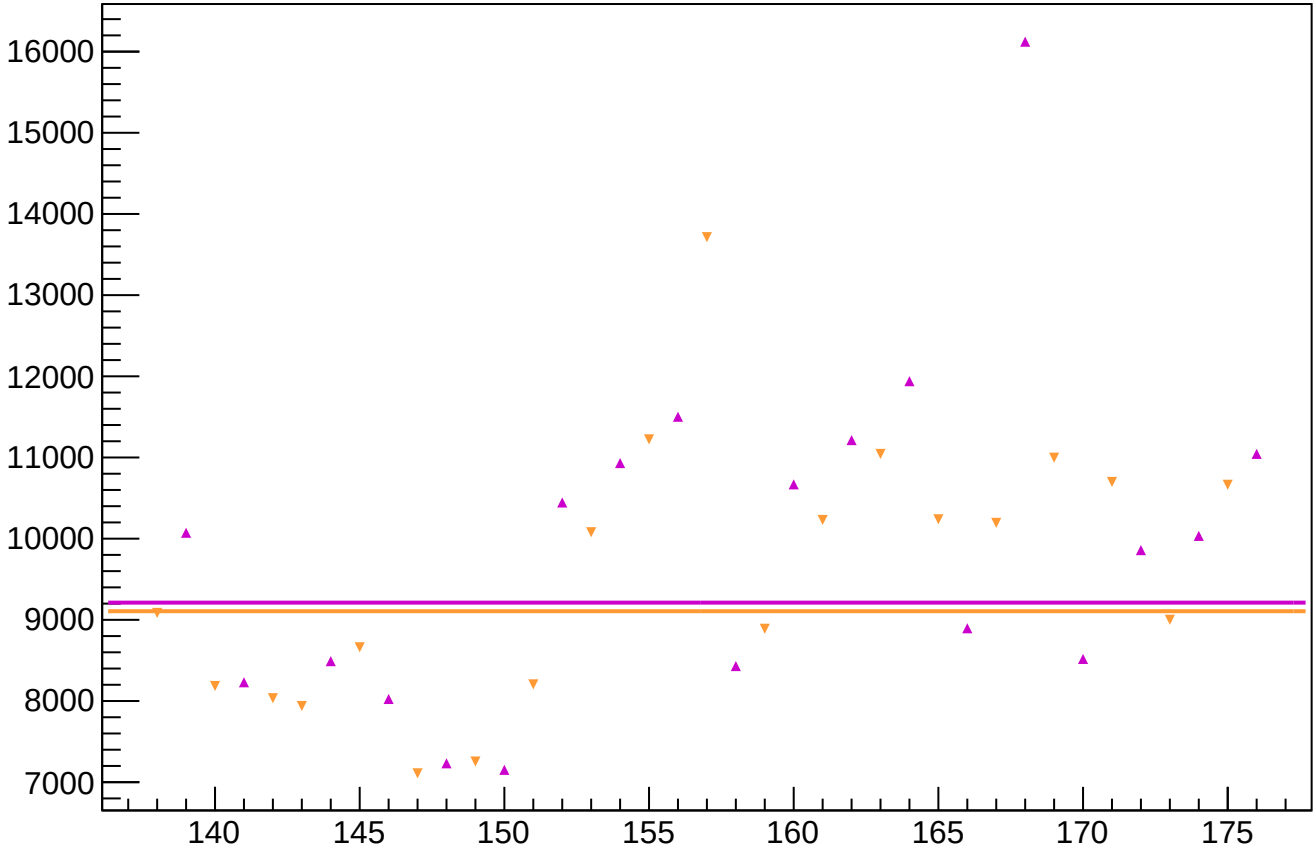
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 679.907+/-2431.495 χ^2/NDF:14.8/18

Out: 1250.700+/-2393.385 χ^2/NDF:24.3/19

All: 969.812+/-1705.693 χ^2/NDF: 39.2/38

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 9106.239+/-1.692 χ^2/NDF:762866.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 9212.007+/-1.719 χ^2/NDF:1001264.3/18

Left: 9158.288+/-1.206 χ^2/NDF: 1766052.6/38

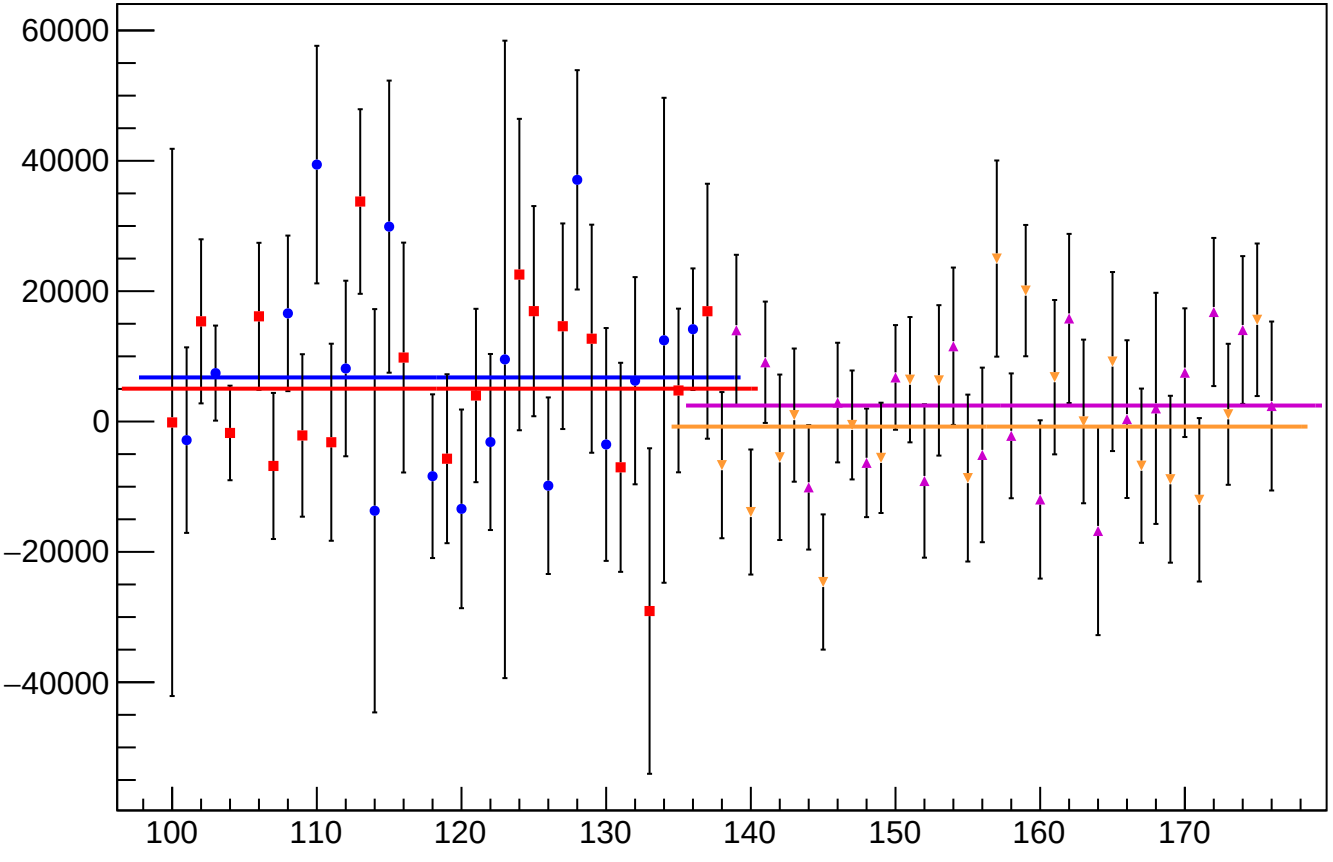
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9212.007+/-1.719 χ^2/NDF:1001264.3/18

Out: 9106.239+/-1.692 χ^2/NDF:762866.2/19

All: 9158.288+/-1.206 χ^2/NDF: 1766052.6/38

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -778.884+/-2460.992 χ^2/NDF:20.9/19

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 2453.506+/-2494.414 χ^2/NDF:13.6/18

Left: 815.511+/-1751.881 χ^2/NDF: 35.3/38

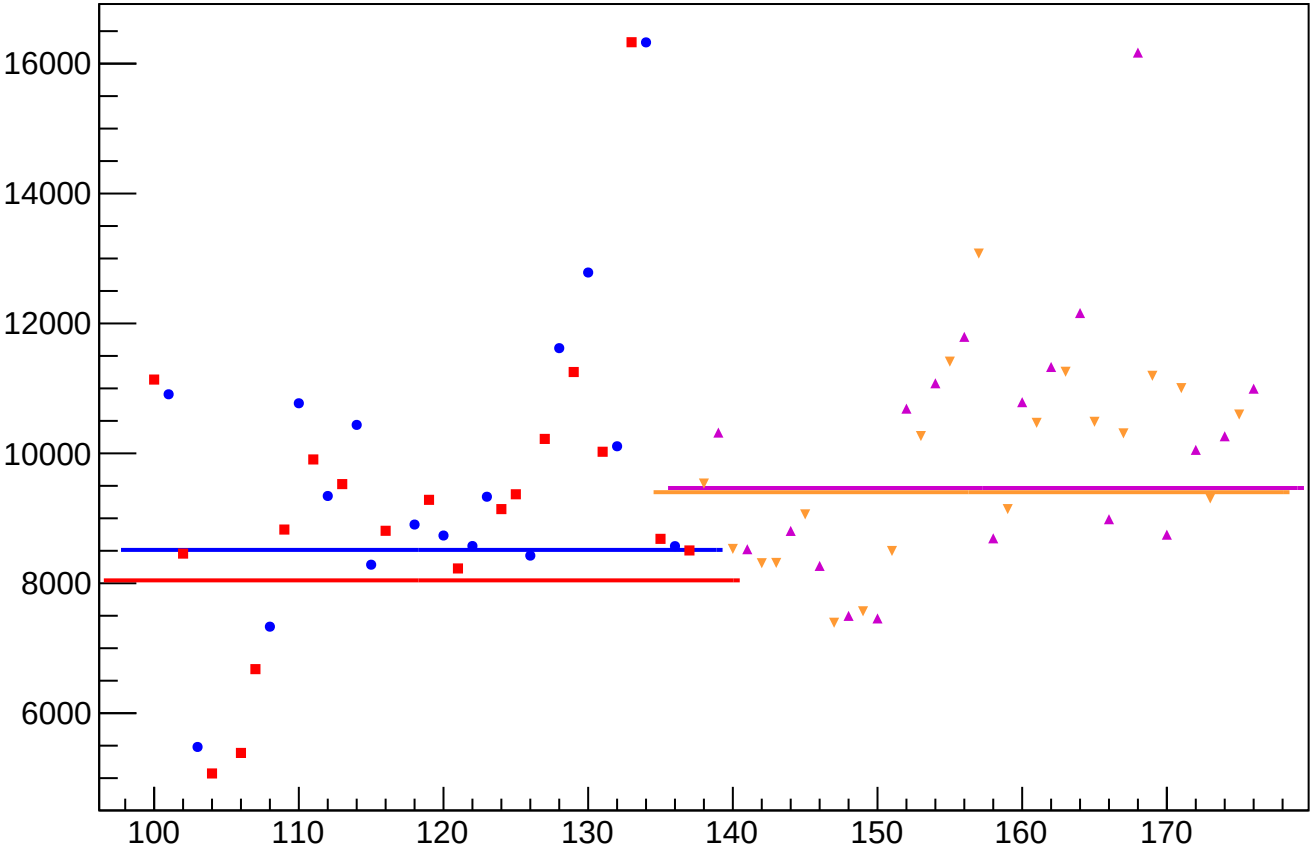
Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 3970.419+/-2008.531 χ^2/NDF:30.0/35

Out: 1411.923+/-1943.395 χ^2/NDF:36.6/38

All: 2649.013+/-1396.648 χ^2/NDF: 67.4/74

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 9402.198+/-1.740 χ^2/NDF:641861.8/19

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 9466.745+/-1.764 χ^2/NDF:907033.0/18

Left: 9434.036+/-1.239 χ^2/NDF: 1549573.5/38

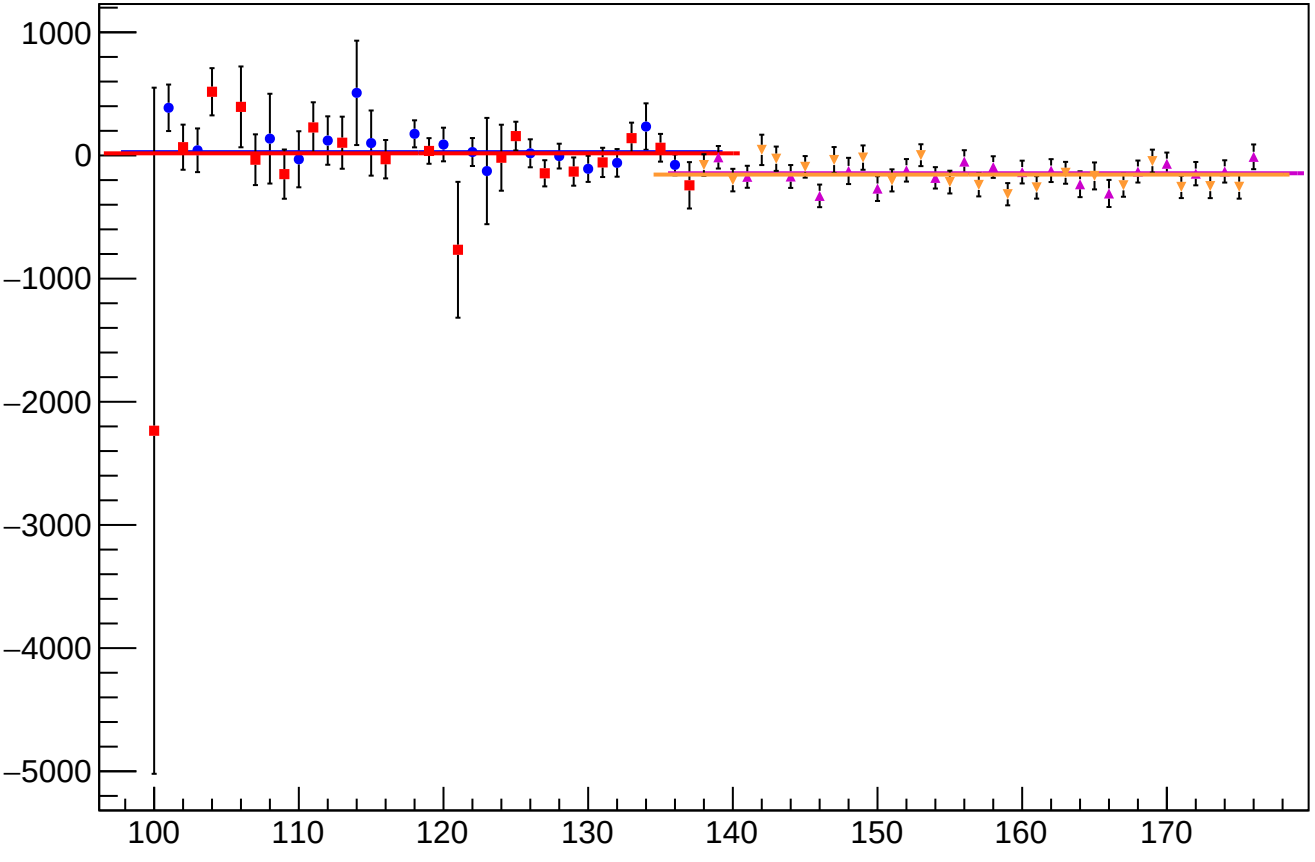
Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 9131.609+/-1.420 χ^2/NDF:1772317.1/35

Out: 8891.219+/-1.374 χ^2/NDF:1823227.4/38

All: 9007.452+/-0.988 χ^2/NDF: 3610341.1/74

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -155.147+/-21.116 χ^2/NDF:23.7/19

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -144.465+/-21.554 χ^2/NDF:15.0/18

Left: -149.916+/-15.084 χ^2/NDF: 38.7/38

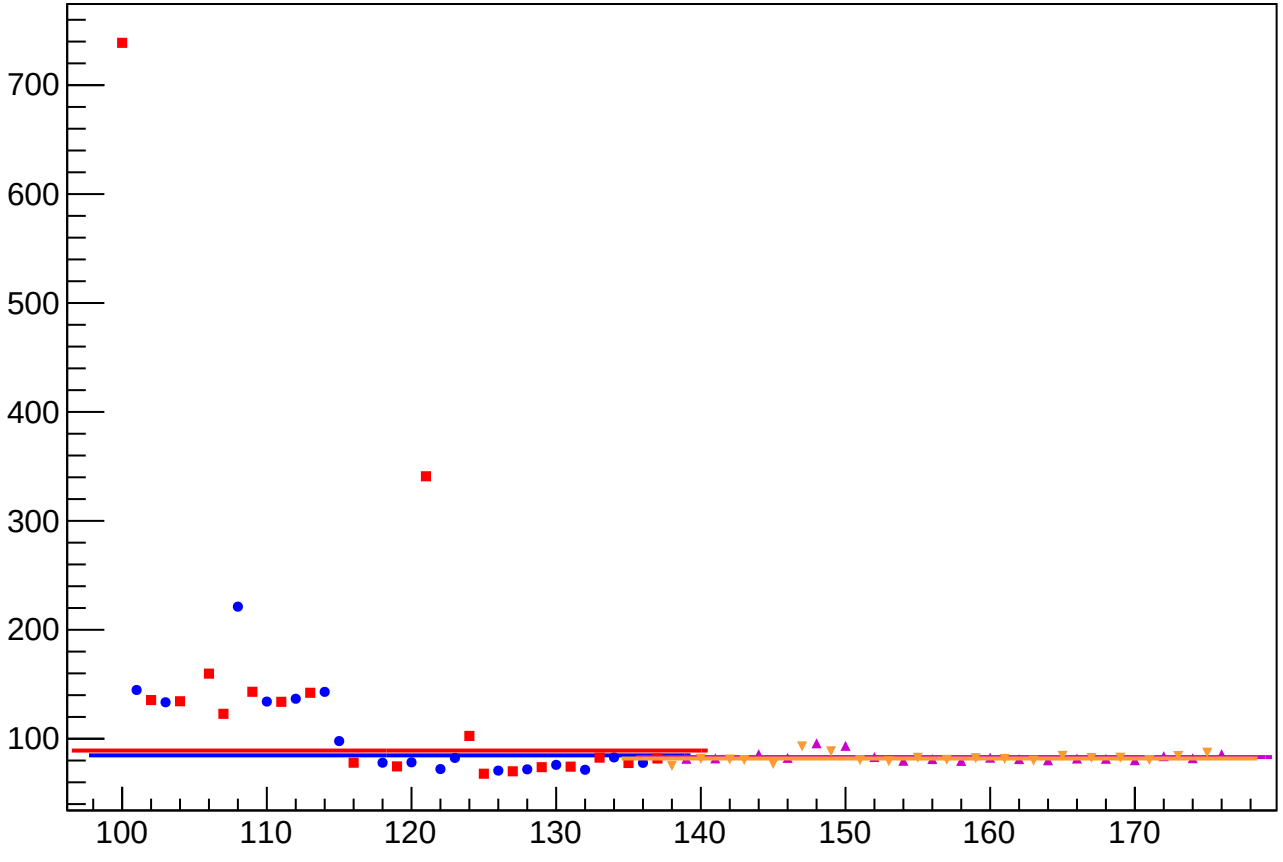
Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -95.389+/-18.209 χ^2/NDF:45.7/35

Out: -110.152+/-18.154 χ^2/NDF:62.9/38

All: -102.792+/-12.856 χ^2/NDF: 108.9/74

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 81.860+/-0.015 χ^2/NDF:63185.3/19

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 83.152+/-0.015 χ^2/NDF:66017.4/18

Left: 82.493+/-0.011 χ^2/NDF: 132866.9/38

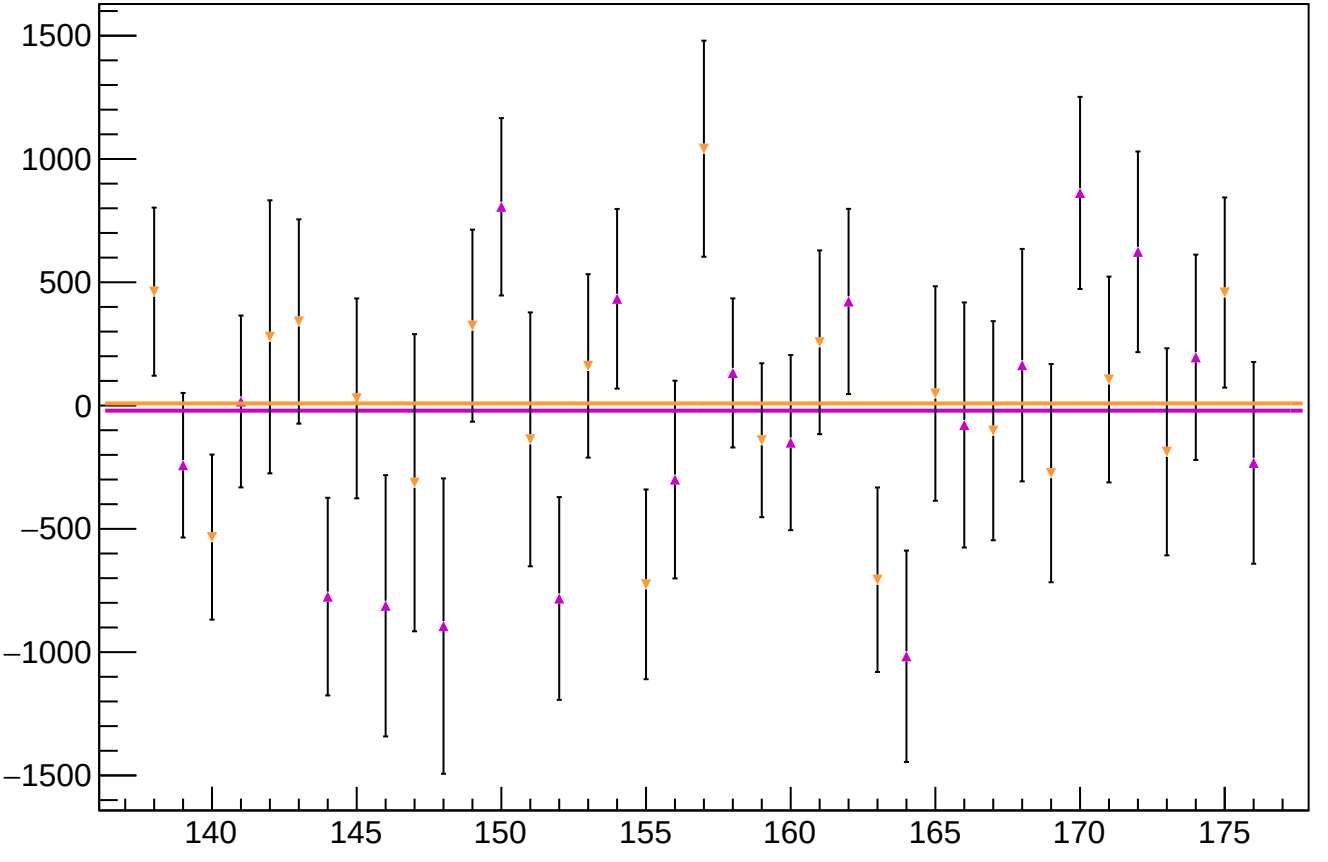
Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 83.606+/-0.013 χ^2/NDF:1133535.4/35

Out: 83.760+/-0.013 χ^2/NDF:1684508.2/38

All: 83.683+/-0.009 χ^2/NDF: 2818115.4/74

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 8.658+/-90.085 χ^2/NDF:22.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -20.649+/-89.737 χ^2/NDF:34.8/18

Left: -6.052+/-63.576 χ^2/NDF: 56.9/38

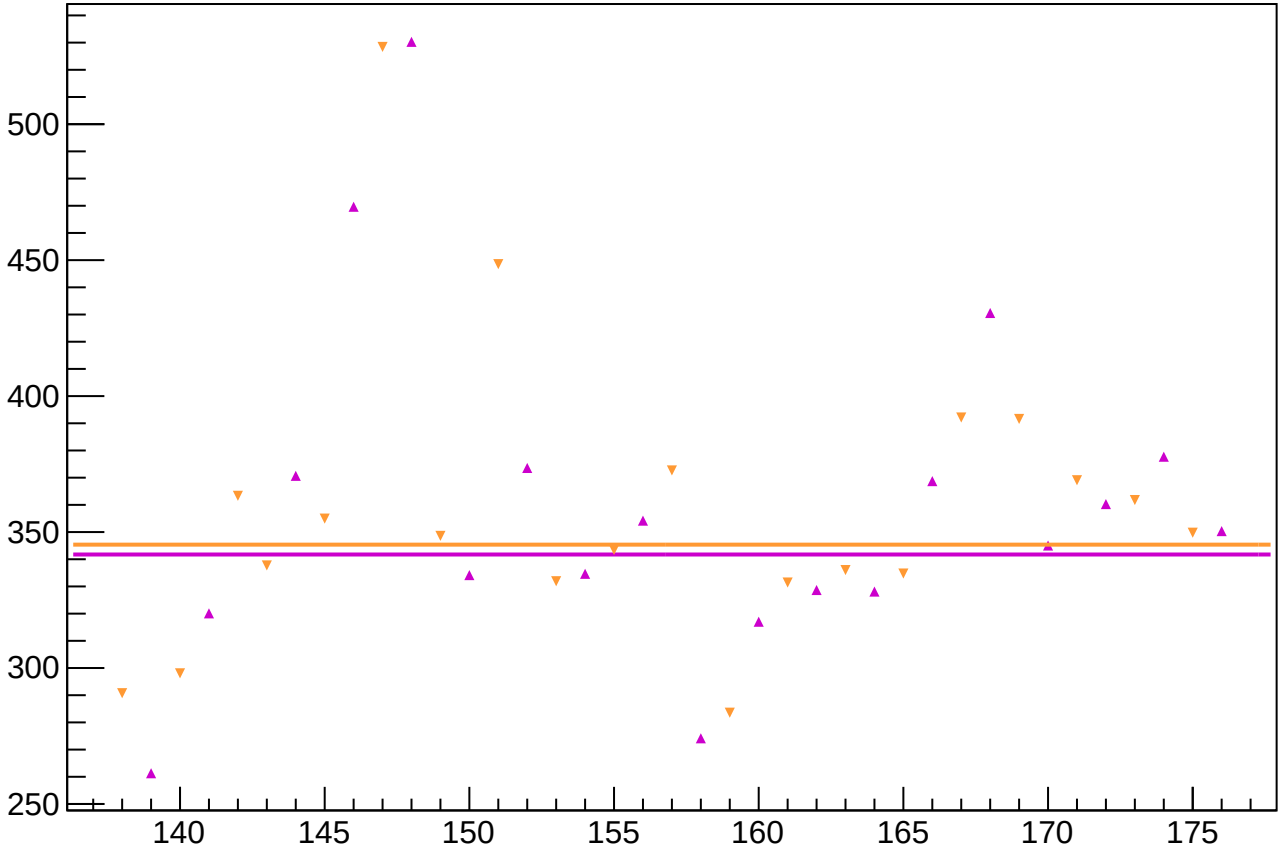
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -20.649+/-89.737 χ^2/NDF:34.8/18

Out: 8.658+/-90.085 χ^2/NDF:22.1/19

All: -6.052+/-63.576 χ^2/NDF: 56.9/38

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 345.372+/-0.064 χ^2/NDF:508095.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 341.745+/-0.063 χ^2/NDF:710219.0/18

Left: 343.552+/-0.045 χ^2/NDF: 1219940.6/38

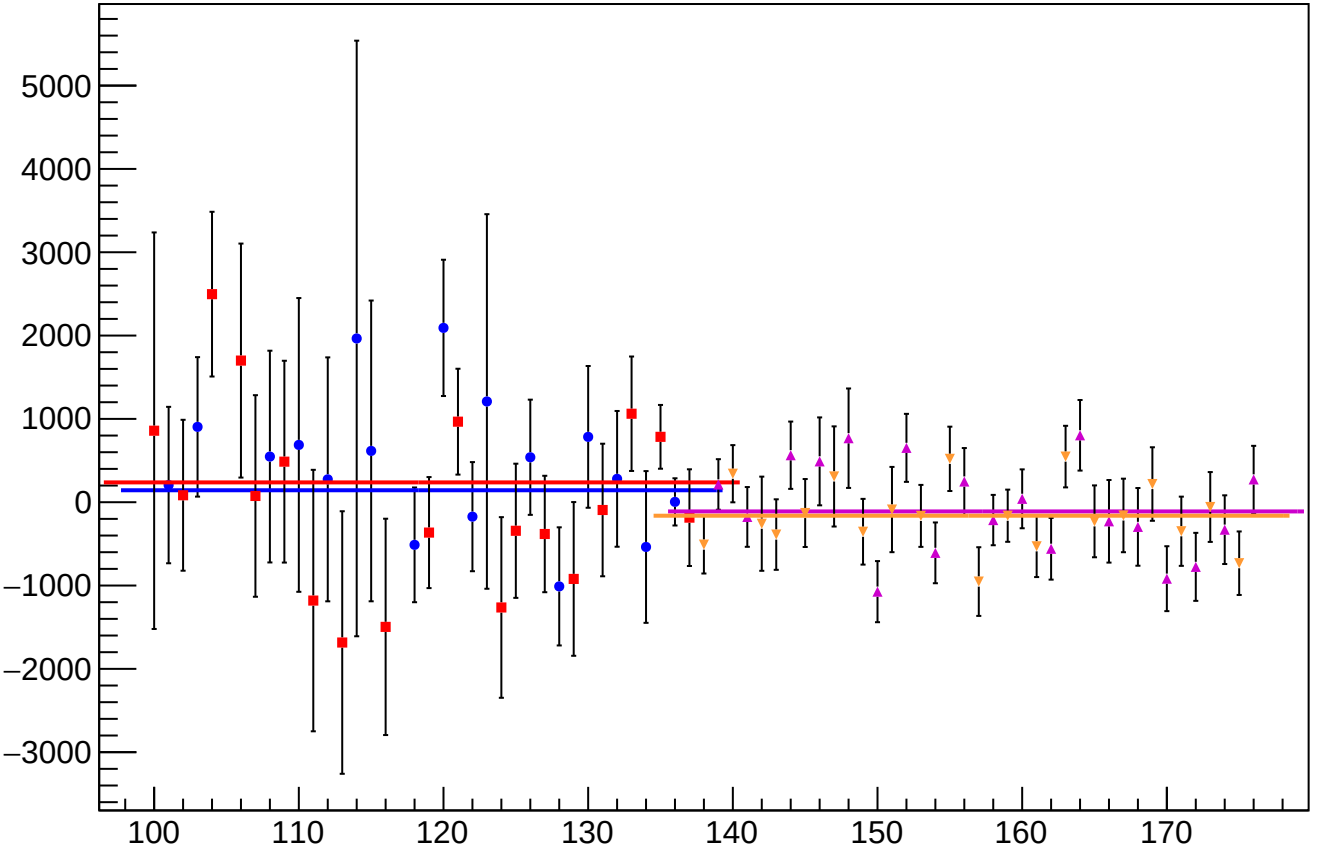
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 341.745+/-0.063 χ^2/NDF:710219.0/18

Out: 345.372+/-0.064 χ^2/NDF:508095.1/19

All: 343.552+/-0.045 χ^2/NDF: 1219940.6/38

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -162.093+/-90.078 χ^2/NDF:19.1/19

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: -110.568+/-90.001 χ^2/NDF:35.2/18

Left: -136.309+/-63.668 χ^2/NDF: 54.5/38

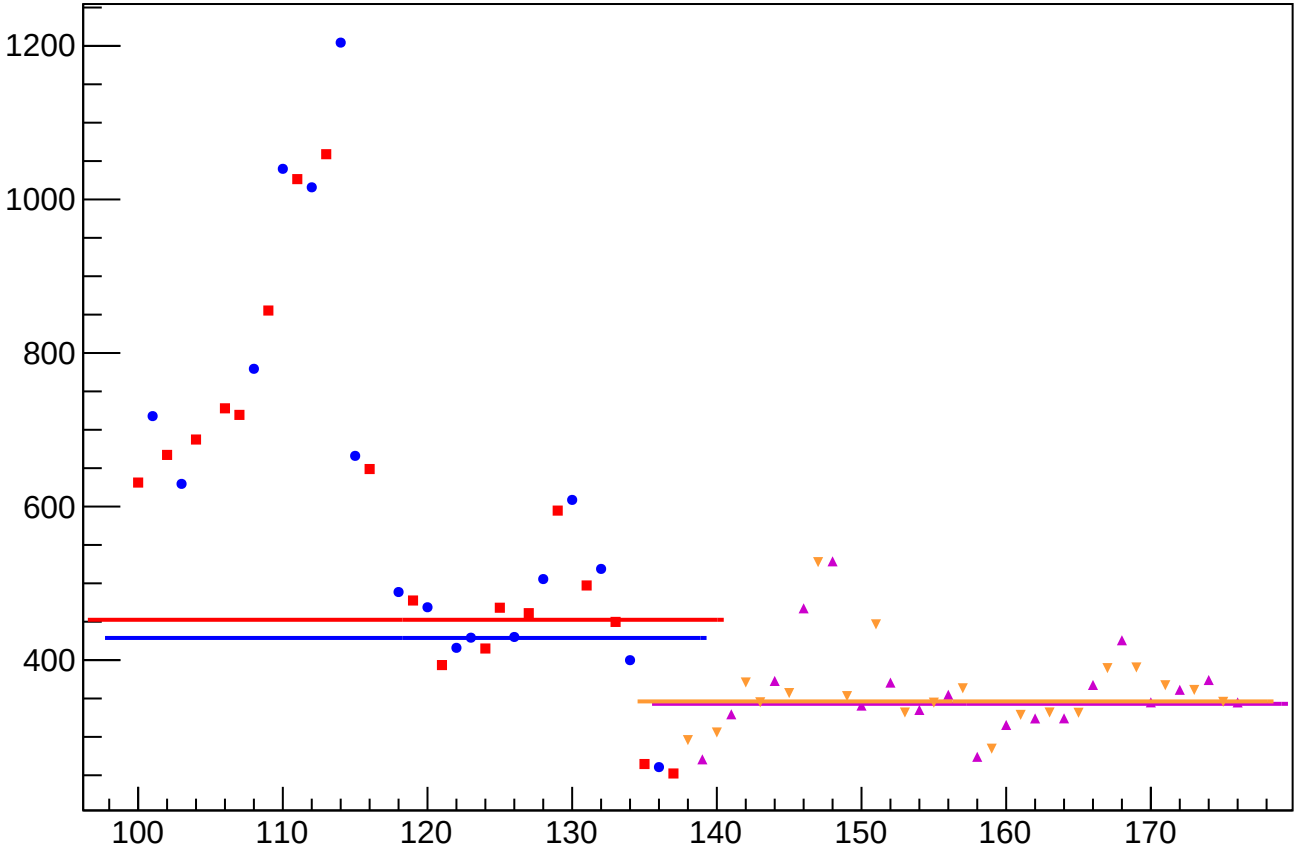
Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: -59.410+/-80.431 χ^2/NDF:49.6/35

Out: -84.774+/-80.903 χ^2/NDF:44.6/38

All: -72.018+/-57.039 χ^2/NDF: 94.3/74

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 346.198+/-0.064 χ^2/NDF:475900.0/19

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 343.056+/-0.064 χ^2/NDF:653022.3/18

Left: 344.626+/-0.045 χ^2/NDF: 1130139.7/38

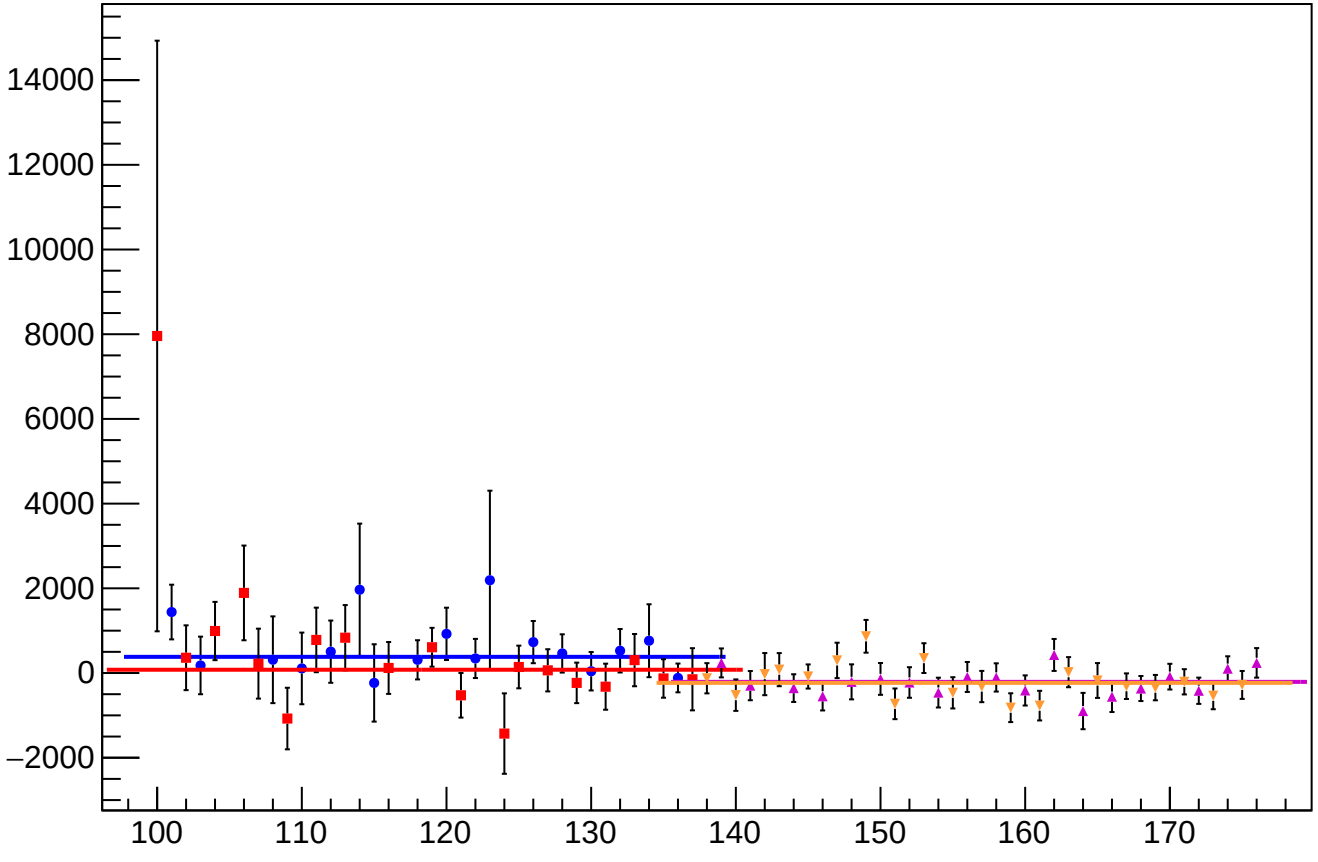
Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 360.333+/-0.057 χ^2/NDF:3031363.2/35

Out: 366.753+/-0.057 χ^2/NDF:3053825.7/38

All: 363.524+/-0.040 χ^2/NDF: 6091523.0/74

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -232.113+/-78.134 χ^2/NDF:23.6/19

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -208.795+/-78.718 χ^2/NDF:14.1/18

Left: -220.541+/-55.454 χ^2/NDF: 37.7/38

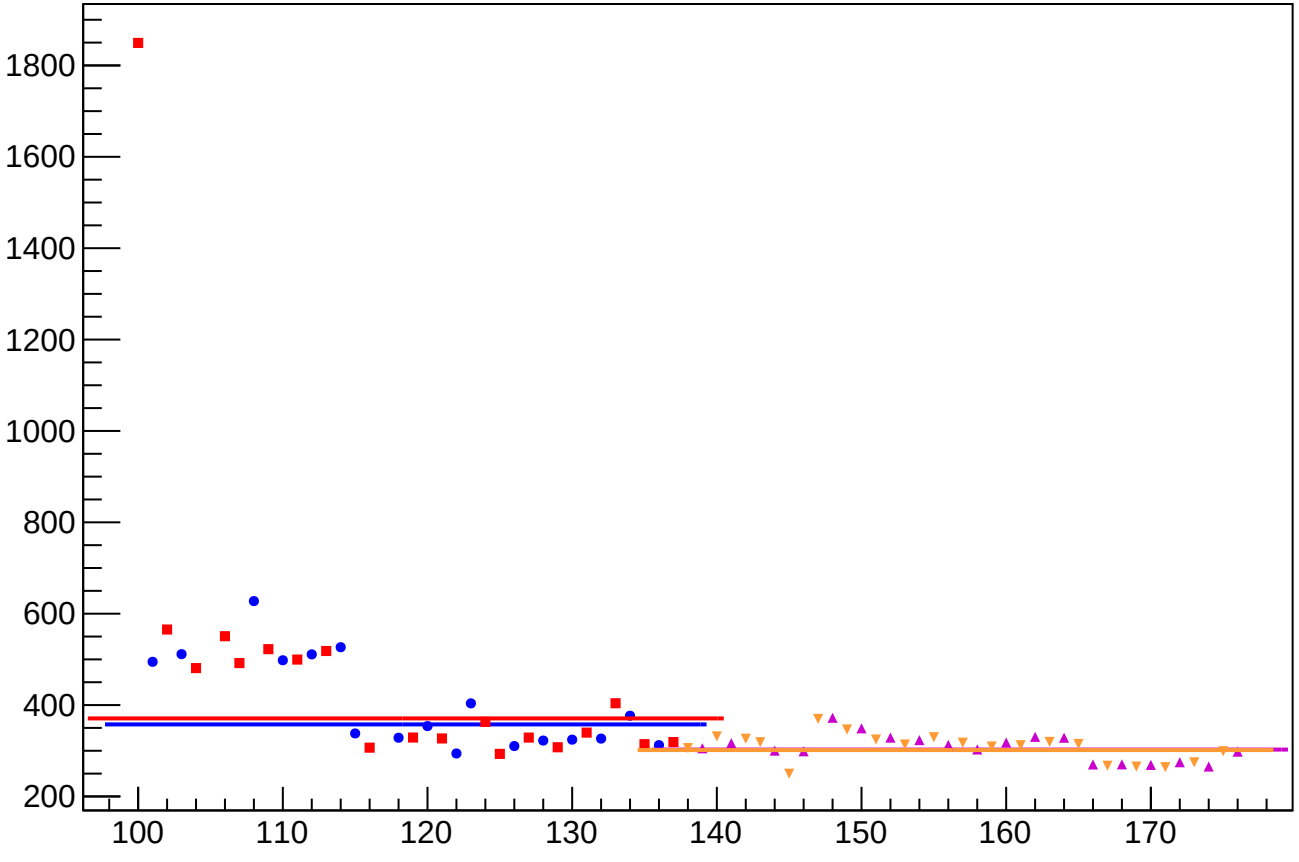
Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: -68.727+/-68.755 χ^2/NDF:36.9/35

Out: -161.292+/-68.618 χ^2/NDF:43.9/38

All: -115.102+/-48.568 χ^2/NDF: 81.7/74

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 301.528+/-0.055 χ^2/NDF:304986.5/19

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 302.574+/-0.056 χ^2/NDF:245064.4/18

Left: 302.047+/-0.039 χ^2/NDF: 550228.9/38

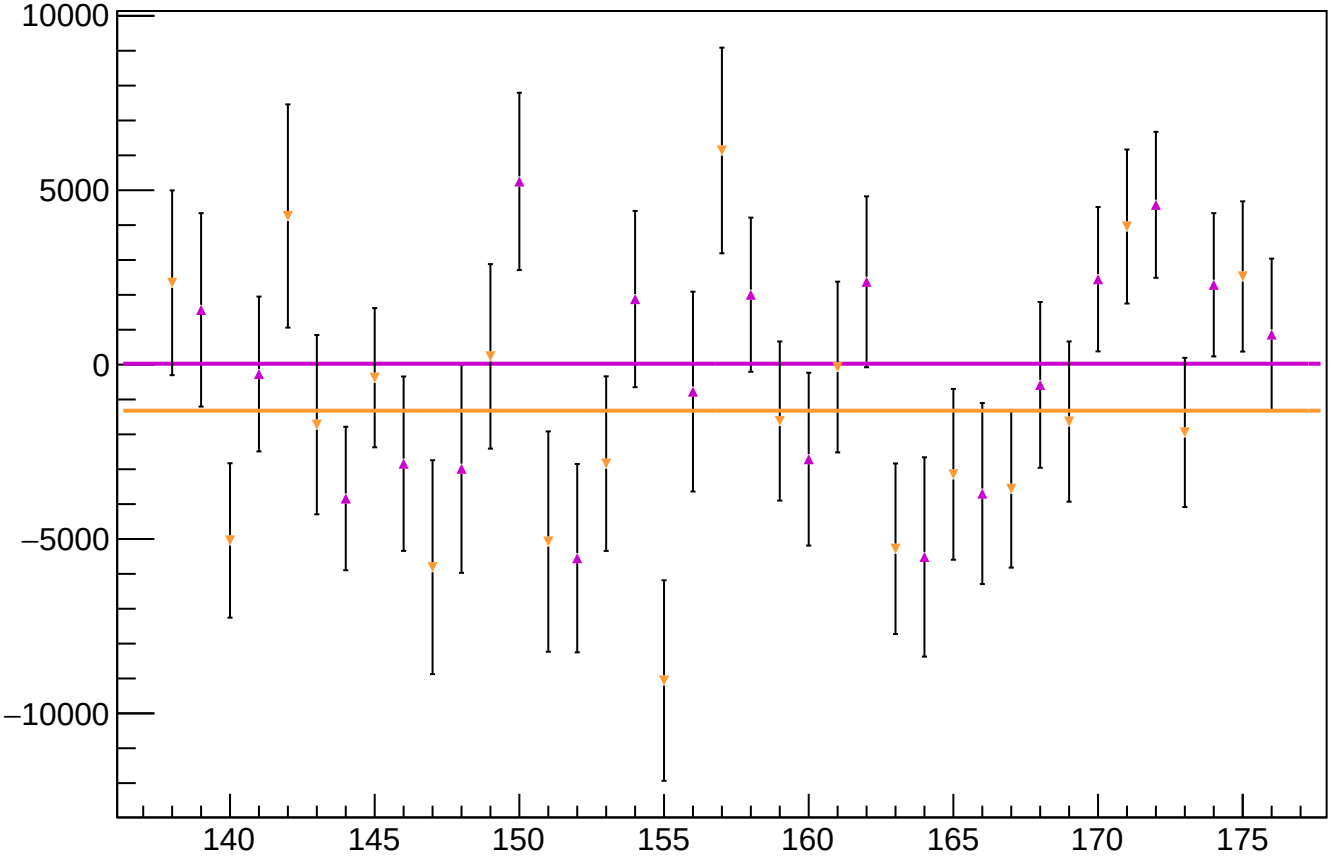
Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 315.637+/-0.049 χ^2/NDF:1107014.7/35

Out: 317.372+/-0.049 χ^2/NDF:1449318.4/38

All: 316.507+/-0.034 χ^2/NDF: 2556971.1/74

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1321.072+/-549.738 χ^2/NDF:39.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 25.473+/-550.147 χ^2/NDF:31.6/18

Left: -648.300+/-388.868 χ^2/NDF: 74.0/38

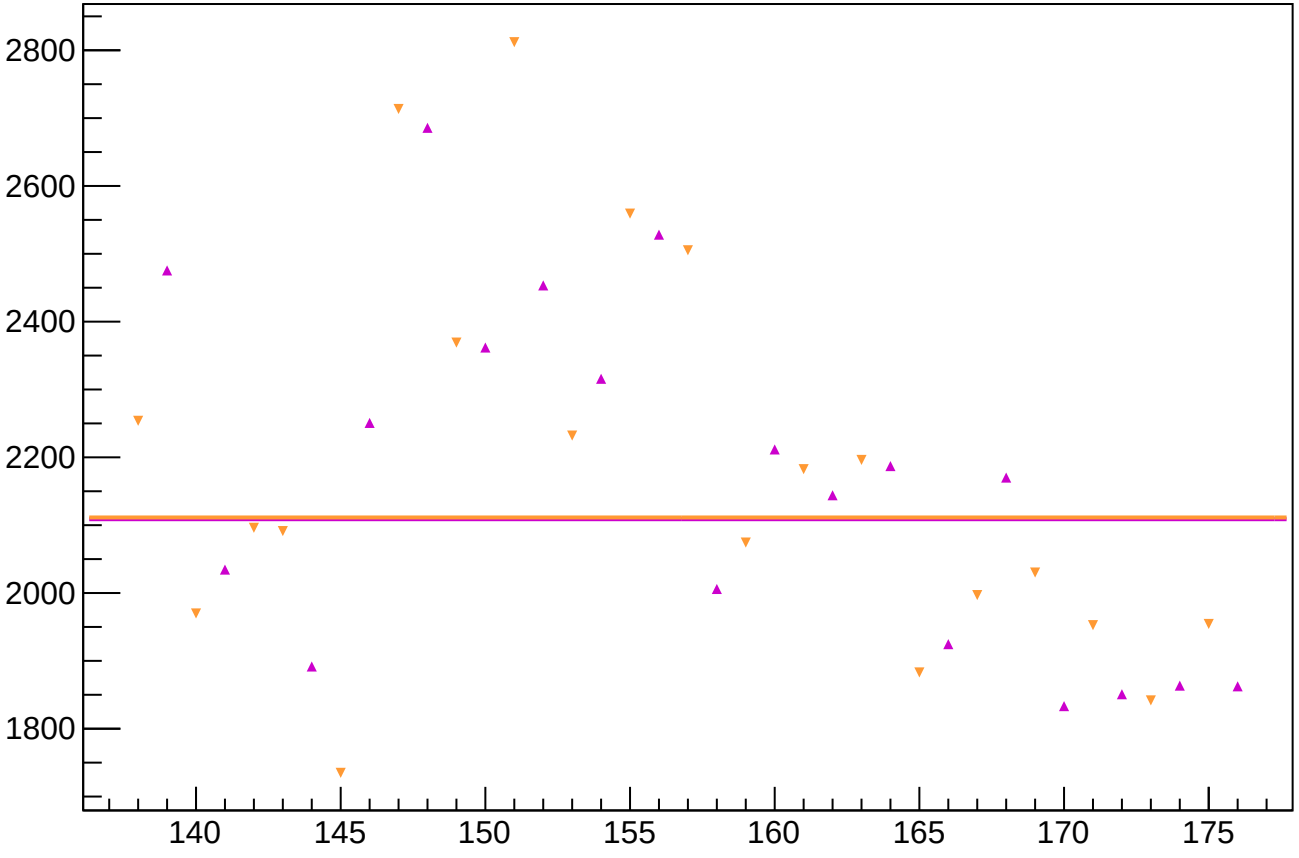
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 25.473+/-550.147 χ^2/NDF:31.6/18

Out: -1321.072+/-549.738 χ^2/NDF:39.4/19

All: -648.300+/-388.868 χ^2/NDF: 74.0/38

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2111.354+/-0.389 χ^2/NDF:450940.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 2108.810+/-0.389 χ^2/NDF:390371.2/18

Left: 2110.083+/-0.275 χ^2/NDF: 841333.3/38

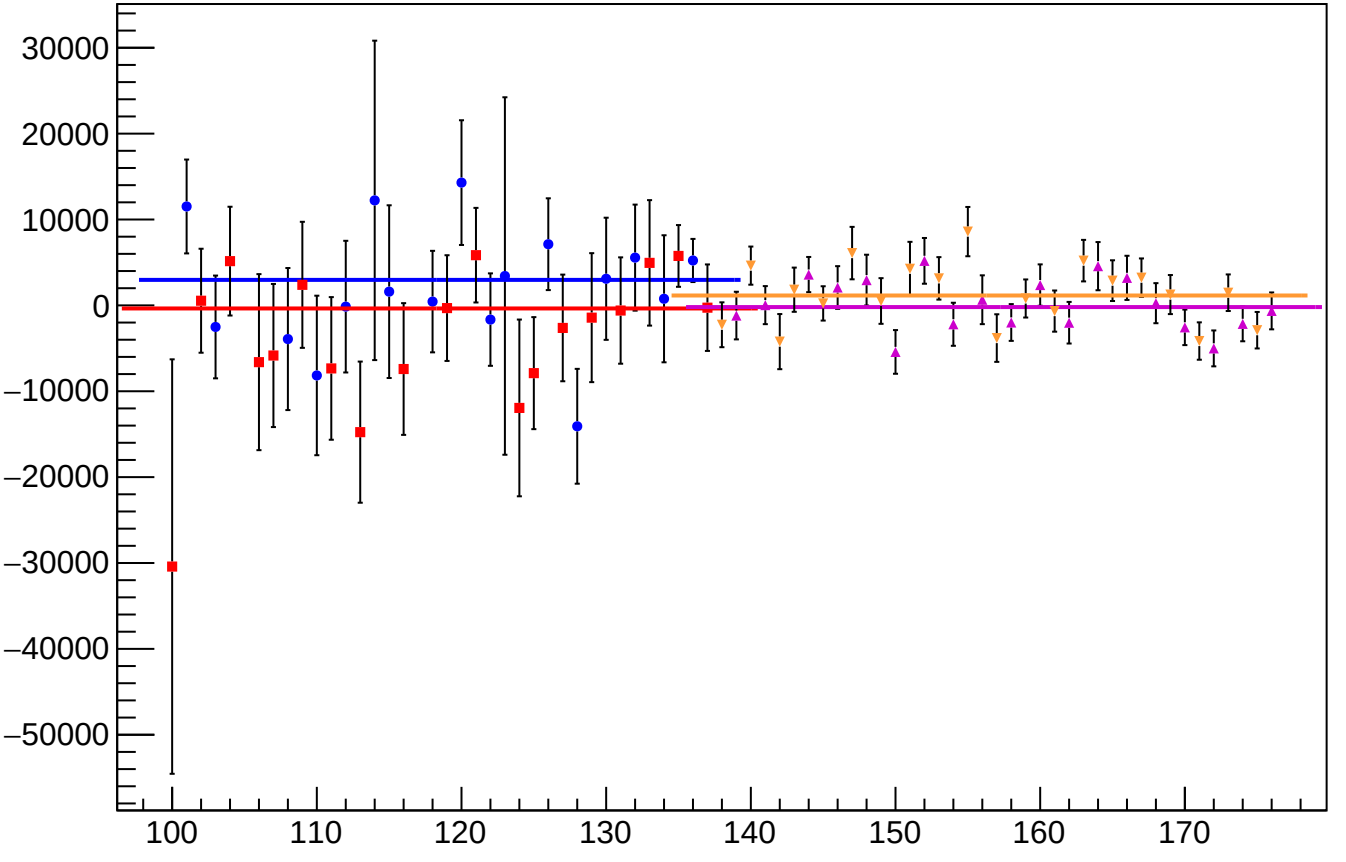
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2108.810+/-0.389 χ^2/NDF:390371.2/18

Out: 2111.354+/-0.389 χ^2/NDF:450940.7/19

All: 2110.083+/-0.275 χ^2/NDF: 841333.3/38

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 1151.436+/-543.557 χ^2/NDF:35.8/19

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: -196.919+/-544.599 χ^2/NDF:29.2/18

Left: 478.549+/-384.721 χ^2/NDF: 68.1/38

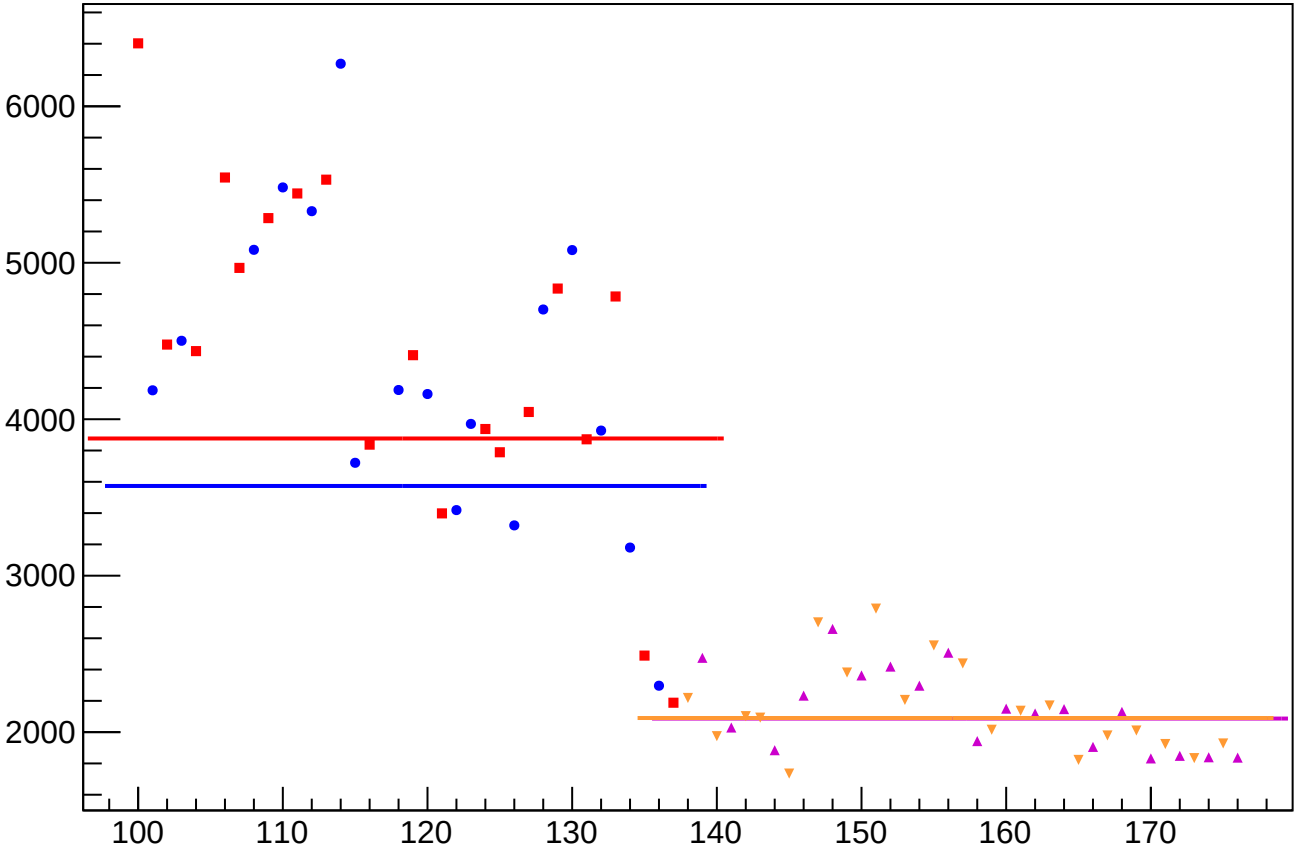
Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 199.022+/-509.409 χ^2/NDF:50.8/35

Out: 977.605+/-511.317 χ^2/NDF:52.1/38

All: 586.858+/-360.879 χ^2/NDF: 104.0/74

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2090.308+/-0.384 χ^2/NDF:455714.5/19

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2086.796+/-0.385 χ^2/NDF:389937.1/18

Left: 2088.556+/-0.272 χ^2/NDF: 845693.3/38

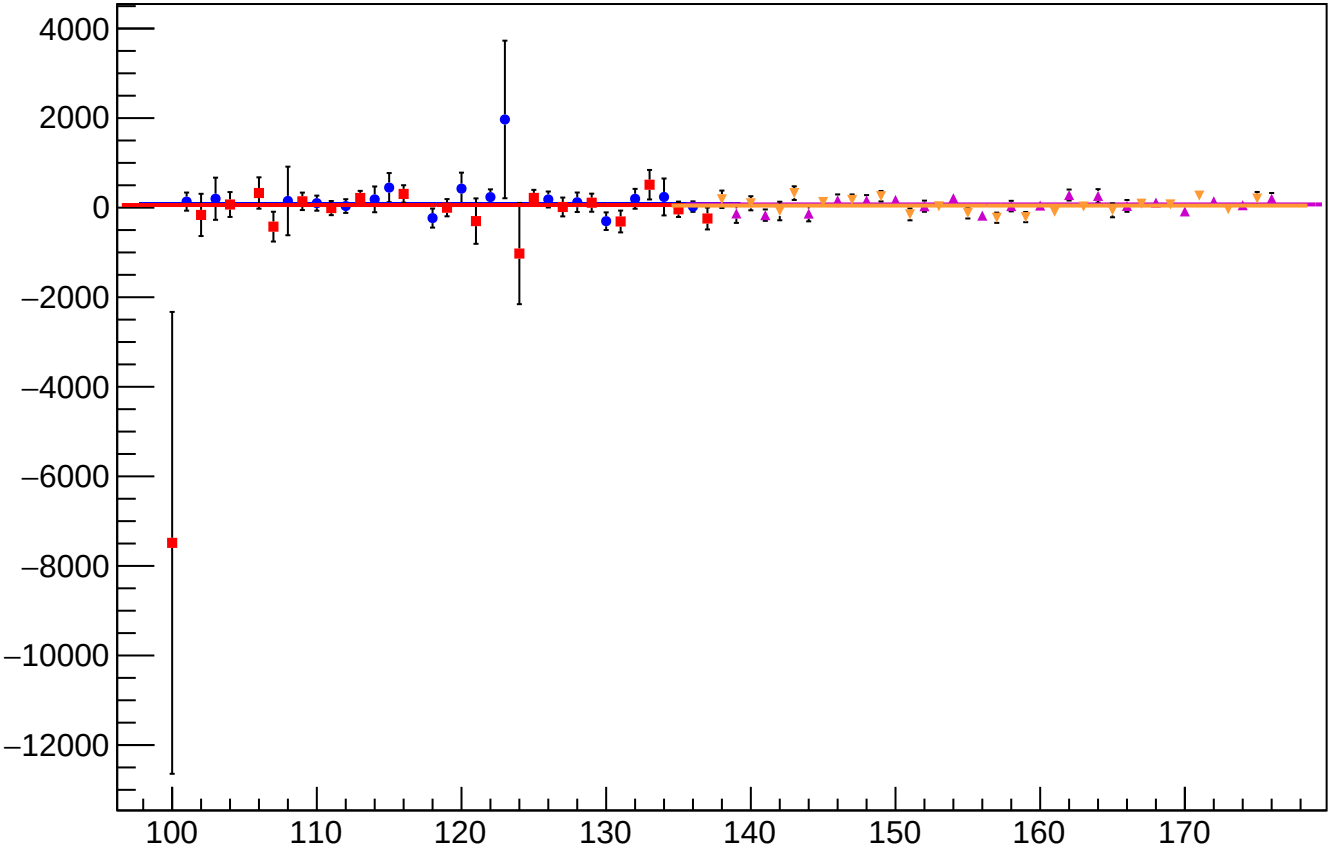
Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2272.717+/-0.360 χ^2/NDF:3342558.6/35

Out: 2295.966+/-0.362 χ^2/NDF:3931336.5/38

All: 2284.298+/-0.255 χ^2/NDF: 7275970.1/74

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 46.588+/-25.387 χ^2/NDF:35.6/19

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: 72.381+/-25.584 χ^2/NDF:24.4/18

Left: 59.385+/-18.020 χ^2/NDF: 60.5/38

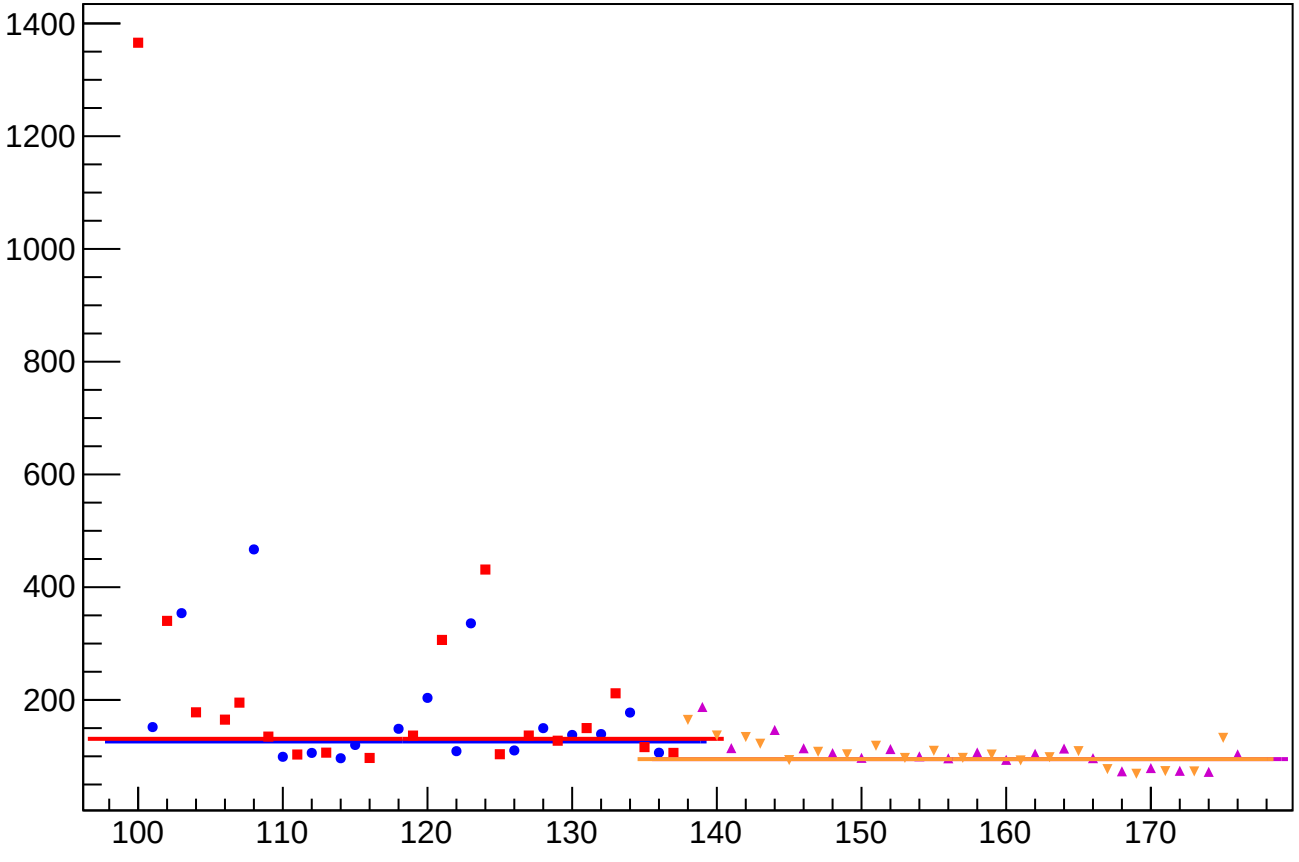
Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 74.232+/-22.948 χ^2/NDF:36.0/35

Out: 48.894+/-22.909 χ^2/NDF:52.0/38

All: 61.542+/-16.213 χ^2/NDF: 88.6/74

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 95.022+/-0.018 χ^2/NDF:1382904.4/19

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 95.050+/-0.018 χ^2/NDF:1266868.8/18

Left: 95.036+/-0.013 χ^2/NDF: 2649774.4/38

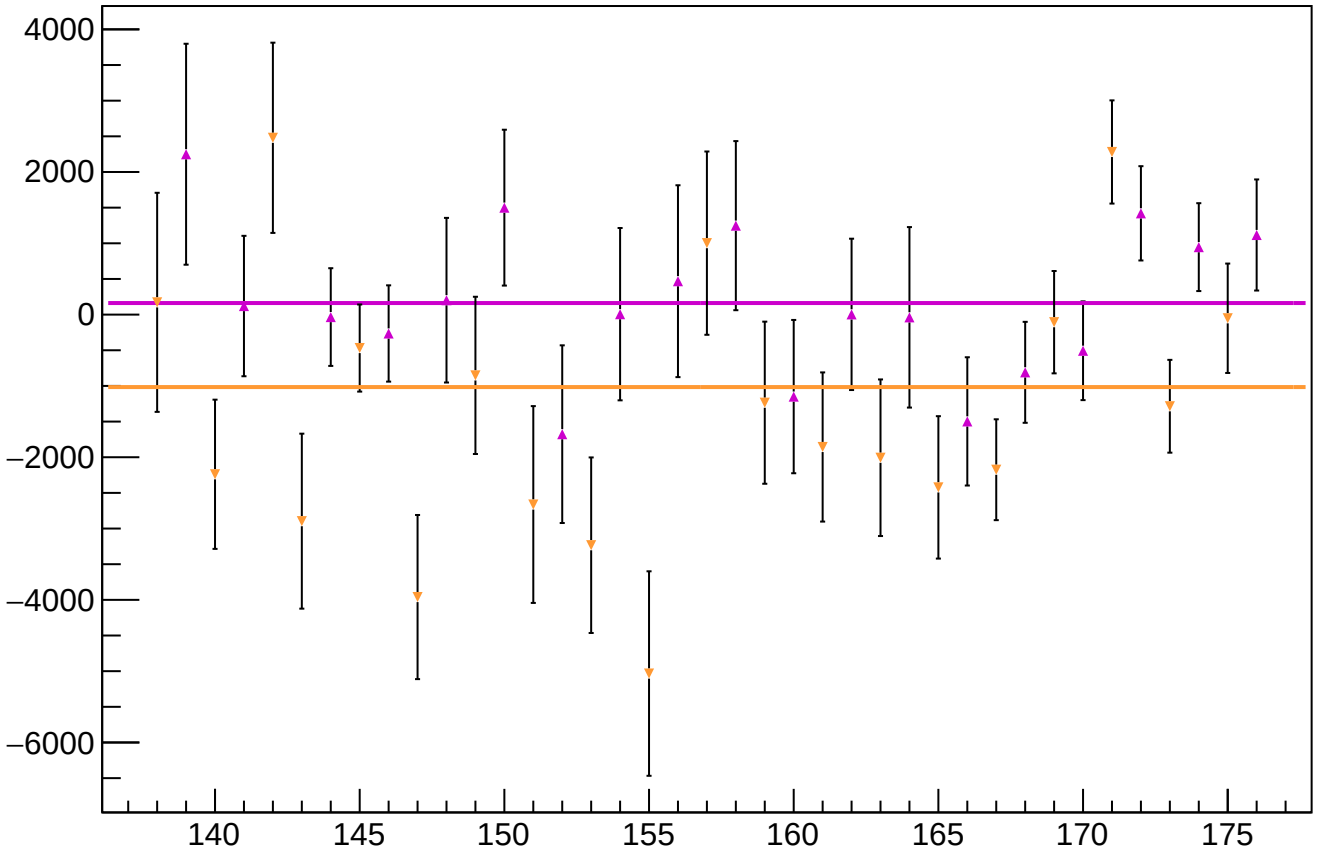
Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 101.165+/-0.016 χ^2/NDF:3162134.2/35

Out: 101.704+/-0.016 χ^2/NDF:3558277.7/38

All: 101.435+/-0.011 χ^2/NDF: 6720963.6/74

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1016.093+/-210.666 χ^2/NDF:63.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 162.226+/-203.192 χ^2/NDF:21.4/18

Left: -405.659+/-146.249 χ^2/NDF: 101.4/38

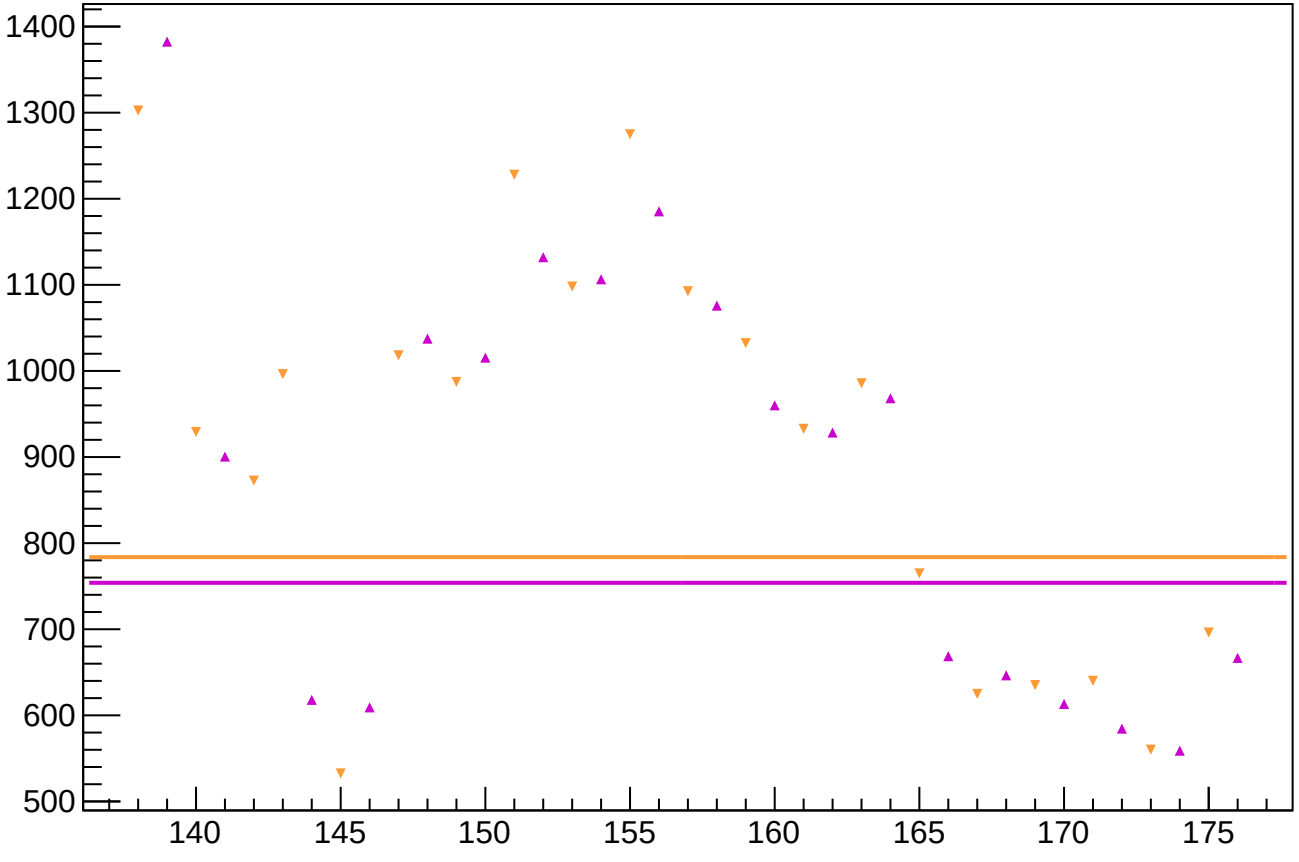
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 162.226+/-203.192 χ^2/NDF:21.4/18

Out: -1016.093+/-210.666 χ^2/NDF:63.8/19

All: -405.659+/-146.249 χ^2/NDF: 101.4/38

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 783.774+/-0.149 χ^2/NDF:2245169.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 753.953+/-0.144 χ^2/NDF:2175598.7/18

Left: 768.325+/-0.103 χ^2/NDF: 4441529.4/38

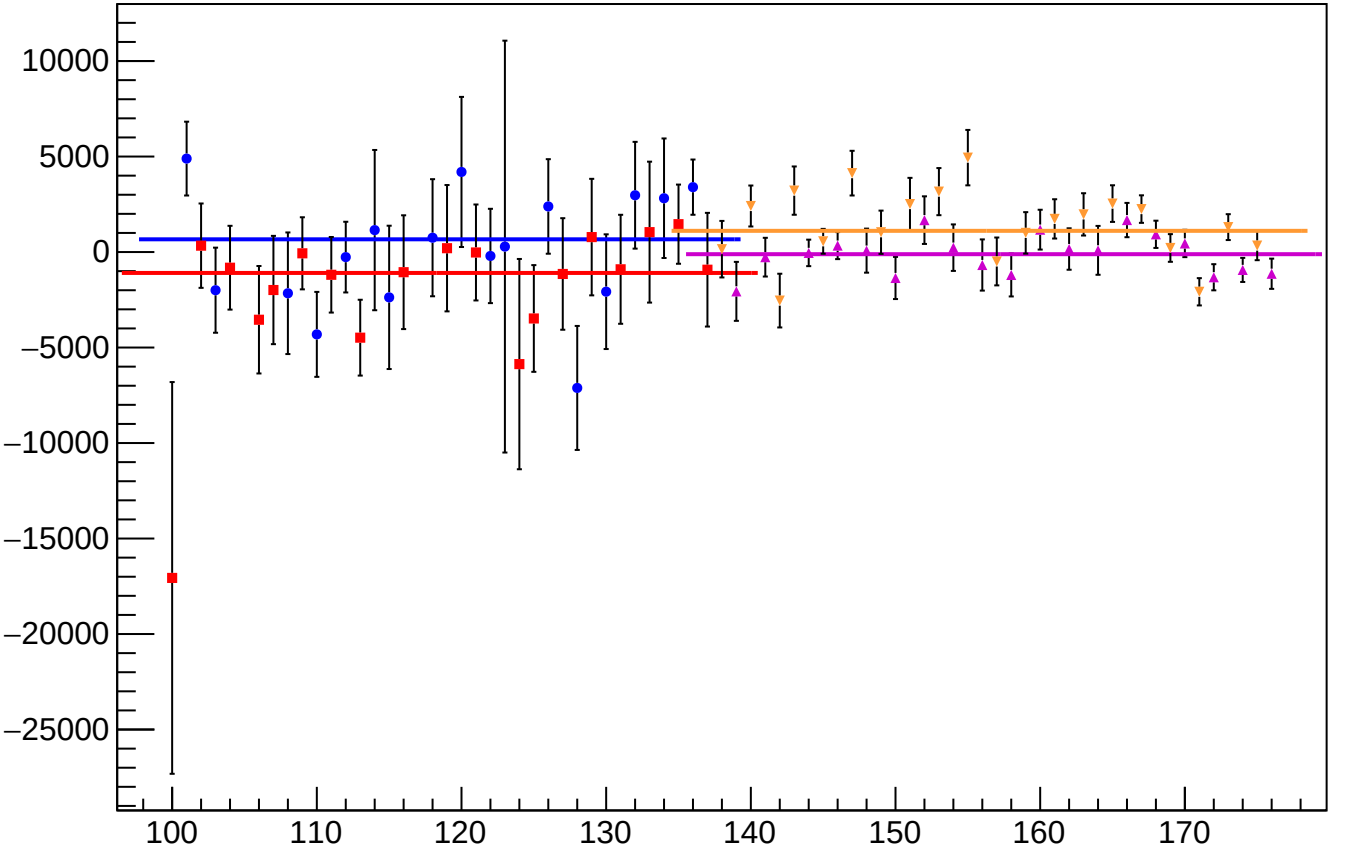
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 753.953+/-0.144 χ^2/NDF:2175598.7/18

Out: 783.774+/-0.149 χ^2/NDF:2245169.6/19

All: 768.325+/-0.103 χ^2/NDF: 4441529.4/38

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 1110.101+/-213.165 χ^2/NDF:59.5/19

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: -112.207+/-206.337 χ^2/NDF:21.4/18

Left: 479.056+/-148.258 χ^2/NDF: 97.9/38

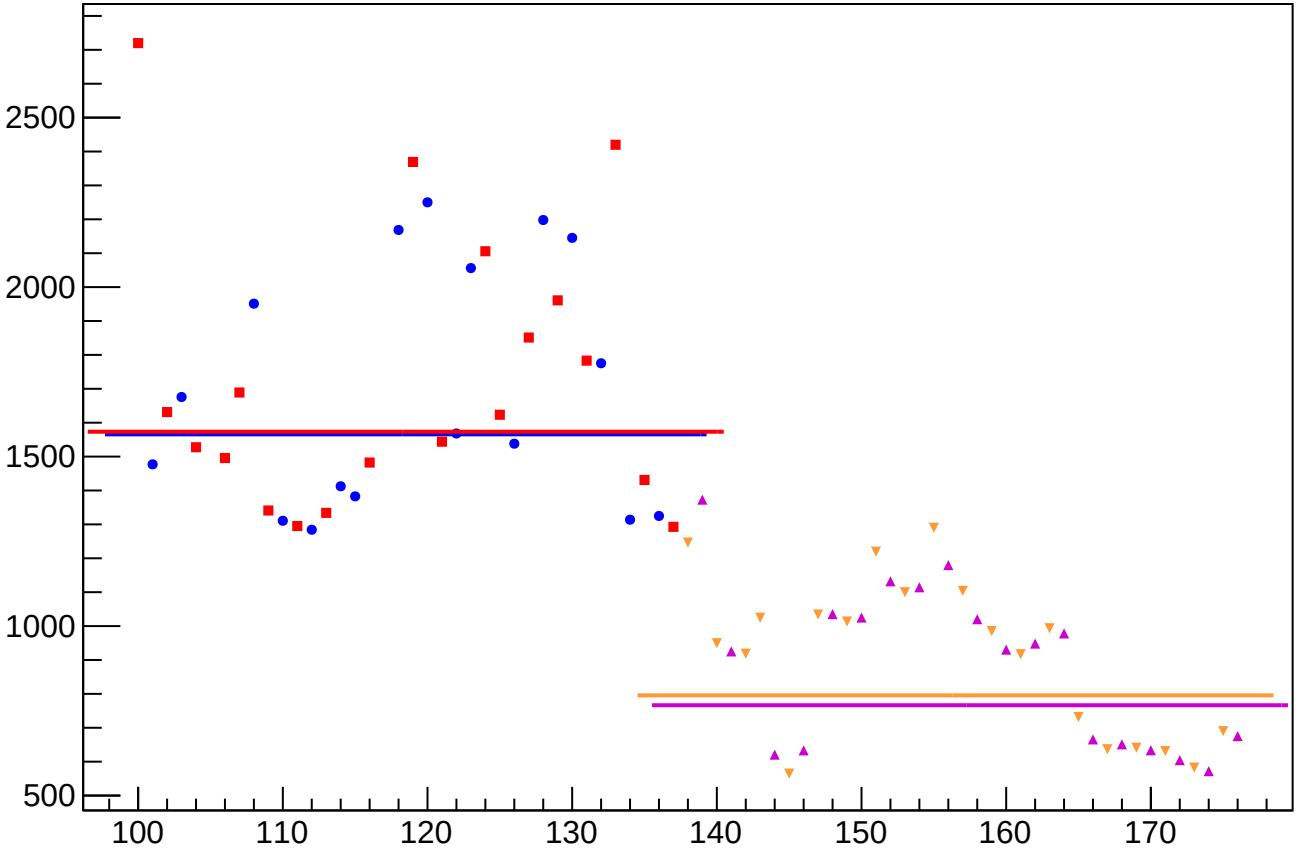
Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: -34.302+/-195.743 χ^2/NDF:48.4/35

Out: 864.965+/-200.964 χ^2/NDF:82.4/38

All: 403.499+/-140.221 χ^2/NDF: 141.1/74

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 795.608+/-0.151 χ^2/NDF:2075005.4/19

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 766.438+/-0.146 χ^2/NDF:1998833.6/18

Left: 780.548+/-0.105 χ^2/NDF: 4093174.4/38

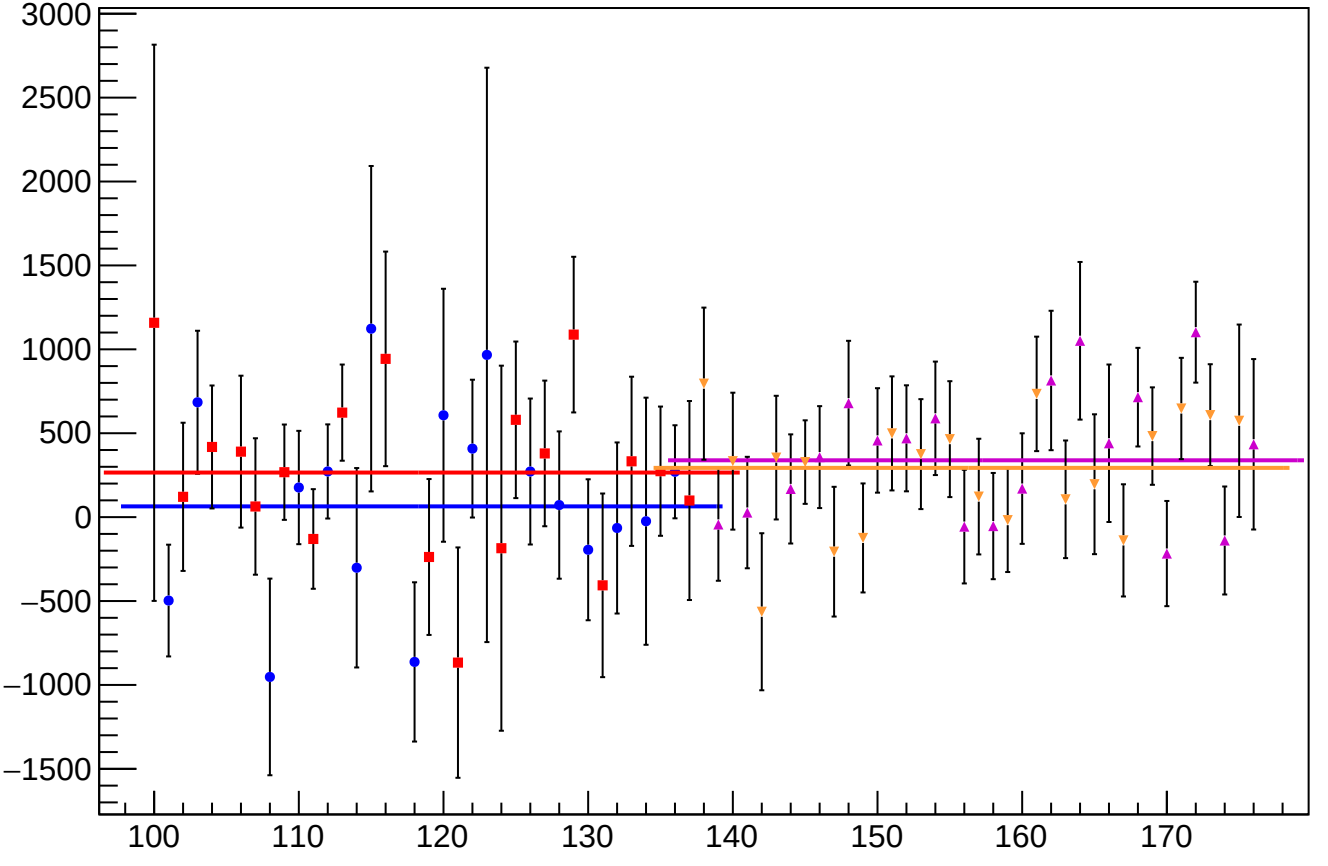
Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 846.396+/-0.138 χ^2/NDF:5491460.7/35

Out: 882.098+/-0.142 χ^2/NDF:5497821.7/38

All: 863.777+/-0.099 χ^2/NDF: 11021673.1/74

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 293.535+/-77.028 χ^2/NDF:16.7/19

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 338.706+/-78.157 χ^2/NDF:24.4/18

Left: 315.792+/-54.862 χ^2/NDF: 41.3/38

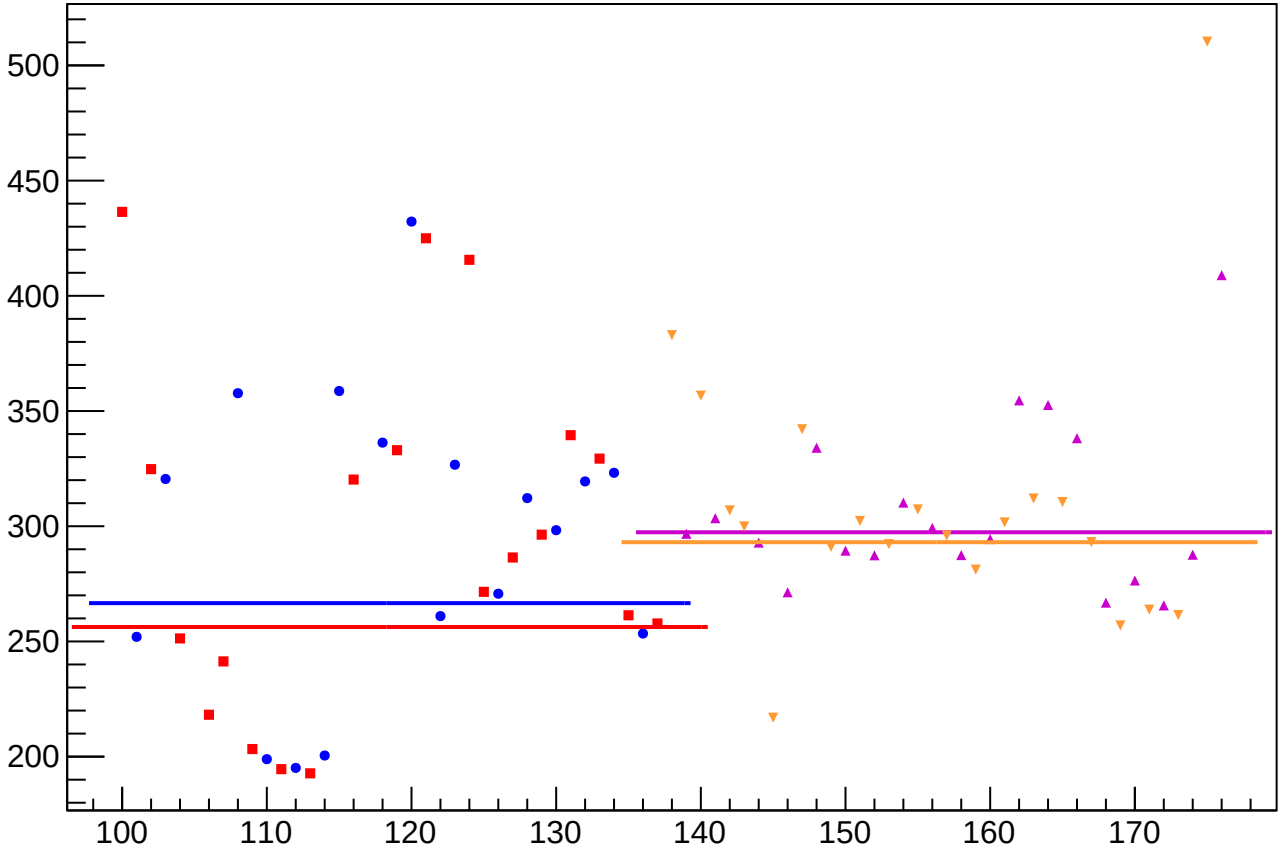
Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 241.200+/-62.767 χ^2/NDF:45.6/35

Out: 283.074+/-60.881 χ^2/NDF:31.4/38

All: 262.775+/-43.701 χ^2/NDF: 77.2/74

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 293.075+/-0.054 χ^2/NDF:726395.3/19

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 297.382+/-0.055 χ^2/NDF:275655.2/18

Left: 295.197+/-0.039 χ^2/NDF: 1005131.0/38

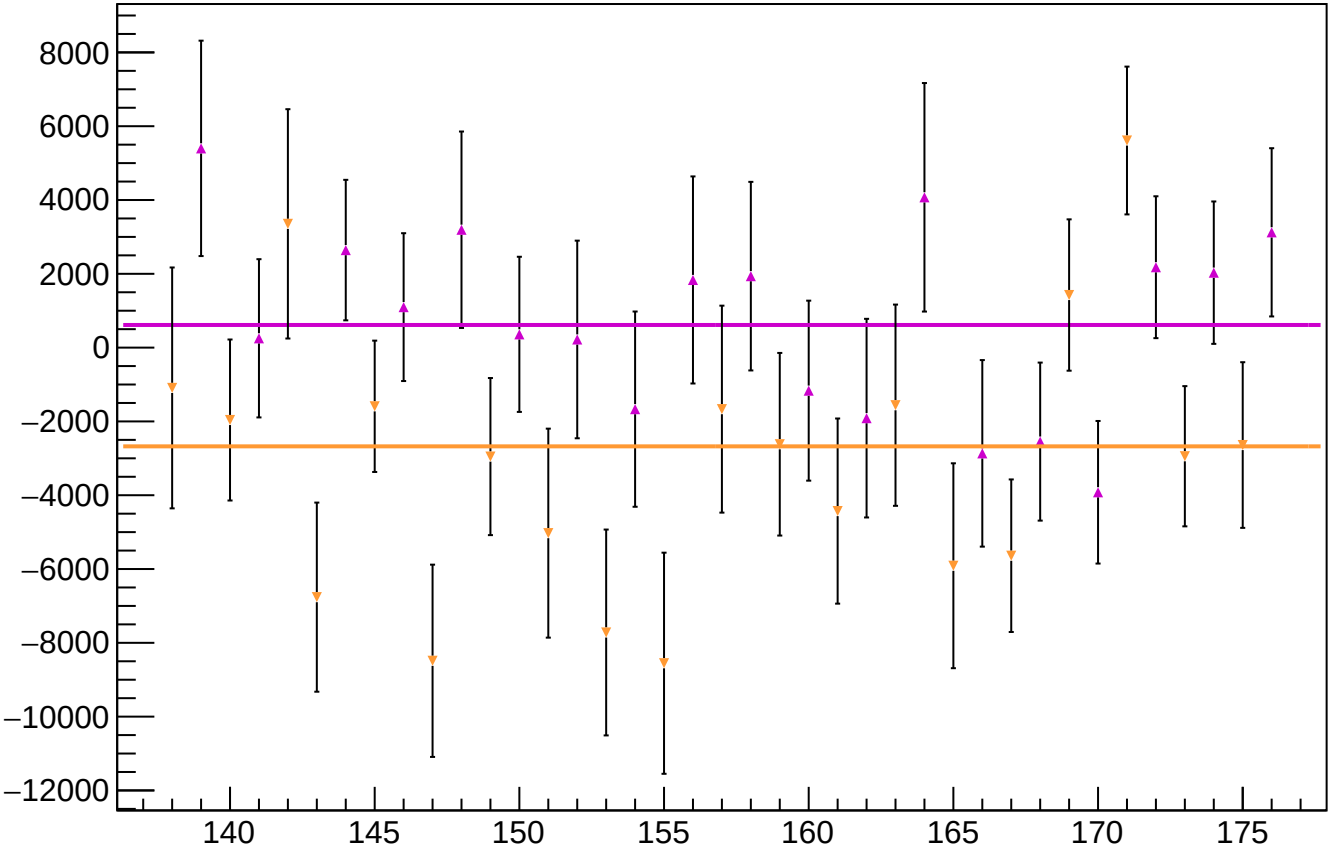
Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 286.461+/-0.044 χ^2/NDF:936384.3/35

Out: 279.262+/-0.043 χ^2/NDF:1594676.6/38

All: 282.752+/-0.031 χ^2/NDF: 2544618.9/74

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -2675.715+/-533.114 χ^2/NDF:45.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 613.542+/-528.905 χ^2/NDF:20.7/18

Left: -1018.053+/-375.472 χ^2/NDF: 85.1/38

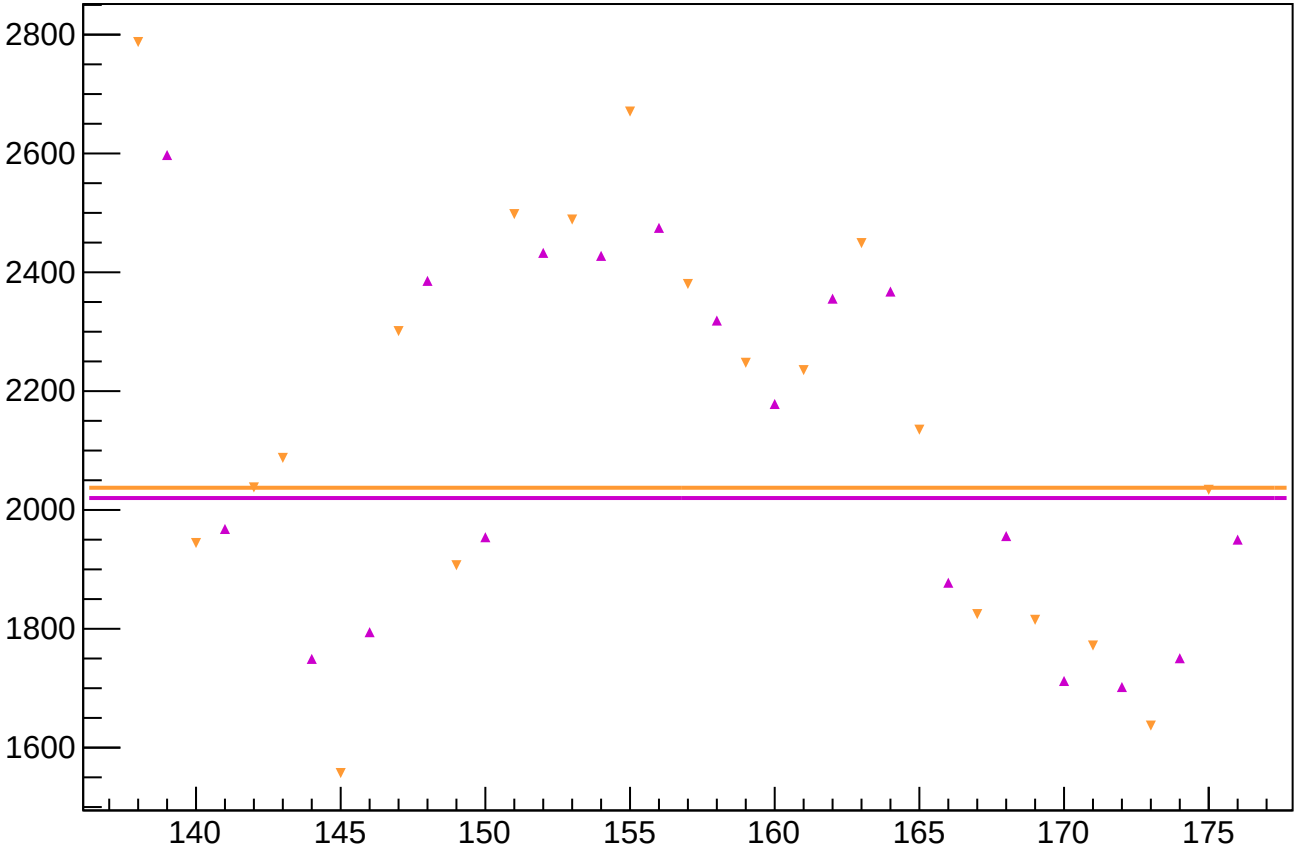
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 613.542+/-528.905 χ^2/NDF:20.7/18

Out: -2675.715+/-533.114 χ^2/NDF:45.2/19

All: -1018.053+/-375.472 χ^2/NDF: 85.1/38

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2037.393+/-0.377 χ^2/NDF:751757.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 2020.074+/-0.374 χ^2/NDF:579170.7/18

Left: 2028.665+/-0.265 χ^2/NDF: 1331992.0/38

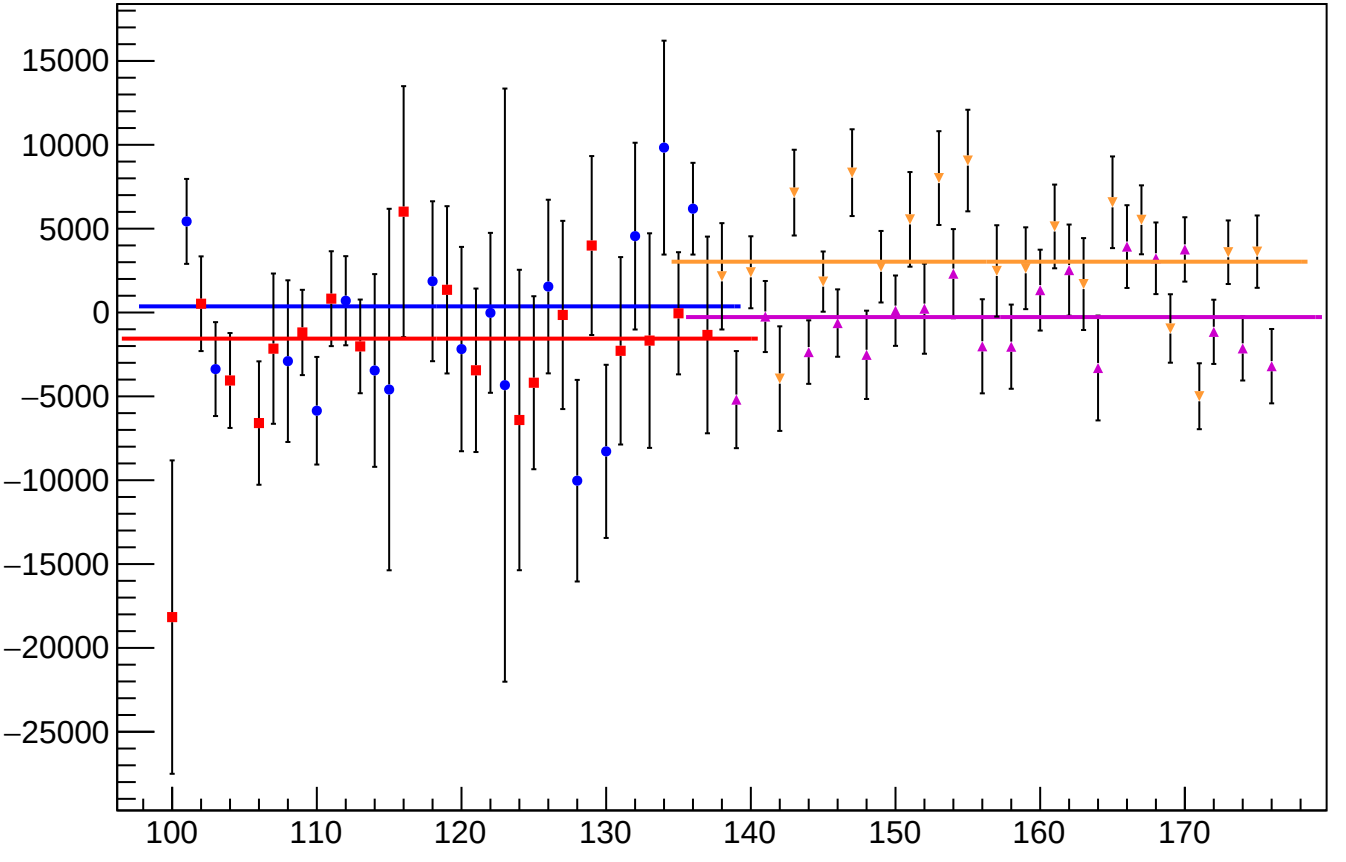
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2020.074+/-0.374 χ^2/NDF:579170.7/18

Out: 2037.393+/-0.377 χ^2/NDF:751757.5/19

All: 2028.665+/-0.265 χ^2/NDF: 1331992.0/38

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 3030.014+/-529.010 χ^2/NDF:45.2/19

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: -272.103+/-525.640 χ^2/NDF:22.1/18

Left: 1368.404+/-372.869 χ^2/NDF: 86.9/38

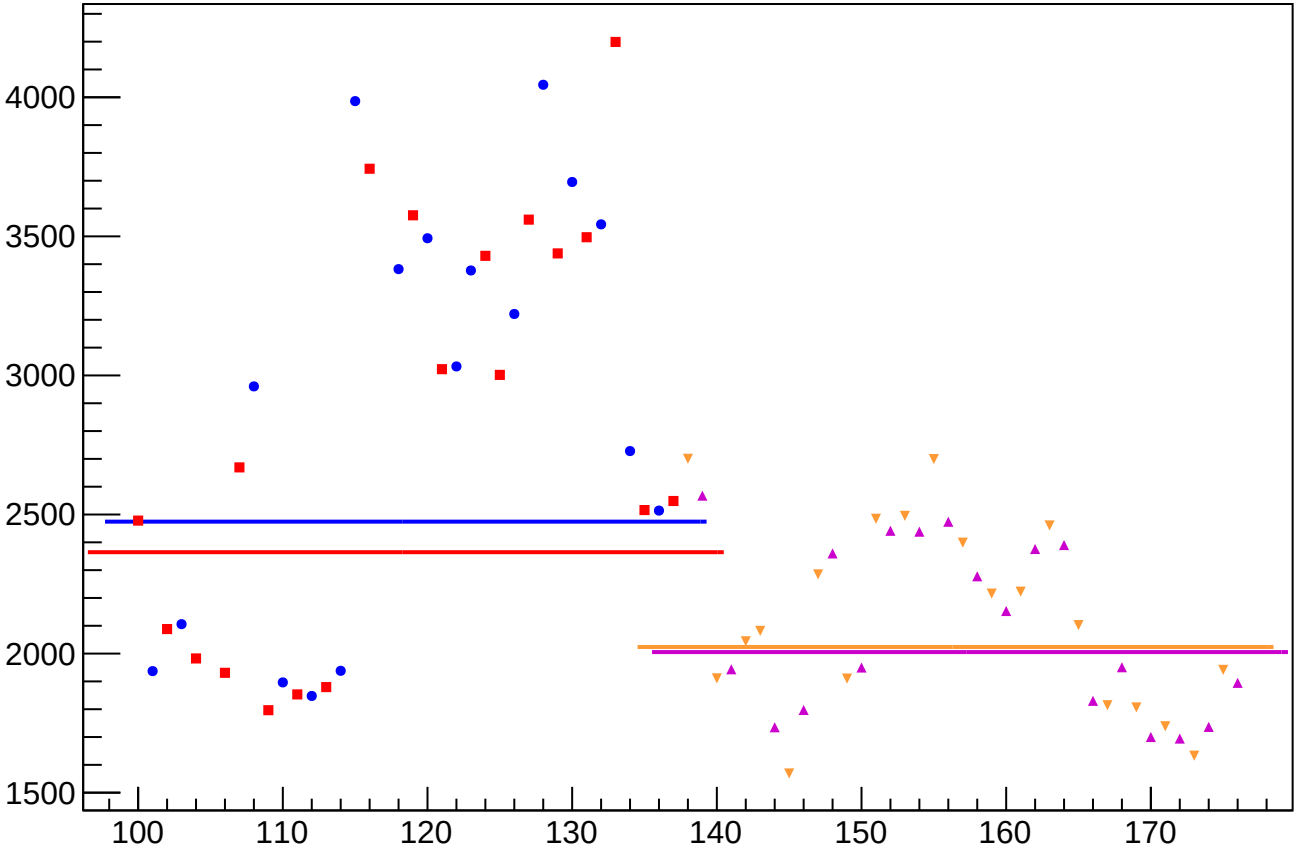
Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: -132.224+/-464.514 χ^2/NDF:46.6/35

Out: 1897.555+/-459.093 χ^2/NDF:74.3/38

All: 894.578+/-326.528 χ^2/NDF: 130.6/74

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2023.754+/-0.374 χ^2/NDF:750603.0/19

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2005.460+/-0.372 χ^2/NDF:596348.4/18

Left: 2014.549+/-0.264 χ^2/NDF: 1348155.0/38

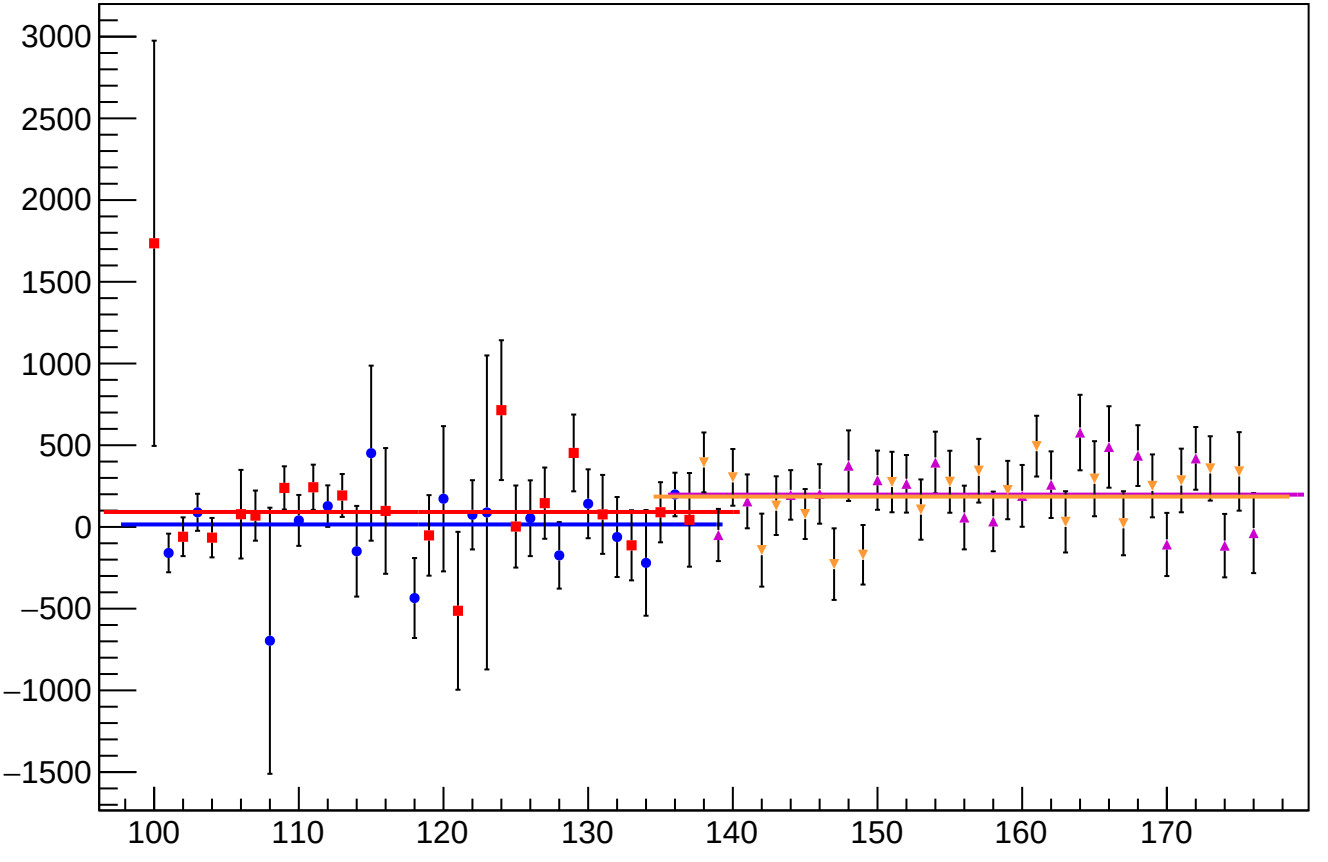
Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2108.181+/-0.328 χ^2/NDF:1851285.1/35

Out: 2107.873+/-0.325 χ^2/NDF:1978856.6/38

All: 2108.025+/-0.231 χ^2/NDF: 3830142.2/74

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 185.725+/-42.610 χ^2/NDF:19.1/19

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 197.745+/-43.380 χ^2/NDF:19.1/18

Left: 191.627+/-30.398 χ^2/NDF: 38.2/38

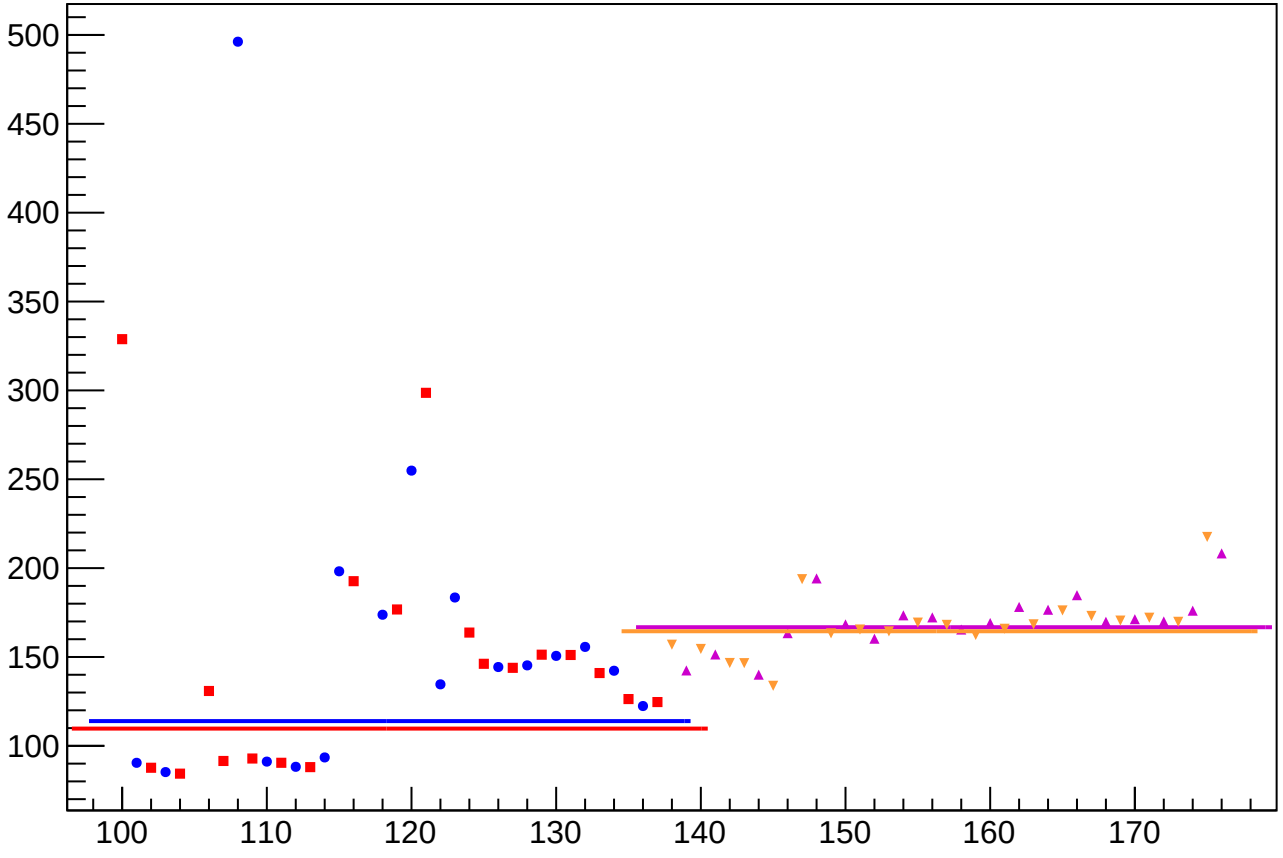
Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 112.739+/-31.702 χ^2/NDF:39.9/35

Out: 139.455+/-30.377 χ^2/NDF:37.2/38

All: 126.667+/-21.933 χ^2/NDF: 77.4/74

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 164.479+/-0.030 χ^2/NDF:275643.8/19

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 166.748+/-0.031 χ^2/NDF:250863.6/18

Left: 165.593+/-0.021 χ^2/NDF: 529290.9/38

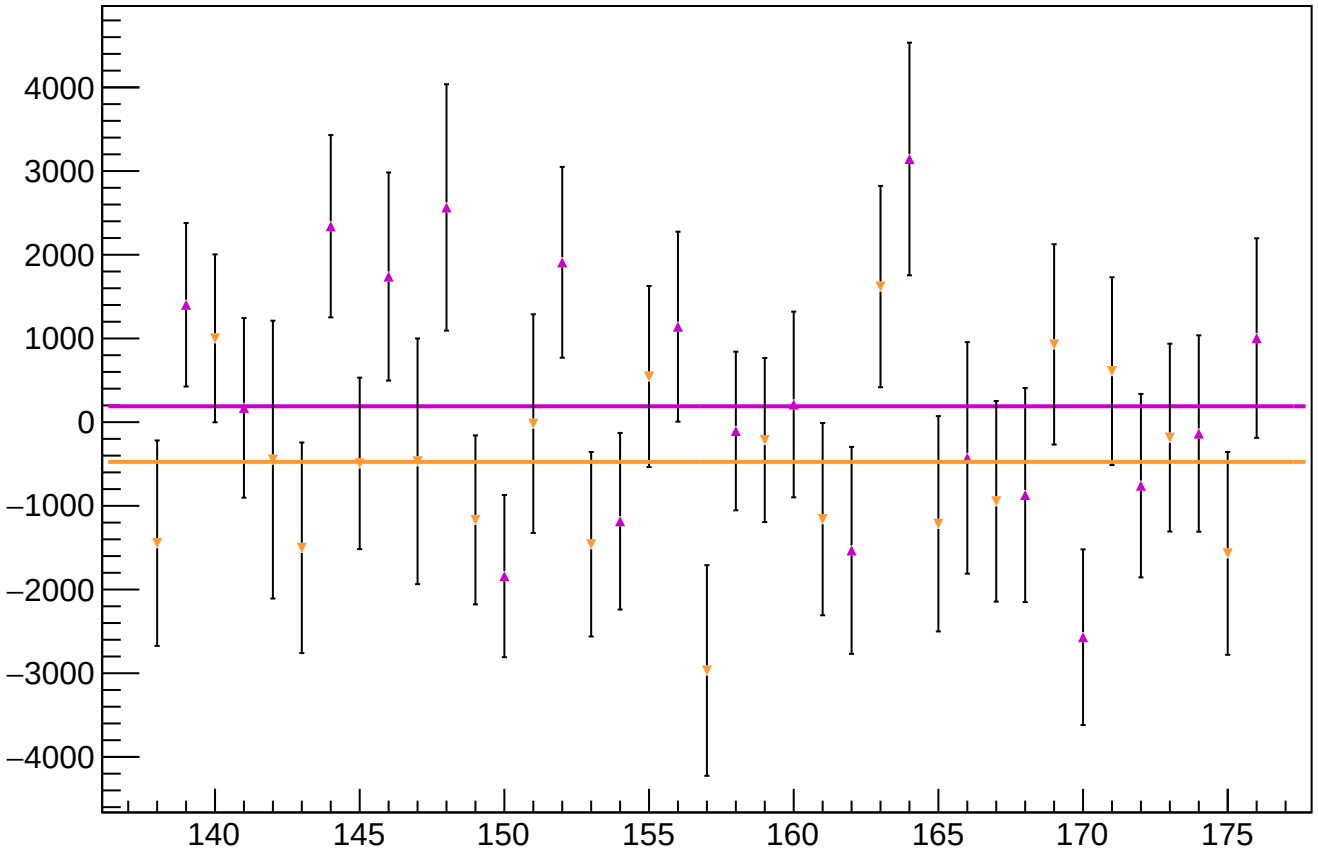
Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 142.139+/-0.022 χ^2/NDF:3040081.0/35

Out: 137.546+/-0.021 χ^2/NDF:3142623.0/38

All: 139.744+/-0.016 χ^2/NDF: 6204592.3/74

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -474.714+/-260.775 χ^2/NDF:16.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 189.518+/-260.127 χ^2/NDF:34.3/18

Left: -141.771+/-184.166 χ^2/NDF: 54.4/38

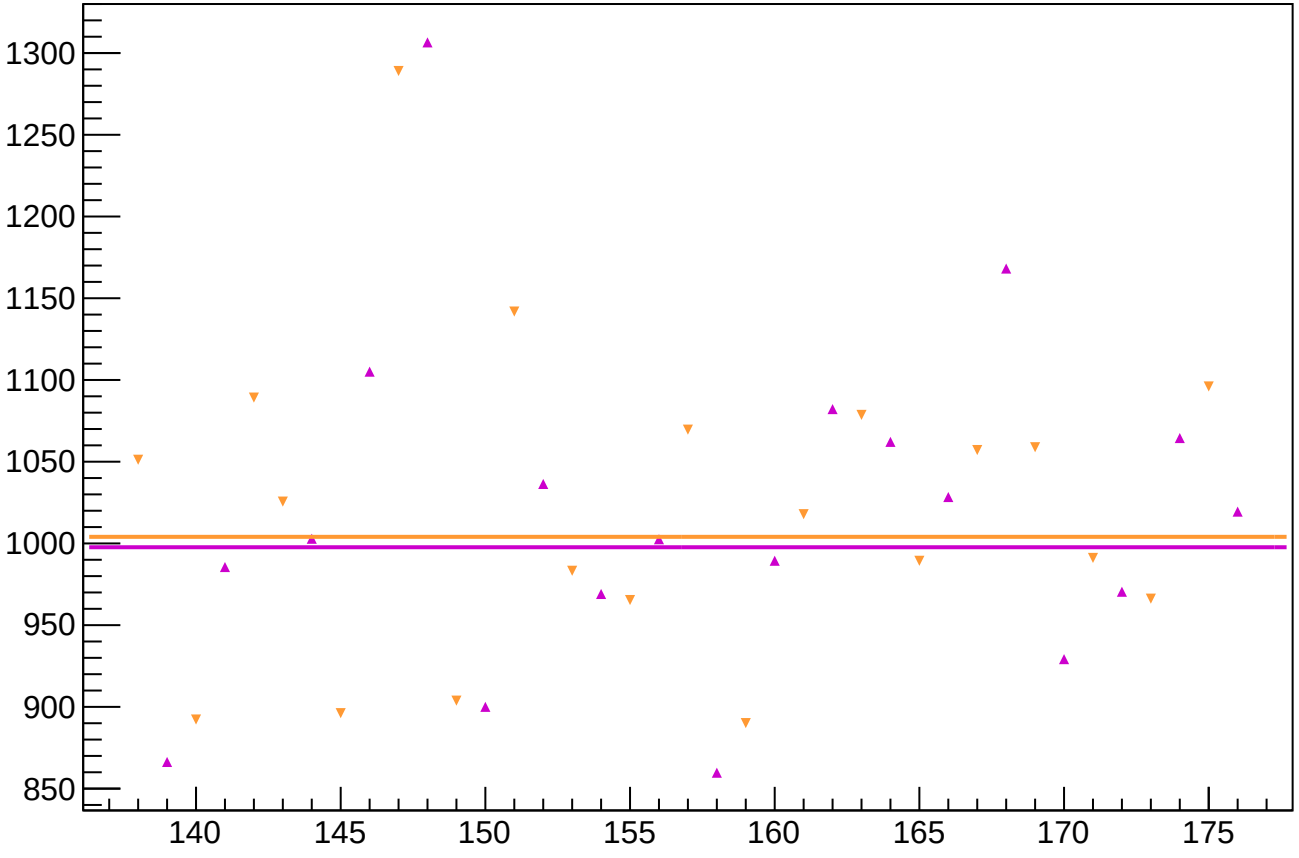
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 189.518+/-260.127 χ^2/NDF:34.3/18

Out: -474.714+/-260.775 χ^2/NDF:16.8/19

All: -141.771+/-184.166 χ^2/NDF: 54.4/38

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1004.034+/-0.184 χ^2/NDF:239373.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 997.666+/-0.184 χ^2/NDF:273088.2/18

Left: 1000.842+/-0.130 χ^2/NDF: 513059.8/38

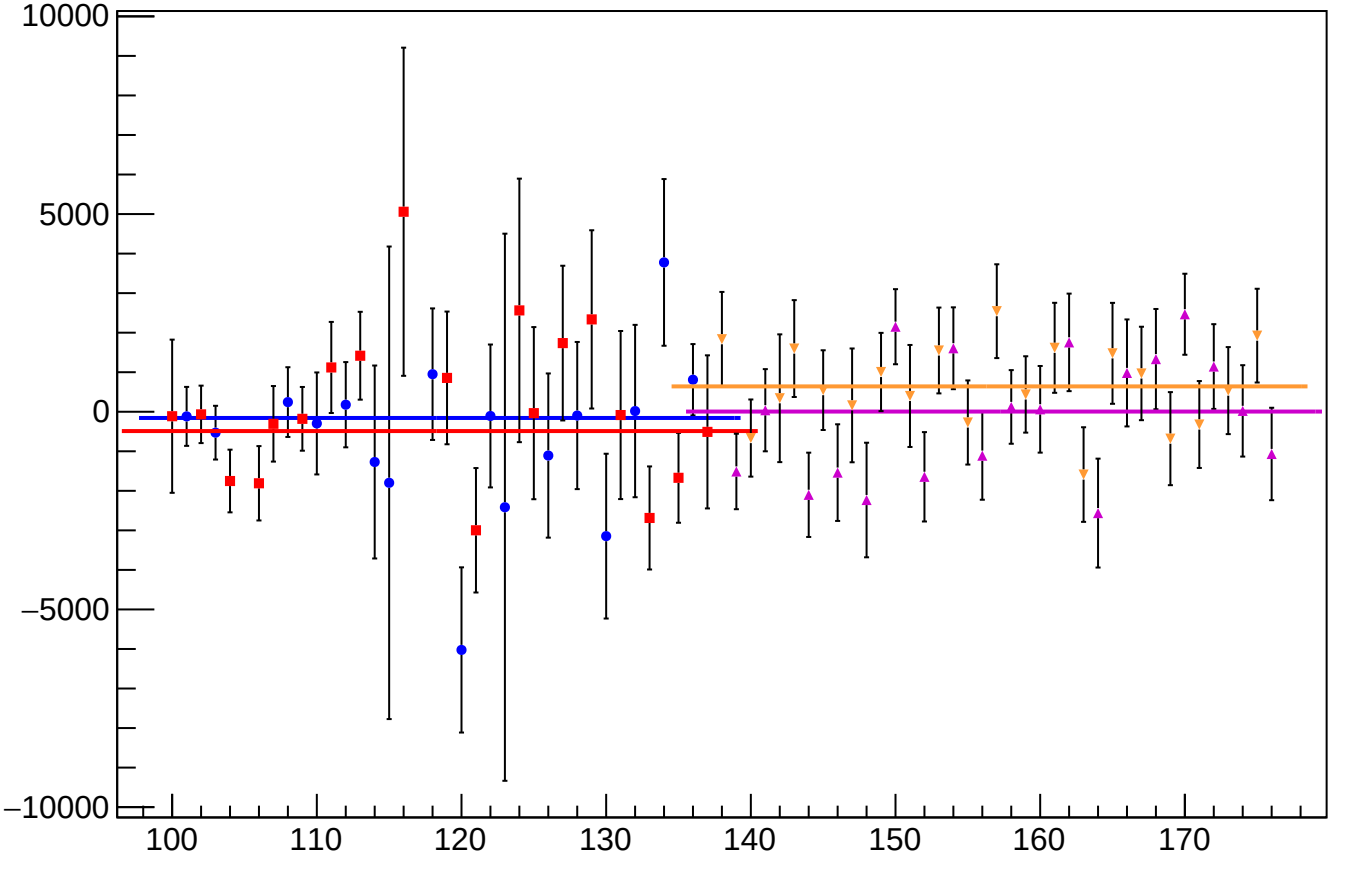
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 997.666+/-0.184 χ^2/NDF:273088.2/18

Out: 1004.034+/-0.184 χ^2/NDF:239373.9/19

All: 1000.842+/-0.130 χ^2/NDF: 513059.8/38

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 641.301+/-255.734 χ^2/NDF:15.7/19

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: 4.943+/-255.468 χ^2/NDF:35.9/18

Left: 322.791+/-180.737 χ^2/NDF: 54.7/38

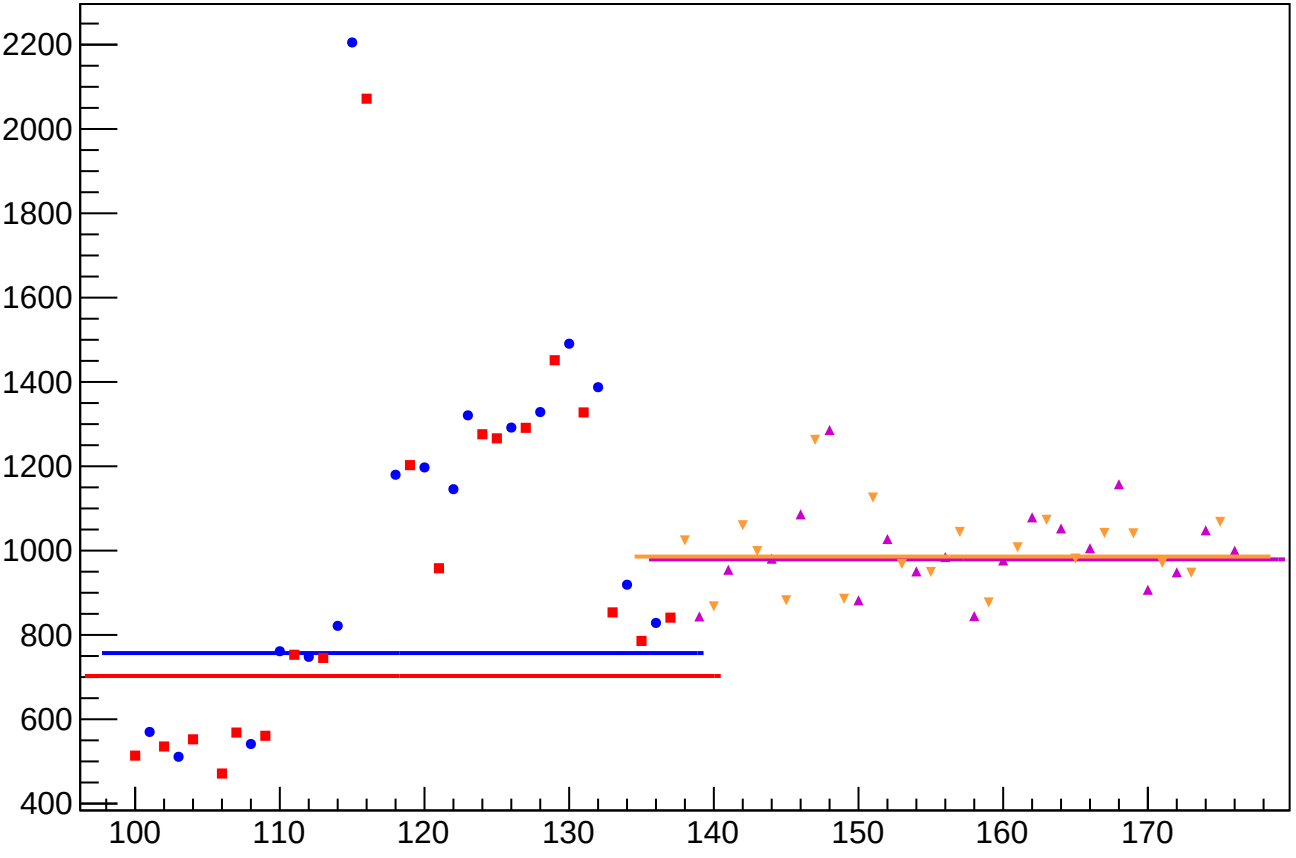
Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -60.001+/-197.787 χ^2/NDF:52.3/35

Out: 132.921+/-189.667 χ^2/NDF:47.1/38

All: 40.501+/-136.896 χ^2/NDF: 99.9/74

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 985.905+/-0.181 χ^2/NDF:240846.7/19

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 979.191+/-0.181 χ^2/NDF:292419.4/18

Left: 982.545+/-0.128 χ^2/NDF: 533956.1/38

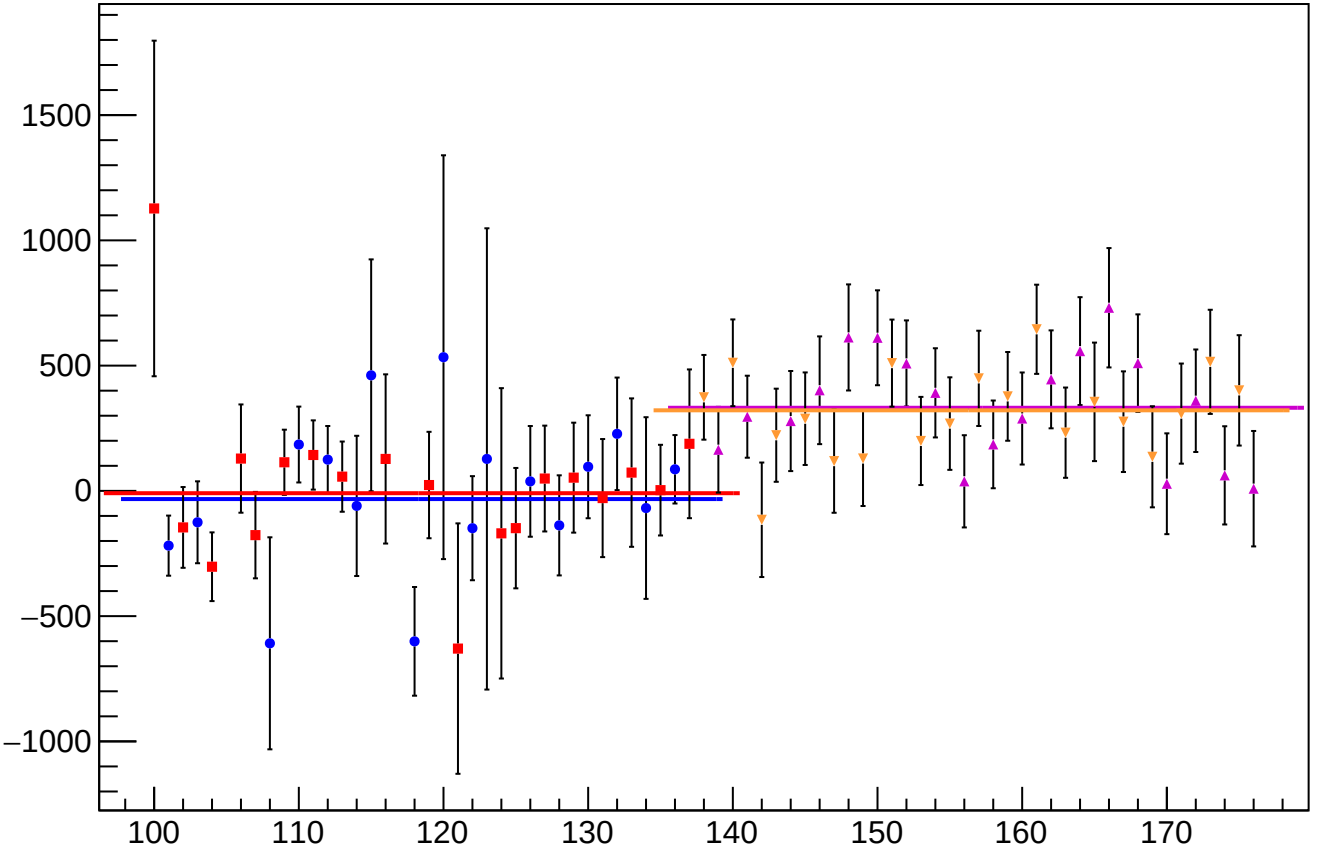
Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 890.178+/-0.140 χ^2/NDF:2609839.9/35

Out: 858.460+/-0.134 χ^2/NDF:3034368.7/38

All: 873.655+/-0.097 χ^2/NDF: 5671002.5/74

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 321.591+/-42.653 χ^2/NDF:15.0/19

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 331.744+/-44.253 χ^2/NDF:20.8/18

Left: 326.481+/-30.710 χ^2/NDF: 35.9/38

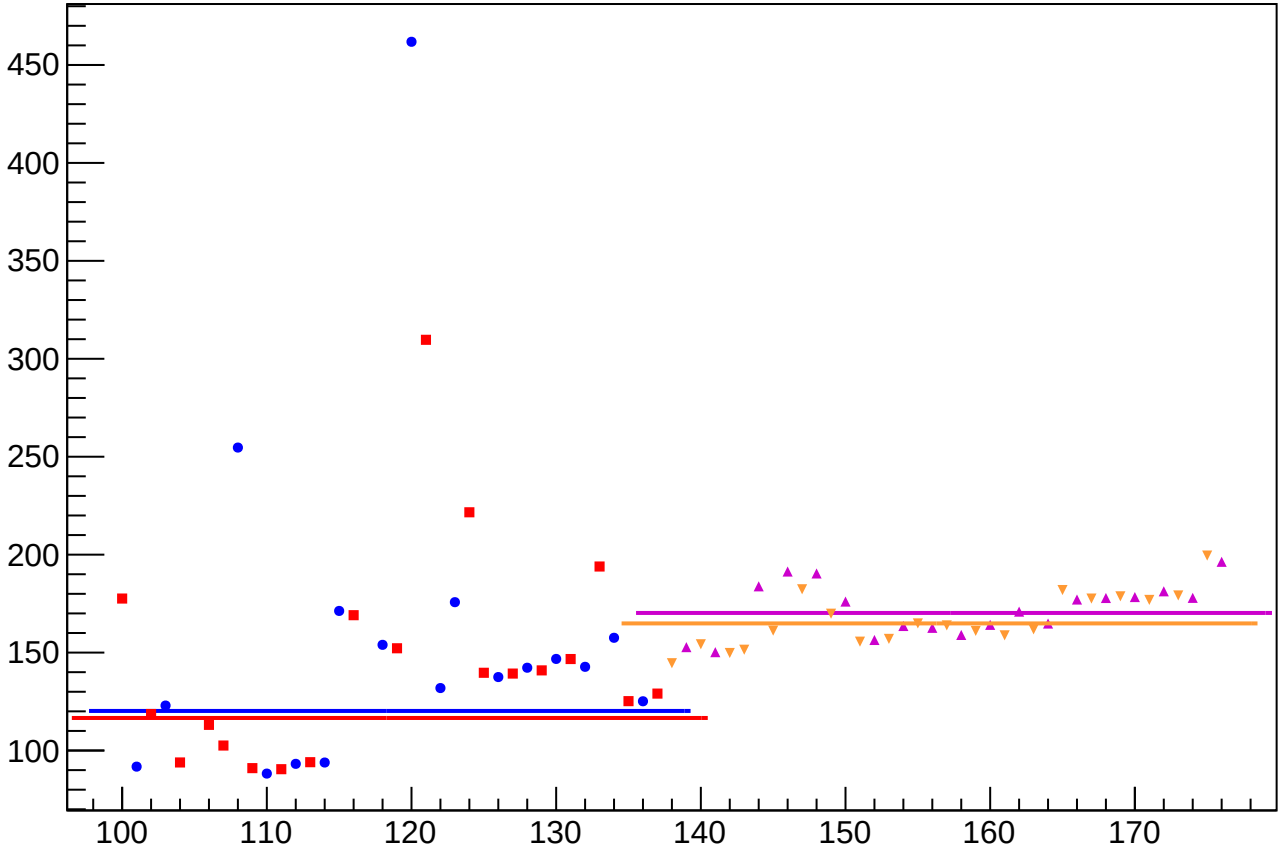
Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 165.921+/-32.669 χ^2/NDF:71.4/35

Out: 167.193+/-31.150 χ^2/NDF:57.8/38

All: 166.587+/-22.544 χ^2/NDF: 129.2/74

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 164.895+/-0.030 χ^2/NDF:179603.9/19

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 170.238+/-0.031 χ^2/NDF:172709.0/18

Left: 167.468+/-0.022 χ^2/NDF: 367423.9/38

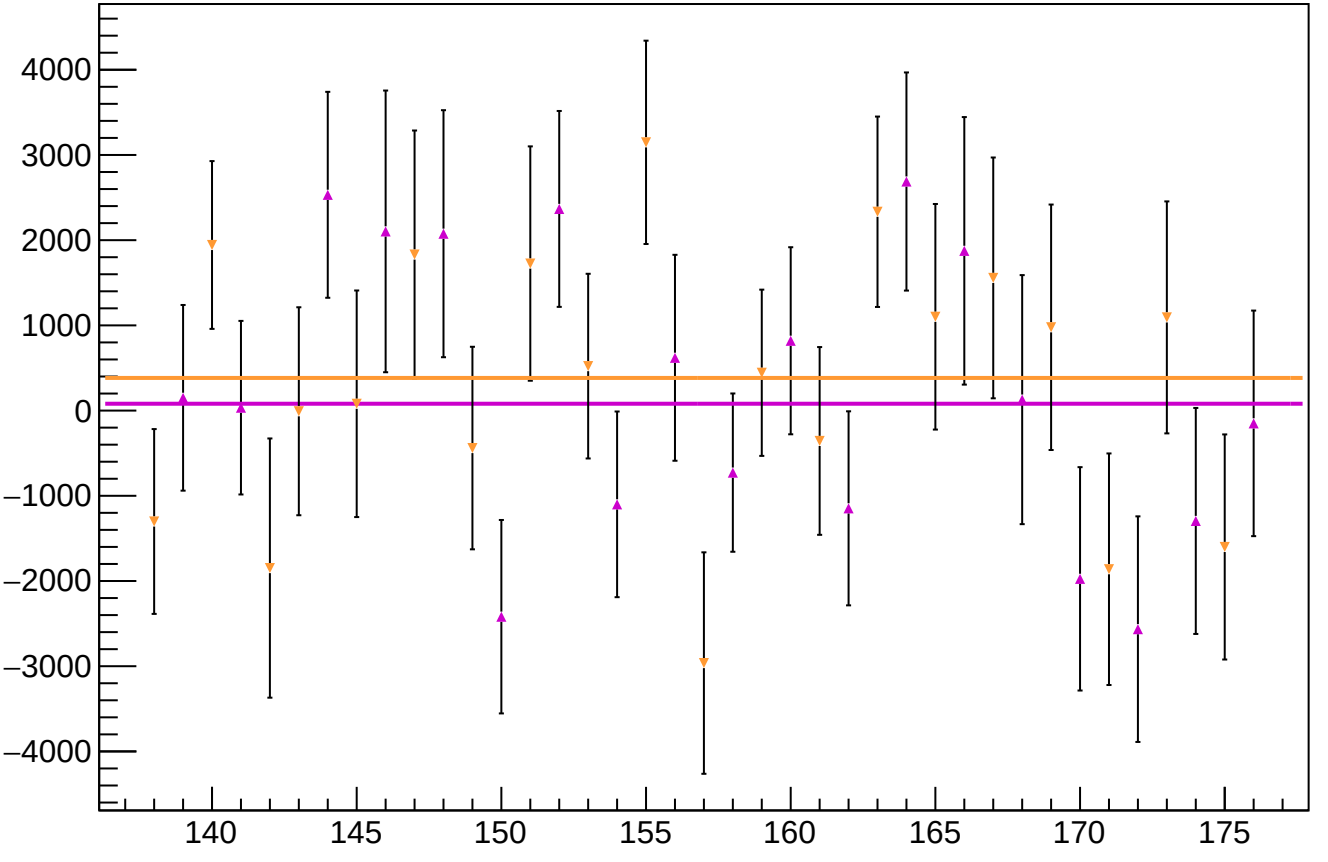
Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 147.473+/-0.023 χ^2/NDF:2398223.2/35

Out: 142.367+/-0.022 χ^2/NDF:2373228.5/38

All: 144.799+/-0.016 χ^2/NDF: 4797044.8/74

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 383.221+/-274.317 χ^2/NDF:31.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 80.465+/-278.106 χ^2/NDF:33.1/18

Left: 233.920+/-195.297 χ^2/NDF: 65.3/38

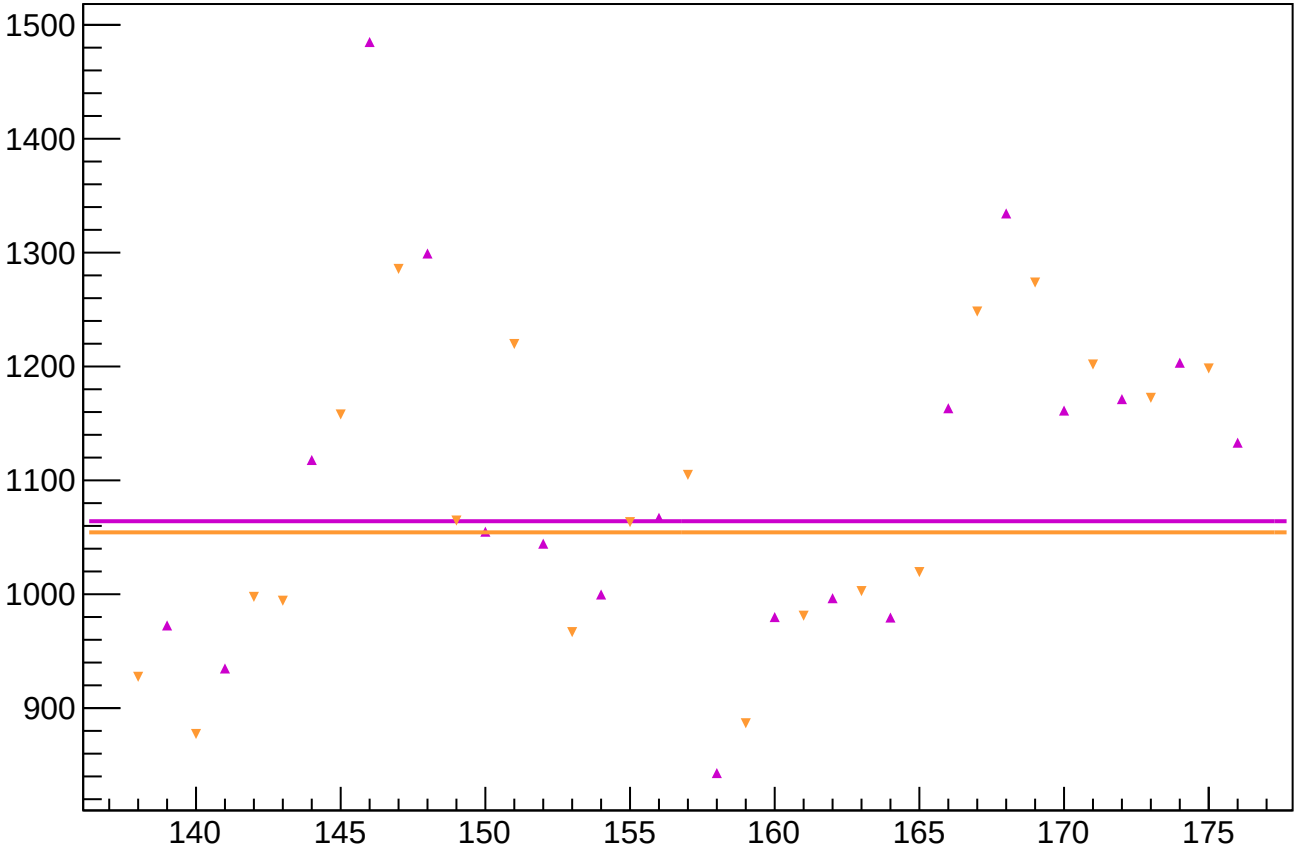
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 80.465+/-278.106 χ^2/NDF:33.1/18

Out: 383.221+/-274.317 χ^2/NDF:31.6/19

All: 233.920+/-195.297 χ^2/NDF: 65.3/38

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1054.346+/-0.194 χ^2/NDF:427562.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1064.124+/-0.197 χ^2/NDF:509164.5/18

Left: 1059.168+/-0.138 χ^2/NDF: 937980.1/38

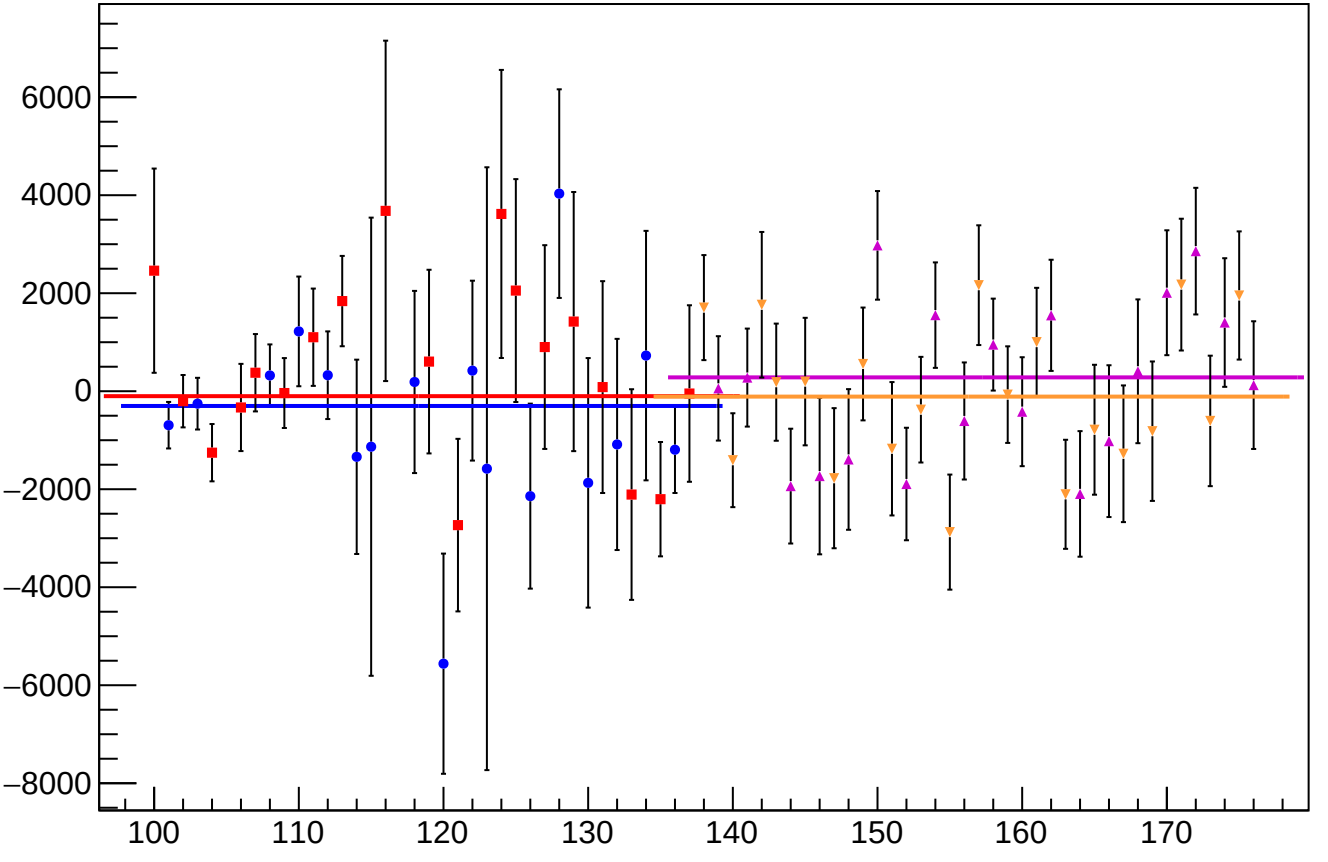
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1064.124+/-0.197 χ^2/NDF:509164.5/18

Out: 1054.346+/-0.194 χ^2/NDF:427562.3/19

All: 1059.168+/-0.138 χ^2/NDF: 937980.1/38

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: -109.950+/-270.429 χ^2/NDF:28.7/19

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: 282.435+/-275.010 χ^2/NDF:30.9/18

Left: 82.947+/-192.821 χ^2/NDF: 60.7/38

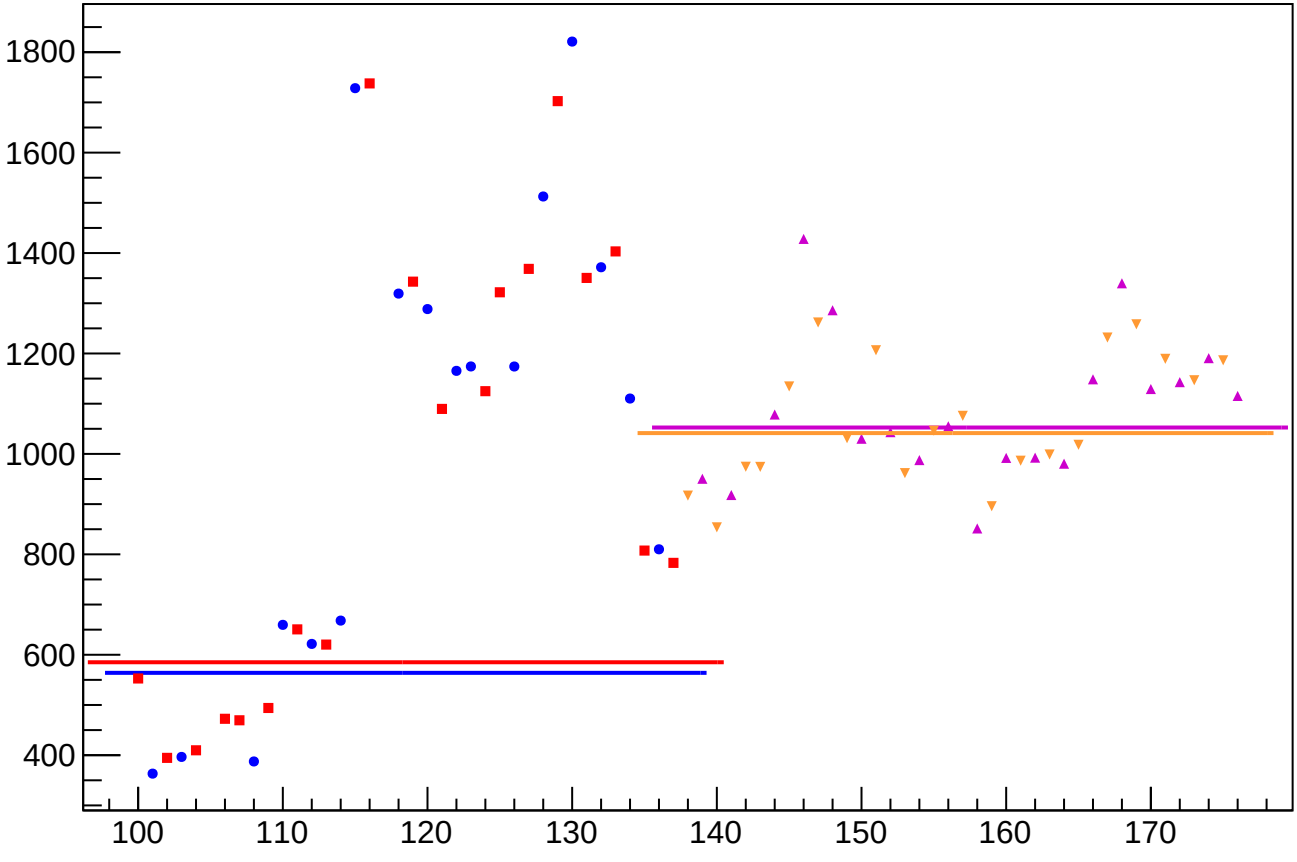
Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -36.963+/-185.005 χ^2/NDF:50.2/35

Out: -104.974+/-181.965 χ^2/NDF:51.3/38

All: -71.532+/-129.730 χ^2/NDF: 101.5/74

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1041.446+/-0.191 χ^2/NDF:410962.8/19

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1052.553+/-0.194 χ^2/NDF:465063.5/18

Left: 1046.906+/-0.136 χ^2/NDF: 877684.9/38

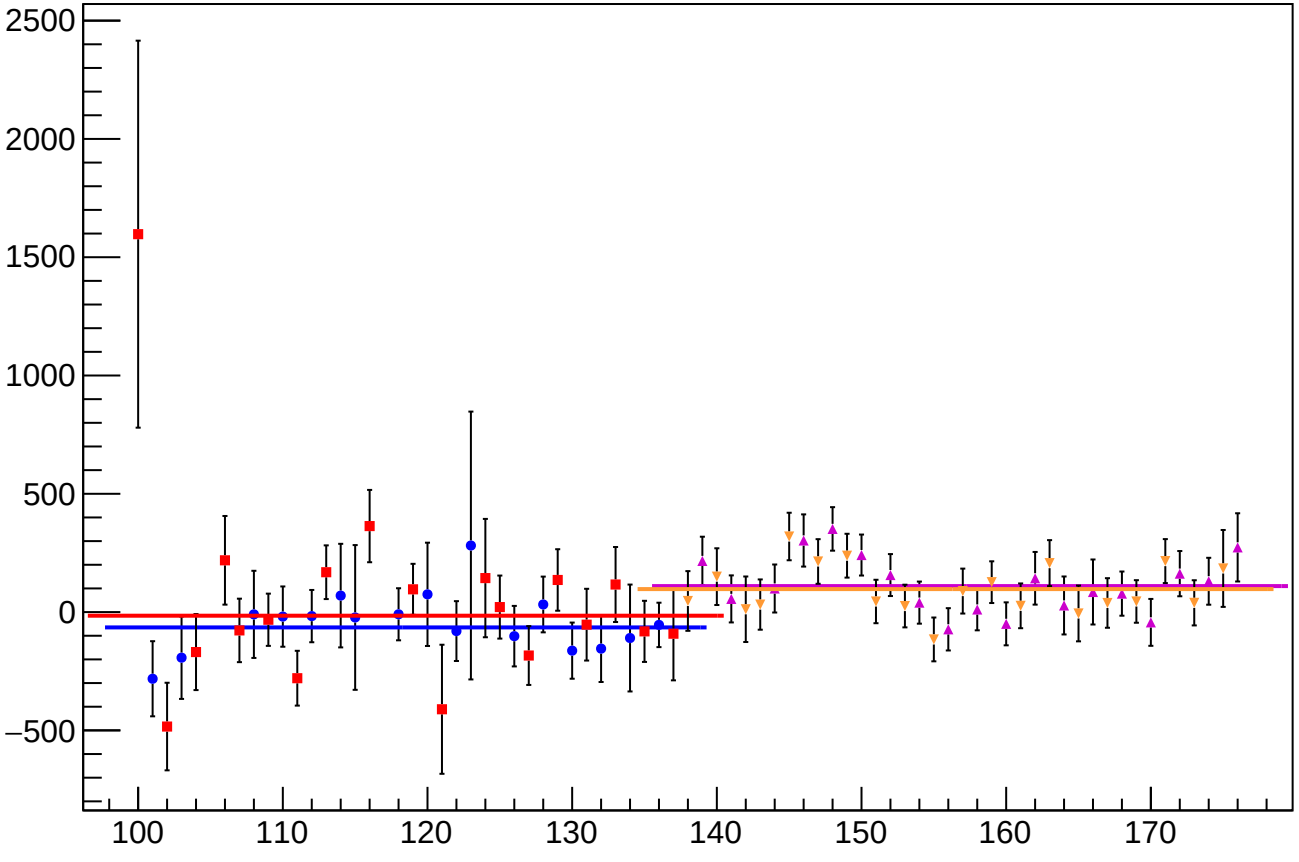
Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 785.099+/-0.131 χ^2/NDF:7181902.6/35

Out: 791.700+/-0.129 χ^2/NDF:6348859.2/38

All: 788.454+/-0.092 χ^2/NDF: 13532055.9/74

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 97.204+/-22.550 χ^2/NDF:21.7/19

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 109.895+/-22.749 χ^2/NDF:27.8/18

Left: 103.494+/-16.015 χ^2/NDF: 49.7/38

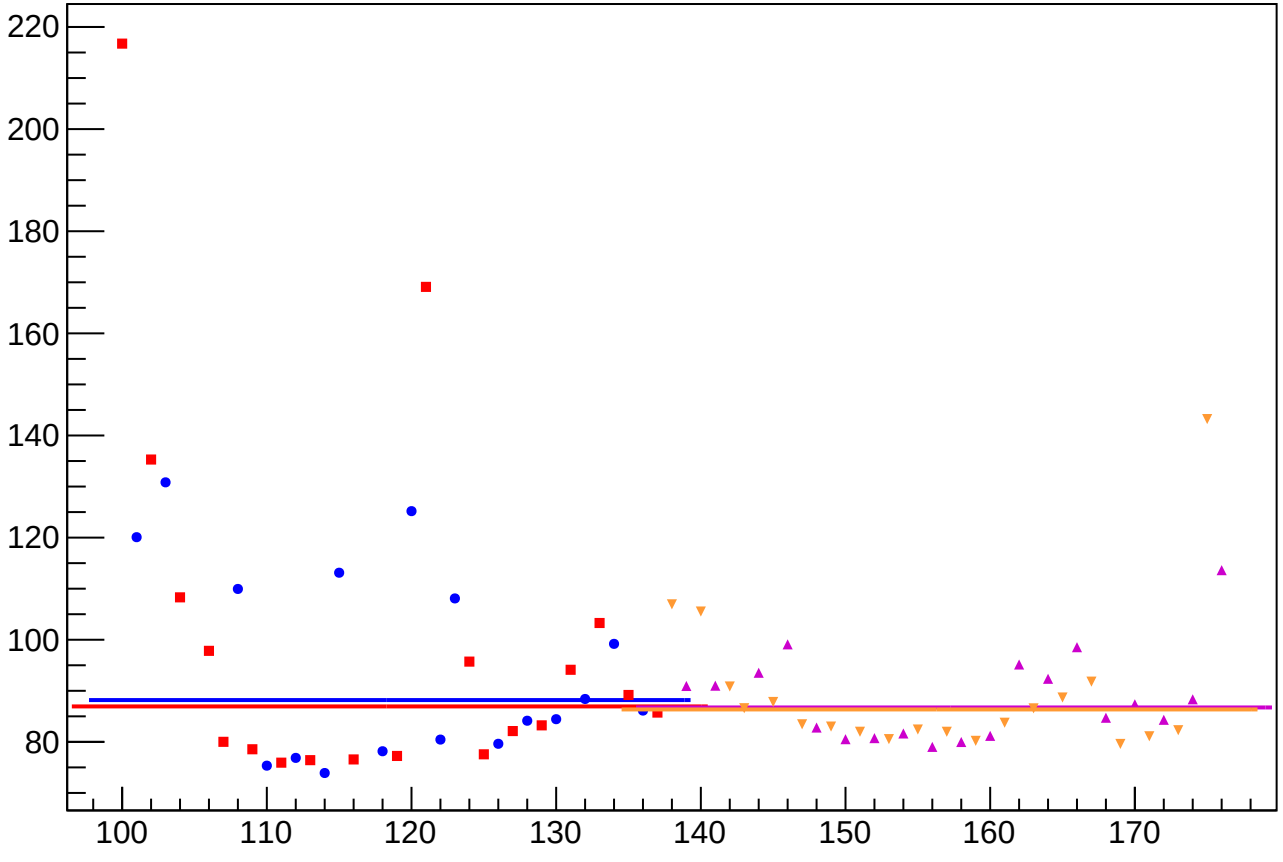
Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: 57.234+/-19.013 χ^2/NDF:51.7/35

Out: 62.012+/-18.693 χ^2/NDF:64.5/38

All: 59.664+/-13.330 χ^2/NDF: 116.3/74

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 86.352+/-0.016 χ^2/NDF:415720.7/19

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 86.739+/-0.016 χ^2/NDF:207746.9/18

Left: 86.544+/-0.011 χ^2/NDF: 623759.7/38

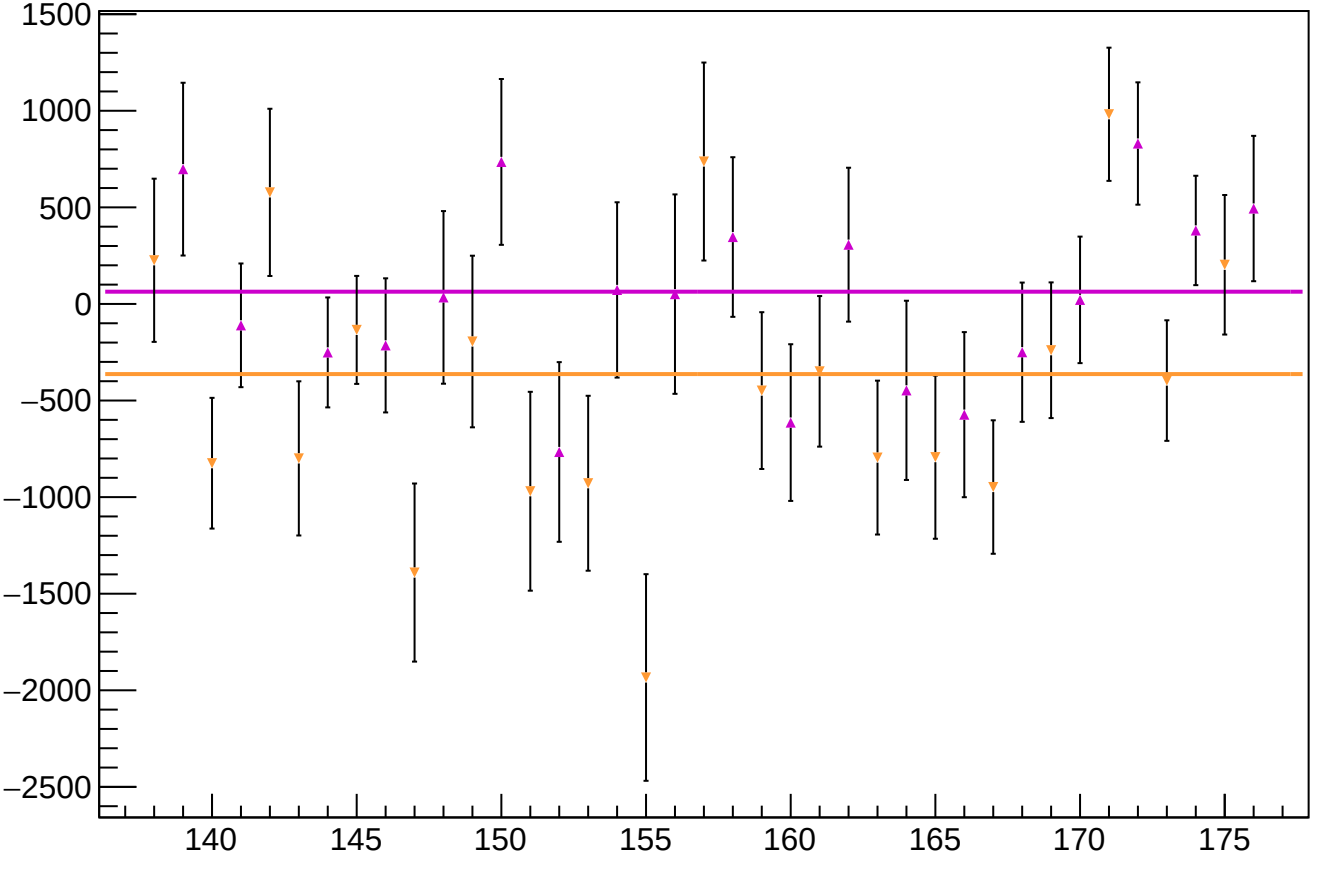
Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 87.175+/-0.013 χ^2/NDF:604633.1/35

Out: 86.537+/-0.013 χ^2/NDF:947509.9/38

All: 86.851+/-0.009 χ^2/NDF: 1553289.7/74

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -363.054+/-87.080 χ^2/NDF:54.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 63.422+/-86.397 χ^2/NDF:26.1/18

Left: -148.138+/-61.332 χ^2/NDF: 92.8/38

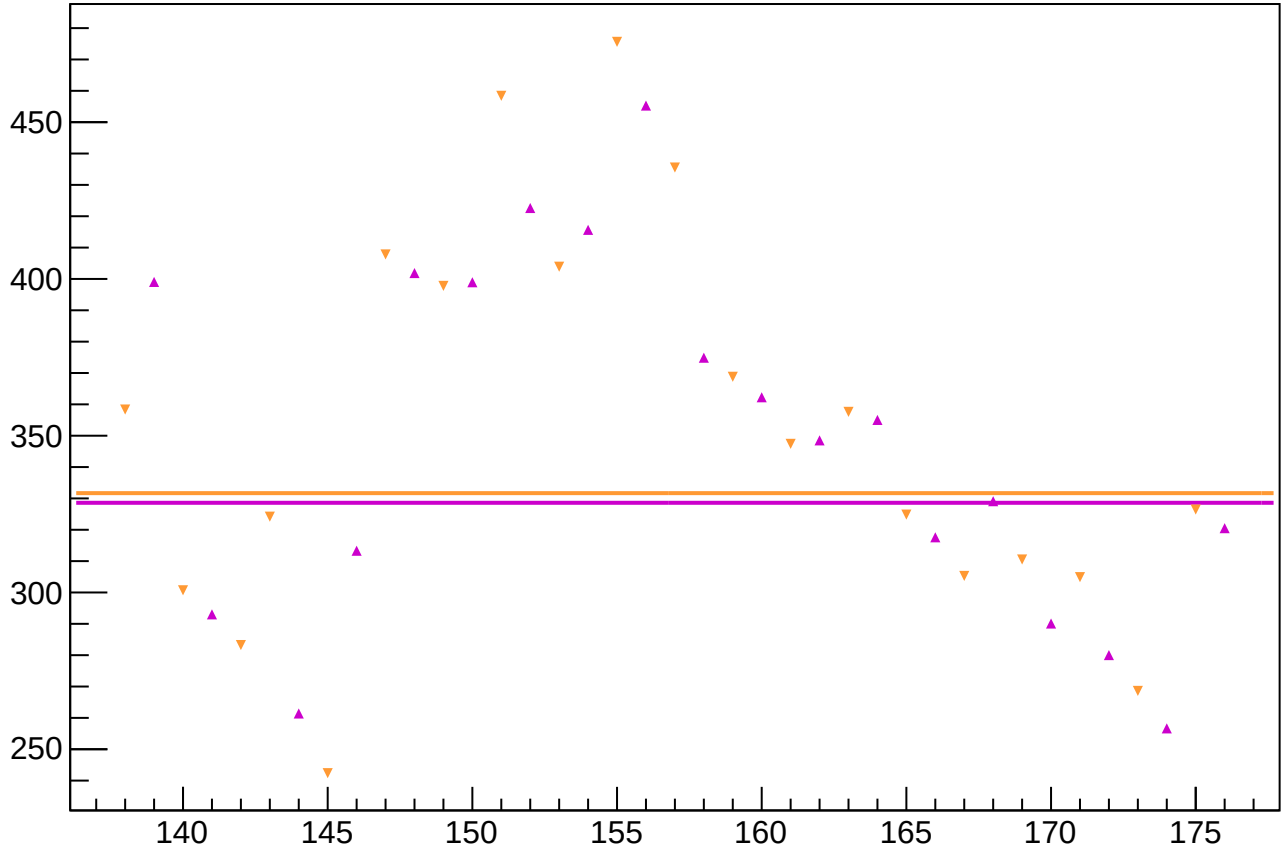
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 63.422+/-86.397 χ^2/NDF:26.1/18

Out: -363.054+/-87.080 χ^2/NDF:54.6/19

All: -148.138+/-61.332 χ^2/NDF: 92.8/38

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 331.683+/-0.062 χ^2/NDF:894792.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 328.604+/-0.061 χ^2/NDF:829551.4/18

Left: 330.131+/-0.043 χ^2/NDF: 1725604.3/38

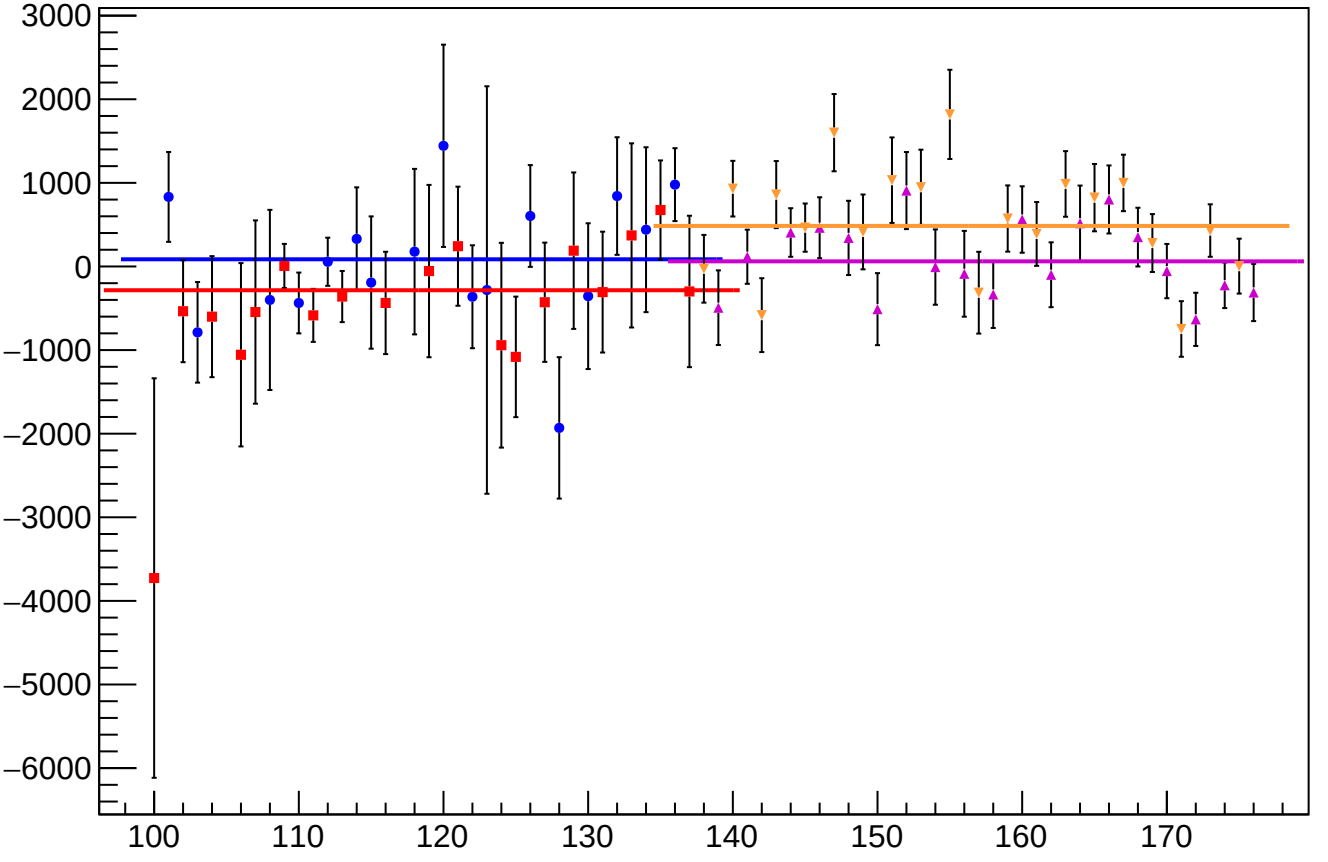
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 328.604+/-0.061 χ^2/NDF:829551.4/18

Out: 331.683+/-0.062 χ^2/NDF:894792.3/19

All: 330.131+/-0.043 χ^2/NDF: 1725604.3/38

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 484.983+/-85.714 χ^2/NDF:48.1/19

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 61.176+/-85.295 χ^2/NDF:24.8/18

Left: 272.041+/-60.460 χ^2/NDF: 85.2/38

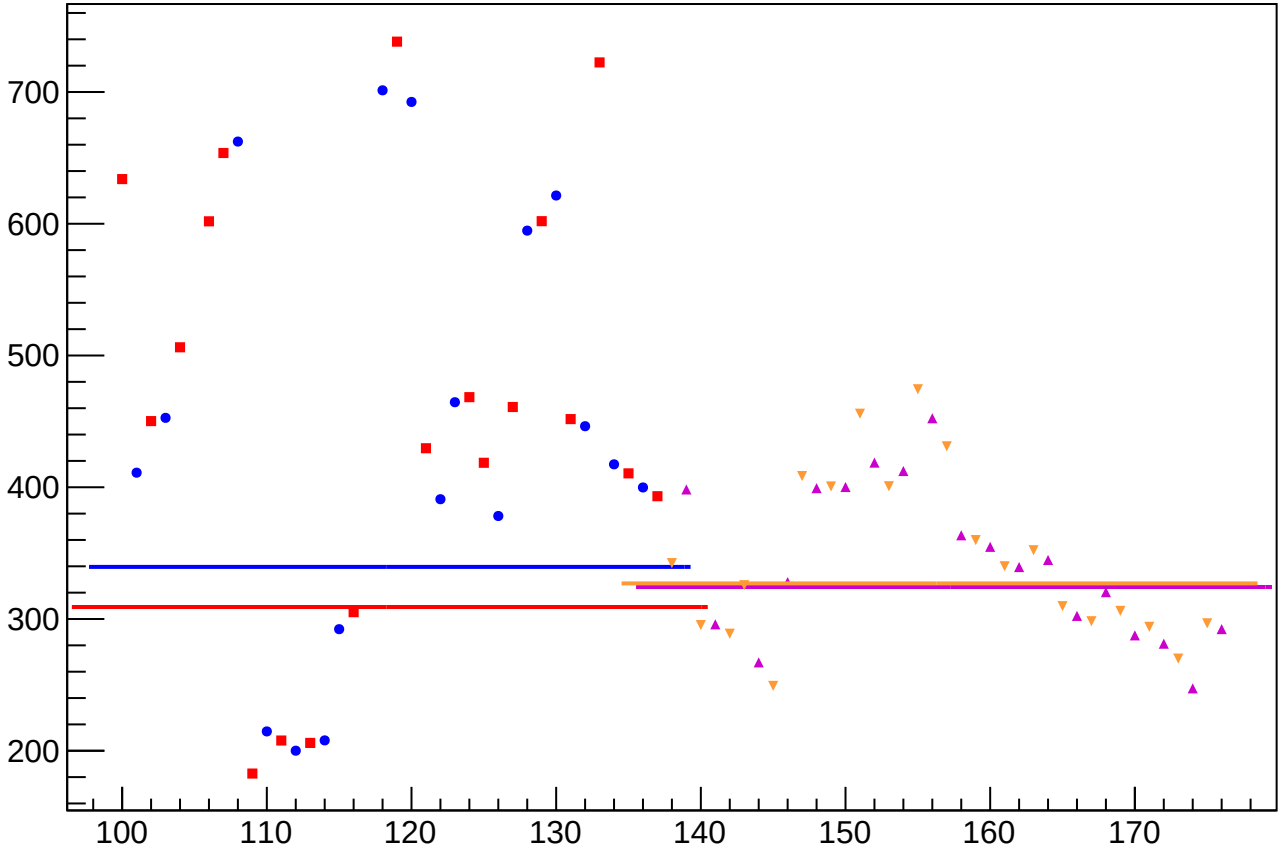
Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 67.667+/-73.200 χ^2/NDF:45.3/35

Out: 250.836+/-71.492 χ^2/NDF:83.2/38

All: 161.413+/-51.146 χ^2/NDF: 131.8/74

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 327.015+/-0.061 χ^2/NDF:873967.4/19

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 324.304+/-0.060 χ^2/NDF:835177.0/18

Left: 325.653+/-0.043 χ^2/NDF: 1710149.3/38

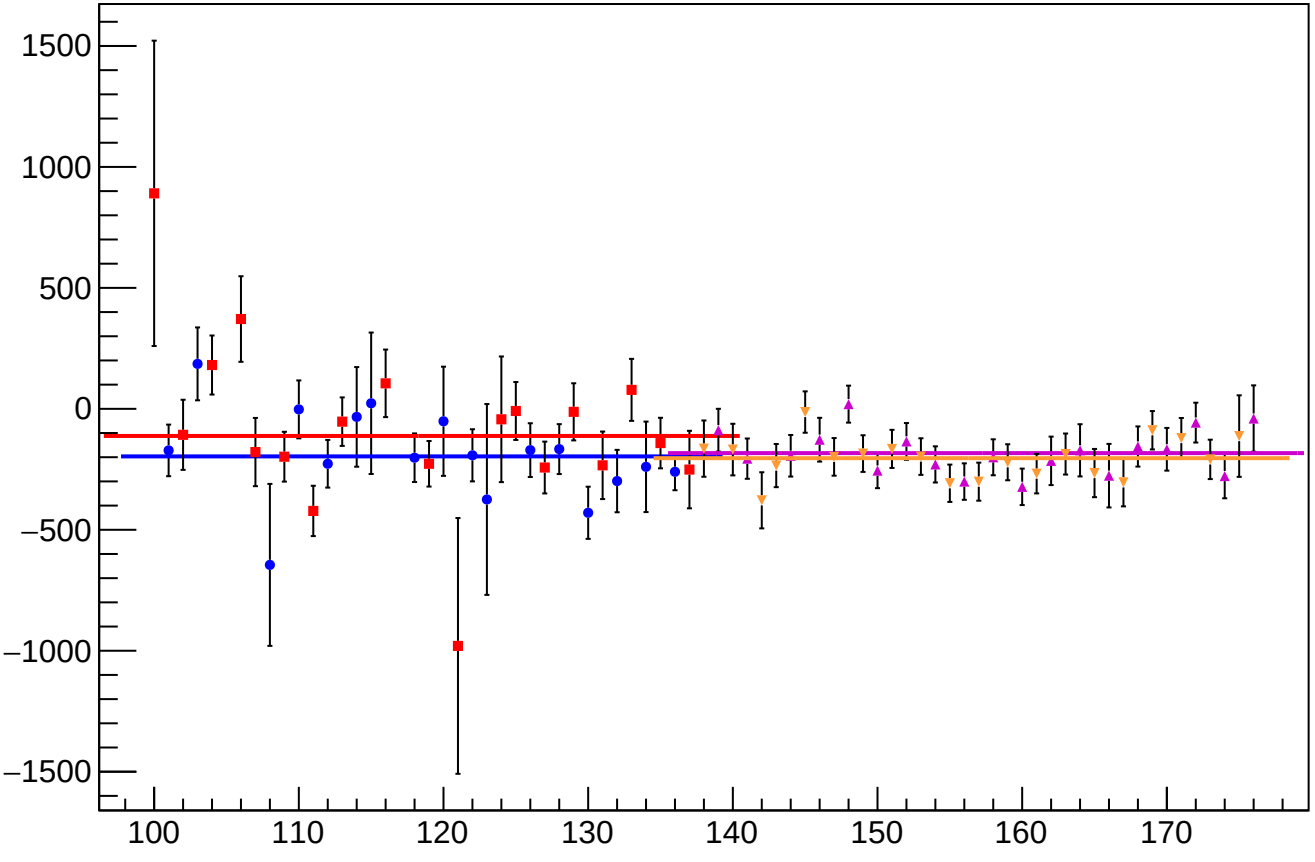
Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 328.322+/-0.052 χ^2/NDF:2894263.7/35

Out: 321.564+/-0.051 χ^2/NDF:3630847.3/38

All: 324.864+/-0.036 χ^2/NDF: 6533834.5/74

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -203.970+/-19.371 χ^2/NDF:16.7/19

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -183.031+/-19.570 χ^2/NDF:21.6/18

Left: -193.607+/-13.767 χ^2/NDF: 38.9/38

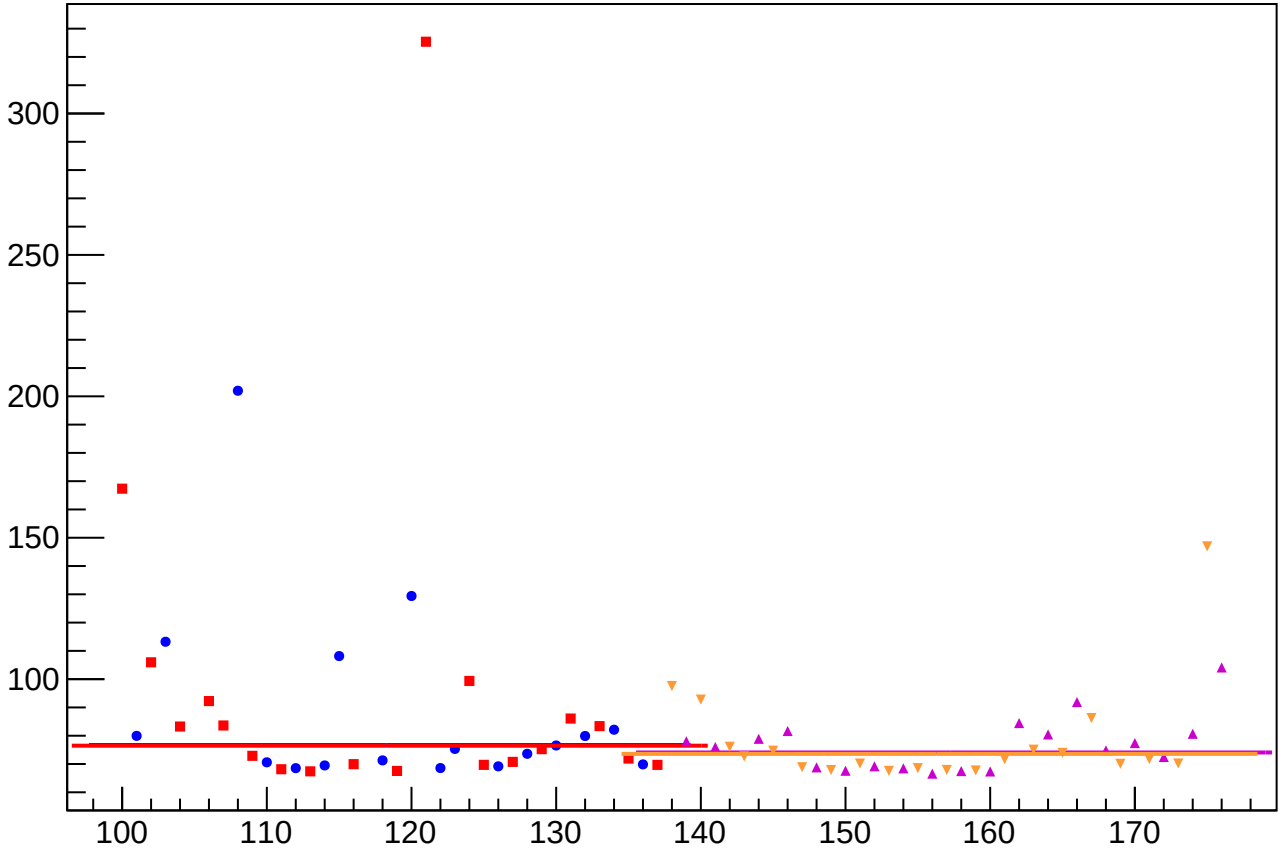
Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -187.007+/-16.455 χ^2/NDF:40.8/35

Out: -176.450+/-16.212 χ^2/NDF:62.8/38

All: -181.650+/-11.549 χ^2/NDF: 103.8/74

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 73.578+/-0.014 χ^2/NDF:639748.6/19

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 74.078+/-0.014 χ^2/NDF:297200.9/18

Left: 73.825+/-0.010 χ^2/NDF: 937609.7/38

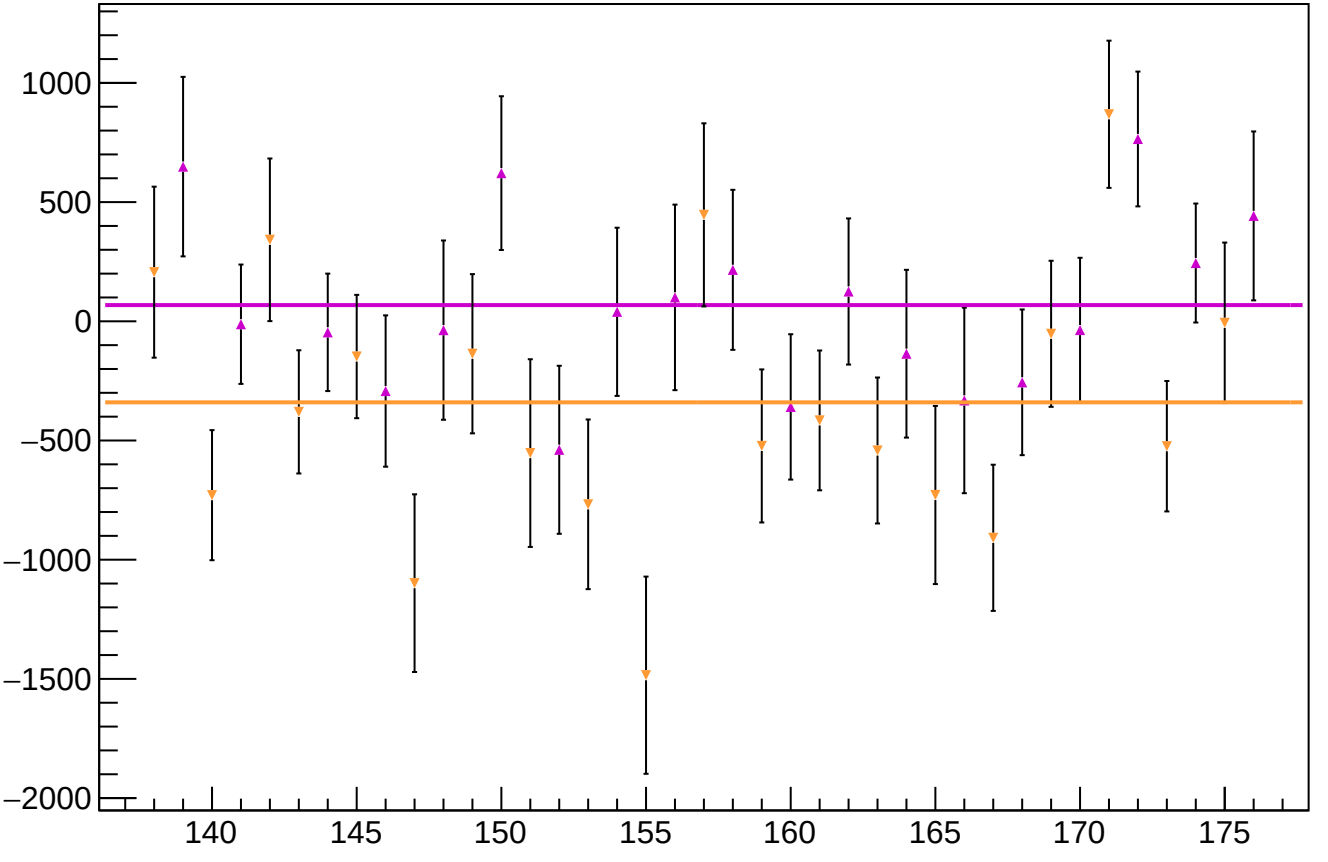
Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 74.844+/-0.012 χ^2/NDF:908005.2/35

Out: 74.447+/-0.011 χ^2/NDF:1352548.5/38

All: 74.642+/-0.008 χ^2/NDF: 2261145.0/74

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -339.962+/-71.428 χ^2/NDF:50.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 67.989+/-72.187 χ^2/NDF:22.5/18

Left: -138.144+/-50.773 χ^2/NDF: 88.7/38

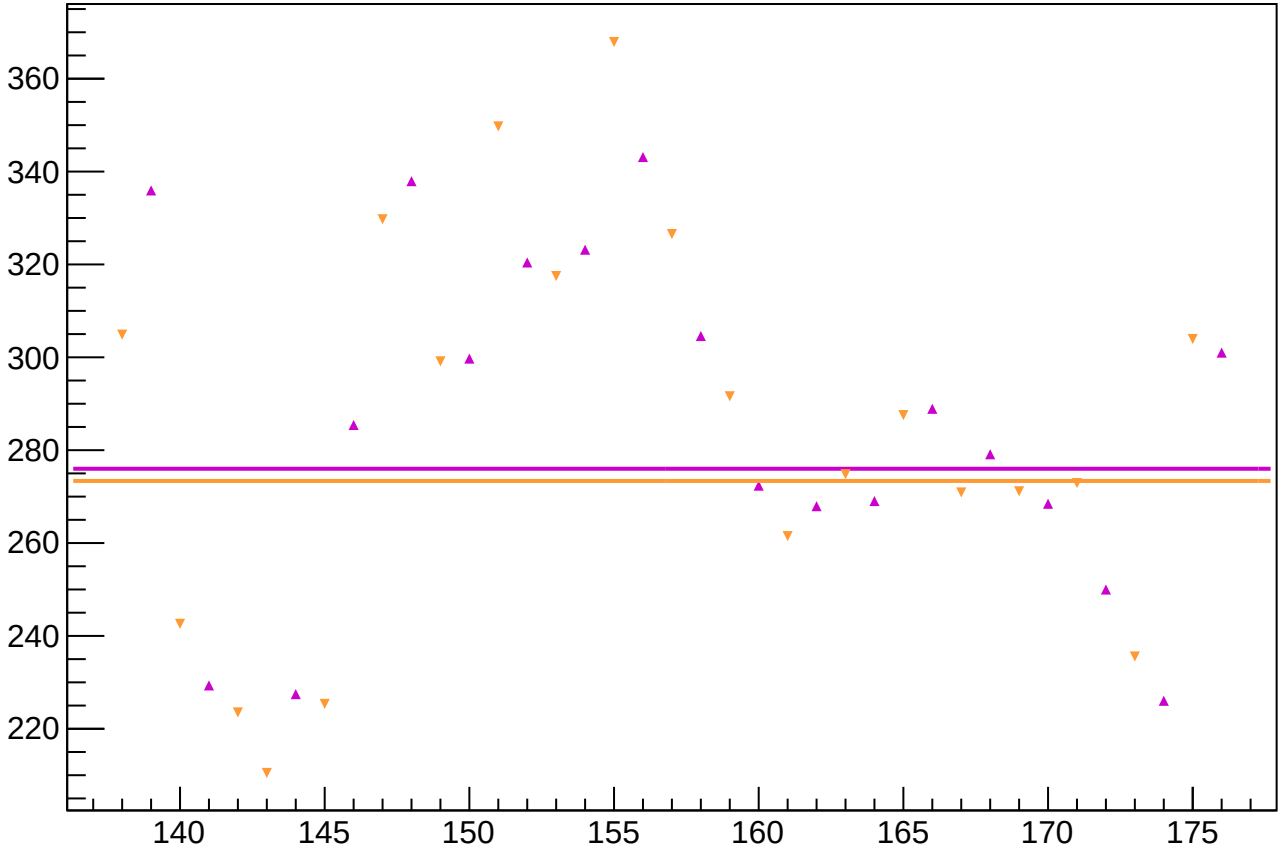
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 67.989+/-72.187 χ^2/NDF:22.5/18

Out: -339.962+/-71.428 χ^2/NDF:50.0/19

All: -138.144+/-50.773 χ^2/NDF: 88.7/38

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 273.377+/-0.051 χ^2/NDF:644962.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 275.999+/-0.051 χ^2/NDF:519428.6/18

Left: 274.674+/-0.036 χ^2/NDF: 1165724.2/38

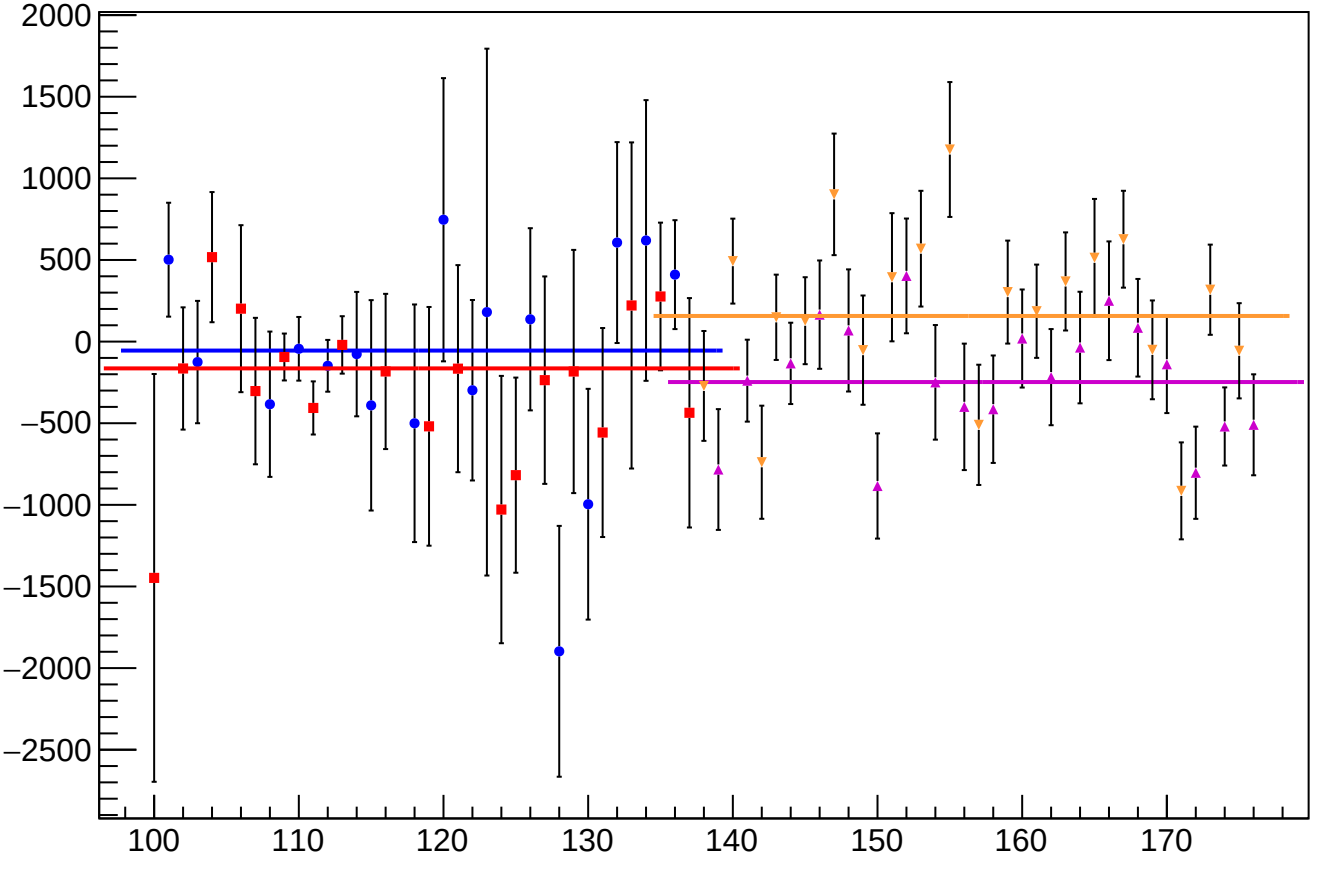
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 275.999+/-0.051 χ^2/NDF:519428.6/18

Out: 273.377+/-0.051 χ^2/NDF:644962.7/19

All: 274.674+/-0.036 χ^2/NDF: 1165724.2/38

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 157.061+/-70.003 χ^2/NDF:44.0/19

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -247.757+/-70.921 χ^2/NDF:22.6/18

Left: -42.713+/-49.821 χ^2/NDF: 83.2/38

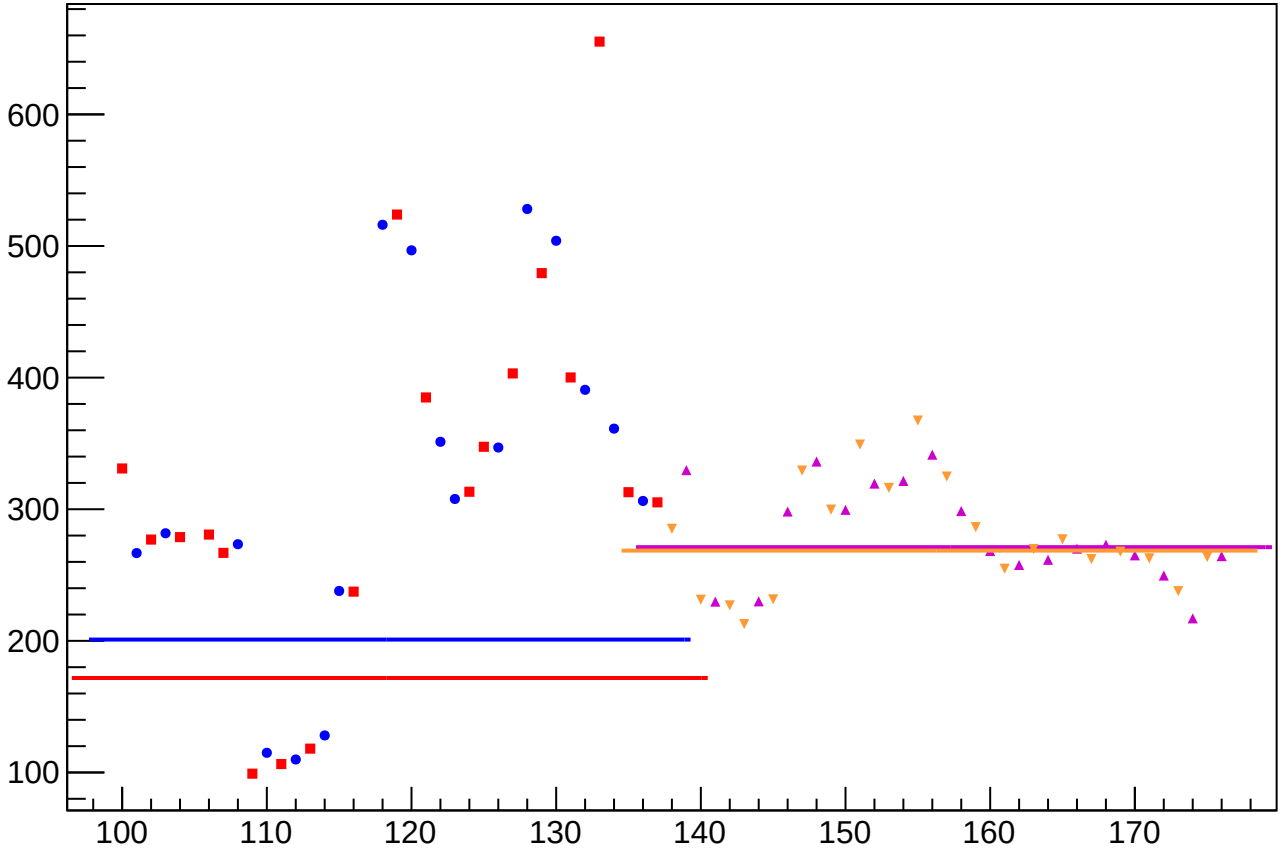
Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -174.248+/-55.788 χ^2/NDF:42.0/35

Out: 11.512+/-51.768 χ^2/NDF:65.5/38

All: -74.434+/-37.947 χ^2/NDF: 113.4/74

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 268.576+/-0.049 χ^2/NDF:596439.9/19

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 271.191+/-0.050 χ^2/NDF:528752.7/18

Left: 269.867+/-0.035 χ^2/NDF: 1126569.7/38

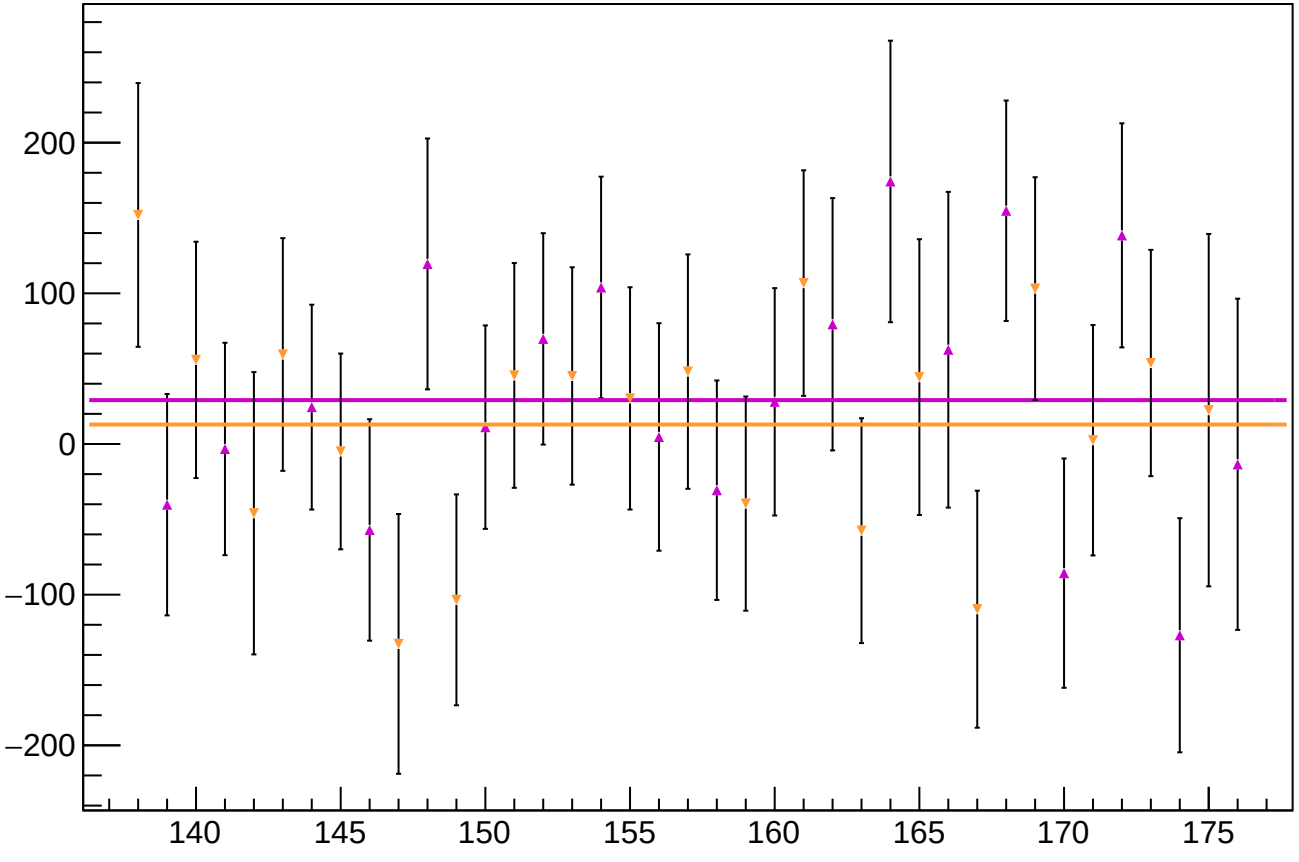
Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 244.422+/-0.039 χ^2/NDF:4712368.7/35

Out: 224.721+/-0.037 χ^2/NDF:6421344.6/38

All: 233.836+/-0.027 χ^2/NDF: 11267732.9/74

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 12.917+/-17.375 χ^2/NDF:17.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 29.124+/-17.632 χ^2/NDF:20.3/18

Left: 20.902+/-12.376 χ^2/NDF: 38.1/38

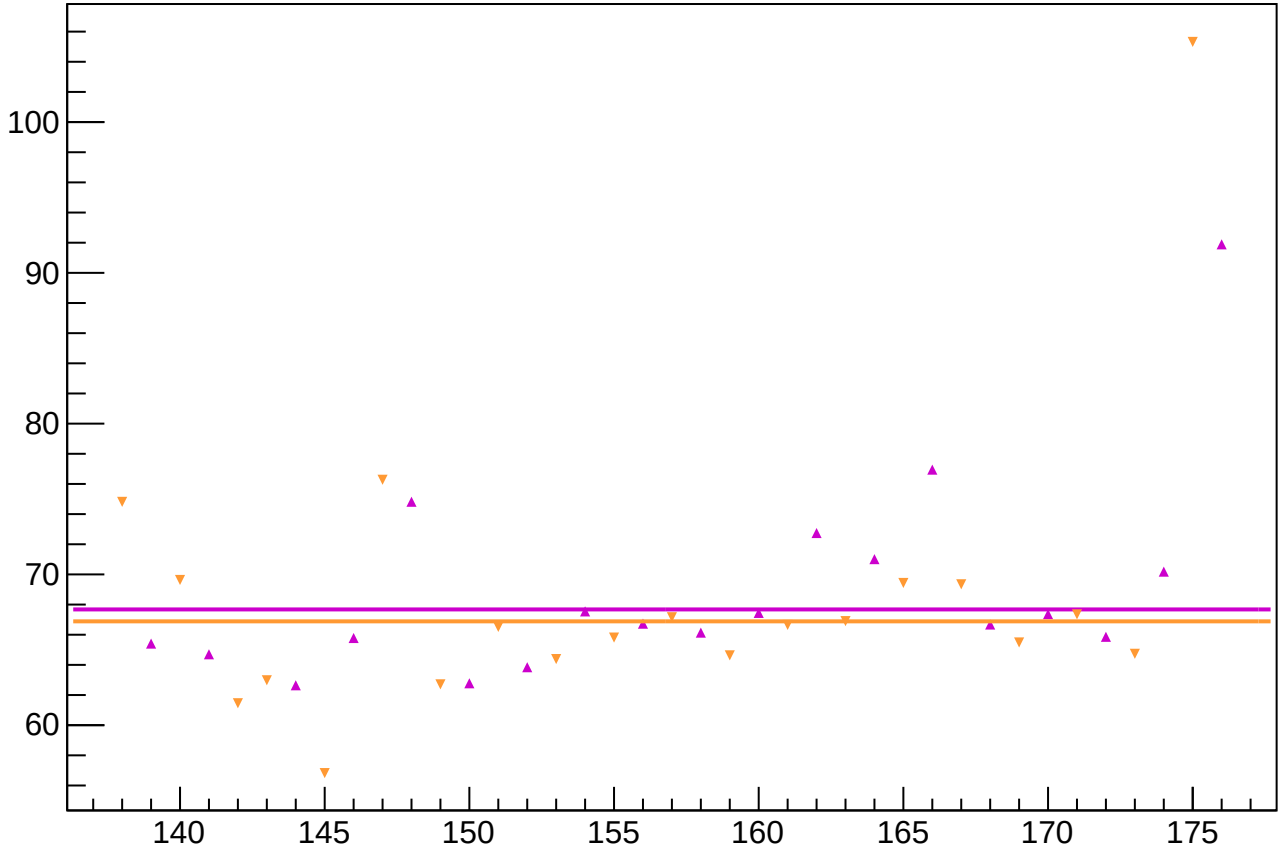
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 29.124+/-17.632 χ^2/NDF:20.3/18

Out: 12.917+/-17.375 χ^2/NDF:17.3/19

All: 20.902+/-12.376 χ^2/NDF: 38.1/38

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 66.887+/-0.012 χ^2/NDF:336392.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 67.677+/-0.012 χ^2/NDF:176462.7/18

Left: 67.276+/-0.009 χ^2/NDF: 514895.8/38

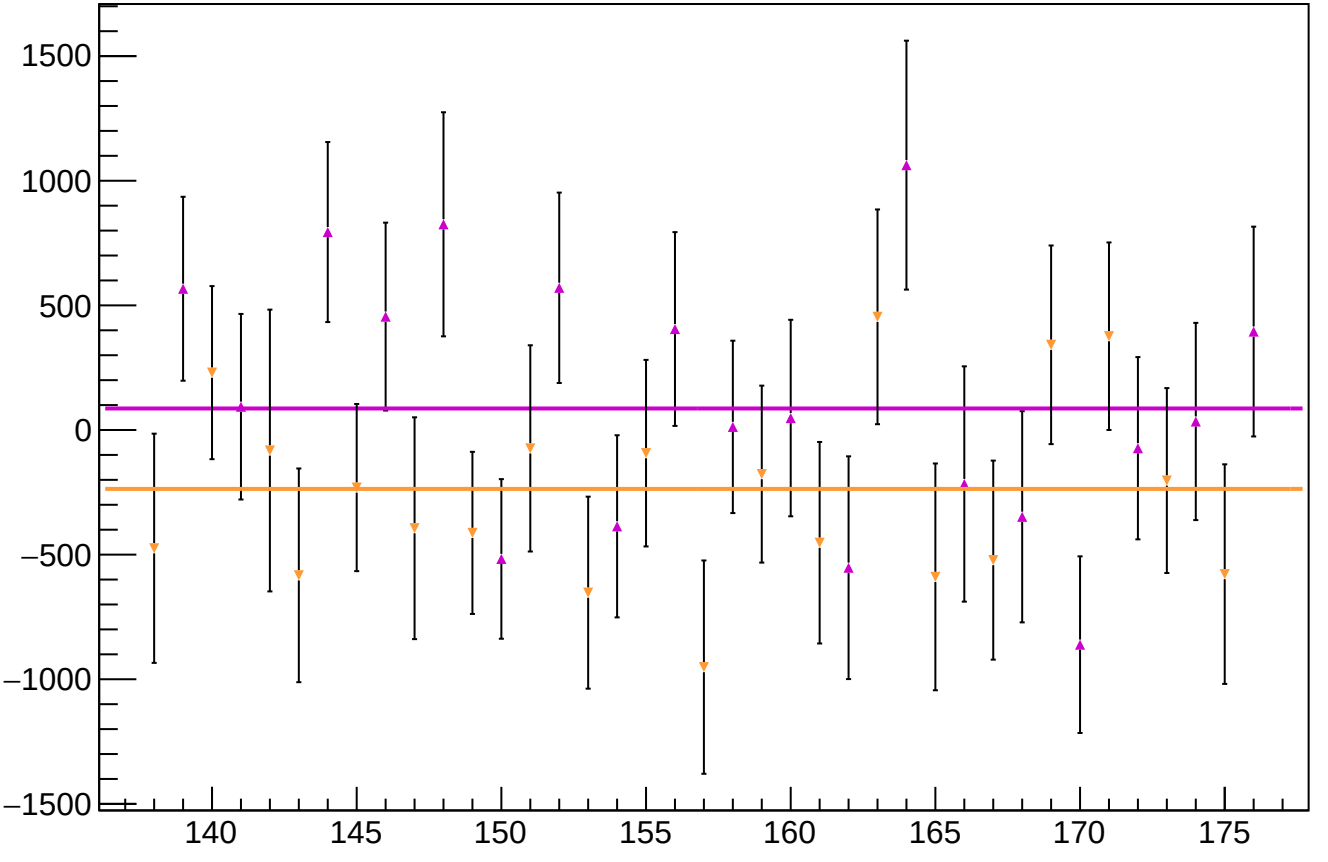
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 67.677+/-0.012 χ^2/NDF:176462.7/18

Out: 66.887+/-0.012 χ^2/NDF:336392.7/19

All: 67.276+/-0.009 χ^2/NDF: 514895.8/38

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -236.250+/-88.905 χ^2/NDF:16.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 86.323+/-88.984 χ^2/NDF:32.0/18

Left: -75.106+/-62.893 χ^2/NDF: 55.4/38

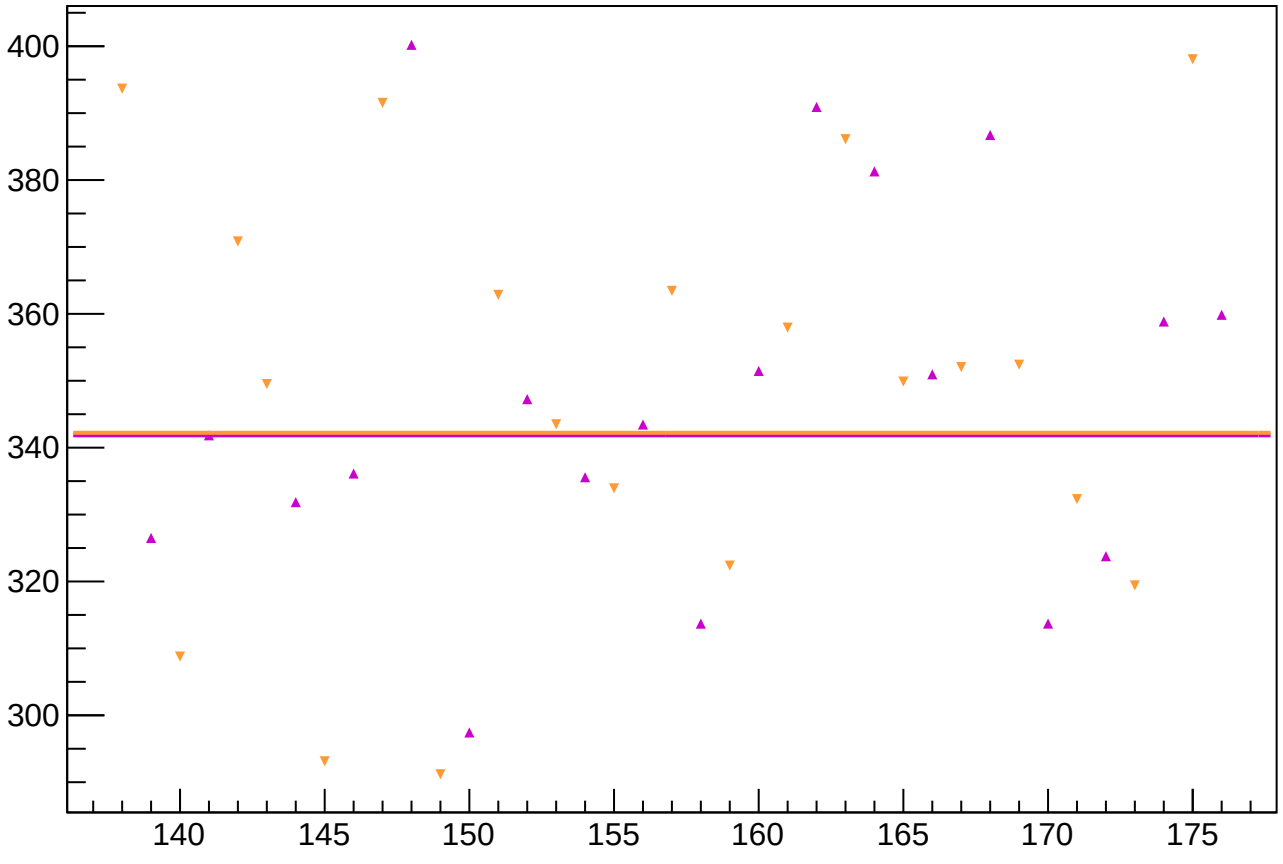
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 86.323+/-88.984 χ^2/NDF:32.0/18

Out: -236.250+/-88.905 χ^2/NDF:16.8/19

All: -75.106+/-62.893 χ^2/NDF: 55.4/38

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 342.225+/-0.063 χ^2/NDF:251048.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 341.845+/-0.063 χ^2/NDF:177791.0/18

Left: 342.035+/-0.044 χ^2/NDF: 428858.0/38

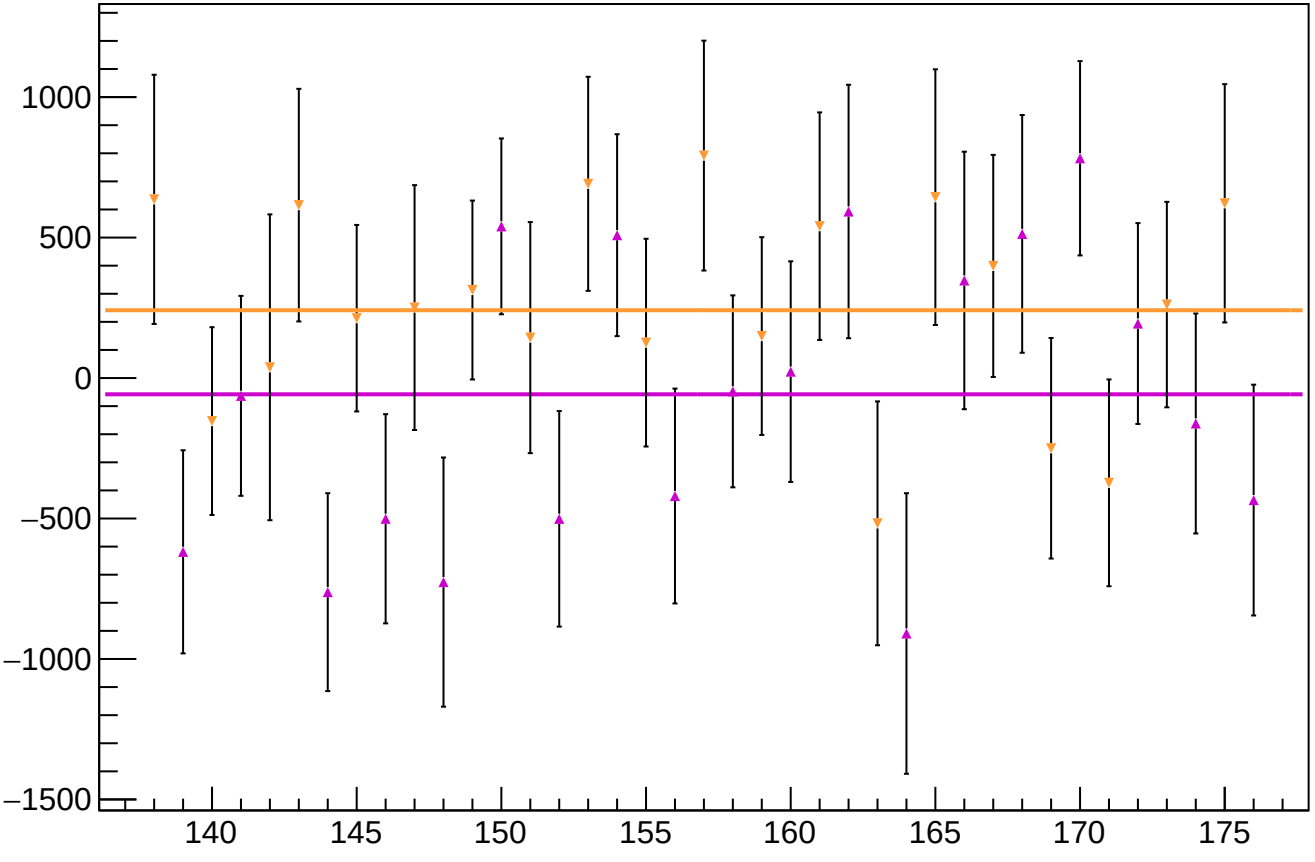
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 341.845+/-0.063 χ^2/NDF:177791.0/18

Out: 342.225+/-0.063 χ^2/NDF:251048.8/19

All: 342.035+/-0.044 χ^2/NDF: 428858.0/38

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 241.306+/-87.318 χ^2/NDF:16.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -57.891+/-87.553 χ^2/NDF:33.4/18

Left: 92.110+/-61.826 χ^2/NDF: 55.6/38

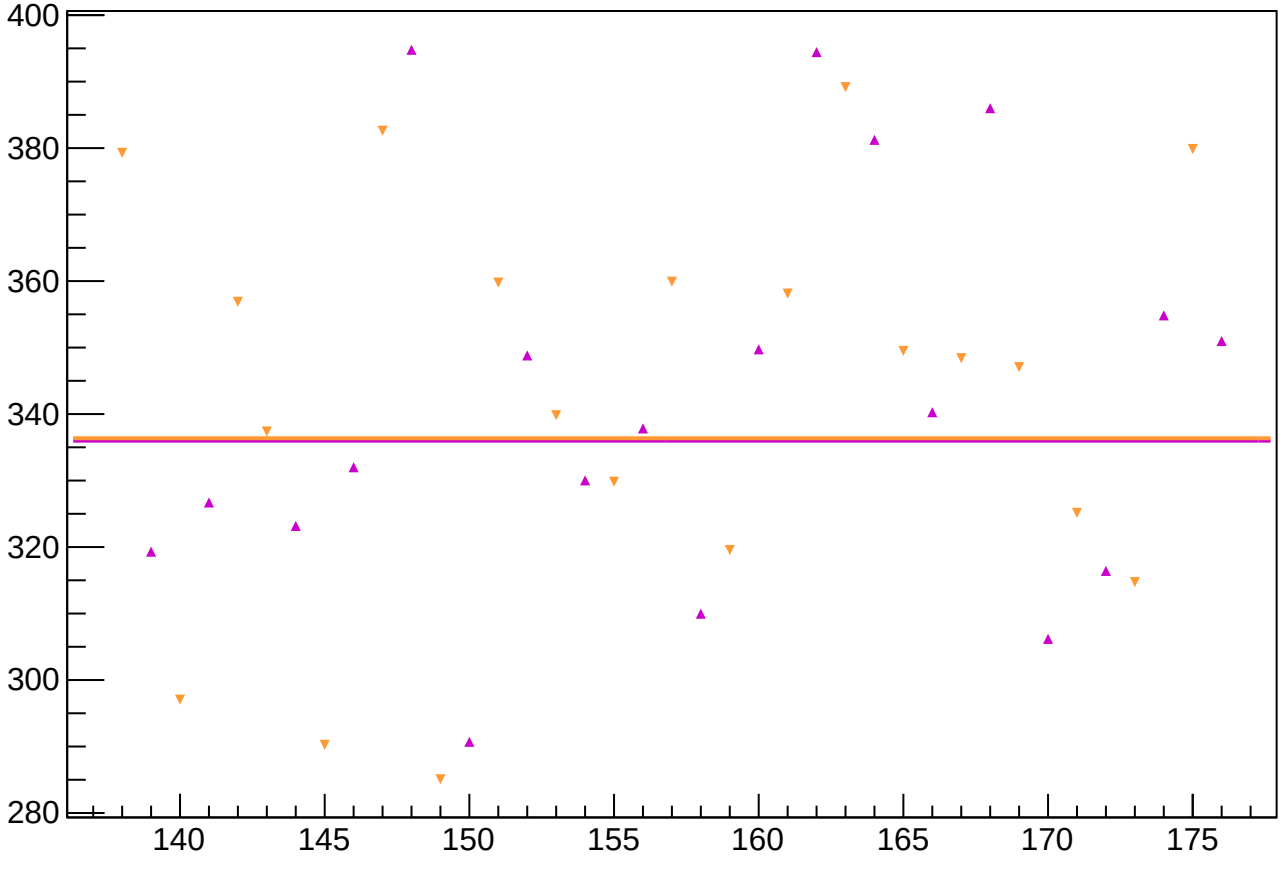
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -57.891+/-87.553 χ^2/NDF:33.4/18

Out: 241.306+/-87.318 χ^2/NDF:16.3/19

All: 92.110+/-61.826 χ^2/NDF: 55.6/38

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 336.362+/-0.062 χ^2/NDF:251025.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 336.006+/-0.062 χ^2/NDF:208673.4/18

Left: 336.184+/-0.044 χ^2/NDF: 459715.1/38

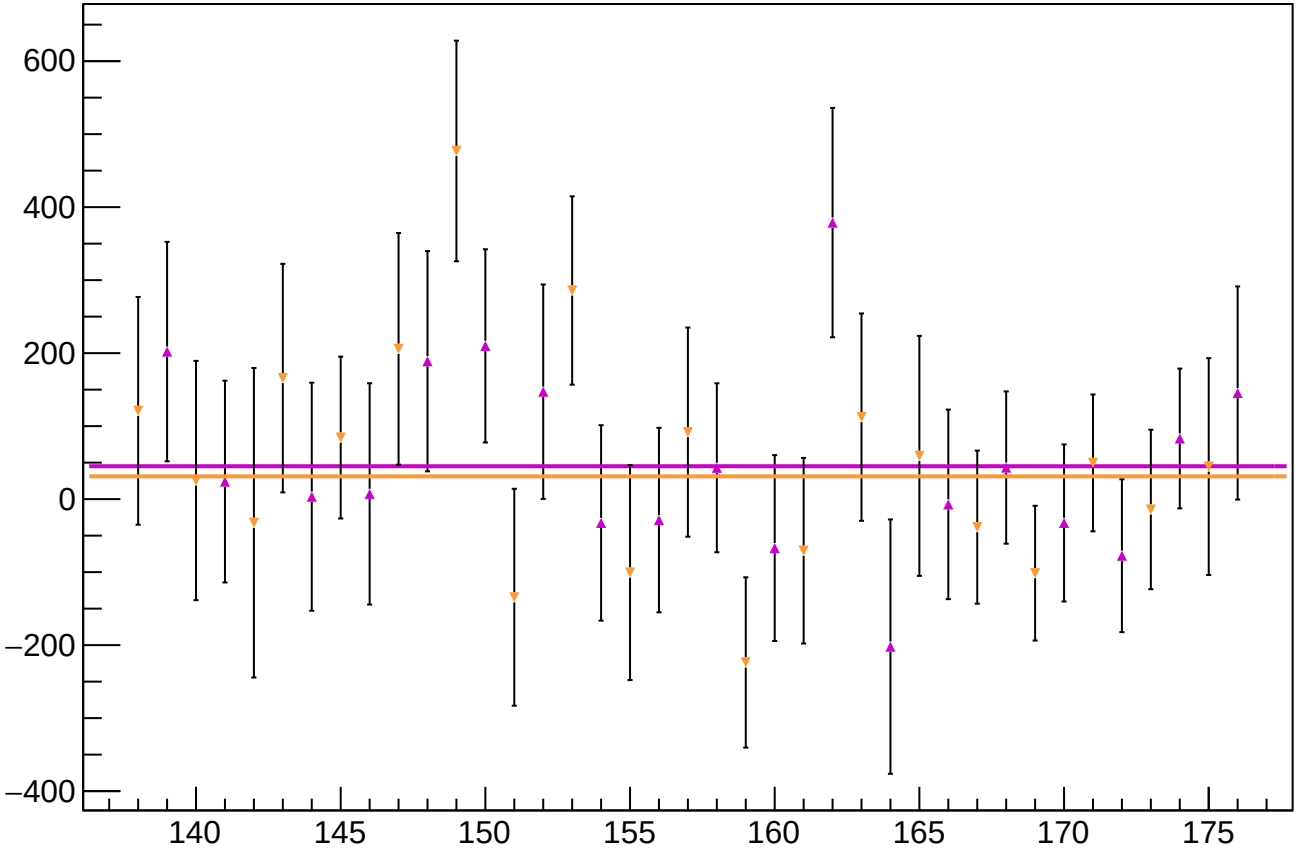
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 336.006+/-0.062 χ^2/NDF:208673.4/18

Out: 336.362+/-0.062 χ^2/NDF:251025.2/19

All: 336.184+/-0.044 χ^2/NDF: 459715.1/38

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 31.234+/-29.116 χ^2/NDF:25.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 45.081+/-29.599 χ^2/NDF:14.9/18

Left: 38.044+/-20.757 χ^2/NDF: 40.9/38

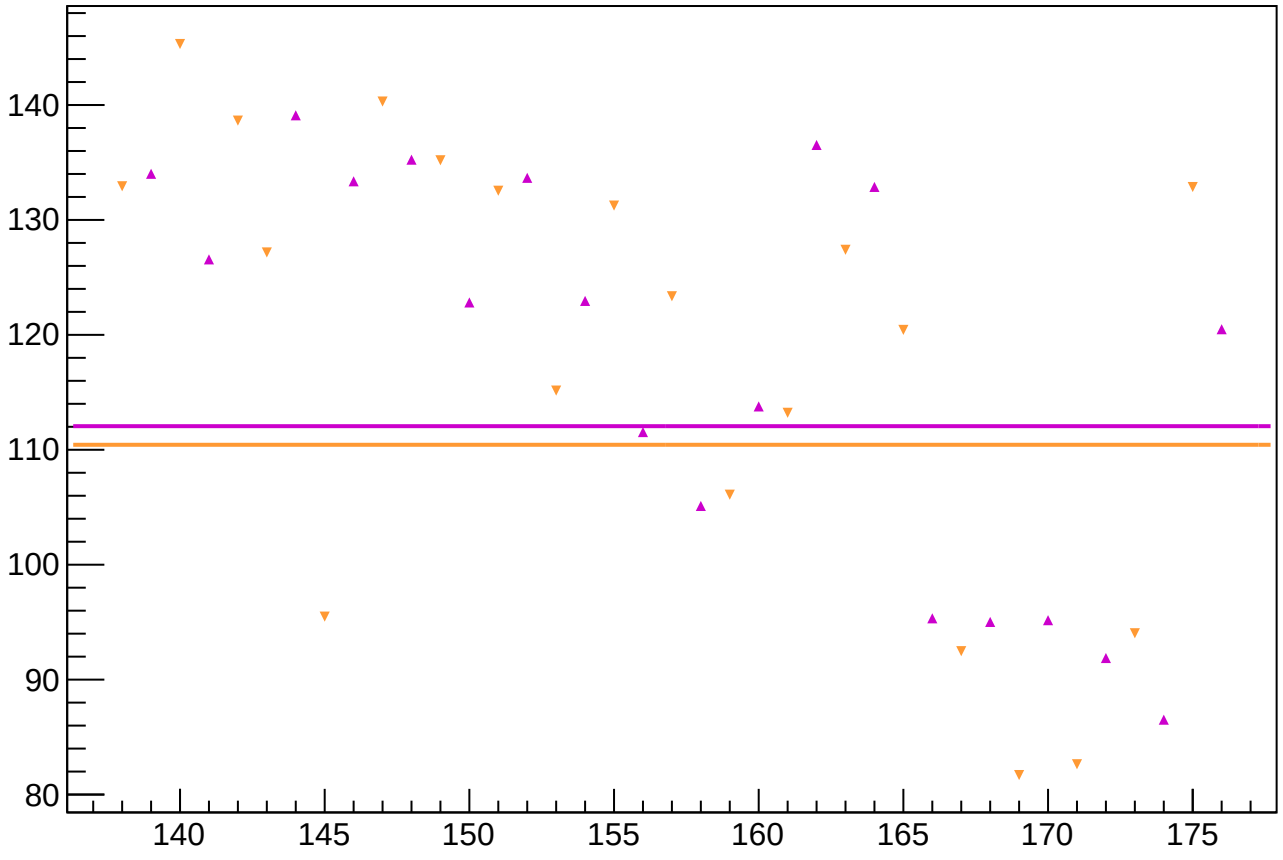
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 45.081+/-29.599 χ^2/NDF:14.9/18

Out: 31.234+/-29.116 χ^2/NDF:25.9/19

All: 38.044+/-20.757 χ^2/NDF: 40.9/38

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 110.435+/-0.021 χ^2/NDF:1013233.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 112.054+/-0.021 χ^2/NDF:724868.0/18

Left: 111.231+/-0.015 χ^2/NDF: 1741143.1/38

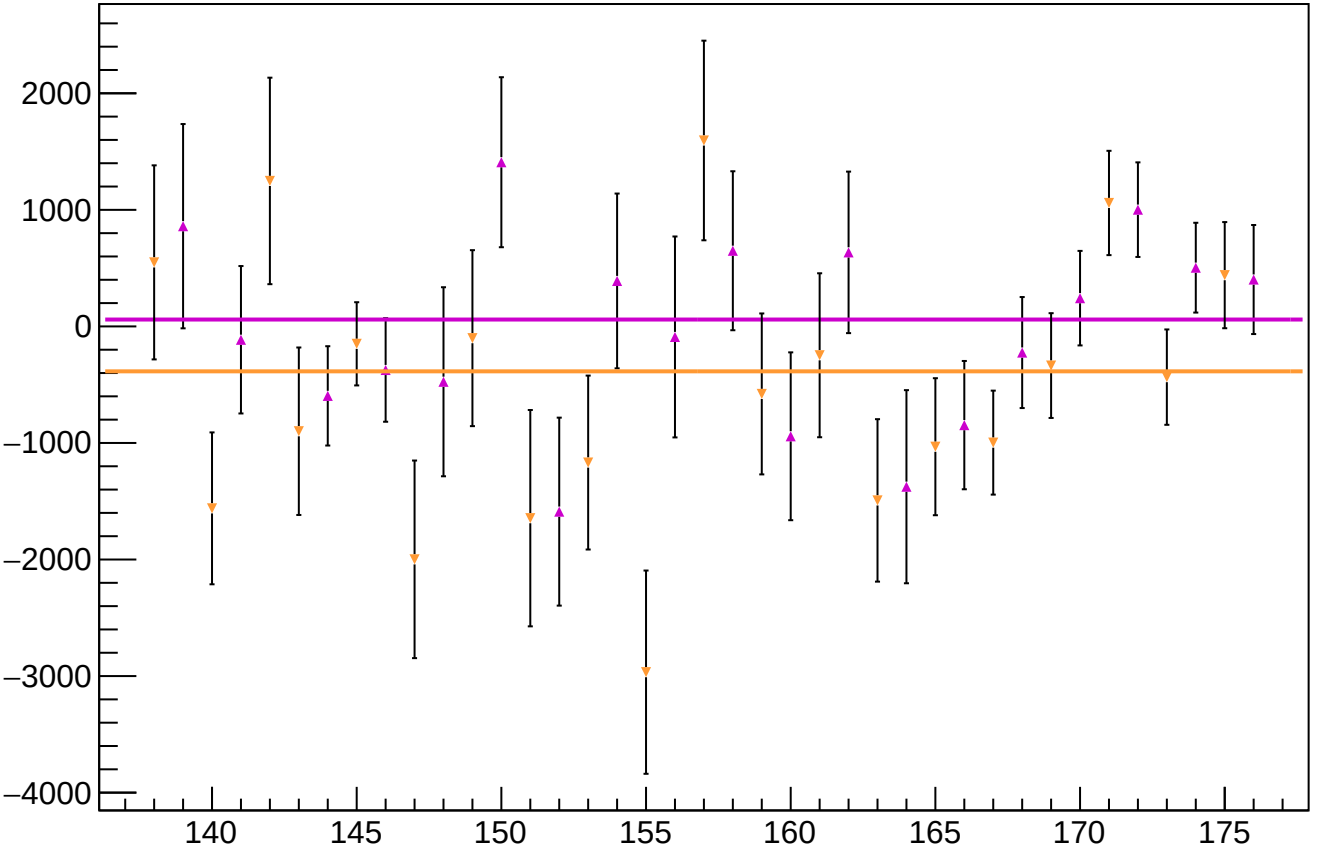
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 112.054+/-0.021 χ^2/NDF:724868.0/18

Out: 110.435+/-0.021 χ^2/NDF:1013233.6/19

All: 111.231+/-0.015 χ^2/NDF: 1741143.1/38

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -385.468+/-130.763 χ^2/NDF:49.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 58.960+/-127.789 χ^2/NDF:29.4/18

Left: -158.142+/-91.394 χ^2/NDF: 84.5/38

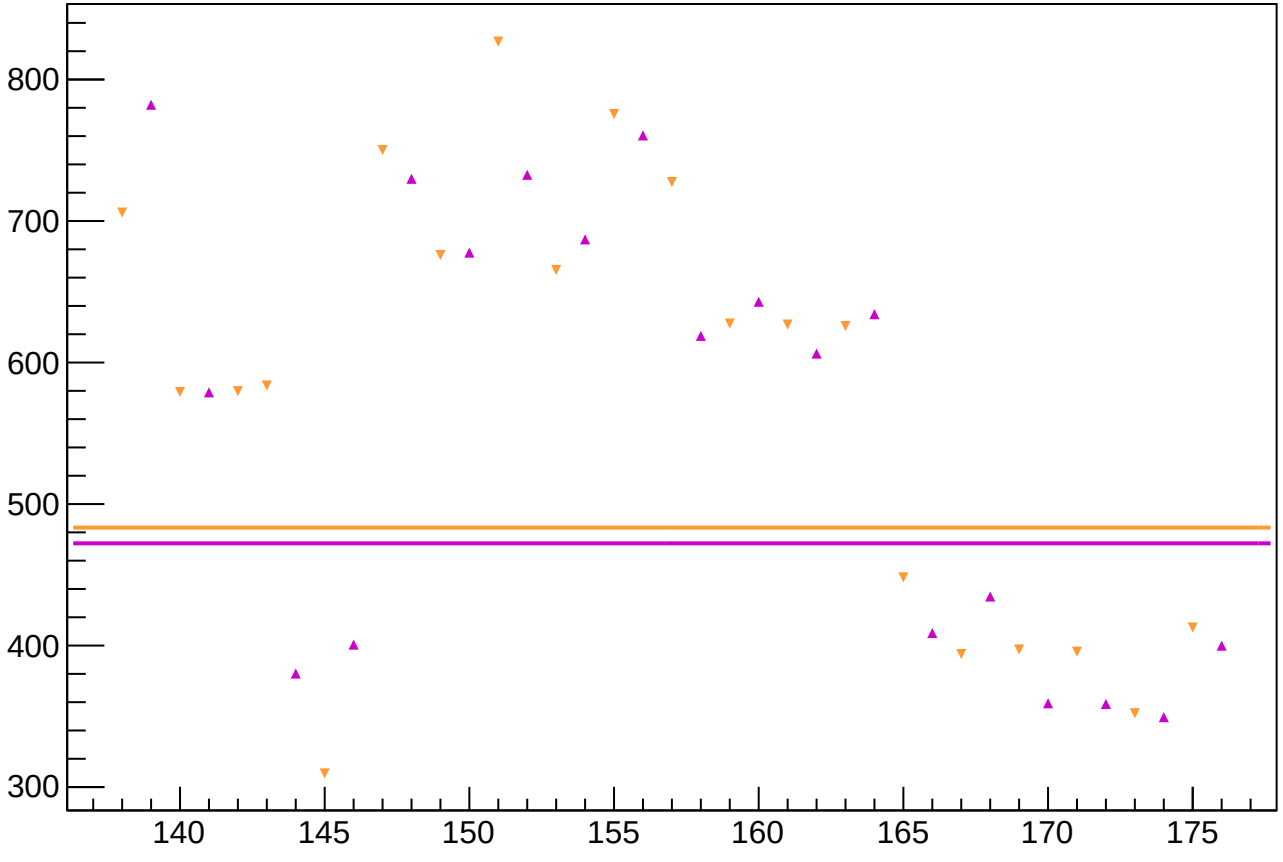
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.960+/-127.789 χ^2/NDF:29.4/18

Out: -385.468+/-130.763 χ^2/NDF:49.2/19

All: -158.142+/-91.394 χ^2/NDF: 84.5/38

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 483.361+/-0.092 χ^2/NDF:2576554.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 472.233+/-0.090 χ^2/NDF:2367458.7/18

Left: 477.669+/-0.065 χ^2/NDF: 4951421.9/38

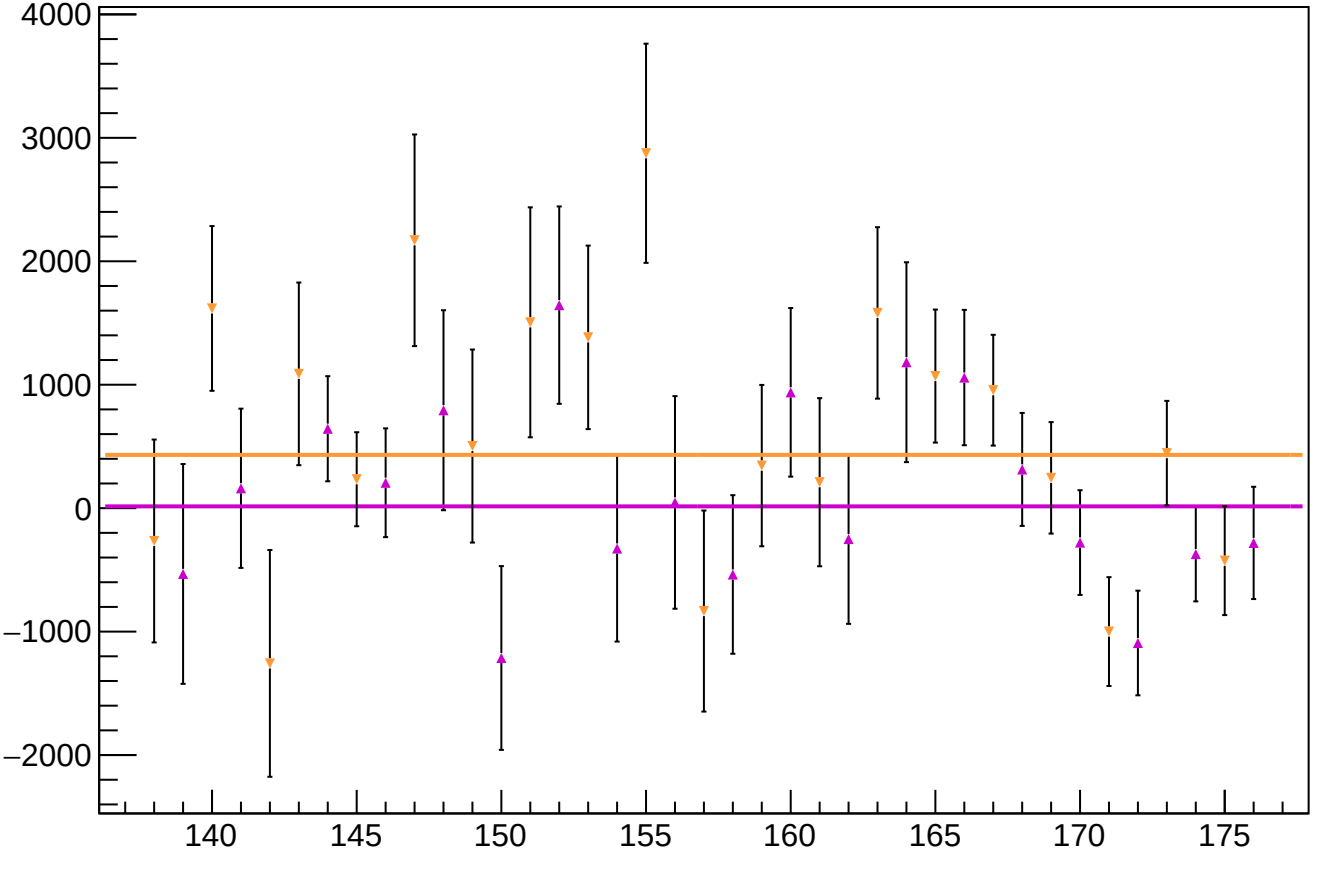
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 472.233+/-0.090 χ^2/NDF:2367458.7/18

Out: 483.361+/-0.092 χ^2/NDF:2576554.7/19

All: 477.669+/-0.065 χ^2/NDF: 4951421.9/38

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 431.491+/-131.147 χ^2/NDF:45.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 14.560+/-127.615 χ^2/NDF:28.4/18

Left: 217.336+/-91.460 χ^2/NDF: 79.1/38

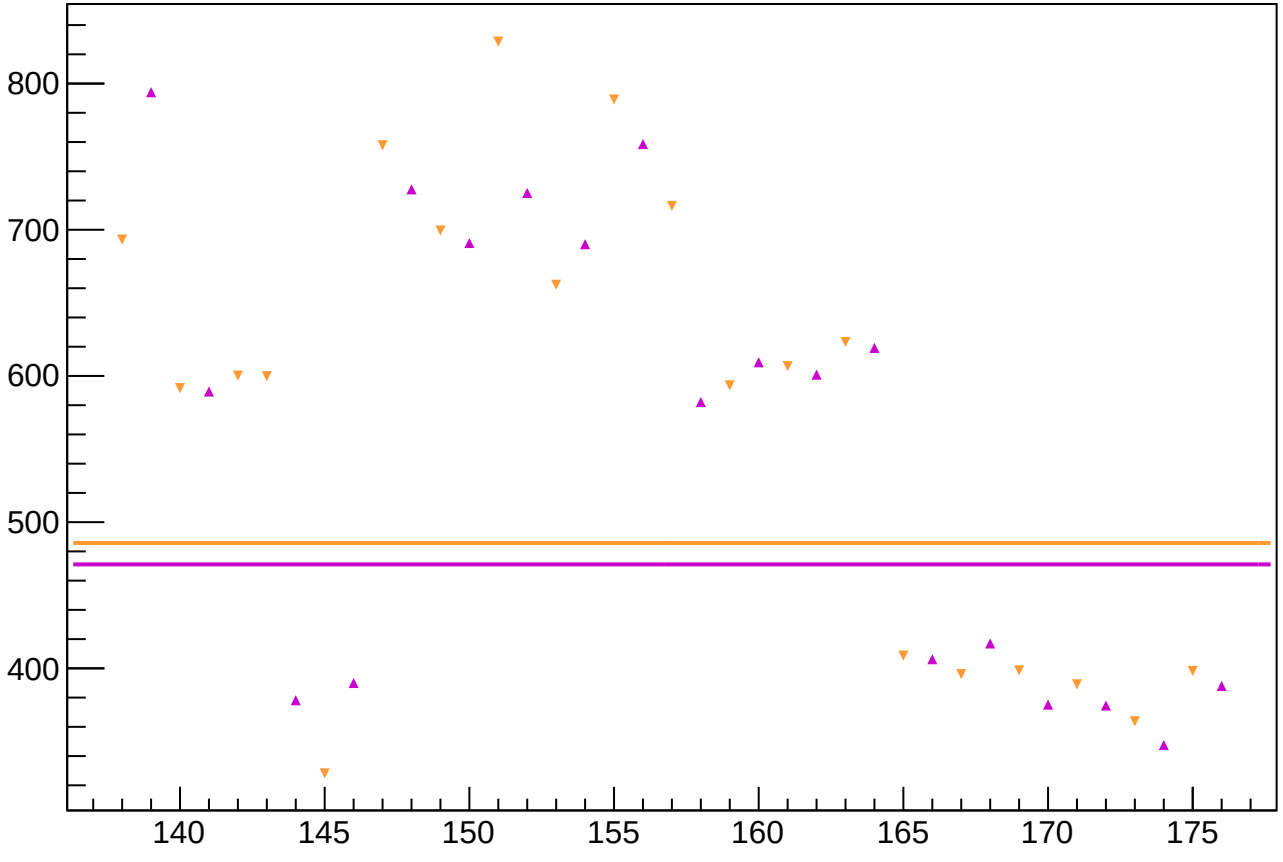
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 14.560+/-127.615 χ^2/NDF:28.4/18

Out: 431.491+/-131.147 χ^2/NDF:45.5/19

All: 217.336+/-91.460 χ^2/NDF: 79.1/38

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 485.756+/-0.093 χ^2/NDF:2460303.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 471.102+/-0.090 χ^2/NDF:2278505.4/18

Left: 478.229+/-0.065 χ^2/NDF: 4751635.6/38

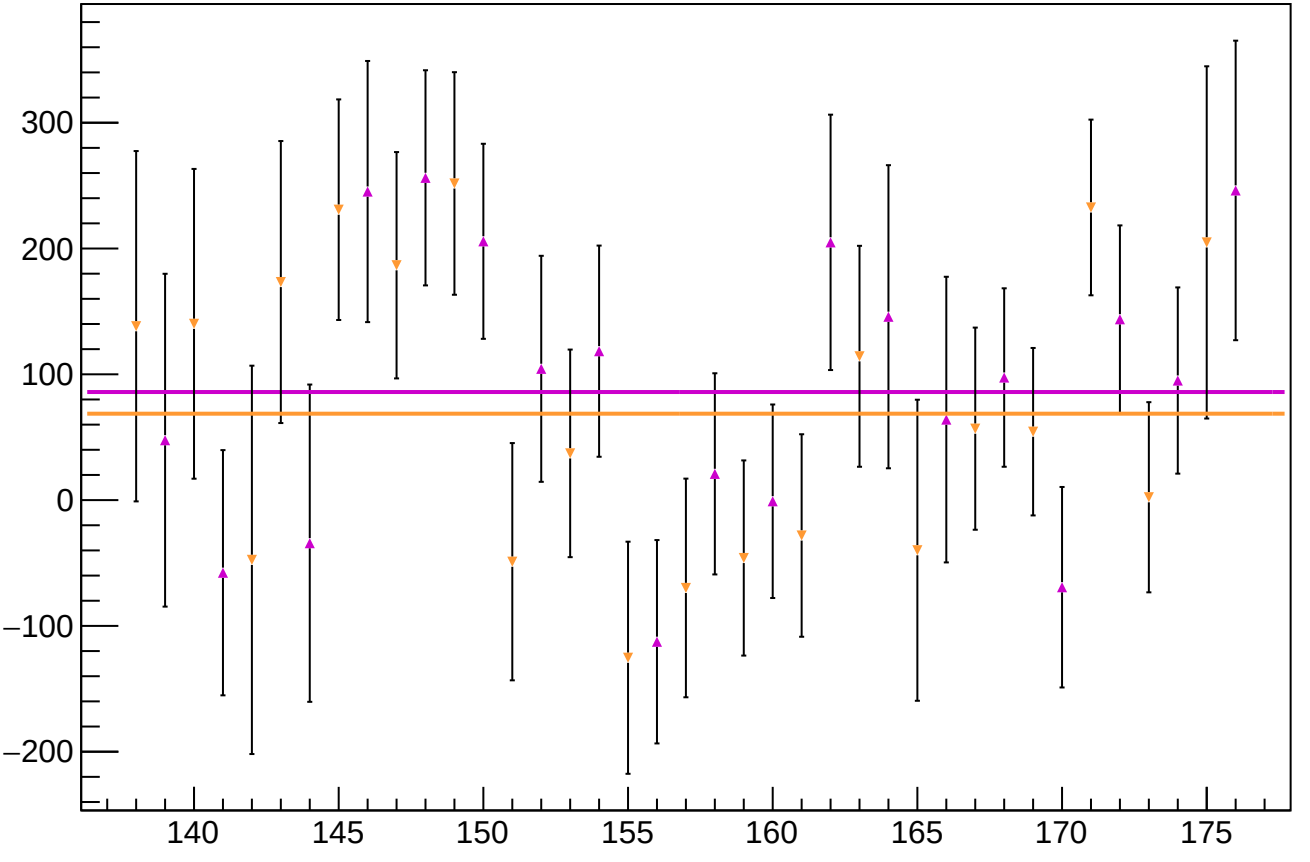
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 471.102+/-0.090 χ^2/NDF:2278505.4/18

Out: 485.756+/-0.093 χ^2/NDF:2460303.9/19

All: 478.229+/-0.065 χ^2/NDF: 4751635.6/38

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 68.698+/-20.156 χ^2/NDF:32.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 85.919+/-20.421 χ^2/NDF:27.9/18

Left: 77.196+/-14.345 χ^2/NDF: 60.4/38

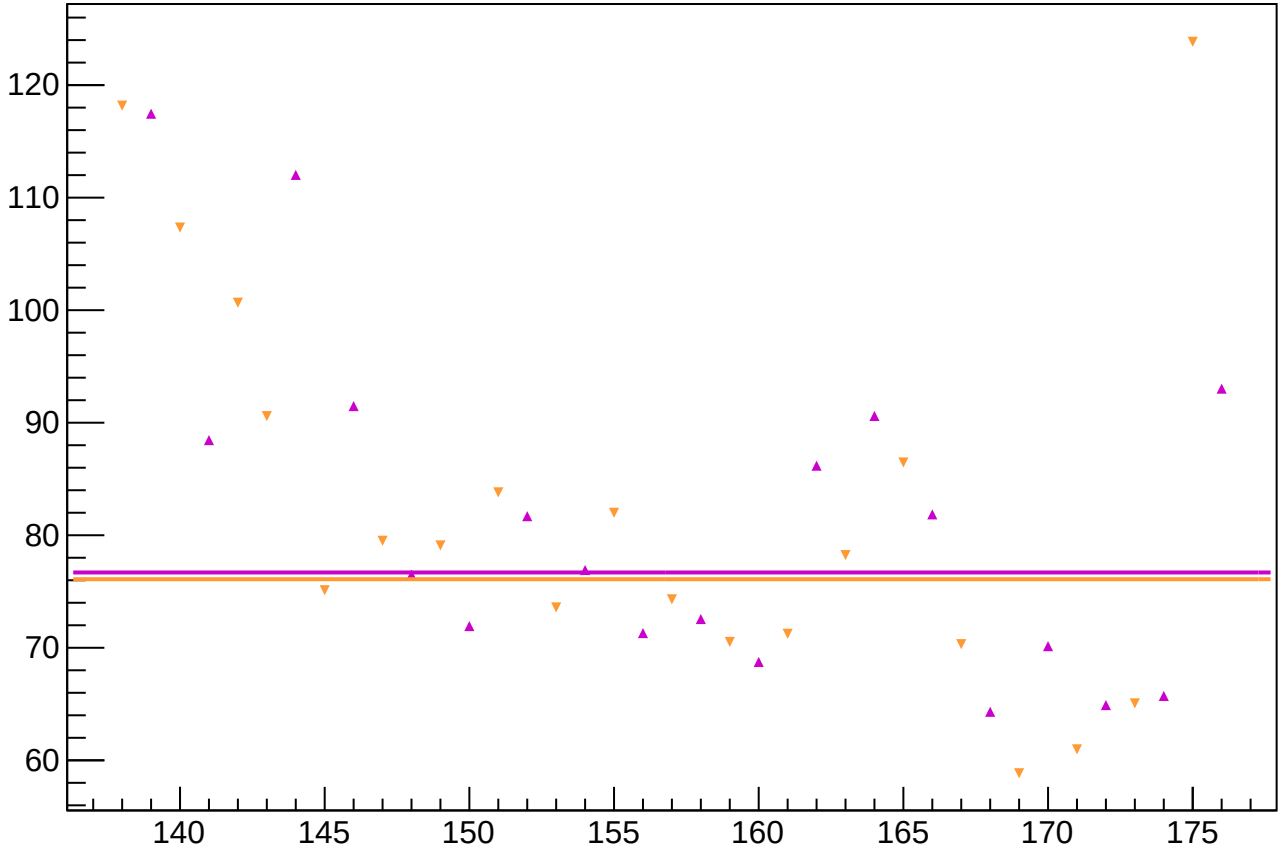
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 85.919+/-20.421 χ^2/NDF:27.9/18

Out: 68.698+/-20.156 χ^2/NDF:32.1/19

All: 77.196+/-14.345 χ^2/NDF: 60.4/38

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 76.092+/-0.014 χ^2/NDF:972738.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 76.692+/-0.014 χ^2/NDF:720142.1/18

Left: 76.388+/-0.010 χ^2/NDF: 1693755.5/38

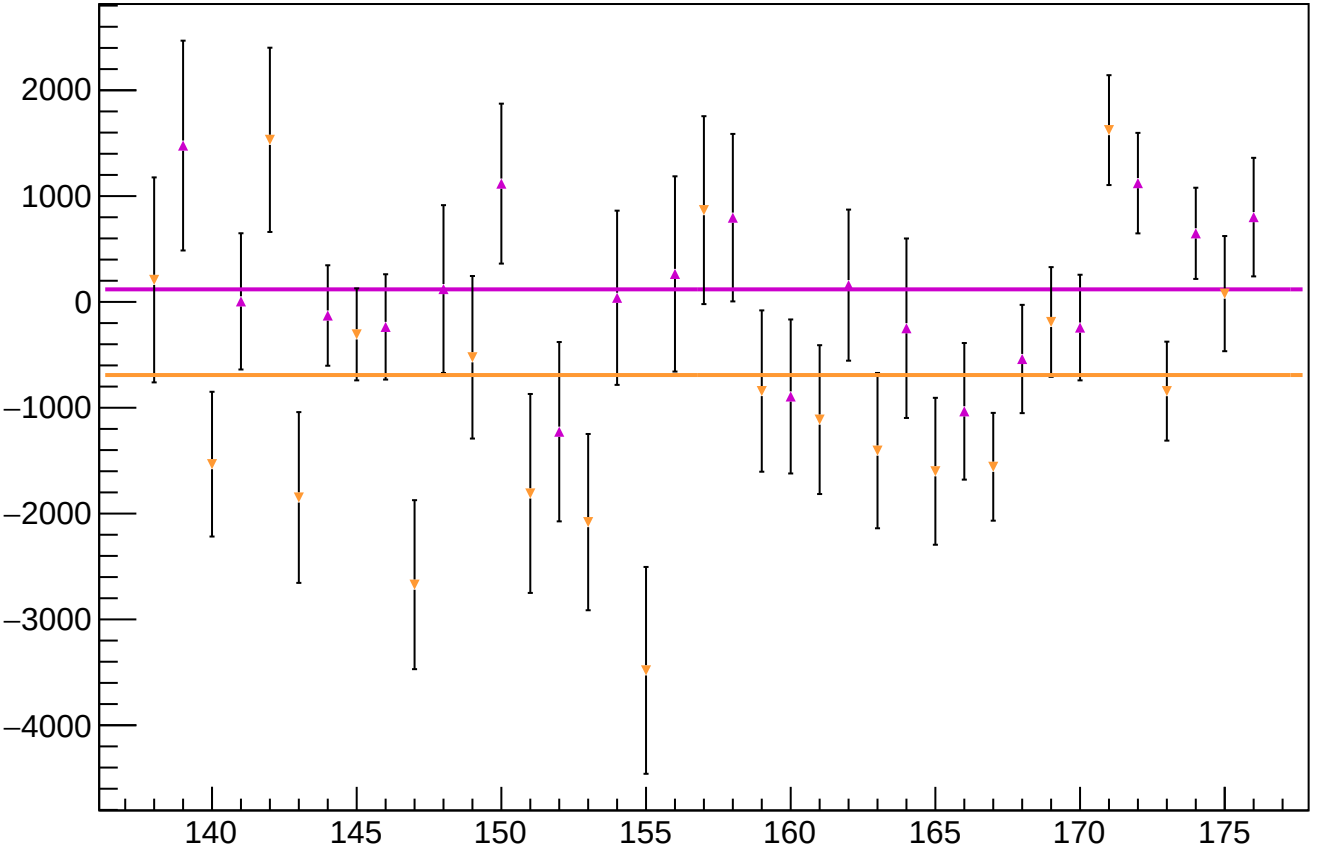
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 76.692+/-0.014 χ^2/NDF:720142.1/18

Out: 76.092+/-0.014 χ^2/NDF:972738.2/19

All: 76.388+/-0.010 χ^2/NDF: 1693755.5/38

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -690.900+/-146.765 χ^2/NDF:62.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 118.729+/-142.313 χ^2/NDF:22.7/18

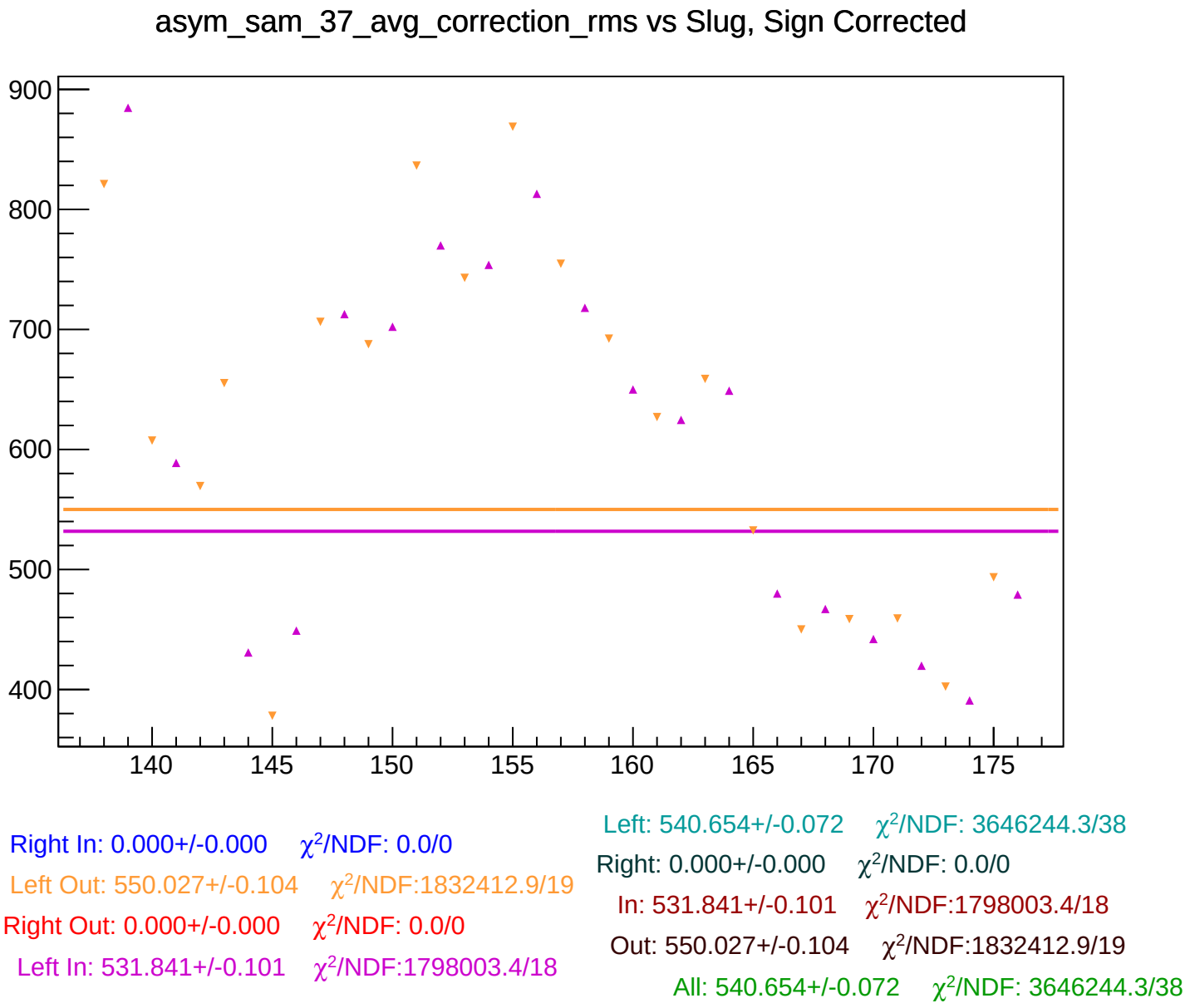
Left: -273.619+/-102.168 χ^2/NDF: 100.6/38

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

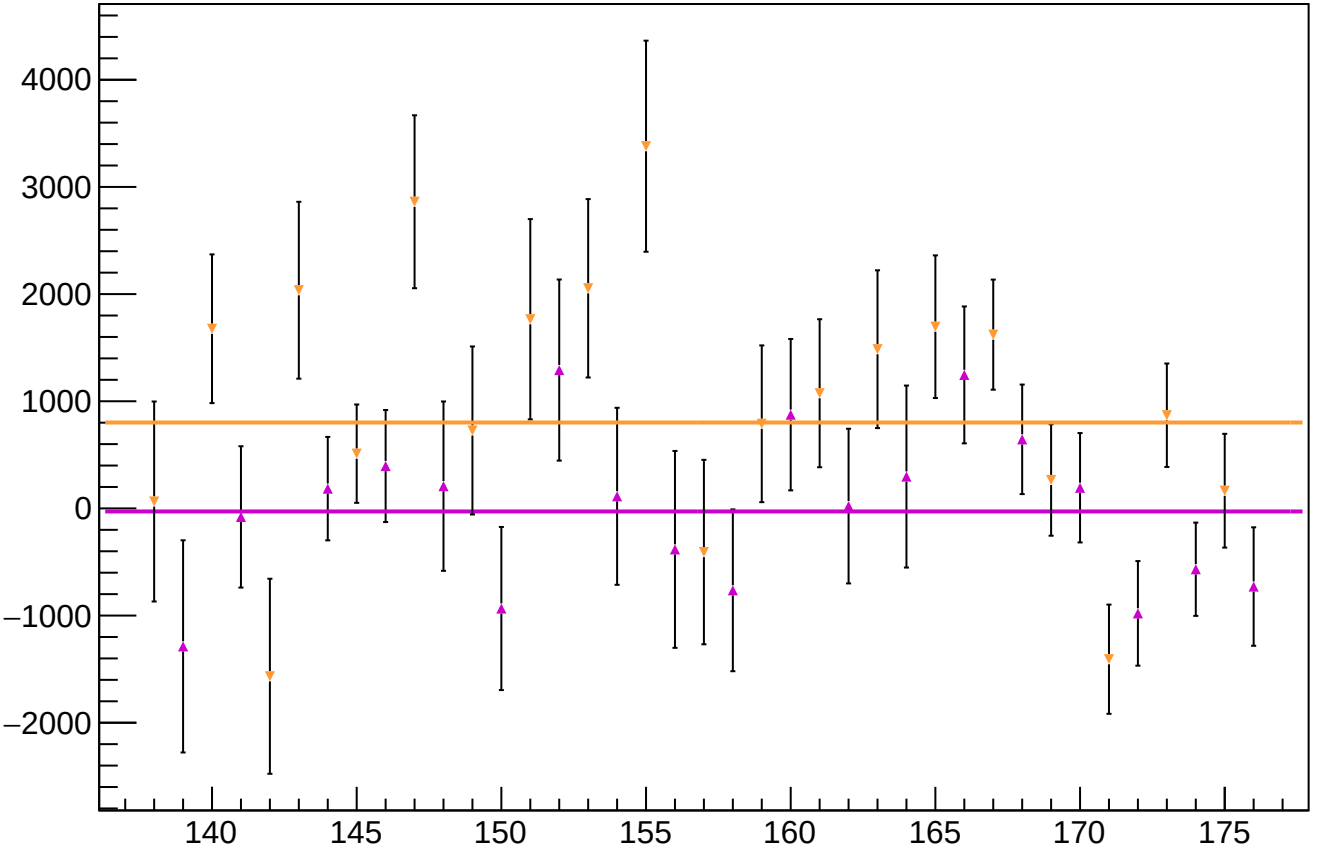
In: 118.729+/-142.313 χ^2/NDF:22.7/18

Out: -690.900+/-146.765 χ^2/NDF:62.3/19

All: -273.619+/-102.168 χ^2/NDF: 100.6/38


asym_sam_37_avg_correction_rms vs Slug, Sign Corrected
900
800
700
600
500
400
140
145
150
155
160
165
170
175
Right In: 0.000+/-0.000 χ2/NDF: 0.0/0
Left Out: 550.027+/-0.104 χ2/NDF:1832412.9/19
Right Out: 0.000+/-0.000 χ2/NDF: 0.0/0
Left In: 531.841+/-0.101 χ2/NDF:1798003.4/18
Left: 540.654+/-0.072 χ2/NDF: 3646244.3/38
Right: 0.000+/-0.000 χ2/NDF: 0.0/0
In: 531.841+/-0.101 χ2/NDF:1798003.4/18
Out: 550.027+/-0.104 χ2/NDF:1832412.9/19
All: 540.654+/-0.072 χ2/NDF: 3646244.3/38

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 801.699+/-147.396 χ^2/NDF:57.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -28.547+/-143.470 χ^2/NDF:22.2/18

Left: 375.372+/-102.809 χ^2/NDF: 95.5/38

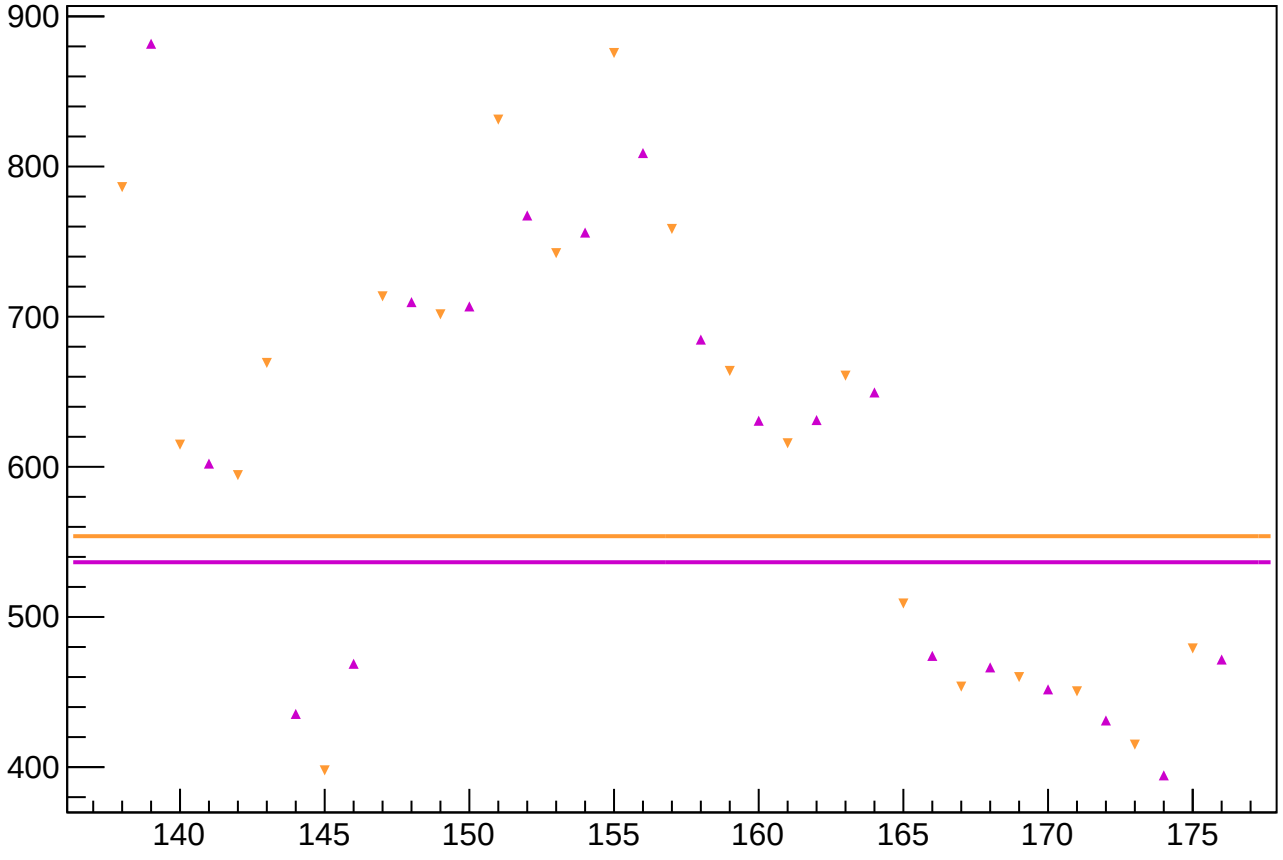
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -28.547+/-143.470 χ^2/NDF:22.2/18

Out: 801.699+/-147.396 χ^2/NDF:57.0/19

All: 375.372+/-102.809 χ^2/NDF: 95.5/38

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 553.800+/-0.104 χ^2/NDF:1709640.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 536.454+/-0.101 χ^2/NDF:1675091.8/18

Left: 544.893+/-0.073 χ^2/NDF: 3398955.7/38

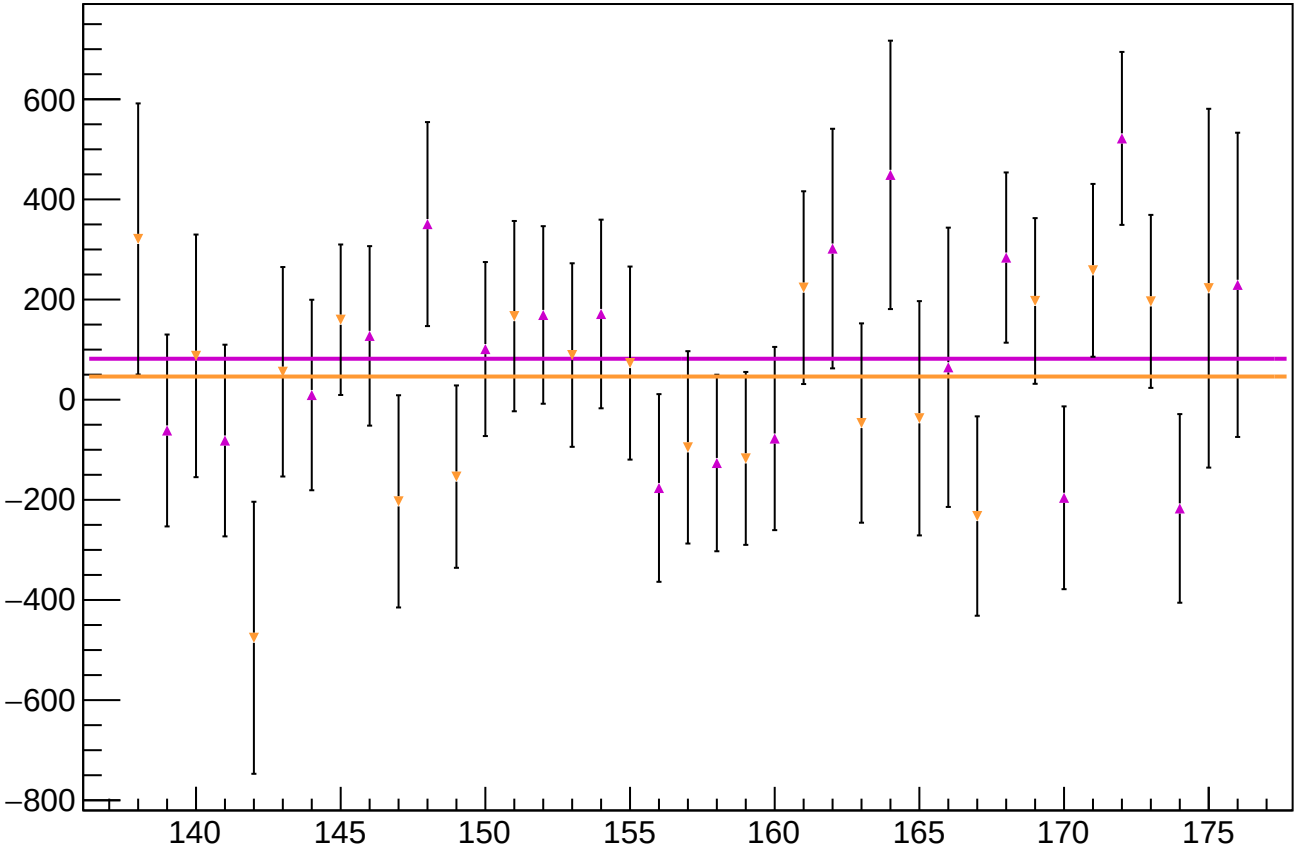
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 536.454+/-0.101 χ^2/NDF:1675091.8/18

Out: 553.800+/-0.104 χ^2/NDF:1709640.7/19

All: 544.893+/-0.073 χ^2/NDF: 3398955.7/38

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 46.251+/-44.025 χ^2/NDF:16.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 81.765+/-44.613 χ^2/NDF:23.5/18

Left: 63.773+/-31.336 χ^2/NDF: 40.1/38

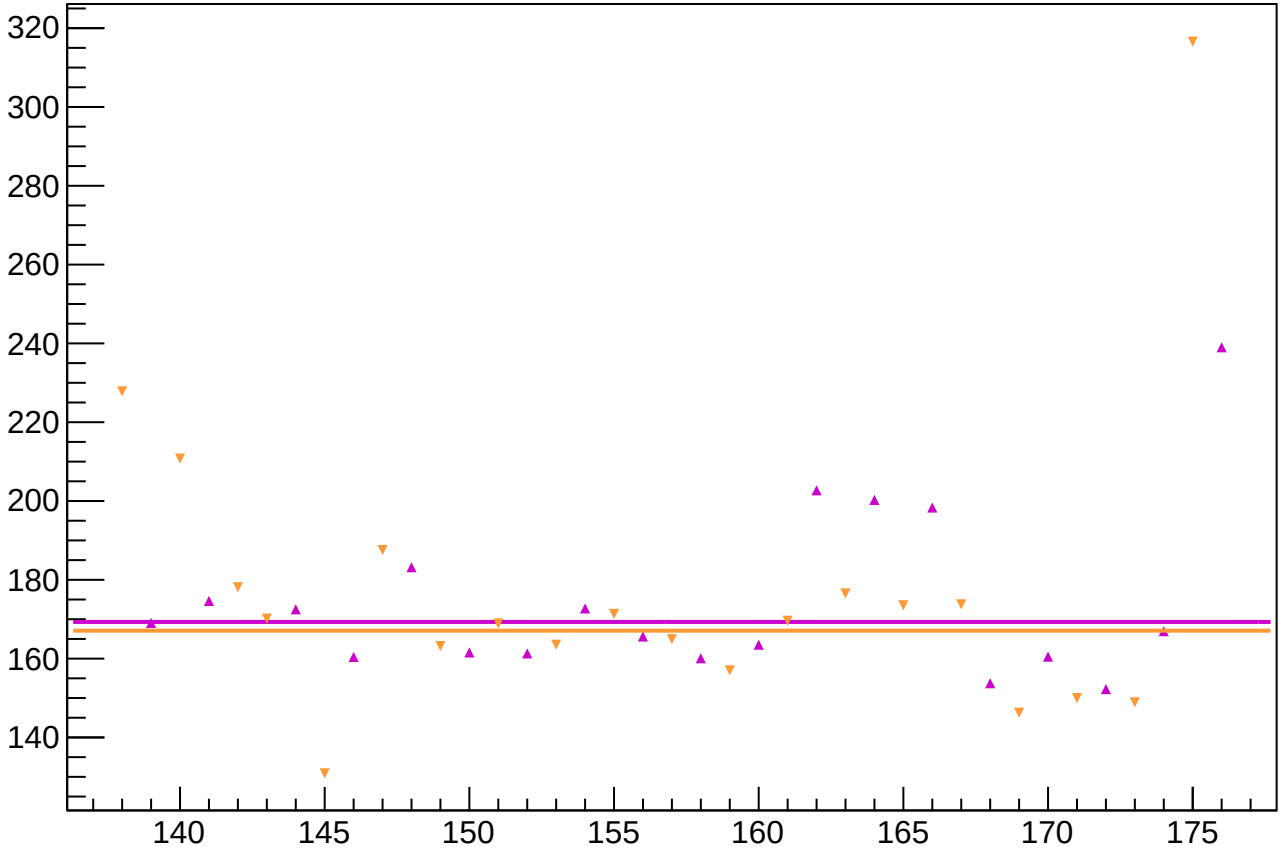
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 81.765+/-44.613 χ^2/NDF:23.5/18

Out: 46.251+/-44.025 χ^2/NDF:16.3/19

All: 63.773+/-31.336 χ^2/NDF: 40.1/38

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 167.096+/-0.031 χ^2/NDF:744234.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 169.315+/-0.032 χ^2/NDF:267024.1/18

Left: 168.191+/-0.022 χ^2/NDF: 1013764.0/38

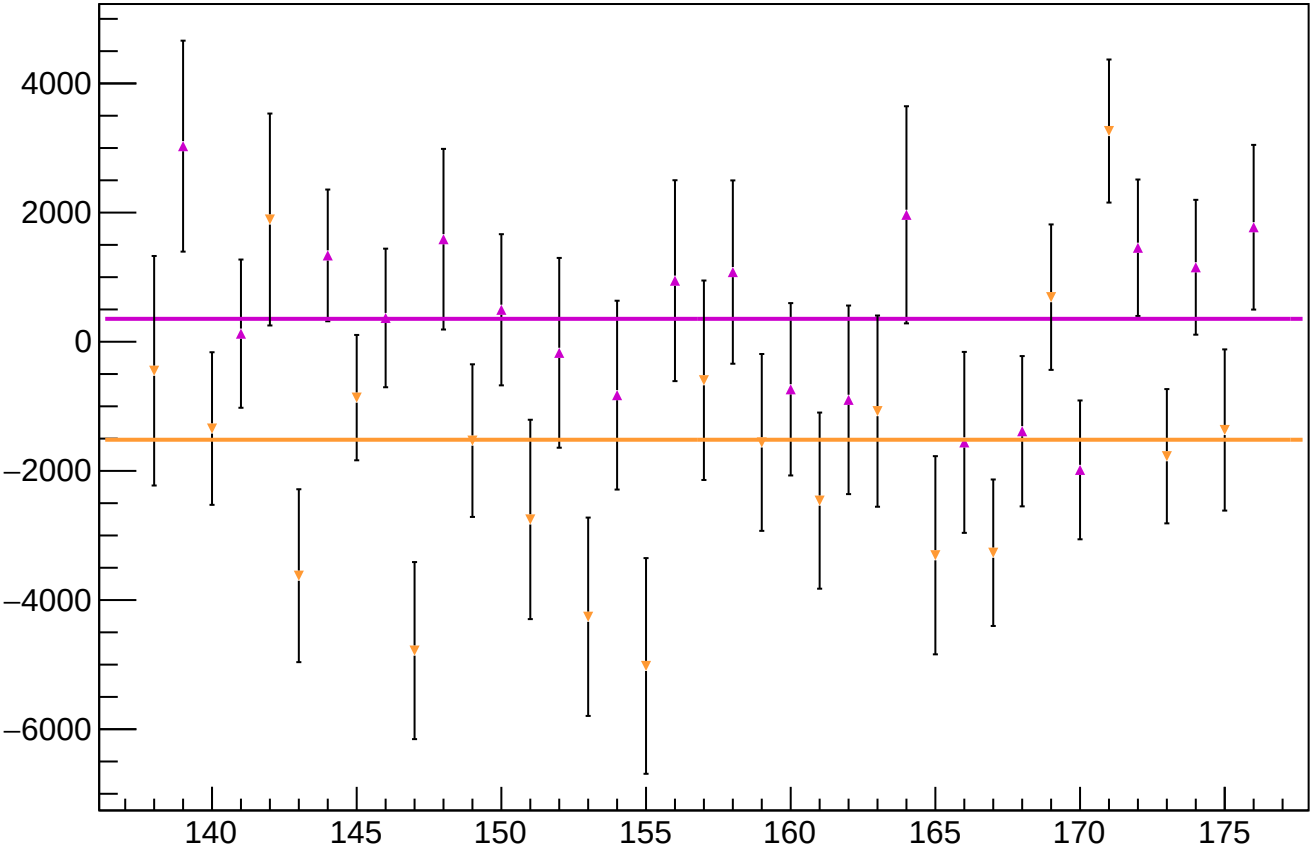
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 169.315+/-0.032 χ^2/NDF:267024.1/18

Out: 167.096+/-0.031 χ^2/NDF:744234.7/19

All: 168.191+/-0.022 χ^2/NDF: 1013764.0/38

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1517.449+/-291.207 χ^2/NDF:48.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 354.833+/-289.027 χ^2/NDF:19.7/18

Left: -574.275+/-205.139 χ^2/NDF: 89.2/38

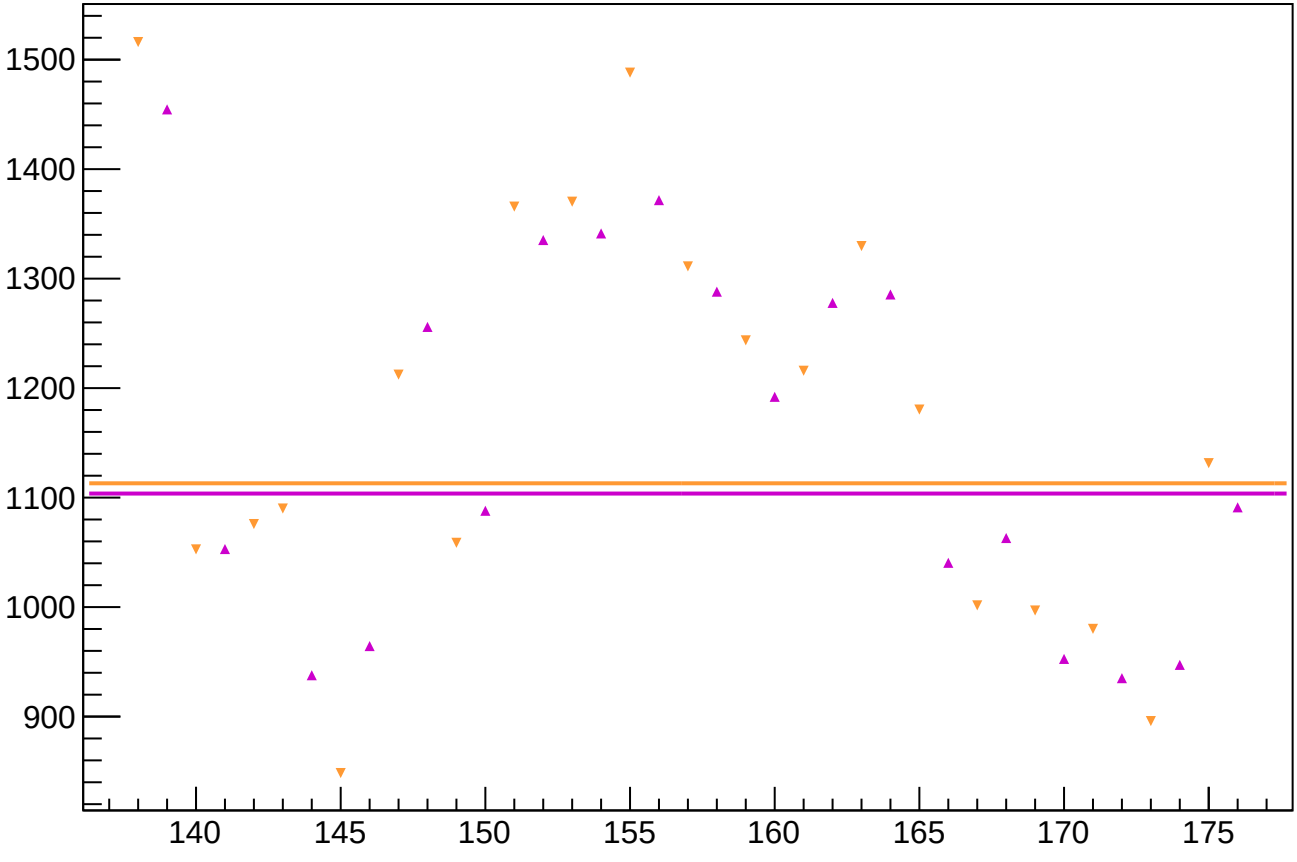
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 354.833+/-289.027 χ^2/NDF:19.7/18

Out: -1517.449+/-291.207 χ^2/NDF:48.7/19

All: -574.275+/-205.139 χ^2/NDF: 89.2/38

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1113.065+/-0.206 χ^2/NDF:749901.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1103.698+/-0.204 χ^2/NDF:605099.1/18

Left: 1108.346+/-0.145 χ^2/NDF: 1356043.0/38

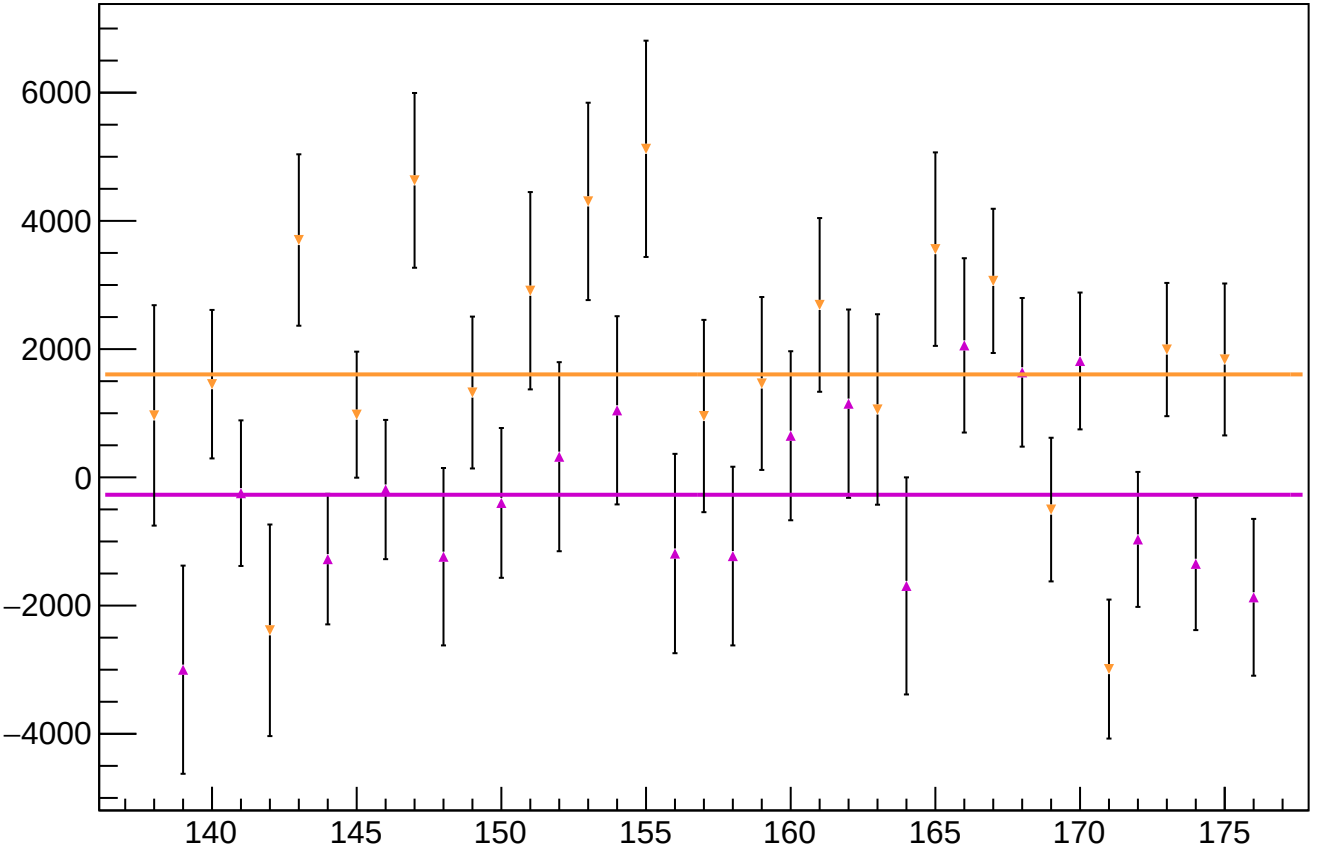
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1103.698+/-0.204 χ^2/NDF:605099.1/18

Out: 1113.065+/-0.206 χ^2/NDF:749901.3/19

All: 1108.346+/-0.145 χ^2/NDF: 1356043.0/38

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1605.700+/-288.642 χ^2/NDF:48.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -271.493+/-287.073 χ^2/NDF:20.9/18

Left: 661.987+/-203.543 χ^2/NDF: 90.2/38

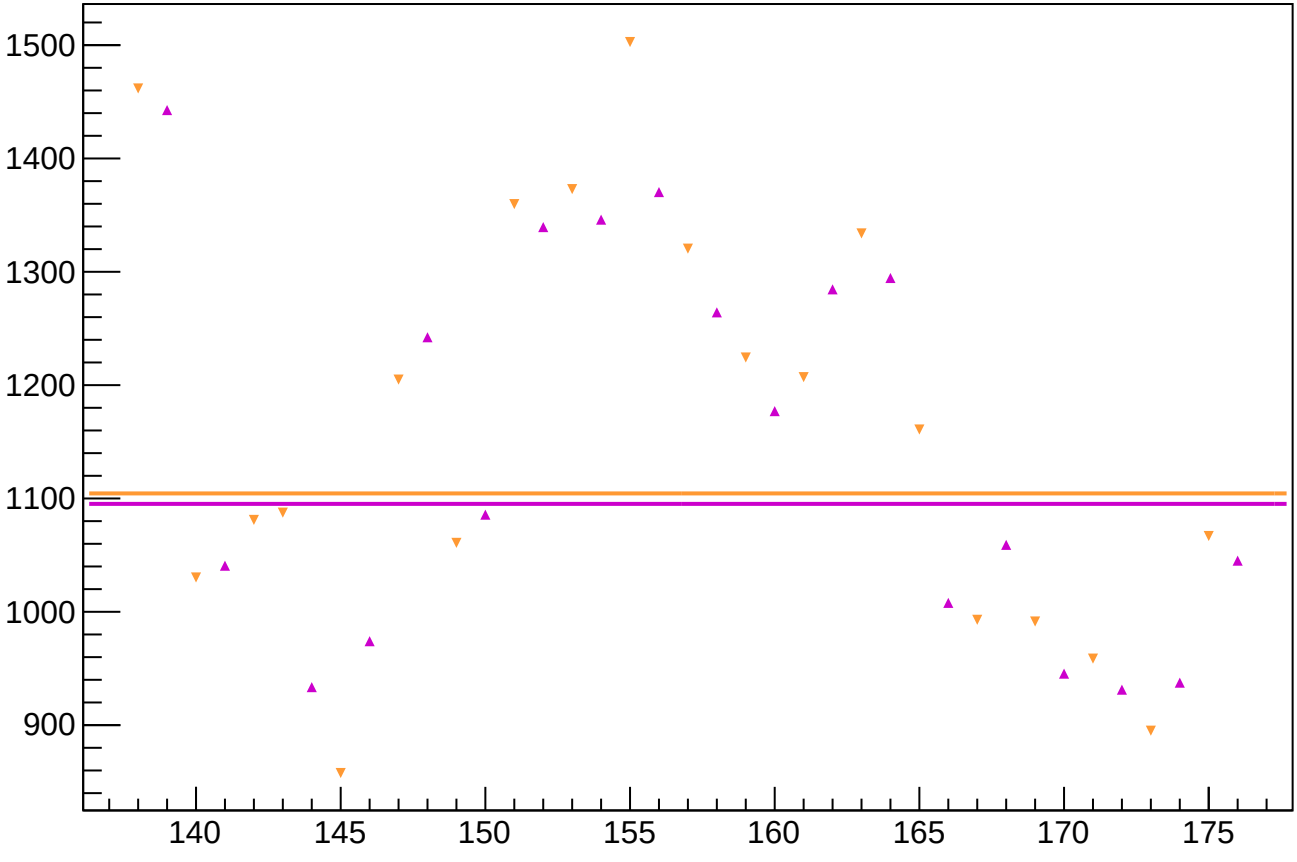
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -271.493+/-287.073 χ^2/NDF:20.9/18

Out: 1605.700+/-288.642 χ^2/NDF:48.0/19

All: 661.987+/-203.543 χ^2/NDF: 90.2/38

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1104.456+/-0.204 χ^2/NDF:741023.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1095.227+/-0.203 χ^2/NDF:616345.8/18

Left: 1099.816+/-0.144 χ^2/NDF: 1358396.9/38

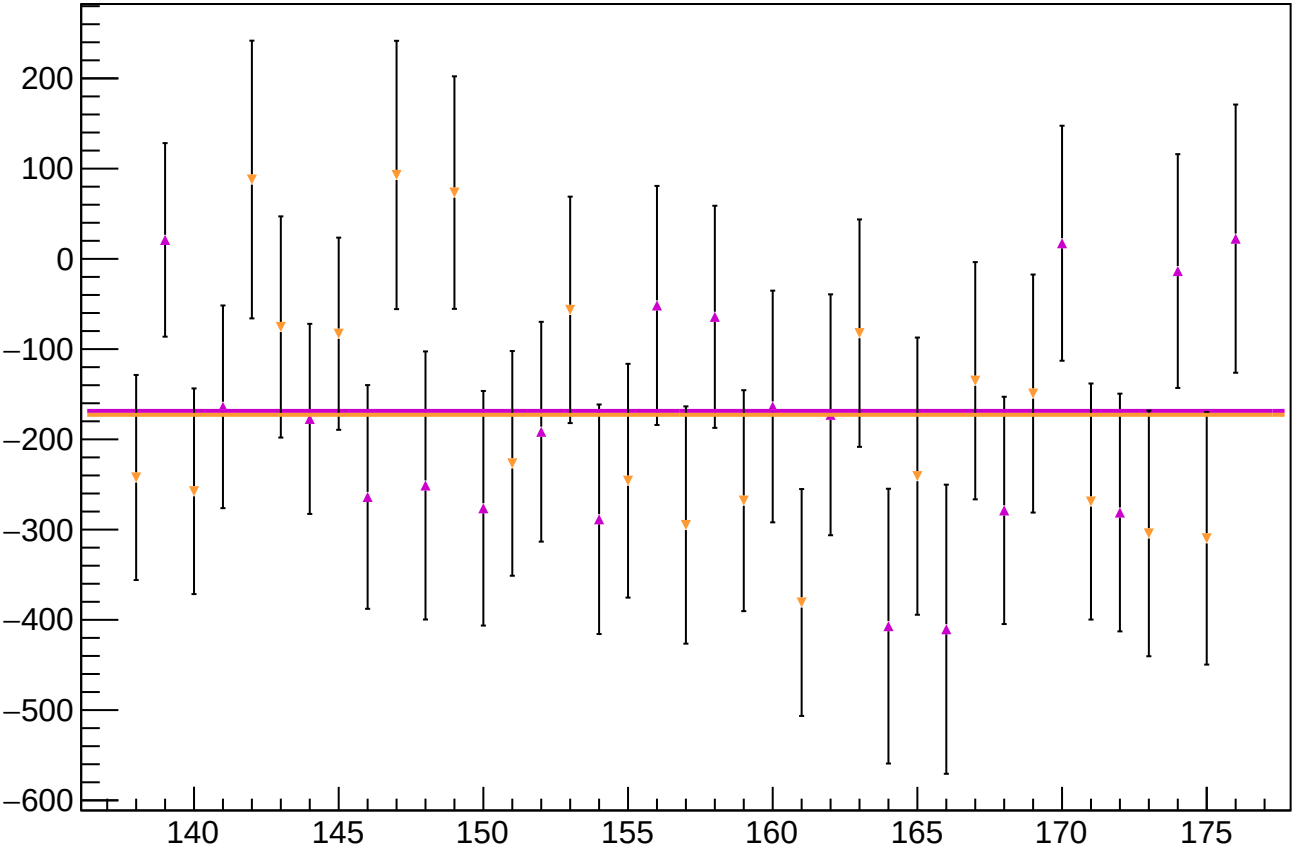
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1095.227+/-0.203 χ^2/NDF:616345.8/18

Out: 1104.456+/-0.204 χ^2/NDF:741023.1/19

All: 1099.816+/-0.144 χ^2/NDF: 1358396.9/38

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -172.794+/-28.668 χ^2/NDF:20.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -168.474+/-29.338 χ^2/NDF:18.5/18

Left: -170.684+/-20.504 χ^2/NDF: 39.3/38

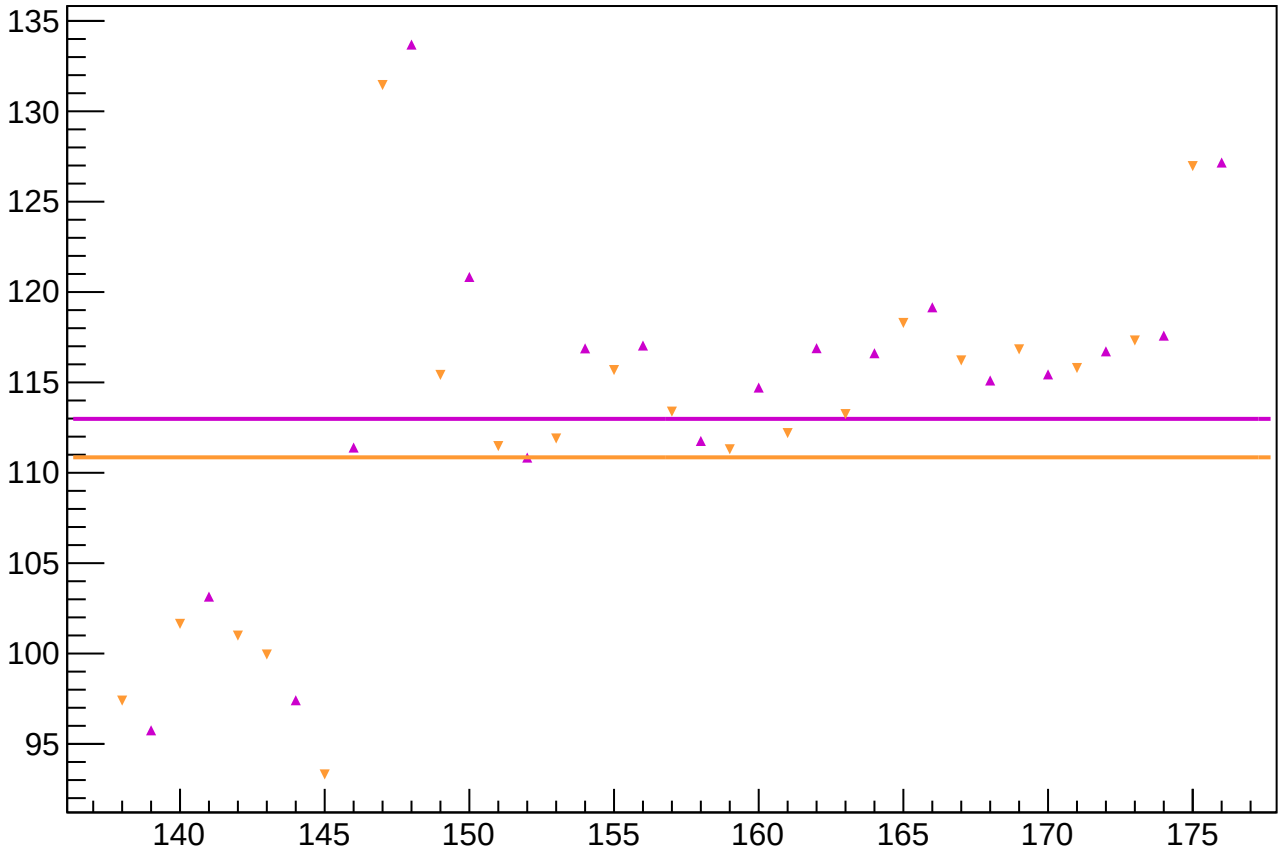
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -168.474+/-29.338 χ^2/NDF:18.5/18

Out: -172.794+/-28.668 χ^2/NDF:20.8/19

All: -170.684+/-20.504 χ^2/NDF: 39.3/38

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 110.855+/-0.020 χ^2/NDF:211087.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 112.983+/-0.021 χ^2/NDF:191556.0/18

Left: 111.895+/-0.014 χ^2/NDF: 408026.6/38

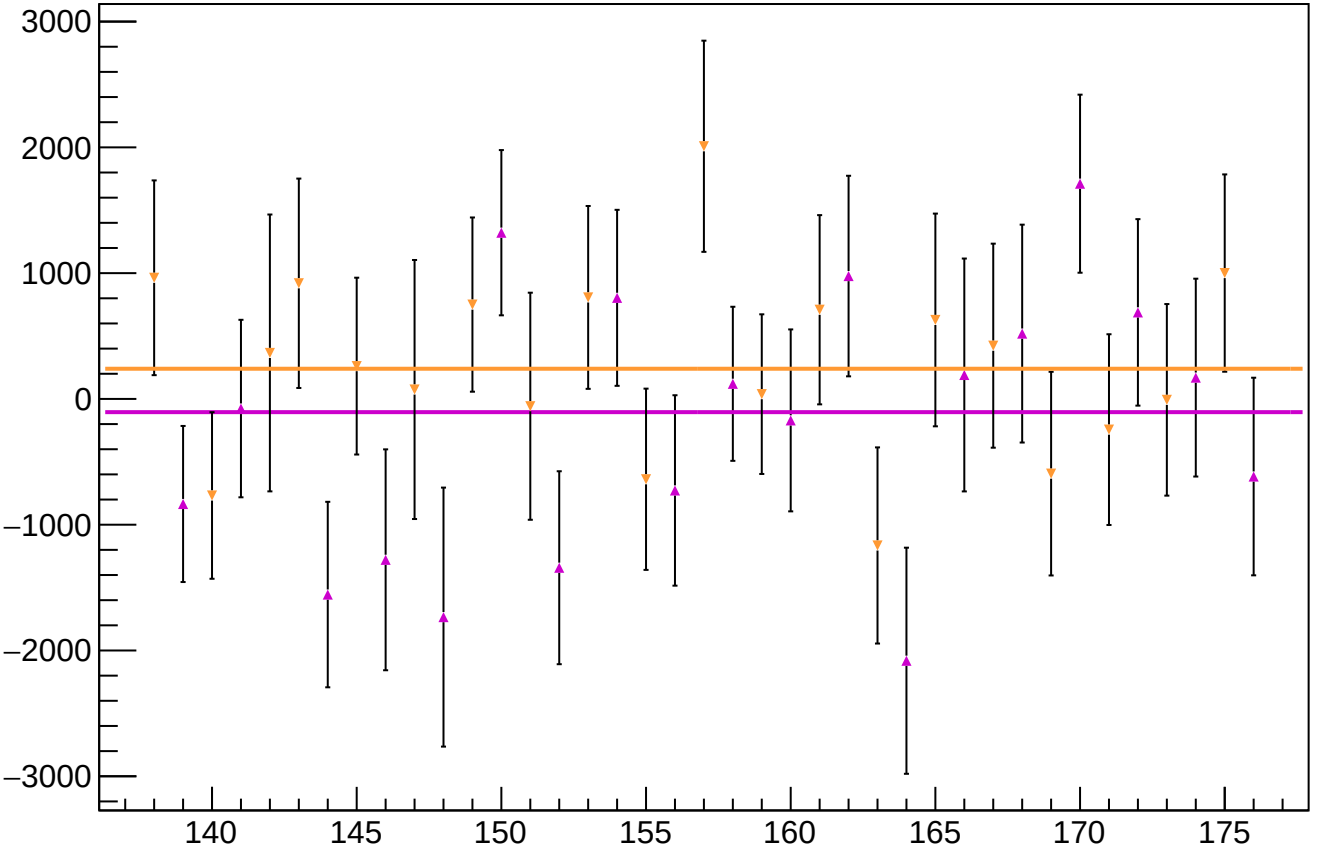
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 112.983+/-0.021 χ^2/NDF:191556.0/18

Out: 110.855+/-0.020 χ^2/NDF:211087.4/19

All: 111.895+/-0.014 χ^2/NDF: 408026.6/38

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 239.994+/-173.646 χ^2/NDF:17.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -105.117+/-172.944 χ^2/NDF:34.9/18

Left: 66.740+/-122.537 χ^2/NDF: 54.5/38

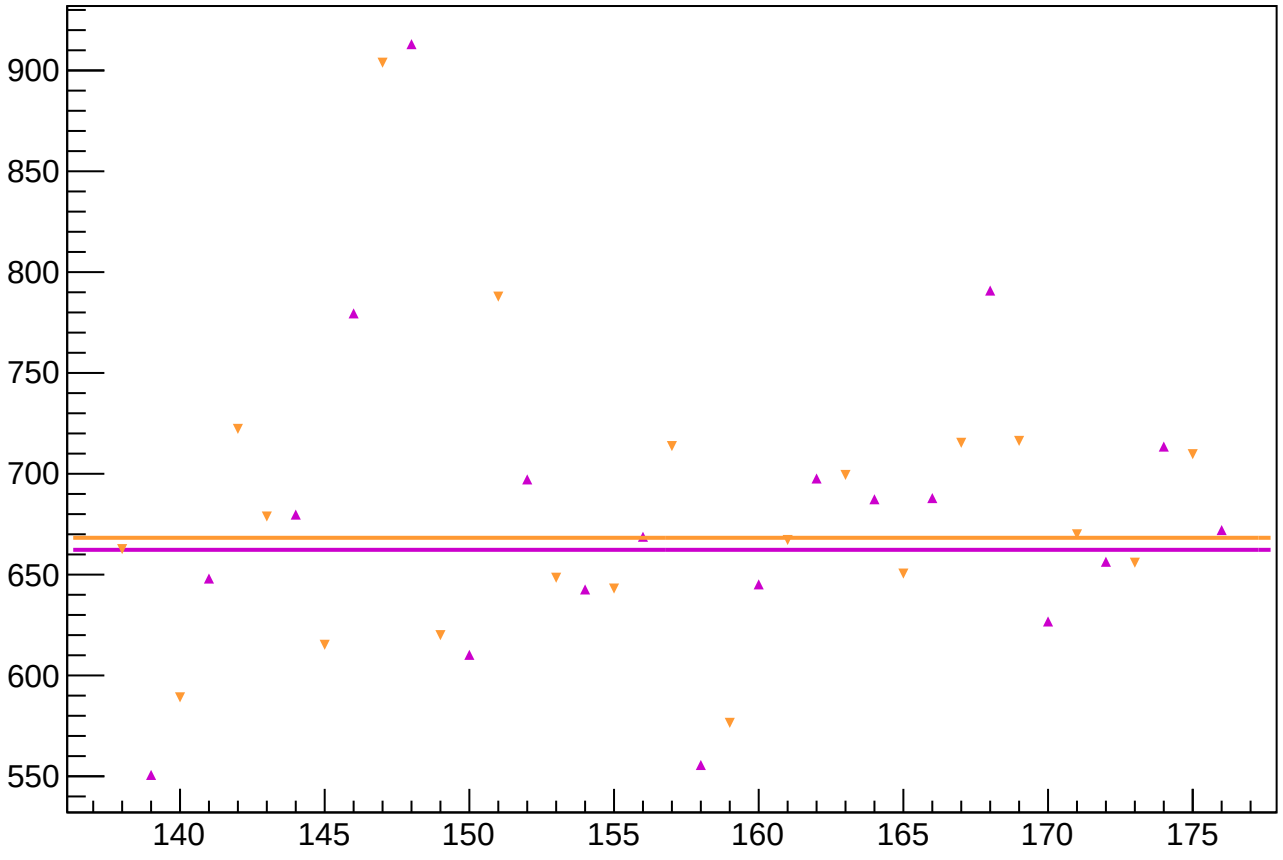
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -105.117+/-172.944 χ^2/NDF:34.9/18

Out: 239.994+/-173.646 χ^2/NDF:17.6/19

All: 66.740+/-122.537 χ^2/NDF: 54.5/38

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 668.259+/-0.123 χ^2/NDF:270318.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 662.292+/-0.122 χ^2/NDF:366263.1/18

Left: 665.264+/-0.087 χ^2/NDF: 637767.1/38

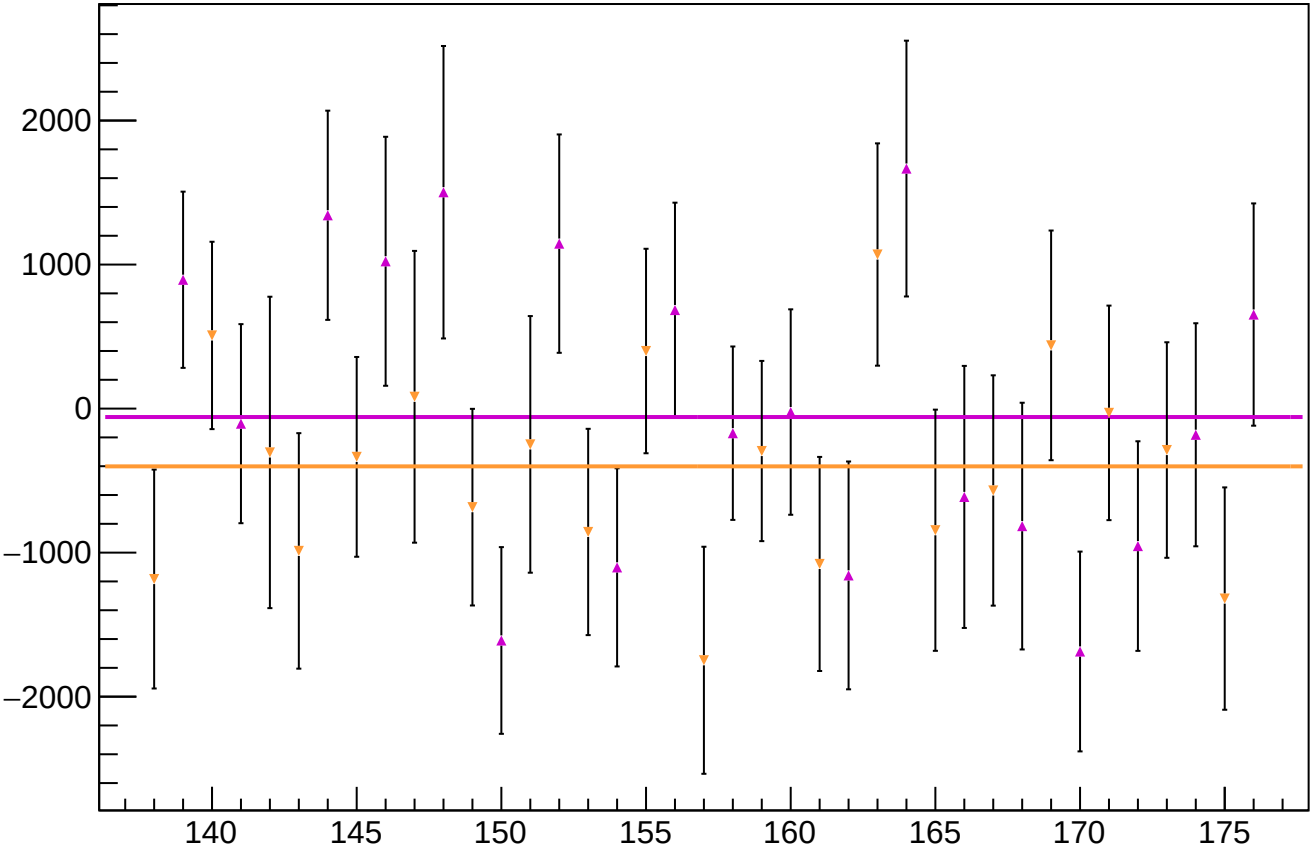
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 662.292+/-0.122 χ^2/NDF:366263.1/18

Out: 668.259+/-0.123 χ^2/NDF:270318.4/19

All: 665.264+/-0.087 χ^2/NDF: 637767.1/38

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -401.111+/-170.686 χ^2/NDF:16.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -58.532+/-170.298 χ^2/NDF:36.4/18

Left: -229.432+/-120.556 χ^2/NDF: 54.6/38

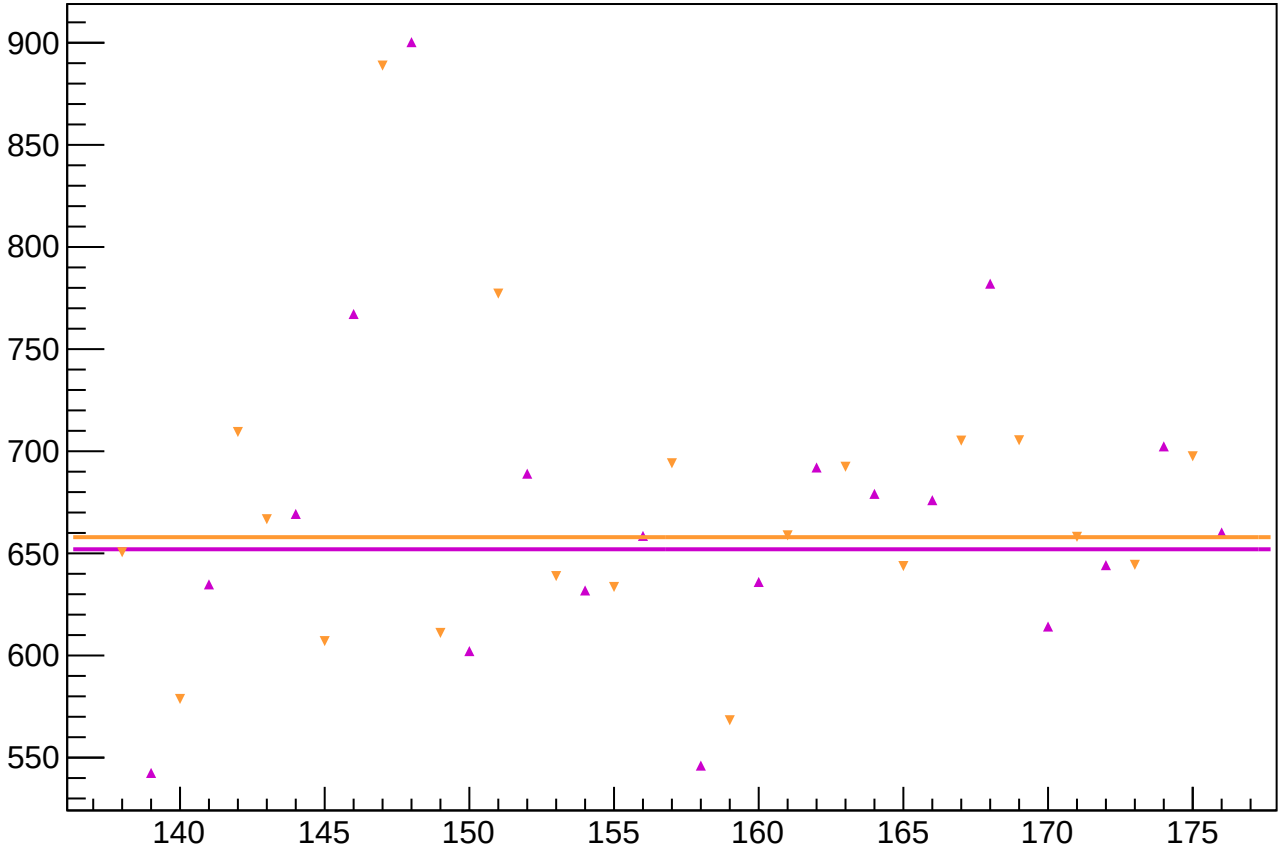
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -58.532+/-170.298 χ^2/NDF:36.4/18

Out: -401.111+/-170.686 χ^2/NDF:16.2/19

All: -229.432+/-120.556 χ^2/NDF: 54.6/38

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 657.935+/-0.121 χ^2/NDF:268171.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 652.007+/-0.120 χ^2/NDF:372325.7/18

Left: 654.964+/-0.085 χ^2/NDF: 641706.1/38

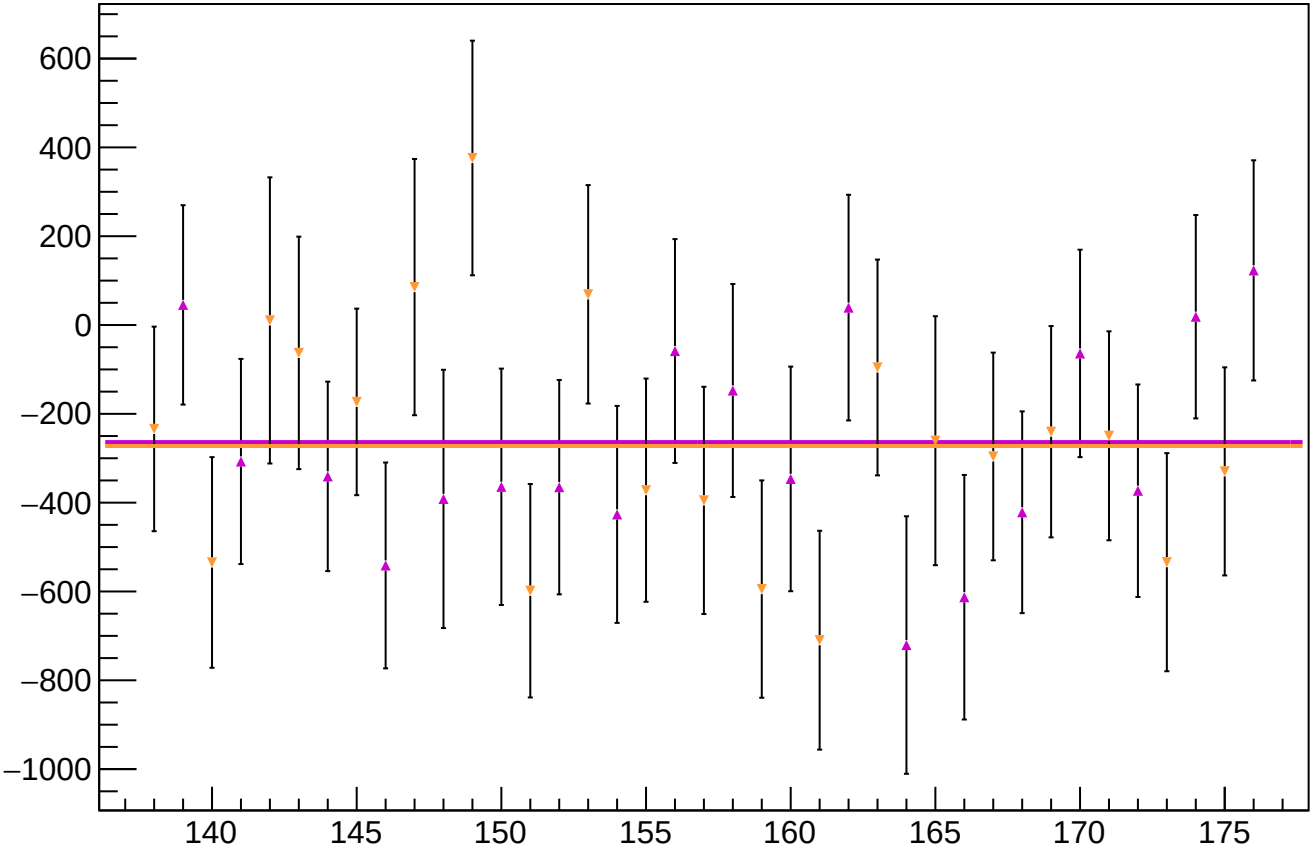
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 652.007+/-0.120 χ^2/NDF:372325.7/18

Out: 657.935+/-0.121 χ^2/NDF:268171.4/19

All: 654.964+/-0.085 χ^2/NDF: 641706.1/38

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -272.468+/-55.345 χ^2/NDF:21.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -263.597+/-55.996 χ^2/NDF:16.4/18

Left: -268.084+/-39.363 χ^2/NDF: 37.6/38

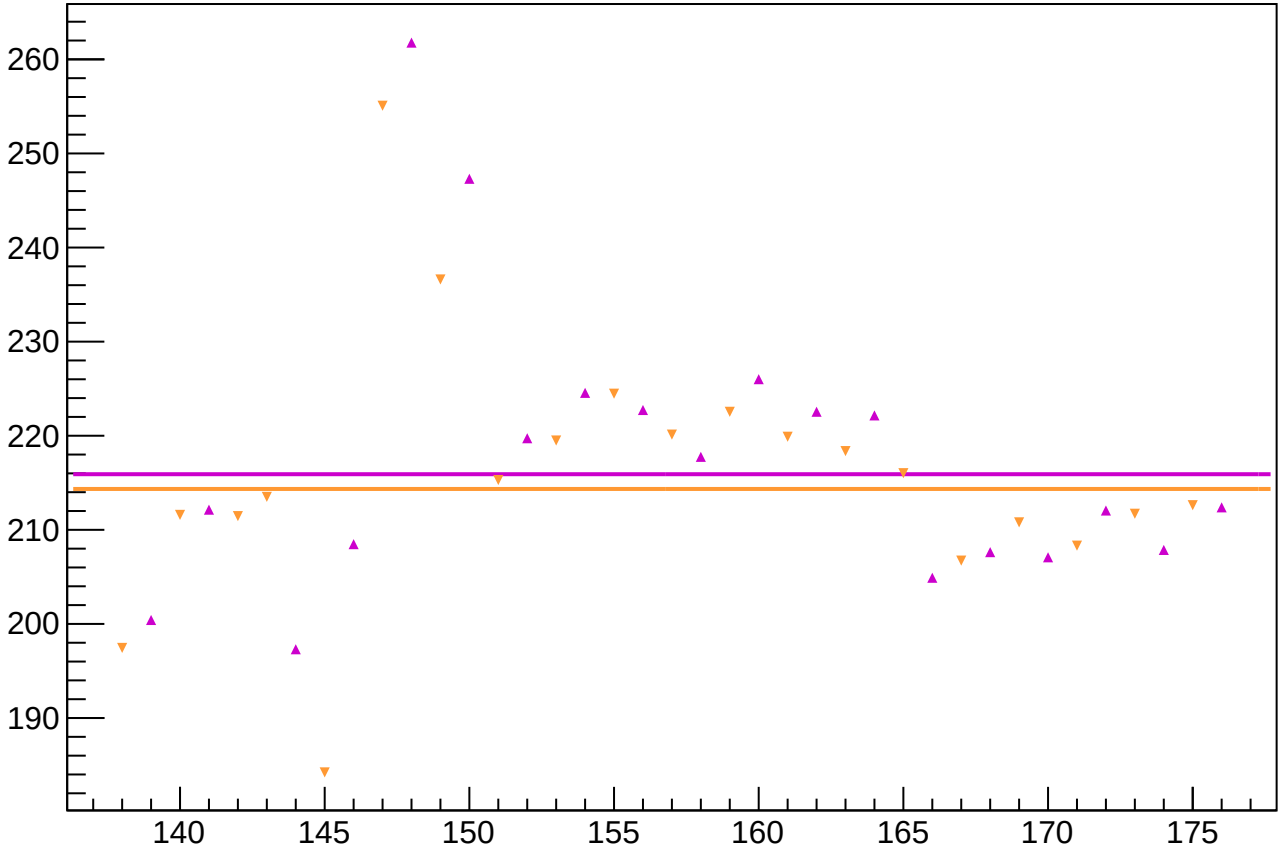
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -263.597+/-55.996 χ^2/NDF:16.4/18

Out: -272.468+/-55.345 χ^2/NDF:21.3/19

All: -268.084+/-39.363 χ^2/NDF: 37.6/38

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 214.343+/-0.039 χ^2/NDF:119665.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 215.911+/-0.040 χ^2/NDF:127106.7/18

Left: 215.118+/-0.028 χ^2/NDF: 247564.7/38

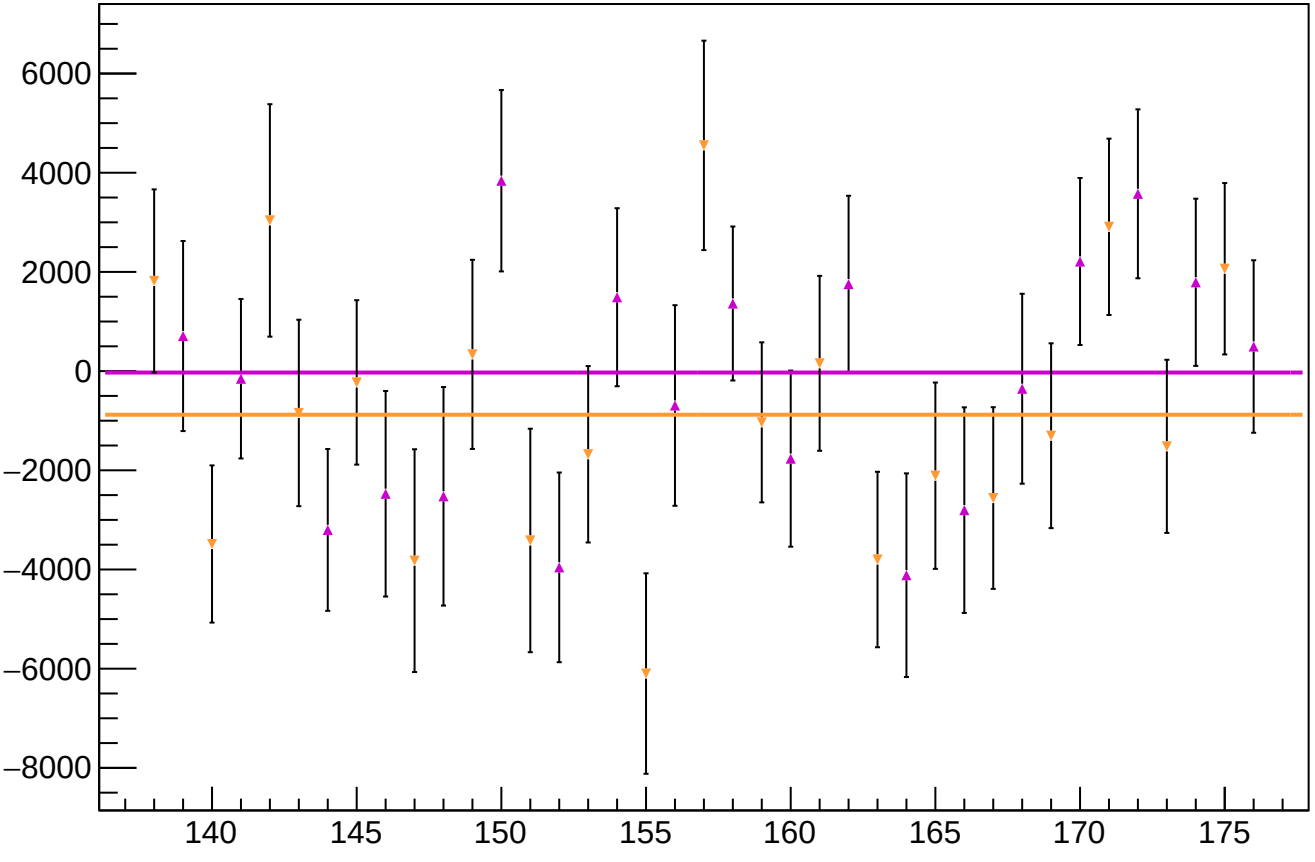
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 215.911+/-0.040 χ^2/NDF:127106.7/18

Out: 214.343+/-0.039 χ^2/NDF:119665.0/19

All: 215.118+/-0.028 χ^2/NDF: 247564.7/38

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -879.136+/-413.421 χ^2/NDF:36.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -28.788+/-416.235 χ^2/NDF:32.2/18

Left: -456.847+/-293.323 χ^2/NDF: 70.9/38

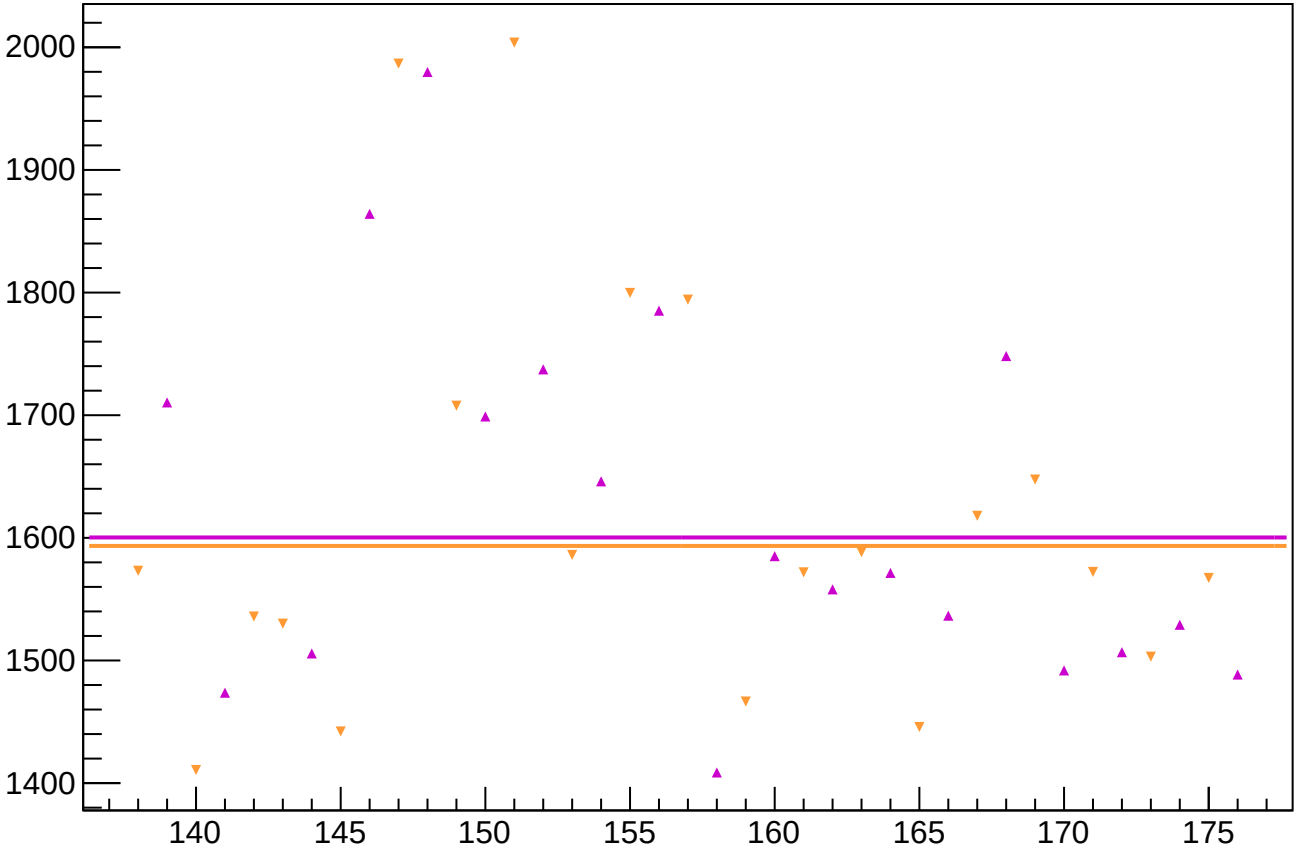
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -28.788+/-416.235 χ^2/NDF:32.2/18

Out: -879.136+/-413.421 χ^2/NDF:36.6/19

All: -456.847+/-293.323 χ^2/NDF: 70.9/38

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1593.401+/-0.292 χ^2/NDF:253993.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1600.311+/-0.294 χ^2/NDF:223771.9/18

Left: 1596.833+/-0.207 χ^2/NDF: 478043.0/38

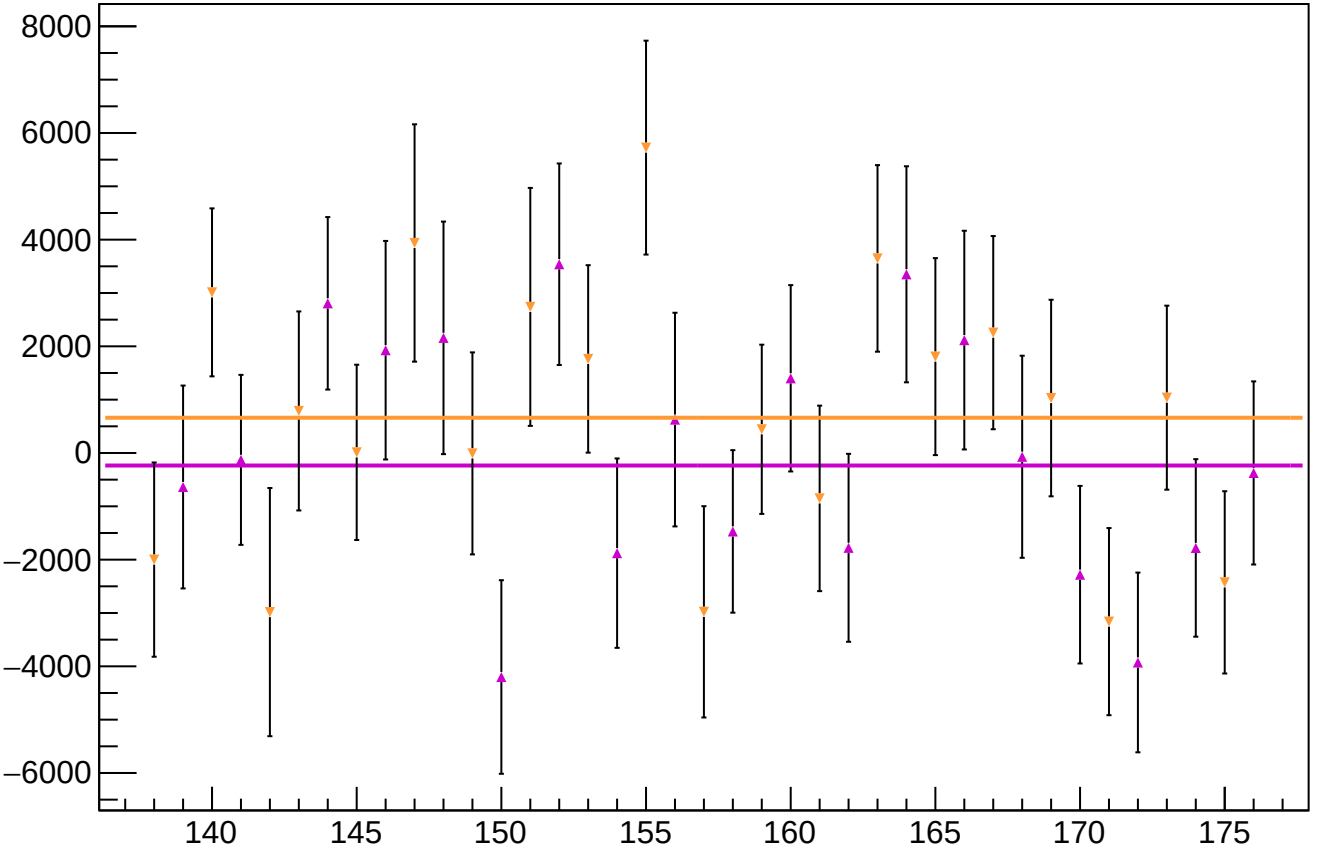
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1600.311+/-0.294 χ^2/NDF:223771.9/18

Out: 1593.401+/-0.292 χ^2/NDF:253993.7/19

All: 1596.833+/-0.207 χ^2/NDF: 478043.0/38

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 660.864+/-408.017 χ^2/NDF:33.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -234.947+/-411.497 χ^2/NDF:29.7/18

Left: 216.763+/-289.734 χ^2/NDF: 65.3/38

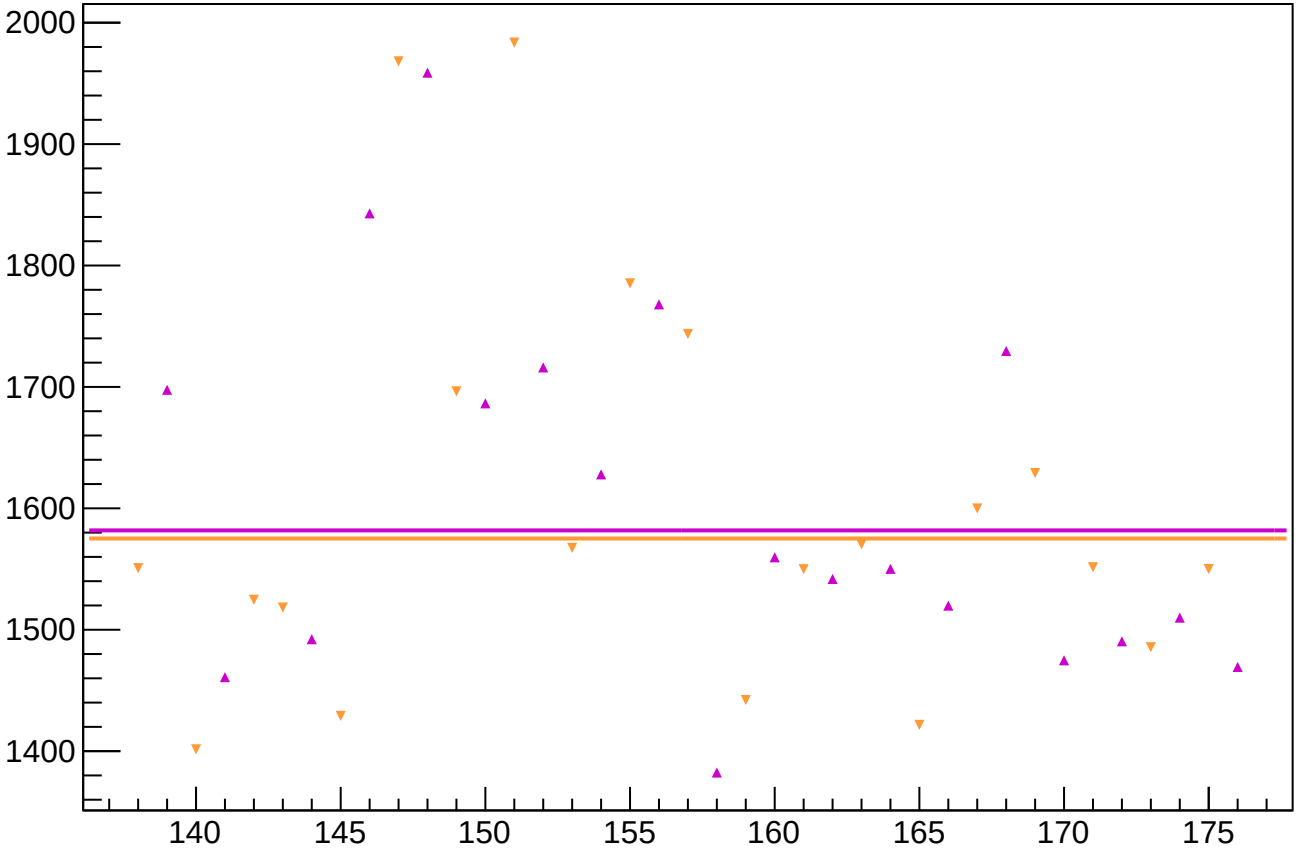
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -234.947+/-411.497 χ^2/NDF:29.7/18

Out: 660.864+/-408.017 χ^2/NDF:33.2/19

All: 216.763+/-289.734 χ^2/NDF: 65.3/38

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1575.156+/-0.289 χ^2/NDF:253967.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1581.823+/-0.291 χ^2/NDF:229303.3/18

Left: 1578.461+/-0.205 χ^2/NDF: 483535.4/38

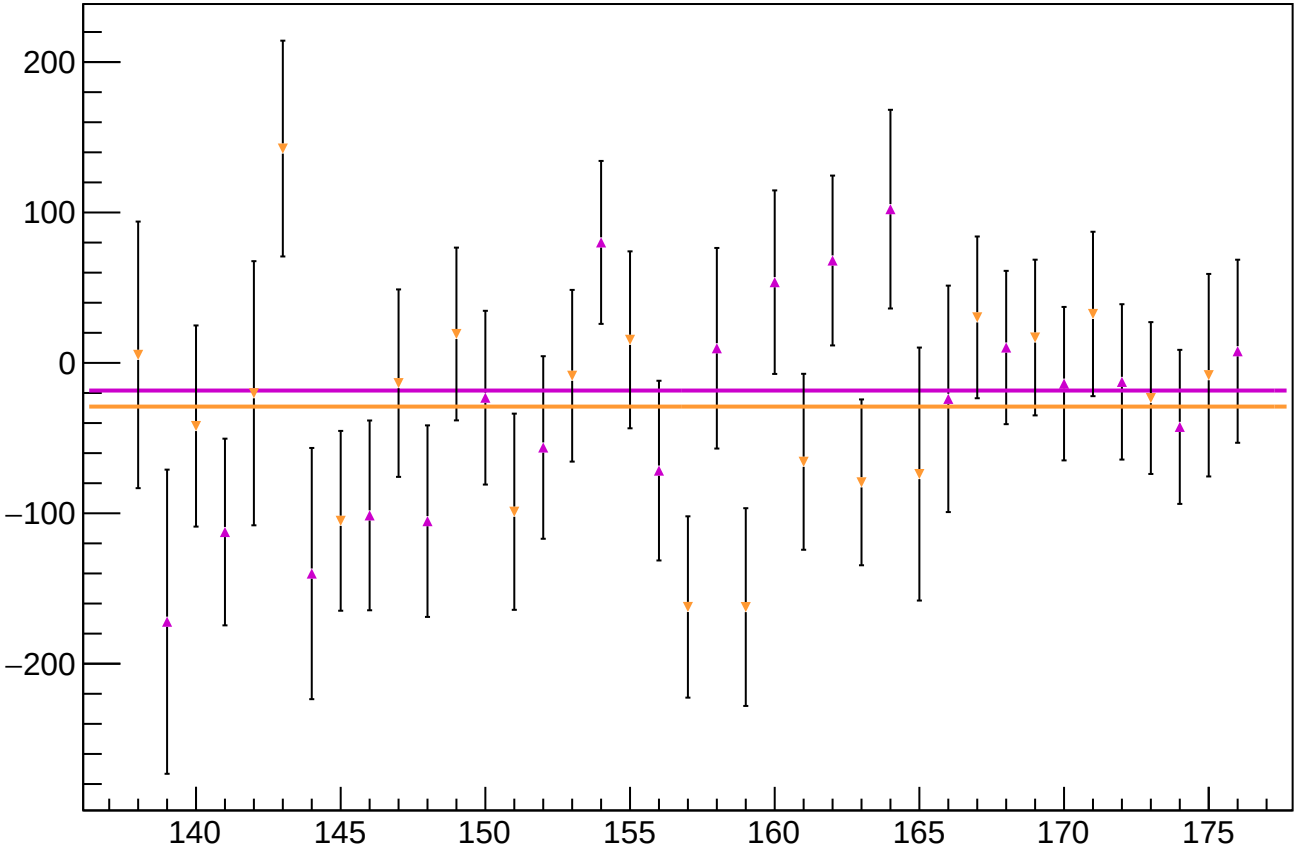
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1581.823+/-0.291 χ^2/NDF:229303.3/18

Out: 1575.156+/-0.289 χ^2/NDF:253967.3/19

All: 1578.461+/-0.205 χ^2/NDF: 483535.4/38

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -29.052+/-13.759 χ^2/NDF:24.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -18.382+/-13.869 χ^2/NDF:22.8/18

Left: -23.759+/-9.768 χ^2/NDF: 47.2/38

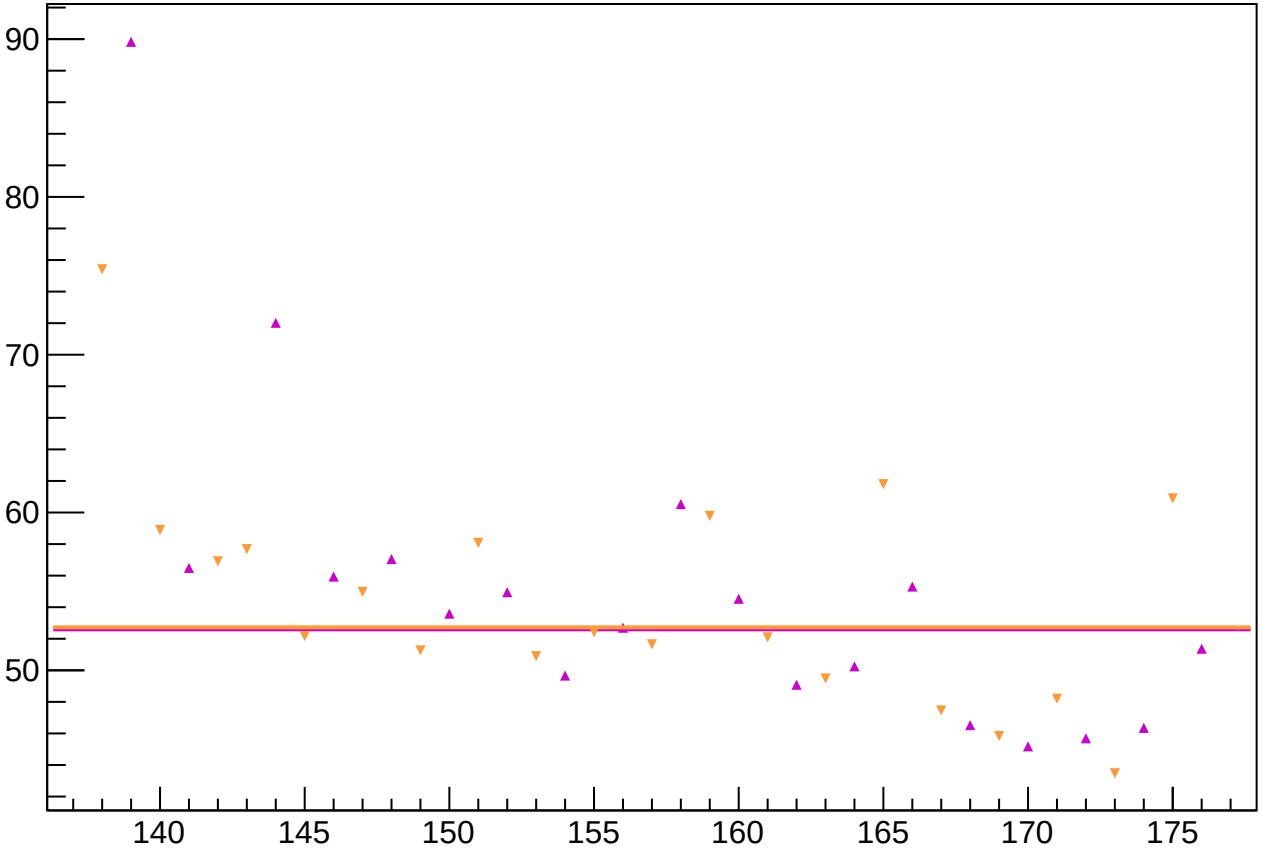
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.382+/-13.869 χ^2/NDF:22.8/18

Out: -29.052+/-13.759 χ^2/NDF:24.0/19

All: -23.759+/-9.768 χ^2/NDF: 47.2/38

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 52.723+/-0.010 χ^2/NDF:400746.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 52.598+/-0.010 χ^2/NDF:592257.9/18

Left: 52.661+/-0.007 χ^2/NDF: 993085.4/38

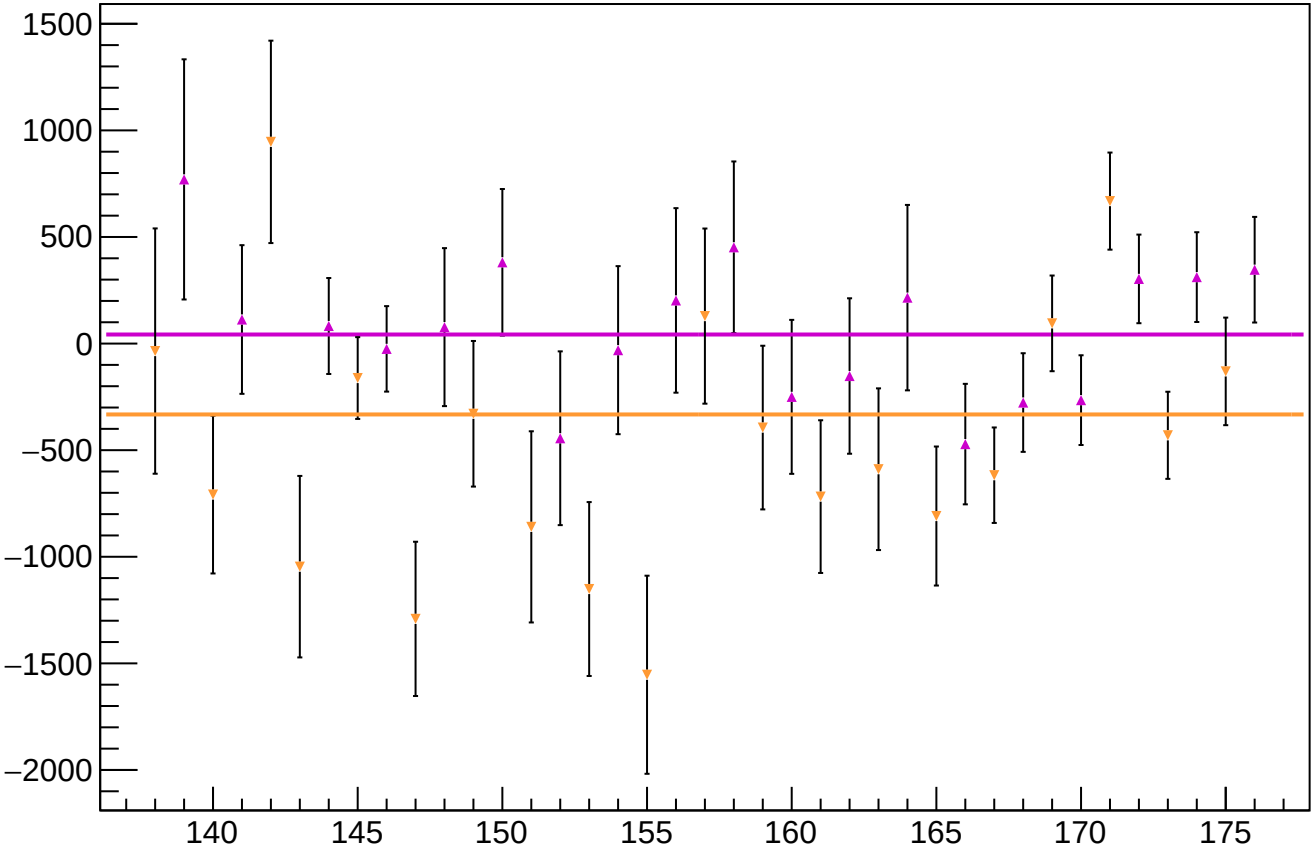
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 52.598+/-0.010 χ^2/NDF:592257.9/18

Out: 52.723+/-0.010 χ^2/NDF:400746.1/19

All: 52.661+/-0.007 χ^2/NDF: 993085.4/38

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -332.439+/-68.215 χ^2/NDF:62.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 42.537+/-65.656 χ^2/NDF:18.6/18

Left: -137.787+/-47.305 χ^2/NDF: 96.3/38

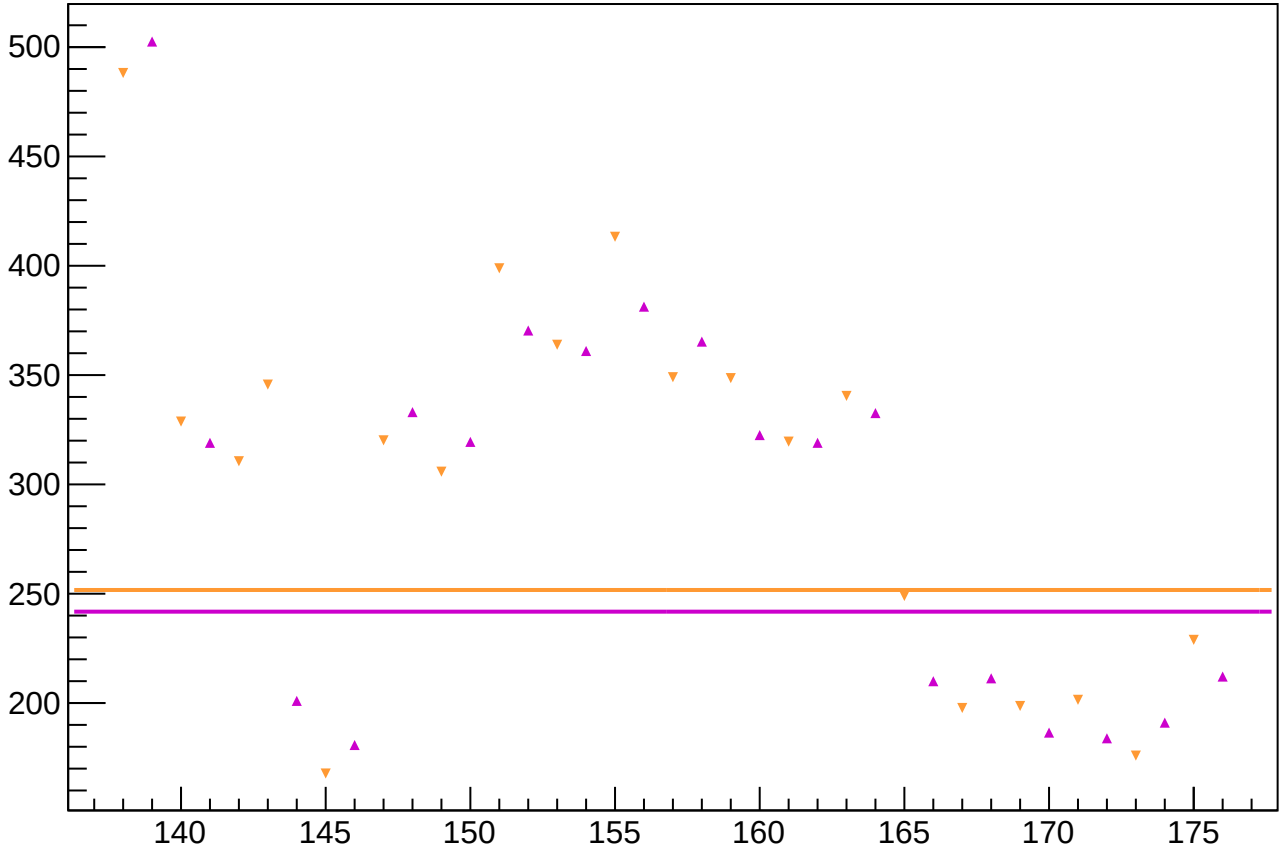
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 42.537+/-65.656 χ^2/NDF:18.6/18

Out: -332.439+/-68.215 χ^2/NDF:62.0/19

All: -137.787+/-47.305 χ^2/NDF: 96.3/38

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 251.707+/-0.048 χ^2/NDF:2703632.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 241.791+/-0.046 χ^2/NDF:2554872.5/18

Left: 246.560+/-0.033 χ^2/NDF: 5280442.5/38

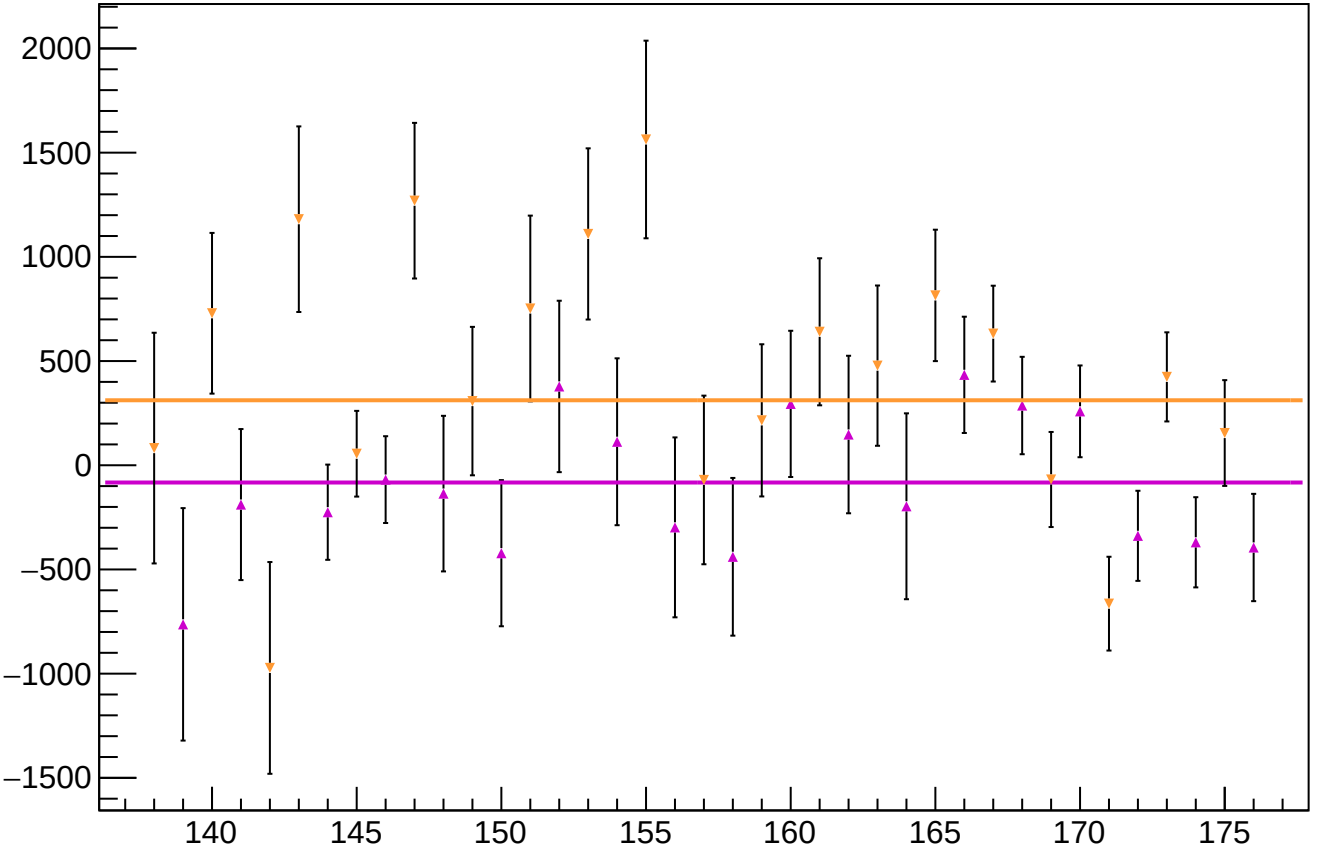
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 241.791+/-0.046 χ^2/NDF:2554872.5/18

Out: 251.707+/-0.048 χ^2/NDF:2703632.3/19

All: 246.560+/-0.033 χ^2/NDF: 5280442.5/38

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 311.840+/-69.546 χ^2/NDF:60.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -82.797+/-67.017 χ^2/NDF:20.1/18

Left: 107.217+/-48.258 χ^2/NDF: 96.9/38

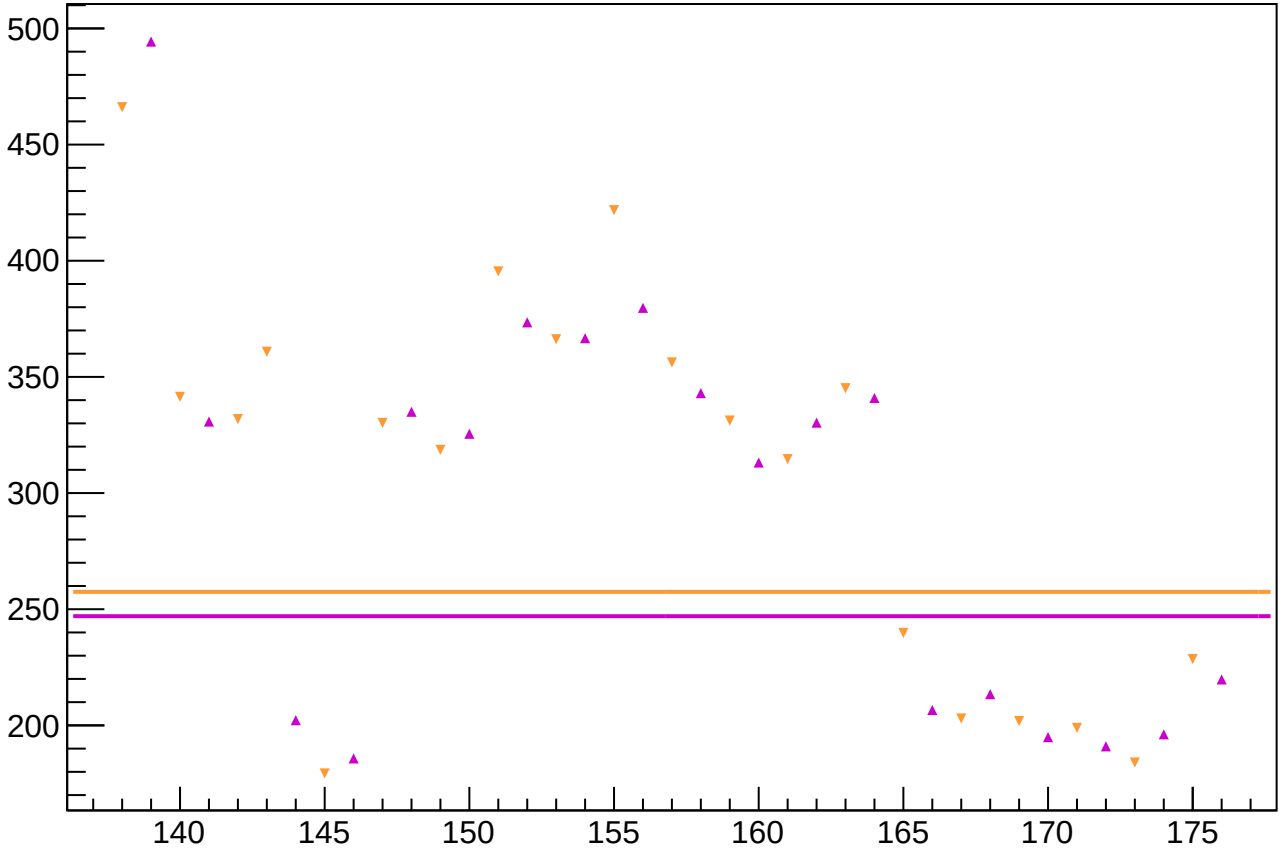
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -82.797+/-67.017 χ^2/NDF:20.1/18

Out: 311.840+/-69.546 χ^2/NDF:60.1/19

All: 107.217+/-48.258 χ^2/NDF: 96.9/38

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 257.476+/-0.049 χ^2/NDF:2517350.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 247.007+/-0.047 χ^2/NDF:2366044.9/18

Left: 252.047+/-0.034 χ^2/NDF: 4906894.4/38

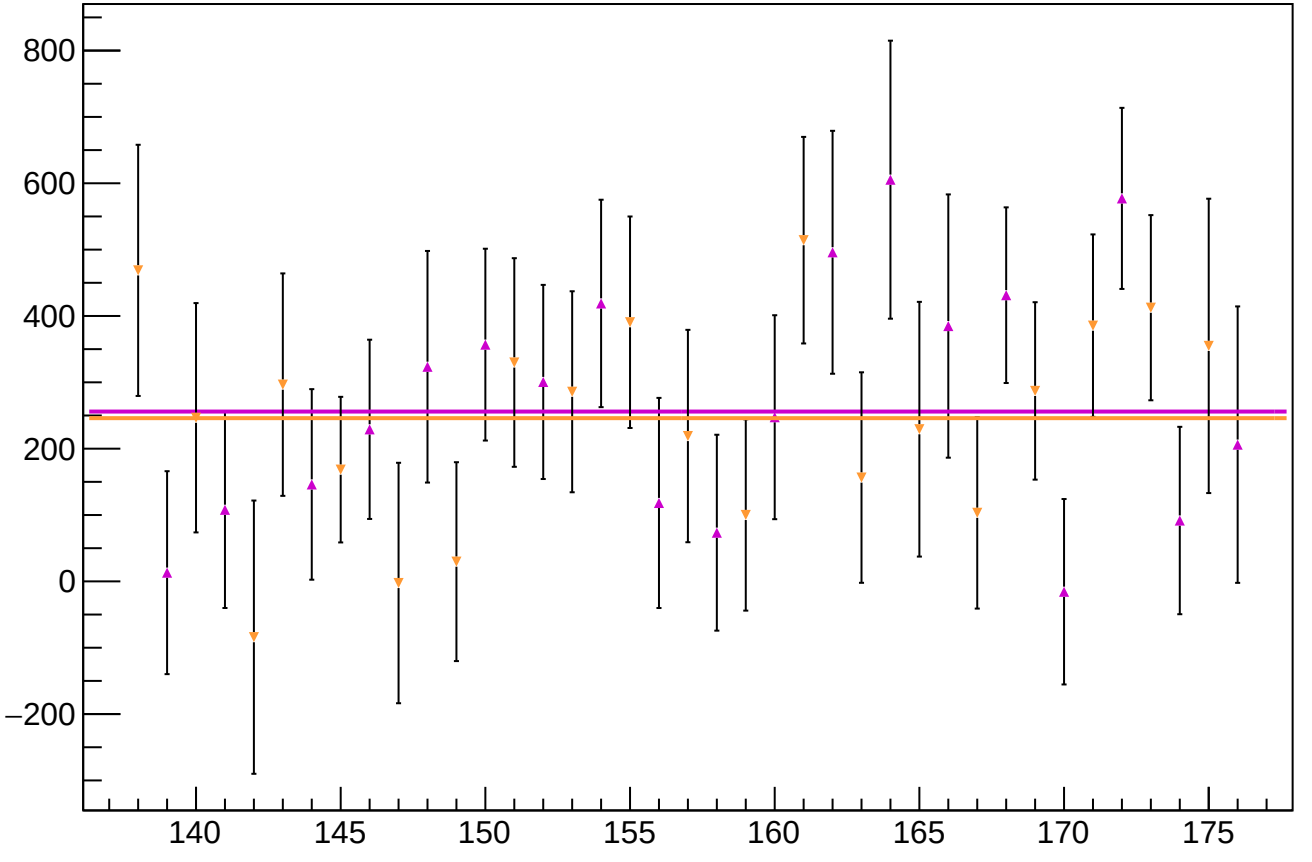
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 247.007+/-0.047 χ^2/NDF:2366044.9/18

Out: 257.476+/-0.049 χ^2/NDF:2517350.1/19

All: 252.047+/-0.034 χ^2/NDF: 4906894.4/38

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 245.994+/-34.798 χ^2/NDF:17.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 255.949+/-35.326 χ^2/NDF:25.7/18

Left: 250.896+/-24.791 χ^2/NDF: 43.5/38

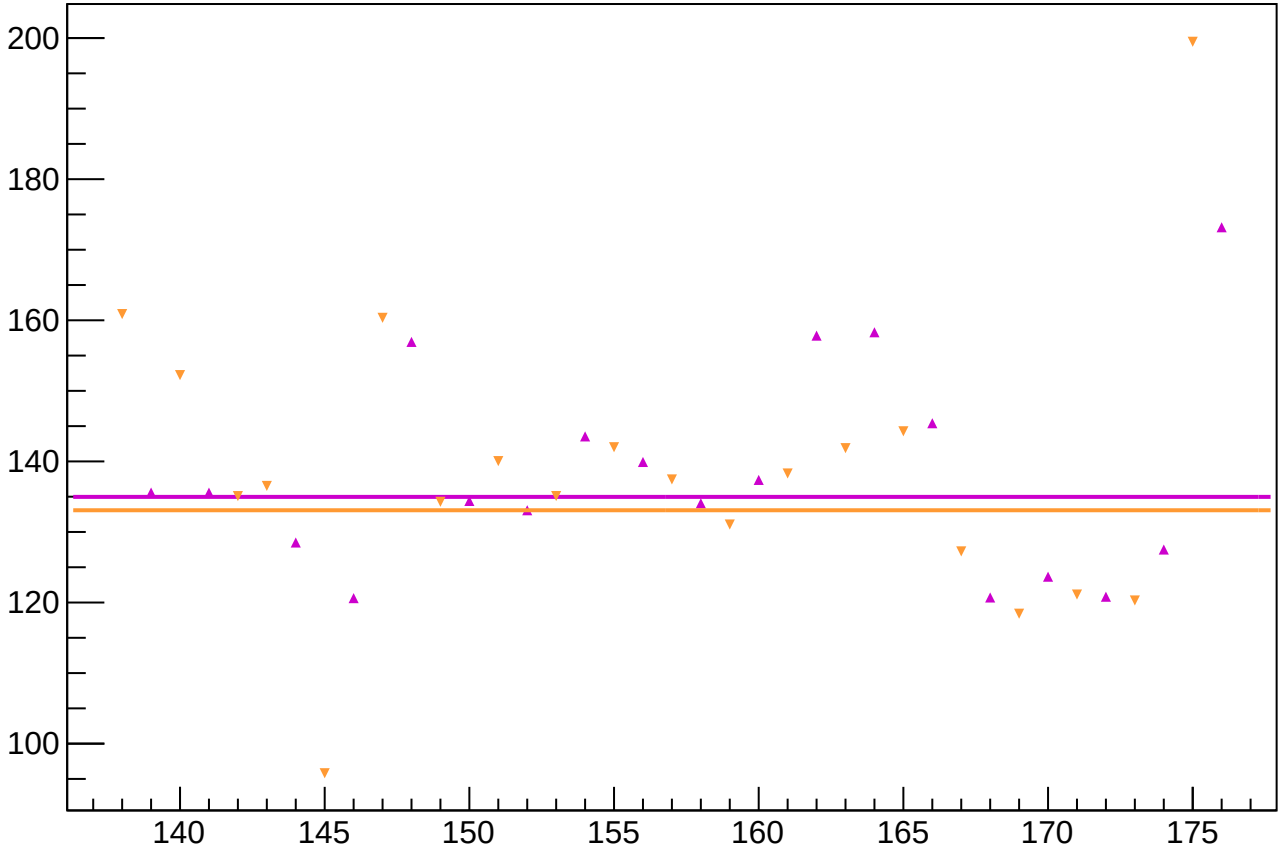
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 255.949+/-35.326 χ^2/NDF:25.7/18

Out: 245.994+/-34.798 χ^2/NDF:17.8/19

All: 250.896+/-24.791 χ^2/NDF: 43.5/38

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 133.077+/-0.025 χ^2/NDF:611016.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 134.973+/-0.025 χ^2/NDF:259453.7/18

Left: 134.011+/-0.018 χ^2/NDF: 873395.1/38

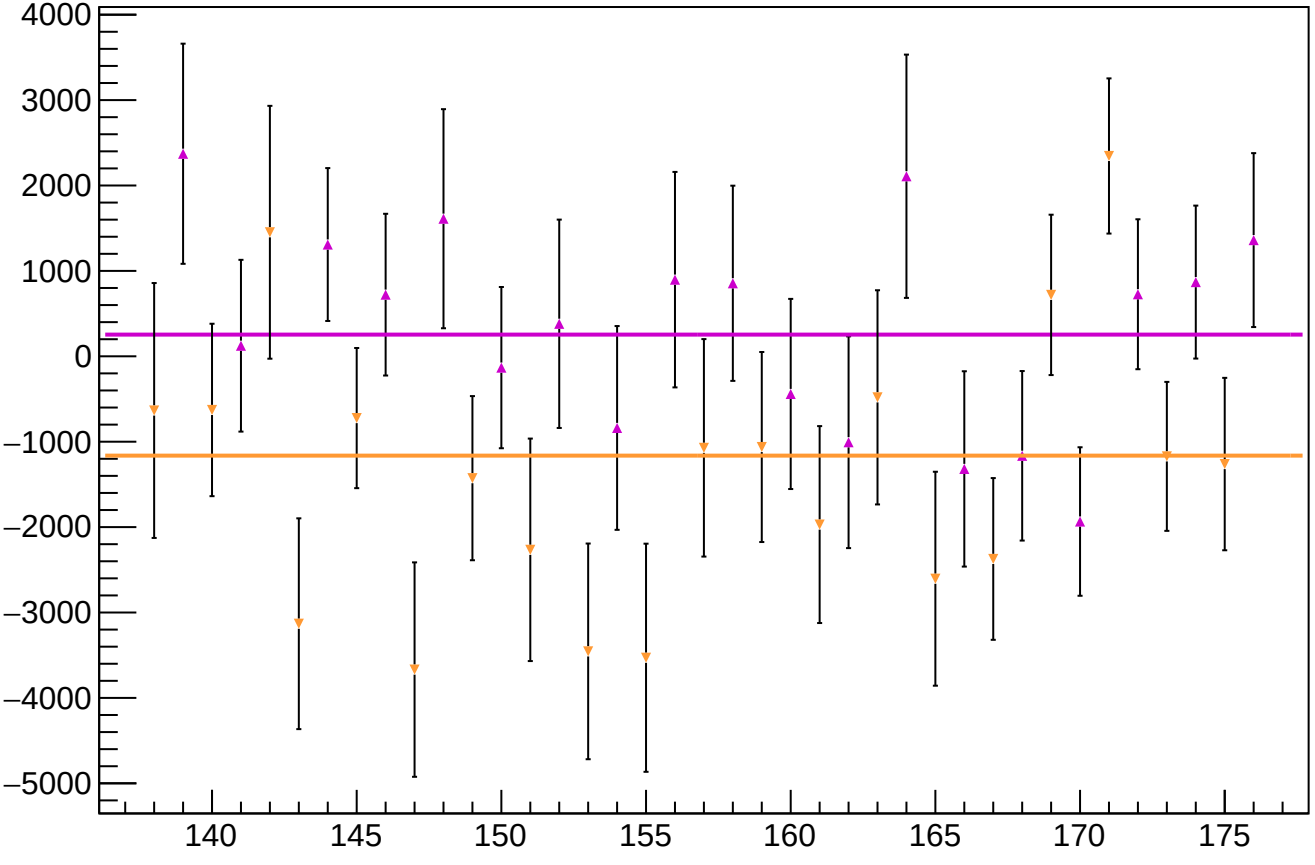
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 134.973+/-0.025 χ^2/NDF:259453.7/18

Out: 133.077+/-0.025 χ^2/NDF:611016.8/19

All: 134.011+/-0.018 χ^2/NDF: 873395.1/38

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1162.986+/-244.481 χ^2/NDF:40.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 254.028+/-242.428 χ^2/NDF:22.4/18

Left: -448.504+/-172.144 χ^2/NDF: 79.6/38

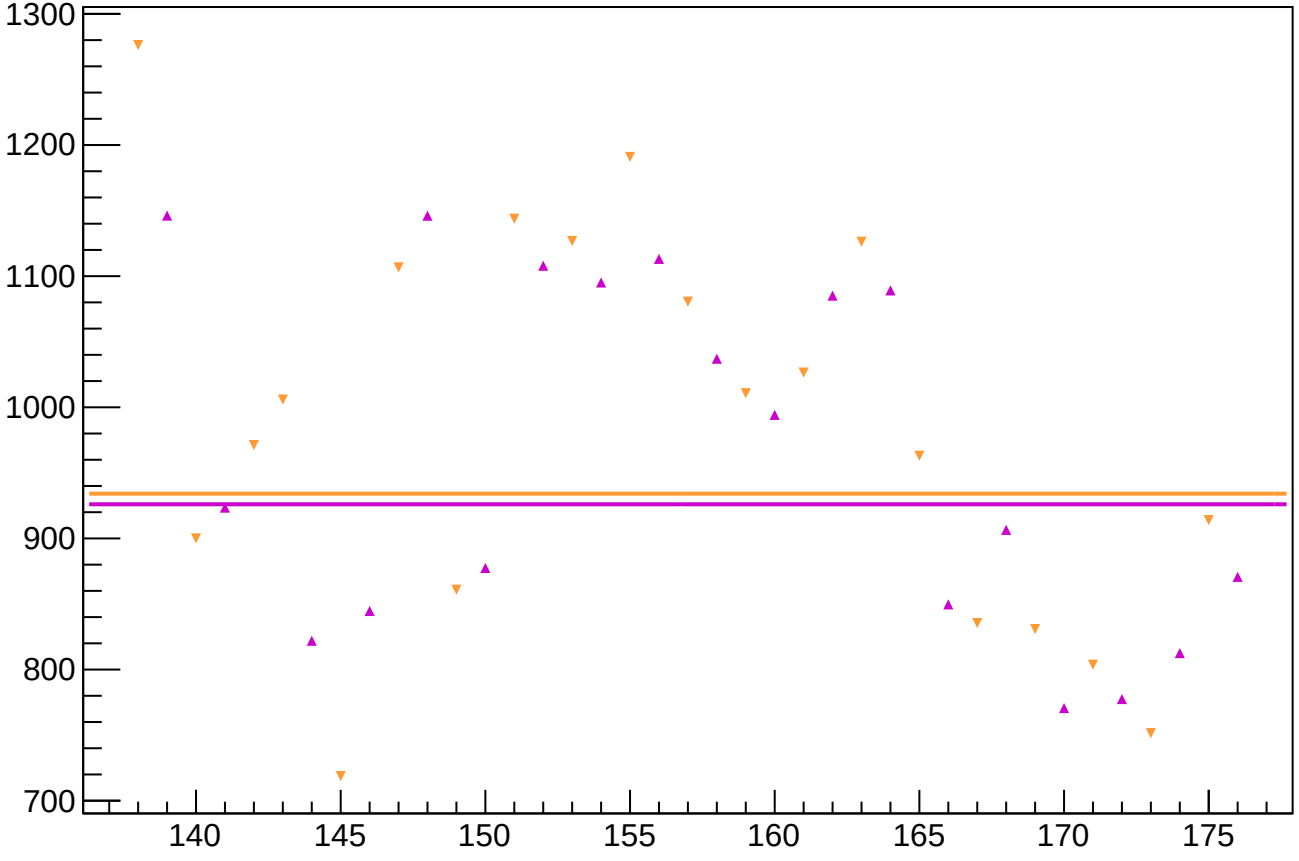
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 254.028+/-242.428 χ^2/NDF:22.4/18

Out: -1162.986+/-244.481 χ^2/NDF:40.3/19

All: -448.504+/-172.144 χ^2/NDF: 79.6/38

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 934.133+/-0.173 χ^2/NDF:747215.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 926.036+/-0.171 χ^2/NDF:547437.6/18

Left: 930.051+/-0.122 χ^2/NDF: 1295759.1/38

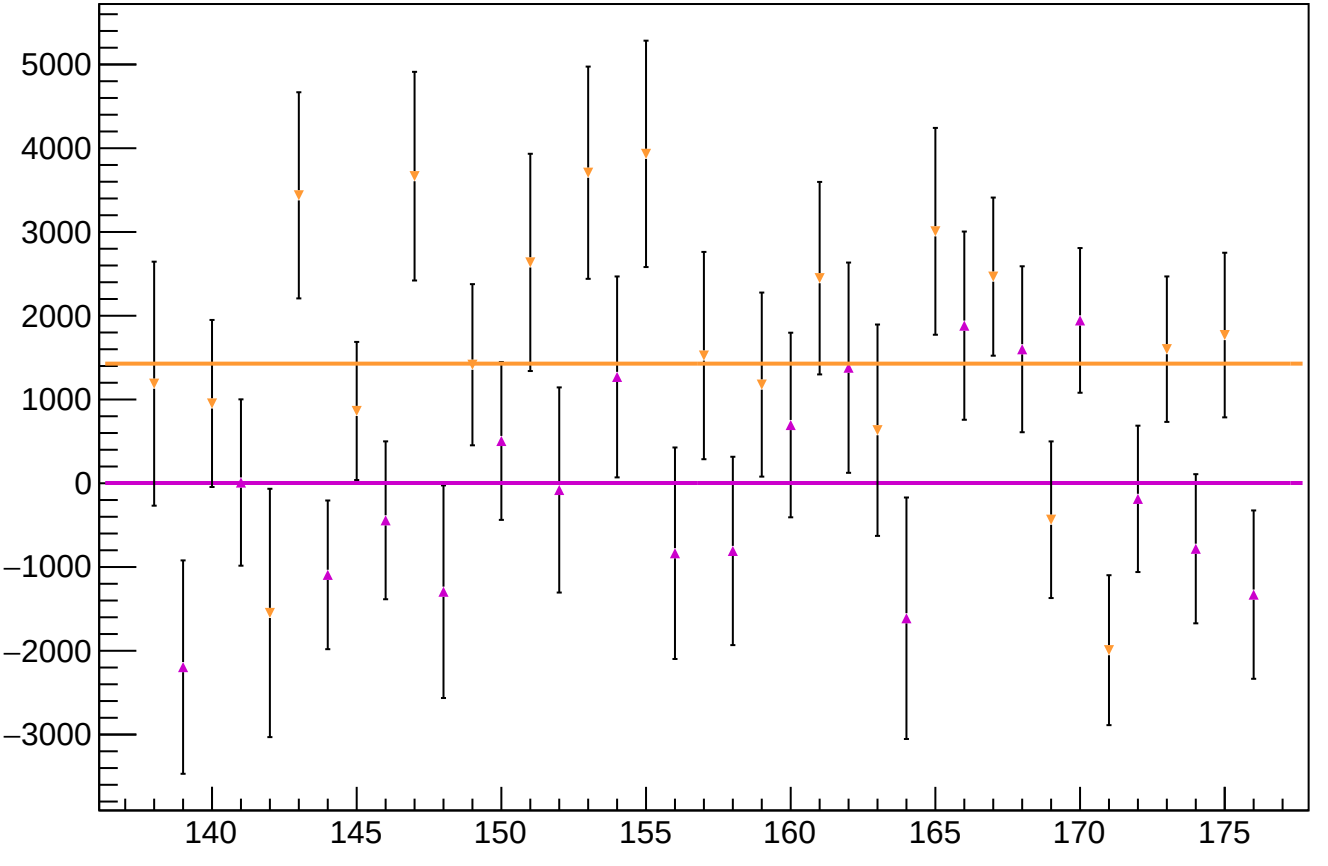
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 926.036+/-0.171 χ^2/NDF:547437.6/18

Out: 934.133+/-0.173 χ^2/NDF:747215.3/19

All: 930.051+/-0.122 χ^2/NDF: 1295759.1/38

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1428.234+/-242.878 χ^2/NDF:41.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 3.218+/-241.090 χ^2/NDF:24.0/18

Left: 710.461+/-171.105 χ^2/NDF: 82.4/38

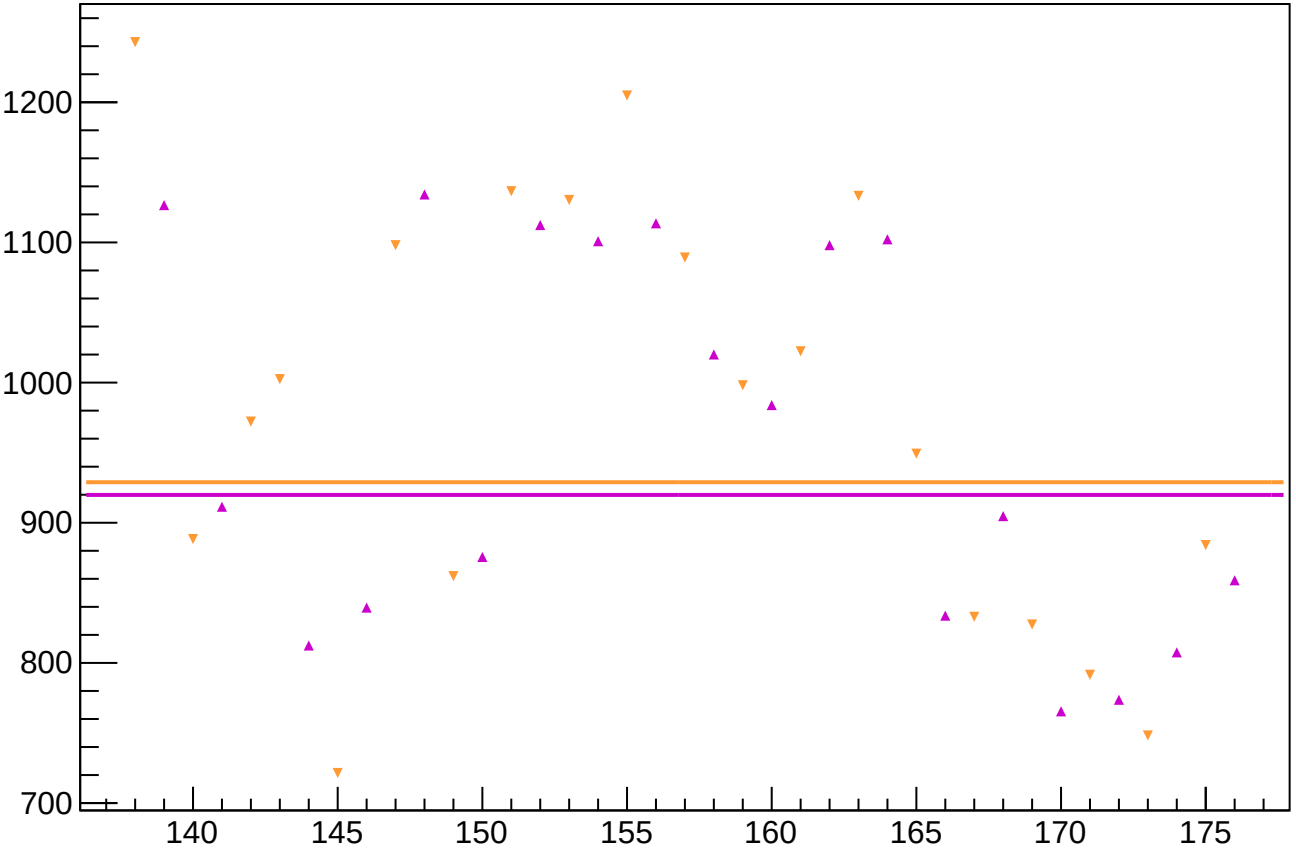
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.218+/-241.090 χ^2/NDF:24.0/18

Out: 1428.234+/-242.878 χ^2/NDF:41.0/19

All: 710.461+/-171.105 χ^2/NDF: 82.4/38

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 928.920+/-0.172 χ^2/NDF:753312.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 919.863+/-0.170 χ^2/NDF:566480.7/18

Left: 924.358+/-0.121 χ^2/NDF: 1321194.2/38

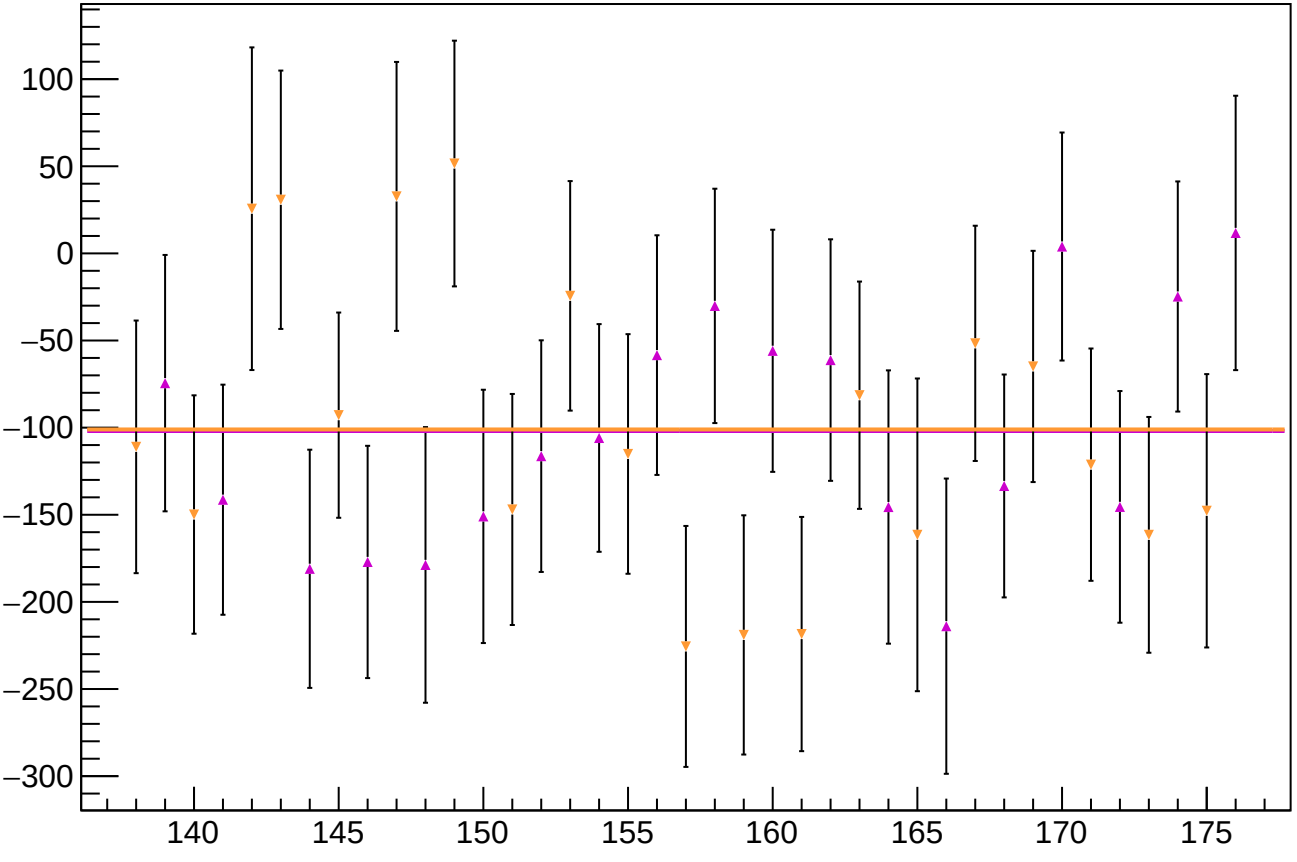
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 919.863+/-0.170 χ^2/NDF:566480.7/18

Out: 928.920+/-0.172 χ^2/NDF:753312.5/19

All: 924.358+/-0.121 χ^2/NDF: 1321194.2/38

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -101.050+/-15.648 χ^2/NDF:27.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -101.923+/-15.997 χ^2/NDF:15.7/18

Left: -101.477+/-11.186 χ^2/NDF: 42.7/38

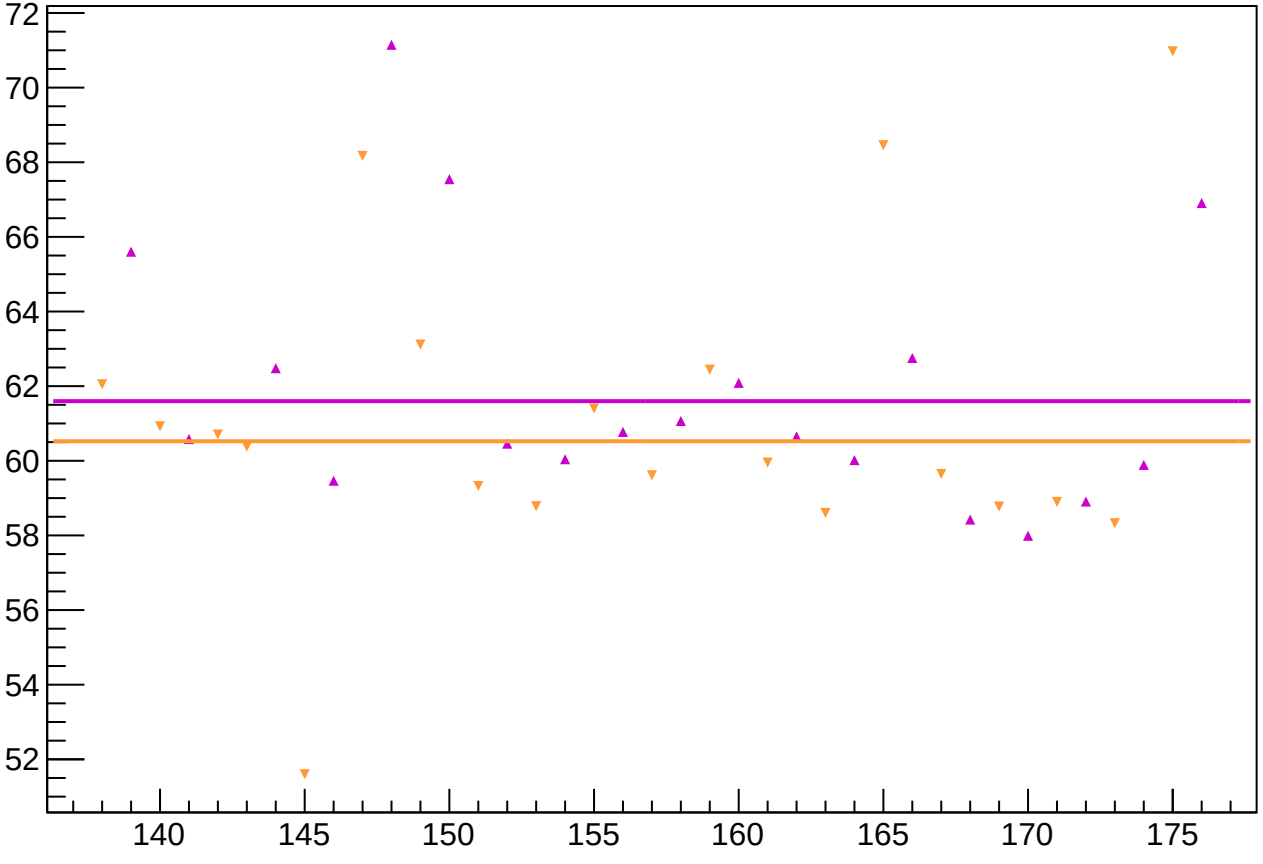
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -101.923+/-15.997 χ^2/NDF:15.7/18

Out: -101.050+/-15.648 χ^2/NDF:27.0/19

All: -101.477+/-11.186 χ^2/NDF: 42.7/38

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 60.524+/-0.011 χ^2/NDF:131530.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 61.599+/-0.011 χ^2/NDF:79829.6/18

Left: 61.049+/-0.008 χ^2/NDF: 215976.3/38

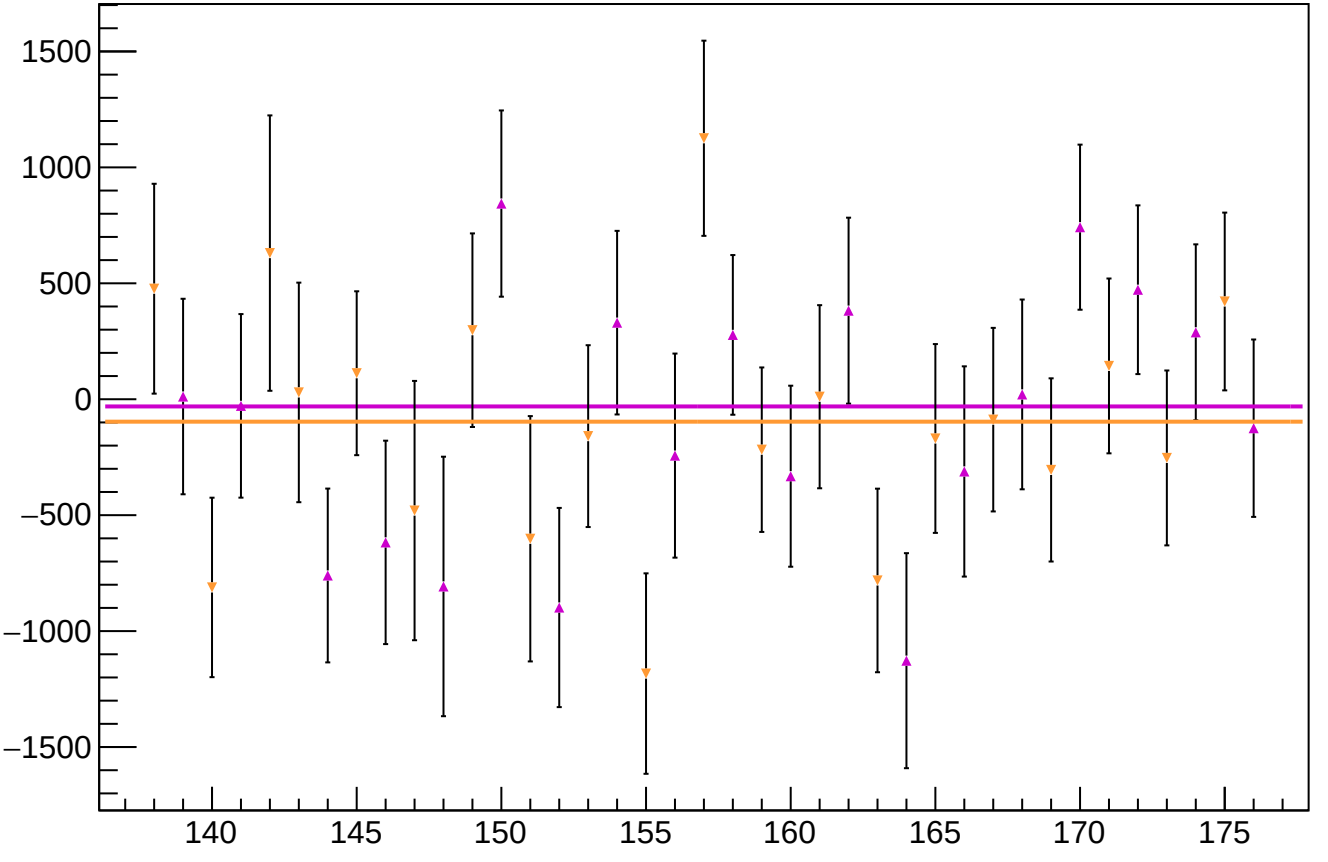
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.599+/-0.011 χ^2/NDF:79829.6/18

Out: 60.524+/-0.011 χ^2/NDF:131530.3/19

All: 61.049+/-0.008 χ^2/NDF: 215976.3/38

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -96.752+/-92.331 χ^2/NDF:29.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -31.065+/-92.610 χ^2/NDF:33.2/18

Left: -64.007+/-65.386 χ^2/NDF: 63.4/38

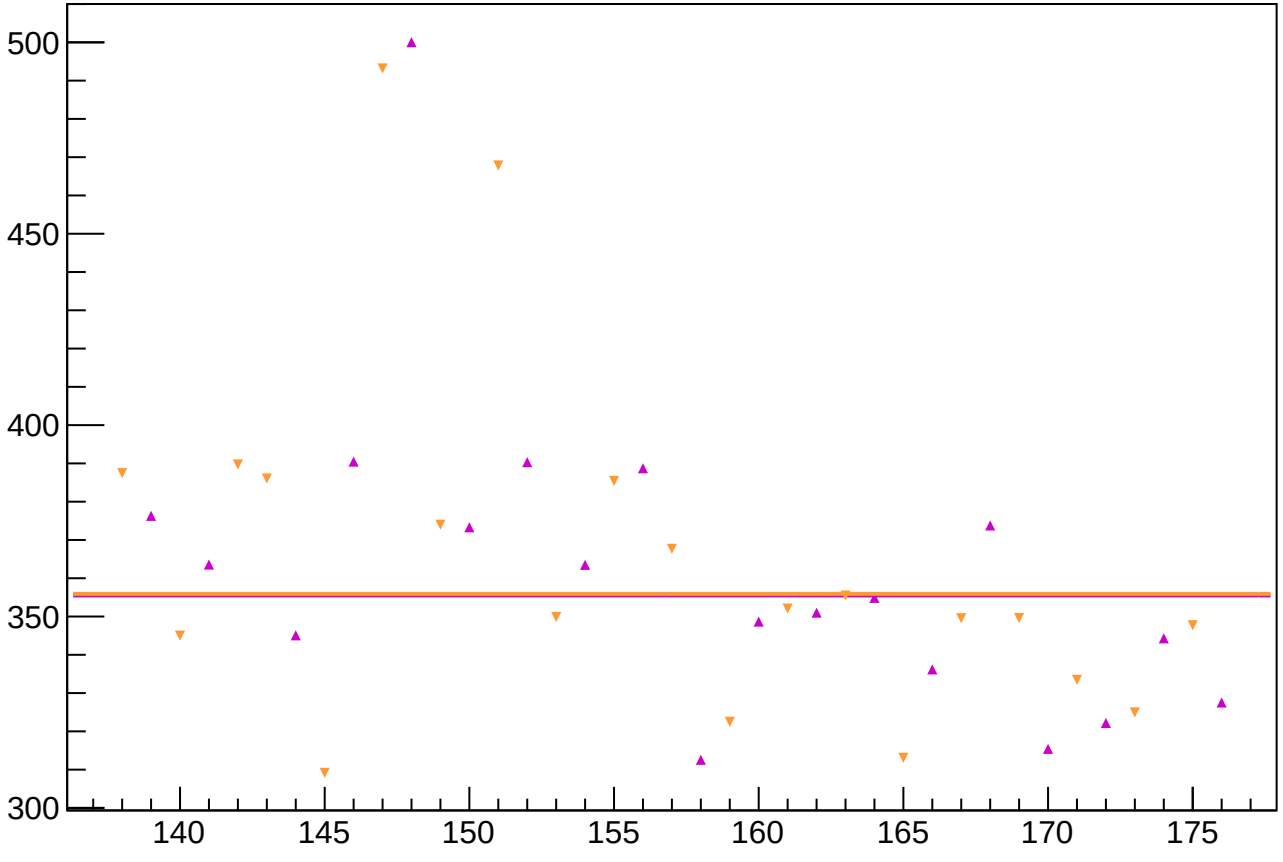
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.065+/-92.610 χ^2/NDF:33.2/18

Out: -96.752+/-92.331 χ^2/NDF:29.9/19

All: -64.007+/-65.386 χ^2/NDF: 63.4/38

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 355.923+/-0.065 χ^2/NDF:348610.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 355.509+/-0.065 χ^2/NDF:276771.7/18

Left: 355.717+/-0.046 χ^2/NDF: 625402.4/38

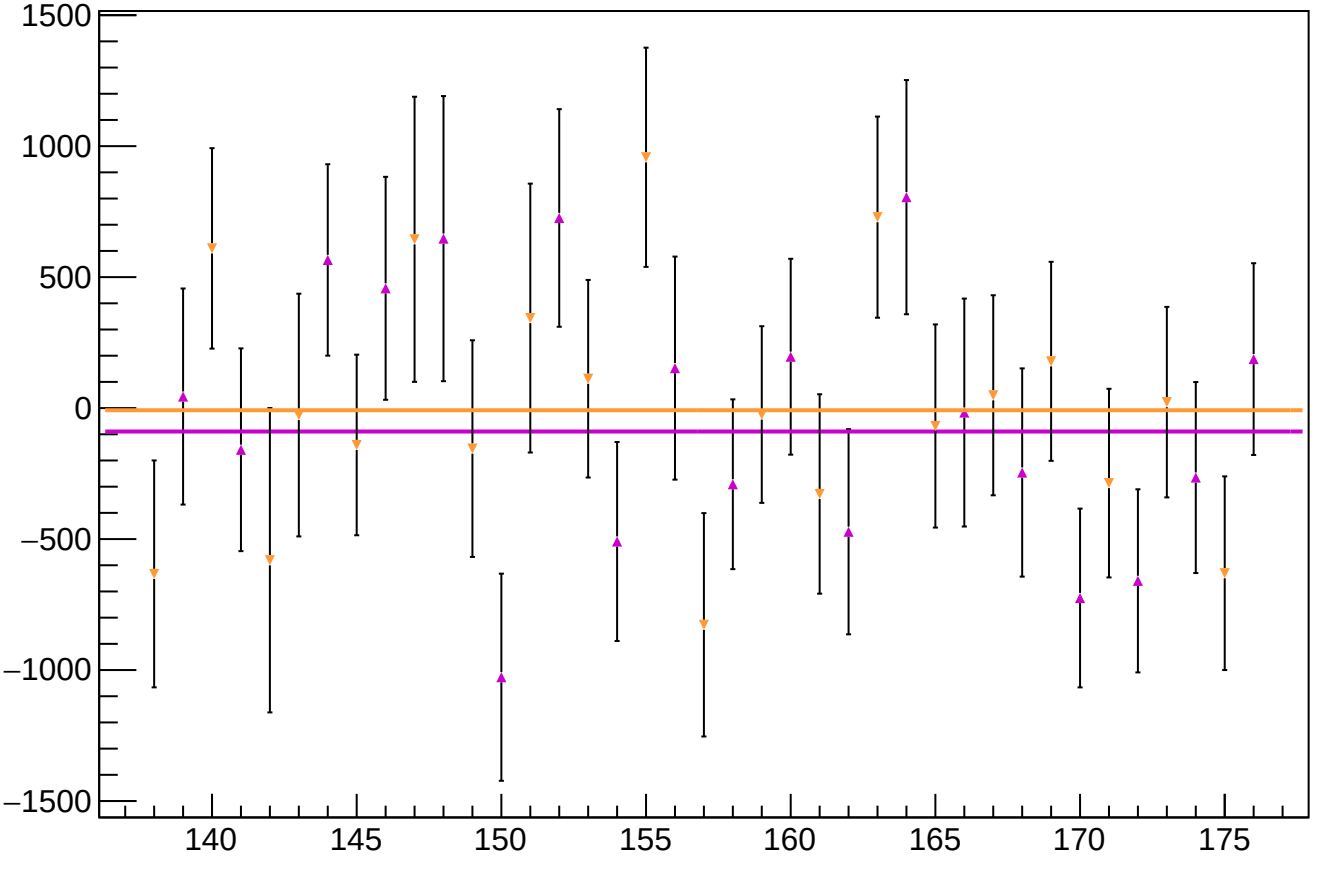
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 355.509+/-0.065 χ^2/NDF:276771.7/18

Out: 355.923+/-0.065 χ^2/NDF:348610.7/19

All: 355.717+/-0.046 χ^2/NDF: 625402.4/38

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -8.159+/-89.455 χ^2/NDF:25.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -89.389+/-89.389 χ^2/NDF:30.9/18

Left: -48.804+/-63.231 χ^2/NDF: 56.4/38

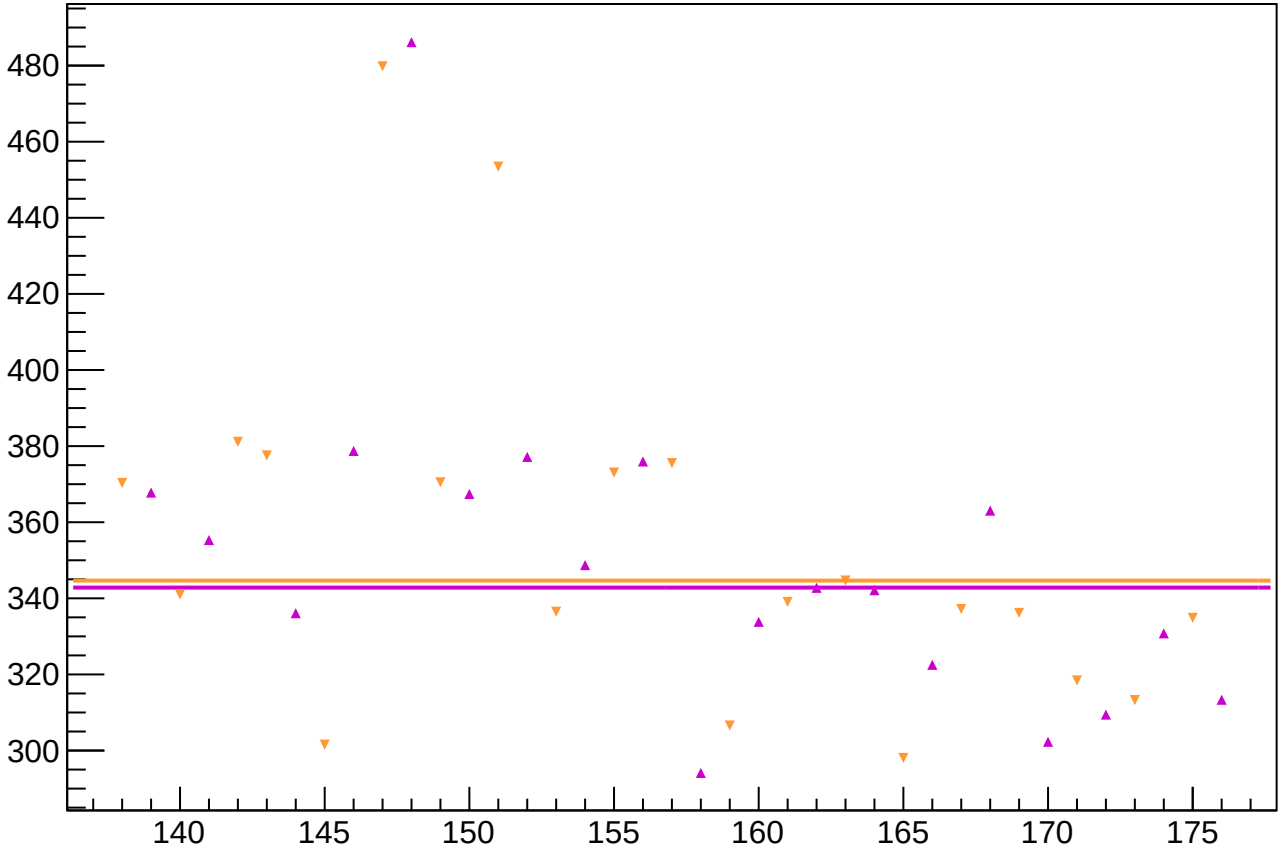
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -89.389+/-89.389 χ^2/NDF:30.9/18

Out: -8.159+/-89.455 χ^2/NDF:25.1/19

All: -48.804+/-63.231 χ^2/NDF: 56.4/38

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 344.660+/-0.063 χ^2/NDF:381609.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 342.824+/-0.063 χ^2/NDF:314549.8/18

Left: 343.741+/-0.045 χ^2/NDF: 696580.4/38

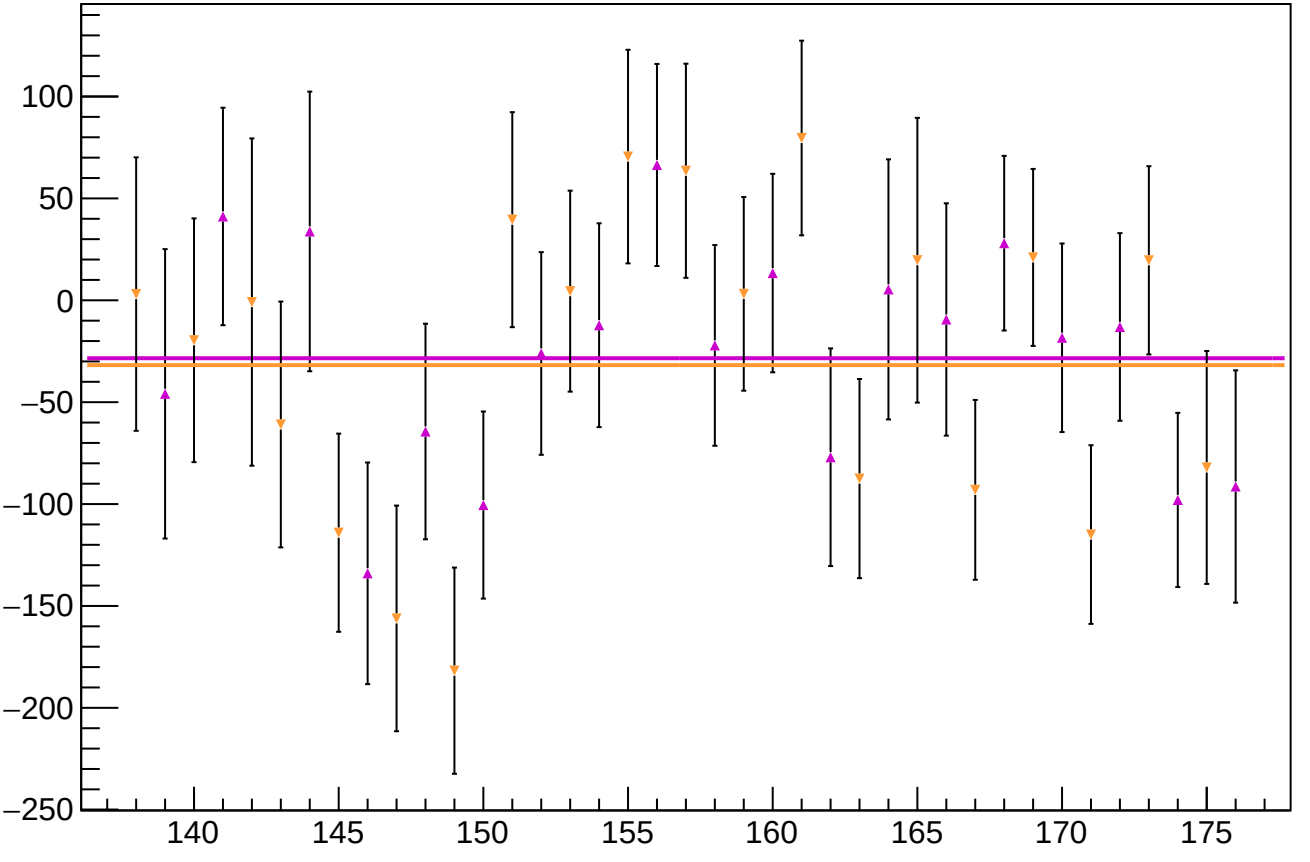
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 342.824+/-0.063 χ^2/NDF:314549.8/18

Out: 344.660+/-0.063 χ^2/NDF:381609.3/19

All: 343.741+/-0.045 χ^2/NDF: 696580.4/38

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -31.810+/-11.615 χ^2/NDF:43.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -28.427+/-11.770 χ^2/NDF:20.8/18

Left: -30.141+/-8.267 χ^2/NDF: 64.5/38

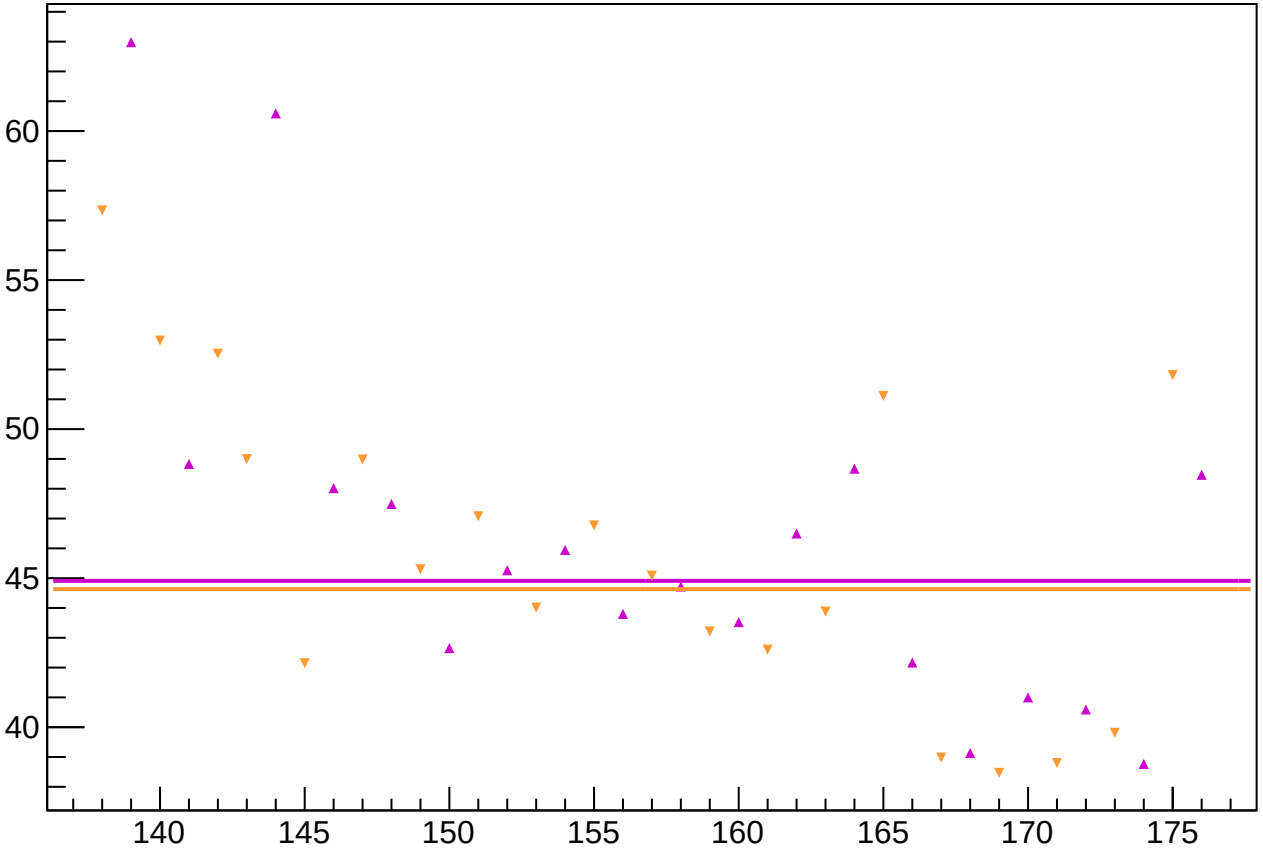
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -28.427+/-11.770 χ^2/NDF:20.8/18

Out: -31.810+/-11.615 χ^2/NDF:43.7/19

All: -30.141+/-8.267 χ^2/NDF: 64.5/38

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 44.631+/-0.008 χ^2/NDF:351348.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 44.910+/-0.008 χ^2/NDF:395083.0/18

Left: 44.769+/-0.006 χ^2/NDF: 747003.6/38

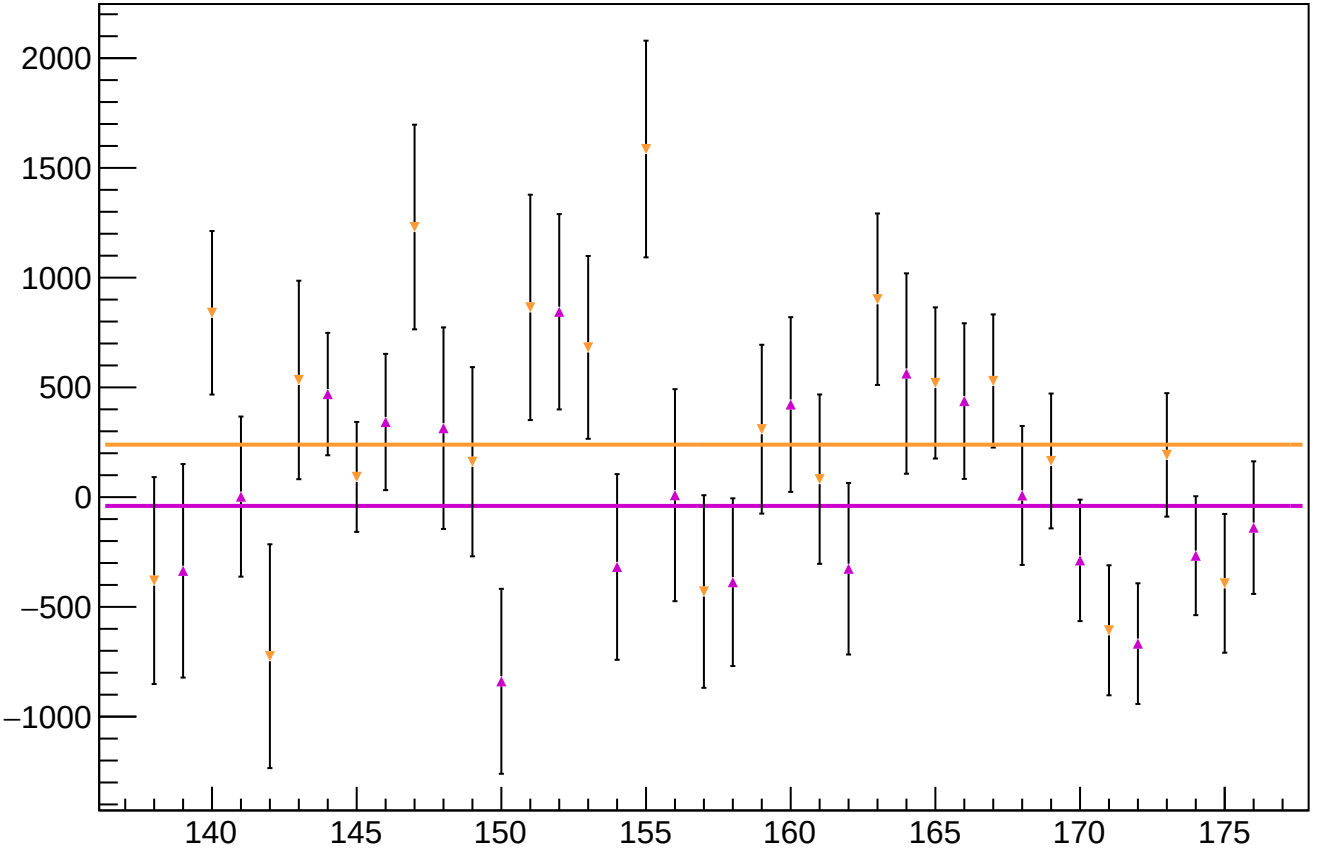
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 44.910+/-0.008 χ^2/NDF:395083.0/18

Out: 44.631+/-0.008 χ^2/NDF:351348.8/19

All: 44.769+/-0.006 χ^2/NDF: 747003.6/38

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 239.119+/-81.861 χ^2/NDF:42.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -39.922+/-80.681 χ^2/NDF:26.9/18

Left: 97.574+/-57.463 χ^2/NDF: 75.3/38

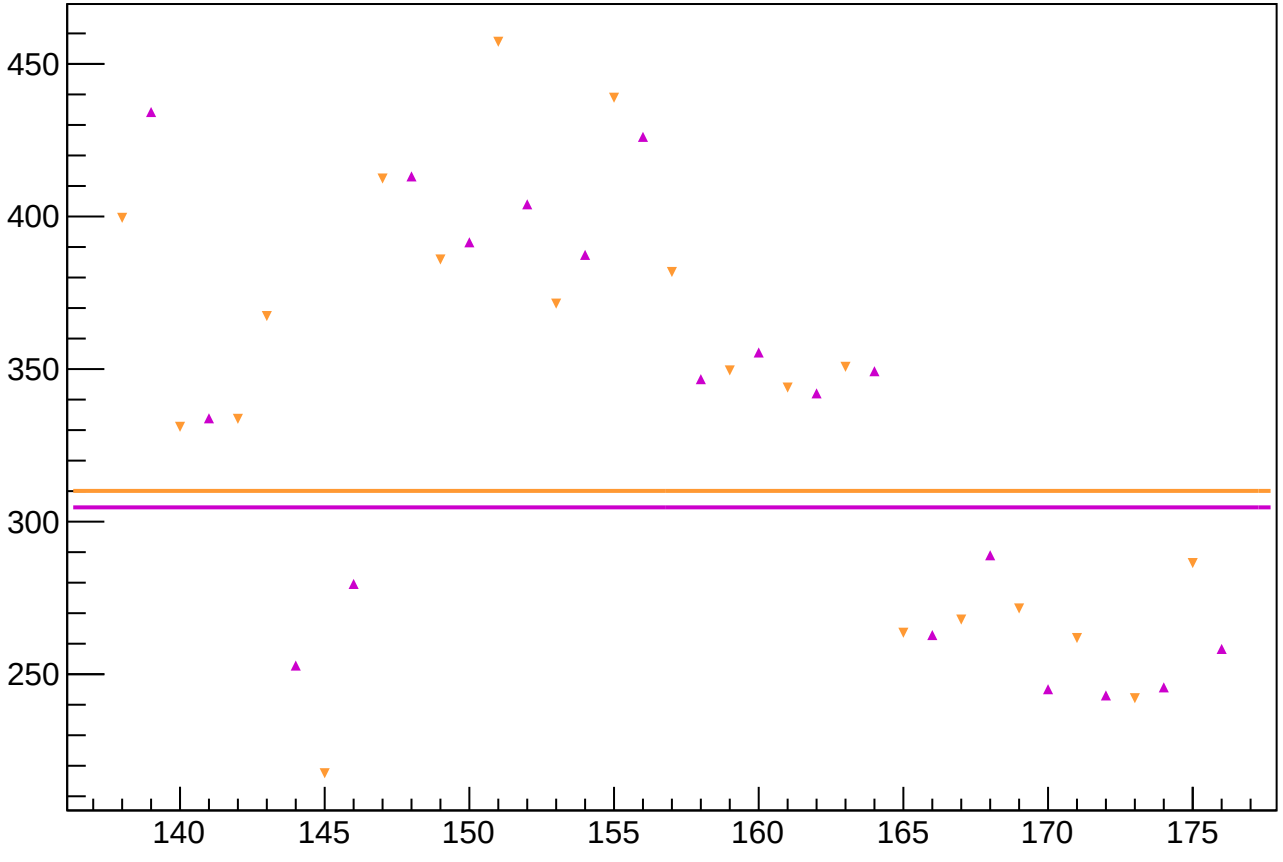
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -39.922+/-80.681 χ^2/NDF:26.9/18

Out: 239.119+/-81.861 χ^2/NDF:42.5/19

All: 97.574+/-57.463 χ^2/NDF: 75.3/38

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 310.077+/-0.058 χ^2/NDF:1289461.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 304.679+/-0.057 χ^2/NDF:1198299.1/18

Left: 307.339+/-0.041 χ^2/NDF: 2492170.7/38

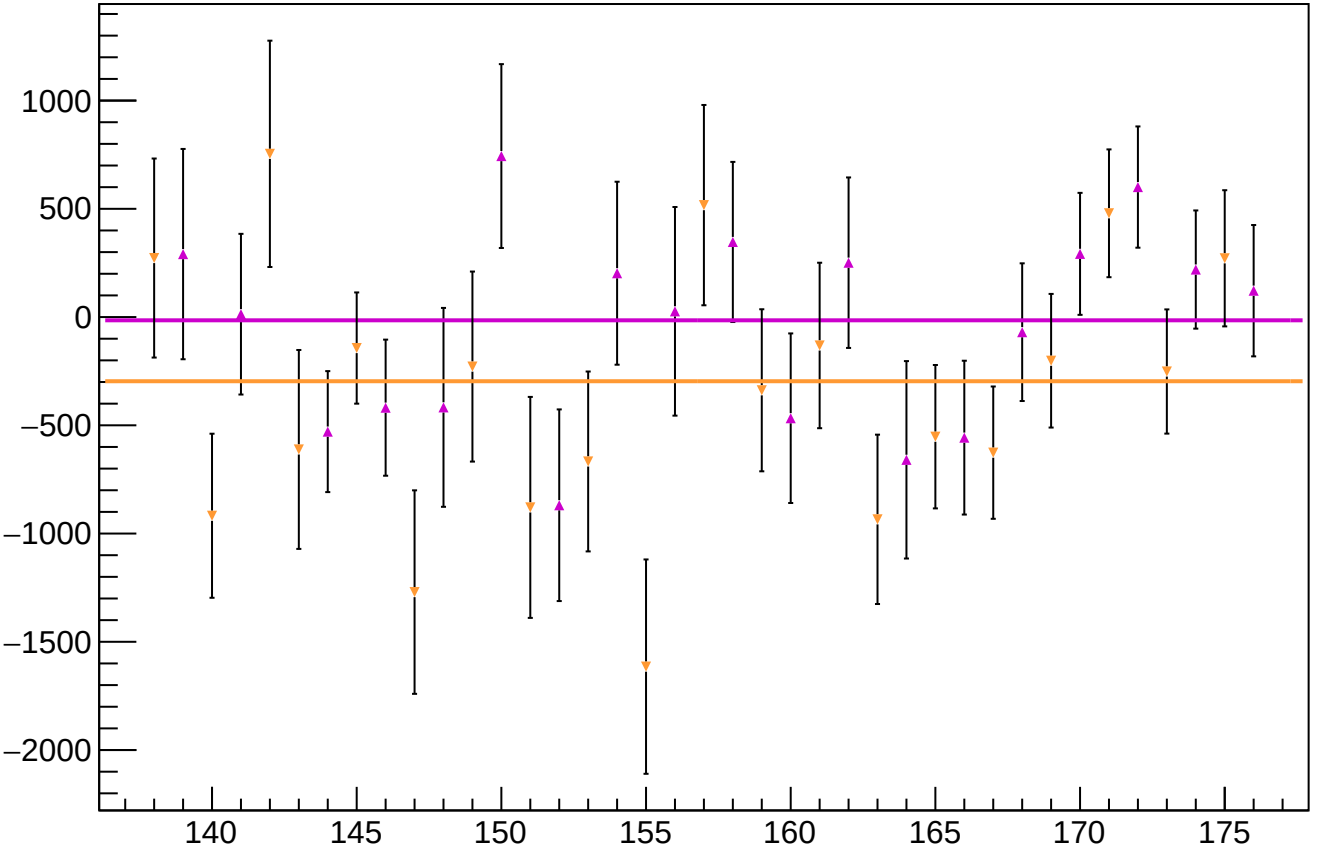
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 304.679+/-0.057 χ^2/NDF:1198299.1/18

Out: 310.077+/-0.058 χ^2/NDF:1289461.1/19

All: 307.339+/-0.041 χ^2/NDF: 2492170.7/38

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -296.408+/-82.218 χ^2/NDF:40.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -14.988+/-81.041 χ^2/NDF:27.5/18

Left: -153.670+/-57.716 χ^2/NDF: 74.0/38

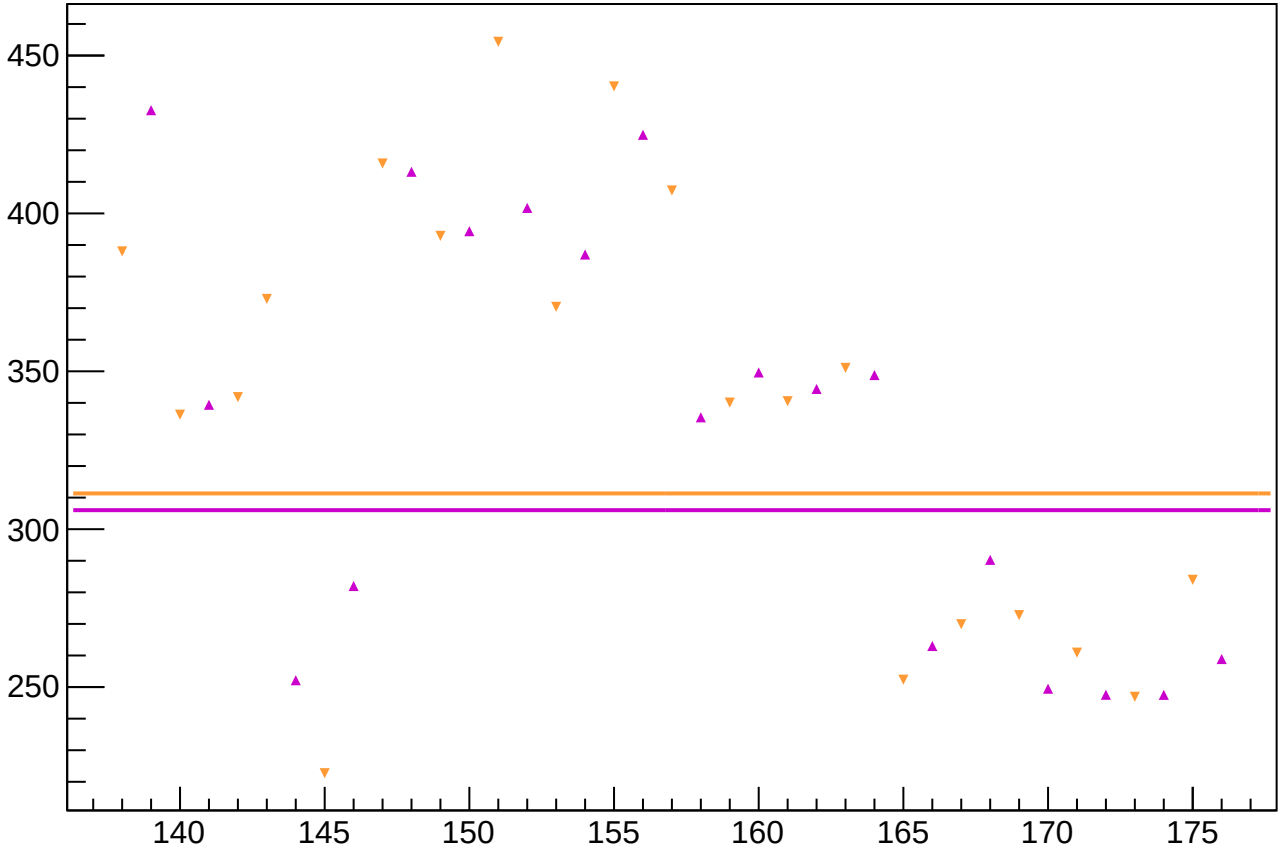
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.988+/-81.041 χ^2/NDF:27.5/18

Out: -296.408+/-82.218 χ^2/NDF:40.6/19

All: -153.670+/-57.716 χ^2/NDF: 74.0/38

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 311.326+/-0.058 χ^2/NDF:1281890.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 306.023+/-0.057 χ^2/NDF:1138469.8/18

Left: 308.636+/-0.041 χ^2/NDF: 2424579.7/38

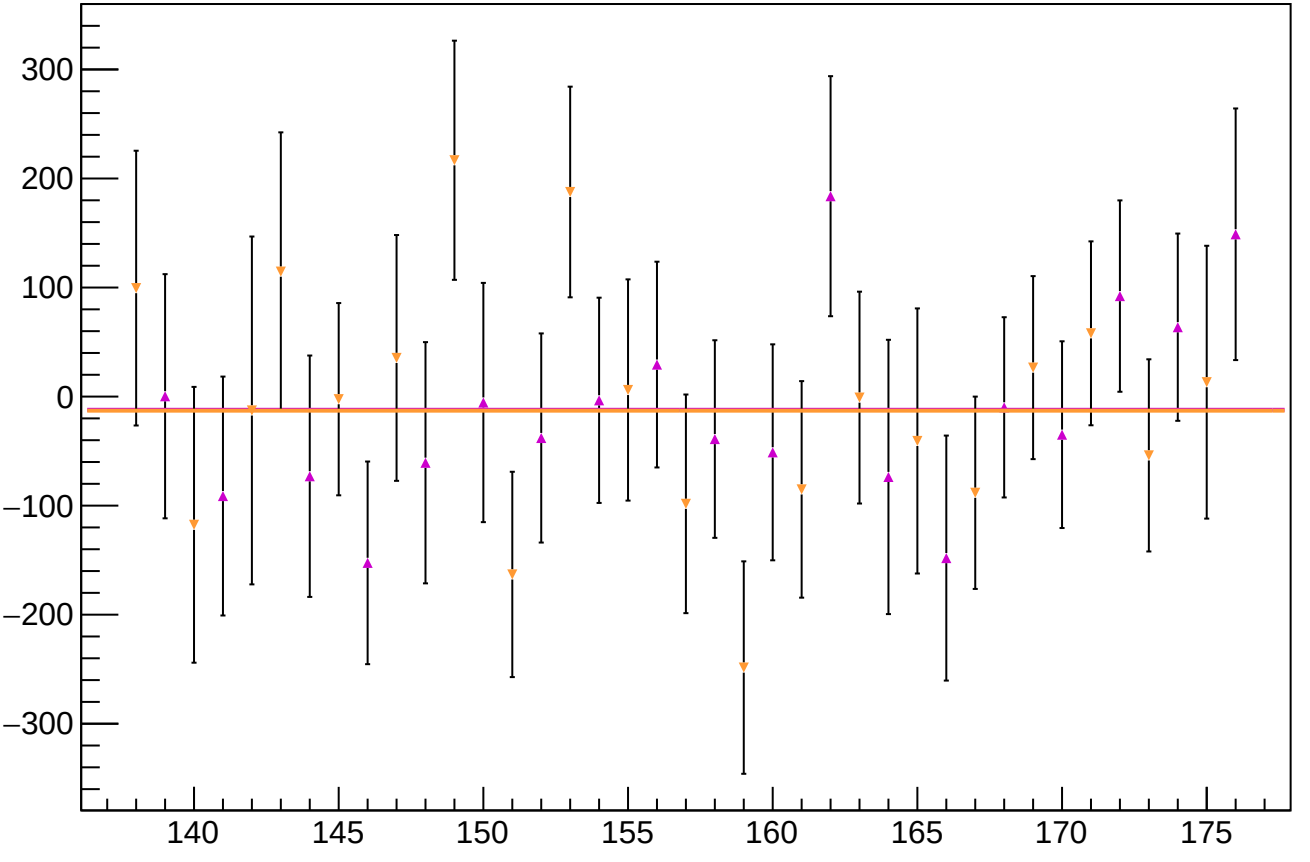
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 306.023+/-0.057 χ^2/NDF:1138469.8/18

Out: 311.326+/-0.058 χ^2/NDF:1281890.3/19

All: 308.636+/-0.041 χ^2/NDF: 2424579.7/38

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -12.897+/-22.836 χ^2/NDF:23.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -12.129+/-22.754 χ^2/NDF:12.9/18

Left: -12.511+/-16.118 χ^2/NDF: 36.0/38

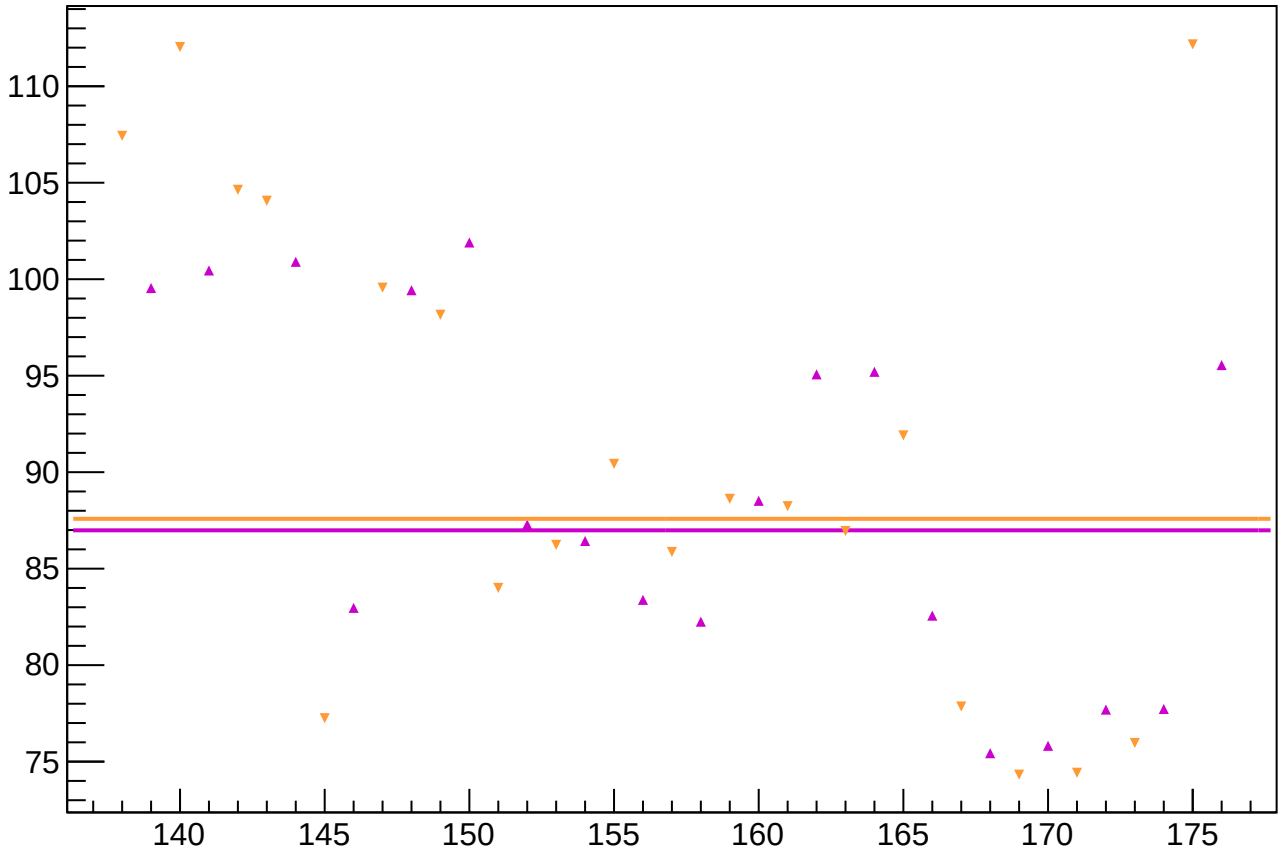
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.129+/-22.754 χ^2/NDF:12.9/18

Out: -12.897+/-22.836 χ^2/NDF:23.0/19

All: -12.511+/-16.118 χ^2/NDF: 36.0/38

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 87.584+/-0.016 χ^2/NDF:492543.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 86.986+/-0.016 χ^2/NDF:314143.9/18

Left: 87.284+/-0.011 χ^2/NDF: 807374.1/38

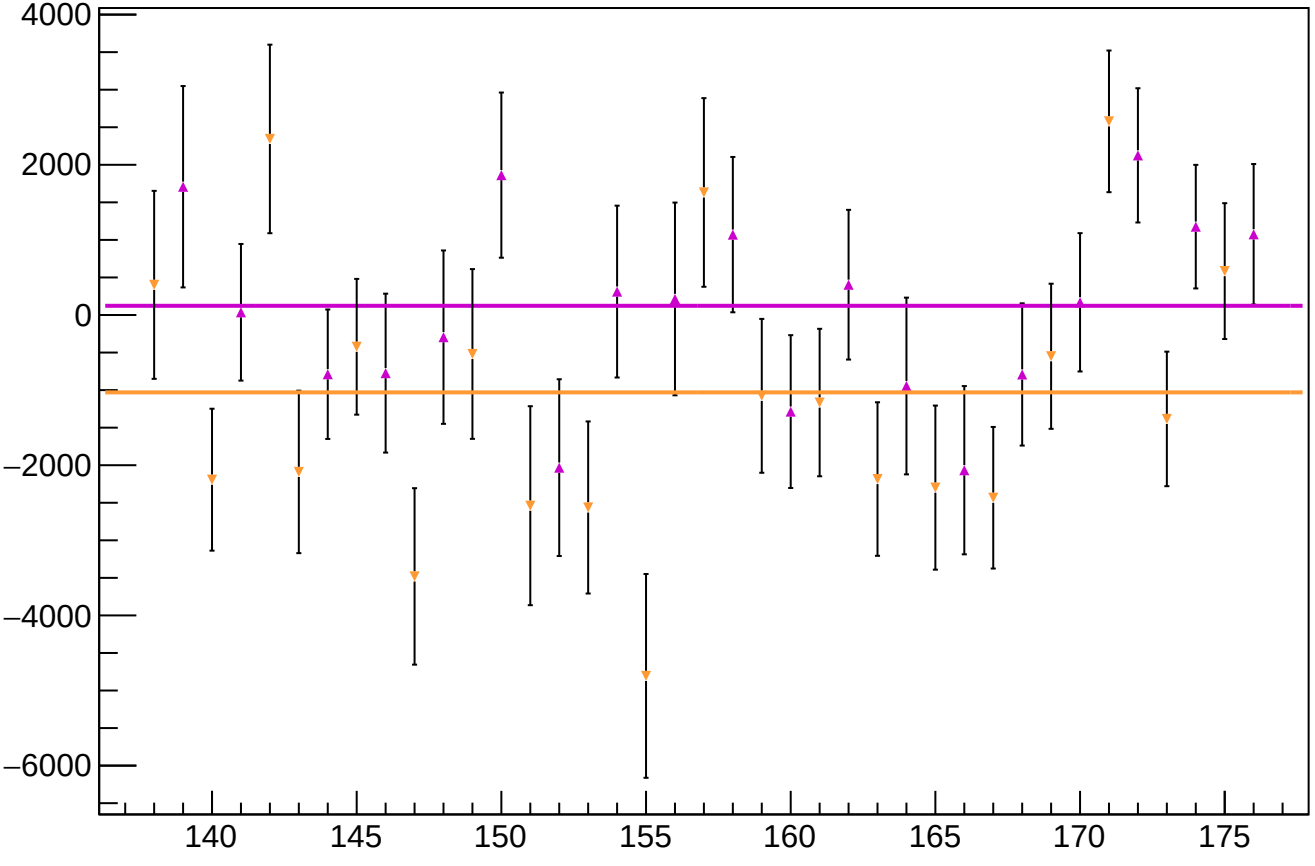
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 86.986+/-0.016 χ^2/NDF:314143.9/18

Out: 87.584+/-0.016 χ^2/NDF:492543.3/19

All: 87.284+/-0.011 χ^2/NDF: 807374.1/38

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1030.118+/-235.282 χ^2/NDF:54.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 122.606+/-233.961 χ^2/NDF:25.4/18

Left: -450.512+/-165.901 χ^2/NDF: 91.9/38

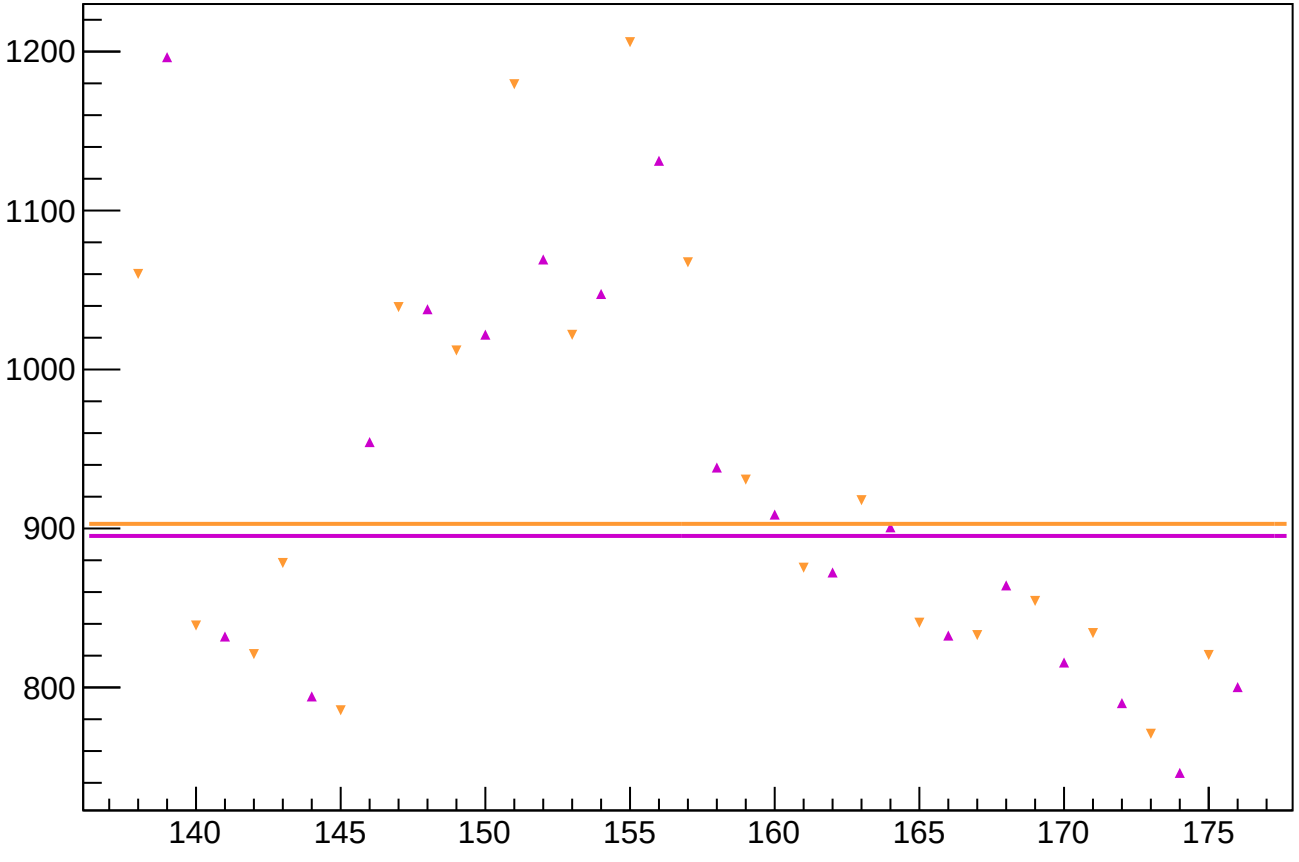
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 122.606+/-233.961 χ^2/NDF:25.4/18

Out: -1030.118+/-235.282 χ^2/NDF:54.4/19

All: -450.512+/-165.901 χ^2/NDF: 91.9/38

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 902.907+/-0.166 χ^2/NDF:469044.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 895.310+/-0.165 χ^2/NDF:490349.8/18

Left: 899.087+/-0.117 χ^2/NDF: 960442.3/38

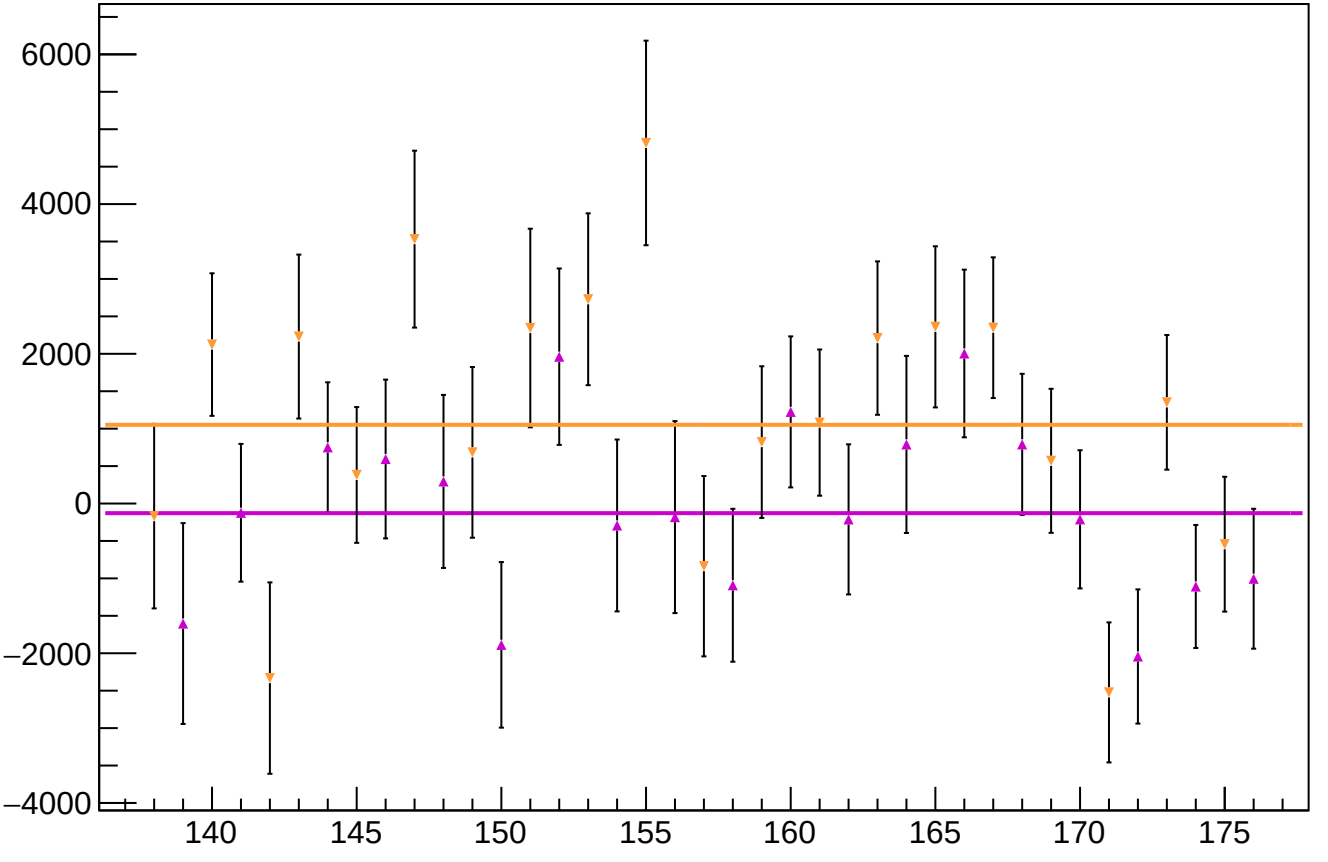
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 895.310+/-0.165 χ^2/NDF:490349.8/18

Out: 902.907+/-0.166 χ^2/NDF:469044.3/19

All: 899.087+/-0.117 χ^2/NDF: 960442.3/38

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1051.513+/-234.887 χ^2/NDF:51.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -128.508+/-234.267 χ^2/NDF:23.3/18

Left: 459.943+/-165.870 χ^2/NDF: 87.4/38

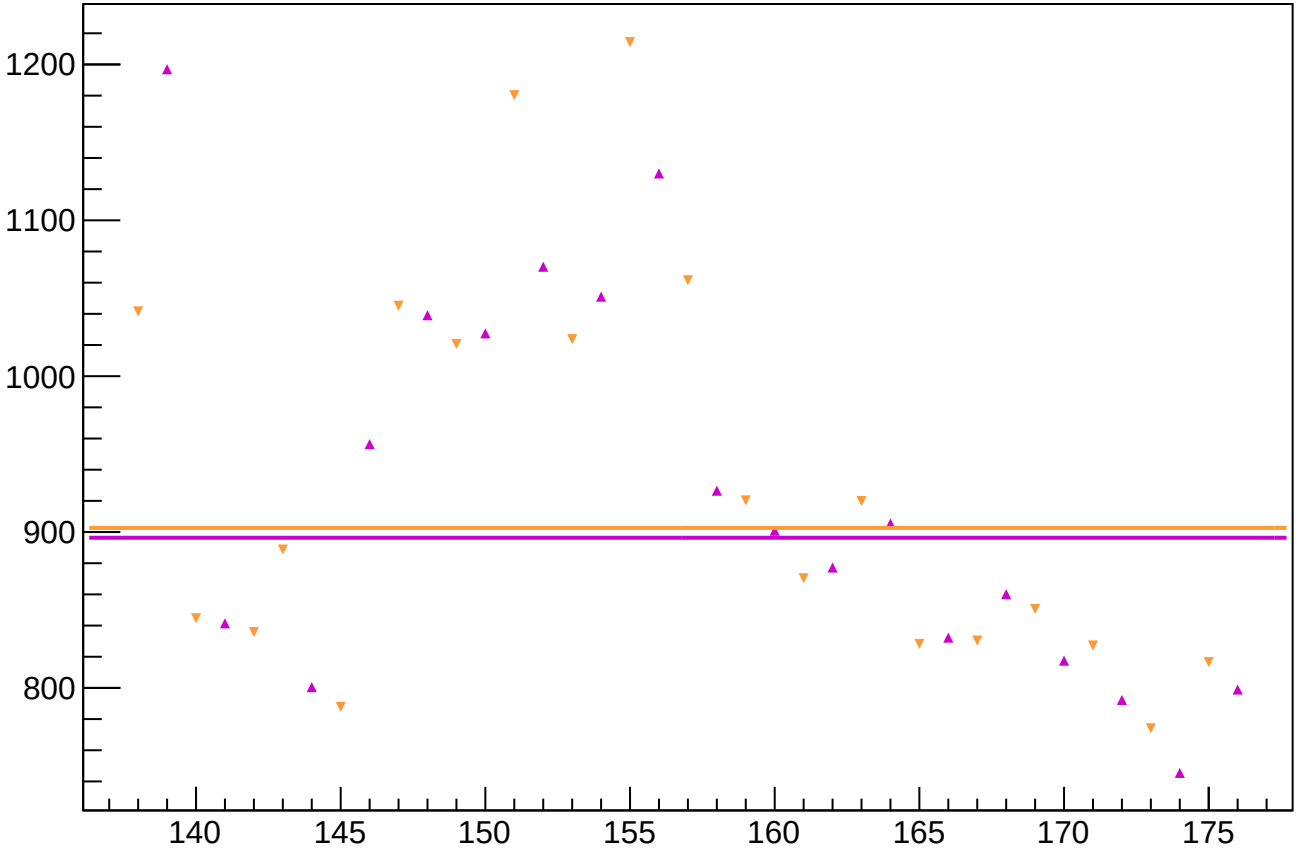
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -128.508+/-234.267 χ^2/NDF:23.3/18

Out: 1051.513+/-234.887 χ^2/NDF:51.4/19

All: 459.943+/-165.870 χ^2/NDF: 87.4/38

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 902.665+/-0.166 χ^2/NDF:472775.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 896.337+/-0.166 χ^2/NDF:486045.0/18

Left: 899.493+/-0.117 χ^2/NDF: 959548.4/38

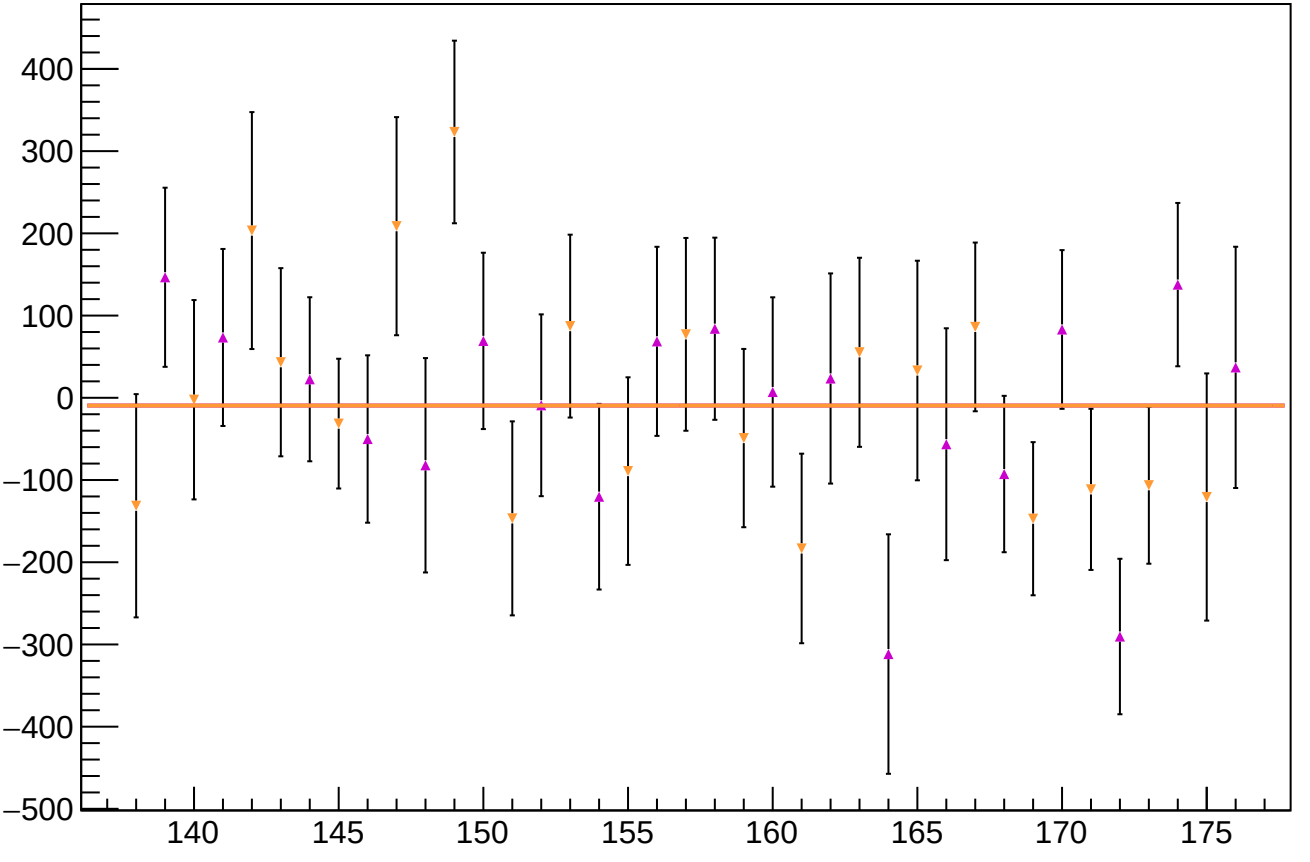
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 896.337+/-0.166 χ^2/NDF:486045.0/18

Out: 902.665+/-0.166 χ^2/NDF:472775.7/19

All: 899.493+/-0.117 χ^2/NDF: 959548.4/38

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -9.428+/-24.937 χ^2/NDF:26.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -9.430+/-25.463 χ^2/NDF:23.2/18

Left: -9.429+/-17.816 χ^2/NDF: 49.8/38

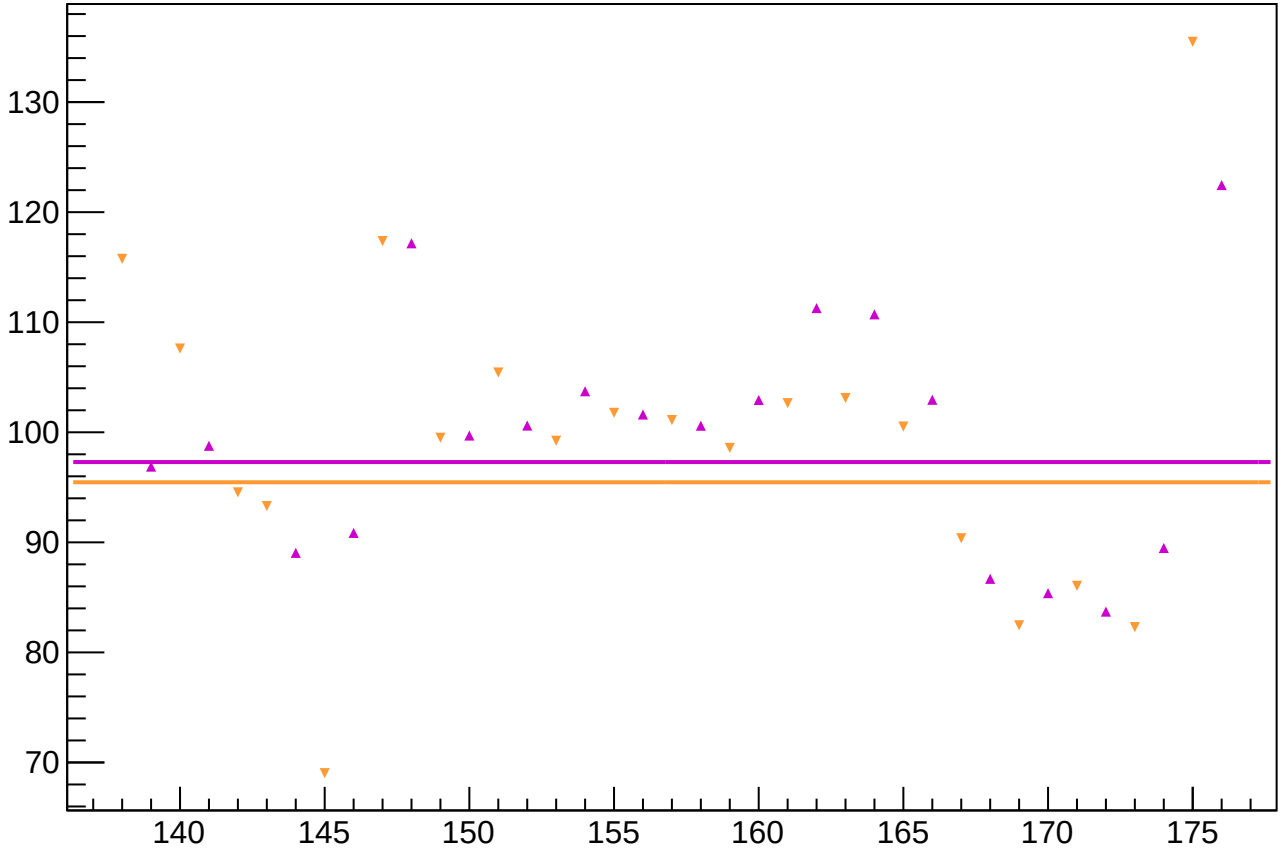
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.430+/-25.463 χ^2/NDF:23.2/18

Out: -9.428+/-24.937 χ^2/NDF:26.6/19

All: -9.429+/-17.816 χ^2/NDF: 49.8/38

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 95.459+/-0.018 χ^2/NDF:637870.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 97.295+/-0.018 χ^2/NDF:299325.2/18

Left: 96.357+/-0.013 χ^2/NDF: 942504.4/38

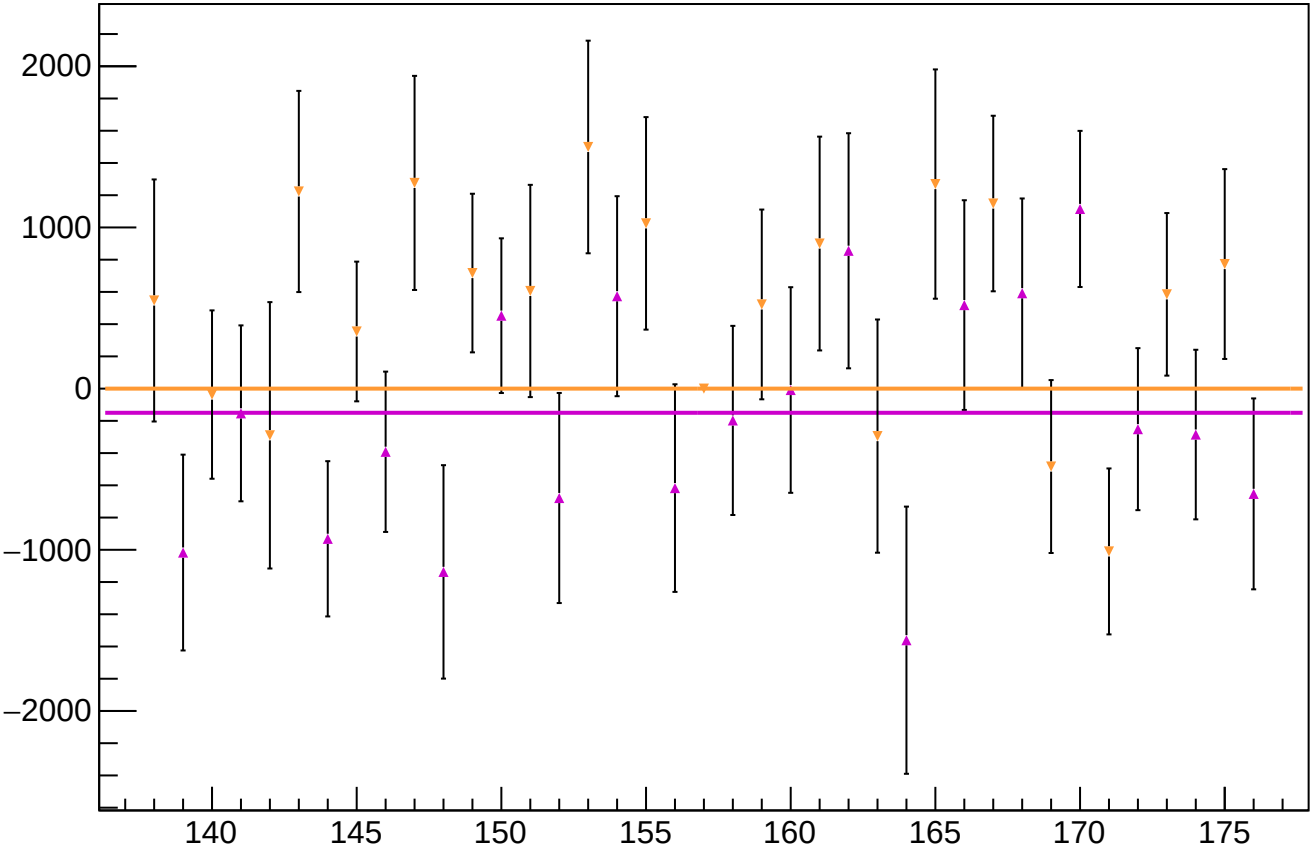
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 97.295+/-0.018 χ^2/NDF:299325.2/18

Out: 95.459+/-0.018 χ^2/NDF:637870.7/19

All: 96.357+/-0.013 χ^2/NDF: 942504.4/38

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.000+/-0.000 χ^2/NDF:37.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -149.928+/-132.402 χ^2/NDF:26.4/18

Left: -0.000+/-0.000 χ^2/NDF: 65.3/38

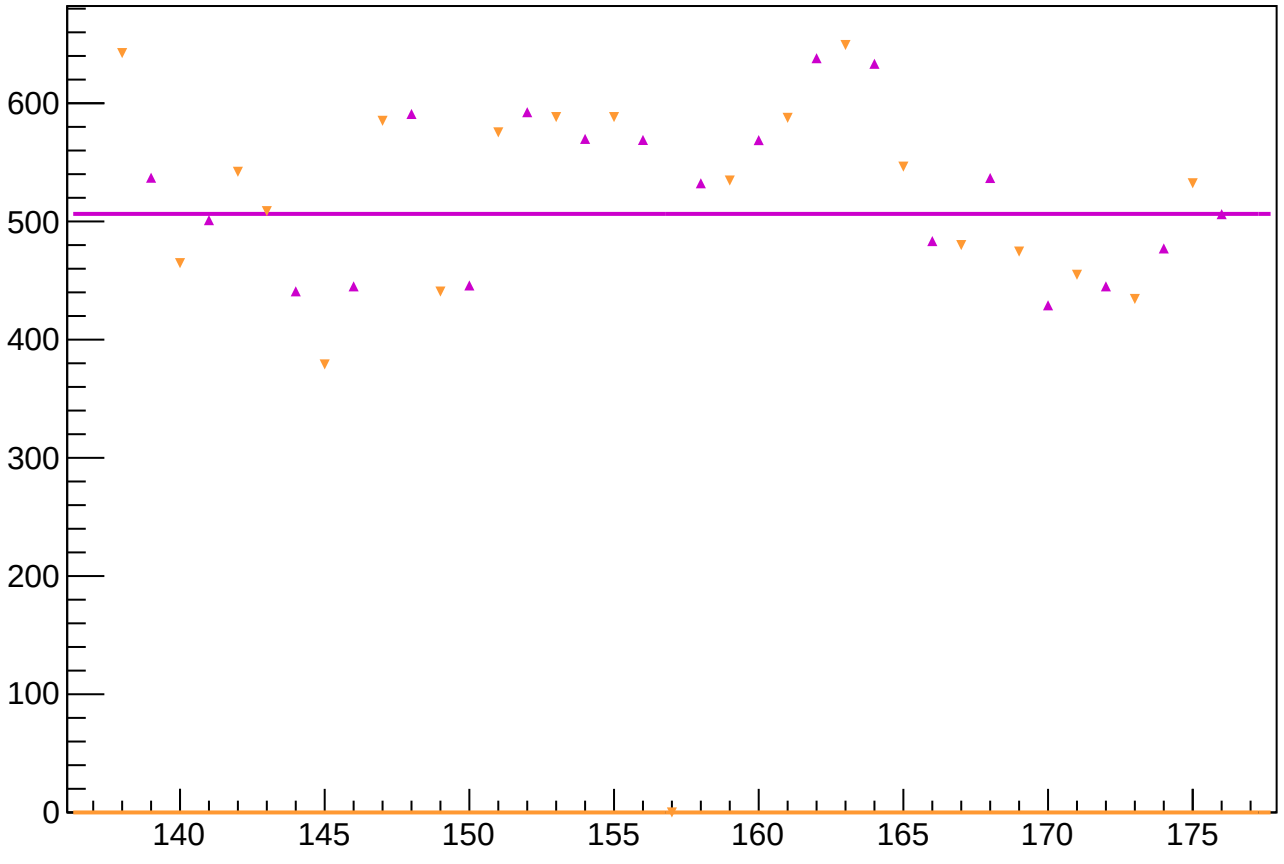
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -149.928+/-132.402 χ^2/NDF:26.4/18

Out: -0.000+/-0.000 χ^2/NDF:37.6/19

All: -0.000+/-0.000 χ^2/NDF: 65.3/38

asym_sam_26_48_dd_correction_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:28439629.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 506.386+/-0.094 χ^2/NDF:441676.4/18

Left: 0.000+/-0.000 χ^2/NDF: 58136592.9/38

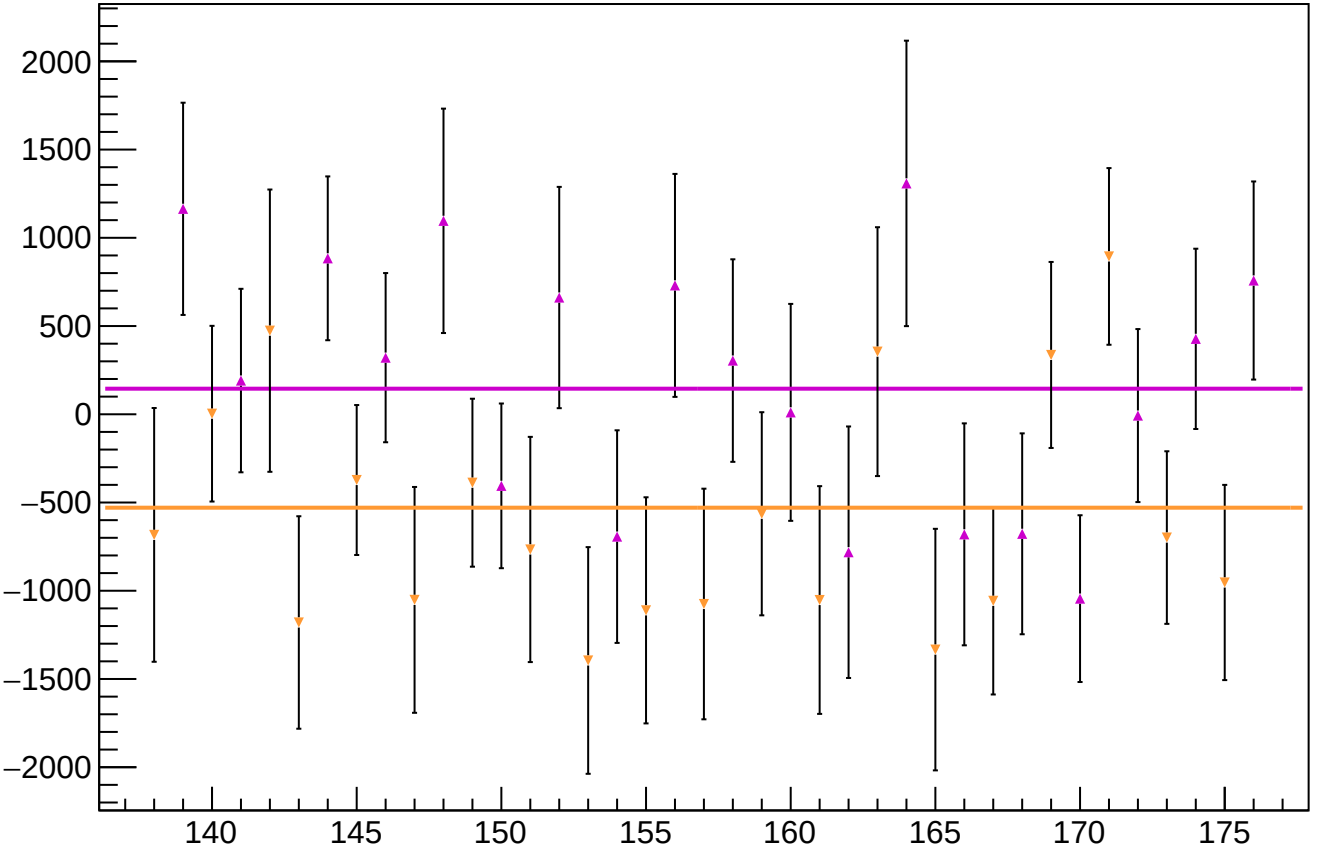
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 506.386+/-0.094 χ^2/NDF:441676.4/18

Out: 0.000+/-0.000 χ^2/NDF:28439629.5/19

All: 0.000+/-0.000 χ^2/NDF: 58136592.9/38

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -529.357+/-128.556 χ^2/NDF:24.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 145.010+/-128.278 χ^2/NDF:28.3/18

Left: -191.443+/-90.804 χ^2/NDF: 66.5/38

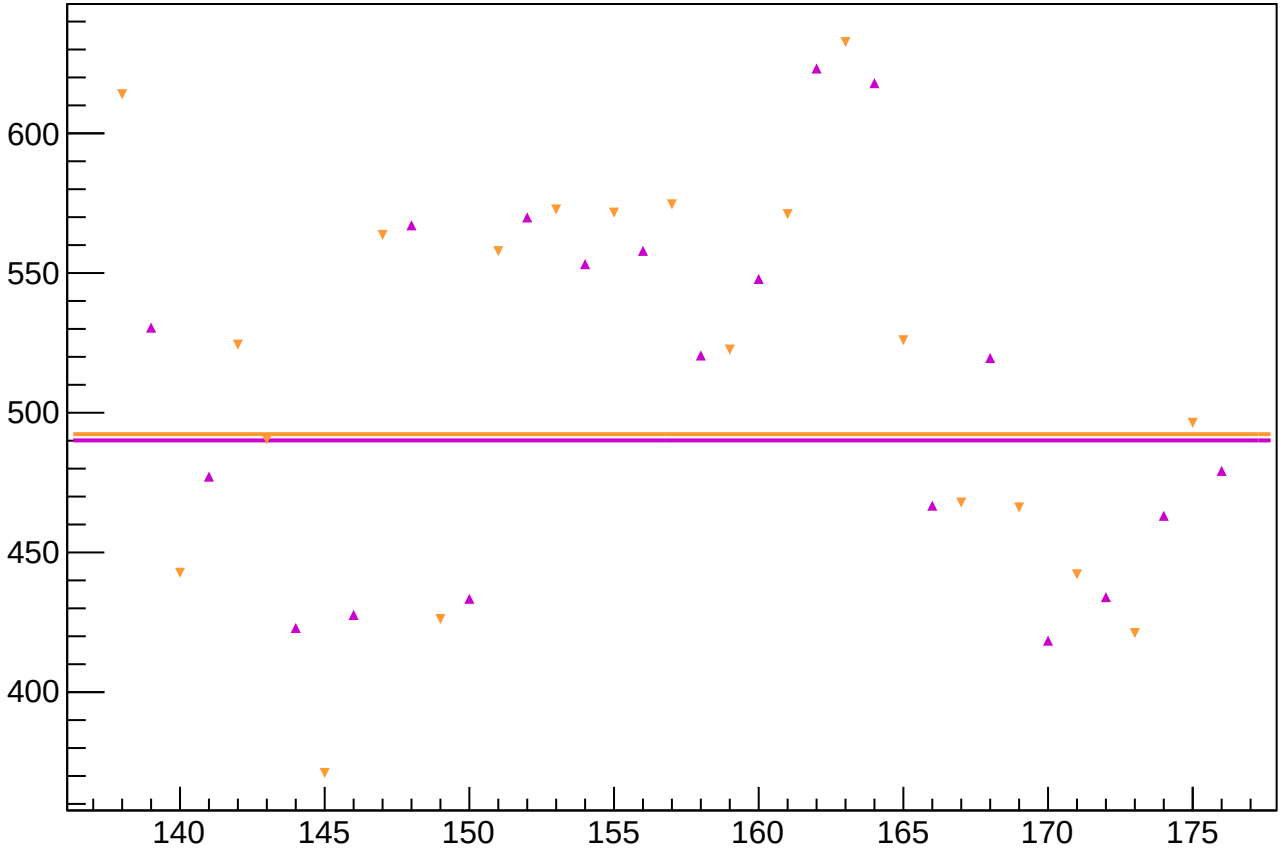
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 145.010+/-128.278 χ^2/NDF:28.3/18

Out: -529.357+/-128.556 χ^2/NDF:24.4/19

All: -191.443+/-90.804 χ^2/NDF: 66.5/38

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 492.336+/-0.091 χ^2/NDF:612600.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 490.102+/-0.091 χ^2/NDF:451957.1/18

Left: 491.216+/-0.064 χ^2/NDF: 1064859.8/38

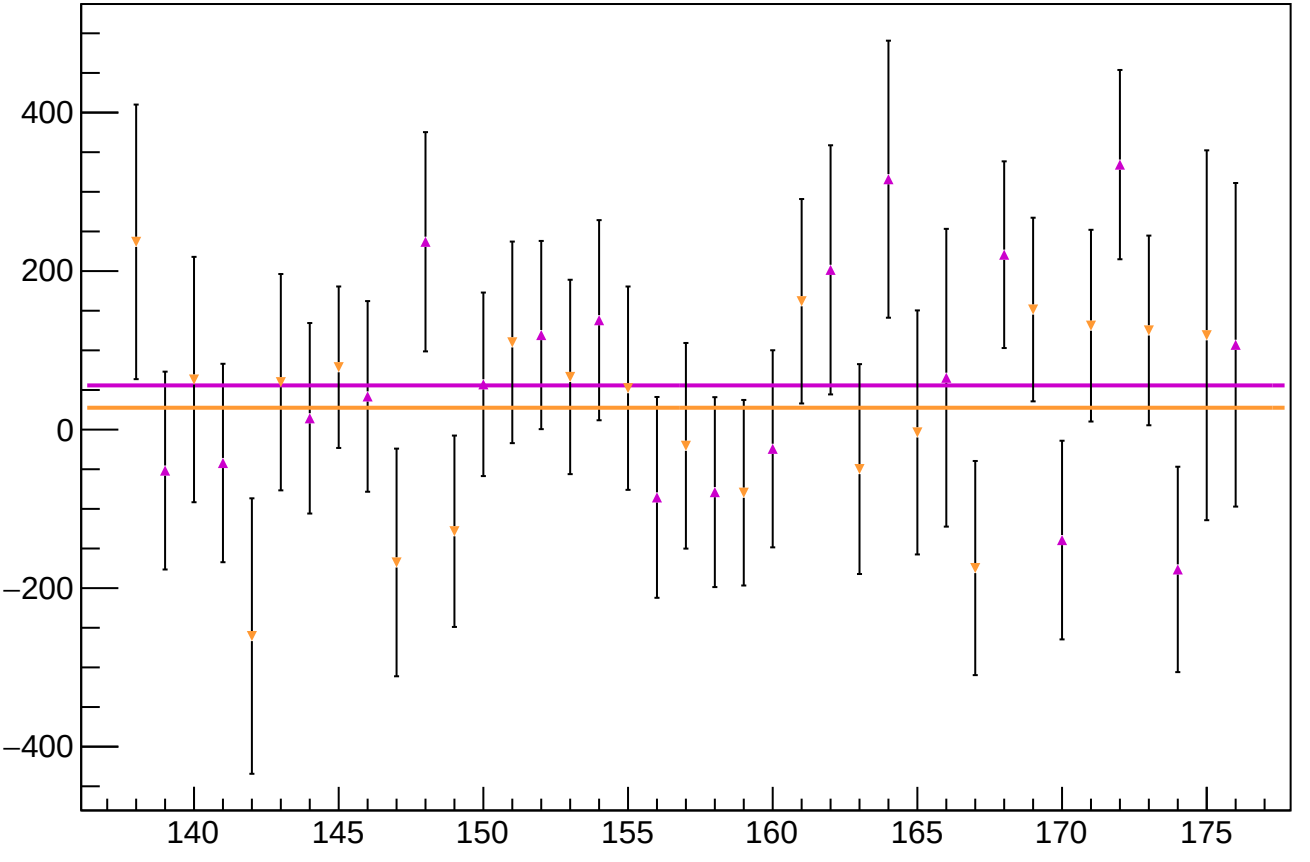
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 490.102+/-0.091 χ^2/NDF:451957.1/18

Out: 492.336+/-0.091 χ^2/NDF:612600.2/19

All: 491.216+/-0.064 χ^2/NDF: 1064859.8/38

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 27.600+/-29.589 χ^2/NDF:16.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 55.772+/-29.952 χ^2/NDF:23.0/18

Left: 41.514+/-21.050 χ^2/NDF: 39.5/38

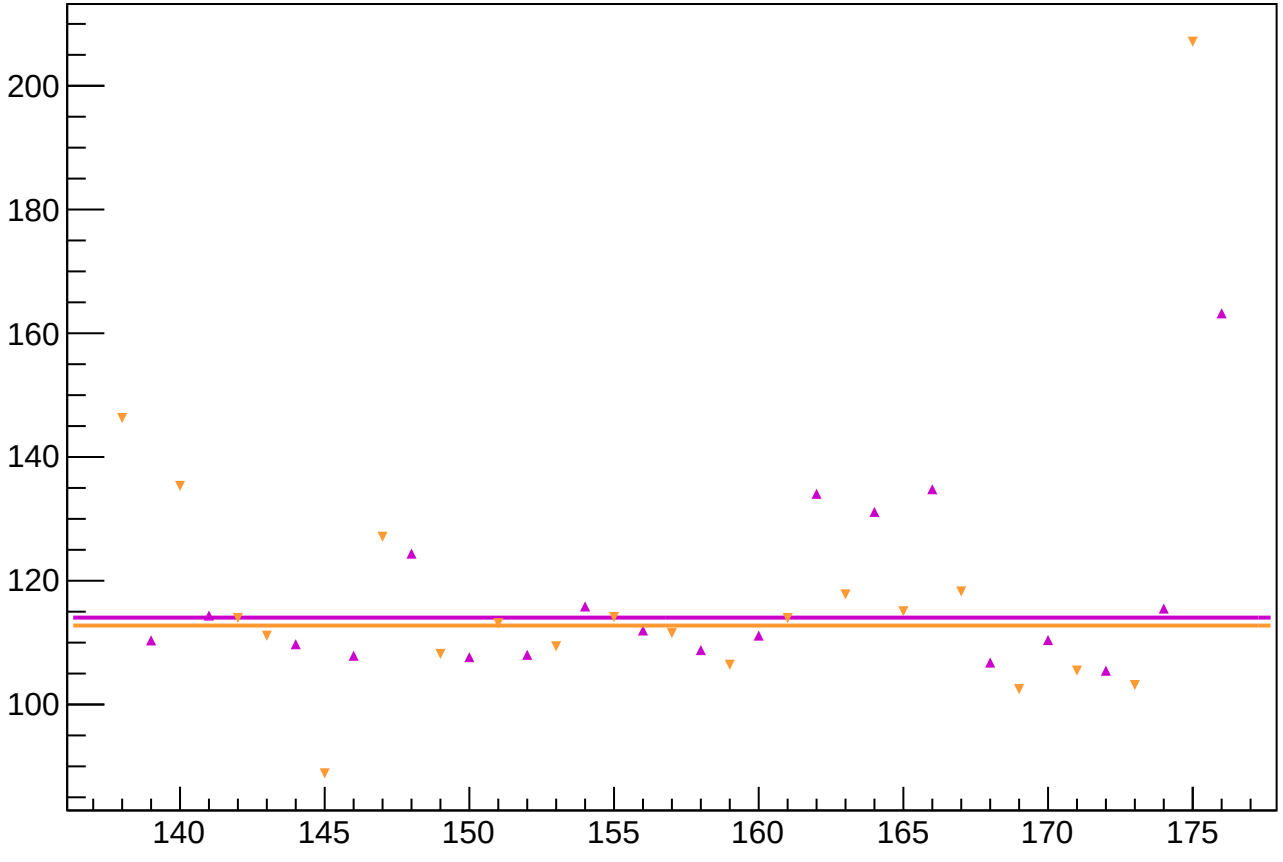
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 55.772+/-29.952 χ^2/NDF:23.0/18

Out: 27.600+/-29.589 χ^2/NDF:16.0/19

All: 41.514+/-21.050 χ^2/NDF: 39.5/38

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 112.756+/-0.021 χ^2/NDF:628459.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 114.042+/-0.021 χ^2/NDF:249774.8/18

Left: 113.391+/-0.015 χ^2/NDF: 880099.5/38

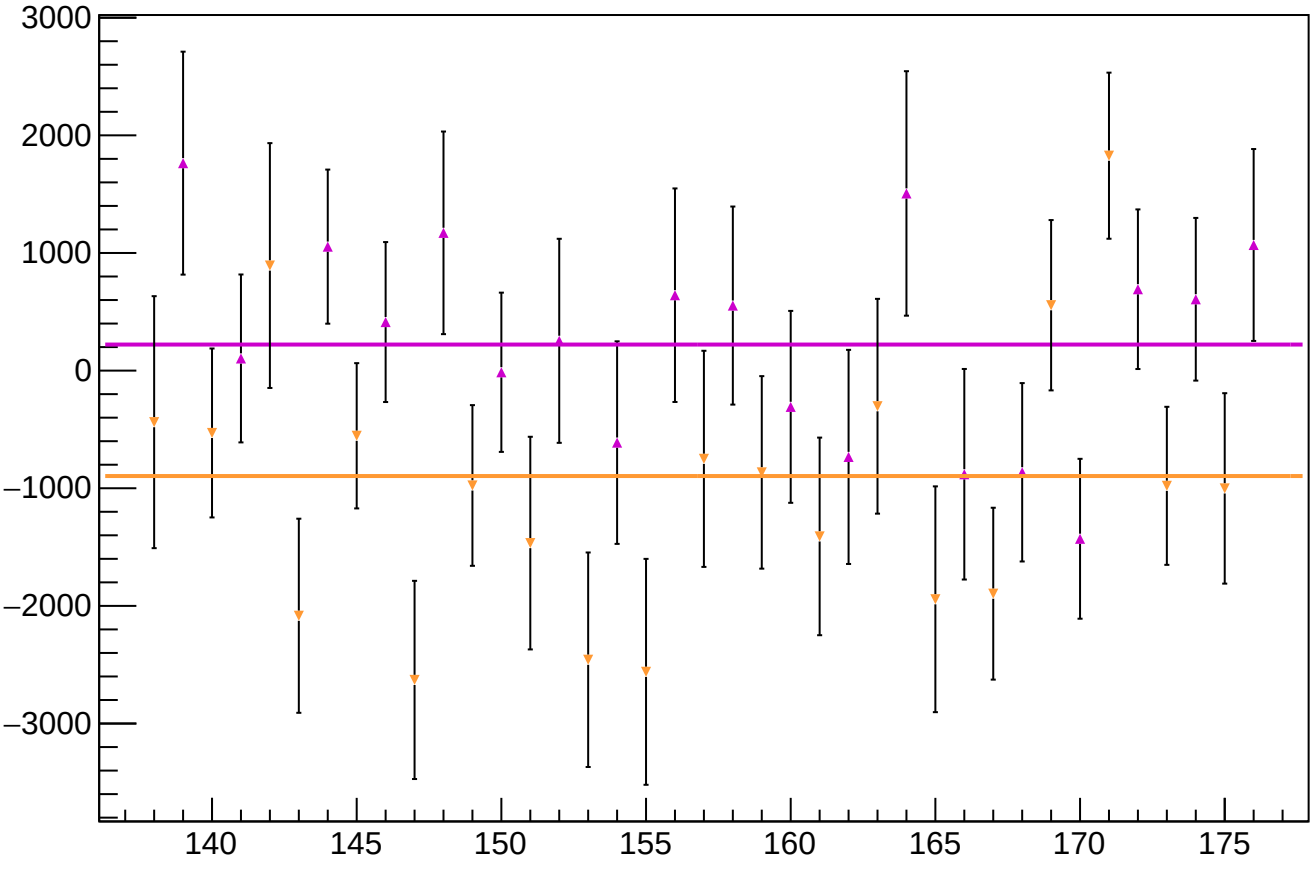
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 114.042+/-0.021 χ^2/NDF:249774.8/18

Out: 112.756+/-0.021 χ^2/NDF:628459.0/19

All: 113.391+/-0.015 χ^2/NDF: 880099.5/38

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -896.174+/-180.173 χ^2/NDF:39.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 221.544+/-179.710 χ^2/NDF:21.4/18

Left: -335.877+/-127.237 χ^2/NDF: 79.9/38

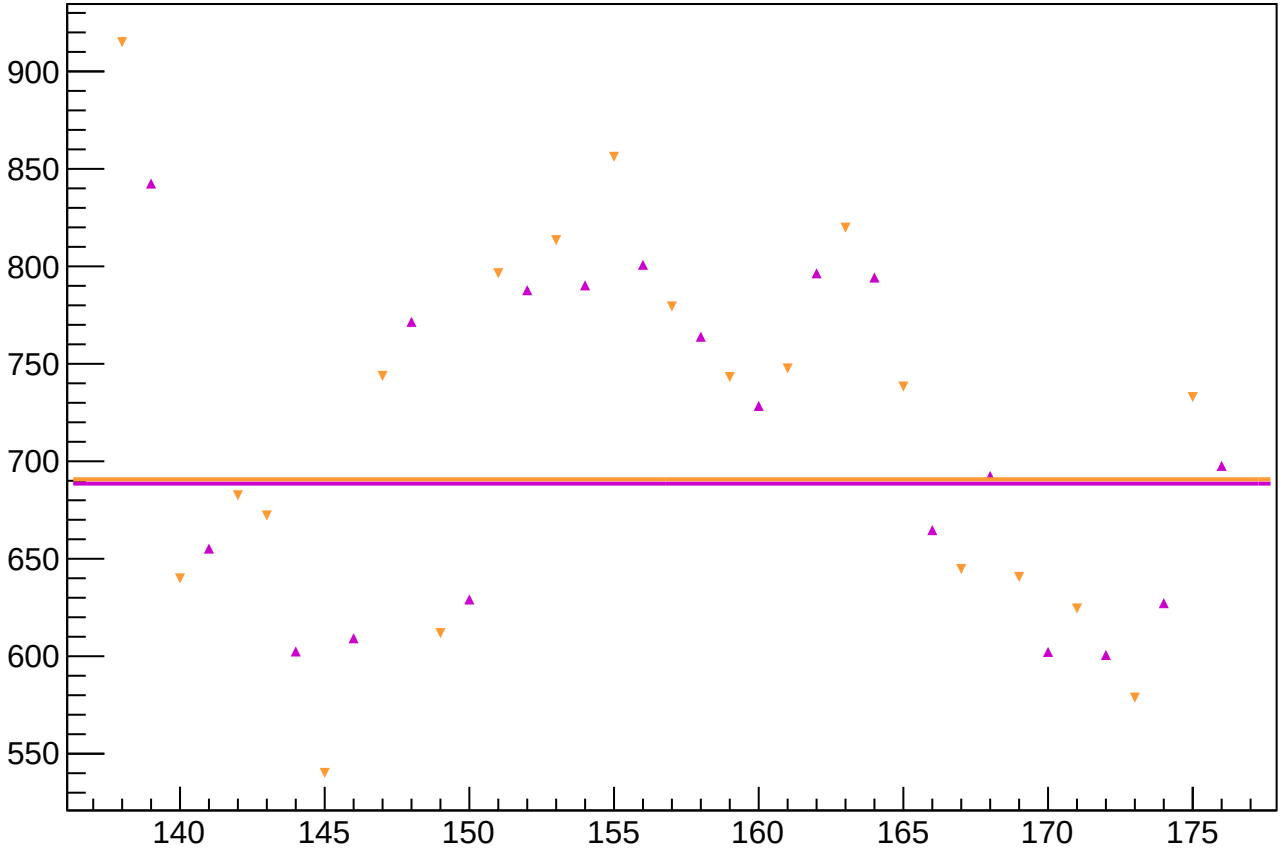
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 221.544+/-179.710 χ^2/NDF:21.4/18

Out: -896.174+/-180.173 χ^2/NDF:39.2/19

All: -335.877+/-127.237 χ^2/NDF: 79.9/38

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 690.785+/-0.127 χ^2/NDF:552530.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 688.562+/-0.127 χ^2/NDF:390529.8/18

Left: 689.671+/-0.090 χ^2/NDF: 943213.1/38

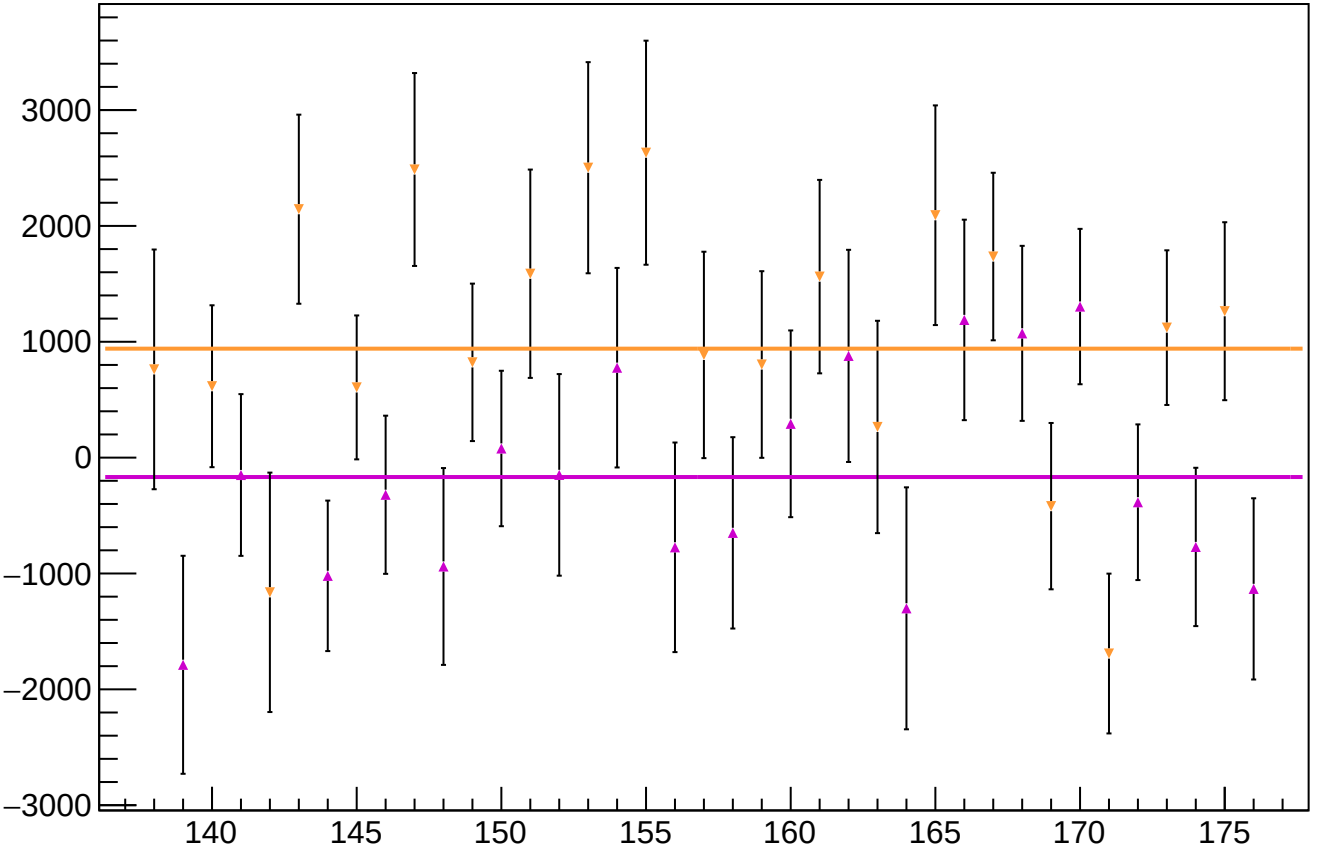
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 688.562+/-0.127 χ^2/NDF:390529.8/18

Out: 690.785+/-0.127 χ^2/NDF:552530.8/19

All: 689.671+/-0.090 χ^2/NDF: 943213.1/38

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 940.568+/-177.984 χ^2/NDF:39.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -167.431+/-177.838 χ^2/NDF:22.9/18

Left: 386.115+/-125.802 χ^2/NDF: 81.3/38

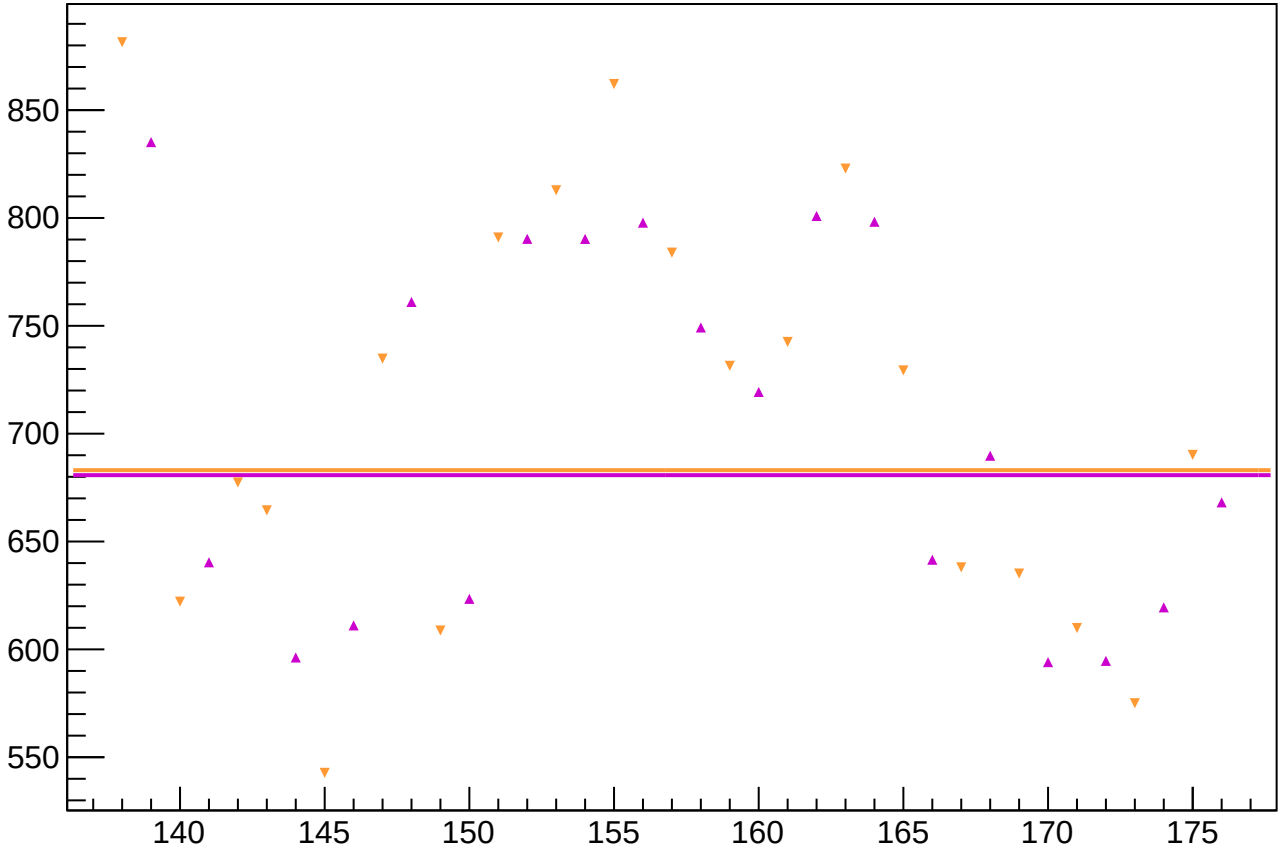
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -167.431+/-177.838 χ^2/NDF:22.9/18

Out: 940.568+/-177.984 χ^2/NDF:39.1/19

All: 386.115+/-125.802 χ^2/NDF: 81.3/38

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 683.065+/-0.126 χ^2/NDF:547591.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 680.767+/-0.126 χ^2/NDF:410653.5/18

Left: 681.915+/-0.089 χ^2/NDF: 958411.8/38

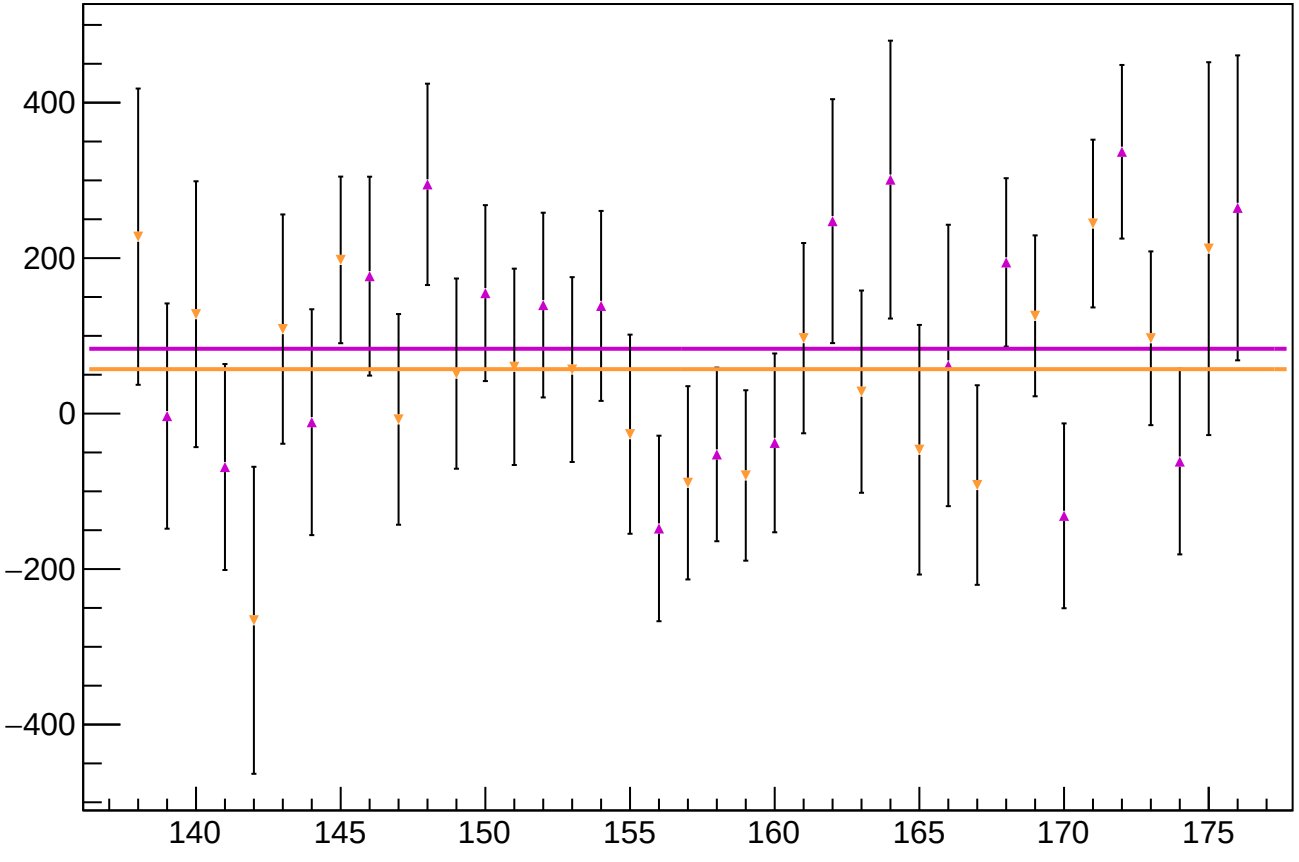
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 680.767+/-0.126 χ^2/NDF:410653.5/18

Out: 683.065+/-0.126 χ^2/NDF:547591.5/19

All: 681.915+/-0.089 χ^2/NDF: 958411.8/38

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 57.160+/-29.037 χ^2/NDF:15.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 83.387+/-29.497 χ^2/NDF:26.9/18

Left: 70.067+/-20.693 χ^2/NDF: 42.3/38

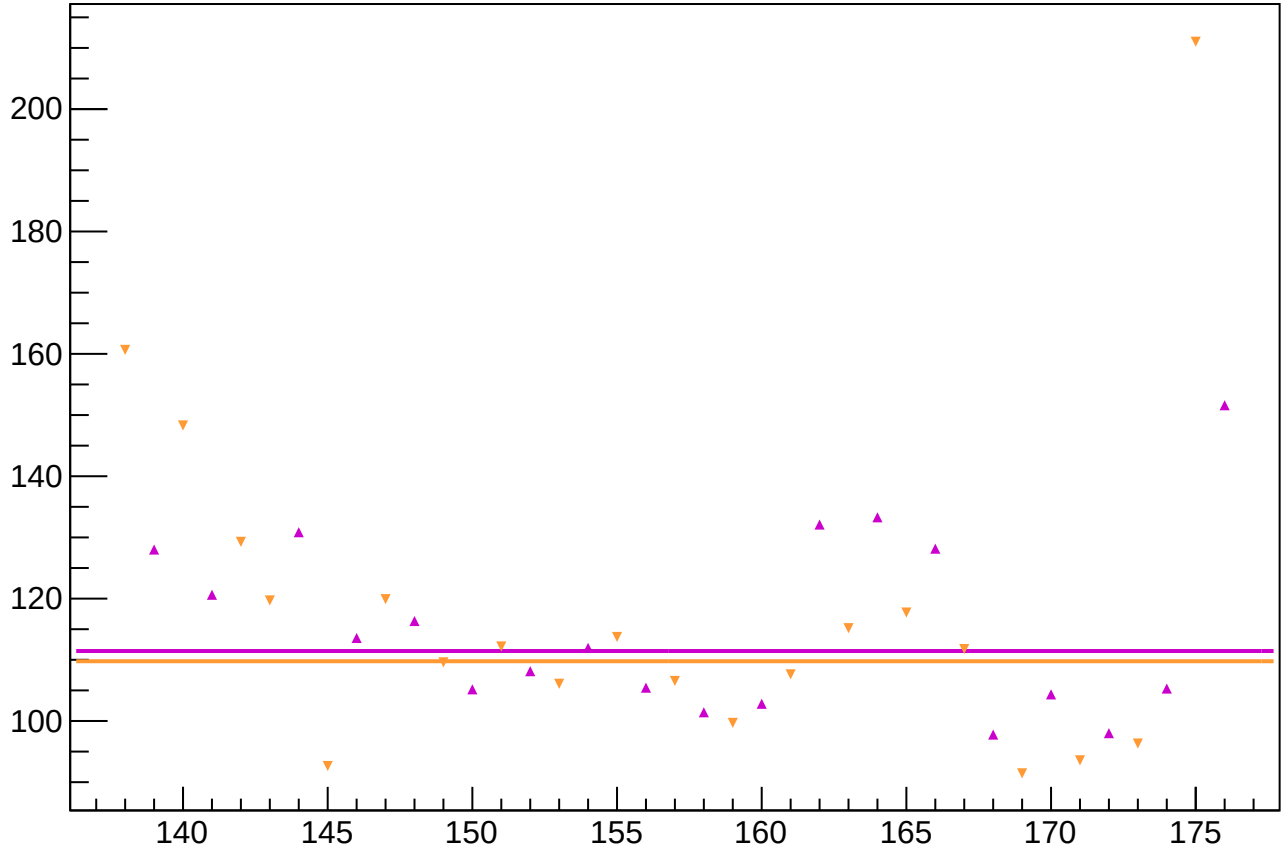
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 83.387+/-29.497 χ^2/NDF:26.9/18

Out: 57.160+/-29.037 χ^2/NDF:15.0/19

All: 70.067+/-20.693 χ^2/NDF: 42.3/38

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 109.766+/-0.021 χ^2/NDF:860516.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 111.436+/-0.021 χ^2/NDF:353693.0/18

Left: 110.588+/-0.015 χ^2/NDF: 1217466.3/38

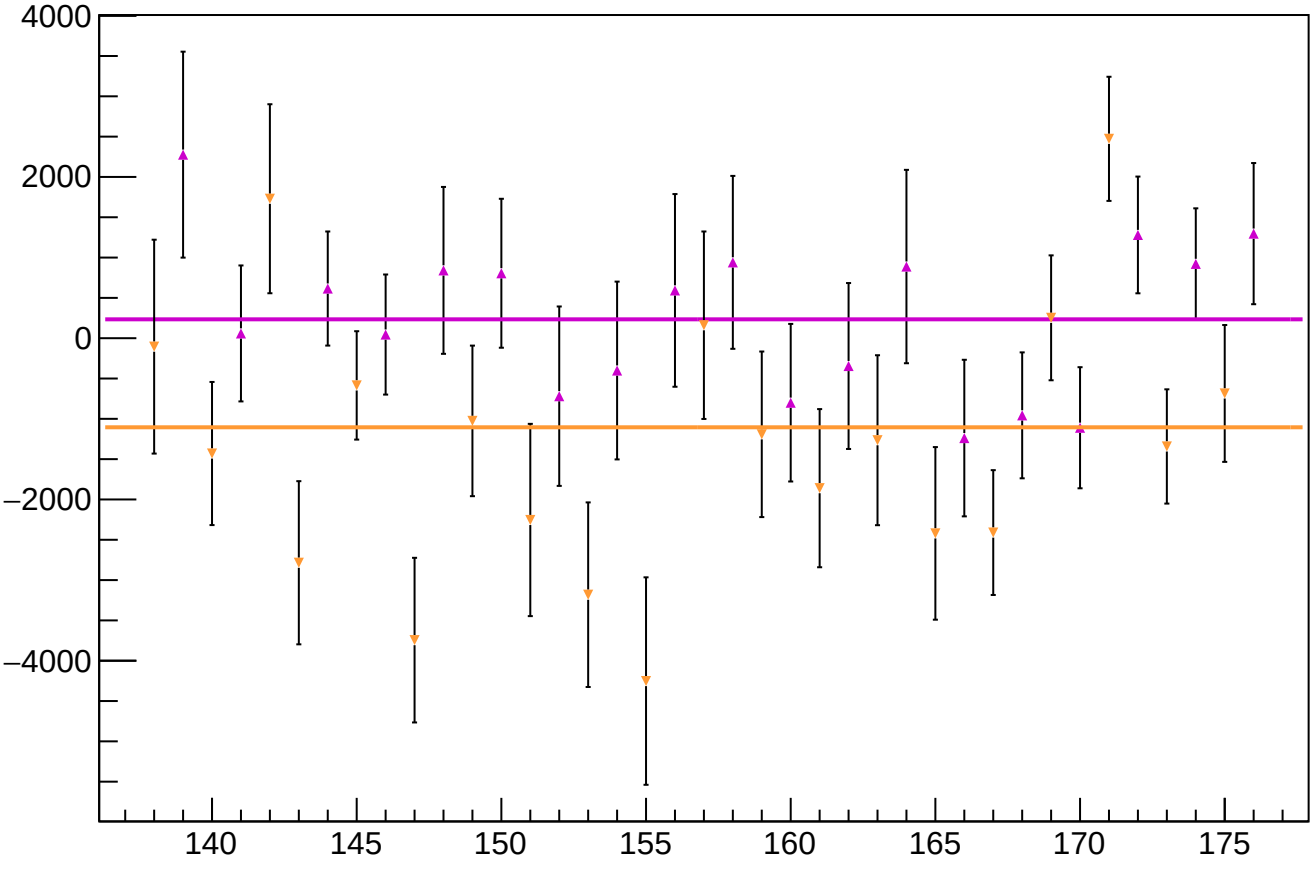
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.436+/-0.021 χ^2/NDF:353693.0/18

Out: 109.766+/-0.021 χ^2/NDF:860516.4/19

All: 110.588+/-0.015 χ^2/NDF: 1217466.3/38

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -1104.963+/-209.254 χ^2/NDF:58.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 234.075+/-205.811 χ^2/NDF:19.4/18

Left: -424.339+/-146.733 χ^2/NDF: 98.2/38

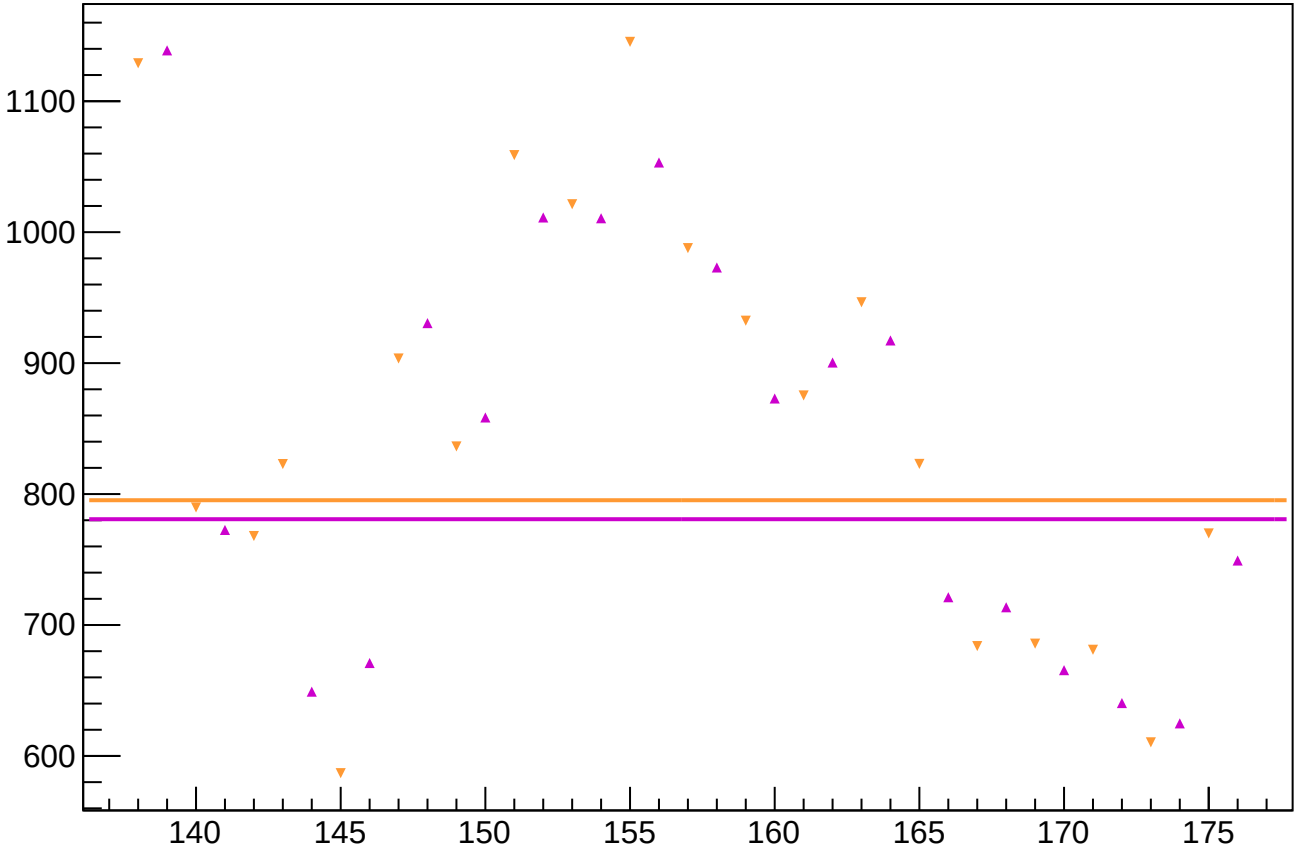
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 234.075+/-205.811 χ^2/NDF:19.4/18

Out: -1104.963+/-209.254 χ^2/NDF:58.0/19

All: -424.339+/-146.733 χ^2/NDF: 98.2/38

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 795.290+/-0.148 χ^2/NDF:1081413.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 780.794+/-0.146 χ^2/NDF:987647.7/18

Left: 787.922+/-0.104 χ^2/NDF: 2073939.0/38

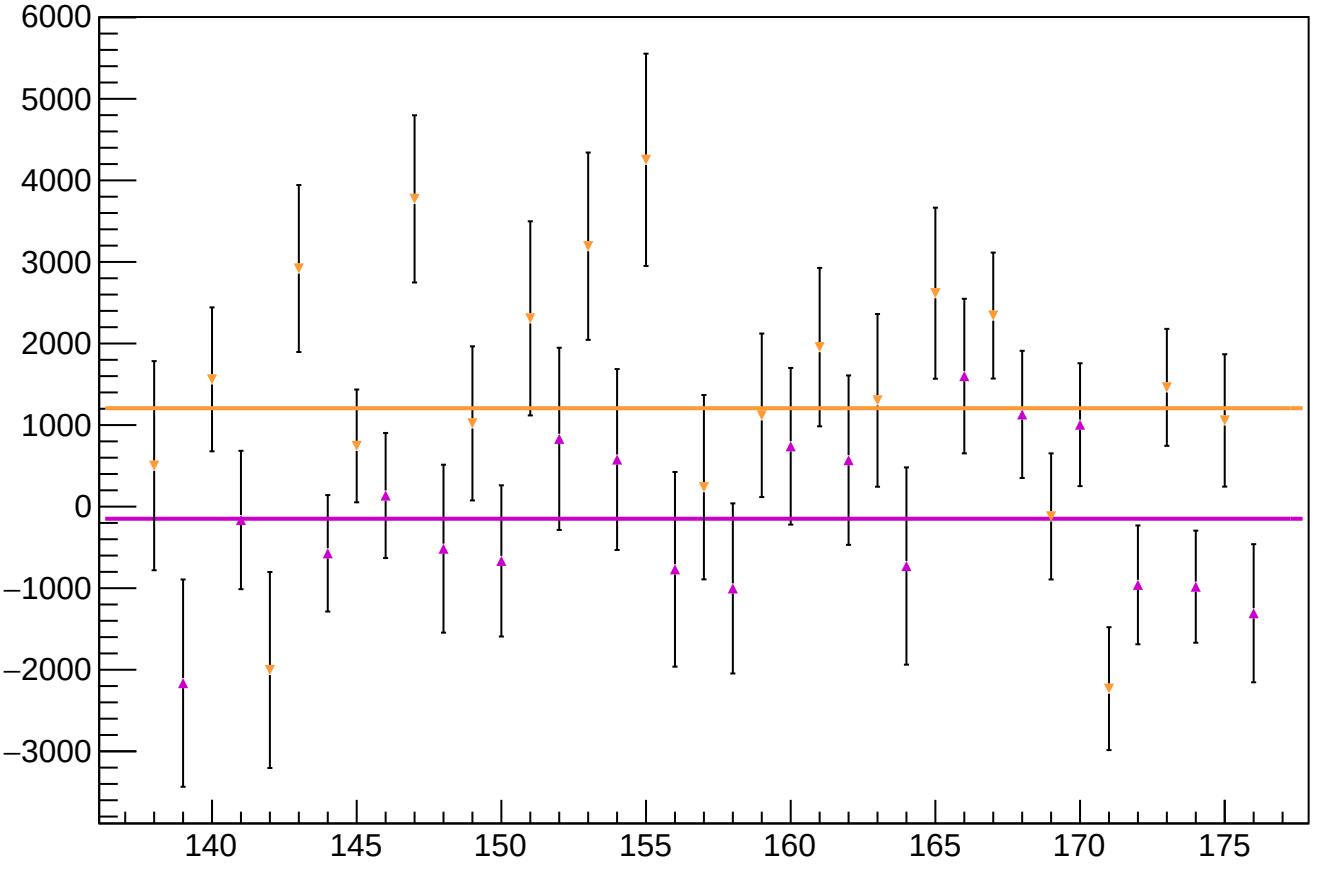
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 780.794+/-0.146 χ^2/NDF:987647.7/18

Out: 795.290+/-0.148 χ^2/NDF:1081413.2/19

All: 787.922+/-0.104 χ^2/NDF: 2073939.0/38

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1206.702+/-208.638 χ^2/NDF:55.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -148.640+/-205.740 χ^2/NDF:20.2/18

Left: 519.554+/-146.494 χ^2/NDF: 97.3/38

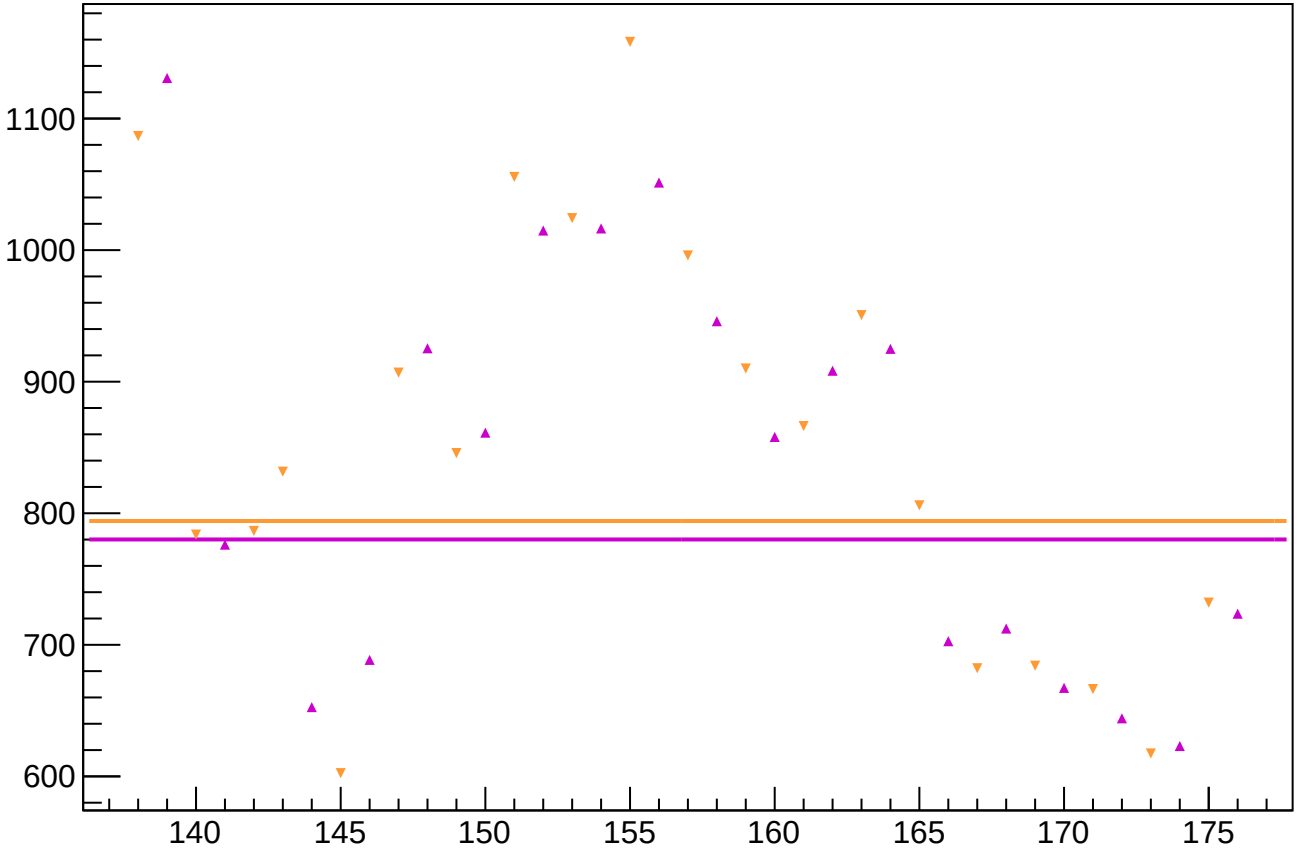
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -148.640+/-205.740 χ^2/NDF:20.2/18

Out: 1206.702+/-208.638 χ^2/NDF:55.7/19

All: 519.554+/-146.494 χ^2/NDF: 97.3/38

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 794.108+/-0.148 χ^2/NDF:1043197.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 780.079+/-0.145 χ^2/NDF:961329.8/18

Left: 786.995+/-0.104 χ^2/NDF: 2009112.4/38

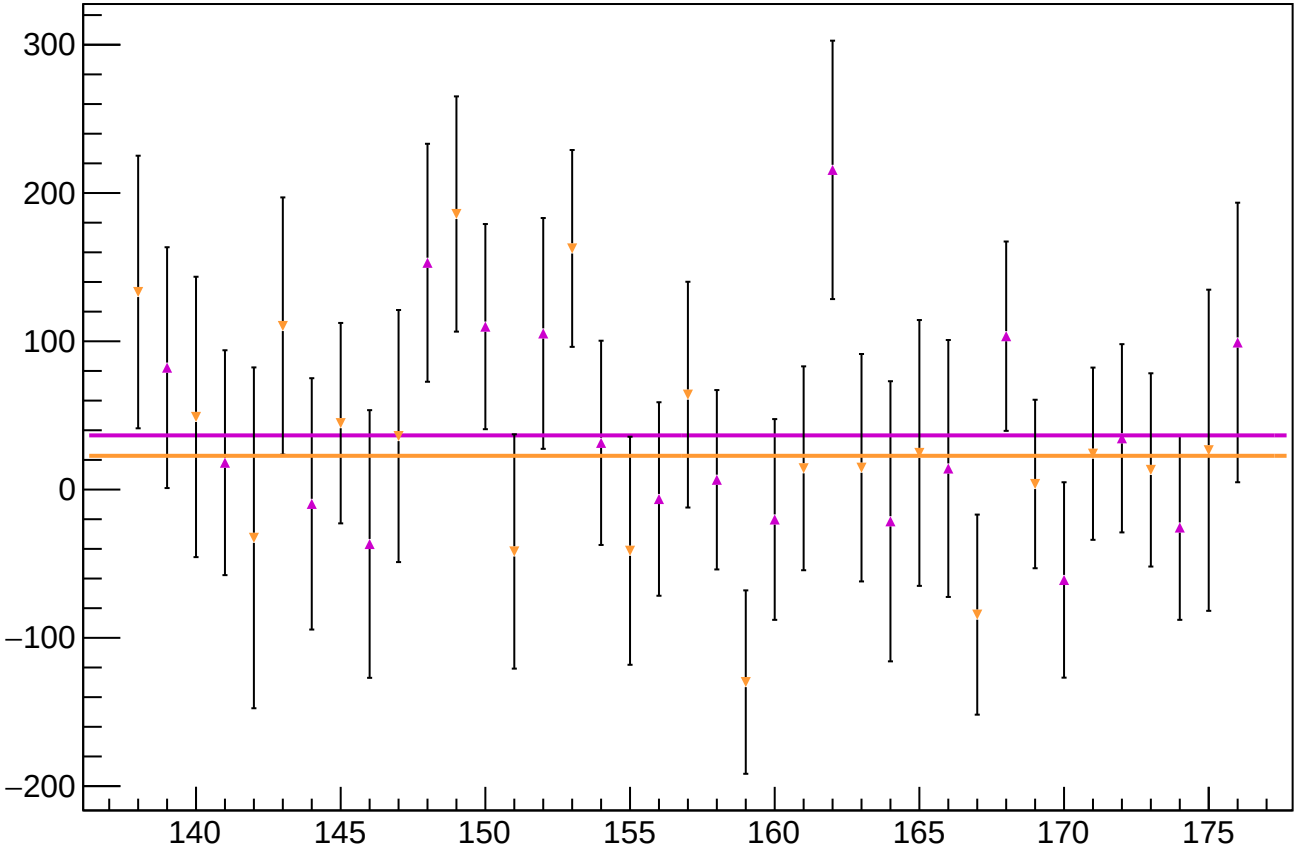
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 780.079+/-0.145 χ^2/NDF:961329.8/18

Out: 794.108+/-0.148 χ^2/NDF:1043197.7/19

All: 786.995+/-0.104 χ^2/NDF: 2009112.4/38

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 22.772+/-16.672 χ^2/NDF:22.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 36.540+/-16.843 χ^2/NDF:16.1/18

Left: 29.586+/-11.849 χ^2/NDF: 38.4/38

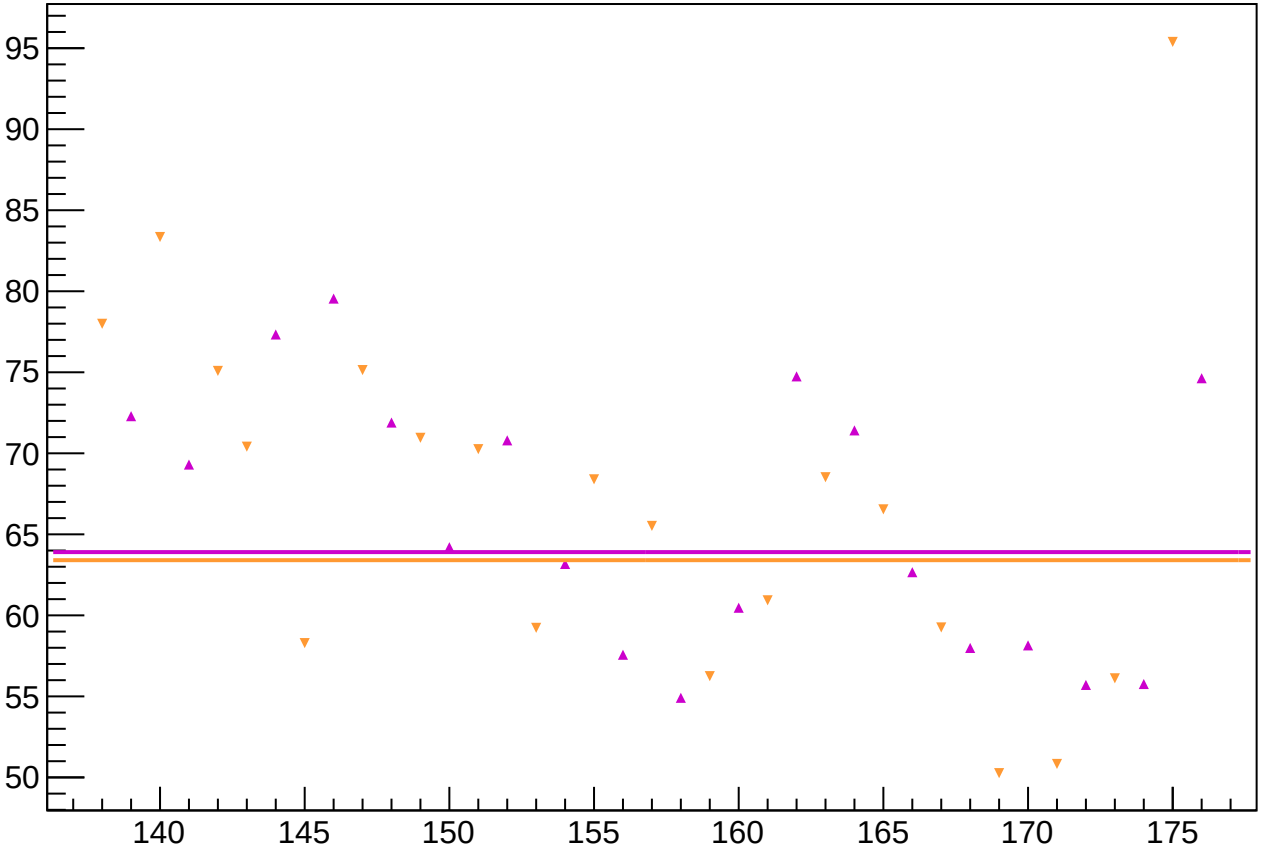
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 36.540+/-16.843 χ^2/NDF:16.1/18

Out: 22.772+/-16.672 χ^2/NDF:22.0/19

All: 29.586+/-11.849 χ^2/NDF: 38.4/38

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 63.405+/-0.012 χ^2/NDF:722131.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 63.904+/-0.012 χ^2/NDF:415612.2/18

Left: 63.652+/-0.008 χ^2/NDF: 1138627.9/38

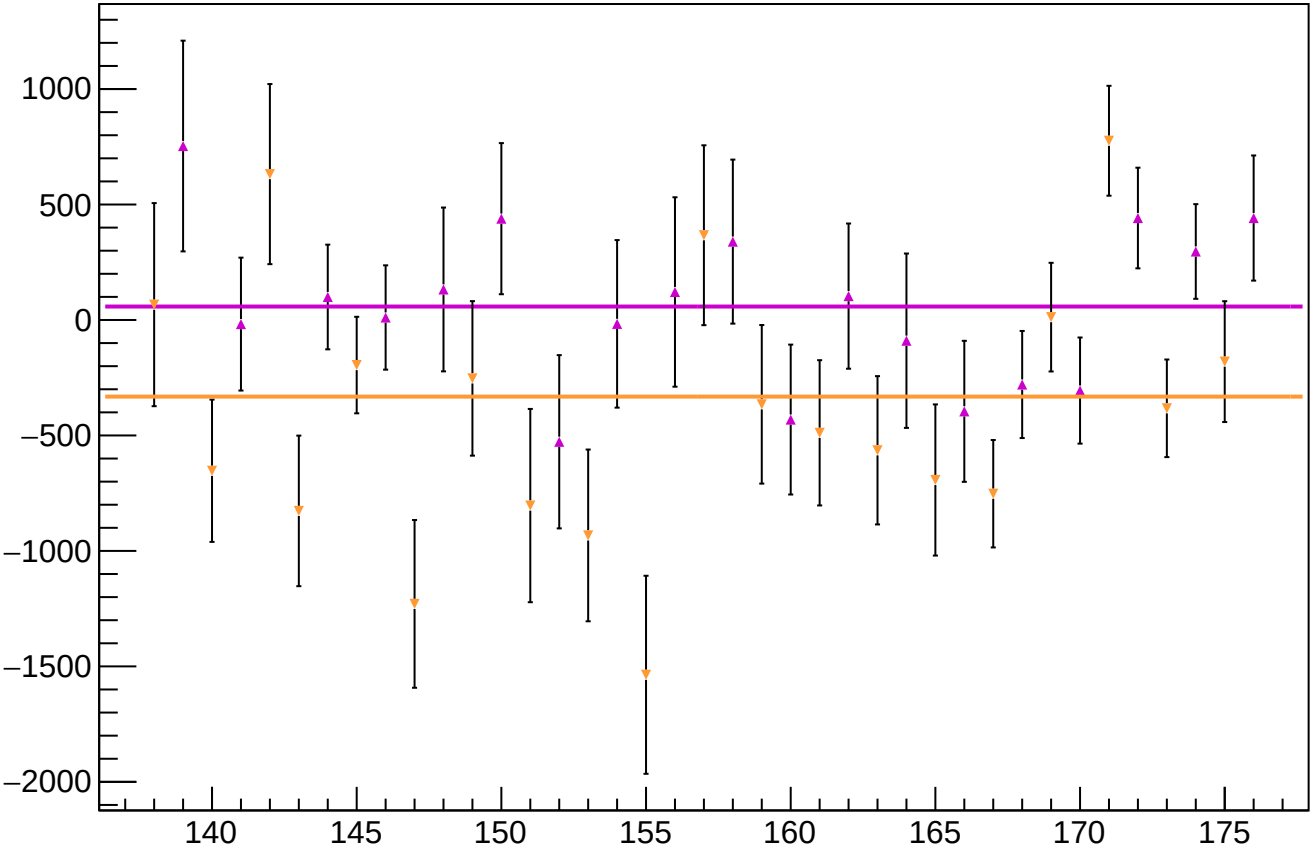
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 63.904+/-0.012 χ^2/NDF:415612.2/18

Out: 63.405+/-0.012 χ^2/NDF:722131.1/19

All: 63.652+/-0.008 χ^2/NDF: 1138627.9/38

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -331.833+/-66.677 χ^2/NDF:61.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 58.249+/-65.207 χ^2/NDF:22.7/18

Left: -132.447+/-46.619 χ^2/NDF: 101.6/38

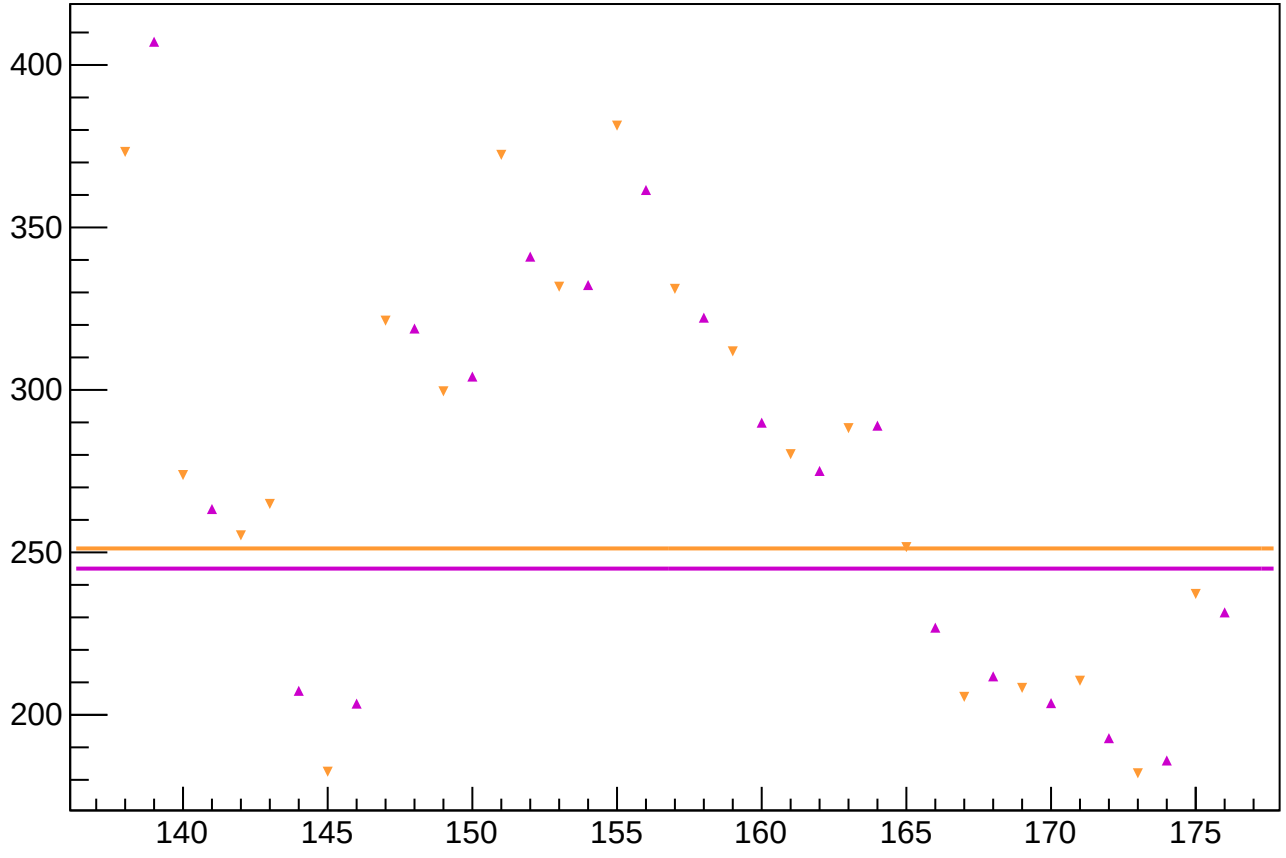
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.249+/-65.207 χ^2/NDF:22.7/18

Out: -331.833+/-66.677 χ^2/NDF:61.4/19

All: -132.447+/-46.619 χ^2/NDF: 101.6/38

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 251.215+/-0.047 χ^2/NDF:1559238.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 245.013+/-0.046 χ^2/NDF:1520511.0/18

Left: 248.045+/-0.033 χ^2/NDF: 3088595.0/38

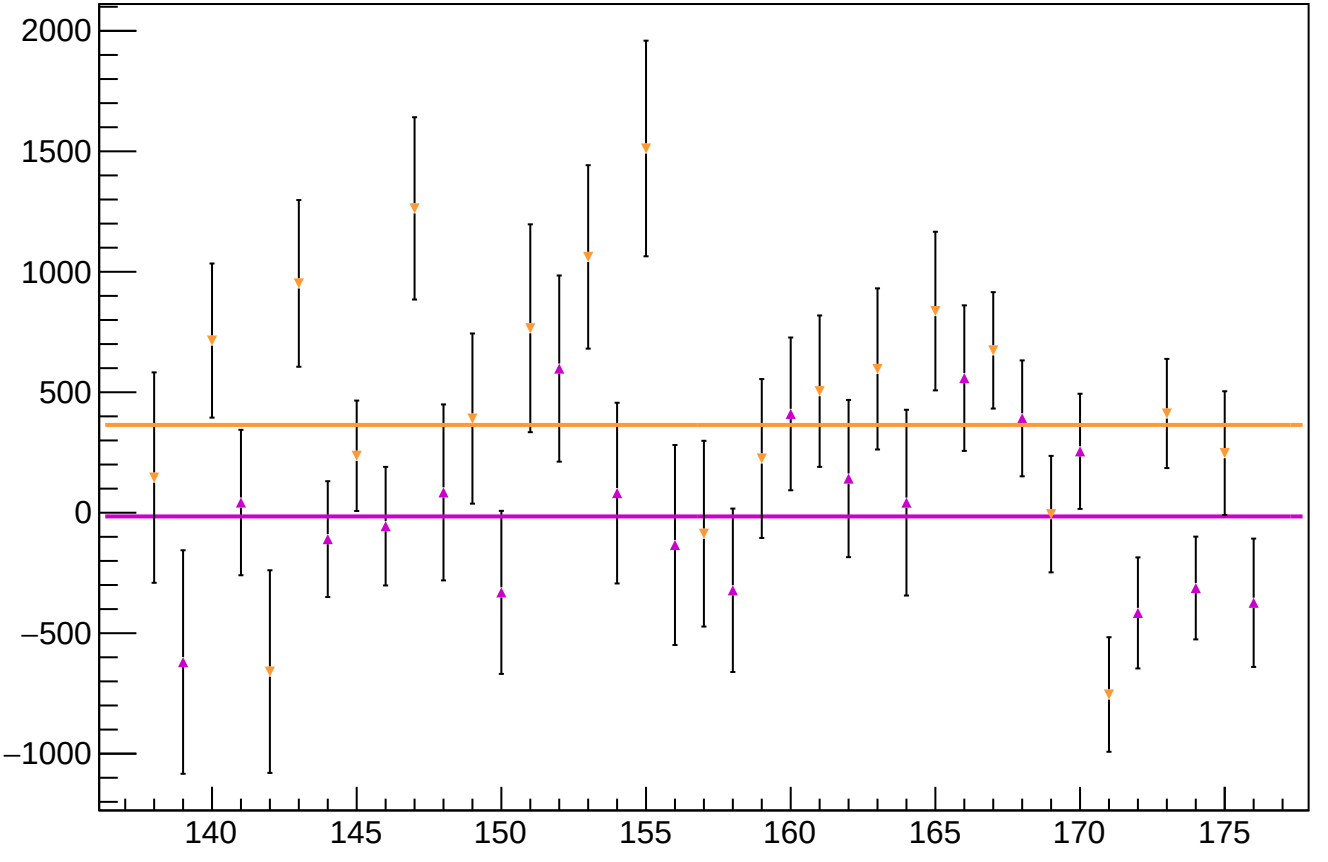
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 245.013+/-0.046 χ^2/NDF:1520511.0/18

Out: 251.215+/-0.047 χ^2/NDF:1559238.1/19

All: 248.045+/-0.033 χ^2/NDF: 3088595.0/38

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 364.442+/-68.817 χ^2/NDF:57.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -15.372+/-67.307 χ^2/NDF:22.9/18

Left: 170.322+/-48.118 χ^2/NDF: 96.2/38

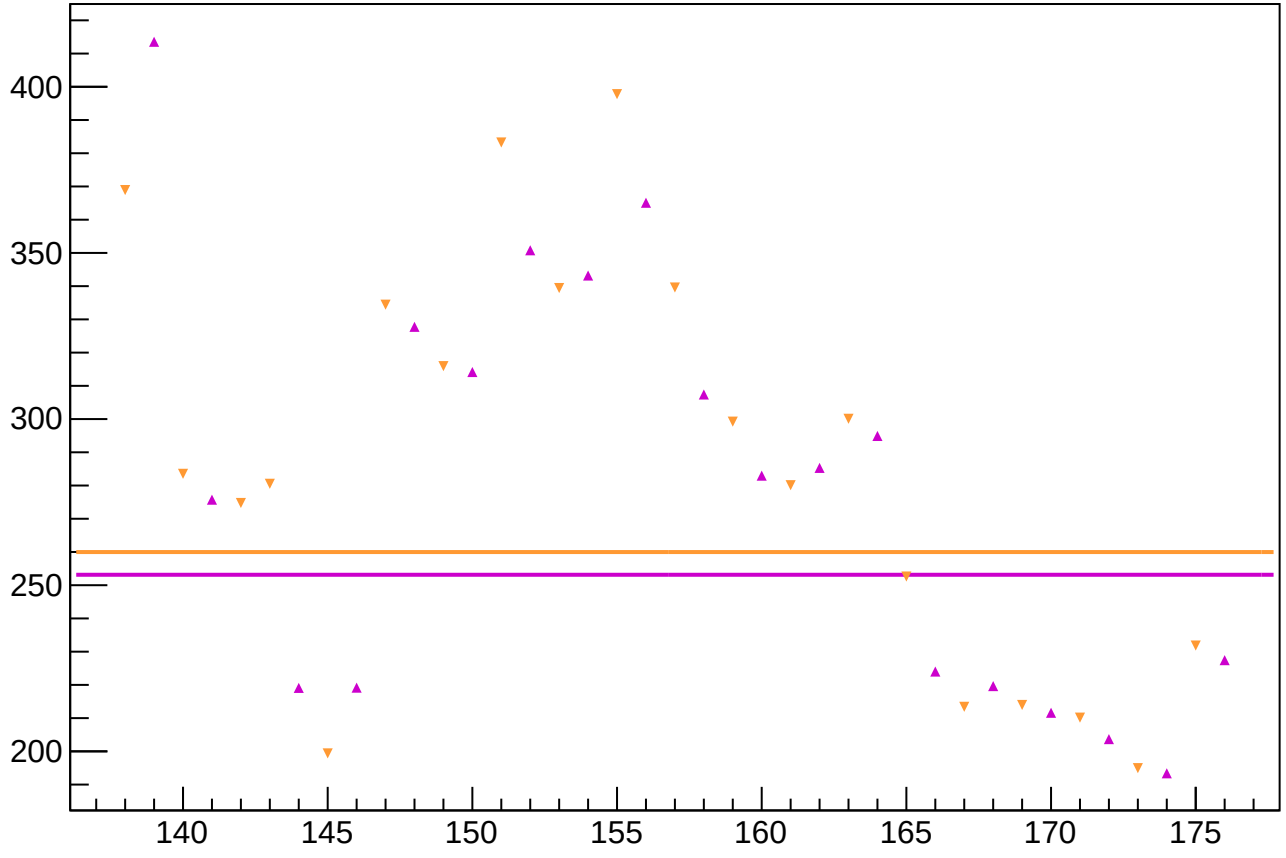
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.372+/-67.307 χ^2/NDF:22.9/18

Out: 364.442+/-68.817 χ^2/NDF:57.7/19

All: 170.322+/-48.118 χ^2/NDF: 96.2/38

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 259.979+/-0.049 χ^2/NDF:1427592.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 253.142+/-0.048 χ^2/NDF:1363252.1/18

Left: 256.484+/-0.034 χ^2/NDF: 2800932.9/38

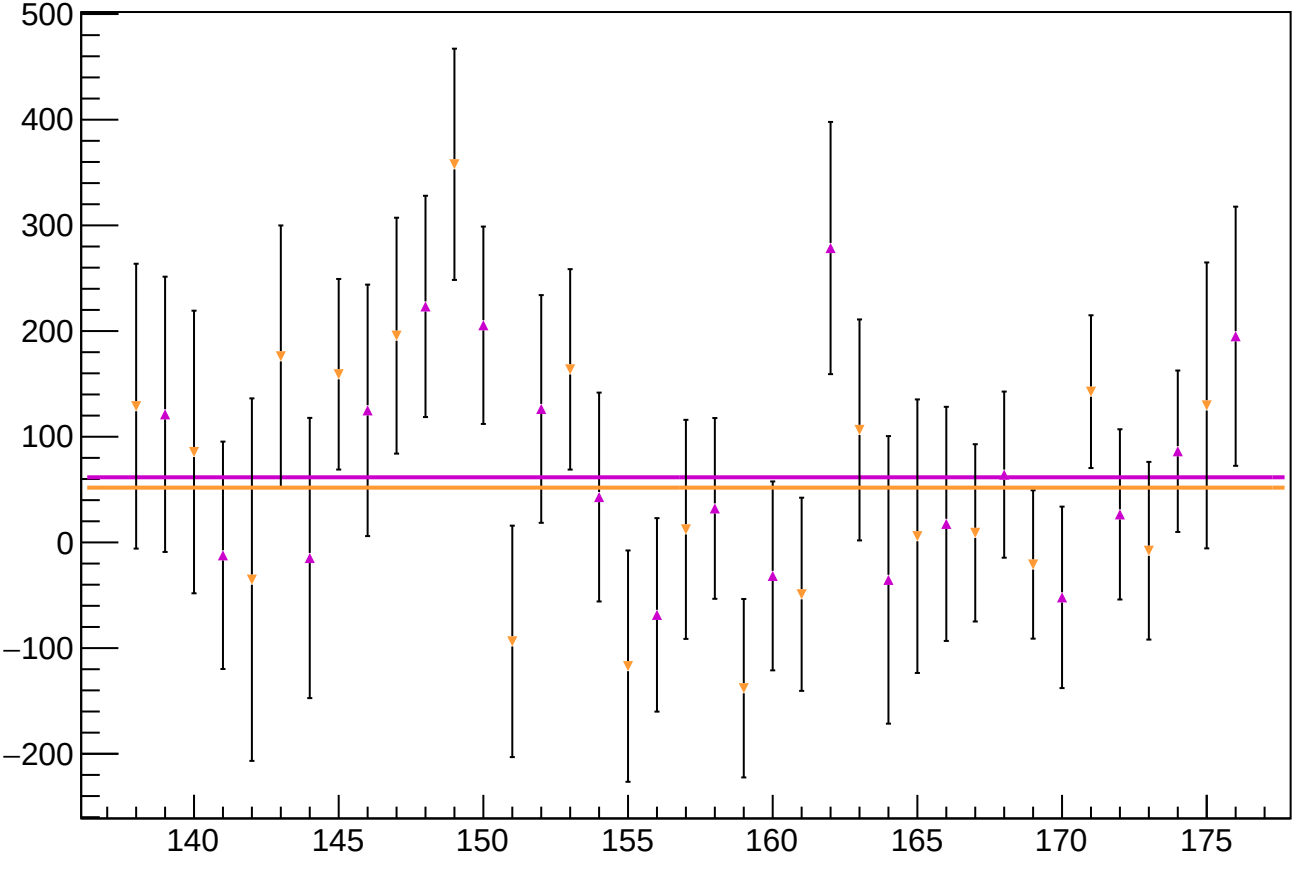
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 253.142+/-0.048 χ^2/NDF:1363252.1/18

Out: 259.979+/-0.049 χ^2/NDF:1427592.4/19

All: 256.484+/-0.034 χ^2/NDF: 2800932.9/38

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 51.840+/-22.294 χ^2/NDF:28.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 61.634+/-22.681 χ^2/NDF:16.9/18

Left: 56.653+/-15.899 χ^2/NDF: 45.6/38

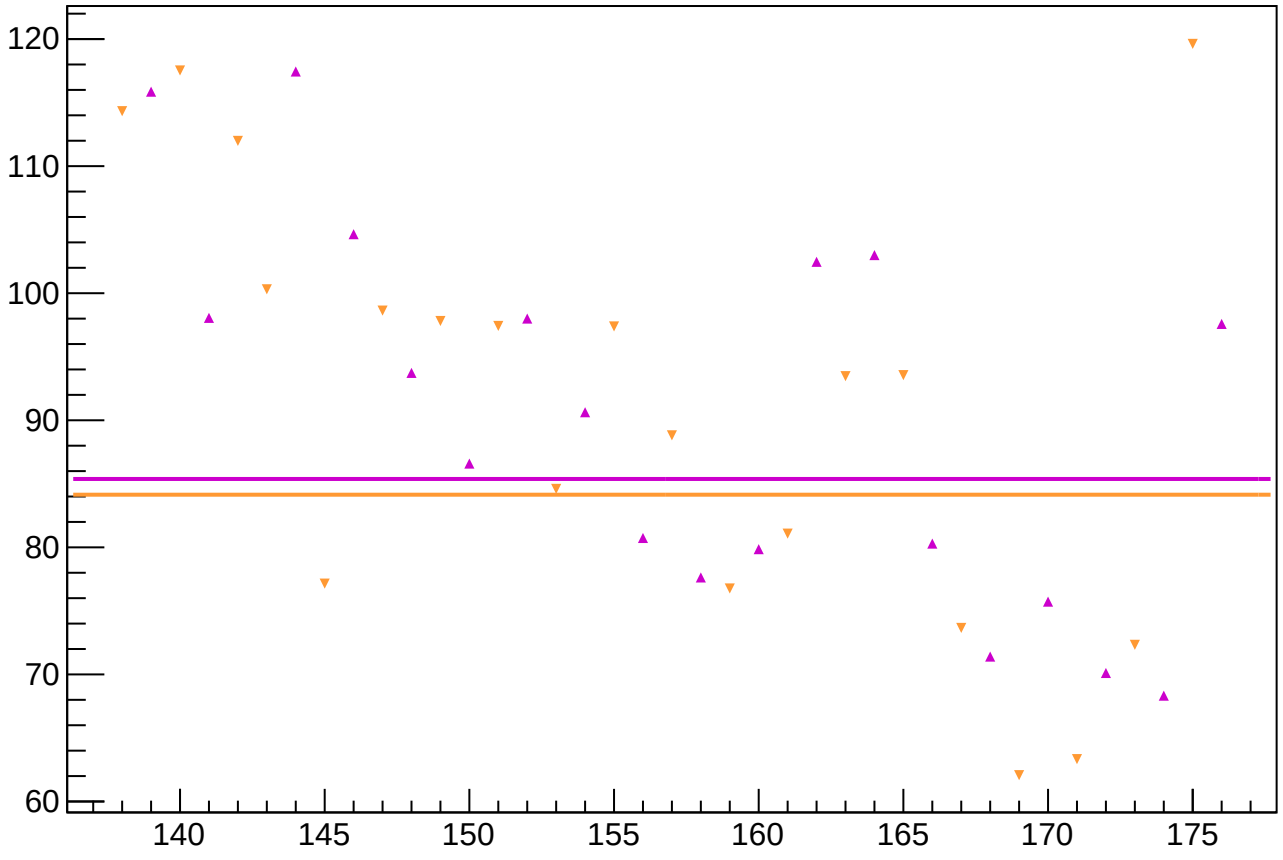
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.634+/-22.681 χ^2/NDF:16.9/18

Out: 51.840+/-22.294 χ^2/NDF:28.7/19

All: 56.653+/-15.899 χ^2/NDF: 45.6/38

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 84.143+/-0.016 χ^2/NDF:1067480.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 85.382+/-0.016 χ^2/NDF:740829.6/18

Left: 84.752+/-0.011 χ^2/NDF: 1811341.1/38

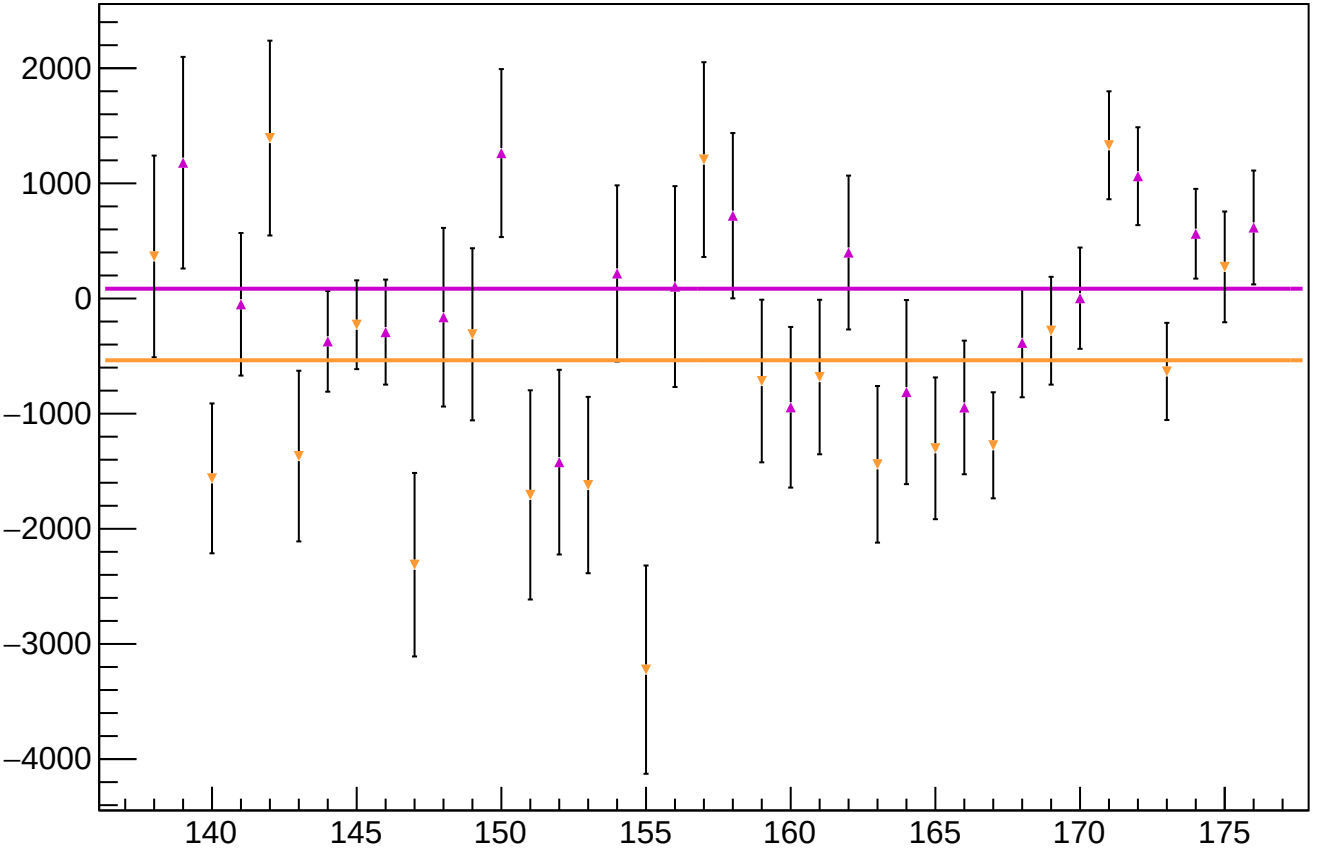
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 85.382+/-0.016 χ^2/NDF:740829.6/18

Out: 84.143+/-0.016 χ^2/NDF:1067480.2/19

All: 84.752+/-0.011 χ^2/NDF: 1811341.1/38

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -536.401+/-134.465 χ^2/NDF:57.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 85.029+/-130.655 χ^2/NDF:26.1/18

Left: -216.757+/-93.705 χ^2/NDF: 94.5/38

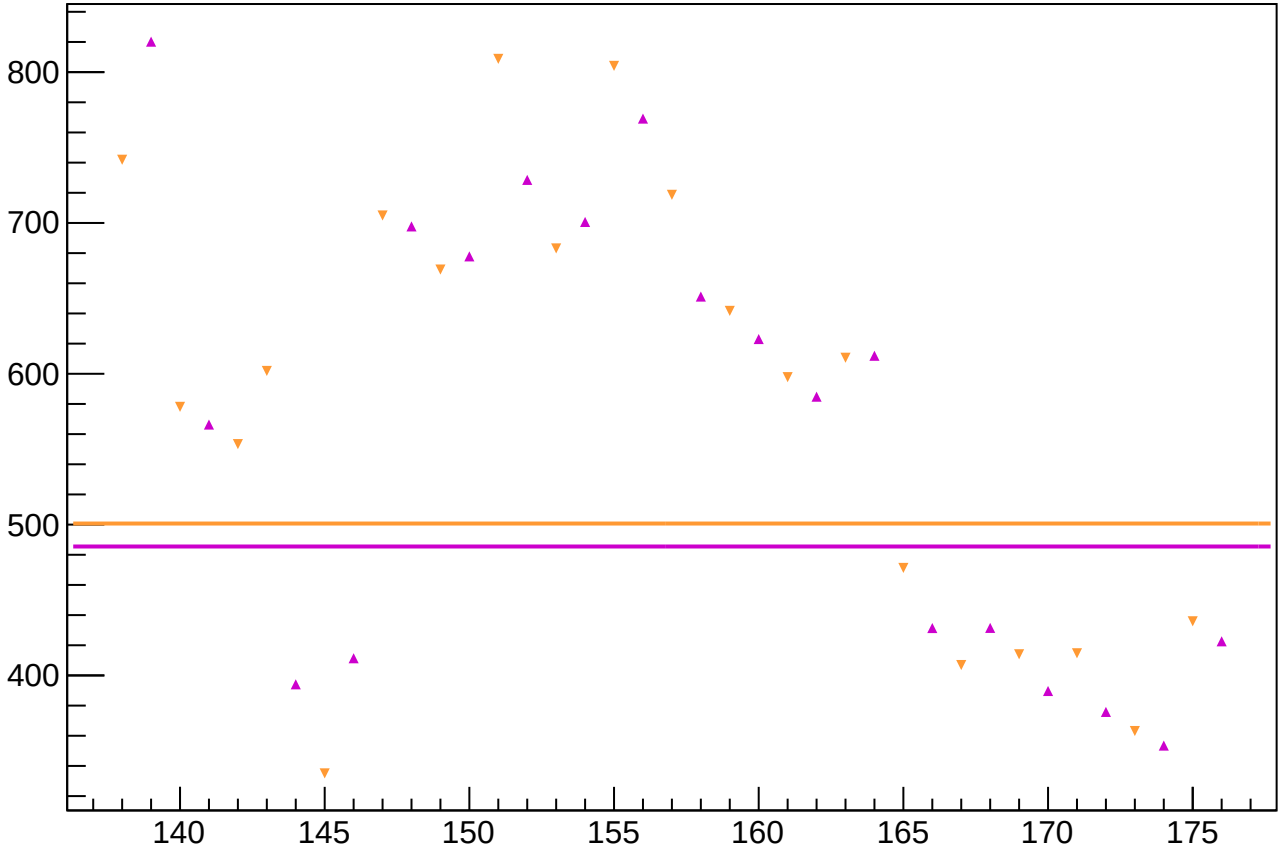
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 85.029+/-130.655 χ^2/NDF:26.1/18

Out: -536.401+/-134.465 χ^2/NDF:57.5/19

All: -216.757+/-93.705 χ^2/NDF: 94.5/38

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 500.712+/-0.095 χ^2/NDF:2174652.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 485.486+/-0.092 χ^2/NDF:2093836.8/18

Left: 492.880+/-0.066 χ^2/NDF: 4281680.1/38

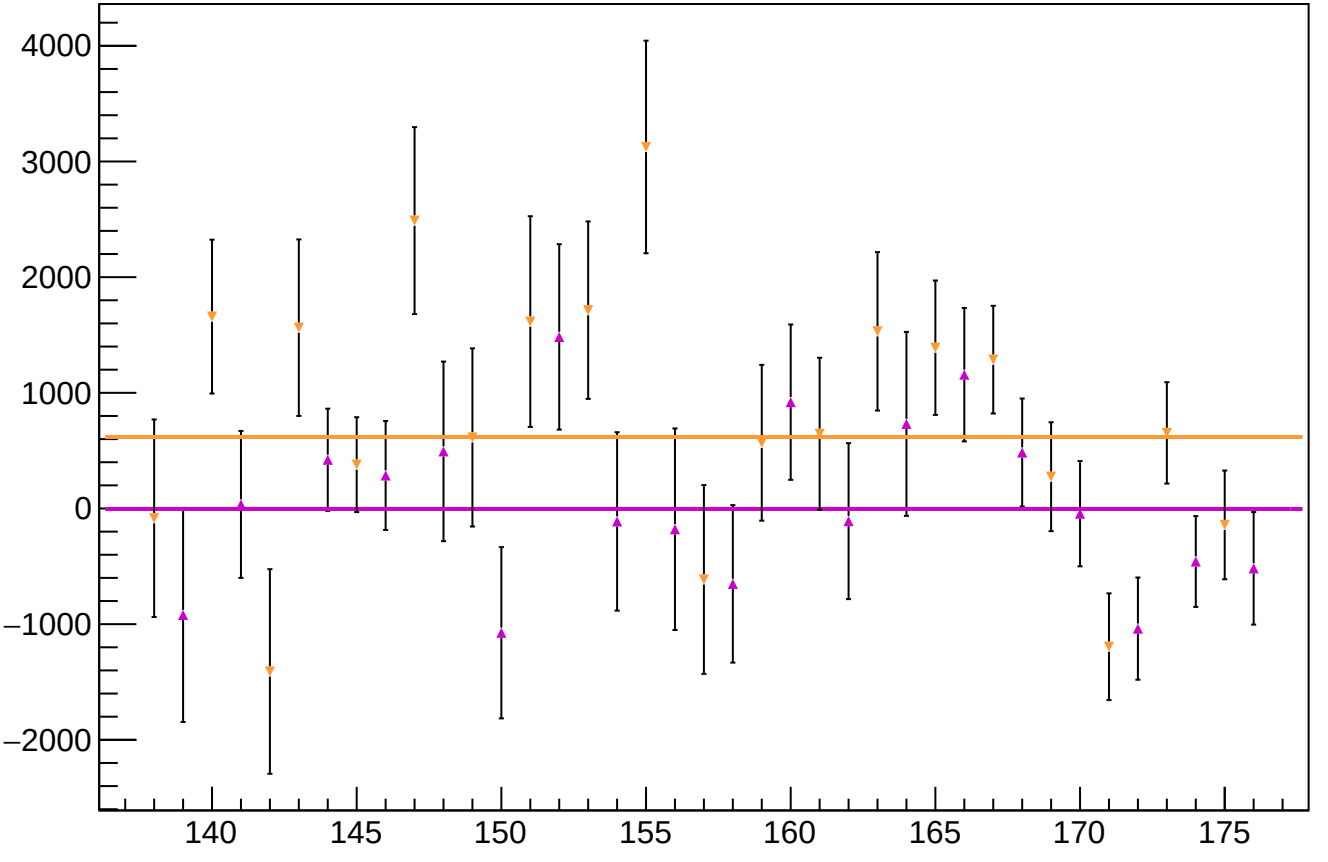
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 485.486+/-0.092 χ^2/NDF:2093836.8/18

Out: 500.712+/-0.095 χ^2/NDF:2174652.4/19

All: 492.880+/-0.066 χ^2/NDF: 4281680.1/38

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 618.085+/-135.387 χ^2/NDF:52.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -4.182+/-131.603 χ^2/NDF:25.1/18

Left: 298.133+/-94.367 χ^2/NDF: 88.7/38

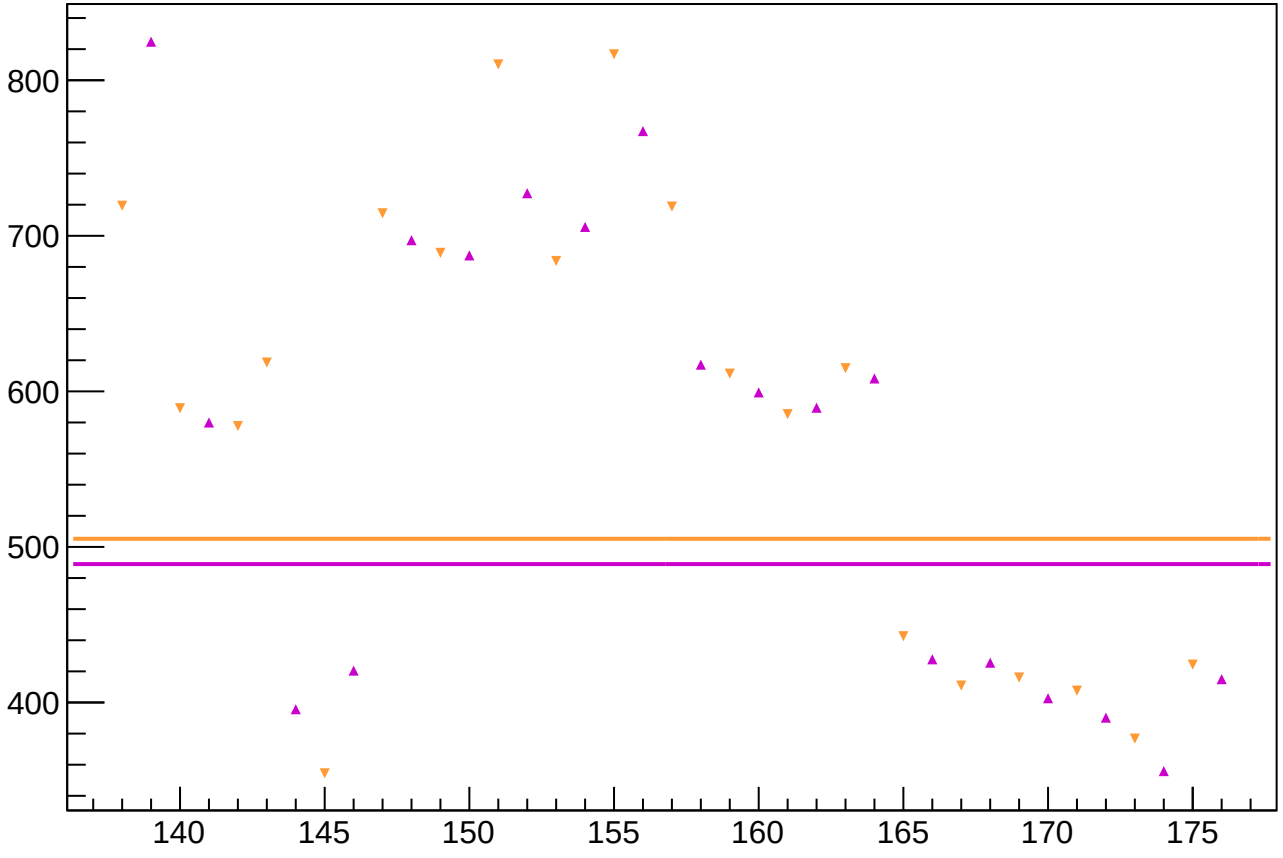
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.182+/-131.603 χ^2/NDF:25.1/18

Out: 618.085+/-135.387 χ^2/NDF:52.8/19

All: 298.133+/-94.367 χ^2/NDF: 88.7/38

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 505.240+/-0.096 χ^2/NDF:2061174.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 488.957+/-0.093 χ^2/NDF:1984231.6/18

Left: 496.867+/-0.067 χ^2/NDF: 4060280.1/38

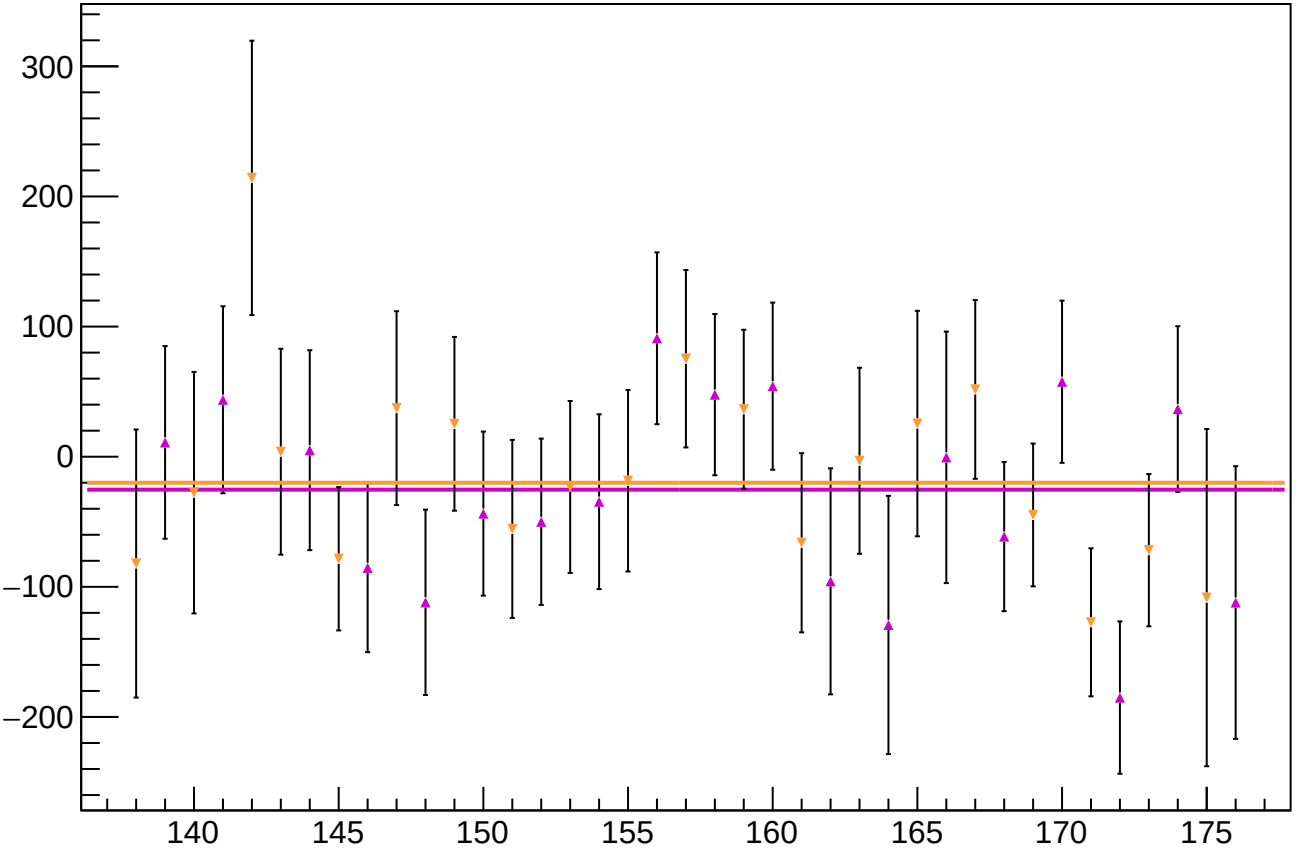
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 488.957+/-0.093 χ^2/NDF:1984231.6/18

Out: 505.240+/-0.096 χ^2/NDF:2061174.1/19

All: 496.867+/-0.067 χ^2/NDF: 4060280.1/38

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -19.989+/-15.673 χ^2/NDF:17.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -25.322+/-15.884 χ^2/NDF:23.0/18

Left: -22.620+/-11.156 χ^2/NDF: 40.6/38

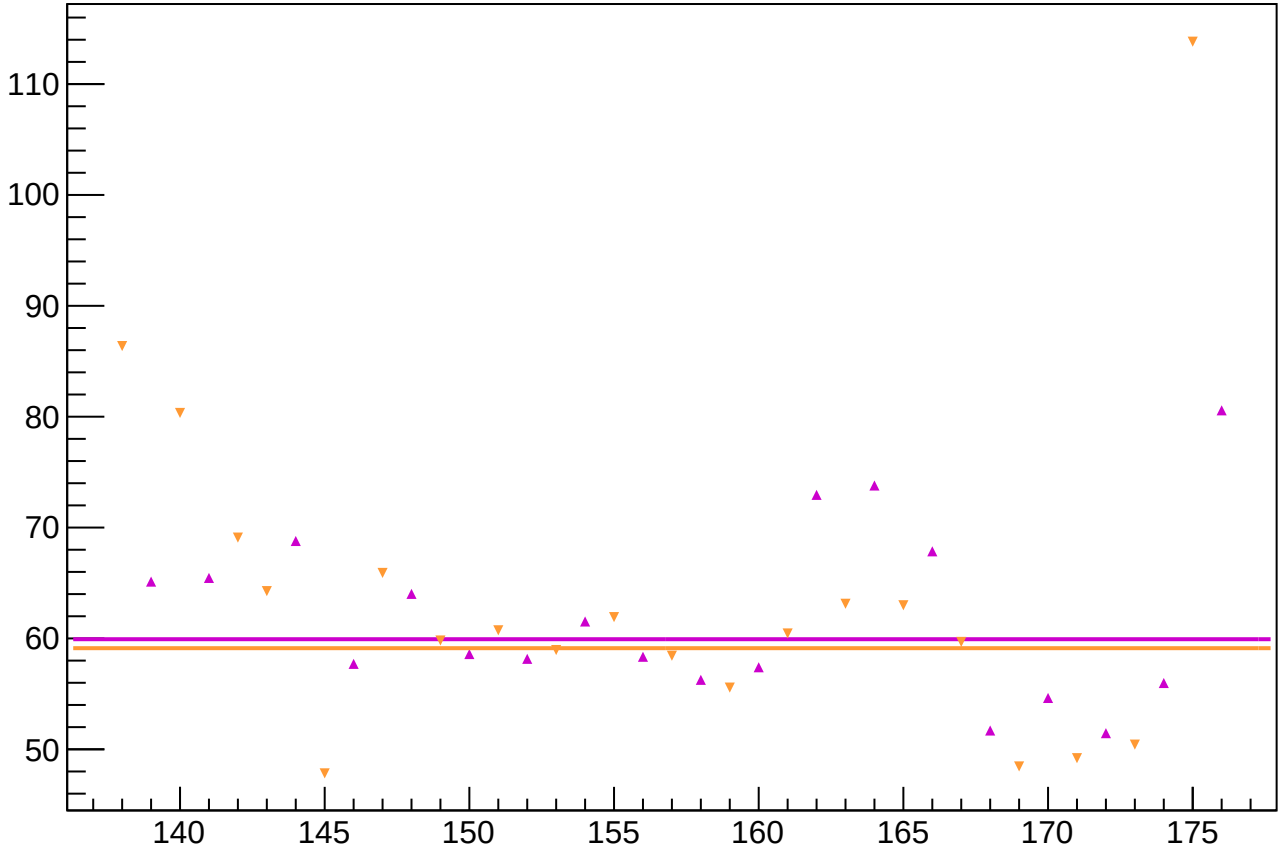
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.322+/-15.884 χ^2/NDF:23.0/18

Out: -19.989+/-15.673 χ^2/NDF:17.5/19

All: -22.620+/-11.156 χ^2/NDF: 40.6/38

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 59.121+/-0.011 χ^2/NDF:931538.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 59.930+/-0.011 χ^2/NDF:352362.5/18

Left: 59.520+/-0.008 χ^2/NDF: 1286533.6/38

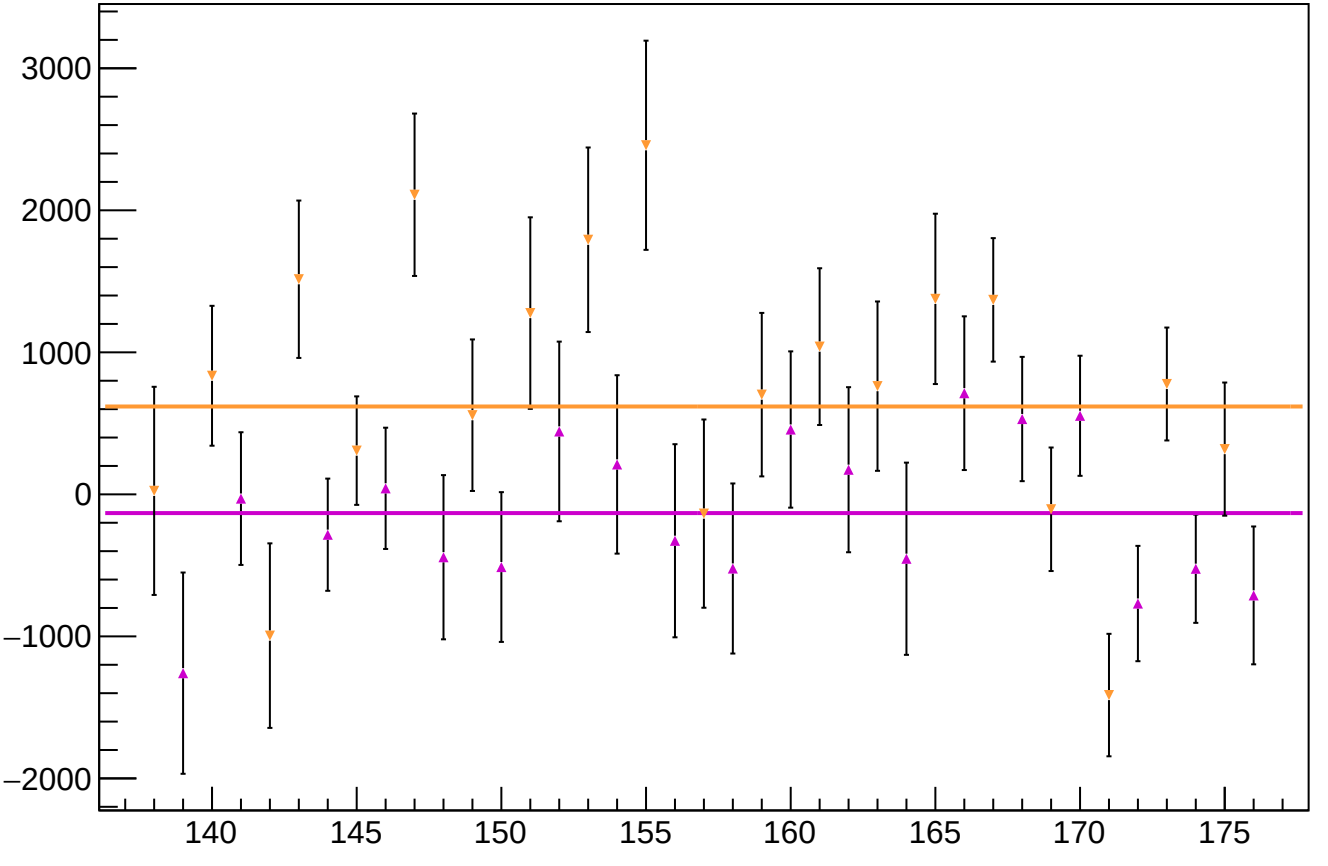
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 59.930+/-0.011 χ^2/NDF:352362.5/18

Out: 59.121+/-0.011 χ^2/NDF:931538.5/19

All: 59.520+/-0.008 χ^2/NDF: 1286533.6/38

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: 618.600+/-117.475 χ^2/NDF:59.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -131.877+/-115.529 χ^2/NDF:19.3/18

Left: 237.093+/-82.371 χ^2/NDF: 99.7/38

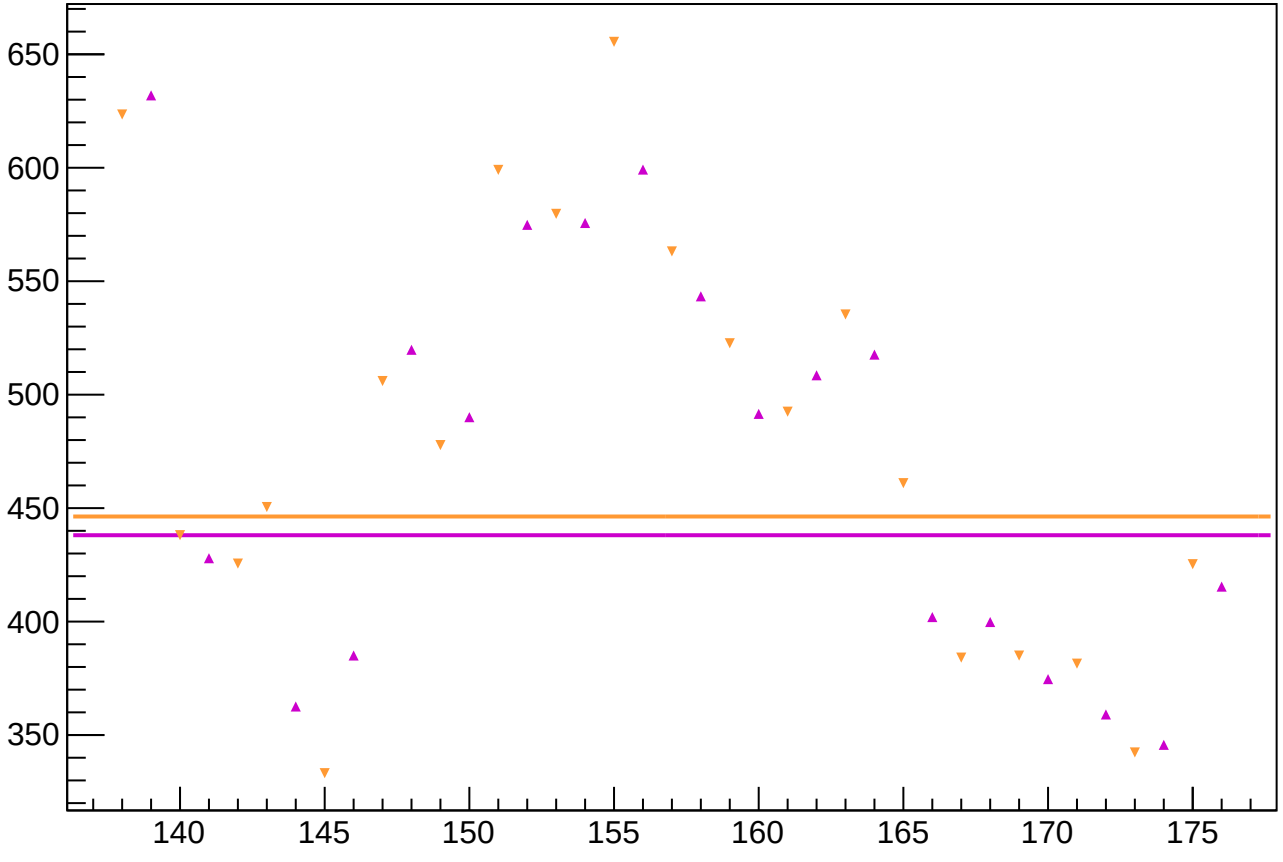
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -131.877+/-115.529 χ^2/NDF:19.3/18

Out: 618.600+/-117.475 χ^2/NDF:59.6/19

All: 237.093+/-82.371 χ^2/NDF: 99.7/38

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: 446.308+/-0.083 χ^2/NDF:1095995.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 438.061+/-0.082 χ^2/NDF:1020351.6/18

Left: 442.115+/-0.058 χ^2/NDF: 2121358.0/38

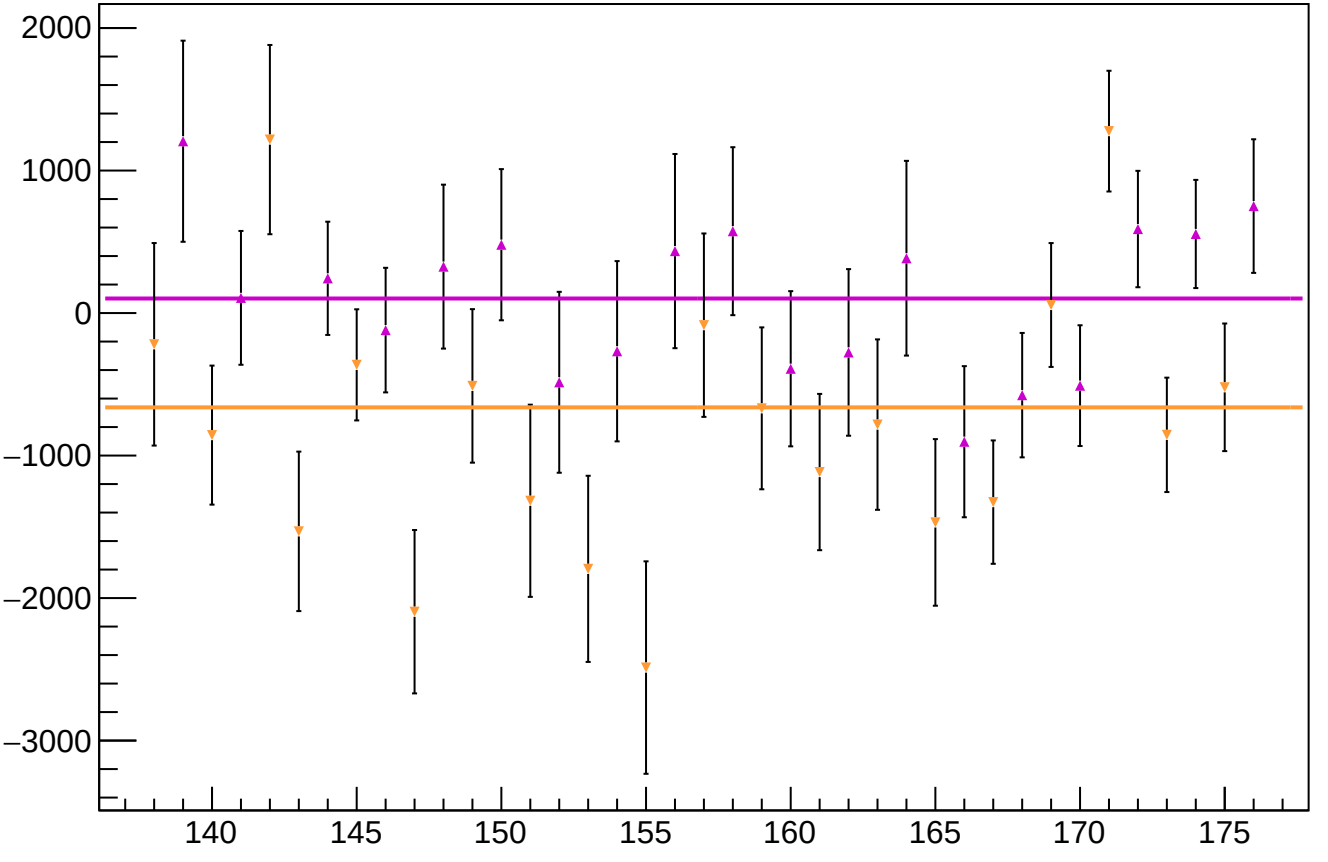
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 438.061+/-0.082 χ^2/NDF:1020351.6/18

Out: 446.308+/-0.083 χ^2/NDF:1095995.6/19

All: 442.115+/-0.058 χ^2/NDF: 2121358.0/38

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -661.820+/-117.027 χ^2/NDF:57.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 102.093+/-115.467 χ^2/NDF:19.8/18

Left: -274.738+/-82.193 χ^2/NDF: 99.1/38

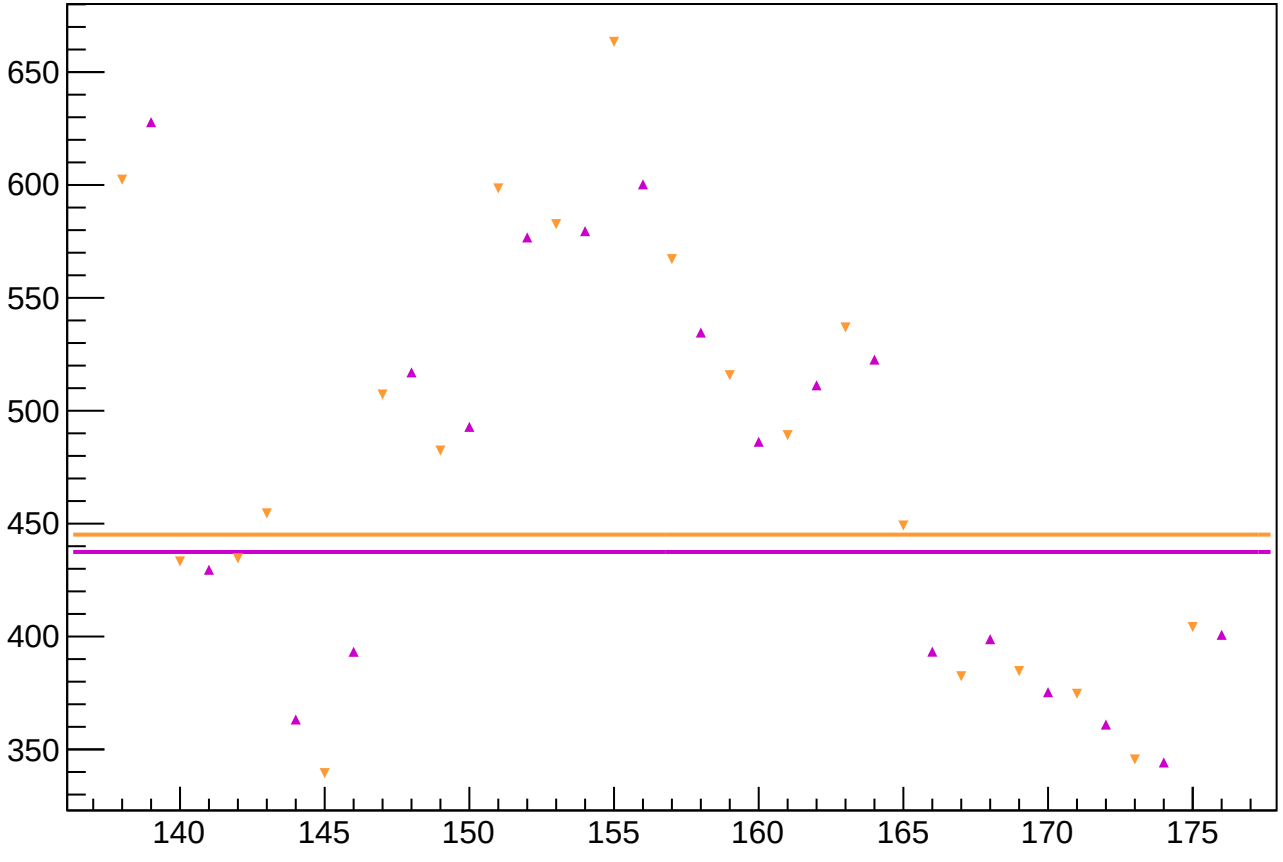
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 102.093+/-115.467 χ^2/NDF:19.8/18

Out: -661.820+/-117.027 χ^2/NDF:57.6/19

All: -274.738+/-82.193 χ^2/NDF: 99.1/38

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 445.136+/-0.083 χ^2/NDF:1082417.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 437.451+/-0.082 χ^2/NDF:1016928.1/18

Left: 441.242+/-0.058 χ^2/NDF: 2103715.9/38

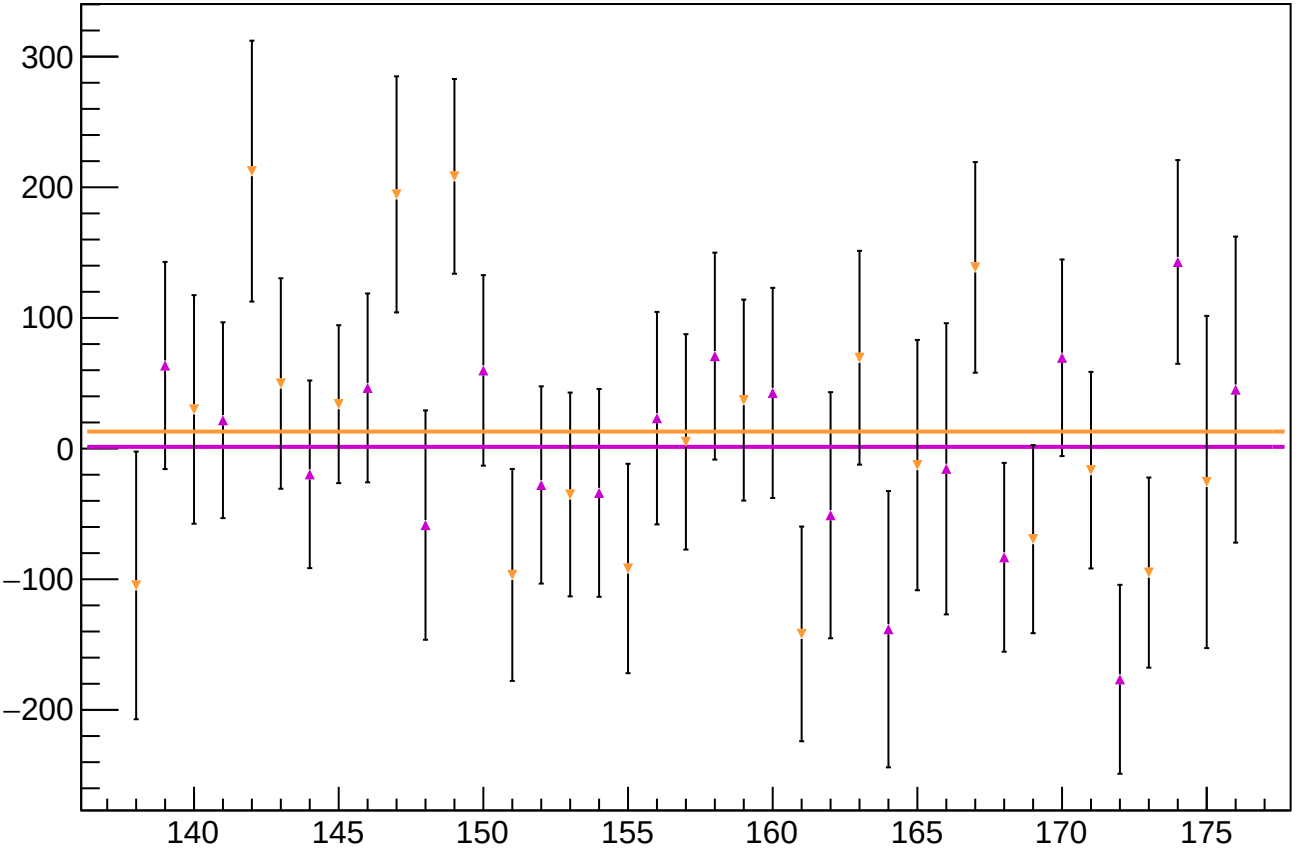
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 437.451+/-0.082 χ^2/NDF:1016928.1/18

Out: 445.136+/-0.083 χ^2/NDF:1082417.6/19

All: 441.242+/-0.058 χ^2/NDF: 2103715.9/38

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 13.026+/-18.180 χ^2/NDF:30.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1.332+/-18.510 χ^2/NDF:17.5/18

Left: 7.284+/-12.970 χ^2/NDF: 48.6/38

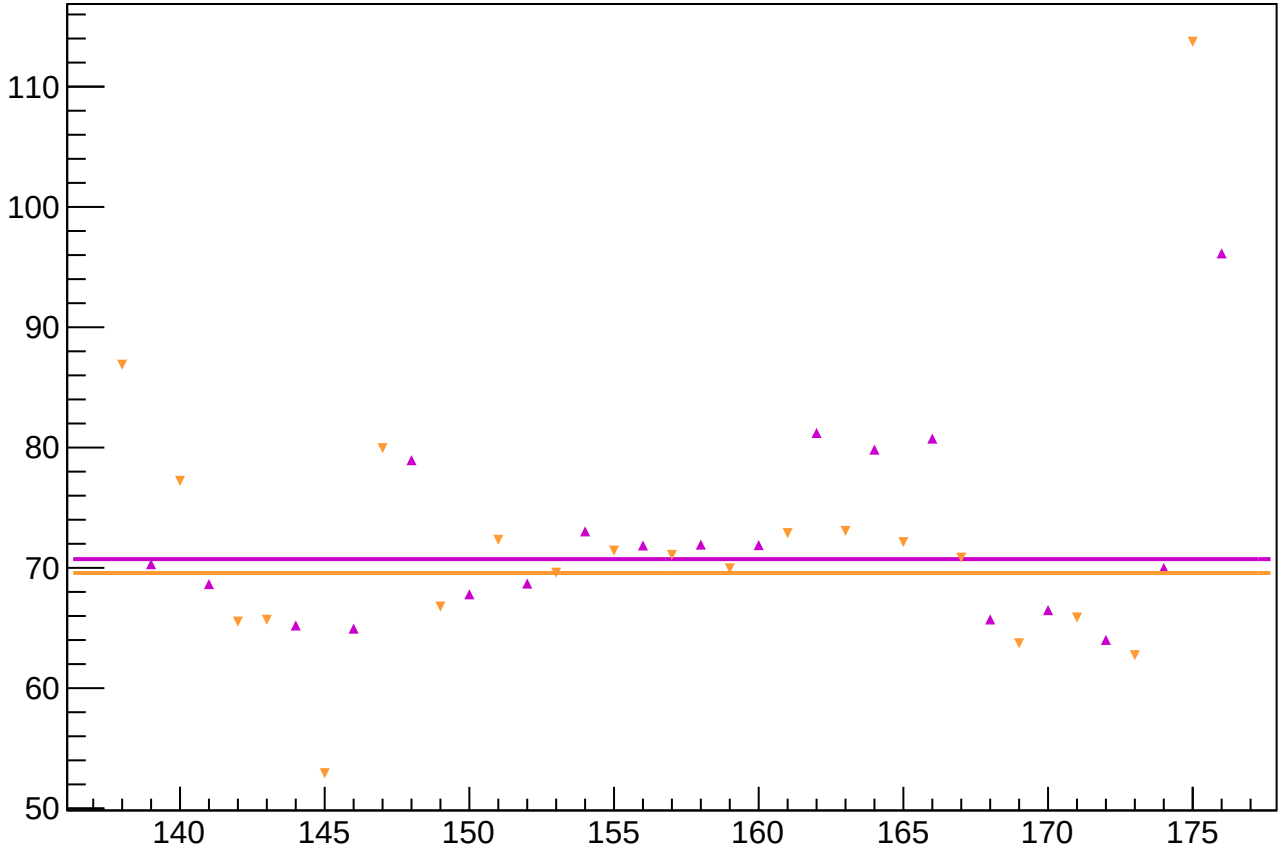
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.332+/-18.510 χ^2/NDF:17.5/18

Out: 13.026+/-18.180 χ^2/NDF:30.9/19

All: 7.284+/-12.970 χ^2/NDF: 48.6/38

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 69.574+/-0.013 χ^2/NDF:551252.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 70.727+/-0.013 χ^2/NDF:234678.8/18

Left: 70.140+/-0.009 χ^2/NDF: 789885.4/38

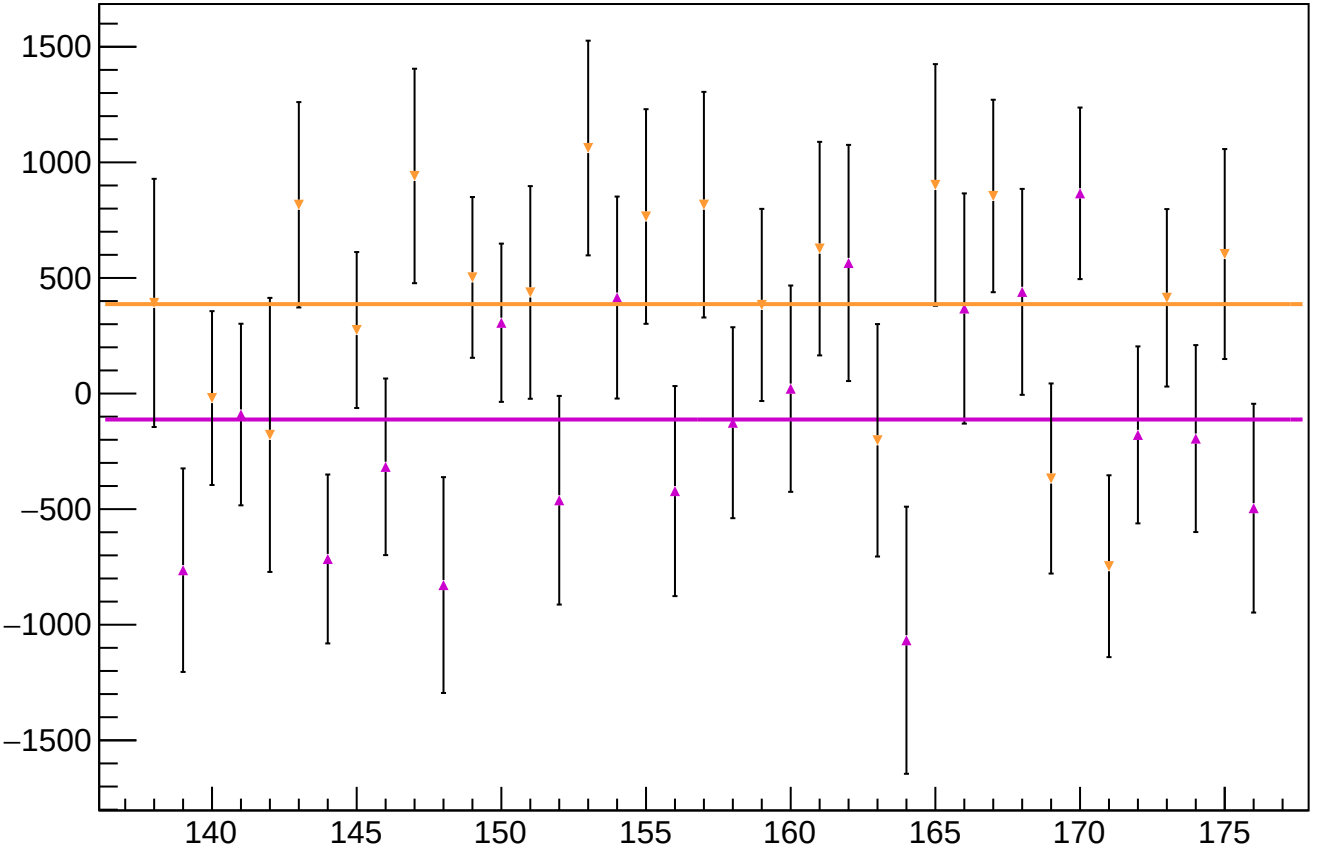
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 70.727+/-0.013 χ^2/NDF:234678.8/18

Out: 69.574+/-0.013 χ^2/NDF:551252.7/19

All: 70.140+/-0.009 χ^2/NDF: 789885.4/38

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 386.824+/-97.018 χ^2/NDF:24.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -112.308+/-97.128 χ^2/NDF:26.4/18

Left: 137.542+/-68.641 χ^2/NDF: 63.6/38

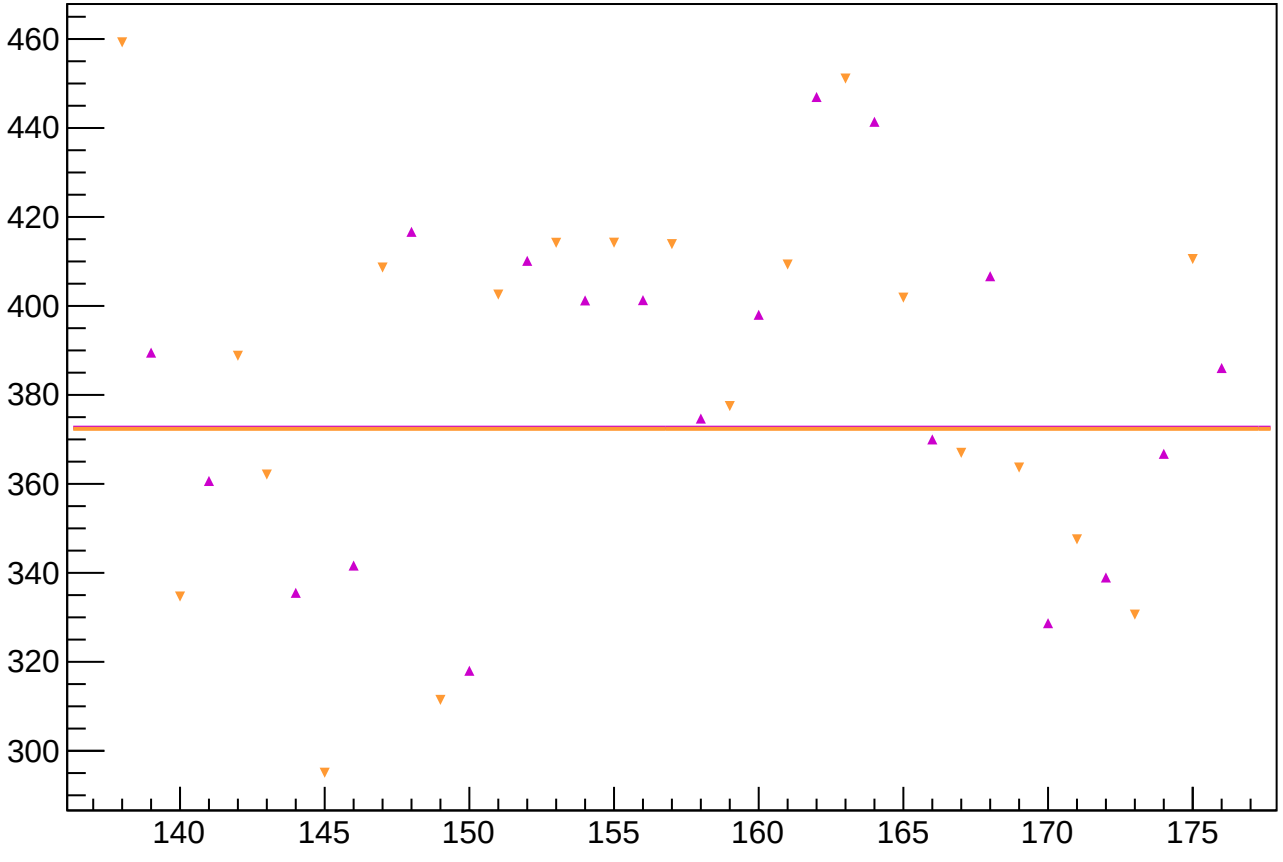
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -112.308+/-97.128 χ^2/NDF:26.4/18

Out: 386.824+/-97.018 χ^2/NDF:24.0/19

All: 137.542+/-68.641 χ^2/NDF: 63.6/38

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: 372.382+/-0.069 χ^2/NDF:424778.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 372.634+/-0.069 χ^2/NDF:272375.1/18

Left: 372.508+/-0.049 χ^2/NDF: 697160.6/38

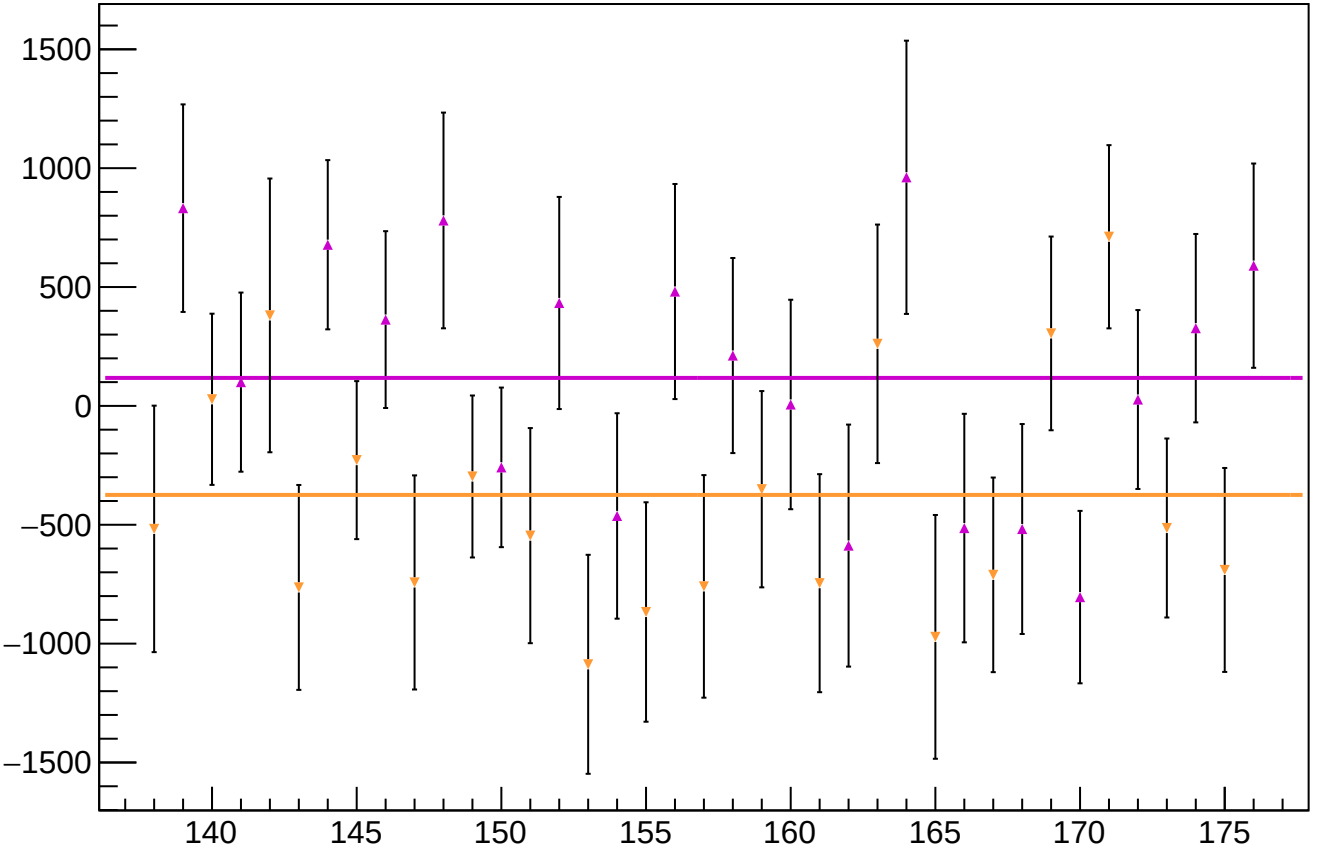
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 372.634+/-0.069 χ^2/NDF:272375.1/18

Out: 372.382+/-0.069 χ^2/NDF:424778.7/19

All: 372.508+/-0.049 χ^2/NDF: 697160.6/38

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -374.437+/-94.955 χ^2/NDF:24.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 117.759+/-95.217 χ^2/NDF:27.9/18

Left: -129.017+/-67.236 χ^2/NDF: 66.1/38

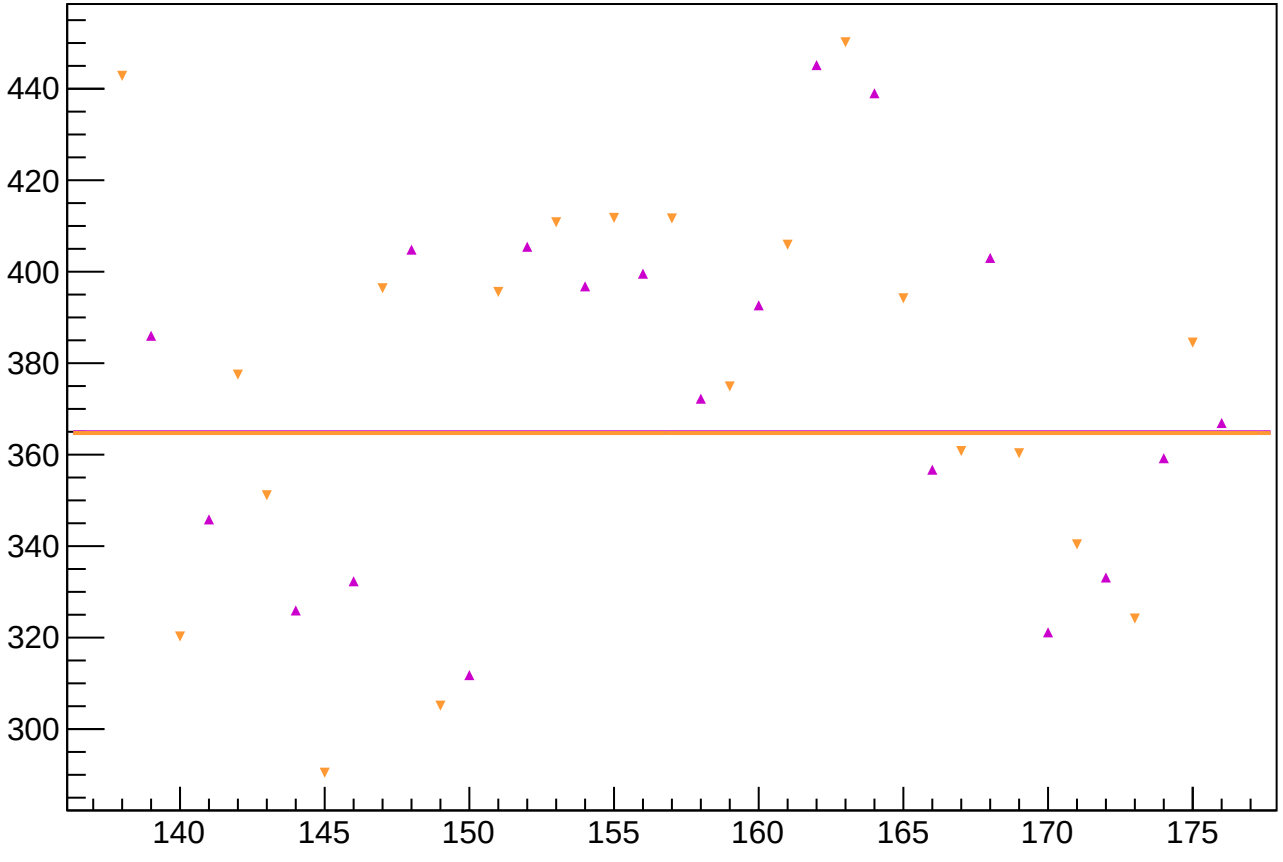
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 117.759+/-95.217 χ^2/NDF:27.9/18

Out: -374.437+/-94.955 χ^2/NDF:24.8/19

All: -129.017+/-67.236 χ^2/NDF: 66.1/38

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 364.724+/-0.067 χ^2/NDF:437846.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 364.893+/-0.067 χ^2/NDF:304667.4/18

Left: 364.808+/-0.048 χ^2/NDF: 742516.7/38

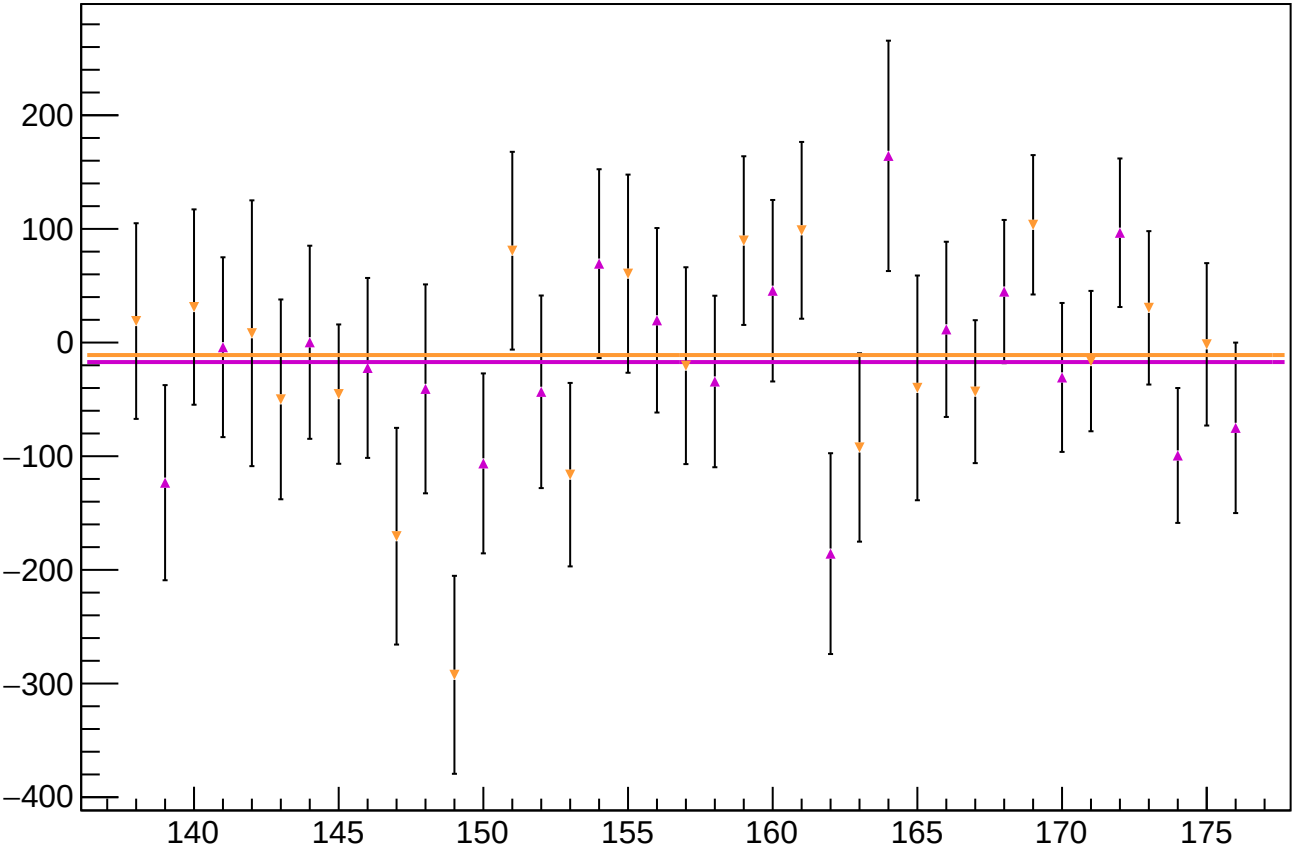
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 364.893+/-0.067 χ^2/NDF:304667.4/18

Out: 364.724+/-0.067 χ^2/NDF:437846.2/19

All: 364.808+/-0.048 χ^2/NDF: 742516.7/38

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -10.991+/-17.347 χ^2/NDF:26.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -17.166+/-17.637 χ^2/NDF:18.5/18

Left: -14.027+/-12.368 χ^2/NDF: 45.3/38

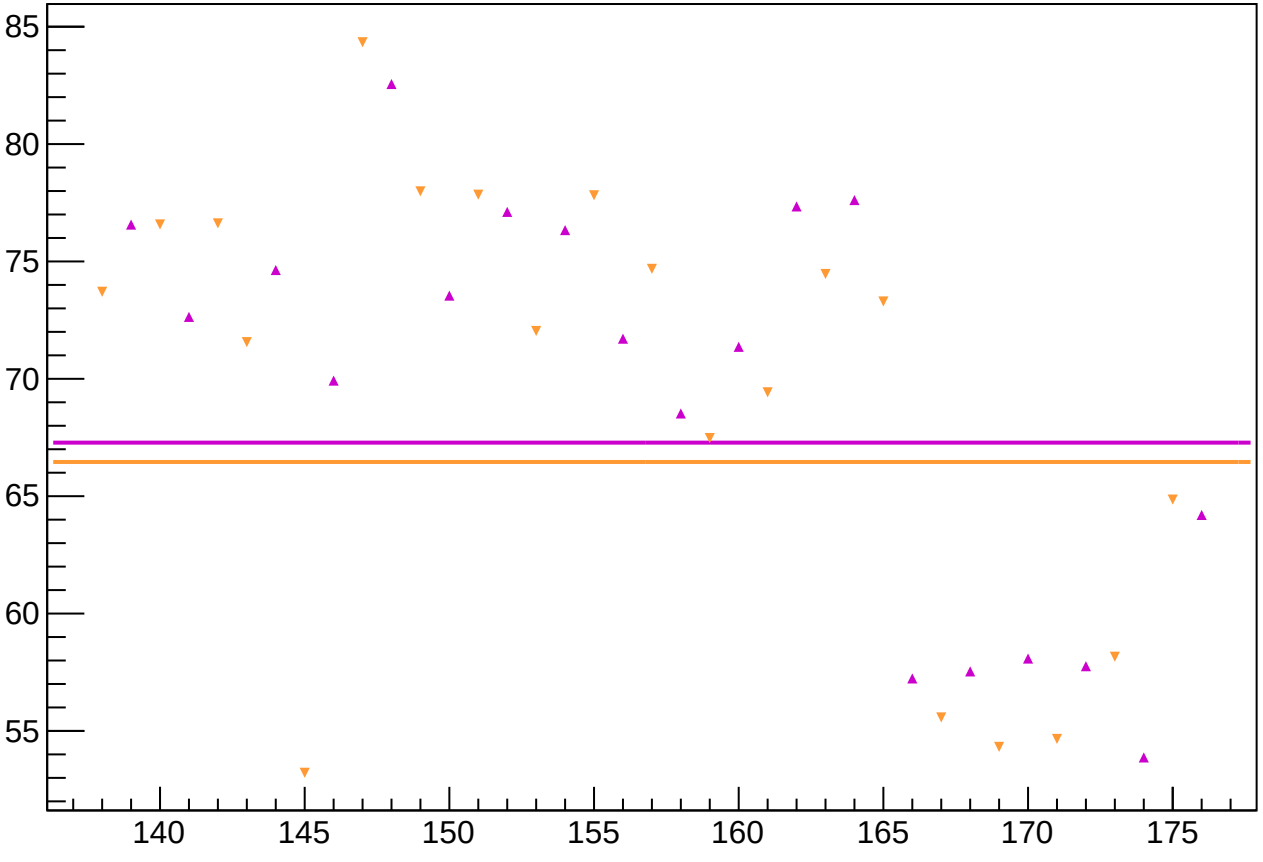
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.166+/-17.637 χ^2/NDF:18.5/18

Out: -10.991+/-17.347 χ^2/NDF:26.7/19

All: -14.027+/-12.368 χ^2/NDF: 45.3/38

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 66.458+/-0.012 χ^2/NDF:632368.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 67.281+/-0.012 χ^2/NDF:495949.7/18

Left: 66.863+/-0.009 χ^2/NDF: 1130533.4/38

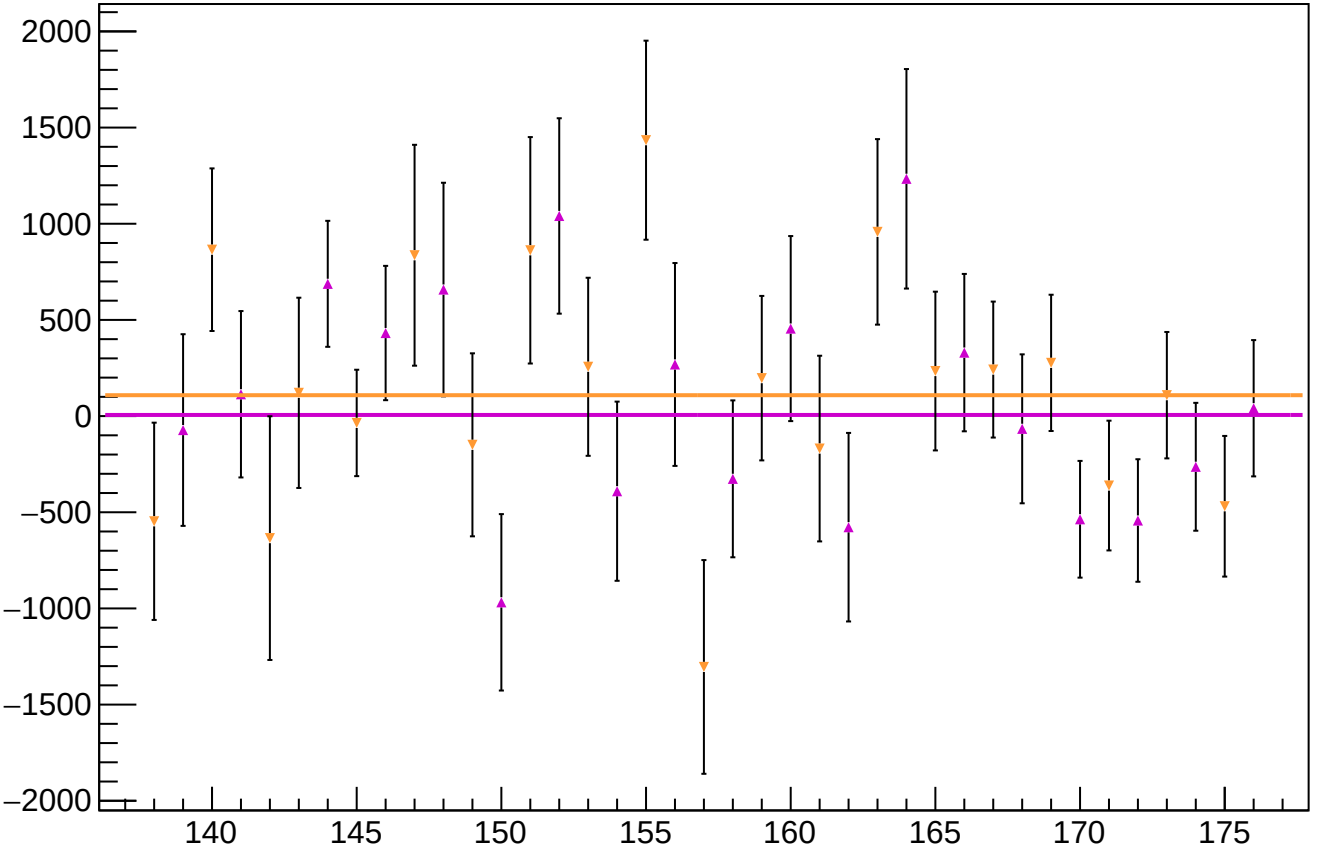
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 67.281+/-0.012 χ^2/NDF:495949.7/18

Out: 66.458+/-0.012 χ^2/NDF:632368.8/19

All: 66.863+/-0.009 χ^2/NDF: 1130533.4/38

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: 108.595+/-94.295 χ^2/NDF:31.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 5.870+/-93.284 χ^2/NDF:32.0/18

Left: 56.679+/-66.316 χ^2/NDF: 64.1/38

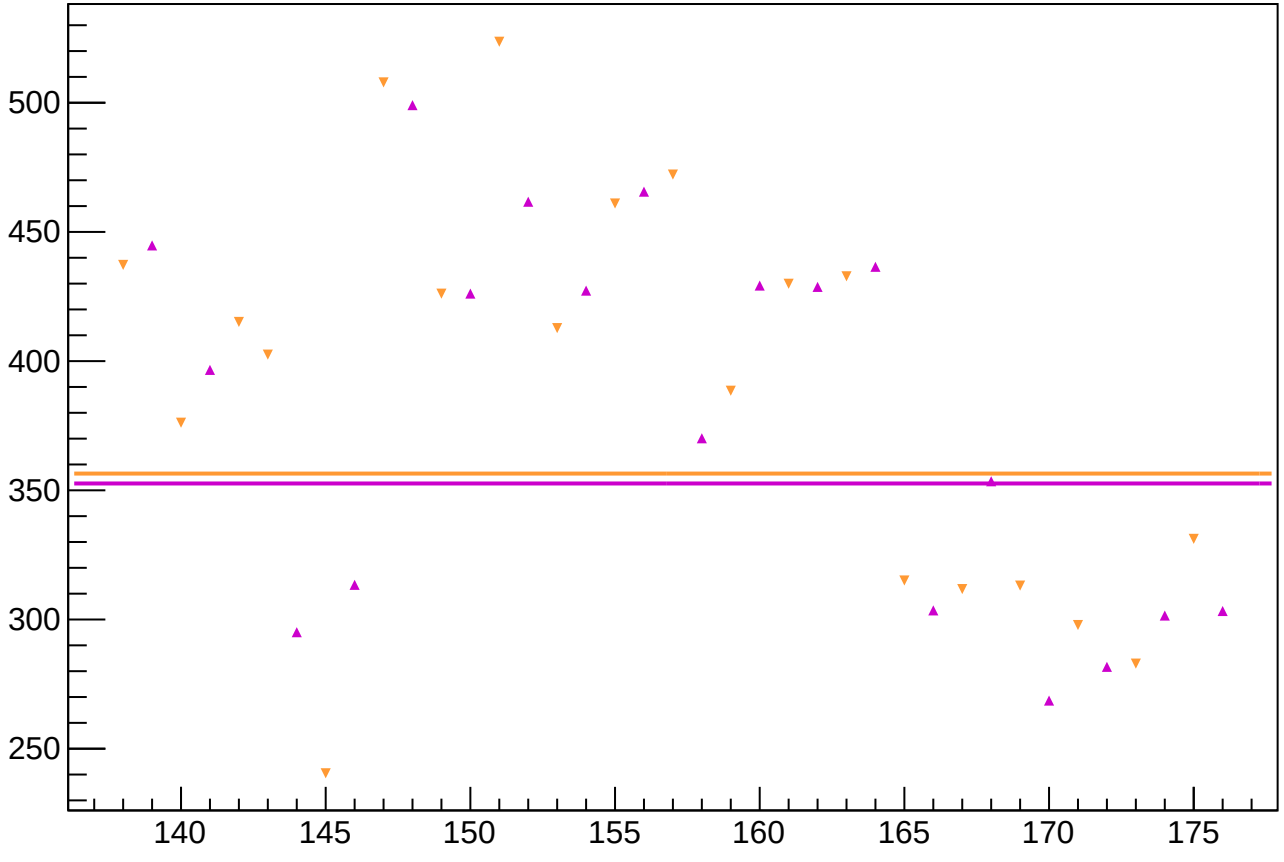
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.870+/-93.284 χ^2/NDF:32.0/18

Out: 108.595+/-94.295 χ^2/NDF:31.5/19

All: 56.679+/-66.316 χ^2/NDF: 64.1/38

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: 356.482+/-0.067 χ^2/NDF:1341192.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 352.647+/-0.066 χ^2/NDF:1115034.5/18

Left: 354.544+/-0.047 χ^2/NDF: 2457898.3/38

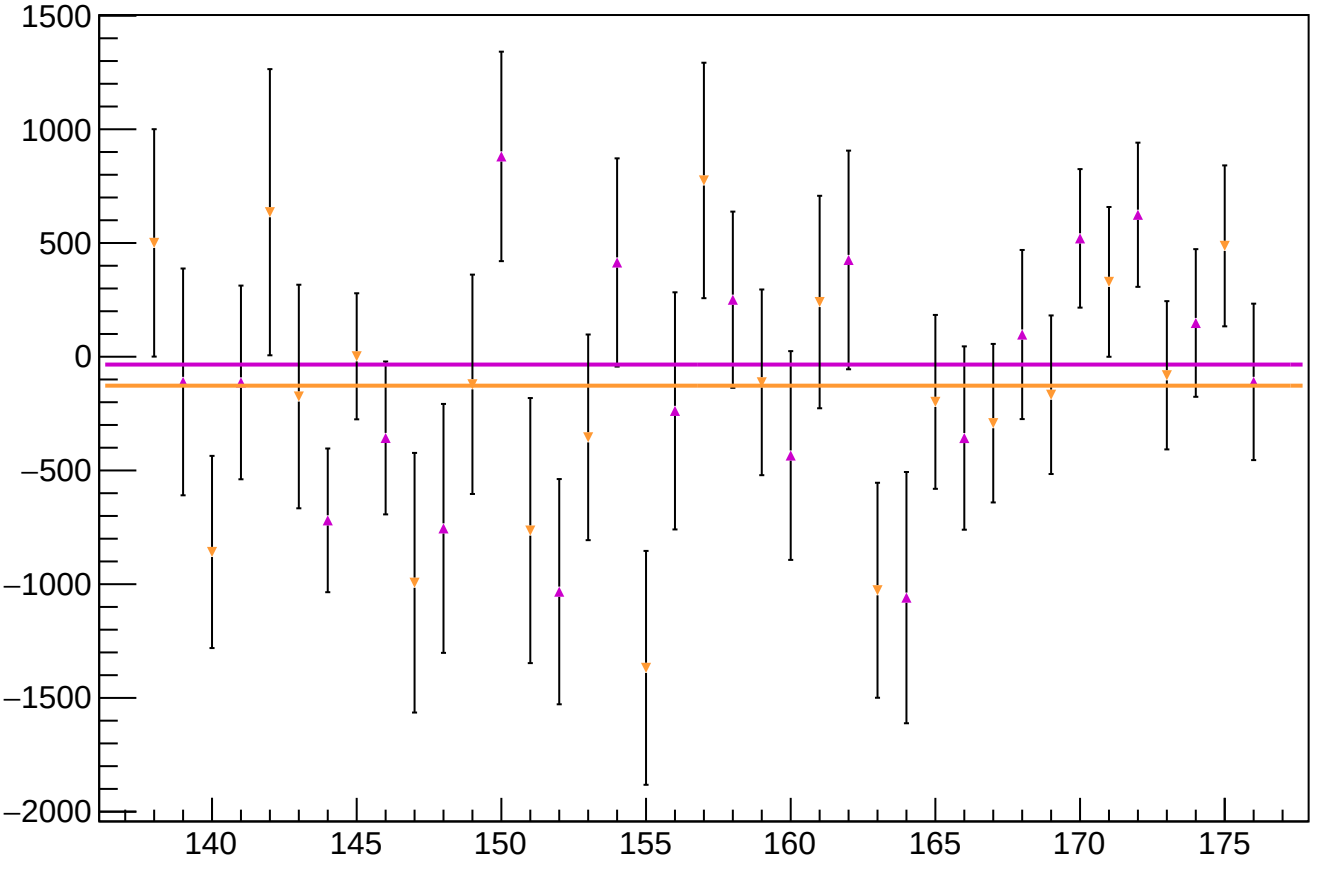
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 352.647+/-0.066 χ^2/NDF:1115034.5/18

Out: 356.482+/-0.067 χ^2/NDF:1341192.2/19

All: 354.544+/-0.047 χ^2/NDF: 2457898.3/38

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -127.214+/-92.441 χ^2/NDF:28.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -34.442+/-91.247 χ^2/NDF:31.0/18

Left: -80.225+/-64.940 χ^2/NDF: 59.8/38

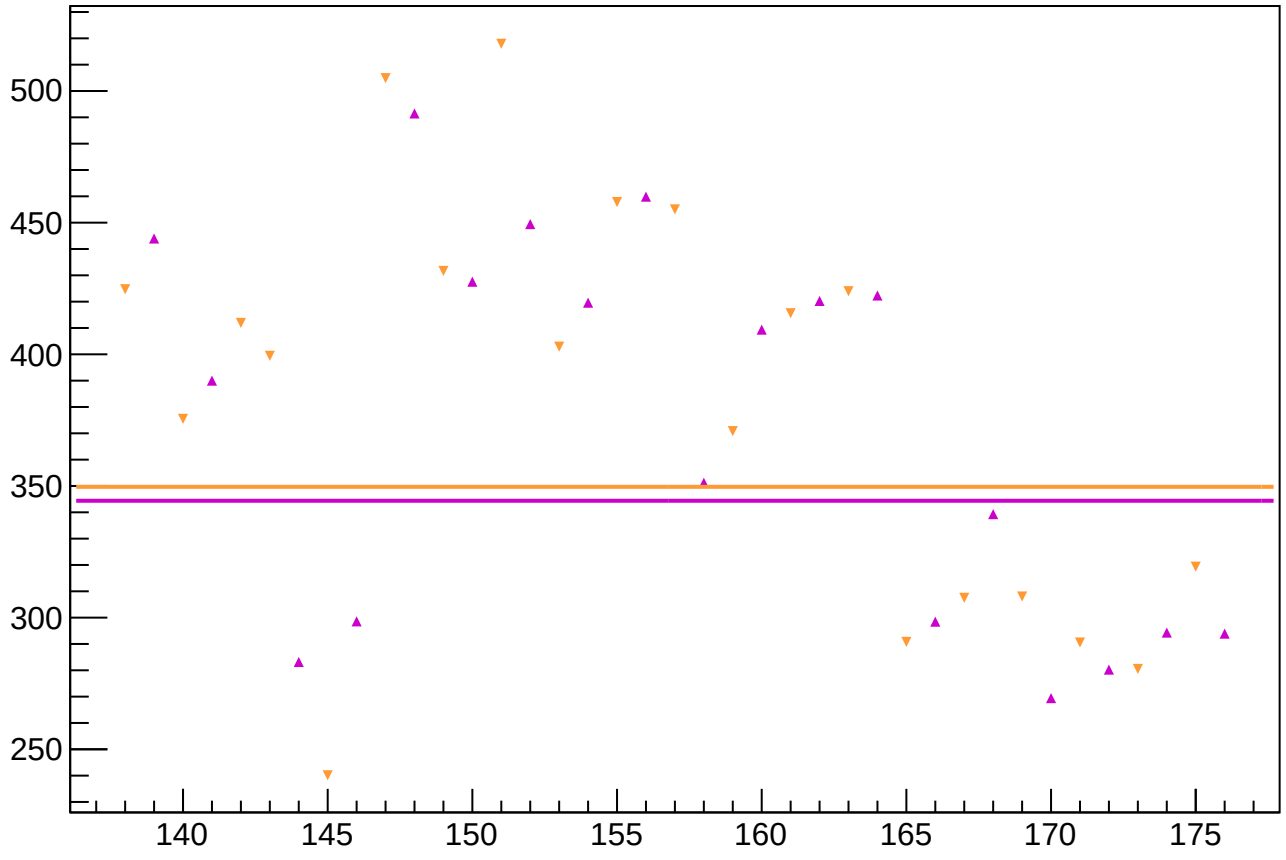
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.442+/-91.247 χ^2/NDF:31.0/18

Out: -127.214+/-92.441 χ^2/NDF:28.4/19

All: -80.225+/-64.940 χ^2/NDF: 59.8/38

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 349.676+/-0.065 χ^2/NDF:1346009.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 344.386+/-0.065 χ^2/NDF:1117499.3/18

Left: 346.997+/-0.046 χ^2/NDF: 2466826.6/38

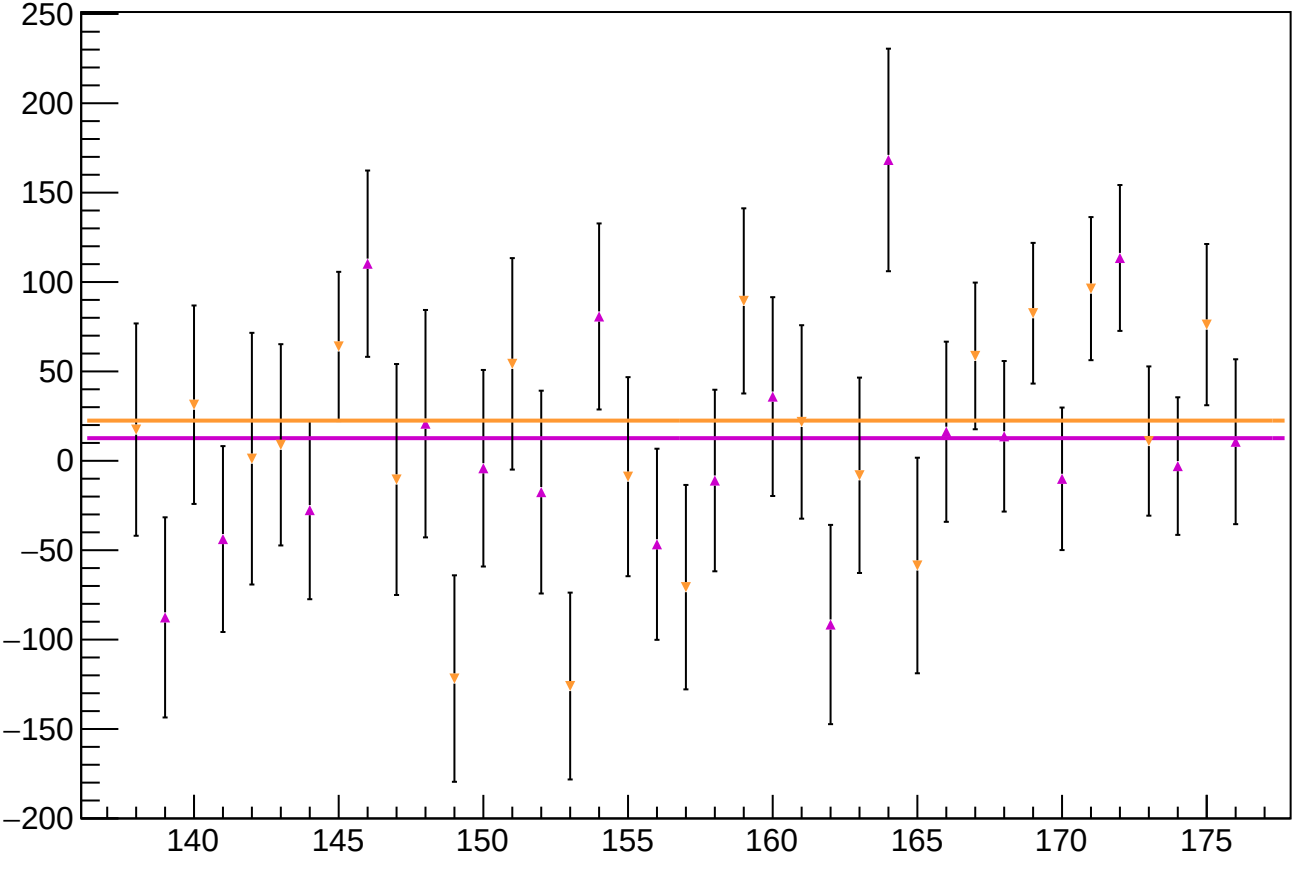
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 344.386+/-0.065 χ^2/NDF:1117499.3/18

Out: 349.676+/-0.065 χ^2/NDF:1346009.5/19

All: 346.997+/-0.046 χ^2/NDF: 2466826.6/38

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 22.493+/-11.341 χ^2/NDF:30.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 12.670+/-11.401 χ^2/NDF:28.6/18

Left: 17.607+/-8.040 χ^2/NDF: 59.8/38

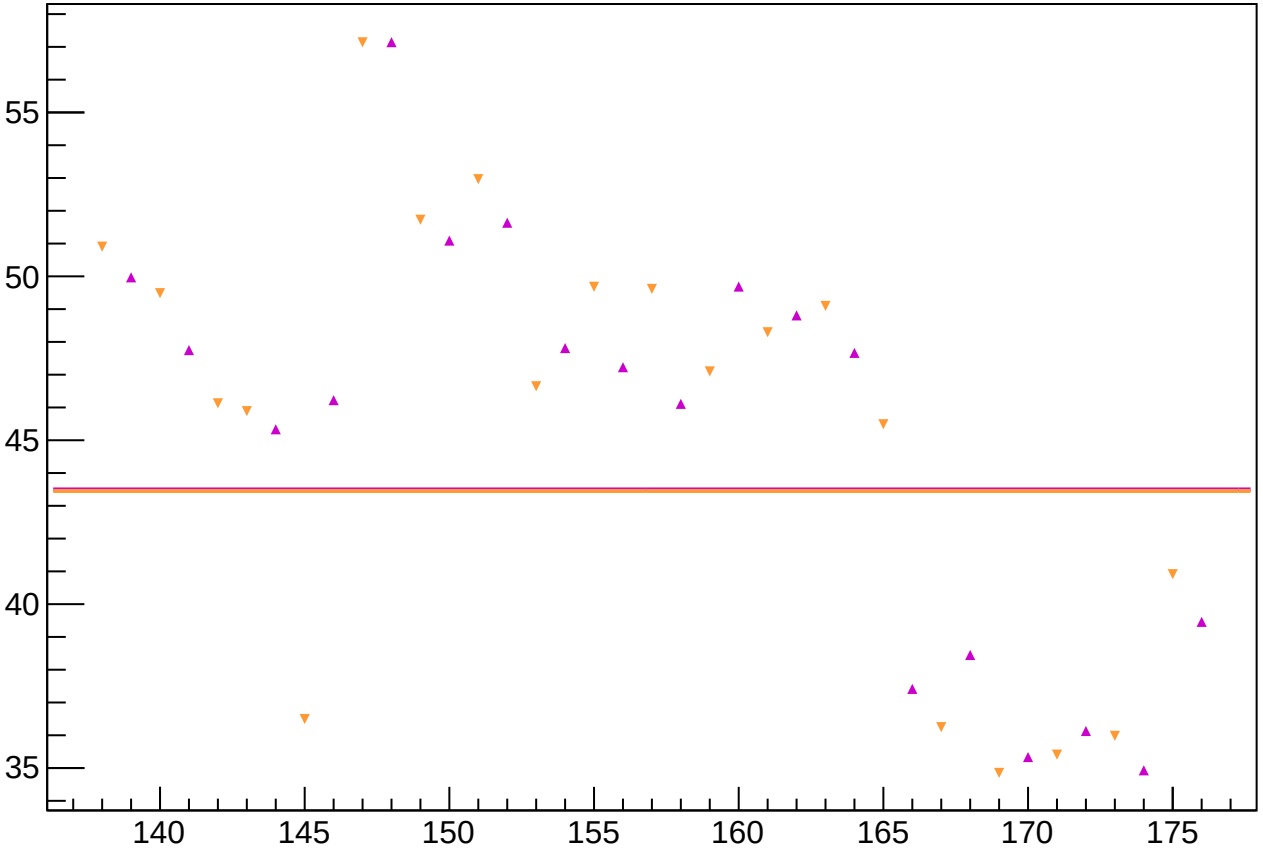
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 12.670+/-11.401 χ^2/NDF:28.6/18

Out: 22.493+/-11.341 χ^2/NDF:30.8/19

All: 17.607+/-8.040 χ^2/NDF: 59.8/38

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 43.453+/-0.008 χ^2/NDF:713671.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 43.499+/-0.008 χ^2/NDF:621866.9/18

Left: 43.476+/-0.006 χ^2/NDF: 1335554.4/38

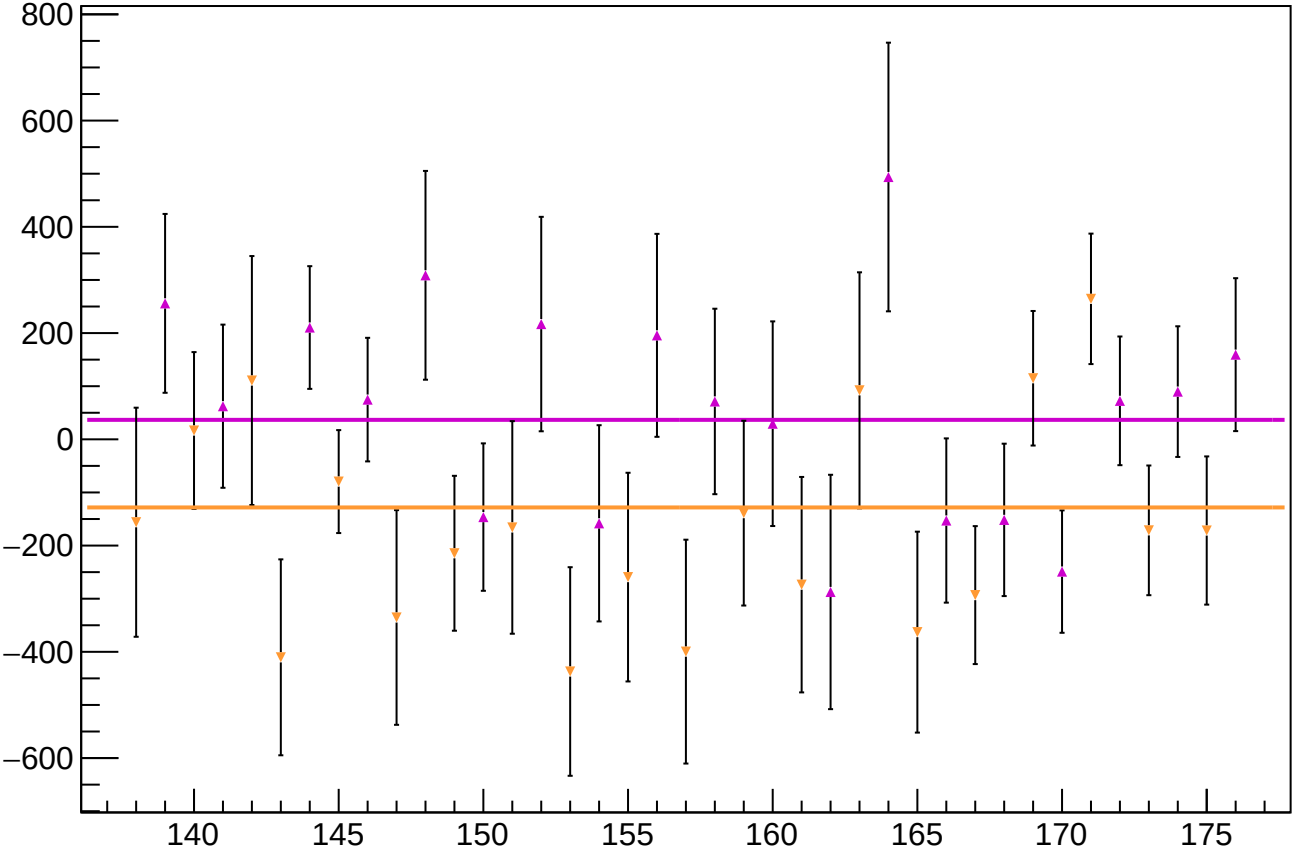
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 43.499+/-0.008 χ^2/NDF:621866.9/18

Out: 43.453+/-0.008 χ^2/NDF:713671.4/19

All: 43.476+/-0.006 χ^2/NDF: 1335554.4/38

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: -128.223+/-35.255 χ^2/NDF:29.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 36.662+/-34.710 χ^2/NDF:26.2/18

Left: -44.497+/-24.734 χ^2/NDF: 66.7/38

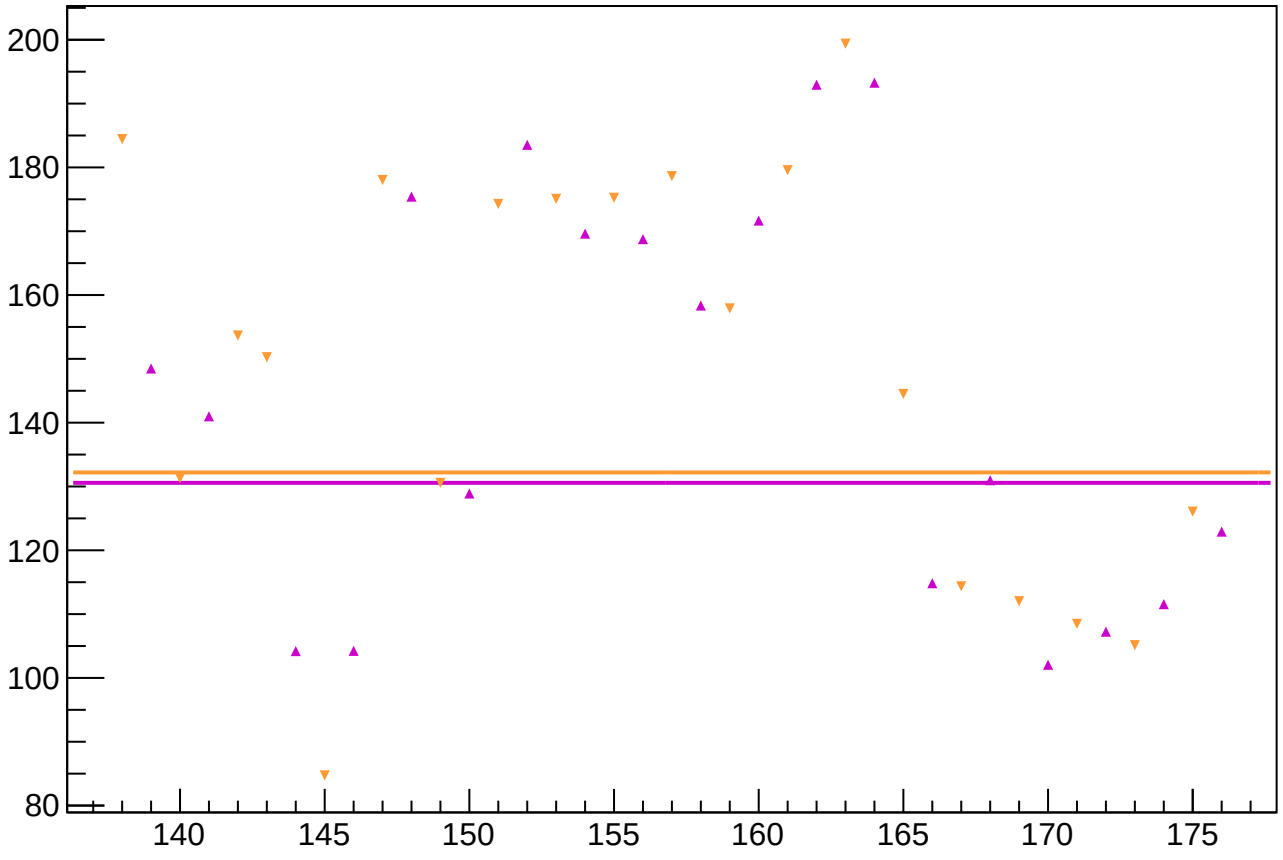
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 36.662+/-34.710 χ^2/NDF:26.2/18

Out: -128.223+/-35.255 χ^2/NDF:29.4/19

All: -44.497+/-24.734 χ^2/NDF: 66.7/38

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 132.205+/-0.025 χ^2/NDF:1723278.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 130.570+/-0.025 χ^2/NDF:1345715.2/18

Left: 131.375+/-0.017 χ^2/NDF: 3071176.2/38

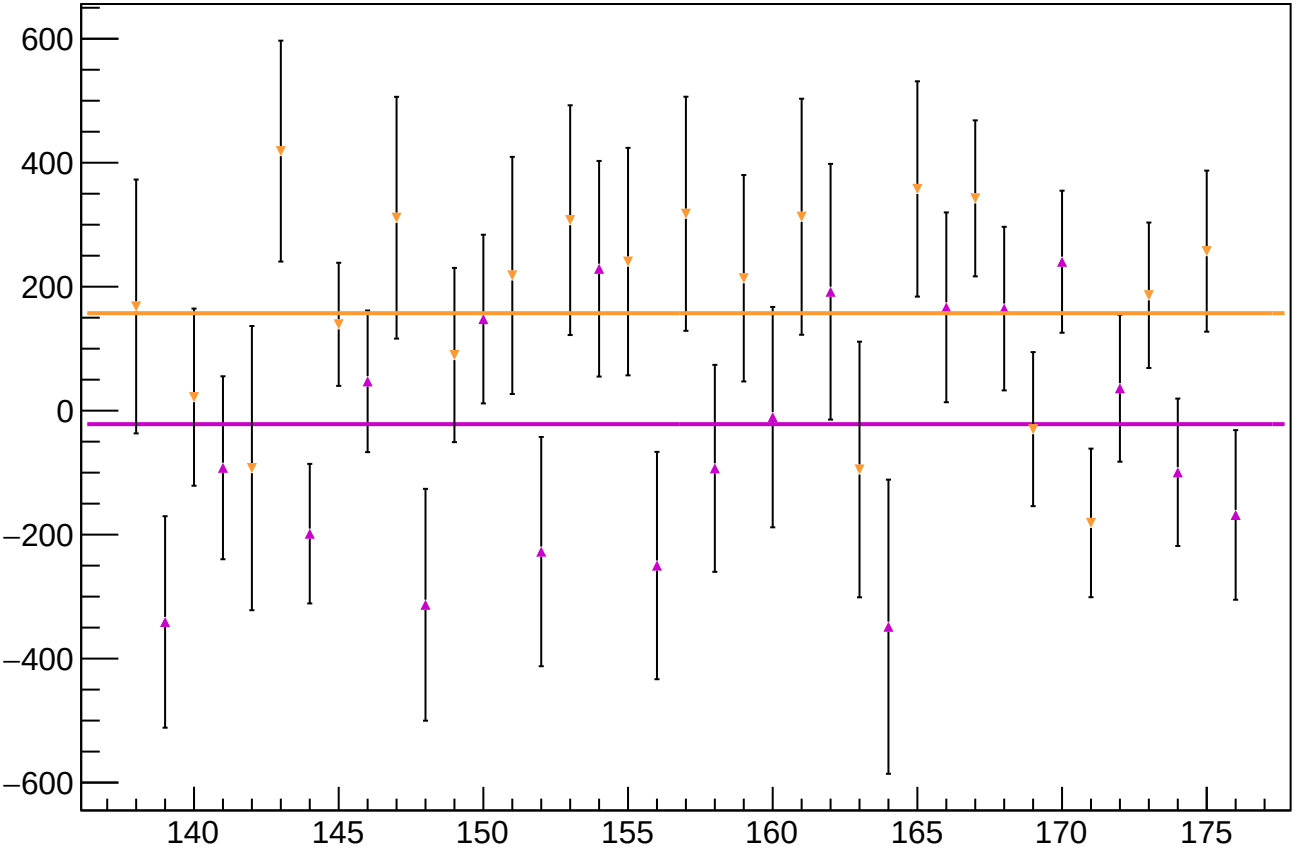
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 130.570+/-0.025 χ^2/NDF:1345715.2/18

Out: 132.205+/-0.025 χ^2/NDF:1723278.1/19

All: 131.375+/-0.017 χ^2/NDF: 3071176.2/38

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 157.274+/-33.989 χ^2/NDF:23.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -21.764+/-33.505 χ^2/NDF:29.1/18

Left: 66.469+/-23.861 χ^2/NDF: 66.7/38

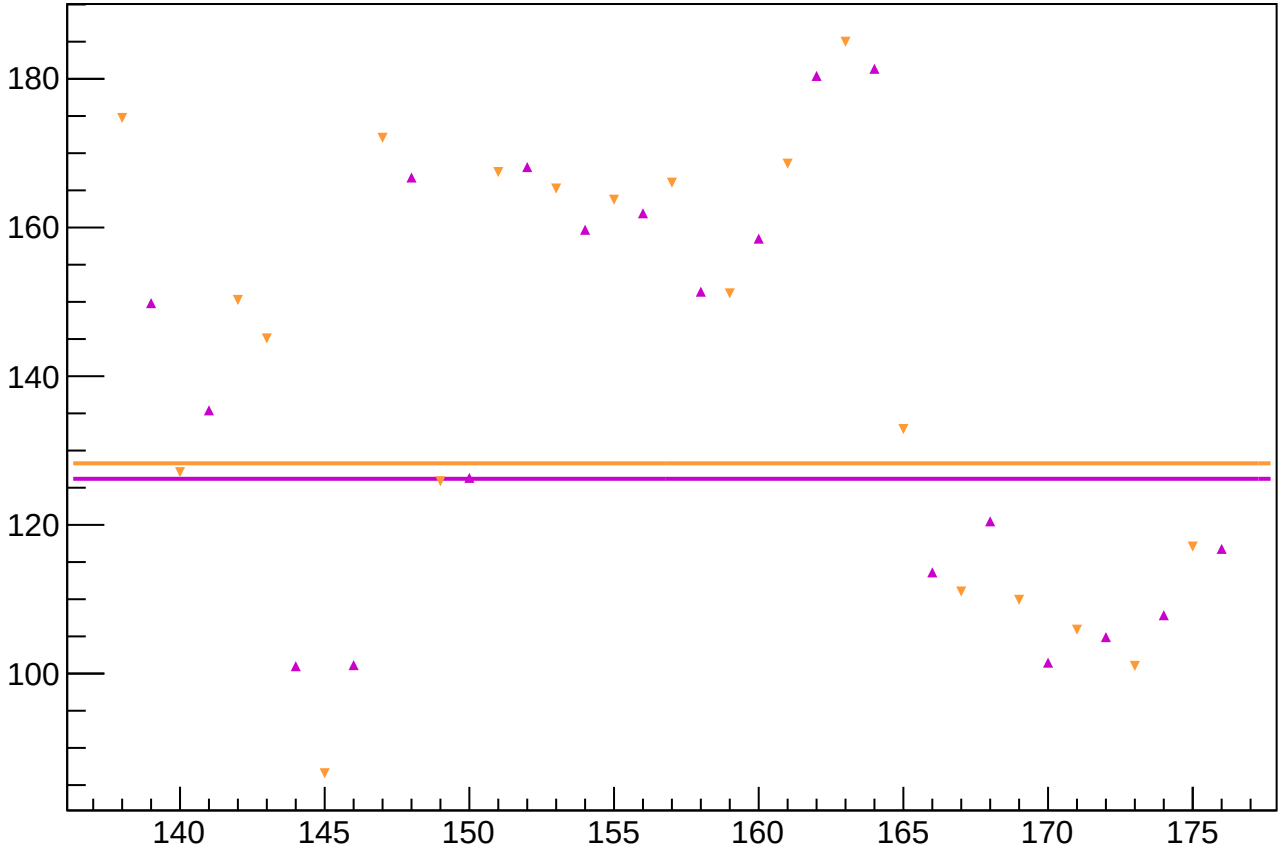
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.764+/-33.505 χ^2/NDF:29.1/18

Out: 157.274+/-33.989 χ^2/NDF:23.5/19

All: 66.469+/-23.861 χ^2/NDF: 66.7/38

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 128.282+/-0.024 χ^2/NDF:1464939.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 126.201+/-0.024 χ^2/NDF:1179323.1/18

Left: 127.226+/-0.017 χ^2/NDF: 2648065.9/38

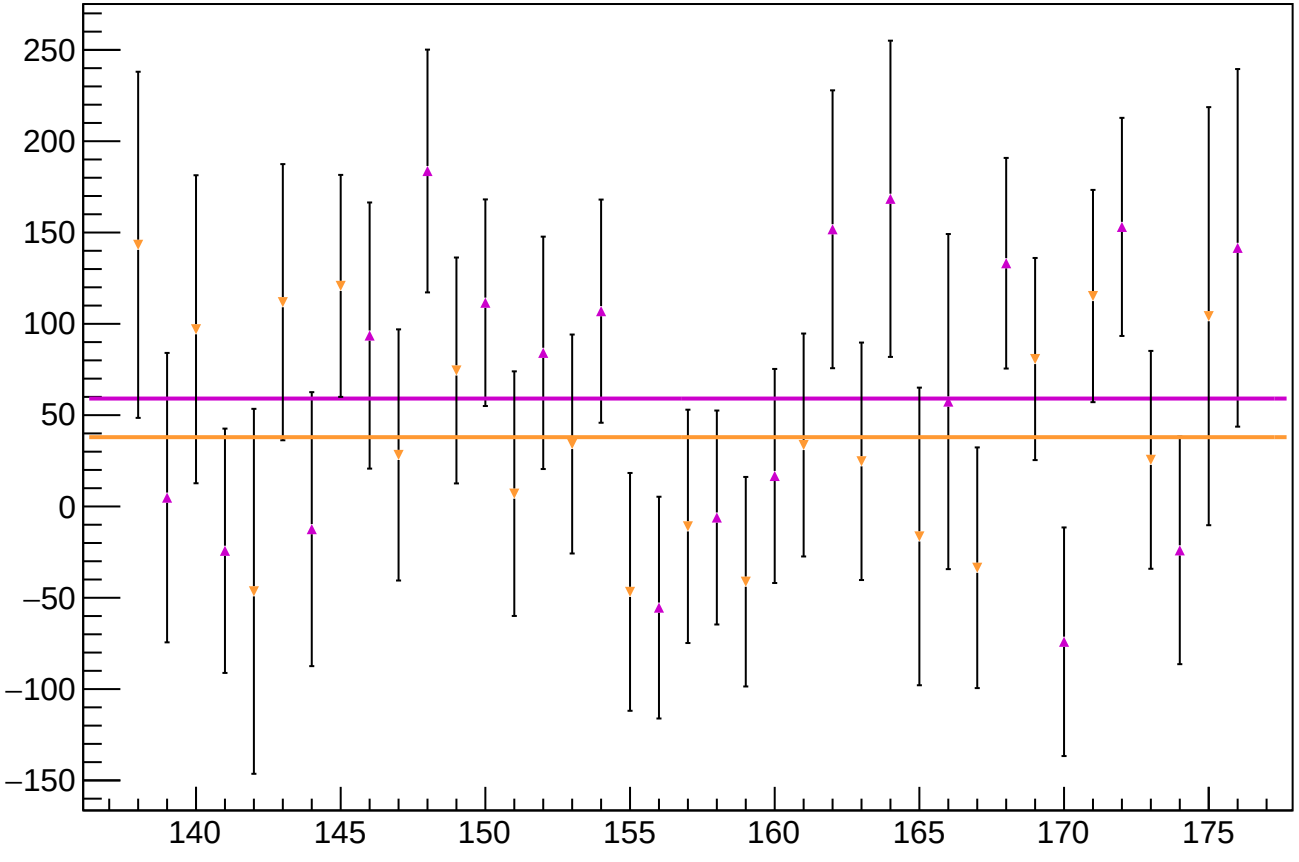
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 126.201+/-0.024 χ^2/NDF:1179323.1/18

Out: 128.282+/-0.024 χ^2/NDF:1464939.5/19

All: 127.226+/-0.017 χ^2/NDF: 2648065.9/38

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 37.941+/-15.037 χ^2/NDF:14.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 59.090+/-15.286 χ^2/NDF:27.8/18

Left: 48.342+/-10.720 χ^2/NDF: 43.2/38

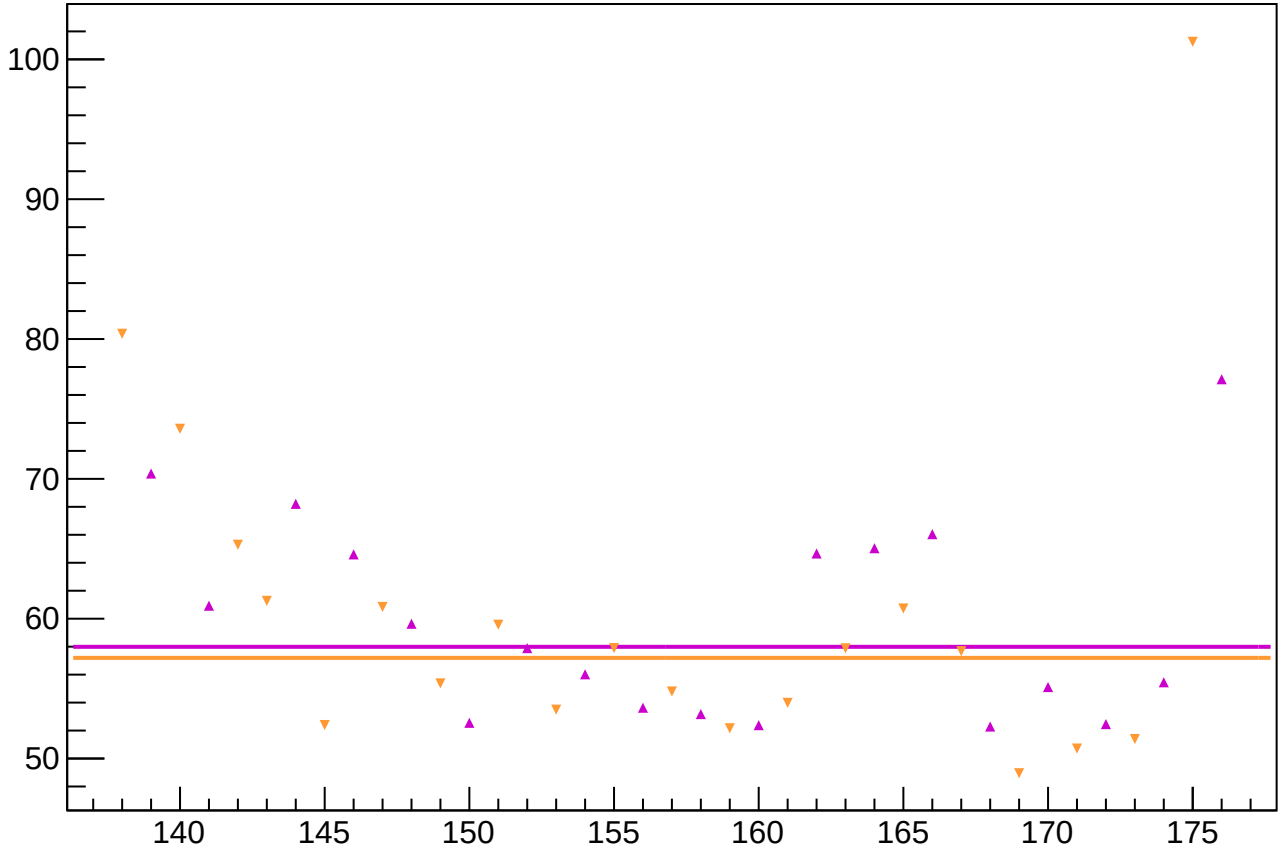
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 59.090+/-15.286 χ^2/NDF:27.8/18

Out: 37.941+/-15.037 χ^2/NDF:14.4/19

All: 48.342+/-10.720 χ^2/NDF: 43.2/38

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 57.199+/-0.011 χ^2/NDF:656749.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 57.989+/-0.011 χ^2/NDF:334898.8/18

Left: 57.587+/-0.008 χ^2/NDF: 994363.5/38

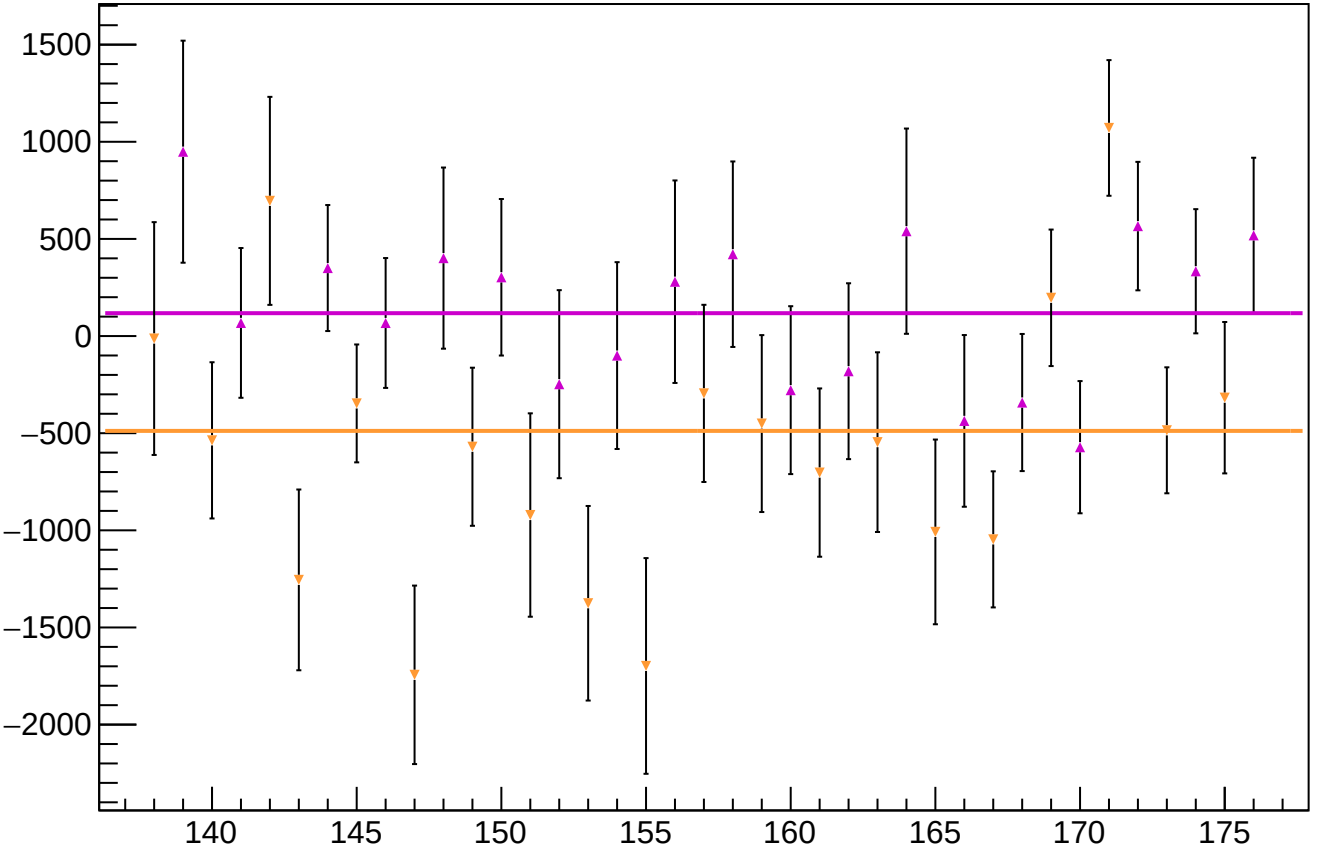
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 57.989+/-0.011 χ^2/NDF:334898.8/18

Out: 57.199+/-0.011 χ^2/NDF:656749.2/19

All: 57.587+/-0.008 χ^2/NDF: 994363.5/38

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -488.195+/-93.569 χ^2/NDF:52.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 117.770+/-92.655 χ^2/NDF:17.1/18

Left: -182.238+/-65.838 χ^2/NDF: 91.0/38

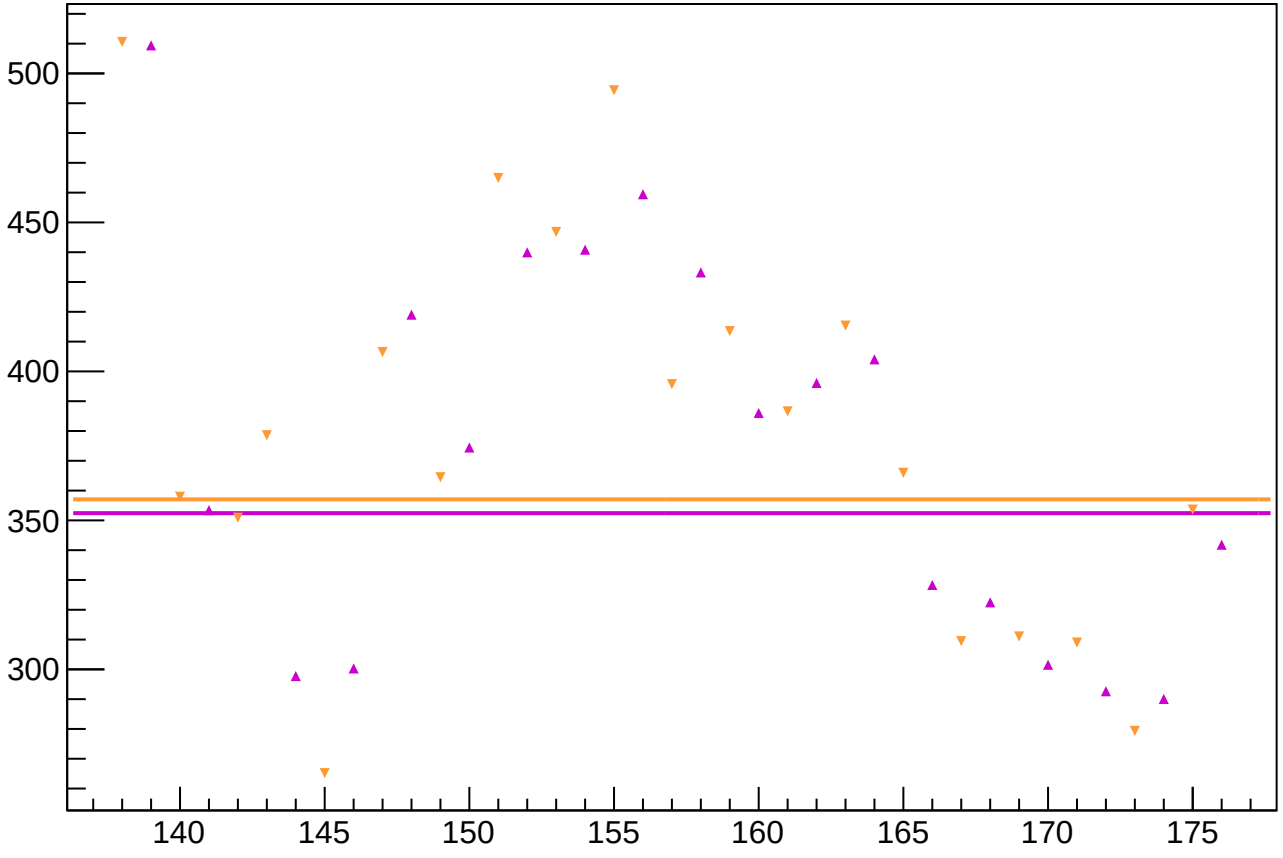
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 117.770+/-92.655 χ^2/NDF:17.1/18

Out: -488.195+/-93.569 χ^2/NDF:52.7/19

All: -182.238+/-65.838 χ^2/NDF: 91.0/38

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 357.057+/-0.066 χ^2/NDF:925677.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 352.429+/-0.066 χ^2/NDF:835674.7/18

Left: 354.720+/-0.047 χ^2/NDF: 1763822.6/38

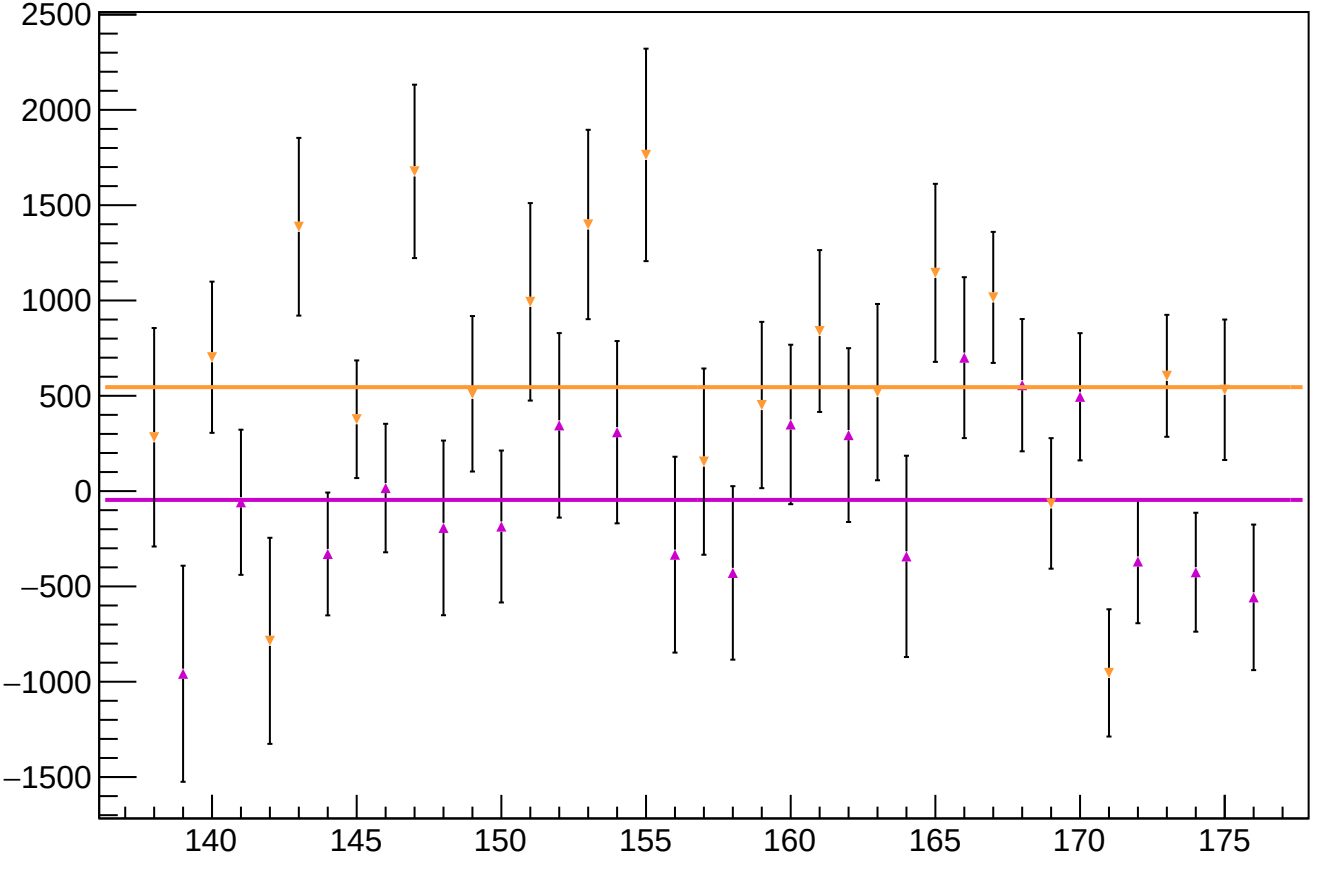
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 352.429+/-0.066 χ^2/NDF:835674.7/18

Out: 357.057+/-0.066 χ^2/NDF:925677.3/19

All: 354.720+/-0.047 χ^2/NDF: 1763822.6/38

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 545.368+/-92.397 χ^2/NDF:52.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -46.185+/-91.115 χ^2/NDF:20.6/18

Left: 245.460+/-64.877 χ^2/NDF: 94.2/38

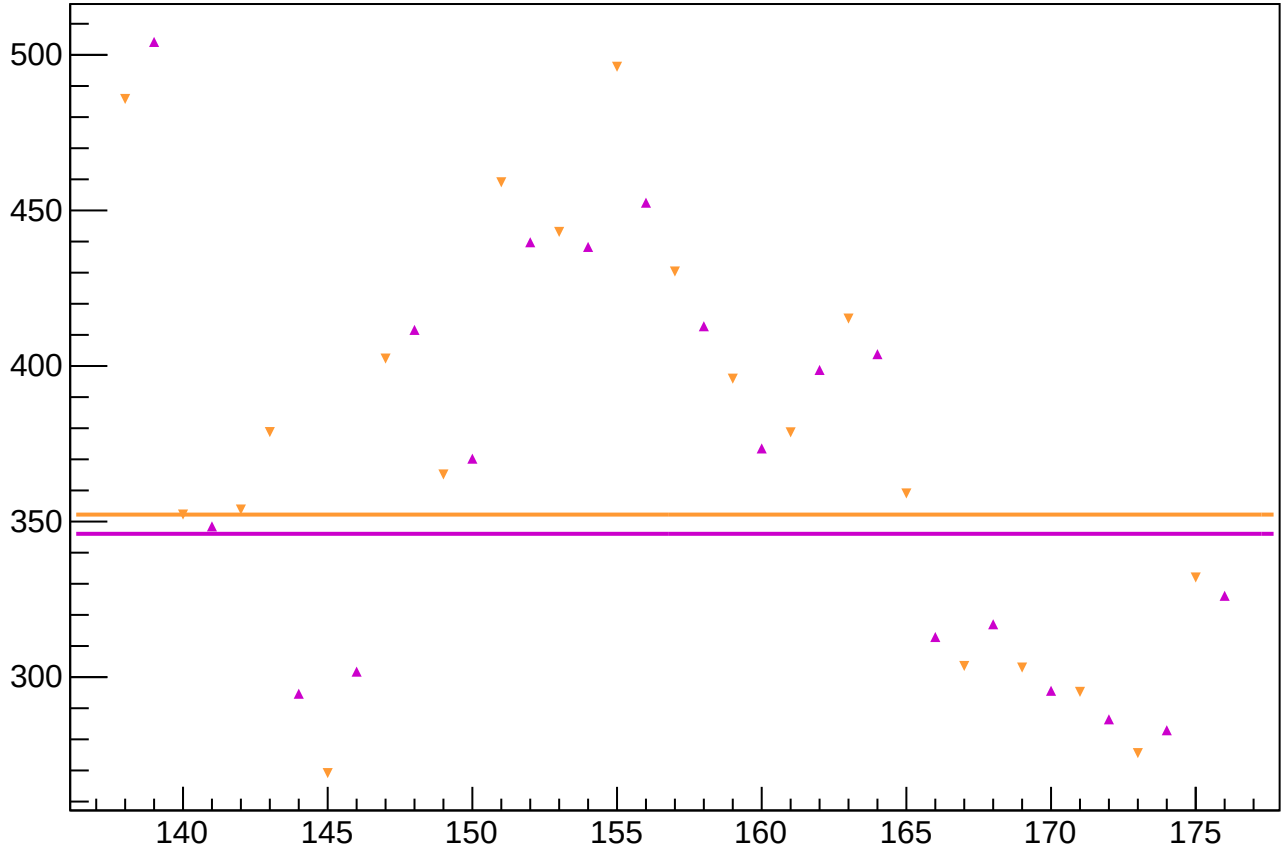
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -46.185+/-91.115 χ^2/NDF:20.6/18

Out: 545.368+/-92.397 χ^2/NDF:52.7/19

All: 245.460+/-64.877 χ^2/NDF: 94.2/38

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 352.242+/-0.065 χ^2/NDF:948846.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 346.061+/-0.064 χ^2/NDF:854103.4/18

Left: 349.109+/-0.046 χ^2/NDF: 1807486.4/38

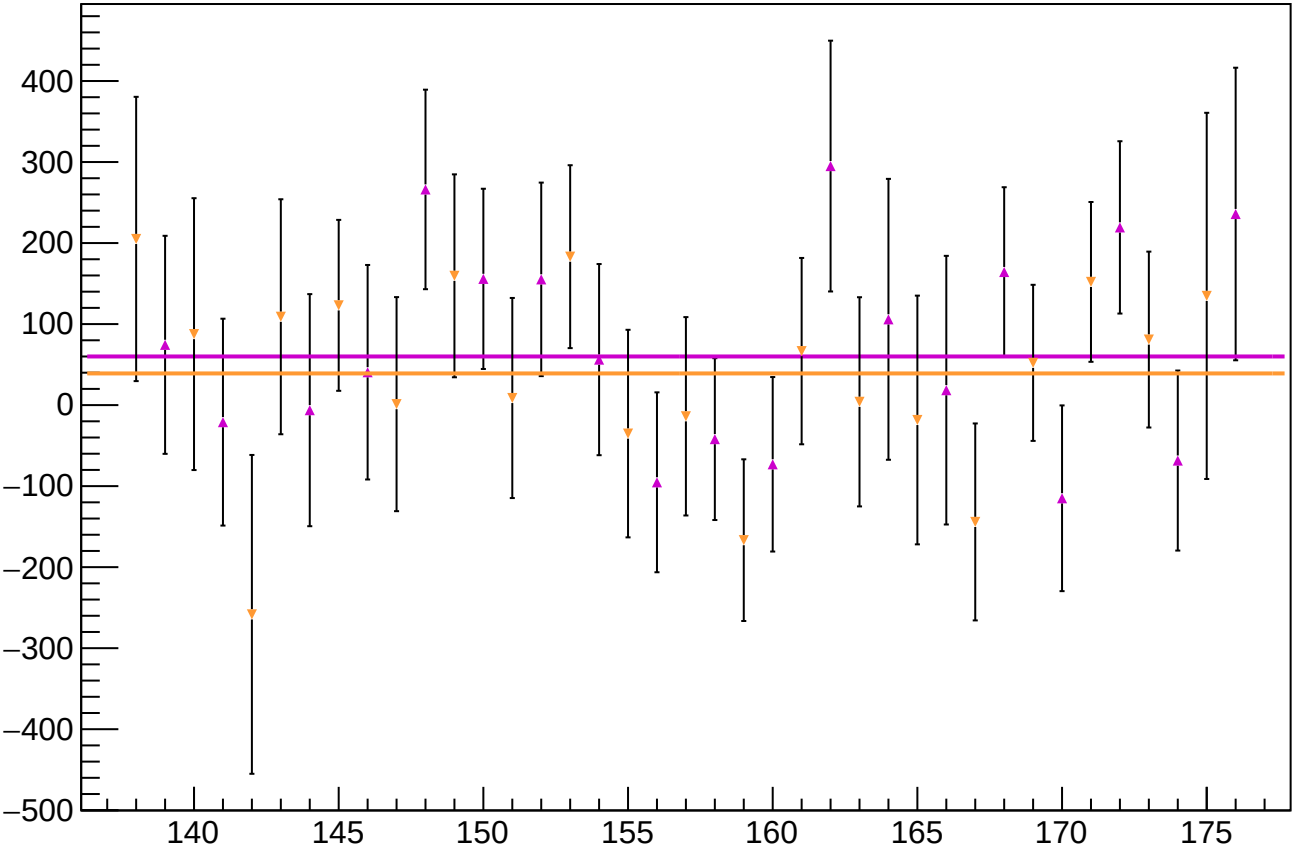
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 346.061+/-0.064 χ^2/NDF:854103.4/18

Out: 352.242+/-0.065 χ^2/NDF:948846.0/19

All: 349.109+/-0.046 χ^2/NDF: 1807486.4/38

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 39.093+/-27.892 χ^2/NDF:15.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 60.029+/-28.196 χ^2/NDF:19.7/18

Left: 49.447+/-19.829 χ^2/NDF: 35.7/38

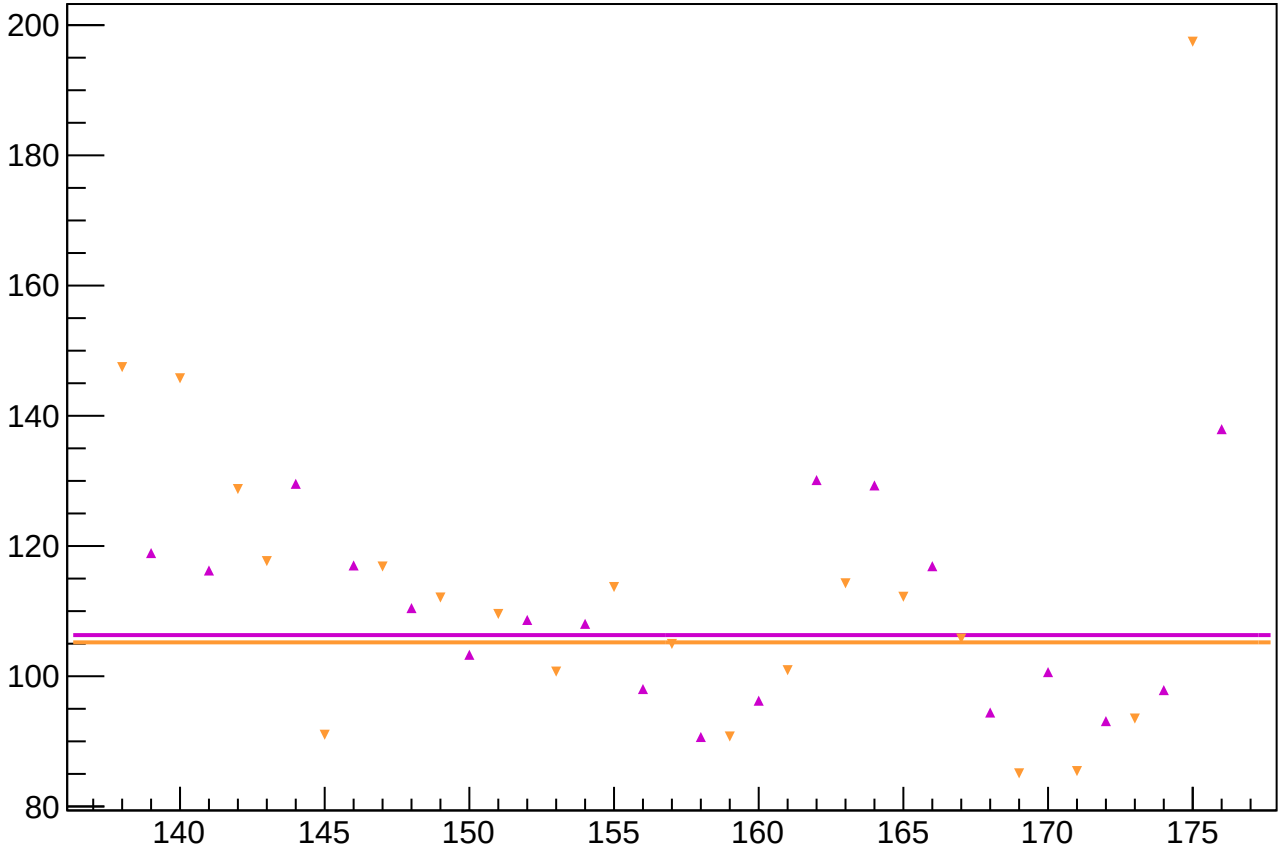
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.029+/-28.196 χ^2/NDF:19.7/18

Out: 39.093+/-27.892 χ^2/NDF:15.8/19

All: 49.447+/-19.829 χ^2/NDF: 35.7/38

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 105.203+/-0.020 χ^2/NDF:931750.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 106.319+/-0.020 χ^2/NDF:403258.8/18

Left: 105.755+/-0.014 χ^2/NDF: 1336591.6/38

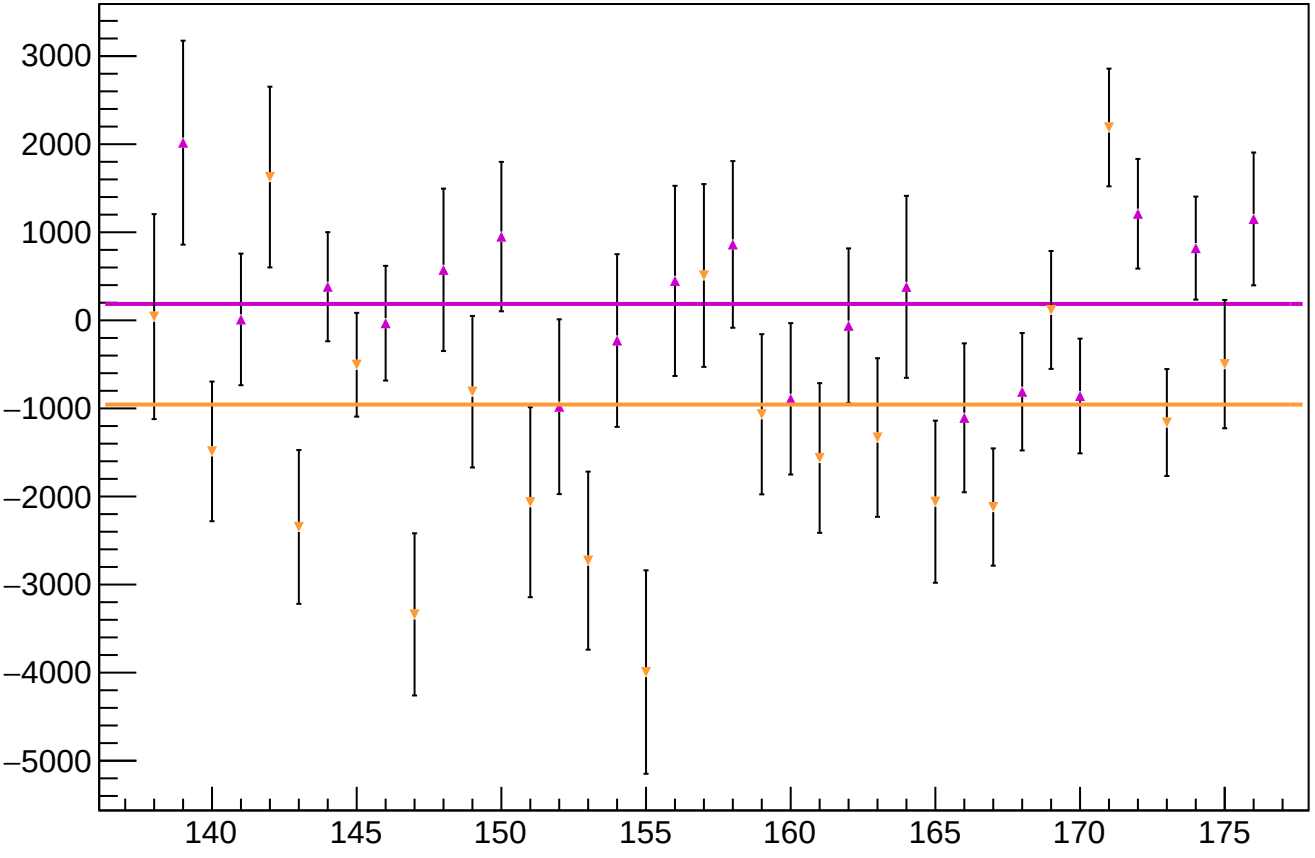
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 106.319+/-0.020 χ^2/NDF:403258.8/18

Out: 105.203+/-0.020 χ^2/NDF:931750.0/19

All: 105.755+/-0.014 χ^2/NDF: 1336591.6/38

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -955.981+/-183.029 χ^2/NDF:60.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 186.351+/-179.743 χ^2/NDF:20.2/18

Left: -374.467+/-128.244 χ^2/NDF: 100.9/38

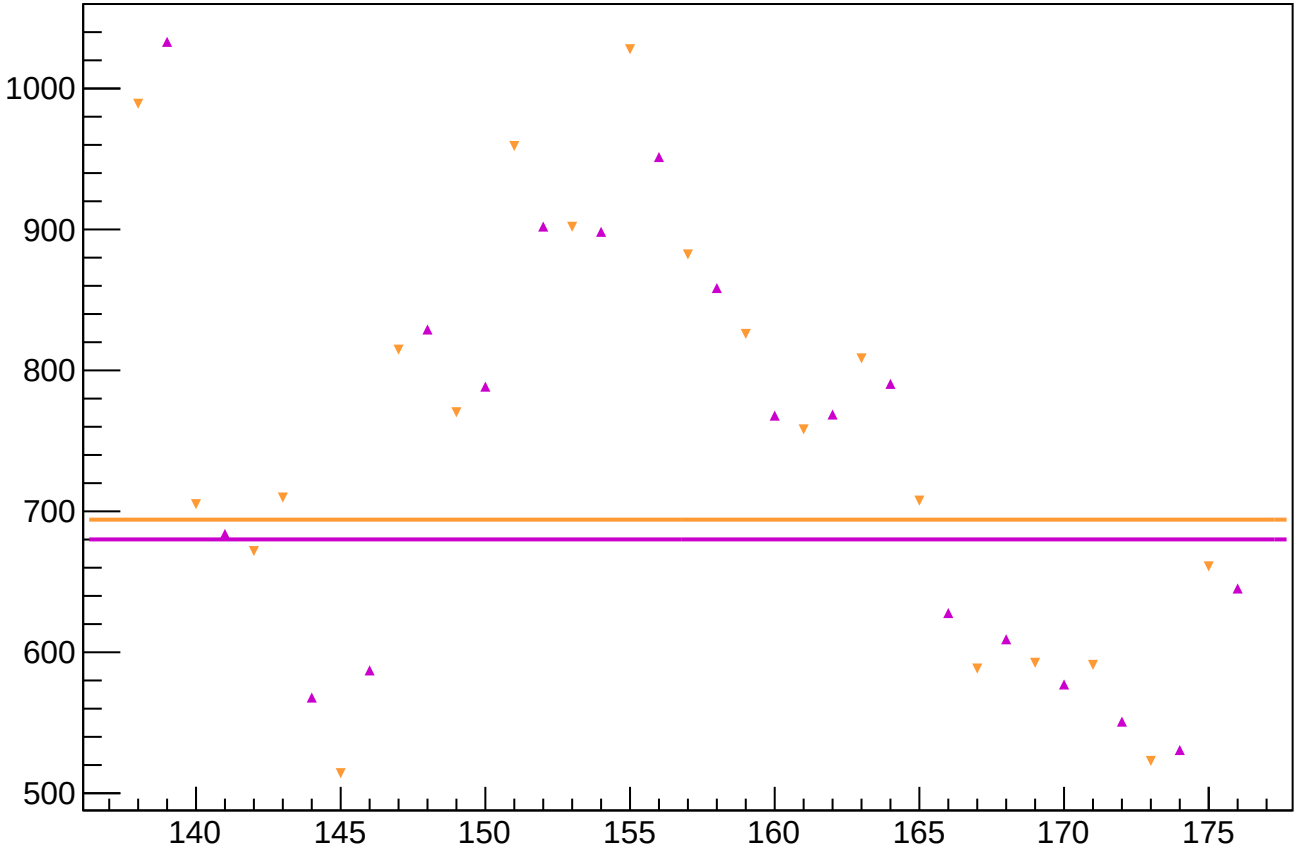
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 186.351+/-179.743 χ^2/NDF:20.2/18

Out: -955.981+/-183.029 χ^2/NDF:60.9/19

All: -374.467+/-128.244 χ^2/NDF: 100.9/38

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 694.112+/-0.129 χ^2/NDF:1198165.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 680.079+/-0.127 χ^2/NDF:1138965.9/18

Left: 686.968+/-0.091 χ^2/NDF: 2343115.6/38

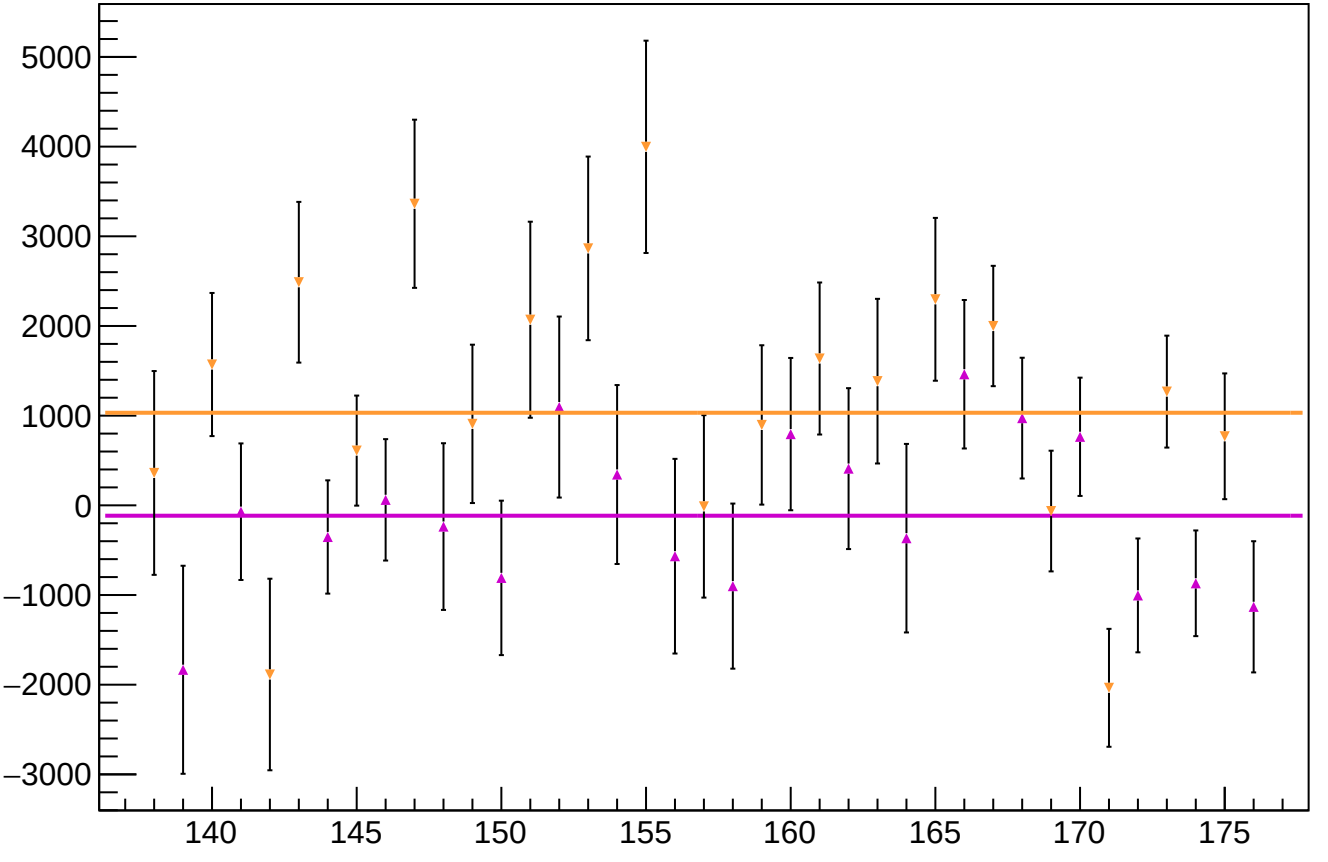
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 680.079+/-0.127 χ^2/NDF:1138965.9/18

Out: 694.112+/-0.129 χ^2/NDF:1198165.0/19

All: 686.968+/-0.091 χ^2/NDF: 2343115.6/38

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1032.338+/-184.376 χ^2/NDF:58.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -115.754+/-181.342 χ^2/NDF:20.7/18

Left: 448.768+/-129.287 χ^2/NDF: 98.8/38

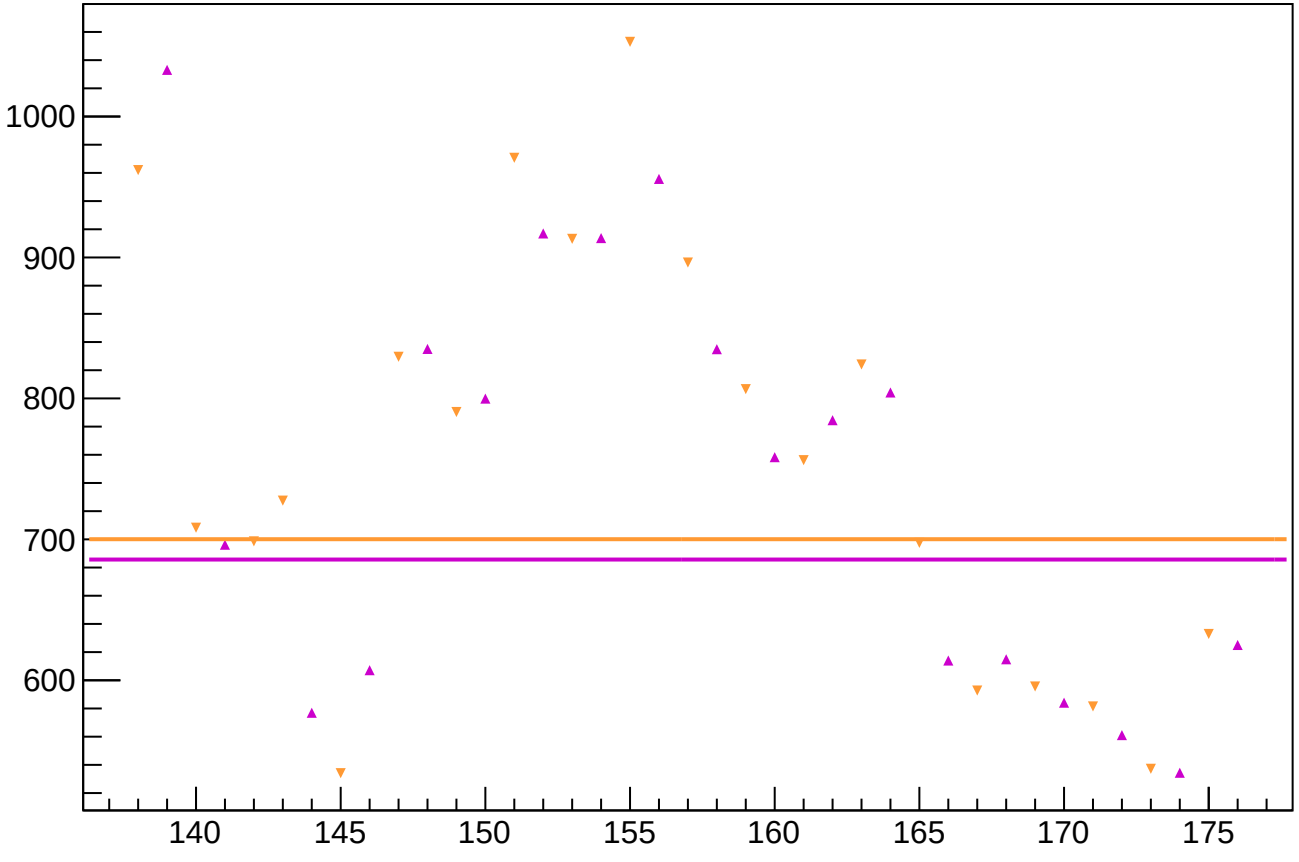
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -115.754+/-181.342 χ^2/NDF:20.7/18

Out: 1032.338+/-184.376 χ^2/NDF:58.4/19

All: 448.768+/-129.287 χ^2/NDF: 98.8/38

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 700.106+/-0.130 χ^2/NDF:1168357.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 685.678+/-0.128 χ^2/NDF:1110242.2/18

Left: 692.772+/-0.091 χ^2/NDF: 2284825.3/38

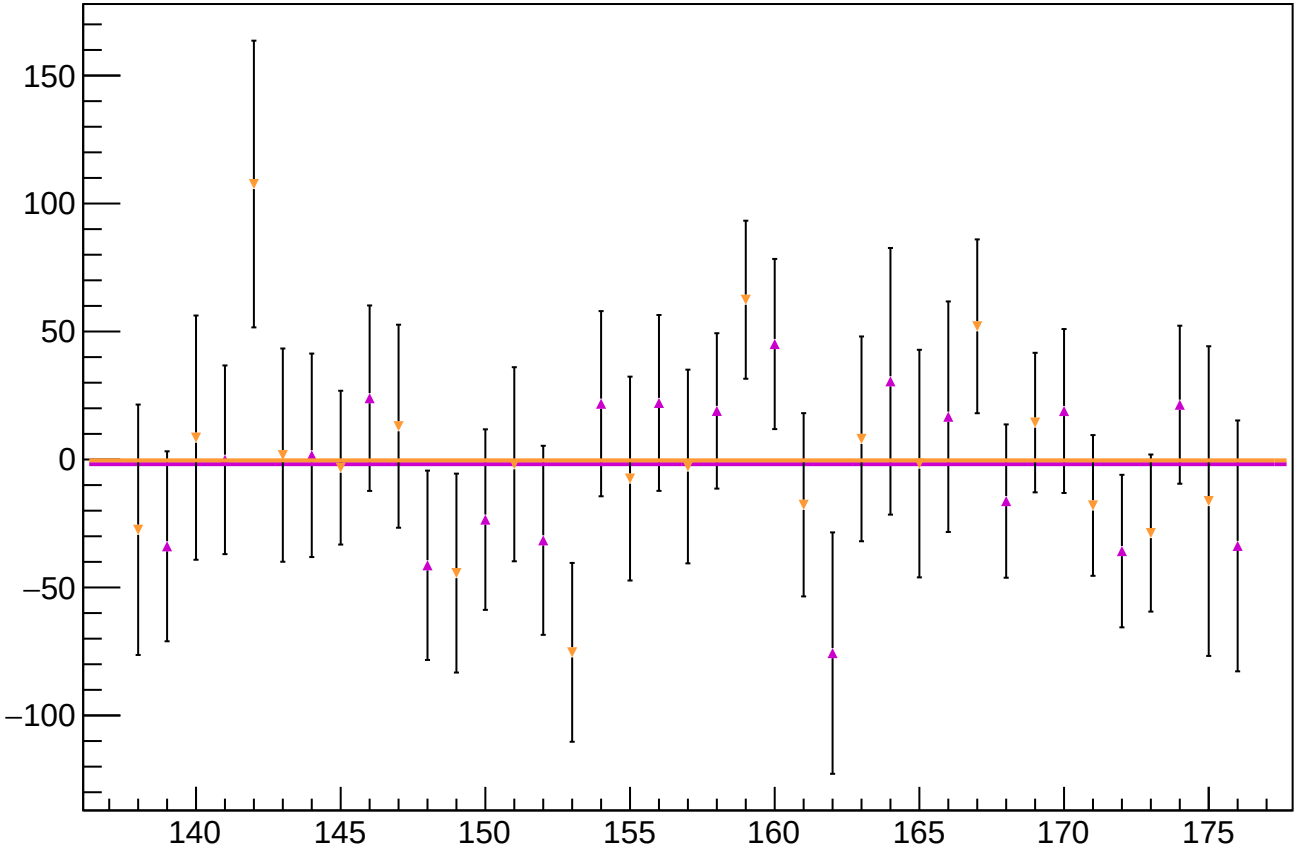
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 685.678+/-0.128 χ^2/NDF:1110242.2/18

Out: 700.106+/-0.130 χ^2/NDF:1168357.9/19

All: 692.772+/-0.091 χ^2/NDF: 2284825.3/38

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.340+/-8.211 χ^2/NDF:18.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -1.830+/-8.242 χ^2/NDF:12.8/18

Left: -1.082+/-5.817 χ^2/NDF: 31.3/38

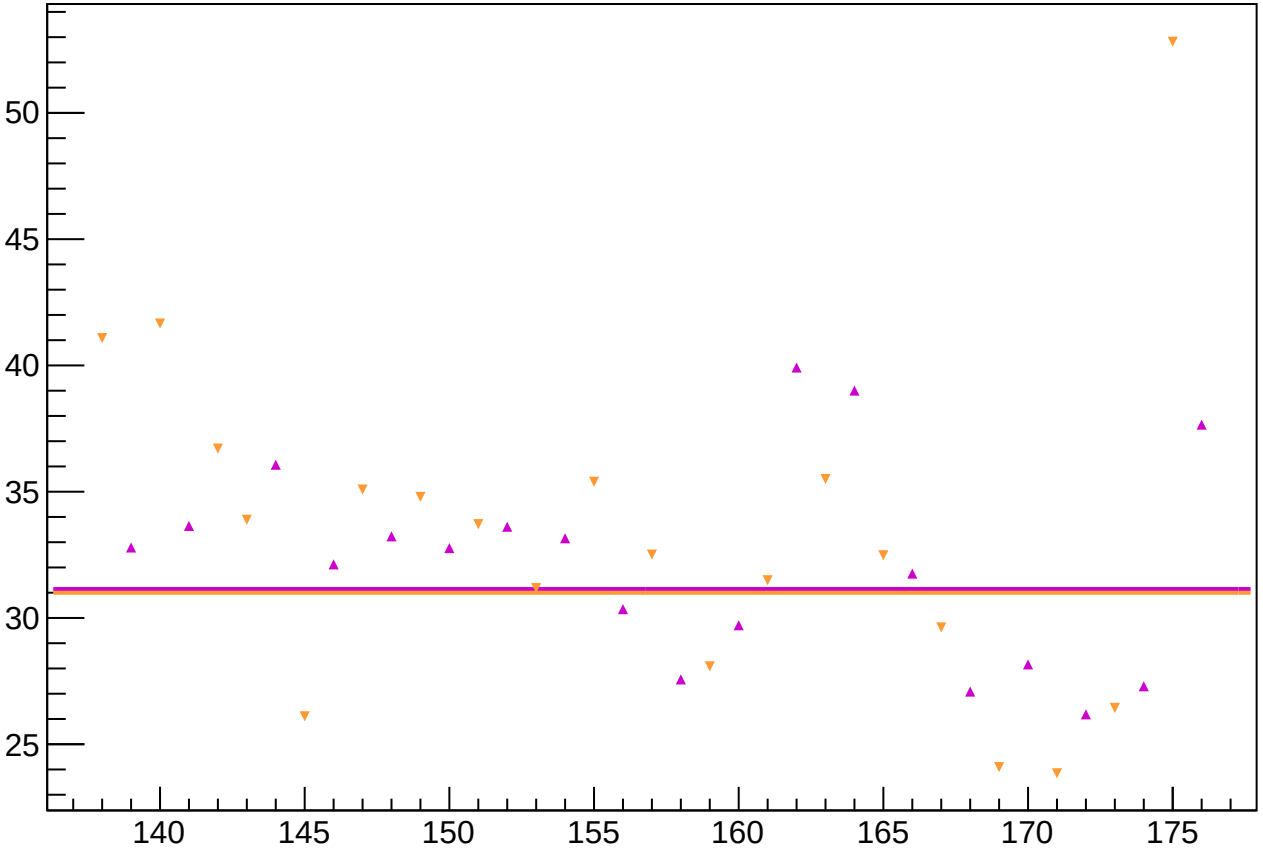
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.830+/-8.242 χ^2/NDF:12.8/18

Out: -0.340+/-8.211 χ^2/NDF:18.5/19

All: -1.082+/-5.817 χ^2/NDF: 31.3/38

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 30.999+/-0.006 χ^2/NDF:963479.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 31.146+/-0.006 χ^2/NDF:394613.0/18

Left: 31.072+/-0.004 χ^2/NDF: 1358410.7/38

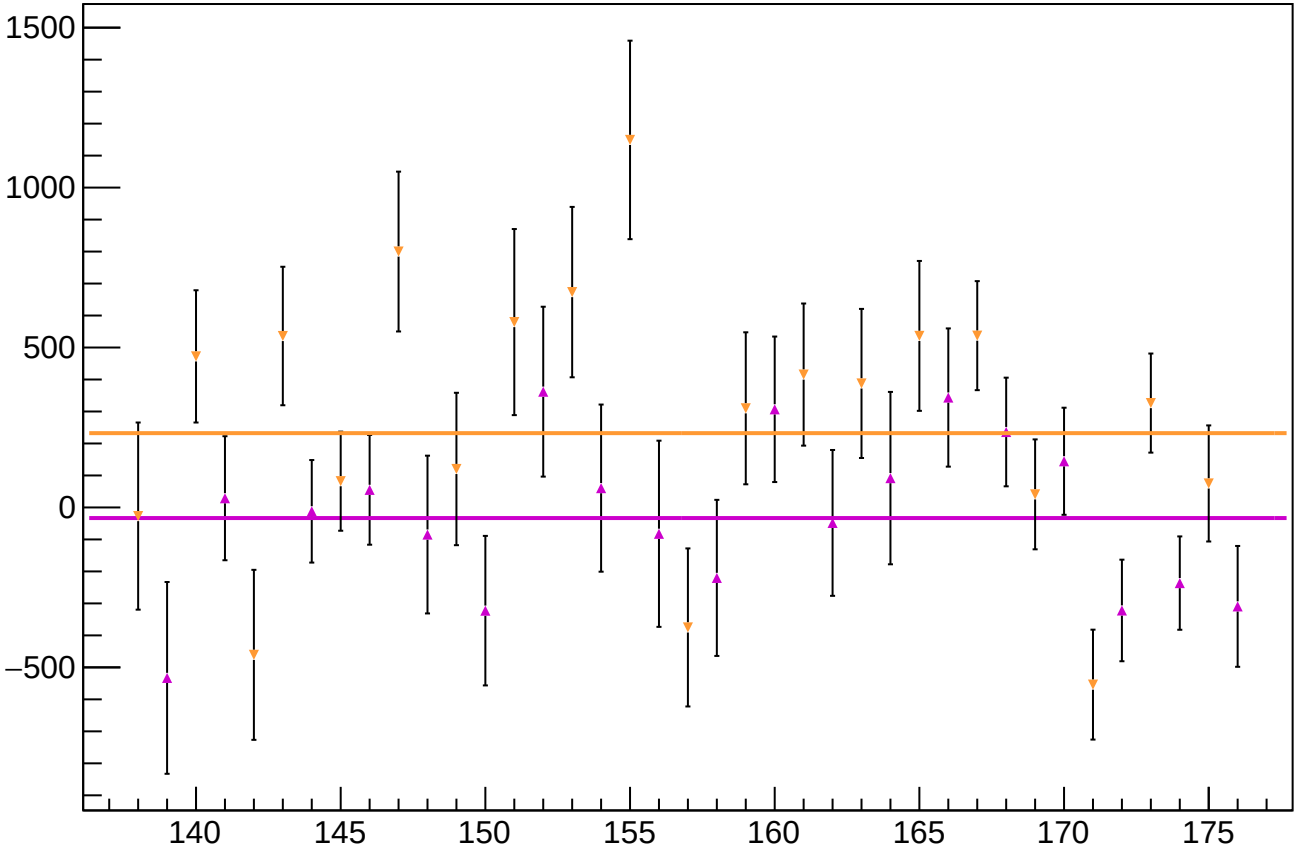
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 31.146+/-0.006 χ^2/NDF:394613.0/18

Out: 30.999+/-0.006 χ^2/NDF:963479.1/19

All: 31.072+/-0.004 χ^2/NDF: 1358410.7/38

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 232.308+/-47.279 χ^2/NDF:65.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -33.162+/-46.545 χ^2/NDF:24.2/18

Left: 97.498+/-33.169 χ^2/NDF: 105.8/38

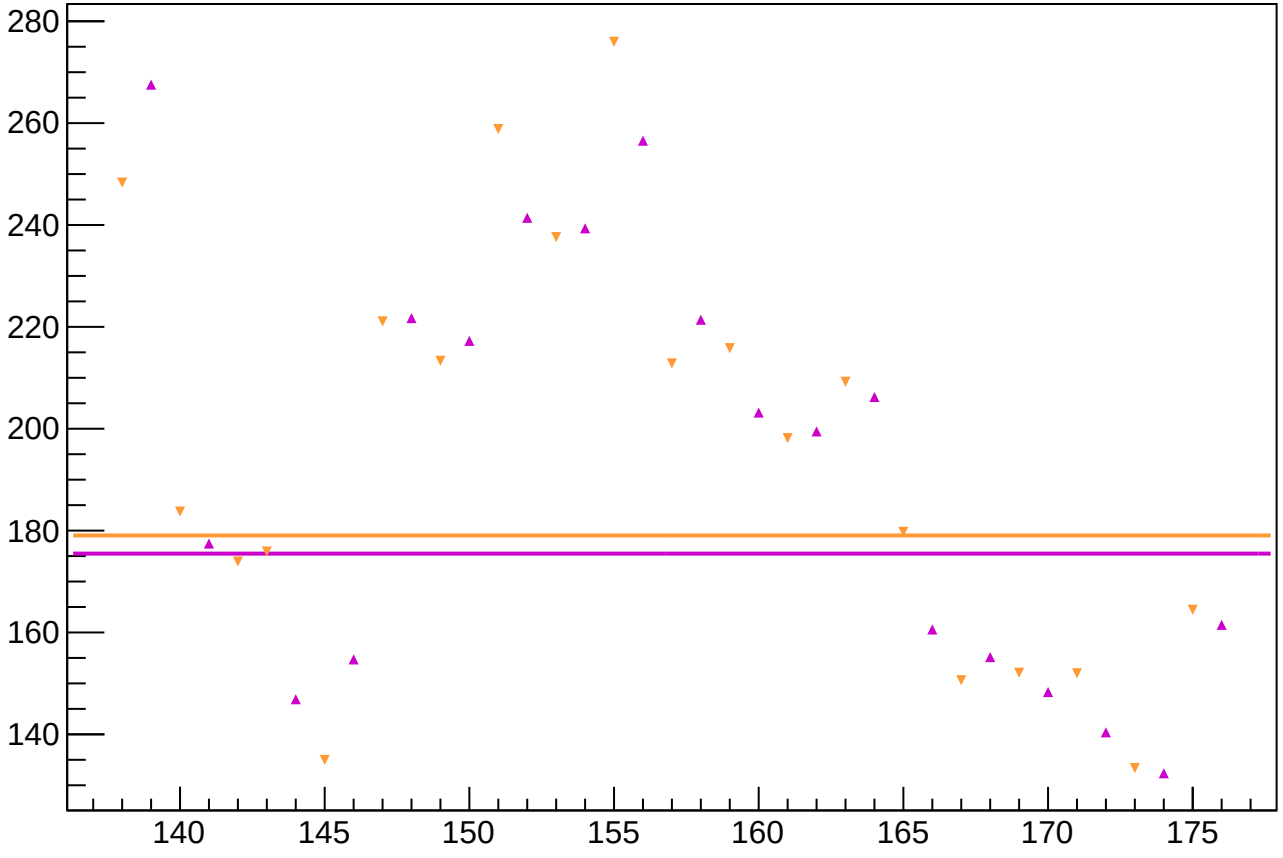
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -33.162+/-46.545 χ^2/NDF:24.2/18

Out: 232.308+/-47.279 χ^2/NDF:65.6/19

All: 97.498+/-33.169 χ^2/NDF: 105.8/38

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 179.050+/-0.033 χ^2/NDF:1291415.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 175.483+/-0.033 χ^2/NDF:1336752.4/18

Left: 177.239+/-0.023 χ^2/NDF: 2633950.8/38

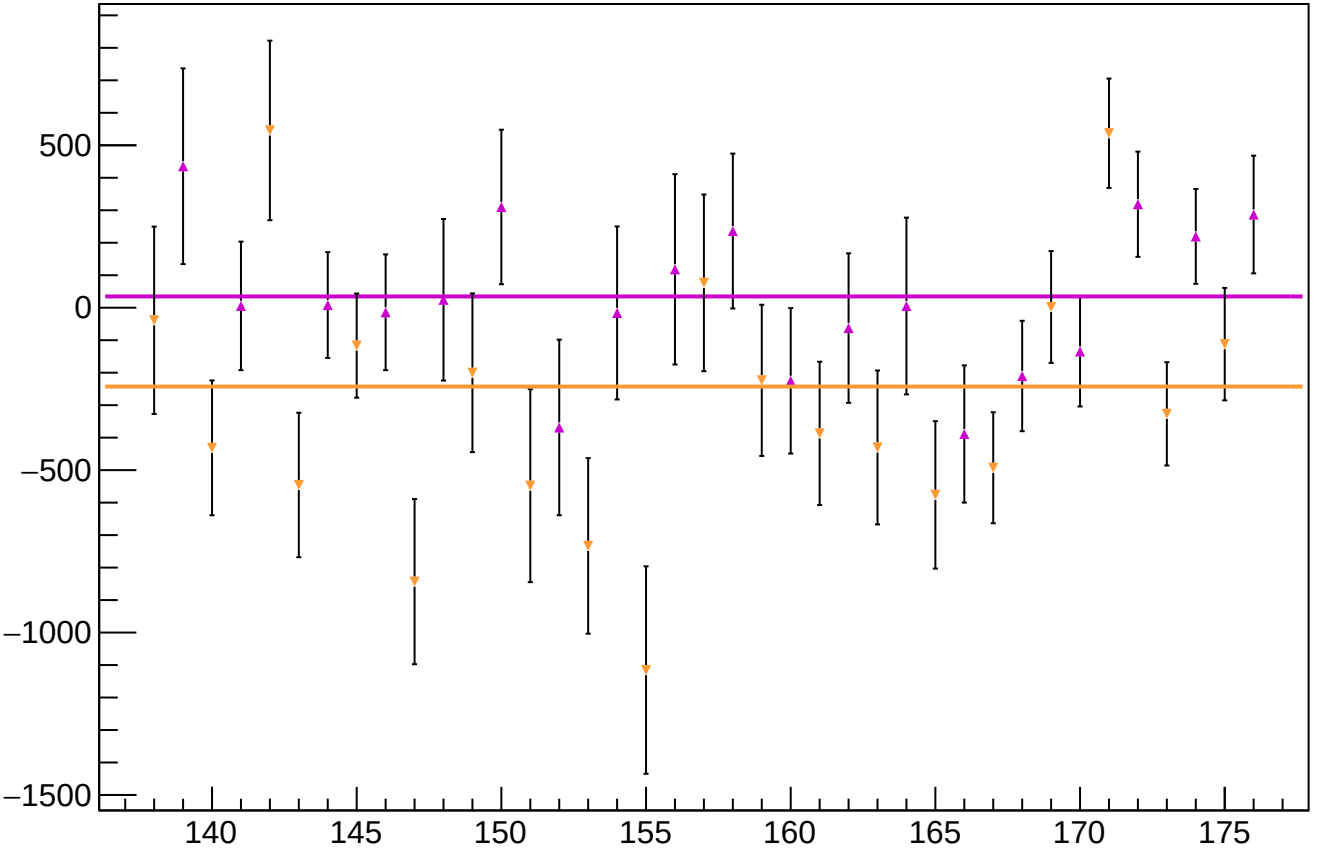
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 175.483+/-0.033 χ^2/NDF:1336752.4/18

Out: 179.050+/-0.033 χ^2/NDF:1291415.7/19

All: 177.239+/-0.023 χ^2/NDF: 2633950.8/38

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -242.730+/-47.645 χ^2/NDF:60.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 34.703+/-46.805 χ^2/NDF:21.5/18

Left: -101.545+/-33.389 χ^2/NDF: 99.2/38

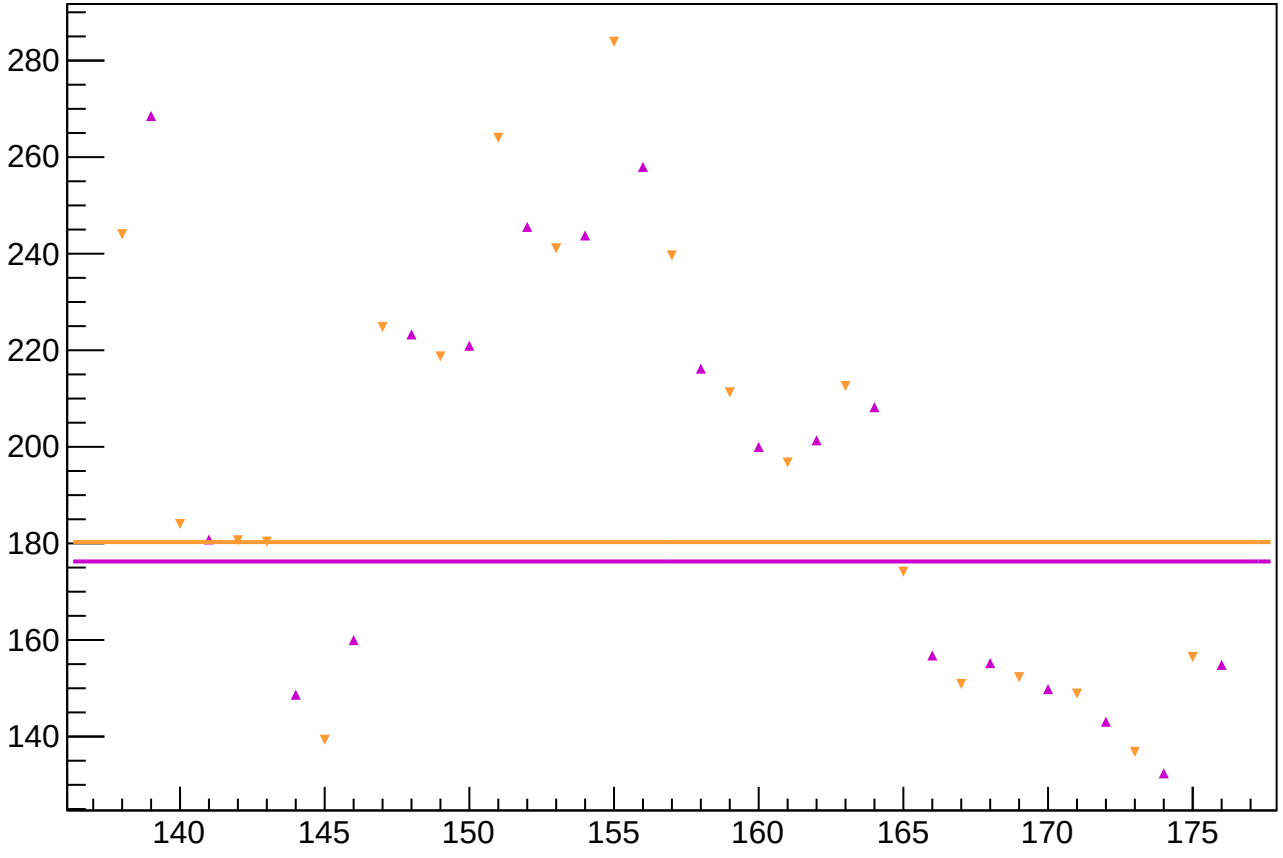
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 34.703+/-46.805 χ^2/NDF:21.5/18

Out: -242.730+/-47.645 χ^2/NDF:60.4/19

All: -101.545+/-33.389 χ^2/NDF: 99.2/38

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 180.277+/-0.034 χ^2/NDF:1359826.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 176.261+/-0.033 χ^2/NDF:1339624.2/18

Left: 178.233+/-0.024 χ^2/NDF: 2706682.9/38

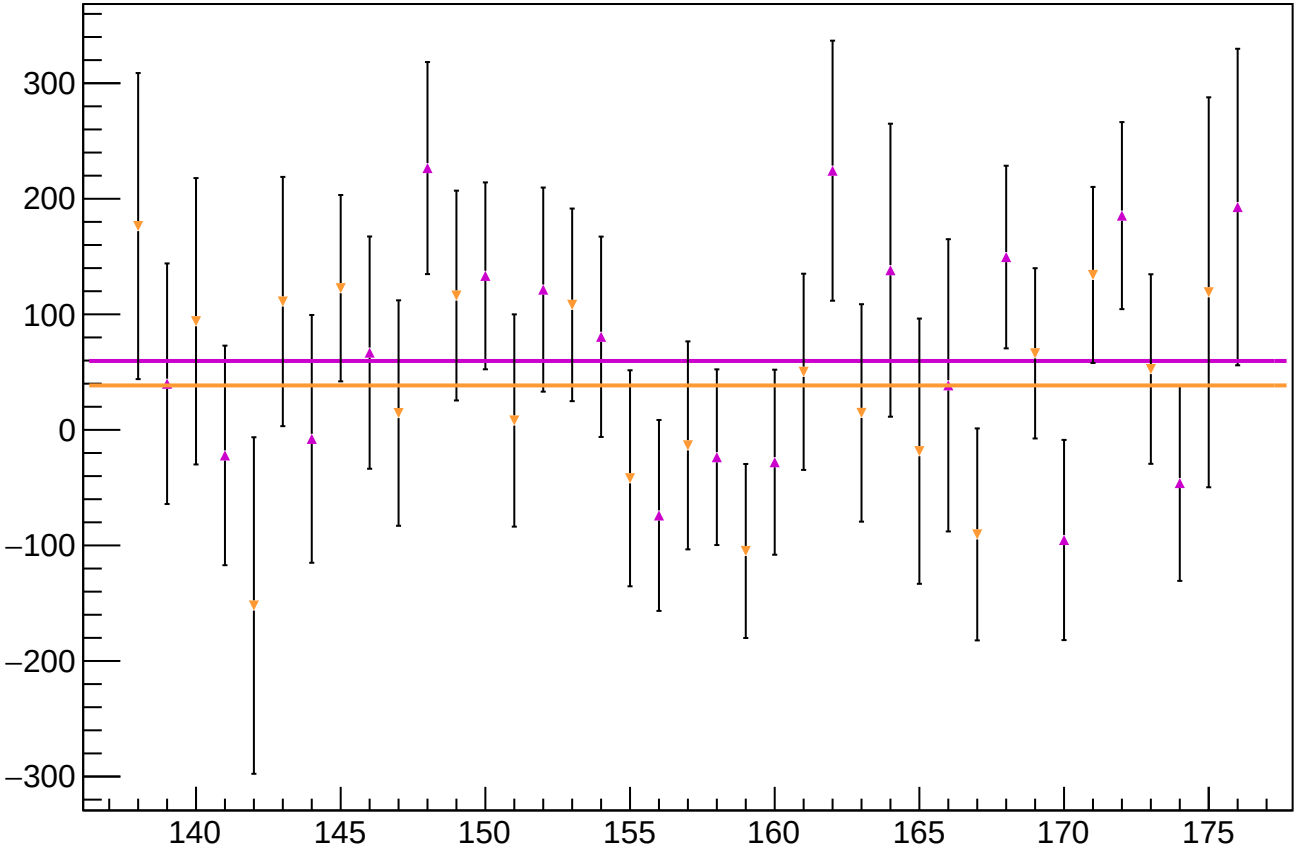
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 176.261+/-0.033 χ^2/NDF:1339624.2/18

Out: 180.277+/-0.034 χ^2/NDF:1359826.5/19

All: 178.233+/-0.024 χ^2/NDF: 2706682.9/38

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 38.470+/-20.856 χ^2/NDF:15.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 59.641+/-21.129 χ^2/NDF:22.8/18

Left: 48.918+/-14.843 χ^2/NDF: 38.5/38

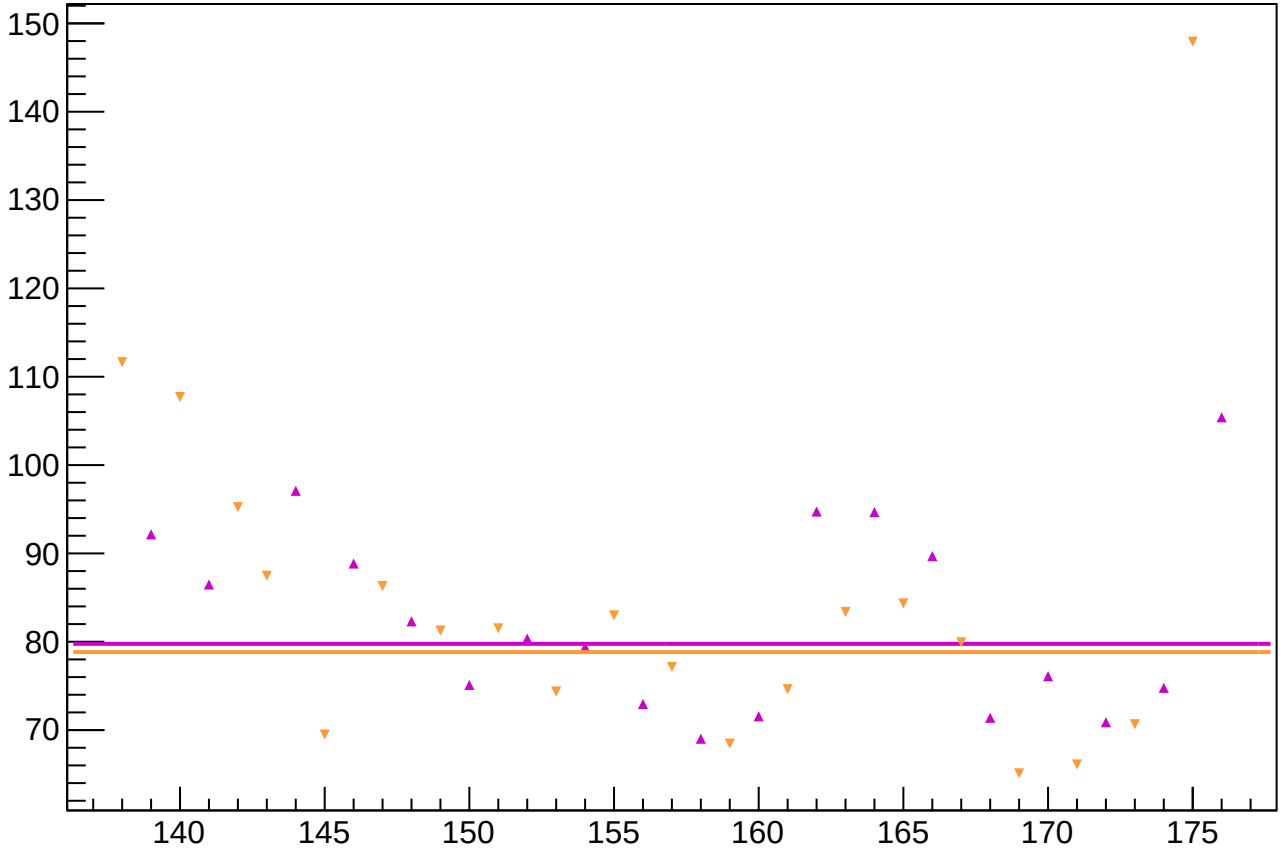
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 59.641+/-21.129 χ^2/NDF:22.8/18

Out: 38.470+/-20.856 χ^2/NDF:15.1/19

All: 48.918+/-14.843 χ^2/NDF: 38.5/38

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 78.831+/-0.015 χ^2/NDF:854316.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 79.767+/-0.015 χ^2/NDF:392152.7/18

Left: 79.293+/-0.010 χ^2/NDF: 1248455.3/38

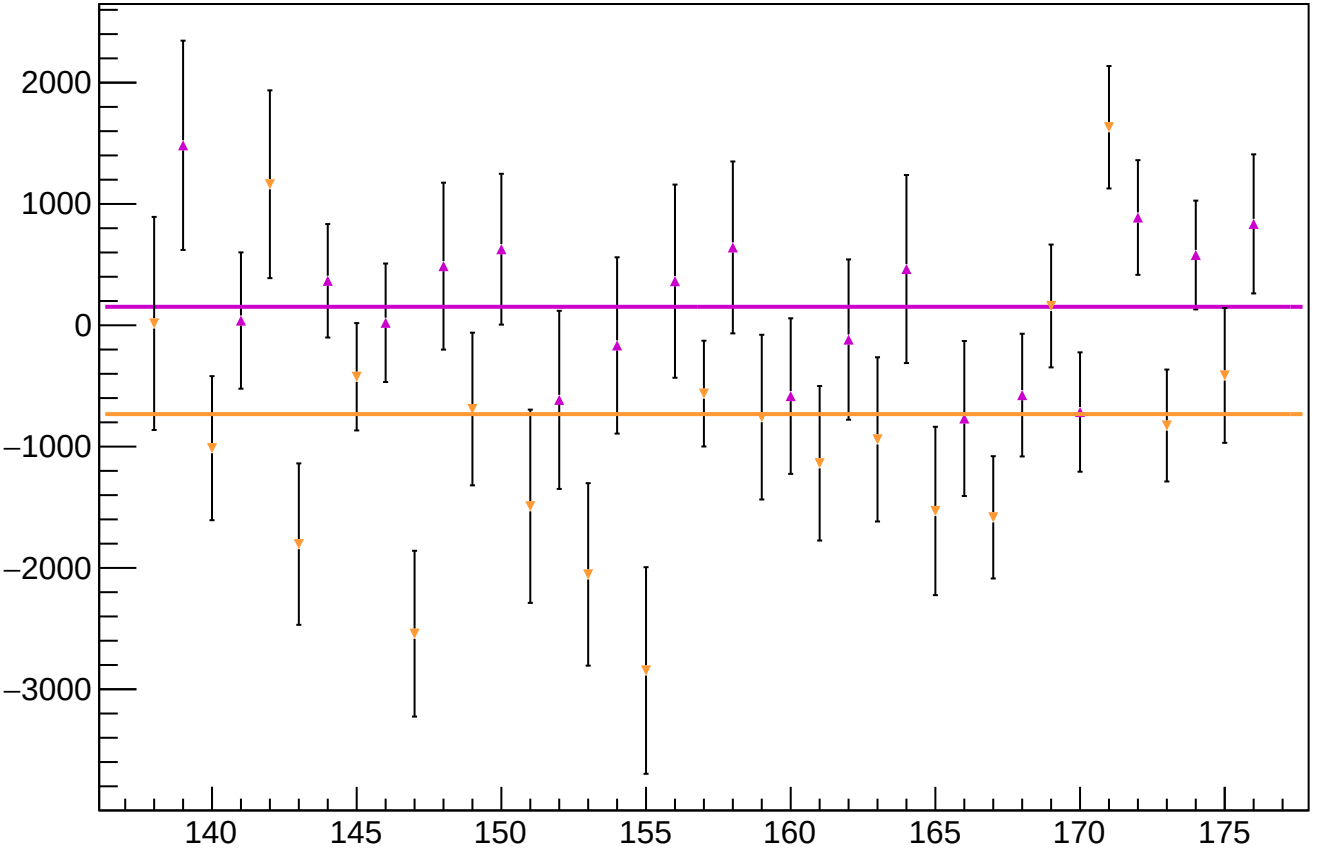
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 79.767+/-0.015 χ^2/NDF:392152.7/18

Out: 78.831+/-0.015 χ^2/NDF:854316.5/19

All: 79.293+/-0.010 χ^2/NDF: 1248455.3/38

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -732.122+/-133.121 χ^2/NDF:57.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 152.366+/-135.236 χ^2/NDF:19.0/18

Left: -296.847+/-94.870 χ^2/NDF: 98.2/38

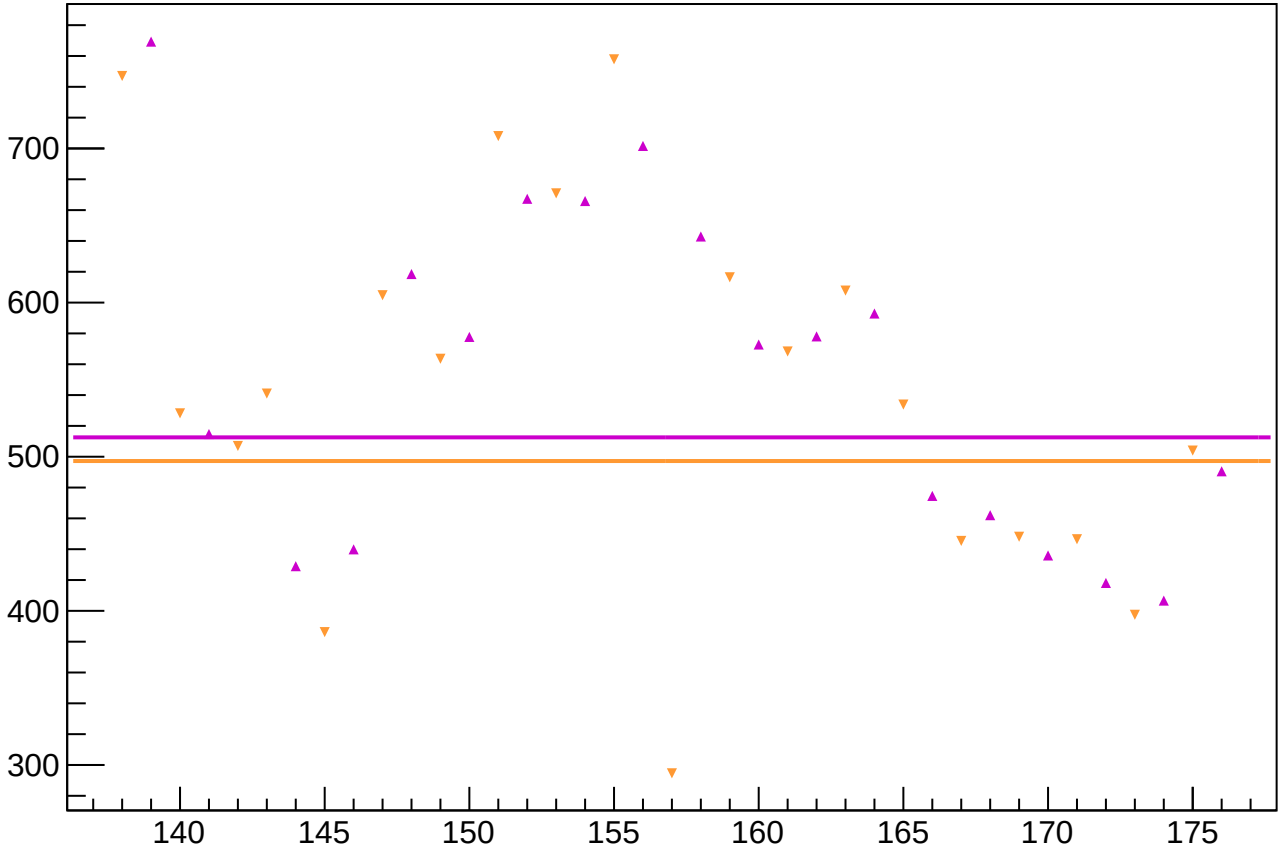
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 152.366+/-135.236 χ^2/NDF:19.0/18

Out: -732.122+/-133.121 χ^2/NDF:57.4/19

All: -296.847+/-94.870 χ^2/NDF: 98.2/38

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 497.205+/-0.094 χ^2/NDF:1539875.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 512.558+/-0.096 χ^2/NDF:1042182.6/18

Left: 504.761+/-0.067 χ^2/NDF: 2595148.8/38

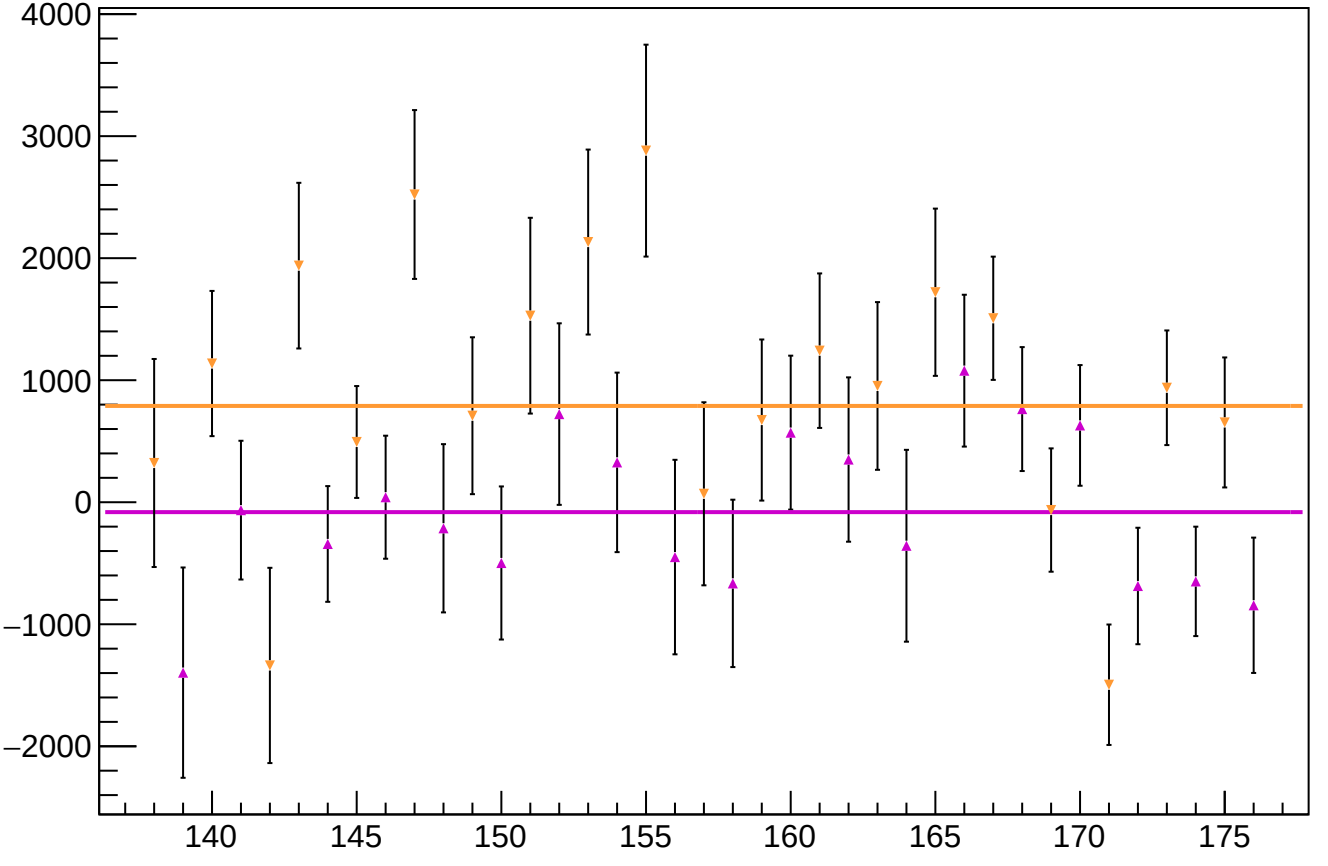
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 512.558+/-0.096 χ^2/NDF:1042182.6/18

Out: 497.205+/-0.094 χ^2/NDF:1539875.5/19

All: 504.761+/-0.067 χ^2/NDF: 2595148.8/38

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 789.187+/-137.835 χ^2/NDF:56.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -81.101+/-135.671 χ^2/NDF:20.6/18

Left: 347.159+/-96.690 χ^2/NDF: 97.8/38

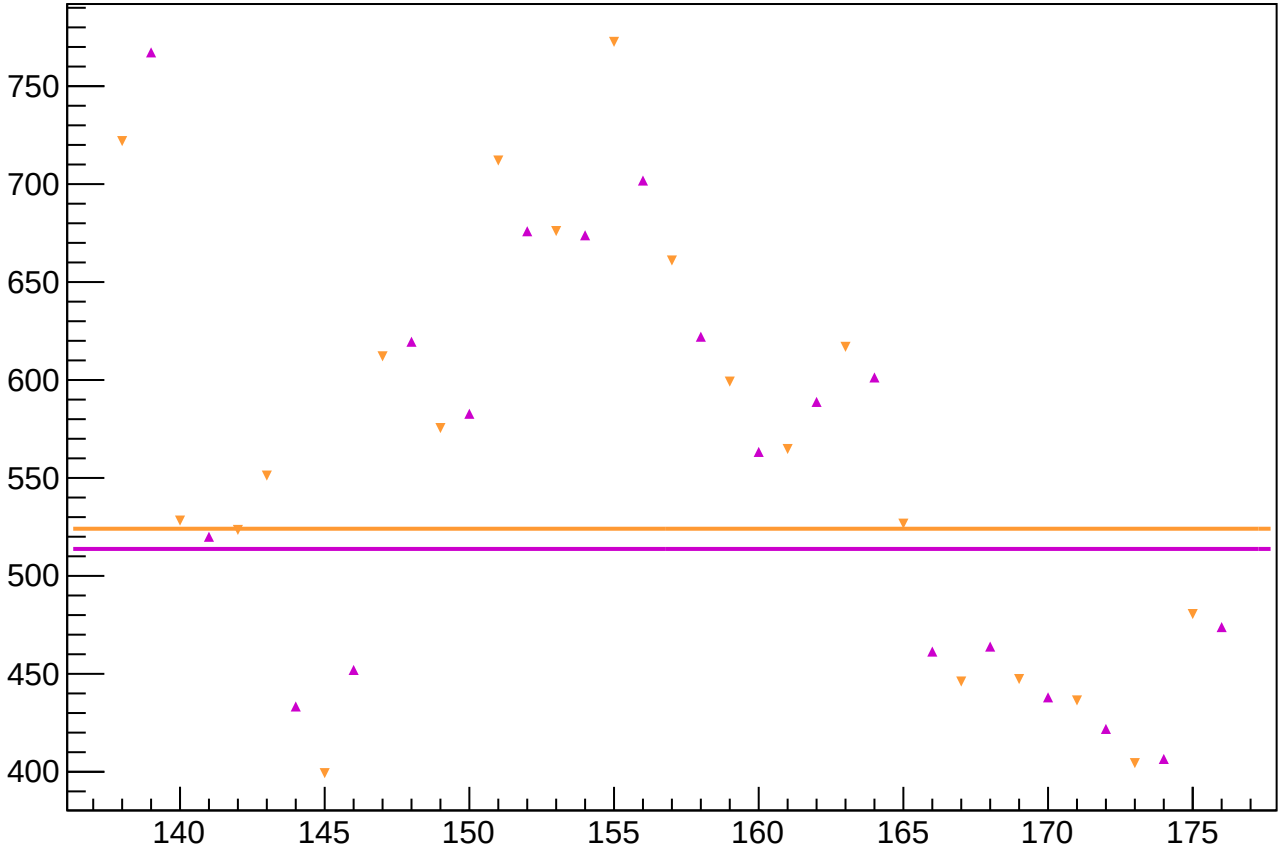
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -81.101+/-135.671 χ^2/NDF:20.6/18

Out: 789.187+/-137.835 χ^2/NDF:56.9/19

All: 347.159+/-96.690 χ^2/NDF: 97.8/38

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 524.078+/-0.097 χ^2/NDF:1095810.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 513.765+/-0.096 χ^2/NDF:1024357.8/18

Left: 518.840+/-0.068 χ^2/NDF: 2125855.3/38

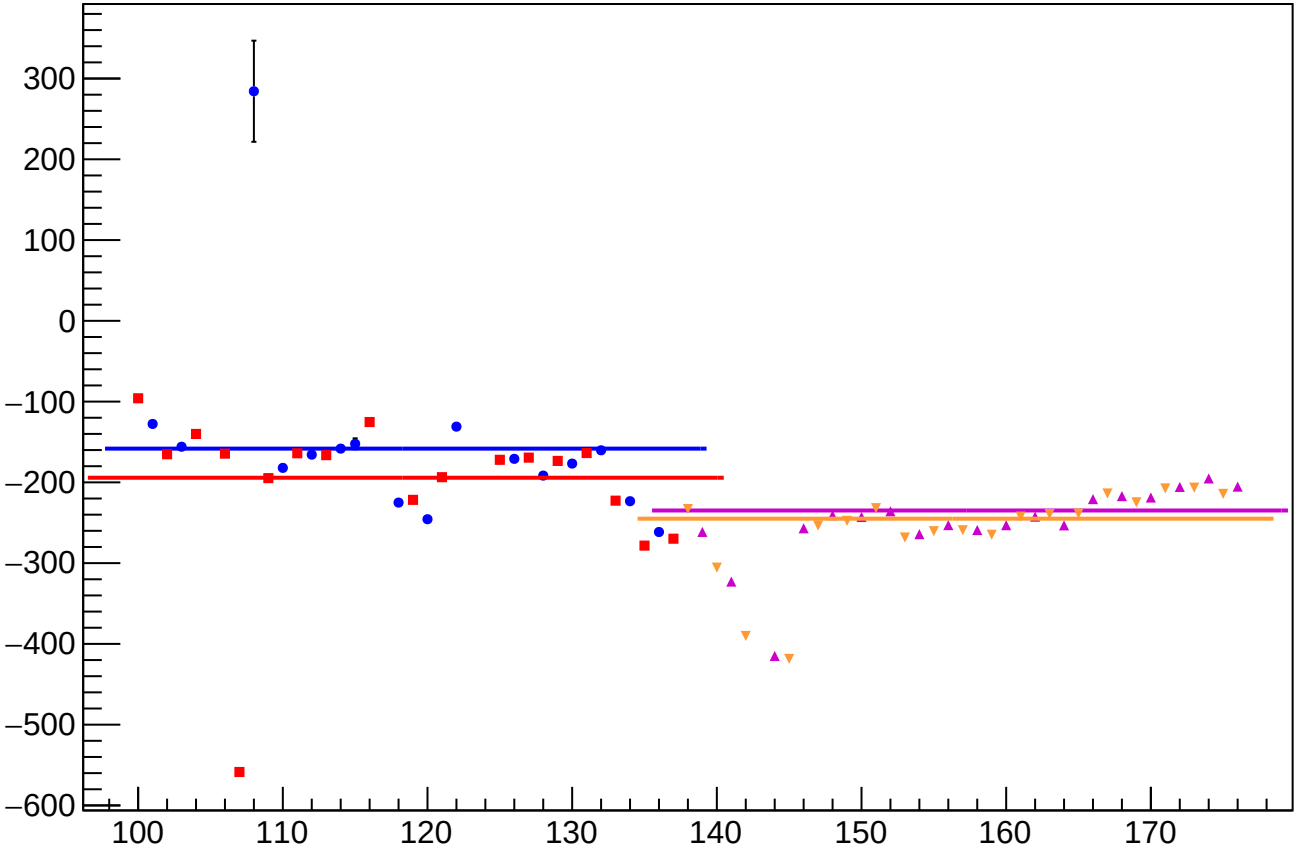
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 513.765+/-0.096 χ^2/NDF:1024357.8/18

Out: 524.078+/-0.097 χ^2/NDF:1095810.9/19

All: 518.840+/-0.068 χ^2/NDF: 2125855.3/38

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -244.959+/-0.126 χ^2/NDF:59829.9/18

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -234.819+/-0.113 χ^2/NDF:105575.0/18

Left: -239.312+/-0.084 χ^2/NDF: 168999.5/37

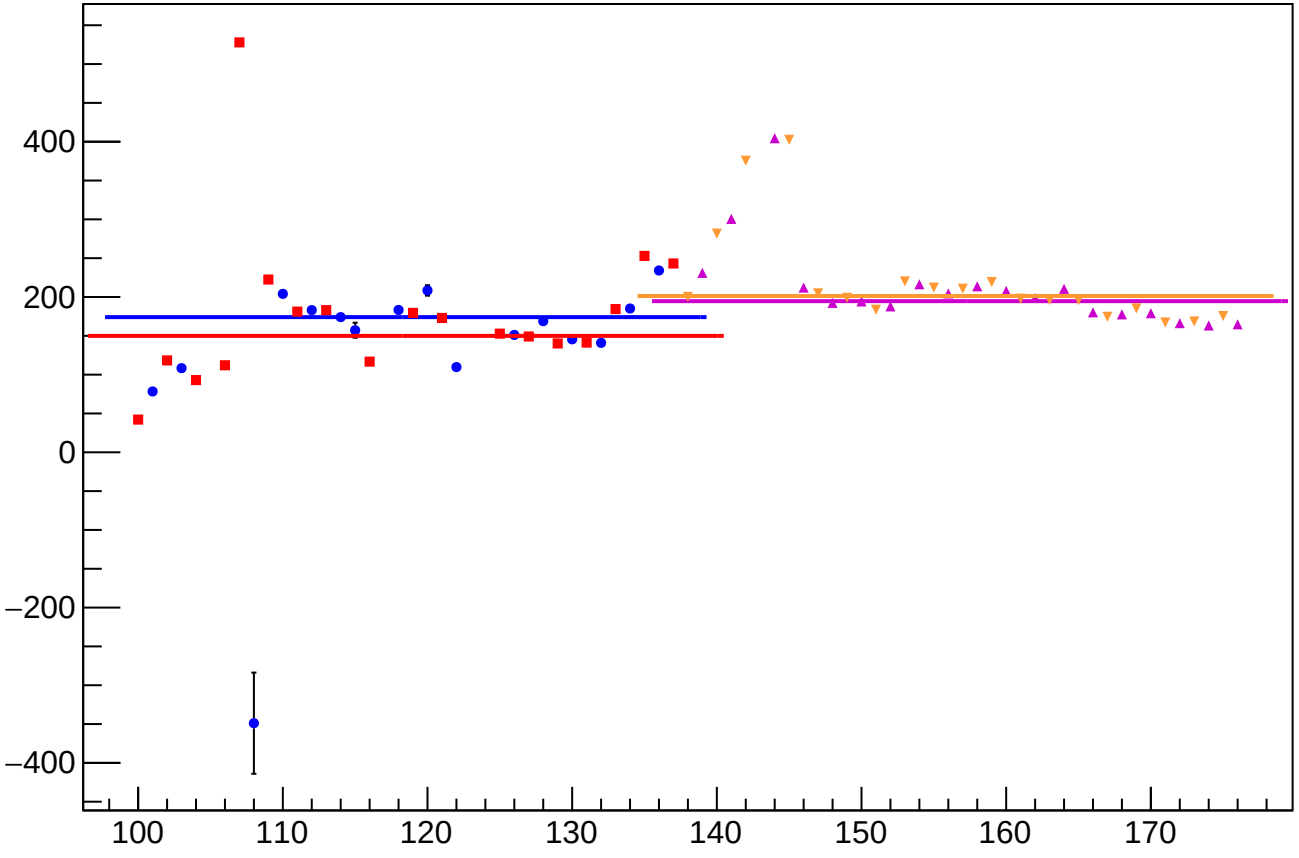
Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:685606.1/34

Out: -226.266+/-0.100 χ^2/NDF:295865.1/36

All: -158.222+/-0.000 χ^2/NDF: 1441842.0/71

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 201.298+/-0.126 χ^2/NDF:59317.8/18

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 194.656+/-0.115 χ^2/NDF:107692.6/18

Left: 197.673+/-0.085 χ^2/NDF: 168532.7/37

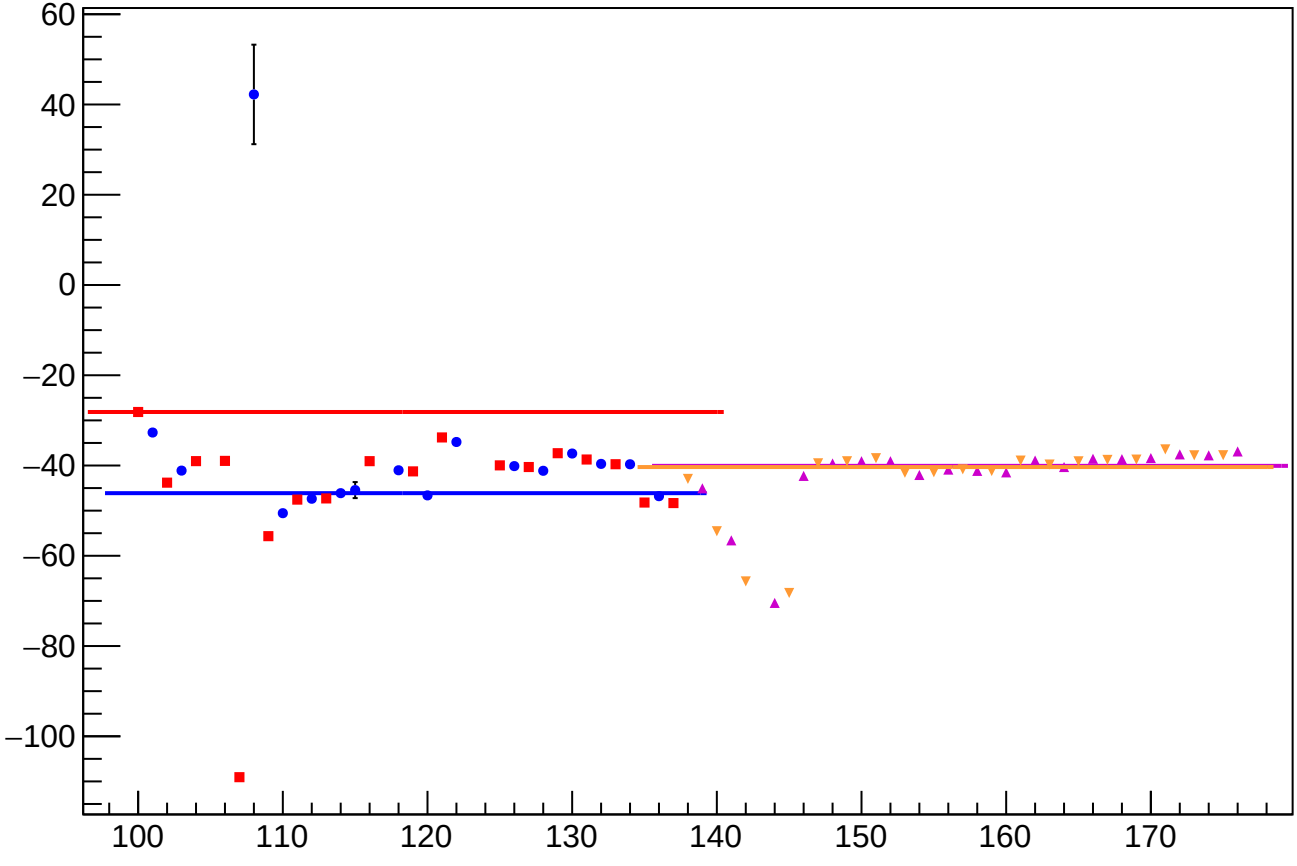
Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:193230.4/34

Out: 186.273+/-0.106 χ^2/NDF:275947.6/36

All: 174.085+/-0.000 χ^2/NDF: 482457.1/71

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -40.341+/-0.007 χ^2/NDF:138069.9/18

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -40.075+/-0.008 χ^2/NDF:196247.1/18

Left: -40.222+/-0.005 χ^2/NDF: 334974.0/37

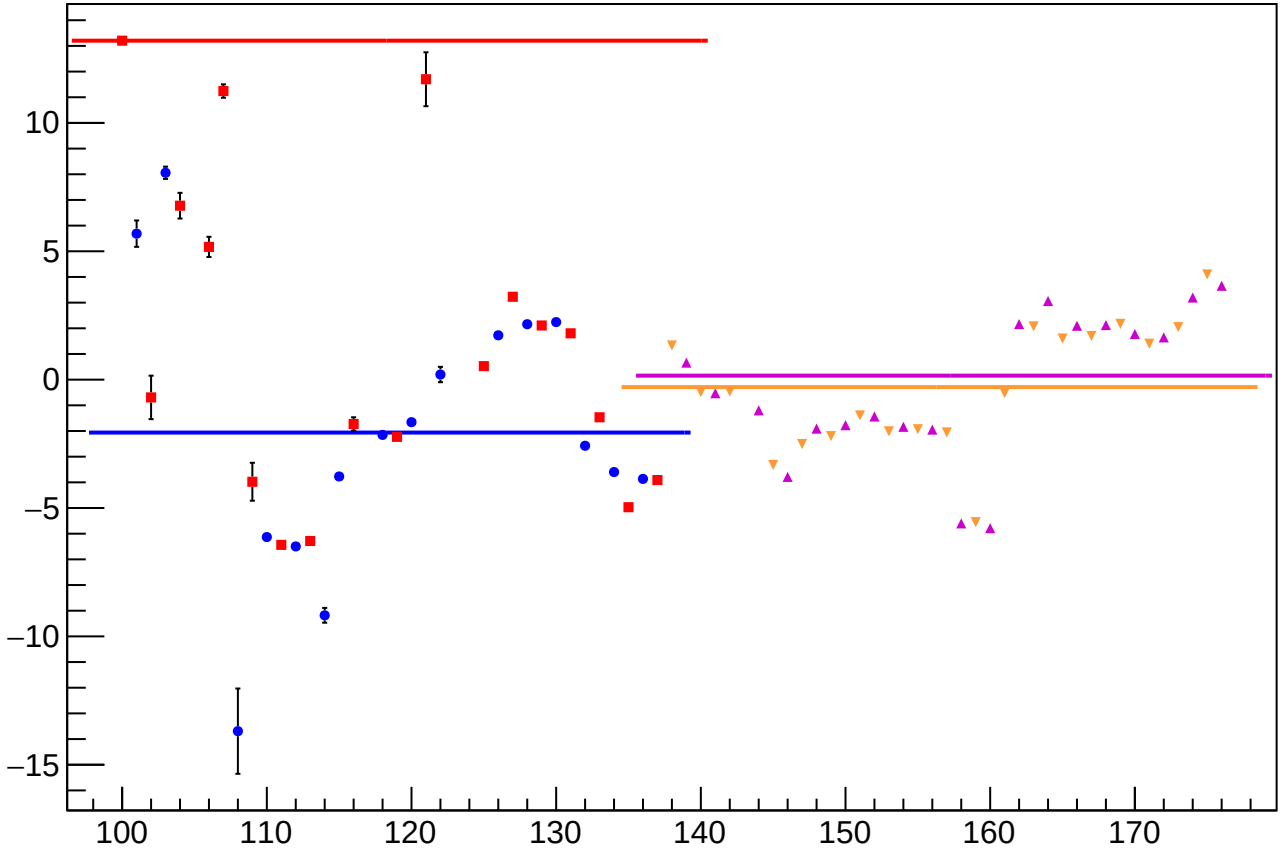
Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:1014083.6/34

Out: -28.139+/-0.000 χ^2/NDF:3961362.4/36

All: -39.778+/-0.000 χ^2/NDF: 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -0.290+/-0.007 χ^2/NDF:150420.9/18

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: 0.156+/-0.005 χ^2/NDF:276067.6/18

Left: -0.009+/-0.004 χ^2/NDF: 429001.5/37

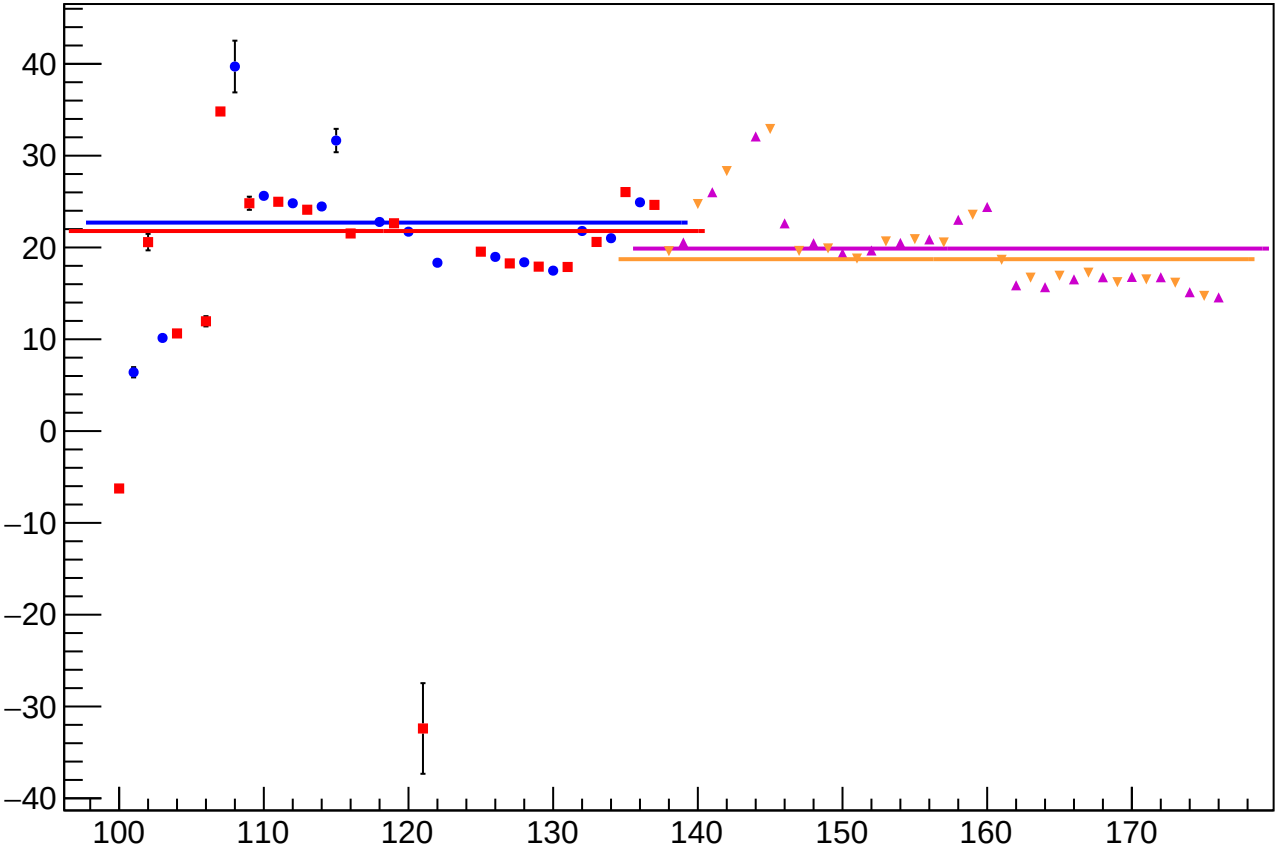
Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: -0.031+/-0.005 χ^2/NDF:315896.8/34

Out: 13.204+/-0.000 χ^2/NDF:4302152.7/36

All: 13.204+/-0.000 χ^2/NDF: 11156998.2/71

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 18.725+/-0.008 χ^2/NDF:104183.1/18

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 19.880+/-0.008 χ^2/NDF:153750.3/18

Left: 19.351+/-0.006 χ^2/NDF: 268416.5/37

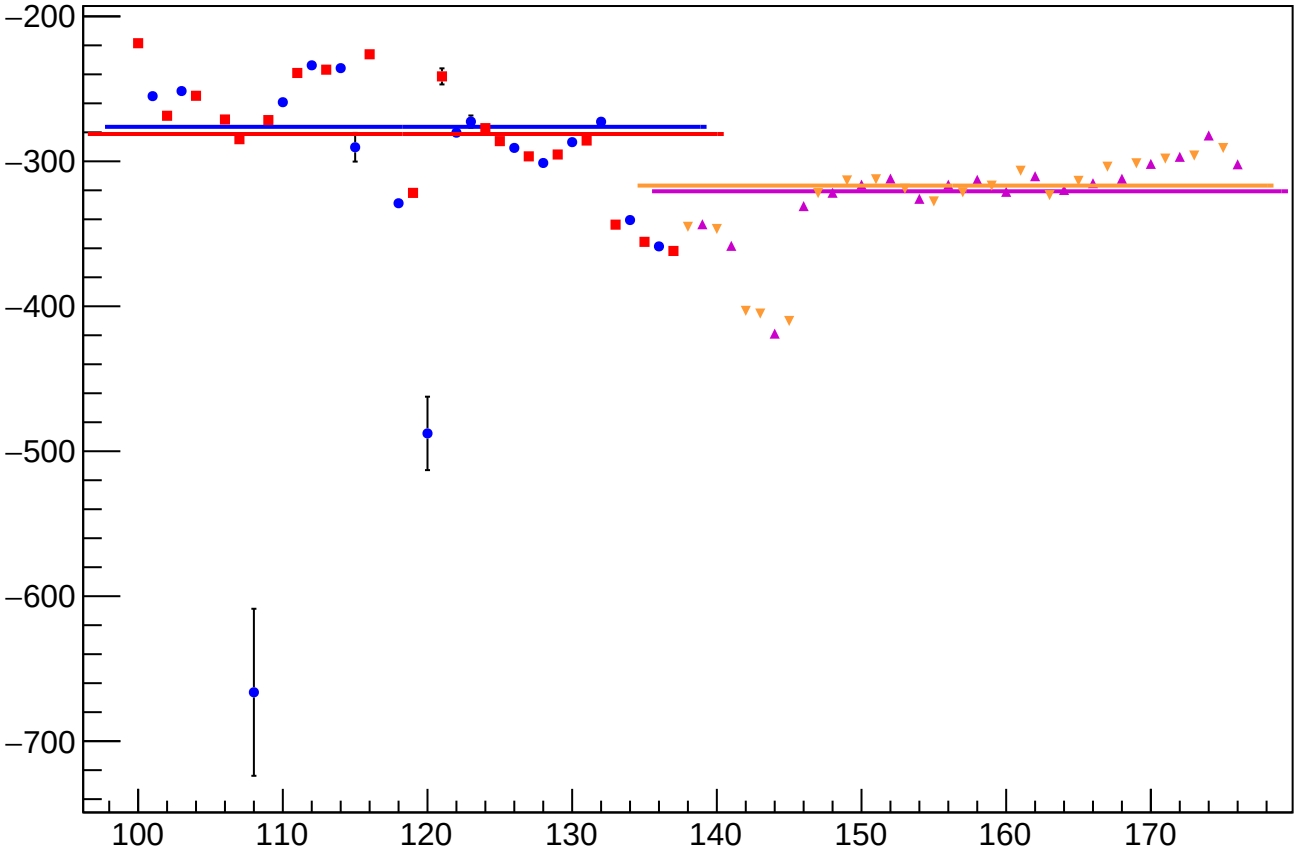
Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 20.282+/-0.007 χ^2/NDF:196067.9/34

Out: 19.122+/-0.008 χ^2/NDF:148515.8/36

All: 19.755+/-0.005 χ^2/NDF: 356818.2/71

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -316.731+/-0.108 χ^2/NDF:47864.2/19

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -320.666+/-0.103 χ^2/NDF:55091.8/18

Left: -318.793+/-0.074 χ^2/NDF: 103653.2/38

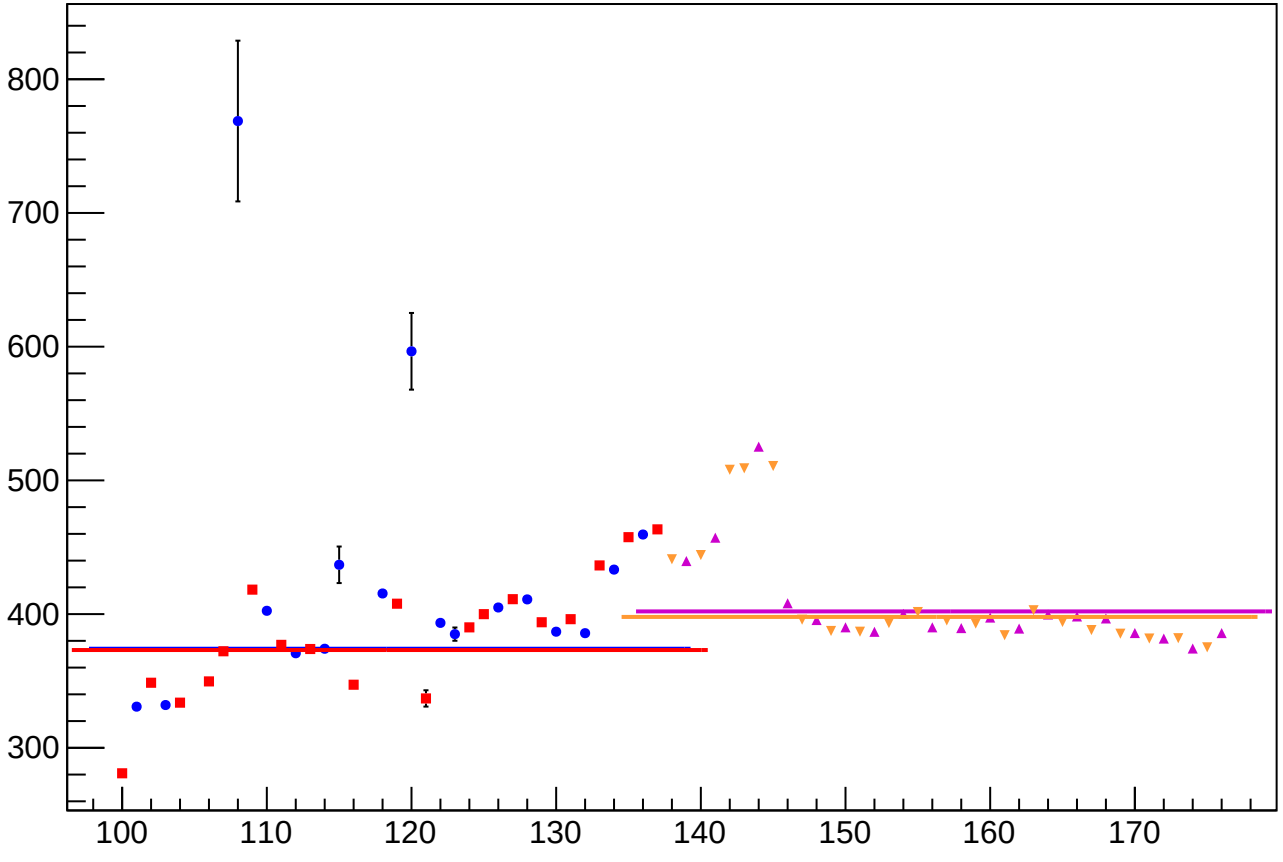
Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -308.396+/-0.087 χ^2/NDF:164797.8/35

Out: -304.334+/-0.087 χ^2/NDF:163363.5/38

All: -306.356+/-0.062 χ^2/NDF: 329244.1/74

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 397.888+/-0.109 χ^2/NDF:64482.1/19

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 402.018+/-0.105 χ^2/NDF:72183.4/18

Left: 400.034+/-0.075 χ^2/NDF: 137415.4/38

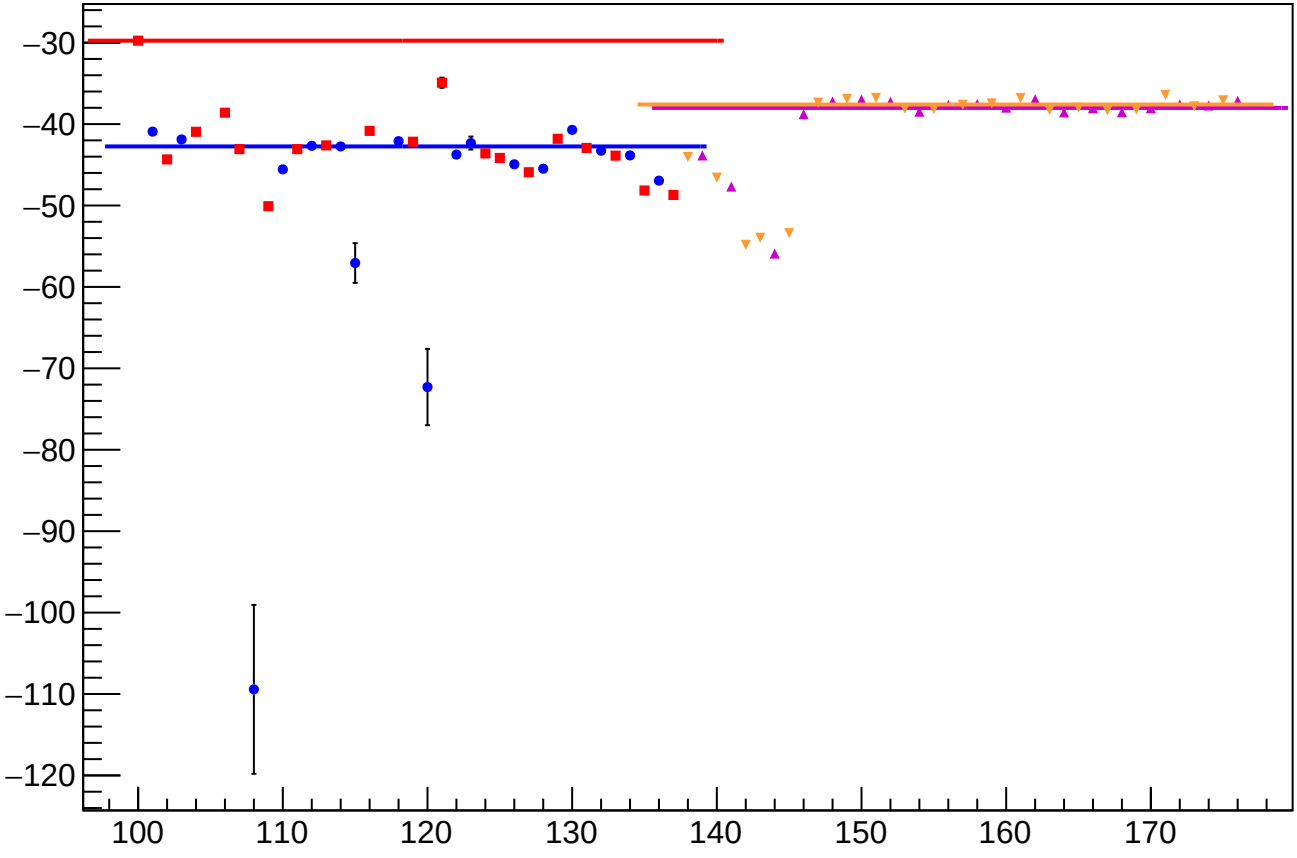
Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:178618.4/35

Out: 389.931+/-0.090 χ^2/NDF:189367.9/38

All: 374.094+/-0.000 χ^2/NDF: 399261.4/74

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.595+/-0.004 χ^2/NDF:263591.2/19

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -38.015+/-0.004 χ^2/NDF:151224.1/18

Left: -37.787+/-0.003 χ^2/NDF: 419720.0/38

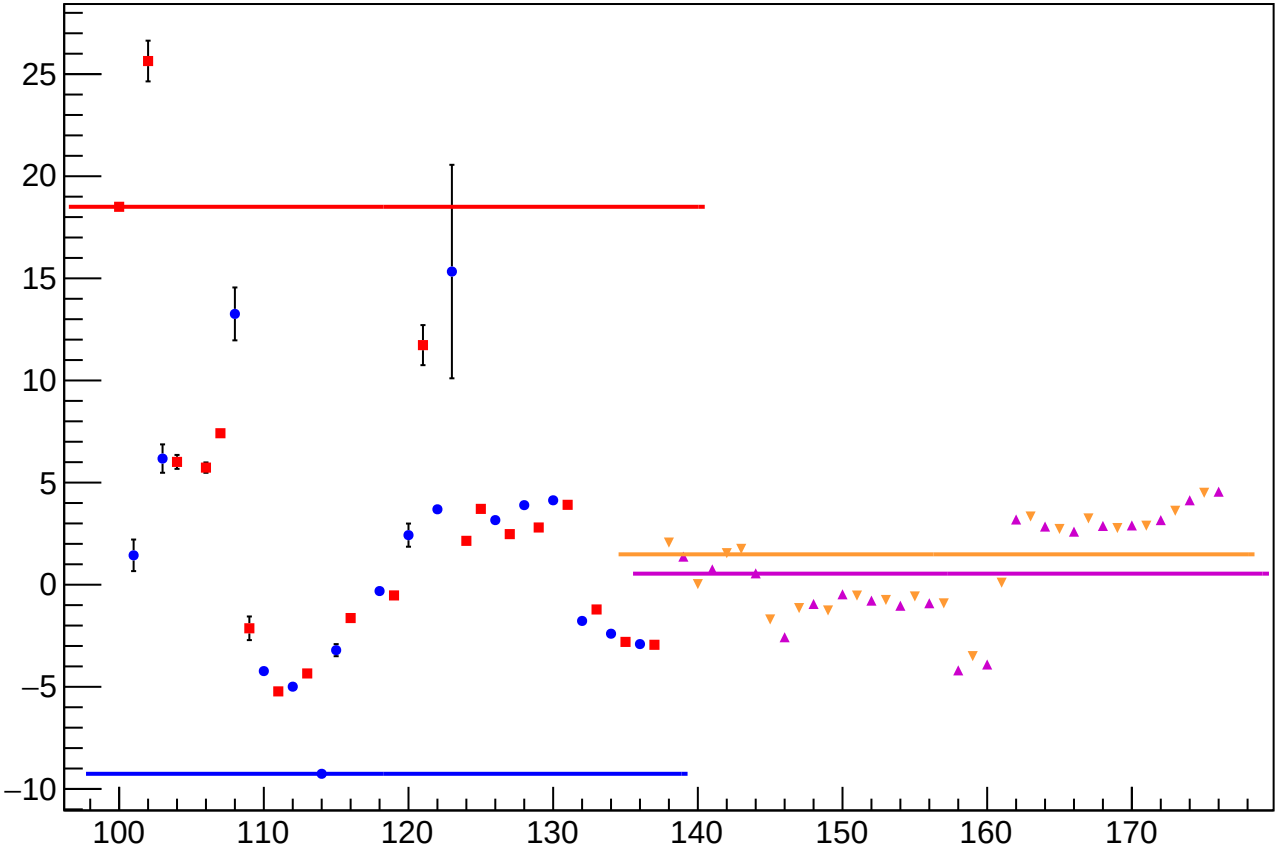
Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:1310264.4/35

Out: -29.754+/-0.000 χ^2/NDF:4477613.1/38

All: -38.159+/-0.000 χ^2/NDF: 129765212680

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 1.488+/-0.005 χ^2/NDF:193135.7/19

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: 0.541+/-0.006 χ^2/NDF:187845.7/18

Left: 1.068+/-0.004 χ^2/NDF: 394708.0/38

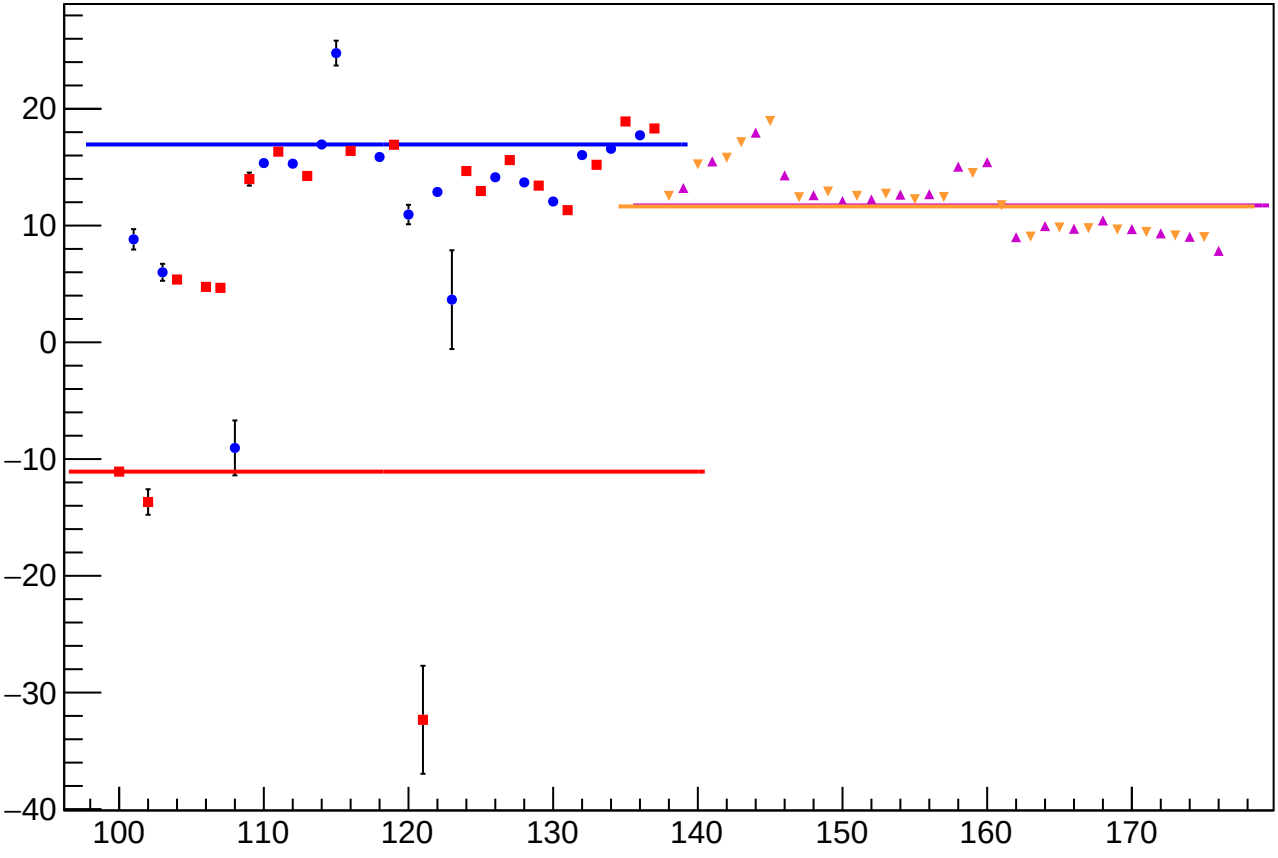
Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:3239989.2/35

Out: 18.504+/-0.000 χ^2/NDF:17560948.4/38

All: 6.039+/-0.000 χ^2/NDF: 16450574505955

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947+/-0.000 χ^2/NDF: 11231.8/16

Left Out: 11.641+/-0.008 χ^2/NDF:73314.0/19

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 11.728+/-0.008 χ^2/NDF:73014.6/18

Left: 11.680+/-0.006 χ^2/NDF: 146387.6/38

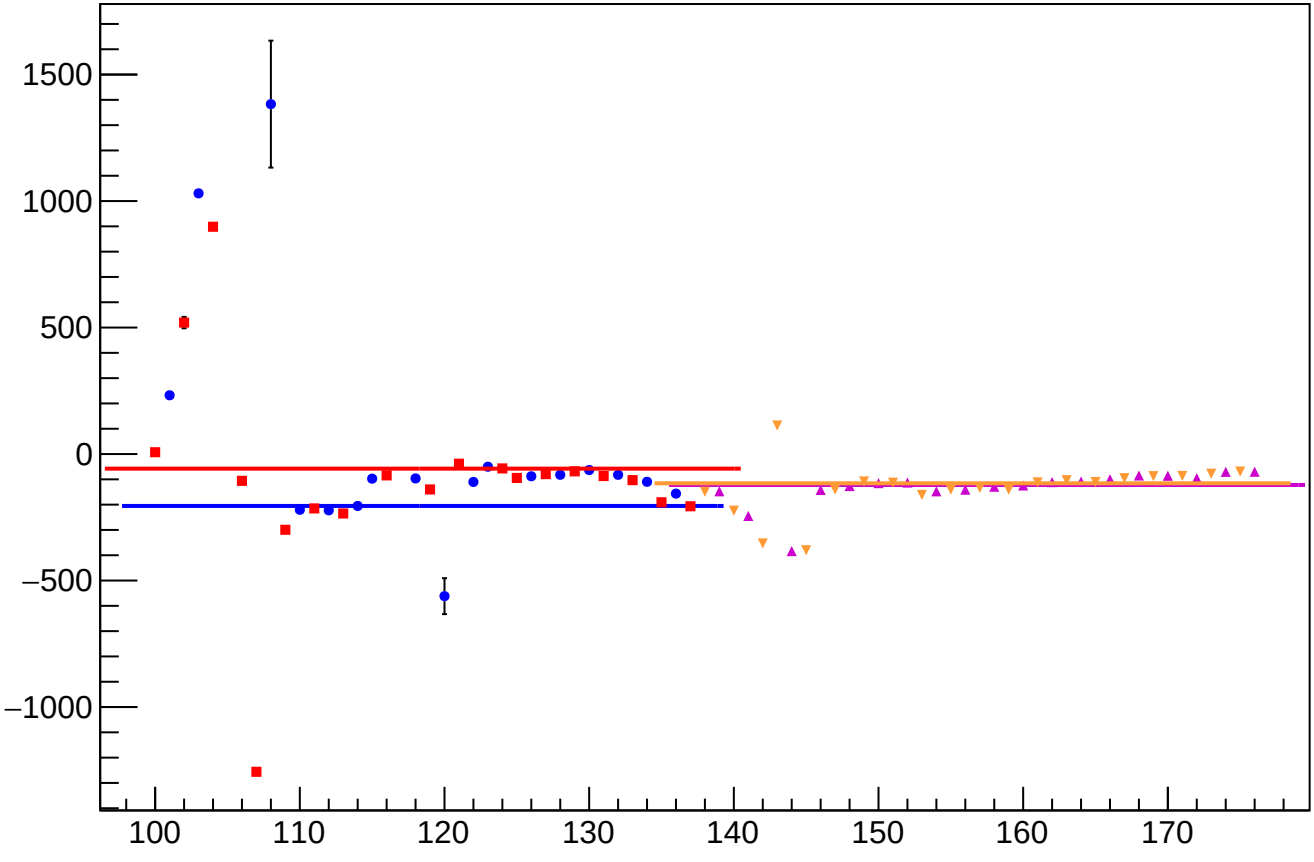
Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:473865.1/35

Out: -11.075+/-0.000 χ^2/NDF:11692018.7/38

All: -2.268+/-0.000 χ^2/NDF: 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF: 582775.6/16

Left Out: -115.660+/-0.207 χ^2/NDF:55634.8/19

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -122.206+/-0.238 χ^2/NDF:60996.1/18

Left: -118.488+/-0.156 χ^2/NDF: 117061.6/38

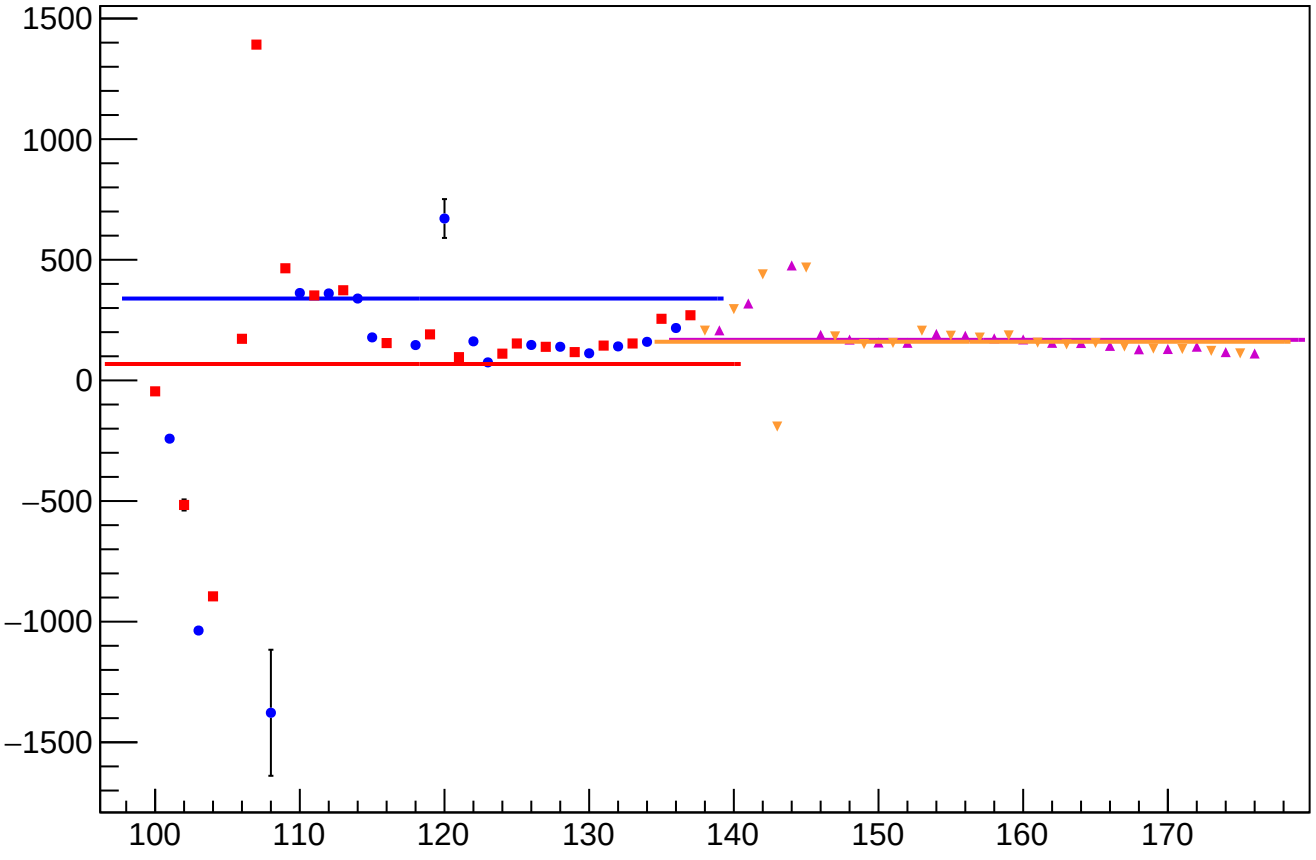
Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:765526.4/35

Out: -95.444+/-0.167 χ^2/NDF:197756.0/38

All: -205.160+/-0.000 χ^2/NDF: 1393261.0/74

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 160.174+/-0.212 χ^2/NDF:89969.6/19

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 168.166+/-0.243 χ^2/NDF:66682.8/18

Left: 163.629+/-0.160 χ^2/NDF: 157267.1/38

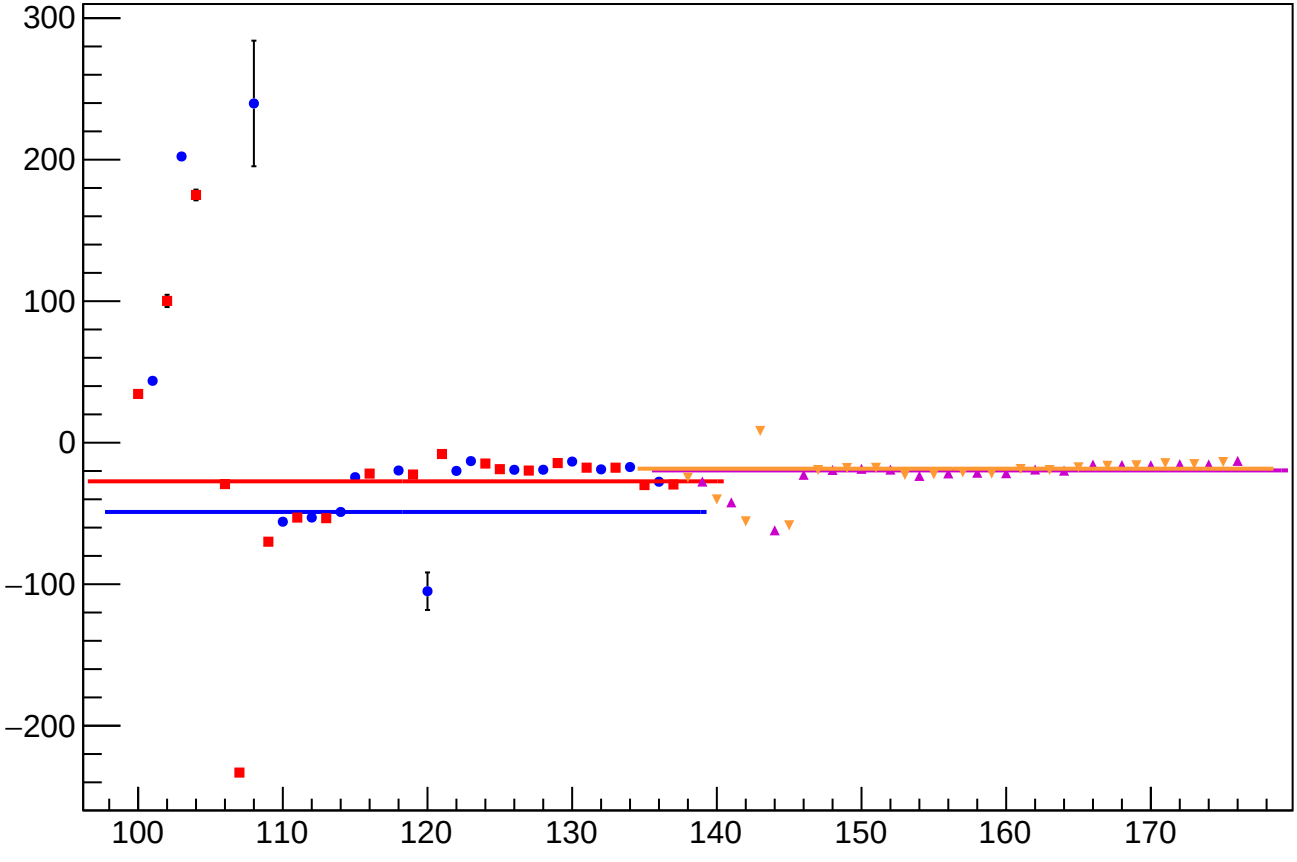
Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1593921.4/35

Out: 127.515+/-0.170 χ^2/NDF:429284.7/38

All: 339.325+/-0.000 χ^2/NDF: 3569927.1/74

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -18.356+/-0.011 χ^2/NDF:588294.9/19

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -19.588+/-0.014 χ^2/NDF:169907.1/18

Left: -18.846+/-0.009 χ^2/NDF: 762906.1/38

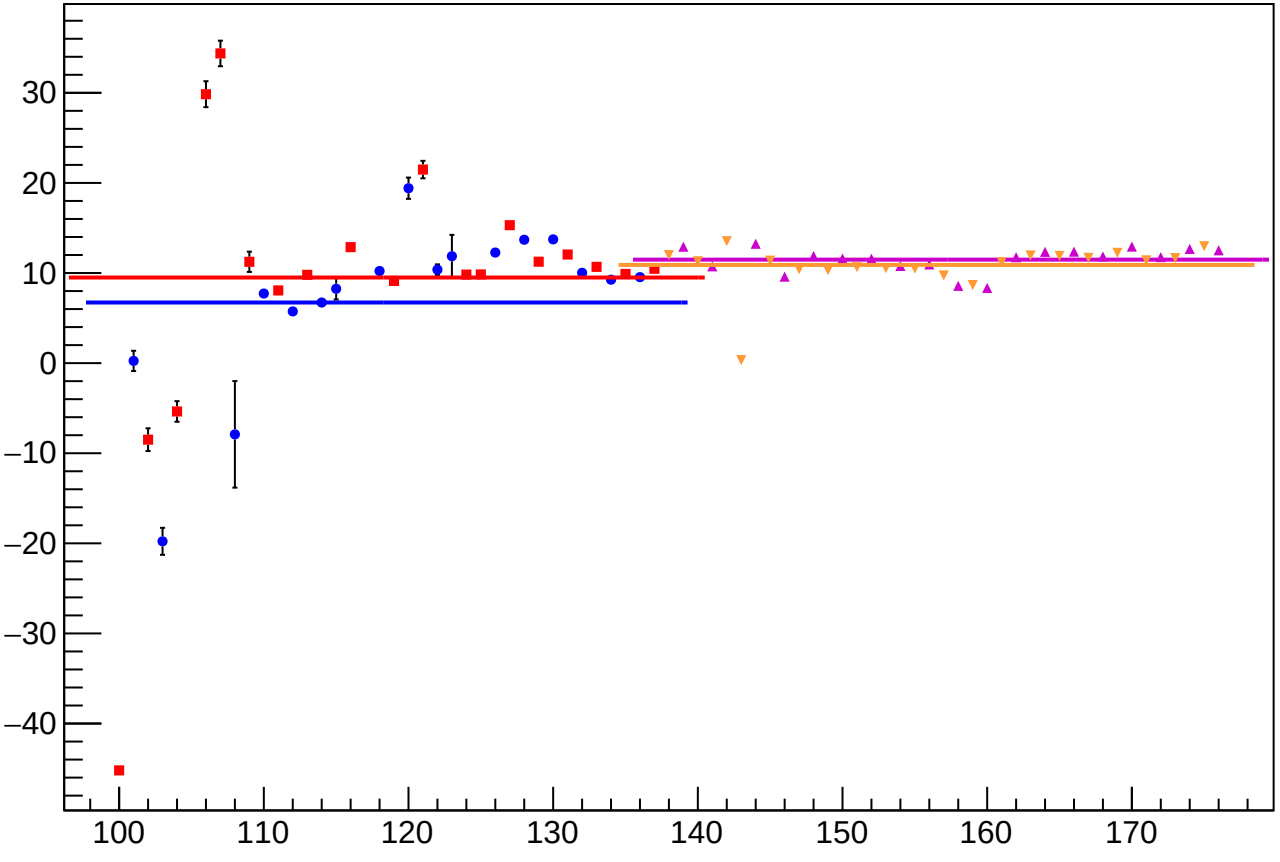
Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:10016698.6/35

Out: -18.766+/-0.011 χ^2/NDF:784758.0/38

All: -48.945+/-0.000 χ^2/NDF: 18238087.5/74

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 10.899+/-0.014 χ^2/NDF:27766.3/19

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 11.486+/-0.011 χ^2/NDF:14235.7/18

Left: 11.255+/-0.009 χ^2/NDF: 43085.6/38

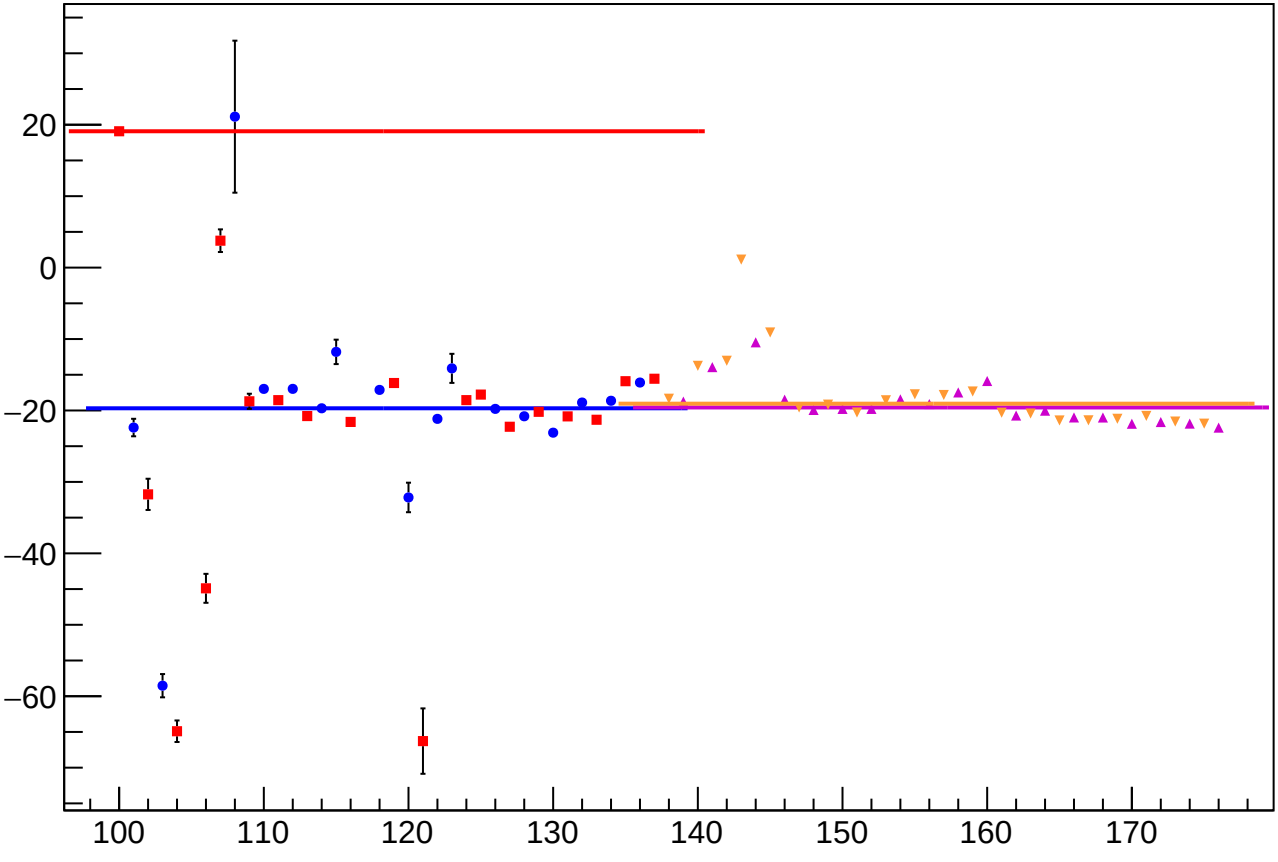
Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:209266.5/35

Out: 10.714+/-0.013 χ^2/NDF:55923.3/38

All: 6.728+/-0.000 χ^2/NDF: 359948.3/74

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -19.049+/-0.016 χ^2/NDF:52986.3/19

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -19.579+/-0.016 χ^2/NDF:17241.0/18

Left: -19.314+/-0.011 χ^2/NDF: 70765.8/38

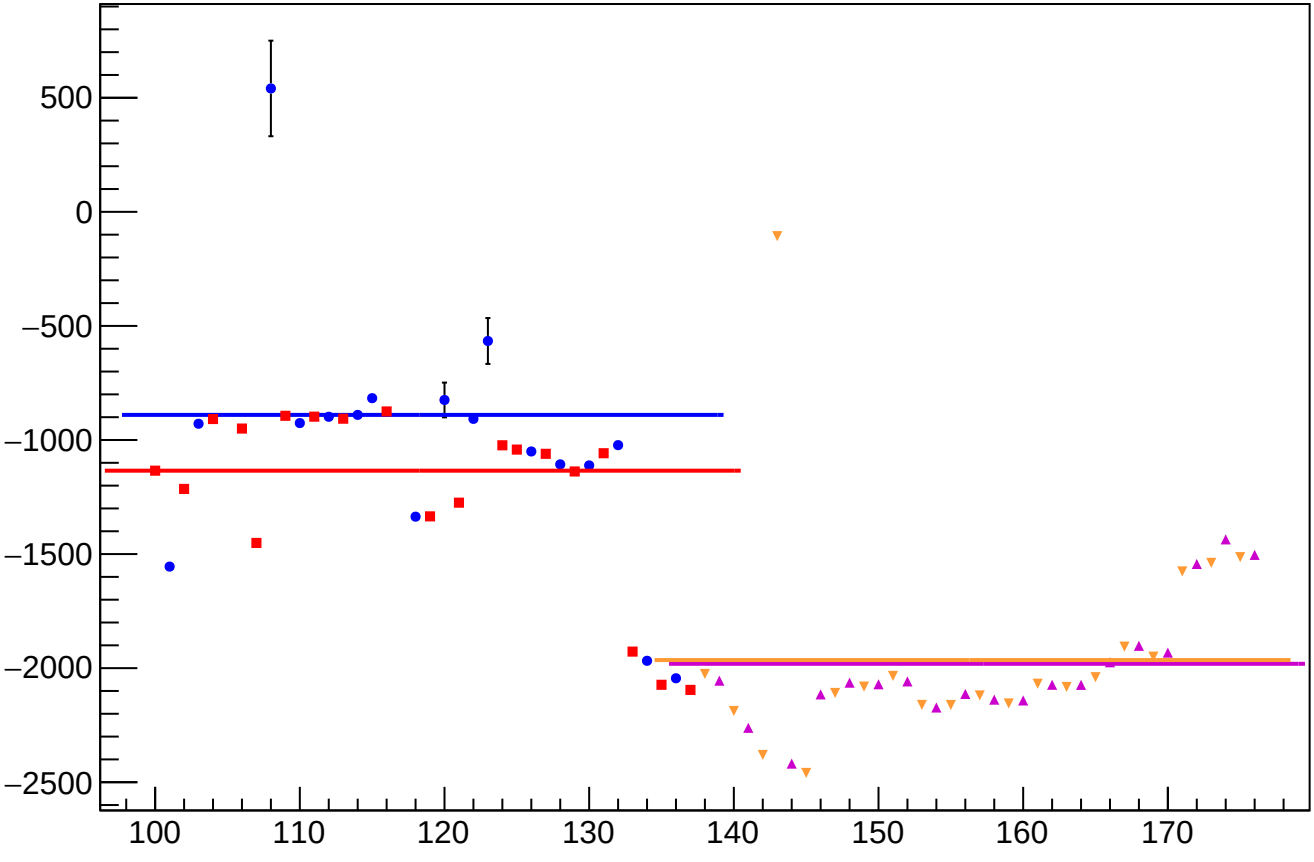
Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:24870.2/35

Out: 19.086+/-0.000 χ^2/NDF:6237630.4/38

All: -6.006+/-0.000 χ^2/NDF: 4625637731292

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF: 775896.0/16

Left Out: -1964.538+/-0.384 χ^2/NDF:560153.6/19

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -1980.905+/-0.397 χ^2/NDF:421502.9/18

Left: -1972.464+/-0.276 χ^2/NDF: 982534.3/38

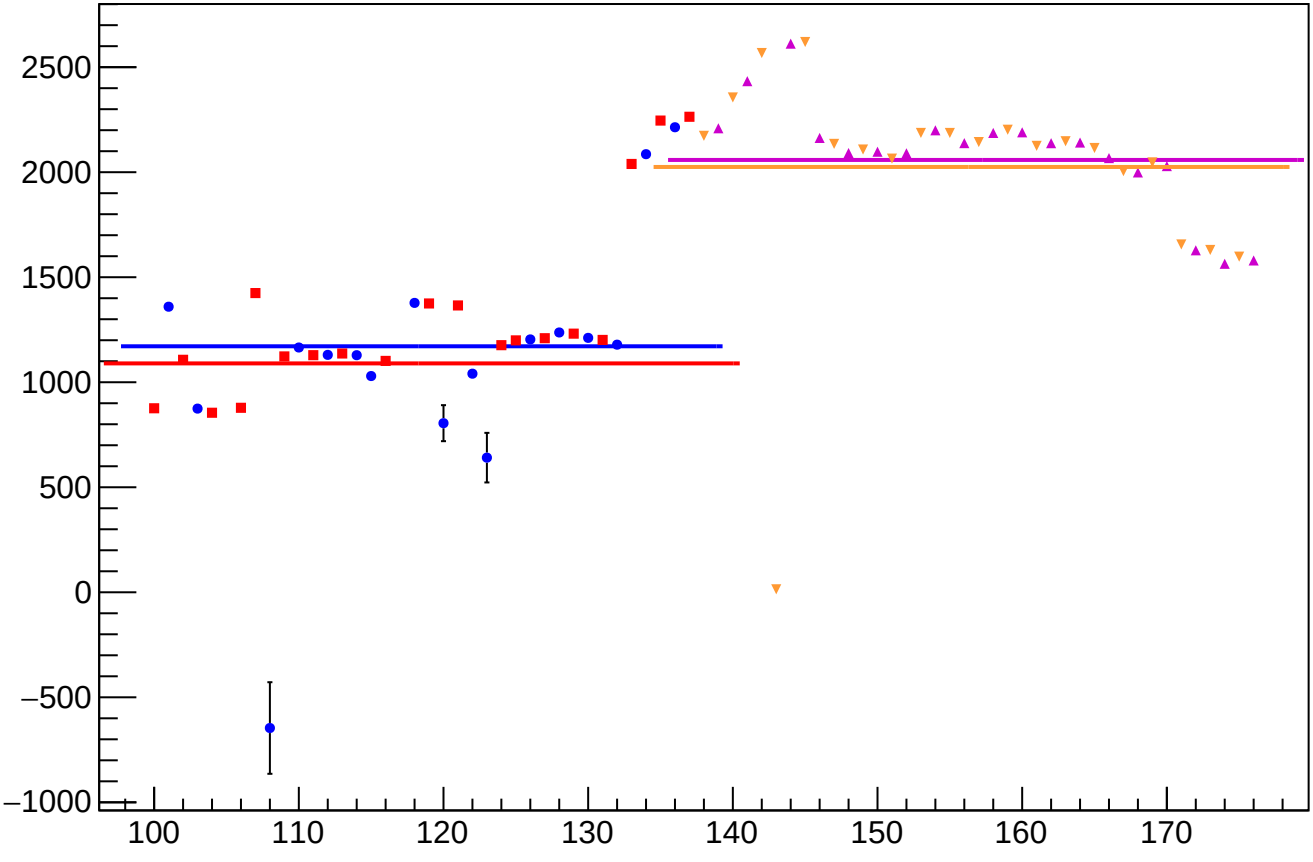
Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:8758978.7/35

Out: -1134.421+/-0.000 χ^2/NDF:5956450.1/38

All: -976.220+/-0.000 χ^2/NDF: 44889787387

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2024.948+/-0.383 χ^2/NDF:566299.1/19

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2058.369+/-0.401 χ^2/NDF:365246.4/18

Left: 2040.859+/-0.277 χ^2/NDF: 935179.6/38

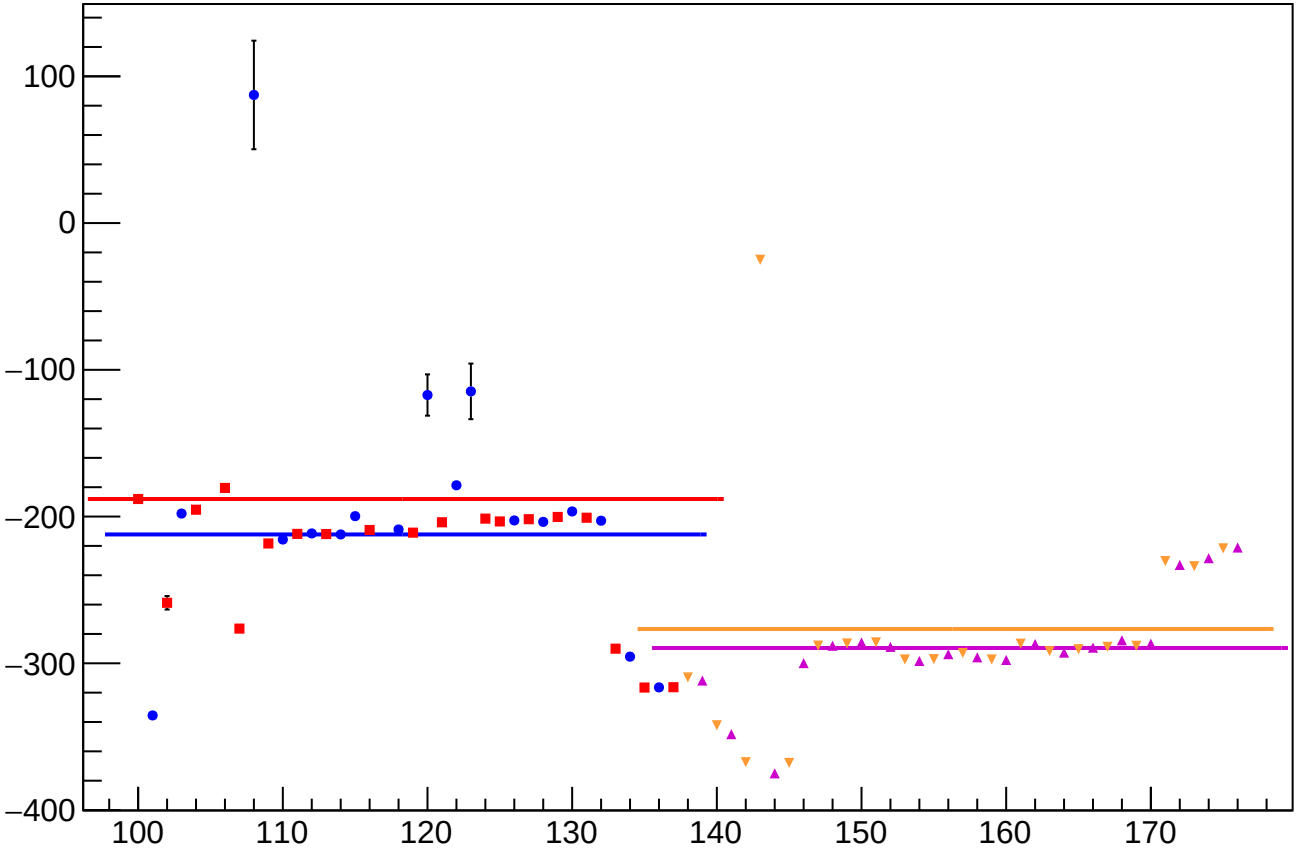
Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1412.625+/-0.209 χ^2/NDF:4431872.6/35

Out: 1375.001+/-0.211 χ^2/NDF:5820492.4/38

All: 1393.986+/-0.149 χ^2/NDF: 10268367.0/7

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -276.616+/-0.024 χ^2/NDF:6150209.4/19

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -289.561+/-0.023 χ^2/NDF:955064.0/18

Left: -283.177+/-0.017 χ^2/NDF: 7257003.6/38

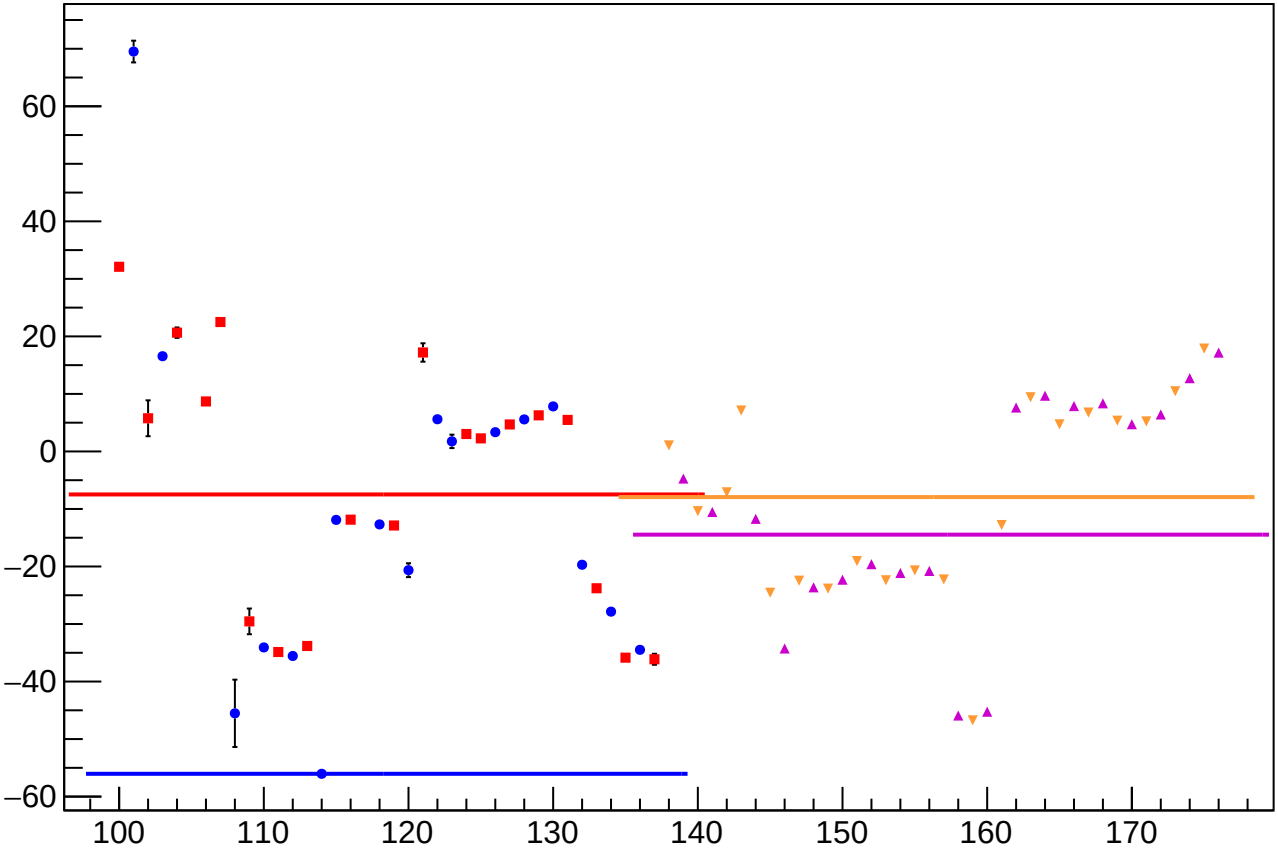
Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:13095535.3/35

Out: -188.033+/-0.000 χ^2/NDF:20771000.0/38

All: -195.625+/-0.000 χ^2/NDF: 13622303625

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037+/-0.000 χ^2/NDF: 1585420.7/16

Left Out: -7.932+/-0.019 χ^2/NDF:1042165.1/19

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -14.464+/-0.020 χ^2/NDF:1314875.7/18

Left: -11.087+/-0.014 χ^2/NDF: 2412662.8/38

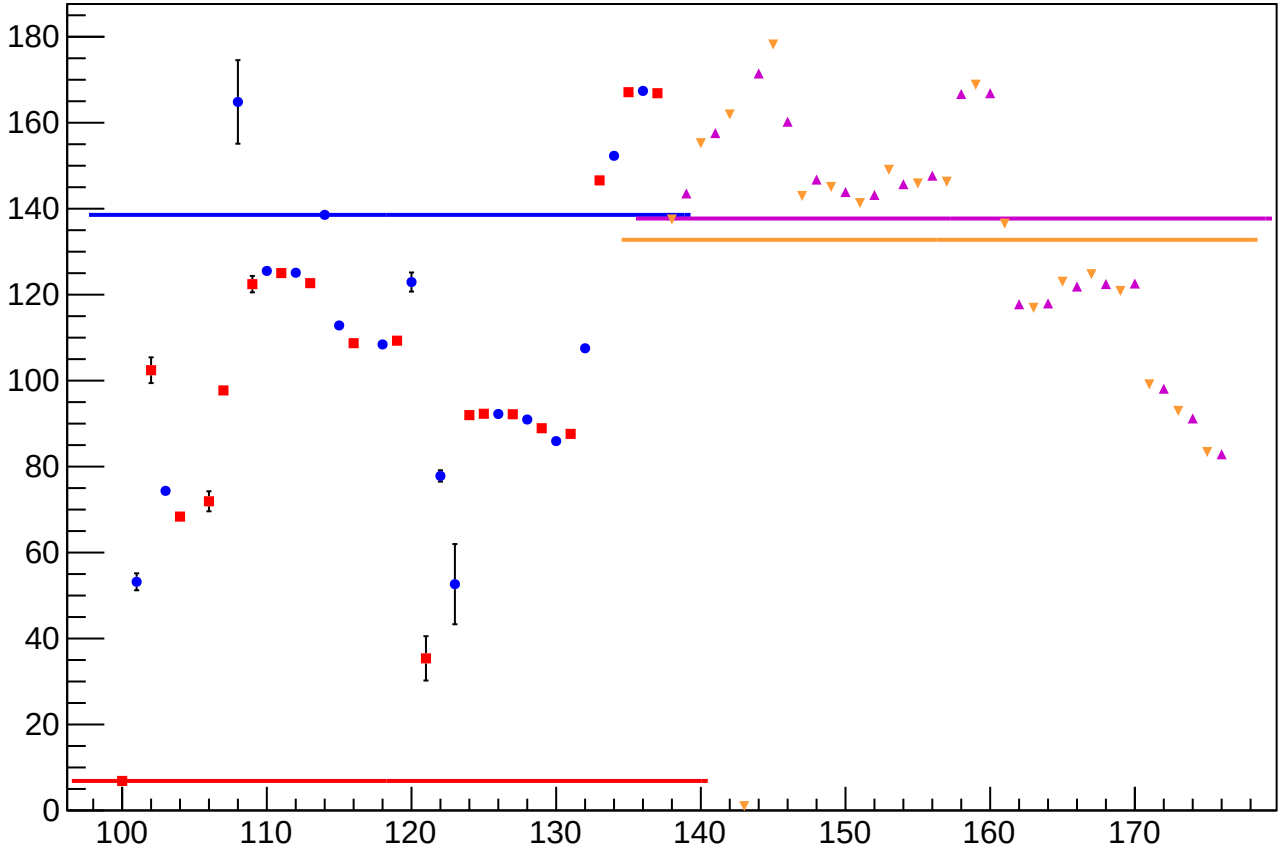
Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:7259600.5/35

Out: -7.854+/-0.018 χ^2/NDF:1216155.7/38

All: -56.037+/-0.000 χ^2/NDF: 16047495.9/74

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 132.766+/-0.027 χ^2/NDF:842693.3/19

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 137.713+/-0.029 χ^2/NDF:605675.1/18

Left: 135.095+/-0.020 χ^2/NDF: 1463822.9/38

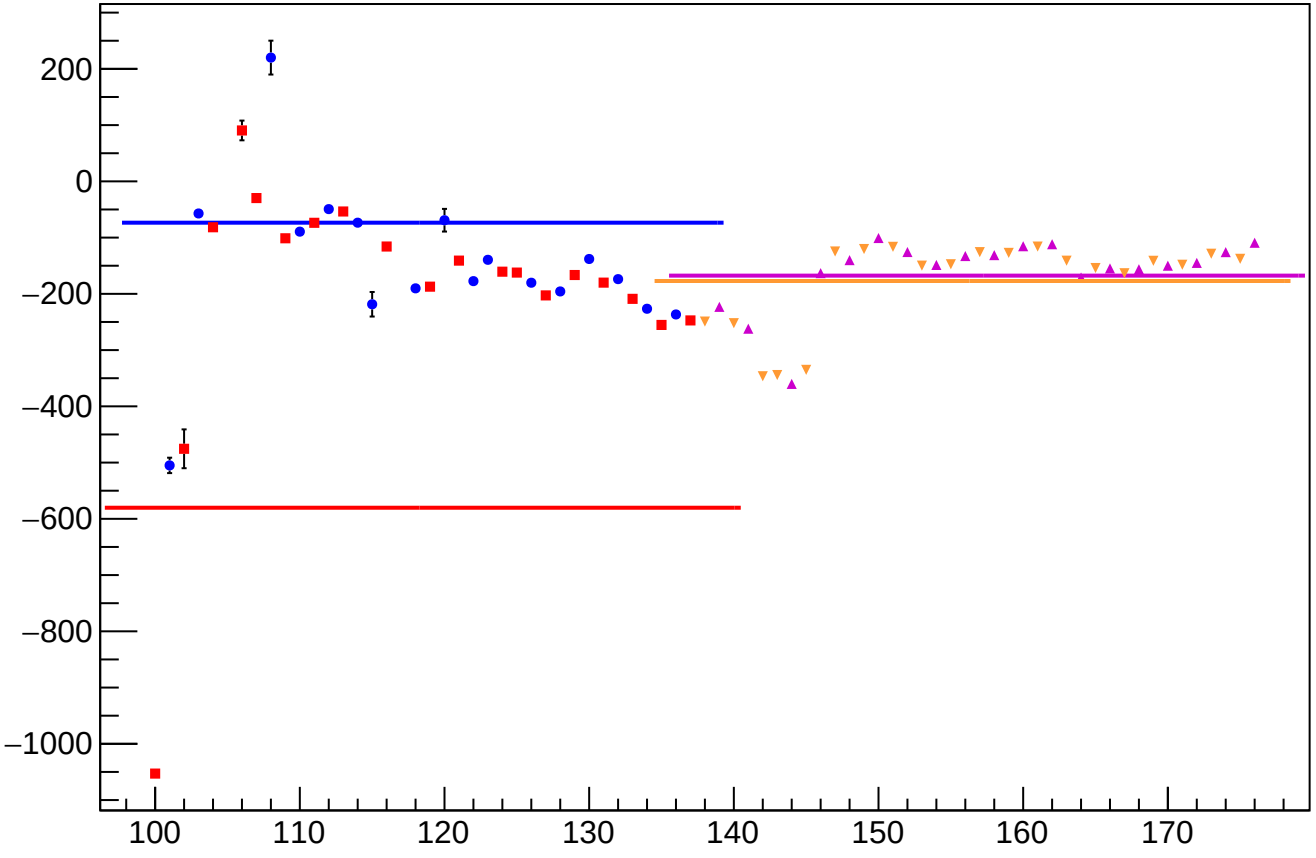
Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:1507702.6/35

Out: 6.866+/-0.000 χ^2/NDF:30146888.5/38

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF: 98703.2/16

Left Out: -177.148+/-0.259 χ^2/NDF:72491.0/19

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -167.602+/-0.265 χ^2/NDF:68420.4/18

Left: -172.490+/-0.185 χ^2/NDF: 141576.2/38

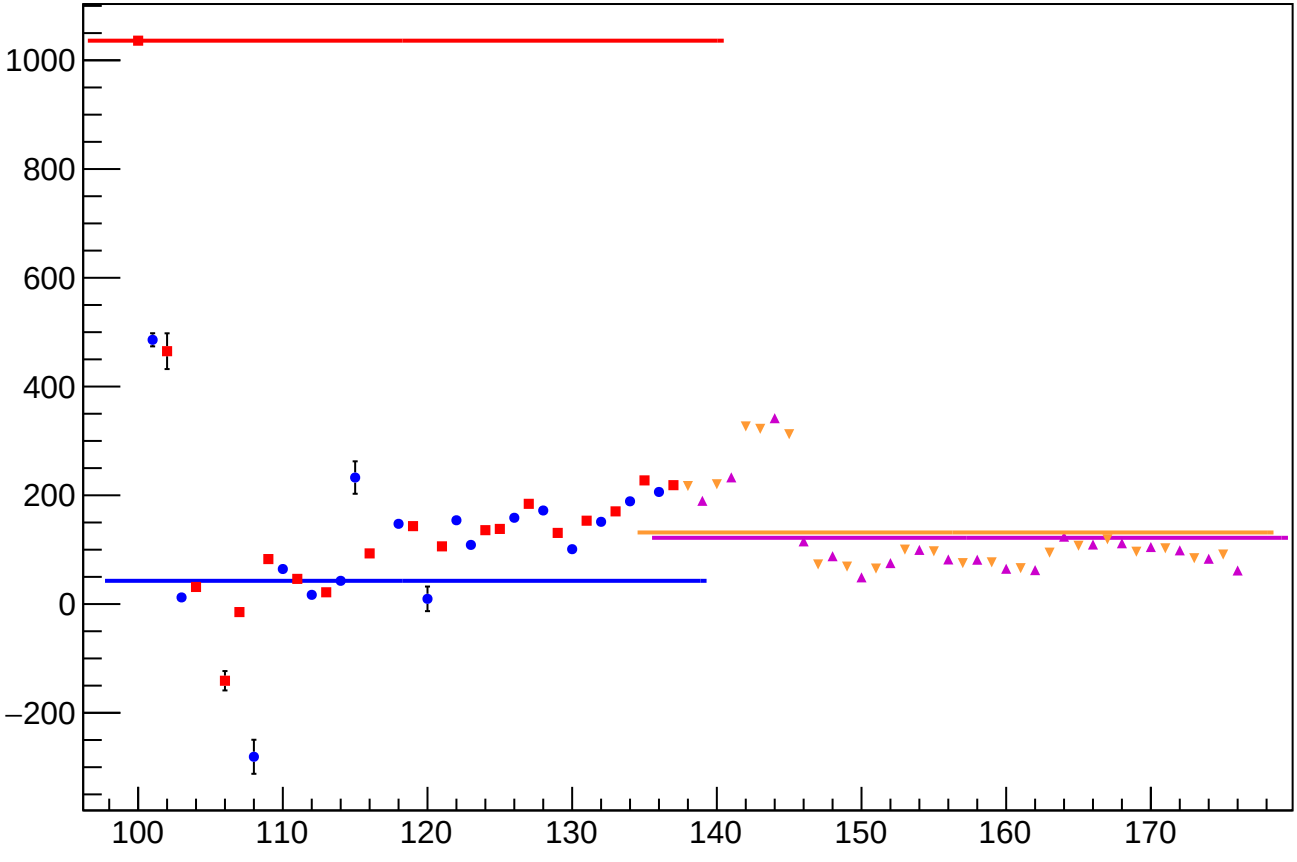
Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:293302.8/35

Out: -376.908+/-0.184 χ^2/NDF:4308008.3/38

All: -73.485+/-0.000 χ^2/NDF: 7329846.2/74

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 131.656+/-0.264 χ^2/NDF:86511.0/19

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 121.848+/-0.272 χ^2/NDF:76635.3/18

Left: 126.905+/-0.189 χ^2/NDF: 163817.3/38

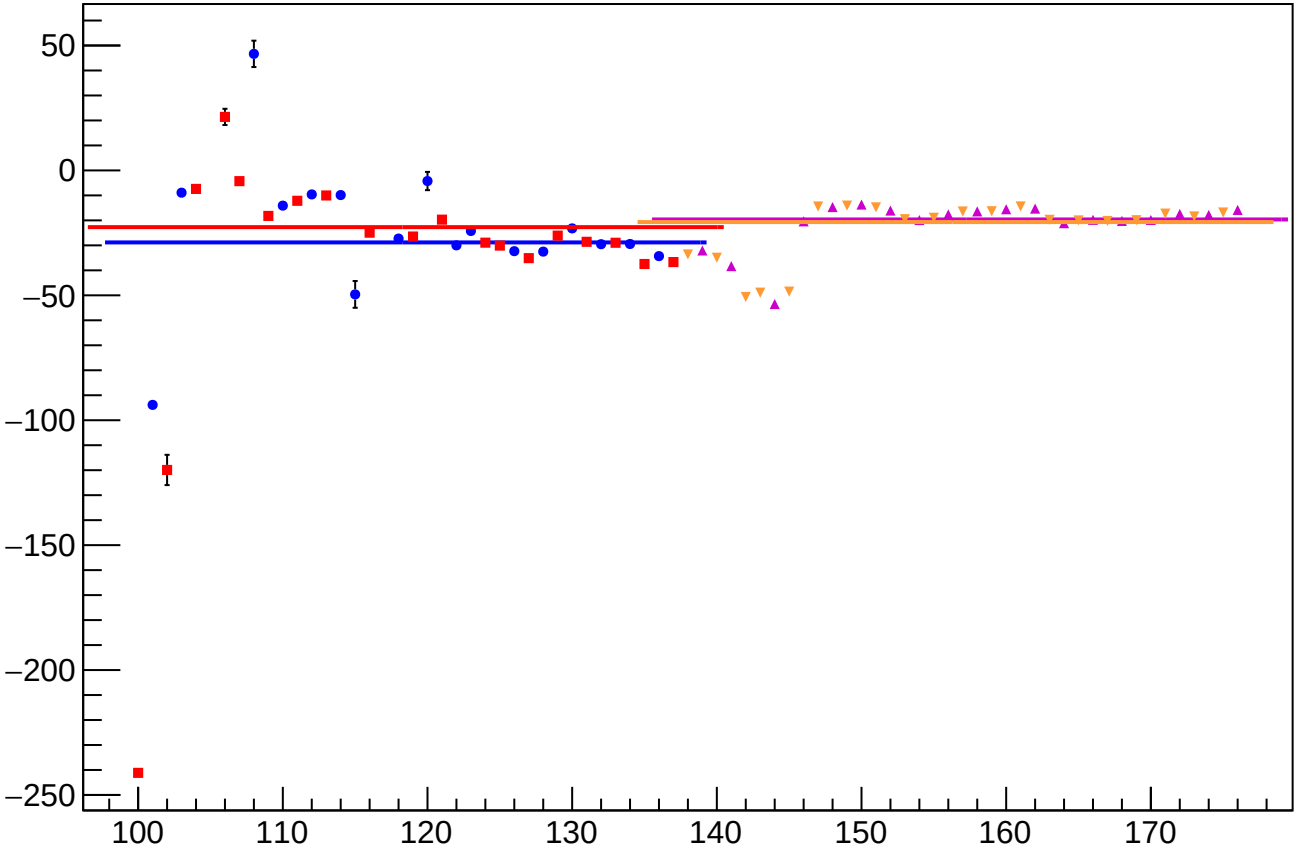
Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:245891.7/35

Out: 1036.068+/-0.000 χ^2/NDF:16799771.9/38

All: 43.272+/-0.000 χ^2/NDF: 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -20.674+/-0.014 χ^2/NDF:352568.8/19

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -19.630+/-0.015 χ^2/NDF:204641.3/18

Left: -20.209+/-0.010 χ^2/NDF: 559822.2/38

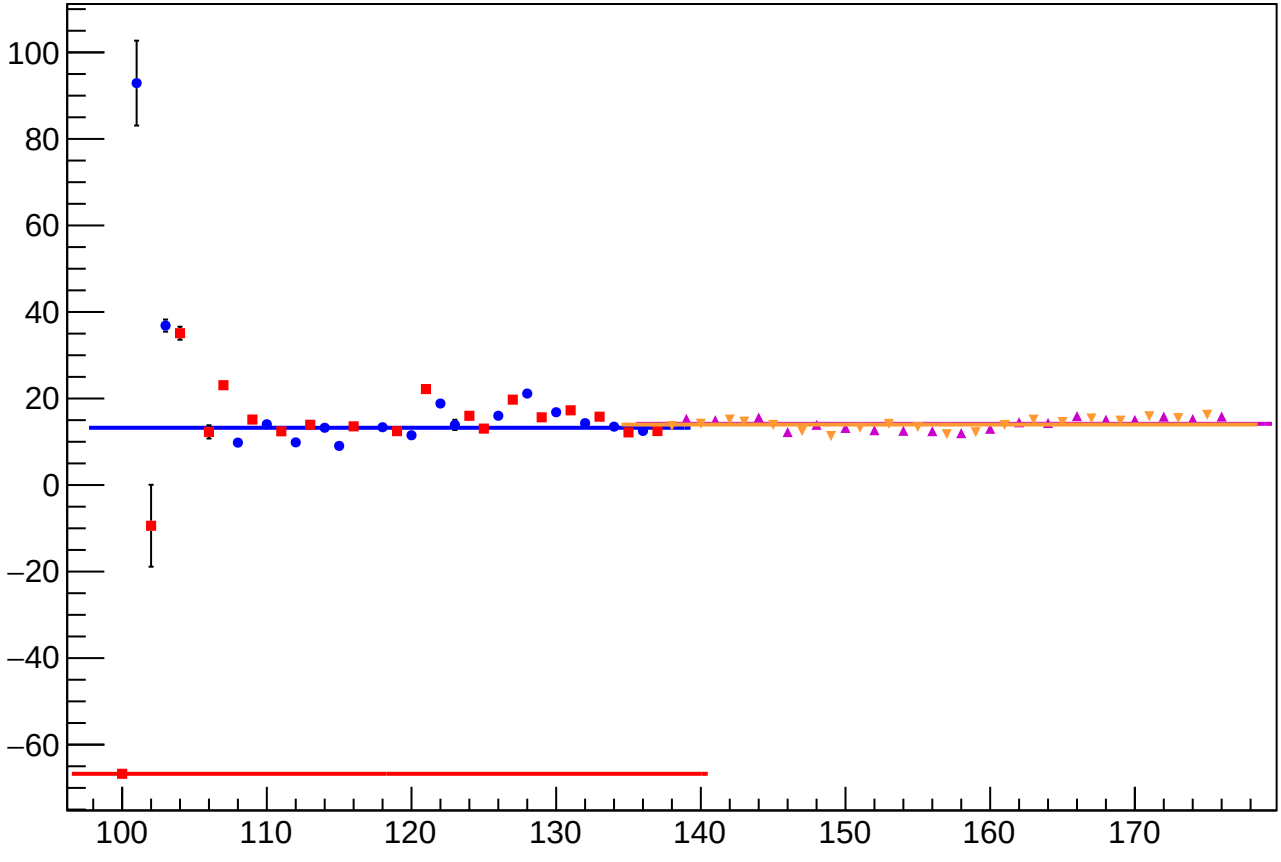
Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -21.109+/-0.014 χ^2/NDF:312894.1/35

Out: -20.905+/-0.013 χ^2/NDF:765268.8/38

All: -20.999+/-0.009 χ^2/NDF: 1078279.1/74

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.984+/-0.013 χ^2/NDF:9052.4/19

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 14.149+/-0.013 χ^2/NDF:10153.8/18

Left: 14.066+/-0.009 χ^2/NDF: 19286.5/38

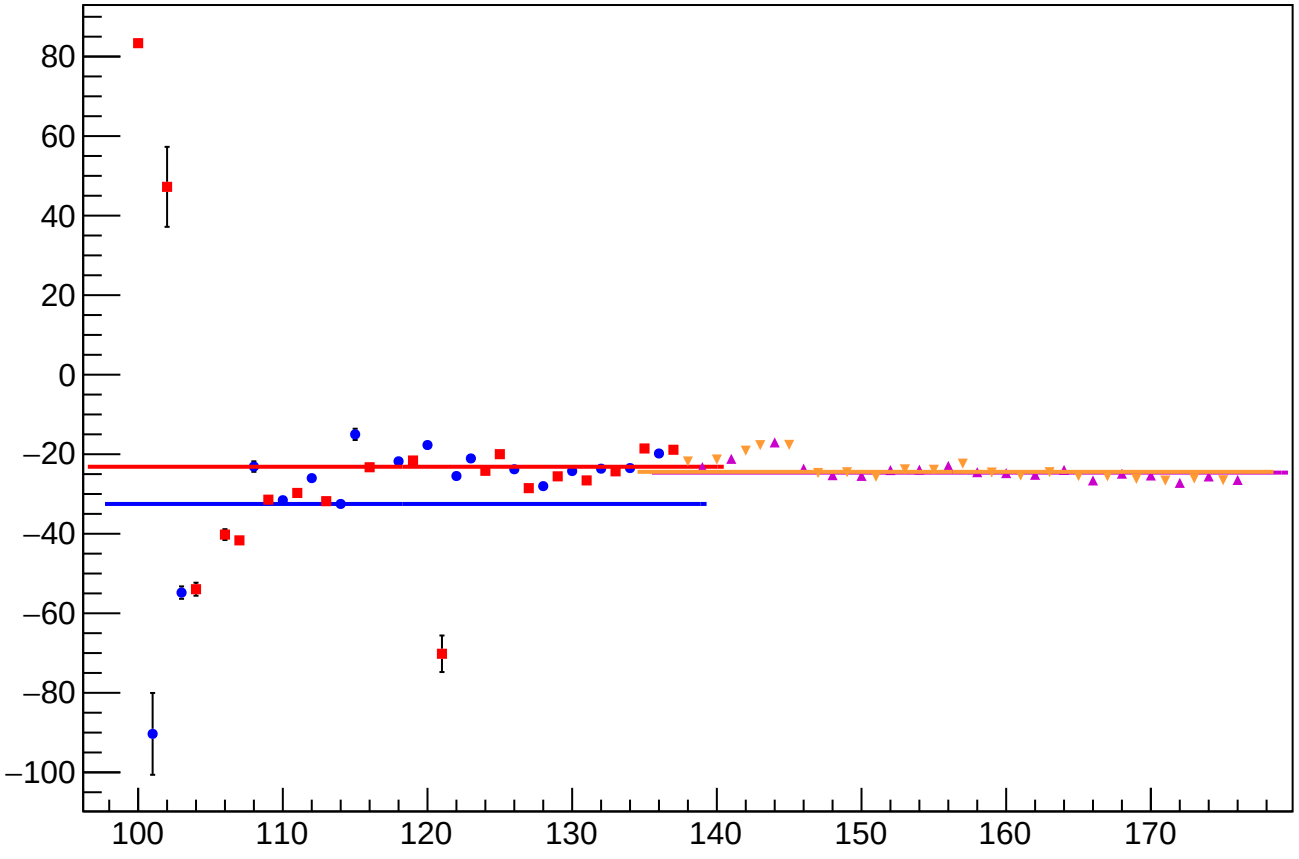
Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:20774.0/35

Out: -66.739+/-0.000 χ^2/NDF:41292470.4/38

All: 12.562+/-0.000 χ^2/NDF: 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -24.428+/-0.017 χ^2/NDF:20417.4/19

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -24.622+/-0.017 χ^2/NDF:10284.3/18

Left: -24.526+/-0.012 χ^2/NDF: 30769.6/38

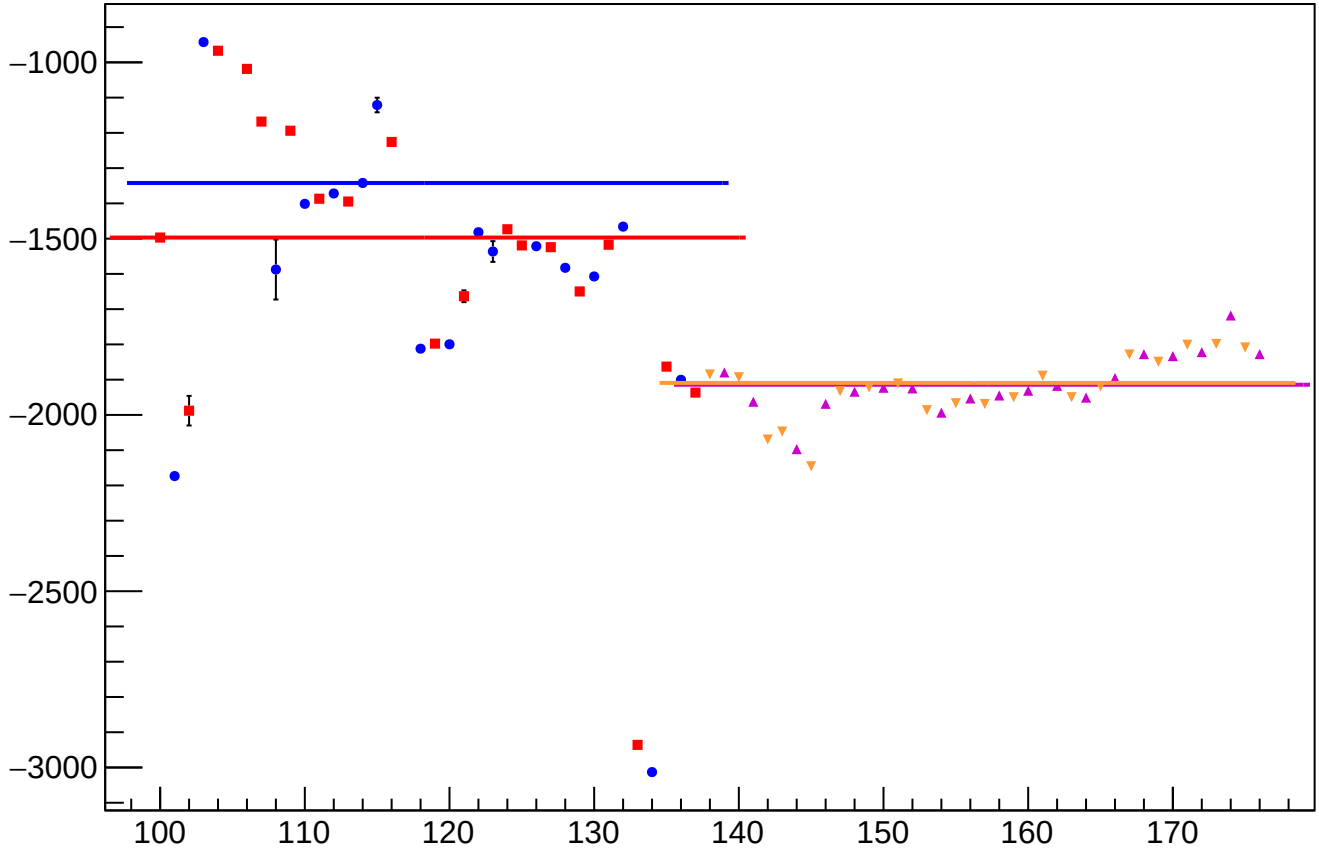
Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:311531.1/35

Out: -24.288+/-0.016 χ^2/NDF:111807.5/38

All: -32.504+/-0.000 χ^2/NDF: 695040.7/74

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1909.170+/-0.342 χ^2/NDF:51864.9/19

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1914.363+/-0.302 χ^2/NDF:50915.0/18

Left: -1912.087+/-0.227 χ^2/NDF: 102909.3/38

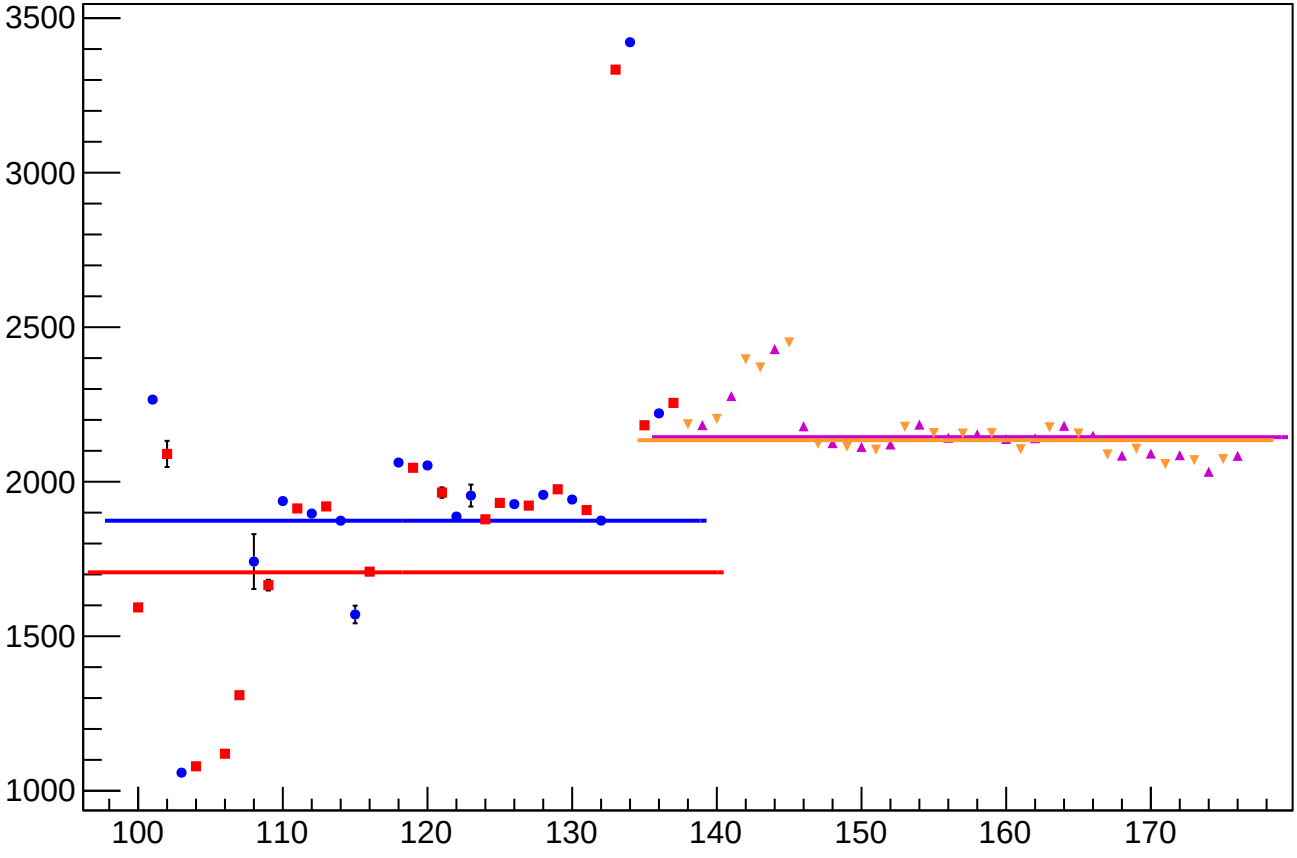
Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:4007008.1/35

Out: -1496.932+/-0.000 χ^2/NDF:2008499.5/38

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852+/-0.000 χ^2/NDF: 201563.9/16

Left Out: 2134.424+/-0.341 χ^2/NDF:43101.8/19

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2144.130+/-0.304 χ^2/NDF:49459.3/18

Left: 2139.830+/-0.227 χ^2/NDF: 93012.8/38

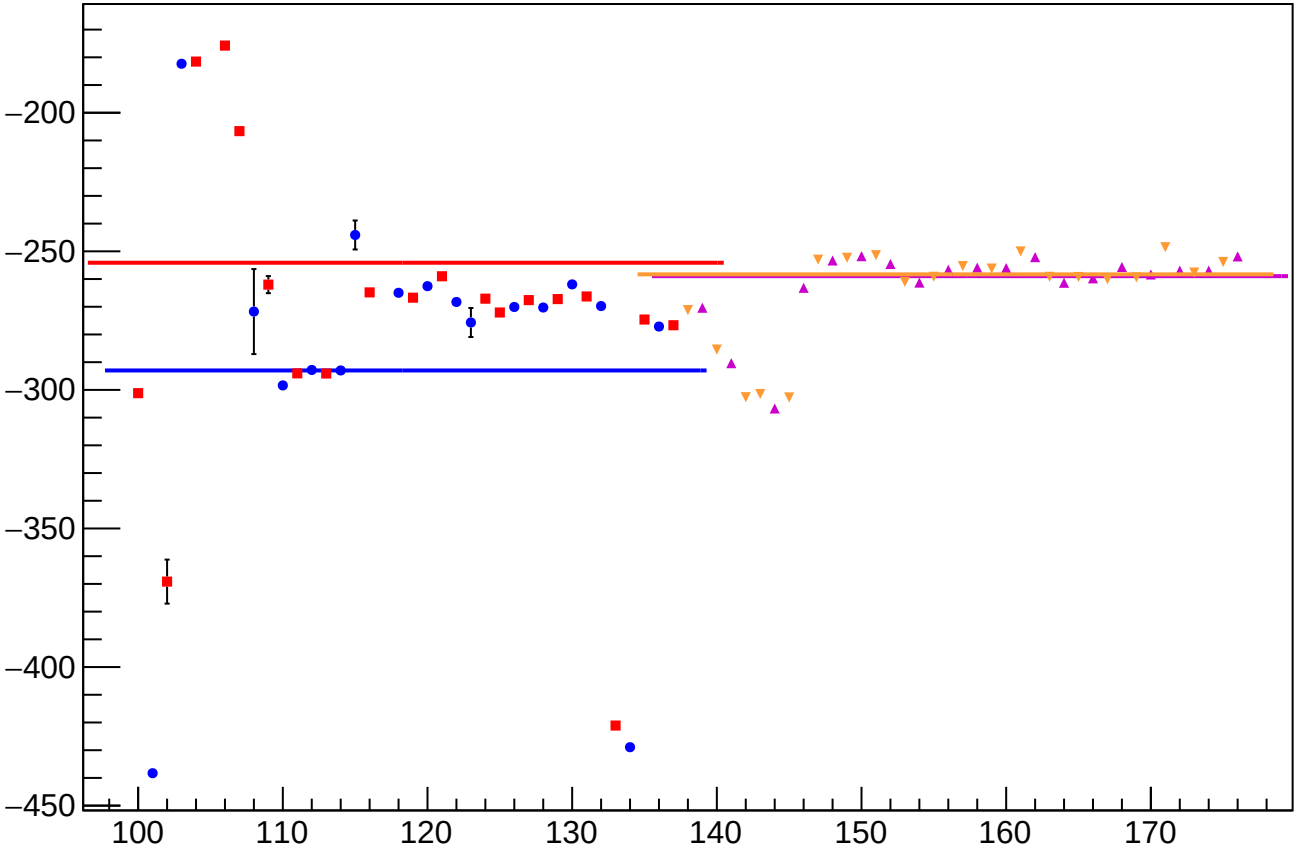
Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:1041937.2/35

Out: 1895.141+/-0.226 χ^2/NDF:1762226.1/38

All: 1873.852+/-0.000 χ^2/NDF: 2813022.7/74

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -258.309+/-0.021 χ^2/NDF:214894.5/19

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -258.958+/-0.018 χ^2/NDF:253247.9/18

Left: -258.677+/-0.014 χ^2/NDF: 468675.0/38

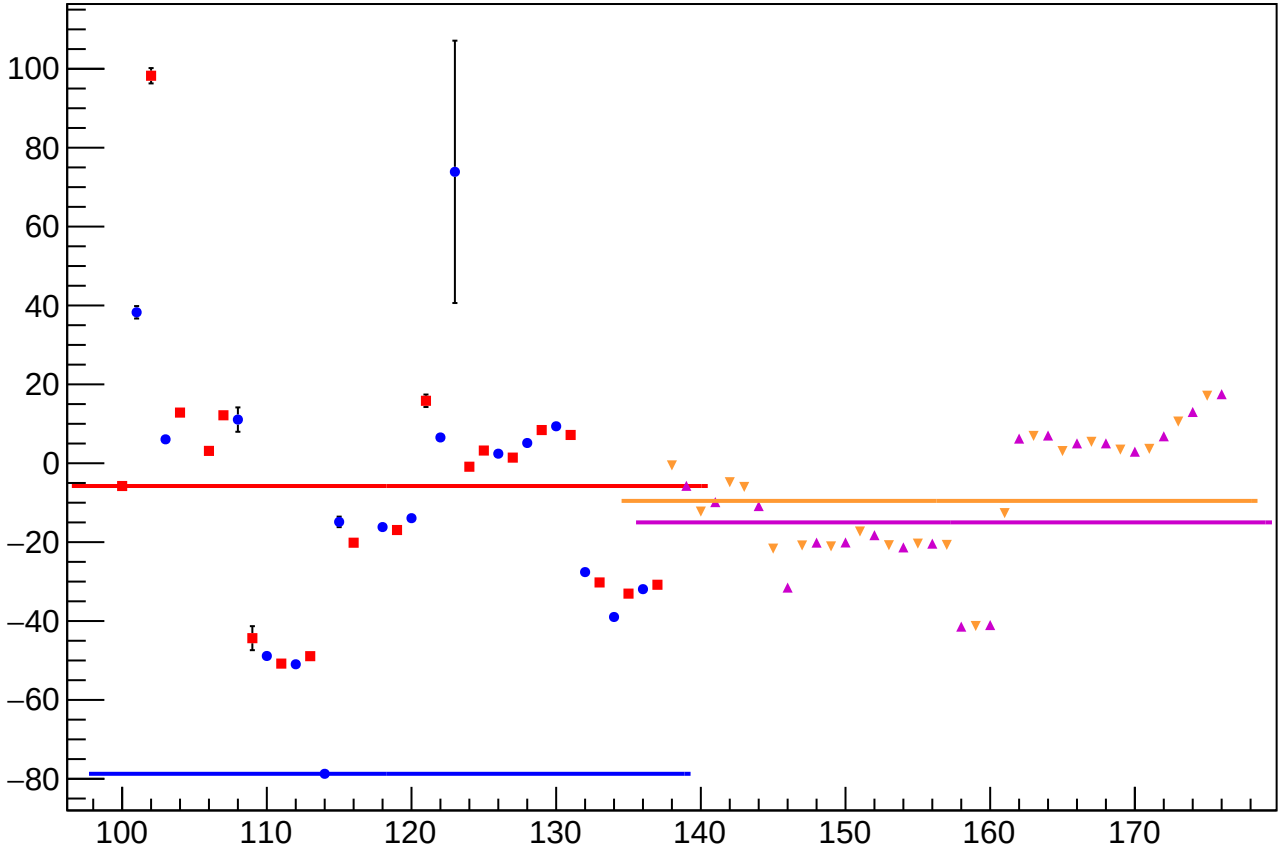
Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:4656591.4/35

Out: -257.829+/-0.020 χ^2/NDF:722019.4/38

All: -292.986+/-0.000 χ^2/NDF: 8483096.3/74

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -9.542+/-0.019 χ^2/NDF:820494.3/19

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -14.992+/-0.017 χ^2/NDF:1137284.1/18

Left: -12.464+/-0.013 χ^2/NDF: 2003545.5/38

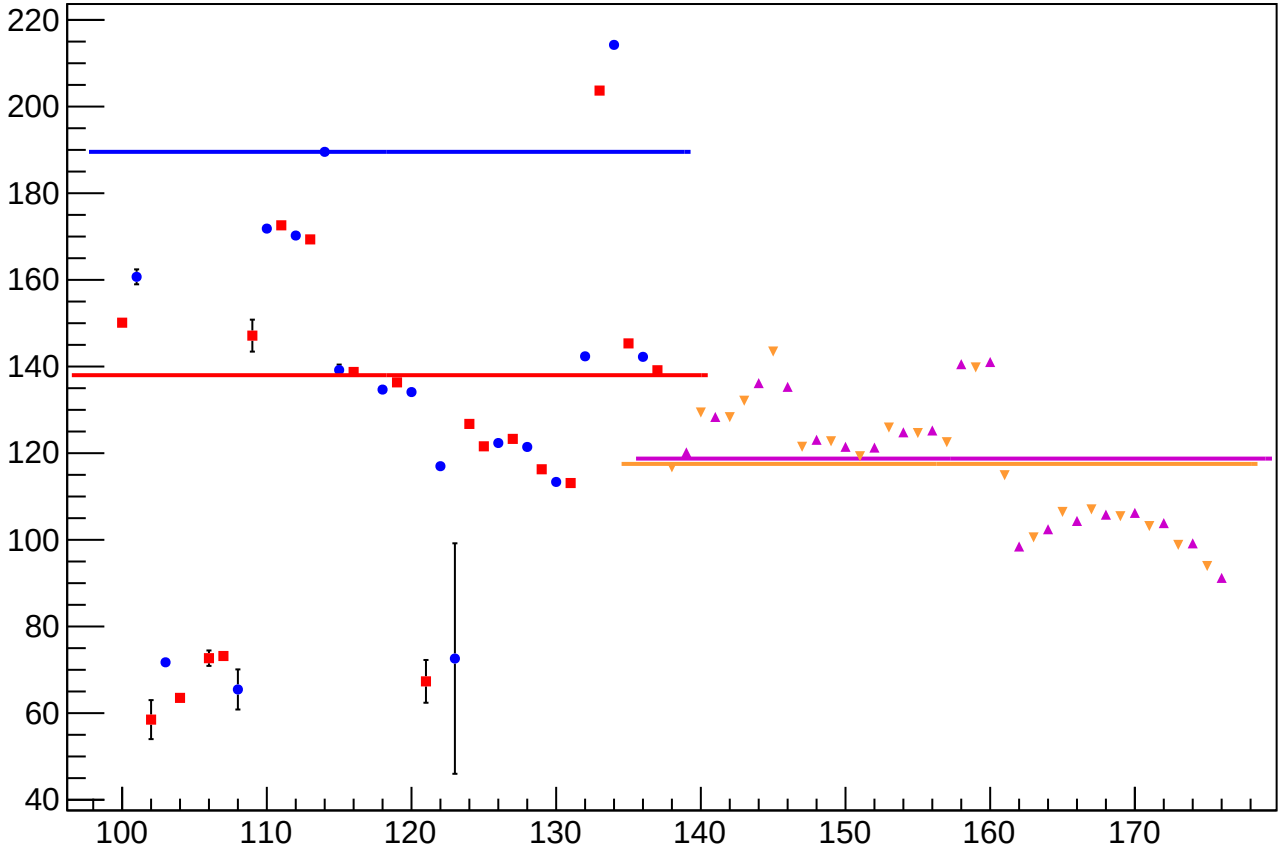
Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:16029757.8/35

Out: -5.769+/-0.000 χ^2/NDF:972943.4/38

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 117.524+/-0.024 χ^2/NDF:271805.5/19

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 118.750+/-0.025 χ^2/NDF:346666.6/18

Left: 118.121+/-0.017 χ^2/NDF: 619754.5/38

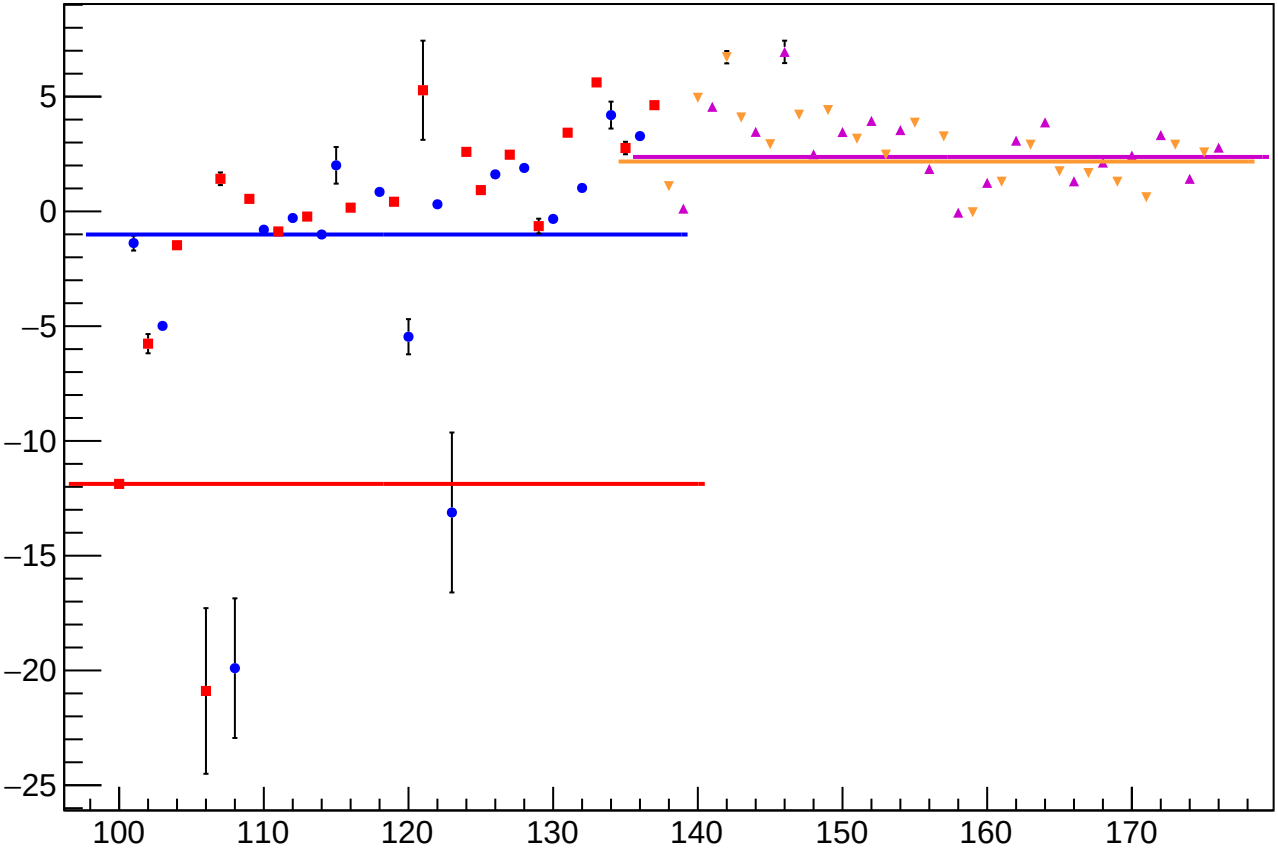
Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:9600024.8/35

Out: 120.402+/-0.022 χ^2/NDF:492469.1/38

All: 189.551+/-0.000 χ^2/NDF: 19844056.9/74

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.173+/-0.017 χ^2/NDF:5976.4/19

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.372+/-0.015 χ^2/NDF:7058.9/18

Left: 2.286+/-0.011 χ^2/NDF: 13111.3/38

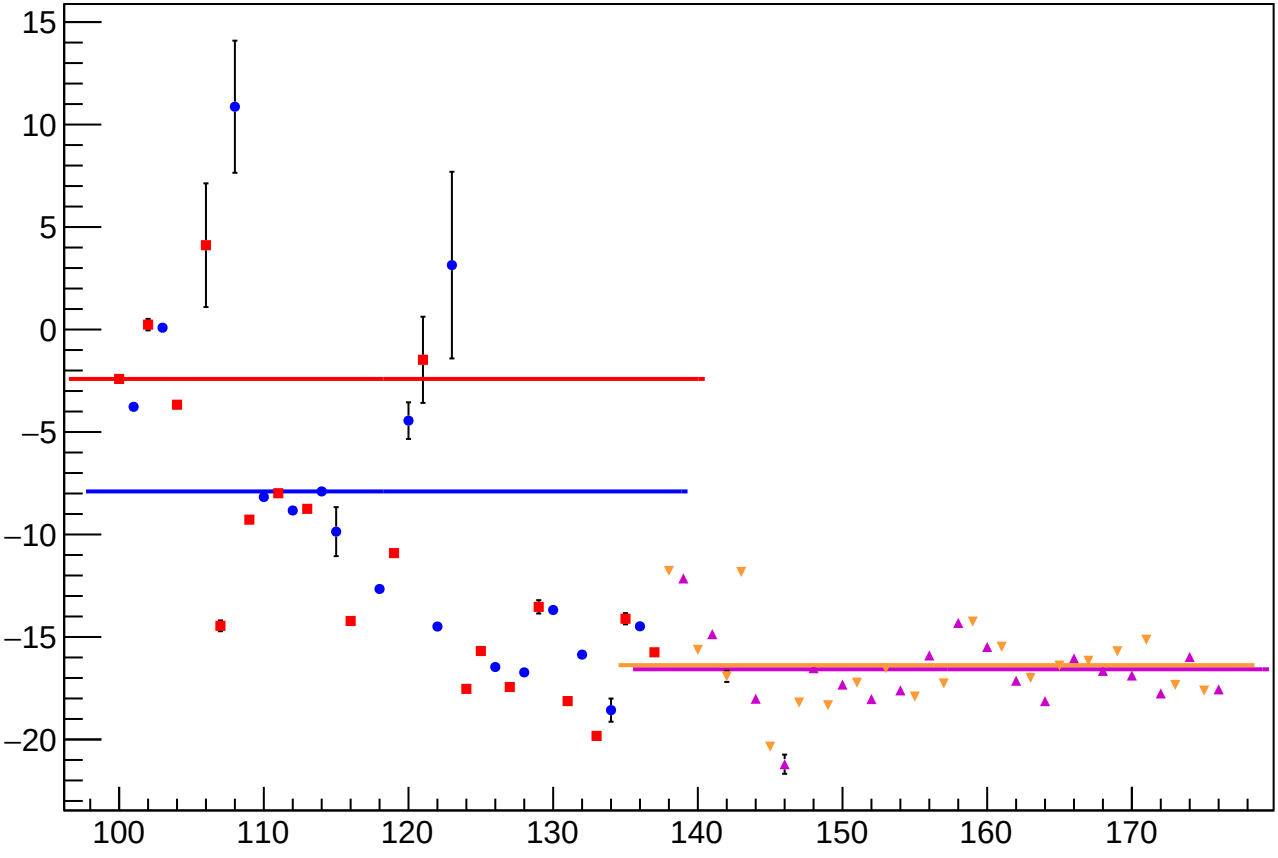
Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:64669.5/35

Out: -11.872+/-0.000 χ^2/NDF:1172836.3/38

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899+/-0.000 χ^2/NDF: 39443.5/16

Left Out: -16.373+/-0.017 χ^2/NDF:7577.1/19

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.576+/-0.016 χ^2/NDF:5928.0/18

Left: -16.483+/-0.012 χ^2/NDF: 13582.5/38

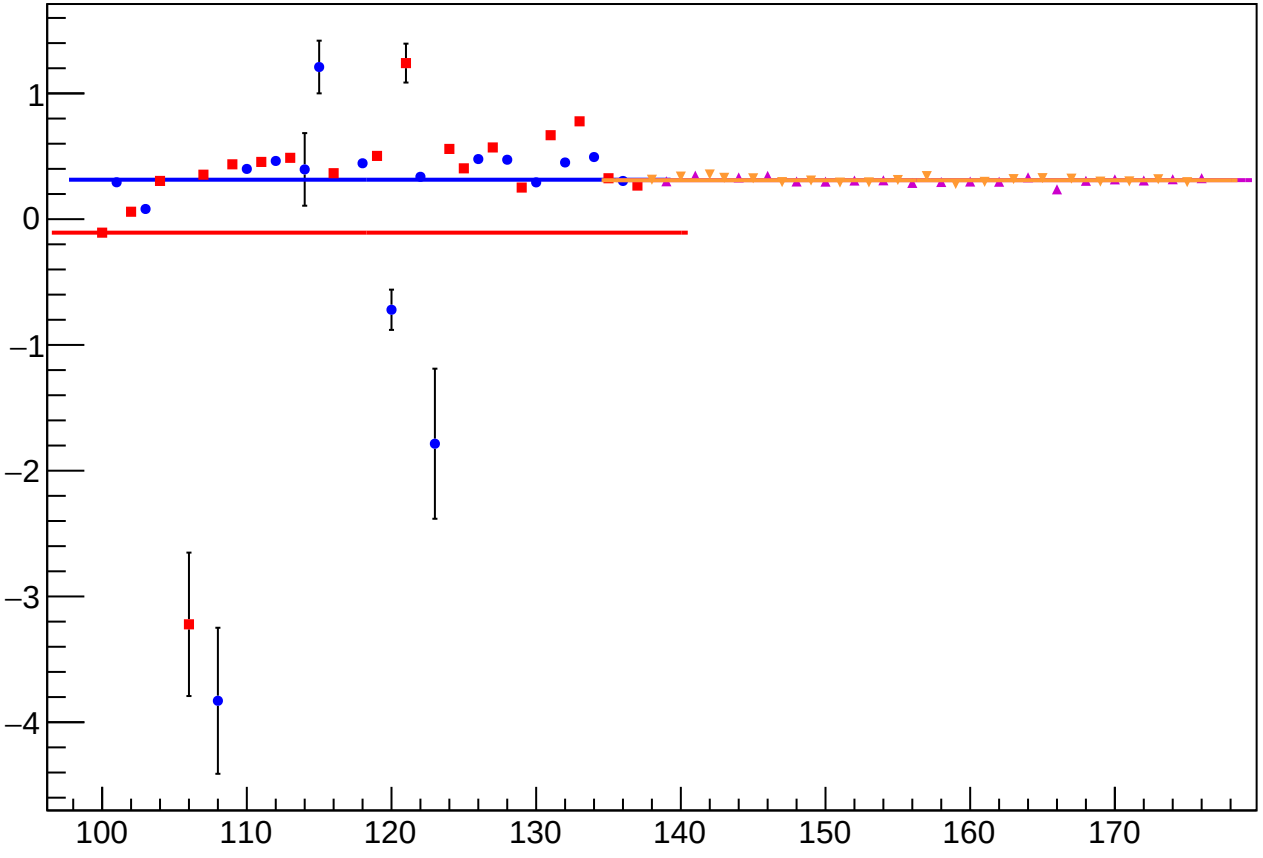
Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:351558.6/35

Out: -2.410+/-0.000 χ^2/NDF:890359.5/38

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.309+/-0.000 χ^2/NDF:4448.4/19

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.310+/-0.000 χ^2/NDF:2987.4/18

Left: 0.310+/-0.000 χ^2/NDF: 7442.4/38

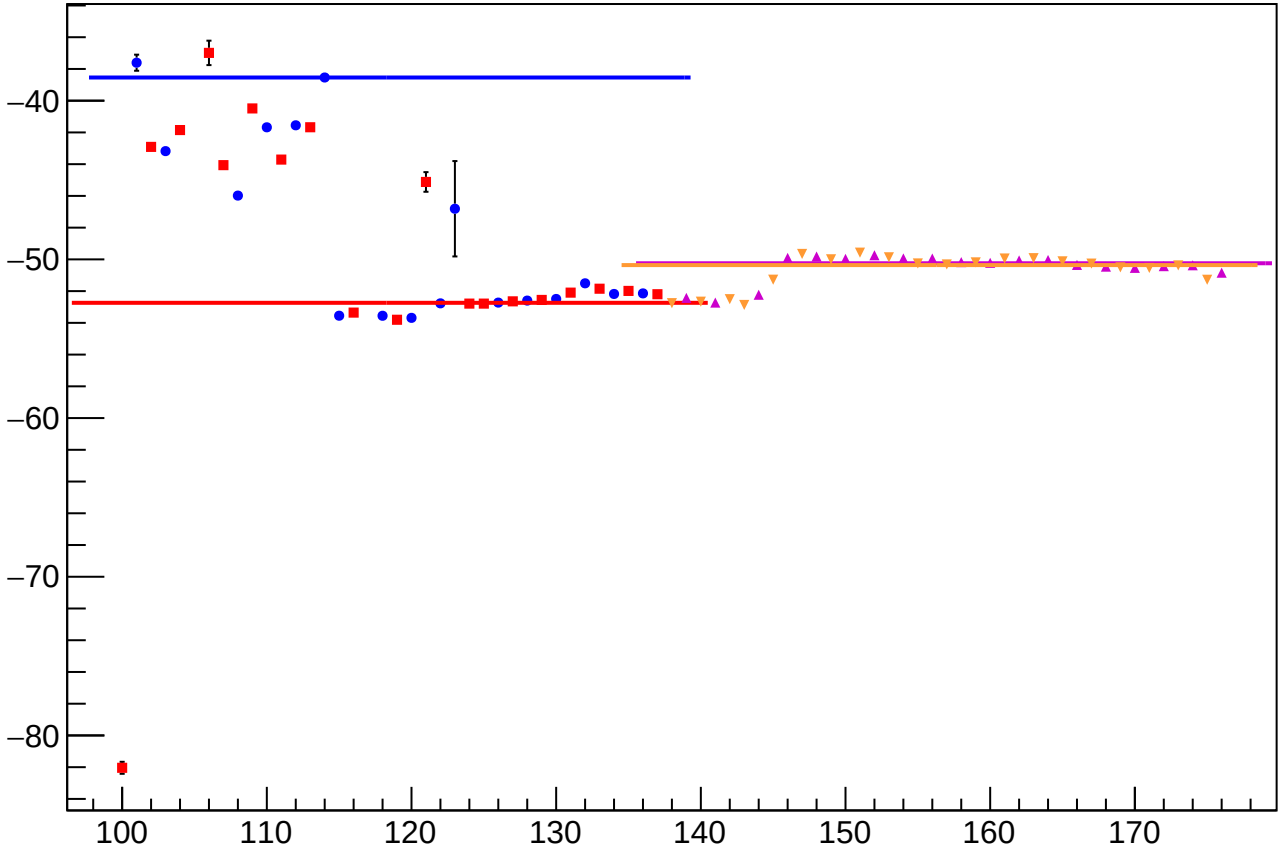
Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.311+/-0.000 χ^2/NDF:5746.8/35

Out: -0.107+/-0.000 χ^2/NDF:3126418.6/38

All: -0.107+/-0.000 χ^2/NDF: 6195348.0/74

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.360+/-0.001 χ^2/NDF:256841.6/19

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.245+/-0.001 χ^2/NDF:168120.7/18

Left: -50.295+/-0.001 χ^2/NDF: 428541.9/38

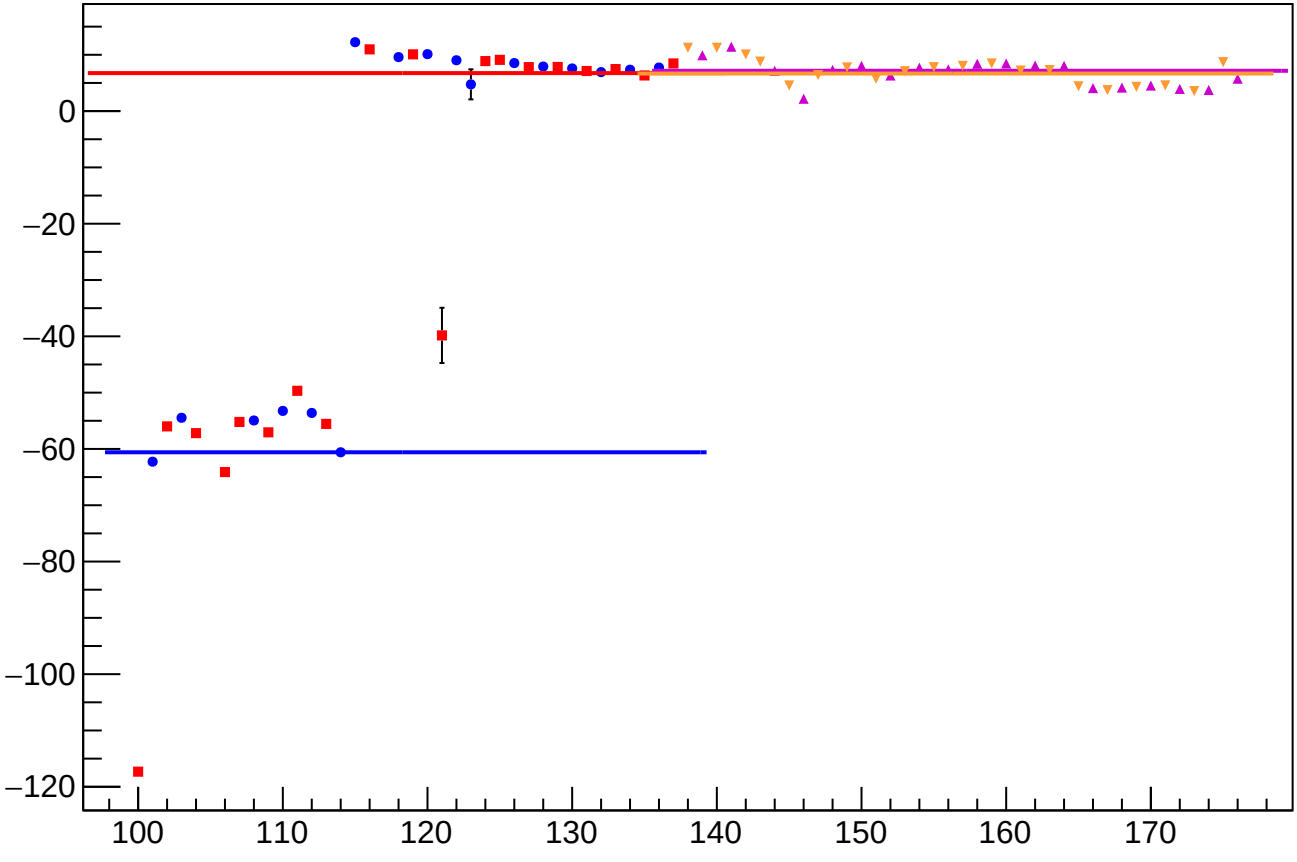
Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:100119604.0/35

Out: -51.246+/-0.001 χ^2/NDF:1347052.6/38

All: -38.539+/-0.000 χ^2/NDF: 224042228.3/7

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 6.664+/-0.004 χ^2/NDF:309819.9/19

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.160+/-0.003 χ^2/NDF:208490.4/18

Left: 6.930+/-0.003 χ^2/NDF: 527721.2/38

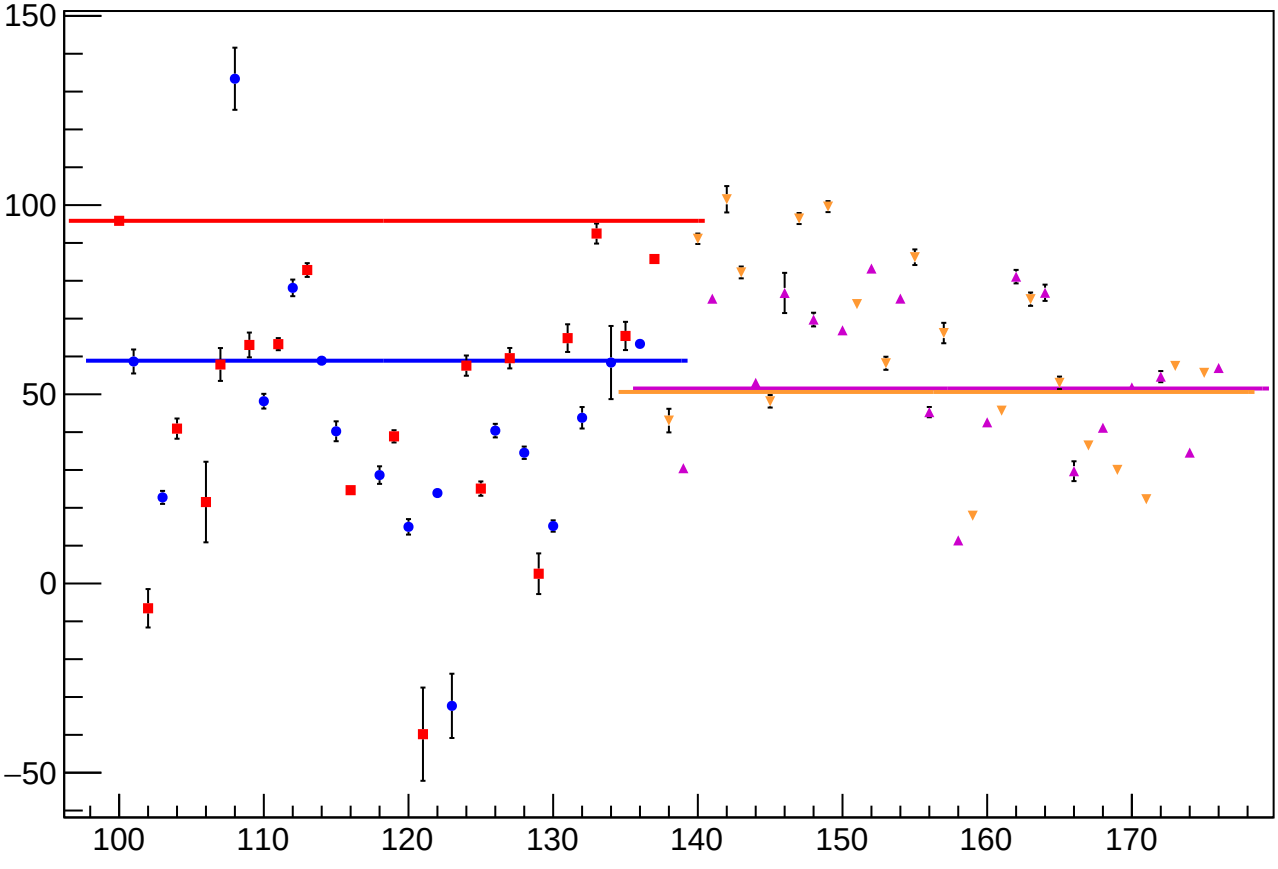
Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:405693098.2/35

Out: 6.673+/-0.004 χ^2/NDF:1576471.0/38

All: -60.594+/-0.000 χ^2/NDF: 766927727.0/7

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 50.622+/-0.267 χ^2/NDF:7734.8/19

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 51.529+/-0.231 χ^2/NDF:6136.9/18

Left: 51.141+/-0.175 χ^2/NDF: 13878.2/38

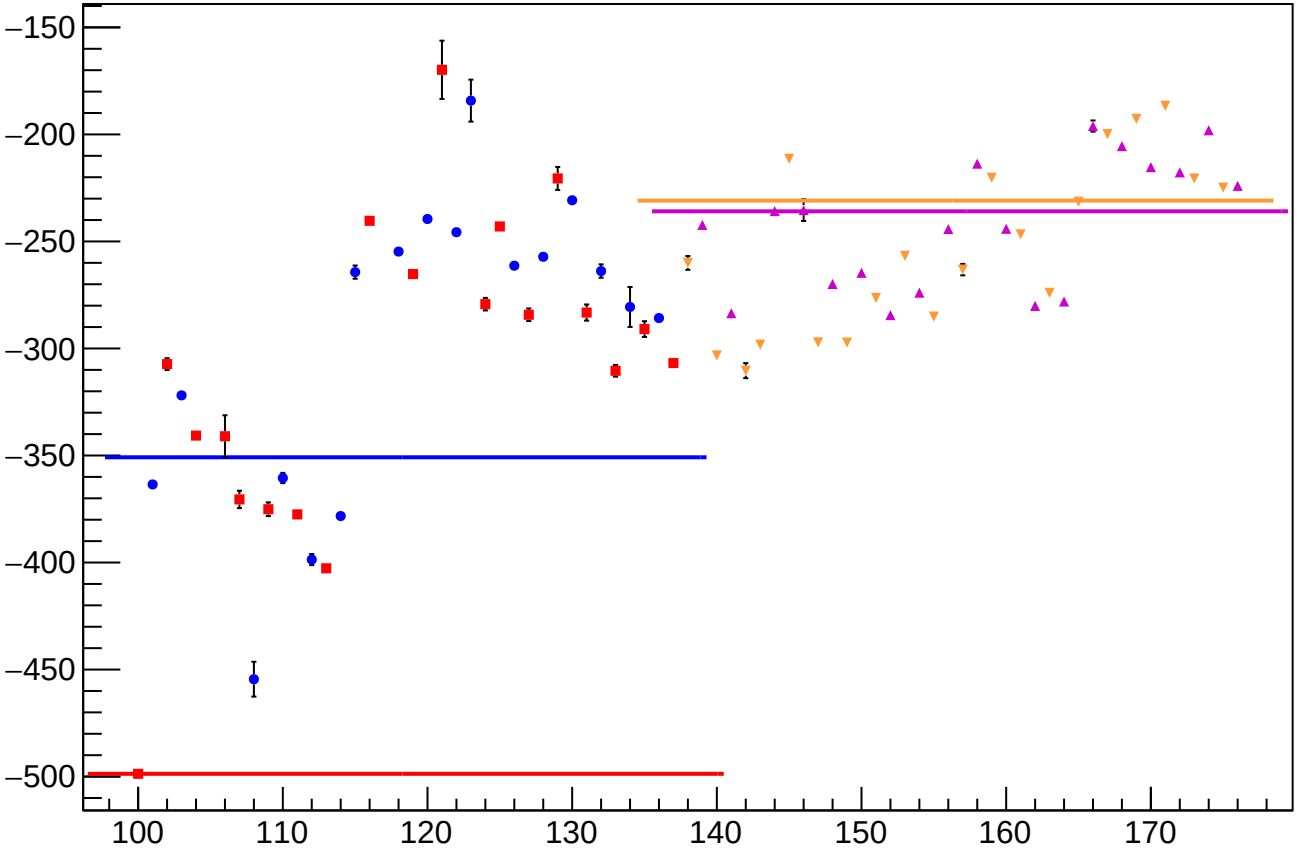
Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:10961.7/35

Out: 95.846+/-0.000 χ^2/NDF:75782.1/38

All: 60.098+/-0.000 χ^2/NDF: 9815233945666

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -350.833+/-0.245 χ^2/NDF: 41301.1/16

Left Out: -230.913+/-0.266 χ^2/NDF:19483.2/19

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -235.931+/-0.237 χ^2/NDF:15496.5/18

Left: -233.715+/-0.177 χ^2/NDF: 35178.0/38

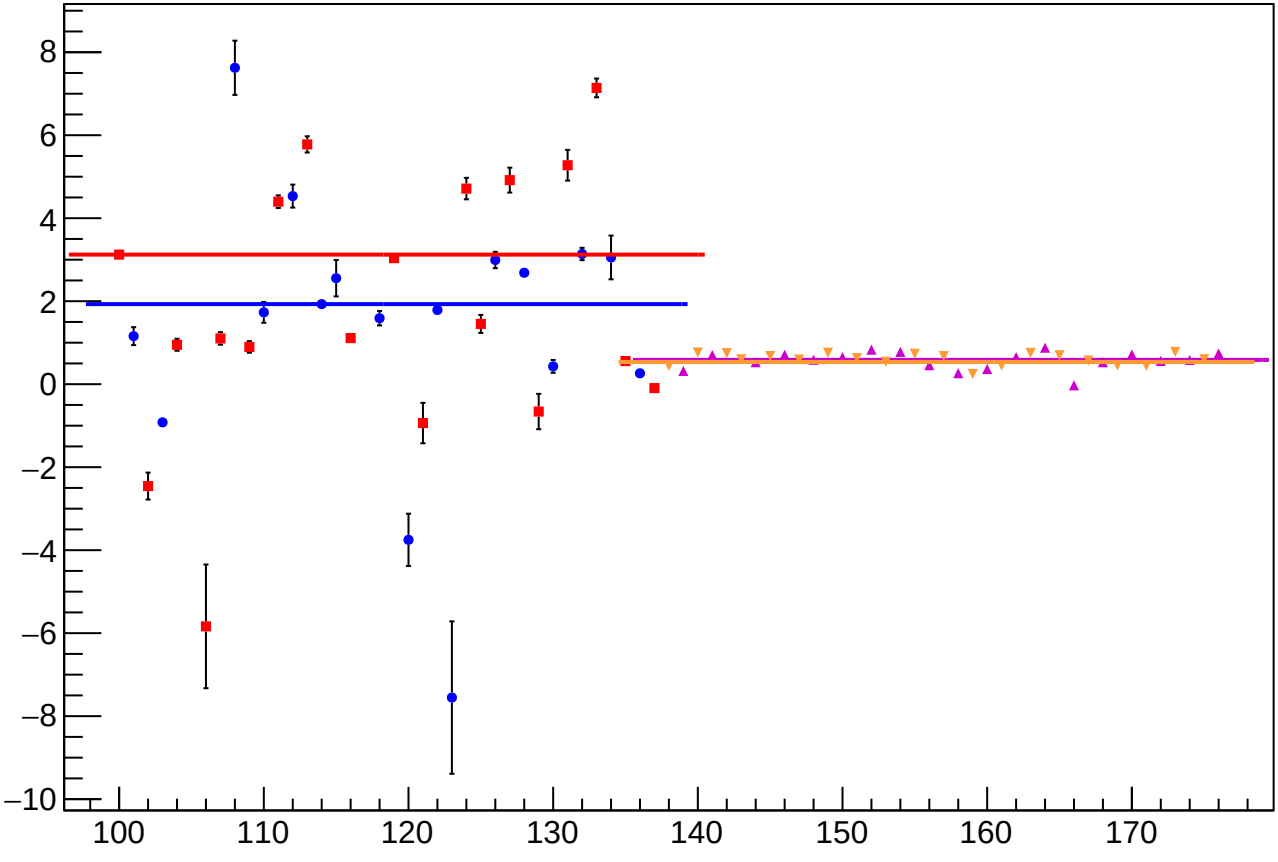
Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -291.528+/-0.170 χ^2/NDF:170755.1/35

Out: -498.692+/-0.000 χ^2/NDF:1543014.2/38

All: -498.692+/-0.000 χ^2/NDF: 3197076.2/74

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.534+/-0.002 χ^2/NDF:9347.5/19

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.586+/-0.002 χ^2/NDF:14829.8/18

Left: 0.565+/-0.001 χ^2/NDF: 24596.8/38

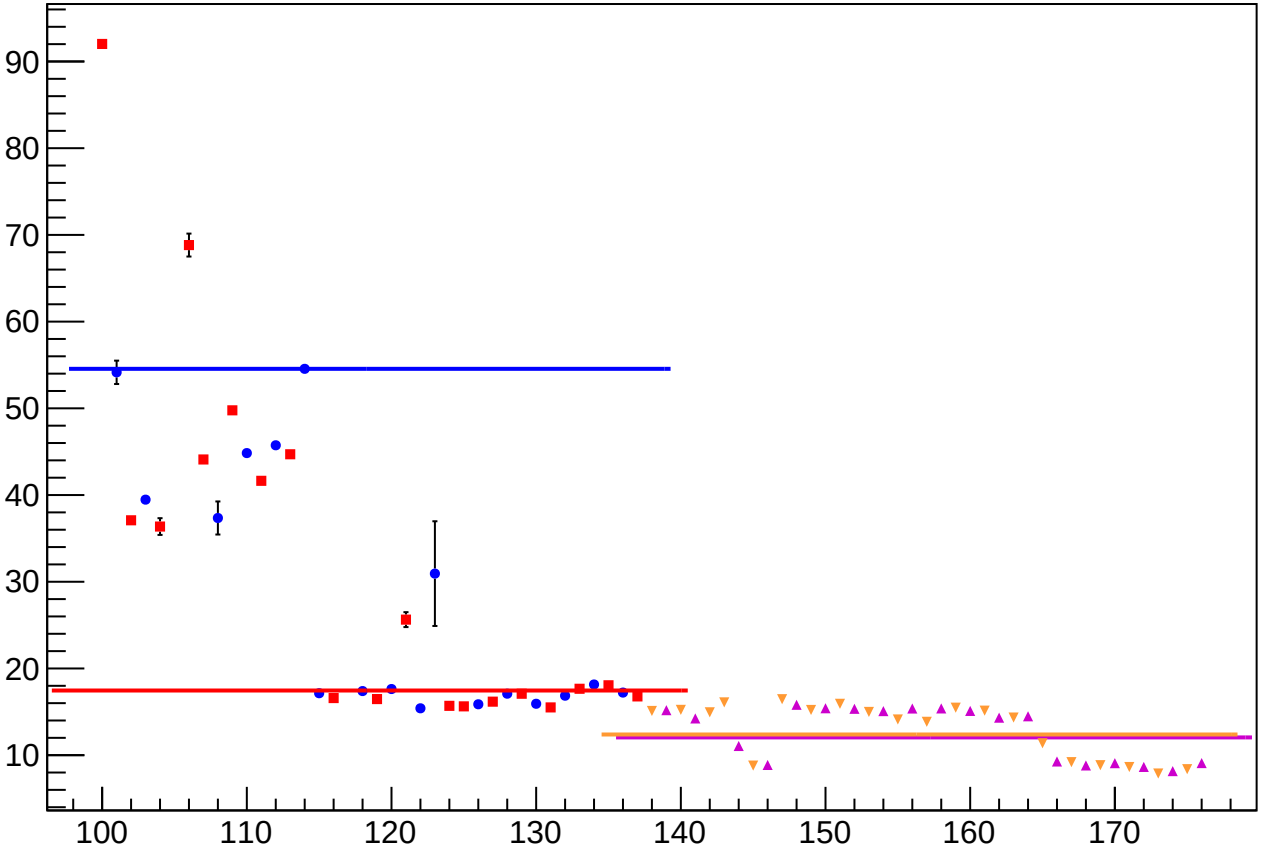
Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:789541.7/35

Out: 3.123+/-0.000 χ^2/NDF:2288184.8/38

All: 2.073+/-0.000 χ^2/NDF: 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF: 7238433.0/16

Left Out: 12.386+/-0.007 χ^2/NDF:257219.9/19

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 12.048+/-0.006 χ^2/NDF:320888.8/18

Left: 12.195+/-0.004 χ^2/NDF: 579628.2/38

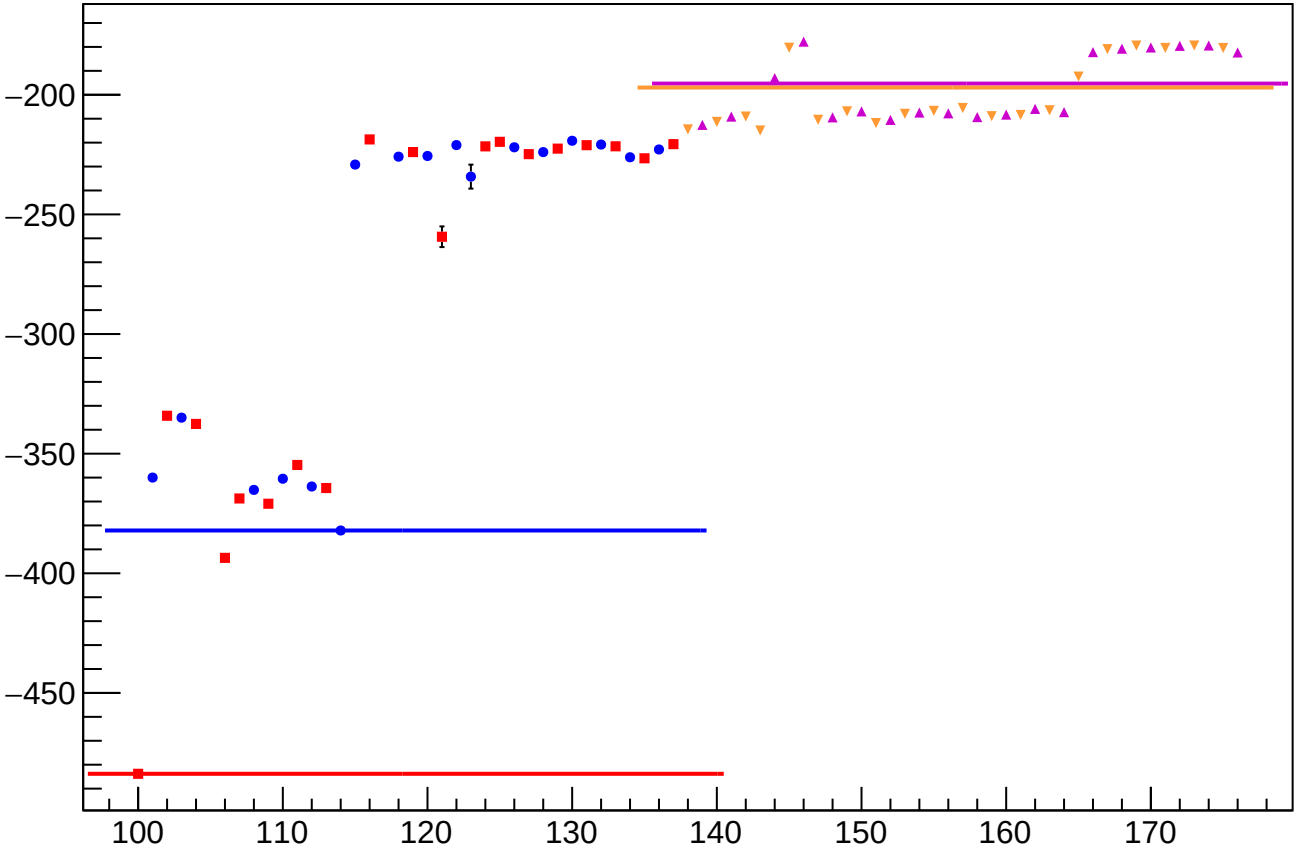
Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:62769487.3/35

Out: 12.956+/-0.006 χ^2/NDF:424843.8/38

All: 54.556+/-0.000 χ^2/NDF: 109265416.9/74

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -196.983+/-0.014 χ^2/NDF:1051077.4/19

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -195.324+/-0.013 χ^2/NDF:1228398.0/18

Left: -196.067+/-0.009 χ^2/NDF: 2287219.3/38

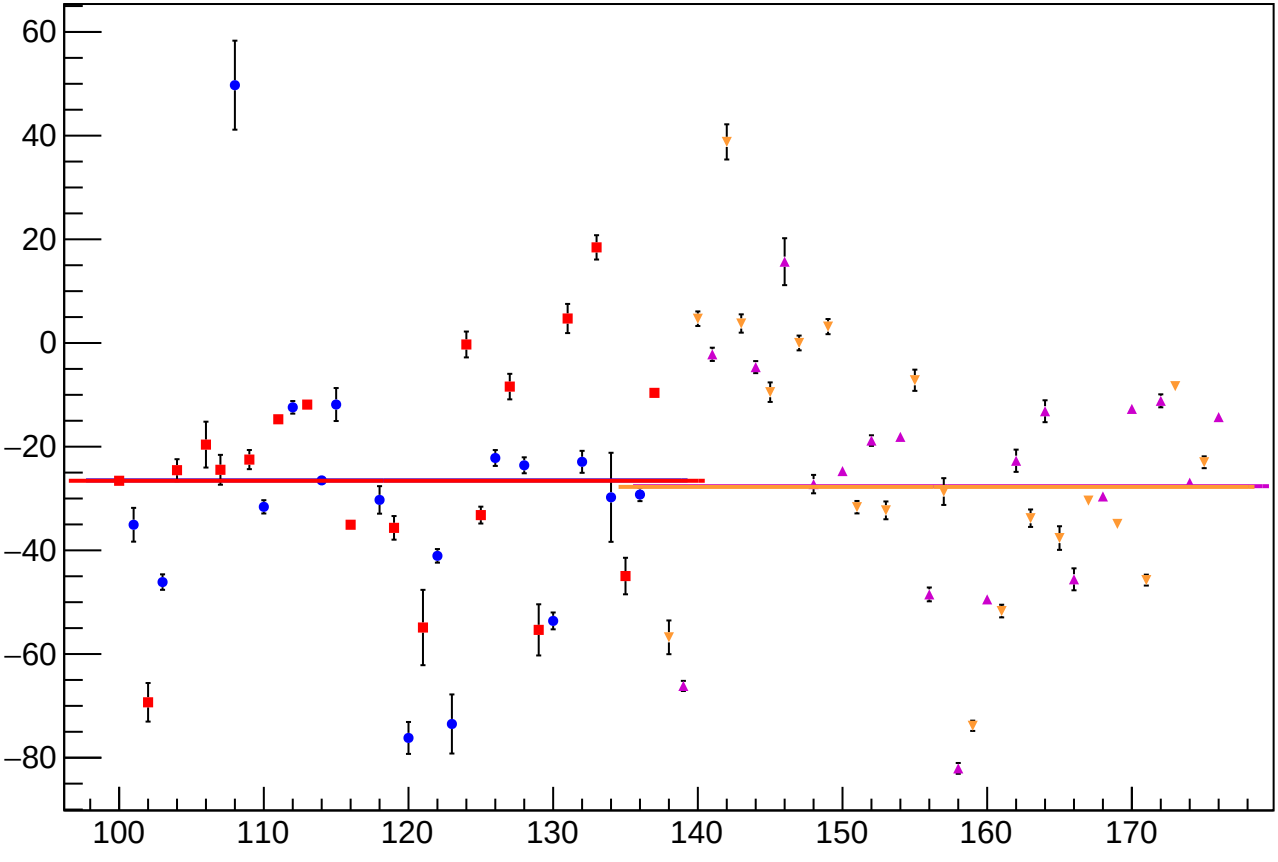
Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:238646559.5/35

Out: -483.800+/-0.000 χ^2/NDF:444059469.6/38

All: -417.999+/-0.000 χ^2/NDF: 12425488813

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504+/-0.000 χ^2/NDF: 1180.7/16

Left Out: -27.757+/-0.274 χ^2/NDF:5964.7/19

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -27.621+/-0.231 χ^2/NDF:7295.8/18

Left: -27.678+/-0.177 χ^2/NDF: 13260.7/38

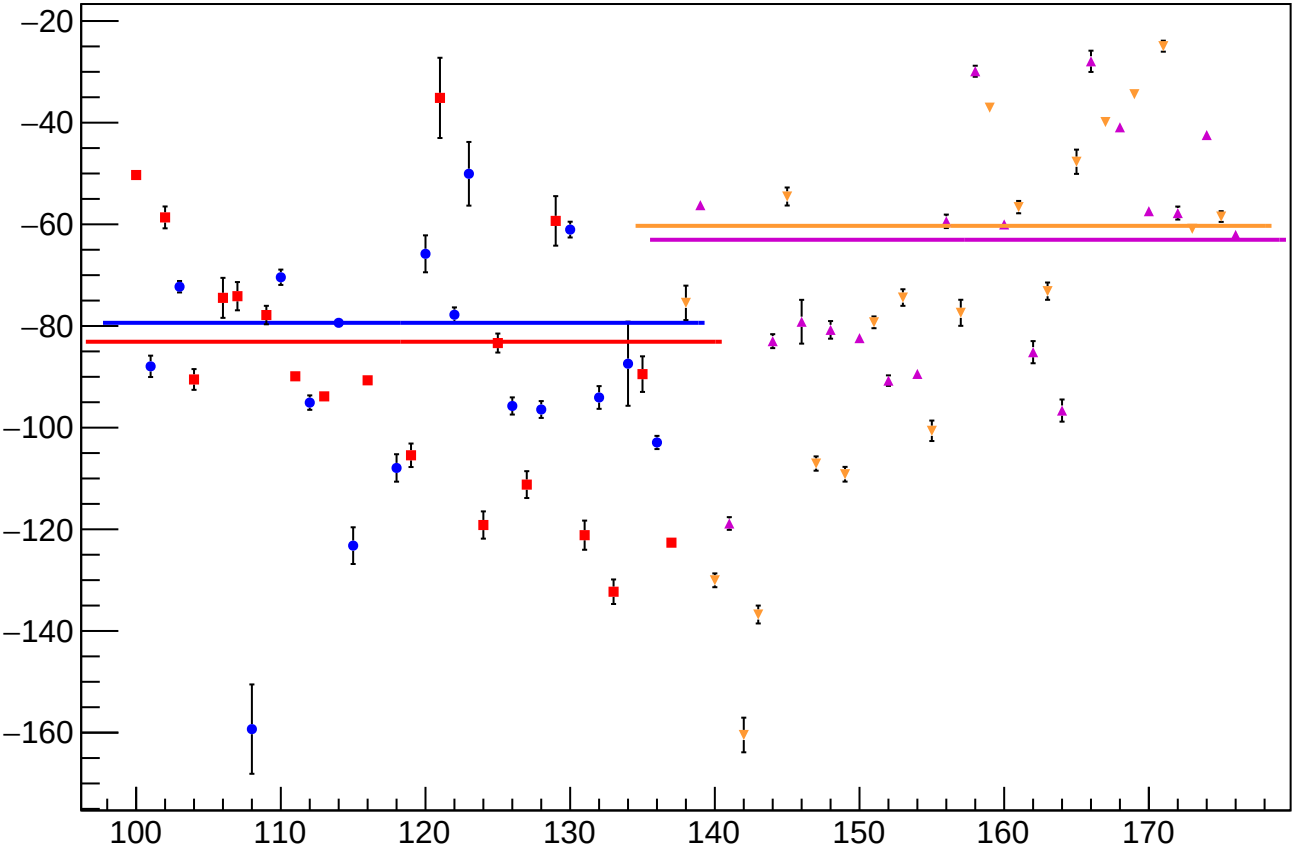
Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:8499.8/35

Out: -26.577+/-0.000 χ^2/NDF:8624.2/38

All: -26.530+/-0.000 χ^2/NDF: 412159279654

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376+/-0.000 χ^2/NDF: 1304.6/16

Left Out: -60.297+/-0.269 χ^2/NDF:12287.3/19

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -63.037+/-0.234 χ^2/NDF:8077.2/18

Left: -61.862+/-0.176 χ^2/NDF: 20423.5/38

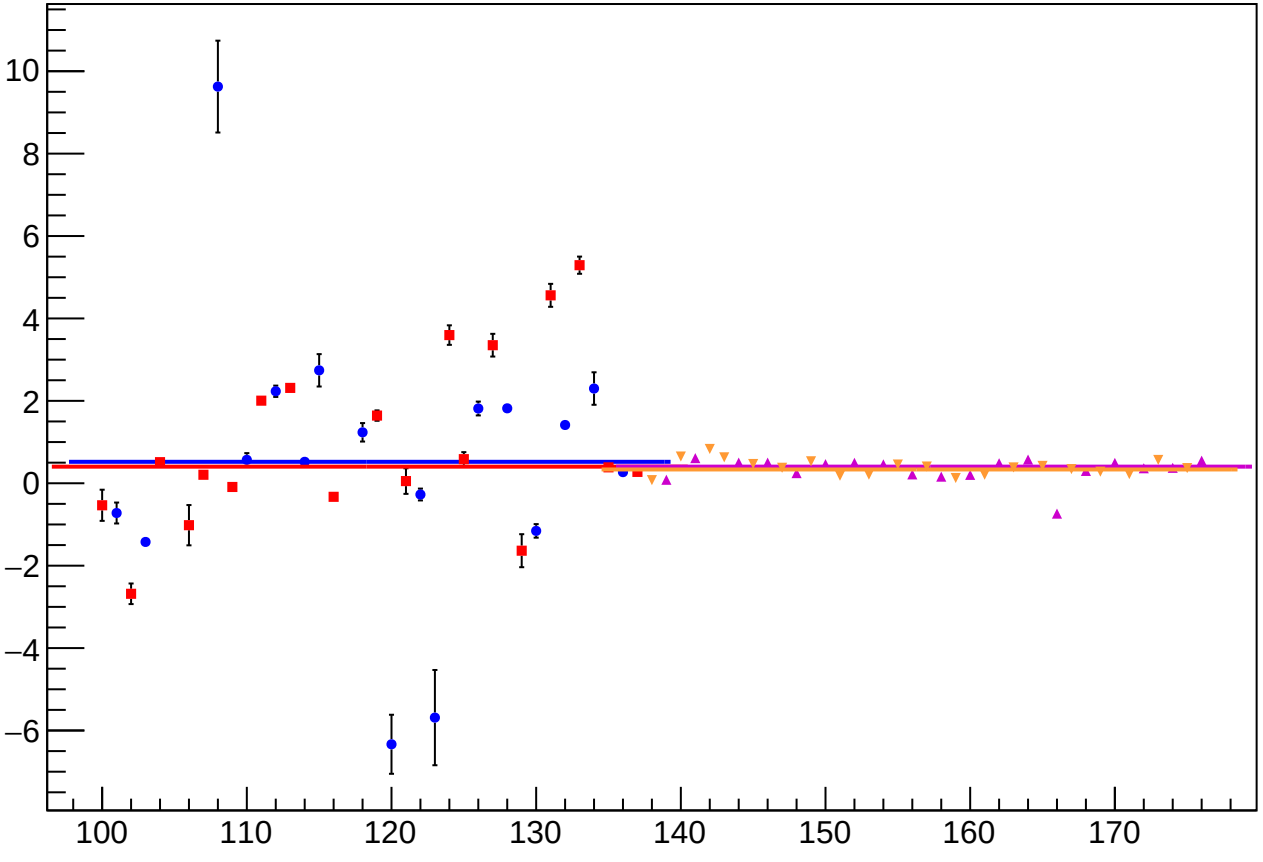
Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:14275.5/35

Out: -76.163+/-0.149 χ^2/NDF:29184.4/38

All: -79.376+/-0.000 χ^2/NDF: 43927.1/74

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.335+/-0.002 χ^2/NDF:8746.3/19

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.404+/-0.002 χ^2/NDF:10500.5/18

Left: 0.375+/-0.001 χ^2/NDF: 20085.2/38

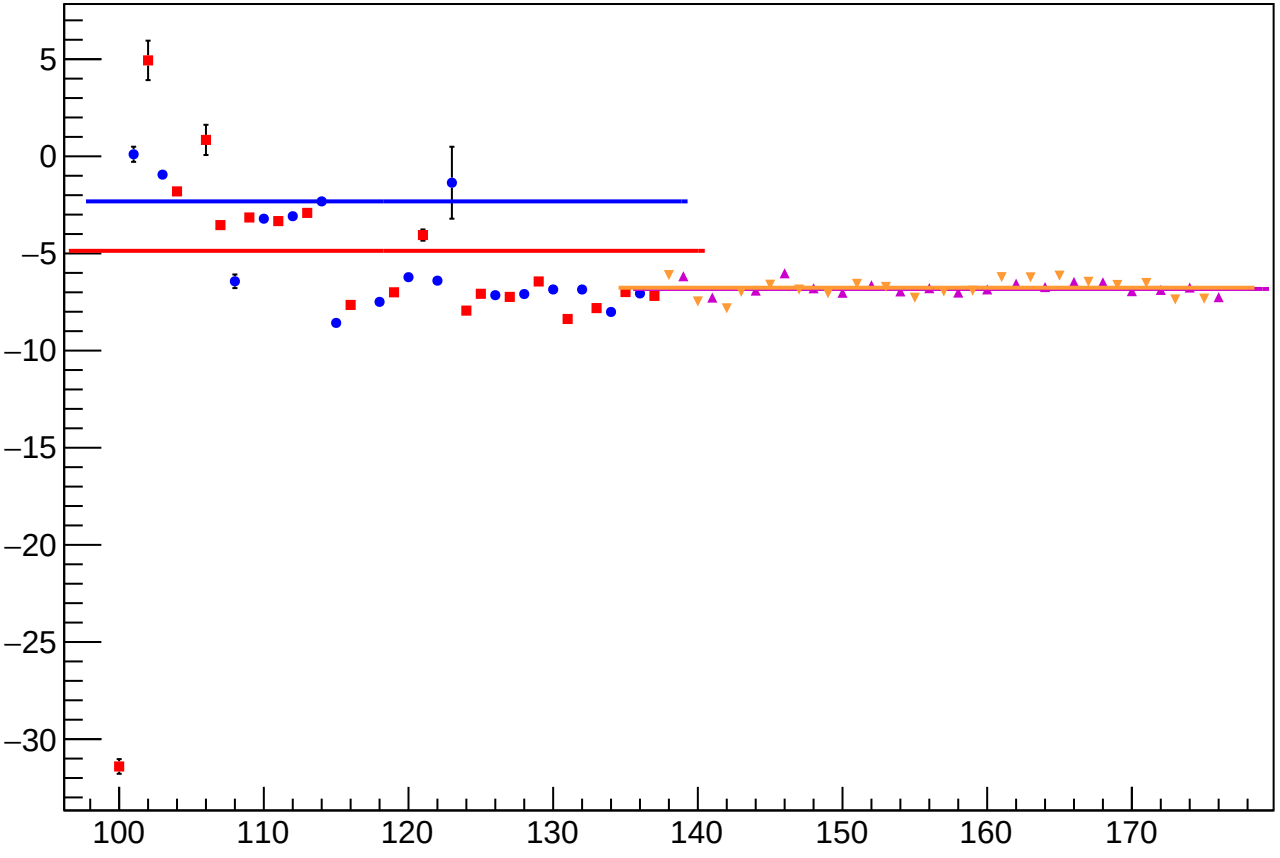
Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:19653.0/35

Out: 0.337+/-0.002 χ^2/NDF:11512.2/38

All: 0.521+/-0.000 χ^2/NDF: 41821.5/74

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.763+/-0.003 χ^2/NDF:10378.7/19

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.827+/-0.002 χ^2/NDF:8404.3/18

Left: -6.797+/-0.002 χ^2/NDF: 19102.5/38

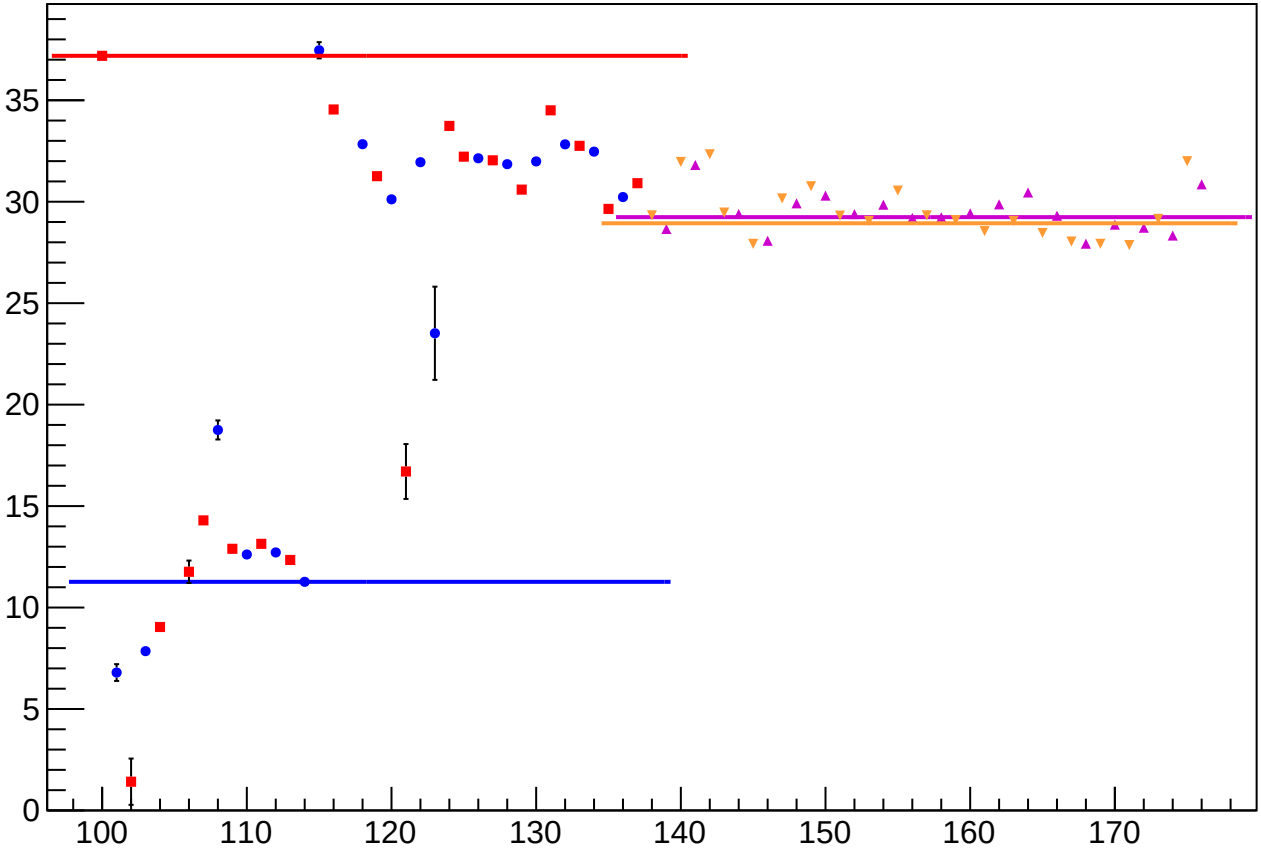
Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:3680976.7/35

Out: -6.651+/-0.003 χ^2/NDF:91712.1/38

All: -2.320+/-0.000 χ^2/NDF: 6753206.9/74

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 28.937+/-0.009 χ^2/NDF:14599.1/19

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.241+/-0.008 χ^2/NDF:9298.5/18

Left: 29.103+/-0.006 χ^2/NDF: 24542.7/38

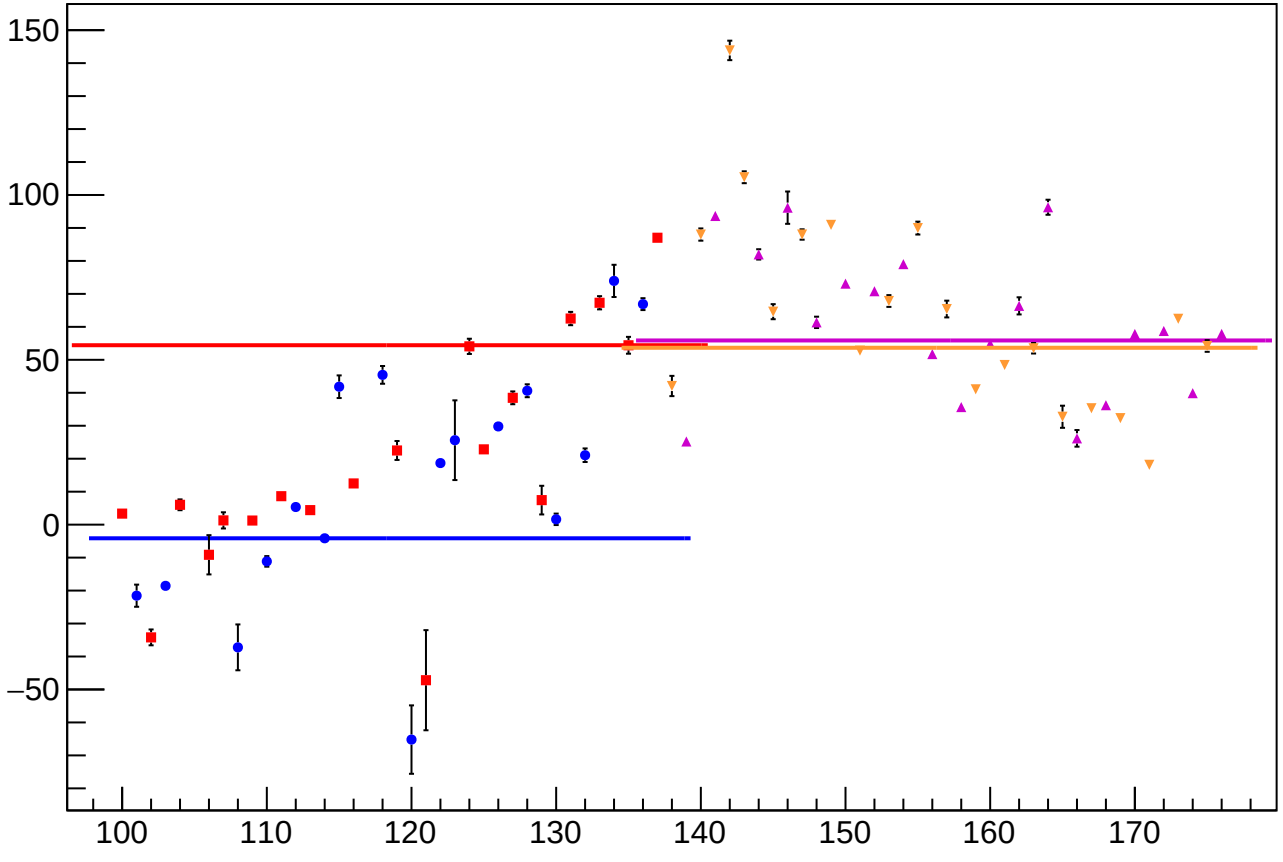
Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:5944836.3/35

Out: 37.191+/-0.000 χ^2/NDF:2011690.7/38

All: 12.122+/-0.000 χ^2/NDF: 7723055694978

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139+/-0.000 χ^2/NDF: 4654.2/16

Left Out: 53.653+/-0.304 χ^2/NDF:5937.5/19

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 55.873+/-0.259 χ^2/NDF:5663.6/18

Left: 54.941+/-0.197 χ^2/NDF: 11632.0/38

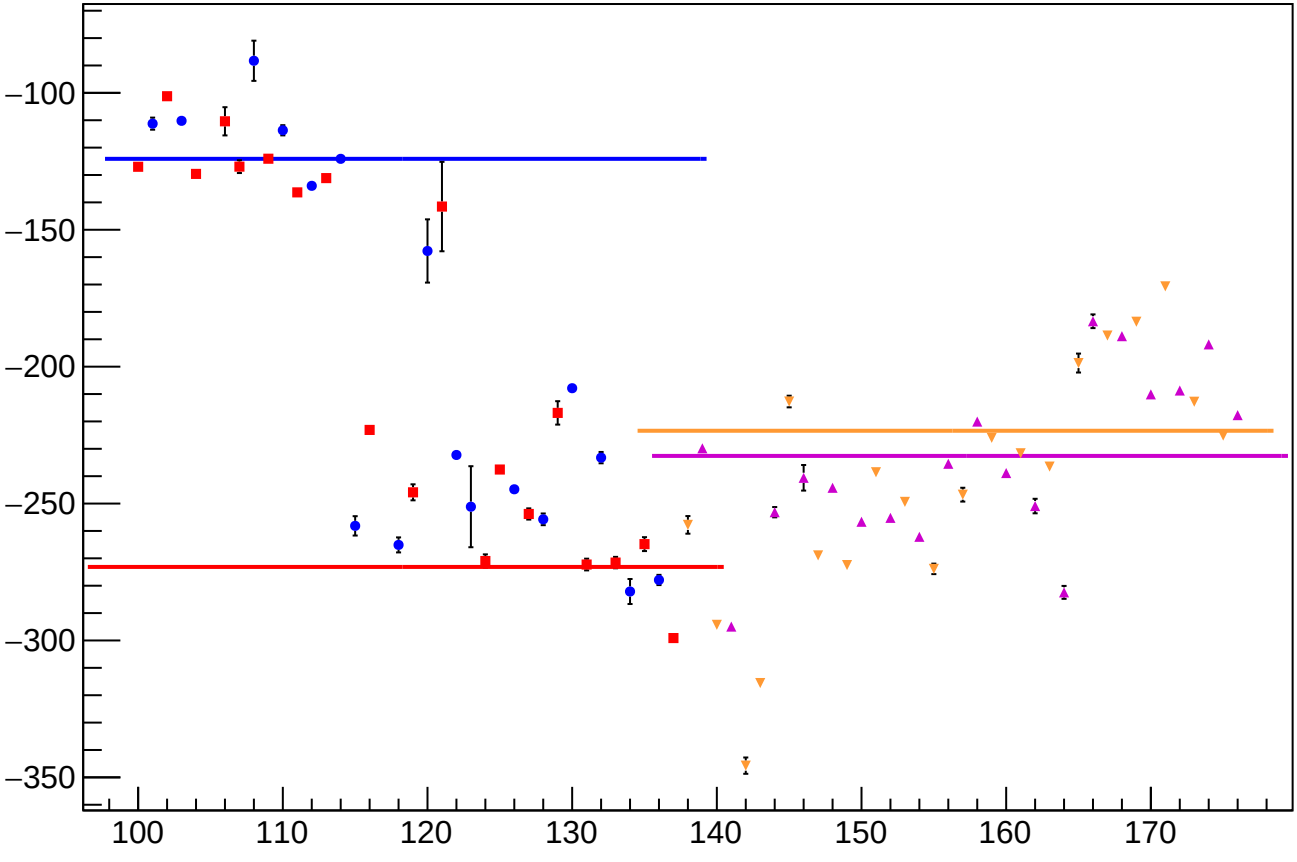
Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:64015.9/35

Out: 54.242+/-0.149 χ^2/NDF:59941.2/38

All: -4.139+/-0.000 χ^2/NDF: 278368.8/74

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -223.408+/-0.300 χ^2/NDF:15206.7/19

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -232.596+/-0.260 χ^2/NDF:11100.0/18

Left: -228.664+/-0.197 χ^2/NDF: 26841.6/38

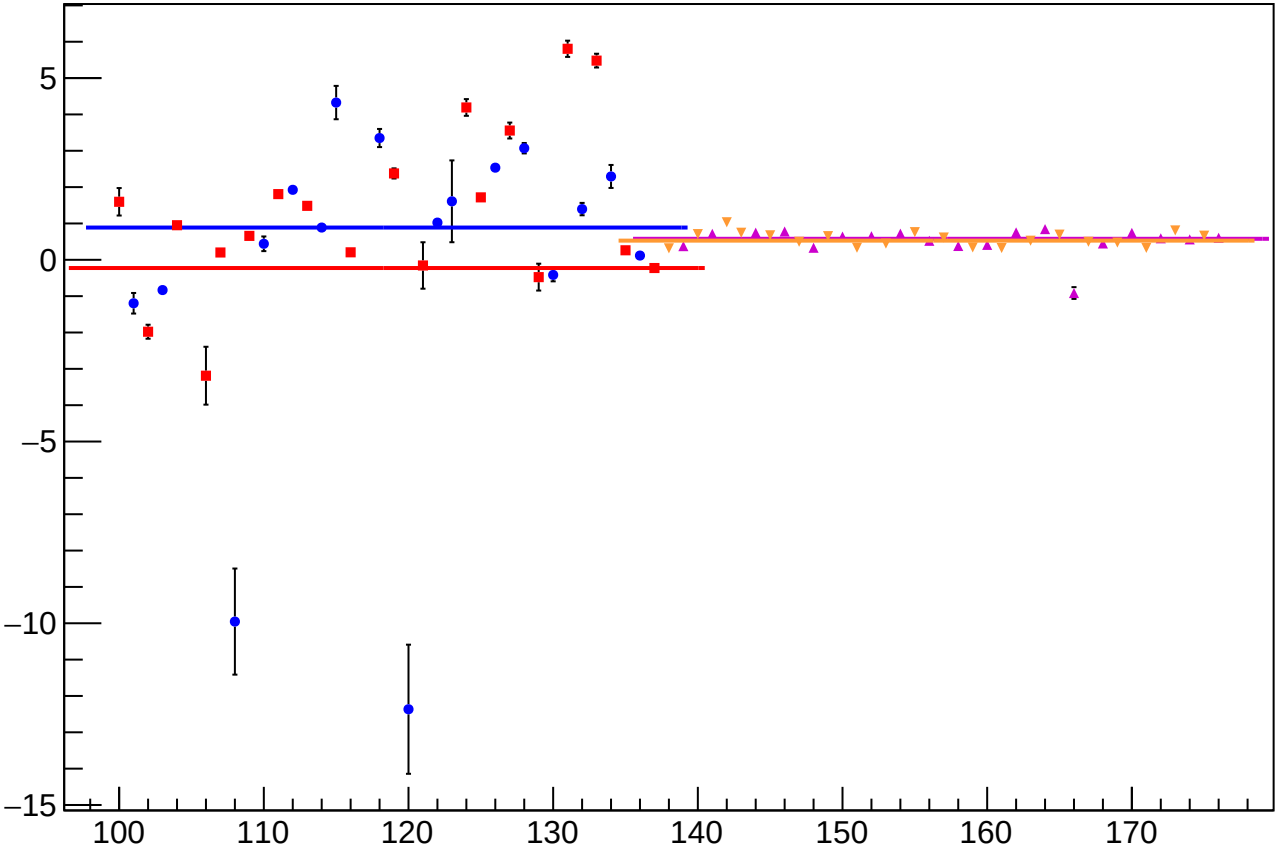
Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:223584.9/35

Out: -267.007+/-0.106 χ^2/NDF:319367.6/38

All: -124.095+/-0.000 χ^2/NDF: 2376665.8/74

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.528+/-0.002 χ^2/NDF:8608.9/19

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.578+/-0.002 χ^2/NDF:4920.8/18

Left: 0.554+/-0.001 χ^2/NDF: 13827.5/38

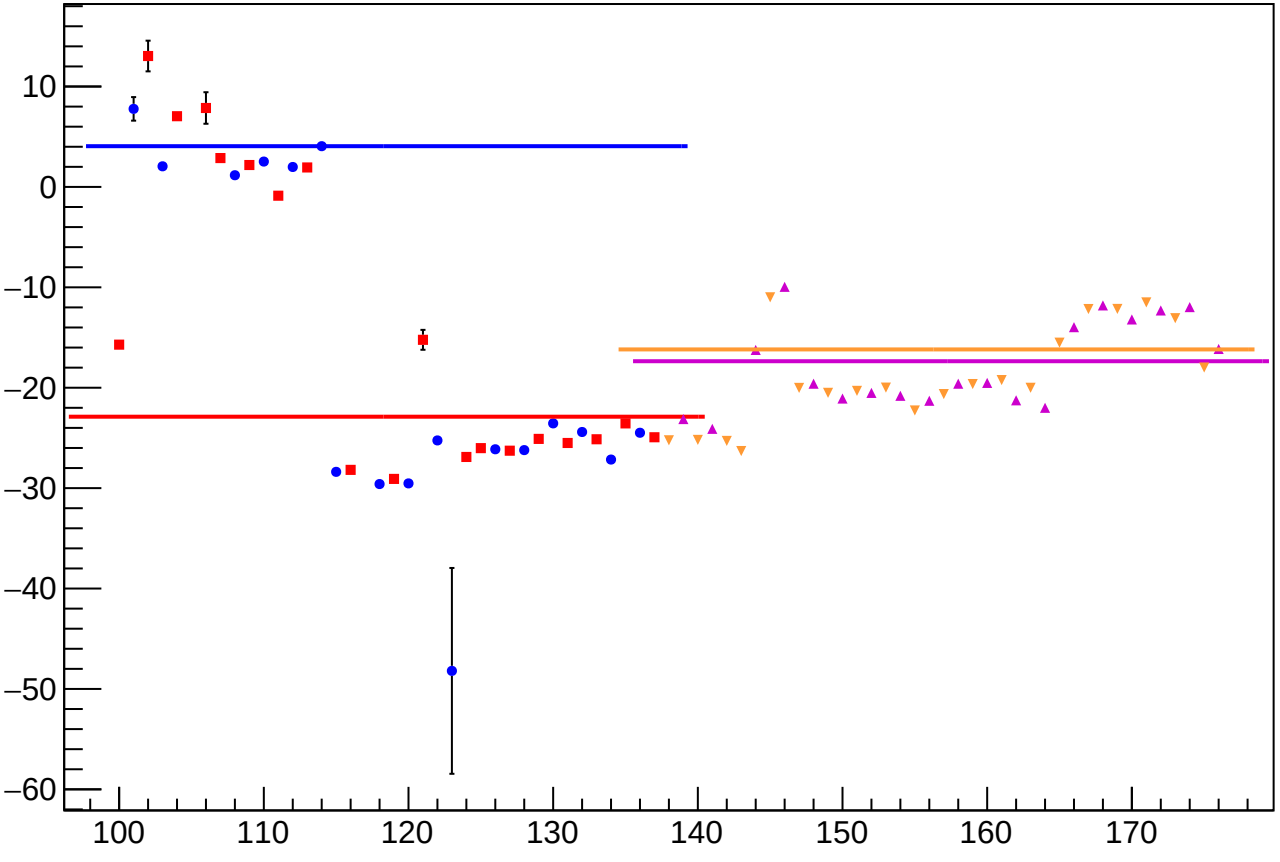
Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:36768.5/35

Out: -0.225+/-0.000 χ^2/NDF:142401.7/38

All: 0.888+/-0.000 χ^2/NDF: 422286601.8/74

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.185+/-0.010 χ^2/NDF:178069.1/19

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -17.360+/-0.009 χ^2/NDF:167852.5/18

Left: -16.832+/-0.007 χ^2/NDF: 352849.3/38

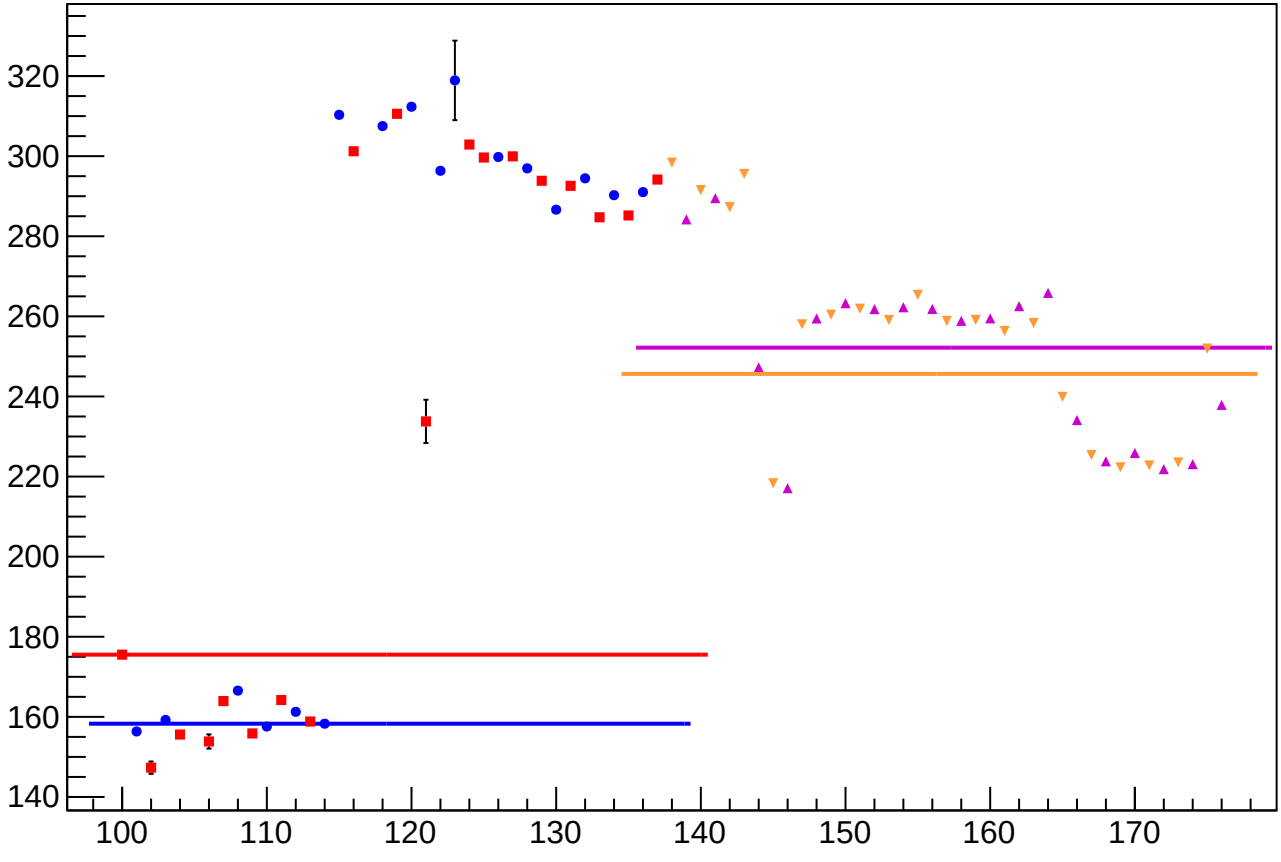
Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:6537710.5/35

Out: -17.101+/-0.010 χ^2/NDF:350516.8/38

All: 4.057+/-0.000 χ^2/NDF: 11612702.7/74

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 245.629+/-0.028 χ^2/NDF:702300.4/19

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 252.183+/-0.029 χ^2/NDF:356441.4/18

Left: 248.820+/-0.020 χ^2/NDF: 1085808.0/38

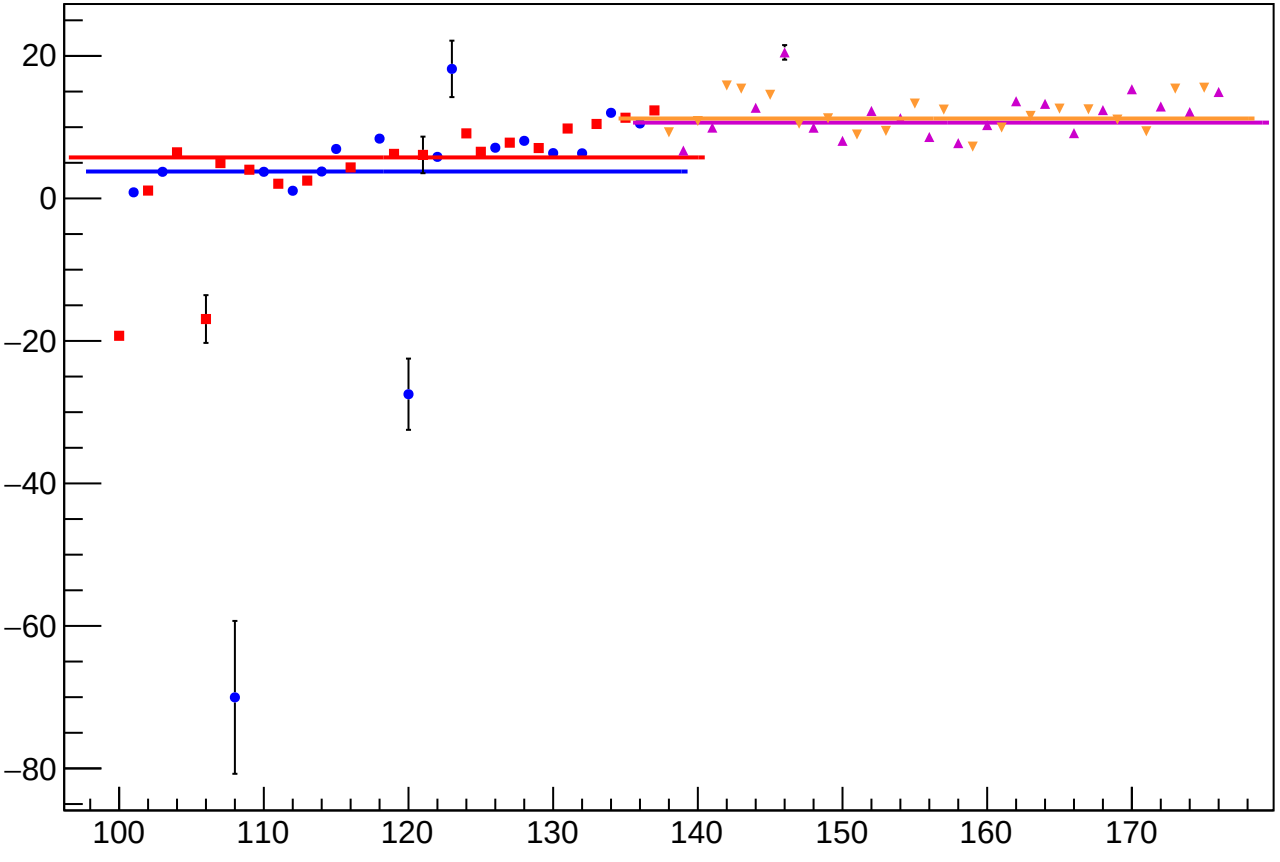
Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:13591761.8/35

Out: 175.536+/-0.000 χ^2/NDF:9162129.6/38

All: 172.618+/-0.000 χ^2/NDF: 37372749122

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 11.219+/-0.032 χ^2/NDF:3962.0/19

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 10.641+/-0.029 χ^2/NDF:9225.4/18

Left: 10.899+/-0.021 χ^2/NDF: 13368.4/38

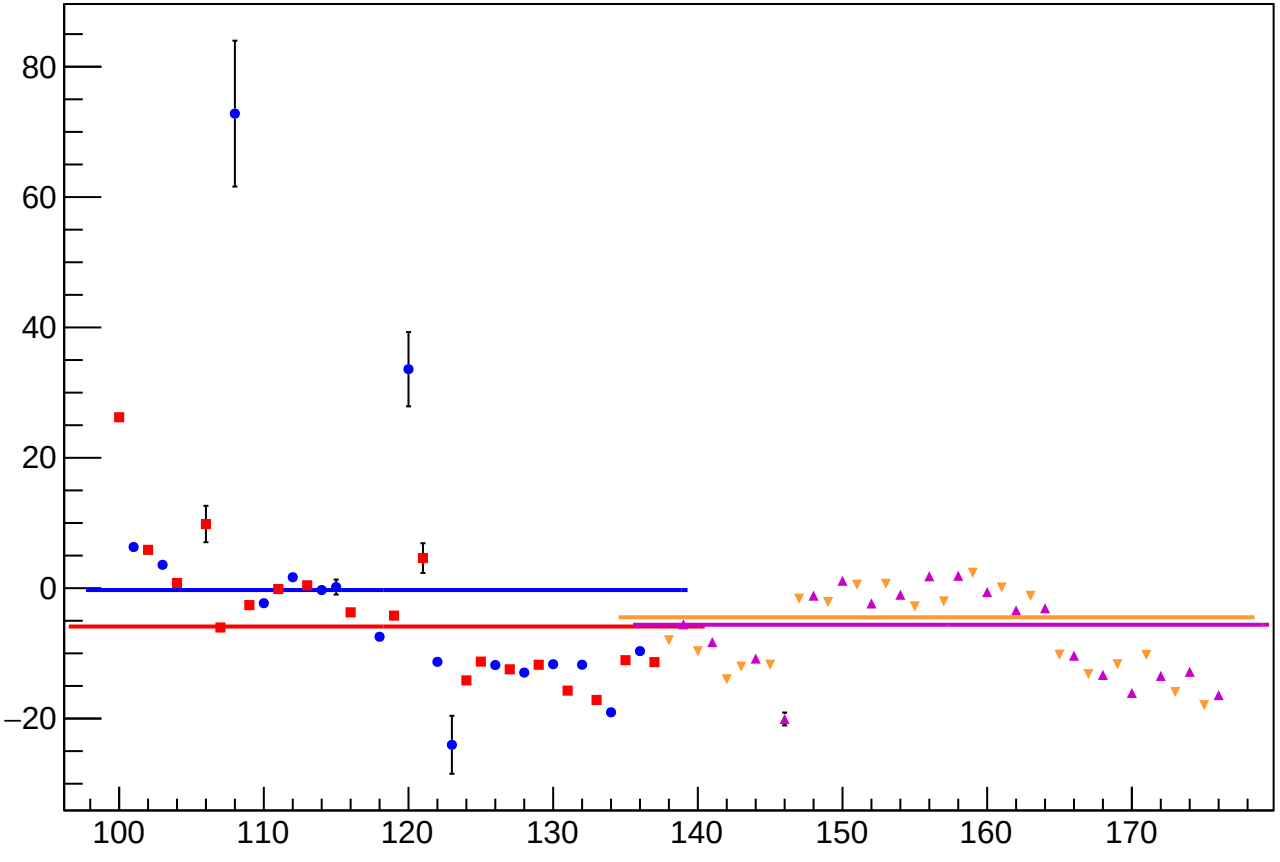
Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:73092.0/35

Out: 7.911+/-0.020 χ^2/NDF:43994.8/38

All: 3.778+/-0.000 χ^2/NDF: 159585.5/74

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -4.464+/-0.032 χ^2/NDF:32696.2/19

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -5.610+/-0.029 χ^2/NDF:50443.5/18

Left: -5.085+/-0.022 χ^2/NDF: 83842.4/38

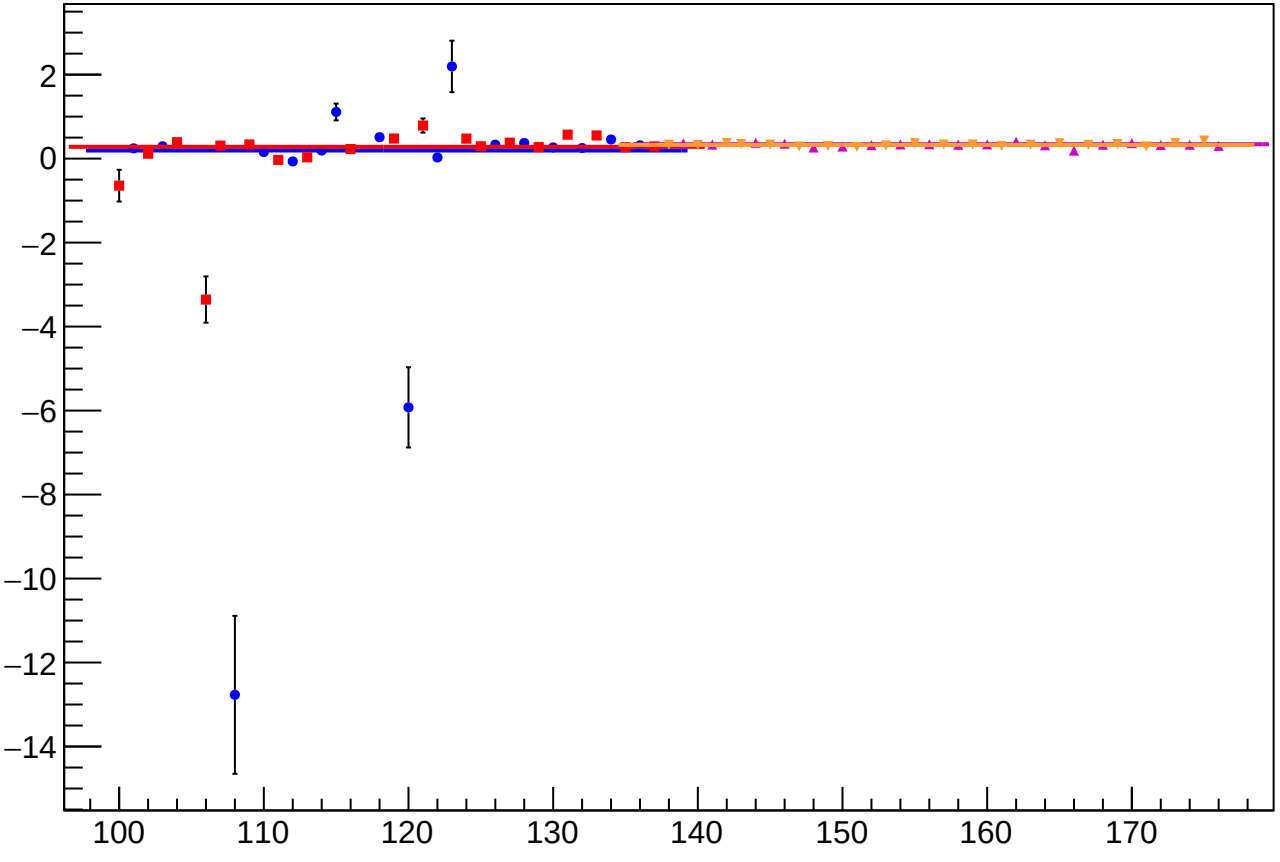
Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:127813.5/35

Out: -5.284+/-0.021 χ^2/NDF:97336.7/38

All: -0.287+/-0.000 χ^2/NDF: 283495.1/74

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.325+/-0.001 χ^2/NDF:2441.2/19

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.342+/-0.001 χ^2/NDF:3522.1/18

Left: 0.334+/-0.000 χ^2/NDF: 6448.9/38

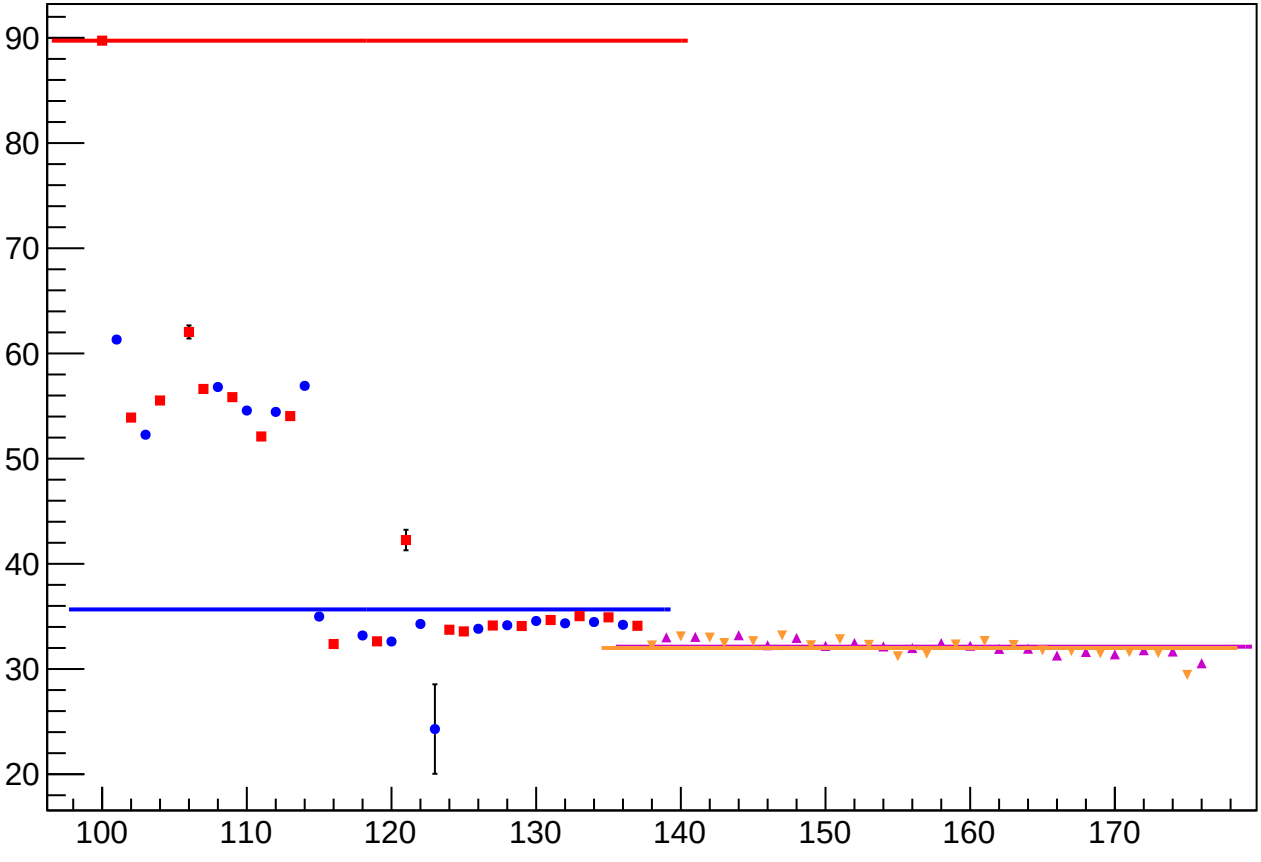
Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:88374.3/35

Out: 0.319+/-0.001 χ^2/NDF:9297.3/38

All: 0.193+/-0.000 χ^2/NDF: 154509.7/74

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.000+/-0.003 χ^2/NDF:23996.2/19

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.123+/-0.003 χ^2/NDF:14288.3/18

Left: 32.058+/-0.002 χ^2/NDF: 38958.7/38

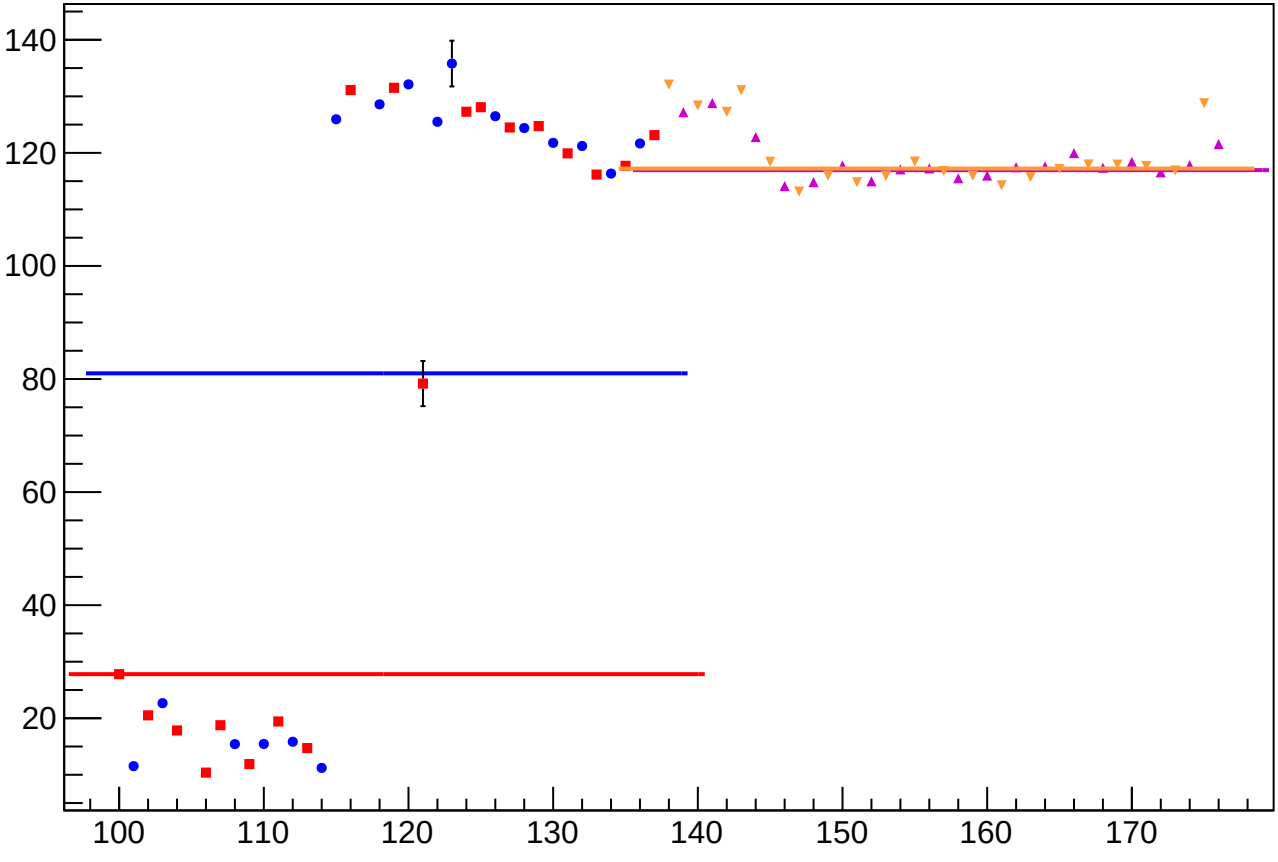
Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 32.424+/-0.003 χ^2/NDF:321755.1/35

Out: 89.735+/-0.000 χ^2/NDF:343582123.4/38

All: 89.735+/-0.000 χ^2/NDF: 643817046.2/74

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.229+/-0.008 χ^2/NDF:143320.4/19

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 116.951+/-0.009 χ^2/NDF:43827.2/18

Left: 117.106+/-0.006 χ^2/NDF: 187694.1/38

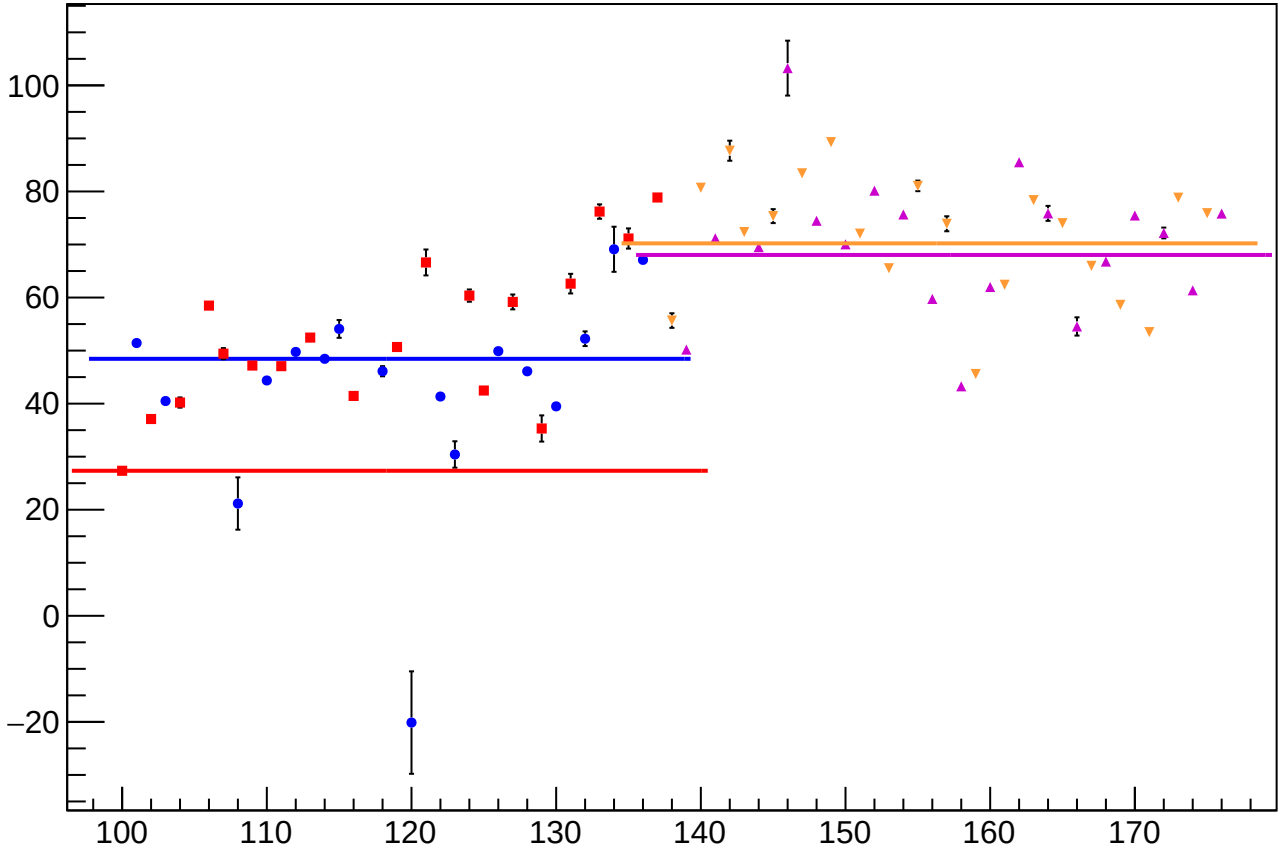
Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 114.734+/-0.009 χ^2/NDF:3289448.0/35

Out: 27.798+/-0.000 χ^2/NDF:136974453.7/38

All: 27.798+/-0.000 χ^2/NDF: 243014938.0/74

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 70.215+/-0.161 χ^2/NDF:5186.1/19

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 68.030+/-0.138 χ^2/NDF:5283.0/18

Left: 68.954+/-0.105 χ^2/NDF: 10575.5/38

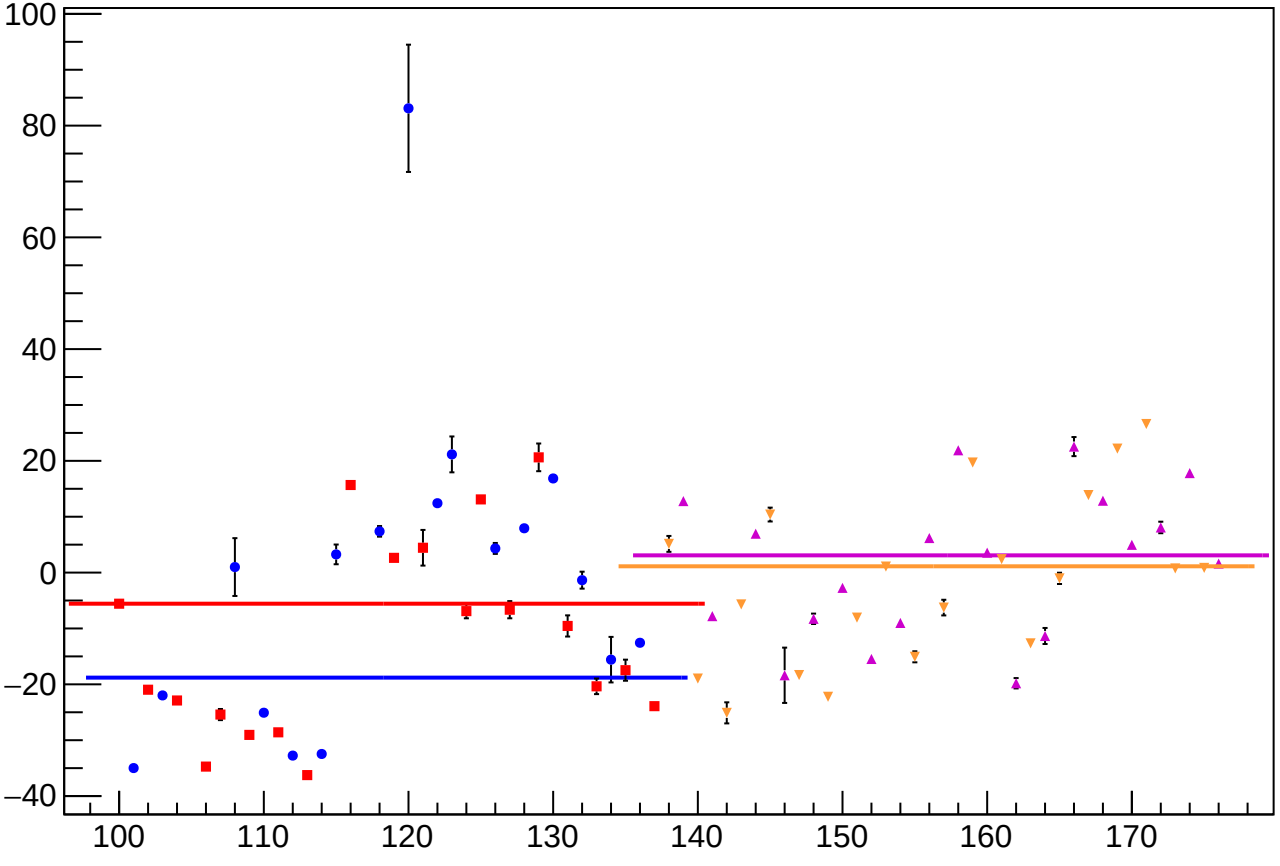
Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:28241.6/35

Out: 27.342+/-0.000 χ^2/NDF:101942.5/38

All: 28.365+/-0.000 χ^2/NDF: 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800+/-0.148 χ^2/NDF: 11764.7/16

Left Out: 1.126+/-0.160 χ^2/NDF:8097.8/19

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 3.085+/-0.138 χ^2/NDF:5646.2/18

Left: 2.248+/-0.105 χ^2/NDF: 13829.6/38

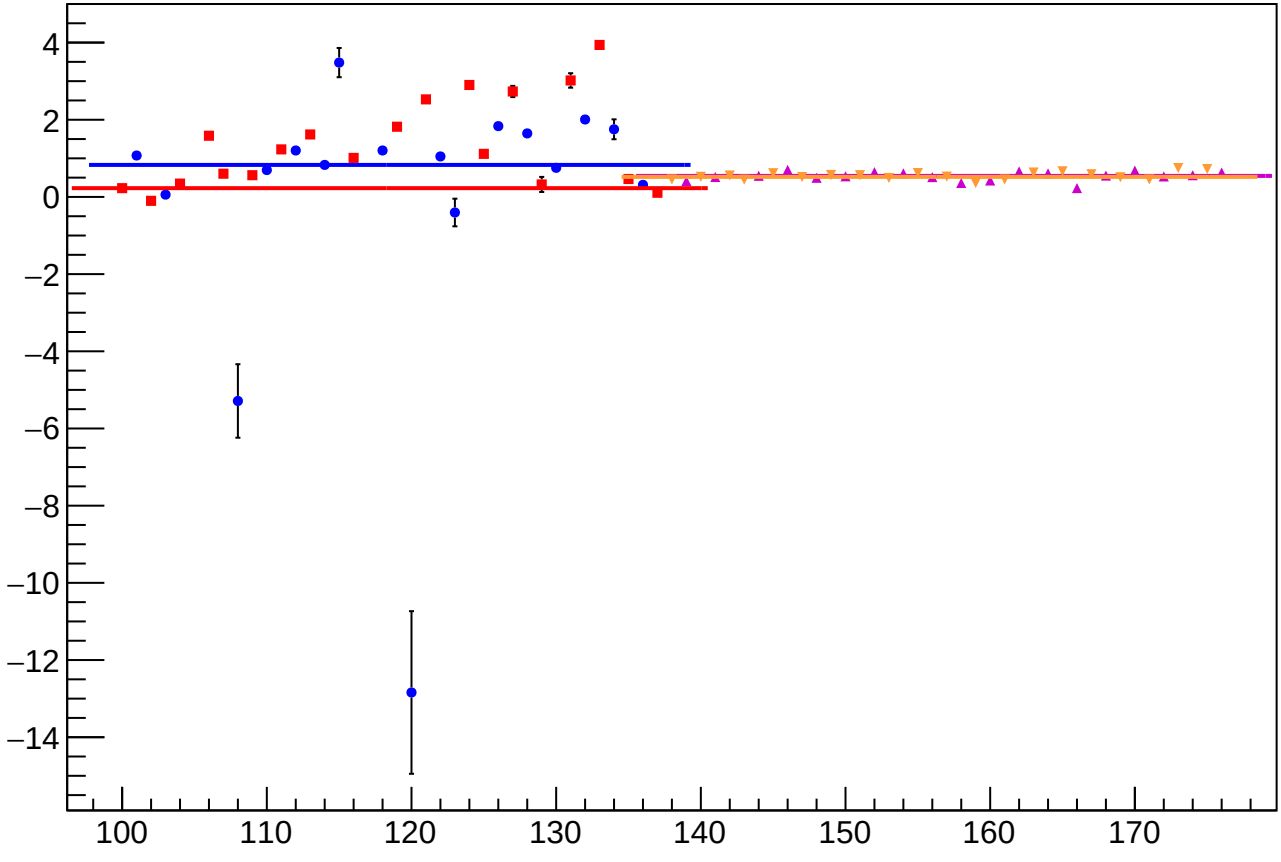
Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -7.094+/-0.101 χ^2/NDF:29037.6/35

Out: -5.568+/-0.000 χ^2/NDF:32940.0/38

All: -5.568+/-0.000 χ^2/NDF: 62204.9/74

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.520+/-0.001 χ^2/NDF:13496.6/19

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.545+/-0.001 χ^2/NDF:11036.5/18

Left: 0.533+/-0.001 χ^2/NDF: 24832.8/38

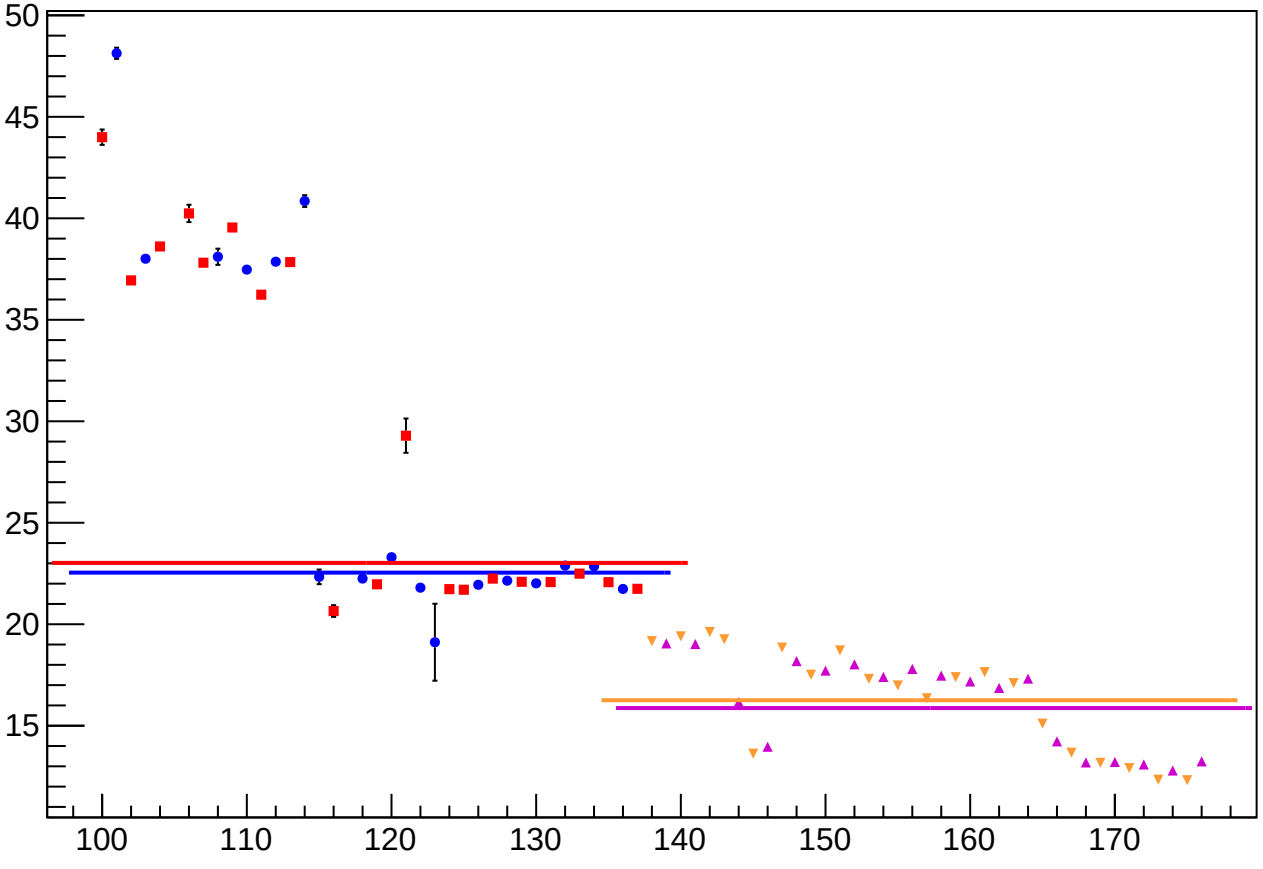
Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:112224.1/35

Out: 0.227+/-0.000 χ^2/NDF:102614.1/38

All: 0.289+/-0.000 χ^2/NDF: 29066082561457

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 16.256+/-0.005 χ^2/NDF:238977.1/19

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 15.870+/-0.005 χ^2/NDF:193278.4/18

Left: 16.078+/-0.004 χ^2/NDF: 435046.9/38

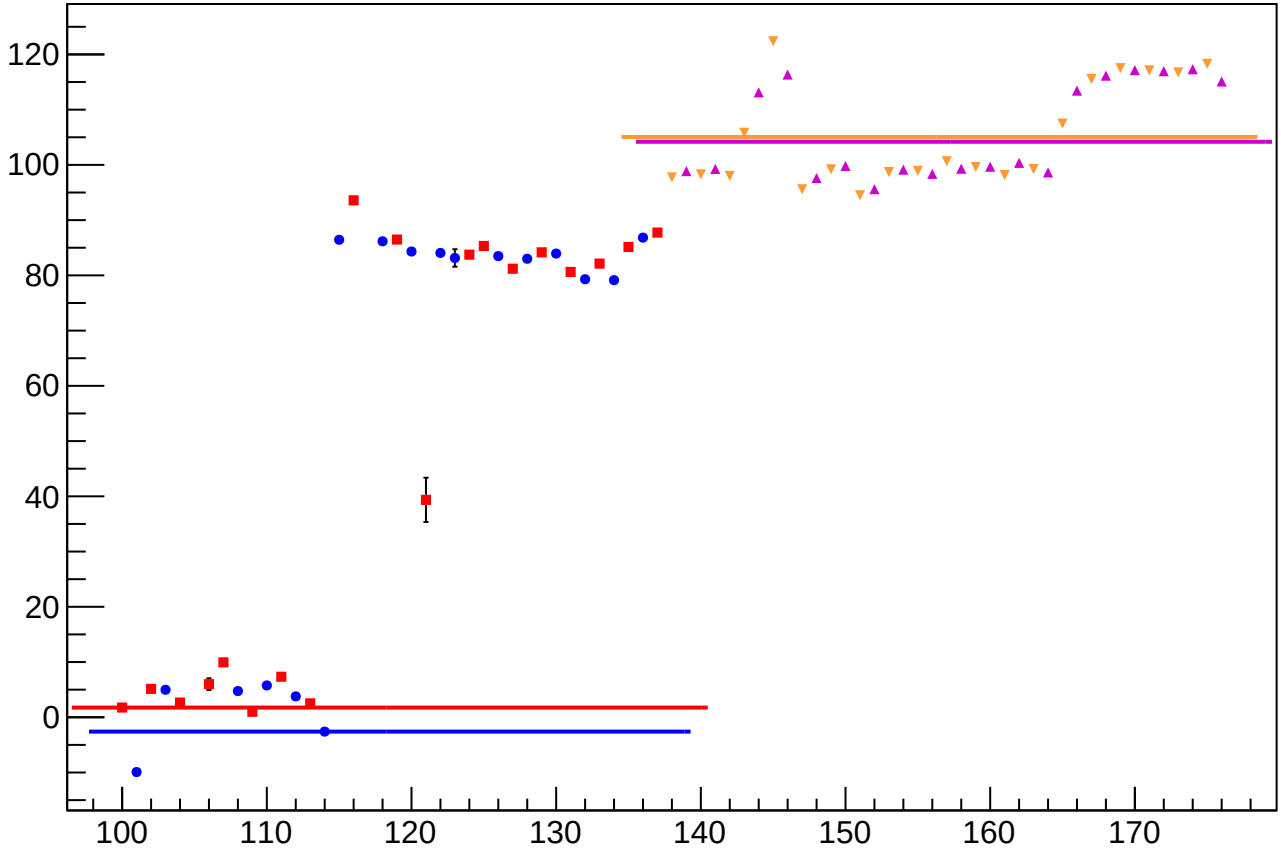
Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 17.536+/-0.005 χ^2/NDF:684187.8/35

Out: 17.821+/-0.004 χ^2/NDF:834957.4/38

All: 17.688+/-0.003 χ^2/NDF: 1521143.2/74

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 105.057+/-0.011 χ^2/NDF:701040.7/19

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 104.186+/-0.011 χ^2/NDF:588847.4/18

Left: 104.626+/-0.008 χ^2/NDF: 1293218.8/38

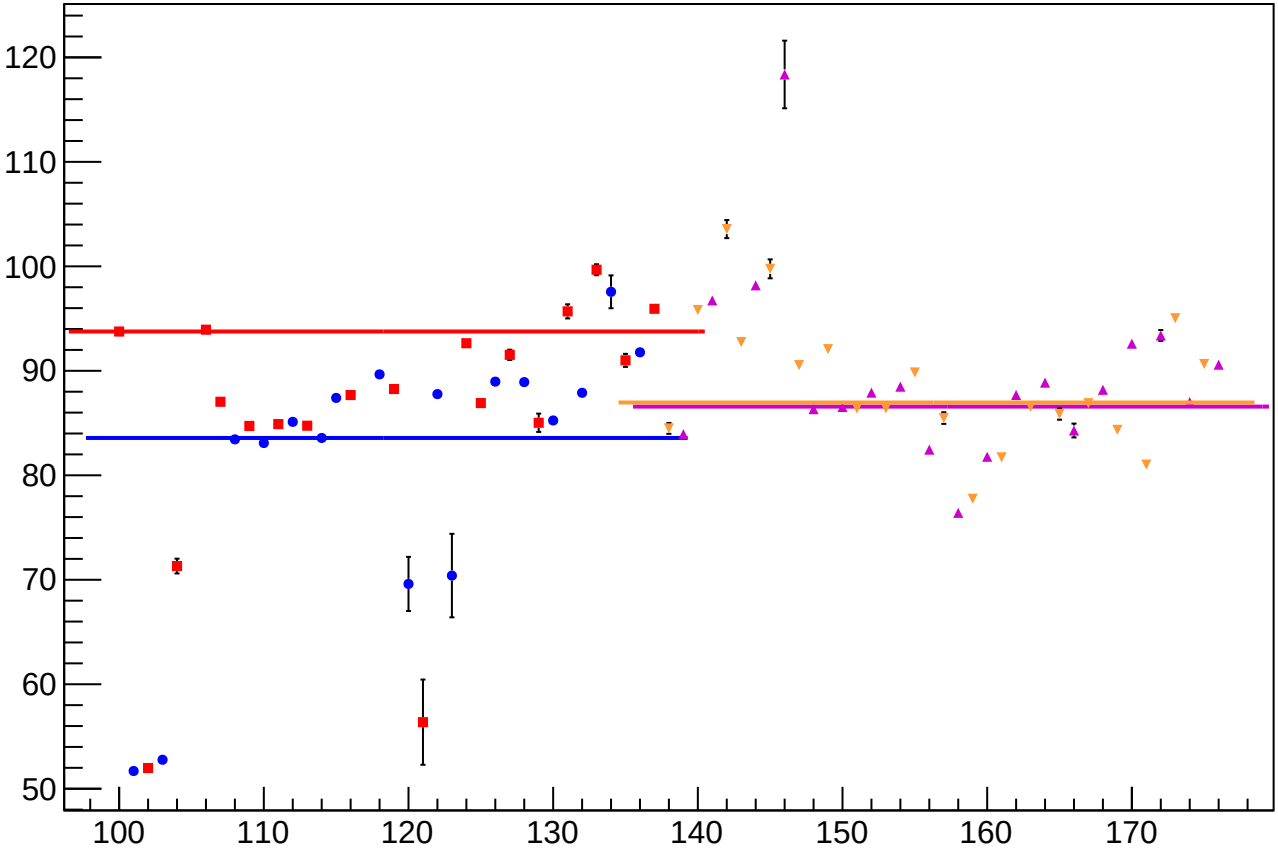
Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:107013202.8/35

Out: 1.758+/-0.000 χ^2/NDF:99640959.4/38

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 86.968+/-0.068 χ^2/NDF:6887.9/19

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 86.576+/-0.056 χ^2/NDF:7626.2/18

Left: 86.733+/-0.043 χ^2/NDF: 14534.2/38

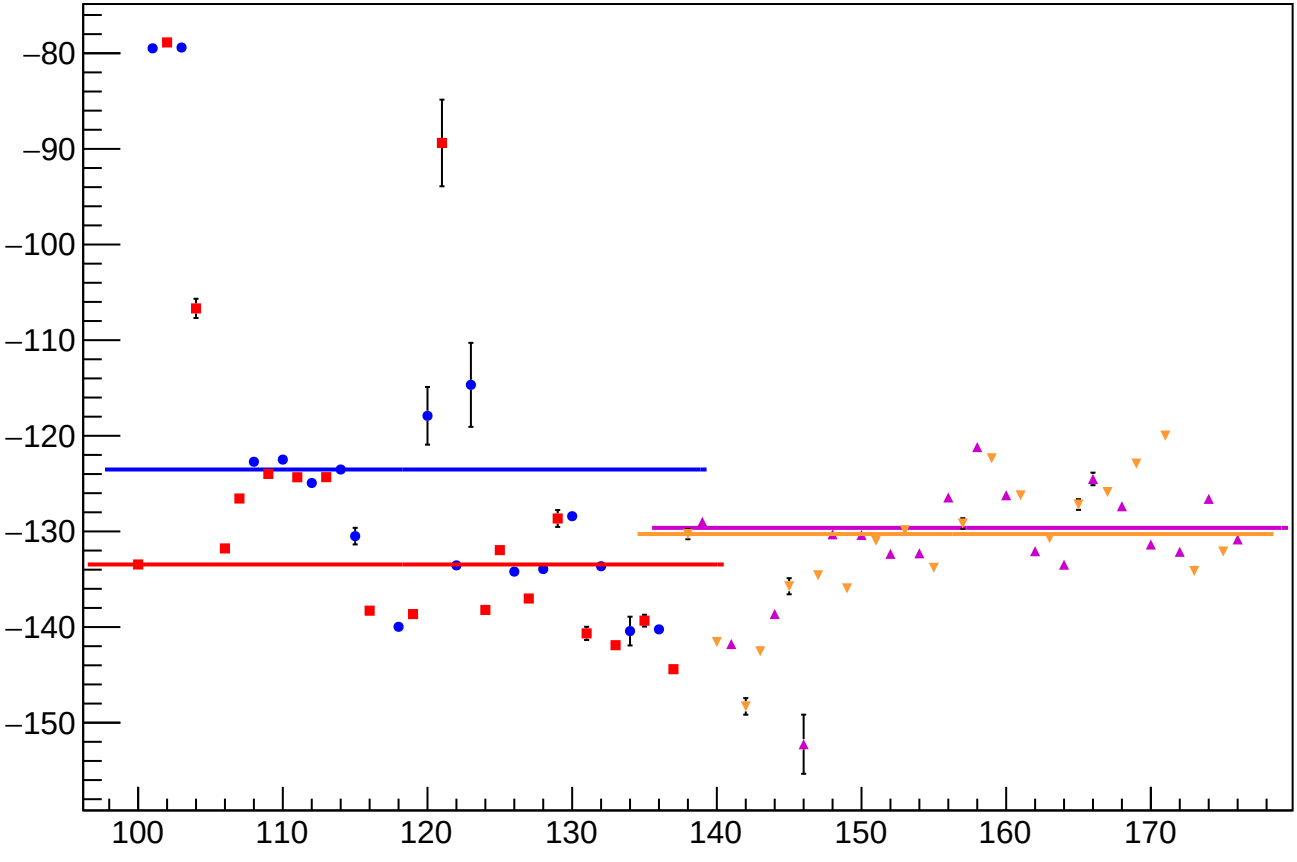
Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:60015.7/35

Out: 93.762+/-0.000 χ^2/NDF:99801.8/38

All: 87.169+/-0.000 χ^2/NDF: 1995684404141

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF: 160356.5/16

Left Out: -130.274+/-0.067 χ^2/NDF:9421.6/19

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -129.629+/-0.055 χ^2/NDF:5641.4/18

Left: -129.890+/-0.043 χ^2/NDF: 15118.1/38

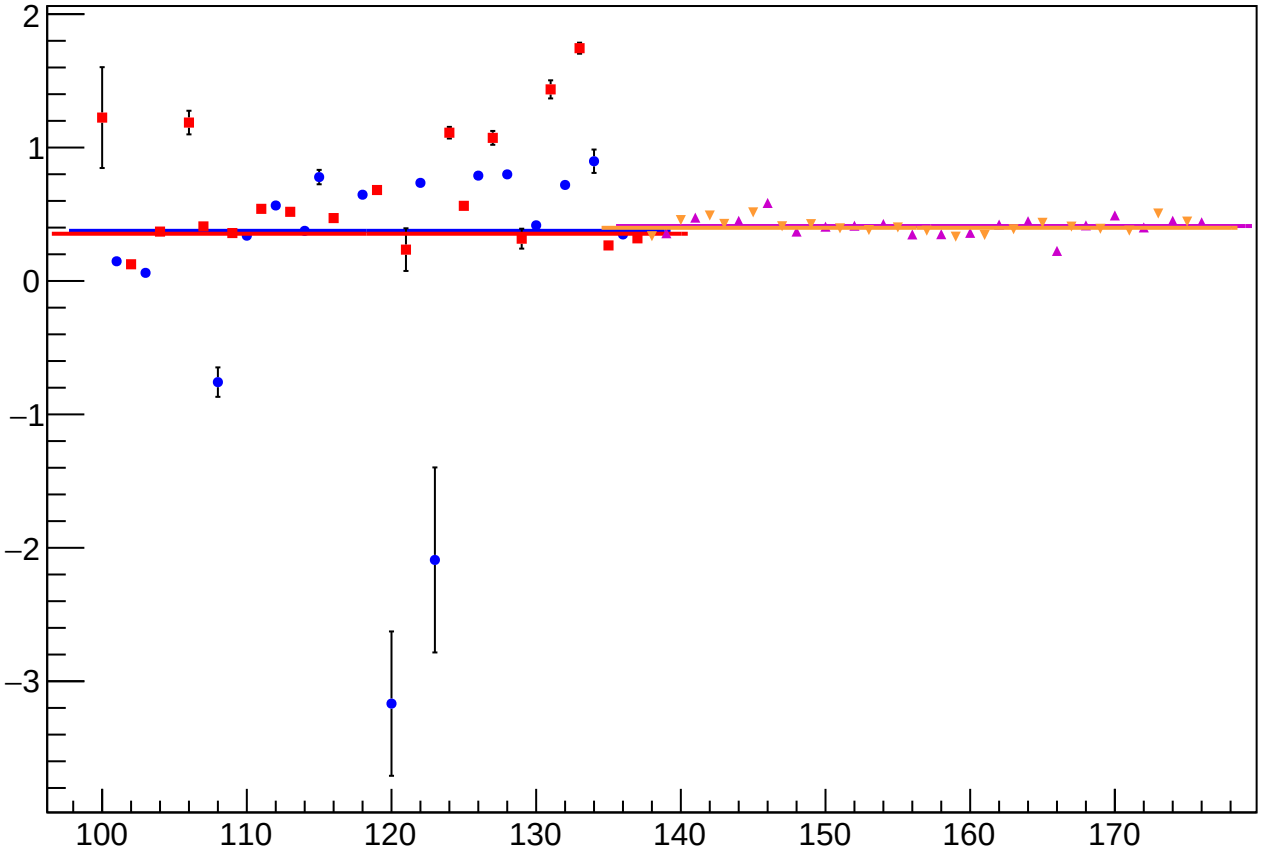
Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:178200.5/35

Out: -133.456+/-0.000 χ^2/NDF:406576.6/38

All: -124.716+/-0.000 χ^2/NDF: 64467869901

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF: 3961.7/16

Left Out: 0.398+/-0.001 χ^2/NDF:7942.6/19

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.412+/-0.000 χ^2/NDF:8160.2/18

Left: 0.406+/-0.000 χ^2/NDF: 16467.1/38

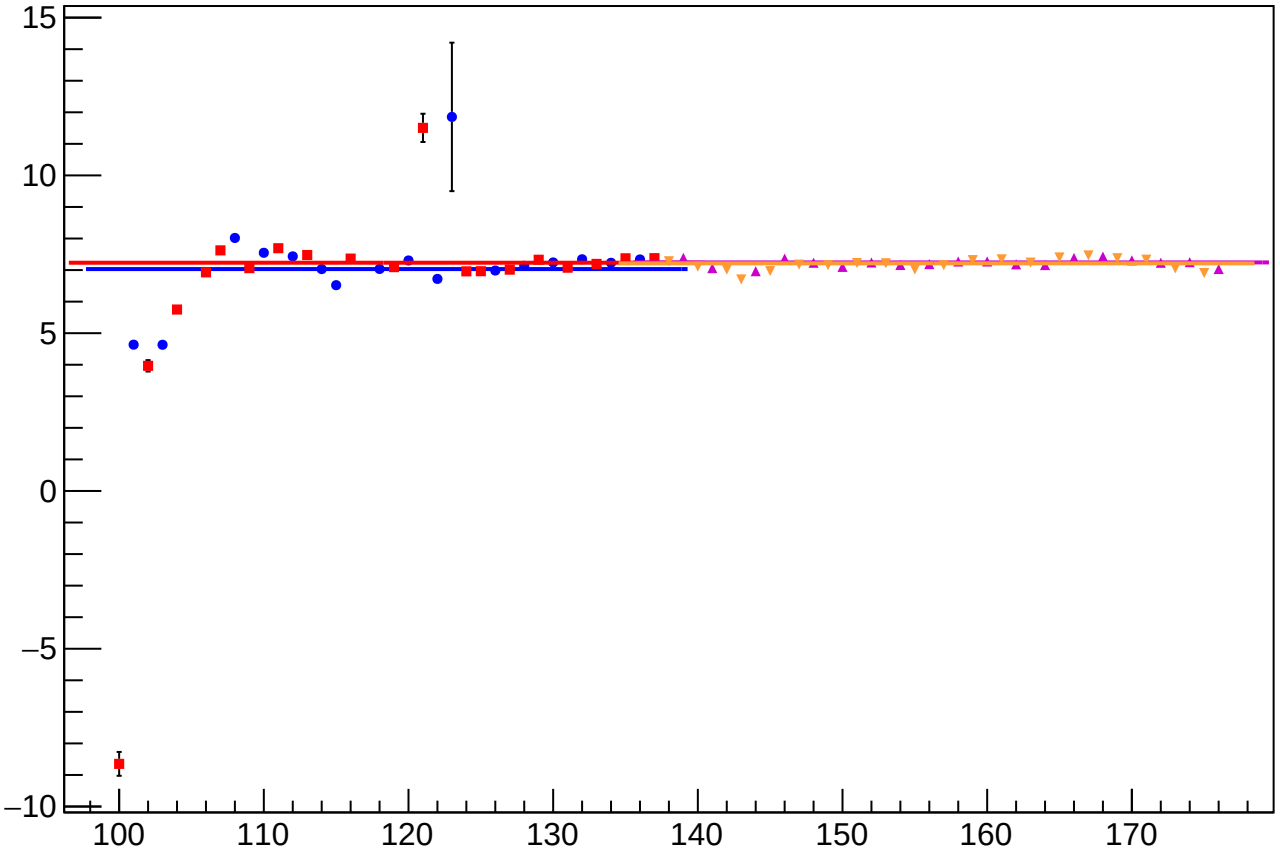
Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:18176.9/35

Out: 0.394+/-0.000 χ^2/NDF:13311.1/38

All: 0.376+/-0.000 χ^2/NDF: 32833.6/74

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.213+/-0.001 χ^2/NDF:30532.0/19

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.243+/-0.001 χ^2/NDF:18312.1/18

Left: 7.229+/-0.001 χ^2/NDF: 49402.0/38

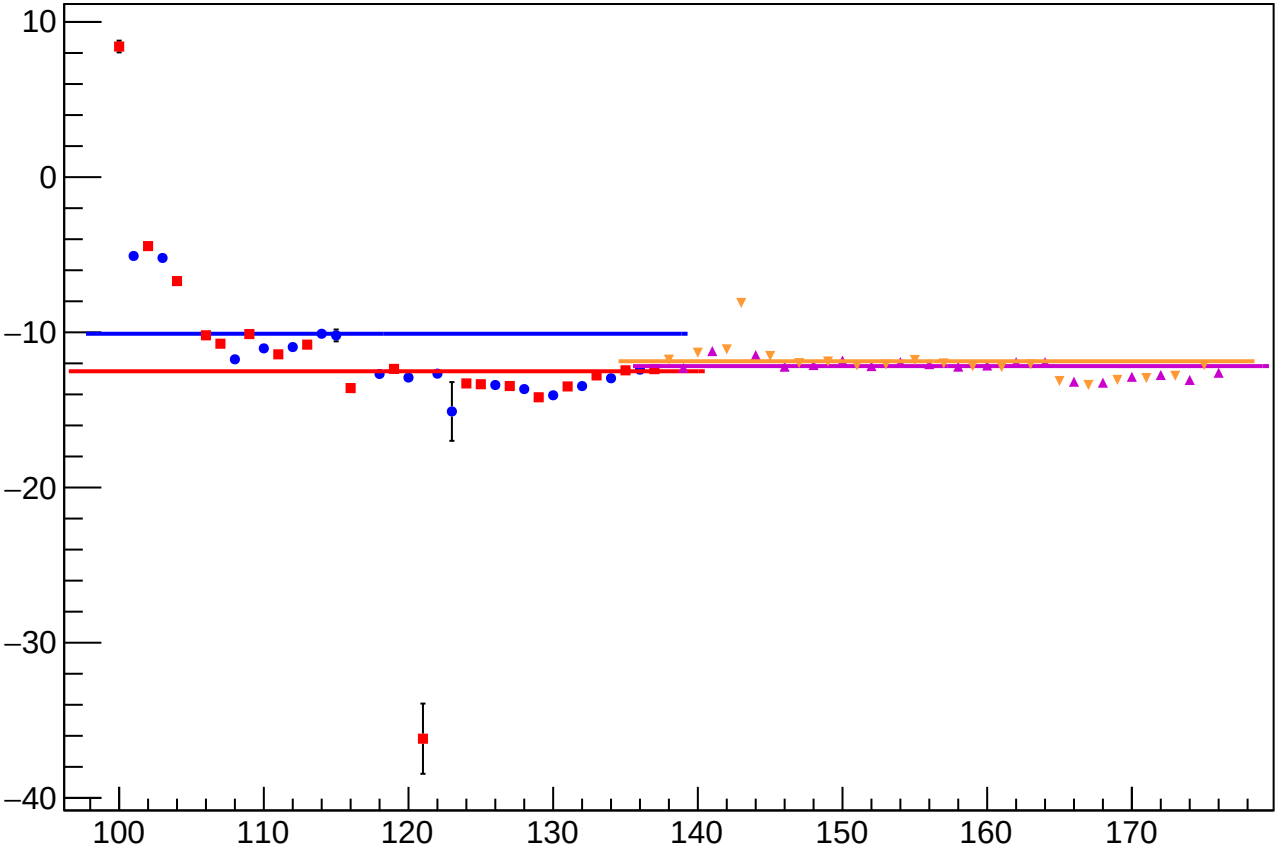
Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:100459.2/35

Out: 7.216+/-0.001 χ^2/NDF:40655.6/38

All: 7.032+/-0.000 χ^2/NDF: 186239.7/74

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.863+/-0.002 χ^2/NDF:484171.9/19

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -12.177+/-0.002 χ^2/NDF:48086.1/18

Left: -12.021+/-0.001 χ^2/NDF: 548348.1/38

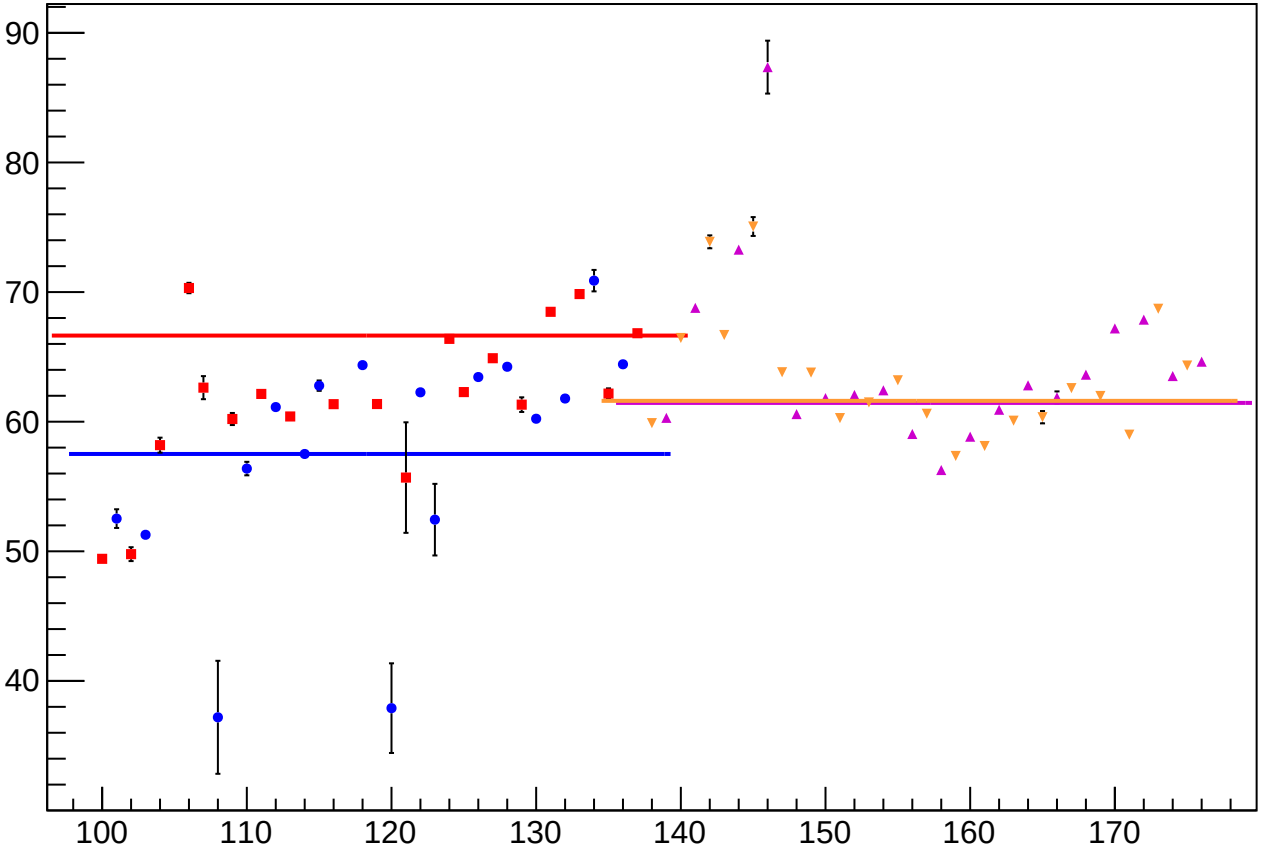
Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:2024330.4/35

Out: -11.979+/-0.002 χ^2/NDF:611998.9/38

All: -10.092+/-0.000 χ^2/NDF: 4038566.8/74

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.607+/-0.041 χ^2/NDF:7073.6/19

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 61.450+/-0.034 χ^2/NDF:8265.7/18

Left: 61.514+/-0.026 χ^2/NDF: 15347.9/38

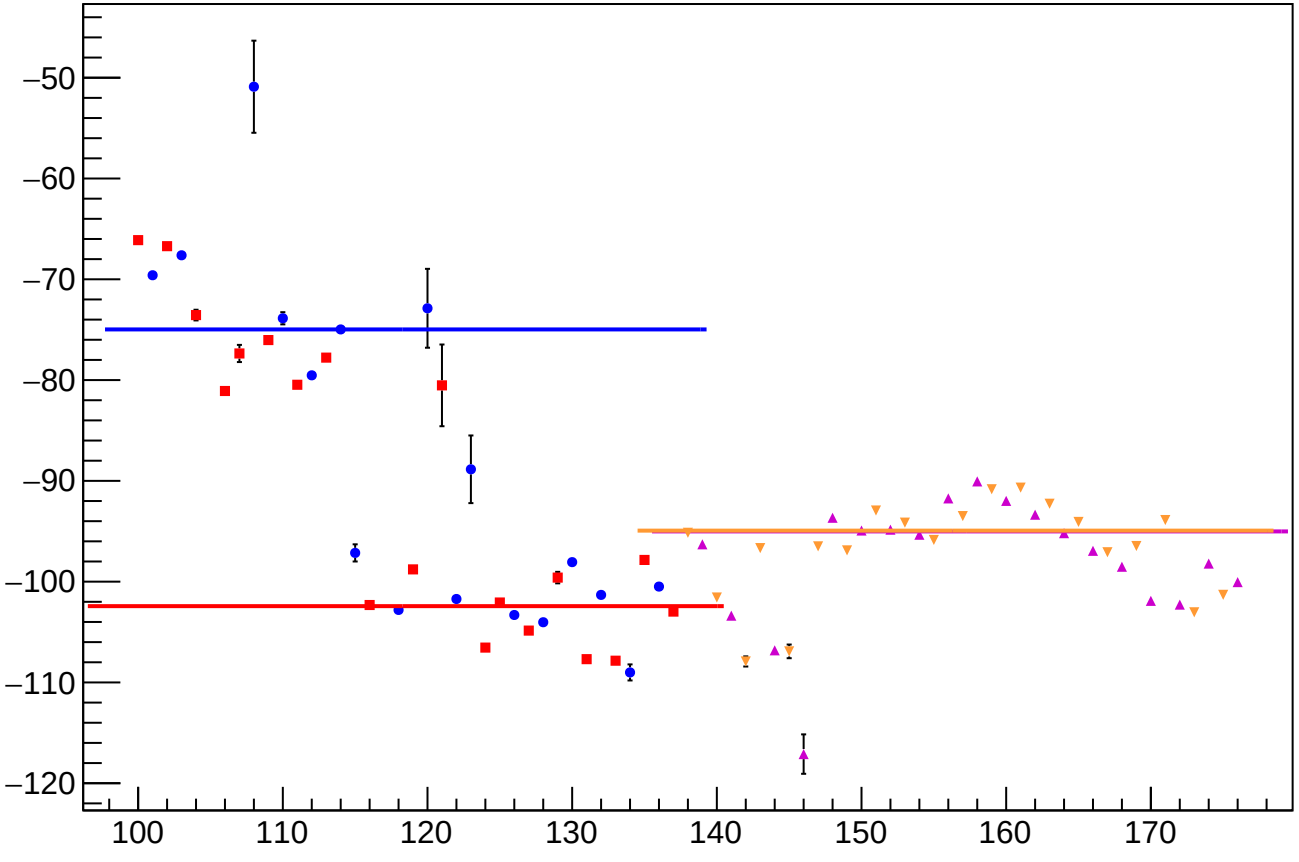
Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:29602.0/35

Out: 66.188+/-0.012 χ^2/NDF:28712.2/38

All: 57.510+/-0.000 χ^2/NDF: 542811.8/74

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -94.938+/-0.041 χ^2/NDF:8386.8/19

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -95.016+/-0.035 χ^2/NDF:10195.7/18

Left: -94.983+/-0.027 χ^2/NDF: 18584.6/38

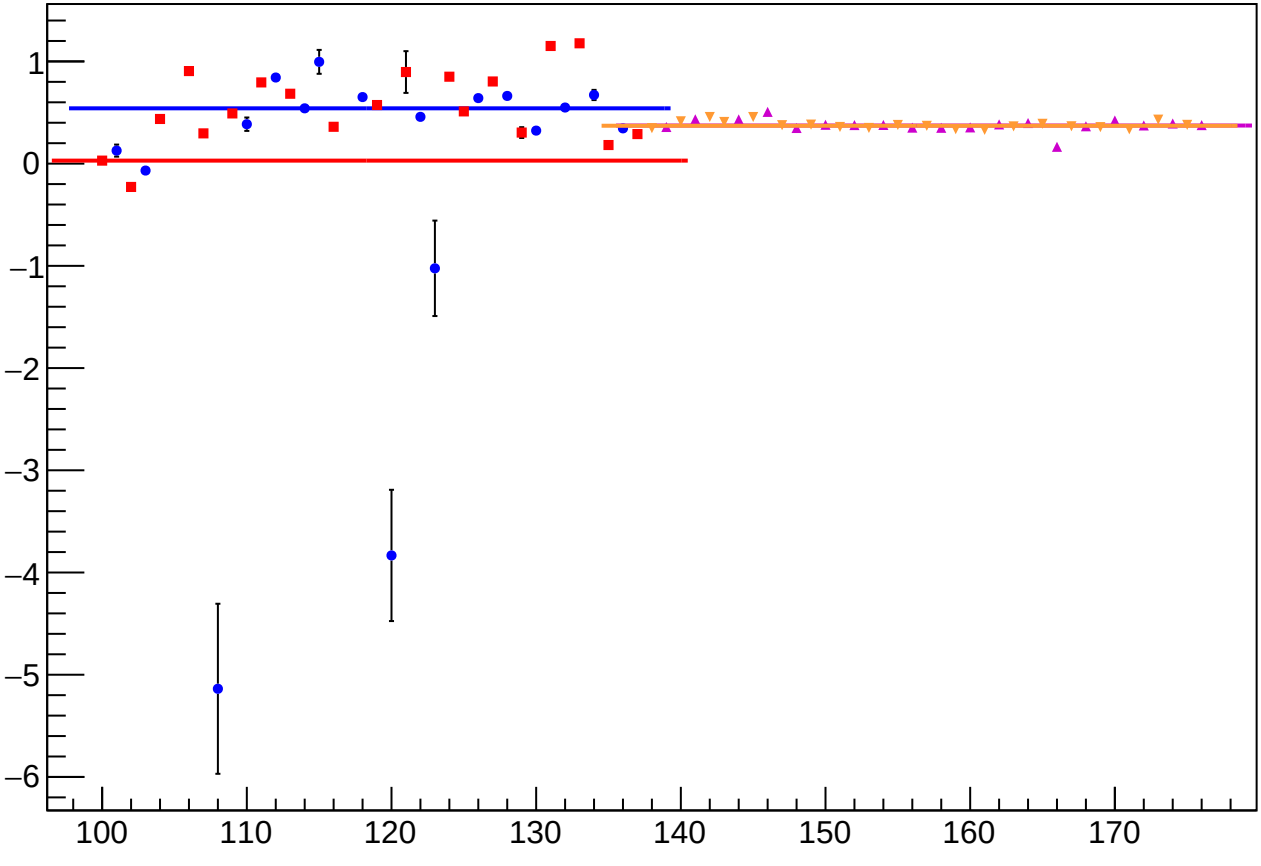
Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:471387.8/35

Out: -101.250+/-0.016 χ^2/NDF:86641.5/38

All: -74.974+/-0.000 χ^2/NDF: 3140677.1/74

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.371+/-0.000 χ^2/NDF:6331.2/19

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.373+/-0.000 χ^2/NDF:5888.2/18

Left: 0.372+/-0.000 χ^2/NDF: 12236.7/38

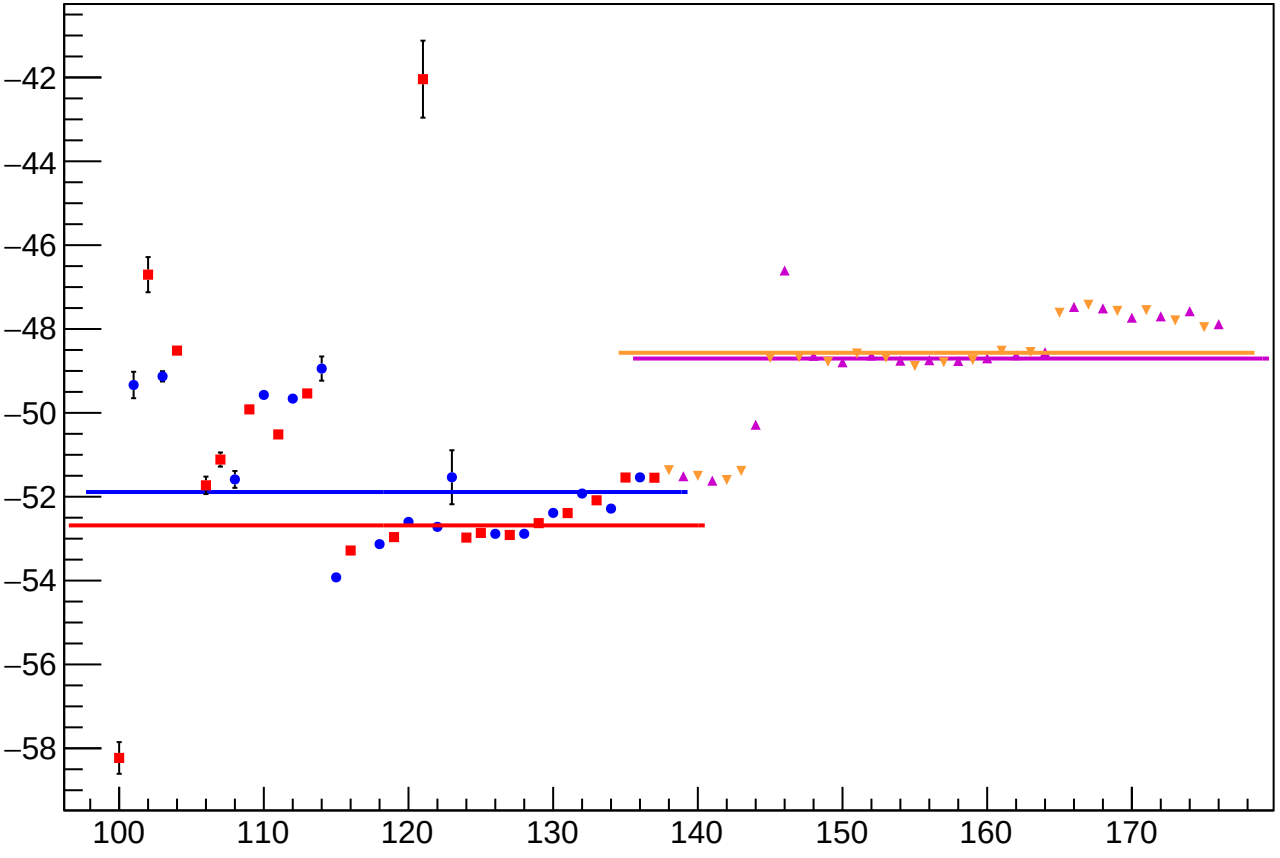
Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:326939.4/35

Out: 0.030+/-0.000 χ^2/NDF:942746.0/38

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -48.567+/-0.001 χ^2/NDF:651313.2/19

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -48.704+/-0.001 χ^2/NDF:774968.4/18

Left: -48.646+/-0.001 χ^2/NDF: 1434999.8/38

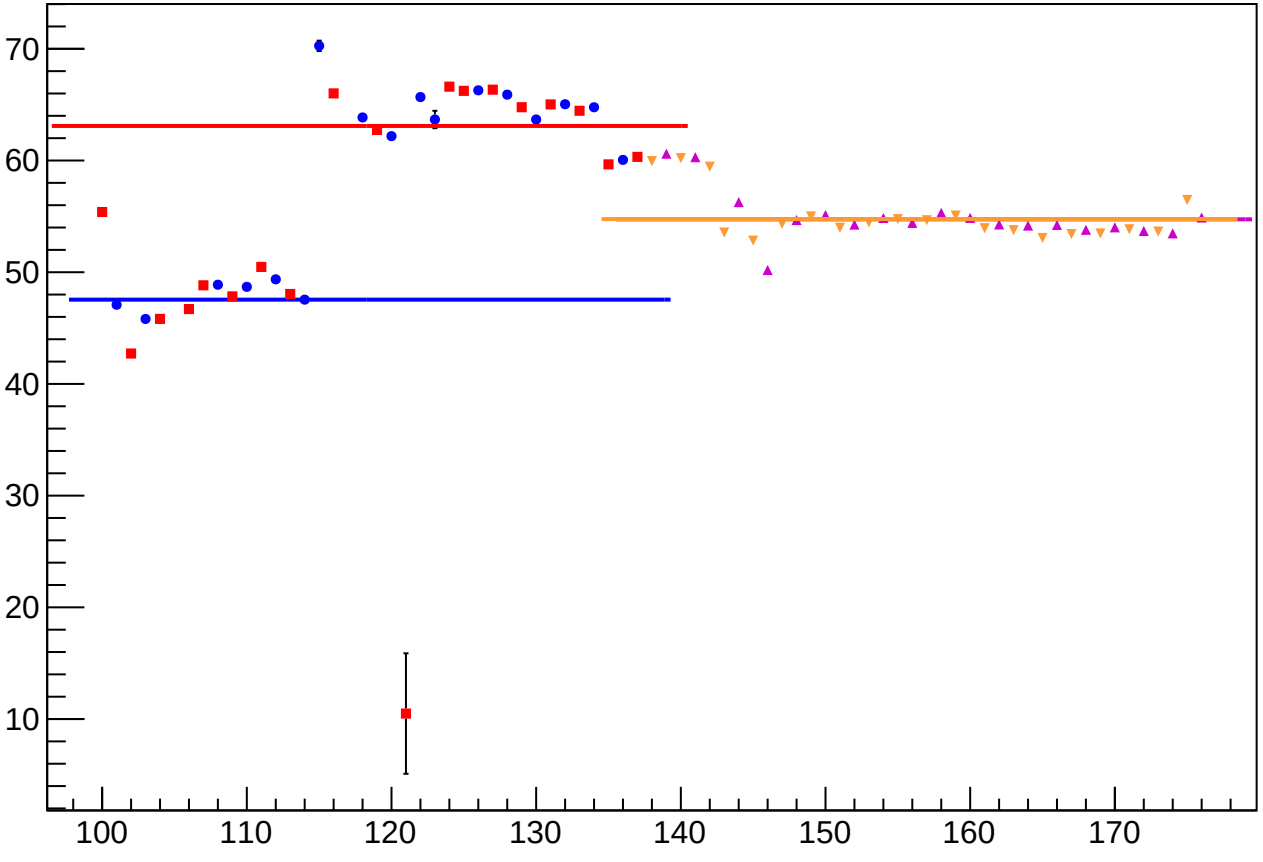
Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -49.199+/-0.001 χ^2/NDF:2576761.2/35

Out: -49.223+/-0.001 χ^2/NDF:2881862.4/38

All: -49.209+/-0.001 χ^2/NDF: 5458942.4/74

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 54.761+/-0.003 χ^2/NDF:283396.4/19

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.736+/-0.003 χ^2/NDF:93627.0/18

Left: 54.747+/-0.002 χ^2/NDF: 377061.2/38

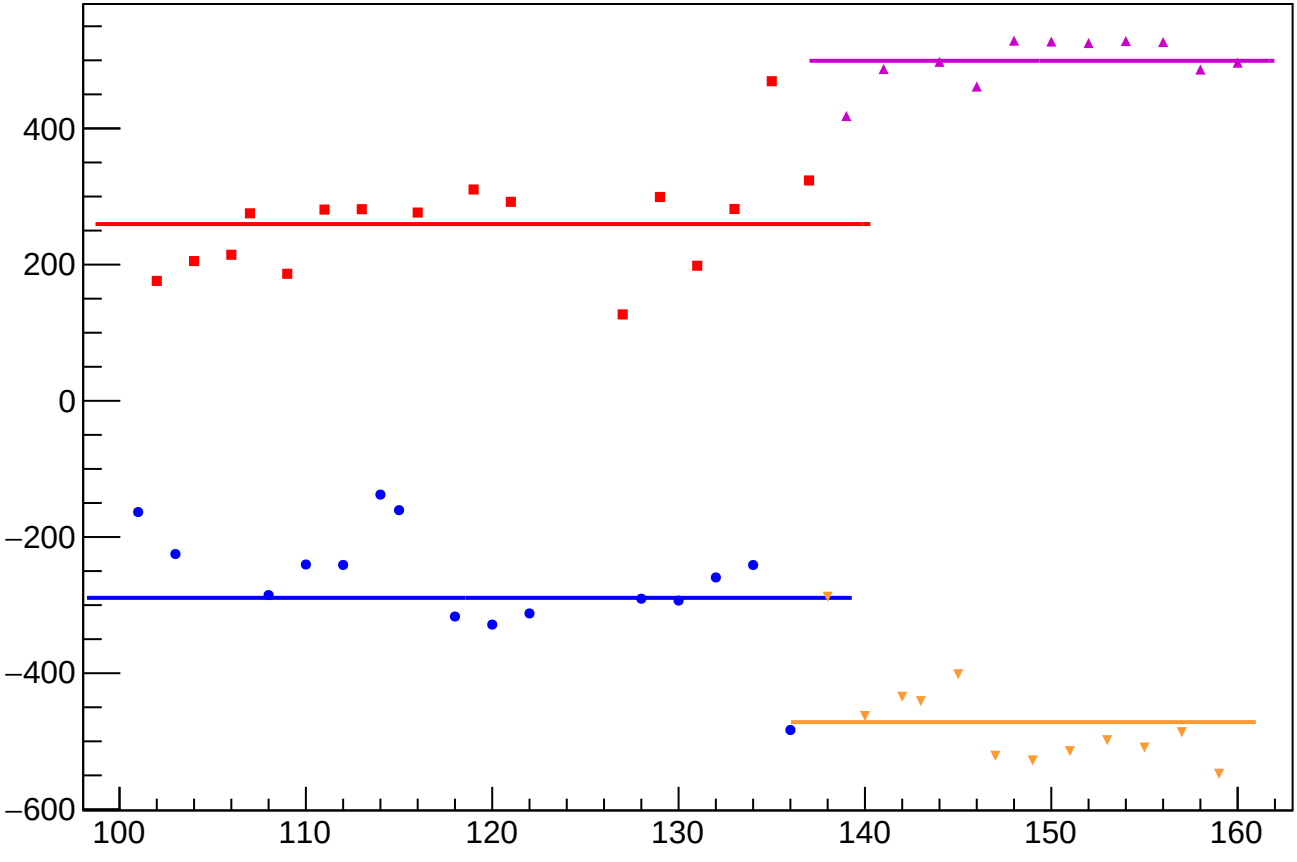
Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:11101516.1/35

Out: 55.906+/-0.003 χ^2/NDF:1689888.1/38

All: 47.545+/-0.000 χ^2/NDF: 21897758.9/74

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 16.408+/-0.000 χ^2/NDF: 4387510726187305

Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

In: 173.938+/-0.000 χ^2/NDF:2434992102571034

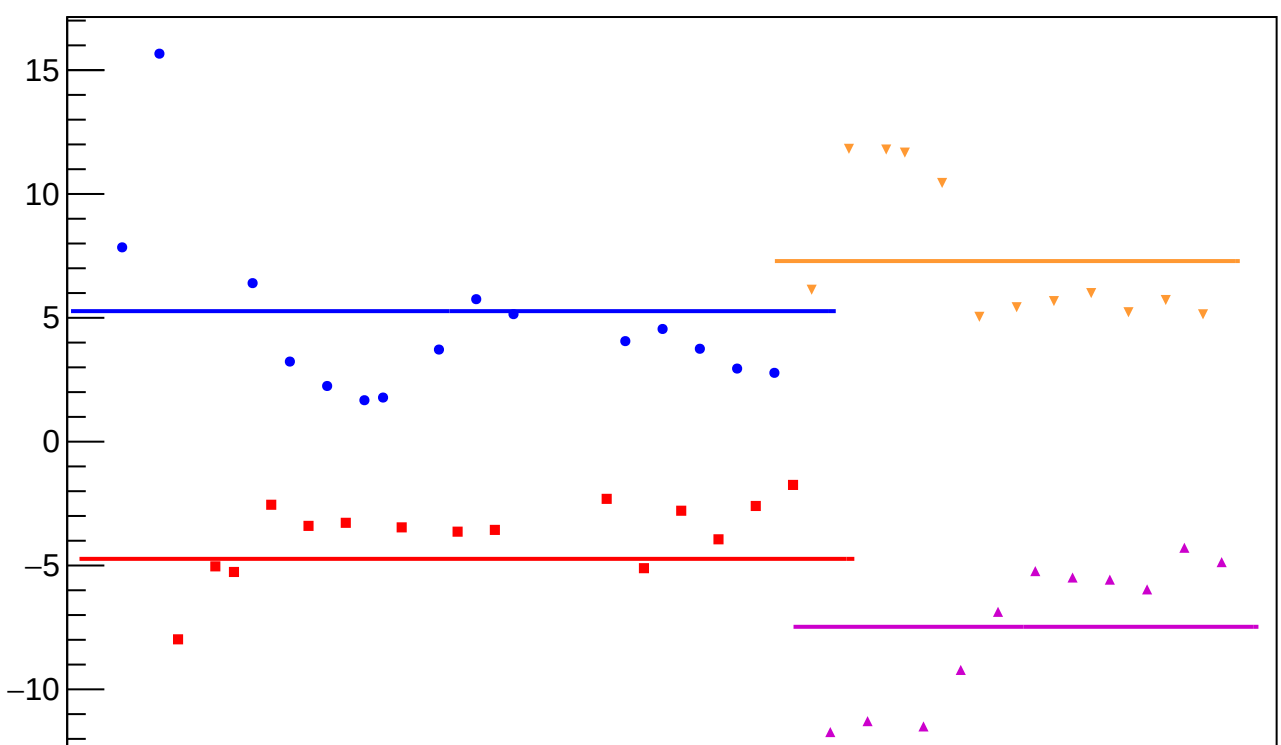
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

Out: -163.246+/-0.000 χ^2/NDF:214955339400548

Left In: 499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655114 24.0/10

All: 4.918+/-0.000 χ^2/NDF: 5481010805807

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.132+/-0.000 χ^2/NDF: 11395661588137733

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

Left Out: 7.291+/-0.000 χ^2/NDF:67180535151728638858364323511664 64.0/11

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

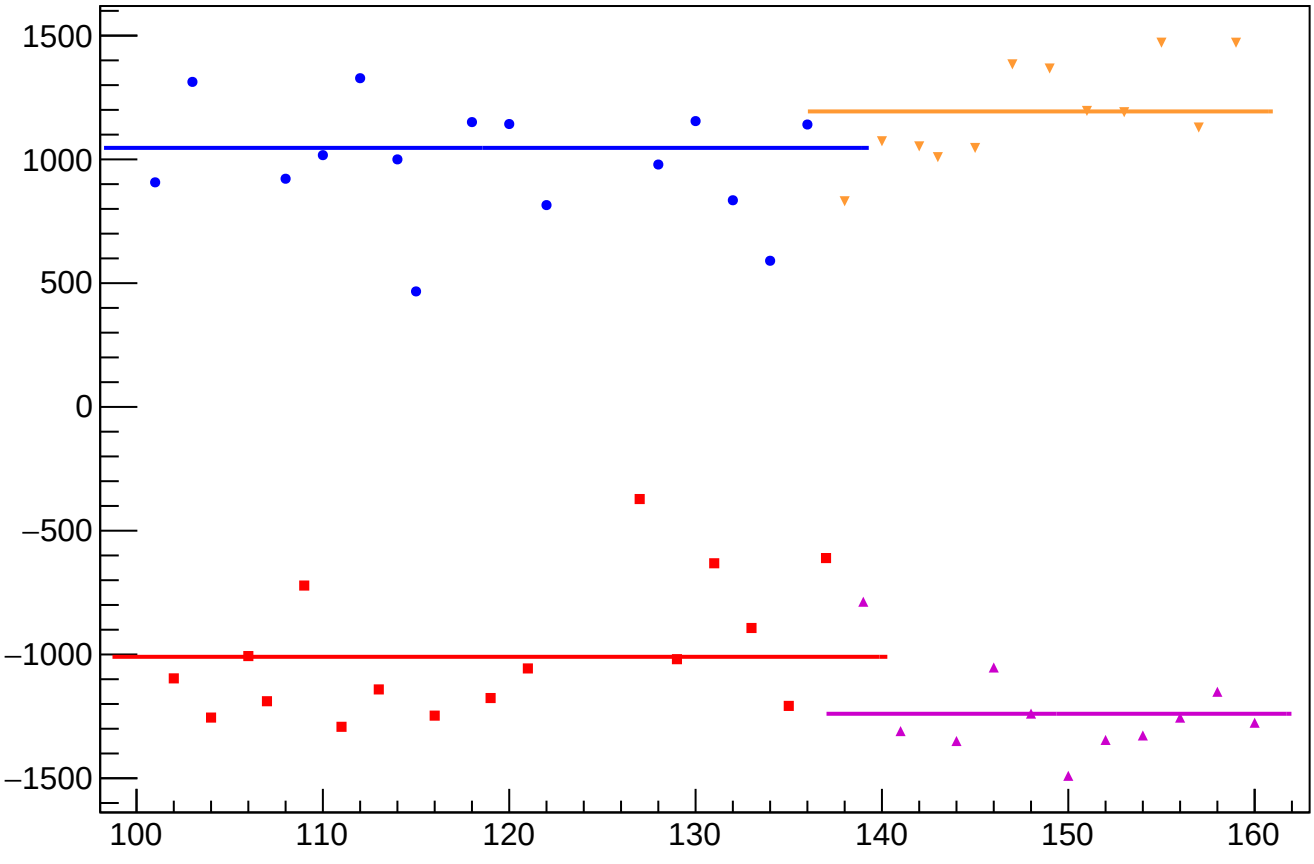
Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: 2.219+/-0.000 χ^2/NDF:69311143911144933 8

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

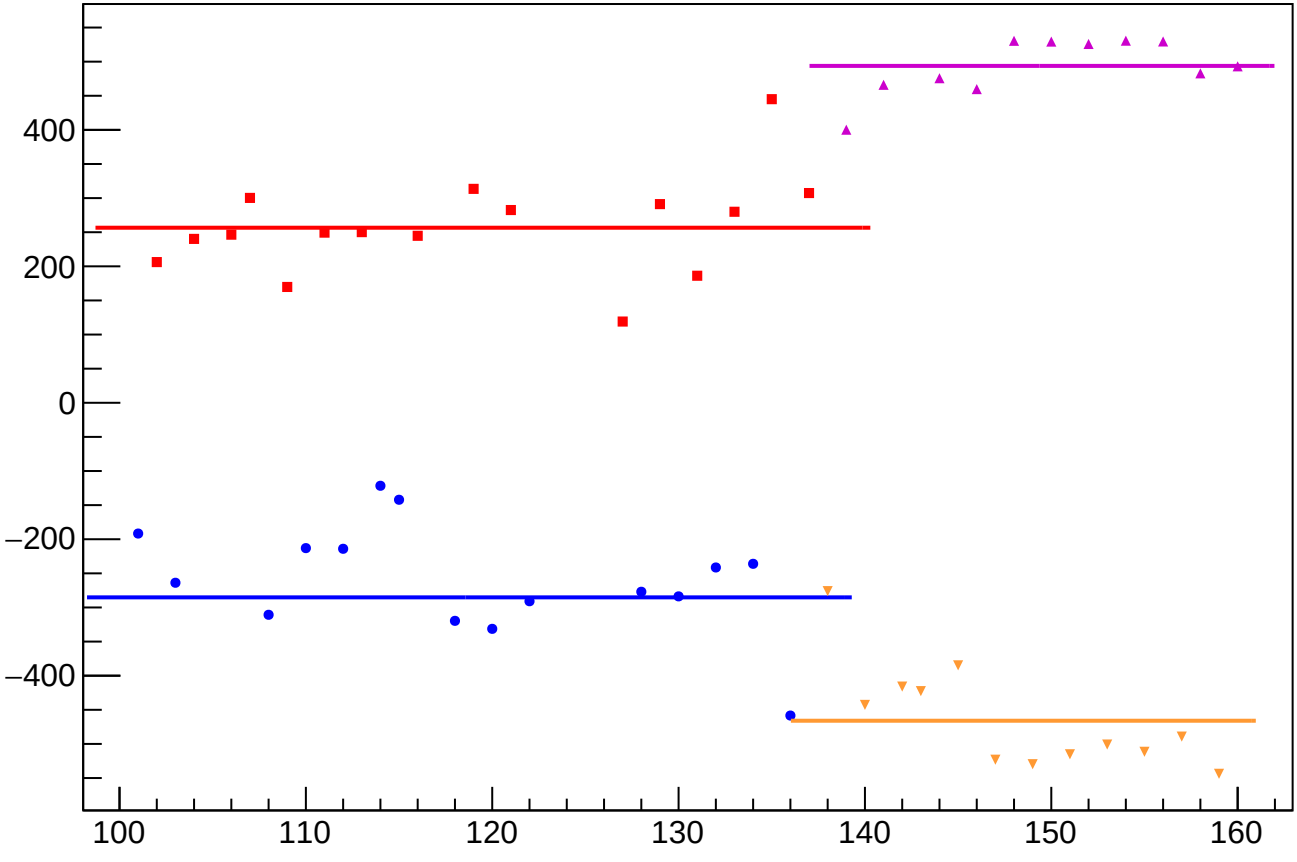
All: 0.007+/-0.000 χ^2/NDF: 16250941727402

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



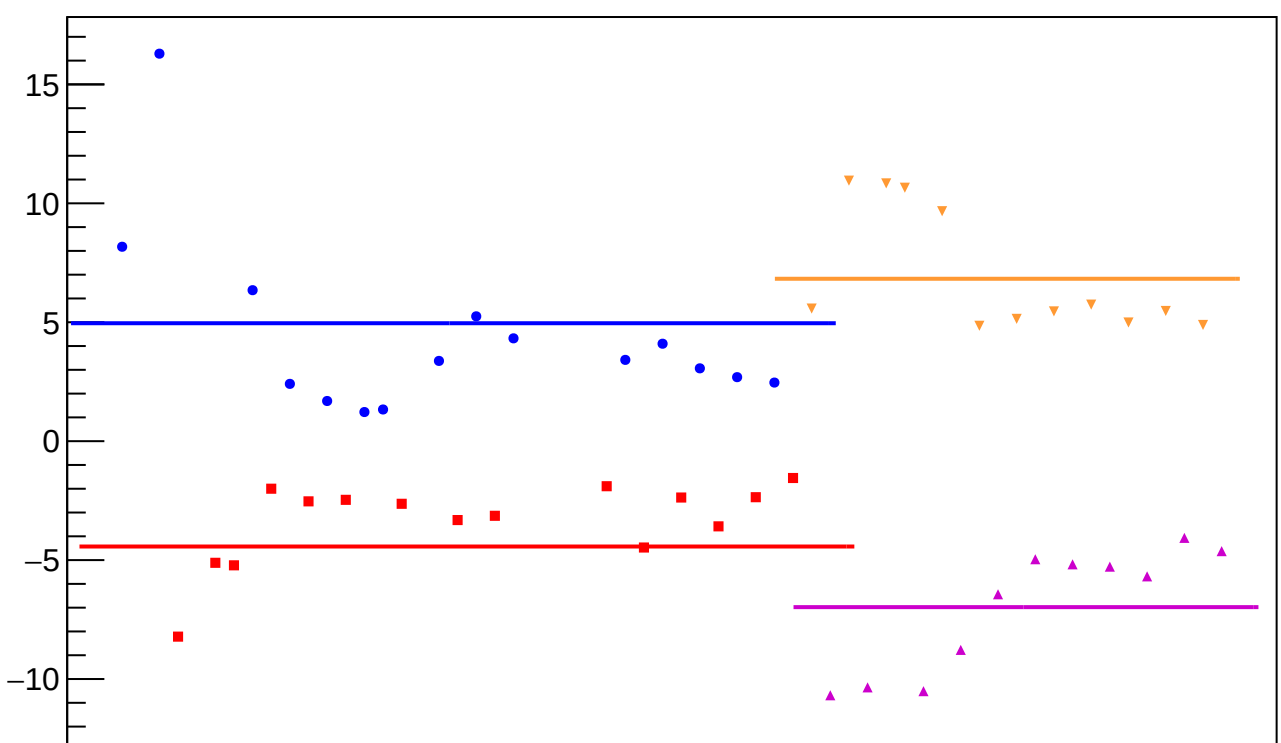
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 16.495+/-0.000 χ^2/NDF: 4299214523366525
Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11
In: 172.388+/-0.000 χ^2/NDF:2372579446199701
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: -161.153+/-0.000 χ^2/NDF:210188051150550
Left In: 493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10
All: 5.194+/-0.000 χ^2/NDF: 5351657860552

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.828+/-0.000 χ^2/NDF:5374095498583312473439971131260928.0/11

Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

Left: -0.112+/-0.000 χ^2/NDF: 98575453845748466

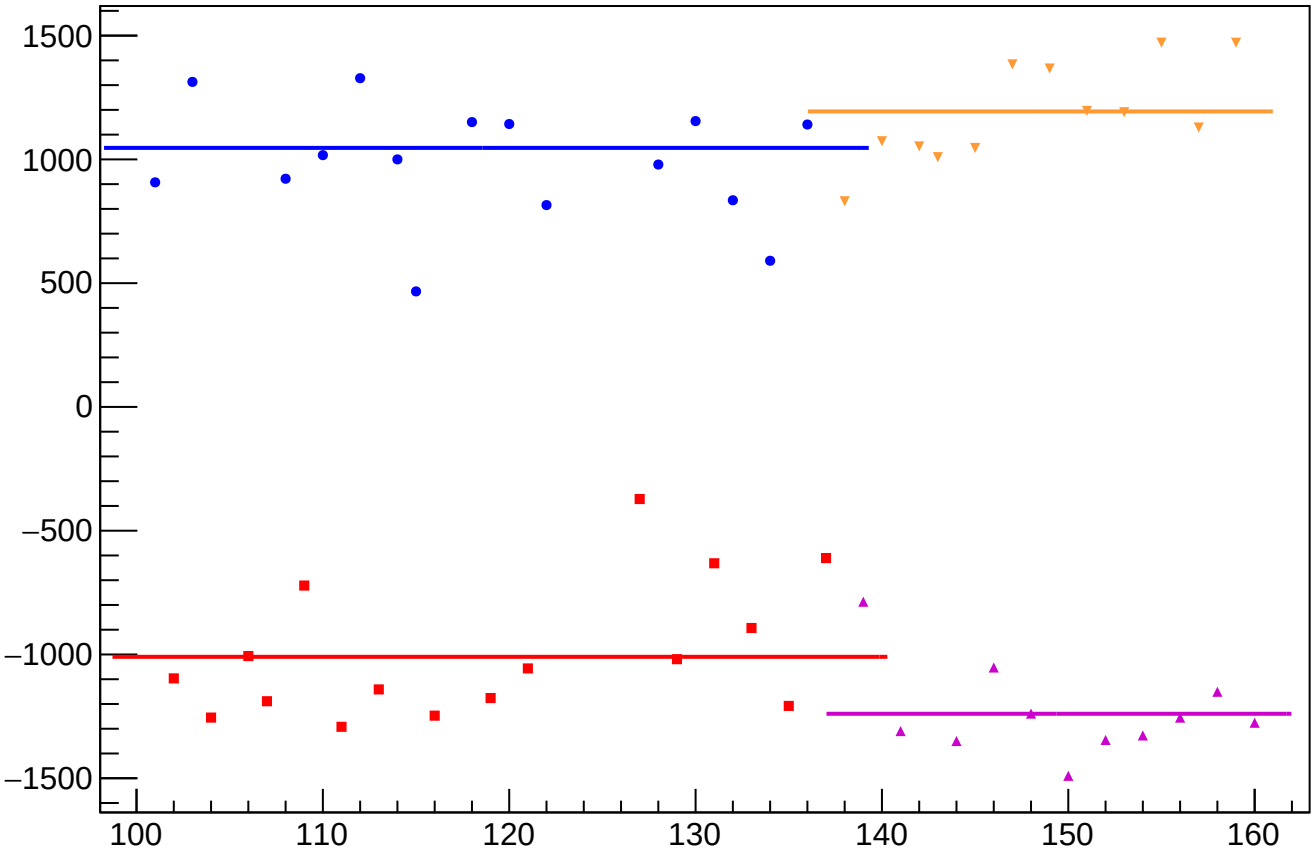
Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Out: 2.079+/-0.000 χ^2/NDF:626104177981069701

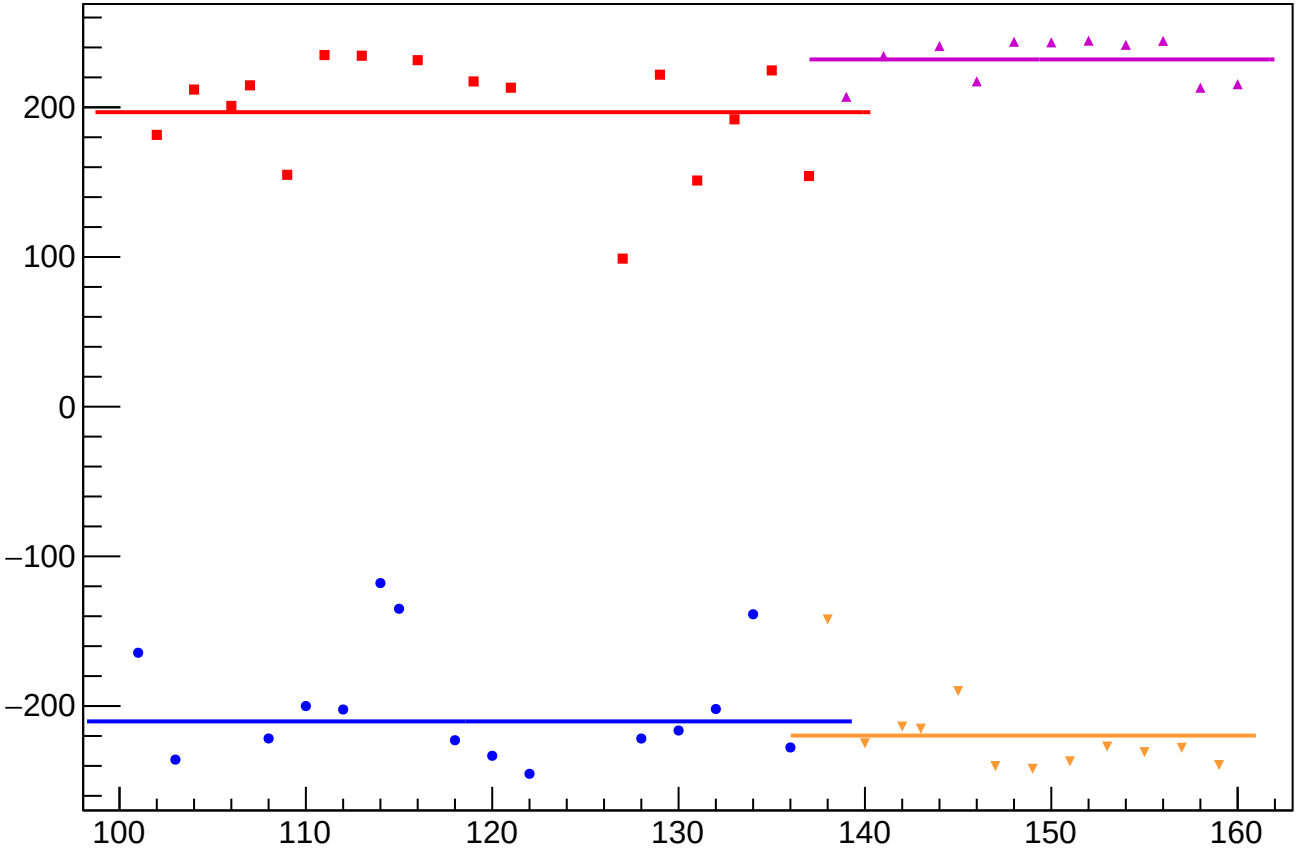
All: 0.018+/-0.000 χ^2/NDF: 1464768921407 0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Left: 7.357+/-0.000 χ^2/NDF: 946302102045066653

Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

In: 49.520+/-0.000 χ^2/NDF:75312551342115055 4

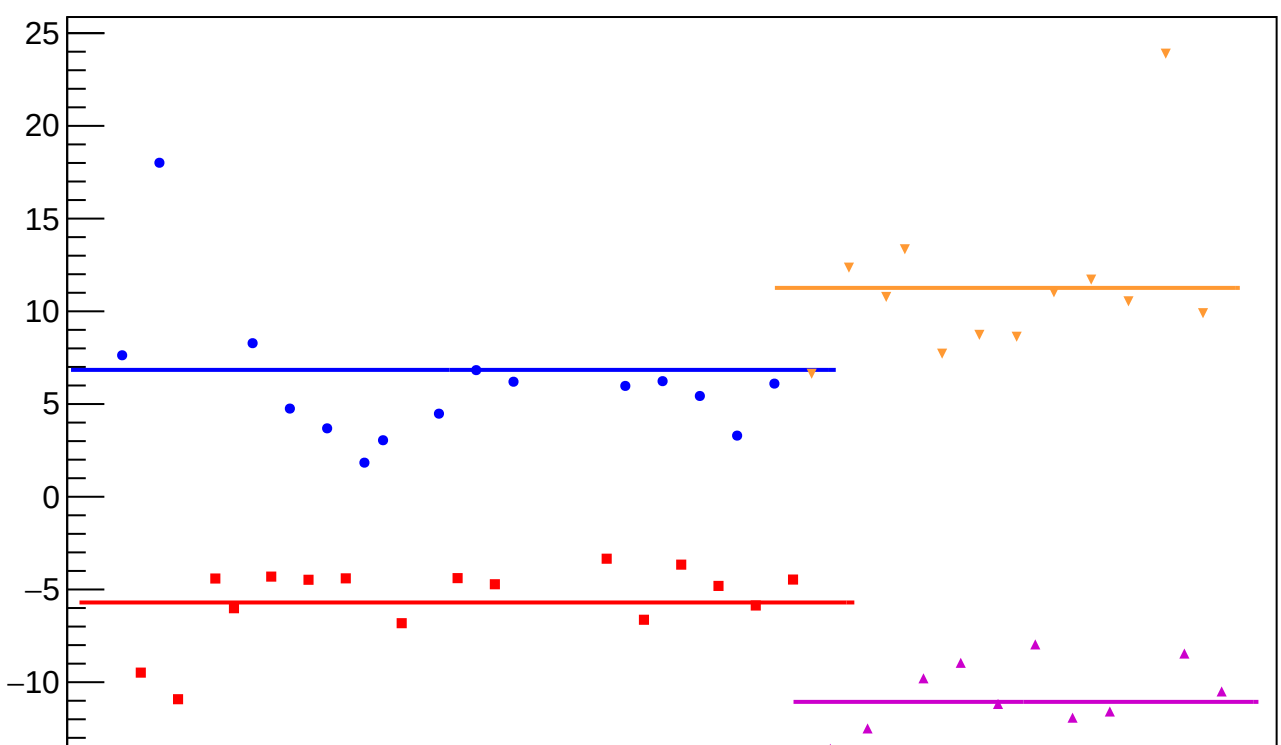
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

Out: -44.029+/-0.000 χ^2/NDF:6848097439733710

Left In: 231.985+/-0.000 χ^2/NDF:1829920272804014631390651052908871 68.0/10

All: 2.627+/-0.000 χ^2/NDF: 15069384503151

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Left: 0.040+/-0.000 χ^2/NDF: 250357817472556188

Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14

Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291

Left Out: 11.263+/-0.000 χ^2/NDF:169504843044958267355265373894082 56.0/11

In: -3.675+/-0.000 χ^2/NDF:135955249397154669

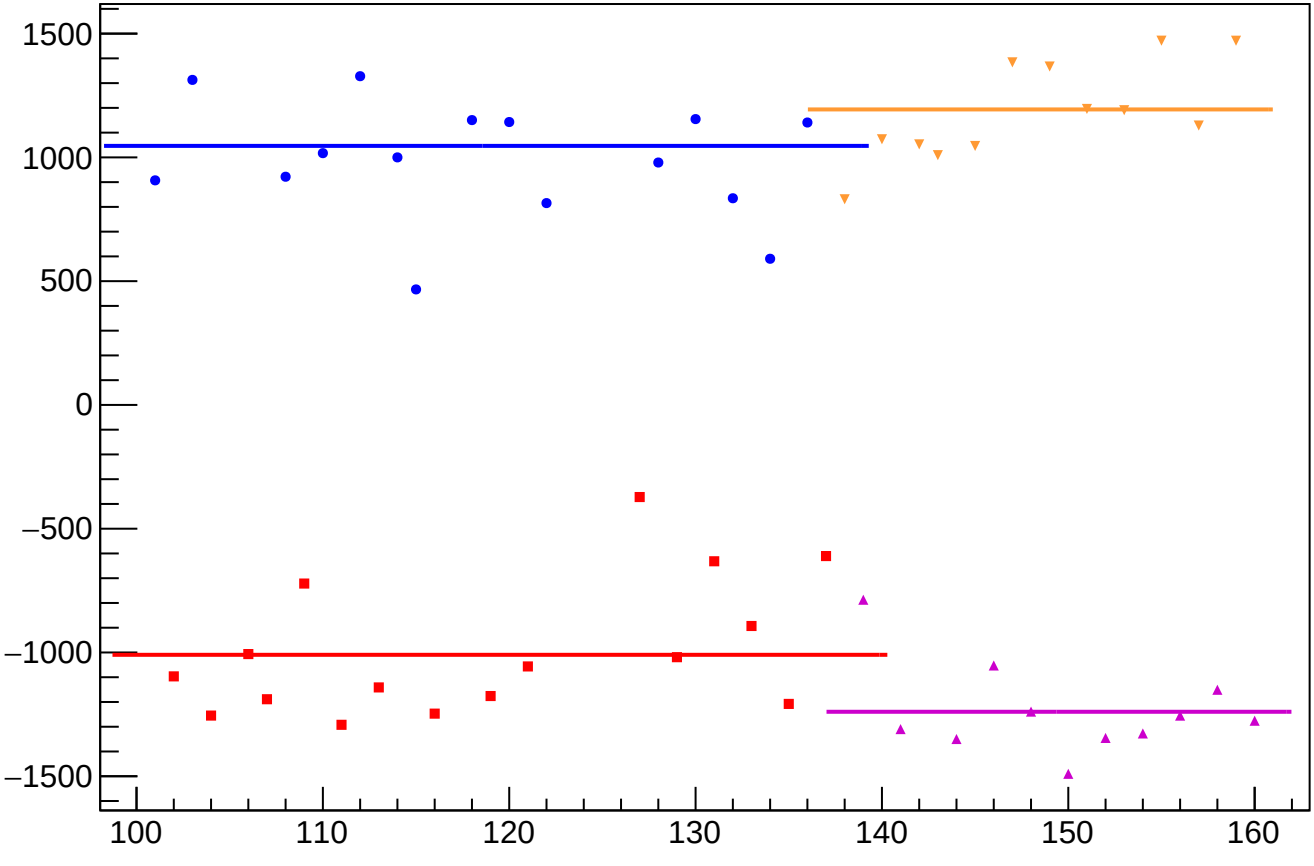
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

Out: 4.106+/-0.000 χ^2/NDF:131096875714597245

Left In: -11.061+/-0.000 χ^2/NDF:441755938778495440031193371351449 6.0/10

All: 0.226+/-0.000 χ^2/NDF: 3147874341547

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

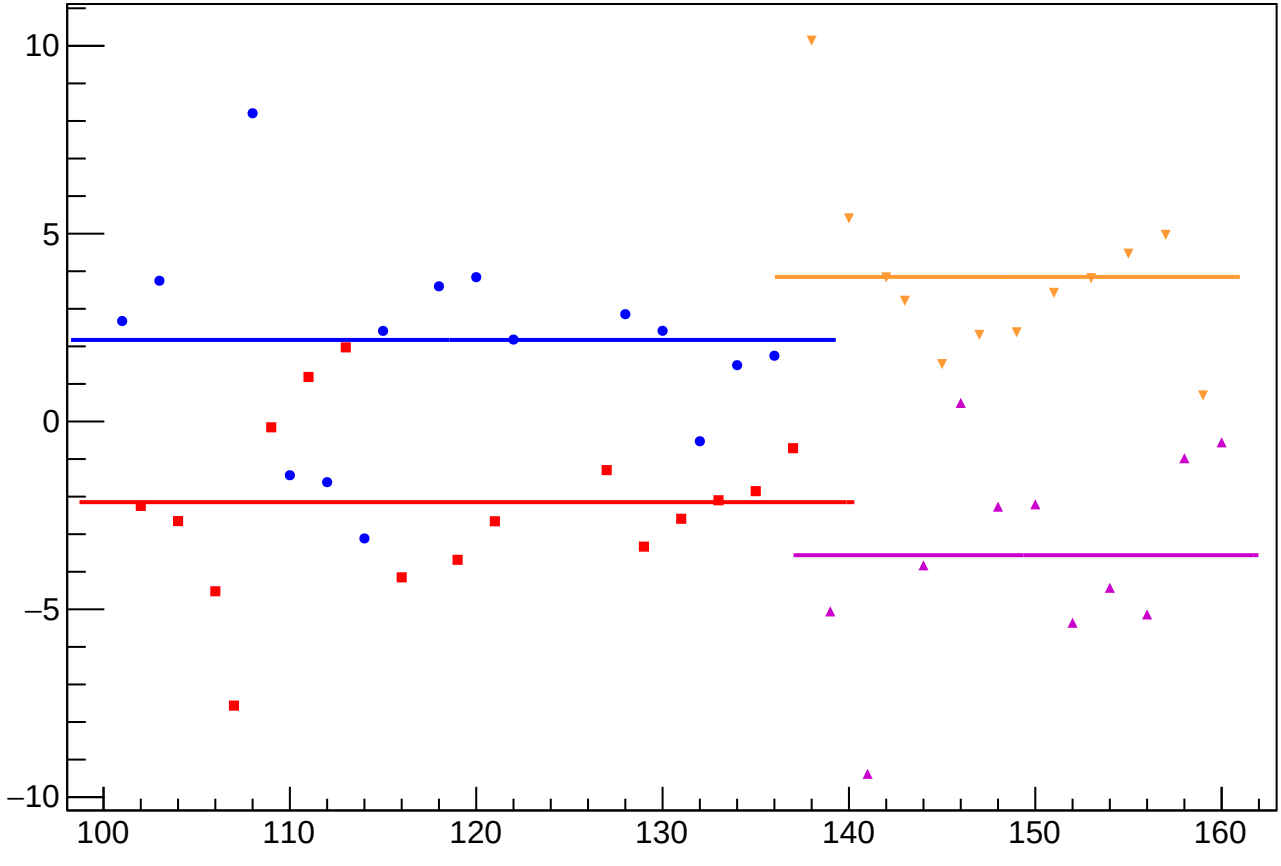
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

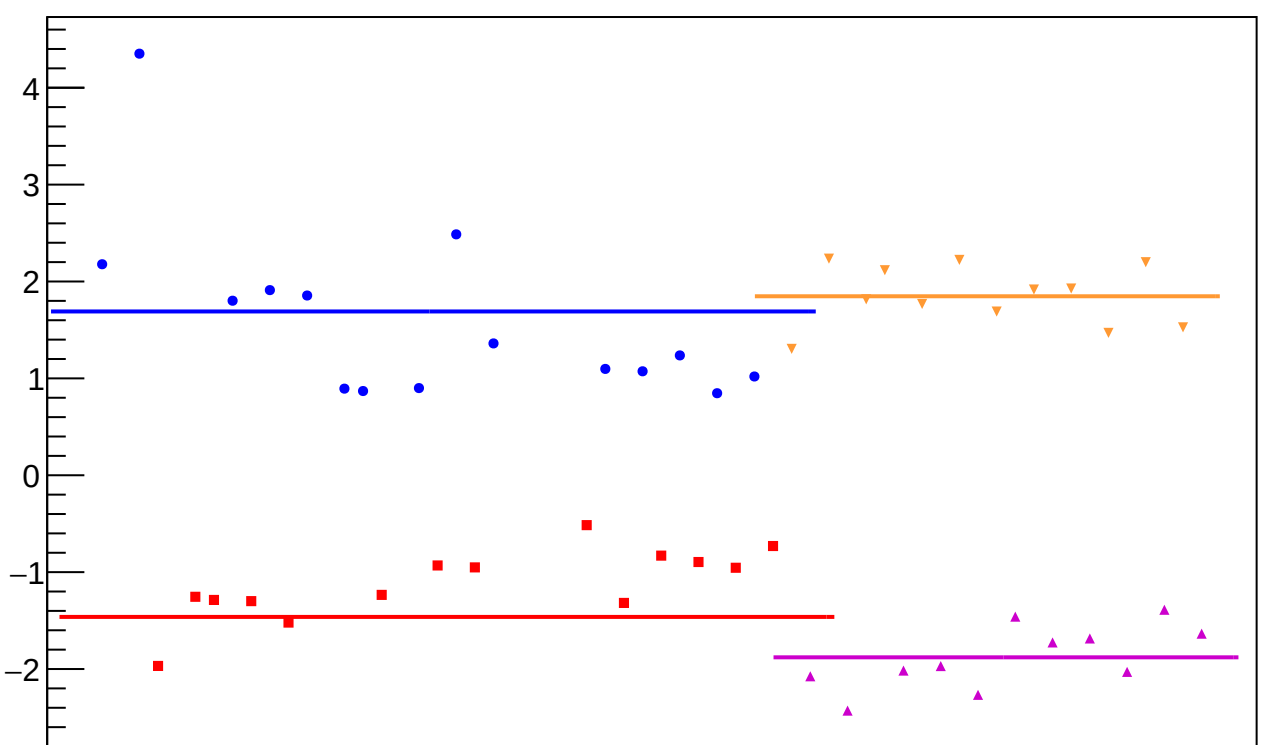
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aY_coil1_mean vs Slug, Sign Corrected



Left: 0.125+/-0.000 χ^2/NDF: 36741877851651066
Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488
Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11
In: -1.195+/-0.000 χ^2/NDF:226097487134650351
Right Out: -2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187 8400.0/15
Out: 1.319+/-0.000 χ^2/NDF:21996427060229327 9
Left In: -3.559+/-0.000 χ^2/NDF:649266734510996254065216575871 3856.0/10
All: 0.065+/-0.000 χ^2/NDF: 4958691380061 8

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.026+/-0.000 χ^2/NDF: 65568039047872649

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

In: -0.406+/-0.000 χ^2/NDF:55619651777118776 5

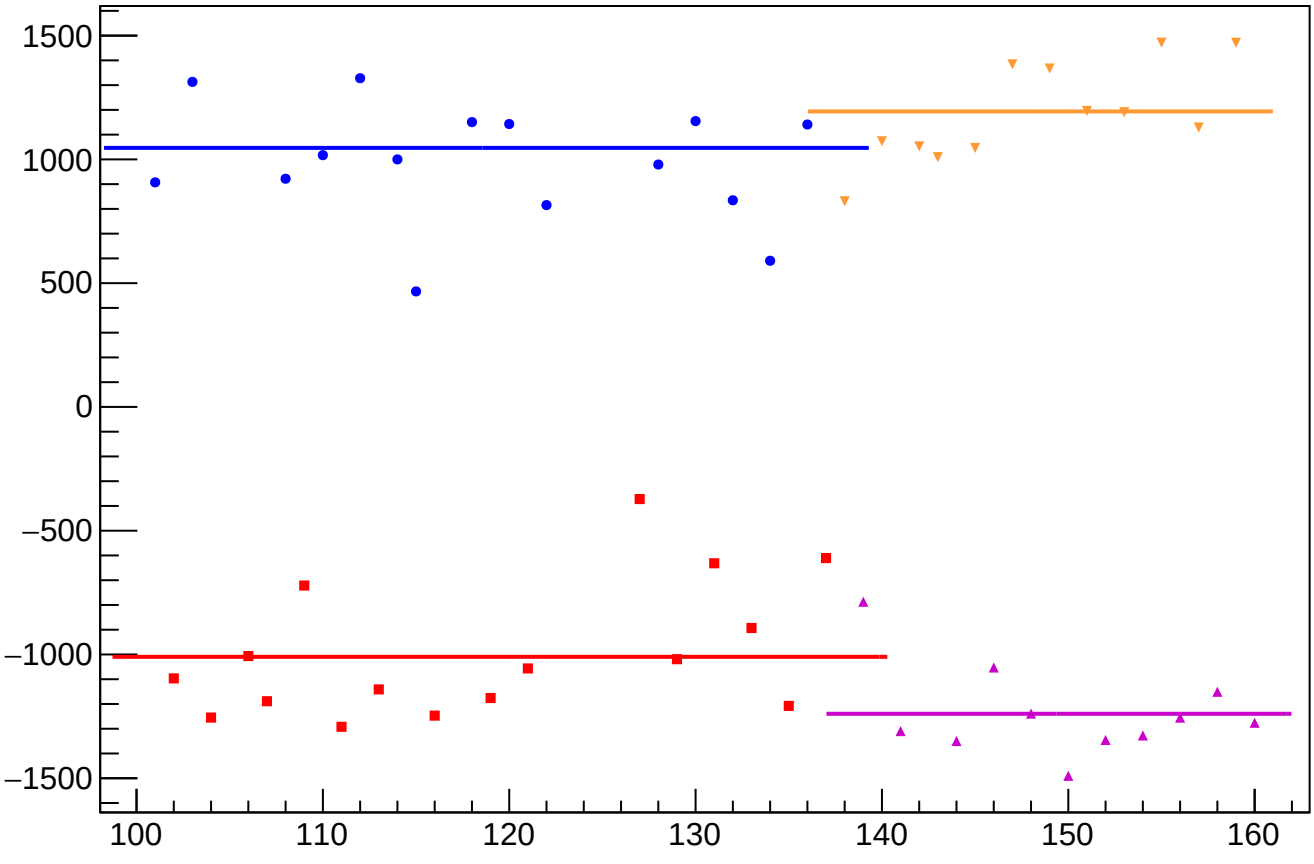
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.451+/-0.000 χ^2/NDF:47521424919016649 0

Left In: -1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

All: 0.024+/-0.000 χ^2/NDF: 1089396040046 2

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

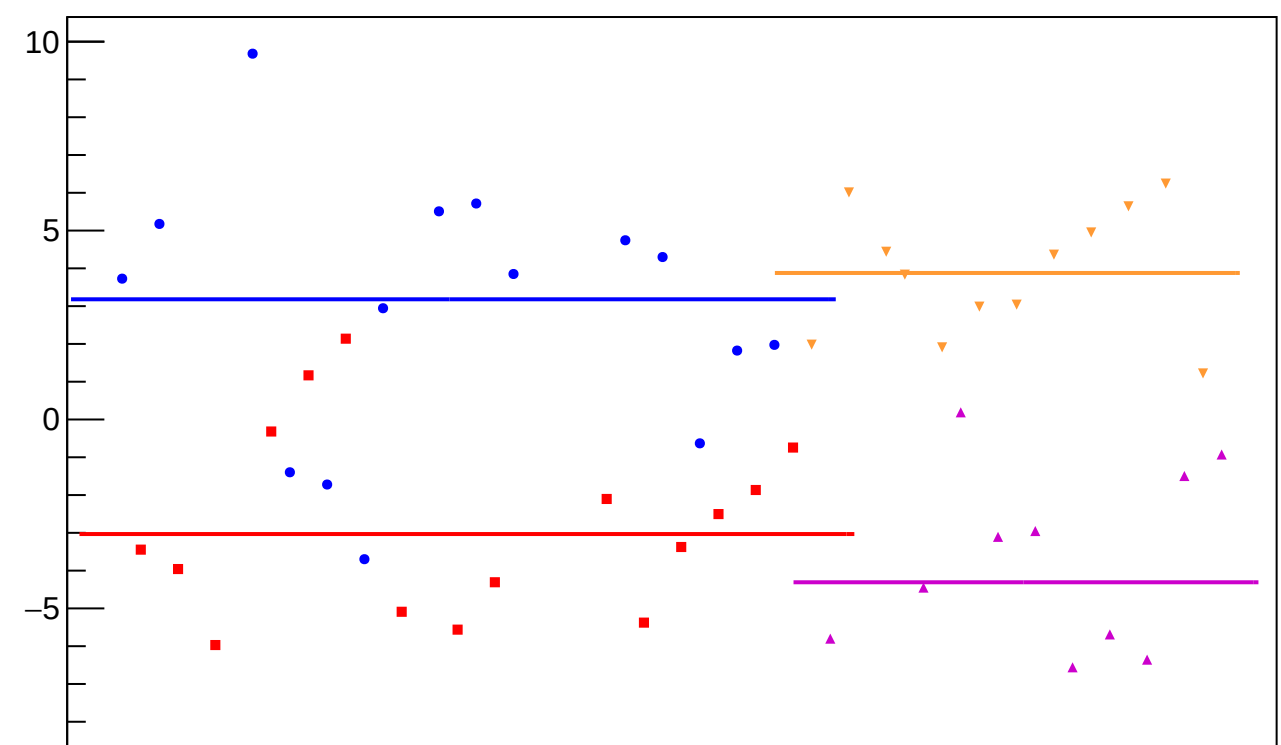
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -0.237+/-0.000 χ^2/NDF: 40330727078704471

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

In: -1.218+/-0.000 χ^2/NDF:342914810766388262

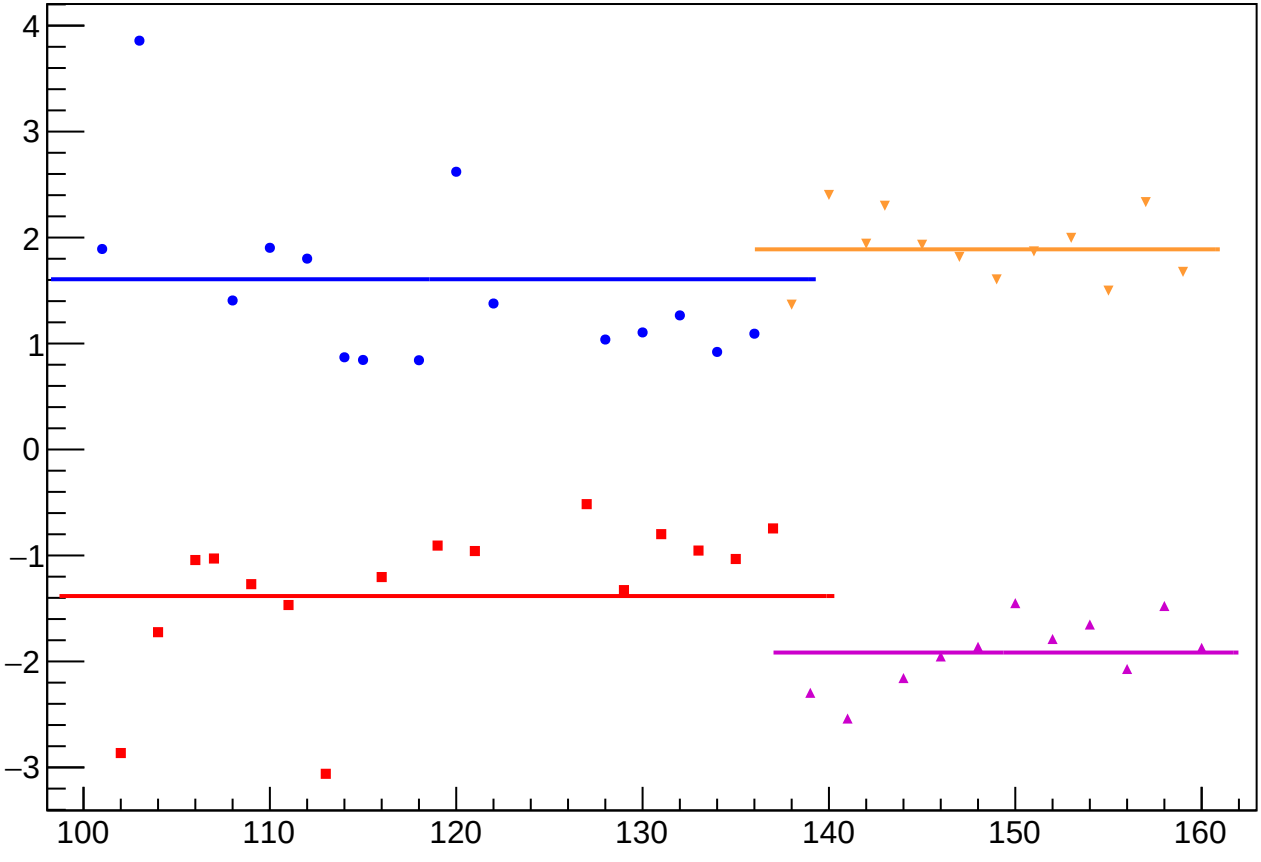
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Out: 0.963+/-0.000 χ^2/NDF:25811484949024746 6

Left In: -4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

All: -0.125+/-0.000 χ^2/NDF: 6385427084403

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.024+/-0.000 χ^2/NDF: 6841688132023848

Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

Right: 0.091+/-0.000 χ^2/NDF: 3759027904529624

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

In: -0.463+/-0.000 χ^2/NDF:5286971171108857

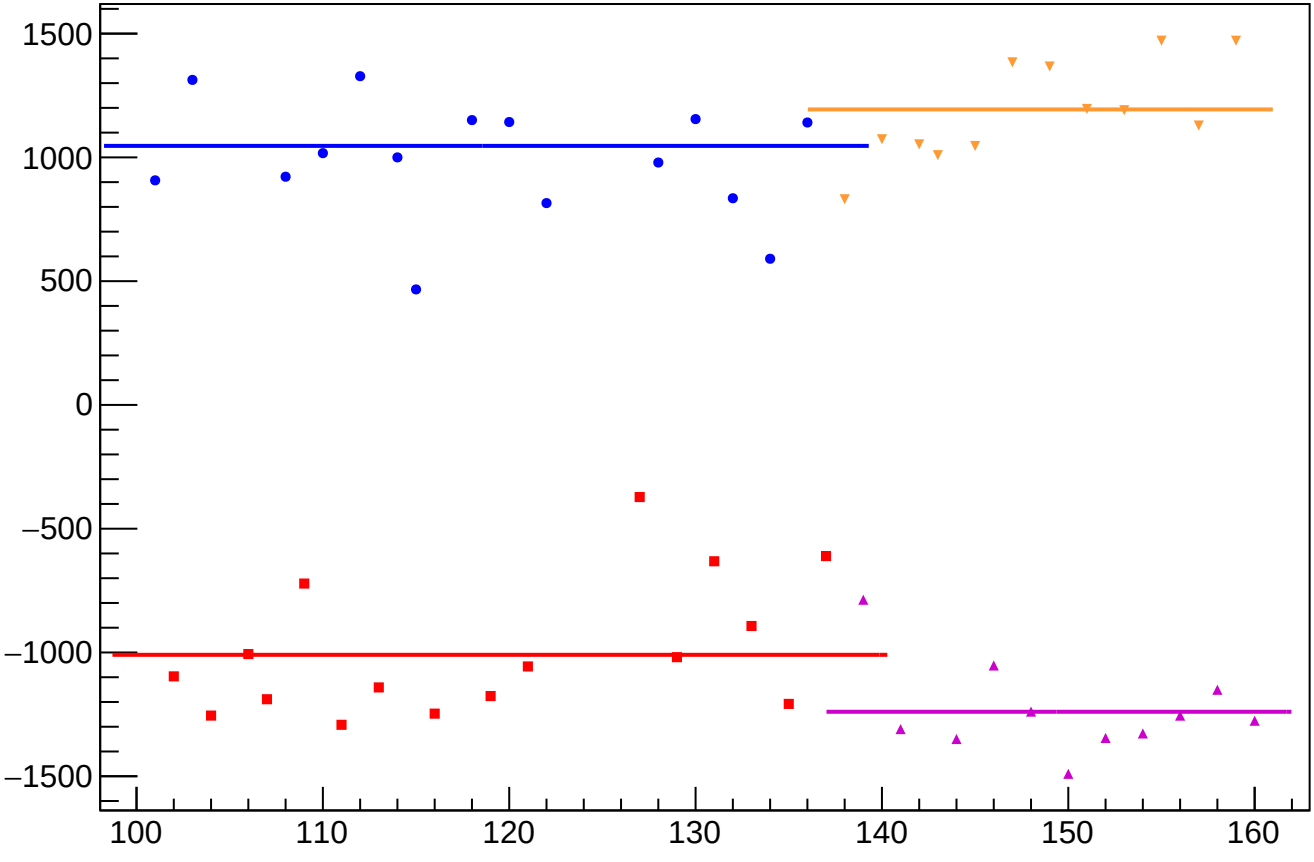
Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Out: 0.509+/-0.000 χ^2/NDF:4580158091435644

Left In: -1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

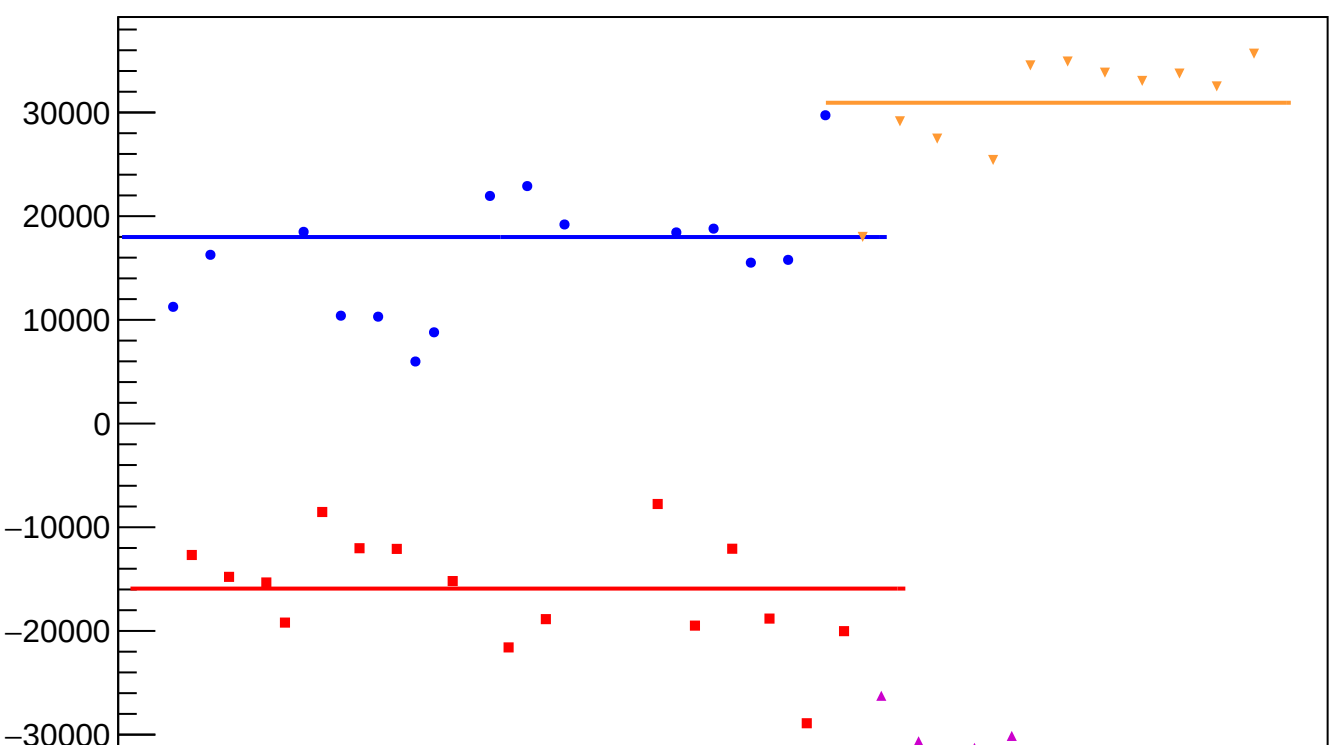
All: 0.024+/-0.000 χ^2/NDF: 1061091914309

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



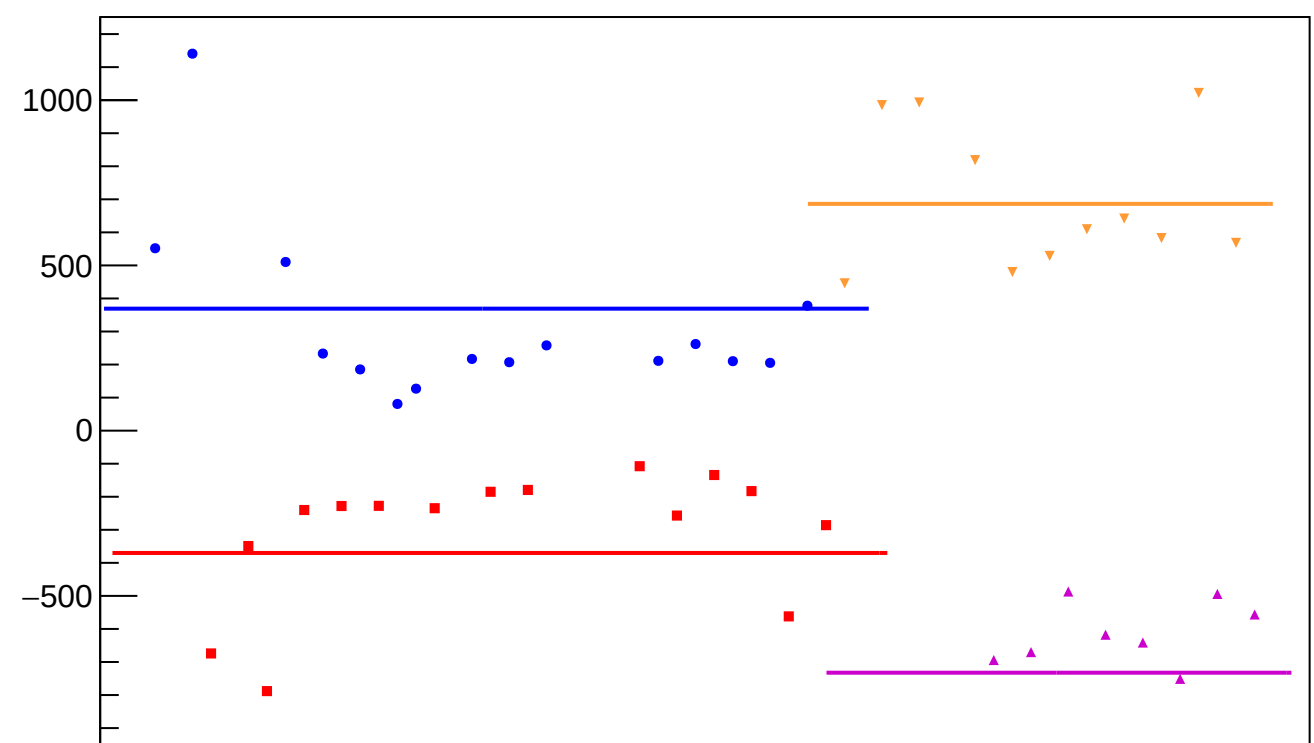
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_usl_coil1_mean vs Slug, Sign Corrected



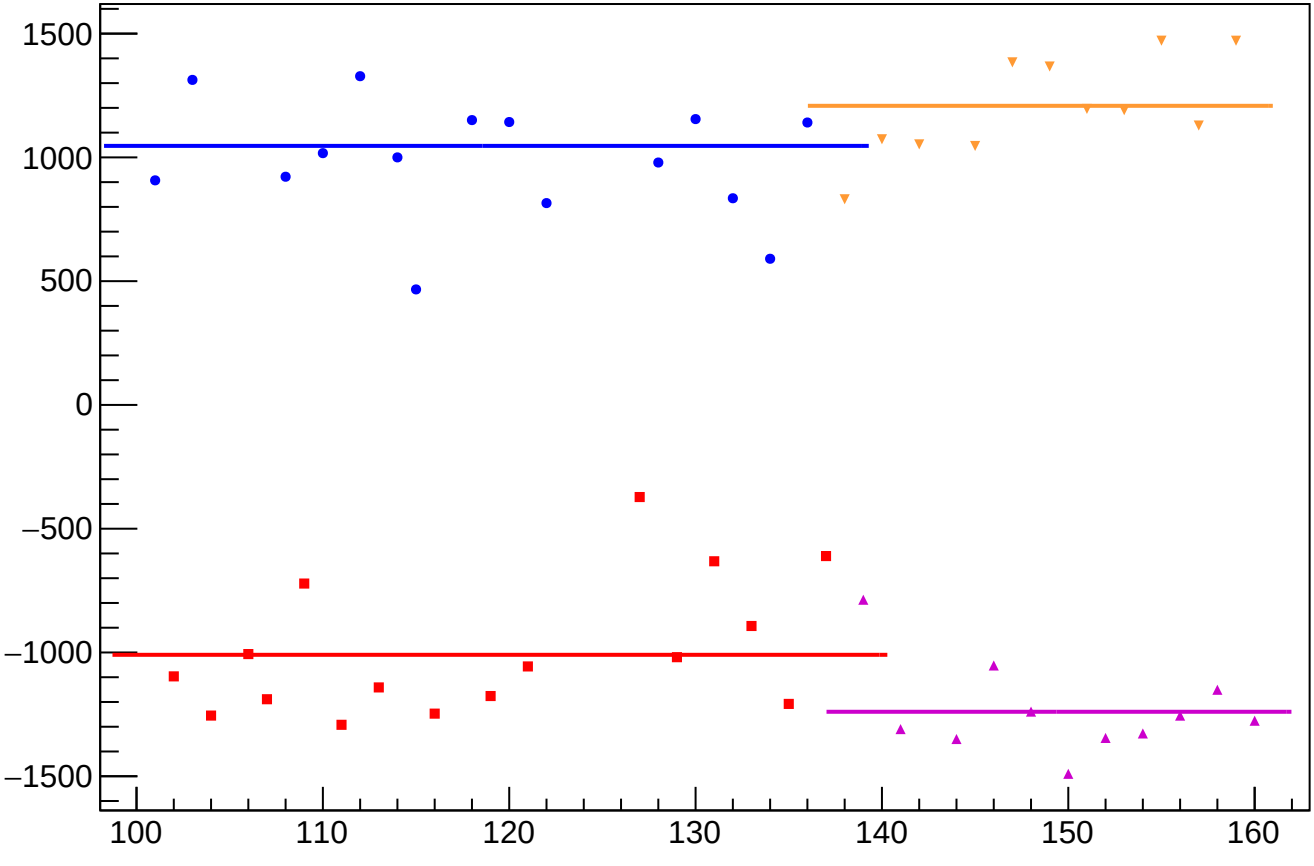
Left: -2133.218+/-0.000 χ^2/NDF: 18043574400904
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30938.190+/-0.000 χ^2/NDF:222312016952578697732753691000223951749 12.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15
Out: 10296.691+/-0.000 χ^2/NDF:8613400565177 2
Left In: -32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10
All: -880.808+/-0.000 χ^2/NDF: 22337383681

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -53.927+/-0.000 χ^2/NDF: 9637444088890032
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10
In: -277.915+/-0.000 χ^2/NDF:5506122743016459
Right Out: -370.091+/-0.000 χ^2/NDF: 482144629070521075430370371253169029 12.0/15
Out: 220.868+/-0.000 χ^2/NDF:4990060425301362
Left In: -732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10
All: -33.290+/-0.000 χ^2/NDF: 124154771081

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -68.820+/-0.000 χ^2/NDF: 2709064239069646

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

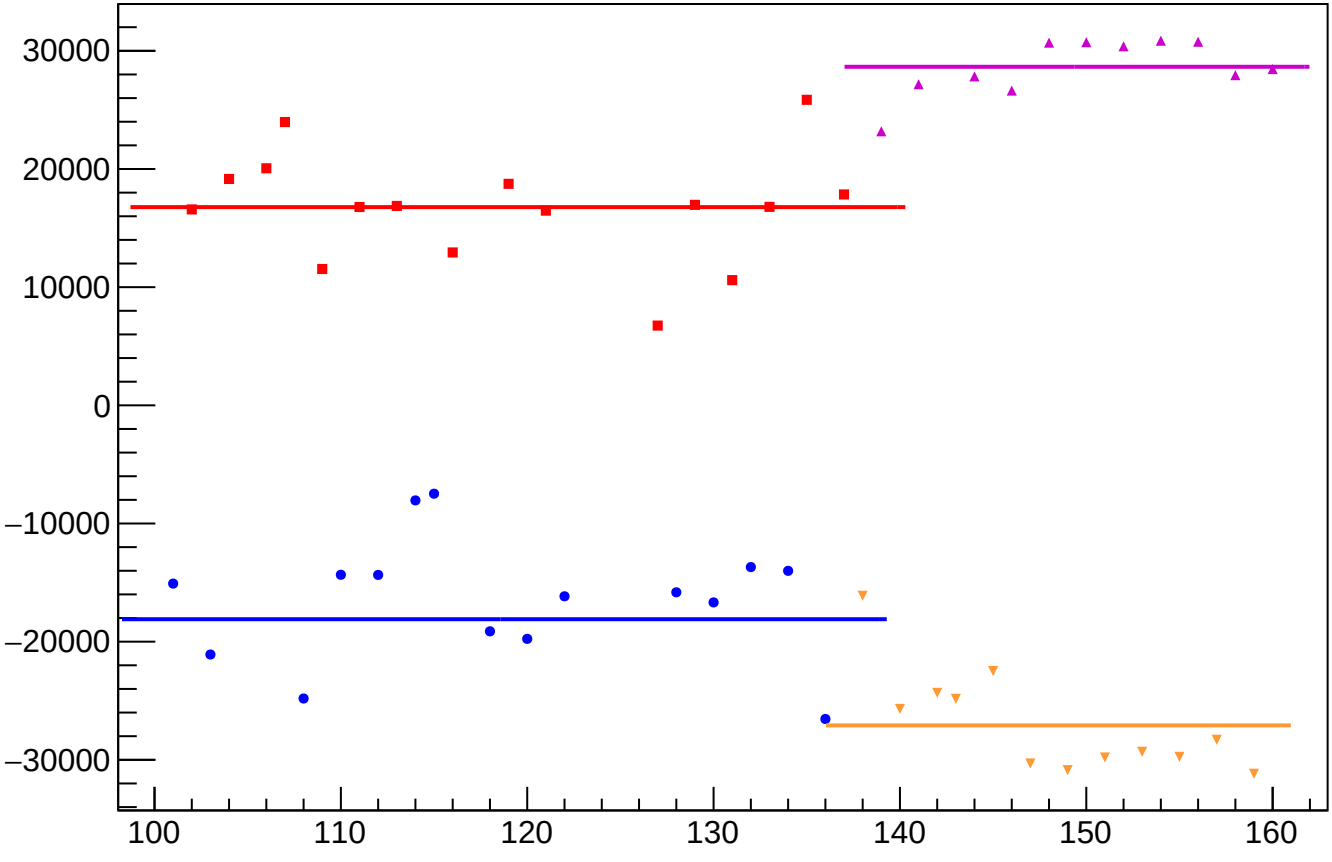
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 231.285+/-0.000 χ^2/NDF:191189164590426 4

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -37.580+/-0.000 χ^2/NDF: 41729681517 4

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 934.162+/-0.000 χ^2/NDF: 1449134260498682

Right In: -18100.637+/-0.000 χ^2/NDF: 14634967546173586967632040765428699496448.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -27085.326+/-0.000 χ^2/NDF:16913671790830002451724713056210492850176.0/11

In: 9361.516+/-0.000 χ^2/NDF:8527147862381255

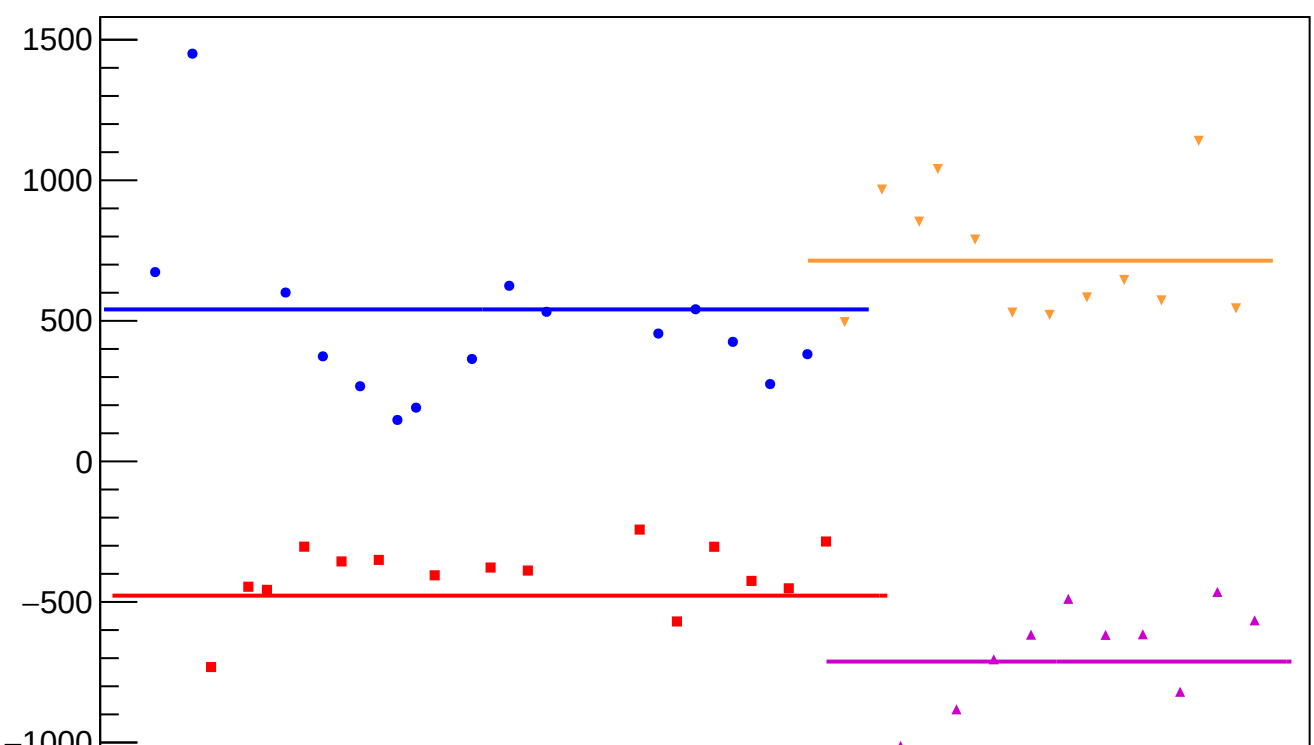
Right Out: 16773.604+/-0.000 χ^2/NDF: 14234547931135812277474342886568366178304.0/15

Out: -8581.907+/-0.000 χ^2/NDF:77289596182504

Left In: 28650.410+/-0.000 χ^2/NDF:48388275359810808267259474743447655546 88.0/10

All: 367.048+/-0.000 χ^2/NDF: 187947964191

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 714.147+/-0.000 χ^2/NDF:4316097547863146024857574592815615180 8.0/11

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

Left: -2.853+/-0.000 χ^2/NDF: 10119212919667896

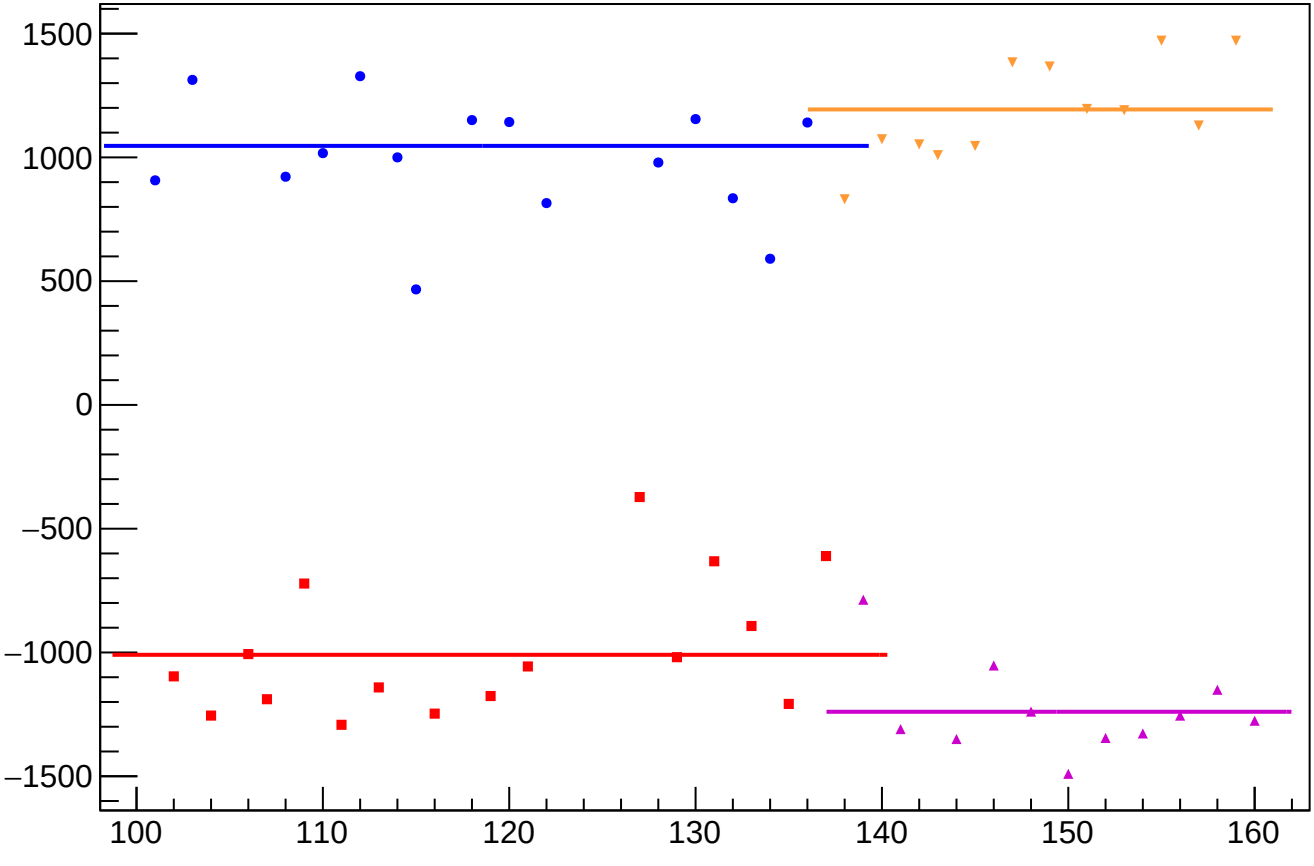
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 211.390+/-0.000 χ^2/NDF:6295663774355160

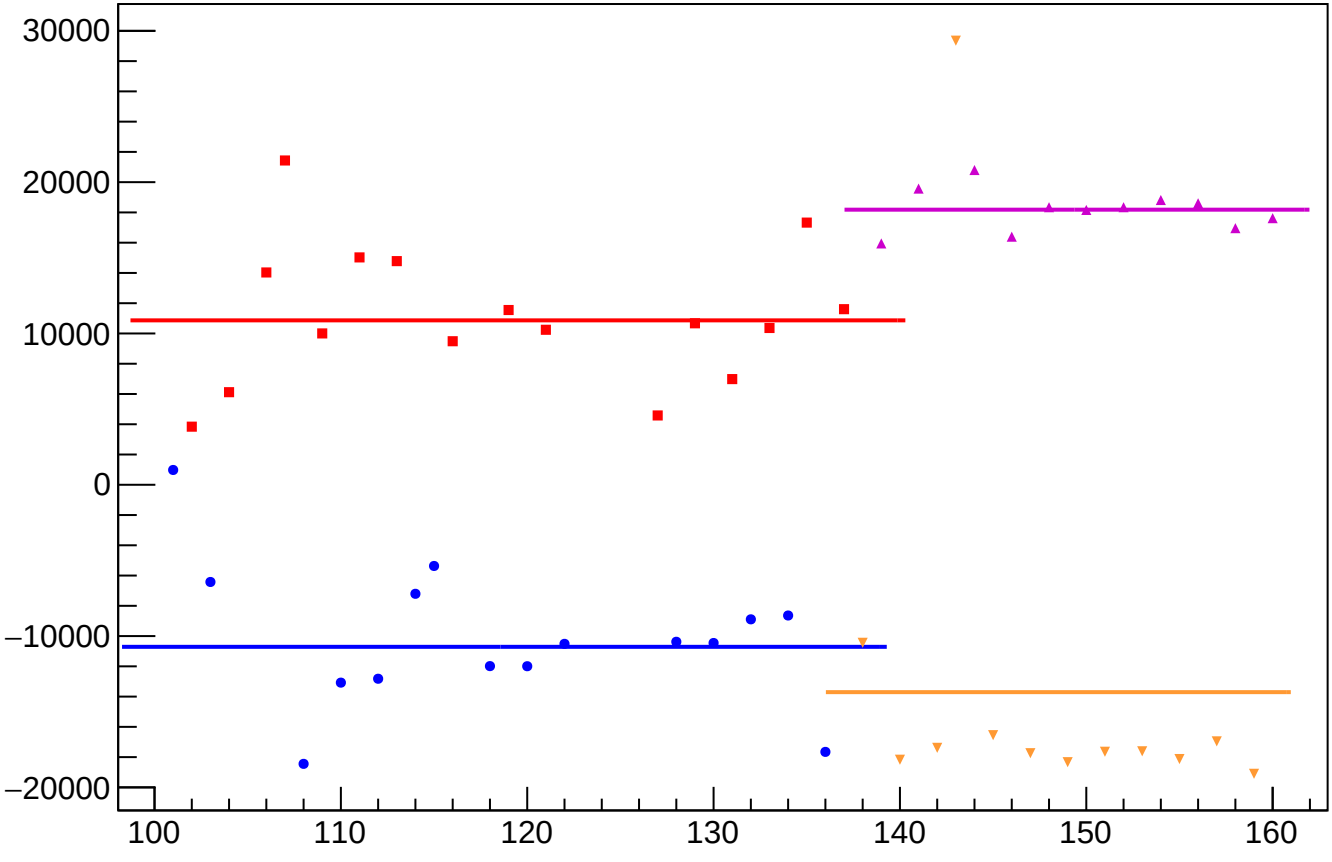
All: 8.600+/-0.000 χ^2/NDF: 14568707976042

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 2324.752+/-0.000 χ^2/NDF: 607066825649852

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

In: 6261.113+/-0.000 χ^2/NDF:336815857232803 3

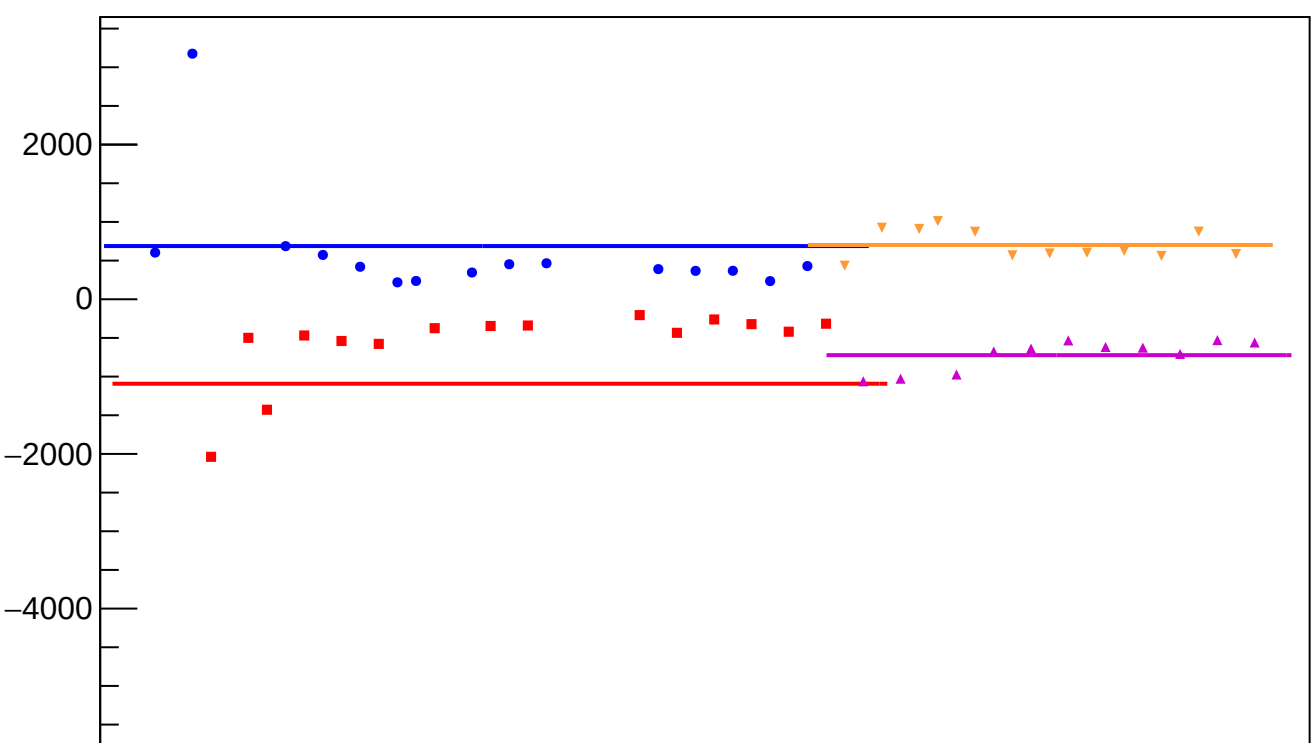
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3339.037+/-0.000 χ^2/NDF:38527704471172

Left In: 18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

All: 1448.863+/-0.000 χ^2/NDF: 7947628614 2

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Left: -14.334+/-0.000 χ^2/NDF: 9951844683767870

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

In: -140.714+/-0.000 χ^2/NDF:1201648470022181

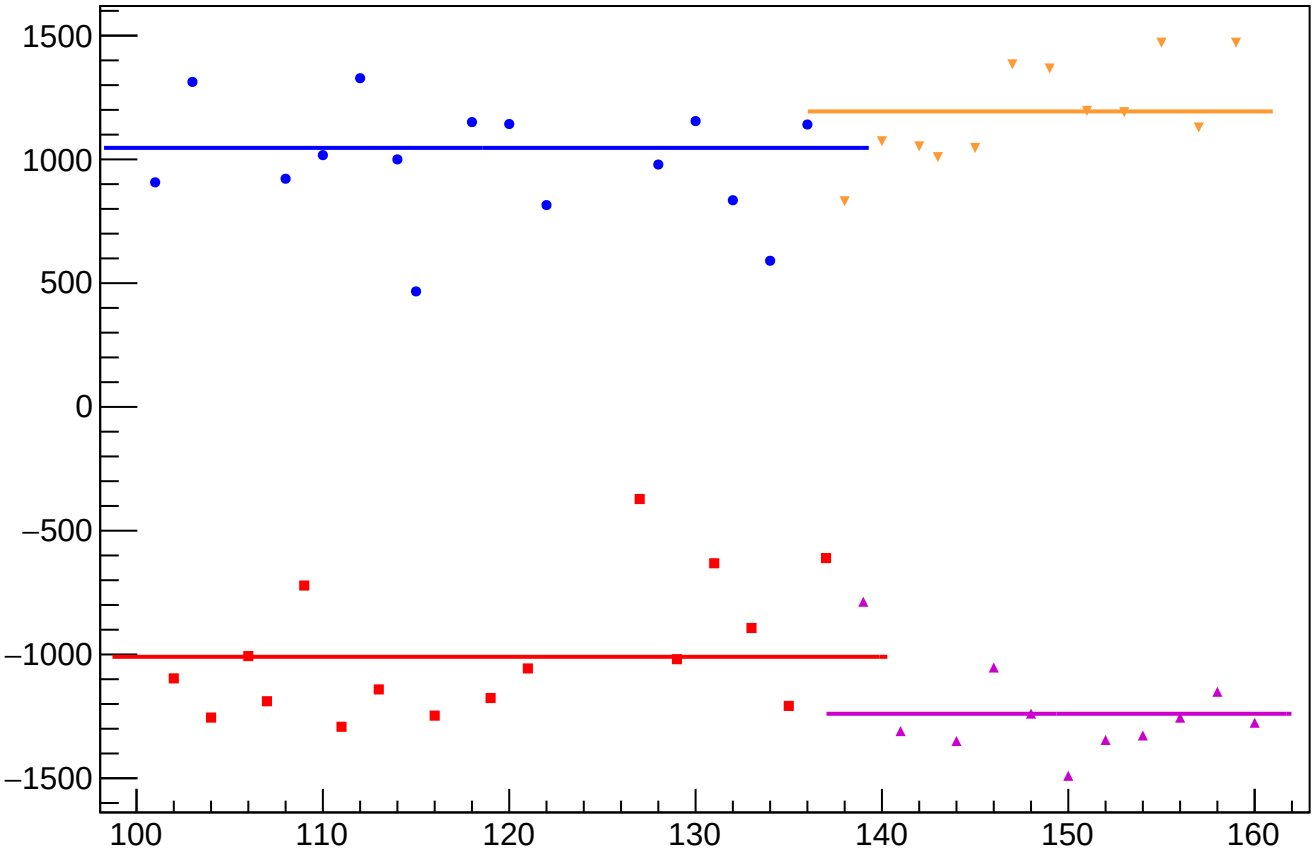
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -55.074+/-0.000 χ^2/NDF:3153372442385616

Left In: -722.743+/-0.000 χ^2/NDF:3369313711651394807786033041053528883 2.0/10

All: -97.785+/-0.000 χ^2/NDF: 436080381727

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

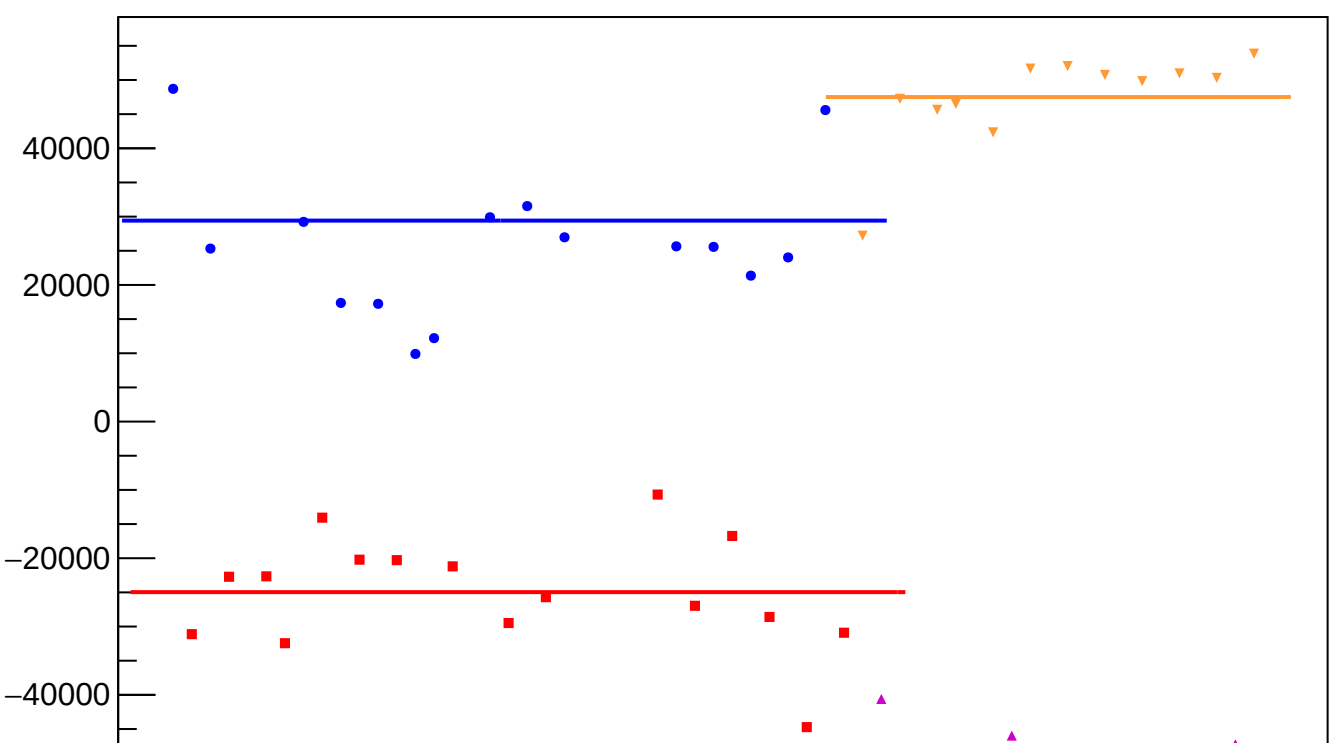
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl2_coil1_mean vs Slug, Sign Corrected



Left: -1505.264+/-0.000 χ^2/NDF: 44236547320359

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47501.916+/-0.000 χ^2/NDF:435917153349338016455651998367617667563 52.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

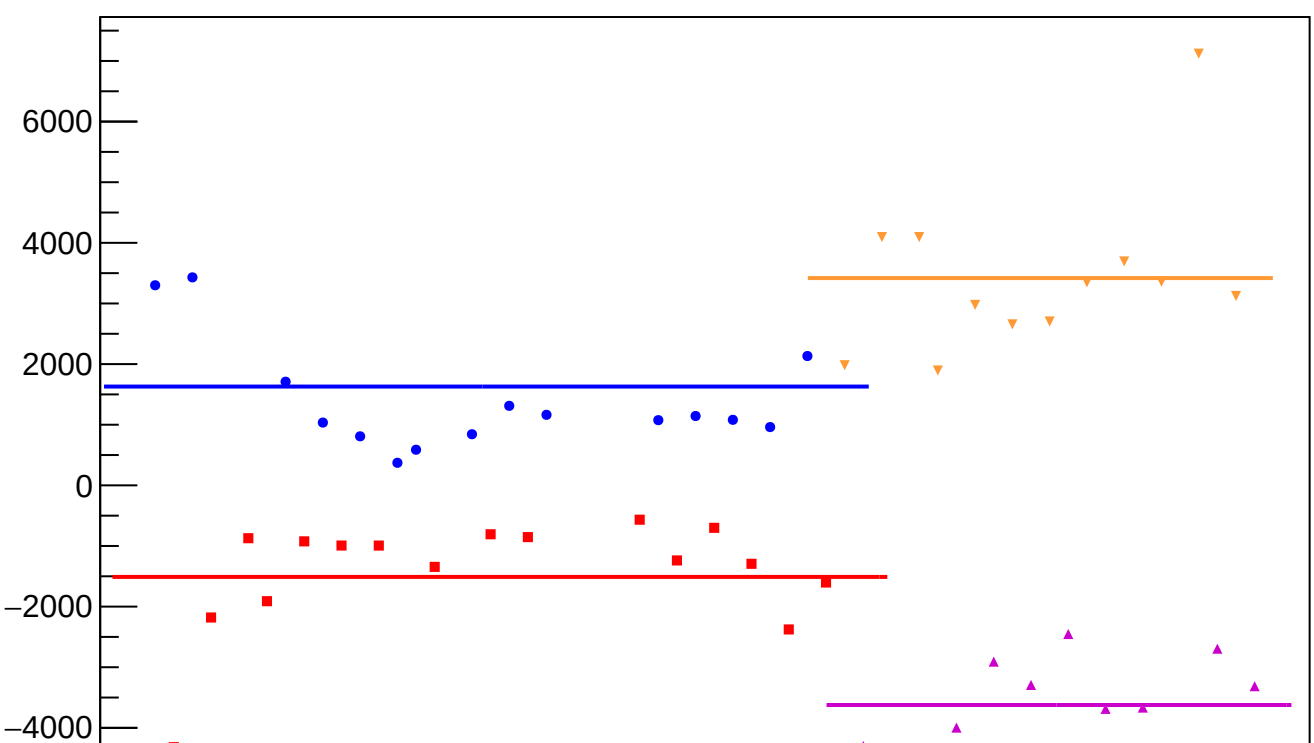
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561 4208.0/15

Out: 16930.059+/-0.000 χ^2/NDF:211408733919 29

Left In: -49982.063+/-0.000 χ^2/NDF:135058210193056038461211213447179702108 16.0/10

All: -103.402+/-0.000 χ^2/NDF: 5522398326 8

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191360/14

Left Out: 3418.927+/-0.000 χ^2/NDF:1575515144069936231955966928879934767104.0/11

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: -3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

Left: -121.241+/-0.000 χ^2/NDF: 248991886844976

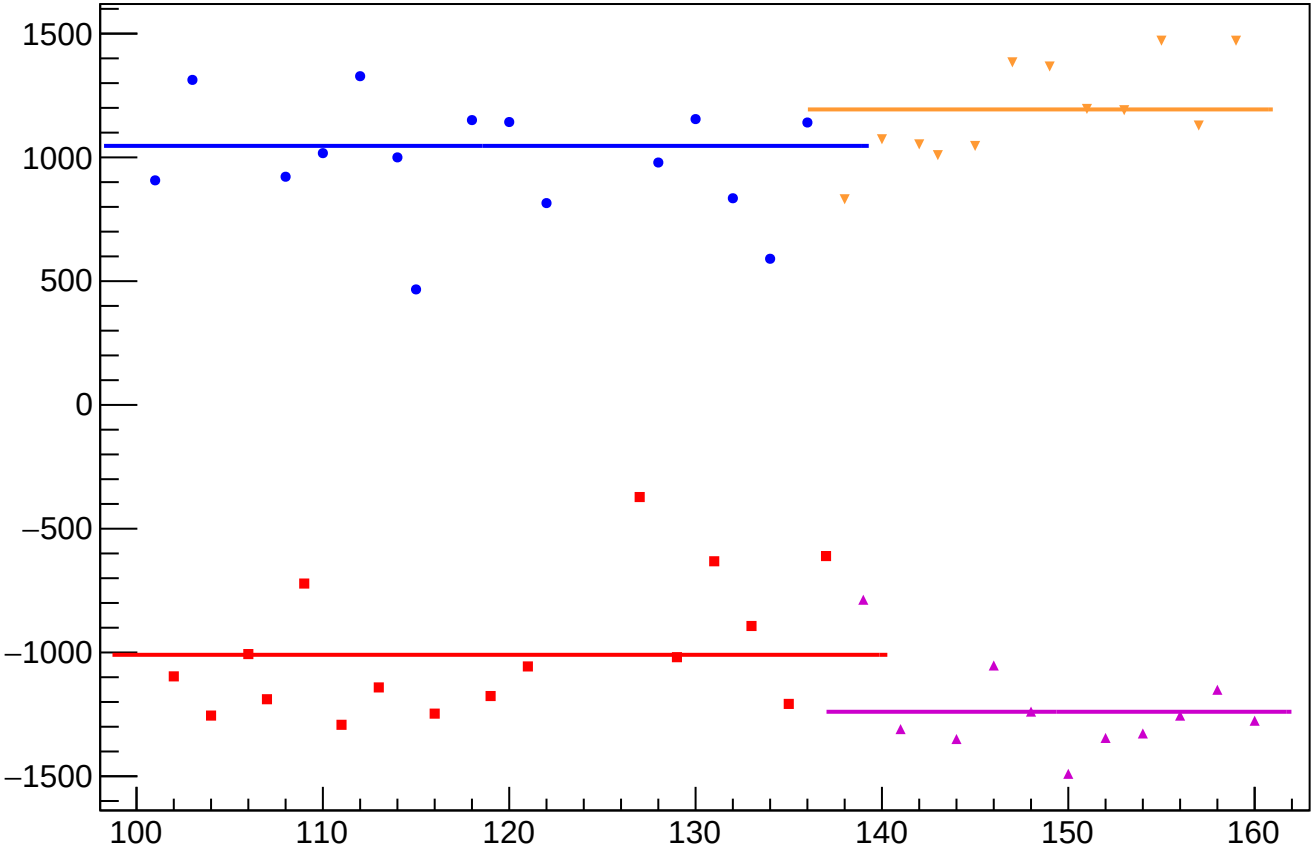
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1339.363+/-0.000 χ^2/NDF:116328176360275

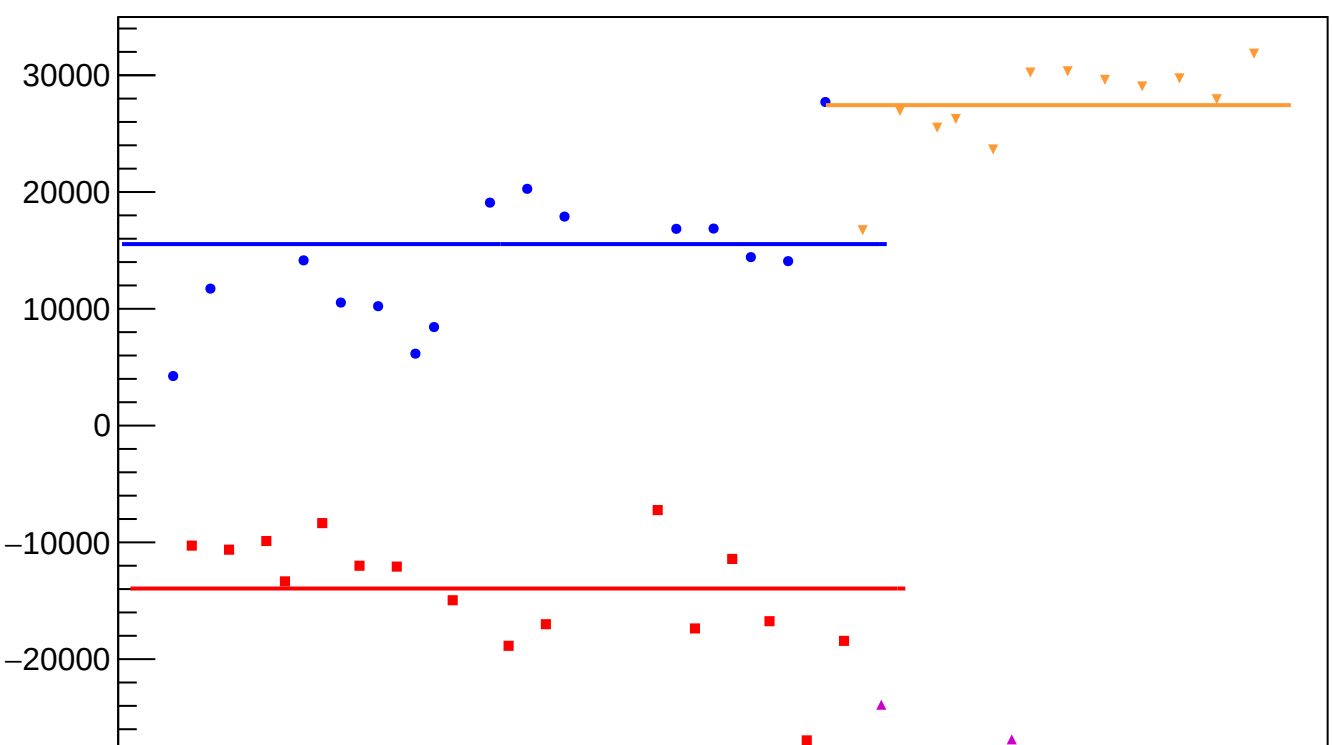
All: -54.735+/-0.000 χ^2/NDF: 294015037802

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



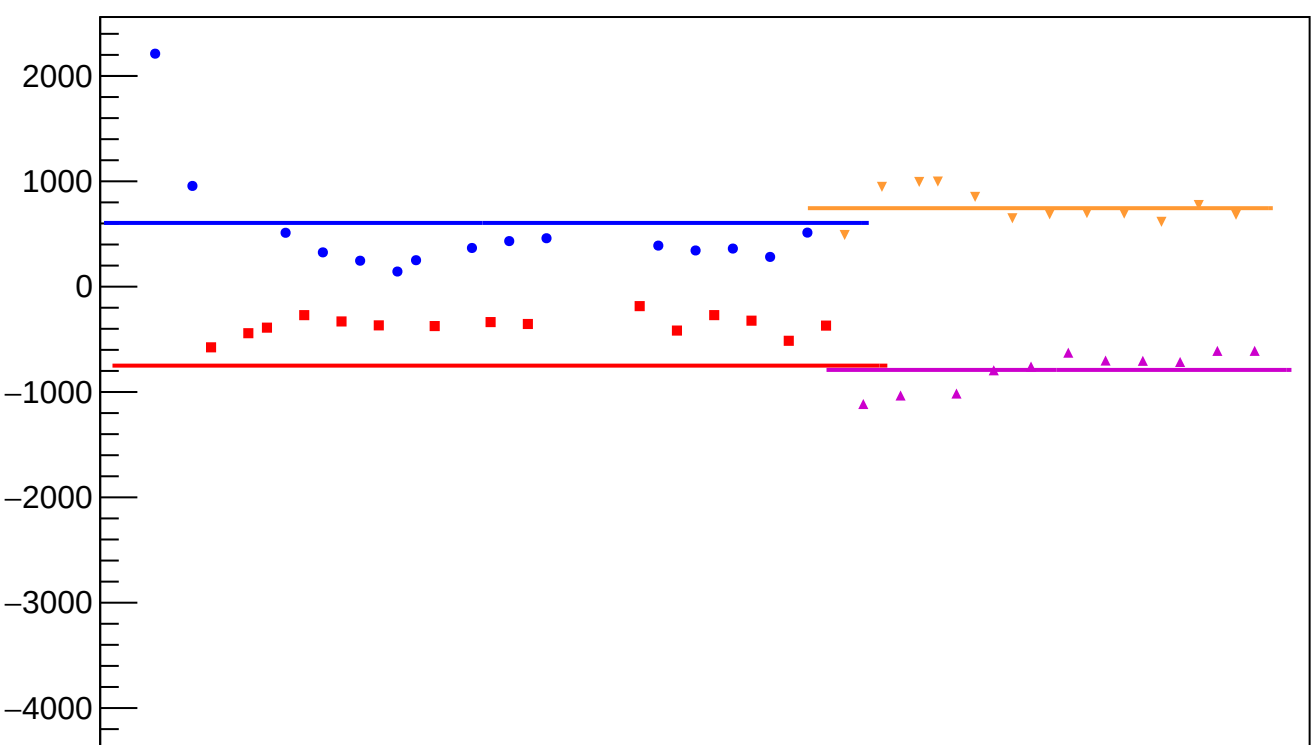
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr1_coil1_mean vs Slug, Sign Corrected



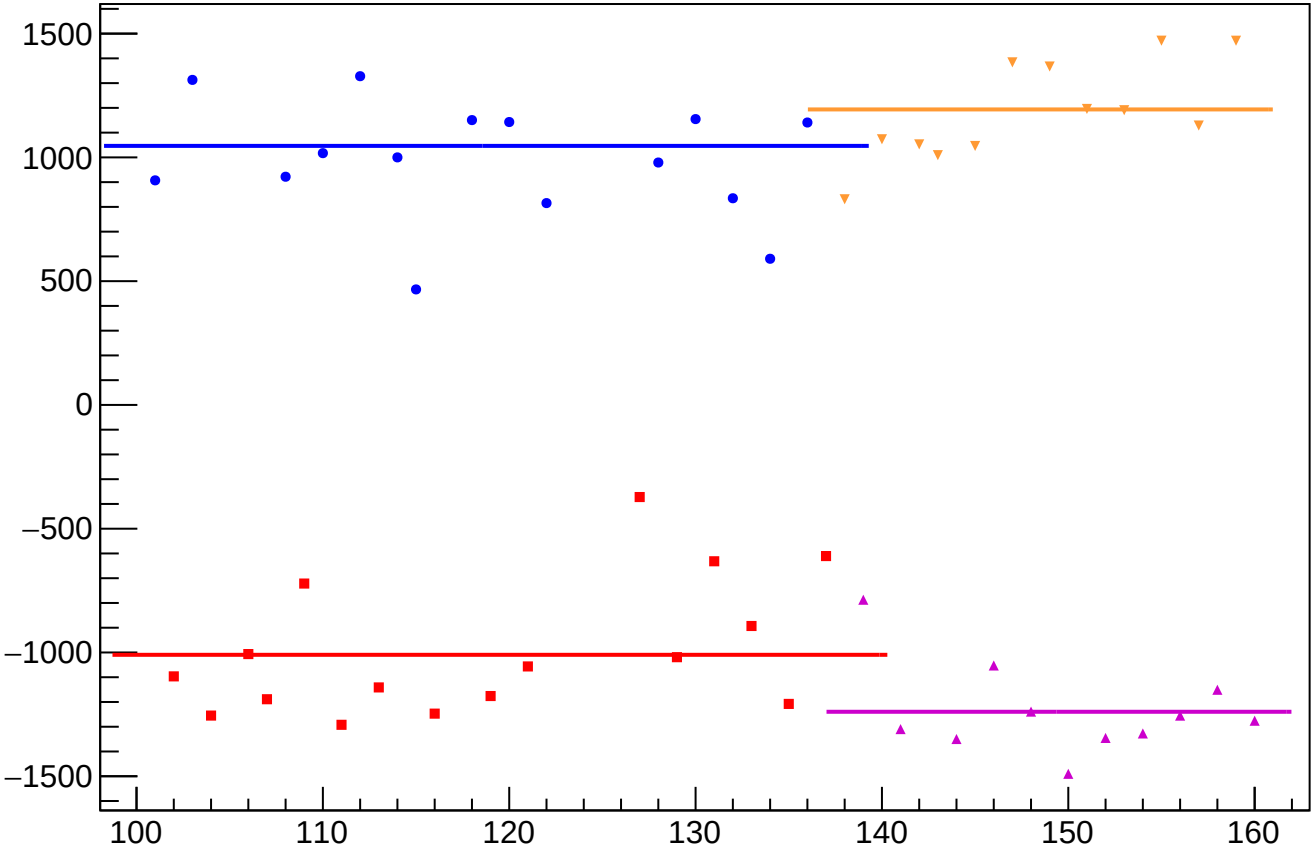
Left: -874.291+/-0.000 χ^2/NDF: 147554500401251
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9977.204+/-0.000 χ^2/NDF:691834785196318
Left In: -28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10
All: -262.152+/-0.000 χ^2/NDF: 18076481618

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



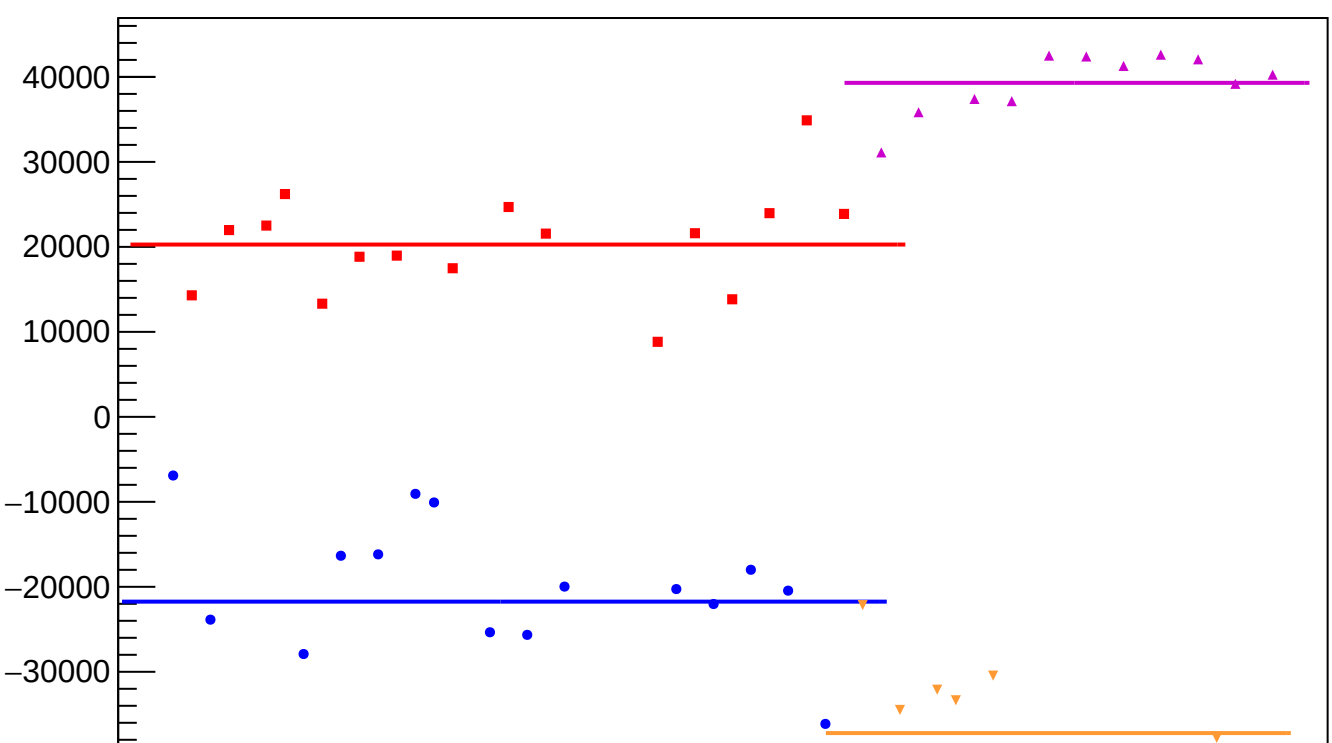
Left: -26.826+/-0.000 χ^2/NDF: 1129978912753072
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 744.985+/-0.000 χ^2/NDF:1957145398427896171993624787054444126 72.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 4
Right Out: -749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15
Out: 114.449+/-0.000 χ^2/NDF:190226279150661 6
Left In: -790.283+/-0.000 χ^2/NDF:2737599516301156010134916694943780044 8.0/10
All: -49.654+/-0.000 χ^2/NDF: 29466320745 7

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



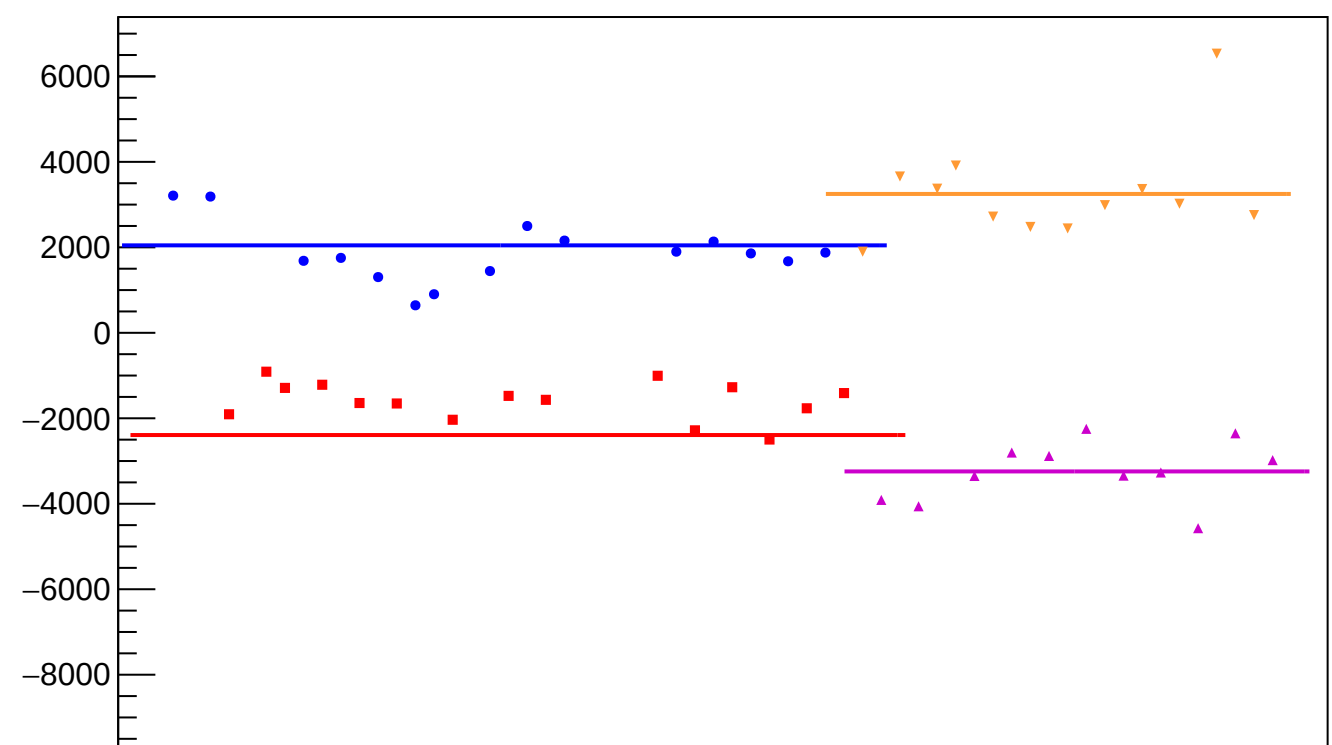
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr2_coil1_mean vs Slug, Sign Corrected



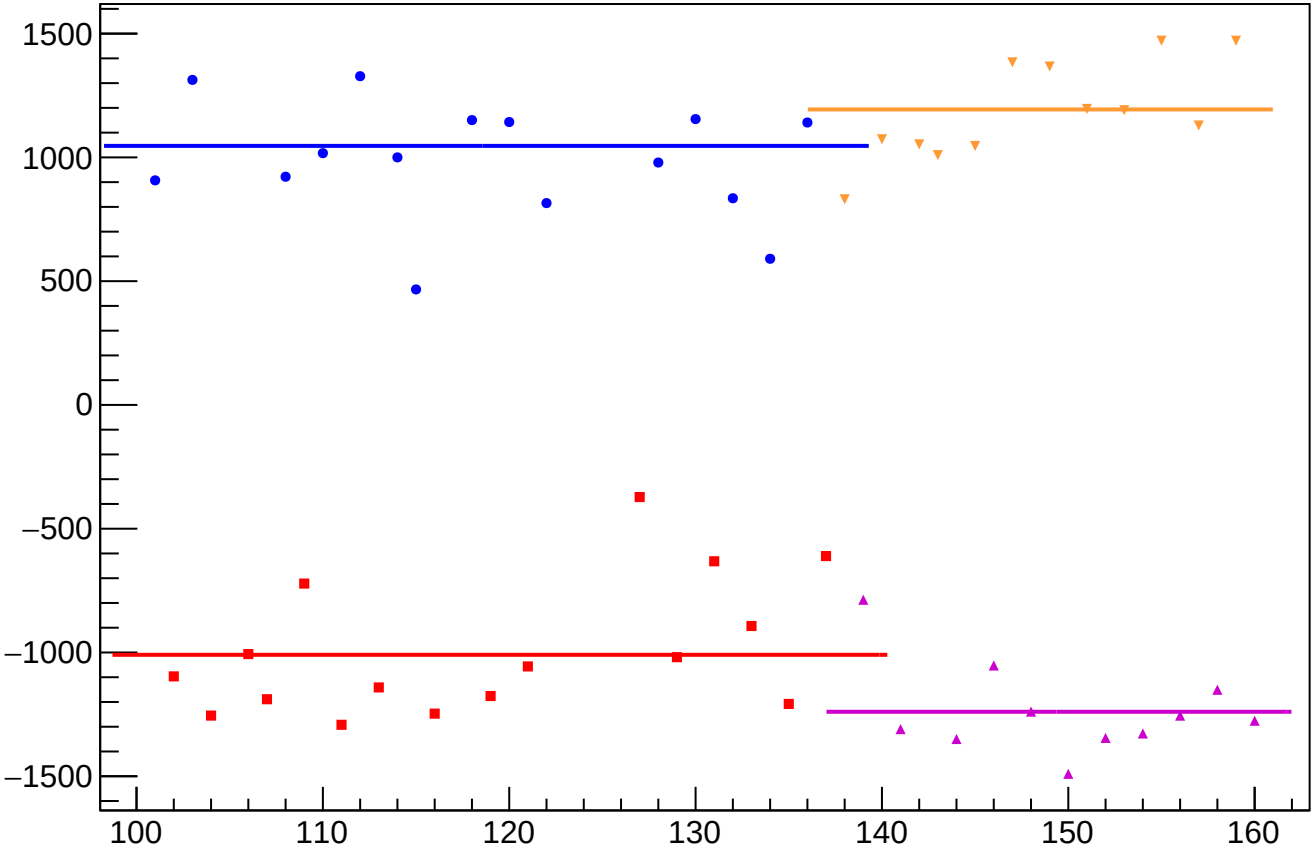
Left: 1253.360+/-0.000 χ^2/NDF: 273699578436603
Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
In: 14114.985+/-0.000 χ^2/NDF:147263048816292
Right Out: 20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
Out: -12958.212+/-0.000 χ^2/NDF:1336456927560
Left In: 39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10
All: 544.051+/-0.000 χ^2/NDF: 33870210816 3

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -14.745+/-0.000 χ^2/NDF: 2098375424202943
Right In: 2046.354+/-0.000 χ^2/NDF: 2665555159273488920368330583552263454 72.0/14
Right: -203.146+/-0.000 χ^2/NDF: 11161426338405
Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11
In: -1060.961+/-0.000 χ^2/NDF:113570353346731
Right Out: -2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15
Out: 869.355+/-0.000 χ^2/NDF:1787734182120147
Left In: -3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10
All: -93.355+/-0.000 χ^2/NDF: 321724014891

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

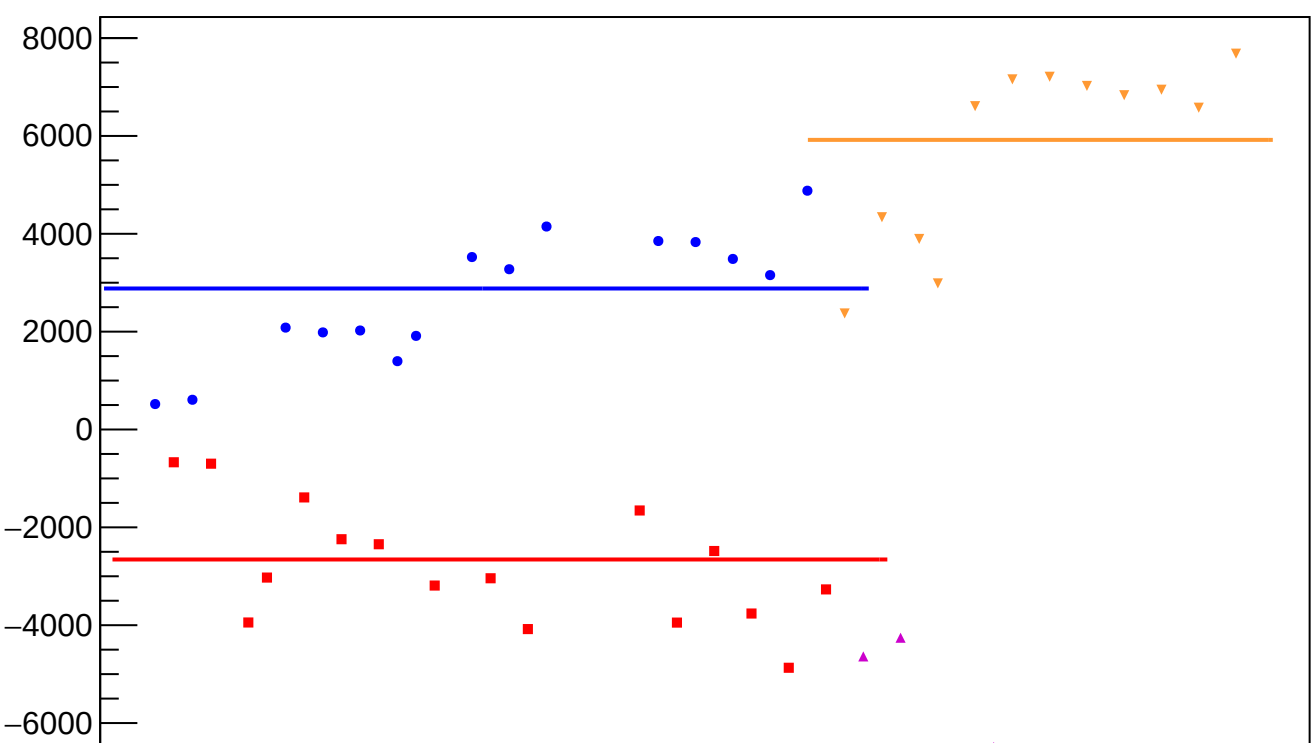
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

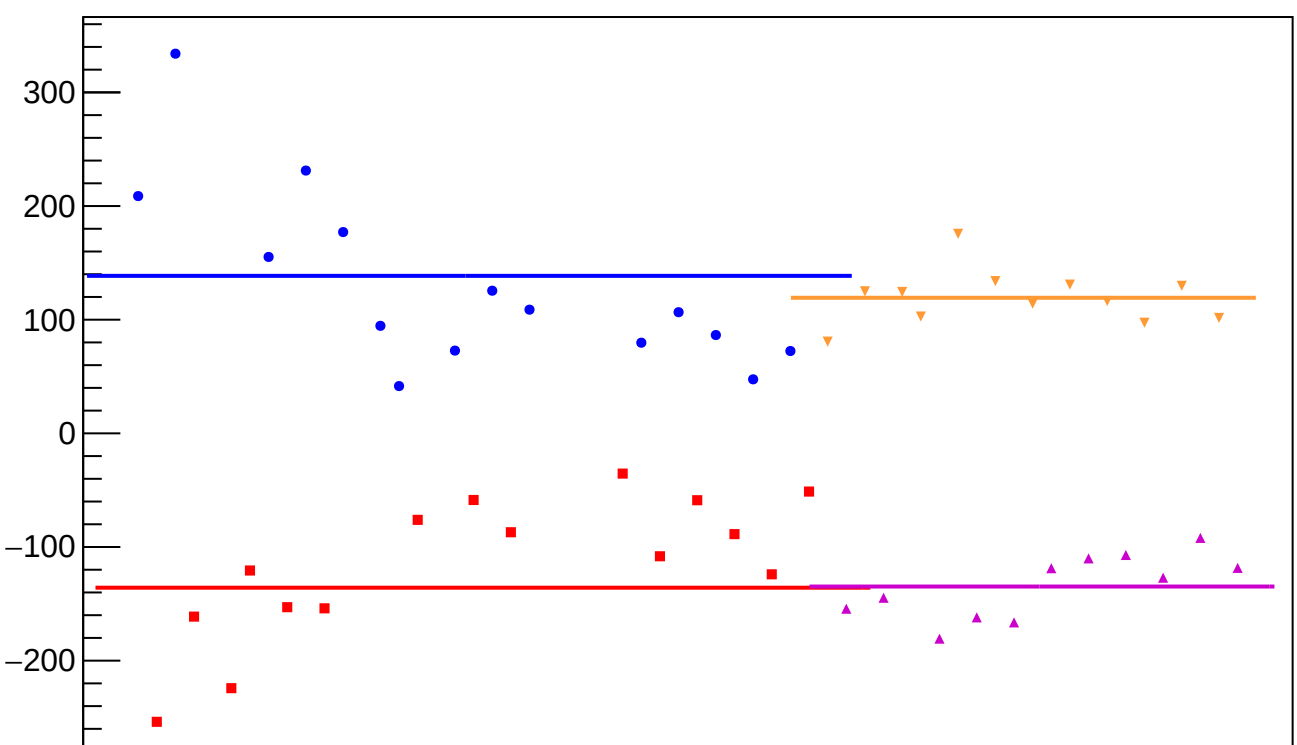
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -338.449+/-0.000 χ^2/NDF: 749205499962240
Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14
Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623
Left Out: 5919.511+/-0.000 χ^2/NDF:27790727000248458270279812401769857679 36.0/11
In: -2645.979+/-0.000 χ^2/NDF:360226231142325
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15
Out: 2301.245+/-0.000 χ^2/NDF:32219834427088 1
Left In: -6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10
All: -166.093+/-0.000 χ^2/NDF: 8754089406 5

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -8.443+/-0.000 χ^2/NDF: 30837594704815501

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

In: -21.999+/-0.000 χ^2/NDF:3342043565586624 5

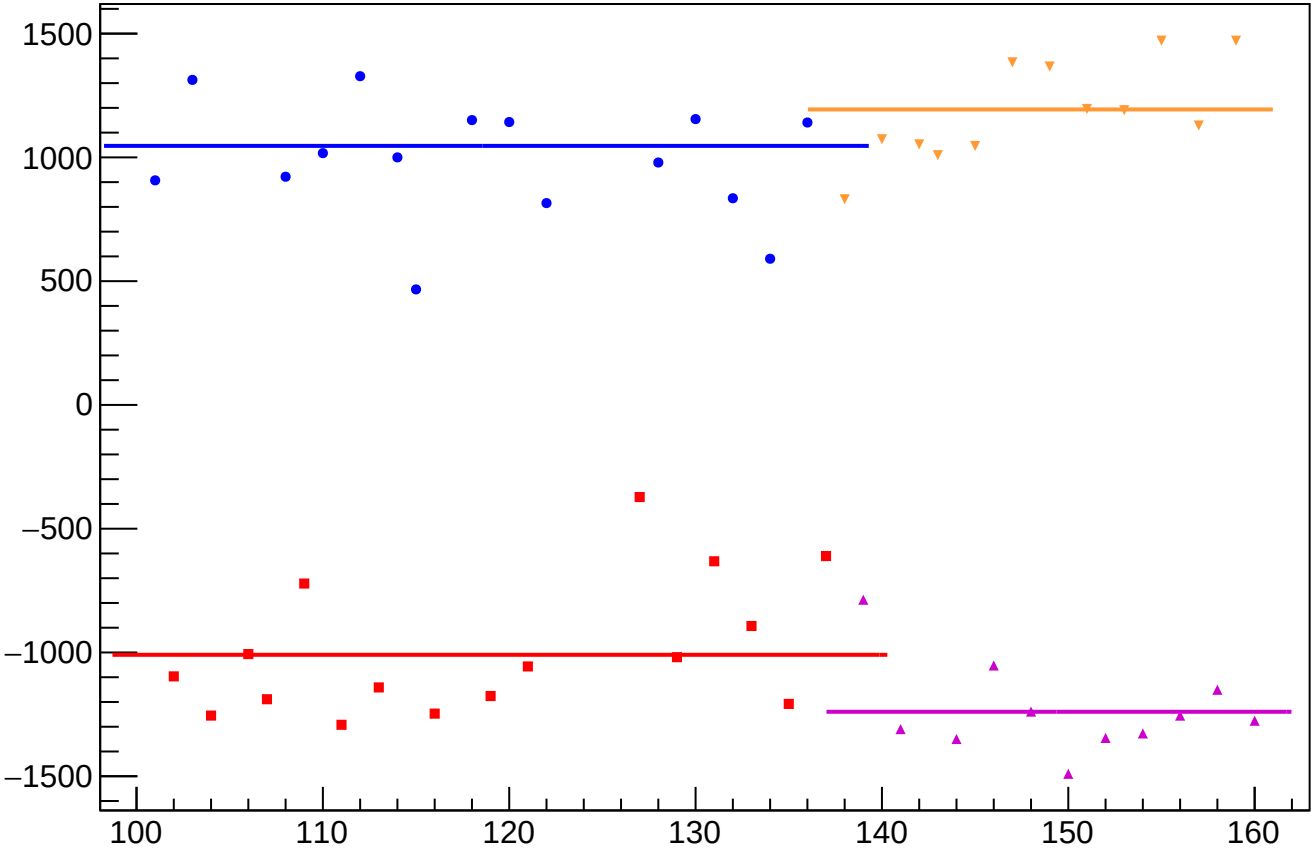
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.663+/-0.000 χ^2/NDF:2953589609078656 4

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

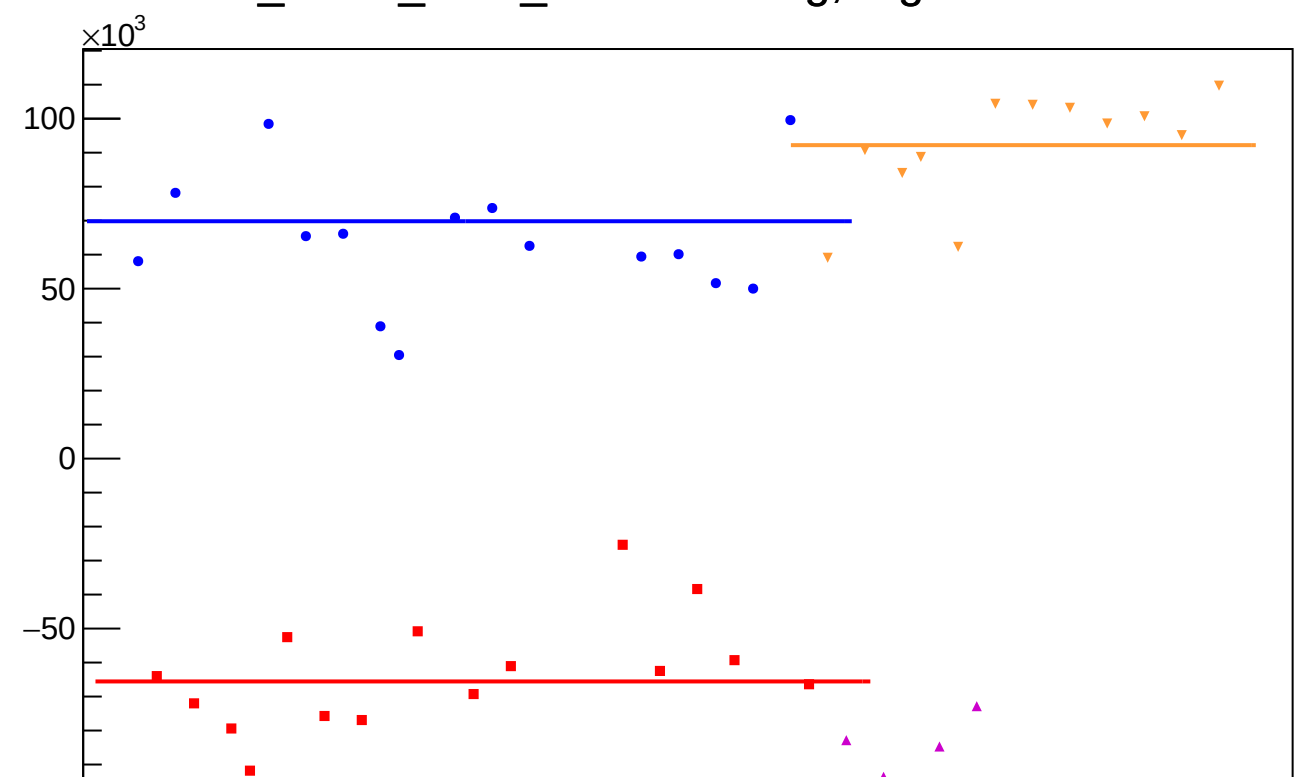
All: -5.125+/-0.000 χ^2/NDF: 6384982584601

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -2280.673+/-0.000 χ^2/NDF: 16562150487200

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 92210.698+/-0.000 χ^2/NDF:22657747665780758520208376768536028957900 8.0/11

In: -27434.339+/-0.000 χ^2/NDF:10741931116501

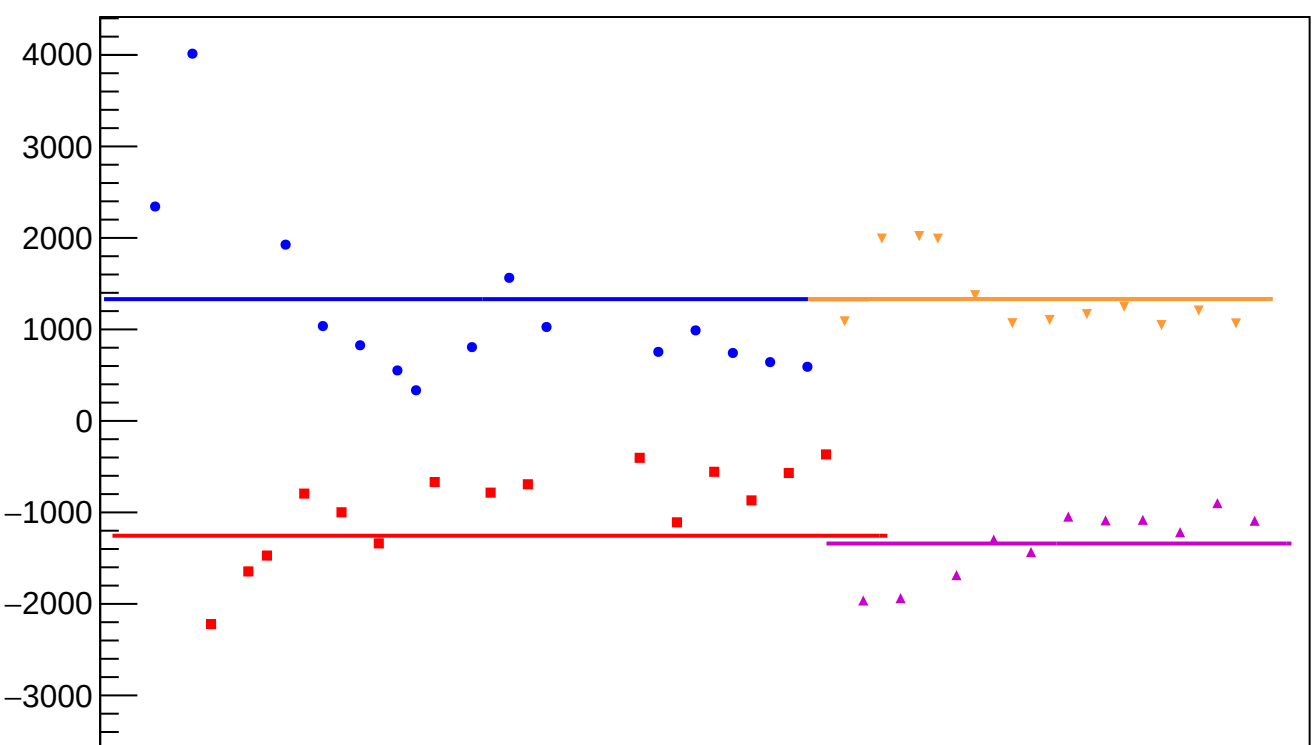
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25651.673+/-0.000 χ^2/NDF:10036256154988

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

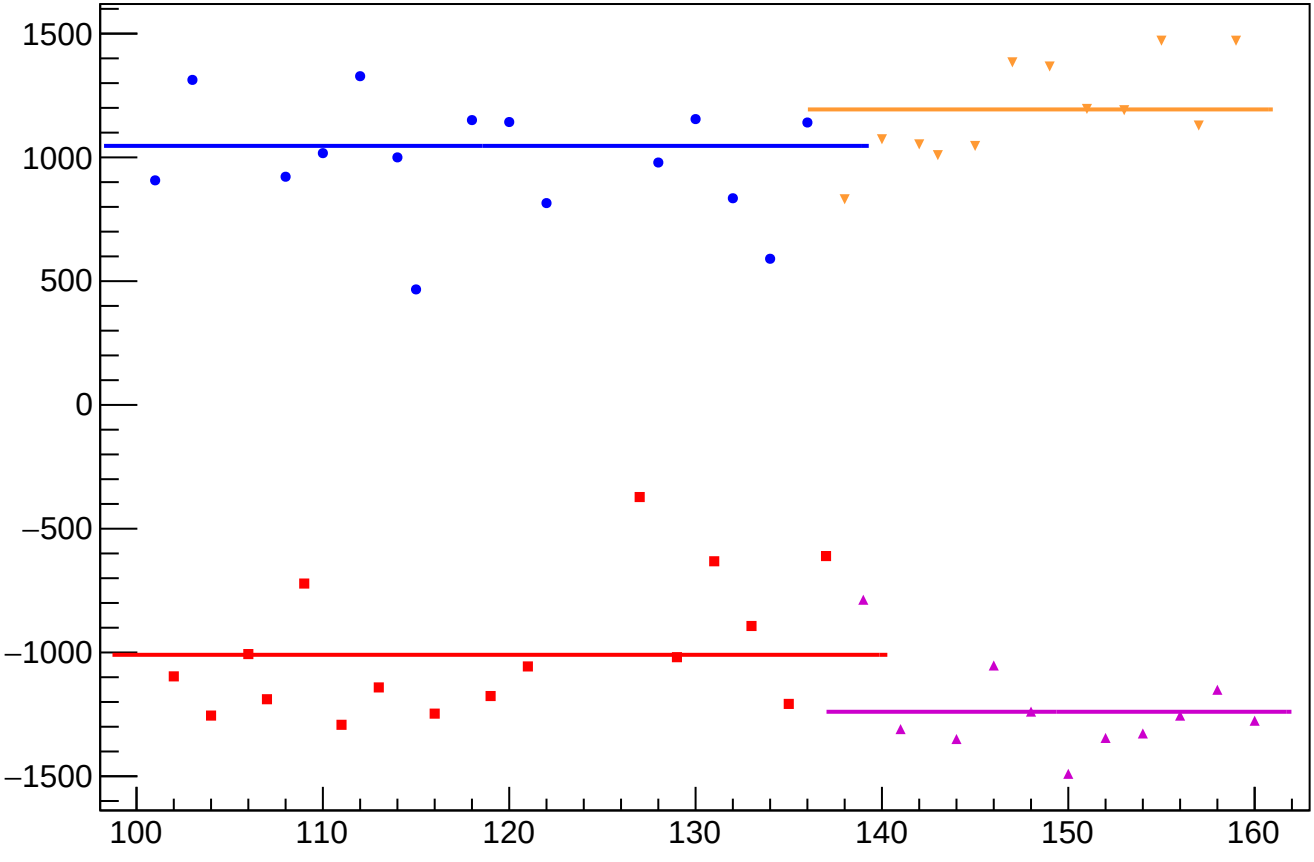
All: -824.008+/-0.000 χ^2/NDF: 23000264296

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



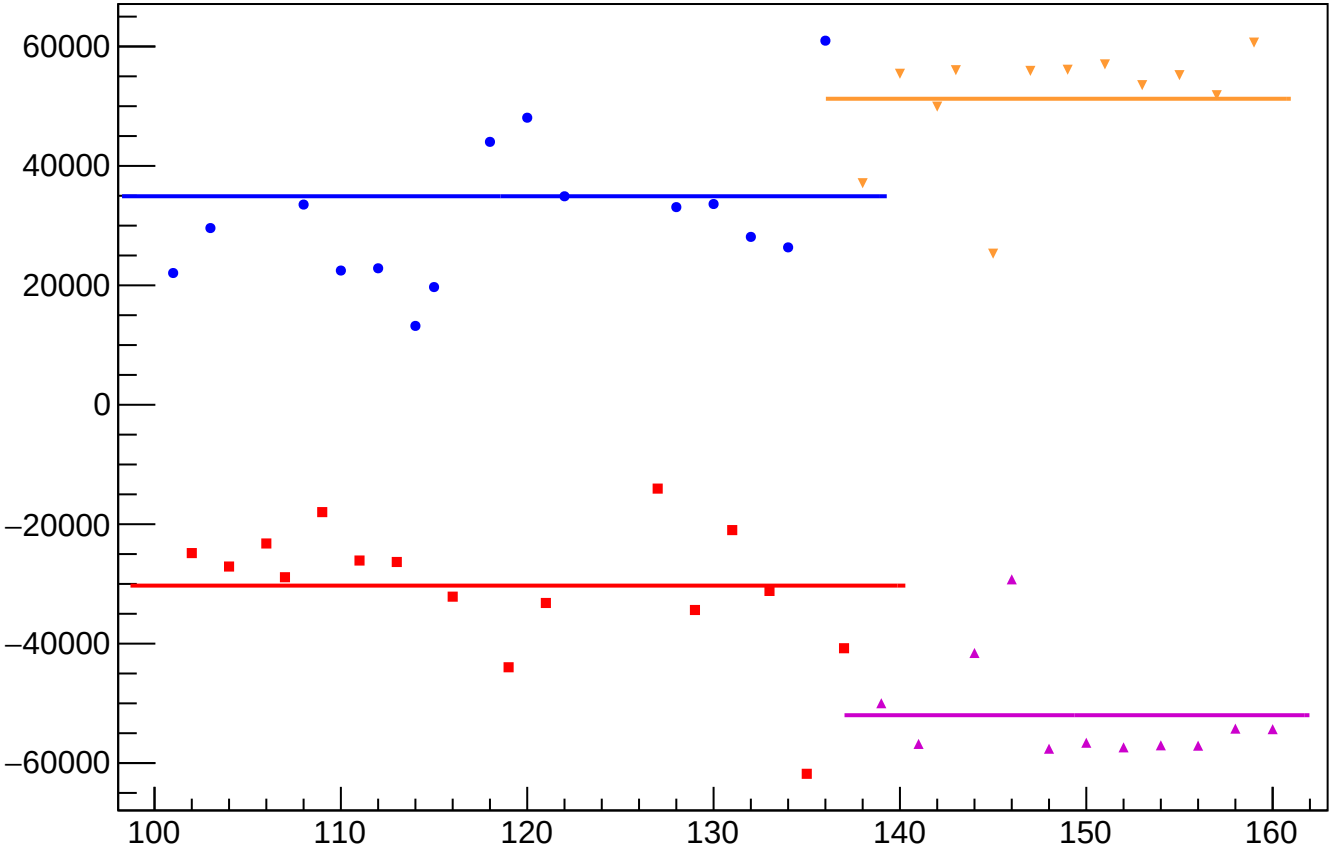
Left: -11.029+/-0.000 χ^2/NDF: 3514334276820303
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: 241.025+/-0.000 χ^2/NDF:3331380531893128
Left In: -1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777093 12.0/10
All: 2.067+/-0.000 χ^2/NDF: 6996159053055

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: -650.230+/-0.000 χ^2/NDF: 505001138848268

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

In: -16129.428+/-0.000 χ^2/NDF:30528033173327

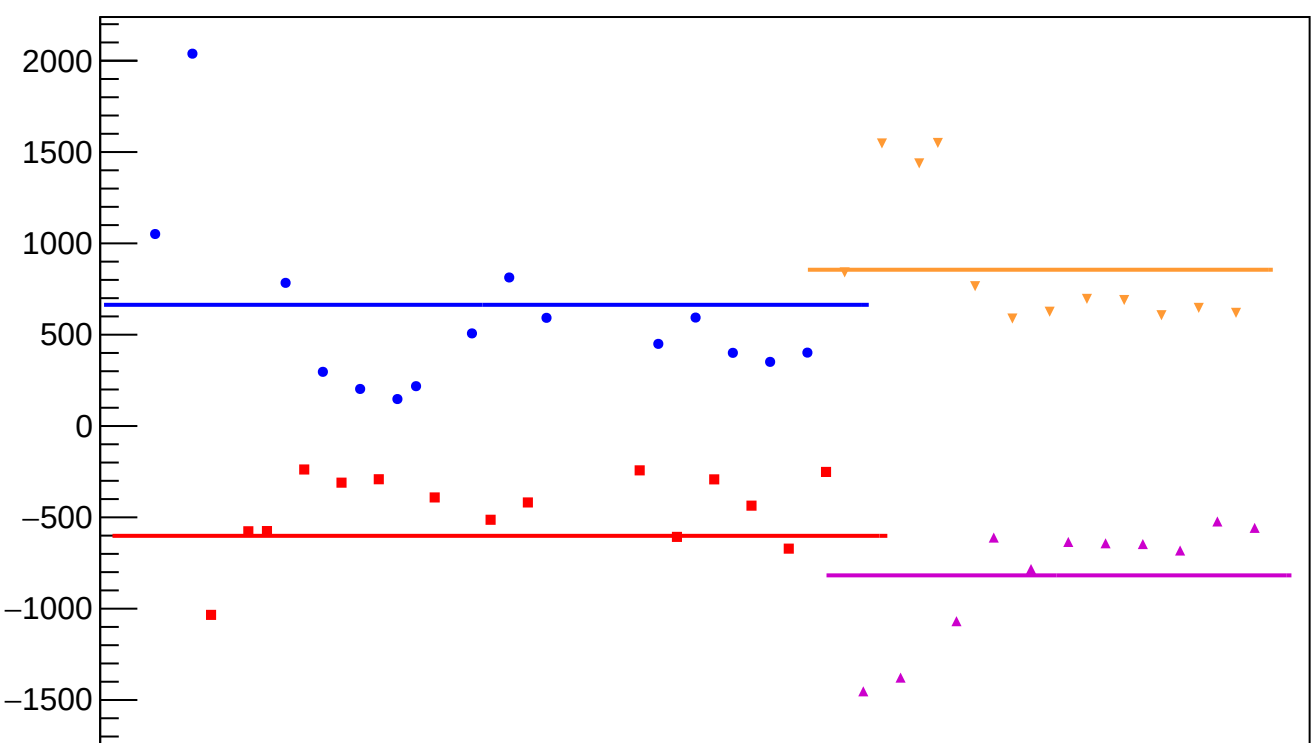
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 16850.740+/-0.000 χ^2/NDF:2737604183227 1

Left In: -51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

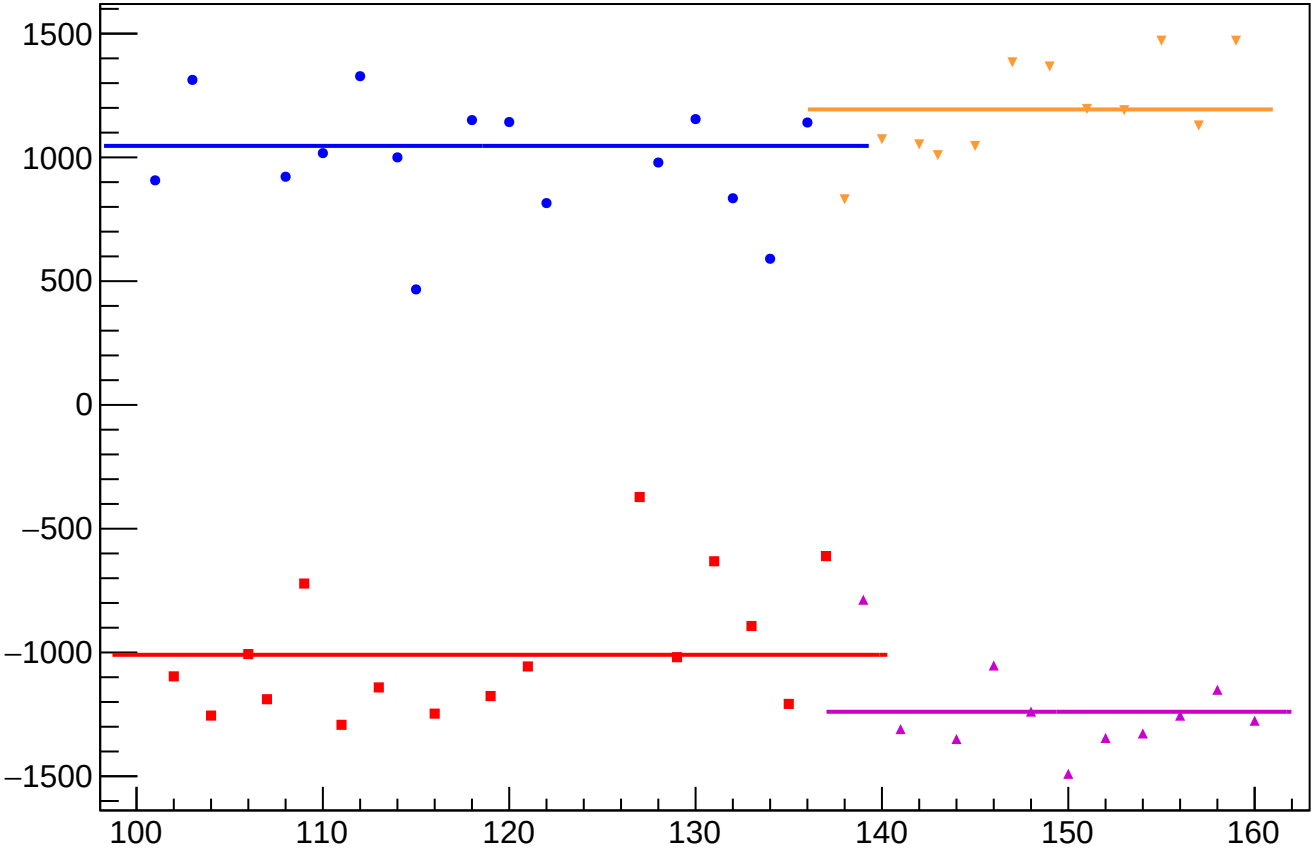
All: 402.483+/-0.000 χ^2/NDF: 66480467409 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



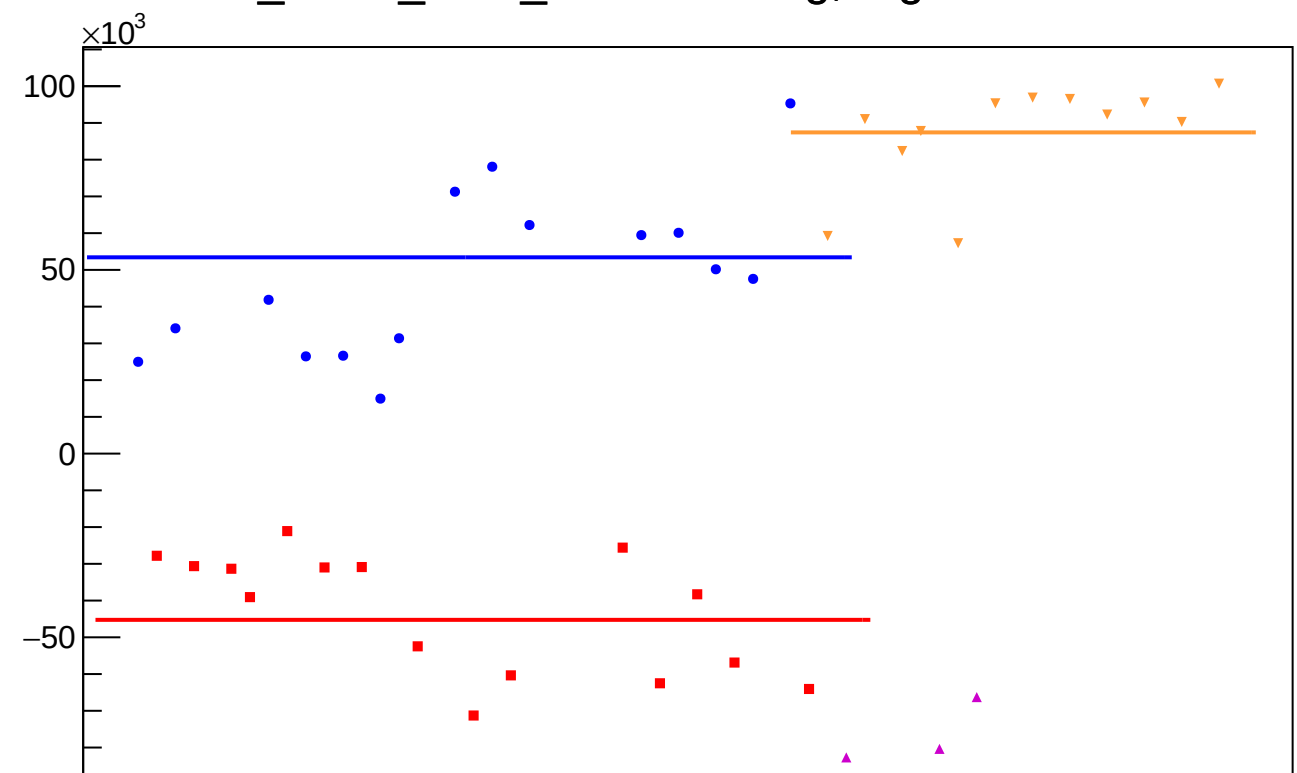
Left: 14.433+/-0.000 χ^2/NDF: 1491830780221848
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
In: -206.520+/-0.000 χ^2/NDF:1084558135298016
Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
Out: 241.007+/-0.000 χ^2/NDF:1083013180112686
Left In: -817.657+/-0.000 χ^2/NDF:9042954872371566332680529907681119436 8.0/10
All: 17.811+/-0.000 χ^2/NDF: 2325491183866

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -2060.108+/-0.000 χ^2/NDF: 14824251298743

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777346551808.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 87421.965+/-0.000 χ^2/NDF:17600944793397317229876580826958074332160.0/11

In: -31162.736+/-0.000 χ^2/NDF:83559951874998

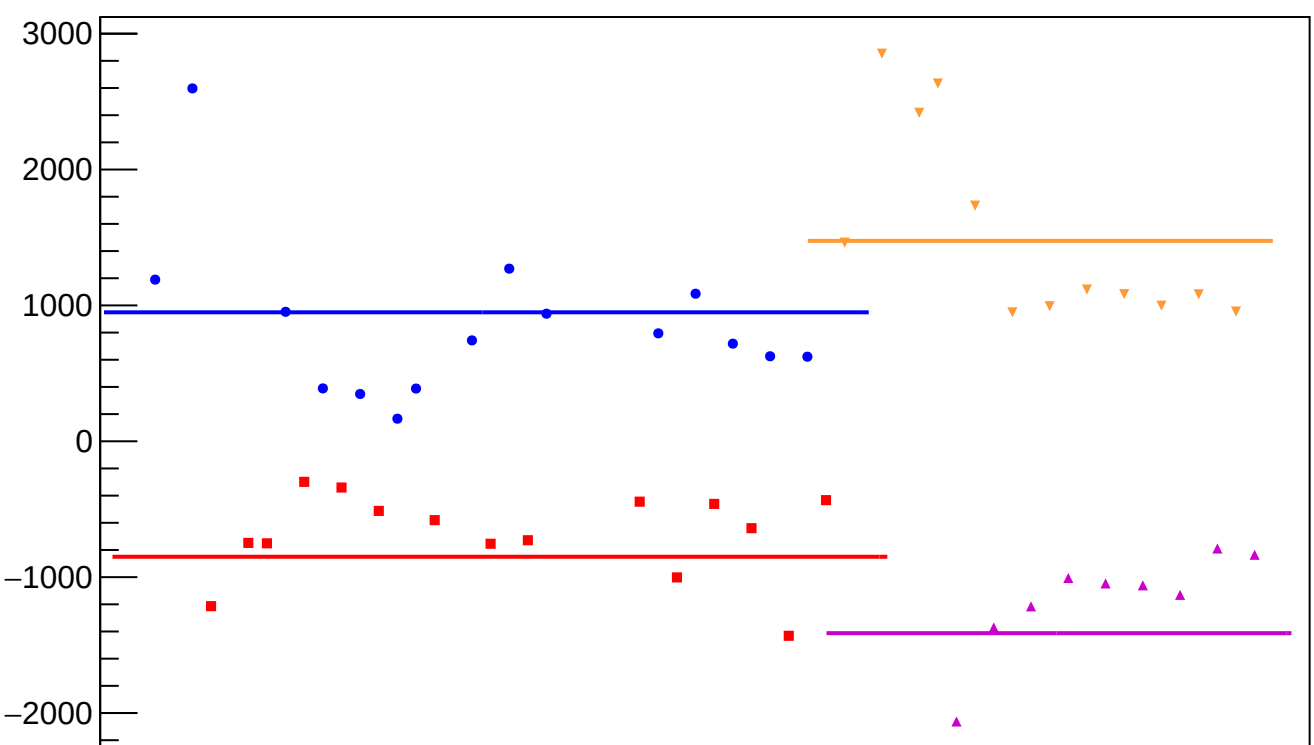
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405547928576.0/15

Out: 31450.674+/-0.000 χ^2/NDF:72491482538819

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

All: 223.377+/-0.000 χ^2/NDF: 186963897471

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Left: 23.551+/-0.000 χ^2/NDF: 4570501357423236

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

In: -437.909+/-0.000 χ^2/NDF:2684013086565036

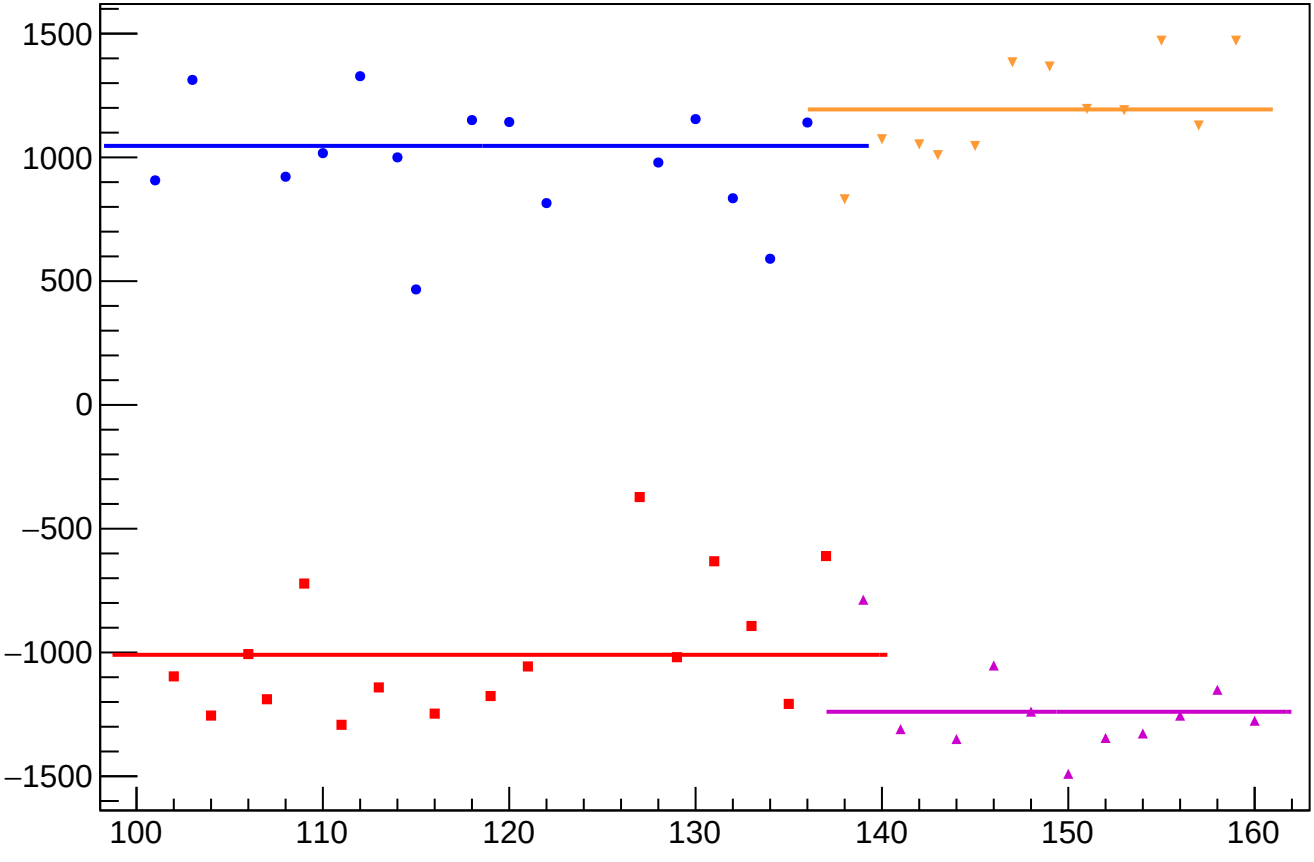
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 494.188+/-0.000 χ^2/NDF:2696503915470133

Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

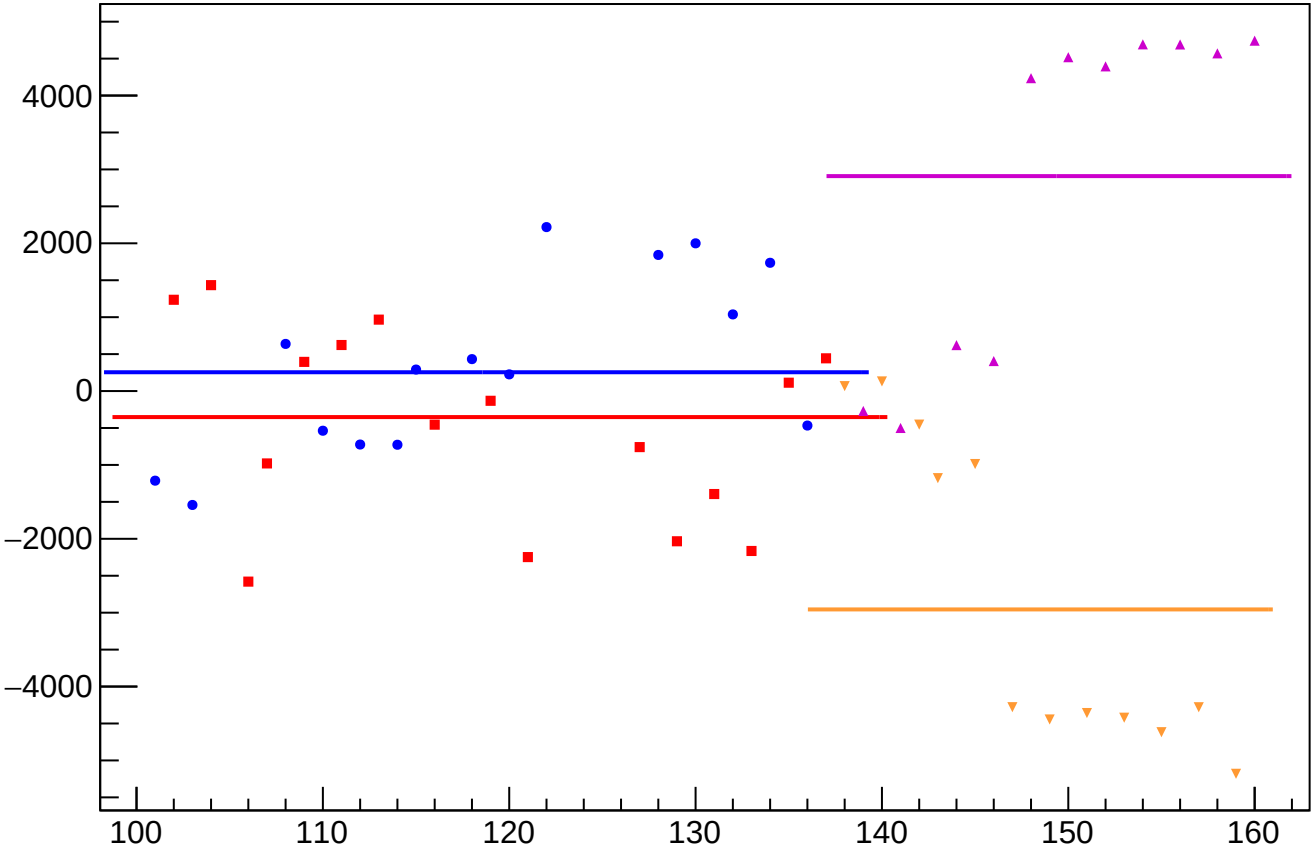
All: 29.322+/-0.000 χ^2/NDF: 6065565997163

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -7.270+/-0.000 χ^2/NDF: 23893577266149002

Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14

Right: -53.015+/-0.000 χ^2/NDF: 220036732540735

Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11

In: 1814.139+/-0.000 χ^2/NDF:804296313002970

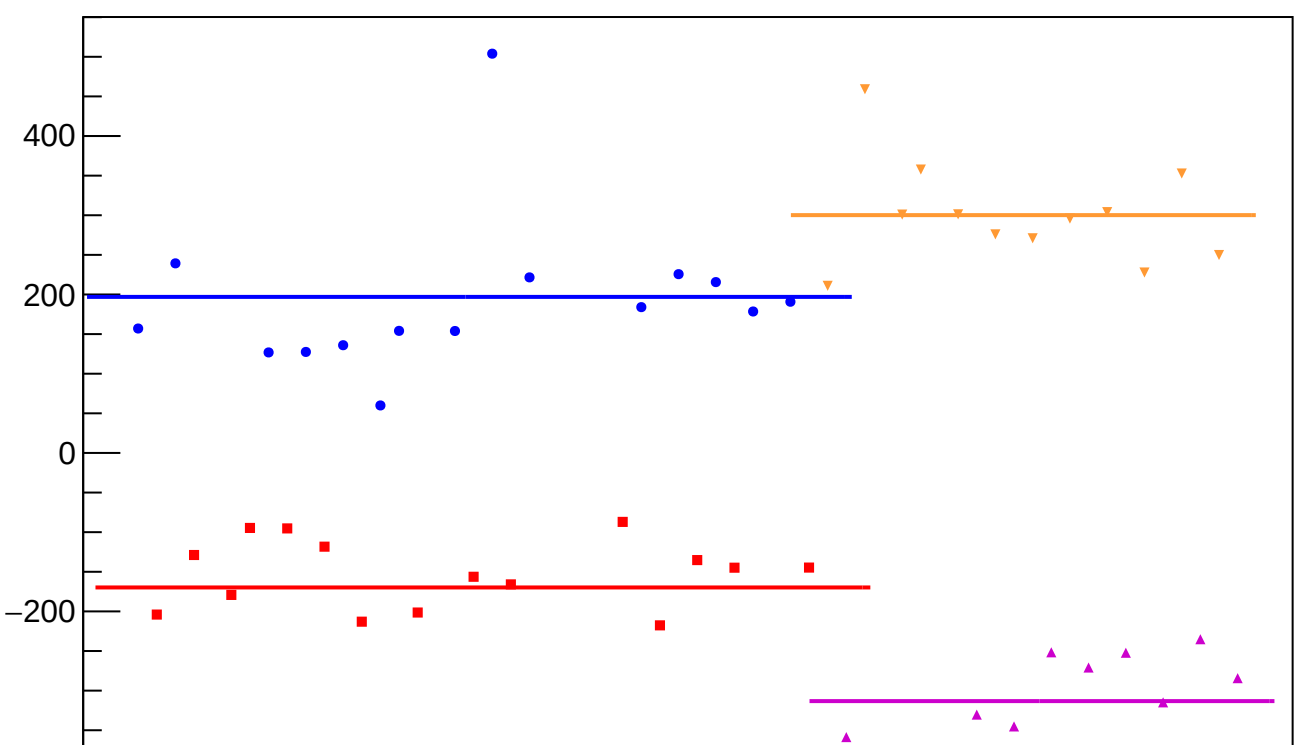
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

Out: -1857.540+/-0.000 χ^2/NDF:74227087248686

Left In: 2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

All: -26.357+/-0.000 χ^2/NDF: 260955494544

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Left: -8.206+/-0.000 χ^2/NDF: 17982757813530948

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

Left Out: 300.154+/-0.000 χ^2/NDF:3873021428685352941137053448690204672.0/11

In: -102.733+/-0.000 χ^2/NDF:1067935716569052

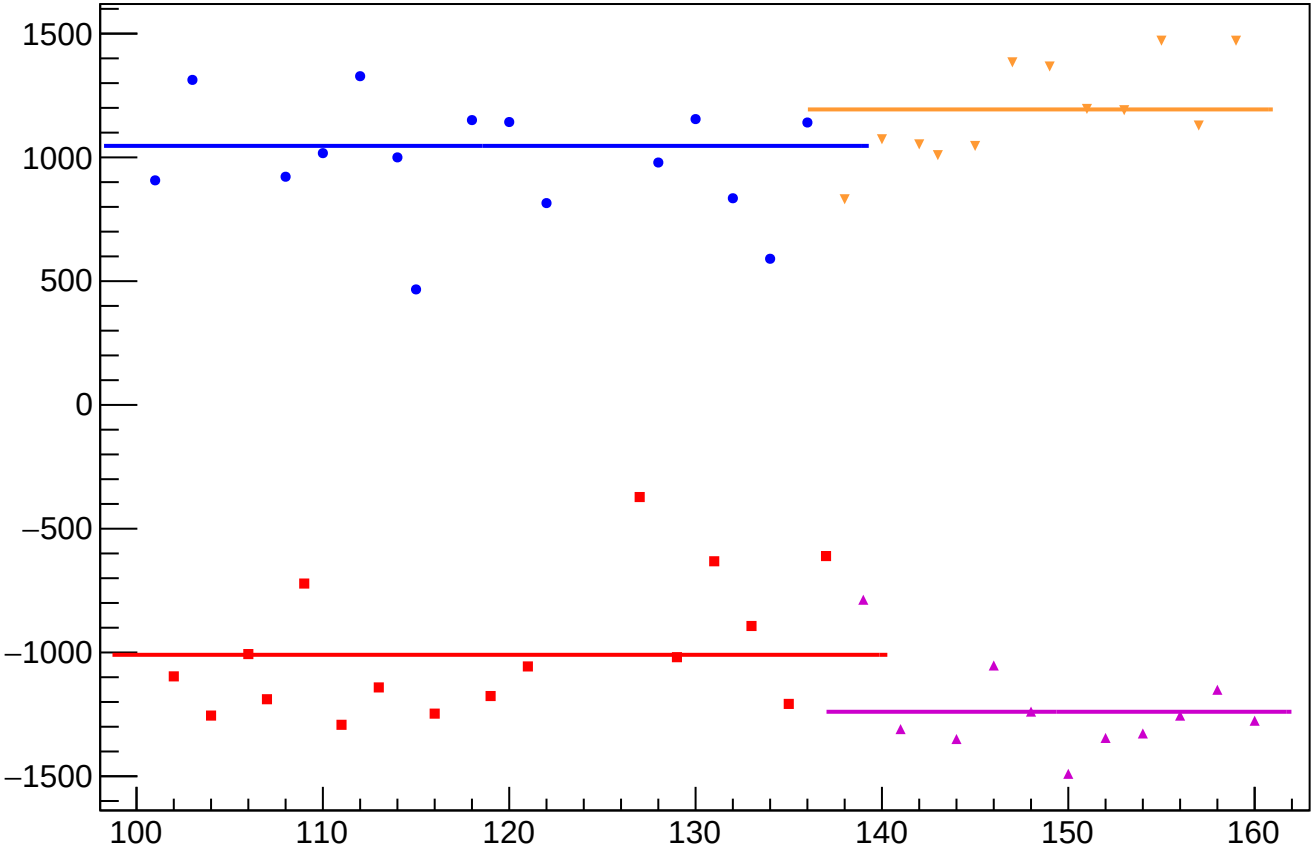
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 101.896+/-0.000 χ^2/NDF:929205168991504

Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10

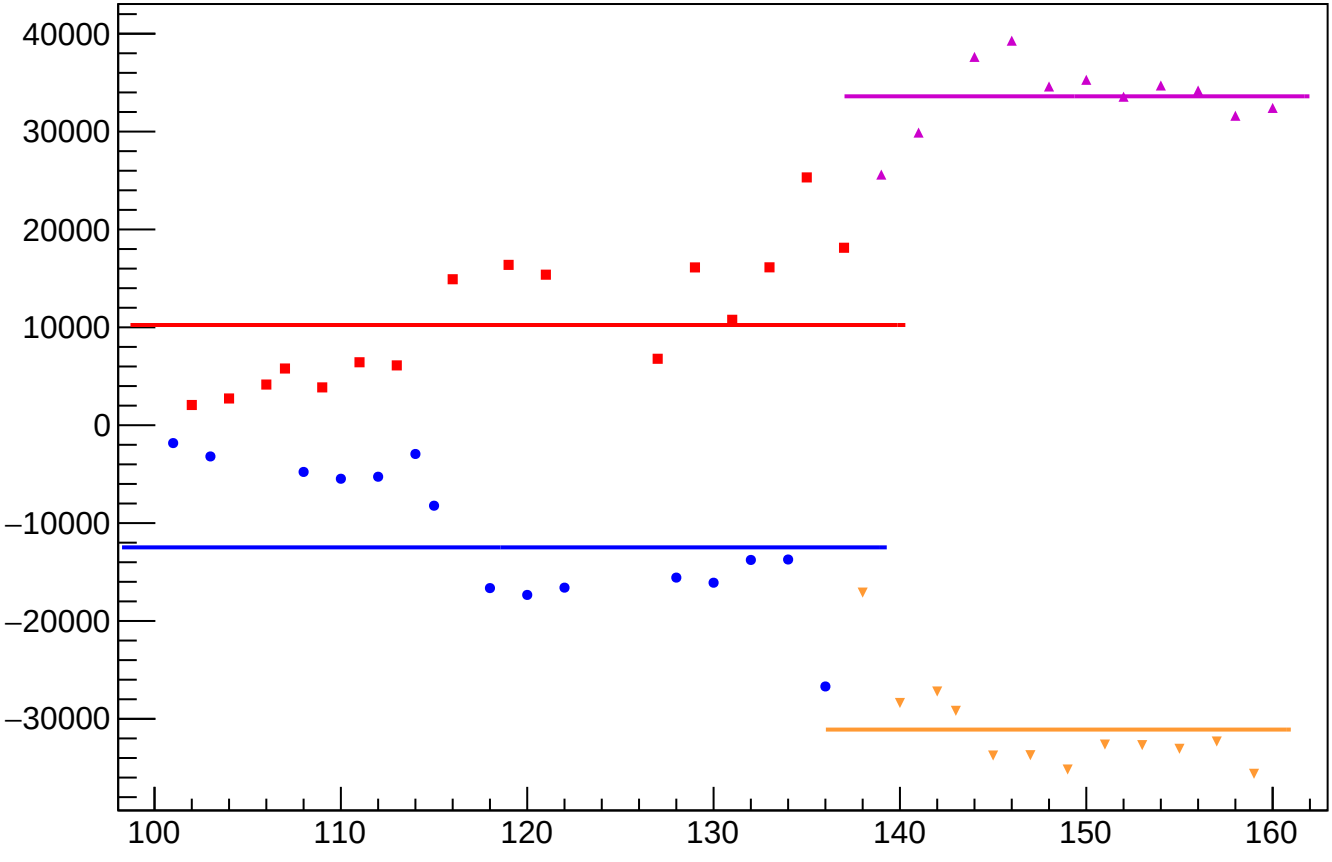
All: -0.159+/-0.000 χ^2/NDF: 2327307530740

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 1429.385+/-0.000 χ^2/NDF: 19565583595098

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

In: 14589.951+/-0.000 χ^2/NDF:86214672145906

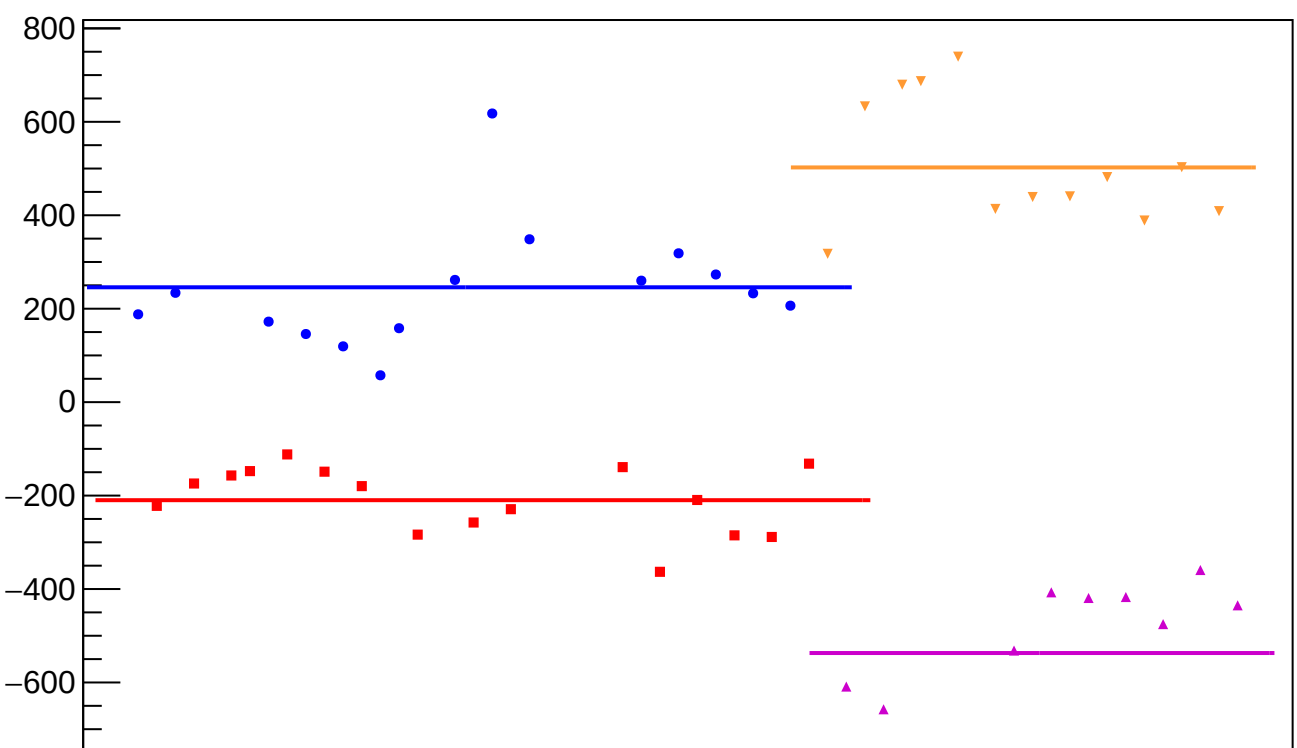
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -13657.980+/-0.000 χ^2/NDF:7118042053110

Left In: 33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

All: 430.161+/-0.000 χ^2/NDF: 22031269649

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 502.365+/-0.000 χ^2/NDF:1519156609286494211376362666392236851 2.0/11

Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

Left: -20.132+/-0.000 χ^2/NDF: 5323446467512180

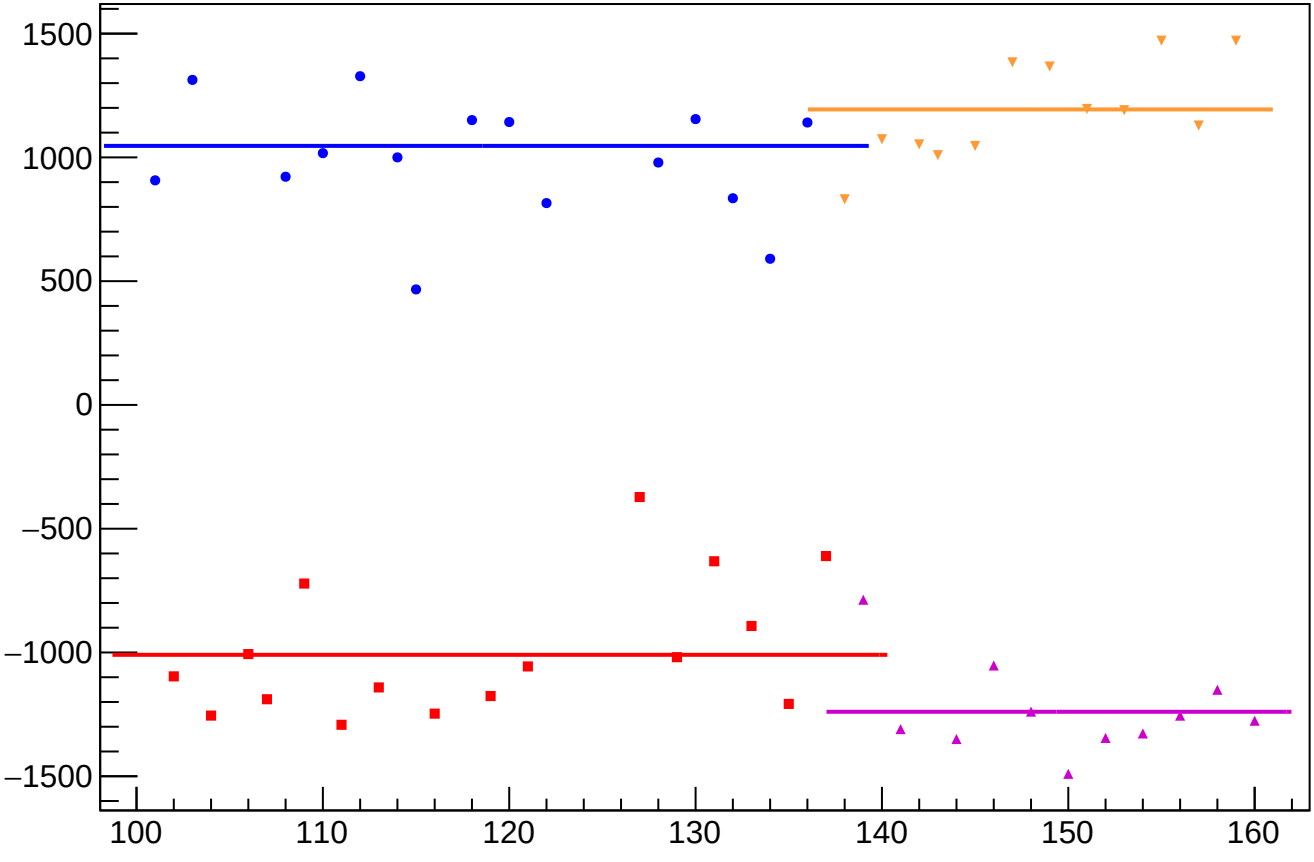
Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Out: 201.895+/-0.000 χ^2/NDF:2139138372014608

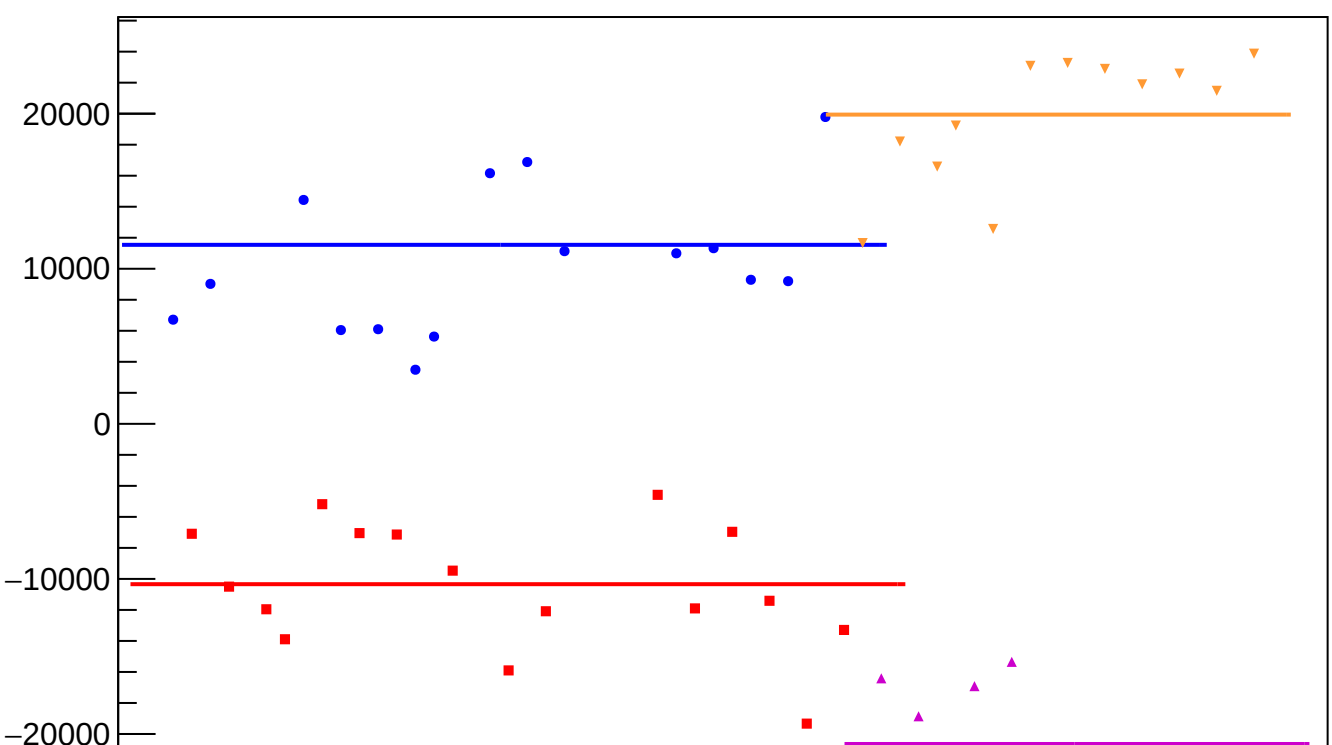
All: -5.524+/-0.000 χ^2/NDF: 6125424587177

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: -462.888+/-0.000 χ^2/NDF: 780393460783243

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19940.398+/-0.000 χ^2/NDF:150694867433458665068686580084002930032 64.0/11

In: -7364.946+/-0.000 χ^2/NDF:417673505445330

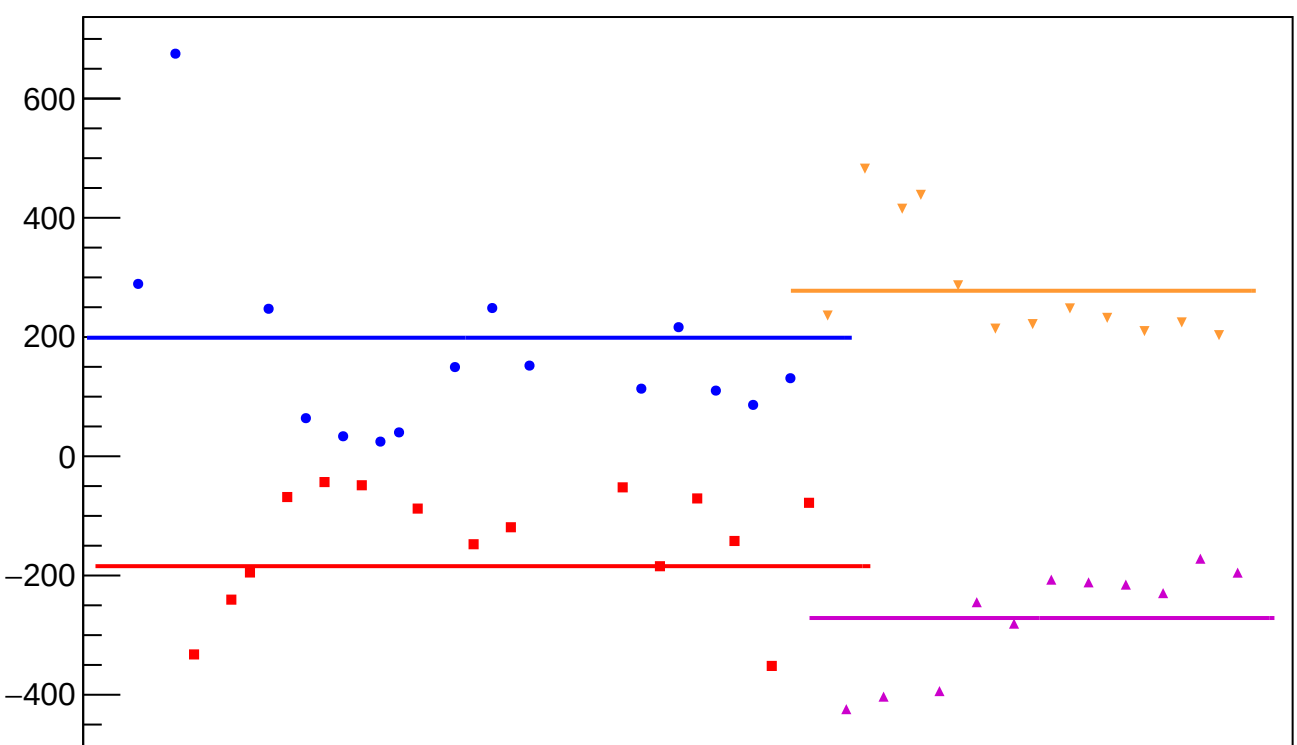
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7165.569+/-0.000 χ^2/NDF:37988973968207 7

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

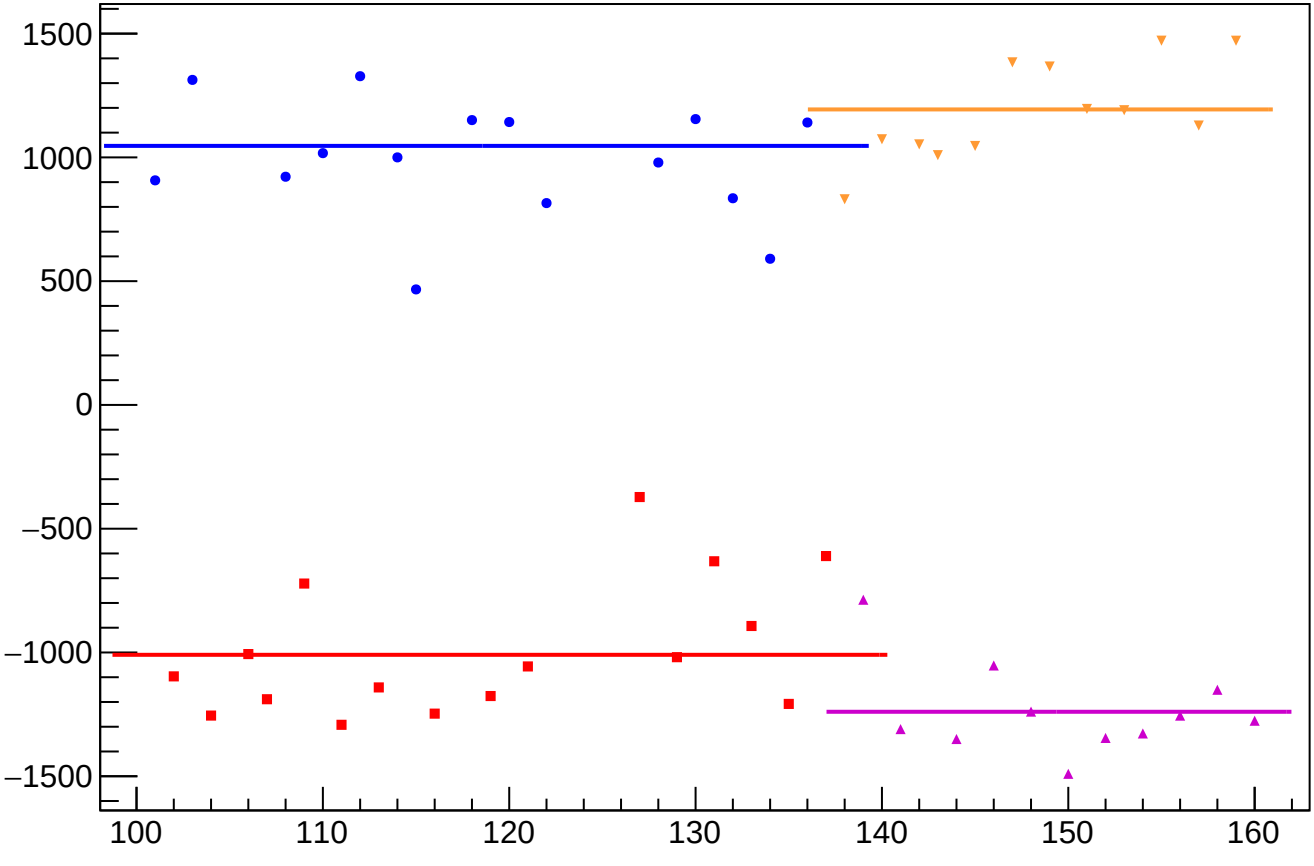
All: -81.261+/-0.000 χ^2/NDF: 964042806490

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



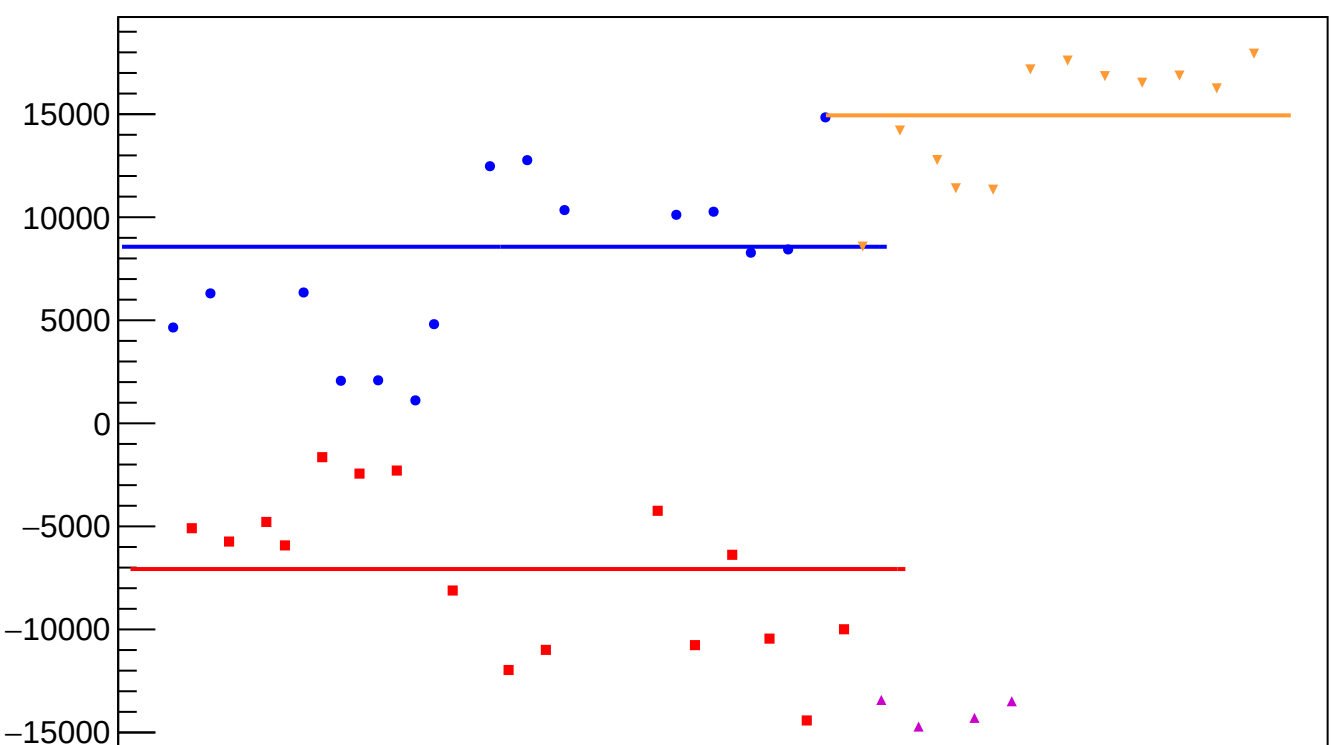
Left: 1.680+/-0.000 χ^2/NDF: 15360478630290122
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 277.638+/-0.000 χ^2/NDF:80386137058904862279846888470143303 68.0/11
In: -77.317+/-0.000 χ^2/NDF:10971103033492192
Right Out: -184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15
Out: 82.741+/-0.000 χ^2/NDF:1052585597535174
Left In: -271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10
All: 2.915+/-0.000 χ^2/NDF: 2351696492796

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



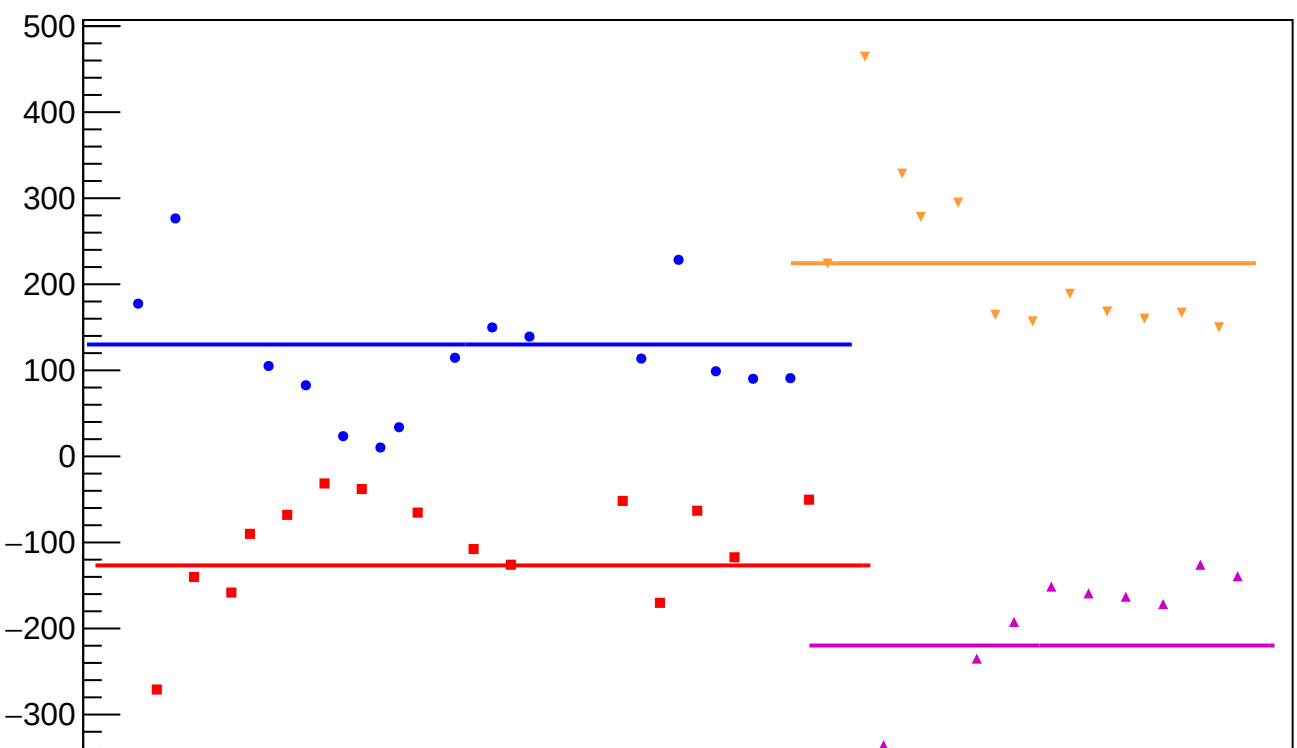
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam8_coil1_mean vs Slug, Sign Corrected



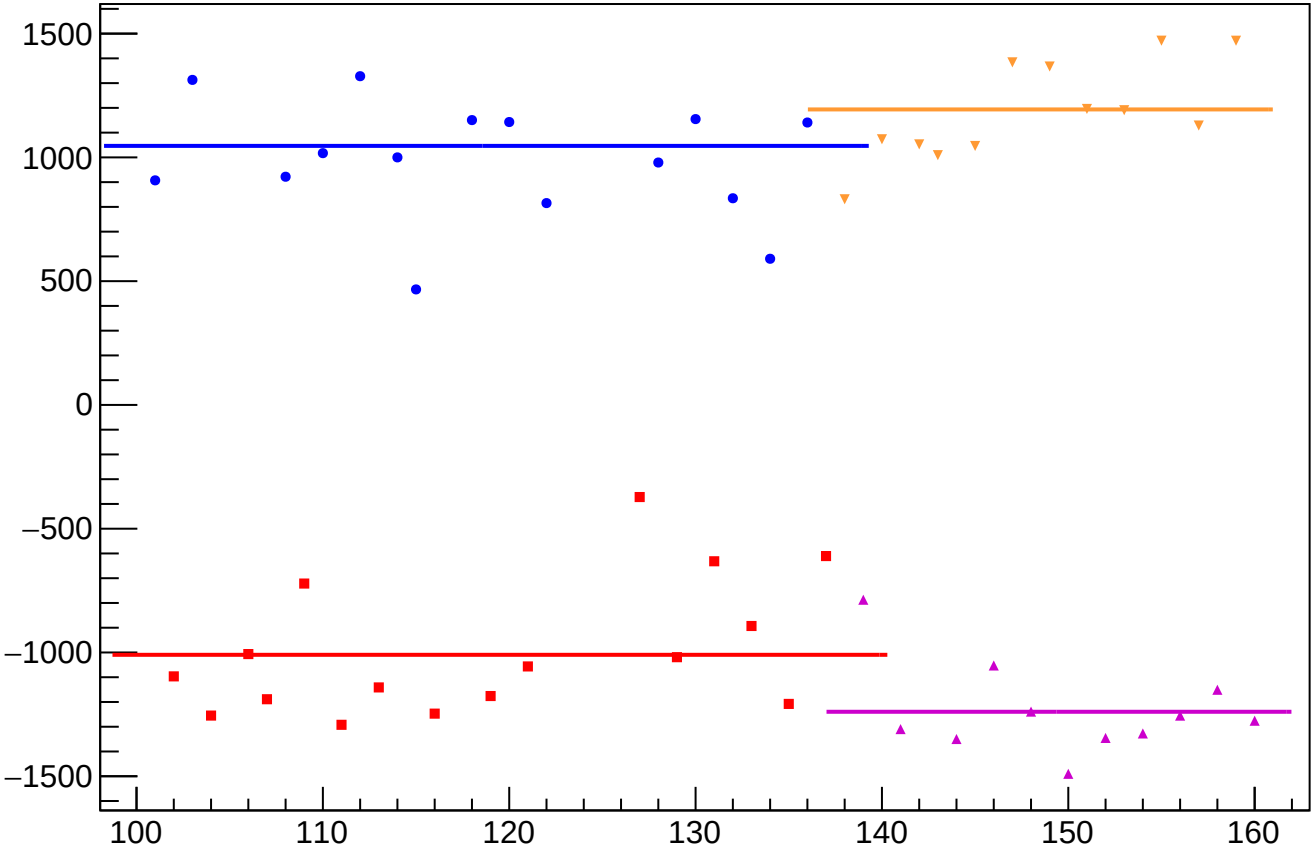
Left: -606.081+/-0.000 χ^2/NDF: 449973748621365
Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
Right: 642.005+/-0.000 χ^2/NDF: 101620430321781
Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11
In: -5856.261+/-0.000 χ^2/NDF:243442912299638
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15
Out: 5656.420+/-0.000 χ^2/NDF:204837318375848
Left In: -15987.436+/-0.000 χ^2/NDF:247039342825481572862908333262999912448 0.0/10
All: -85.320+/-0.000 χ^2/NDF: 552788797574

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



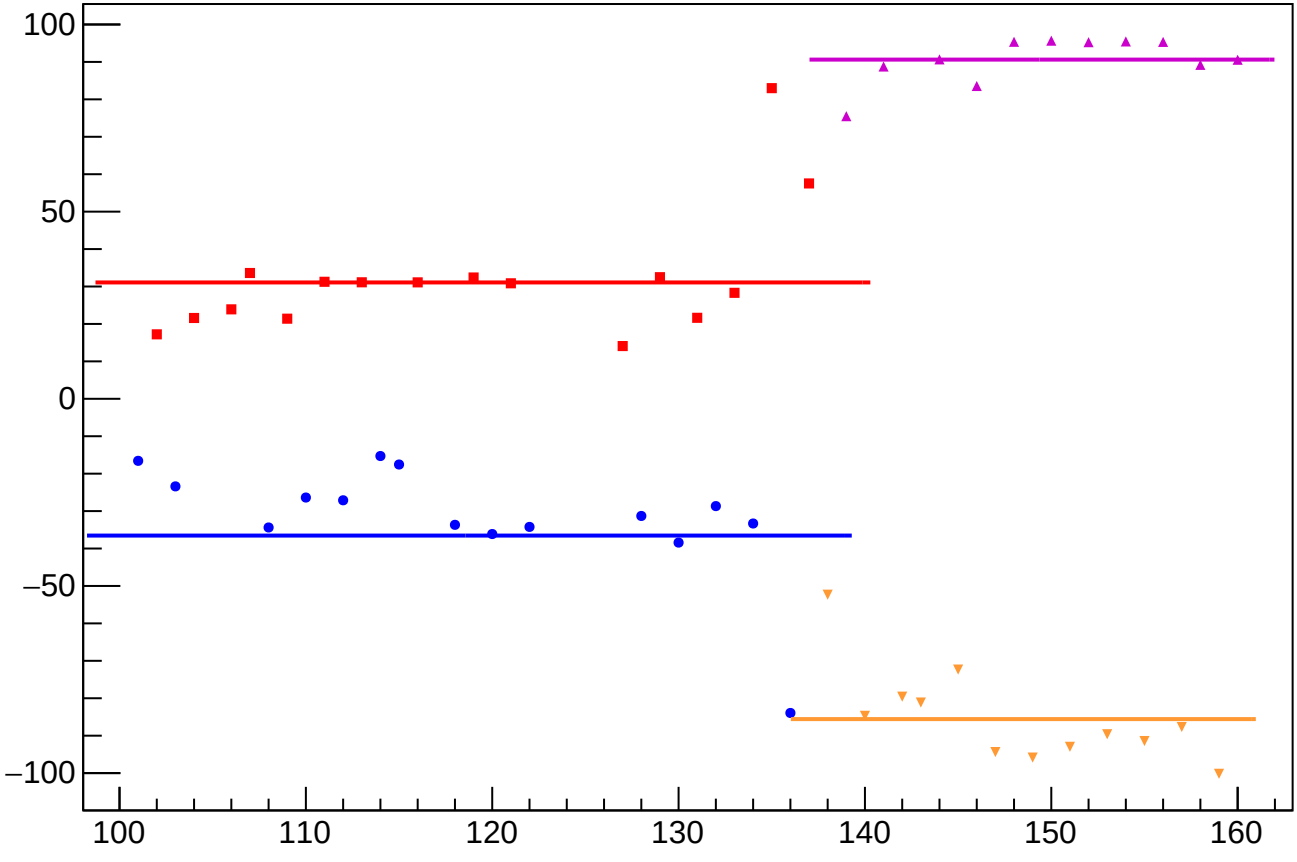
Left: 1.127+/-0.000 χ^2/NDF: 10597011405923870
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11
In: -75.461+/-0.000 χ^2/NDF:5718321474532916
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15
Out: 76.306+/-0.000 χ^2/NDF:6081924856680347
Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10
All: 0.615+/-0.000 χ^2/NDF: 1361639505758

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



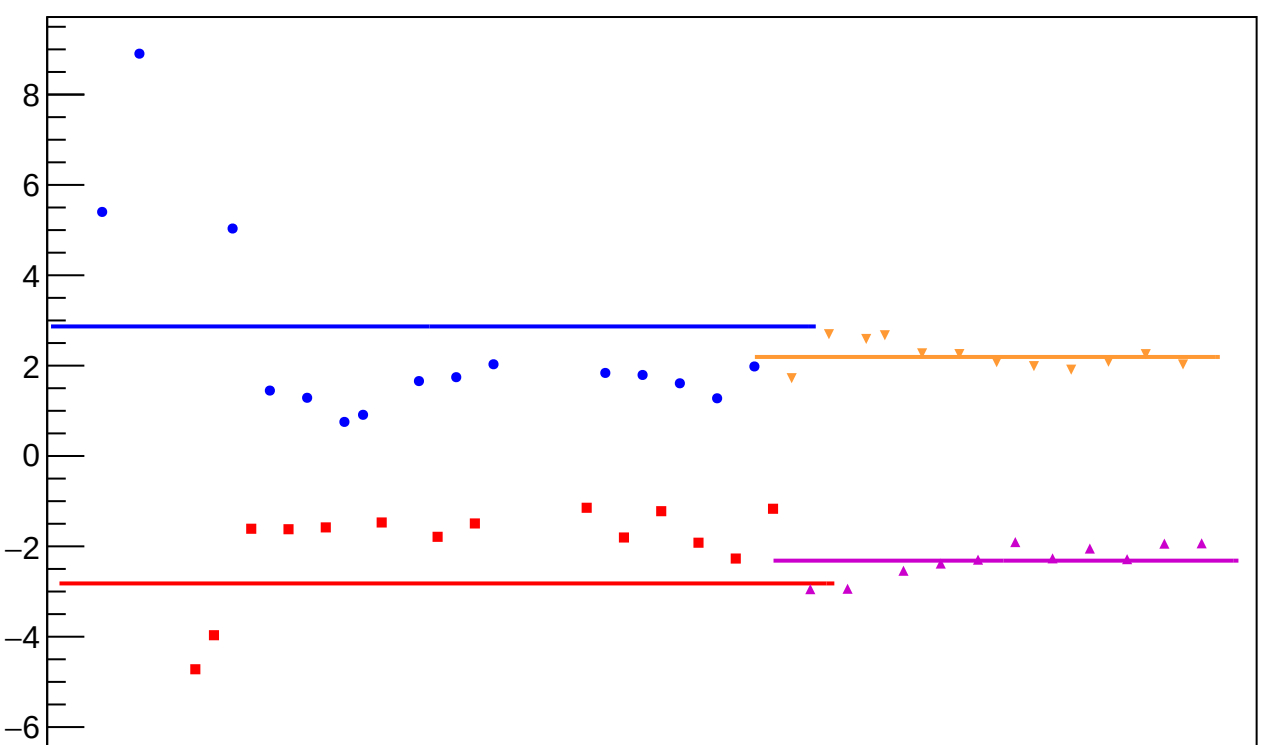
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 3.003+/-0.000 χ^2/NDF: 14440185336752927
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11
In: 38.154+/-0.000 χ^2/NDF:64516085545673936
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -36.355+/-0.000 χ^2/NDF:5572346140178000
Left In: 90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10
All: 0.805+/-0.000 χ^2/NDF: 16401400360245

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.192+/-0.000 χ^2/NDF:7604390678914156108458001589862 4.0/11

Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Left In: -2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

Left: -0.075+/-0.000 χ^2/NDF: 95306809315306736

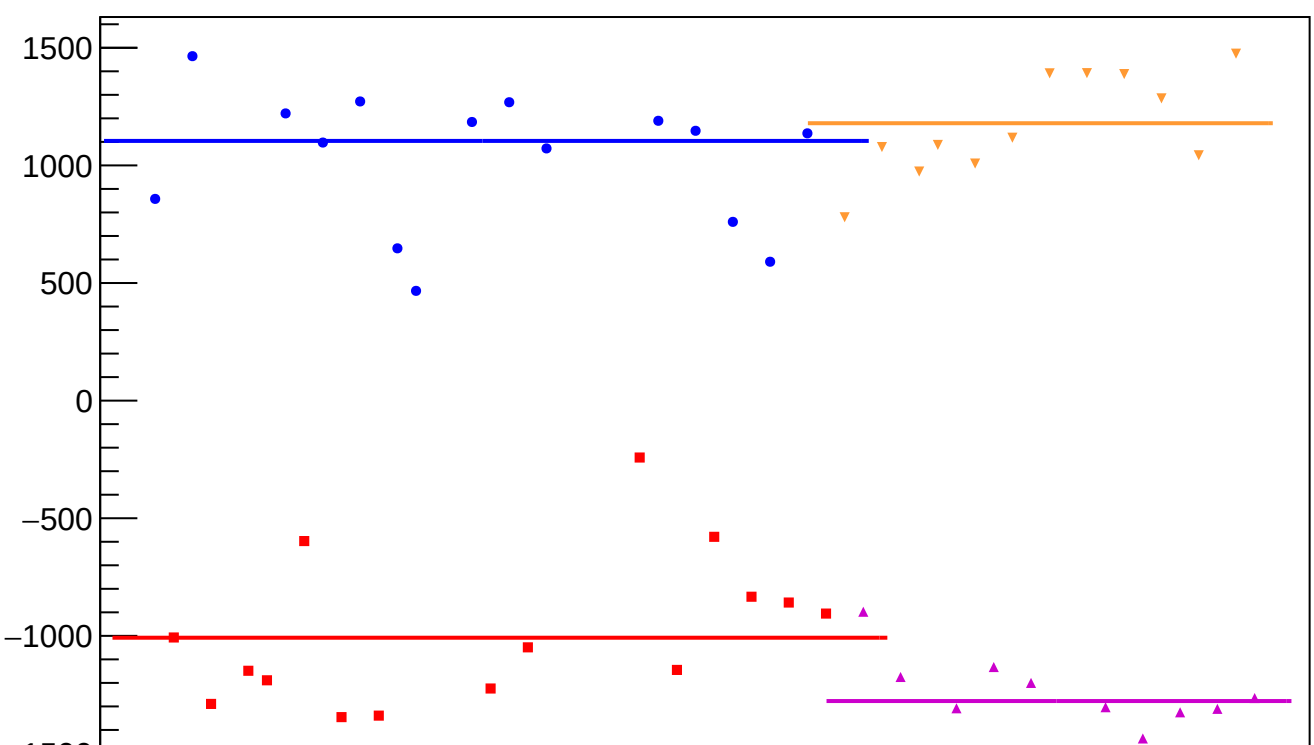
Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

In: -0.178+/-0.000 χ^2/NDF:138149448631133165

Out: 0.077+/-0.000 χ^2/NDF:12819402023000433 0

All: -0.050+/-0.000 χ^2/NDF: 2668555650335

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

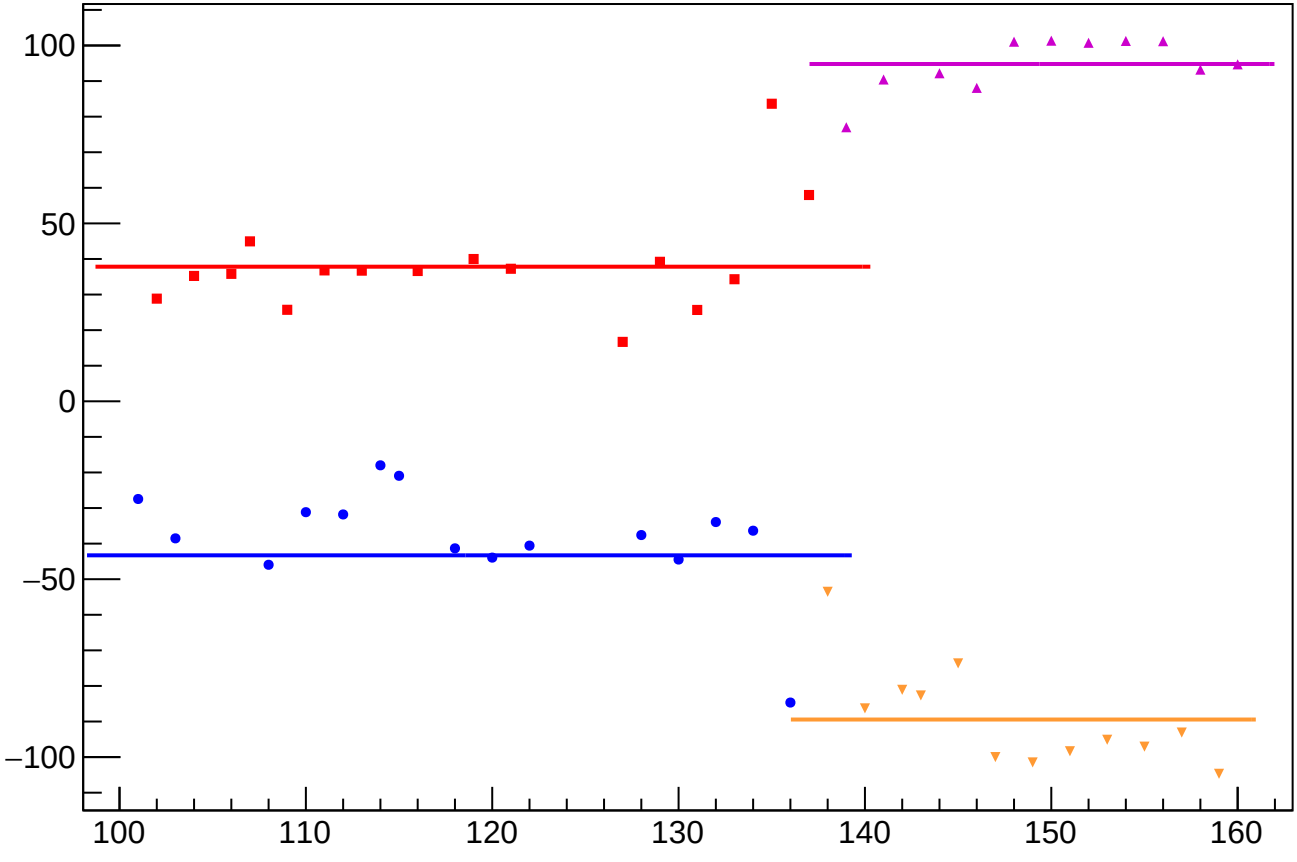
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 3.181+/-0.000 χ^2/NDF: 158268282831051271

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -89.439+/-0.000 χ^2/NDF:181119962985690841138788427972476928.0/11

In: 37.826+/-0.000 χ^2/NDF:751790372998047563

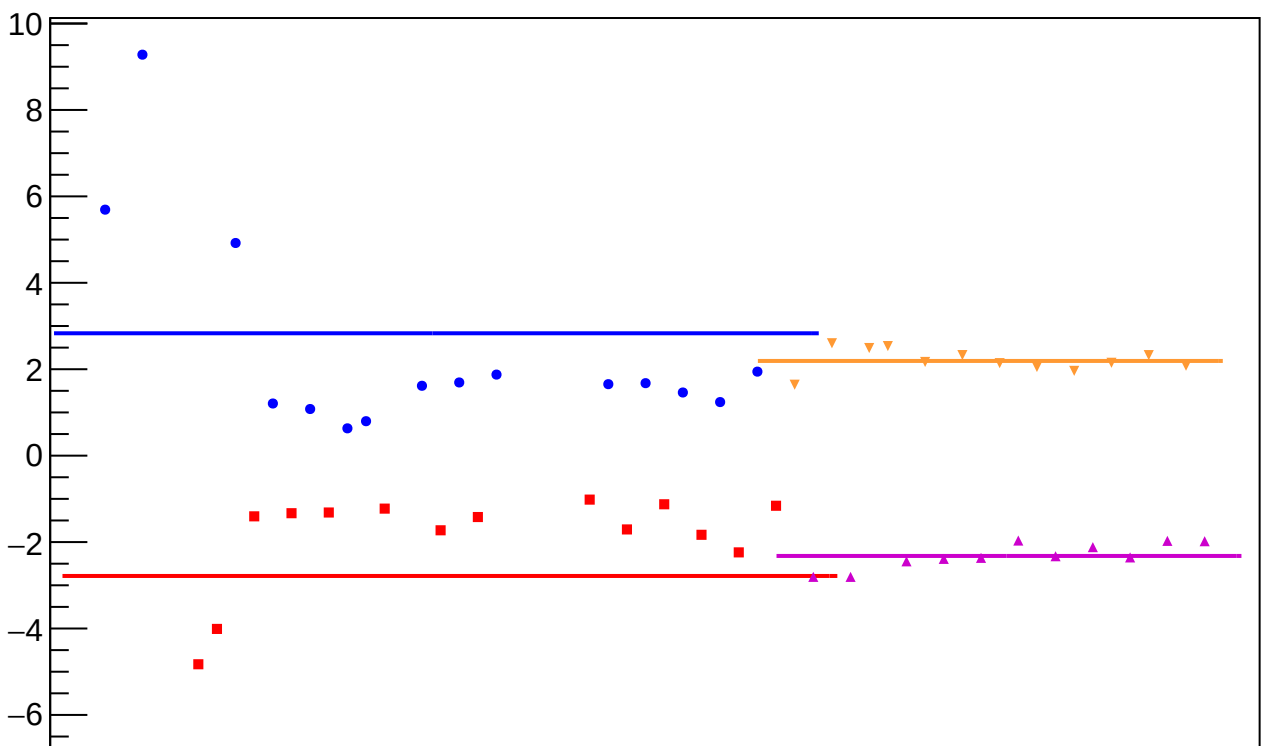
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.745+/-0.000 χ^2/NDF:6575776048743356

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

All: 0.947+/-0.000 χ^2/NDF: 1836150818238

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.077+/-0.000 χ^2/NDF: 94909091783771973

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

In: -0.195+/-0.000 χ^2/NDF:1415385013408516 11

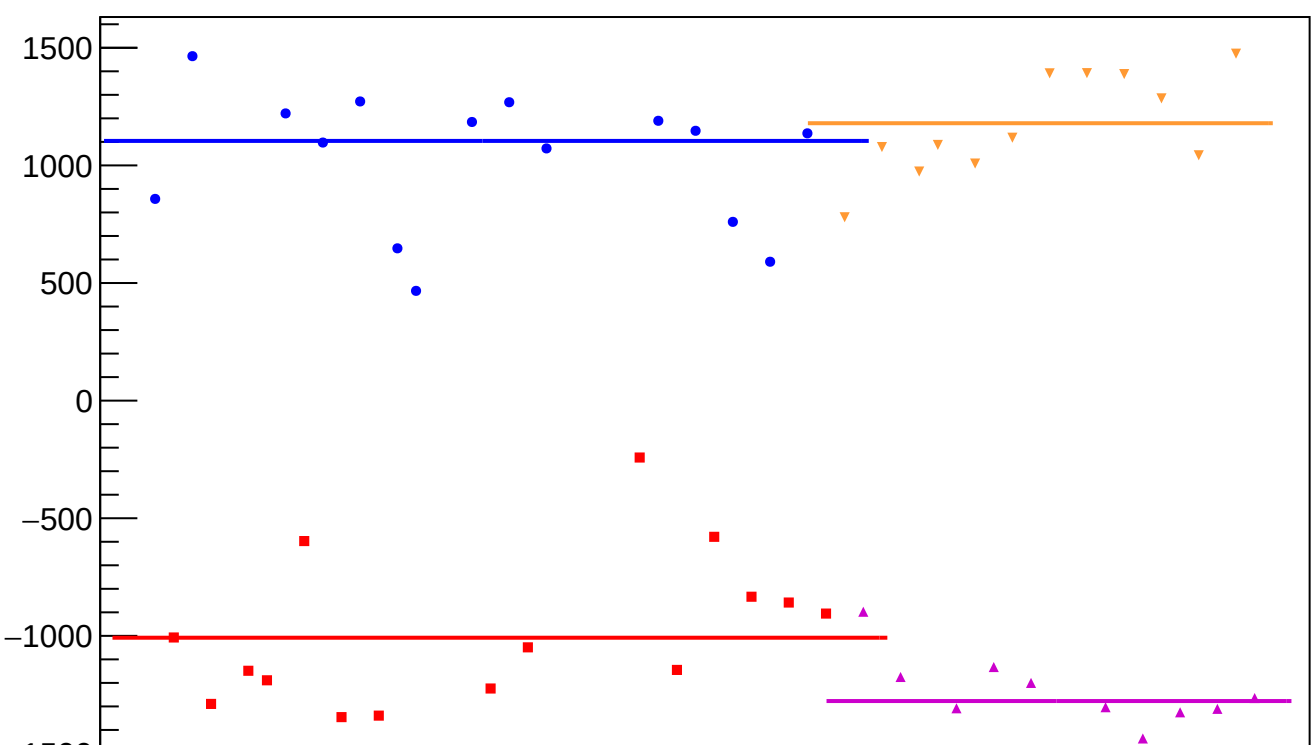
Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

Out: 0.092+/-0.000 χ^2/NDF:1319660578541495 19

Left In: -2.321+/-0.000 χ^2/NDF:7461912322461632454440450523 1360.0/10

All: -0.051+/-0.000 χ^2/NDF: 2741558316748

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

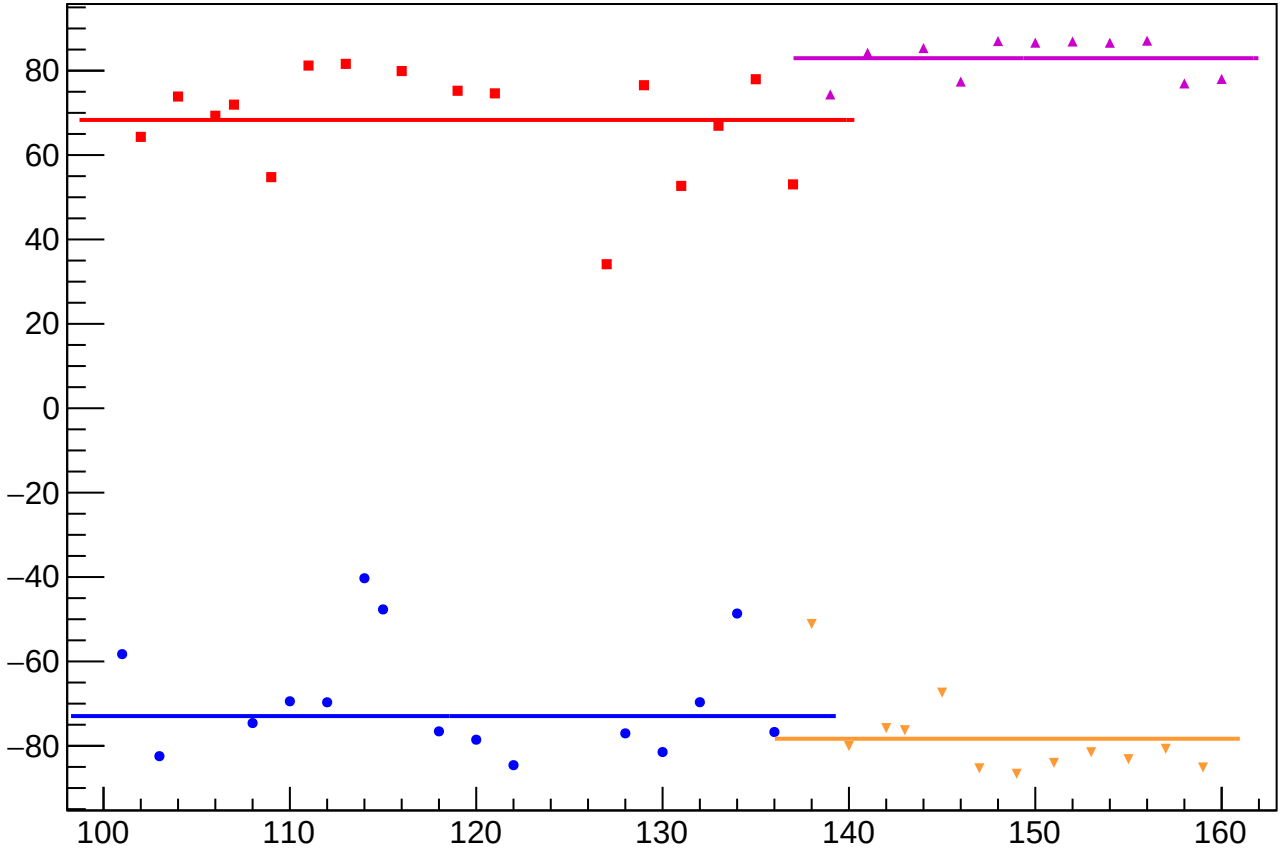
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 2.757+/-0.000 χ^2/NDF: 120577028568665653

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

In: 18.630+/-0.000 χ^2/NDF:935227547229560147

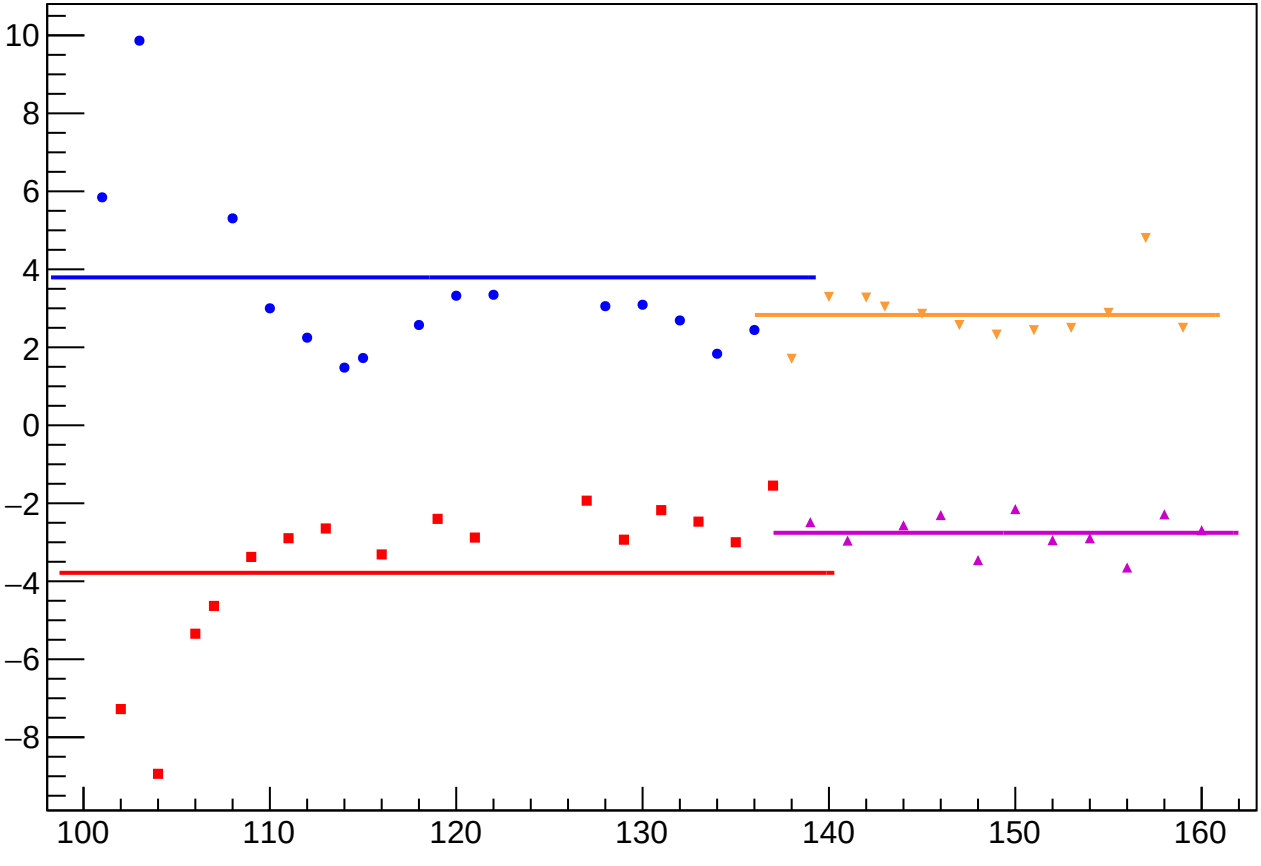
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: -16.451+/-0.000 χ^2/NDF:8485315004637869

Left In: 82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

All: 1.045+/-0.000 χ^2/NDF: 1880801156865

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 15025603203448953

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.830+/-0.000 χ^2/NDF:49274902602883890794782962116 1984.0/11

In: -0.054+/-0.000 χ^2/NDF:19750496568510585 7

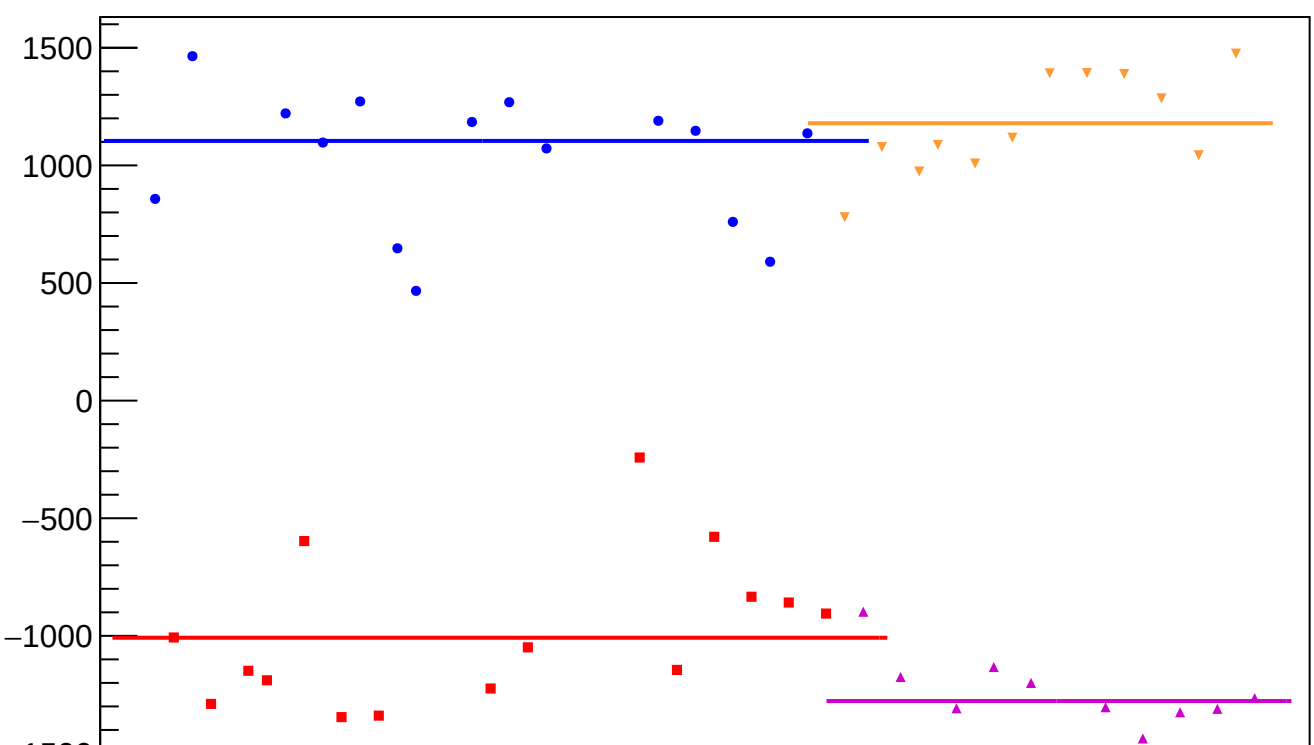
Right Out: -3.783+/-0.000 χ^2/NDF: 28785866221926766544523387553710 08.0/15

Out: 0.040+/-0.000 χ^2/NDF:20235343242589691 2

Left In: -2.757+/-0.000 χ^2/NDF:19172074654773230622605404274688 0.0/10

All: -0.007+/-0.000 χ^2/NDF: 3999287355304

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

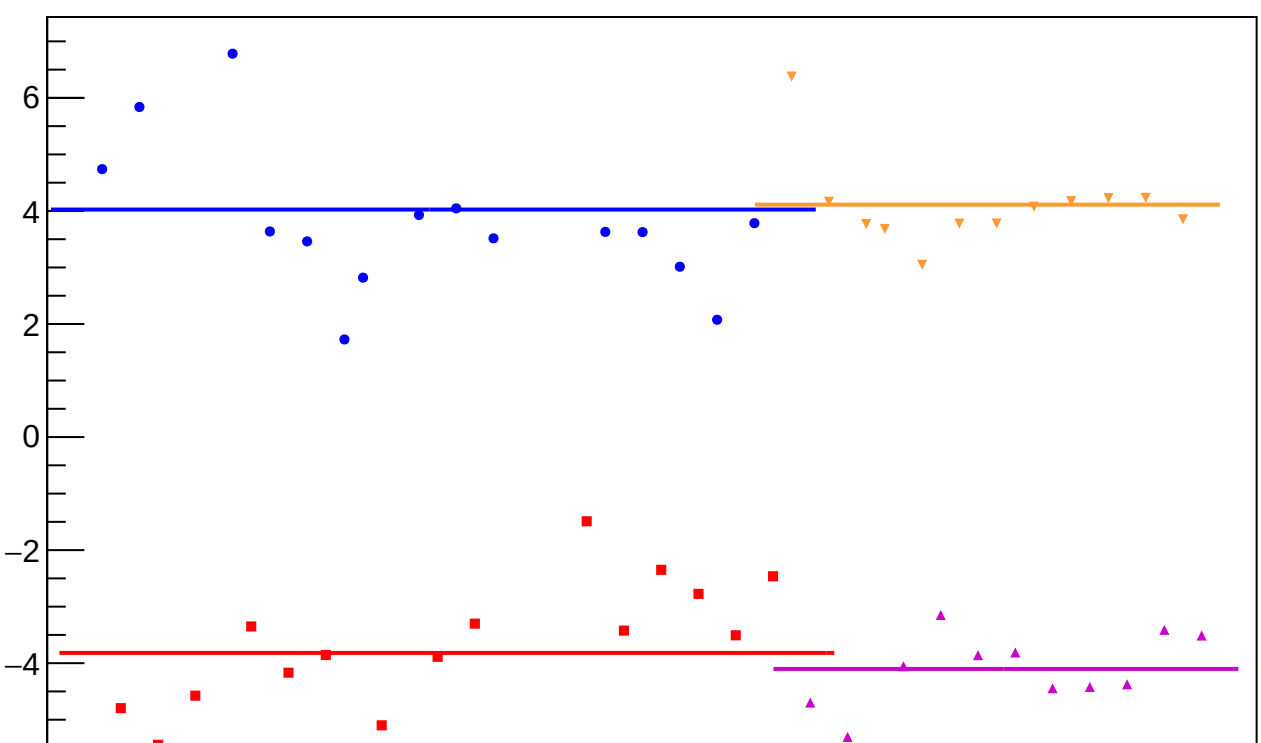
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: -0.018+/-0.000 χ^2/NDF: 31853611122068431

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 21892754887879739

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

In: -0.749+/-0.000 χ^2/NDF:26275294393356203 3

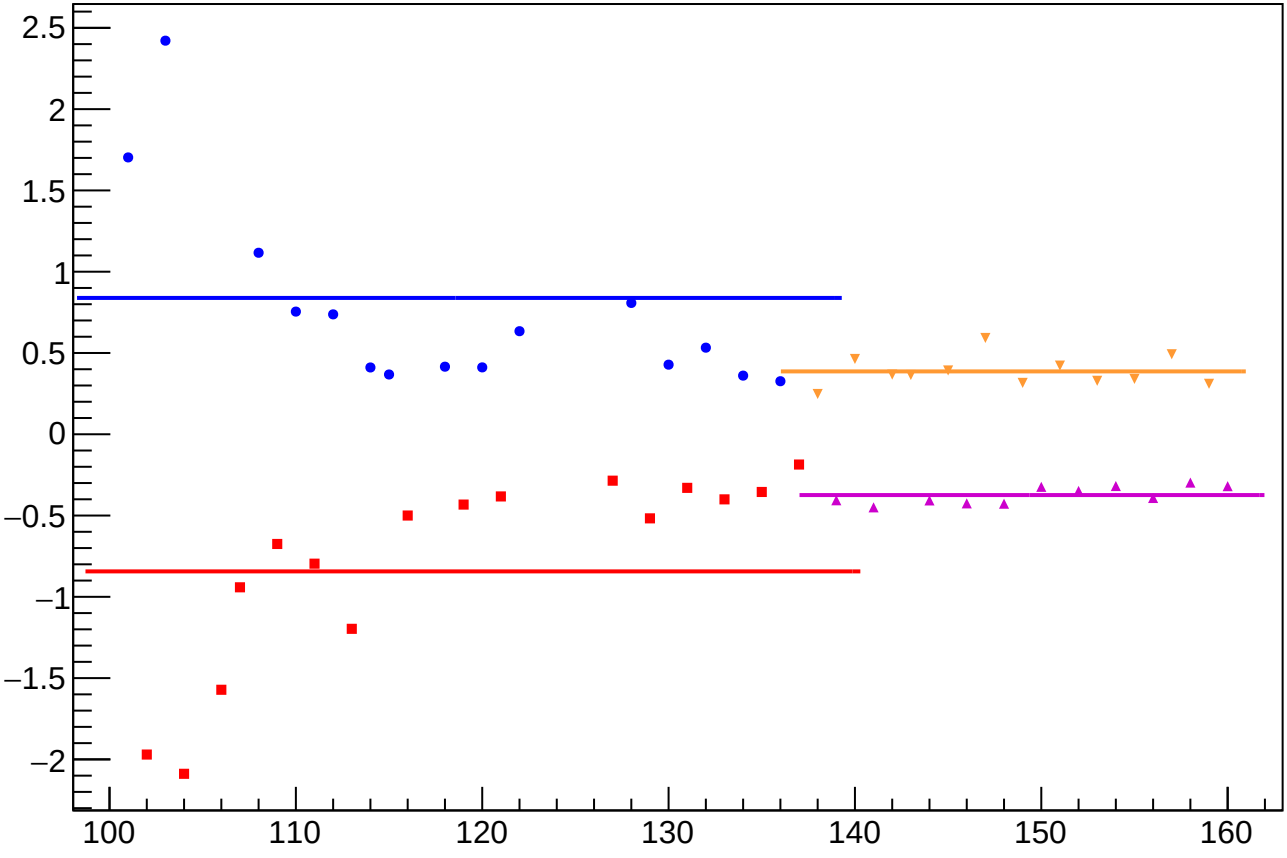
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.766+/-0.000 χ^2/NDF:25666157664453877 9

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

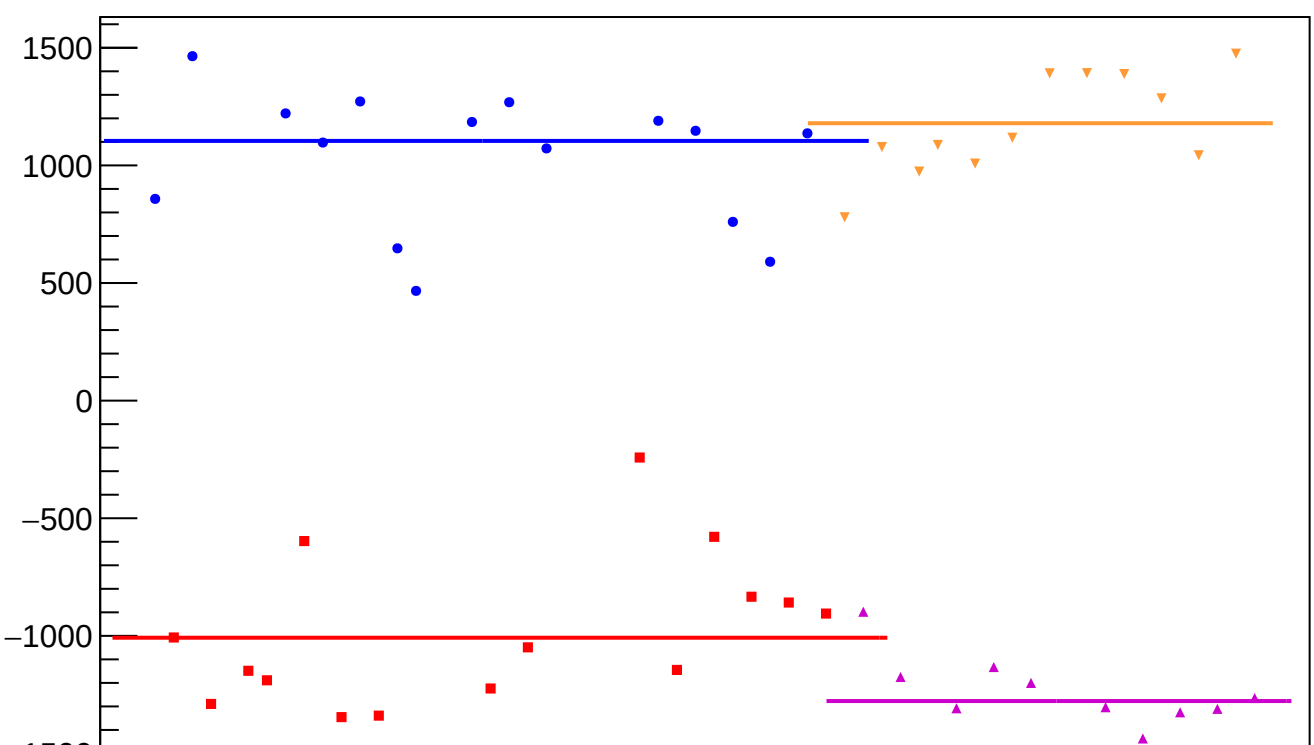
All: 0.010+/-0.000 χ^2/NDF: 5374982991435 4

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.004+/-0.000 χ^2/NDF: 27594858438302610
Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11
In: 0.126+/-0.000 χ^2/NDF:8214812118150652652
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15
Out: -0.132+/-0.000 χ^2/NDF:8441698023007620 5
Left In: -0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10
All: -0.003+/-0.000 χ^2/NDF: 1718408465884

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

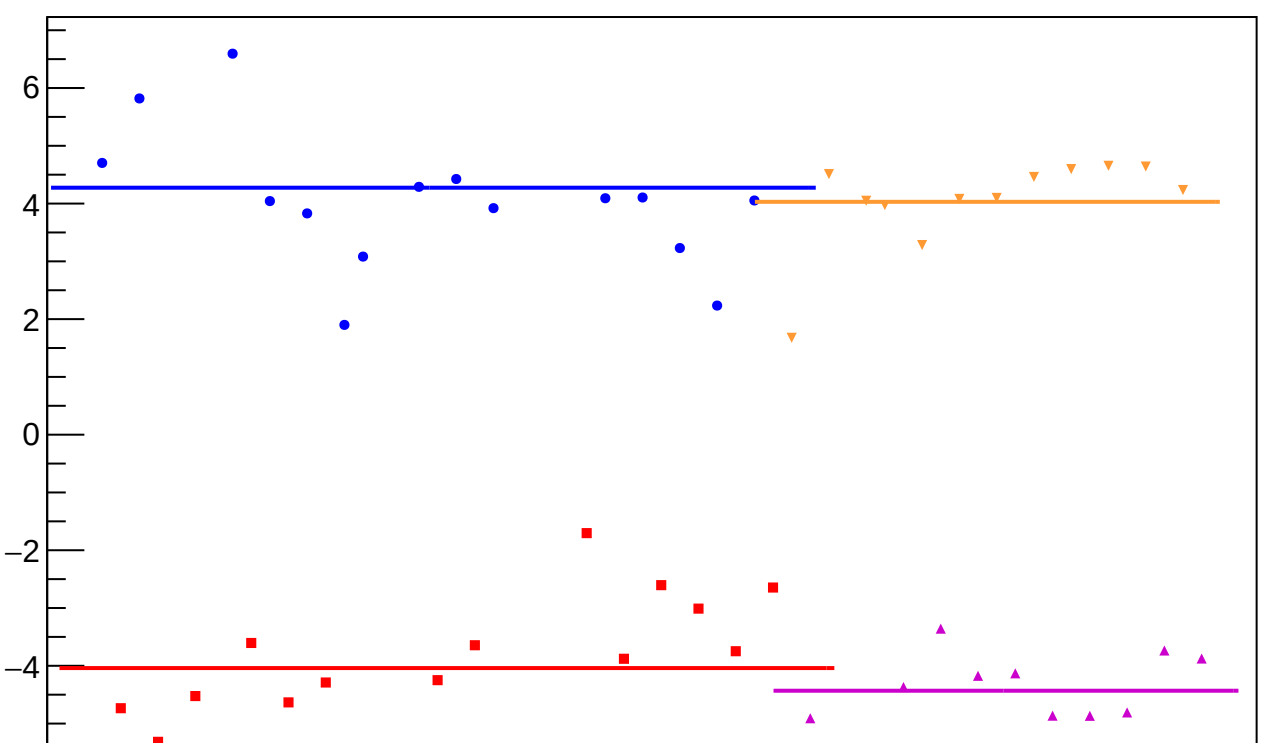
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.224+/-0.000 χ^2/NDF: 33846784910567174

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 24108117163015416

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

In: -0.839+/-0.000 χ^2/NDF:298405306819524431

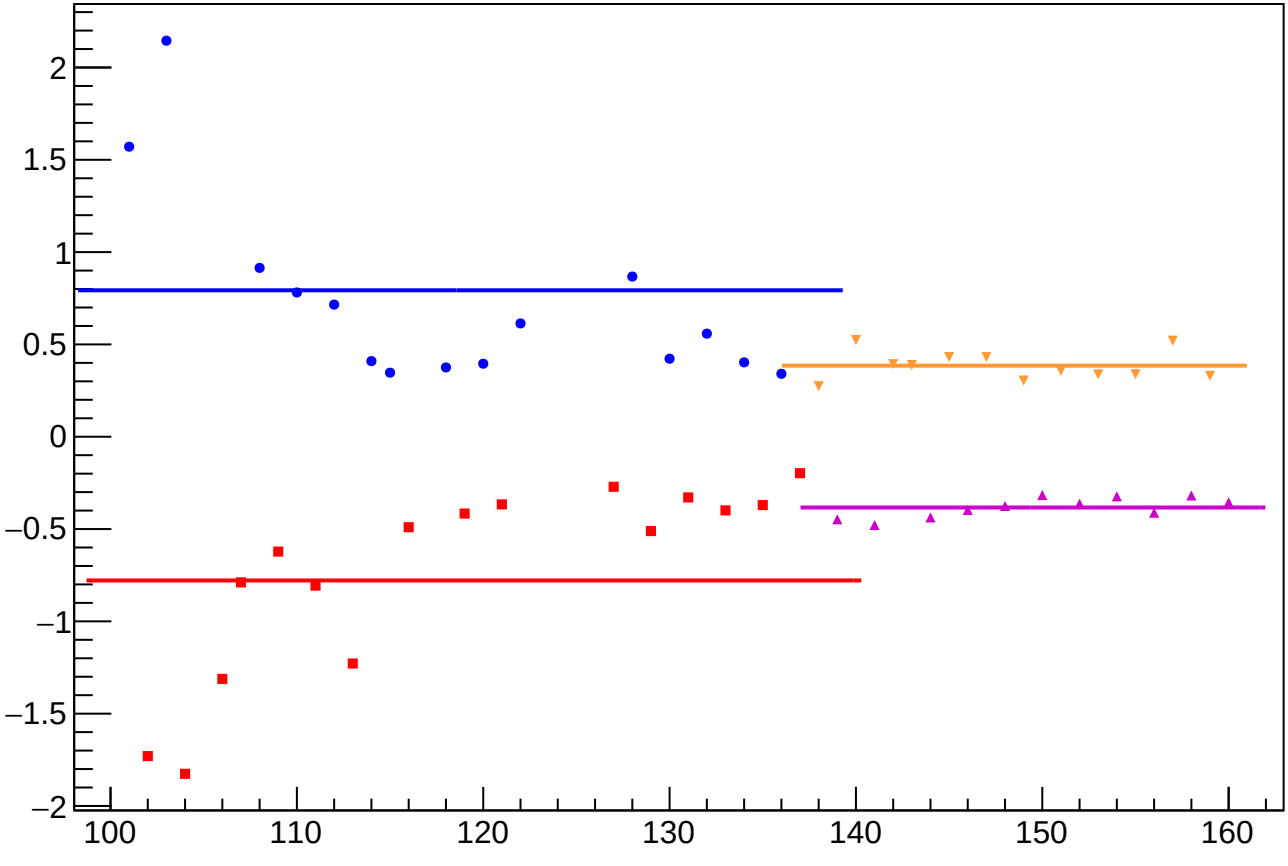
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.626+/-0.000 χ^2/NDF:264837106487294890

Left In: -4.432+/-0.000 χ^2/NDF:345602703191245770554210363899904.0/10

All: -0.105+/-0.000 χ^2/NDF: 5801697378090

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.001+/-0.000 χ^2/NDF: 27939551285001420

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

In: 0.102+/-0.000 χ^2/NDF:7258405978340592610

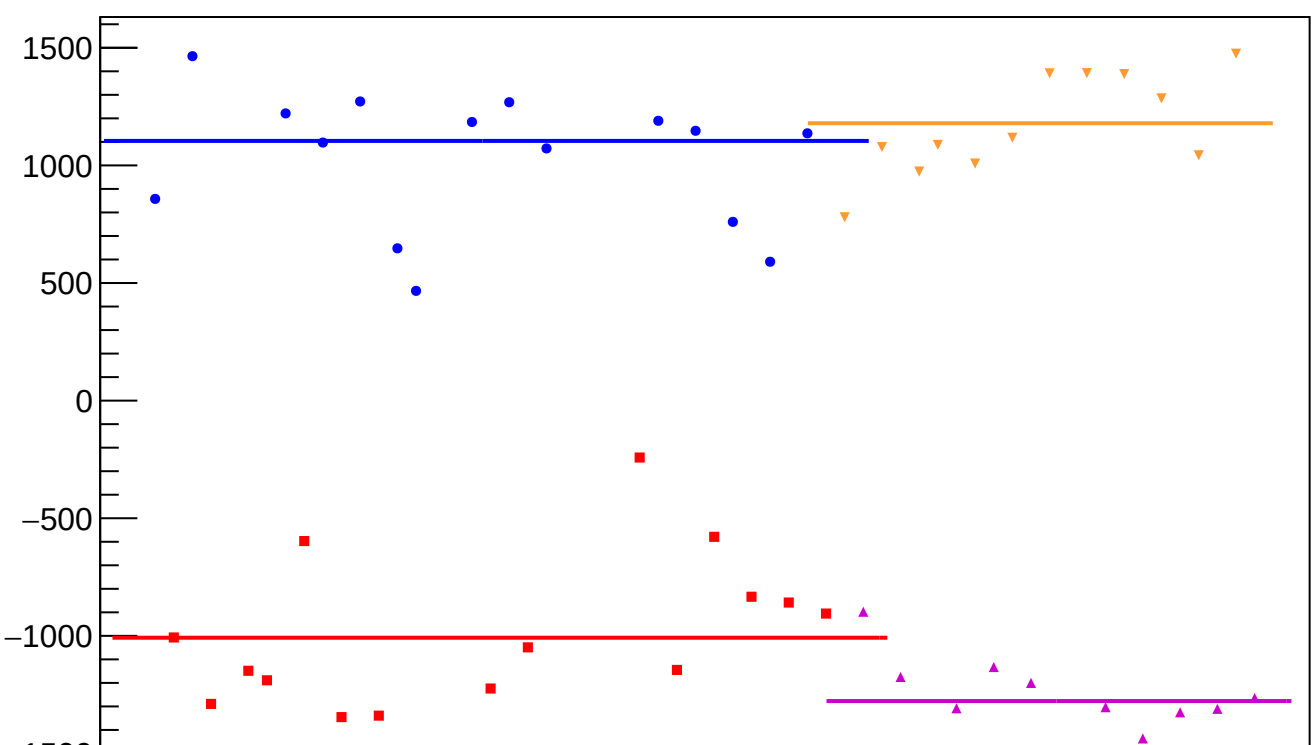
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.106+/-0.000 χ^2/NDF:71330081373871588

Left In: -0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

All: -0.002+/-0.000 χ^2/NDF: 1473239916142

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

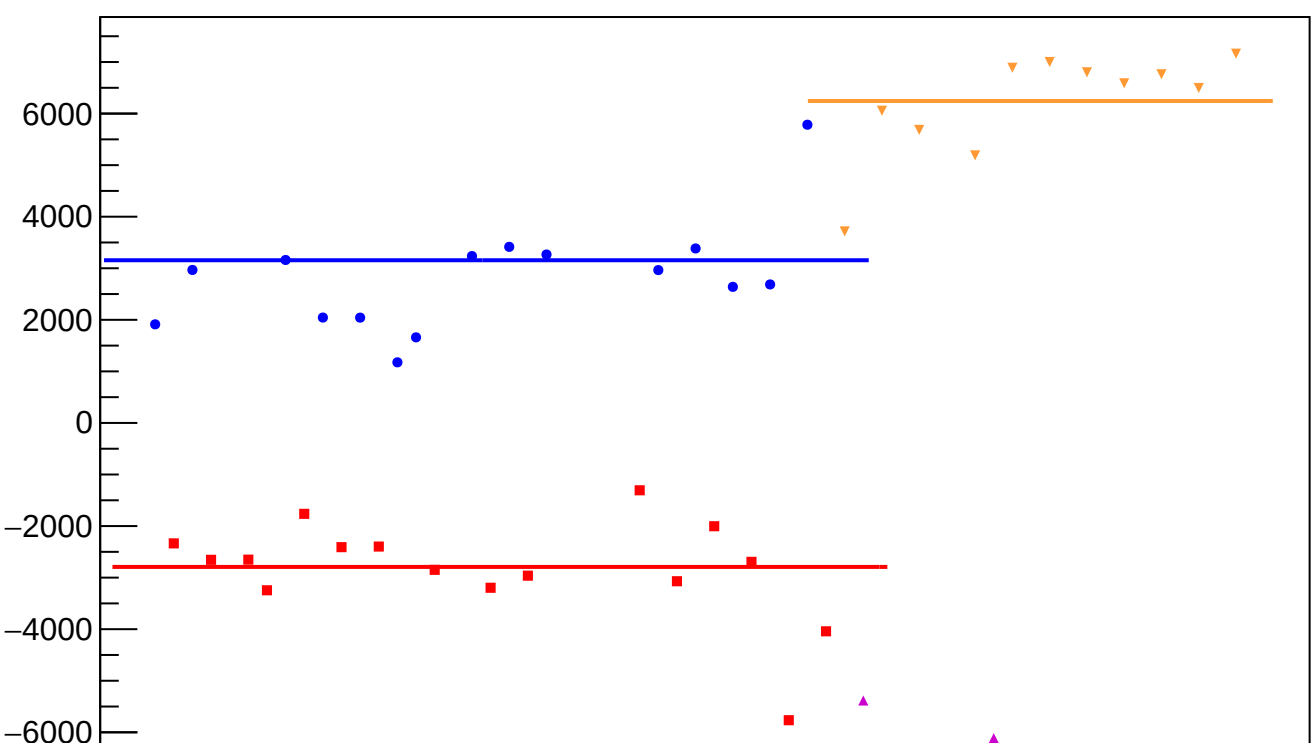
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -455.070+/-0.000 χ^2/NDF: 738907970764408

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6243.976+/-0.000 χ^2/NDF:811230786168378302780139165688711348224.0/10

In: -2572.599+/-0.000 χ^2/NDF:373790912122959

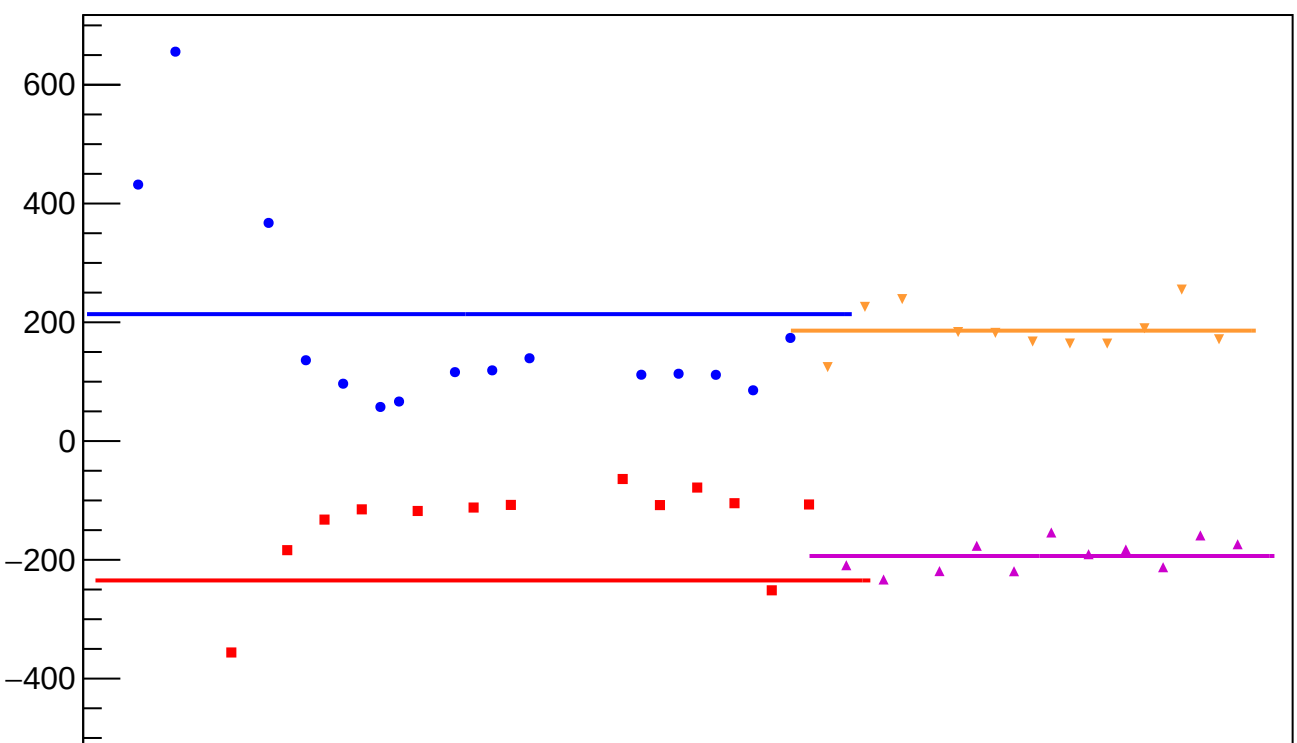
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 2263.025+/-0.000 χ^2/NDF:319547842055844

Left In: -6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640936 96.0/10

All: -200.997+/-0.000 χ^2/NDF: 87373315799

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -12.048+/-0.000 χ^2/NDF: 6529786806410777

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

In: -25.504+/-0.000 χ^2/NDF:83555095892474159

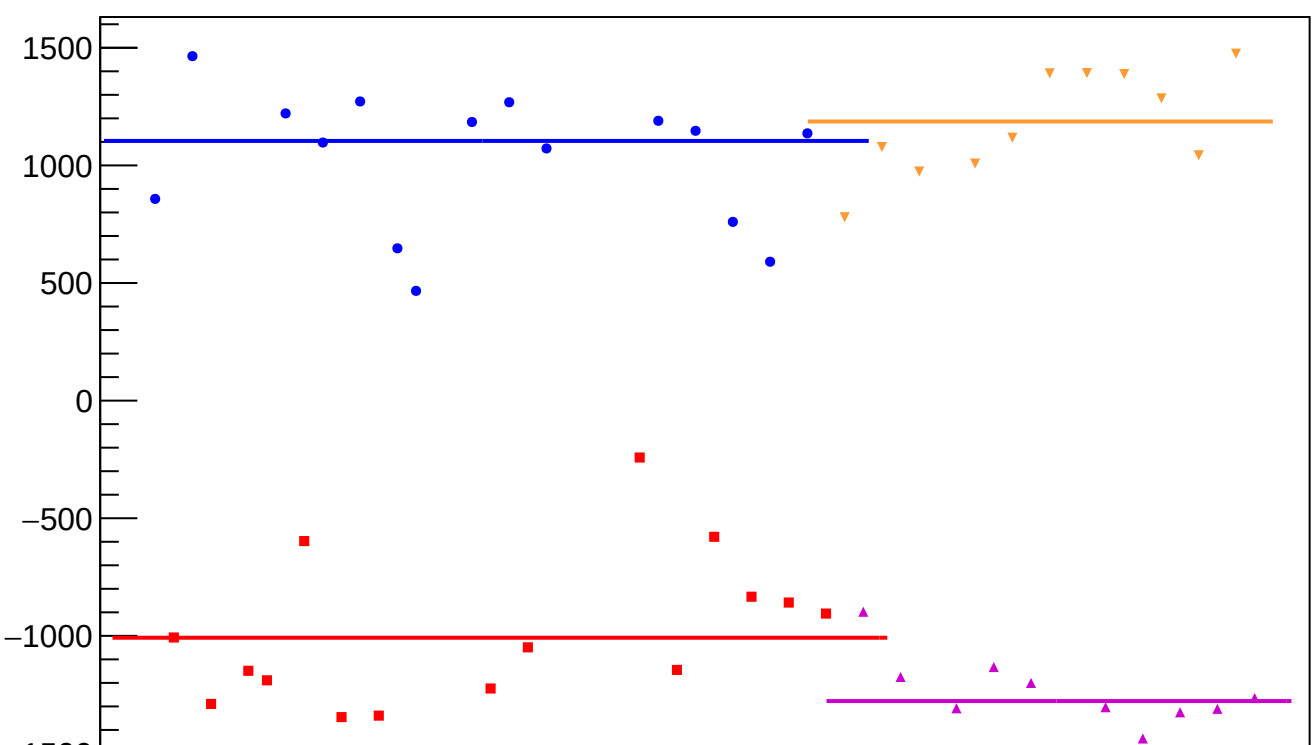
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Out: 0.624+/-0.000 χ^2/NDF:91101505567681952 5

Left In: -193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

All: -12.690+/-0.000 χ^2/NDF: 175183232937

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

Left: -98.791+/-0.000 χ^2/NDF: 2750108583859337

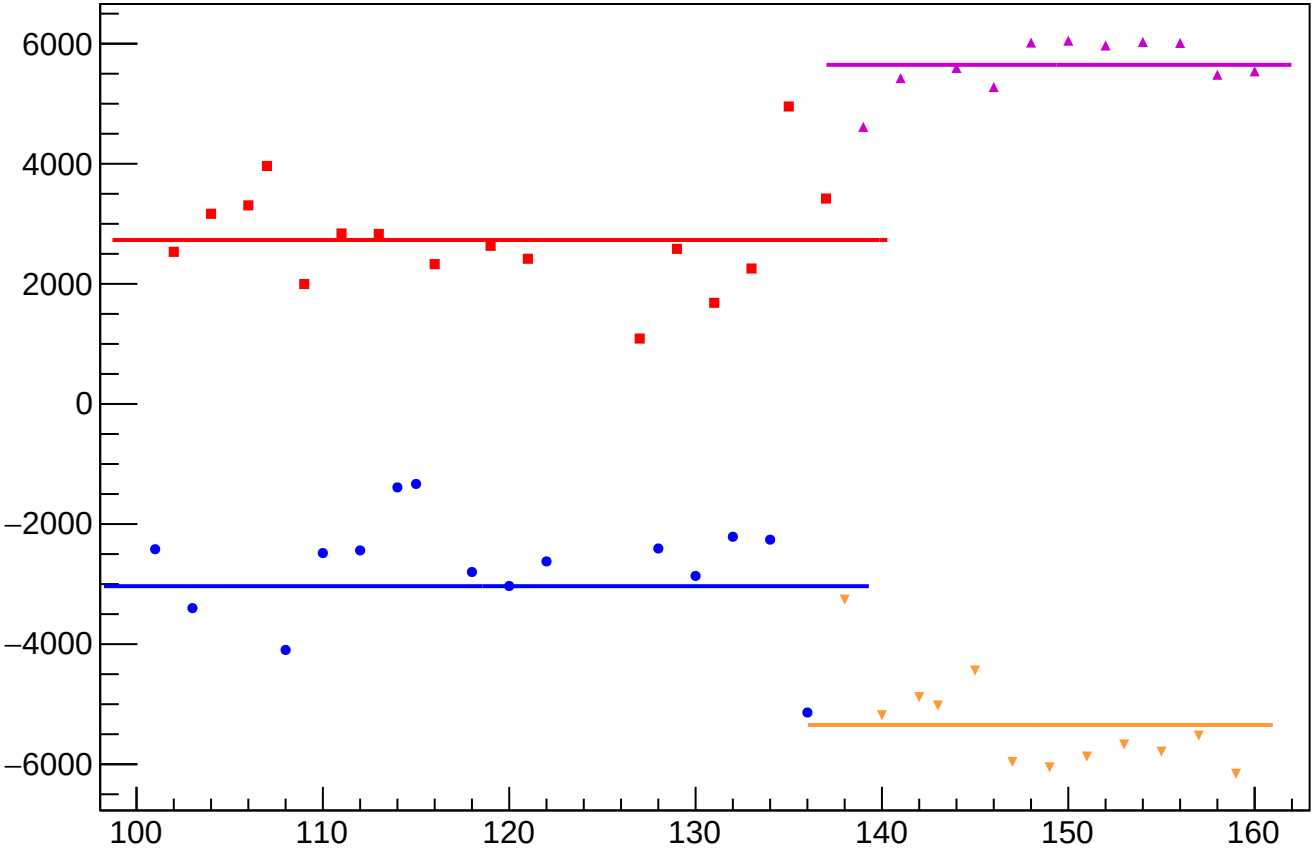
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 219.820+/-0.000 χ^2/NDF:190429861464471 8

All: -42.327+/-0.000 χ^2/NDF: 433243619432

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: 180.580+/-0.000 χ^2/NDF: 5629644567862069

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11

In: 2065.482+/-0.000 χ^2/NDF:2953204271382502

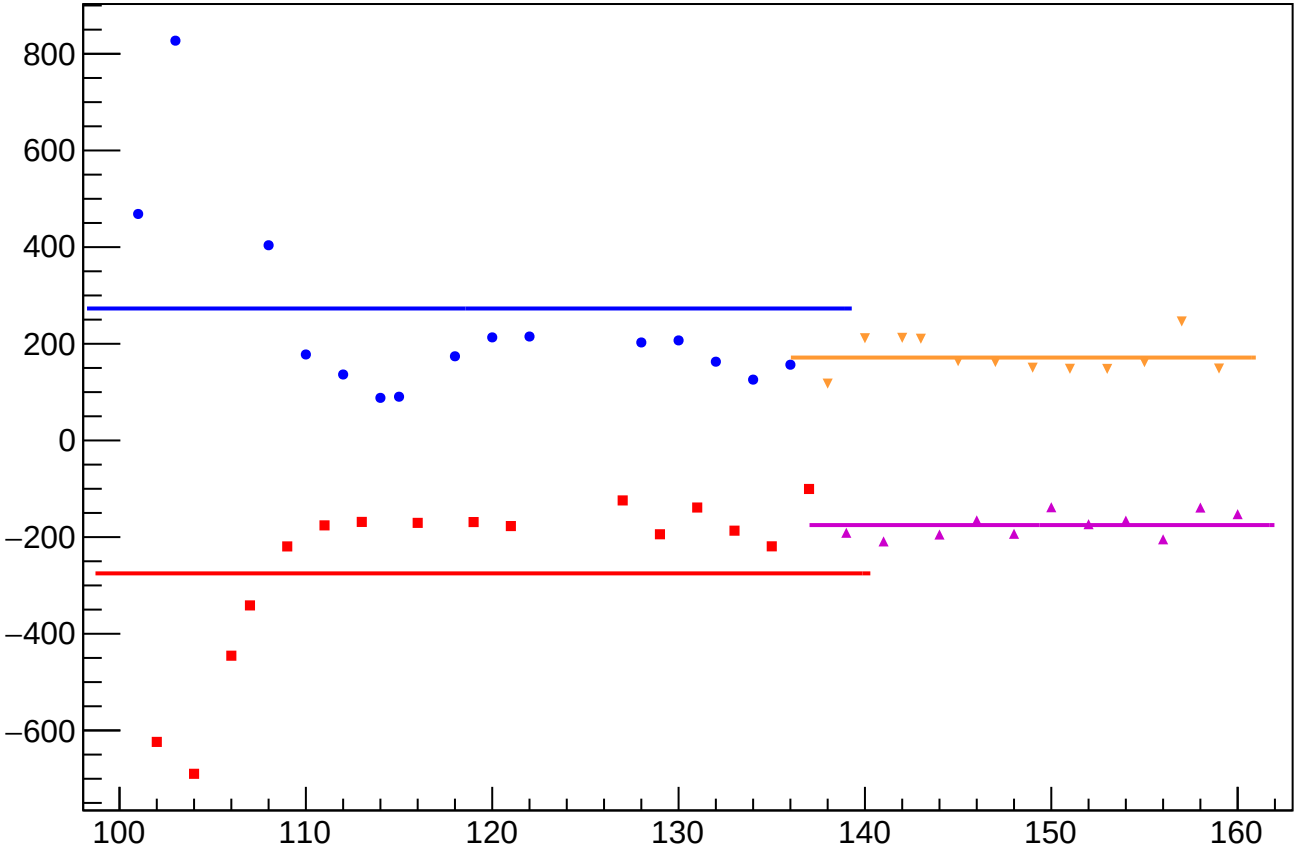
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

Out: -1938.587+/-0.000 χ^2/NDF:26282051967126

Left In: 5647.632+/-0.000 χ^2/NDF:16421431290803564521512635693549171507 2.0/10

All: 58.370+/-0.000 χ^2/NDF: 684556968477

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Left: -2.734+/-0.000 χ^2/NDF: 56898976586589757

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

In: 9.796+/-0.000 χ^2/NDF:10358026016022770 92

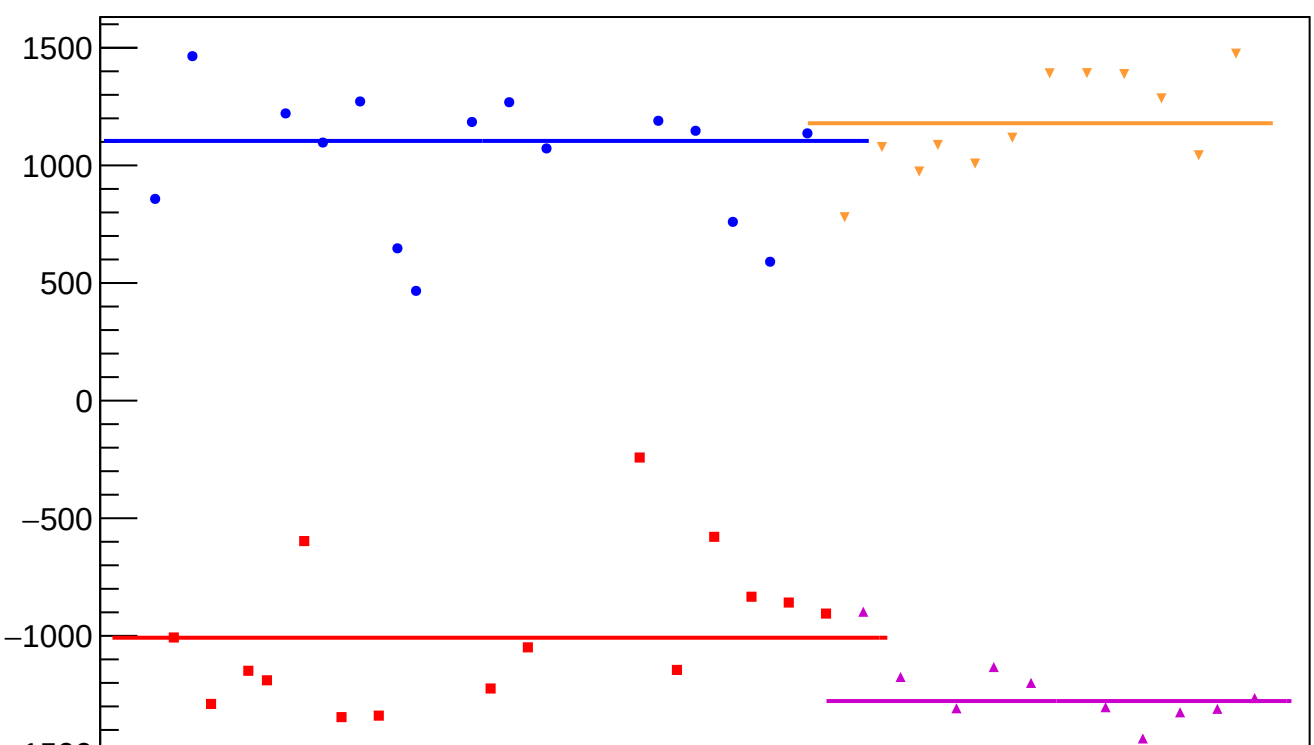
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Out: -16.880+/-0.000 χ^2/NDF:1003225780915381

Left In: -175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

All: -3.576+/-0.000 χ^2/NDF: 2044639421545

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

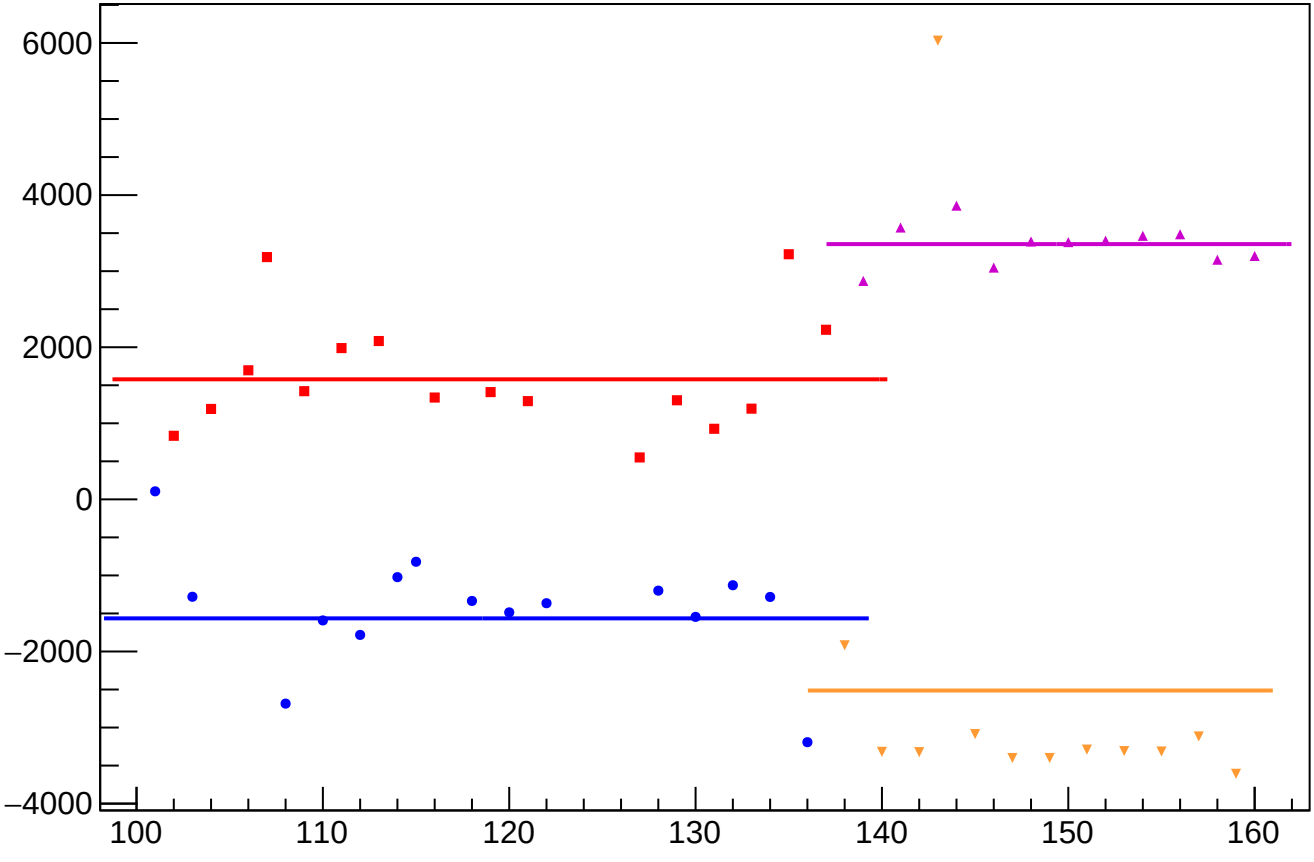
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

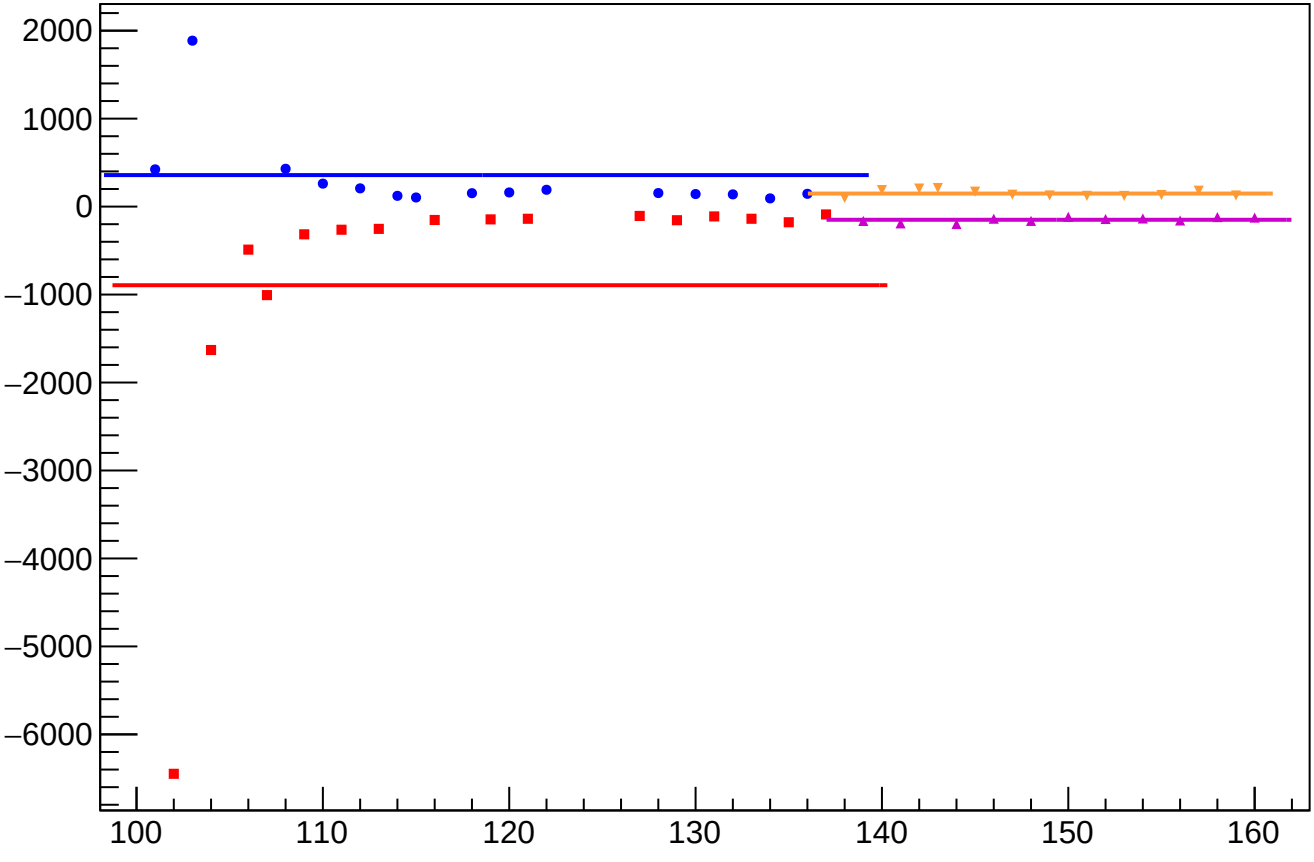
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl1_coil3_mean vs Slug, Sign Corrected



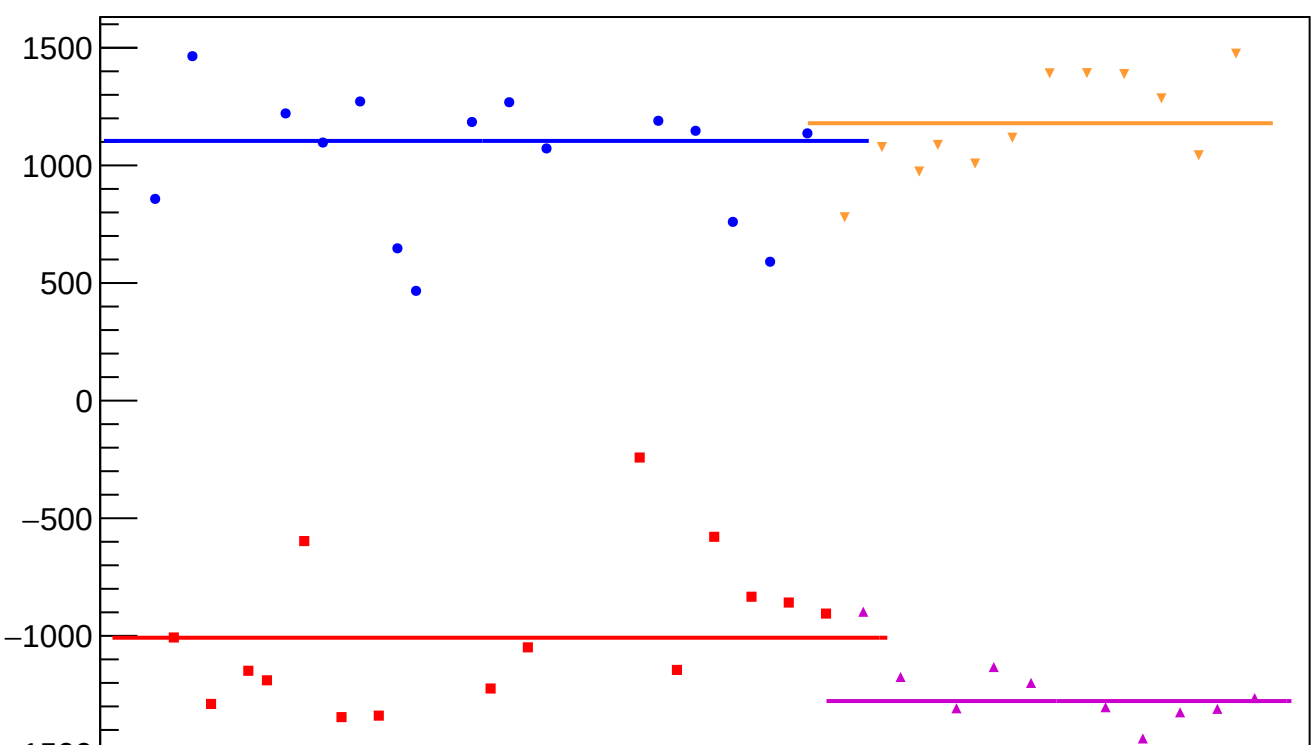
Left: 437.231+/-0.000 χ^2/NDF: 2131924326486959
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 5
Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
Out: -787.099+/-0.000 χ^2/NDF:122542710245159
Left In: 3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10
All: 266.599+/-0.000 χ^2/NDF: 25548755731

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.546+/-0.000 χ^2/NDF: 42591718488855068
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 148.359+/-0.000 χ^2/NDF:10902863317333660825812569708078039 04.0/11
In: 59.728+/-0.000 χ^2/NDF:25691507799210532
Right Out: -893.897+/-0.000 χ^2/NDF: 20759201557742010435726956567978039 05024.0/15
Out: -291.353+/-0.000 χ^2/NDF:249588983045036
Left In: -149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10
All: -116.258+/-0.000 χ^2/NDF: 28499930865

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

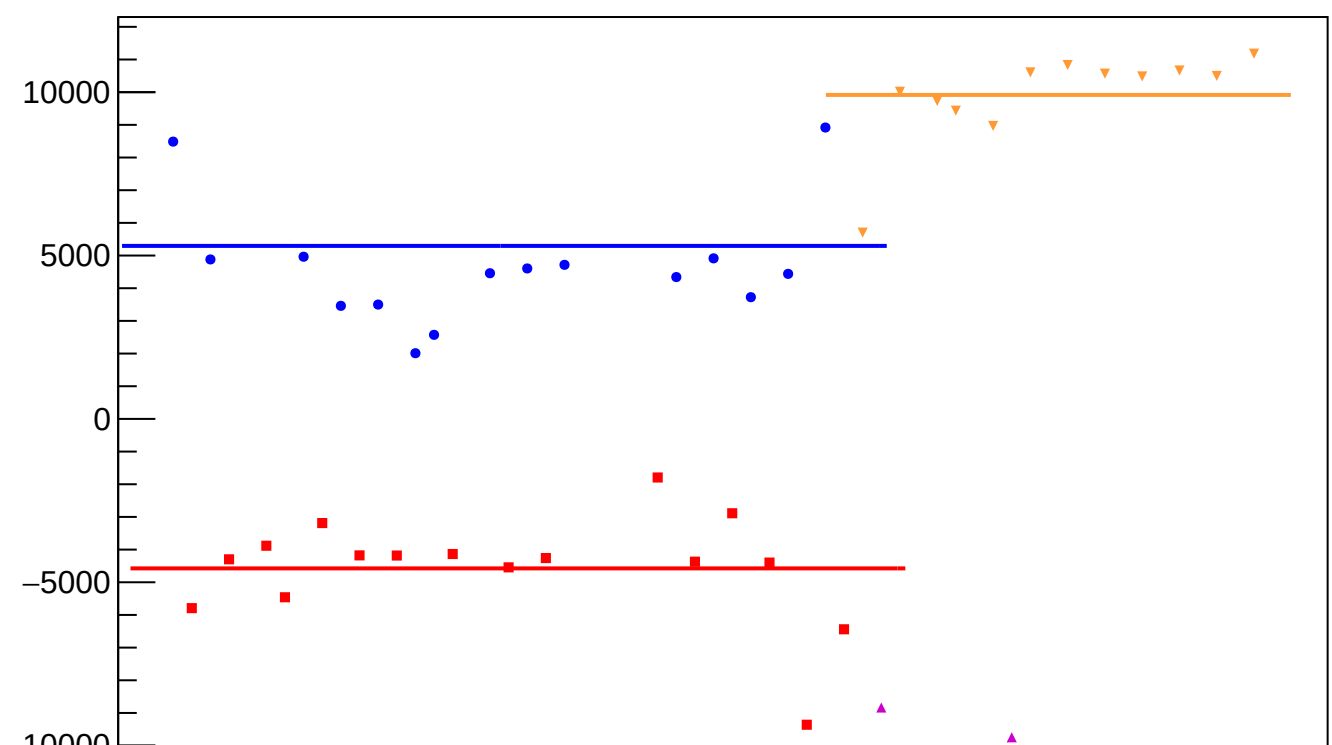
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl2_coil3_mean vs Slug, Sign Corrected



Left: -394.633+/-0.000 χ^2/NDF: 195607955774954

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

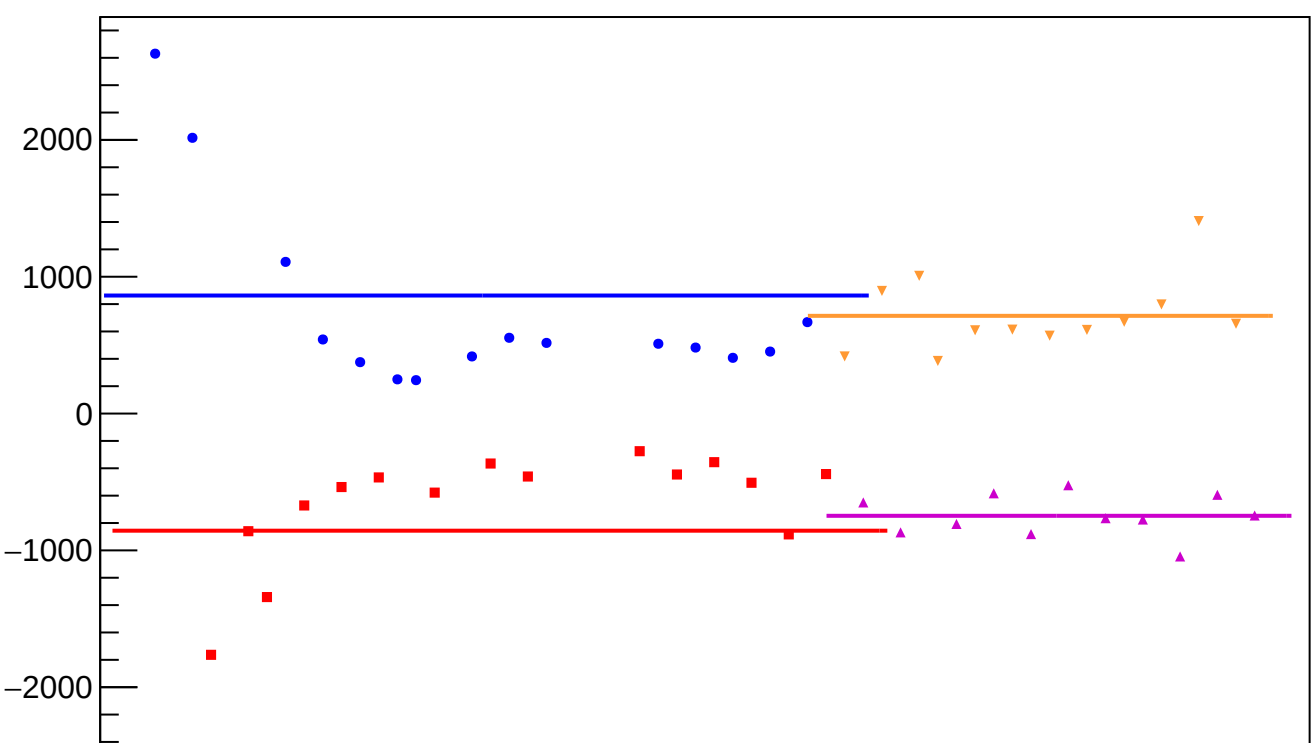
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Out: 3802.595+/-0.000 χ^2/NDF:846841188462188

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

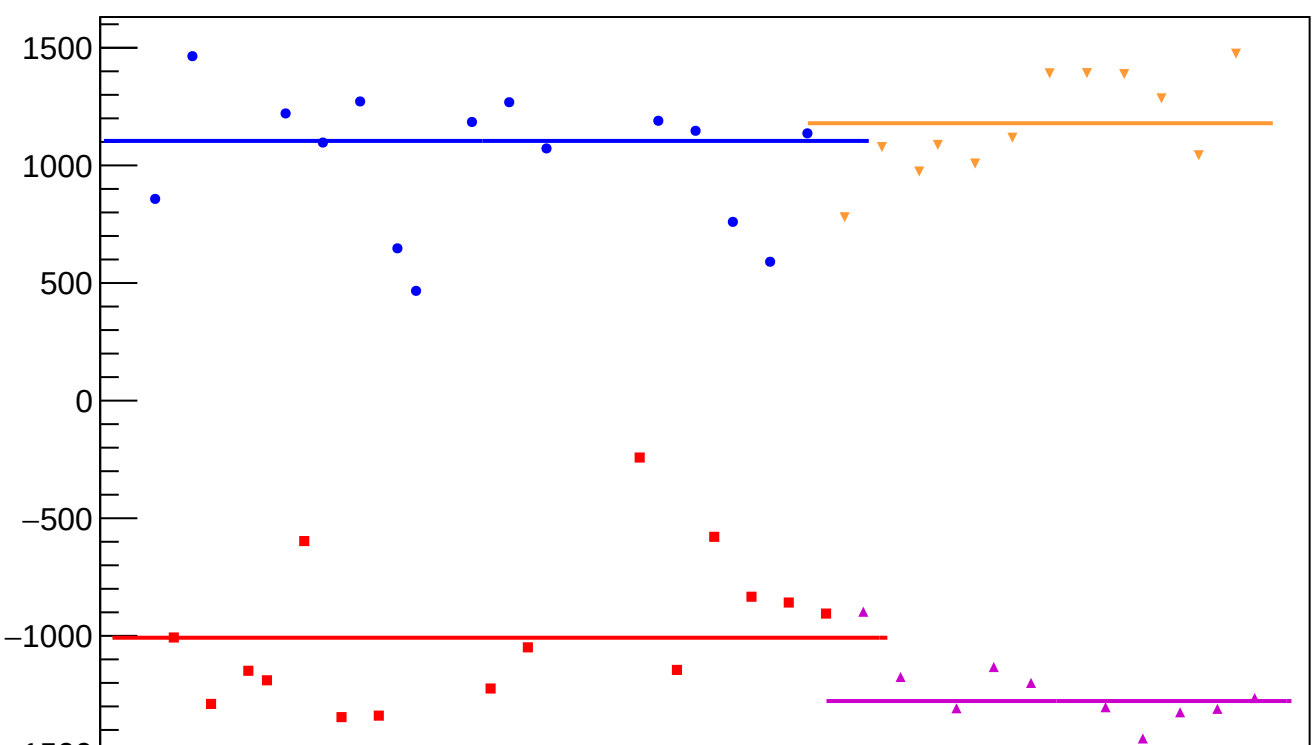
All: -107.886+/-0.000 χ^2/NDF: 23238819396

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Left: -20.503+/-0.000 χ^2/NDF: 1065064961511877
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11
In: -83.027+/-0.000 χ^2/NDF:13454995318402178
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: 51.744+/-0.000 χ^2/NDF:1341942923565859 5
Left In: -747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10
All: -15.471+/-0.000 χ^2/NDF: 270176391125

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

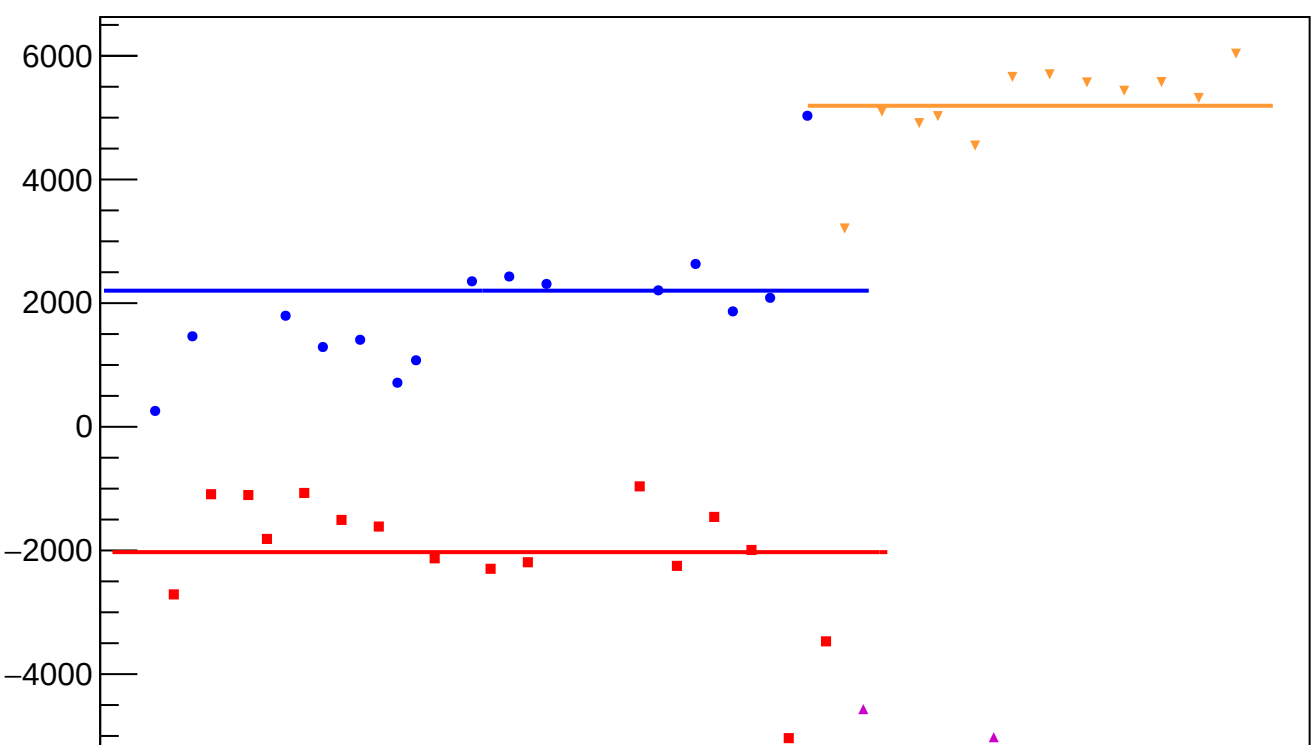
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

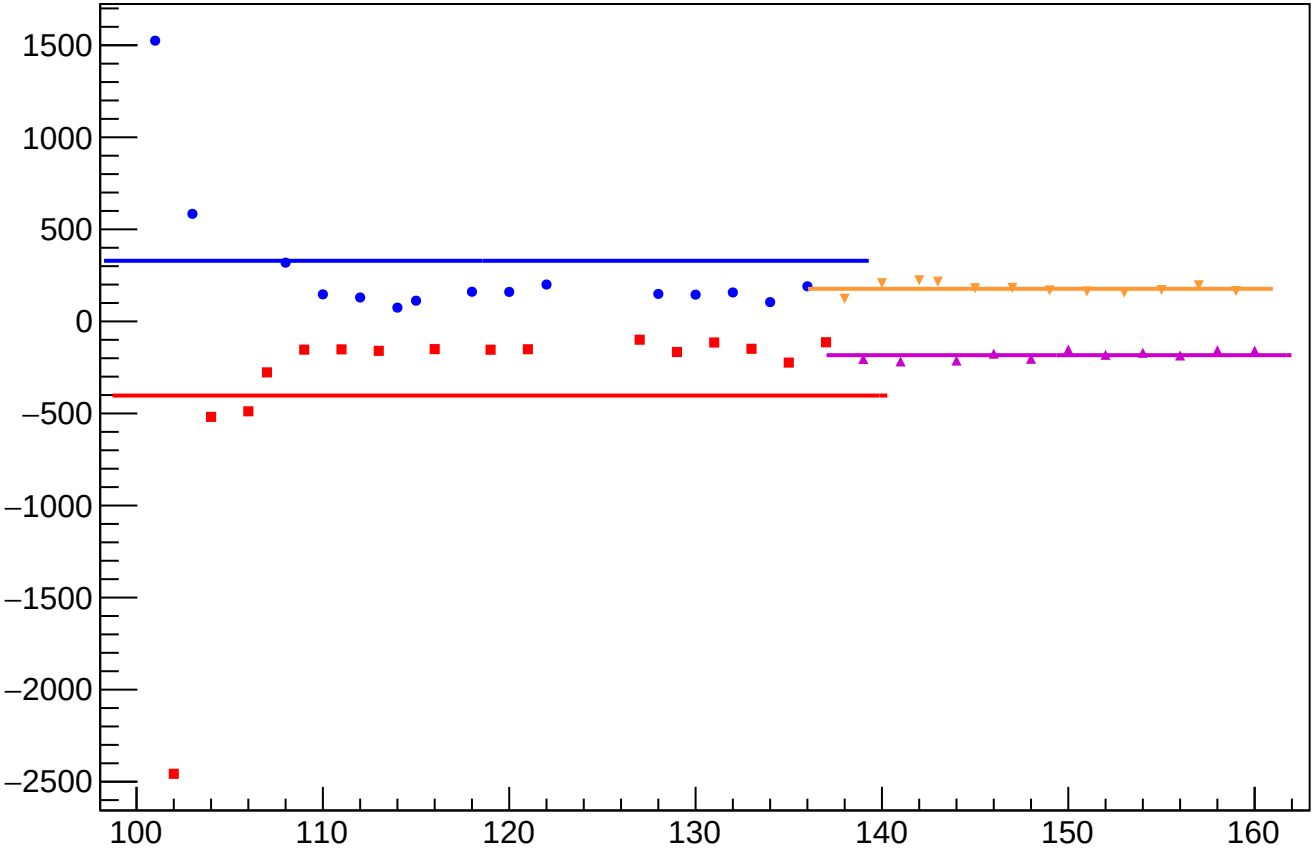
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -172.148+/-0.000 χ^2/NDF: 529181779614152
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11
In: -2309.812+/-0.000 χ^2/NDF:236998936360445
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 2146.701+/-0.000 χ^2/NDF:212767096674295
Left In: -5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10
All: -75.903+/-0.000 χ^2/NDF: 606365125250

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.136+/-0.000 χ^2/NDF: 60775791706189373

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

In: 28.098+/-0.000 χ^2/NDF:203925218655573400

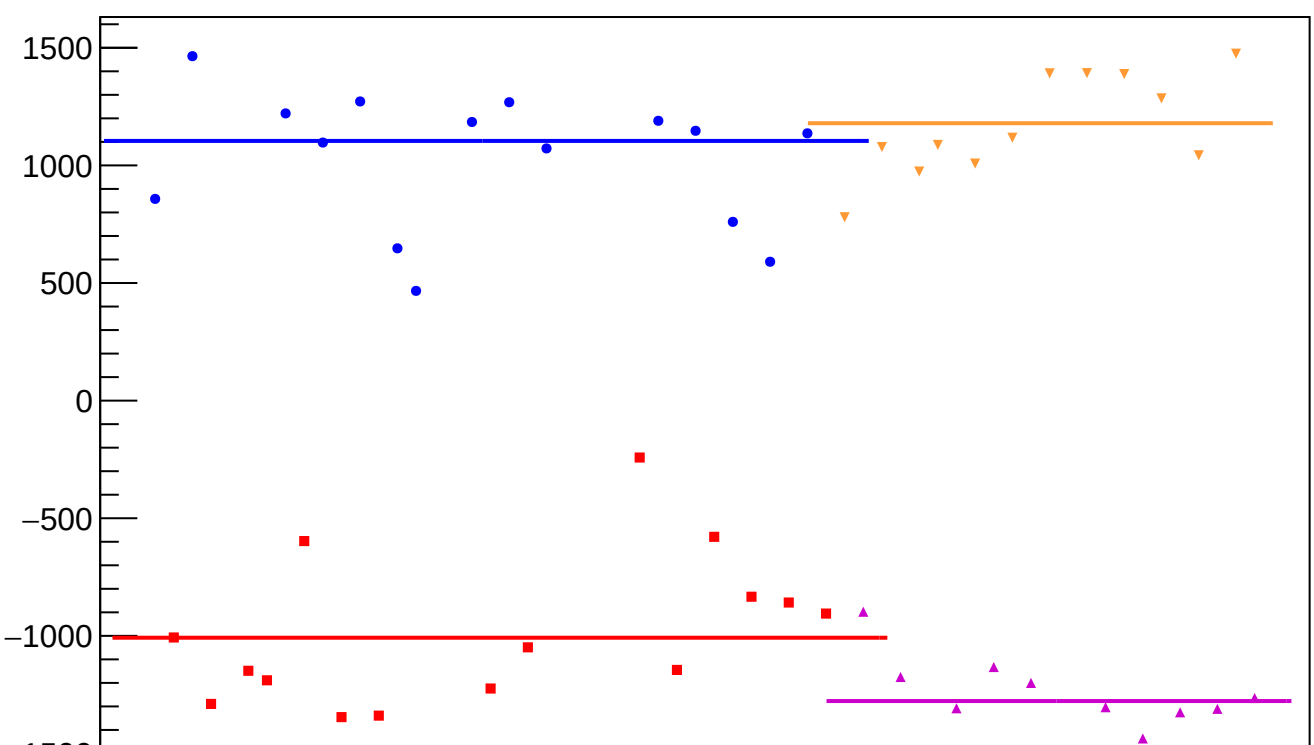
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -67.504+/-0.000 χ^2/NDF:4078634459098727

Left In: -183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

All: -19.824+/-0.000 χ^2/NDF: 618995356861

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

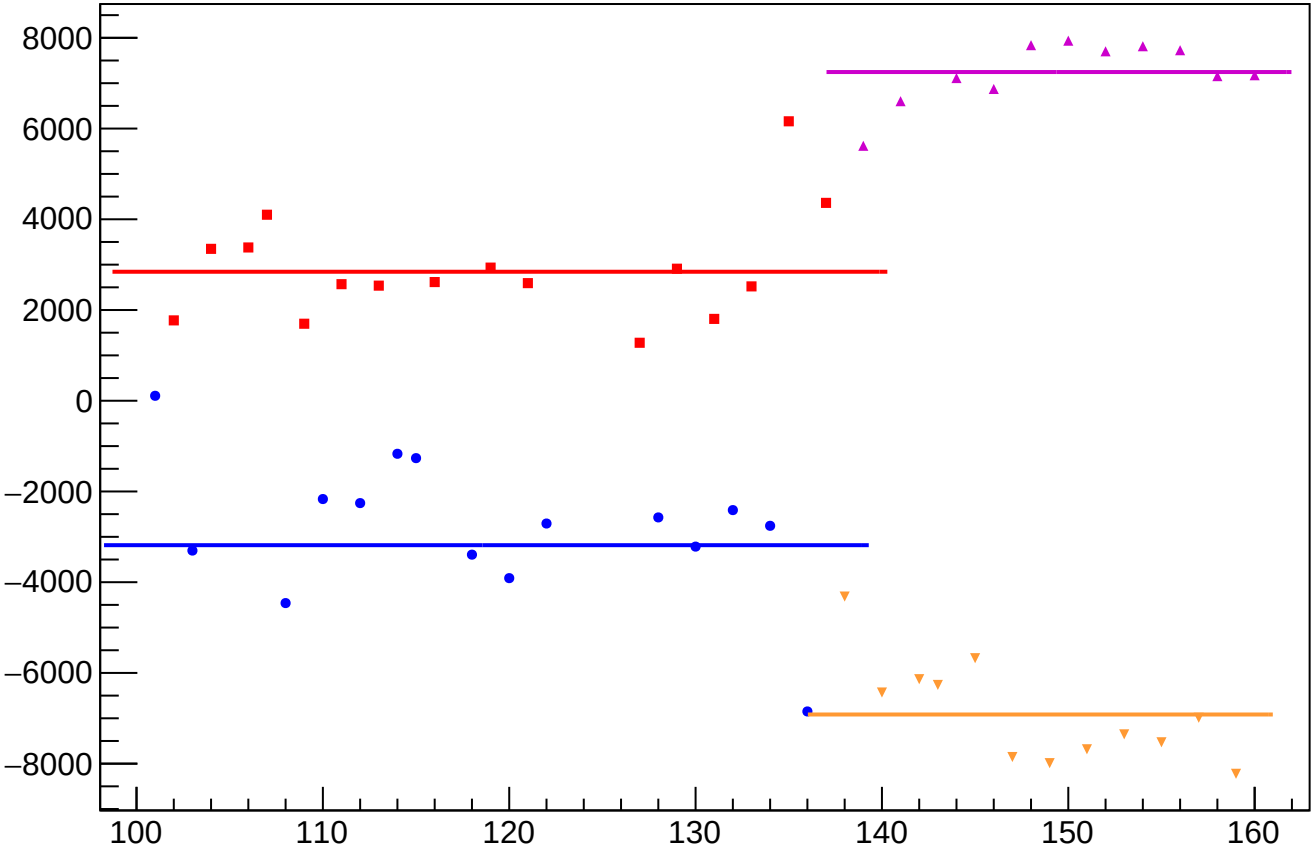
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: 203.352+/-0.000 χ^2/NDF: 9367664182142015

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11

In: 2942.696+/-0.000 χ^2/NDF:440076230139336

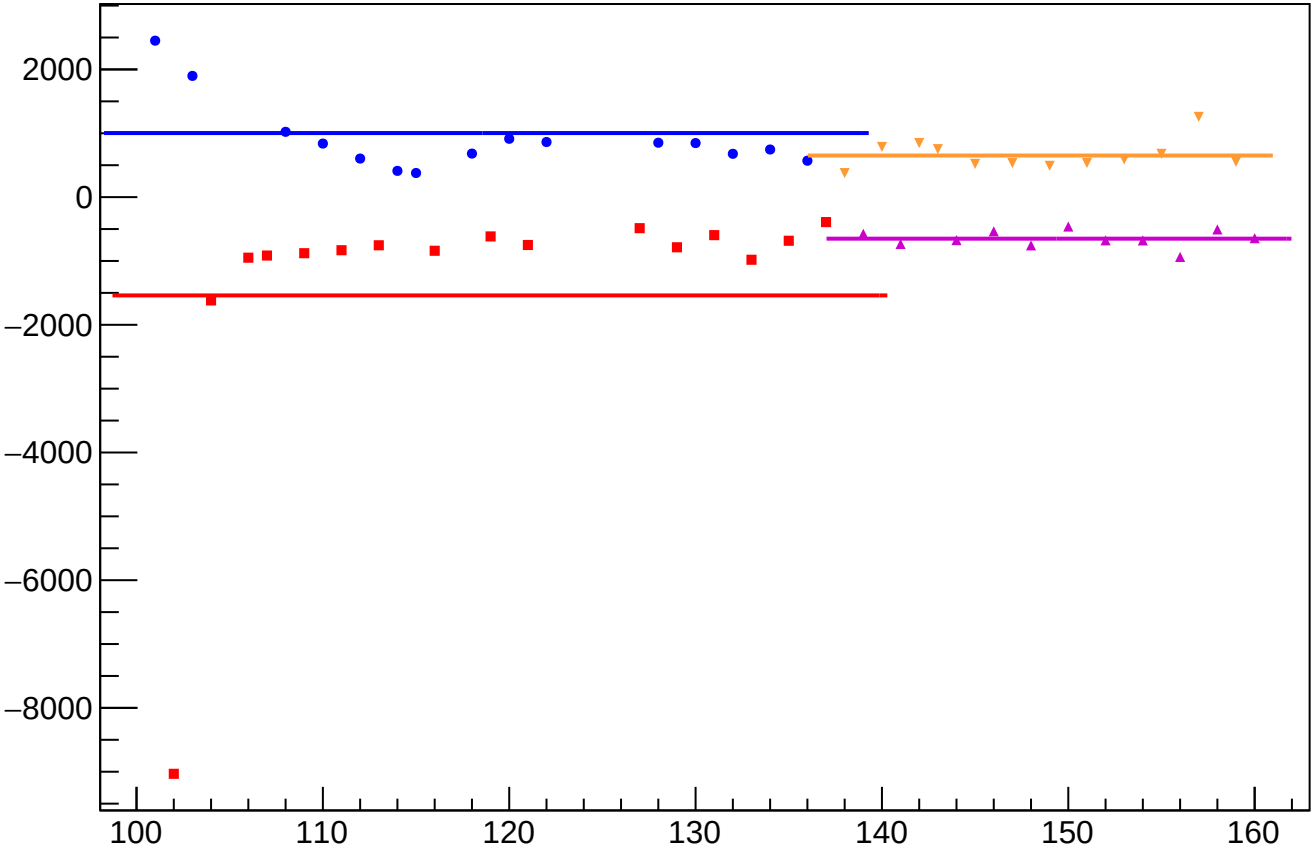
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2798.729+/-0.000 χ^2/NDF:38794467171221

Left In: 7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

All: 64.702+/-0.000 χ^2/NDF: 1087940046919

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: -3.137+/-0.000 χ^2/NDF: 83969979485831992

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11

In: 31.723+/-0.000 χ^2/NDF:12777531753239734 2

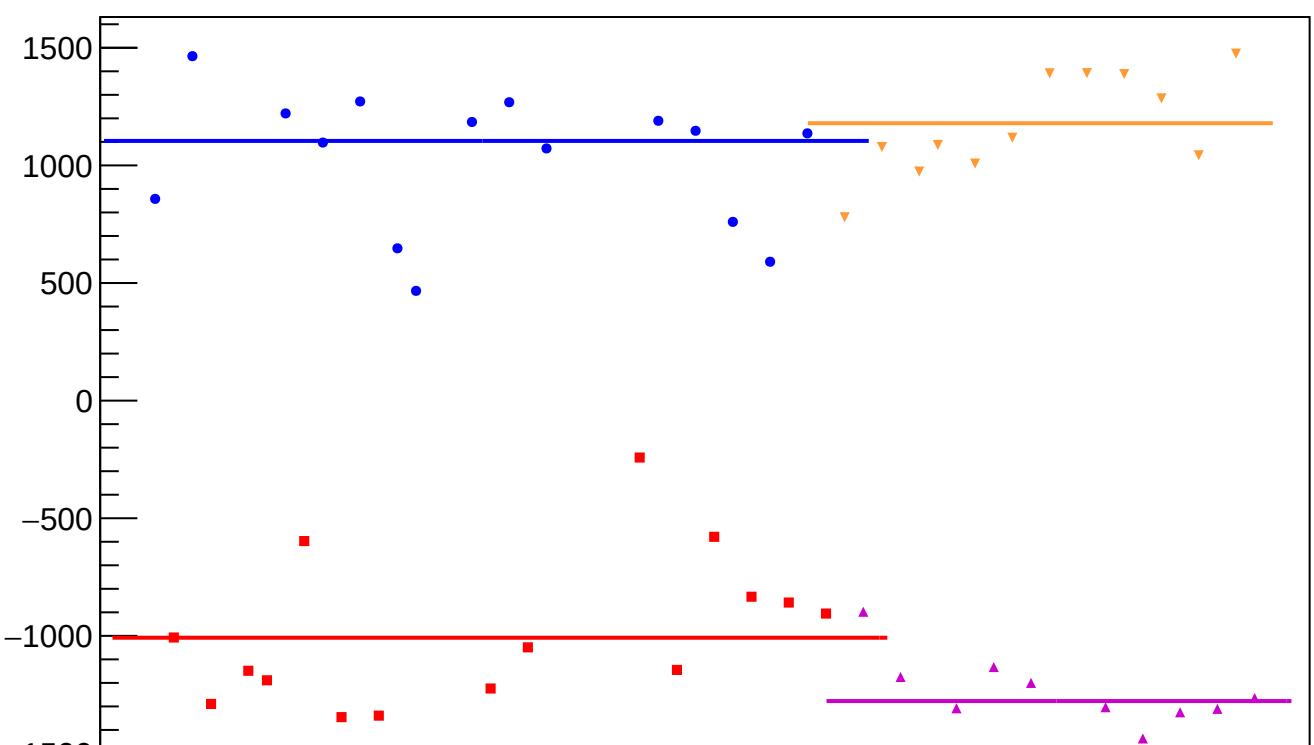
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -272.831+/-0.000 χ^2/NDF:551168647234999

Left In: -650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

All: -120.940+/-0.000 χ^2/NDF: 68625749232

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

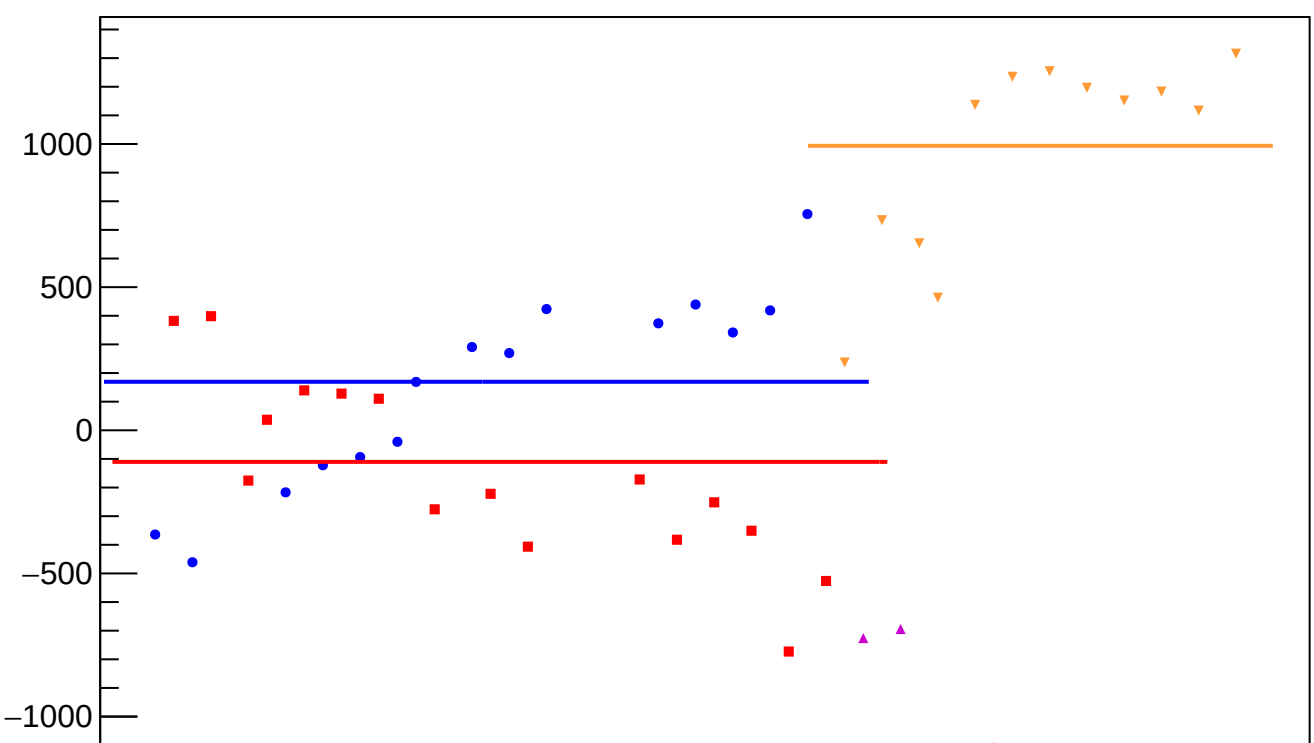
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -63.985+/-0.000 χ^2/NDF: 2171788673126913

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 192954558913151 3

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

In: -582.219+/-0.000 χ^2/NDF:7538236455803364

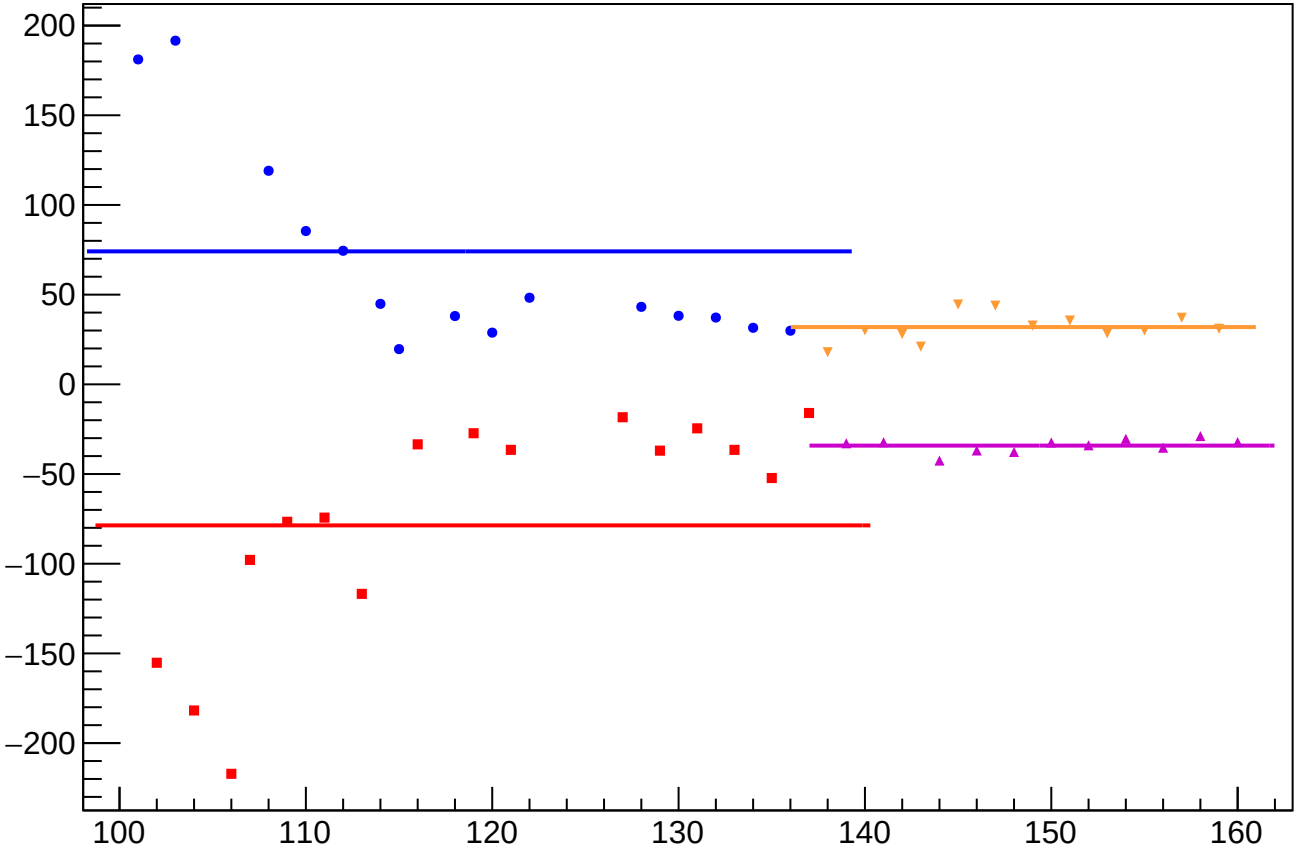
Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

Out: 527.933+/-0.000 χ^2/NDF:645595104234672 9

Left In: -1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

All: -25.735+/-0.000 χ^2/NDF: 23711880773 7

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.301+/-0.000 χ^2/NDF: 20709383858678459

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

In: 10.520+/-0.000 χ^2/NDF:66512492434564945 7

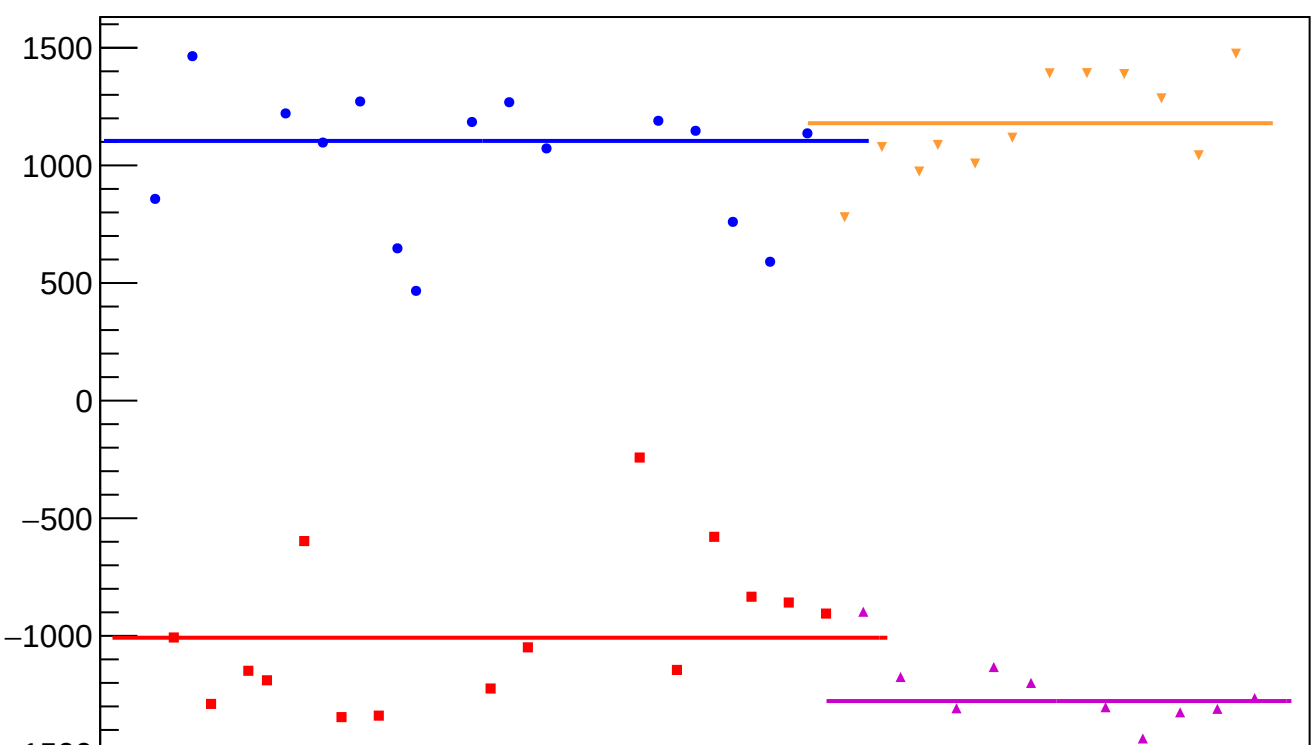
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -14.723+/-0.000 χ^2/NDF:7108066763798732

Left In: -34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

All: -2.134+/-0.000 χ^2/NDF: 1426173775487

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

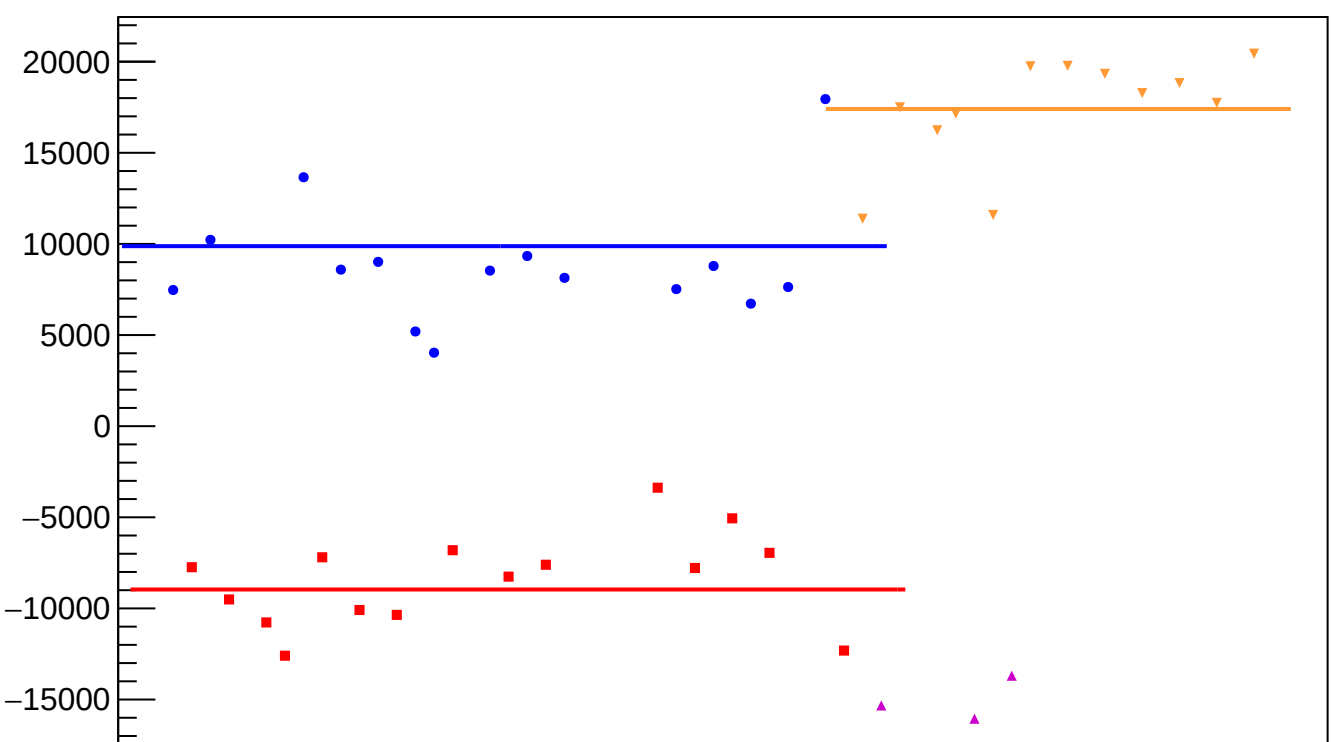
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam2_coil3_mean vs Slug, Sign Corrected



Left: -374.952+/-0.000 χ^2/NDF: 586010235145189

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17405.049+/-0.000 χ^2/NDF:76898016710993787915445454221756648652 80.0/11

In: -6476.484+/-0.000 χ^2/NDF:307506960113677

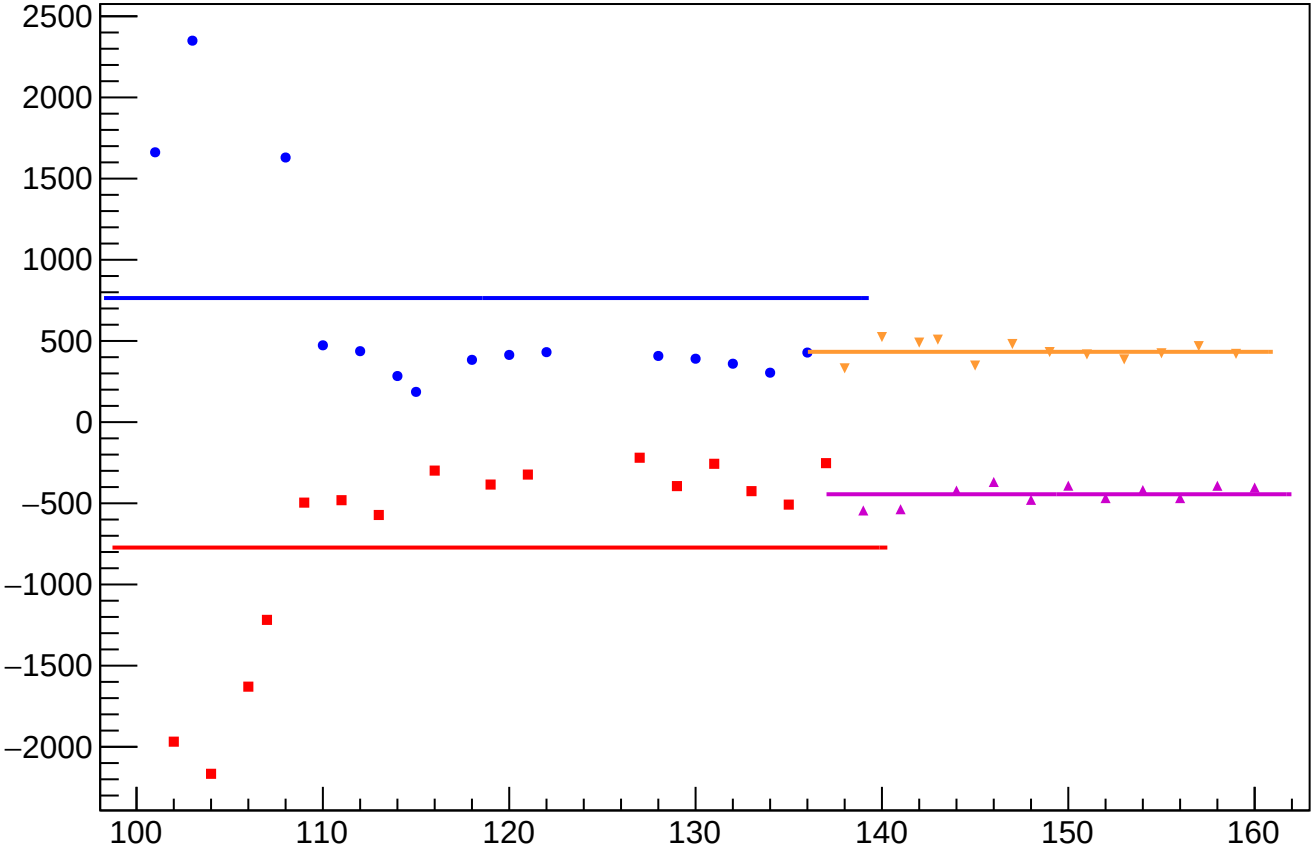
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 6281.362+/-0.000 χ^2/NDF:283344504403014

Left In: -17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

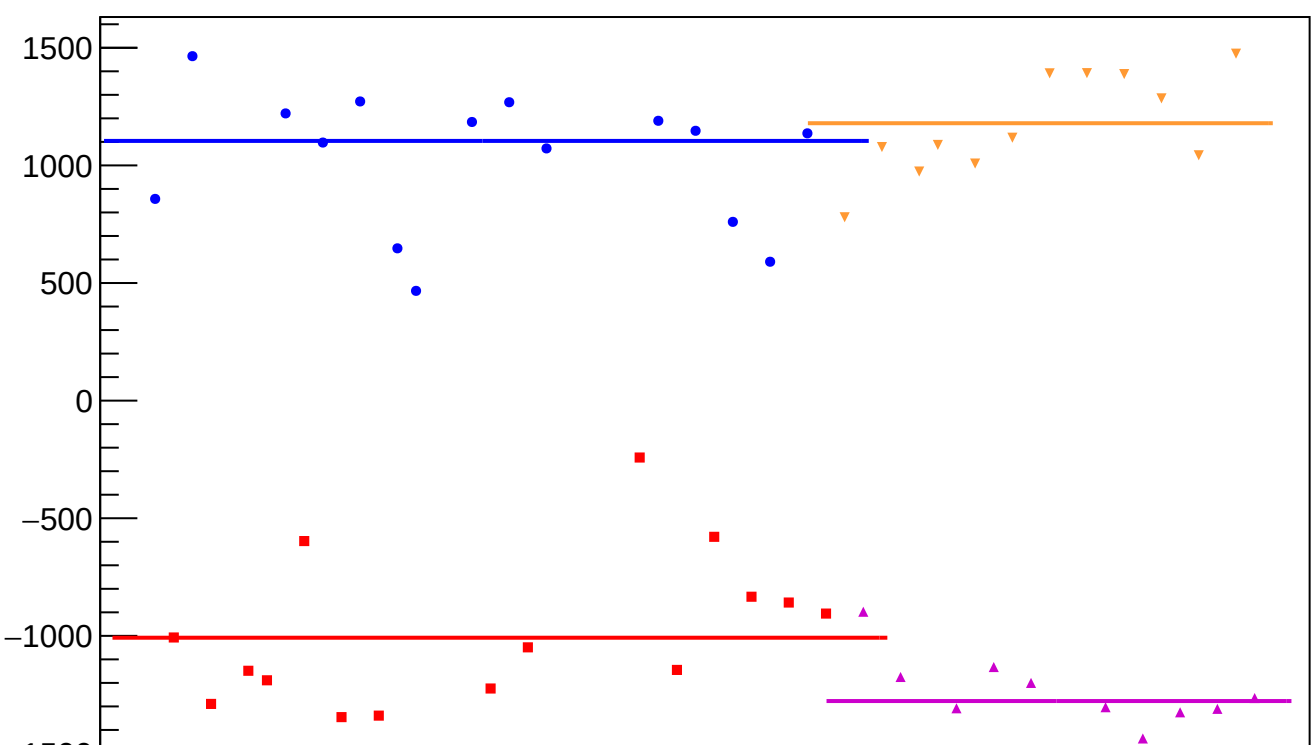
All: -81.381+/-0.000 χ^2/NDF: 719188962323

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -7.970+/-0.000 χ^2/NDF: 35964203749323128
Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11
In: 54.379+/-0.000 χ^2/NDF:85067486853551882 4
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -75.557+/-0.000 χ^2/NDF:8494595605470363
Left In: -444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124172 8.0/10
All: -10.754+/-0.000 χ^2/NDF: 171344684046

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

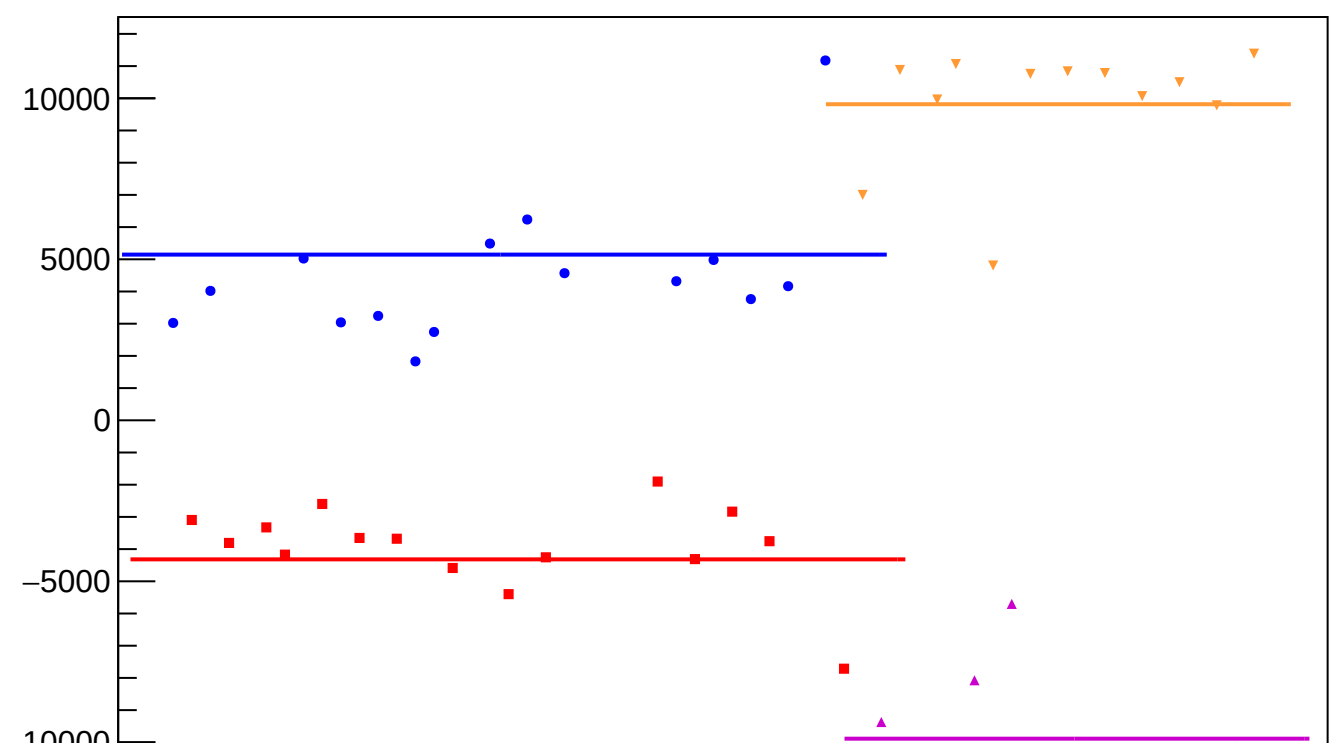
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: -89.265+/-0.000 χ^2/NDF: 1838935043265731

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

In: -3684.756+/-0.000 χ^2/NDF:927030037862326

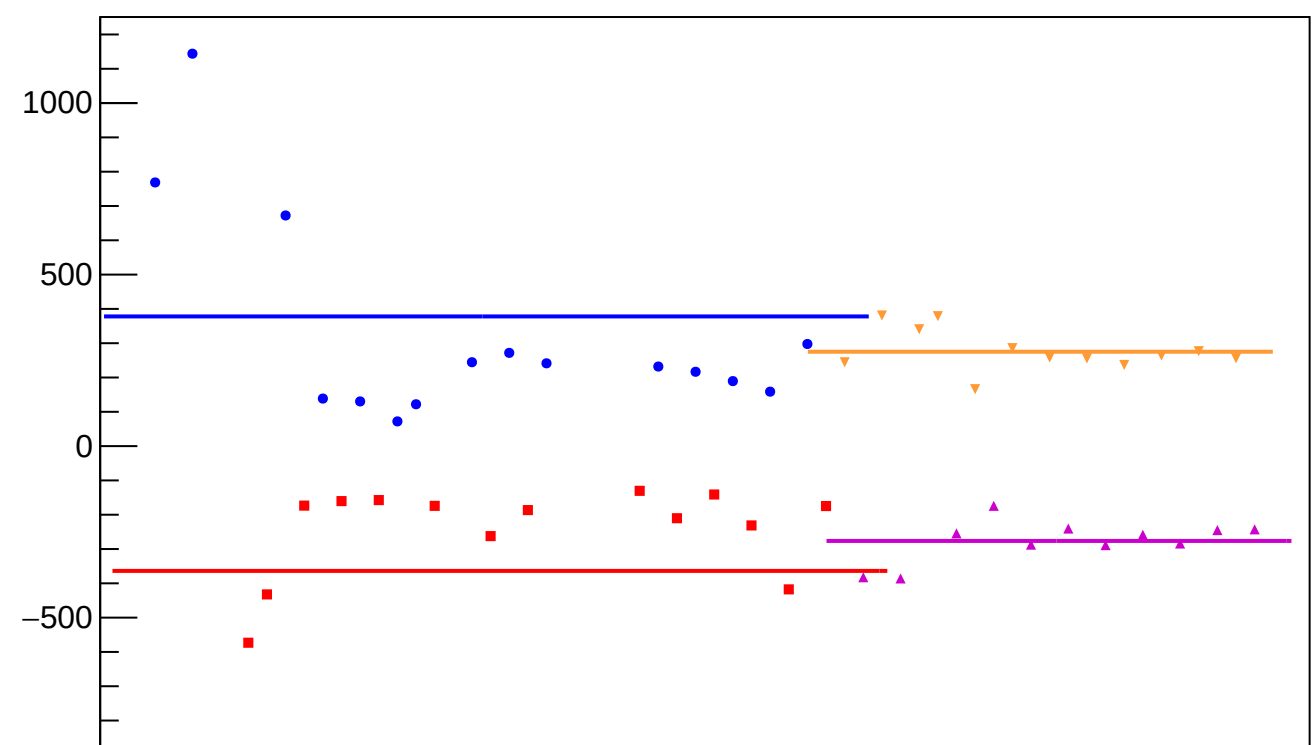
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

Out: 3852.873+/-0.000 χ^2/NDF:836176493055076

Left In: -9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734771 2.0/10

All: 93.618+/-0.000 χ^2/NDF: 2211196592737

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: -2.125+/-0.000 χ^2/NDF: 14605036869185649

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 275.181+/-0.000 χ^2/NDF:30639739248384837526480238564951982 08.0/11

In: -6.399+/-0.000 χ^2/NDF:22799172790938067 0

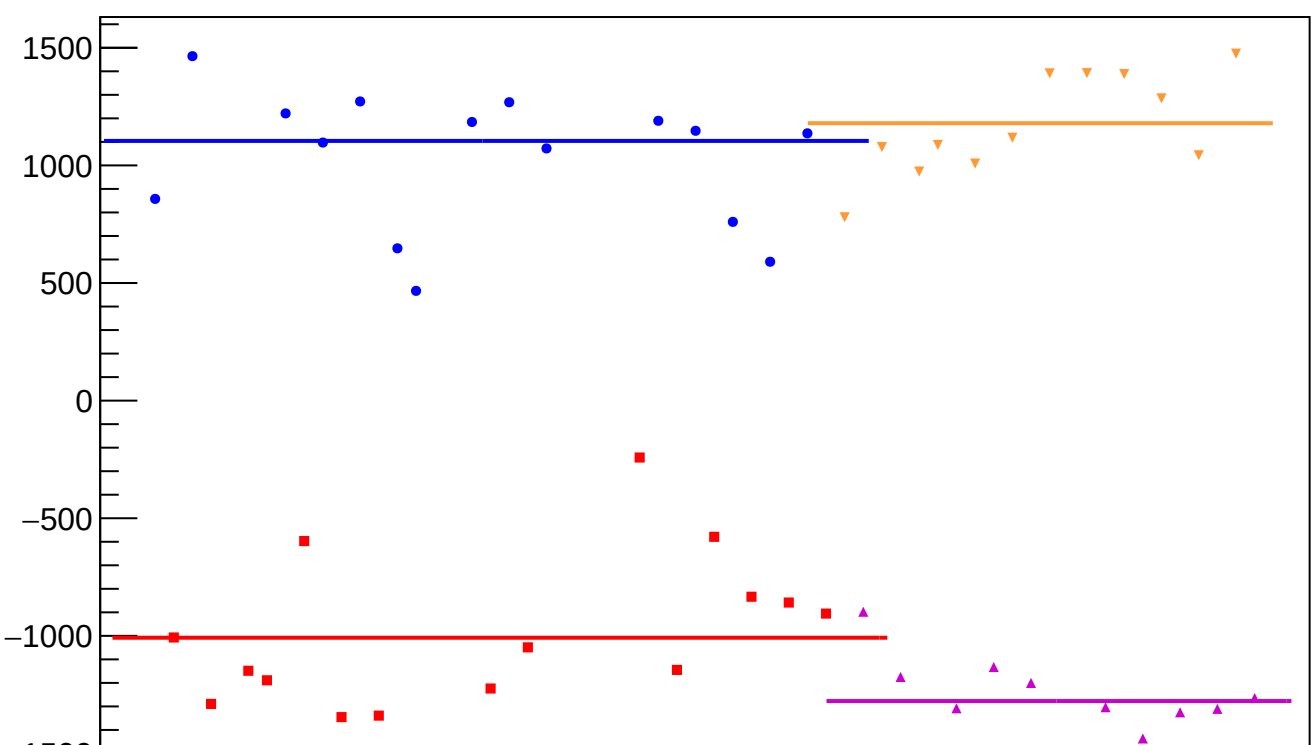
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: 5.616+/-0.000 χ^2/NDF:21952216327772997 4

Left In: -276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

All: -0.376+/-0.000 χ^2/NDF: 4476277184699

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

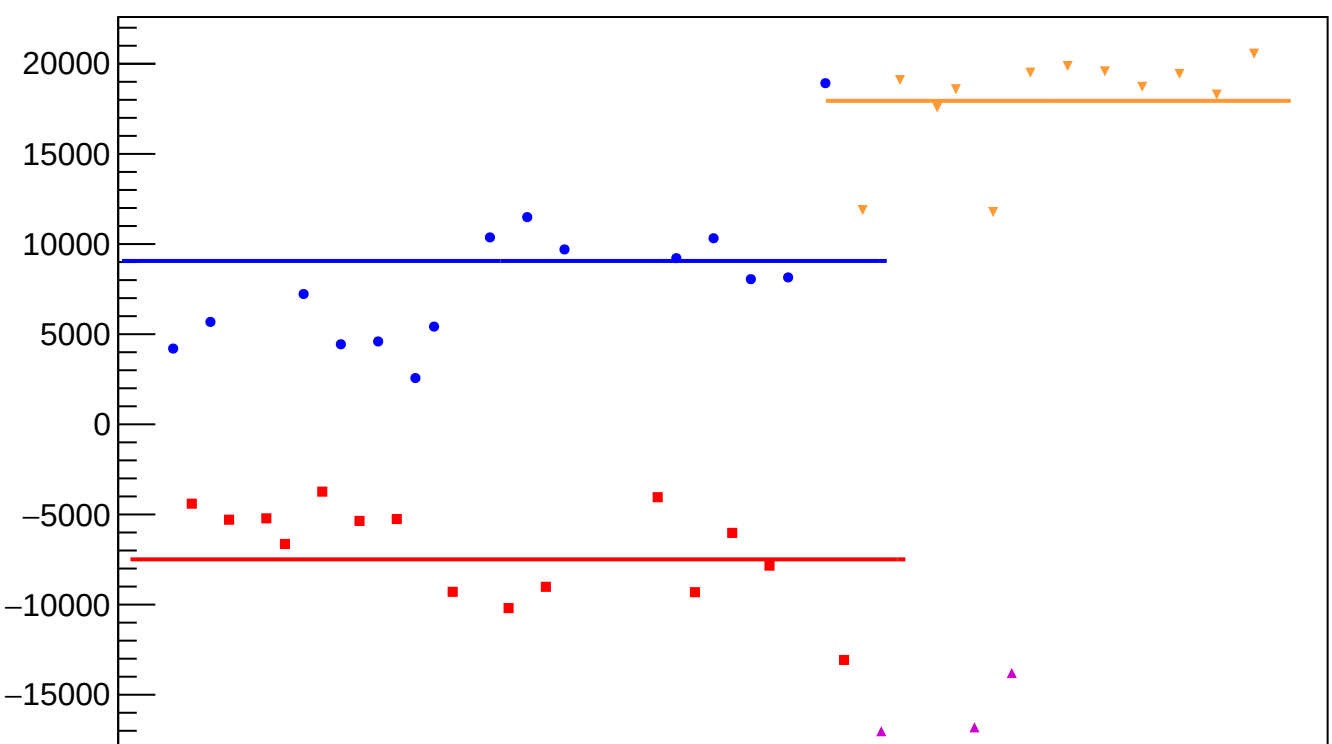
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

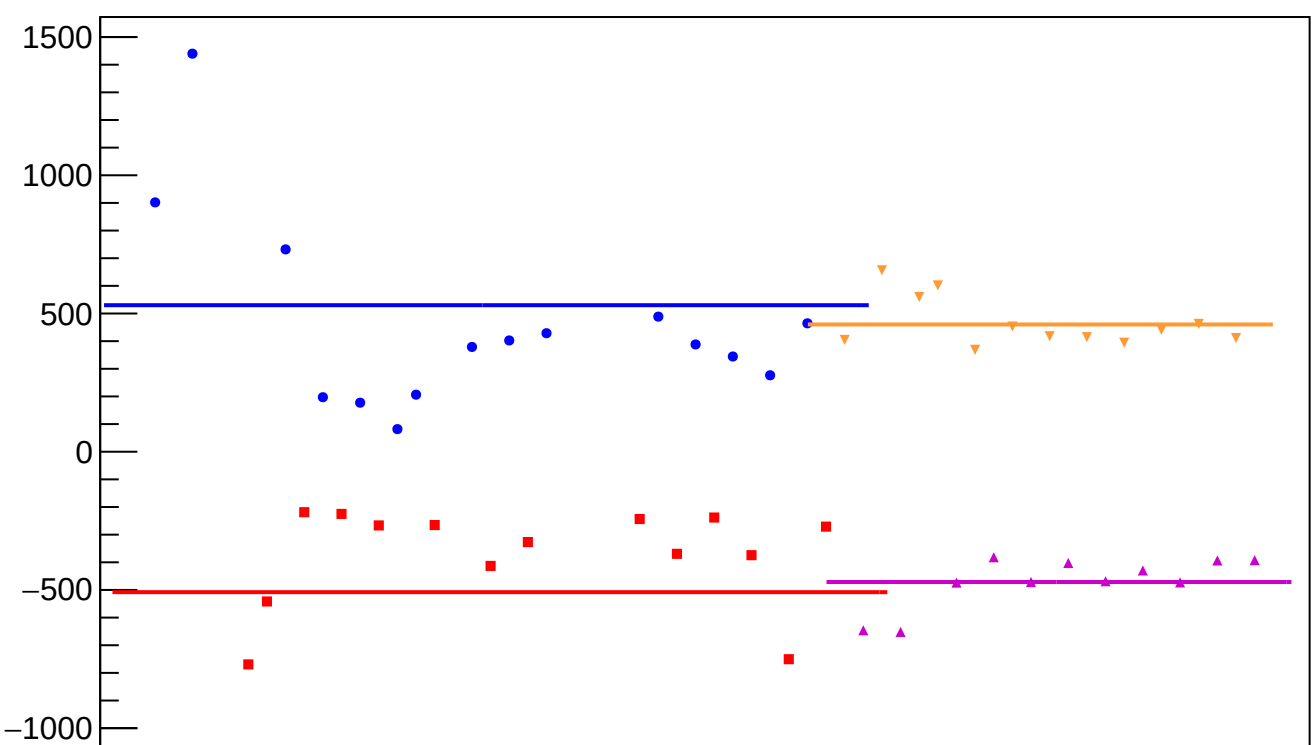
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam4_coil3_mean vs Slug, Sign Corrected



Left: -415.014+/-0.000 χ^2/NDF: 623613646313618
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 7213.447+/-0.000 χ^2/NDF:267017454267877
Left In: -18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10
All: 38.990+/-0.000 χ^2/NDF: 7383790559071

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: -7.988+/-0.000 χ^2/NDF: 41292053384474531

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

In: -58.105+/-0.000 χ^2/NDF:46840539671479809

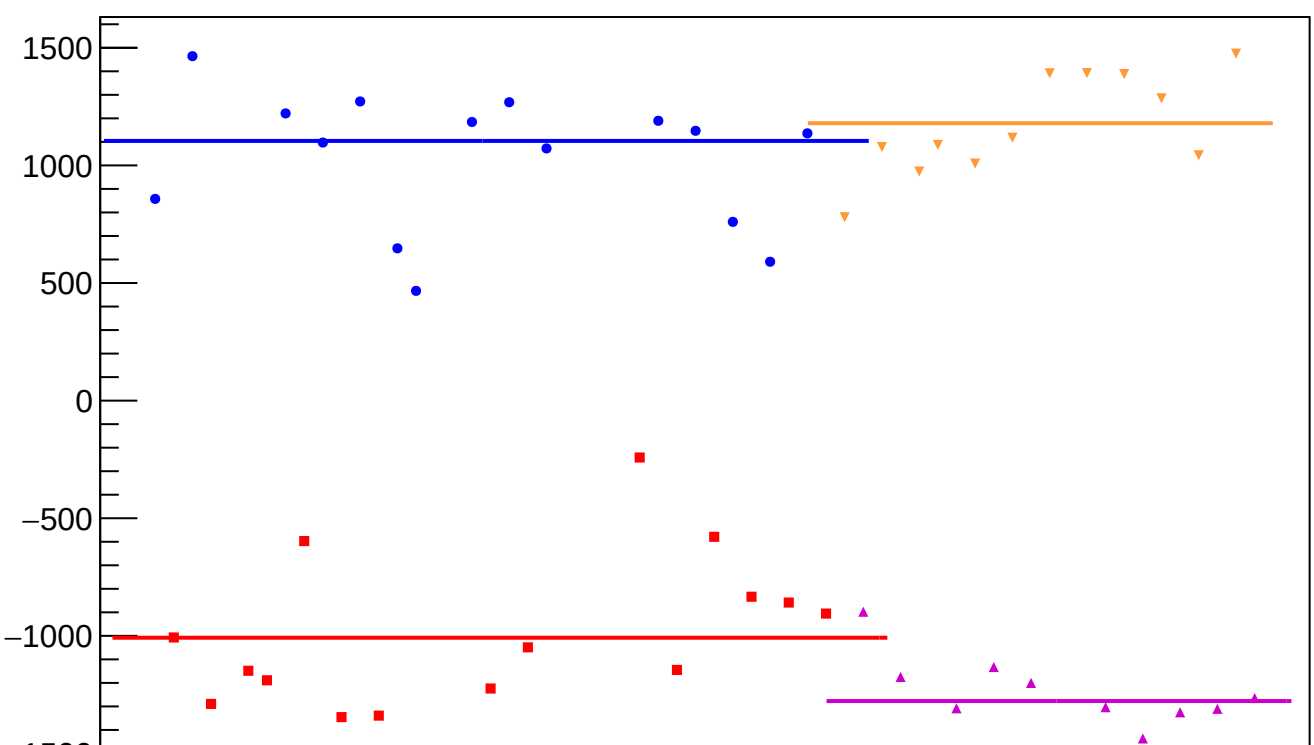
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

Out: 51.802+/-0.000 χ^2/NDF:44498677720954542

Left In: -471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

All: -3.012+/-0.000 χ^2/NDF: 9229168077860

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

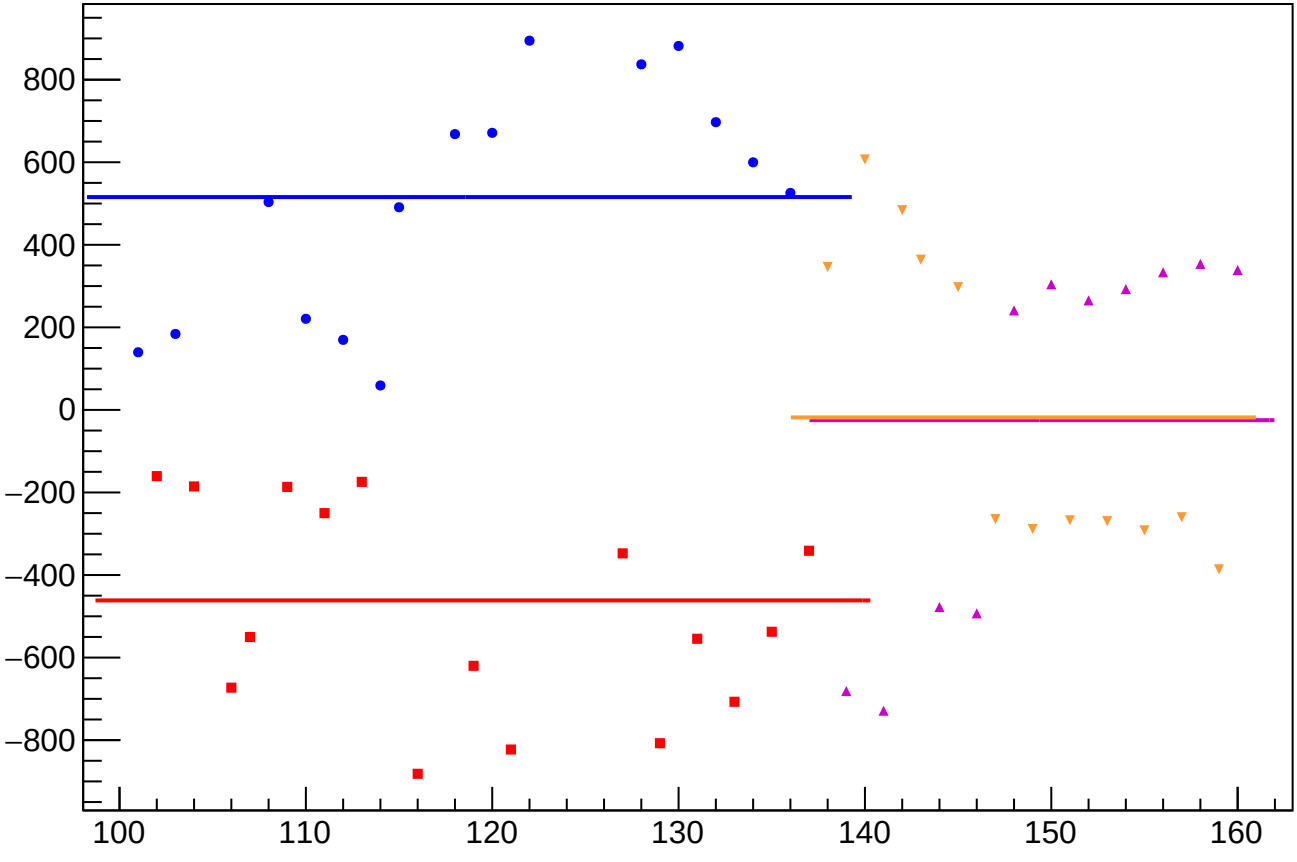
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

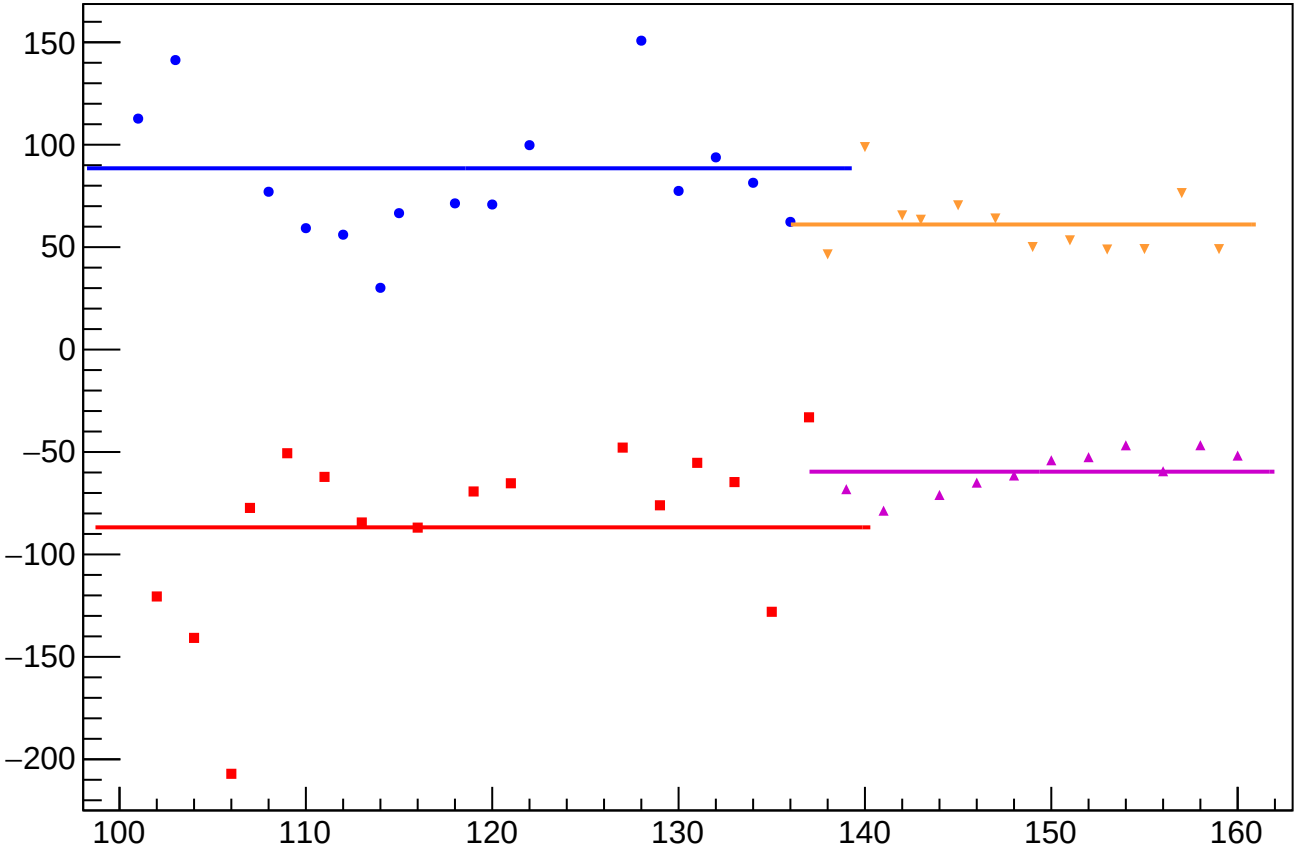
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -21.540+/-0.000 χ^2/NDF: 2912056569899347
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
Out: -205.189+/-0.000 χ^2/NDF:230282610229259
Left In: -24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10
All: -4.046+/-0.000 χ^2/NDF: 6955593653745

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: 0.403+/-0.000 χ^2/NDF: 699320951326261037

Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666

Left Out: 61.067+/-0.000 χ^2/NDF:211507080213048507647331077961285632.0/11

In: 1.499+/-0.000 χ^2/NDF:909555293268762402

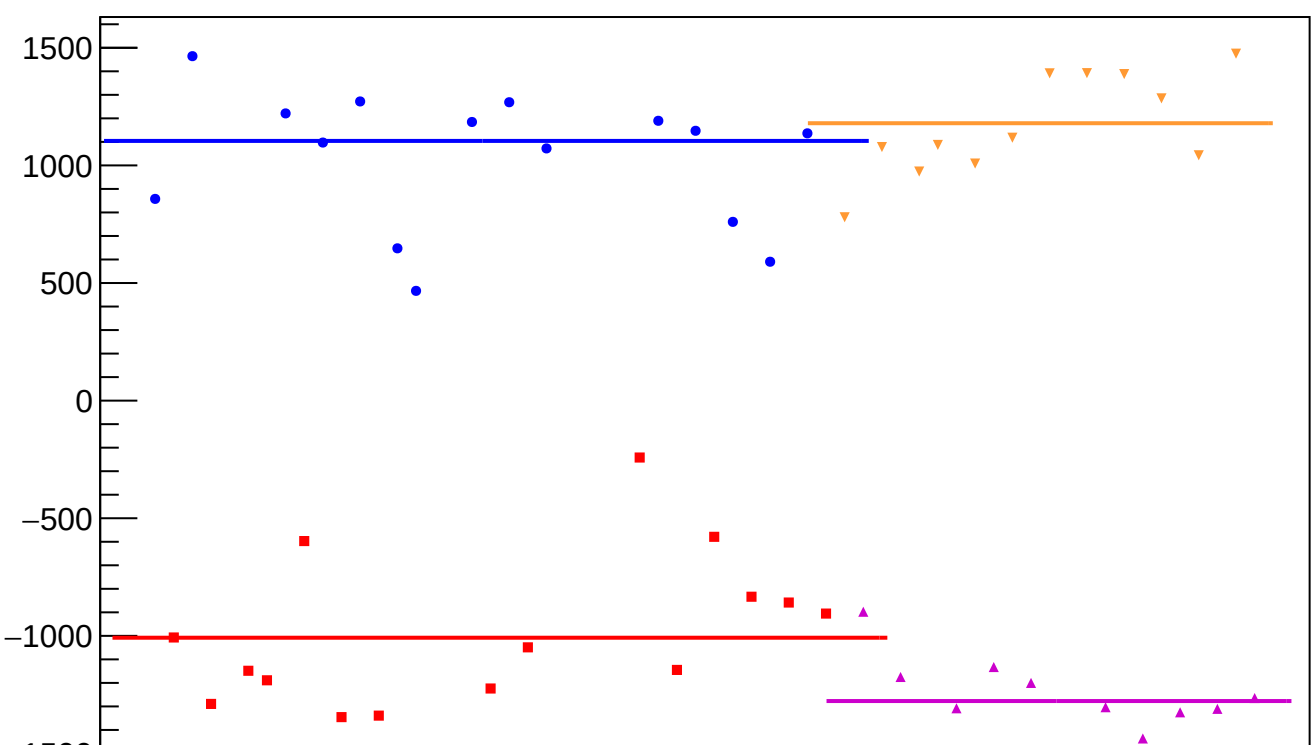
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

Out: -1.305+/-0.000 χ^2/NDF:96987555251915958

Left In: -59.604+/-0.000 χ^2/NDF:908626251819856643753234631680327 68.0/10

All: 0.094+/-0.000 χ^2/NDF: 1880050537184

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

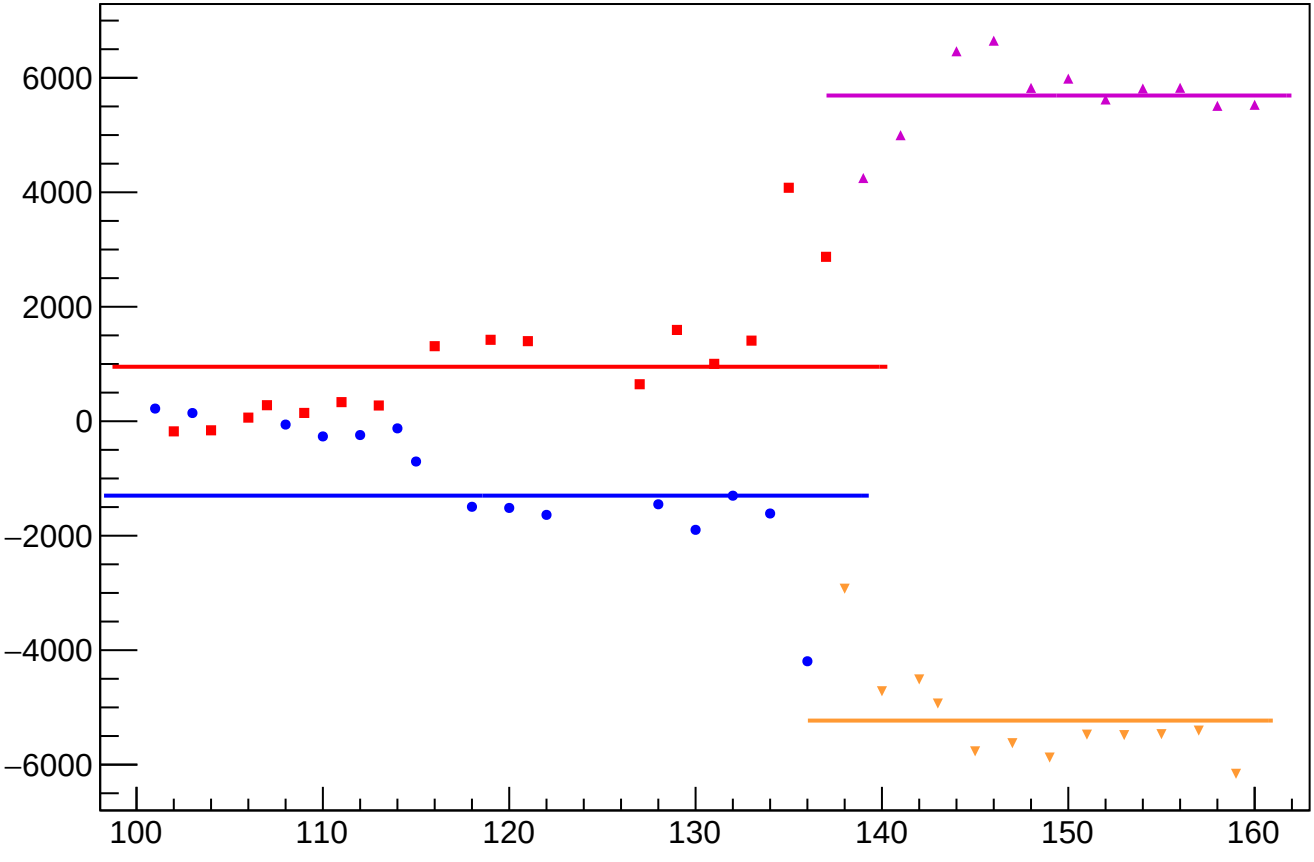
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 260.098+/-0.000 χ^2/NDF: 5578029245557142

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14

Right: -158.600+/-0.000 χ^2/NDF: 37088904648604

Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11

In: 2806.606+/-0.000 χ^2/NDF:201868973591481 4

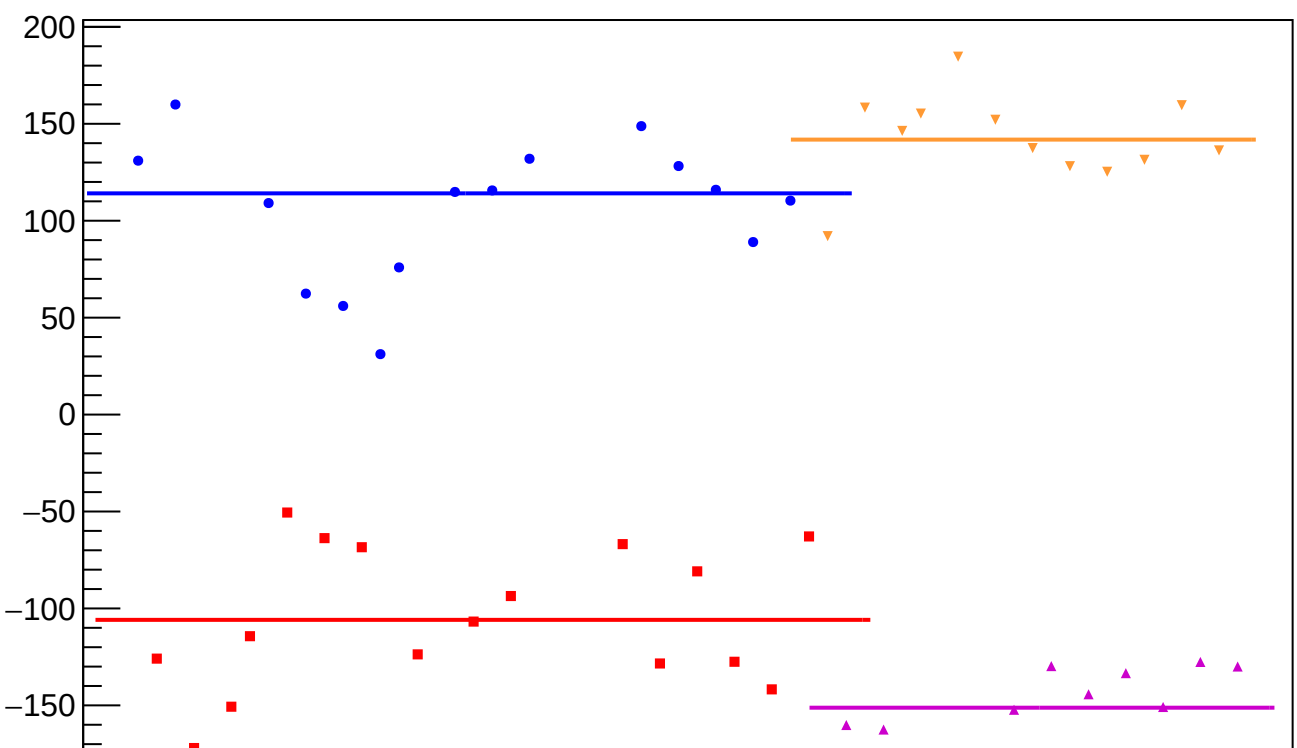
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

Out: -2622.043+/-0.000 χ^2/NDF:1619959994130 3

Left In: 5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

All: 85.397+/-0.000 χ^2/NDF: 5962362698239

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -5.477+/-0.000 χ^2/NDF: 40296557348706998

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

In: -41.735+/-0.000 χ^2/NDF:27826261181651348

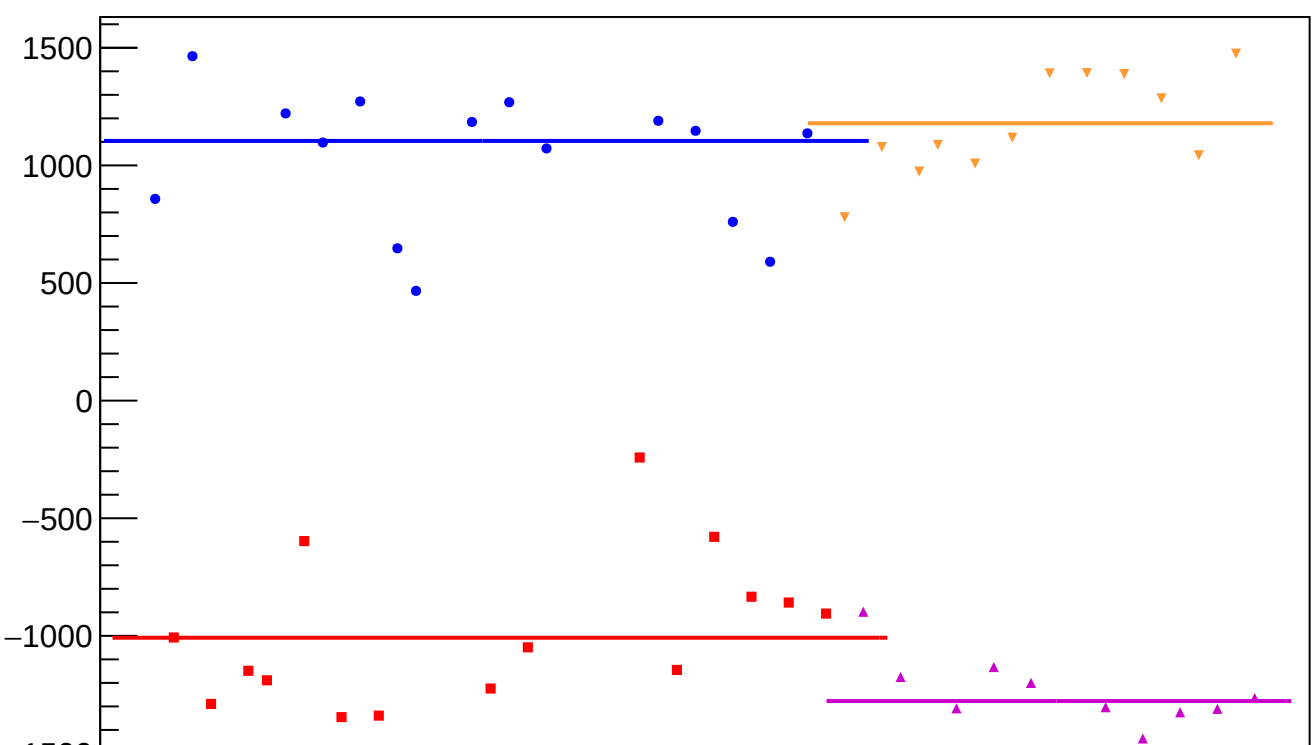
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 37.329+/-0.000 χ^2/NDF:24972280425229792

Left In: -151.203+/-0.000 χ^2/NDF:38222765260499933757743154978409676 8.0/10

All: -2.103+/-0.000 χ^2/NDF: 5772748991096

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

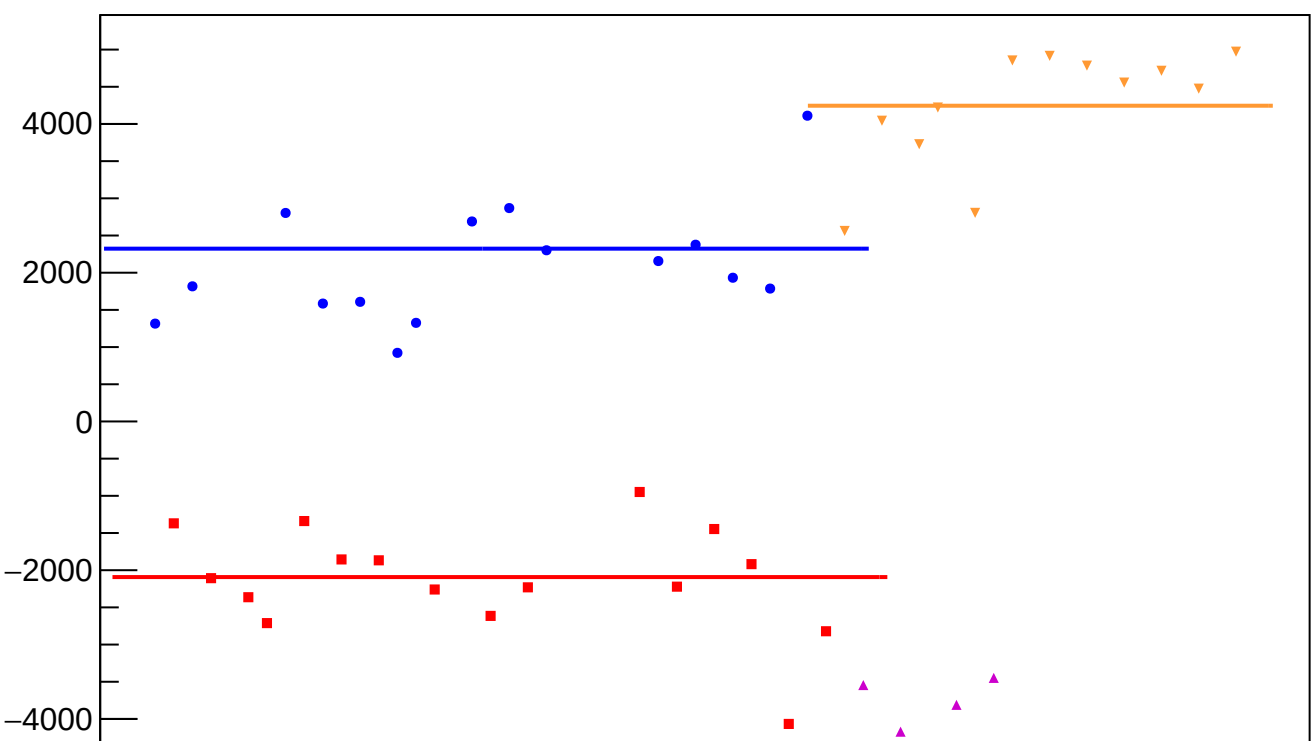
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam7_coil3_mean vs Slug, Sign Corrected



Left: -98.908+/-0.000 χ^2/NDF: 3514152812963095

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

In: -1623.712+/-0.000 χ^2/NDF:179596063861387

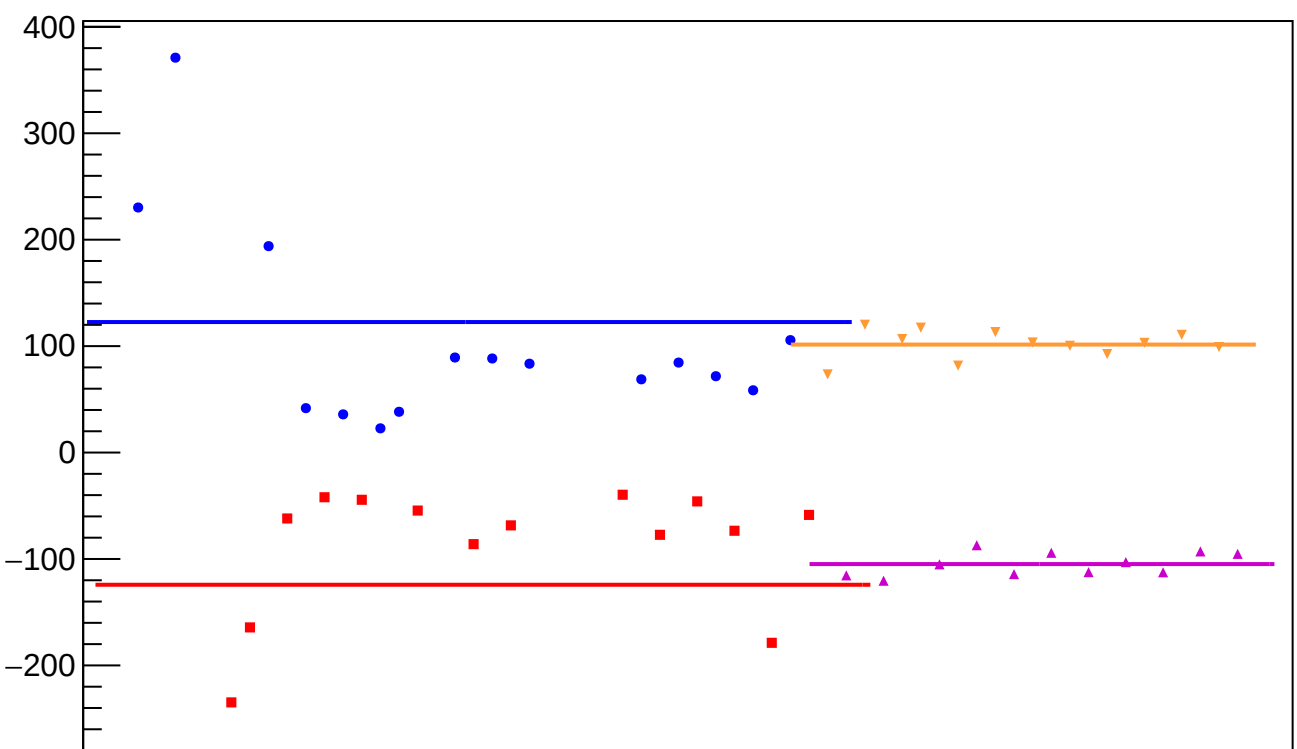
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1571.478+/-0.000 χ^2/NDF:16415649575822

Left In: -4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

All: -22.065+/-0.000 χ^2/NDF: 424251896737

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -2.219+/-0.000 χ^2/NDF: 19812994387589276

Right In: 122.622+/-0.000 χ^2/NDF: 59375046611876911459032358427494 97344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.470+/-0.000 χ^2/NDF:16360658660921551517460113962041 3440.0/11

In: -10.961+/-0.000 χ^2/NDF:2575473987064935 8

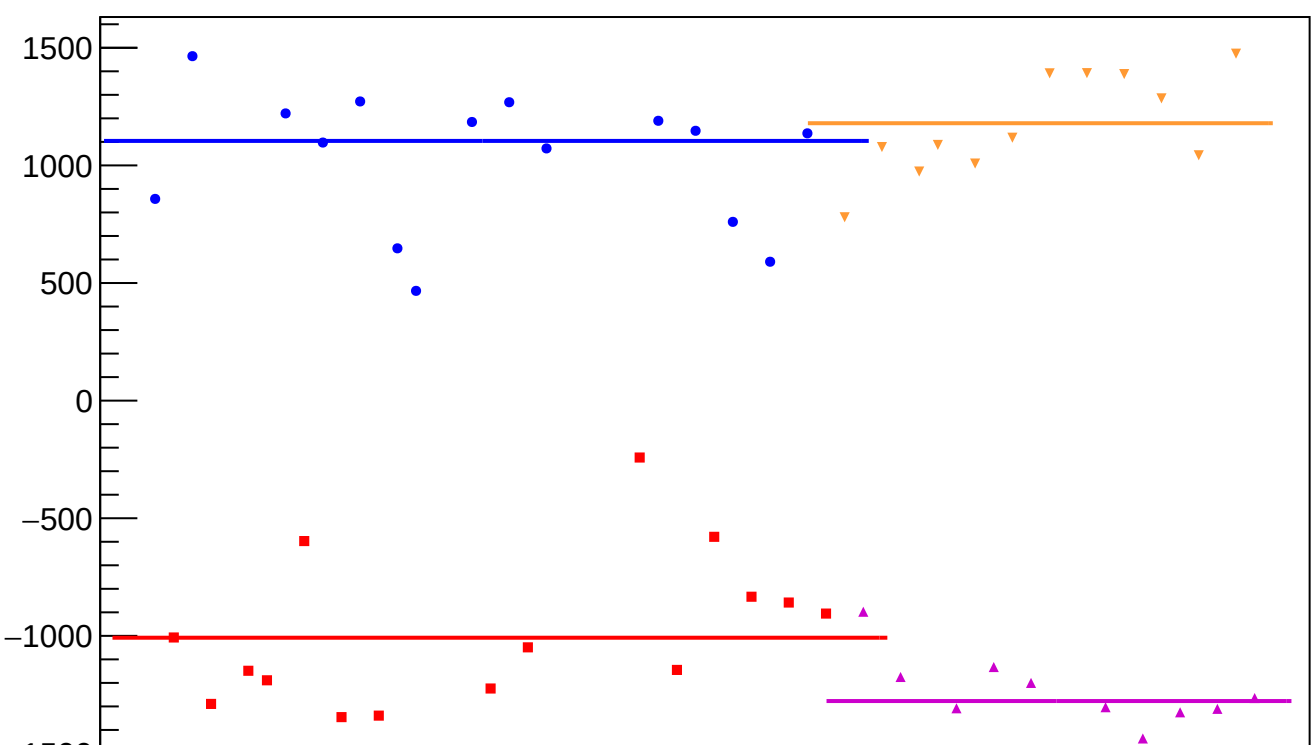
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 6.256+/-0.000 χ^2/NDF:2635369442246566 89

Left In: -104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

All: -2.330+/-0.000 χ^2/NDF: 5234216215941

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

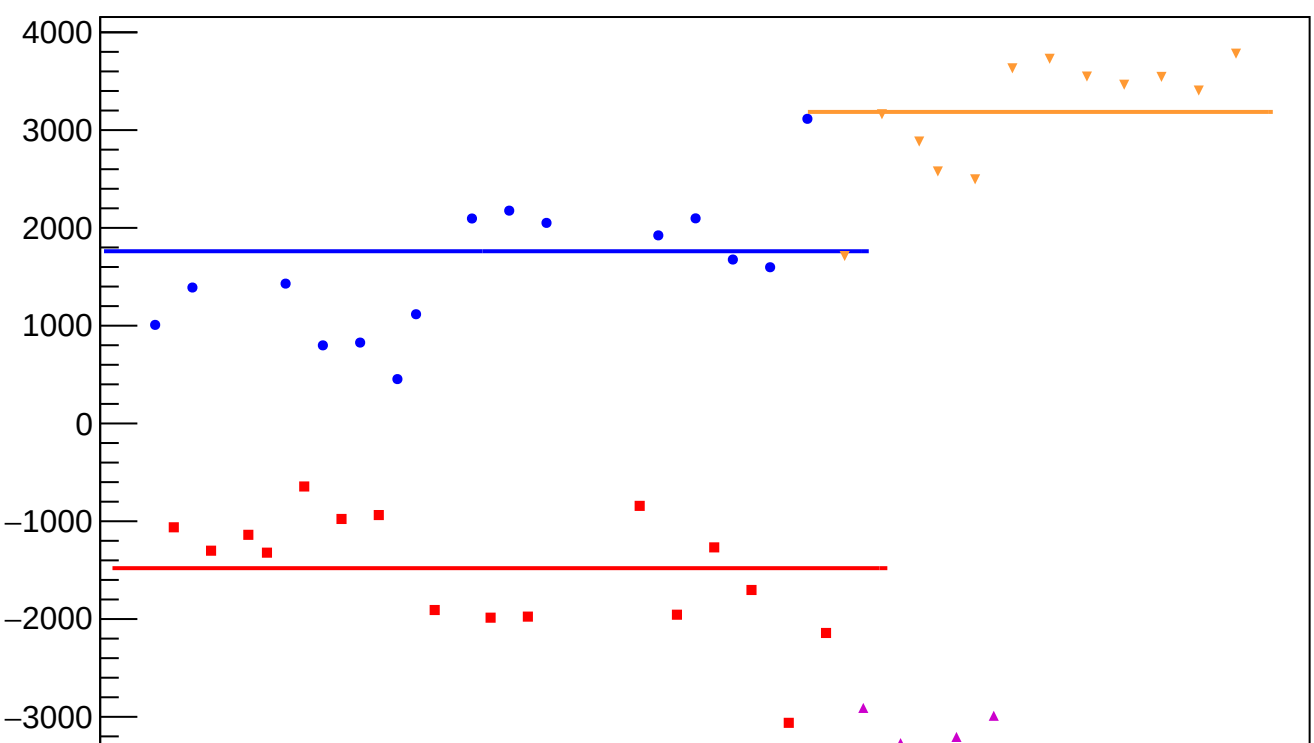
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -136.525+/-0.000 χ^2/NDF: 204789855452922

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

In: -1284.056+/-0.000 χ^2/NDF:106529223368733

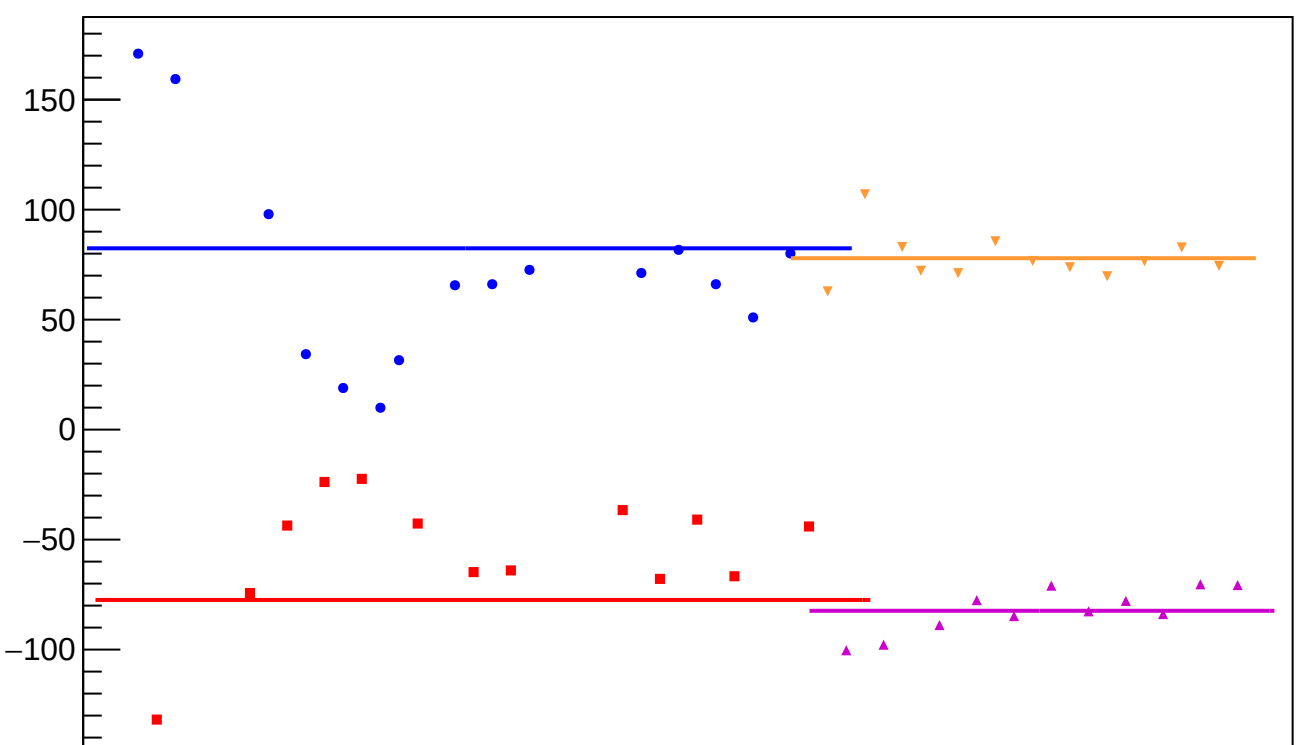
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1217.526+/-0.000 χ^2/NDF:89925987764986

Left In: -3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

All: -30.093+/-0.000 χ^2/NDF: 245798533014

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -2.653+/-0.000 χ^2/NDF: 12002252519609657

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 11184350671309506

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

In: -14.374+/-0.000 χ^2/NDF:11703552131501015

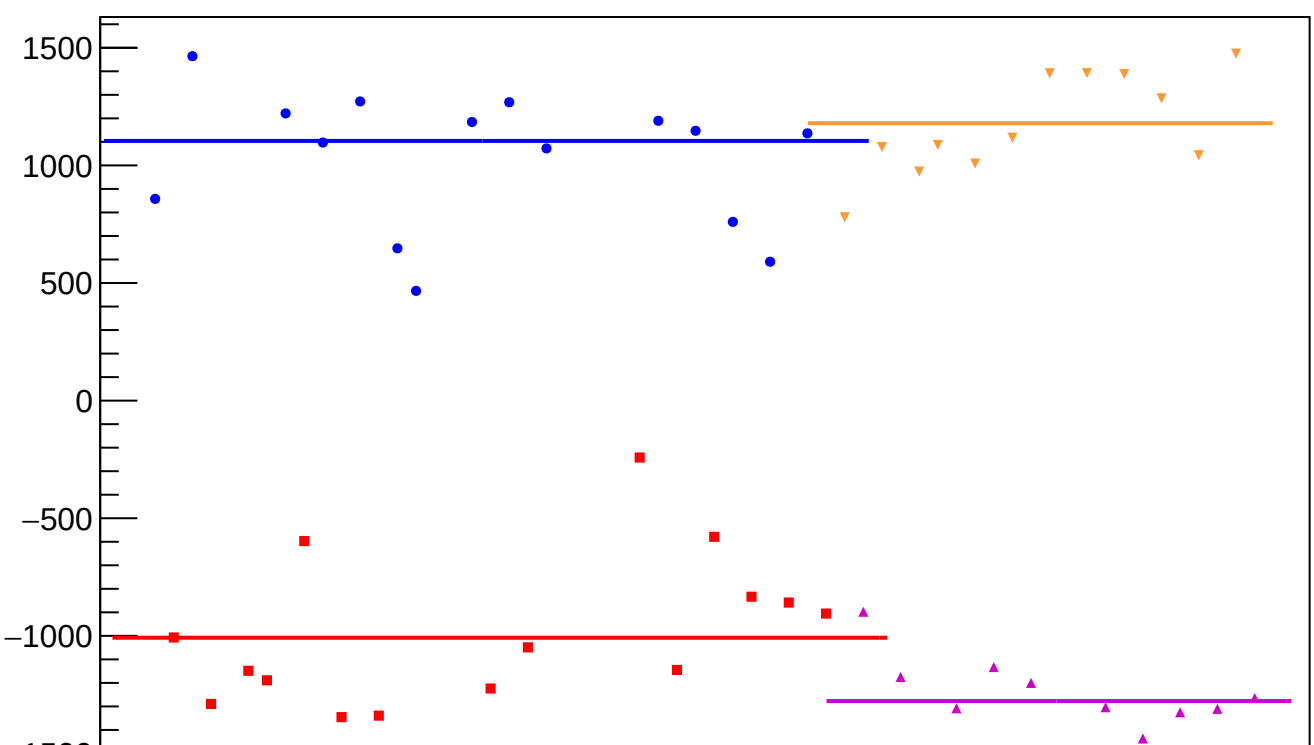
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 12.384+/-0.000 χ^2/NDF:10931113558677322

Left In: -82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

All: -0.961+/-0.000 χ^2/NDF: 2319921906530

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

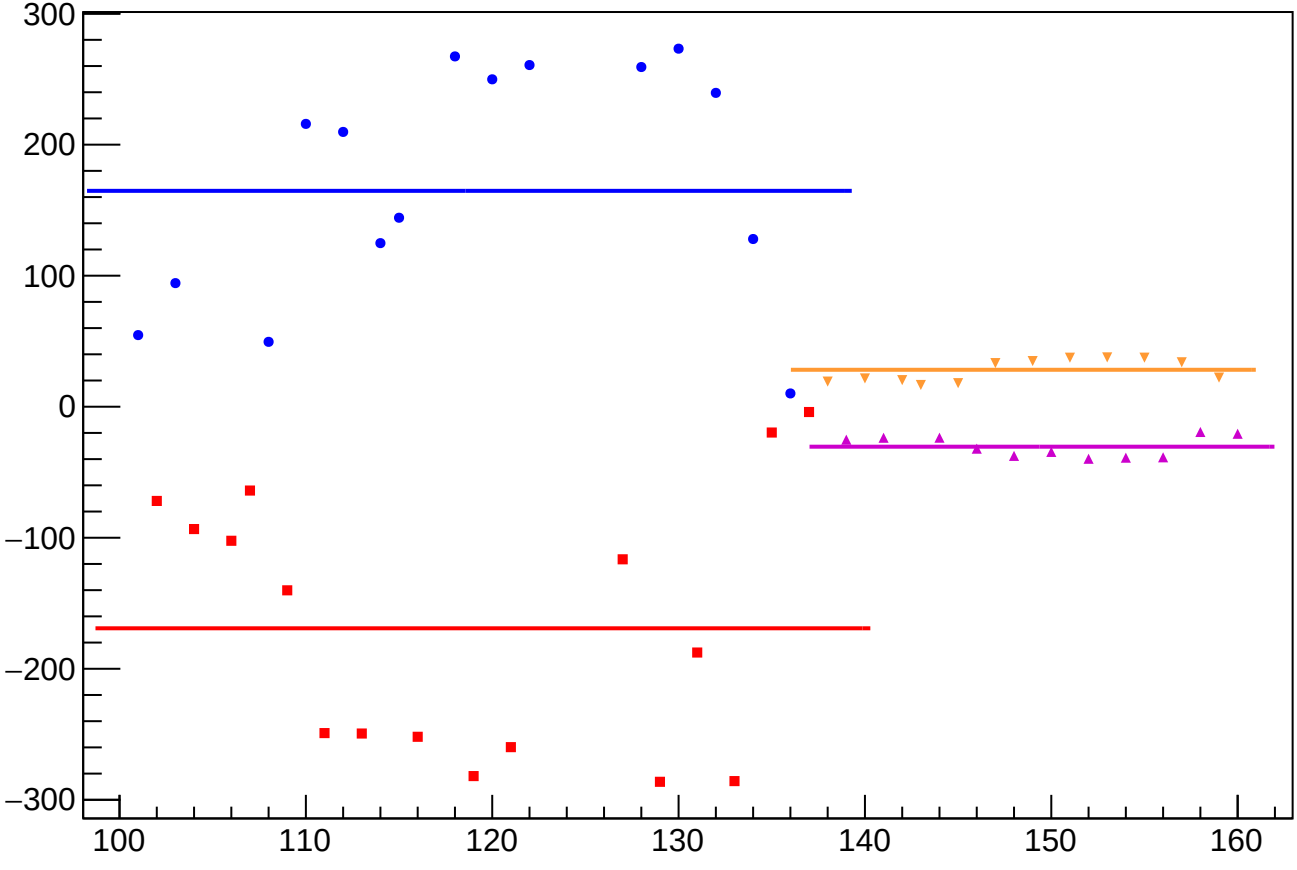
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -1.317+/-0.000 χ^2/NDF: 16978934081589781

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

In: 50.054+/-0.000 χ^2/NDF:20957243949655608 5

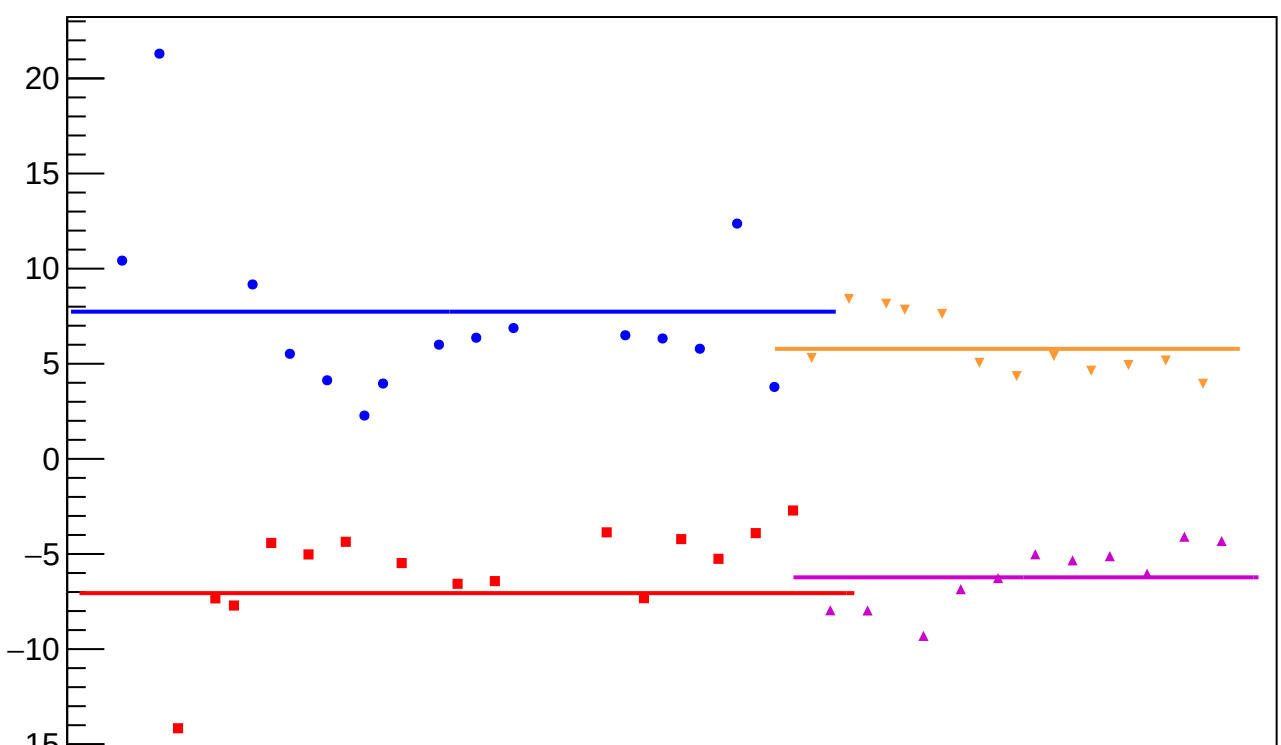
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

Out: -55.045+/-0.000 χ^2/NDF:2111323920107624

Left In: -30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

All: -2.629+/-0.000 χ^2/NDF: 5078015592202

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

Left Out: 5.783+/-0.000 χ^2/NDF:2082103650411209995862519006101504.0/11

Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Left In: -6.228+/-0.000 χ^2/NDF:2331911751655733809355489024147456.0/10

Left: -0.255+/-0.000 χ^2/NDF: 7069951433838344 3

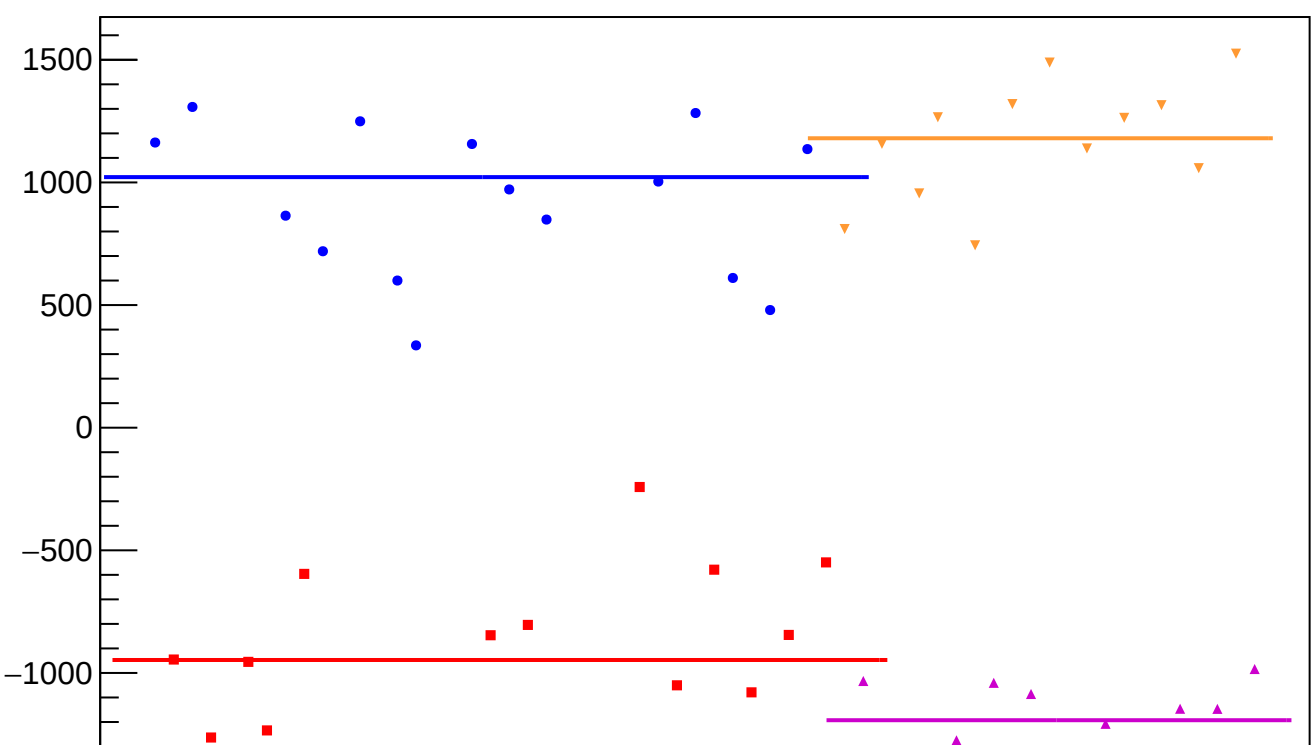
Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

In: -0.465+/-0.000 χ^2/NDF:918173600433659014

Out: 0.366+/-0.000 χ^2/NDF:769487203069941784

All: -0.049+/-0.000 χ^2/NDF: 1693113496789

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

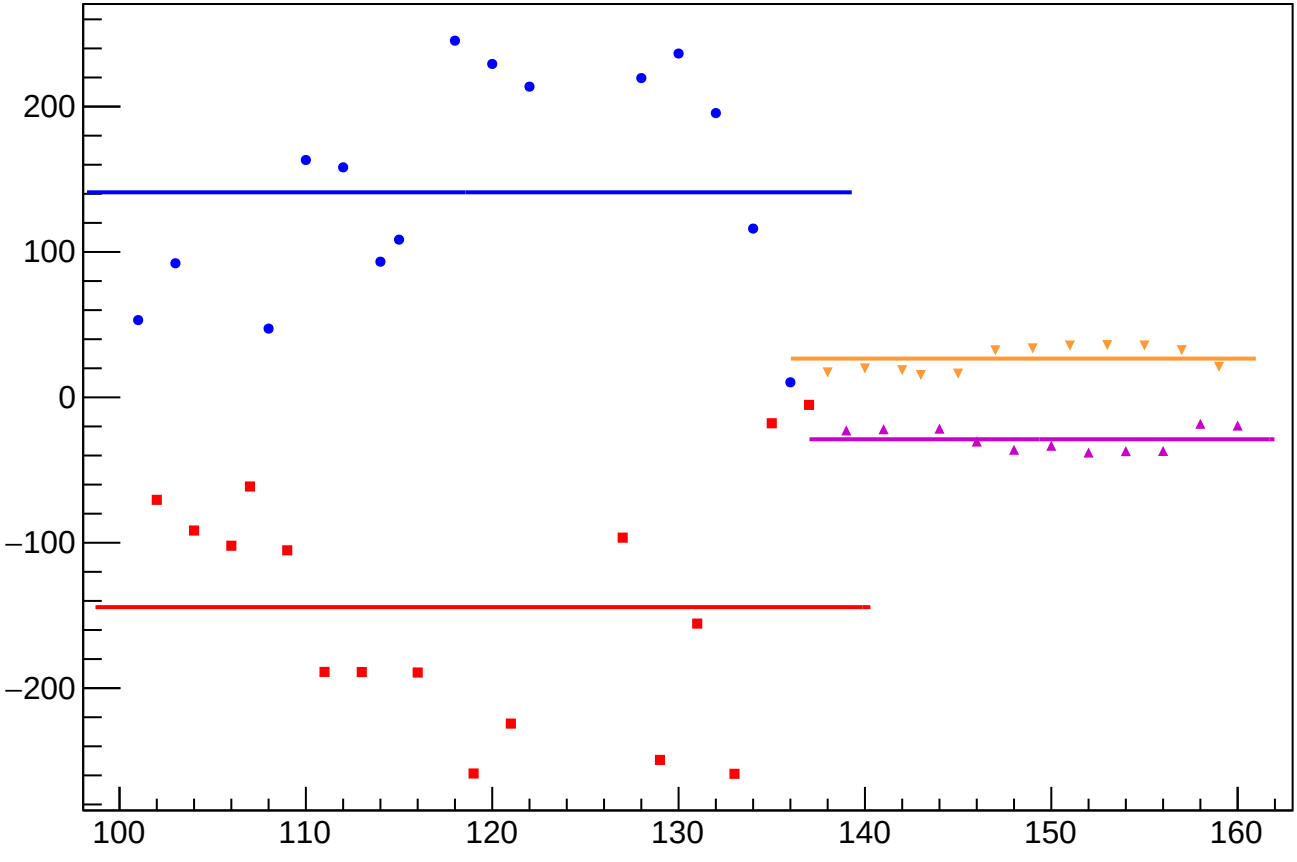
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -1.225+/-0.000 χ^2/NDF: 15294237123103654

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

In: 41.261+/-0.000 χ^2/NDF:15558202913354022

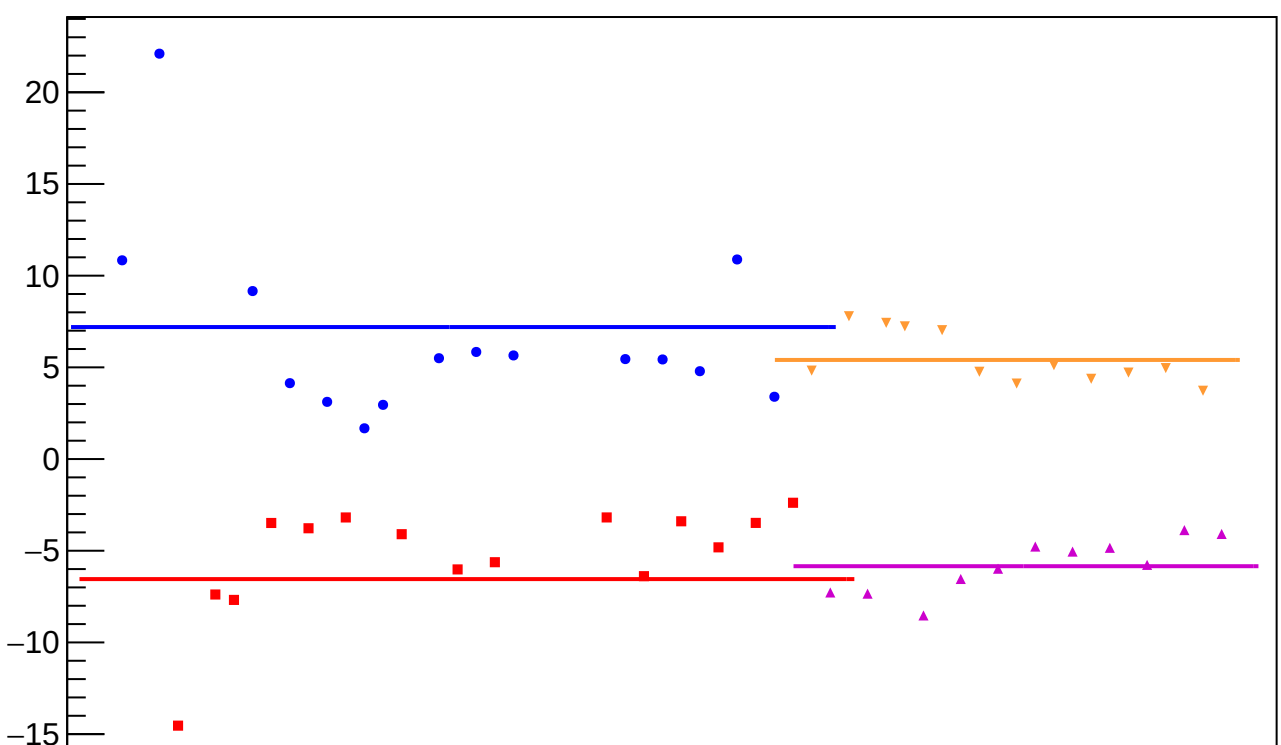
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -45.453+/-0.000 χ^2/NDF:1559993230161443

Left In: -28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

All: -2.206+/-0.000 χ^2/NDF: 3708705323759

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198+/-0.000 χ^2/NDF: 1821264072850278533783196696313856 0.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:1657476673222734549536062415306752.0/11

Right Out: -6.547+/-0.000 χ^2/NDF: 1407891250511606893623080983409 4592.0/15

Left In: -5.843+/-0.000 χ^2/NDF:1832786837102707862400537806766080.0/10

Left: -0.250+/-0.000 χ^2/NDF: 6161814130273038 1

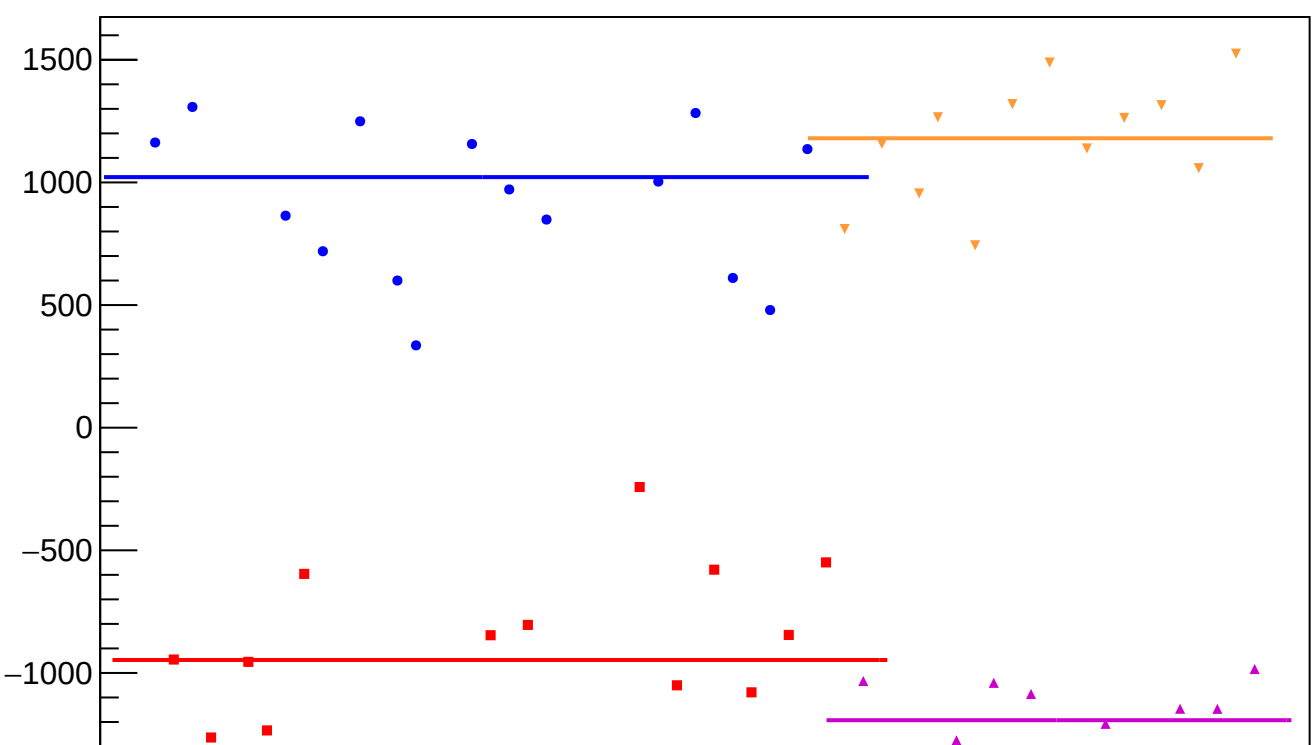
Right: 0.232+/-0.000 χ^2/NDF: 9443088474536779 1

In: -0.463+/-0.000 χ^2/NDF:8488165889201747 35

Out: 0.362+/-0.000 χ^2/NDF:7080864399270327 17

All: -0.049+/-0.000 χ^2/NDF: 1562270252344

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

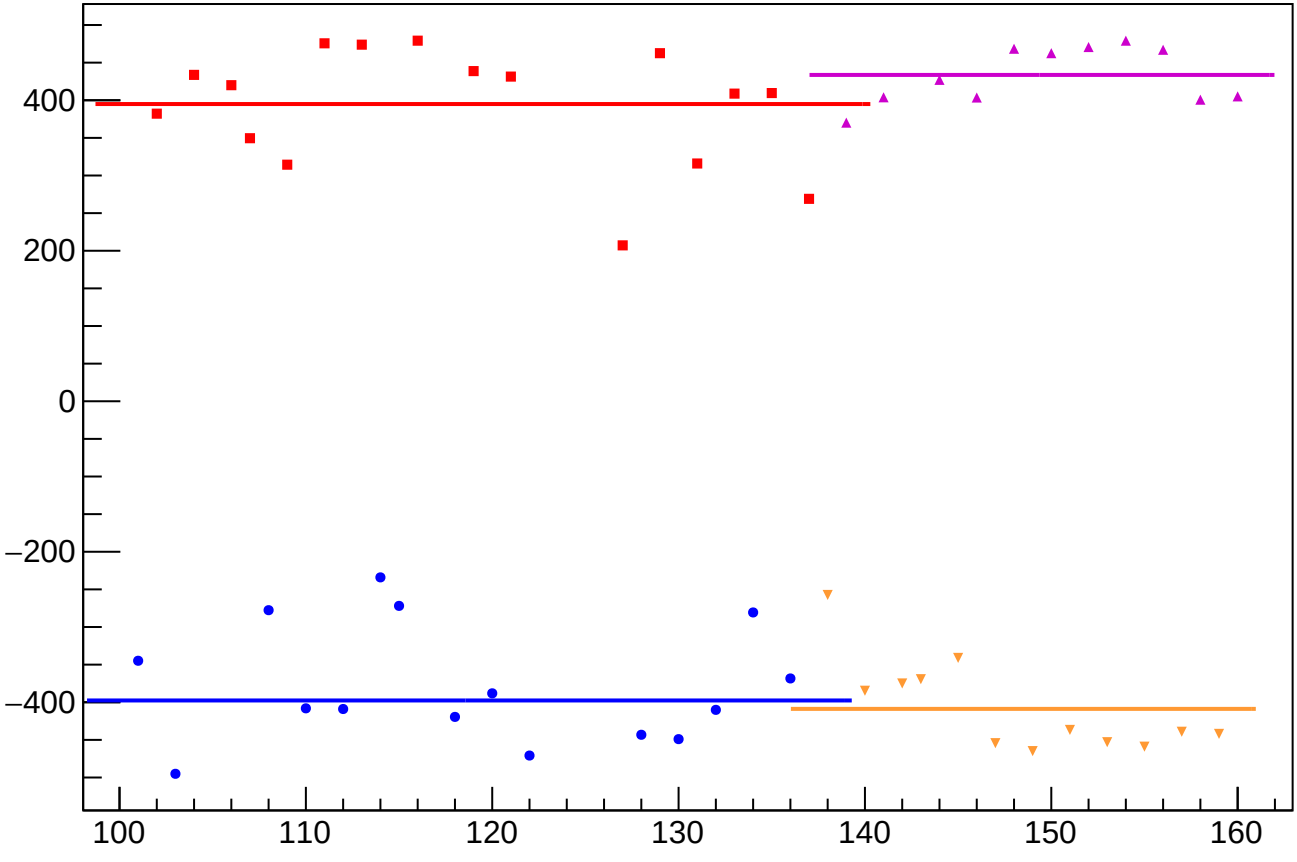
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

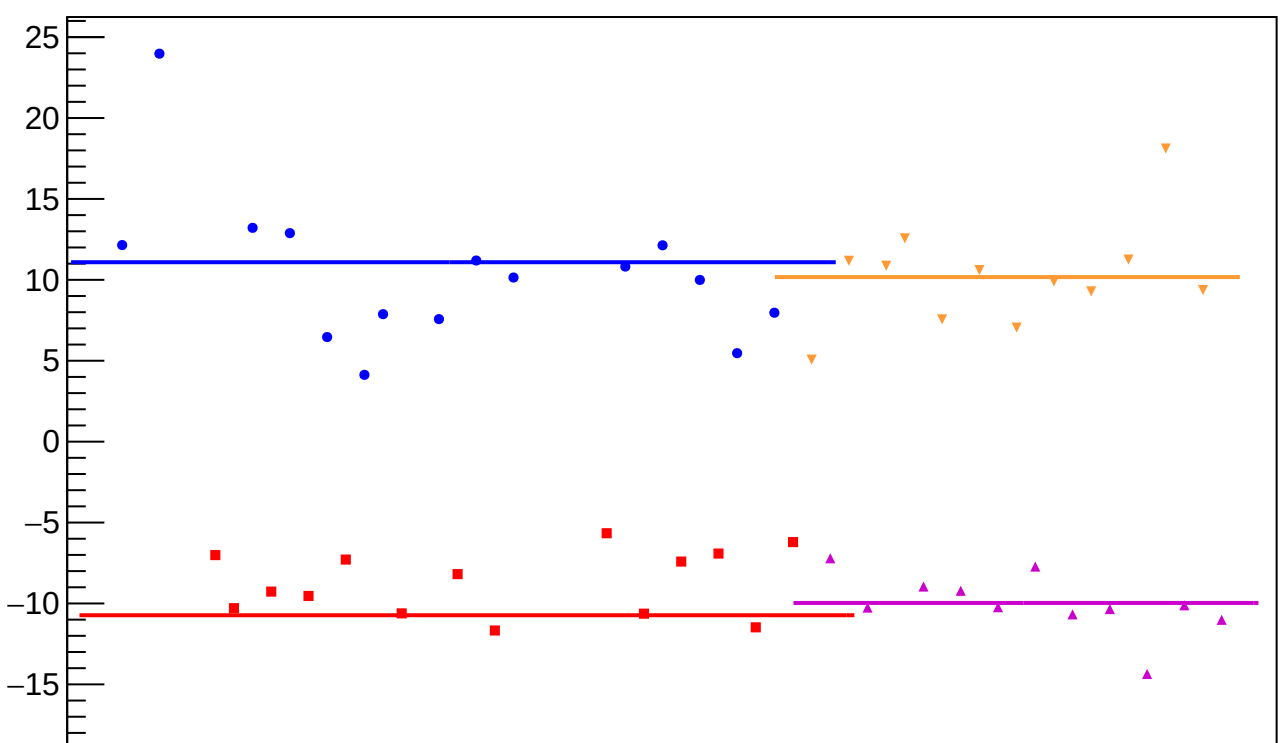
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Left: 14.727+/-0.000 χ^2/NDF: 3306788770143985
Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3
Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11
In: 90.690+/-0.000 χ^2/NDF:267298439260479340
Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15
Out: -69.697+/-0.000 χ^2/NDF:2561673028781217
Left In: 433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10
All: 10.293+/-0.000 χ^2/NDF: 5437489116587

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.046+/-0.000 χ^2/NDF: 19835798282447665

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822 4

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

In: -1.280+/-0.000 χ^2/NDF:1861837973152803 28

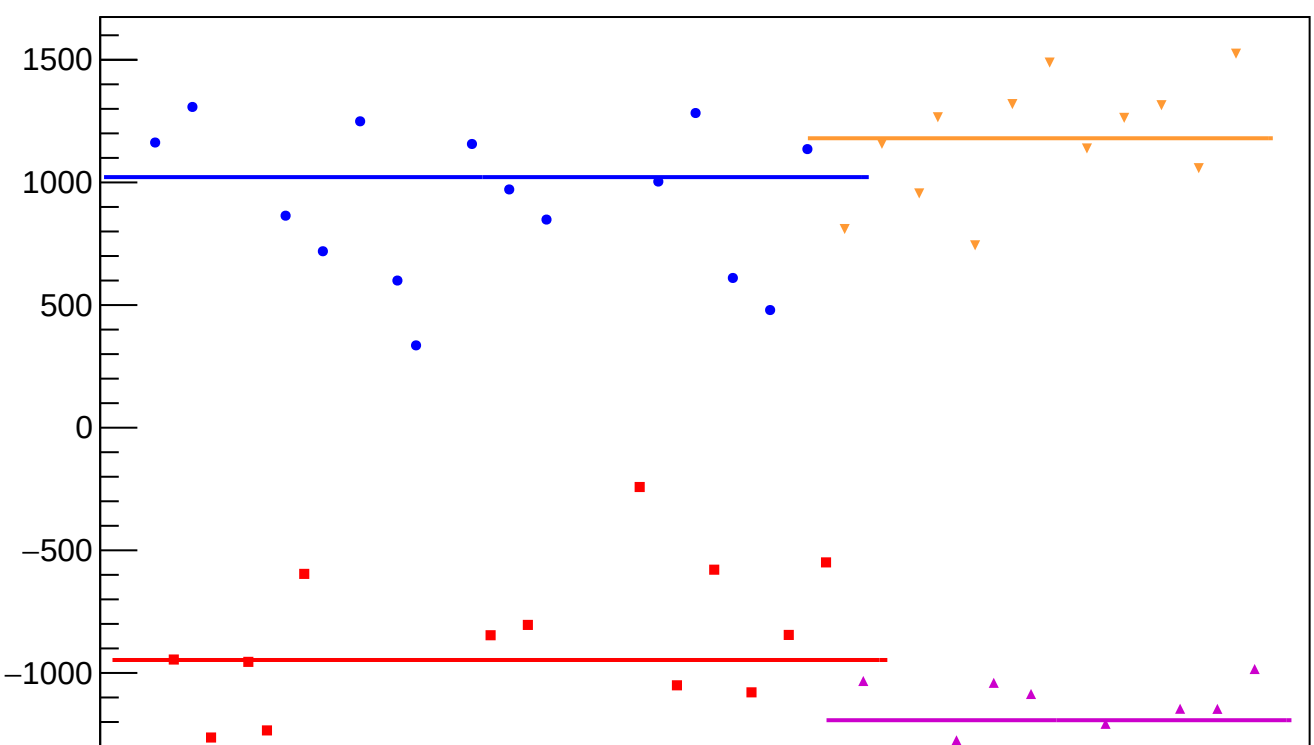
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

Out: 1.354+/-0.000 χ^2/NDF:1922663154658547 31

Left In: -9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

All: 0.040+/-0.000 χ^2/NDF: 3839228456311 8

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

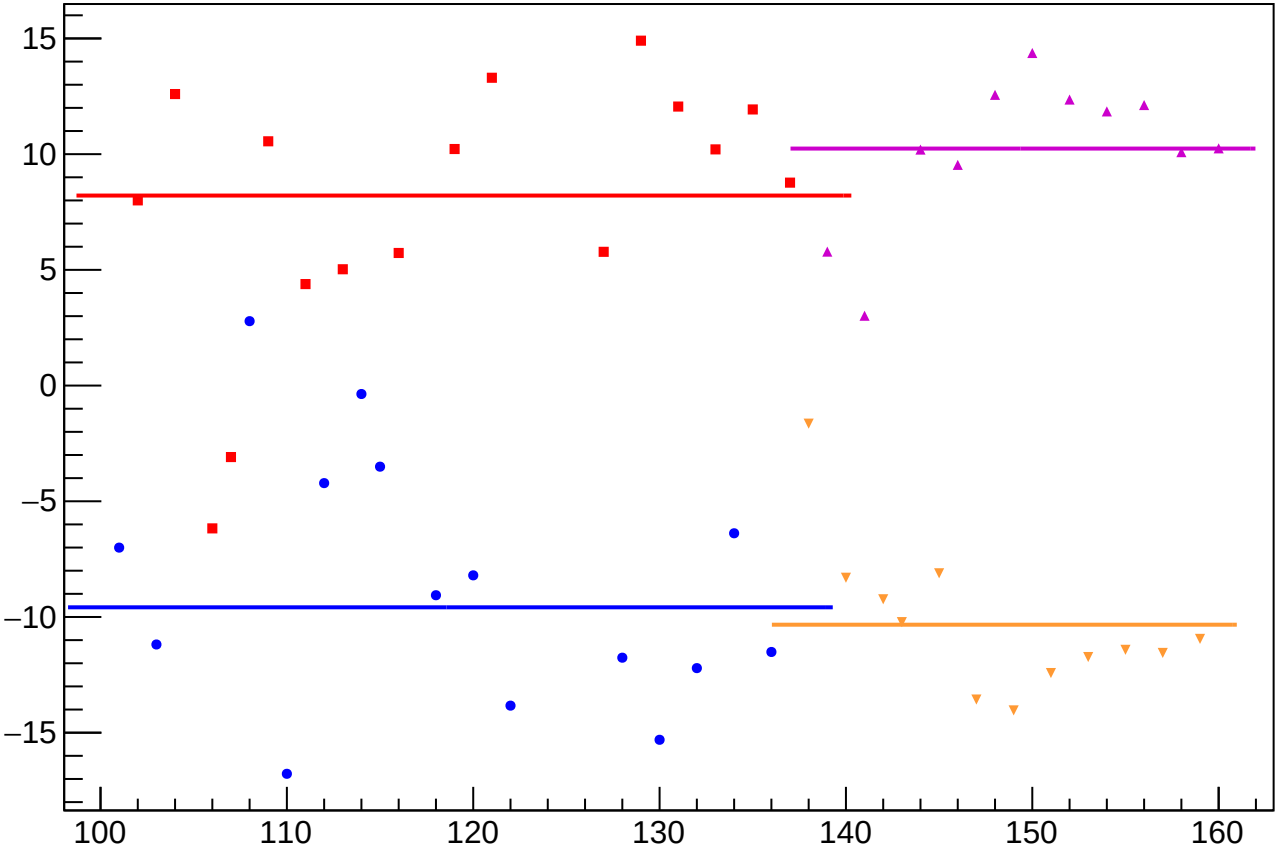
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 21288427185661419

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.333+/-0.000 χ^2/NDF:9377692425026365375047041474887680.0/11

In: 2.062+/-0.000 χ^2/NDF:173509343725026815 6

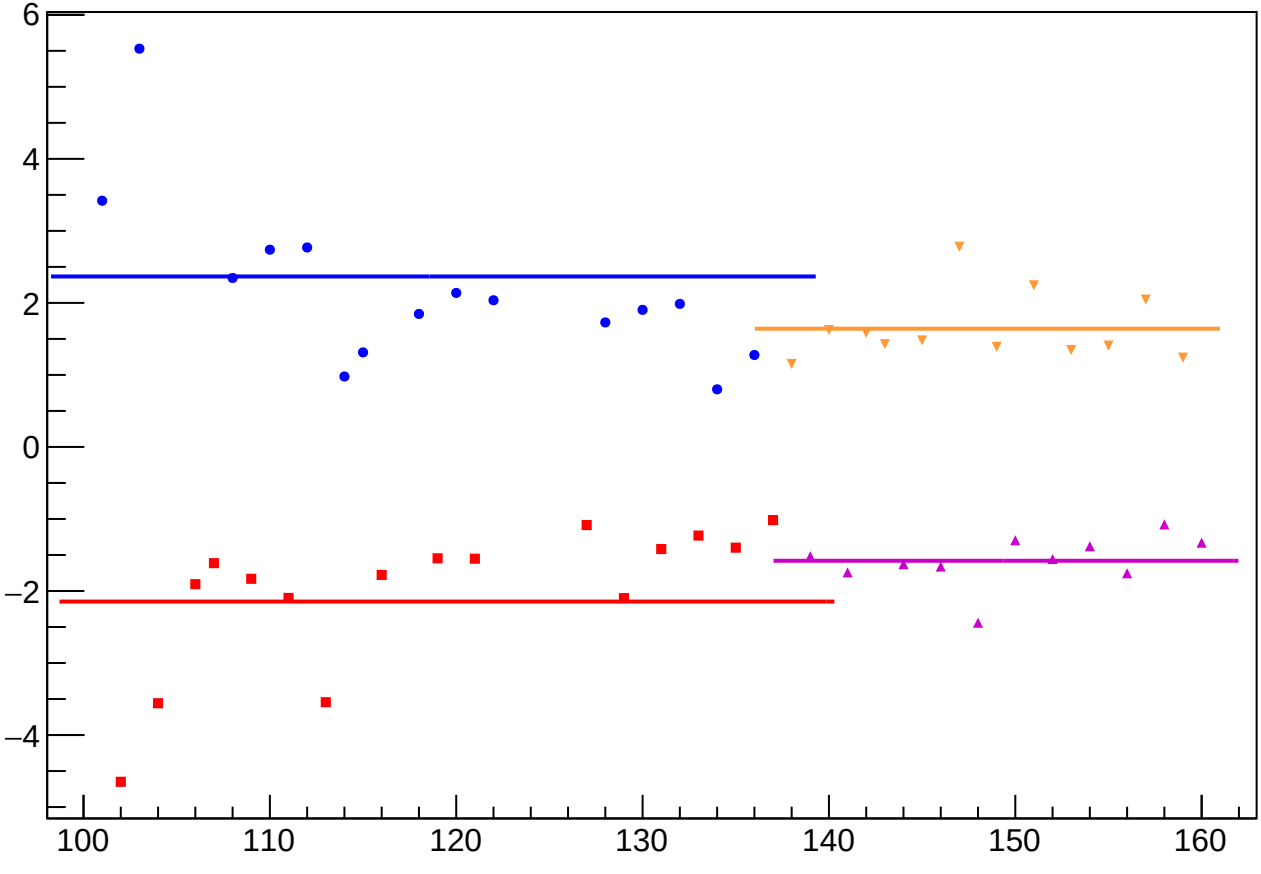
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445 4912.0/15

Out: -2.510+/-0.000 χ^2/NDF:16029265277756400

Left In: 10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

All: -0.229+/-0.000 χ^2/NDF: 3502860386482

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:1958421482260435270399099152629 76.0/11

Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Left In: -1.580+/-0.000 χ^2/NDF:1041598201066898133531717921669 12.0/10

Left: 0.022+/-0.000 χ^2/NDF: 5071287631996029 95

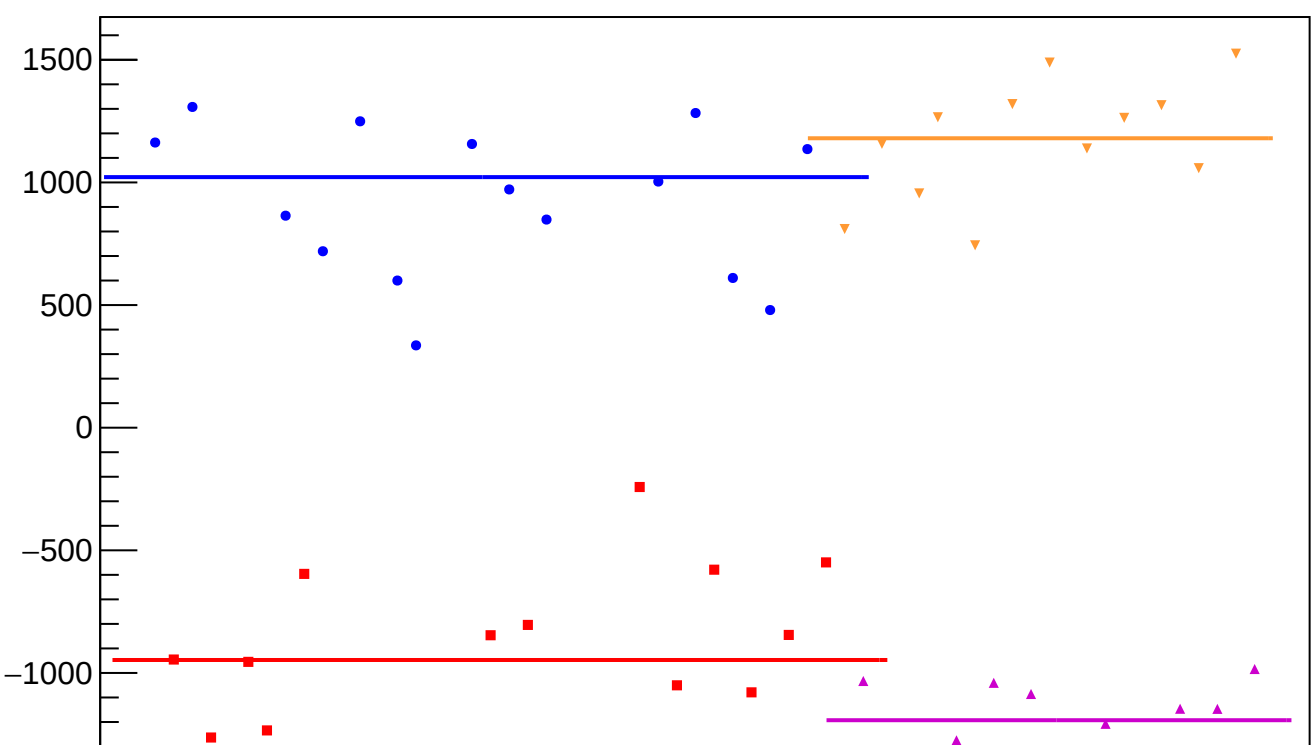
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

In: 0.048+/-0.000 χ^2/NDF:6965293012919252949

Out: 0.043+/-0.000 χ^2/NDF:6496209929578135 24

All: 0.046+/-0.000 χ^2/NDF: 1346152125822 2

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

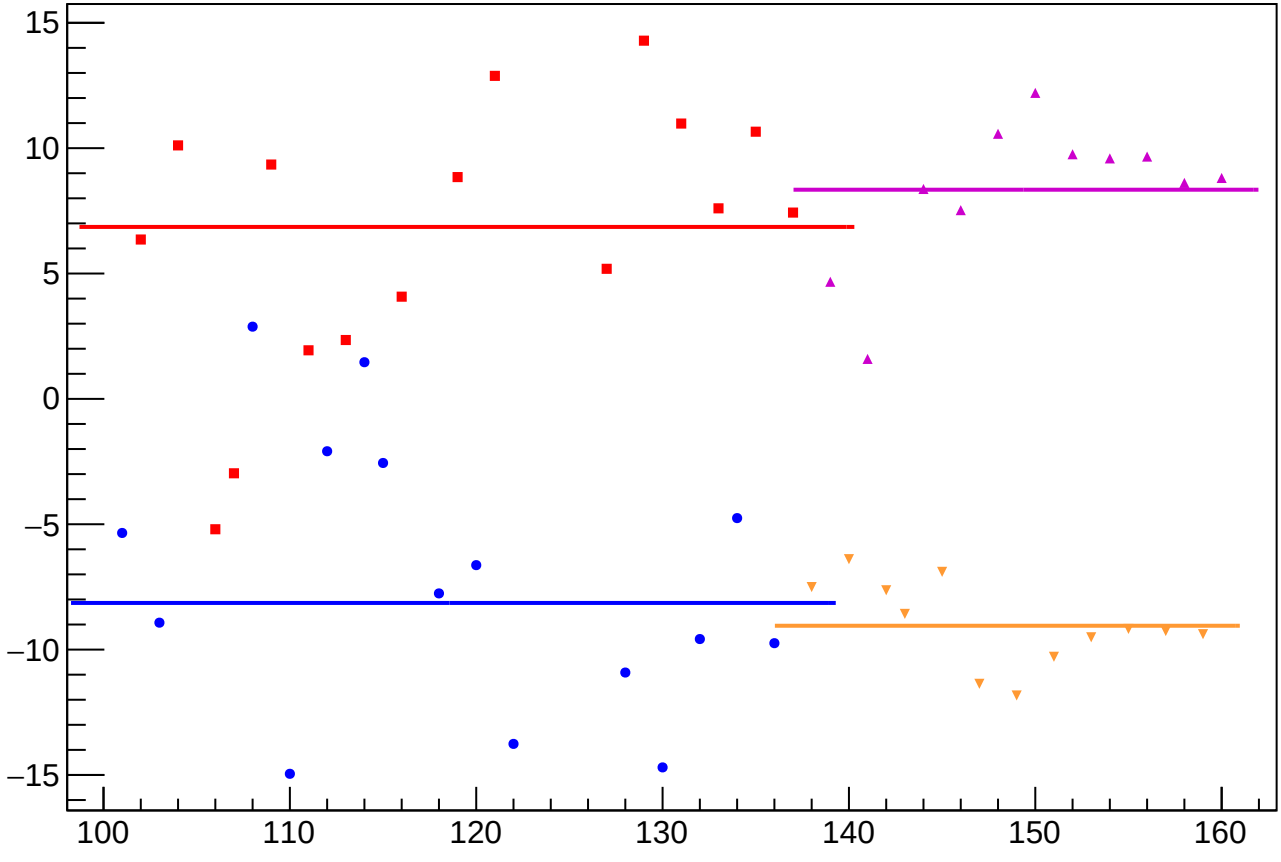
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.306+/-0.000 χ^2/NDF: 14869200131628523

Right In: -8.139+/-0.000 χ^2/NDF: 14676442649222120372533779893321728.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -9.049+/-0.000 χ^2/NDF:24490585061848397921338895011676 16.0/11

In: 1.543+/-0.000 χ^2/NDF:125503787533392226

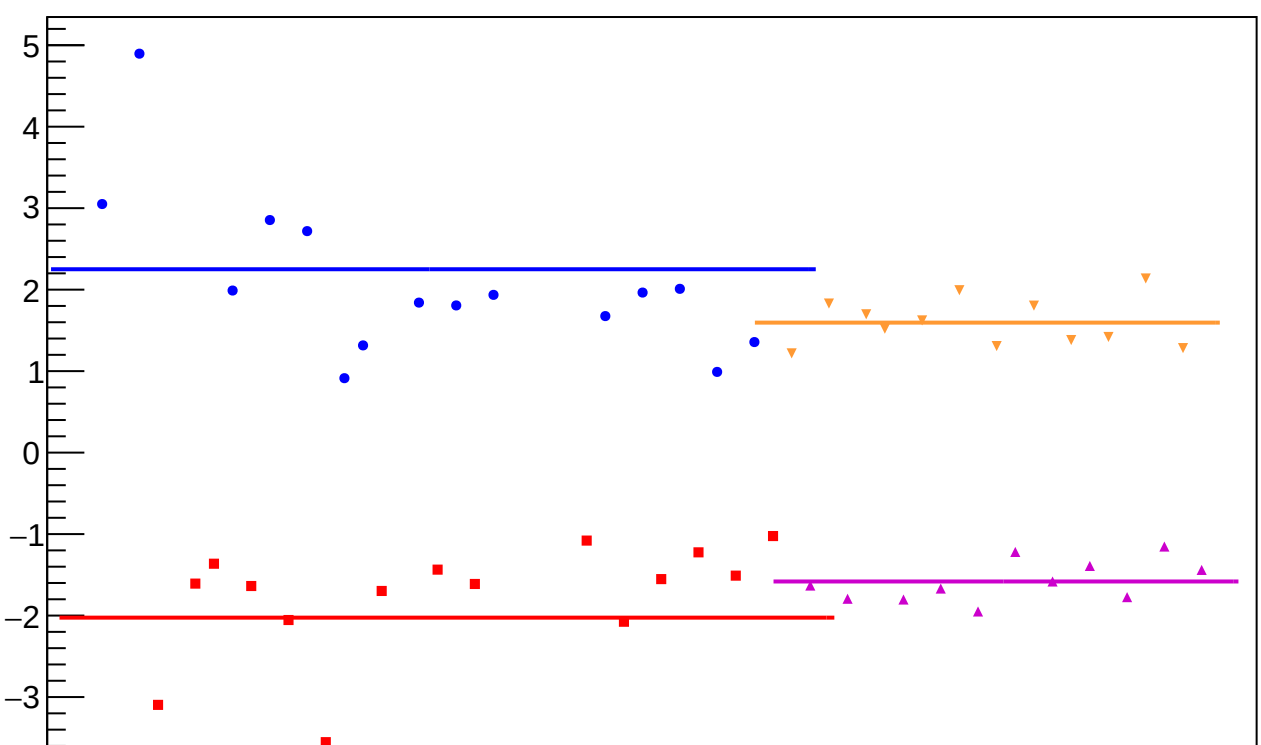
Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

Out: -2.337+/-0.000 χ^2/NDF:11650582915107792

Left In: 8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

All: -0.402+/-0.000 χ^2/NDF: 2538807042517

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.002+/-0.000 χ^2/NDF: 47692091365886523

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Right: 0.083+/-0.000 χ^2/NDF: 7249257967761916 2

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

In: -0.001+/-0.000 χ^2/NDF:6309895304993274 21

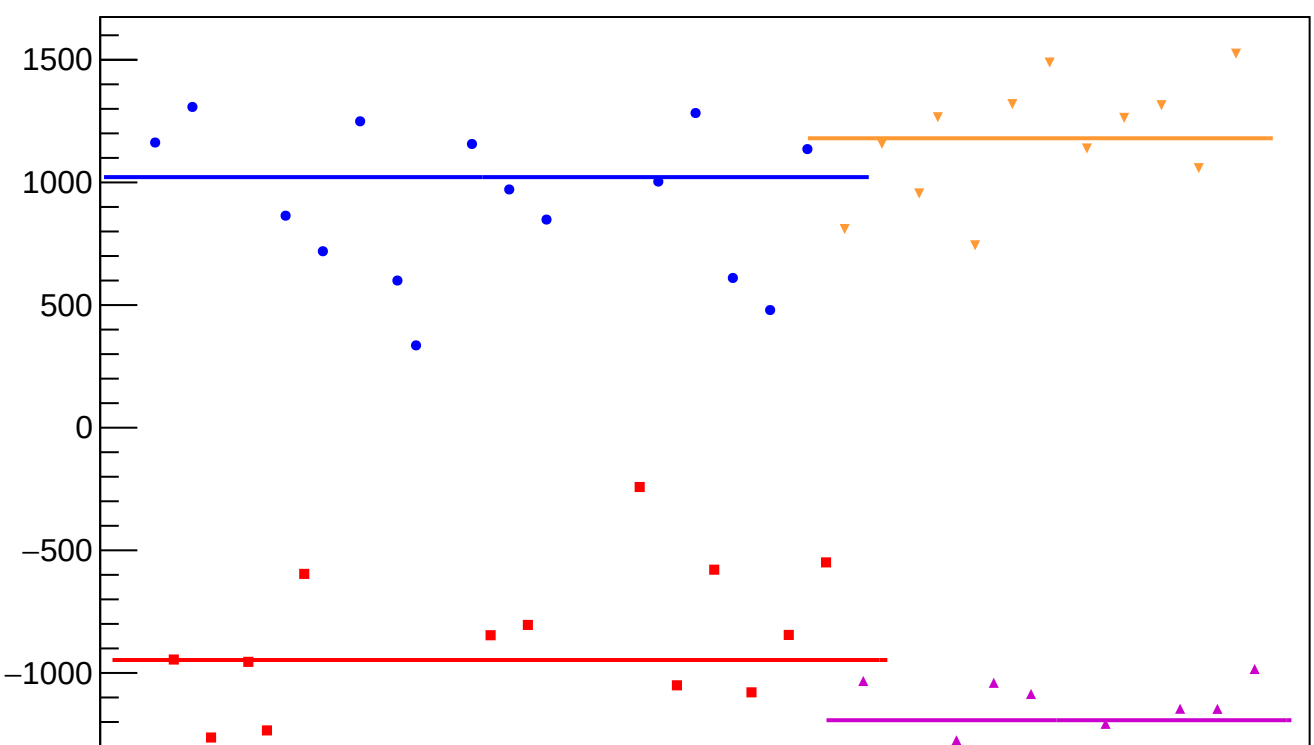
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.068+/-0.000 χ^2/NDF:5710429327761081 99

Left In: -1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

All: 0.034+/-0.000 χ^2/NDF: 1202401440292 9

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

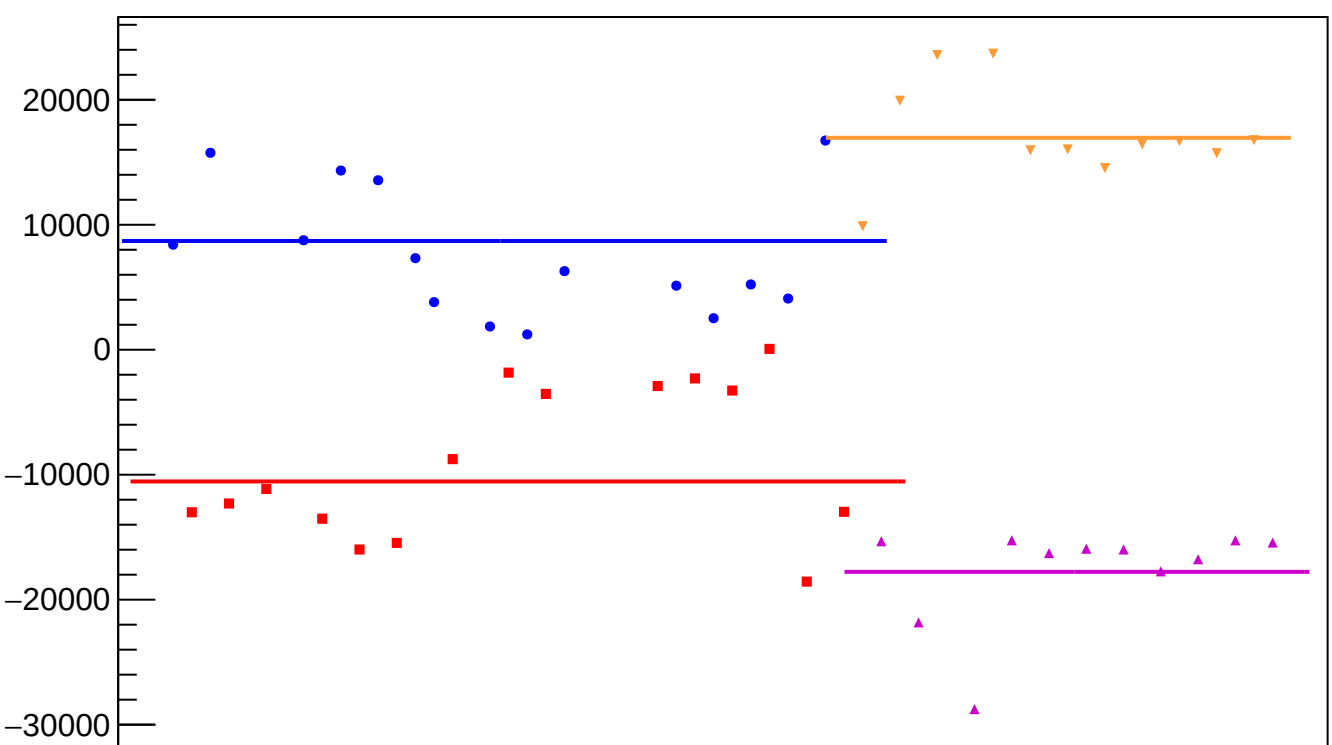
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -1162.779+/-0.000 χ^2/NDF: 55890843498990

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

In: -6849.259+/-0.000 χ^2/NDF:301670600144202

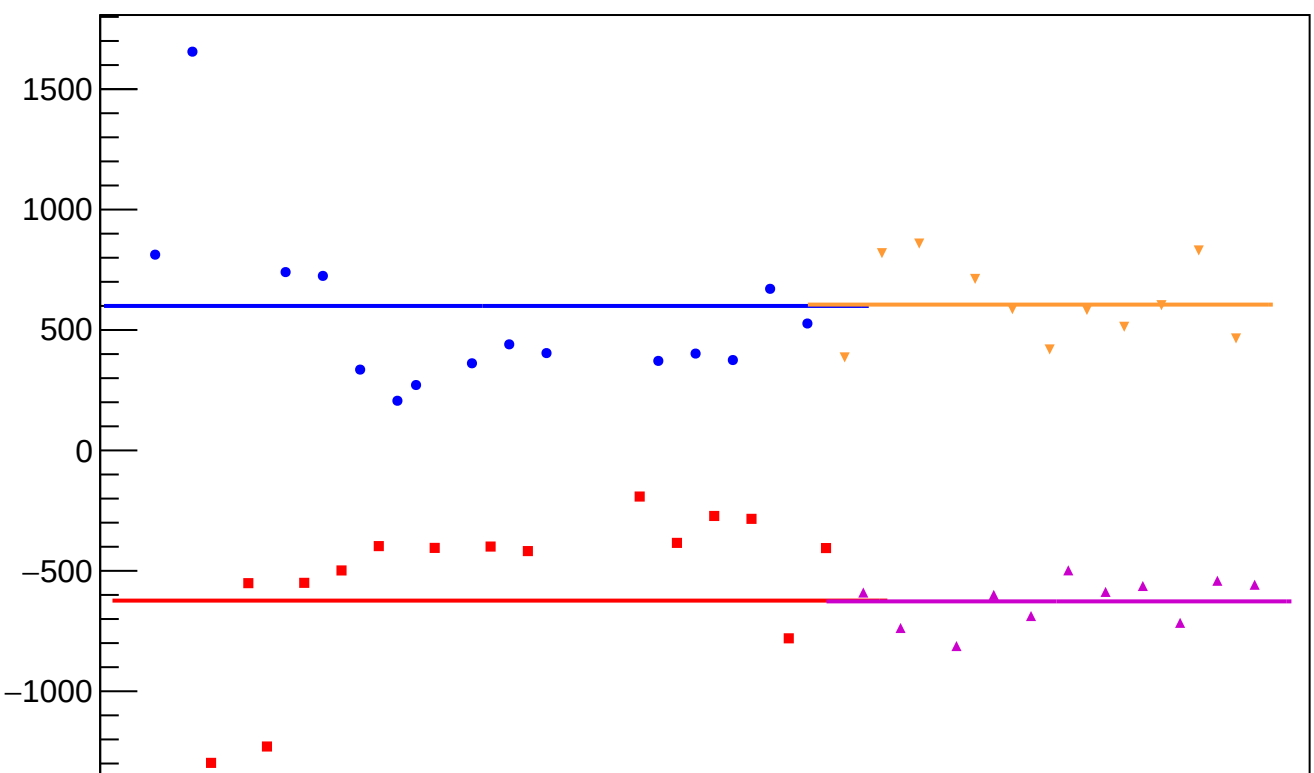
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4843.682+/-0.000 χ^2/NDF:33929574980115 9

Left In: -17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

All: -1114.529+/-0.000 χ^2/NDF: 7464452329

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -37.453+/-0.000 χ^2/NDF: 6997777139470911

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 605.454+/-0.000 χ^2/NDF:2060003669657688968648891386270685593 6.0/10

In: -120.691+/-0.000 χ^2/NDF:6710419743647367

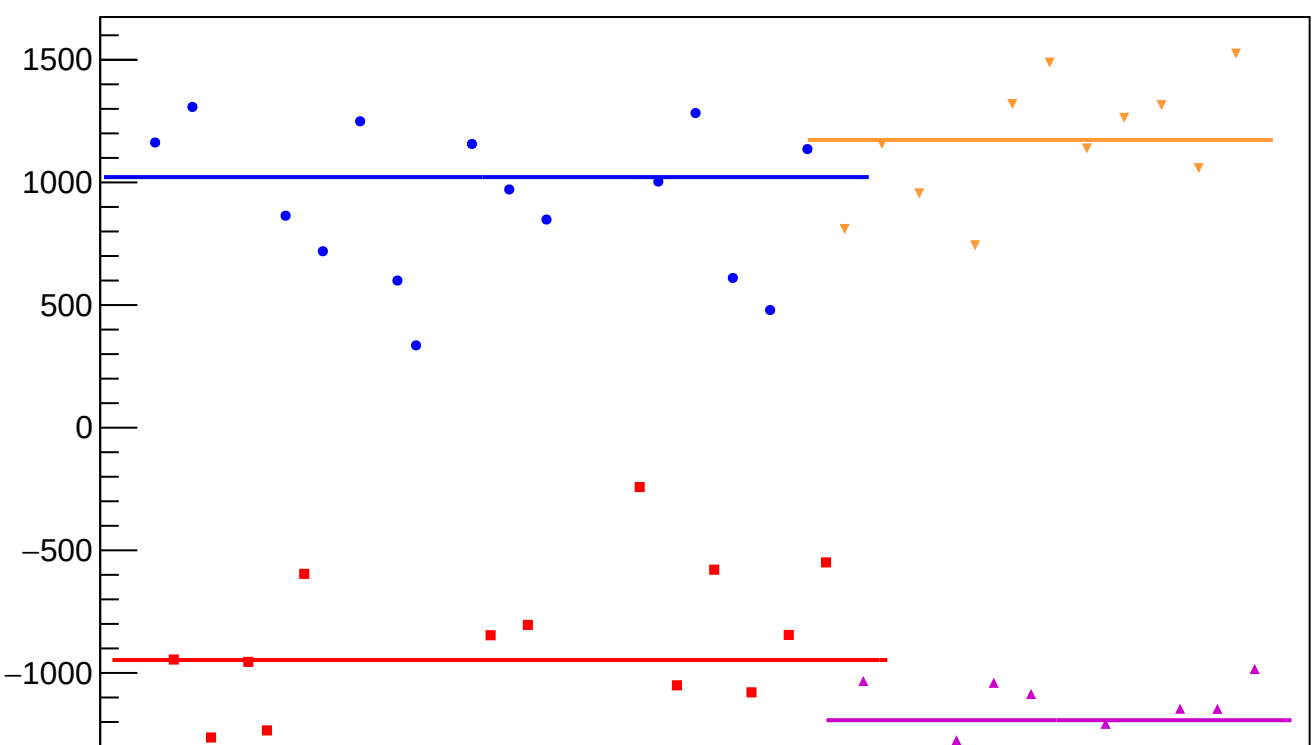
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 64.002+/-0.000 χ^2/NDF:6856908765406279 7

Left In: -626.785+/-0.000 χ^2/NDF:8170989429665370050254275774703992832.0/10

All: -30.110+/-0.000 χ^2/NDF: 138304886705

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -61.112+/-0.000 χ^2/NDF: 2543368931885977

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1173.334+/-0.000 χ^2/NDF:502592256921254396792444427519246991 36.0/10

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

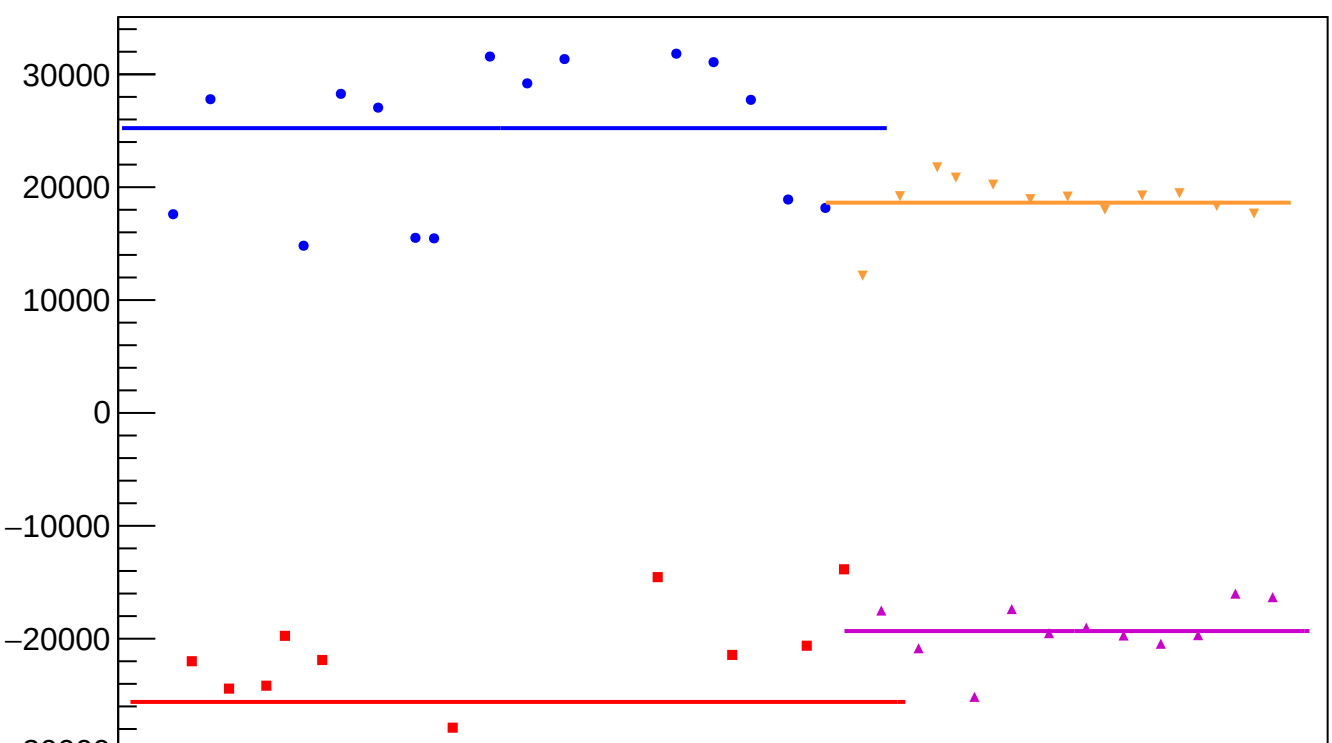
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 239.147+/-0.000 χ^2/NDF:1795887749814407

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: -24.912+/-0.000 χ^2/NDF: 393215150522

dit_usr_coil7_mean vs Slug, Sign Corrected



Left: -449.430+/-0.000 χ^2/NDF: 671887437308897

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Right: -532.226+/-0.000 χ^2/NDF: 89888992461613

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

In: -940.058+/-0.000 χ^2/NDF:7868508361919144

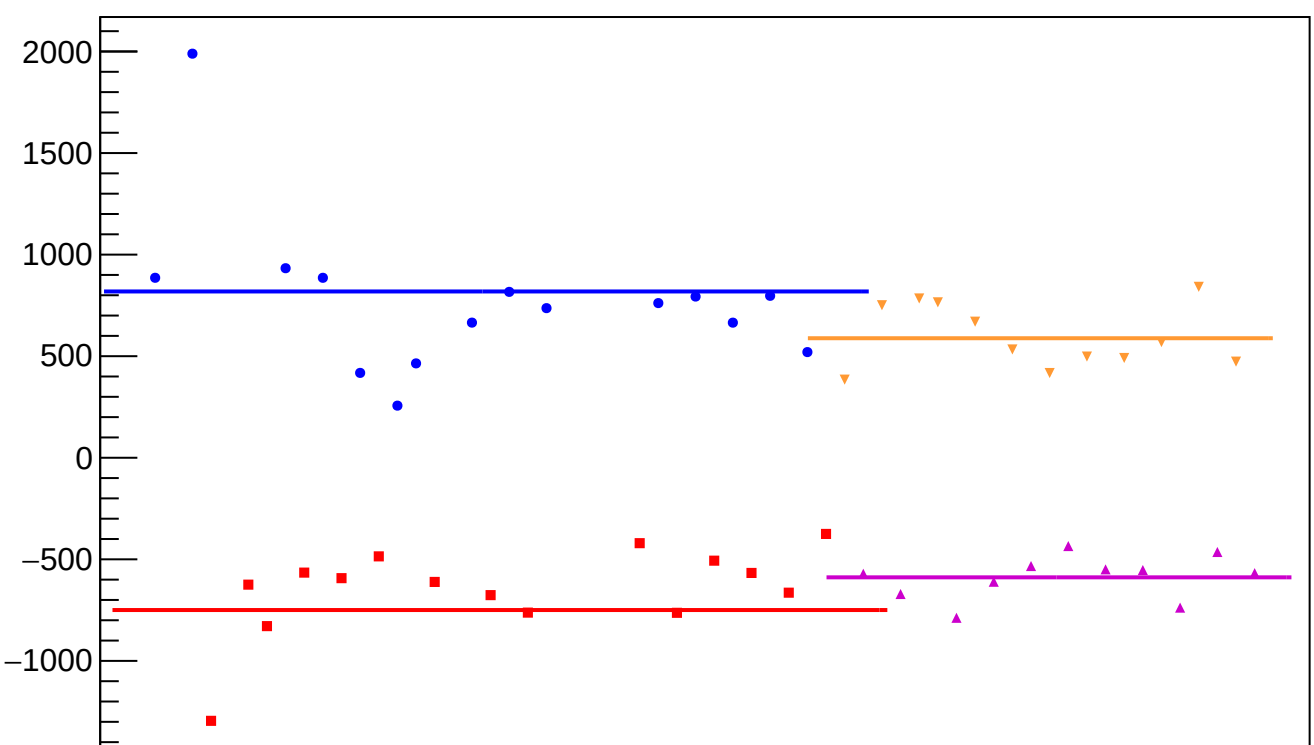
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -30.202+/-0.000 χ^2/NDF:7832790364927991

Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

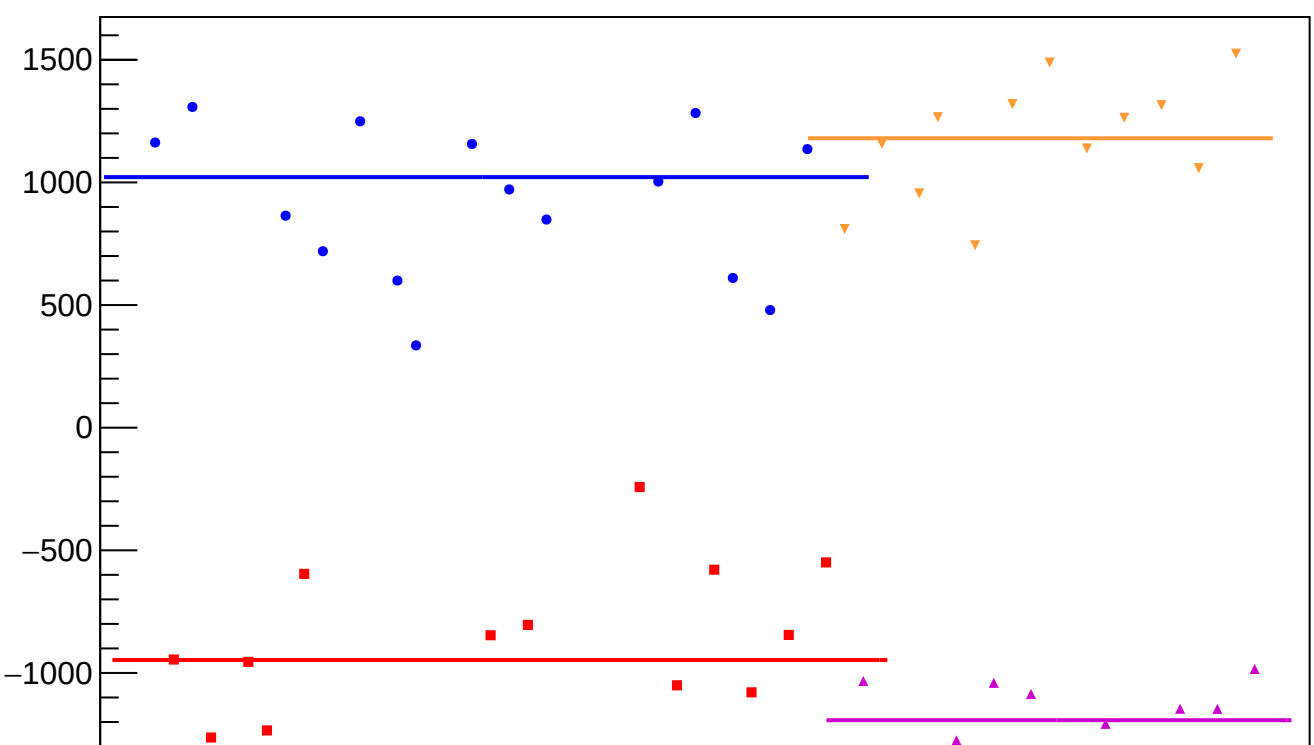
All: -483.976+/-0.000 χ^2/NDF: 15707826192

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: -3.353+/-0.000 χ^2/NDF: 66659527229300677
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811379 2.0/11
In: -8.034+/-0.000 χ^2/NDF:870601201099148606
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
Out: 23.887+/-0.000 χ^2/NDF:7884100997883068 9
Left In: -588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10
All: 7.967+/-0.000 χ^2/NDF: 1659814713315 5

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

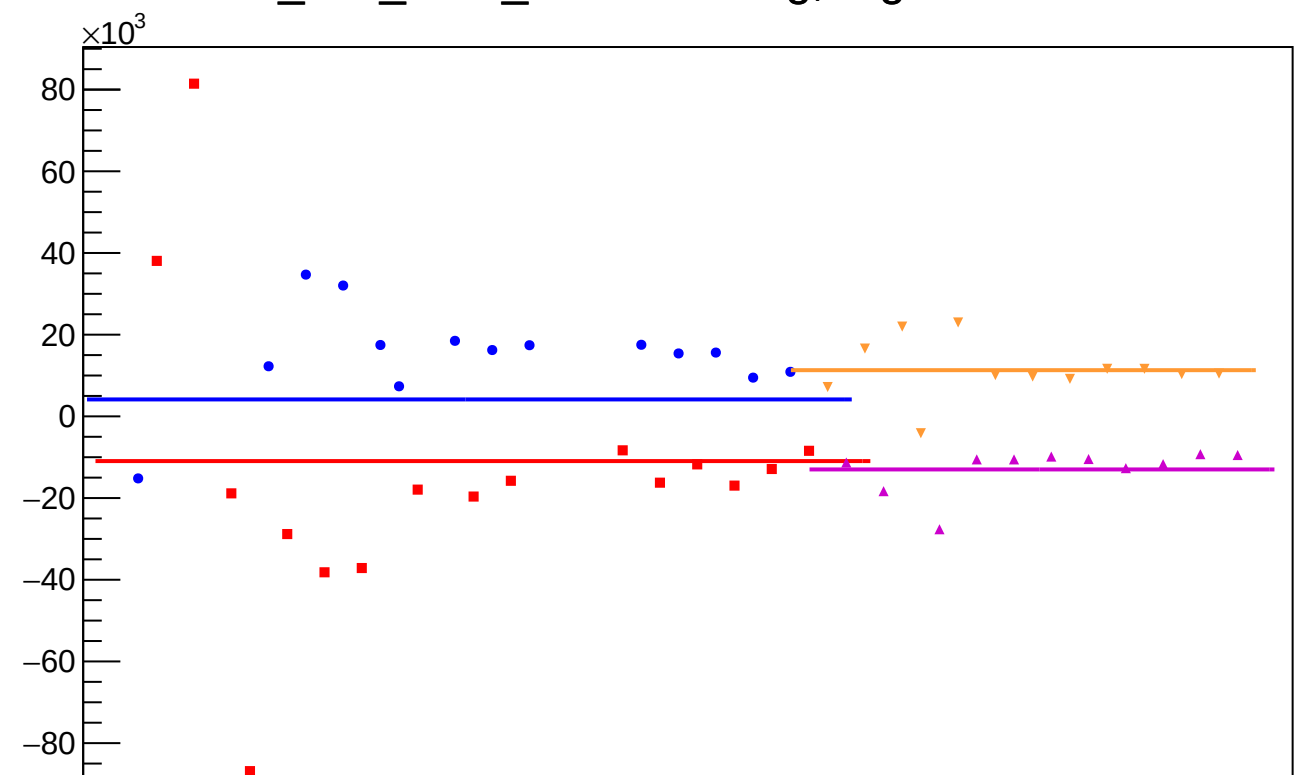
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -909.343+/-0.000 χ^2/NDF: 334047502497759

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

In: -5922.694+/-0.000 χ^2/NDF:902084767732052

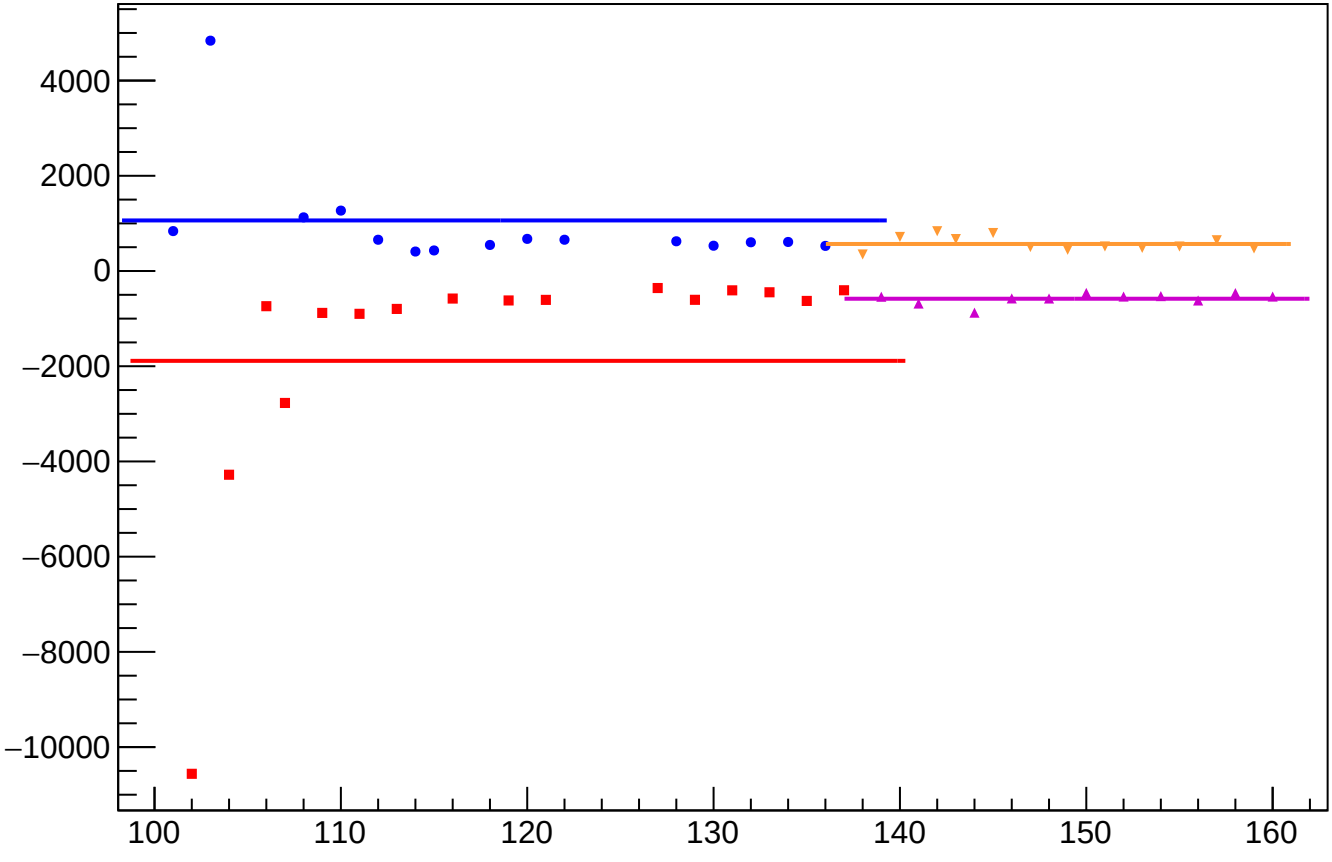
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

Out: 1918.368+/-0.000 χ^2/NDF:110122853896245

Left In: -12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

All: -1992.219+/-0.000 χ^2/NDF: 2051791747

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: -10.469+/-0.000 χ^2/NDF: 6372083040457971

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

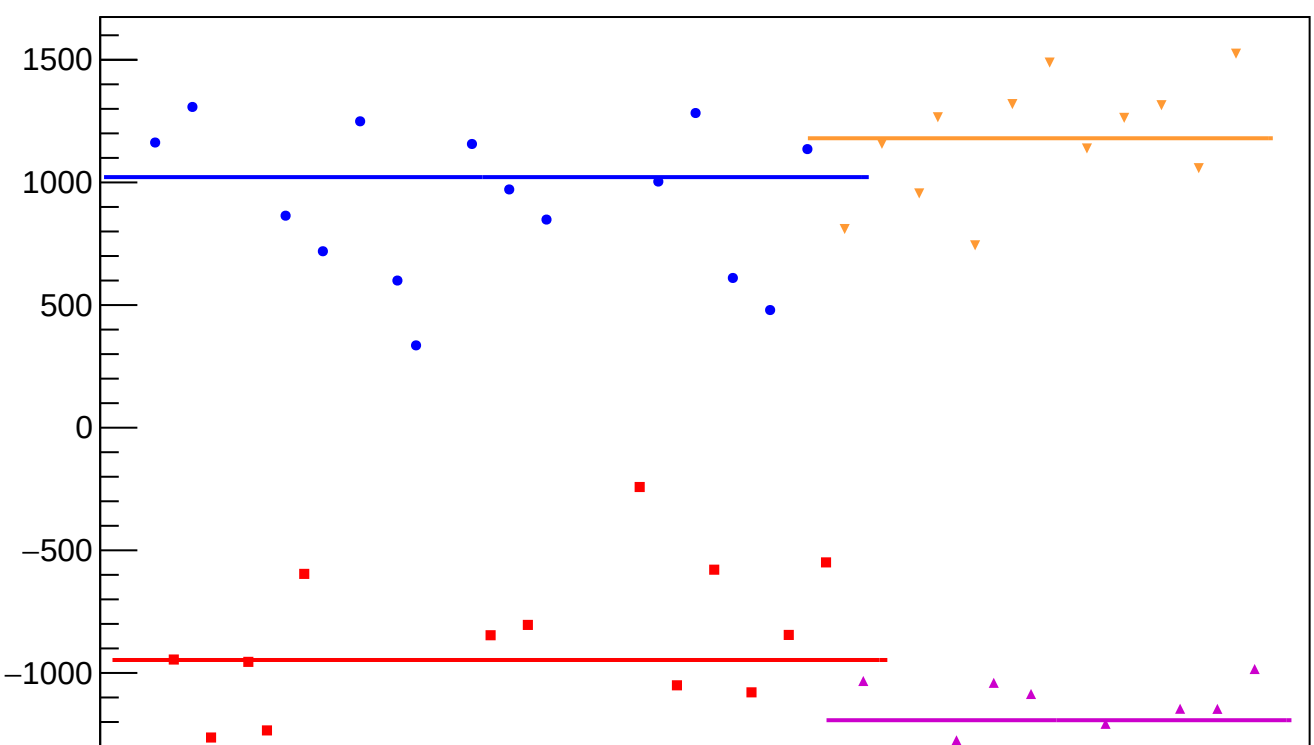
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -467.914+/-0.000 χ^2/NDF:786707402720723

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962 4064.0/10

All: -186.618+/-0.000 χ^2/NDF: 1011363817 1

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

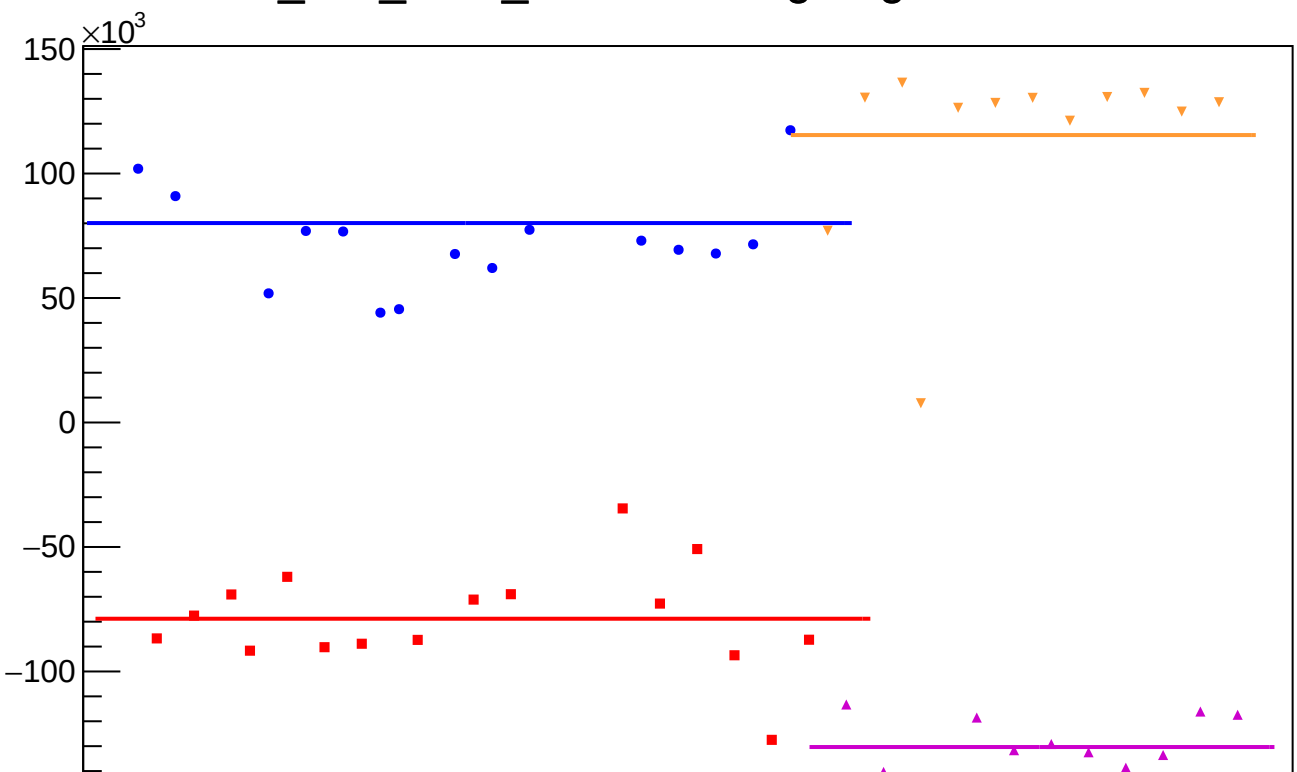
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -8117.324+/-0.000 χ^2/NDF: 28946961702695

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11

In: -43517.739+/-0.000 χ^2/NDF:17286902459469

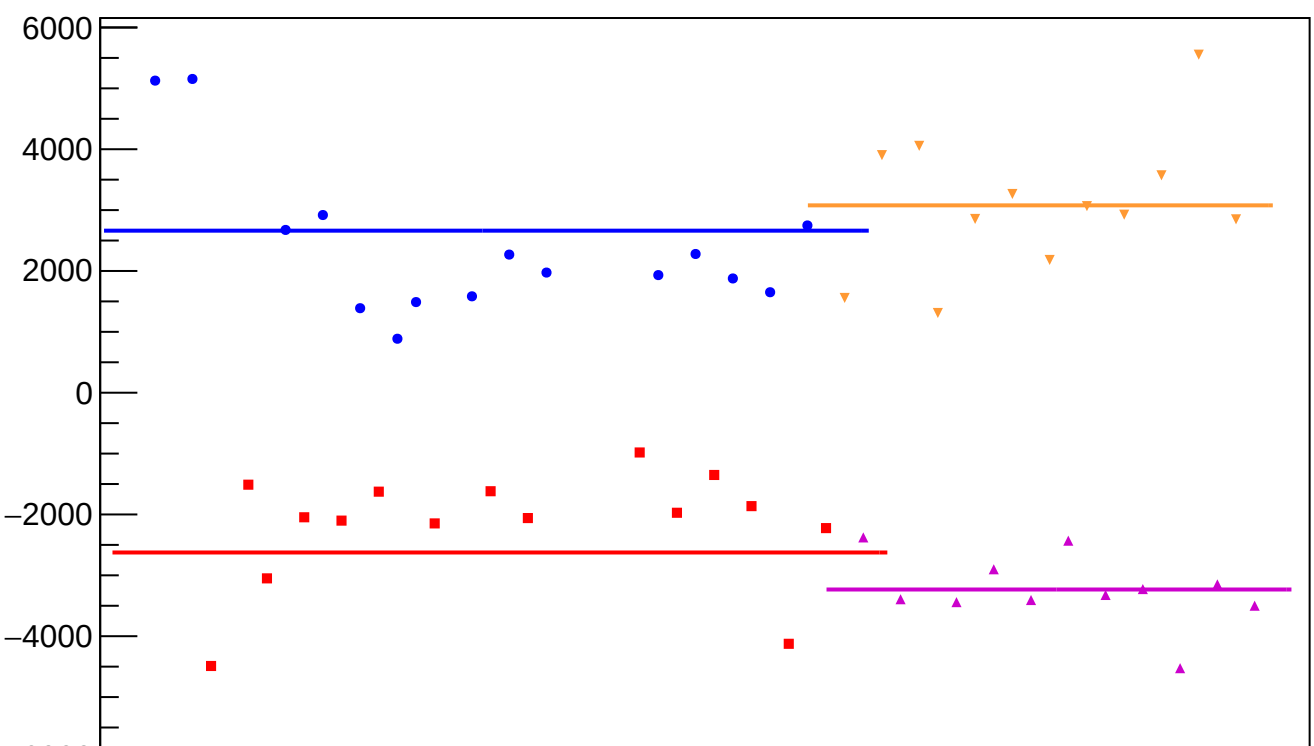
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 33491.542+/-0.000 χ^2/NDF:15877058488272

Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

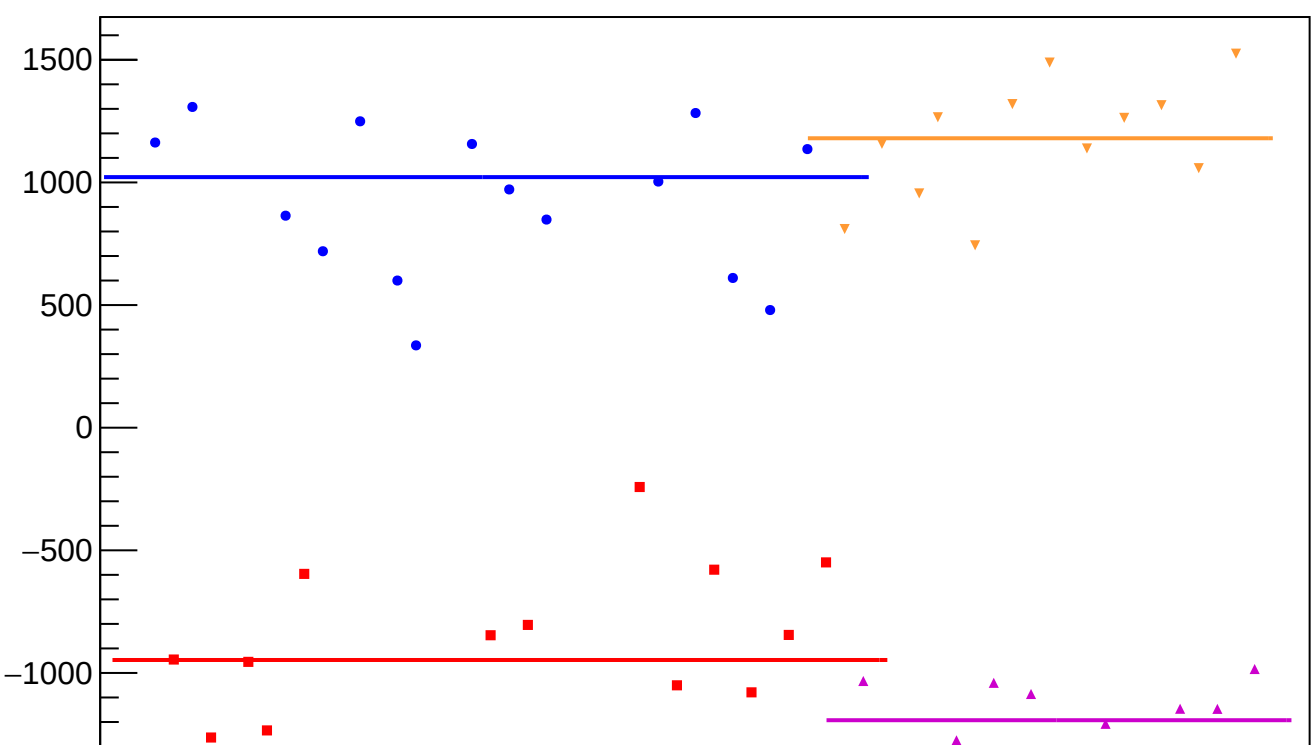
All: -4915.433+/-0.000 χ^2/NDF: 3784007443

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -94.635+/-0.000 χ^2/NDF: 1964916620255589
Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14
Right: -17.413+/-0.000 χ^2/NDF: 117922842657675
Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11
In: -800.651+/-0.000 χ^2/NDF:1455555206694384
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15
Out: 672.087+/-0.000 χ^2/NDF:1518026118358382
Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10
All: -62.414+/-0.000 χ^2/NDF: 314460236947

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

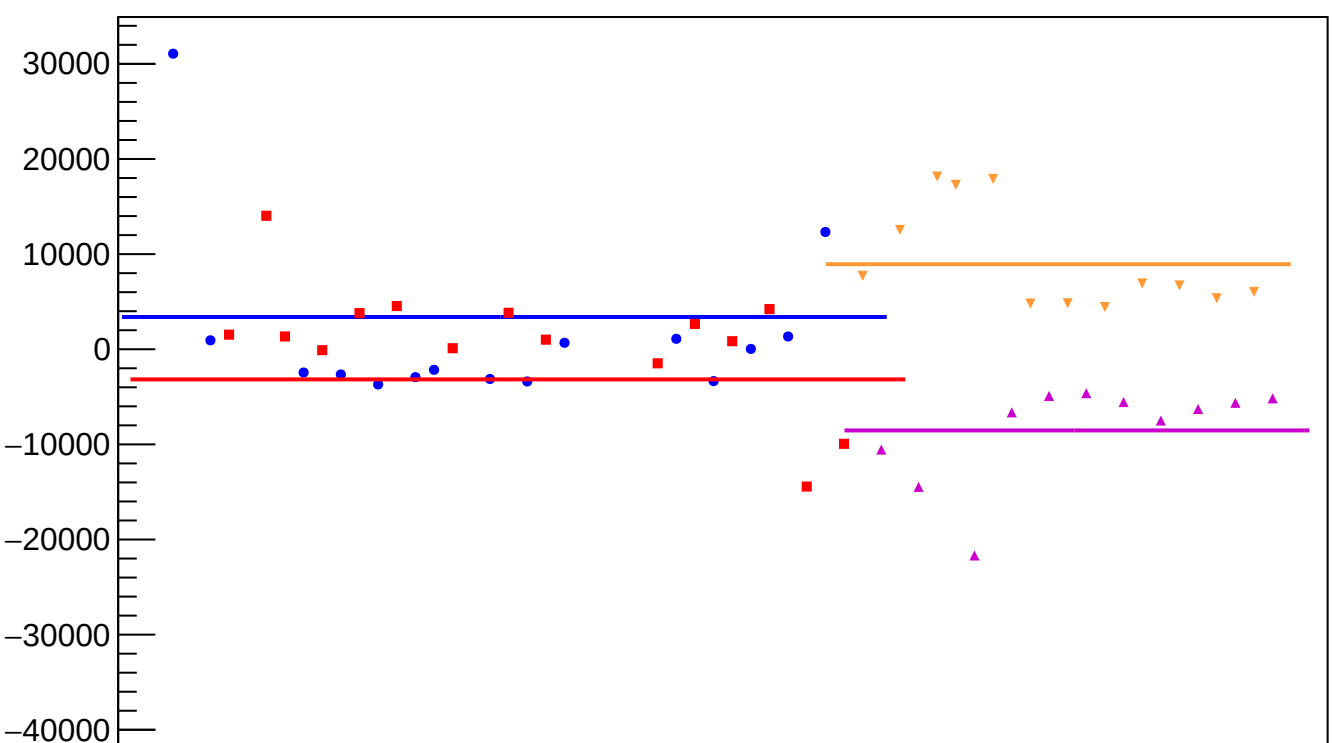
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: 156.909+/-0.000 χ^2/NDF: 1873655199537507

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 8941.712+/-0.000 χ^2/NDF:2275754272352997686292418962883726435942 4.0/11

In: -3613.388+/-0.000 χ^2/NDF:144369798447171

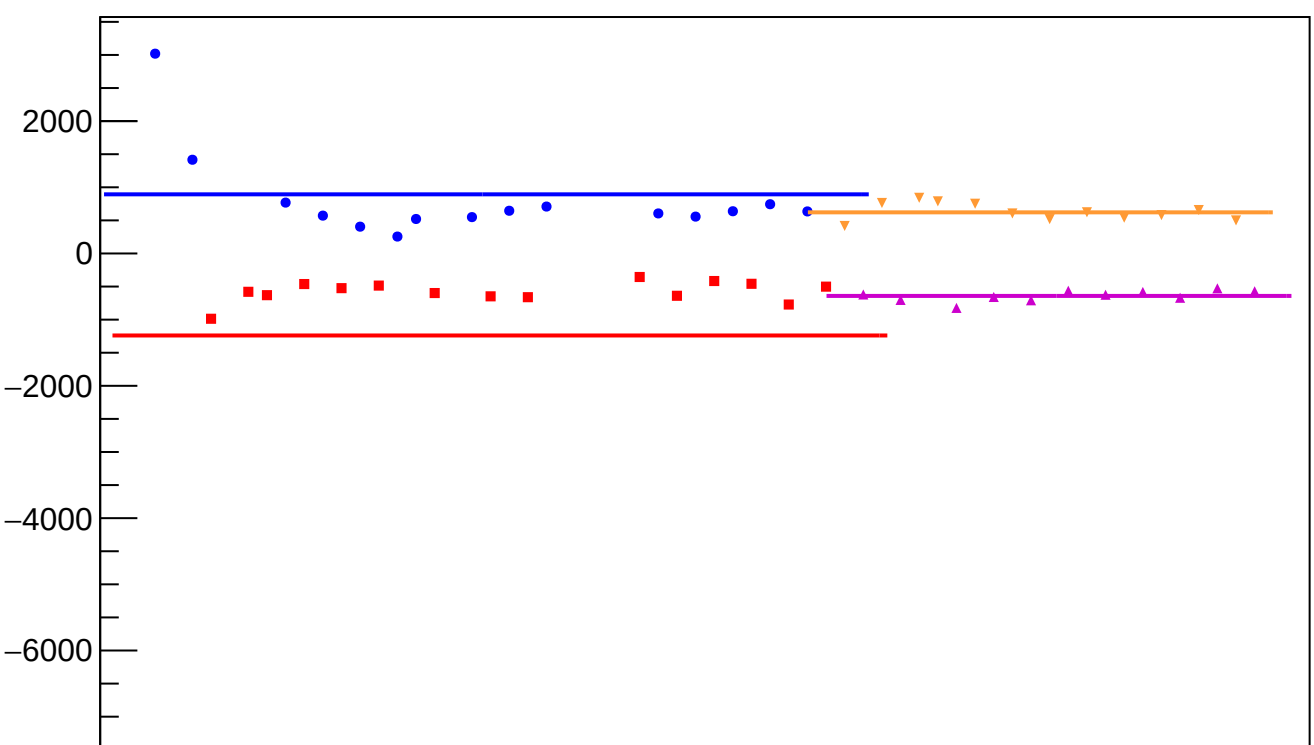
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3833.063+/-0.000 χ^2/NDF:217052558141828

Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10

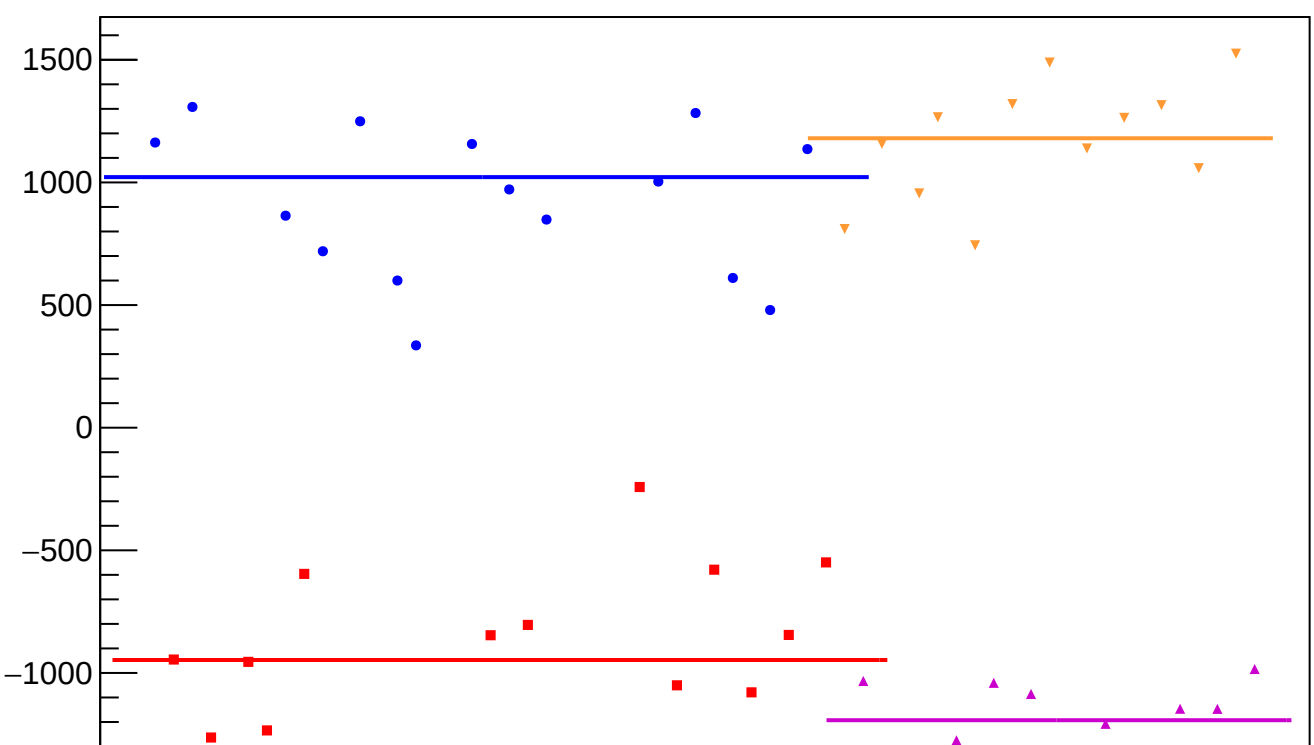
All: 119.281+/-0.000 χ^2/NDF: 40514411289 8

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: -13.483+/-0.000 χ^2/NDF: 7520936396903635
Right In: 893.683+/-0.000 χ^2/NDF: 334583619078631008932404228227359309824.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 621.395+/-0.000 χ^2/NDF:132207613490335953911830349302558883 84.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
Out: -163.603+/-0.000 χ^2/NDF:431923837770575
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -86.047+/-0.000 χ^2/NDF: 557740460848

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

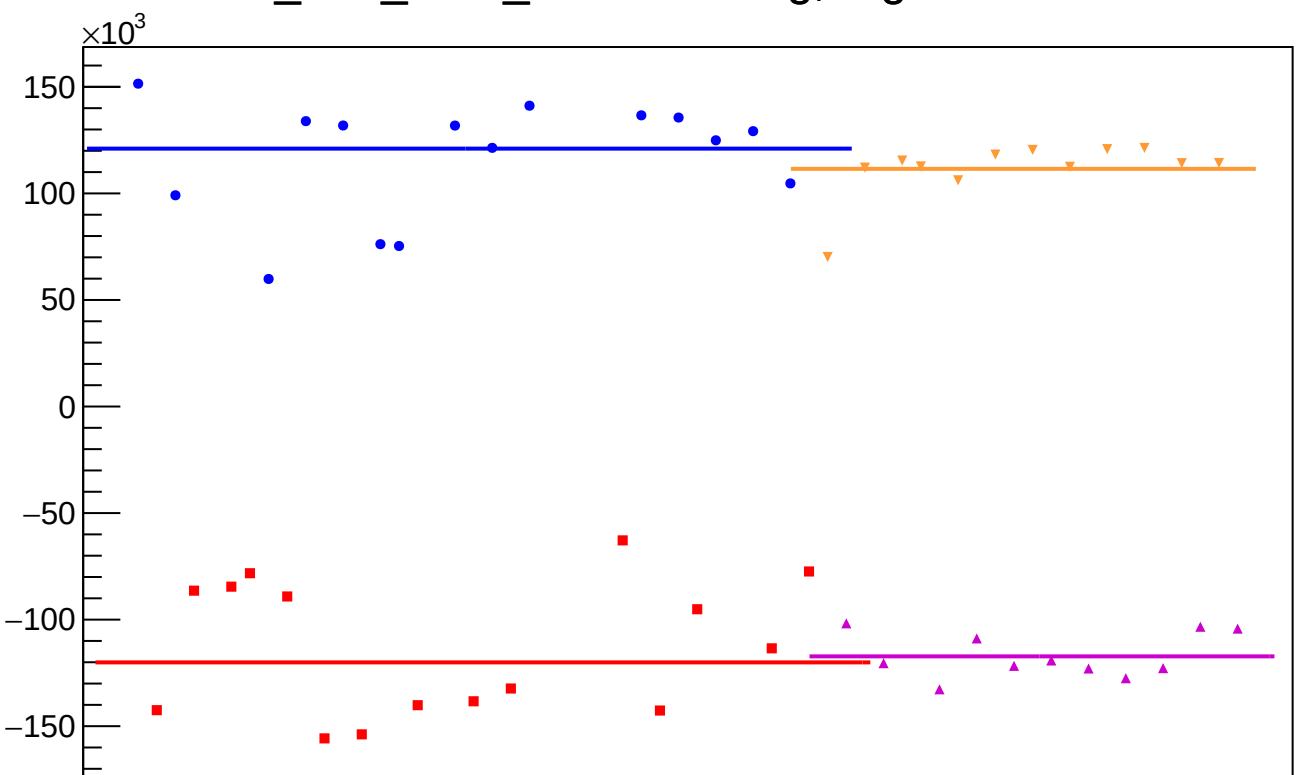
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

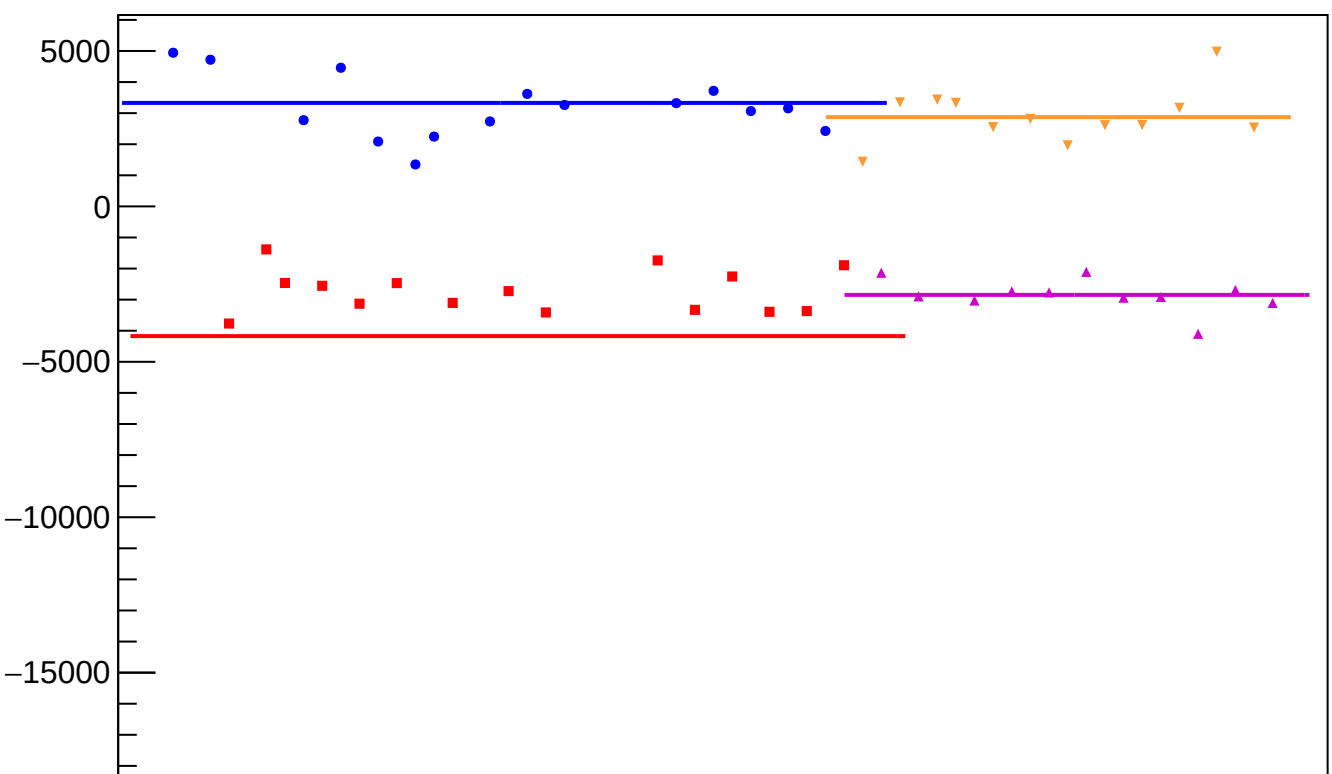
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -3475.224+/-0.000 χ^2/NDF: 24302392391152
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111531.681+/-0.000 χ^2/NDF:162724299829921950370834246417372913074176.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13826.359+/-0.000 χ^2/NDF:21672960026826
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2513.712+/-0.000 χ^2/NDF: 4461091057

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: -2.554+/-0.000 χ^2/NDF: 15921502408931202

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

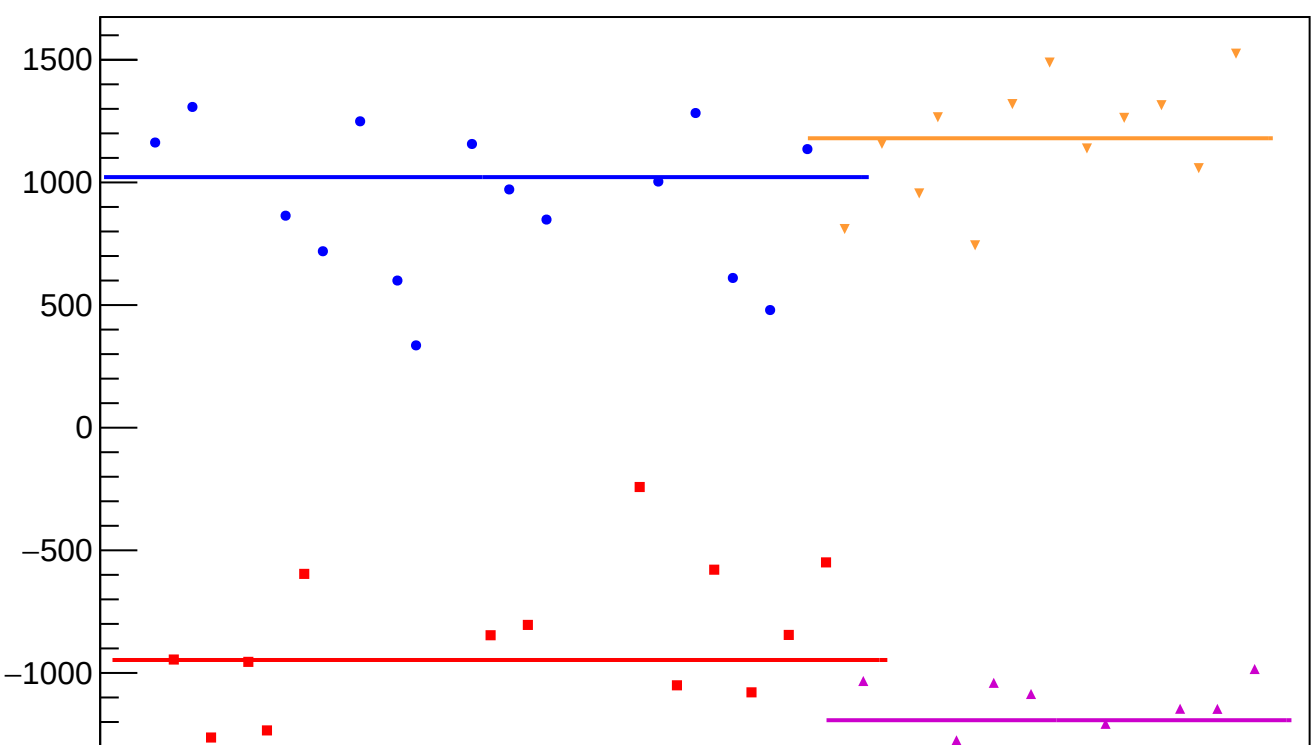
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -100.034+/-0.000 χ^2/NDF:333048130531602

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.965+/-0.000 χ^2/NDF: 48673924762

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

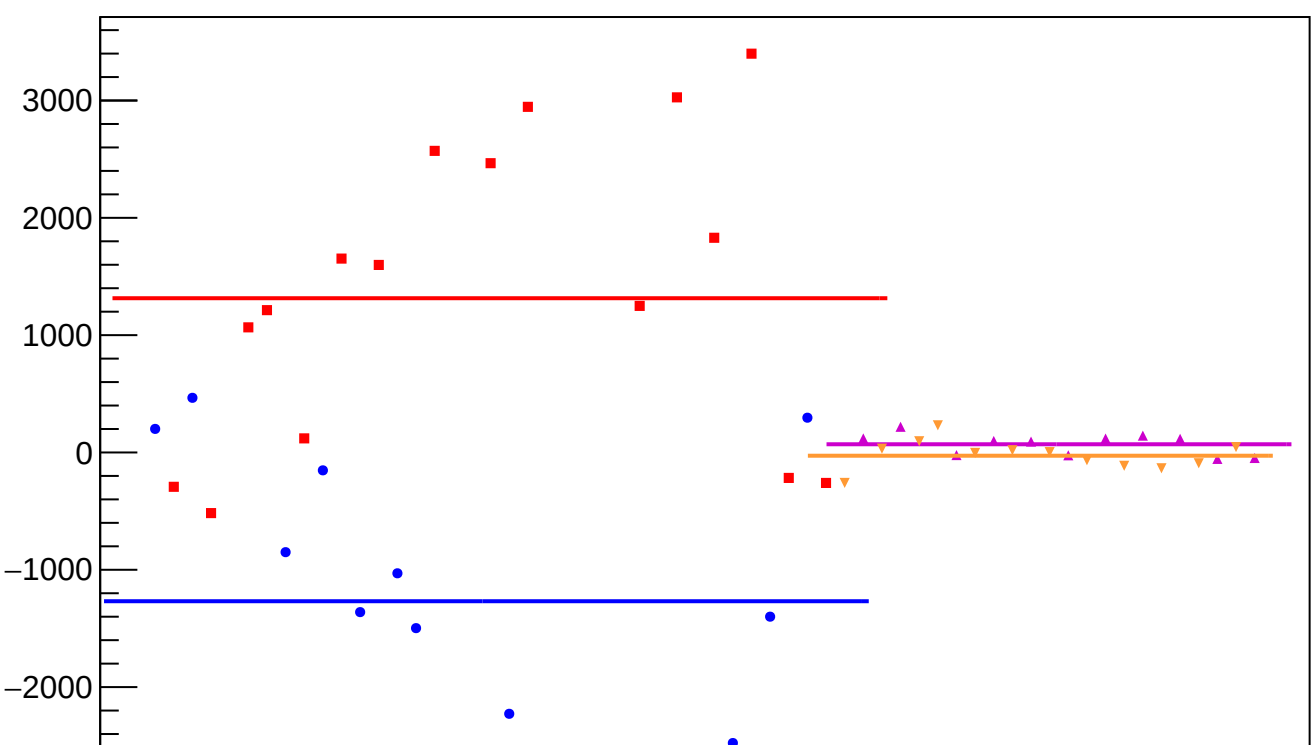
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

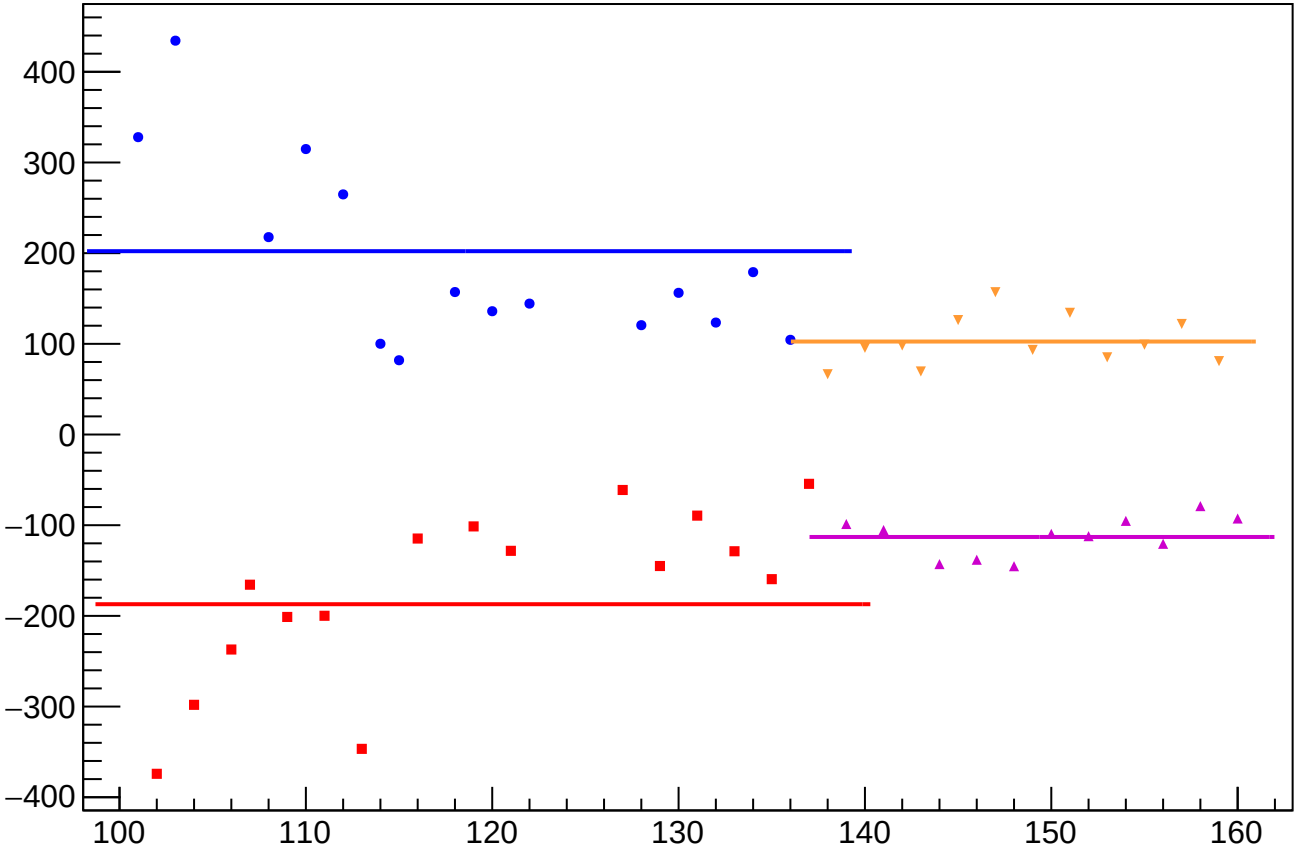
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 21.337+/-0.000 χ^2/NDF: 2367845786701889
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.745+/-0.000 χ^2/NDF:1240186629377638978240673319387127168.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 538.641+/-0.000 χ^2/NDF:1805860646471756
Left In: 69.887+/-0.000 χ^2/NDF:6896729055106095492675290775544659968.0/10
All: 29.548+/-0.000 χ^2/NDF: 4409076158029

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -5.804+/-0.000 χ^2/NDF: 22375229610691858

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950 6

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

In: 17.055+/-0.000 χ^2/NDF:4529601533384929 0

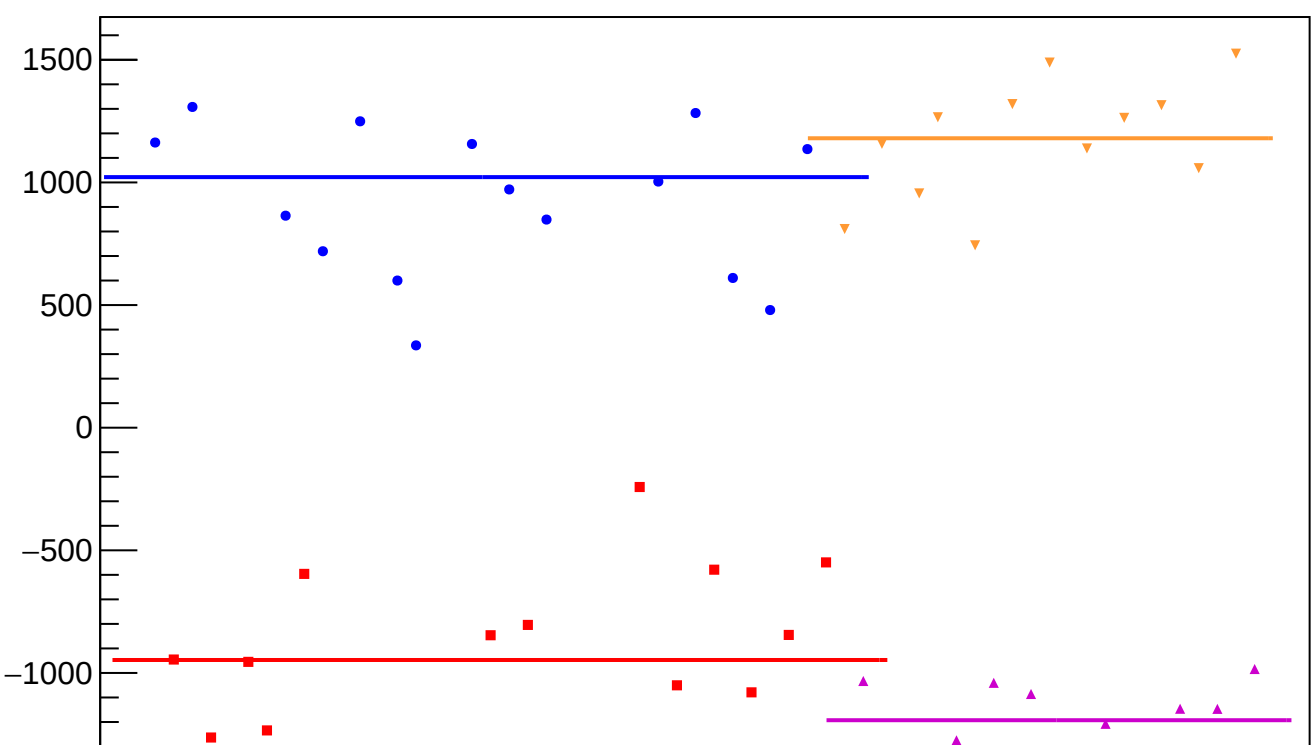
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.662+/-0.000 χ^2/NDF:3921793544057525

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.350+/-0.000 χ^2/NDF: 8557691672482

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

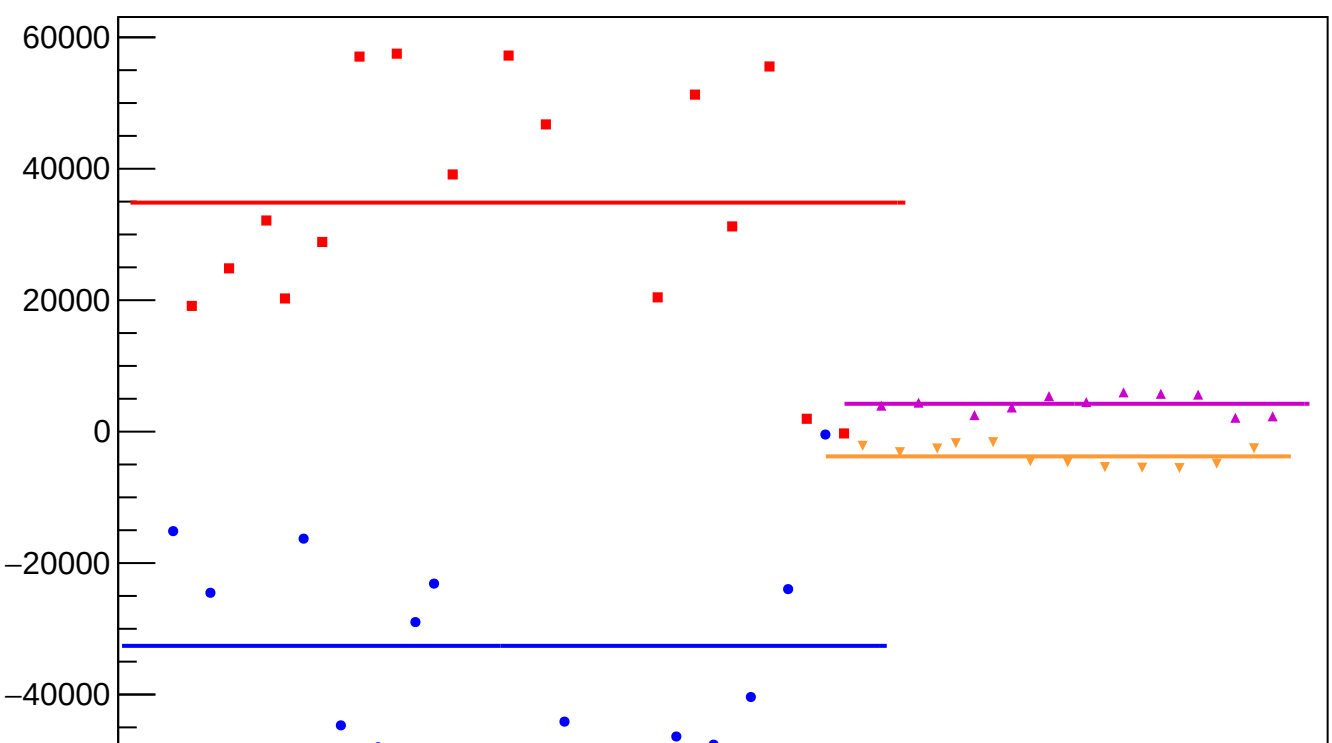
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

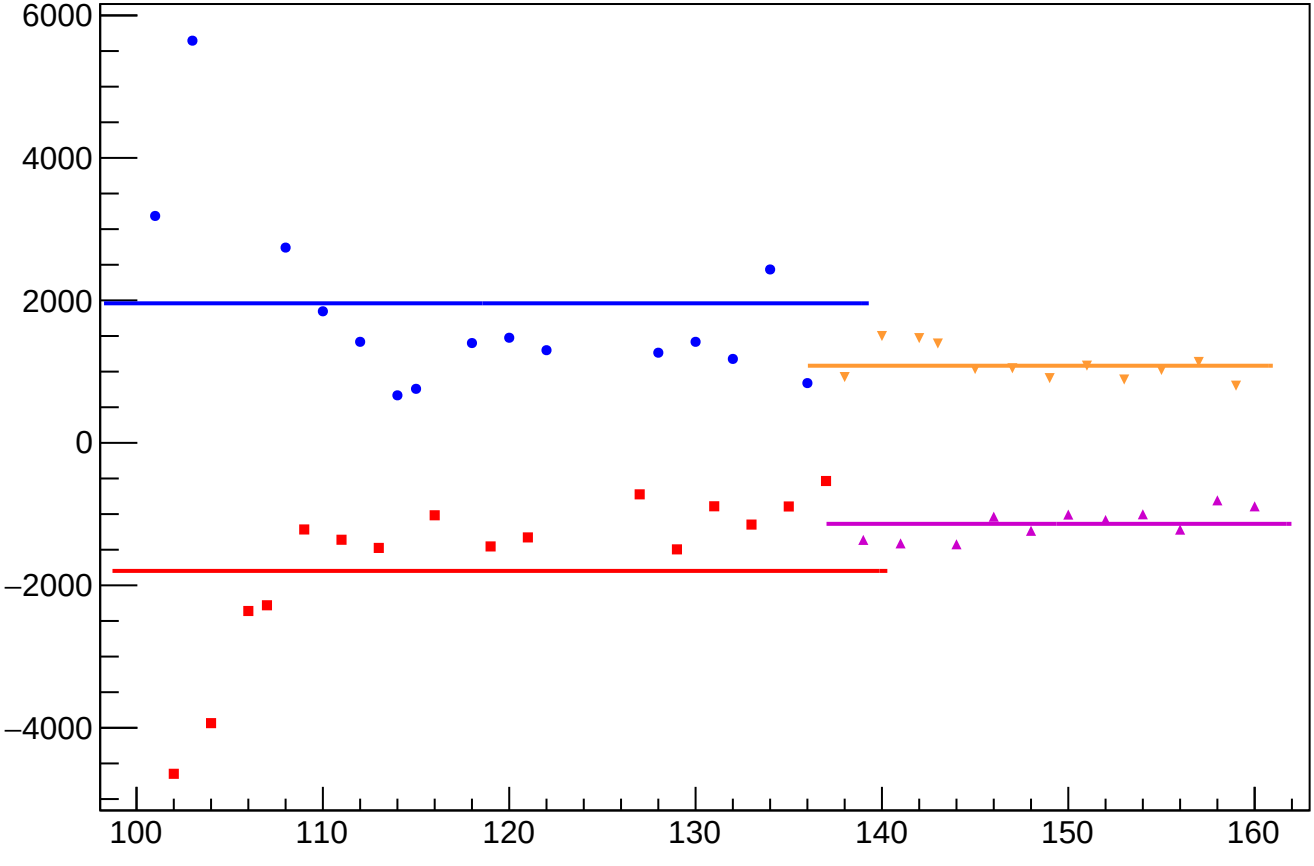
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: 258.769+/-0.000 χ^2/NDF: 3307838906782510
Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -3764.764+/-0.000 χ^2/NDF:1969097651481267133720686593450373545984.0/11
In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
Out: 12525.397+/-0.000 χ^2/NDF:7980109281669 6
Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10
All: 813.296+/-0.000 χ^2/NDF: 19609070541 3

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -33.022+/-0.000 χ^2/NDF: 2342623451337331

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

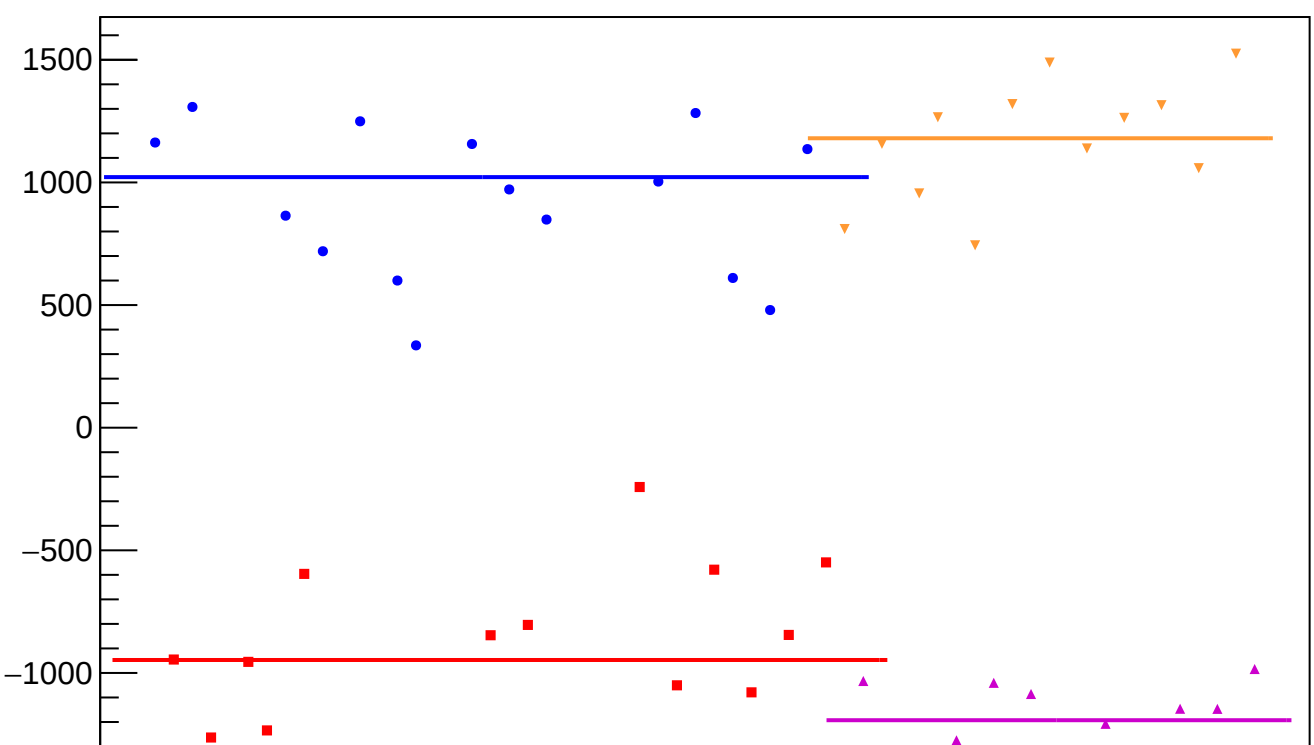
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.327+/-0.000 χ^2/NDF:419623322015972

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.718+/-0.000 χ^2/NDF: 9134060459030

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

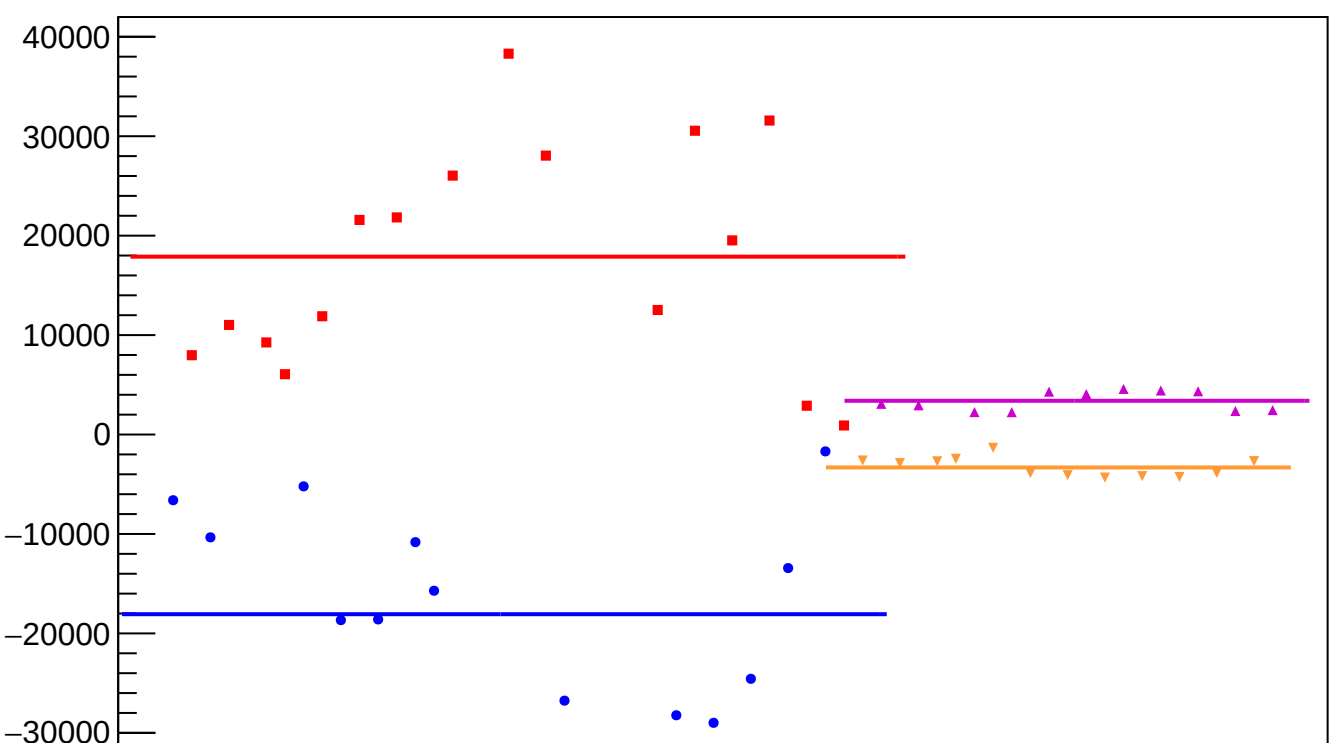
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

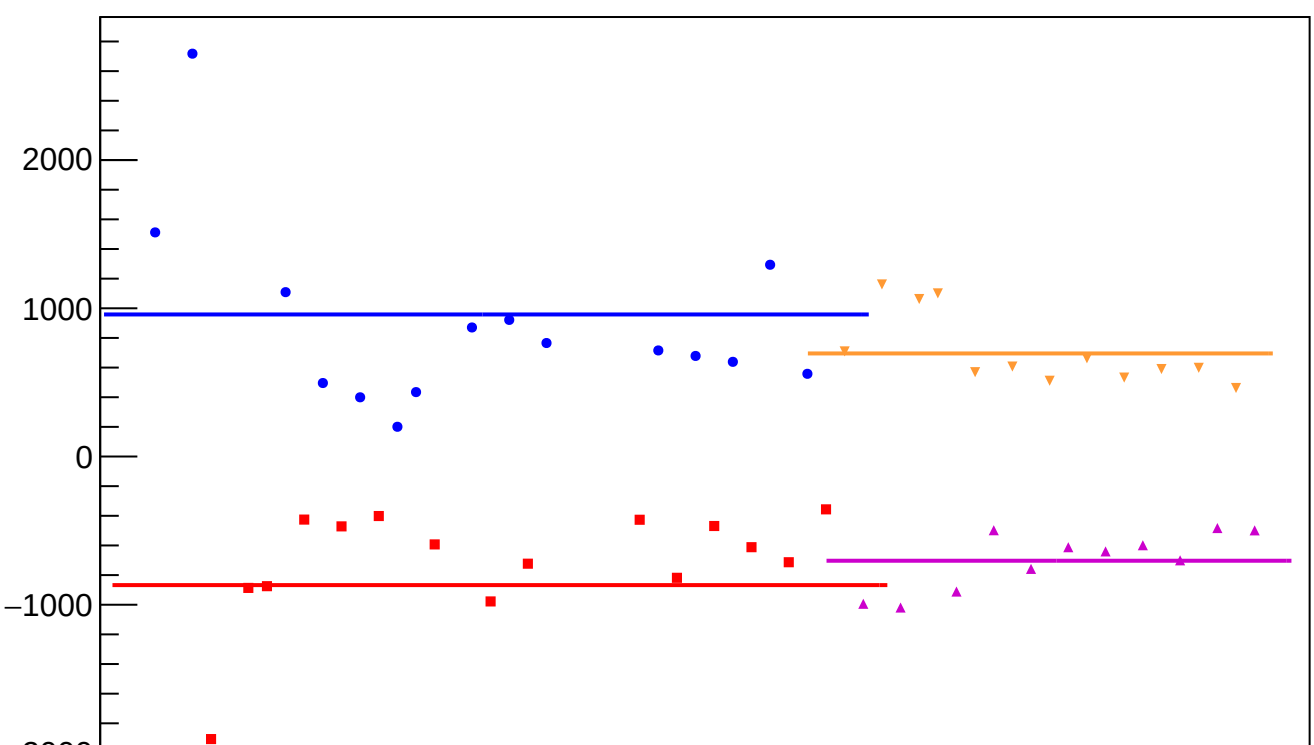
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: 59.413+/-0.000 χ^2/NDF: 2224729910575058
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5632.022+/-0.000 χ^2/NDF:2524906041303 67
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.590+/-0.000 χ^2/NDF: 6102518020061

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: -7.711+/-0.000 χ^2/NDF: 97874173707649304

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

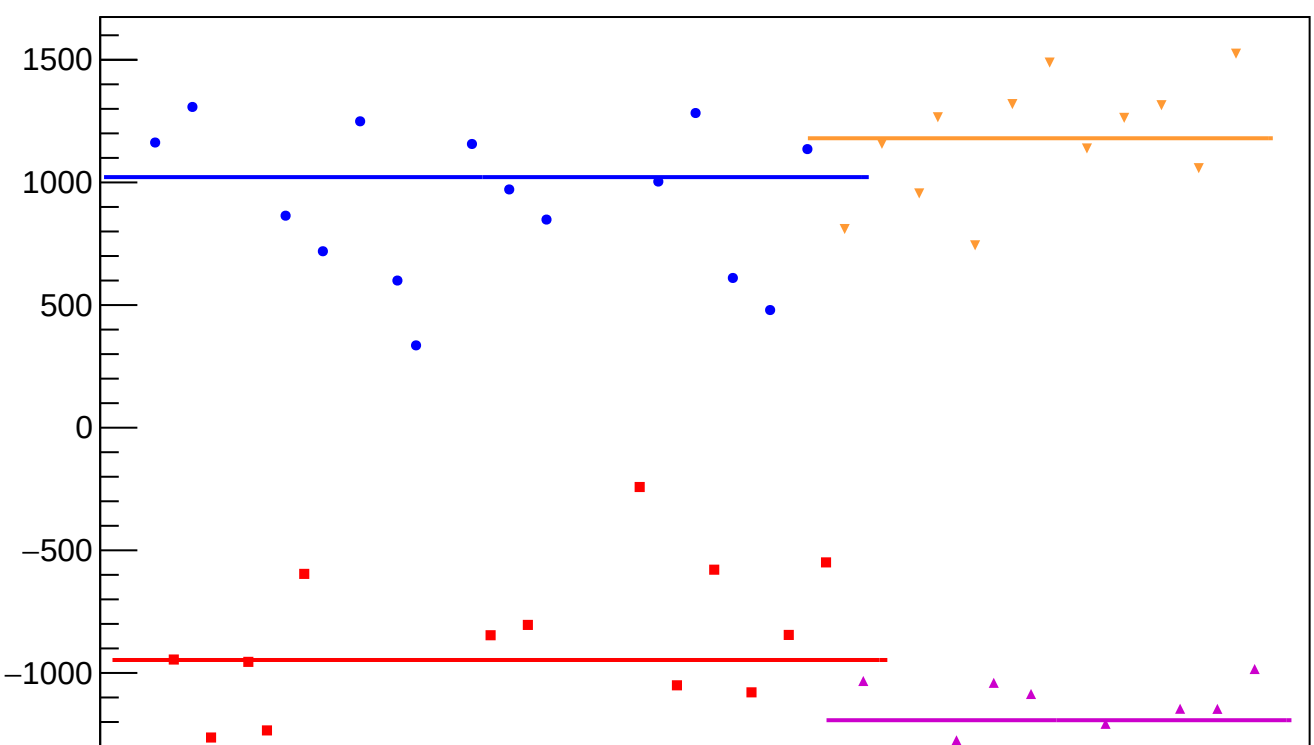
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.995+/-0.000 χ^2/NDF:1206021734950956 6

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.254+/-0.000 χ^2/NDF: 2557581834609 8

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

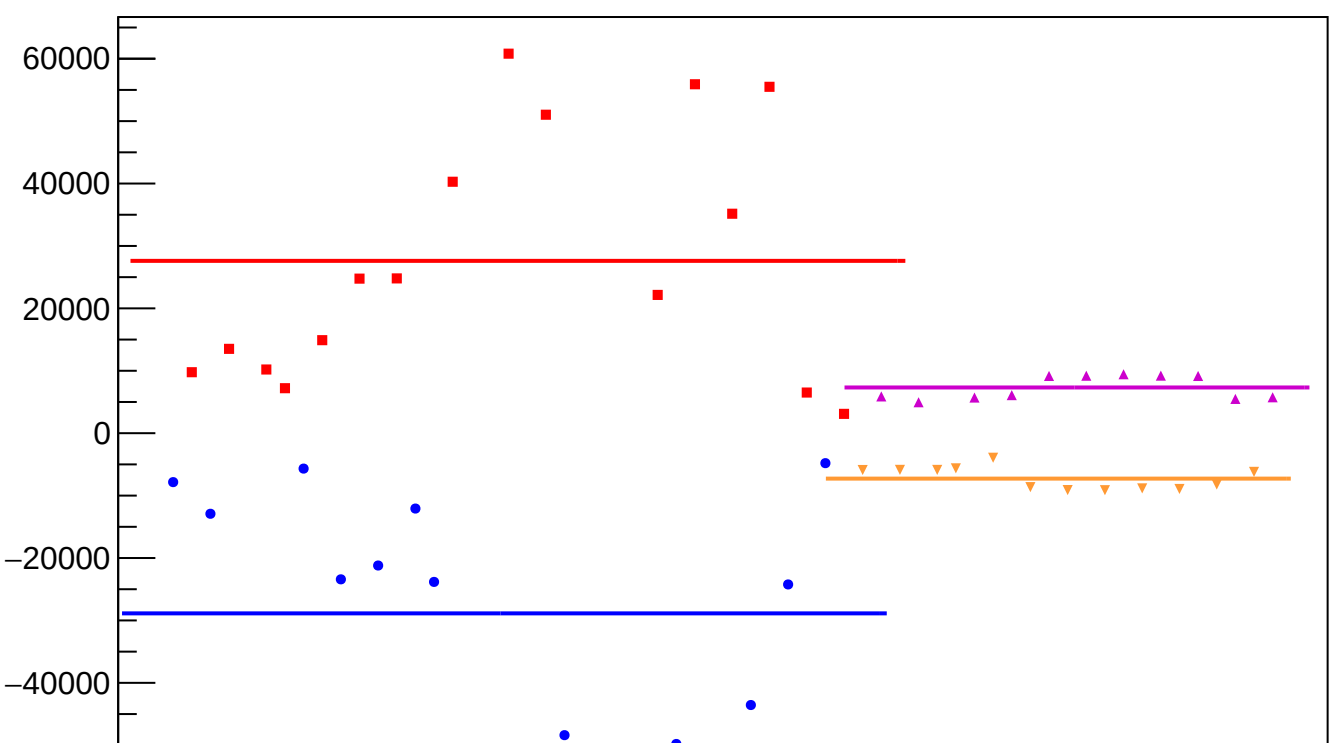
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

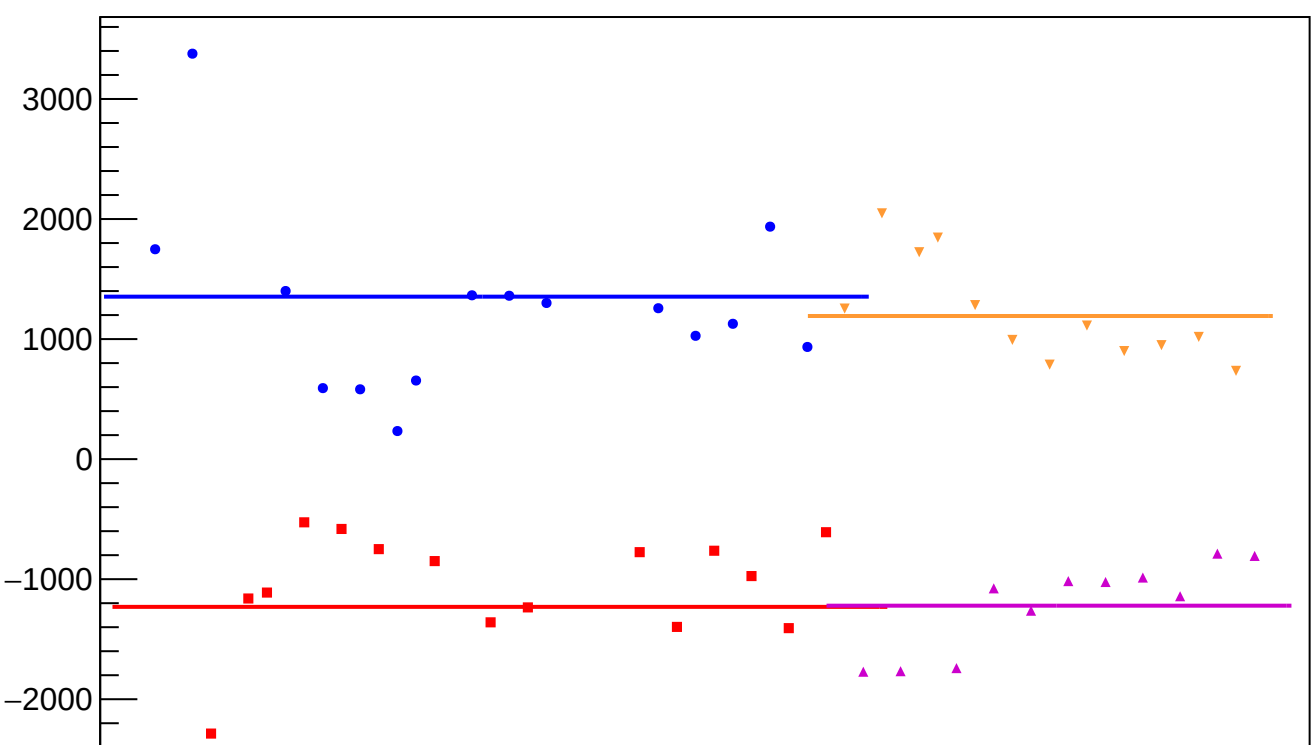
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: 63.330+/-0.000 χ^2/NDF: 10376898900763943
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7277.886+/-0.000 χ^2/NDF:273886730591809806831738823923410455756 8.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7441.143+/-0.000 χ^2/NDF:720201732002610
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.332+/-0.000 χ^2/NDF: 166268033579

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: -20.807+/-0.000 χ^2/NDF: 2942660248465198

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

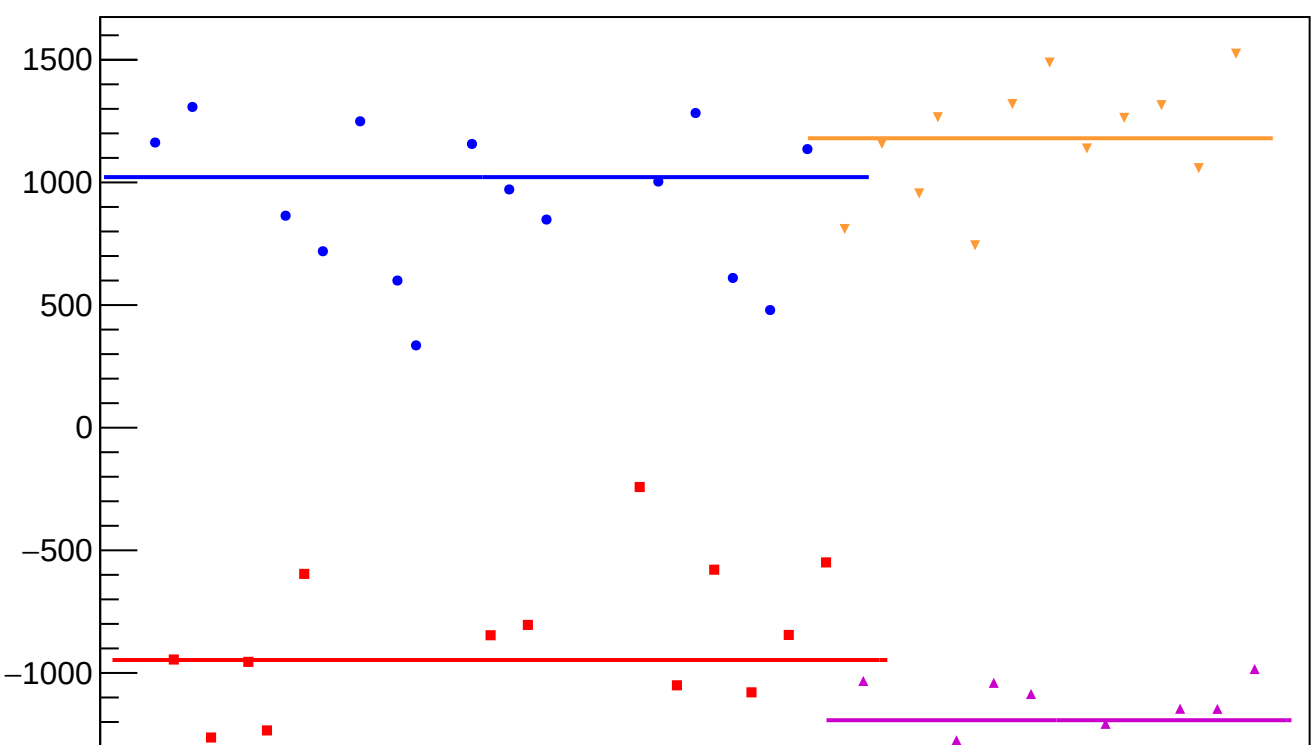
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 170.087+/-0.000 χ^2/NDF:2691556918692435

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.116+/-0.000 χ^2/NDF: 5772148977032 9

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

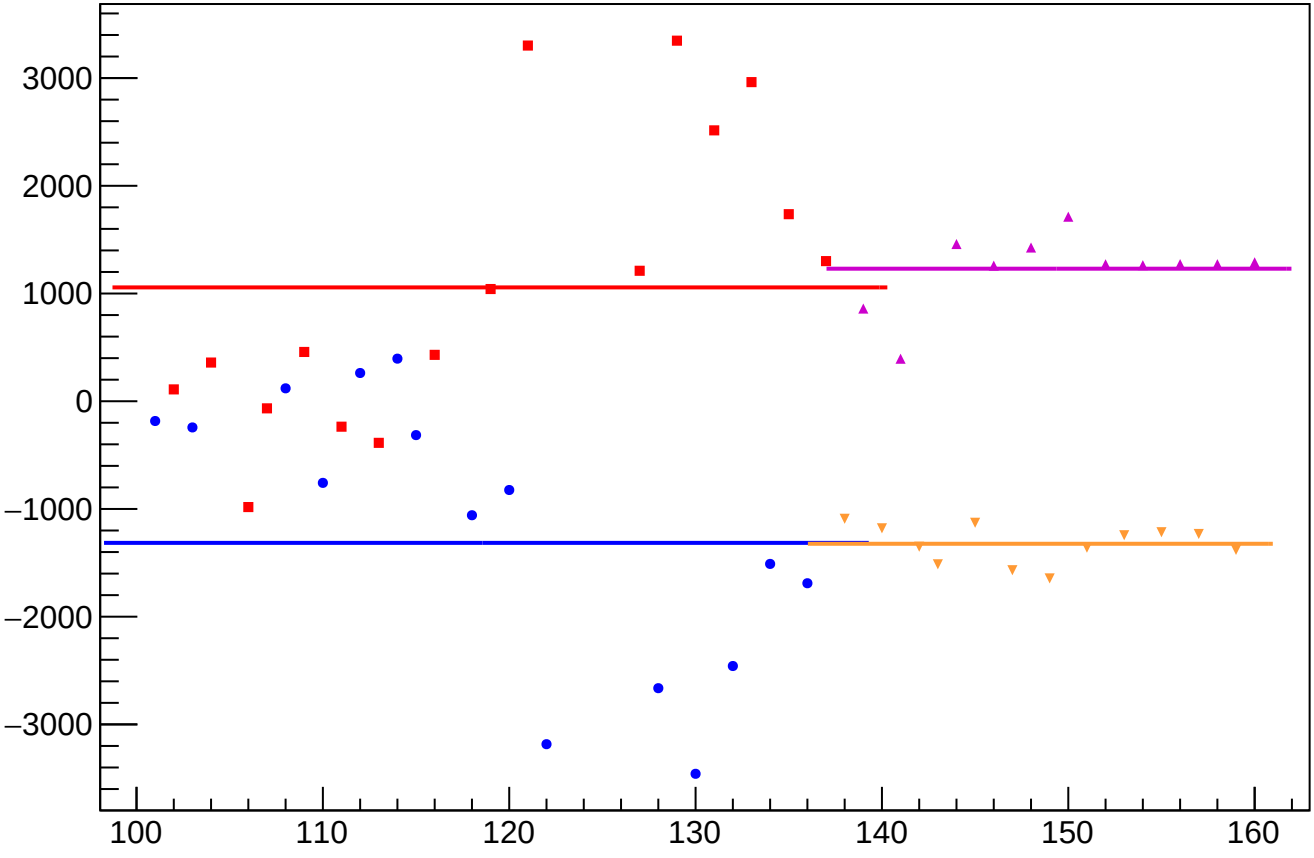
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

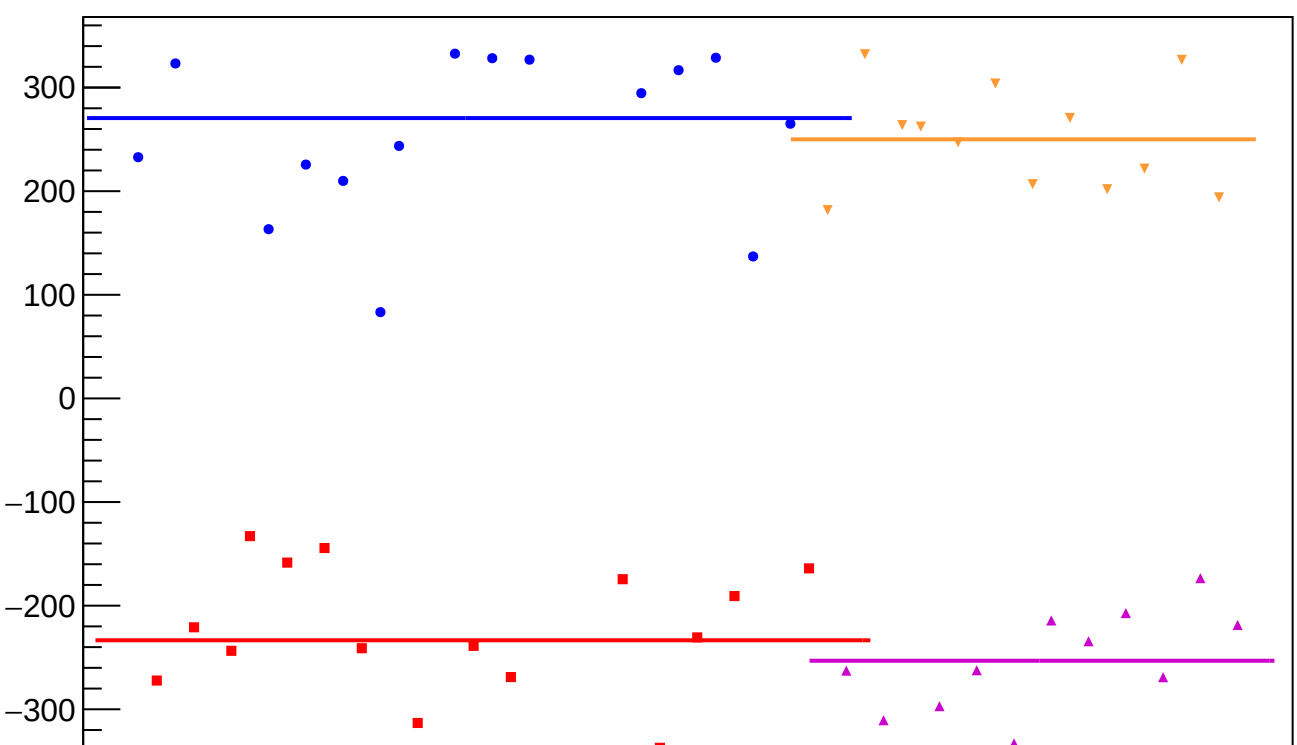
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -39.410+/-0.000 χ^2/NDF: 3123799611158754
Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15
Out: -319.095+/-0.000 χ^2/NDF:333836126374439
Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10
All: -70.027+/-0.000 χ^2/NDF: 707118050555

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -2.914+/-0.000 χ^2/NDF: 12065657526575144

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

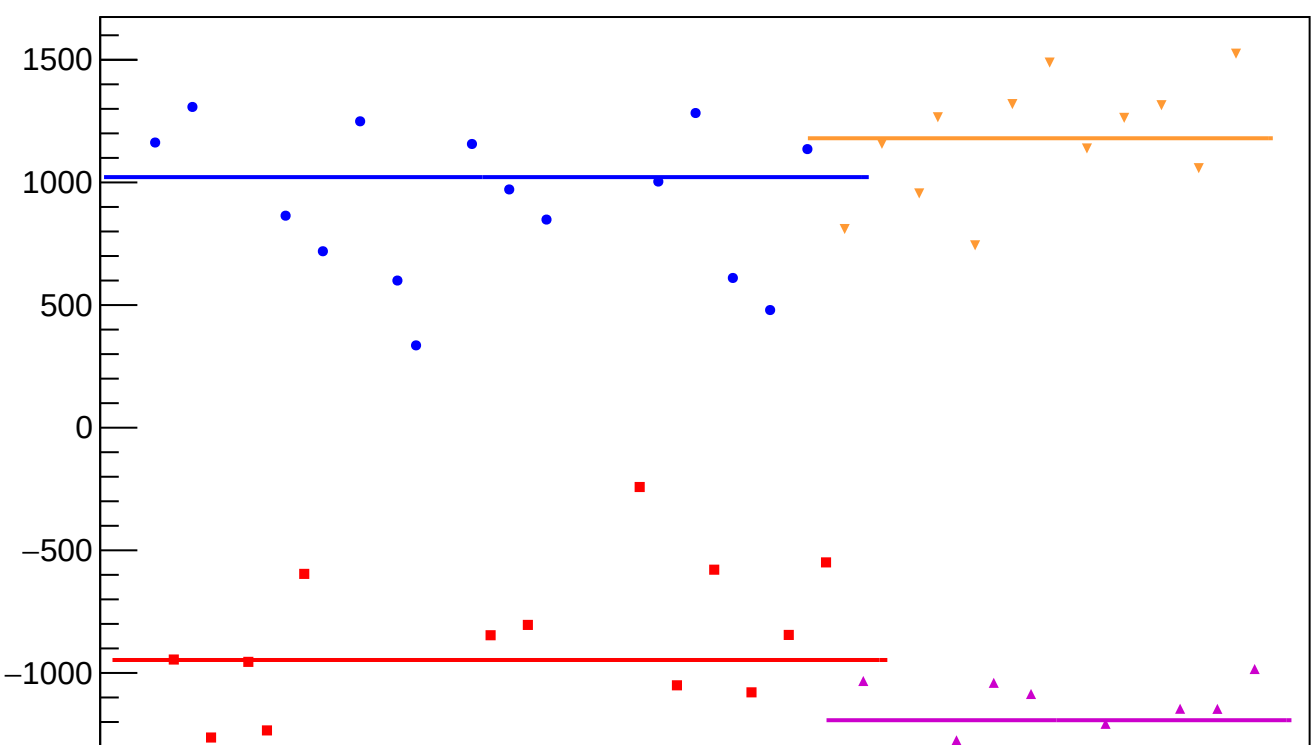
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 46.084+/-0.000 χ^2/NDF:9551225449196464 5

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.607+/-0.000 χ^2/NDF: 20997016075743

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

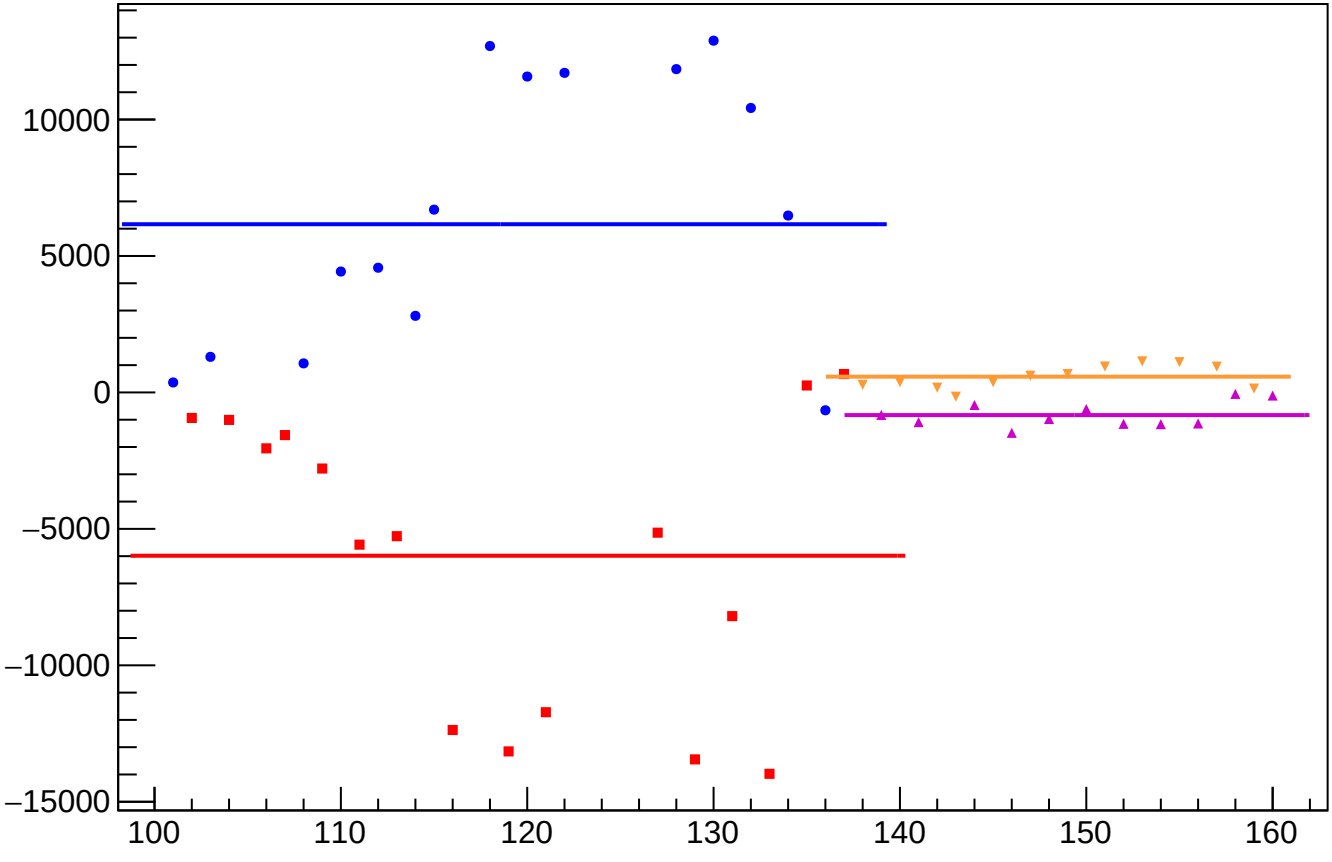
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -130.481+/-0.000 χ^2/NDF: 122705160360500

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

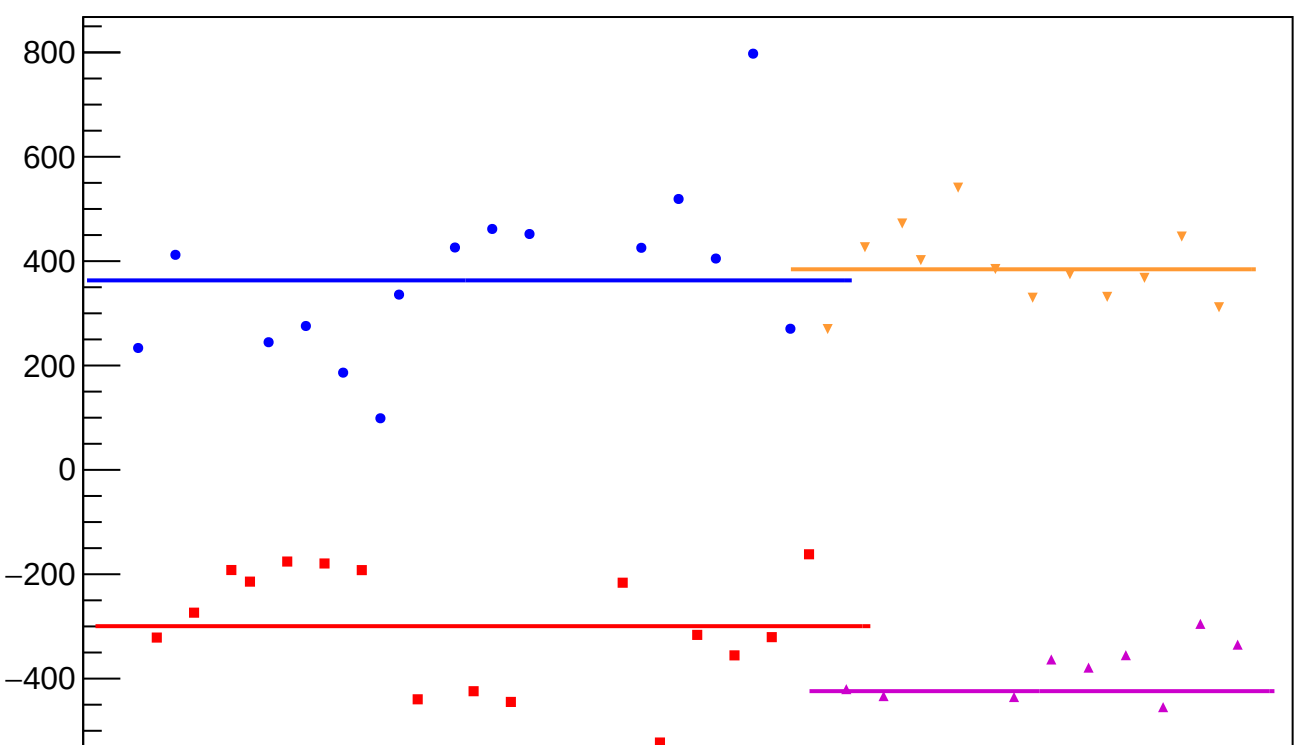
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2190.770+/-0.000 χ^2/NDF:34248915694866

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.239+/-0.000 χ^2/NDF: 854846167938

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -22.018+/-0.000 χ^2/NDF: 3128182165483401

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

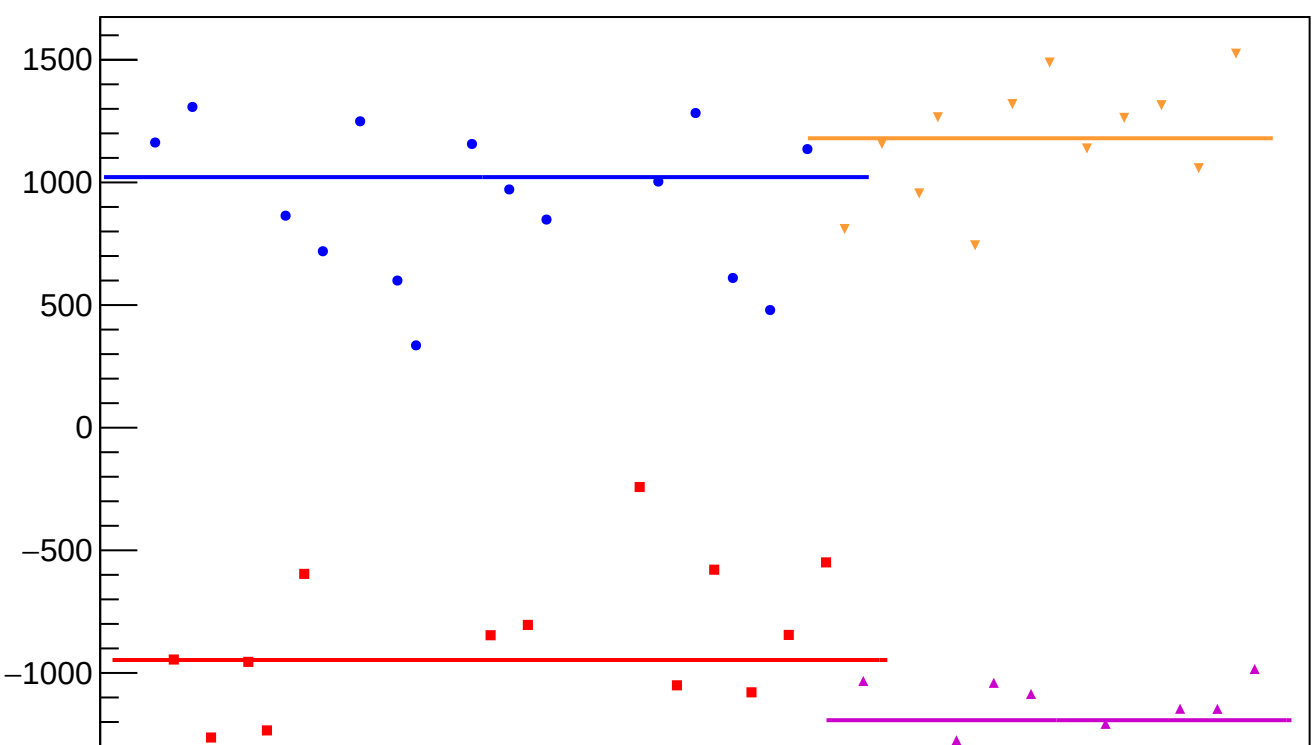
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.865+/-0.000 χ^2/NDF:1927486409807693 5

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.449+/-0.000 χ^2/NDF: 4783076167376

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:192909078825431 9

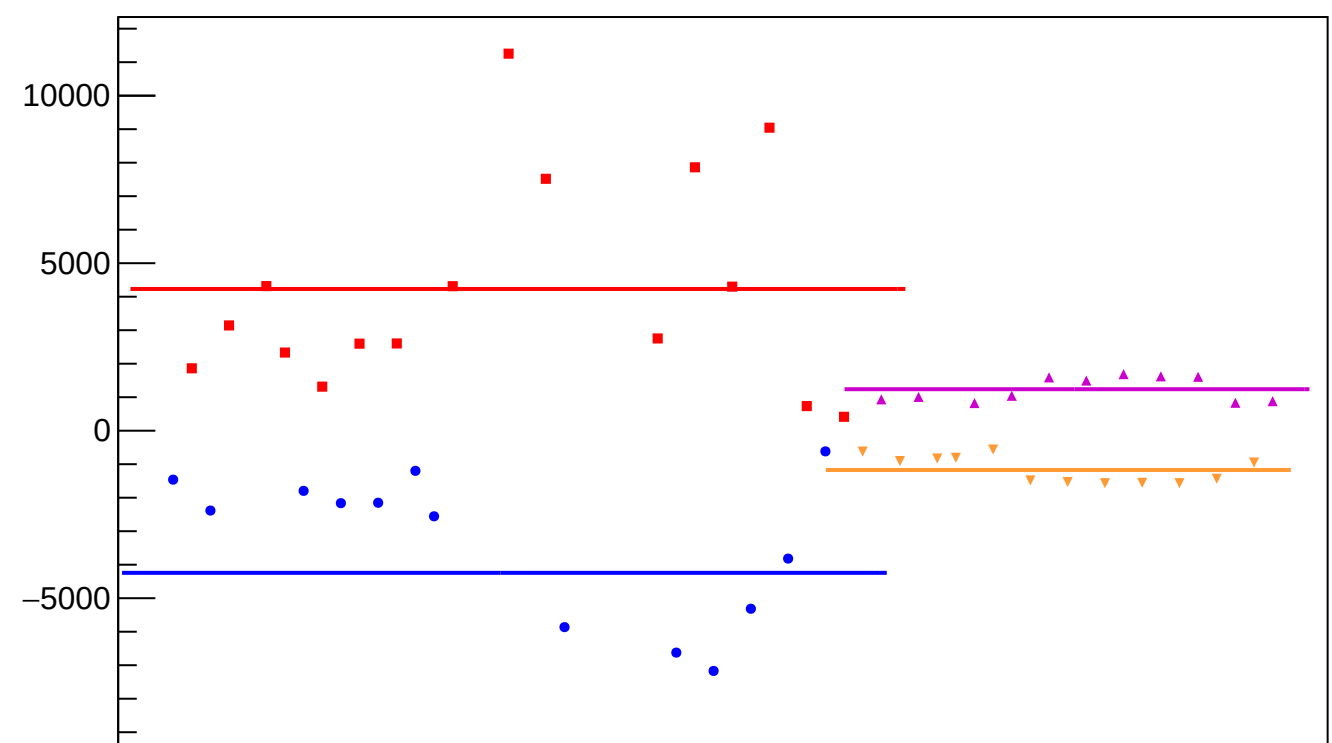
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 40.054+/-0.000 χ^2/NDF: 2918723631424919

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

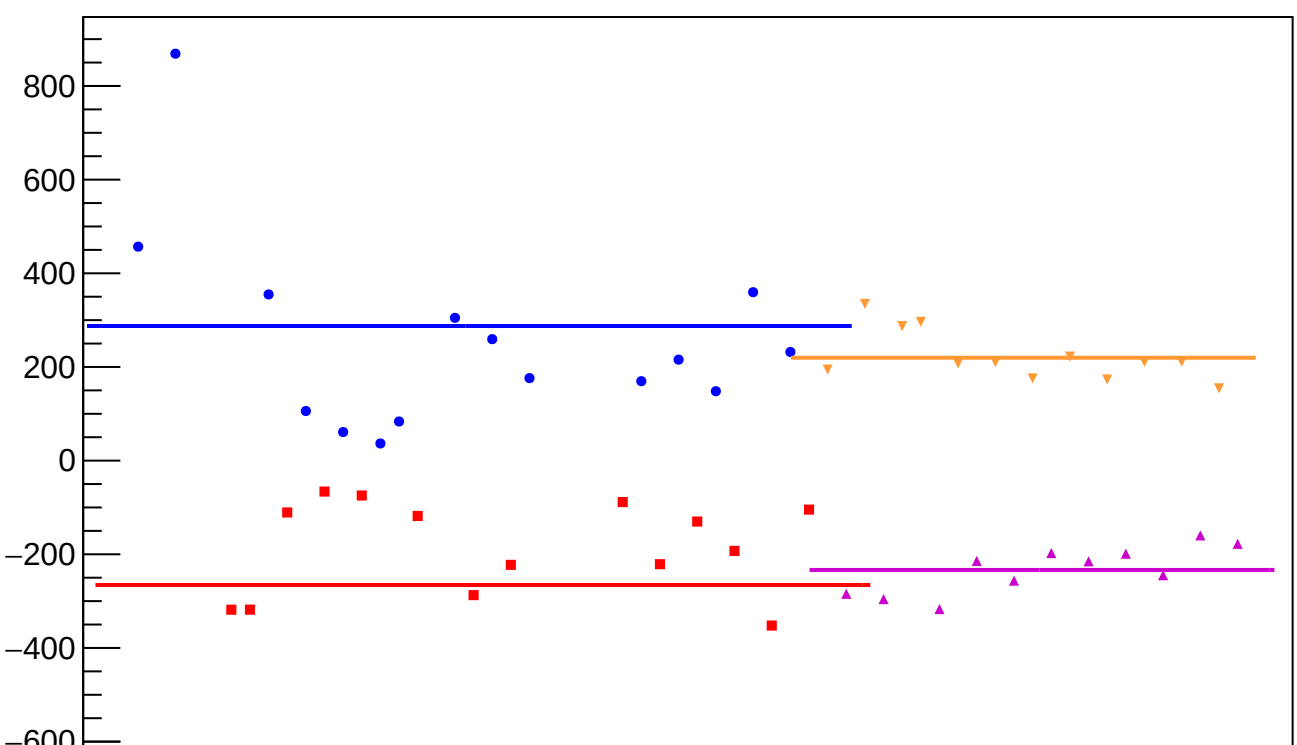
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1107.560+/-0.000 χ^2/NDF:180754931945864

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.184+/-0.000 χ^2/NDF: 4000063219777

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -8.095+/-0.000 χ^2/NDF: 98946310660581678

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 219.672+/-0.000 χ^2/NDF:2455507522676926762328692419180101632.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

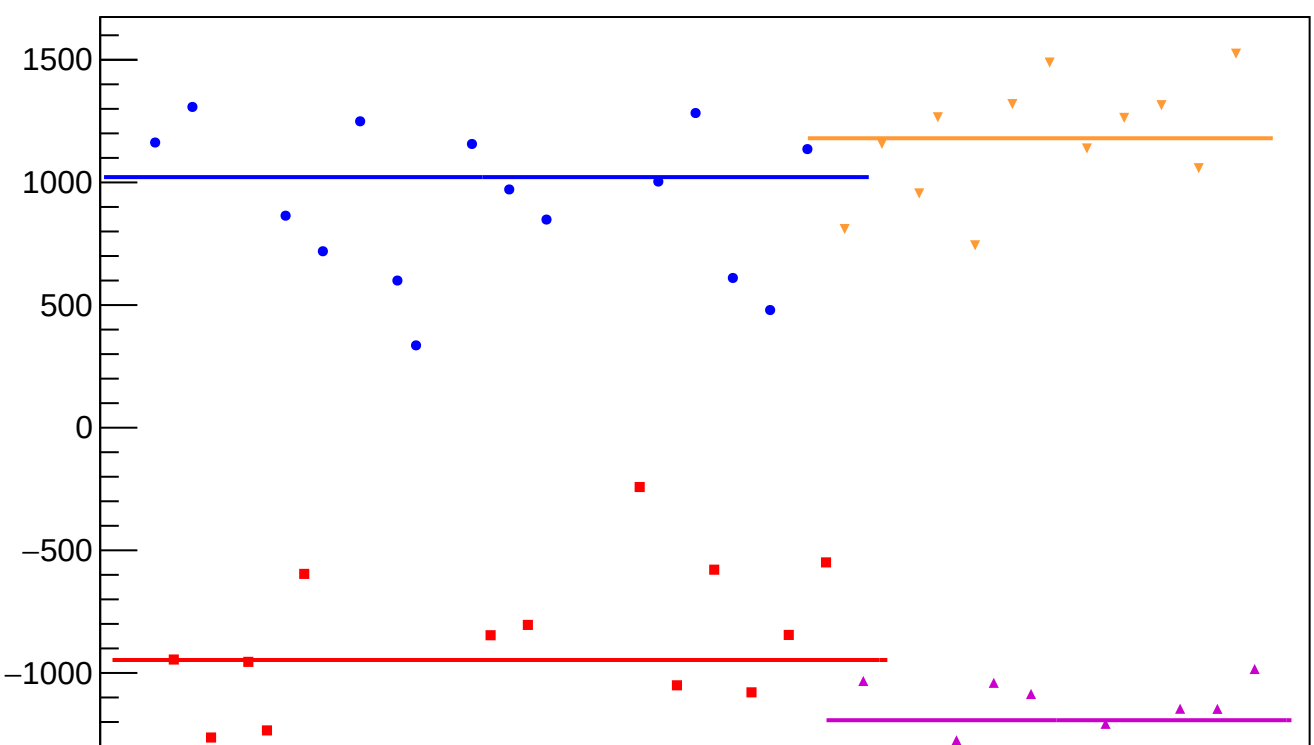
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.946+/-0.000 χ^2/NDF:11910121360268258

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.734+/-0.000 χ^2/NDF: 2550962914121

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

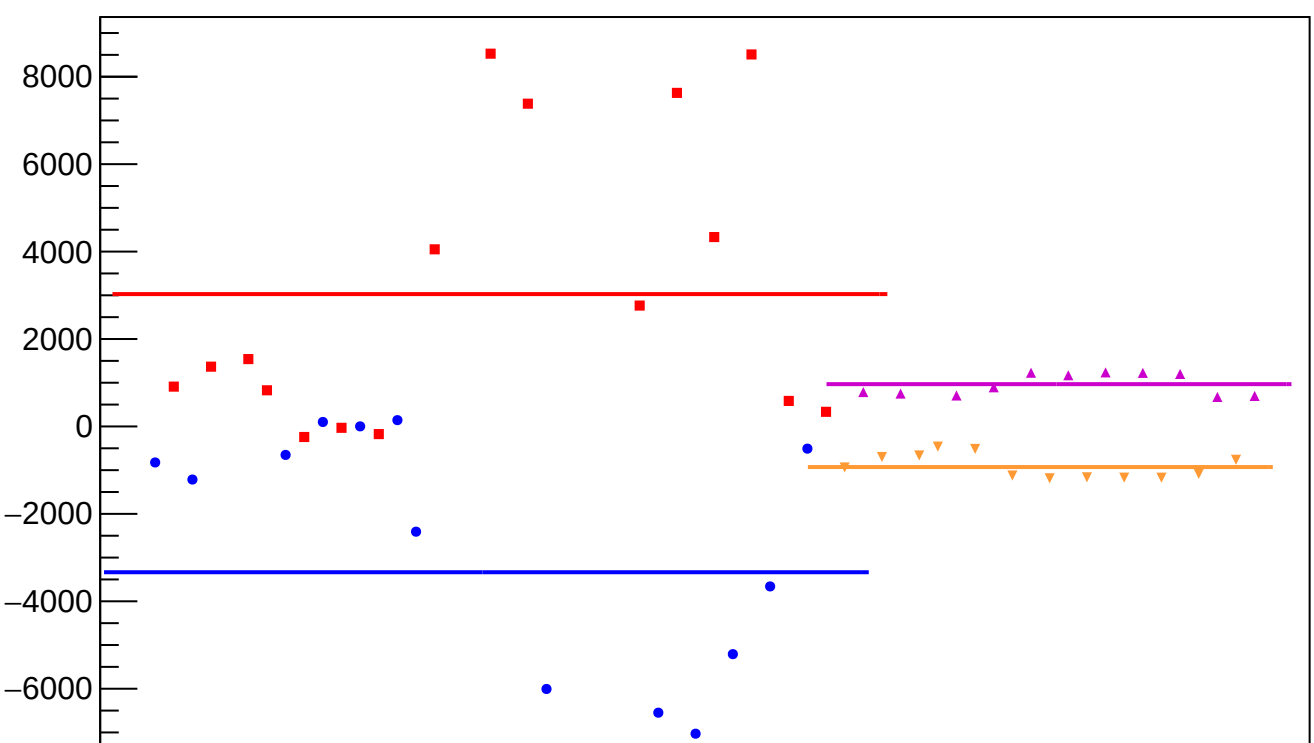
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

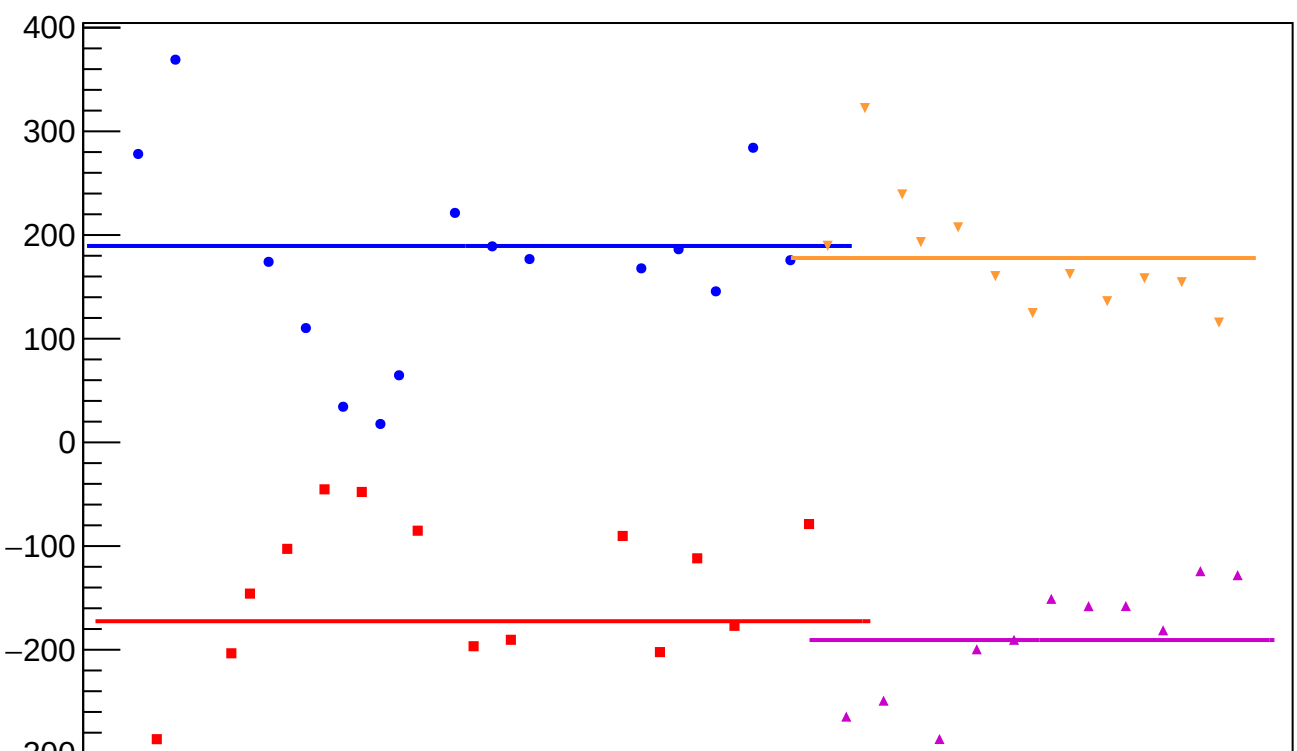
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: 24.512+/-0.000 χ^2/NDF: 17662313982822156
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 740.311+/-0.000 χ^2/NDF:1318448638352381
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.746+/-0.000 χ^2/NDF: 285218808380

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -7.418+/-0.000 χ^2/NDF: 67707857548229784

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

In: -33.824+/-0.000 χ^2/NDF:62316992098402396

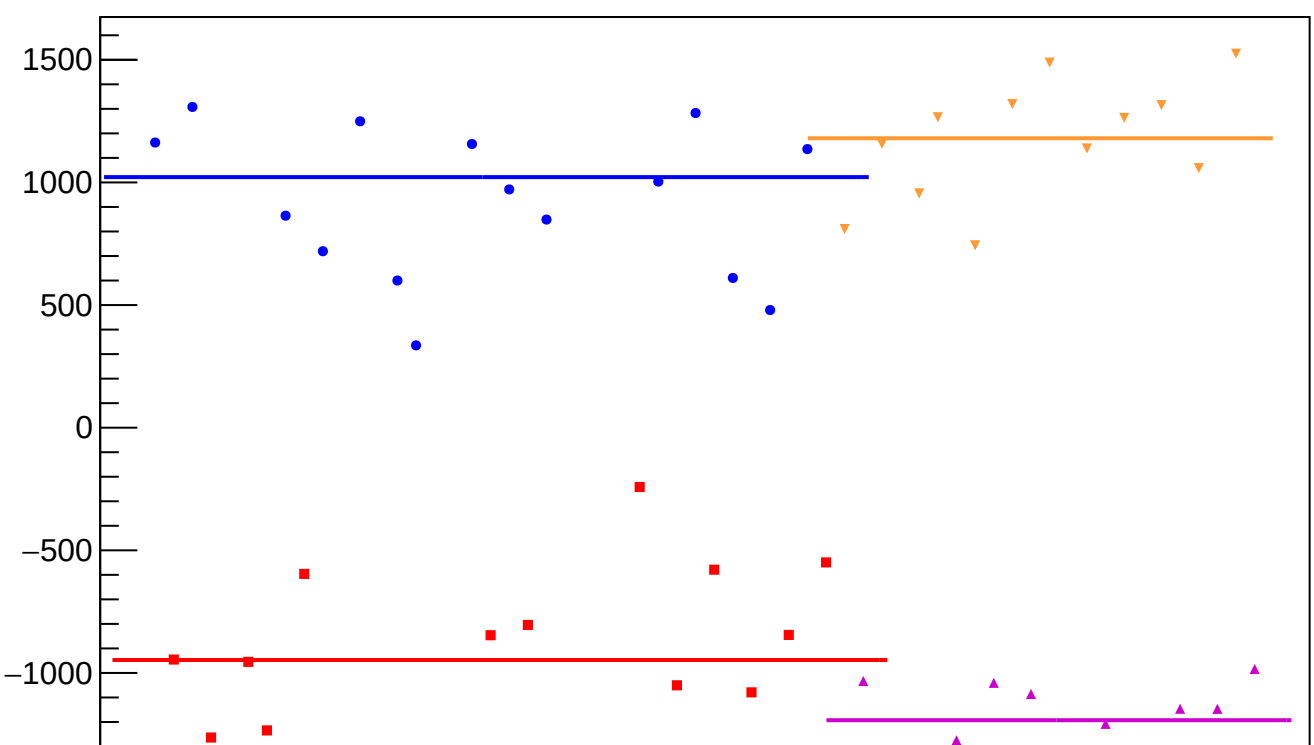
Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

Out: 30.026+/-0.000 χ^2/NDF:5570432113857539 0

Left In: -190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

All: -1.818+/-0.000 χ^2/NDF: 1212358862395

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

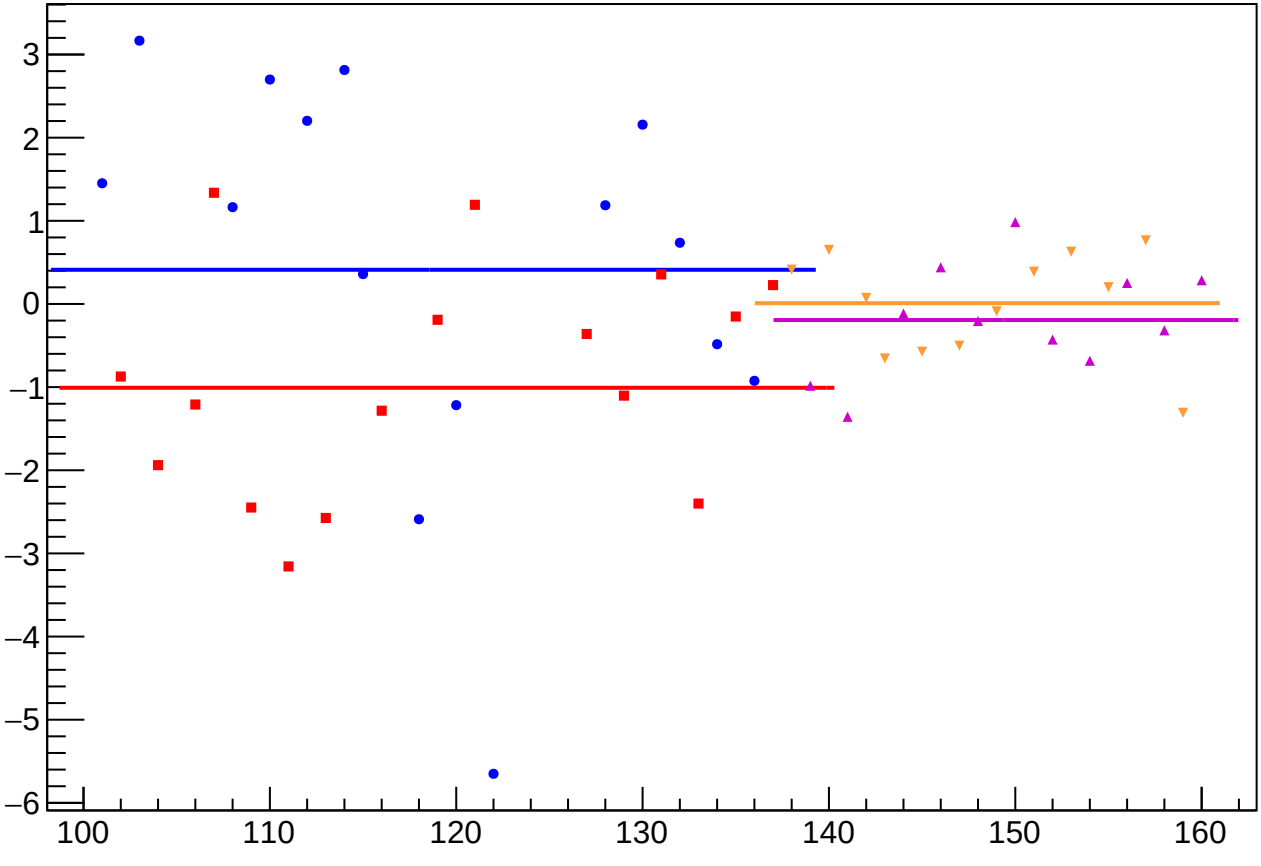
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.092+/-0.000 χ^2/NDF: 75962986262153938

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774 0

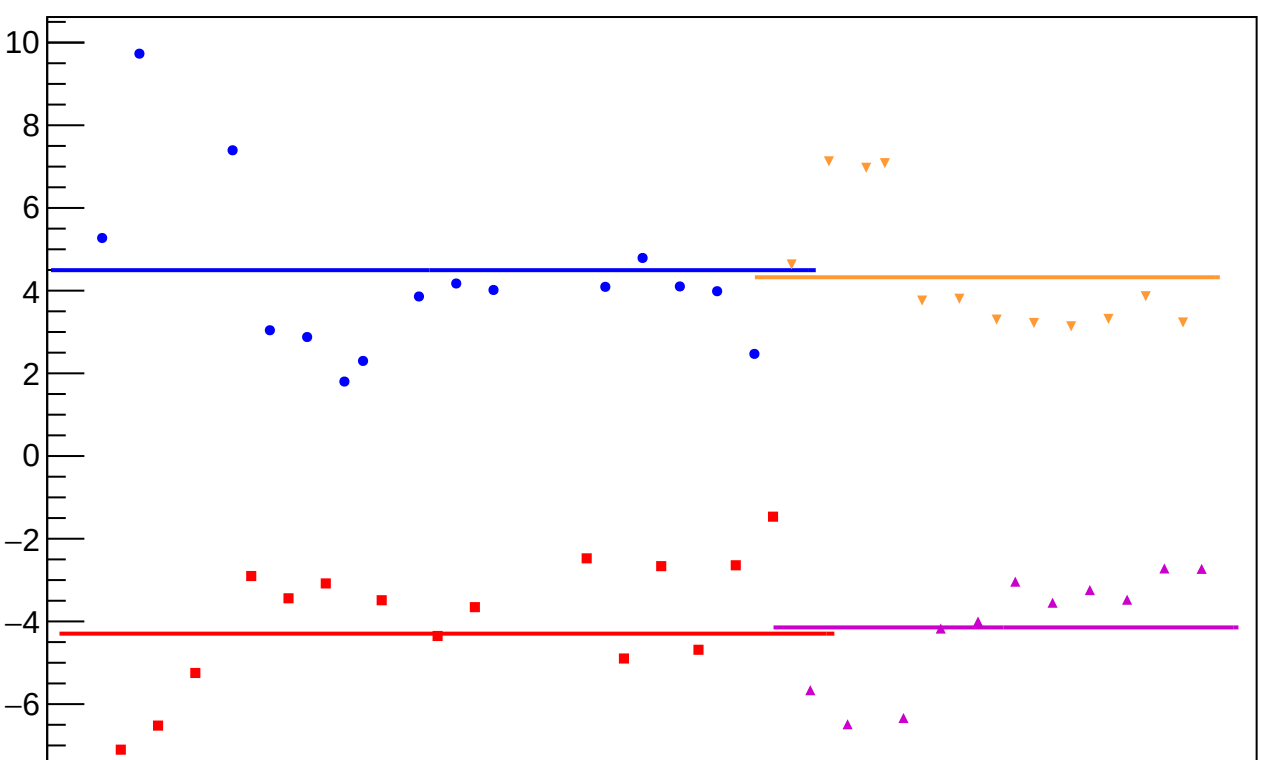
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.420+/-0.000 χ^2/NDF:1882127563967702 6

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5971597389441

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.066+/-0.000 χ^2/NDF: 366281962464816002

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.324+/-0.000 χ^2/NDF:20255349693889500584071091191808 00.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

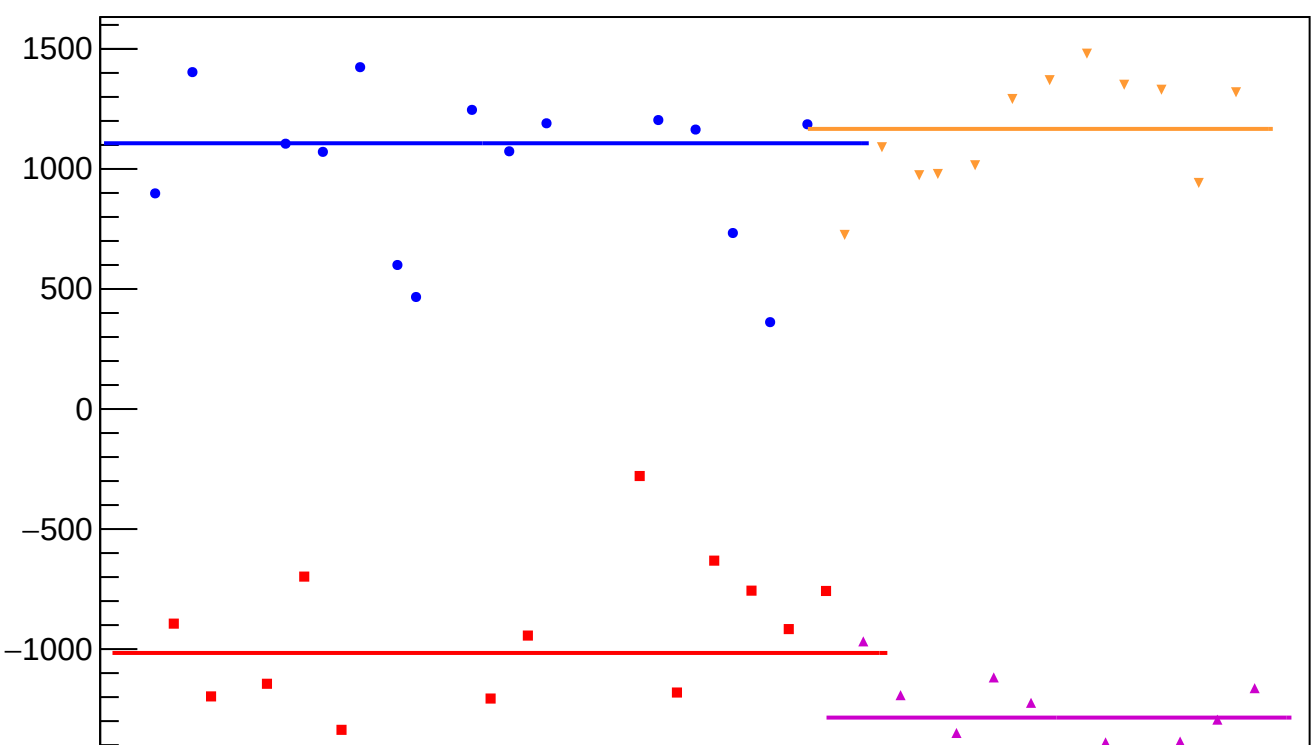
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

Out: 0.687+/-0.000 χ^2/NDF:32685168492673519 3

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6680227054433 8

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

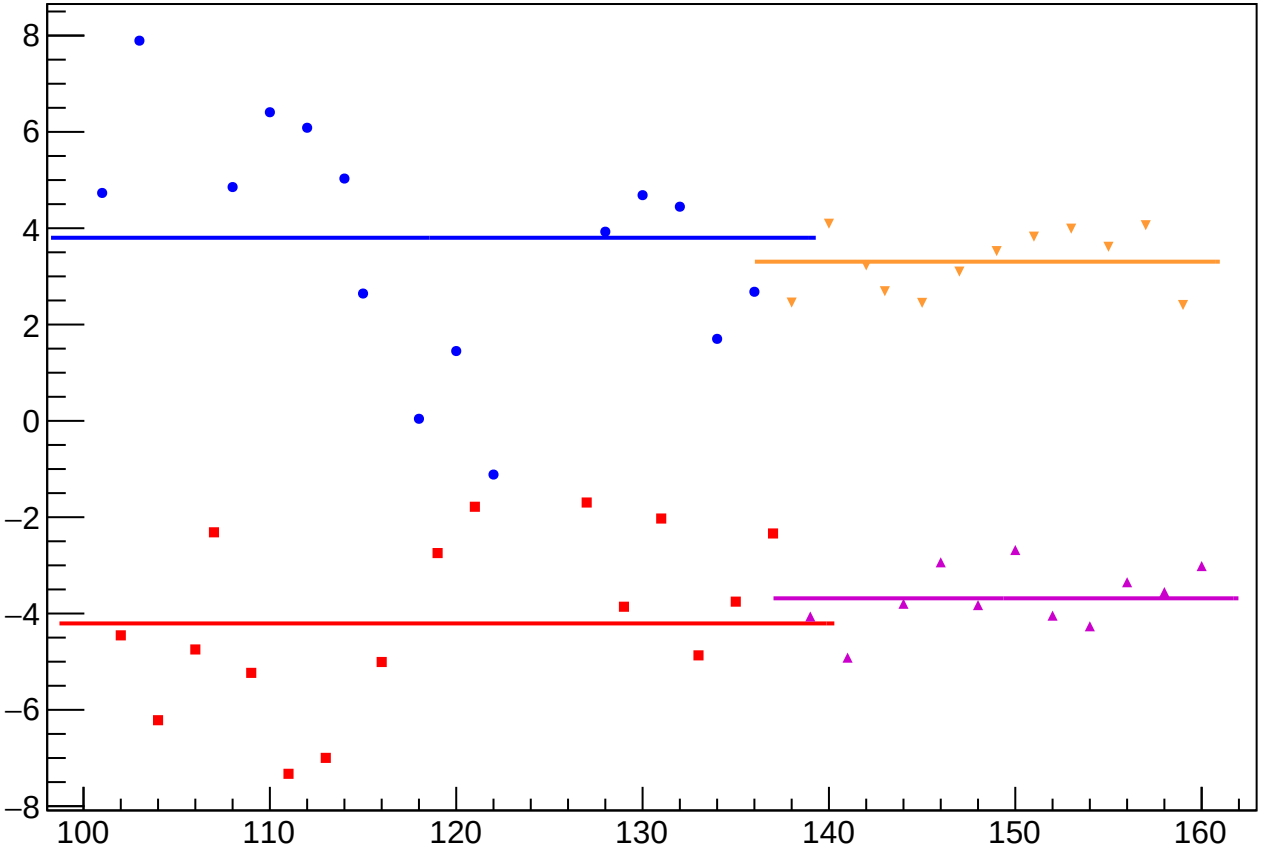
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.208+/-0.000 χ^2/NDF: 23190007997846699

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

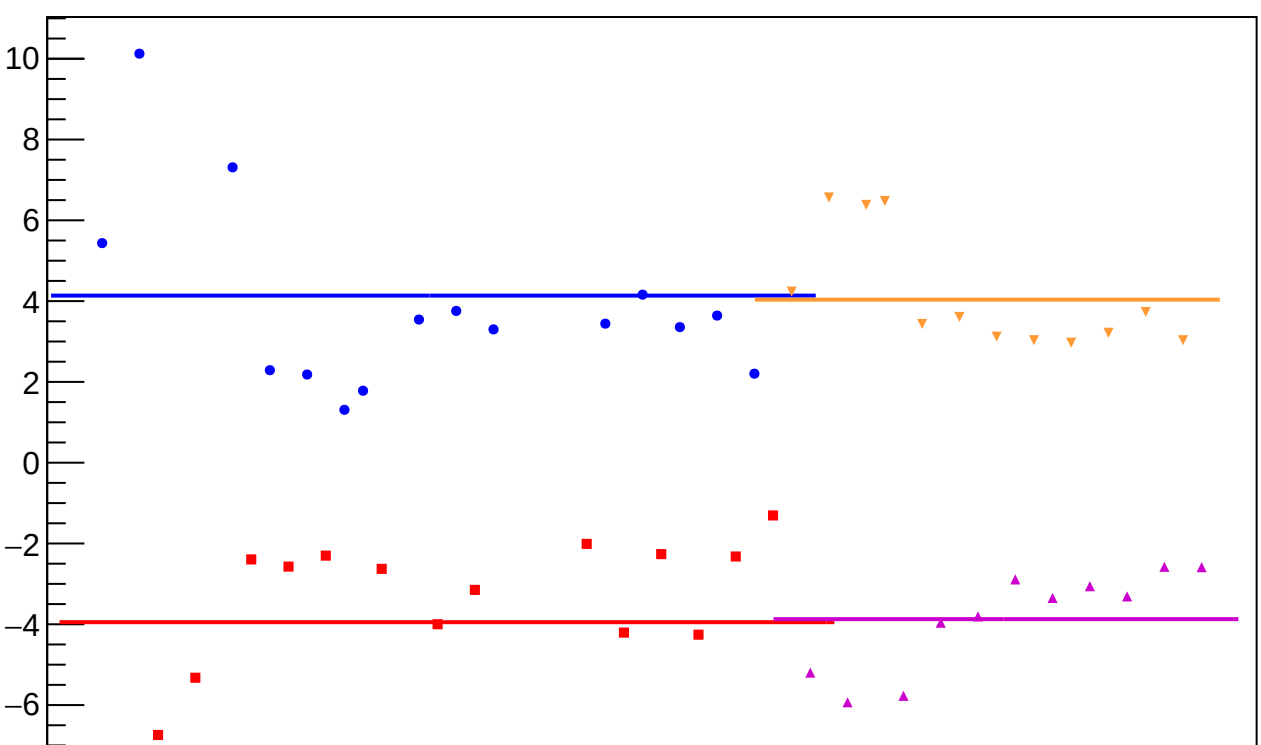
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.137+/-0.000 χ^2/NDF:24226870849335382 7

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

All: -0.229+/-0.000 χ^2/NDF: 5017617766780

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.060+/-0.000 χ^2/NDF: 316216539127816530

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

In: -0.568+/-0.000 χ^2/NDF:292407298934601756

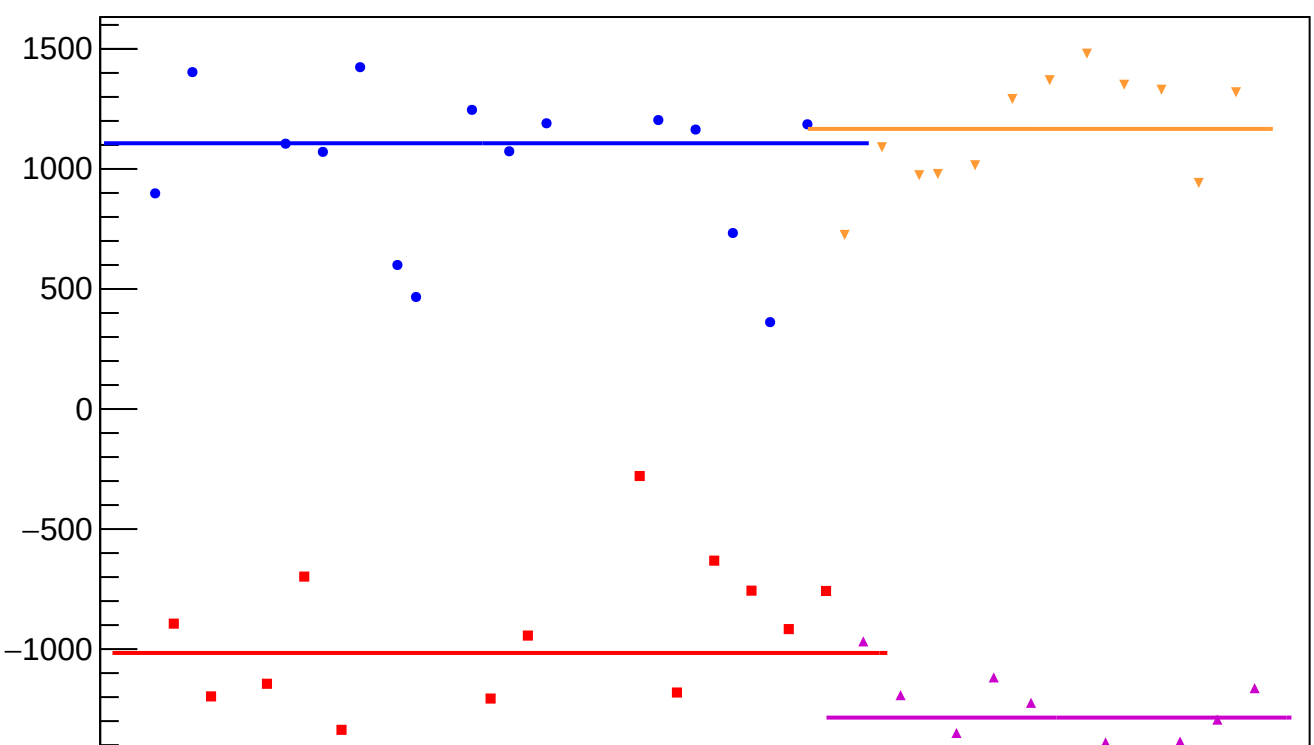
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

Out: 0.667+/-0.000 χ^2/NDF:288565858035972461

Left In: -3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

All: 0.051+/-0.000 χ^2/NDF: 5930048169444 3

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

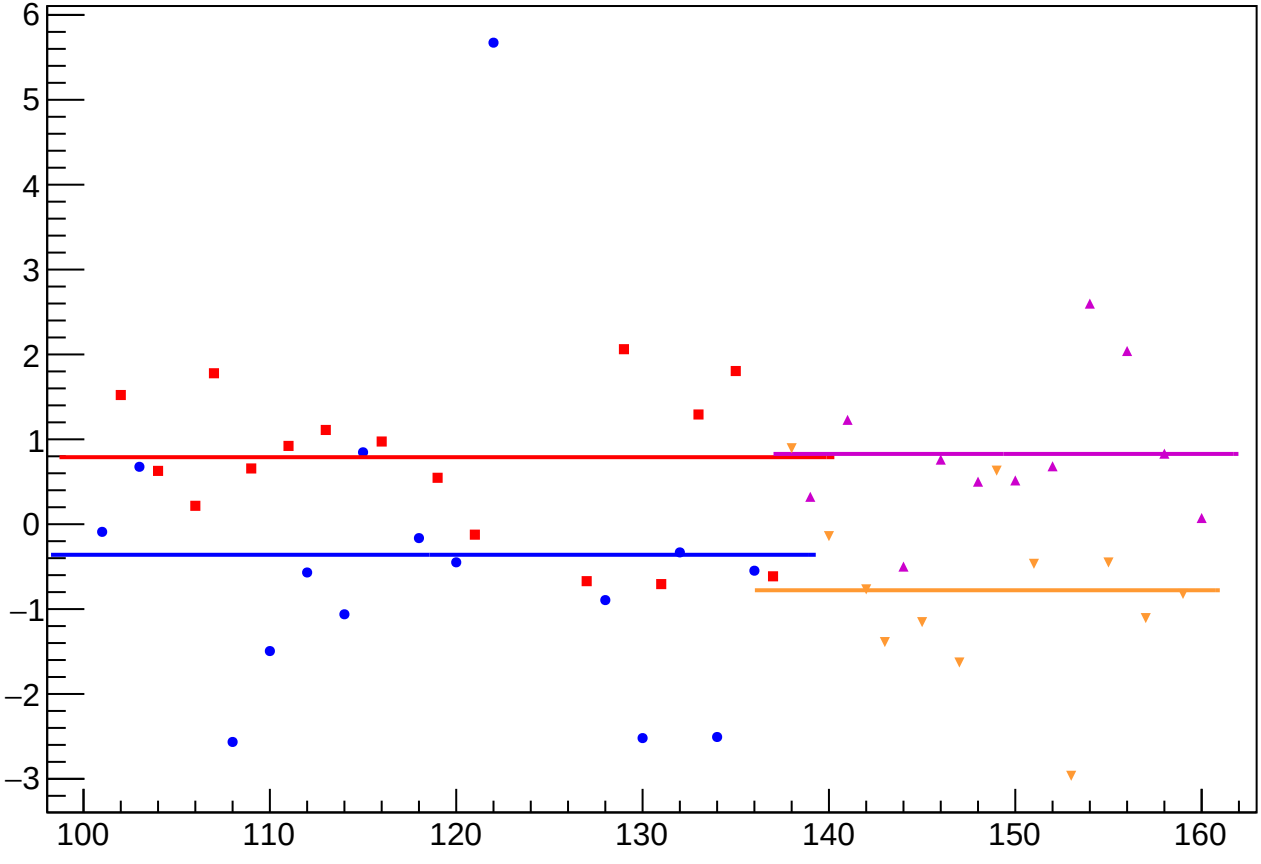
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.029+/-0.000 χ^2/NDF: 277746787190859319

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 3078215805430625 7

Left Out: -0.778+/-0.000 χ^2/NDF:941792568376434225486843988672512.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

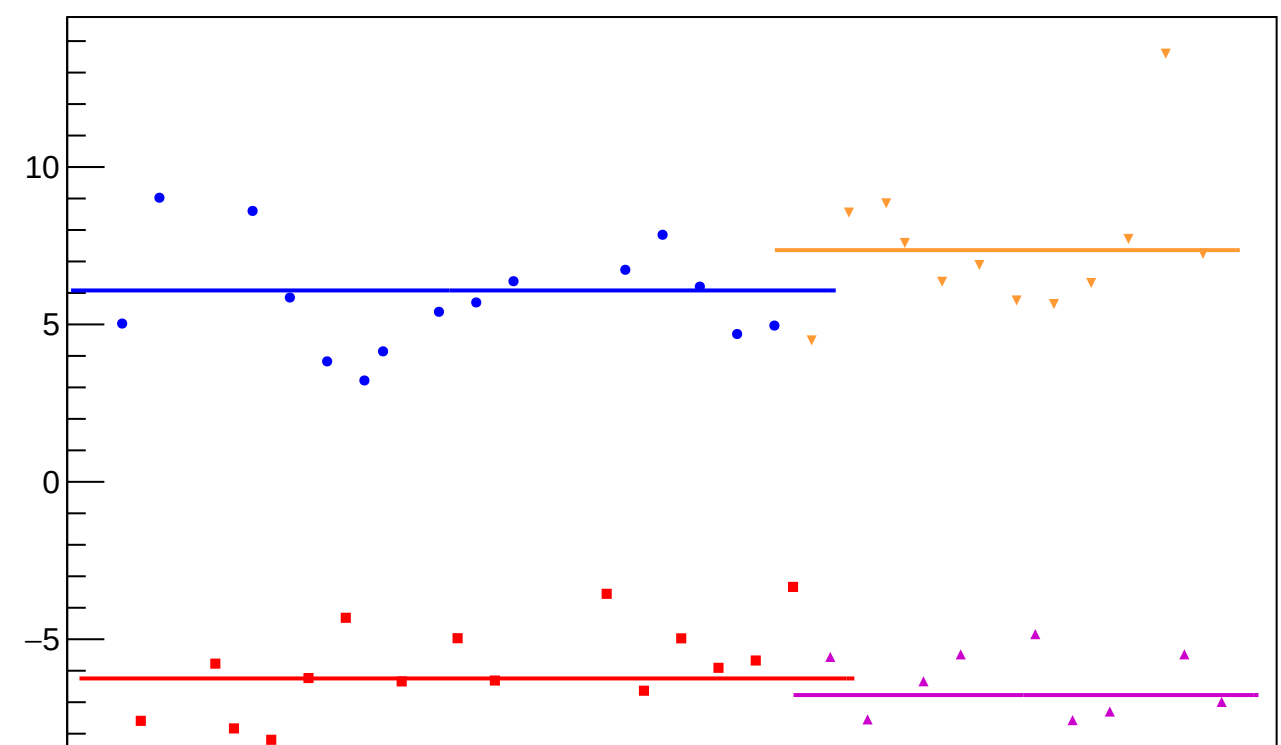
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2352648188556043 2

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

All: 0.110+/-0.000 χ^2/NDF: 5884318462286 7

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509904488253 44.0/14

Left Out: 7.360+/-0.000 χ^2/NDF:4580380755239365503585140070154240.0/11

Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

Left In: -6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

Left: 0.255+/-0.000 χ^2/NDF: 97899661429953453 6

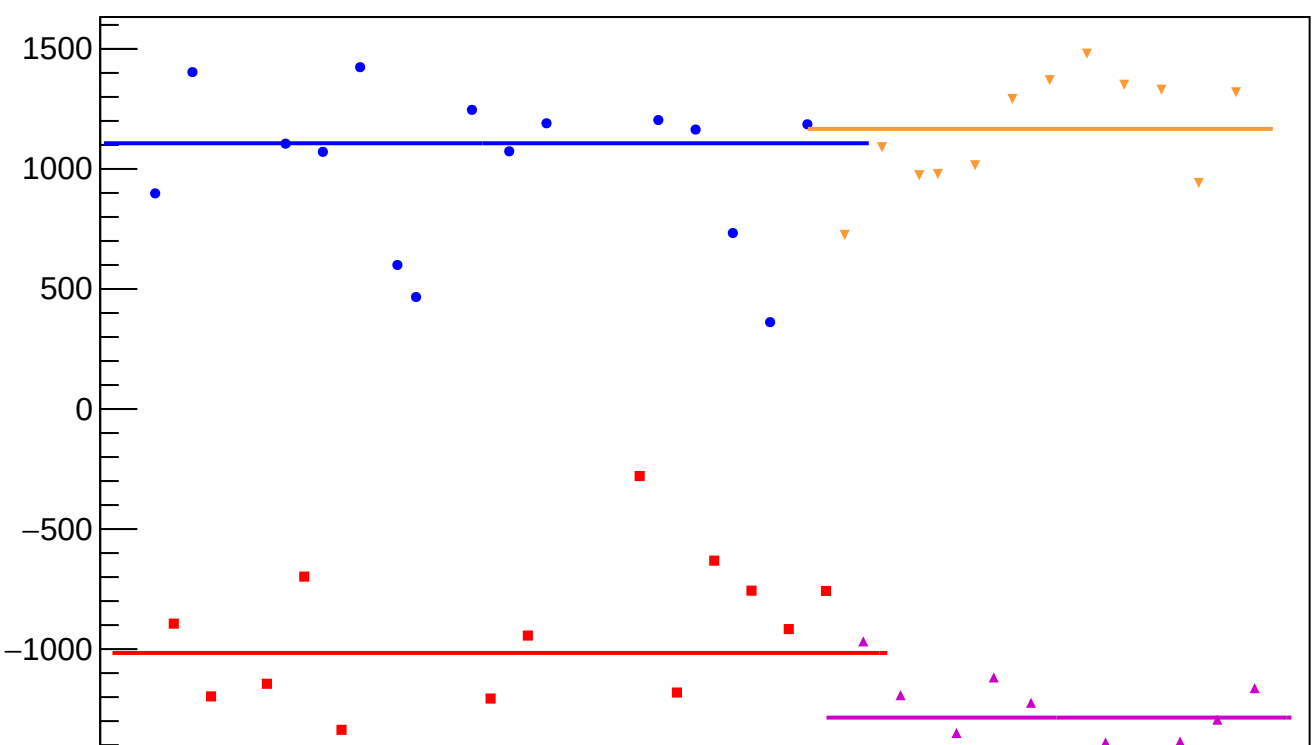
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

In: -1.470+/-0.000 χ^2/NDF:661098072576307986

Out: 1.620+/-0.000 χ^2/NDF:777700572607728020

All: 0.079+/-0.000 χ^2/NDF: 1514090769074 6

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

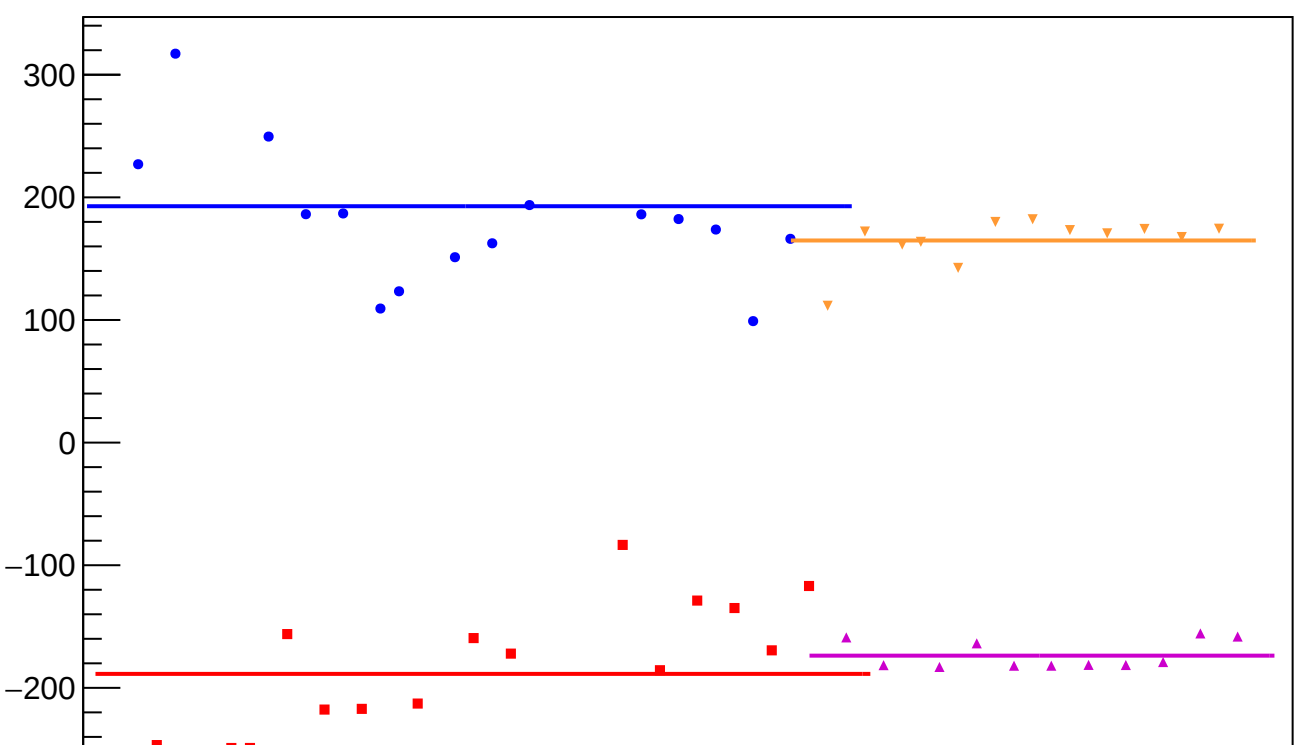
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

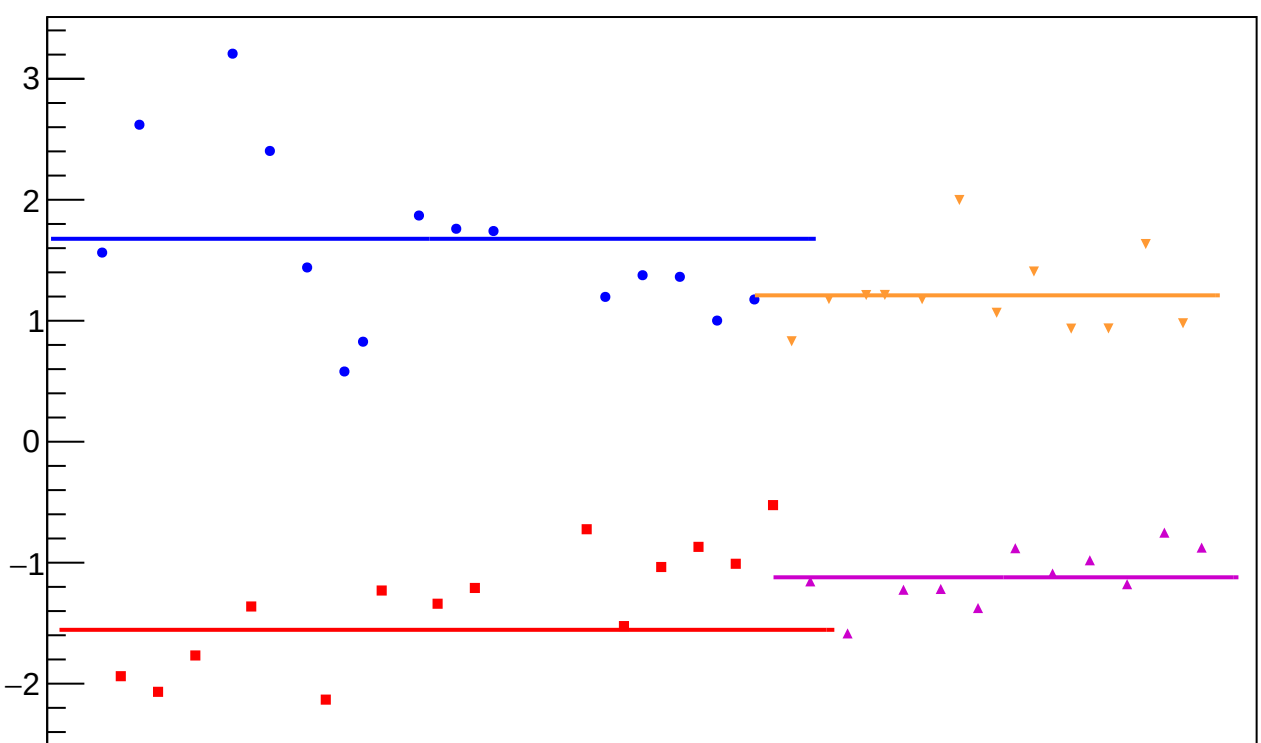
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: -5.374+/-0.000 χ^2/NDF: 5310985688490385
Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893
Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11
In: -22.521+/-0.000 χ^2/NDF:5295856655825622
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15
Out: 15.720+/-0.000 χ^2/NDF:5042417445122393
Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10
All: -3.352+/-0.000 χ^2/NDF: 1045358110774

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.038+/-0.000 χ^2/NDF: 264004662994655544

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

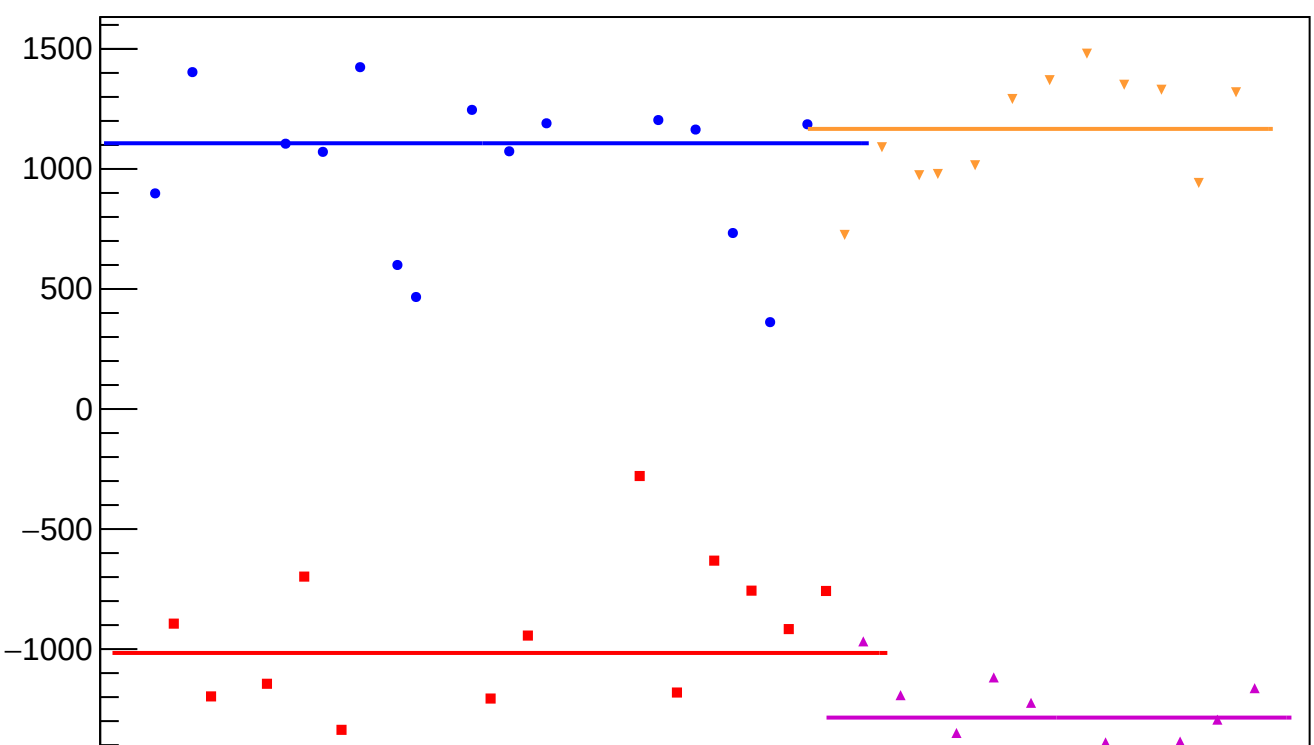
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3299071618905269 86

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6574514878756 2

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

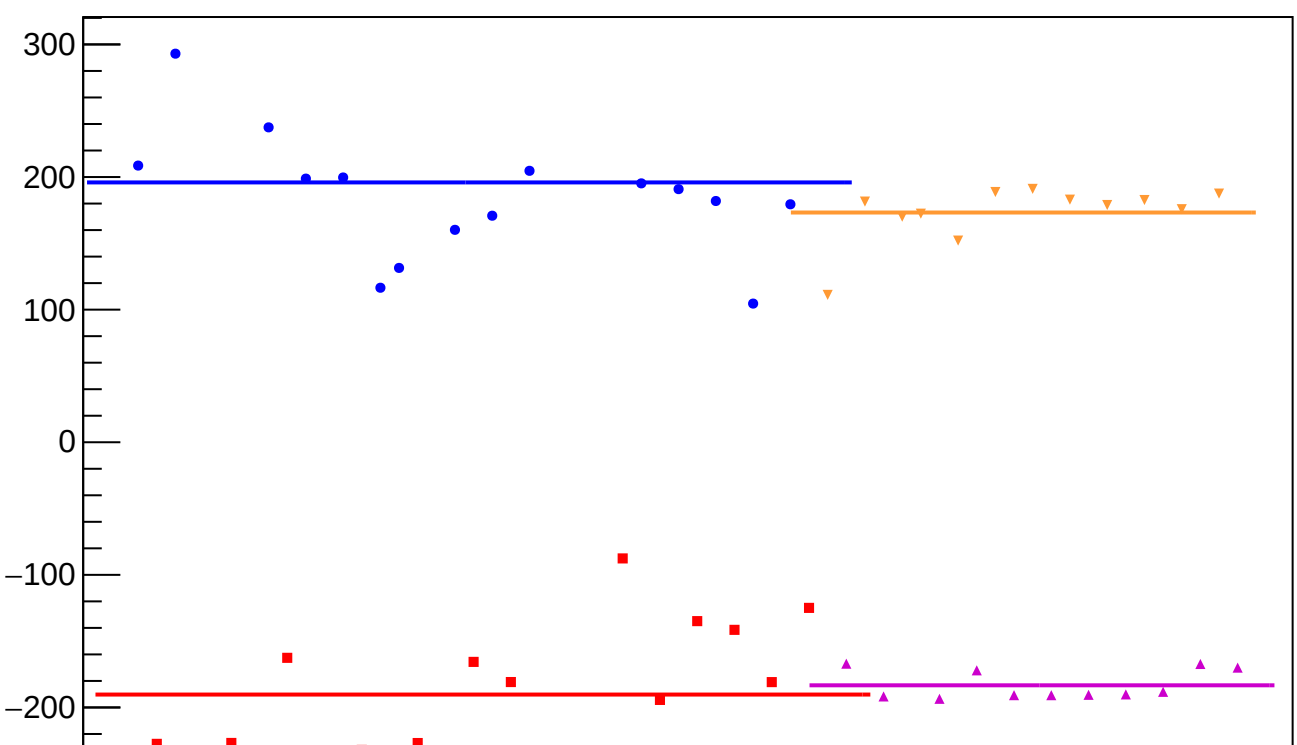
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -5.993+/-0.000 χ^2/NDF: 58931613915214401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 173.245+/-0.000 χ^2/NDF:42118974302231295677962122295456563 2.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

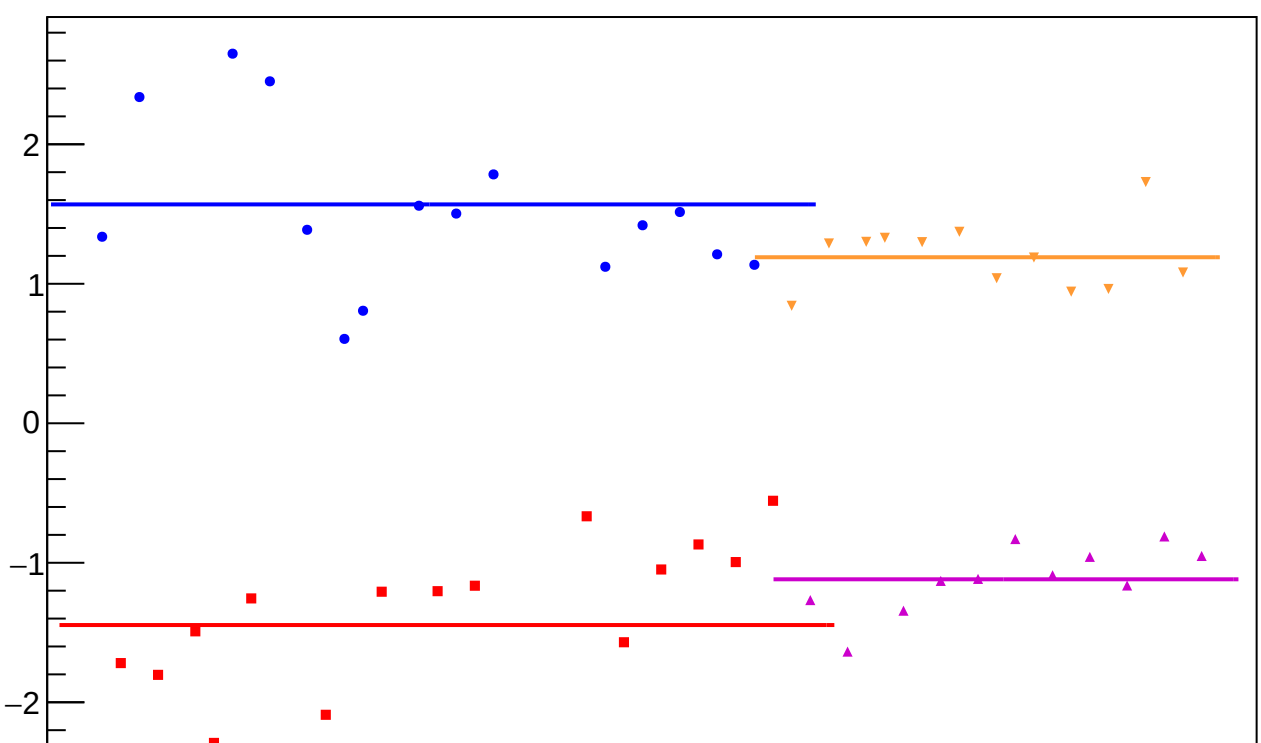
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.884+/-0.000 χ^2/NDF:52843706660567935

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.411+/-0.000 χ^2/NDF: 1105507050353

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.030+/-0.000 χ^2/NDF: 25487304289291096

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.190+/-0.000 χ^2/NDF:507458229360322173361448141455 36.0/11

In: -0.010+/-0.000 χ^2/NDF:29652626346543586

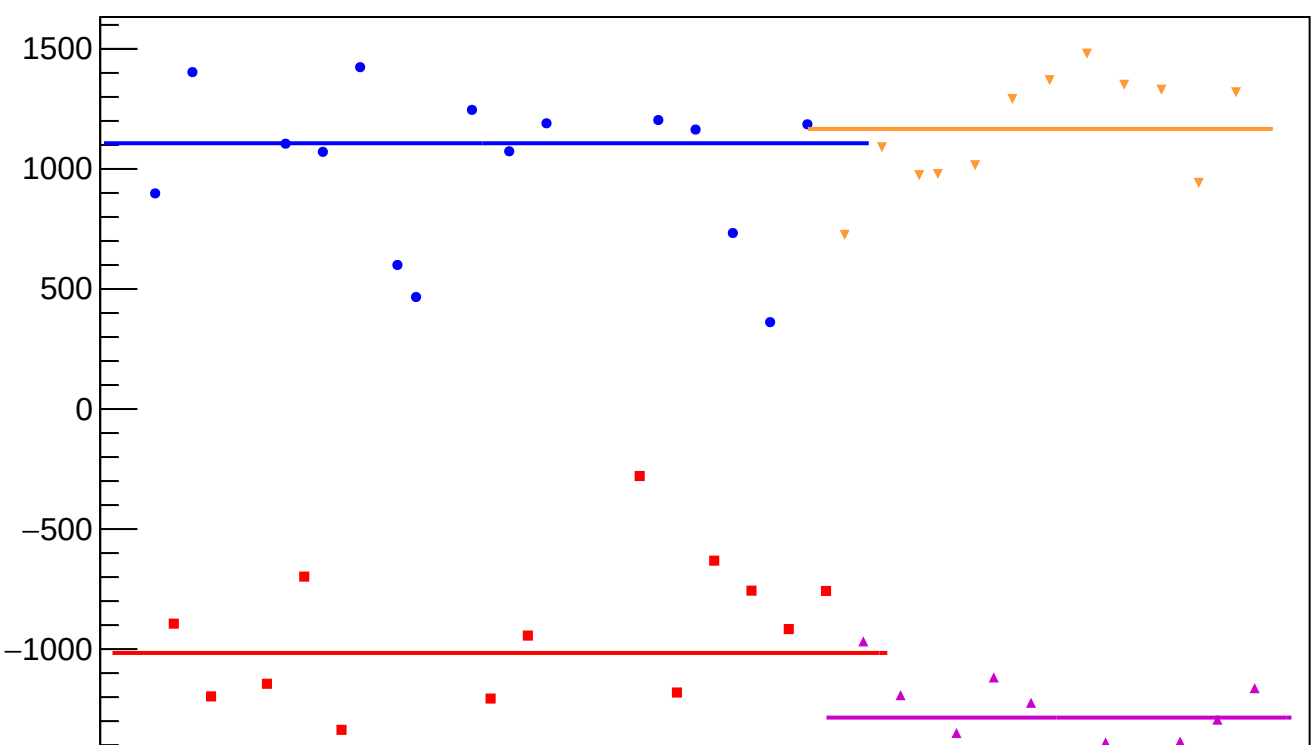
Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

Out: 0.078+/-0.000 χ^2/NDF:292745199805556393

Left In: -1.118+/-0.000 χ^2/NDF:489734969957234809118013658234 88.0/10

All: 0.034+/-0.000 χ^2/NDF: 5898755931617

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

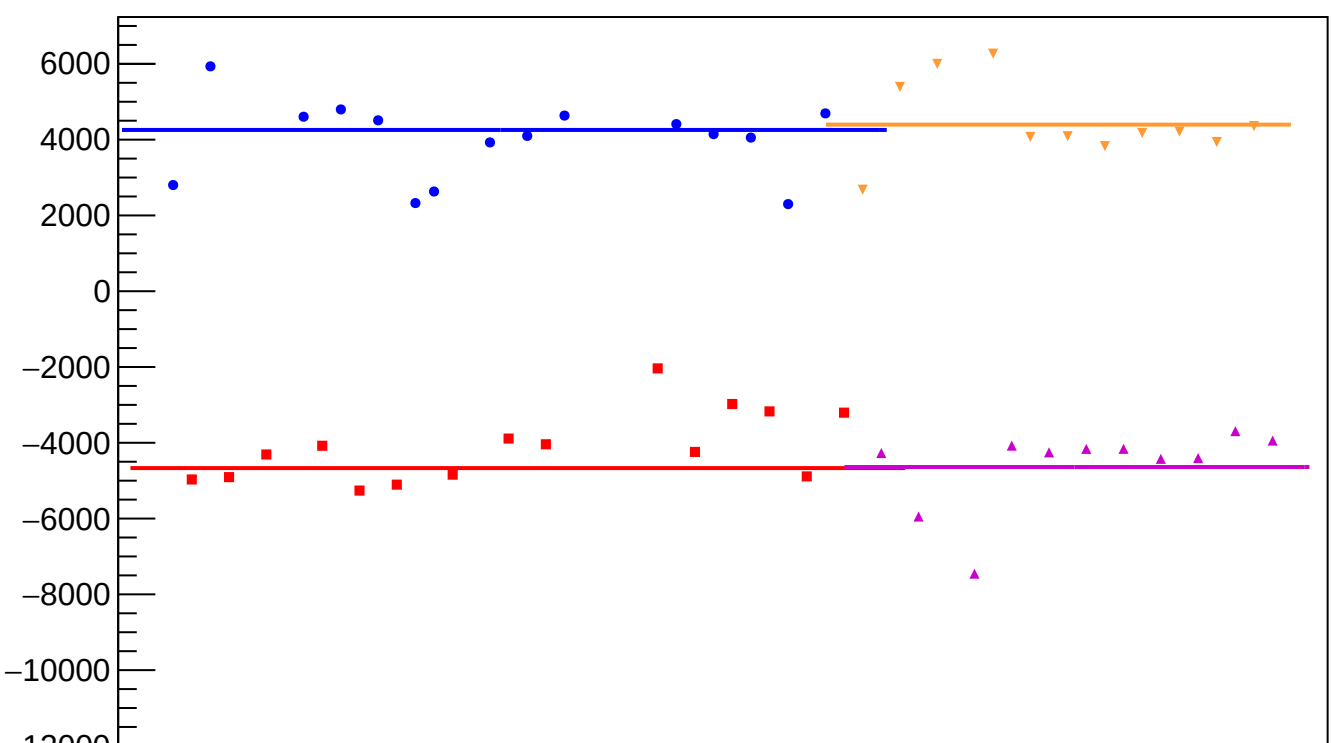
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -318.161+/-0.000 χ^2/NDF: 379100111885942

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

In: -969.372+/-0.000 χ^2/NDF:317287776834937 5

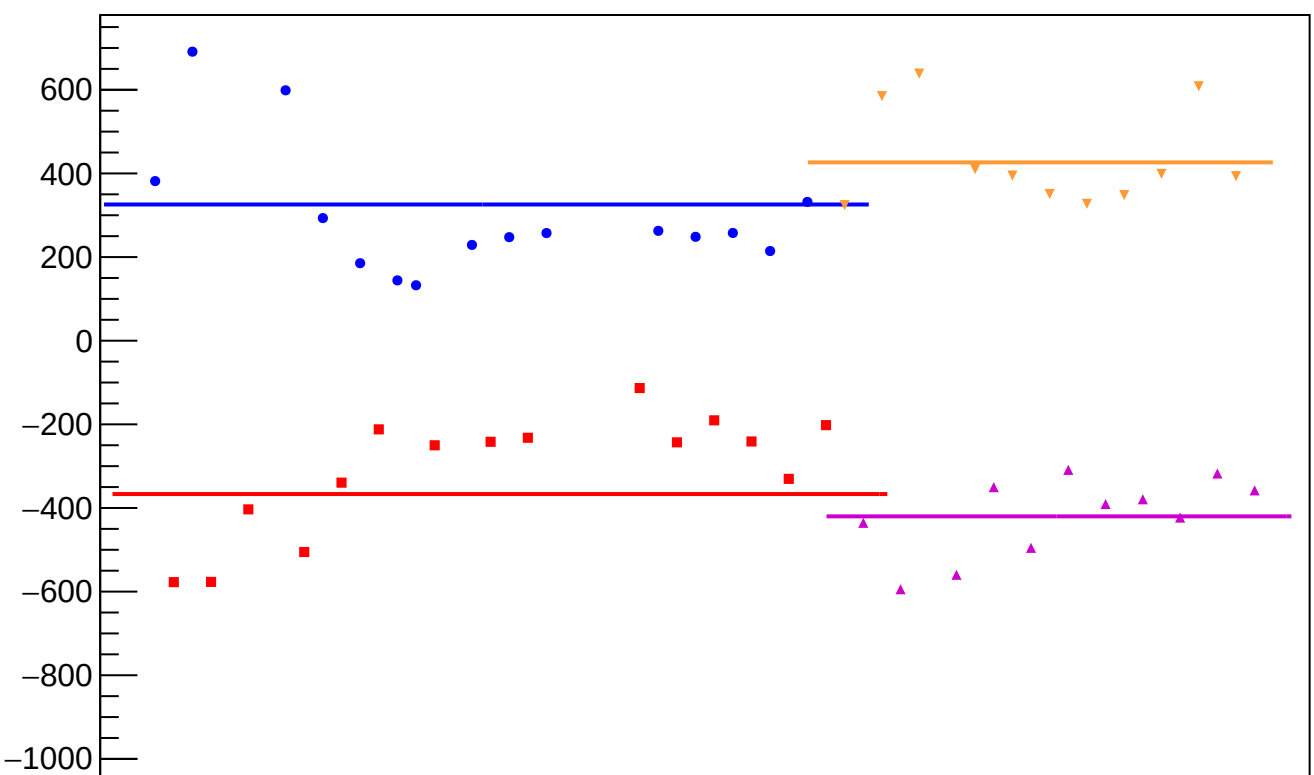
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: 403.111+/-0.000 χ^2/NDF:3462774375230397

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -296.246+/-0.000 χ^2/NDF: 6780974389 3

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

Left: -15.211+/-0.000 χ^2/NDF: 3339353872330959

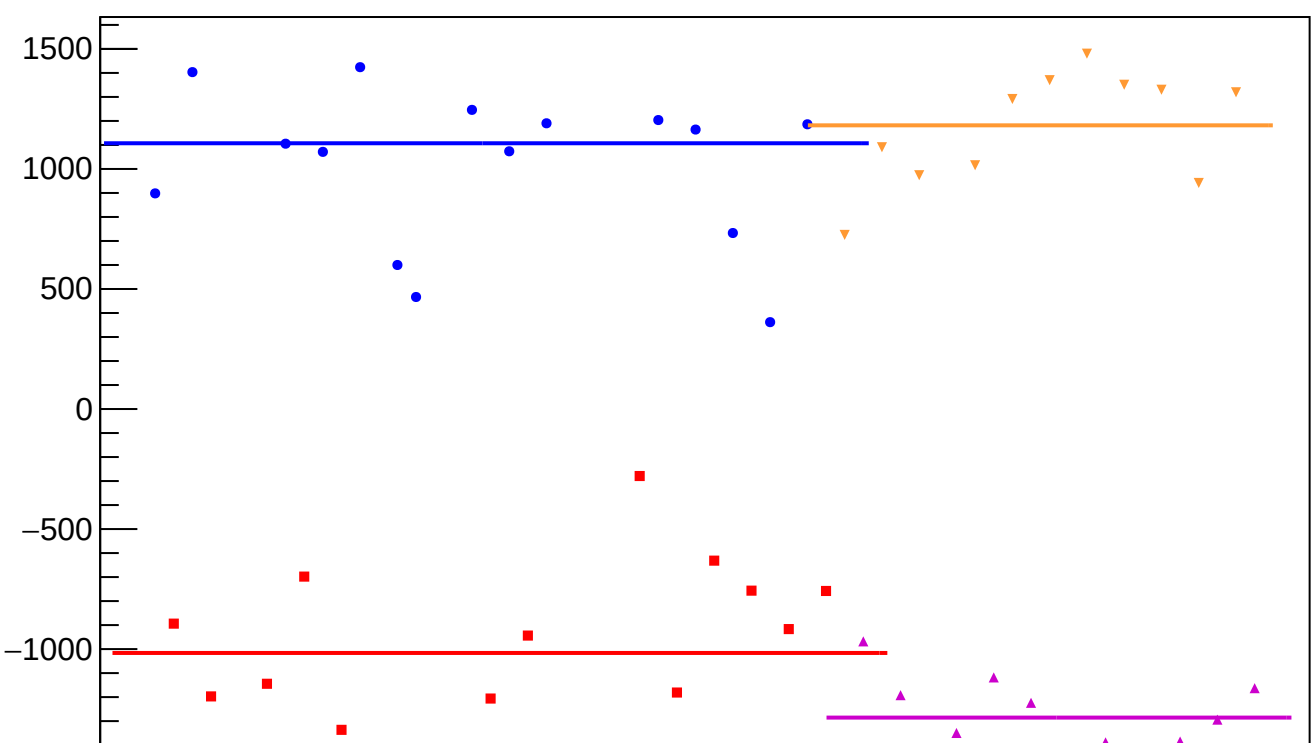
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 77.029+/-0.000 χ^2/NDF:2763927476523588 4

All: -19.474+/-0.000 χ^2/NDF: 538446931474

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -105.453+/-0.000 χ^2/NDF: 275581291950548

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

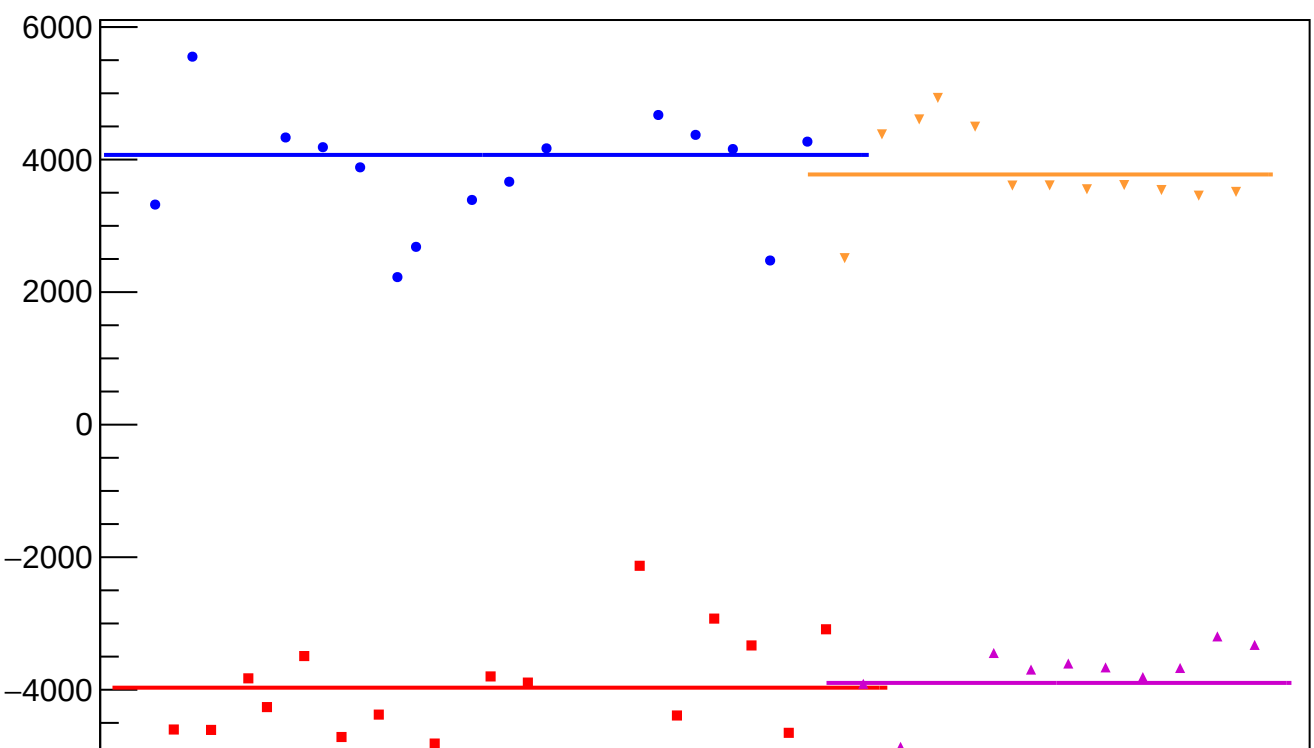
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 213.458+/-0.000 χ^2/NDF:1917151568298922

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

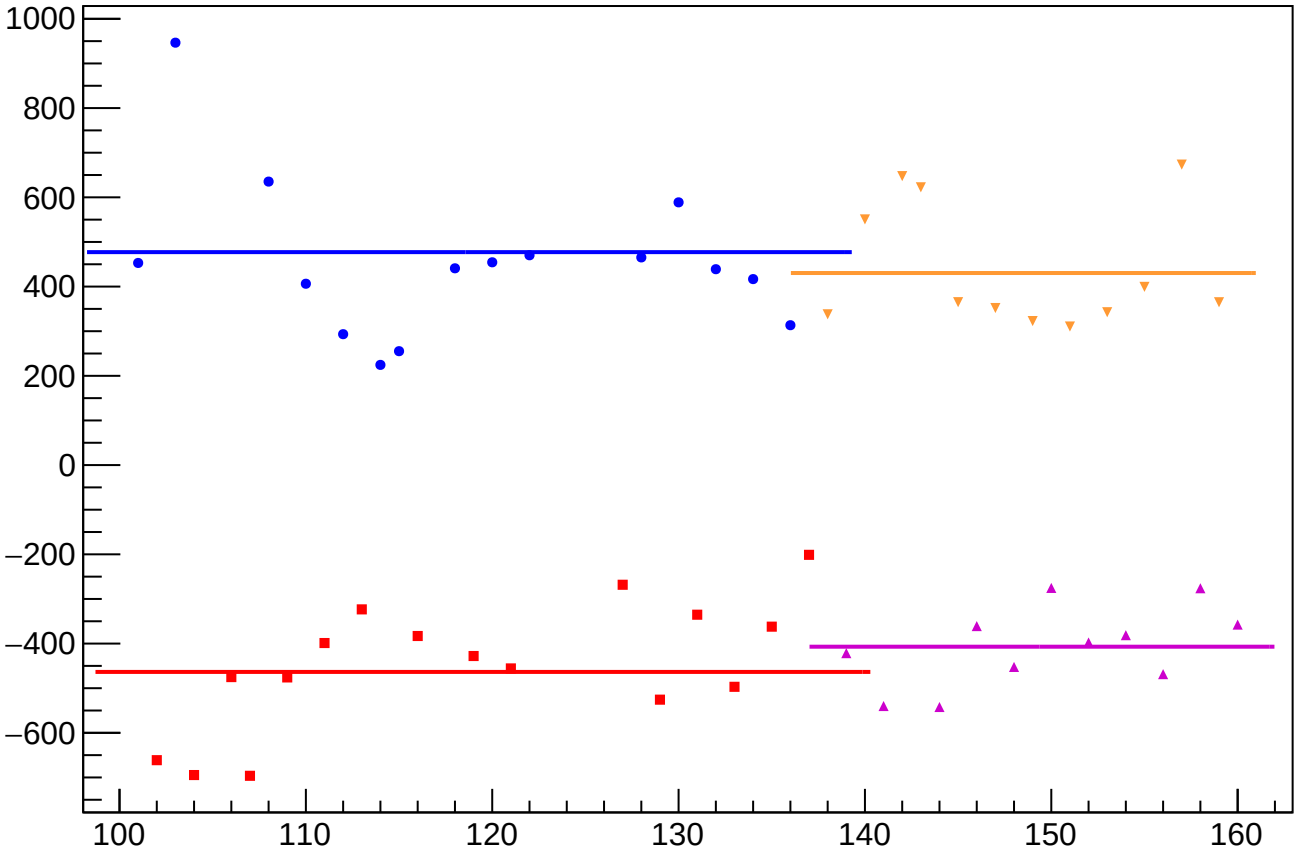
All: -47.303+/-0.000 χ^2/NDF: 436585203886

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -81.515+/-0.000 χ^2/NDF: 2780391490195932
Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721
Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720 90368.0/11
In: -609.591+/-0.000 χ^2/NDF:2495492786013162
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948 84608.0/15
Out: 508.311+/-0.000 χ^2/NDF:2383013038851413
Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531 7888.0/10
All: -49.222+/-0.000 χ^2/NDF: 497704442491

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 9.420+/-0.000 χ^2/NDF: 344329492492659373

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964 5

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342 9

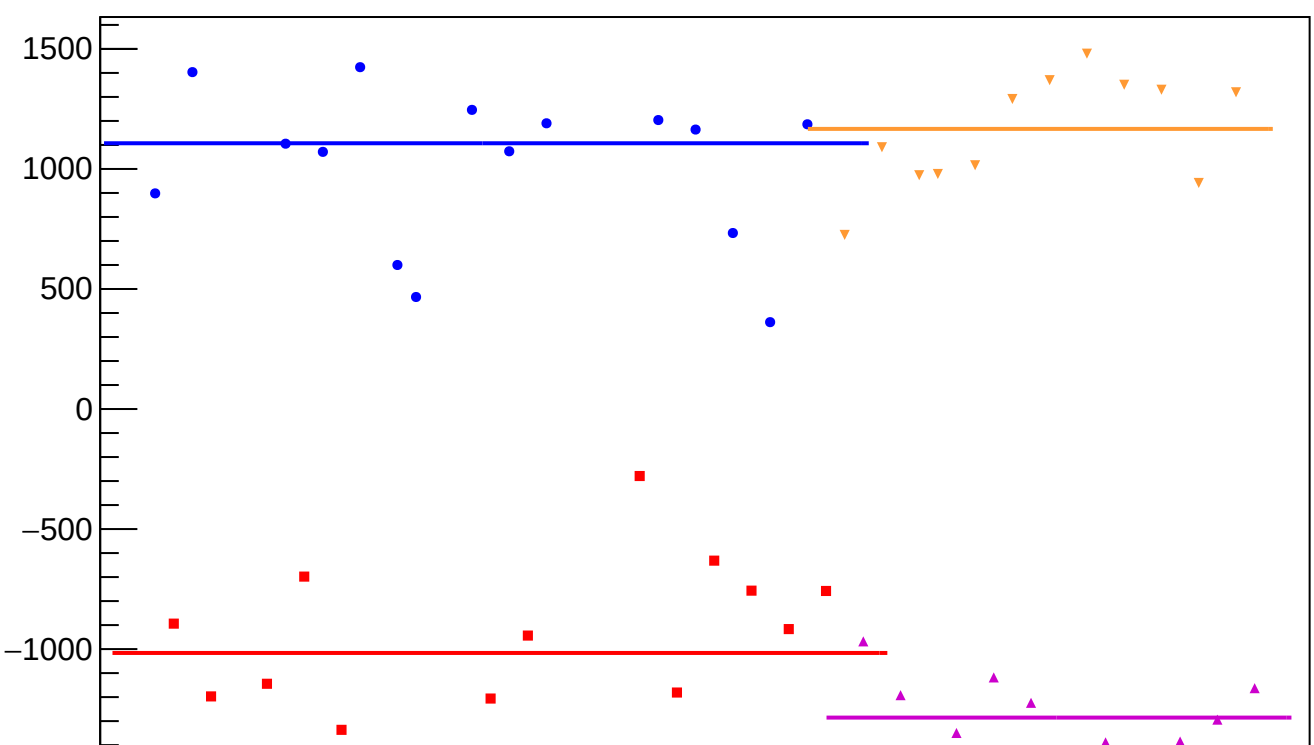
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: 53.263+/-0.000 χ^2/NDF:335798727770619 70

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

All: 5.658+/-0.000 χ^2/NDF: 6684867613361 8

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

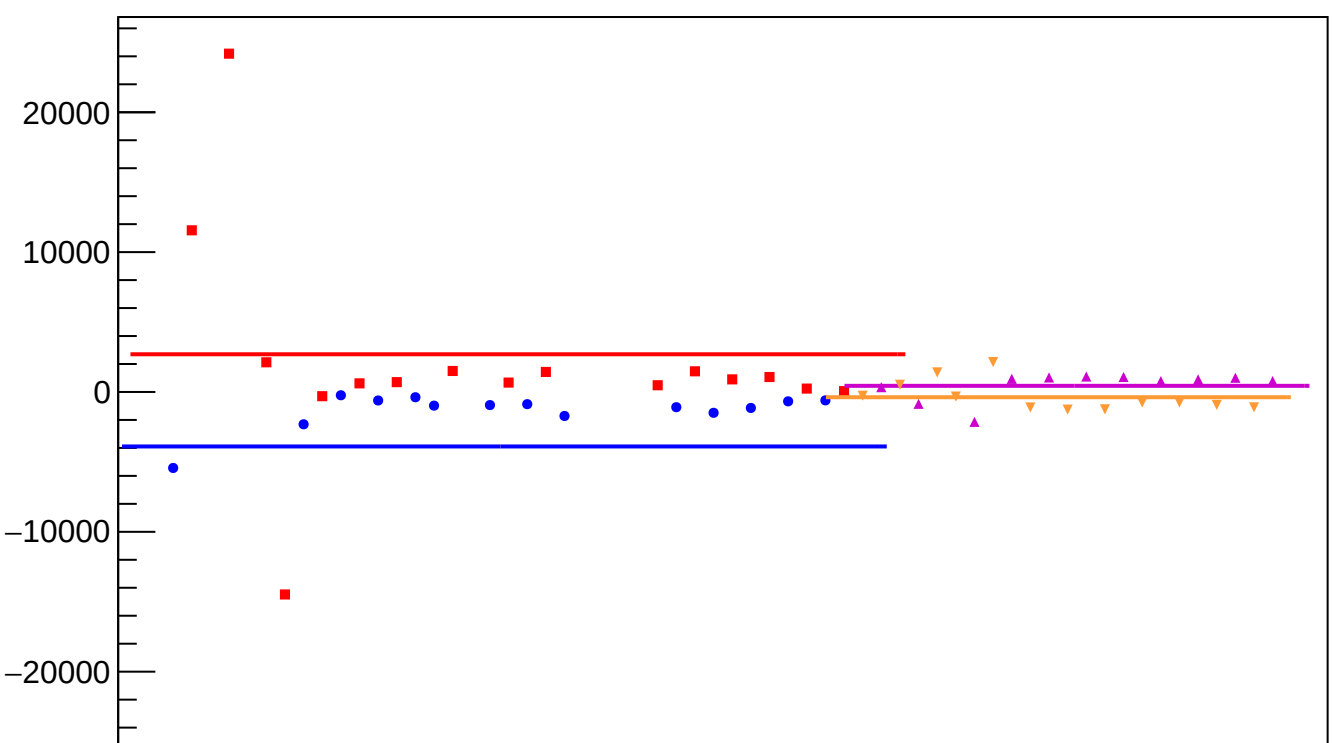
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

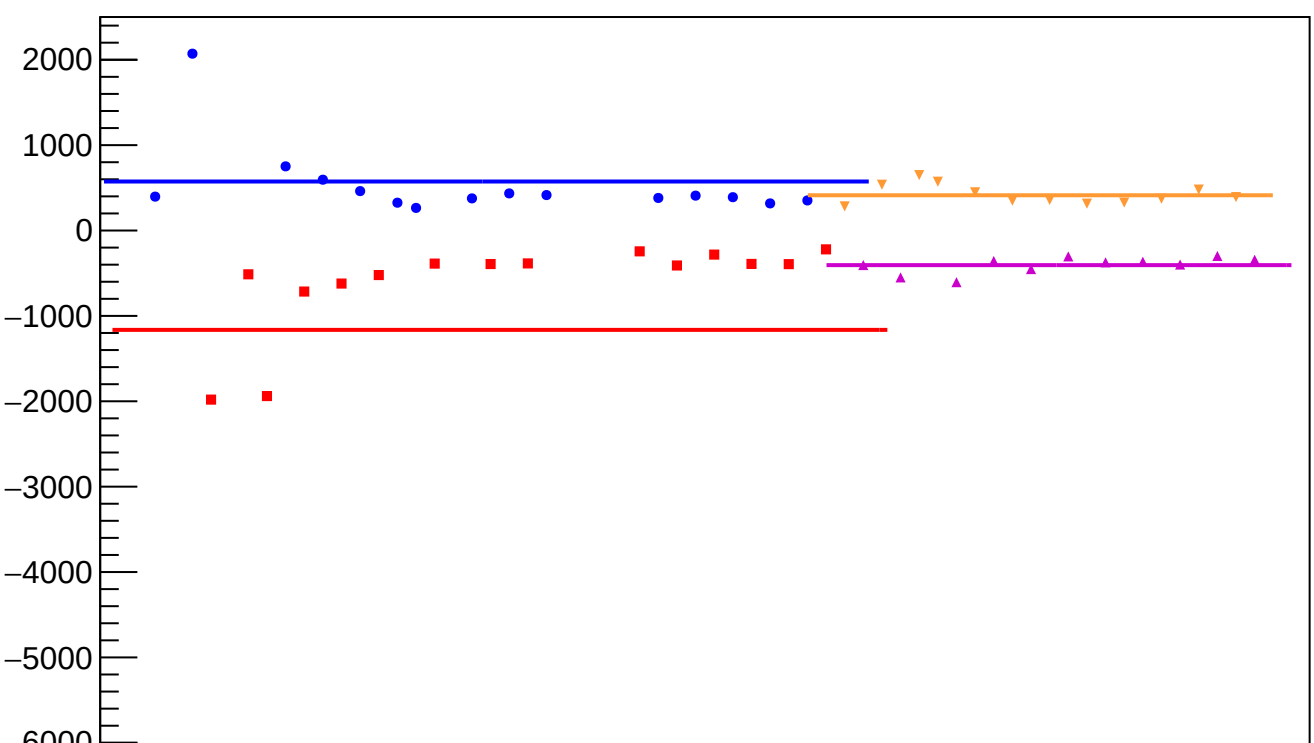
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl1_coil4_mean vs Slug, Sign Corrected



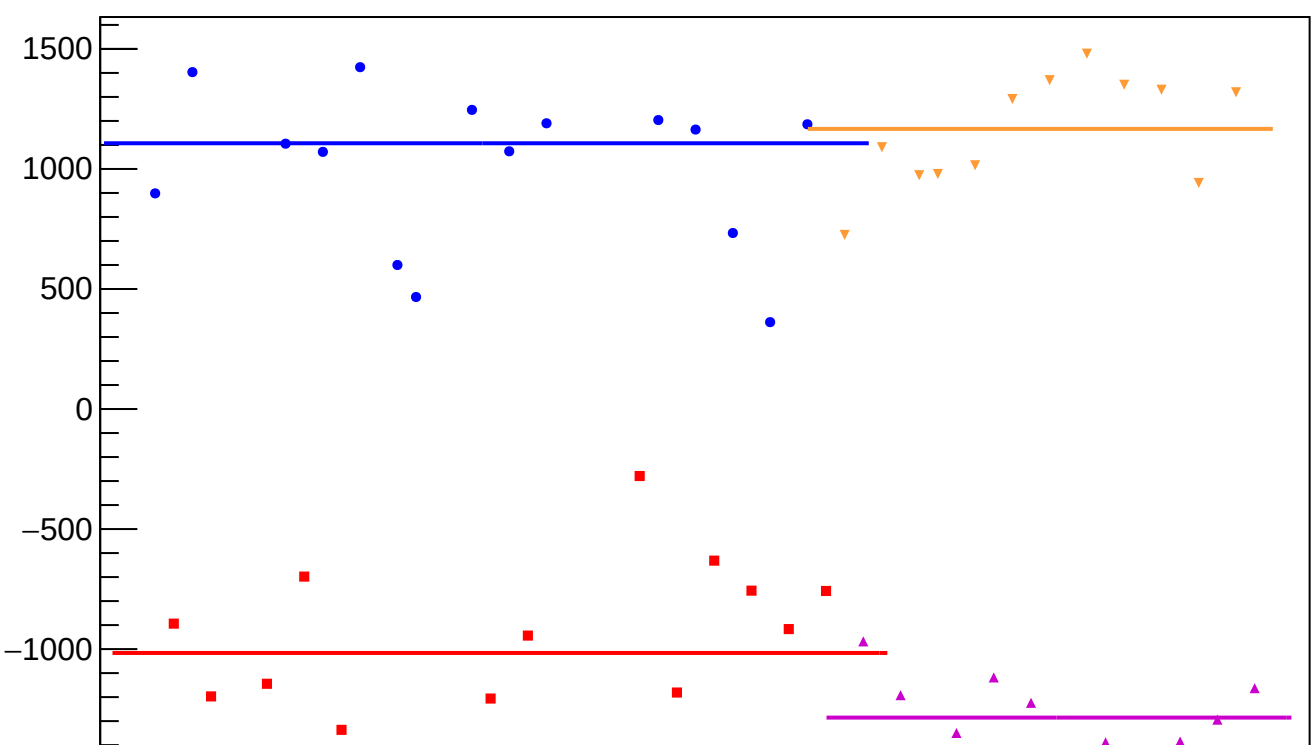
Left: 34.146+/-0.000 χ^2/NDF: 2184653590245034
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 920.357+/-0.000 χ^2/NDF:4541872793007468
Left In: 439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10
All: -211.749+/-0.000 χ^2/NDF: 9718813734 4

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 1.597+/-0.000 χ^2/NDF: 32522110250256488
Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877 4400.0/11
In: -1.272+/-0.000 χ^2/NDF:52590706013757462 0
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -252.175+/-0.000 χ^2/NDF:297119265978560
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -127.041+/-0.000 χ^2/NDF: 3546737232 5

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

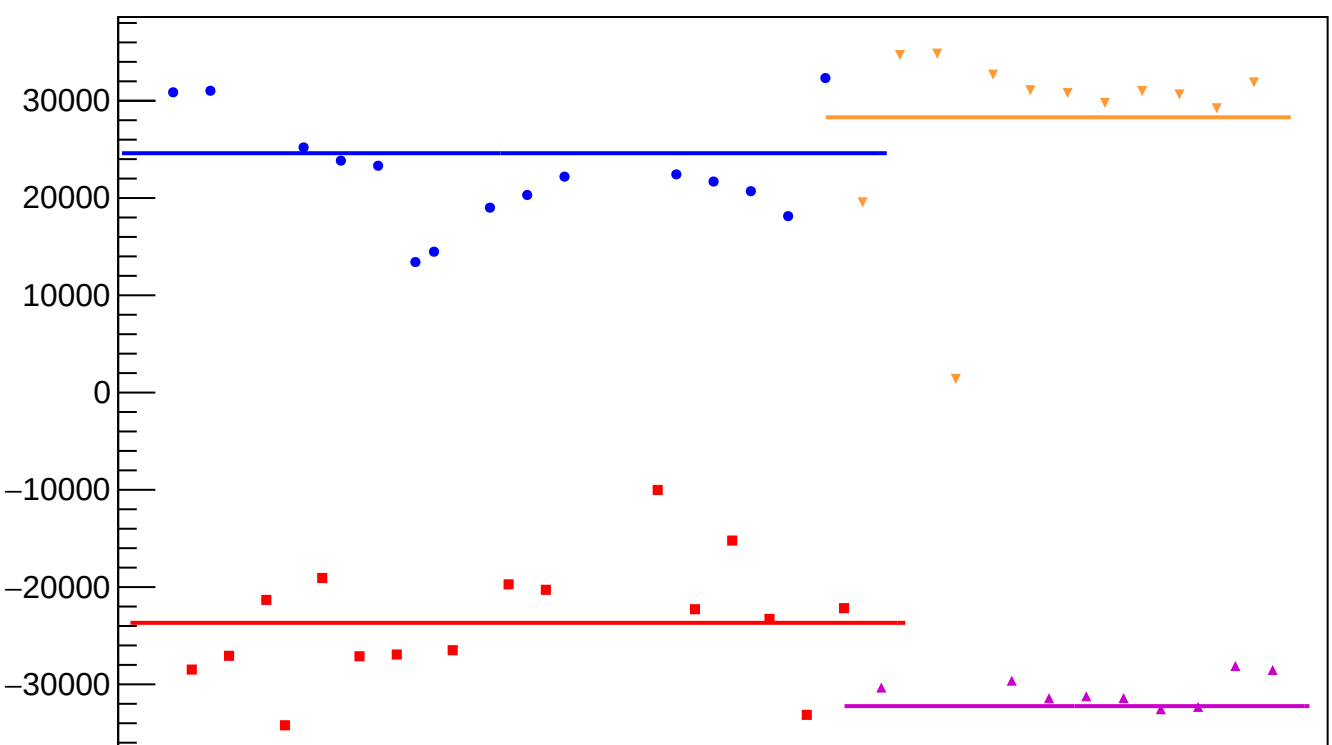
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -2133.166+/-0.000 χ^2/NDF: 17608276129881

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 28302.359+/-0.000 χ^2/NDF:647439605765260731478527893268239346565 12.0/11

In: -8784.508+/-0.000 χ^2/NDF:126151138901902

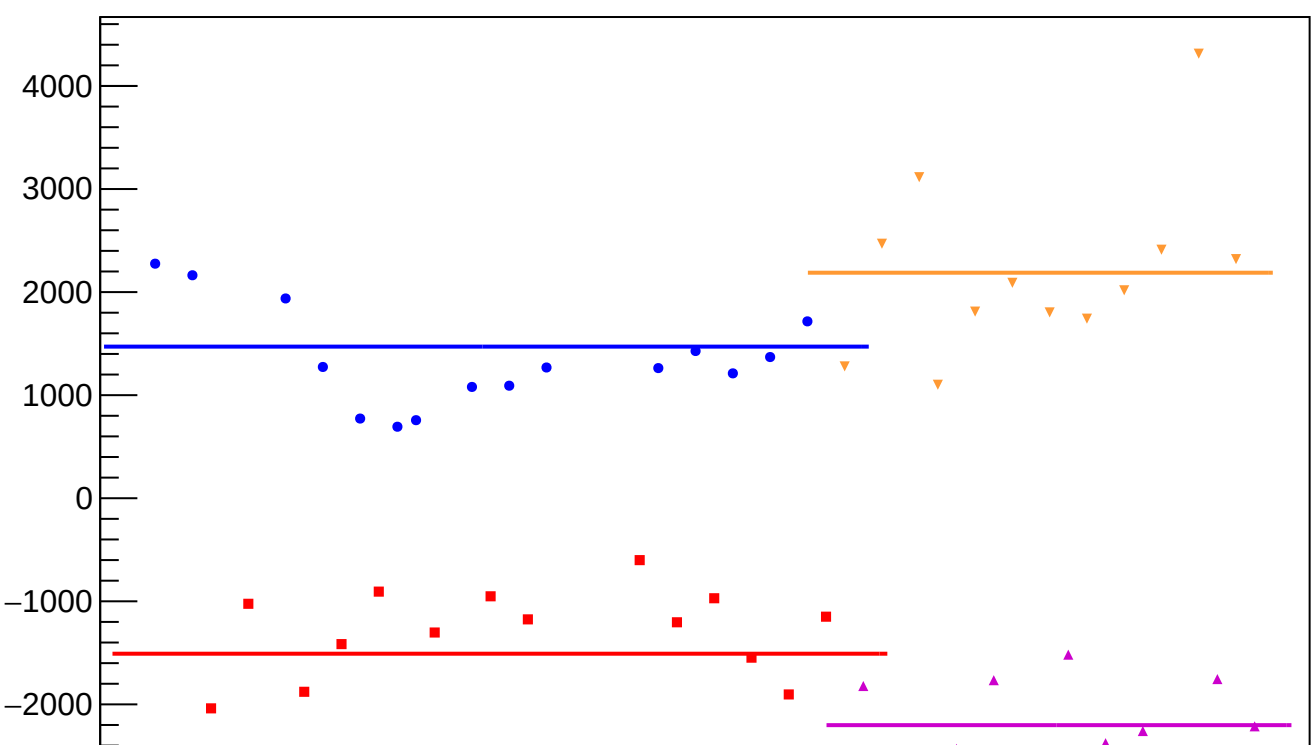
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: 6374.346+/-0.000 χ^2/NDF:113128775072899

Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10

All: -1185.856+/-0.000 χ^2/NDF: 2573988051

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

Left: -18.662+/-0.000 χ^2/NDF: 9604851757835687

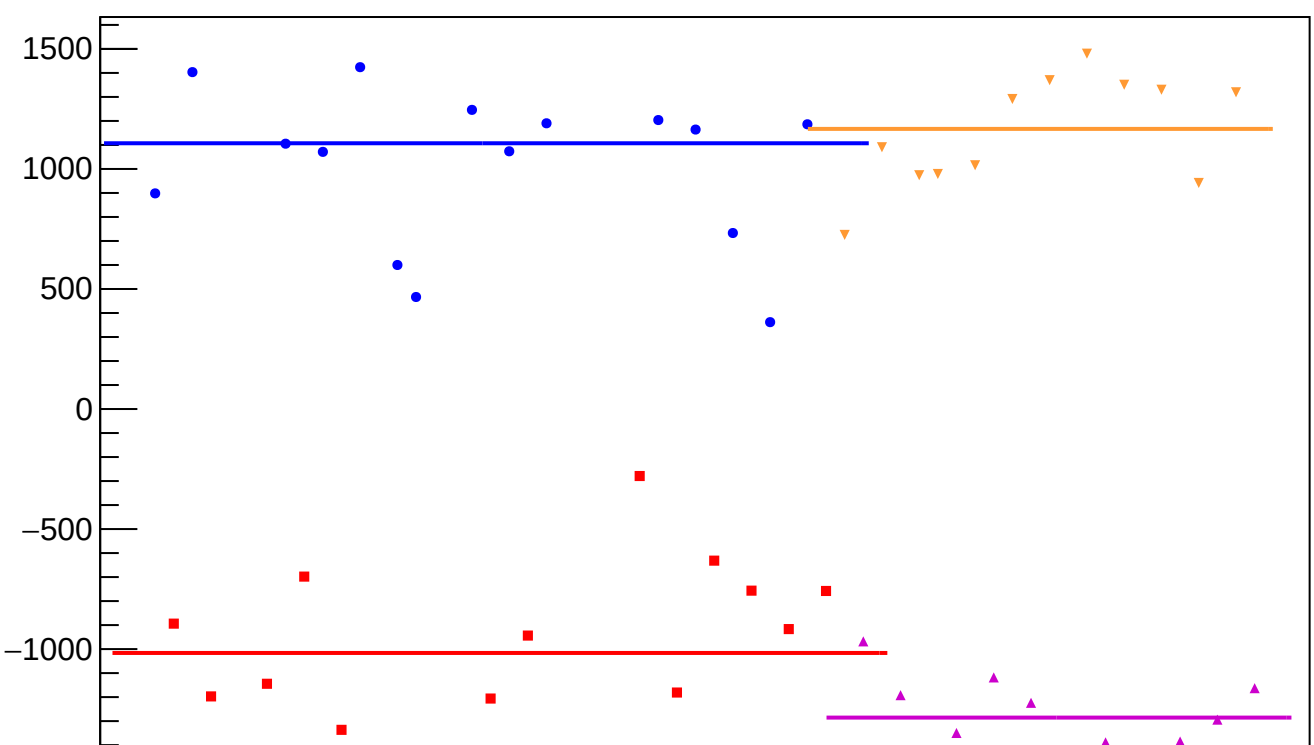
Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

Out: 628.599+/-0.000 χ^2/NDF:6113094829757836

All: -27.171+/-0.000 χ^2/NDF: 129146441419

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

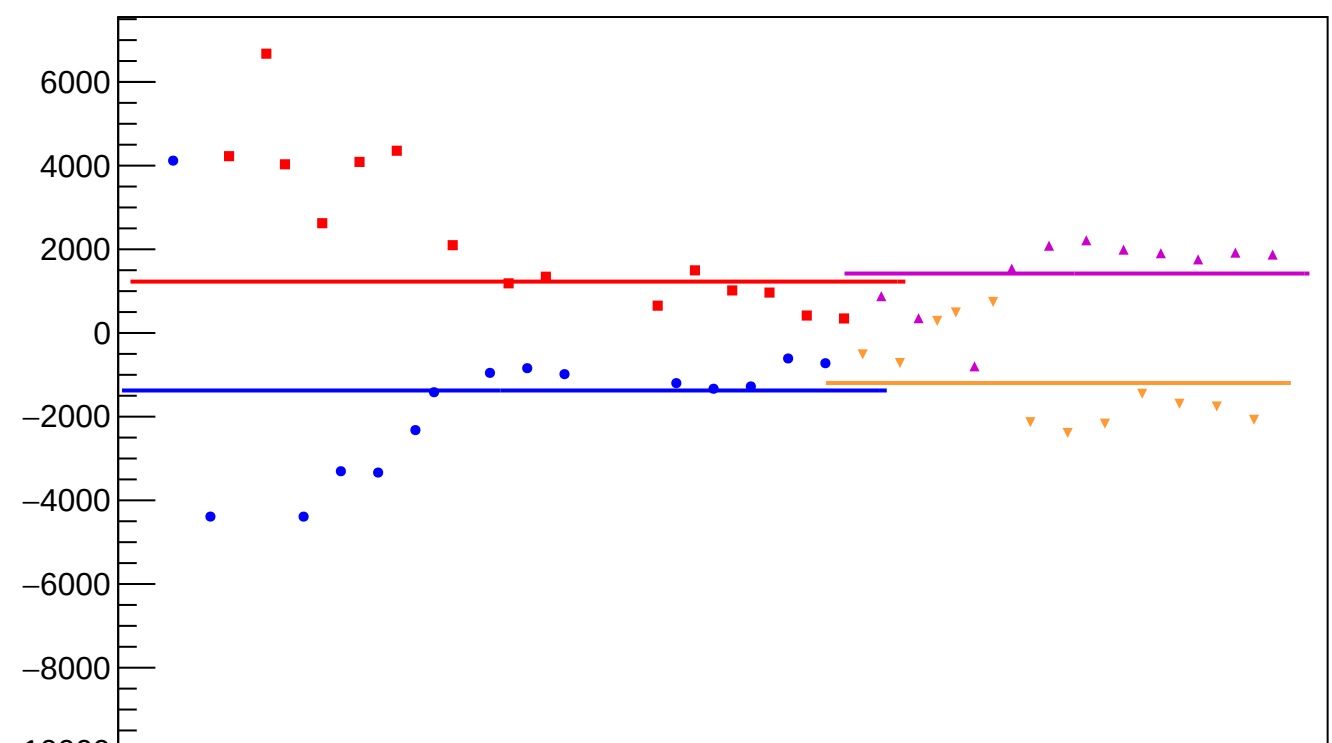
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 120.030+/-0.000 χ^2/NDF: 4904926728039627

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11

In: 267.494+/-0.000 χ^2/NDF:67996212905624210

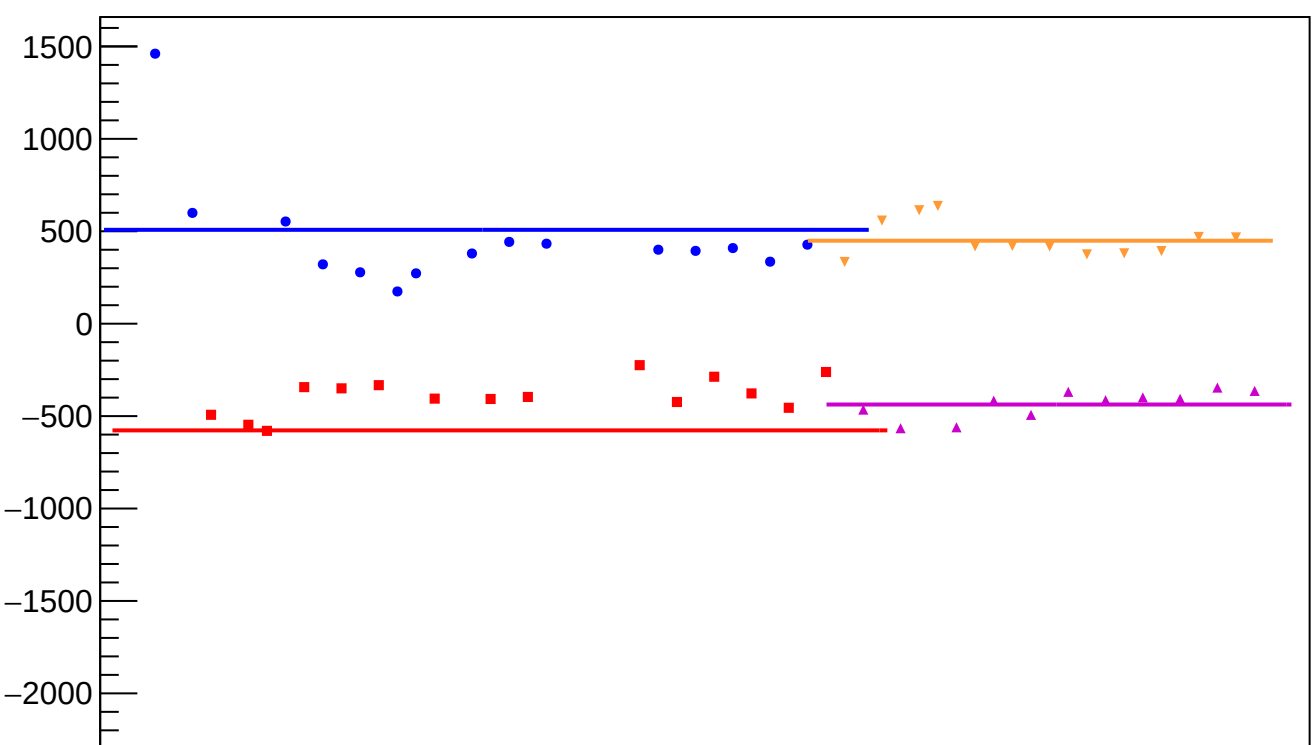
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -172.811+/-0.000 χ^2/NDF:143918754957920

Left In: 1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

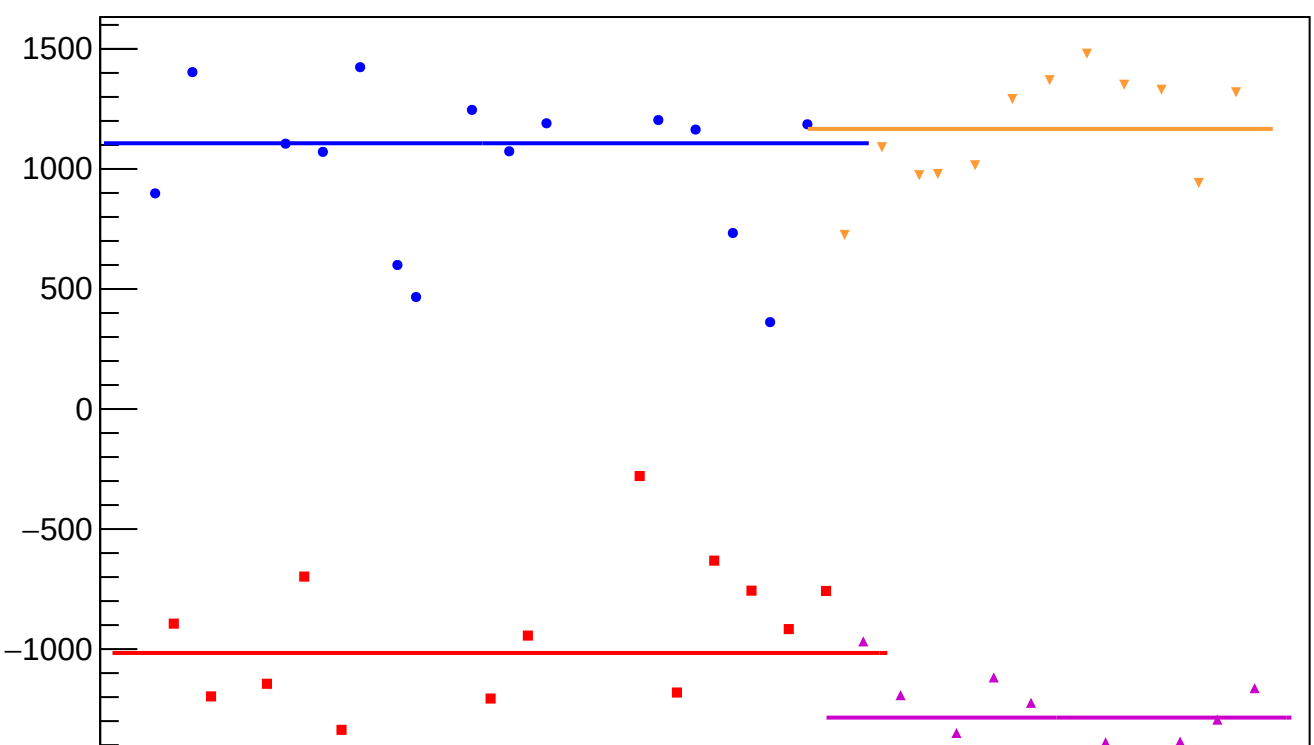
All: 46.783+/-0.000 χ^2/NDF: 2134436142325

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 3.384+/-0.000 χ^2/NDF: 372721142857858509
Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14
Right: -42.141+/-0.000 χ^2/NDF: 692705775128653
Left Out: 448.905+/-0.000 χ^2/NDF:697244496904172592974411149414812876 8.0/11
In: -47.369+/-0.000 χ^2/NDF:40955291948460460
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15
Out: 15.985+/-0.000 χ^2/NDF:6542986018799037 5
Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10
All: -15.611+/-0.000 χ^2/NDF: 106701634148

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

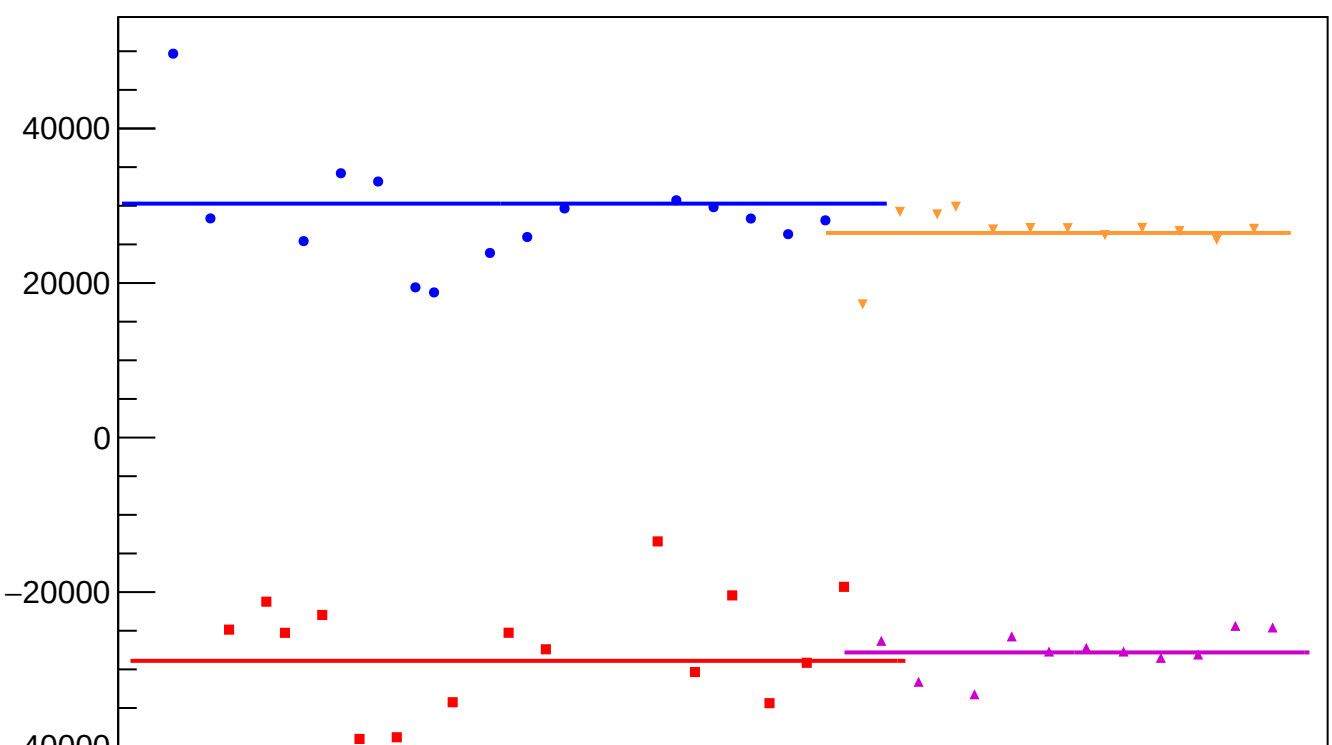
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr2_coil4_mean vs Slug, Sign Corrected



Left: -807.954+/-0.000 χ^2/NDF: 136920382018106

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 122974265906167

Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11

In: -3842.144+/-0.000 χ^2/NDF:132338595511608

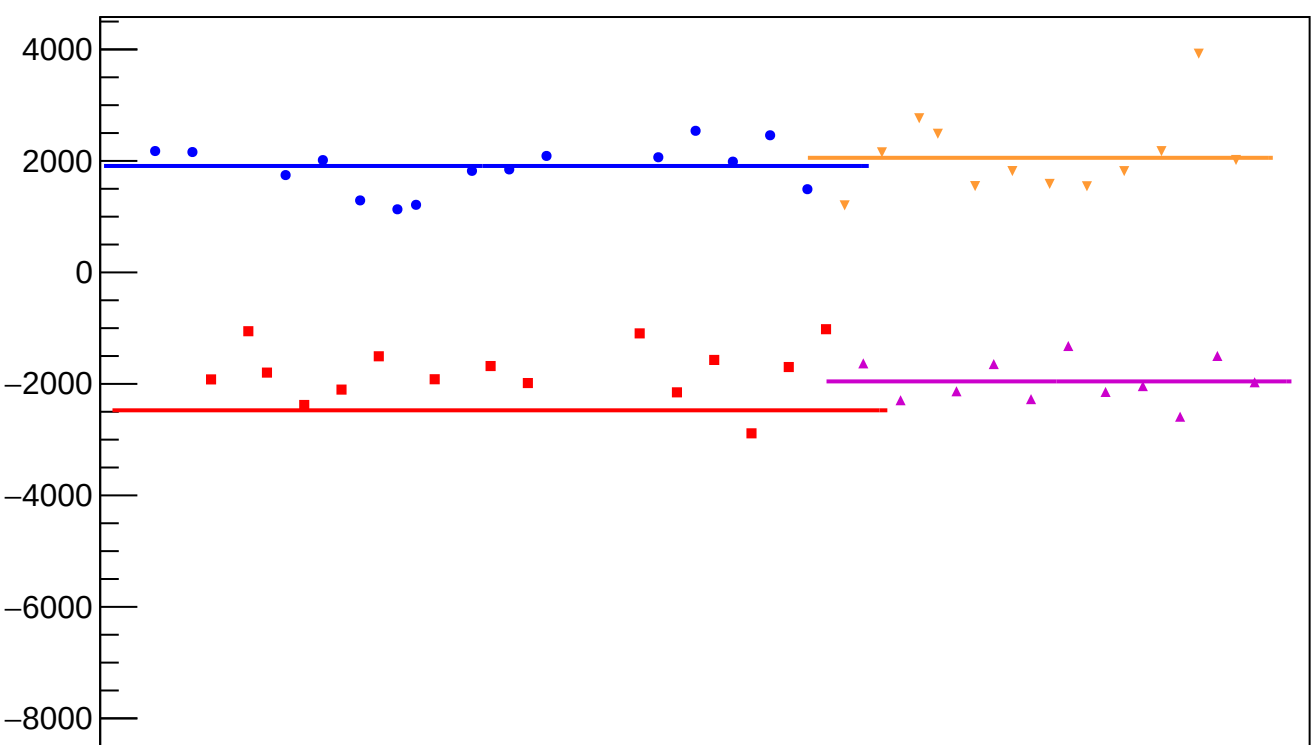
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 3121.457+/-0.000 χ^2/NDF:123824278408227

Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

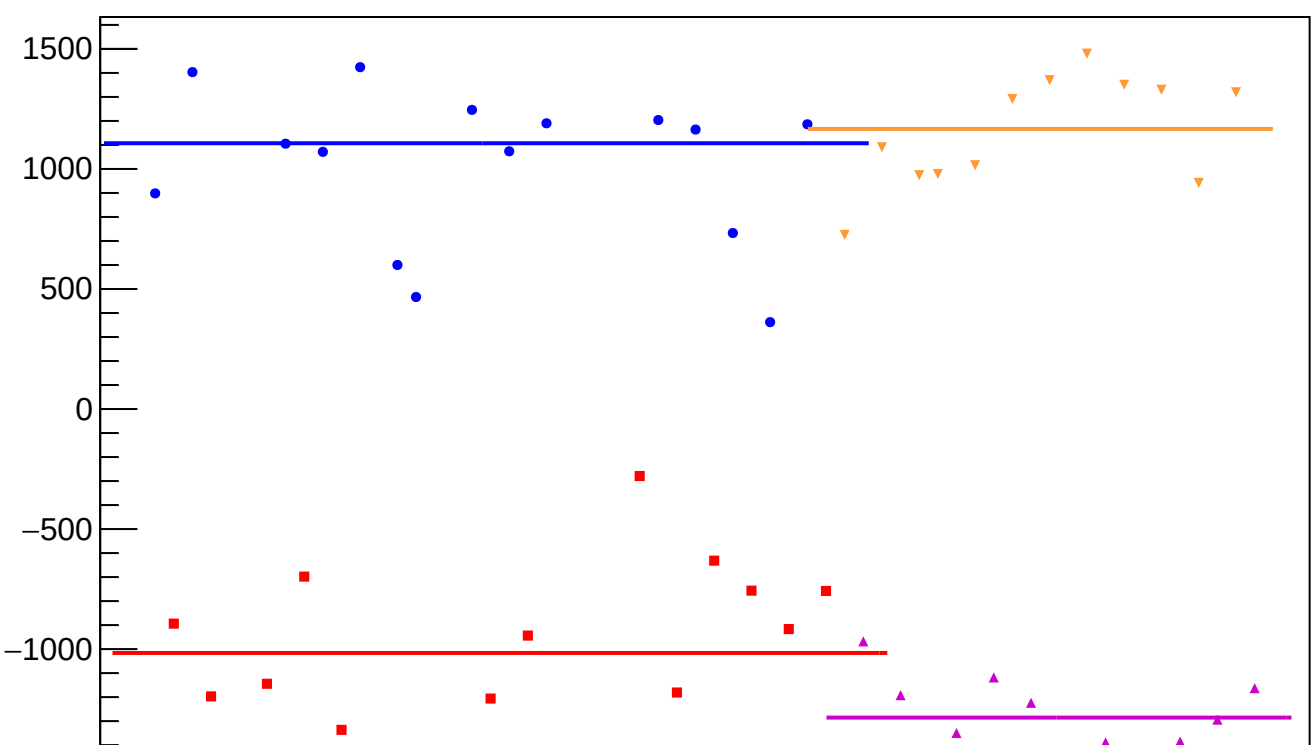
All: -351.512+/-0.000 χ^2/NDF: 25998642244

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 39.326+/-0.000 χ^2/NDF: 7957562789536415
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
Out: 144.749+/-0.000 χ^2/NDF:113840153379649 7
Left In: -1955.312+/-0.000 χ^2/NDF:126909052383838166035294082177347616768.0/10
All: -107.368+/-0.000 χ^2/NDF: 17494221106

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

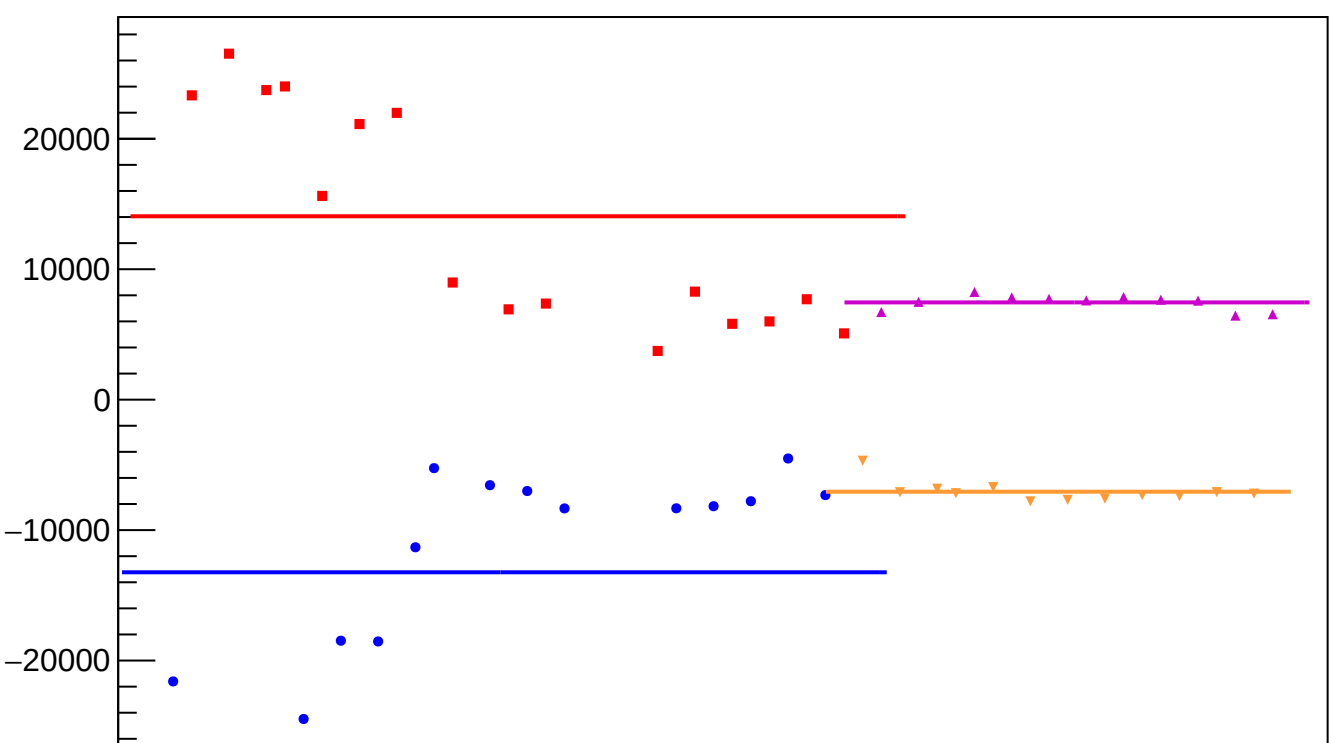
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 238.790+/-0.000 χ^2/NDF: 9764033800523105

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

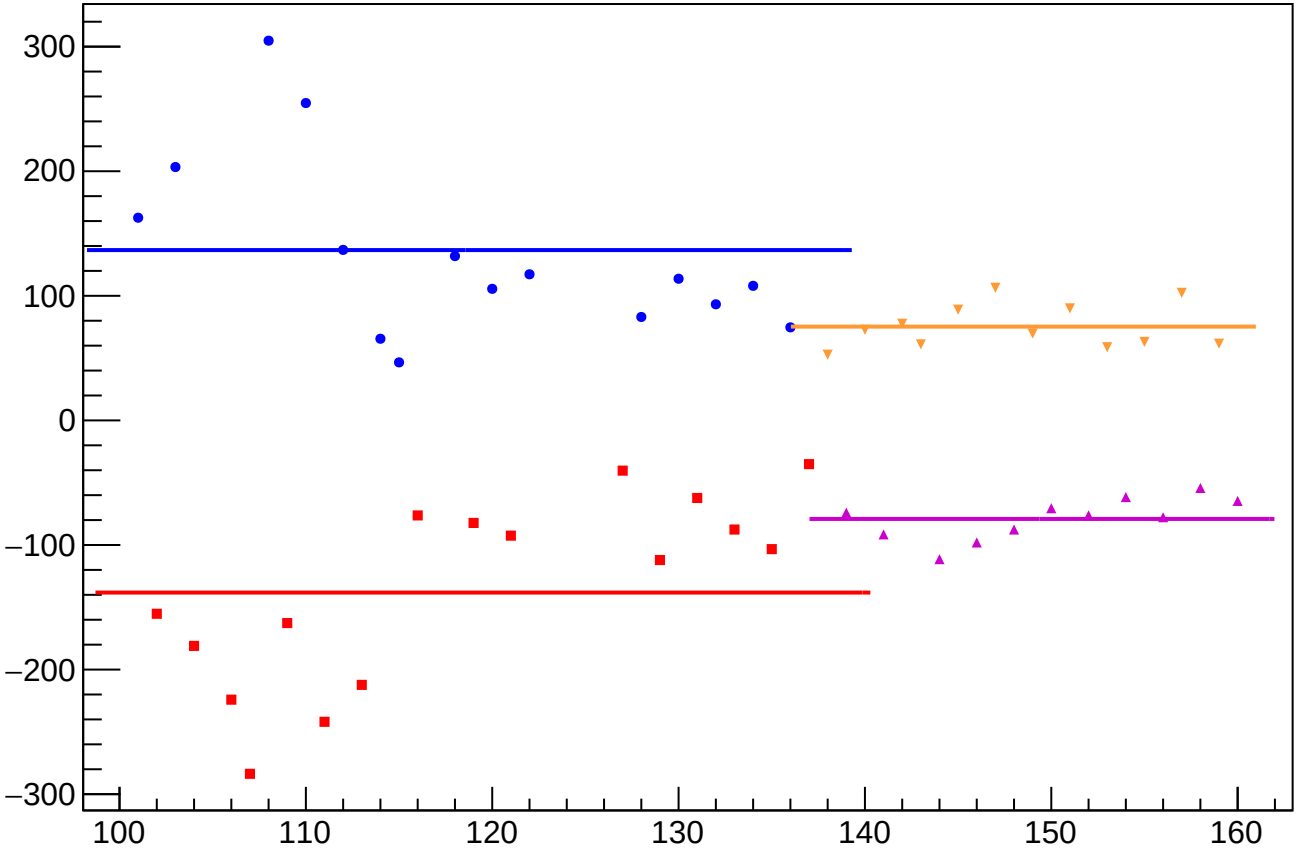
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1851.692+/-0.000 χ^2/NDF:217018548162785

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.515+/-0.000 χ^2/NDF: 42852532173 5

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -2.328+/-0.000 χ^2/NDF: 11465996409891891

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

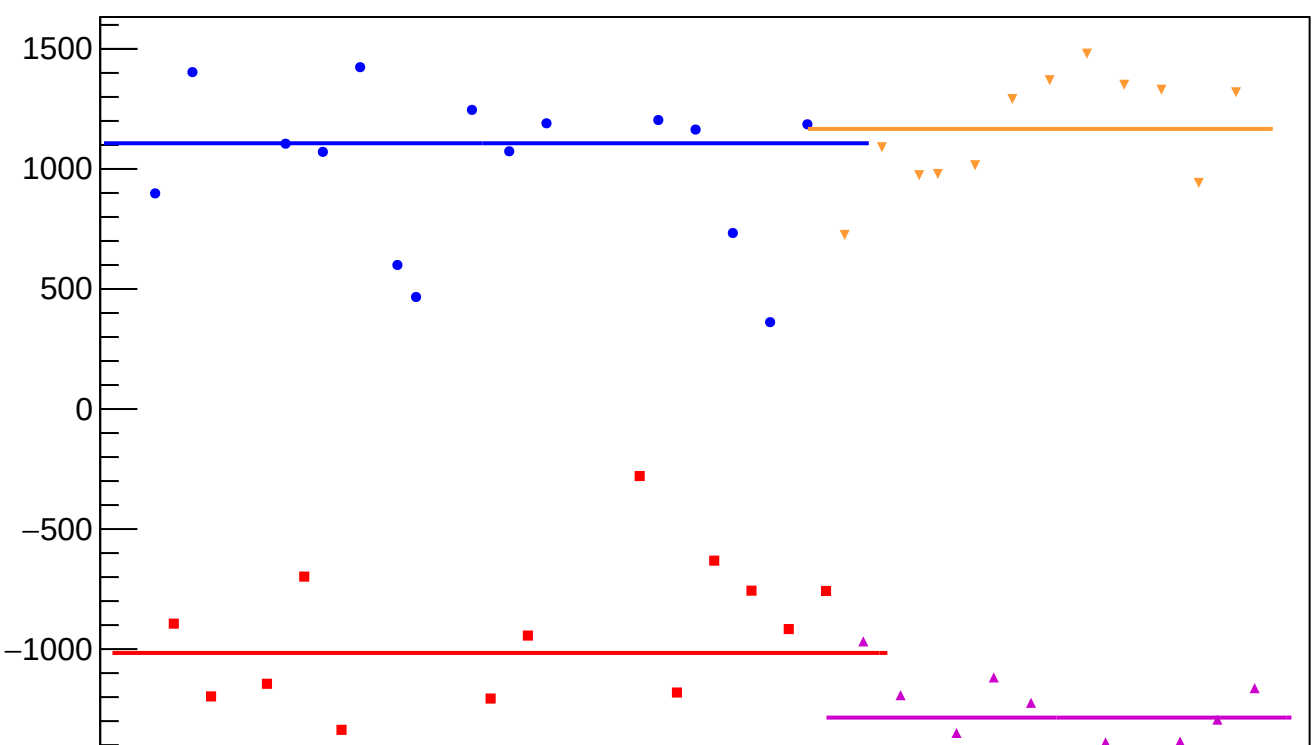
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.775+/-0.000 χ^2/NDF:2107233052694088

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.448+/-0.000 χ^2/NDF: 4224006616846

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

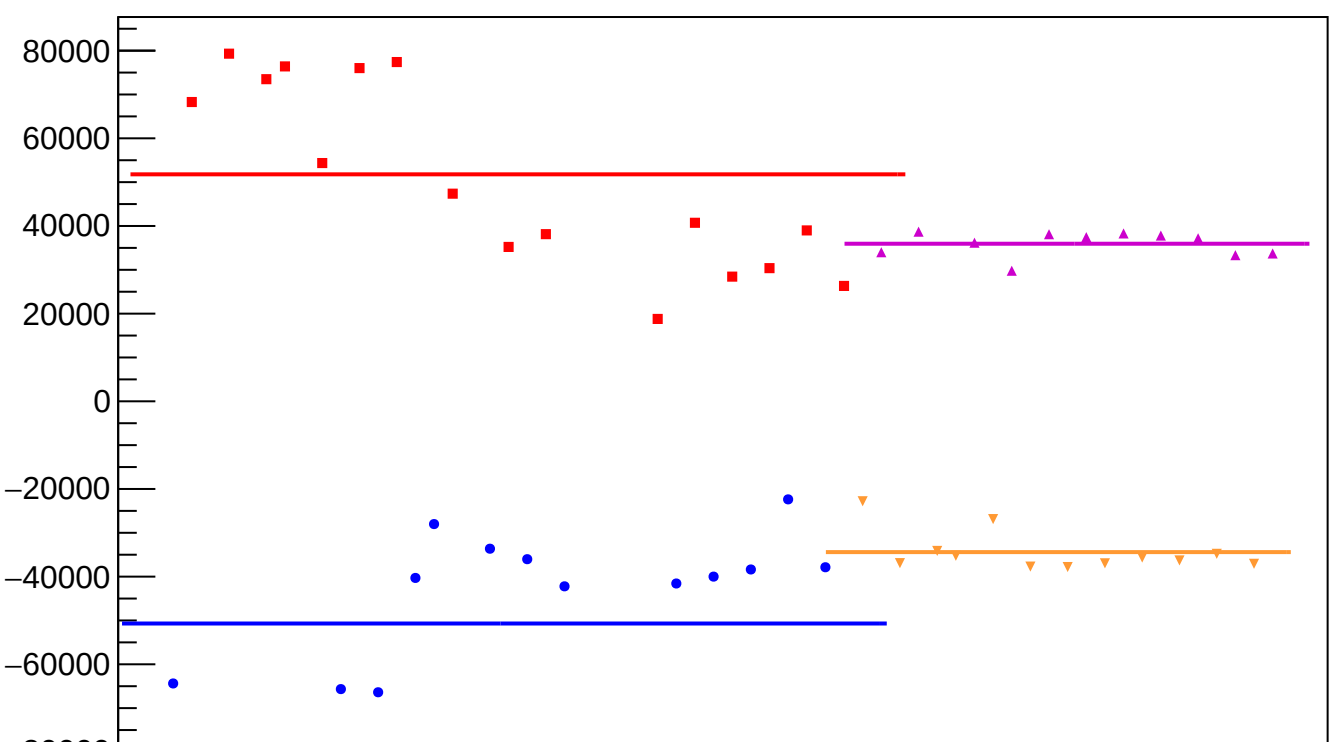
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: 963.890+/-0.000 χ^2/NDF: 2299689310411856

Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

In: 200.989+/-0.000 χ^2/NDF:30951900584449410

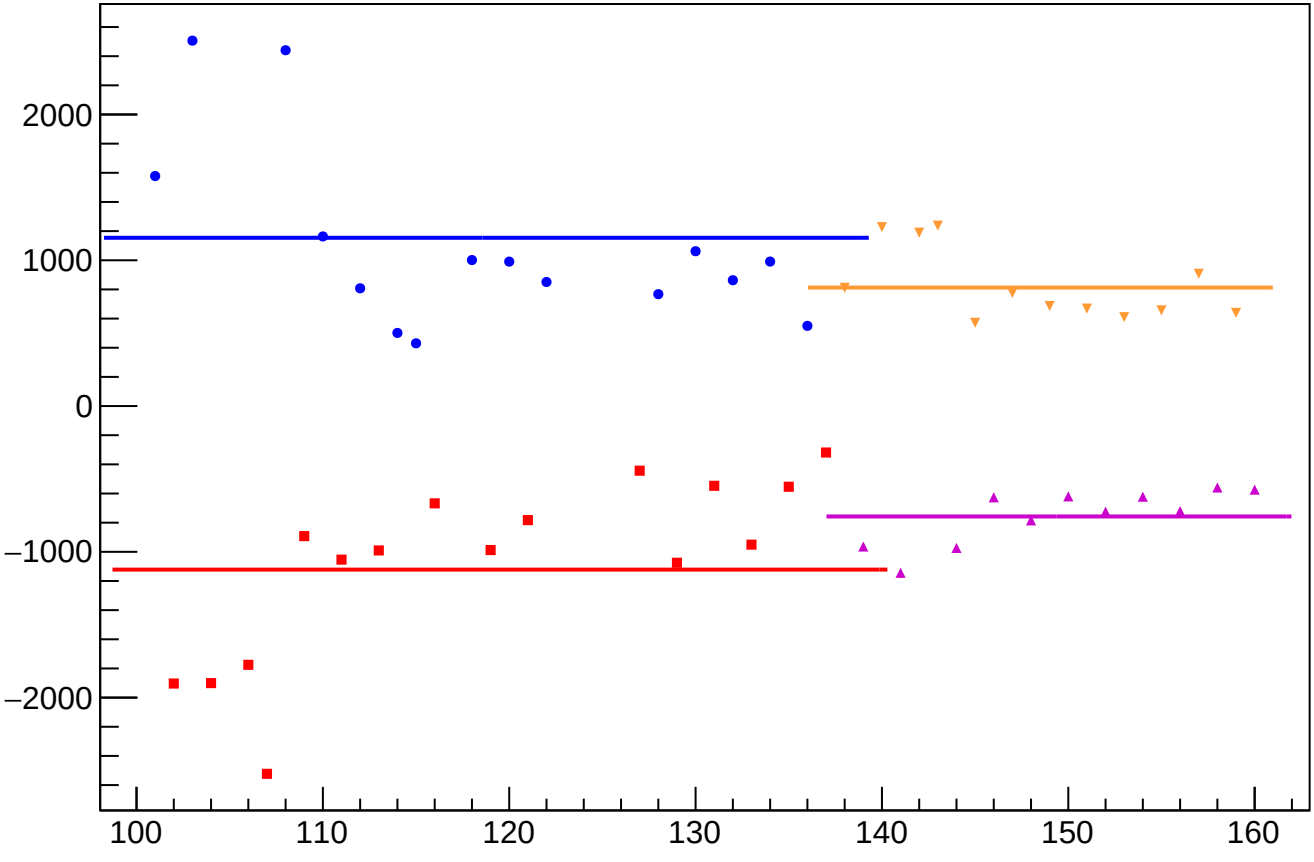
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 1956.998+/-0.000 χ^2/NDF:316504805338211

Left In: 35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

All: 1081.220+/-0.000 χ^2/NDF: 6262669489

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 23.438+/-0.000 χ^2/NDF: 1212663620352067

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946673120 0.0/14

Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3

Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11

In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97

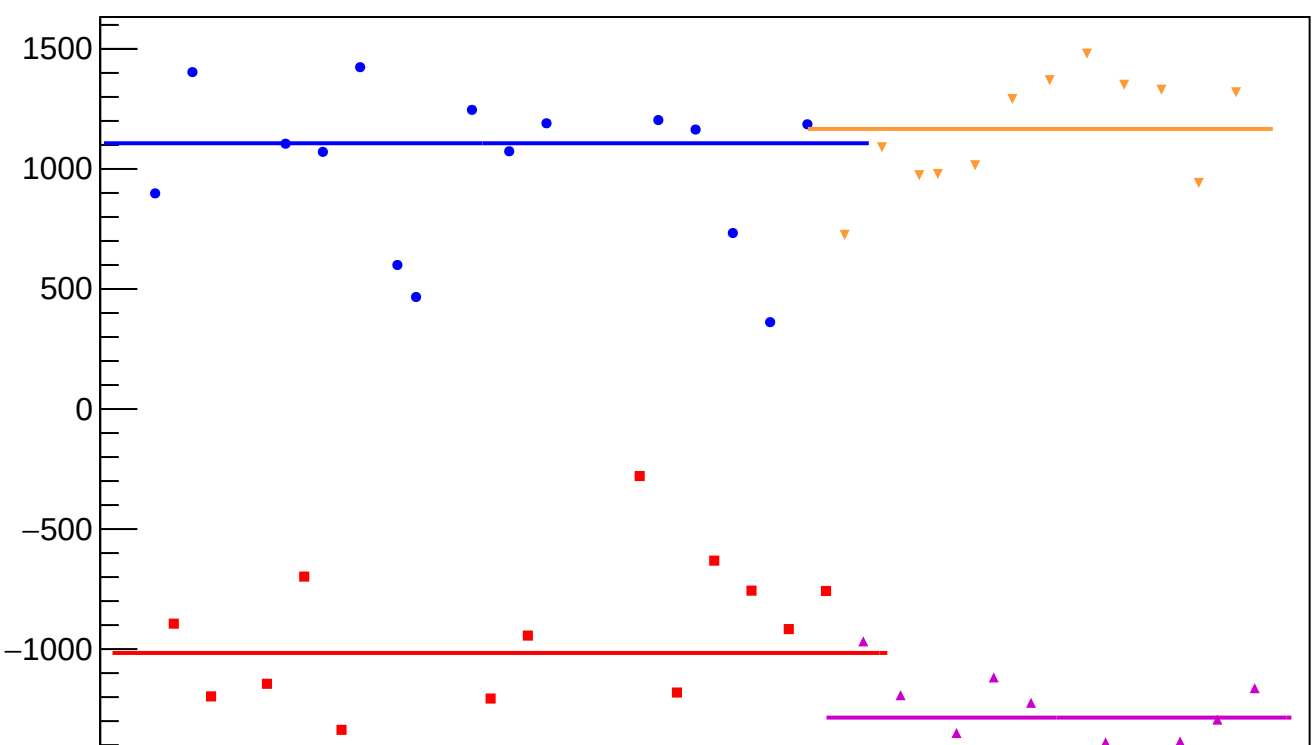
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

Out: -3.453+/-0.000 χ^2/NDF:1718368472550401 6

Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

All: 13.922+/-0.000 χ^2/NDF: 3392848168342

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

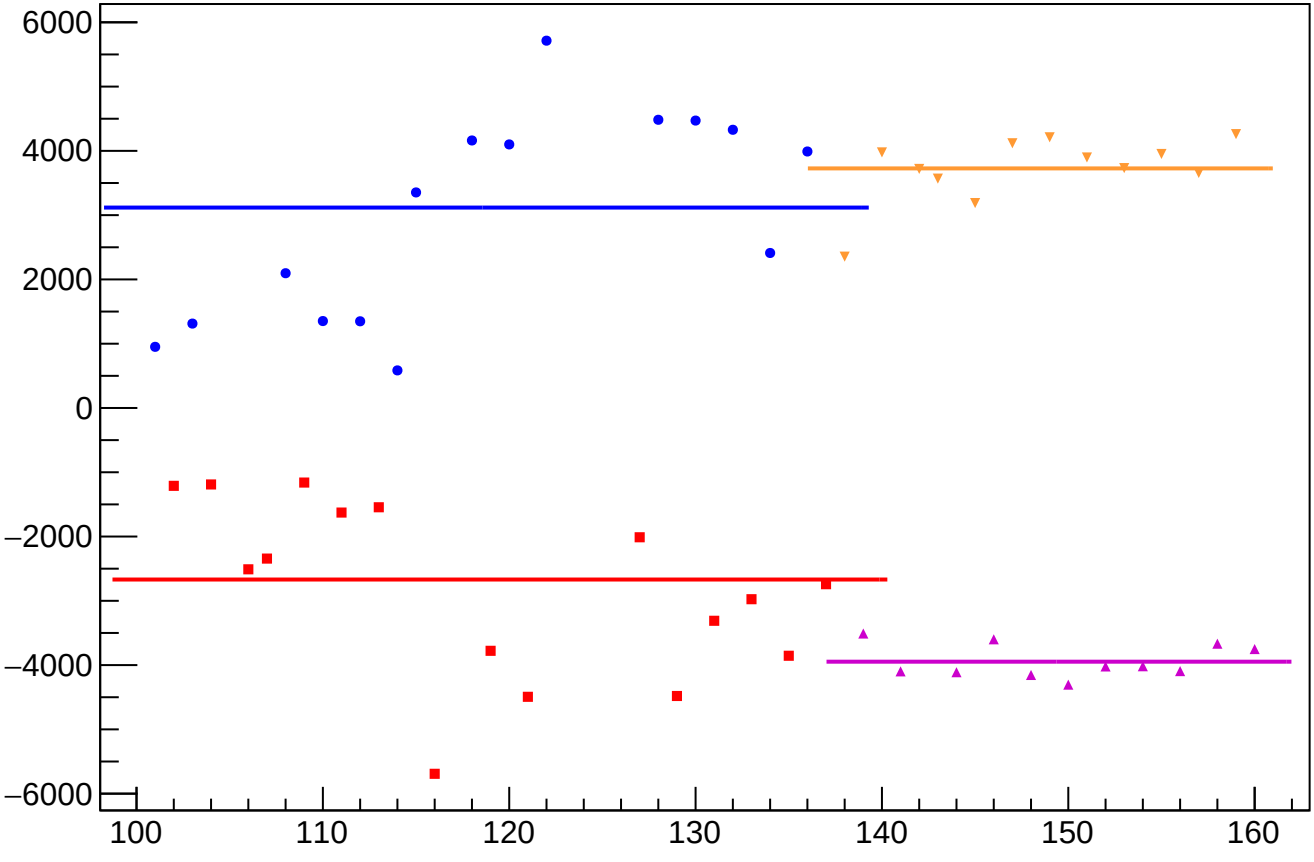
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

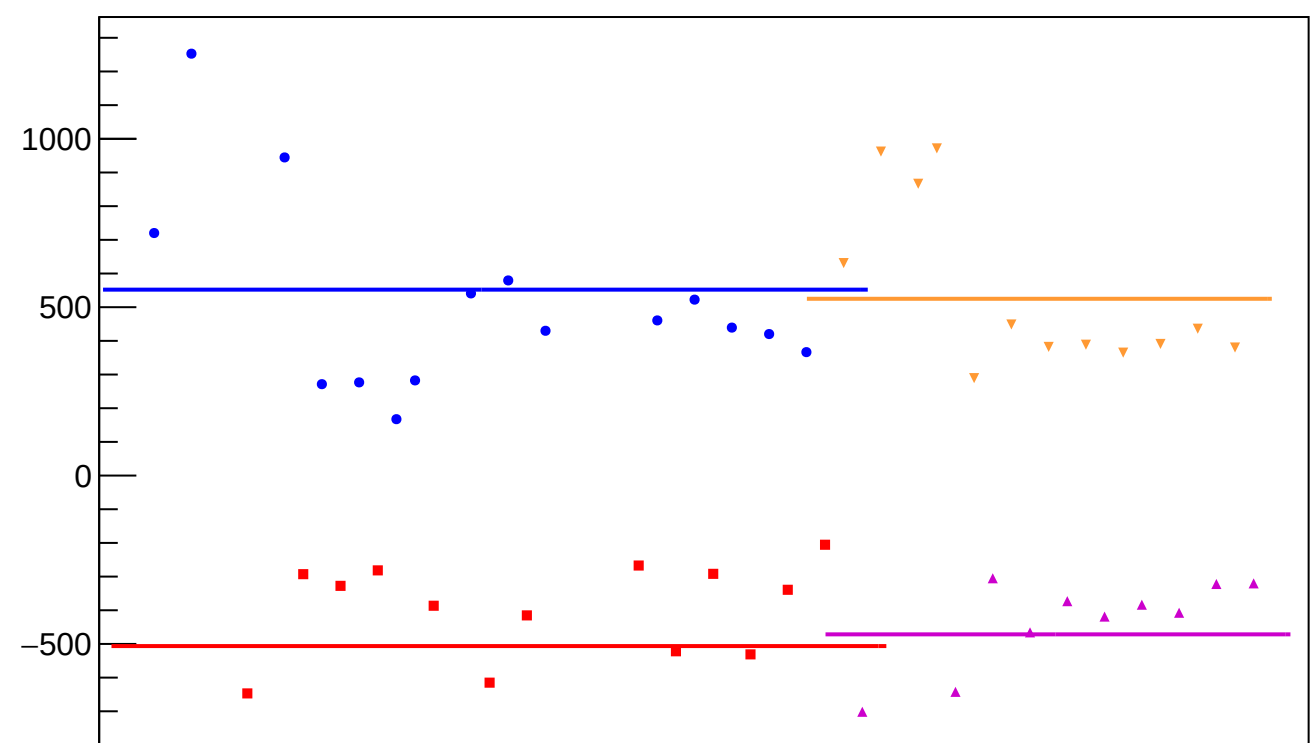
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -130.852+/-0.000 χ^2/NDF: 273547154777802
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857141 76.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1028.766+/-0.000 χ^2/NDF:171478919512140
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4113519037694 5

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 24.011+/-0.000 χ^2/NDF: 5310992125582562

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

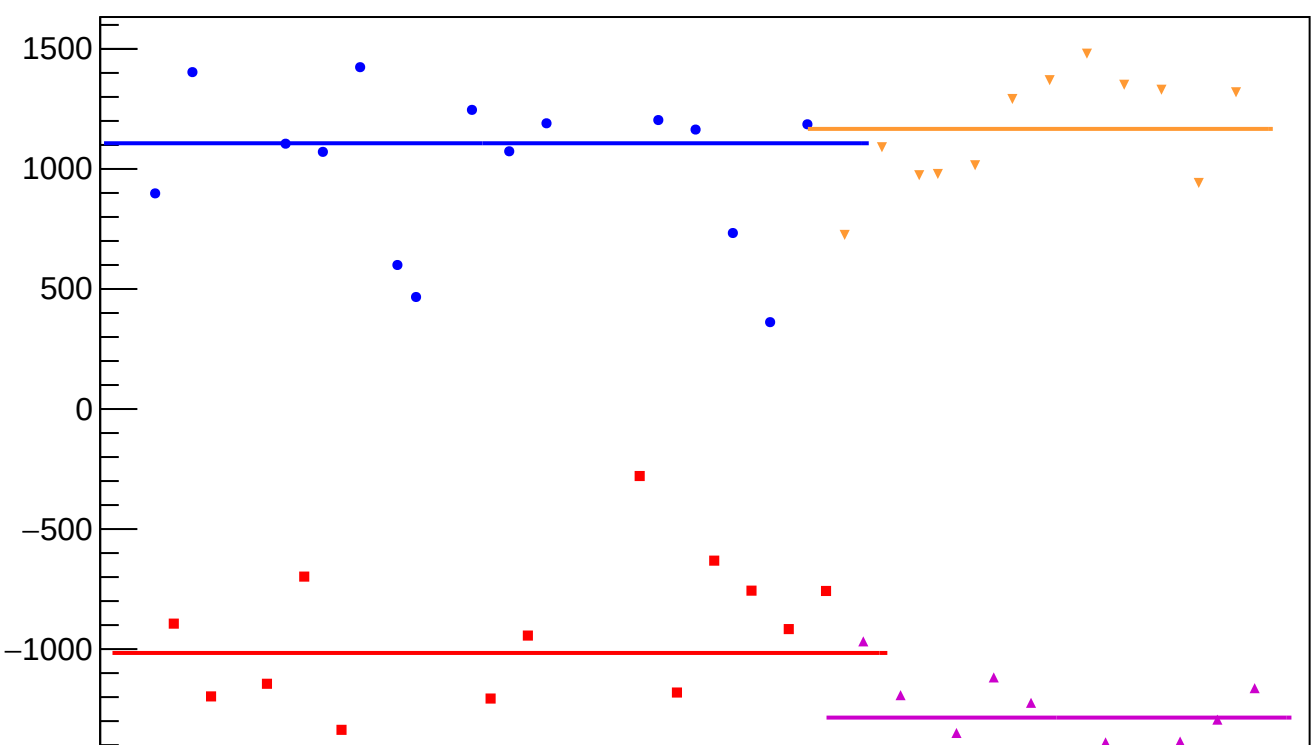
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.882+/-0.000 χ^2/NDF:4964451727515973 4

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.520+/-0.000 χ^2/NDF: 9875911626514

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

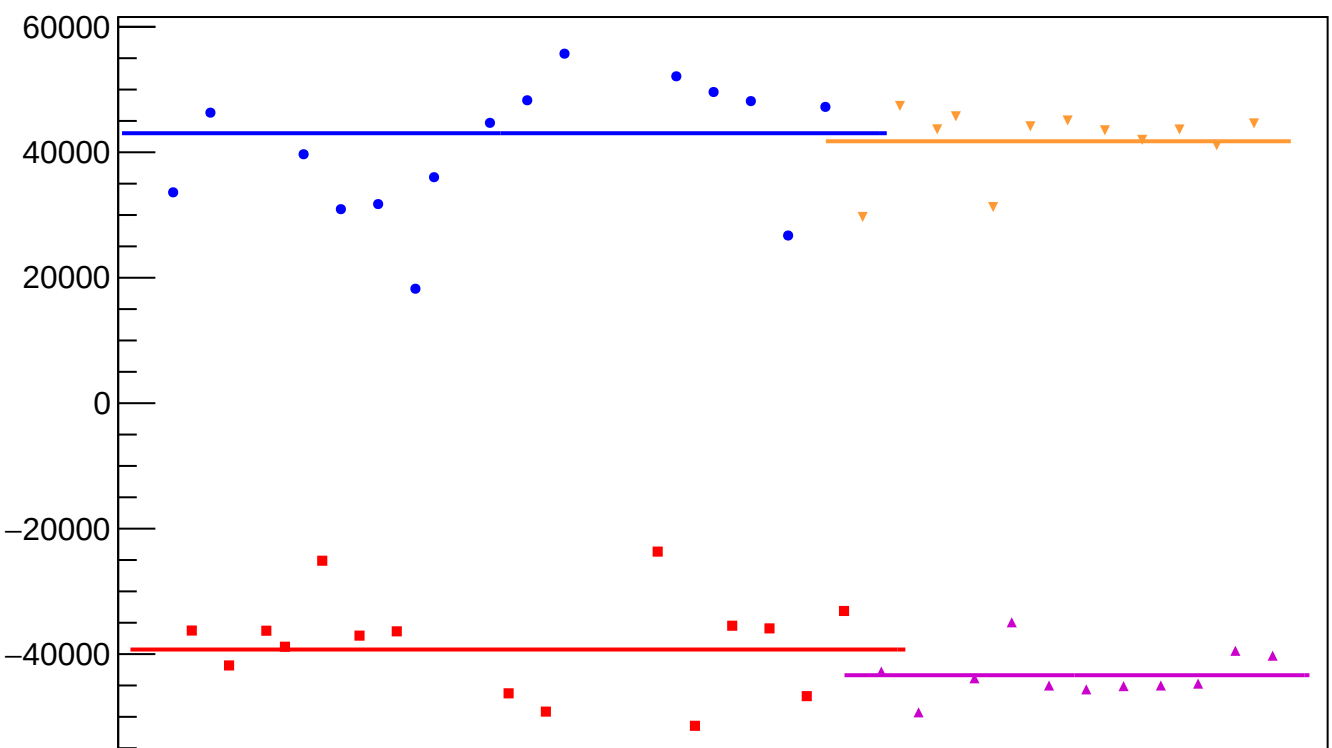
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

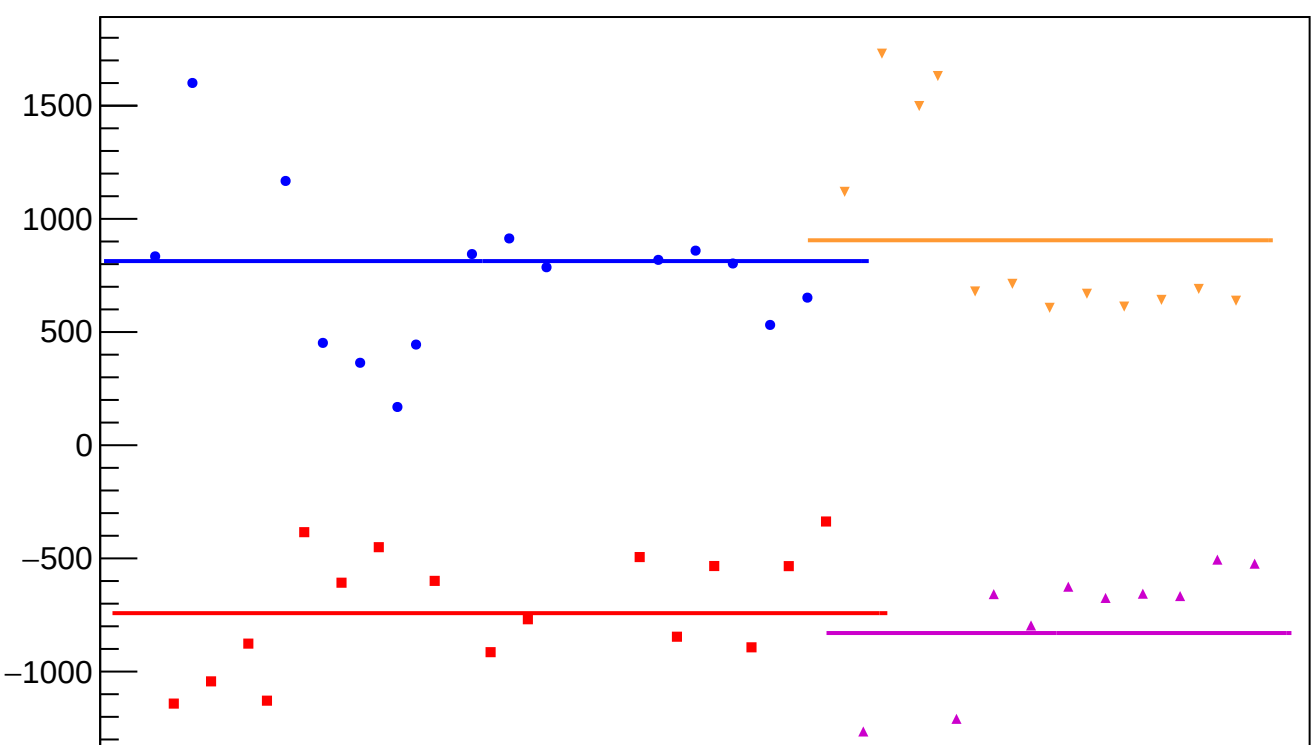
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam4_coil4_mean vs Slug, Sign Corrected



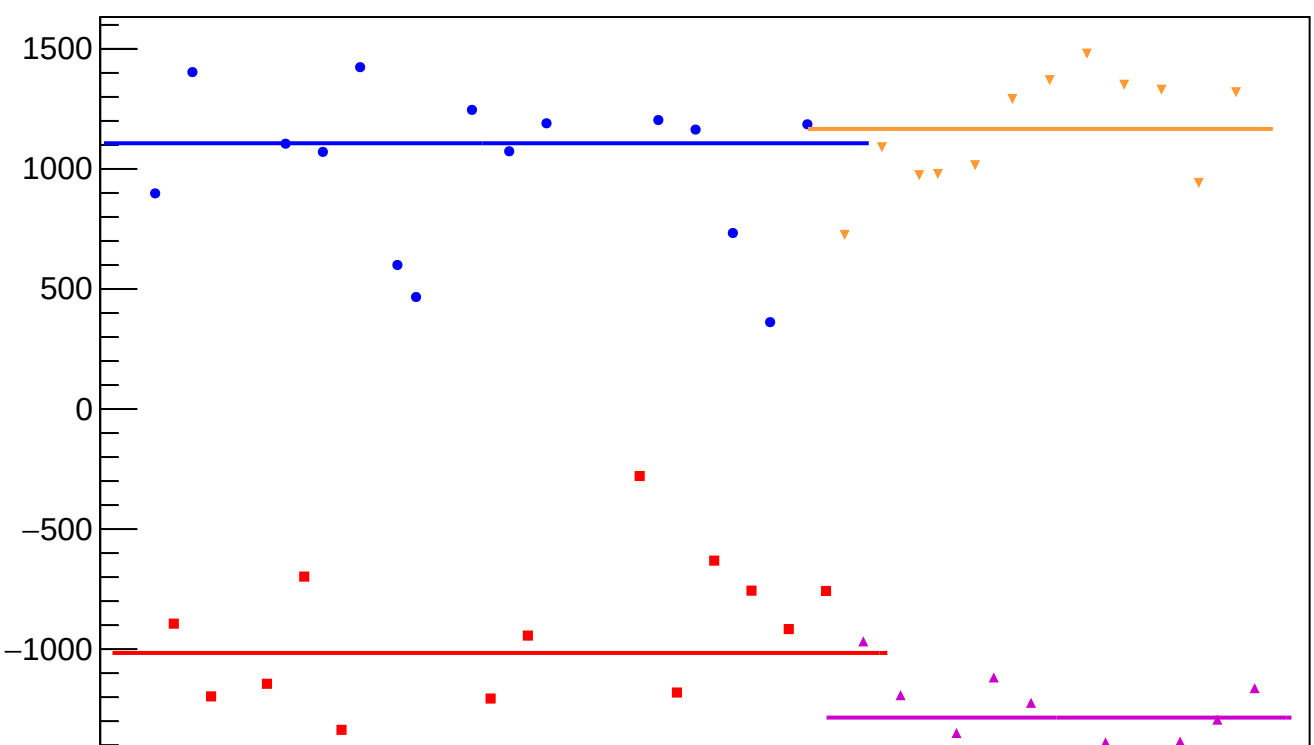
Left: -1034.394+/-0.000 χ^2/NDF: 33680407028688
Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11
In: -7715.351+/-0.000 χ^2/NDF:290679667494142
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15
Out: 7574.385+/-0.000 χ^2/NDF:26099548855296 3
Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10
All: -51.092+/-0.000 χ^2/NDF: 570108278214

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 33.114+/-0.000 χ^2/NDF: 1630992199286055
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11
In: -151.745+/-0.000 χ^2/NDF:1192581949846065
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
Out: 210.415+/-0.000 χ^2/NDF:1242037289977298
Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10
All: 29.794+/-0.000 χ^2/NDF: 2538038020154

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

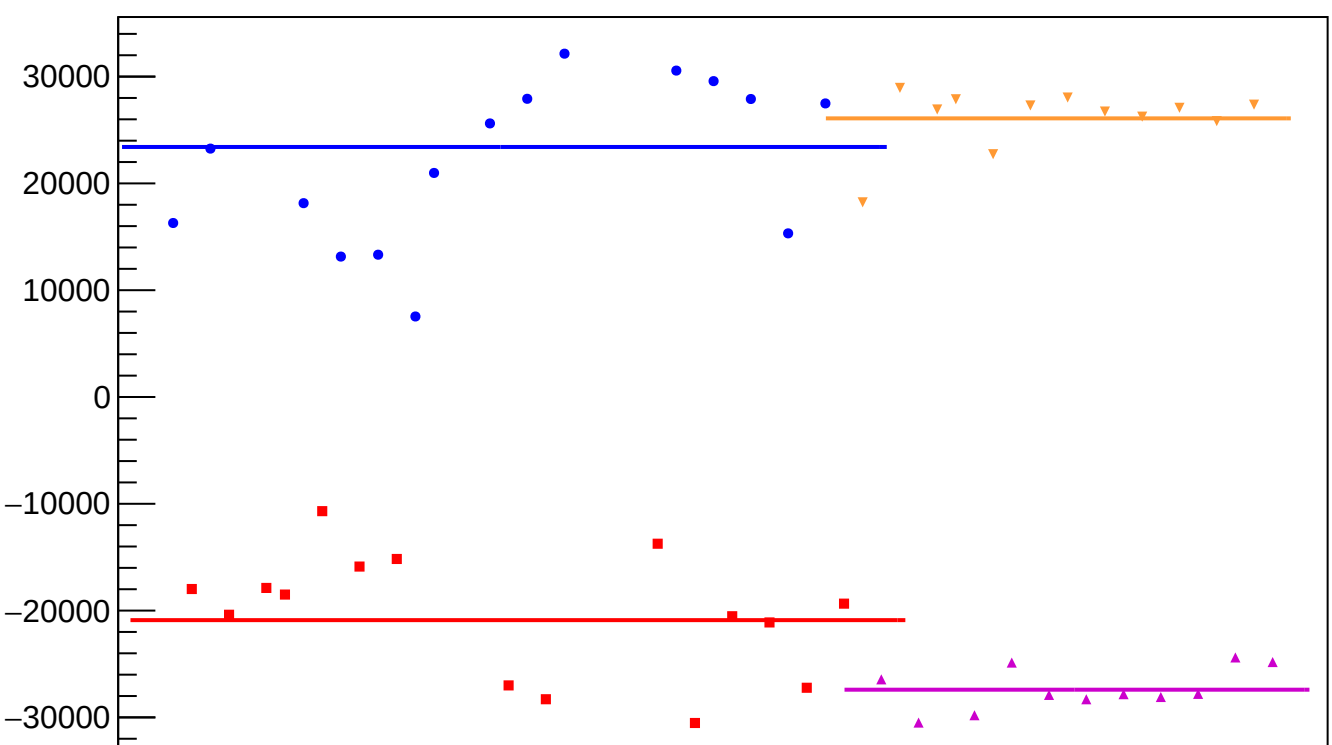
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

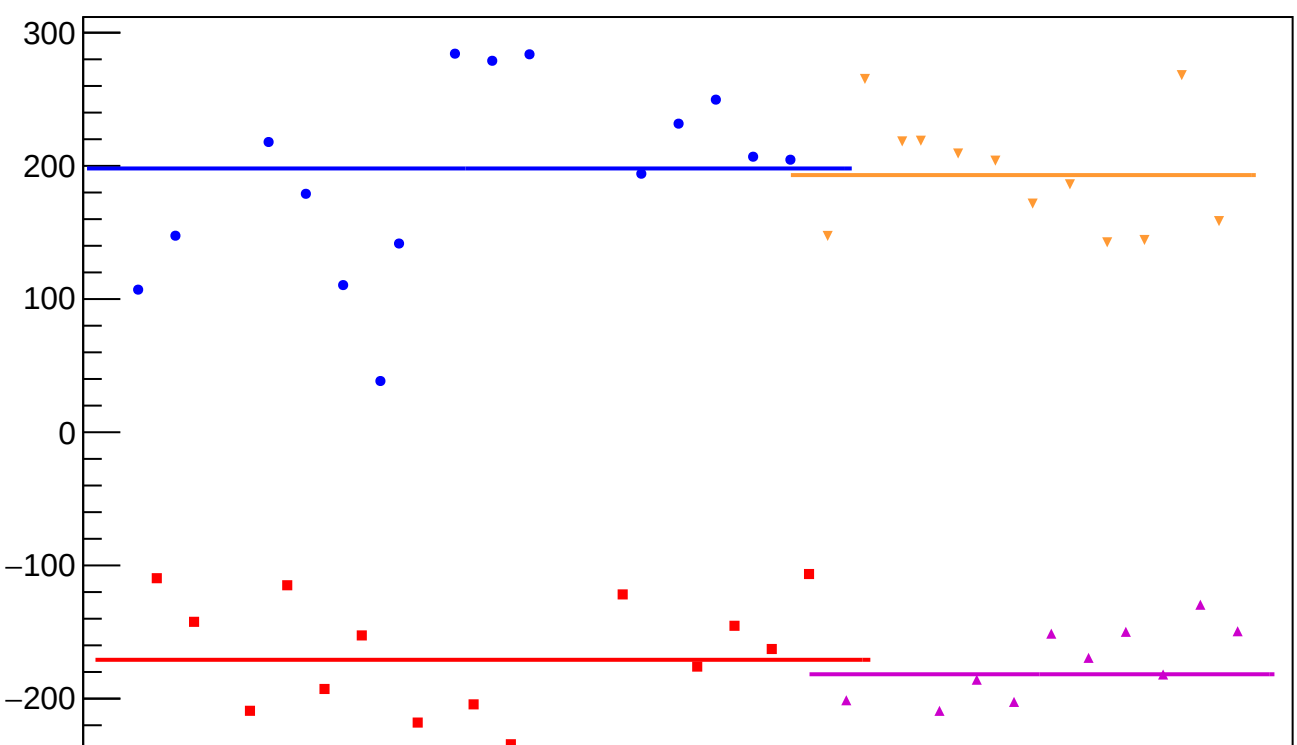
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -804.440+/-0.000 χ^2/NDF: 132562233817018
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 26089.435+/-0.000 χ^2/NDF:729747469732523123463306036407548510208 0.0/11
In: -6440.074+/-0.000 χ^2/NDF:101629631311626
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: 6267.782+/-0.000 χ^2/NDF:885907084318419
Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10
All: -70.029+/-0.000 χ^2/NDF: 202953713345

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 4.667+/-0.000 χ^2/NDF: 674560123353217064

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 193.084+/-0.000 χ^2/NDF:16827497054399498811225119123895746 56.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

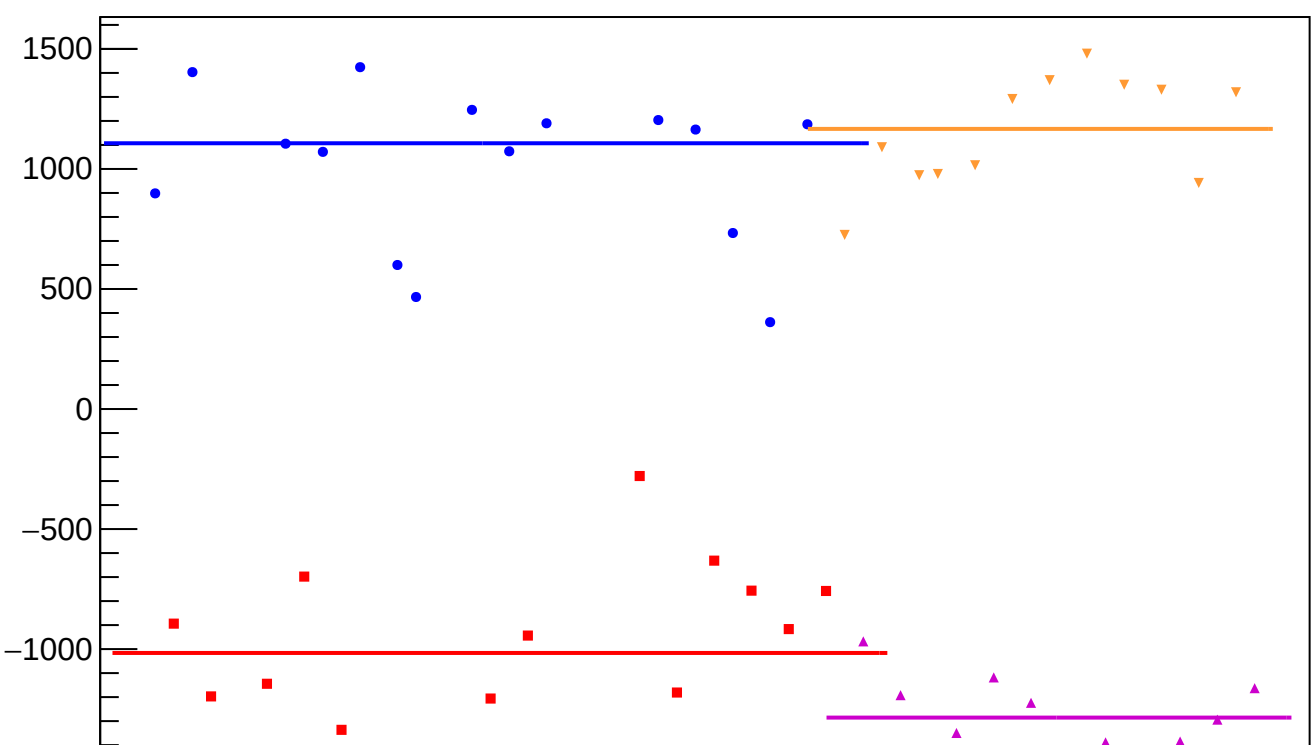
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.545+/-0.000 χ^2/NDF:5417369983342224 0

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.342+/-0.000 χ^2/NDF: 1161548333893 3

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

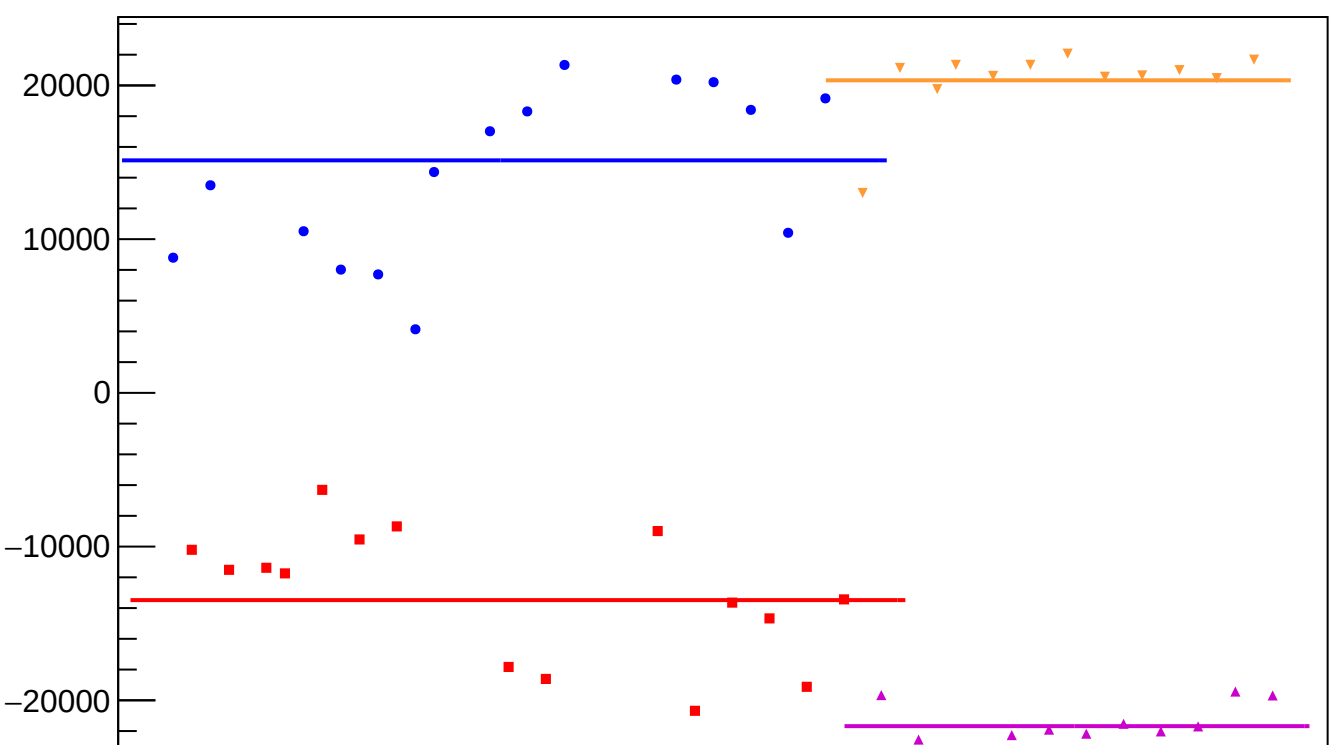
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -788.384+/-0.000 χ^2/NDF: 818050900657899

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20333.061+/-0.000 χ^2/NDF:48559492257769427632268539403690542366 72.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

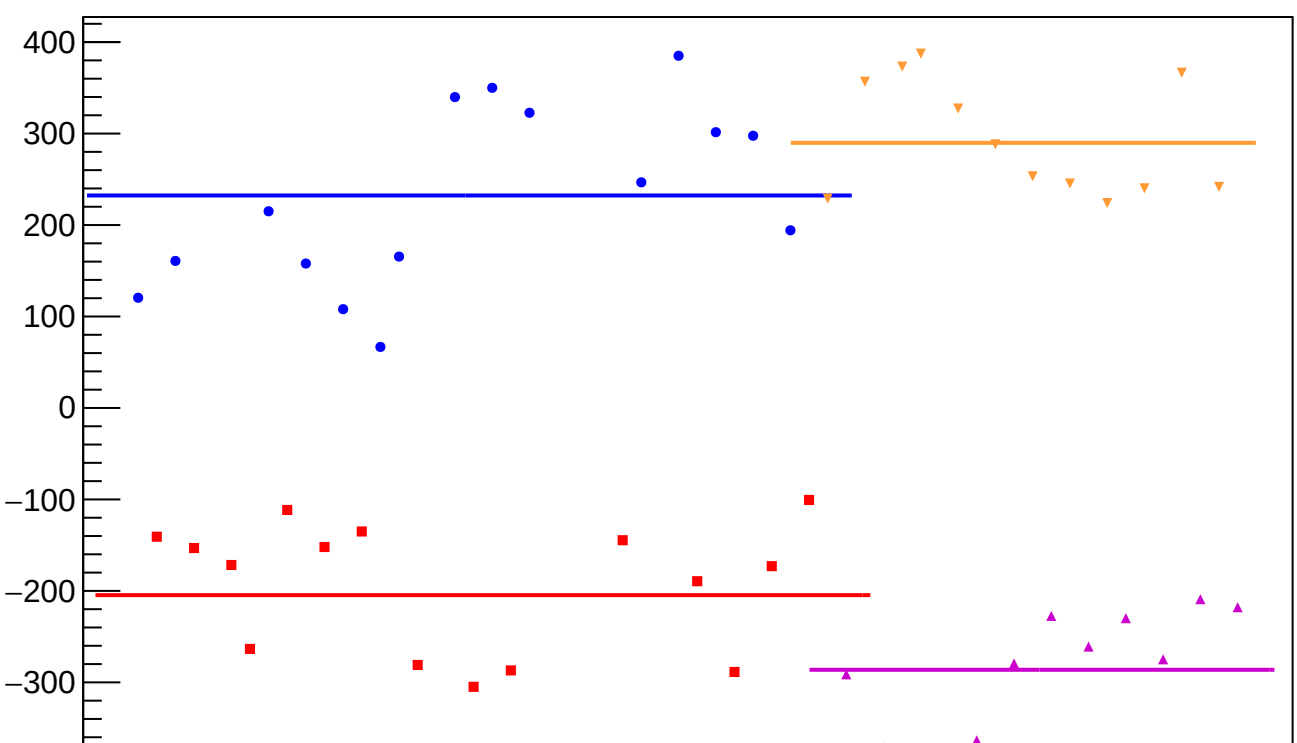
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 6066.895+/-0.000 χ^2/NDF:461693454041098

Left In: -21681.241+/-0.000 χ^2/NDF:21088745736492026217115303328663103078 40.0/10

All: -198.174+/-0.000 χ^2/NDF: 11213217633

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 0.258+/-0.000 χ^2/NDF: 15979207429454940

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

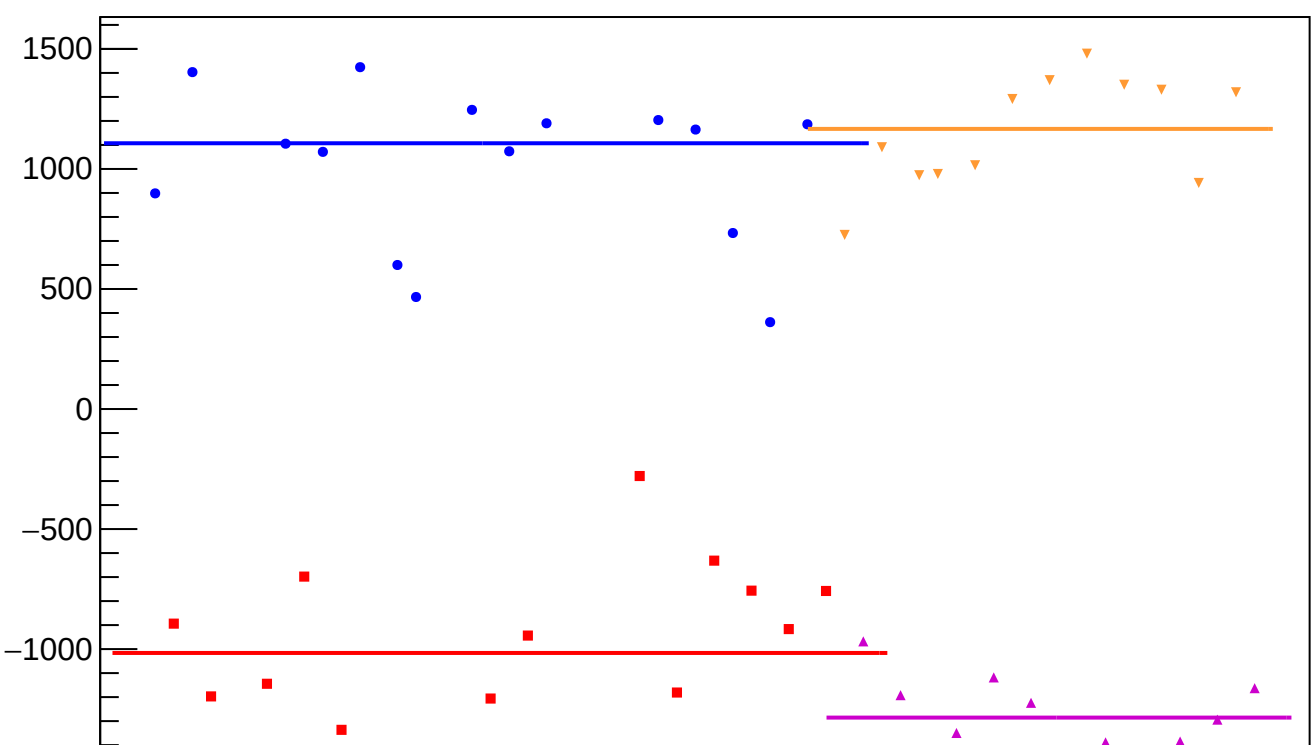
Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

Out: 81.261+/-0.000 χ^2/NDF:10206210507018627

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.677+/-0.000 χ^2/NDF: 2327138069389

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

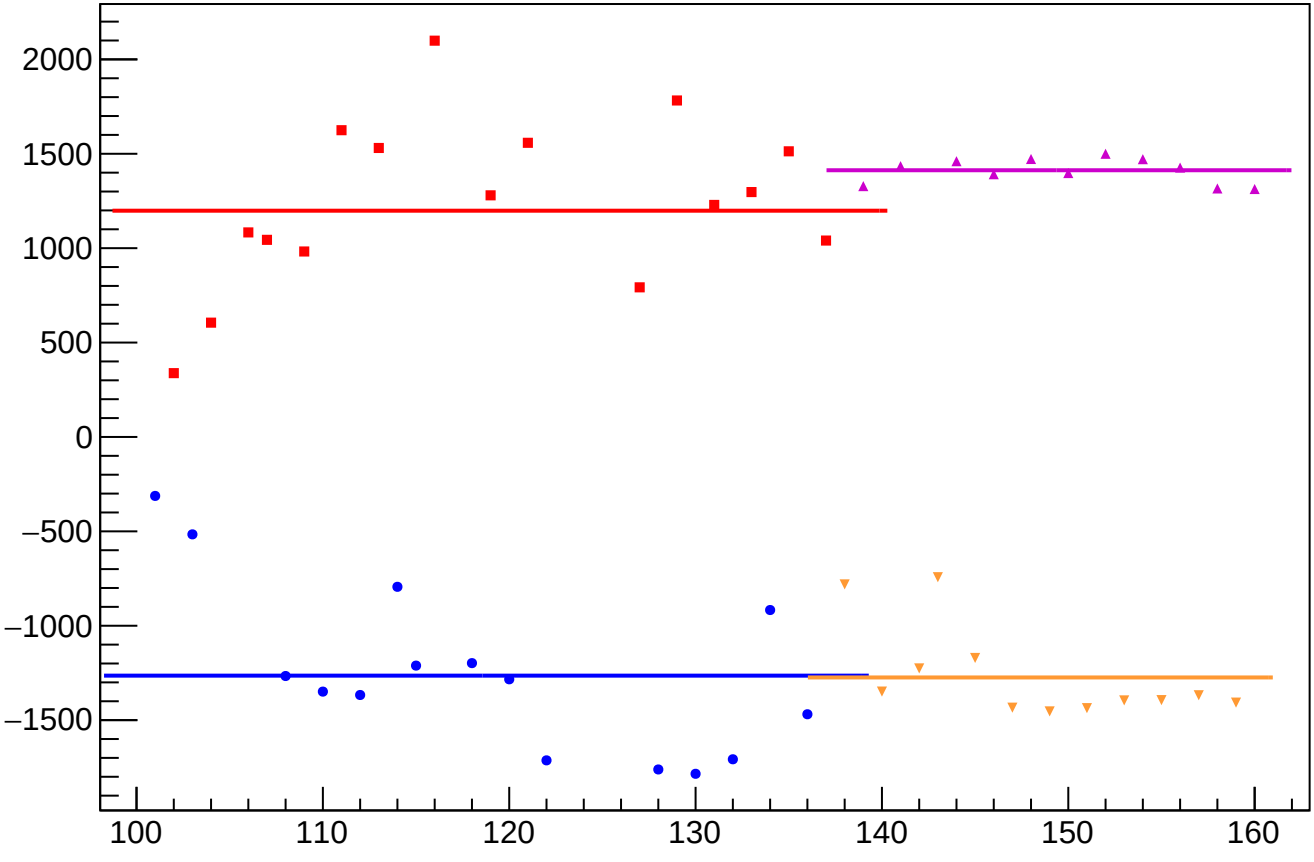
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

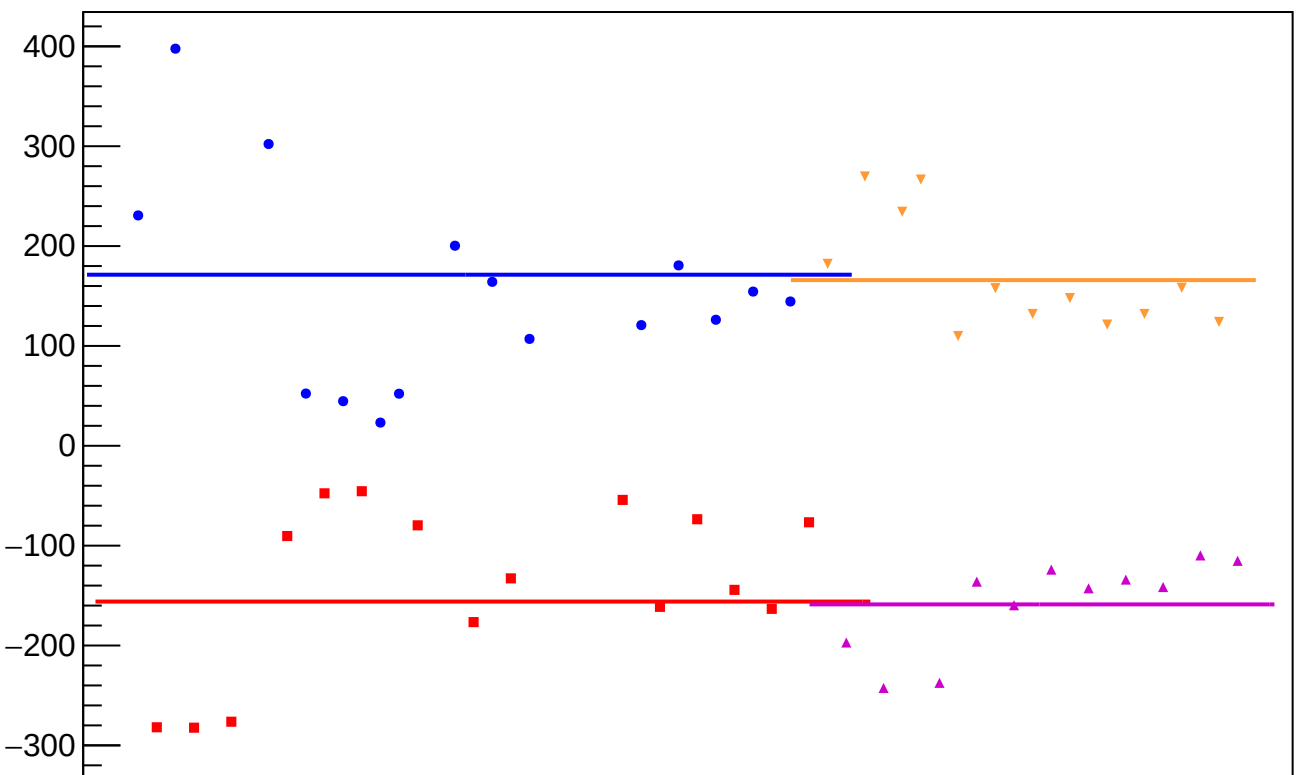
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam7_coil4_mean vs Slug, Sign Corrected



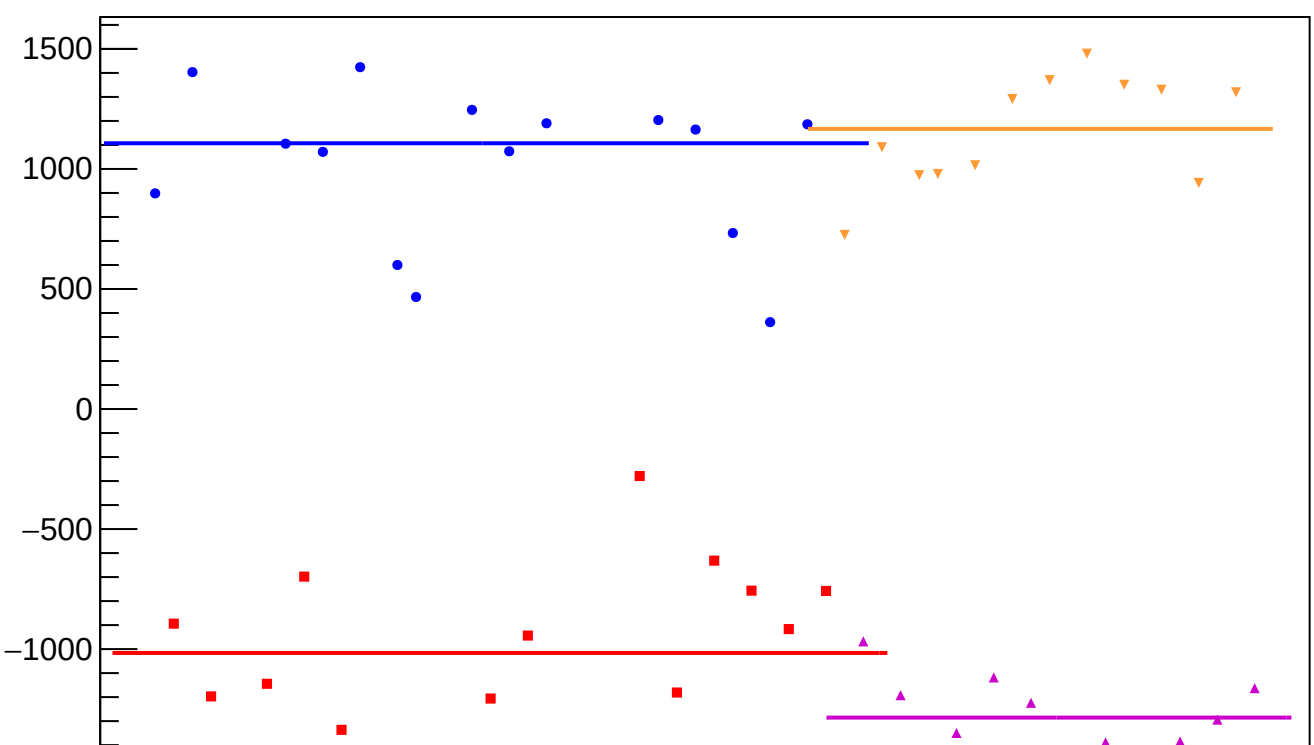
Left: 76.739+/-0.000 χ^2/NDF: 3370855271105765
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
In: 308.244+/-0.000 χ^2/NDF:2876034416148533
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: -230.846+/-0.000 χ^2/NDF:253877034127960
Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10
All: 38.016+/-0.000 χ^2/NDF: 564395559572

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 2.658+/-0.000 χ^2/NDF: 52887146607469280
Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14
Right: 5.426+/-0.000 χ^2/NDF: 47042708197761076
Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11
In: -22.615+/-0.000 χ^2/NDF:49529612486075617
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15
Out: 30.108+/-0.000 χ^2/NDF:48214291769809933
Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10
All: 3.813+/-0.000 χ^2/NDF: 99935728912409

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

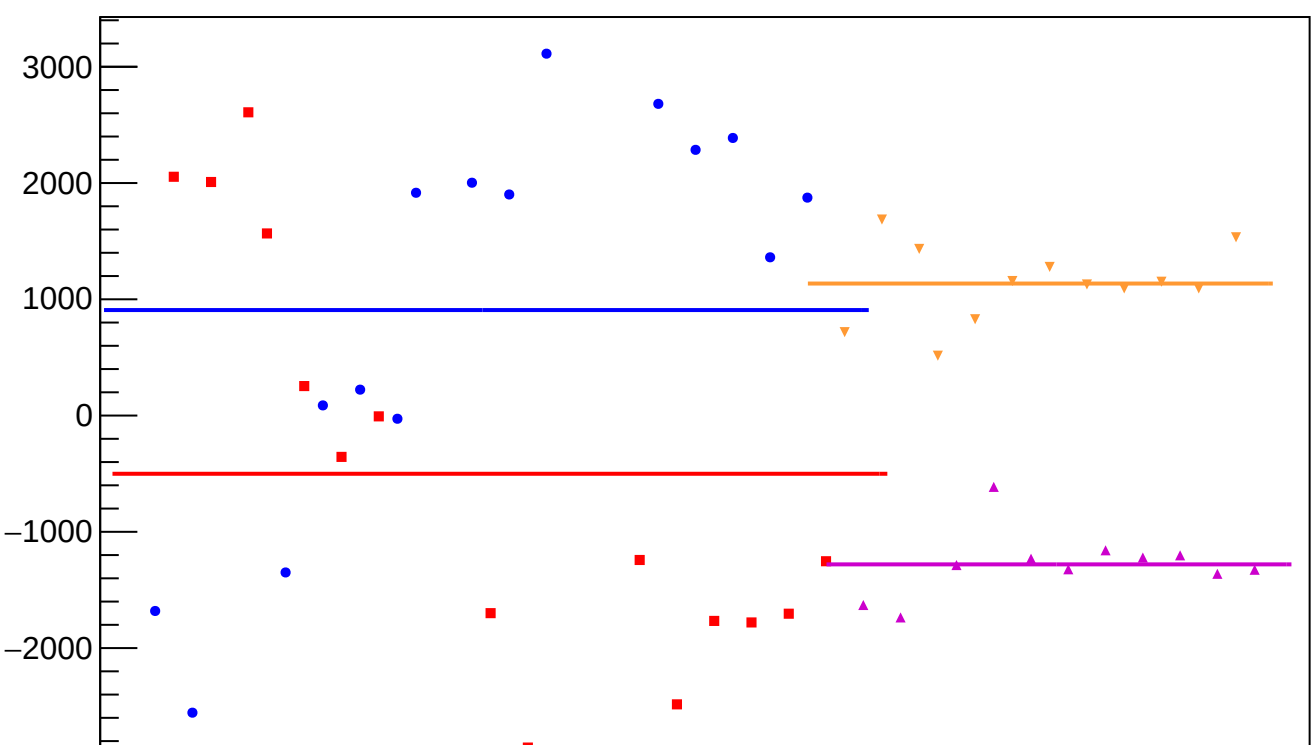
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -78.814+/-0.000 χ^2/NDF: 2838993659503494

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

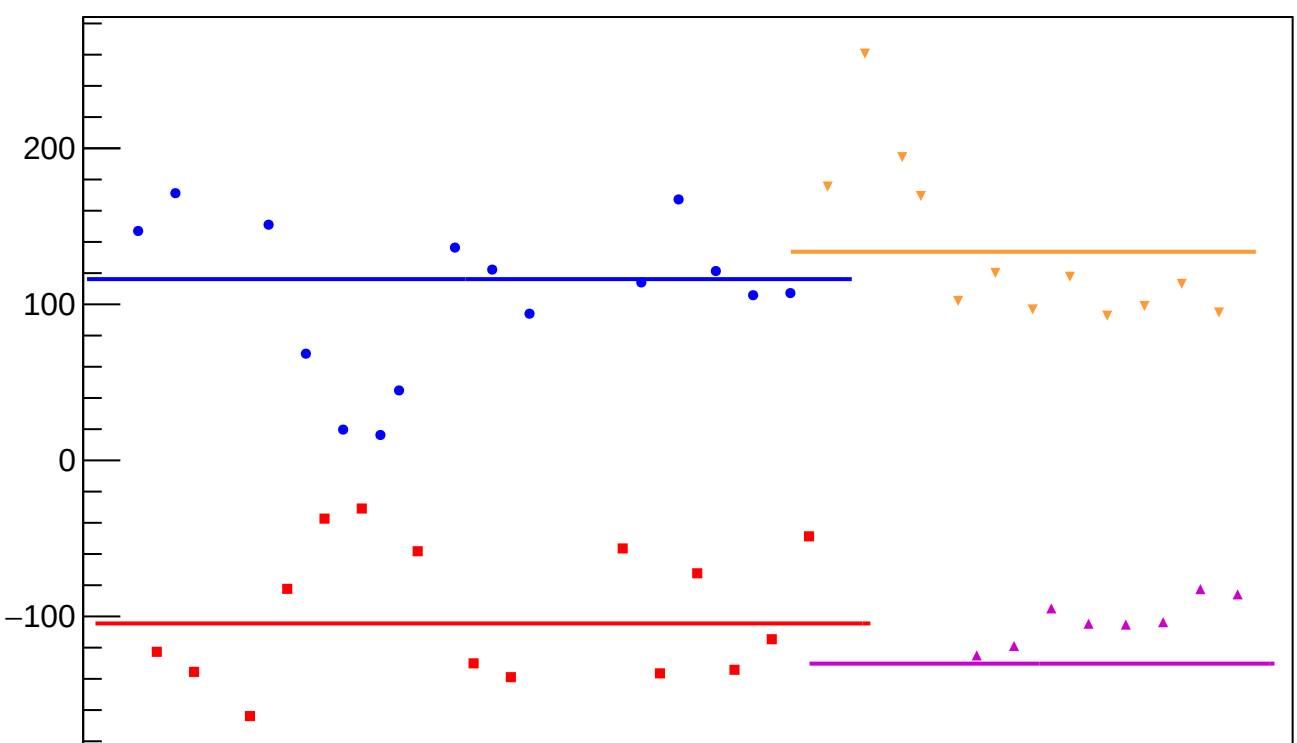
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 445.222+/-0.000 χ^2/NDF:319700162996565 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

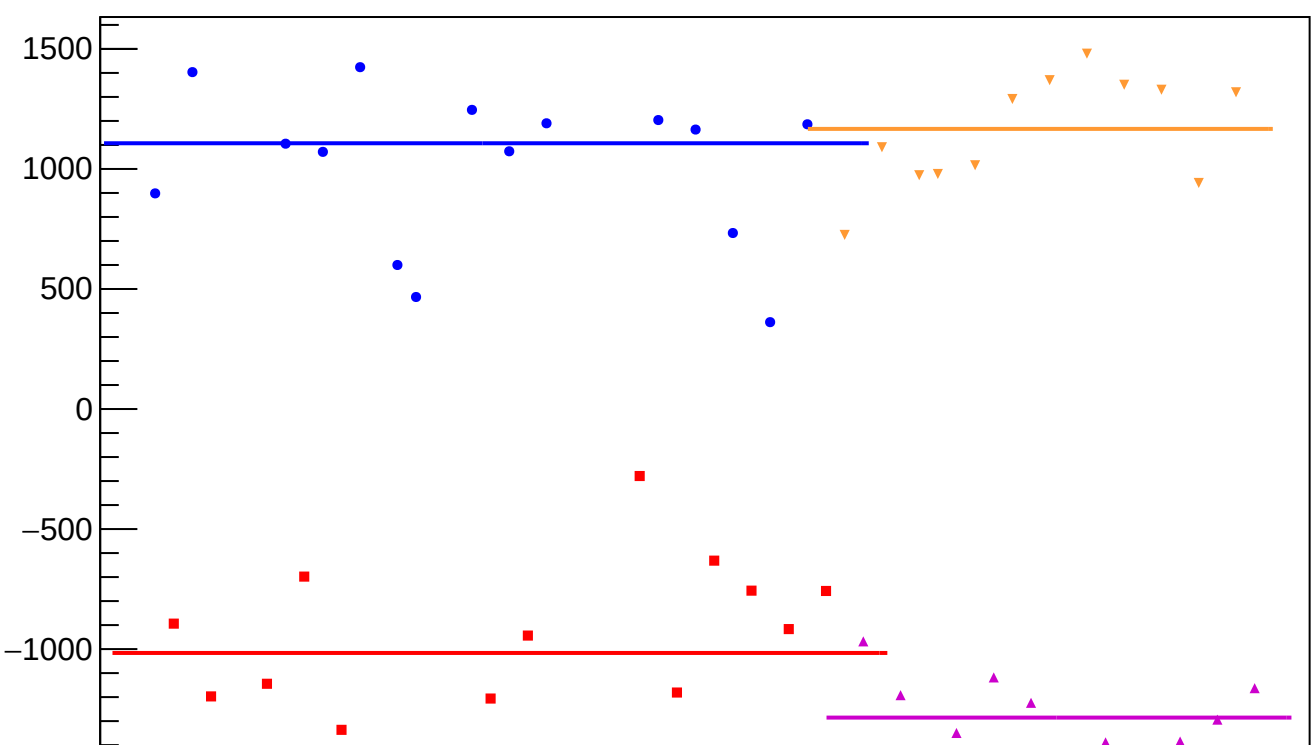
All: 34.911+/-0.000 χ^2/NDF: 7729666433906

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 1.011+/-0.000 χ^2/NDF: 36308944838533435
Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14
Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2
Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11
In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15
Out: 33.204+/-0.000 χ^2/NDF:2549629849593312 0
Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10
All: 2.392+/-0.000 χ^2/NDF: 5481809749299 9

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

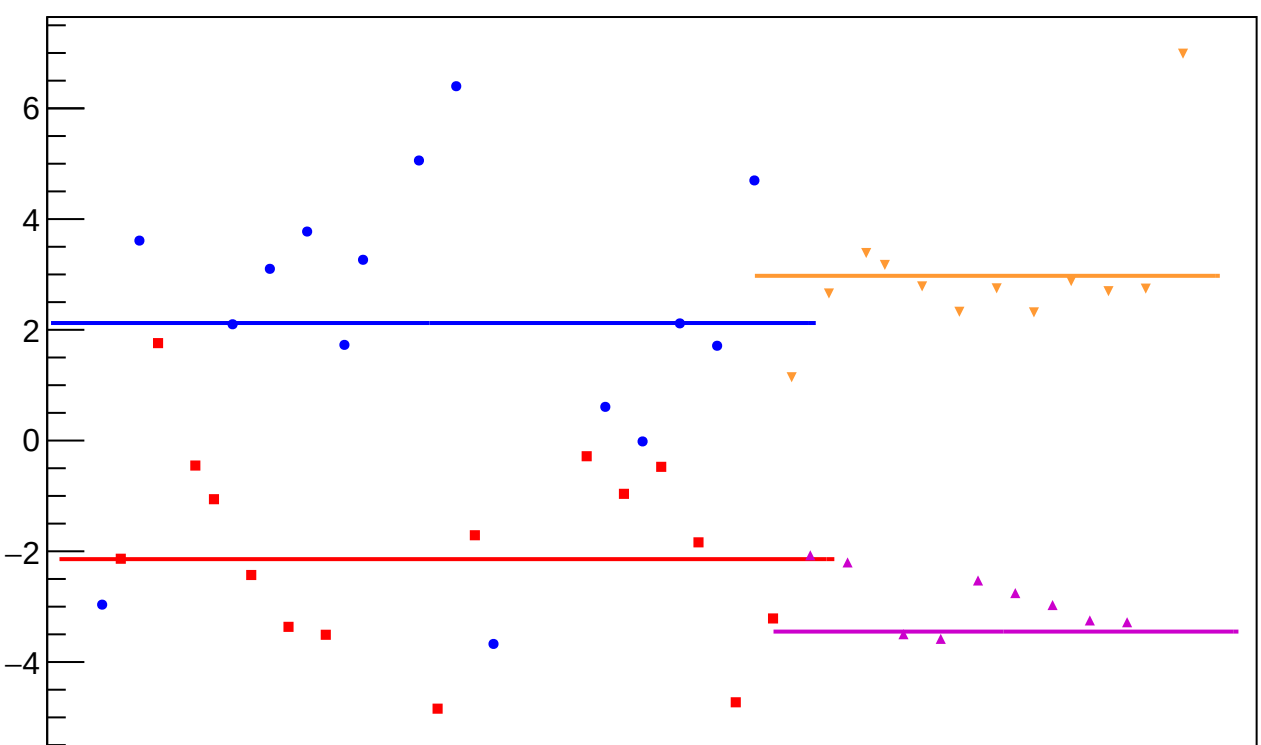
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

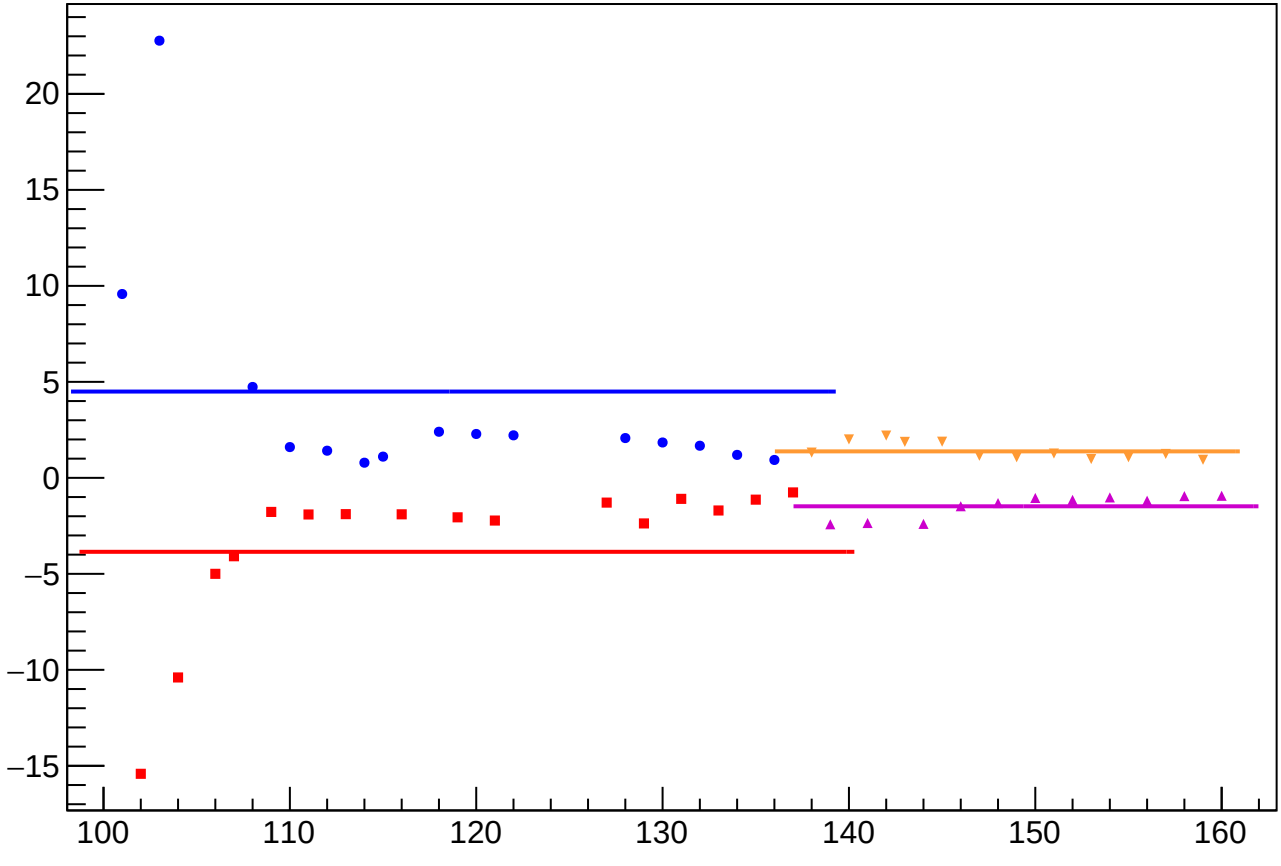
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.255+/-0.000 χ^2/NDF: 2217681353185582
Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11
In: -1.151+/-0.000 χ^2/NDF:186566302459324539
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
Out: 0.817+/-0.000 χ^2/NDF:142230420380905144
Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10
All: -0.165+/-0.000 χ^2/NDF: 3593171973560

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4221338809733583 2

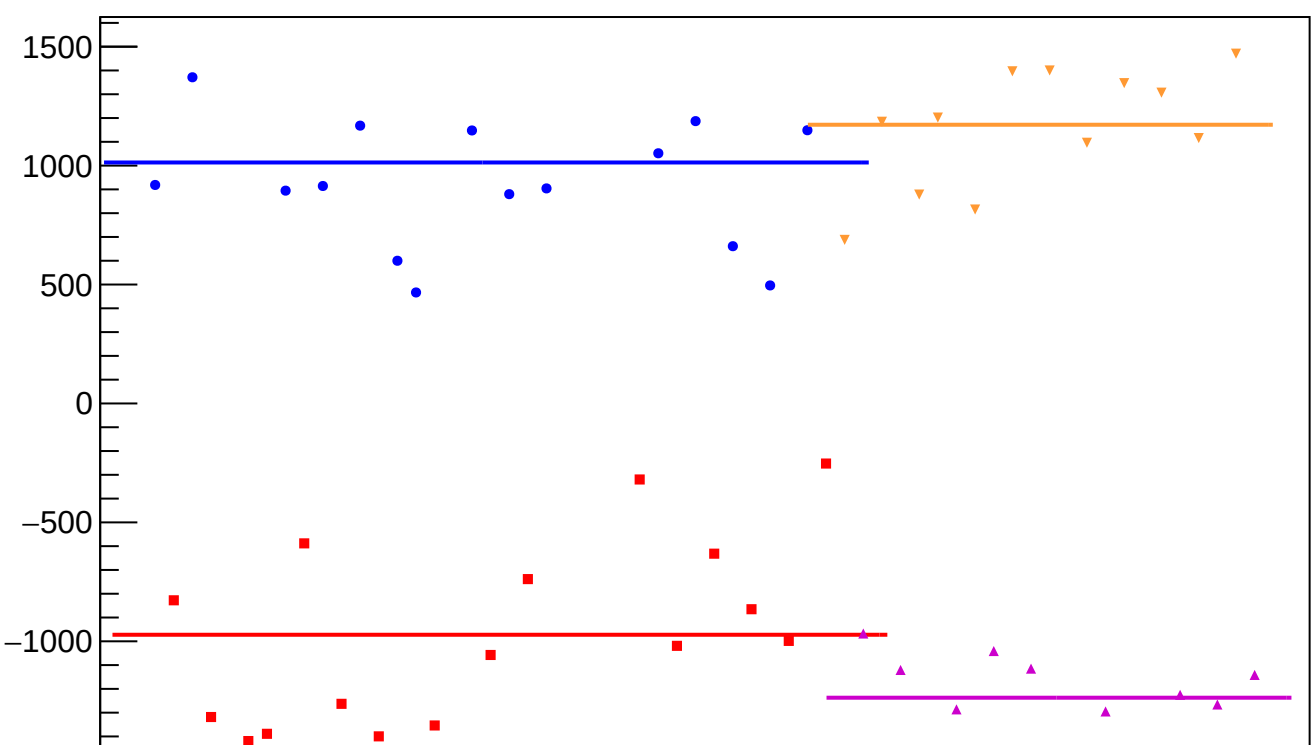
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.828+/-0.000 χ^2/NDF:2301887881616390 2

All: 0.076+/-0.000 χ^2/NDF: 6480733516241 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

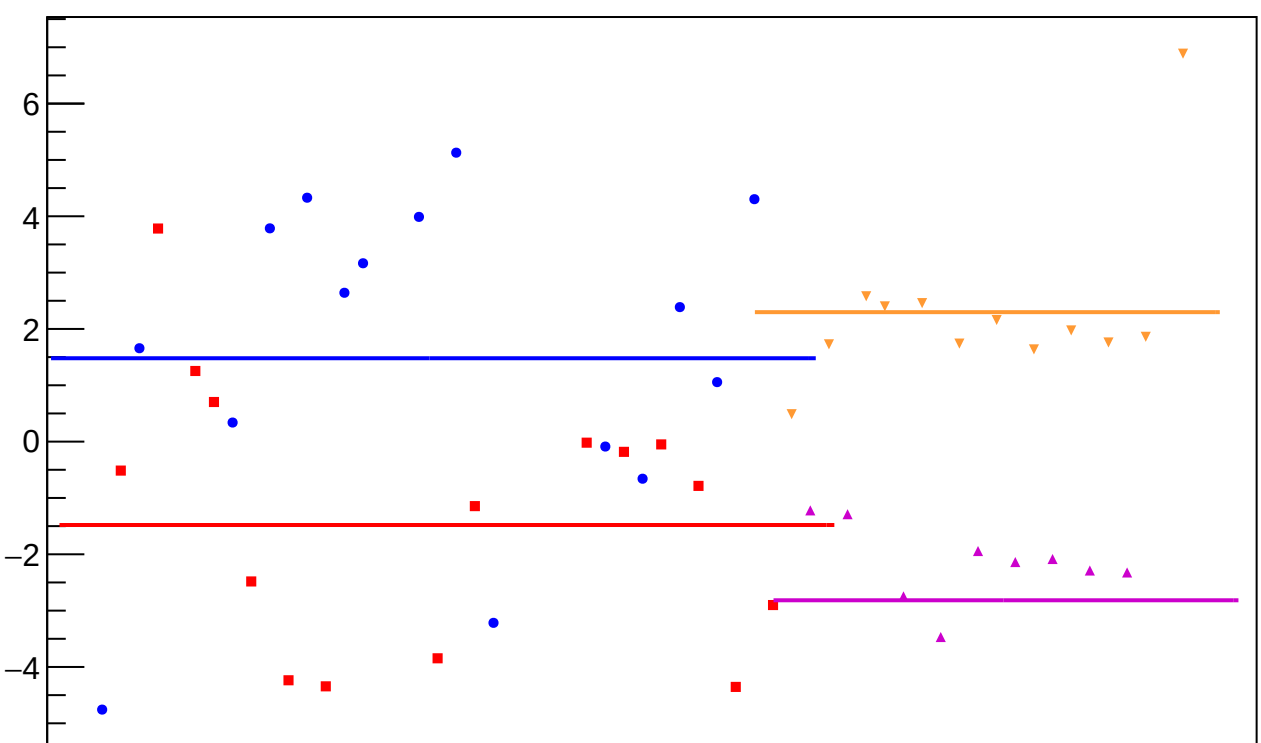
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.273+/-0.000 χ^2/NDF: 16328800028734705

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.298+/-0.000 χ^2/NDF:207987099173978046259333480369356 8.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

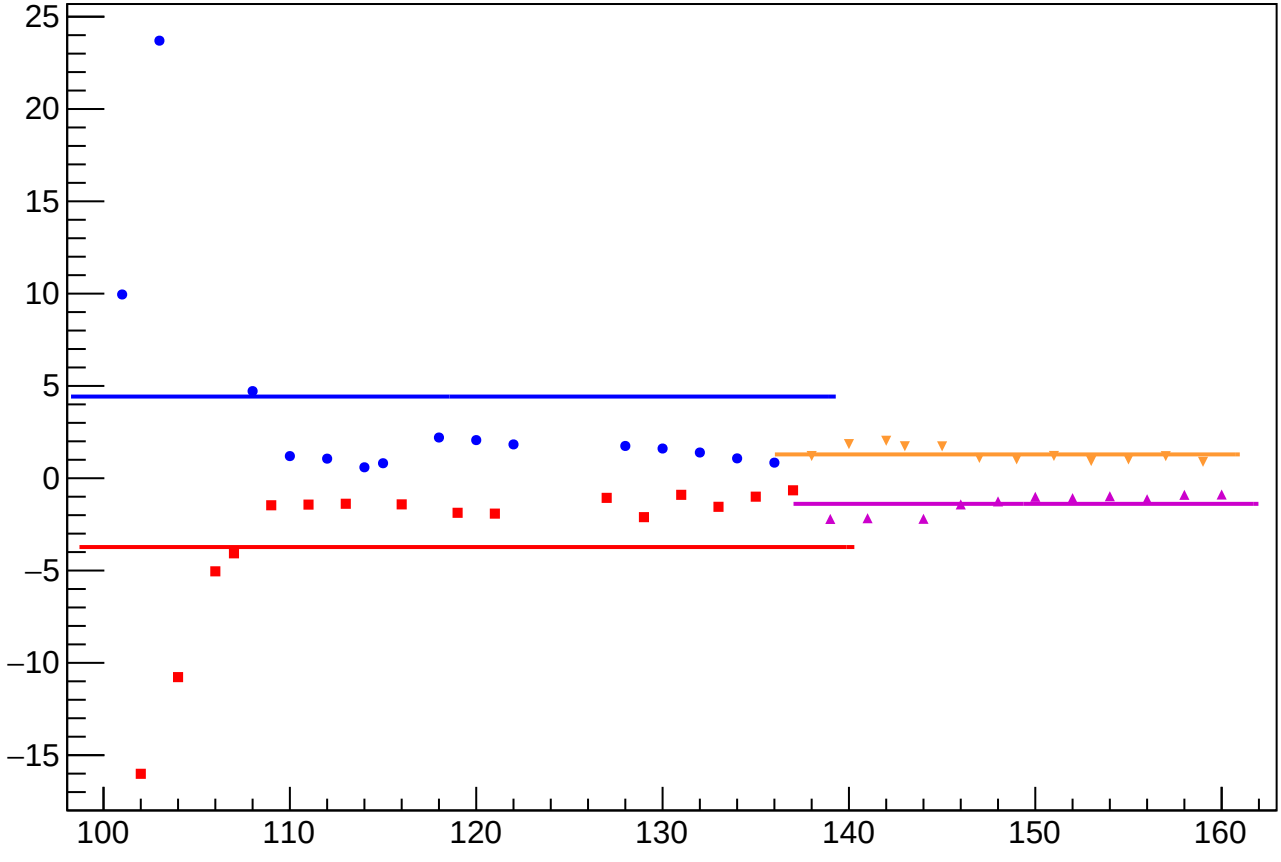
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.704+/-0.000 χ^2/NDF:116768203154190595

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.168+/-0.000 χ^2/NDF: 2915247501265

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Left Out: 1.291+/-0.000 χ^2/NDF:1192017256184521909174903242752 00.0/11

Right Out: -3.727+/-0.000 χ^2/NDF: 1399181681474984251979428485346 0992.0/15

Left In: -1.387+/-0.000 χ^2/NDF:2453812059137343689478295613603 84.0/10

Left: -0.056+/-0.000 χ^2/NDF: 36599109111417461

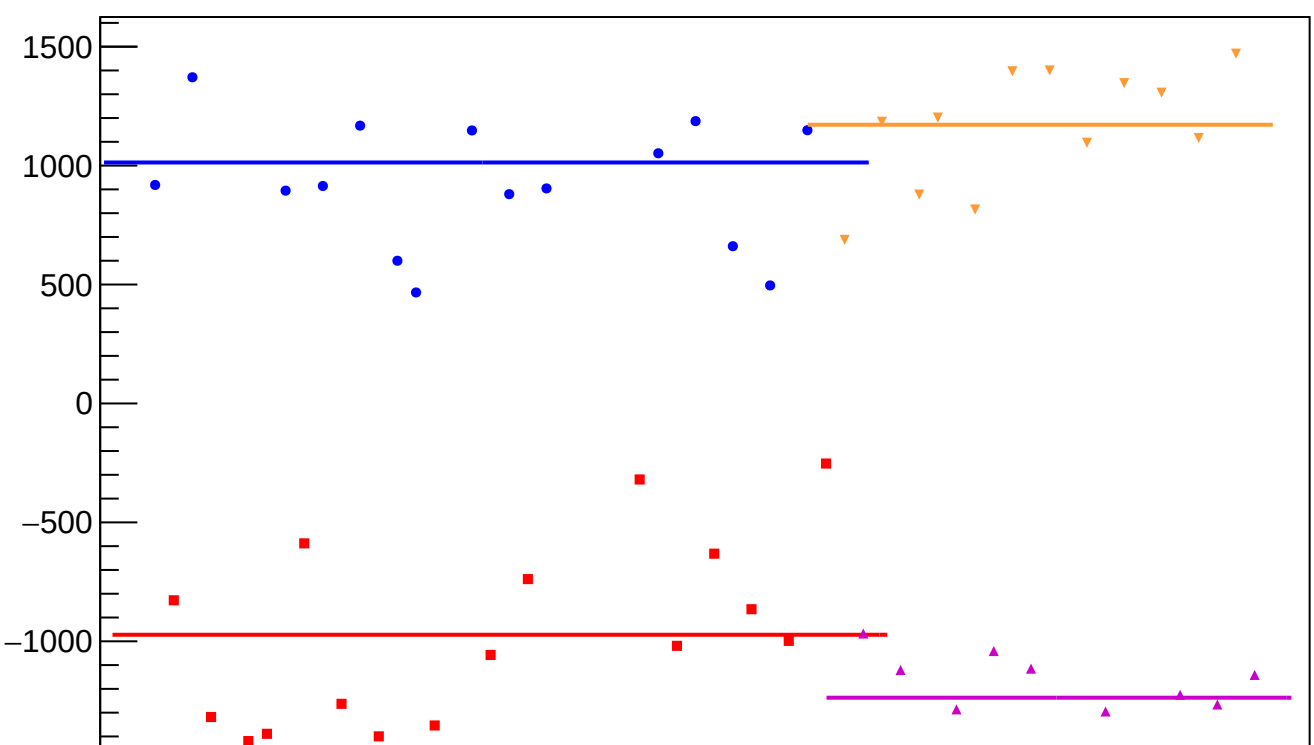
Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

In: 1.011+/-0.000 χ^2/NDF:4137923473893372080

Out: -0.826+/-0.000 χ^2/NDF:2382007871532663 3

All: 0.090+/-0.000 χ^2/NDF: 6785950193178 3

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

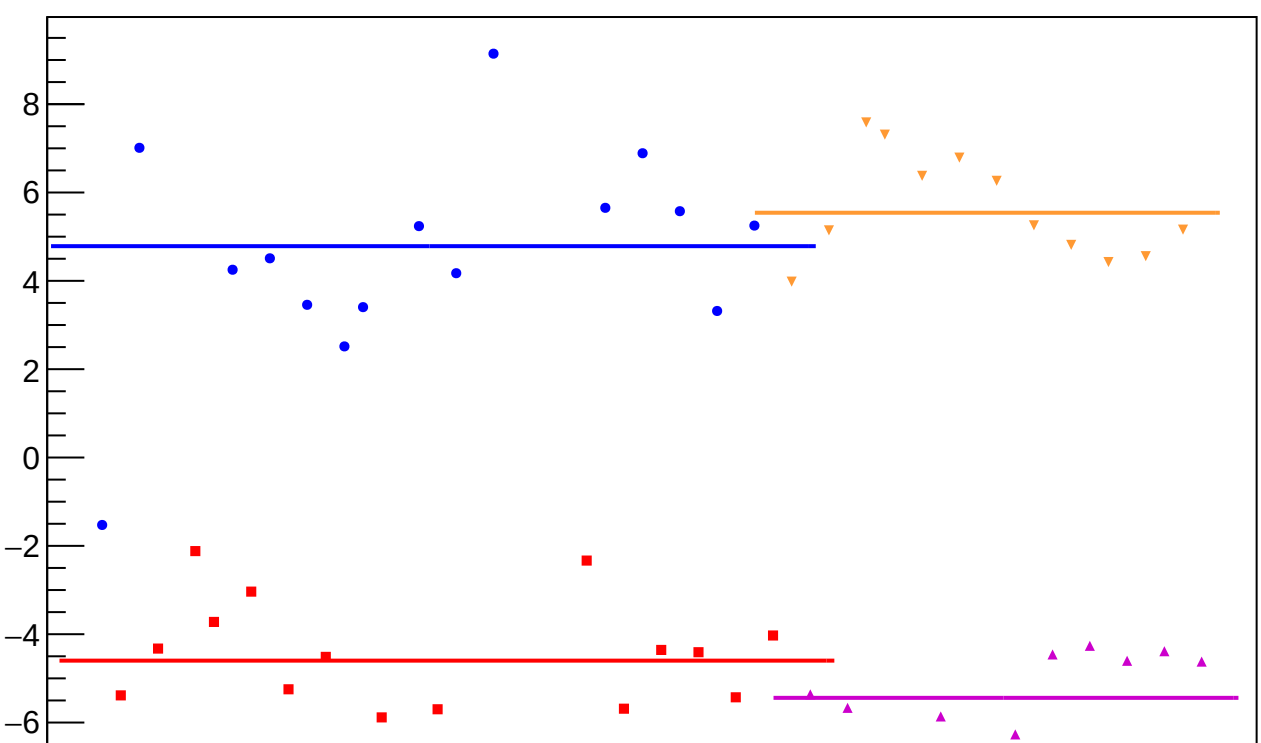
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

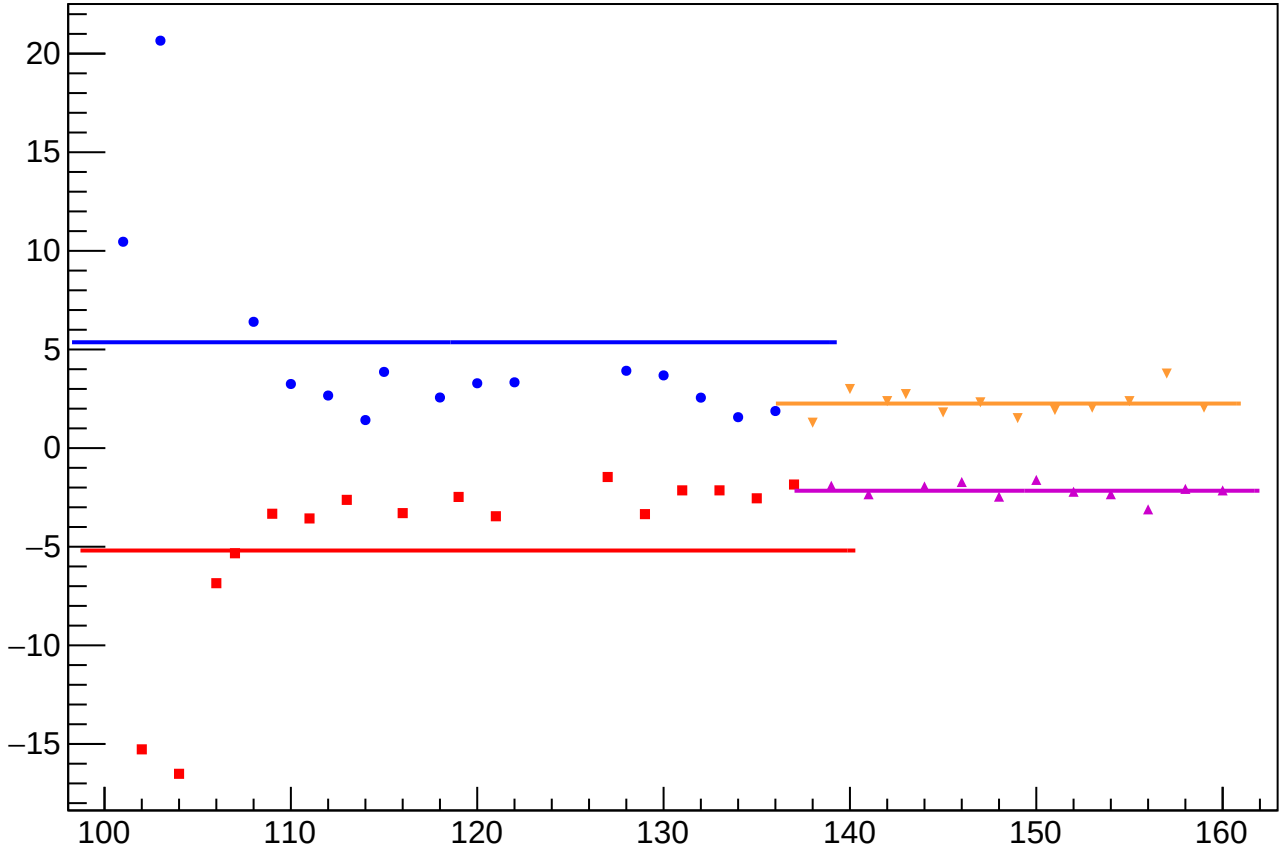
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 57456947506908561
Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4,0/14
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2
Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136,0/11
In: -1.222+/-0.000 χ^2/NDF:448312824685683470
Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15
Out: 1.264+/-0.000 χ^2/NDF:41702445109465698 4
Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10
All: 0.024+/-0.000 χ^2/NDF: 9140557061234 9

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.037+/-0.000 χ^2/NDF: 951216511750757833

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

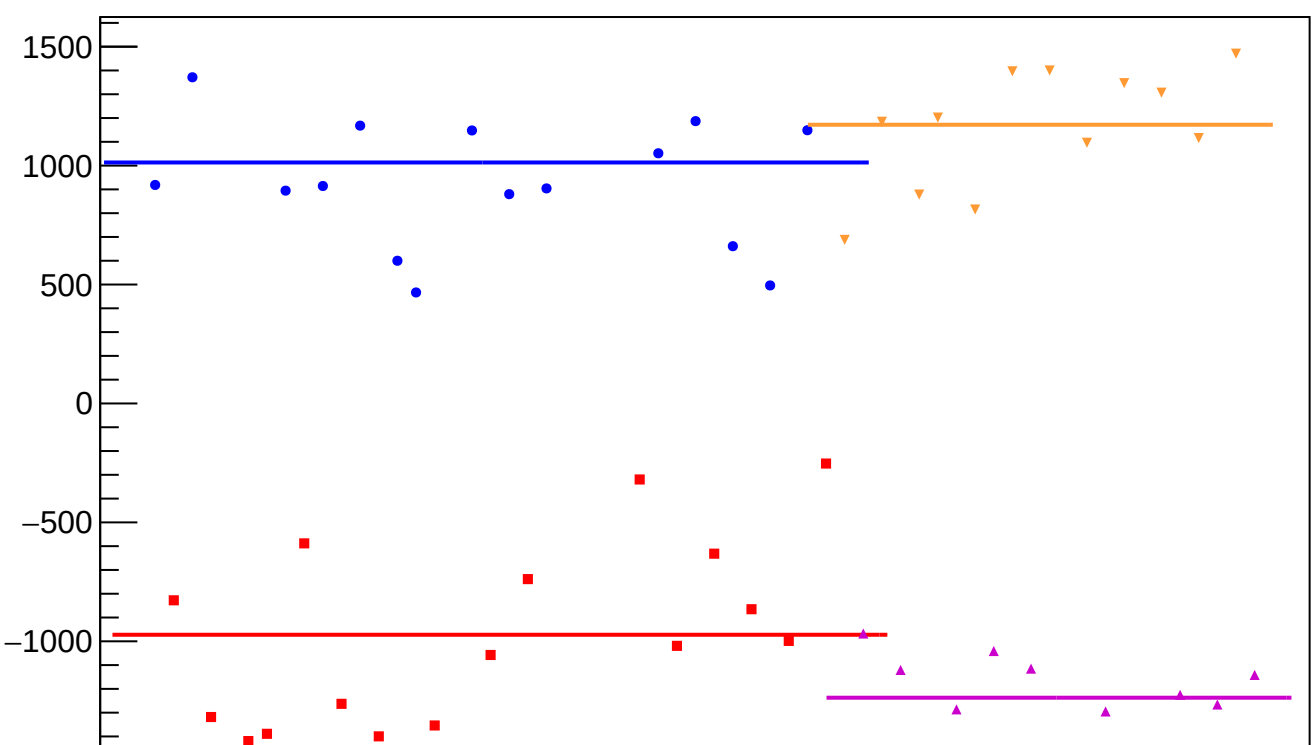
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -0.885+/-0.000 χ^2/NDF:3755287546995295 3

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8071194607126 6

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

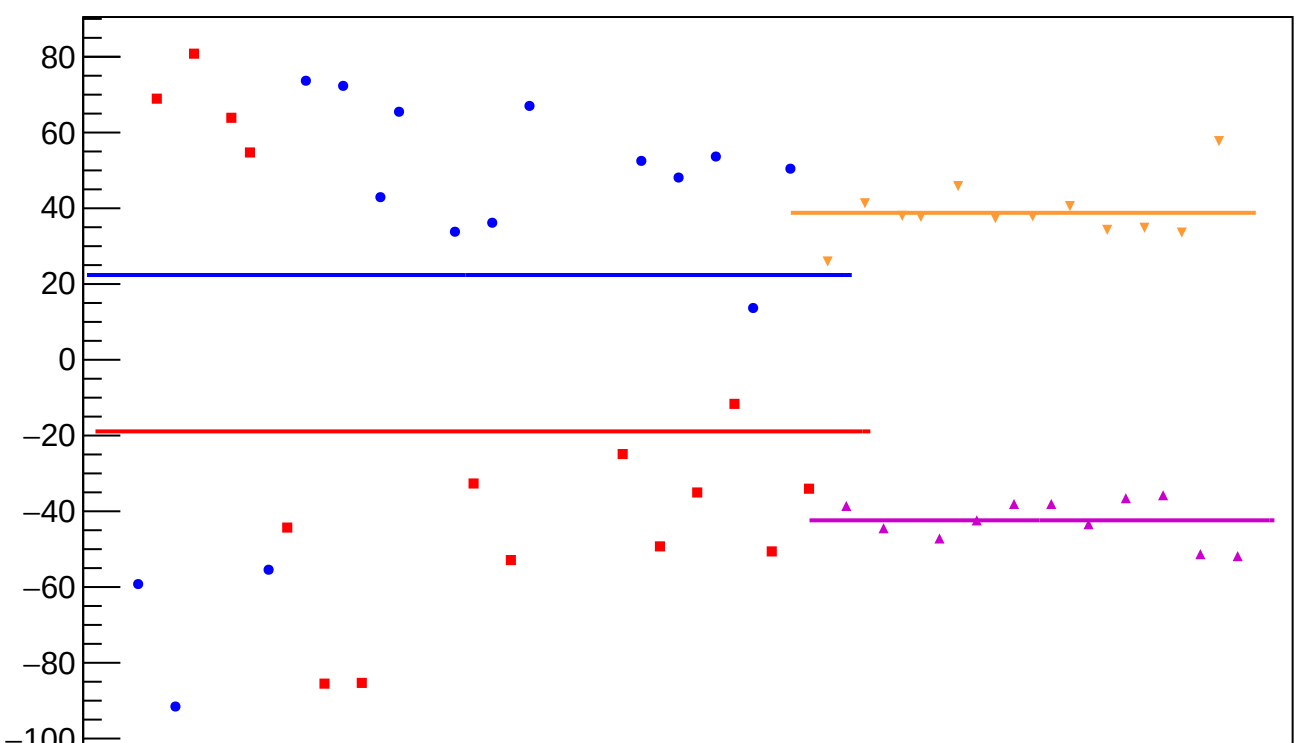
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

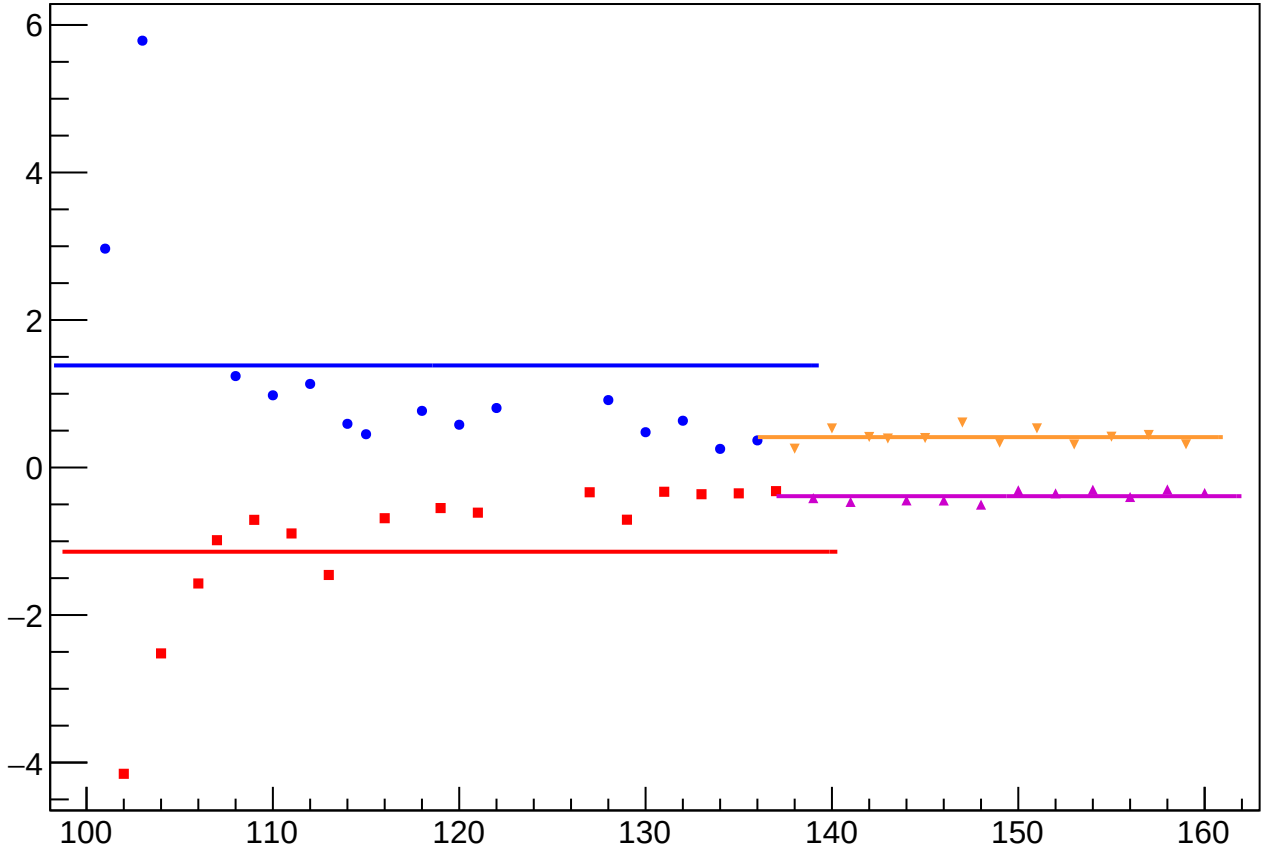
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -2.011+/-0.000 χ^2/NDF: 31072160739853167
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11
In: -15.663+/-0.000 χ^2/NDF:35481778634917281
Right Out: -18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15
Out: 14.458+/-0.000 χ^2/NDF:35182359761379109
Left In: -42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10
All: -0.564+/-0.000 χ^2/NDF: 7781760585963

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 30849529651621156

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

In: 0.343+/-0.000 χ^2/NDF:277353006534072708 9

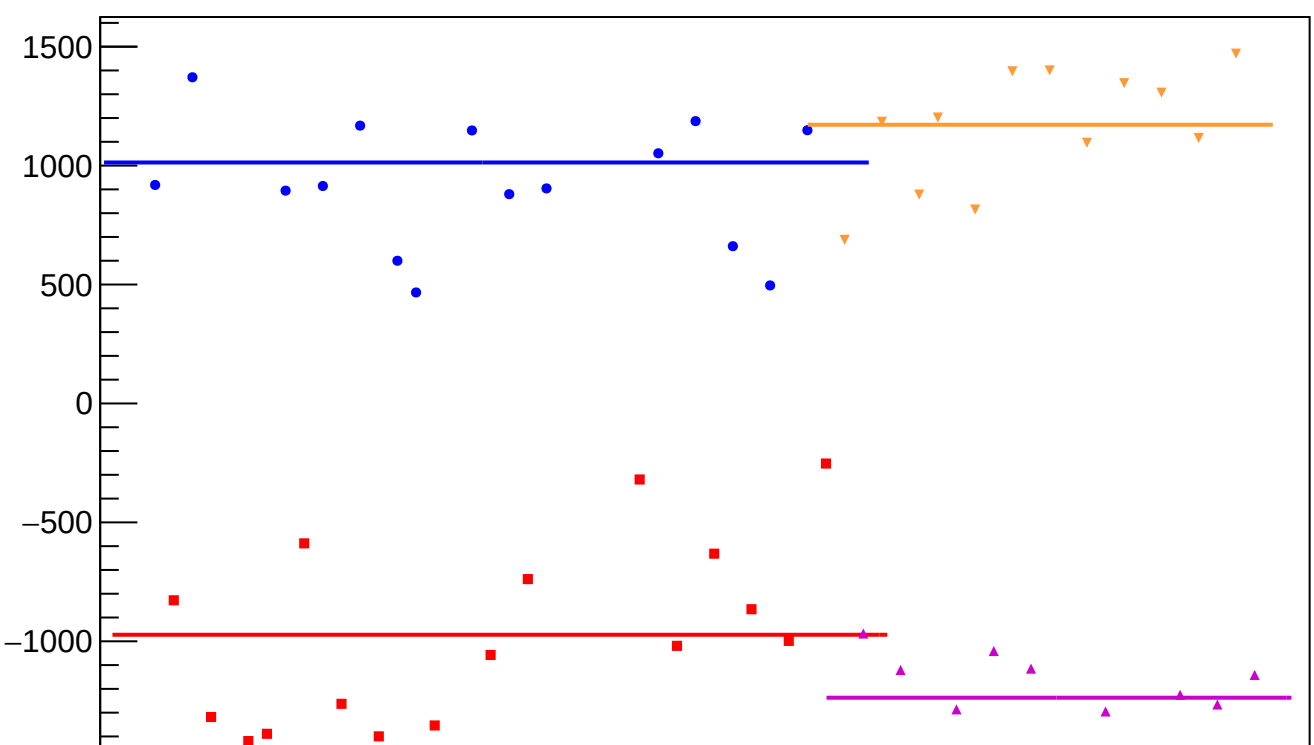
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:17511630764332006

Left In: -0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

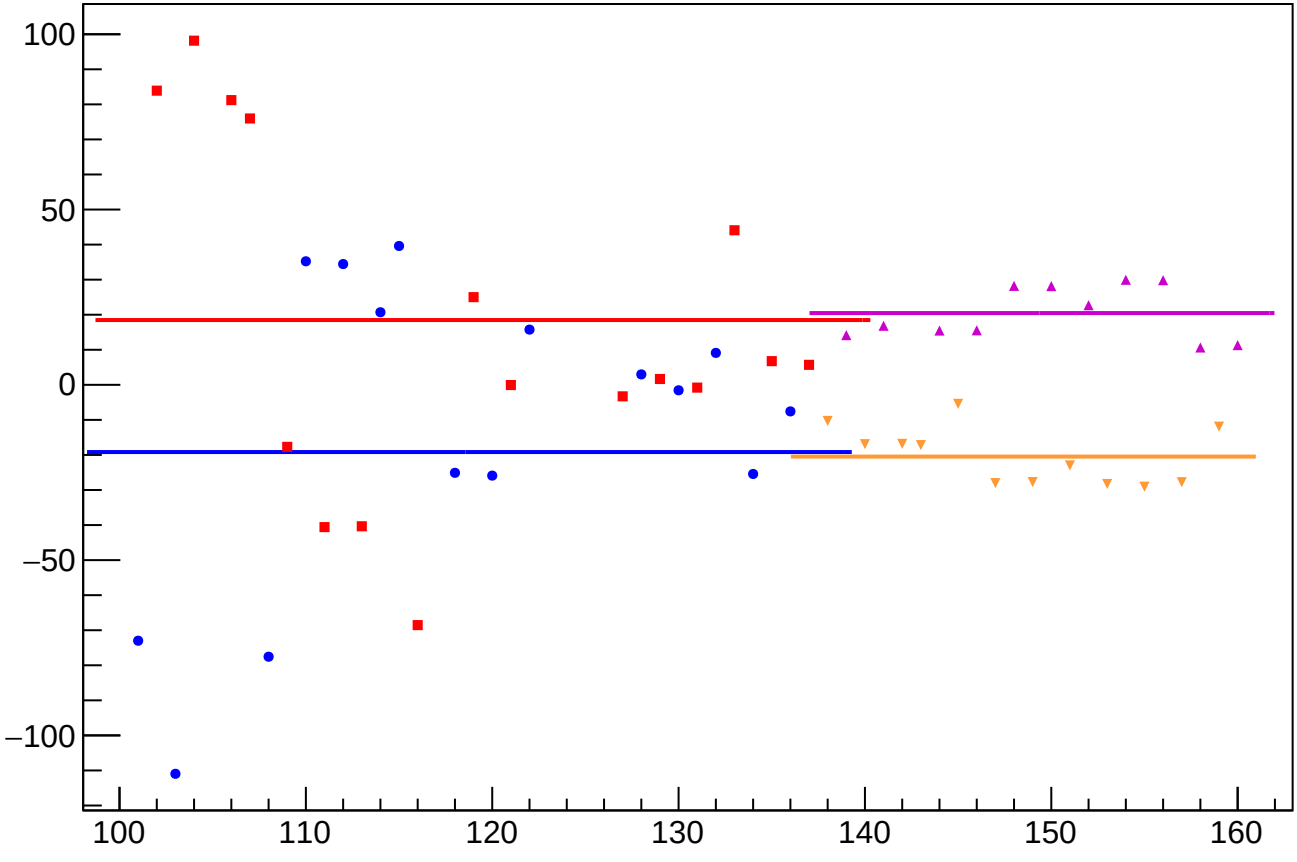
All: 0.049+/-0.000 χ^2/NDF: 4795604637543 1

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 0.115+/-0.000 χ^2/NDF: 877202582639736103

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

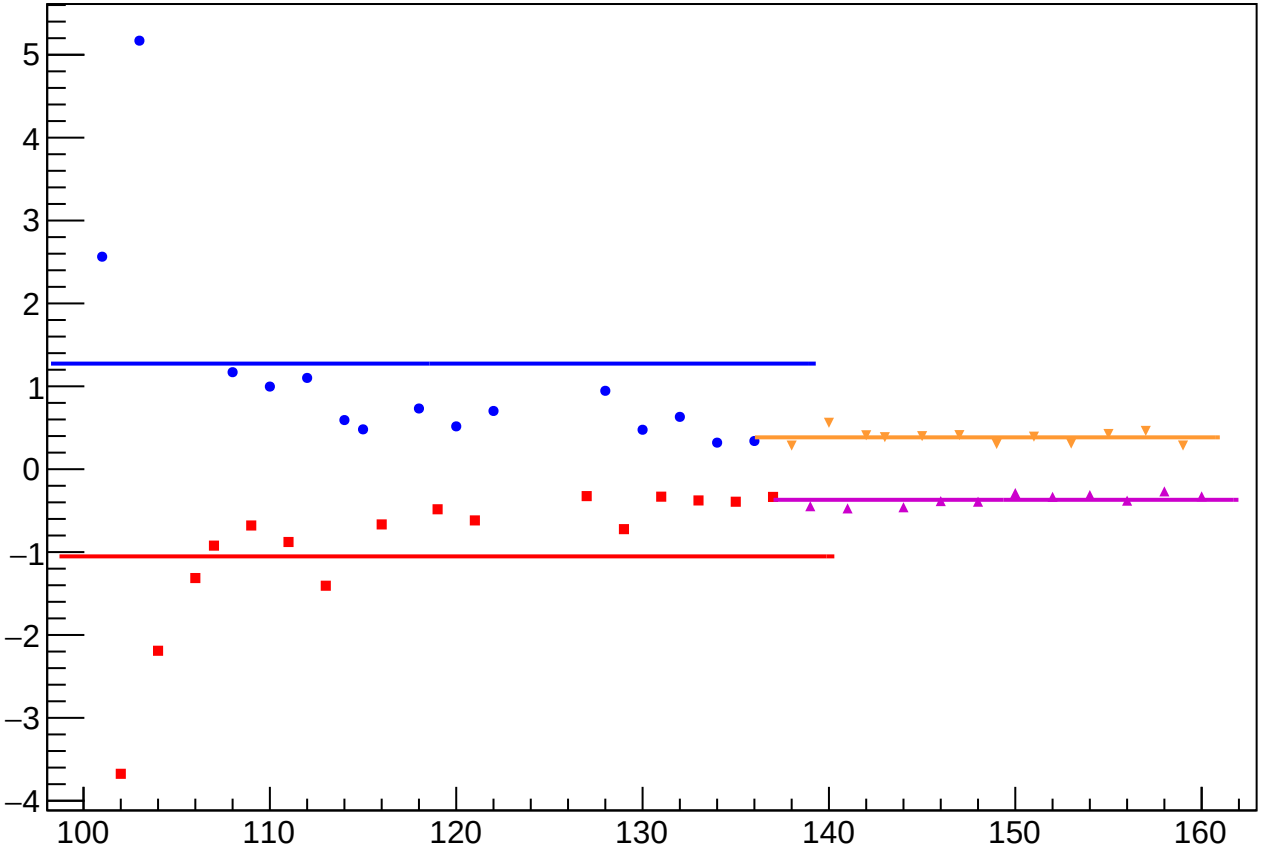
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.035+/-0.000 χ^2/NDF:21328659955407988

Left In: 20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079380498302

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.005+/-0.000 χ^2/NDF: 270980526388398617

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468 2

Left Out: 0.384+/-0.000 χ^2/NDF:582232202907859826826012943974 4.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780 5

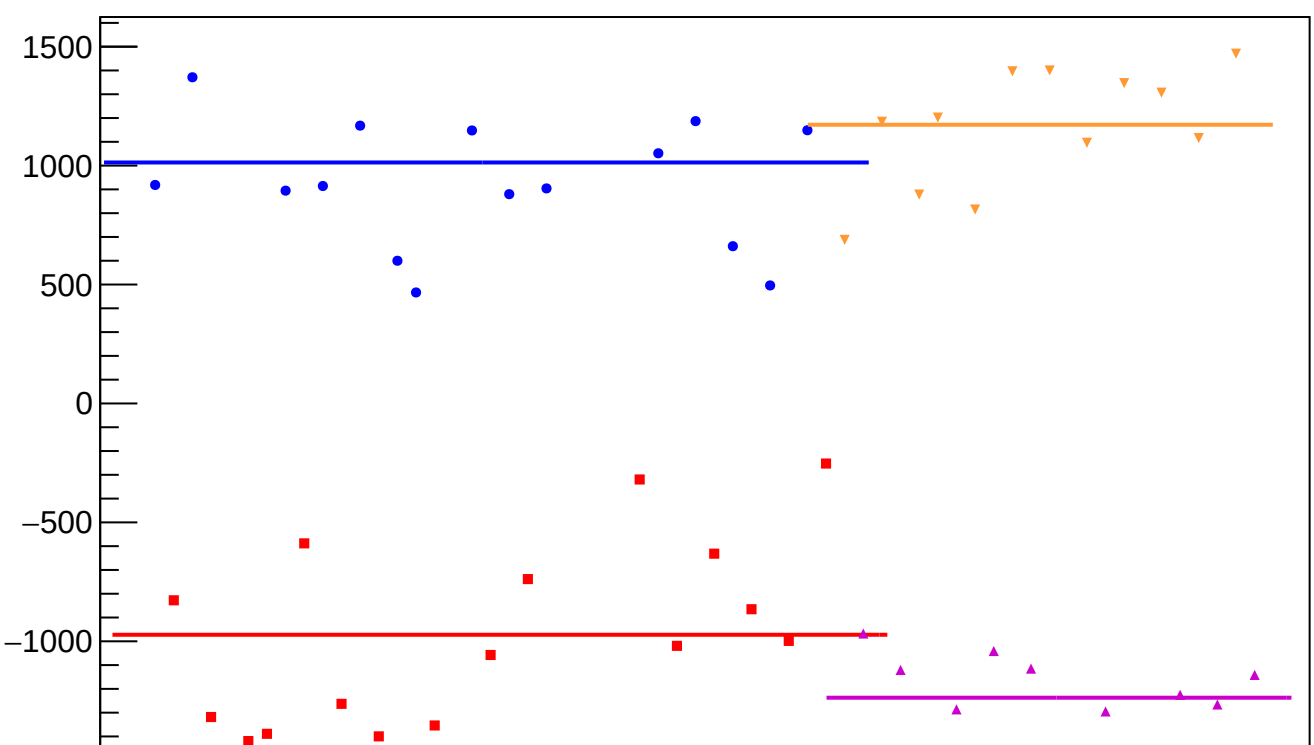
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.222+/-0.000 χ^2/NDF:1408503689243692 0

Left In: -0.369+/-0.000 χ^2/NDF:4166350638848138676707816112128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875882838199 7

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

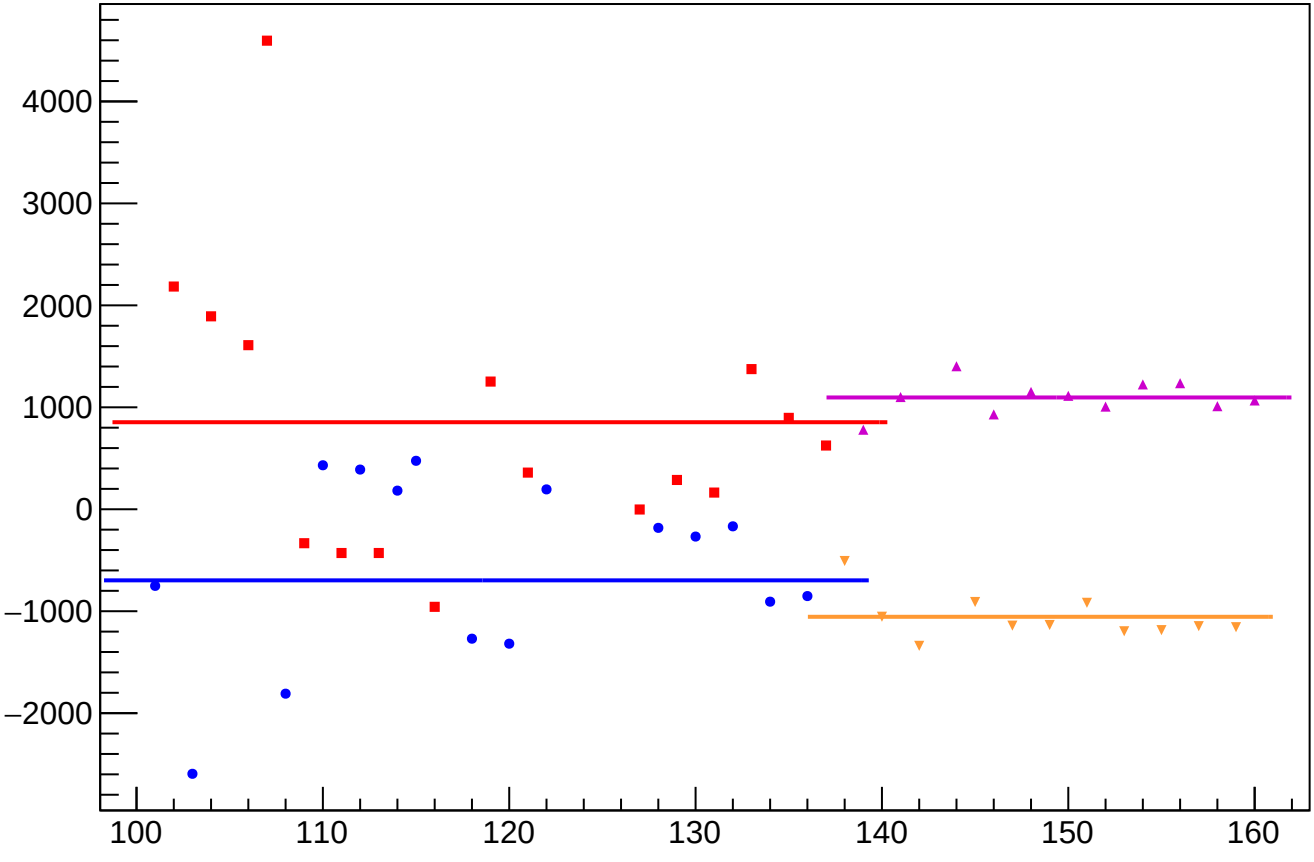
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

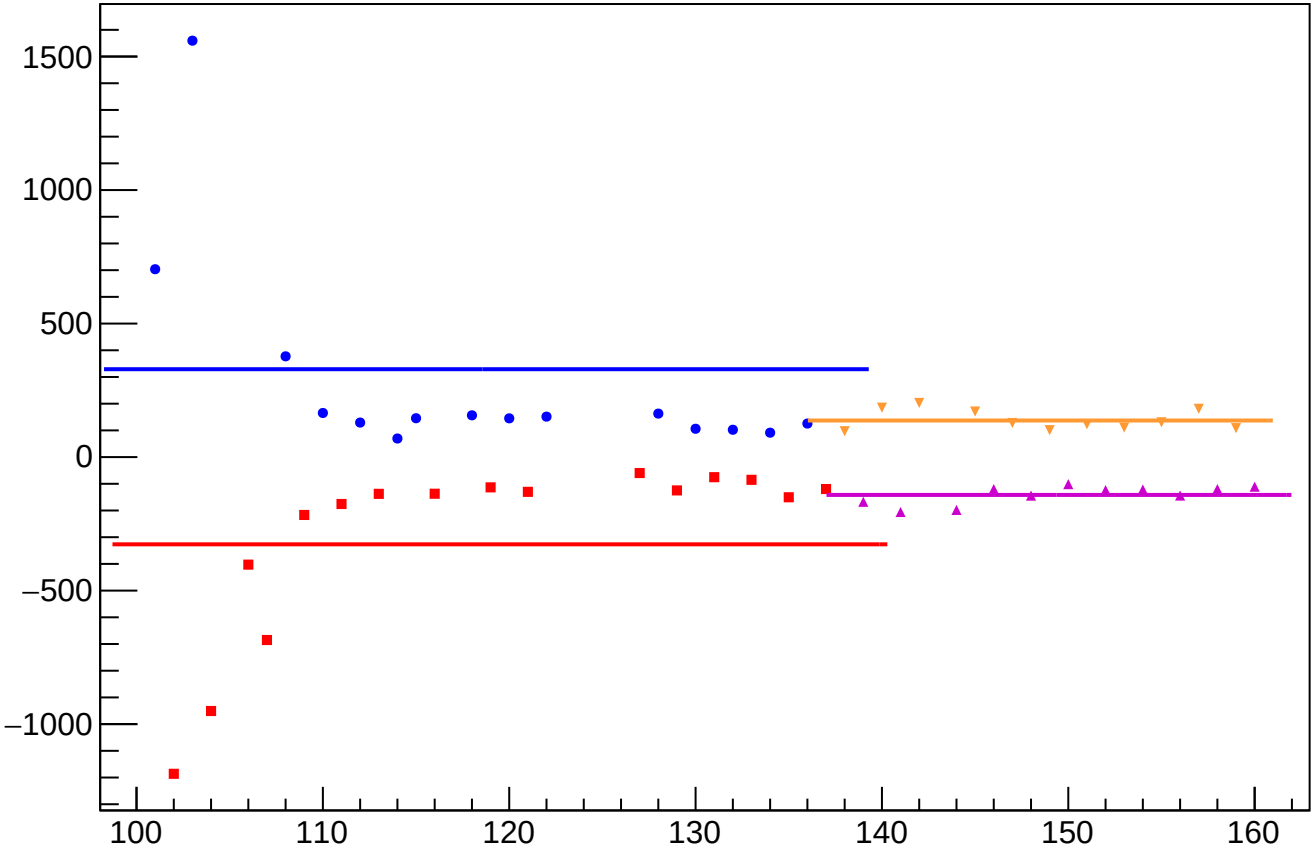
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_usl_coil6_mean vs Slug, Sign Corrected



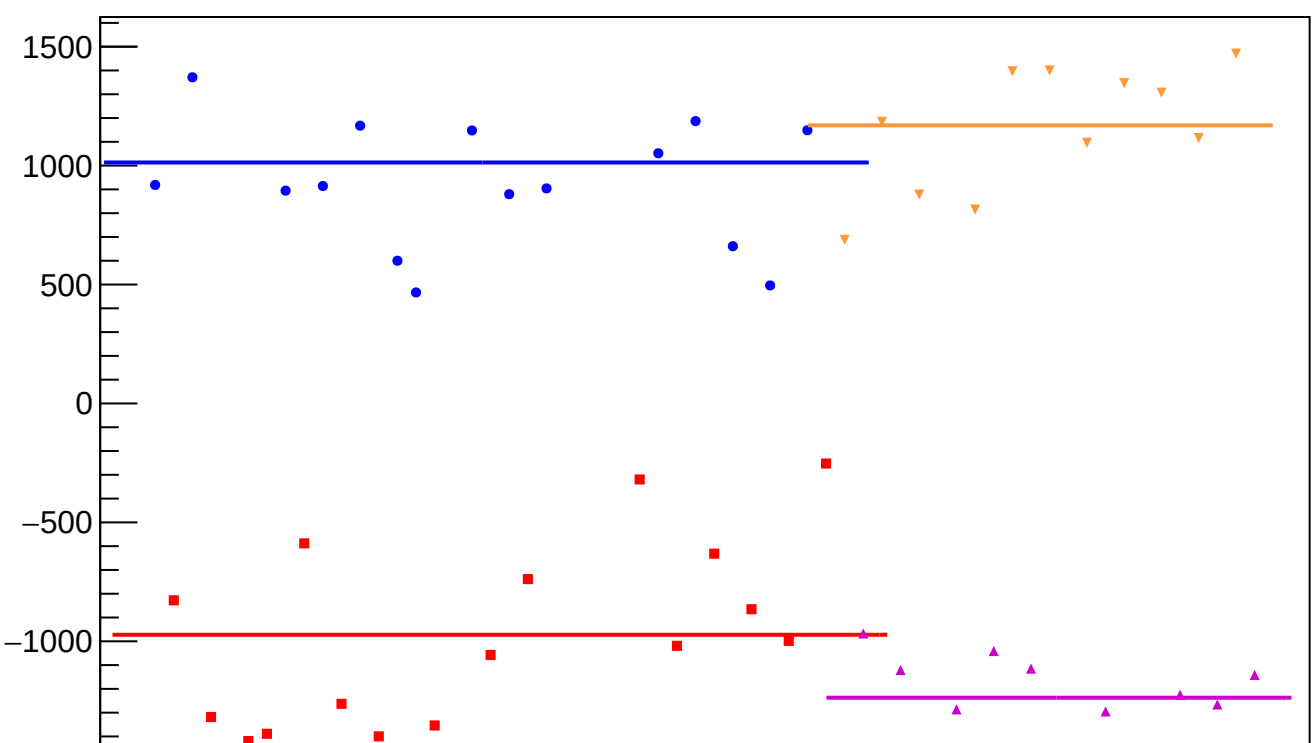
Left: 67.682+/-0.000 χ^2/NDF: 2104282925537346
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1054.675+/-0.000 χ^2/NDF:3589341456175128983102800453580514918 4.0/10
In: 356.413+/-0.000 χ^2/NDF:1740513713272145
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: -213.916+/-0.000 χ^2/NDF:247329313672222
Left In: 1096.508+/-0.000 χ^2/NDF:2339709246408509237500801467455792742 4.0/10
All: 76.698+/-0.000 χ^2/NDF: 446474651350

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -8.396+/-0.000 χ^2/NDF: 36384355238386043
Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14
Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126
Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10
In: 52.557+/-0.000 χ^2/NDF:20240803637991835
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15
Out: -67.276+/-0.000 χ^2/NDF:1688197715864031
Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10
All: -6.215+/-0.000 χ^2/NDF: 3823059515642

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1169.420+/-0.000 χ^2/NDF:523590585284842121529758179305539502 08.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -86.182+/-0.000 χ^2/NDF: 2642058453366472

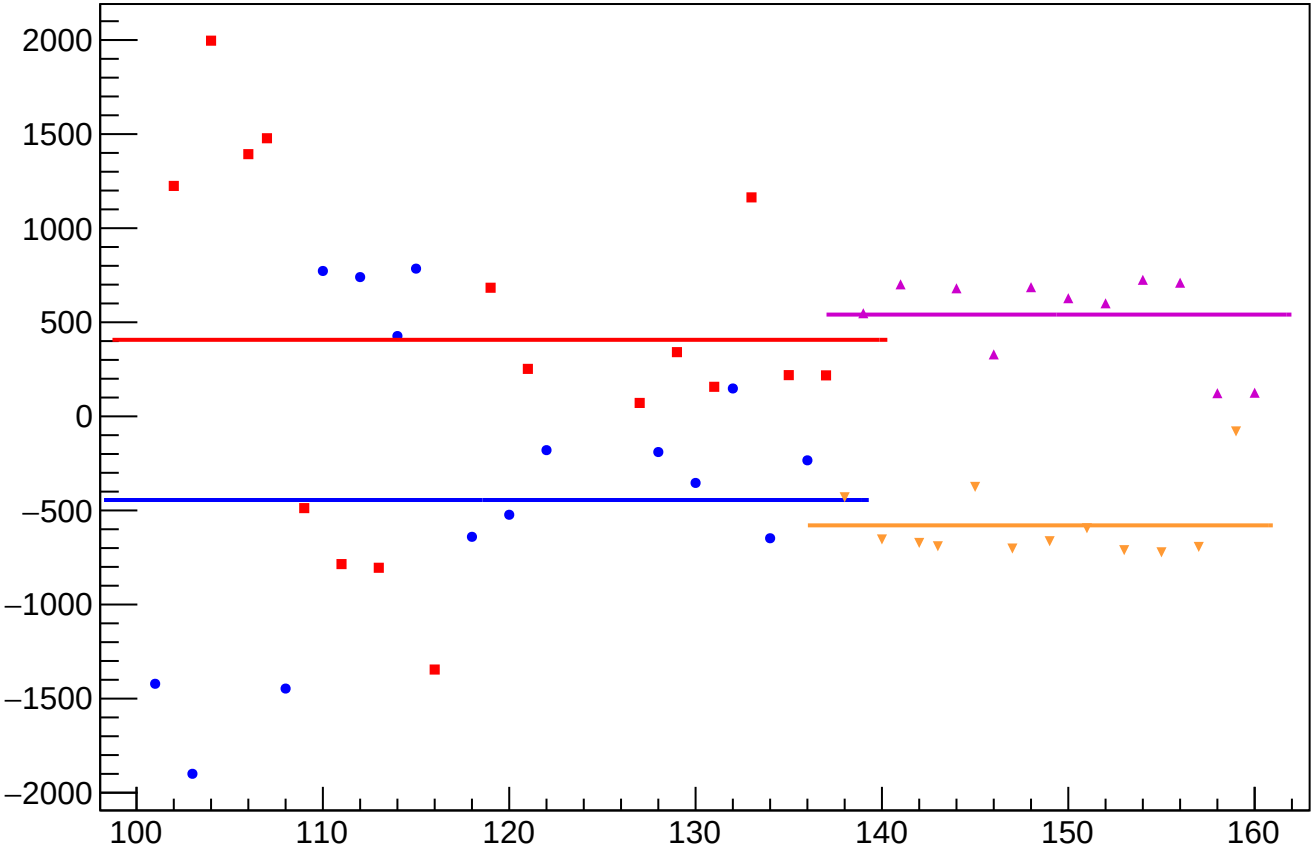
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 225.803+/-0.000 χ^2/NDF:184313289738696 9

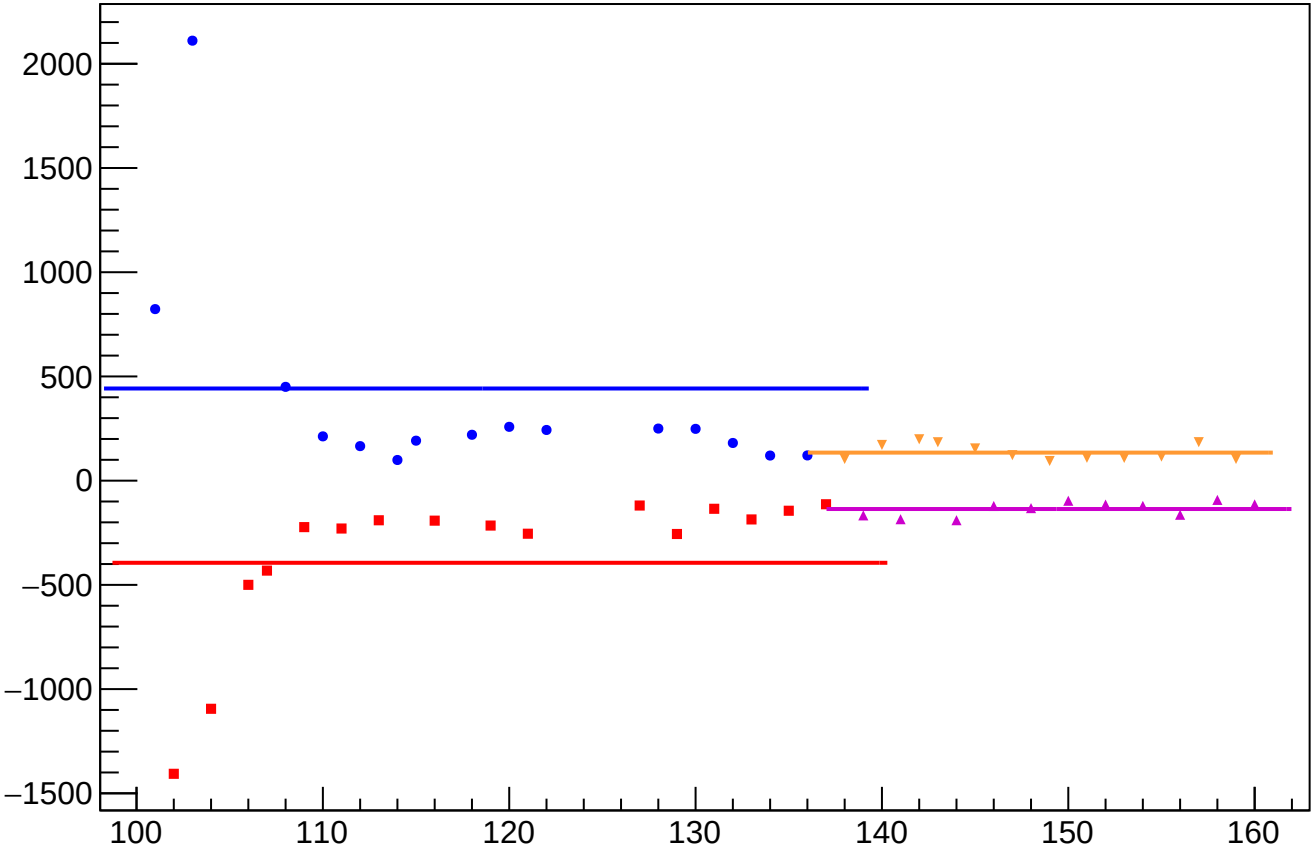
All: -46.560+/-0.000 χ^2/NDF: 405607578172

dit_usr_coil6_mean vs Slug, Sign Corrected



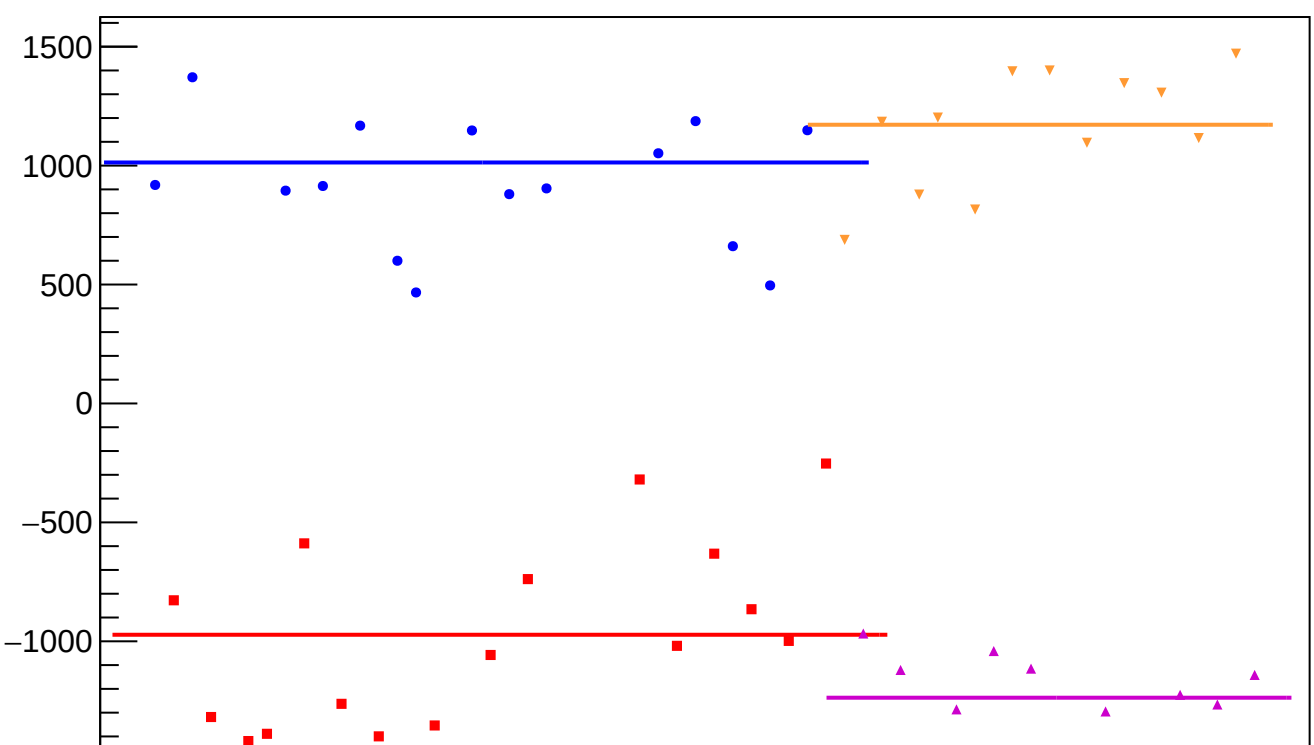
Left: -16.168+/-0.000 χ^2/NDF: 6517518654293770
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -579.272+/-0.000 χ^2/NDF:325845815245288609415955974070426664 96.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -163.293+/-0.000 χ^2/NDF:936589740364006
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.875+/-0.000 χ^2/NDF: 181571626575

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -1.475+/-0.000 χ^2/NDF: 3578033492733562
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.444+/-0.000 χ^2/NDF:2147483337083206
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.795+/-0.000 χ^2/NDF: 5759815630921

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

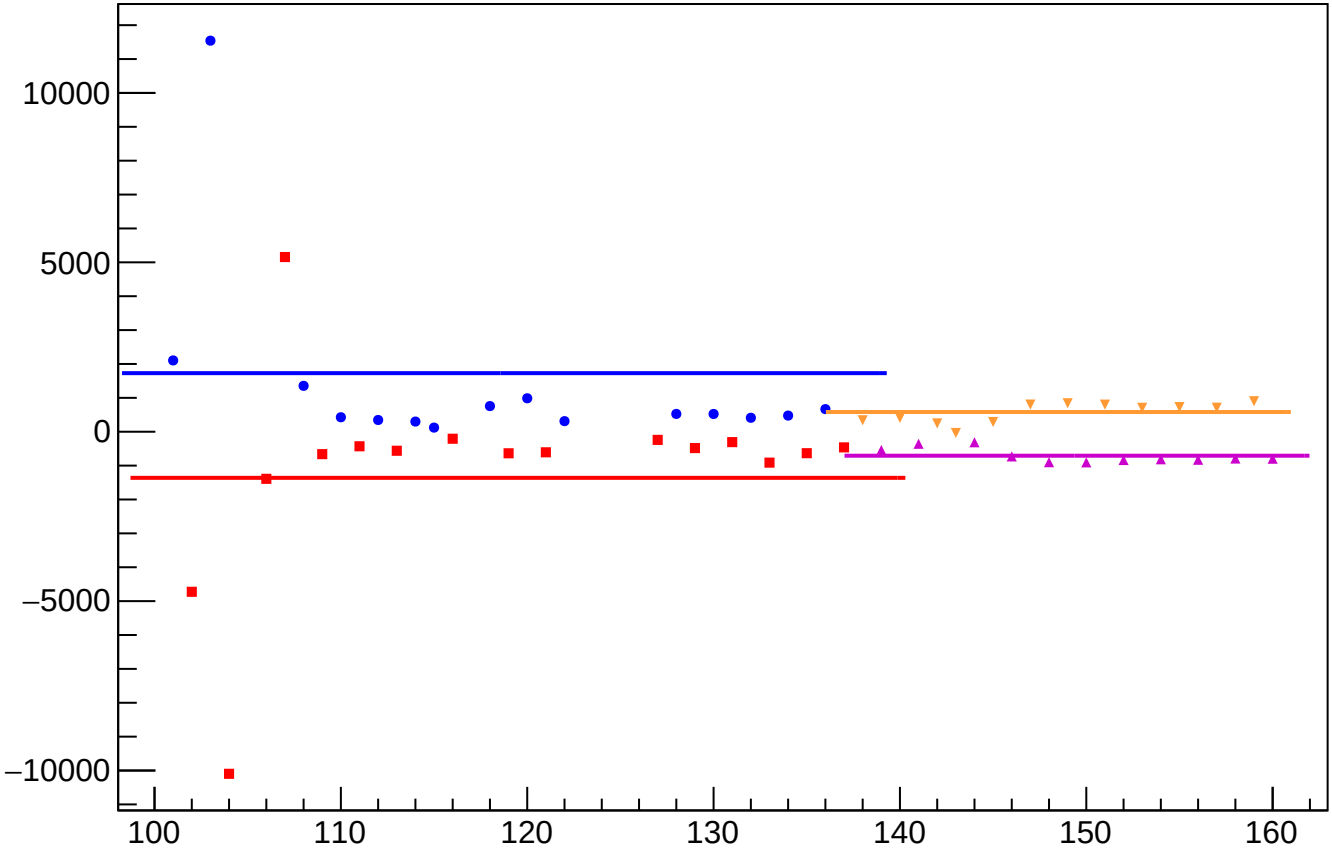
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

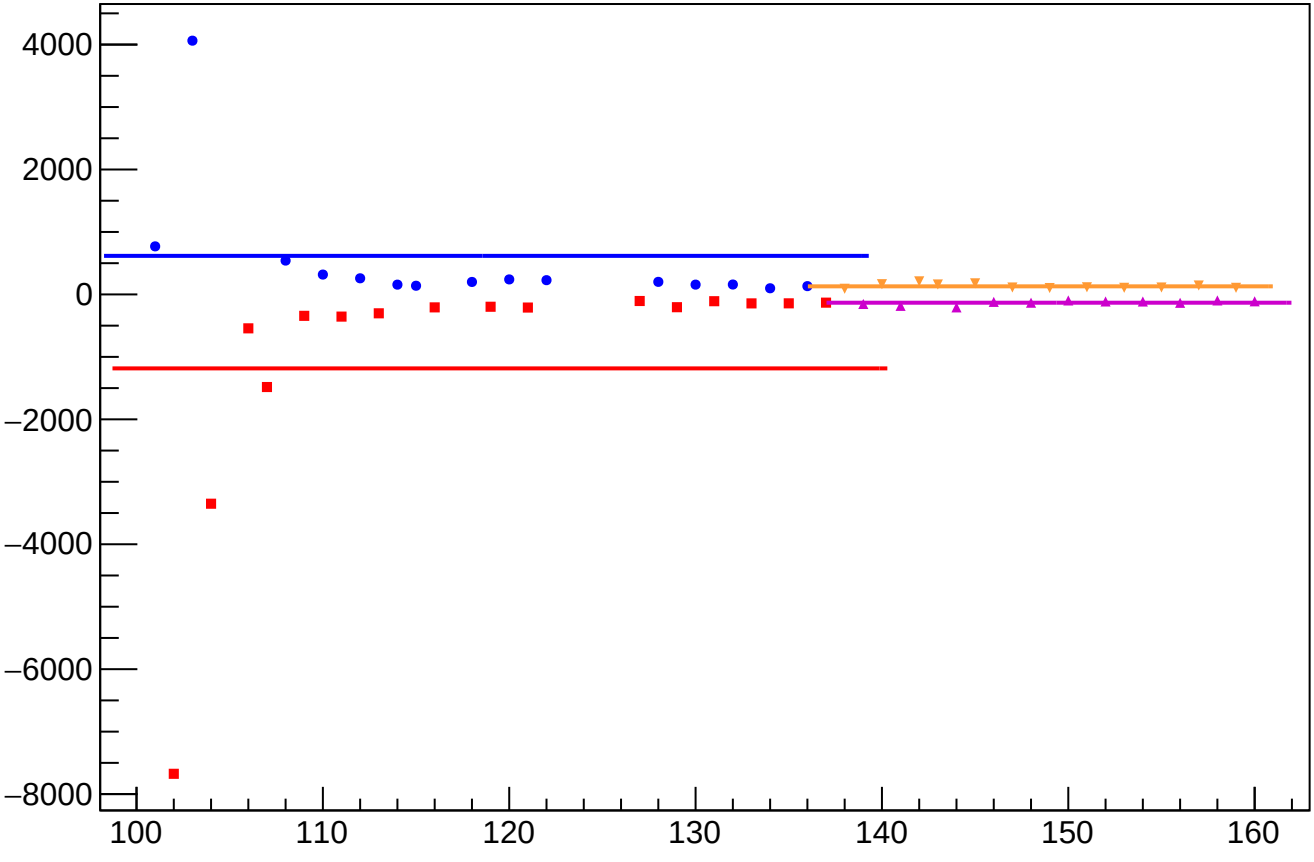
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -66.378+/-0.000 χ^2/NDF: 8728806118871986
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 582.152+/-0.000 χ^2/NDF:7008377264783148612573298976880171417 6.0/11
In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3
Right Out: -1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15
Out: -237.598+/-0.000 χ^2/NDF:795753517913564
Left In: -707.889+/-0.000 χ^2/NDF:3811648618881798069903242600243213 1072.0/10
All: 29.296+/-0.000 χ^2/NDF: 1689851779226

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.478+/-0.000 χ^2/NDF: 33670260224072050

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11

In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3

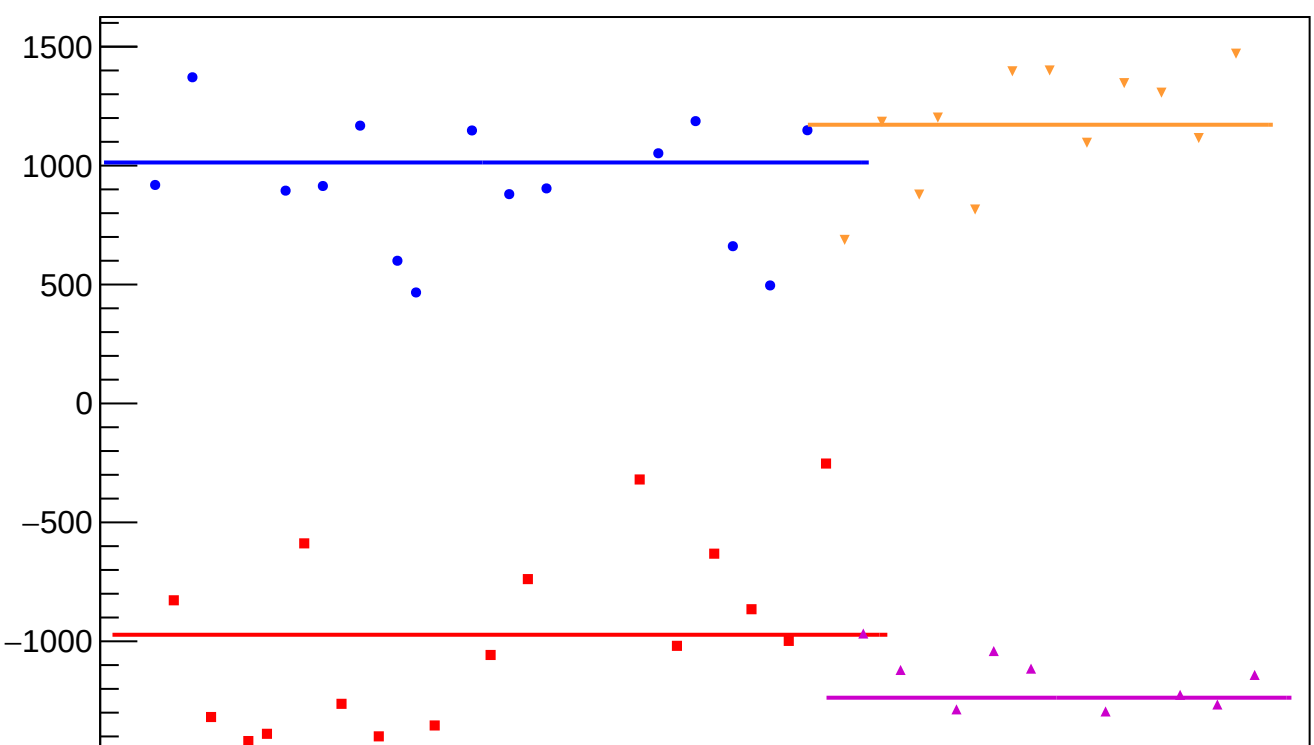
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

Out: -424.874+/-0.000 χ^2/NDF:383384679503055

Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10

All: -124.871+/-0.000 χ^2/NDF: 51271793033

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

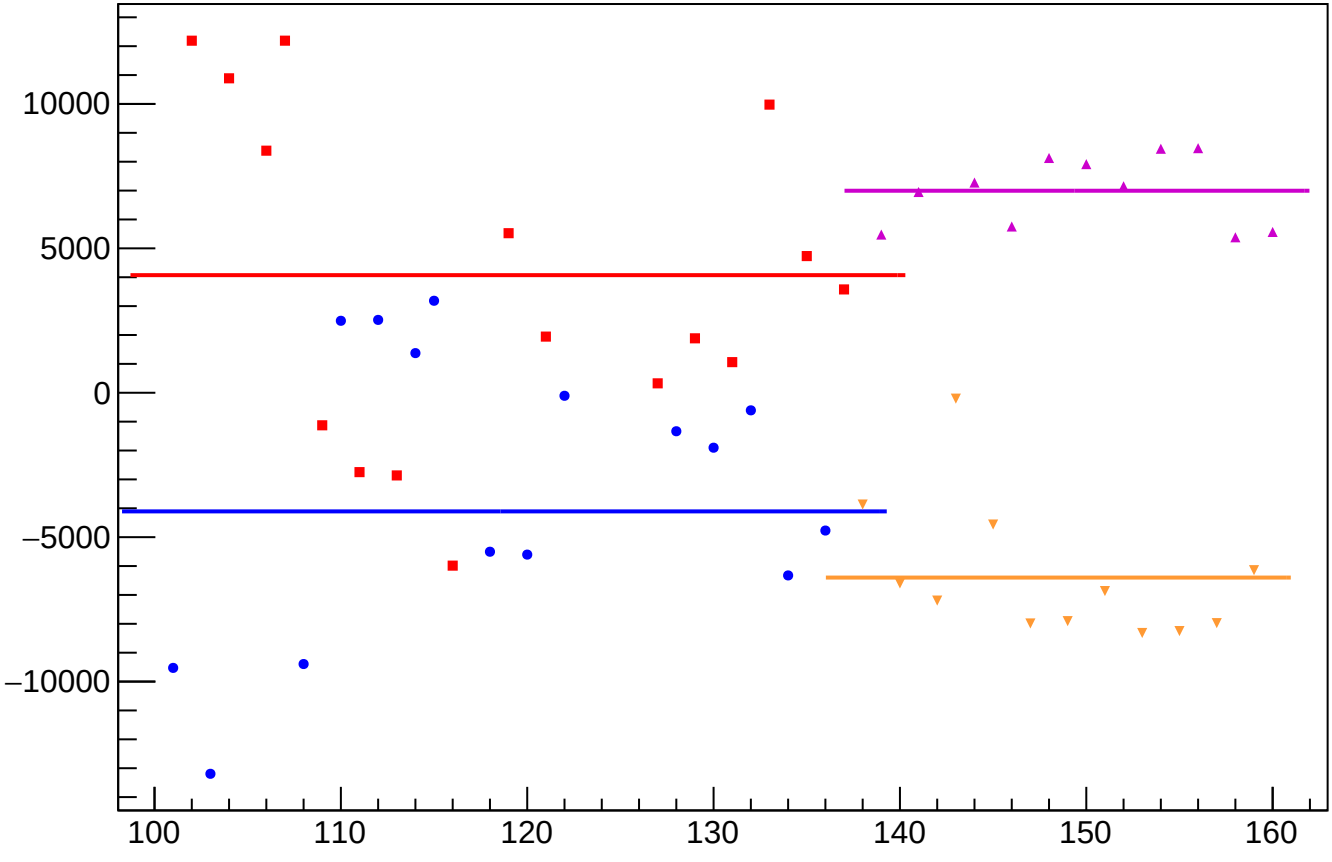
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl2_coil6_mean vs Slug, Sign Corrected



Left: 334.389+/-0.000 χ^2/NDF: 882200792503166

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

In: 2414.162+/-0.000 χ^2/NDF:6274970680925114

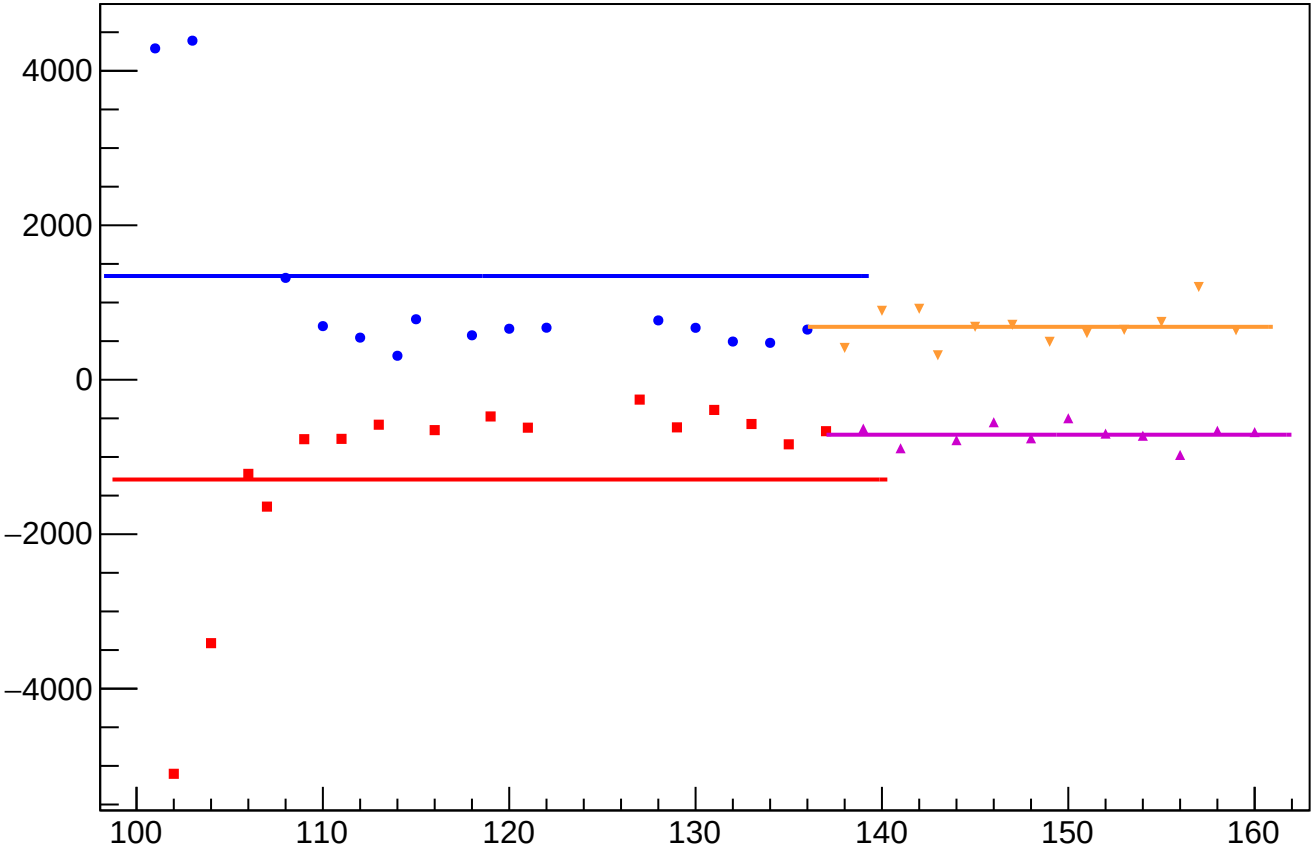
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: -1981.339+/-0.000 χ^2/NDF:67205872968541

Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

All: 210.837+/-0.000 χ^2/NDF: 14518963657 5

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -17.010+/-0.000 χ^2/NDF: 9589871877272368

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230

Left Out: 685.307+/-0.000 χ^2/NDF:463332490809858132337422121534582947 84.0/11

In: 136.160+/-0.000 χ^2/NDF:2943372362818716 0

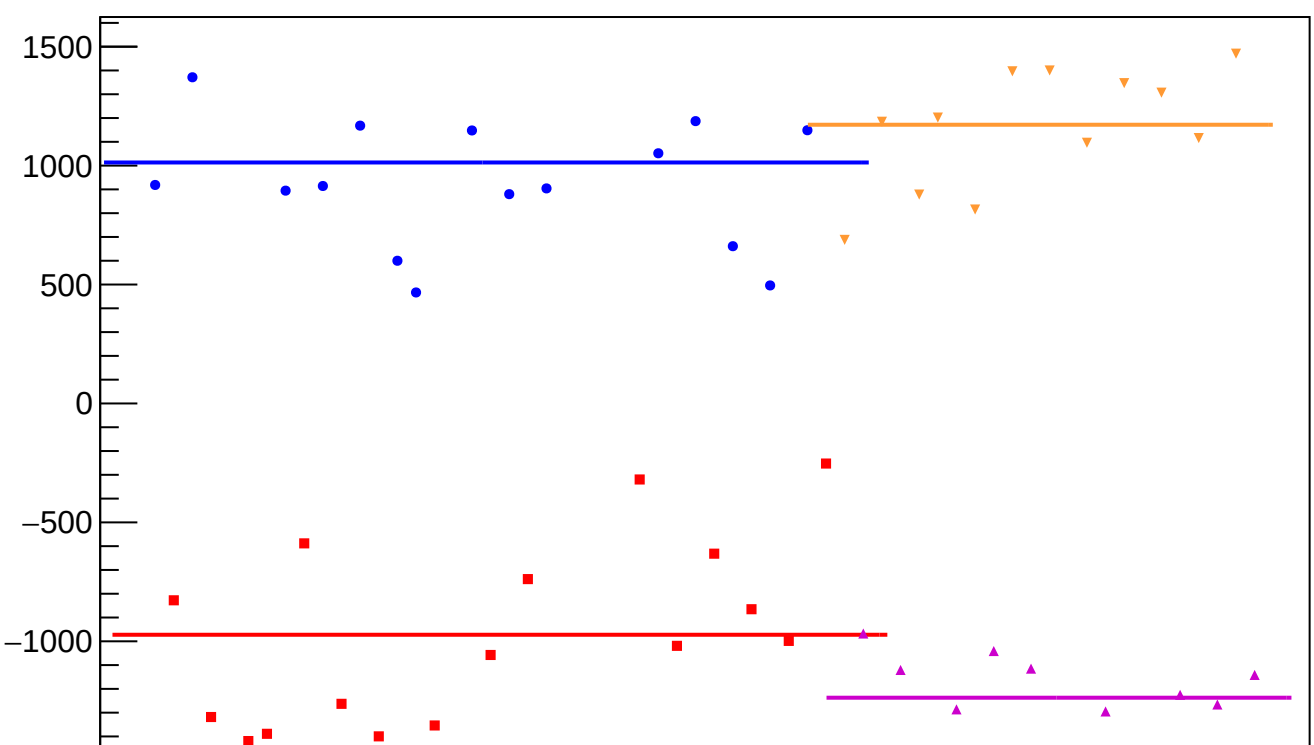
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Out: -148.803+/-0.000 χ^2/NDF:287719999706056

Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

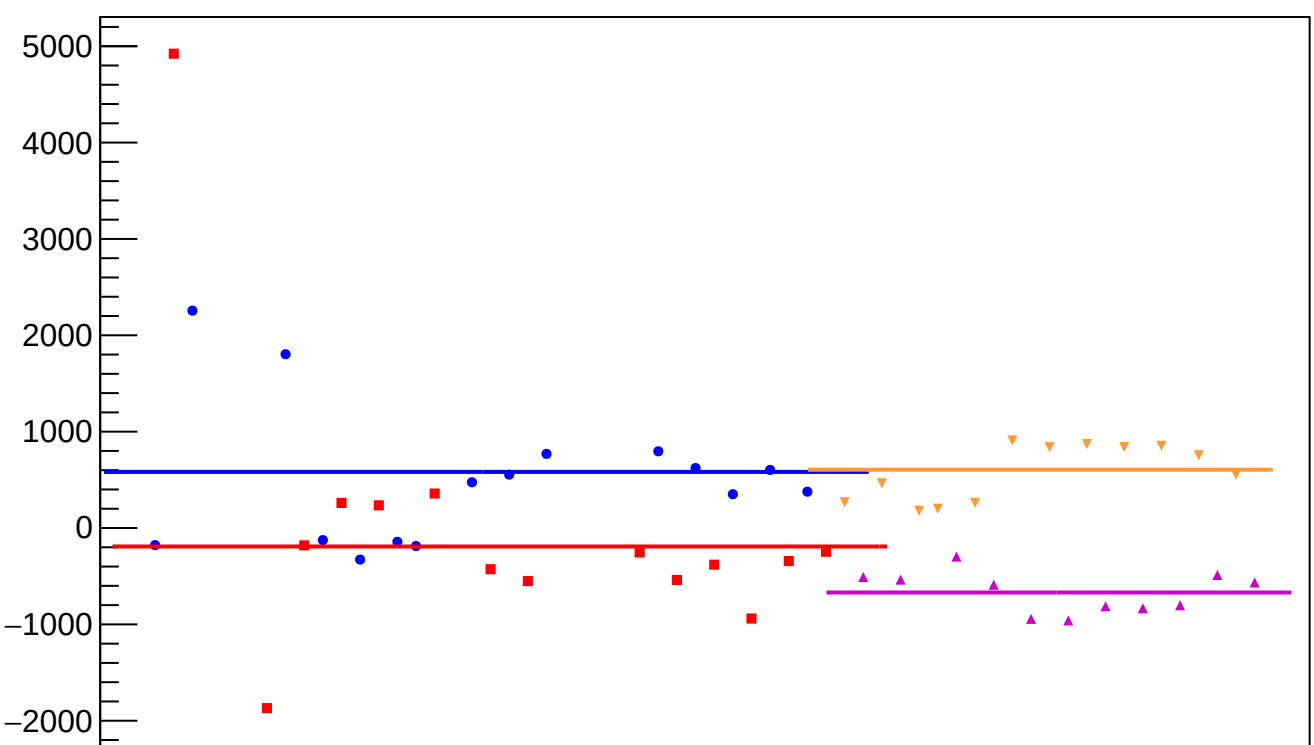
All: -6.683+/-0.000 χ^2/NDF: 5884601406998

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



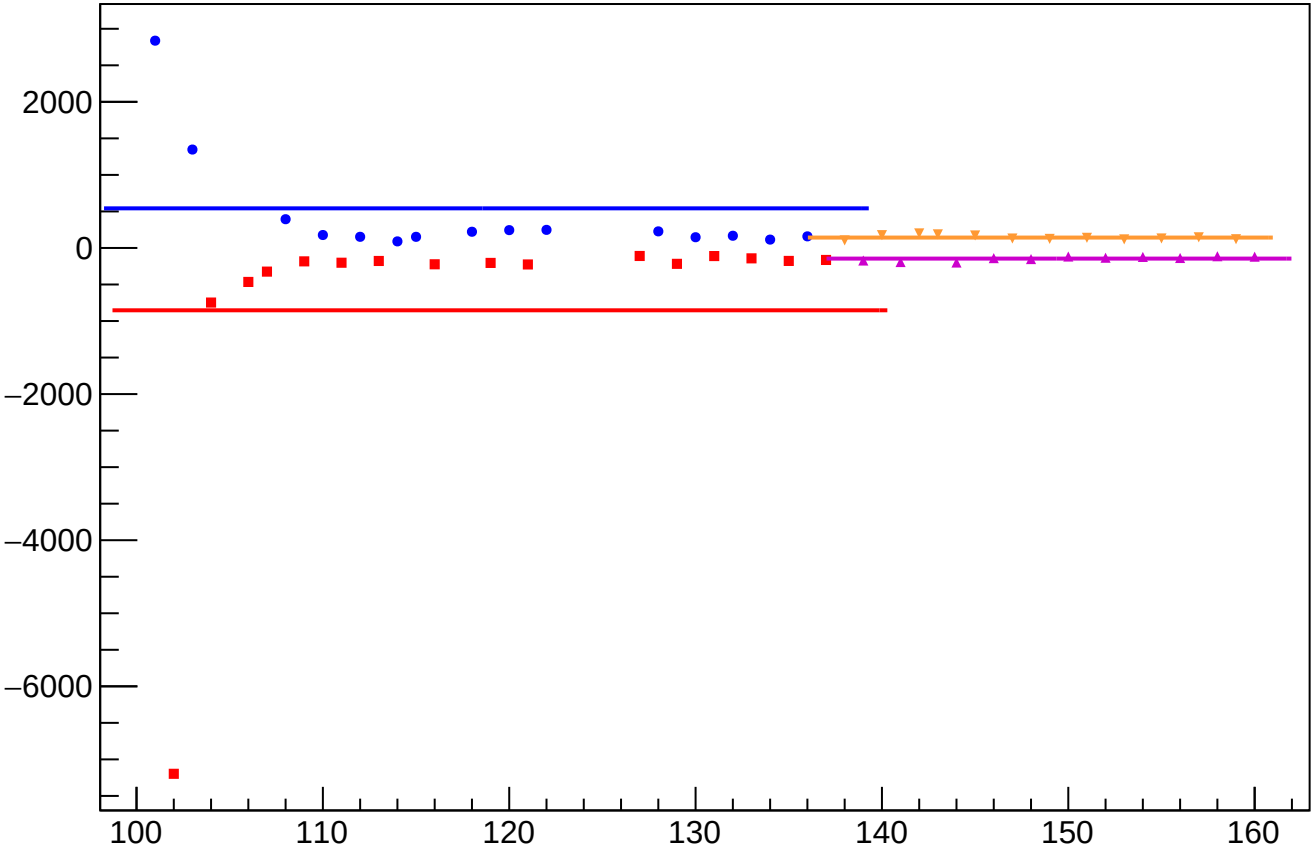
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -35.507+/-0.000 χ^2/NDF: 8534436967394536
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 605.074+/-0.000 χ^2/NDF:6791251524544619672993713088270591 5904.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.975+/-0.000 χ^2/NDF:2481404905102664
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.630+/-0.000 χ^2/NDF: 3597086809072

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.367+/-0.000 χ^2/NDF: 39549748395756711

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

Right: -164.982+/-0.000 χ^2/NDF: 36290648240362

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

In: 138.288+/-0.000 χ^2/NDF:5955245908966435

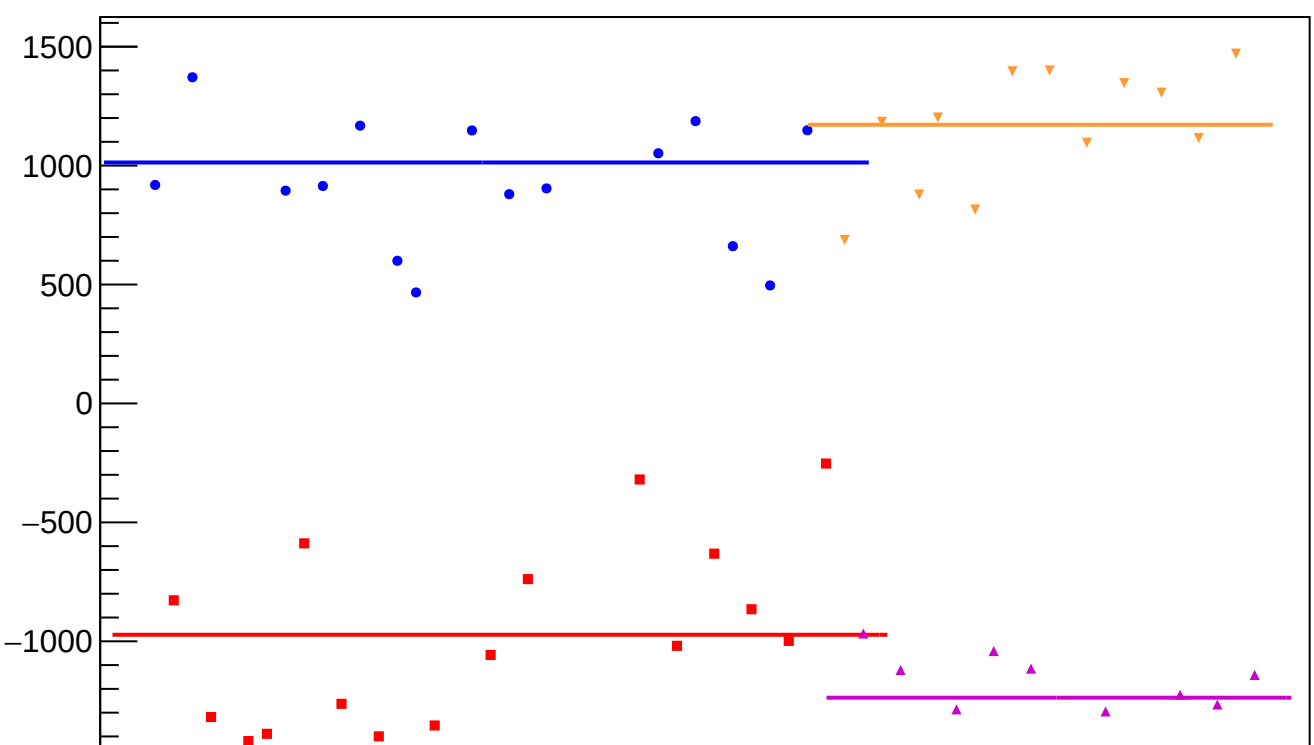
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15

Out: -277.669+/-0.000 χ^2/NDF:295694420364328

Left In: -145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

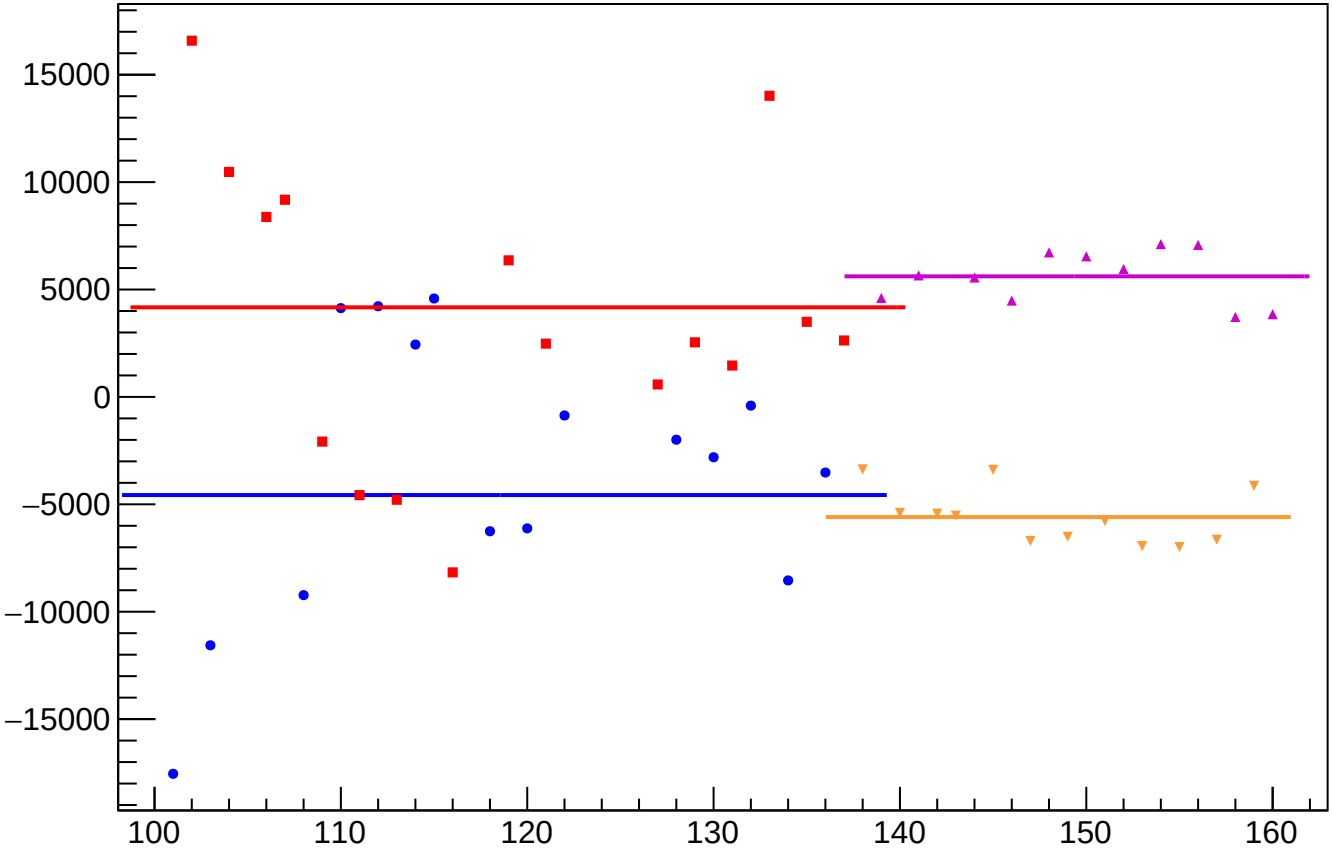
All: -70.218+/-0.000 χ^2/NDF: 36888941096 3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



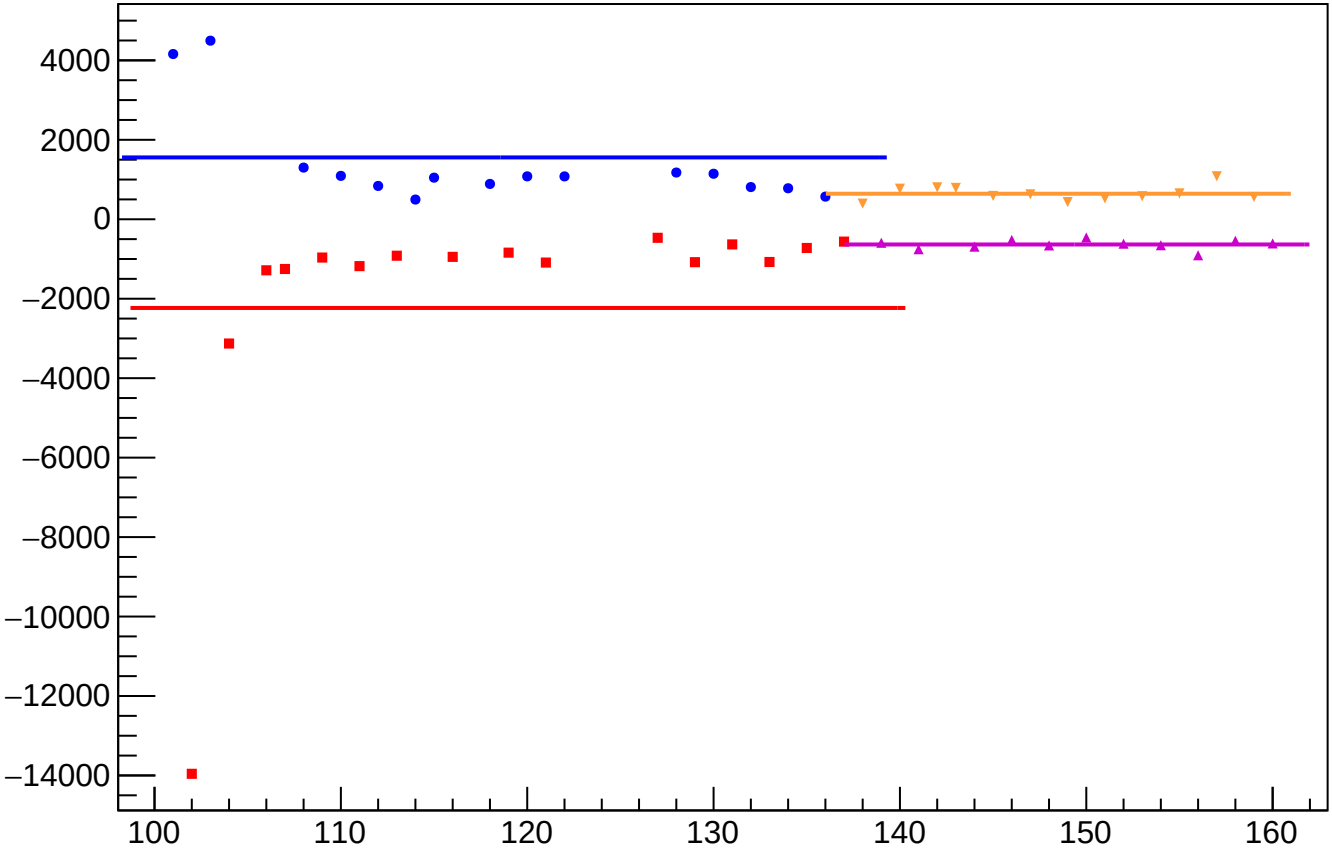
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr2_coil6_mean vs Slug, Sign Corrected



Left: 40.816+/-0.000 χ^2/NDF: 6046809289017192
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5592.357+/-0.000 χ^2/NDF:150250799859091565006793475308868180377 6.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205 4
Right Out: 4170.773+/-0.000 χ^2/NDF: 309672488321879120411139095594811030241 28.0/15
Out: -1473.440+/-0.000 χ^2/NDF:69224914404037
Left In: 5613.024+/-0.000 χ^2/NDF:127221065993626195724813317350317096960 0.0/10
All: -34.210+/-0.000 χ^2/NDF: 140776657149

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 0.564+/-0.000 χ^2/NDF: 791773878076069145

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11

In: 269.551+/-0.000 χ^2/NDF:298230730661913 41

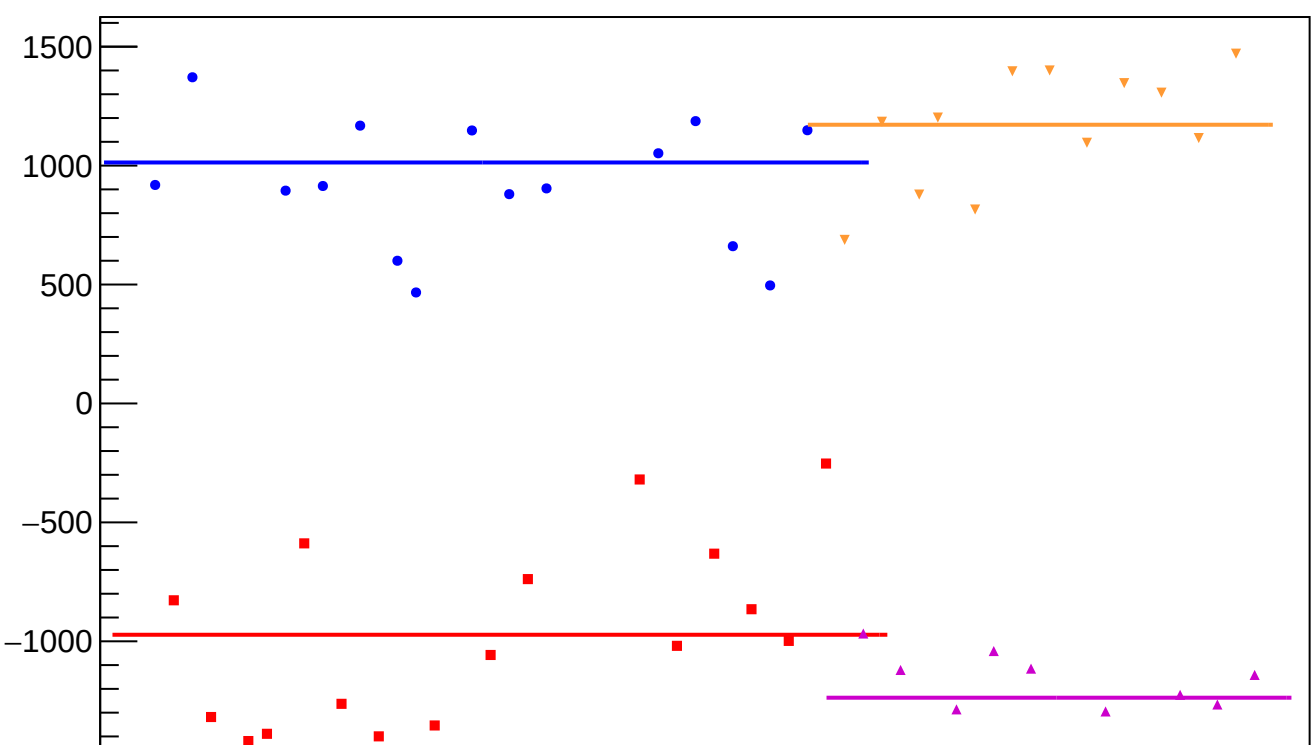
Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -570.347+/-0.000 χ^2/NDF:122079278406858

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

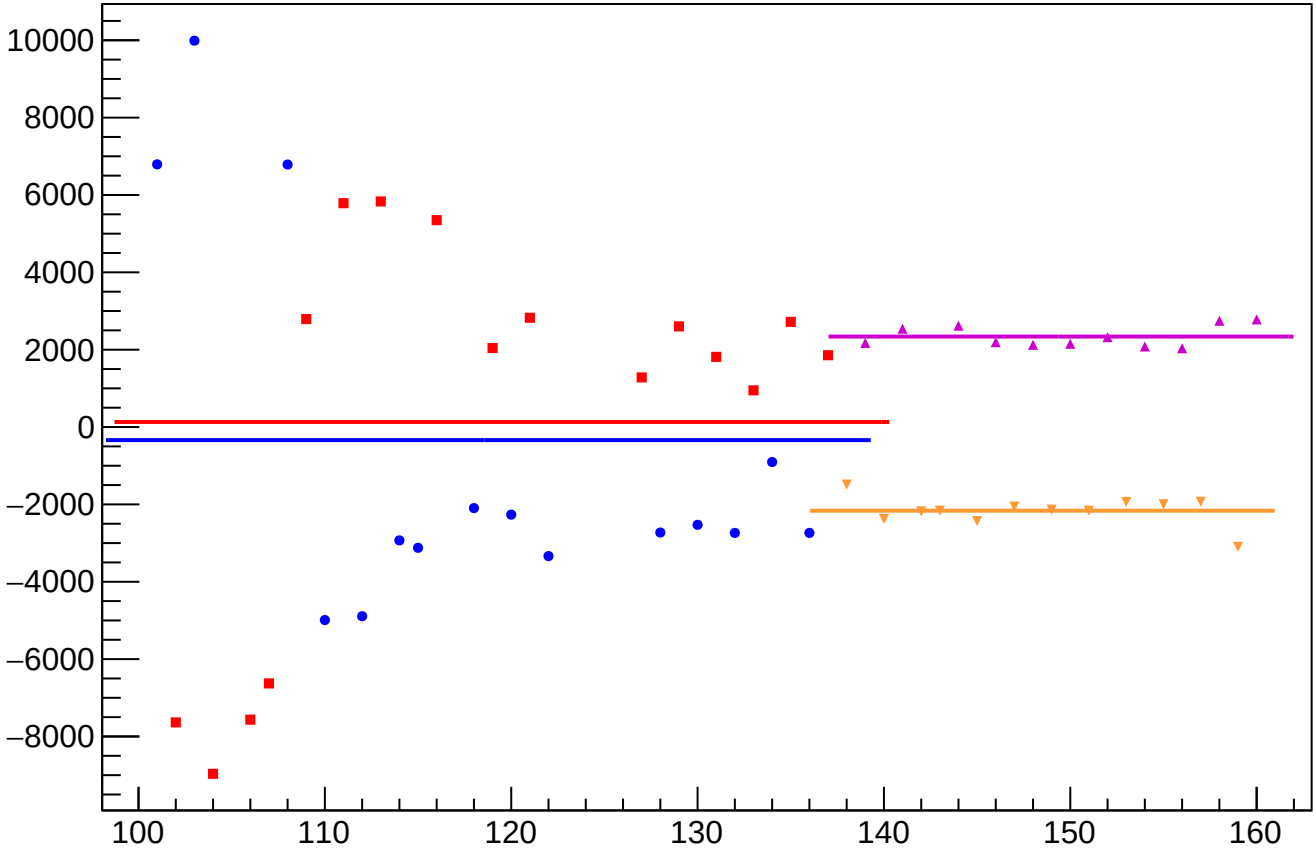
All: -151.463+/-0.000 χ^2/NDF: 15746462164

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 100.639+/-0.000 χ^2/NDF: 9504114139630339

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

Right: -99.949+/-0.000 χ^2/NDF: 316982138957514

Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11

In: 1234.934+/-0.000 χ^2/NDF:1794842889484232

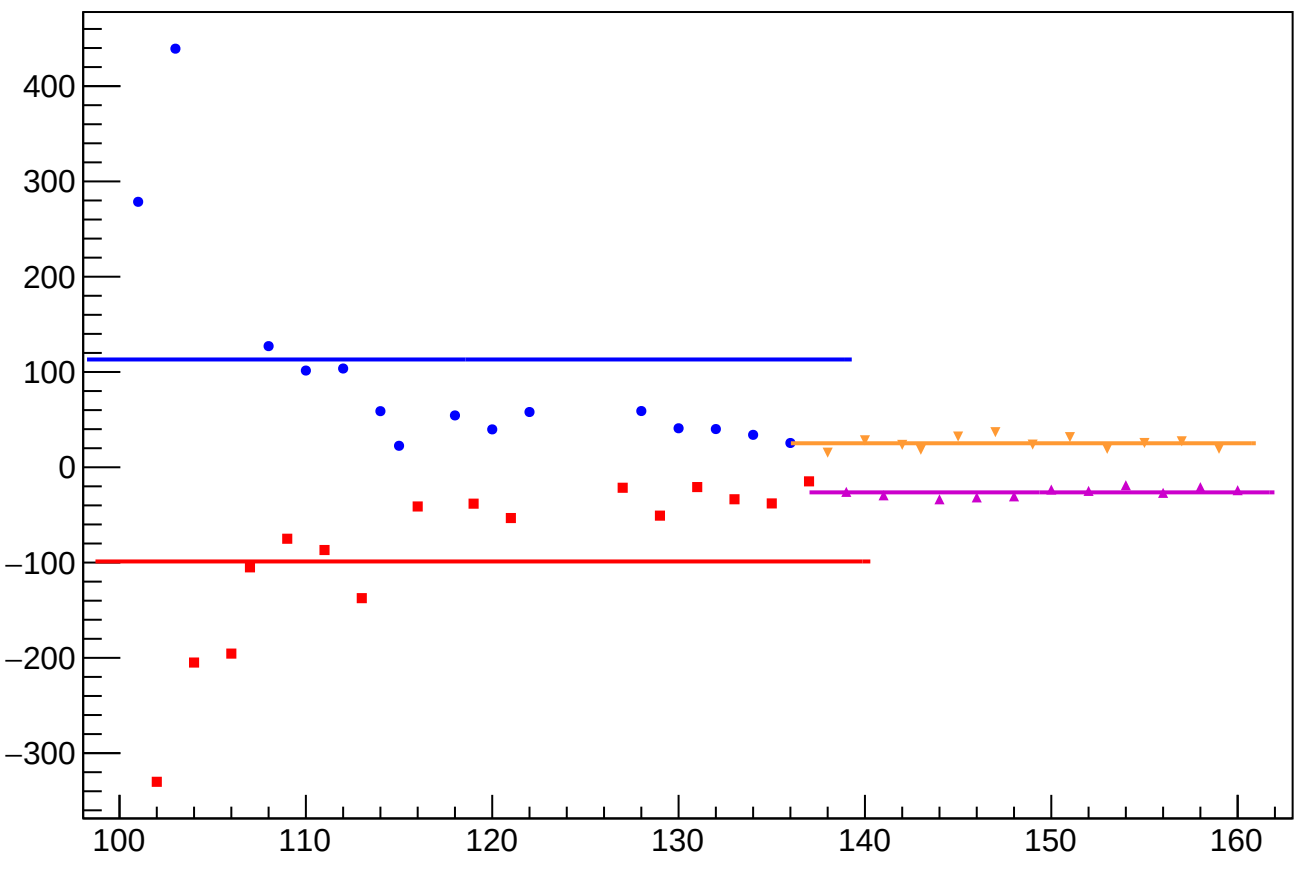
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

Out: -1194.883+/-0.000 χ^2/NDF:18629471707312

Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

All: 16.944+/-0.000 χ^2/NDF: 4123318495094

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -0.703+/-0.000 χ^2/NDF: 12737969644467641

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

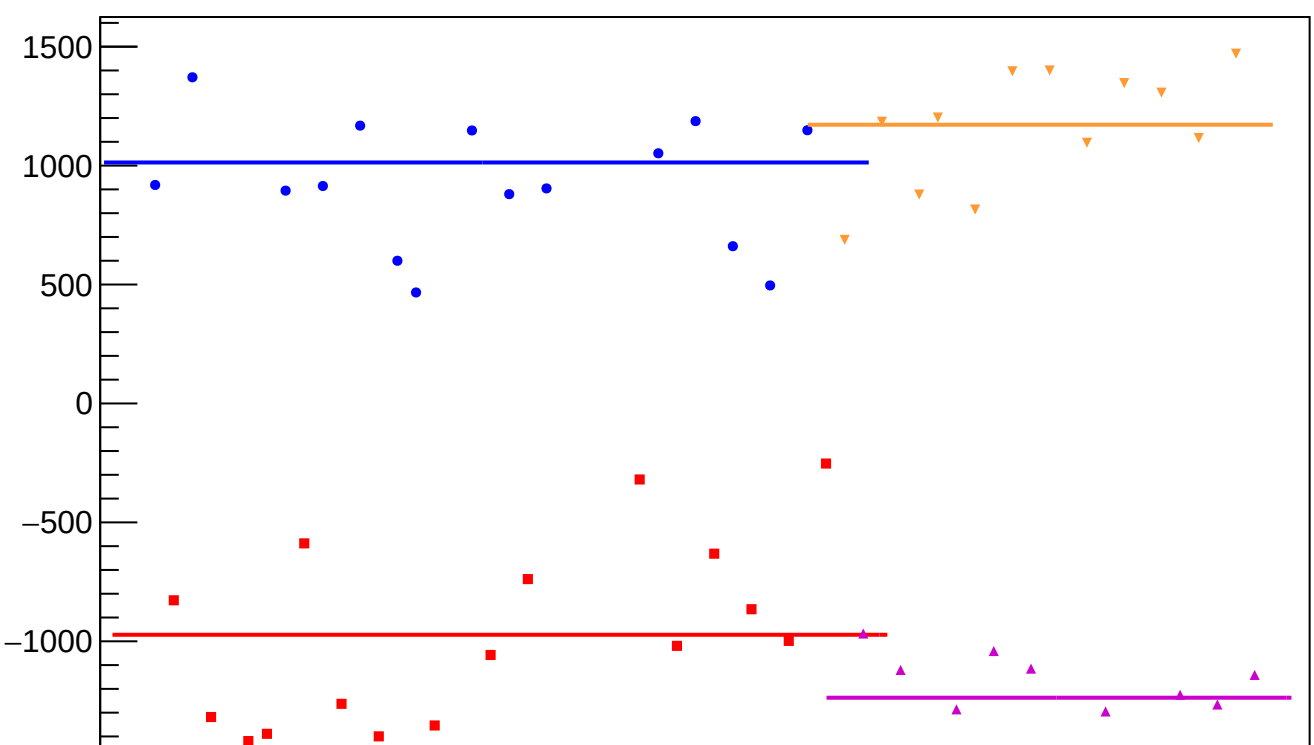
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.125+/-0.000 χ^2/NDF:1147829075591207

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.969+/-0.000 χ^2/NDF: 3158442544452 6

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

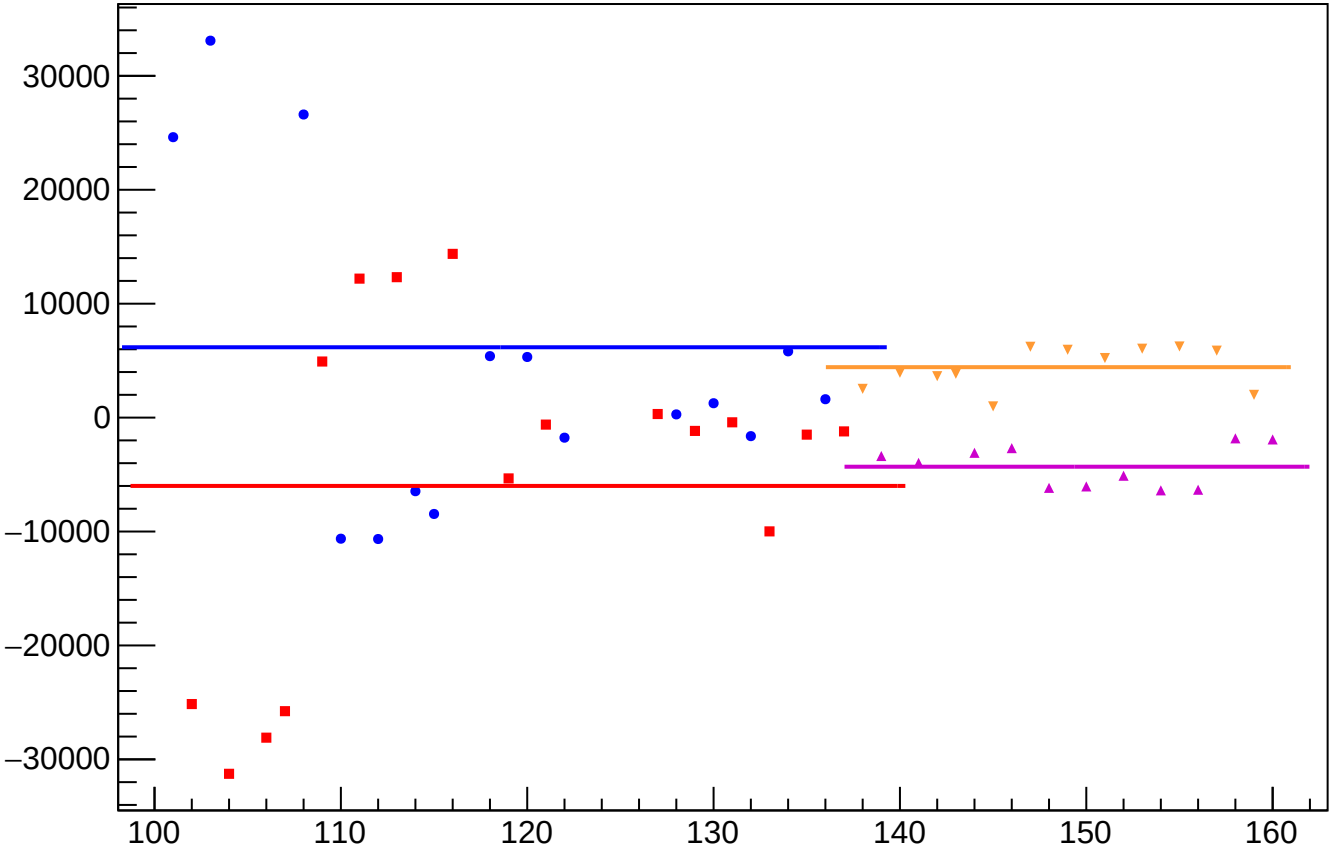
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

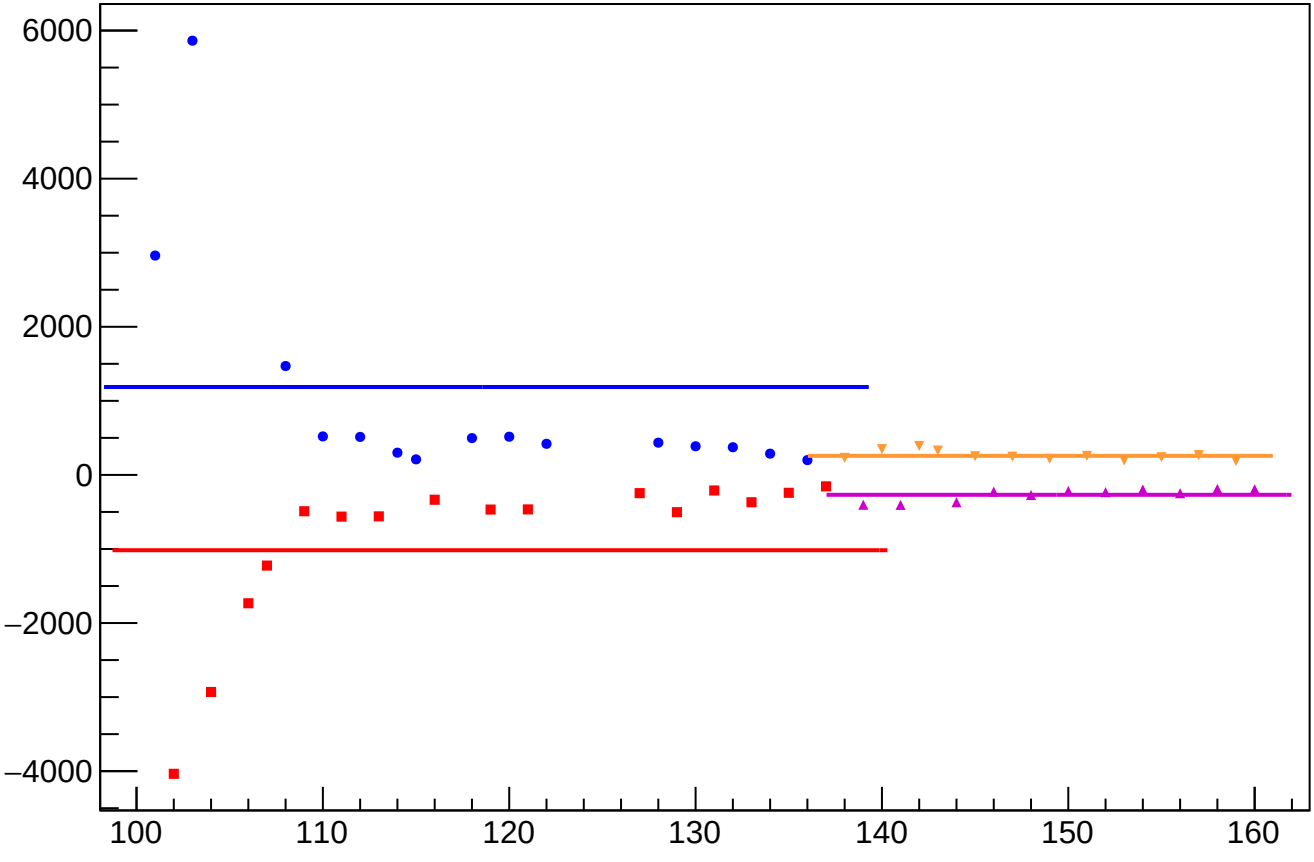
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam2_coil6_mean vs Slug, Sign Corrected



Left: 35.008+/-0.000 χ^2/NDF: 4067554181164901
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 30.024+/-0.000 χ^2/NDF:1818640147944198
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.962+/-0.000 χ^2/NDF: 3437312552543

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -7.049+/-0.000 χ^2/NDF: 1356437374052163 2

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683

Left Out: 257.255+/-0.000 χ^2/NDF:2781253601465669157863687249484316672.0/11

In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5

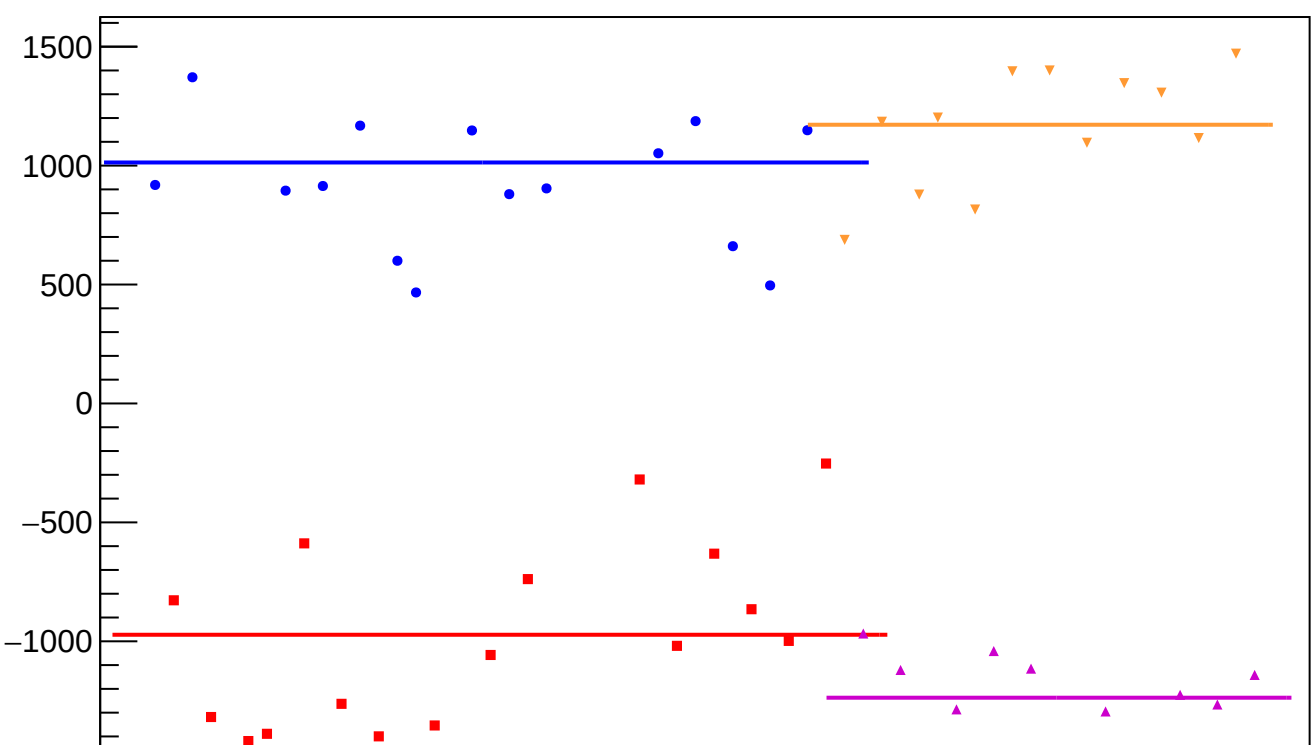
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

Out: -280.221+/-0.000 χ^2/NDF:155627640866420

Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10

All: 25.094+/-0.000 χ^2/NDF: 4461548431254

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

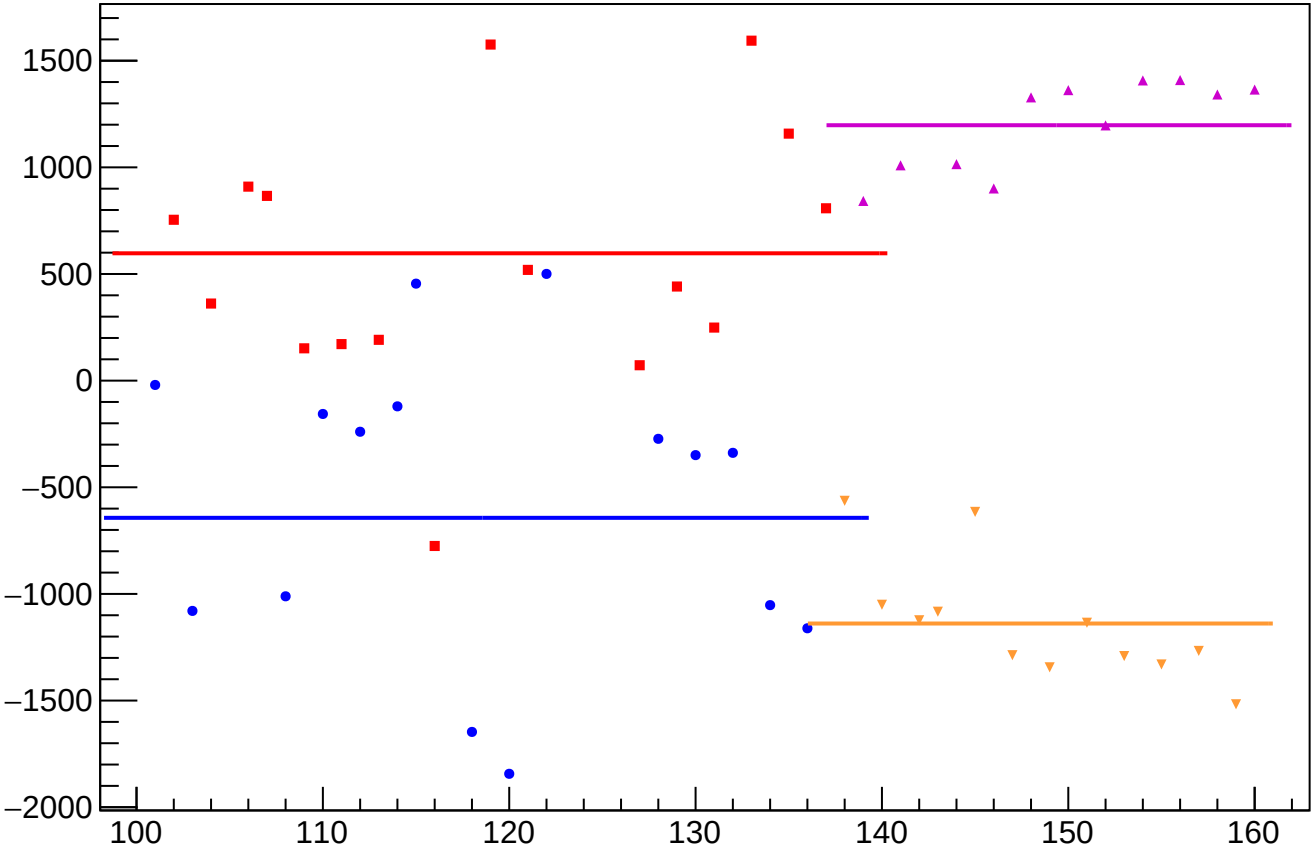
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

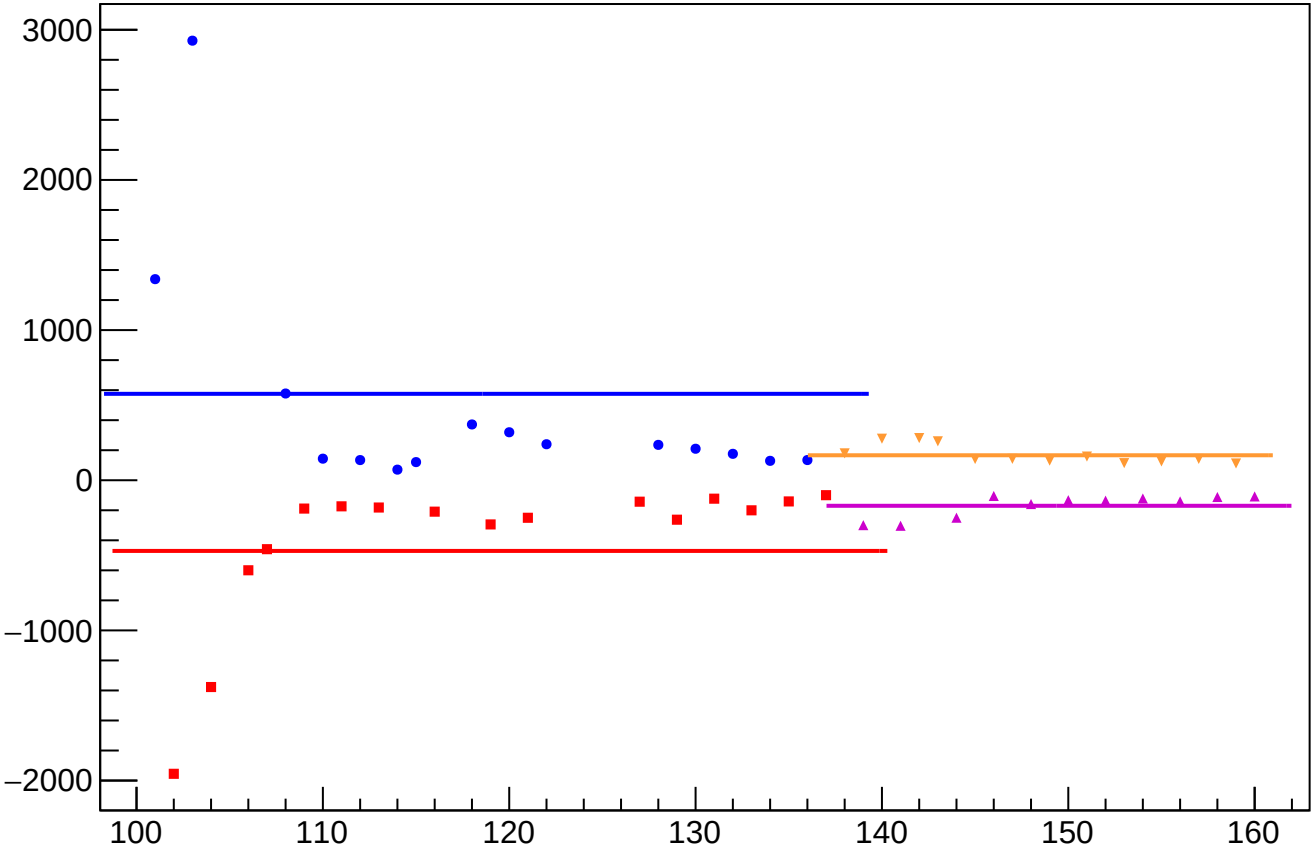
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam3_coil6_mean vs Slug, Sign Corrected



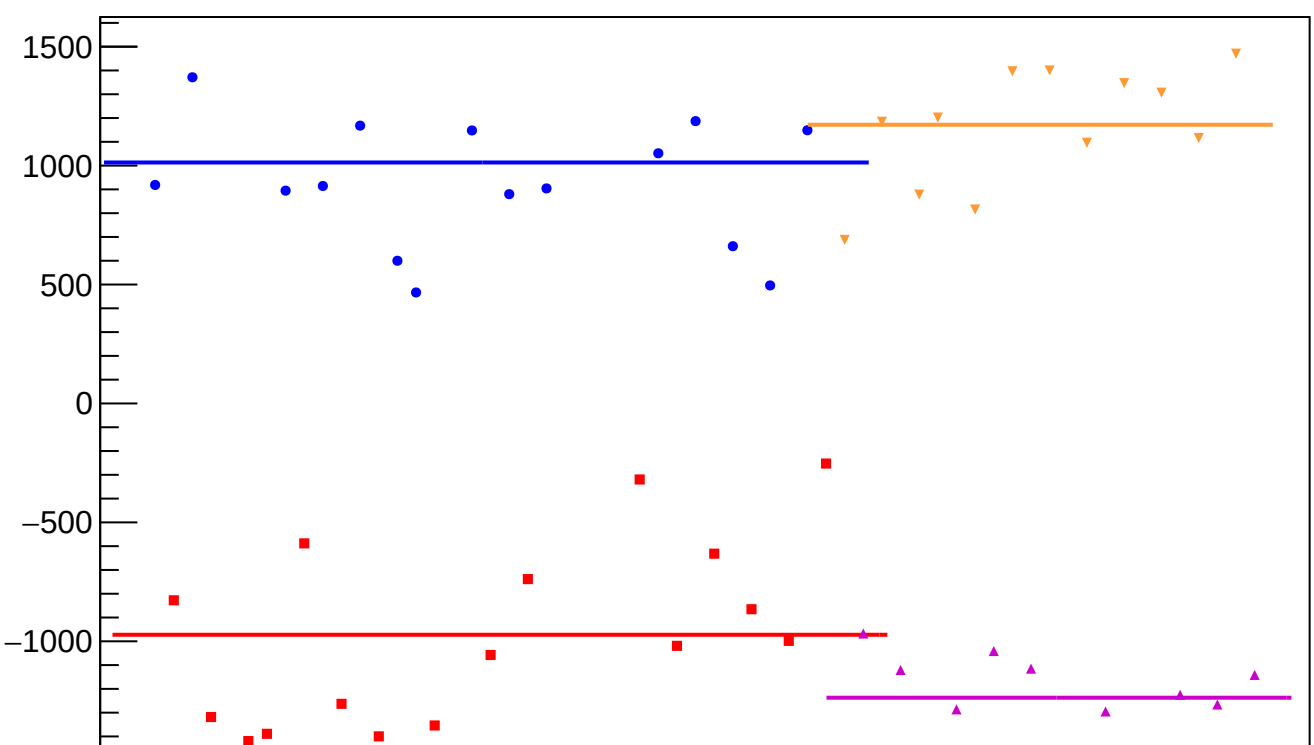
Left: 35.728+/-0.000 χ^2/NDF: 2617562196994142
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -1138.759+/-0.000 χ^2/NDF:7100618595342425427059079171817026355 2.0/11
In: 438.045+/-0.000 χ^2/NDF:160305698716382 82
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
Out: -406.450+/-0.000 χ^2/NDF:144356337261443
Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10
All: 14.726+/-0.000 χ^2/NDF: 360895317018 8

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -2.777+/-0.000 χ^2/NDF: 59914587397512786
Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14
Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510
Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11
In: 137.546+/-0.000 χ^2/NDF:6494694160664590
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15
Out: -102.413+/-0.000 χ^2/NDF:368866079354582
Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10
All: 17.262+/-0.000 χ^2/NDF: 1063737364413

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

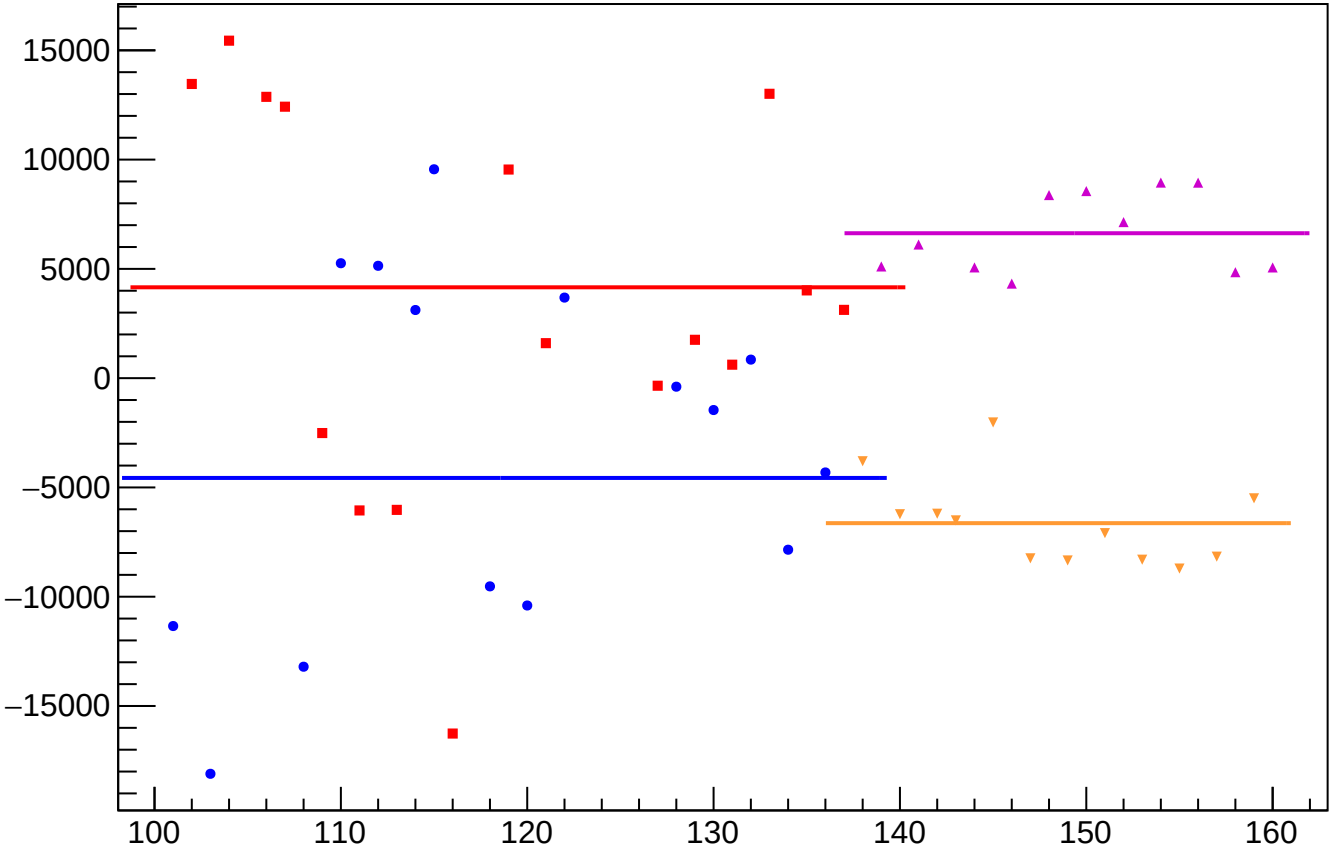
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

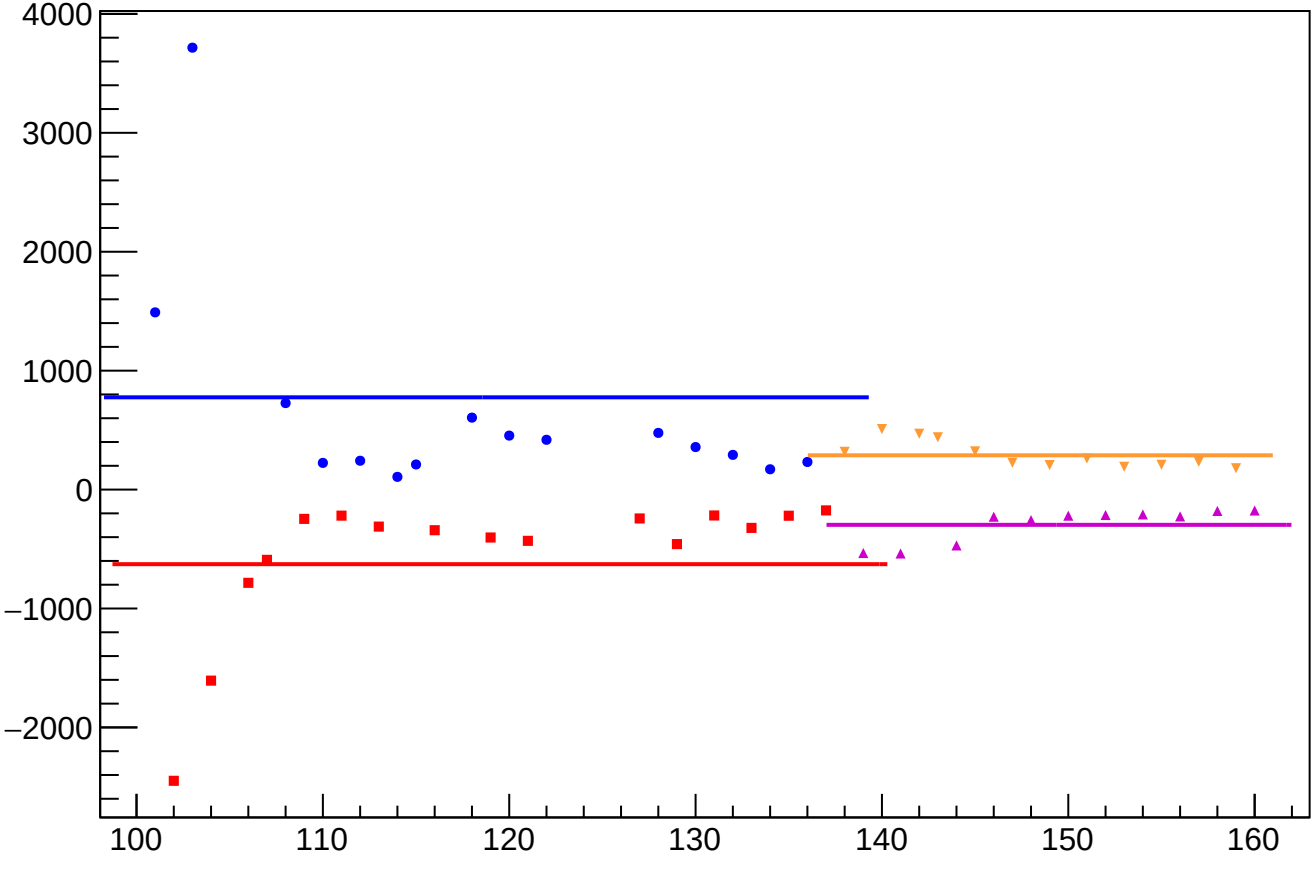
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 34.548+/-0.000 χ^2/NDF: 8733279042780031
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6634.457+/-0.000 χ^2/NDF:364015088040329978433954375699564540723 2.0/11
In: 2011.723+/-0.000 χ^2/NDF:862930841856365
Right Out: 4156.859+/-0.000 χ^2/NDF: 455394554416599271577084430999306821959 68.0/15
Out: -2081.764+/-0.000 χ^2/NDF:94084012188749
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.212+/-0.000 χ^2/NDF: 19358961743

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -5.735+/-0.000 χ^2/NDF: 18477712648236645

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872252254 72.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

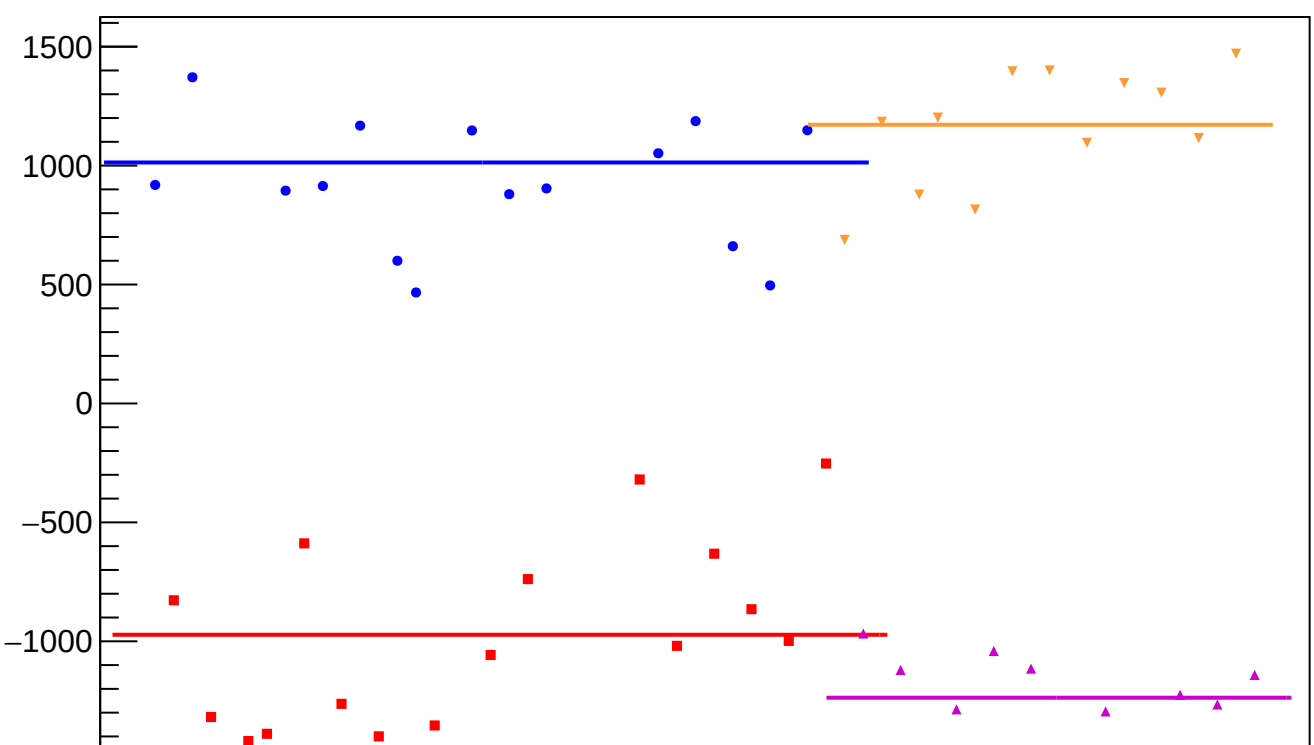
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -98.027+/-0.000 χ^2/NDF:6313426381503725

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.637+/-0.000 χ^2/NDF: 177556541085

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

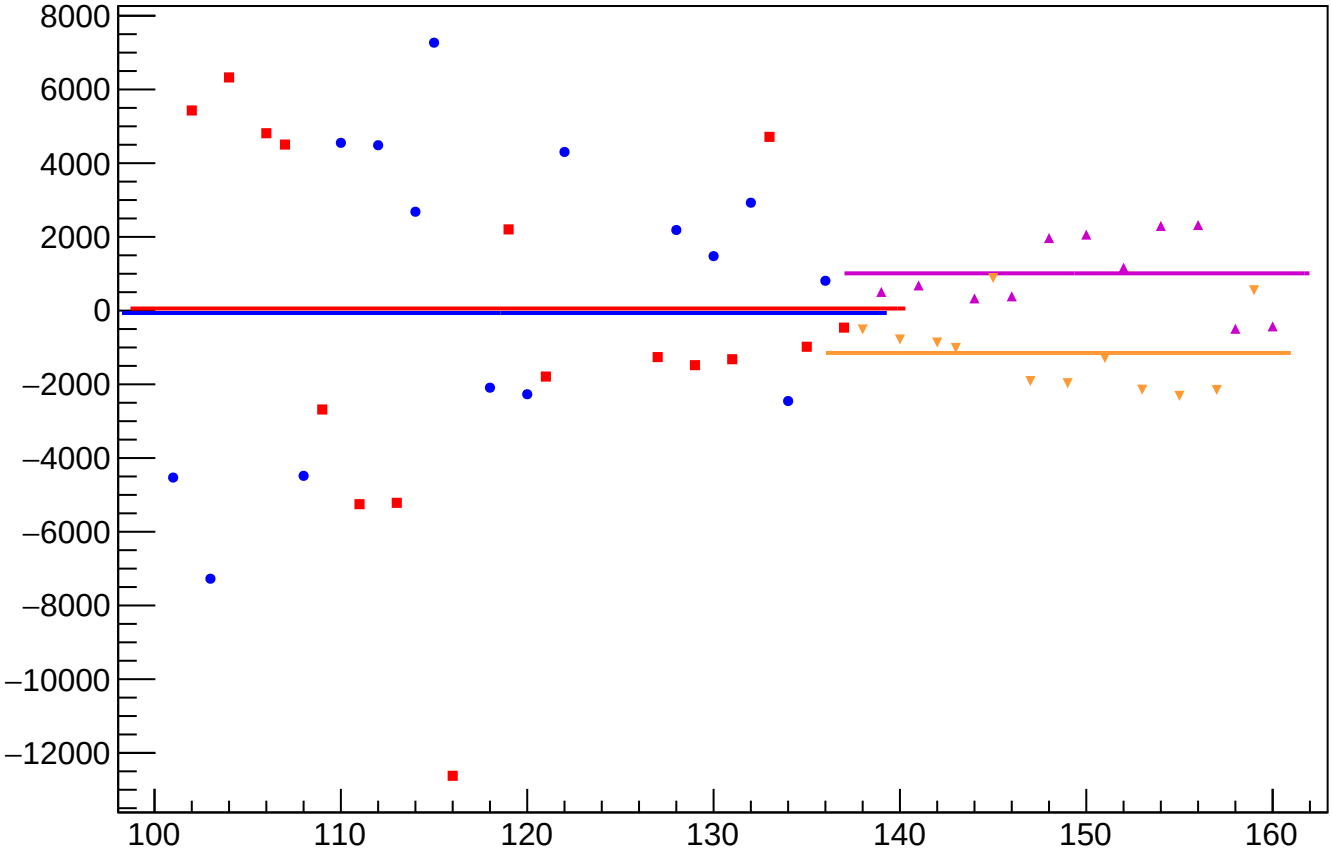
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

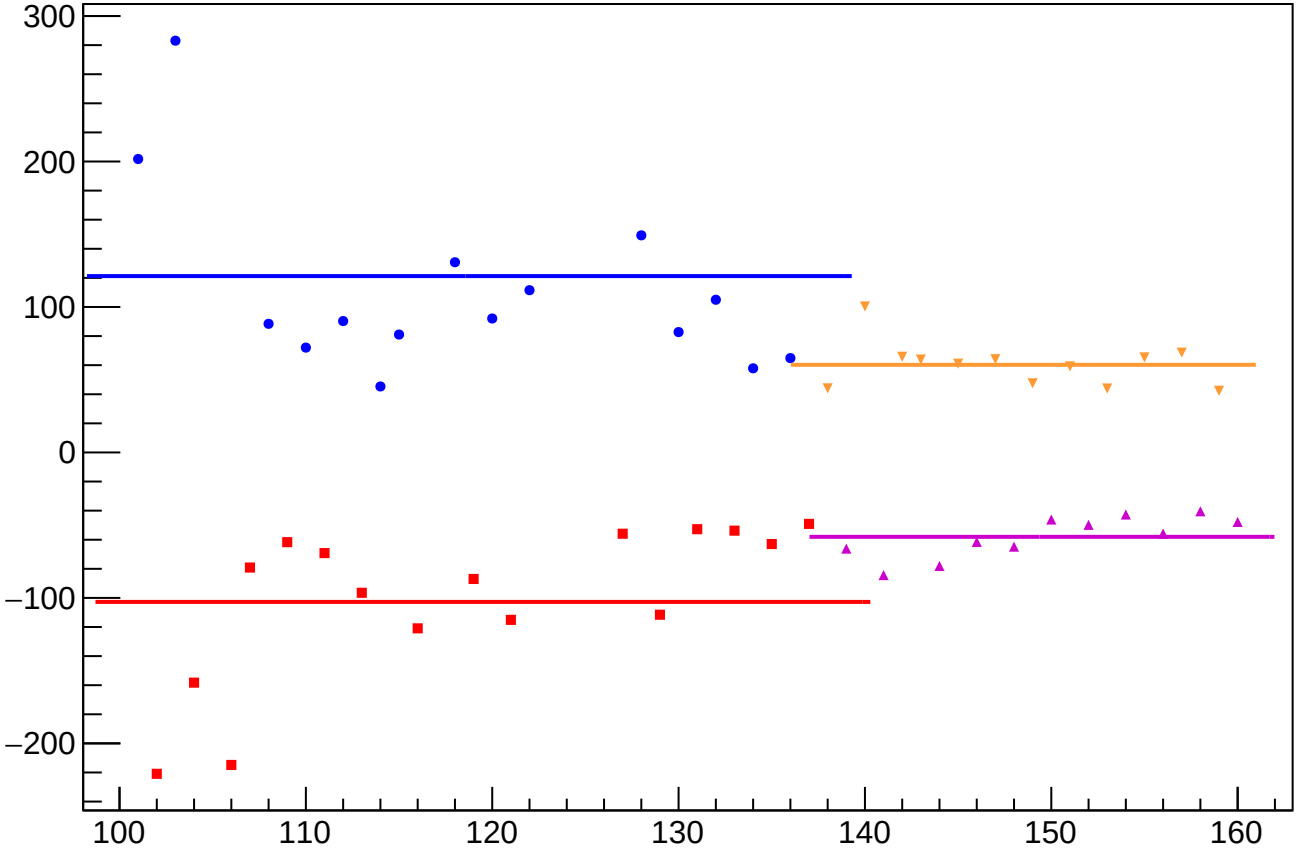
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam5_coil6_mean vs Slug, Sign Corrected



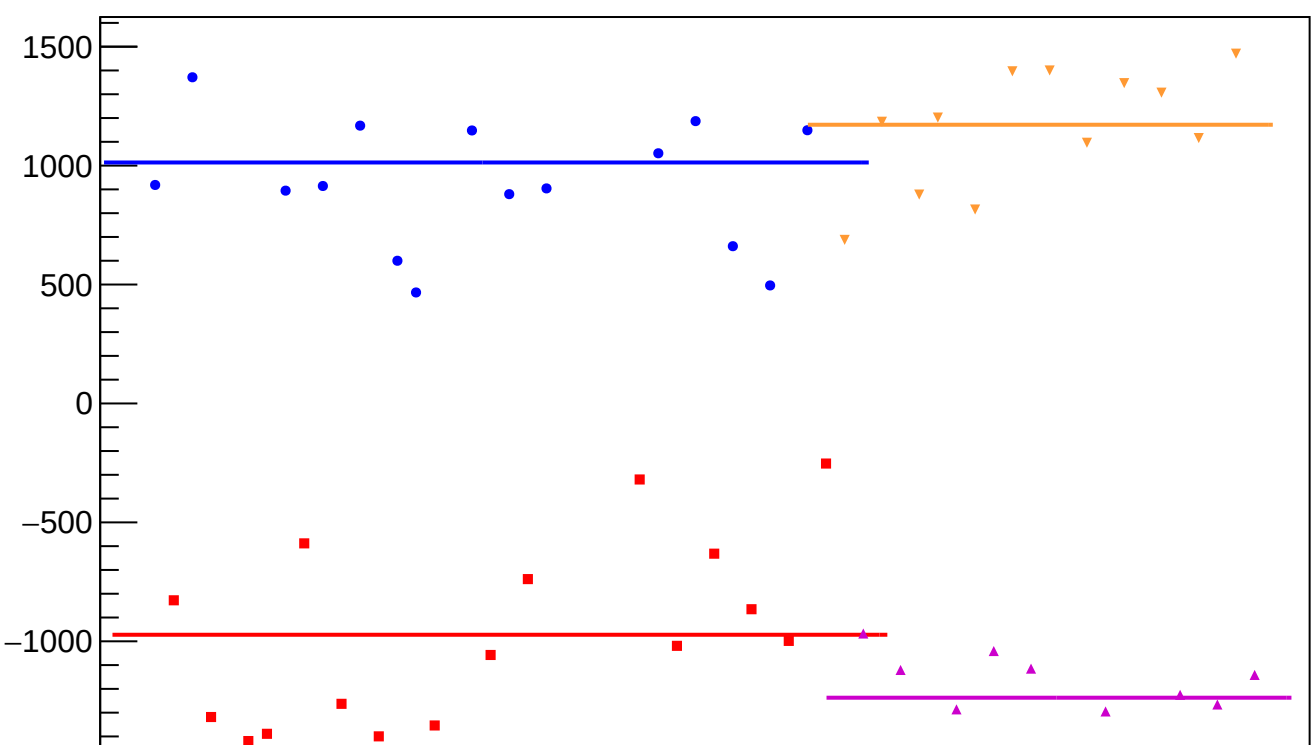
Left: -62.999+/-0.000 χ^2/NDF: 4025709858577995
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
In: 567.326+/-0.000 χ^2/NDF:1095954142307667
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15
Out: -640.131+/-0.000 χ^2/NDF:153194243932265
Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10
All: -37.934+/-0.000 χ^2/NDF: 274285540726

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



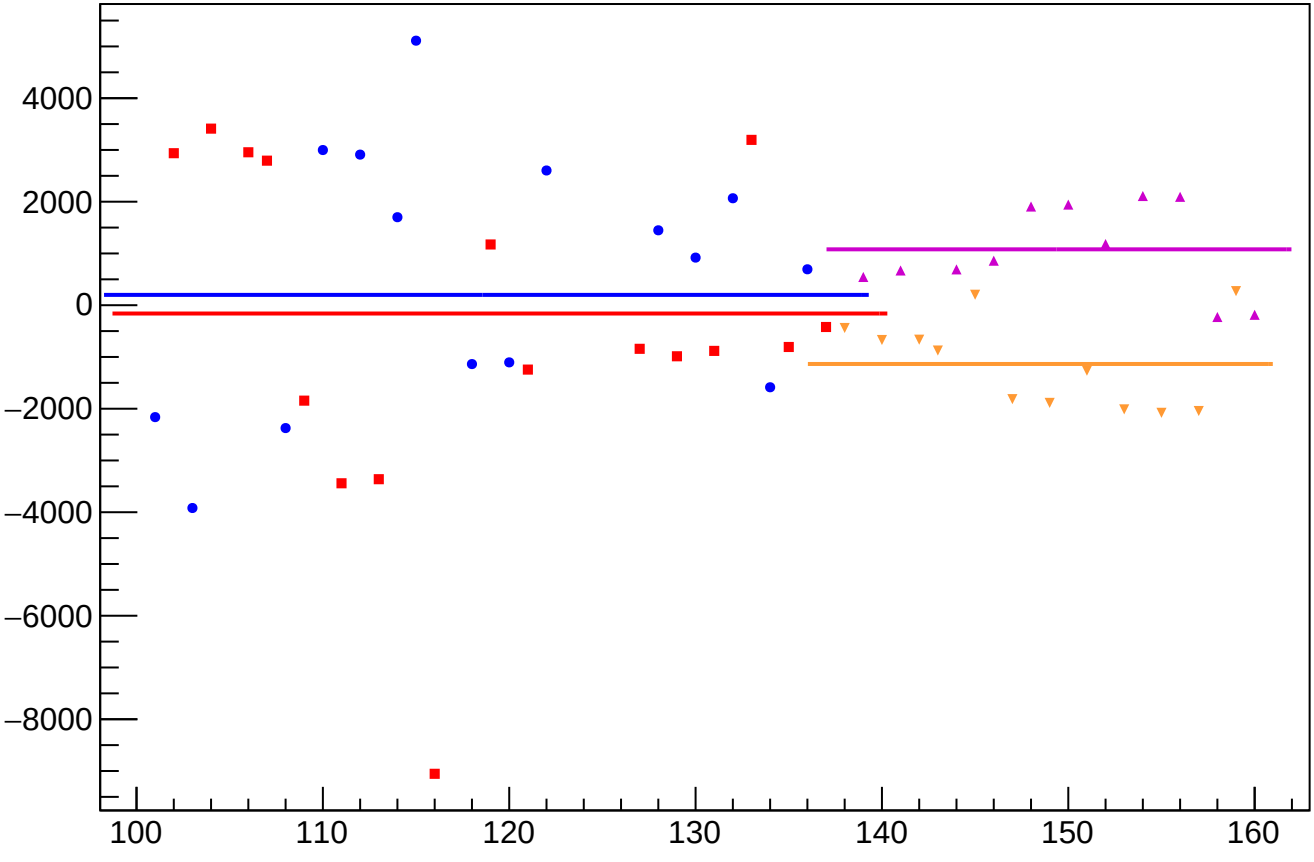
Left: 0.793+/-0.000 χ^2/NDF: 68275380749844430
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.239+/-0.000 χ^2/NDF:225102554491032869548797845500329984.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.523+/-0.000 χ^2/NDF:12436372618875294
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.678+/-0.000 χ^2/NDF: 28056421642135

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -21.924+/-0.000 χ^2/NDF: 3523794568652633

Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -1135.455+/-0.000 χ^2/NDF:6546975925965793491330100581789251665 92.0/11

In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8

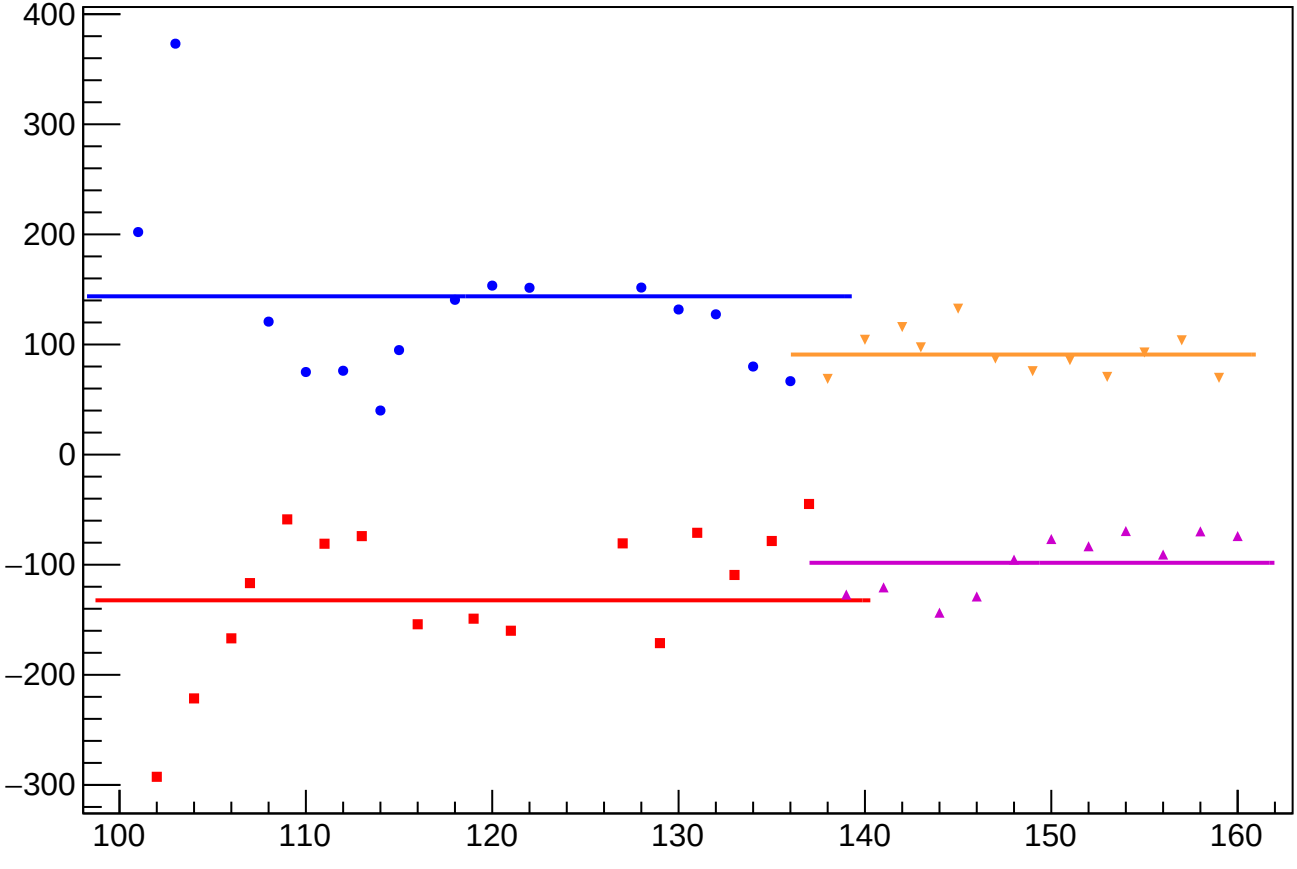
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -724.141+/-0.000 χ^2/NDF:6701794637577 53

Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10

All: -5.669+/-0.000 χ^2/NDF: 1251632905272

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -4.202+/-0.000 χ^2/NDF: 17384612750229045

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

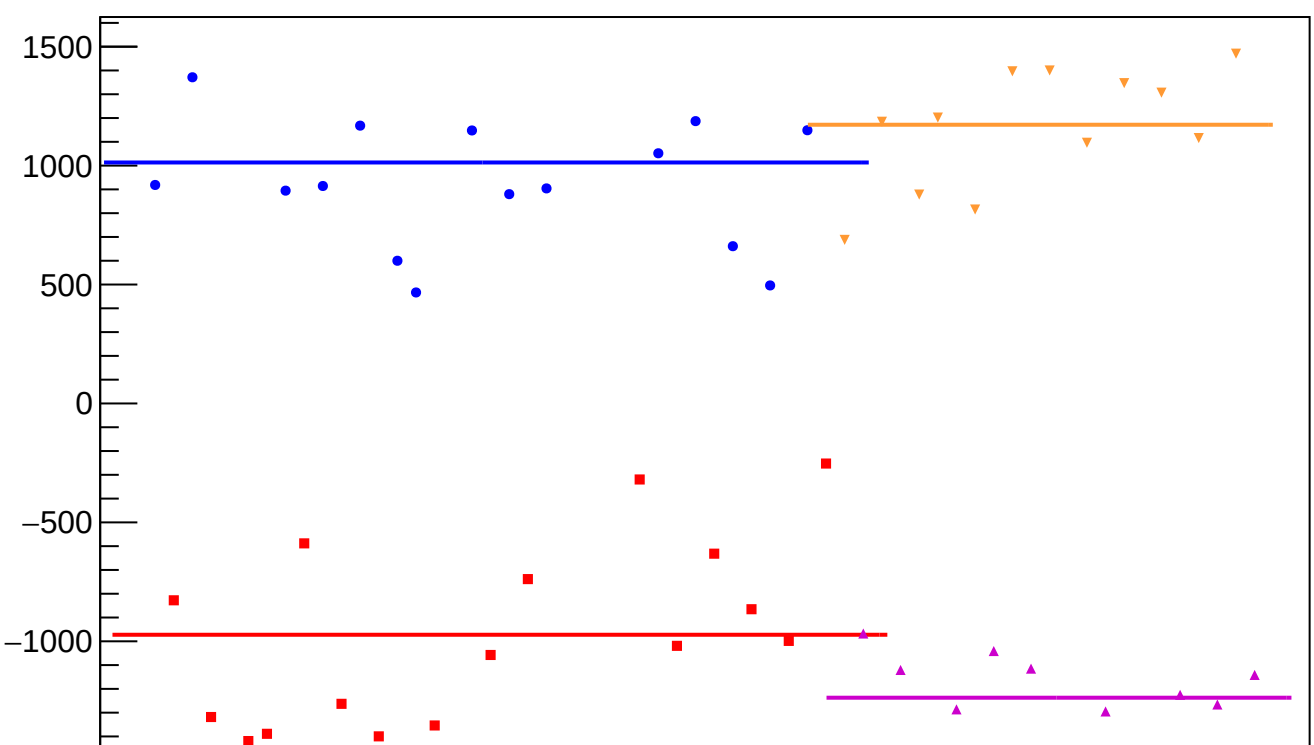
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.293+/-0.000 χ^2/NDF:22714212497857002

Left In: -98.257+/-0.000 χ^2/NDF:62099377677309339303336942847079 2192.0/10

All: -0.854+/-0.000 χ^2/NDF: 5019902274084

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

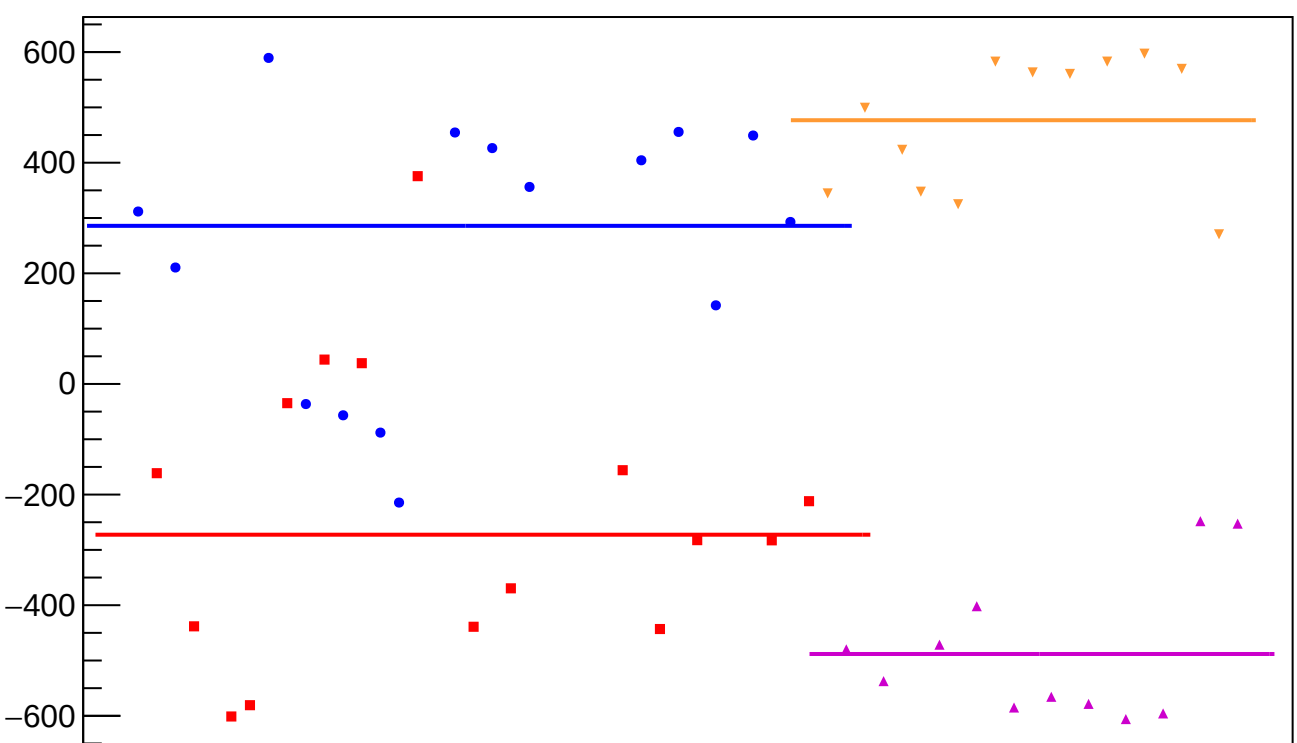
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

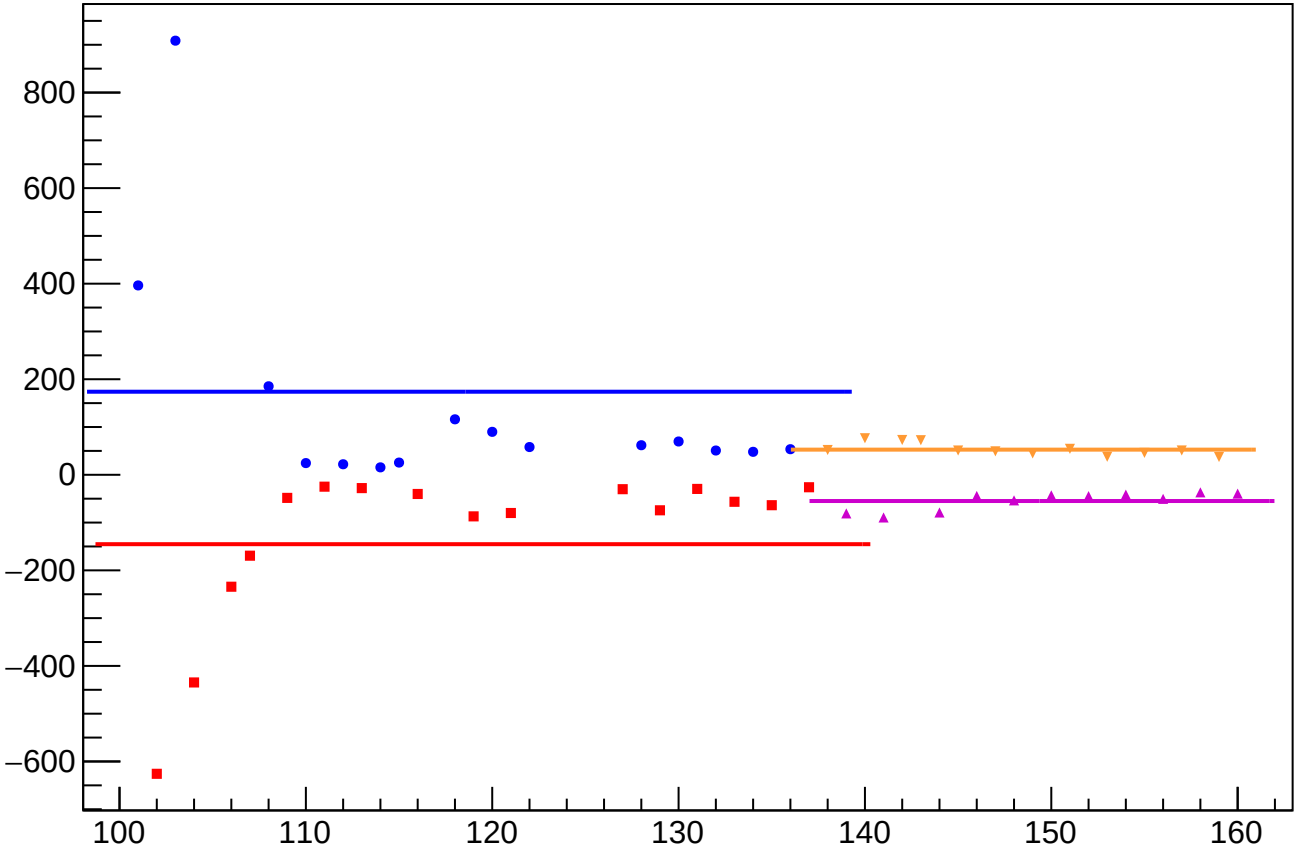
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: -8.329+/-0.000 χ^2/NDF: 4544089185144213
Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
Right: 2.840+/-0.000 χ^2/NDF: 1708227674194589 5
Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11
In: -168.836+/-0.000 χ^2/NDF:2663585226046871
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15
Out: 160.663+/-0.000 χ^2/NDF:2733623549167339
Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10
All: -3.669+/-0.000 χ^2/NDF: 6253273590333

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -1.410+/-0.000 χ^2/NDF: 57550913372035412

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.656+/-0.000 χ^2/NDF:14015942338588797669206616754146508 8.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

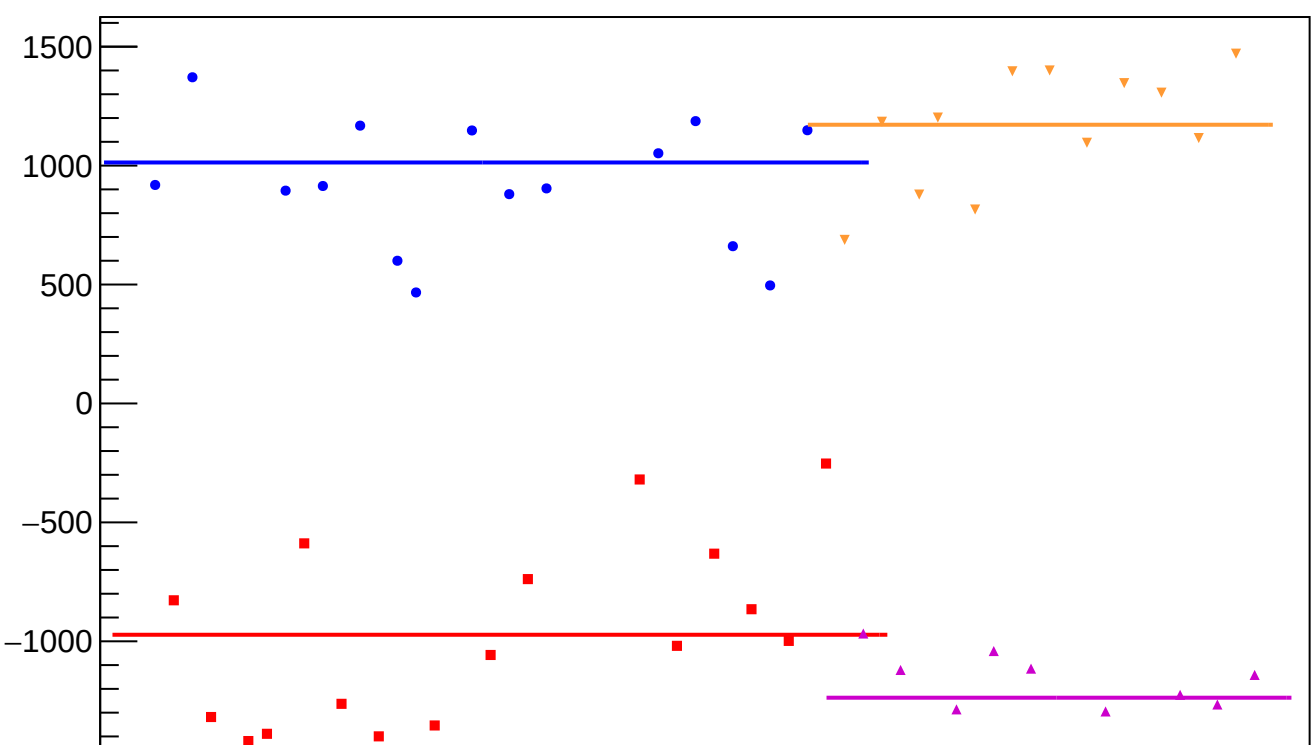
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.828+/-0.000 χ^2/NDF:3776923807481634

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.243+/-0.000 χ^2/NDF: 1036248534255 5

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

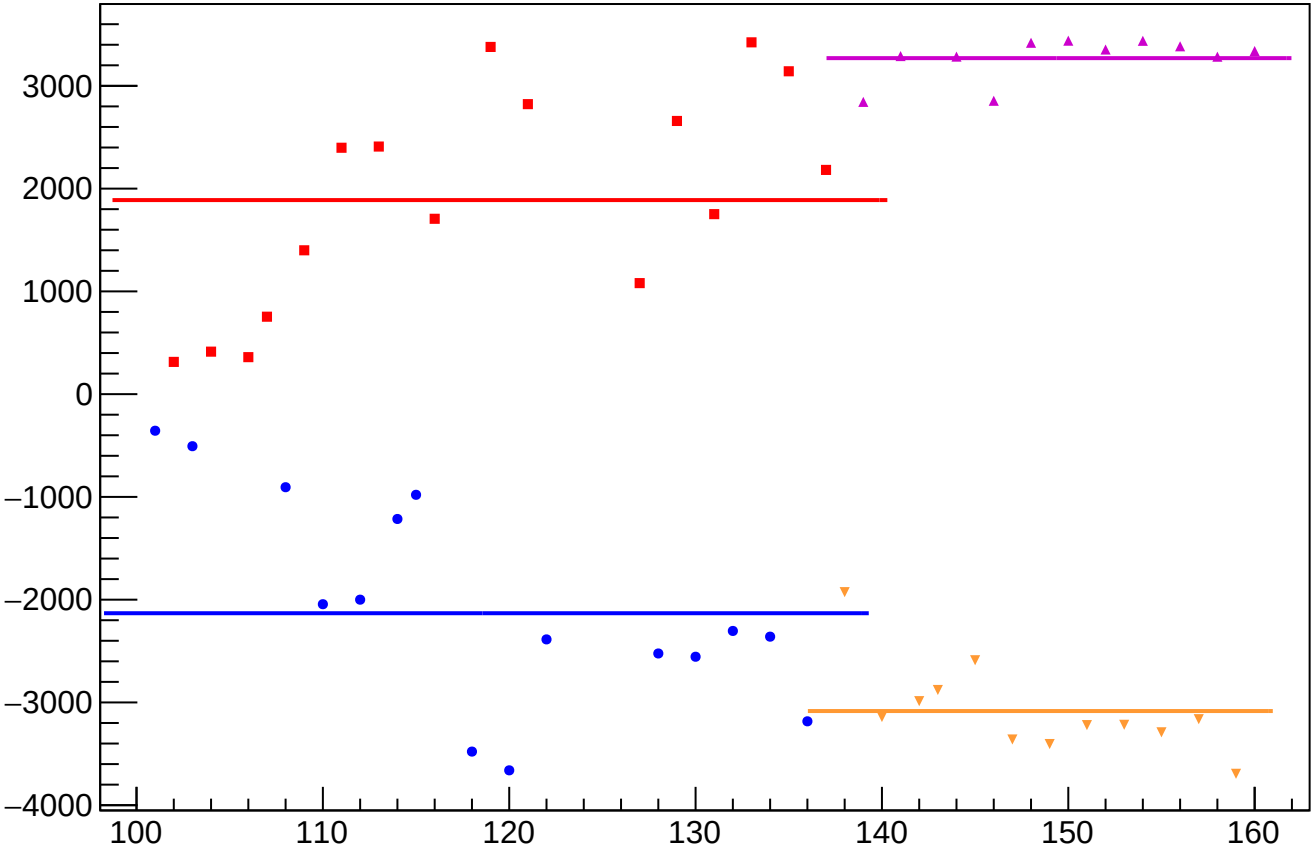
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

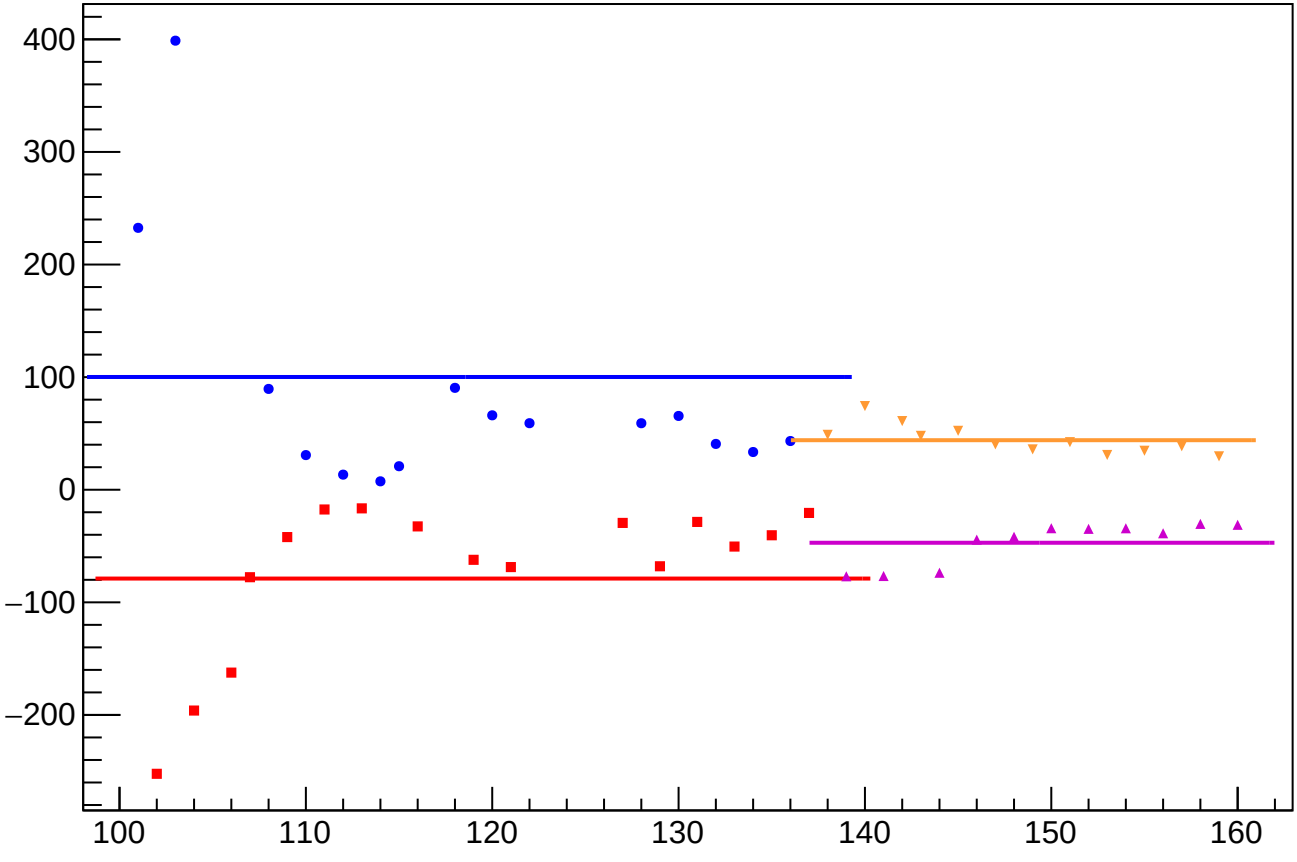
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 110.297+/-0.000 χ^2/NDF: 1876439765485971
Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
Right: -94.234+/-0.000 χ^2/NDF: 683113062504059
Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11
In: 1041.098+/-0.000 χ^2/NDF:1188405782367471
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
Out: -986.042+/-0.000 χ^2/NDF:105033900940683
Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10
All: 24.957+/-0.000 χ^2/NDF: 2562760992420

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -1.797+/-0.000 χ^2/NDF: 42588434917302014

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

In: 13.652+/-0.000 χ^2/NDF:16380012936248555

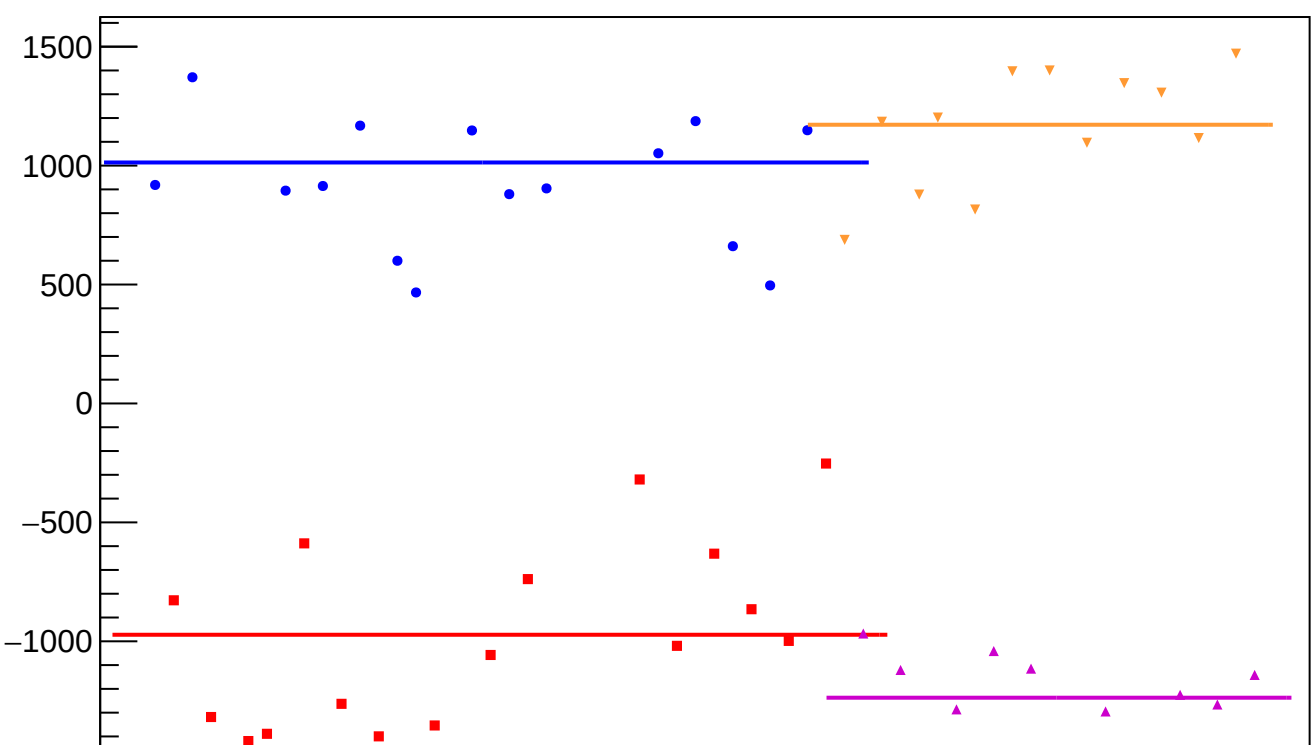
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -7.845+/-0.000 χ^2/NDF:94911269536078839

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

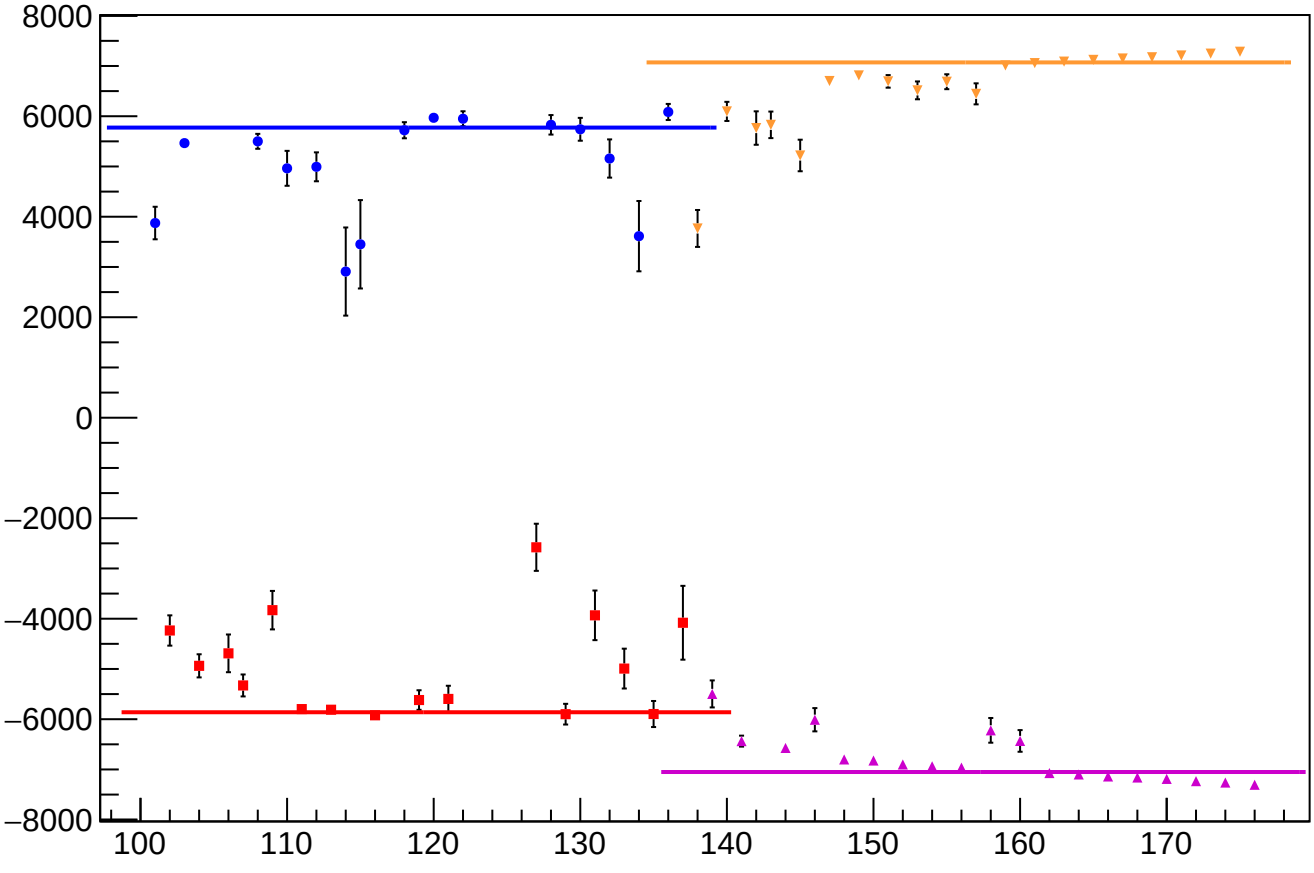
All: 2.876+/-0.000 χ^2/NDF: 2623551568947 9

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7071.193+/-0.142 χ^2/NDF:1110200.8/19

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -7050.782+/-0.113 χ^2/NDF:2125408.1/18

Left: -1555.600+/-0.089 χ^2/NDF: 6053775979.8/38

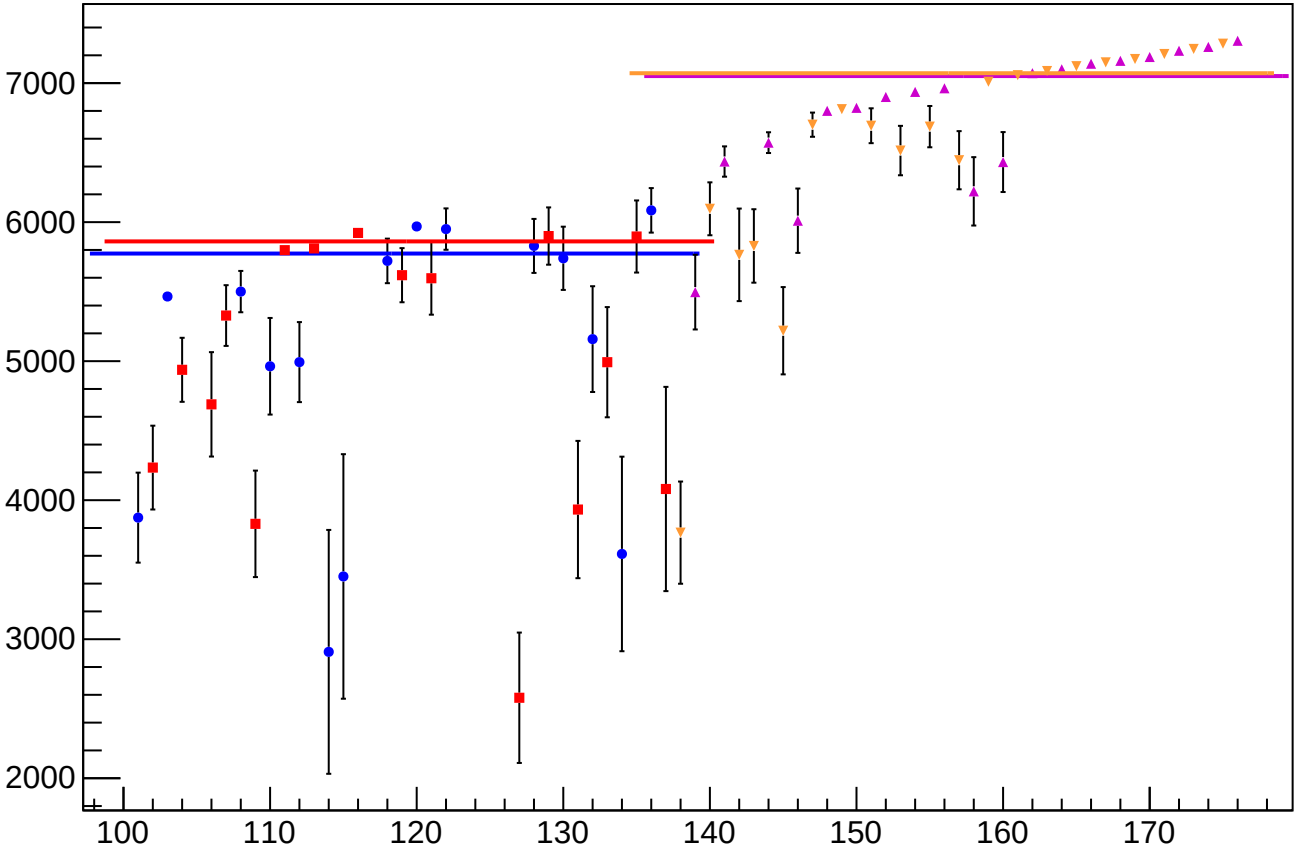
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -3455.542+/-0.096 χ^2/NDF:3598950498.9/33

Out: 498.179+/-0.100 χ^2/NDF:4223128279.7/35

All: -1548.025+/-0.069 χ^2/NDF: 8639148974

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7071.193+/-0.142 χ^2/NDF:1110200.8/19

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7050.782+/-0.113 χ^2/NDF:2125408.1/18

Left: 7058.724+/-0.089 χ^2/NDF: 3248248.2/38

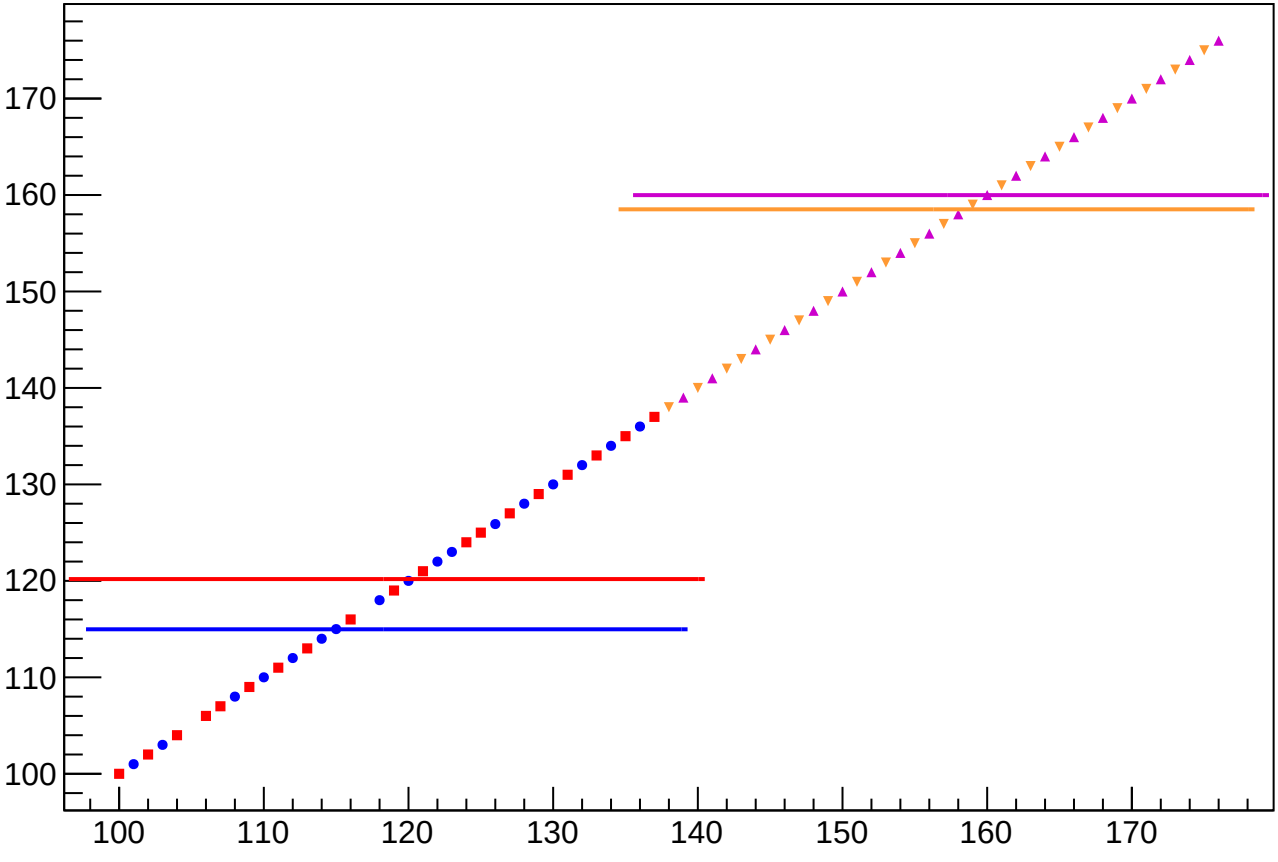
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6692.891+/-0.096 χ^2/NDF:39578108.4/33

Out: 6456.347+/-0.100 χ^2/NDF:38230869.3/35

All: 6578.768+/-0.069 χ^2/NDF: 80733597.3/6

dit_slug_slope vs Slug, Sign Corrected



Left: 159.337+/-0.000 χ^2/NDF: 1975251401014447

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.096+/-0.000 χ^2/NDF: 180832885295768

Left Out: 158.516+/-0.000 χ^2/NDF:811321888907852639489487672442 88.0/19

In: 134.058+/-0.000 χ^2/NDF:1494789126237549 4

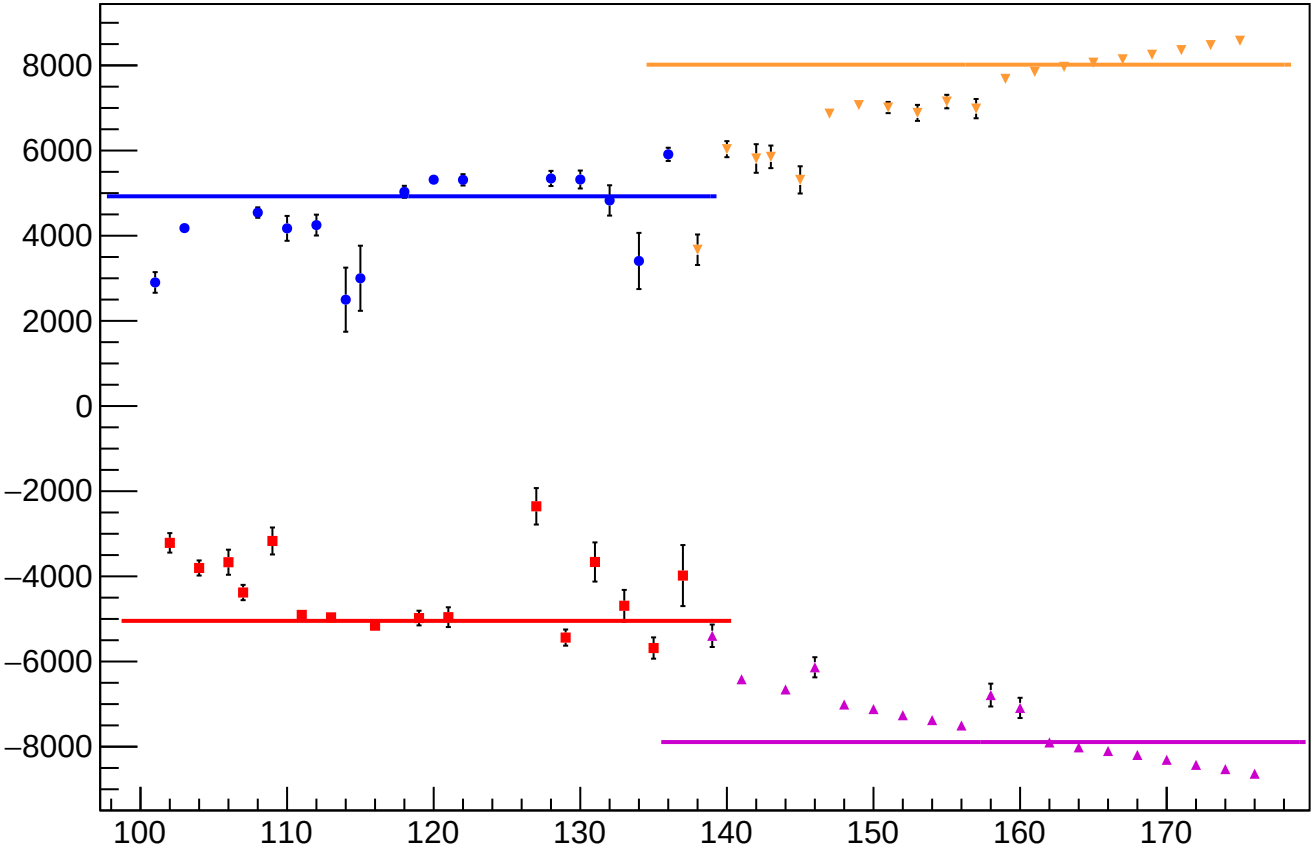
Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Out: 137.844+/-0.000 χ^2/NDF:817066655856823 5

Left In: 159.989+/-0.000 χ^2/NDF:115351111704392736565029073059840.0/18

All: 135.657+/-0.000 χ^2/NDF: 23273631872 5

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8016.556+/-0.524 χ^2/NDF:721960.3/19

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -7891.478+/-0.458 χ^2/NDF:1291840.1/18

Left: -1010.888+/-0.345 χ^2/NDF: 524430768.4/38

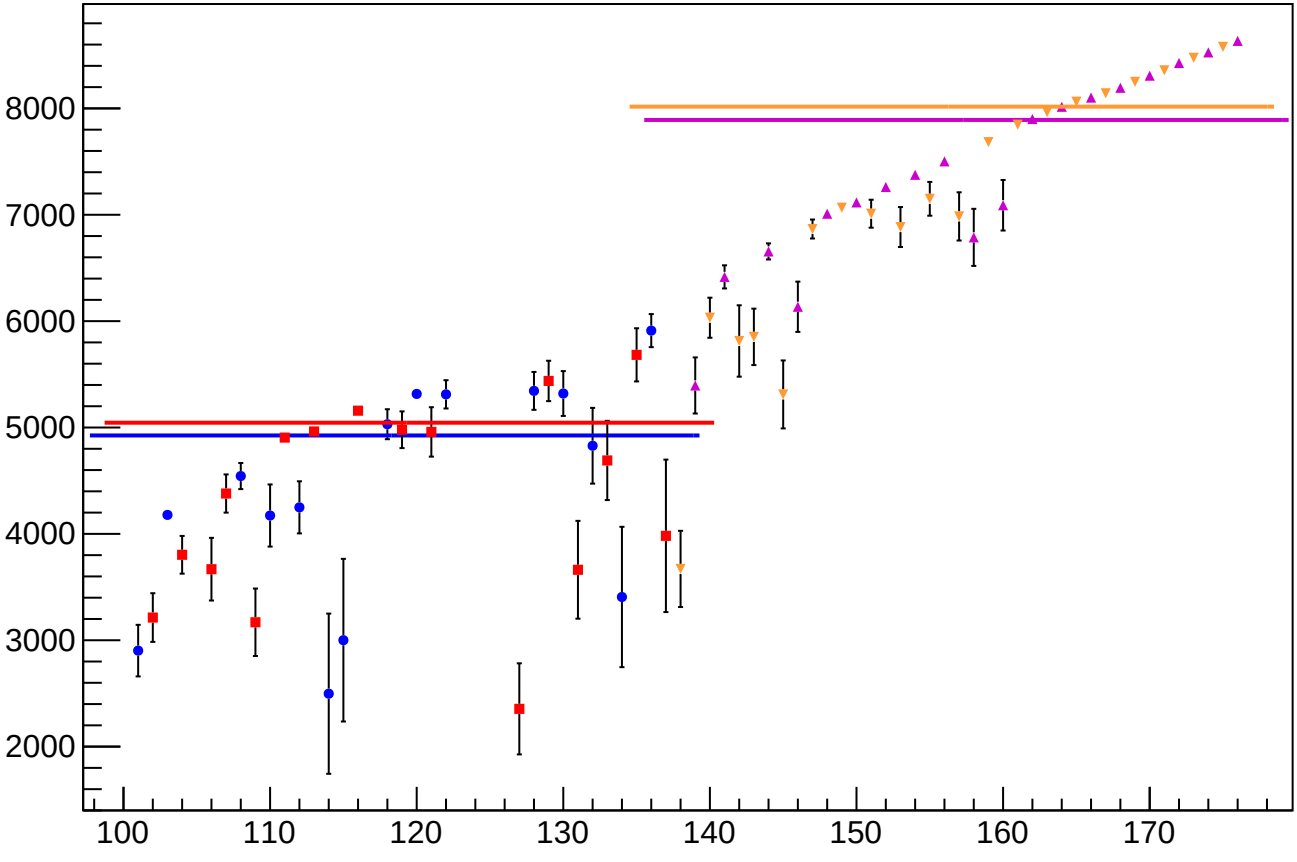
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -5429.362+/-0.411 χ^2/NDF:152235895.1/33

Out: 3035.861+/-0.412 χ^2/NDF:237413950.6/35

All: -1206.736+/-0.291 χ^2/NDF: 600823115.7

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8016.556+/-0.524 χ^2/NDF:721960.3/19

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 7891.478+/-0.458 χ^2/NDF:1291840.1/18

Left: 7945.577+/-0.345 χ^2/NDF: 2046096.4/38

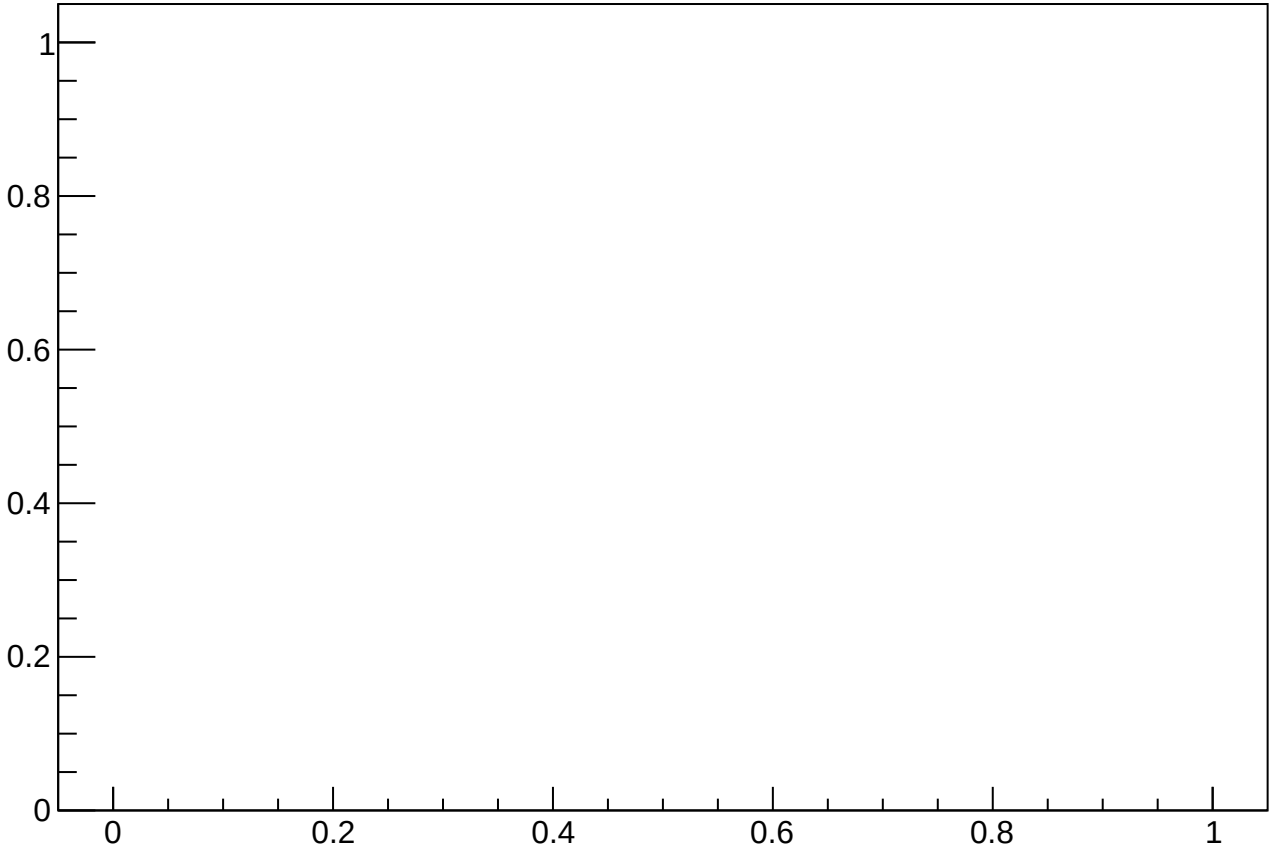
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 7321.673+/-0.411 χ^2/NDF:9689561.6/33

Out: 6883.532+/-0.412 χ^2/NDF:12999059.2/35

All: 7103.119+/-0.291 χ^2/NDF: 23254327.6/6

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

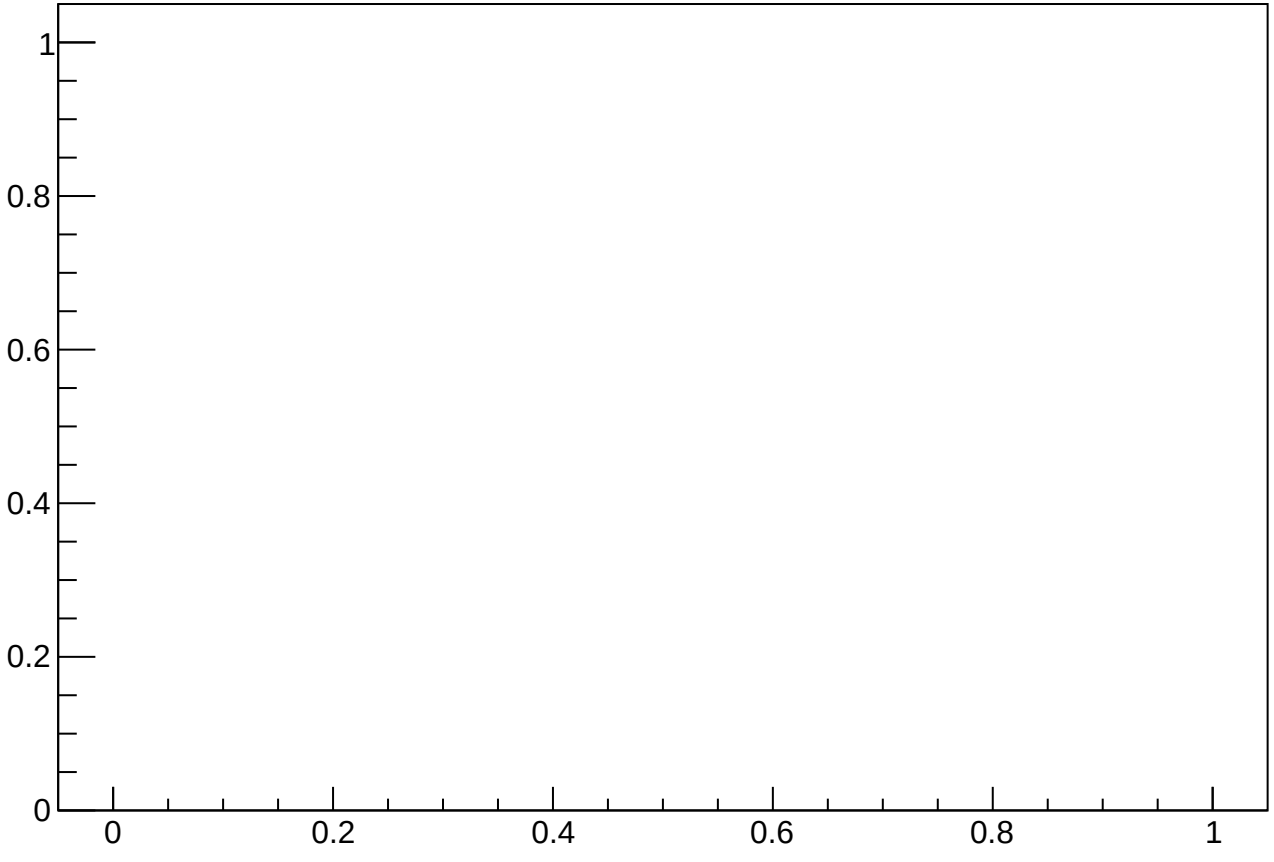
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

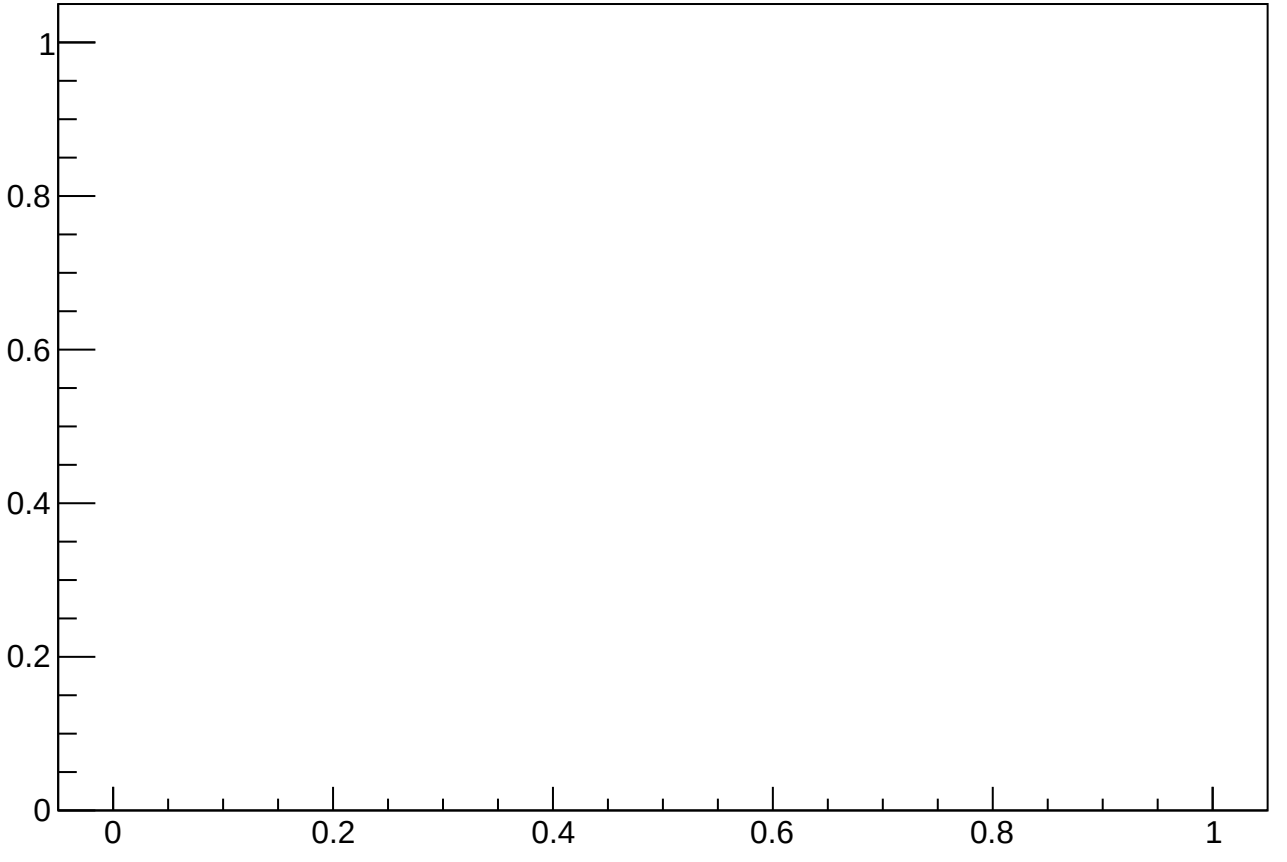
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

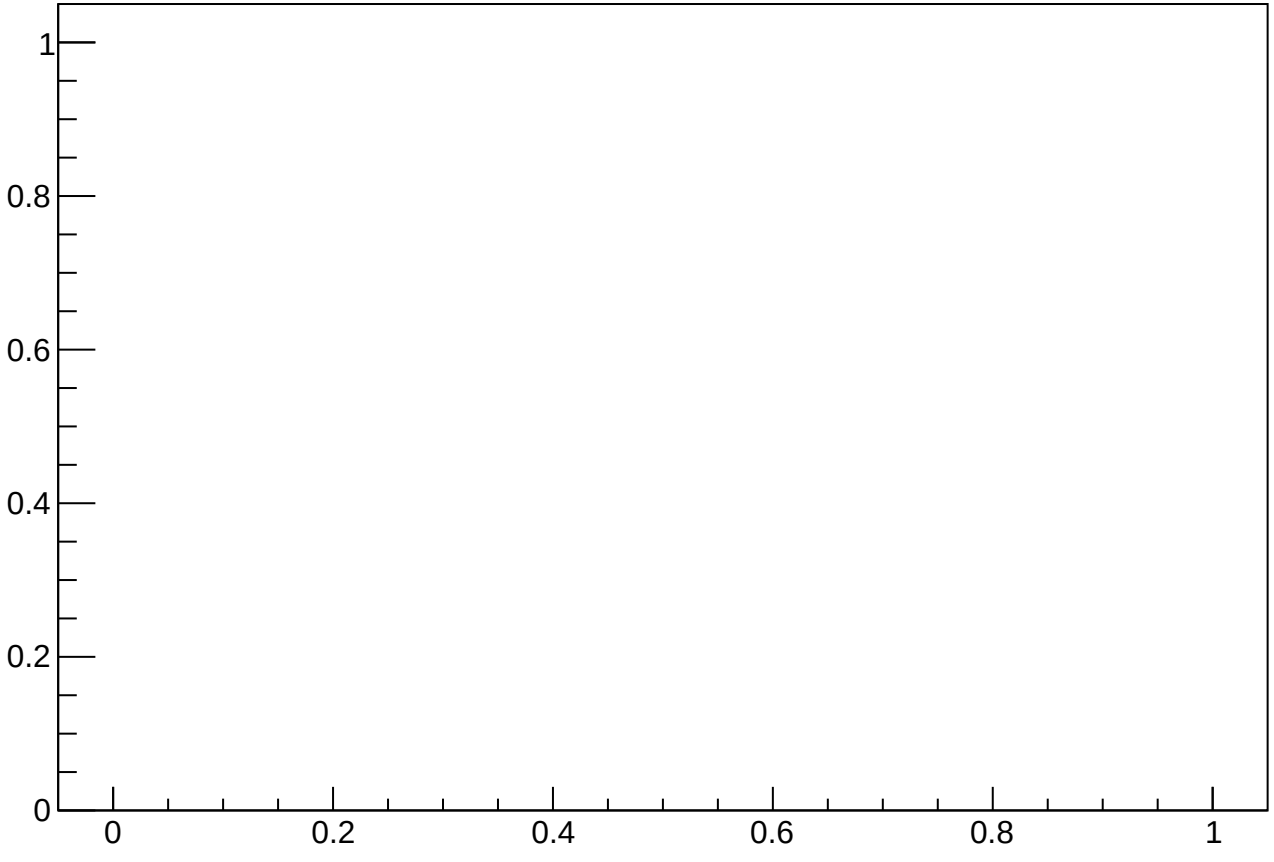
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

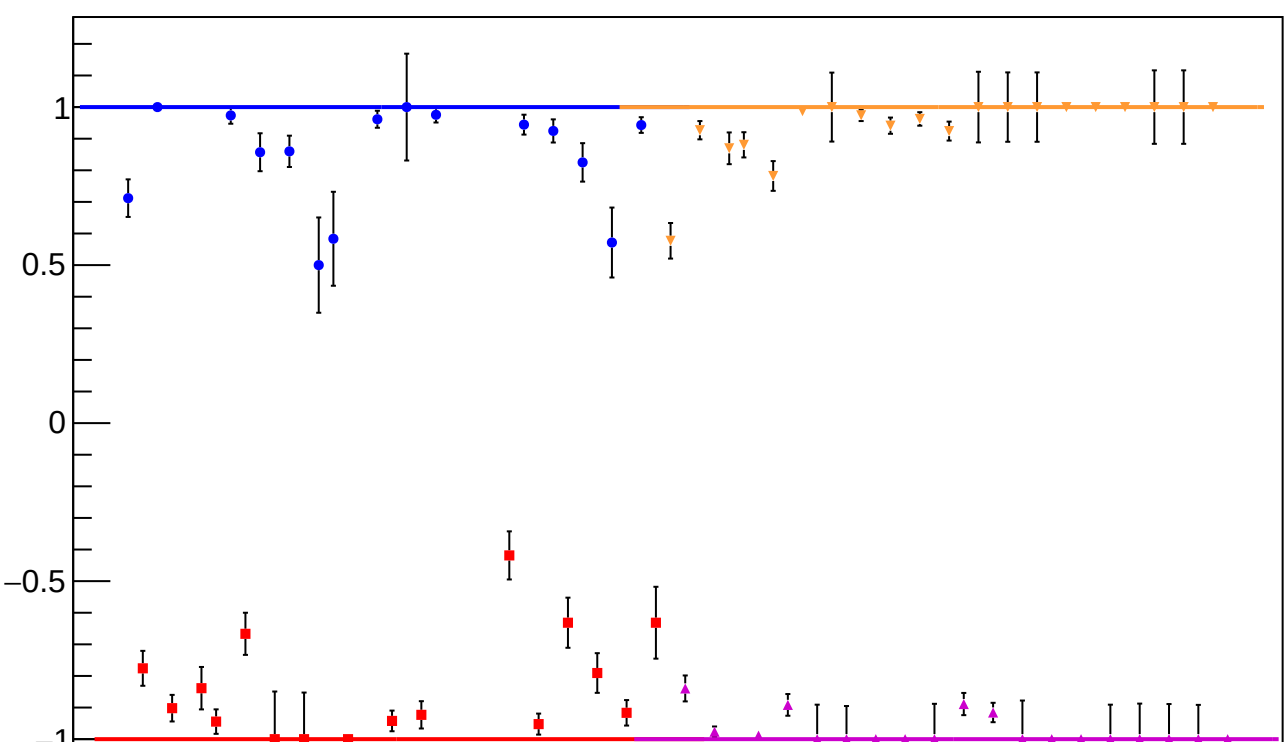
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/19

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:284.3/18

Left: -0.203+/-0.000 χ^2/NDF: 23082783272668749

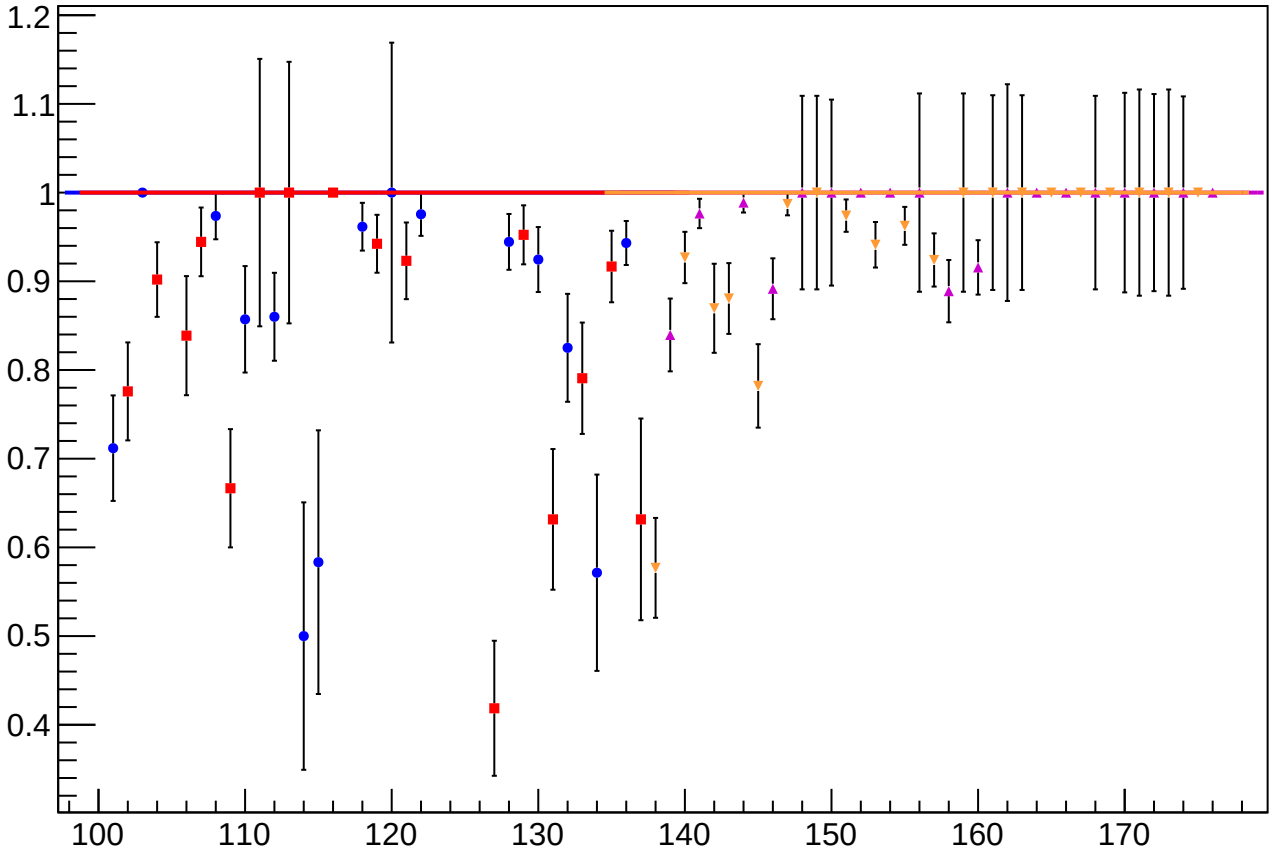
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.850+/-0.000 χ^2/NDF:43519955777534865 2

Out: 0.900+/-0.000 χ^2/NDF:19264216350456297 8

All: -0.164+/-0.000 χ^2/NDF: 2506771675640

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/19

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:284.3/18

Left: 1.000+/-0.000 χ^2/NDF: 2929.6/38

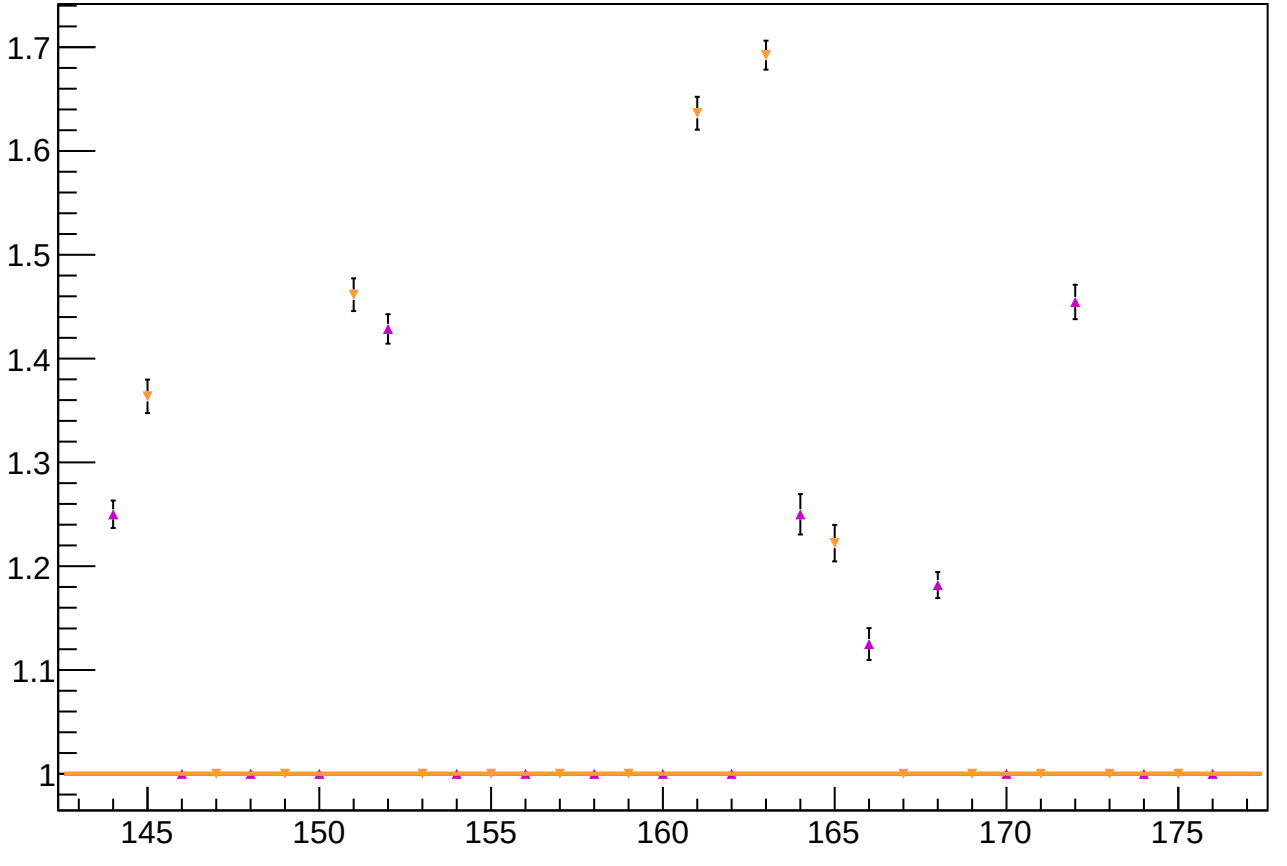
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:565.7/33

Out: 1.000+/-0.000 χ^2/NDF:607.7/35

All: 1.000+/-0.000 χ^2/NDF: 1287.4/69

dit_segment_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1.000+/-0.000 χ^2/NDF:6485.6/15

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1.000+/-0.000 χ^2/NDF:3367.0/16

Left: 1.000+/-0.000 χ^2/NDF: 9600.2/32

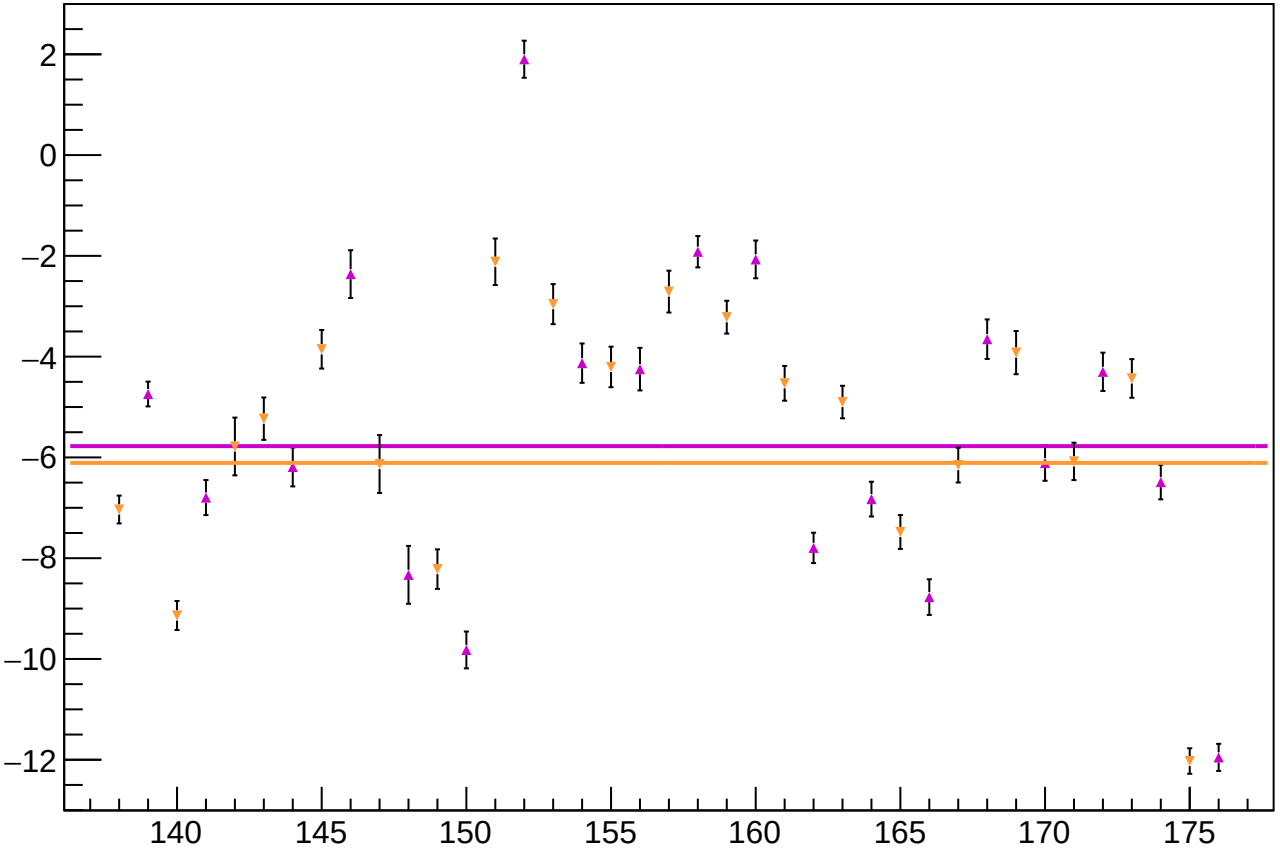
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:3367.0/16

Out: 1.000+/-0.000 χ^2/NDF:6485.6/15

All: 1.000+/-0.000 χ^2/NDF: 9600.2/32

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -6.109+/-0.081 χ^2/NDF:1137.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -5.776+/-0.080 χ^2/NDF:1642.3/18

Left: -5.941+/-0.057 χ^2/NDF: 2788.3/38

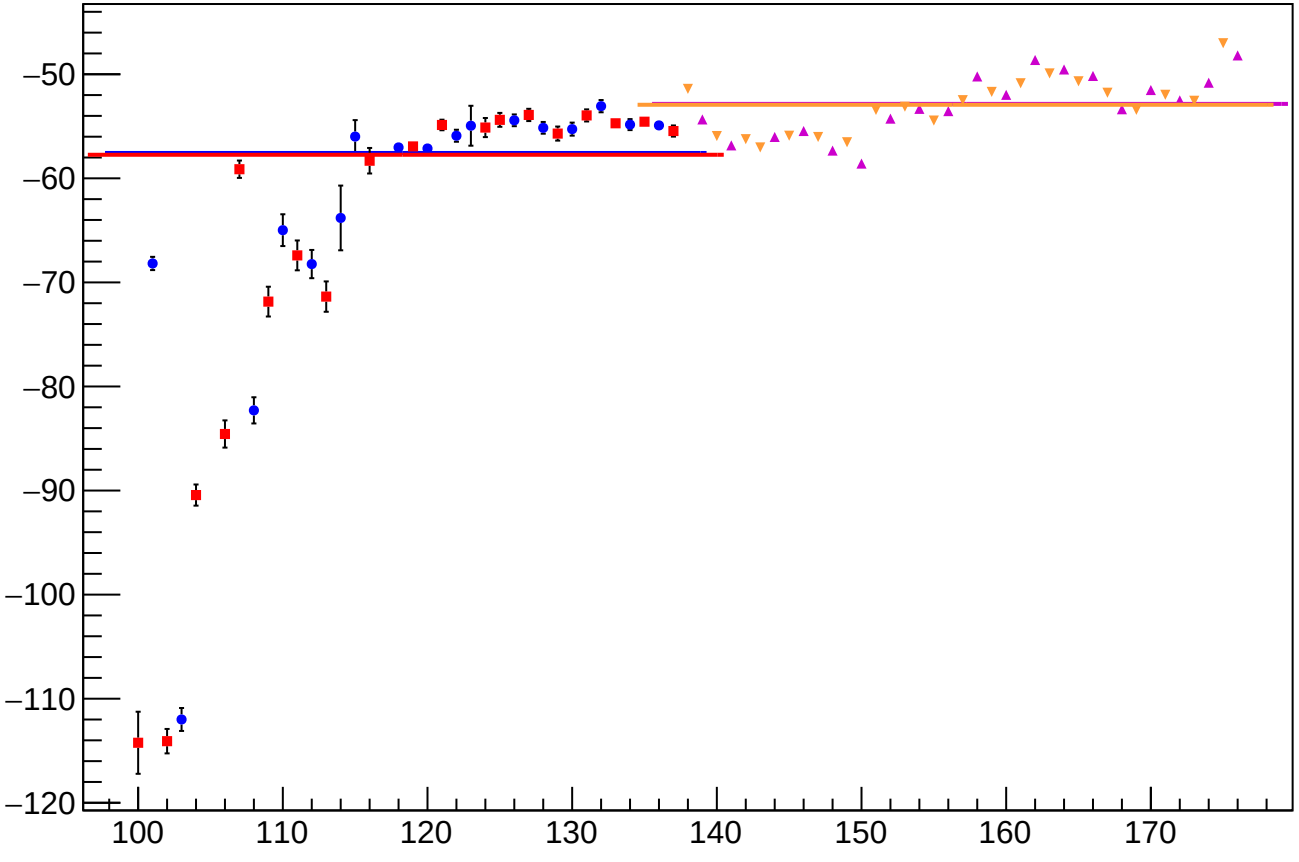
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.776+/-0.080 χ^2/NDF:1642.3/18

Out: -6.109+/-0.081 χ^2/NDF:1137.6/19

All: -5.941+/-0.057 χ^2/NDF: 2788.3/38

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -52.932+/-0.062 χ^2/NDF:1818.3/19

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -52.848+/-0.063 χ^2/NDF:2349.2/18

Left: -52.891+/-0.044 χ^2/NDF: 4168.4/38

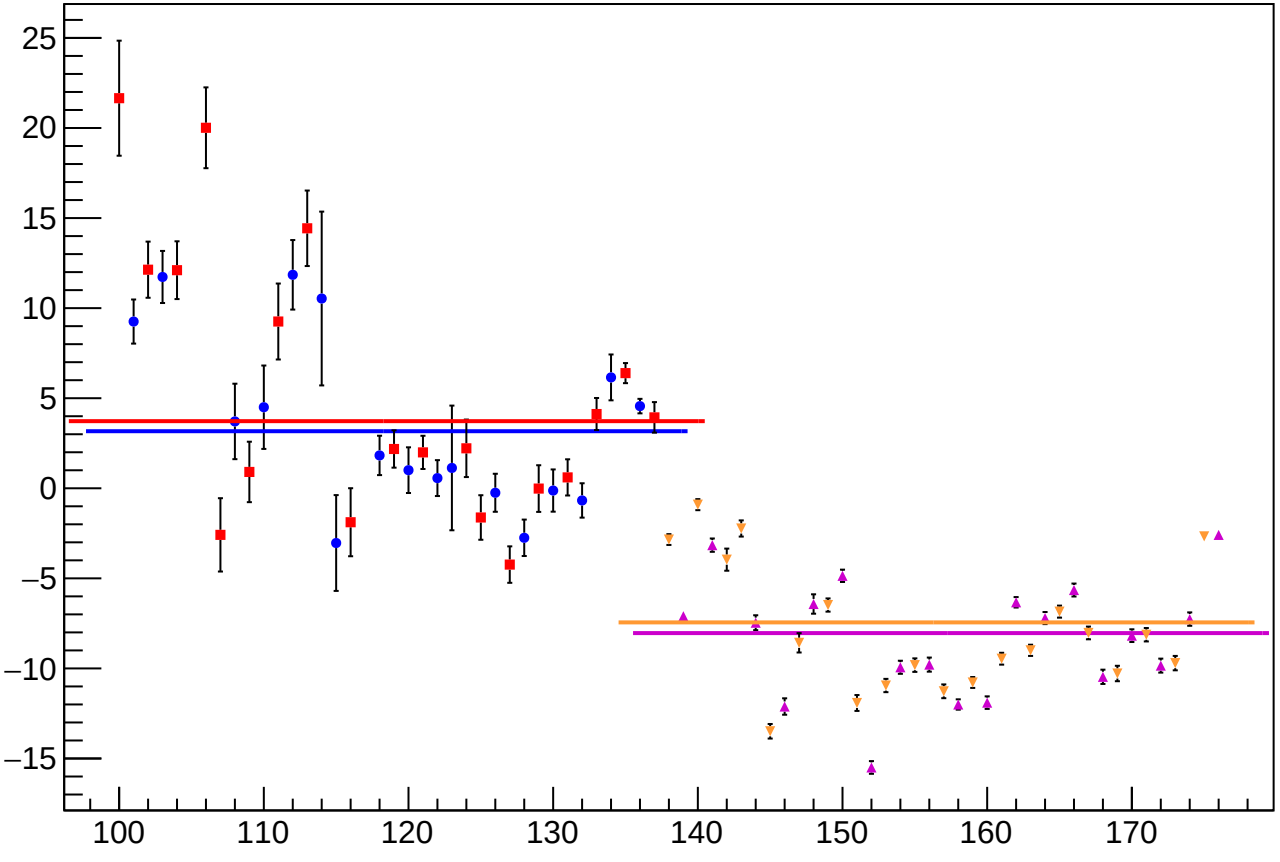
Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -53.638+/-0.058 χ^2/NDF:6730.1/35

Out: -53.691+/-0.057 χ^2/NDF:7466.8/38

All: -53.665+/-0.041 χ^2/NDF: 14197.3/74

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -7.445+/-0.080 χ^2/NDF:2049.7/19

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -8.038+/-0.080 χ^2/NDF:1740.9/18

Left: -7.744+/-0.057 χ^2/NDF: 3818.1/38

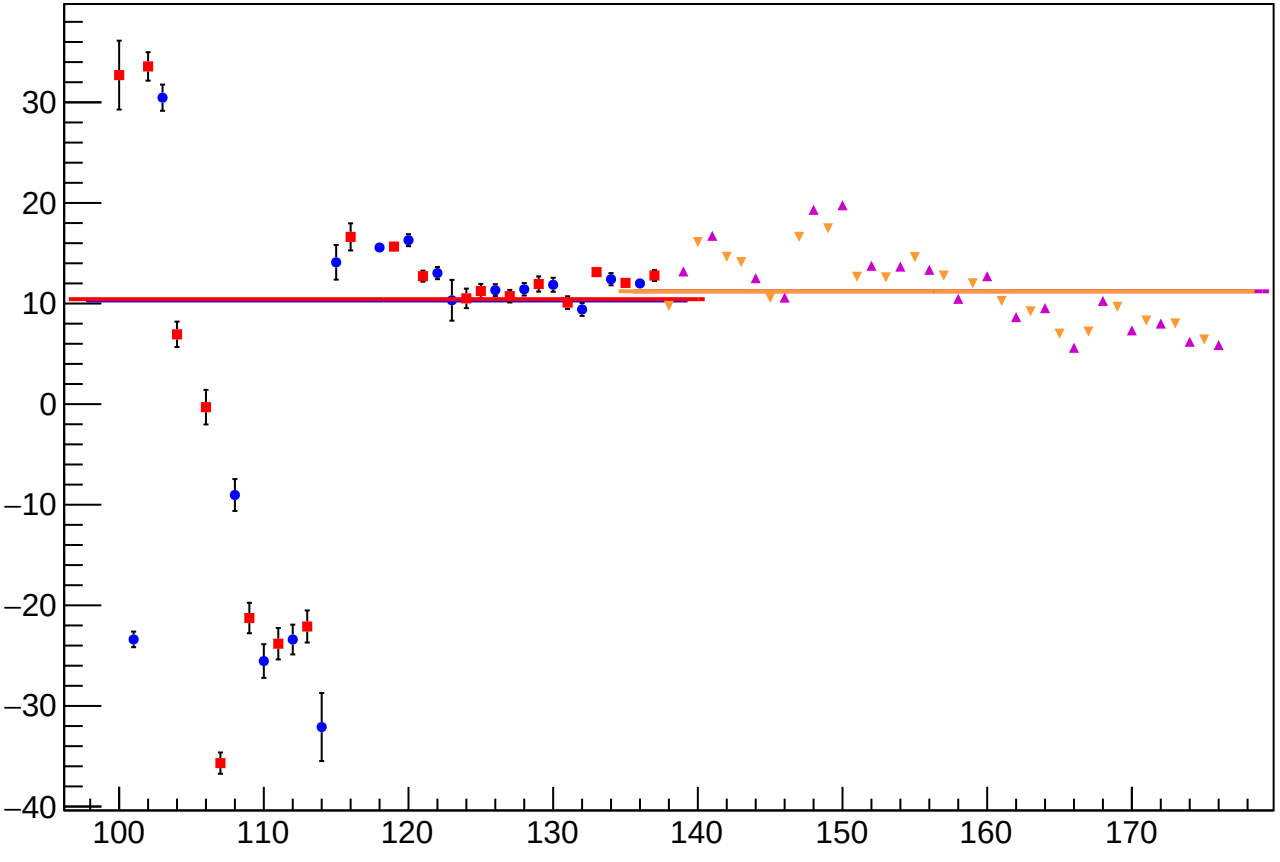
Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -7.060+/-0.076 χ^2/NDF:3652.7/35

Out: -6.517+/-0.077 χ^2/NDF:3977.0/38

All: -6.792+/-0.054 χ^2/NDF: 7654.9/74

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 11.222+/-0.070 χ^2/NDF:2197.6/19

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 11.215+/-0.071 χ^2/NDF:3203.2/18

Left: 11.218+/-0.050 χ^2/NDF: 5400.8/38

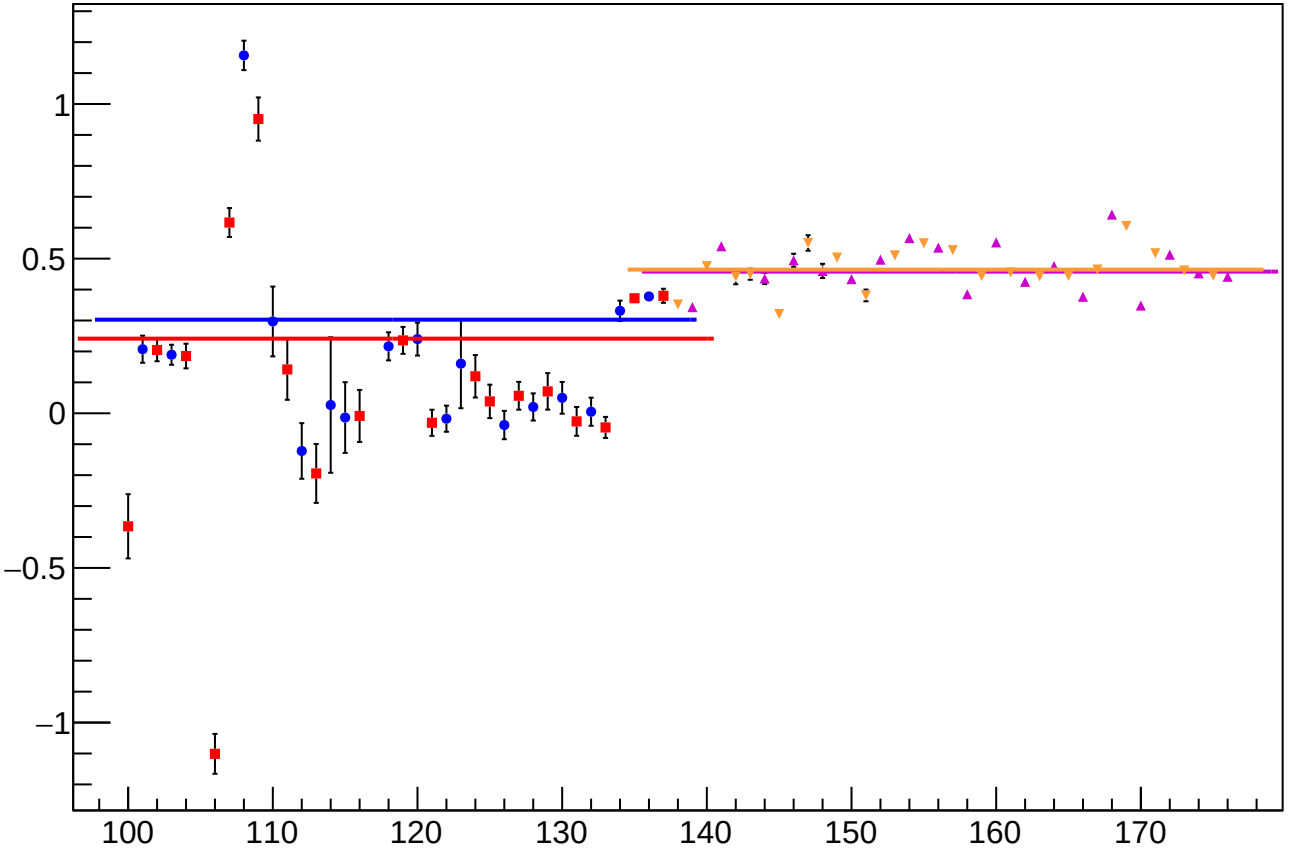
Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 11.061+/-0.065 χ^2/NDF:6943.4/35

Out: 11.096+/-0.064 χ^2/NDF:6046.5/38

All: 11.078+/-0.045 χ^2/NDF: 12990.1/74

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.465+/-0.003 χ^2/NDF:404.3/19

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.458+/-0.003 χ^2/NDF:687.0/18

Left: 0.461+/-0.002 χ^2/NDF: 1093.5/38

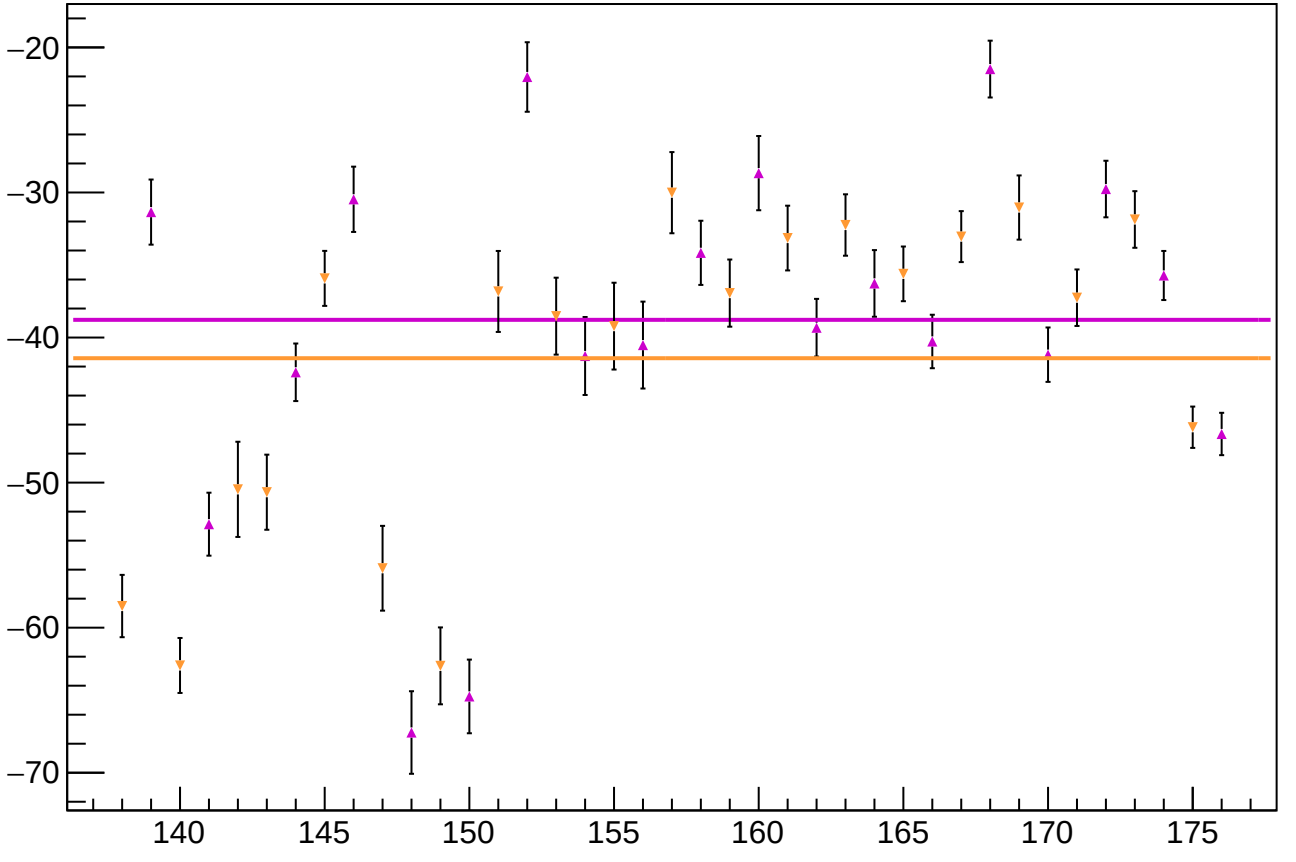
Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.439+/-0.003 χ^2/NDF:1648.7/35

Out: 0.438+/-0.003 χ^2/NDF:1998.4/38

All: 0.438+/-0.002 χ^2/NDF: 3647.2/74

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -41.425+/-0.487 χ^2/NDF:457.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -38.779+/-0.483 χ^2/NDF:479.6/18

Left: -40.092+/-0.343 χ^2/NDF: 951.5/38

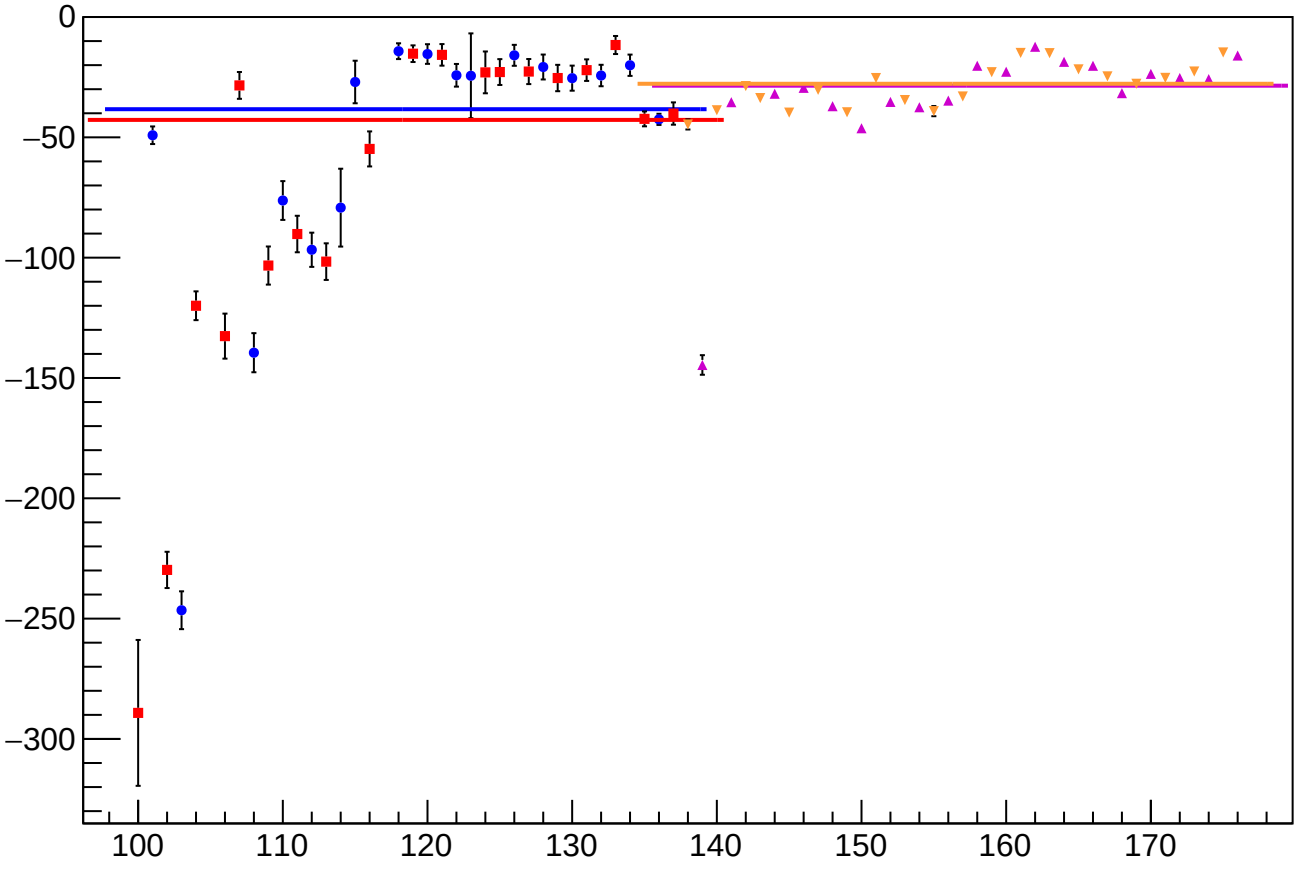
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.779+/-0.483 χ^2/NDF:479.6/18

Out: -41.425+/-0.487 χ^2/NDF:457.0/19

All: -40.092+/-0.343 χ^2/NDF: 951.5/38

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -27.743+/-0.365 χ^2/NDF:553.7/19

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -28.539+/-0.369 χ^2/NDF:1336.5/18

Left: -28.137+/-0.260 χ^2/NDF: 1892.5/38

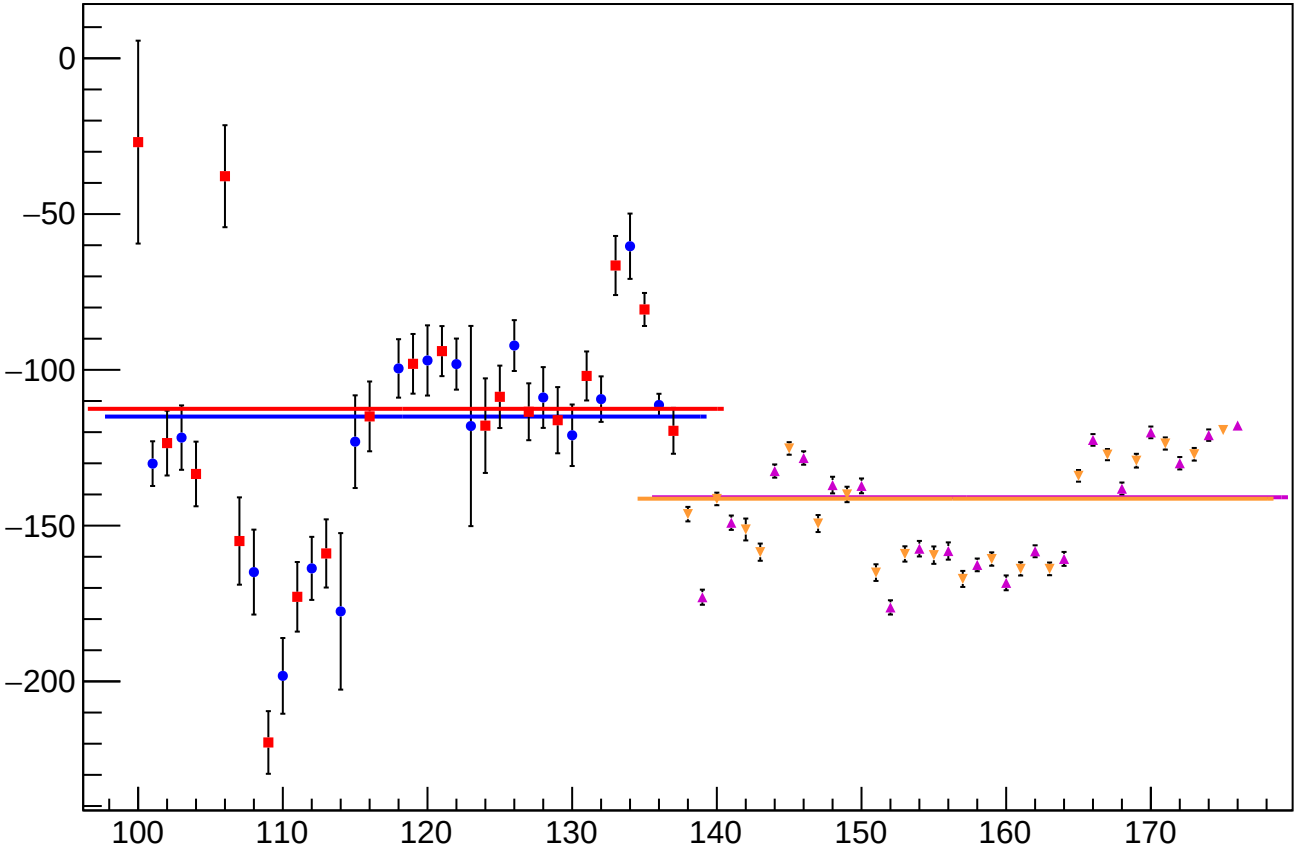
Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -29.470+/-0.351 χ^2/NDF:2536.0/35

Out: -28.995+/-0.350 χ^2/NDF:2036.2/38

All: -29.232+/-0.248 χ^2/NDF: 4573.1/74

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -141.354+/-0.486 χ^2/NDF:1189.6/19

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -140.895+/-0.481 χ^2/NDF:1591.2/18

Left: -141.122+/-0.342 χ^2/NDF: 2781.3/38

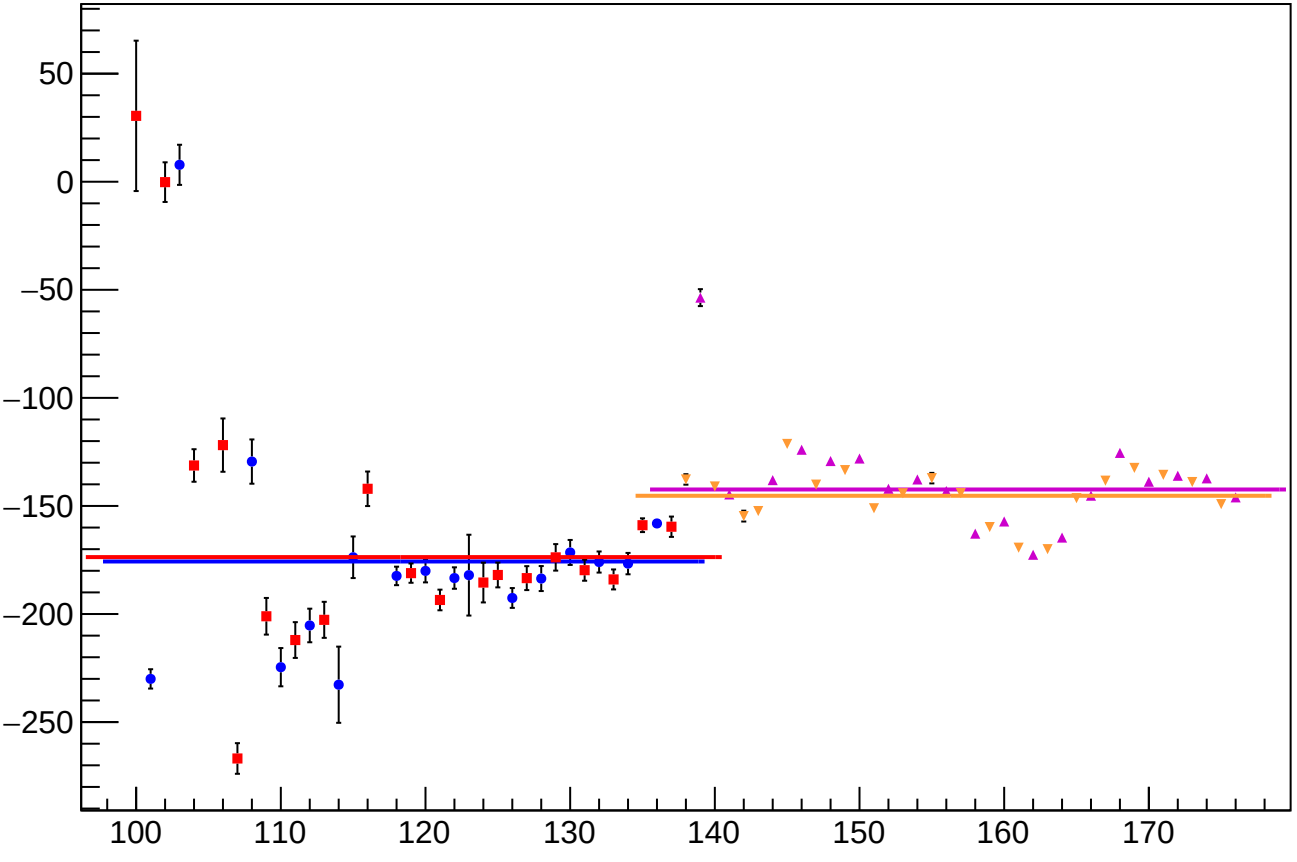
Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -139.574+/-0.468 χ^2/NDF:1881.2/35

Out: -140.021+/-0.474 χ^2/NDF:1625.7/38

All: -139.795+/-0.333 χ^2/NDF: 3507.4/74

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -145.293+/-0.414 χ^2/NDF:909.6/19

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -142.386+/-0.417 χ^2/NDF:1531.6/18

Left: -143.849+/-0.294 χ^2/NDF: 2465.6/38

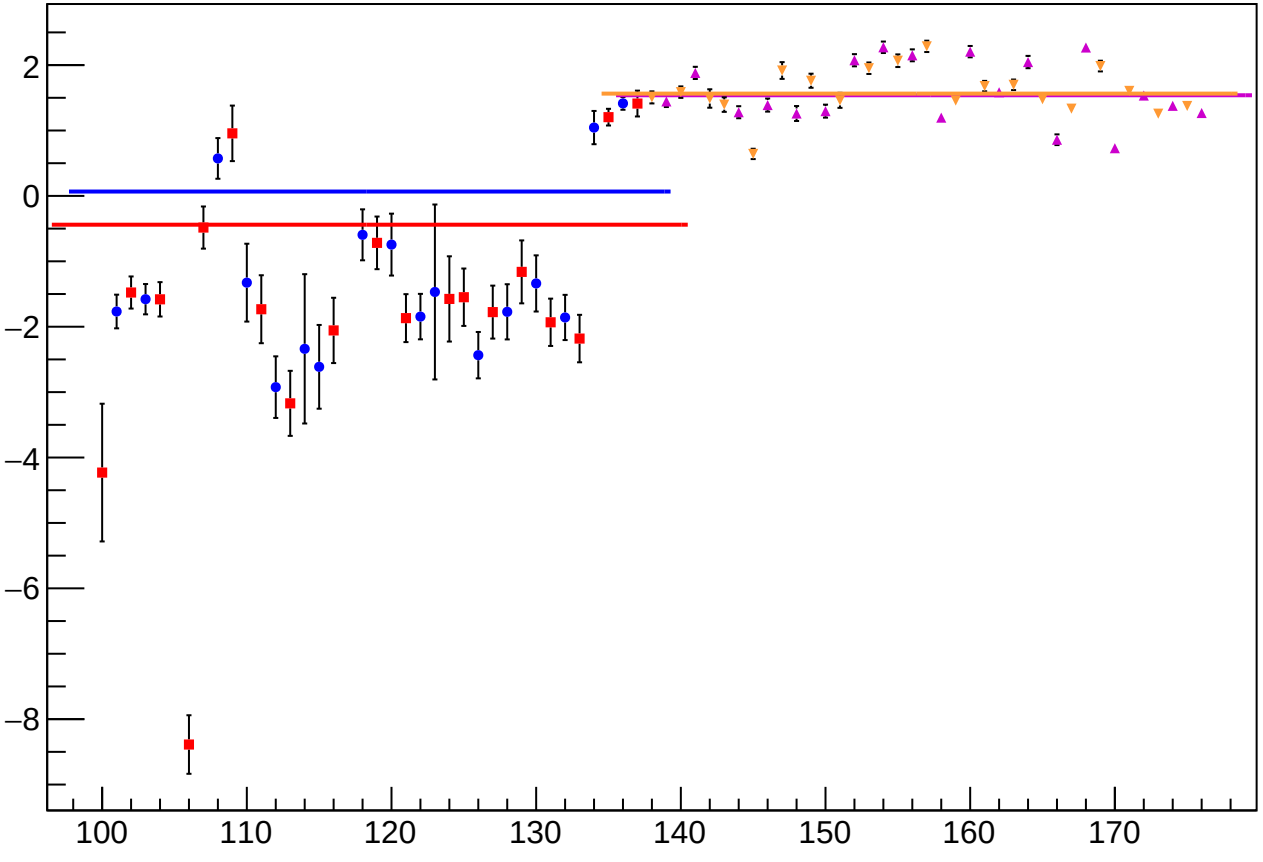
Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -145.642+/-0.396 χ^2/NDF:2847.6/35

Out: -147.717+/-0.396 χ^2/NDF:2047.8/38

All: -146.679+/-0.280 χ^2/NDF: 4909.1/74

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.564+/-0.019 χ^2/NDF:336.0/19

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.539+/-0.019 χ^2/NDF:622.5/18

Left: 1.551+/-0.013 χ^2/NDF: 959.4/38

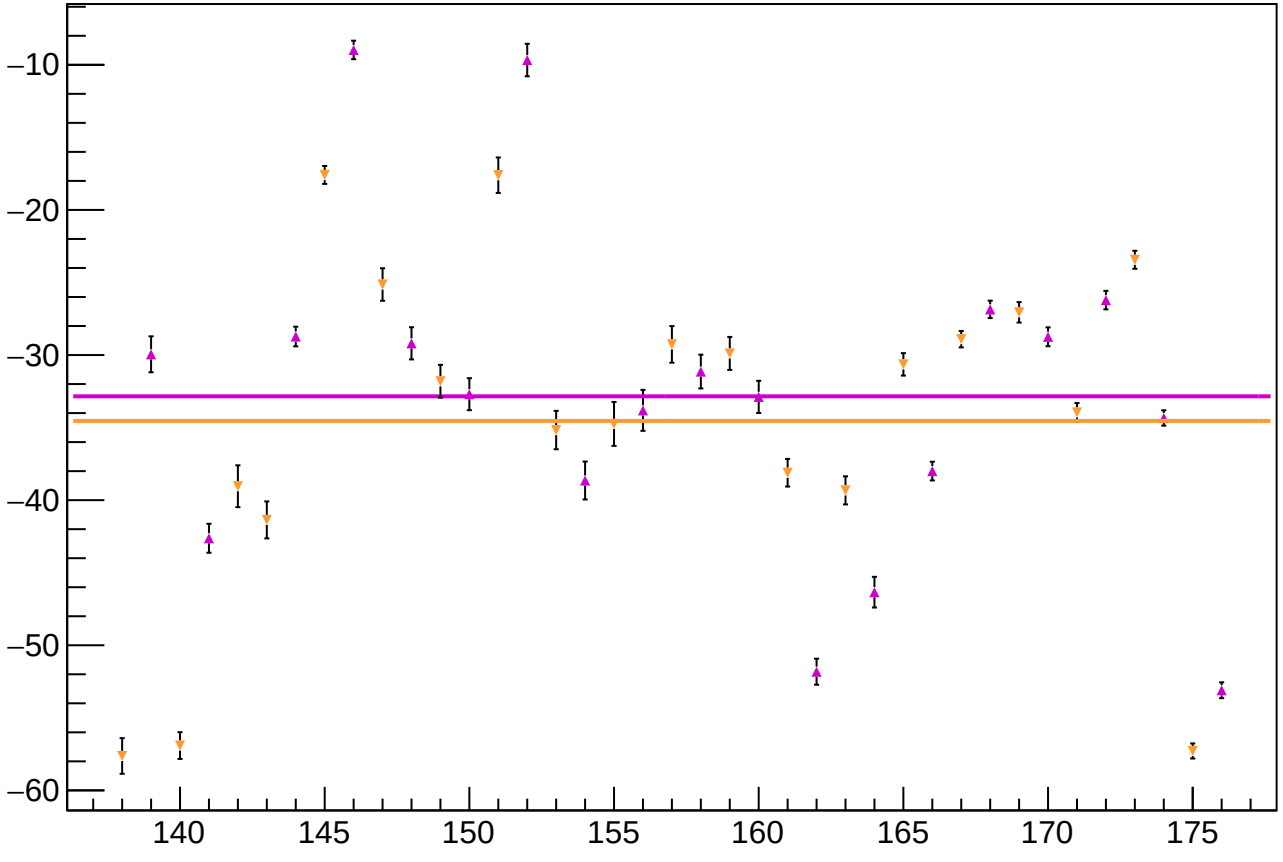
Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 1.432+/-0.018 χ^2/NDF:1596.6/35

Out: 1.428+/-0.019 χ^2/NDF:1831.4/38

All: 1.430+/-0.013 χ^2/NDF: 3428.1/74

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -34.539+/-0.189 χ^2/NDF:4552.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -32.846+/-0.181 χ^2/NDF:4298.3/18

Left: -33.656+/-0.131 χ^2/NDF: 8893.0/38

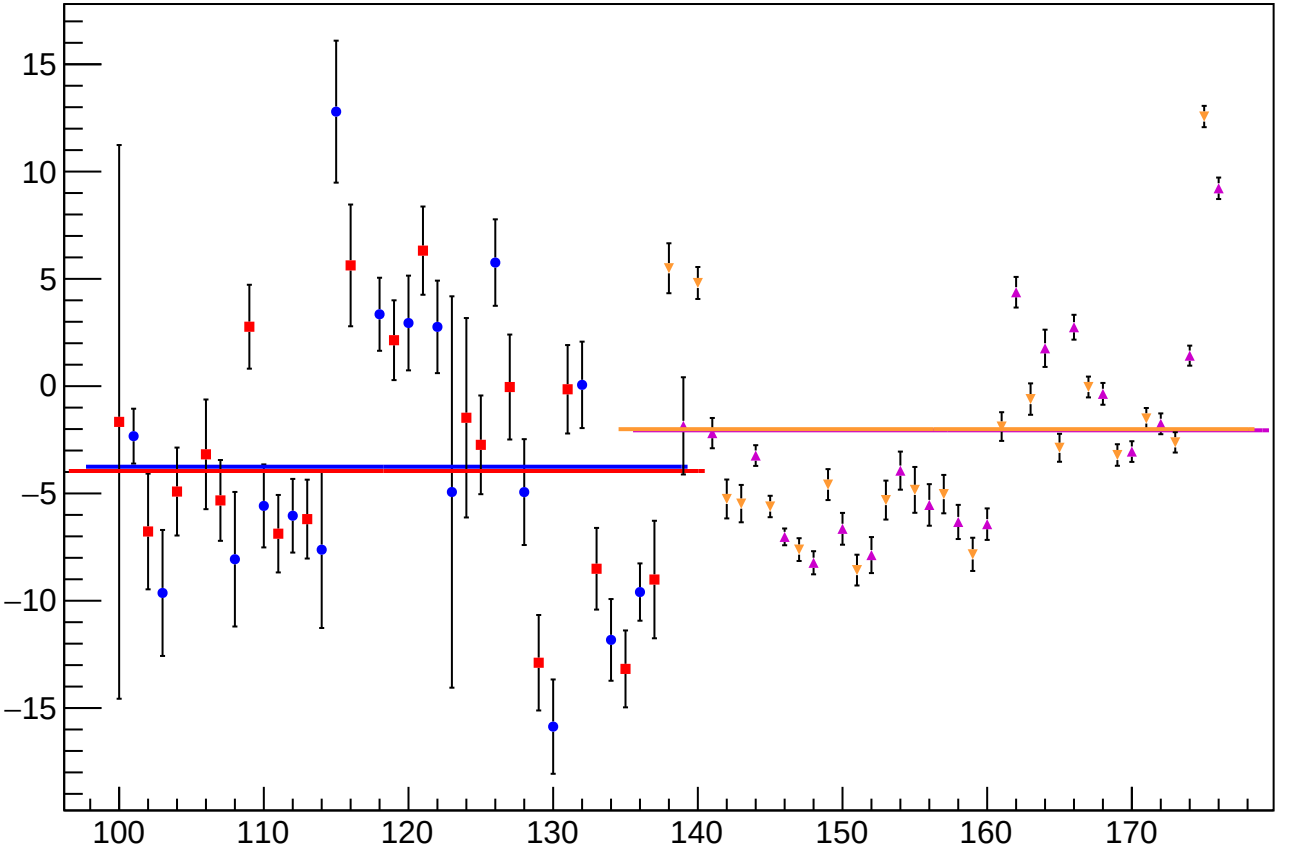
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.846+/-0.181 χ^2/NDF:4298.3/18

Out: -34.539+/-0.189 χ^2/NDF:4552.8/19

All: -33.656+/-0.131 χ^2/NDF: 8893.0/38

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -2.004+/-0.143 χ^2/NDF:1394.8/19

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -2.058+/-0.138 χ^2/NDF:1215.5/18

Left: -2.032+/-0.099 χ^2/NDF: 2610.4/38

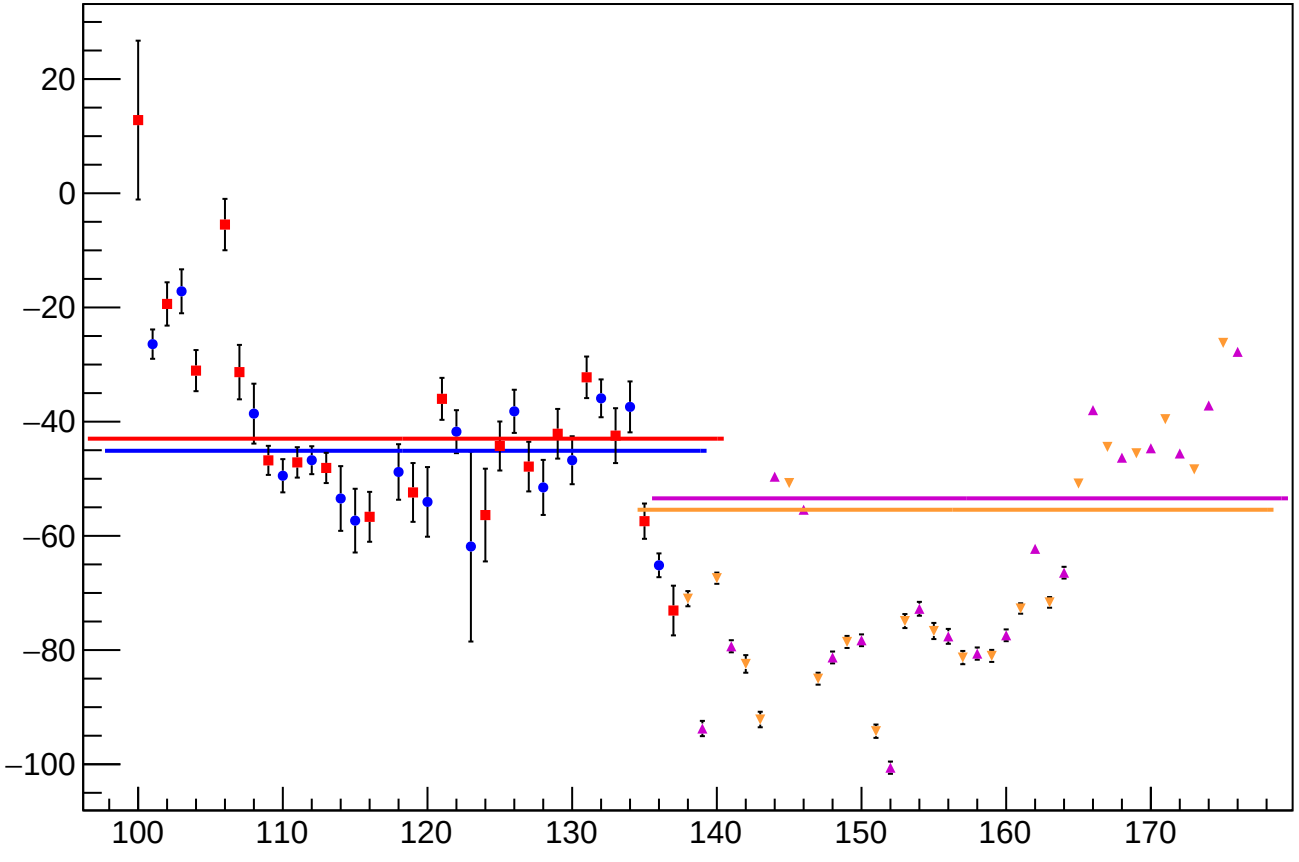
Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: -2.179+/-0.133 χ^2/NDF:1391.7/35

Out: -2.148+/-0.138 χ^2/NDF:1531.8/38

All: -2.164+/-0.095 χ^2/NDF: 2923.6/74

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -55.426+/-0.190 χ^2/NDF:10443.7/19

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -53.430+/-0.182 χ^2/NDF:10884.6/18

Left: -54.385+/-0.131 χ^2/NDF: 21386.0/38

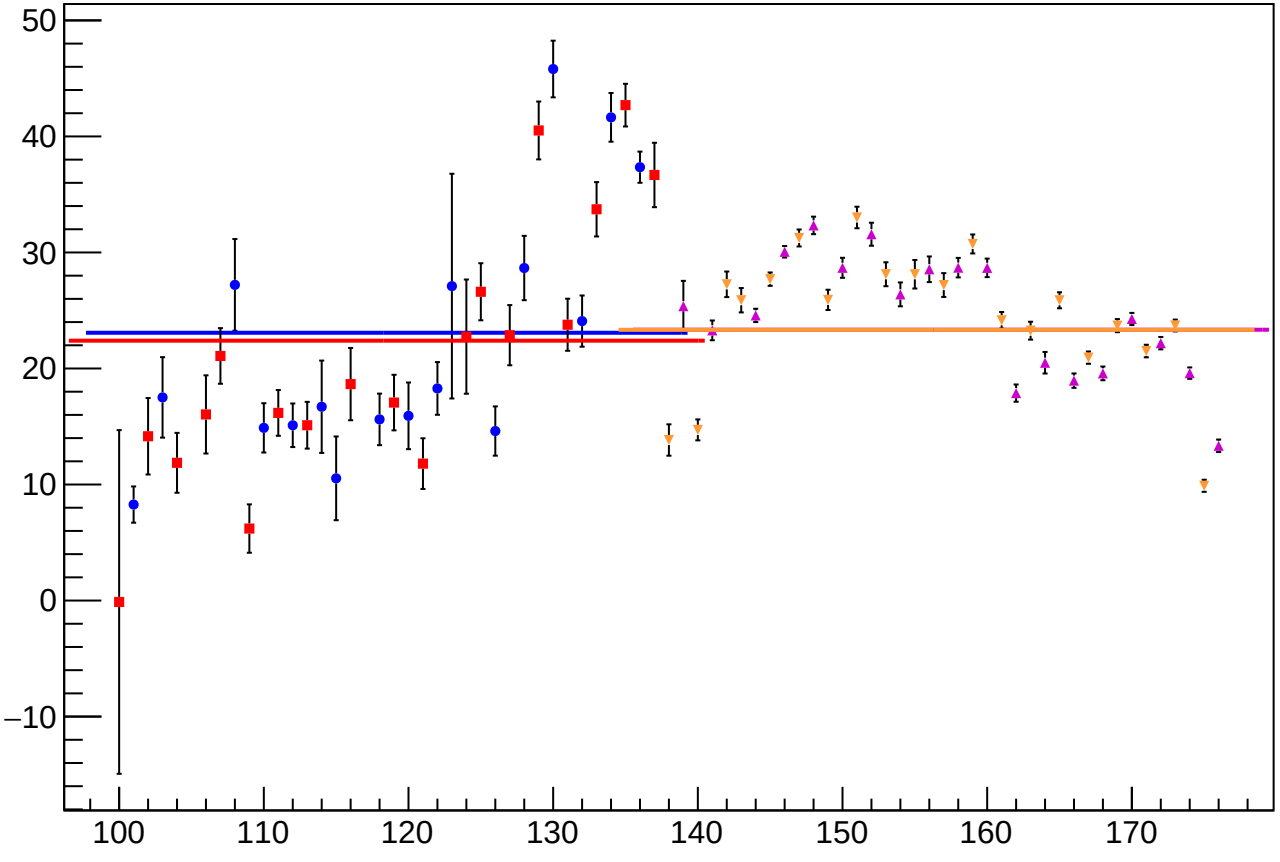
Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -53.090+/-0.178 χ^2/NDF:11200.2/35

Out: -54.870+/-0.186 χ^2/NDF:10884.9/38

All: -53.943+/-0.128 χ^2/NDF: 22133.0/74

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 23.333+/-0.162 χ^2/NDF:1295.9/19

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 23.341+/-0.157 χ^2/NDF:1120.0/18

Left: 23.337+/-0.113 χ^2/NDF: 2415.9/38

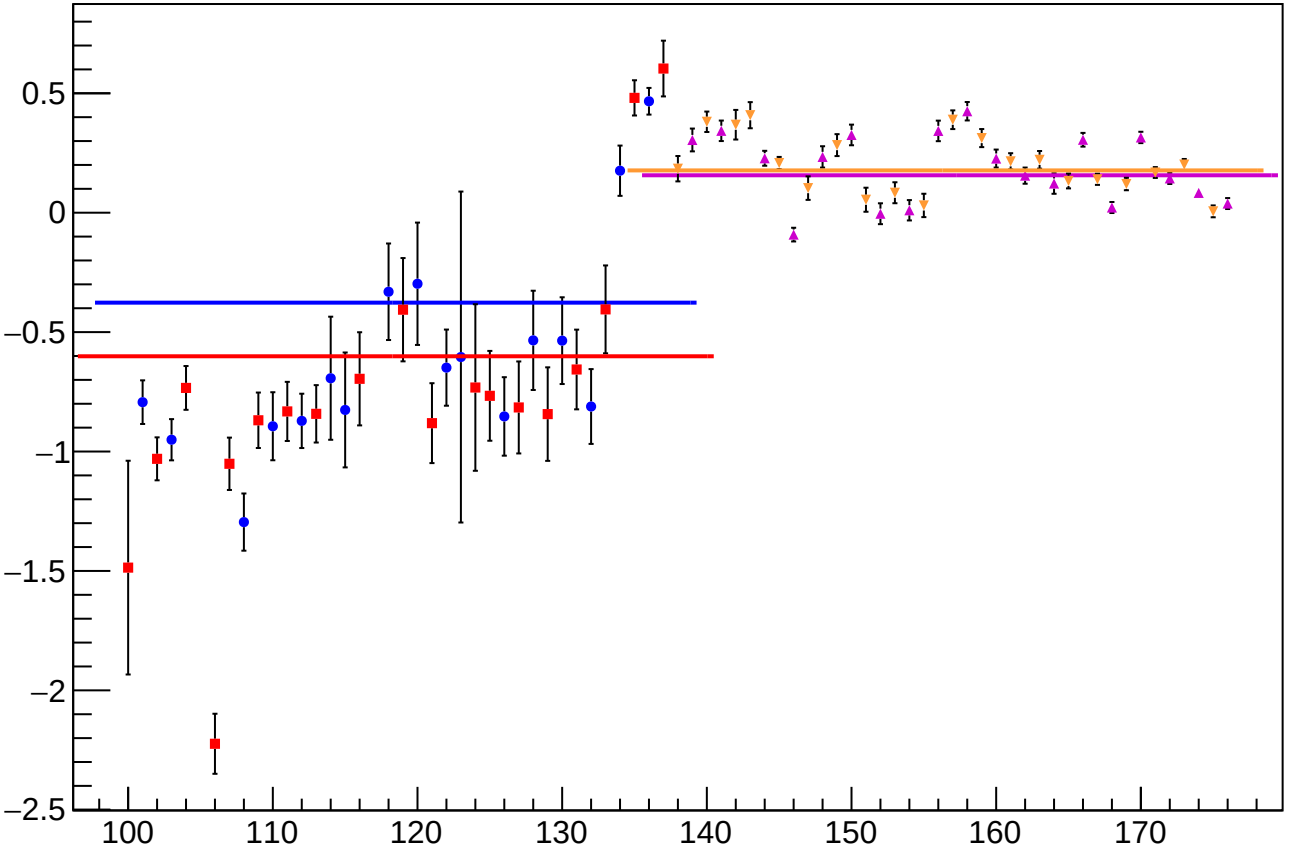
Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 23.322+/-0.151 χ^2/NDF:1581.3/35

Out: 23.264+/-0.156 χ^2/NDF:1668.7/38

All: 23.294+/-0.108 χ^2/NDF: 3250.1/74

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.177+/-0.007 χ^2/NDF:181.5/19

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.157+/-0.007 χ^2/NDF:368.3/18

Left: 0.166+/-0.005 χ^2/NDF: 553.7/38

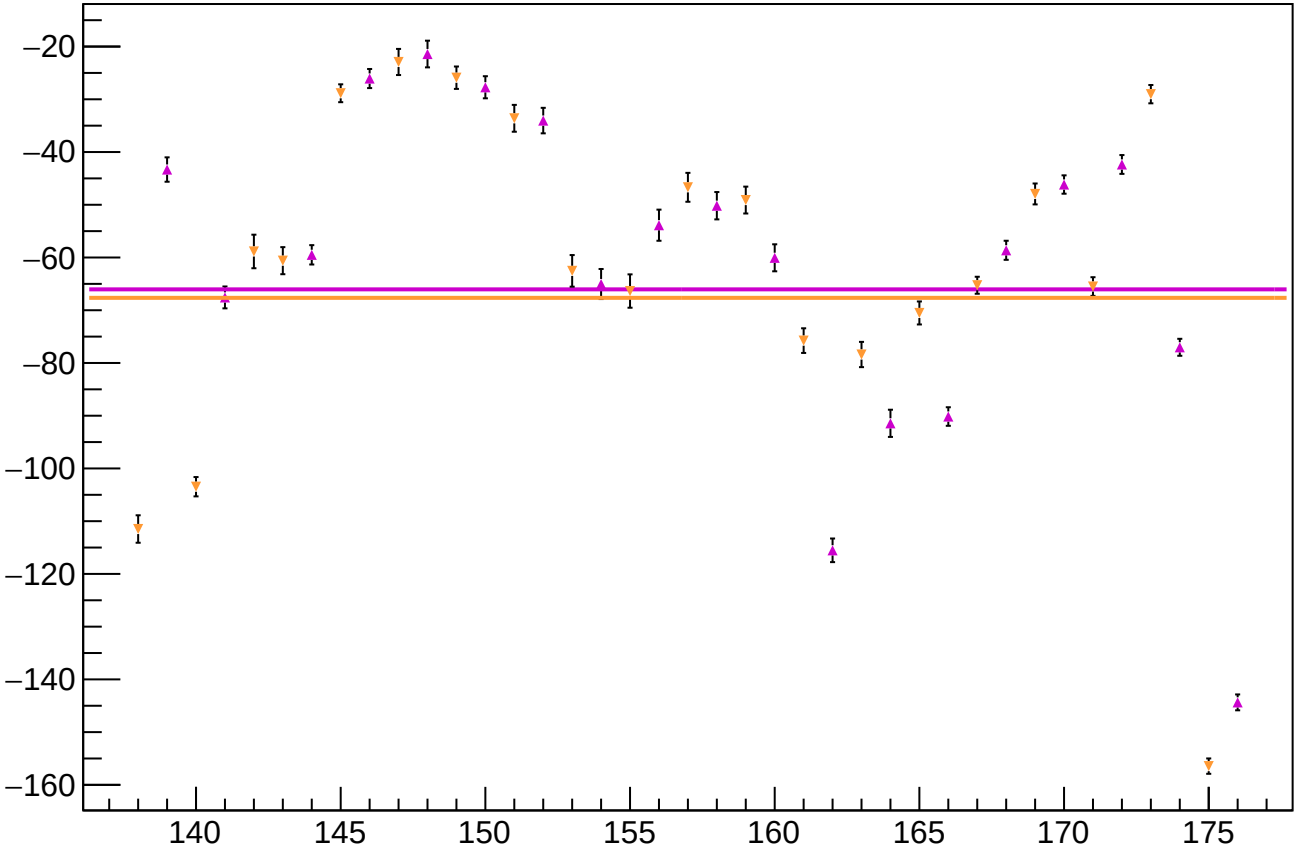
Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.128+/-0.007 χ^2/NDF:1103.2/35

Out: 0.132+/-0.007 χ^2/NDF:1363.8/38

All: 0.130+/-0.005 χ^2/NDF: 2467.2/74

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -67.650+/-0.476 χ^2/NDF:6563.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -66.041+/-0.468 χ^2/NDF:5327.8/18

Left: -66.832+/-0.334 χ^2/NDF: 11897.3/38

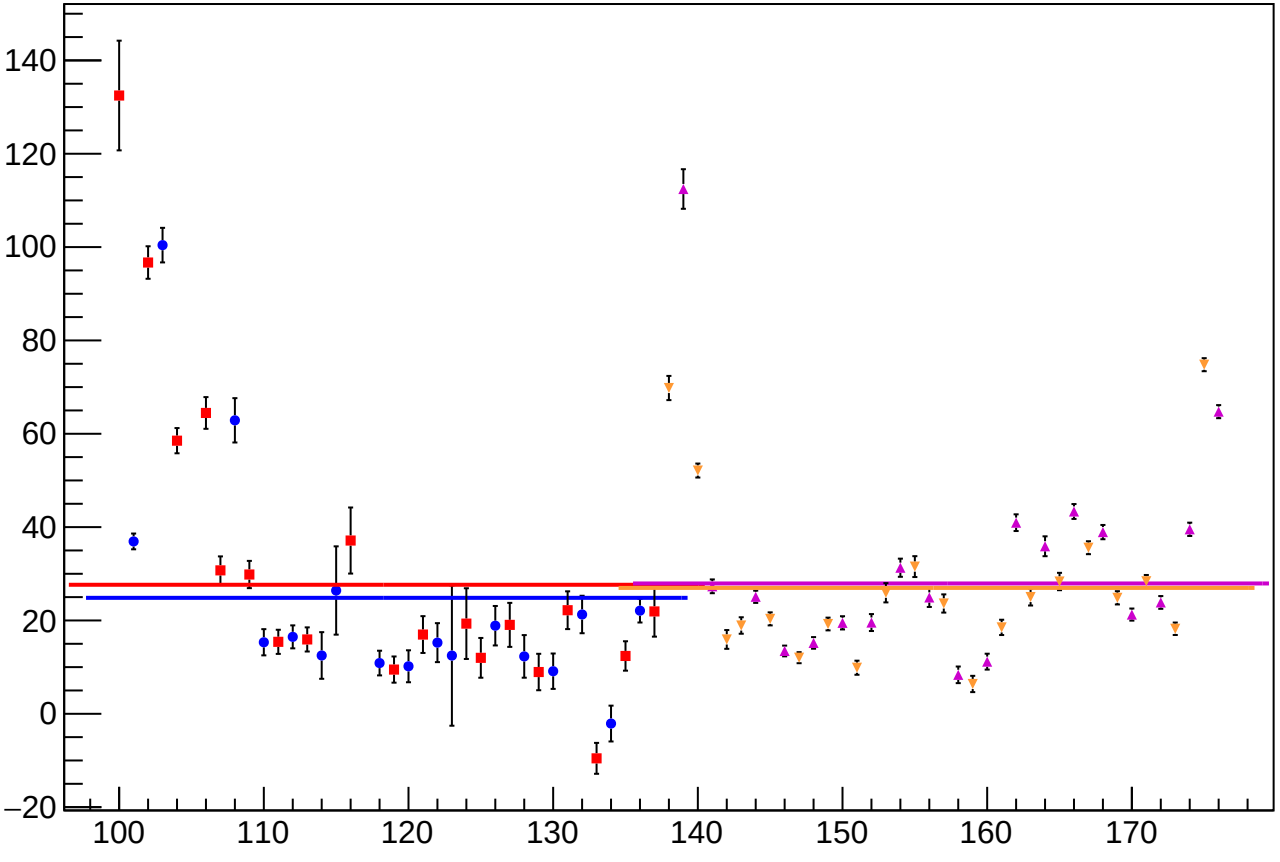
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -66.041+/-0.468 χ^2/NDF:5327.8/18

Out: -67.650+/-0.476 χ^2/NDF:6563.8/19

All: -66.832+/-0.334 χ^2/NDF: 11897.3/38

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 26.972+/-0.354 χ^2/NDF:2376.2/19

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 27.927+/-0.355 χ^2/NDF:1948.9/18

Left: 27.448+/-0.250 χ^2/NDF: 4328.8/38

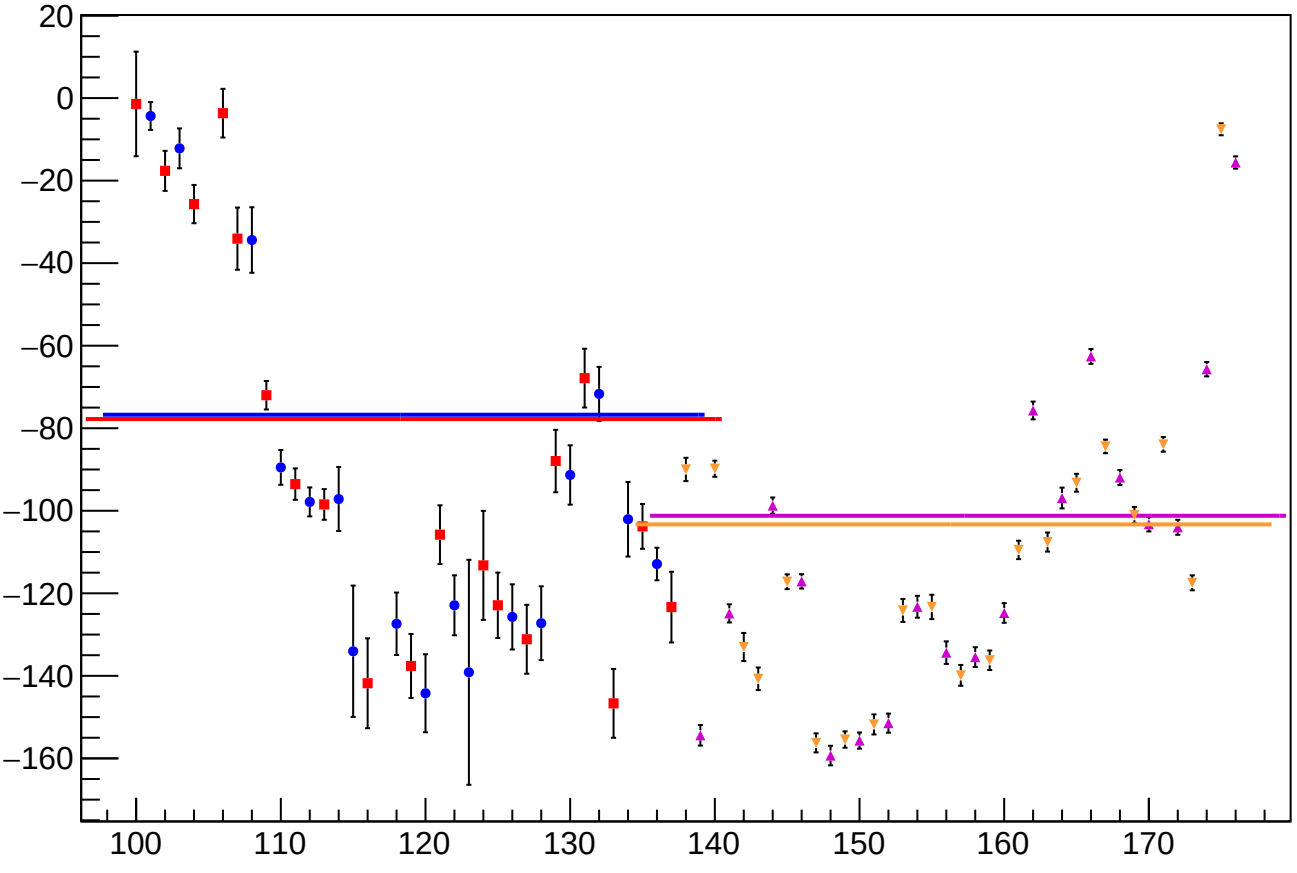
Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 27.422+/-0.324 χ^2/NDF:2652.1/35

Out: 27.080+/-0.324 χ^2/NDF:3386.0/38

All: 27.251+/-0.229 χ^2/NDF: 6038.6/74

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -103.305+/-0.475 χ^2/NDF:7178.7/19

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -101.206+/-0.466 χ^2/NDF:7366.7/18

Left: -102.236+/-0.333 χ^2/NDF: 14555.3/38

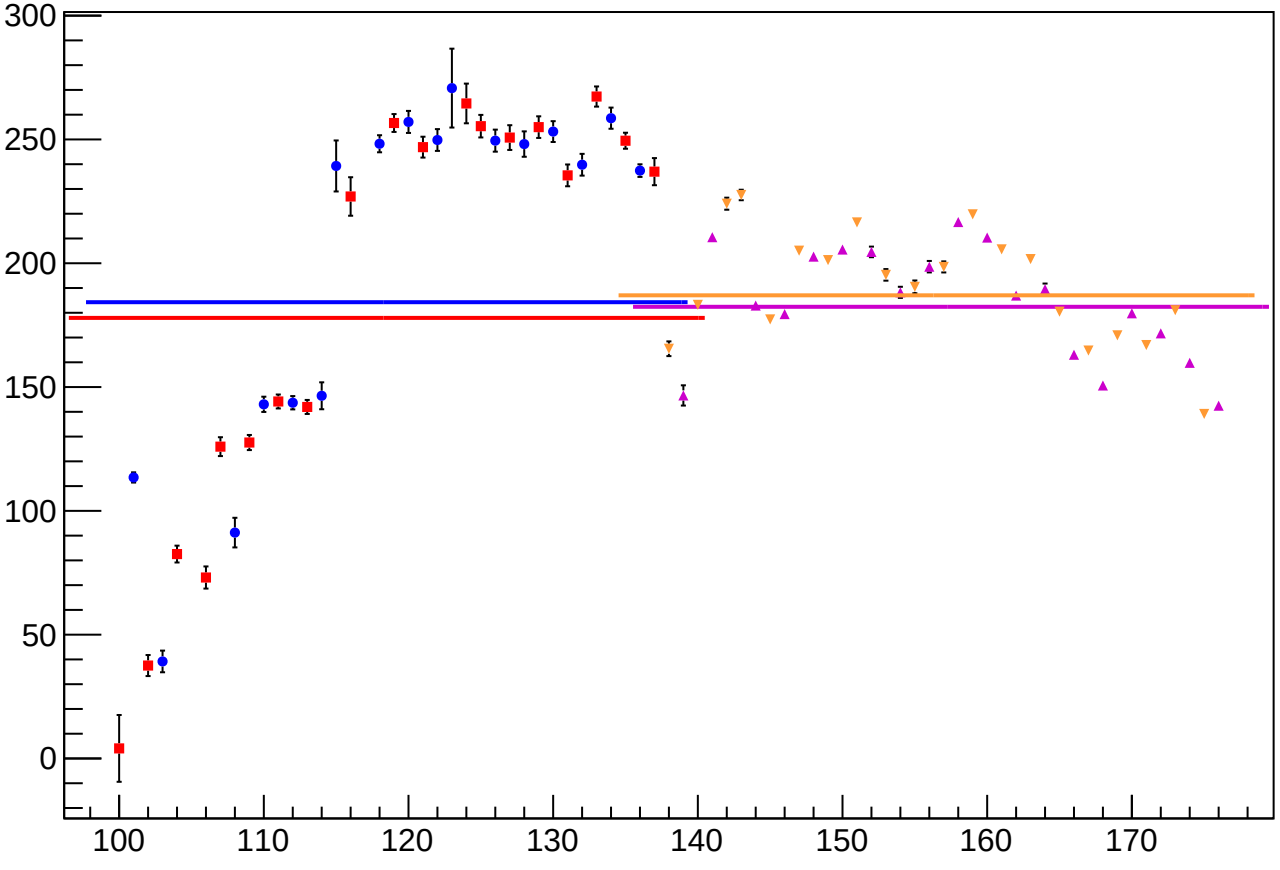
Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -98.798+/-0.443 χ^2/NDF:8679.6/35

Out: -100.497+/-0.448 χ^2/NDF:8367.8/38

All: -99.637+/-0.315 χ^2/NDF: 17054.7/74

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 187.050+/-0.404 χ^2/NDF:3237.8/19

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 182.413+/-0.404 χ^2/NDF:2840.9/18

Left: 184.730+/-0.286 χ^2/NDF: 6144.6/38

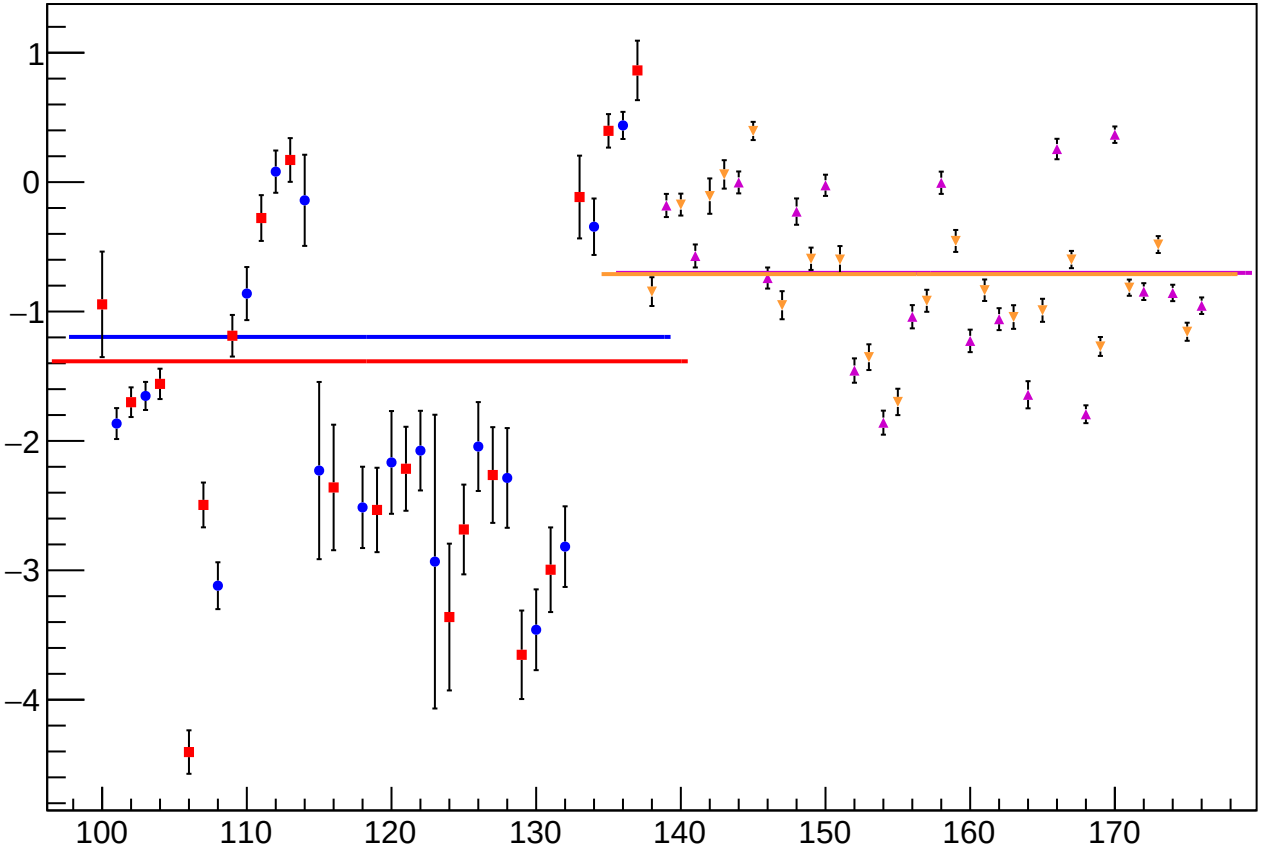
Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 182.717+/-0.369 χ^2/NDF:8245.4/35

Out: 185.586+/-0.370 χ^2/NDF:9650.5/38

All: 184.148+/-0.261 χ^2/NDF: 17926.0/74

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.711+/-0.019 χ^2/NDF:658.4/19

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.701+/-0.018 χ^2/NDF:1335.4/18

Left: -0.706+/-0.013 χ^2/NDF: 1994.0/38

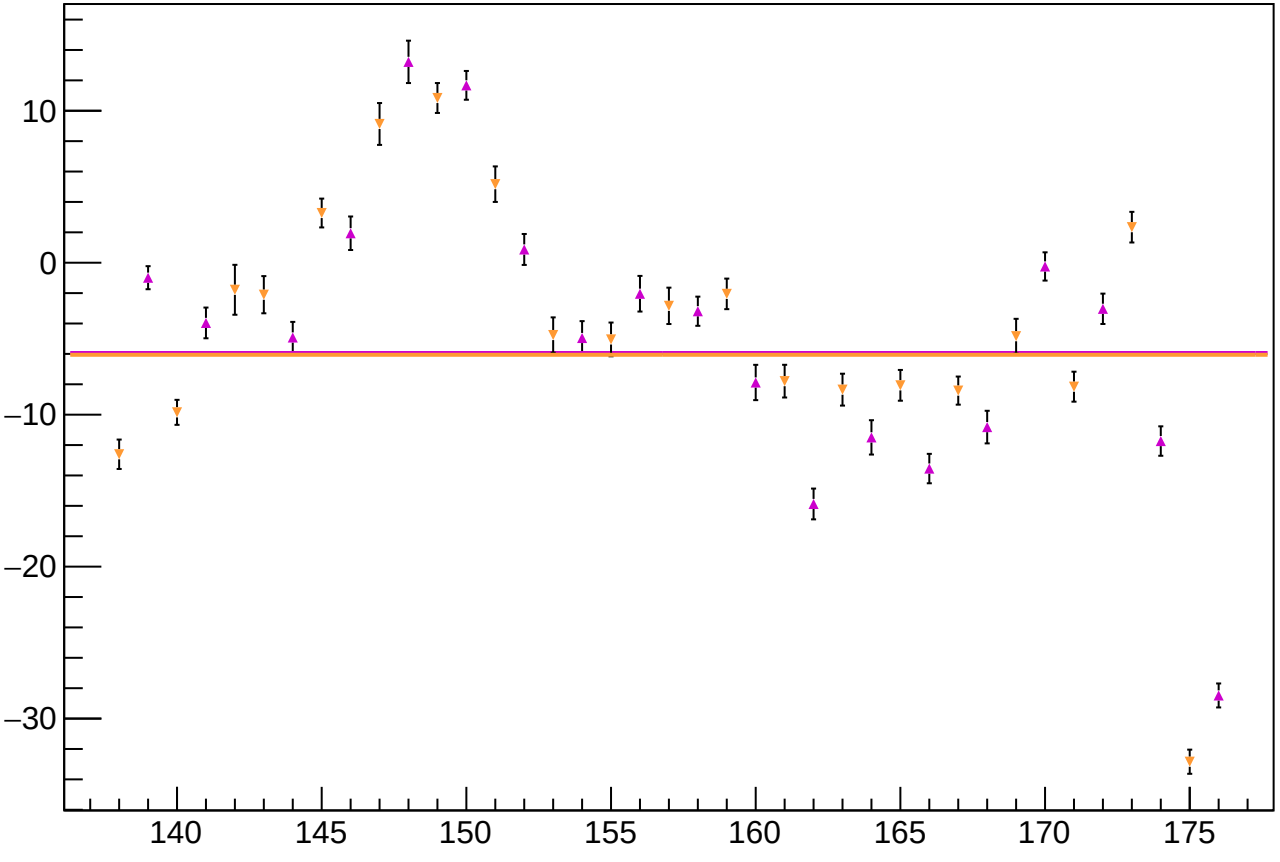
Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.764+/-0.017 χ^2/NDF:2051.0/35

Out: -0.808+/-0.017 χ^2/NDF:1768.4/38

All: -0.786+/-0.012 χ^2/NDF: 3822.6/74

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -6.058+/-0.232 χ^2/NDF:1942.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -5.943+/-0.230 χ^2/NDF:1801.0/18

Left: -6.000+/-0.163 χ^2/NDF: 3744.0/38

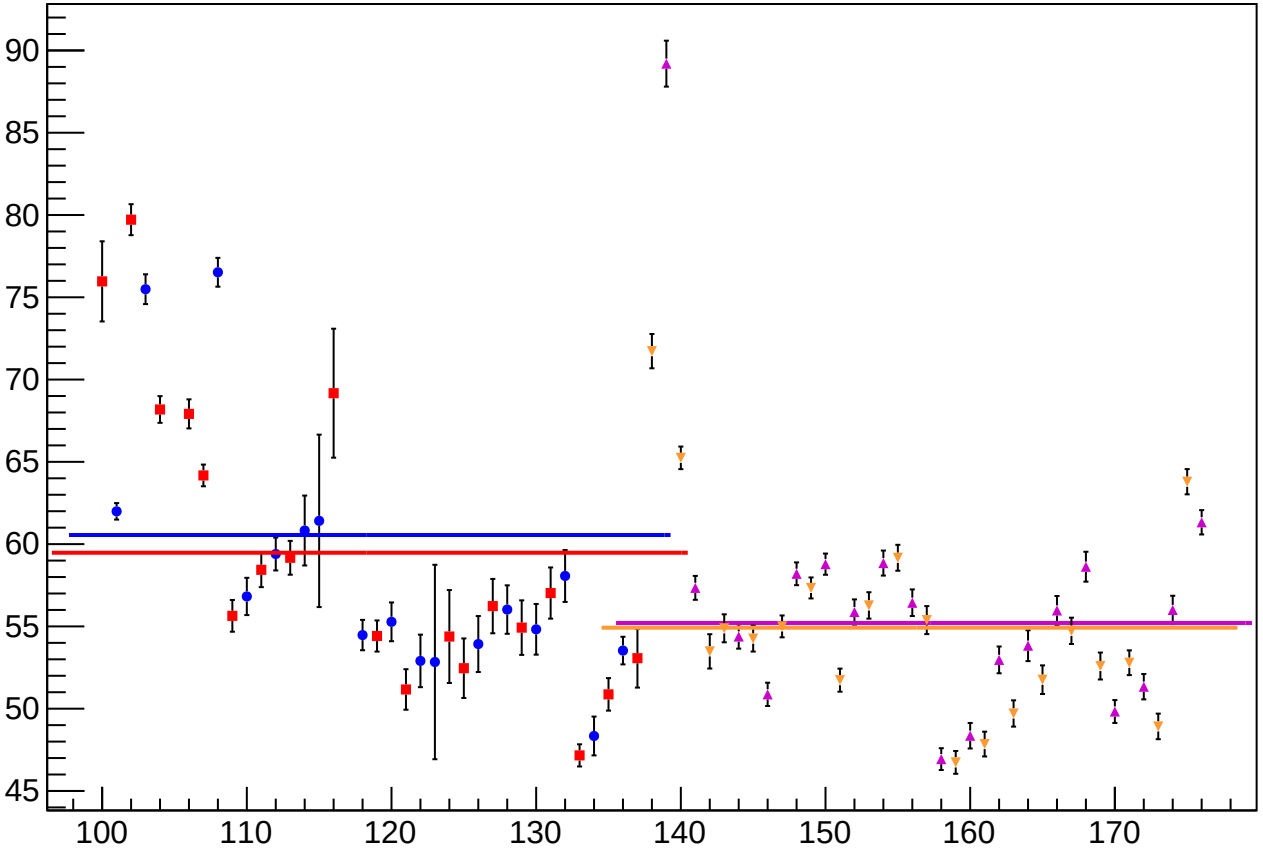
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.943+/-0.230 χ^2/NDF:1801.0/18

Out: -6.058+/-0.232 χ^2/NDF:1942.8/19

All: -6.000+/-0.163 χ^2/NDF: 3744.0/38

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 54.922+/-0.174 χ^2/NDF:1049.0/19

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 55.208+/-0.178 χ^2/NDF:1128.7/18

Left: 55.062+/-0.124 χ^2/NDF: 2179.0/38

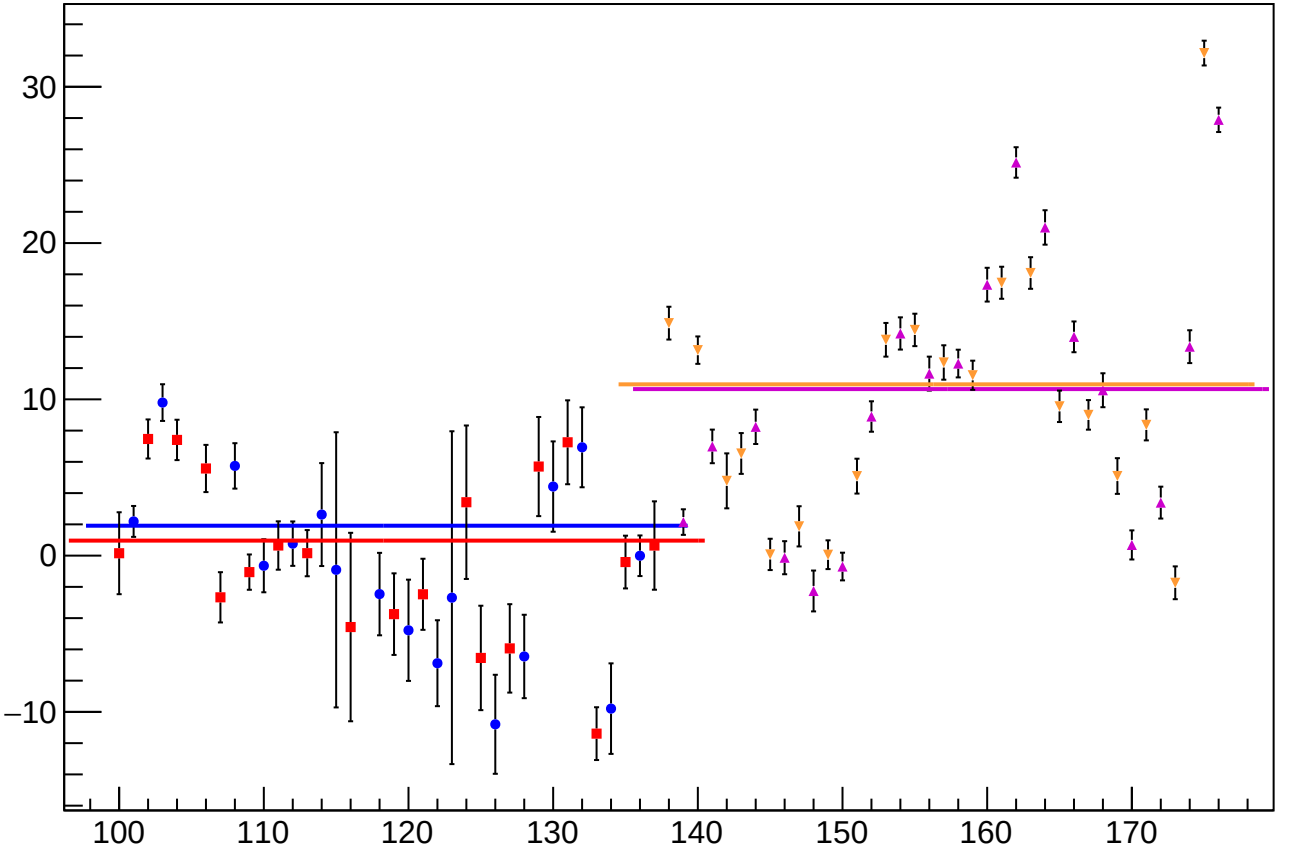
Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 56.895+/-0.147 χ^2/NDF:2345.3/35

Out: 56.421+/-0.142 χ^2/NDF:2592.5/38

All: 56.650+/-0.102 χ^2/NDF: 4943.2/74

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 10.960+/-0.231 χ^2/NDF:1389.2/19

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 10.656+/-0.228 χ^2/NDF:1527.3/18

Left: 10.806+/-0.162 χ^2/NDF: 2917.4/38

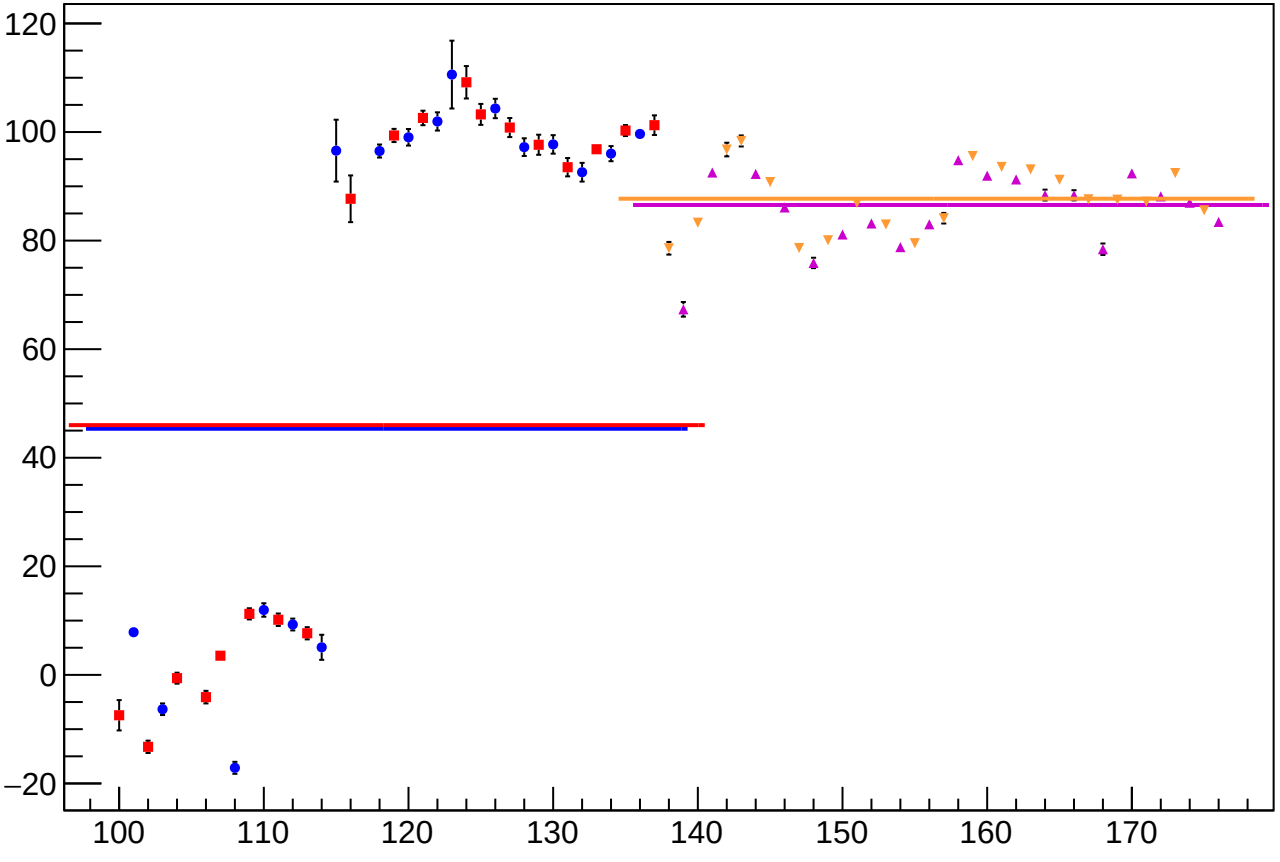
Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 8.924+/-0.204 χ^2/NDF:1941.4/35

Out: 8.676+/-0.203 χ^2/NDF:1967.4/38

All: 8.800+/-0.144 χ^2/NDF: 3909.5/74

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 87.720+/-0.198 χ^2/NDF:851.1/19

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 86.563+/-0.200 χ^2/NDF:937.0/18

Left: 87.149+/-0.141 χ^2/NDF: 1805.0/38

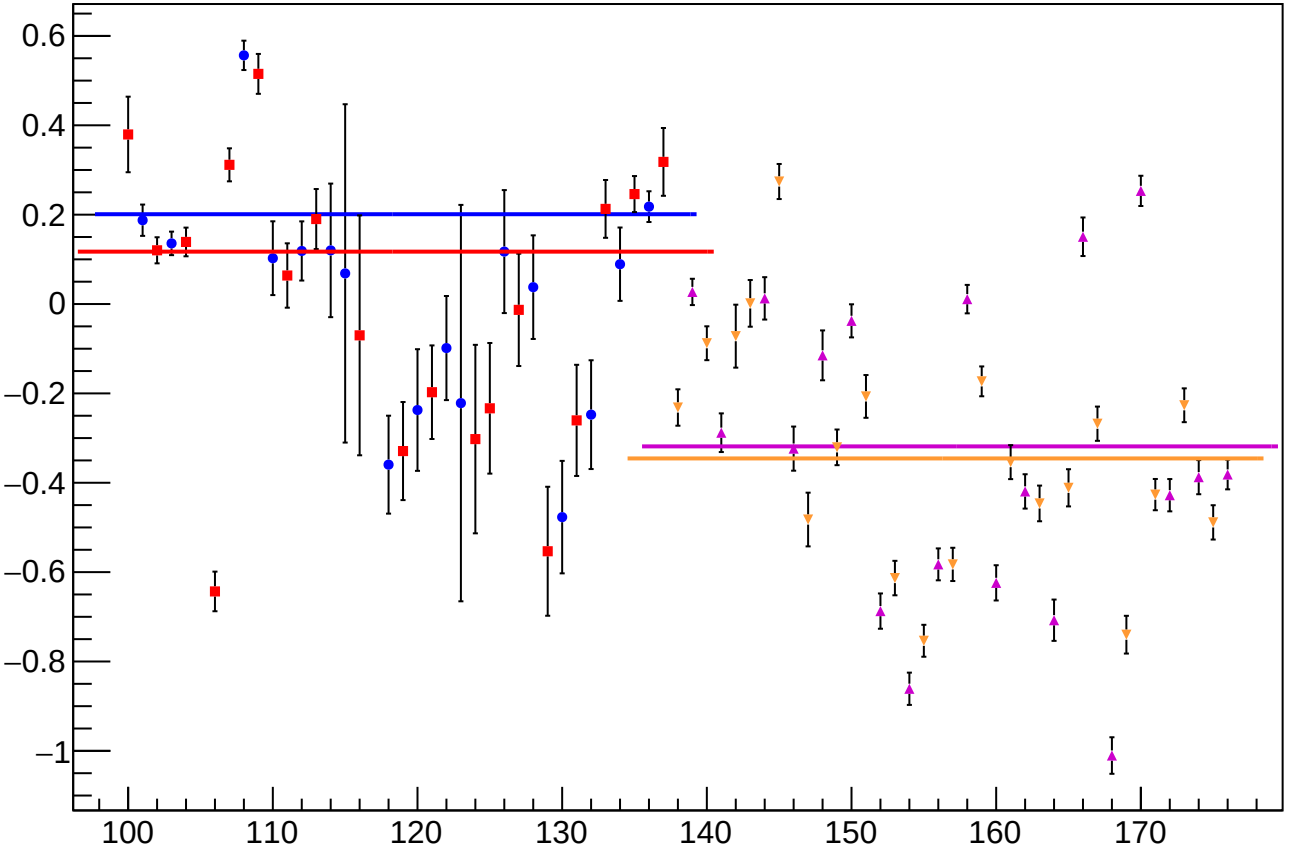
Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 74.052+/-0.167 χ^2/NDF:38877.0/35

Out: 74.466+/-0.163 χ^2/NDF:43238.8/38

All: 74.264+/-0.117 χ^2/NDF: 82118.9/74

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.346+/-0.009 χ^2/NDF:752.0/19

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.319+/-0.009 χ^2/NDF:1576.4/18

Left: -0.332+/-0.006 χ^2/NDF: 2333.0/38

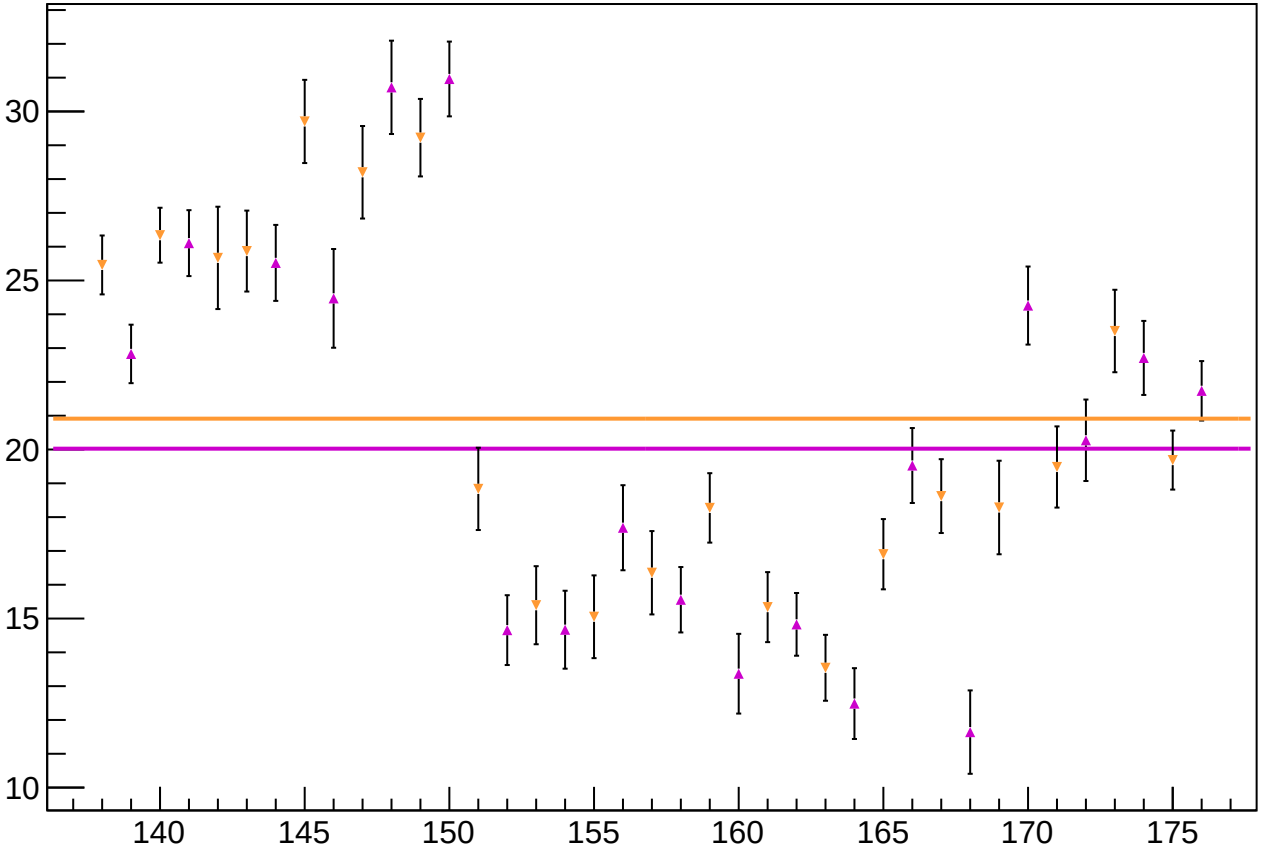
Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: -0.172+/-0.007 χ^2/NDF:2778.3/35

Out: -0.195+/-0.007 χ^2/NDF:2105.5/38

All: -0.184+/-0.005 χ^2/NDF: 4888.7/74

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 20.913+/-0.246 χ^2/NDF:416.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 20.025+/-0.248 χ^2/NDF:498.4/18

Left: 20.474+/-0.175 χ^2/NDF: 921.7/38

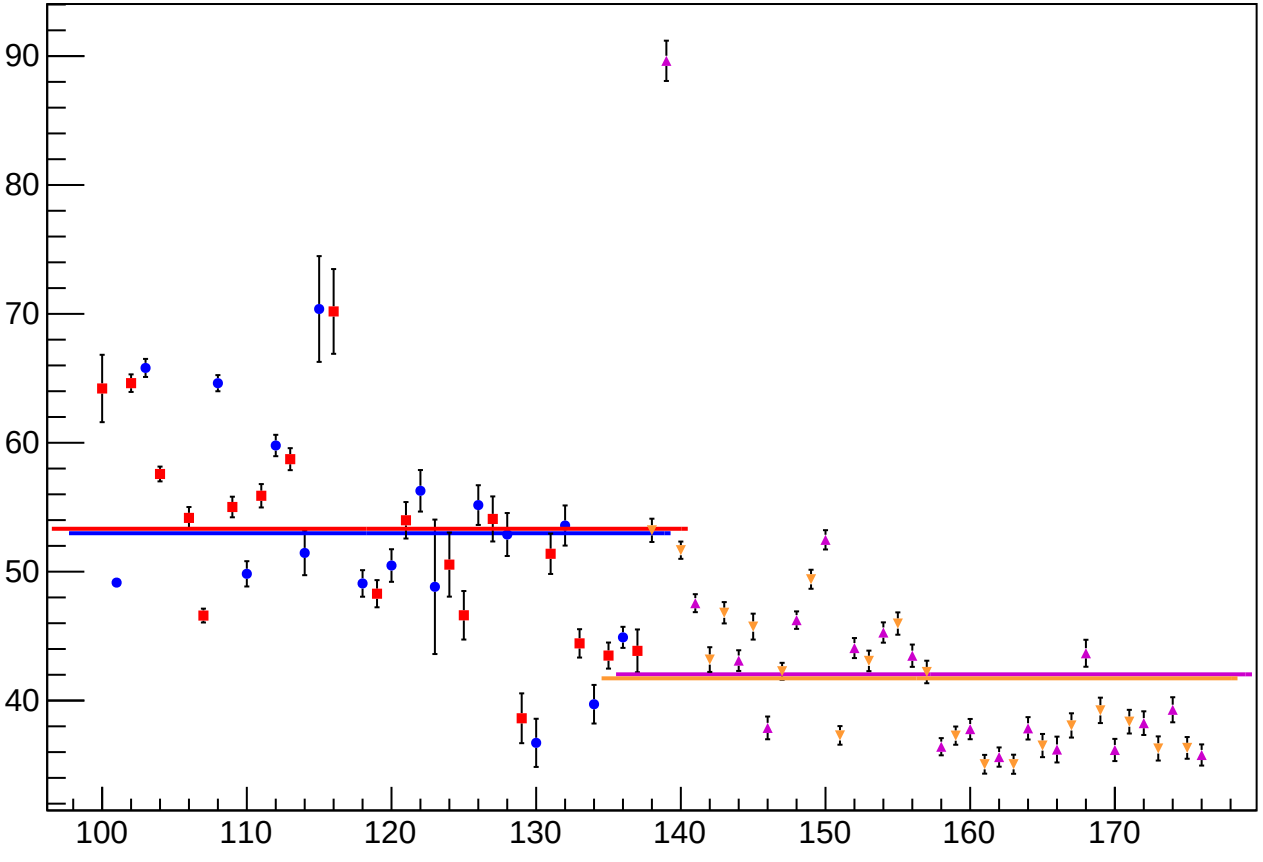
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 20.025+/-0.248 χ^2/NDF:498.4/18

Out: 20.913+/-0.246 χ^2/NDF:416.8/19

All: 20.474+/-0.175 χ^2/NDF: 921.7/38

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 41.724+/-0.182 χ^2/NDF:959.3/19

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 42.033+/-0.190 χ^2/NDF:1636.3/18

Left: 41.873+/-0.131 χ^2/NDF: 2597.0/38

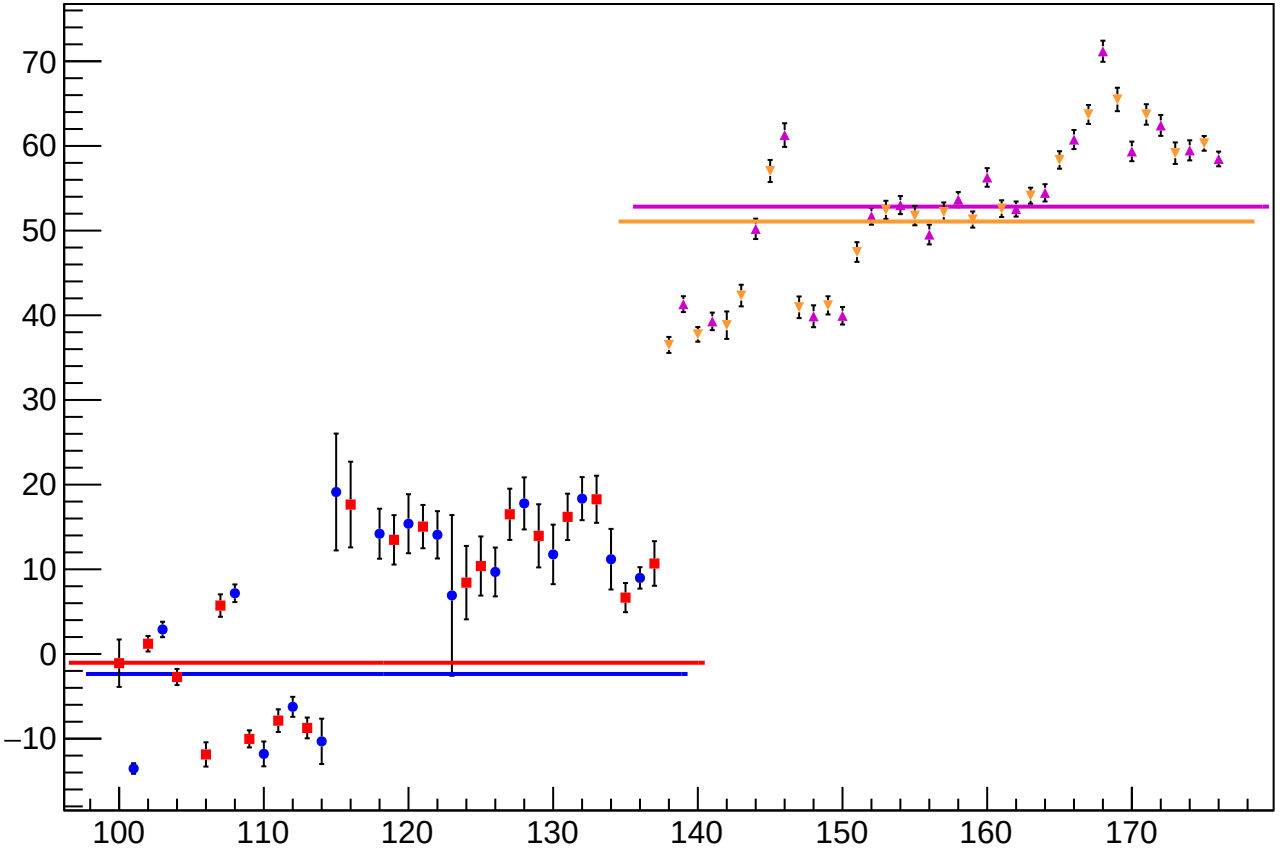
Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 46.945+/-0.141 χ^2/NDF:4330.3/35

Out: 46.278+/-0.142 χ^2/NDF:3424.0/38

All: 46.614+/-0.100 χ^2/NDF: 7765.4/74

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 51.077+/-0.244 χ^2/NDF:1322.2/19

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 52.833+/-0.245 χ^2/NDF:1072.7/18

Left: 51.949+/-0.173 χ^2/NDF: 2420.6/38

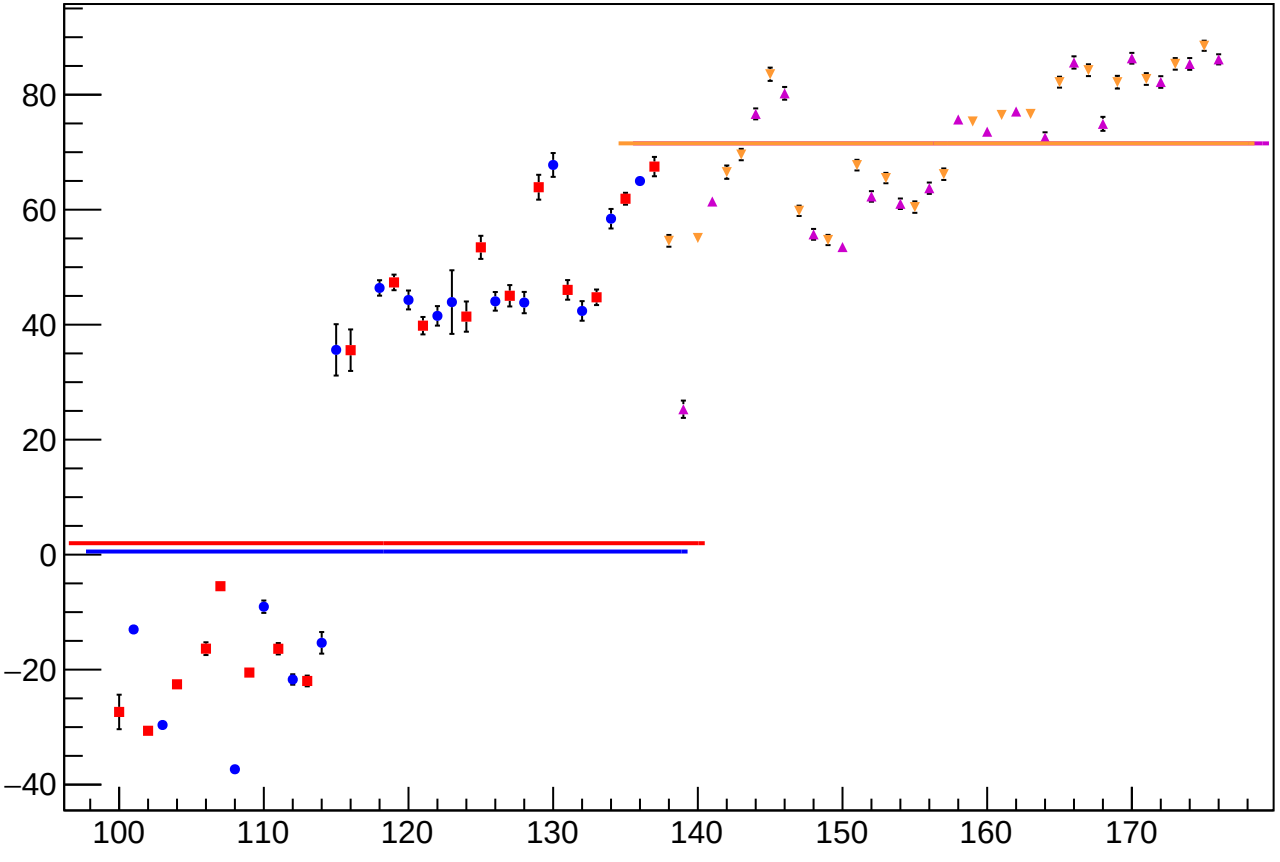
Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 35.571+/-0.203 χ^2/NDF:17731.0/35

Out: 35.696+/-0.205 χ^2/NDF:15303.9/38

All: 35.633+/-0.144 χ^2/NDF: 33035.1/74

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 71.537+/-0.208 χ^2/NDF:2719.2/19

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 71.534+/-0.214 χ^2/NDF:3284.1/18

Left: 71.536+/-0.149 χ^2/NDF: 6003.3/38

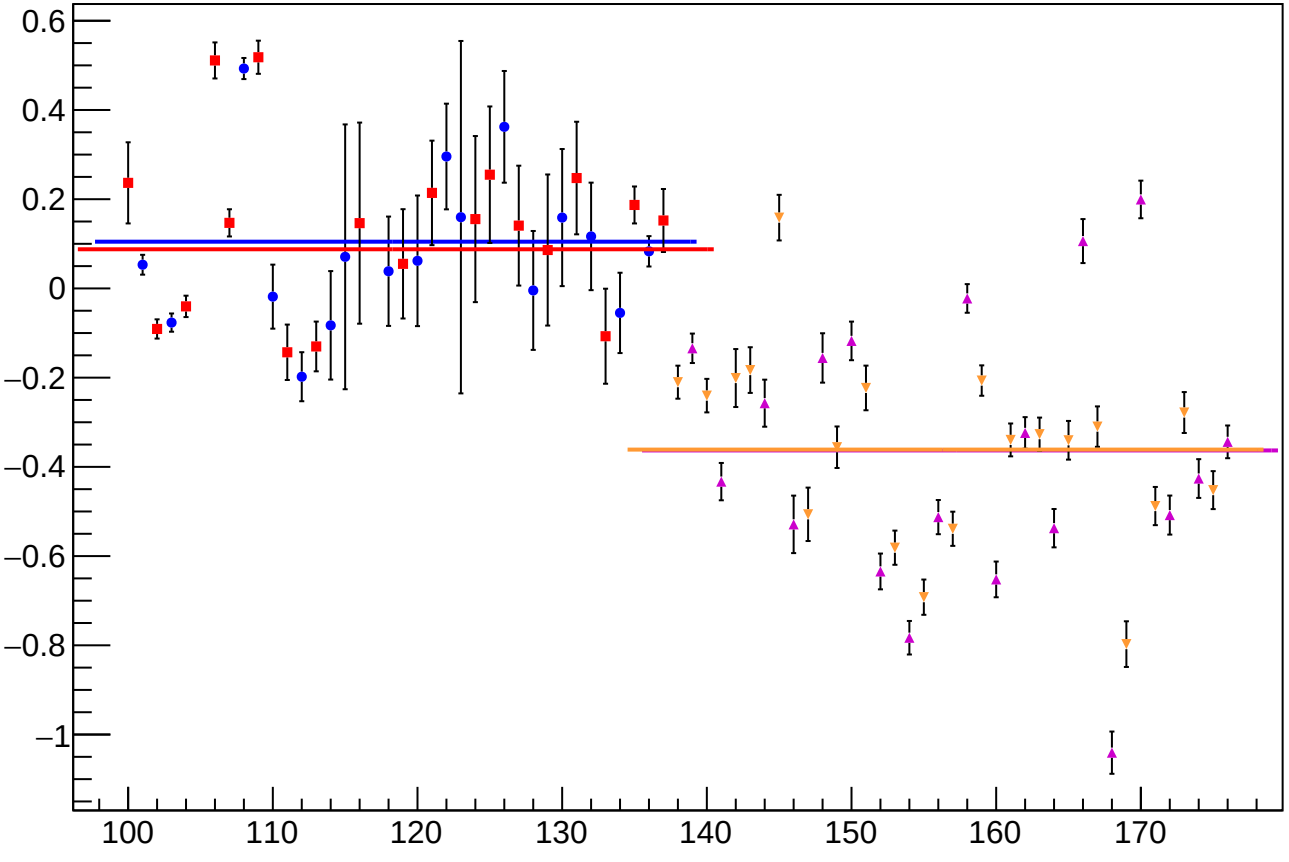
Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 41.029+/-0.162 χ^2/NDF:68934.1/35

Out: 45.207+/-0.164 χ^2/NDF:60509.7/38

All: 43.089+/-0.115 χ^2/NDF: 129772.9/74

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.361+/-0.010 χ^2/NDF:399.2/19

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.363+/-0.009 χ^2/NDF:962.6/18

Left: -0.362+/-0.007 χ^2/NDF: 1361.8/38

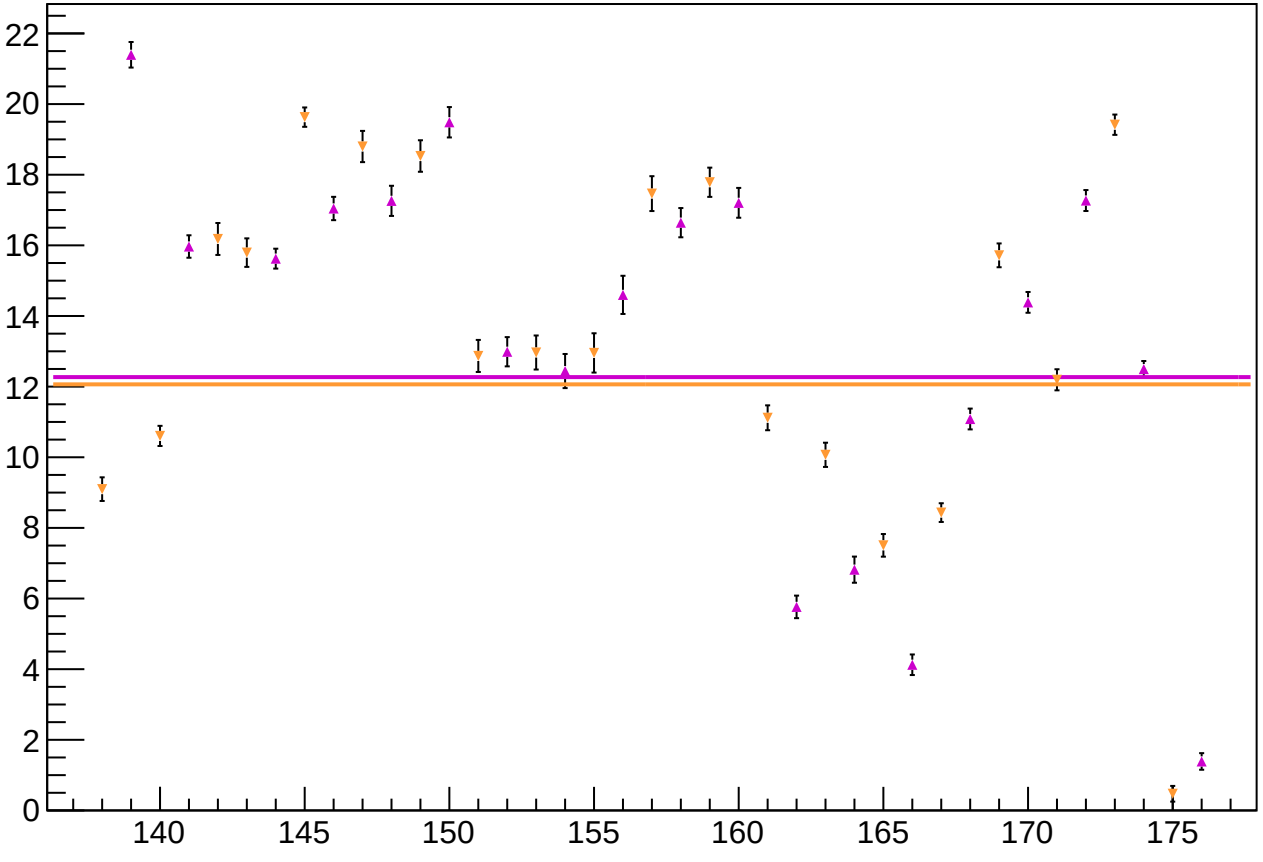
Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: -0.164+/-0.007 χ^2/NDF:2397.7/35

Out: -0.167+/-0.007 χ^2/NDF:1736.8/38

All: -0.166+/-0.005 χ^2/NDF: 4134.6/74

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 12.064+/-0.076 χ^2/NDF:5716.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 12.270+/-0.075 χ^2/NDF:5720.3/18

Left: 12.168+/-0.054 χ^2/NDF: 11440.3/38

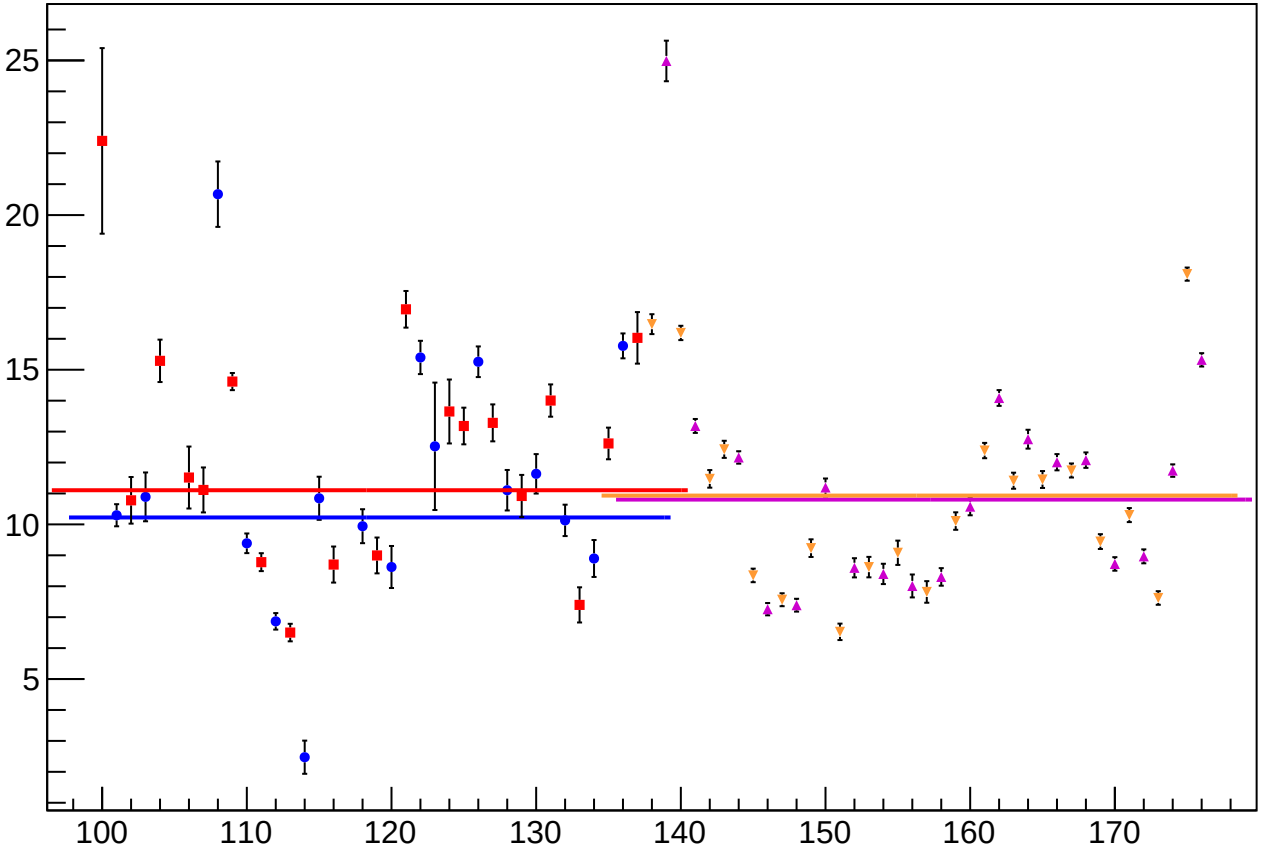
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 12.270+/-0.075 χ^2/NDF:5720.3/18

Out: 12.064+/-0.076 χ^2/NDF:5716.4/19

All: 12.168+/-0.054 χ^2/NDF: 11440.3/38

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 10.931+/-0.057 χ^2/NDF:3170.6/19

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 10.802+/-0.057 χ^2/NDF:2324.0/18

Left: 10.867+/-0.041 χ^2/NDF: 5497.2/38

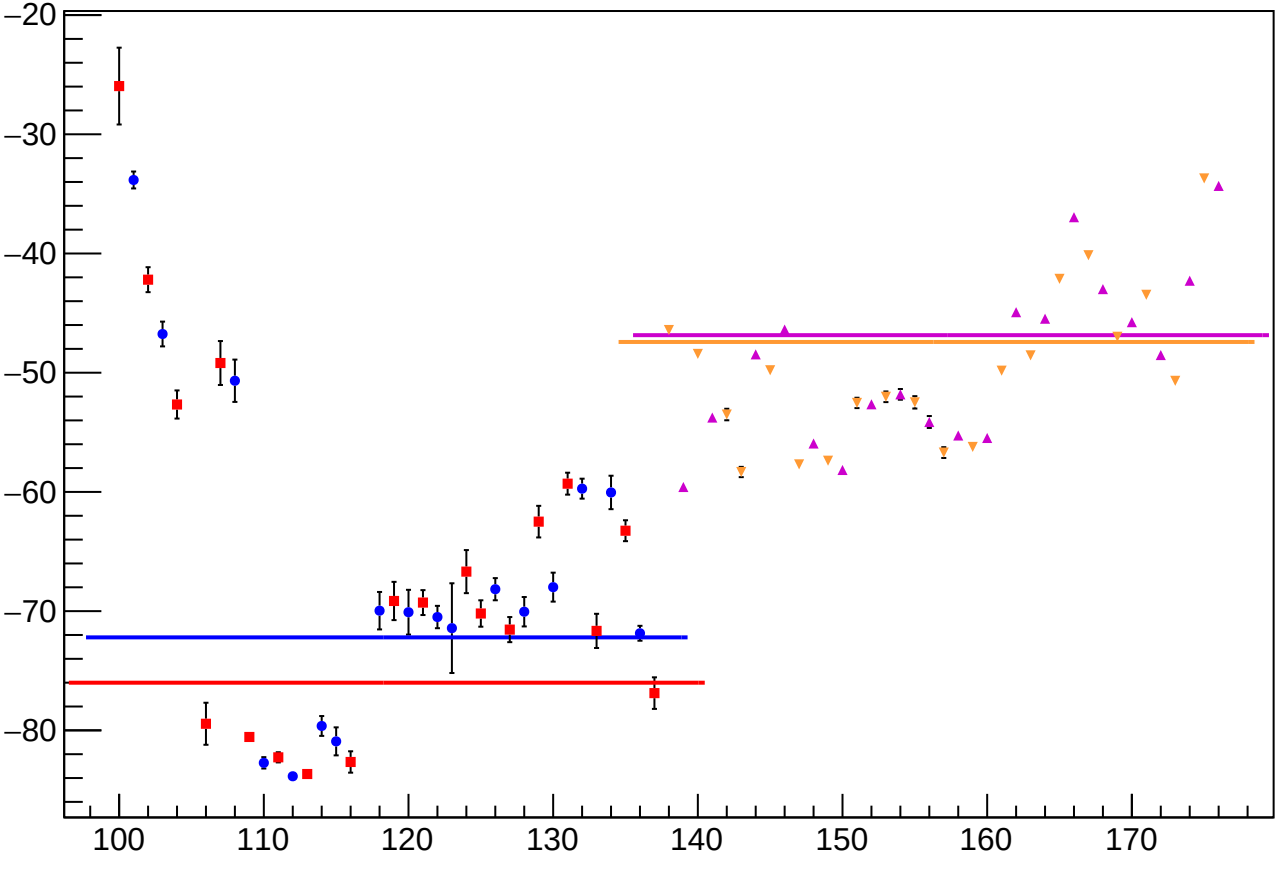
Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 10.692+/-0.052 χ^2/NDF:3220.7/35

Out: 10.965+/-0.051 χ^2/NDF:3989.6/38

All: 10.830+/-0.036 χ^2/NDF: 7224.3/74

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -47.420+/-0.077 χ^2/NDF:8488.6/19

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -46.851+/-0.076 χ^2/NDF:8940.6/18

Left: -47.131+/-0.054 χ^2/NDF: 17457.2/38

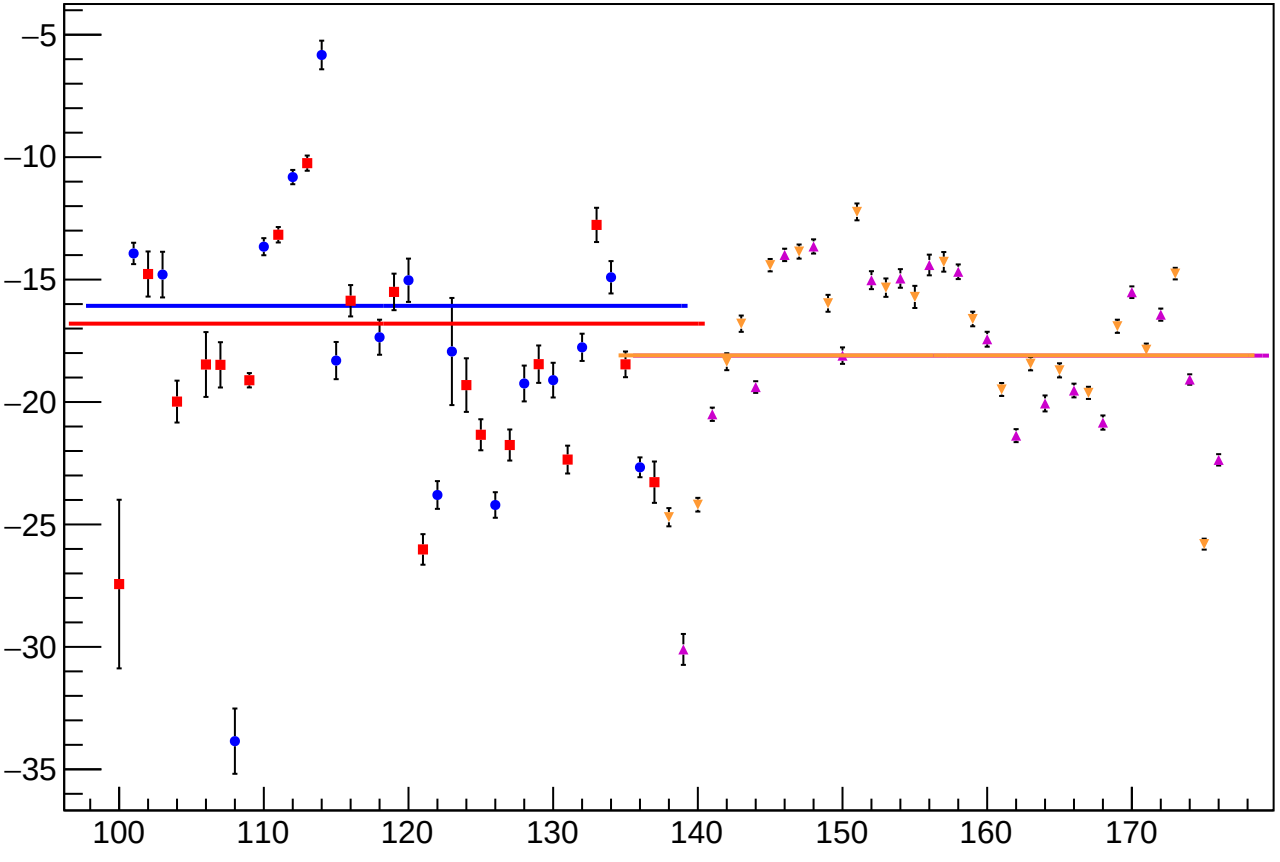
Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -50.079+/-0.071 χ^2/NDF:28856.6/35

Out: -51.785+/-0.071 χ^2/NDF:33098.8/38

All: -50.930+/-0.050 χ^2/NDF: 62247.0/74

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -18.095+/-0.065 χ^2/NDF:3238.1/19

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -18.105+/-0.065 χ^2/NDF:2142.0/18

Left: -18.100+/-0.046 χ^2/NDF: 5380.1/38

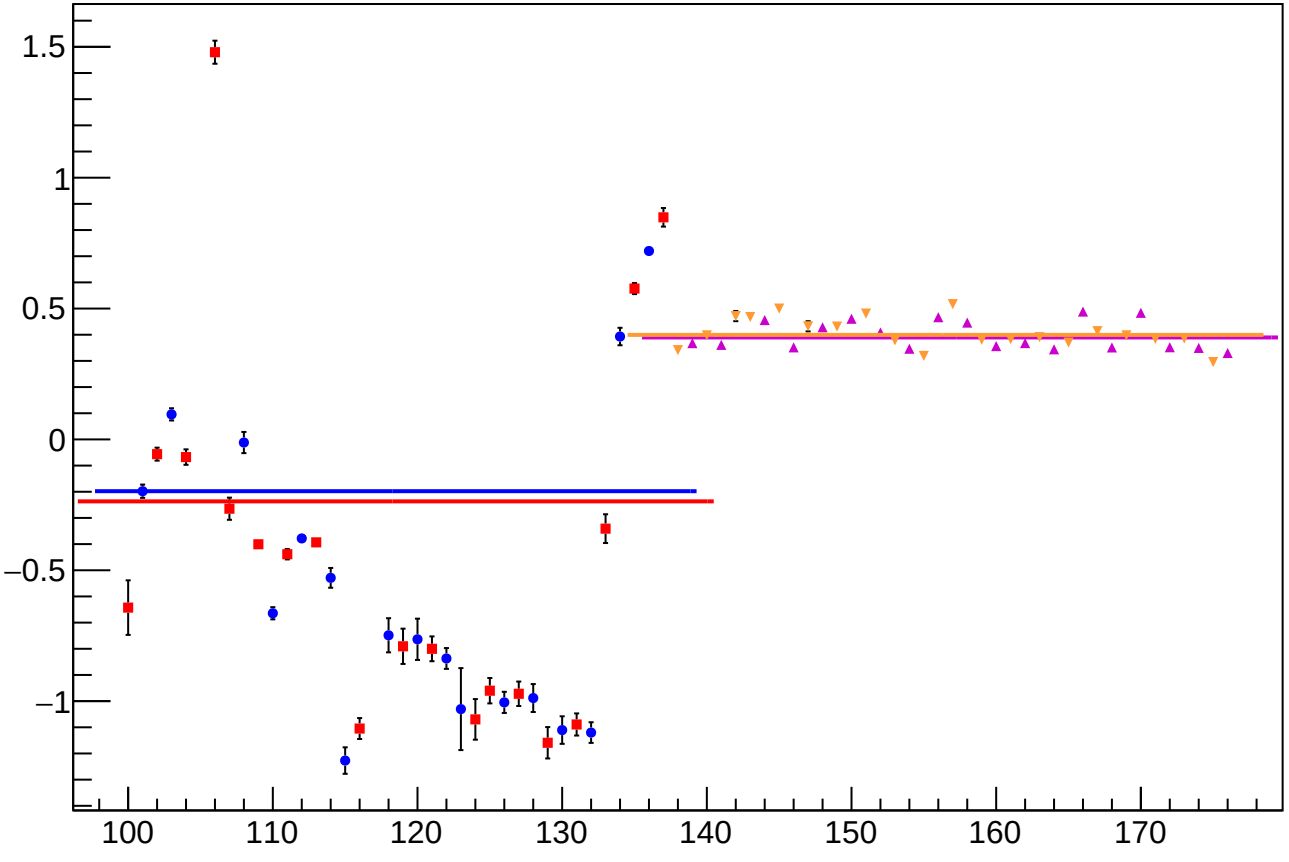
Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -17.706+/-0.059 χ^2/NDF:3973.1/35

Out: -17.828+/-0.058 χ^2/NDF:4535.1/38

All: -17.767+/-0.041 χ^2/NDF: 8510.3/74

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.399+/-0.003 χ^2/NDF:336.4/19

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.390+/-0.003 χ^2/NDF:341.1/18

Left: 0.394+/-0.002 χ^2/NDF: 682.9/38

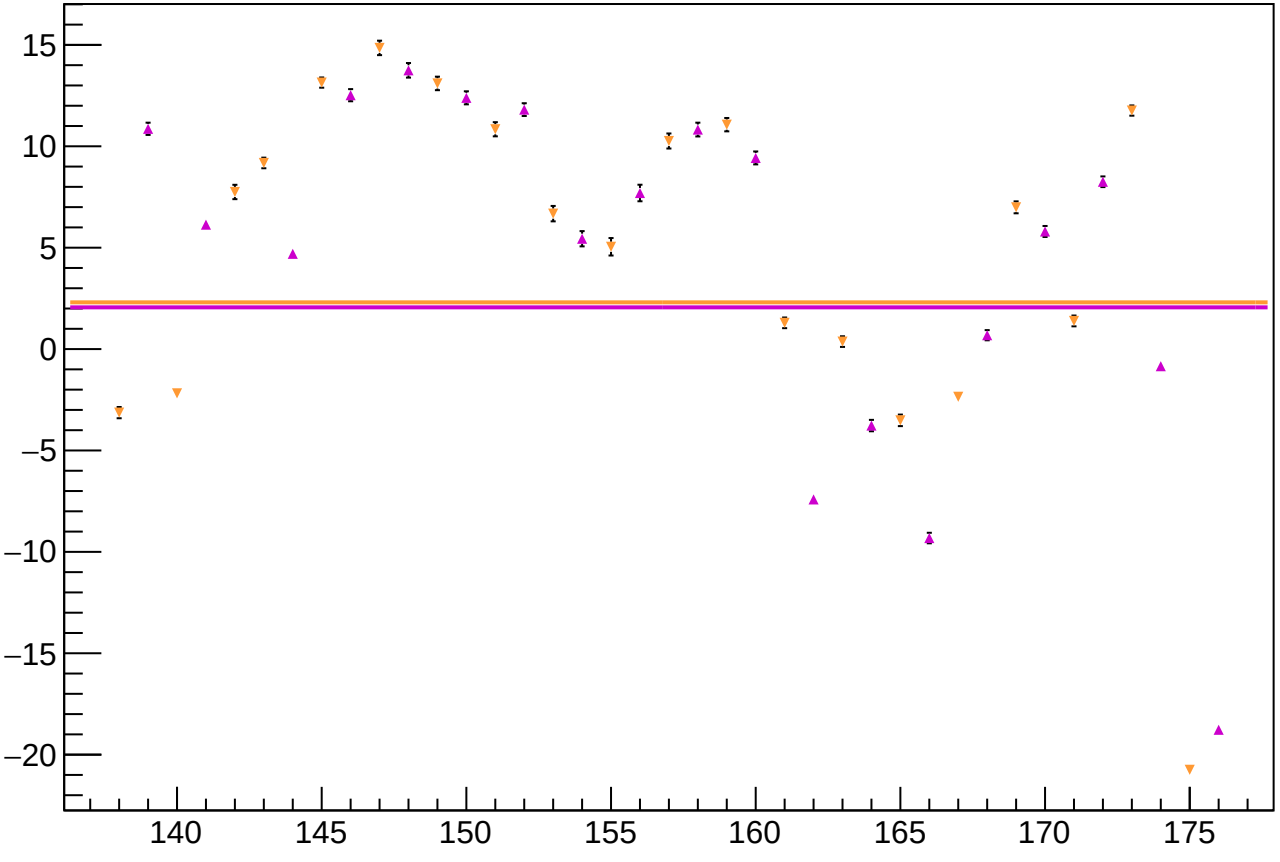
Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.311+/-0.003 χ^2/NDF:11944.0/35

Out: 0.302+/-0.003 χ^2/NDF:13226.5/38

All: 0.307+/-0.002 χ^2/NDF: 25175.5/74

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2.305+/-0.063 χ^2/NDF:23946.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 2.058+/-0.063 χ^2/NDF:21485.3/18

Left: 2.182+/-0.045 χ^2/NDF: 45439.0/38

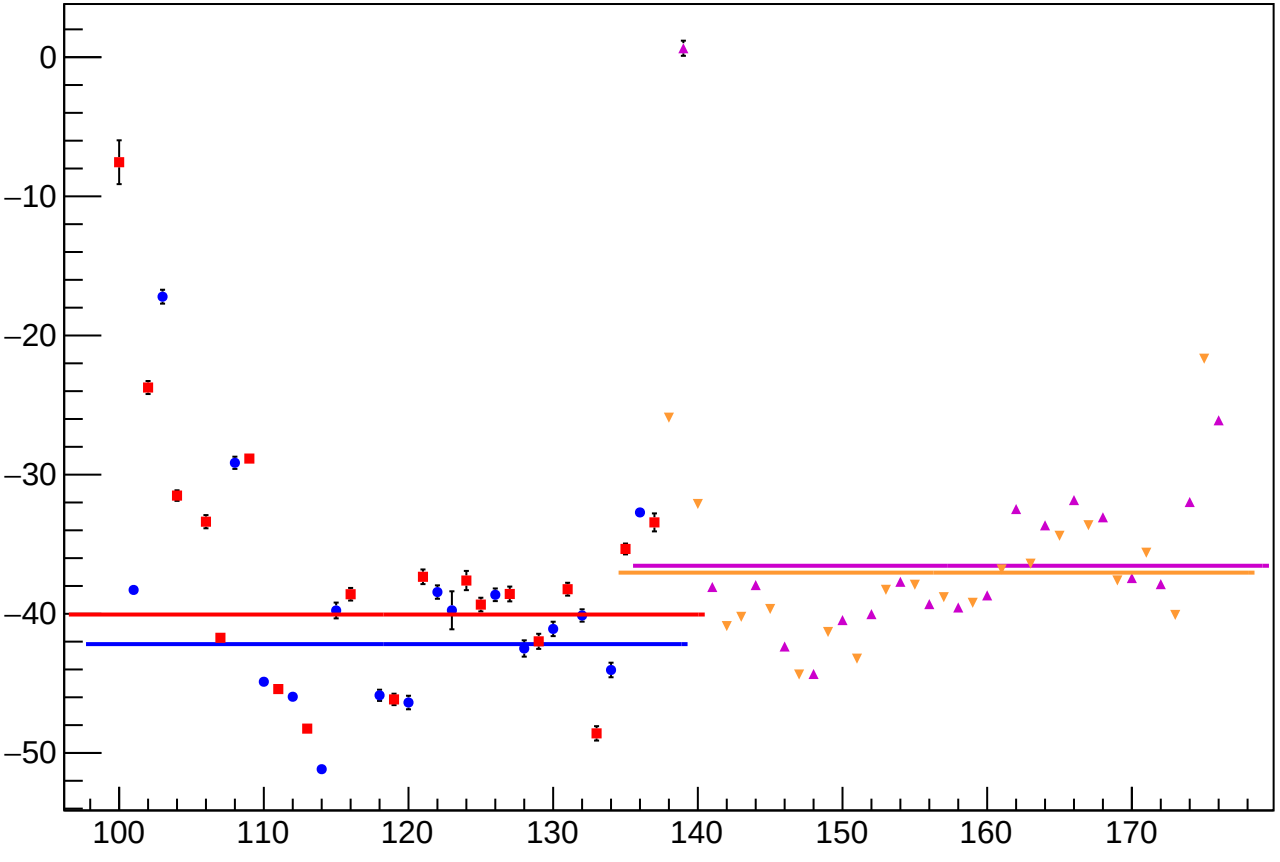
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.058+/-0.063 χ^2/NDF:21485.3/18

Out: 2.305+/-0.063 χ^2/NDF:23946.1/19

All: 2.182+/-0.045 χ^2/NDF: 45439.0/38

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -37.042+/-0.047 χ^2/NDF:13855.3/19

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -36.547+/-0.048 χ^2/NDF:13513.6/18

Left: -36.801+/-0.034 χ^2/NDF: 27423.1/38

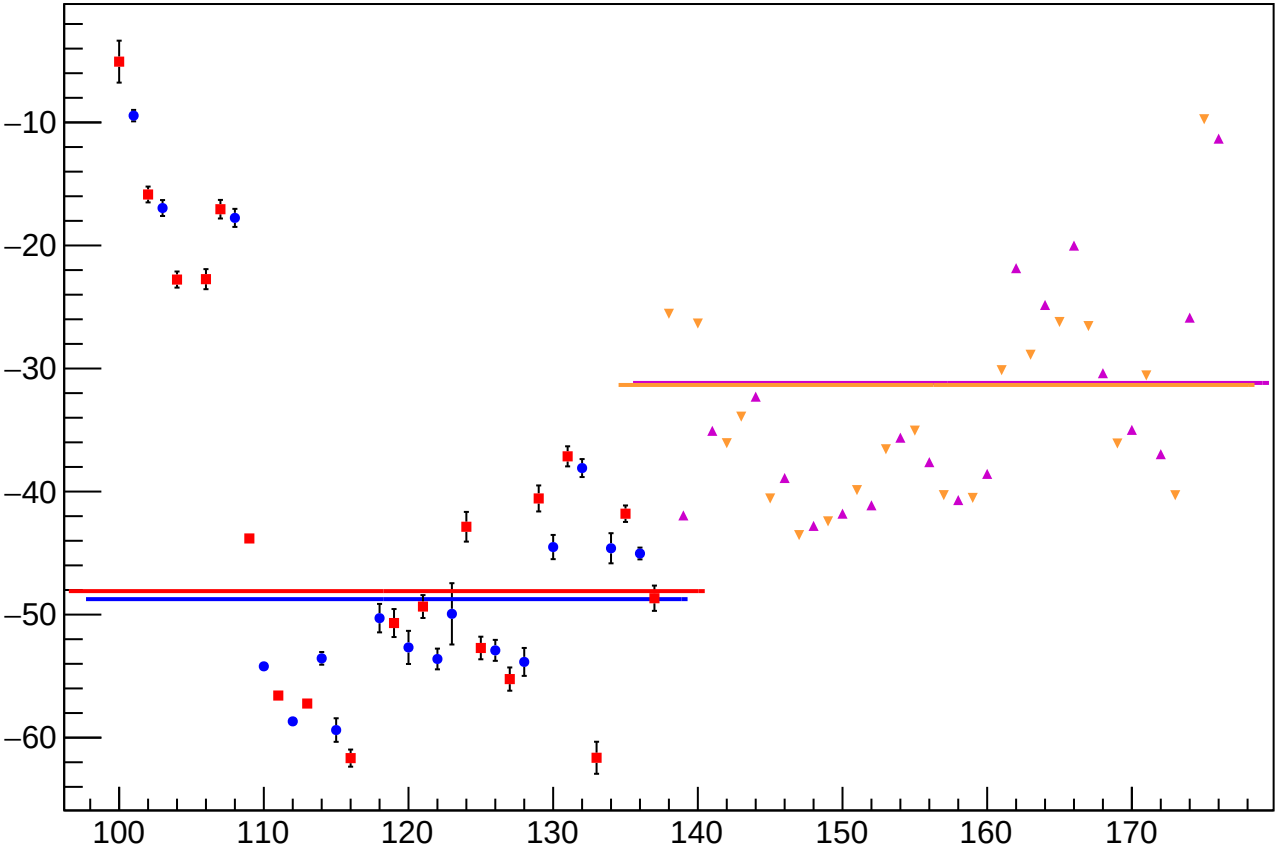
Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -38.107+/-0.041 χ^2/NDF:23879.4/35

Out: -37.923+/-0.039 χ^2/NDF:26378.9/38

All: -38.011+/-0.028 χ^2/NDF: 50268.7/74

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -31.336+/-0.063 χ^2/NDF:21538.9/19

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -31.172+/-0.063 χ^2/NDF:21672.2/18

Left: -31.254+/-0.045 χ^2/NDF: 43214.5/38

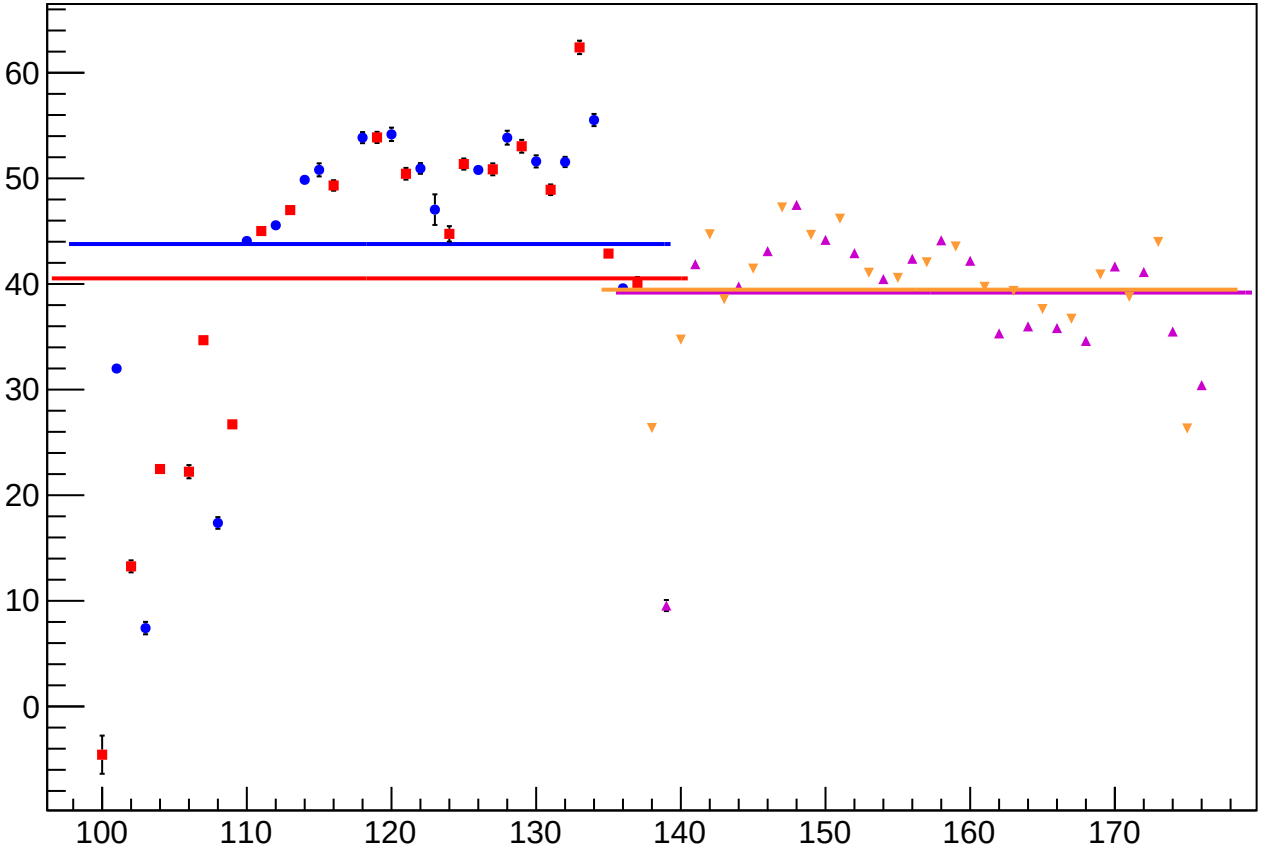
Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -34.766+/-0.056 χ^2/NDF:52193.7/35

Out: -35.649+/-0.054 χ^2/NDF:51403.7/38

All: -35.222+/-0.039 χ^2/NDF: 103724.7/74

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 39.463+/-0.053 χ^2/NDF:10366.8/19

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 39.187+/-0.055 χ^2/NDF:9451.0/18

Left: 39.328+/-0.038 χ^2/NDF: 19830.8/38

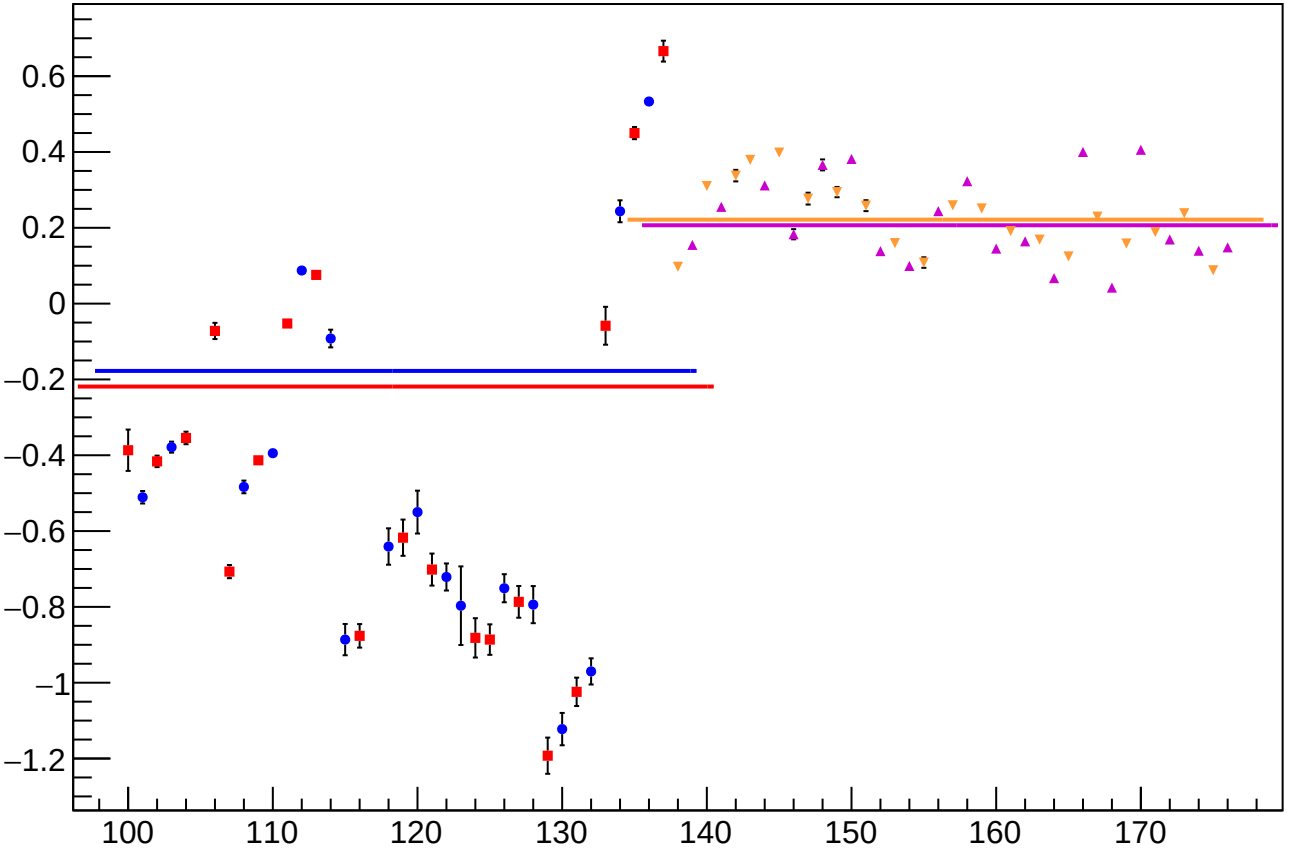
Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 40.492+/-0.046 χ^2/NDF:22104.4/35

Out: 39.792+/-0.044 χ^2/NDF:28070.2/38

All: 40.129+/-0.032 χ^2/NDF: 50294.0/74

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.221+/-0.002 χ^2/NDF:1229.8/19

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.207+/-0.002 χ^2/NDF:1968.5/18

Left: 0.214+/-0.002 χ^2/NDF: 3216.1/38

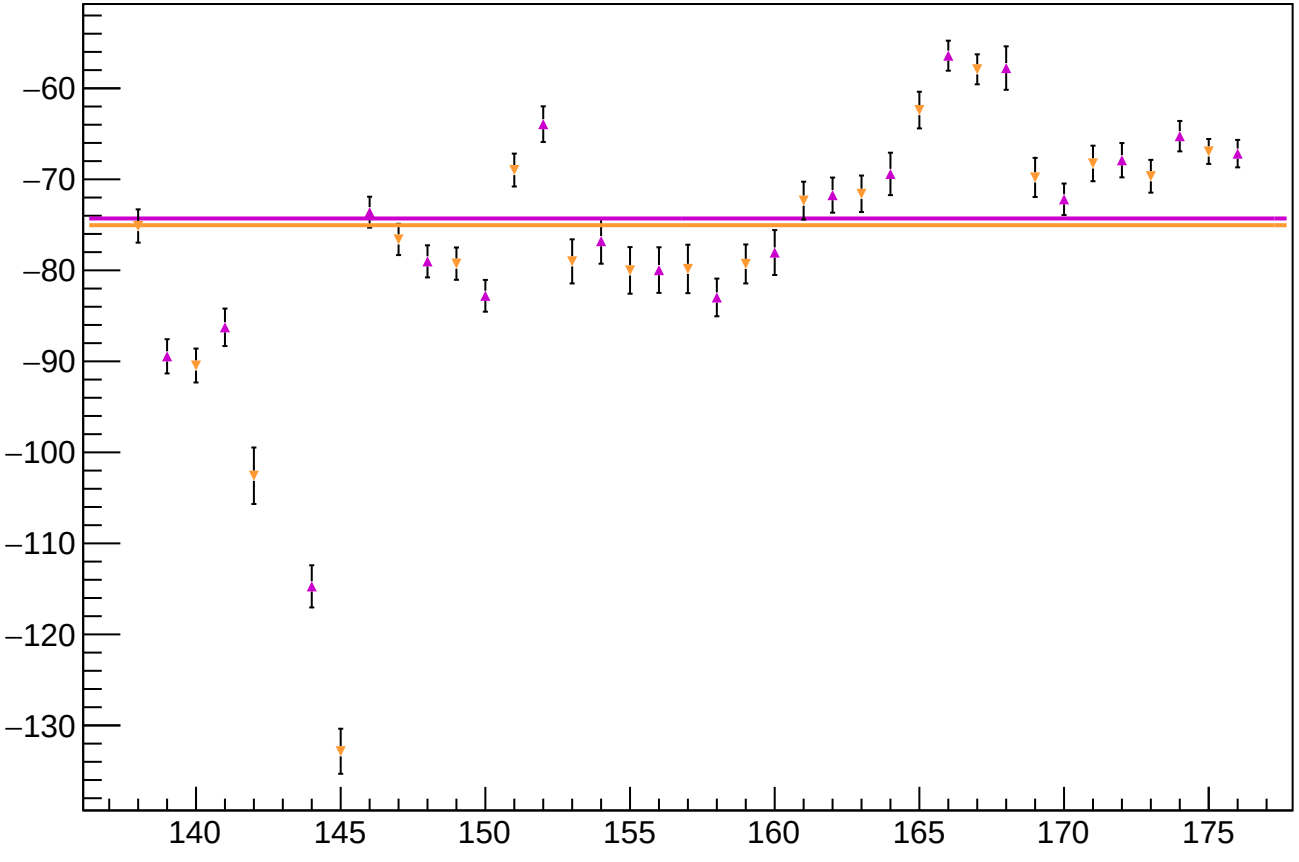
Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: 0.127+/-0.002 χ^2/NDF:14354.1/35

Out: 0.110+/-0.002 χ^2/NDF:16537.8/38

All: 0.119+/-0.002 χ^2/NDF: 30921.9/74

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -75.042+/-0.451 χ^2/NDF:937.8/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -74.301+/-0.443 χ^2/NDF:724.0/18

Left: -74.665+/-0.316 χ^2/NDF: 1663.1/37

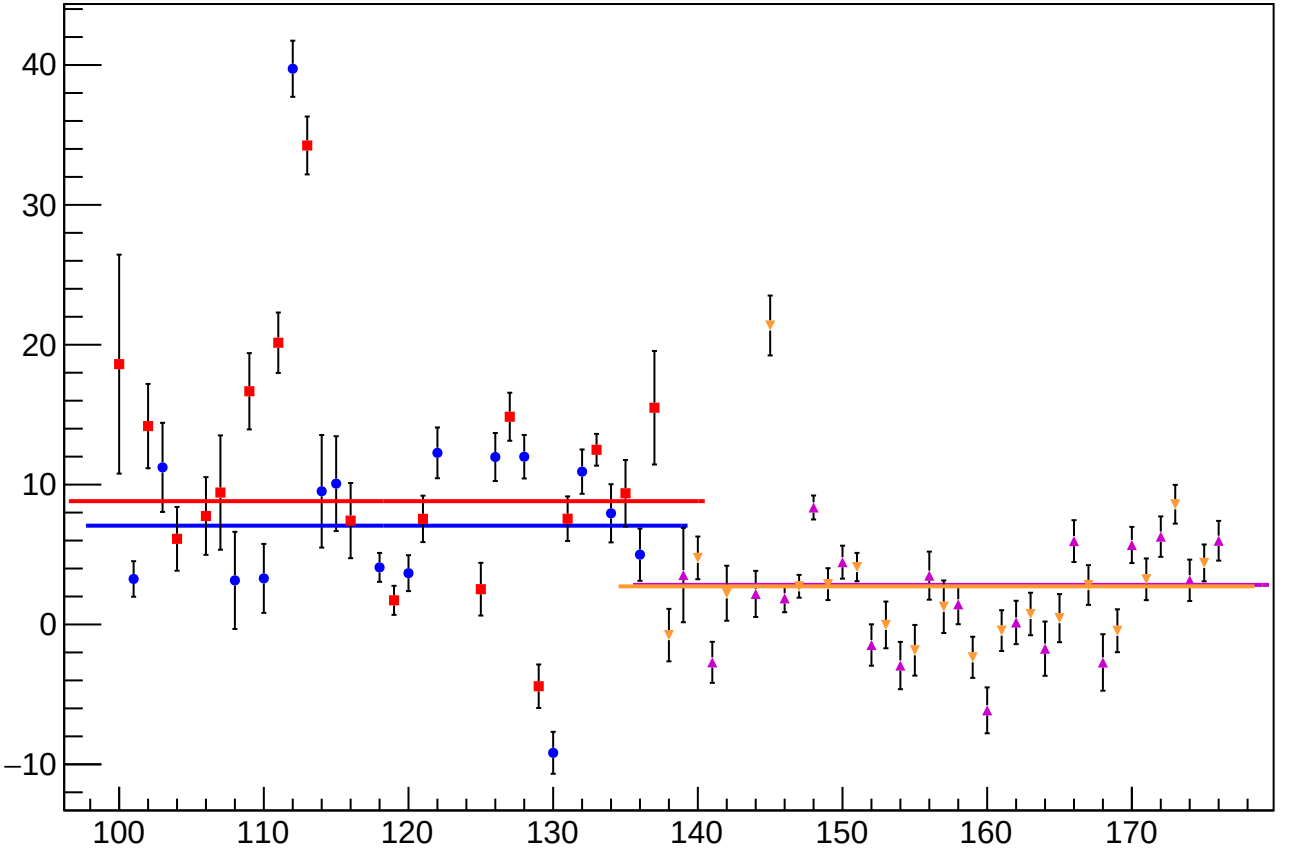
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -74.301+/-0.443 χ^2/NDF:724.0/18

Out: -75.042+/-0.451 χ^2/NDF:937.8/18

All: -74.665+/-0.316 χ^2/NDF: 1663.1/37

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.725+/-0.323 χ^2/NDF:136.9/18

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 2.831+/-0.326 χ^2/NDF:146.1/18

Left: 2.778+/-0.229 χ^2/NDF: 283.0/37

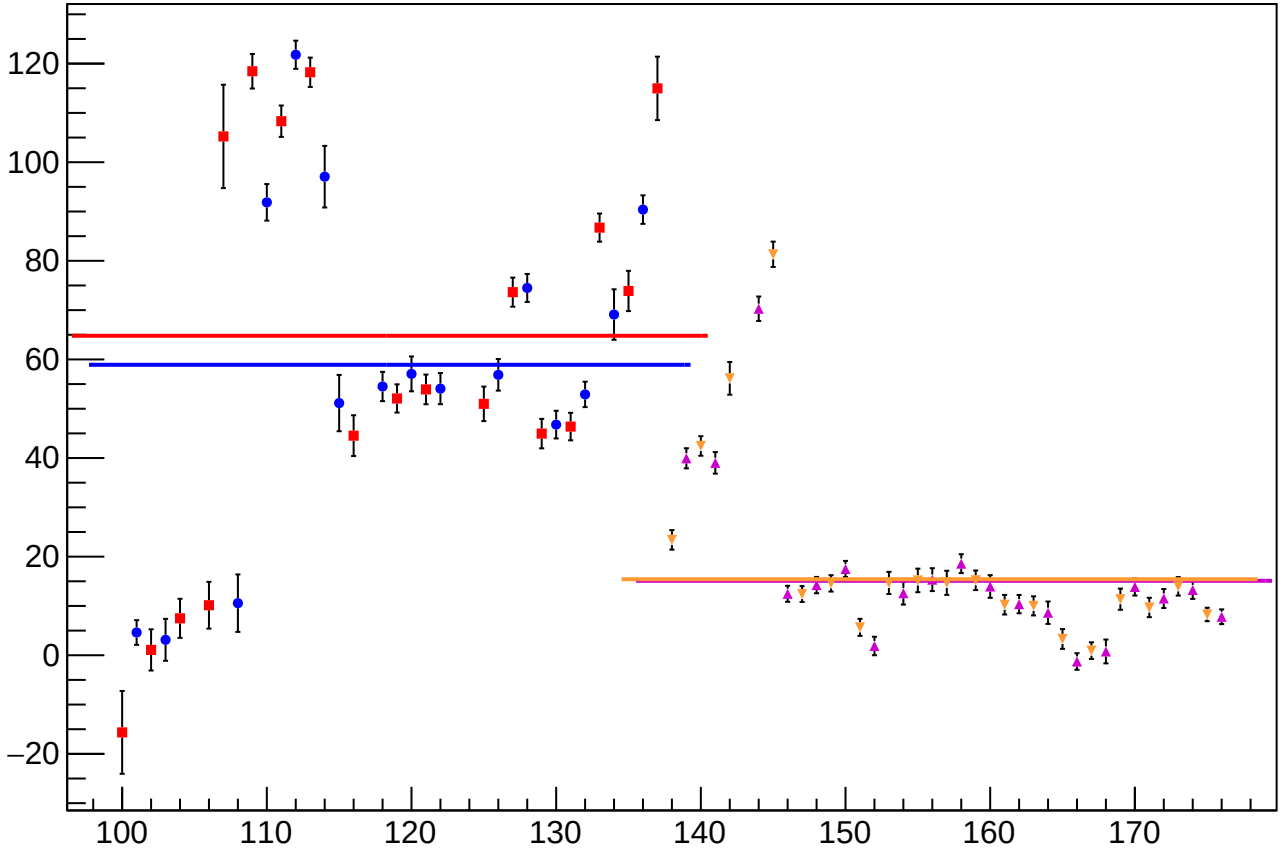
Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 4.357+/-0.260 χ^2/NDF:653.9/34

Out: 4.806+/-0.262 χ^2/NDF:608.4/36

All: 4.579+/-0.185 χ^2/NDF: 1263.8/71

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 15.420+/-0.445 χ^2/NDF:1211.2/18

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 15.101+/-0.438 χ^2/NDF:997.0/18

Left: 15.258+/-0.312 χ^2/NDF: 2208.5/37

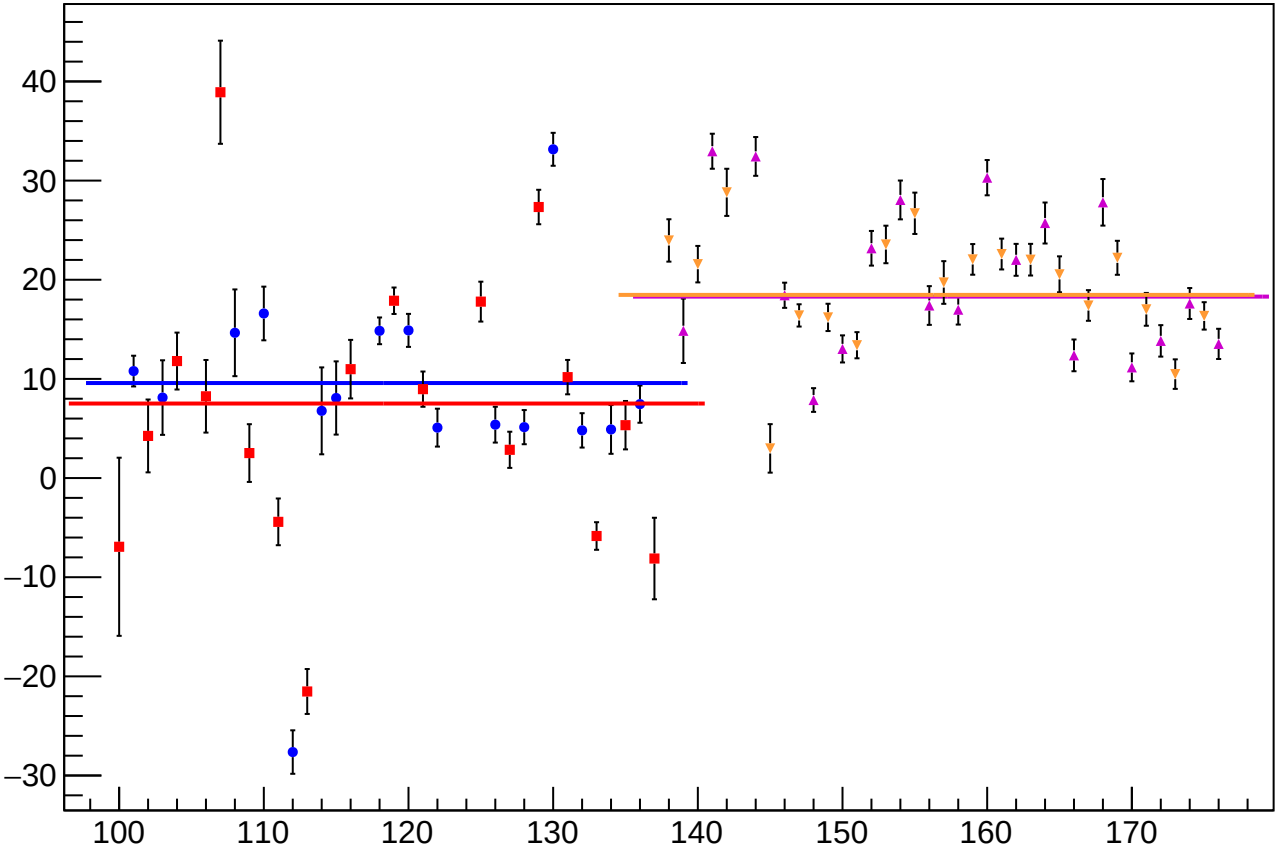
Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 24.611+/-0.387 χ^2/NDF:4667.8/34

Out: 26.241+/-0.393 χ^2/NDF:5626.7/36

All: 25.414+/-0.276 χ^2/NDF: 10303.2/71

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 18.472+/-0.375 χ^2/NDF:168.3/18

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 18.300+/-0.376 χ^2/NDF:384.3/18

Left: 18.386+/-0.266 χ^2/NDF: 552.6/37

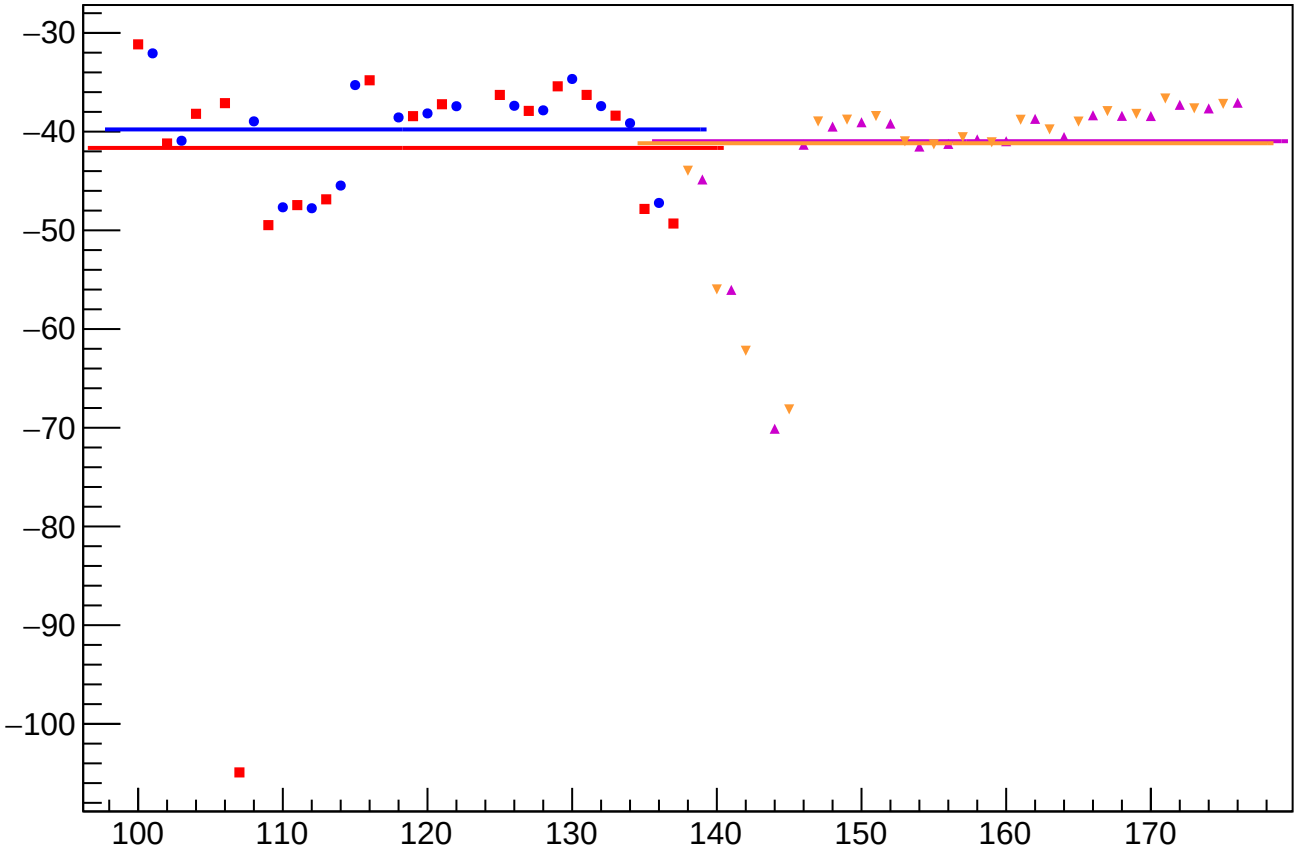
Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 15.161+/-0.301 χ^2/NDF:1132.3/34

Out: 14.680+/-0.303 χ^2/NDF:1033.3/36

All: 14.923+/-0.214 χ^2/NDF: 2166.8/71

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -41.176+/-0.018 χ^2/NDF:145229.0/18

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -40.970+/-0.017 χ^2/NDF:118955.8/18

Left: -41.070+/-0.012 χ^2/NDF: 264253.9/37

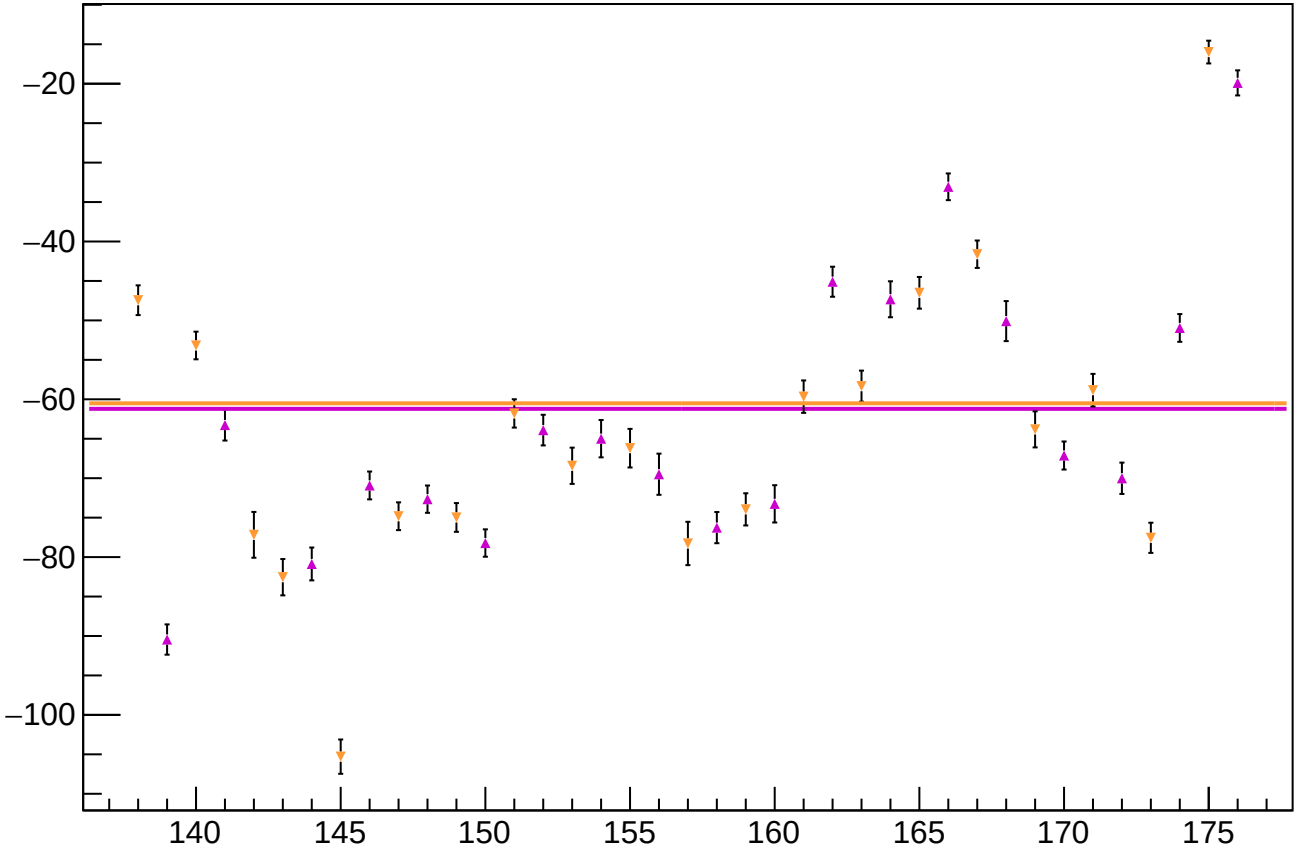
Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -40.688+/-0.015 χ^2/NDF:146240.8/34

Out: -41.293+/-0.015 χ^2/NDF:239861.1/36

All: -40.984+/-0.011 χ^2/NDF: 386884.8/71

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -60.509+/-0.445 χ^2/NDF:2048.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -61.210+/-0.446 χ^2/NDF:1734.2/18

Left: -60.859+/-0.315 χ^2/NDF: 3783.9/38

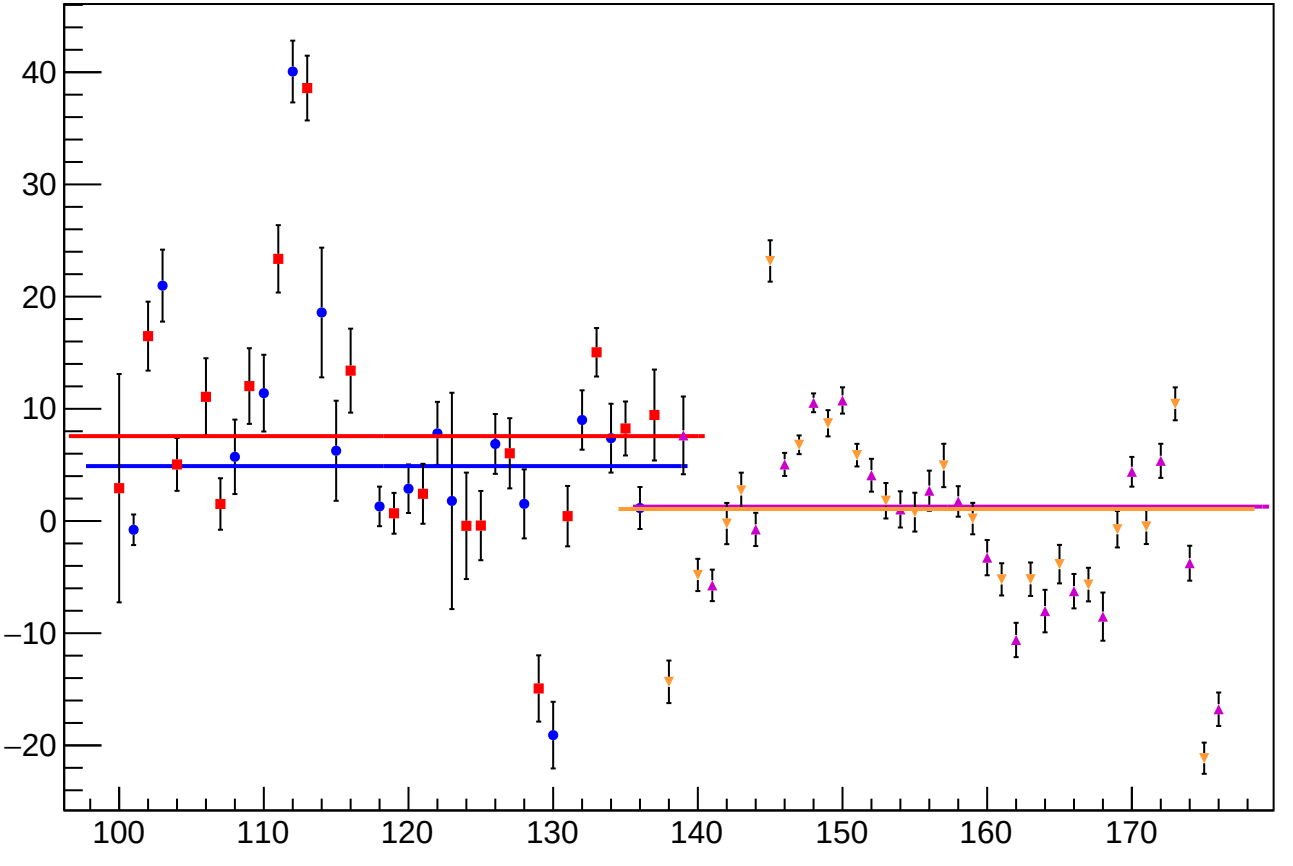
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -61.210+/-0.446 χ^2/NDF:1734.2/18

Out: -60.509+/-0.445 χ^2/NDF:2048.6/19

All: -60.859+/-0.315 χ^2/NDF: 3783.9/38

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 1.070+/-0.318 χ^2/NDF:708.3/19

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: 1.283+/-0.325 χ^2/NDF:542.4/18

Left: 1.174+/-0.227 χ^2/NDF: 1251.0/38

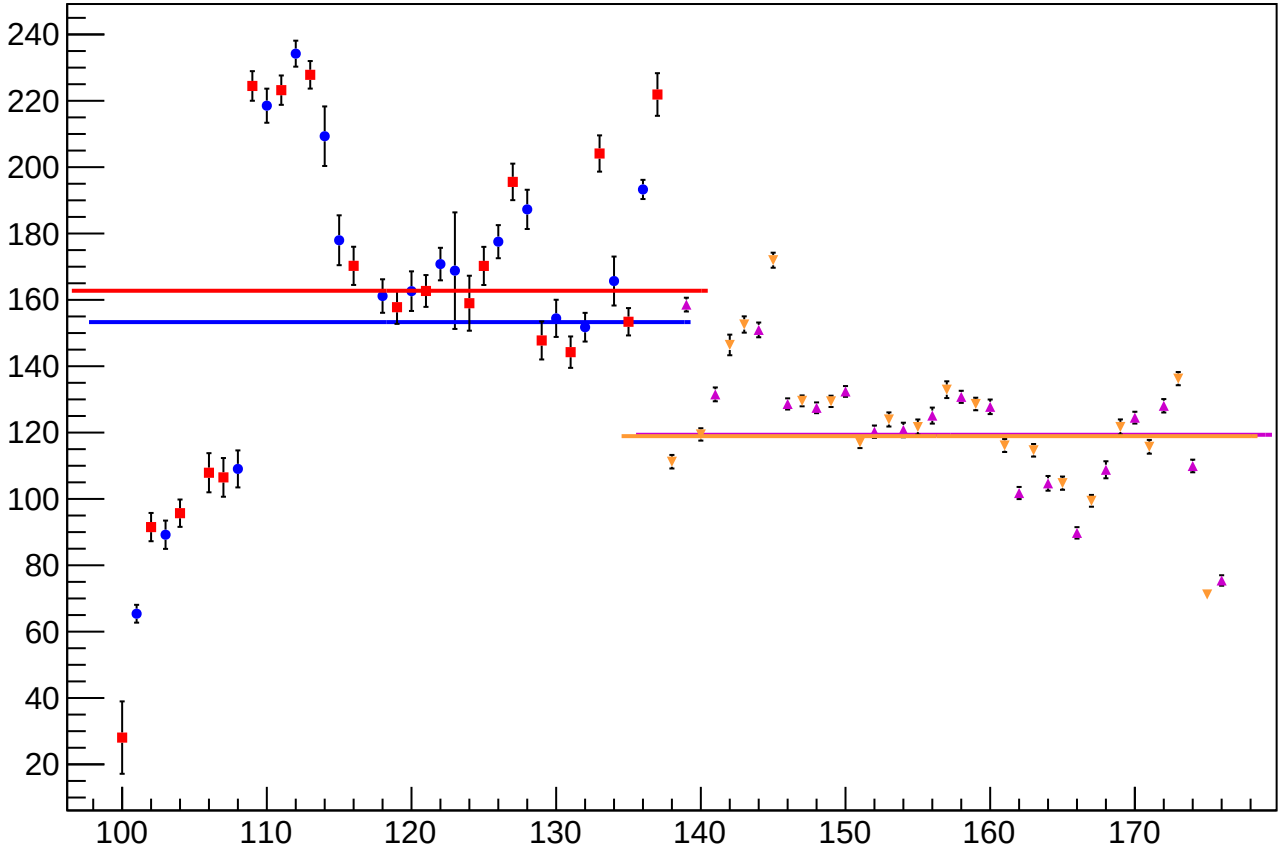
Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: 2.059+/-0.288 χ^2/NDF:864.3/35

Out: 2.319+/-0.286 χ^2/NDF:1058.8/38

All: 2.190+/-0.203 χ^2/NDF: 1923.5/74

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 118.924+/-0.440 χ^2/NDF:2324.2/19

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 119.338+/-0.440 χ^2/NDF:2047.7/18

Left: 119.131+/-0.311 χ^2/NDF: 4372.3/38

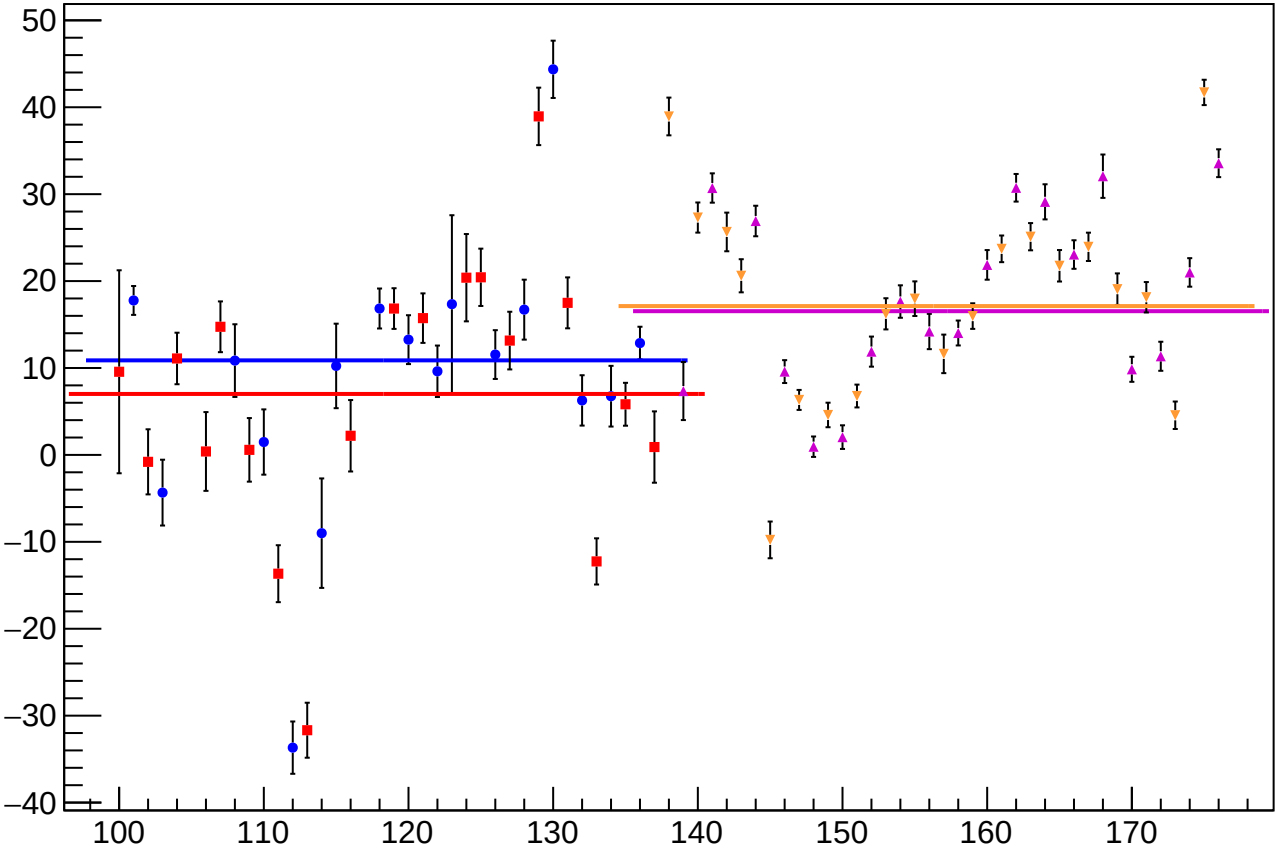
Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 123.705+/-0.410 χ^2/NDF:5081.4/35

Out: 124.311+/-0.413 χ^2/NDF:5249.5/38

All: 124.006+/-0.291 χ^2/NDF: 10332.0/74

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 17.123+/-0.369 χ^2/NDF:969.3/19

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 16.537+/-0.376 χ^2/NDF:777.2/18

Left: 16.835+/-0.263 χ^2/NDF: 1747.8/38

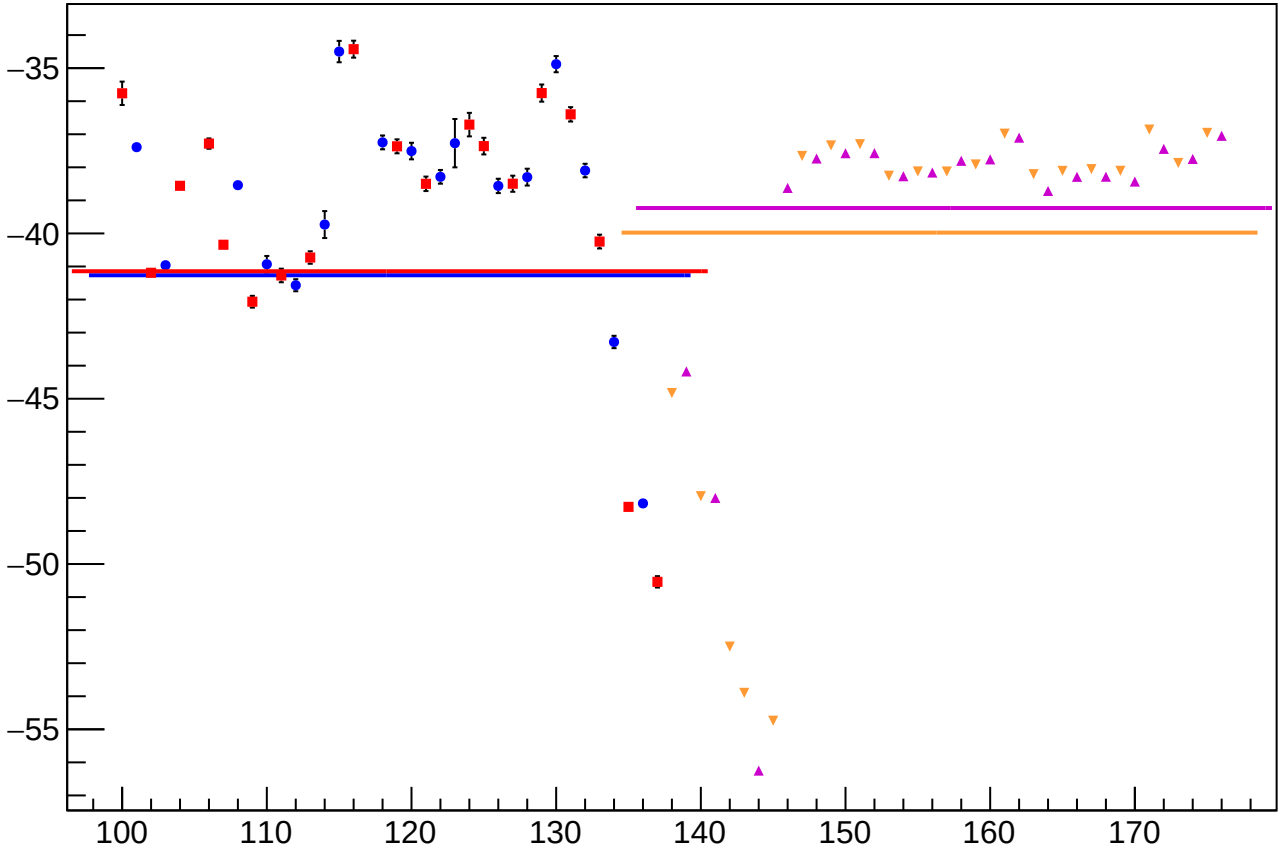
Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 15.307+/-0.333 χ^2/NDF:1214.5/35

Out: 15.141+/-0.331 χ^2/NDF:1540.7/38

All: 15.224+/-0.235 χ^2/NDF: 2755.3/74

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -39.975+/-0.018 χ^2/NDF:84589.4/19

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -39.231+/-0.017 χ^2/NDF:51917.1/18

Left: -39.598+/-0.012 χ^2/NDF: 137412.7/38

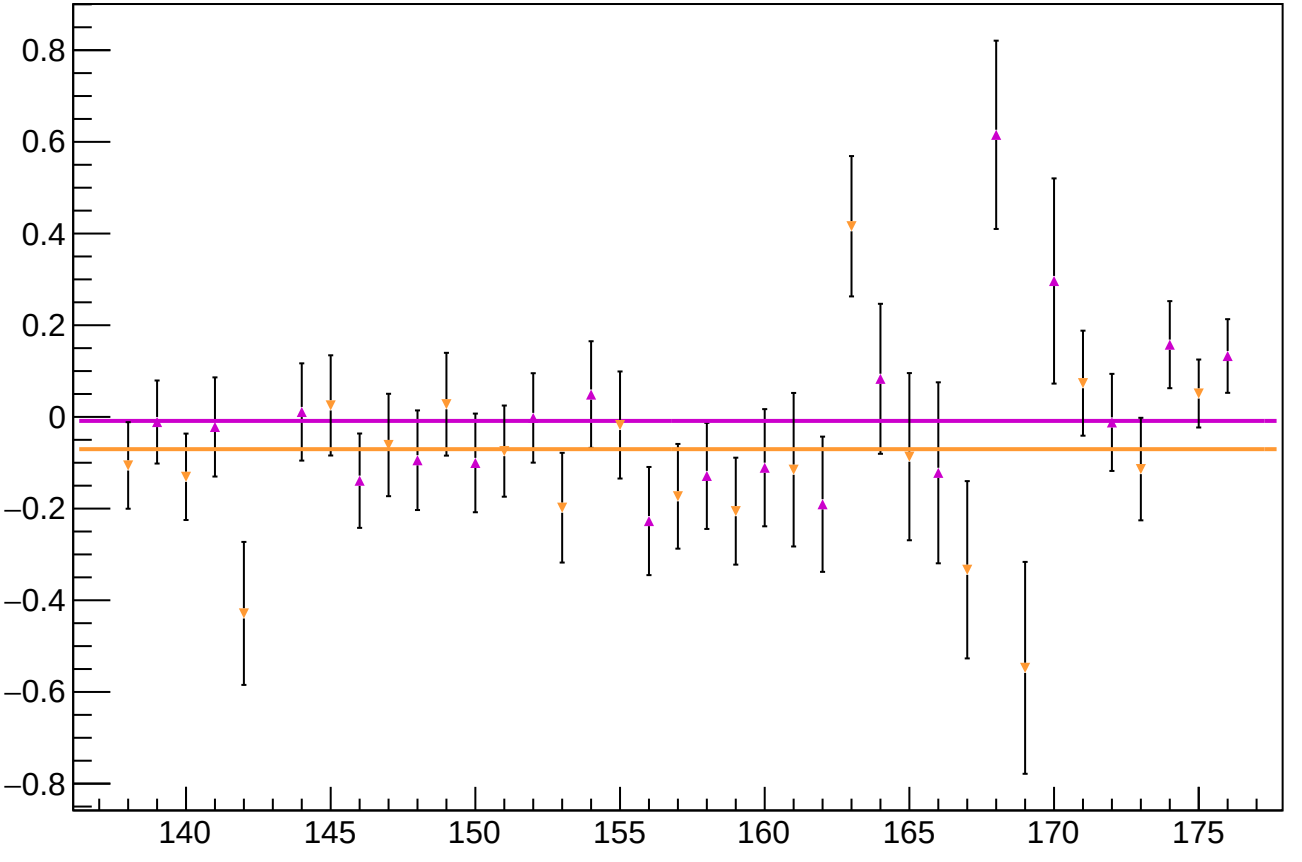
Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -39.575+/-0.016 χ^2/NDF:66807.5/35

Out: -40.176+/-0.016 χ^2/NDF:97566.2/38

All: -39.872+/-0.011 χ^2/NDF: 165086.3/74

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.070+/-0.027 χ^2/NDF:31.6/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.009+/-0.026 χ^2/NDF:27.8/18

Left: -0.039+/-0.019 χ^2/NDF: 62.1/37

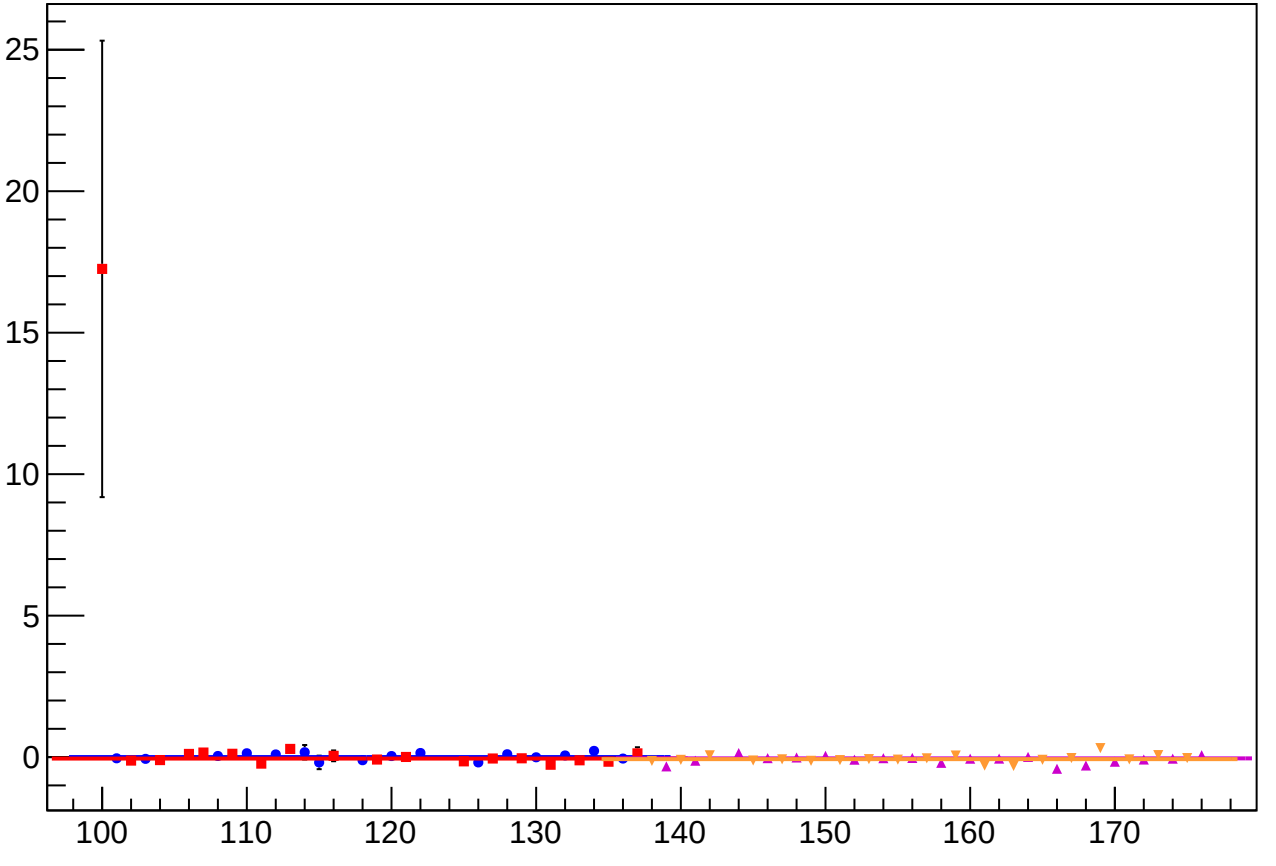
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.009+/-0.026 χ^2/NDF:27.8/18

Out: -0.070+/-0.027 χ^2/NDF:31.6/18

All: -0.039+/-0.019 χ^2/NDF: 62.1/37

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.071+/-0.019 χ^2/NDF:23.0/18

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.045+/-0.019 χ^2/NDF:26.0/18

Left: -0.058+/-0.014 χ^2/NDF: 50.0/37

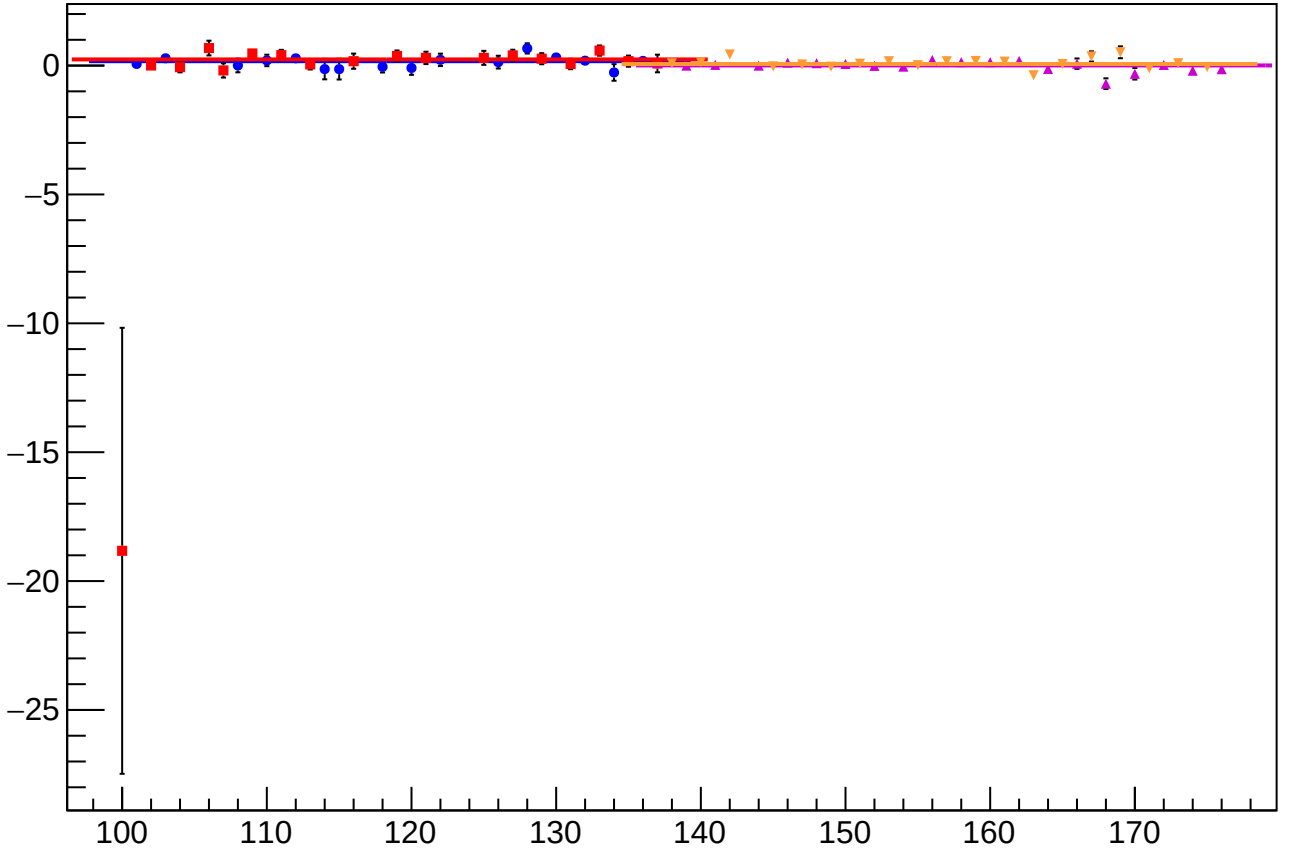
Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.030+/-0.016 χ^2/NDF:40.3/34

Out: -0.065+/-0.016 χ^2/NDF:49.1/36

All: -0.047+/-0.011 χ^2/NDF: 91.9/71

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.060+/-0.026 χ^2/NDF:30.1/18

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.005+/-0.026 χ^2/NDF:32.4/18

Left: 0.032+/-0.018 χ^2/NDF: 64.7/37

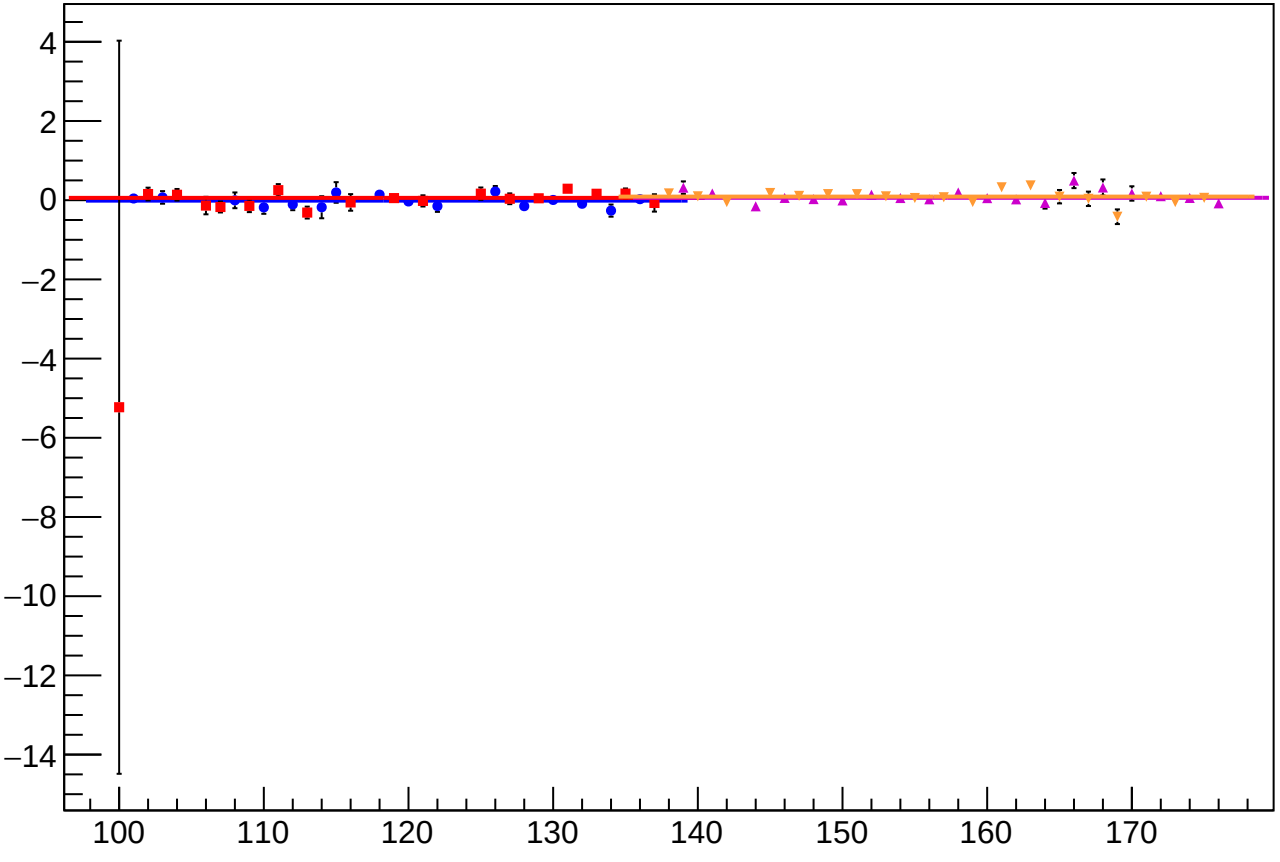
Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.038+/-0.023 χ^2/NDF:54.1/34

Out: 0.095+/-0.024 χ^2/NDF:60.7/36

All: 0.066+/-0.017 χ^2/NDF: 117.8/71

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.090+/-0.023 χ^2/NDF:25.4/18

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.061+/-0.022 χ^2/NDF:25.4/18

Left: 0.075+/-0.016 χ^2/NDF: 51.7/37

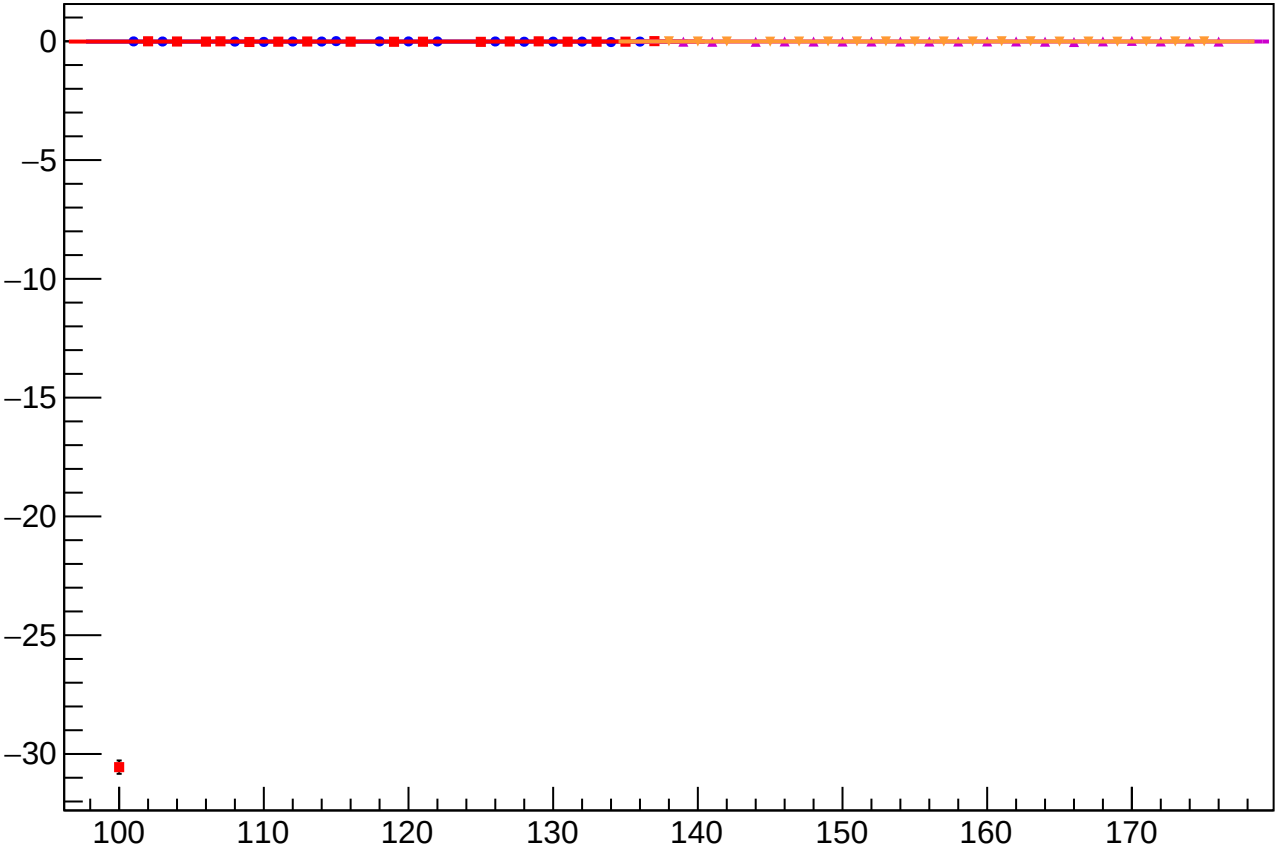
Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.038+/-0.018 χ^2/NDF:42.4/34

Out: 0.081+/-0.019 χ^2/NDF:46.6/36

All: 0.059+/-0.013 χ^2/NDF: 91.7/71

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.008+/-0.001 χ^2/NDF:15.2/18

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.010+/-0.001 χ^2/NDF:31.7/18

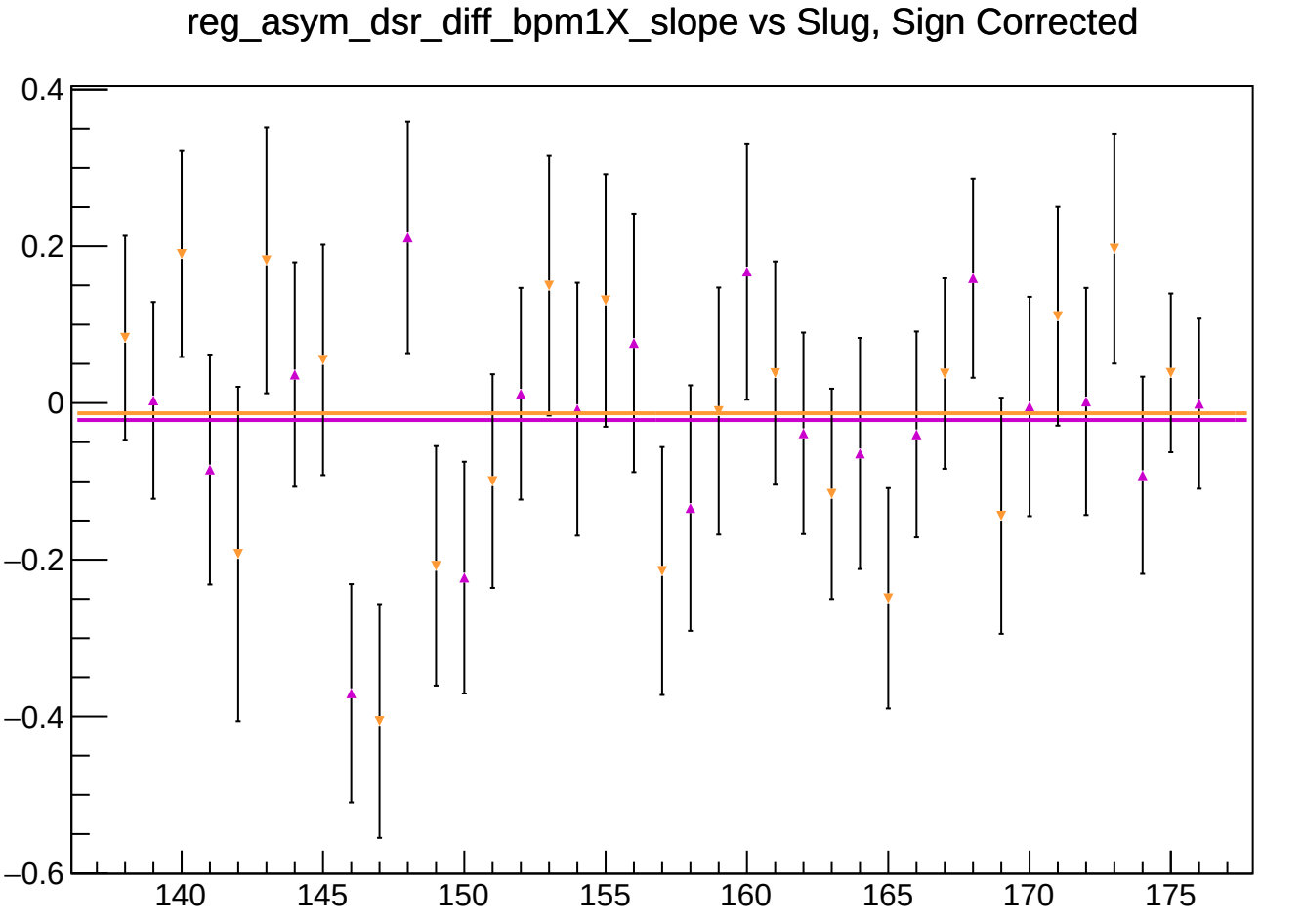
Left: -0.009+/-0.001 χ^2/NDF: 48.6/37

Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.010+/-0.001 χ^2/NDF:45.5/34

Out: -0.009+/-0.001 χ^2/NDF:11910.5/36

All: -0.010+/-0.001 χ^2/NDF: 11957.1/71



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.013+/-0.032 χ^2/NDF:25.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.022+/-0.032 χ^2/NDF:15.8/18

Left: -0.017+/-0.023 χ^2/NDF: 40.9/38

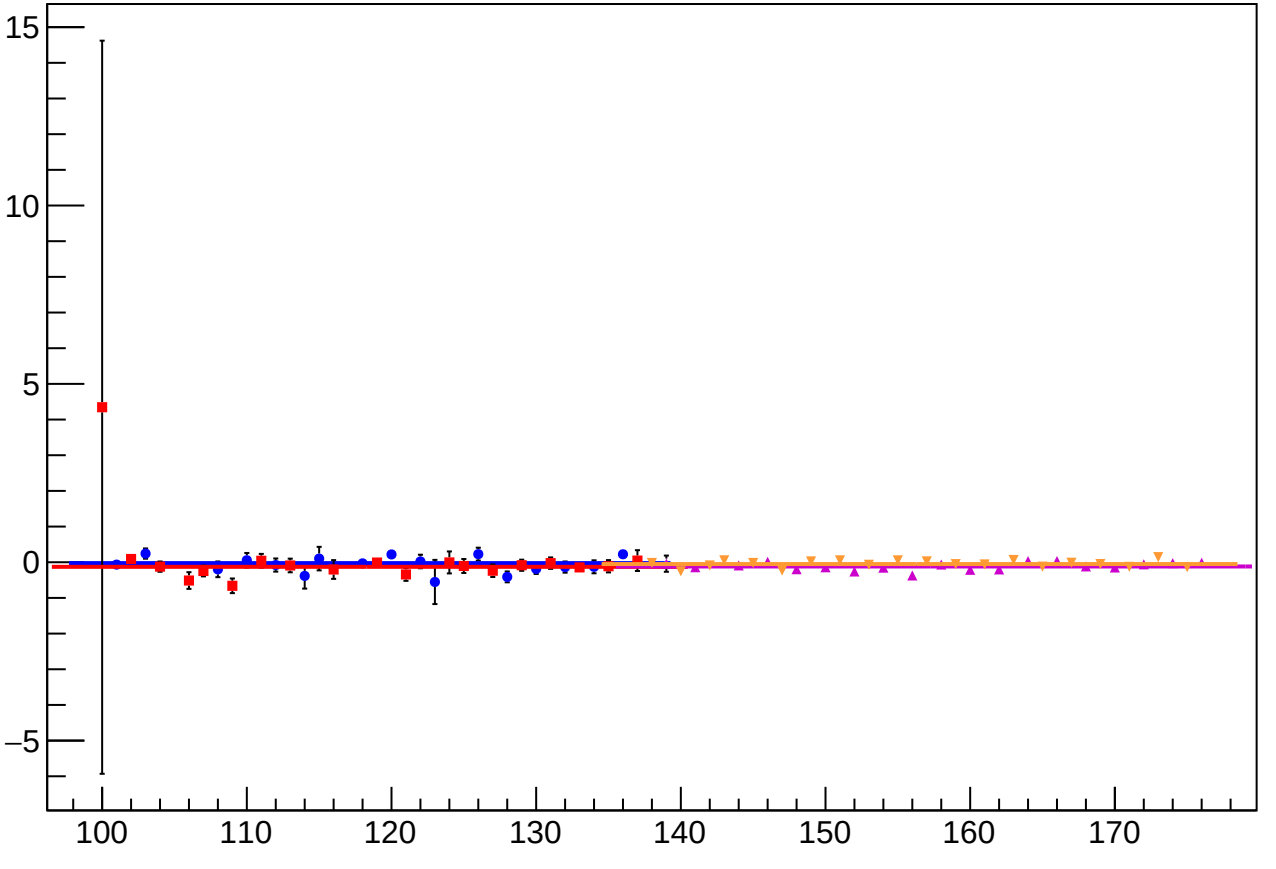
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.022+/-0.032 χ^2/NDF:15.8/18

Out: -0.013+/-0.032 χ^2/NDF:25.1/19

All: -0.017+/-0.023 χ^2/NDF: 40.9/38

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.051+/-0.023 χ^2/NDF:20.8/19

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.119+/-0.024 χ^2/NDF:17.7/18

Left: -0.084+/-0.017 χ^2/NDF: 42.6/38

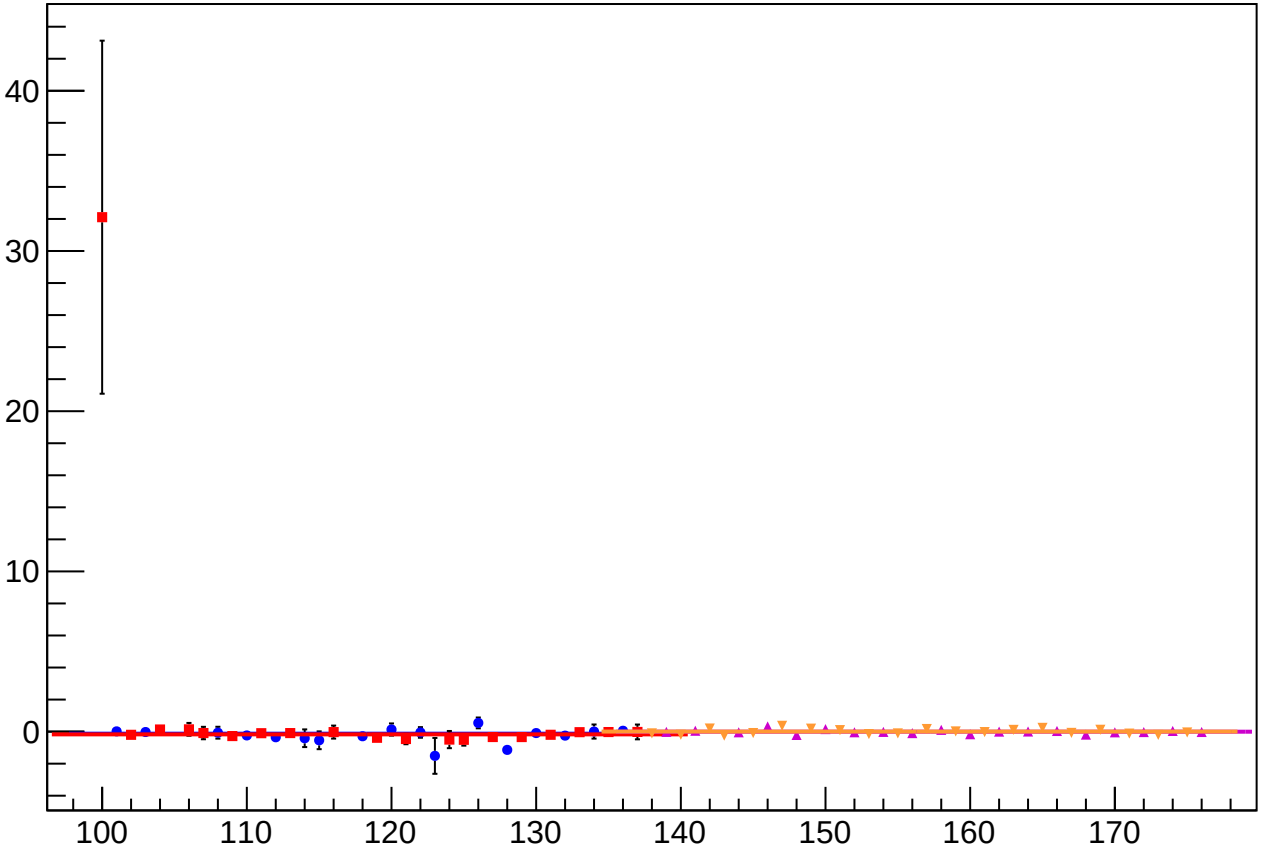
Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.090+/-0.020 χ^2/NDF:45.7/35

Out: -0.071+/-0.020 χ^2/NDF:41.2/38

All: -0.081+/-0.014 χ^2/NDF: 87.4/74

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.004+/-0.032 χ^2/NDF:24.7/19

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: -0.005+/-0.032 χ^2/NDF:14.3/18

Left: -0.001+/-0.022 χ^2/NDF: 39.0/38

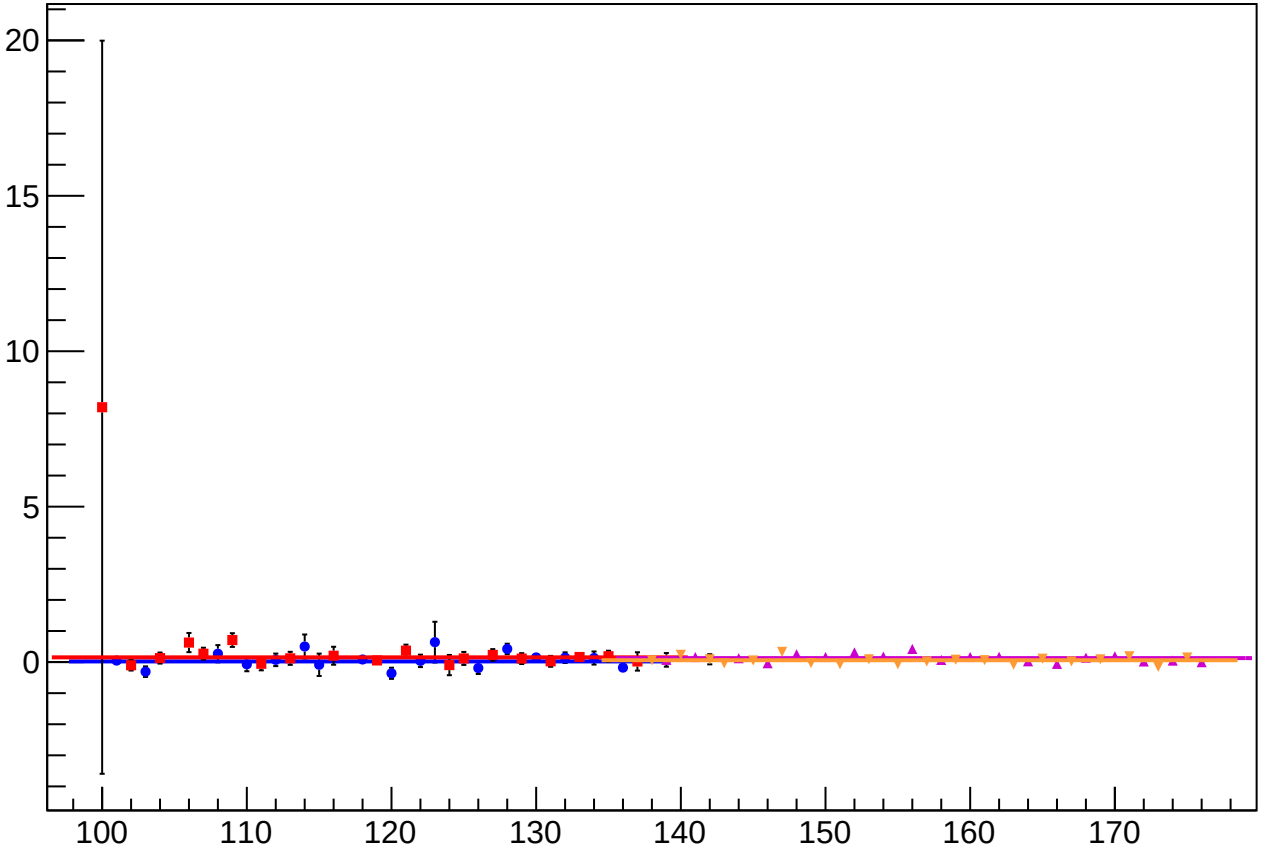
Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.028+/-0.029 χ^2/NDF:40.9/35

Out: -0.025+/-0.029 χ^2/NDF:44.8/38

All: -0.027+/-0.020 χ^2/NDF: 85.7/74

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.059+/-0.027 χ^2/NDF:20.5/19

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.128+/-0.027 χ^2/NDF:18.2/18

Left: 0.093+/-0.019 χ^2/NDF: 41.8/38

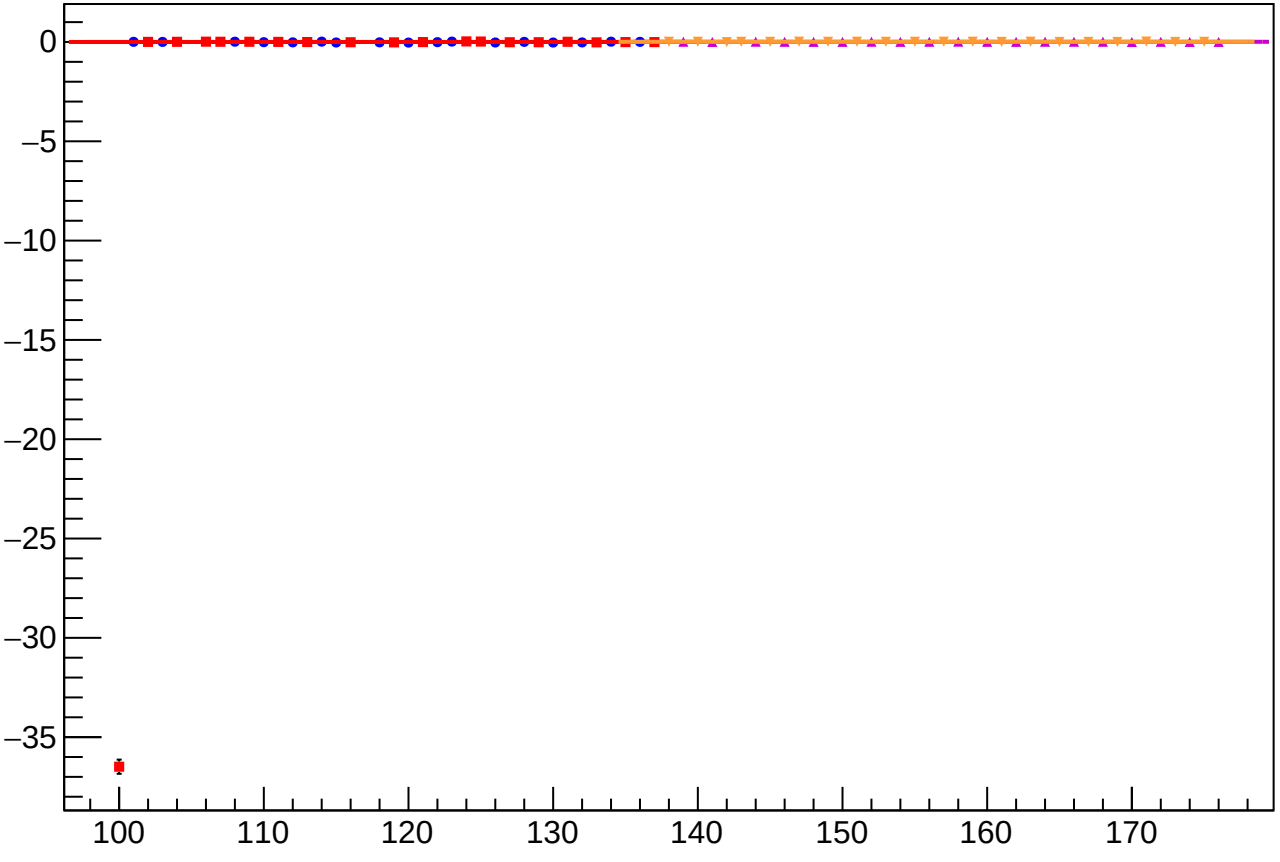
Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.096+/-0.023 χ^2/NDF:45.2/35

Out: 0.084+/-0.023 χ^2/NDF:39.8/38

All: 0.090+/-0.016 χ^2/NDF: 85.1/74

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.009+/-0.001 χ^2/NDF:18.7/19

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.010+/-0.001 χ^2/NDF:12.6/18

Left: 0.010+/-0.001 χ^2/NDF: 31.4/38

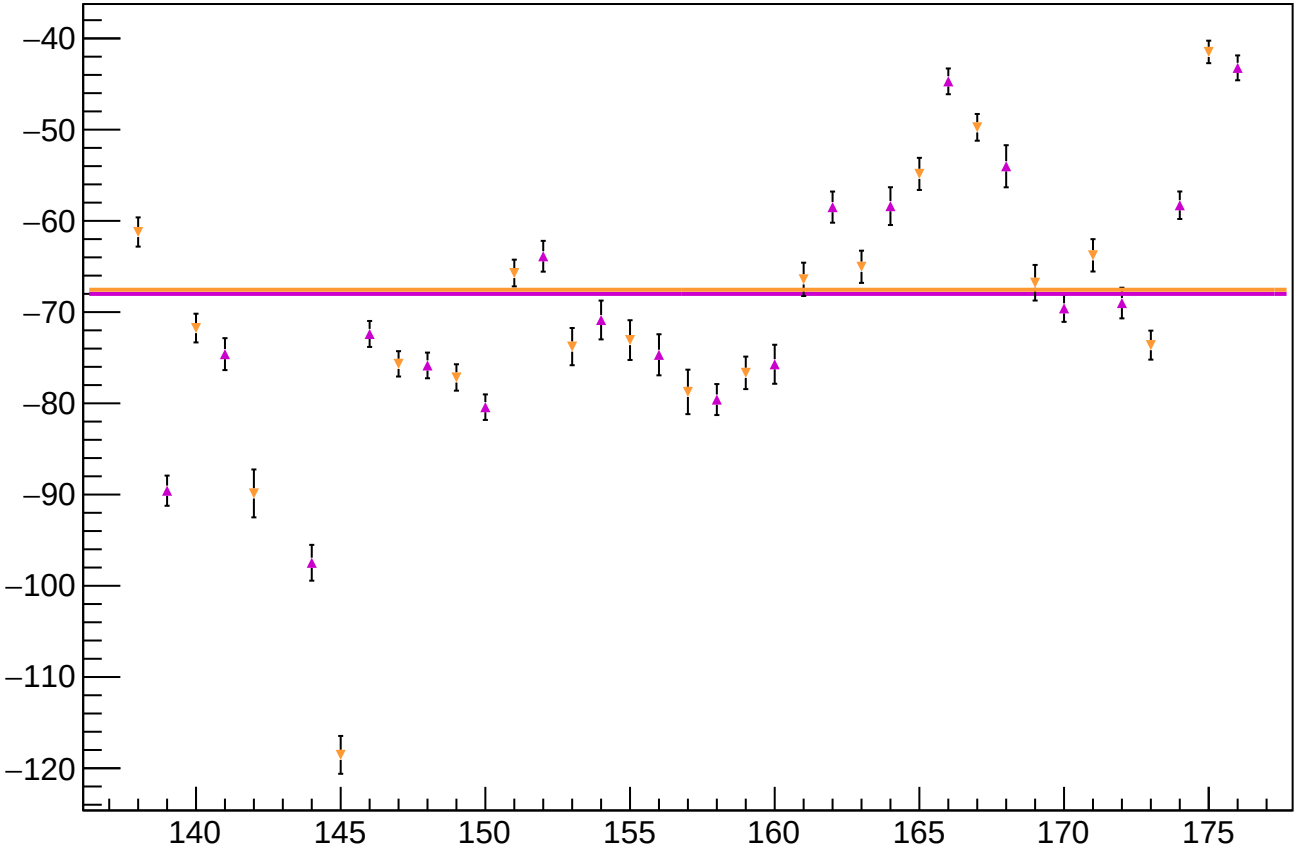
Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.008+/-0.001 χ^2/NDF:56.4/35

Out: 0.007+/-0.001 χ^2/NDF:10478.4/38

All: 0.008+/-0.001 χ^2/NDF: 10534.9/74

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -67.547+/-0.389 χ^2/NDF:1509.5/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -68.005+/-0.382 χ^2/NDF:1339.8/18

Left: -67.780+/-0.273 χ^2/NDF: 2850.0/37

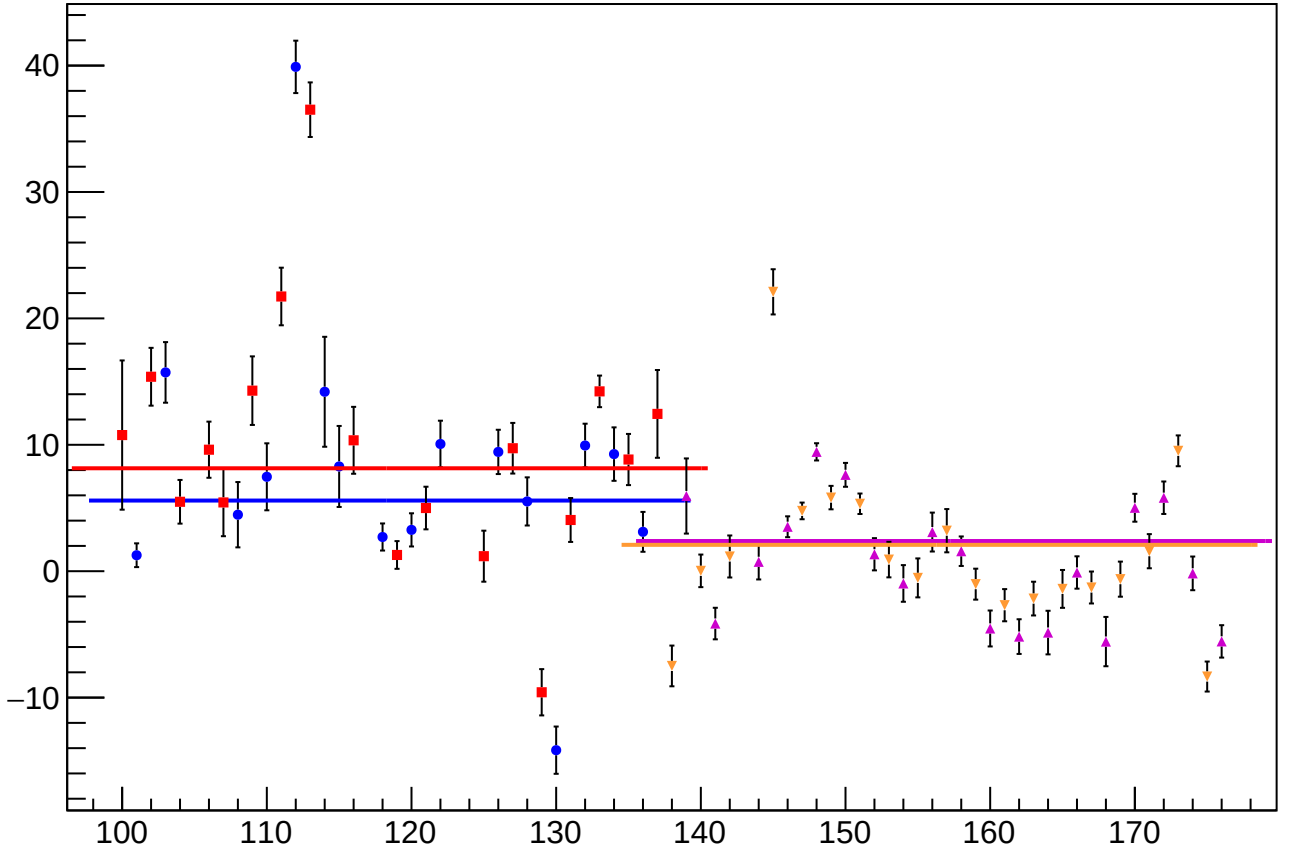
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -68.005+/-0.382 χ^2/NDF:1339.8/18

Out: -67.547+/-0.389 χ^2/NDF:1509.5/18

All: -67.780+/-0.273 χ^2/NDF: 2850.0/37

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: 2.085+/-0.274 χ^2/NDF:377.8/18

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 2.388+/-0.276 χ^2/NDF:323.5/18

Left: 2.235+/-0.195 χ^2/NDF: 701.9/37

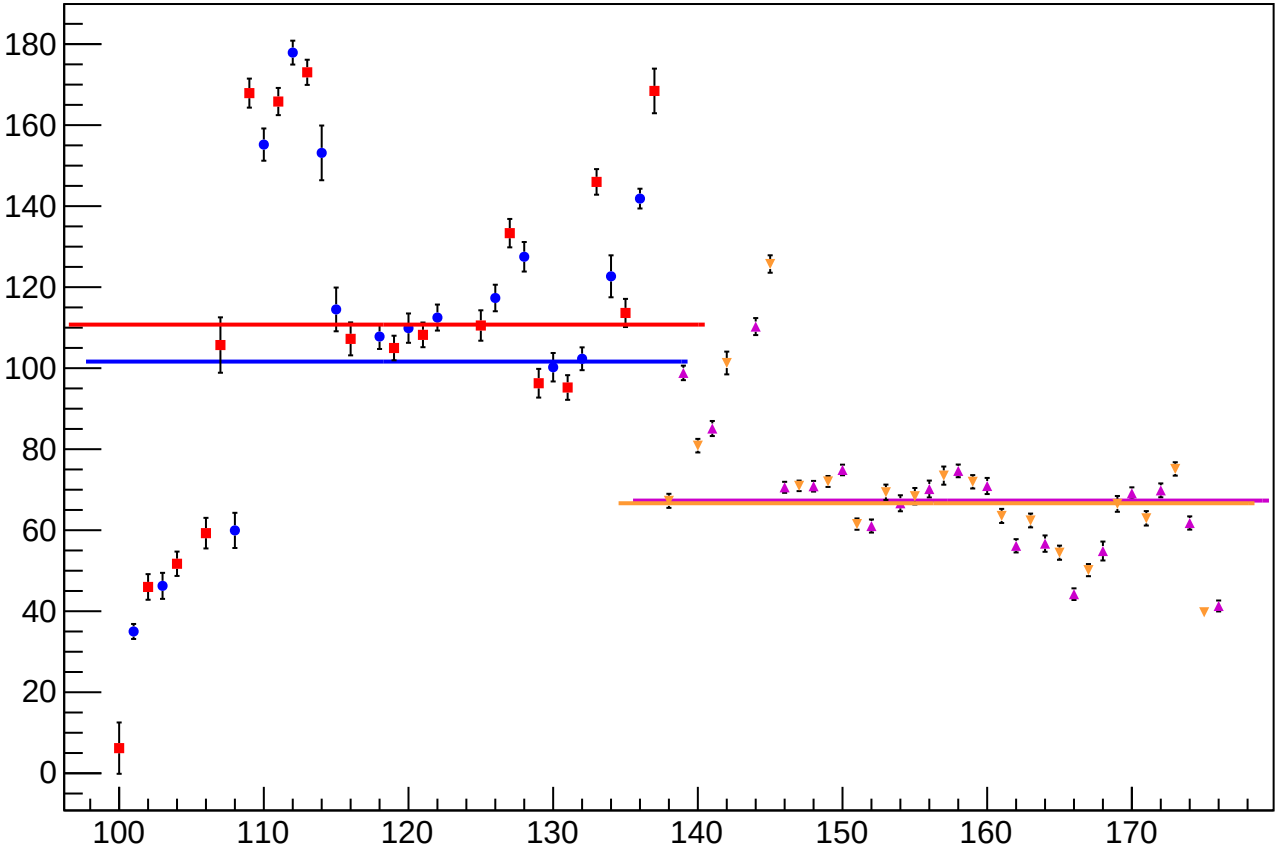
Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 3.344+/-0.231 χ^2/NDF:826.3/34

Out: 3.707+/-0.235 χ^2/NDF:916.0/36

All: 3.523+/-0.165 χ^2/NDF: 1743.6/71

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.631+/-0.807 χ^2/NDF: 2978.9/15

Left Out: 66.656+/-0.383 χ^2/NDF:1725.8/18

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 67.315+/-0.376 χ^2/NDF:1654.8/18

Left: 66.991+/-0.269 χ^2/NDF: 3382.1/37

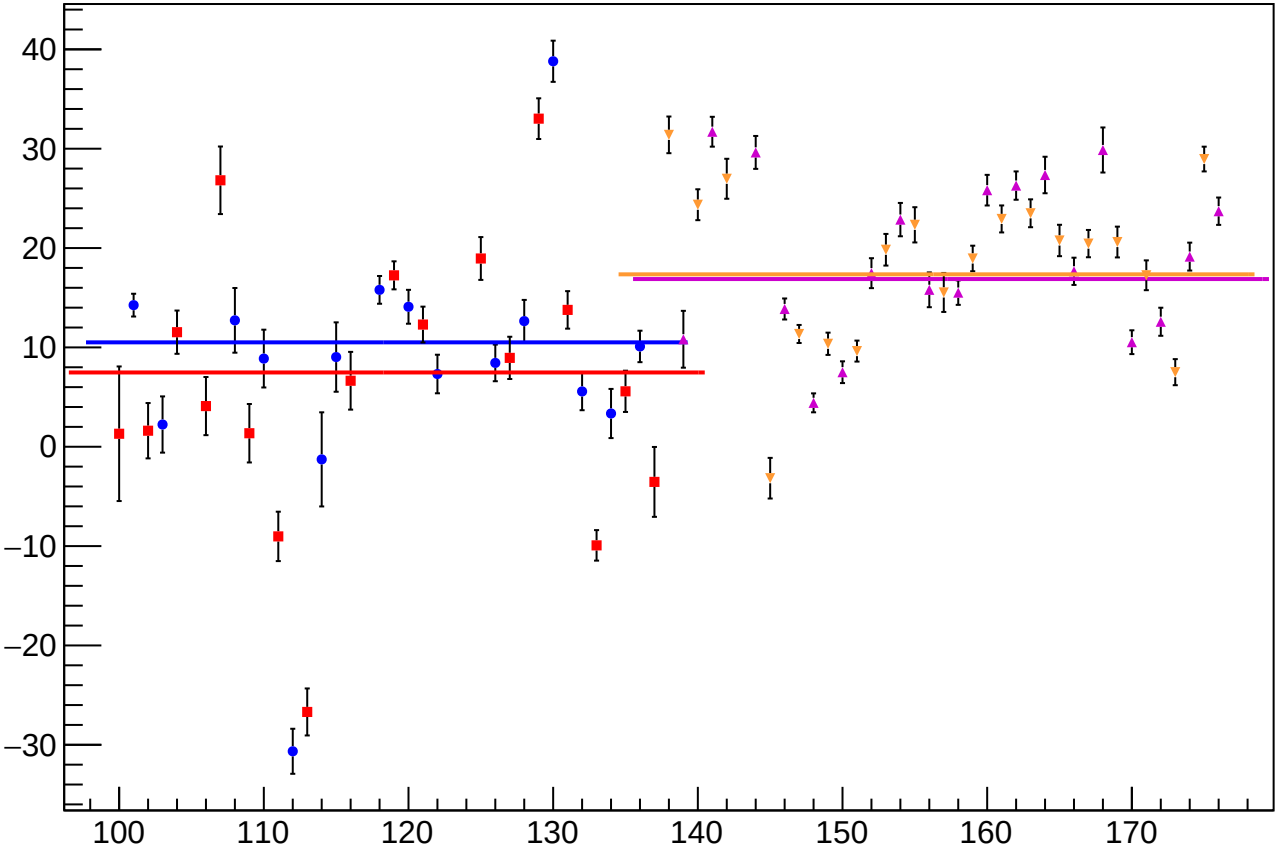
Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 73.450+/-0.341 χ^2/NDF:6118.8/34

Out: 74.305+/-0.348 χ^2/NDF:6537.7/36

All: 73.869+/-0.244 χ^2/NDF: 12659.6/71

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 17.354+/-0.320 χ^2/NDF:543.7/18

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 16.880+/-0.321 χ^2/NDF:635.2/18

Left: 17.117+/-0.227 χ^2/NDF: 1179.9/37

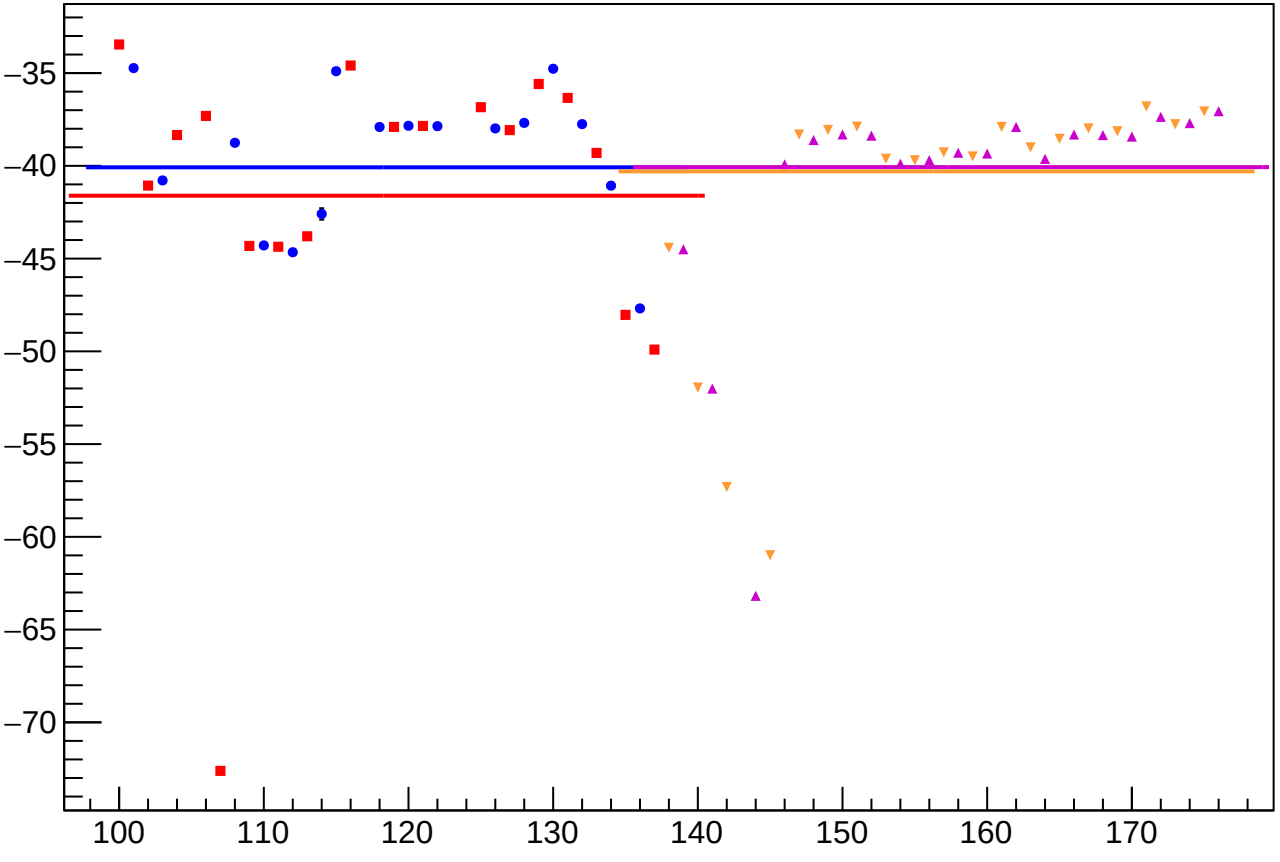
Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 14.978+/-0.269 χ^2/NDF:1334.3/34

Out: 14.666+/-0.273 χ^2/NDF:1491.6/36

All: 14.825+/-0.192 χ^2/NDF: 2826.6/71

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -40.299+/-0.015 χ^2/NDF:127409.0/18

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -40.069+/-0.015 χ^2/NDF:104910.1/18

Left: -40.180+/-0.011 χ^2/NDF: 232434.3/37

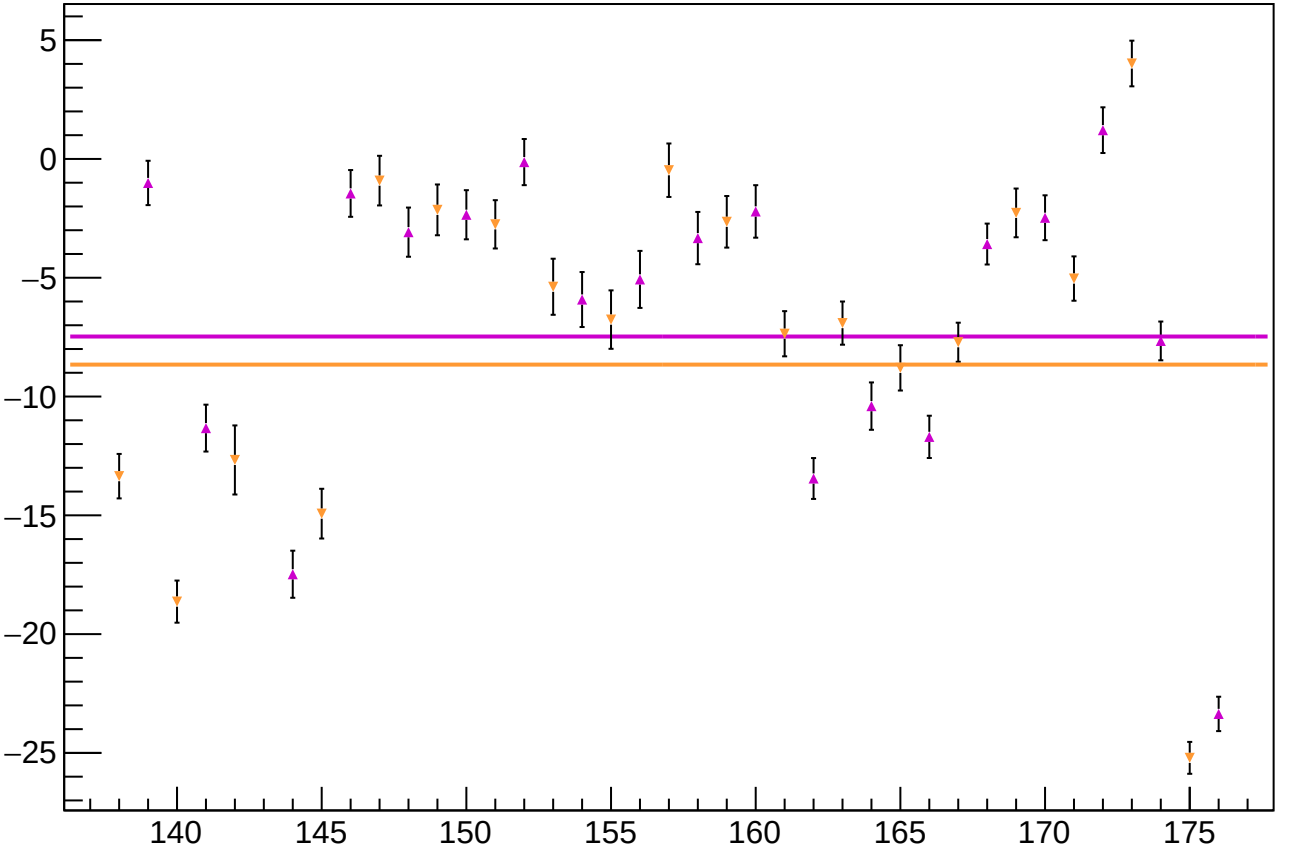
Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -40.071+/-0.013 χ^2/NDF:130034.1/34

Out: -40.593+/-0.014 χ^2/NDF:190826.2/36

All: -40.325+/-0.009 χ^2/NDF: 321622.0/71

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -8.656+/-0.224 χ^2/NDF:1257.6/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -7.474+/-0.219 χ^2/NDF:1036.5/18

Left: -8.051+/-0.157 χ^2/NDF: 2308.3/37

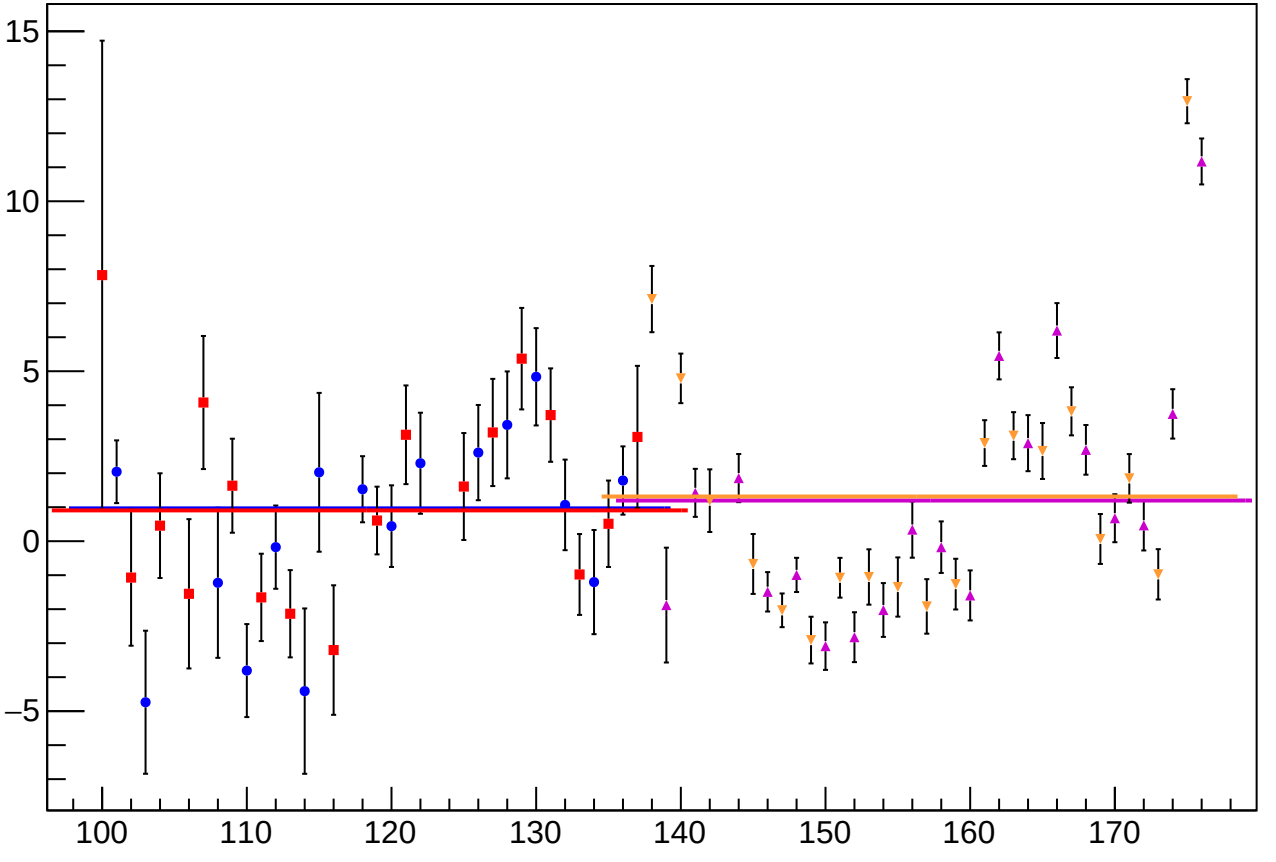
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.474+/-0.219 χ^2/NDF:1036.5/18

Out: -8.656+/-0.224 χ^2/NDF:1257.6/18

All: -8.051+/-0.157 χ^2/NDF: 2308.3/37

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965+/-0.338 χ^2/NDF: 42.9/15

Left Out: 1.315+/-0.166 χ^2/NDF:570.9/18

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 1.196+/-0.165 χ^2/NDF:463.6/18

Left: 1.256+/-0.117 χ^2/NDF: 1034.7/37

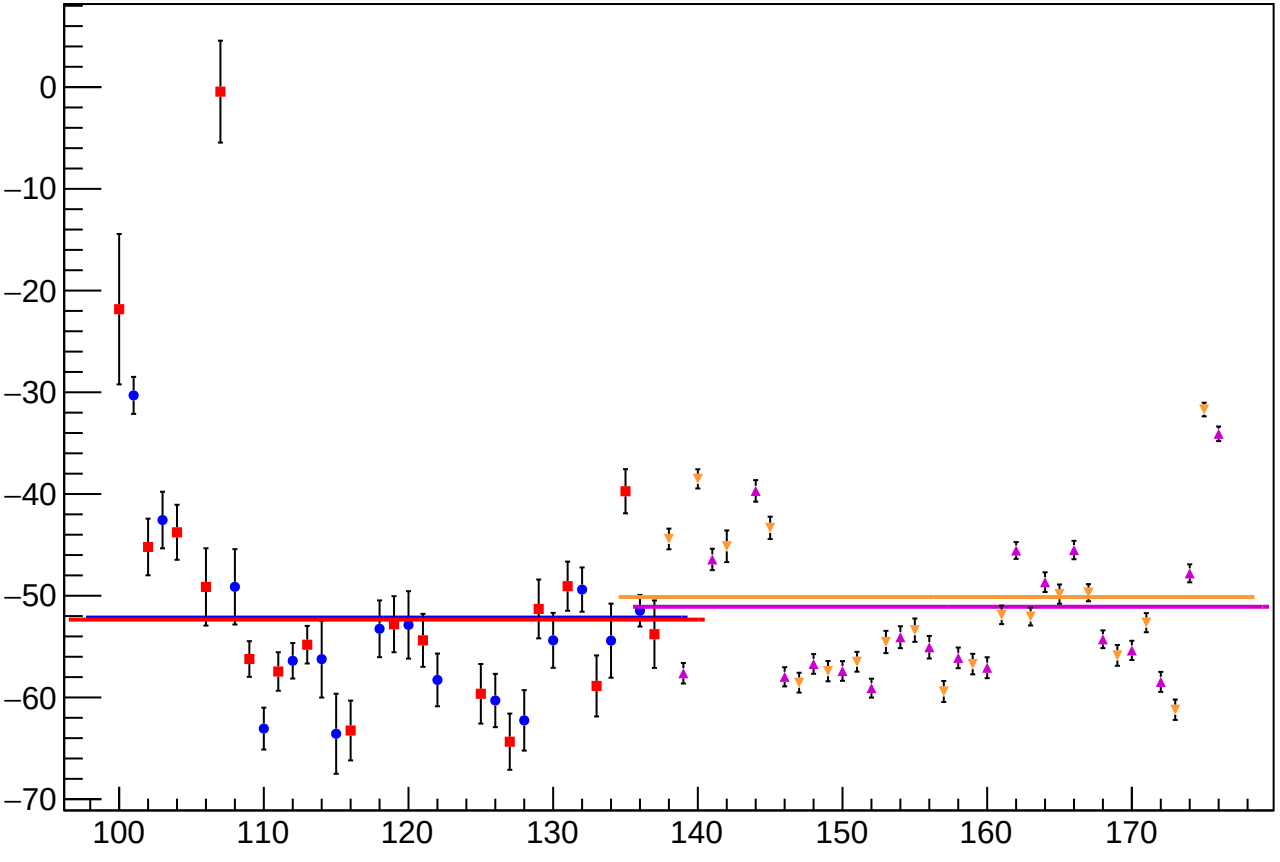
Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: 1.152+/-0.148 χ^2/NDF:506.9/34

Out: 1.241+/-0.150 χ^2/NDF:614.0/36

All: 1.196+/-0.105 χ^2/NDF: 1121.0/71

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -50.126+/-0.222 χ^2/NDF:1474.6/18

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -51.083+/-0.217 χ^2/NDF:1215.7/18

Left: -50.615+/-0.155 χ^2/NDF: 2699.8/37

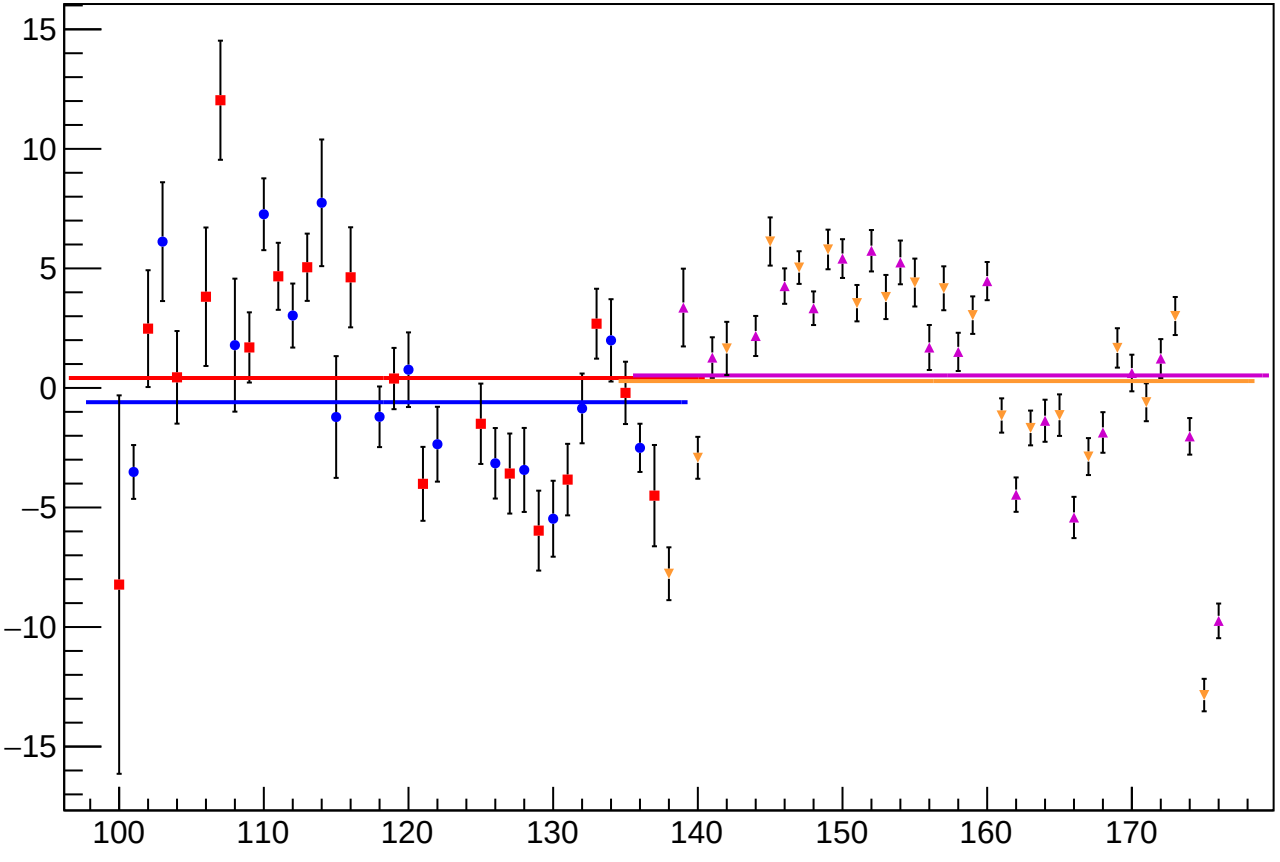
Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -51.202+/-0.205 χ^2/NDF:1448.7/34

Out: -50.382+/-0.209 χ^2/NDF:1721.8/36

All: -50.800+/-0.146 χ^2/NDF: 3178.3/71

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: 0.287+/-0.189 χ^2/NDF:694.4/18

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 0.523+/-0.189 χ^2/NDF:496.5/18

Left: 0.406+/-0.134 χ^2/NDF: 1191.6/37

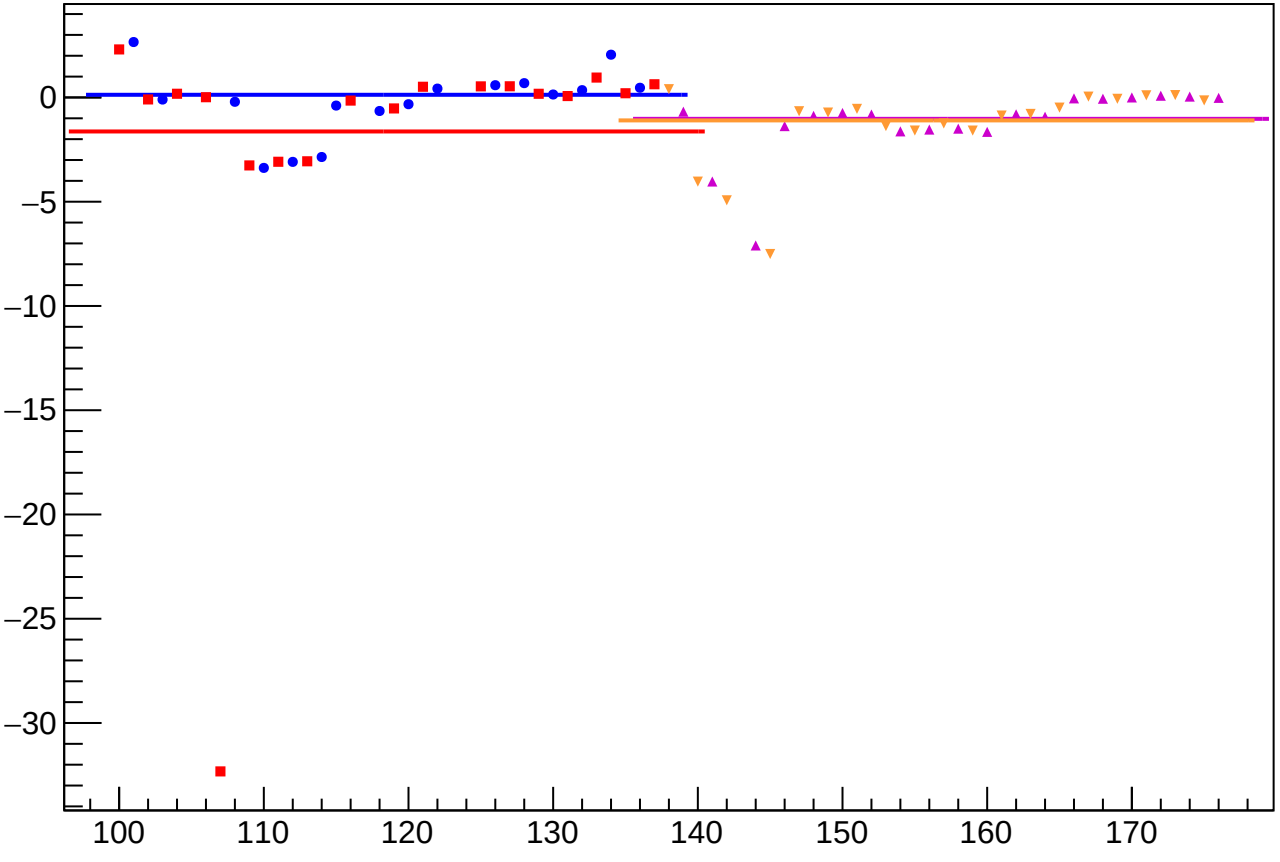
Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: 0.306+/-0.169 χ^2/NDF:585.9/34

Out: 0.311+/-0.171 χ^2/NDF:790.2/36

All: 0.308+/-0.120 χ^2/NDF: 1376.1/71

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -1.100+/-0.009 χ^2/NDF:38595.2/18

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -1.026+/-0.008 χ^2/NDF:28958.2/18

Left: -1.062+/-0.006 χ^2/NDF: 67591.0/37

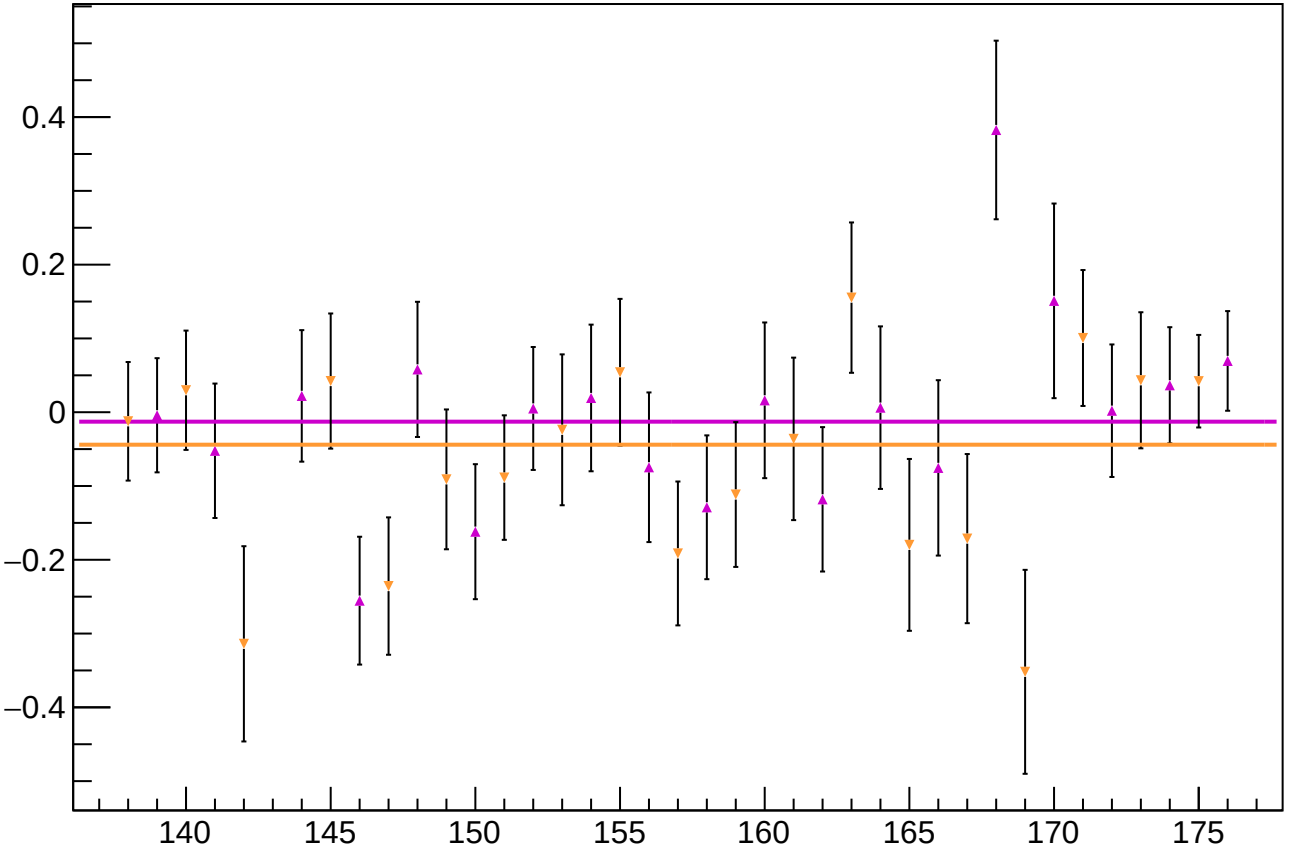
Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -0.870+/-0.008 χ^2/NDF:36703.1/34

Out: -1.174+/-0.008 χ^2/NDF:116983.9/36

All: -1.017+/-0.006 χ^2/NDF: 154407.2/71

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.044+/-0.022 χ^2/NDF:31.2/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.013+/-0.021 χ^2/NDF:29.0/18

Left: -0.028+/-0.015 χ^2/NDF: 61.3/37

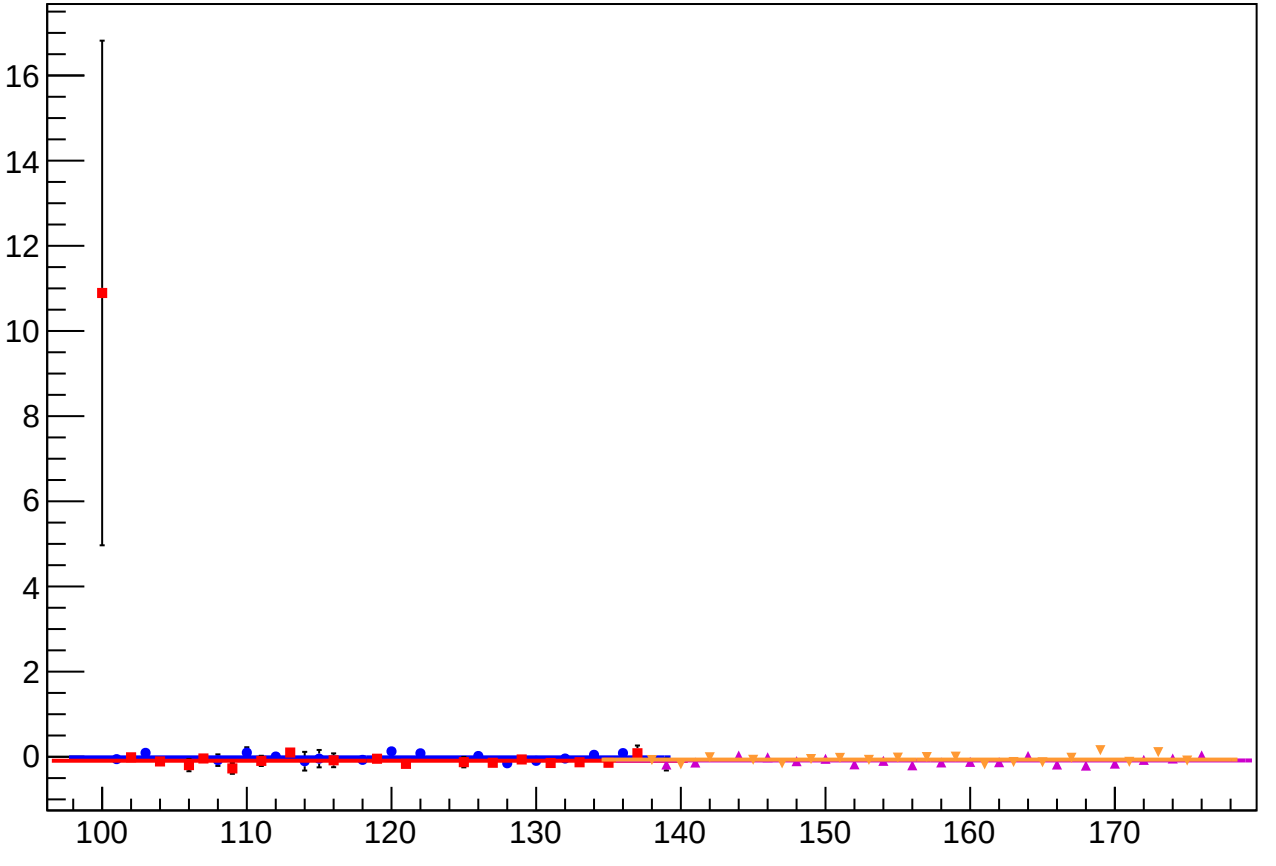
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.013+/-0.021 χ^2/NDF:29.0/18

Out: -0.044+/-0.022 χ^2/NDF:31.2/18

All: -0.028+/-0.015 χ^2/NDF: 61.3/37

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013+/-0.023 χ^2/NDF: 12.2/15

Left Out: -0.066+/-0.016 χ^2/NDF:25.1/18

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.086+/-0.016 χ^2/NDF:20.6/18

Left: -0.076+/-0.011 χ^2/NDF: 46.5/37

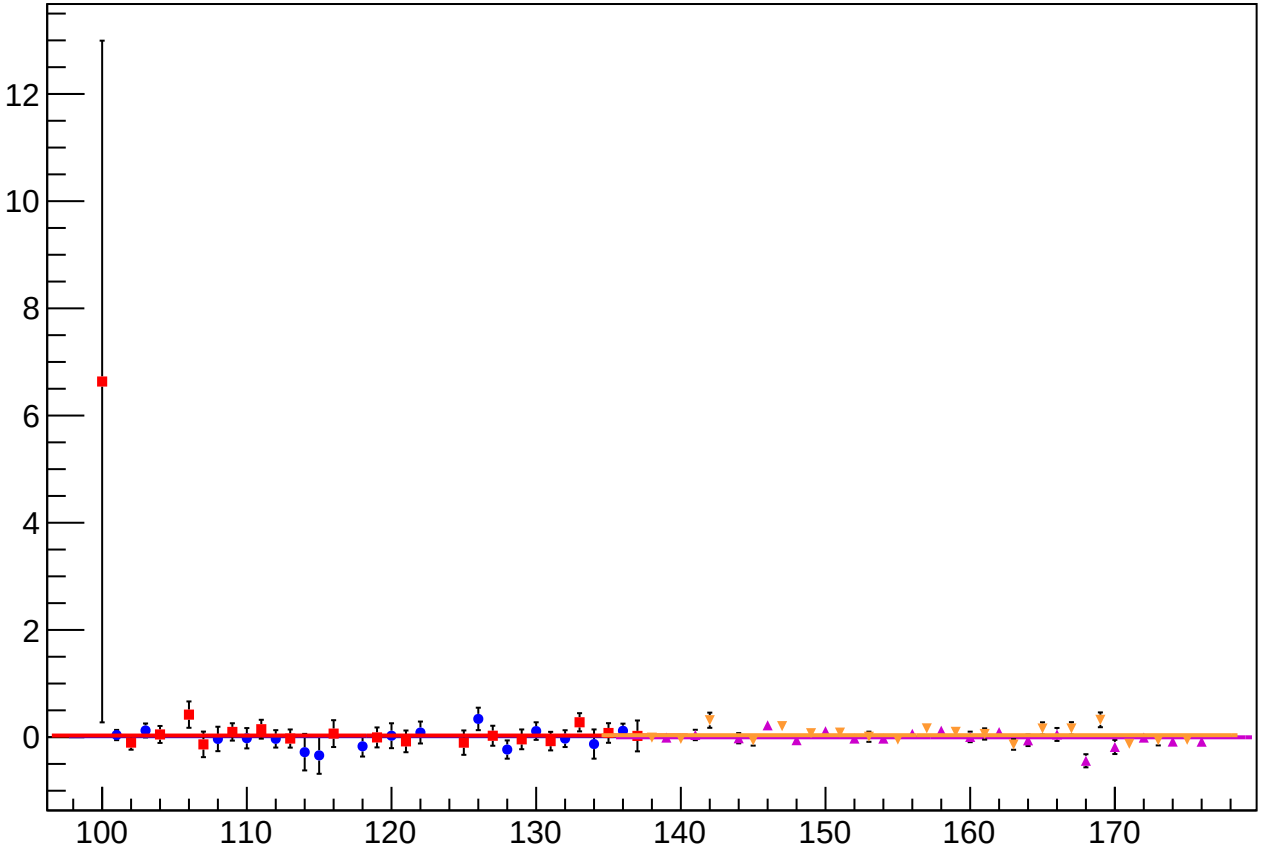
Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.063+/-0.013 χ^2/NDF:39.5/34

Out: -0.073+/-0.013 χ^2/NDF:38.6/36

All: -0.068+/-0.009 χ^2/NDF: 78.5/71

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.036+/-0.021 χ^2/NDF:29.1/18

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: -0.003+/-0.021 χ^2/NDF:30.7/18

Left: 0.016+/-0.015 χ^2/NDF: 61.6/37

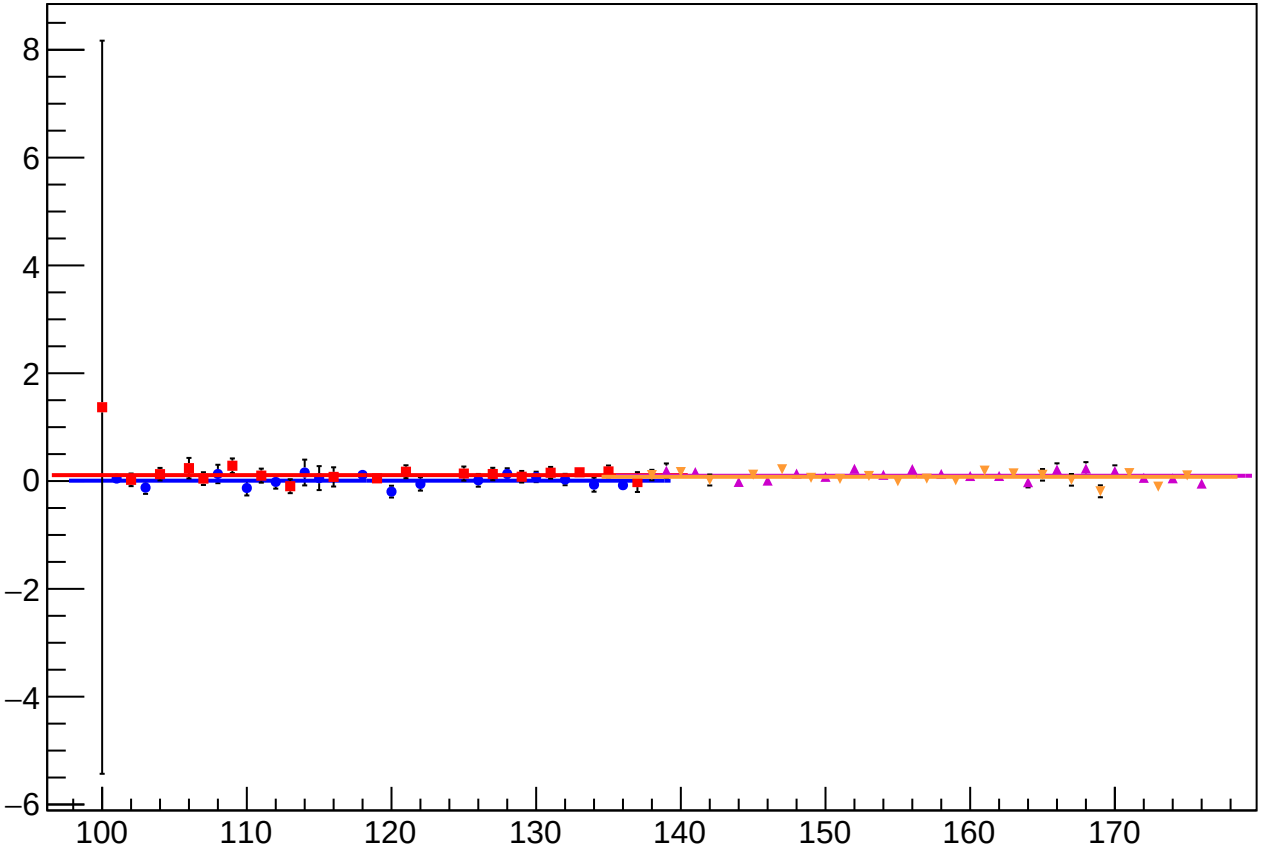
Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: 0.001+/-0.019 χ^2/NDF:40.5/34

Out: 0.035+/-0.019 χ^2/NDF:38.4/36

All: 0.017+/-0.014 χ^2/NDF: 80.5/71

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF: 12.1/15

Left Out: 0.079+/-0.018 χ^2/NDF:25.0/18

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.098+/-0.018 χ^2/NDF:21.3/18

Left: 0.089+/-0.013 χ^2/NDF: 46.8/37

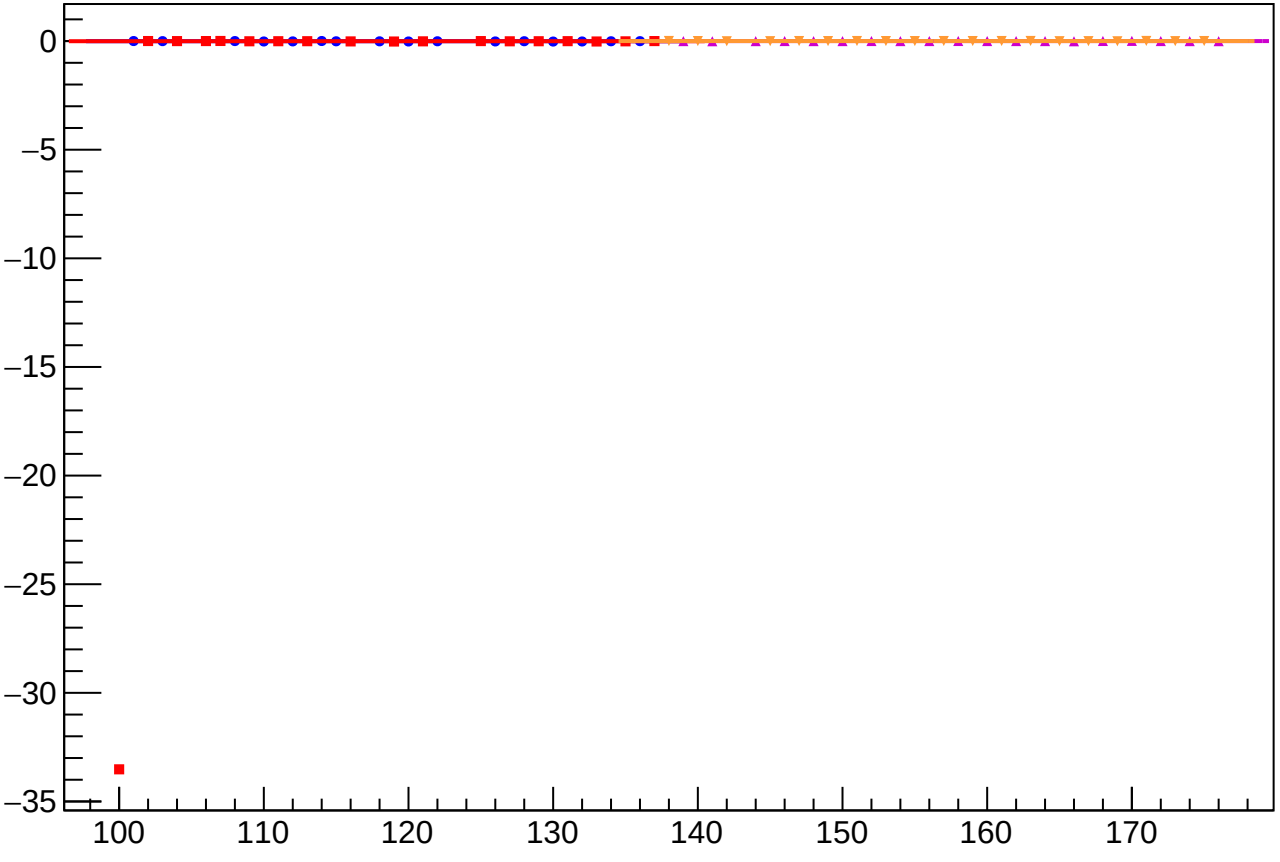
Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.069+/-0.015 χ^2/NDF:41.2/34

Out: 0.088+/-0.015 χ^2/NDF:33.8/36

All: 0.078+/-0.011 χ^2/NDF: 75.8/71

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.001+/-0.001 χ^2/NDF:18.7/18

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: 0.000+/-0.001 χ^2/NDF:17.3/18

Left: 0.001+/-0.001 χ^2/NDF: 36.7/37

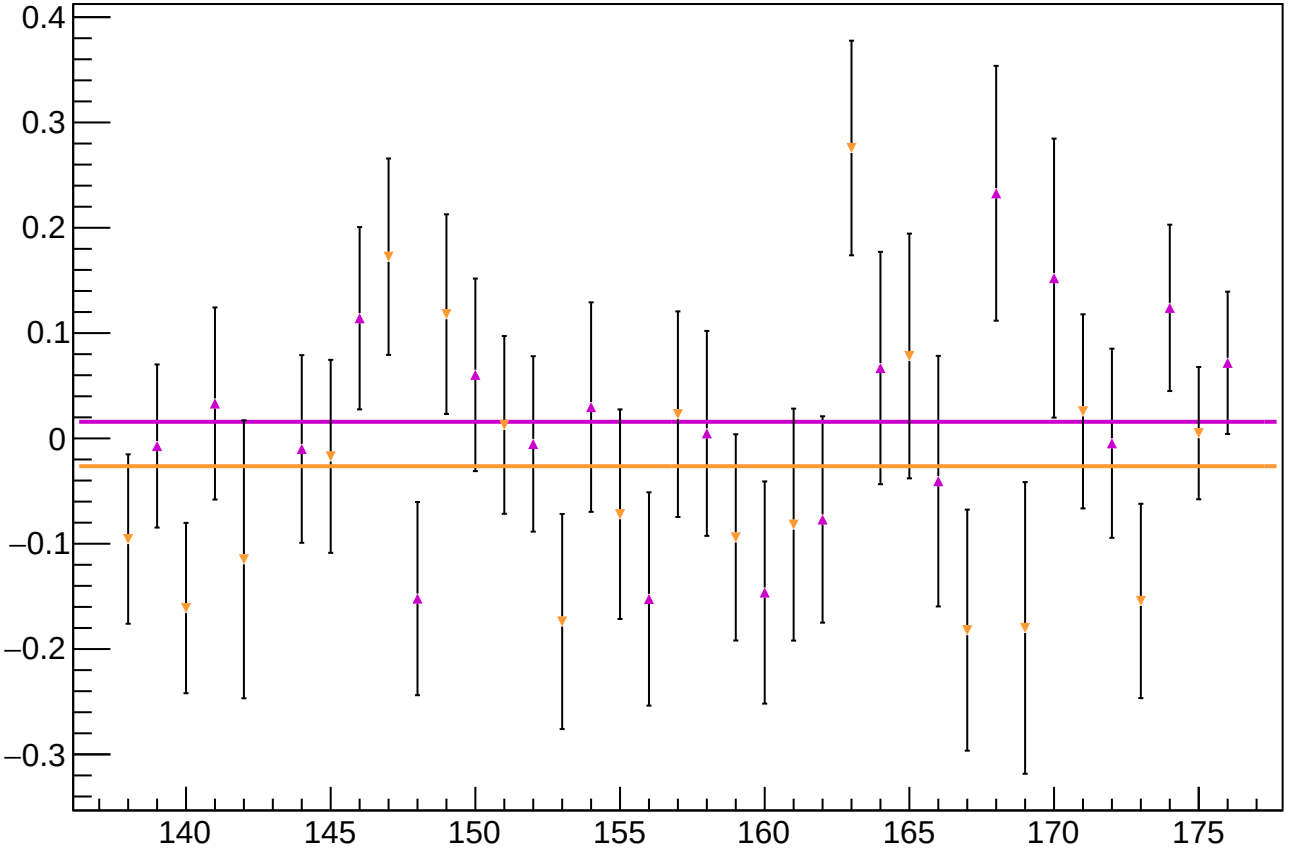
Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.001+/-0.001 χ^2/NDF:50.8/34

Out: -0.001+/-0.001 χ^2/NDF:26544.3/36

All: -0.001+/-0.001 χ^2/NDF: 26595.4/71

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.026+/-0.022 χ^2/NDF:29.5/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.016+/-0.021 χ^2/NDF:18.5/18

Left: -0.005+/-0.015 χ^2/NDF: 50.0/37

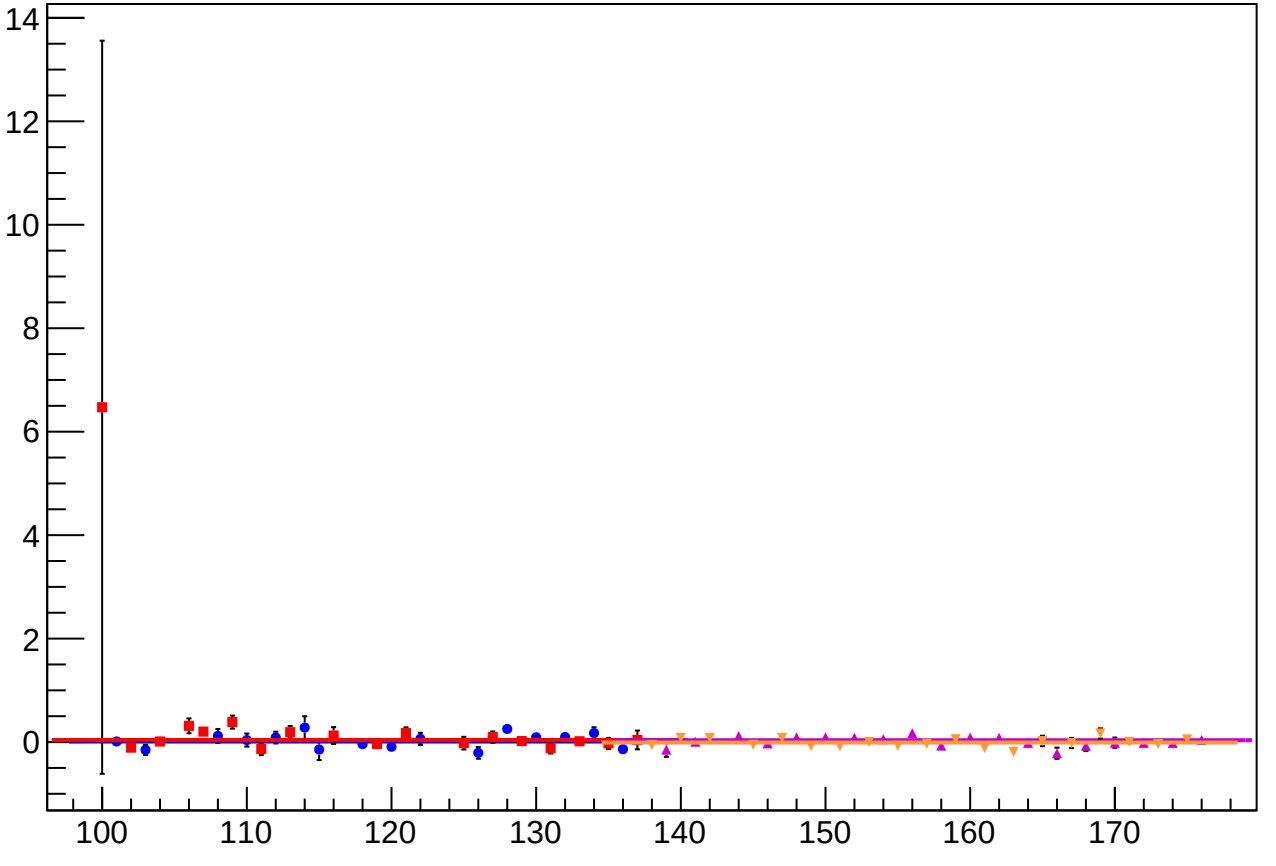
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.016+/-0.021 χ^2/NDF:18.5/18

Out: -0.026+/-0.022 χ^2/NDF:29.5/18

All: -0.005+/-0.015 χ^2/NDF: 50.0/37

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010+/-0.023 χ^2/NDF: 25.4/15

Left Out: -0.010+/-0.016 χ^2/NDF:24.2/18

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.036+/-0.016 χ^2/NDF:23.1/18

Left: 0.013+/-0.011 χ^2/NDF: 51.4/37

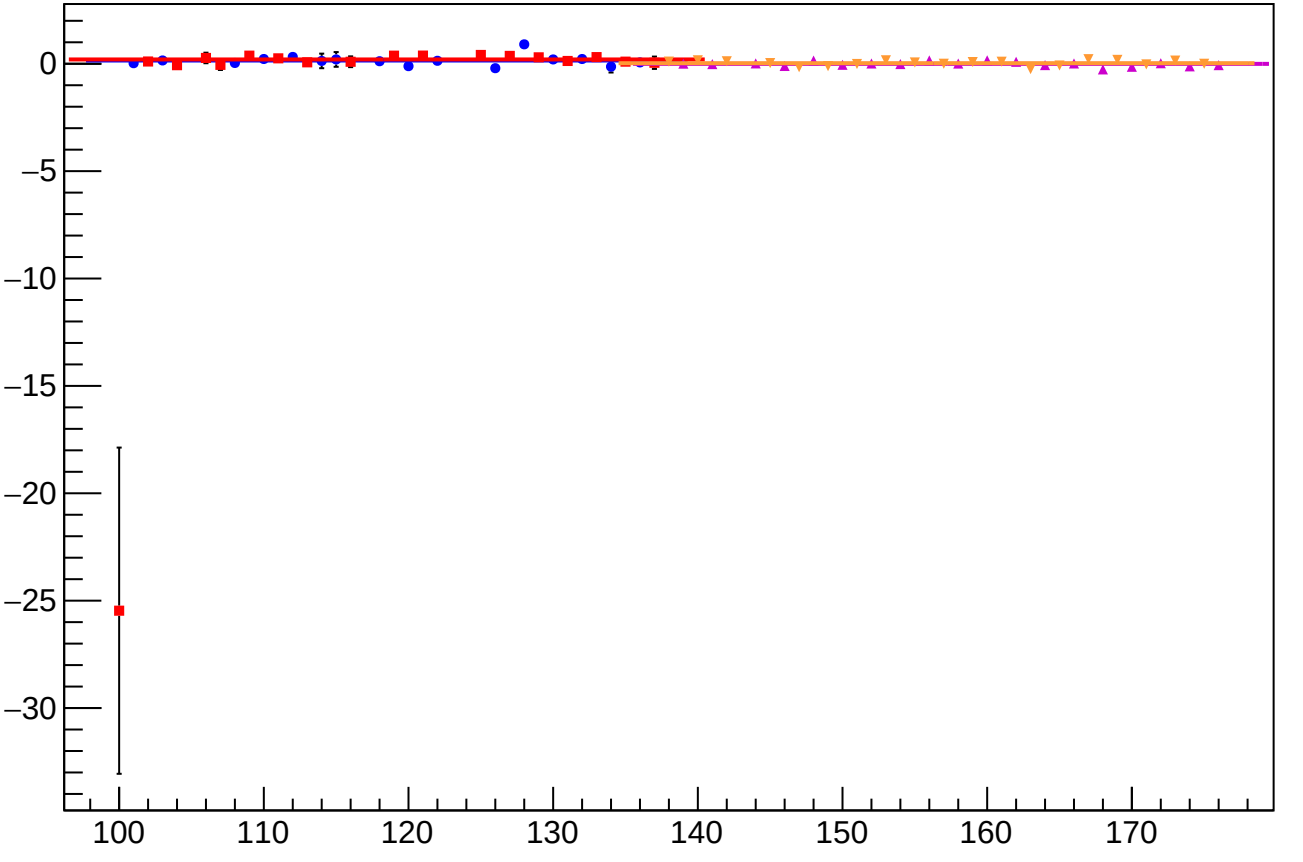
Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.028+/-0.013 χ^2/NDF:49.3/34

Out: 0.005+/-0.013 χ^2/NDF:55.0/36

All: 0.016+/-0.009 χ^2/NDF: 105.8/71

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.026+/-0.021 χ^2/NDF:28.5/18

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: -0.005+/-0.021 χ^2/NDF:20.2/18

Left: 0.010+/-0.015 χ^2/NDF: 49.8/37

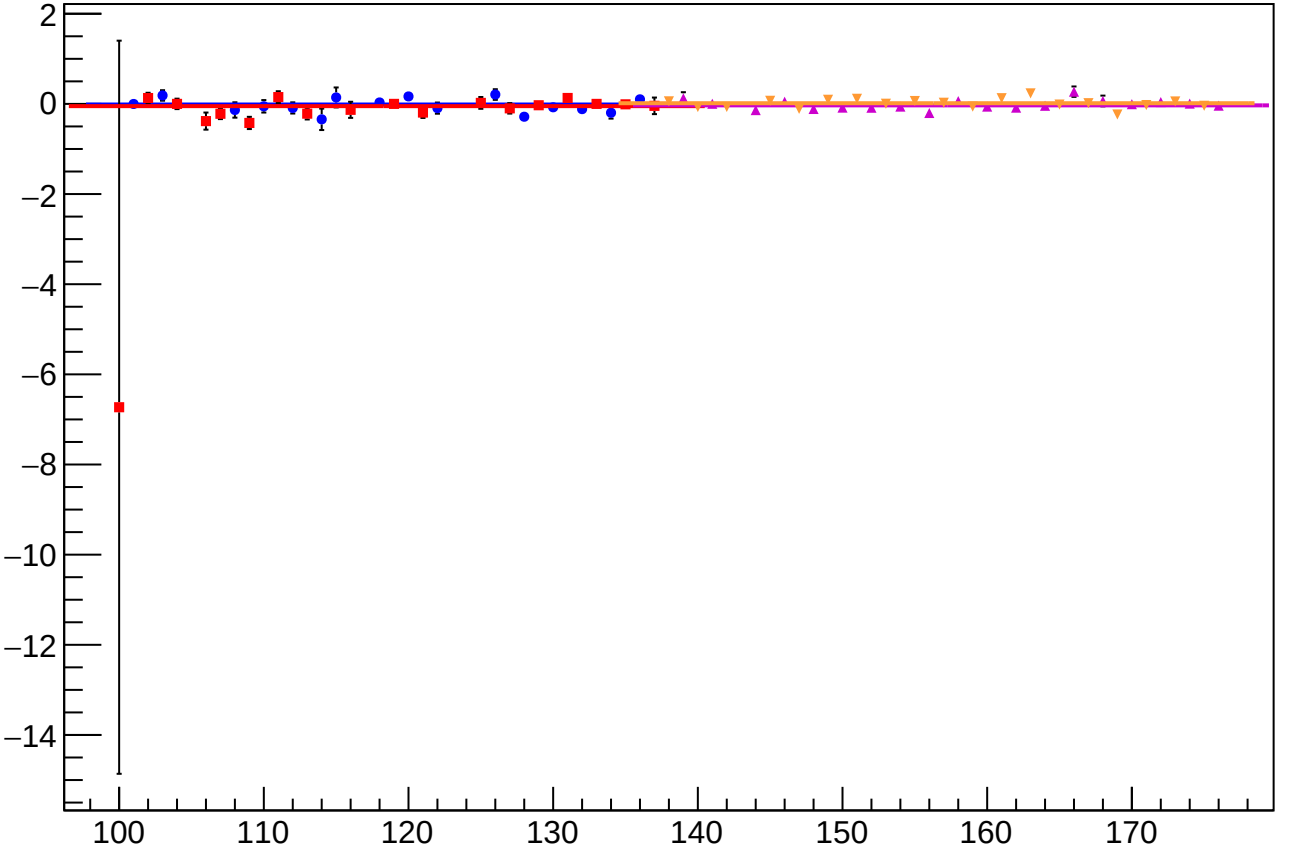
Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.026+/-0.019 χ^2/NDF:59.8/34

Out: 0.058+/-0.019 χ^2/NDF:63.7/36

All: 0.041+/-0.014 χ^2/NDF: 124.9/71

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014+/-0.027 χ^2/NDF: 25.2/15

Left Out: 0.015+/-0.018 χ^2/NDF:27.0/18

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.032+/-0.018 χ^2/NDF:23.5/18

Left: -0.009+/-0.013 χ^2/NDF: 53.9/37

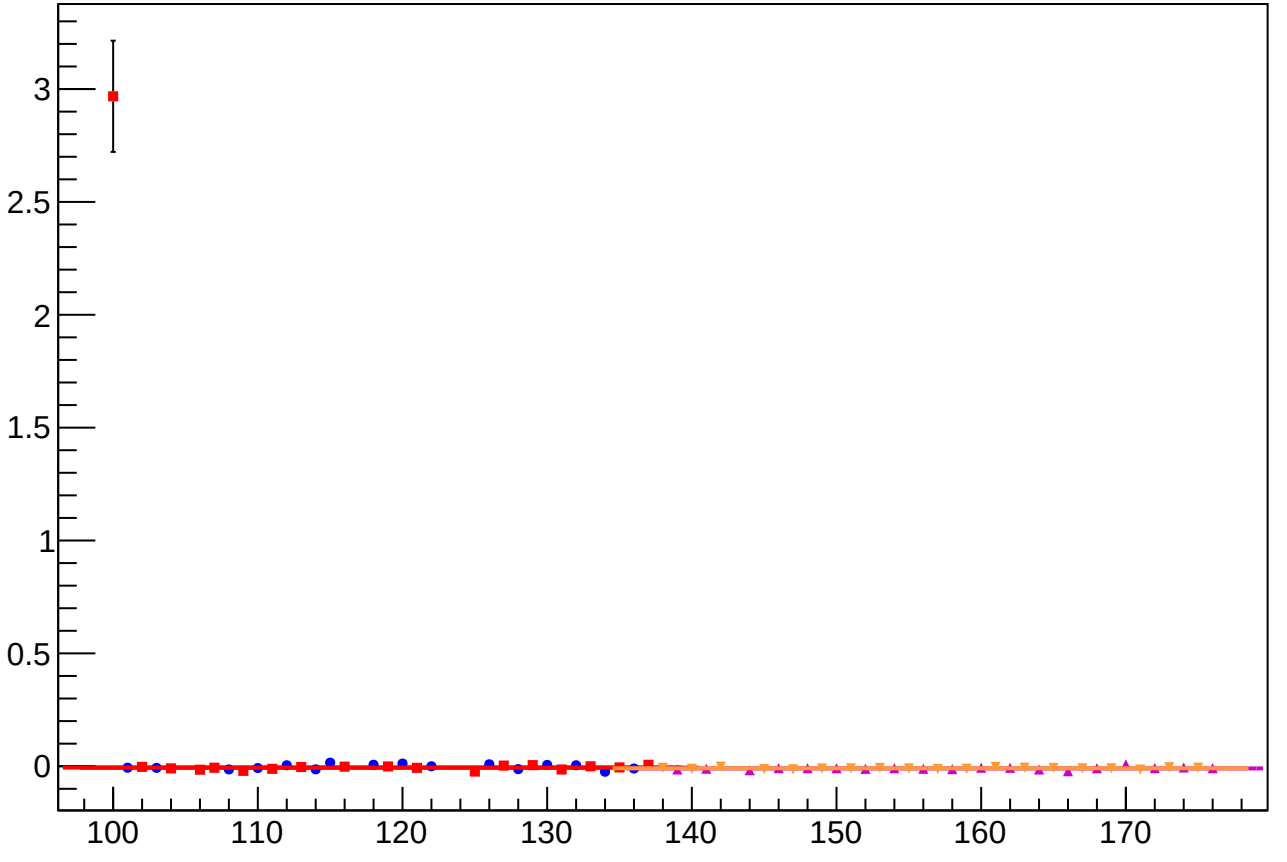
Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: -0.026+/-0.015 χ^2/NDF:49.0/34

Out: -0.004+/-0.015 χ^2/NDF:56.4/36

All: -0.015+/-0.011 χ^2/NDF: 106.5/71

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.009+/-0.001 χ^2/NDF:15.1/18

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.010+/-0.001 χ^2/NDF:32.3/18

Left: -0.009+/-0.001 χ^2/NDF: 47.7/37

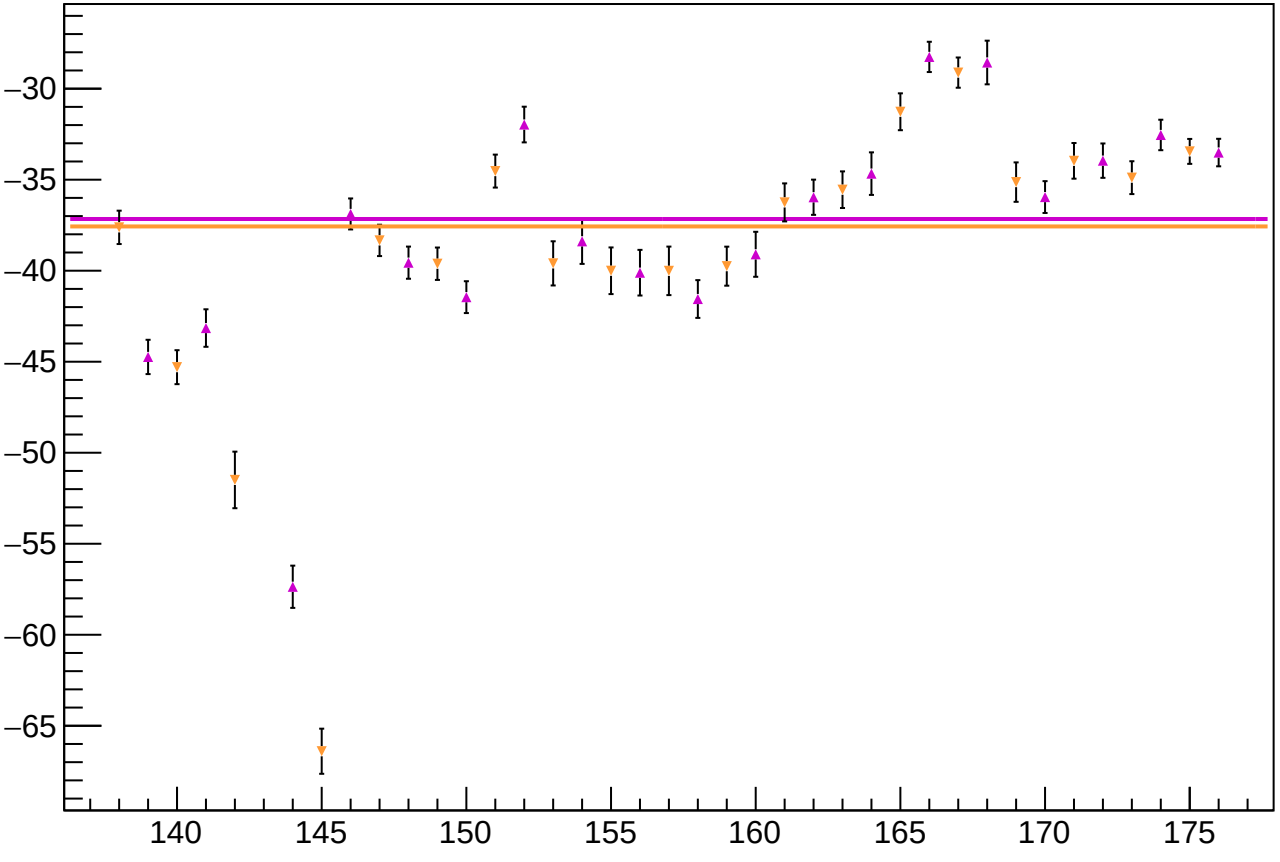
Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.009+/-0.001 χ^2/NDF:66.2/34

Out: -0.008+/-0.001 χ^2/NDF:184.1/36

All: -0.009+/-0.001 χ^2/NDF: 250.6/71

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: -37.568+/-0.226 χ^2/NDF:932.8/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -37.159+/-0.222 χ^2/NDF:727.5/18

Left: -37.360+/-0.159 χ^2/NDF: 1662.0/37

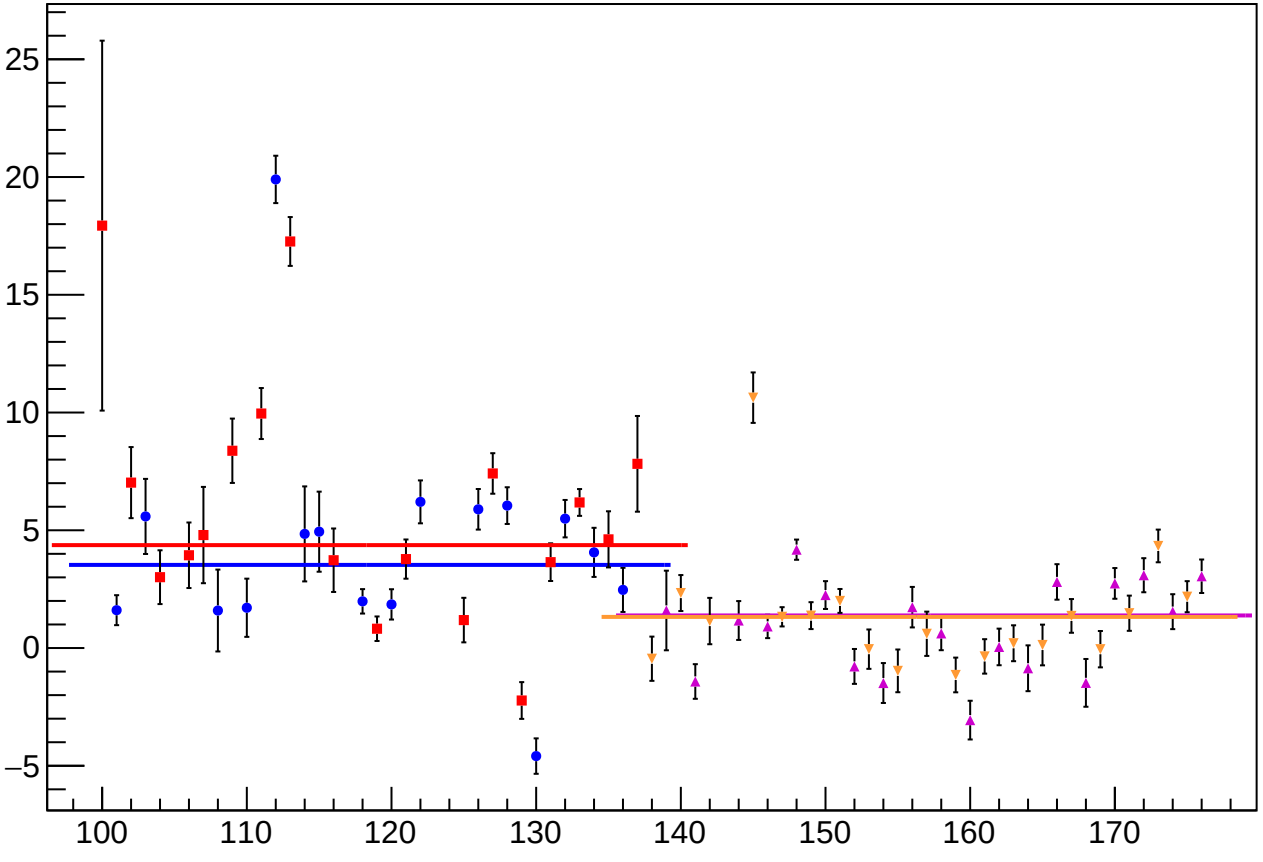
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -37.159+/-0.222 χ^2/NDF:727.5/18

Out: -37.568+/-0.226 χ^2/NDF:932.8/18

All: -37.360+/-0.159 χ^2/NDF: 1662.0/37

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530+/-0.217 χ^2/NDF: 446.6/15

Left Out: 1.322+/-0.162 χ^2/NDF:136.6/18

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.383+/-0.163 χ^2/NDF:145.8/18

Left: 1.352+/-0.115 χ^2/NDF: 282.5/37

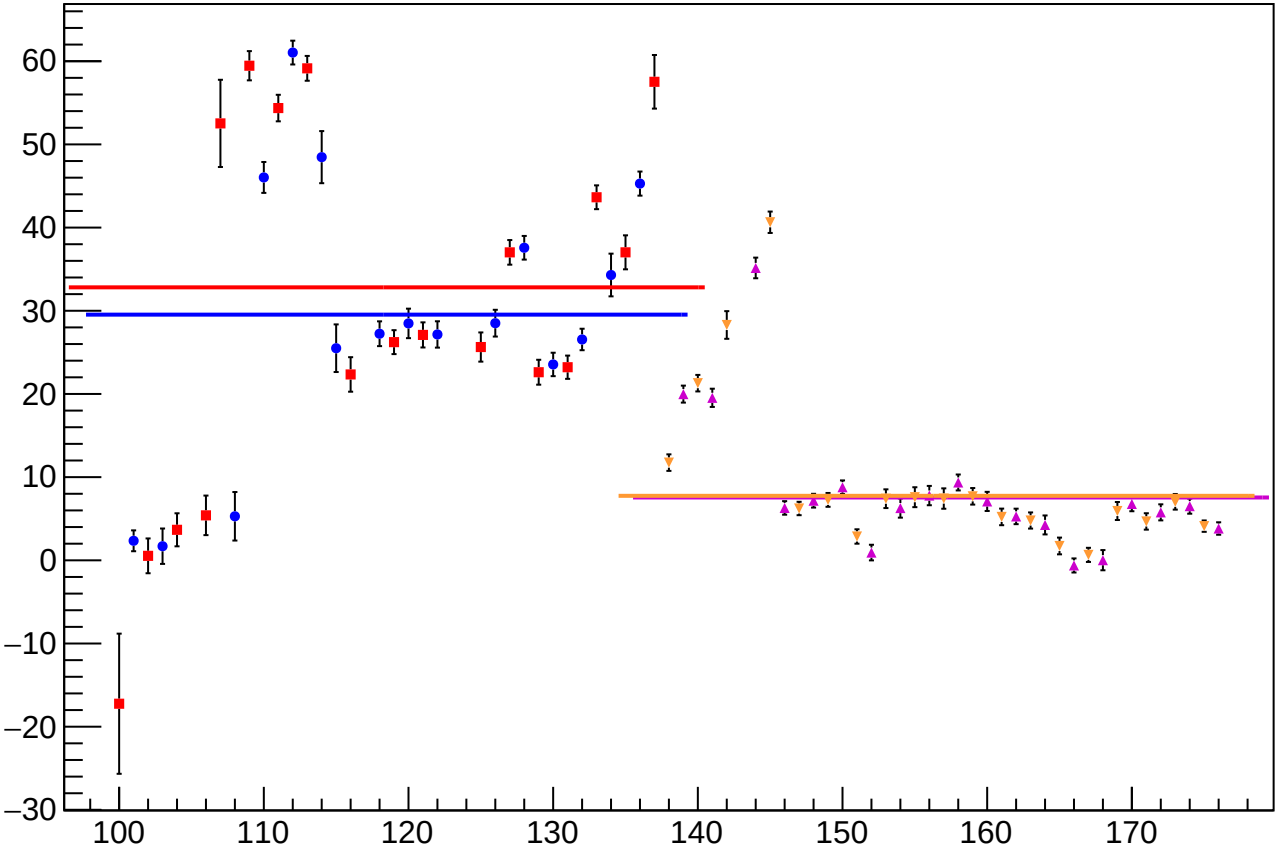
Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.157+/-0.131 χ^2/NDF:654.8/34

Out: 2.361+/-0.132 χ^2/NDF:610.8/36

All: 2.258+/-0.093 χ^2/NDF: 1266.8/71

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 7.754+/-0.223 χ^2/NDF:1207.2/18

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 7.554+/-0.220 χ^2/NDF:998.3/18

Left: 7.652+/-0.157 χ^2/NDF: 2205.9/37

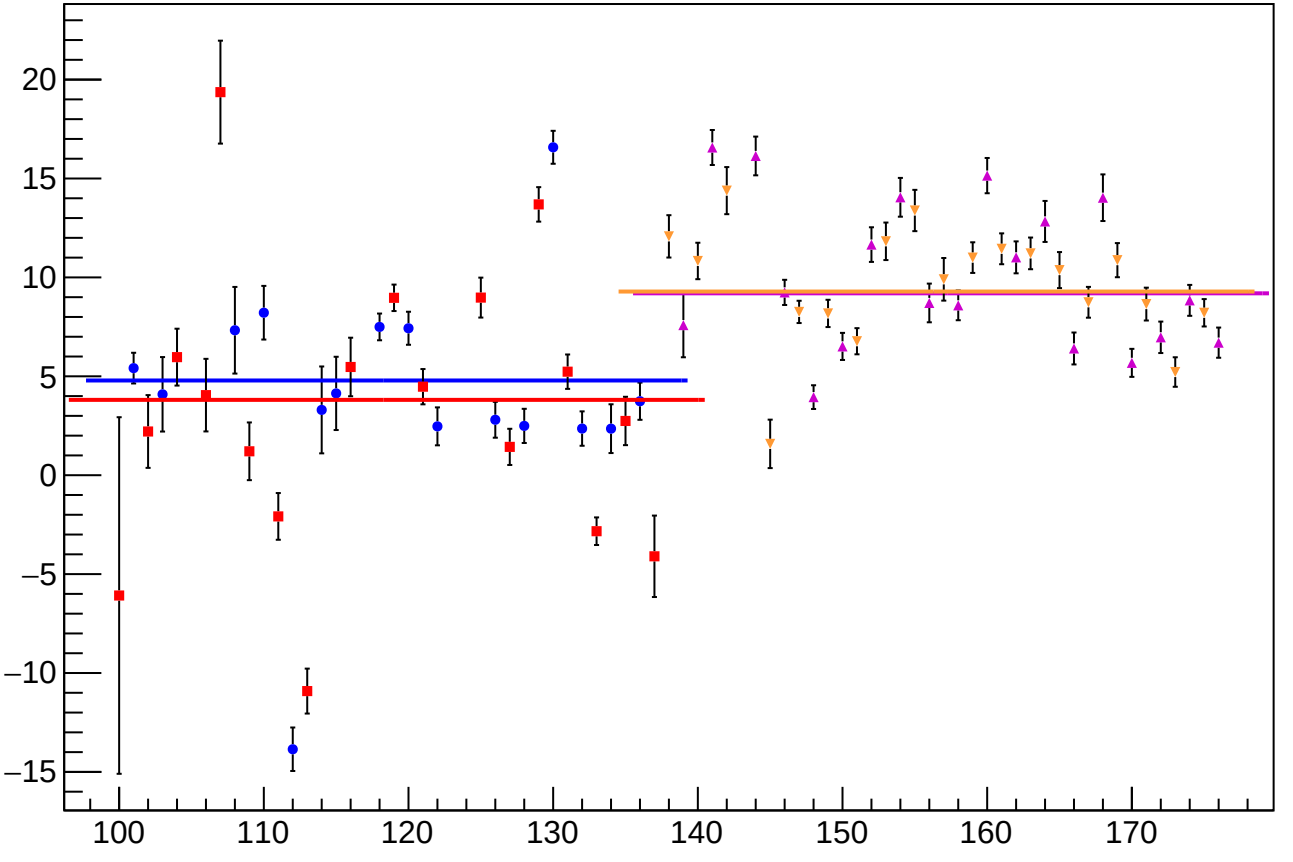
Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 12.328+/-0.194 χ^2/NDF:4670.9/34

Out: 13.215+/-0.197 χ^2/NDF:5613.9/36

All: 12.764+/-0.138 χ^2/NDF: 10295.0/71

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 9.285+/-0.188 χ^2/NDF:167.2/18

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 9.195+/-0.188 χ^2/NDF:380.1/18

Left: 9.240+/-0.133 χ^2/NDF: 547.3/37

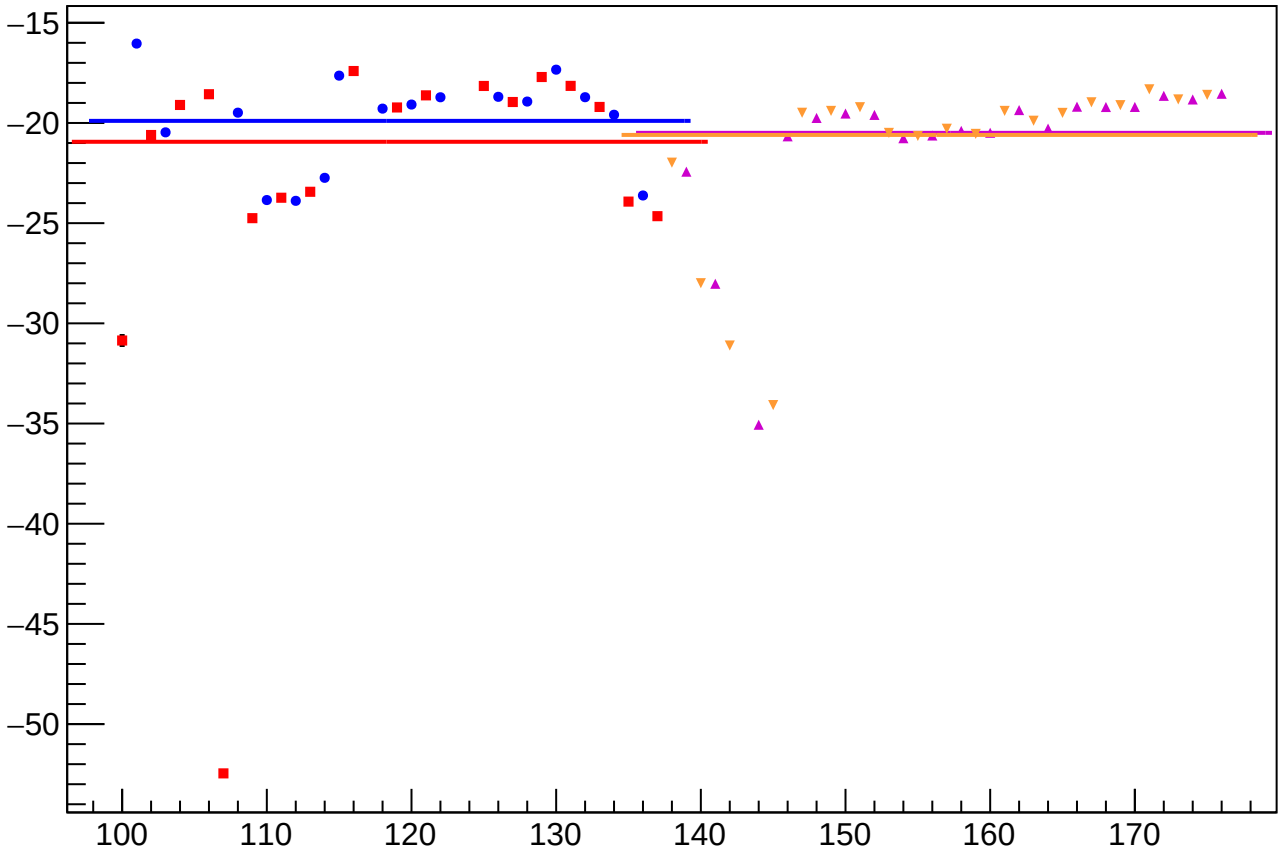
Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 7.608+/-0.151 χ^2/NDF:1130.8/34

Out: 7.393+/-0.152 χ^2/NDF:1027.7/36

All: 7.502+/-0.107 χ^2/NDF: 2159.5/71

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -20.596+/-0.009 χ^2/NDF:144816.0/18

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -20.493+/-0.009 χ^2/NDF:118679.1/18

Left: -20.543+/-0.006 χ^2/NDF: 263564.1/37

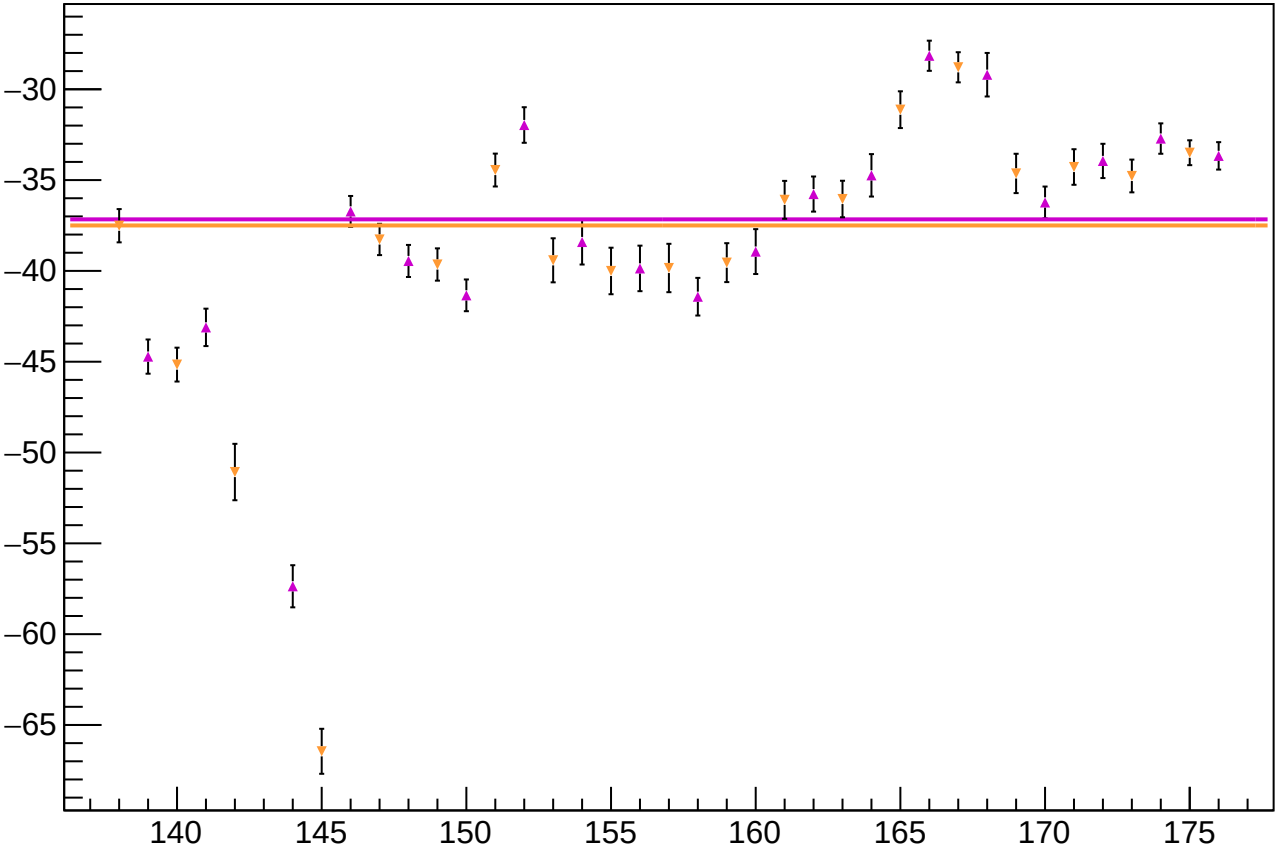
Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -20.351+/-0.008 χ^2/NDF:145877.5/34

Out: -20.679+/-0.008 χ^2/NDF:239240.9/36

All: -20.511+/-0.005 χ^2/NDF: 386034.2/71

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: -37.498+/-0.226 χ^2/NDF:936.1/18

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -37.163+/-0.222 χ^2/NDF:714.4/18

Left: -37.327+/-0.158 χ^2/NDF: 1651.6/37

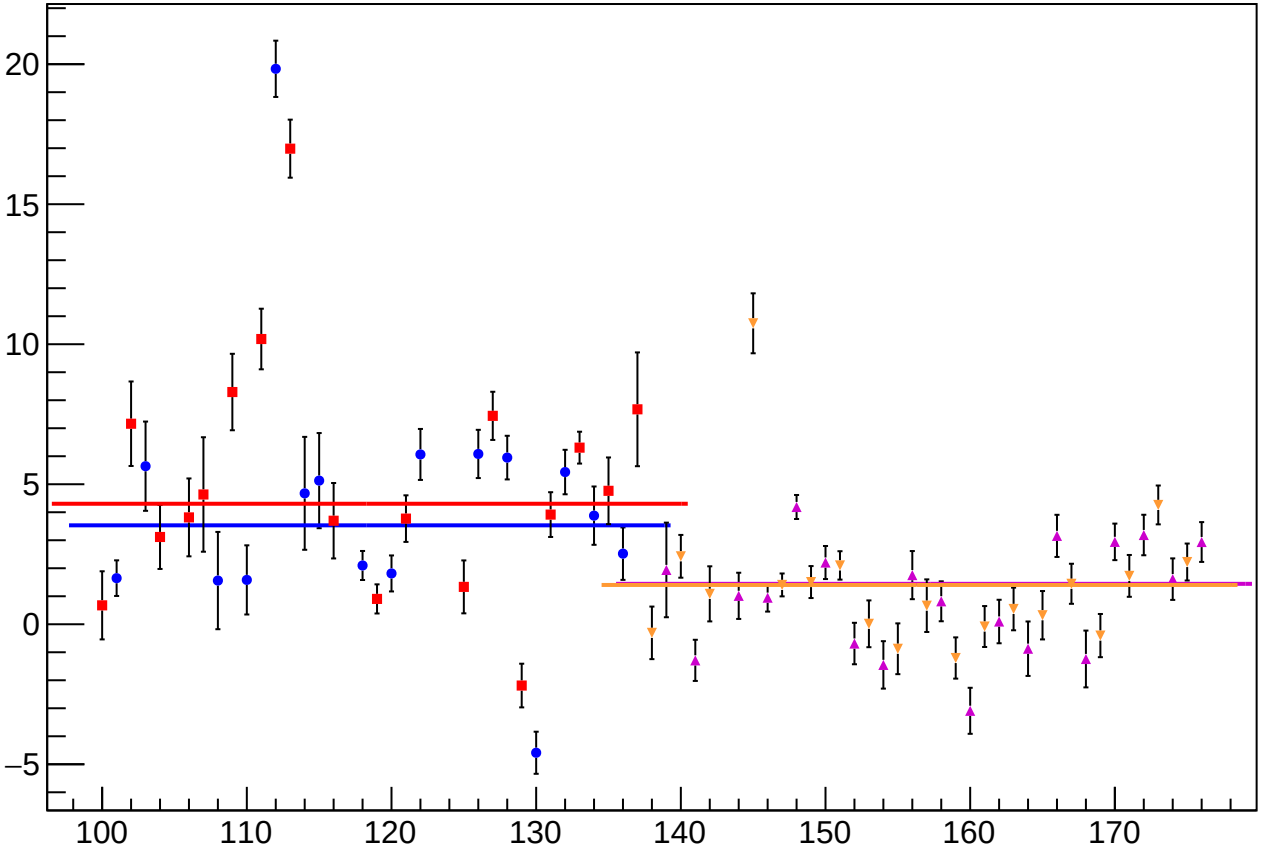
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -37.163+/-0.222 χ^2/NDF:714.4/18

Out: -37.498+/-0.226 χ^2/NDF:936.1/18

All: -37.327+/-0.158 χ^2/NDF: 1651.6/37

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532+/-0.217 χ^2/NDF: 443.2/15

Left Out: 1.404+/-0.162 χ^2/NDF:136.7/18

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.443+/-0.163 χ^2/NDF:145.5/18

Left: 1.423+/-0.115 χ^2/NDF: 282.3/37

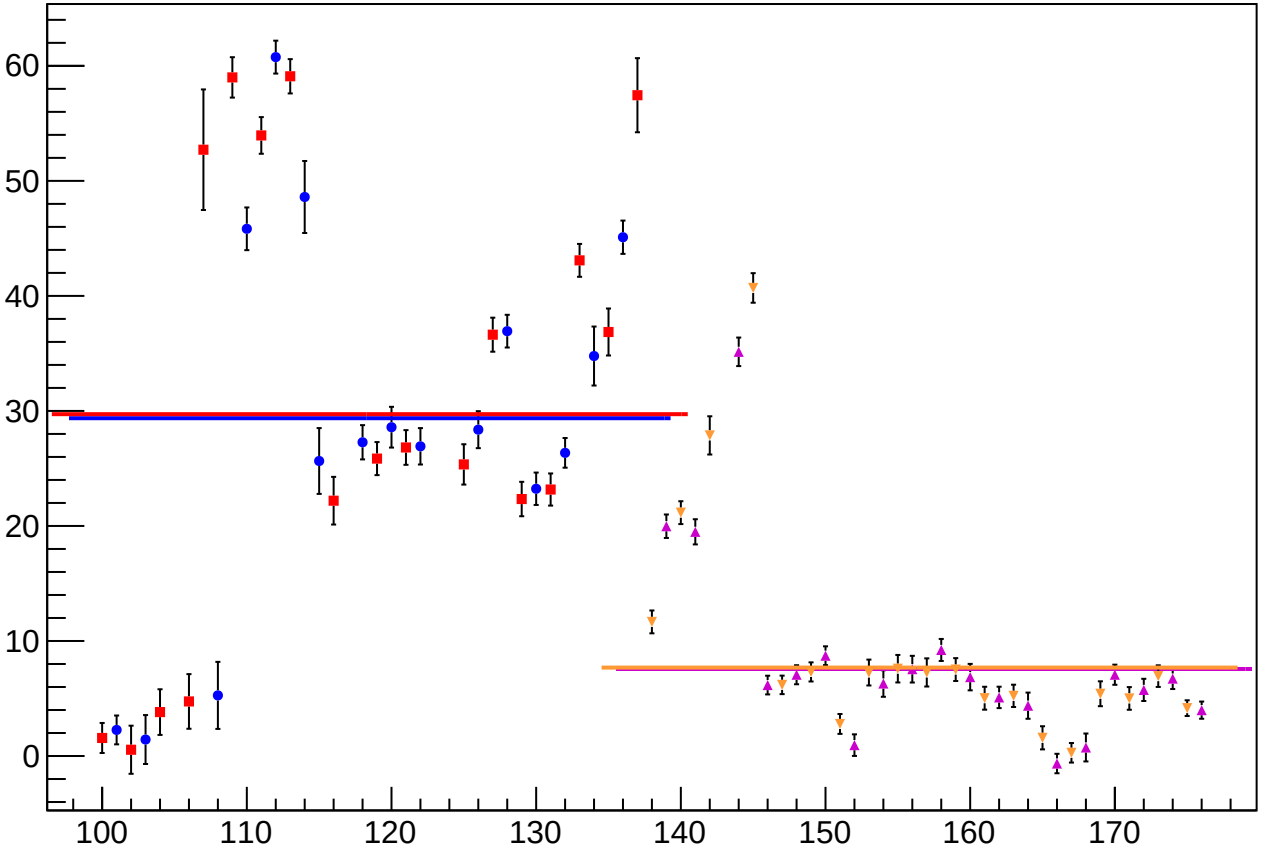
Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 2.197+/-0.130 χ^2/NDF:647.9/34

Out: 2.414+/-0.131 χ^2/NDF:601.1/36

All: 2.305+/-0.092 χ^2/NDF: 1250.4/71

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 7.687+/-0.223 χ^2/NDF:1208.4/18

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 7.566+/-0.219 χ^2/NDF:989.3/18

Left: 7.625+/-0.156 χ^2/NDF: 2197.8/37

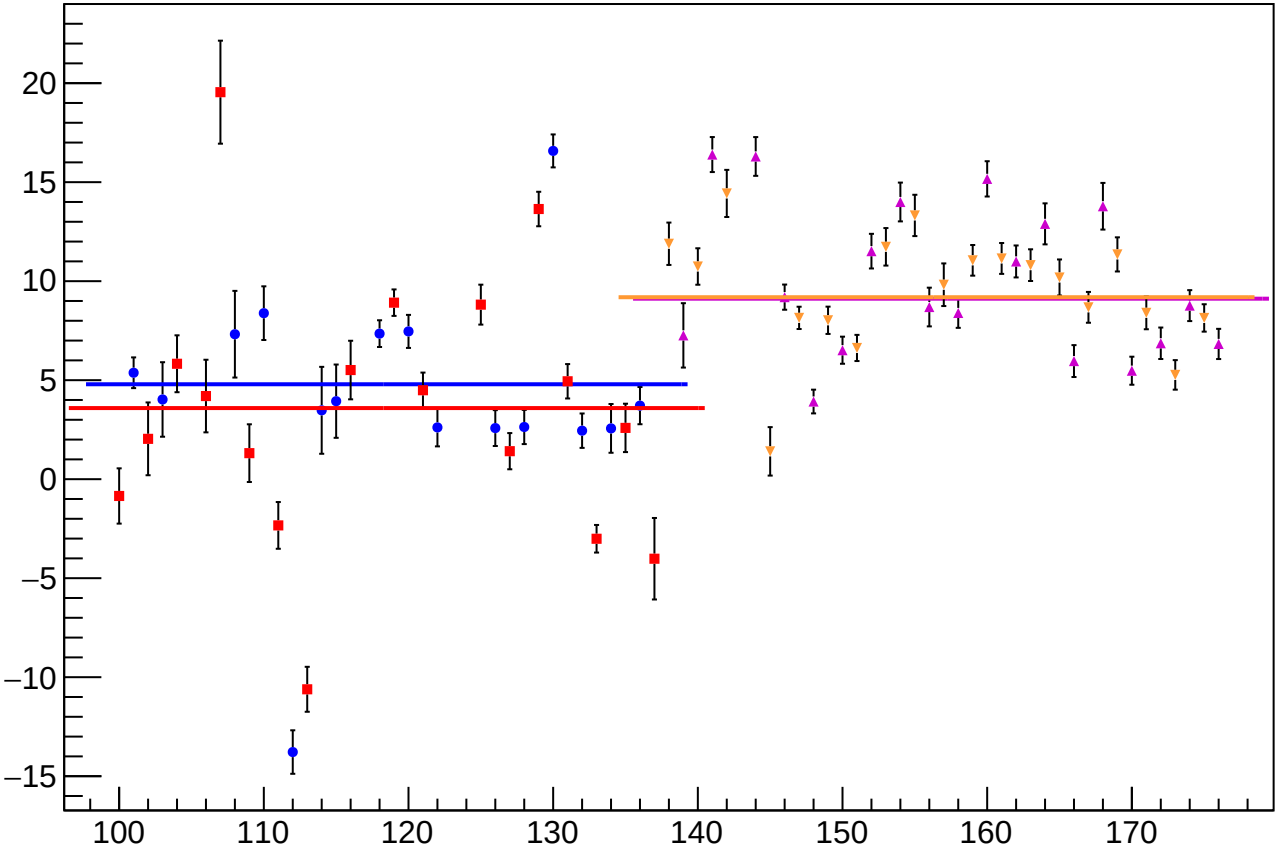
Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 12.301+/-0.194 χ^2/NDF:4623.0/34

Out: 12.865+/-0.195 χ^2/NDF:5630.5/36

All: 12.581+/-0.138 χ^2/NDF: 10257.7/71

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 9.189+/-0.188 χ^2/NDF:168.6/18

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 9.116+/-0.188 χ^2/NDF:385.5/18

Left: 9.153+/-0.133 χ^2/NDF: 554.2/37

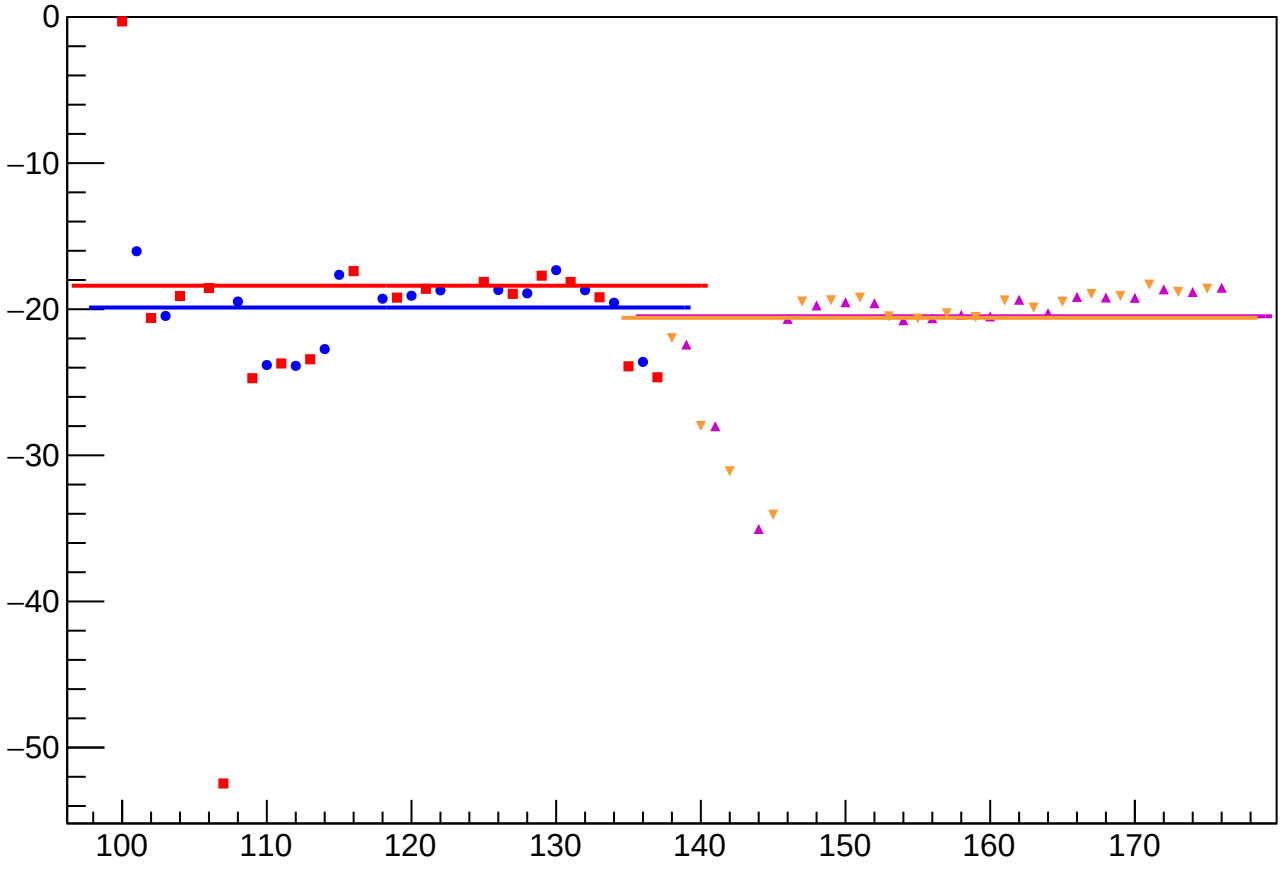
Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 7.559+/-0.151 χ^2/NDF:1125.1/34

Out: 7.213+/-0.151 χ^2/NDF:1055.0/36

All: 7.386+/-0.107 χ^2/NDF: 2182.7/71

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -20.588+/-0.009 χ^2/NDF:144895.8/18

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -20.484+/-0.009 χ^2/NDF:118589.5/18

Left: -20.535+/-0.006 χ^2/NDF: 263555.8/37

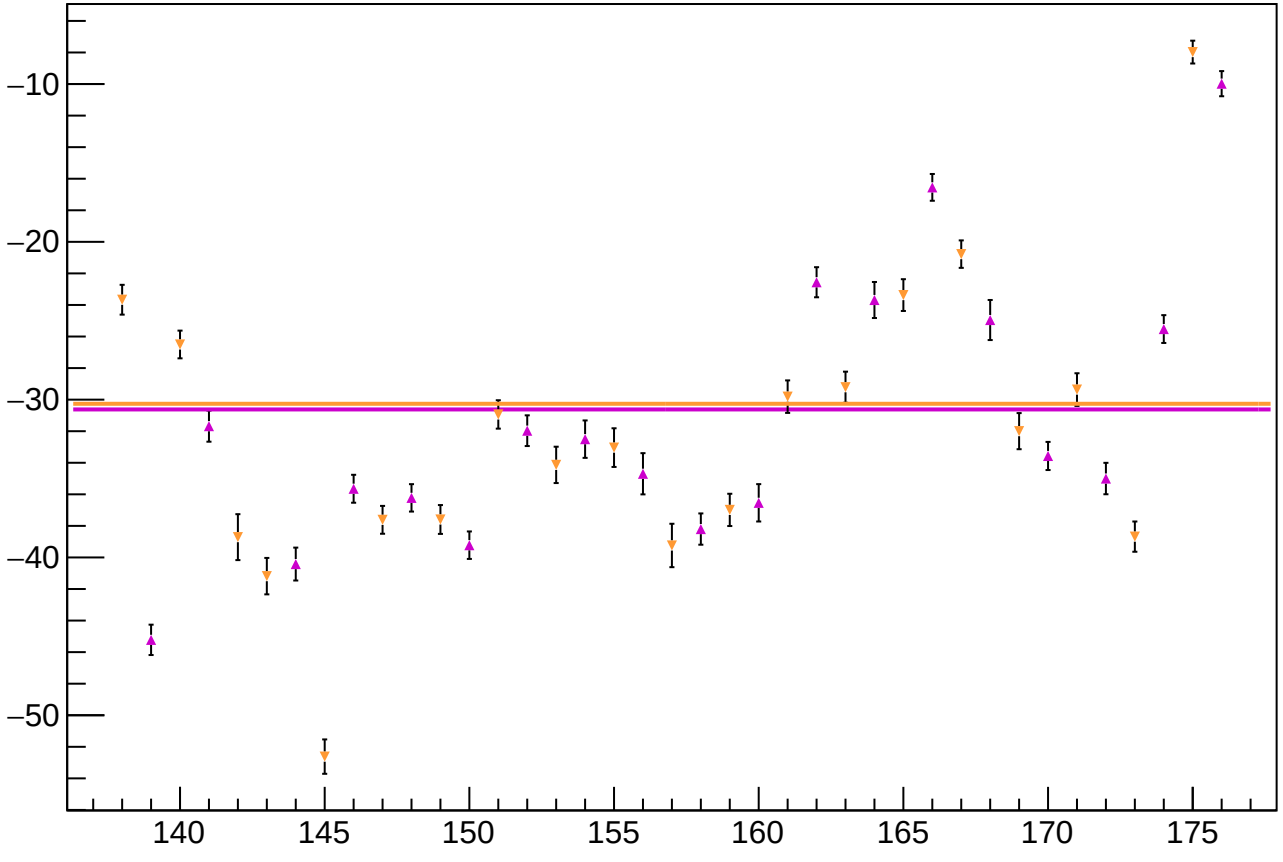
Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -20.342+/-0.008 χ^2/NDF:145791.4/34

Out: -19.999+/-0.008 χ^2/NDF:462434.1/36

All: -20.172+/-0.005 χ^2/NDF: 609242.8/71

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -30.262+/-0.223 χ^2/NDF:2044.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -30.621+/-0.223 χ^2/NDF:1726.8/18

Left: -30.441+/-0.158 χ^2/NDF: 3772.6/38

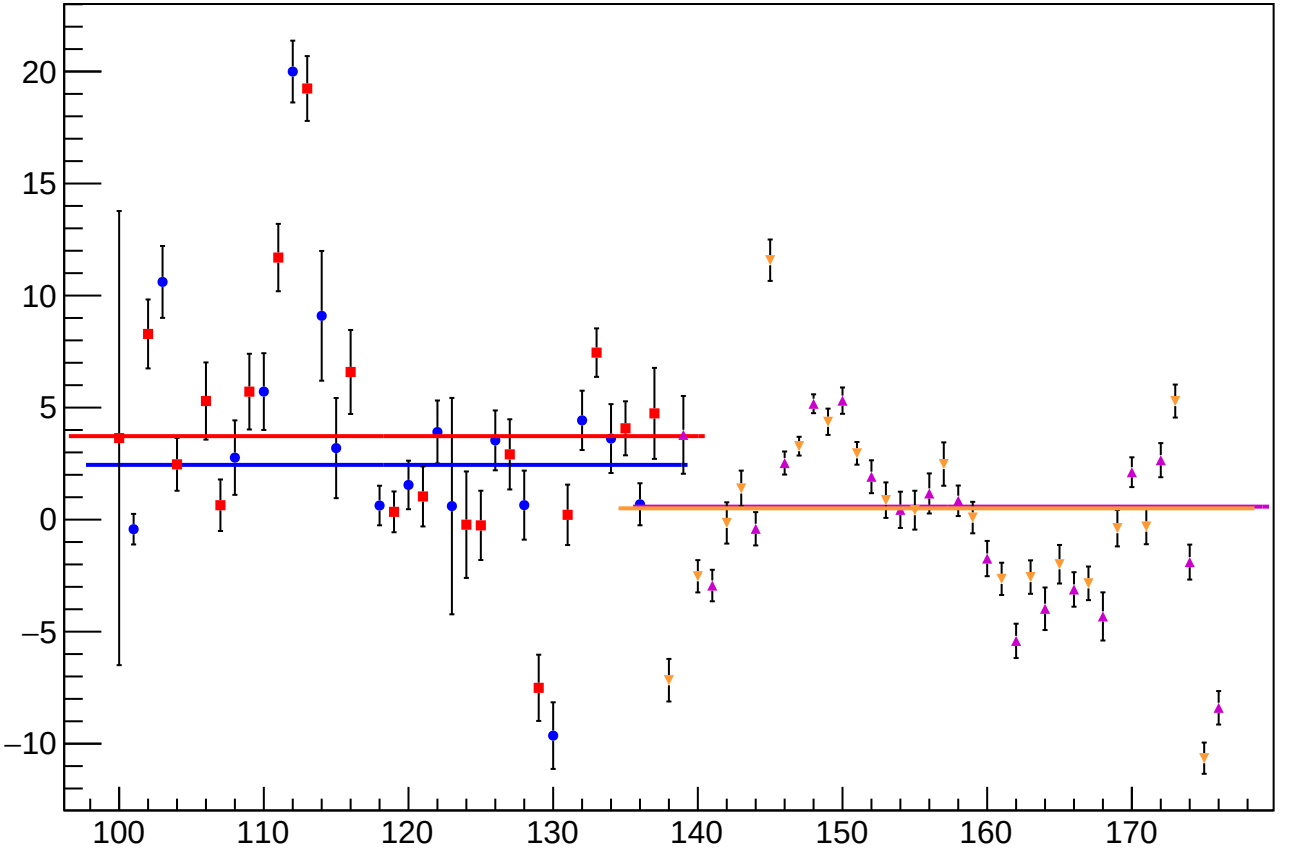
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.621+/-0.223 χ^2/NDF:1726.8/18

Out: -30.262+/-0.223 χ^2/NDF:2044.5/19

All: -30.441+/-0.158 χ^2/NDF: 3772.6/38

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: 0.504+/-0.159 χ^2/NDF:708.7/19

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: 0.580+/-0.163 χ^2/NDF:535.9/18

Left: 0.541+/-0.114 χ^2/NDF: 1244.8/38

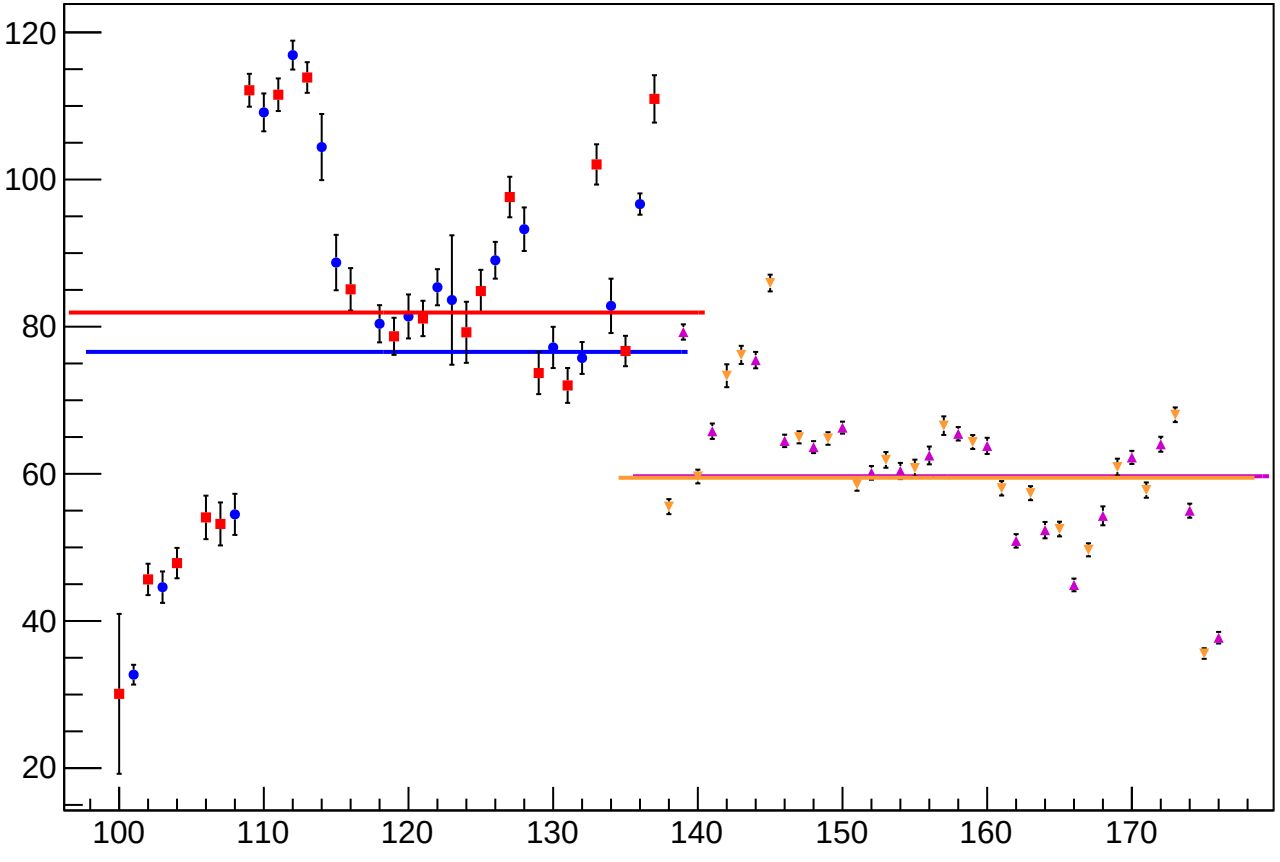
Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: 0.981+/-0.144 χ^2/NDF:859.4/35

Out: 1.123+/-0.143 χ^2/NDF:1056.3/38

All: 1.053+/-0.102 χ^2/NDF: 1916.2/74

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.572+/-0.573 χ^2/NDF: 2253.6/16

Left Out: 59.466+/-0.221 χ^2/NDF:2315.8/19

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 59.672+/-0.220 χ^2/NDF:2039.9/18

Left: 59.569+/-0.156 χ^2/NDF: 4356.1/38

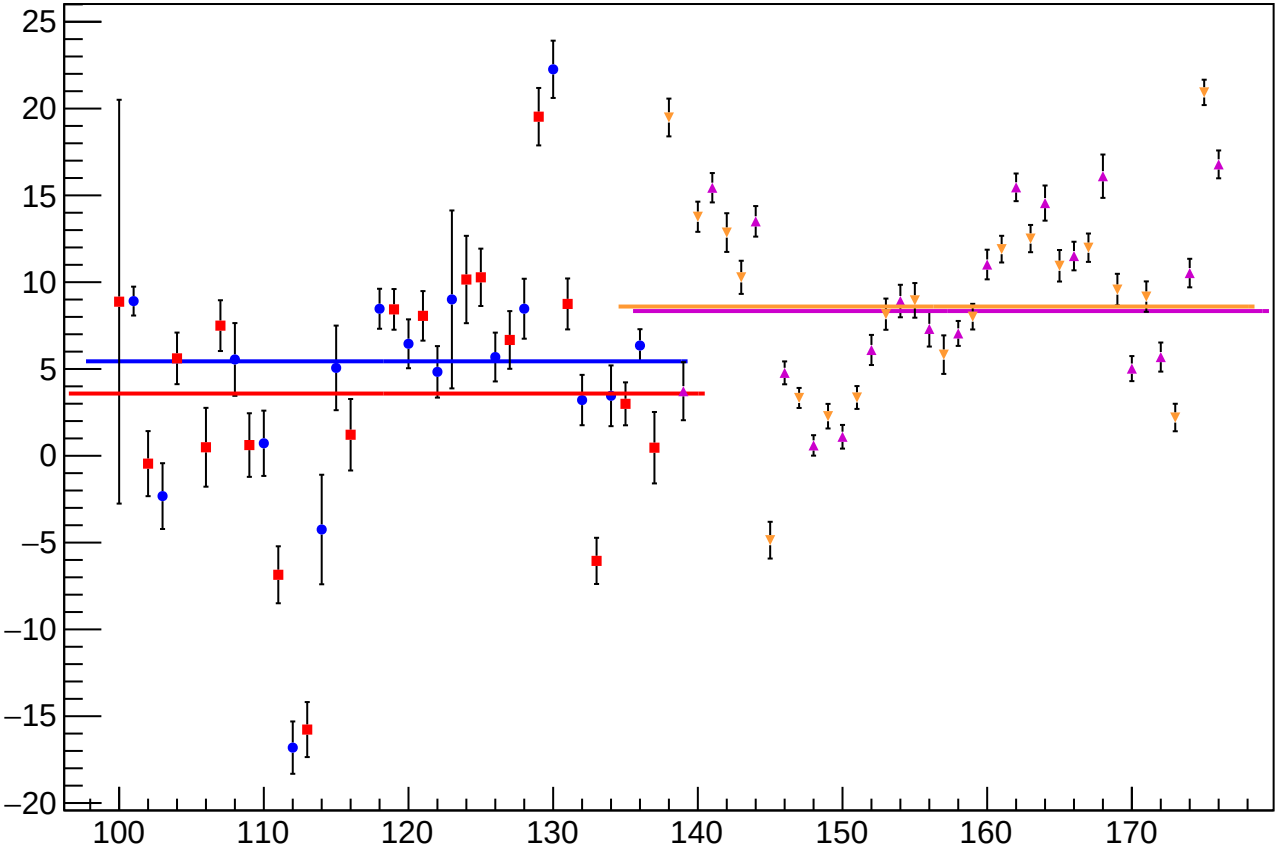
Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 61.848+/-0.206 χ^2/NDF:5050.6/35

Out: 62.209+/-0.207 χ^2/NDF:5150.0/38

All: 62.027+/-0.146 χ^2/NDF: 10202.1/74

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442+/-0.357 χ^2/NDF: 387.5/16

Left Out: 8.597+/-0.185 χ^2/NDF:967.3/19

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 8.336+/-0.188 χ^2/NDF:768.6/18

Left: 8.469+/-0.132 χ^2/NDF: 1736.9/38

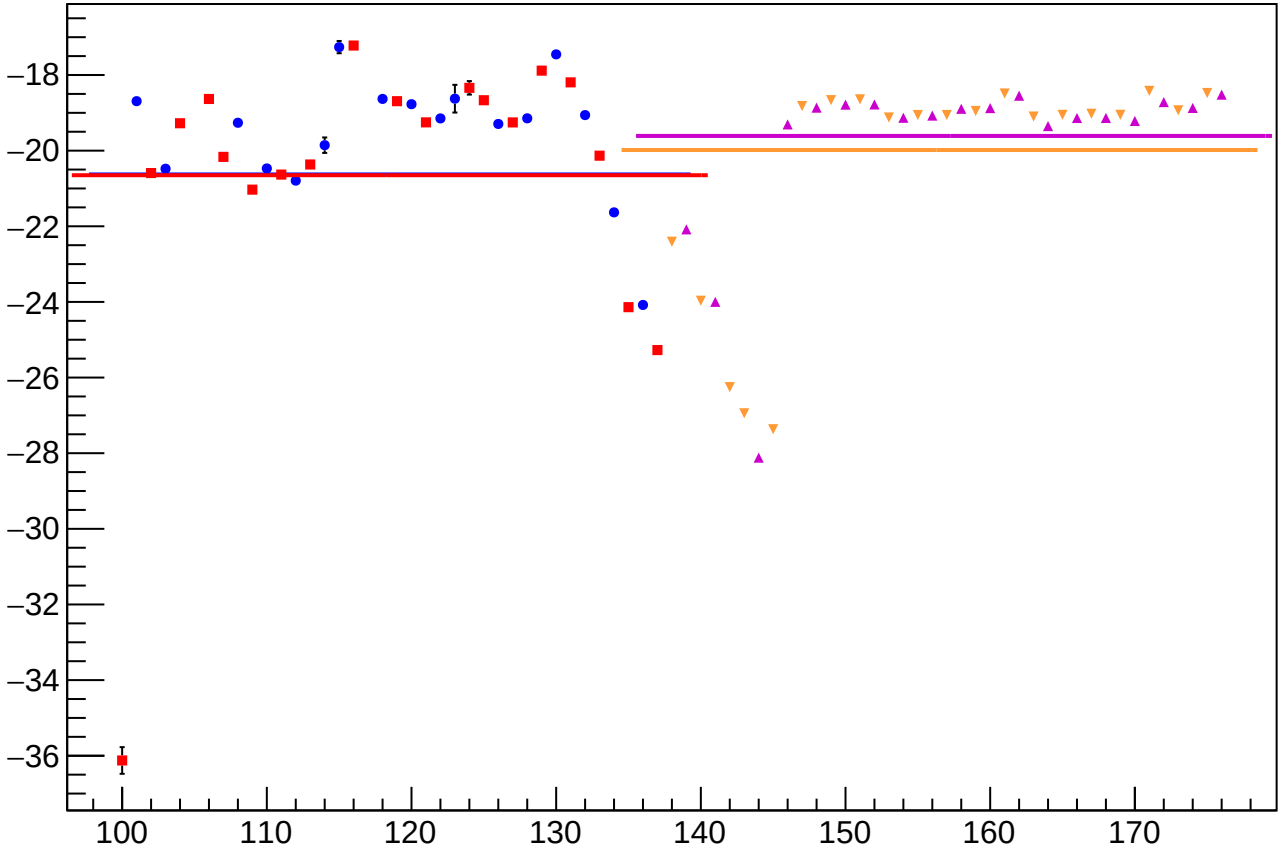
Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 7.706+/-0.167 χ^2/NDF:1207.4/35

Out: 7.616+/-0.166 χ^2/NDF:1534.0/38

All: 7.661+/-0.118 χ^2/NDF: 2741.6/74

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -19.983+/-0.009 χ^2/NDF:84237.8/19

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -19.611+/-0.009 χ^2/NDF:51688.7/18

Left: -19.795+/-0.006 χ^2/NDF: 136830.0/38

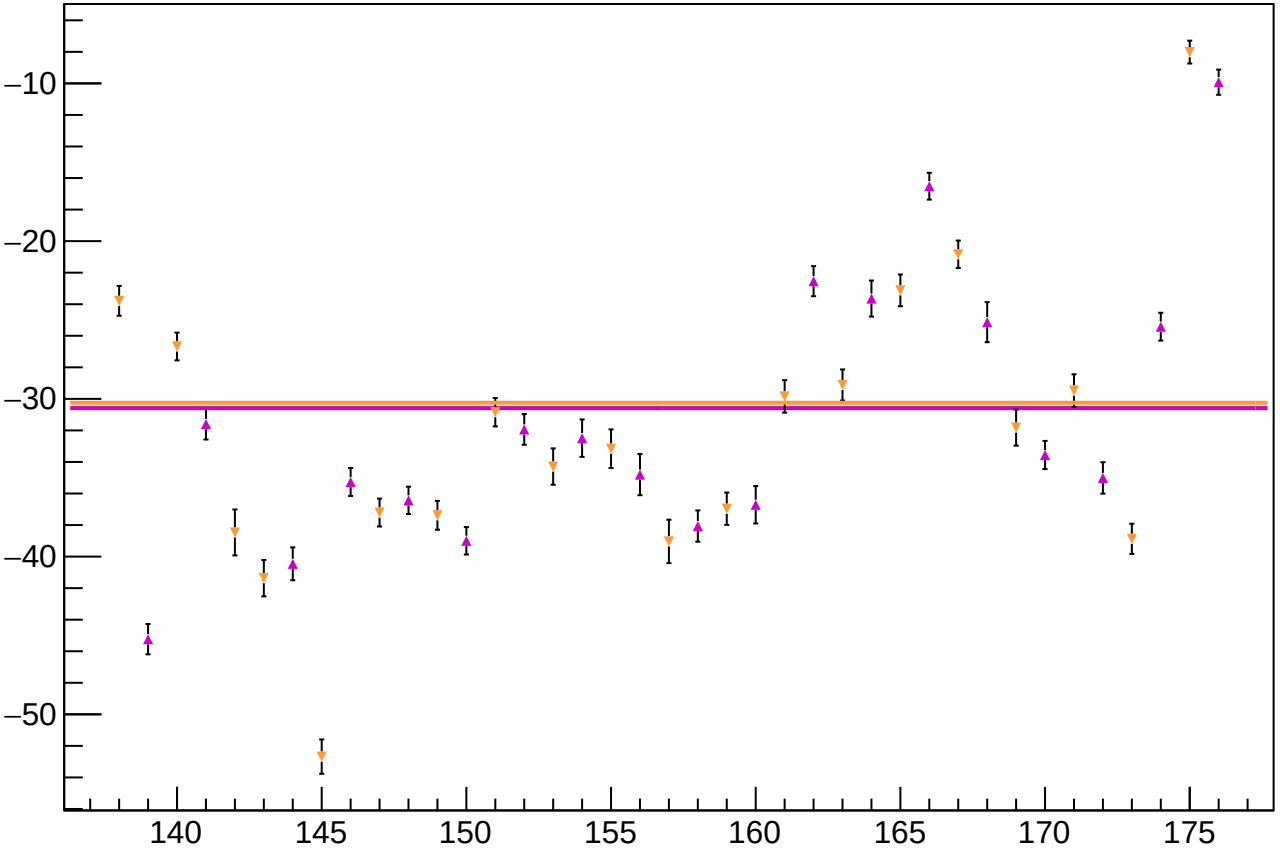
Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -19.784+/-0.008 χ^2/NDF:66502.4/35

Out: -20.097+/-0.008 χ^2/NDF:99098.6/38

All: -19.938+/-0.006 χ^2/NDF: 166372.9/74

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -30.244+/-0.223 χ^2/NDF:2032.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -30.585+/-0.224 χ^2/NDF:1723.6/18

Left: -30.414+/-0.158 χ^2/NDF: 3757.0/38

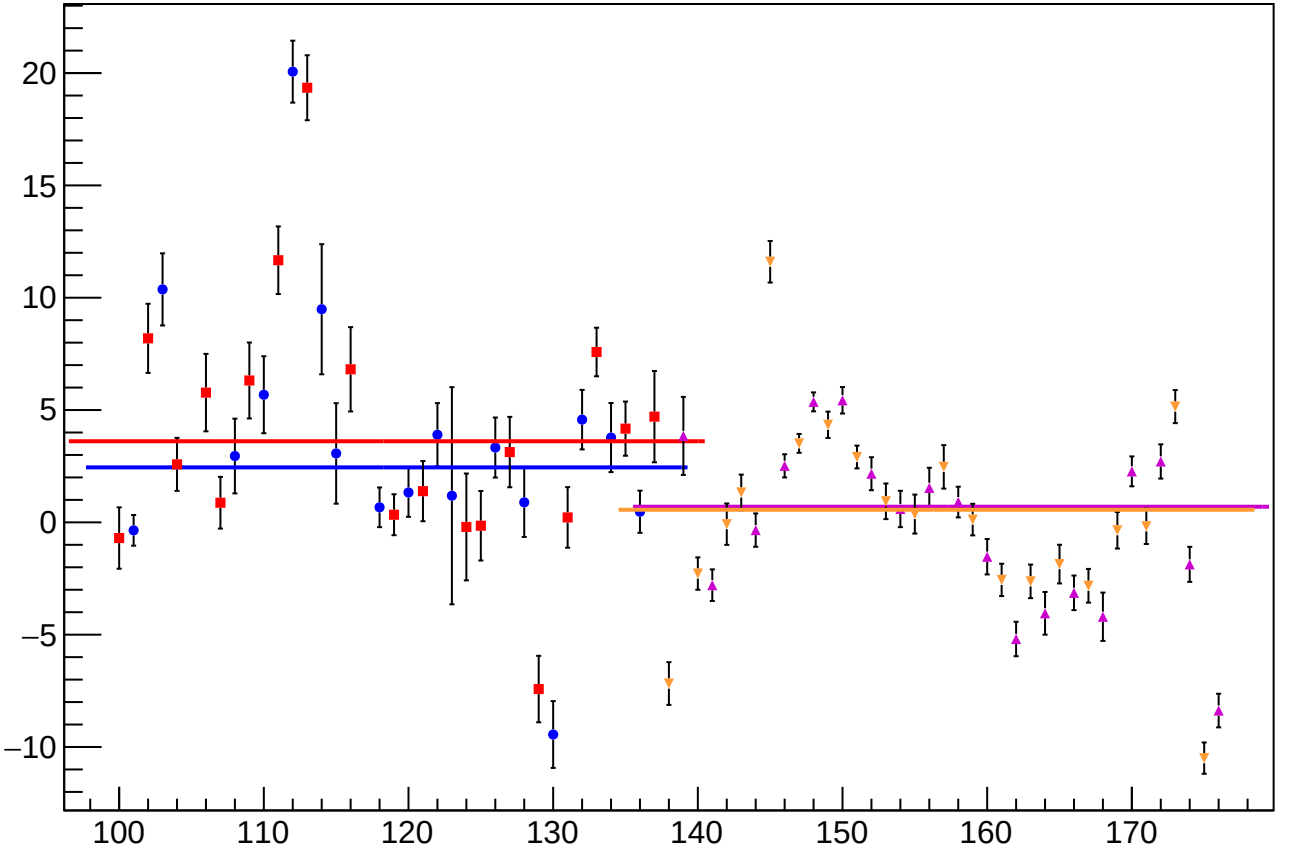
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.585+/-0.224 χ^2/NDF:1723.6/18

Out: -30.244+/-0.223 χ^2/NDF:2032.2/19

All: -30.414+/-0.158 χ^2/NDF: 3757.0/38

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: 0.561+/-0.159 χ^2/NDF:700.8/19

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: 0.696+/-0.163 χ^2/NDF:542.9/18

Left: 0.627+/-0.114 χ^2/NDF: 1244.1/38

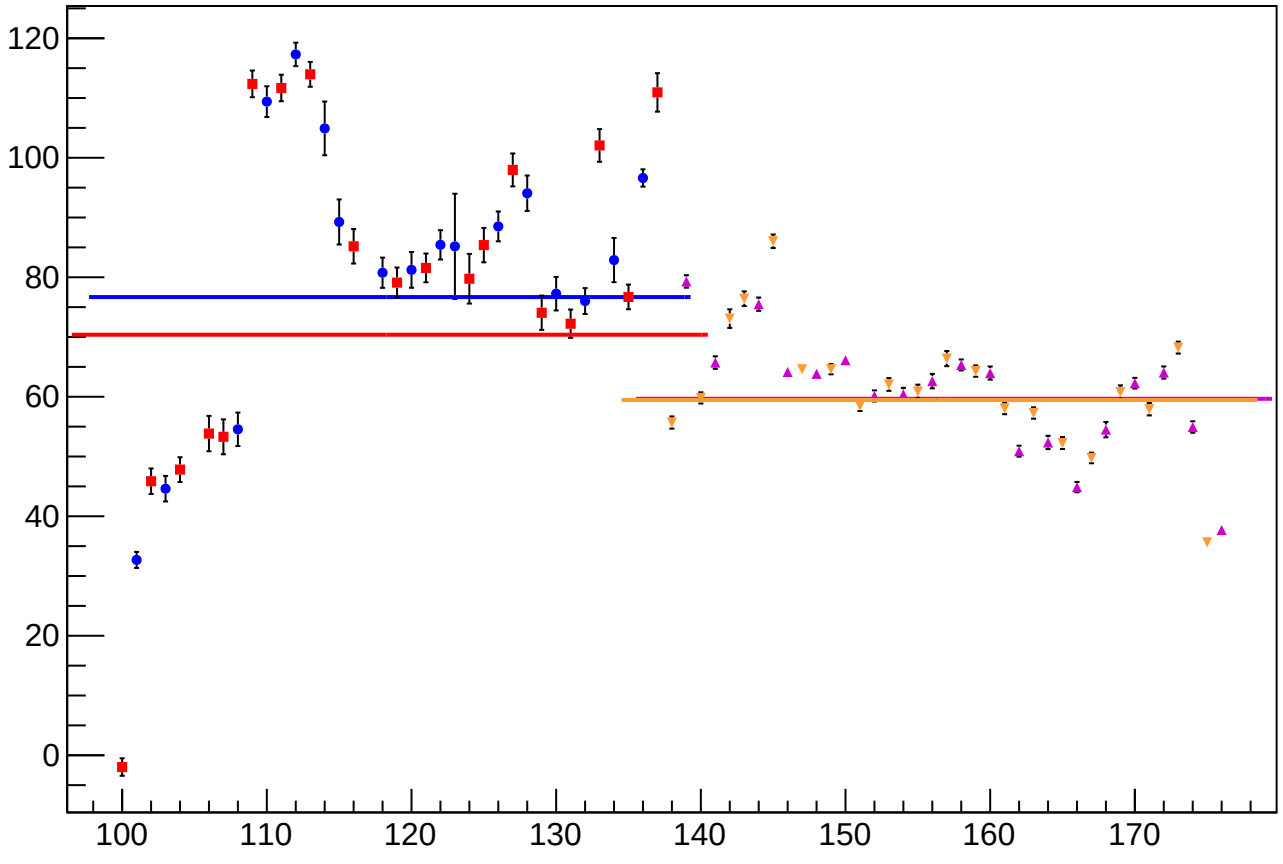
Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: 1.073+/-0.144 χ^2/NDF:861.1/35

Out: 1.173+/-0.143 χ^2/NDF:1053.7/38

All: 1.124+/-0.101 χ^2/NDF: 1915.0/74

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.687+/-0.574 χ^2/NDF: 2265.1/16

Left Out: 59.455+/-0.221 χ^2/NDF:2309.7/19

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 59.663+/-0.221 χ^2/NDF:2035.2/18

Left: 59.559+/-0.156 χ^2/NDF: 4345.4/38

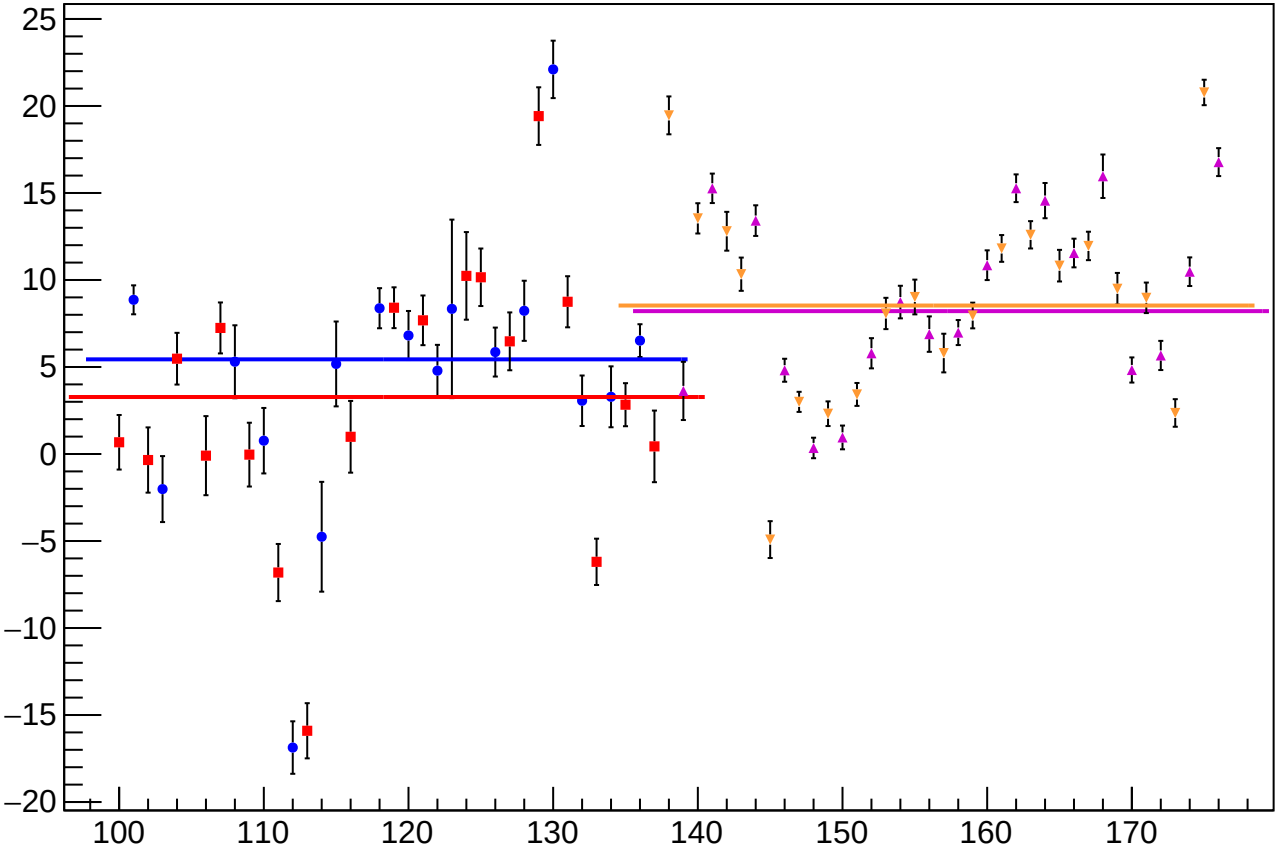
Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 61.855+/-0.206 χ^2/NDF:5067.6/35

Out: 60.974+/-0.205 χ^2/NDF:7041.3/38

All: 61.413+/-0.145 χ^2/NDF: 12118.1/74

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 8.532+/-0.185 χ^2/NDF:961.3/19

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 8.210+/-0.189 χ^2/NDF:777.0/18

Left: 8.374+/-0.132 χ^2/NDF: 1739.8/38

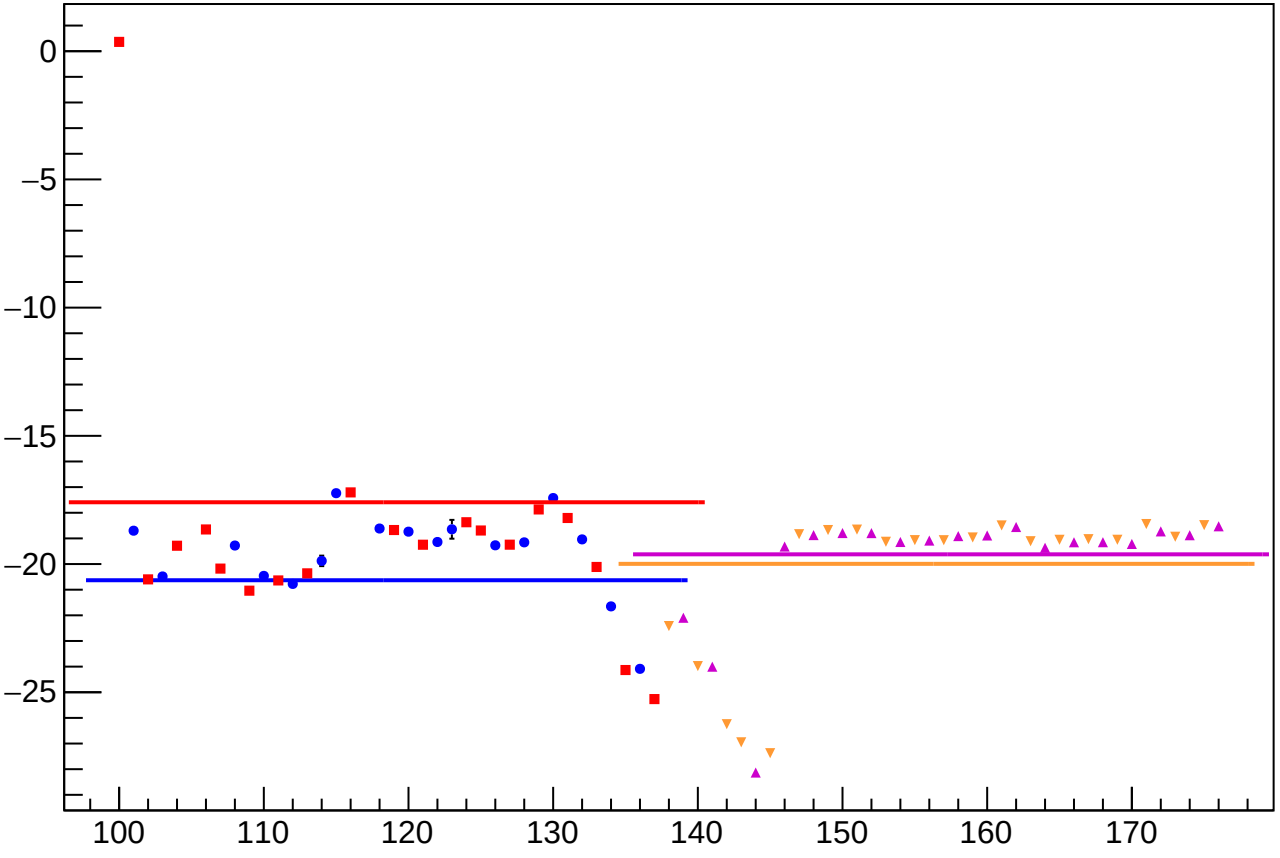
Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 7.607+/-0.167 χ^2/NDF:1210.0/35

Out: 7.457+/-0.165 χ^2/NDF:1551.8/38

All: 7.531+/-0.117 χ^2/NDF: 2762.2/74

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -19.992+/-0.009 χ^2/NDF:84090.0/19

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -19.621+/-0.009 χ^2/NDF:51633.2/18

Left: -19.804+/-0.006 χ^2/NDF: 136621.5/38

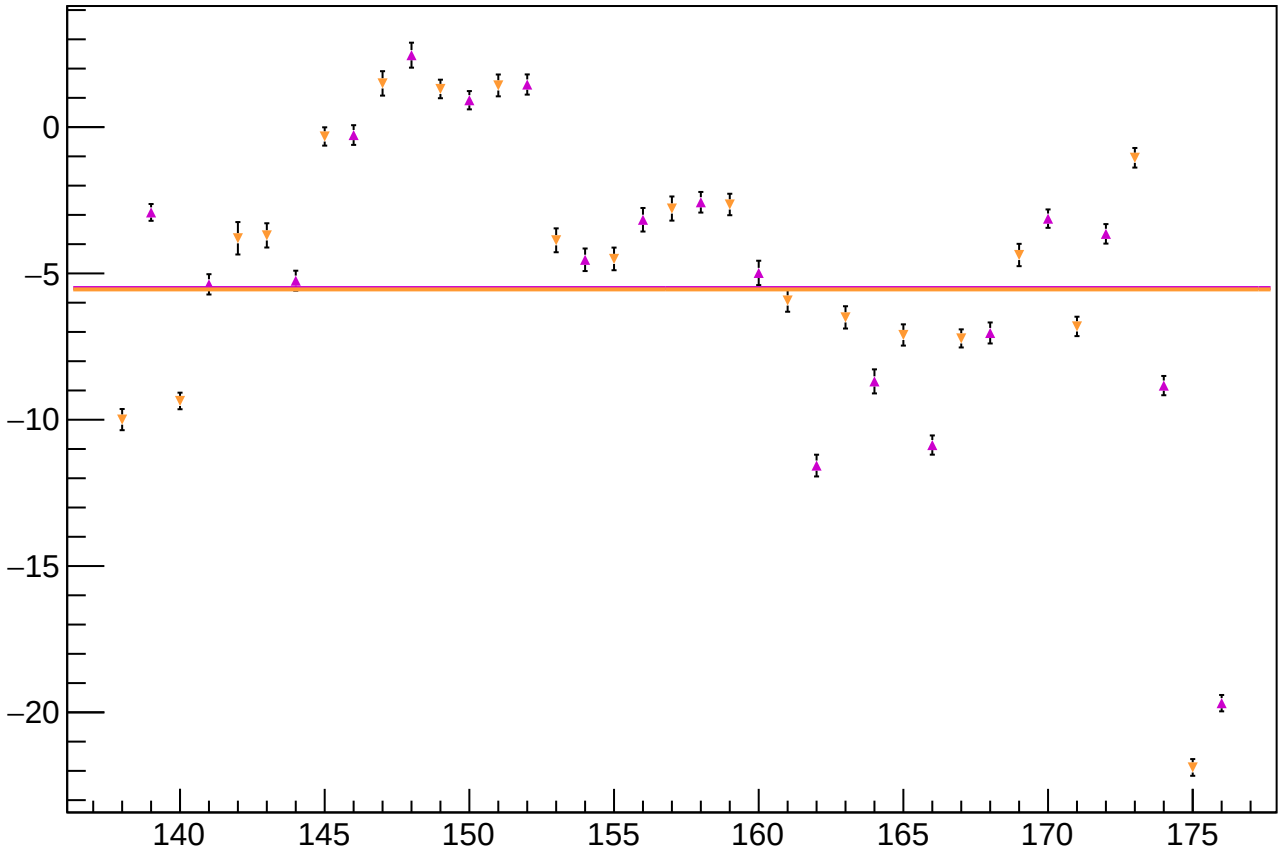
Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -19.792+/-0.008 χ^2/NDF:66444.3/35

Out: -19.528+/-0.008 χ^2/NDF:277108.4/38

All: -19.660+/-0.006 χ^2/NDF: 344107.3/74

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -5.546+/-0.080 χ^2/NDF:5400.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -5.500+/-0.079 χ^2/NDF:4986.4/18

Left: -5.523+/-0.056 χ^2/NDF: 10387.3/38

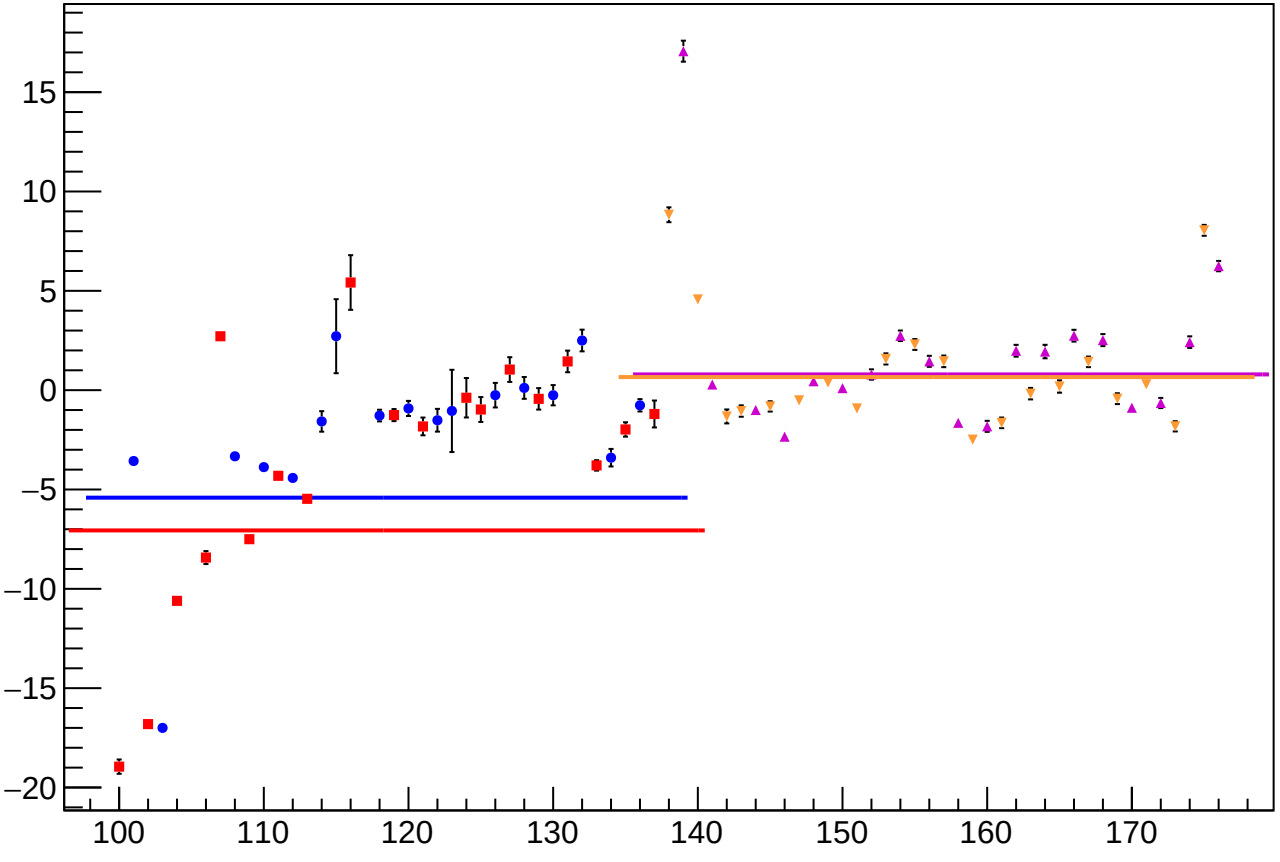
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.500+/-0.079 χ^2/NDF:4986.4/18

Out: -5.546+/-0.080 χ^2/NDF:5400.7/19

All: -5.523+/-0.056 χ^2/NDF: 10387.3/38

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.411+/-0.055 χ^2/NDF: 9261.2/16

Left Out: 0.659+/-0.059 χ^2/NDF:2072.9/19

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 0.793+/-0.060 χ^2/NDF:2137.9/18

Left: 0.725+/-0.042 χ^2/NDF: 4213.3/38

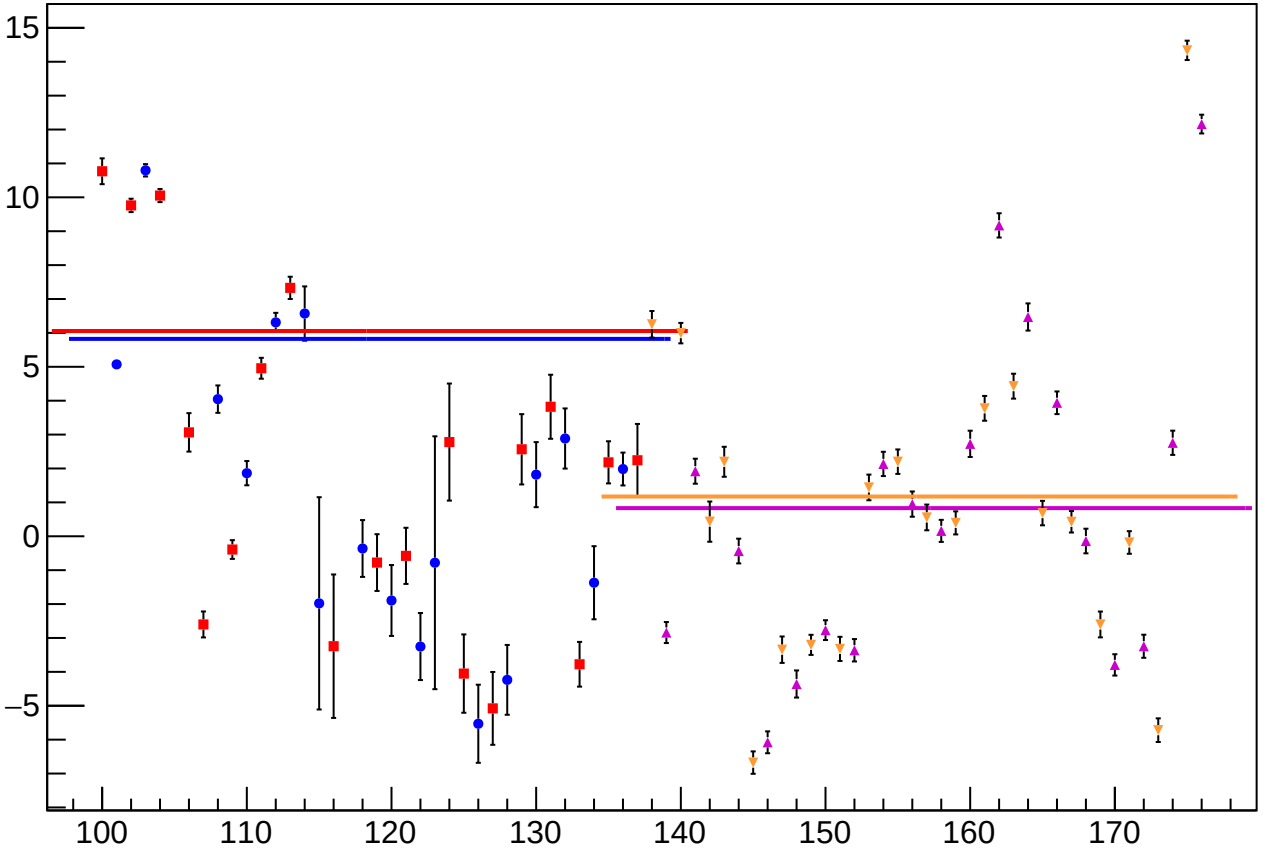
Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -2.595+/-0.040 χ^2/NDF:17229.7/35

Out: -3.179+/-0.042 χ^2/NDF:22997.6/38

All: -2.879+/-0.029 χ^2/NDF: 40328.3/74

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 1.172+/-0.079 χ^2/NDF:4287.9/19

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: 0.831+/-0.078 χ^2/NDF:4040.1/18

Left: 1.000+/-0.056 χ^2/NDF: 8337.4/38

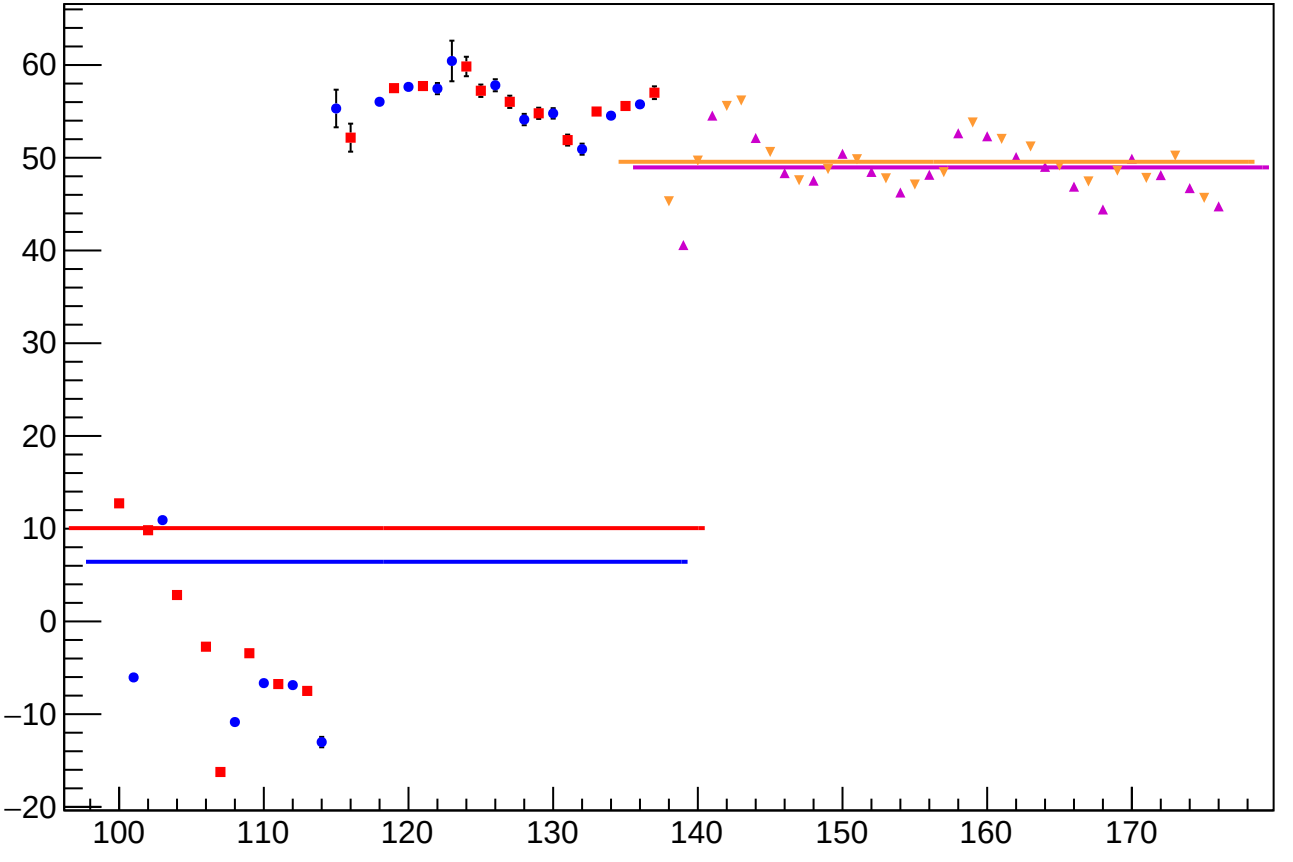
Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 2.992+/-0.059 χ^2/NDF:7254.2/35

Out: 3.216+/-0.060 χ^2/NDF:8549.4/38

All: 3.102+/-0.042 χ^2/NDF: 15810.6/74

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432+/-0.065 χ^2/NDF: 123486.3/16

Left Out: 49.565+/-0.067 χ^2/NDF:1499.7/19

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 48.960+/-0.068 χ^2/NDF:1747.2/18

Left: 49.267+/-0.048 χ^2/NDF: 3286.8/38

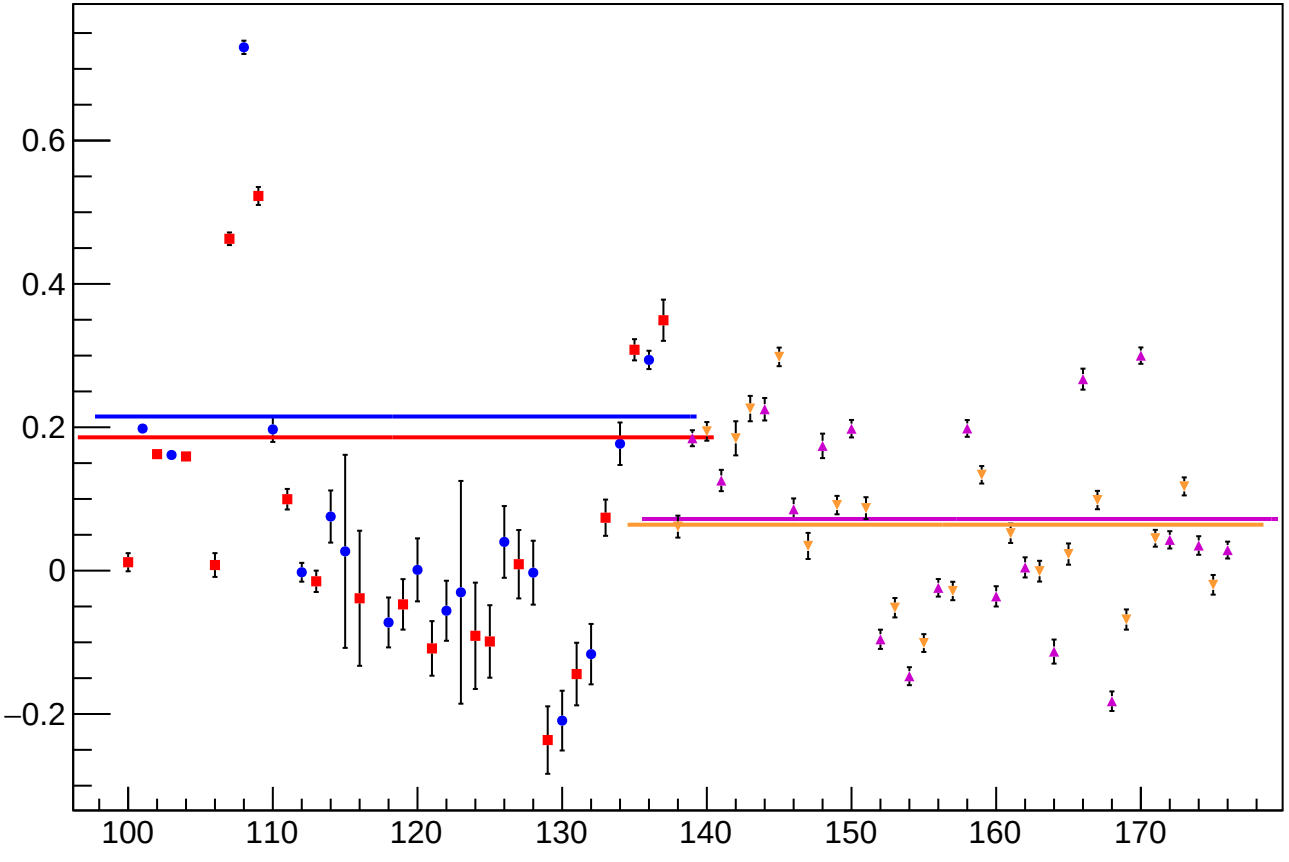
Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 26.570+/-0.047 χ^2/NDF:329823.9/35

Out: 30.524+/-0.048 χ^2/NDF:289522.5/38

All: 28.486+/-0.034 χ^2/NDF: 622783.4/74

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215+/-0.003 χ^2/NDF: 3930.1/16

Left Out: 0.064+/-0.003 χ^2/NDF:1061.4/19

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.072+/-0.003 χ^2/NDF:2145.7/18

Left: 0.068+/-0.002 χ^2/NDF: 3210.5/38

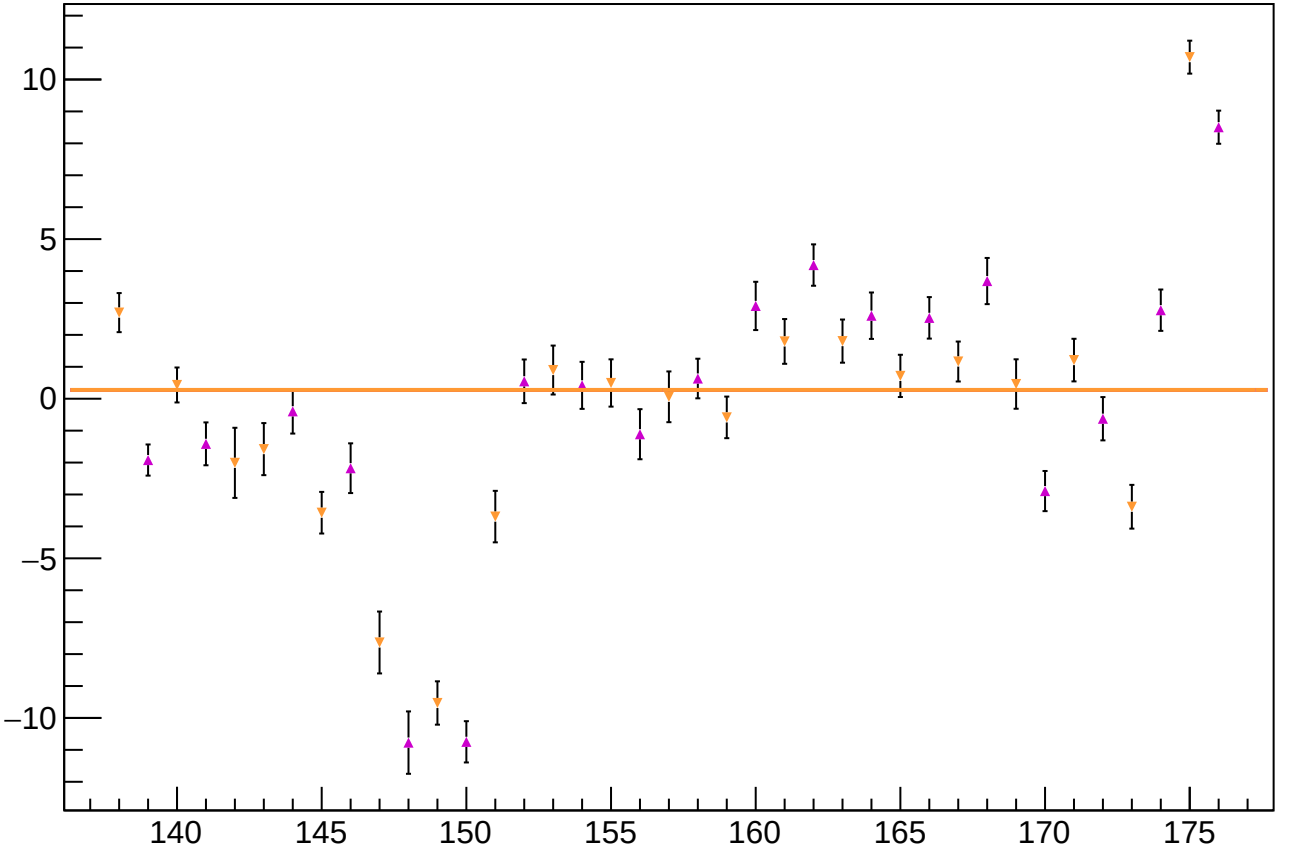
Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.150+/-0.002 χ^2/NDF:7285.8/35

Out: 0.134+/-0.002 χ^2/NDF:4664.3/38

All: 0.142+/-0.001 χ^2/NDF: 11982.7/74

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.275+/-0.155 χ^2/NDF:812.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.273+/-0.153 χ^2/NDF:846.3/18

Left: 0.274+/-0.109 χ^2/NDF: 1659.0/38

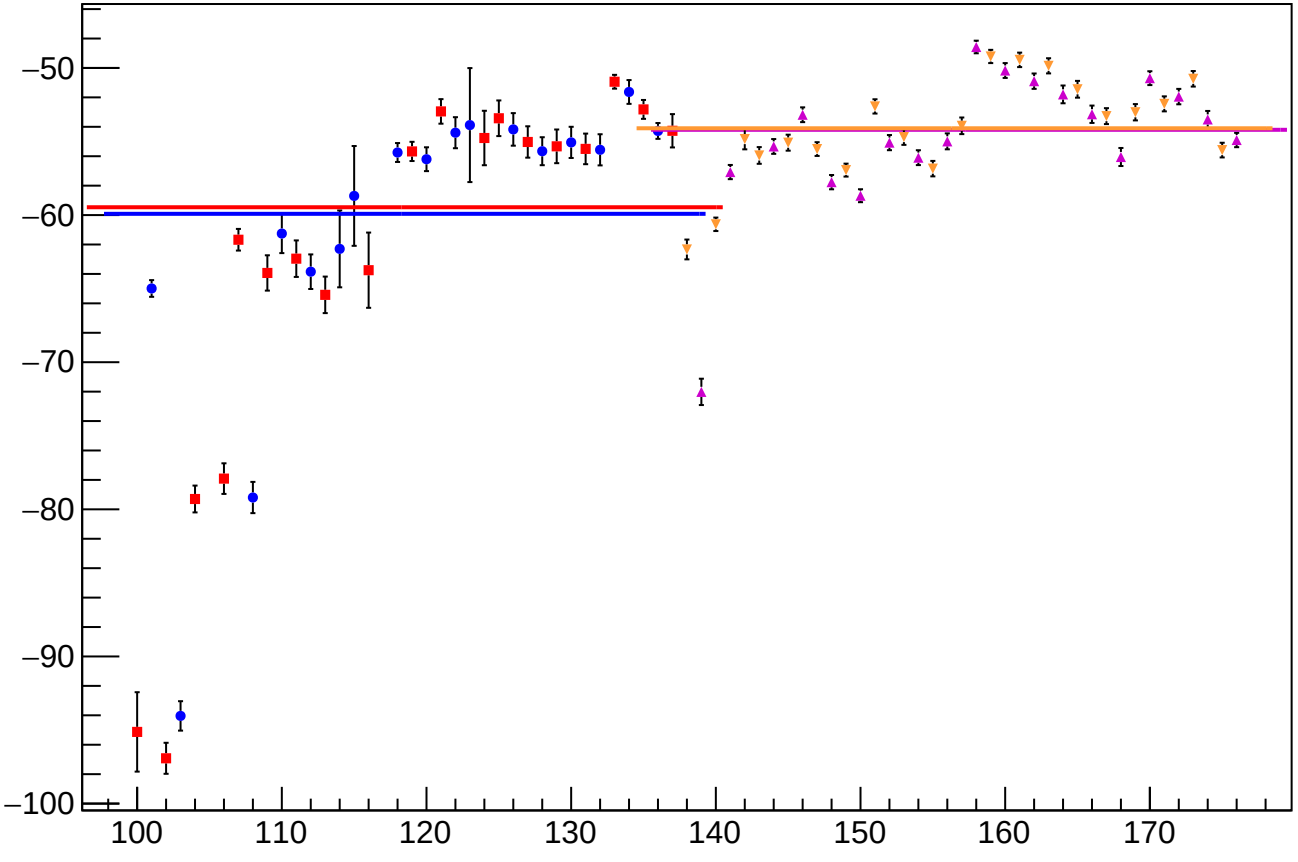
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.273+/-0.153 χ^2/NDF:846.3/18

Out: 0.275+/-0.155 χ^2/NDF:812.6/19

All: 0.274+/-0.109 χ^2/NDF: 1659.0/38

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.914+/-0.223 χ^2/NDF: 1979.5/16

Left Out: -54.100+/-0.116 χ^2/NDF:819.8/19

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -54.204+/-0.119 χ^2/NDF:998.9/18

Left: -54.151+/-0.083 χ^2/NDF: 1819.1/38

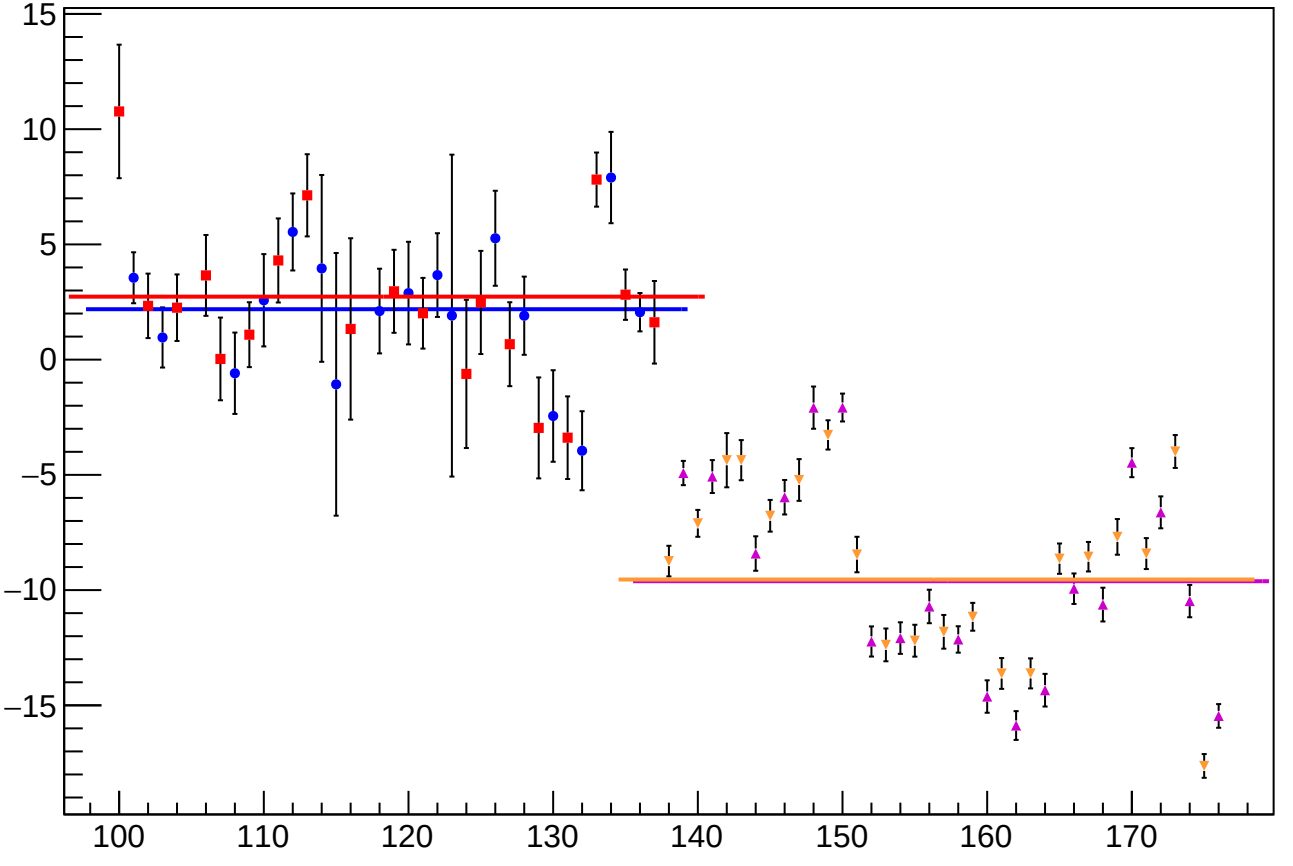
Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -55.470+/-0.105 χ^2/NDF:3488.8/35

Out: -55.342+/-0.102 χ^2/NDF:4224.9/38

All: -55.404+/-0.073 χ^2/NDF: 7714.4/74

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -9.541+/-0.154 χ^2/NDF:655.7/19

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -9.615+/-0.151 χ^2/NDF:834.0/18

Left: -9.578+/-0.108 χ^2/NDF: 1489.9/38

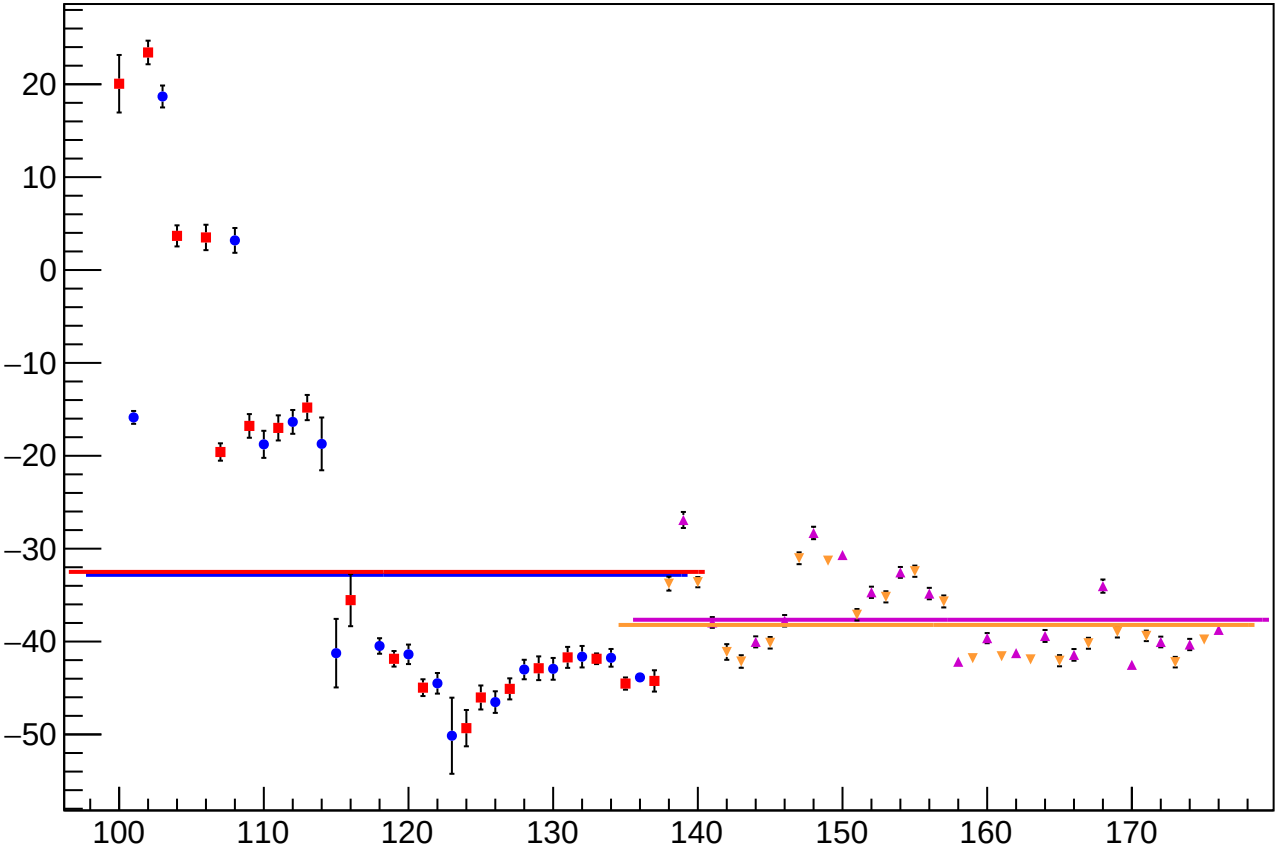
Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -8.162+/-0.142 χ^2/NDF:1621.2/35

Out: -7.875+/-0.143 χ^2/NDF:1581.1/38

All: -8.020+/-0.101 χ^2/NDF: 3204.4/74

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -38.212+/-0.132 χ^2/NDF:856.0/19

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -37.654+/-0.134 χ^2/NDF:1032.1/18

Left: -37.937+/-0.094 χ^2/NDF: 1896.9/38

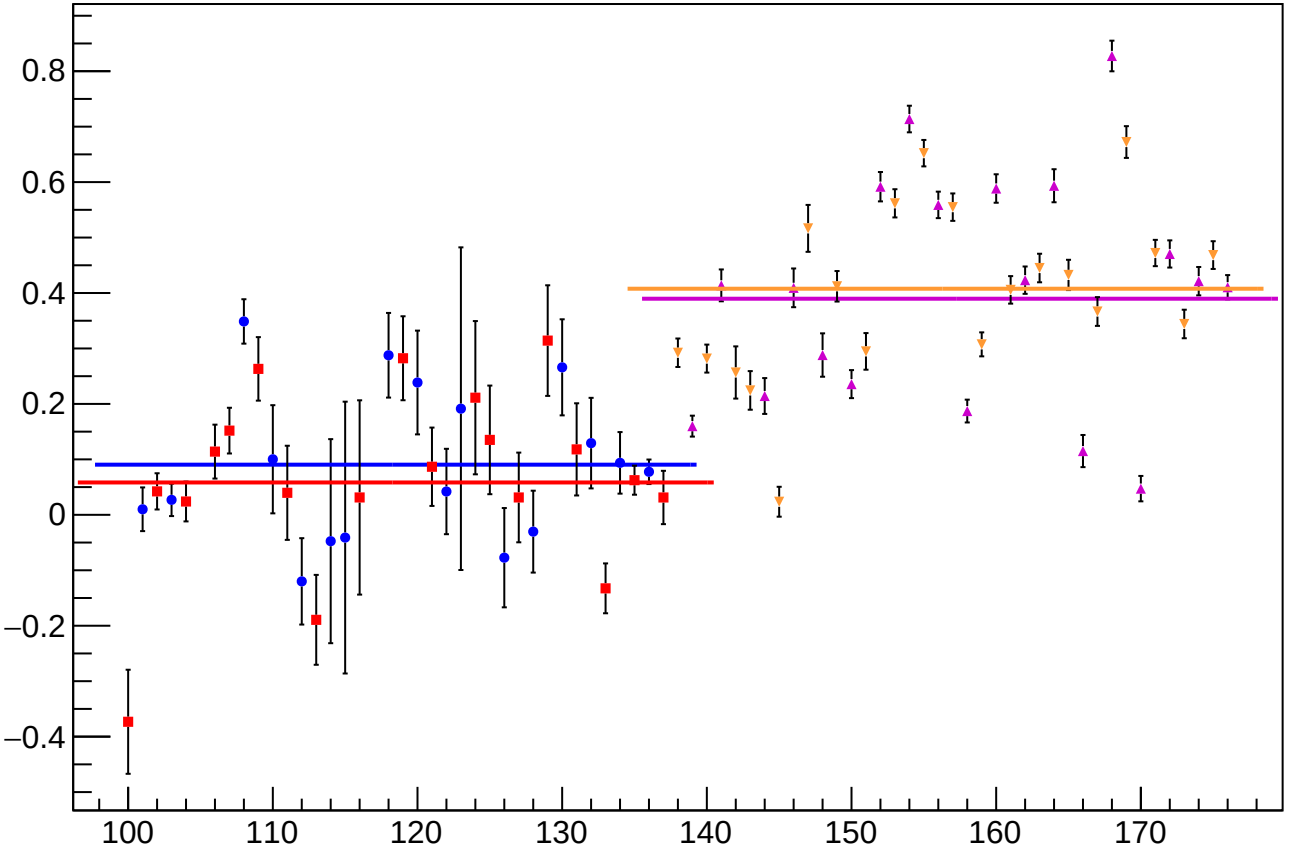
Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -36.605+/-0.118 χ^2/NDF:5982.7/35

Out: -36.919+/-0.116 χ^2/NDF:7317.8/38

All: -36.765+/-0.083 χ^2/NDF: 13304.1/74

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.408+/-0.006 χ^2/NDF:613.3/19

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.390+/-0.006 χ^2/NDF:1296.8/18

Left: 0.398+/-0.004 χ^2/NDF: 1914.7/38

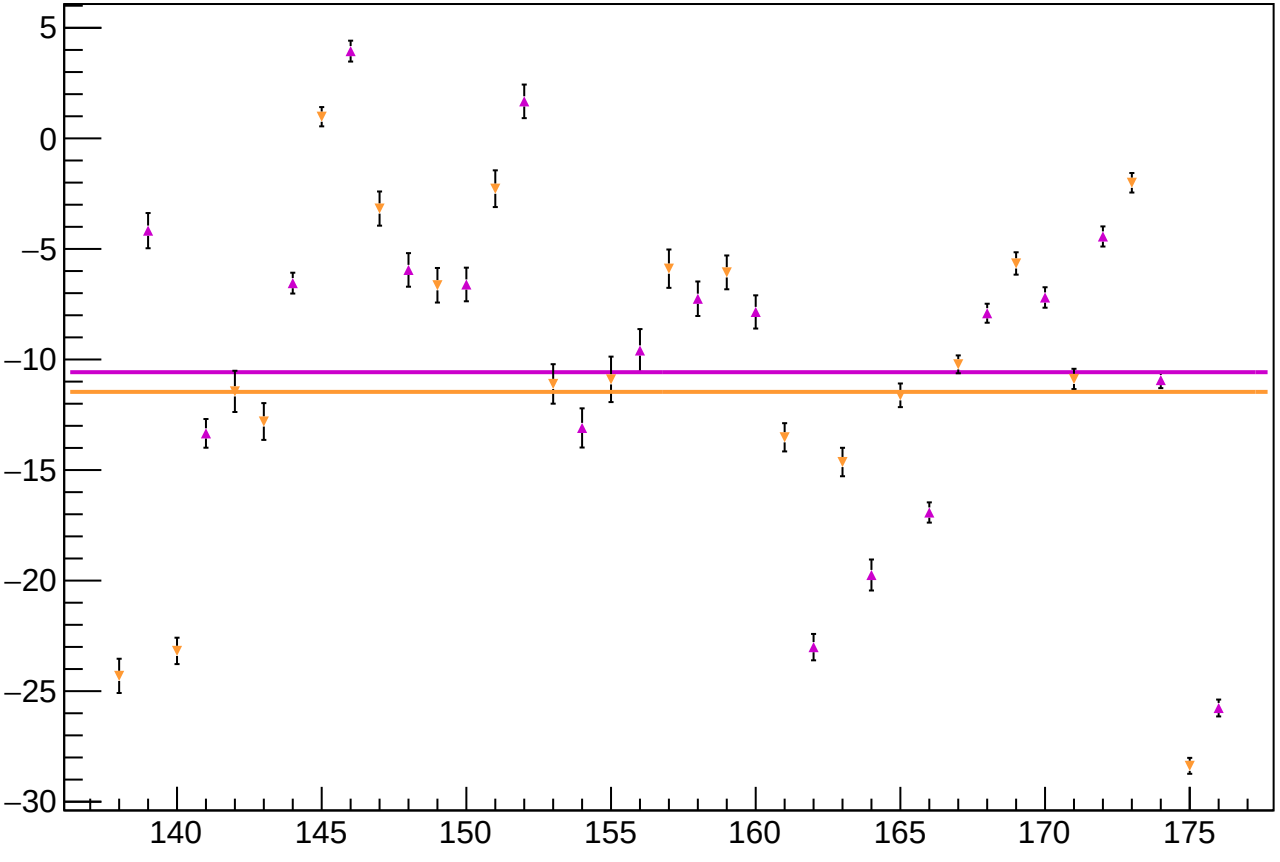
Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.338+/-0.005 χ^2/NDF:1833.1/35

Out: 0.339+/-0.005 χ^2/NDF:1365.6/38

All: 0.338+/-0.004 χ^2/NDF: 3198.7/74

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -11.465+/-0.131 χ^2/NDF:4684.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -10.574+/-0.126 χ^2/NDF:4121.2/18

Left: -11.003+/-0.091 χ^2/NDF: 8829.2/38

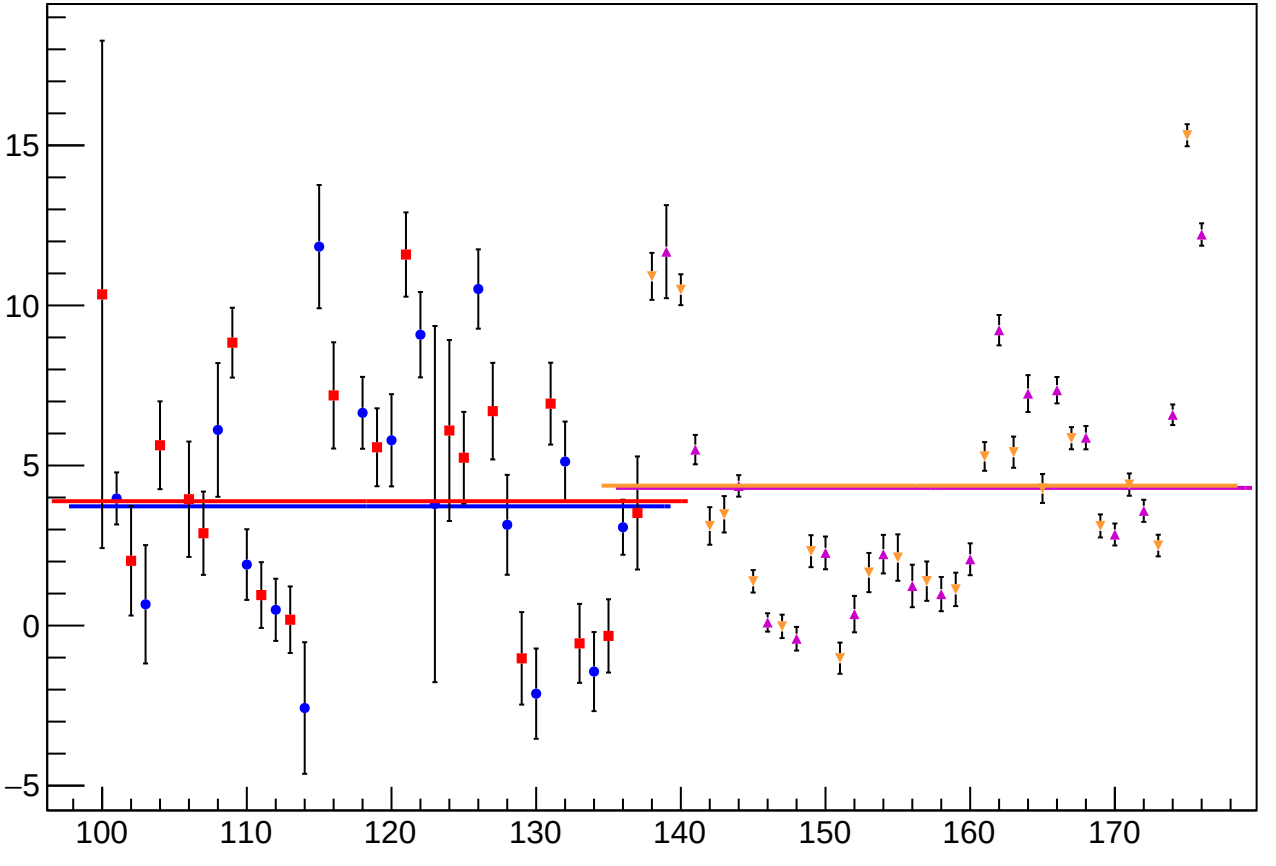
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.574+/-0.126 χ^2/NDF:4121.2/18

Out: -11.465+/-0.131 χ^2/NDF:4684.0/19

All: -11.003+/-0.091 χ^2/NDF: 8829.2/38

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725+/-0.308 χ^2/NDF: 136.8/16

Left Out: 4.371+/-0.099 χ^2/NDF:1773.6/19

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 4.301+/-0.096 χ^2/NDF:1358.7/18

Left: 4.335+/-0.069 χ^2/NDF: 3132.5/38

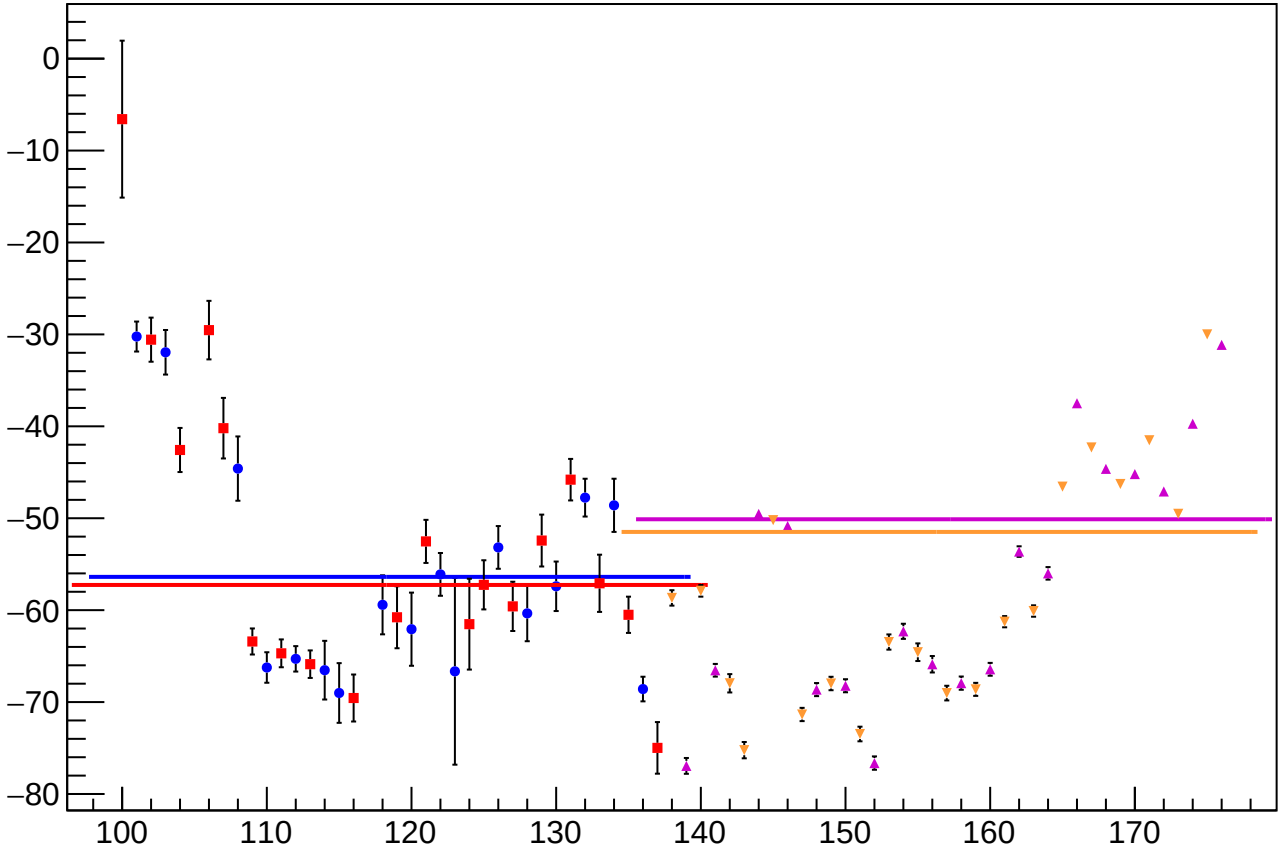
Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 4.250+/-0.092 χ^2/NDF:1498.6/35

Out: 4.328+/-0.094 χ^2/NDF:1910.1/38

All: 4.288+/-0.066 χ^2/NDF: 3409.1/74

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379+/-0.542 χ^2/NDF: 587.4/16

Left Out: -51.488+/-0.131 χ^2/NDF:9814.8/19

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -50.112+/-0.127 χ^2/NDF:10256.7/18

Left: -50.774+/-0.091 χ^2/NDF: 20128.4/38

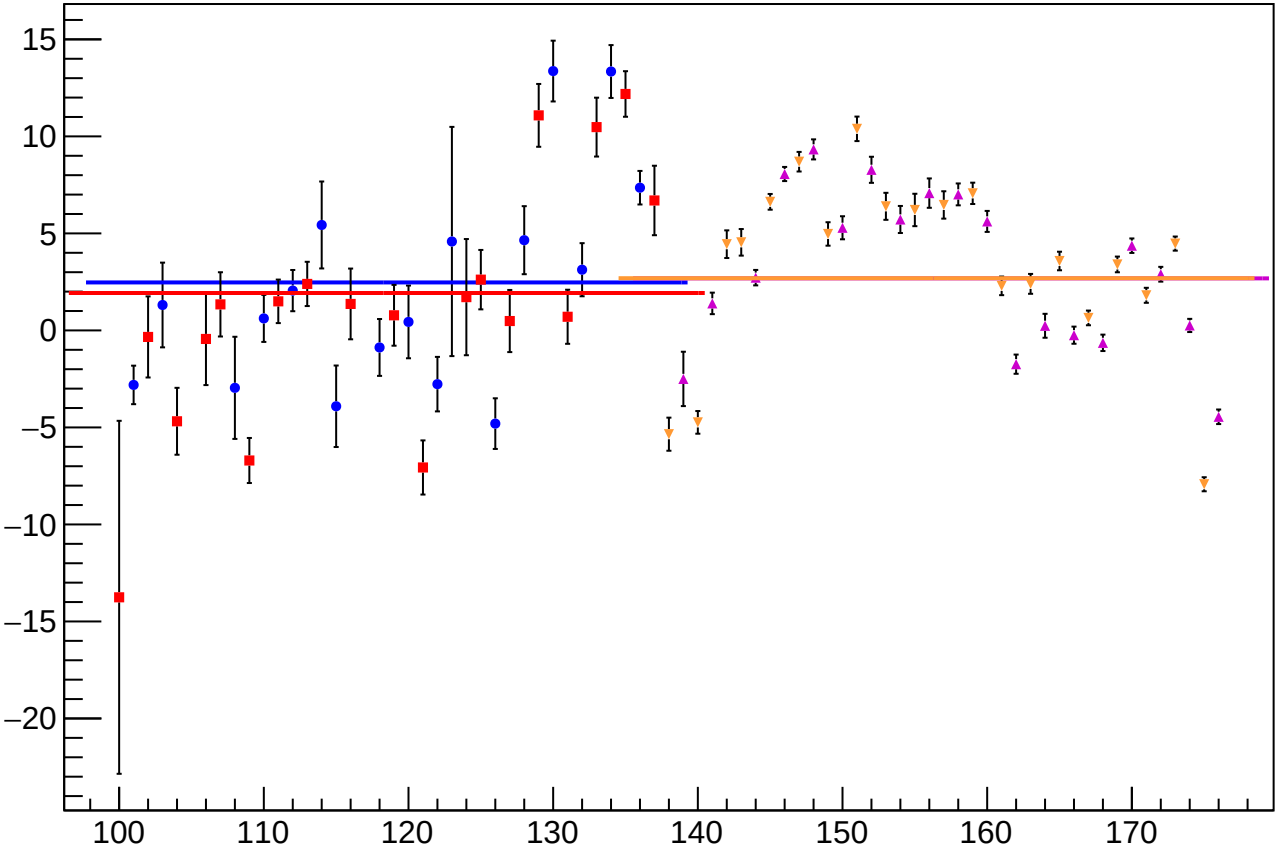
Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -50.436+/-0.123 χ^2/NDF:10970.9/35

Out: -51.815+/-0.128 χ^2/NDF:10400.2/38

All: -51.101+/-0.089 χ^2/NDF: 21431.6/74

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473+/-0.345 χ^2/NDF: 243.6/16

Left Out: 2.690+/-0.112 χ^2/NDF:1727.6/19

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 2.682+/-0.109 χ^2/NDF:1265.4/18

Left: 2.686+/-0.078 χ^2/NDF: 2993.0/38

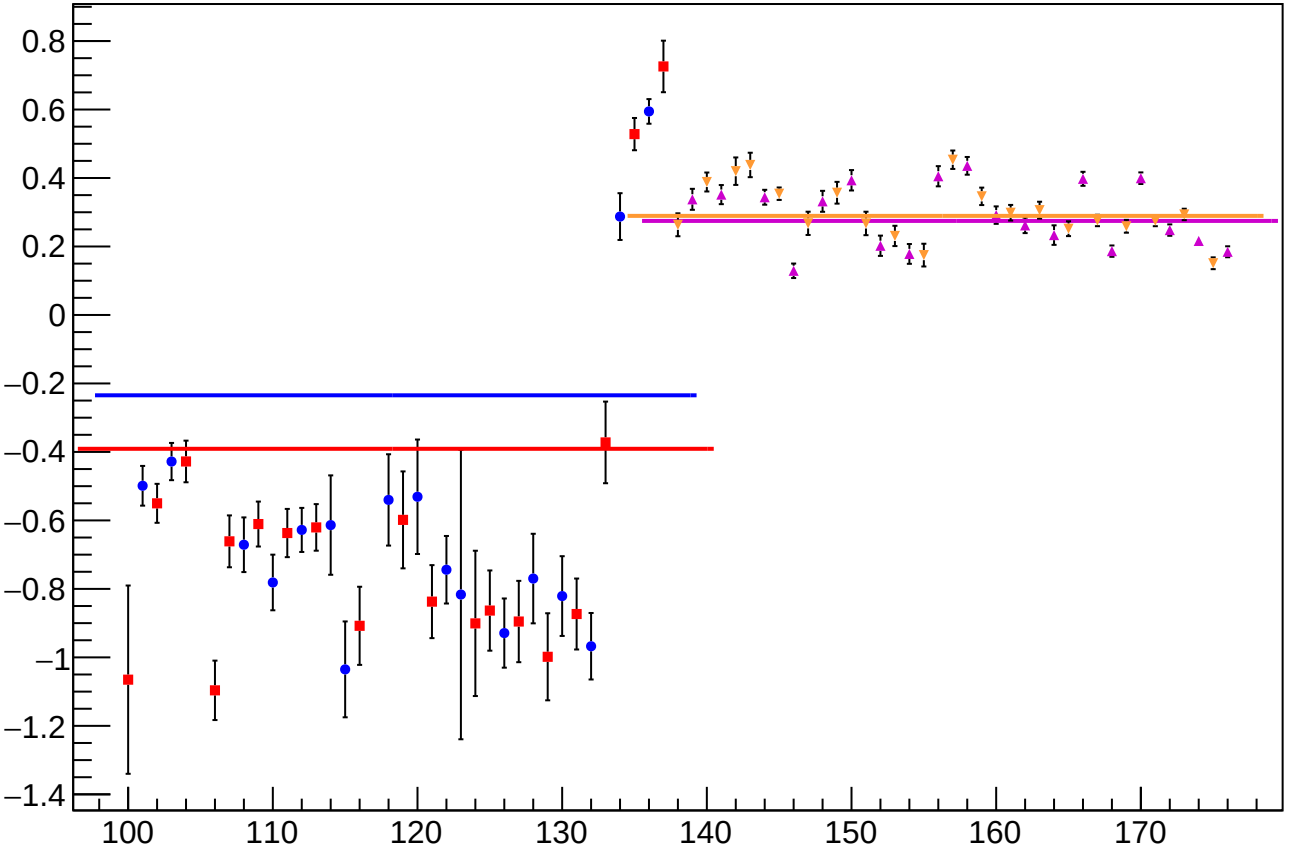
Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 2.663+/-0.104 χ^2/NDF:1509.3/35

Out: 2.621+/-0.107 χ^2/NDF:1998.4/38

All: 2.642+/-0.074 χ^2/NDF: 3507.8/74

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.235+/-0.019 χ^2/NDF: 958.4/16

Left Out: 0.289+/-0.005 χ^2/NDF:189.2/19

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.275+/-0.005 χ^2/NDF:336.5/18

Left: 0.282+/-0.004 χ^2/NDF: 530.0/38

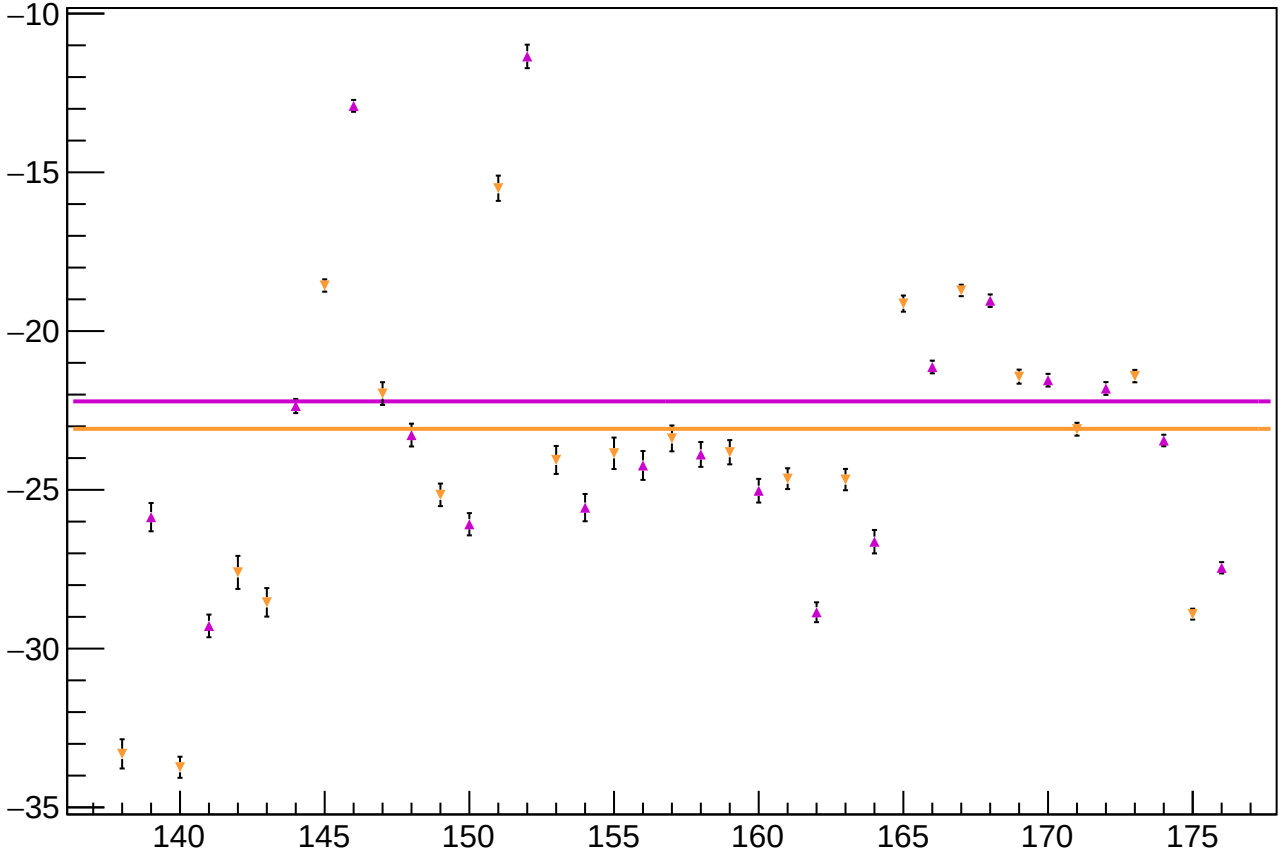
Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.242+/-0.005 χ^2/NDF:1975.9/35

Out: 0.242+/-0.005 χ^2/NDF:2240.6/38

All: 0.242+/-0.003 χ^2/NDF: 4216.5/74

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -23.079+/-0.062 χ^2/NDF:4854.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -22.214+/-0.059 χ^2/NDF:5890.7/18

Left: -22.625+/-0.043 χ^2/NDF: 10847.3/38

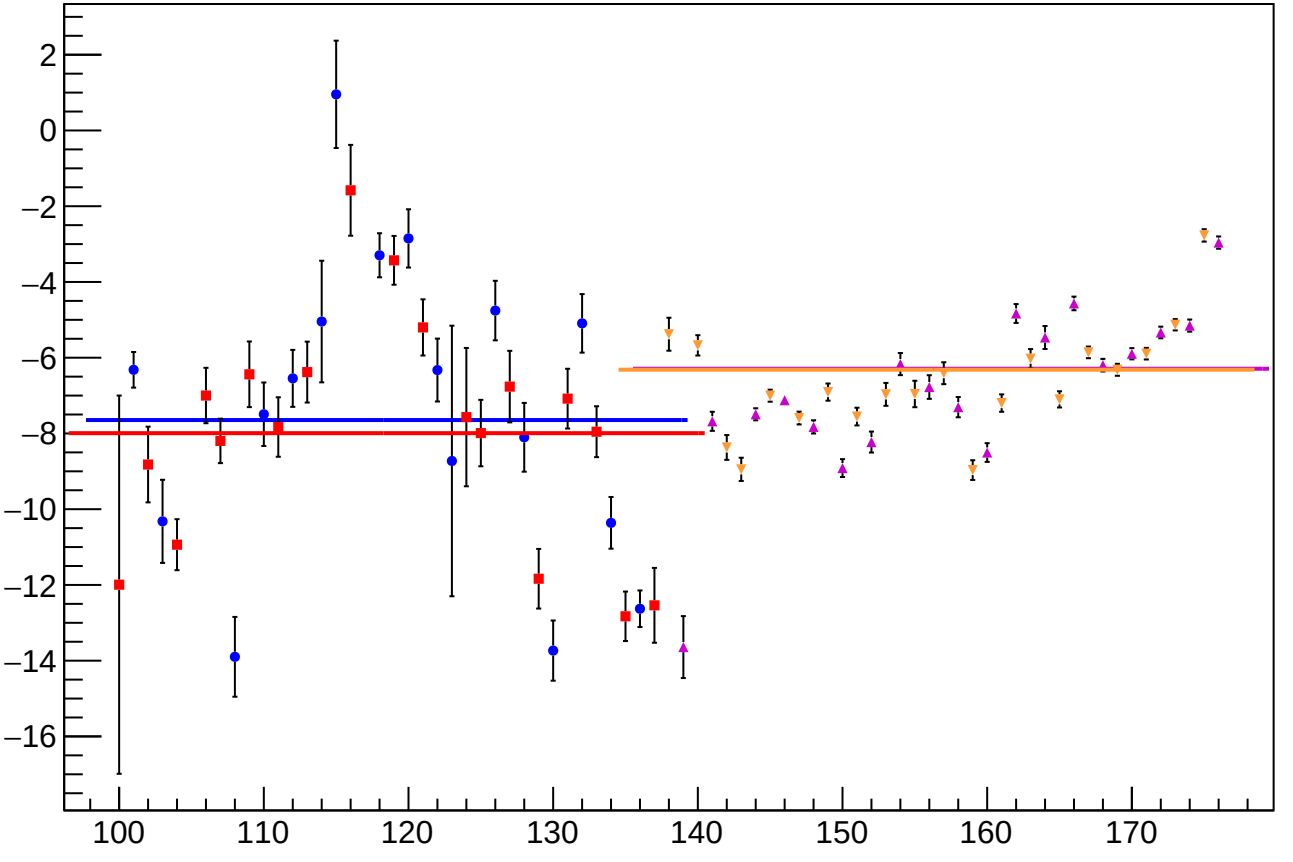
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.214+/-0.059 χ^2/NDF:5890.7/18

Out: -23.079+/-0.062 χ^2/NDF:4854.0/19

All: -22.625+/-0.043 χ^2/NDF: 10847.3/38

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.646+/-0.186 χ^2/NDF: 393.6/16

Left Out: -6.316+/-0.047 χ^2/NDF:918.8/19

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -6.291+/-0.045 χ^2/NDF:1215.3/18

Left: -6.303+/-0.032 χ^2/NDF: 2134.2/38

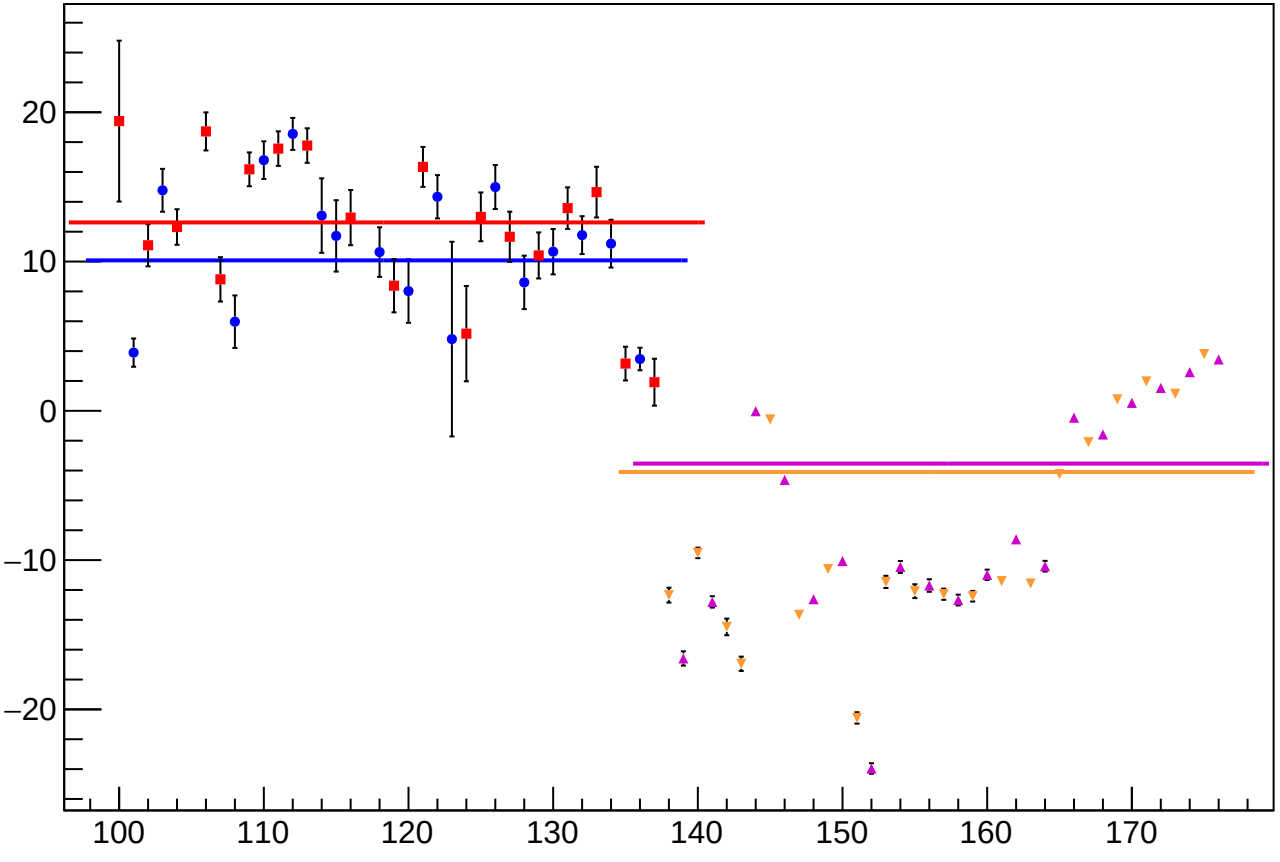
Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -6.365+/-0.043 χ^2/NDF:1659.3/35

Out: -6.416+/-0.045 χ^2/NDF:1220.7/38

All: -6.389+/-0.031 χ^2/NDF: 2880.6/74

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -4.096+/-0.062 χ^2/NDF:11915.1/19

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -3.536+/-0.059 χ^2/NDF:12353.7/18

Left: -3.802+/-0.043 χ^2/NDF: 24311.7/38

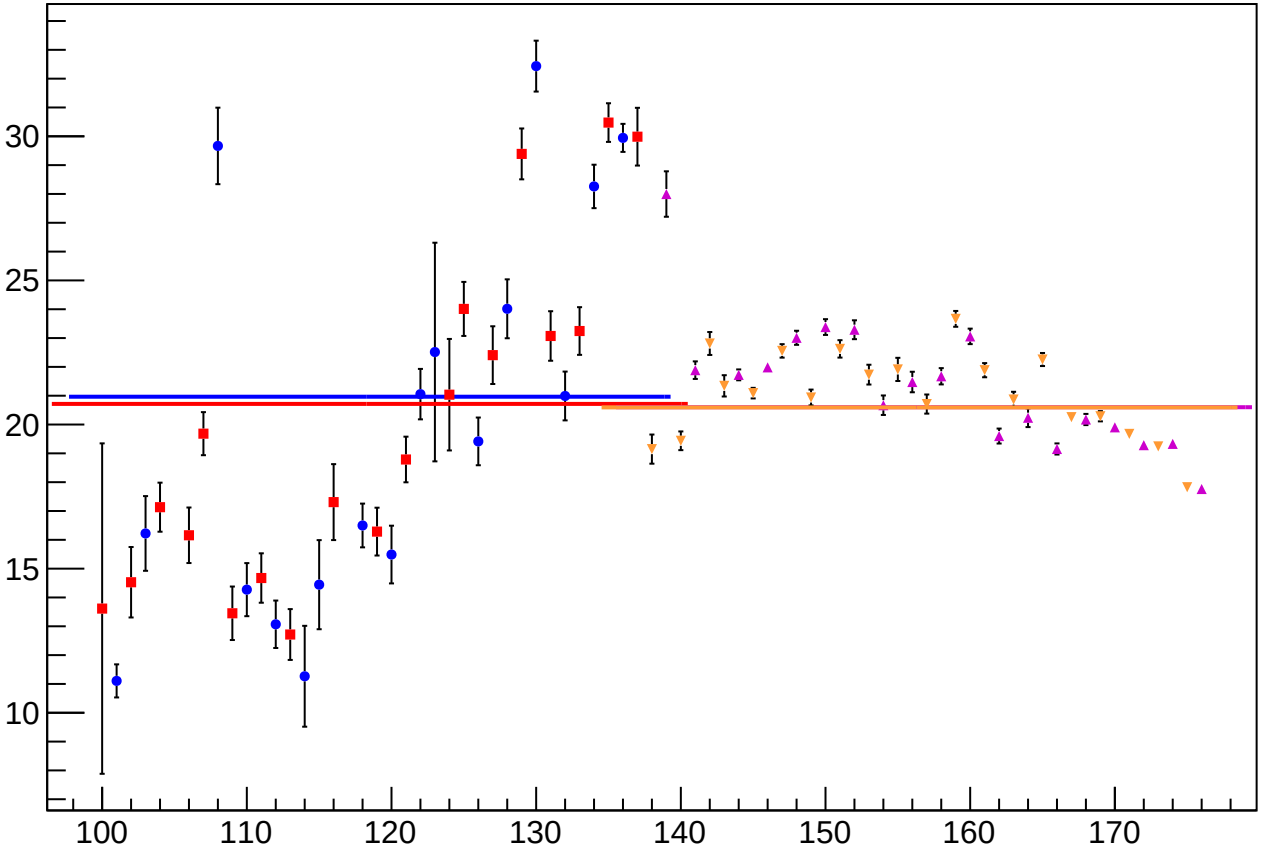
Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -3.132+/-0.058 χ^2/NDF:14192.0/35

Out: -3.535+/-0.061 χ^2/NDF:14578.6/38

All: -3.324+/-0.042 χ^2/NDF: 28793.6/74

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 20.594+/-0.053 χ^2/NDF:772.2/19

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 20.601+/-0.051 χ^2/NDF:1078.3/18

Left: 20.598+/-0.037 χ^2/NDF: 1850.5/38

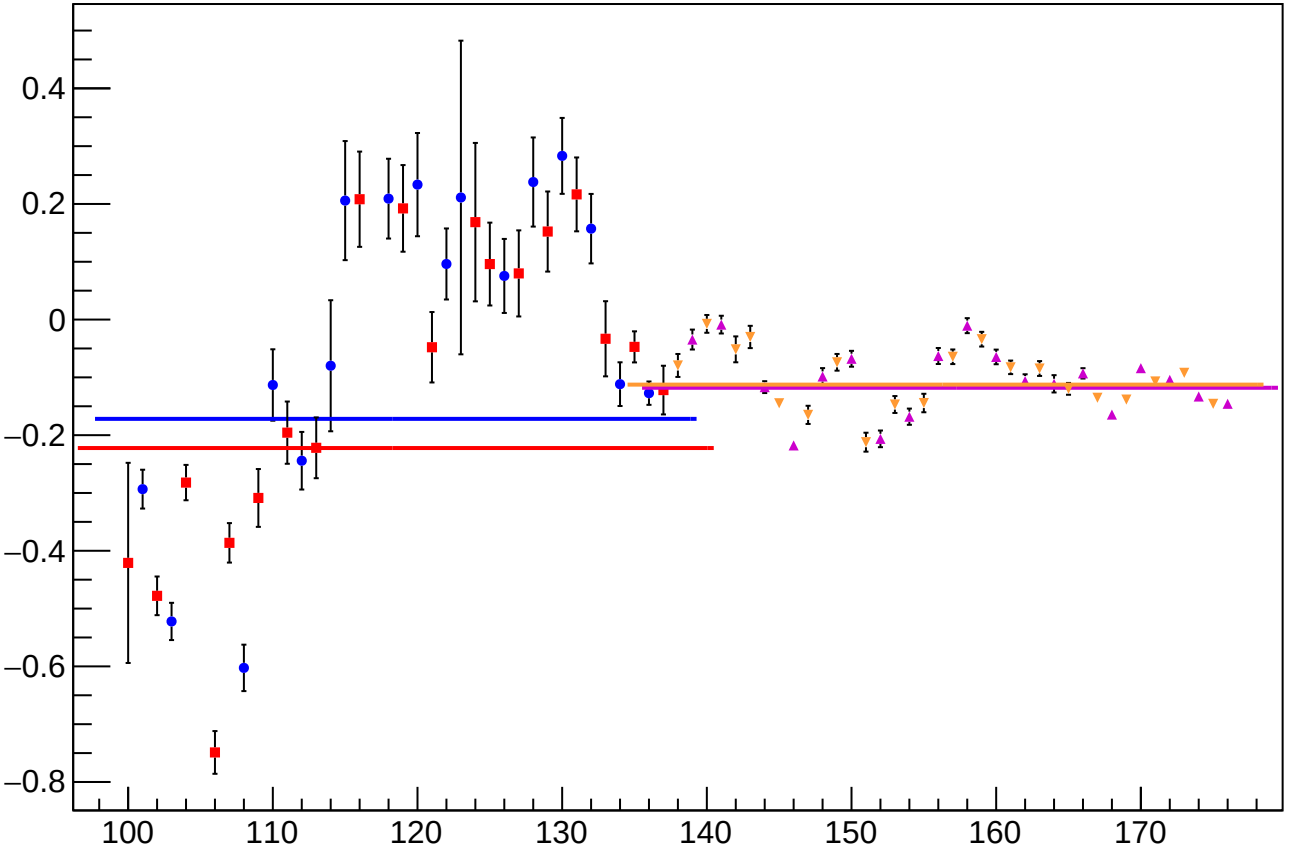
Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 20.621+/-0.049 χ^2/NDF:2306.6/35

Out: 20.601+/-0.051 χ^2/NDF:1502.4/38

All: 20.612+/-0.036 χ^2/NDF: 3809.1/74

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.172+/-0.011 χ^2/NDF: 464.2/16

Left Out: -0.113+/-0.002 χ^2/NDF:263.8/19

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.118+/-0.002 χ^2/NDF:471.3/18

Left: -0.115+/-0.002 χ^2/NDF: 737.7/38

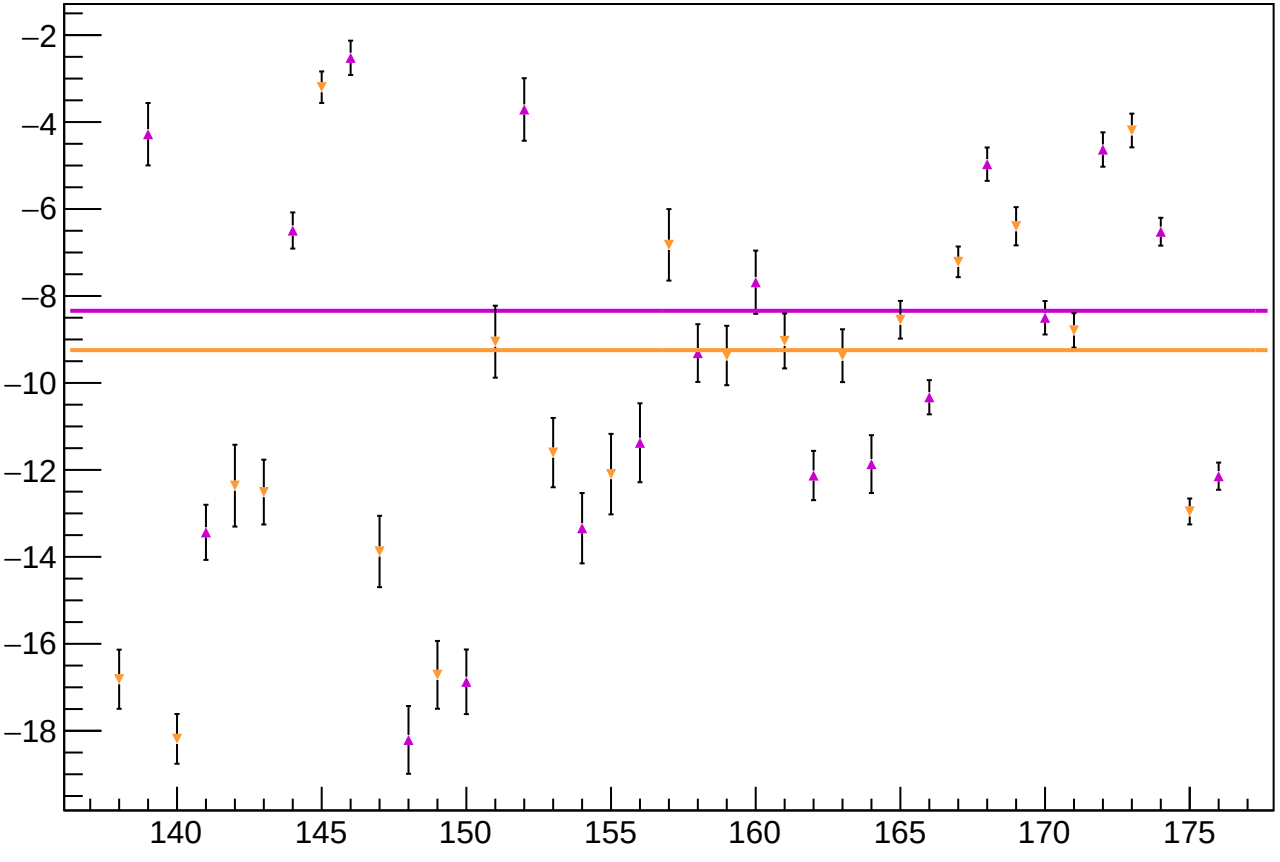
Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.120+/-0.002 χ^2/NDF:957.6/35

Out: -0.118+/-0.002 χ^2/NDF:895.7/38

All: -0.119+/-0.002 χ^2/NDF: 1853.9/74

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: -9.246+/-0.116 χ^2/NDF:1230.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -8.340+/-0.111 χ^2/NDF:1163.6/18

Left: -8.776+/-0.080 χ^2/NDF: 2426.3/38

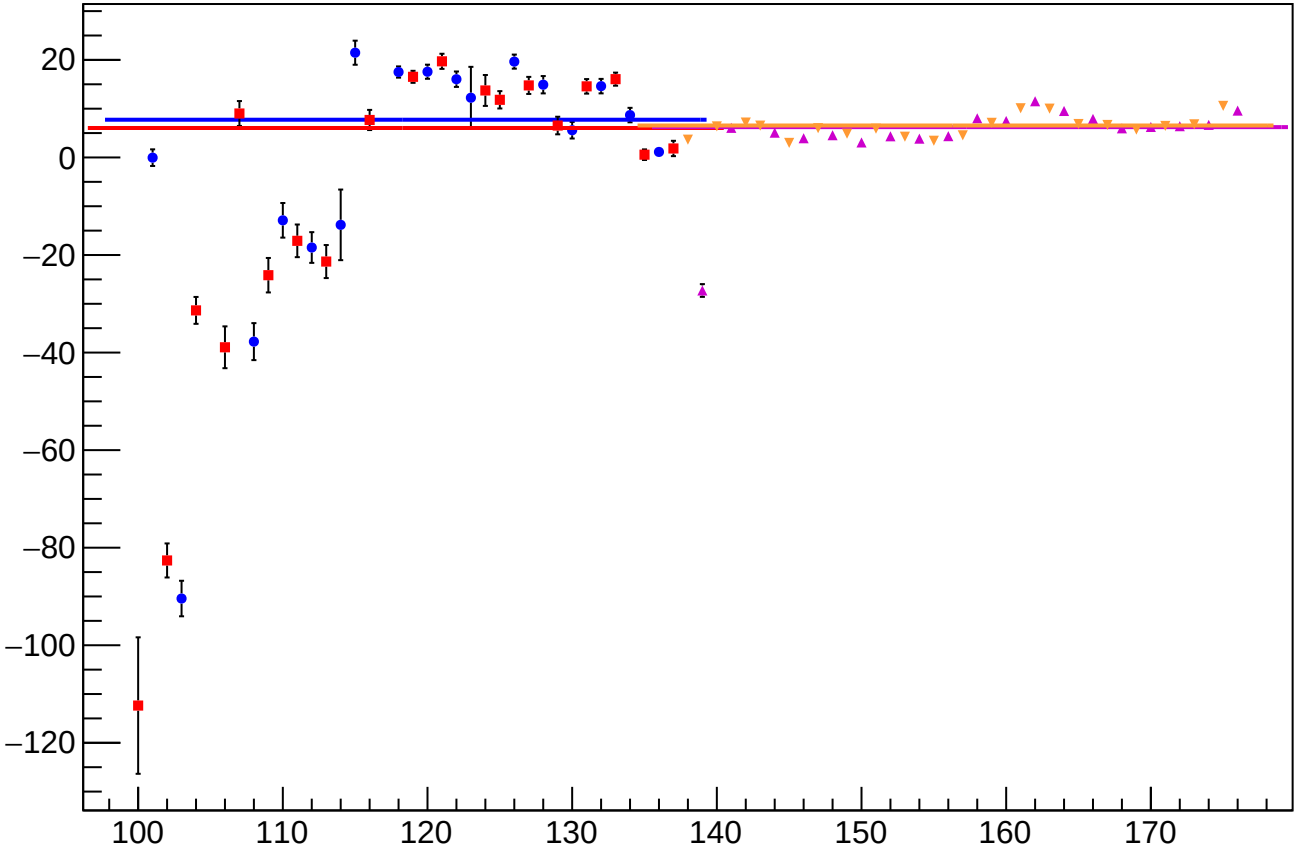
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.340+/-0.111 χ^2/NDF:1163.6/18

Out: -9.246+/-0.116 χ^2/NDF:1230.9/19

All: -8.776+/-0.080 χ^2/NDF: 2426.3/38

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 6.553+/-0.089 χ^2/NDF:572.0/19

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 6.217+/-0.086 χ^2/NDF:1215.0/18

Left: 6.380+/-0.062 χ^2/NDF: 1794.4/38

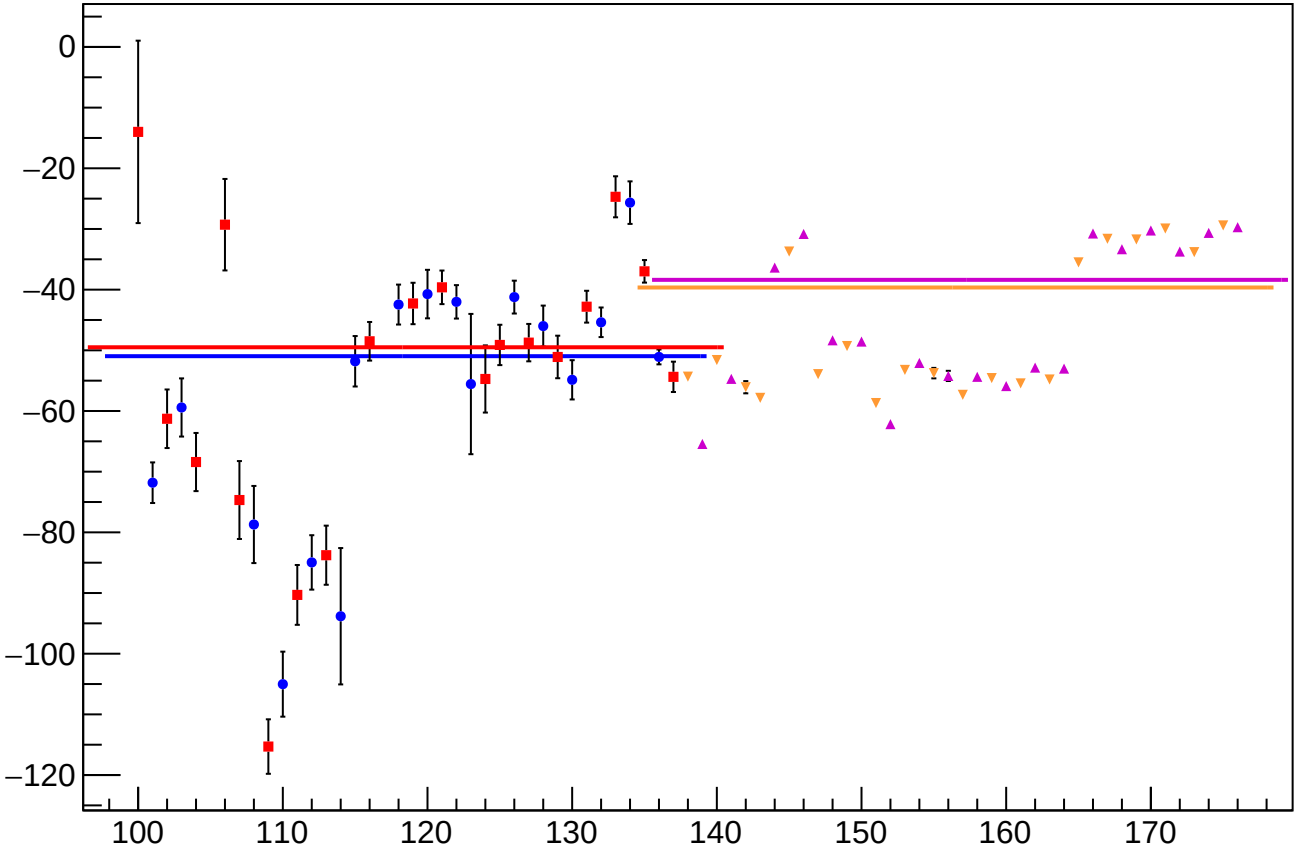
Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 6.283+/-0.084 χ^2/NDF:2587.0/35

Out: 6.533+/-0.087 χ^2/NDF:2085.5/38

All: 6.403+/-0.060 χ^2/NDF: 4676.8/74

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -39.646+/-0.116 χ^2/NDF:8853.8/19

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -38.385+/-0.112 χ^2/NDF:9457.6/18

Left: -38.990+/-0.081 χ^2/NDF: 18372.6/38

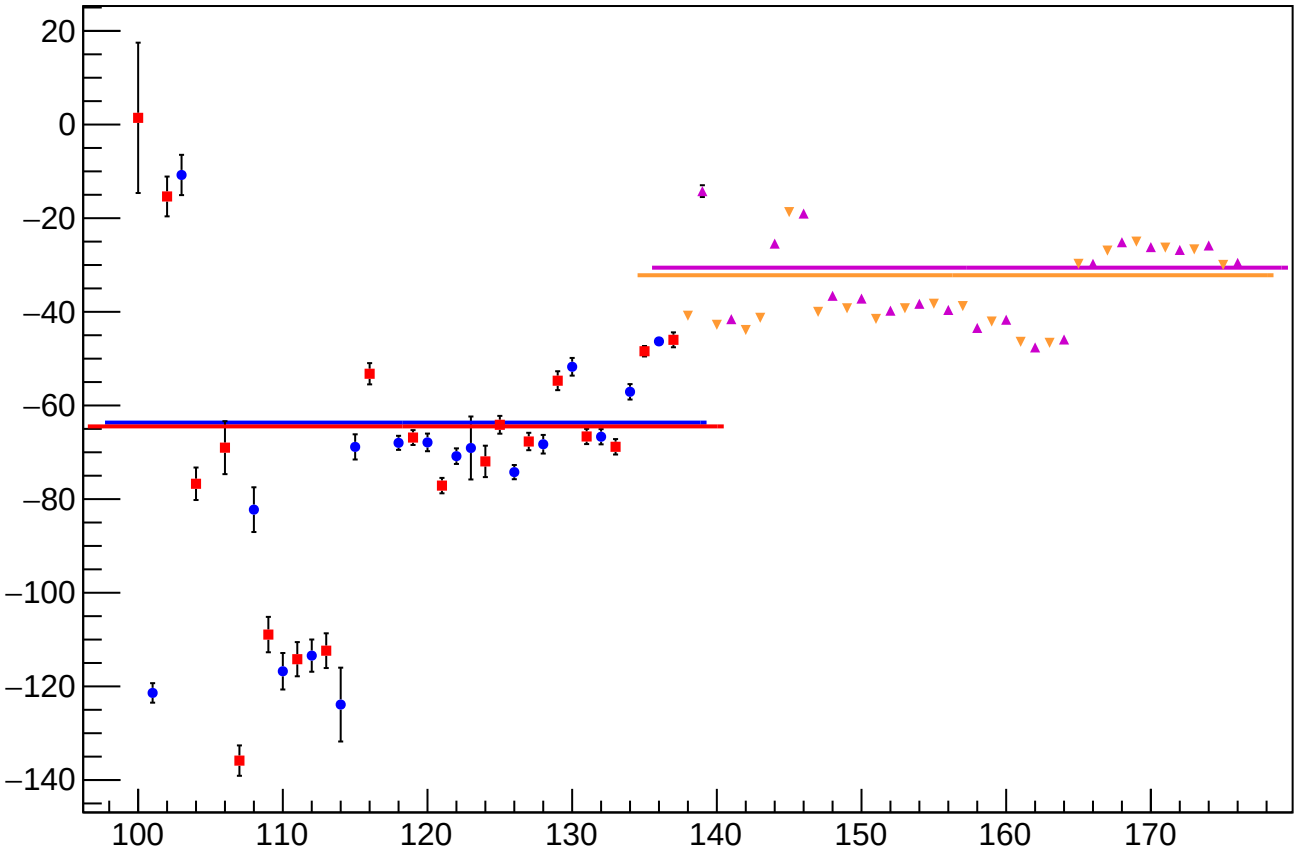
Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -38.667+/-0.110 χ^2/NDF:10074.6/35

Out: -39.851+/-0.115 χ^2/NDF:9513.7/38

All: -39.235+/-0.080 χ^2/NDF: 19643.4/74

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656+/-0.445 χ^2/NDF: 2014.7/16

Left Out: -32.186+/-0.100 χ^2/NDF:7039.6/19

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -30.568+/-0.097 χ^2/NDF:6893.1/18

Left: -31.355+/-0.070 χ^2/NDF: 14068.0/38

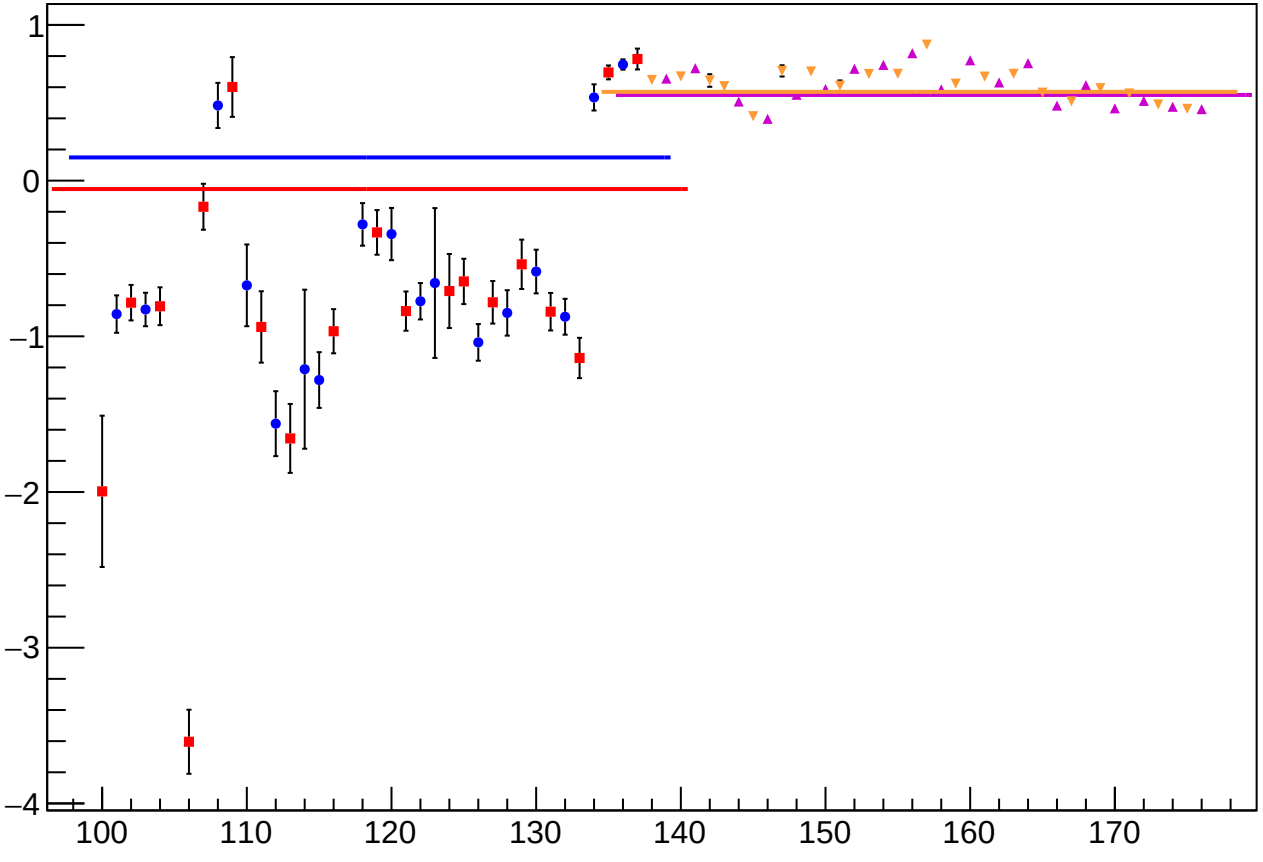
Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -32.067+/-0.095 χ^2/NDF:14177.5/35

Out: -33.507+/-0.098 χ^2/NDF:12940.1/38

All: -32.766+/-0.068 χ^2/NDF: 27229.6/74

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149+/-0.024 χ^2/NDF: 989.9/16

Left Out: 0.570+/-0.005 χ^2/NDF:496.2/19

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.550+/-0.004 χ^2/NDF:634.0/18

Left: 0.560+/-0.003 χ^2/NDF: 1139.9/38

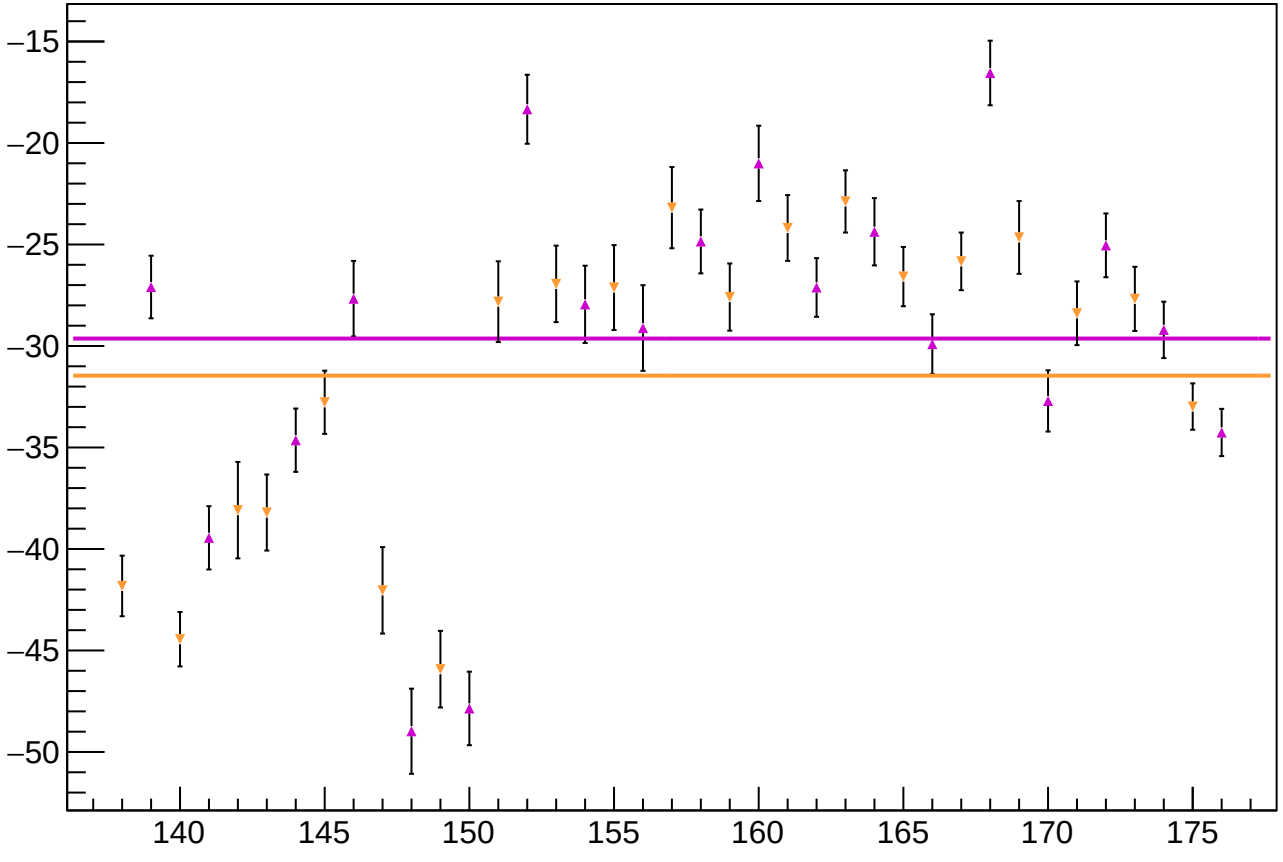
Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.537+/-0.004 χ^2/NDF:1895.0/35

Out: 0.551+/-0.005 χ^2/NDF:2214.6/38

All: 0.544+/-0.003 χ^2/NDF: 4114.8/74

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: -31.461+/-0.367 χ^2/NDF:386.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -29.634+/-0.367 χ^2/NDF:425.3/18

Left: -30.548+/-0.260 χ^2/NDF: 824.5/38

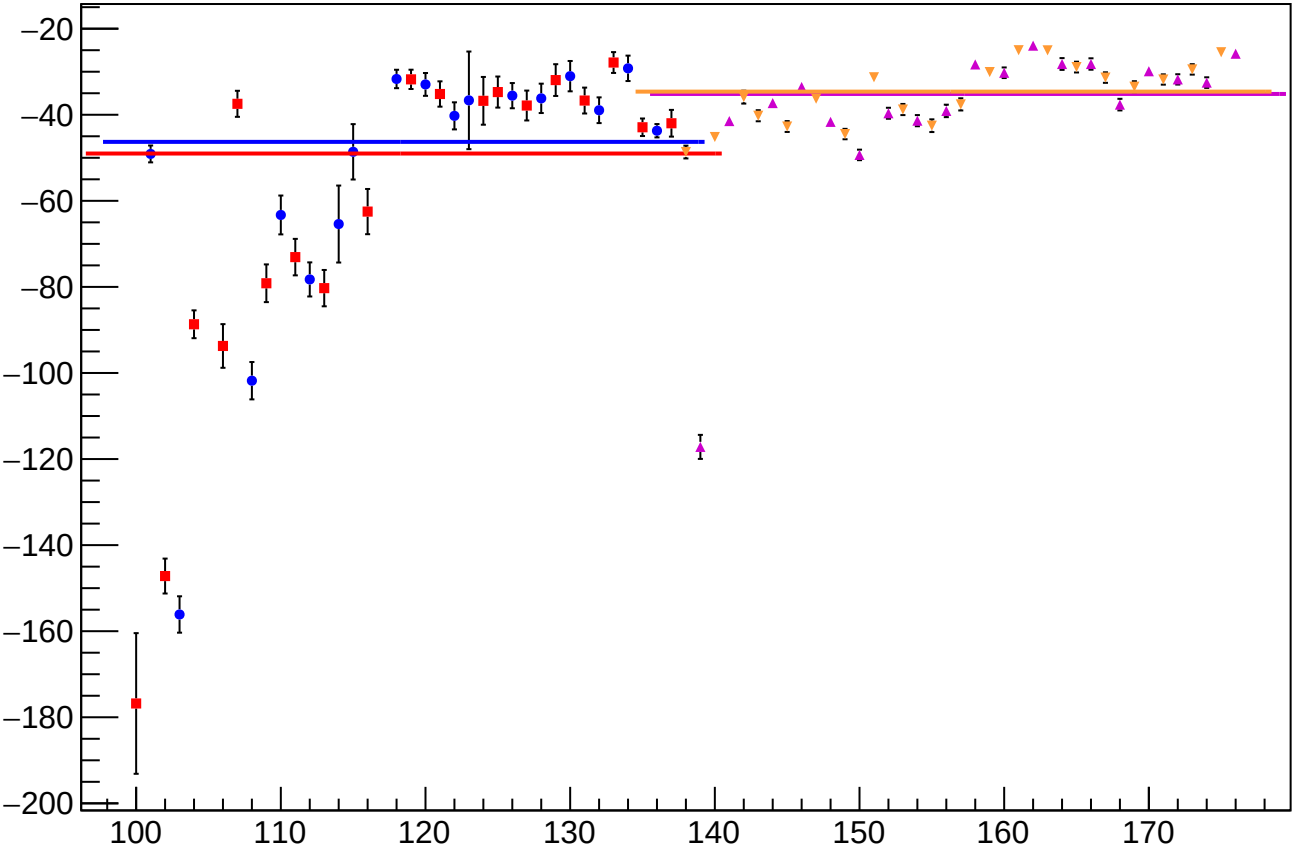
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -29.634+/-0.367 χ^2/NDF:425.3/18

Out: -31.461+/-0.367 χ^2/NDF:386.8/19

All: -30.548+/-0.260 χ^2/NDF: 824.5/38

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300+/-0.723 χ^2/NDF: 1084.0/16

Left Out: -34.624+/-0.274 χ^2/NDF:640.1/19

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -35.165+/-0.280 χ^2/NDF:1433.5/18

Left: -34.888+/-0.196 χ^2/NDF: 2075.5/38

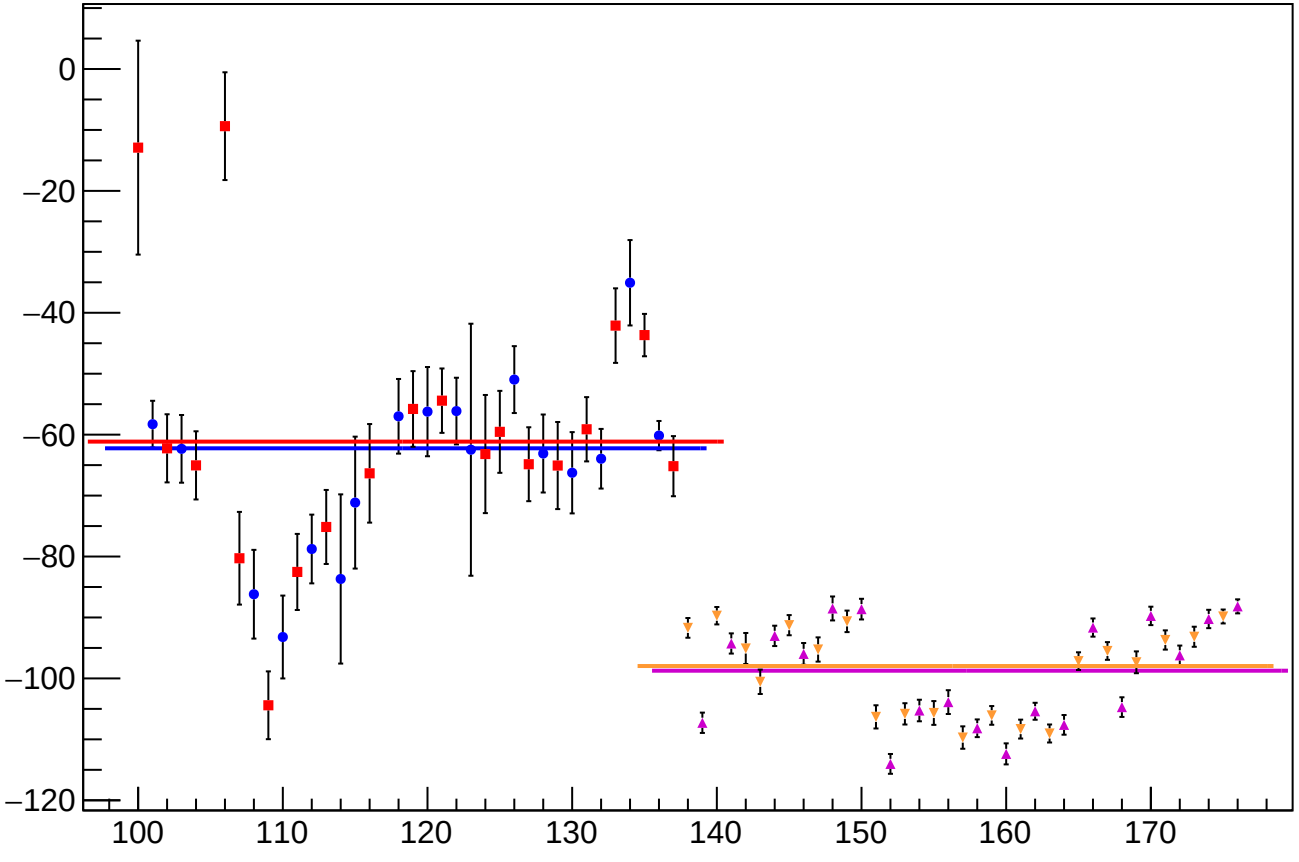
Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -36.621+/-0.261 χ^2/NDF:2723.9/35

Out: -36.265+/-0.258 χ^2/NDF:2226.0/38

All: -36.441+/-0.184 χ^2/NDF: 4950.8/74

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -97.967+/-0.366 χ^2/NDF:381.1/19

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -98.735+/-0.364 χ^2/NDF:567.1/18

Left: -98.352+/-0.258 χ^2/NDF: 950.4/38

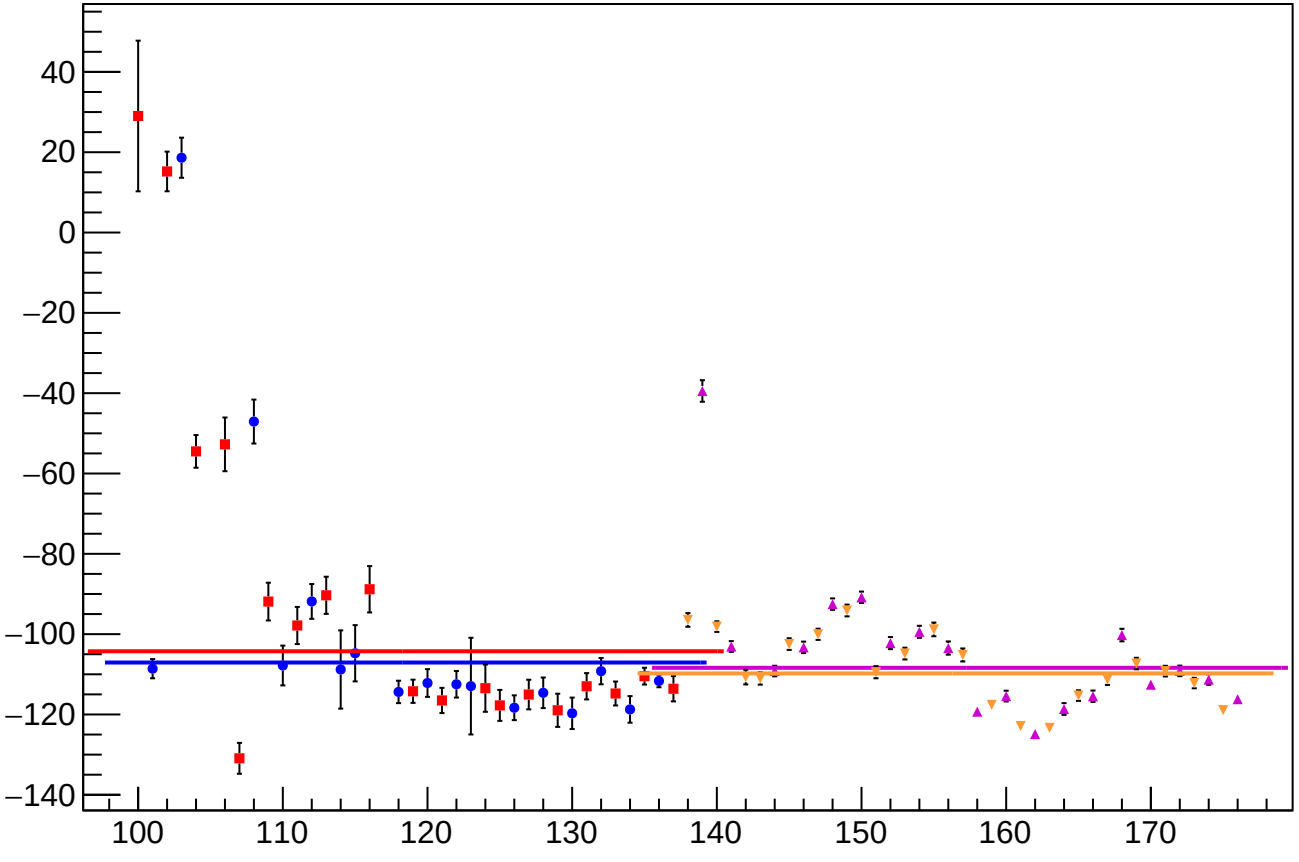
Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -96.114+/-0.351 χ^2/NDF:1354.7/35

Out: -95.548+/-0.354 χ^2/NDF:1212.5/38

All: -95.833+/-0.249 χ^2/NDF: 2568.4/74

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -109.787+/-0.312 χ^2/NDF:759.6/19

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -108.382+/-0.317 χ^2/NDF:1494.0/18

Left: -109.096+/-0.222 χ^2/NDF: 2263.6/38

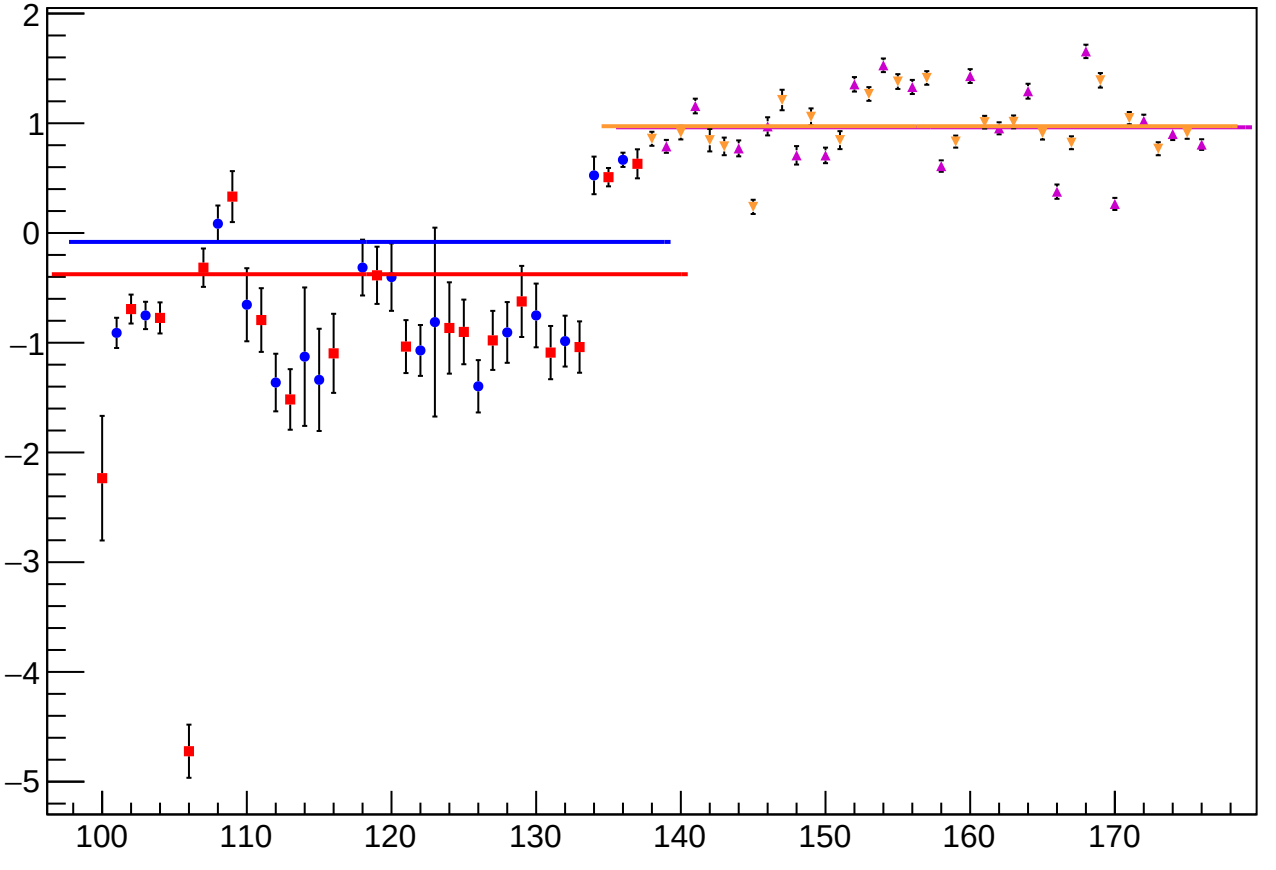
Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -108.208+/-0.295 χ^2/NDF:2324.7/35

Out: -109.147+/-0.293 χ^2/NDF:1814.5/38

All: -108.681+/-0.208 χ^2/NDF: 4144.3/74

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.973+/-0.014 χ^2/NDF:327.6/19

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.963+/-0.014 χ^2/NDF:703.1/18

Left: 0.968+/-0.010 χ^2/NDF: 1030.9/38

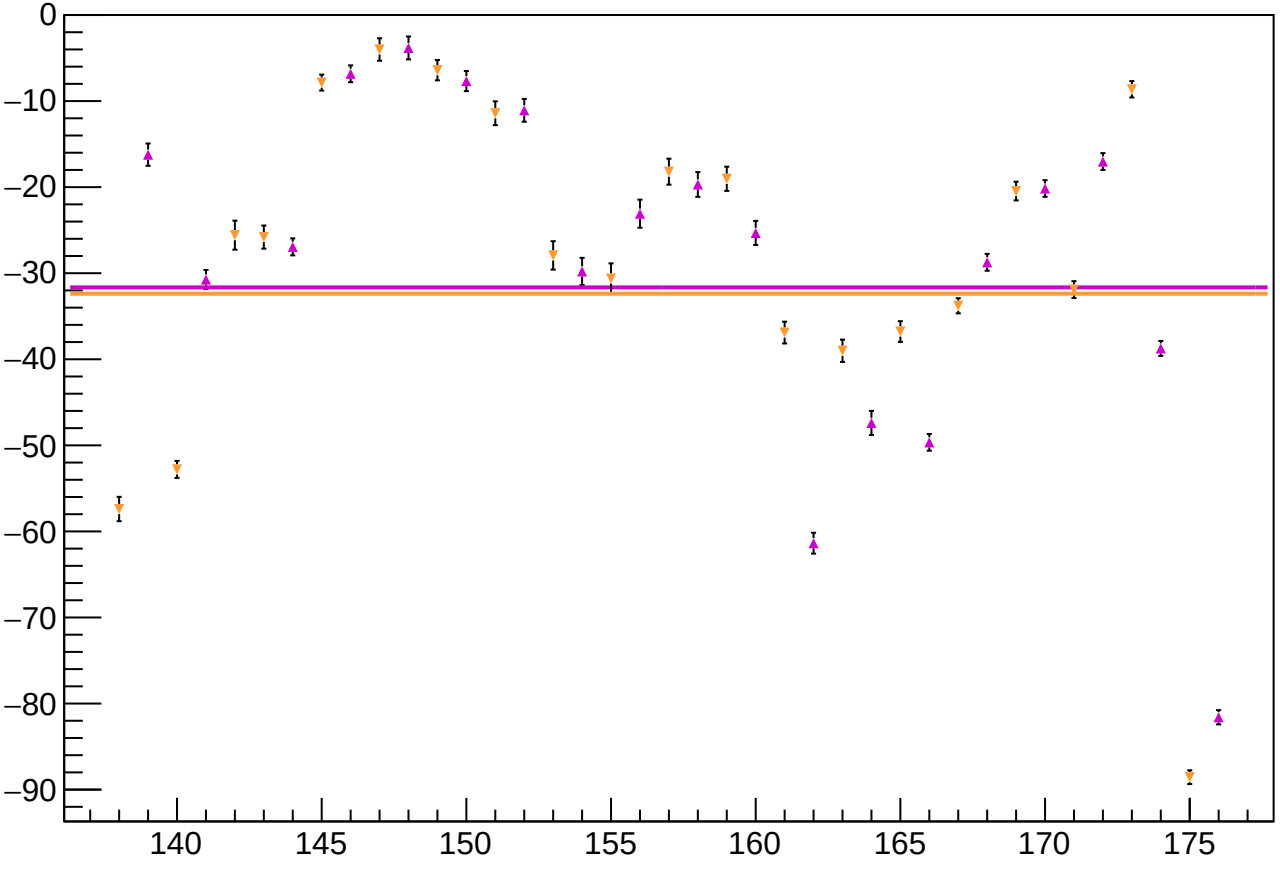
Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.857+/-0.013 χ^2/NDF:1583.4/35

Out: 0.841+/-0.014 χ^2/NDF:1762.8/38

All: 0.849+/-0.010 χ^2/NDF: 3346.9/74

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -32.383+/-0.260 χ^2/NDF:8574.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -31.648+/-0.256 χ^2/NDF:7143.1/18

Left: -32.010+/-0.182 χ^2/NDF: 15721.9/38

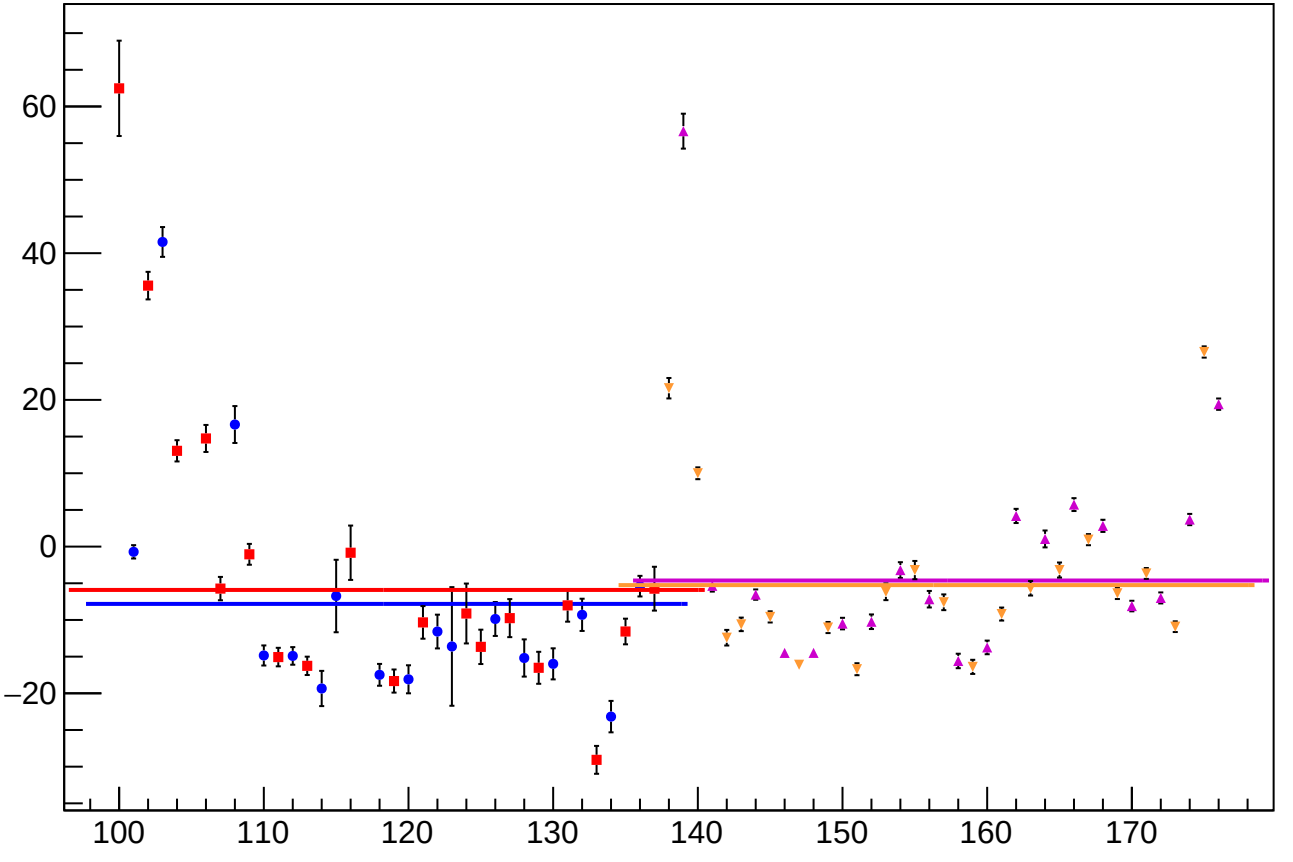
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.648+/-0.256 χ^2/NDF:7143.1/18

Out: -32.383+/-0.260 χ^2/NDF:8574.8/19

All: -32.010+/-0.182 χ^2/NDF: 15721.9/38

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.812+/-0.427 χ^2/NDF: 982.8/16

Left Out: -5.250+/-0.192 χ^2/NDF:3407.2/19

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -4.622+/-0.193 χ^2/NDF:2917.6/18

Left: -4.937+/-0.136 χ^2/NDF: 6330.1/38

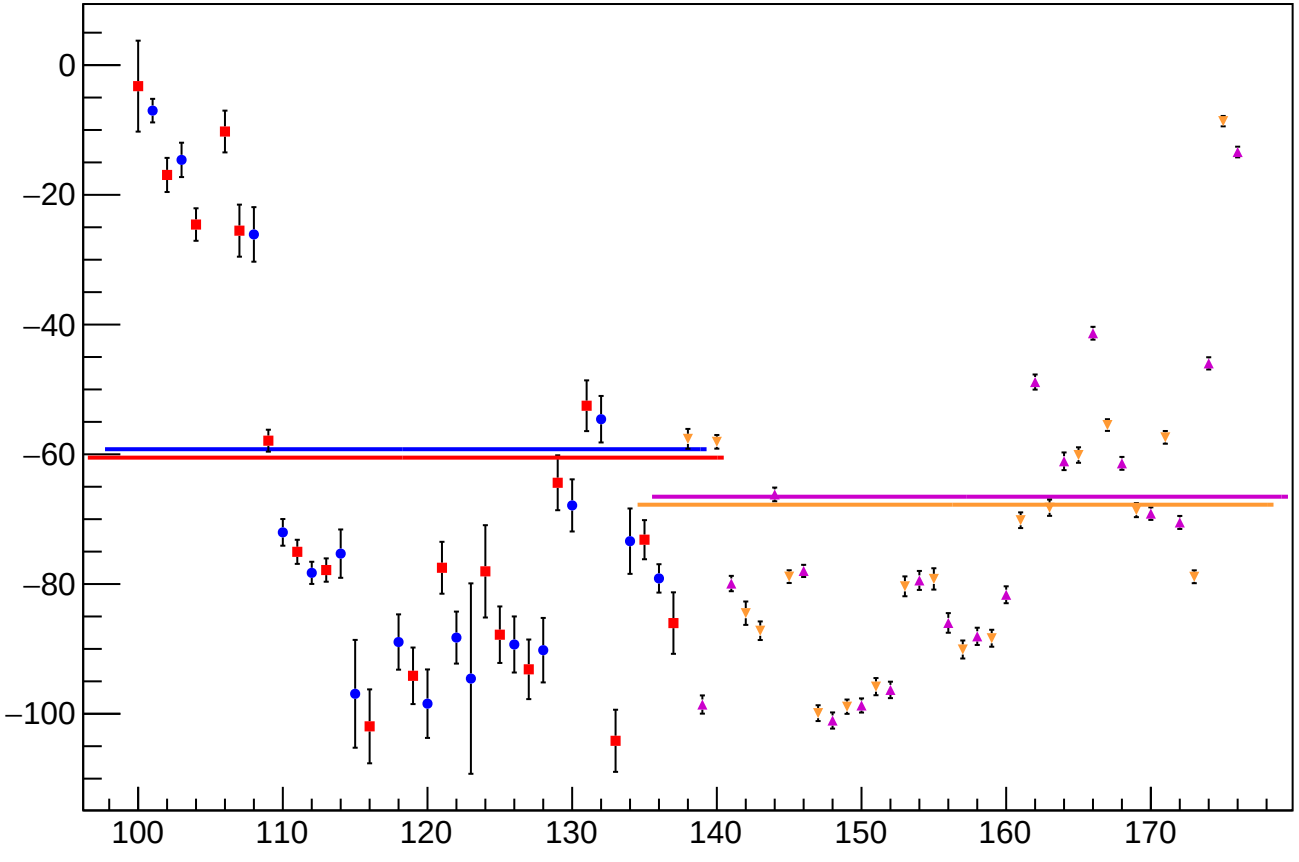
Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -5.162+/-0.176 χ^2/NDF:3946.7/35

Out: -5.360+/-0.176 χ^2/NDF:4702.2/38

All: -5.261+/-0.124 χ^2/NDF: 8649.5/74

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.214+/-0.744 χ^2/NDF: 1720.4/16

Left Out: -67.769+/-0.260 χ^2/NDF:9010.7/19

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -66.536+/-0.255 χ^2/NDF:9209.7/18

Left: -67.141+/-0.182 χ^2/NDF: 18231.9/38

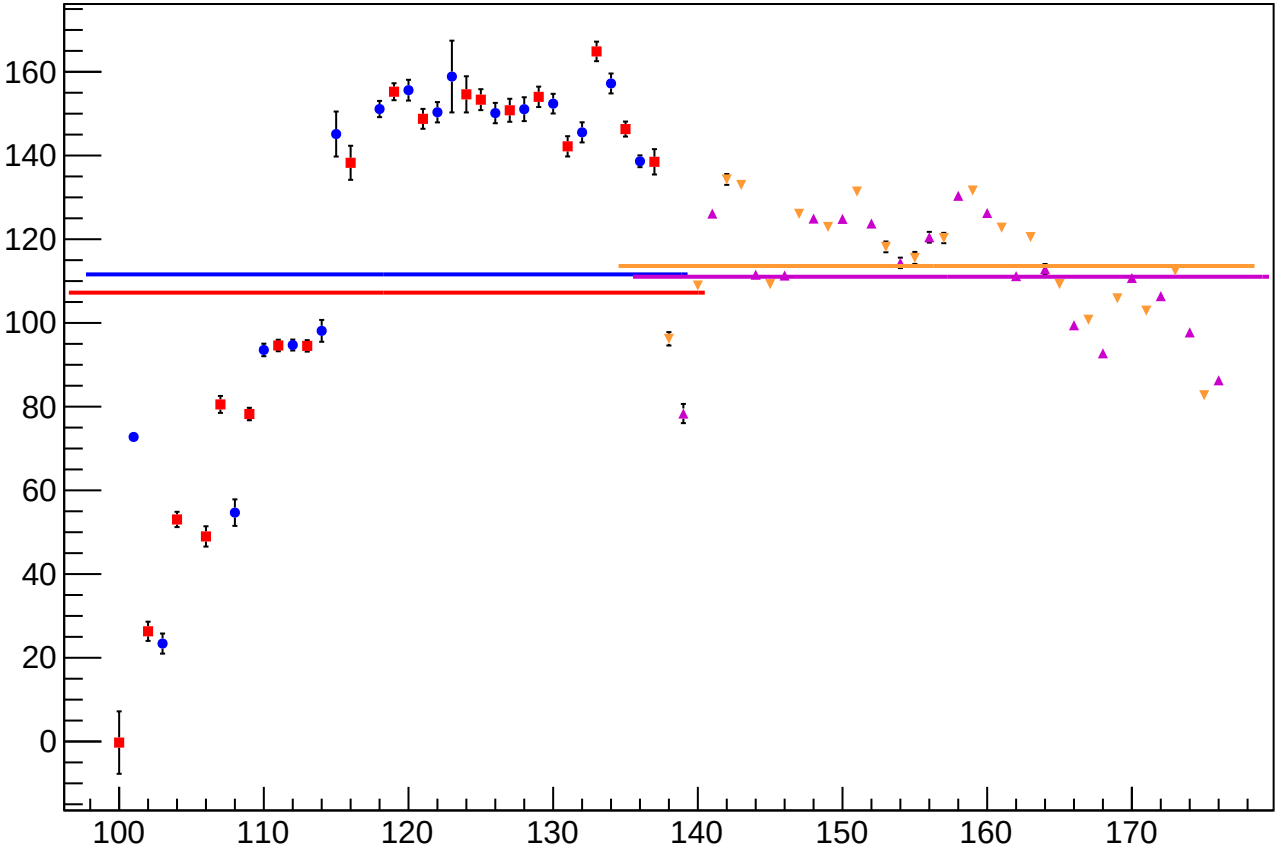
Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -65.766+/-0.241 χ^2/NDF:11016.9/35

Out: -66.900+/-0.244 χ^2/NDF:10488.1/38

All: -66.327+/-0.171 χ^2/NDF: 21515.9/74

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 113.607+/-0.220 χ^2/NDF:3793.0/19

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 111.036+/-0.220 χ^2/NDF:3372.3/18

Left: 112.321+/-0.156 χ^2/NDF: 7233.4/38

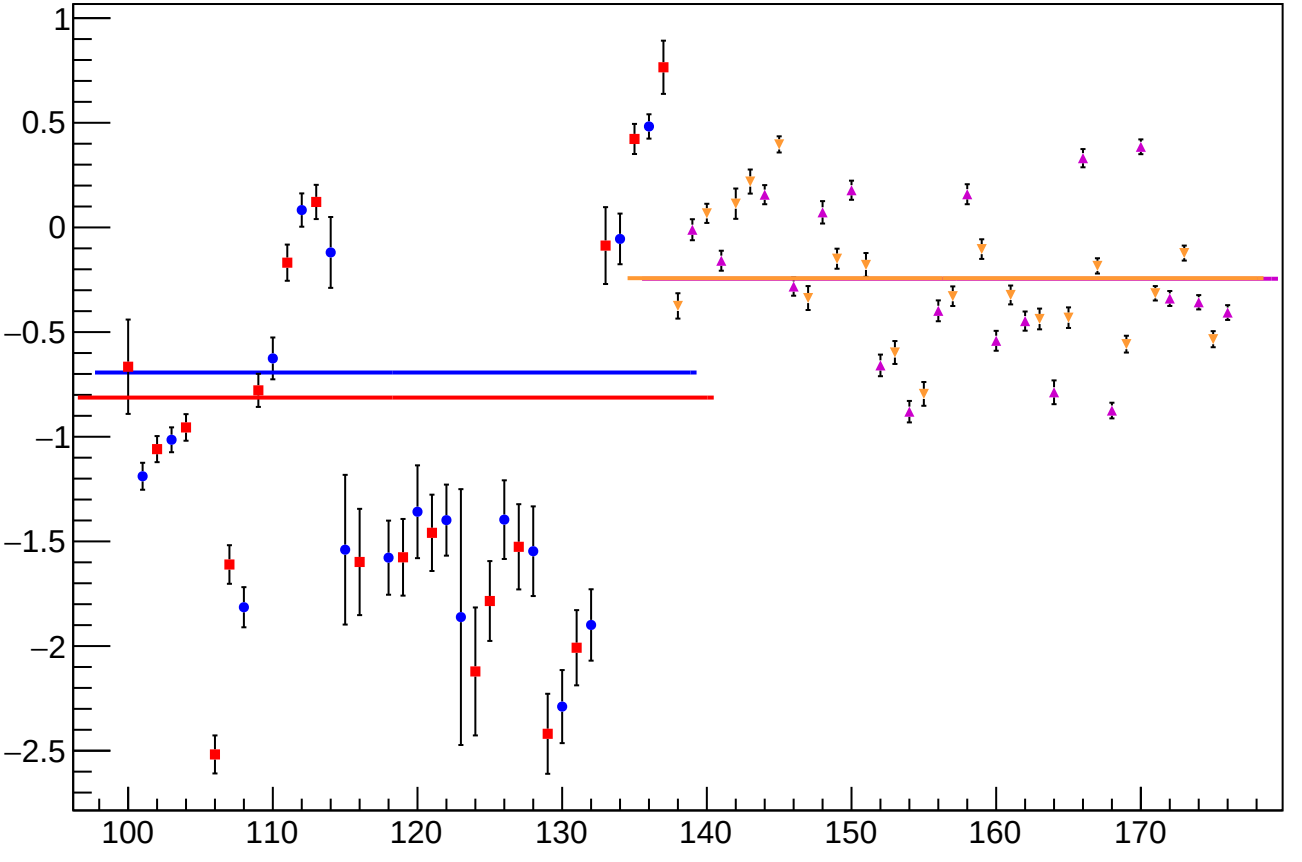
Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 111.131+/-0.201 χ^2/NDF:9332.9/35

Out: 112.528+/-0.201 χ^2/NDF:10972.1/38

All: 111.829+/-0.142 χ^2/NDF: 20329.2/74

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.693+/-0.026 χ^2/NDF: 993.1/16

Left Out: -0.242+/-0.010 χ^2/NDF:740.5/19

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.245+/-0.010 χ^2/NDF:1486.5/18

Left: -0.244+/-0.007 χ^2/NDF: 2227.1/38

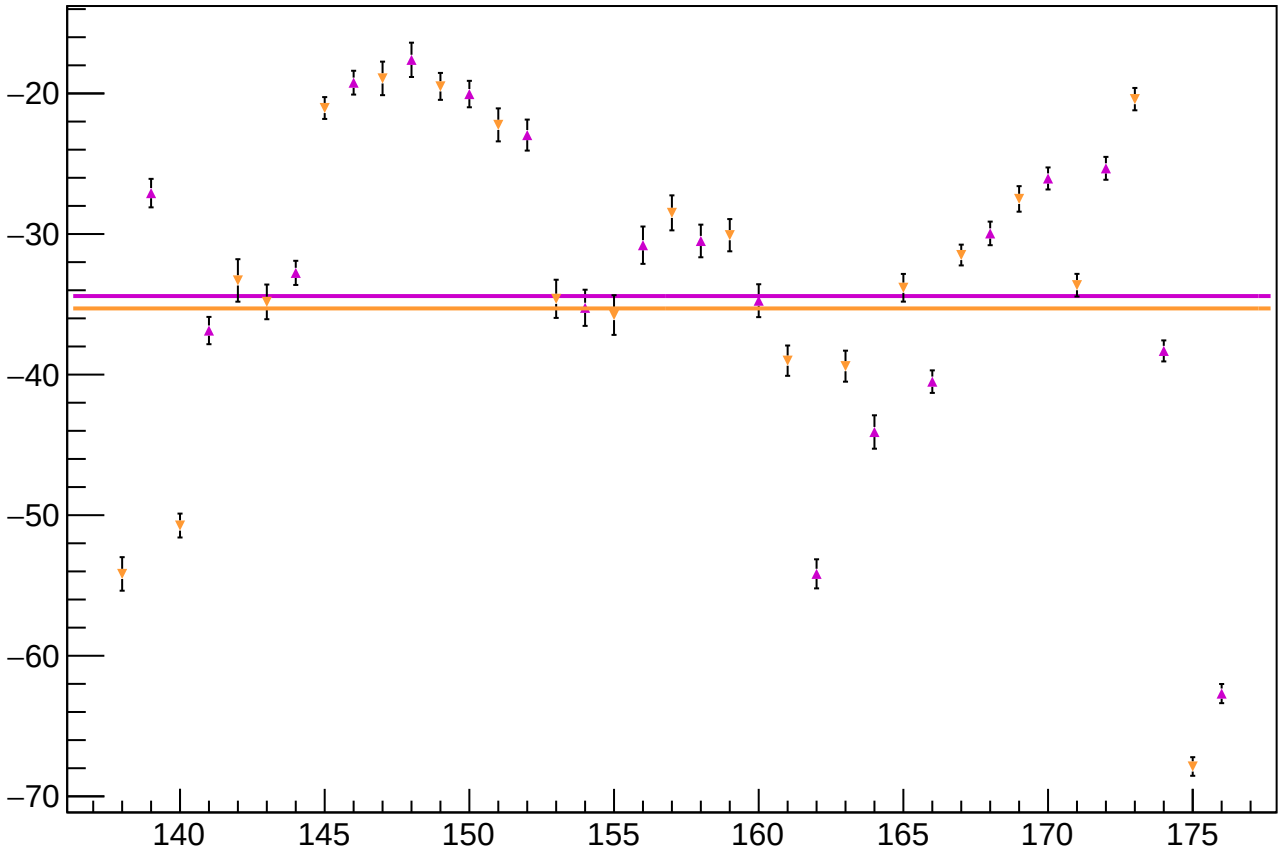
Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.304+/-0.009 χ^2/NDF:2742.0/35

Out: -0.329+/-0.009 χ^2/NDF:2517.6/38

All: -0.316+/-0.007 χ^2/NDF: 5263.0/74

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -35.293+/-0.218 χ^2/NDF:4456.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -34.413+/-0.214 χ^2/NDF:3440.3/18

Left: -34.845+/-0.153 χ^2/NDF: 7905.4/38

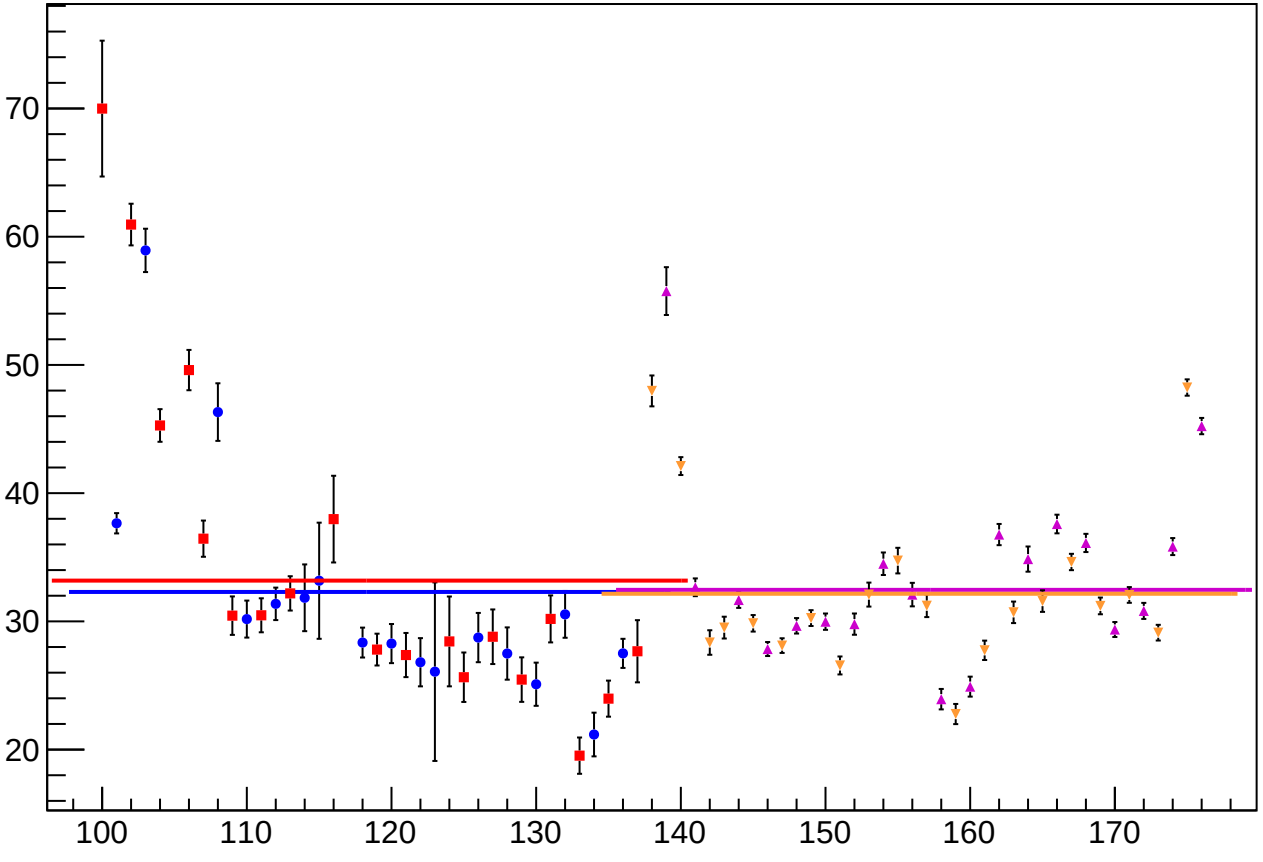
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.413+/-0.214 χ^2/NDF:3440.3/18

Out: -35.293+/-0.218 χ^2/NDF:4456.8/19

All: -34.845+/-0.153 χ^2/NDF: 7905.4/38

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295+/-0.373 χ^2/NDF: 452.2/16

Left Out: 32.153+/-0.163 χ^2/NDF:1404.2/19

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 32.458+/-0.164 χ^2/NDF:1065.0/18

Left: 32.305+/-0.116 χ^2/NDF: 2471.0/38

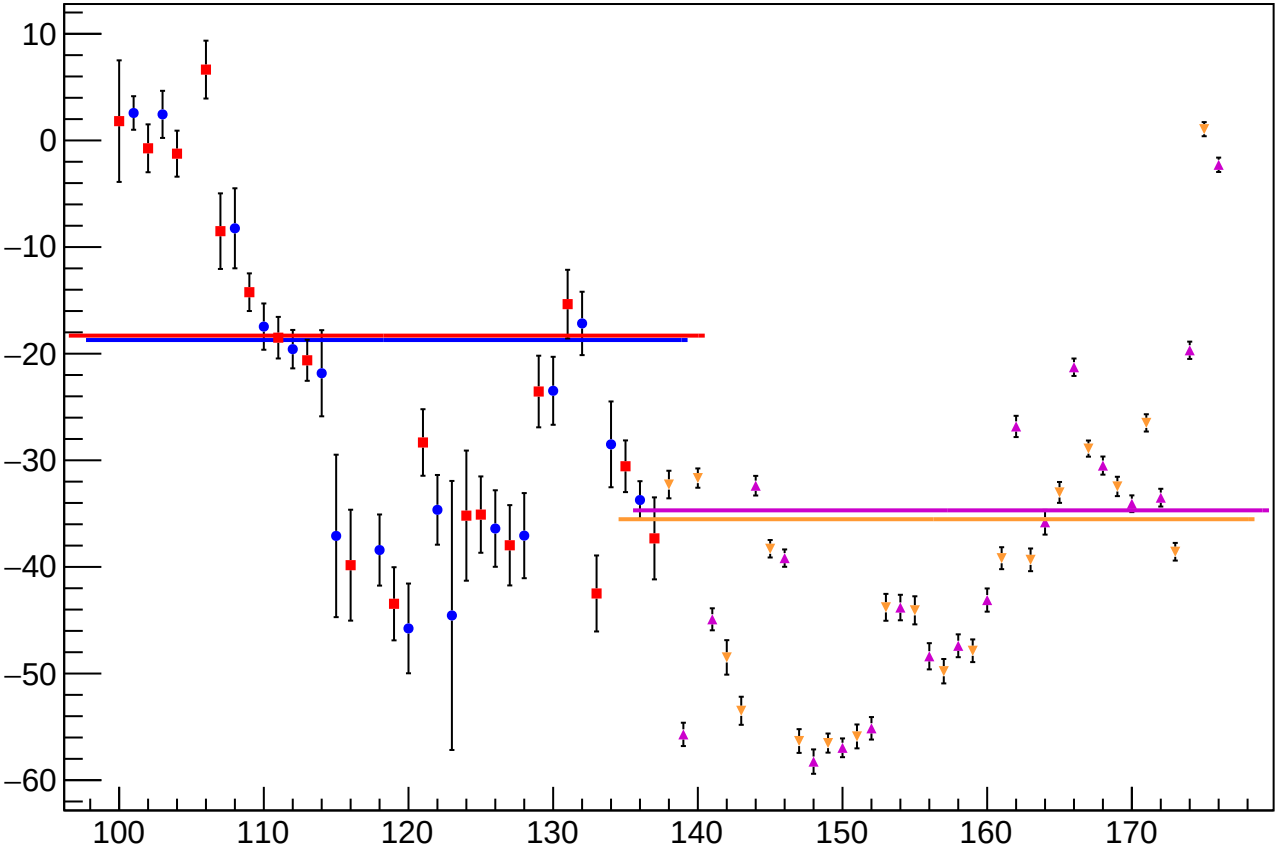
Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 32.432+/-0.150 χ^2/NDF:1517.4/35

Out: 32.313+/-0.150 χ^2/NDF:2180.7/38

All: 32.373+/-0.106 χ^2/NDF: 3698.4/74

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.721+/-0.665 χ^2/NDF: 519.6/16

Left Out: -35.526+/-0.218 χ^2/NDF:5198.5/19

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -34.694+/-0.214 χ^2/NDF:5340.9/18

Left: -35.102+/-0.153 χ^2/NDF: 10546.8/38

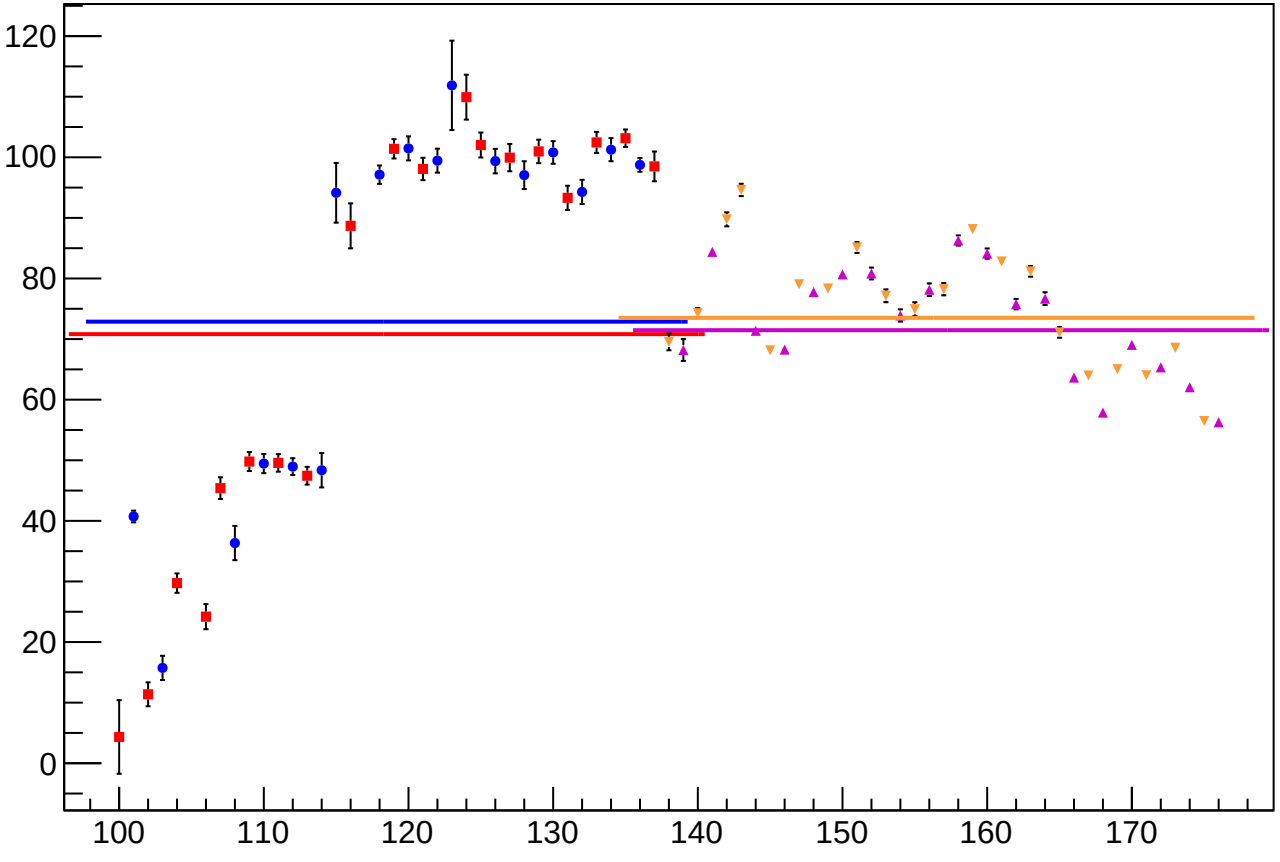
Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -33.201+/-0.203 χ^2/NDF:6382.9/35

Out: -33.754+/-0.206 χ^2/NDF:6313.5/38

All: -33.474+/-0.145 χ^2/NDF: 12700.1/74

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.875+/-0.426 χ^2/NDF: 4737.9/16

Left Out: 73.502+/-0.186 χ^2/NDF:2729.6/19

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 71.468+/-0.186 χ^2/NDF:2346.7/18

Left: 72.484+/-0.131 χ^2/NDF: 5136.3/38

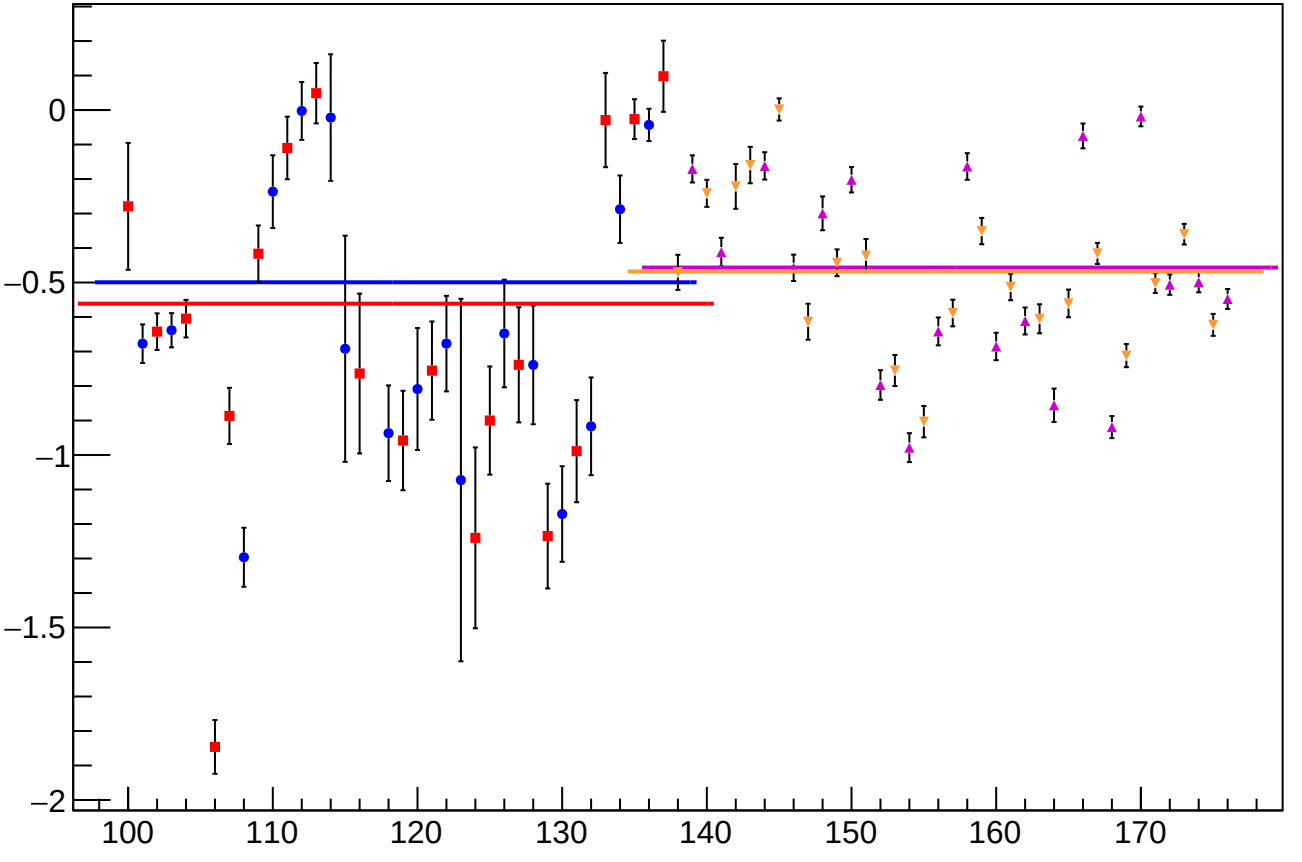
Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 71.693+/-0.170 χ^2/NDF:7093.9/35

Out: 73.084+/-0.171 χ^2/NDF:8251.3/38

All: 72.386+/-0.121 χ^2/NDF: 15378.5/74

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.499+/-0.022 χ^2/NDF: 303.5/16

Left Out: -0.468+/-0.009 χ^2/NDF:566.8/19

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.457+/-0.008 χ^2/NDF:1153.0/18

Left: -0.462+/-0.006 χ^2/NDF: 1720.7/38

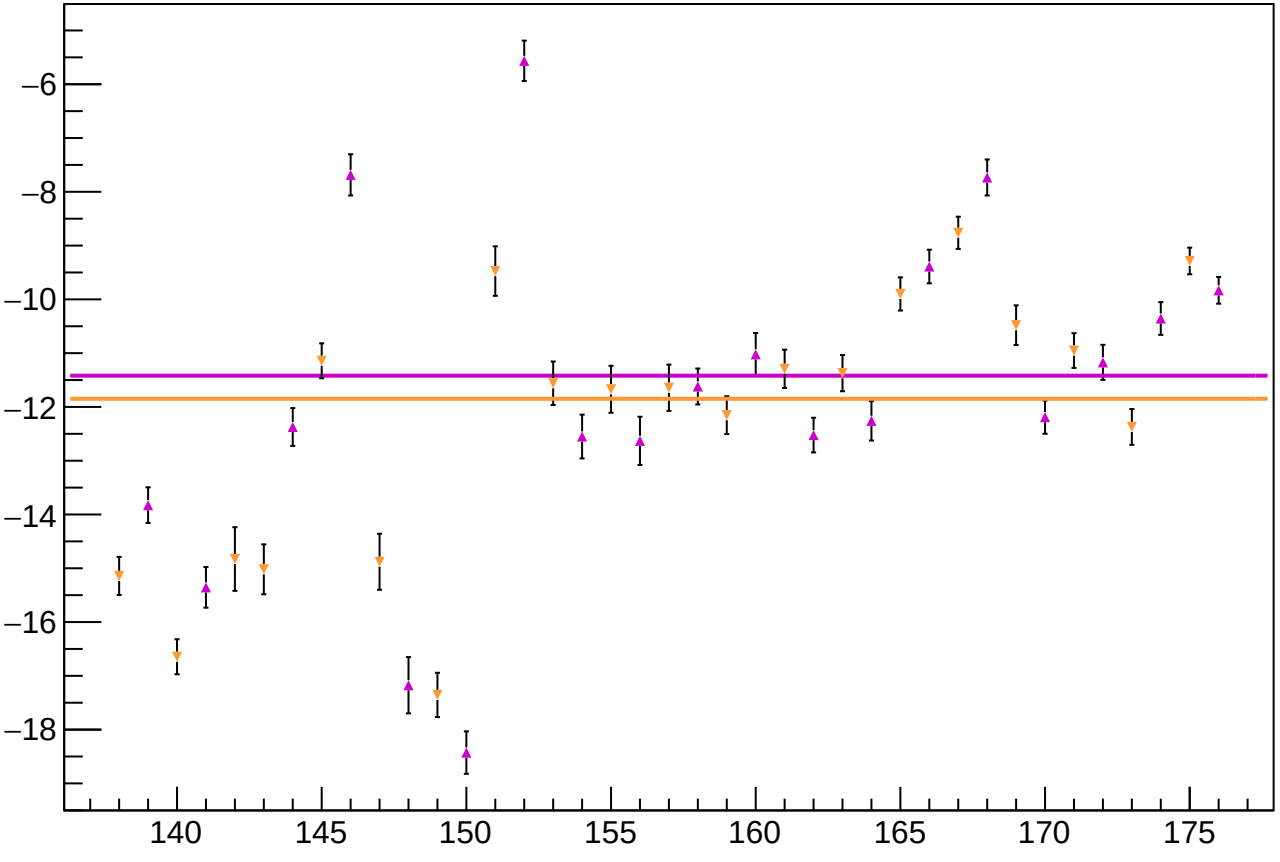
Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.462+/-0.008 χ^2/NDF:1459.7/35

Out: -0.481+/-0.008 χ^2/NDF:1145.5/38

All: -0.471+/-0.006 χ^2/NDF: 2608.1/74

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: -11.848+/-0.081 χ^2/NDF:903.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -11.419+/-0.080 χ^2/NDF:1199.0/18

Left: -11.631+/-0.057 χ^2/NDF: 2116.9/38

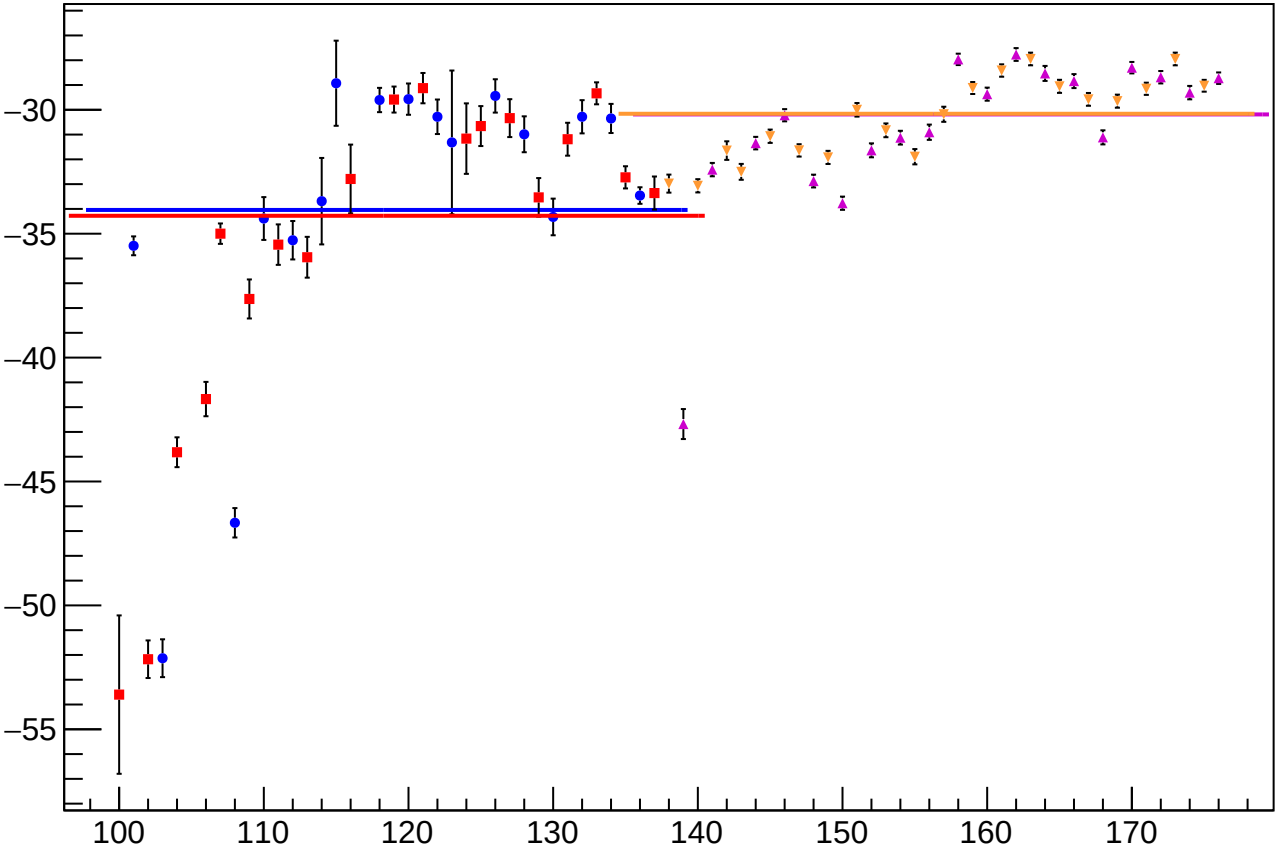
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.419+/-0.080 χ^2/NDF:1199.0/18

Out: -11.848+/-0.081 χ^2/NDF:903.5/19

All: -11.631+/-0.057 χ^2/NDF: 2116.9/38

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.042+/-0.151 χ^2/NDF: 1340.8/16

Left Out: -30.160+/-0.061 χ^2/NDF:656.7/19

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -30.187+/-0.062 χ^2/NDF:1252.8/18

Left: -30.173+/-0.043 χ^2/NDF: 1909.6/38

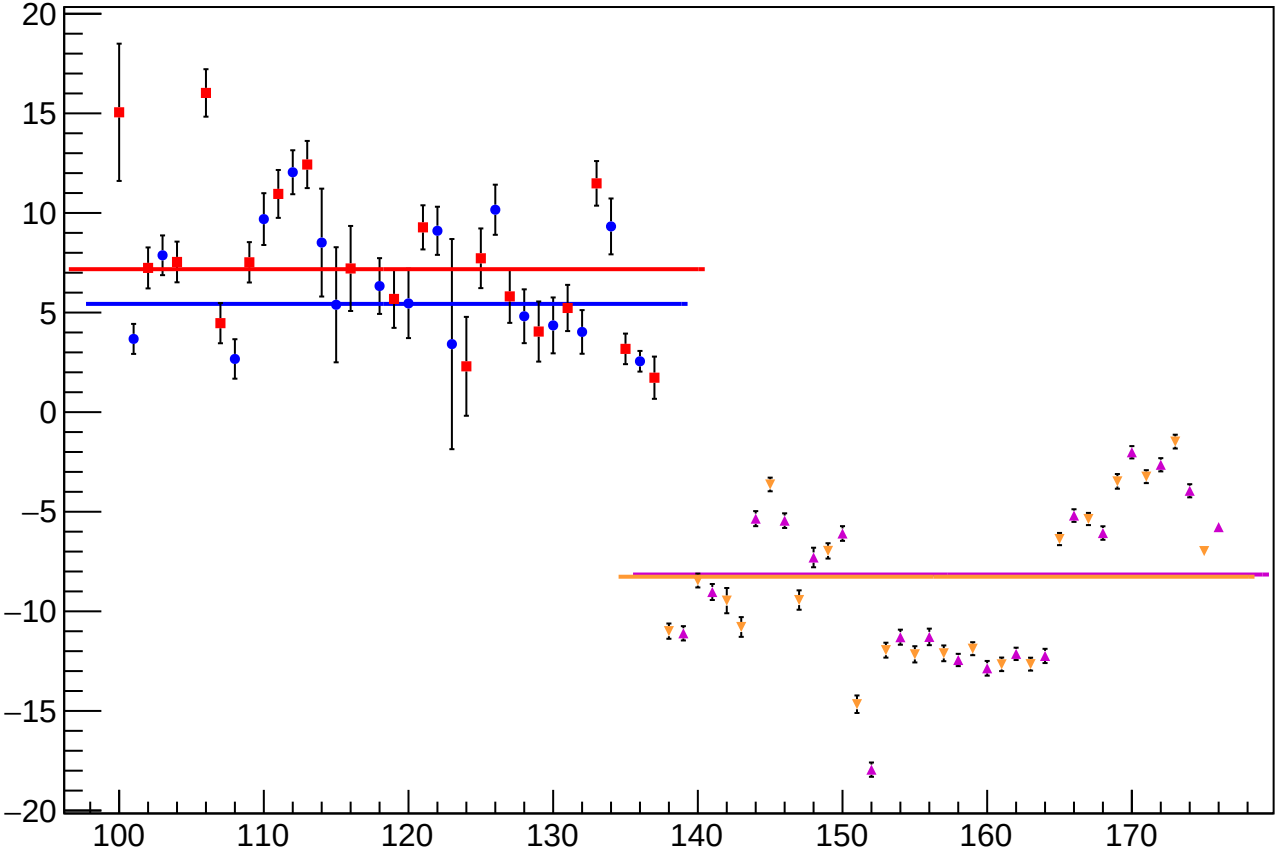
Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -30.737+/-0.057 χ^2/NDF:3154.5/35

Out: -30.735+/-0.056 χ^2/NDF:2647.1/38

All: -30.736+/-0.040 χ^2/NDF: 5801.6/74

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435+/-0.270 χ^2/NDF: 132.0/16

Left Out: -8.262+/-0.080 χ^2/NDF:2191.5/19

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -8.152+/-0.079 χ^2/NDF:2784.5/18

Left: -8.207+/-0.056 χ^2/NDF: 4977.0/38

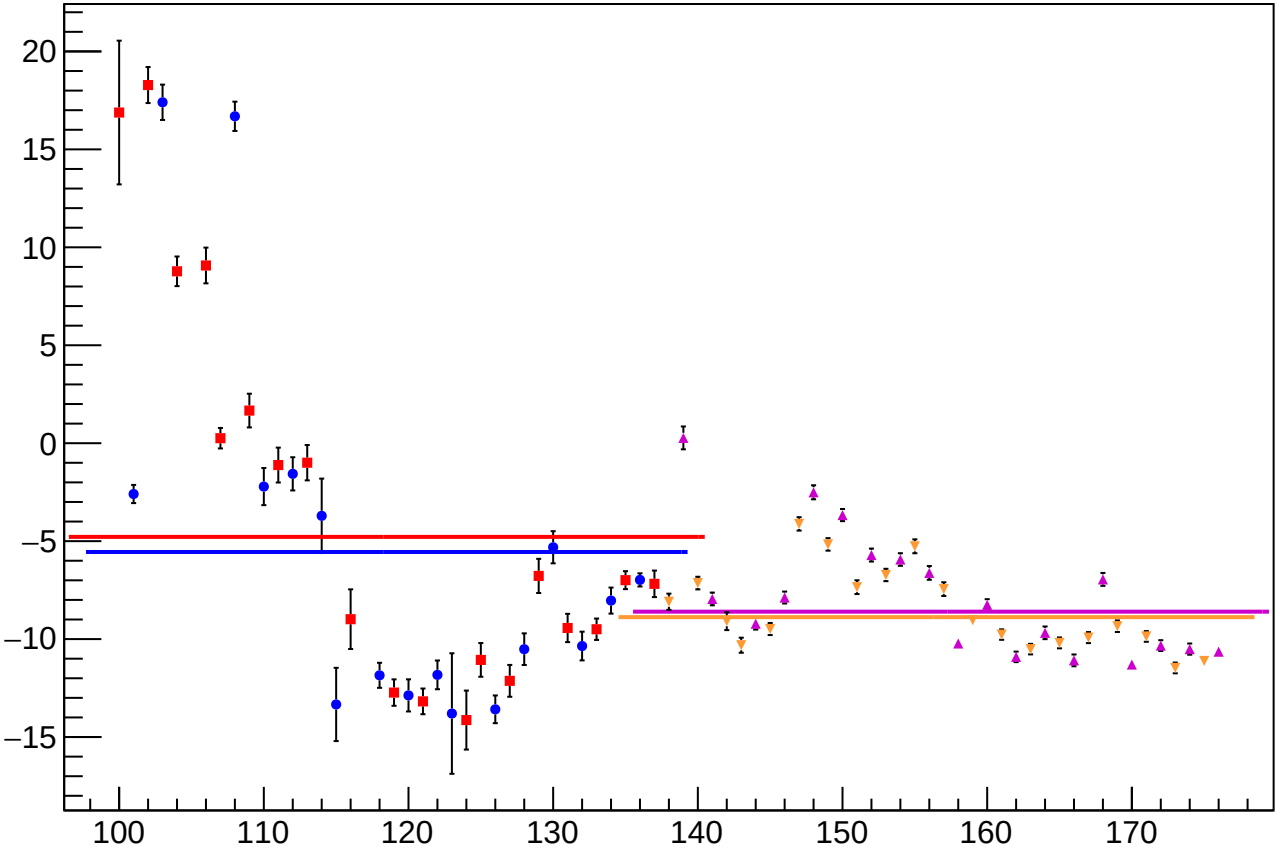
Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -7.077+/-0.076 χ^2/NDF:5256.0/35

Out: -7.050+/-0.077 χ^2/NDF:5296.5/38

All: -7.064+/-0.054 χ^2/NDF: 10552.6/74

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -8.880+/-0.069 χ^2/NDF:832.8/19

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -8.600+/-0.069 χ^2/NDF:1456.8/18

Left: -8.741+/-0.049 χ^2/NDF: 2297.9/38

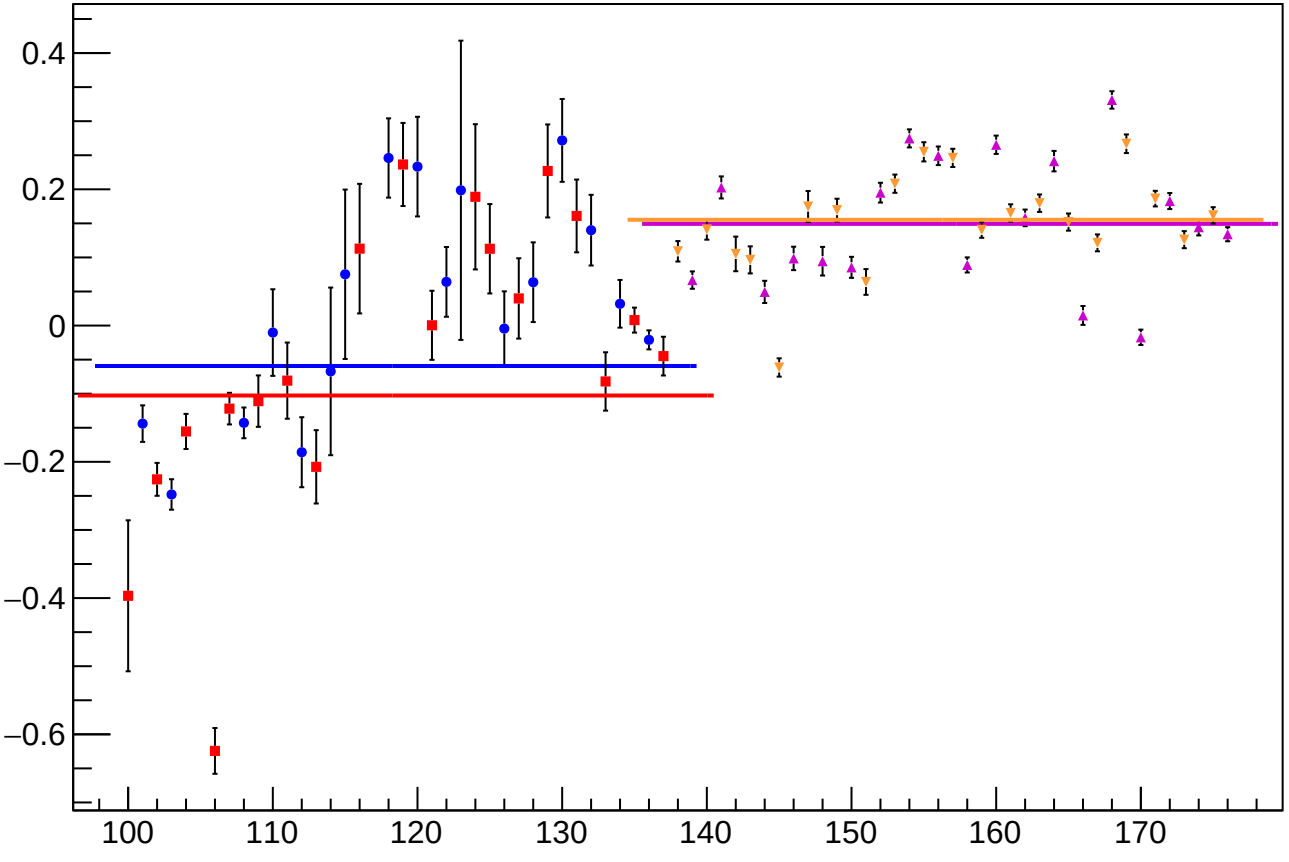
Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -8.168+/-0.064 χ^2/NDF:3858.1/35

Out: -8.323+/-0.064 χ^2/NDF:3359.0/38

All: -8.246+/-0.045 χ^2/NDF: 7220.1/74

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.059+/-0.008 χ^2/NDF: 217.6/16

Left Out: 0.155+/-0.003 χ^2/NDF:513.1/19

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.149+/-0.003 χ^2/NDF:941.7/18

Left: 0.152+/-0.002 χ^2/NDF: 1456.7/38

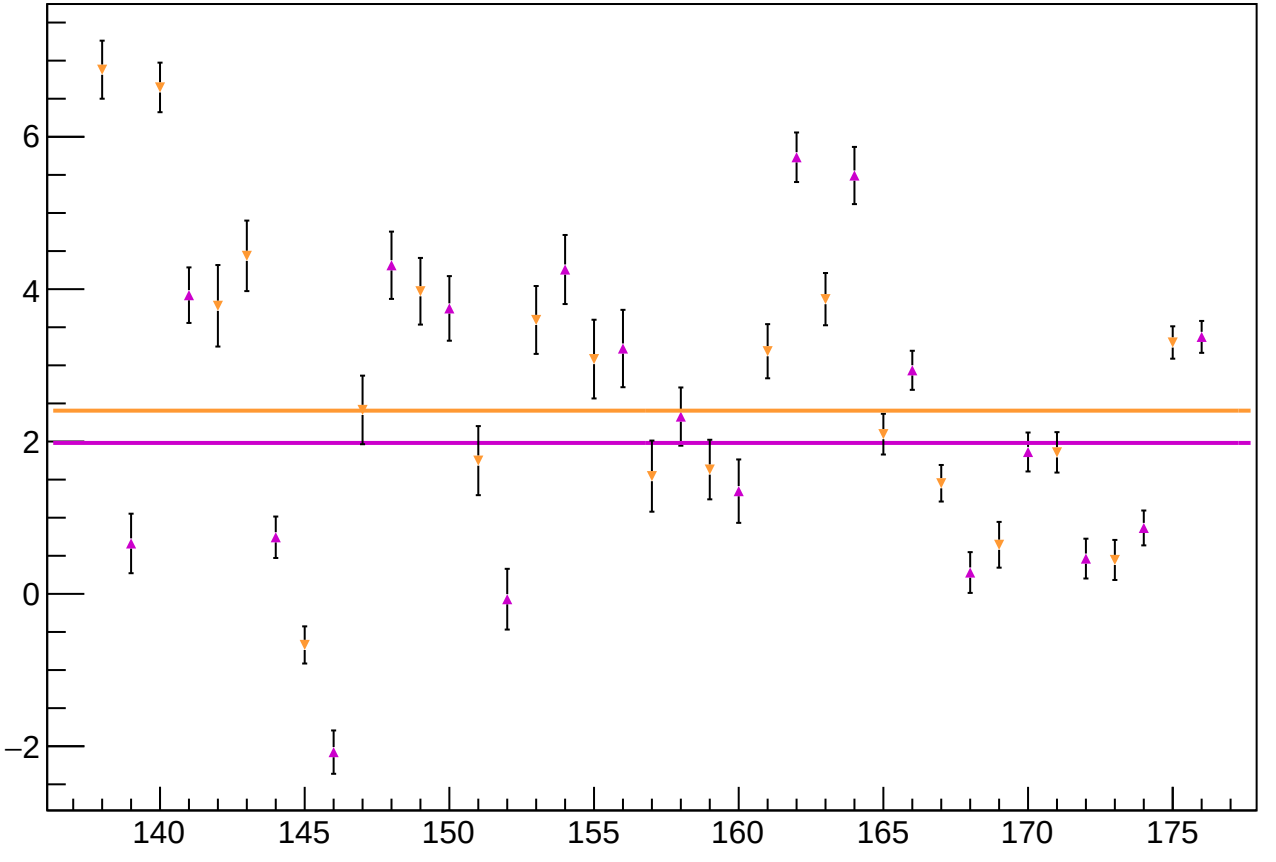
Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.125+/-0.003 χ^2/NDF:1704.9/35

Out: 0.124+/-0.003 χ^2/NDF:1772.9/38

All: 0.124+/-0.002 χ^2/NDF: 3477.8/74

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: 2.405+/-0.073 χ^2/NDF:676.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 1.981+/-0.071 χ^2/NDF:746.4/18

Left: 2.188+/-0.051 χ^2/NDF: 1439.7/38

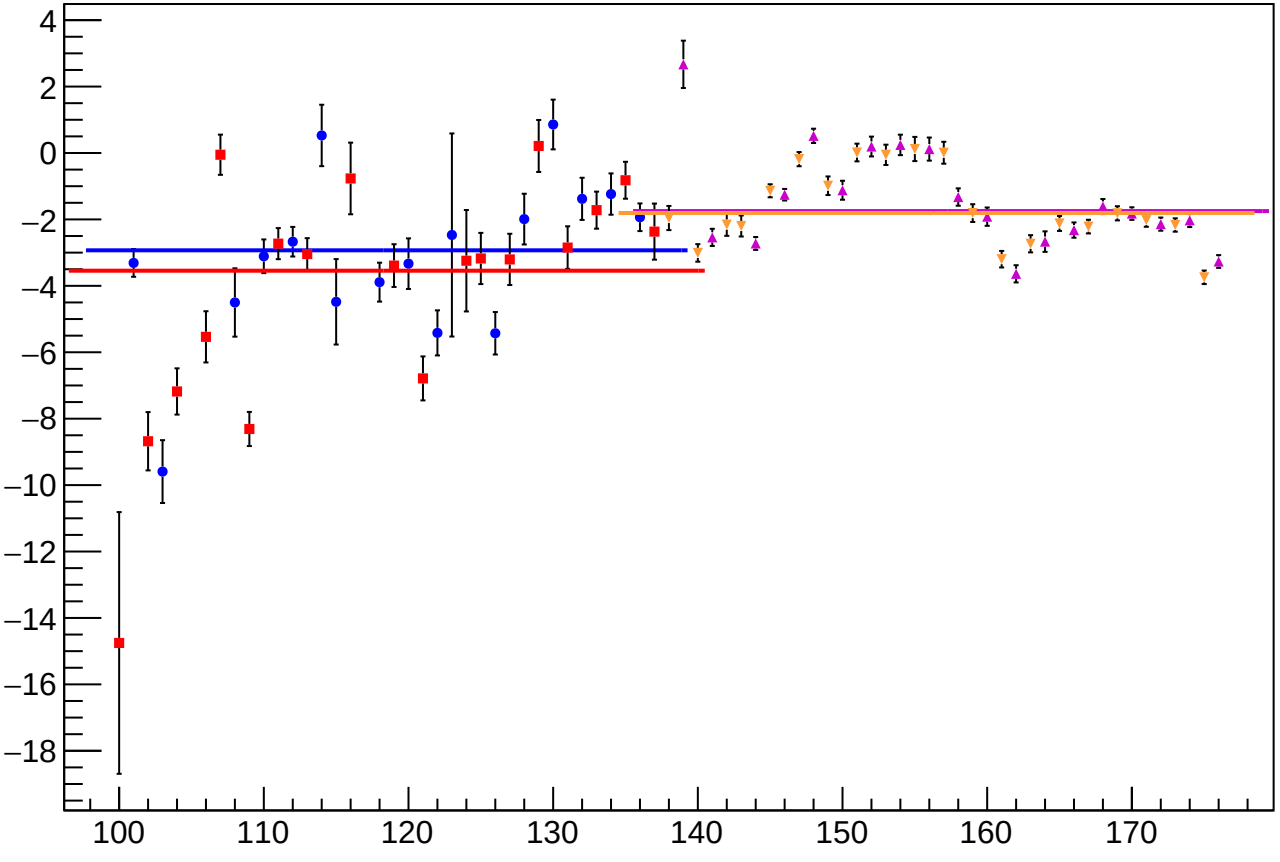
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.981+/-0.071 χ^2/NDF:746.4/18

Out: 2.405+/-0.073 χ^2/NDF:676.2/19

All: 2.188+/-0.051 χ^2/NDF: 1439.7/38

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.930+/-0.154 χ^2/NDF: 146.5/16

Left Out: -1.806+/-0.055 χ^2/NDF:383.8/19

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -1.749+/-0.055 χ^2/NDF:449.5/18

Left: -1.777+/-0.039 χ^2/NDF: 833.9/38

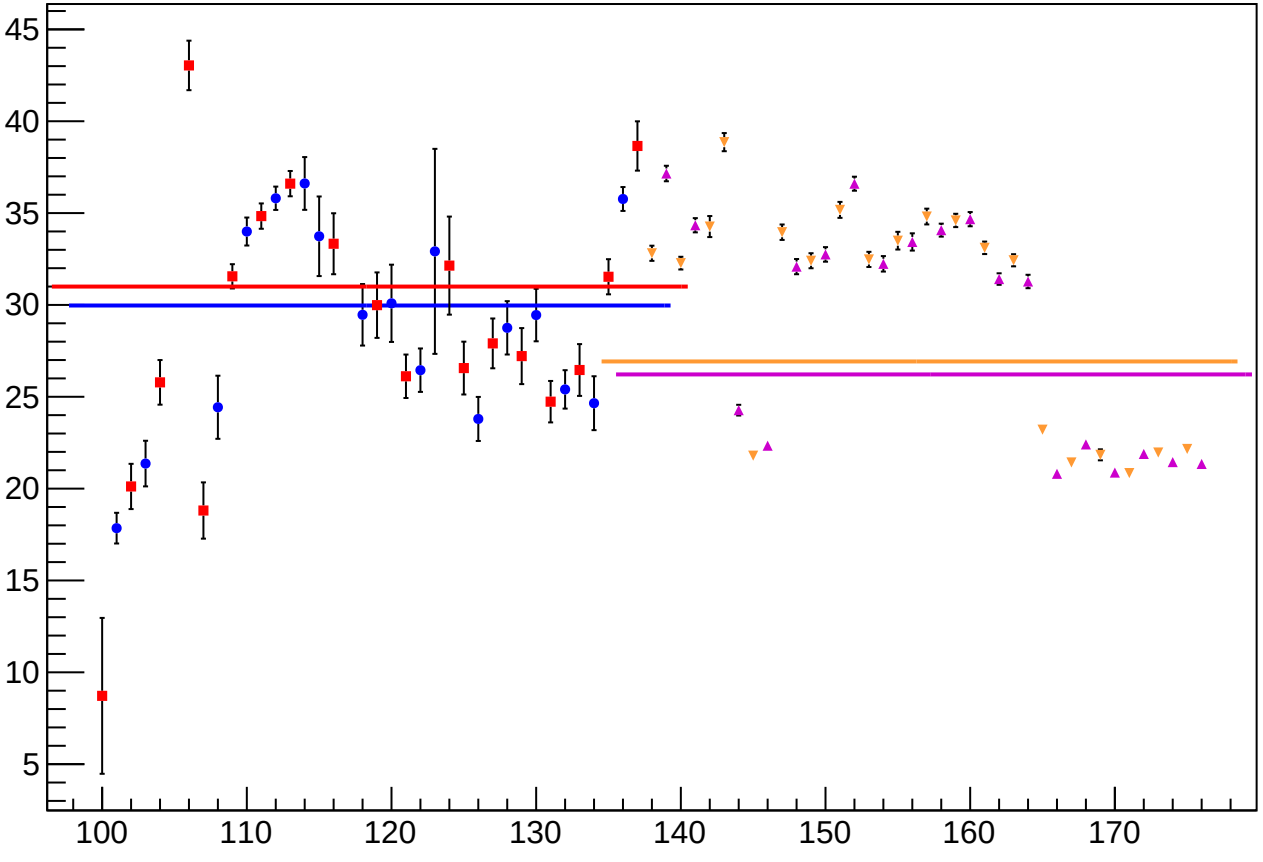
Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -1.881+/-0.051 χ^2/NDF:648.4/35

Out: -2.003+/-0.052 χ^2/NDF:787.5/38

All: -1.941+/-0.037 χ^2/NDF: 1438.7/74

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 26.923+/-0.073 χ^2/NDF:6490.5/19

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 26.217+/-0.071 χ^2/NDF:6695.7/18

Left: 26.560+/-0.051 χ^2/NDF: 13233.7/38

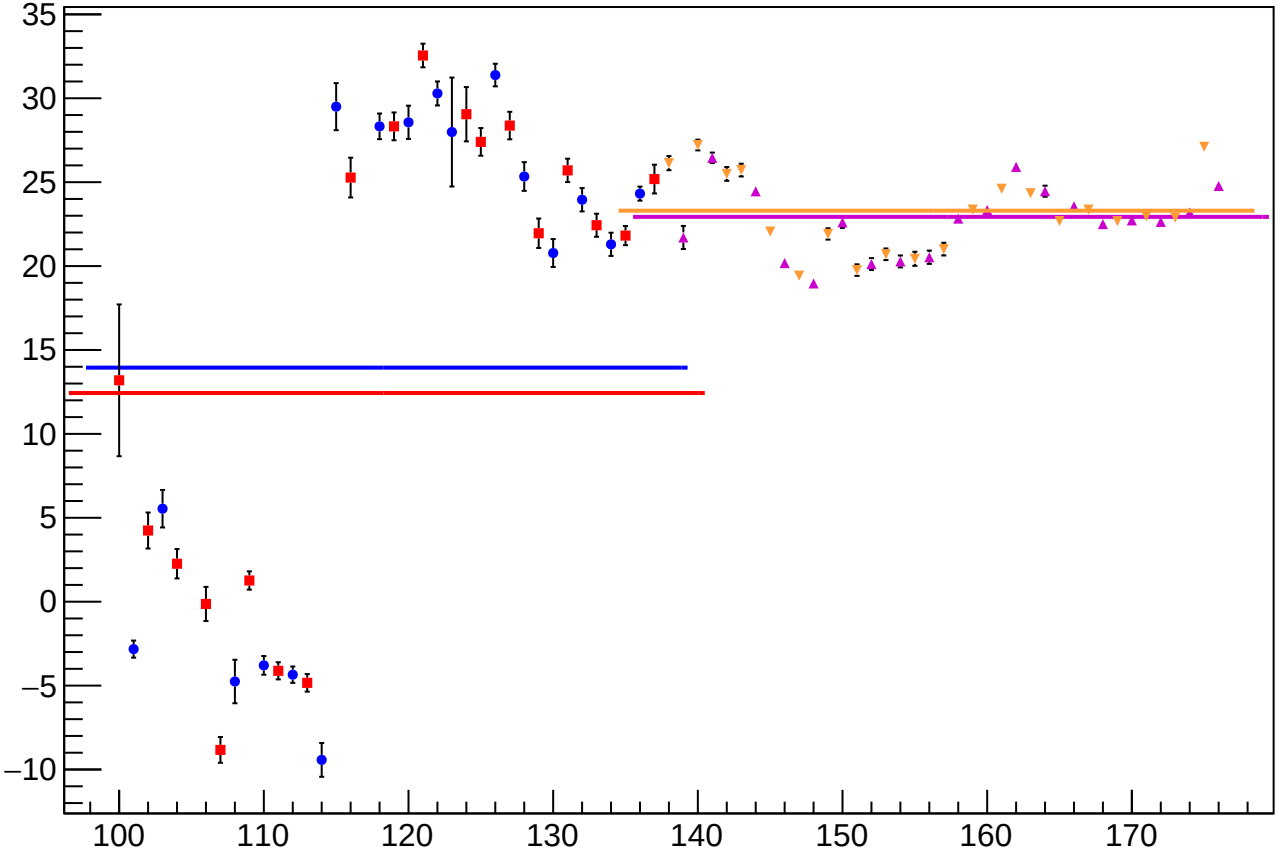
Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 26.468+/-0.069 χ^2/NDF:7434.7/35

Out: 27.224+/-0.071 χ^2/NDF:7197.7/38

All: 26.837+/-0.049 χ^2/NDF: 14691.1/74

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948+/-0.172 χ^2/NDF: 7391.9/16

Left Out: 23.301+/-0.063 χ^2/NDF:1104.0/19

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 22.932+/-0.062 χ^2/NDF:900.3/18

Left: 23.114+/-0.044 χ^2/NDF: 2021.9/38

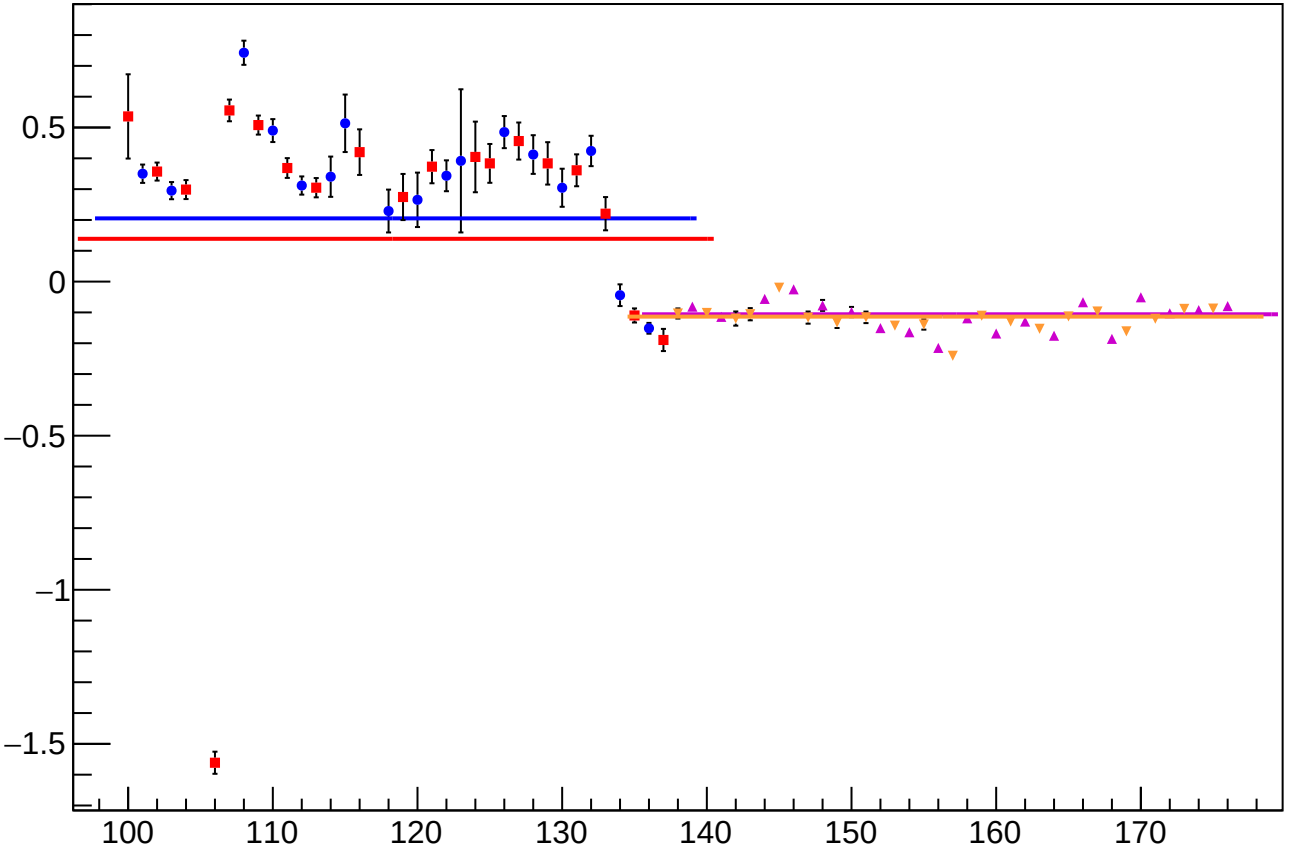
Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 21.906+/-0.058 χ^2/NDF:10709.9/35

Out: 22.053+/-0.059 χ^2/NDF:11531.7/38

All: 21.978+/-0.041 χ^2/NDF: 22244.7/74

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205+/-0.009 χ^2/NDF: 846.2/16

Left Out: -0.114+/-0.003 χ^2/NDF:216.1/19

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.106+/-0.003 χ^2/NDF:299.7/18

Left: -0.110+/-0.002 χ^2/NDF: 519.3/38

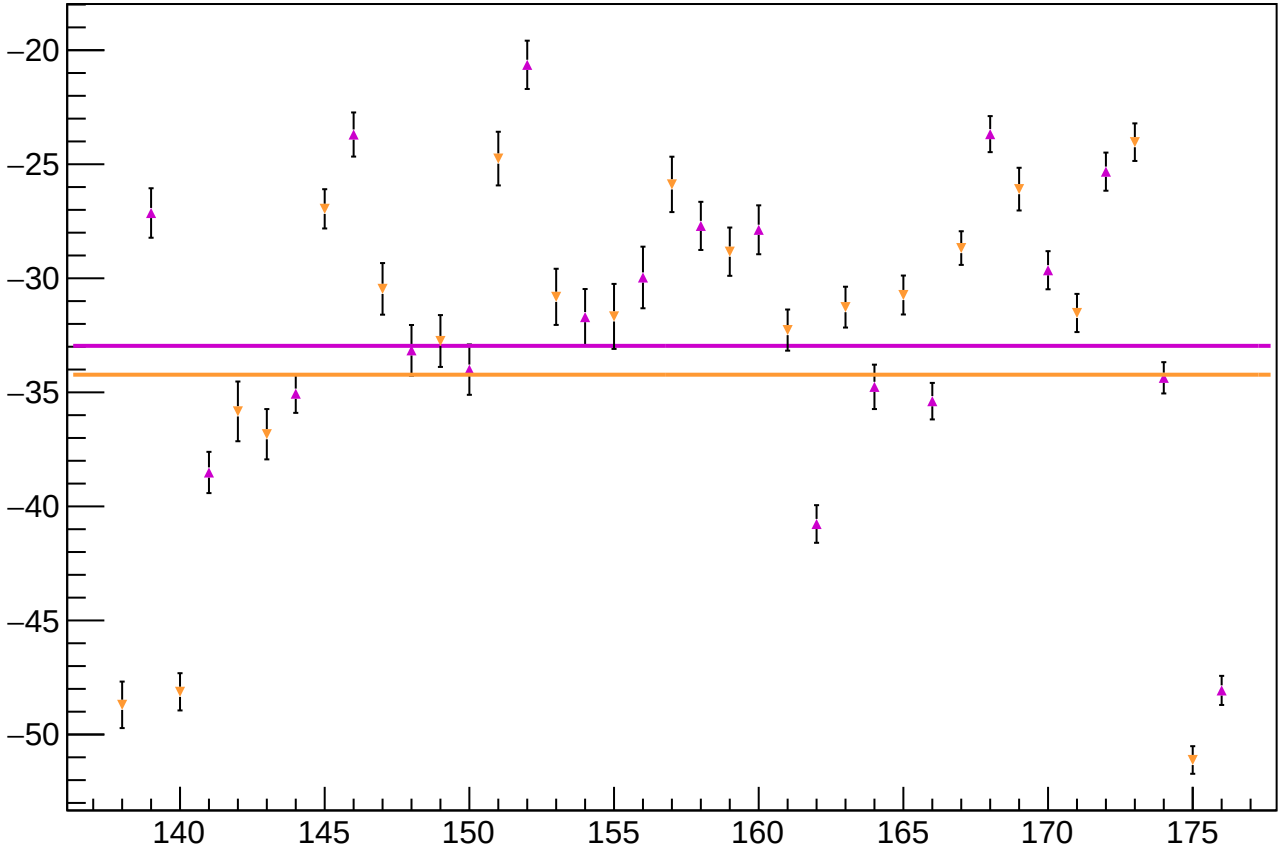
Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: -0.081+/-0.003 χ^2/NDF:2160.9/35

Out: -0.091+/-0.003 χ^2/NDF:3919.0/38

All: -0.086+/-0.002 χ^2/NDF: 6087.1/74

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -34.226+/-0.210 χ^2/NDF:1838.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -32.961+/-0.208 χ^2/NDF:1258.3/18

Left: -33.587+/-0.148 χ^2/NDF: 3115.5/38

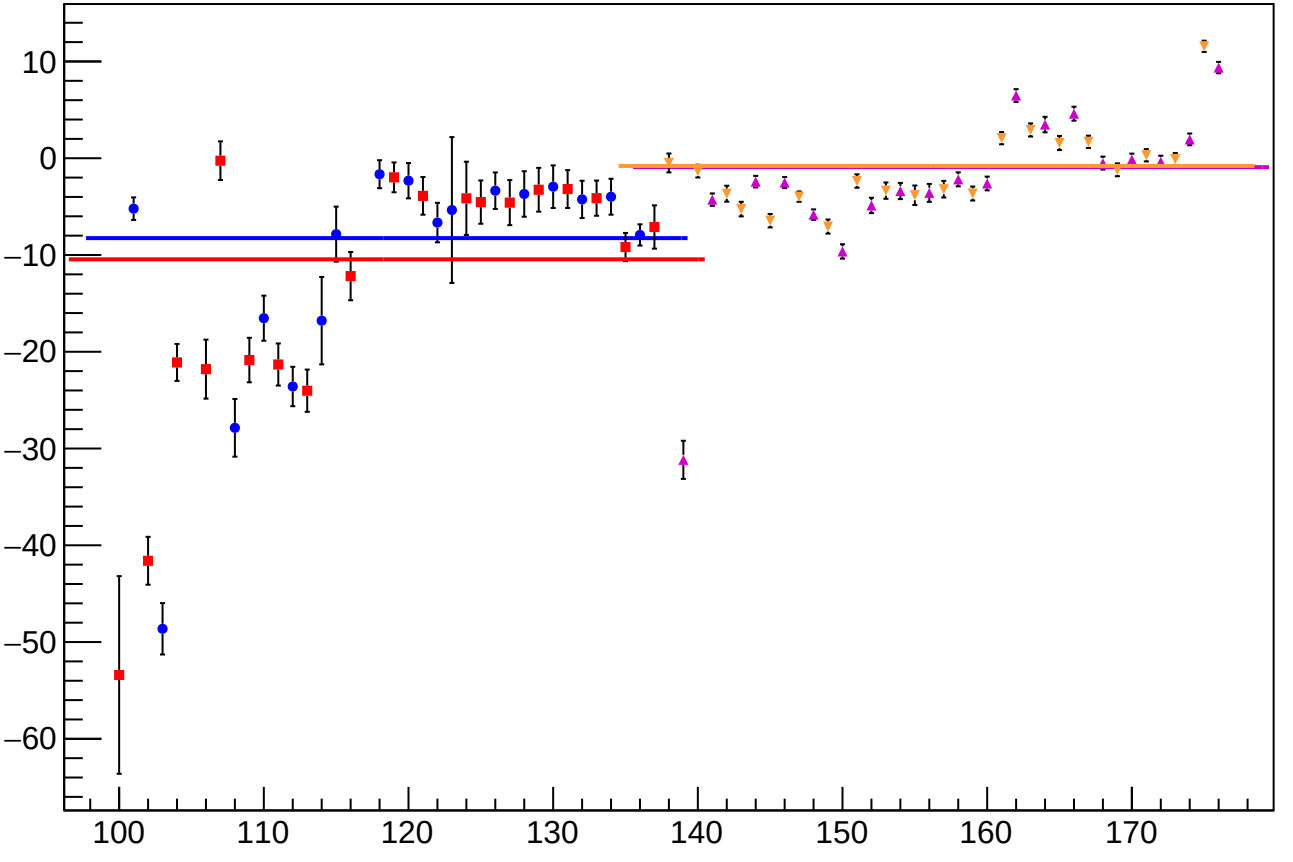
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.961+/-0.208 χ^2/NDF:1258.3/18

Out: -34.226+/-0.210 χ^2/NDF:1838.9/19

All: -33.587+/-0.148 χ^2/NDF: 3115.5/38

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257+/-0.462 χ^2/NDF: 412.1/16

Left Out: -0.796+/-0.156 χ^2/NDF:803.4/19

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -0.922+/-0.157 χ^2/NDF:1092.8/18

Left: -0.859+/-0.111 χ^2/NDF: 1896.6/38

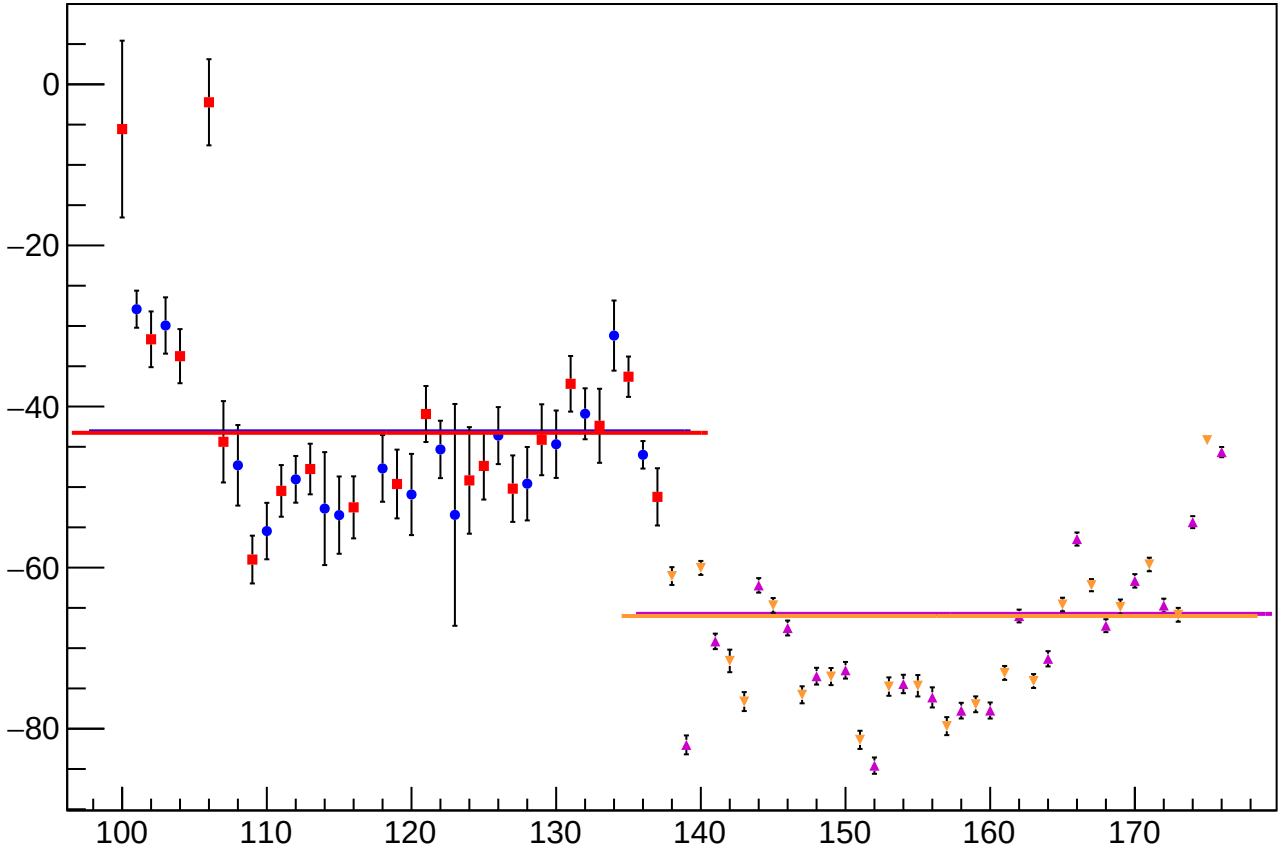
Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: -1.681+/-0.149 χ^2/NDF:1730.8/35

Out: -1.683+/-0.149 χ^2/NDF:1582.3/38

All: -1.682+/-0.105 χ^2/NDF: 3313.1/74

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.082+/-0.834 χ^2/NDF: 99.2/16

Left Out: -66.007+/-0.210 χ^2/NDF:2406.9/19

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -65.741+/-0.207 χ^2/NDF:2532.7/18

Left: -65.872+/-0.147 χ^2/NDF: 4940.4/38

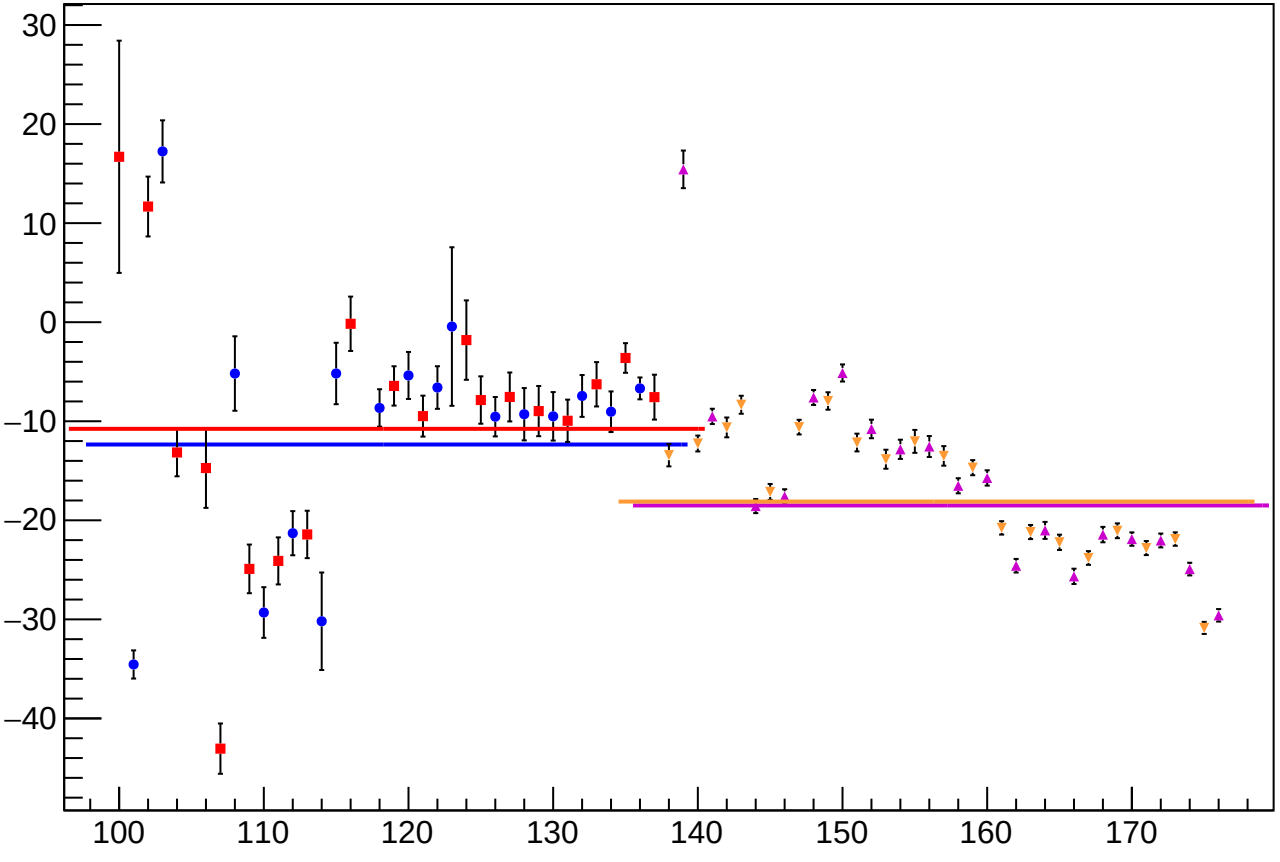
Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -64.429+/-0.201 χ^2/NDF:3326.9/35

Out: -64.750+/-0.204 χ^2/NDF:3212.1/38

All: -64.587+/-0.143 χ^2/NDF: 6540.2/74

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348+/-0.520 χ^2/NDF: 475.9/16

Left Out: -18.108+/-0.178 χ^2/NDF:1272.1/19

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -18.500+/-0.178 χ^2/NDF:1704.4/18

Left: -18.303+/-0.126 χ^2/NDF: 2978.8/38

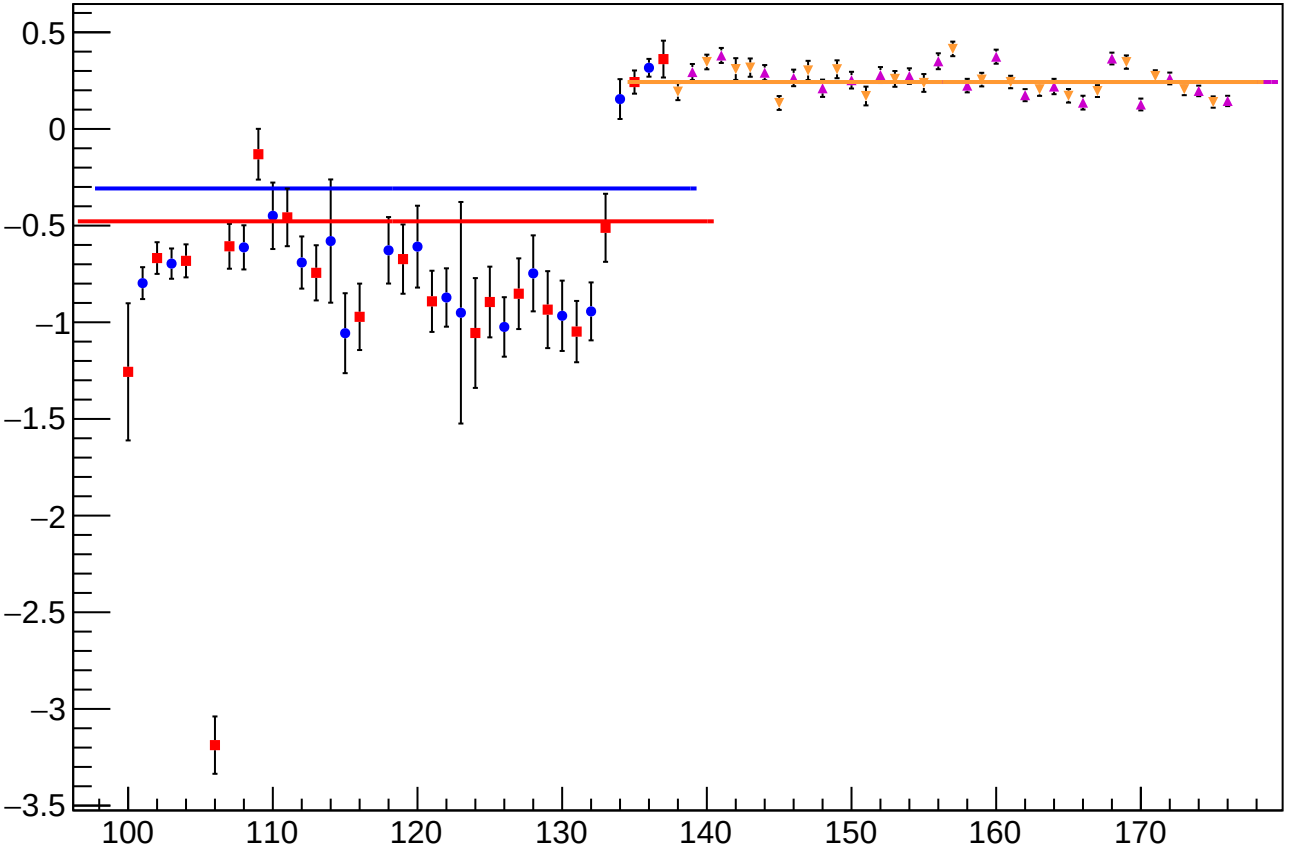
Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -17.851+/-0.169 χ^2/NDF:2305.7/35

Out: -17.420+/-0.169 χ^2/NDF:1798.2/38

All: -17.636+/-0.120 χ^2/NDF: 4107.1/74

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.308+/-0.028 χ^2/NDF: 372.4/16

Left Out: 0.243+/-0.008 χ^2/NDF:80.0/19

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.243+/-0.008 χ^2/NDF:98.8/18

Left: 0.243+/-0.006 χ^2/NDF: 178.8/38

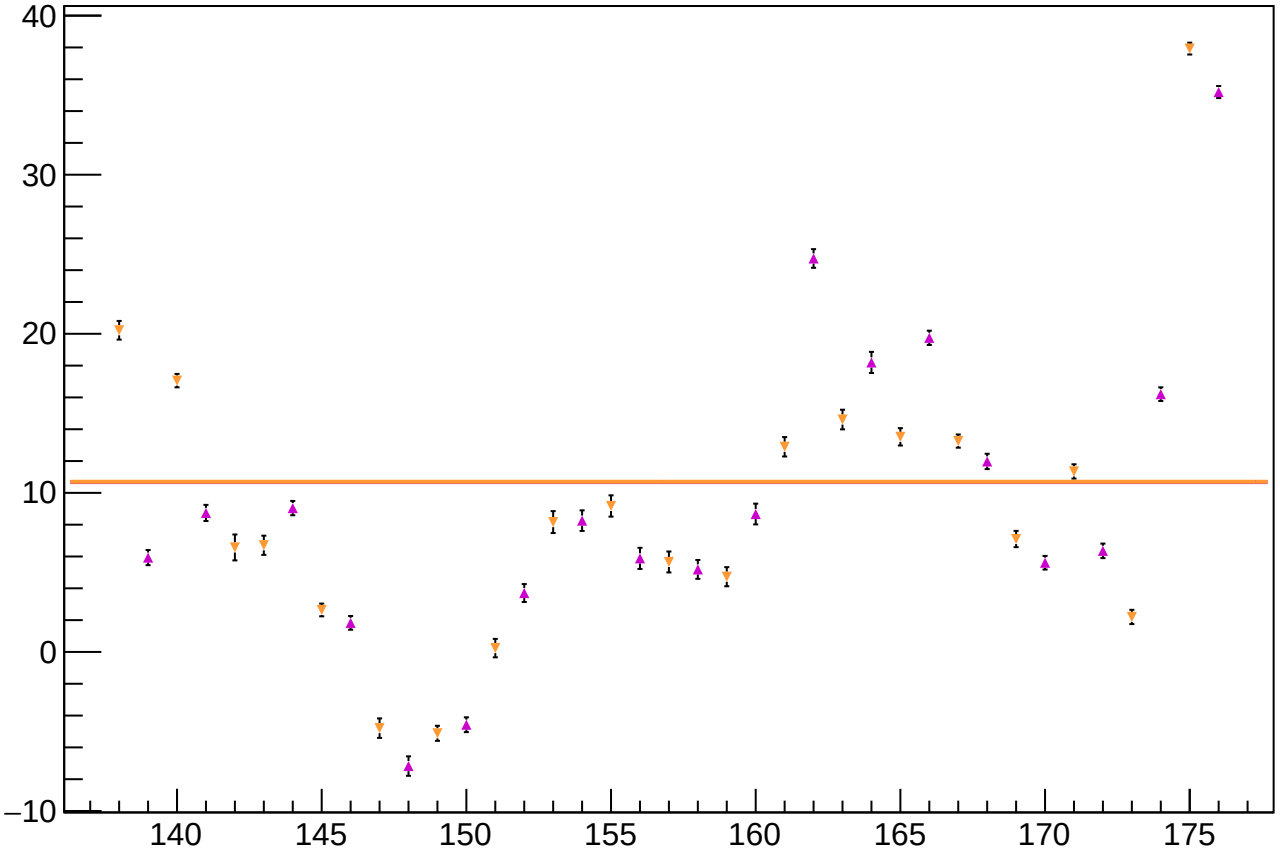
Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.199+/-0.008 χ^2/NDF:839.8/35

Out: 0.187+/-0.008 χ^2/NDF:1299.4/38

All: 0.193+/-0.006 χ^2/NDF: 2140.5/74

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 10.698+/-0.116 χ^2/NDF:9086.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 10.678+/-0.115 χ^2/NDF:8484.3/18

Left: 10.688+/-0.082 χ^2/NDF: 17571.0/38

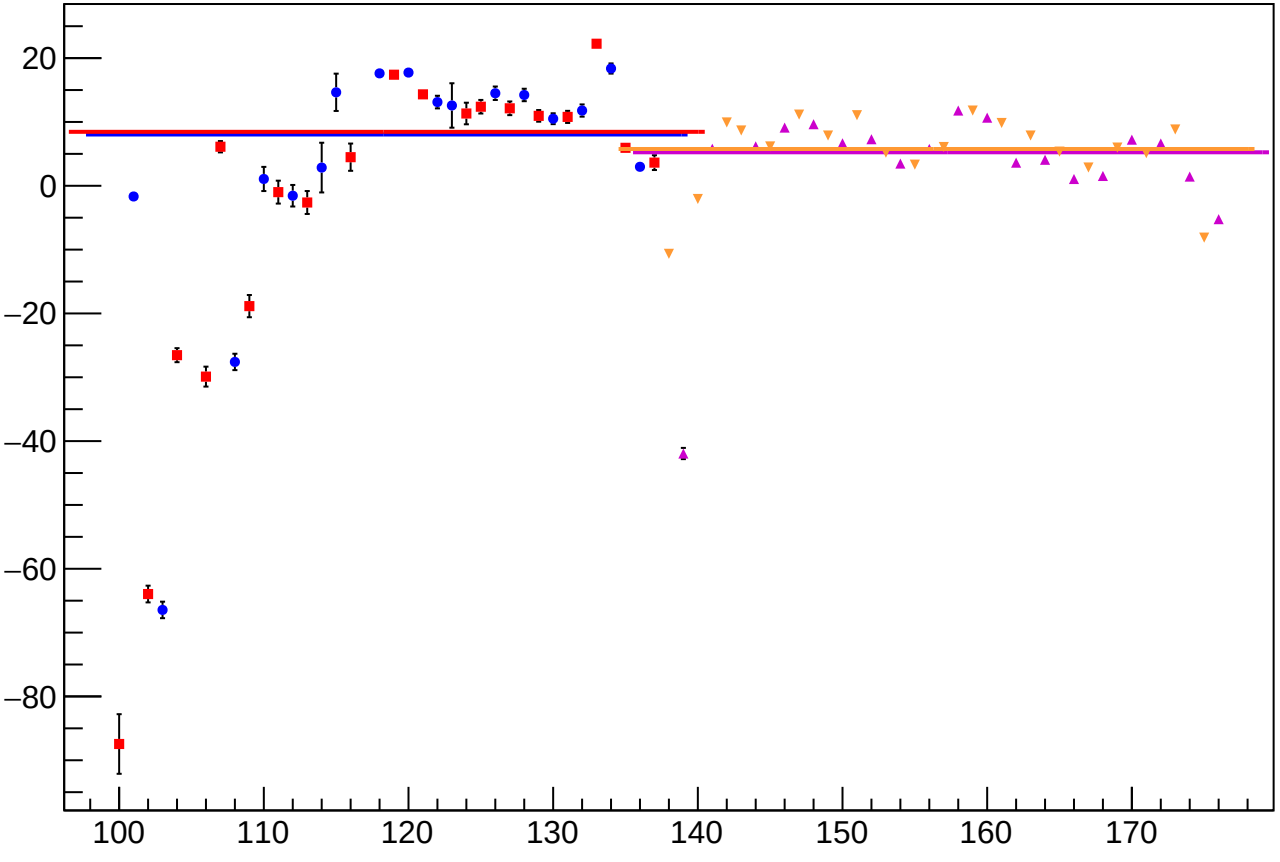
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.678+/-0.115 χ^2/NDF:8484.3/18

Out: 10.698+/-0.116 χ^2/NDF:9086.7/19

All: 10.688+/-0.082 χ^2/NDF: 17571.0/38

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036+/-0.215 χ^2/NDF: 5369.4/16

Left Out: 5.764+/-0.086 χ^2/NDF:4001.1/19

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 5.247+/-0.087 χ^2/NDF:5006.1/18

Left: 5.508+/-0.061 χ^2/NDF: 9025.0/38

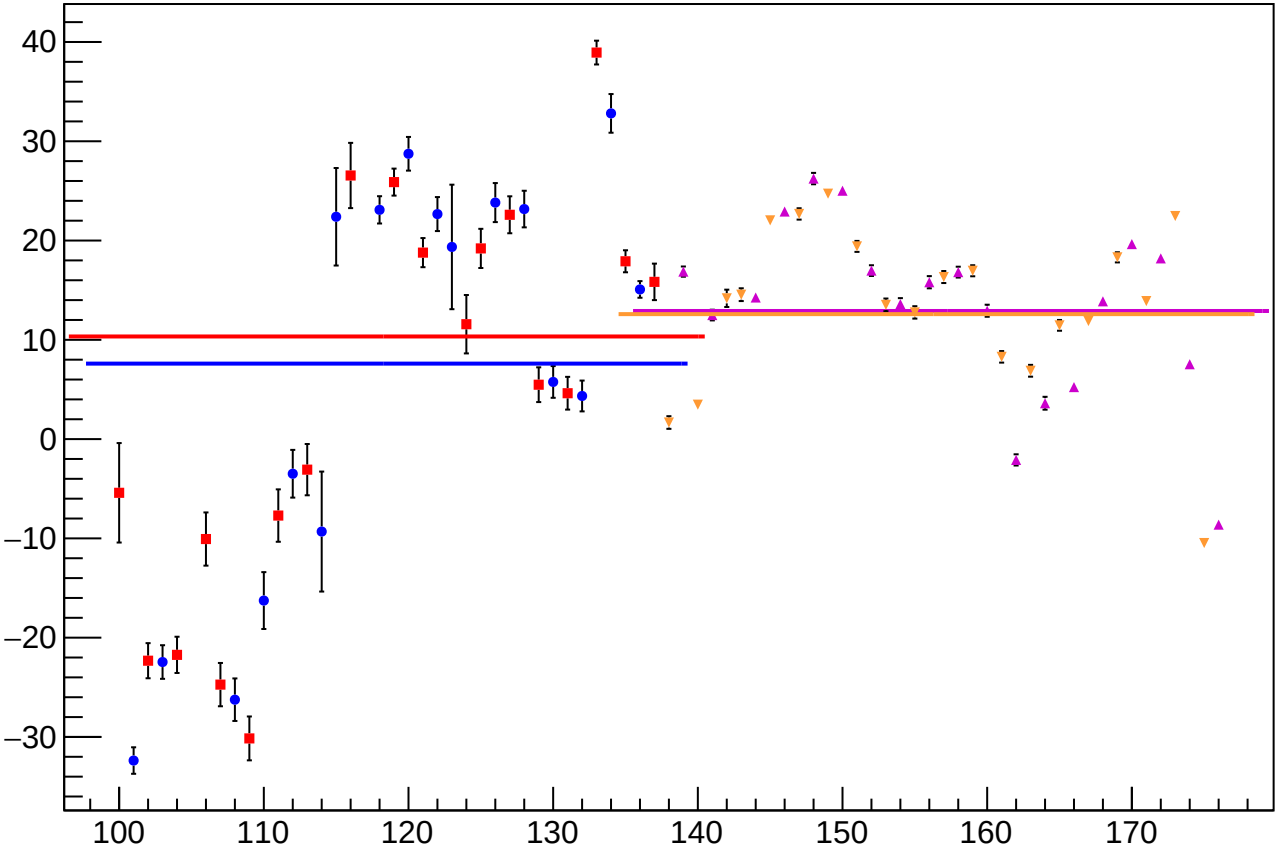
Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 5.639+/-0.081 χ^2/NDF:10520.0/35

Out: 6.142+/-0.080 χ^2/NDF:10842.2/38

All: 5.892+/-0.057 χ^2/NDF: 21381.7/74

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.604+/-0.416 χ^2/NDF: 2325.0/16

Left Out: 12.589+/-0.116 χ^2/NDF:7096.2/19

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 12.905+/-0.114 χ^2/NDF:7093.4/18

Left: 12.749+/-0.081 χ^2/NDF: 14193.3/38

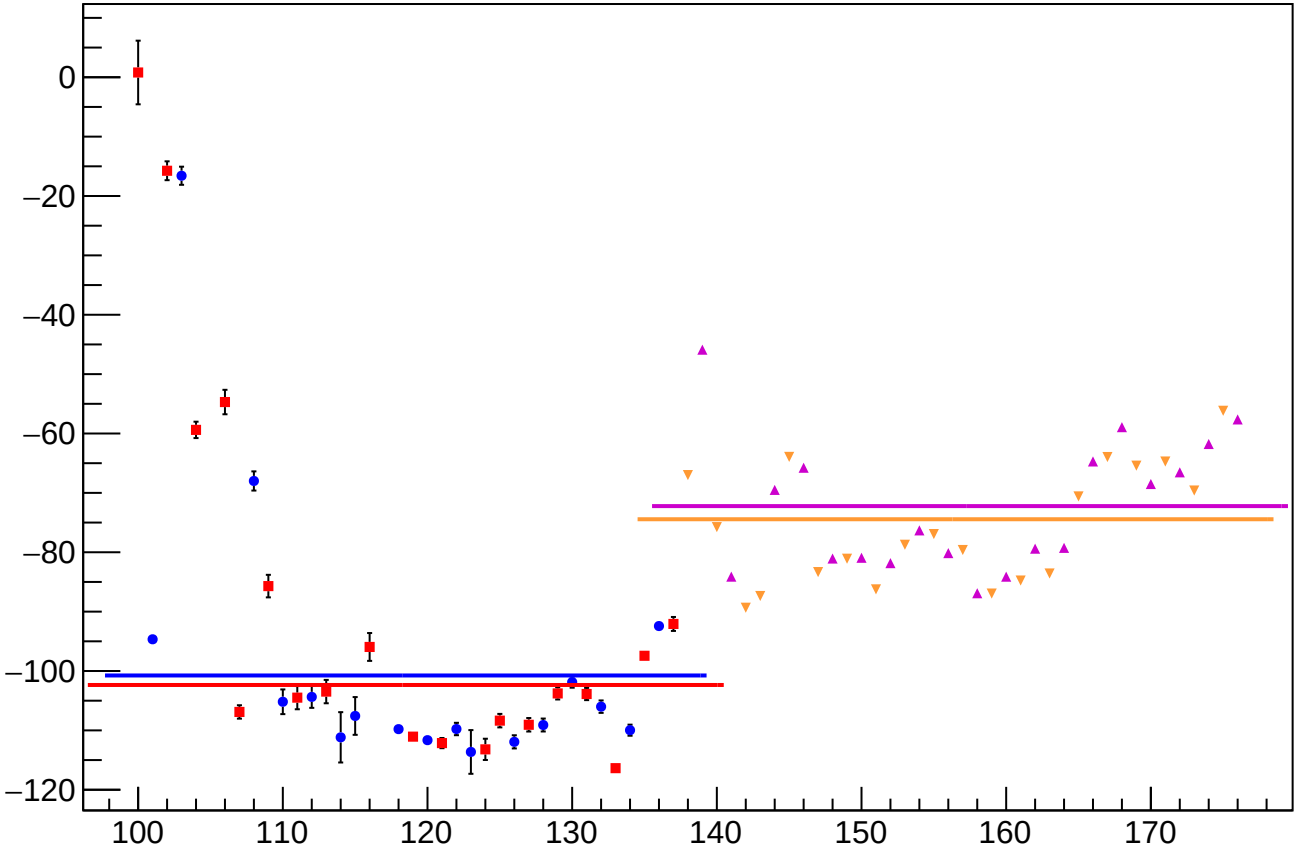
Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 12.533+/-0.110 χ^2/NDF:9569.5/35

Out: 12.426+/-0.112 χ^2/NDF:9405.1/38

All: 12.481+/-0.078 χ^2/NDF: 18975.1/74

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.753+/-0.248 χ^2/NDF: 4522.6/16

Left Out: -74.441+/-0.099 χ^2/NDF:9979.7/19

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -72.227+/-0.099 χ^2/NDF:9522.4/18

Left: -73.338+/-0.070 χ^2/NDF: 19752.2/38

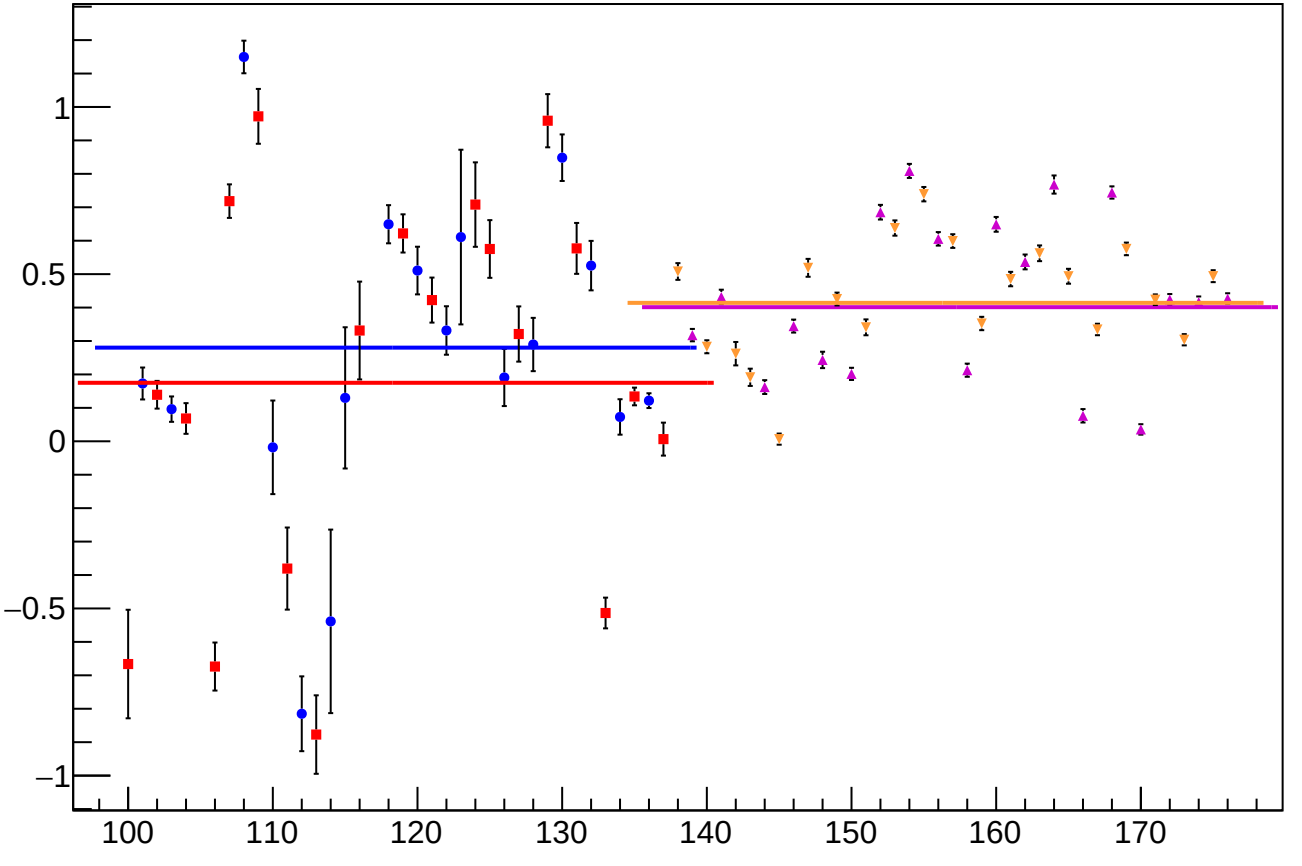
Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -76.161+/-0.092 χ^2/NDF:25449.9/35

Out: -78.312+/-0.092 χ^2/NDF:27127.9/38

All: -77.241+/-0.065 χ^2/NDF: 52851.5/74

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280+/-0.013 χ^2/NDF: 656.0/16

Left Out: 0.414+/-0.005 χ^2/NDF:1412.0/19

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.401+/-0.004 χ^2/NDF:2567.7/18

Left: 0.407+/-0.003 χ^2/NDF: 3983.8/38

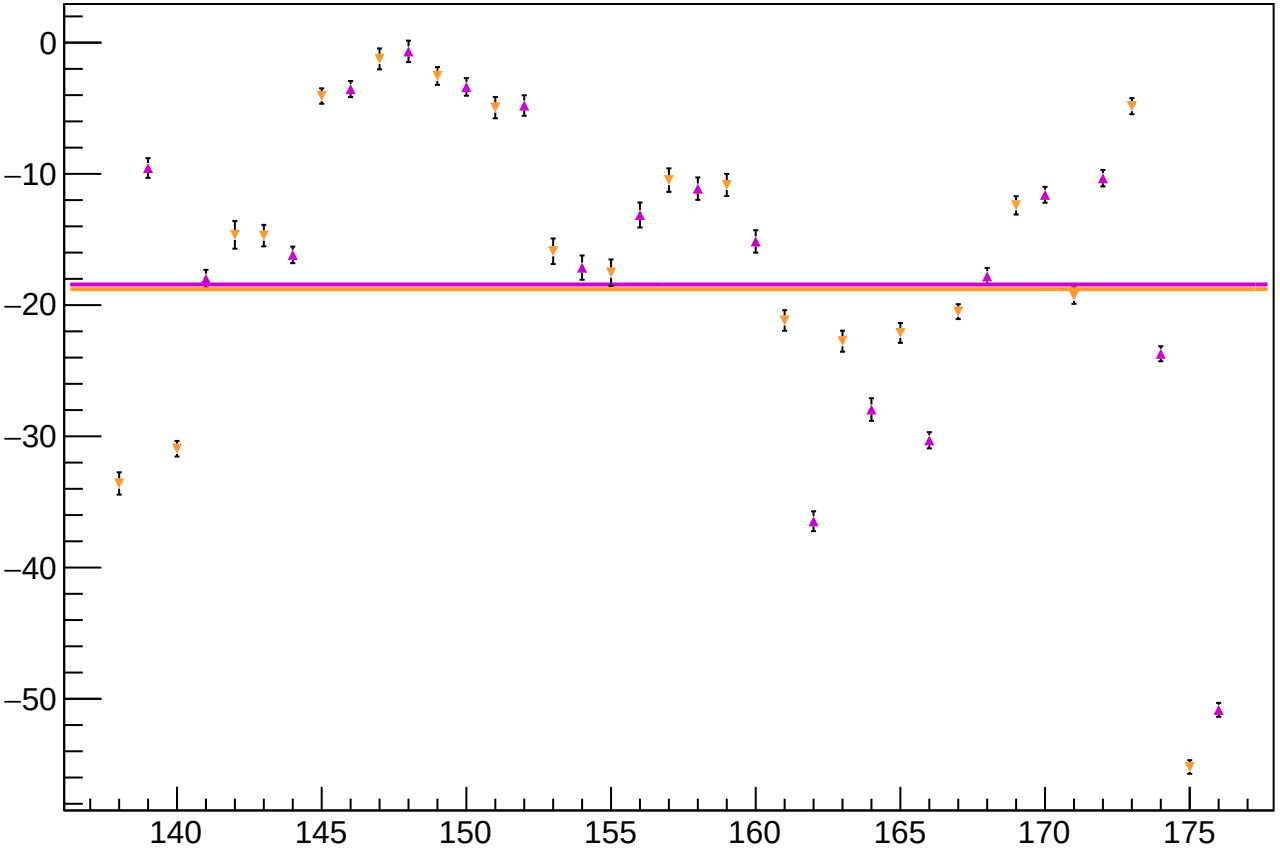
Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.389+/-0.004 χ^2/NDF:3296.4/35

Out: 0.389+/-0.004 χ^2/NDF:2662.2/38

All: 0.389+/-0.003 χ^2/NDF: 5958.6/74

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: -18.787+/-0.161 χ^2/NDF:8529.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -18.429+/-0.159 χ^2/NDF:7307.7/18

Left: -18.606+/-0.113 χ^2/NDF: 15839.4/38

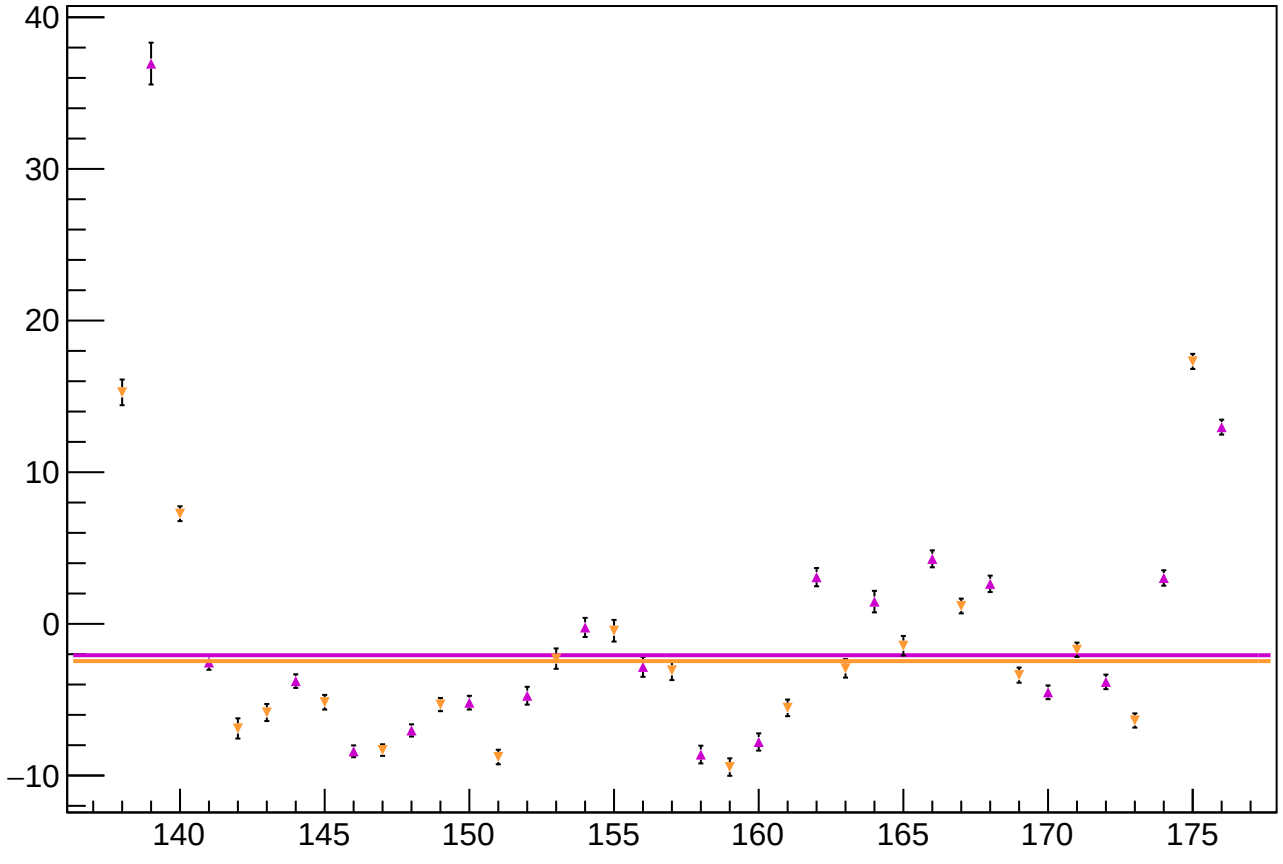
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.429+/-0.159 χ^2/NDF:7307.7/18

Out: -18.787+/-0.161 χ^2/NDF:8529.2/19

All: -18.606+/-0.113 χ^2/NDF: 15839.4/38

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -2.456+/-0.119 χ^2/NDF:3293.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -2.069+/-0.120 χ^2/NDF:2908.3/18

Left: -2.264+/-0.084 χ^2/NDF: 6207.3/38

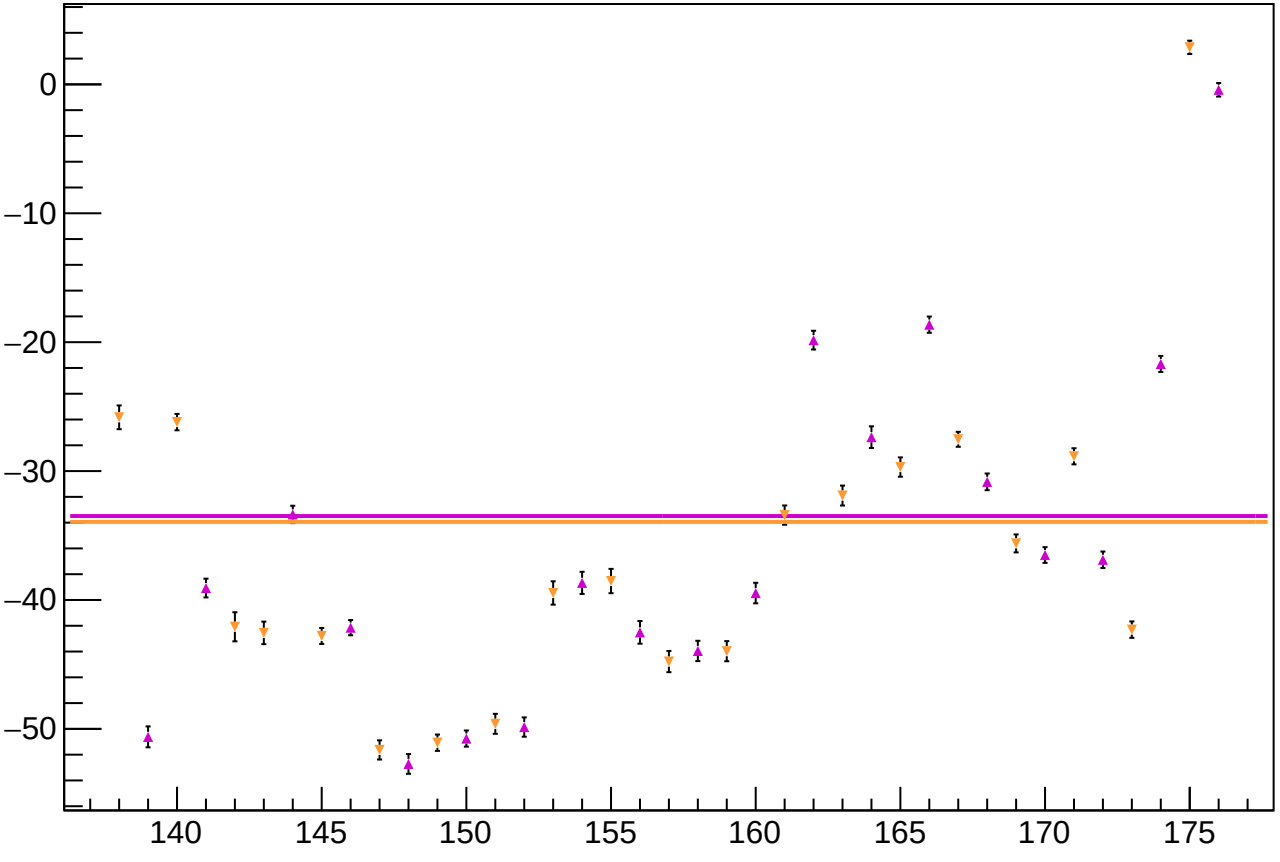
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.069+/-0.120 χ^2/NDF:2908.3/18

Out: -2.456+/-0.119 χ^2/NDF:3293.7/19

All: -2.264+/-0.084 χ^2/NDF: 6207.3/38

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -33.940+/-0.161 χ^2/NDF:8133.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -33.489+/-0.158 χ^2/NDF:8308.5/18

Left: -33.711+/-0.113 χ^2/NDF: 16445.9/38

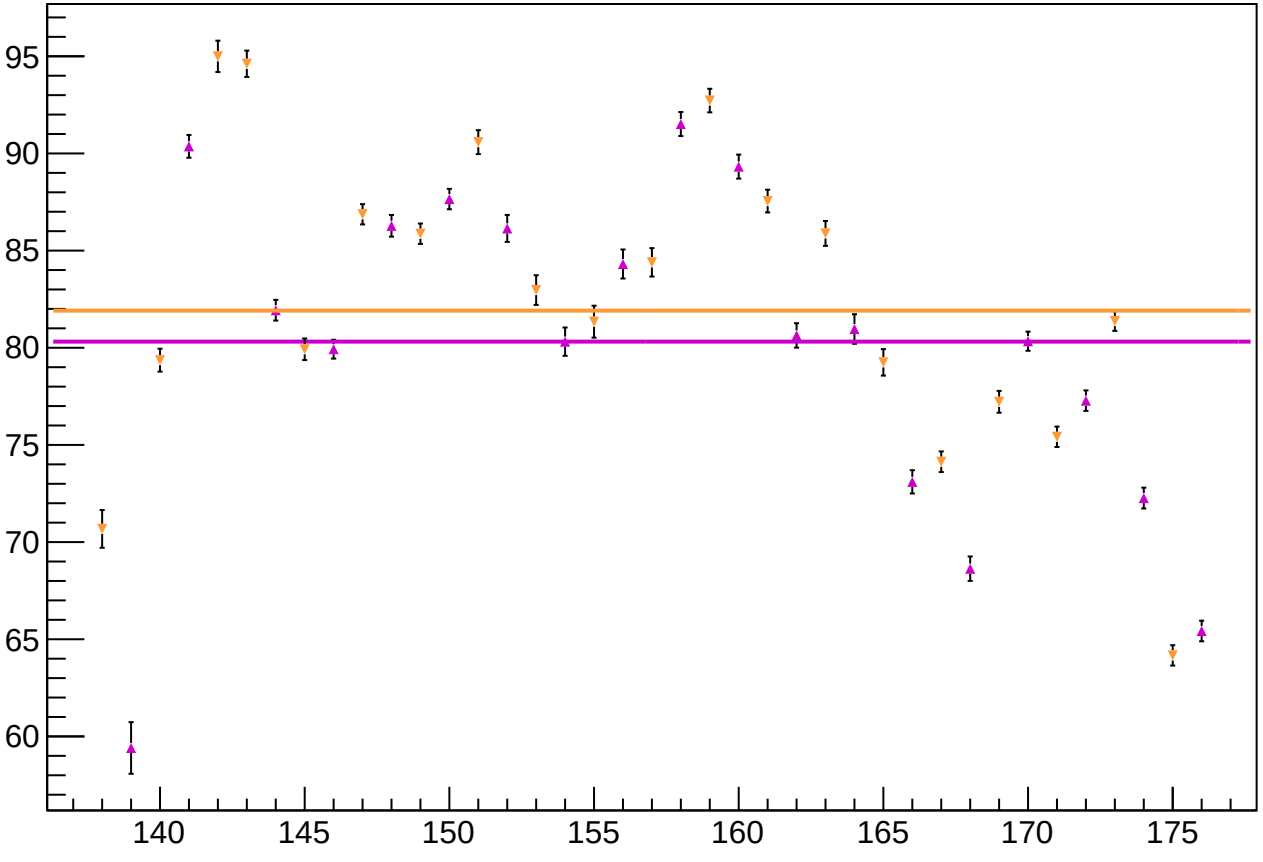
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -33.489+/-0.158 χ^2/NDF:8308.5/18

Out: -33.940+/-0.161 χ^2/NDF:8133.4/19

All: -33.711+/-0.113 χ^2/NDF: 16445.9/38

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 81.912+/-0.136 χ^2/NDF:3187.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 80.317+/-0.137 χ^2/NDF:3038.8/18

Left: 81.118+/-0.096 χ^2/NDF: 6294.8/38

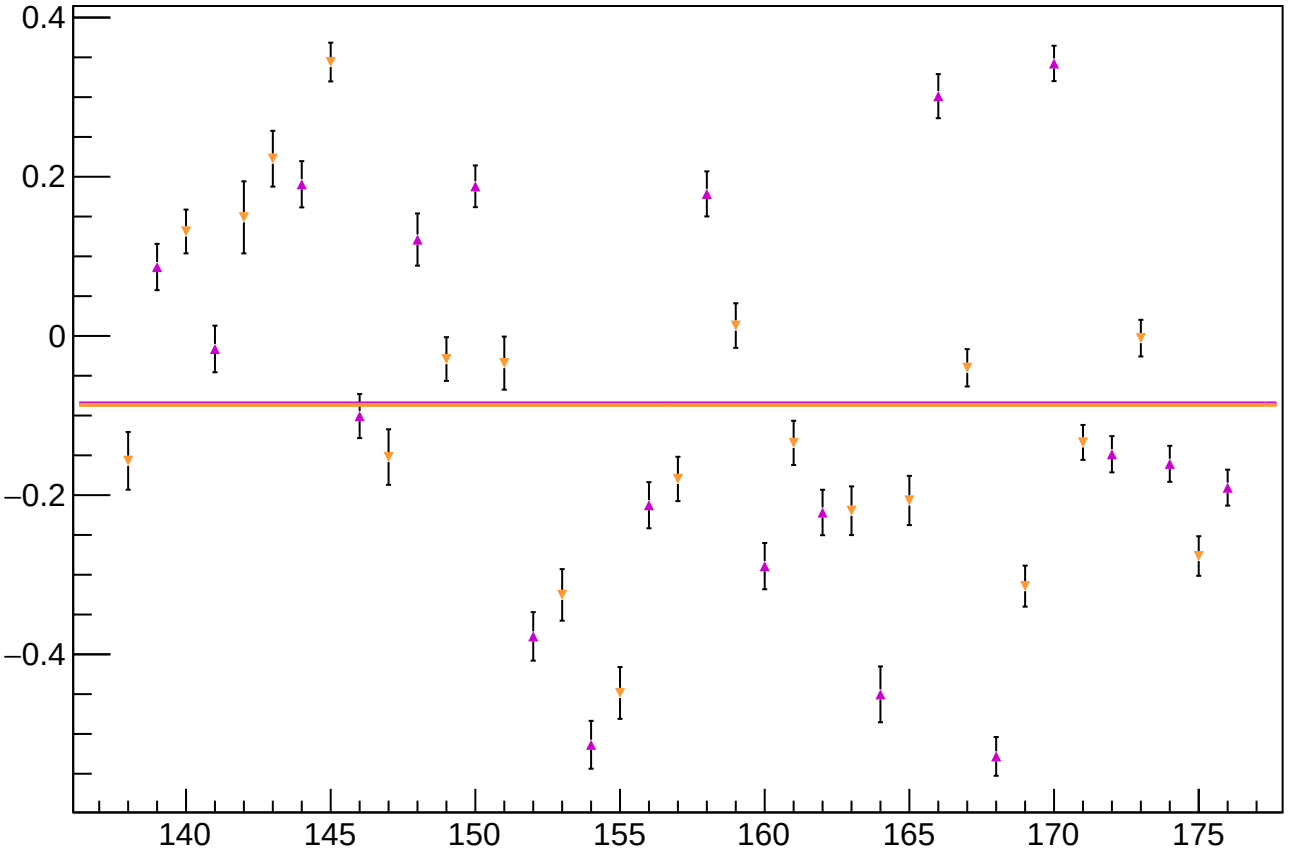
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 80.317+/-0.137 χ^2/NDF:3038.8/18

Out: 81.912+/-0.136 χ^2/NDF:3187.8/19

All: 81.118+/-0.096 χ^2/NDF: 6294.8/38

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.087+/-0.006 χ^2/NDF:892.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.085+/-0.006 χ^2/NDF:1796.4/18

Left: -0.086+/-0.004 χ^2/NDF: 2688.5/38

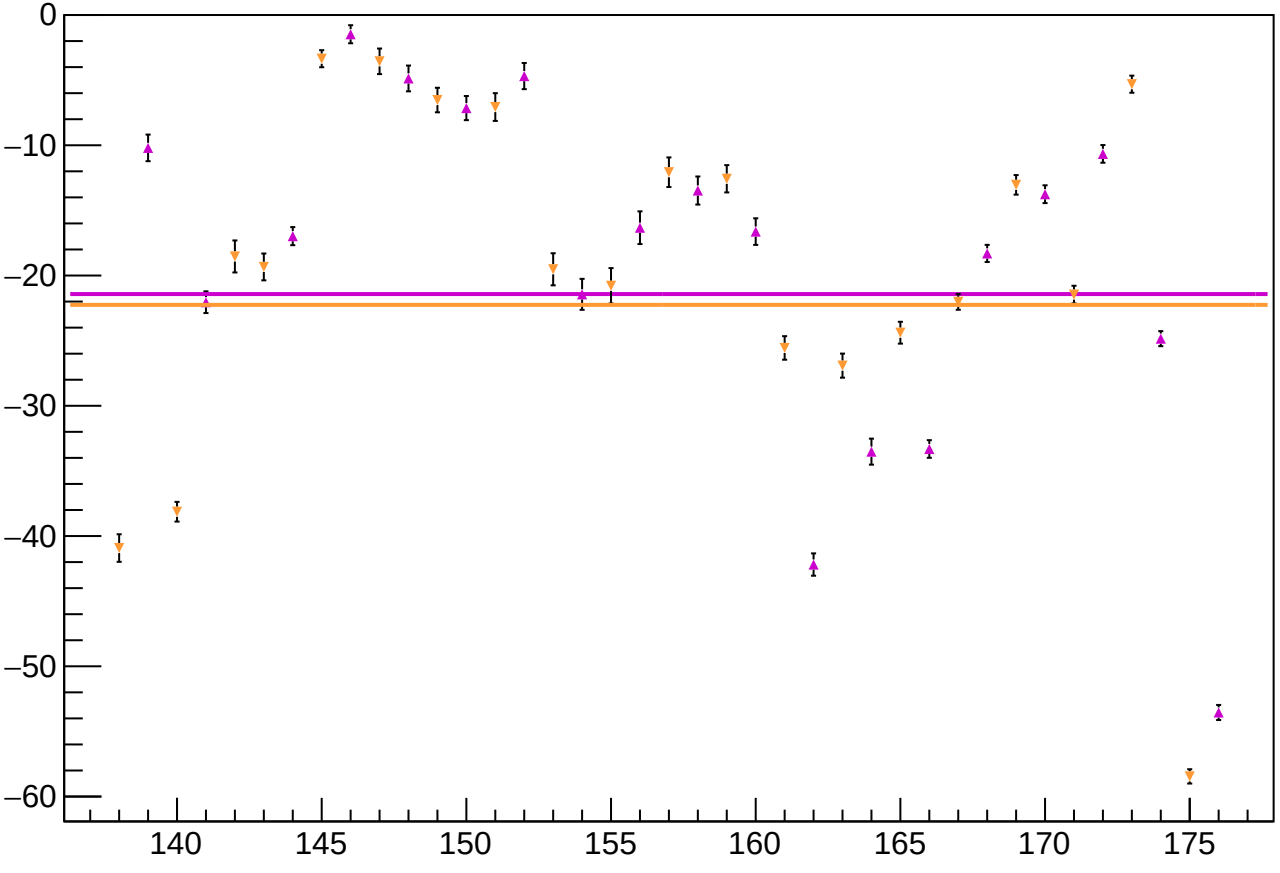
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.085+/-0.006 χ^2/NDF:1796.4/18

Out: -0.087+/-0.006 χ^2/NDF:892.0/19

All: -0.086+/-0.004 χ^2/NDF: 2688.5/38

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -22.252+/-0.187 χ^2/NDF:7827.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -21.423+/-0.182 χ^2/NDF:6439.4/18

Left: -21.828+/-0.131 χ^2/NDF: 14277.4/38

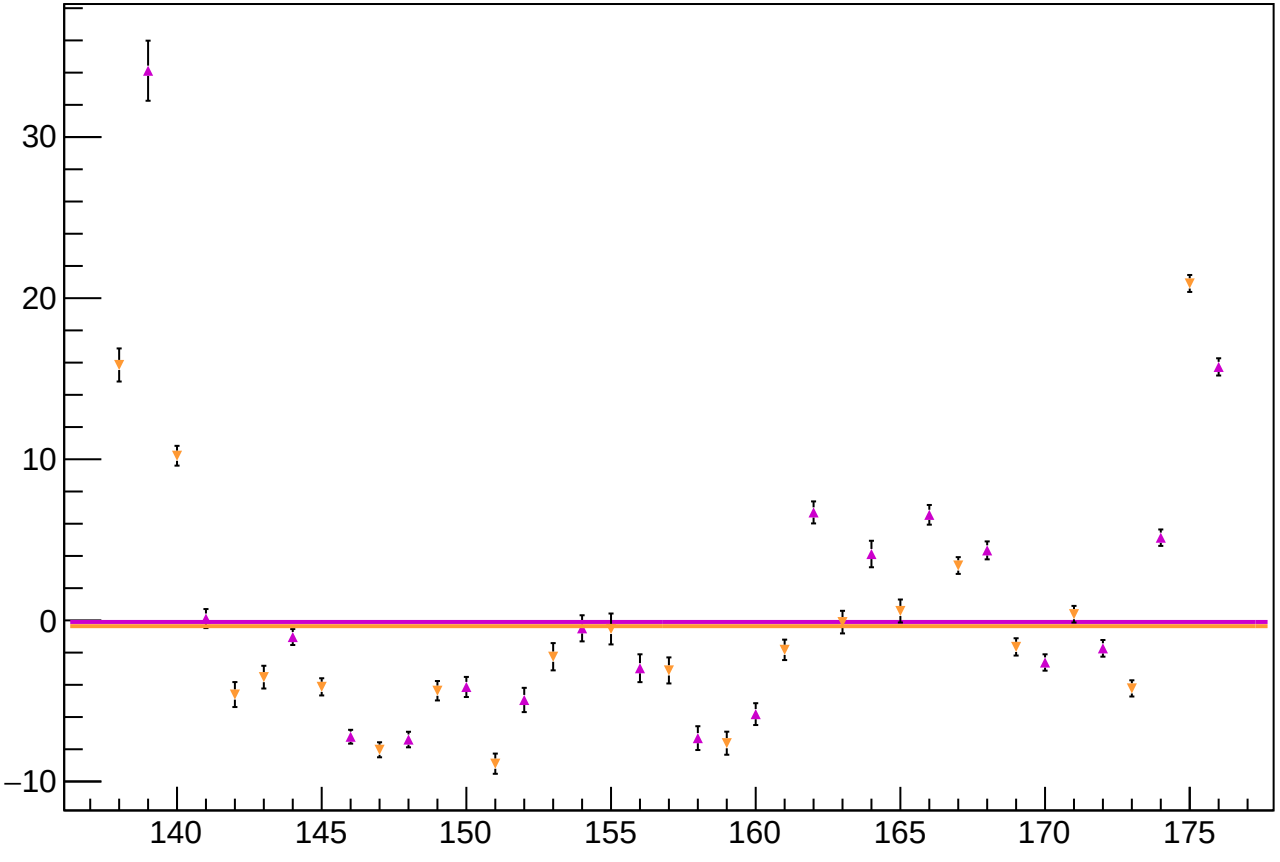
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.423+/-0.182 χ^2/NDF:6439.4/18

Out: -22.252+/-0.187 χ^2/NDF:7827.9/19

All: -21.828+/-0.131 χ^2/NDF: 14277.4/38

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: -0.360+/-0.139 χ^2/NDF:3022.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.097+/-0.138 χ^2/NDF:2428.4/18

Left: -0.227+/-0.098 χ^2/NDF: 5453.1/38

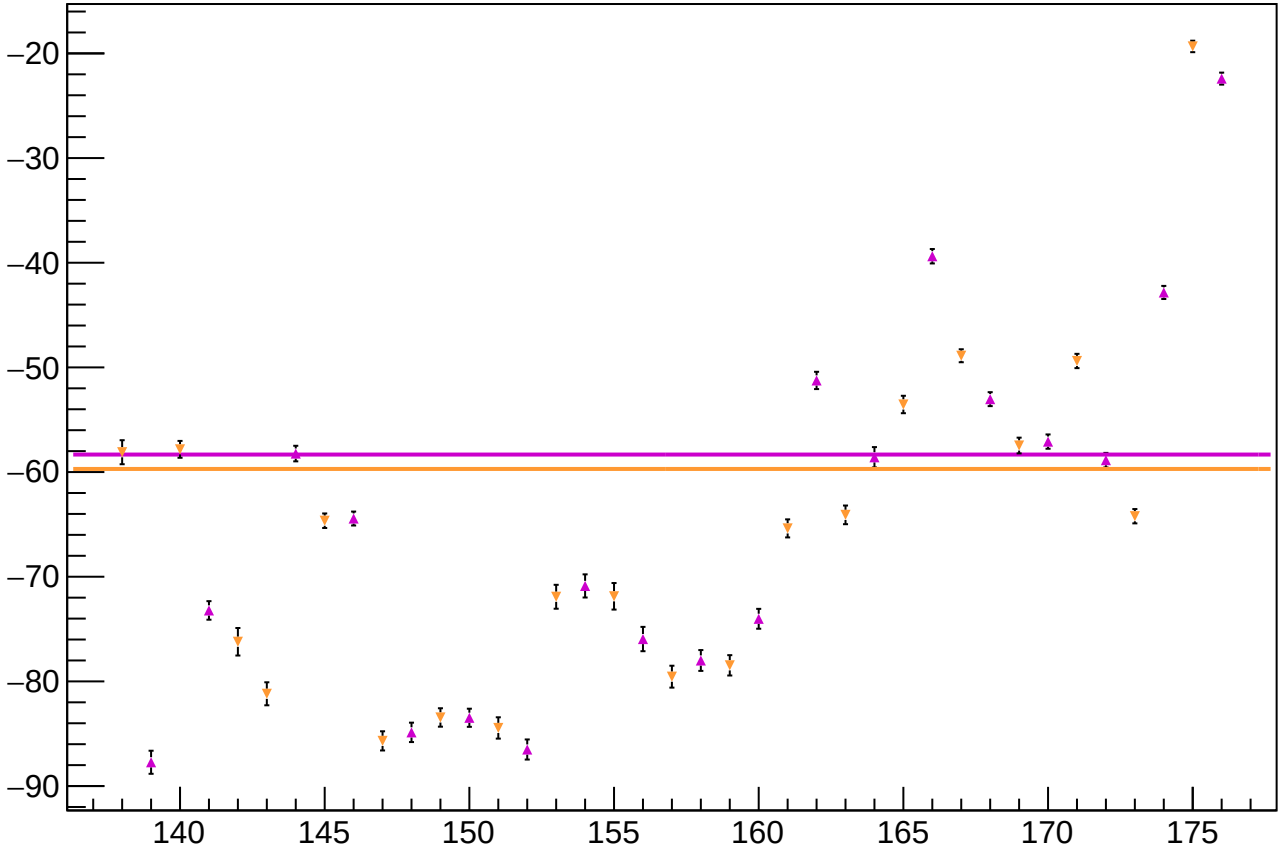
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.097+/-0.138 χ^2/NDF:2428.4/18

Out: -0.360+/-0.139 χ^2/NDF:3022.9/19

All: -0.227+/-0.098 χ^2/NDF: 5453.1/38

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: -59.703+/-0.187 χ^2/NDF:9751.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -58.327+/-0.182 χ^2/NDF:10061.5/18

Left: -58.997+/-0.131 χ^2/NDF: 19840.5/38

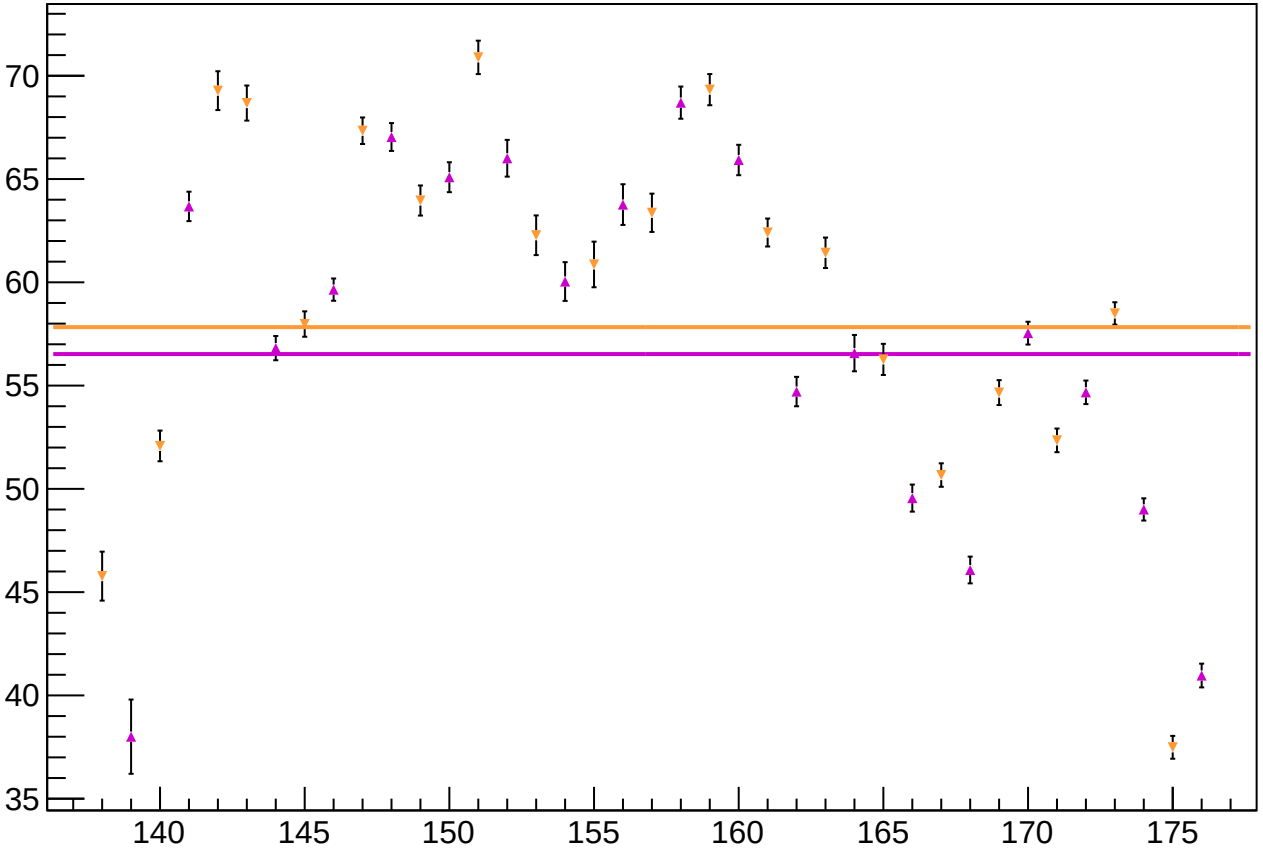
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -58.327+/-0.182 χ^2/NDF:10061.5/18

Out: -59.703+/-0.187 χ^2/NDF:9751.3/19

All: -58.997+/-0.131 χ^2/NDF: 19840.5/38

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 57.830+/-0.159 χ^2/NDF:3027.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 56.526+/-0.157 χ^2/NDF:2534.9/18

Left: 57.172+/-0.112 χ^2/NDF: 5596.2/38

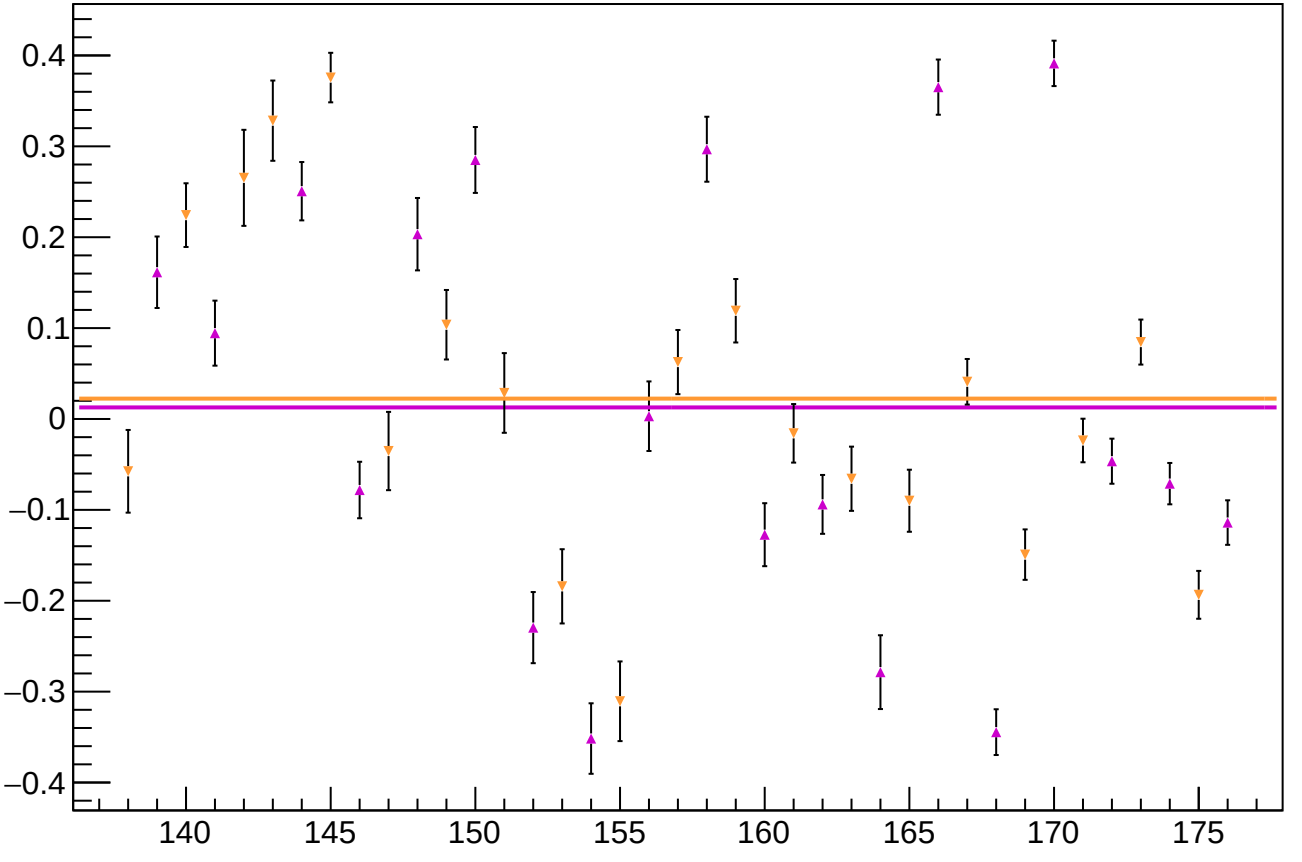
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 56.526+/-0.157 χ^2/NDF:2534.9/18

Out: 57.830+/-0.159 χ^2/NDF:3027.3/19

All: 57.172+/-0.112 χ^2/NDF: 5596.2/38

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.022+/-0.007 χ^2/NDF:506.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.013+/-0.007 χ^2/NDF:1042.4/18

Left: 0.017+/-0.005 χ^2/NDF: 1549.8/38

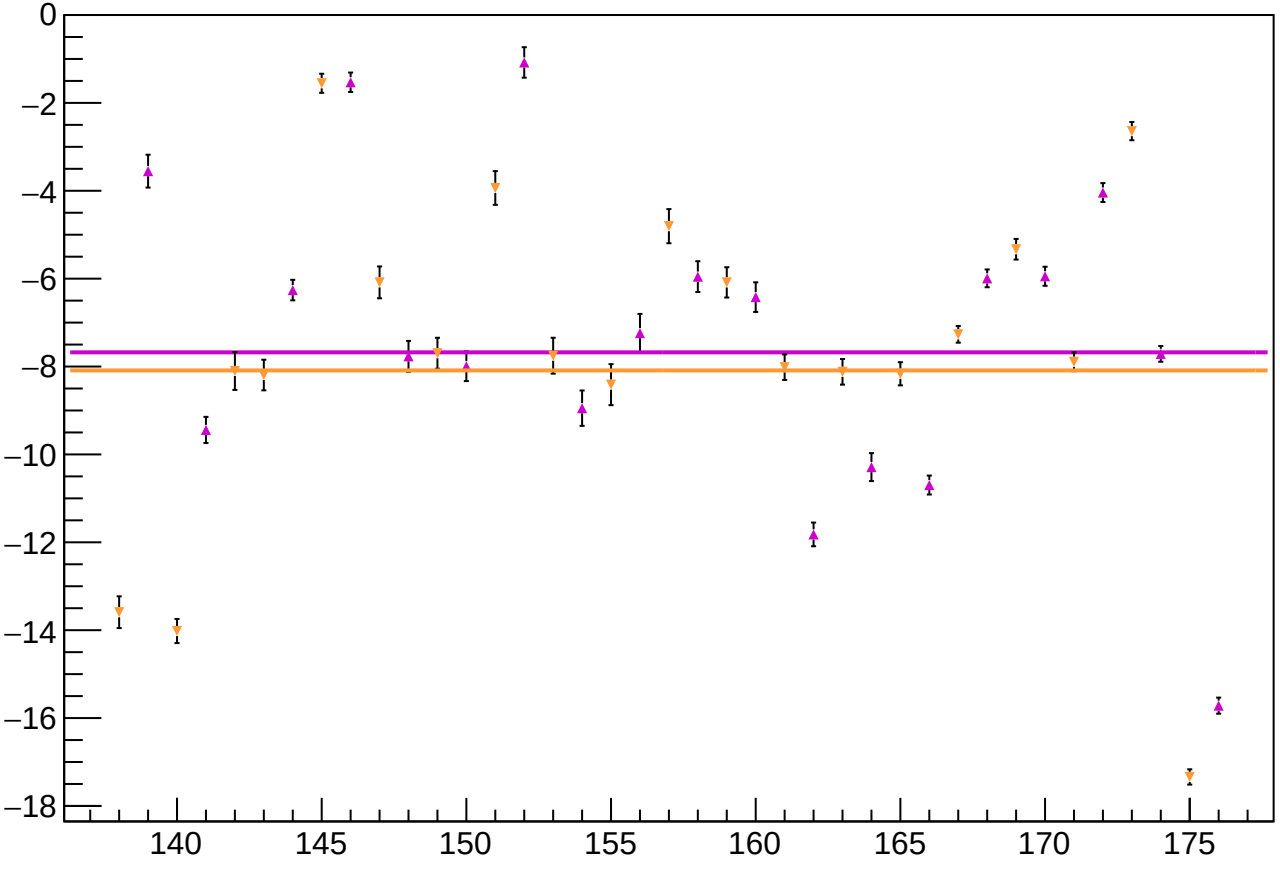
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.013+/-0.007 χ^2/NDF:1042.4/18

Out: 0.022+/-0.007 χ^2/NDF:506.5/19

All: 0.017+/-0.005 χ^2/NDF: 1549.8/38

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: -8.088+/-0.061 χ^2/NDF:5533.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -7.677+/-0.059 χ^2/NDF:4229.6/18

Left: -7.876+/-0.043 χ^2/NDF: 9786.6/38

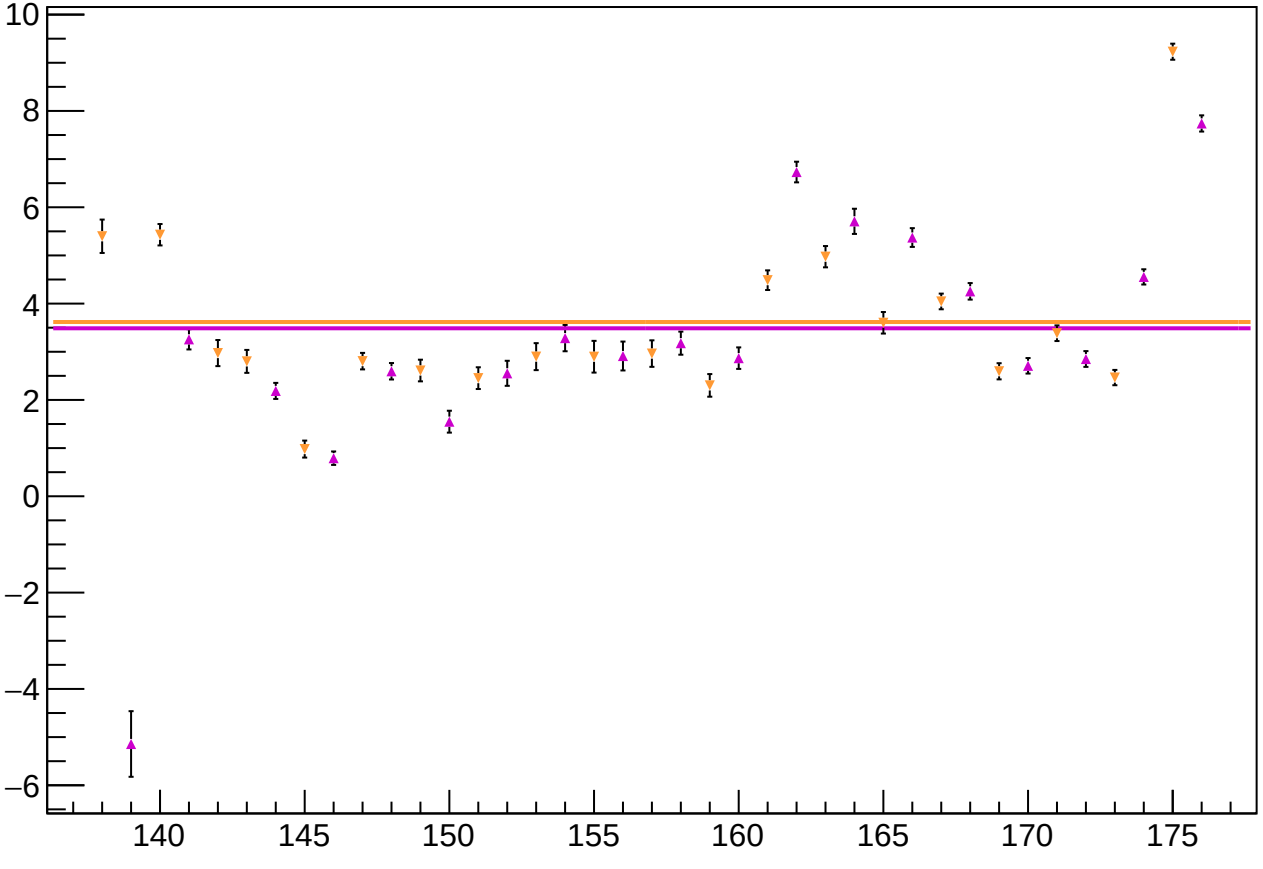
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.677+/-0.059 χ^2/NDF:4229.6/18

Out: -8.088+/-0.061 χ^2/NDF:5533.8/19

All: -7.876+/-0.043 χ^2/NDF: 9786.6/38

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 3.618+/-0.046 χ^2/NDF:1738.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 3.487+/-0.045 χ^2/NDF:1859.1/18

Left: 3.551+/-0.032 χ^2/NDF: 3601.8/38

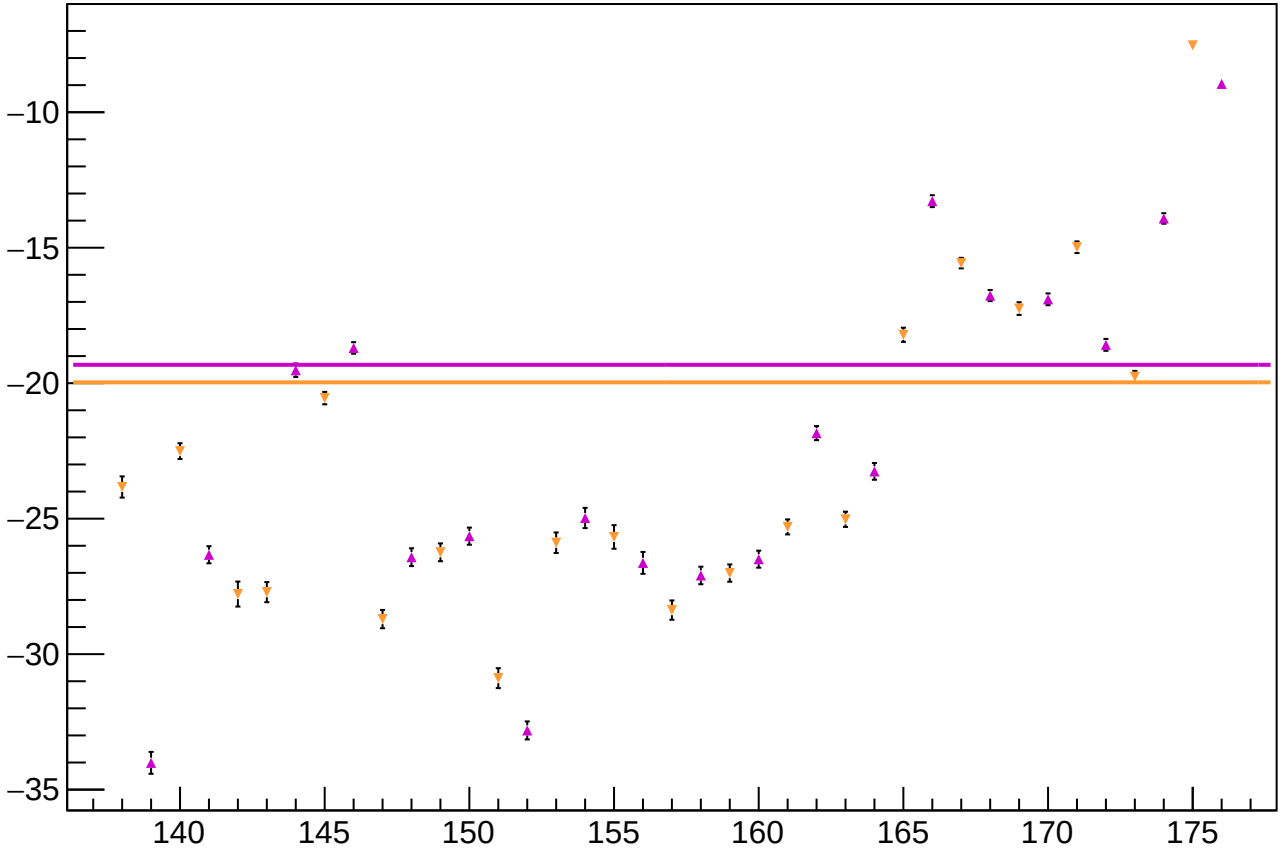
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.487+/-0.045 χ^2/NDF:1859.1/18

Out: 3.618+/-0.046 χ^2/NDF:1738.6/19

All: 3.551+/-0.032 χ^2/NDF: 3601.8/38

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -19.969+/-0.061 χ^2/NDF:11269.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -19.321+/-0.059 χ^2/NDF:11342.4/18

Left: -19.634+/-0.043 χ^2/NDF: 22669.0/38

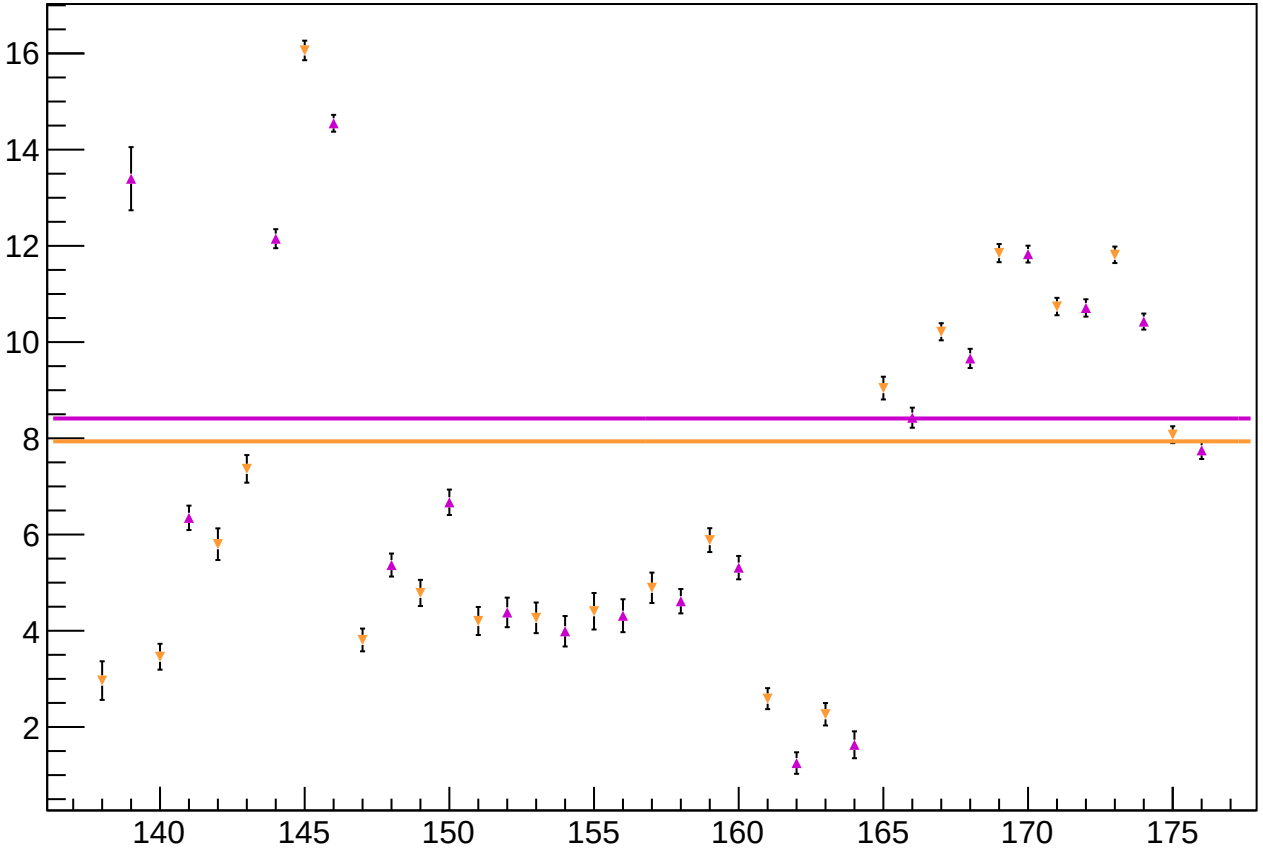
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.321+/-0.059 χ^2/NDF:11342.4/18

Out: -19.969+/-0.061 χ^2/NDF:11269.1/19

All: -19.634+/-0.043 χ^2/NDF: 22669.0/38

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 7.937+/-0.052 χ^2/NDF:5625.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 8.412+/-0.051 χ^2/NDF:5173.2/18

Left: 8.179+/-0.037 χ^2/NDF: 10840.4/38

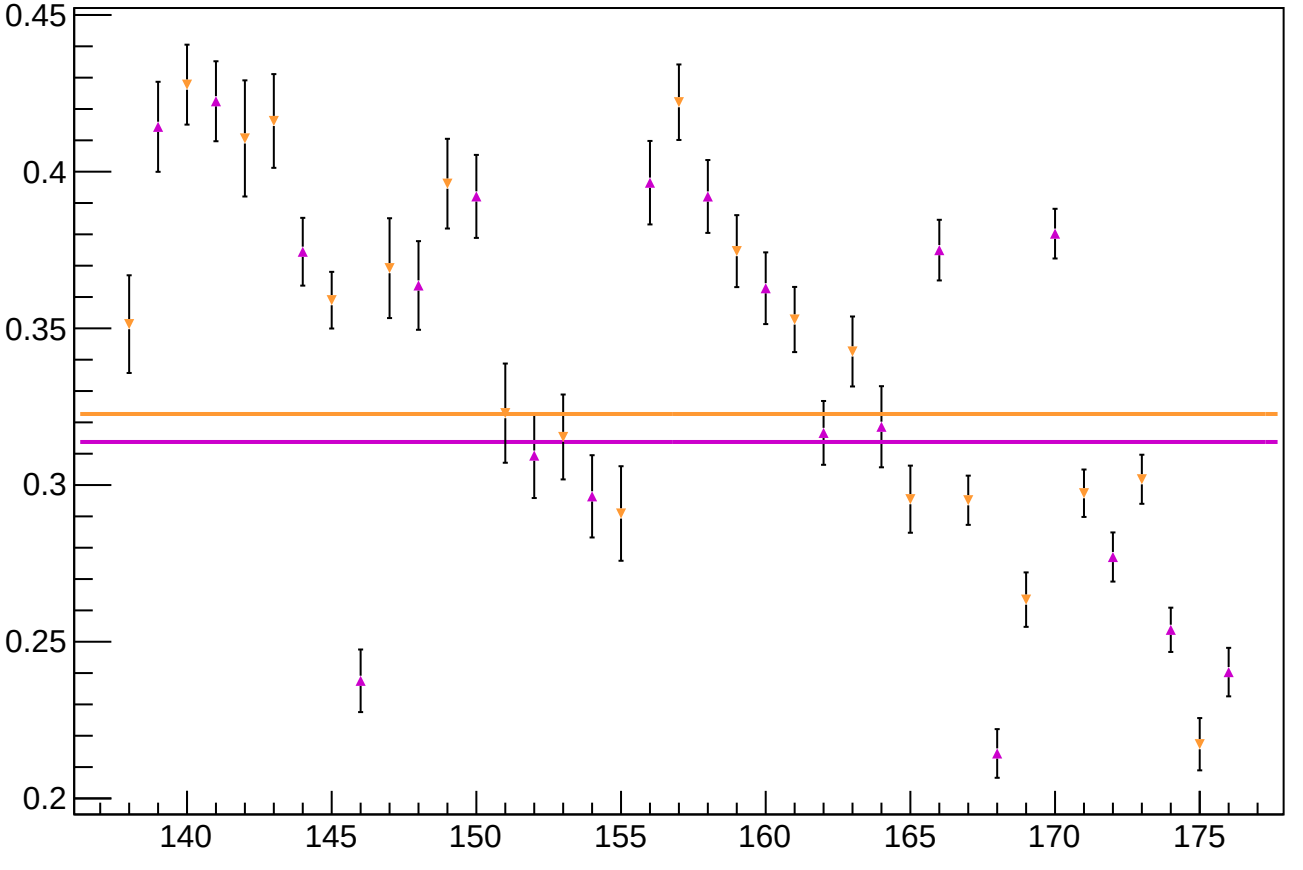
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.412+/-0.051 χ^2/NDF:5173.2/18

Out: 7.937+/-0.052 χ^2/NDF:5625.1/19

All: 8.179+/-0.037 χ^2/NDF: 10840.4/38

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.323+/-0.002 χ^2/NDF:531.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.314+/-0.002 χ^2/NDF:821.2/18

Left: 0.318+/-0.002 χ^2/NDF: 1360.2/38

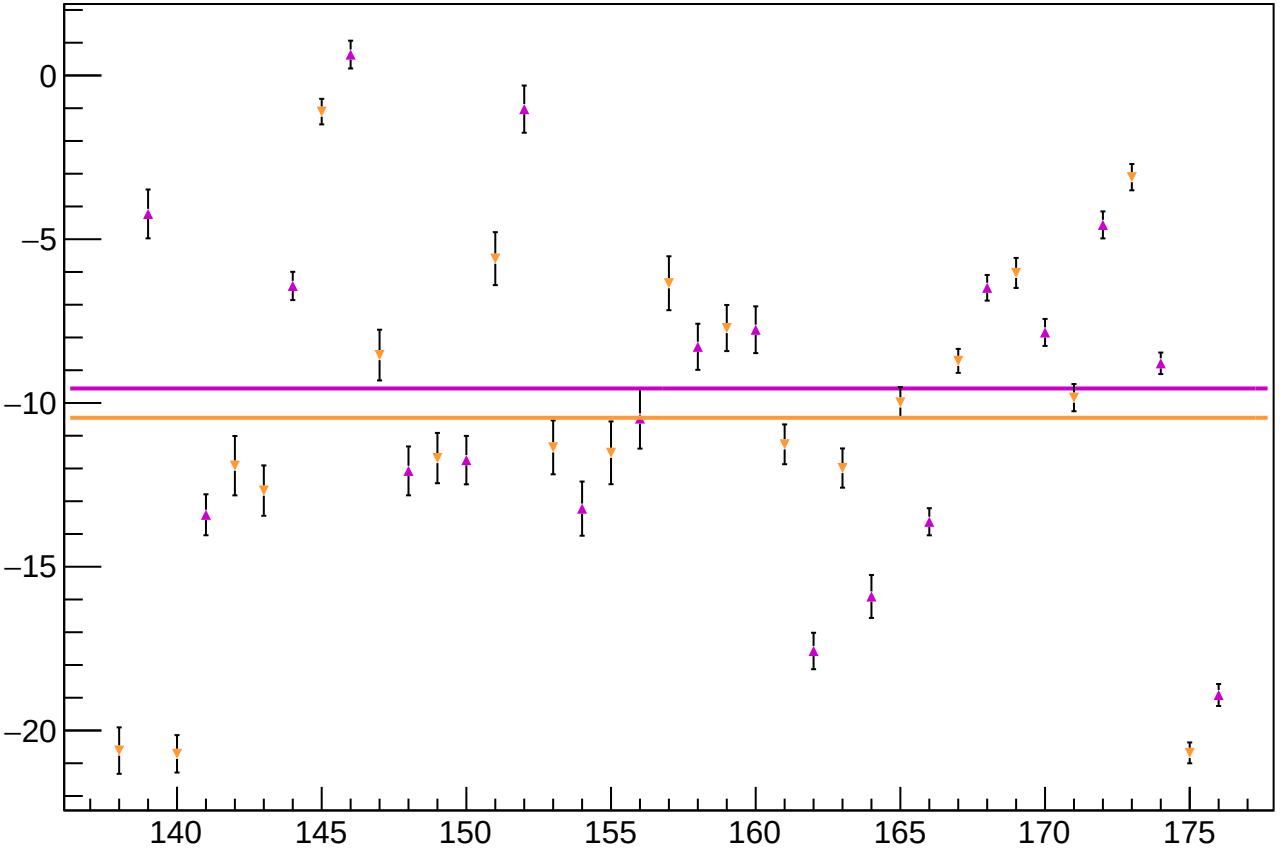
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.314+/-0.002 χ^2/NDF:821.2/18

Out: 0.323+/-0.002 χ^2/NDF:531.9/19

All: 0.318+/-0.002 χ^2/NDF: 1360.2/38

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -10.452+/-0.120 χ^2/NDF:2693.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -9.557+/-0.115 χ^2/NDF:2315.3/18

Left: -9.987+/-0.083 χ^2/NDF: 5037.7/38

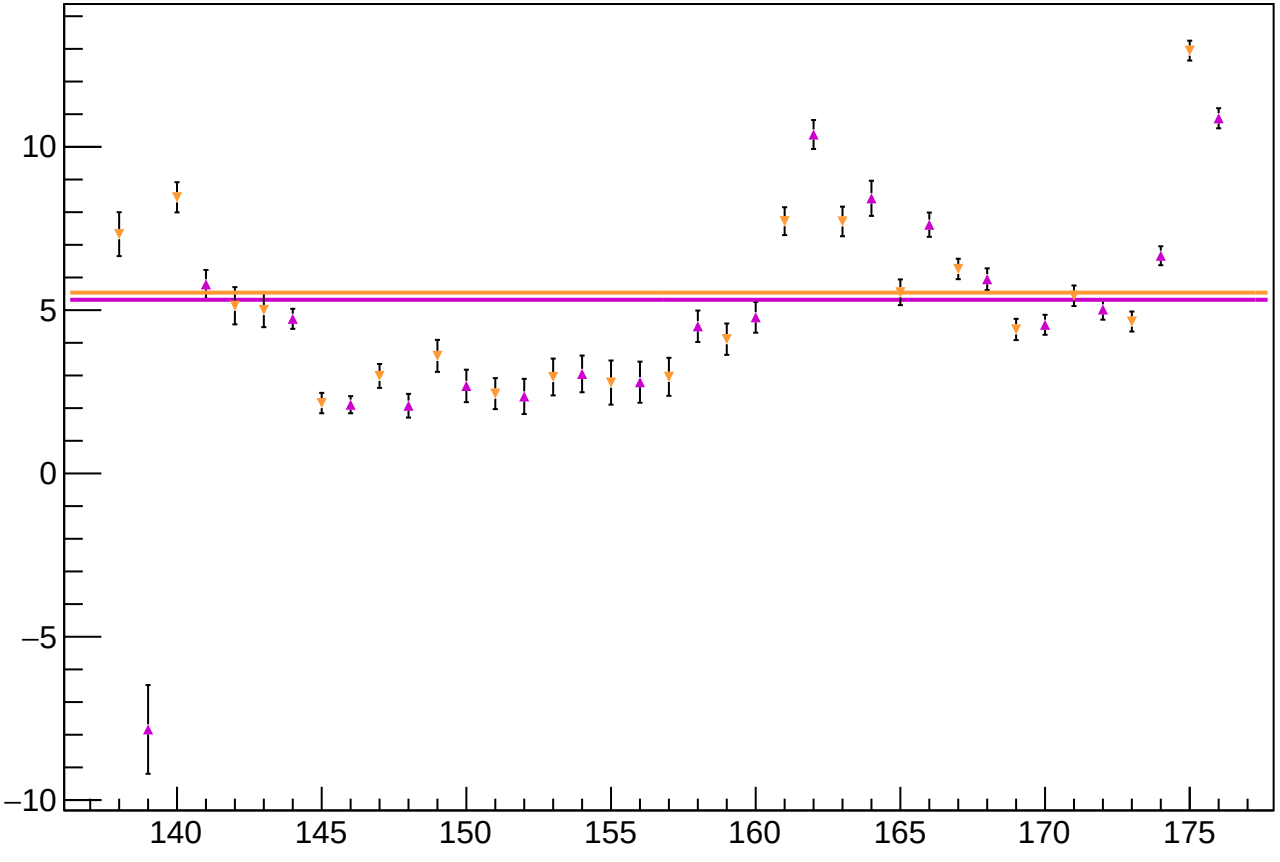
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.557+/-0.115 χ^2/NDF:2315.3/18

Out: -10.452+/-0.120 χ^2/NDF:2693.4/19

All: -9.987+/-0.083 χ^2/NDF: 5037.7/38

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 5.537+/-0.091 χ^2/NDF:1005.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 5.318+/-0.088 χ^2/NDF:985.4/18

Left: 5.424+/-0.063 χ^2/NDF: 1994.1/38

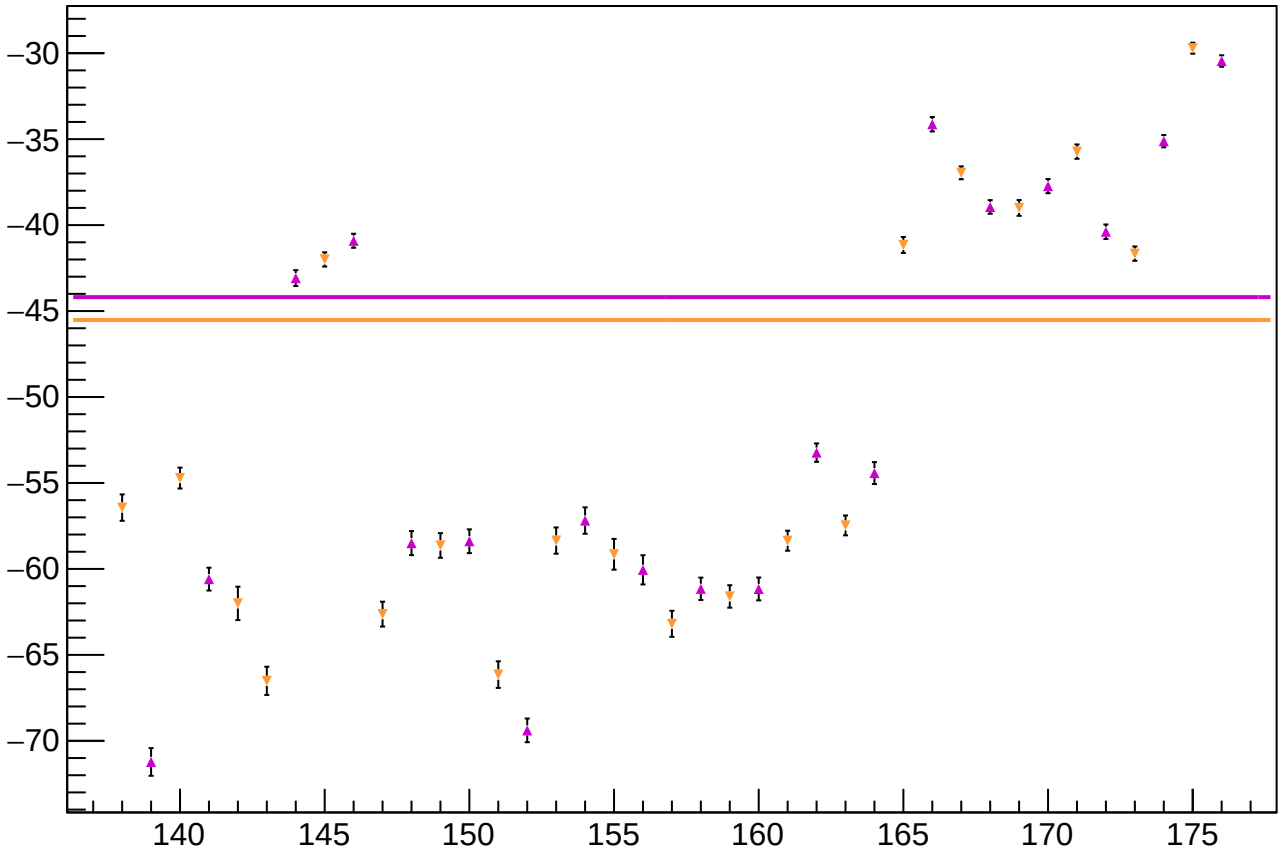
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.318+/-0.088 χ^2/NDF:985.4/18

Out: 5.537+/-0.091 χ^2/NDF:1005.7/19

All: 5.424+/-0.063 χ^2/NDF: 1994.1/38

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: -45.521+/-0.120 χ^2/NDF:9523.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -44.190+/-0.116 χ^2/NDF:9915.2/18

Left: -44.829+/-0.083 χ^2/NDF: 19502.3/38

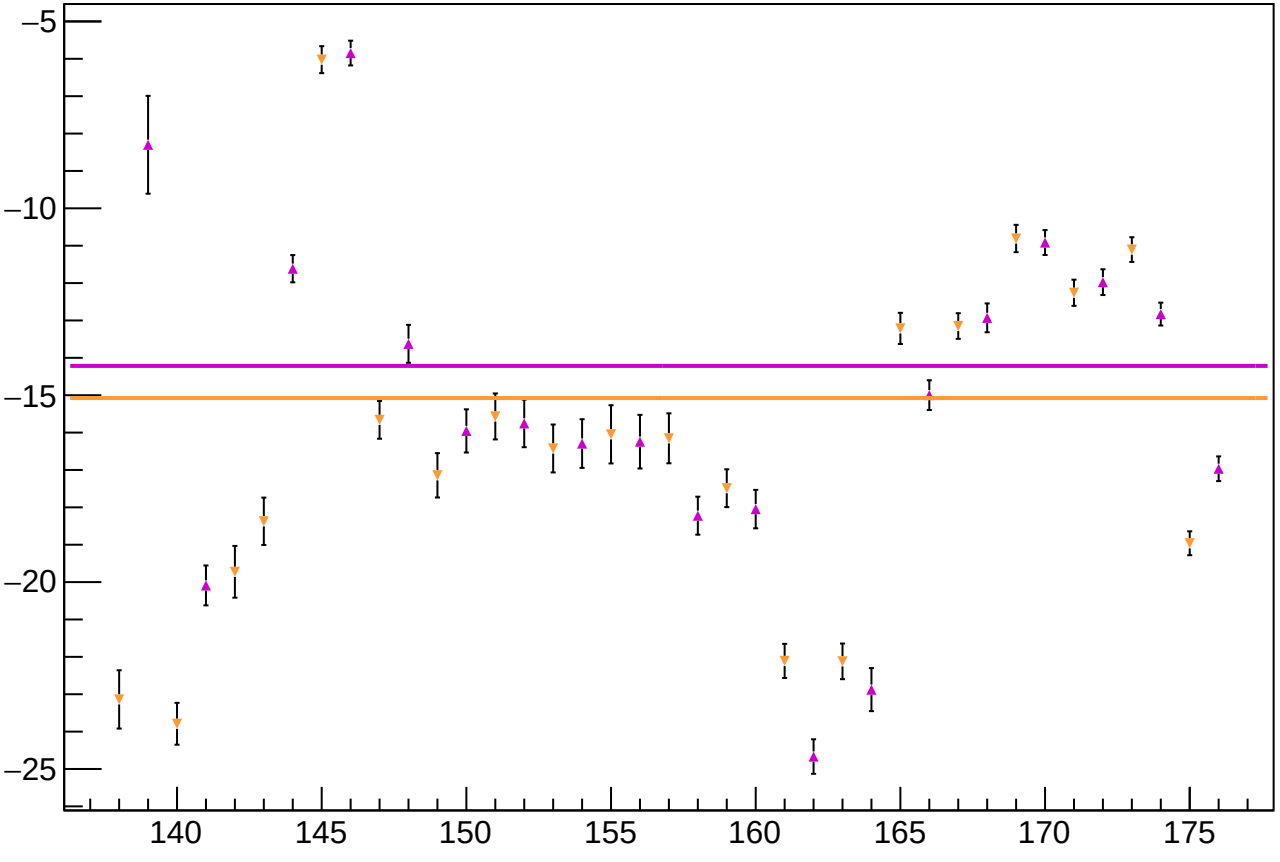
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -44.190+/-0.116 χ^2/NDF:9915.2/18

Out: -45.521+/-0.120 χ^2/NDF:9523.5/19

All: -44.829+/-0.083 χ^2/NDF: 19502.3/38

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: -15.076+/-0.103 χ^2/NDF:2096.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -14.216+/-0.100 χ^2/NDF:1967.0/18

Left: -14.634+/-0.072 χ^2/NDF: 4099.2/38

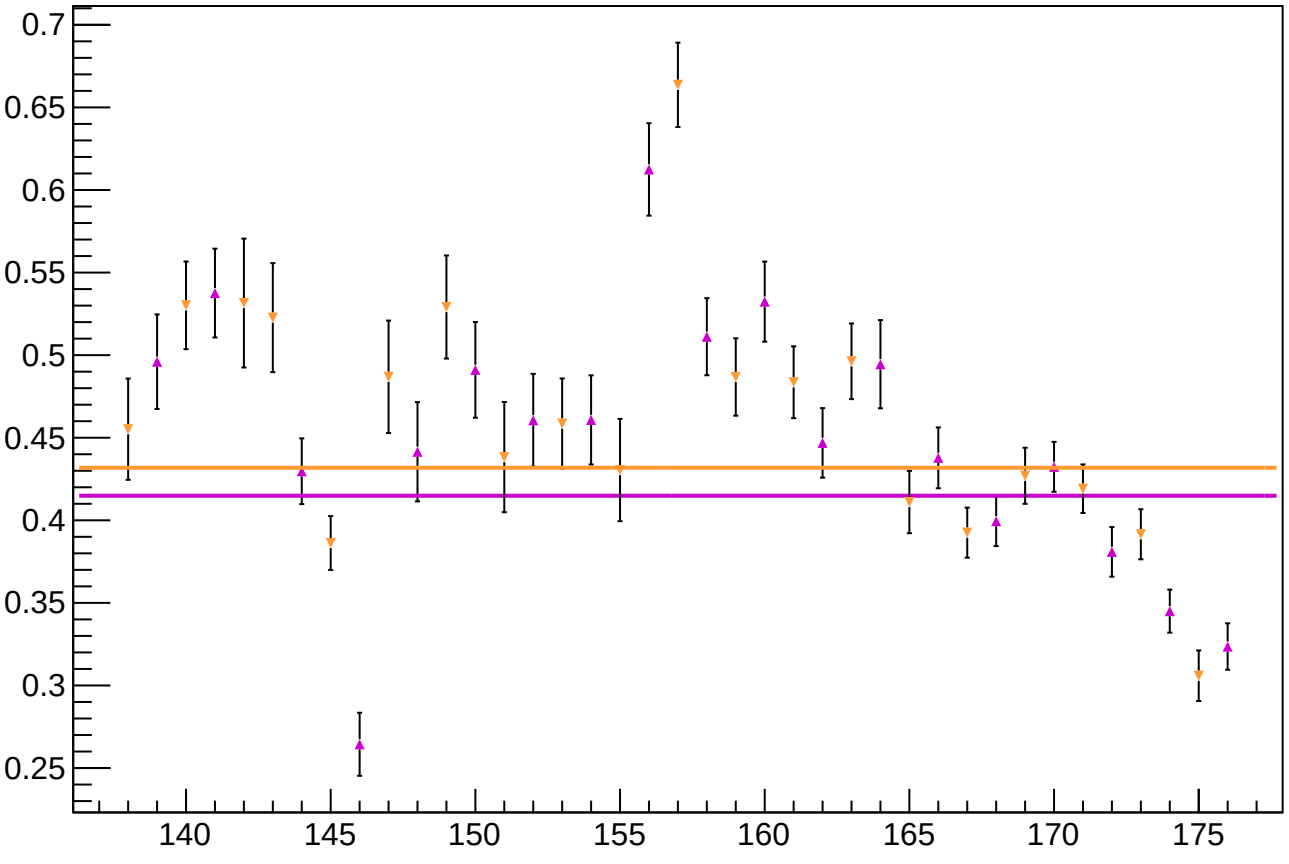
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.216+/-0.100 χ^2/NDF:1967.0/18

Out: -15.076+/-0.103 χ^2/NDF:2096.3/19

All: -14.634+/-0.072 χ^2/NDF: 4099.2/38

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.432+/-0.005 χ^2/NDF:234.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.415+/-0.005 χ^2/NDF:286.4/18

Left: 0.423+/-0.003 χ^2/NDF: 527.7/38

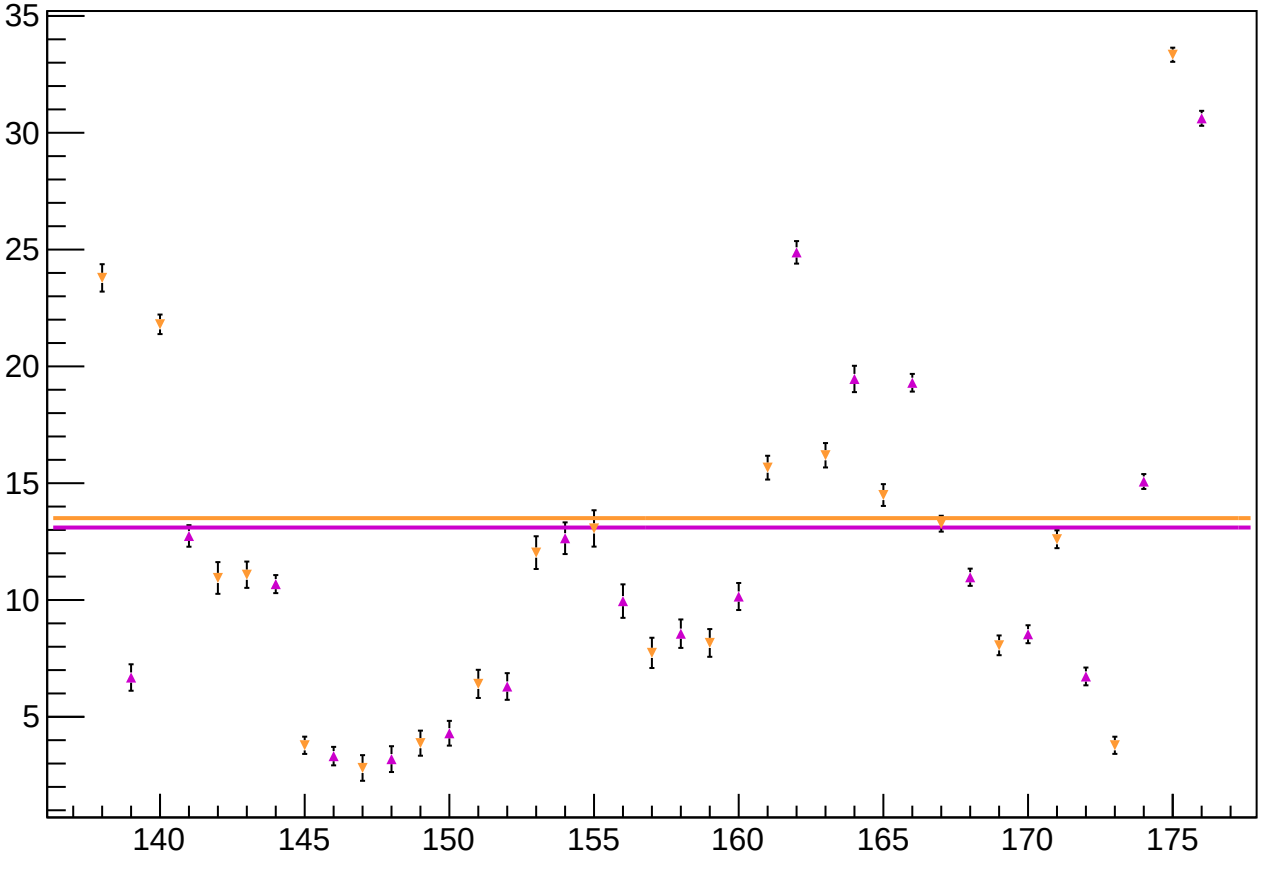
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.415+/-0.005 χ^2/NDF:286.4/18

Out: 0.432+/-0.005 χ^2/NDF:234.6/19

All: 0.423+/-0.003 χ^2/NDF: 527.7/38

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 13.505+/-0.105 χ^2/NDF:7641.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 13.102+/-0.102 χ^2/NDF:6096.9/18

Left: 13.299+/-0.073 χ^2/NDF: 13746.2/38

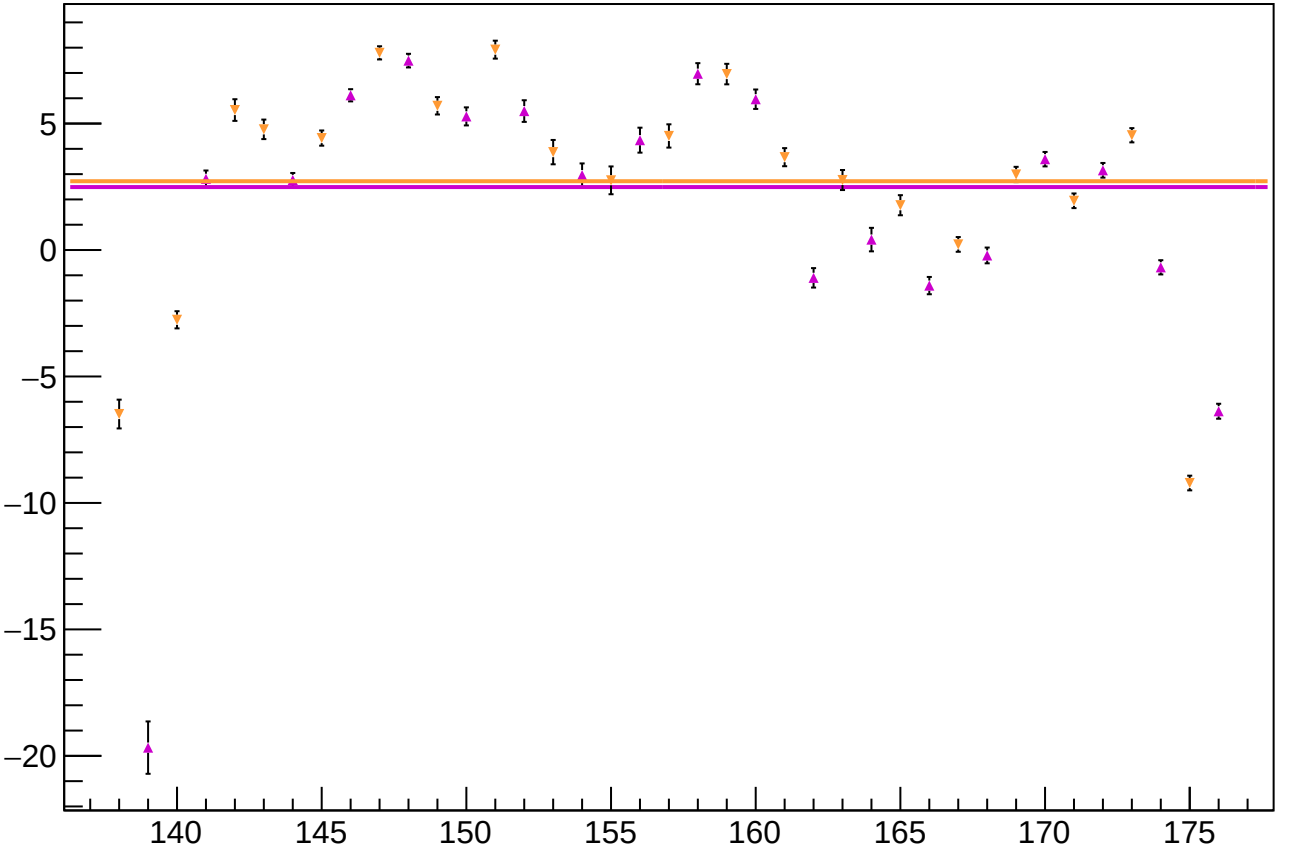
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.102+/-0.102 χ^2/NDF:6096.9/18

Out: 13.505+/-0.105 χ^2/NDF:7641.8/19

All: 13.299+/-0.073 χ^2/NDF: 13746.2/38

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 2.720+/-0.078 χ^2/NDF:3247.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 2.489+/-0.077 χ^2/NDF:2708.7/18

Left: 2.603+/-0.055 χ^2/NDF: 5960.8/38

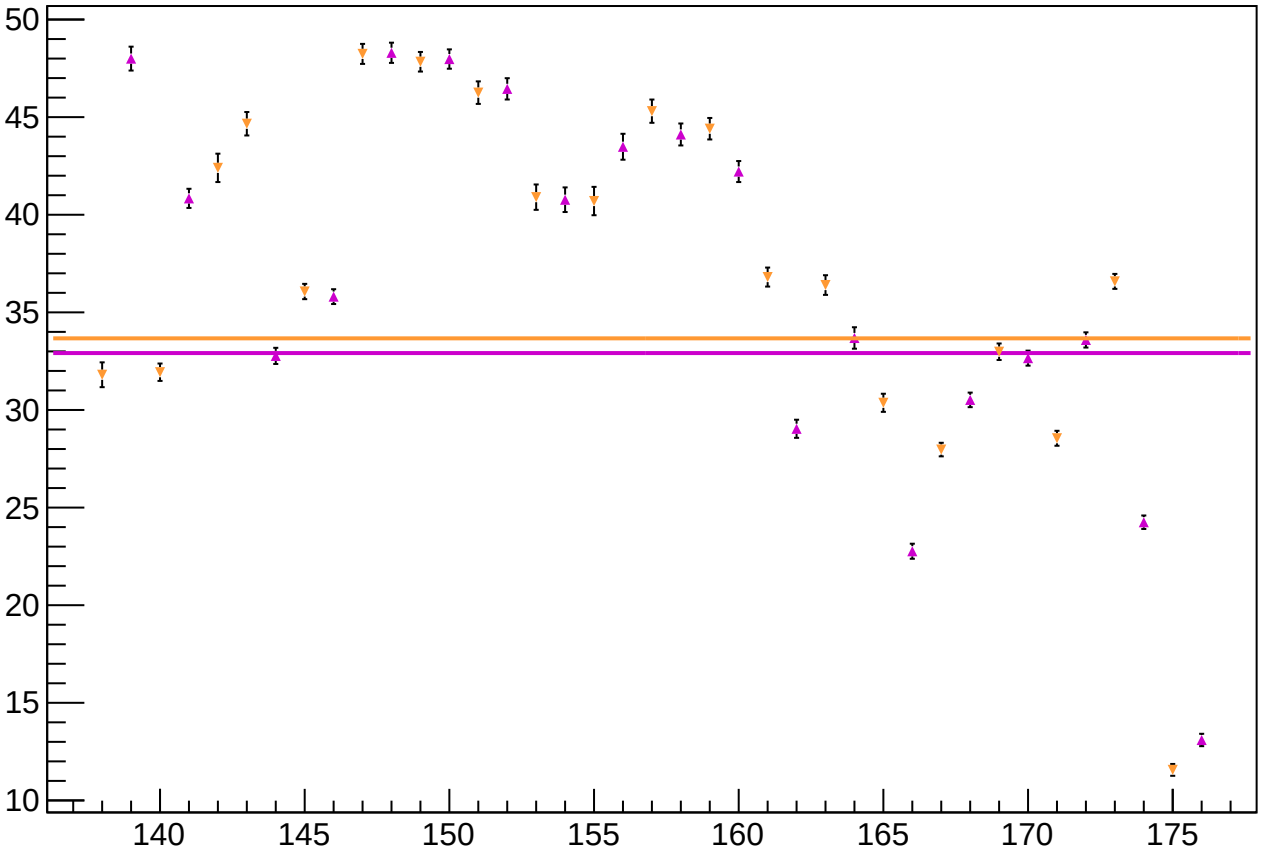
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.489+/-0.077 χ^2/NDF:2708.7/18

Out: 2.720+/-0.078 χ^2/NDF:3247.7/19

All: 2.603+/-0.055 χ^2/NDF: 5960.8/38

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 33.669+/-0.105 χ^2/NDF:9536.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 32.915+/-0.102 χ^2/NDF:9792.6/18

Left: 33.282+/-0.073 χ^2/NDF: 19355.5/38

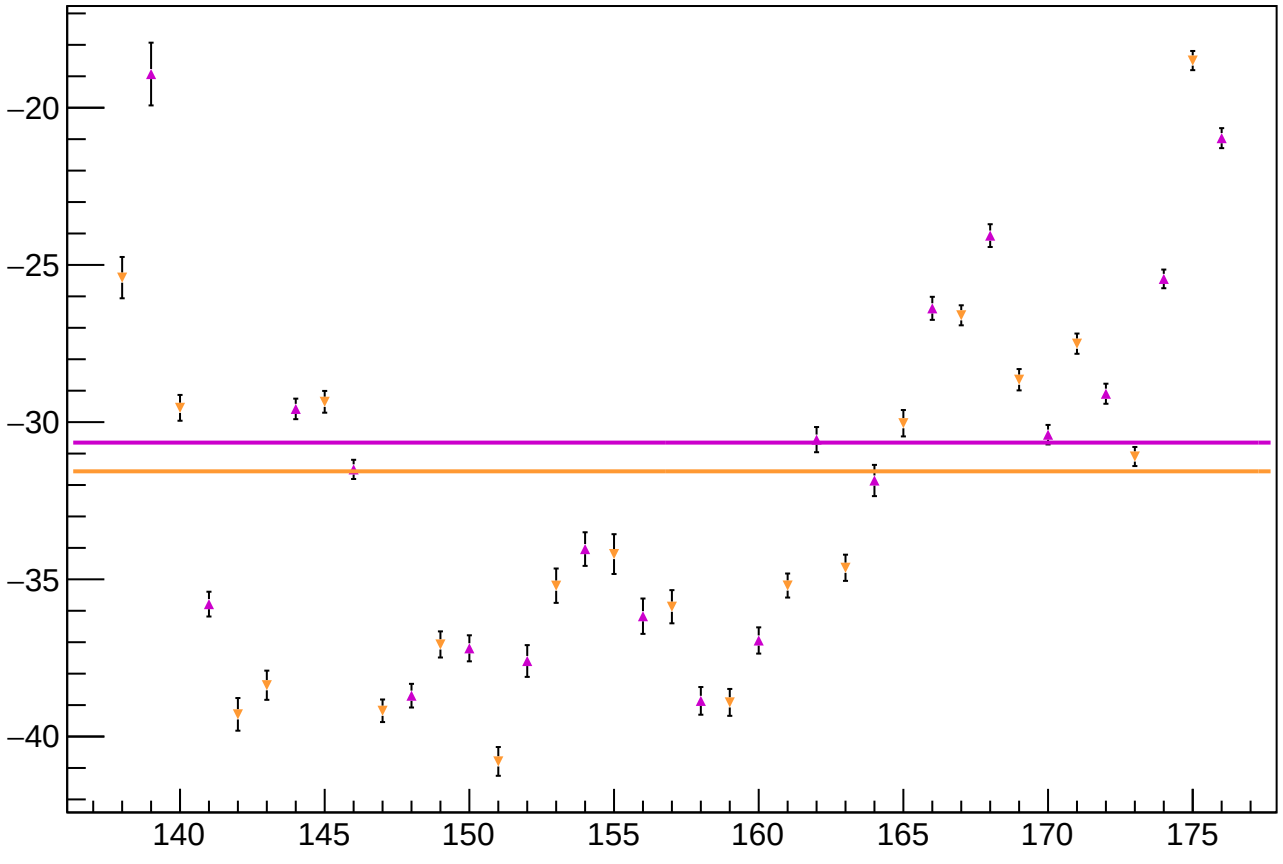
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 32.915+/-0.102 χ^2/NDF:9792.6/18

Out: 33.669+/-0.105 χ^2/NDF:9536.4/19

All: 33.282+/-0.073 χ^2/NDF: 19355.5/38

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -31.565+/-0.089 χ^2/NDF:4513.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -30.651+/-0.088 χ^2/NDF:3664.4/18

Left: -31.104+/-0.063 χ^2/NDF: 8231.0/38

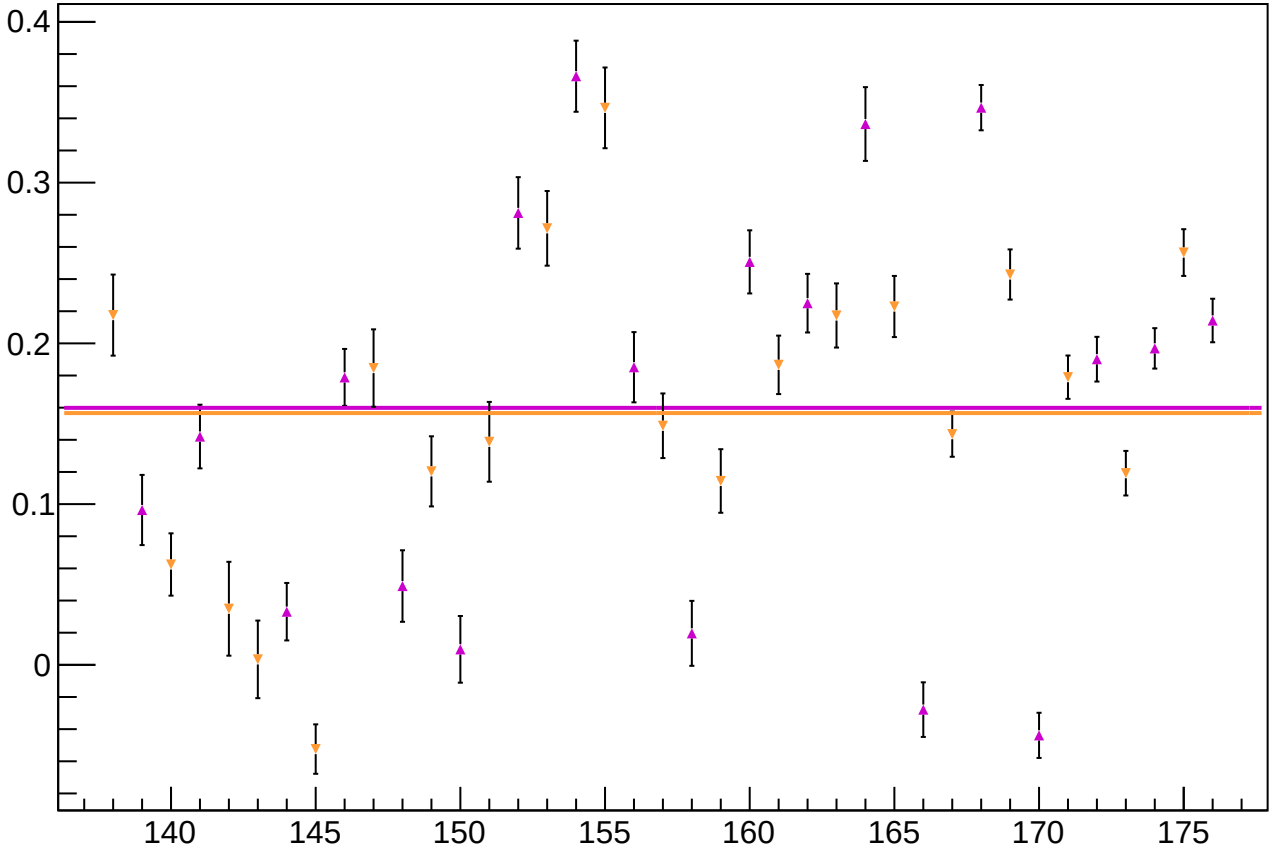
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.651+/-0.088 χ^2/NDF:3664.4/18

Out: -31.565+/-0.089 χ^2/NDF:4513.5/19

All: -31.104+/-0.063 χ^2/NDF: 8231.0/38

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: 0.157+/-0.004 χ^2/NDF:475.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.160+/-0.004 χ^2/NDF:935.0/18

Left: 0.158+/-0.003 χ^2/NDF: 1411.0/38

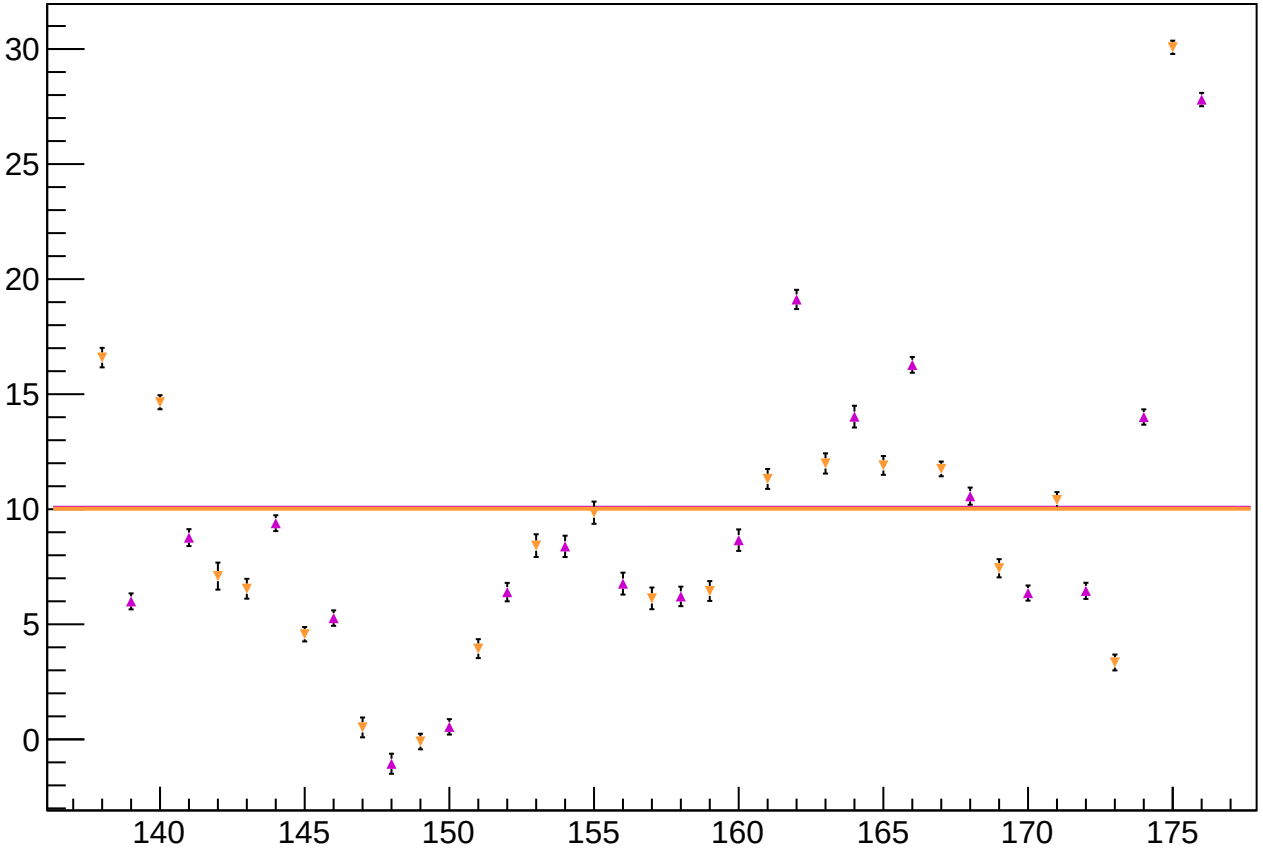
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.160+/-0.004 χ^2/NDF:935.0/18

Out: 0.157+/-0.004 χ^2/NDF:475.6/19

All: 0.158+/-0.003 χ^2/NDF: 1411.0/38

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 10.024+/-0.086 χ^2/NDF:7916.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 10.064+/-0.086 χ^2/NDF:7019.2/18

Left: 10.044+/-0.061 χ^2/NDF: 14935.9/38

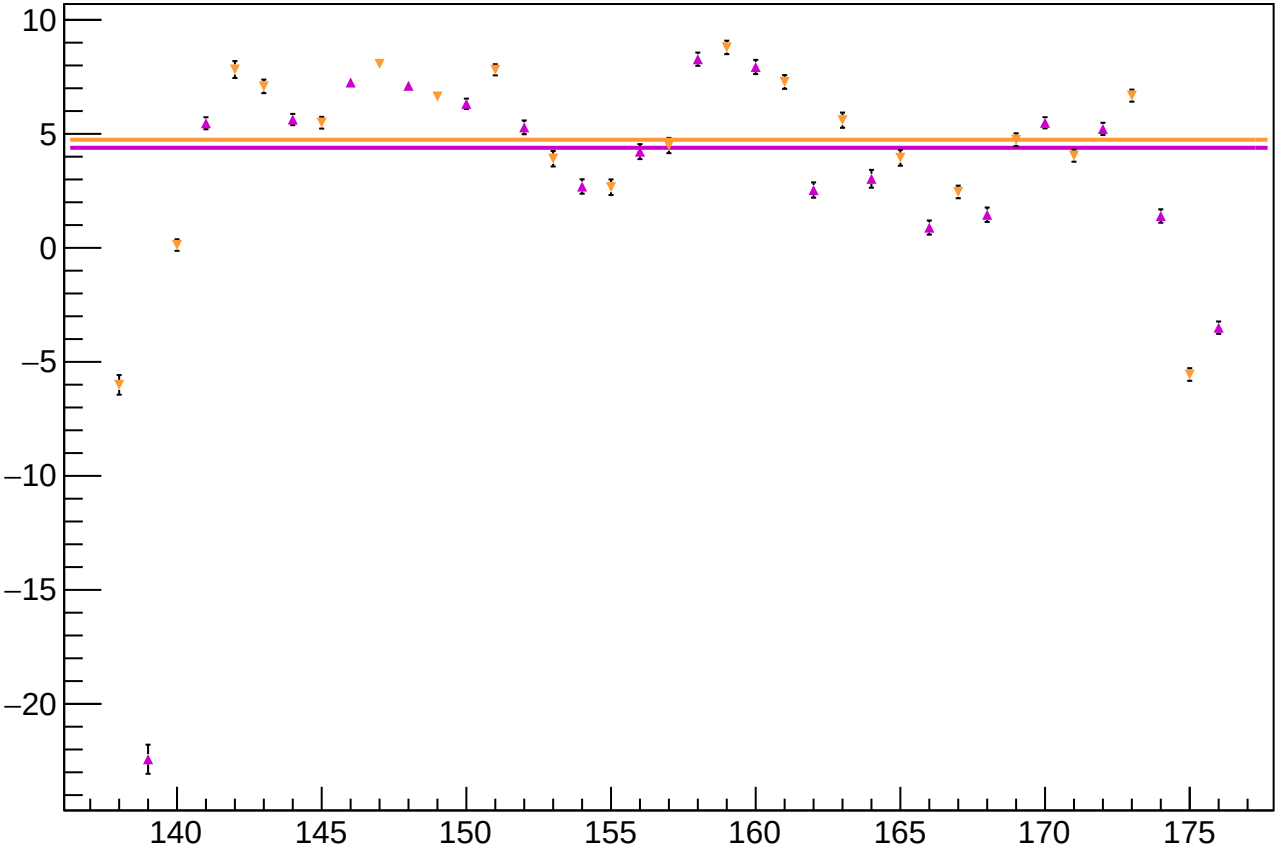
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.064+/-0.086 χ^2/NDF:7019.2/18

Out: 10.024+/-0.086 χ^2/NDF:7916.6/19

All: 10.044+/-0.061 χ^2/NDF: 14935.9/38

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: 4.743+/-0.063 χ^2/NDF:3400.0/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 4.389+/-0.065 χ^2/NDF:3792.6/18

Left: 4.569+/-0.045 χ^2/NDF: 7207.8/38

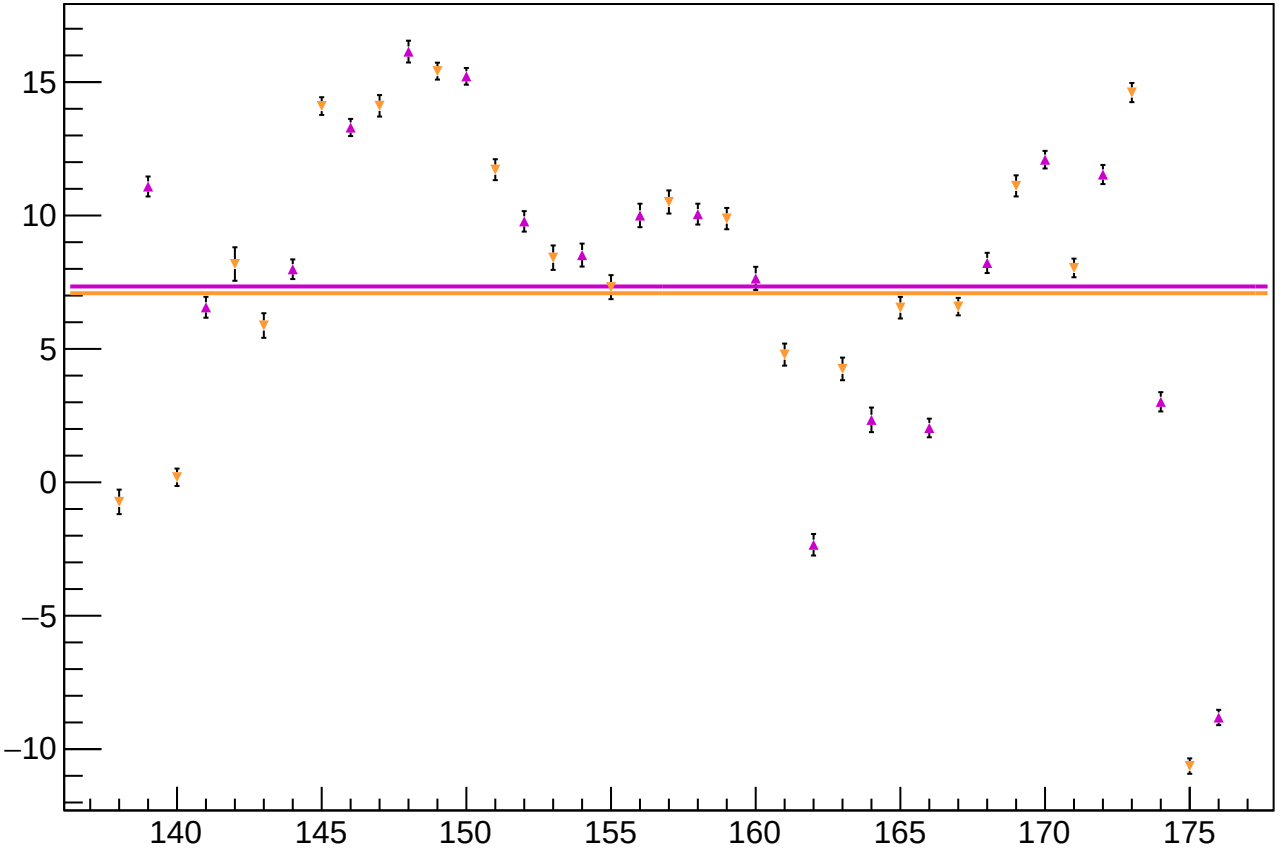
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.389+/-0.065 χ^2/NDF:3792.6/18

Out: 4.743+/-0.063 χ^2/NDF:3400.0/19

All: 4.569+/-0.045 χ^2/NDF: 7207.8/38

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 7.088+/-0.086 χ^2/NDF:6843.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 7.340+/-0.085 χ^2/NDF:6249.9/18

Left: 7.215+/-0.060 χ^2/NDF: 13098.0/38

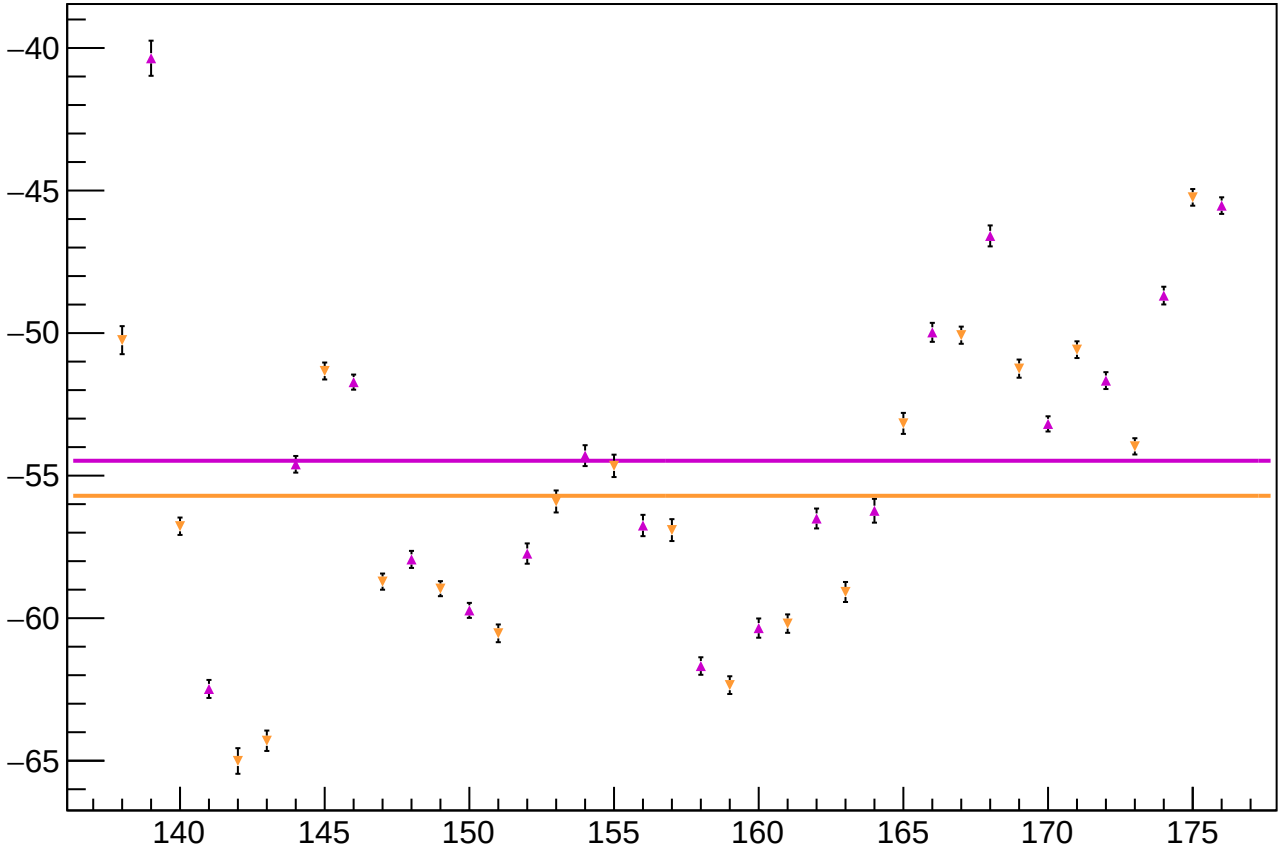
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.340+/-0.085 χ^2/NDF:6249.9/18

Out: 7.088+/-0.086 χ^2/NDF:6843.7/19

All: 7.215+/-0.060 χ^2/NDF: 13098.0/38

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -55.707+/-0.073 χ^2/NDF:4839.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -54.478+/-0.074 χ^2/NDF:4878.9/18

Left: -55.099+/-0.052 χ^2/NDF: 9859.0/38

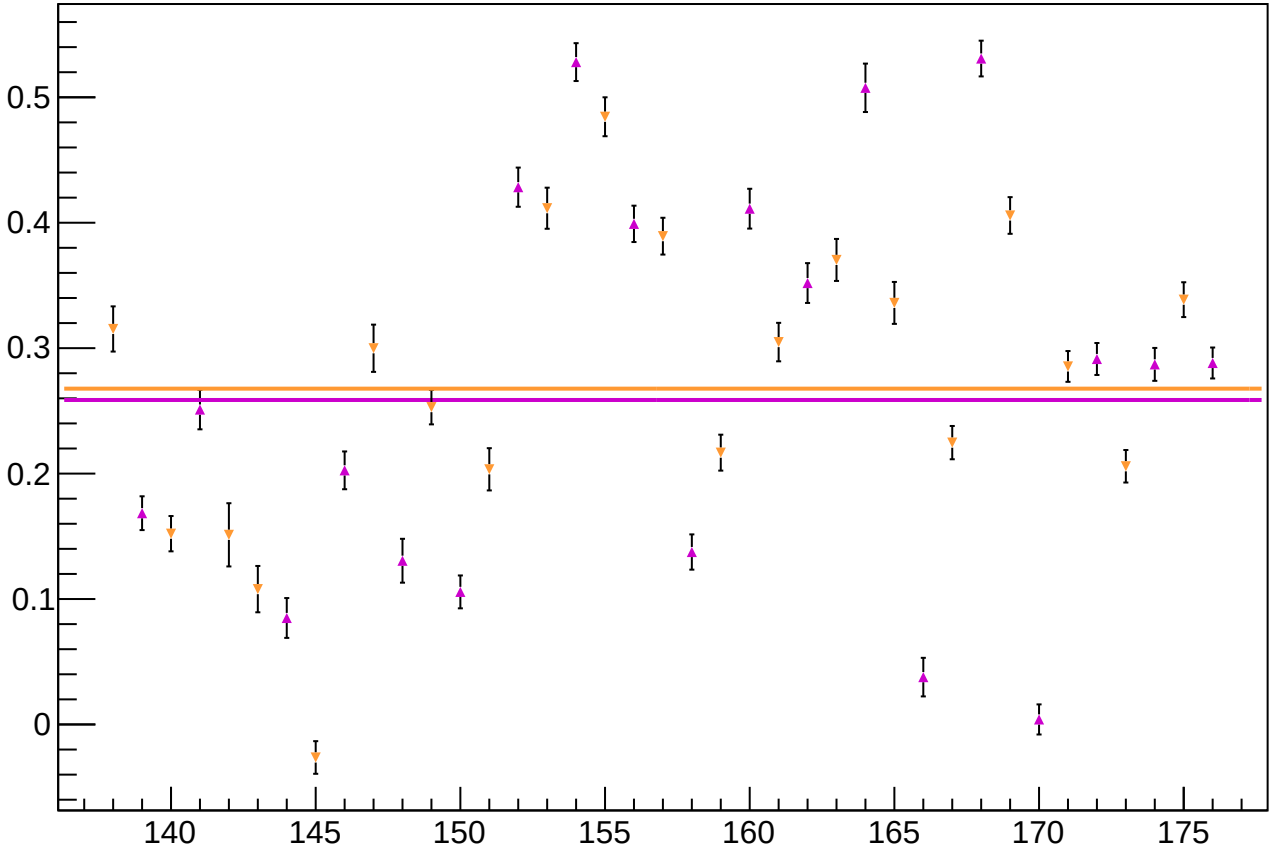
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -54.478+/-0.074 χ^2/NDF:4878.9/18

Out: -55.707+/-0.073 χ^2/NDF:4839.7/19

All: -55.099+/-0.052 χ^2/NDF: 9859.0/38

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.268+/-0.003 χ^2/NDF:1264.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.259+/-0.003 χ^2/NDF:2305.4/18

Left: 0.263+/-0.002 χ^2/NDF: 3573.7/38

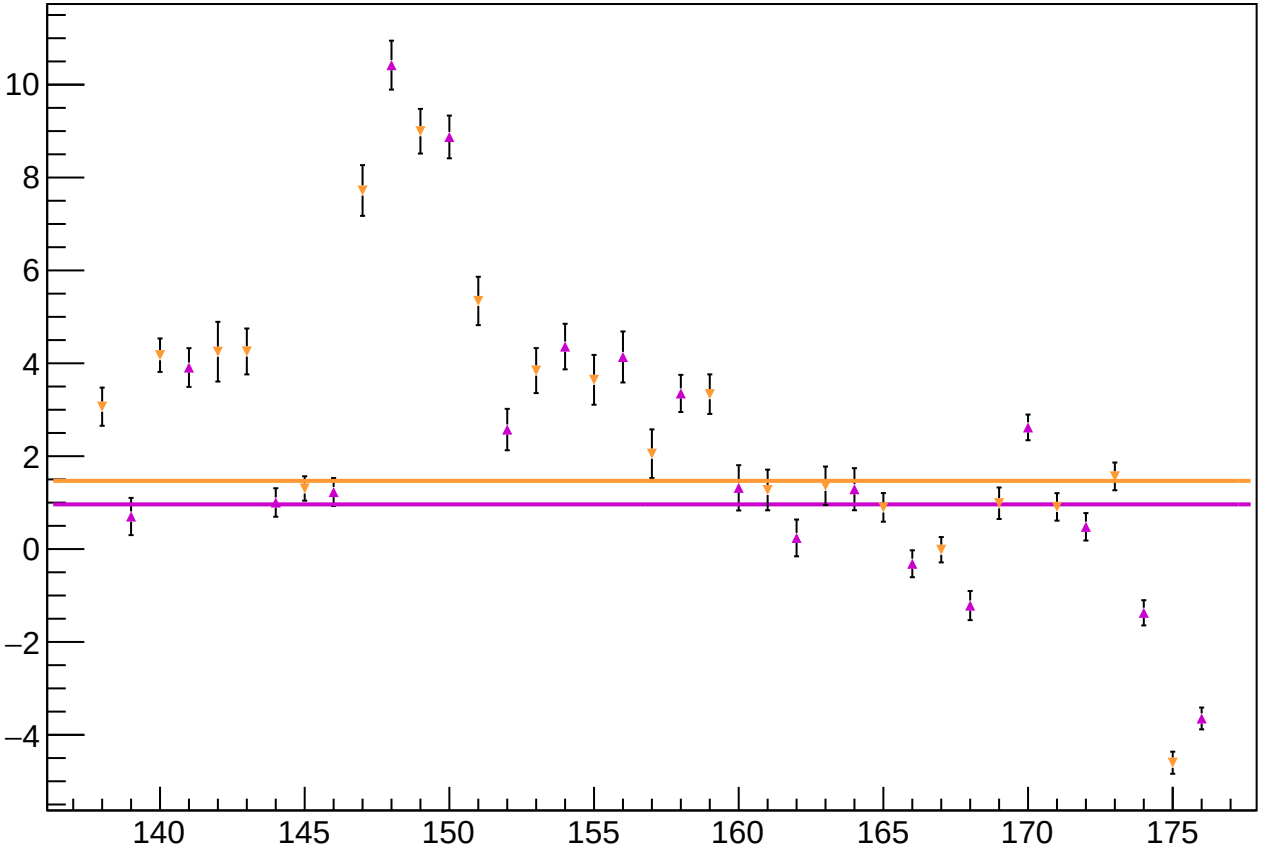
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.259+/-0.003 χ^2/NDF:2305.4/18

Out: 0.268+/-0.003 χ^2/NDF:1264.6/19

All: 0.263+/-0.002 χ^2/NDF: 3573.7/38

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 1.469+/-0.083 χ^2/NDF:1302.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.962+/-0.080 χ^2/NDF:1368.8/18

Left: 1.209+/-0.058 χ^2/NDF: 2690.9/38

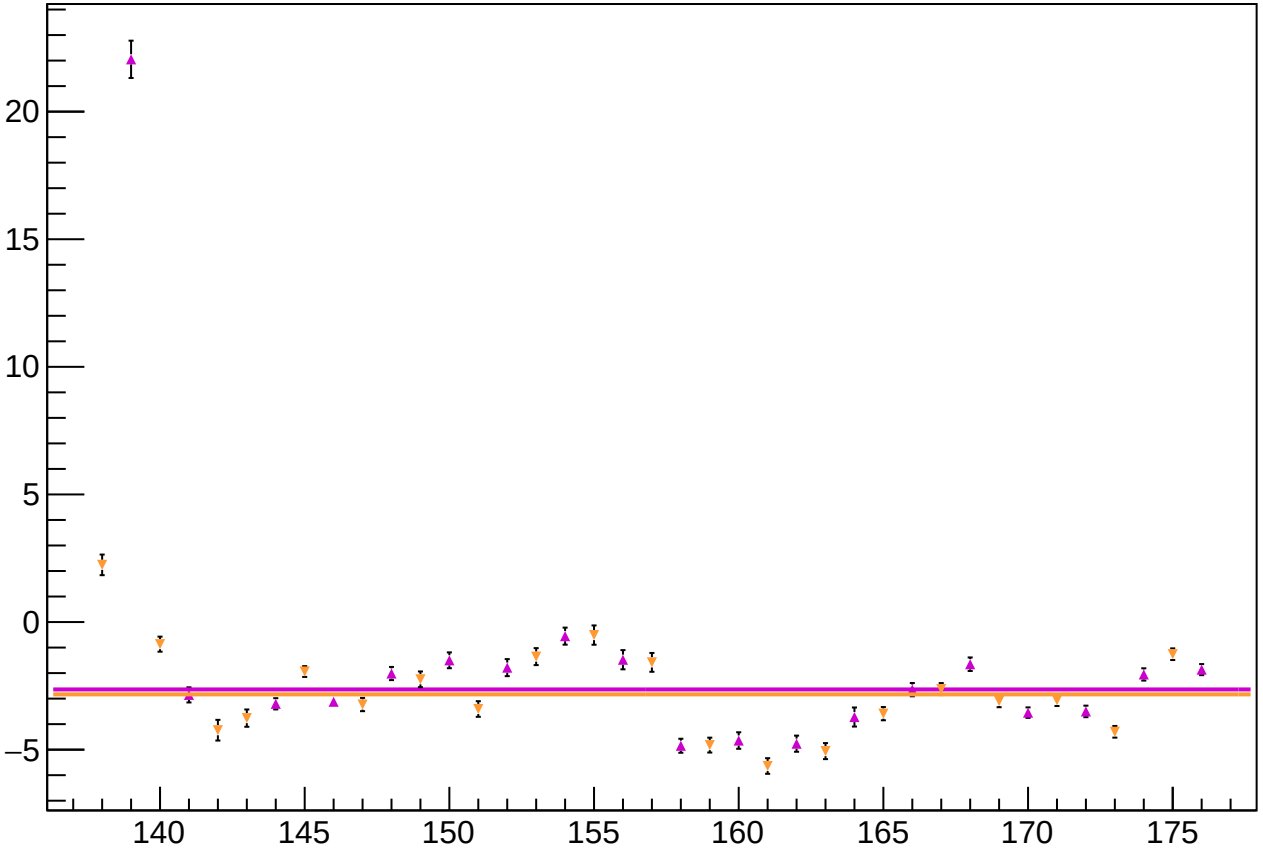
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.962+/-0.080 χ^2/NDF:1368.8/18

Out: 1.469+/-0.083 χ^2/NDF:1302.8/19

All: 1.209+/-0.058 χ^2/NDF: 2690.9/38

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: -2.835+/-0.063 χ^2/NDF:598.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -2.640+/-0.062 χ^2/NDF:1451.8/18

Left: -2.736+/-0.044 χ^2/NDF: 2055.5/38

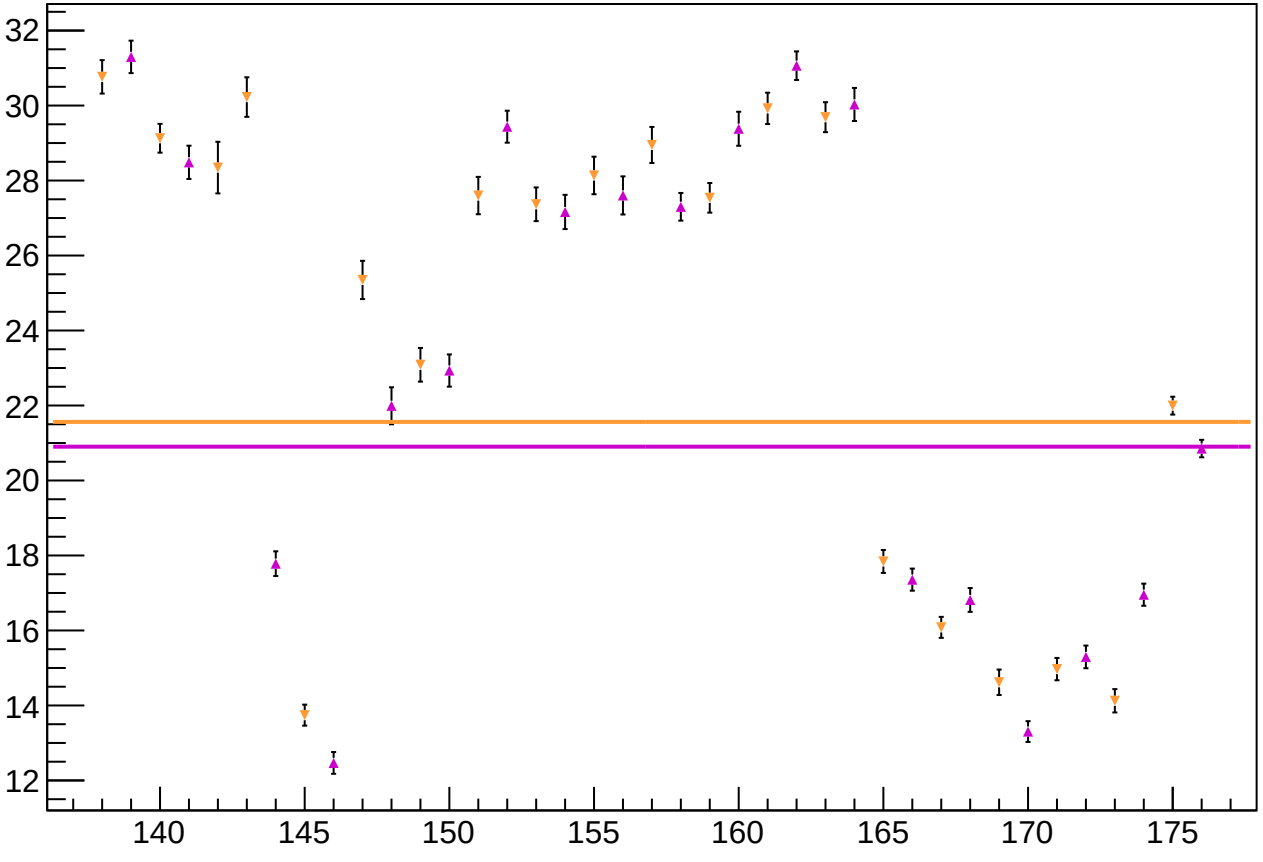
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.640+/-0.062 χ^2/NDF:1451.8/18

Out: -2.835+/-0.063 χ^2/NDF:598.9/19

All: -2.736+/-0.044 χ^2/NDF: 2055.5/38

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: 21.563+/-0.083 χ^2/NDF:5806.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 20.902+/-0.080 χ^2/NDF:5969.5/18

Left: 21.223+/-0.058 χ^2/NDF: 11808.6/38

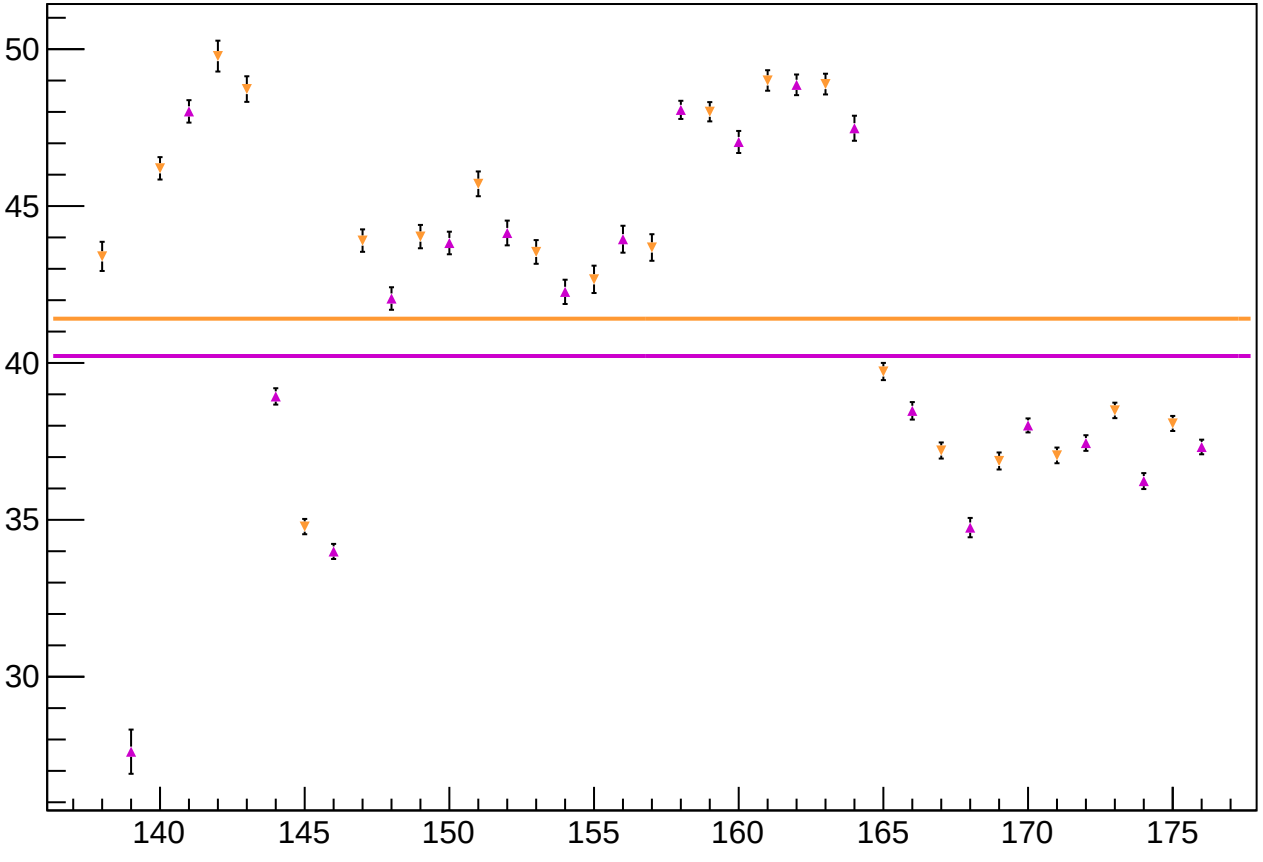
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 20.902+/-0.080 χ^2/NDF:5969.5/18

Out: 21.563+/-0.083 χ^2/NDF:5806.3/19

All: 21.223+/-0.058 χ^2/NDF: 11808.6/38

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: 41.411+/-0.071 χ^2/NDF:4568.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 40.222+/-0.070 χ^2/NDF:4925.8/18

Left: 40.809+/-0.050 χ^2/NDF: 9637.4/38

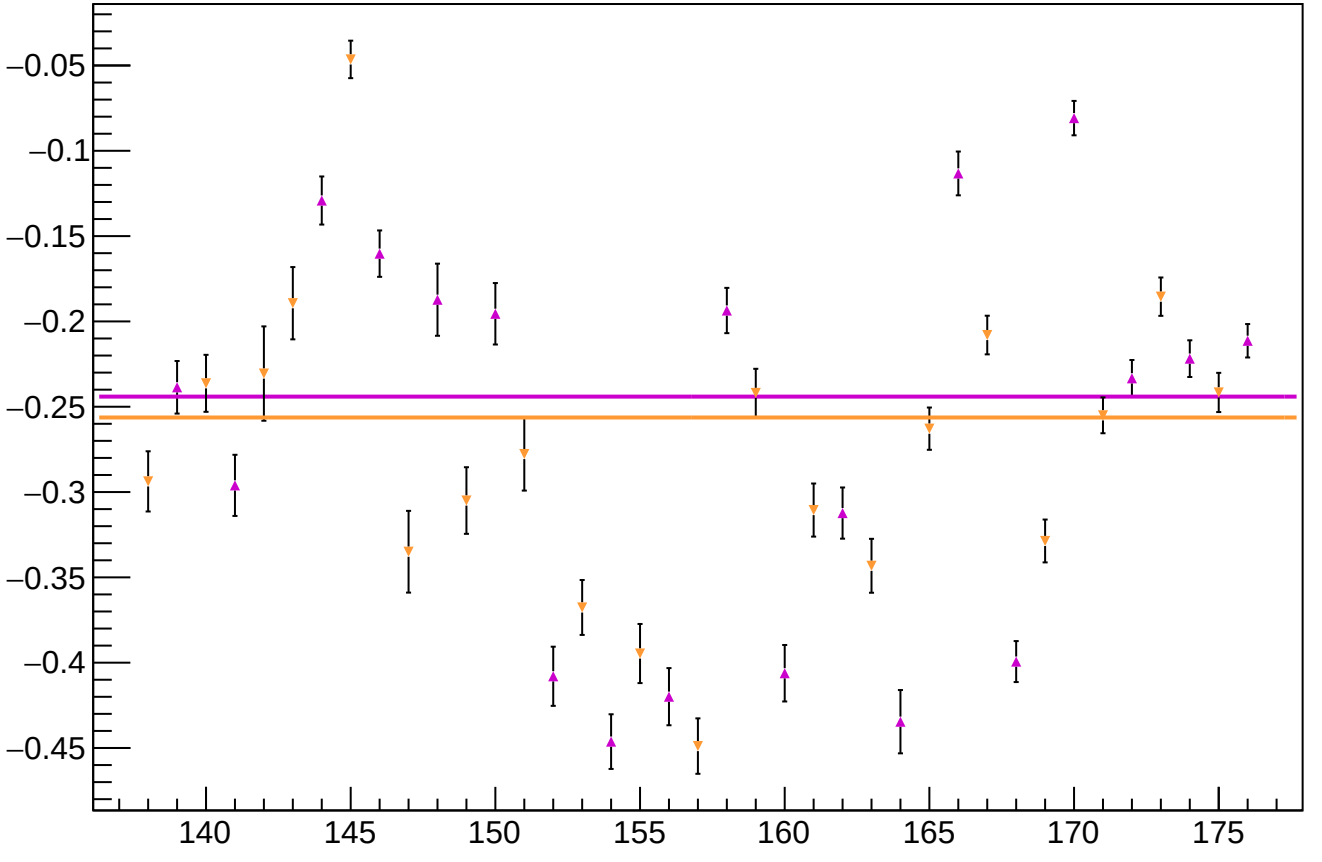
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 40.222+/-0.070 χ^2/NDF:4925.8/18

Out: 41.411+/-0.071 χ^2/NDF:4568.5/19

All: 40.809+/-0.050 χ^2/NDF: 9637.4/38

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: -0.256+/-0.003 χ^2/NDF:788.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.244+/-0.003 χ^2/NDF:1272.6/18

Left: -0.250+/-0.002 χ^2/NDF: 2068.4/38

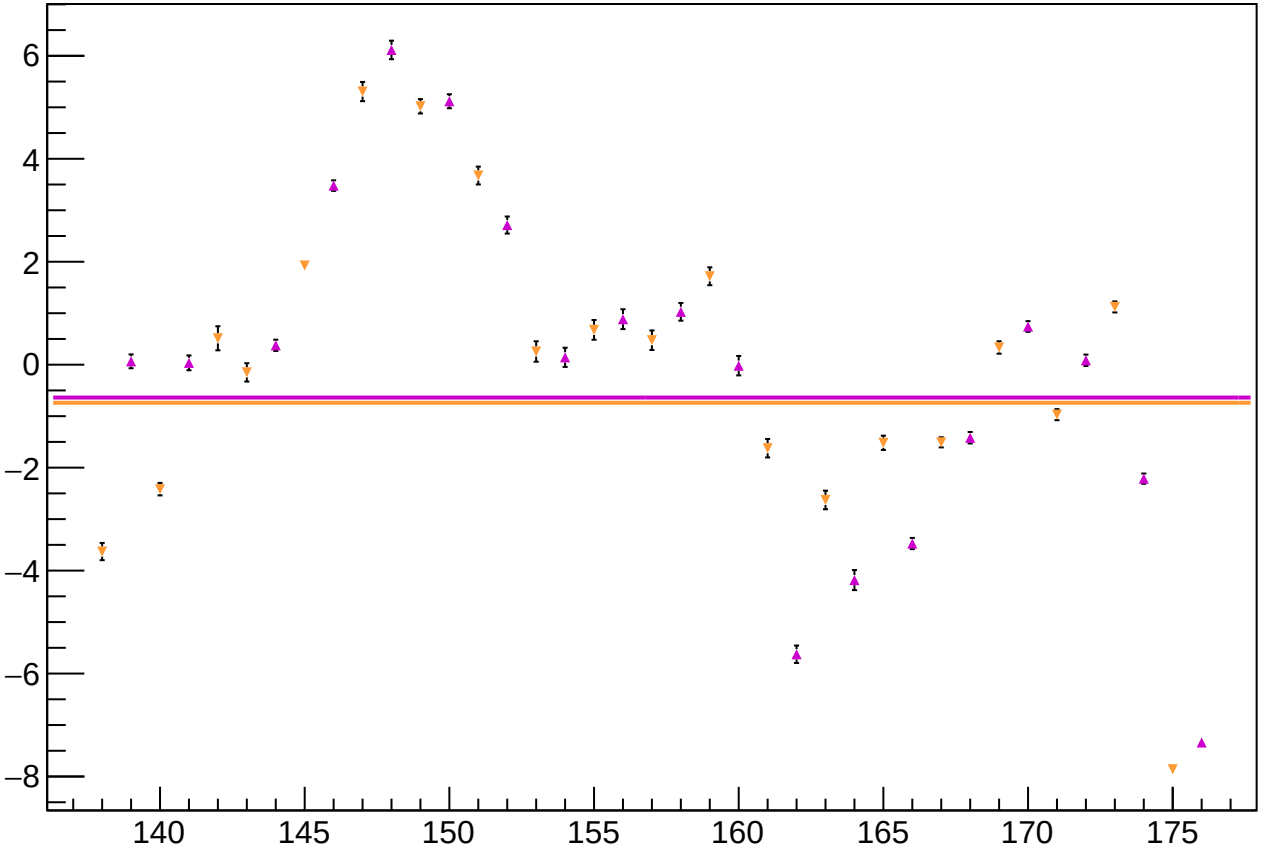
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.244+/-0.003 χ^2/NDF:1272.6/18

Out: -0.256+/-0.003 χ^2/NDF:788.5/19

All: -0.250+/-0.002 χ^2/NDF: 2068.4/38

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.740+/-0.030 χ^2/NDF:12268.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.638+/-0.030 χ^2/NDF:13217.4/18

Left: -0.688+/-0.021 χ^2/NDF: 25491.9/38

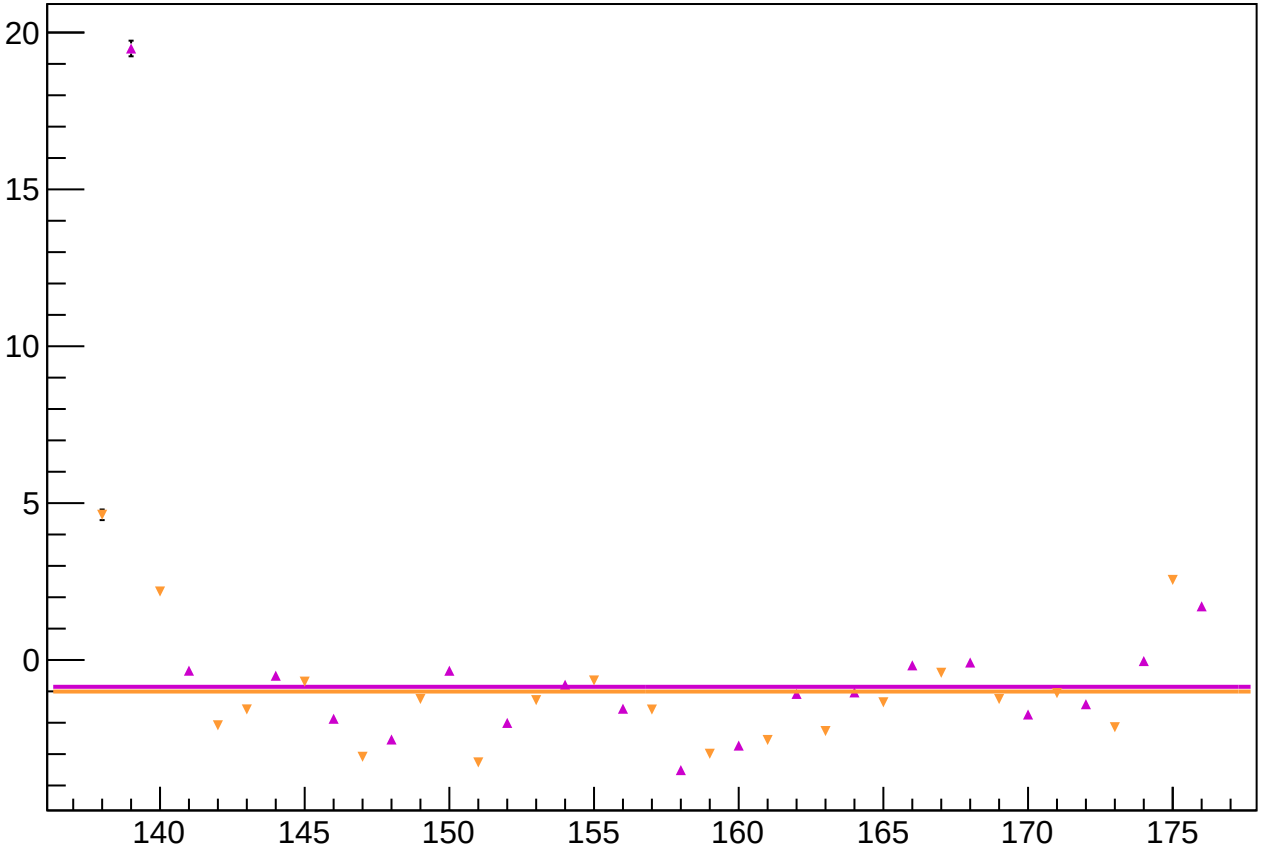
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.638+/-0.030 χ^2/NDF:13217.4/18

Out: -0.740+/-0.030 χ^2/NDF:12268.7/19

All: -0.688+/-0.021 χ^2/NDF: 25491.9/38

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: -1.005+/-0.023 χ^2/NDF:5833.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.854+/-0.023 χ^2/NDF:9435.2/18

Left: -0.929+/-0.016 χ^2/NDF: 15290.1/38

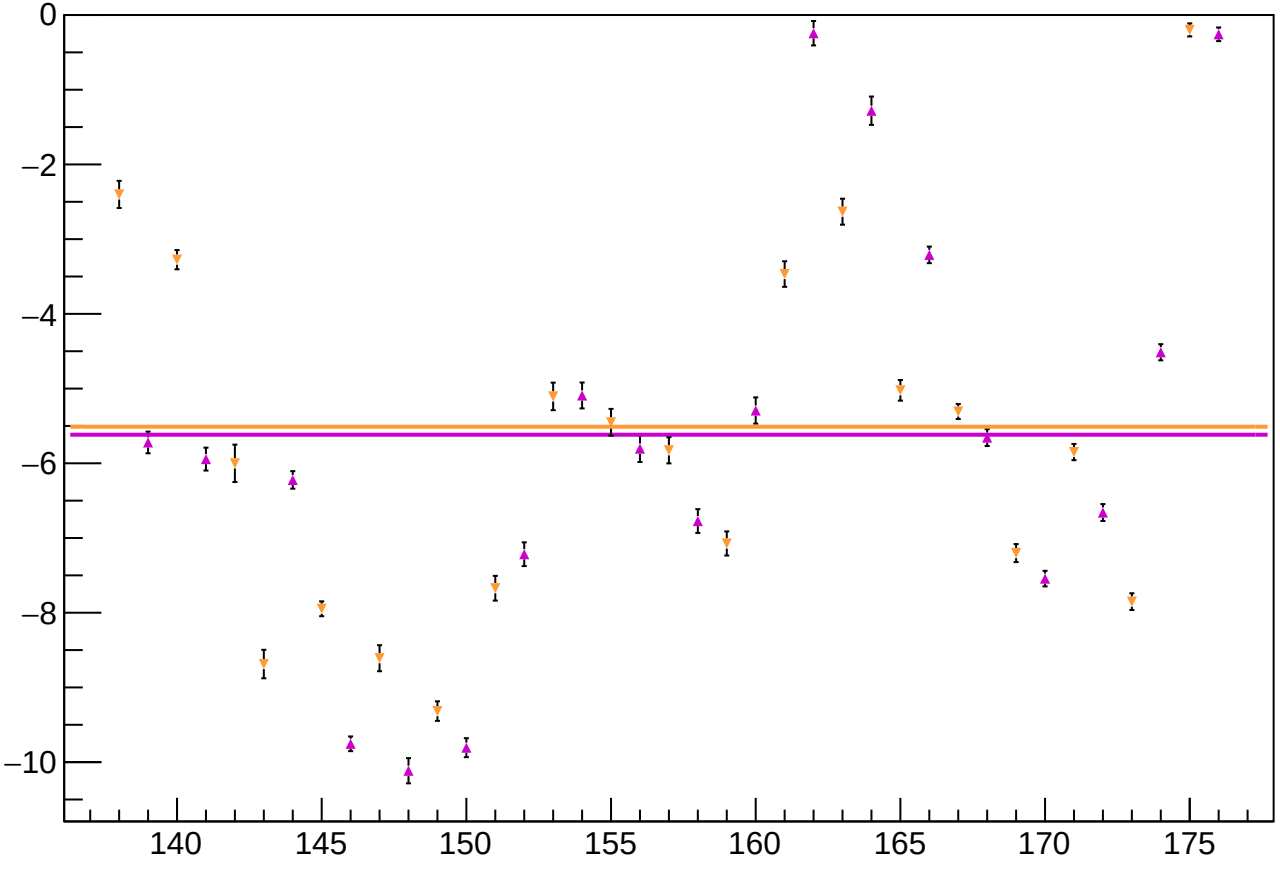
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.854+/-0.023 χ^2/NDF:9435.2/18

Out: -1.005+/-0.023 χ^2/NDF:5833.1/19

All: -0.929+/-0.016 χ^2/NDF: 15290.1/38

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -5.510+/-0.030 χ^2/NDF:7664.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -5.617+/-0.030 χ^2/NDF:9815.5/18

Left: -5.565+/-0.021 χ^2/NDF: 17486.7/38

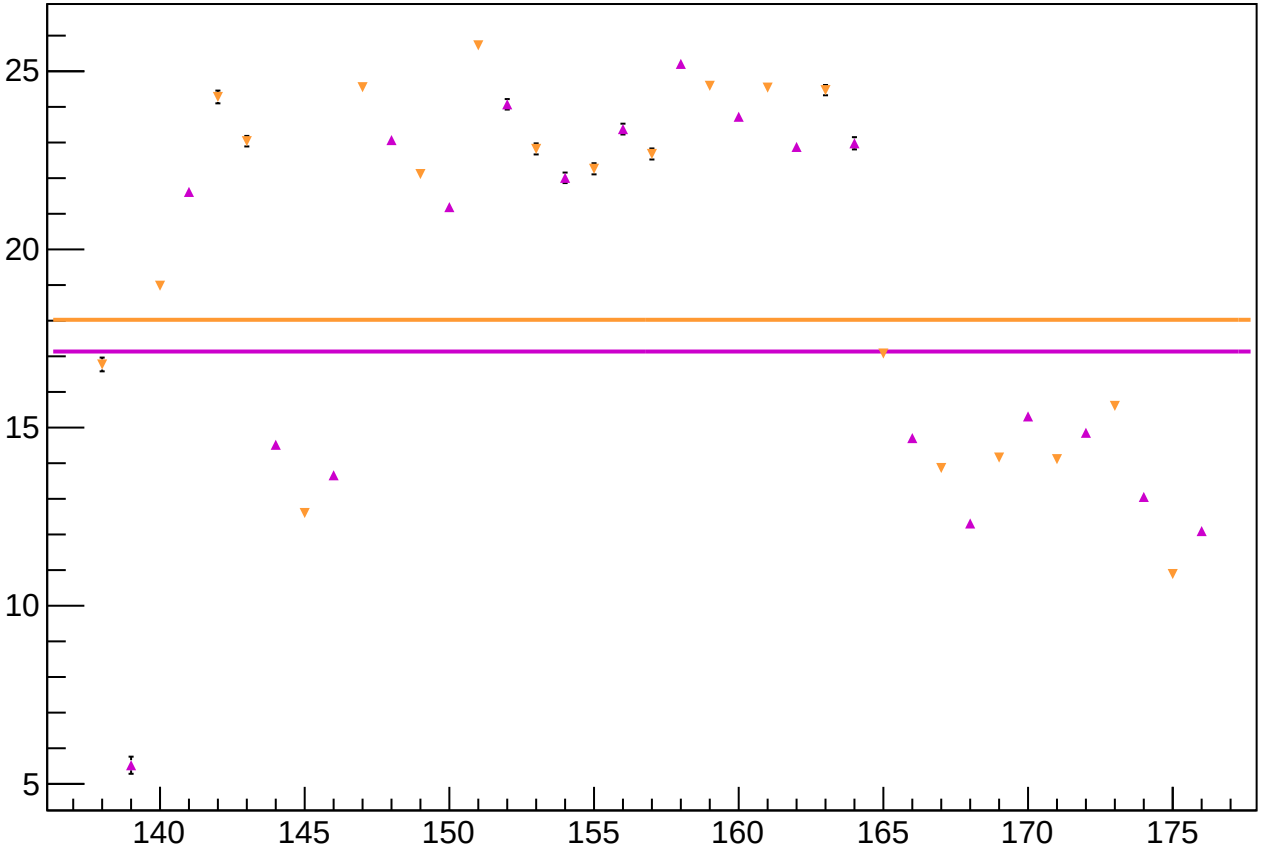
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.617+/-0.030 χ^2/NDF:9815.5/18

Out: -5.510+/-0.030 χ^2/NDF:7664.9/19

All: -5.565+/-0.021 χ^2/NDF: 17486.7/38

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 18.025+/-0.026 χ^2/NDF:36412.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 17.134+/-0.026 χ^2/NDF:32722.2/18

Left: 17.575+/-0.018 χ^2/NDF: 69721.9/38

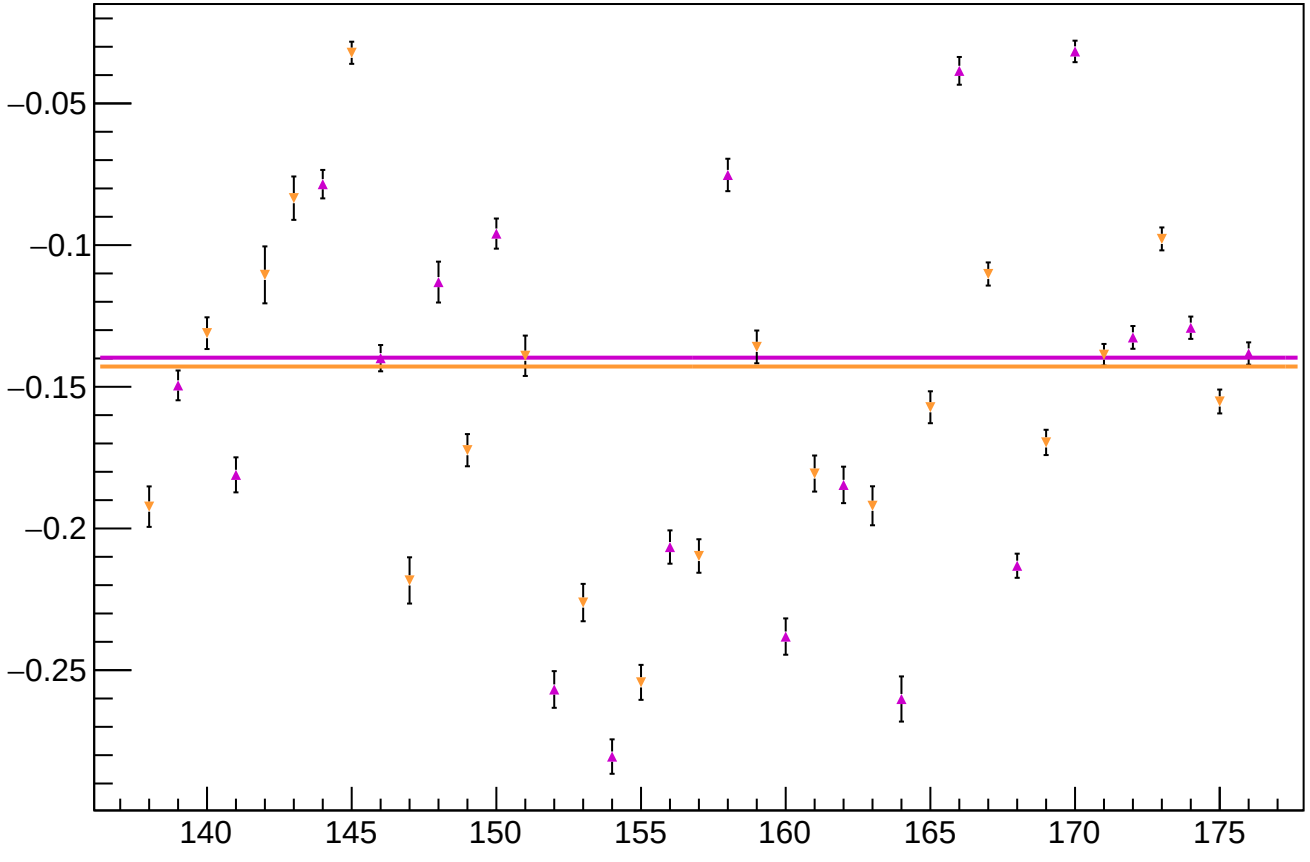
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 17.134+/-0.026 χ^2/NDF:32722.2/18

Out: 18.025+/-0.026 χ^2/NDF:36412.5/19

All: 17.575+/-0.018 χ^2/NDF: 69721.9/38

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -0.143+/-0.001 χ^2/NDF:1980.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -0.140+/-0.001 χ^2/NDF:3457.2/18

Left: -0.141+/-0.001 χ^2/NDF: 5441.1/38

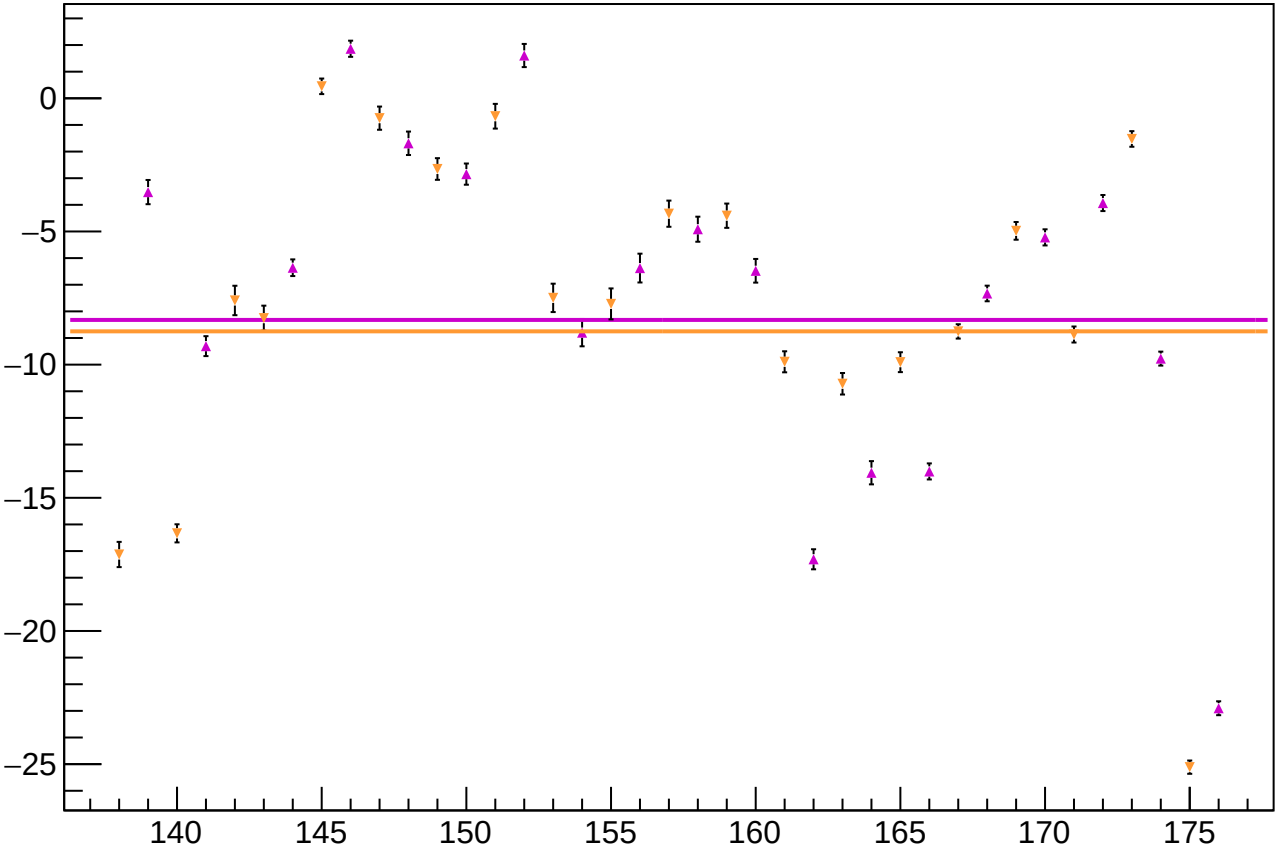
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.140+/-0.001 χ^2/NDF:3457.2/18

Out: -0.143+/-0.001 χ^2/NDF:1980.3/19

All: -0.141+/-0.001 χ^2/NDF: 5441.1/38

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -8.750+/-0.083 χ^2/NDF:7942.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -8.321+/-0.081 χ^2/NDF:6879.5/18

Left: -8.530+/-0.058 χ^2/NDF: 14835.8/38

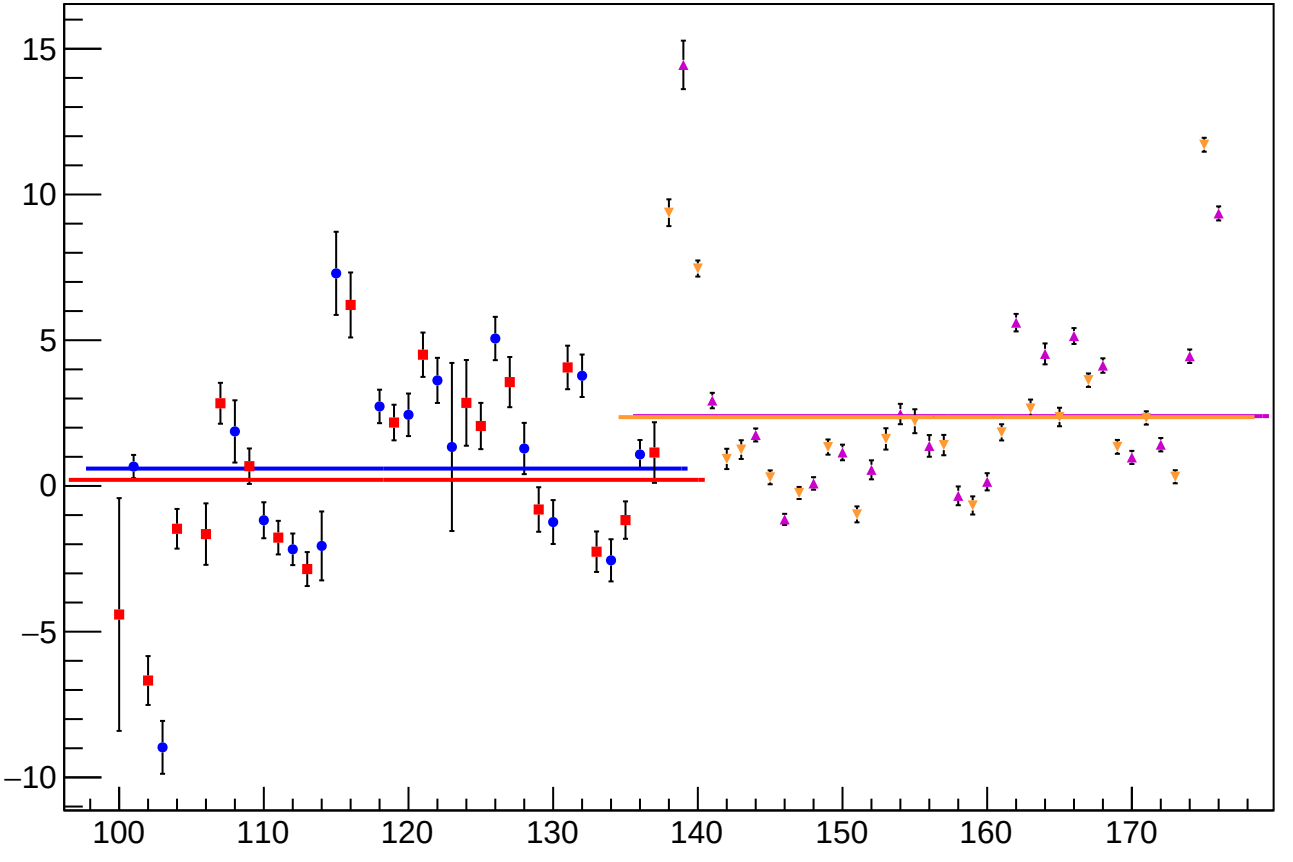
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.321+/-0.081 χ^2/NDF:6879.5/18

Out: -8.750+/-0.083 χ^2/NDF:7942.6/19

All: -8.530+/-0.058 χ^2/NDF: 14835.8/38

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596+/-0.169 χ^2/NDF: 291.2/16

Left Out: 2.361+/-0.062 χ^2/NDF:2768.6/19

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 2.396+/-0.061 χ^2/NDF:2140.1/18

Left: 2.378+/-0.043 χ^2/NDF: 4908.9/38

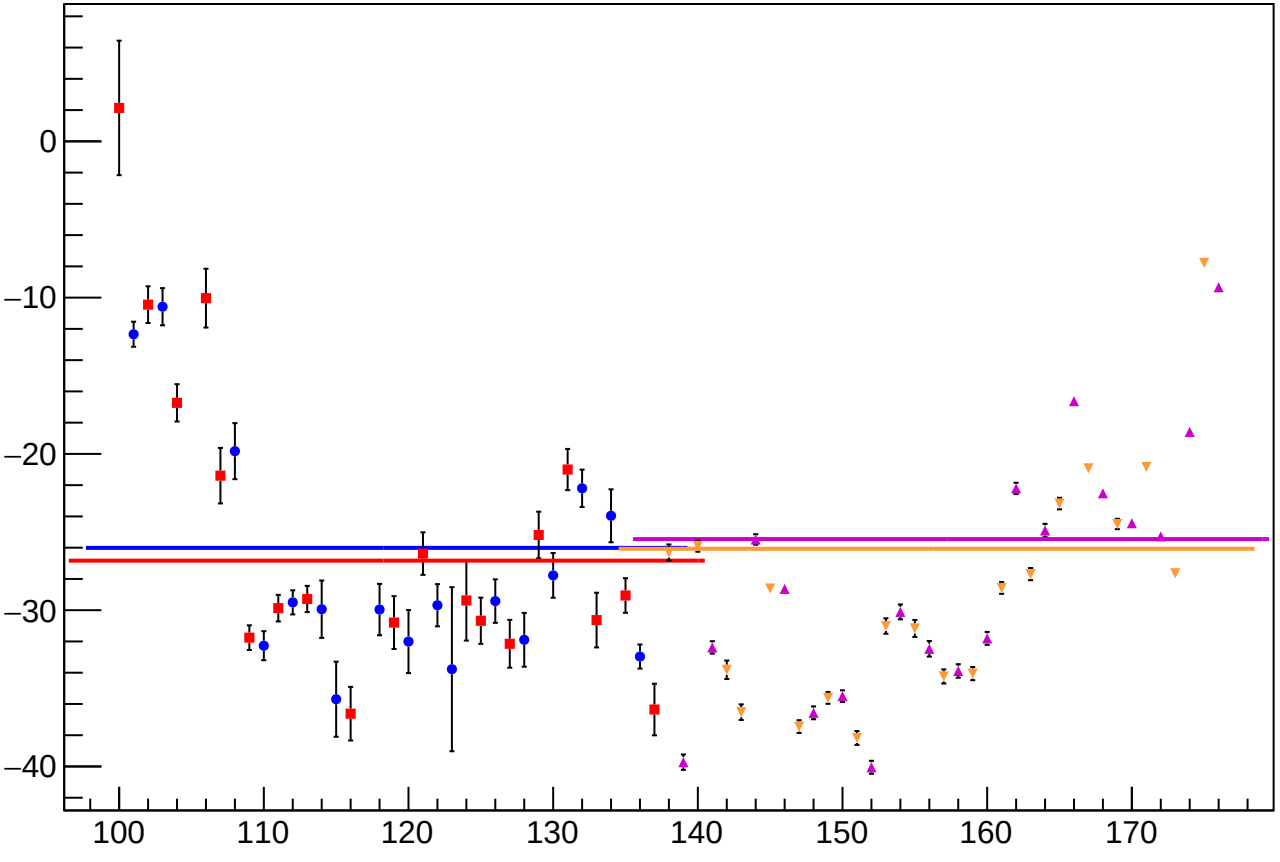
Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 2.187+/-0.057 χ^2/NDF:2531.6/35

Out: 2.122+/-0.058 χ^2/NDF:3177.0/38

All: 2.155+/-0.041 χ^2/NDF: 5709.3/74

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.012+/-0.300 χ^2/NDF: 692.9/16

Left Out: -26.069+/-0.083 χ^2/NDF:9889.9/19

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -25.449+/-0.081 χ^2/NDF:10340.5/18

Left: -25.751+/-0.058 χ^2/NDF: 20259.1/38

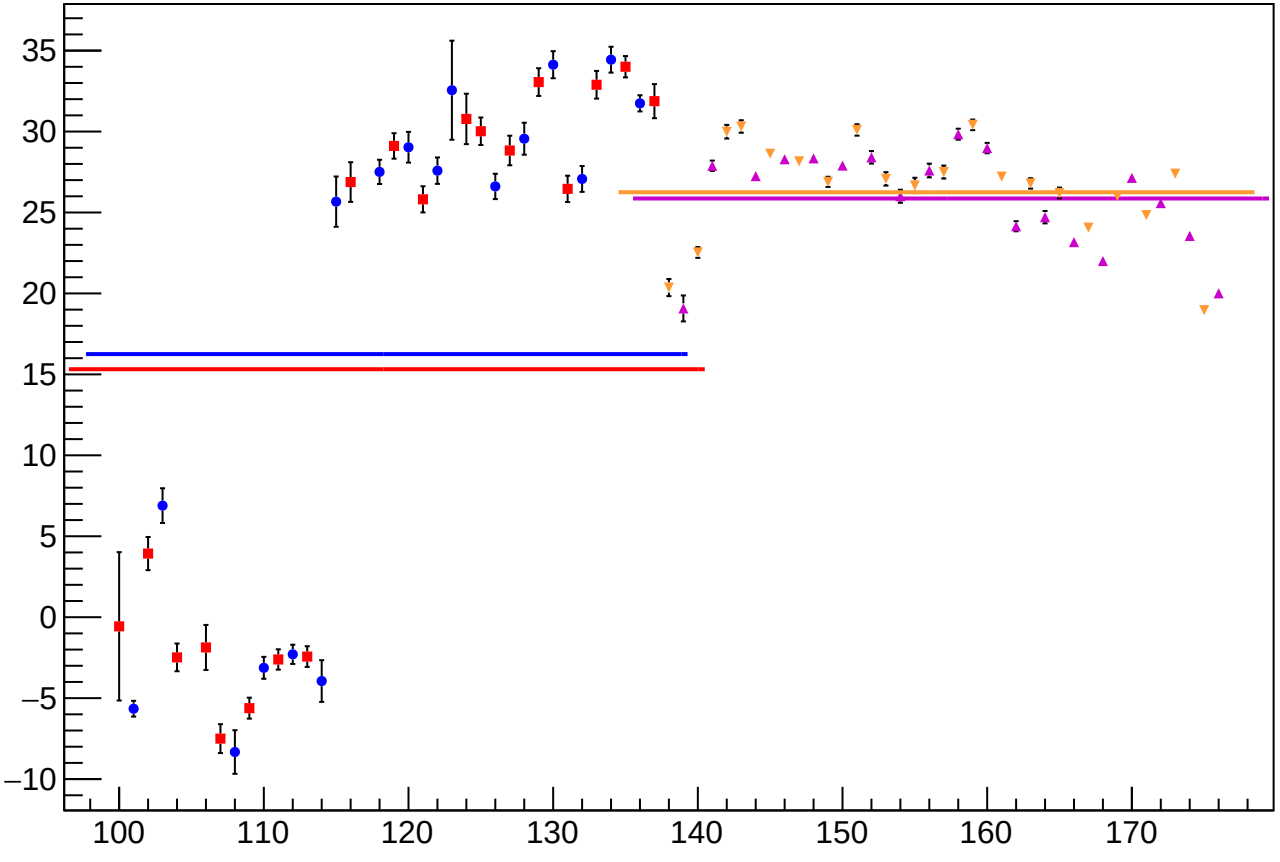
Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -25.487+/-0.078 χ^2/NDF:11036.7/35

Out: -26.123+/-0.080 χ^2/NDF:10477.6/38

All: -25.798+/-0.056 χ^2/NDF: 21546.8/74

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 26.250+/-0.070 χ^2/NDF:1836.3/19

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 25.864+/-0.070 χ^2/NDF:1575.7/18

Left: 26.055+/-0.049 χ^2/NDF: 3427.2/38

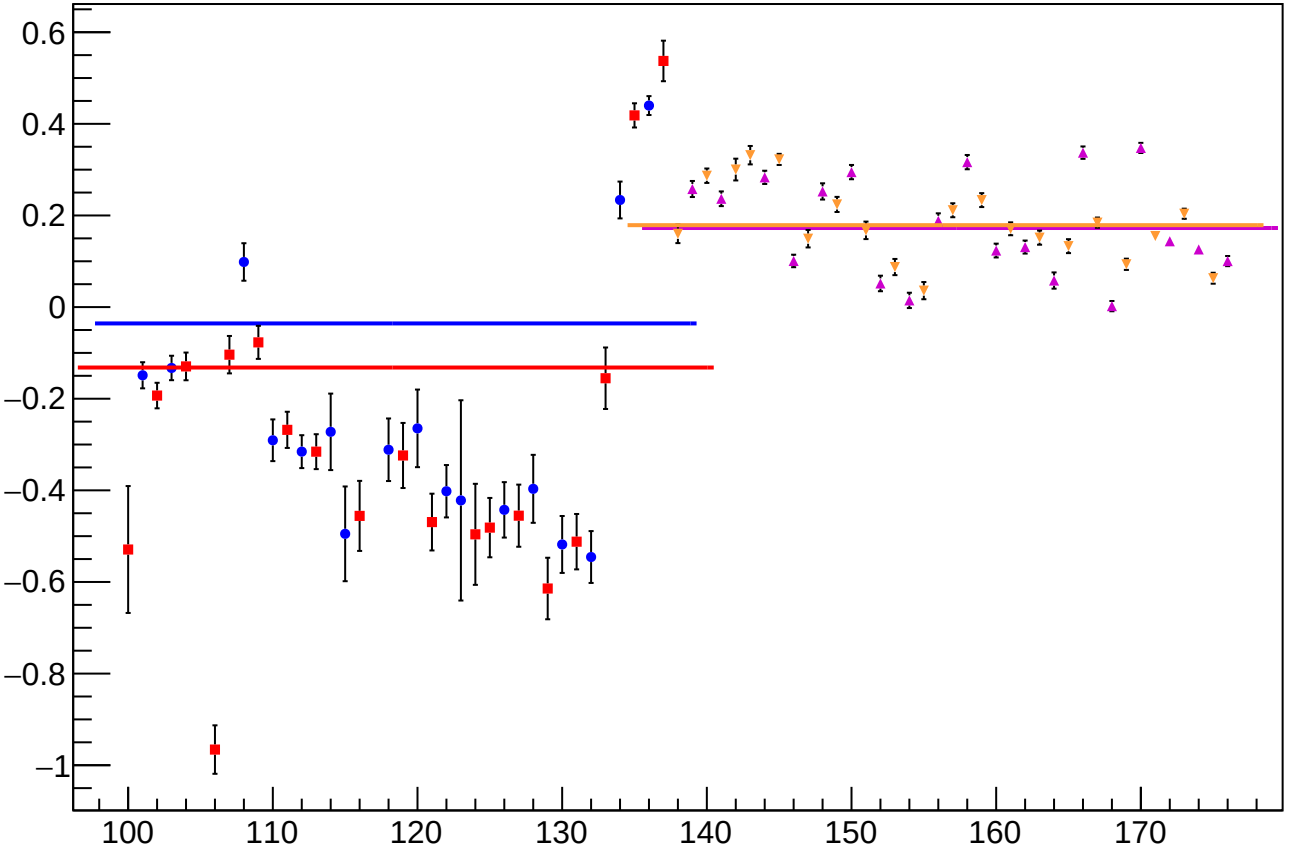
Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 24.736+/-0.065 χ^2/NDF:11421.1/35

Out: 25.015+/-0.066 χ^2/NDF:11848.2/38

All: 24.873+/-0.047 χ^2/NDF: 23278.2/74

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.036+/-0.010 χ^2/NDF: 1014.5/16

Left Out: 0.179+/-0.003 χ^2/NDF:549.1/19

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.173+/-0.003 χ^2/NDF:1193.4/18

Left: 0.176+/-0.002 χ^2/NDF: 1744.3/38

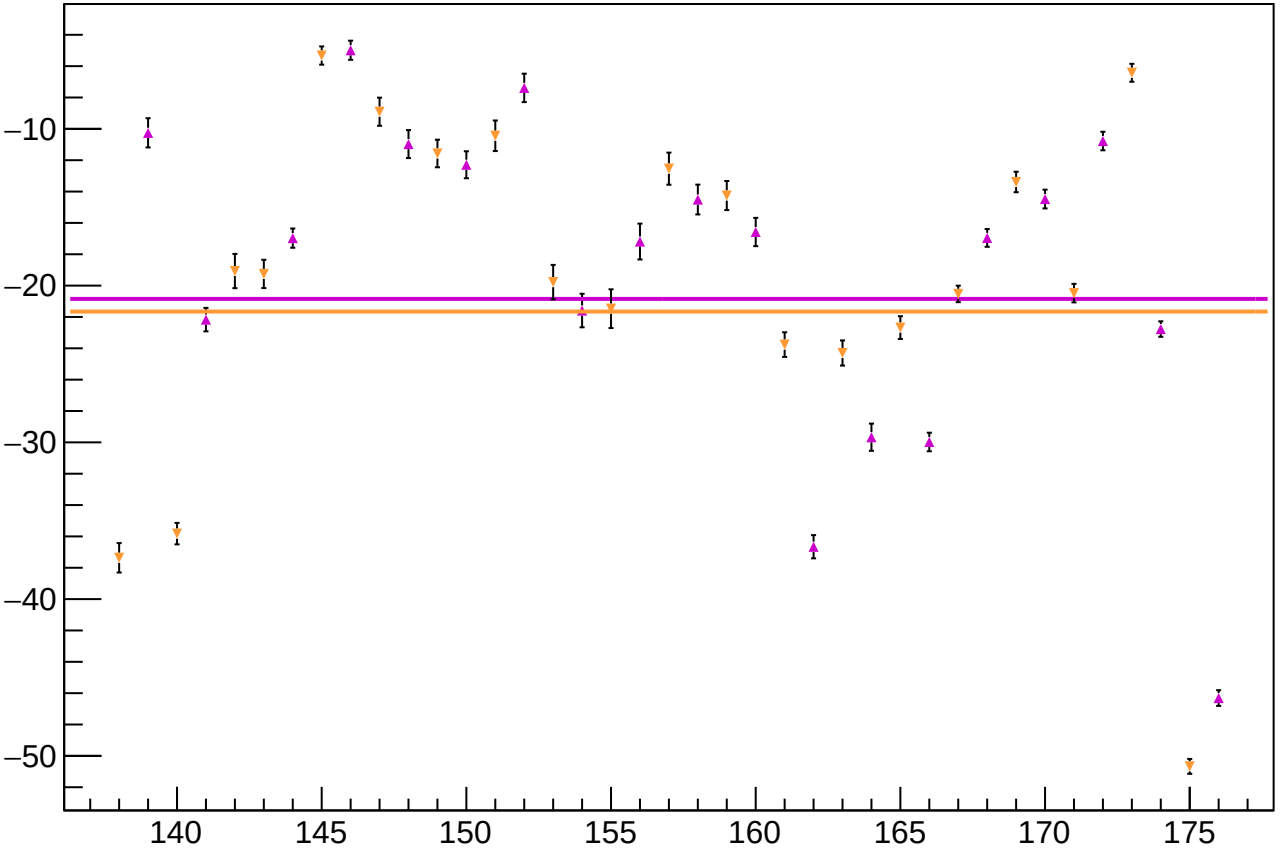
Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.155+/-0.003 χ^2/NDF:2580.6/35

Out: 0.151+/-0.003 χ^2/NDF:2538.7/38

All: 0.153+/-0.002 χ^2/NDF: 5120.2/74

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -21.655+/-0.165 χ^2/NDF:6757.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -20.848+/-0.160 χ^2/NDF:5213.8/18

Left: -21.241+/-0.115 χ^2/NDF: 11983.3/38

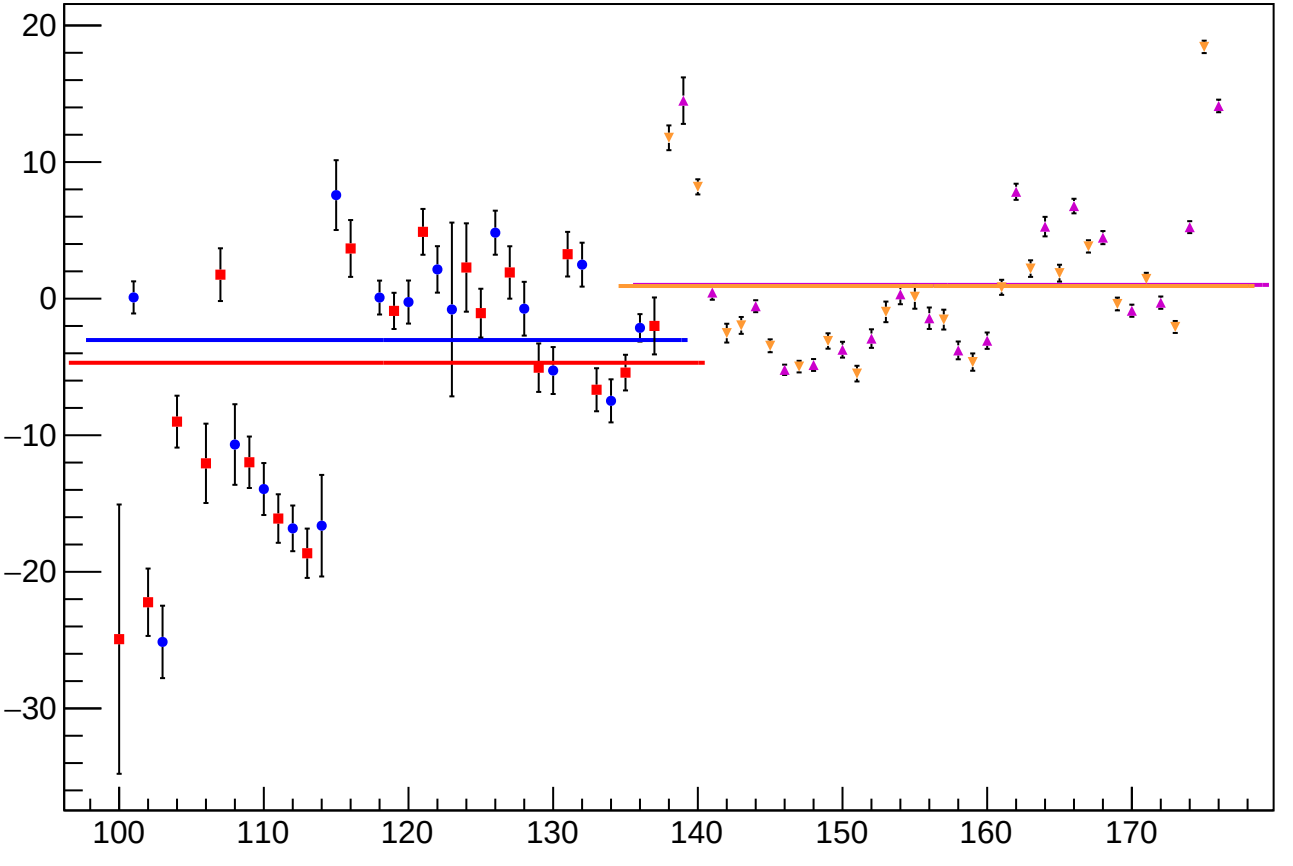
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -20.848+/-0.160 χ^2/NDF:5213.8/18

Out: -21.655+/-0.165 χ^2/NDF:6757.2/19

All: -21.241+/-0.115 χ^2/NDF: 11983.3/38

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.030+/-0.408 χ^2/NDF: 280.8/16

Left Out: 0.925+/-0.123 χ^2/NDF:2495.2/19

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: 1.008+/-0.121 χ^2/NDF:2002.8/18

Left: 0.967+/-0.086 χ^2/NDF: 4498.2/38

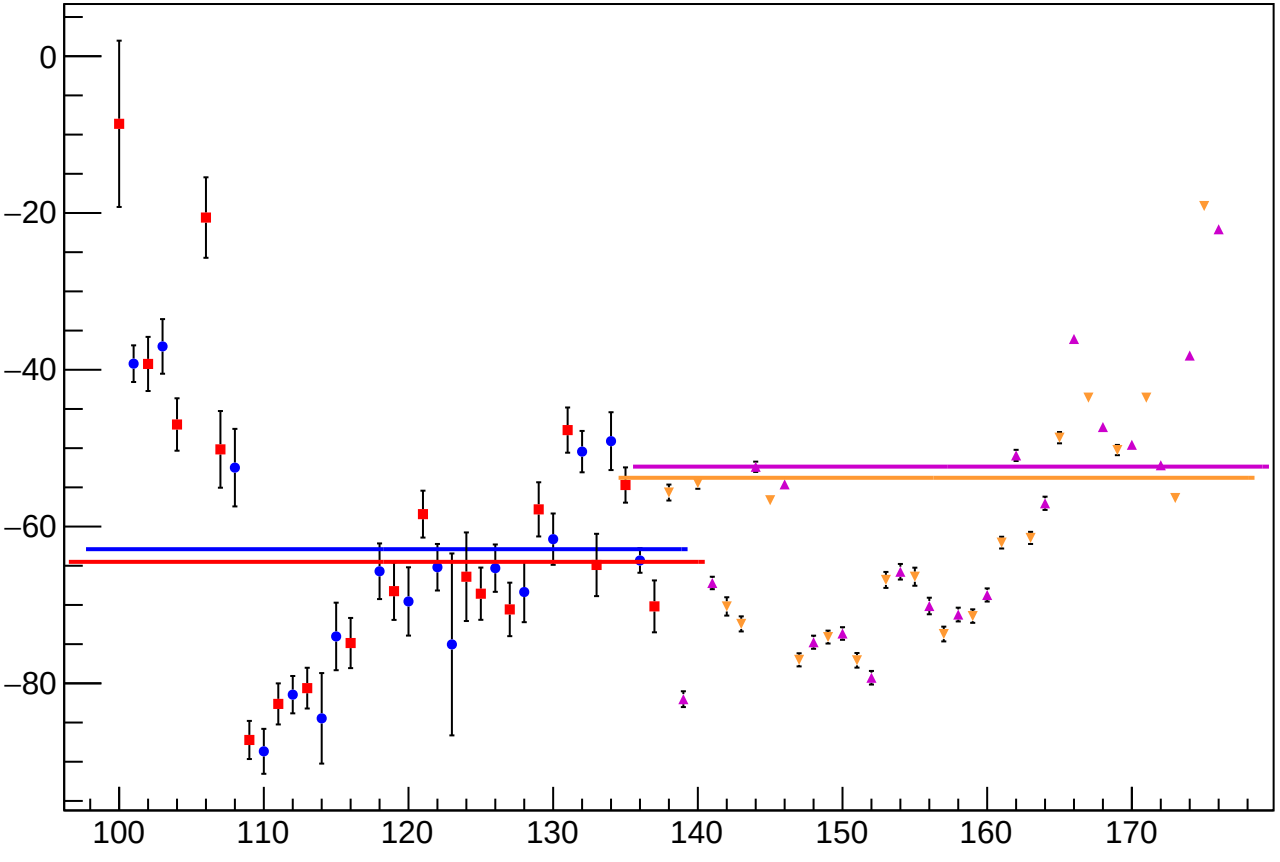
Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: 0.678+/-0.116 χ^2/NDF:2373.7/35

Out: 0.493+/-0.118 χ^2/NDF:2953.6/38

All: 0.587+/-0.083 χ^2/NDF: 5328.5/74

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.887+/-0.738 χ^2/NDF: 368.7/16

Left Out: -53.779+/-0.165 χ^2/NDF:10035.6/19

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -52.354+/-0.160 χ^2/NDF:10203.2/18

Left: -53.046+/-0.115 χ^2/NDF: 20277.1/38

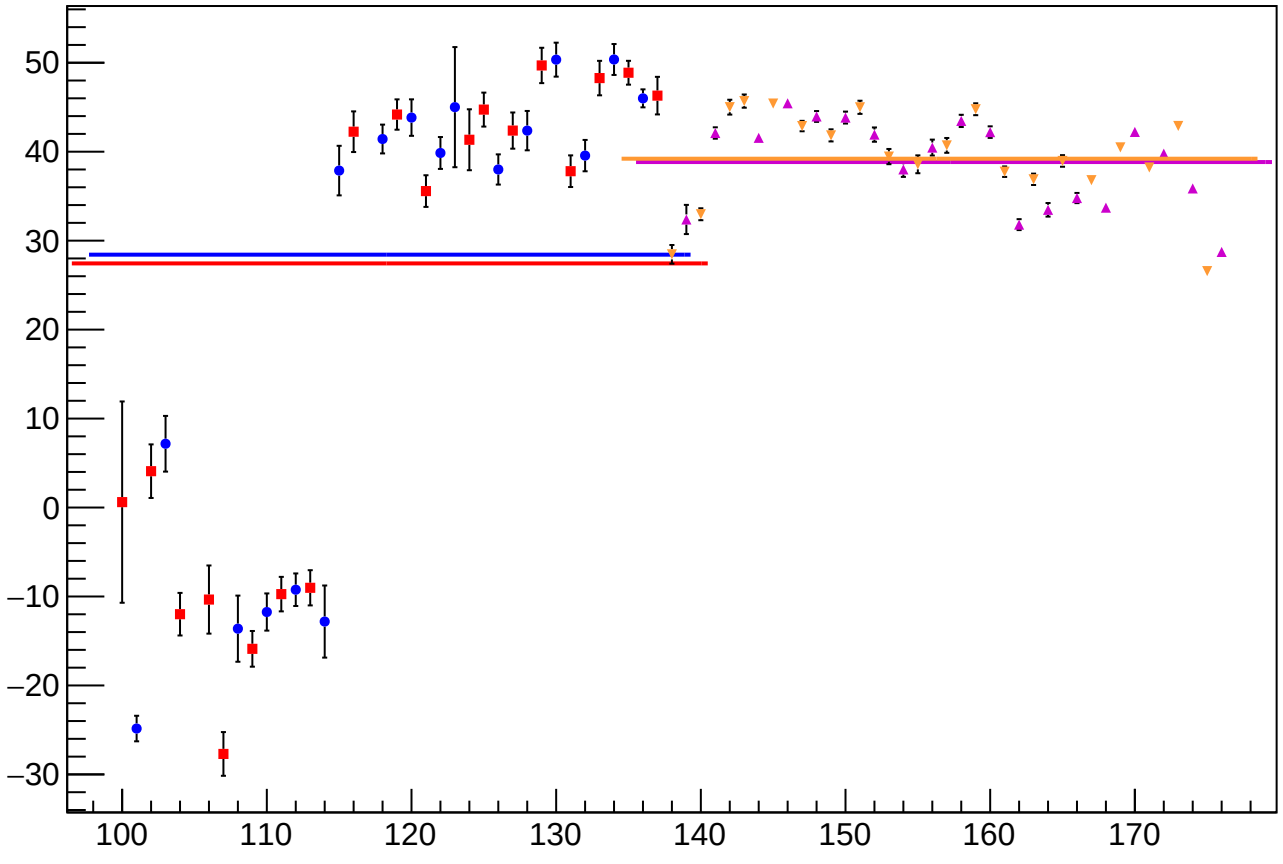
Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -52.829+/-0.157 χ^2/NDF:10766.5/35

Out: -54.272+/-0.161 χ^2/NDF:10674.0/38

All: -53.530+/-0.112 χ^2/NDF: 21481.7/74

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425+/-0.457 χ^2/NDF: 3330.3/16

Left Out: 39.212+/-0.140 χ^2/NDF:1445.4/19

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 38.836+/-0.138 χ^2/NDF:1301.7/18

Left: 39.021+/-0.098 χ^2/NDF: 2750.7/38

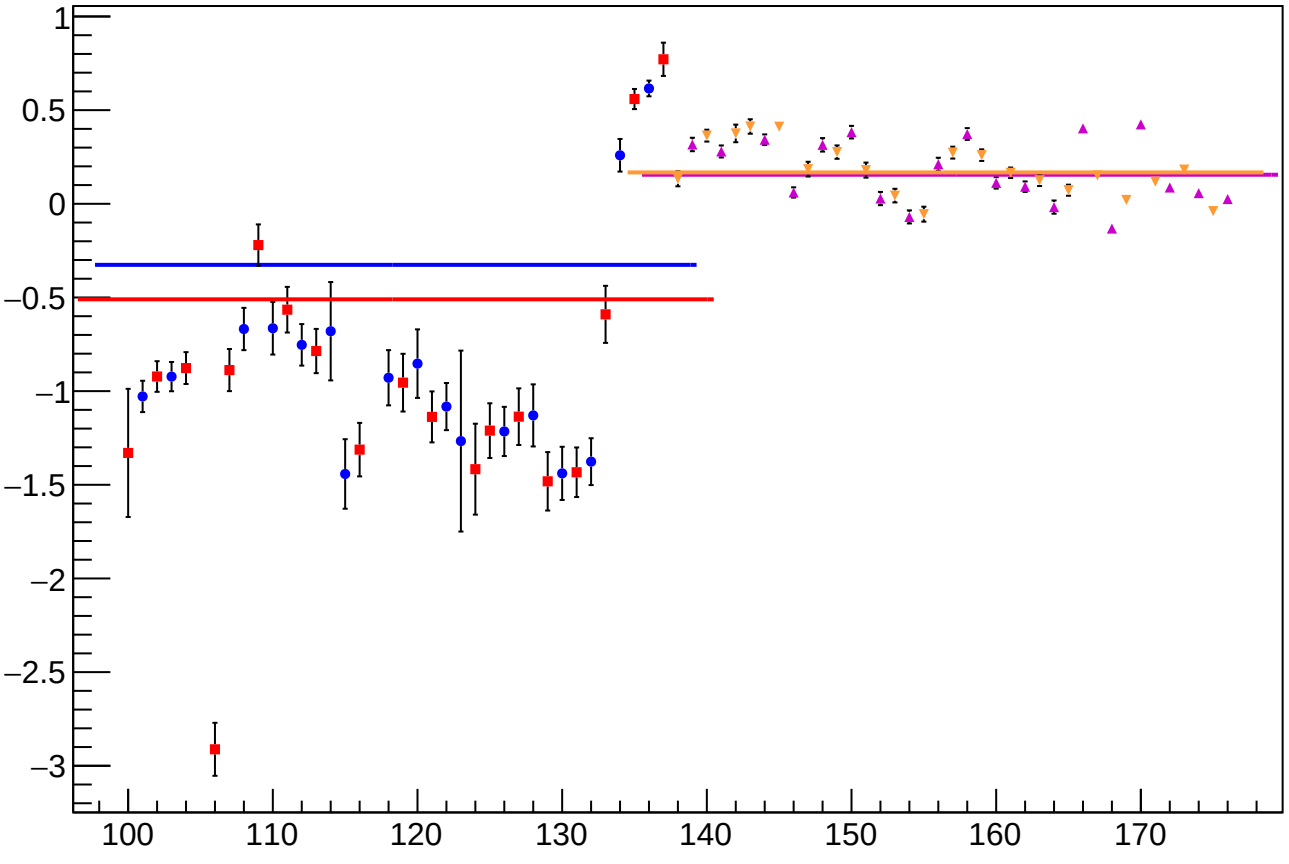
Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 37.962+/-0.132 χ^2/NDF:5107.2/35

Out: 38.283+/-0.134 χ^2/NDF:5035.4/38

All: 38.120+/-0.094 χ^2/NDF: 10145.5/74

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326+/-0.025 χ^2/NDF: 1013.0/16

Left Out: 0.168+/-0.007 χ^2/NDF:410.7/19

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.155+/-0.006 χ^2/NDF:776.8/18

Left: 0.161+/-0.005 χ^2/NDF: 1189.4/38

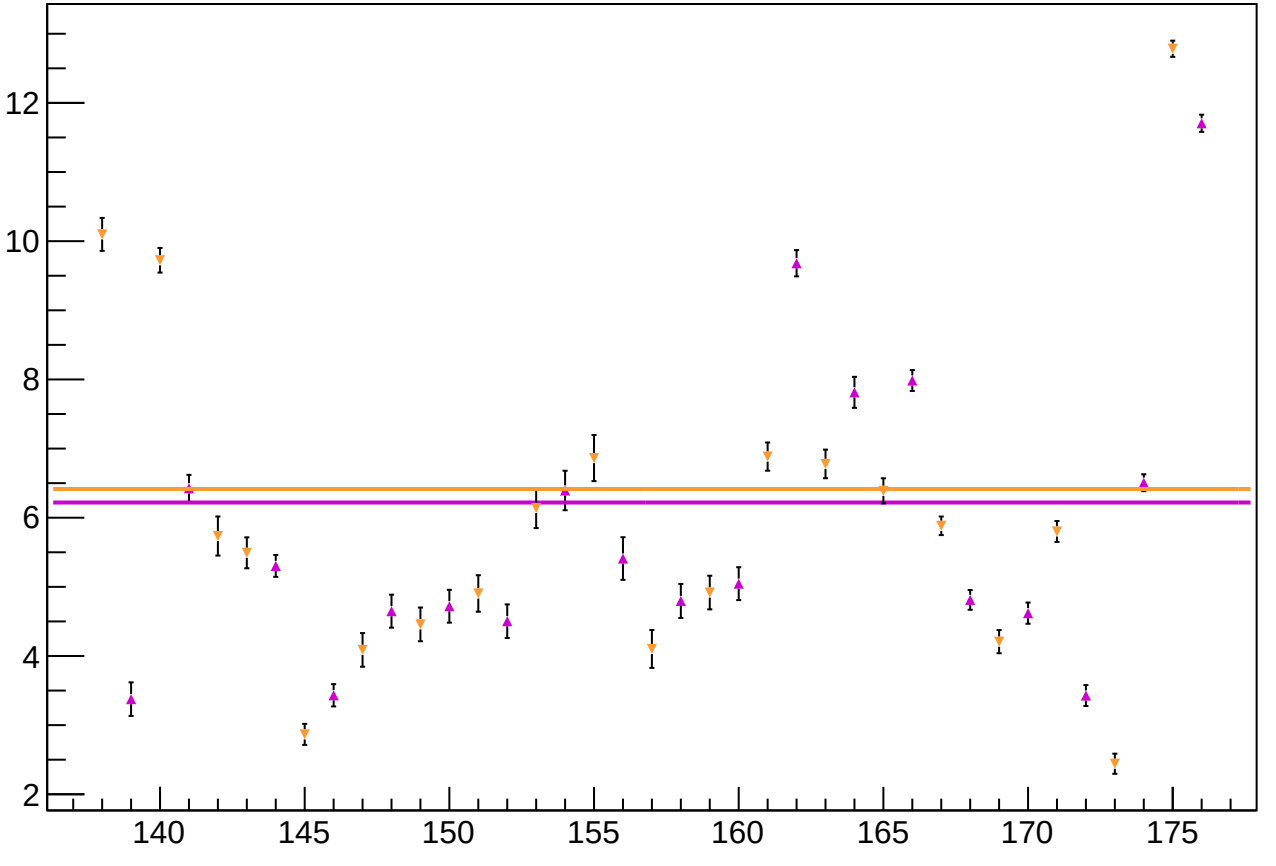
Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.126+/-0.006 χ^2/NDF:2140.6/35

Out: 0.127+/-0.006 χ^2/NDF:2233.0/38

All: 0.126+/-0.004 χ^2/NDF: 4373.6/74

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: 6.416+/-0.042 χ^2/NDF:5365.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 6.220+/-0.041 χ^2/NDF:3693.8/18

Left: 6.315+/-0.030 χ^2/NDF: 9070.7/38

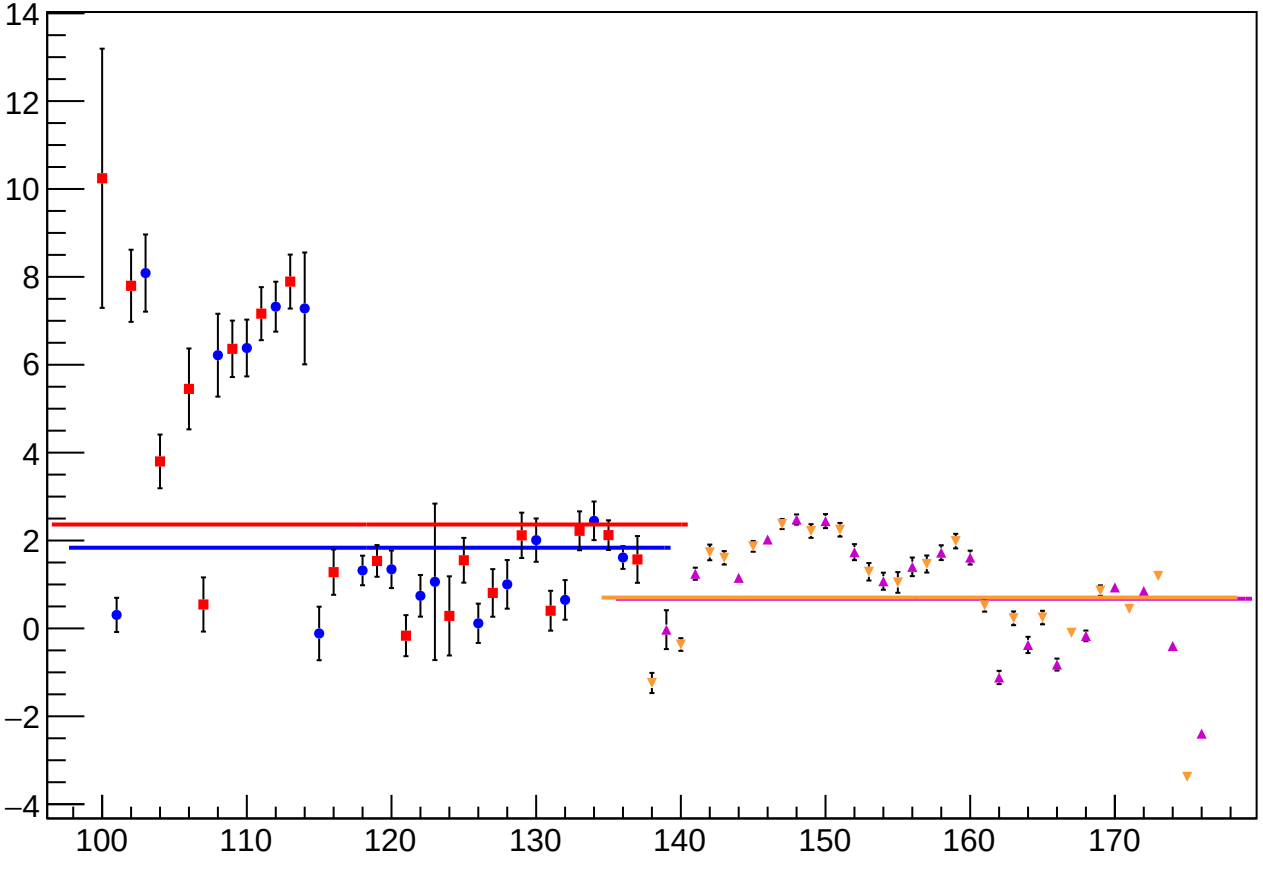
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 6.220+/-0.041 χ^2/NDF:3693.8/18

Out: 6.416+/-0.042 χ^2/NDF:5365.9/19

All: 6.315+/-0.030 χ^2/NDF: 9070.7/38

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: 0.702+/-0.032 χ^2/NDF:2189.3/19

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 0.675+/-0.031 χ^2/NDF:1882.2/18

Left: 0.688+/-0.022 χ^2/NDF: 4071.9/38

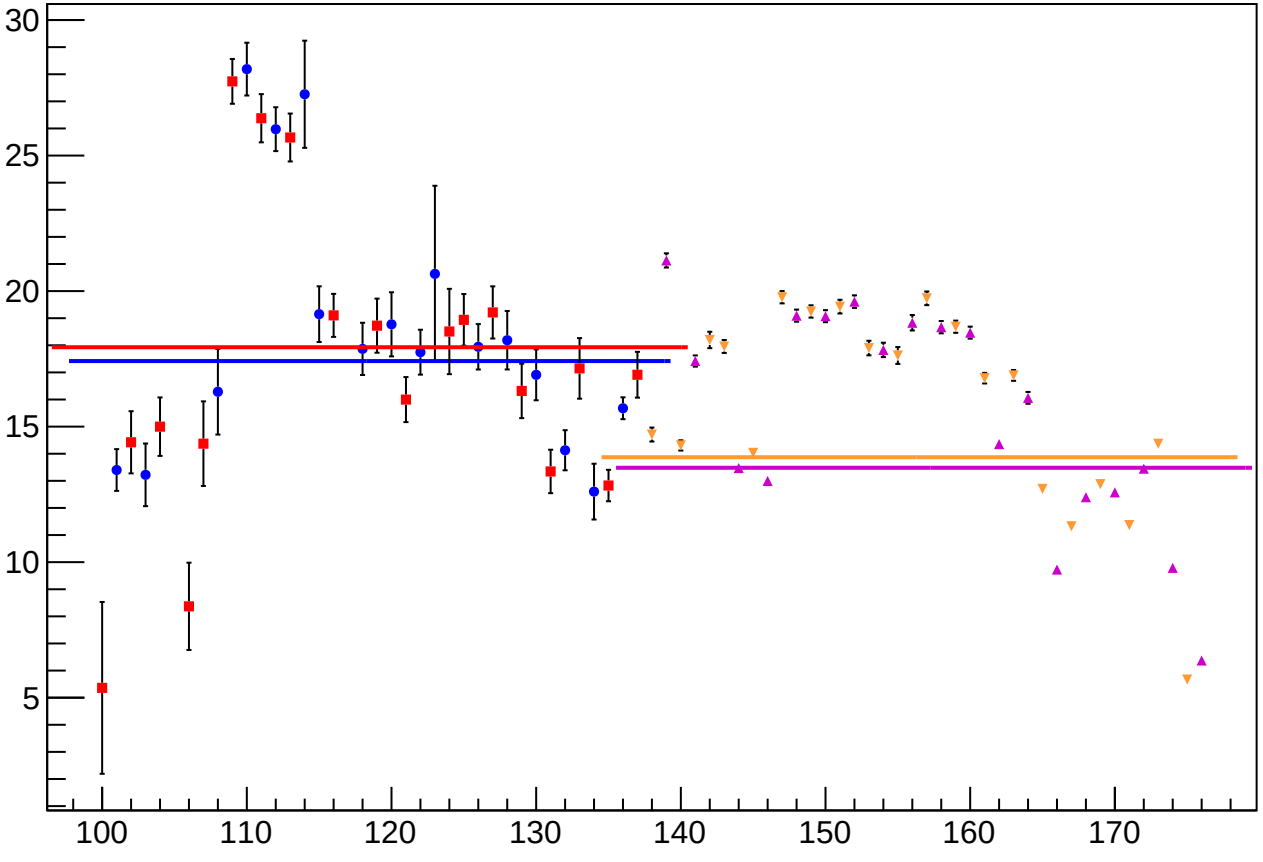
Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 0.754+/-0.030 χ^2/NDF:2270.4/35

Out: 0.807+/-0.031 χ^2/NDF:2698.0/38

All: 0.780+/-0.022 χ^2/NDF: 4969.8/74

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 13.871+/-0.043 χ^2/NDF:9629.6/19

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 13.482+/-0.041 χ^2/NDF:9792.6/18

Left: 13.671+/-0.030 χ^2/NDF: 19465.5/38

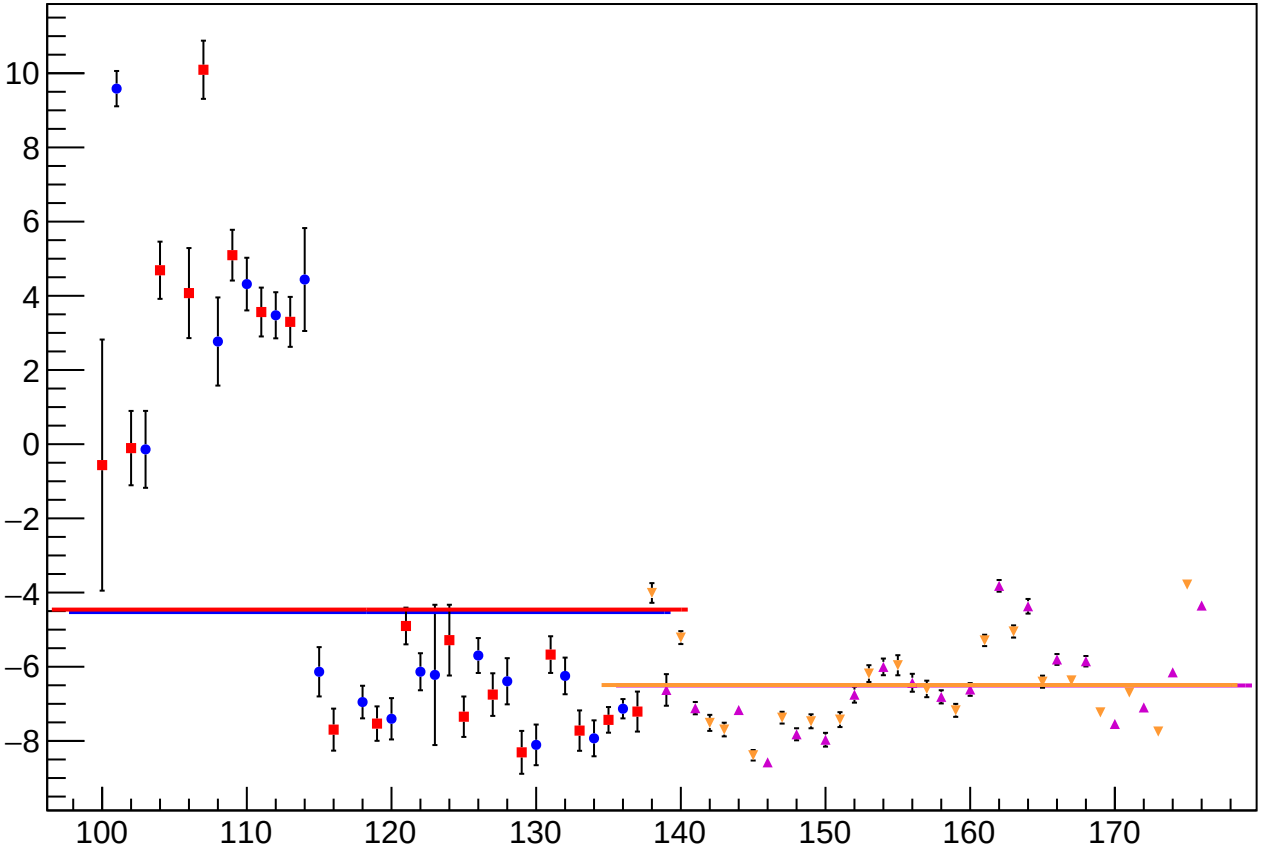
Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 13.626+/-0.040 χ^2/NDF:10492.5/35

Out: 14.019+/-0.042 χ^2/NDF:10467.1/38

All: 13.816+/-0.029 χ^2/NDF: 21005.2/74

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.526+/-0.130 χ^2/NDF: 1590.2/16

Left Out: -6.493+/-0.036 χ^2/NDF:1292.5/19

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -6.505+/-0.036 χ^2/NDF:1314.3/18

Left: -6.499+/-0.025 χ^2/NDF: 2606.8/38

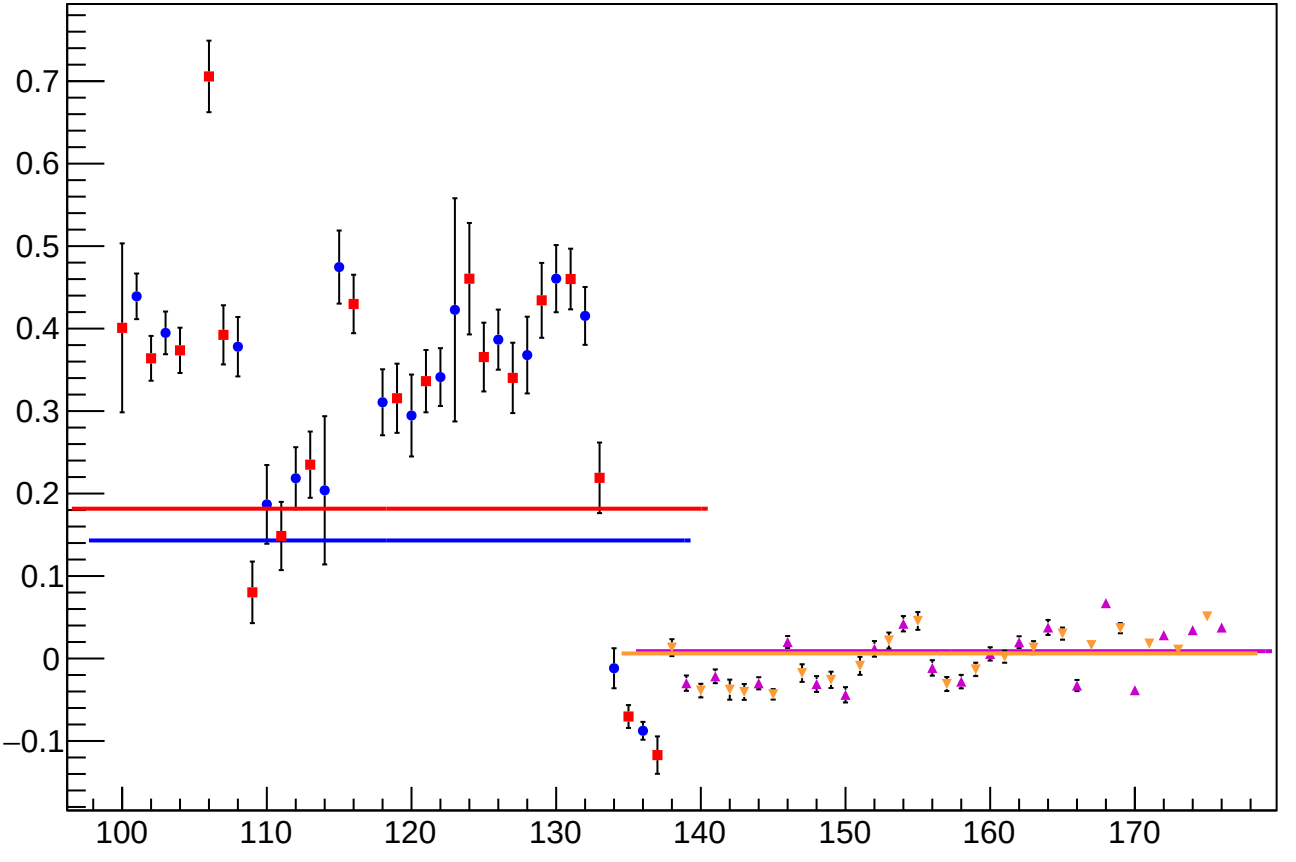
Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -6.366+/-0.034 χ^2/NDF:3121.5/35

Out: -6.361+/-0.035 χ^2/NDF:2837.6/38

All: -6.363+/-0.025 χ^2/NDF: 5959.2/74

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143+/-0.007 χ^2/NDF: 1060.4/16

Left Out: 0.006+/-0.002 χ^2/NDF:294.7/19

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: 0.009+/-0.002 χ^2/NDF:452.3/18

Left: 0.008+/-0.001 χ^2/NDF: 748.4/38

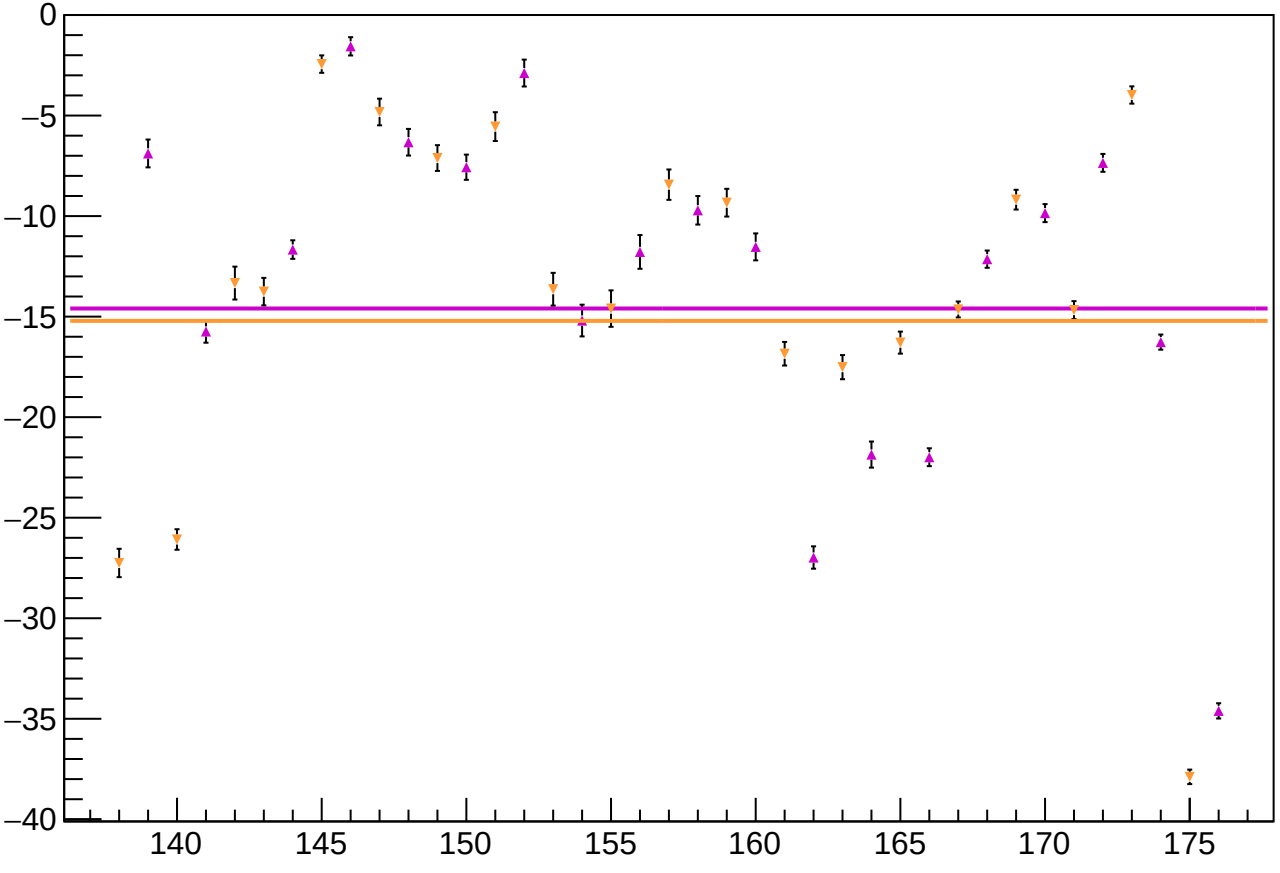
Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.016+/-0.002 χ^2/NDF:1856.9/35

Out: 0.015+/-0.002 χ^2/NDF:1839.3/38

All: 0.015+/-0.001 χ^2/NDF: 3696.4/74

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -15.211+/-0.123 χ^2/NDF:7185.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -14.596+/-0.120 χ^2/NDF:5767.9/18

Left: -14.895+/-0.086 χ^2/NDF: 12966.0/38

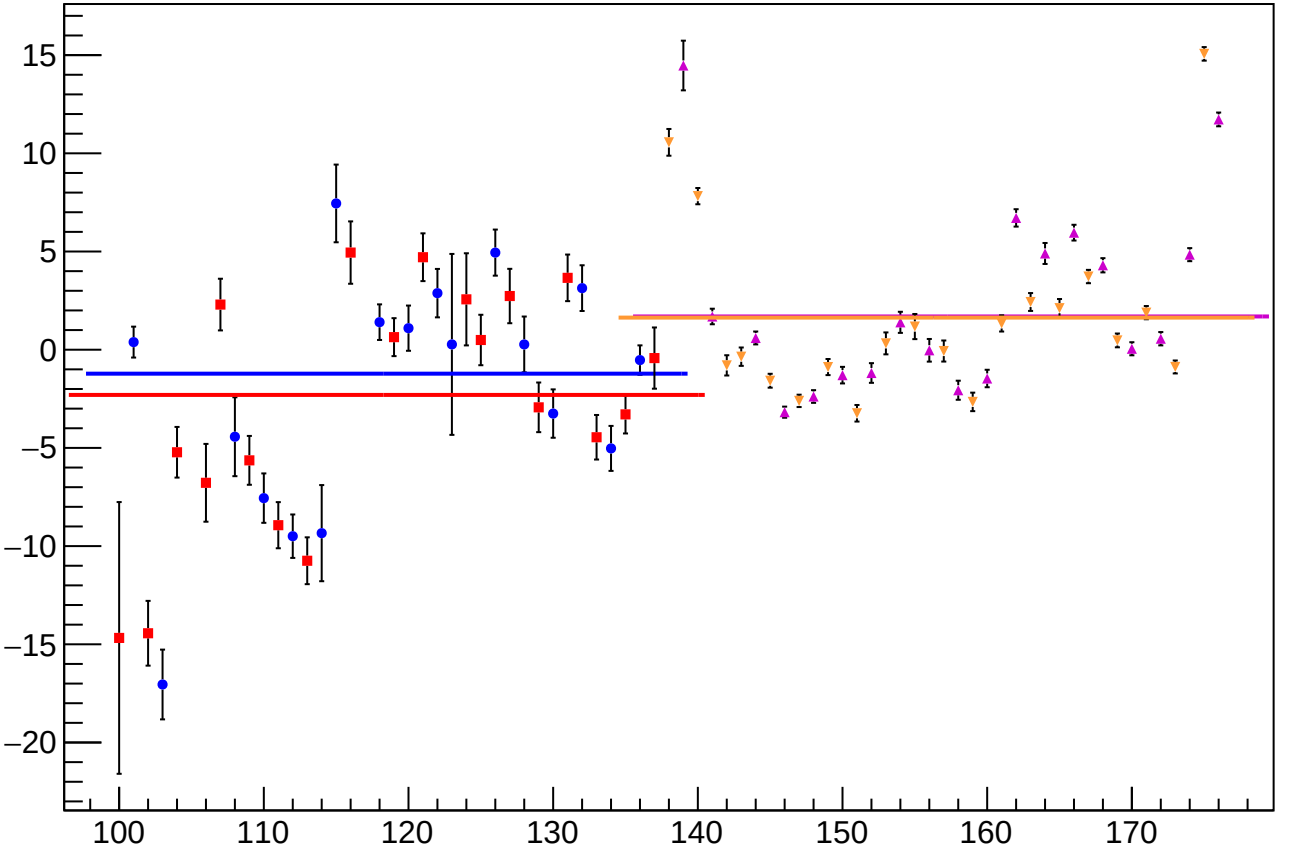
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.596+/-0.120 χ^2/NDF:5767.9/18

Out: -15.211+/-0.123 χ^2/NDF:7185.3/19

All: -14.895+/-0.086 χ^2/NDF: 12966.0/38

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 1.635+/-0.092 χ^2/NDF:2590.9/19

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: 1.693+/-0.091 χ^2/NDF:2045.6/18

Left: 1.664+/-0.065 χ^2/NDF: 4636.7/38

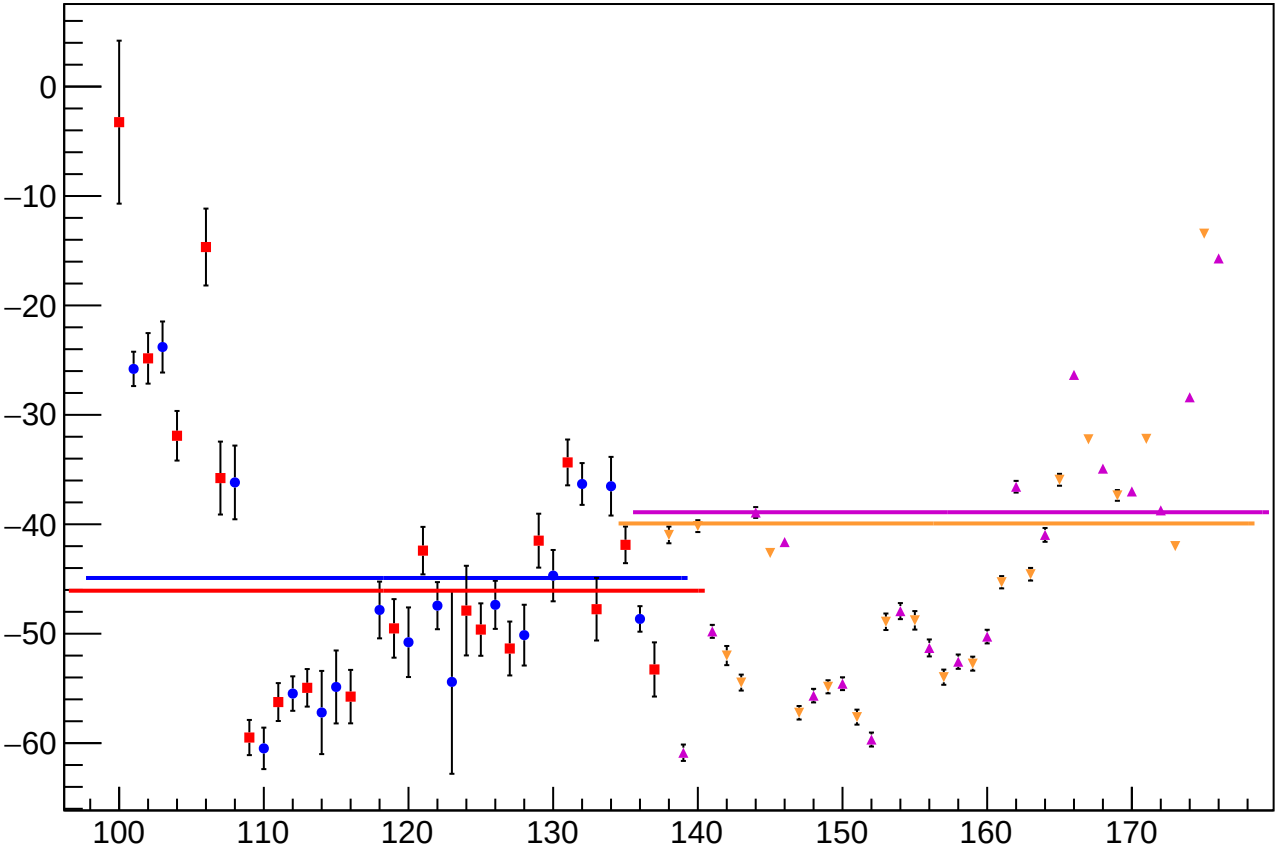
Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: 1.432+/-0.087 χ^2/NDF:2416.1/35

Out: 1.301+/-0.088 χ^2/NDF:3032.2/38

All: 1.368+/-0.062 χ^2/NDF: 5449.4/74

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.908+/-0.523 χ^2/NDF: 421.2/16

Left Out: -39.925+/-0.123 χ^2/NDF:10048.1/19

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -38.899+/-0.120 χ^2/NDF:10280.7/18

Left: -39.398+/-0.086 χ^2/NDF: 20364.3/38

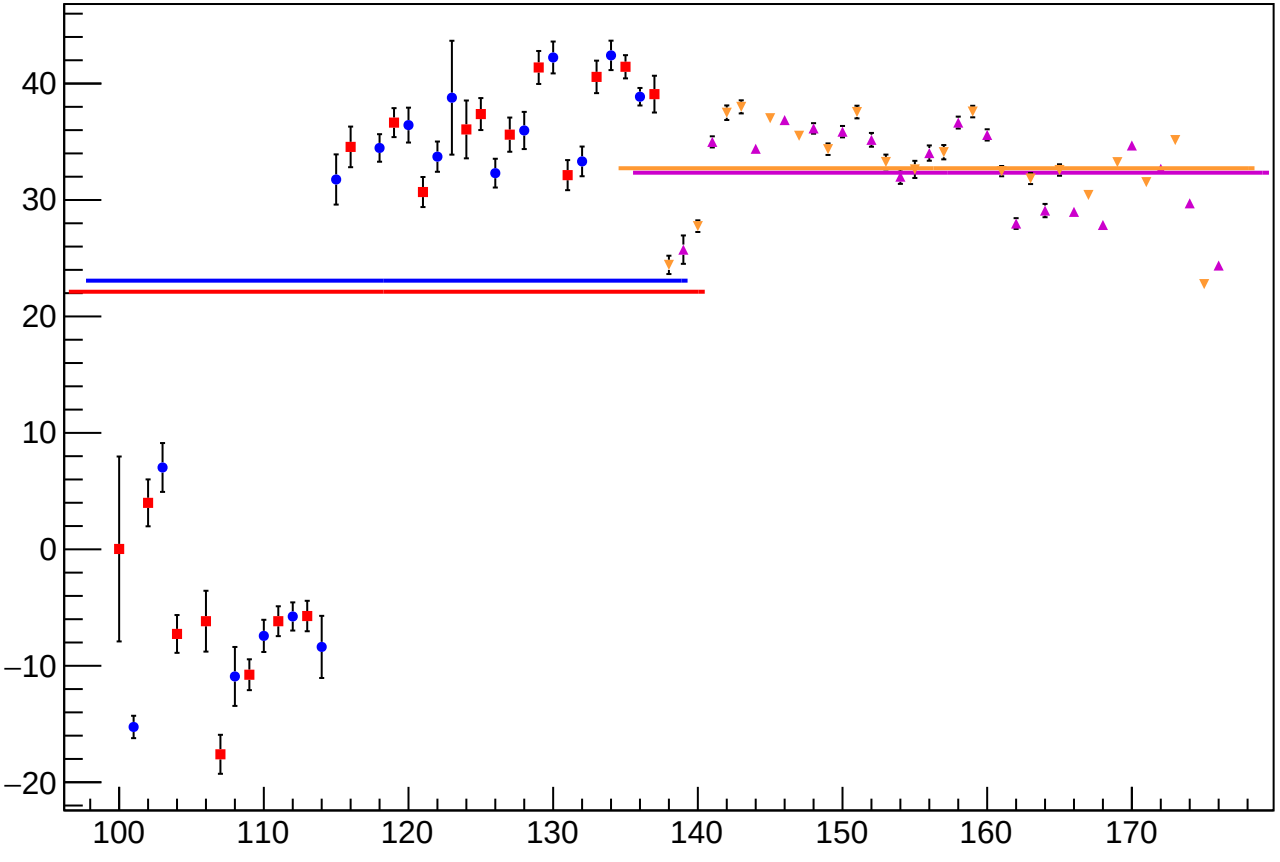
Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -39.200+/-0.117 χ^2/NDF:10827.5/35

Out: -40.244+/-0.120 χ^2/NDF:10630.4/38

All: -39.708+/-0.084 χ^2/NDF: 21496.6/74

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 32.727+/-0.105 χ^2/NDF:1549.9/19

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 32.344+/-0.104 χ^2/NDF:1360.4/18

Left: 32.533+/-0.074 χ^2/NDF: 2917.1/38

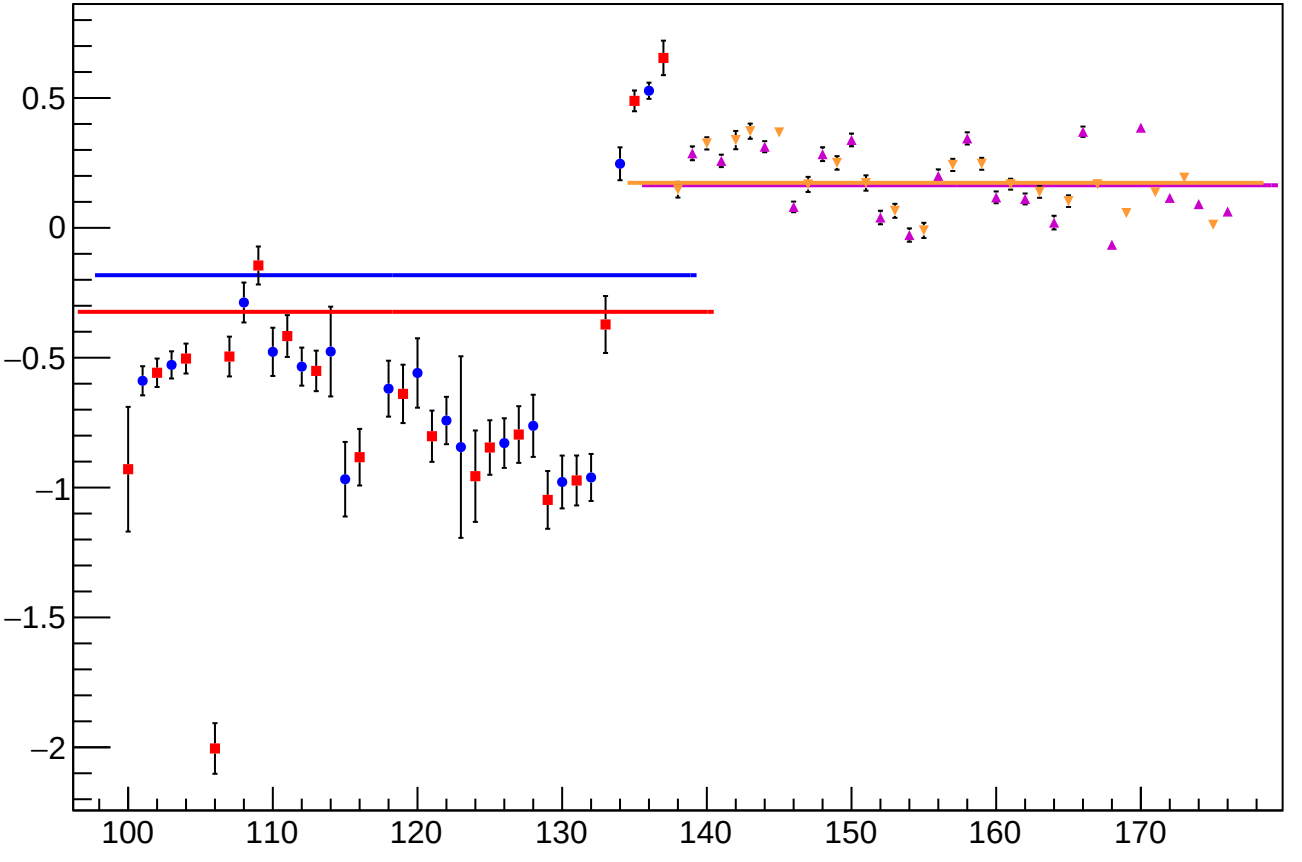
Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 31.494+/-0.099 χ^2/NDF:6440.9/35

Out: 31.807+/-0.100 χ^2/NDF:6473.4/38

All: 31.648+/-0.070 χ^2/NDF: 12919.3/74

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182+/-0.018 χ^2/NDF: 998.1/16

Left Out: 0.173+/-0.005 χ^2/NDF:455.4/19

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.164+/-0.005 χ^2/NDF:908.6/18

Left: 0.169+/-0.003 χ^2/NDF: 1366.0/38

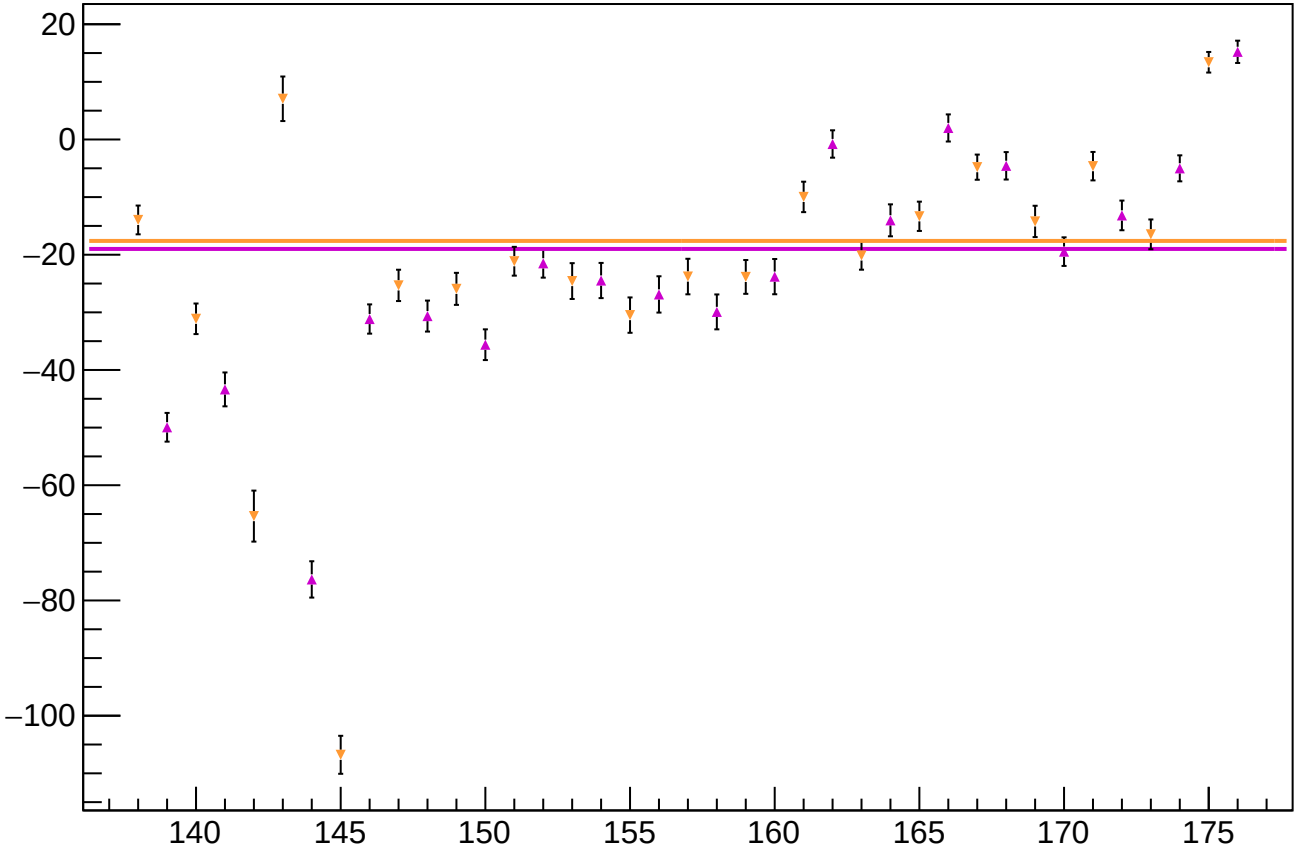
Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.141+/-0.005 χ^2/NDF:2263.1/35

Out: 0.140+/-0.005 χ^2/NDF:2337.6/38

All: 0.141+/-0.003 χ^2/NDF: 4600.7/74

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -17.604+/-0.597 χ^2/NDF:1343.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -18.996+/-0.594 χ^2/NDF:1194.7/18

Left: -18.304+/-0.421 χ^2/NDF: 2541.4/38

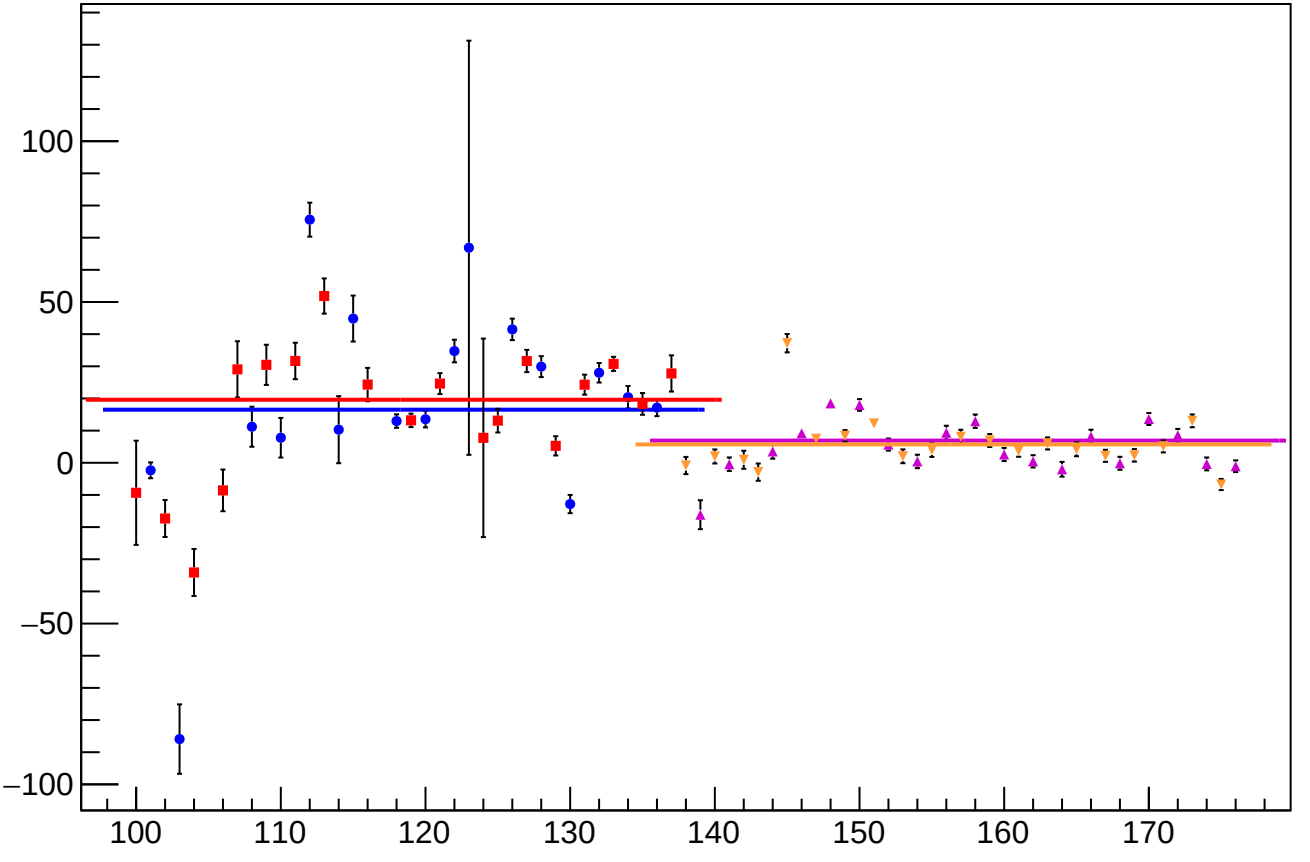
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.996+/-0.594 χ^2/NDF:1194.7/18

Out: -17.604+/-0.597 χ^2/NDF:1343.9/19

All: -18.304+/-0.421 χ^2/NDF: 2541.4/38

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 5.703+/-0.438 χ^2/NDF:247.6/19

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 6.904+/-0.446 χ^2/NDF:268.5/18

Left: 6.293+/-0.312 χ^2/NDF: 519.8/38

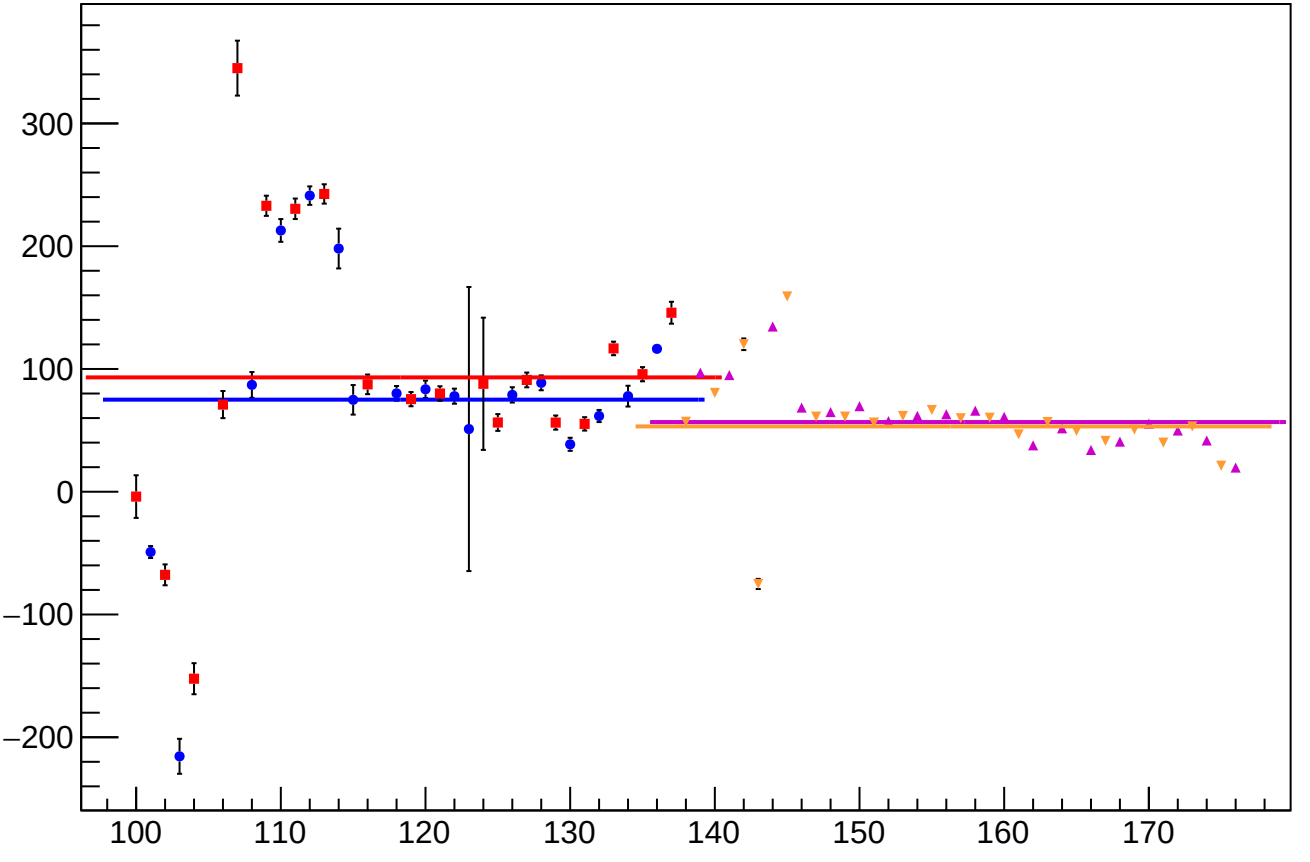
Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 8.986+/-0.394 χ^2/NDF:888.9/35

Out: 8.370+/-0.394 χ^2/NDF:683.0/38

All: 8.677+/-0.279 χ^2/NDF: 1573.1/74

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 53.201+/-0.590 χ^2/NDF:2672.0/19

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 56.767+/-0.587 χ^2/NDF:1612.6/18

Left: 54.995+/-0.416 χ^2/NDF: 4303.0/38

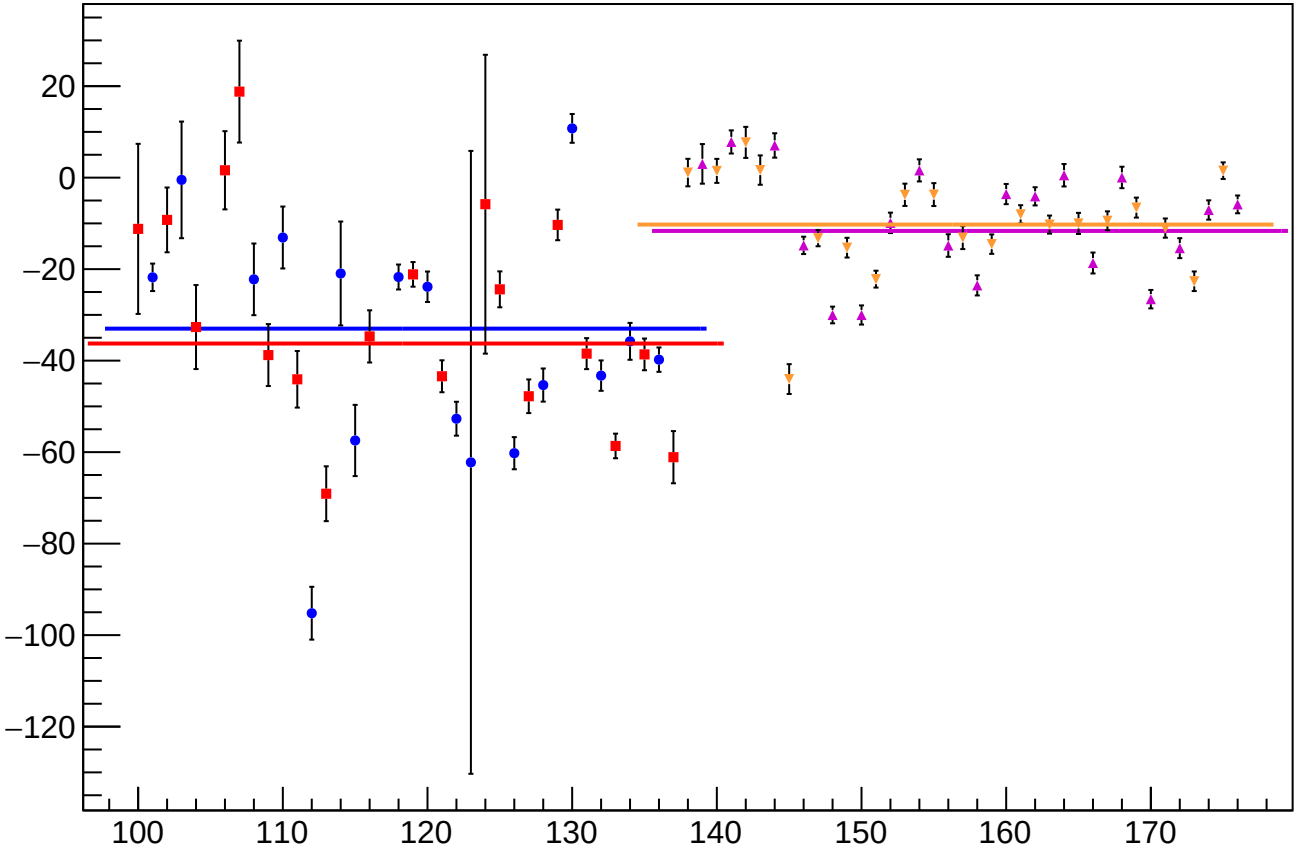
Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 58.847+/-0.552 χ^2/NDF:3722.1/35

Out: 57.451+/-0.558 χ^2/NDF:5161.1/38

All: 58.156+/-0.393 χ^2/NDF: 8886.4/74

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -10.256+/-0.503 χ^2/NDF:333.1/19

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -11.649+/-0.510 χ^2/NDF:520.5/18

Left: -10.942+/-0.358 χ^2/NDF: 857.3/38

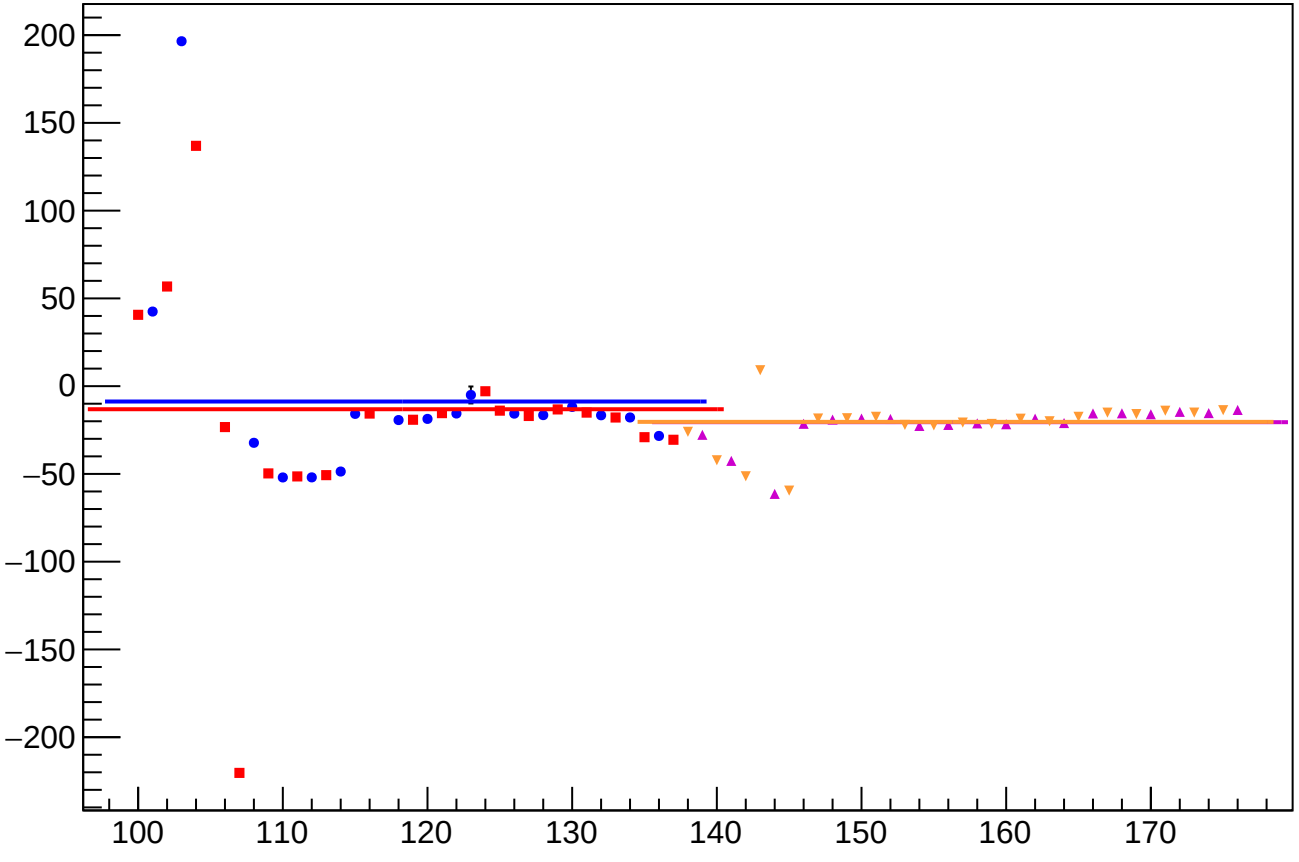
Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -16.263+/-0.452 χ^2/NDF:1392.2/35

Out: -15.293+/-0.451 χ^2/NDF:1148.8/38

All: -15.777+/-0.319 χ^2/NDF: 2543.3/74

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -20.344+/-0.023 χ^2/NDF:199609.6/19

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -20.527+/-0.023 χ^2/NDF:137542.4/18

Left: -20.437+/-0.016 χ^2/NDF: 337183.0/38

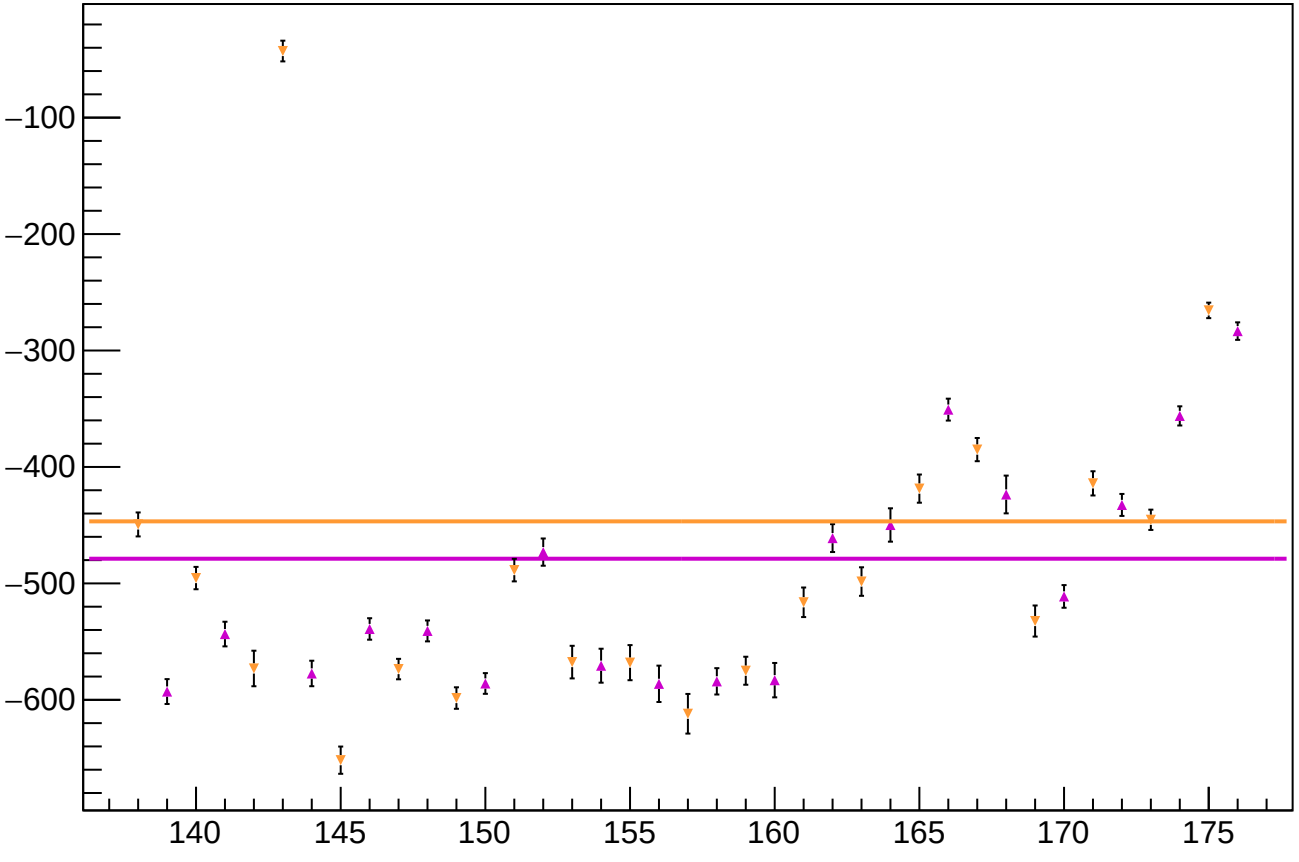
Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -18.973+/-0.021 χ^2/NDF:748364.6/35

Out: -19.443+/-0.022 χ^2/NDF:770142.1/38

All: -19.203+/-0.015 χ^2/NDF: 1518742.6/74

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -446.722+/-2.356 χ^2/NDF:4190.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -478.805+/-2.408 χ^2/NDF:1827.1/18

Left: -462.417+/-1.684 χ^2/NDF: 6108.2/38

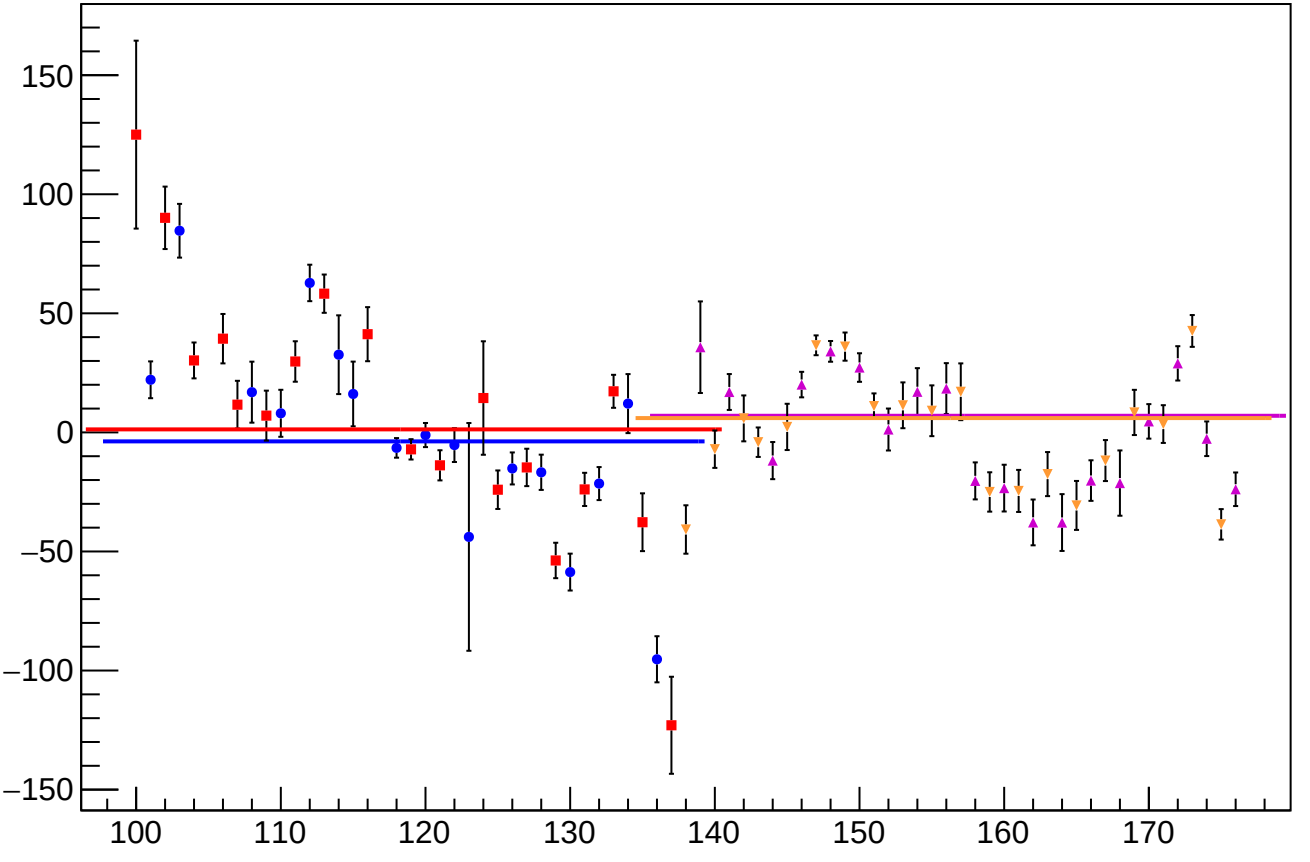
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -478.805+/-2.408 χ^2/NDF:1827.1/18

Out: -446.722+/-2.356 χ^2/NDF:4190.4/19

All: -462.417+/-1.684 χ^2/NDF: 6108.2/38

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 6.010+/-1.672 χ^2/NDF:237.0/19

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 6.978+/-1.754 χ^2/NDF:171.0/18

Left: 6.471+/-1.210 χ^2/NDF: 408.2/38

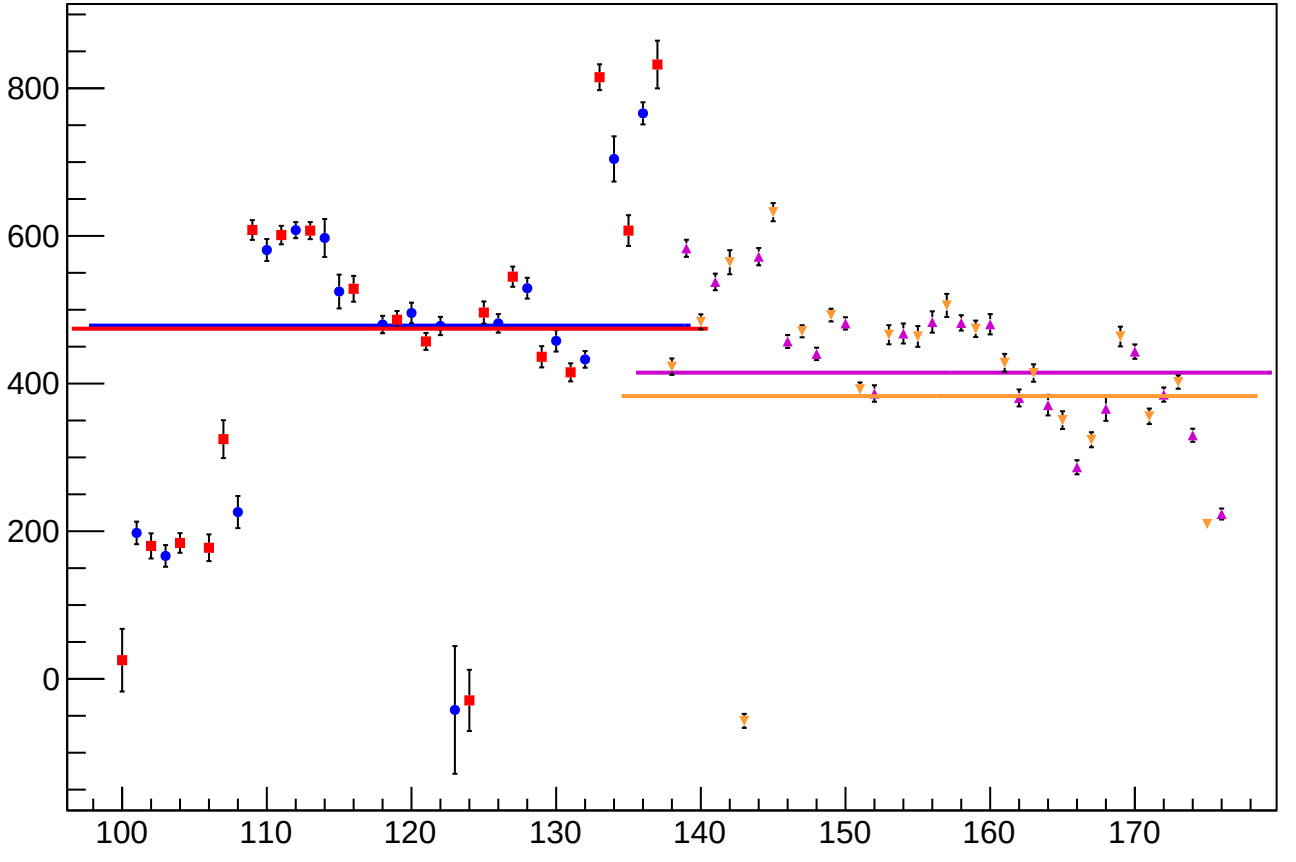
Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: 2.000+/-1.285 χ^2/NDF:502.7/35

Out: 3.964+/-1.261 χ^2/NDF:544.2/38

All: 3.000+/-0.900 χ^2/NDF: 1048.1/74

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 383.054+/-2.343 χ^2/NDF:4056.3/19

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 414.808+/-2.385 χ^2/NDF:1692.6/18

Left: 398.650+/-1.671 χ^2/NDF: 5839.1/38

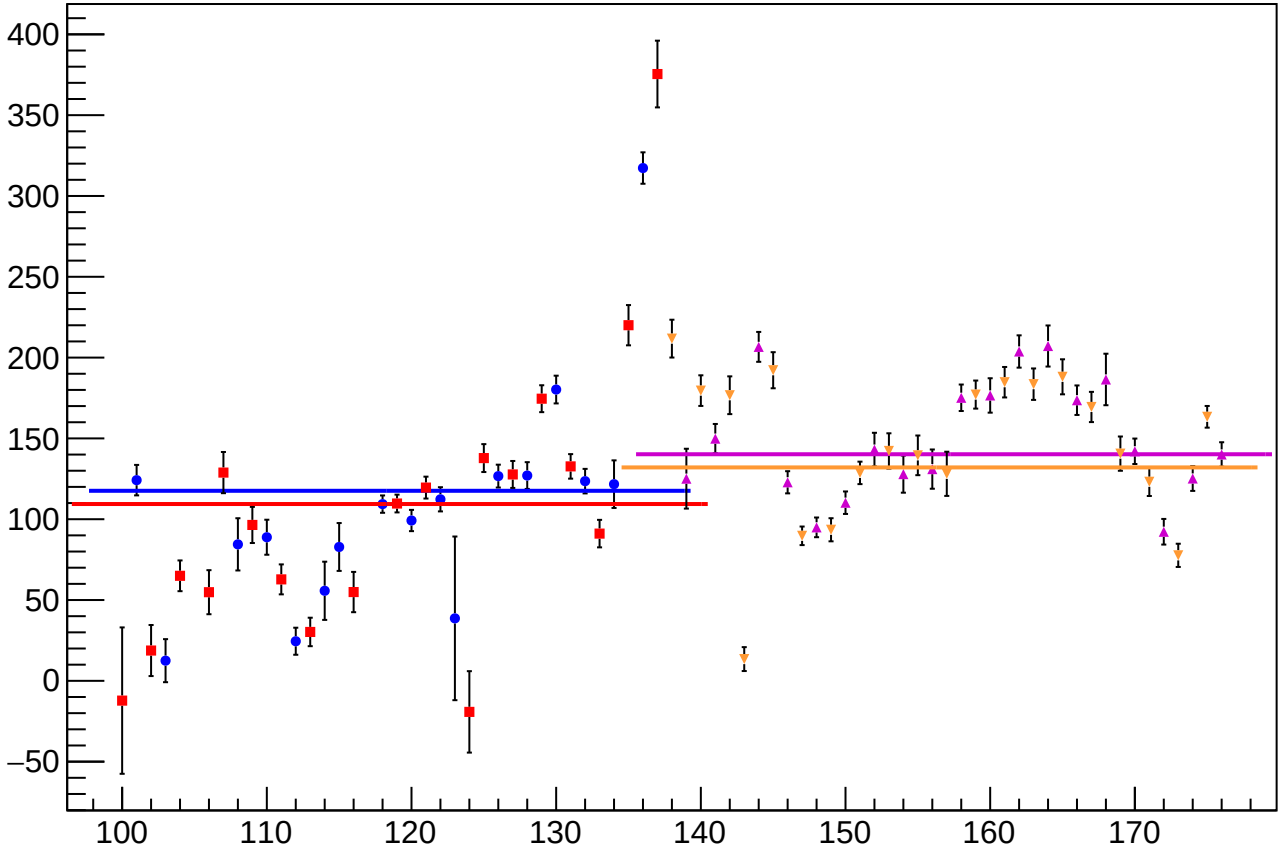
Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 434.015+/-1.993 χ^2/NDF:3536.8/35

Out: 410.932+/-1.952 χ^2/NDF:6807.0/38

All: 422.236+/-1.395 χ^2/NDF: 10412.3/74

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 132.050+/-1.956 χ^2/NDF:667.0/19

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 140.199+/-2.035 χ^2/NDF:295.7/18

Left: 135.963+/-1.410 χ^2/NDF: 971.1/38

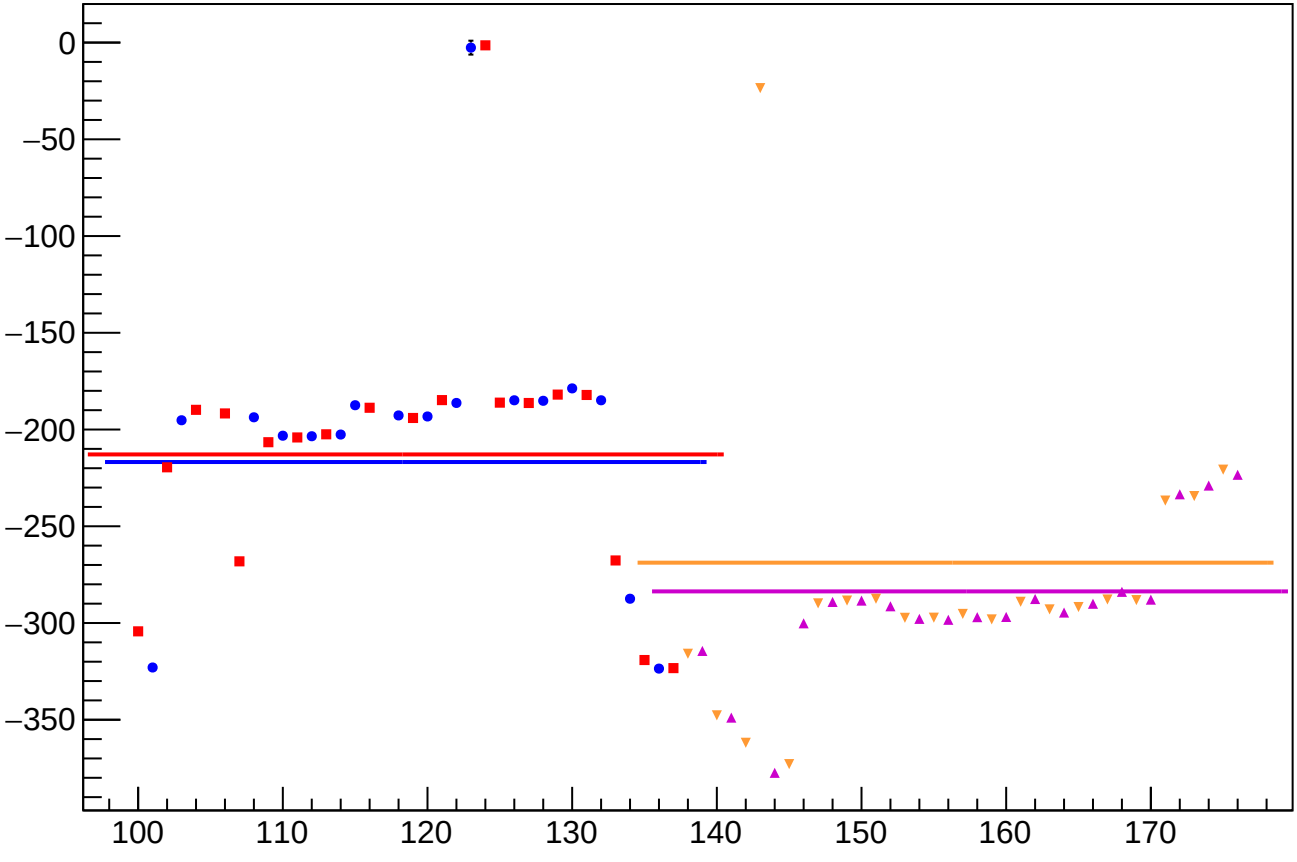
Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 129.736+/-1.492 χ^2/NDF:1059.7/35

Out: 122.102+/-1.464 χ^2/NDF:1297.2/38

All: 125.849+/-1.045 χ^2/NDF: 2370.2/74

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -268.811+/-0.095 χ^2/NDF:598623.8/19

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -283.660+/-0.095 χ^2/NDF:147805.0/18

Left: -276.225+/-0.067 χ^2/NDF: 758727.3/38

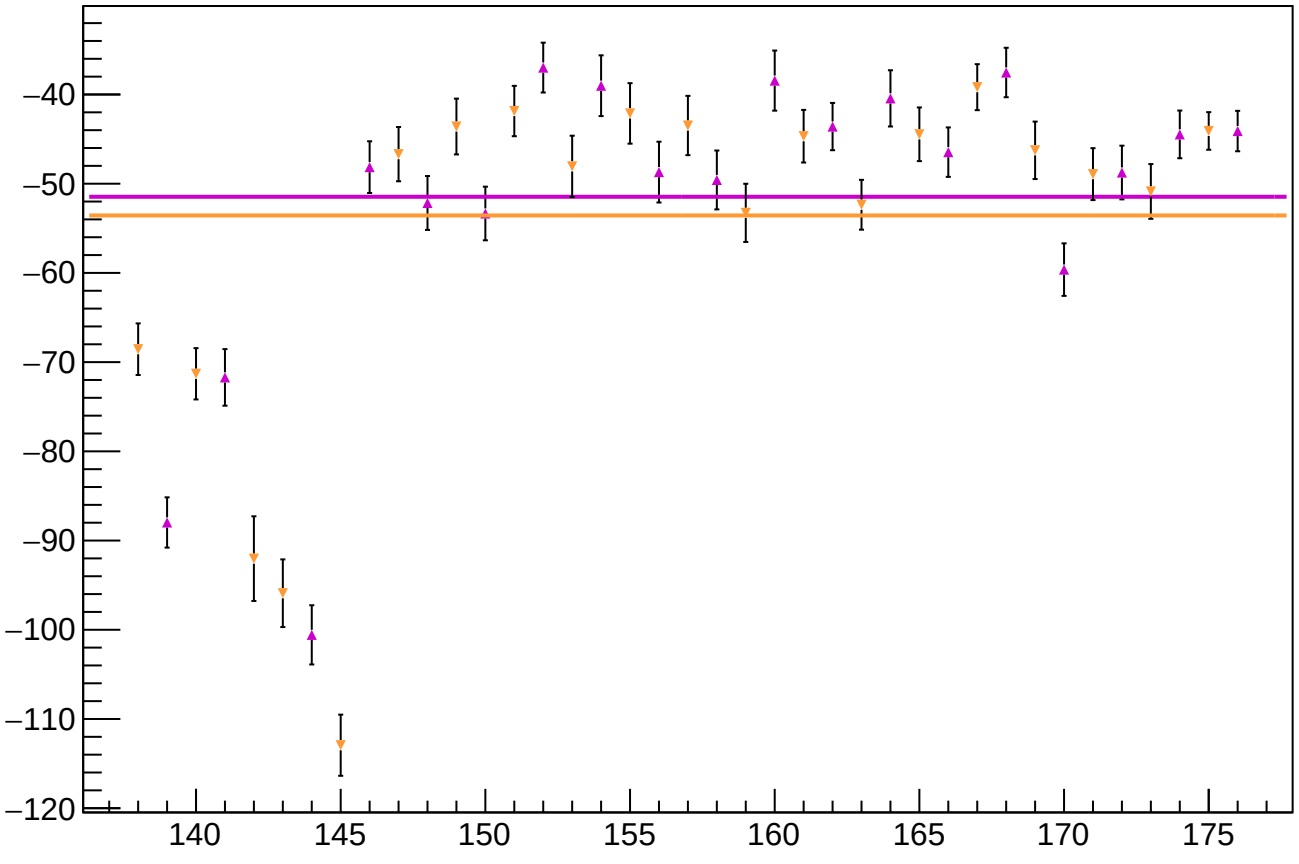
Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -261.738+/-0.078 χ^2/NDF:458084.1/35

Out: -249.470+/-0.077 χ^2/NDF:835893.5/38

All: -255.513+/-0.055 χ^2/NDF: 1306634.6/74

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -53.559+/-0.677 χ^2/NDF:689.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -51.465+/-0.674 χ^2/NDF:560.8/18

Left: -52.508+/-0.478 χ^2/NDF: 1254.7/38

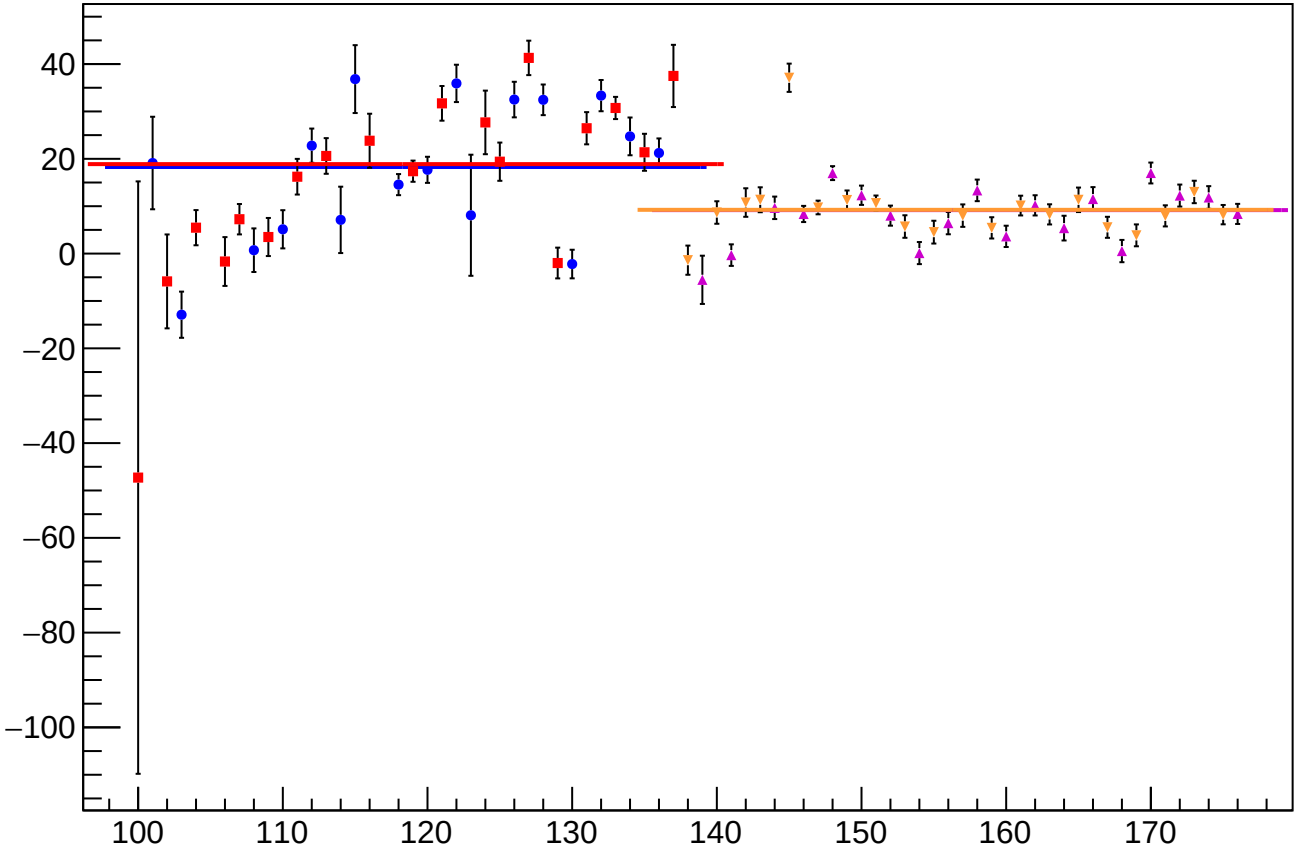
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -51.465+/-0.674 χ^2/NDF:560.8/18

Out: -53.559+/-0.677 χ^2/NDF:689.1/19

All: -52.508+/-0.478 χ^2/NDF: 1254.7/38

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 9.236+/-0.494 χ^2/NDF:123.8/19

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 9.175+/-0.504 χ^2/NDF:115.4/18

Left: 9.206+/-0.353 χ^2/NDF: 239.2/38

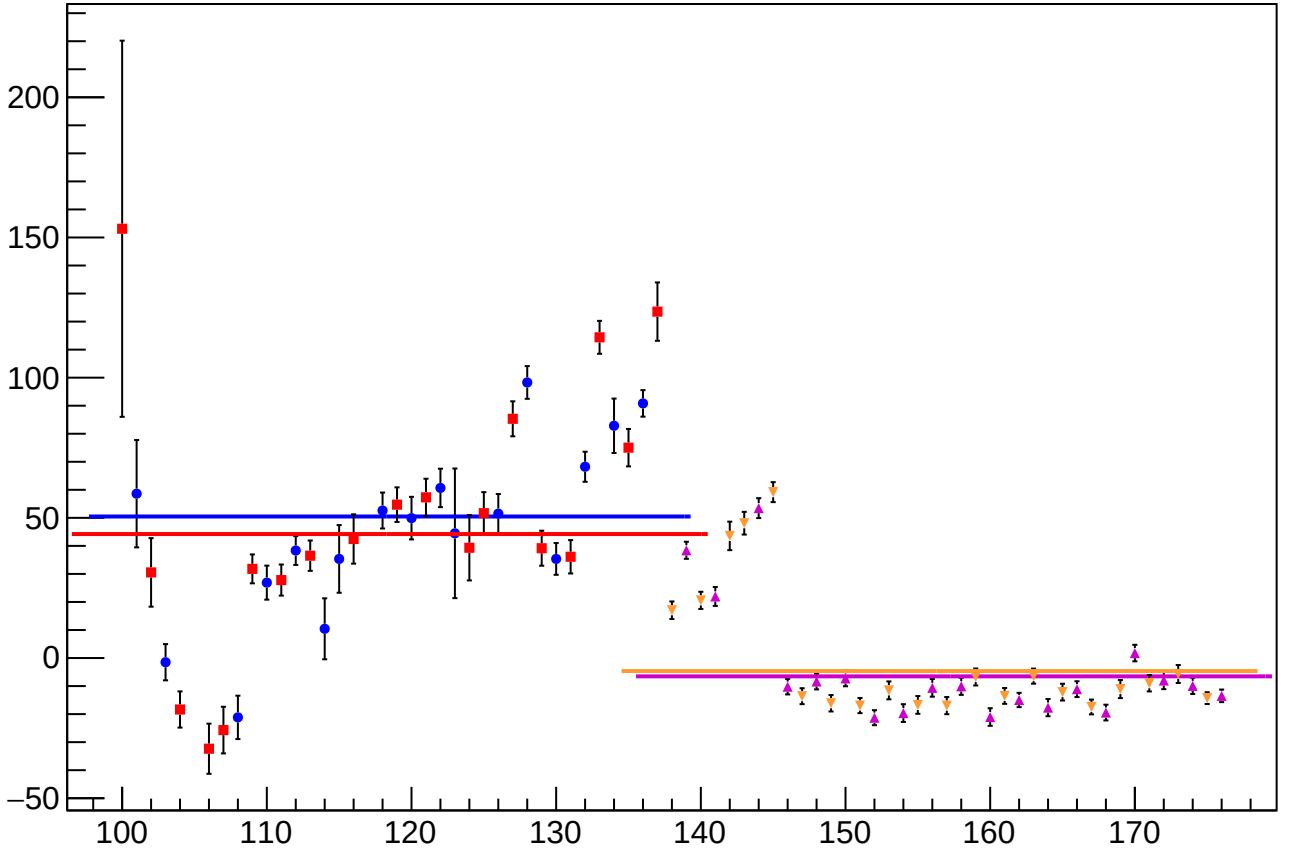
Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 11.331+/-0.441 χ^2/NDF:397.1/35

Out: 11.608+/-0.429 χ^2/NDF:416.1/38

All: 11.473+/-0.307 χ^2/NDF: 813.5/74

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -4.648+/-0.669 χ^2/NDF:846.4/19

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: -6.537+/-0.666 χ^2/NDF:715.6/18

Left: -5.597+/-0.472 χ^2/NDF: 1566.0/38

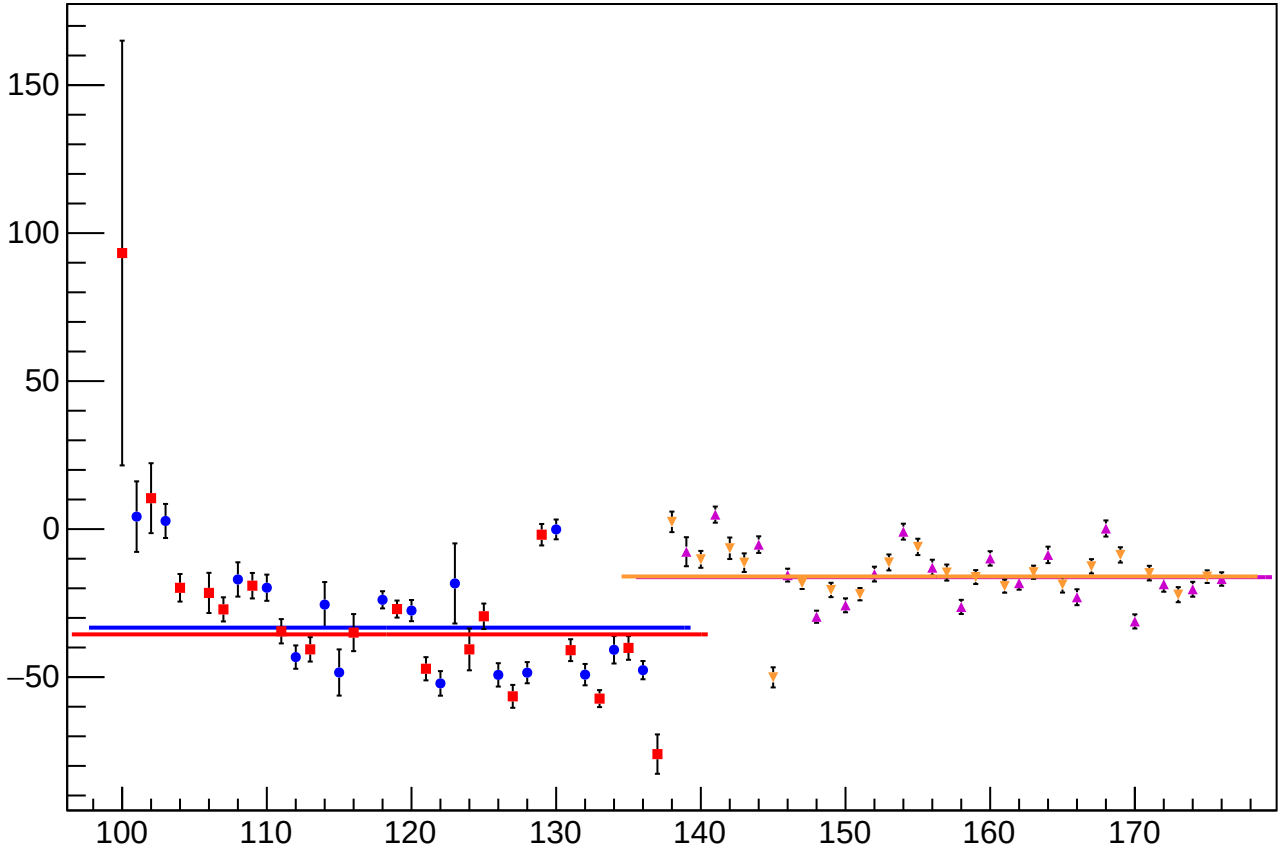
Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: 1.299+/-0.618 χ^2/NDF:2081.5/35

Out: 2.604+/-0.617 χ^2/NDF:2172.8/38

All: 1.952+/-0.437 χ^2/NDF: 4256.5/74

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -15.996+/-0.568 χ^2/NDF:191.0/19

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -16.238+/-0.578 χ^2/NDF:289.3/18

Left: -16.115+/-0.405 χ^2/NDF: 480.4/38

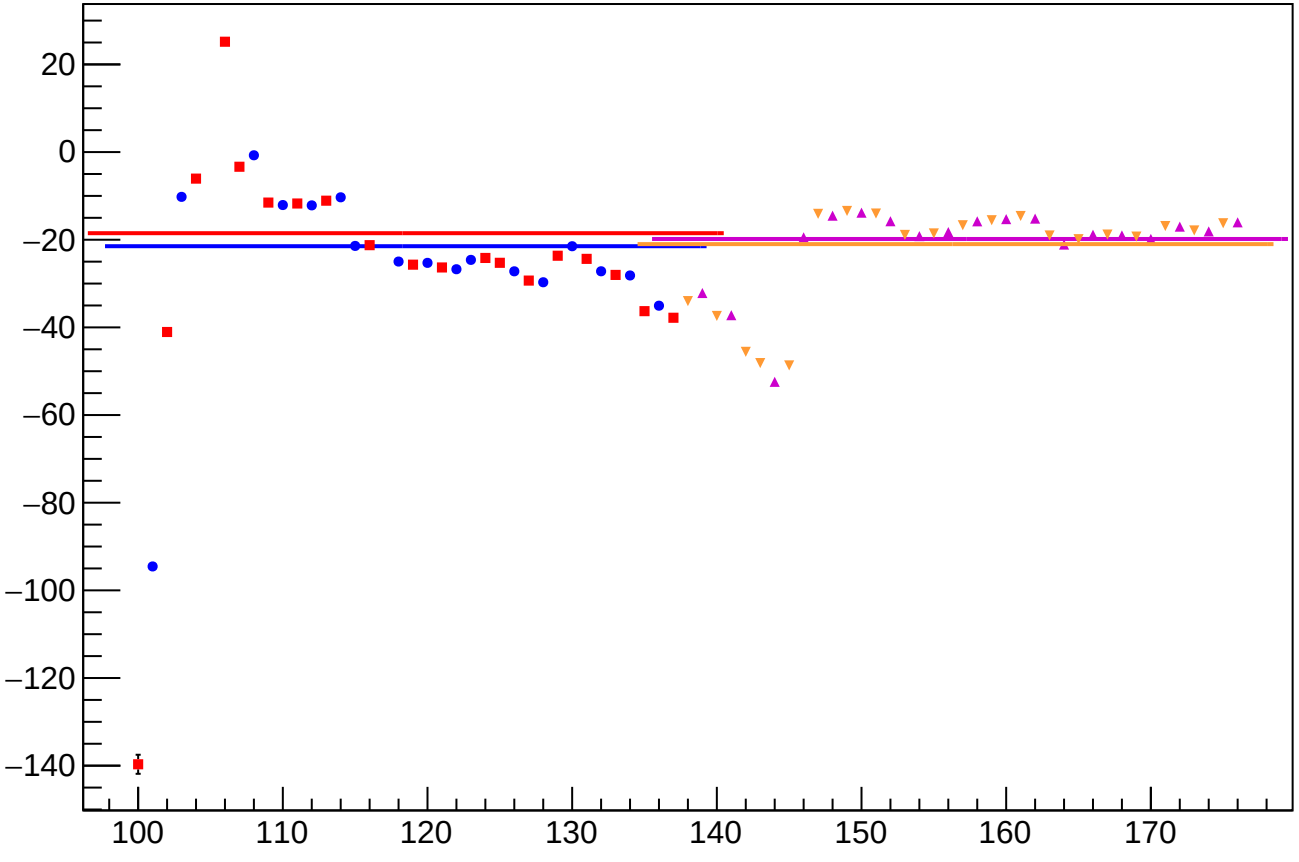
Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -20.301+/-0.504 χ^2/NDF:786.0/35

Out: -20.825+/-0.493 χ^2/NDF:771.5/38

All: -20.569+/-0.353 χ^2/NDF: 1558.0/74

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -21.001+/-0.026 χ^2/NDF:131983.7/19

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -19.827+/-0.026 χ^2/NDF:87494.9/18

Left: -20.404+/-0.019 χ^2/NDF: 220481.8/38

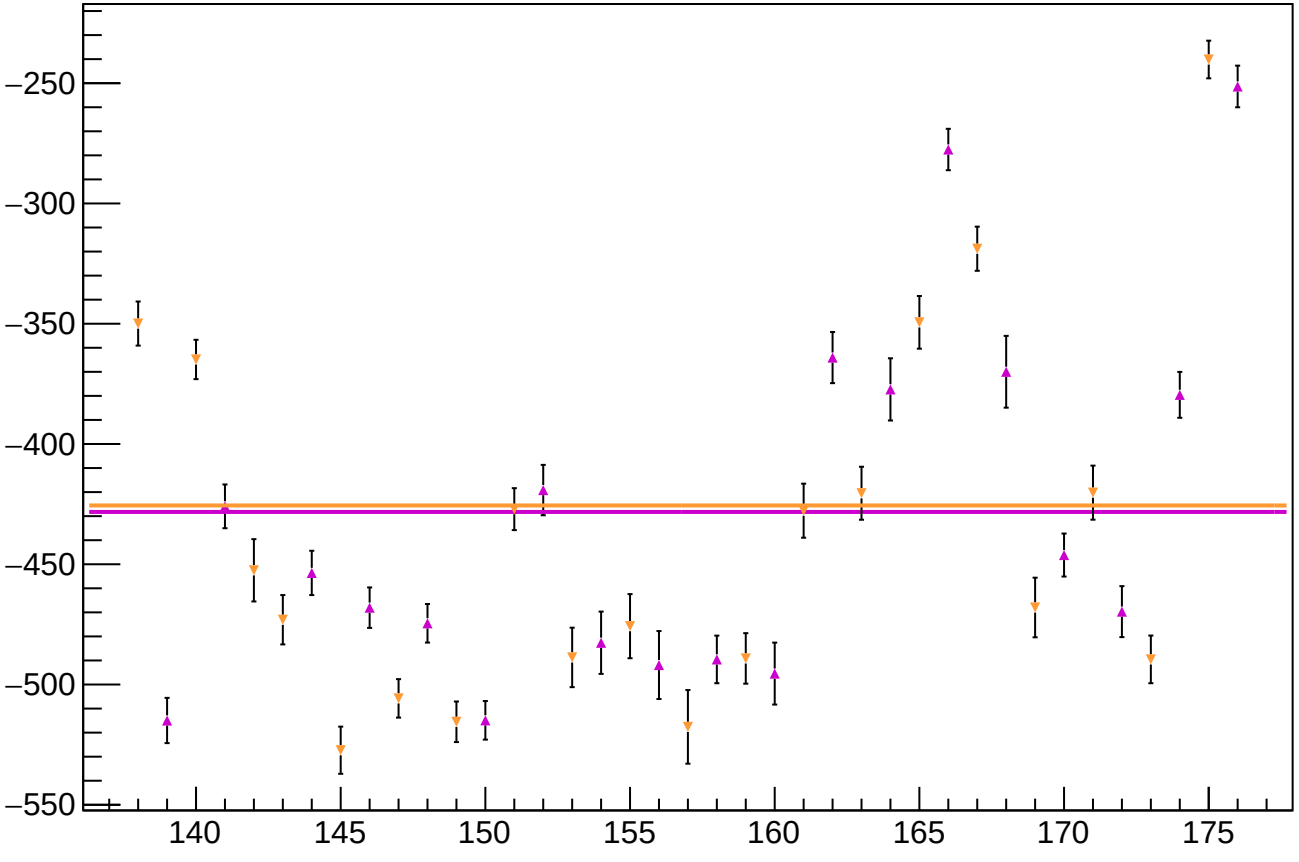
Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -20.097+/-0.024 χ^2/NDF:137165.0/35

Out: -20.564+/-0.024 χ^2/NDF:214279.0/38

All: -20.328+/-0.017 χ^2/NDF: 351634.9/74

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -425.555+/-2.245 χ^2/NDF:1382.5/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -428.250+/-2.263 χ^2/NDF:1206.1/18

Left: -426.892+/-1.594 χ^2/NDF: 2589.3/38

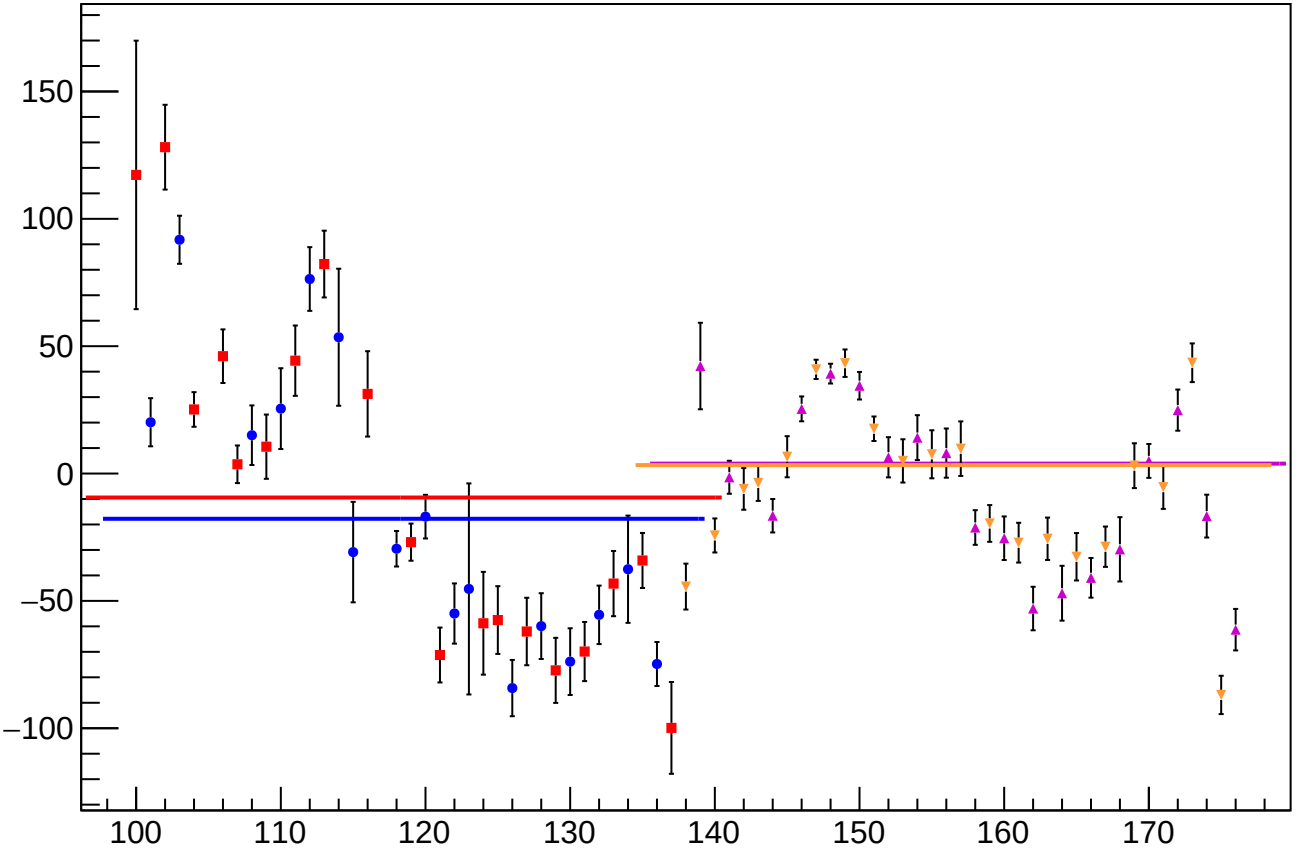
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -428.250+/-2.263 χ^2/NDF:1206.1/18

Out: -425.555+/-2.245 χ^2/NDF:1382.5/19

All: -426.892+/-1.594 χ^2/NDF: 2589.3/38

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 3.308+/-1.571 χ^2/NDF:451.8/19

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: 3.889+/-1.622 χ^2/NDF:360.4/18

Left: 3.589+/-1.128 χ^2/NDF: 812.3/38

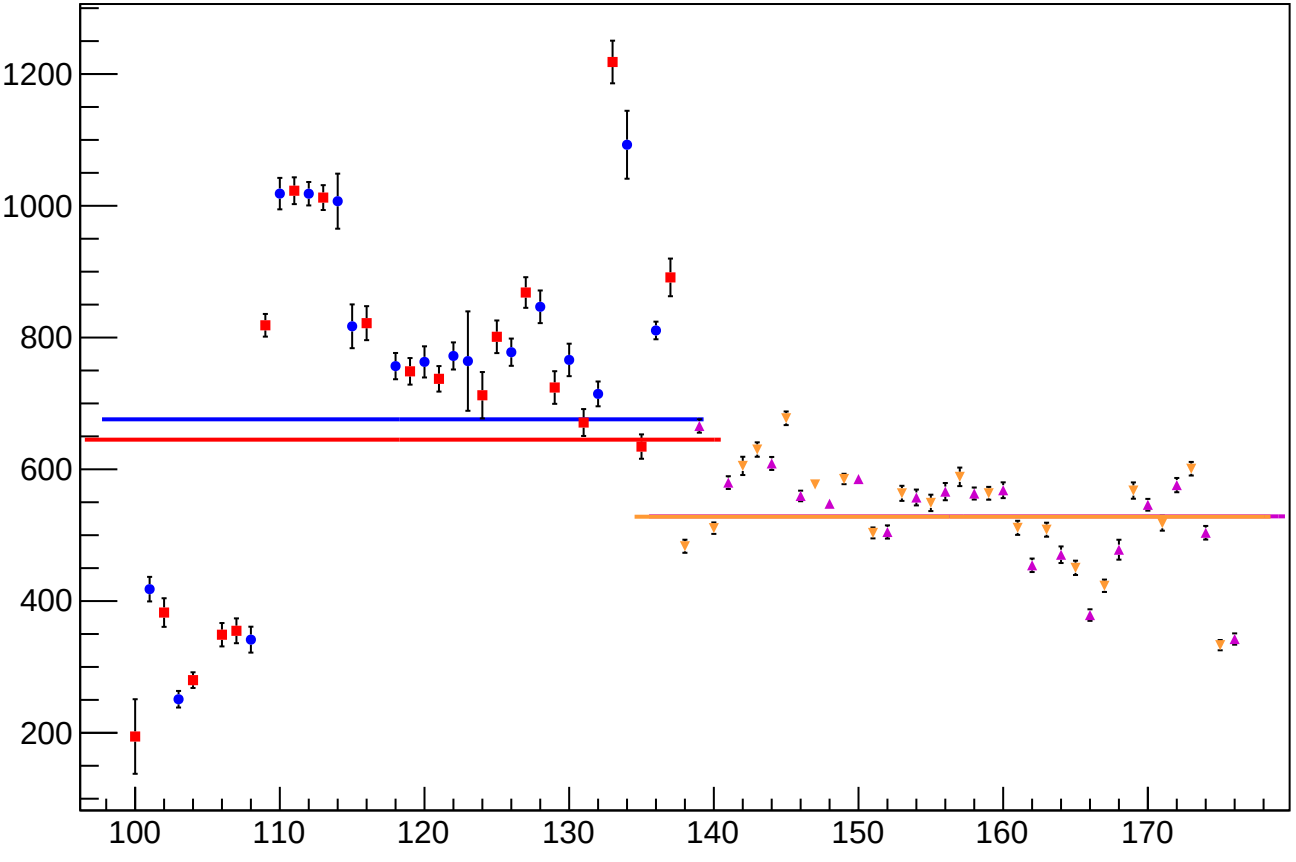
Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: -1.606+/-1.401 χ^2/NDF:769.4/35

Out: -0.069+/-1.346 χ^2/NDF:838.8/38

All: -0.807+/-0.971 χ^2/NDF: 1608.9/74

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 528.047+/-2.226 χ^2/NDF:1364.1/19

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 528.593+/-2.234 χ^2/NDF:1278.2/18

Left: 528.319+/-1.577 χ^2/NDF: 2642.3/38

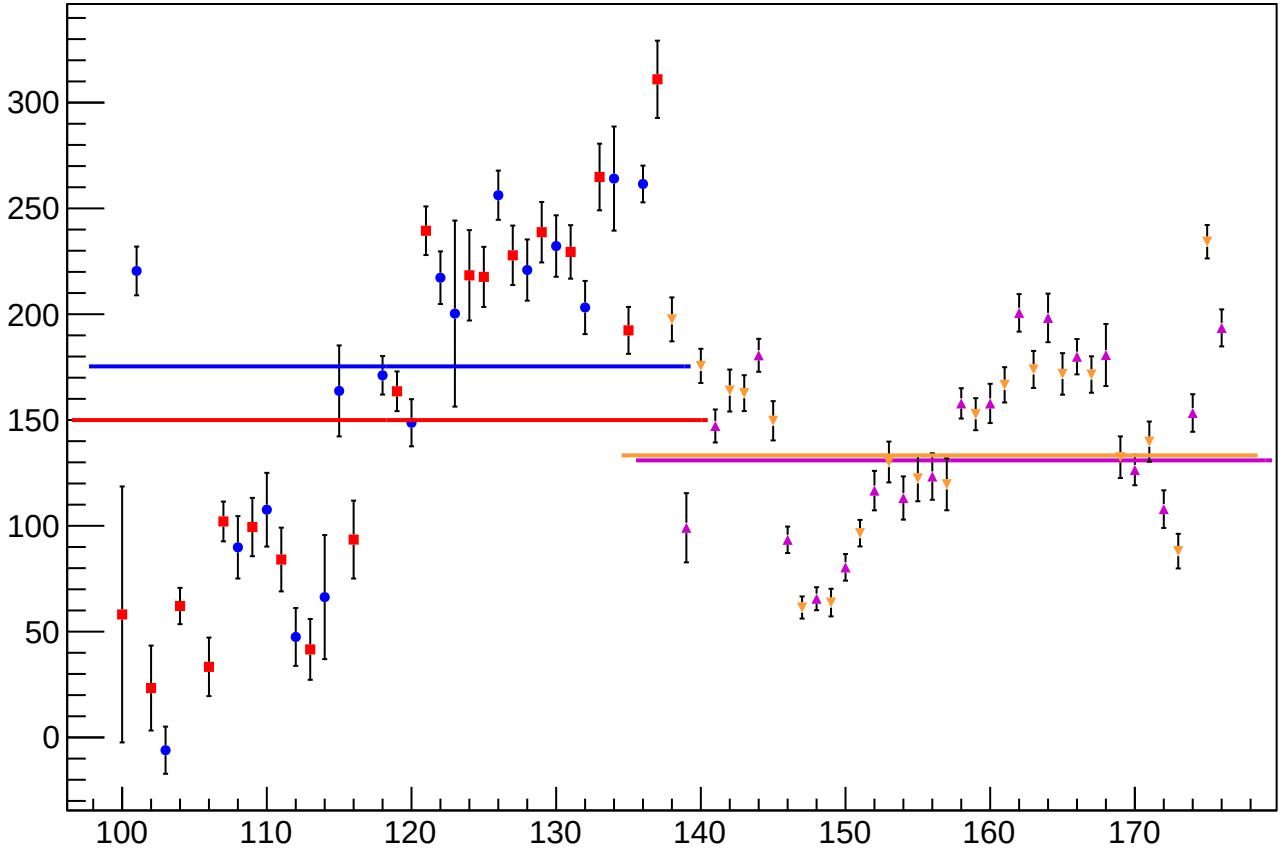
Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 552.794+/-2.042 χ^2/NDF:4579.0/35

Out: 549.026+/-2.016 χ^2/NDF:4982.7/38

All: 550.887+/-1.435 χ^2/NDF: 9563.4/74

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 133.301+/-1.848 χ^2/NDF:703.8/19

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 130.932+/-1.894 χ^2/NDF:529.6/18

Left: 132.146+/-1.322 χ^2/NDF: 1234.2/38

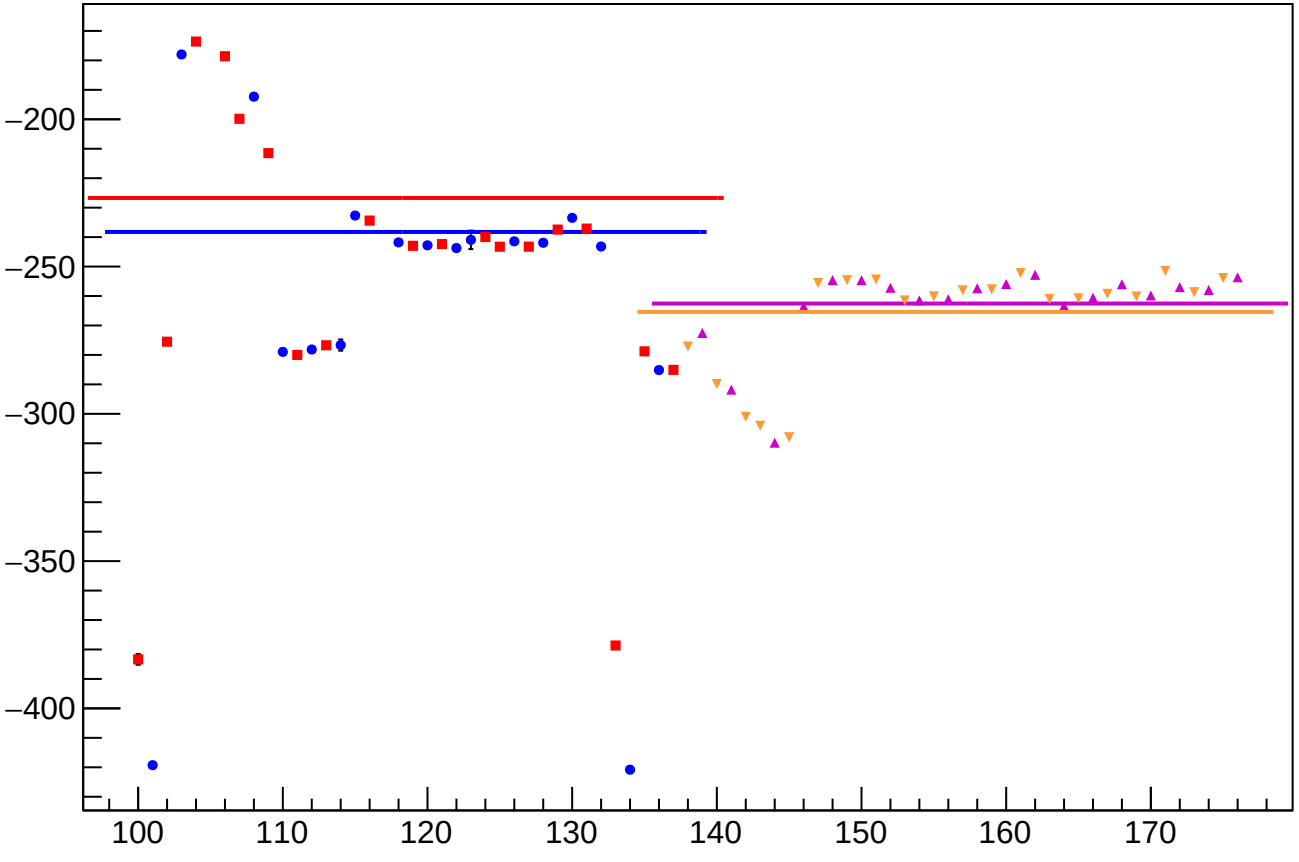
Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 142.436+/-1.630 χ^2/NDF:1310.5/35

Out: 137.785+/-1.580 χ^2/NDF:1418.9/38

All: 140.037+/-1.134 χ^2/NDF: 2733.6/74

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -265.396+/-0.090 χ^2/NDF:35502.5/19

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -262.554+/-0.089 χ^2/NDF:21963.3/18

Left: -263.962+/-0.063 χ^2/NDF: 57973.5/38

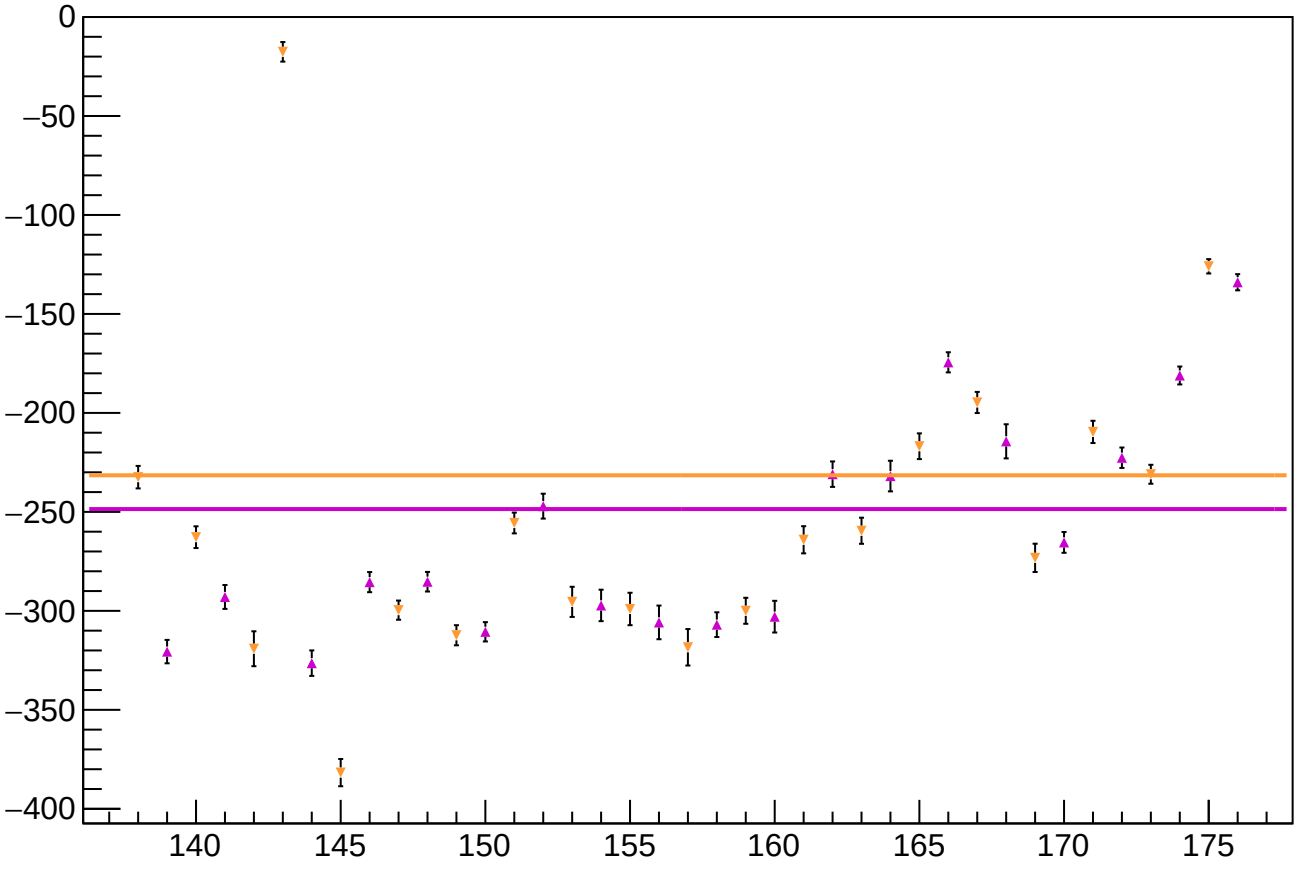
Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -256.827+/-0.078 χ^2/NDF:206745.9/35

Out: -255.331+/-0.077 χ^2/NDF:186842.5/38

All: -256.073+/-0.055 χ^2/NDF: 393775.3/74

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: -231.508+/-1.293 χ^2/NDF:4276.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -248.578+/-1.321 χ^2/NDF:2119.3/18

Left: -239.866+/-0.924 χ^2/NDF: 6480.8/38

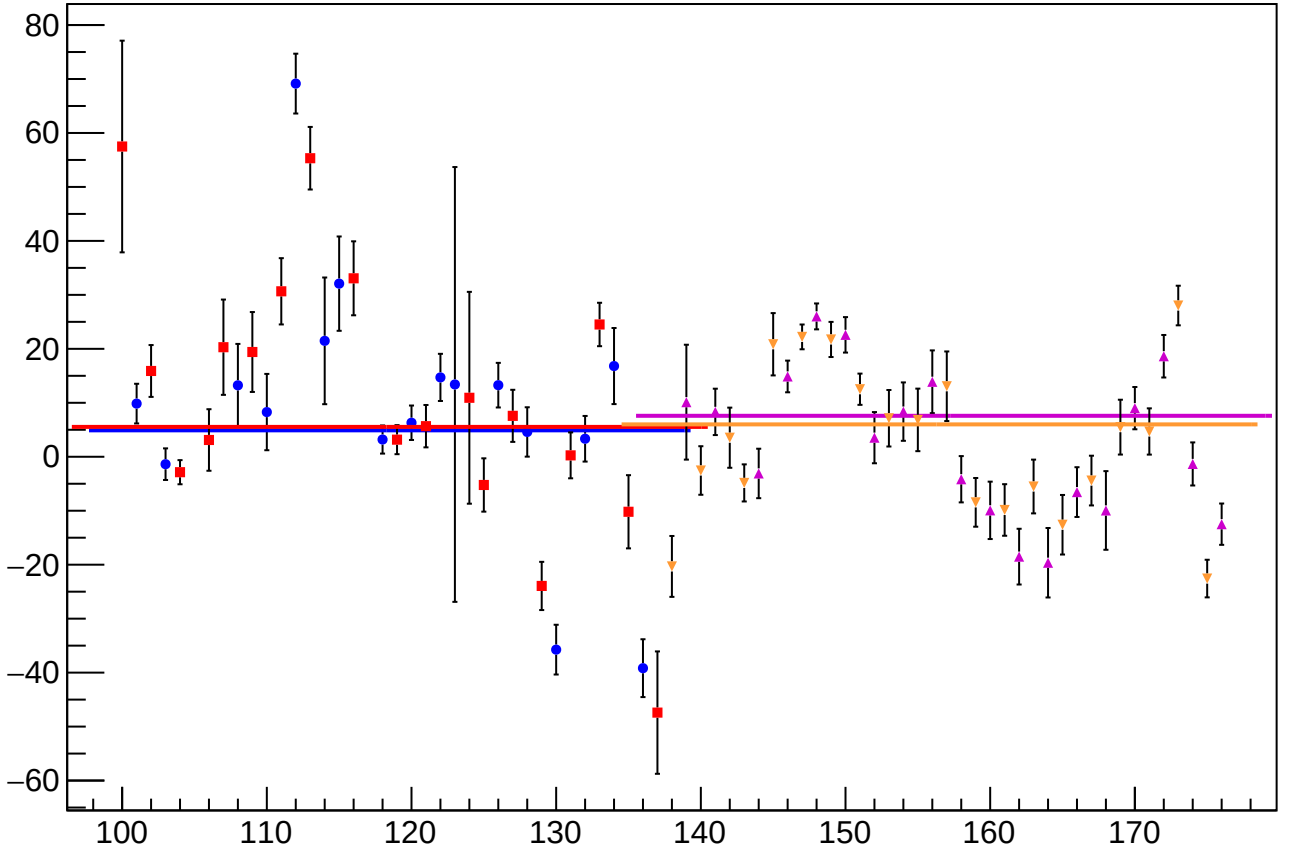
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -248.578+/-1.321 χ^2/NDF:2119.3/18

Out: -231.508+/-1.293 χ^2/NDF:4276.3/19

All: -239.866+/-0.924 χ^2/NDF: 6480.8/38

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.896+/-1.089 χ^2/NDF: 312.0/16

Left Out: 5.999+/-0.919 χ^2/NDF:268.1/19

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 7.591+/-0.963 χ^2/NDF:210.8/18

Left: 6.758+/-0.665 χ^2/NDF: 480.4/38

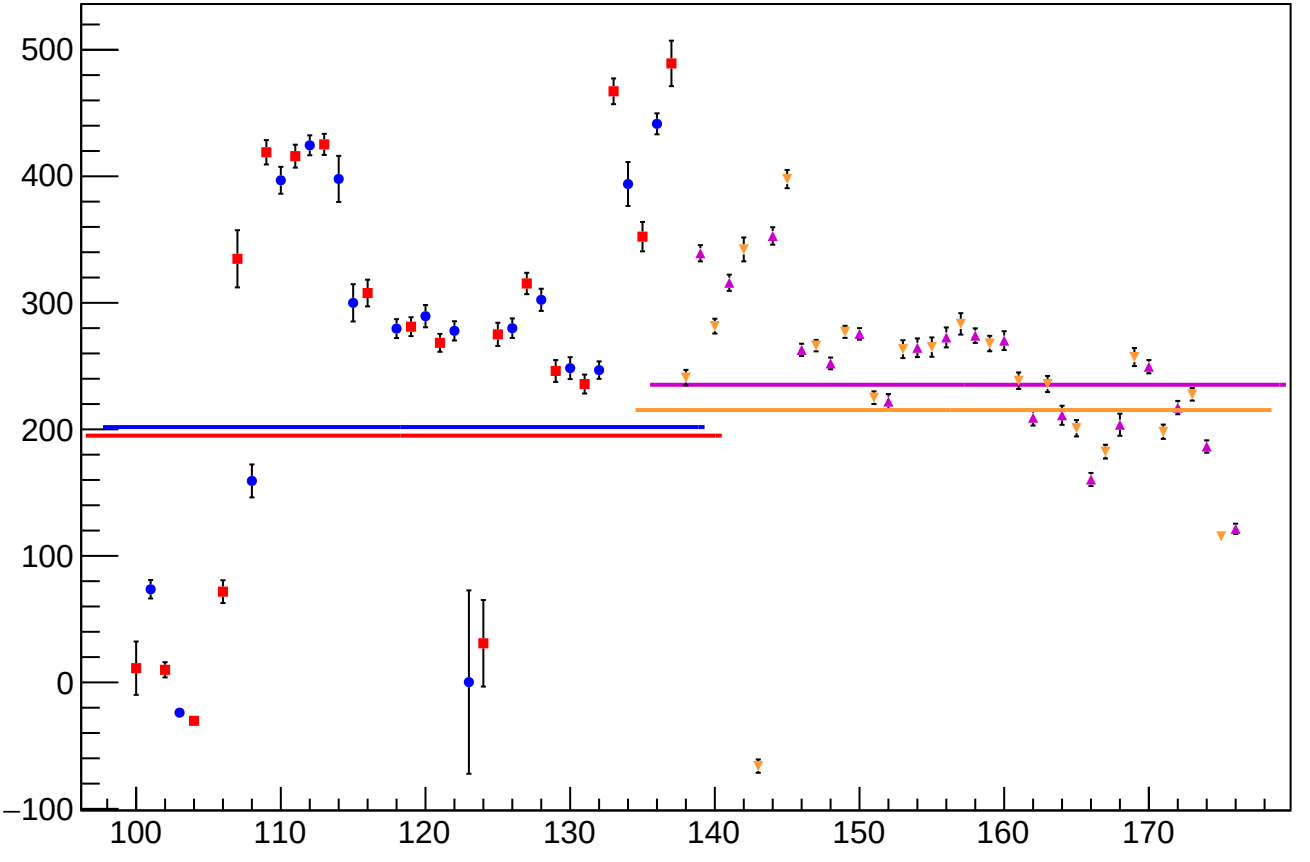
Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 6.409+/-0.721 χ^2/NDF:526.2/35

Out: 5.802+/-0.697 χ^2/NDF:507.4/38

All: 6.095+/-0.501 χ^2/NDF: 1033.9/74

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 215.275+/-1.285 χ^2/NDF:5210.9/19

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 235.242+/-1.307 χ^2/NDF:2107.0/18

Left: 225.088+/-0.916 χ^2/NDF: 7436.6/38

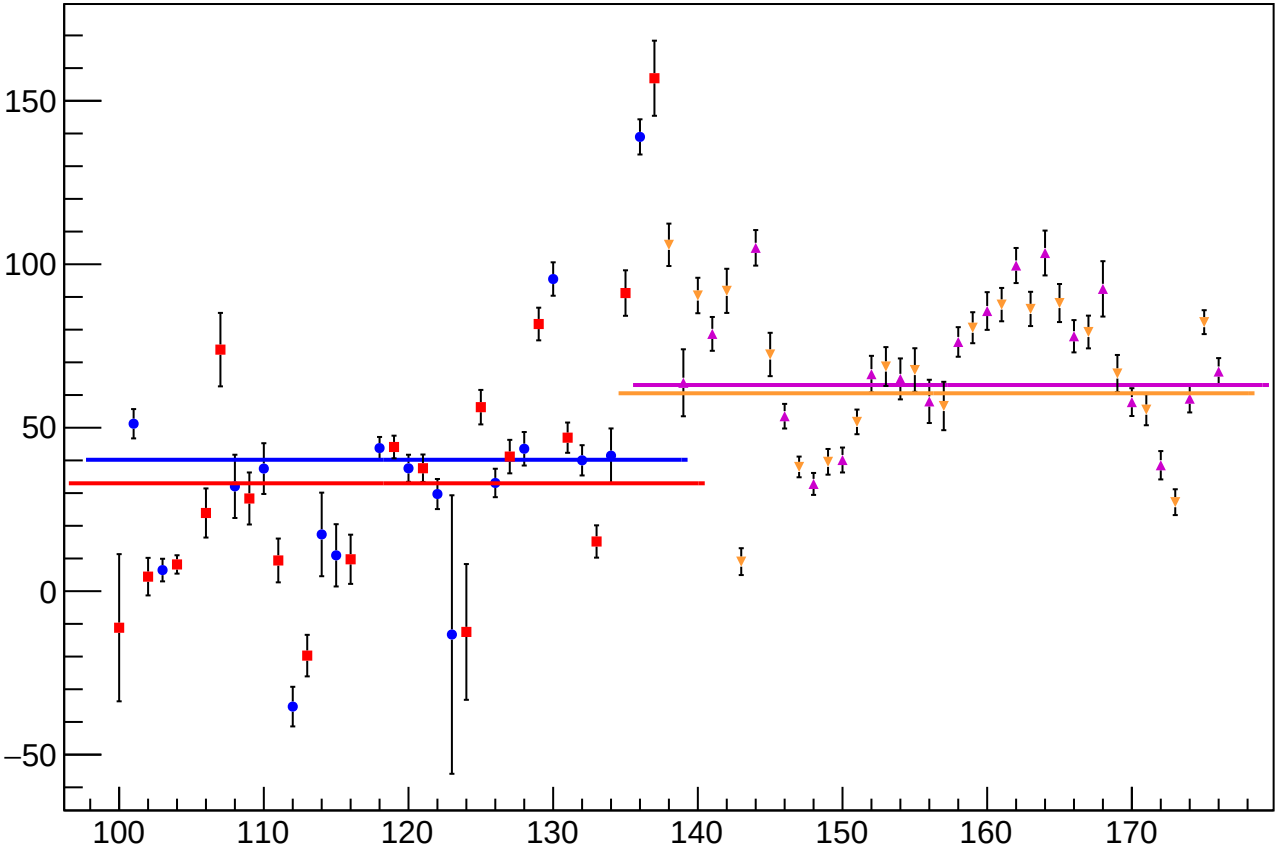
Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 225.030+/-1.089 χ^2/NDF:9061.2/35

Out: 209.042+/-1.068 χ^2/NDF:13544.4/38

All: 216.883+/-0.763 χ^2/NDF: 22715.4/74

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 60.536+/-1.073 χ^2/NDF:564.8/19

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 63.067+/-1.116 χ^2/NDF:355.1/18

Left: 61.752+/-0.774 χ^2/NDF: 922.6/38

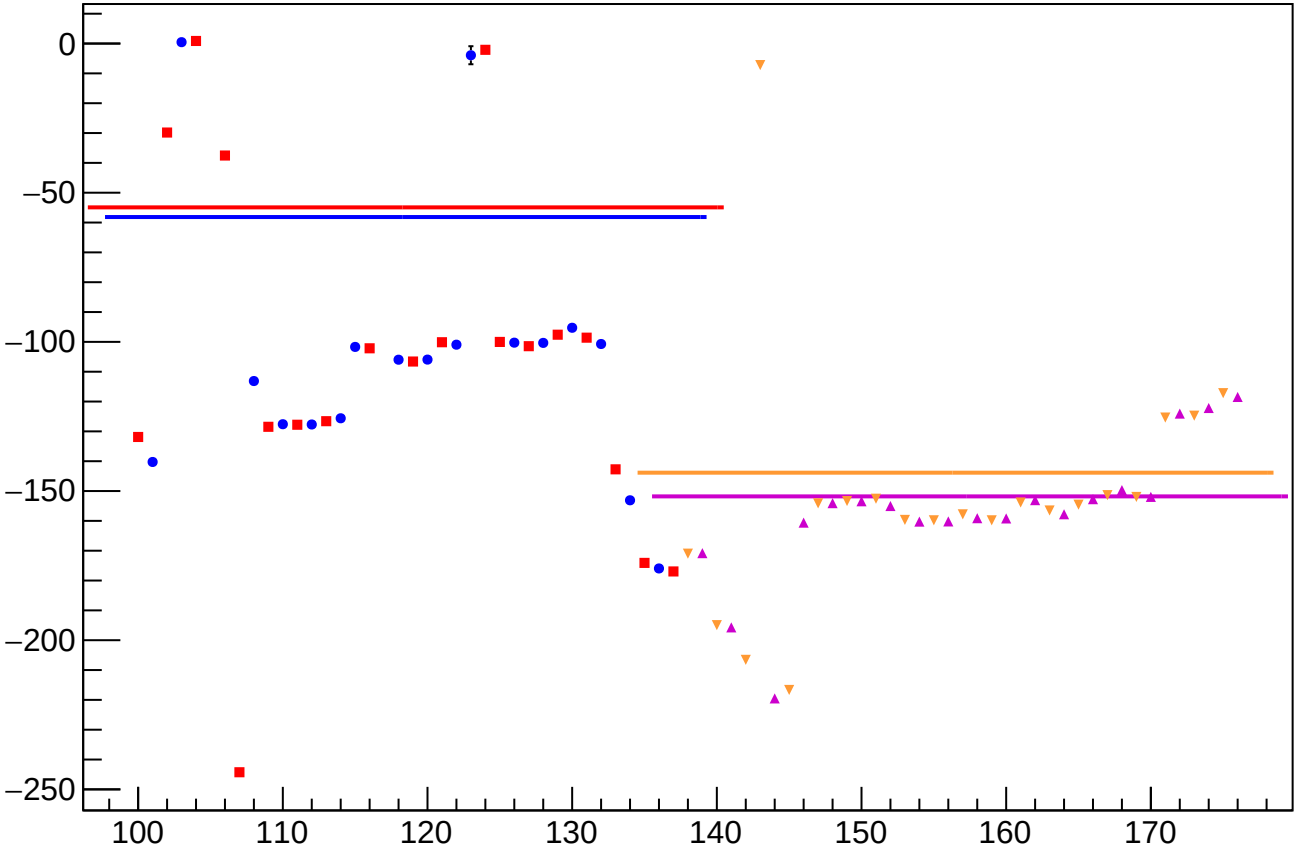
Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 53.078+/-0.838 χ^2/NDF:1273.4/35

Out: 48.880+/-0.815 χ^2/NDF:1397.6/38

All: 50.921+/-0.584 χ^2/NDF: 2684.0/74

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155+/-0.062 χ^2/NDF: 1105509.3/16

Left Out: -143.846+/-0.052 χ^2/NDF:635158.3/19

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -151.791+/-0.052 χ^2/NDF:174688.8/18

Left: -147.815+/-0.037 χ^2/NDF: 821582.8/38

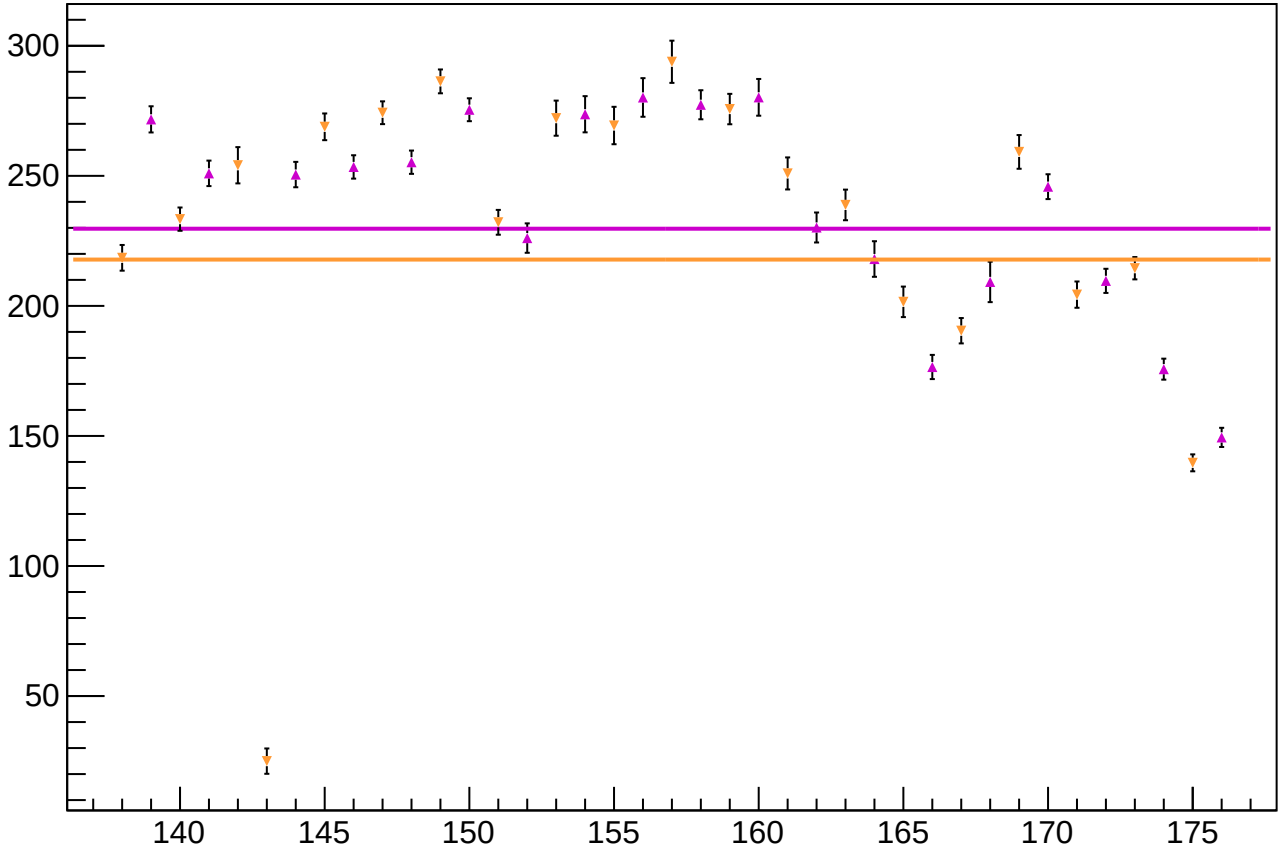
Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -112.917+/-0.040 χ^2/NDF:2632676.8/35

Out: -105.998+/-0.039 χ^2/NDF:2891766.3/38

All: -109.424+/-0.028 χ^2/NDF: 5539797.4/74

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: 217.813+/-1.148 χ^2/NDF:3110.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 229.674+/-1.166 χ^2/NDF:1310.1/18

Left: 223.653+/-0.818 χ^2/NDF: 4473.5/38

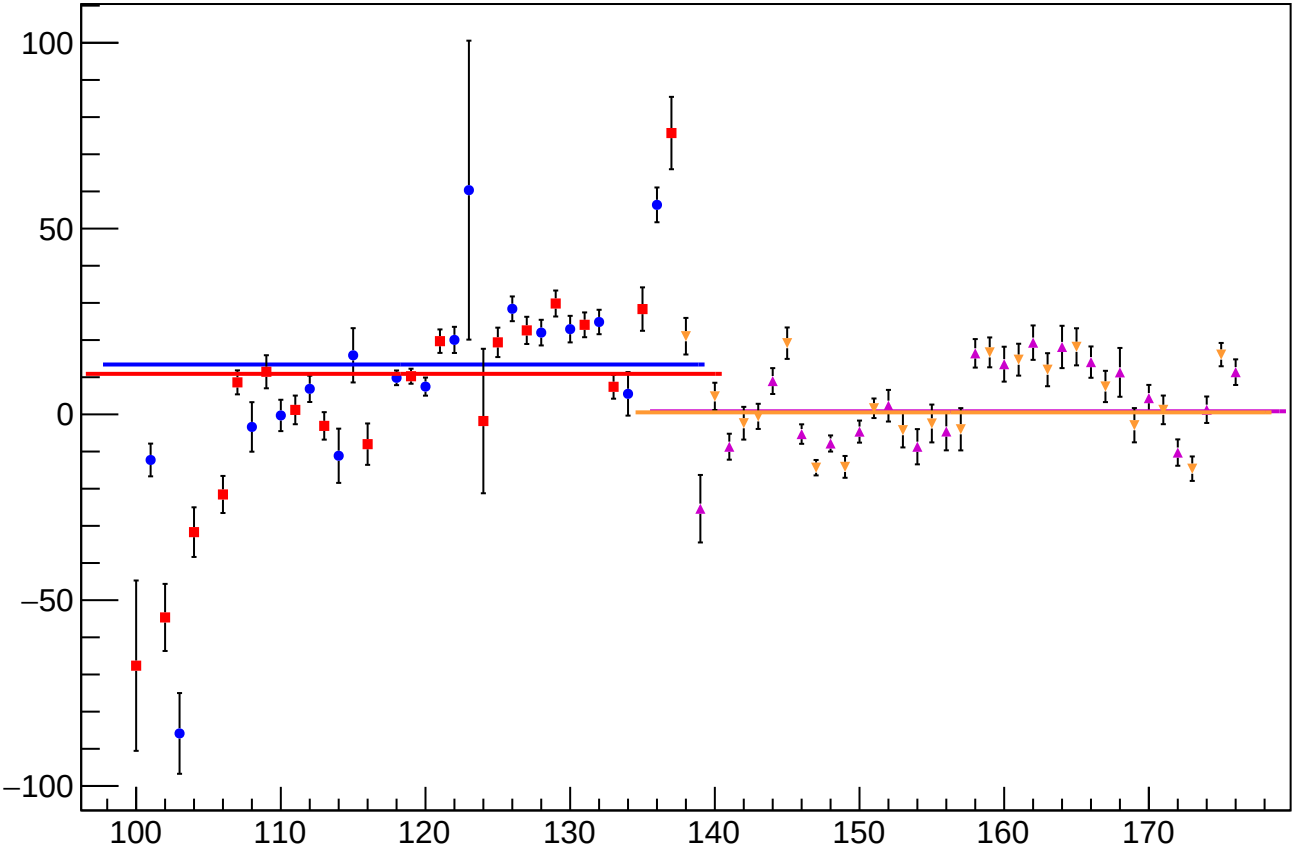
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 229.674+/-1.166 χ^2/NDF:1310.1/18

Out: 217.813+/-1.148 χ^2/NDF:3110.8/19

All: 223.653+/-0.818 χ^2/NDF: 4473.5/38

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423+/-0.920 χ^2/NDF: 295.2/16

Left Out: 0.545+/-0.819 χ^2/NDF:212.5/19

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: 0.833+/-0.852 χ^2/NDF:132.8/18

Left: 0.684+/-0.591 χ^2/NDF: 345.4/38

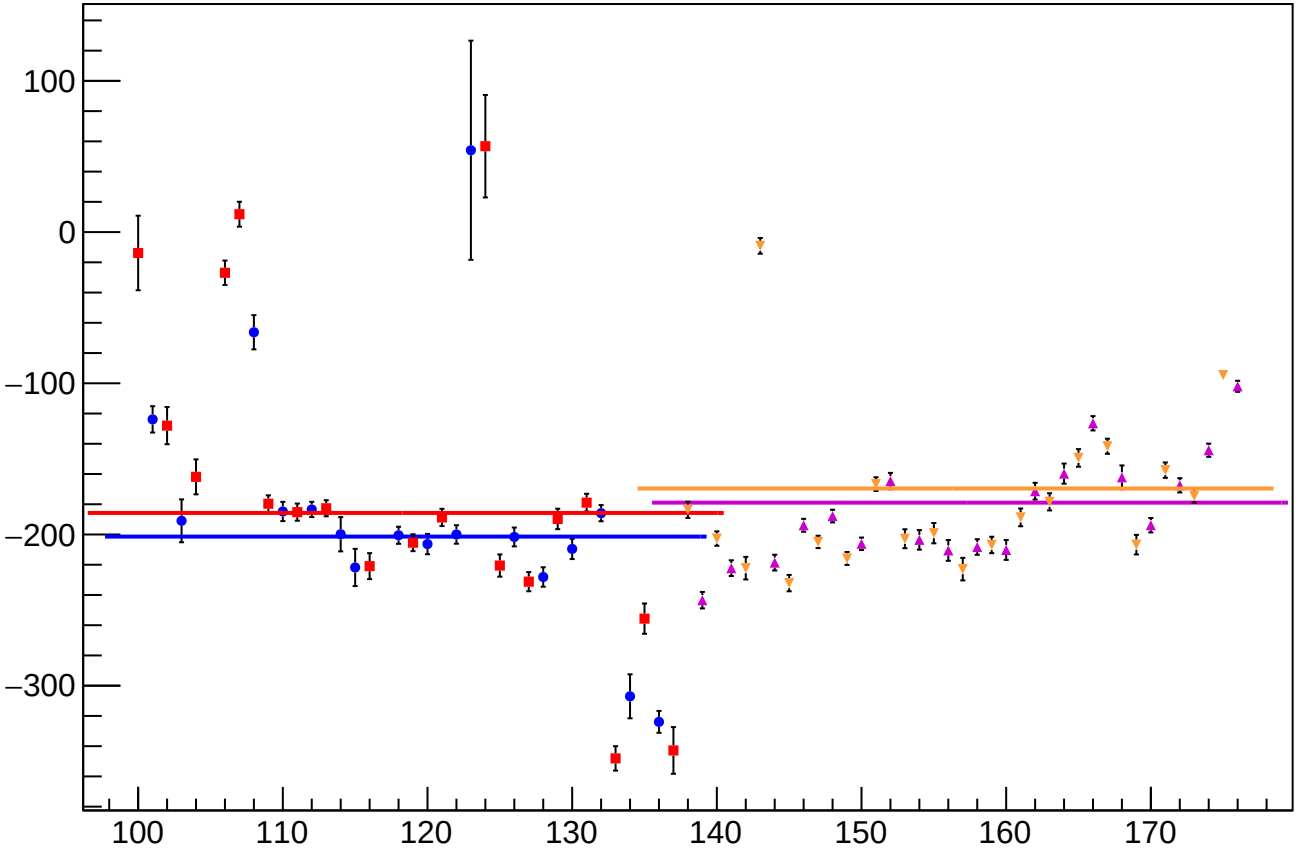
Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 6.649+/-0.625 χ^2/NDF:528.9/35

Out: 5.149+/-0.611 χ^2/NDF:586.2/38

All: 5.882+/-0.437 χ^2/NDF: 1118.1/74

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -169.579+/-1.142 χ^2/NDF:2156.1/19

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -178.935+/-1.156 χ^2/NDF:1086.1/18

Left: -174.201+/-0.812 χ^2/NDF: 3275.3/38

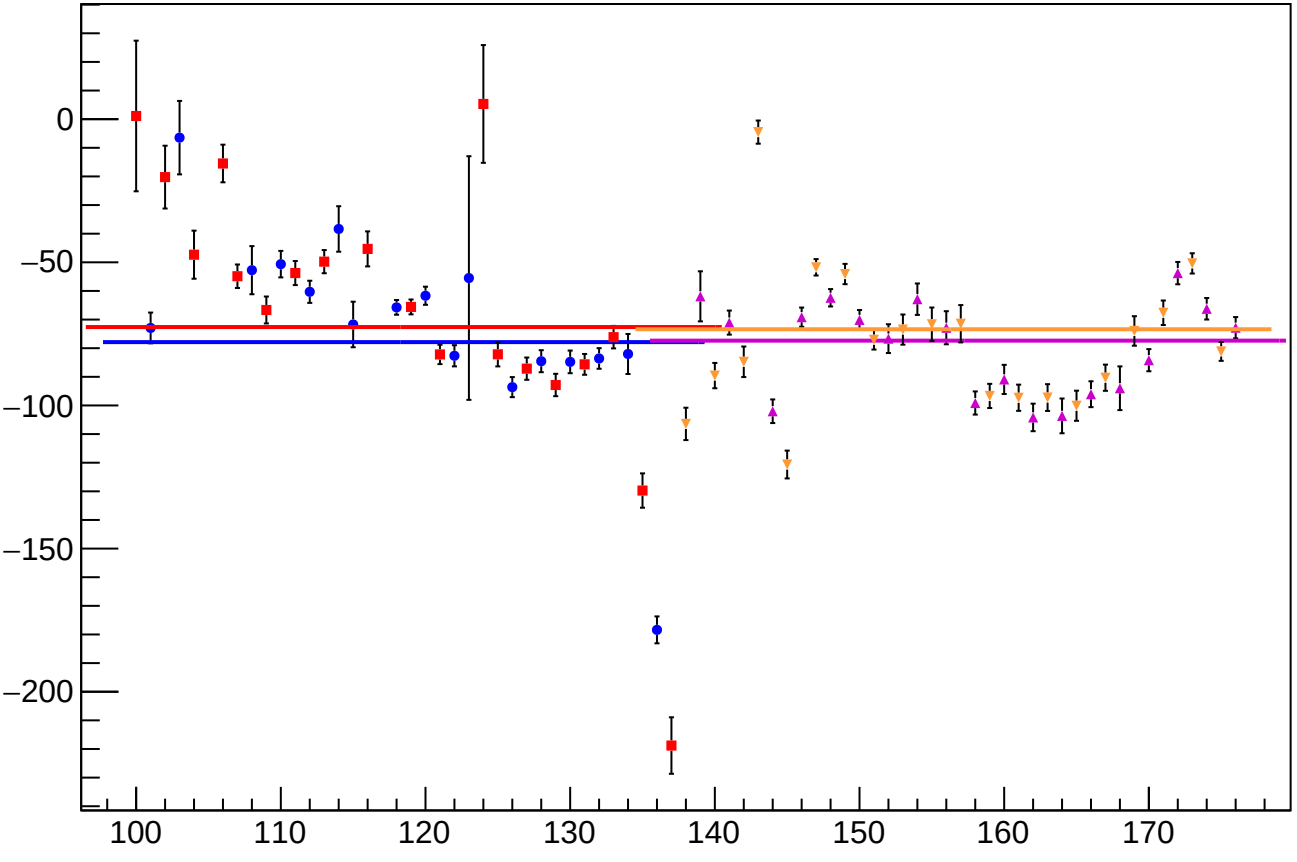
Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -185.596+/-0.969 χ^2/NDF:1821.5/35

Out: -174.604+/-0.948 χ^2/NDF:3967.6/38

All: -179.978+/-0.678 χ^2/NDF: 5854.9/74

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -73.385+/-0.956 χ^2/NDF:697.2/19

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -77.361+/-0.988 χ^2/NDF:241.1/18

Left: -75.308+/-0.687 χ^2/NDF: 946.6/38

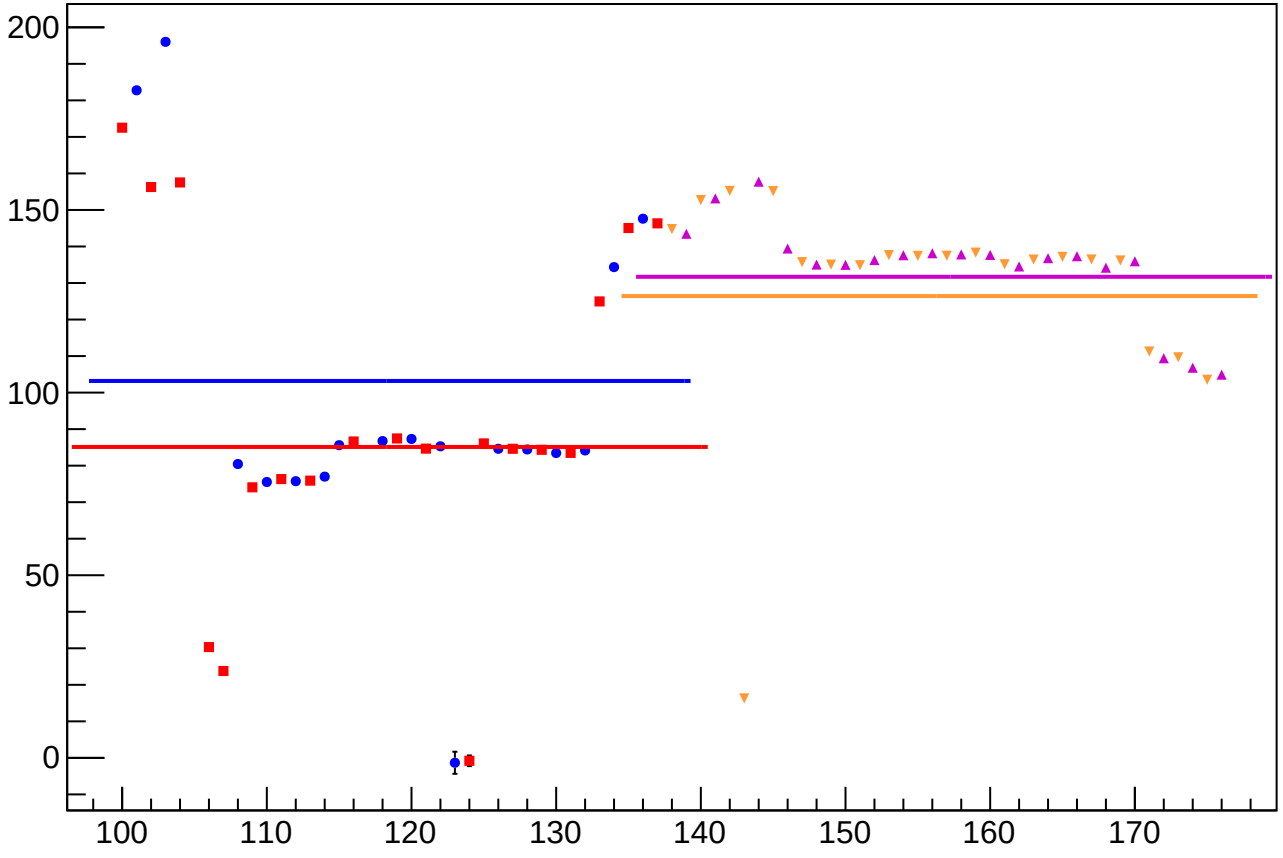
Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -77.600+/-0.724 χ^2/NDF:899.4/35

Out: -73.036+/-0.708 χ^2/NDF:1304.4/38

All: -75.266+/-0.506 χ^2/NDF: 2224.0/74

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.188+/-0.070 χ^2/NDF: 273587.8/16

Left Out: 126.430+/-0.046 χ^2/NDF:396332.7/19

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 131.706+/-0.046 χ^2/NDF:102979.5/18

Left: 129.077+/-0.033 χ^2/NDF: 505898.4/38

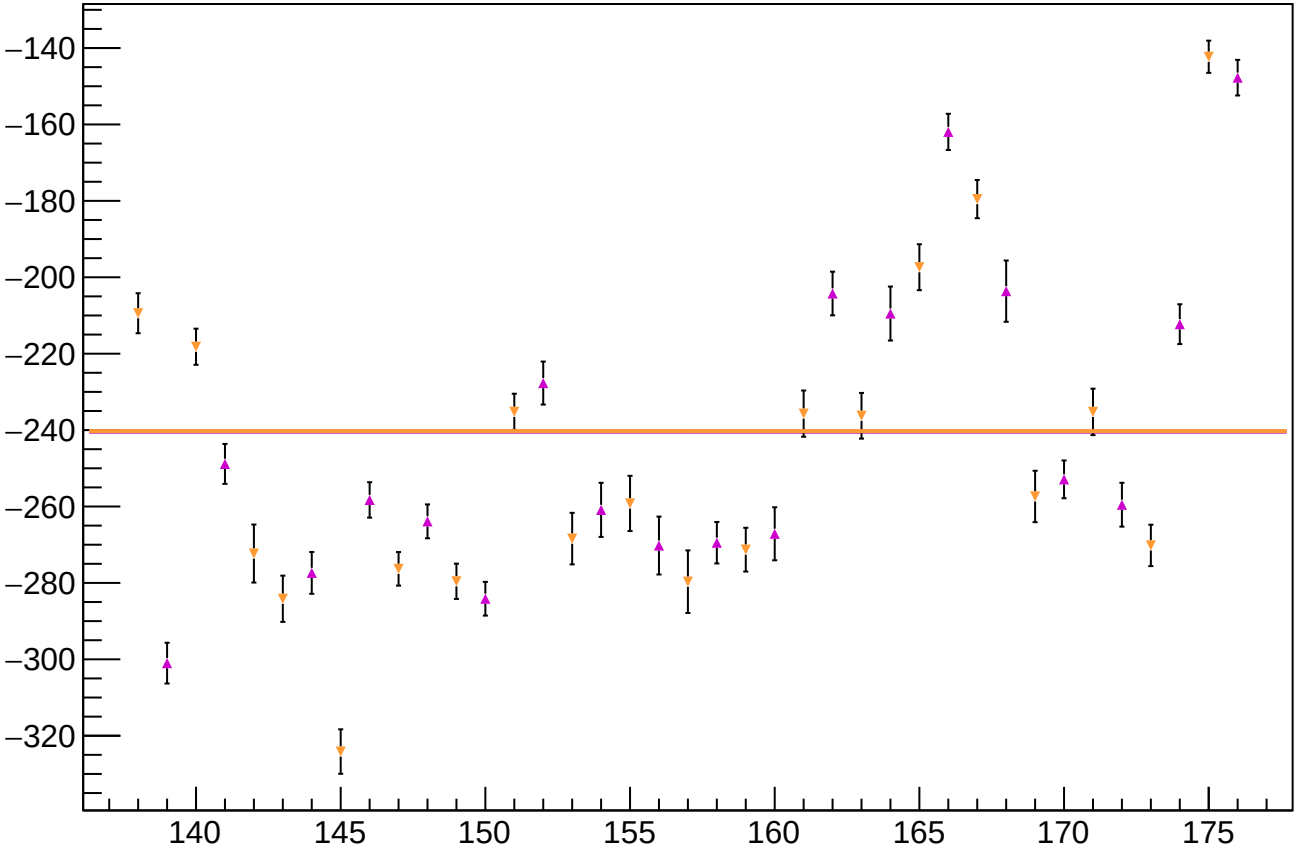
Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 123.193+/-0.038 χ^2/NDF:491889.3/35

Out: 112.261+/-0.037 χ^2/NDF:1095931.5/38

All: 117.567+/-0.027 χ^2/NDF: 1629464.3/74

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: -240.267+/-1.243 χ^2/NDF:1330.6/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -240.414+/-1.248 χ^2/NDF:1187.9/18

Left: -240.340+/-0.880 χ^2/NDF: 2518.5/38

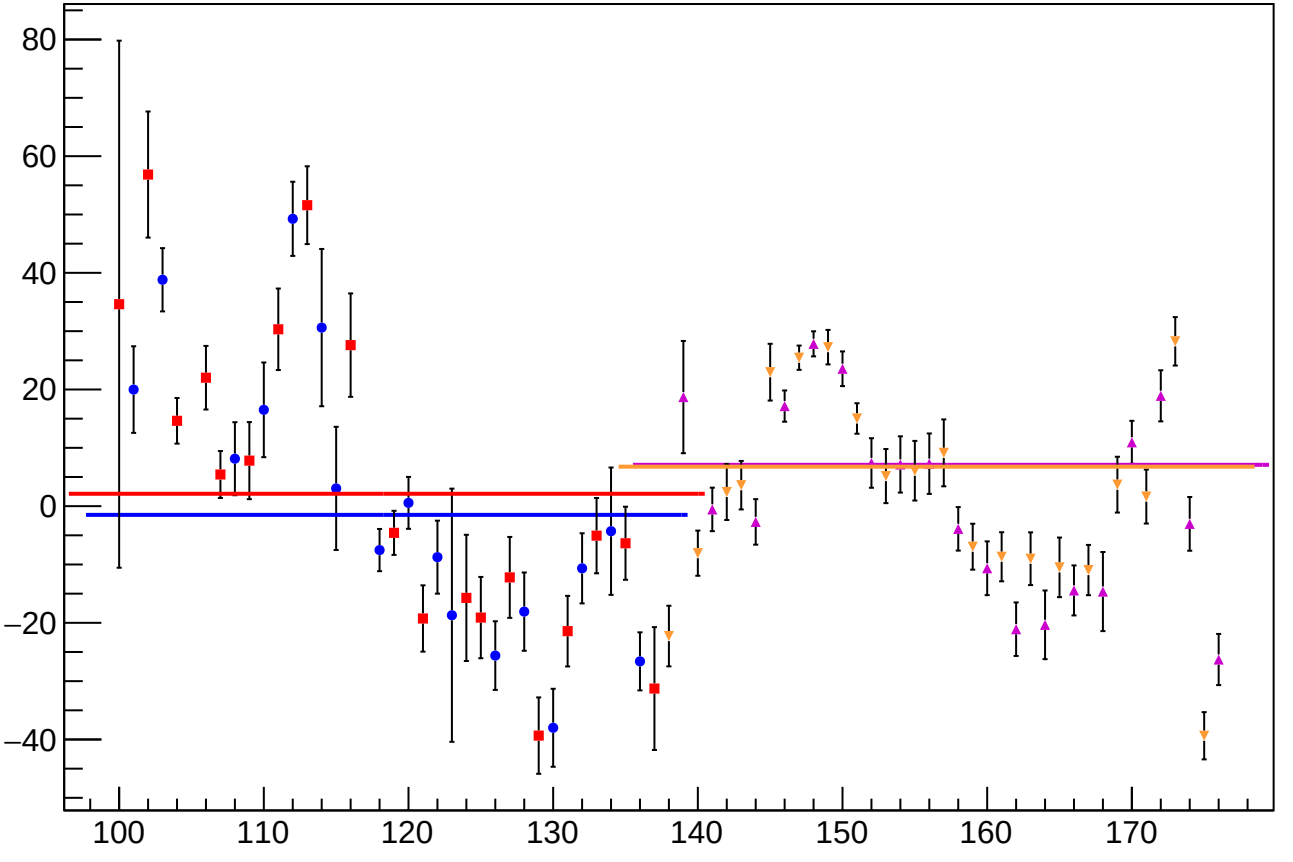
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -240.414+/-1.248 χ^2/NDF:1187.9/18

Out: -240.267+/-1.243 χ^2/NDF:1330.6/19

All: -240.340+/-0.880 χ^2/NDF: 2518.5/38

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.492+/-1.513 χ^2/NDF: 226.1/16

Left Out: 6.769+/-0.869 χ^2/NDF:421.6/19

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 7.089+/-0.895 χ^2/NDF:339.4/18

Left: 6.924+/-0.623 χ^2/NDF: 761.0/38

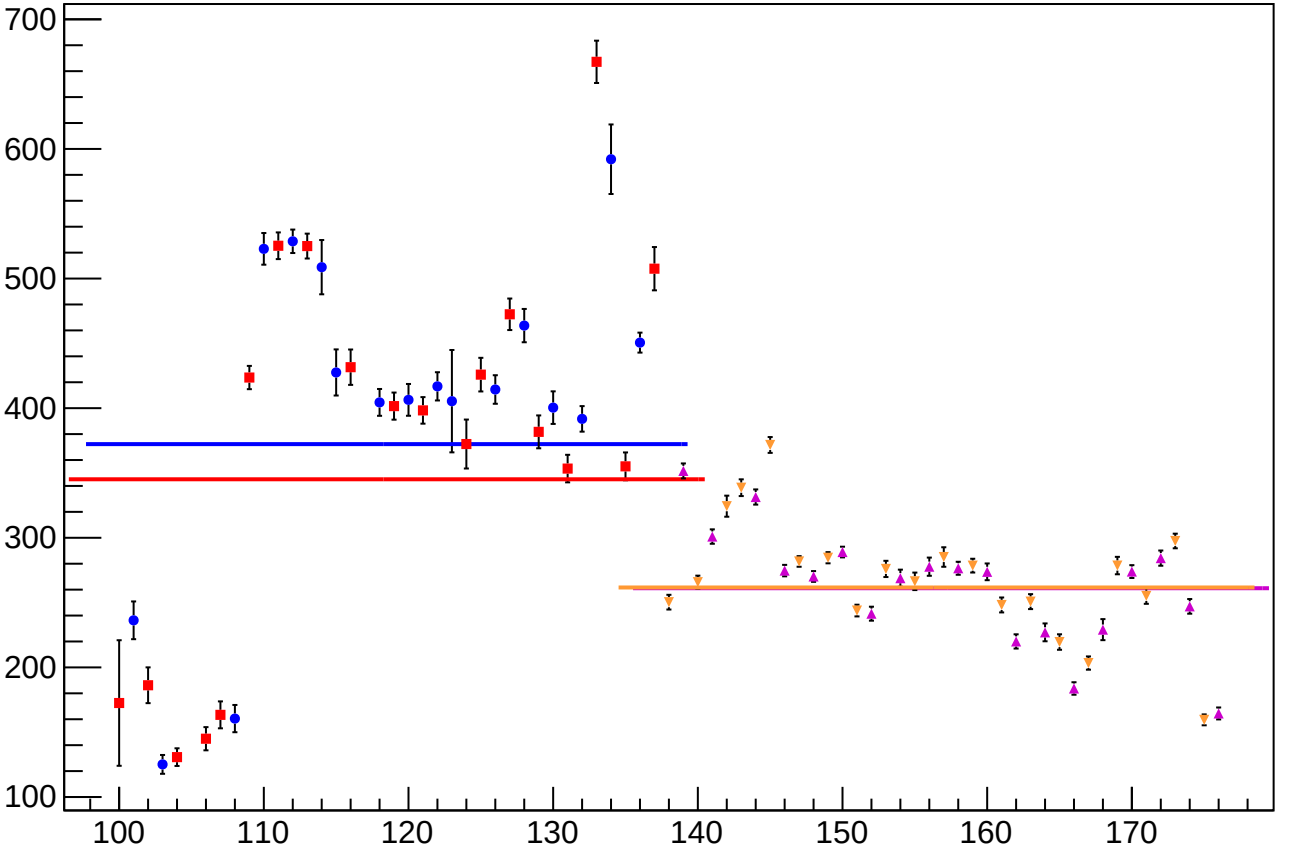
Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: 4.867+/-0.770 χ^2/NDF:589.3/35

Out: 5.482+/-0.738 χ^2/NDF:662.1/38

All: 5.187+/-0.533 χ^2/NDF: 1251.8/74

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263+/-2.759 χ^2/NDF: 2433.1/16

Left Out: 261.656+/-1.229 χ^2/NDF:1450.2/19

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 261.087+/-1.230 χ^2/NDF:1355.3/18

Left: 261.372+/-0.869 χ^2/NDF: 2805.6/38

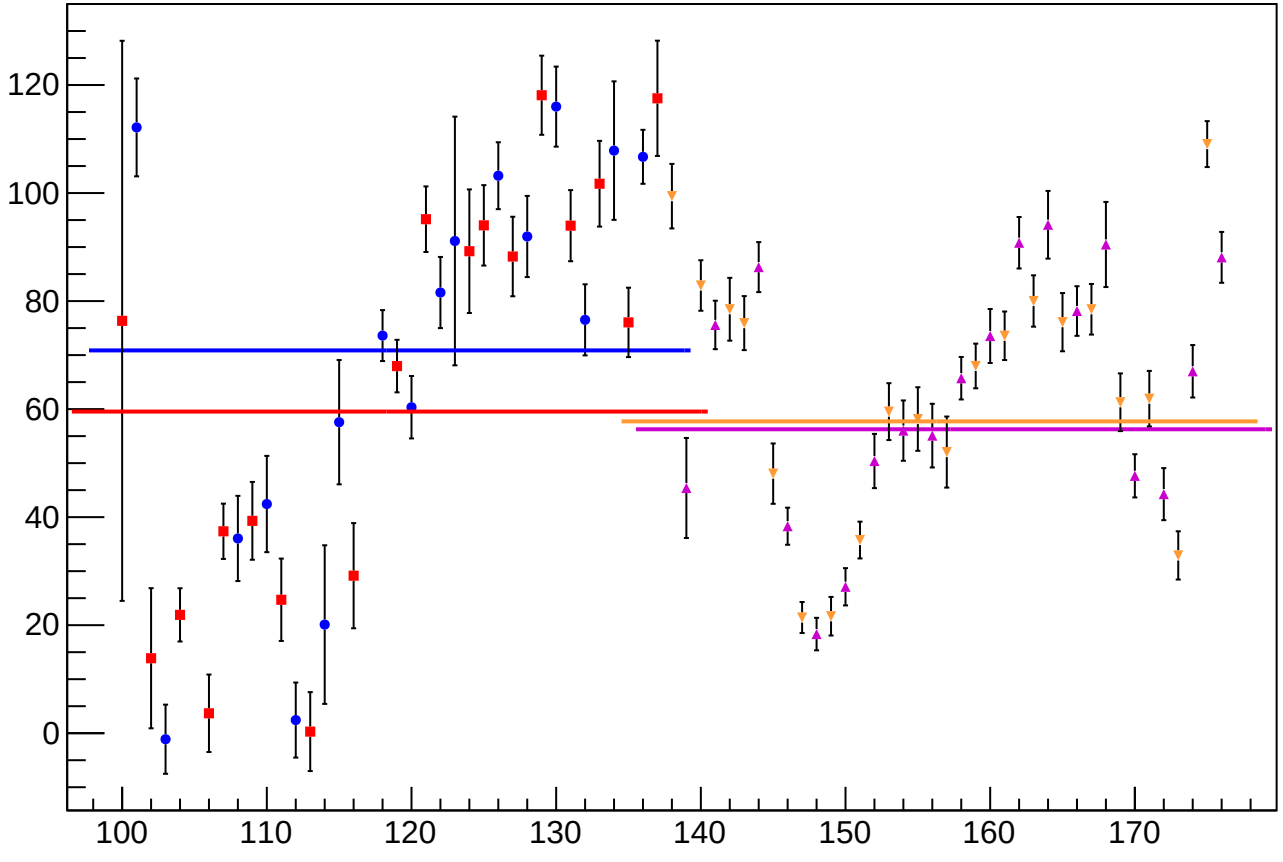
Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 279.505+/-1.123 χ^2/NDF:5142.8/35

Out: 277.267+/-1.108 χ^2/NDF:5729.7/38

All: 278.371+/-0.789 χ^2/NDF: 10874.5/74

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.867+/-1.743 χ^2/NDF: 427.0/16

Left Out: 57.729+/-1.021 χ^2/NDF:660.7/19

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 56.268+/-1.043 χ^2/NDF:530.7/18

Left: 57.014+/-0.730 χ^2/NDF: 1192.4/38

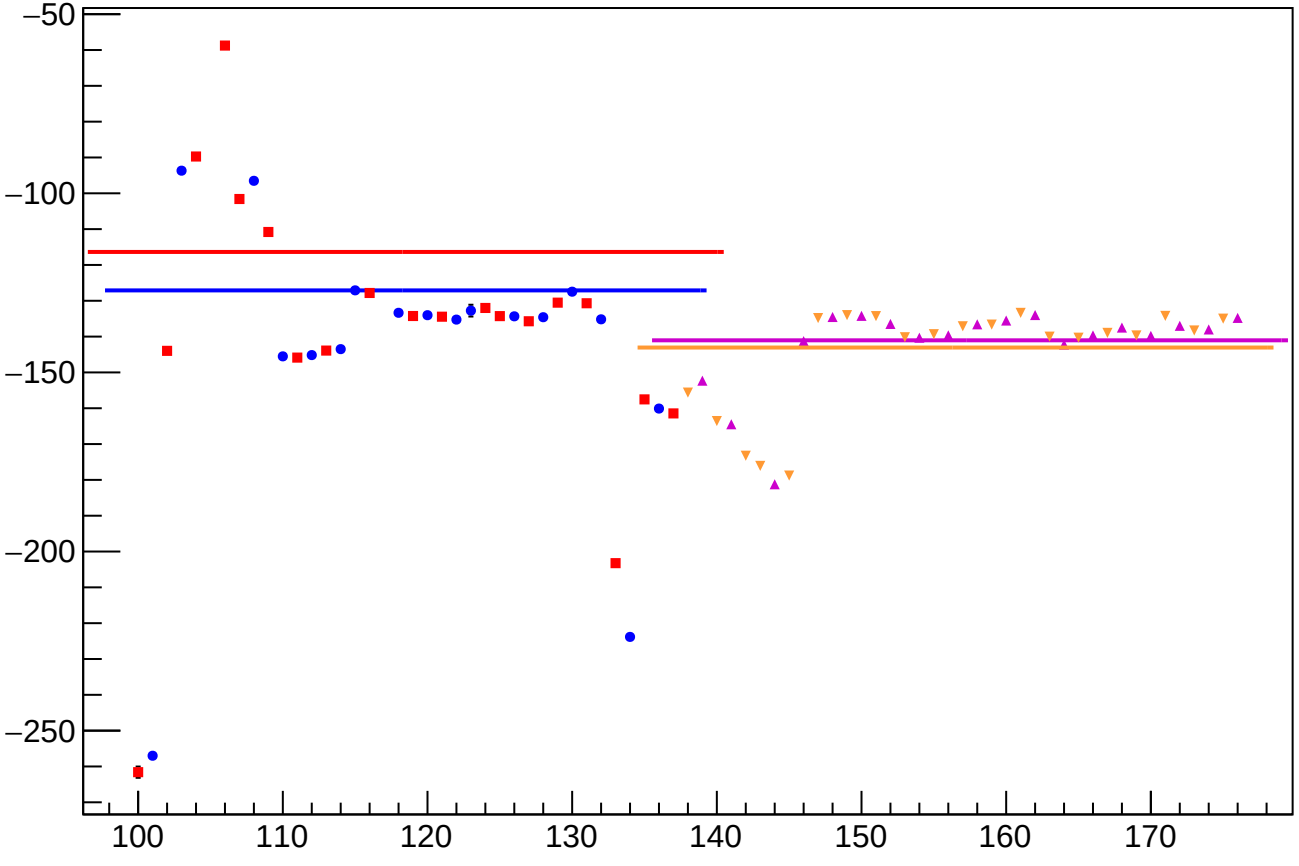
Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 60.120+/-0.895 χ^2/NDF:1009.4/35

Out: 58.239+/-0.866 χ^2/NDF:1152.4/38

All: 59.148+/-0.622 χ^2/NDF: 2164.1/74

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.105+/-0.089 χ^2/NDF: 167064.7/16

Left Out: -143.055+/-0.049 χ^2/NDF:73370.4/19

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -141.039+/-0.049 χ^2/NDF:45733.9/18

Left: -142.035+/-0.035 χ^2/NDF: 119946.7/38

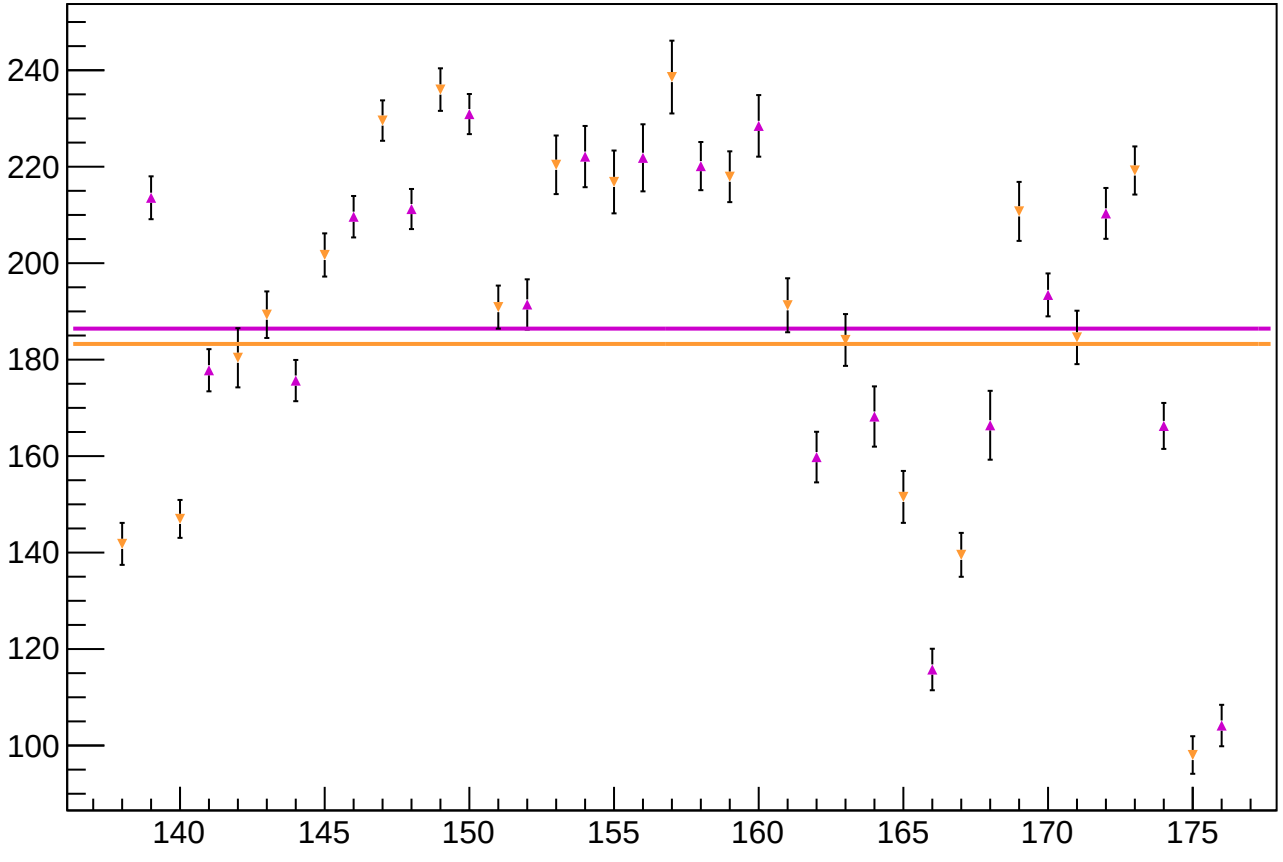
Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -137.838+/-0.043 χ^2/NDF:231497.9/35

Out: -136.060+/-0.042 χ^2/NDF:317386.8/38

All: -136.941+/-0.030 χ^2/NDF: 549753.3/74

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: 183.256+/-1.108 χ^2/NDF:1303.8/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 186.433+/-1.122 χ^2/NDF:1093.8/18

Left: 184.825+/-0.788 χ^2/NDF: 2401.7/38

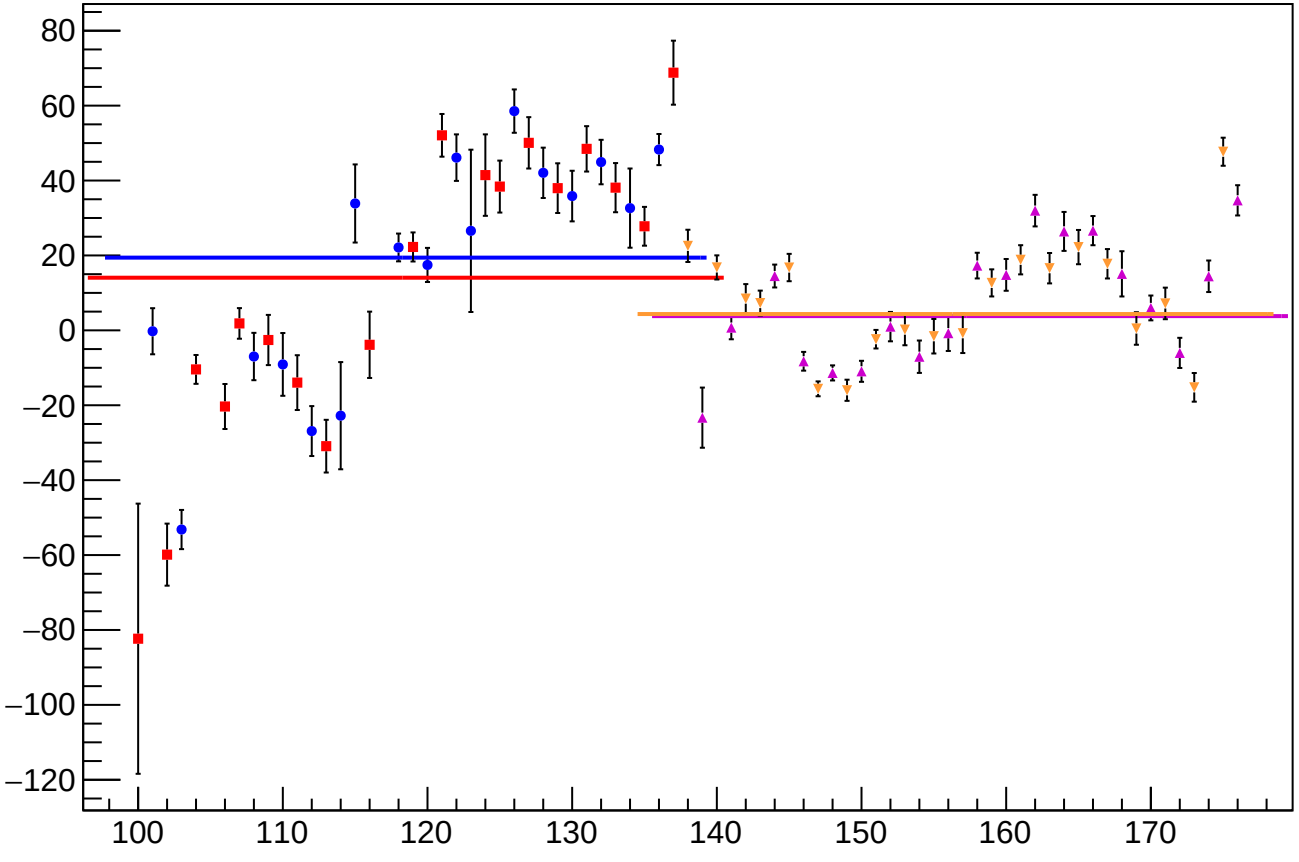
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 186.433+/-1.122 χ^2/NDF:1093.8/18

Out: 183.256+/-1.108 χ^2/NDF:1303.8/19

All: 184.825+/-0.788 χ^2/NDF: 2401.7/38

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416+/-1.480 χ^2/NDF: 441.1/16

Left Out: 4.354+/-0.784 χ^2/NDF:426.7/19

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: 3.801+/-0.812 χ^2/NDF:334.6/18

Left: 4.087+/-0.564 χ^2/NDF: 761.6/38

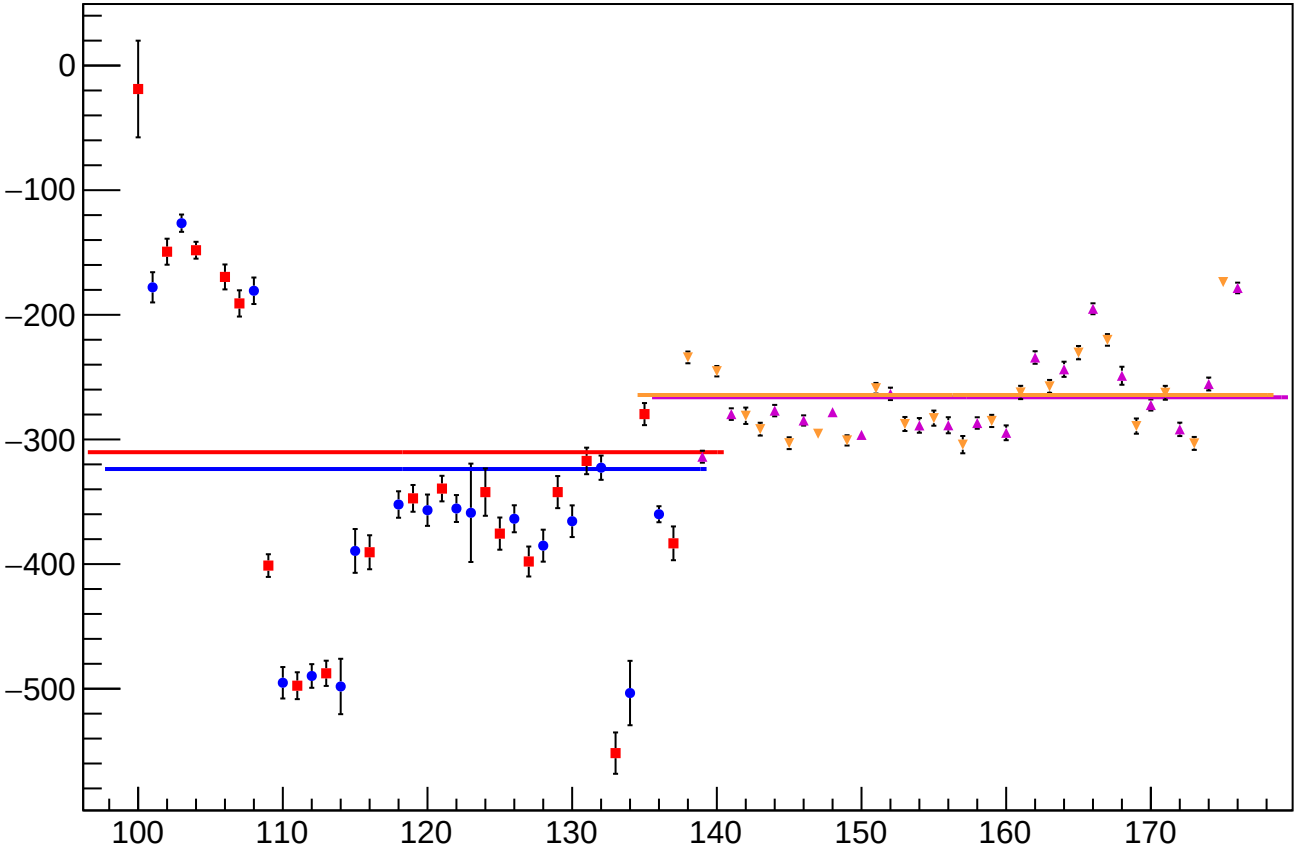
Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 7.412+/-0.712 χ^2/NDF:861.3/35

Out: 6.688+/-0.683 χ^2/NDF:900.1/38

All: 7.035+/-0.493 χ^2/NDF: 1762.0/74

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.721+/-2.668 χ^2/NDF: 1850.8/16

Left Out: -264.331+/-1.102 χ^2/NDF:1131.0/19

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -266.161+/-1.110 χ^2/NDF:1049.1/18

Left: -265.240+/-0.782 χ^2/NDF: 2181.4/38

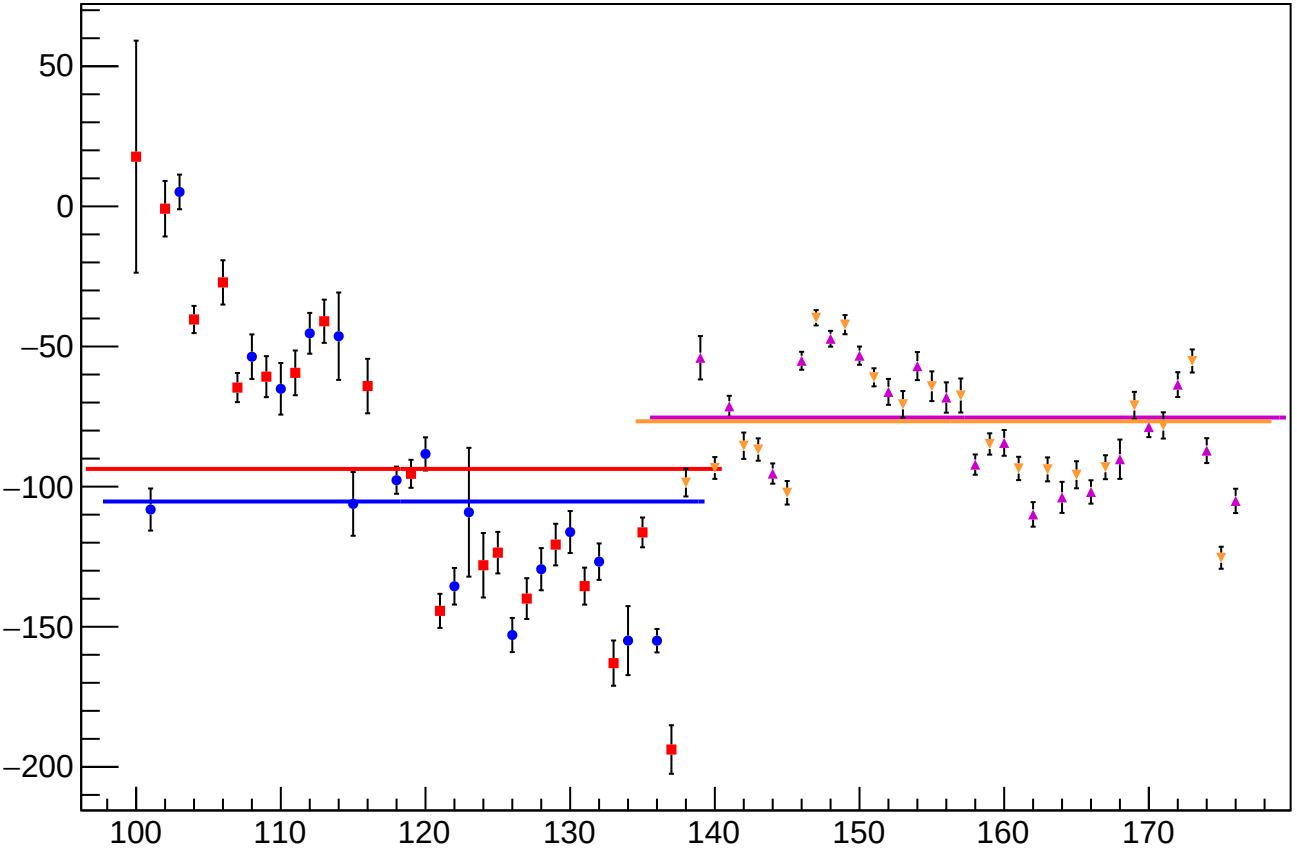
Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -274.651+/-1.025 χ^2/NDF:3296.6/35

Out: -271.685+/-1.010 χ^2/NDF:3708.8/38

All: -273.147+/-0.719 χ^2/NDF: 7009.7/74

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.309+/-1.693 χ^2/NDF: 737.5/16

Left Out: -76.690+/-0.918 χ^2/NDF:651.4/19

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -75.348+/-0.945 χ^2/NDF:464.8/18

Left: -76.038+/-0.659 χ^2/NDF: 1117.1/38

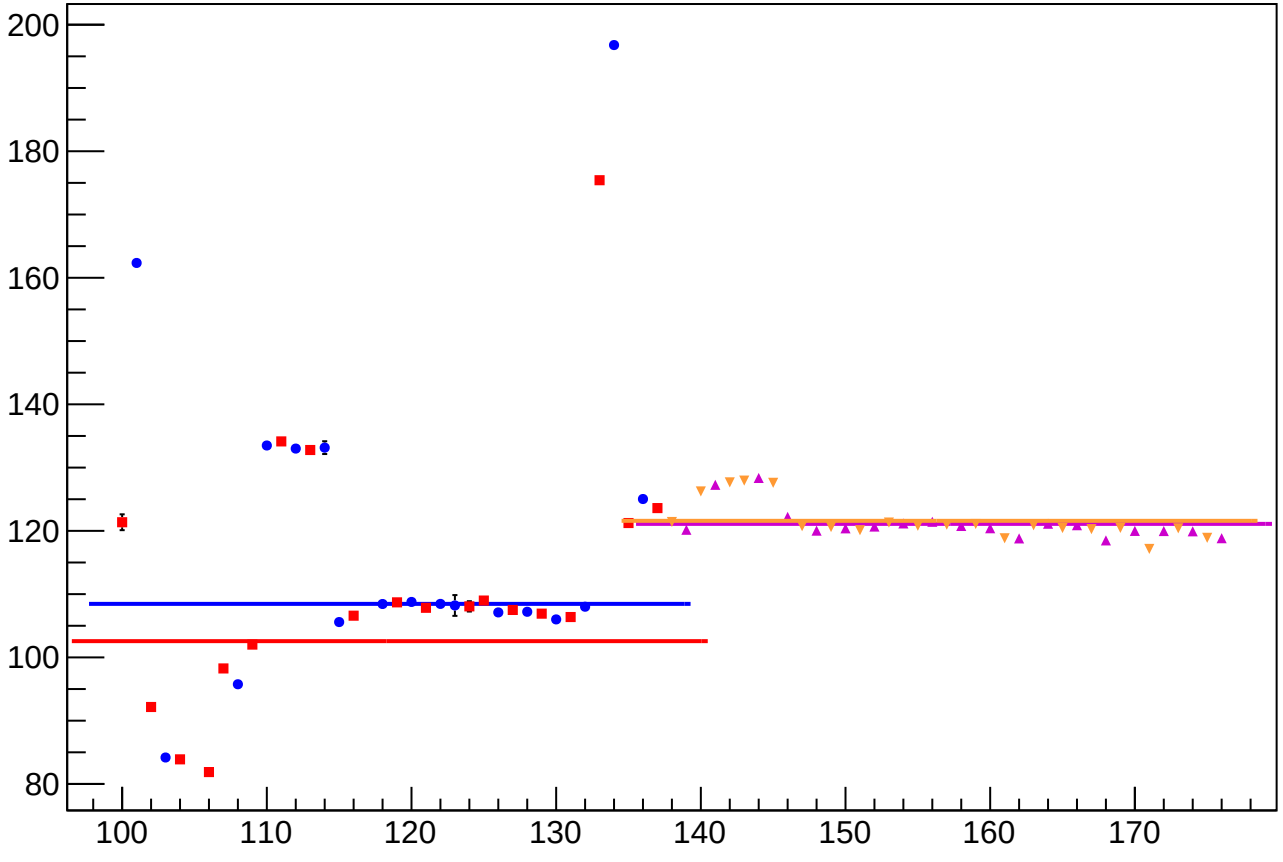
Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -82.461+/-0.825 χ^2/NDF:1441.0/35

Out: -80.855+/-0.798 χ^2/NDF:1561.8/38

All: -81.631+/-0.574 χ^2/NDF: 3004.7/74

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 121.586+/-0.044 χ^2/NDF:4351.6/19

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 121.104+/-0.044 χ^2/NDF:3024.2/18

Left: 121.344+/-0.031 χ^2/NDF: 7435.4/38

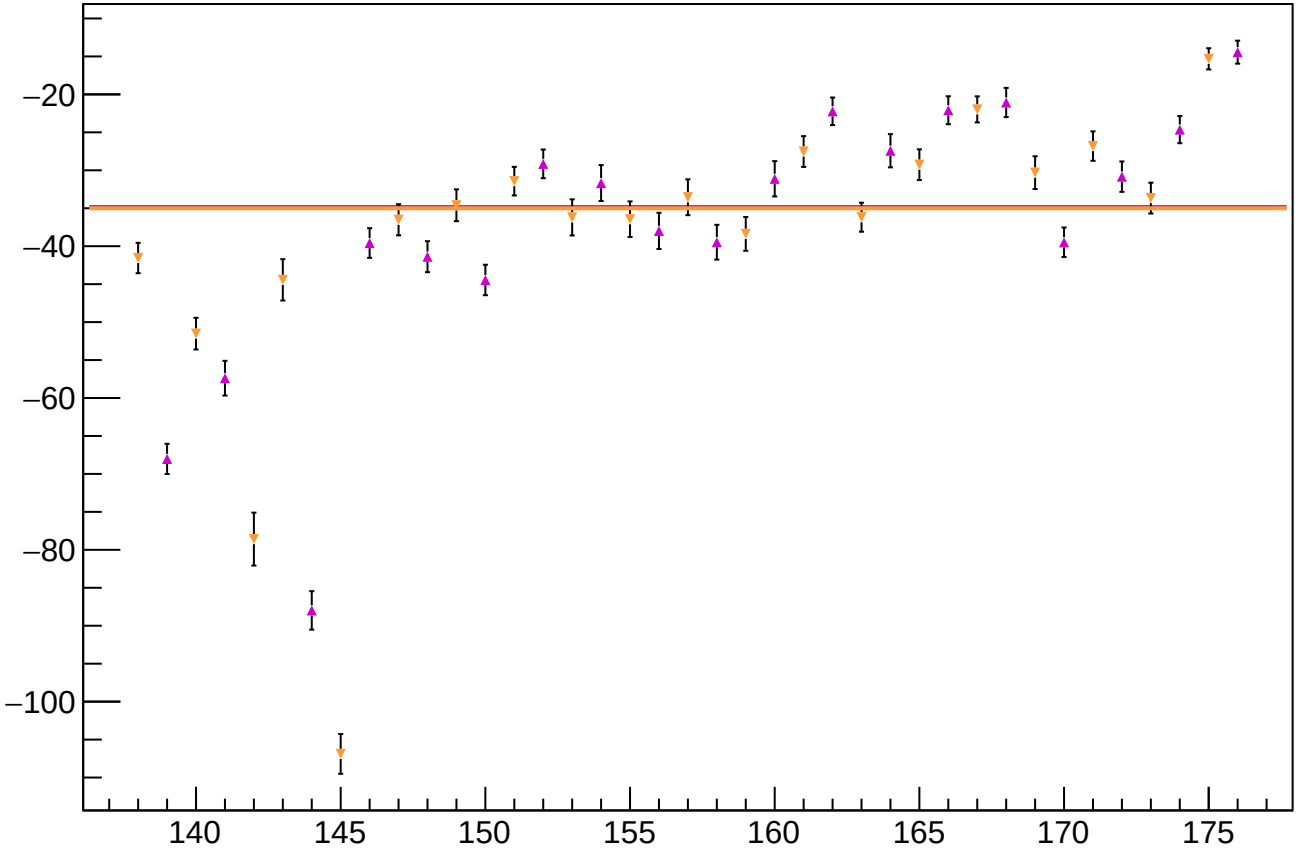
Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 118.415+/-0.039 χ^2/NDF:93861.7/35

Out: 117.086+/-0.039 χ^2/NDF:101216.2/38

All: 117.743+/-0.027 χ^2/NDF: 195662.2/74

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: -35.004+/-0.463 χ^2/NDF:1303.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -34.850+/-0.462 χ^2/NDF:1255.4/18

Left: -34.927+/-0.327 χ^2/NDF: 2559.1/38

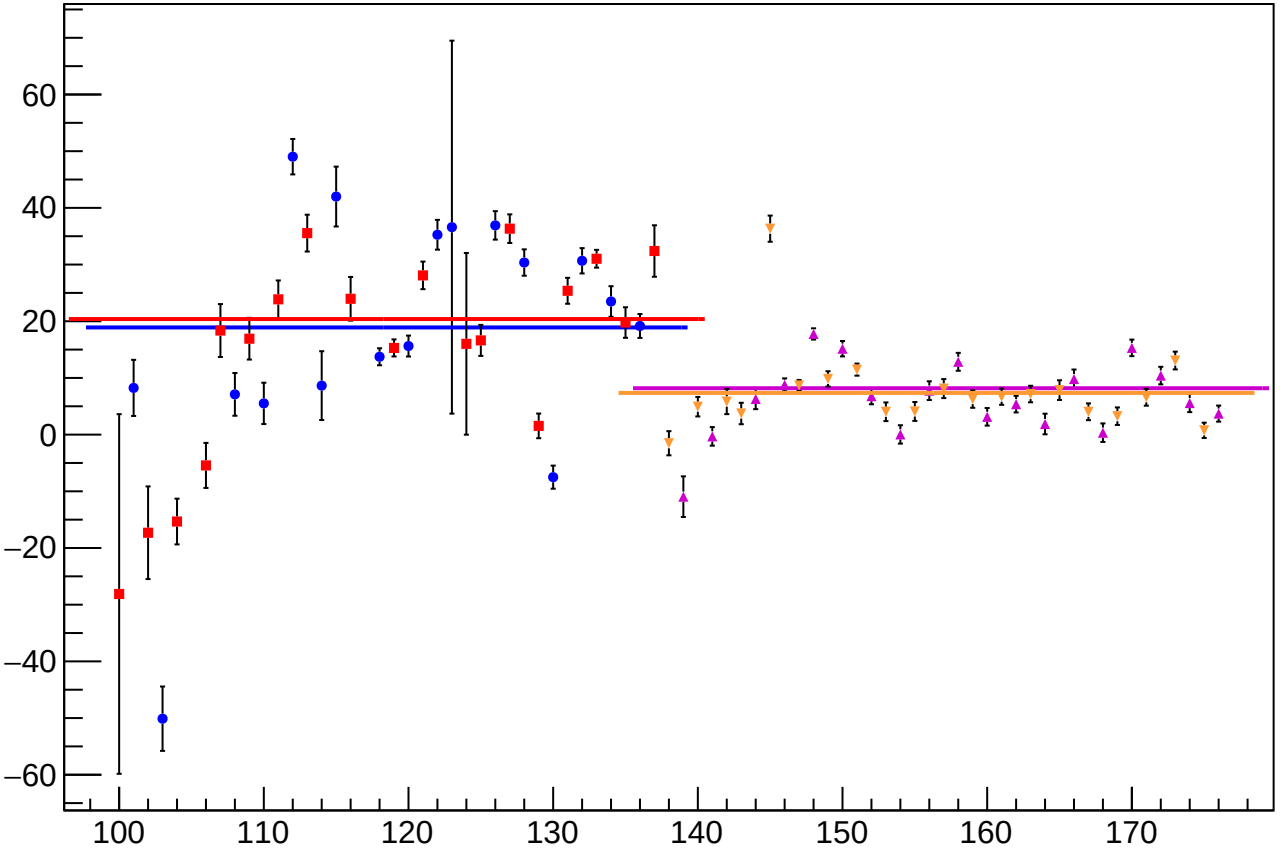
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.850+/-0.462 χ^2/NDF:1255.4/18

Out: -35.004+/-0.463 χ^2/NDF:1303.7/19

All: -34.927+/-0.327 χ^2/NDF: 2559.1/38

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906+/-0.644 χ^2/NDF: 618.9/16

Left Out: 7.356+/-0.337 χ^2/NDF:259.3/19

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 8.185+/-0.345 χ^2/NDF:300.1/18

Left: 7.761+/-0.241 χ^2/NDF: 562.4/38

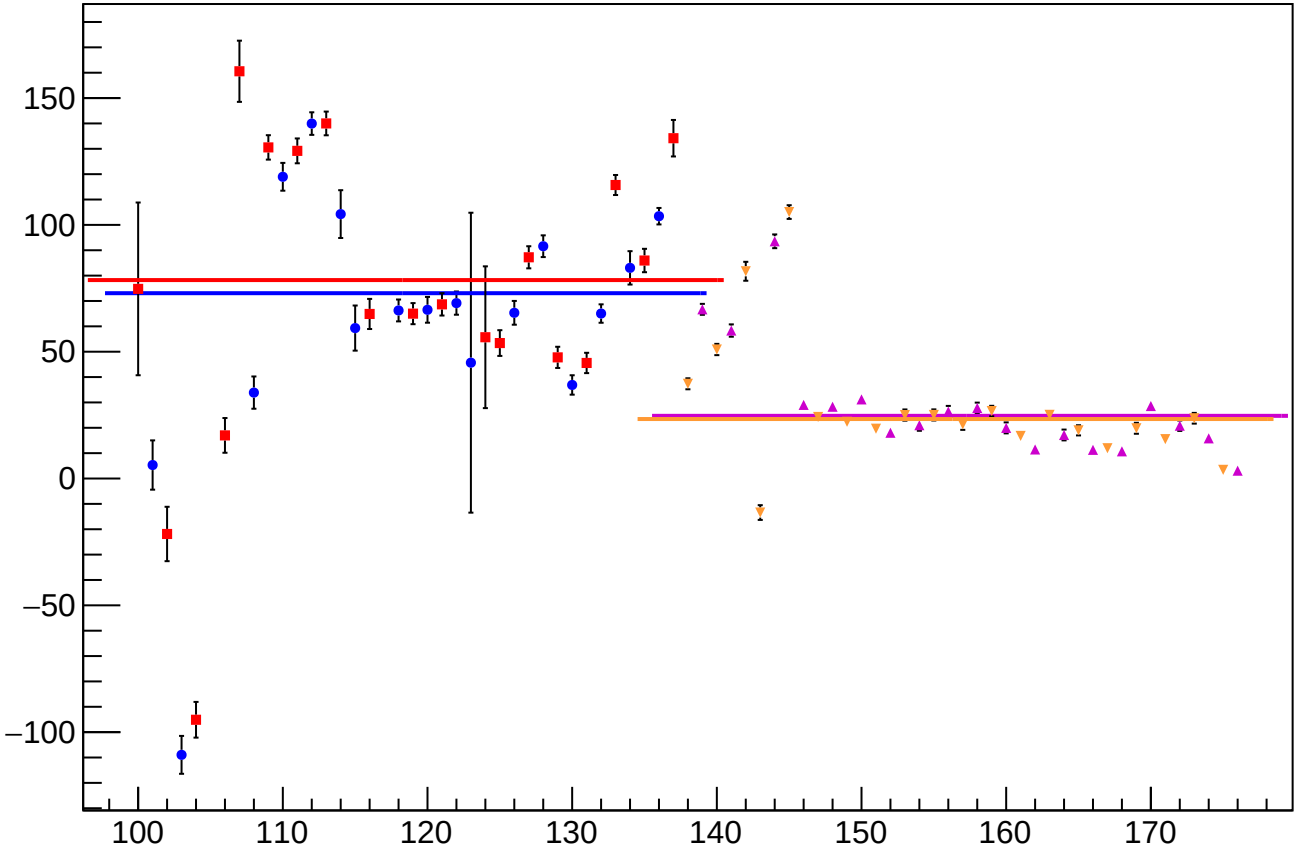
Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 10.574+/-0.304 χ^2/NDF:1134.7/35

Out: 10.161+/-0.299 χ^2/NDF:946.3/38

All: 10.364+/-0.213 χ^2/NDF: 2081.9/74

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071+/-1.228 χ^2/NDF: 1200.0/16

Left Out: 23.455+/-0.457 χ^2/NDF:1803.9/19

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 24.714+/-0.455 χ^2/NDF:1669.5/18

Left: 24.087+/-0.323 χ^2/NDF: 3477.2/38

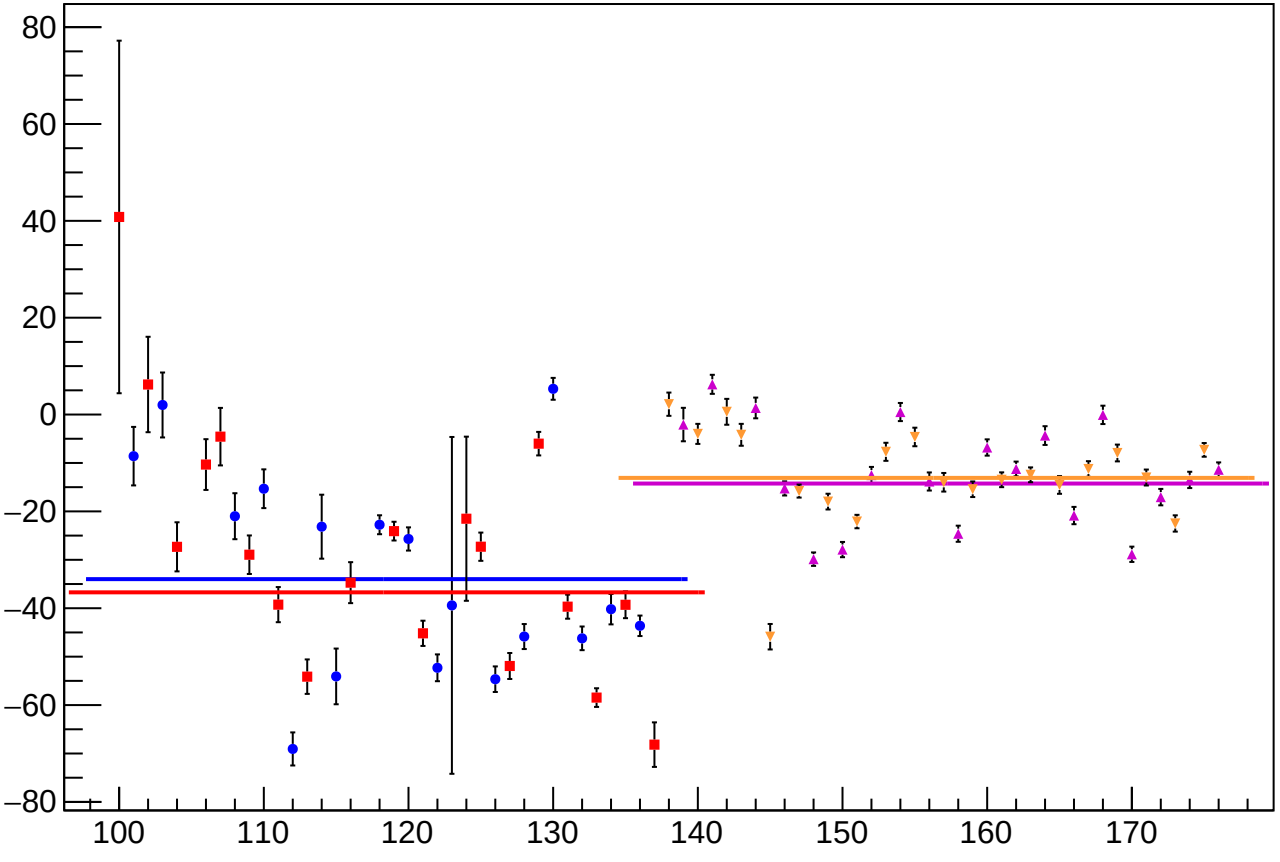
Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 30.562+/-0.427 χ^2/NDF:4233.0/35

Out: 30.171+/-0.428 χ^2/NDF:5108.5/38

All: 30.367+/-0.302 χ^2/NDF: 9341.9/74

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -13.082+/-0.388 χ^2/NDF:401.0/19

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -14.251+/-0.395 χ^2/NDF:689.5/18

Left: -13.656+/-0.277 χ^2/NDF: 1094.9/38

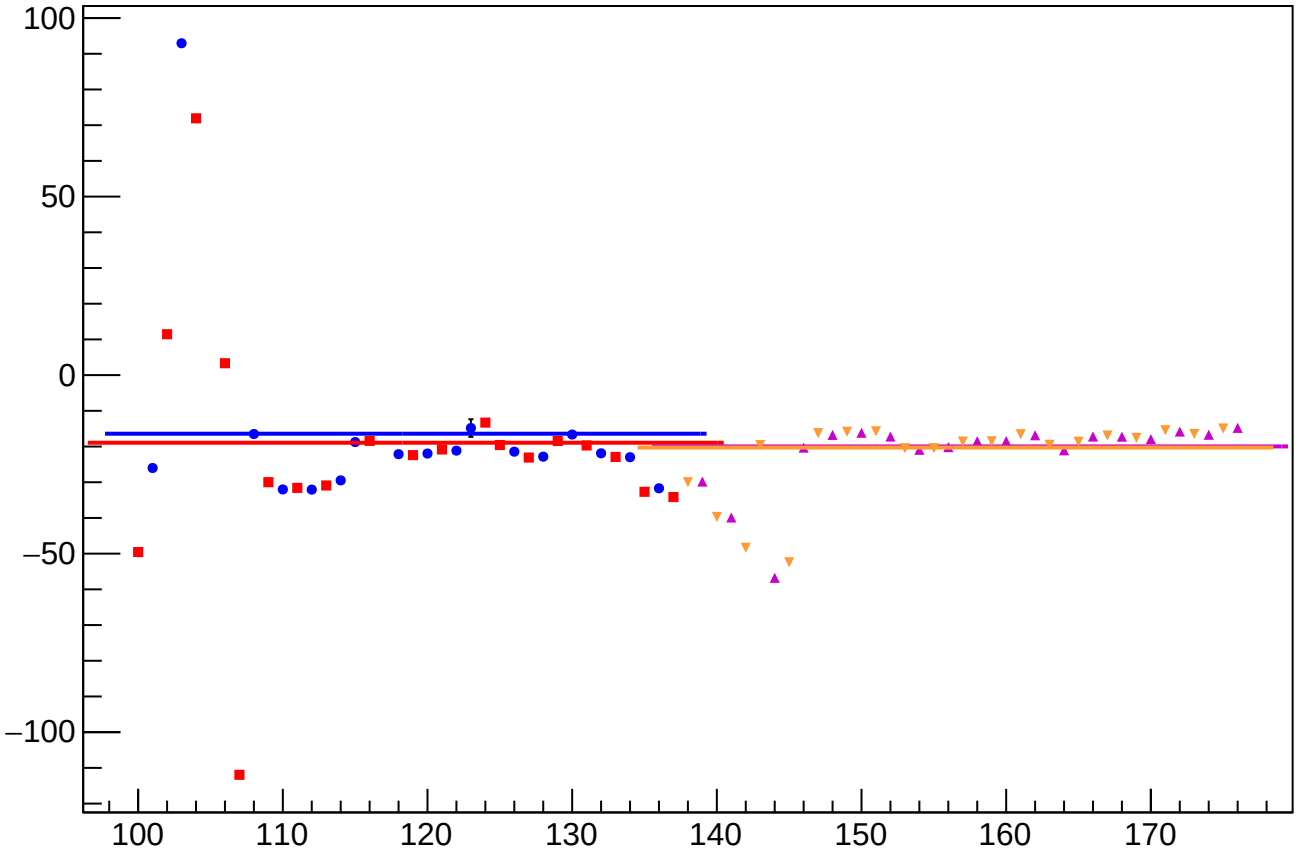
Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -18.661+/-0.348 χ^2/NDF:1967.5/35

Out: -18.210+/-0.343 χ^2/NDF:1749.8/38

All: -18.432+/-0.244 χ^2/NDF: 3718.2/74

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408+/-0.044 χ^2/NDF: 474368.4/16

Left Out: -20.280+/-0.018 χ^2/NDF:208086.2/19

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -19.969+/-0.018 χ^2/NDF:177475.7/18

Left: -20.122+/-0.013 χ^2/NDF: 385712.0/38

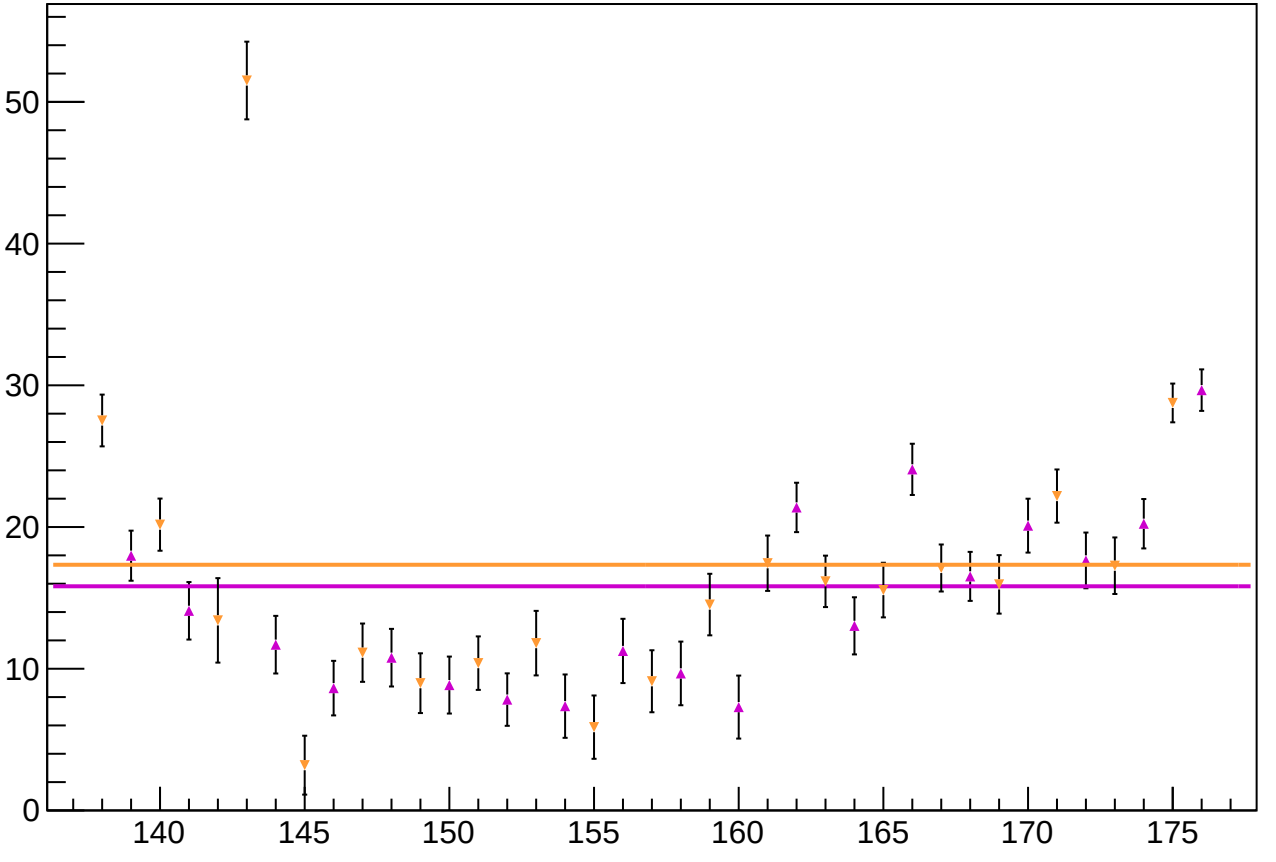
Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -19.476+/-0.017 χ^2/NDF:657379.4/35

Out: -20.094+/-0.017 χ^2/NDF:643000.9/38

All: -19.780+/-0.012 χ^2/NDF: 1301069.3/74

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 17.338+/-0.441 χ^2/NDF:401.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 15.818+/-0.439 χ^2/NDF:232.4/18

Left: 16.573+/-0.311 χ^2/NDF: 639.7/38

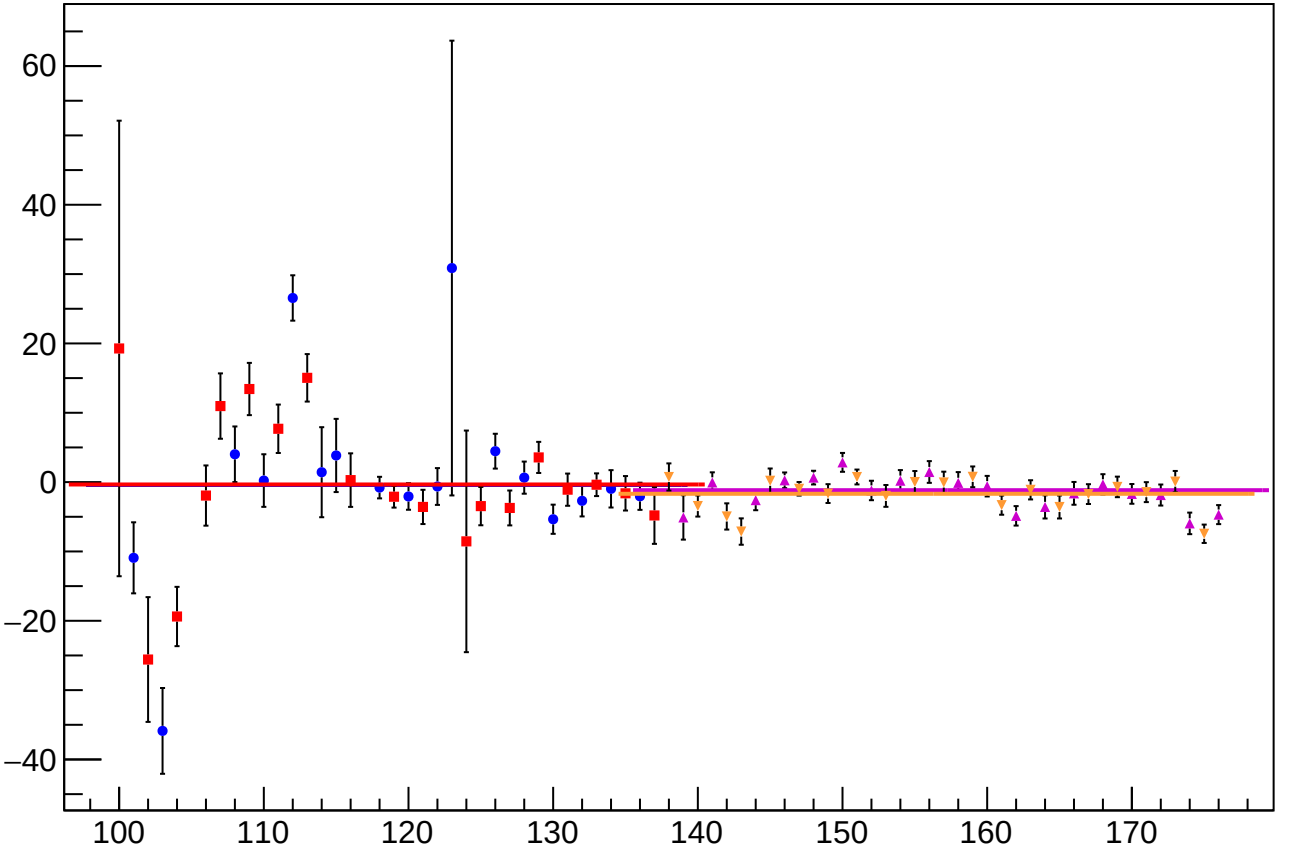
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 15.818+/-0.439 χ^2/NDF:232.4/18

Out: 17.338+/-0.441 χ^2/NDF:401.3/19

All: 16.573+/-0.311 χ^2/NDF: 639.7/38

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.414+/-0.653 χ^2/NDF: 119.9/16

Left Out: -1.685+/-0.324 χ^2/NDF:49.4/19

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -1.165+/-0.330 χ^2/NDF:46.8/18

Left: -1.430+/-0.231 χ^2/NDF: 97.4/38

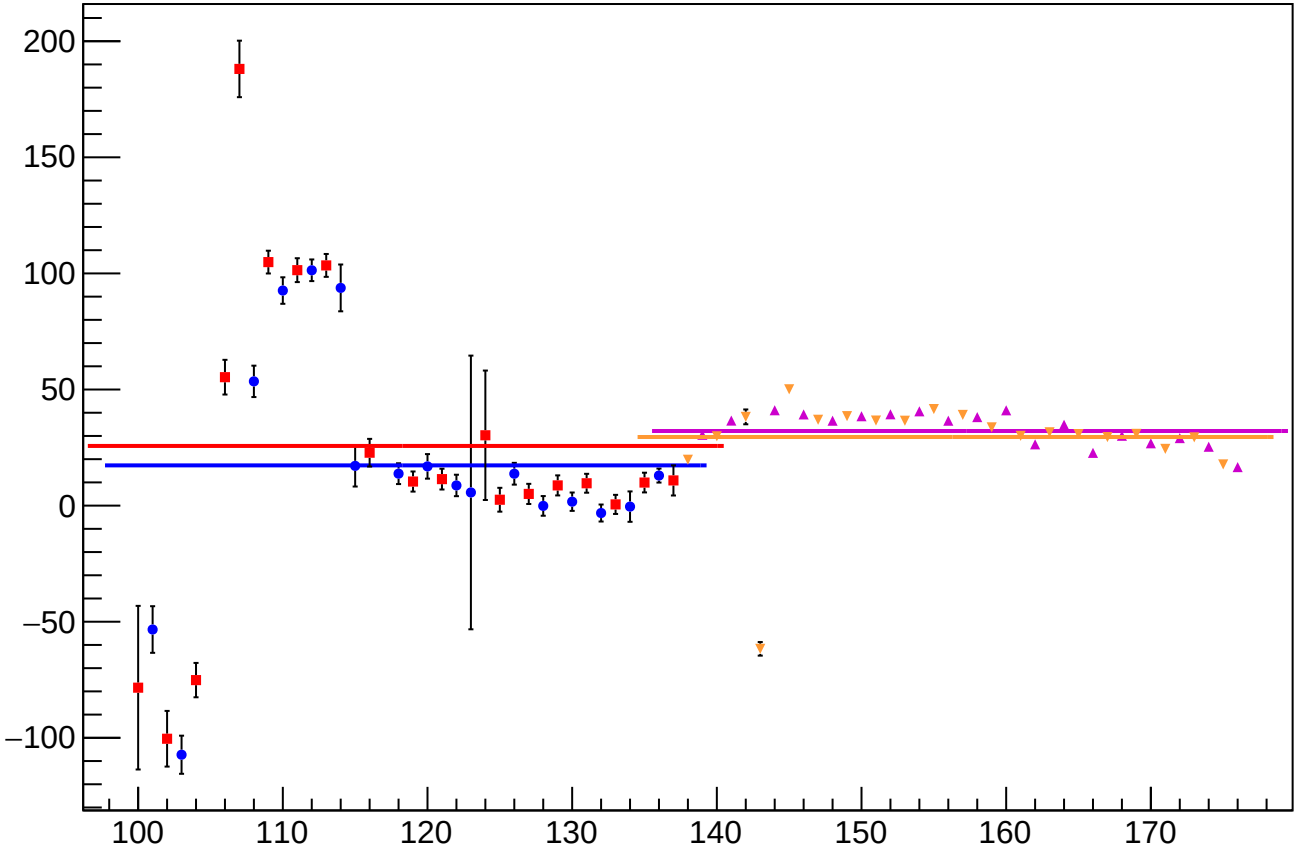
Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -1.012+/-0.295 χ^2/NDF:167.8/35

Out: -1.423+/-0.291 χ^2/NDF:136.4/38

All: -1.220+/-0.207 χ^2/NDF: 305.2/74

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 29.547+/-0.437 χ^2/NDF:1299.0/19

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 32.131+/-0.434 χ^2/NDF:297.3/18

Left: 30.848+/-0.308 χ^2/NDF: 1613.8/38

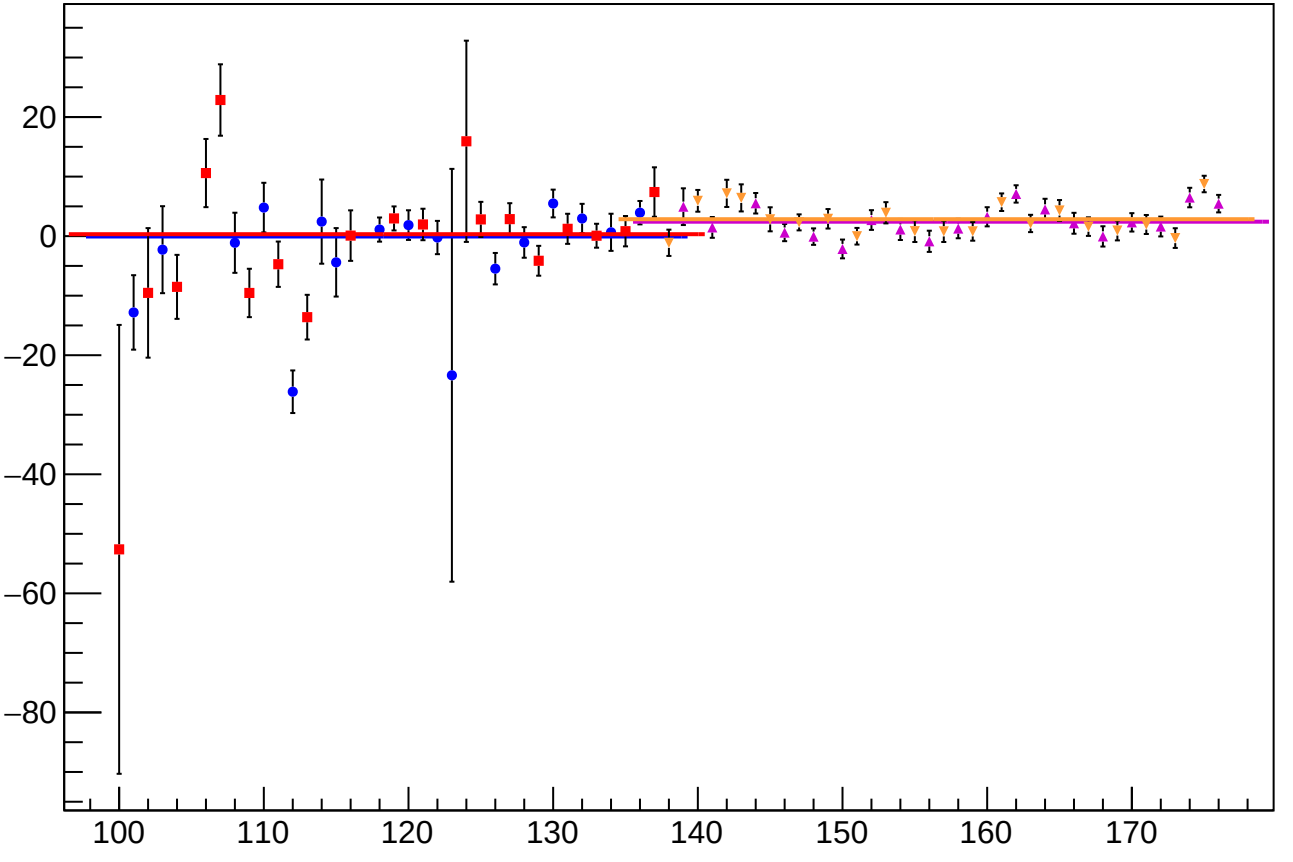
Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 30.513+/-0.410 χ^2/NDF:1367.6/35

Out: 29.124+/-0.412 χ^2/NDF:2686.6/38

All: 29.823+/-0.291 χ^2/NDF: 4059.9/74

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 2.843+/-0.372 χ^2/NDF:49.9/19

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 2.424+/-0.378 χ^2/NDF:46.6/18

Left: 2.637+/-0.265 χ^2/NDF: 97.1/38

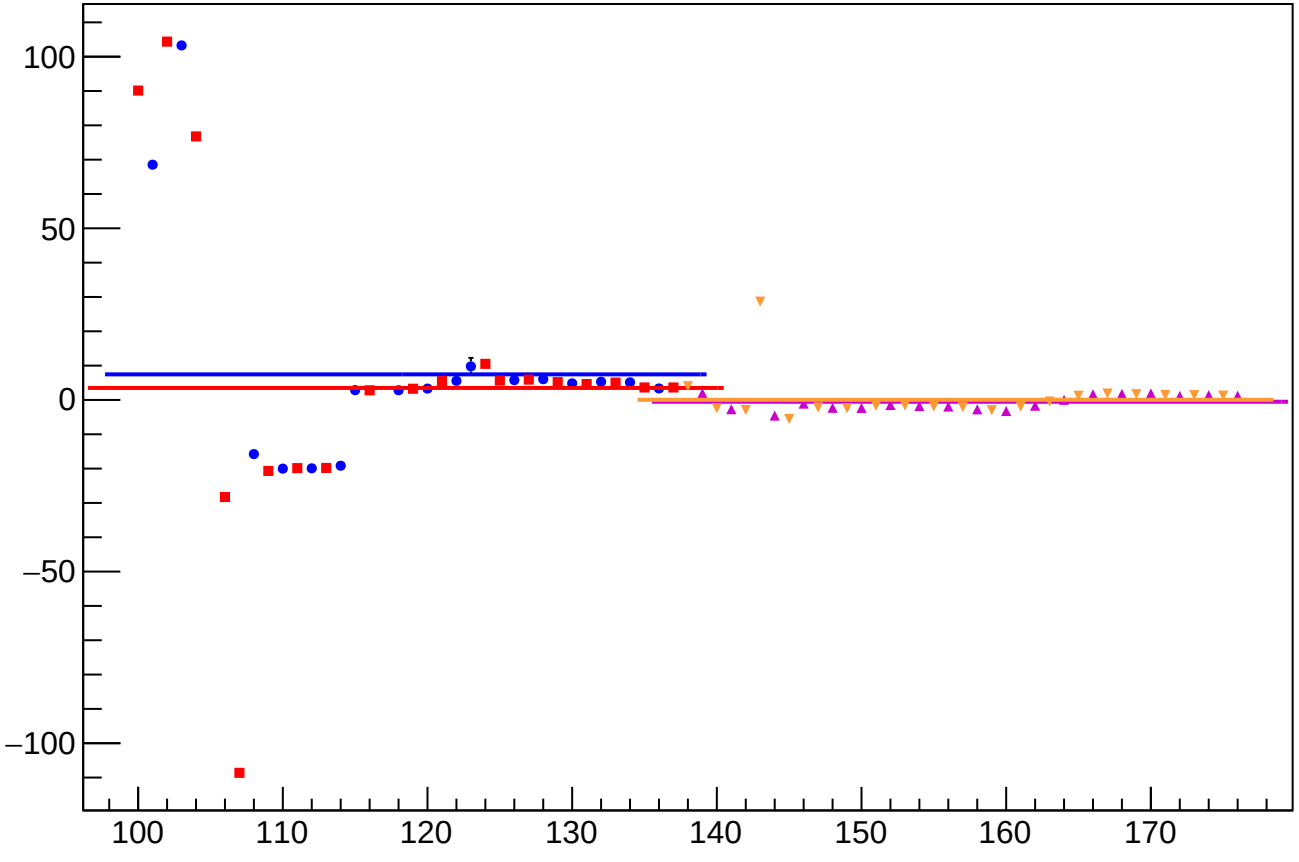
Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 1.915+/-0.337 χ^2/NDF:132.0/35

Out: 2.345+/-0.333 χ^2/NDF:114.1/38

All: 2.132+/-0.237 χ^2/NDF: 246.9/74

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.454+/-0.044 χ^2/NDF: 356053.3/16

Left Out: 0.049+/-0.017 χ^2/NDF:77229.0/19

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -0.523+/-0.017 χ^2/NDF:13513.7/18

Left: -0.242+/-0.012 χ^2/NDF: 91303.6/38

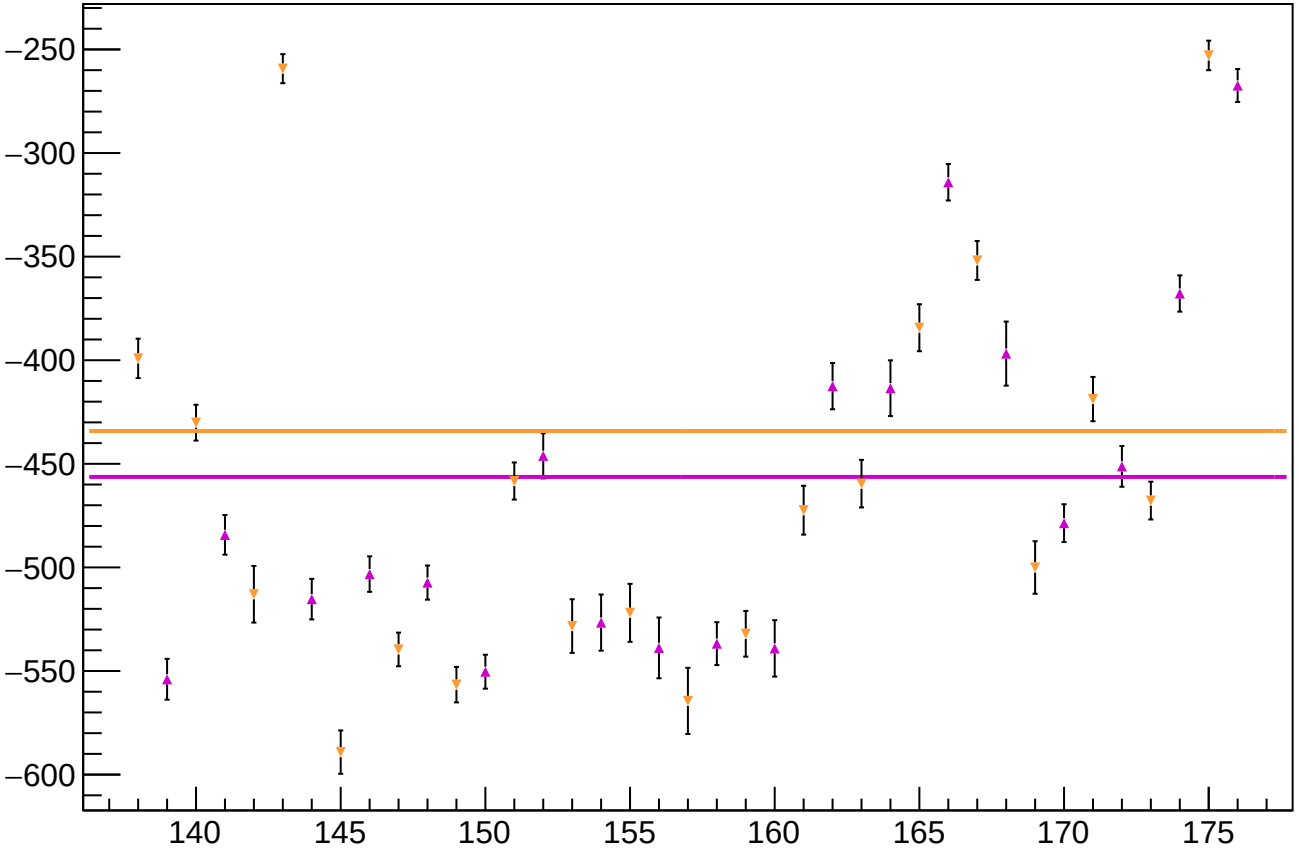
Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 0.488+/-0.016 χ^2/NDF:397726.9/35

Out: 0.482+/-0.016 χ^2/NDF:592835.1/38

All: 0.485+/-0.011 χ^2/NDF: 990562.1/74

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: -434.157+/-2.212 χ^2/NDF:2306.9/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -456.330+/-2.295 χ^2/NDF:1472.8/18

Left: -444.839+/-1.593 χ^2/NDF: 3828.2/38

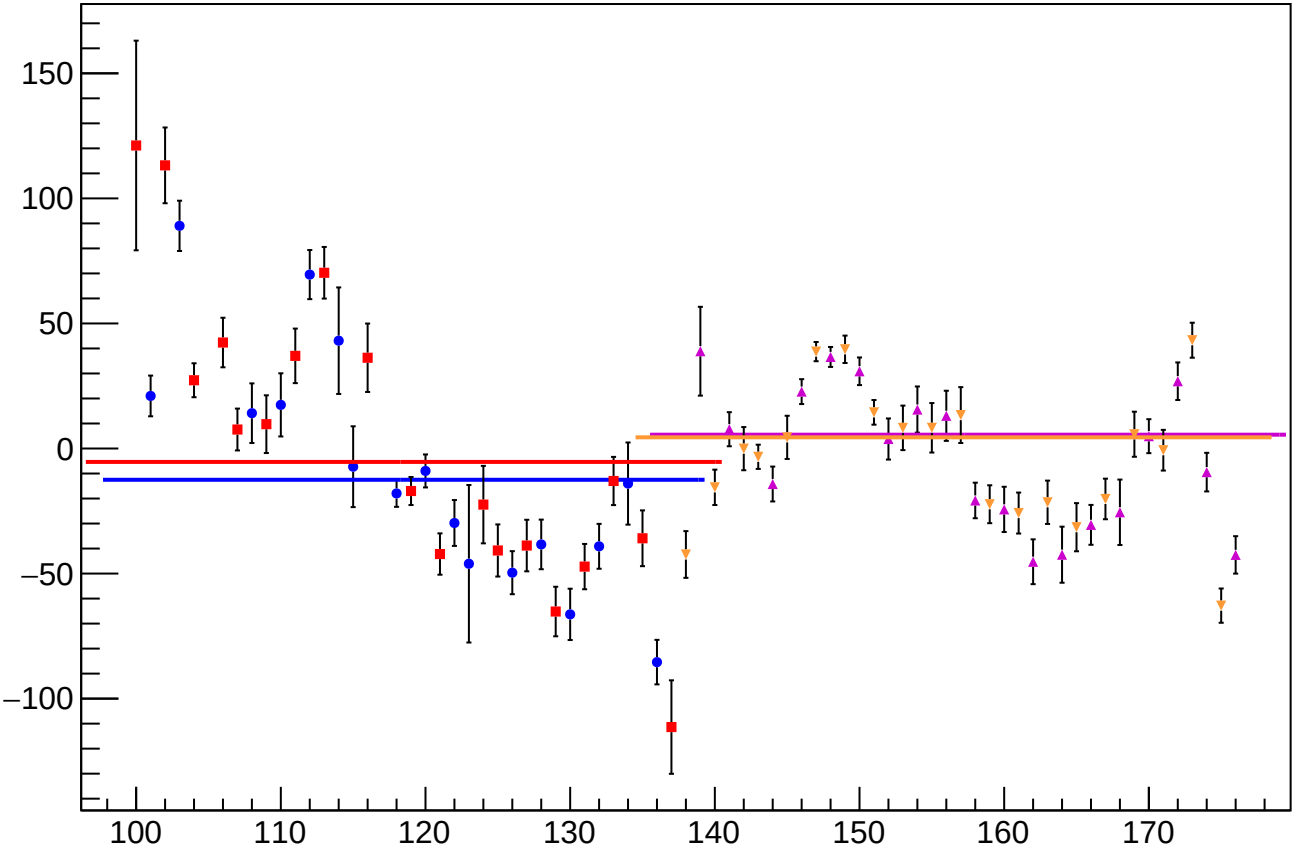
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -456.330+/-2.295 χ^2/NDF:1472.8/18

Out: -434.157+/-2.212 χ^2/NDF:2306.9/19

All: -444.839+/-1.593 χ^2/NDF: 3828.2/38

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500+/-2.311 χ^2/NDF: 341.1/16

Left Out: 4.472+/-1.553 χ^2/NDF:347.8/19

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 5.524+/-1.653 χ^2/NDF:261.5/18

Left: 4.965+/-1.132 χ^2/NDF: 609.5/38

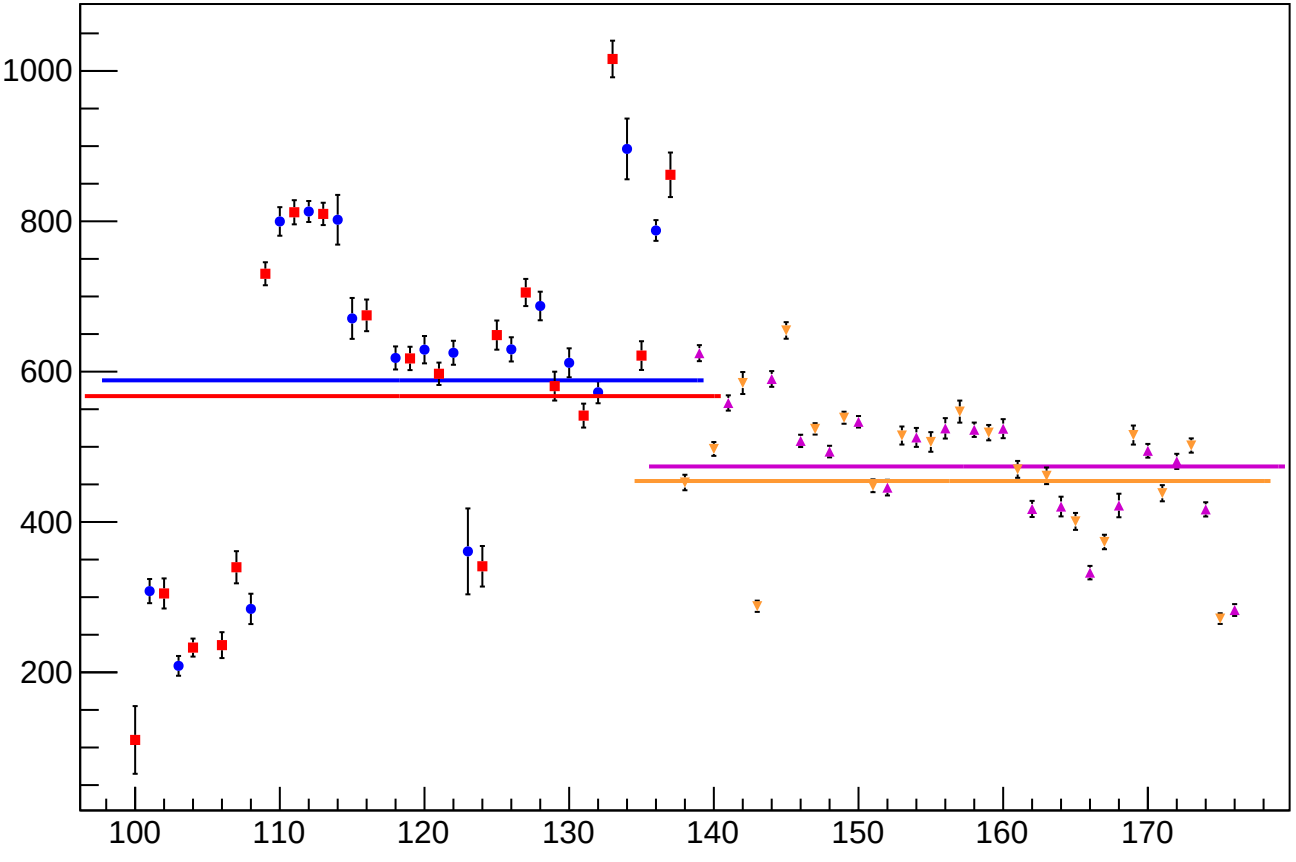
Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: -0.578+/-1.345 χ^2/NDF:642.8/35

Out: 1.327+/-1.280 χ^2/NDF:705.2/38

All: 0.421+/-0.927 χ^2/NDF: 1349.1/74

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.421+/-4.320 χ^2/NDF: 2130.2/16

Left Out: 454.504+/-2.202 χ^2/NDF:2049.7/19

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 473.863+/-2.268 χ^2/NDF:1481.4/18

Left: 463.899+/-1.580 χ^2/NDF: 3568.6/38

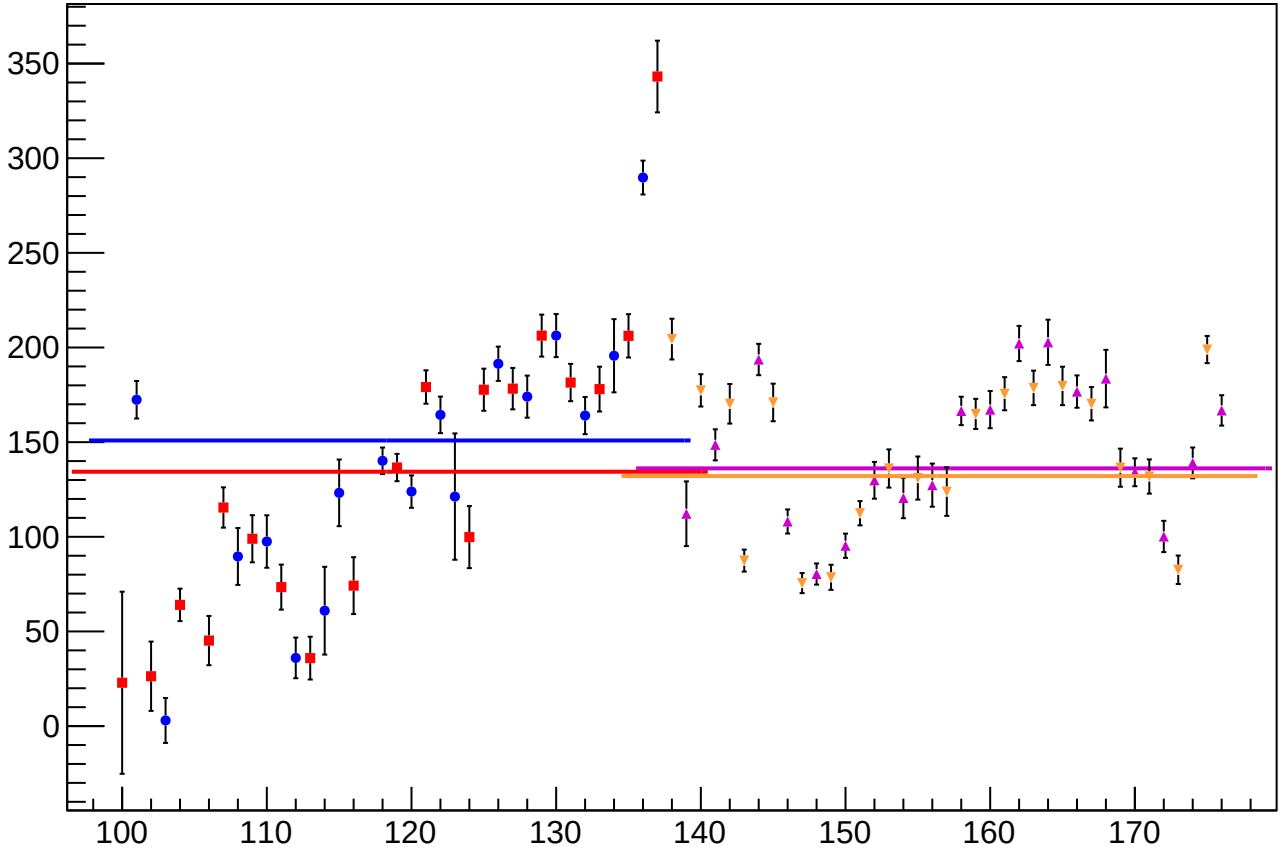
Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 498.612+/-2.008 χ^2/NDF:4162.8/35

Out: 479.446+/-1.944 χ^2/NDF:5415.4/38

All: 488.718+/-1.397 χ^2/NDF: 9625.2/74

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.891+/-2.674 χ^2/NDF: 634.8/16

Left Out: 132.092+/-1.825 χ^2/NDF:588.4/19

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 136.149+/-1.927 χ^2/NDF:389.4/18

Left: 134.011+/-1.325 χ^2/NDF: 980.1/38

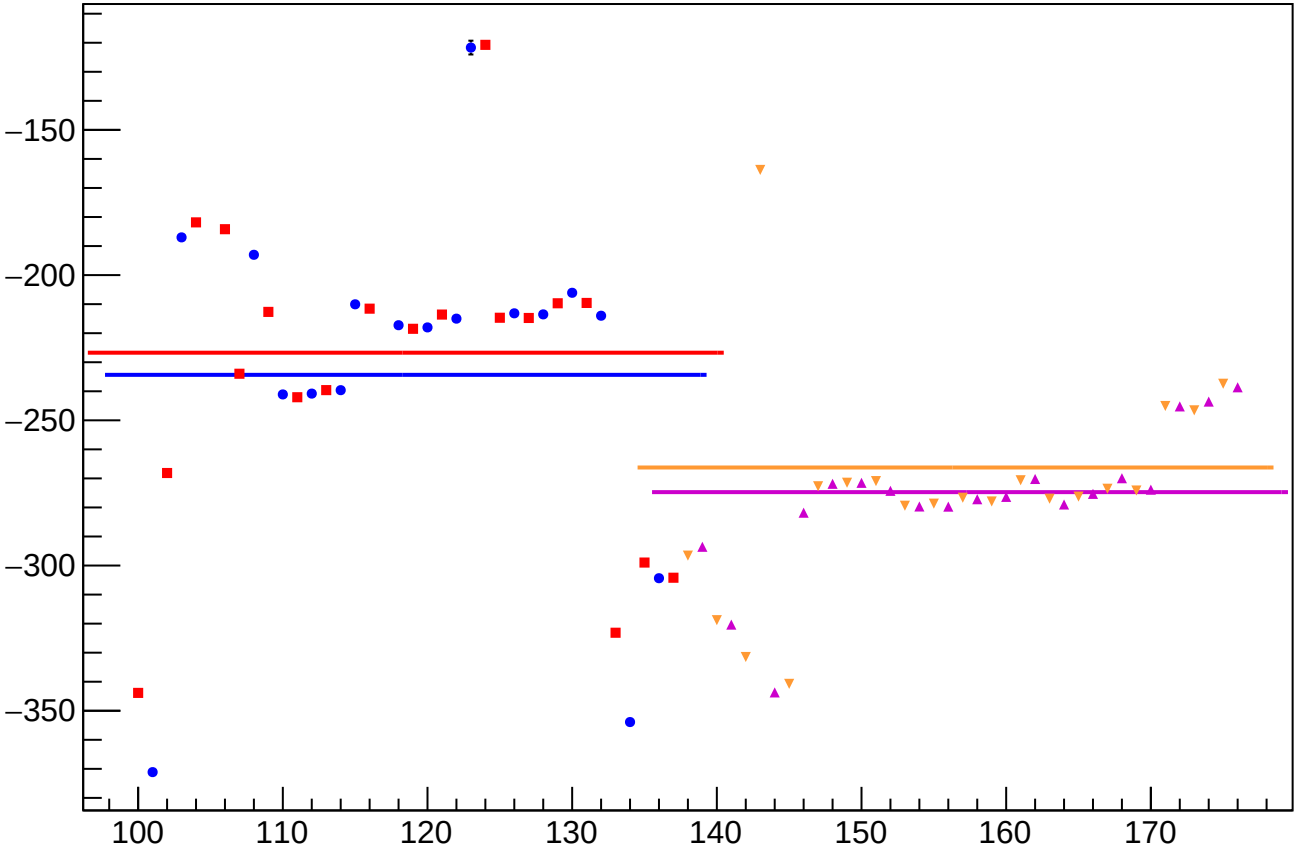
Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 141.188+/-1.563 χ^2/NDF:1044.2/35

Out: 132.840+/-1.498 χ^2/NDF:1173.8/38

All: 136.836+/-1.081 χ^2/NDF: 2232.9/74

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.341+/-0.148 χ^2/NDF: 145165.1/16

Left Out: -266.243+/-0.089 χ^2/NDF:199267.0/19

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -274.726+/-0.090 χ^2/NDF:63441.7/18

Left: -270.420+/-0.063 χ^2/NDF: 267197.4/38

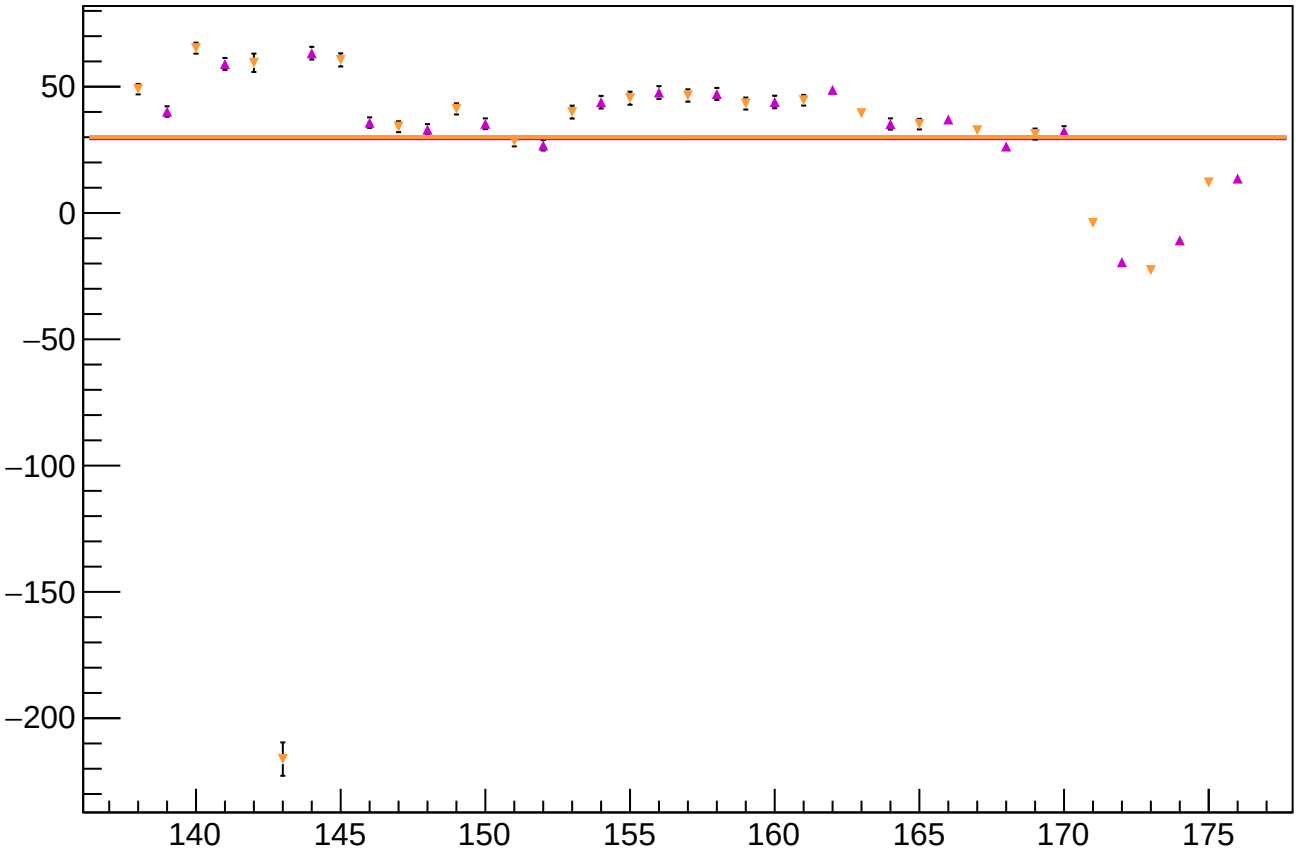
Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -263.819+/-0.077 χ^2/NDF:262732.1/35

Out: -255.047+/-0.075 χ^2/NDF:354775.1/38

All: -259.326+/-0.054 χ^2/NDF: 624142.7/74

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 30.097+/-0.484 χ^2/NDF:3389.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 29.596+/-0.474 χ^2/NDF:2006.8/18

Left: 29.841+/-0.339 χ^2/NDF: 5396.7/38

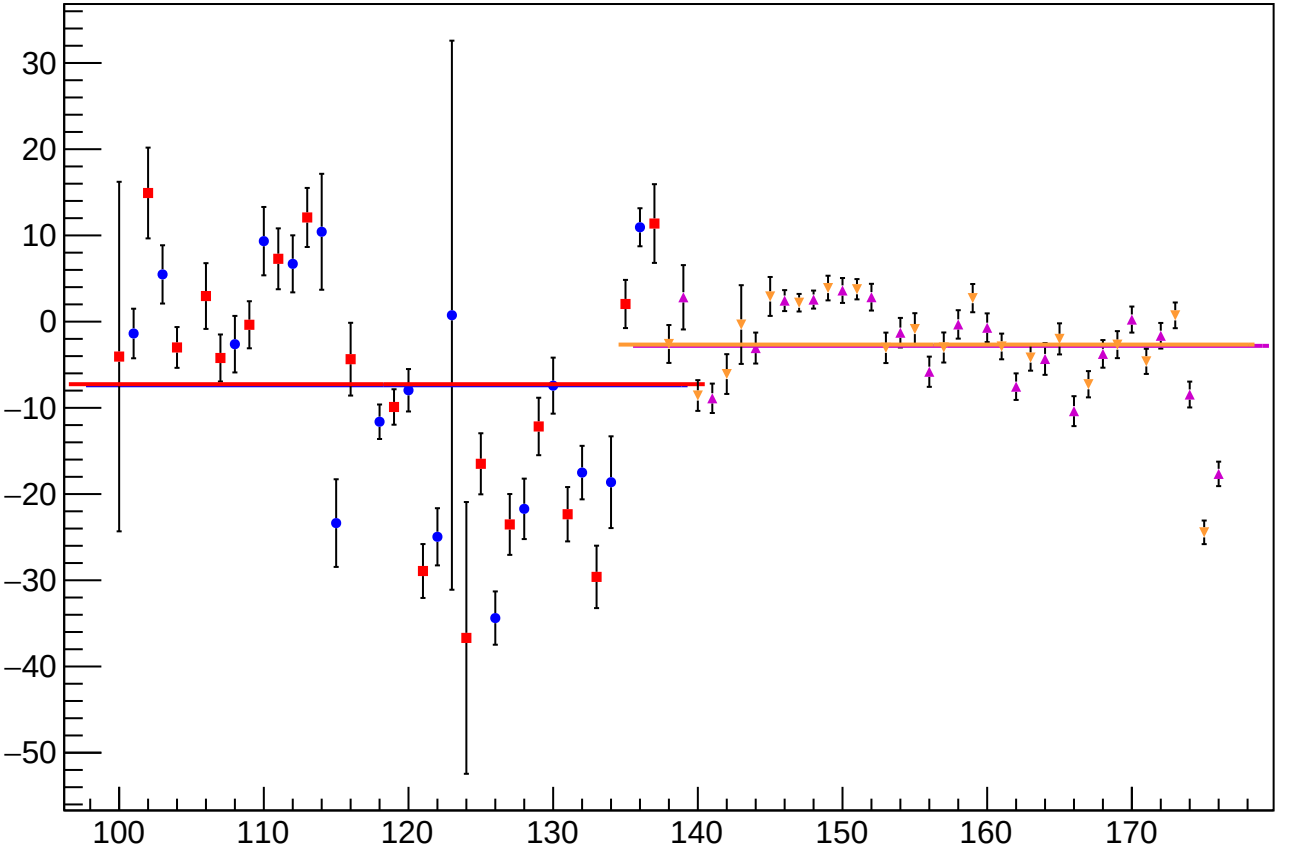
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 29.596+/-0.474 χ^2/NDF:2006.8/18

Out: 30.097+/-0.484 χ^2/NDF:3389.4/19

All: 29.841+/-0.339 χ^2/NDF: 5396.7/38

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.381+/-0.779 χ^2/NDF: 283.6/16

Left Out: -2.661+/-0.355 χ^2/NDF:375.1/19

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -2.809+/-0.356 χ^2/NDF:258.5/18

Left: -2.735+/-0.252 χ^2/NDF: 633.6/38

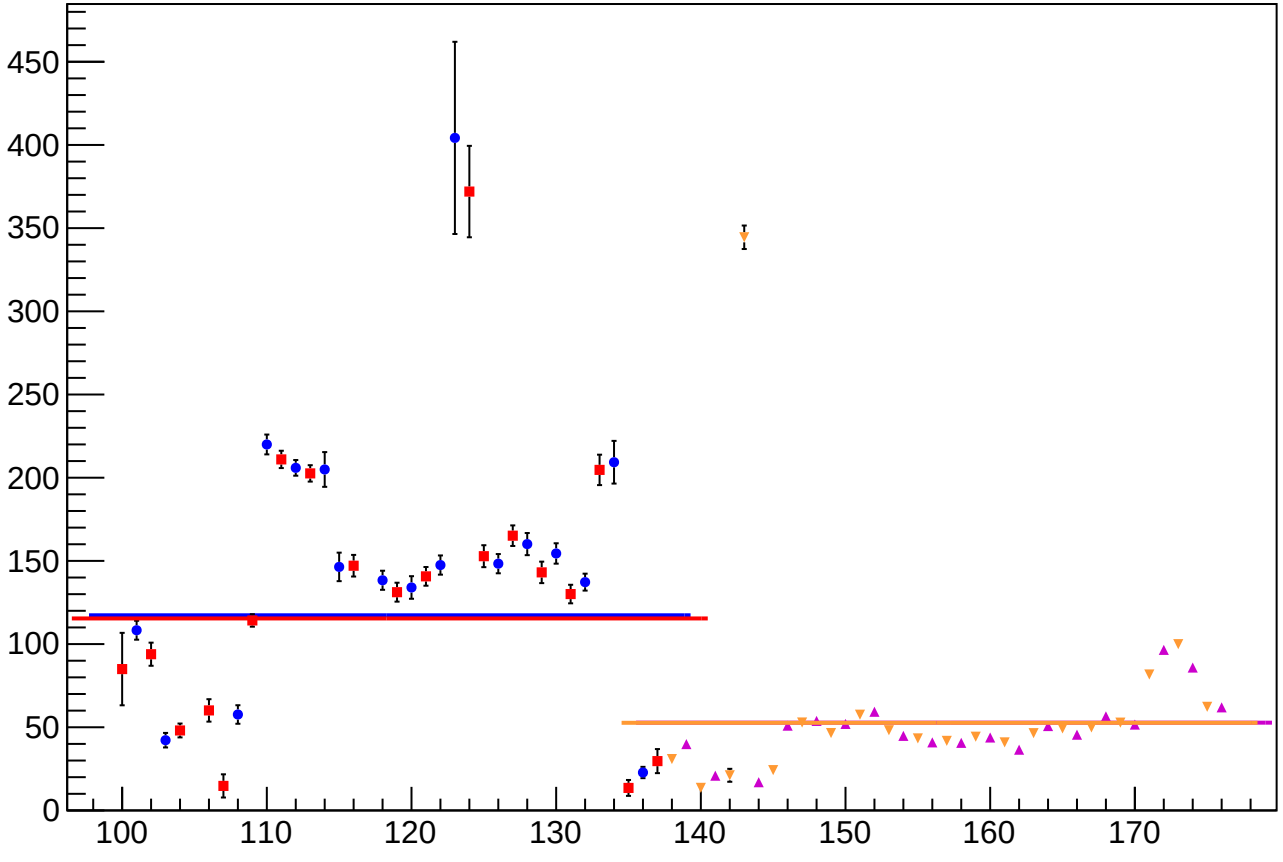
Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -3.600+/-0.324 χ^2/NDF:570.6/35

Out: -3.482+/-0.322 χ^2/NDF:662.2/38

All: -3.541+/-0.228 χ^2/NDF: 1232.9/74

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 52.690+/-0.478 χ^2/NDF:3209.2/19

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 52.764+/-0.469 χ^2/NDF:1418.1/18

Left: 52.728+/-0.335 χ^2/NDF: 4627.3/38

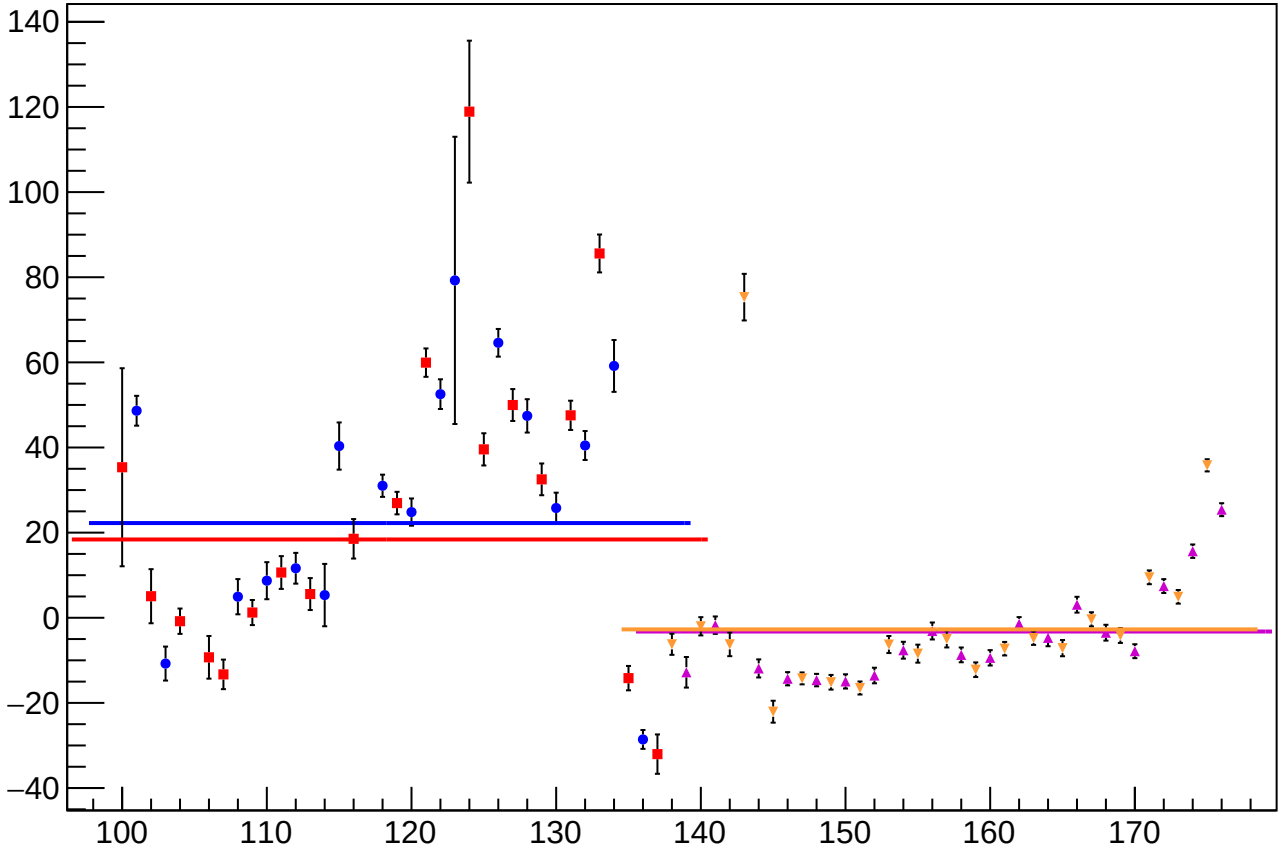
Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 59.205+/-0.445 χ^2/NDF:5469.1/35

Out: 59.591+/-0.451 χ^2/NDF:7250.5/38

All: 59.395+/-0.317 χ^2/NDF: 12720.0/74

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250+/-0.889 χ^2/NDF: 1071.4/16

Left Out: -2.730+/-0.407 χ^2/NDF:1325.5/19

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -3.233+/-0.407 χ^2/NDF:804.0/18

Left: -2.981+/-0.288 χ^2/NDF: 2130.2/38

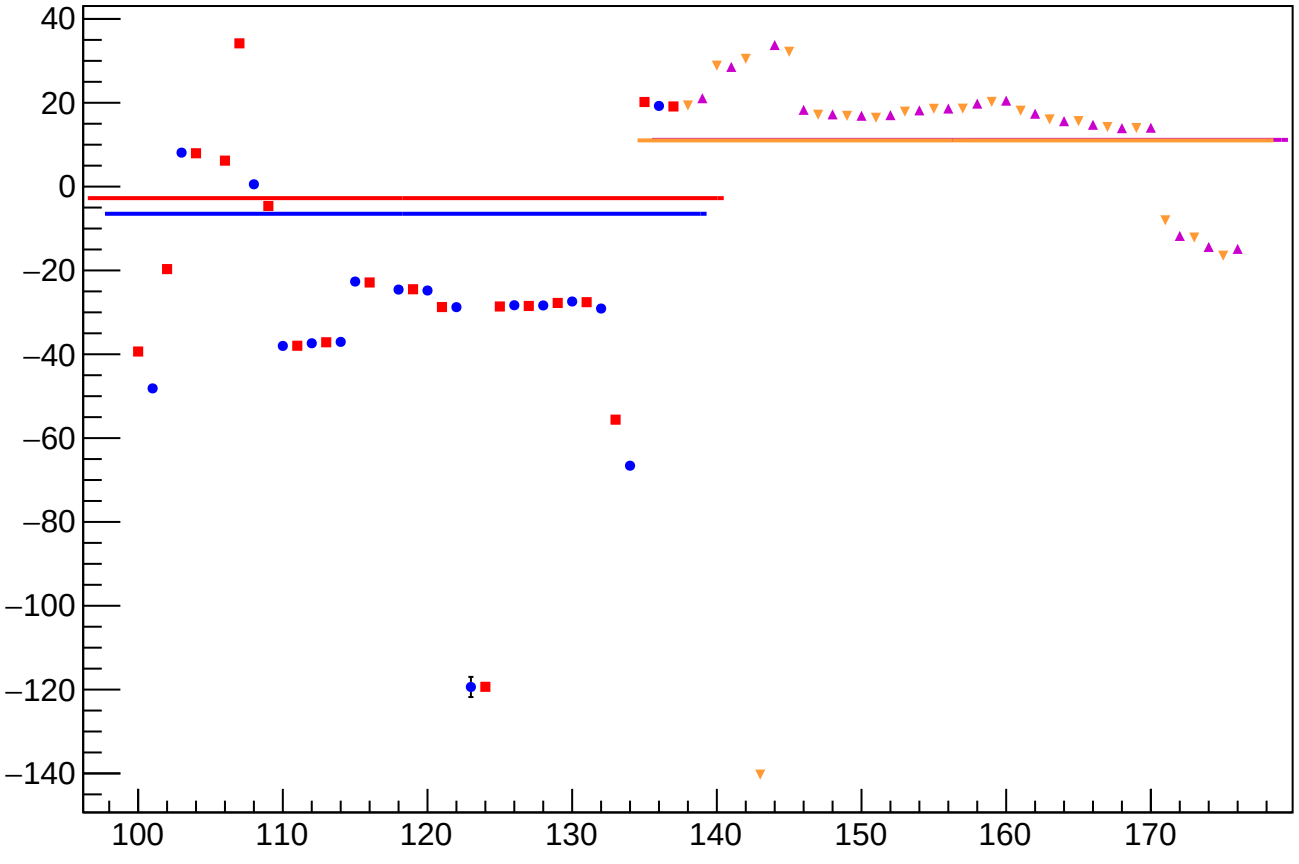
Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: 1.189+/-0.370 χ^2/NDF:2554.3/35

Out: 1.054+/-0.369 χ^2/NDF:2884.6/38

All: 1.121+/-0.261 χ^2/NDF: 5438.9/74

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 11.024+/-0.019 χ^2/NDF:790970.8/19

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 11.153+/-0.018 χ^2/NDF:572381.4/18

Left: 11.091+/-0.013 χ^2/NDF: 1363376.1/38

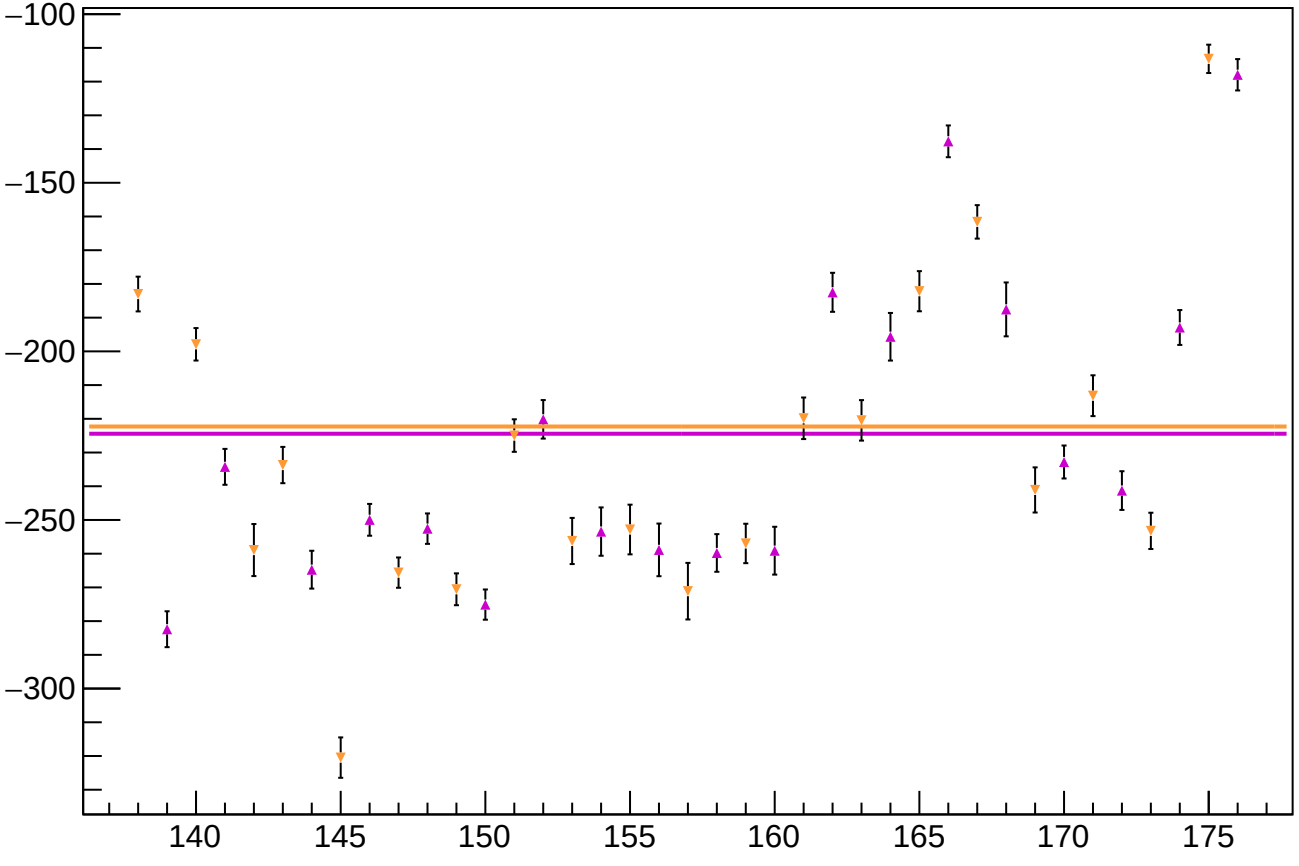
Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 8.753+/-0.017 χ^2/NDF:964261.9/35

Out: 9.010+/-0.017 χ^2/NDF:1134905.8/38

All: 8.878+/-0.012 χ^2/NDF: 2099278.2/74

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: -222.285+/-1.246 χ^2/NDF:1598.2/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -224.426+/-1.259 χ^2/NDF:1471.9/18

Left: -223.345+/-0.886 χ^2/NDF: 3071.5/38

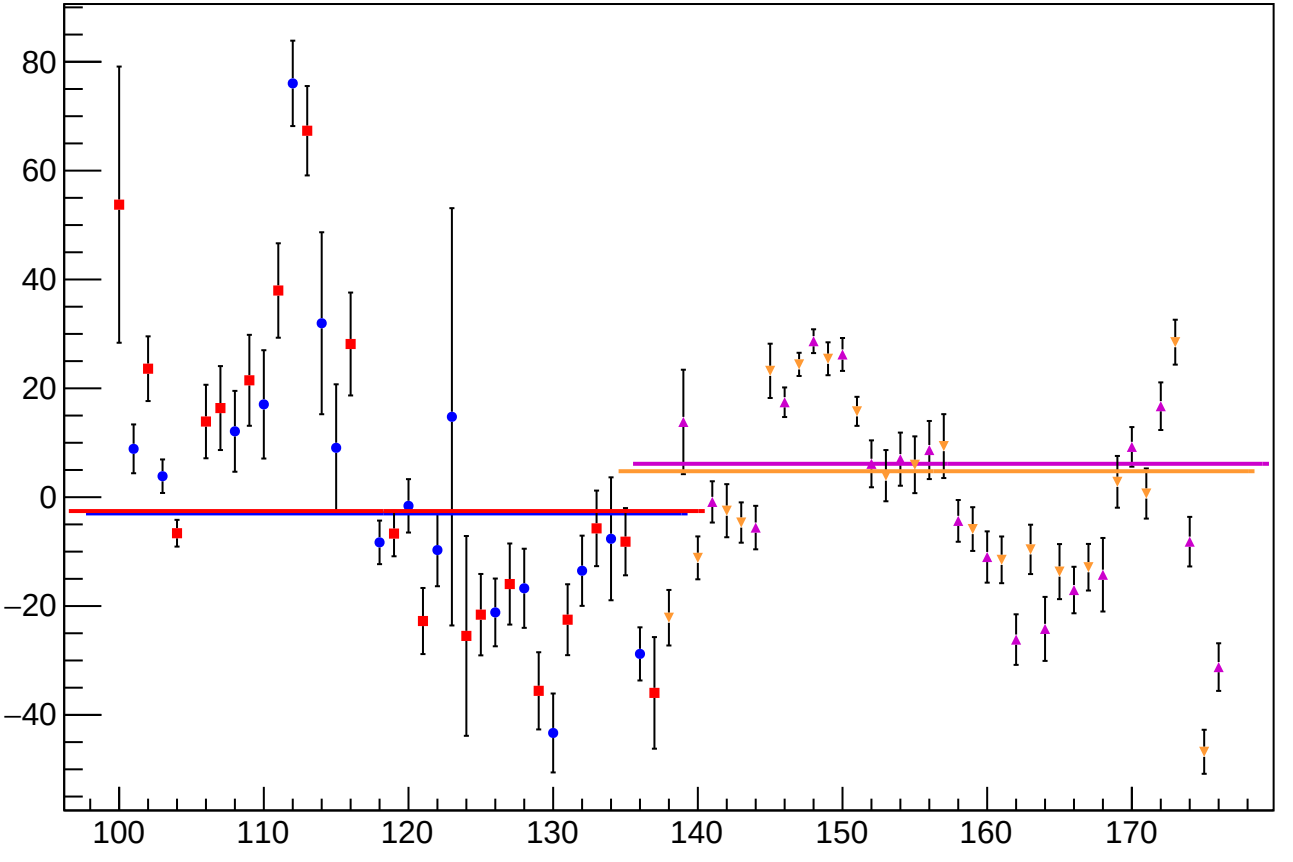
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -224.426+/-1.259 χ^2/NDF:1471.9/18

Out: -222.285+/-1.246 χ^2/NDF:1598.2/19

All: -223.345+/-0.886 χ^2/NDF: 3071.5/38

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.981+/-1.450 χ^2/NDF: 203.9/16

Left Out: 4.772+/-0.874 χ^2/NDF:473.9/19

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 6.137+/-0.905 χ^2/NDF:404.1/18

Left: 5.431+/-0.629 χ^2/NDF: 879.2/38

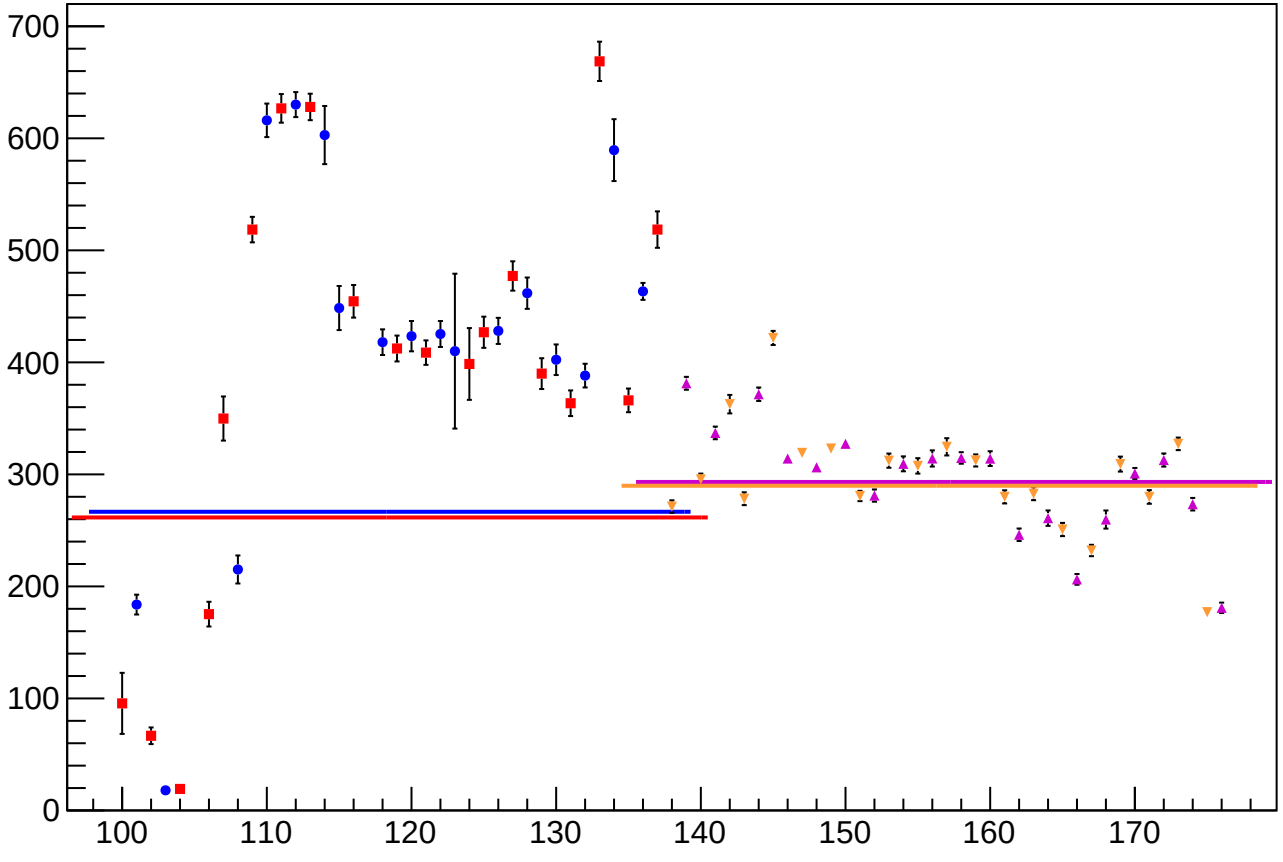
Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: 3.582+/-0.768 χ^2/NDF:636.5/35

Out: 2.716+/-0.741 χ^2/NDF:711.7/38

All: 3.134+/-0.533 χ^2/NDF: 1348.8/74

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.624+/-2.477 χ^2/NDF: 7662.7/16

Left Out: 289.837+/-1.234 χ^2/NDF:1655.3/19

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 293.238+/-1.242 χ^2/NDF:1668.2/18

Left: 291.527+/-0.875 χ^2/NDF: 3327.3/38

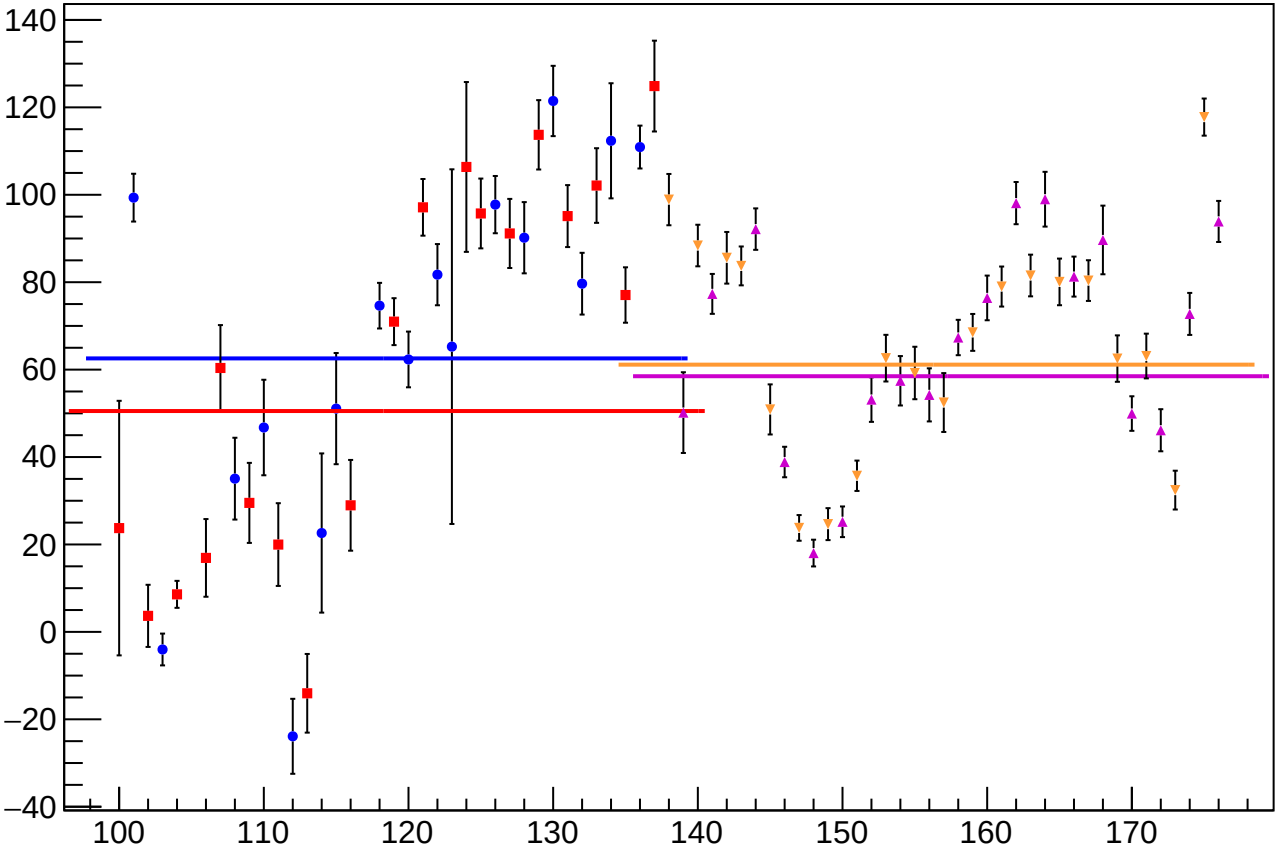
Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 287.894+/-1.110 χ^2/NDF:9423.1/35

Out: 284.140+/-1.103 χ^2/NDF:9969.3/38

All: 286.005+/-0.782 χ^2/NDF: 19398.1/74

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.566+/-1.678 χ^2/NDF: 722.4/16

Left Out: 61.138+/-1.026 χ^2/NDF:723.1/19

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 58.490+/-1.055 χ^2/NDF:610.2/18

Left: 59.851+/-0.735 χ^2/NDF: 1336.5/38

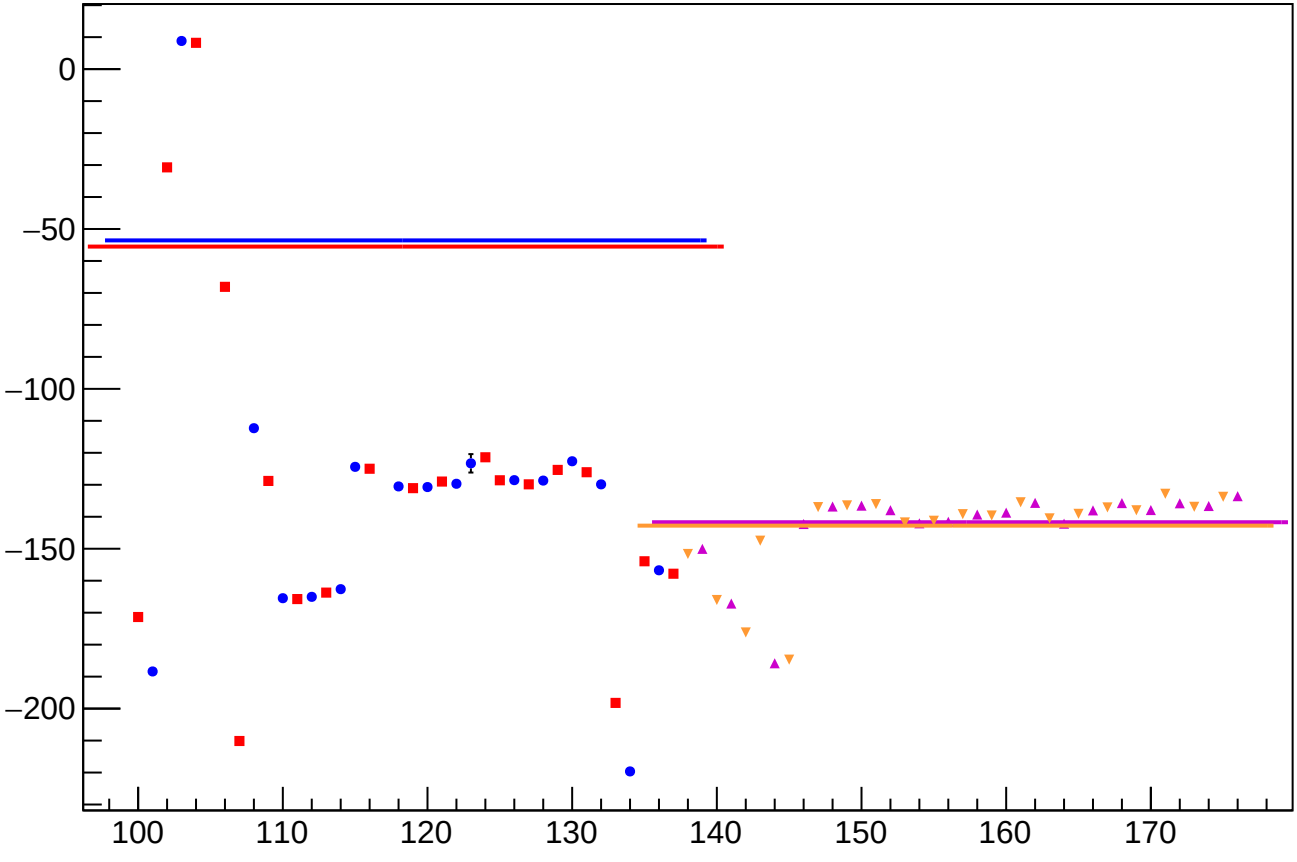
Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 59.644+/-0.893 χ^2/NDF:1336.8/35

Out: 58.163+/-0.870 χ^2/NDF:1410.1/38

All: 58.884+/-0.623 χ^2/NDF: 2748.3/74

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -142.779+/-0.050 χ^2/NDF:62430.7/19

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -141.713+/-0.049 χ^2/NDF:49204.5/18

Left: -142.243+/-0.035 χ^2/NDF: 111867.2/38

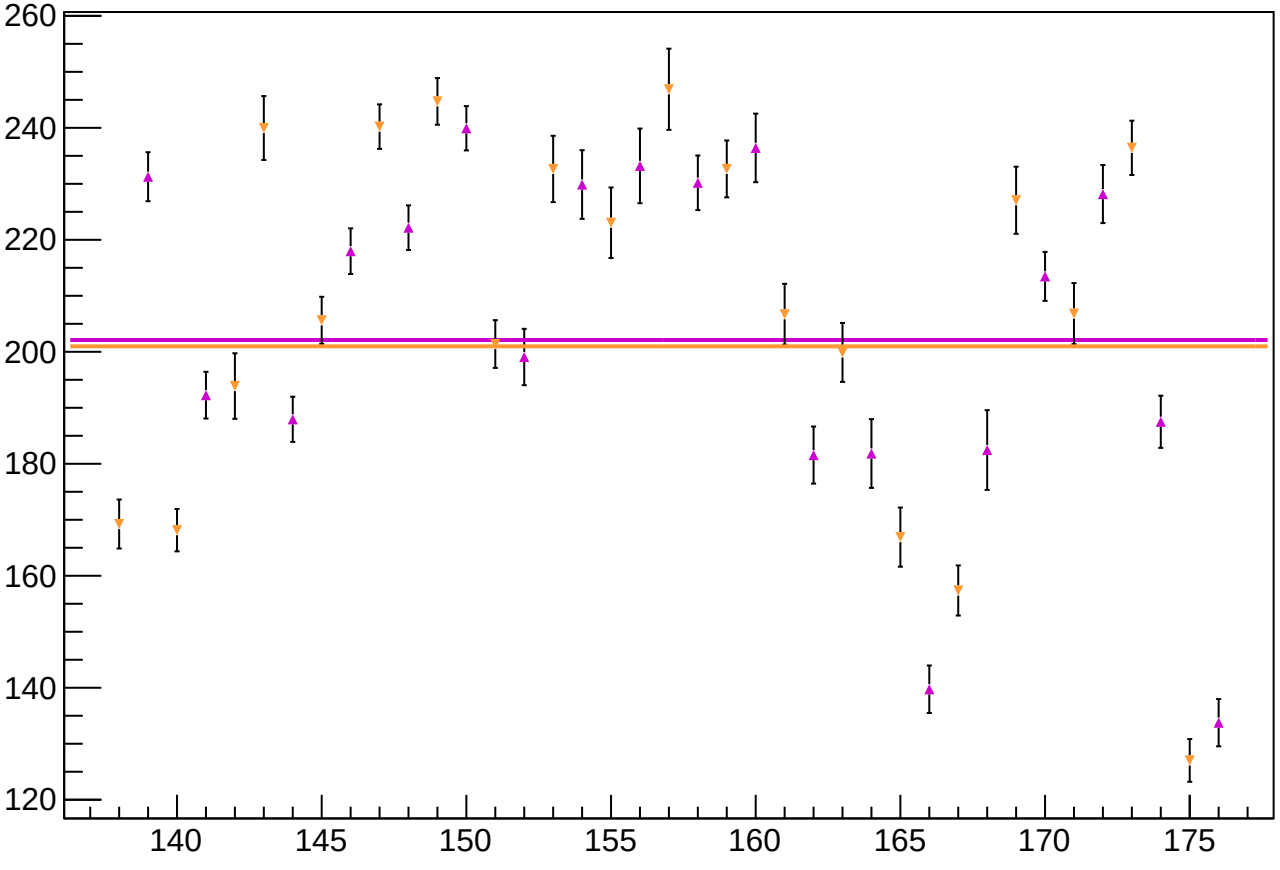
Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -112.641+/-0.040 χ^2/NDF:2333870.3/35

Out: -114.615+/-0.041 χ^2/NDF:2029861.3/38

All: -113.616+/-0.029 χ^2/NDF: 4364912.6/74

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 200.975+/-1.082 χ^2/NDF:1091.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 202.111+/-1.086 χ^2/NDF:856.4/18

Left: 201.541+/-0.767 χ^2/NDF: 1948.0/38

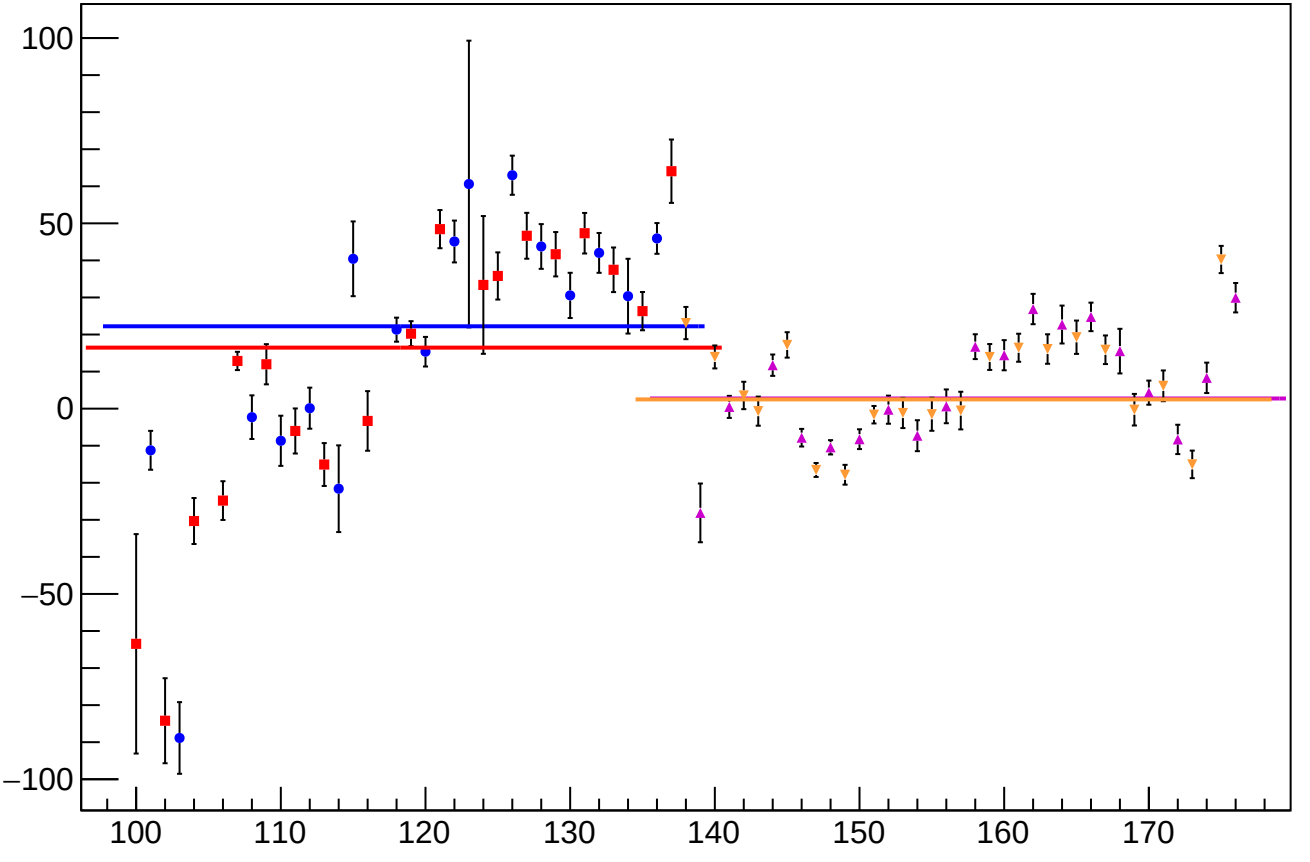
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 202.111+/-1.086 χ^2/NDF:856.4/18

Out: 200.975+/-1.082 χ^2/NDF:1091.1/19

All: 201.541+/-0.767 χ^2/NDF: 1948.0/38

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.221+/-1.374 χ^2/NDF: 385.6/16

Left Out: 2.492+/-0.762 χ^2/NDF:411.4/19

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: 2.739+/-0.783 χ^2/NDF:285.0/18

Left: 2.613+/-0.546 χ^2/NDF: 696.5/38

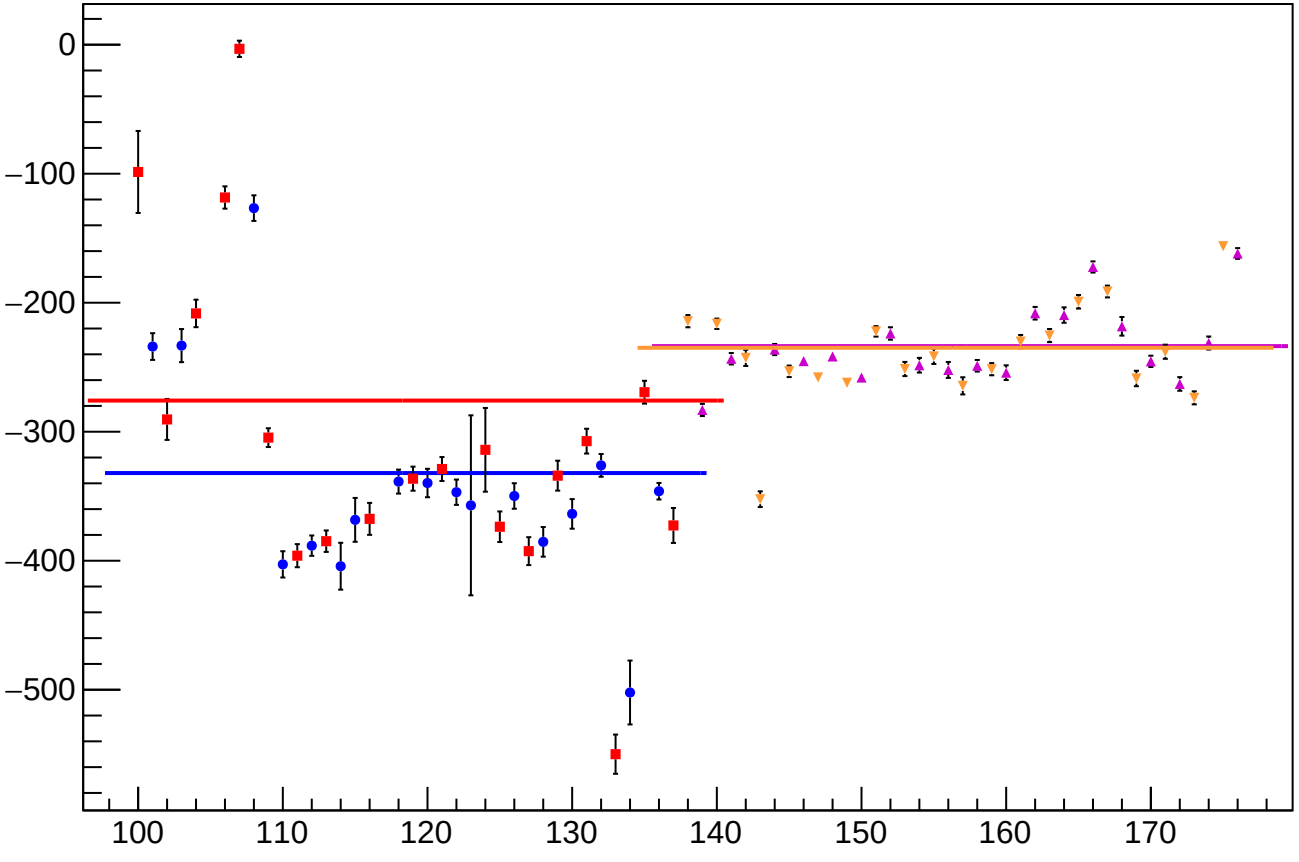
Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 7.512+/-0.680 χ^2/NDF:822.5/35

Out: 6.369+/-0.648 χ^2/NDF:930.6/38

All: 6.913+/-0.469 χ^2/NDF: 1754.5/74

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037+/-2.562 χ^2/NDF: 784.9/16

Left Out: -234.930+/-1.074 χ^2/NDF:1210.8/19

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -233.641+/-1.074 χ^2/NDF:798.6/18

Left: -234.286+/-0.760 χ^2/NDF: 2010.2/38

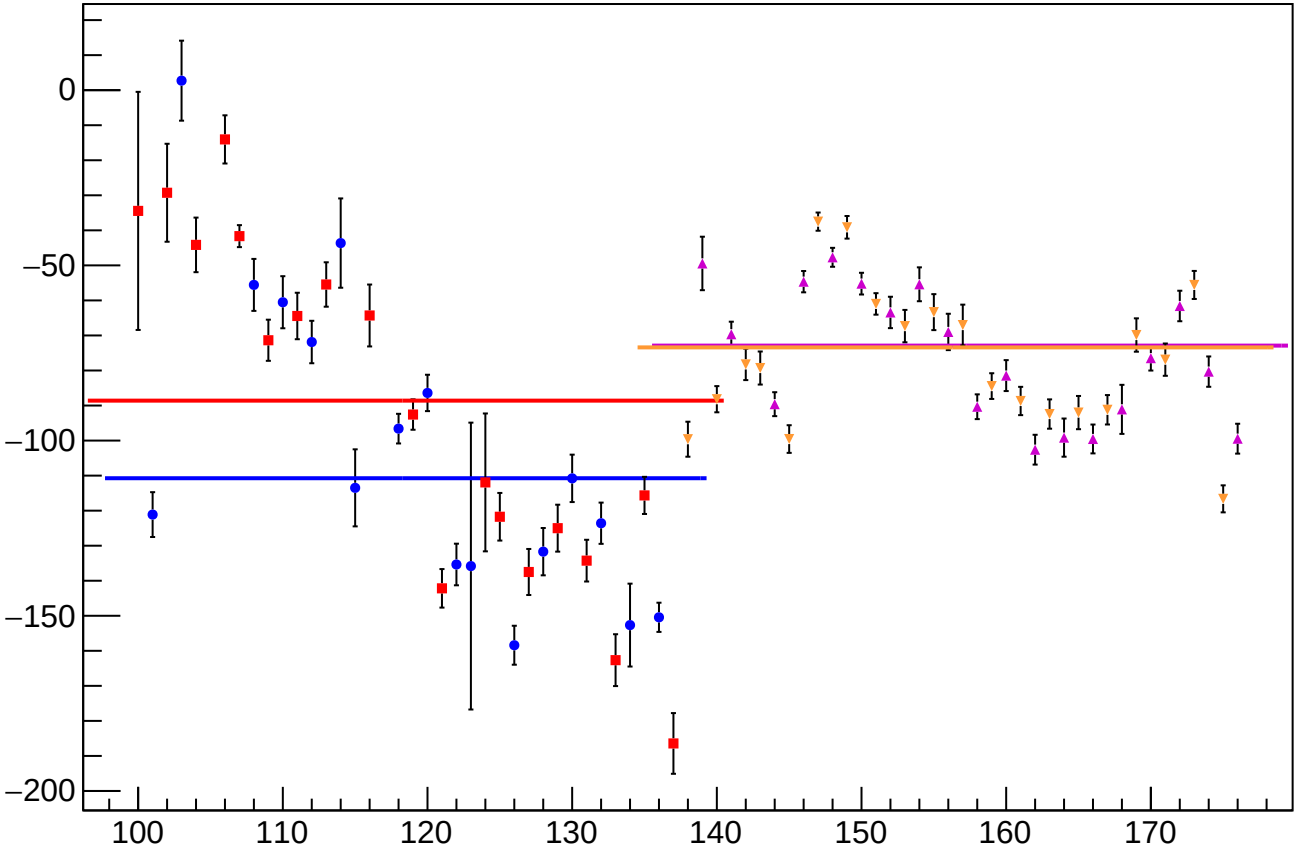
Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -248.357+/-0.991 χ^2/NDF:2838.0/35

Out: -242.133+/-0.975 χ^2/NDF:4829.1/38

All: -245.195+/-0.695 χ^2/NDF: 7687.1/74

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.745+/-1.578 χ^2/NDF: 513.4/16

Left Out: -73.407+/-0.894 χ^2/NDF:640.7/19

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -72.896+/-0.913 χ^2/NDF:406.2/18

Left: -73.157+/-0.639 χ^2/NDF: 1047.1/38

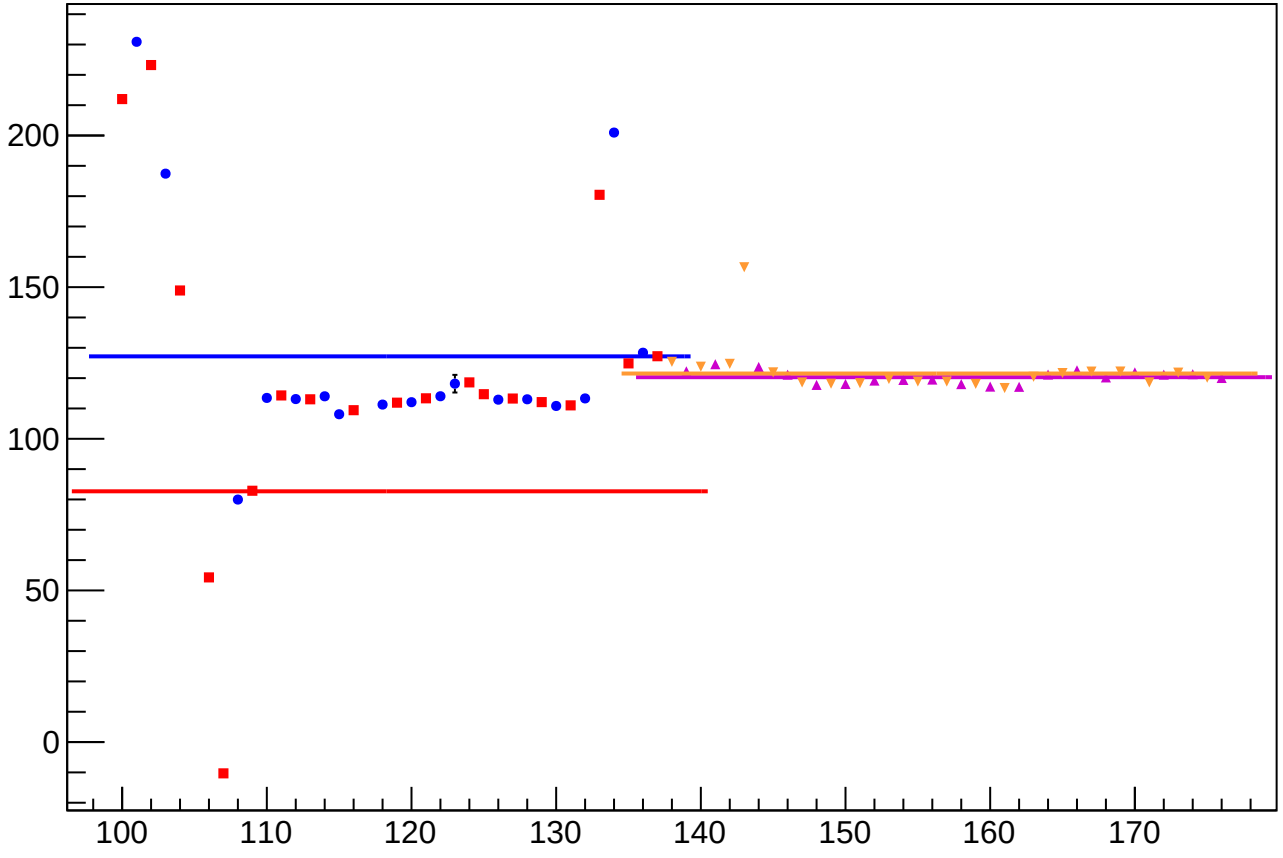
Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -82.386+/-0.790 χ^2/NDF:1350.9/35

Out: -77.659+/-0.759 χ^2/NDF:1691.2/38

All: -79.928+/-0.547 χ^2/NDF: 3060.7/74

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 121.521+/-0.043 χ^2/NDF:23993.8/19

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 120.313+/-0.043 χ^2/NDF:2560.7/18

Left: 120.911+/-0.030 χ^2/NDF: 26950.5/38

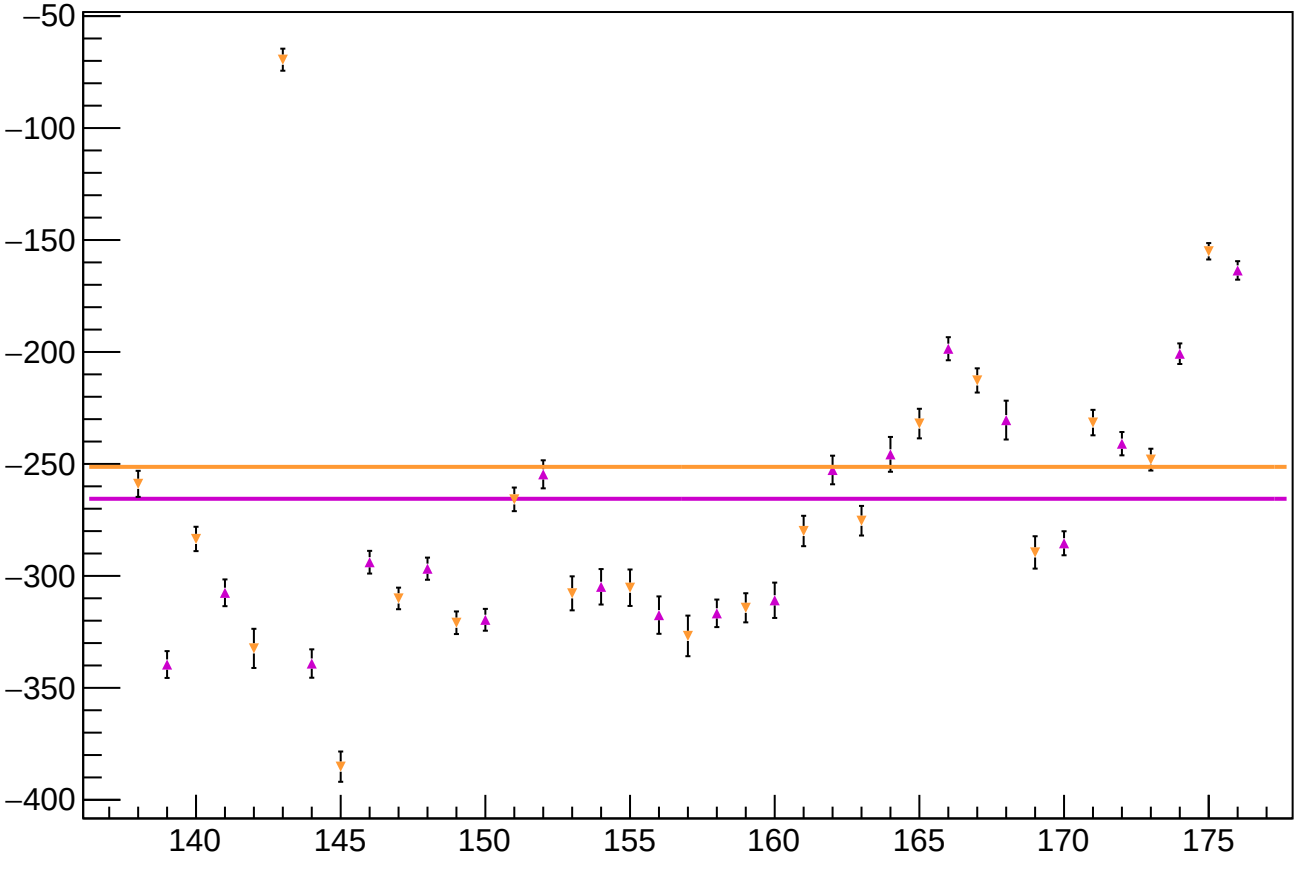
Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 121.596+/-0.038 χ^2/NDF:195448.3/35

Out: 111.920+/-0.037 χ^2/NDF:989965.0/38

All: 116.626+/-0.027 χ^2/NDF: 1217894.7/74

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: -251.306+/-1.297 χ^2/NDF:3308.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -265.562+/-1.324 χ^2/NDF:1738.5/18

Left: -258.286+/-0.927 χ^2/NDF: 5106.3/38

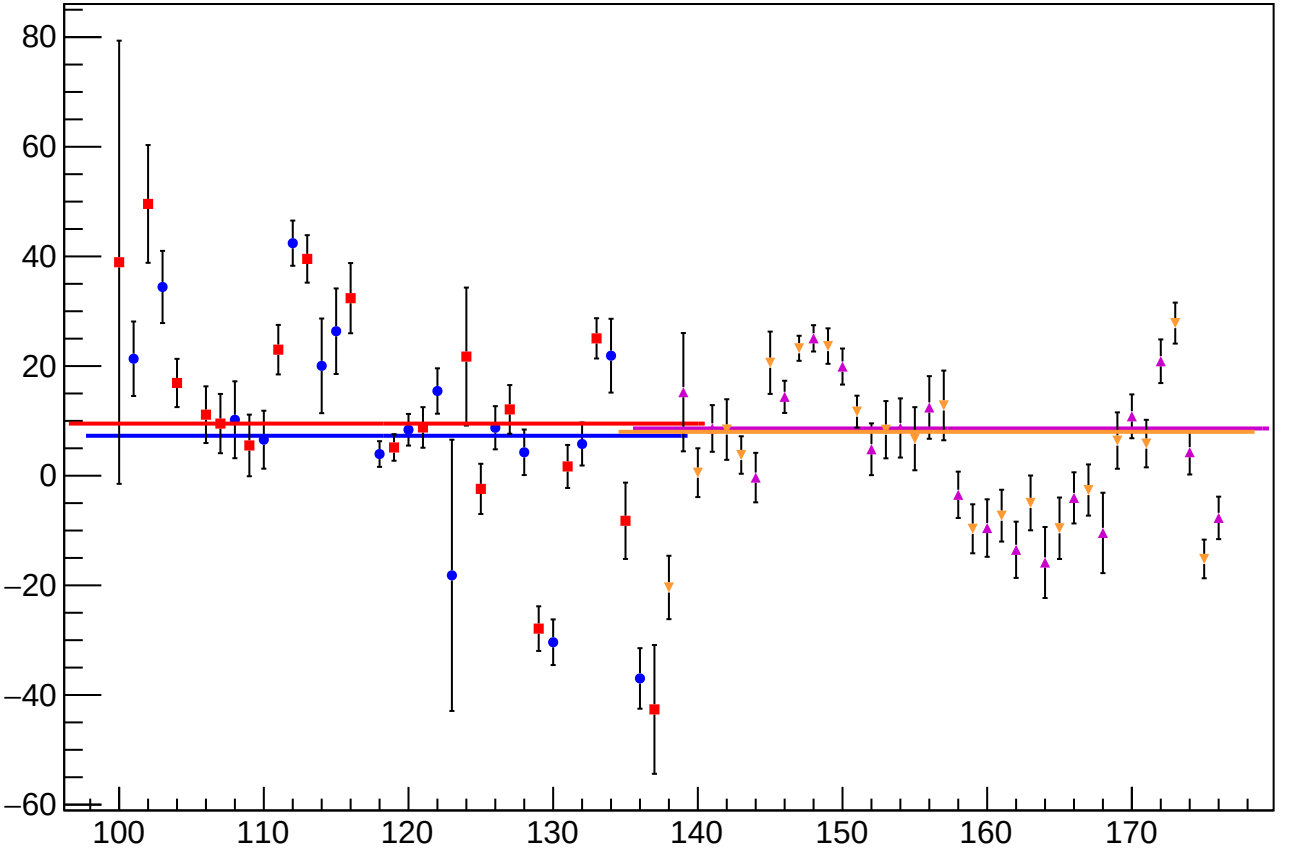
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -265.562+/-1.324 χ^2/NDF:1738.5/18

Out: -251.306+/-1.297 χ^2/NDF:3308.7/19

All: -258.286+/-0.927 χ^2/NDF: 5106.3/38

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.284+/-1.084 χ^2/NDF: 261.0/16

Left Out: 8.010+/-0.920 χ^2/NDF:223.2/19

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 8.617+/-0.964 χ^2/NDF:163.8/18

Left: 8.299+/-0.665 χ^2/NDF: 387.2/38

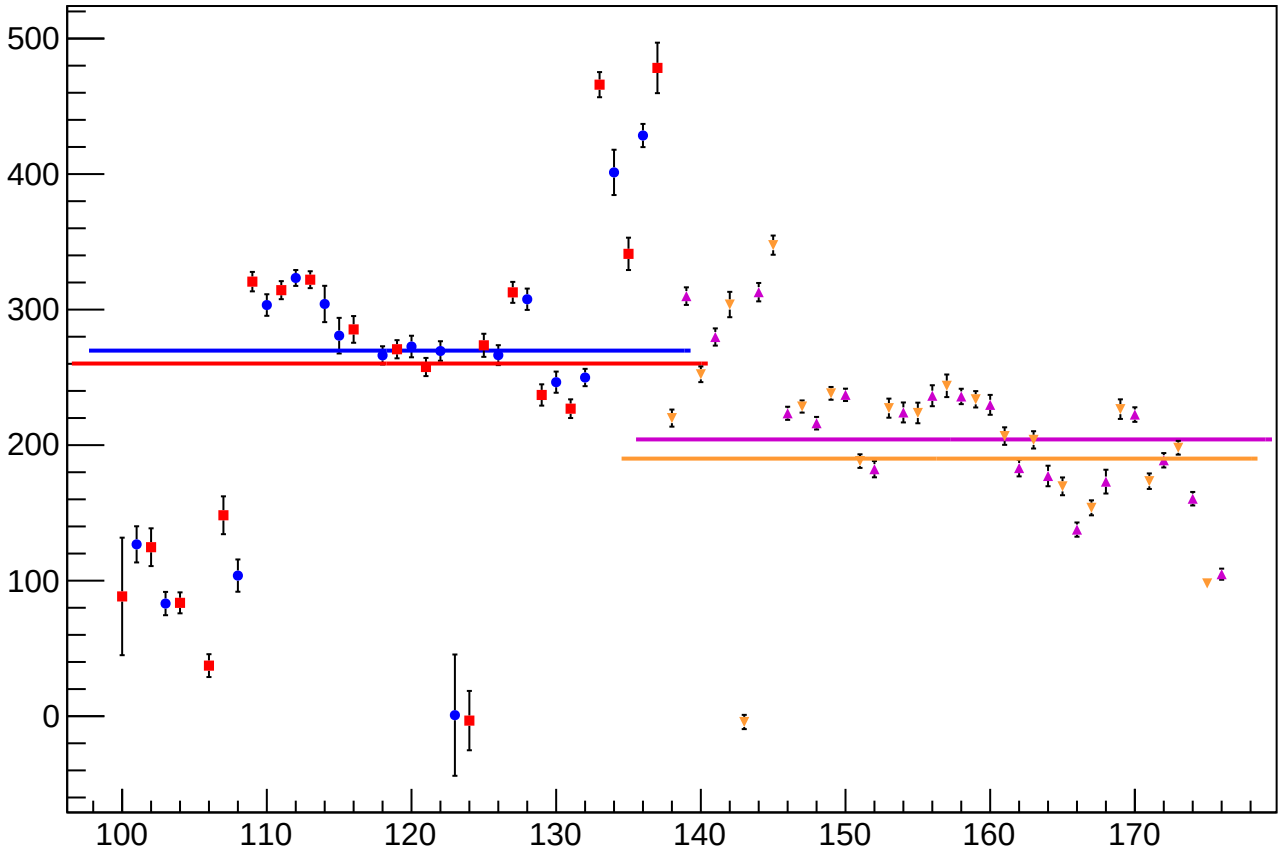
Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 8.028+/-0.720 χ^2/NDF:425.7/35

Out: 8.642+/-0.699 χ^2/NDF:455.8/38

All: 8.344+/-0.501 χ^2/NDF: 881.9/74

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.748+/-2.071 χ^2/NDF: 1374.1/16

Left Out: 190.059+/-1.288 χ^2/NDF:3200.5/19

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 204.212+/-1.310 χ^2/NDF:1705.0/18

Left: 197.015+/-0.918 χ^2/NDF: 4964.9/38

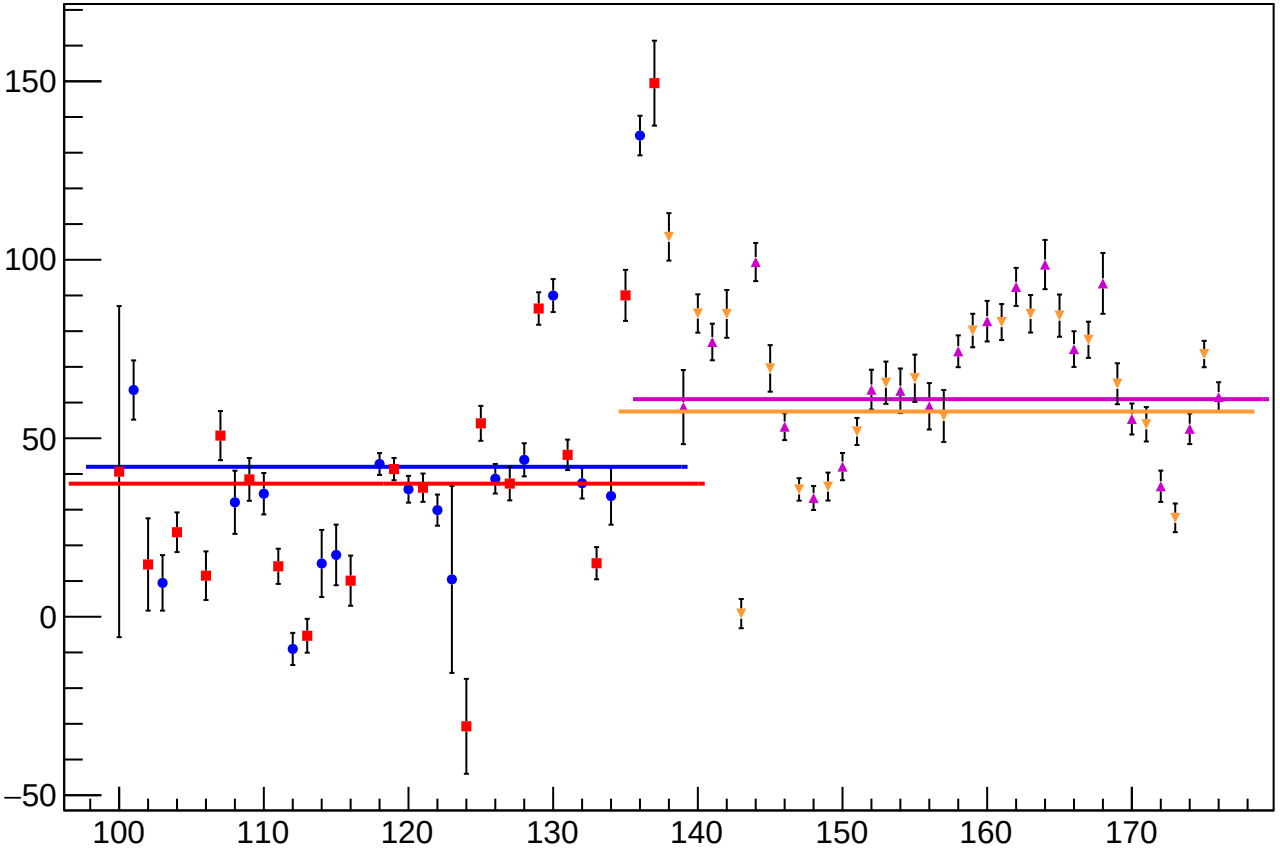
Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 222.930+/-1.107 χ^2/NDF:3794.2/35

Out: 210.938+/-1.079 χ^2/NDF:6625.6/38

All: 216.781+/-0.773 χ^2/NDF: 10479.9/74

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 57.490+/-1.075 χ^2/NDF:562.7/19

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 60.955+/-1.118 χ^2/NDF:305.7/18

Left: 59.154+/-0.775 χ^2/NDF: 873.5/38

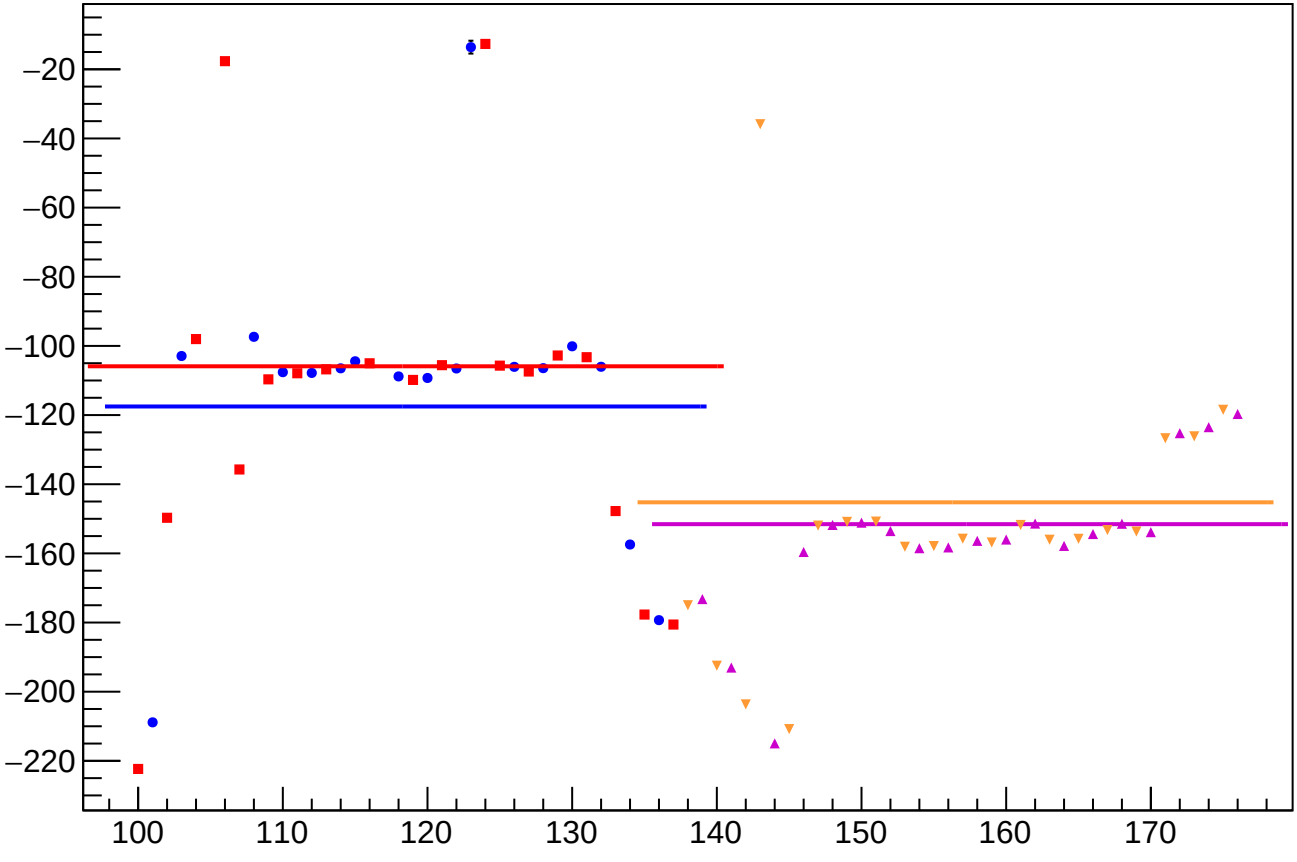
Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 52.574+/-0.835 χ^2/NDF:1008.4/35

Out: 48.798+/-0.811 χ^2/NDF:1187.4/38

All: 50.632+/-0.582 χ^2/NDF: 2206.2/74

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.516+/-0.078 χ^2/NDF: 142016.6/16

Left Out: -145.231+/-0.052 χ^2/NDF:457757.6/19

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -151.548+/-0.052 χ^2/NDF:157226.5/18

Left: -148.386+/-0.037 χ^2/NDF: 622369.6/38

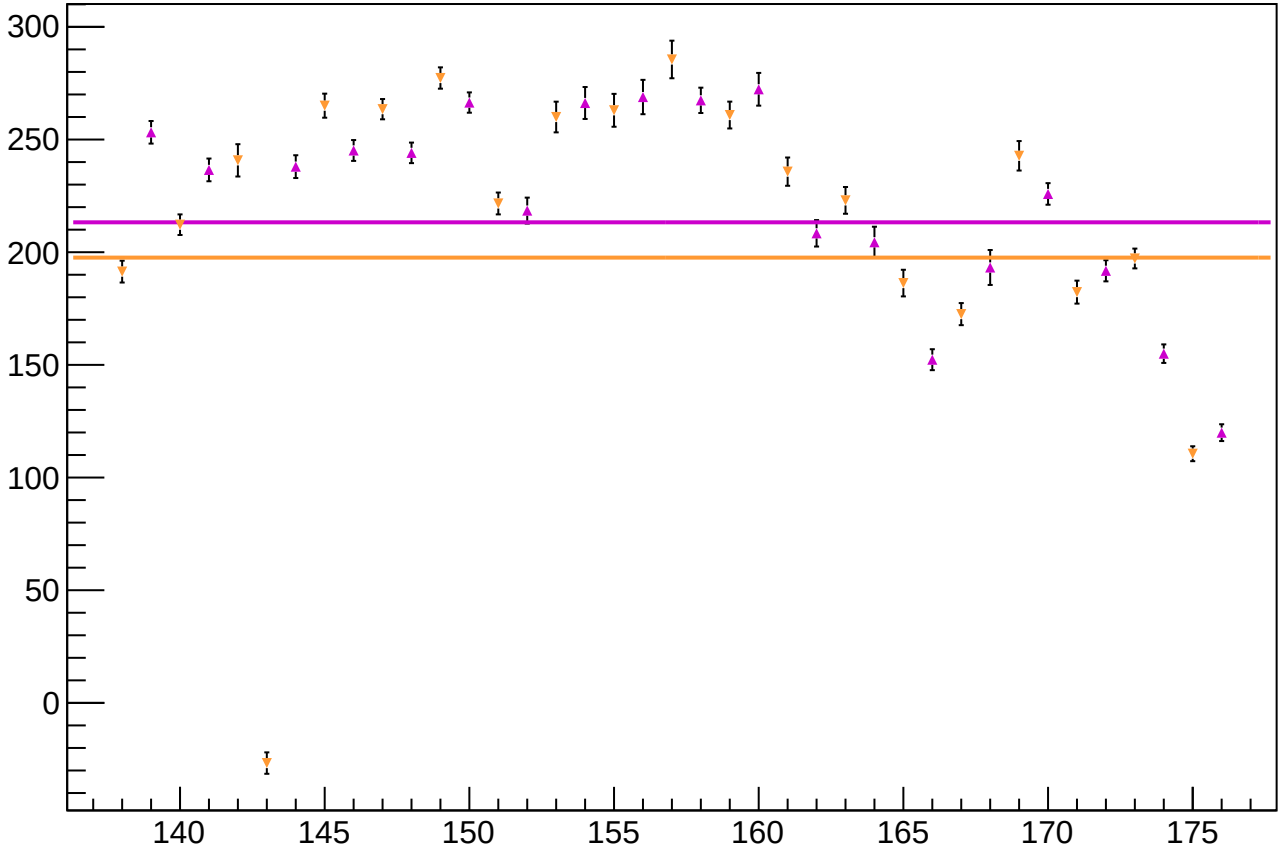
Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -141.076+/-0.043 χ^2/NDF:431027.3/35

Out: -131.959+/-0.042 χ^2/NDF:975548.5/38

All: -136.413+/-0.030 χ^2/NDF: 1429286.2/74

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: 197.605+/-1.164 χ^2/NDF:4177.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 213.265+/-1.184 χ^2/NDF:1645.4/18

Left: 205.303+/-0.830 χ^2/NDF: 5911.7/38

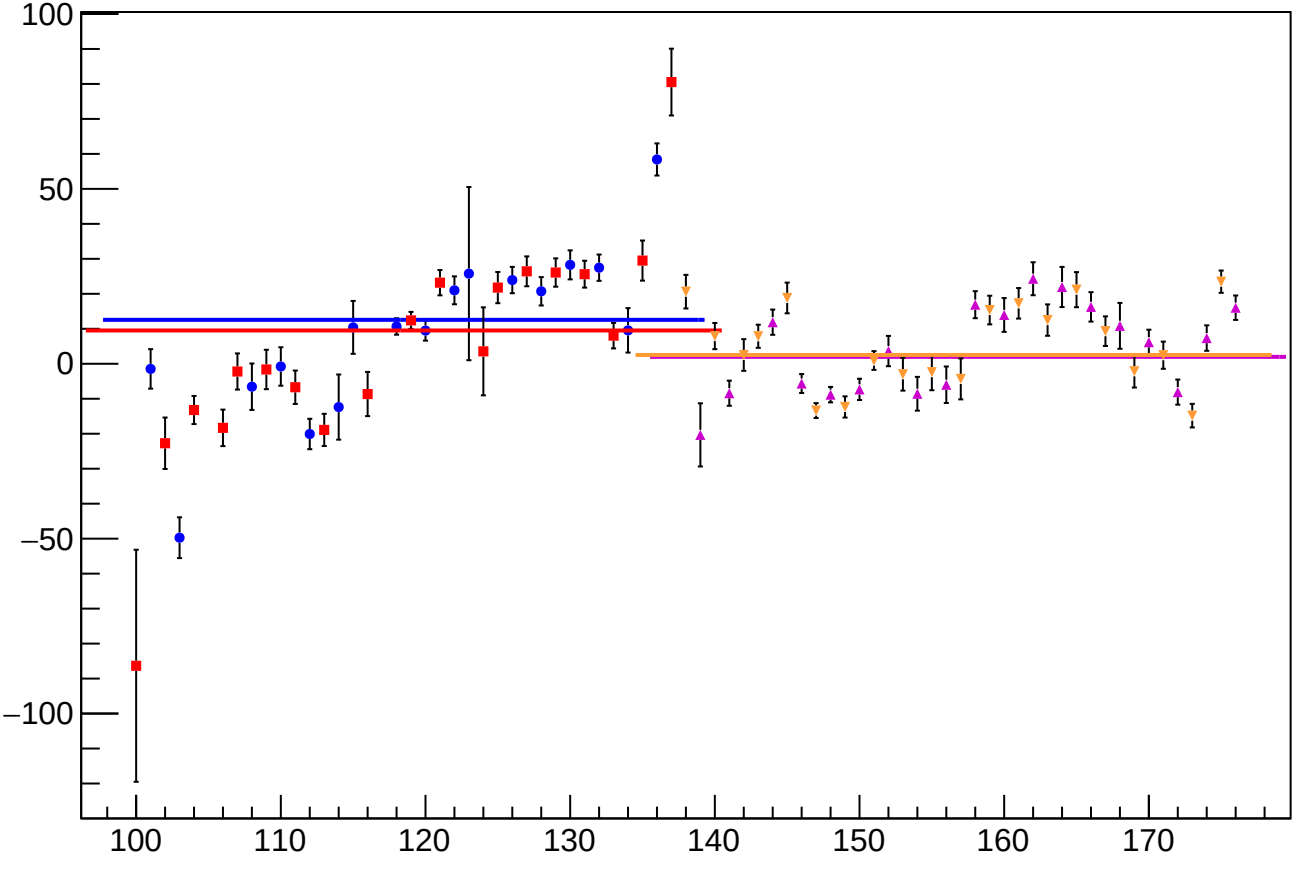
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 213.265+/-1.184 χ^2/NDF:1645.4/18

Out: 197.605+/-1.164 χ^2/NDF:4177.4/19

All: 205.303+/-0.830 χ^2/NDF: 5911.7/38

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561+/-1.056 χ^2/NDF: 347.7/16

Left Out: 2.517+/-0.832 χ^2/NDF:229.7/19

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: 1.976+/-0.868 χ^2/NDF:167.1/18

Left: 2.258+/-0.601 χ^2/NDF: 397.0/38

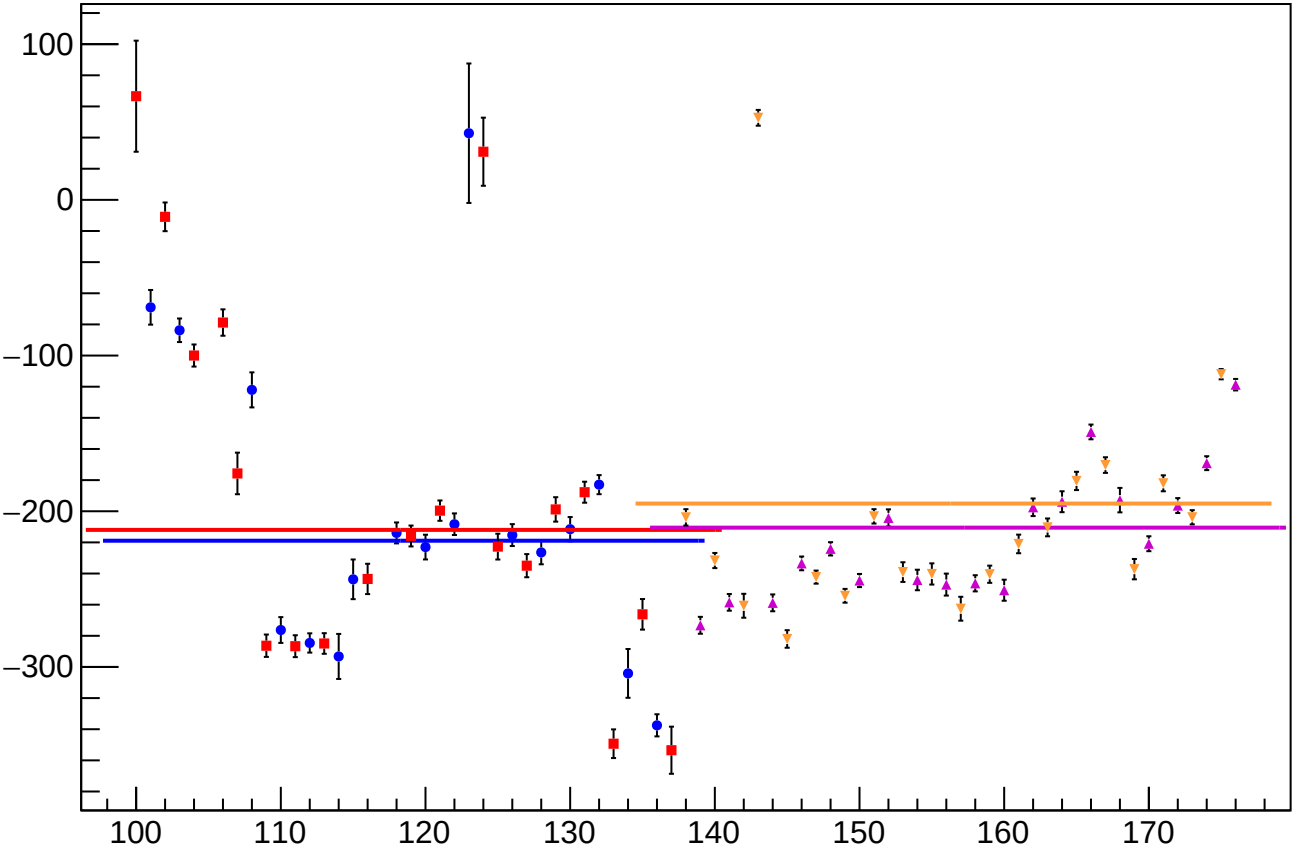
Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 6.244+/-0.670 χ^2/NDF:574.9/35

Out: 5.217+/-0.652 χ^2/NDF:553.3/38

All: 5.716+/-0.467 χ^2/NDF: 1129.3/74

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925+/-2.006 χ^2/NDF: 1146.6/16

Left Out: -195.059+/-1.159 χ^2/NDF:4039.9/19

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -210.529+/-1.174 χ^2/NDF:1435.4/18

Left: -202.692+/-0.825 χ^2/NDF: 5563.2/38

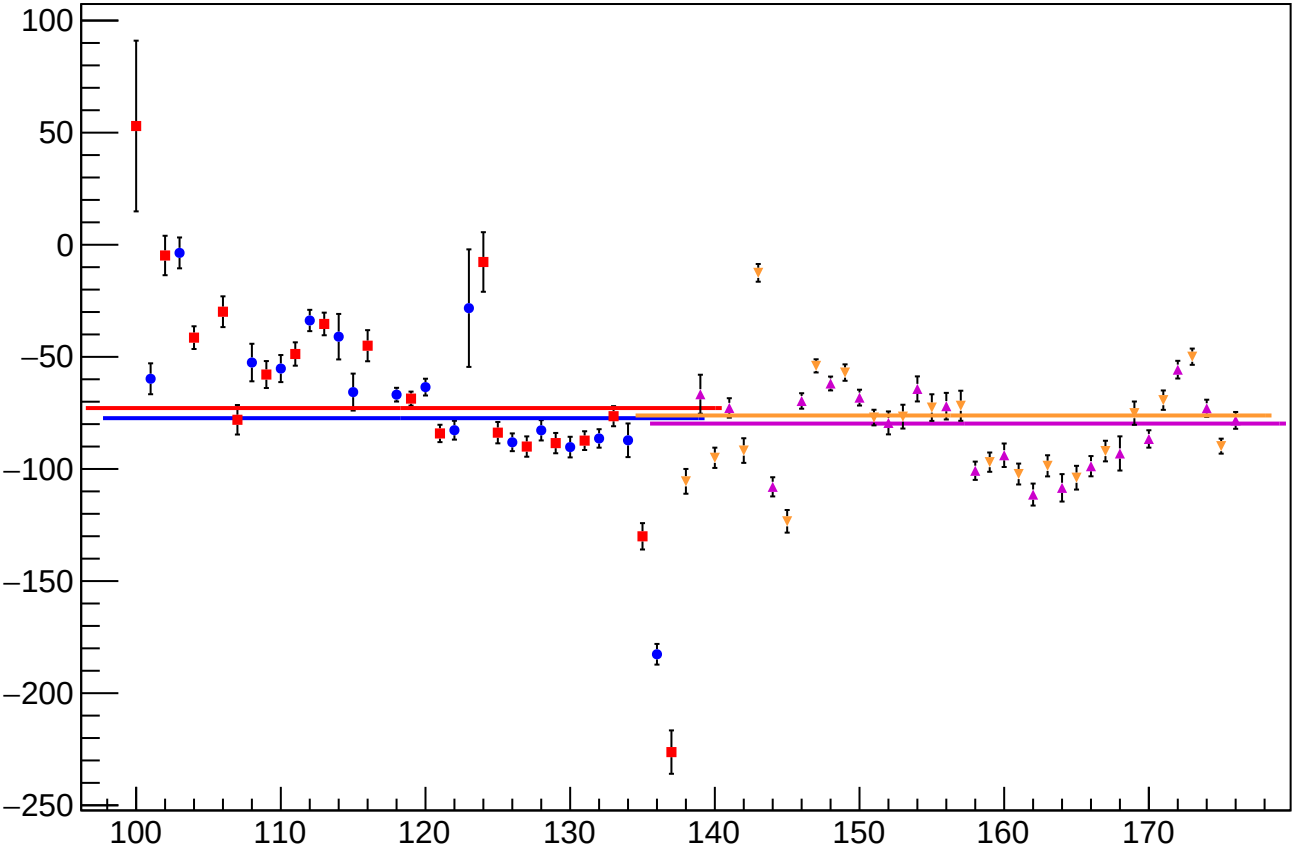
Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -212.672+/-1.013 χ^2/NDF:2595.1/35

Out: -199.559+/-0.993 χ^2/NDF:5982.7/38

All: -205.981+/-0.709 χ^2/NDF: 8663.2/74

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -76.141+/-0.971 χ^2/NDF:673.6/19

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -79.755+/-1.005 χ^2/NDF:272.5/18

Left: -77.885+/-0.698 χ^2/NDF: 952.8/38

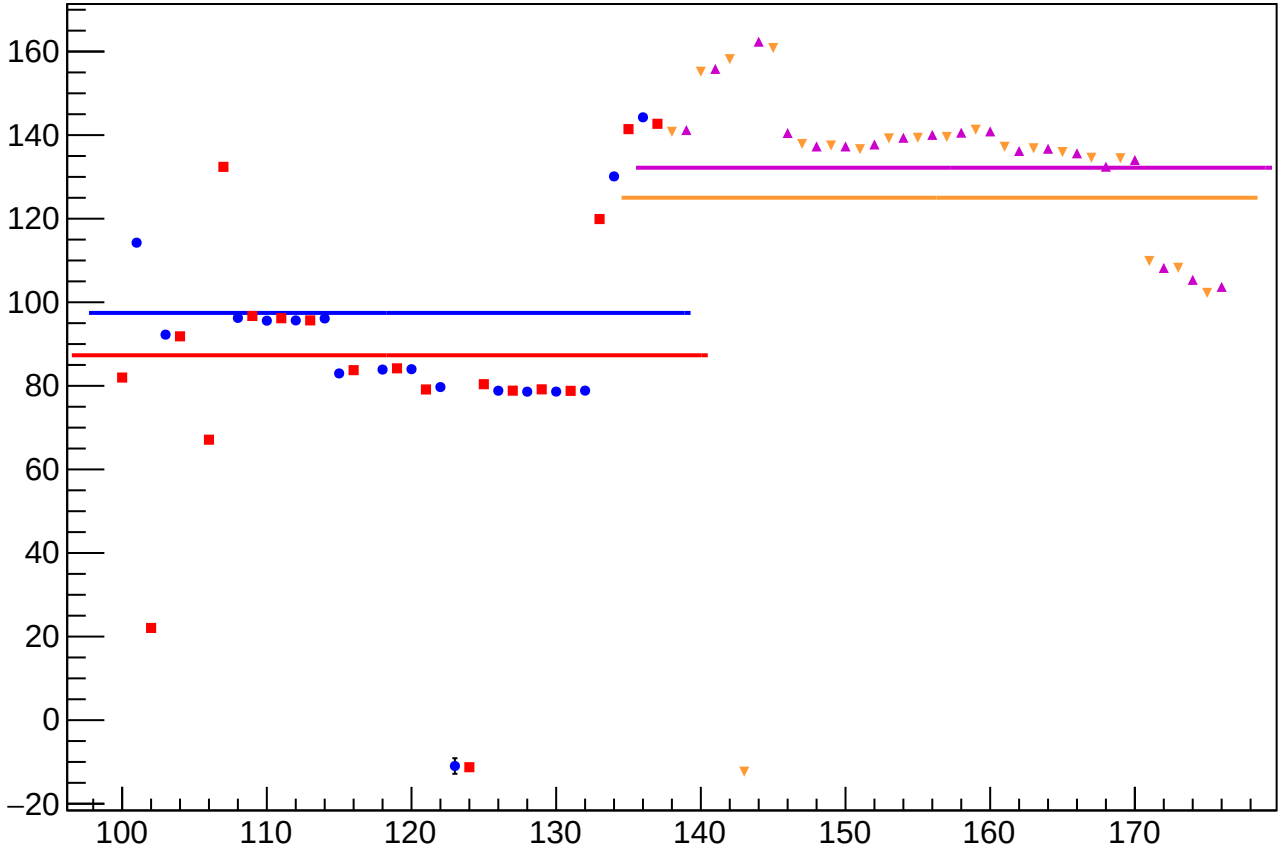
Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -78.779+/-0.776 χ^2/NDF:1092.1/35

Out: -74.844+/-0.757 χ^2/NDF:1351.0/38

All: -76.764+/-0.542 χ^2/NDF: 2456.3/74

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452+/-0.073 χ^2/NDF: 94476.4/16

Left Out: 125.017+/-0.047 χ^2/NDF:598781.1/19

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 132.196+/-0.047 χ^2/NDF:116529.0/18

Left: 128.615+/-0.033 χ^2/NDF: 727150.3/38

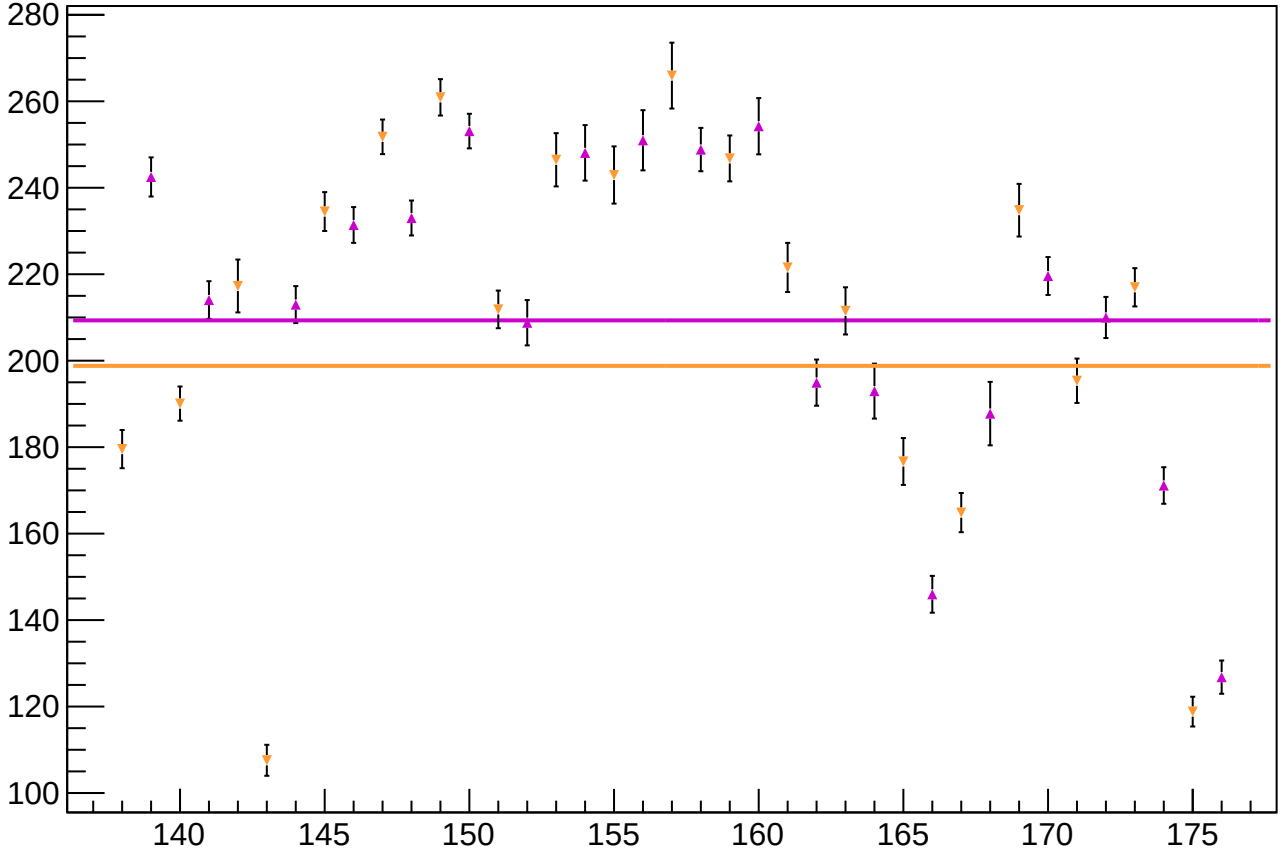
Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 122.190+/-0.039 χ^2/NDF:371131.1/35

Out: 112.988+/-0.039 χ^2/NDF:1028466.5/38

All: 117.498+/-0.028 χ^2/NDF: 1427534.7/74

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: 198.807+/-1.060 χ^2/NDF:2096.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 209.328+/-1.094 χ^2/NDF:1211.5/18

Left: 203.901+/-0.761 χ^2/NDF: 3355.4/38

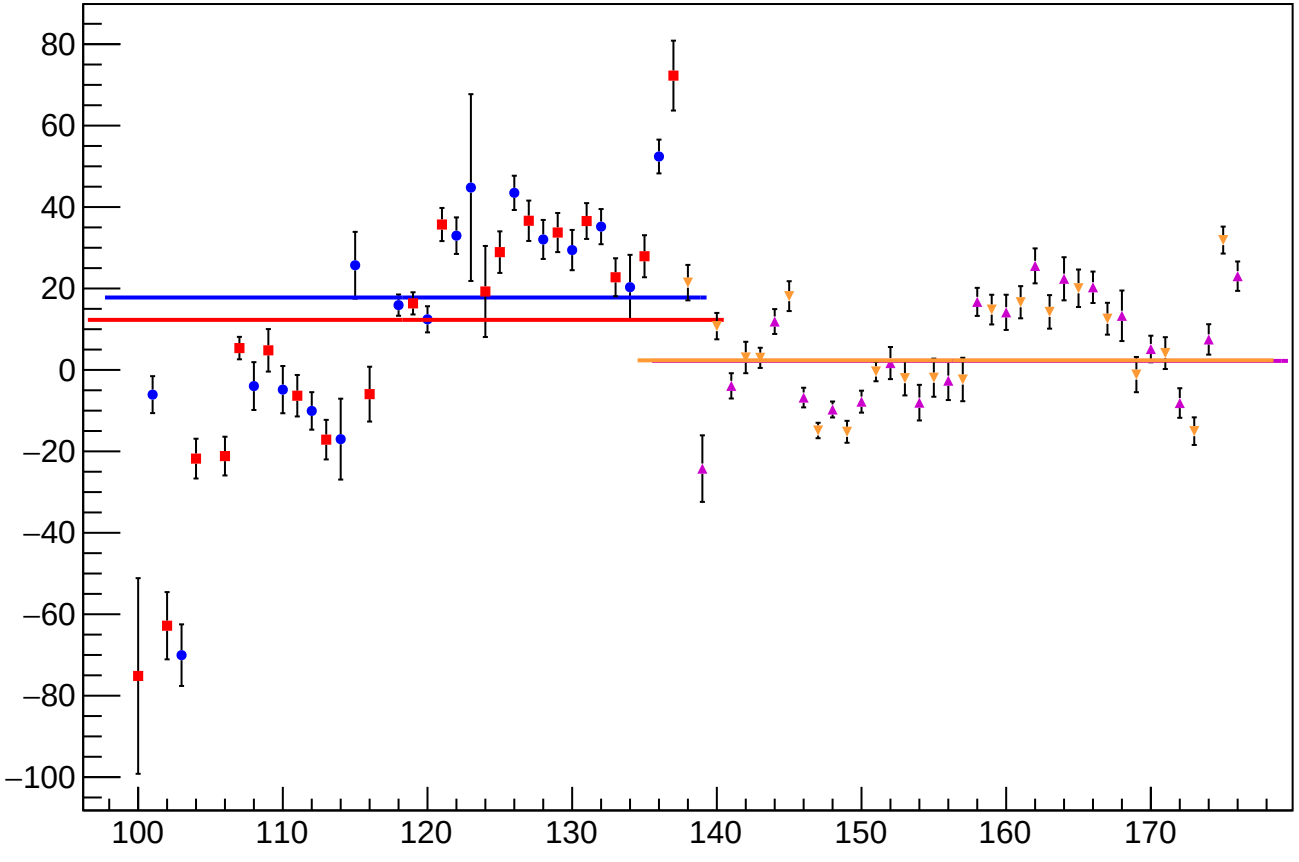
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 209.328+/-1.094 χ^2/NDF:1211.5/18

Out: 198.807+/-1.060 χ^2/NDF:2096.1/19

All: 203.901+/-0.761 χ^2/NDF: 3355.4/38

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786+/-1.146 χ^2/NDF: 395.1/16

Left Out: 2.350+/-0.748 χ^2/NDF:335.0/19

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: 2.215+/-0.792 χ^2/NDF:234.4/18

Left: 2.287+/-0.544 χ^2/NDF: 569.5/38

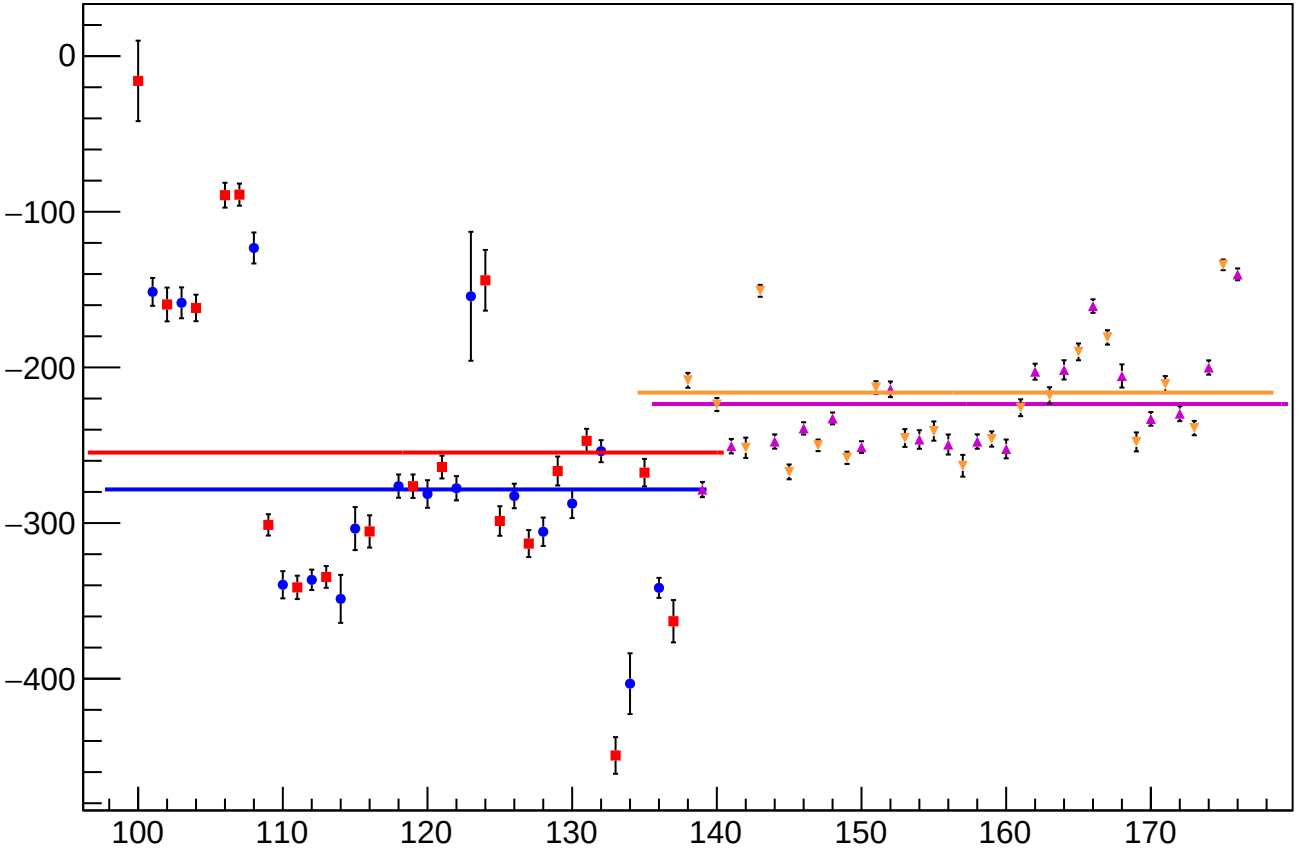
Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 7.243+/-0.651 χ^2/NDF:754.5/35

Out: 5.550+/-0.616 χ^2/NDF:835.6/38

All: 6.349+/-0.448 χ^2/NDF: 1593.7/74

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.393+/-2.168 χ^2/NDF: 910.5/16

Left Out: -216.185+/-1.056 χ^2/NDF:1470.4/19

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -223.508+/-1.083 χ^2/NDF:1104.9/18

Left: -219.755+/-0.756 χ^2/NDF: 2598.8/38

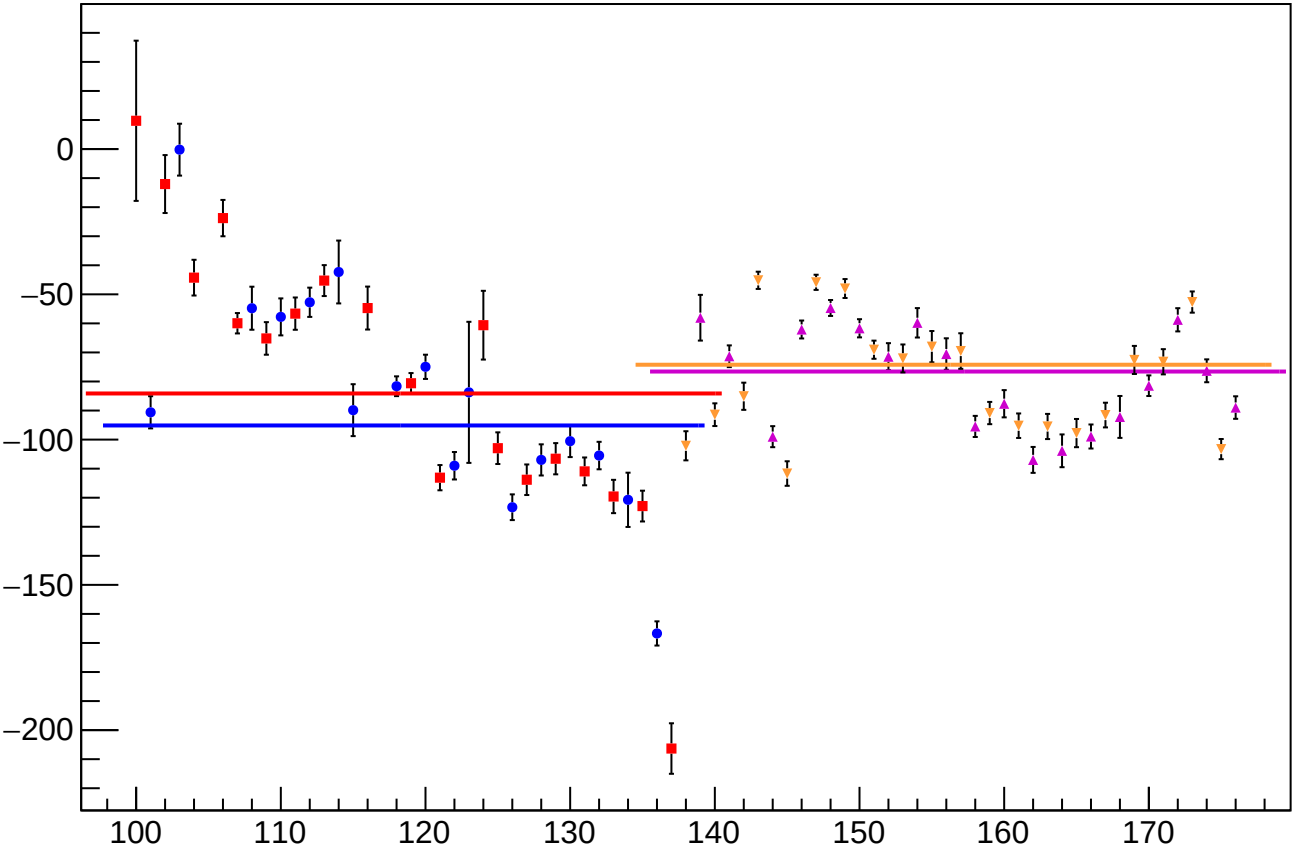
Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -234.471+/-0.969 χ^2/NDF:2528.5/35

Out: -224.455+/-0.936 χ^2/NDF:3794.4/38

All: -229.291+/-0.673 χ^2/NDF: 6378.2/74

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135+/-1.322 χ^2/NDF: 674.9/16

Left Out: -74.230+/-0.878 χ^2/NDF:630.6/19

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -76.572+/-0.922 χ^2/NDF:336.1/18

Left: -75.344+/-0.636 χ^2/NDF: 970.1/38

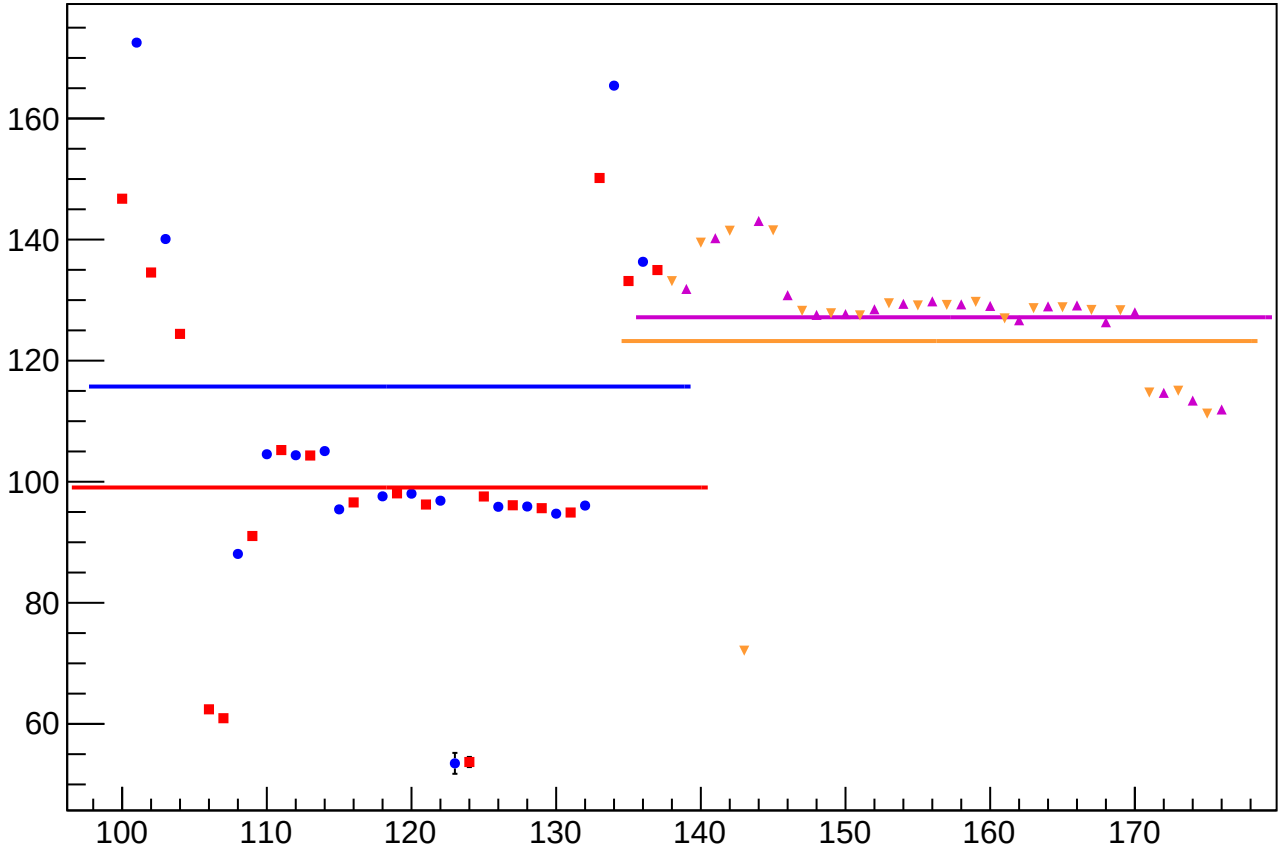
Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -82.640+/-0.756 χ^2/NDF:1143.7/35

Out: -77.468+/-0.720 χ^2/NDF:1455.0/38

All: -79.928+/-0.521 χ^2/NDF: 2623.2/74

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724+/-0.078 χ^2/NDF: 106388.1/16

Left Out: 123.238+/-0.043 χ^2/NDF:154305.8/19

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 127.167+/-0.043 χ^2/NDF:32738.8/18

Left: 125.179+/-0.030 χ^2/NDF: 191258.2/38

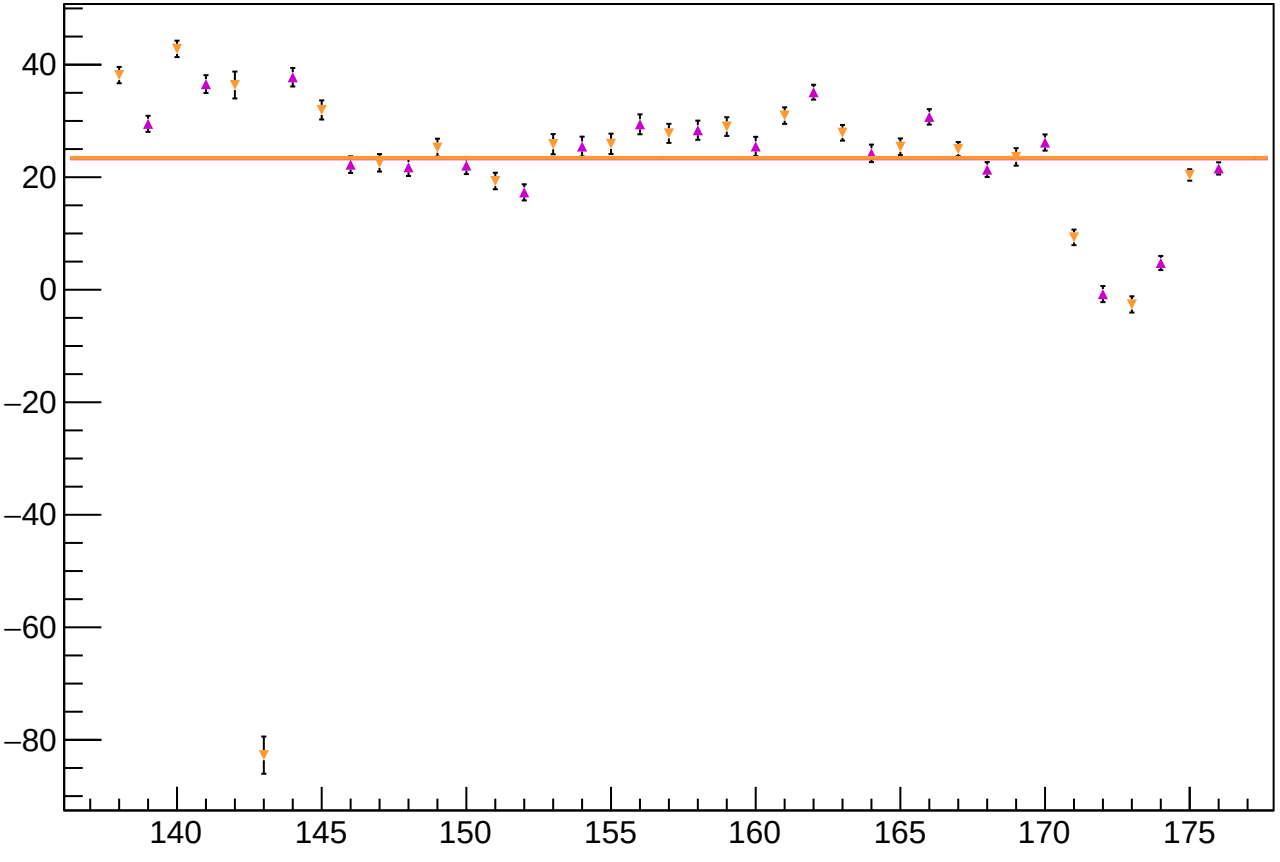
Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 124.494+/-0.038 χ^2/NDF:155630.7/35

Out: 116.504+/-0.036 χ^2/NDF:417741.3/38

All: 120.332+/-0.026 χ^2/NDF: 596783.1/74

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: 23.442+/-0.341 χ^2/NDF:1870.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 23.369+/-0.335 χ^2/NDF:827.5/18

Left: 23.405+/-0.239 χ^2/NDF: 2697.8/38

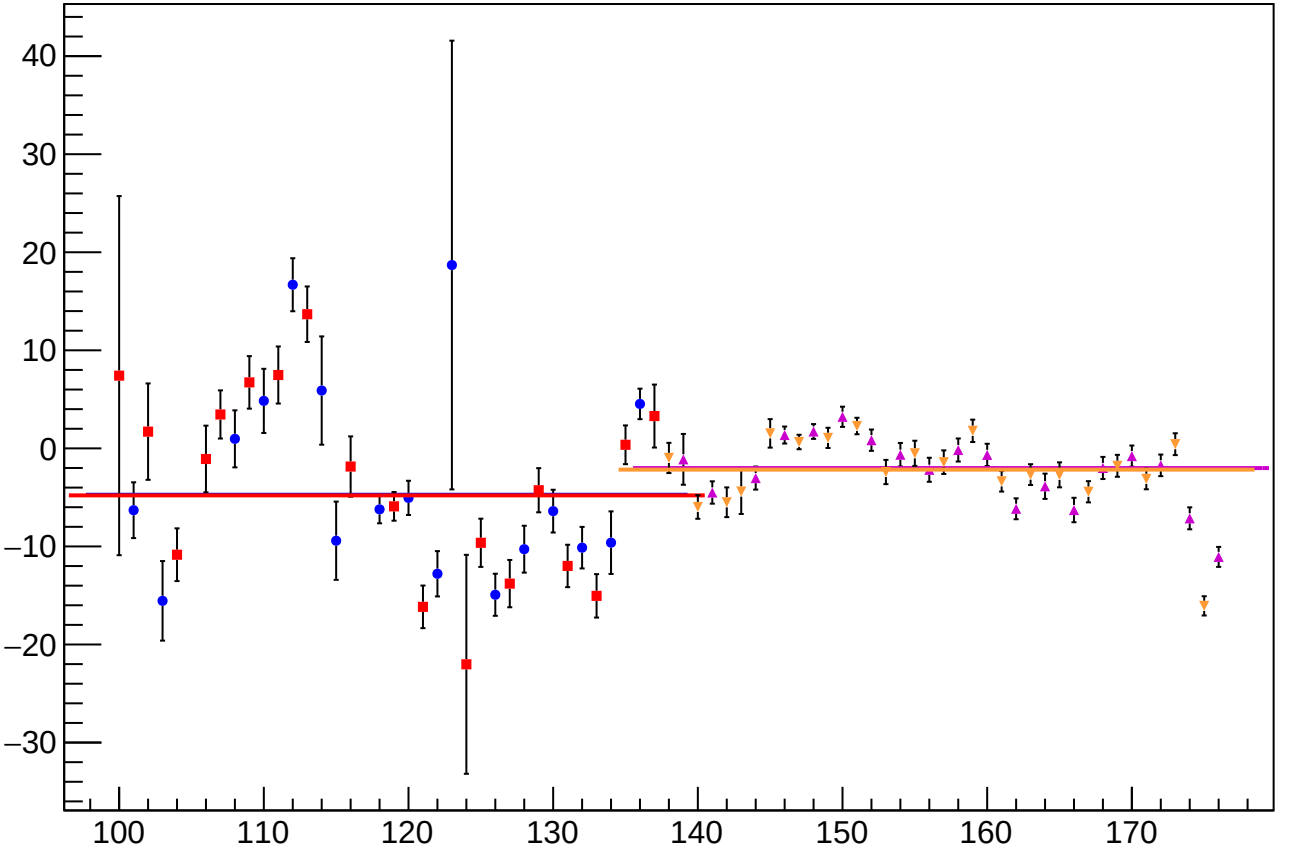
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 23.369+/-0.335 χ^2/NDF:827.5/18

Out: 23.442+/-0.341 χ^2/NDF:1870.3/19

All: 23.405+/-0.239 χ^2/NDF: 2697.8/38

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -2.166+/-0.250 χ^2/NDF:302.3/19

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -2.009+/-0.252 χ^2/NDF:213.5/18

Left: -2.088+/-0.178 χ^2/NDF: 515.9/38

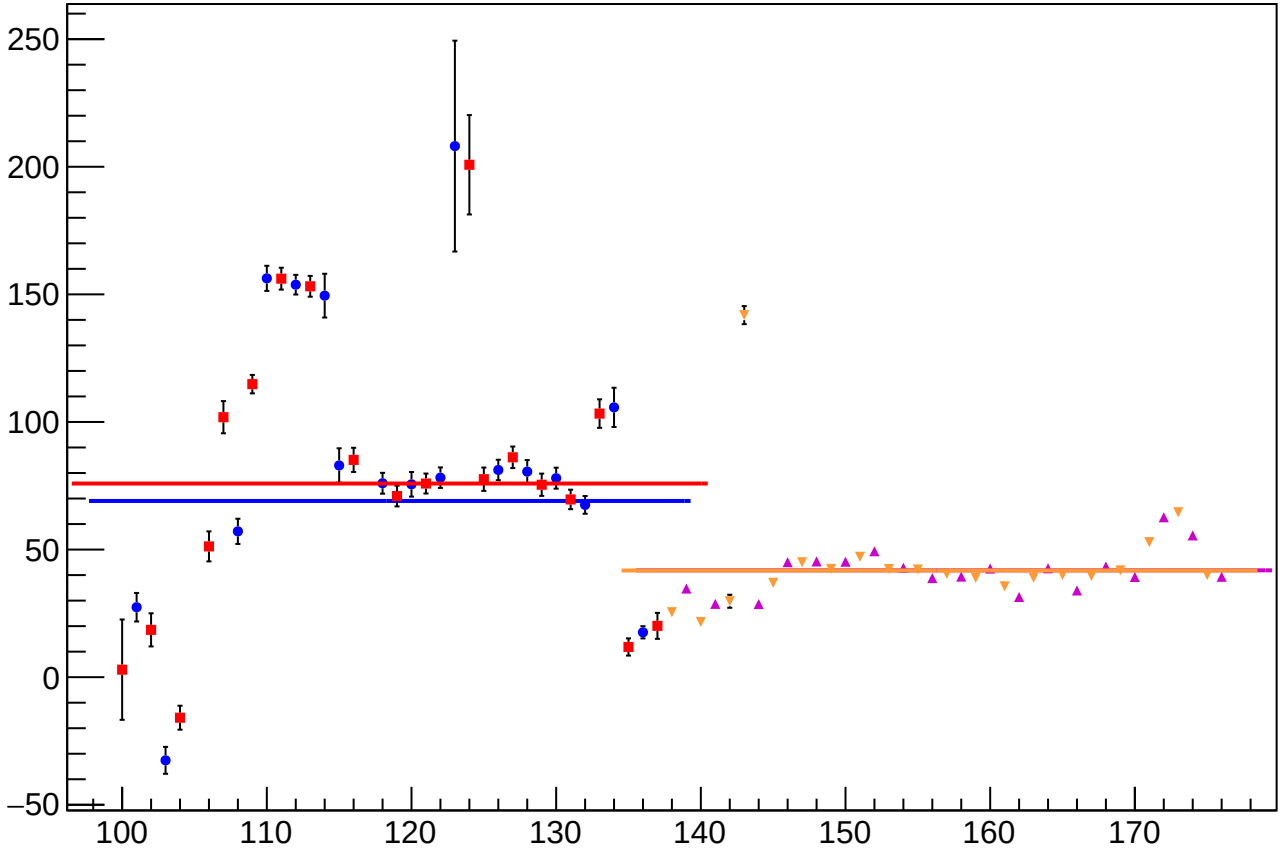
Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -2.442+/-0.231 χ^2/NDF:406.9/35

Out: -2.572+/-0.230 χ^2/NDF:512.7/38

All: -2.507+/-0.163 χ^2/NDF: 919.8/74

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048+/-1.077 χ^2/NDF: 1847.9/16

Left Out: 41.805+/-0.337 χ^2/NDF:1455.6/19

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 41.864+/-0.332 χ^2/NDF:602.4/18

Left: 41.835+/-0.236 χ^2/NDF: 2058.0/38

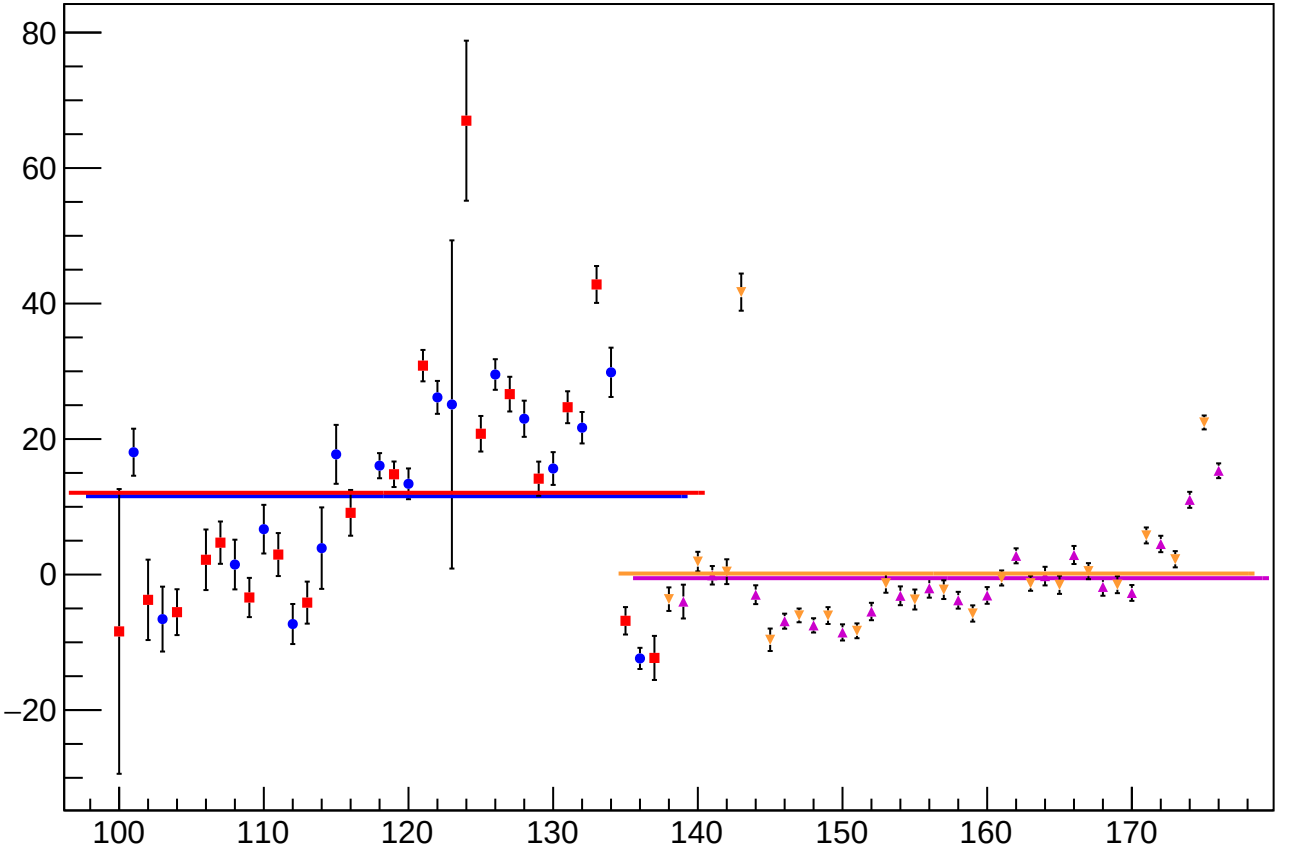
Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 44.221+/-0.317 χ^2/NDF:3032.5/35

Out: 44.883+/-0.321 χ^2/NDF:4273.9/38

All: 44.547+/-0.226 χ^2/NDF: 7308.5/74

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565+/-0.658 χ^2/NDF: 478.2/16

Left Out: 0.152+/-0.287 χ^2/NDF:929.4/19

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -0.535+/-0.288 χ^2/NDF:501.2/18

Left: -0.190+/-0.203 χ^2/NDF: 1433.5/38

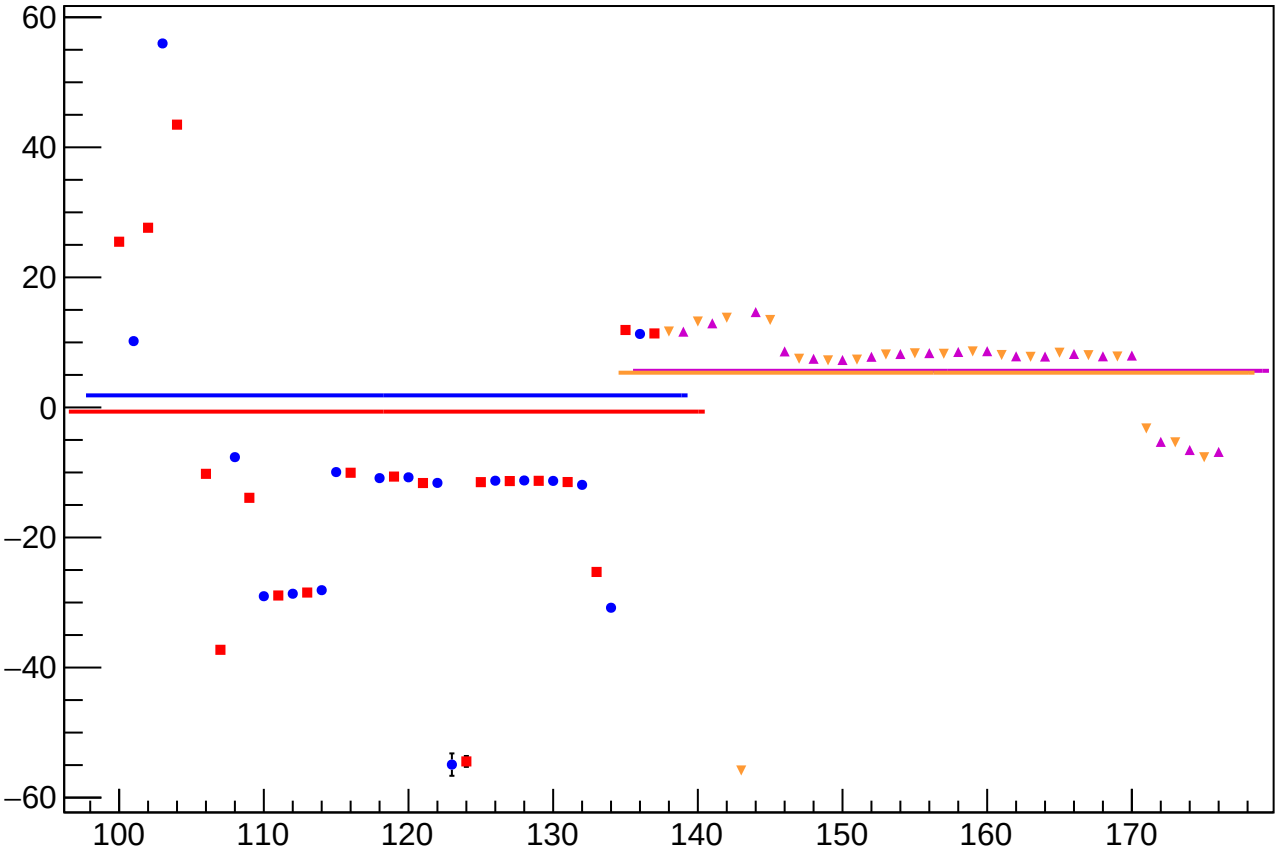
Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: 1.411+/-0.264 χ^2/NDF:1263.0/35

Out: 2.027+/-0.264 χ^2/NDF:1743.8/38

All: 1.719+/-0.187 χ^2/NDF: 3009.6/74

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855+/-0.037 χ^2/NDF: 359414.1/16

Left Out: 5.342+/-0.013 χ^2/NDF:396059.0/19

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 5.633+/-0.013 χ^2/NDF:238232.2/18

Left: 5.492+/-0.009 χ^2/NDF: 634535.9/38

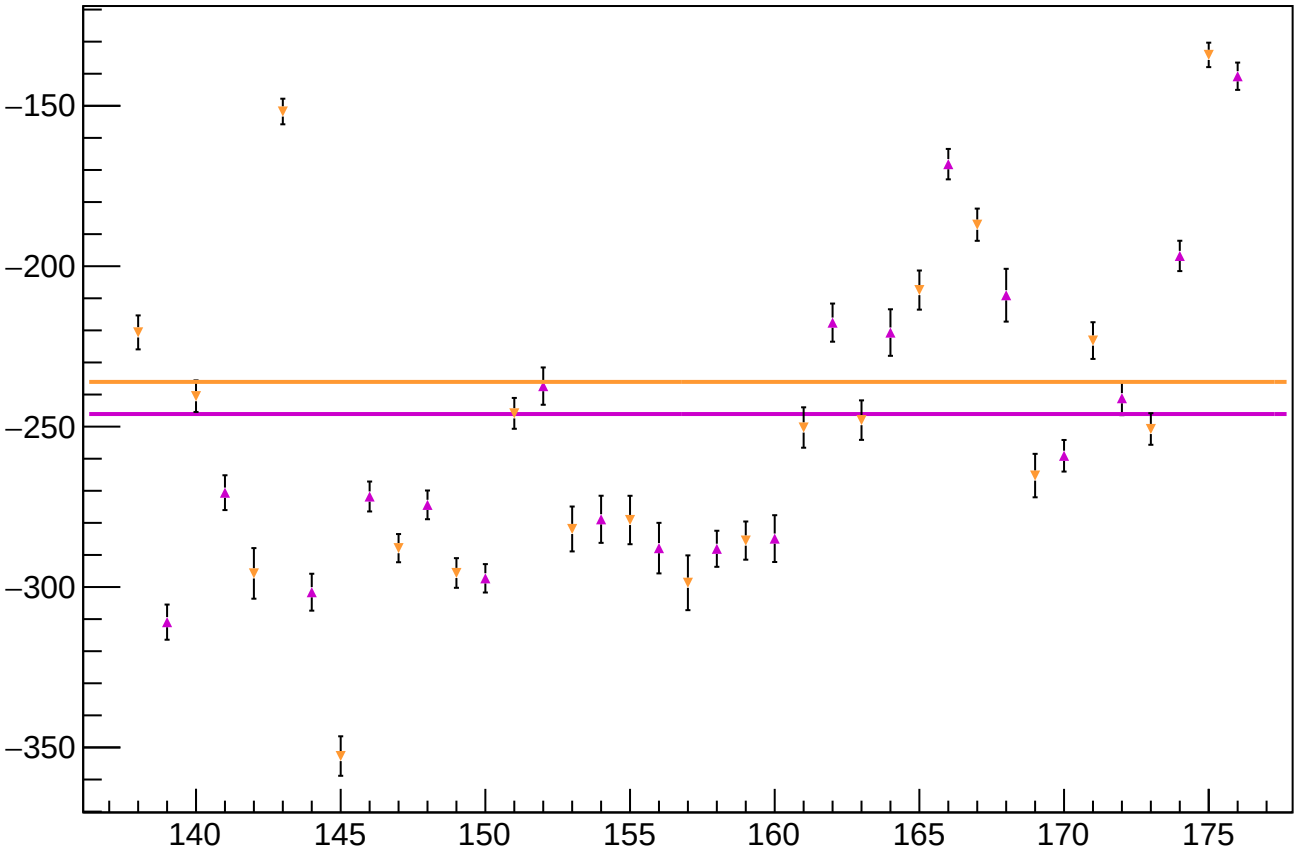
Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 5.221+/-0.012 χ^2/NDF:606933.4/35

Out: 4.658+/-0.013 χ^2/NDF:780804.9/38

All: 4.946+/-0.009 χ^2/NDF: 1388771.5/74

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: -236.058+/-1.209 χ^2/NDF:2253.7/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -246.075+/-1.248 χ^2/NDF:1646.3/18

Left: -240.907+/-0.868 χ^2/NDF: 3933.3/38

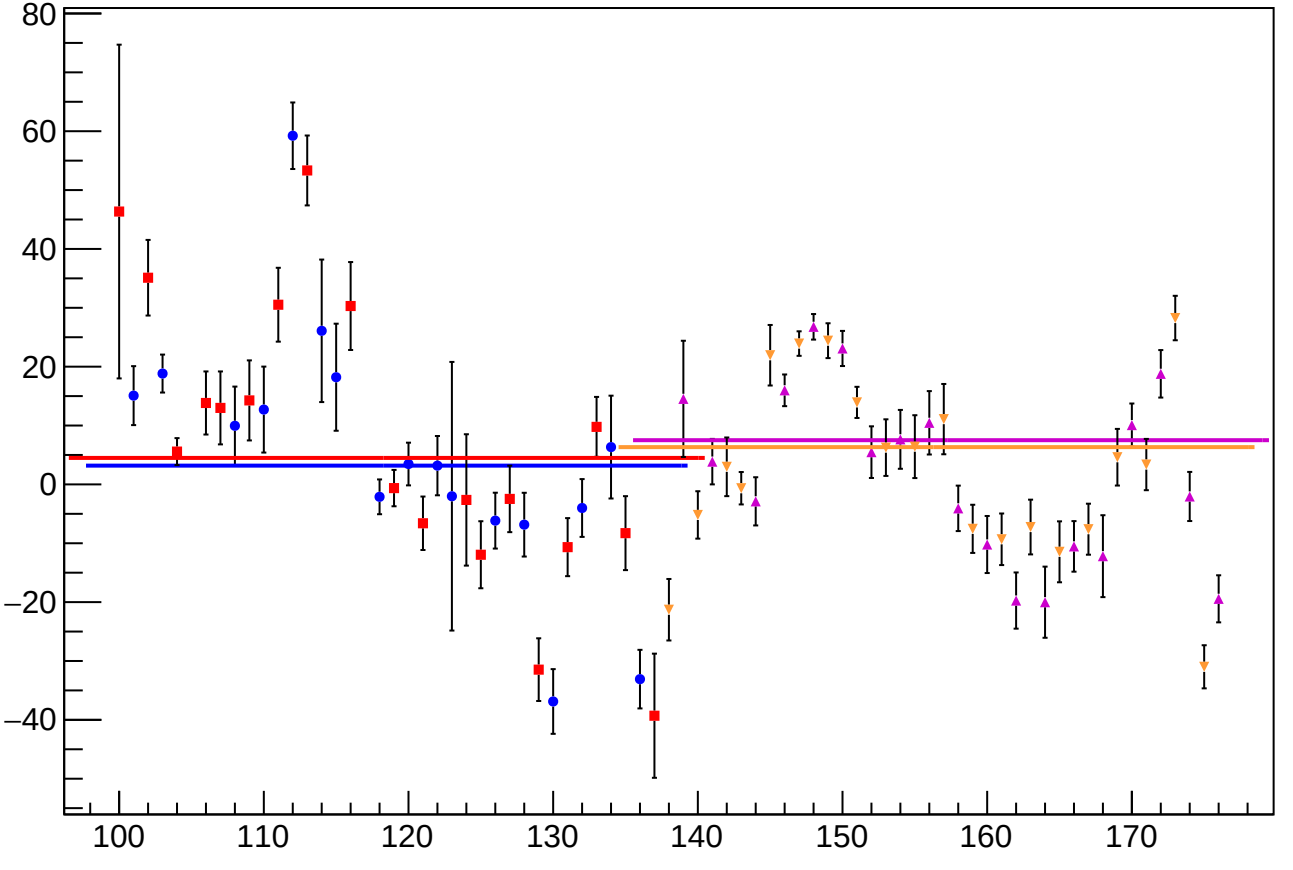
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -246.075+/-1.248 χ^2/NDF:1646.3/18

Out: -236.058+/-1.209 χ^2/NDF:2253.7/19

All: -240.907+/-0.868 χ^2/NDF: 3933.3/38

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.188+/-1.225 χ^2/NDF: 255.6/16

Left Out: 6.331+/-0.848 χ^2/NDF:362.9/19

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 7.510+/-0.899 χ^2/NDF:284.6/18

Left: 6.886+/-0.617 χ^2/NDF: 648.4/38

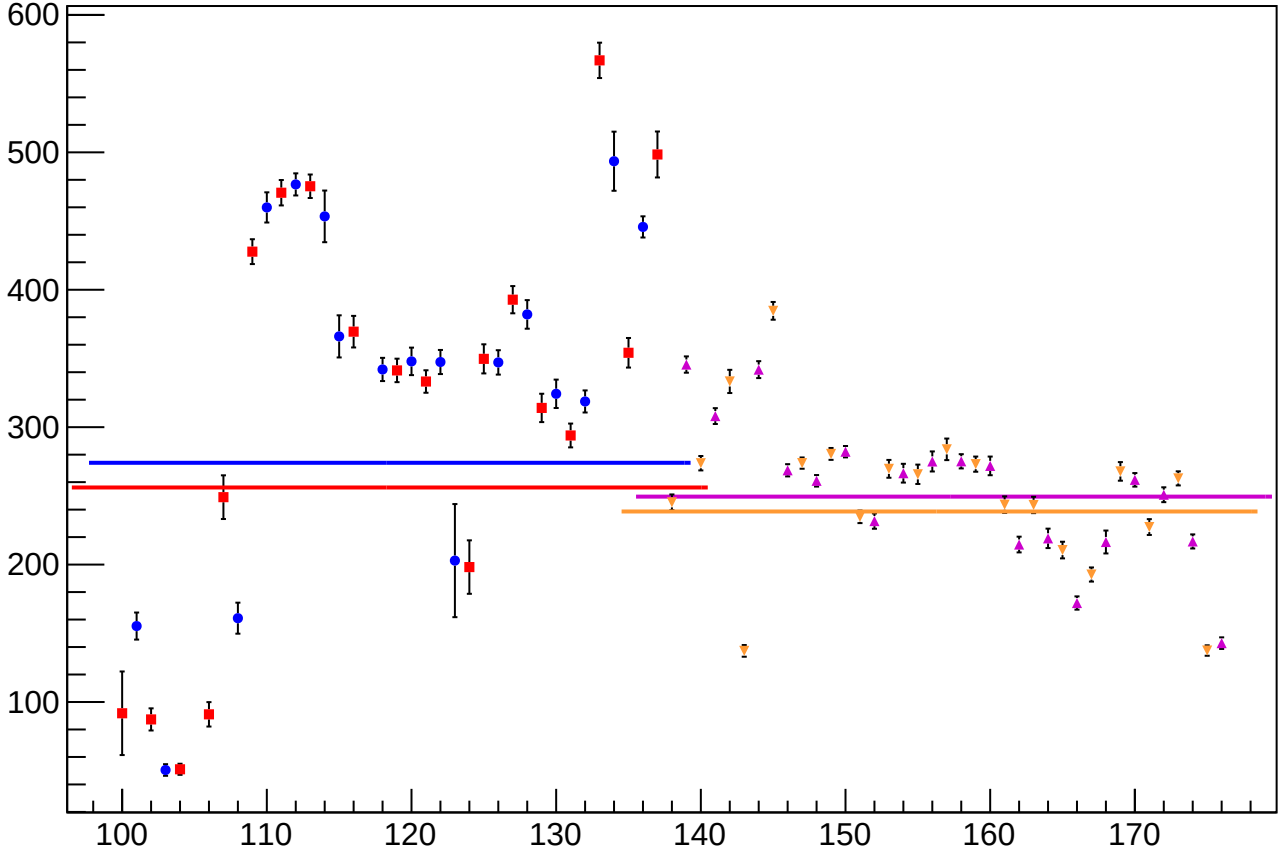
Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 5.997+/-0.725 χ^2/NDF:548.3/35

Out: 5.692+/-0.684 χ^2/NDF:590.0/38

All: 5.836+/-0.498 χ^2/NDF: 1138.4/74

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 274.079+/-2.191 χ^2/NDF: 5112.0/16

Left Out: 238.640+/-1.201 χ^2/NDF:2383.9/19

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 249.460+/-1.232 χ^2/NDF:1759.5/18

Left: 243.912+/-0.860 χ^2/NDF: 4182.9/38

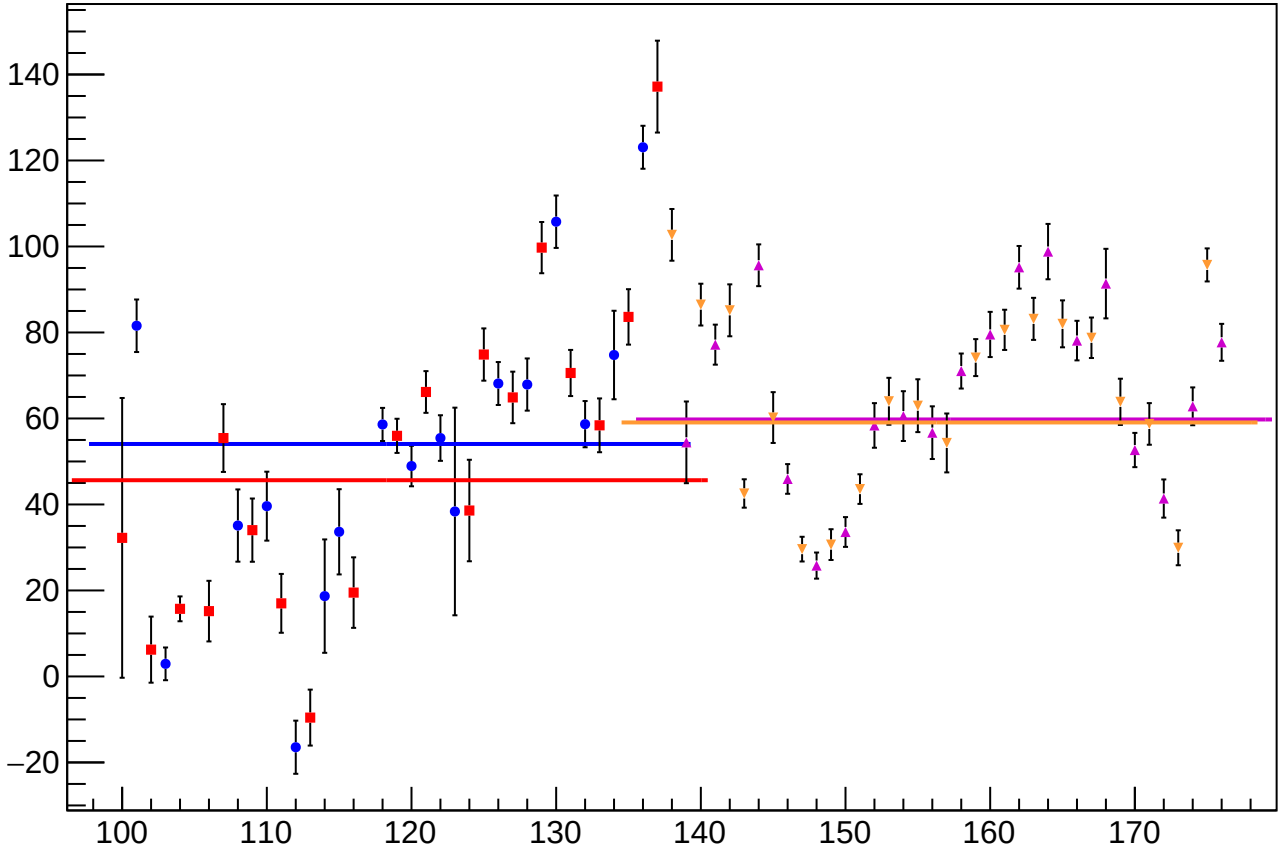
Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 255.372+/-1.074 χ^2/NDF:6967.4/35

Out: 243.006+/-1.040 χ^2/NDF:8880.8/38

All: 248.991+/-0.747 χ^2/NDF: 15916.7/74

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.065+/-1.421 χ^2/NDF: 634.4/16

Left Out: 59.074+/-0.996 χ^2/NDF:554.3/19

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 59.766+/-1.047 χ^2/NDF:446.4/18

Left: 59.402+/-0.722 χ^2/NDF: 1001.0/38

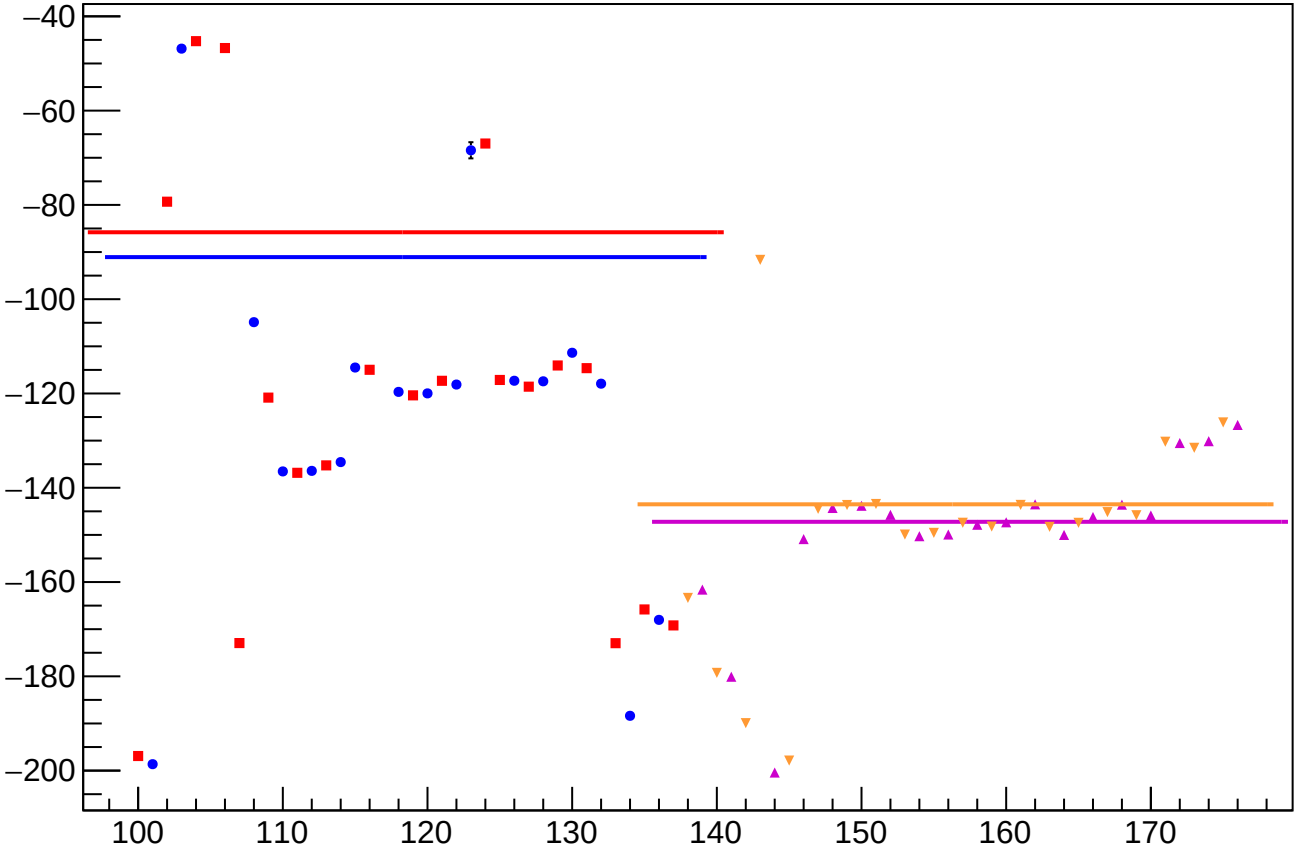
Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 57.759+/-0.843 χ^2/NDF:1091.3/35

Out: 54.380+/-0.803 χ^2/NDF:1148.7/38

All: 55.989+/-0.581 χ^2/NDF: 2248.4/74

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074+/-0.068 χ^2/NDF: 534647.5/16

Left Out: -143.509+/-0.048 χ^2/NDF:208319.2/19

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -147.221+/-0.049 χ^2/NDF:92640.1/18

Left: -145.345+/-0.034 χ^2/NDF: 303865.1/38

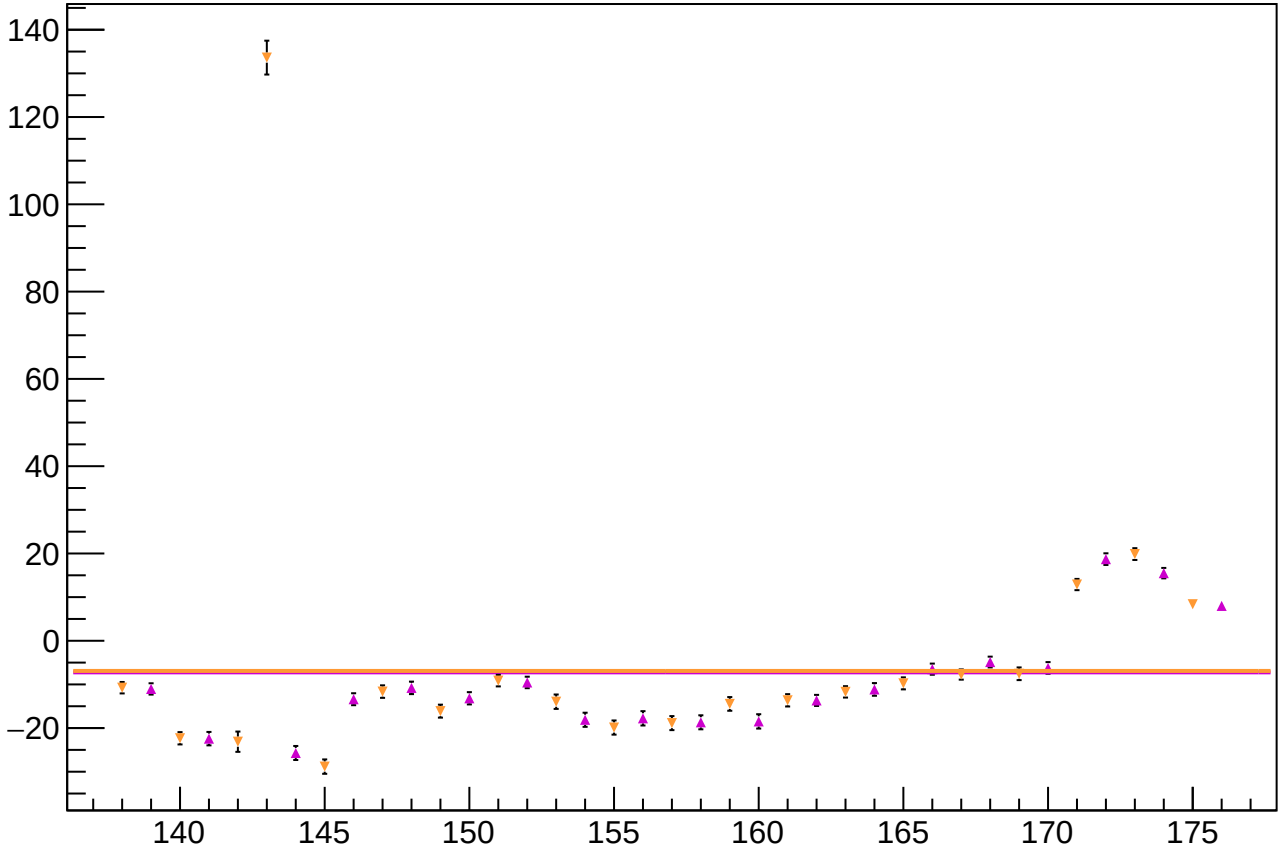
Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -127.875+/-0.040 χ^2/NDF:1080393.1/35

Out: -122.934+/-0.039 χ^2/NDF:1210722.4/38

All: -125.354+/-0.028 χ^2/NDF: 2299041.0/74

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: -6.910+/-0.319 χ^2/NDF:2801.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -7.233+/-0.314 χ^2/NDF:1467.9/18

Left: -7.075+/-0.224 χ^2/NDF: 4269.6/38

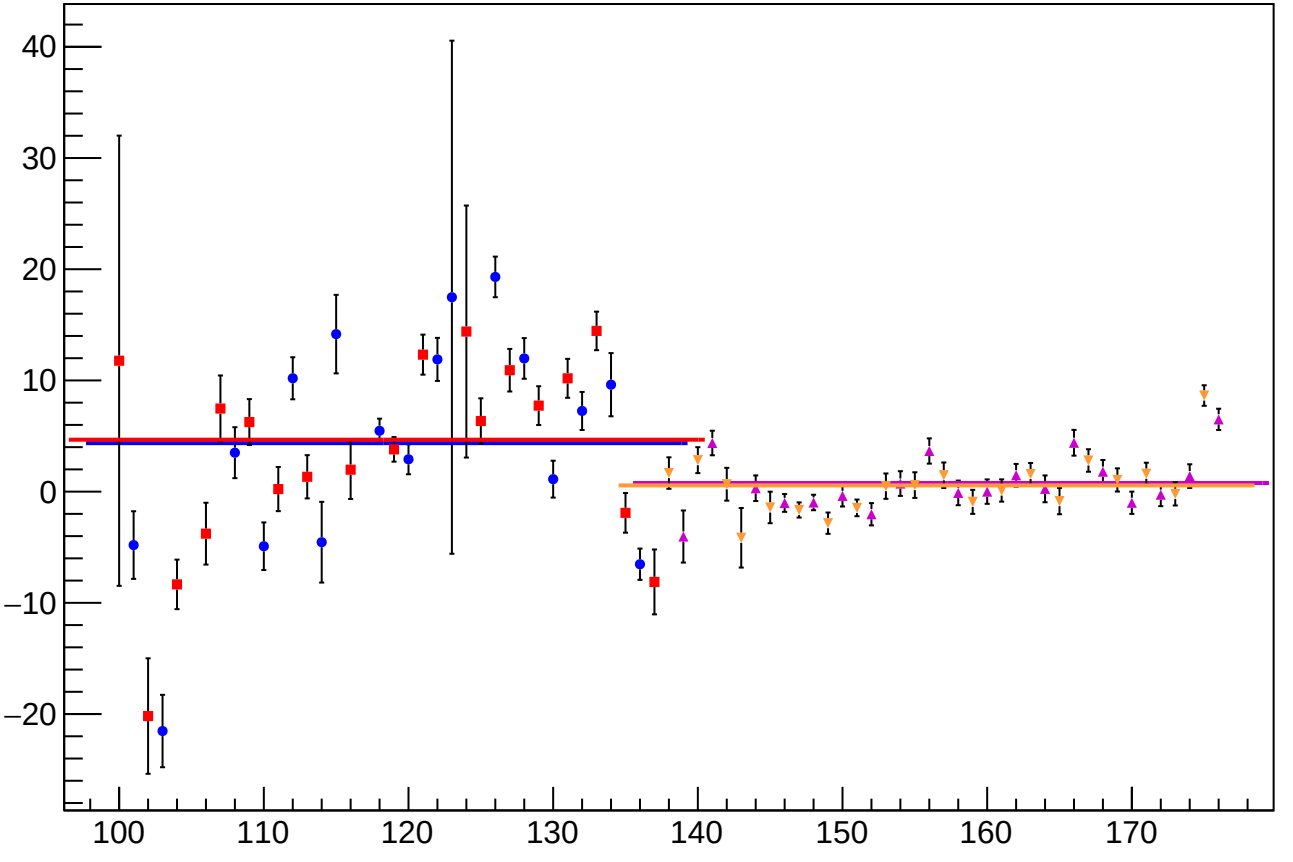
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.233+/-0.314 χ^2/NDF:1467.9/18

Out: -6.910+/-0.319 χ^2/NDF:2801.1/19

All: -7.075+/-0.224 χ^2/NDF: 4269.6/38

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361+/-0.464 χ^2/NDF: 286.5/16

Left Out: 0.561+/-0.234 χ^2/NDF:128.3/19

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 0.777+/-0.236 χ^2/NDF:94.9/18

Left: 0.668+/-0.166 χ^2/NDF: 223.6/38

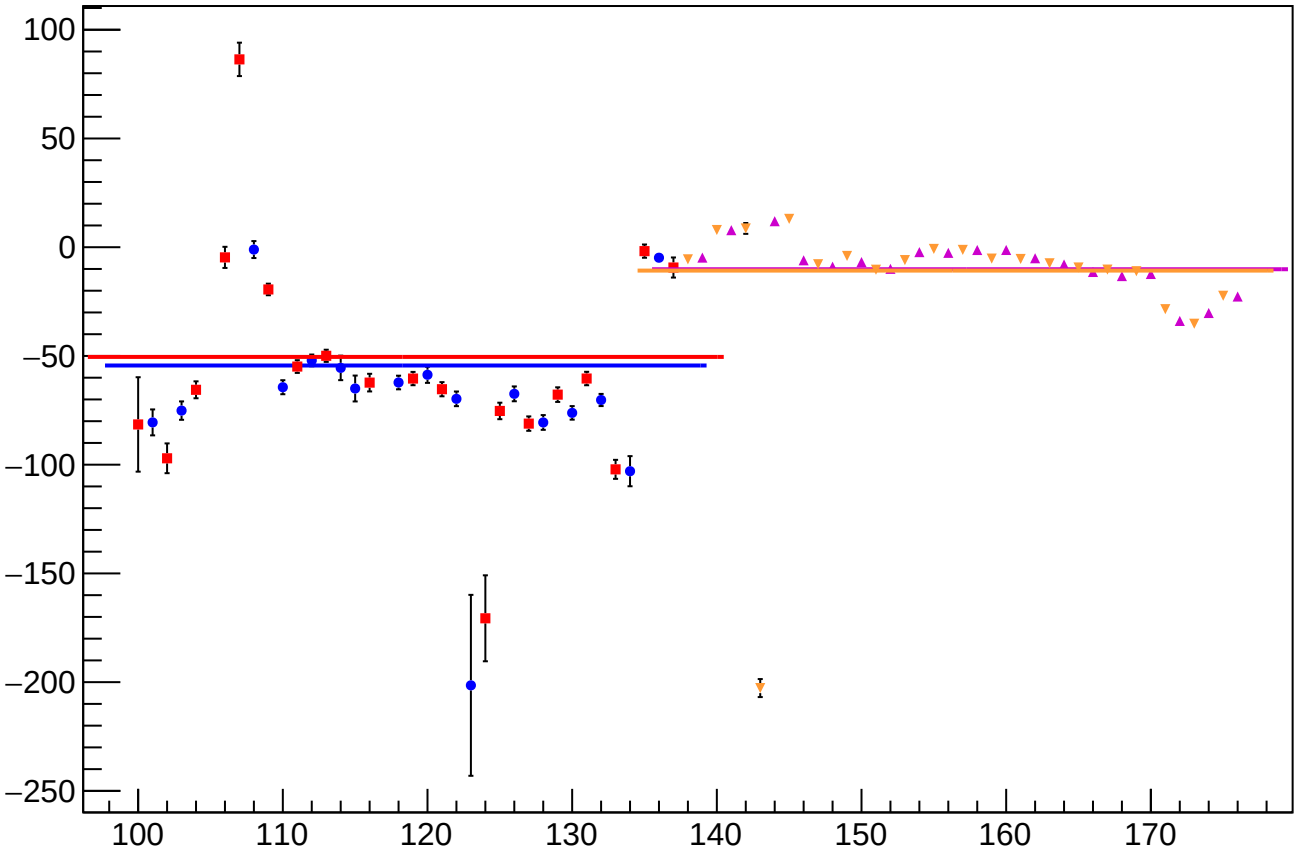
Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 1.513+/-0.210 χ^2/NDF:428.7/35

Out: 1.367+/-0.210 χ^2/NDF:374.1/38

All: 1.440+/-0.149 χ^2/NDF: 803.0/74

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392+/-0.863 χ^2/NDF: 1013.4/16

Left Out: -10.749+/-0.315 χ^2/NDF:3362.6/19

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -10.125+/-0.310 χ^2/NDF:1165.7/18

Left: -10.432+/-0.221 χ^2/NDF: 4530.4/38

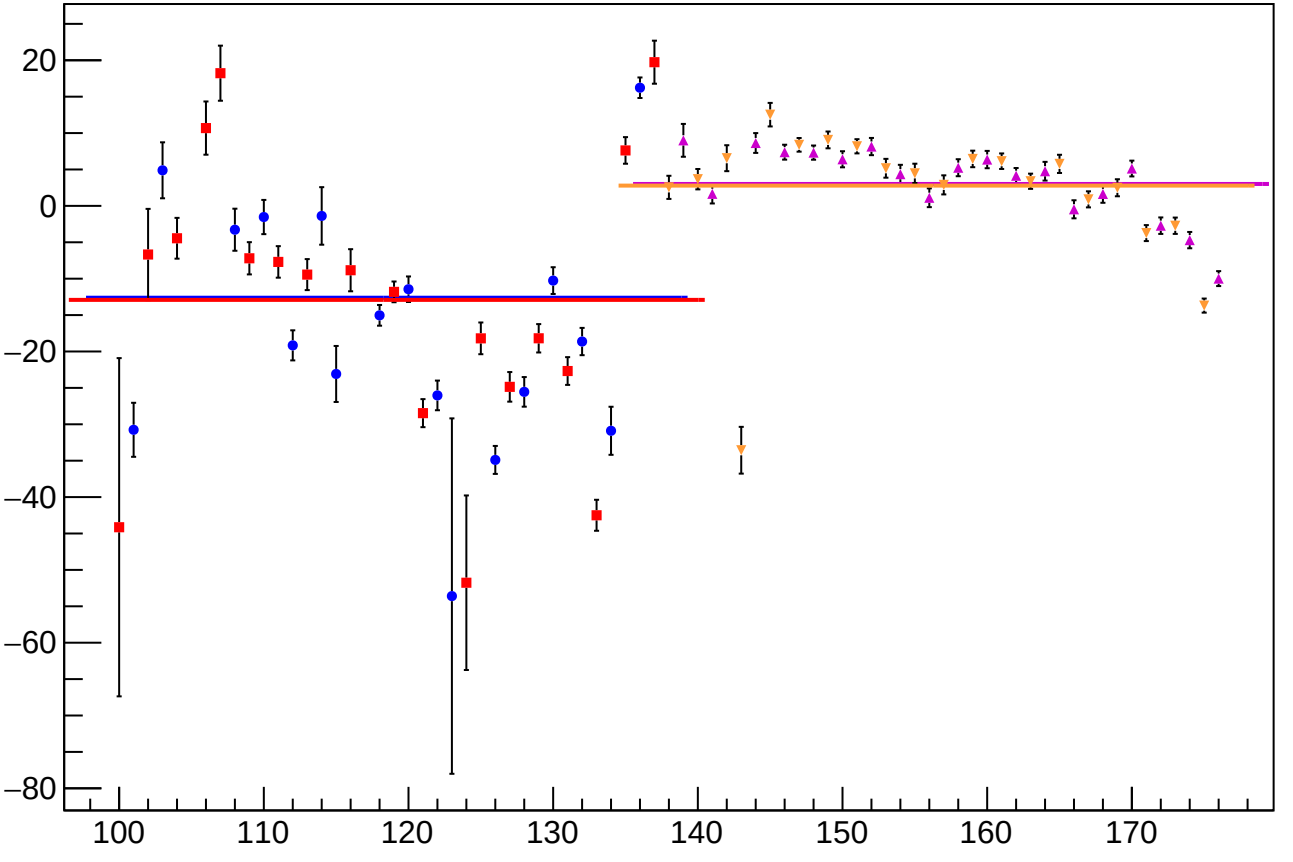
Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -15.200+/-0.292 χ^2/NDF:4511.2/35

Out: -15.479+/-0.296 χ^2/NDF:6575.1/38

All: -15.338+/-0.208 χ^2/NDF: 11086.8/74

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.616+/-0.530 χ^2/NDF: 788.2/16

Left Out: 2.784+/-0.269 χ^2/NDF:649.3/19

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 3.010+/-0.270 χ^2/NDF:355.6/18

Left: 2.896+/-0.191 χ^2/NDF: 1005.2/38

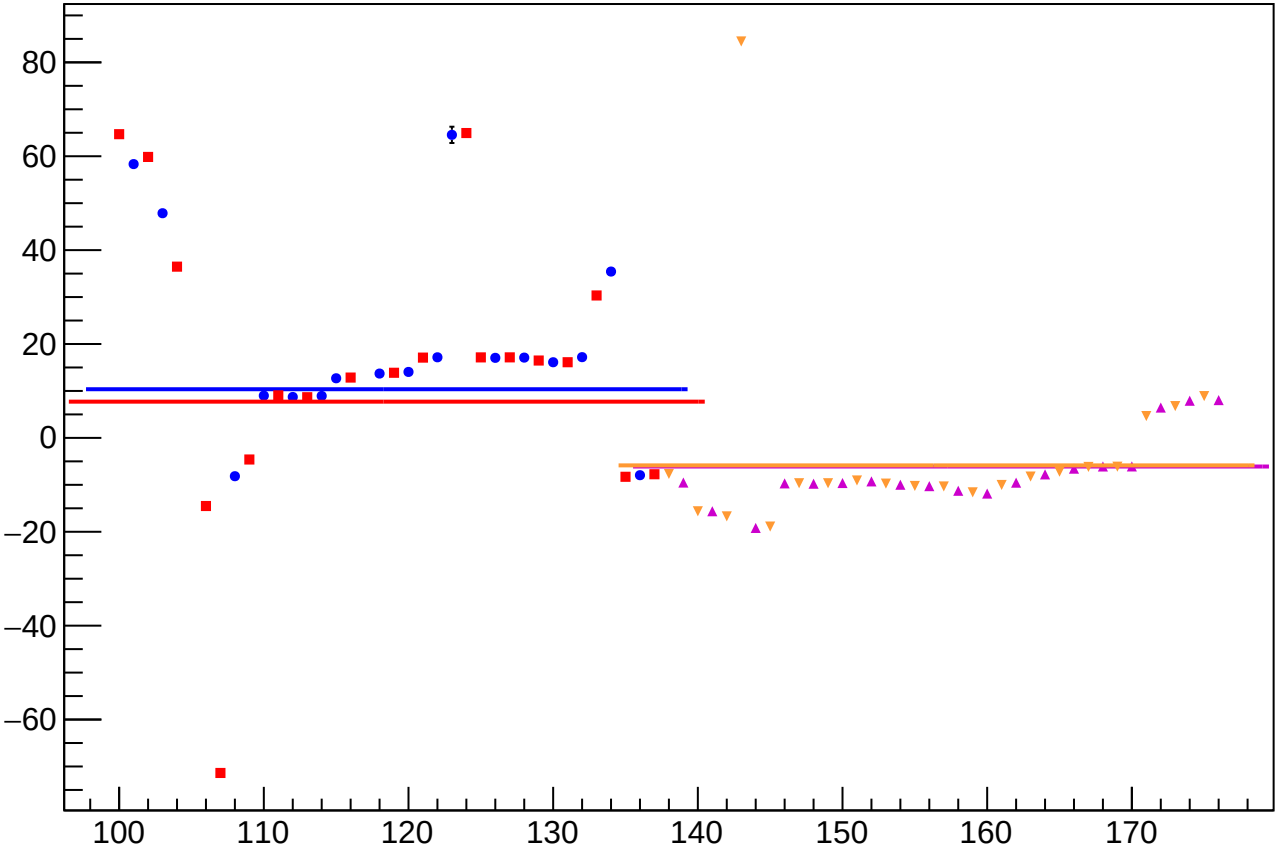
Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: -0.212+/-0.241 χ^2/NDF:1833.3/35

Out: -0.349+/-0.240 χ^2/NDF:2060.3/38

All: -0.281+/-0.170 χ^2/NDF: 3893.8/74

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.366+/-0.031 χ^2/NDF: 381003.5/16

Left Out: -5.856+/-0.012 χ^2/NDF:636446.2/19

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -6.100+/-0.012 χ^2/NDF:371034.1/18

Left: -5.981+/-0.009 χ^2/NDF: 1007678.4/38

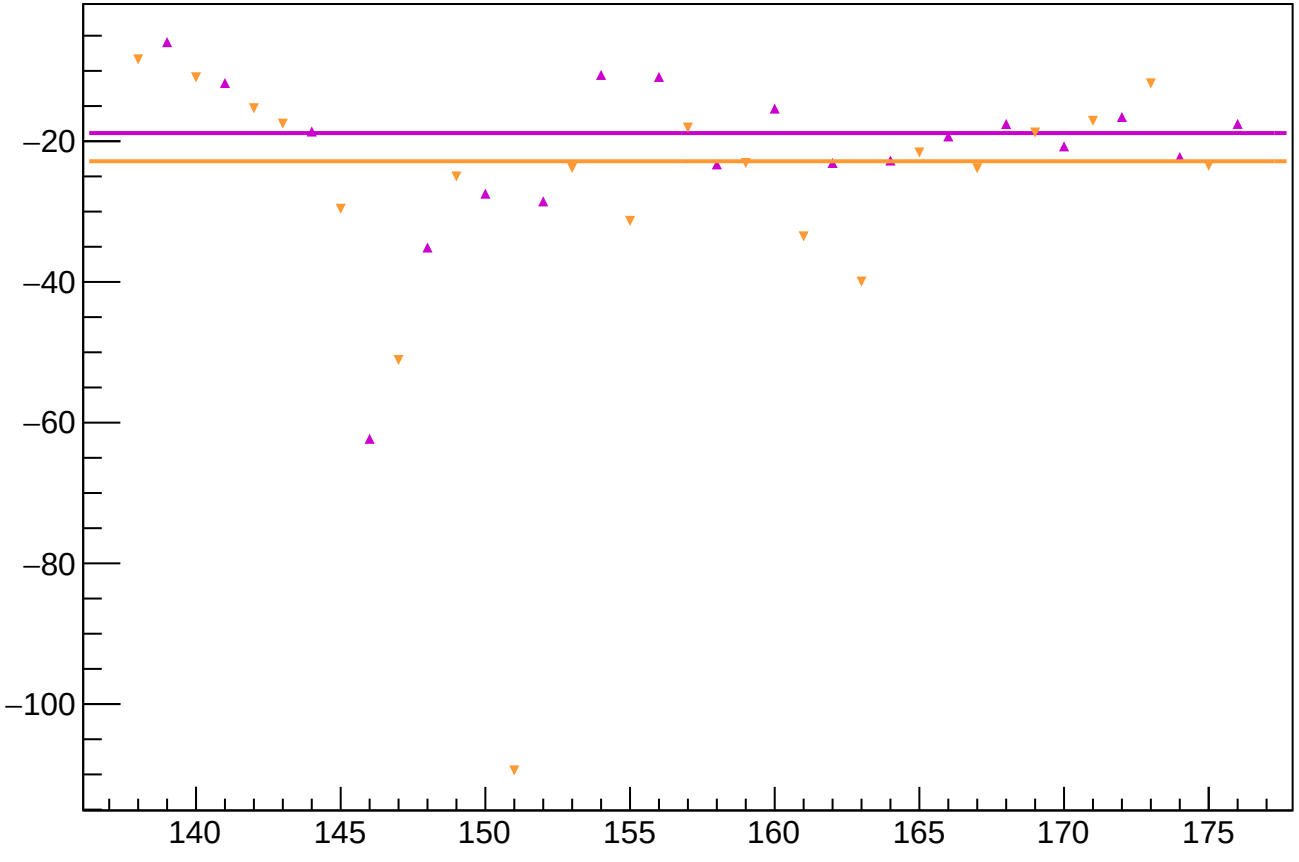
Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: -3.861+/-0.011 χ^2/NDF:1003254.6/35

Out: -3.997+/-0.012 χ^2/NDF:1344334.9/38

All: -3.927+/-0.008 χ^2/NDF: 2347660.3/74

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -22.847+/-0.051 χ^2/NDF:62488.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -18.839+/-0.046 χ^2/NDF:38461.5/18

Left: -20.605+/-0.034 χ^2/NDF: 104353.0/38

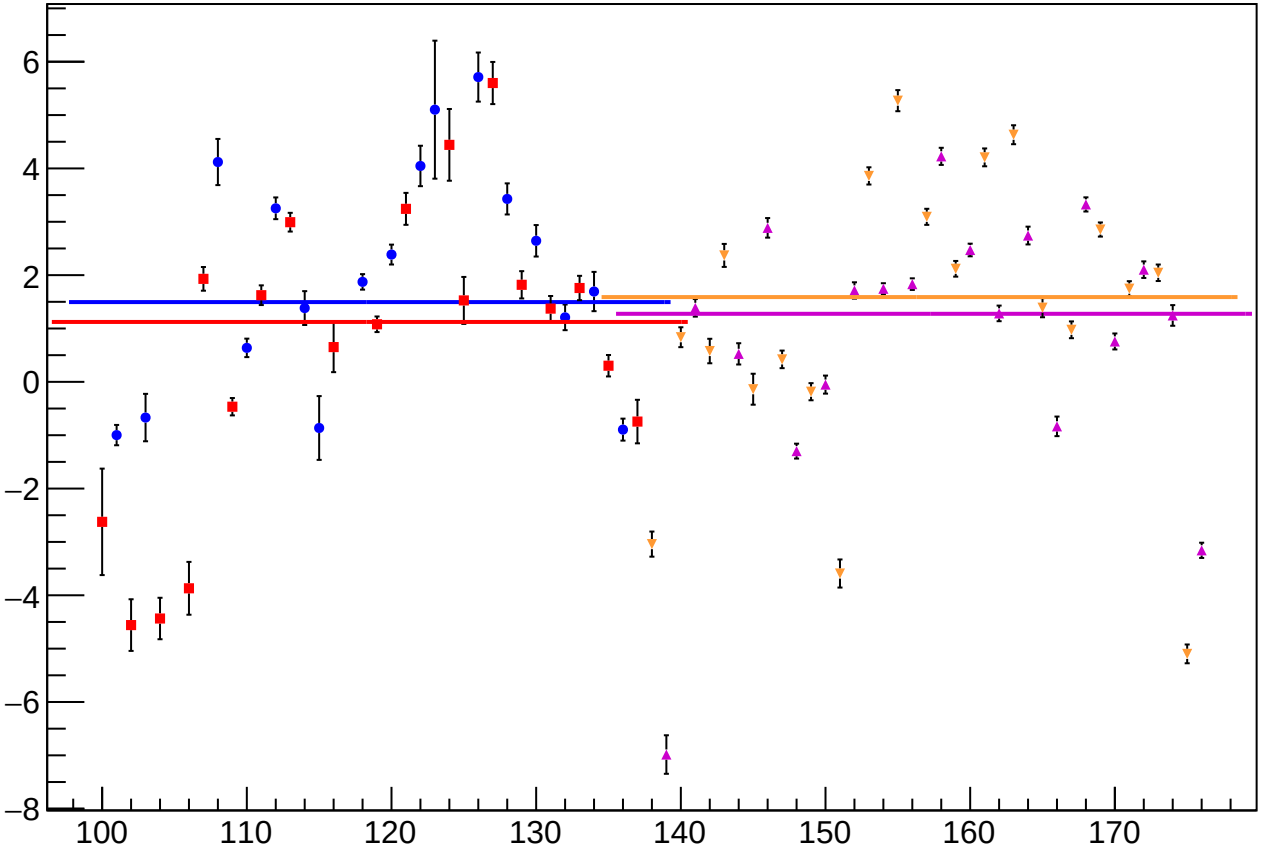
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.839+/-0.046 χ^2/NDF:38461.5/18

Out: -22.847+/-0.051 χ^2/NDF:62488.3/19

All: -20.605+/-0.034 χ^2/NDF: 104353.0/38

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495+/-0.061 χ^2/NDF: 708.8/16

Left Out: 1.589+/-0.039 χ^2/NDF:3786.4/19

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 1.275+/-0.034 χ^2/NDF:2964.0/18

Left: 1.413+/-0.026 χ^2/NDF: 6786.9/38

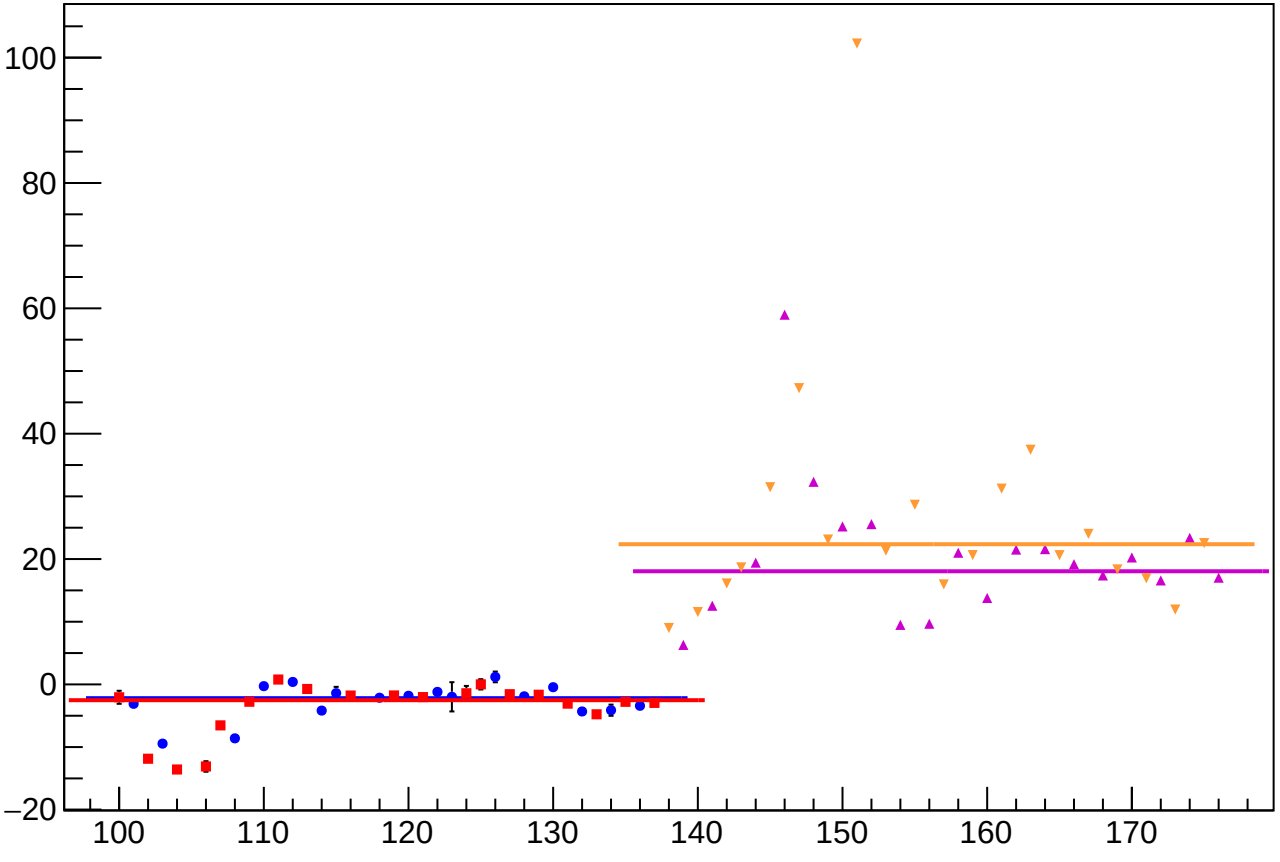
Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 1.328+/-0.030 χ^2/NDF:3682.6/35

Out: 1.445+/-0.032 χ^2/NDF:4777.3/38

All: 1.382+/-0.022 χ^2/NDF: 8466.9/74

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.200+/-0.111 χ^2/NDF: 461.0/16

Left Out: 22.366+/-0.051 χ^2/NDF:55672.0/19

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 18.052+/-0.045 χ^2/NDF:36495.5/18

Left: 19.929+/-0.034 χ^2/NDF: 96221.1/38

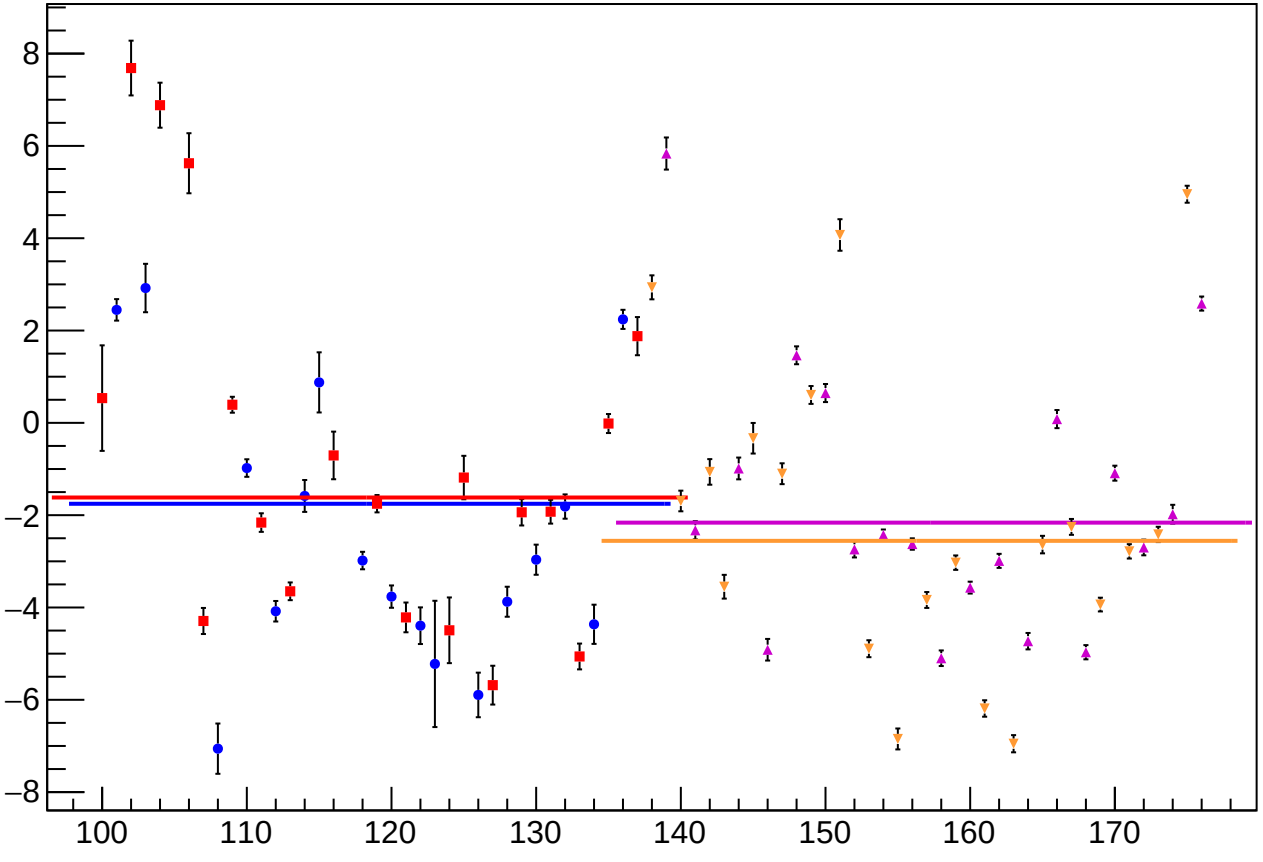
Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 15.209+/-0.041 χ^2/NDF:65787.6/35

Out: 17.155+/-0.045 χ^2/NDF:106582.3/38

All: 16.096+/-0.031 χ^2/NDF: 173374.9/74

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -2.556+/-0.044 χ^2/NDF:4550.2/19

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -2.162+/-0.039 χ^2/NDF:3419.4/18

Left: -2.335+/-0.029 χ^2/NDF: 8015.3/38

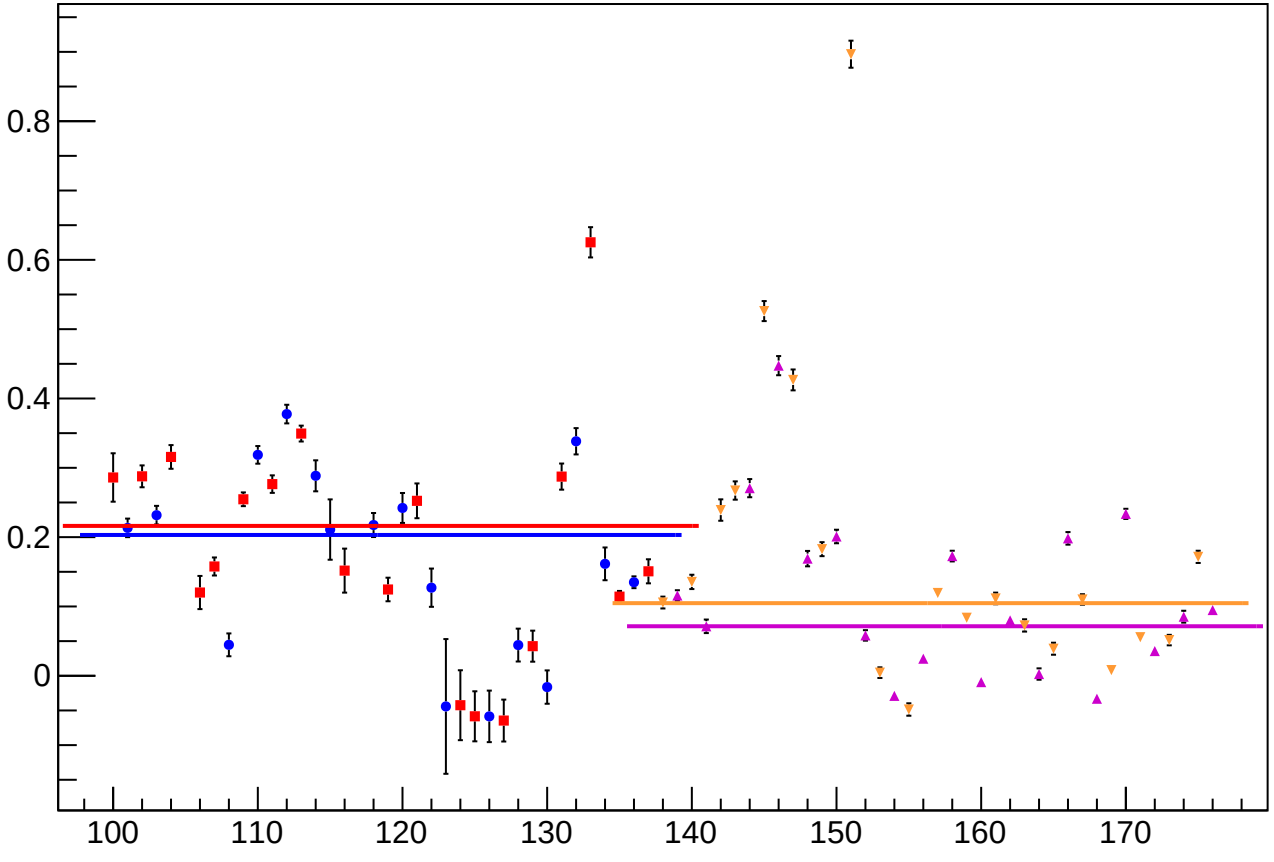
Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -2.067+/-0.034 χ^2/NDF:4790.4/35

Out: -2.269+/-0.036 χ^2/NDF:6179.3/38

All: -2.161+/-0.025 χ^2/NDF: 10986.3/74

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203+/-0.004 χ^2/NDF: 677.2/16

Left Out: 0.105+/-0.002 χ^2/NDF:4161.3/19

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.071+/-0.002 χ^2/NDF:3226.7/18

Left: 0.085+/-0.001 χ^2/NDF: 7554.9/38

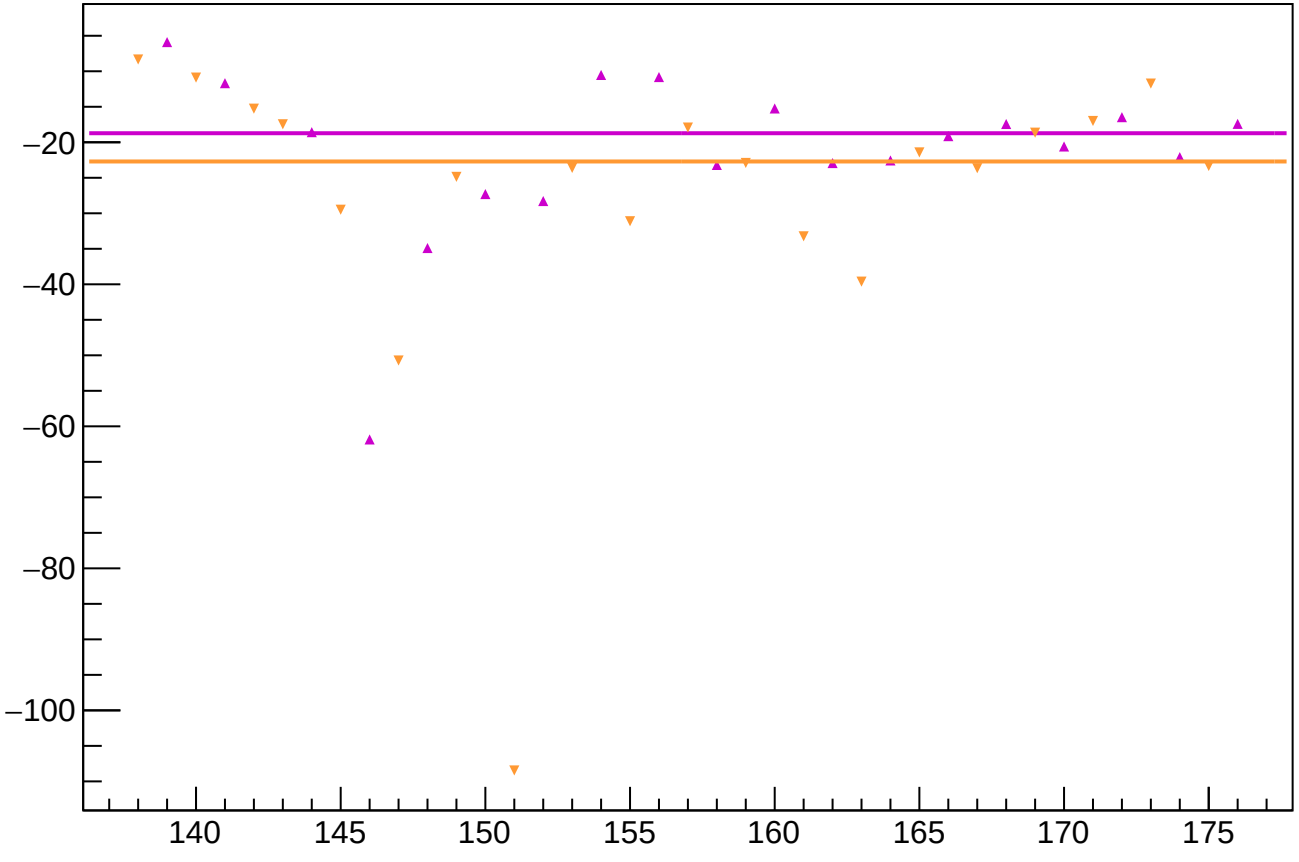
Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.090+/-0.002 χ^2/NDF:4776.3/35

Out: 0.129+/-0.002 χ^2/NDF:5938.7/38

All: 0.108+/-0.001 χ^2/NDF: 11000.4/74

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -22.704+/-0.051 χ^2/NDF:62301.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -18.725+/-0.045 χ^2/NDF:38374.2/18

Left: -20.479+/-0.034 χ^2/NDF: 104073.0/38

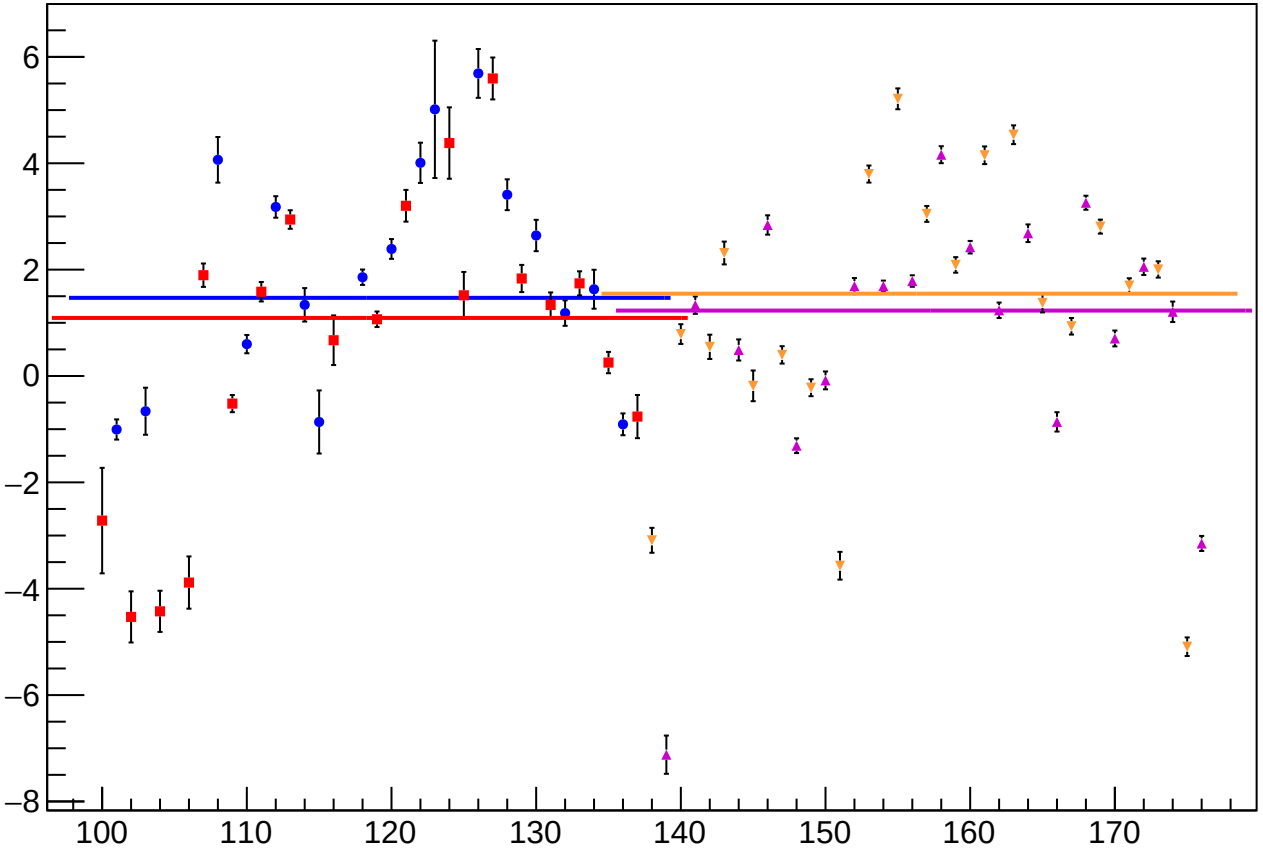
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.725+/-0.045 χ^2/NDF:38374.2/18

Out: -22.704+/-0.051 χ^2/NDF:62301.4/19

All: -20.479+/-0.034 χ^2/NDF: 104073.0/38

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470+/-0.061 χ^2/NDF: 707.9/16

Left Out: 1.548+/-0.039 χ^2/NDF:3785.3/19

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 1.230+/-0.034 χ^2/NDF:2967.2/18

Left: 1.370+/-0.026 χ^2/NDF: 6790.6/38

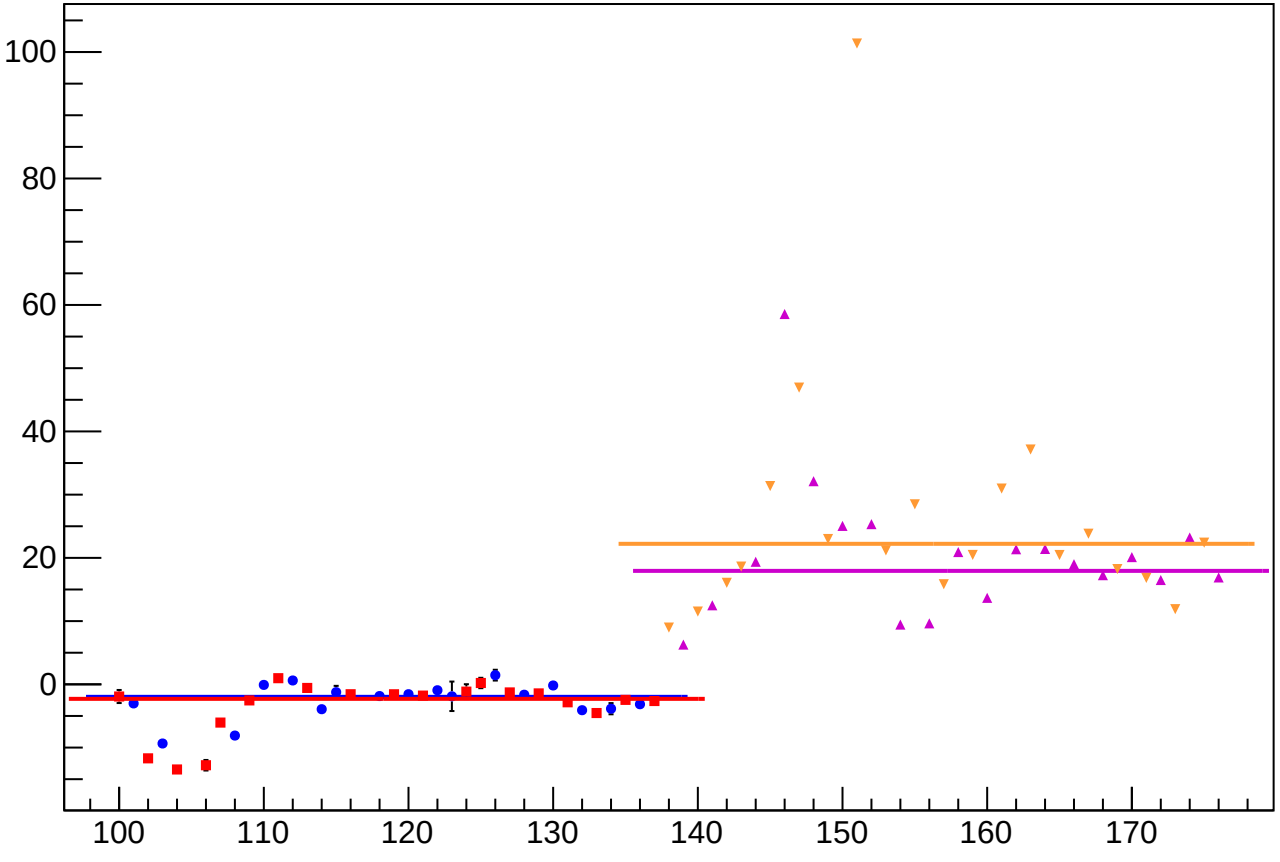
Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 1.288+/-0.030 χ^2/NDF:3686.9/35

Out: 1.408+/-0.032 χ^2/NDF:4780.3/38

All: 1.343+/-0.022 χ^2/NDF: 8474.7/74

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977+/-0.110 χ^2/NDF: 463.8/16

Left Out: 22.224+/-0.051 χ^2/NDF:55525.1/19

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 17.944+/-0.044 χ^2/NDF:36418.7/18

Left: 19.806+/-0.033 χ^2/NDF: 95986.1/38

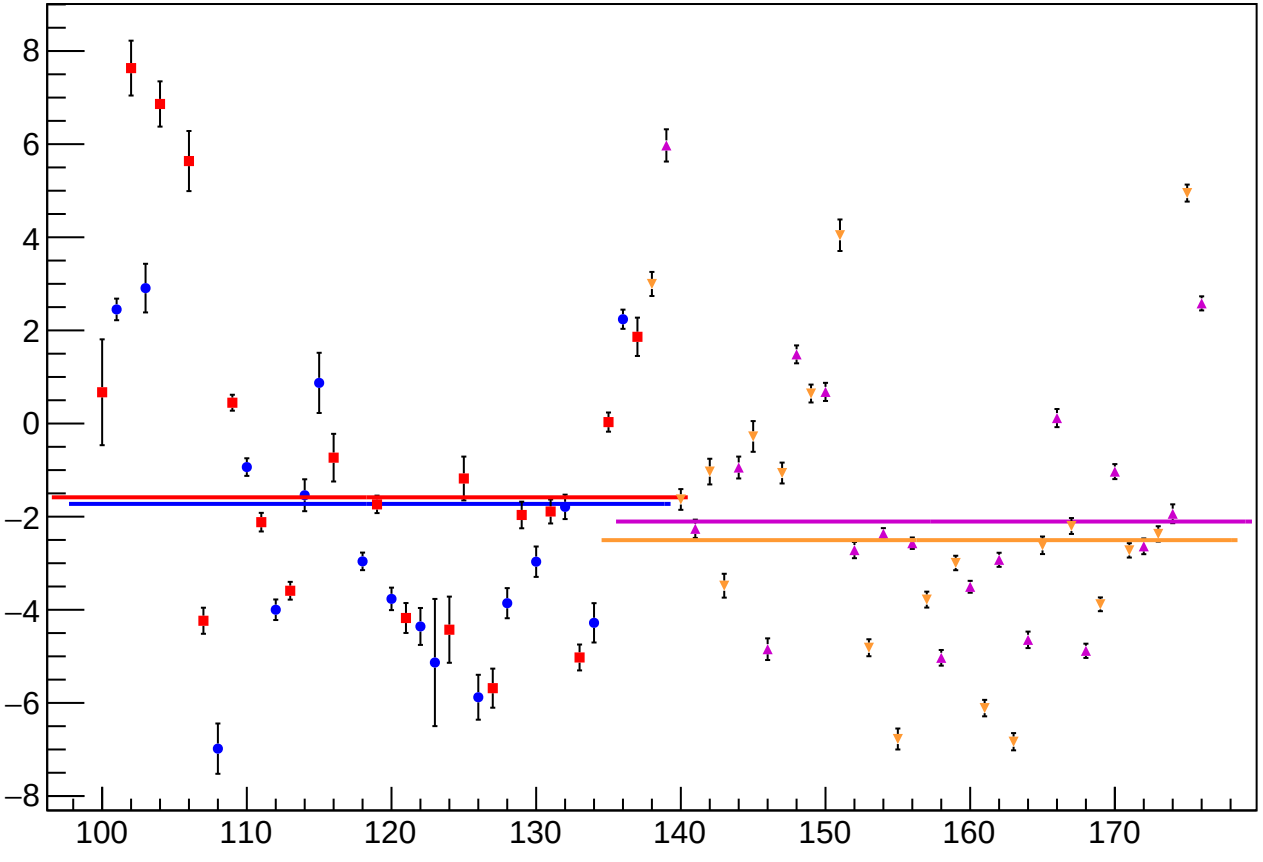
Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 15.155+/-0.041 χ^2/NDF:65066.6/35

Out: 17.100+/-0.045 χ^2/NDF:105514.3/38

All: 16.042+/-0.030 χ^2/NDF: 171598.5/74

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -2.504+/-0.043 χ^2/NDF:4547.4/19

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -2.105+/-0.038 χ^2/NDF:3421.7/18

Left: -2.281+/-0.029 χ^2/NDF: 8016.6/38

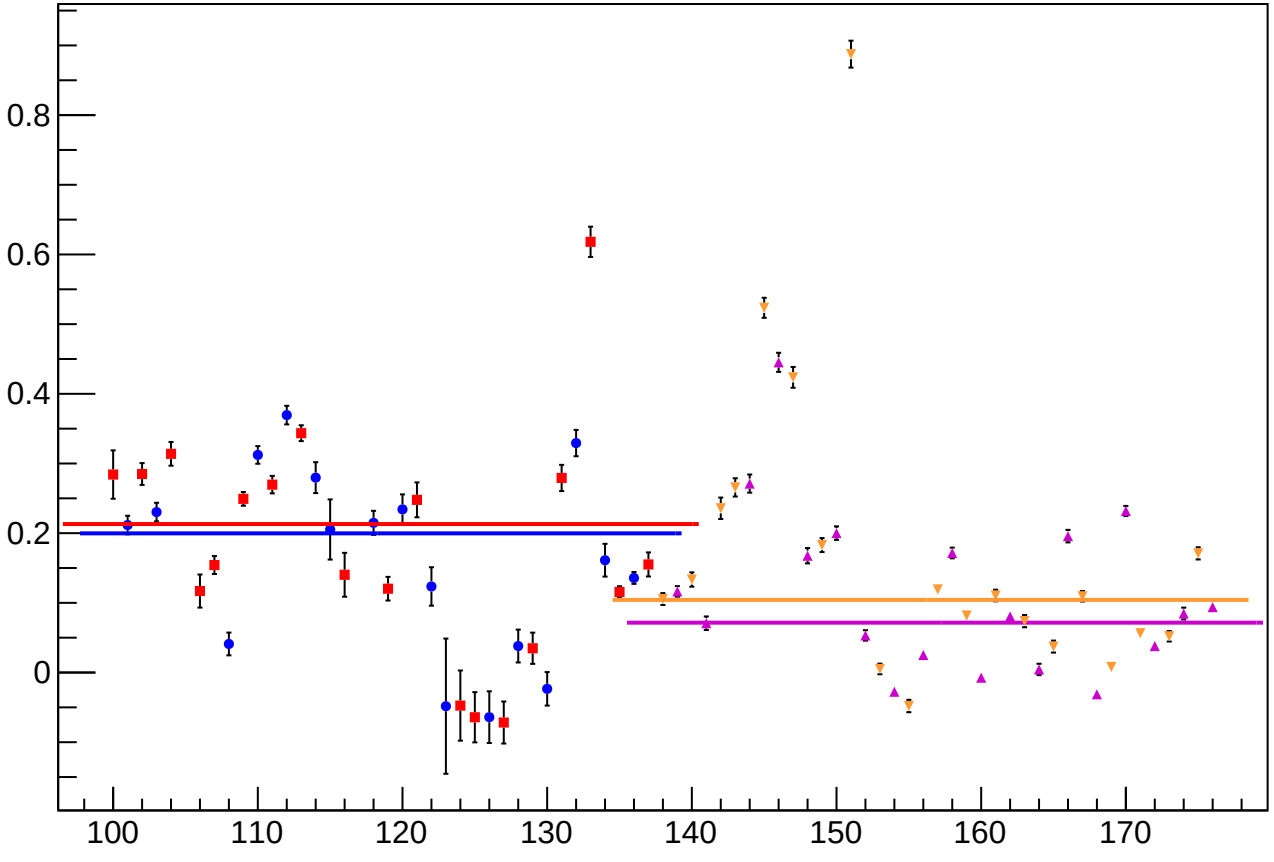
Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -2.017+/-0.034 χ^2/NDF:4785.7/35

Out: -2.224+/-0.036 χ^2/NDF:6177.6/38

All: -2.113+/-0.025 χ^2/NDF: 10980.8/74

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200+/-0.004 χ^2/NDF: 662.5/16

Left Out: 0.104+/-0.002 χ^2/NDF:4153.2/19

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.072+/-0.002 χ^2/NDF:3198.8/18

Left: 0.085+/-0.001 χ^2/NDF: 7514.4/38

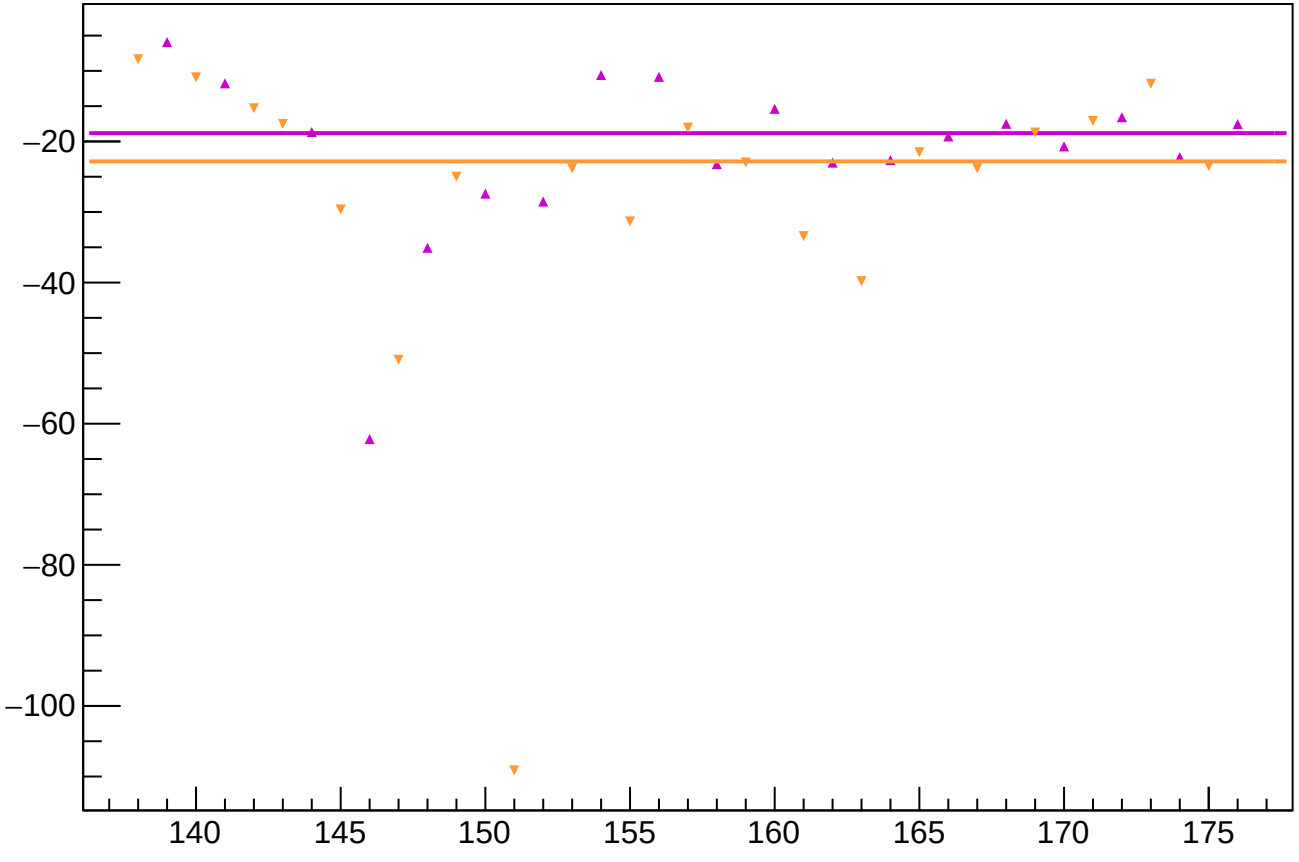
Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.090+/-0.002 χ^2/NDF:4696.0/35

Out: 0.128+/-0.002 χ^2/NDF:5888.9/38

All: 0.107+/-0.001 χ^2/NDF: 10862.9/74

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -22.829+/-0.051 χ^2/NDF:62415.1/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -18.823+/-0.046 χ^2/NDF:38432.5/18

Left: -20.588+/-0.034 χ^2/NDF: 104263.6/38

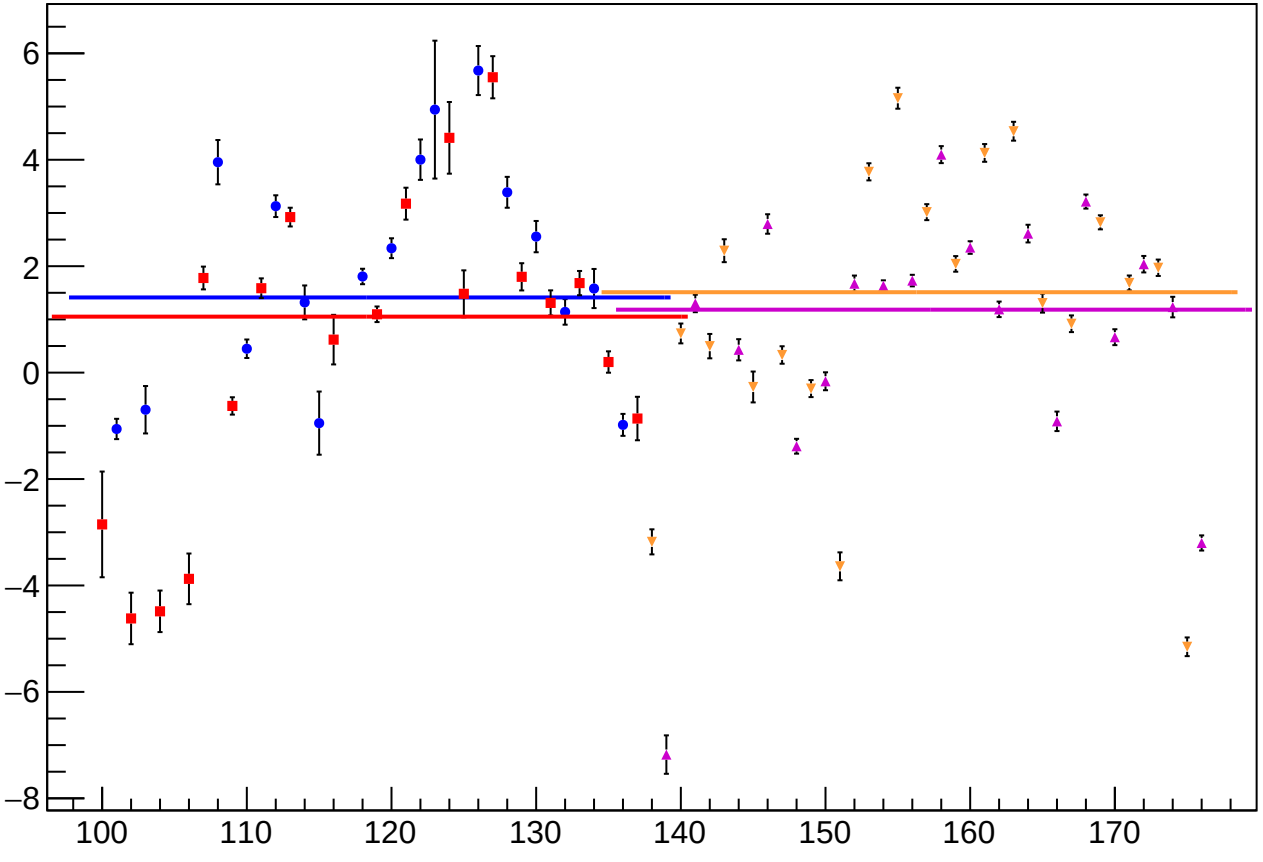
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.823+/-0.046 χ^2/NDF:38432.5/18

Out: -22.829+/-0.051 χ^2/NDF:62415.1/19

All: -20.588+/-0.034 χ^2/NDF: 104263.6/38

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413+/-0.061 χ^2/NDF: 713.9/16

Left Out: 1.511+/-0.039 χ^2/NDF:3805.0/19

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 1.183+/-0.034 χ^2/NDF:2945.8/18

Left: 1.327+/-0.026 χ^2/NDF: 6791.1/38

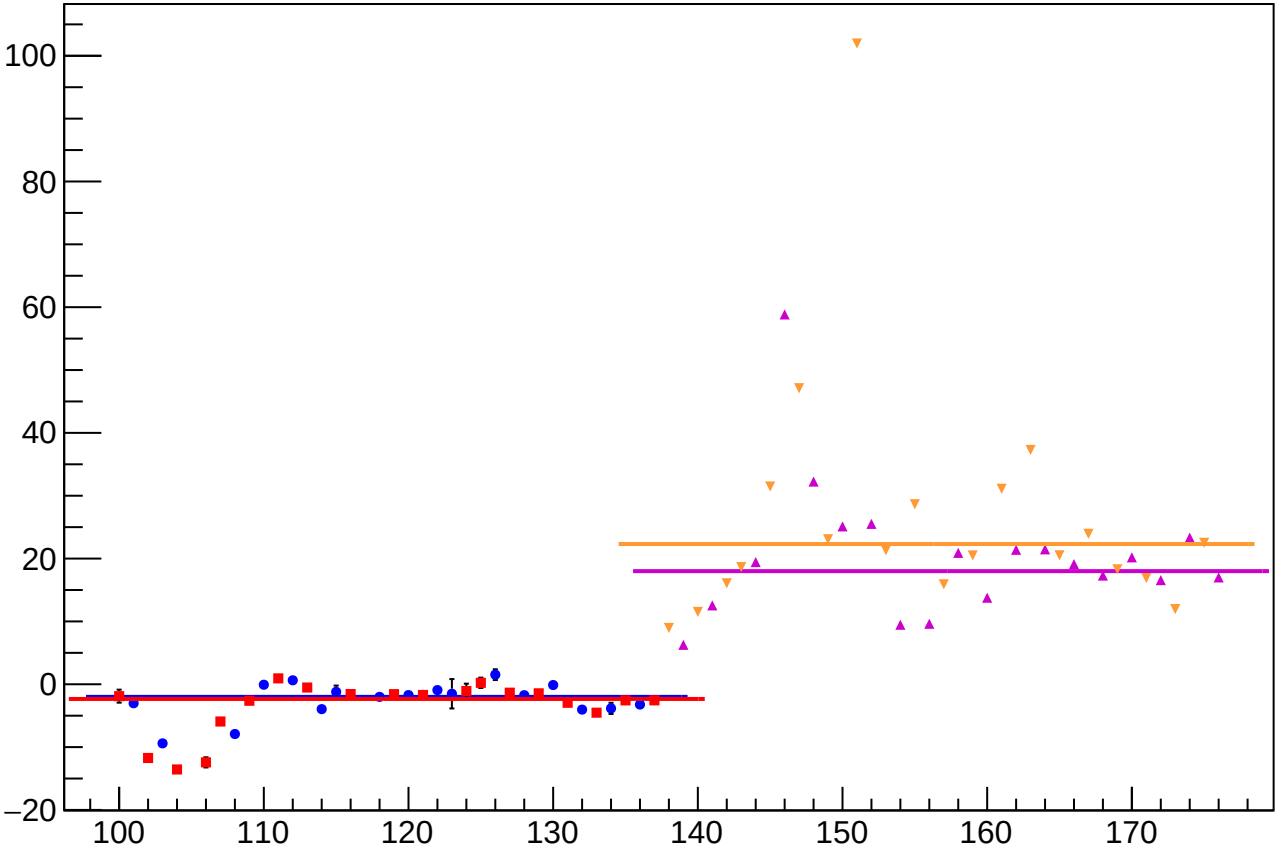
Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 1.238+/-0.030 χ^2/NDF:3670.4/35

Out: 1.370+/-0.032 χ^2/NDF:4811.6/38

All: 1.299+/-0.022 χ^2/NDF: 8491.1/74

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.006+/-0.111 χ^2/NDF: 463.3/16

Left Out: 22.314+/-0.051 χ^2/NDF:55622.7/19

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 18.003+/-0.045 χ^2/NDF:36492.5/18

Left: 19.879+/-0.034 χ^2/NDF: 96183.4/38

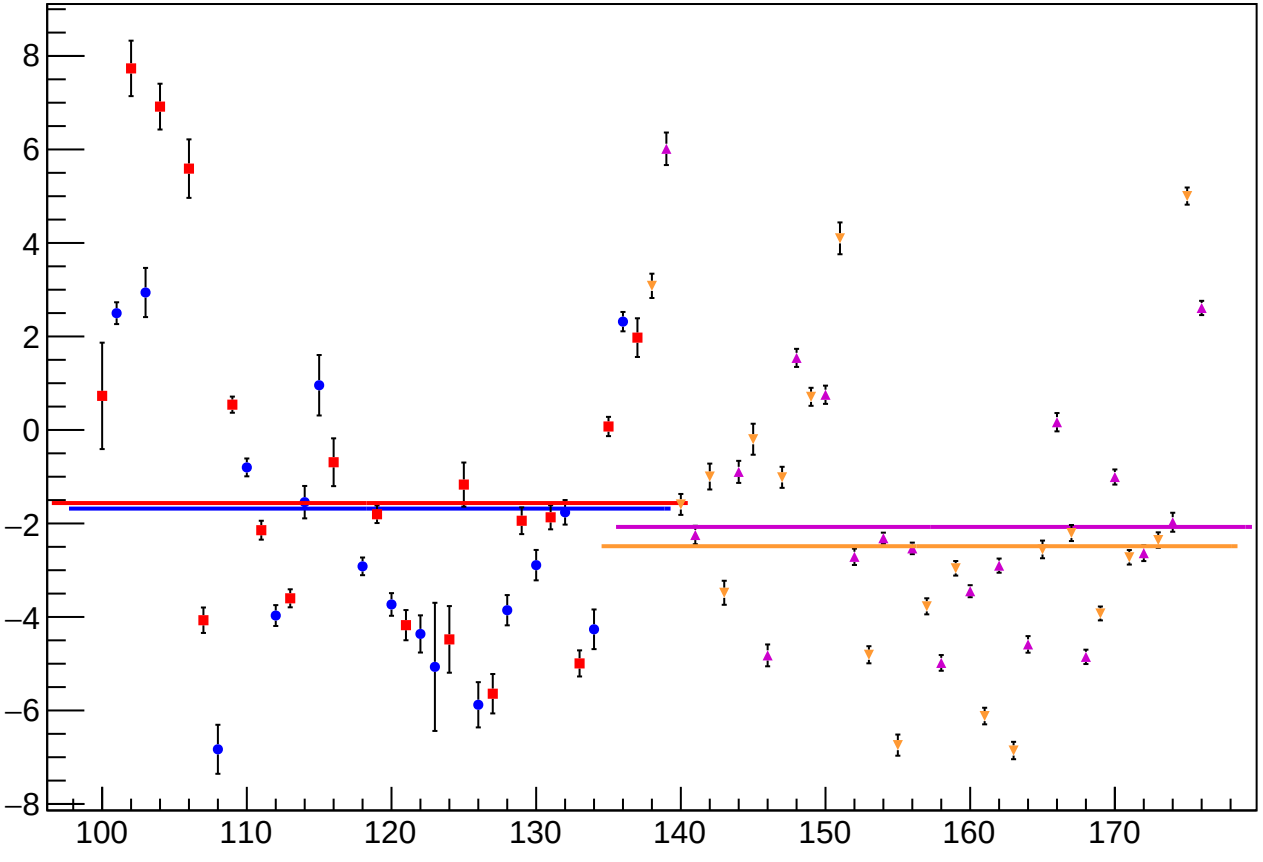
Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 15.208+/-0.041 χ^2/NDF:65103.3/35

Out: 17.169+/-0.045 χ^2/NDF:105667.9/38

All: 16.101+/-0.031 χ^2/NDF: 171795.9/74

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -2.487+/-0.044 χ^2/NDF:4576.0/19

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -2.074+/-0.039 χ^2/NDF:3395.4/18

Left: -2.255+/-0.029 χ^2/NDF: 8021.6/38

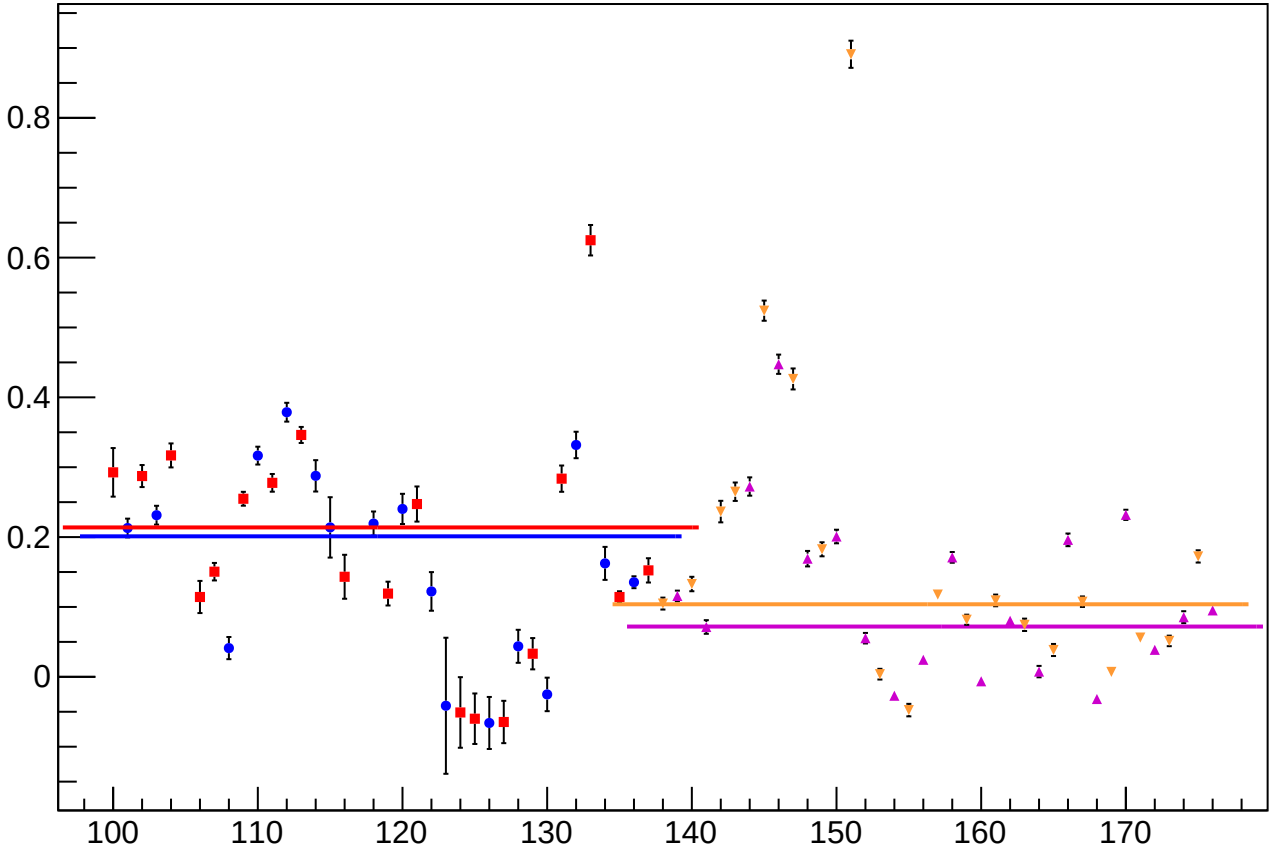
Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -1.983+/-0.034 χ^2/NDF:4767.1/35

Out: -2.204+/-0.036 χ^2/NDF:6218.0/38

All: -2.086+/-0.025 χ^2/NDF: 11005.0/74

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.004 χ^2/NDF: 691.3/16

Left Out: 0.104+/-0.002 χ^2/NDF:4143.3/19

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.072+/-0.002 χ^2/NDF:3178.2/18

Left: 0.085+/-0.001 χ^2/NDF: 7475.0/38

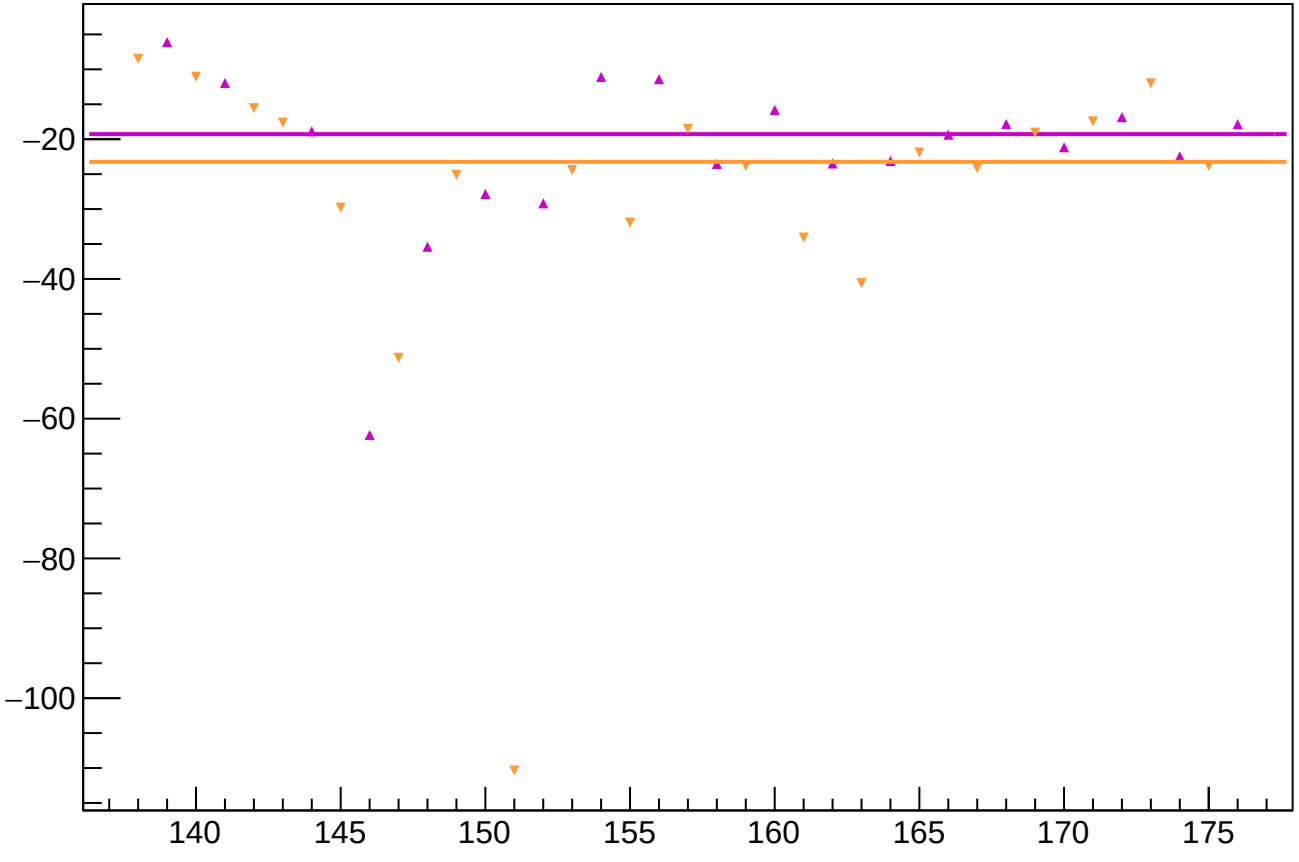
Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.090+/-0.002 χ^2/NDF:4710.7/35

Out: 0.128+/-0.002 χ^2/NDF:5922.2/38

All: 0.107+/-0.001 χ^2/NDF: 10900.8/74

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -23.235+/-0.052 χ^2/NDF:62267.4/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -19.271+/-0.047 χ^2/NDF:37308.2/18

Left: -21.026+/-0.035 χ^2/NDF: 102780.2/38

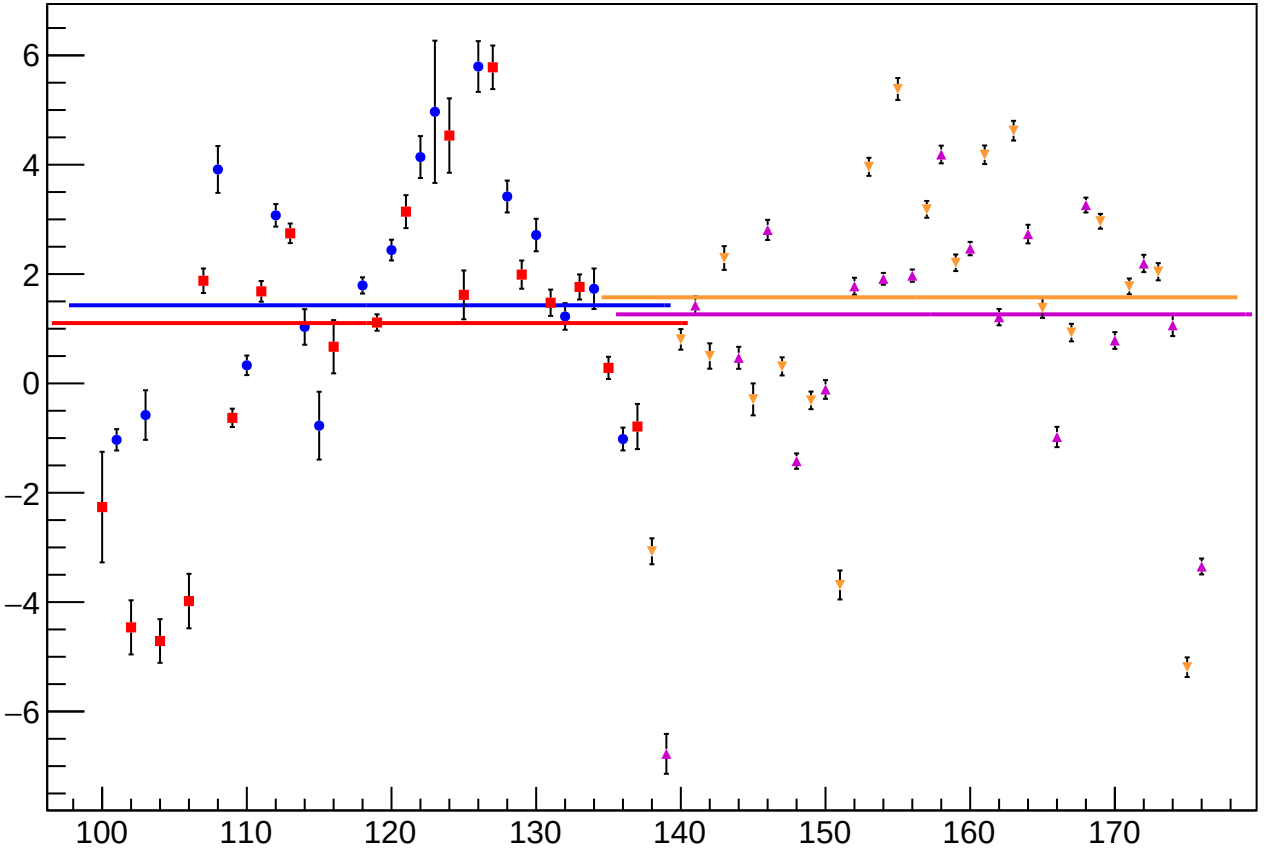
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.271+/-0.047 χ^2/NDF:37308.2/18

Out: -23.235+/-0.052 χ^2/NDF:62267.4/19

All: -21.026+/-0.035 χ^2/NDF: 102780.2/38

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429+/-0.062 χ^2/NDF: 711.4/16

Left Out: 1.575+/-0.039 χ^2/NDF:3835.6/19

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 1.263+/-0.035 χ^2/NDF:2991.6/18

Left: 1.401+/-0.026 χ^2/NDF: 6862.0/38

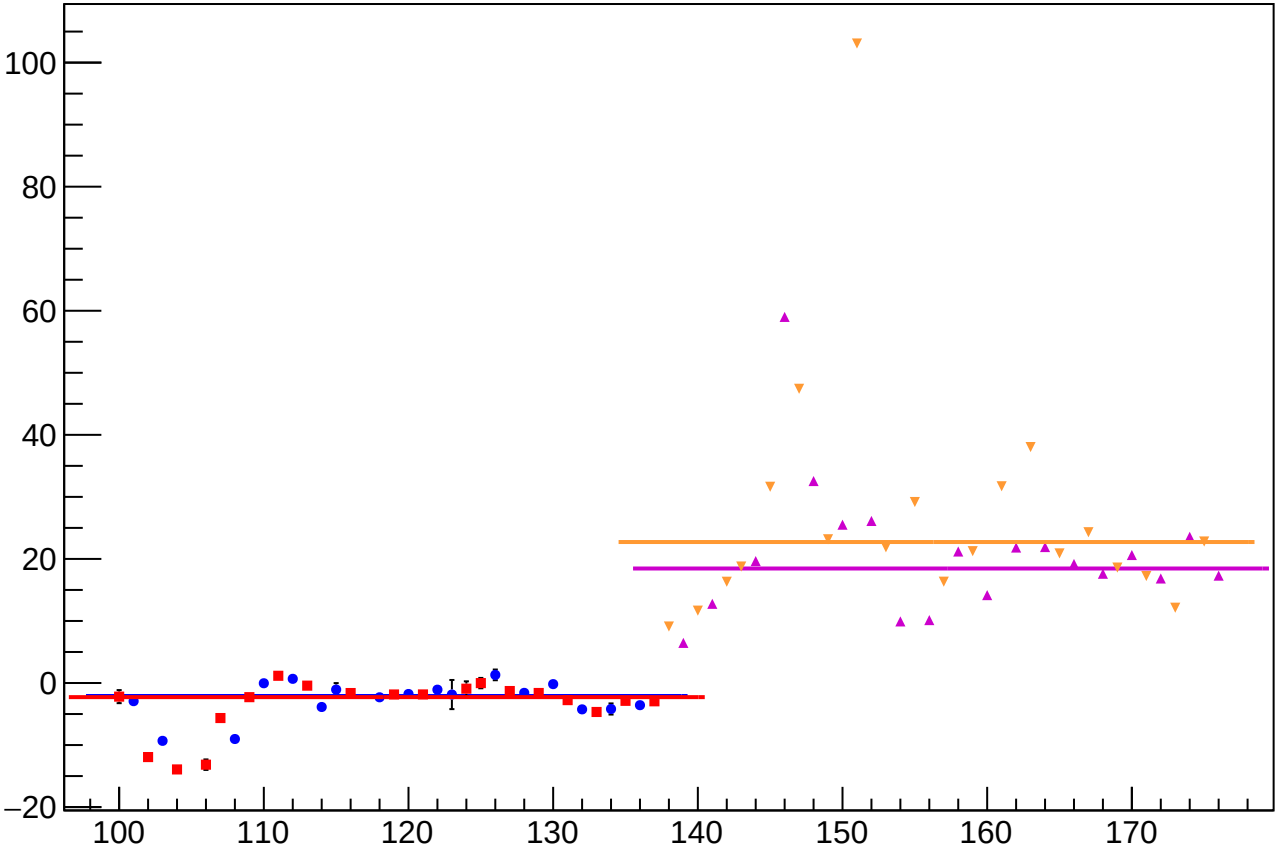
Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 1.303+/-0.031 χ^2/NDF:3708.5/35

Out: 1.430+/-0.033 χ^2/NDF:4815.8/38

All: 1.362+/-0.022 χ^2/NDF: 8532.3/74

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094+/-0.113 χ^2/NDF: 486.5/16

Left Out: 22.725+/-0.052 χ^2/NDF:55368.2/19

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 18.455+/-0.046 χ^2/NDF:35209.4/18

Left: 20.322+/-0.034 χ^2/NDF: 94398.0/38

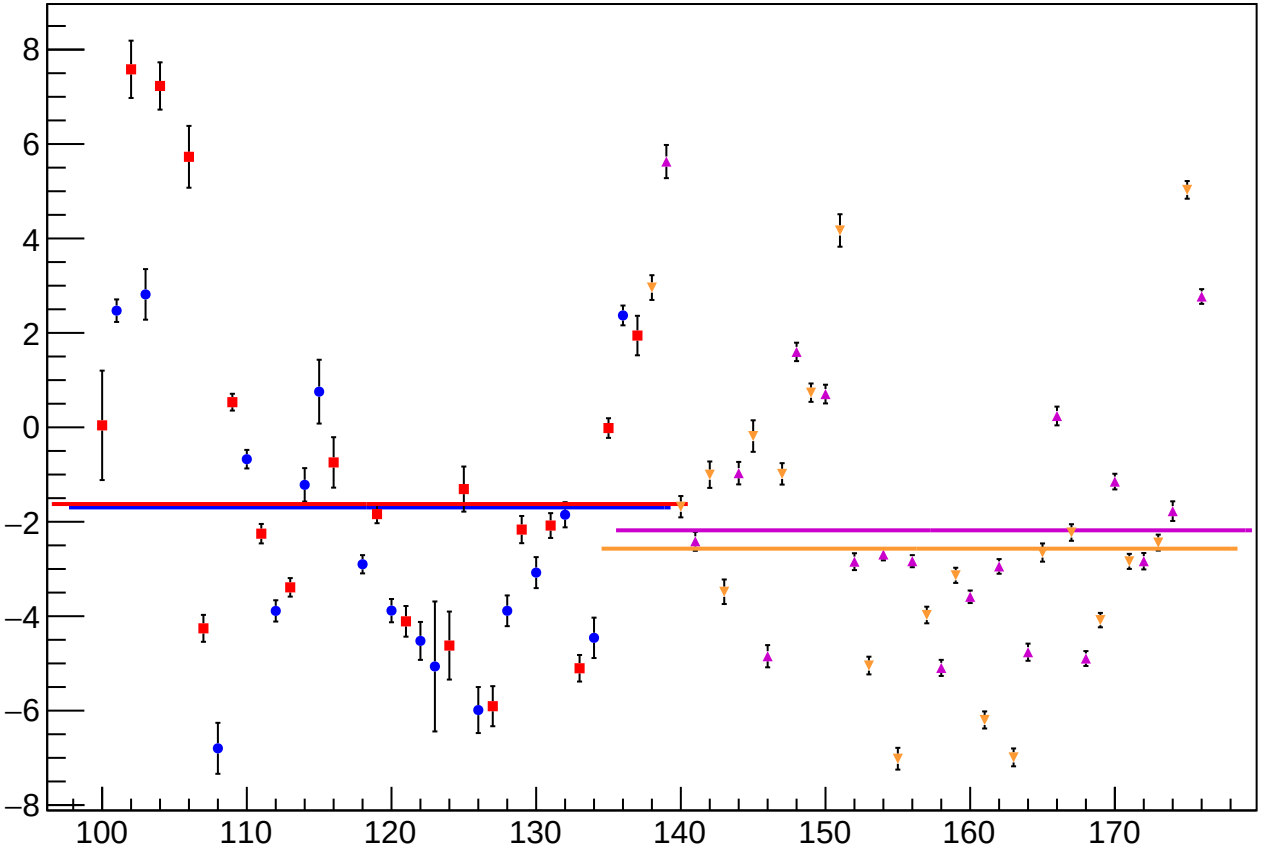
Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 15.552+/-0.042 χ^2/NDF:64301.7/35

Out: 17.515+/-0.046 χ^2/NDF:104791.4/38

All: 16.450+/-0.031 χ^2/NDF: 170076.8/74

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -2.570+/-0.044 χ^2/NDF:4599.0/19

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -2.181+/-0.040 χ^2/NDF:3431.5/18

Left: -2.353+/-0.030 χ^2/NDF: 8073.3/38

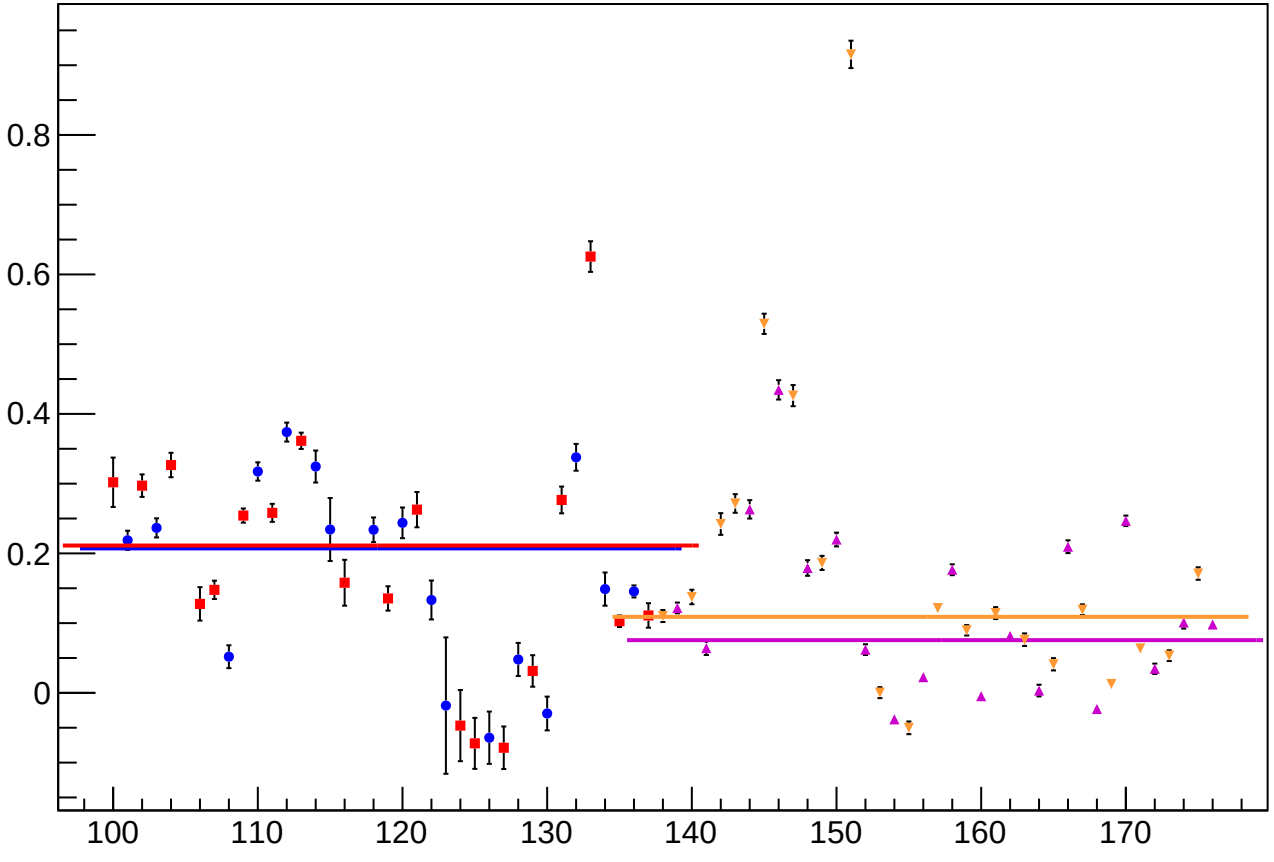
Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -2.067+/-0.035 χ^2/NDF:4800.0/35

Out: -2.281+/-0.037 χ^2/NDF:6204.7/38

All: -2.167+/-0.025 χ^2/NDF: 11022.5/74

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207+/-0.004 χ^2/NDF: 656.3/16

Left Out: 0.109+/-0.002 χ^2/NDF:4159.8/19

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.076+/-0.002 χ^2/NDF:3273.4/18

Left: 0.090+/-0.001 χ^2/NDF: 7594.6/38

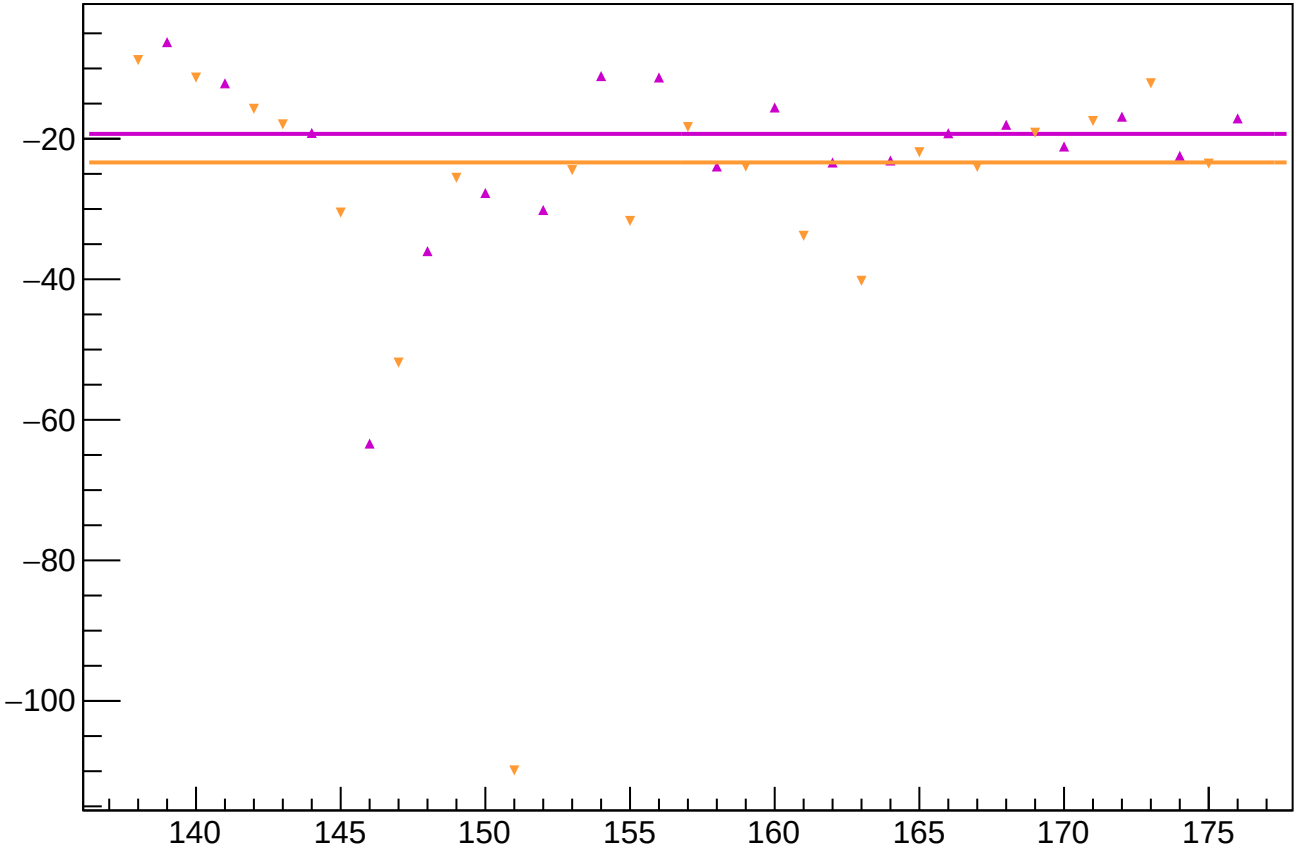
Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.094+/-0.002 χ^2/NDF:4771.0/35

Out: 0.132+/-0.002 χ^2/NDF:5882.7/38

All: 0.111+/-0.001 χ^2/NDF: 10899.8/74

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: -23.374+/-0.053 χ^2/NDF:61032.3/19

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: -19.309+/-0.047 χ^2/NDF:37671.7/18

Left: -21.107+/-0.035 χ^2/NDF: 102015.0/38

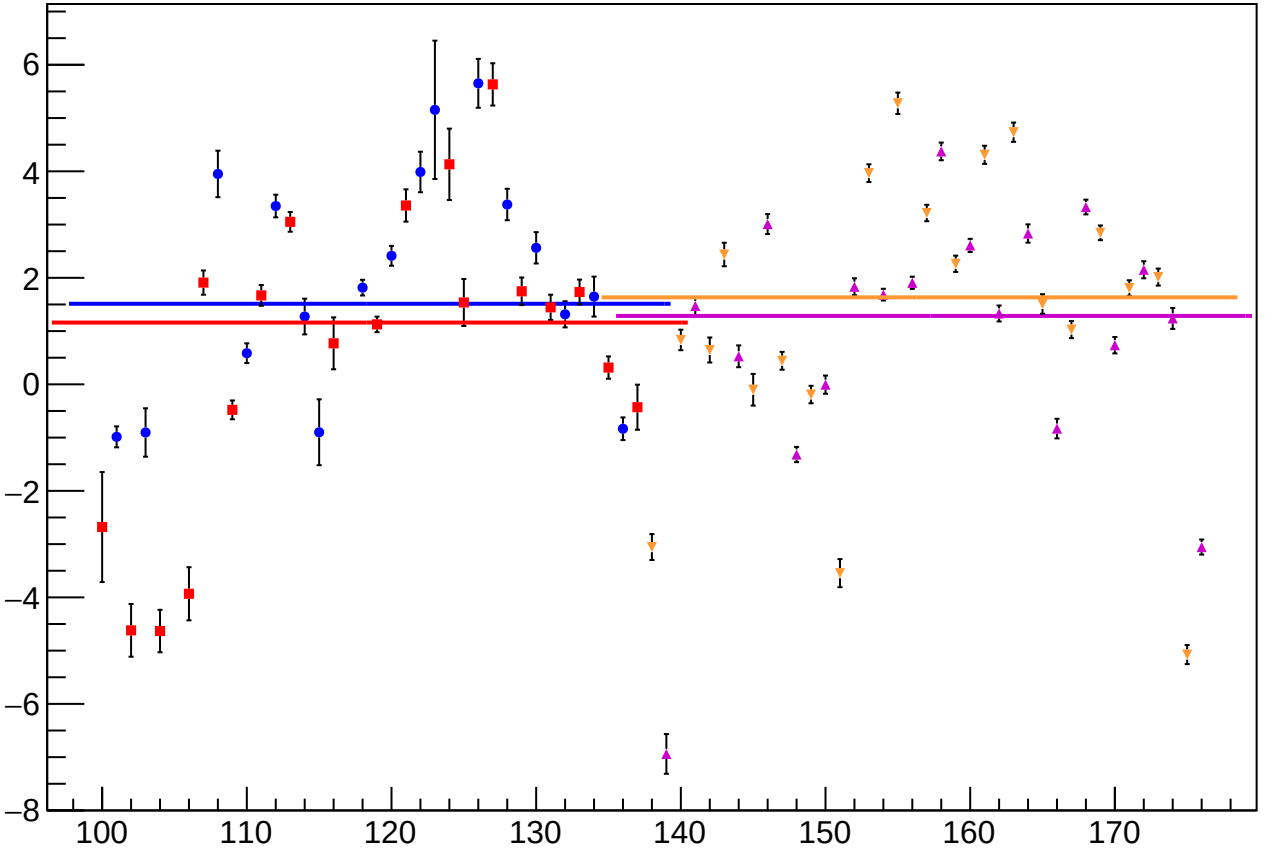
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.309+/-0.047 χ^2/NDF:37671.7/18

Out: -23.374+/-0.053 χ^2/NDF:61032.3/19

All: -21.107+/-0.035 χ^2/NDF: 102015.0/38

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513+/-0.063 χ^2/NDF: 669.7/16

Left Out: 1.633+/-0.040 χ^2/NDF:3701.5/19

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 1.285+/-0.035 χ^2/NDF:2904.0/18

Left: 1.439+/-0.026 χ^2/NDF: 6648.1/38

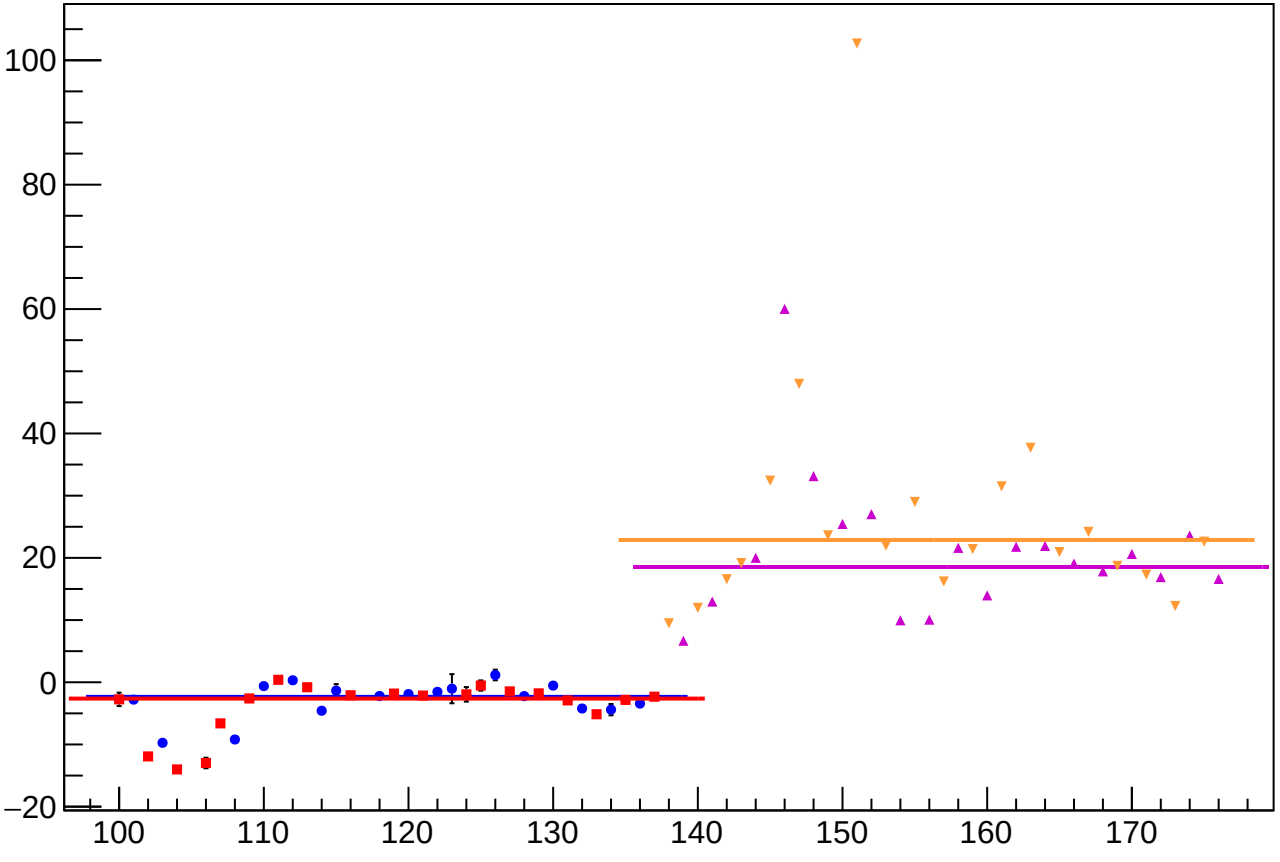
Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 1.340+/-0.031 χ^2/NDF:3583.7/35

Out: 1.489+/-0.033 χ^2/NDF:4661.6/38

All: 1.409+/-0.023 χ^2/NDF: 8256.0/74

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350+/-0.114 χ^2/NDF: 439.7/16

Left Out: 22.880+/-0.052 χ^2/NDF:54382.8/19

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 18.532+/-0.046 χ^2/NDF:35571.3/18

Left: 20.433+/-0.035 χ^2/NDF: 93847.1/38

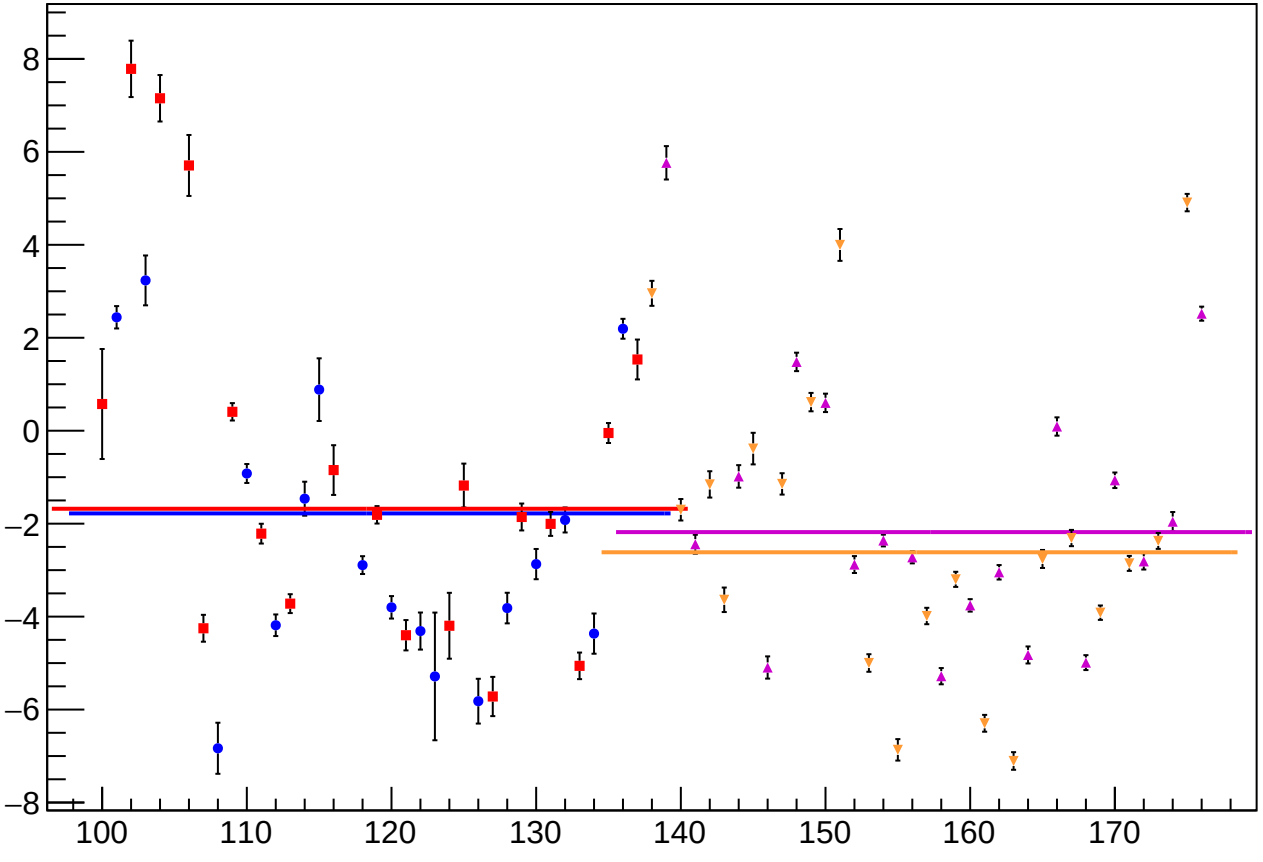
Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 15.614+/-0.043 χ^2/NDF:64723.6/35

Out: 17.674+/-0.047 χ^2/NDF:103800.5/38

All: 16.554+/-0.032 χ^2/NDF: 169585.6/74

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -2.616+/-0.045 χ^2/NDF:4448.4/19

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -2.182+/-0.040 χ^2/NDF:3387.6/18

Left: -2.374+/-0.030 χ^2/NDF: 7888.3/38

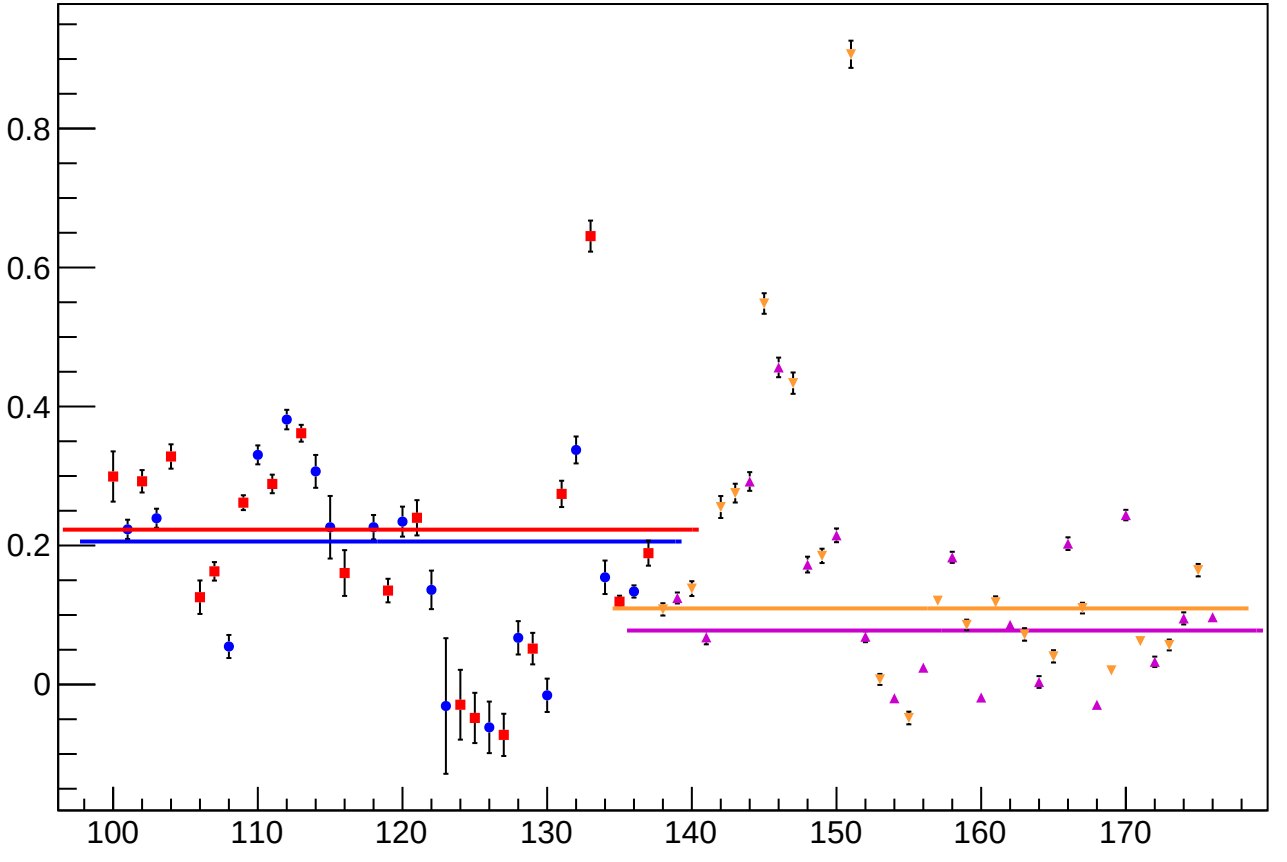
Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -2.087+/-0.035 χ^2/NDF:4683.5/35

Out: -2.332+/-0.037 χ^2/NDF:6010.1/38

All: -2.201+/-0.026 χ^2/NDF: 10716.4/74

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.206+/-0.004 χ^2/NDF: 651.8/16

Left Out: 0.109+/-0.002 χ^2/NDF:4127.8/19

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.078+/-0.002 χ^2/NDF:3241.1/18

Left: 0.091+/-0.001 χ^2/NDF: 7512.4/38

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.096+/-0.002 χ^2/NDF:4670.3/35

Out: 0.134+/-0.002 χ^2/NDF:5854.6/38

All: 0.113+/-0.001 χ^2/NDF: 10778.9/74