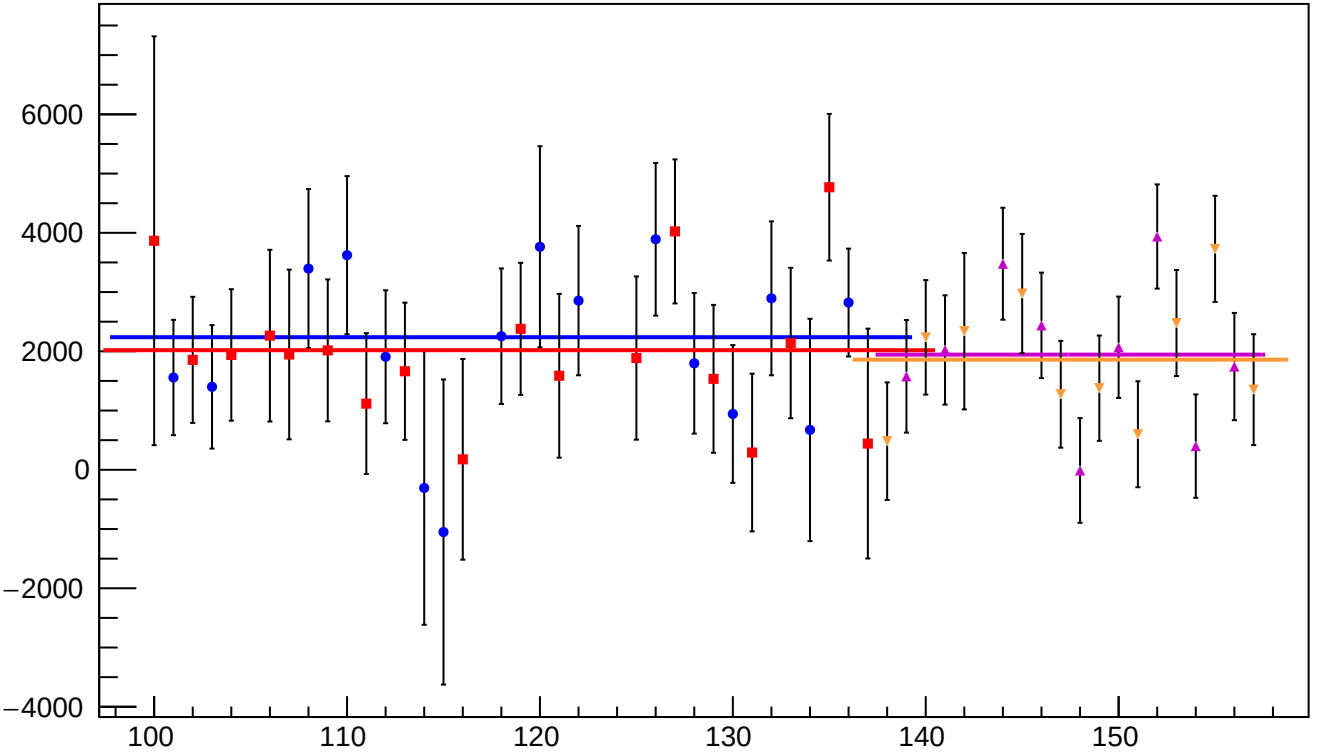
dit_asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1859.051+/-301.162 χ^2/NDF:11.3/9

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

Left In: 1944.229+/-299.647 χ^2/NDF:16.3/8

Left: 1901.855+/-212.416 χ^2/NDF: 27.6/18

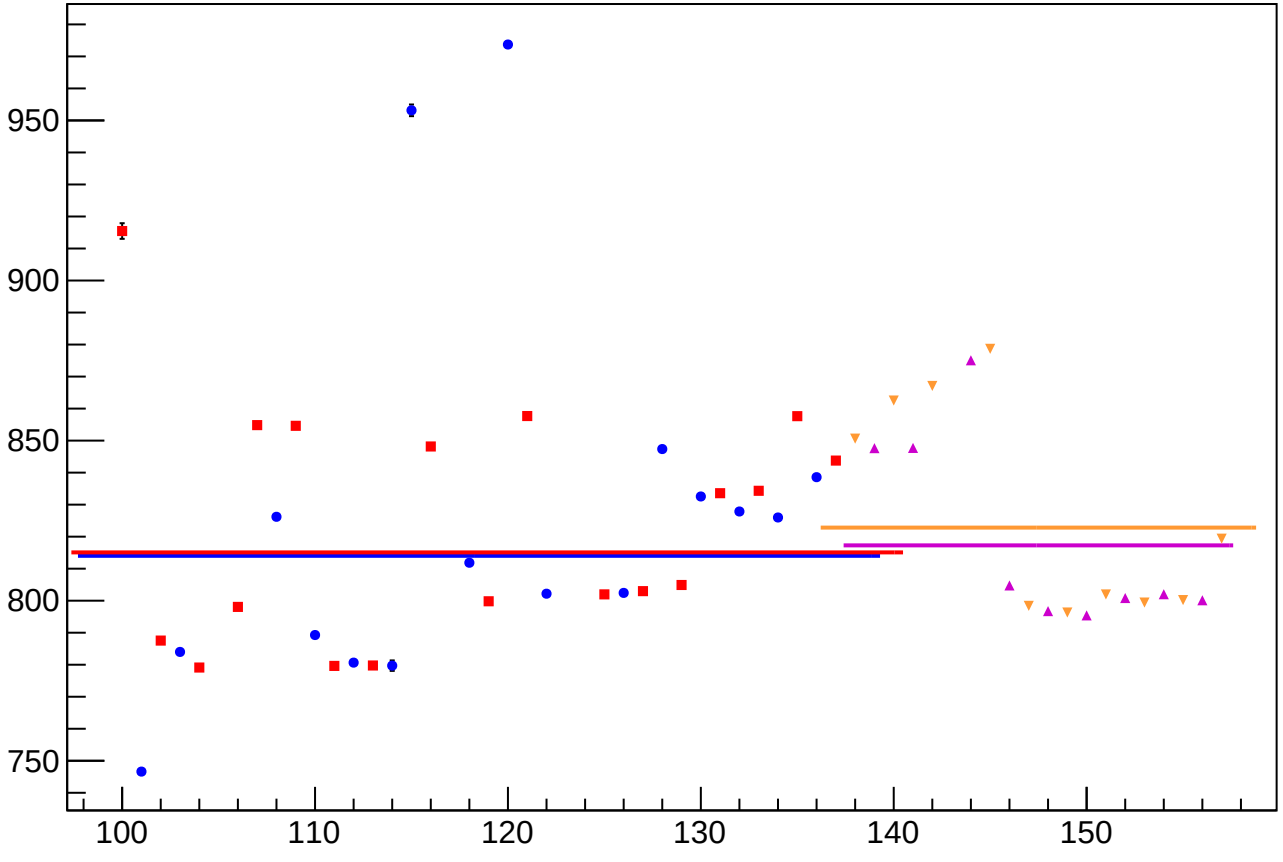
Right: 2126.067+/-220.232 χ^2/NDF: 24.1/33

In: 2083.914+/-216.990 χ^2/NDF:28.1/24

Out: 1936.953+/-215.454 χ^2/NDF:24.0/27

All: 2009.912+/-152.889 χ^2/NDF: 52.3/52

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 822.828+/-0.213 χ^2/NDF:20342.1/9

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

Left In: 817.279+/-0.212 χ^2/NDF:16520.5/8

Left: 820.040+/-0.150 χ^2/NDF: 37203.7/18

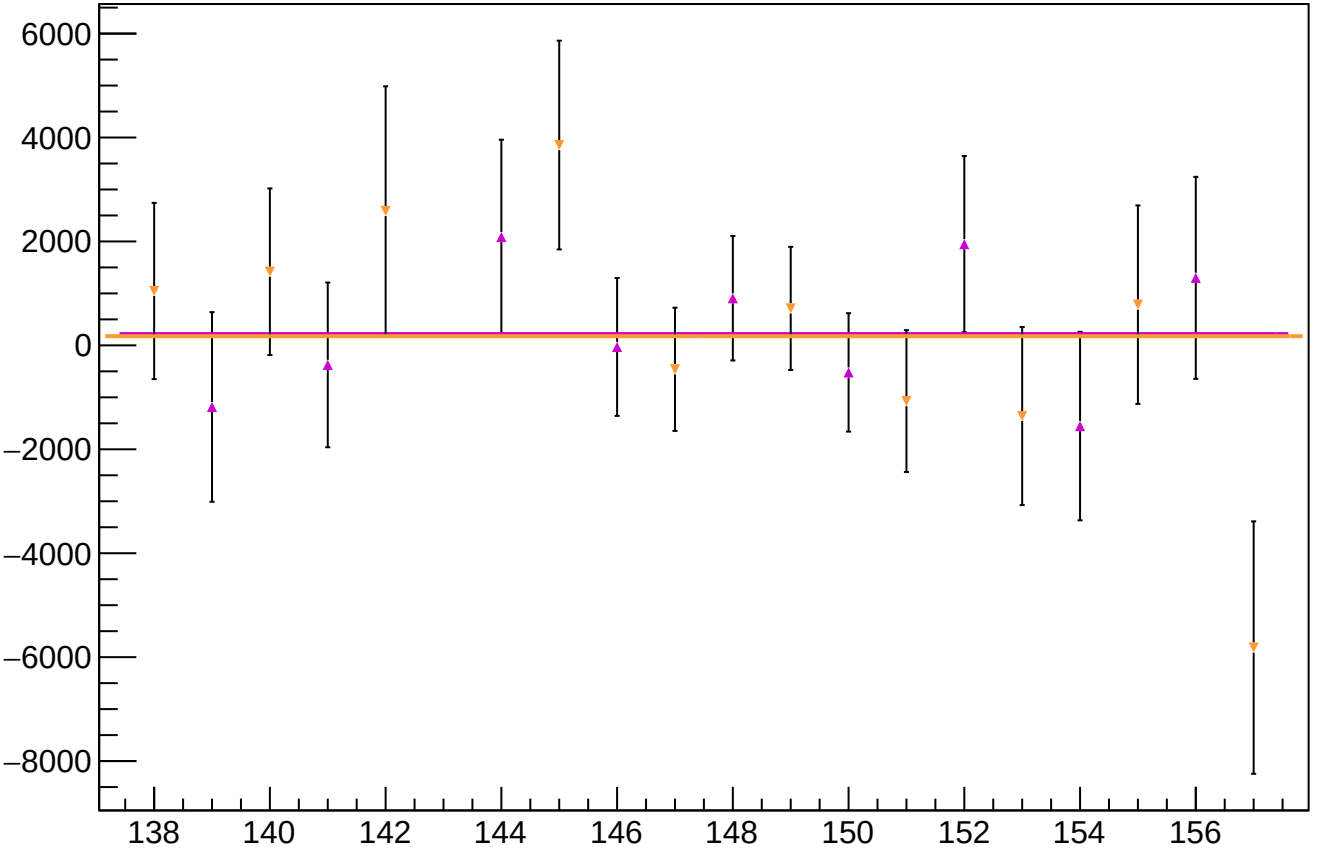
Right: 814.563+/-0.156 χ^2/NDF: 62012.6/33

In: 815.730+/-0.153 χ^2/NDF:58674.6/24

Out: 819.048+/-0.152 χ^2/NDF:40946.9/27

All: 817.400+/-0.108 χ^2/NDF: 99856.9/52

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 176.524+/-506.157 χ^2/NDF:13.5/9

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

Left In: 216.766+/-504.019 χ^2/NDF:4.8/8

Left: 196.730+/-357.149 χ^2/NDF: 18.4/18

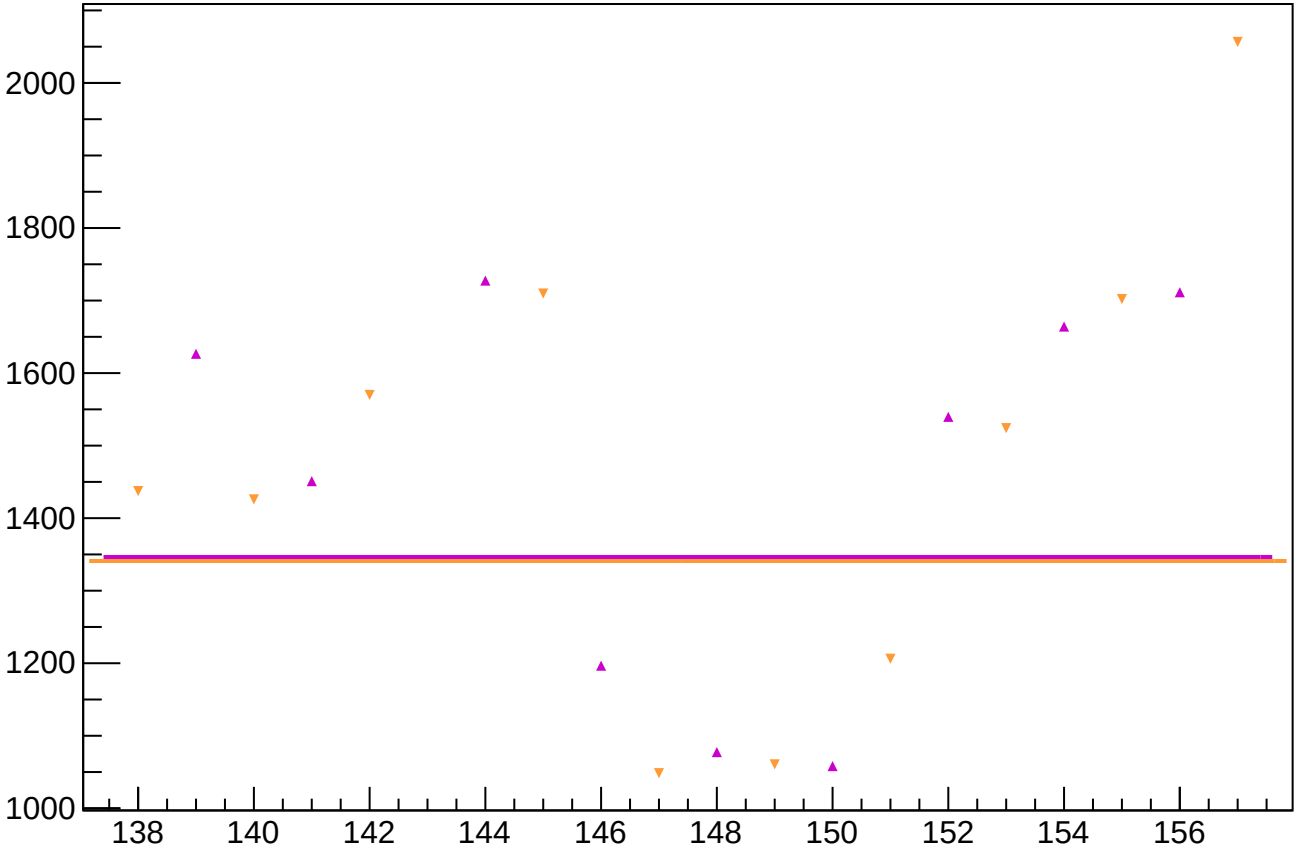
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 216.766+/-504.019 χ^2/NDF:4.8/8

Out: 176.524+/-506.157 χ^2/NDF:13.5/9

All: 196.730+/-357.149 χ^2/NDF: 18.4/18

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1340.956+/-0.358 χ^2/NDF:618928.5/9

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

Left In: 1346.475+/-0.356 χ^2/NDF:551071.3/8

Left: 1343.727+/-0.253 χ^2/NDF: 1170119.2/18

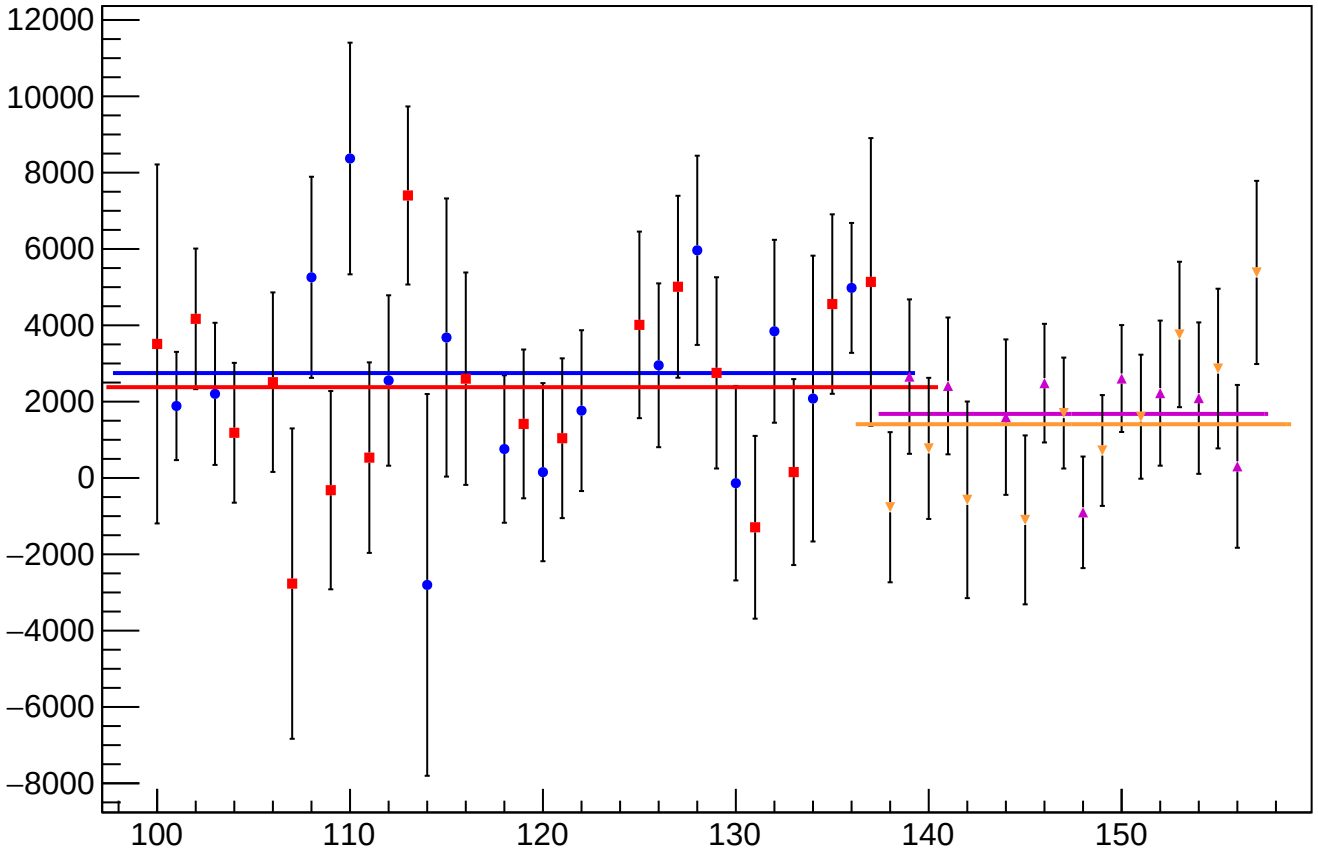
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1346.475+/-0.356 χ^2/NDF:551071.3/8

Out: 1340.956+/-0.358 χ^2/NDF:618928.5/9

All: 1343.727+/-0.253 χ^2/NDF: 1170119.2/18

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1408.586+/-586.203 χ^2/NDF:8.2/9

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

Left In: 1678.660+/-583.321 χ^2/NDF:4.8/8

Left: 1544.288+/-413.485 χ^2/NDF: 13.1/18

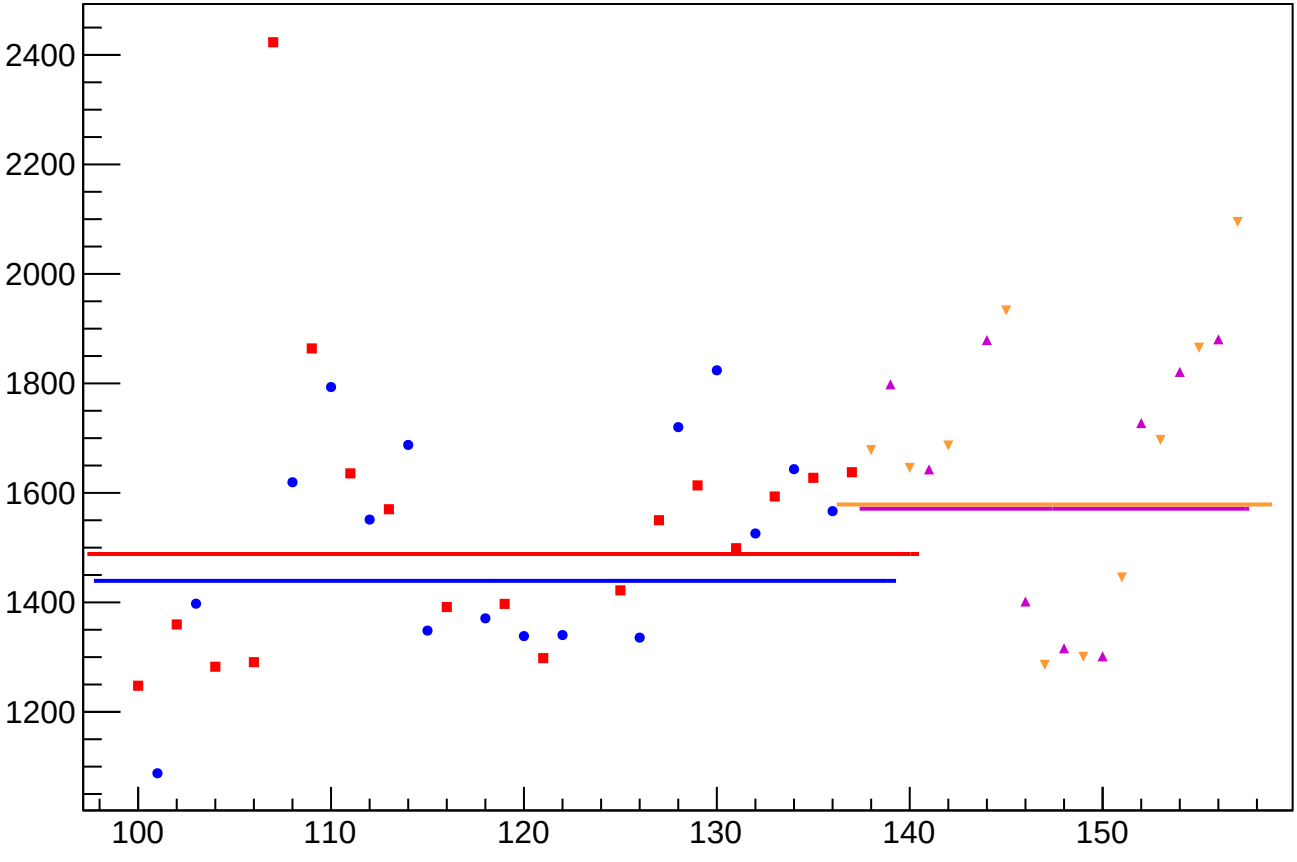
Right: 2566.079+/-400.174 χ^2/NDF: 30.0/33

In: 2232.736+/-405.074 χ^2/NDF:20.1/24

Out: 1908.501+/-408.278 χ^2/NDF:25.9/27

All: 2071.896+/-287.556 χ^2/NDF: 46.3/52

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1578.854+/-0.415 χ^2/NDF:368272.5/9

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

Left In: 1571.139+/-0.412 χ^2/NDF:320292.5/8

Left: 1574.978+/-0.292 χ^2/NDF: 688739.1/18

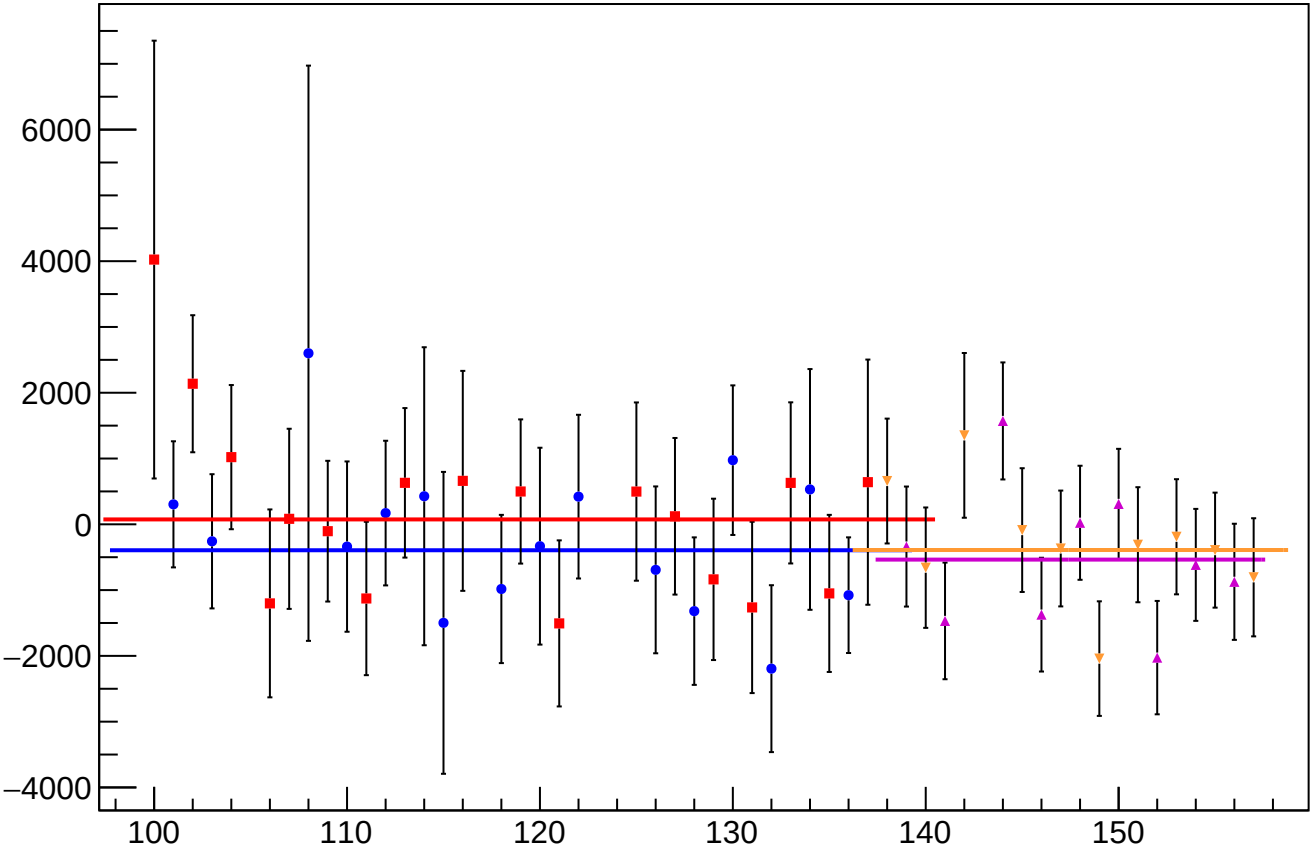
Right: 1463.597+/-0.283 χ^2/NDF: 541697.1/33

In: 1502.893+/-0.286 χ^2/NDF:651025.6/24

Out: 1532.269+/-0.289 χ^2/NDF:649126.6/27

All: 1517.465+/-0.203 χ^2/NDF: 1305370.1/52

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -390.555+/-290.577 χ^2/NDF:7.2/9

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

Left In: -536.565+/-290.581 χ^2/NDF:12.3/8

Left: -463.559+/-205.471 χ^2/NDF: 19.6/18

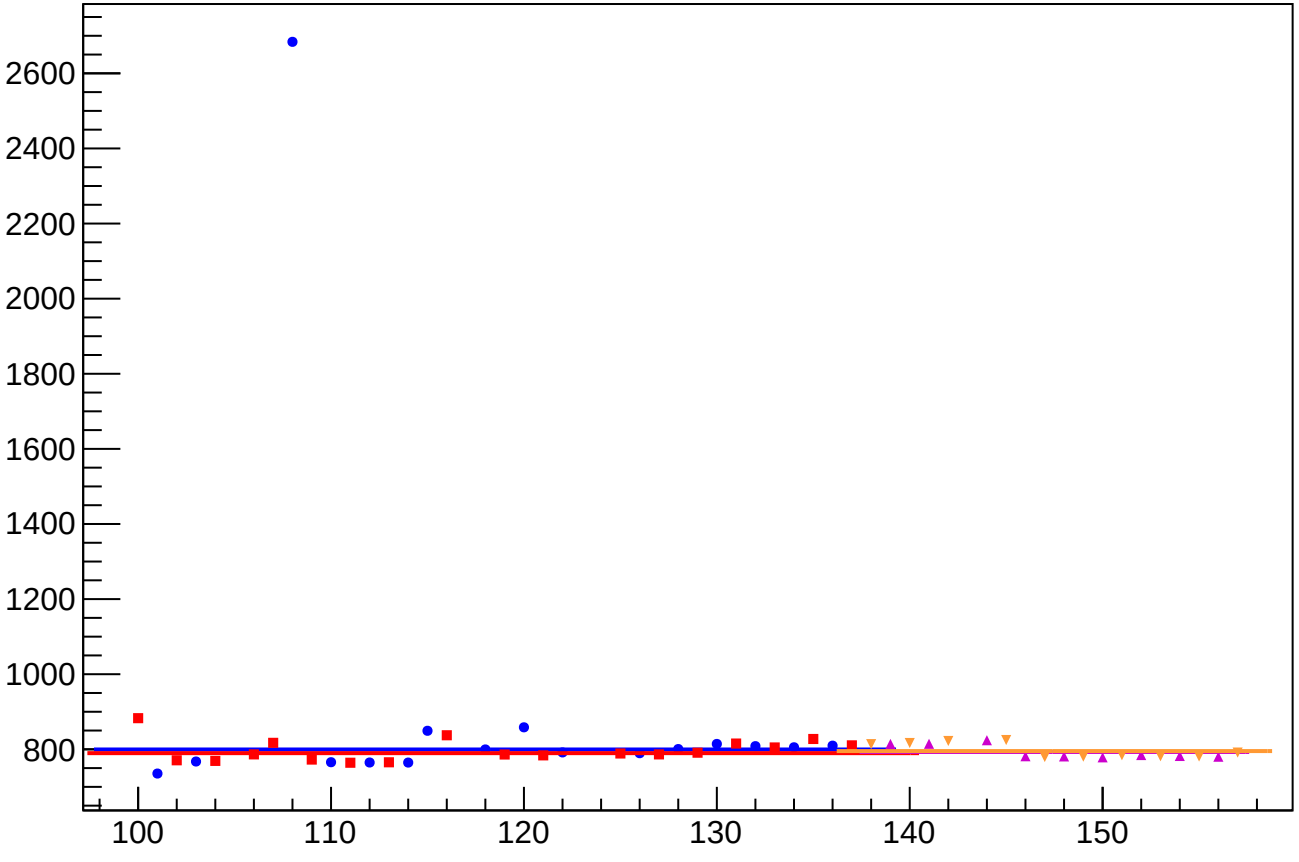
Right: -148.721+/-216.034 χ^2/NDF: 21.5/33

In: -470.778+/-213.012 χ^2/NDF:19.8/24

Out: -164.304+/-208.179 χ^2/NDF:21.4/27

All: -314.025+/-148.884 χ^2/NDF: 42.3/52

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 795.310+/-0.205 χ^2/NDF:7387.0/9

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

Left In: 792.918+/-0.205 χ^2/NDF:6993.0/8

Left: 794.114+/-0.145 χ^2/NDF: 14447.8/18

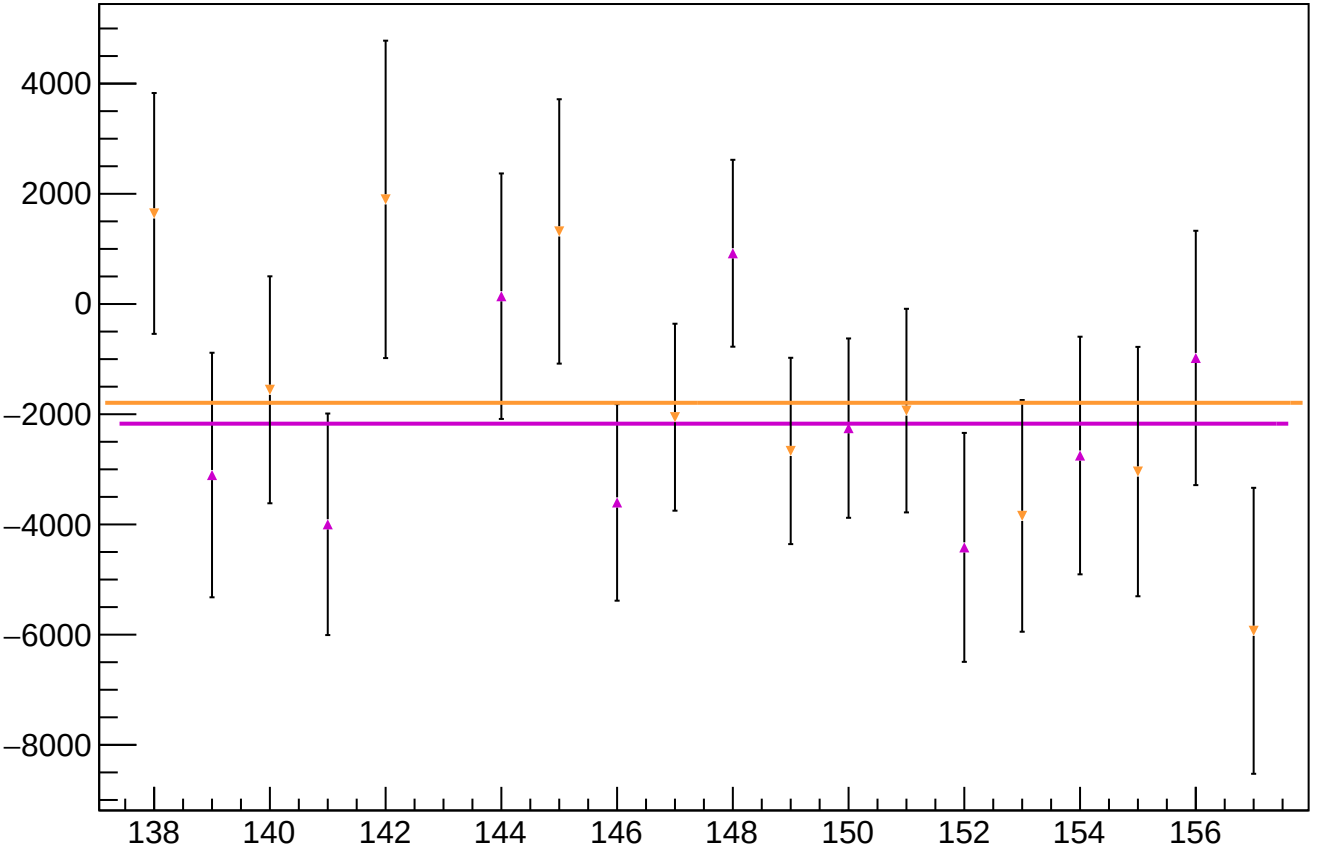
Right: 794.430+/-0.153 χ^2/NDF: 403375.5/33

In: 795.980+/-0.151 χ^2/NDF:398659.0/24

Out: 792.625+/-0.147 χ^2/NDF:18912.7/27

All: 794.264+/-0.105 χ^2/NDF: 417825.5/52

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1792.566+/-659.372 χ^2/NDF:9.9/9

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

Left In: -2171.375+/-655.596 χ^2/NDF:7.6/8

Left: -1983.058+/-464.905 χ^2/NDF: 17.6/18

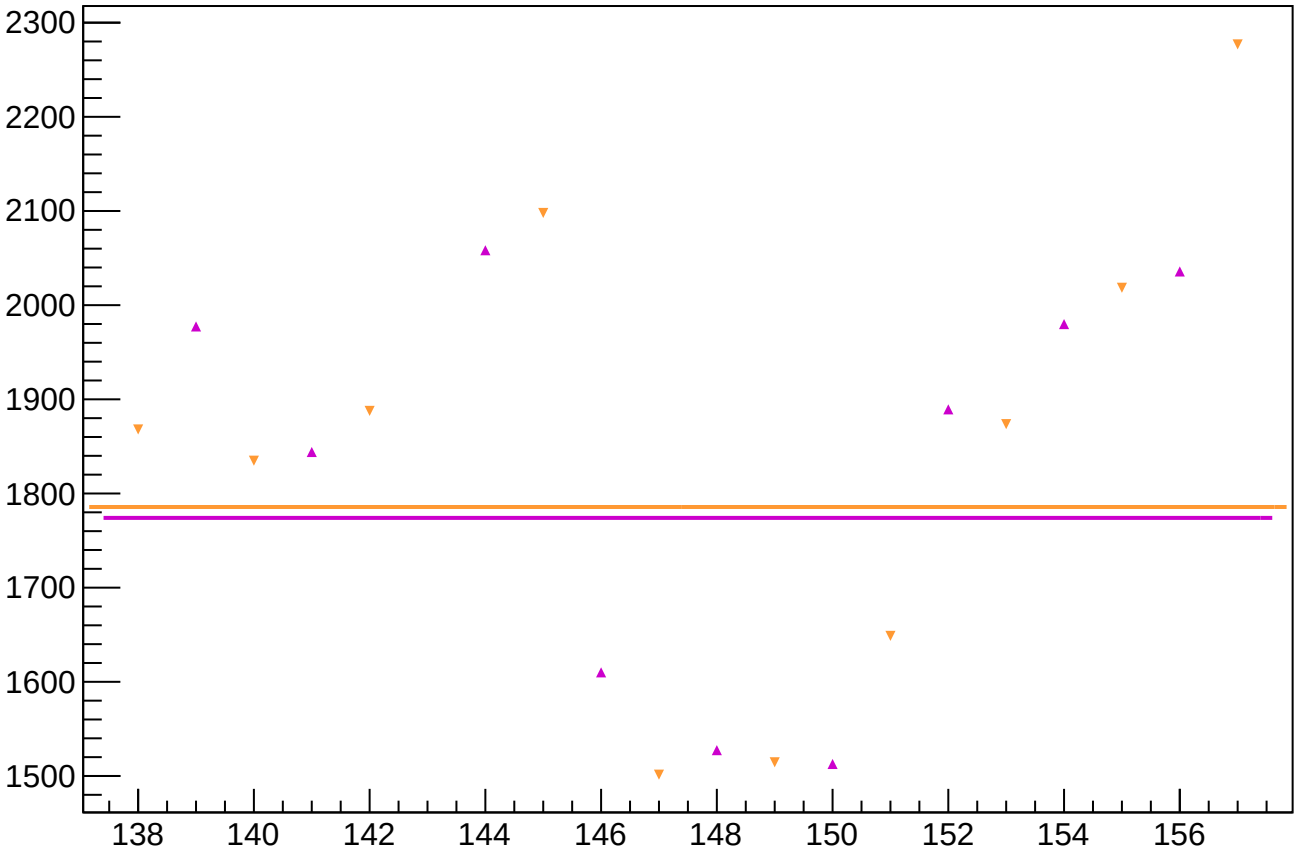
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2171.375+/-655.596 χ^2/NDF:7.6/8

Out: -1792.566+/-659.372 χ^2/NDF:9.9/9

All: -1983.058+/-464.905 χ^2/NDF: 17.6/18

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1785.653+/-0.466 χ^2/NDF:255327.6/9

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

Left In: 1774.084+/-0.464 χ^2/NDF:212695.9/8

Left: 1779.835+/-0.329 χ^2/NDF: 468333.1/18

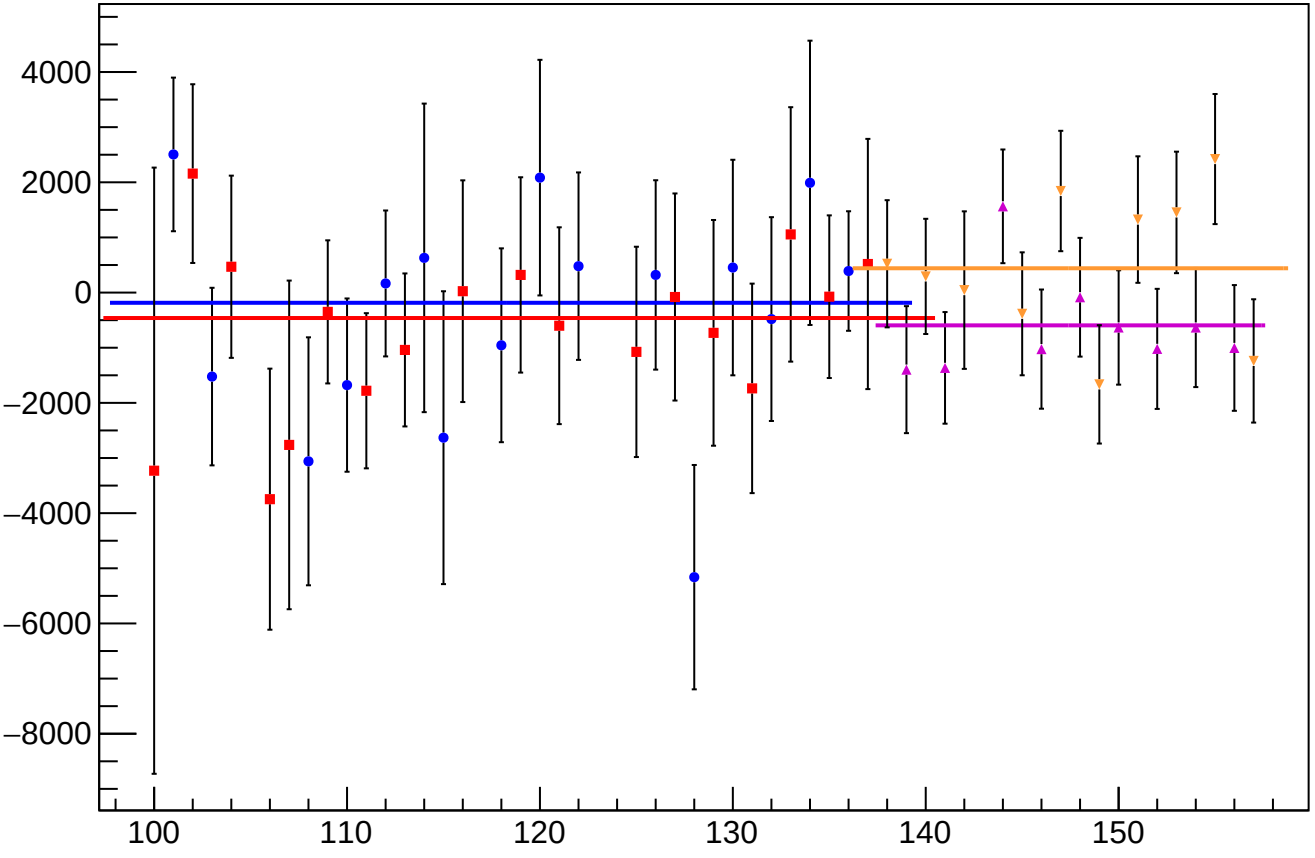
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1774.084+/-0.464 χ^2/NDF:212695.9/8

Out: 1785.653+/-0.466 χ^2/NDF:255327.6/9

All: 1779.835+/-0.329 χ^2/NDF: 468333.1/18

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 441.016+/-358.676 χ^2/NDF:12.7/9

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

Left In: -594.454+/-358.287 χ^2/NDF:6.1/8

Left: -77.281+/-253.485 χ^2/NDF: 23.0/18

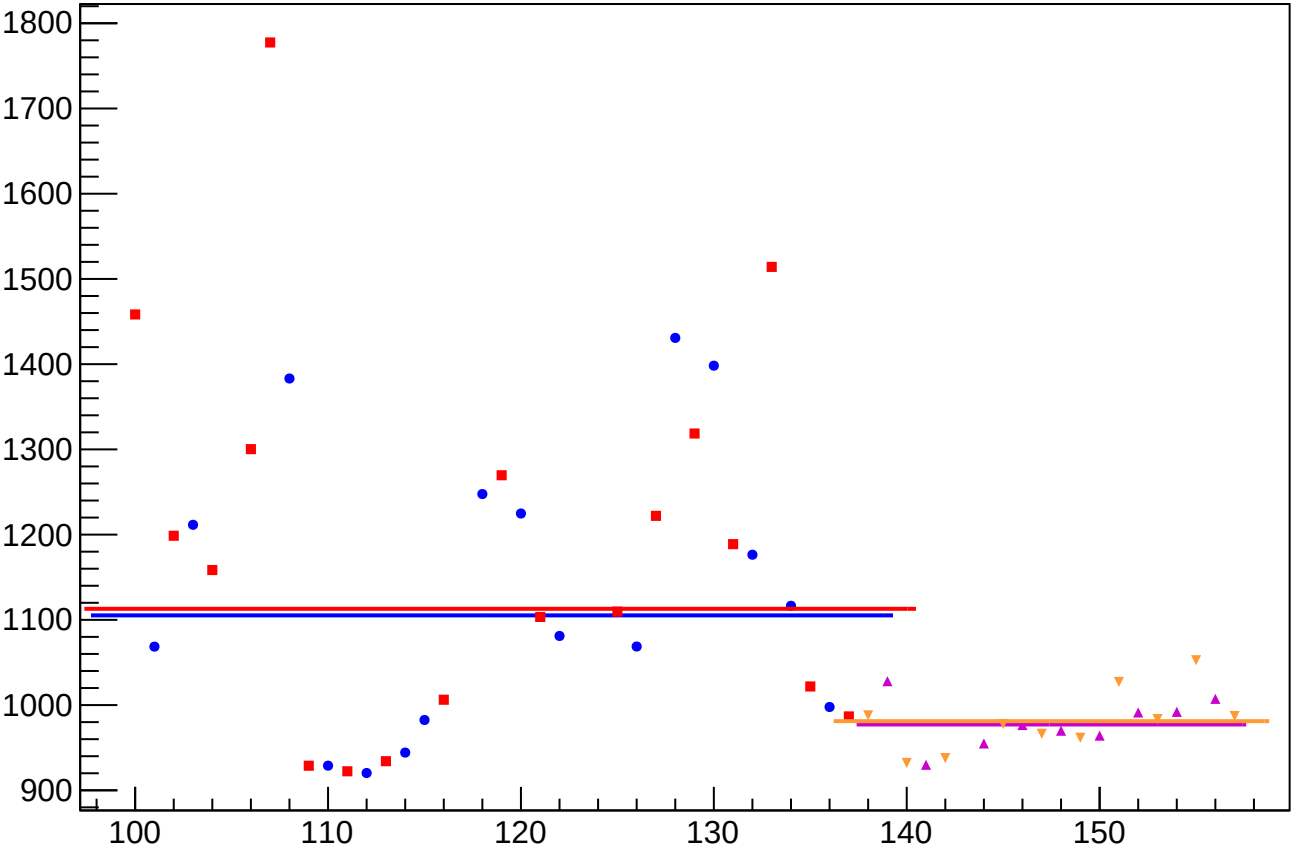
Right: -324.625+/-303.483 χ^2/NDF: 25.2/33

In: -427.379+/-275.649 χ^2/NDF:23.3/24

Out: 67.674+/-274.620 χ^2/NDF:23.6/27

All: -178.927+/-194.549 χ^2/NDF: 48.5/52

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 981.138+/-0.254 χ^2/NDF:18005.1/9

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

Left In: 977.226+/-0.253 χ^2/NDF:11704.4/8

Left: 979.180+/-0.179 χ^2/NDF: 29828.5/18

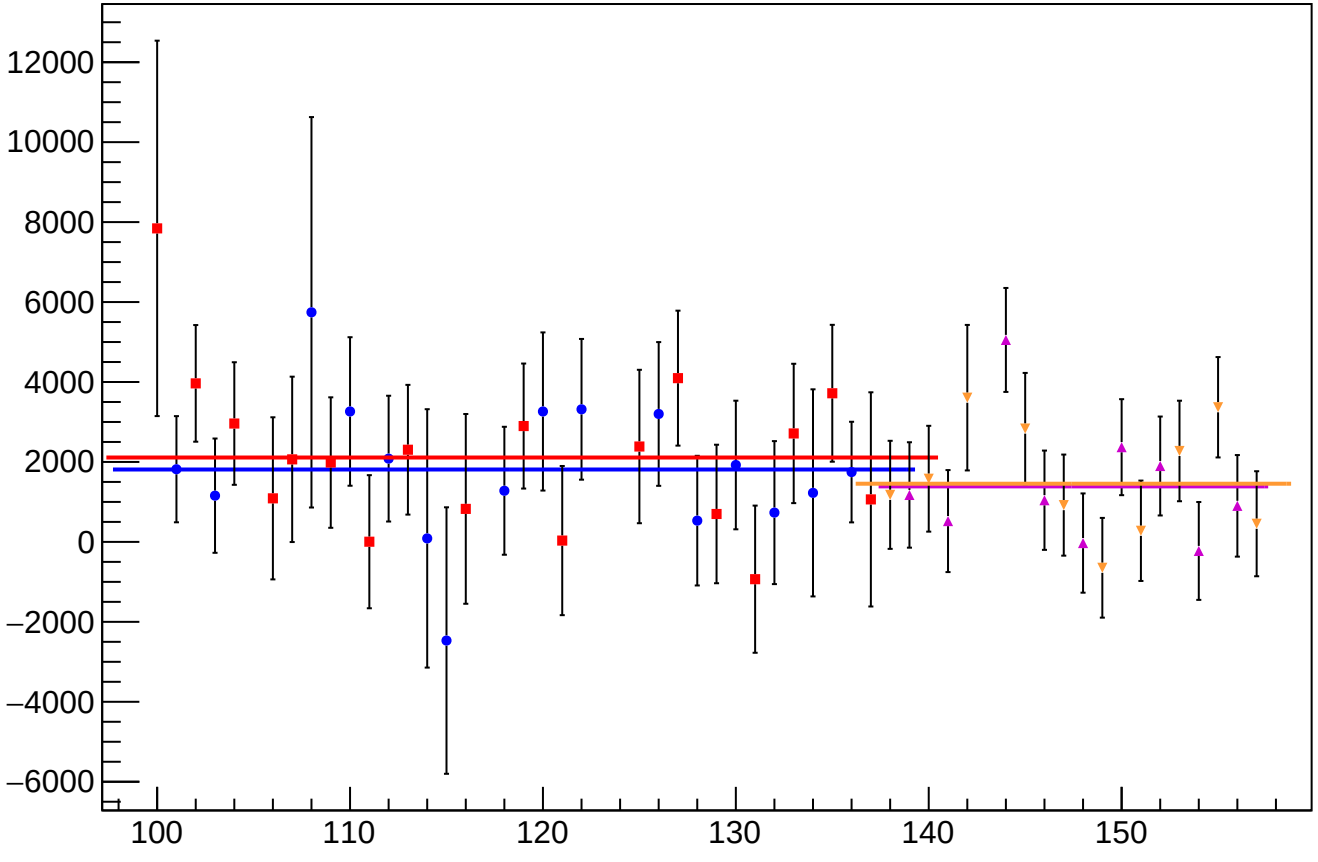
Right: 1109.146+/-0.215 χ^2/NDF: 618686.6/33

In: 1029.466+/-0.195 χ^2/NDF:371257.6/24

Out: 1035.689+/-0.194 χ^2/NDF:492805.3/27

All: 1032.590+/-0.138 χ^2/NDF: 864574.5/52

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1455.330+/-419.428 χ^2/NDF:9.7/9

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

Left In: 1388.603+/-418.437 χ^2/NDF:12.5/8

Left: 1421.888+/-296.229 χ^2/NDF: 22.2/18

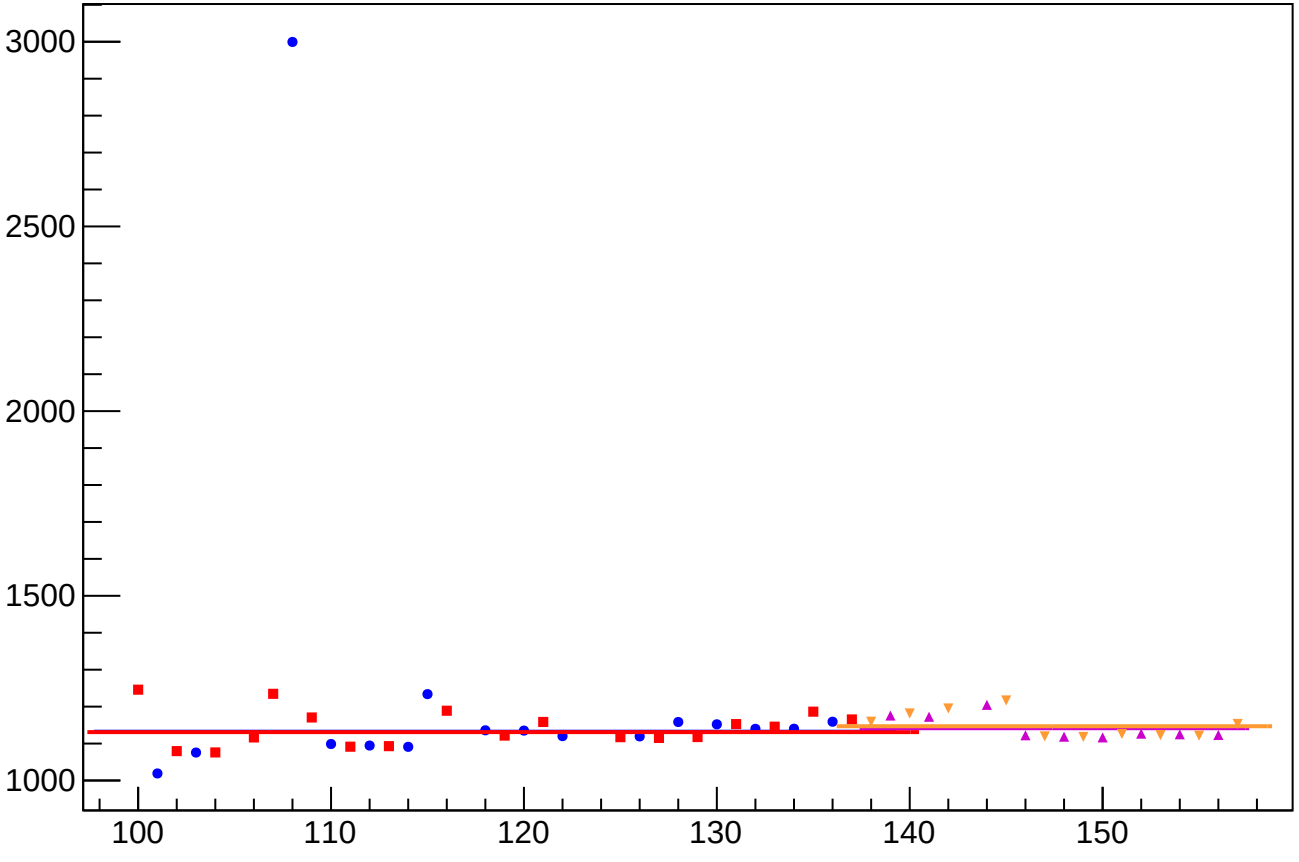
Right: 1966.016+/-307.400 χ^2/NDF: 19.7/33

In: 1588.201+/-303.914 χ^2/NDF:19.5/24

Out: 1776.783+/-299.454 χ^2/NDF:23.9/27

All: 1683.886+/-213.305 χ^2/NDF: 43.5/52

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1146.914+/-0.297 χ^2/NDF:12134.0/9

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

Left In: 1141.544+/-0.296 χ^2/NDF:10345.0/8

Left: 1144.223+/-0.209 χ^2/NDF: 22643.4/18

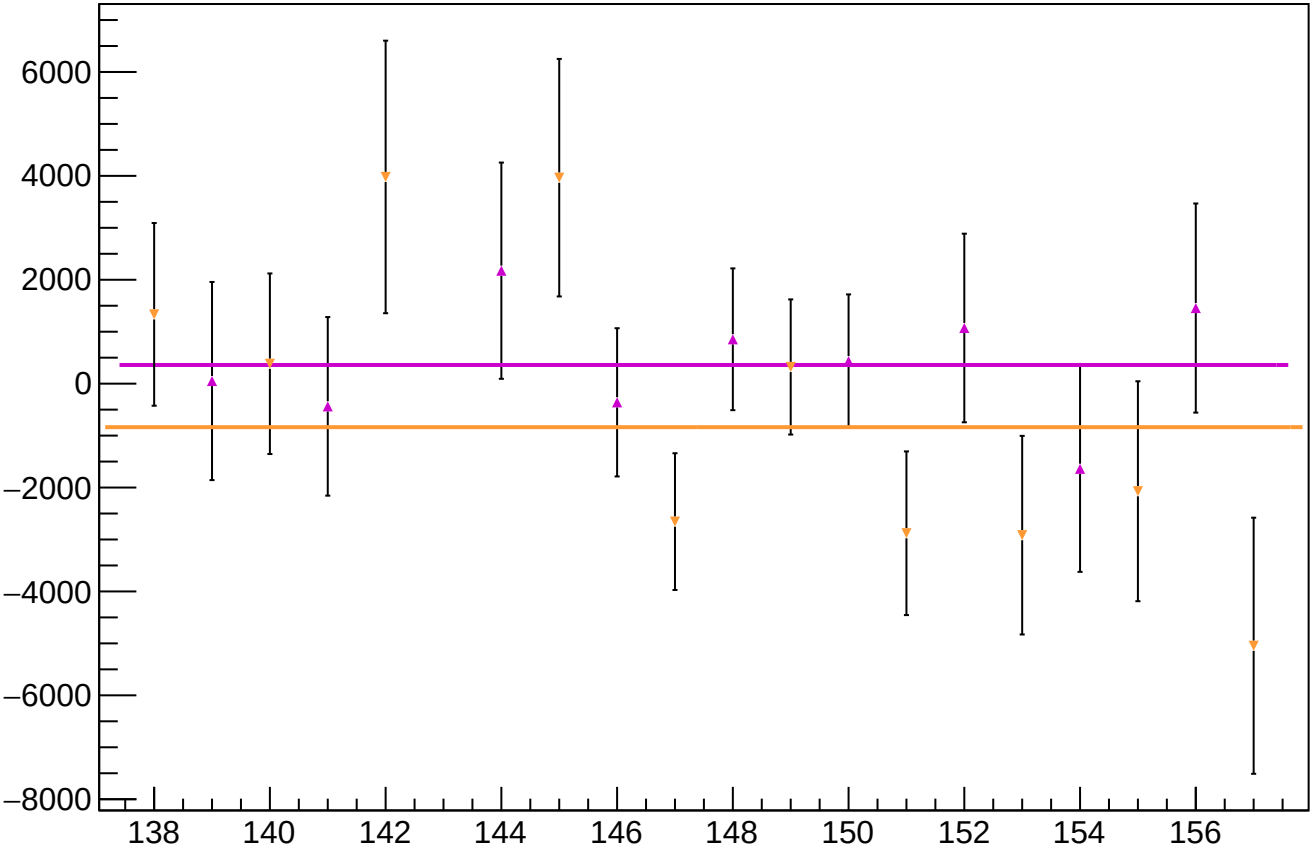
Right: 1131.528+/-0.217 χ^2/NDF: 335751.3/33

In: 1137.070+/-0.215 χ^2/NDF:326855.2/24

Out: 1139.120+/-0.212 χ^2/NDF:33261.9/27

All: 1138.110+/-0.151 χ^2/NDF: 360163.3/52

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -837.605+/-556.993 χ^2/NDF:18.6/9

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

Left In: 359.628+/-551.970 χ^2/NDF:2.9/8

Left: -233.565+/-392.065 χ^2/NDF: 23.8/18

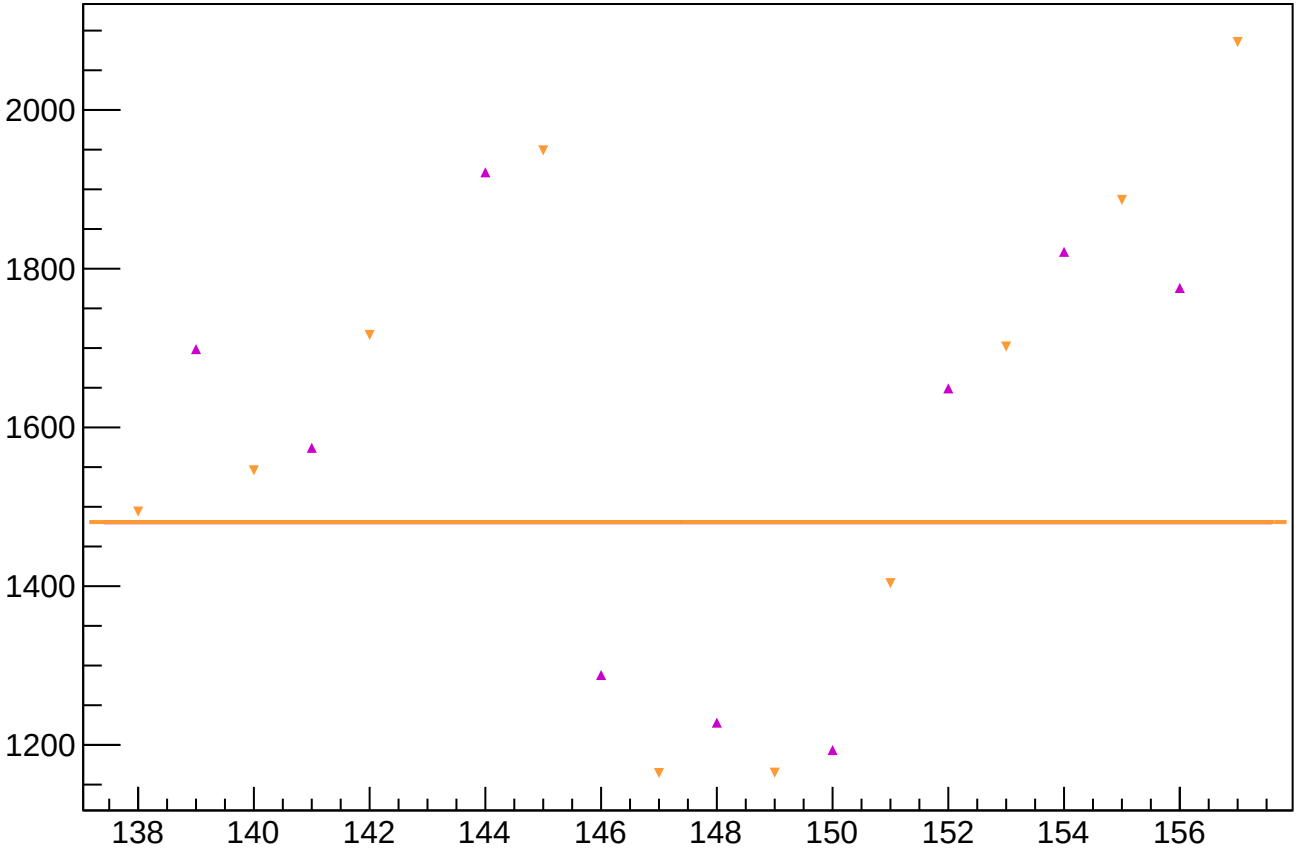
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 359.628+/-551.970 χ^2/NDF:2.9/8

Out: -837.605+/-556.993 χ^2/NDF:18.6/9

All: -233.565+/-392.065 χ^2/NDF: 23.8/18

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1480.791+/-0.394 χ^2/NDF:561742.6/9

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

Left In: 1480.604+/-0.390 χ^2/NDF:445725.9/8

Left: 1480.696+/-0.277 χ^2/NDF: 1007468.6/18

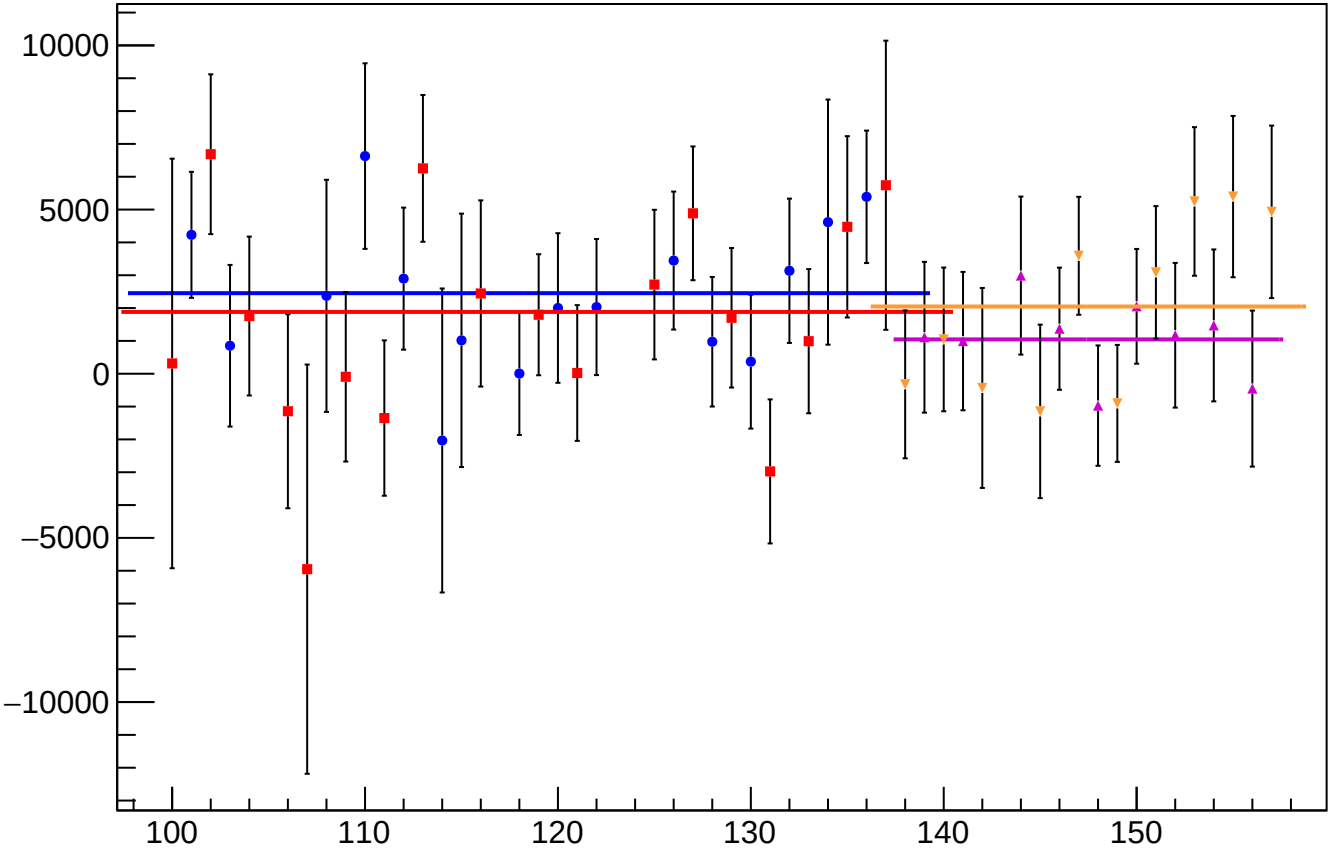
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1480.604+/-0.390 χ^2/NDF:445725.9/8

Out: 1480.791+/-0.394 χ^2/NDF:561742.6/9

All: 1480.696+/-0.277 χ^2/NDF: 1007468.6/18

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2048.018+/-701.340 χ^2/NDF:12.2/9

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

Left In: 1045.997+/-694.809 χ^2/NDF:2.7/8

Left: 1542.320+/-493.597 χ^2/NDF: 15.9/18

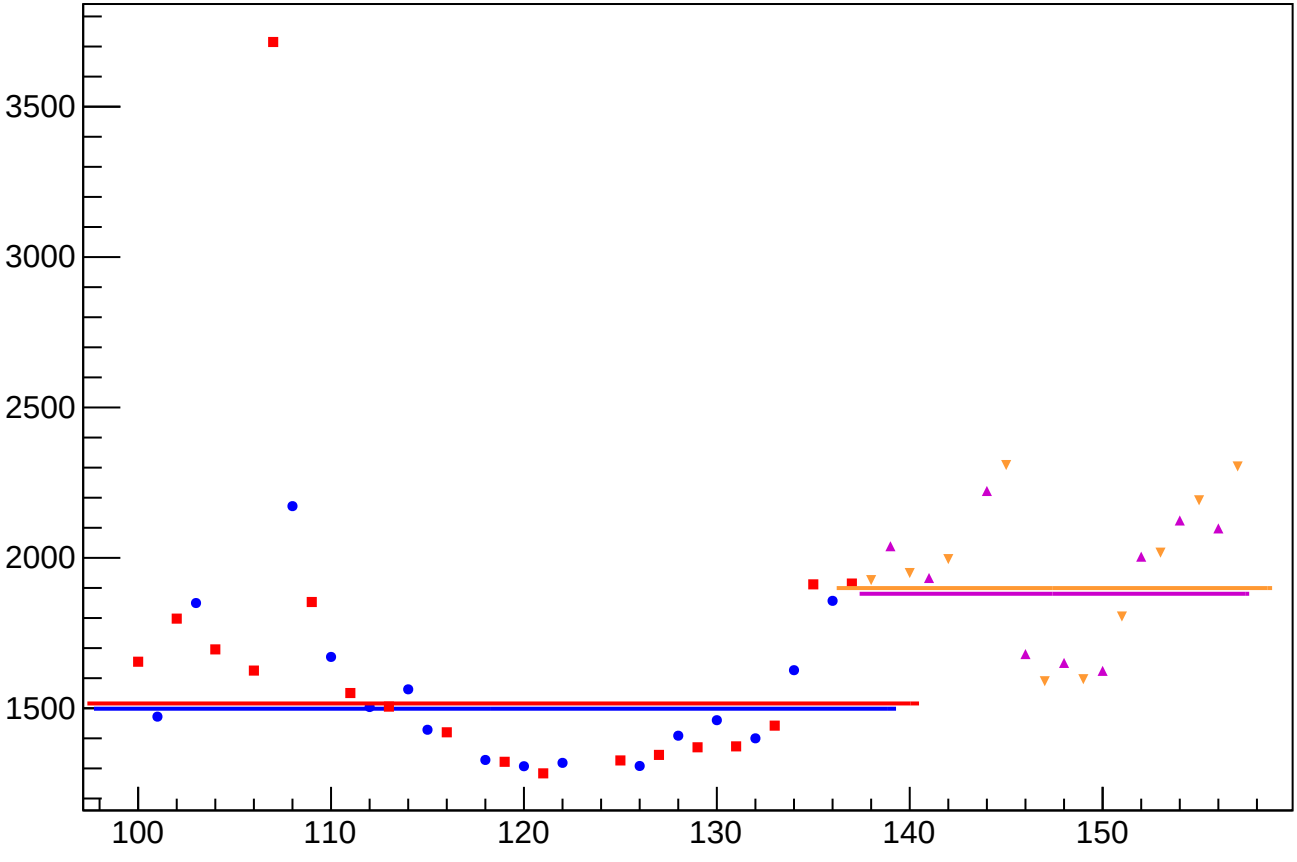
Right: 2167.665+/-412.771 χ^2/NDF: 34.0/33

In: 1870.541+/-447.195 χ^2/NDF:15.8/24

Out: 1950.313+/-448.414 χ^2/NDF:35.0/27

All: 1910.318+/-316.645 χ^2/NDF: 50.9/52

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1899.564+/-0.496 χ^2/NDF:253929.1/9

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

Left In: 1880.642+/-0.491 χ^2/NDF:193927.5/8

Left: 1890.014+/-0.349 χ^2/NDF: 448591.3/18

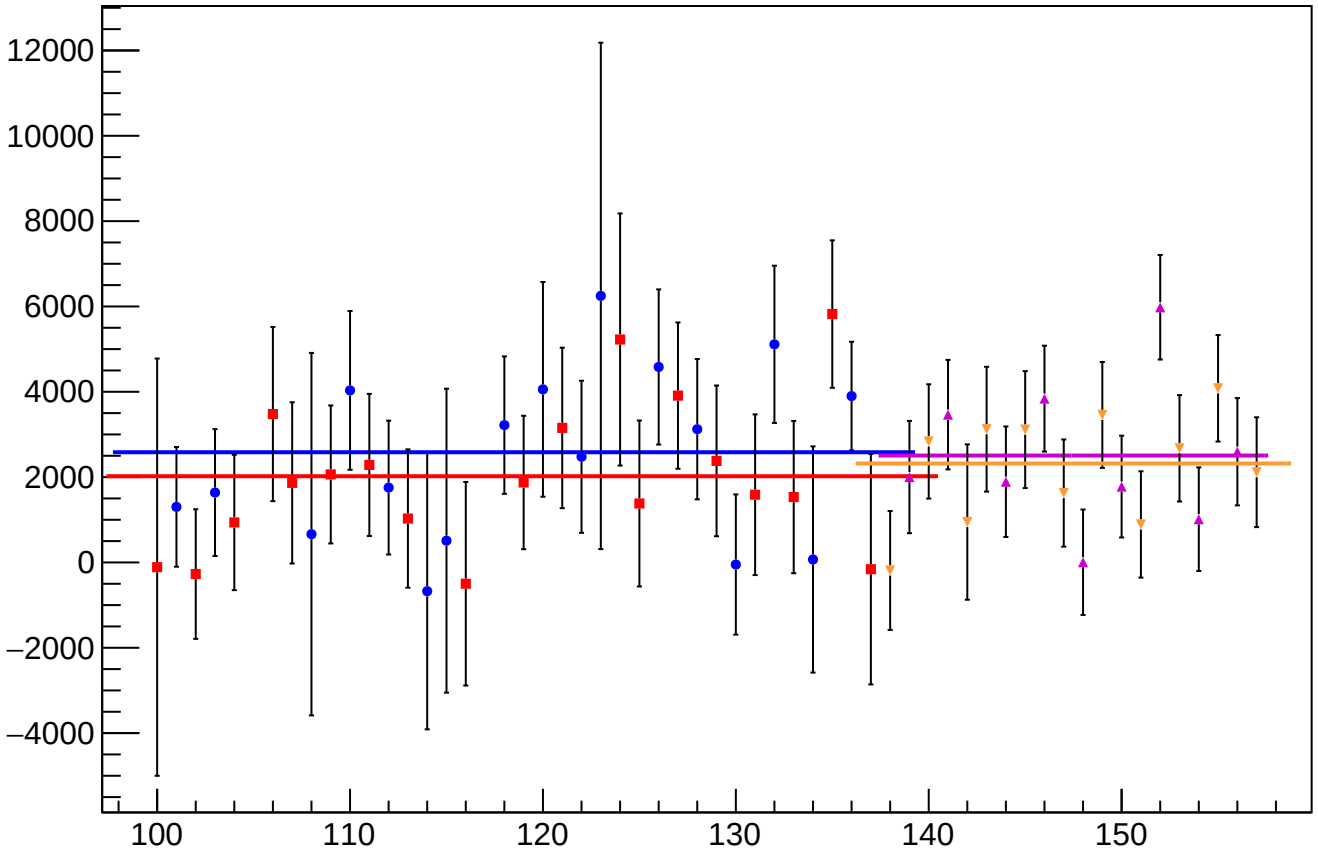
Right: 1507.233+/-0.292 χ^2/NDF: 740243.9/33

In: 1656.793+/-0.316 χ^2/NDF:807136.0/24

Out: 1672.767+/-0.317 χ^2/NDF:1088227.7/27

All: 1664.758+/-0.224 χ^2/NDF: 1896636.1/52

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2319.098+/-401.926 χ^2/NDF:9.2/10

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

Left In: 2505.725+/-416.430 χ^2/NDF:16.1/8

Left: 2409.105+/-289.196 χ^2/NDF: 25.4/19

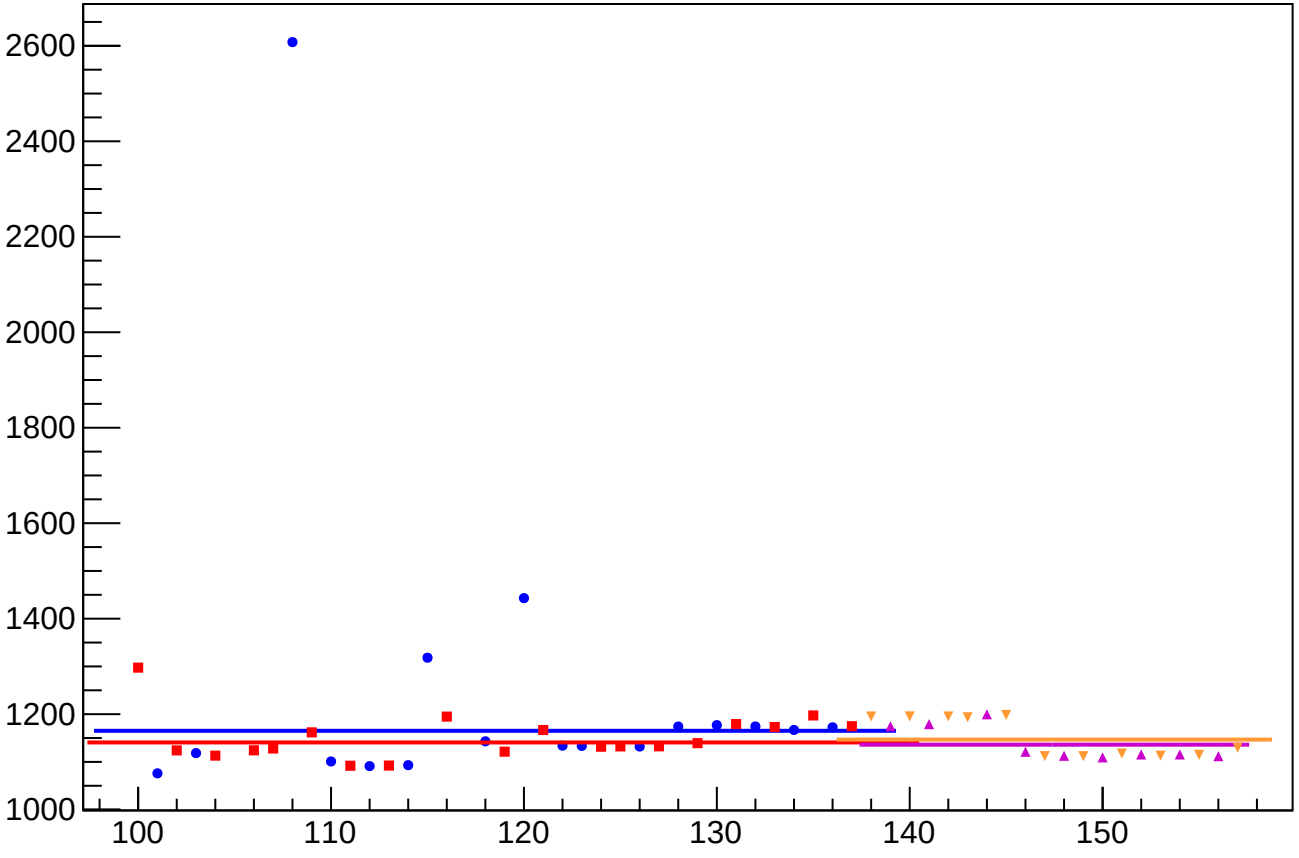
Right: 2284.984+/-310.688 χ^2/NDF: 26.6/35

In: 2541.096+/-306.635 χ^2/NDF:28.4/25

Out: 2178.848+/-292.589 χ^2/NDF:22.9/29

All: 2351.486+/-211.683 χ^2/NDF: 52.1/55

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1146.719+/-0.284 χ^2/NDF:18652.1/10

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

Left In: 1136.081+/-0.294 χ^2/NDF:12671.7/8

Left: 1141.589+/-0.204 χ^2/NDF: 31999.5/19

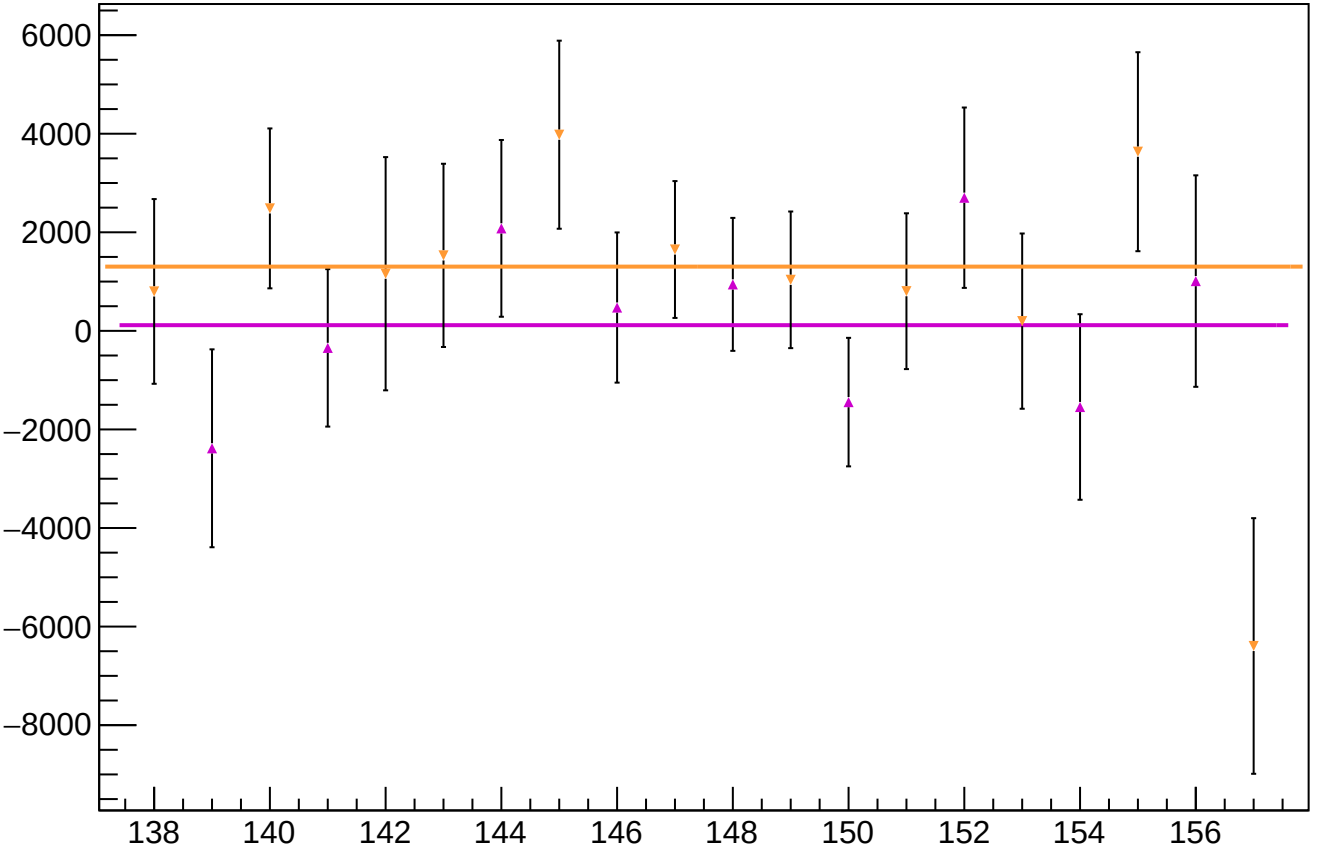
Right: 1152.217+/-0.220 χ^2/NDF: 294359.2/35

In: 1149.387+/-0.217 χ^2/NDF:295702.1/25

Out: 1143.914+/-0.207 χ^2/NDF:31577.0/29

All: 1146.522+/-0.150 χ^2/NDF: 327612.6/55

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1303.517+/-530.195 χ^2/NDF:13.3/10

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

Left In: 115.362+/-549.019 χ^2/NDF:7.6/8

Left: 730.158+/-381.386 χ^2/NDF: 23.4/19

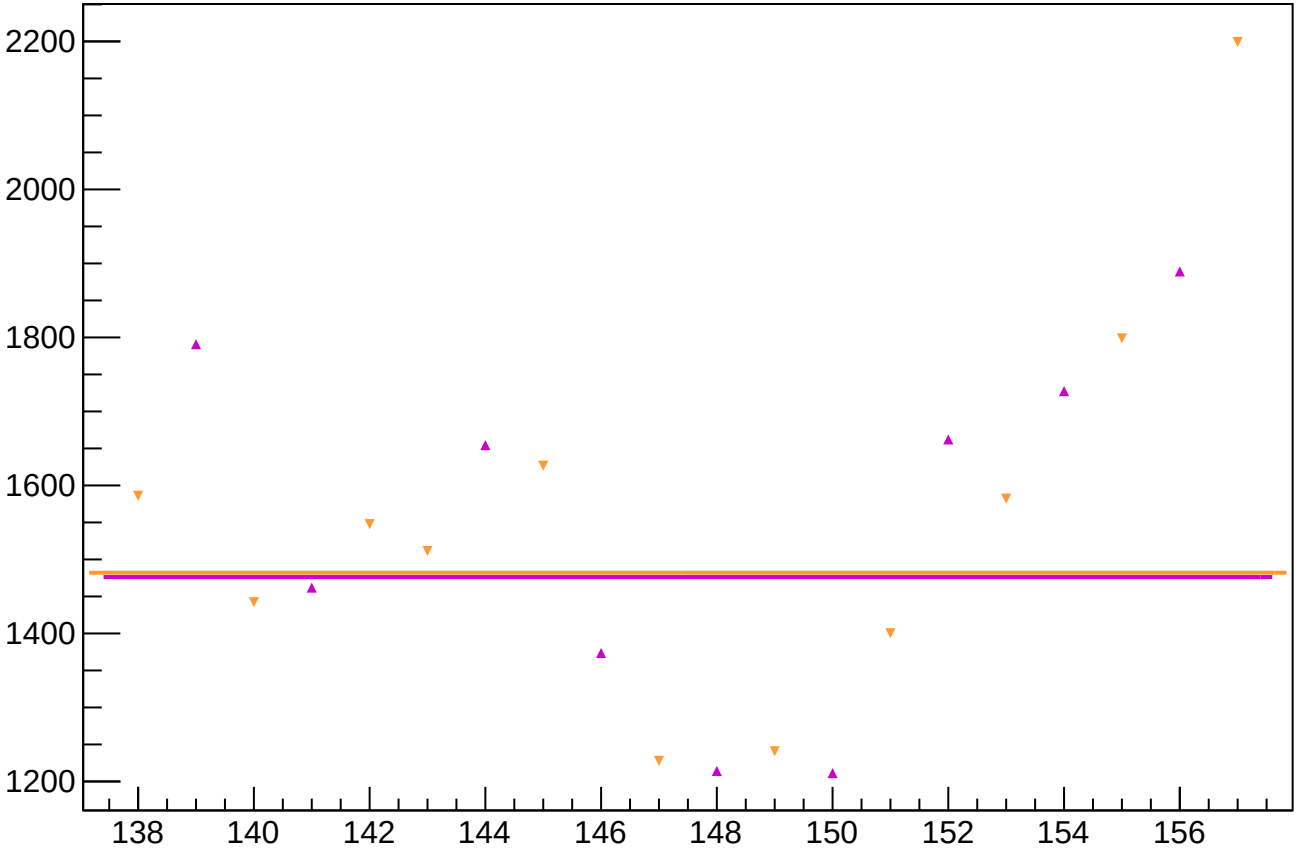
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 115.362+/-549.019 χ^2/NDF:7.6/8

Out: 1303.517+/-530.195 χ^2/NDF:13.3/10

All: 730.158+/-381.386 χ^2/NDF: 23.4/19

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1482.116+/-0.375 χ^2/NDF:362460.4/10

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

Left In: 1476.222+/-0.388 χ^2/NDF:366584.9/8

Left: 1479.271+/-0.270 χ^2/NDF: 729164.5/19

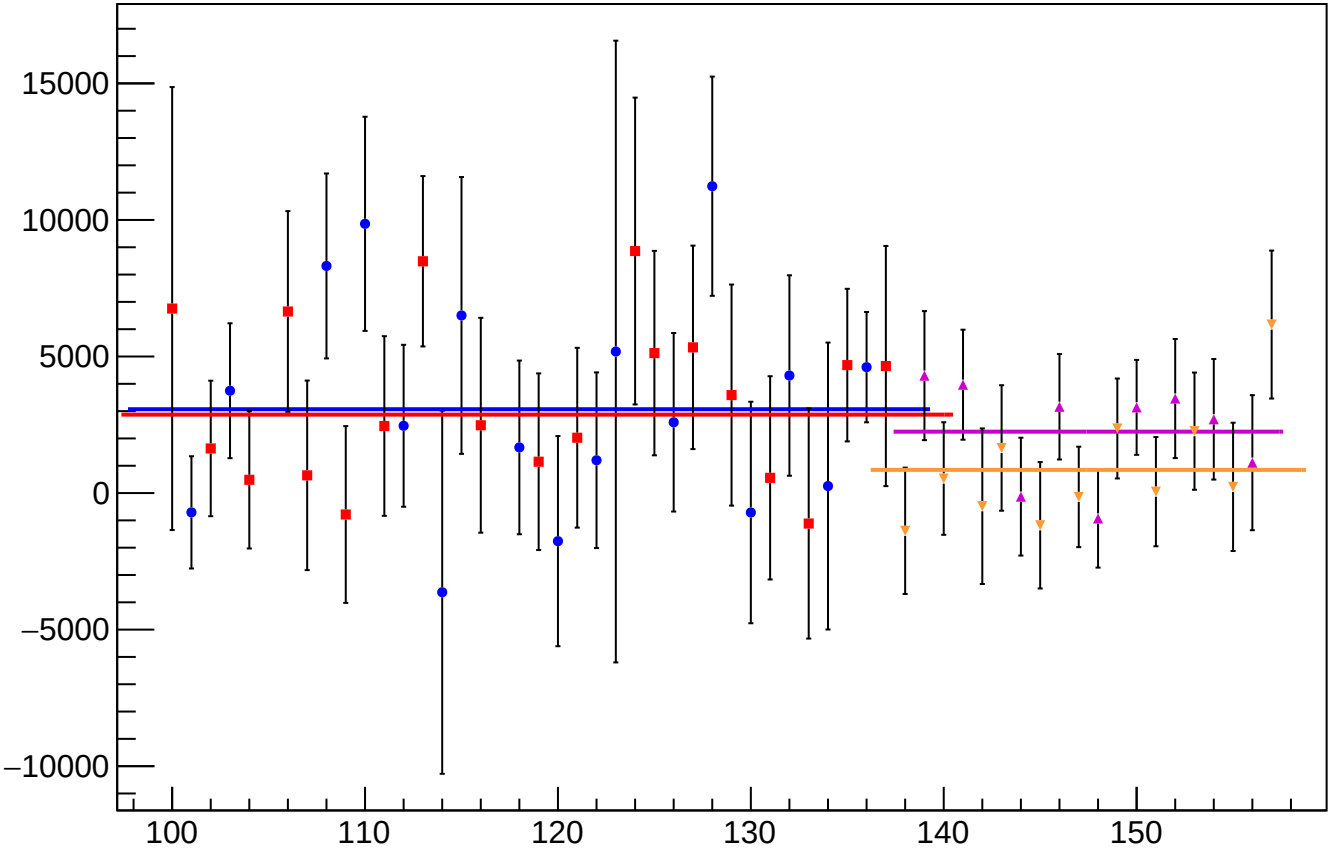
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1476.222+/-0.388 χ^2/NDF:366584.9/8

Out: 1482.116+/-0.375 χ^2/NDF:362460.4/10

All: 1479.271+/-0.270 χ^2/NDF: 729164.5/19

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 848.195+/-659.192 χ^2/NDF:7.6/10

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

Left In: 2248.213+/-685.563 χ^2/NDF:6.9/8

Left: 1520.760+/-475.168 χ^2/NDF: 16.6/19

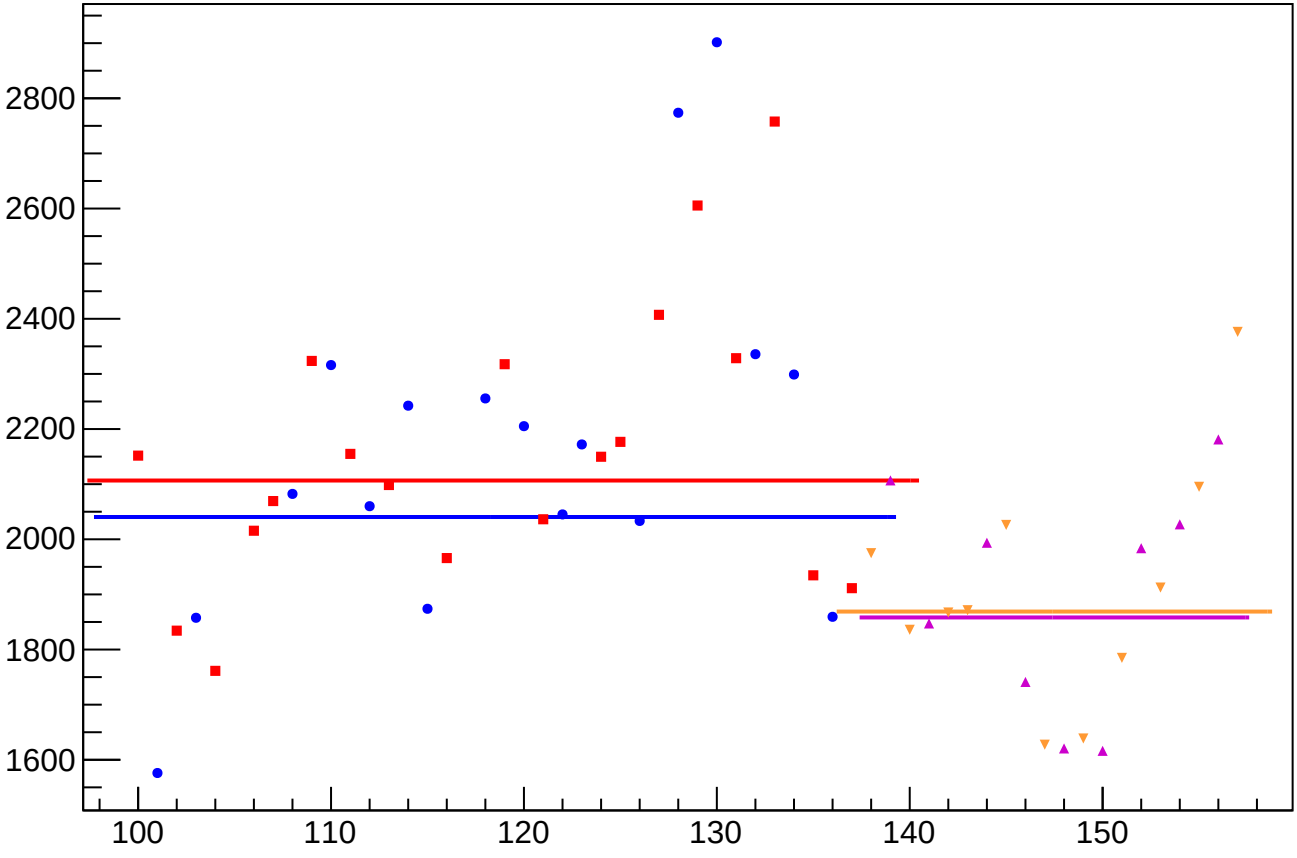
Right: 2970.754+/-563.242 χ^2/NDF: 30.1/35

In: 2597.092+/-519.943 χ^2/NDF:26.0/25

Out: 1672.544+/-507.534 χ^2/NDF:23.0/29

All: 2123.654+/-363.188 χ^2/NDF: 50.6/55

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1868.902+/-0.466 χ^2/NDF:173178.2/10

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

Left In: 1858.214+/-0.485 χ^2/NDF:163513.3/8

Left: 1863.768+/-0.336 χ^2/NDF: 336944.1/19

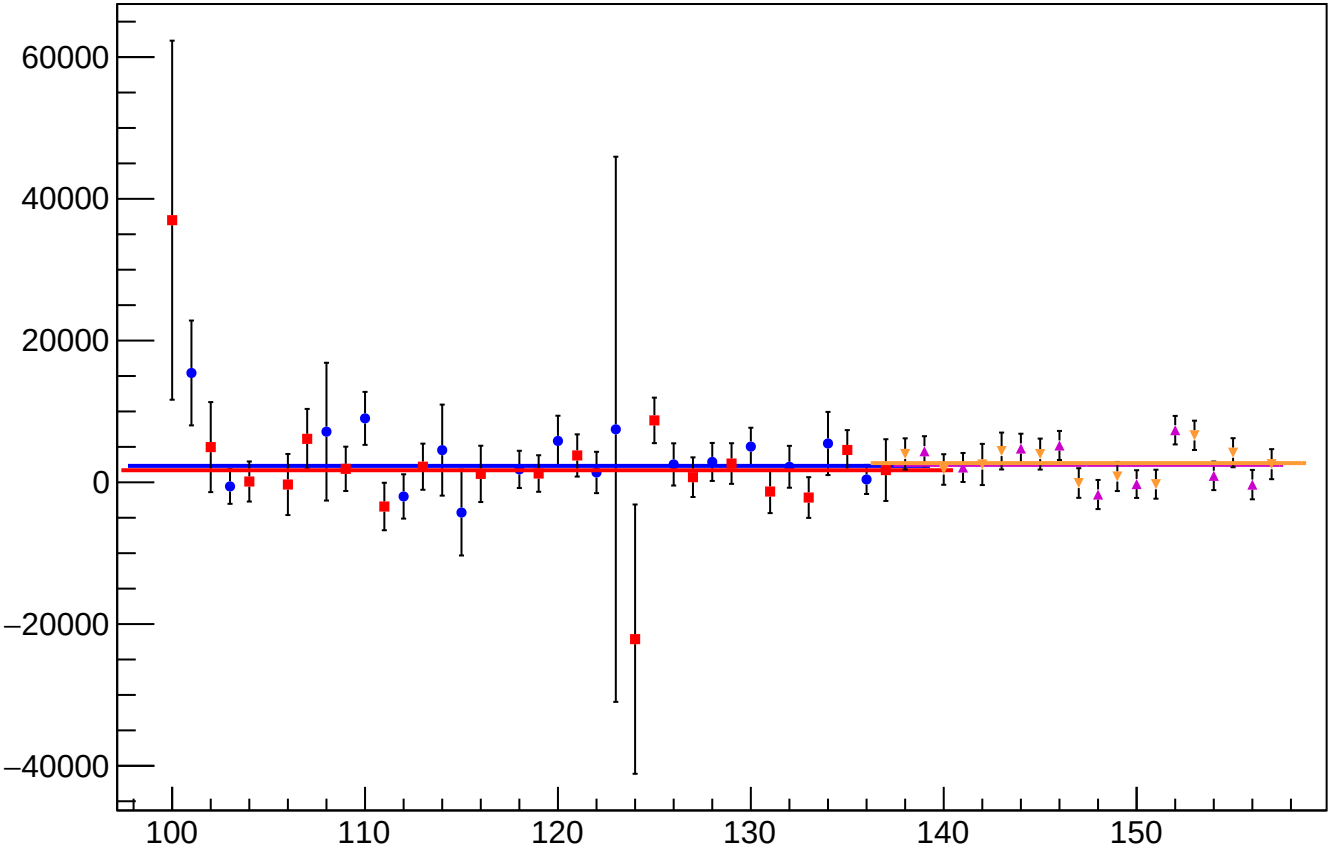
Right: 2073.628+/-0.398 χ^2/NDF: 533659.8/35

In: 1935.621+/-0.368 χ^2/NDF:554875.6/25

Out: 1965.703+/-0.359 χ^2/NDF:474507.0/29

All: 1951.025+/-0.257 χ^2/NDF: 1032810.8/55

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2709.707+/-659.668 χ^2/NDF:10.2/10

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

Left In: 2464.001+/-681.852 χ^2/NDF:18.2/8

Left: 2590.916+/-474.104 χ^2/NDF: 28.5/19

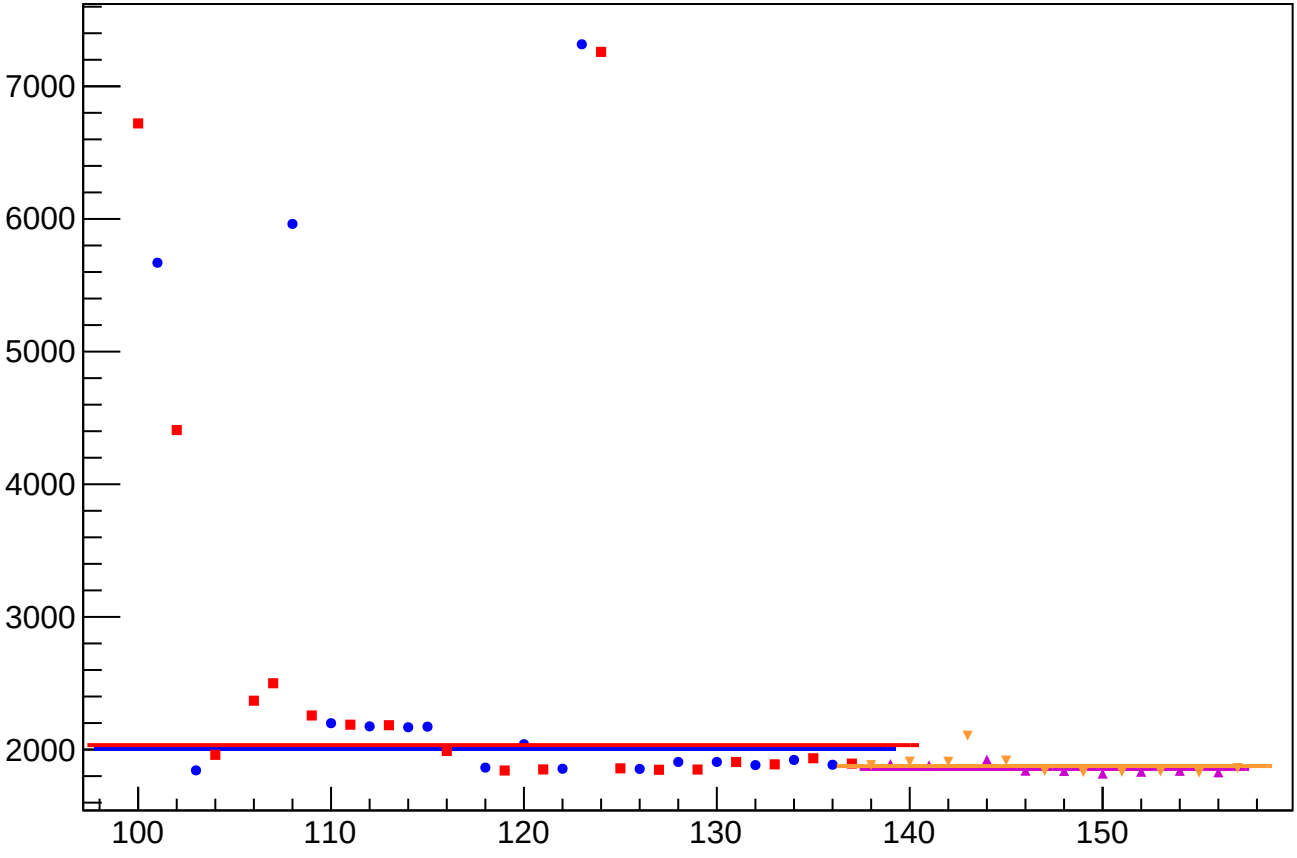
Right: 2005.073+/-560.015 χ^2/NDF: 32.3/35

In: 2403.131+/-519.329 χ^2/NDF:33.0/25

Out: 2292.737+/-504.451 χ^2/NDF:28.3/29

All: 2346.330+/-361.846 χ^2/NDF: 61.4/55

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1875.754+/-0.466 χ^2/NDF:21501.9/10

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

Left In: 1854.194+/-0.482 χ^2/NDF:4678.9/8

Left: 1865.330+/-0.335 χ^2/NDF: 27213.7/19

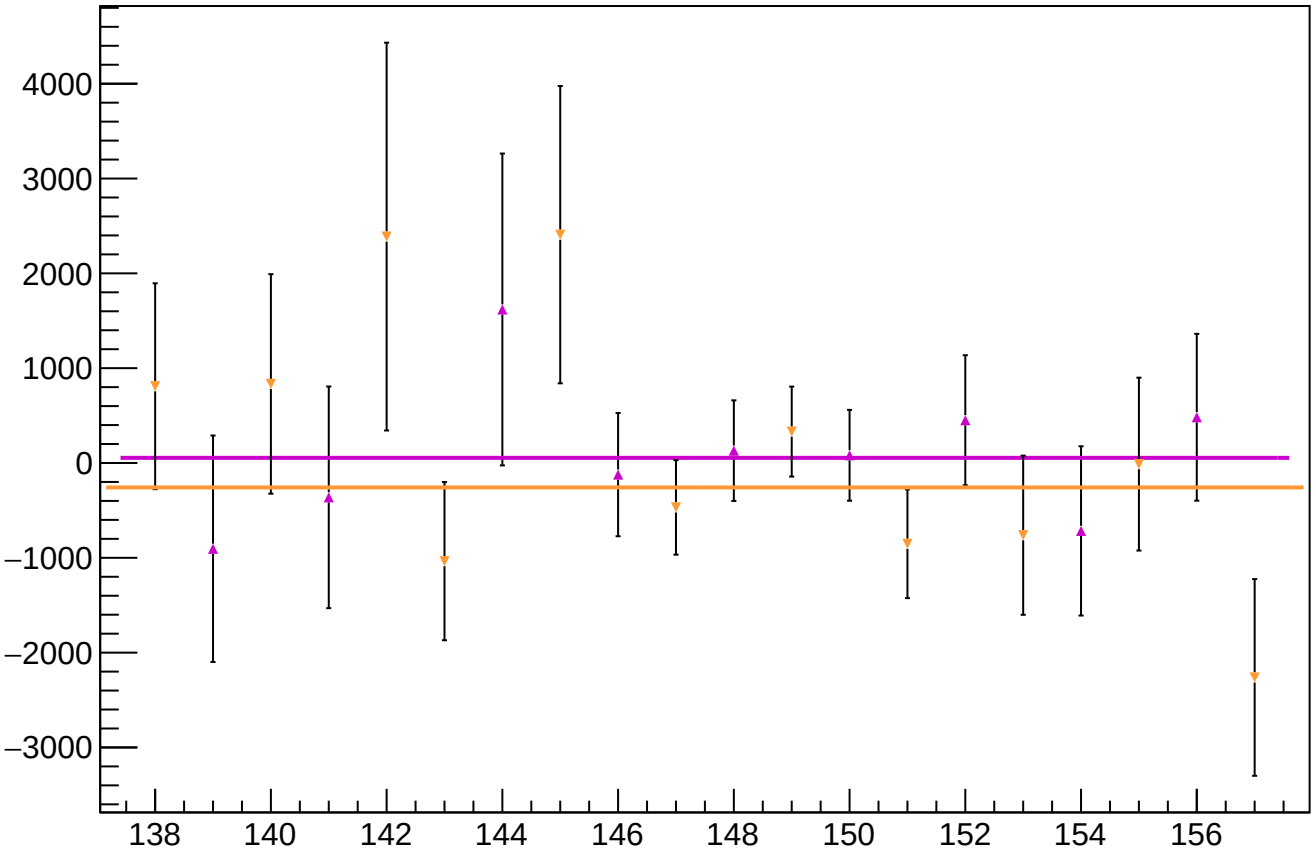
Right: 2019.360+/-0.396 χ^2/NDF: 1528357.7/35

In: 1917.328+/-0.367 χ^2/NDF:961527.8/25

Out: 1941.250+/-0.357 χ^2/NDF:679993.4/29

All: 1929.637+/-0.256 χ^2/NDF: 1643704.8/55

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -257.982+/-231.008 χ^2/NDF:14.2/10

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

Left In: 54.251+/-244.316 χ^2/NDF:3.1/8

Left: -110.600+/-167.855 χ^2/NDF: 18.2/19

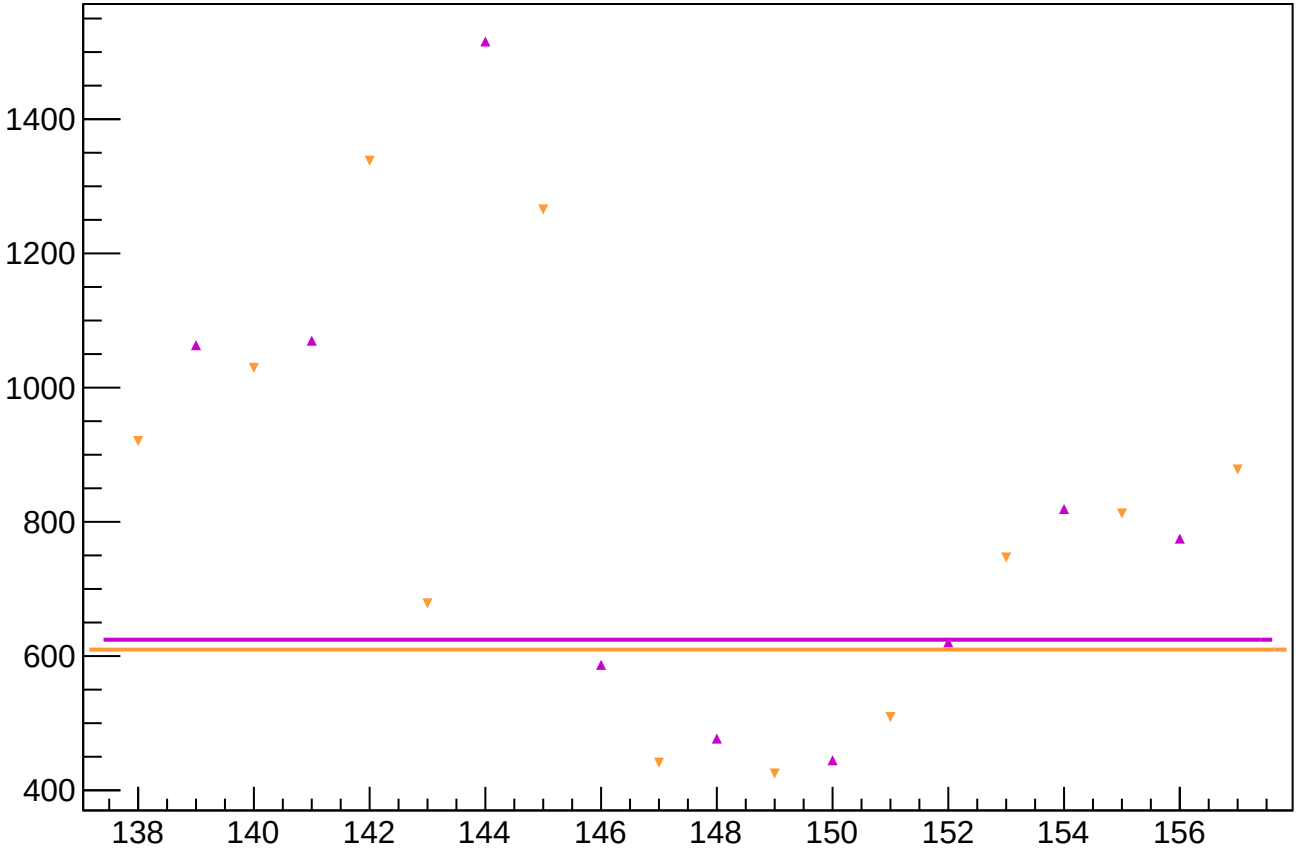
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 54.251+/-244.316 χ^2/NDF:3.1/8

Out: -257.982+/-231.008 χ^2/NDF:14.2/10

All: -110.600+/-167.855 χ^2/NDF: 18.2/19

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 609.666+/-0.163 χ^2/NDF:1923655.1/10

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

Left In: 624.393+/-0.173 χ^2/NDF:1744438.6/8

Left: 616.617+/-0.119 χ^2/NDF: 3671930.6/19

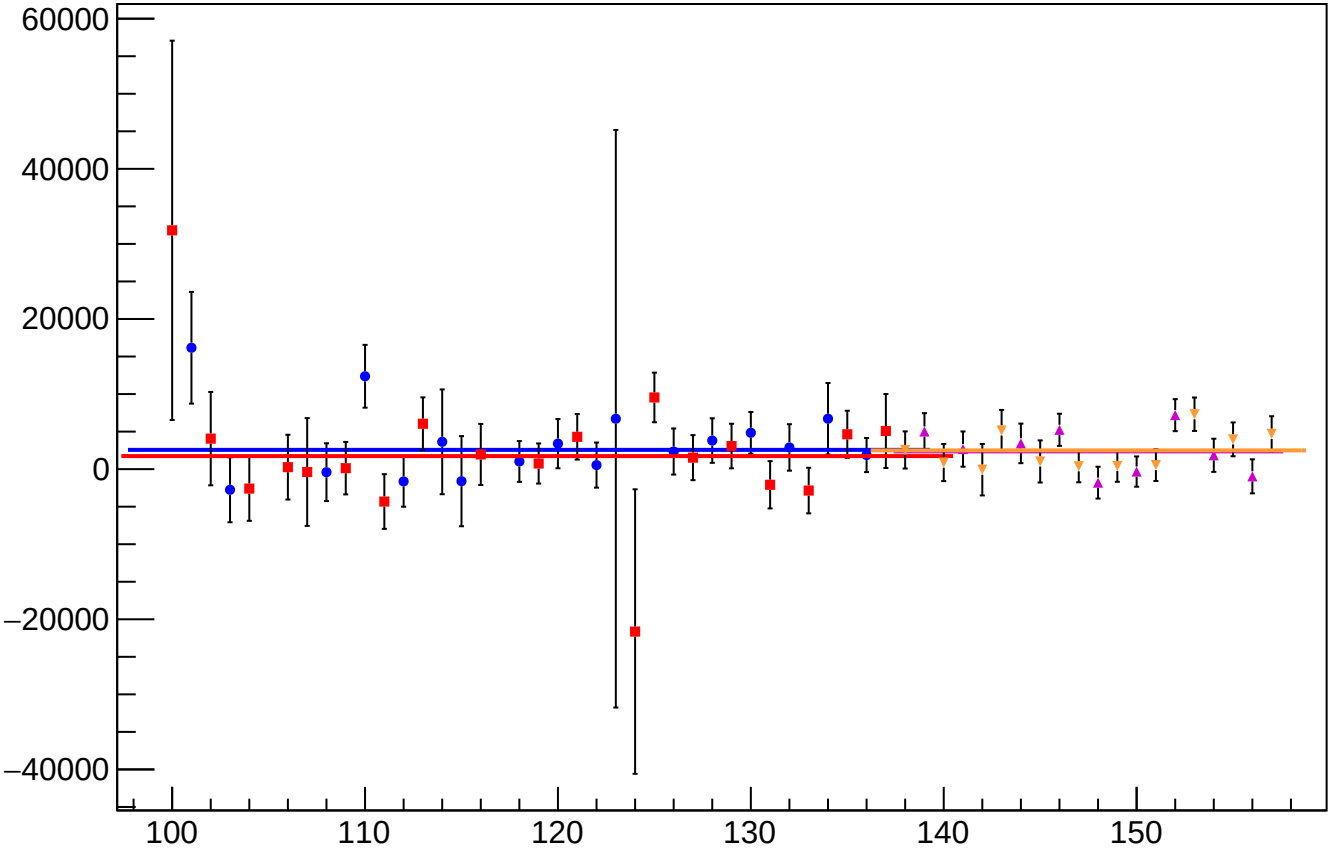
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 624.393+/-0.173 χ^2/NDF:1744438.6/8

Out: 609.666+/-0.163 χ^2/NDF:1923655.1/10

All: 616.617+/-0.119 χ^2/NDF: 3671930.6/19

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2496.543+/-721.442 χ^2/NDF:11.0/10

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

Left In: 2363.475+/-745.563 χ^2/NDF:16.1/8

Left: 2432.197+/-518.454 χ^2/NDF: 27.2/19

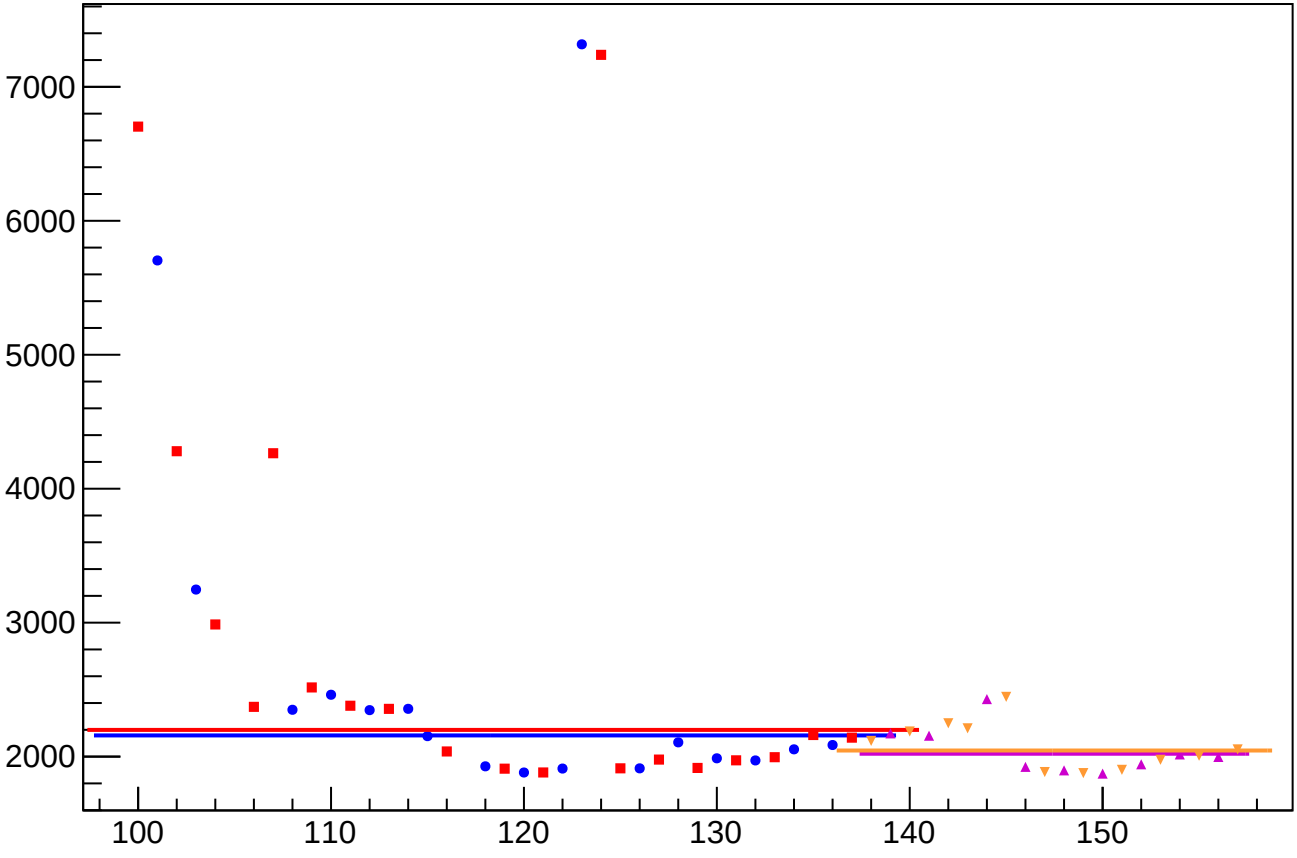
Right: 2150.830+/-604.316 χ^2/NDF: 36.5/35

In: 2451.172+/-562.236 χ^2/NDF:31.7/25

Out: 2180.161+/-550.892 χ^2/NDF:32.0/29

All: 2312.905+/-393.489 χ^2/NDF: 63.8/55

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2045.555+/-0.510 χ^2/NDF:99401.0/10

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

Left In: 2021.500+/-0.527 χ^2/NDF:87031.9/8

Left: 2033.923+/-0.367 χ^2/NDF: 187508.1/19

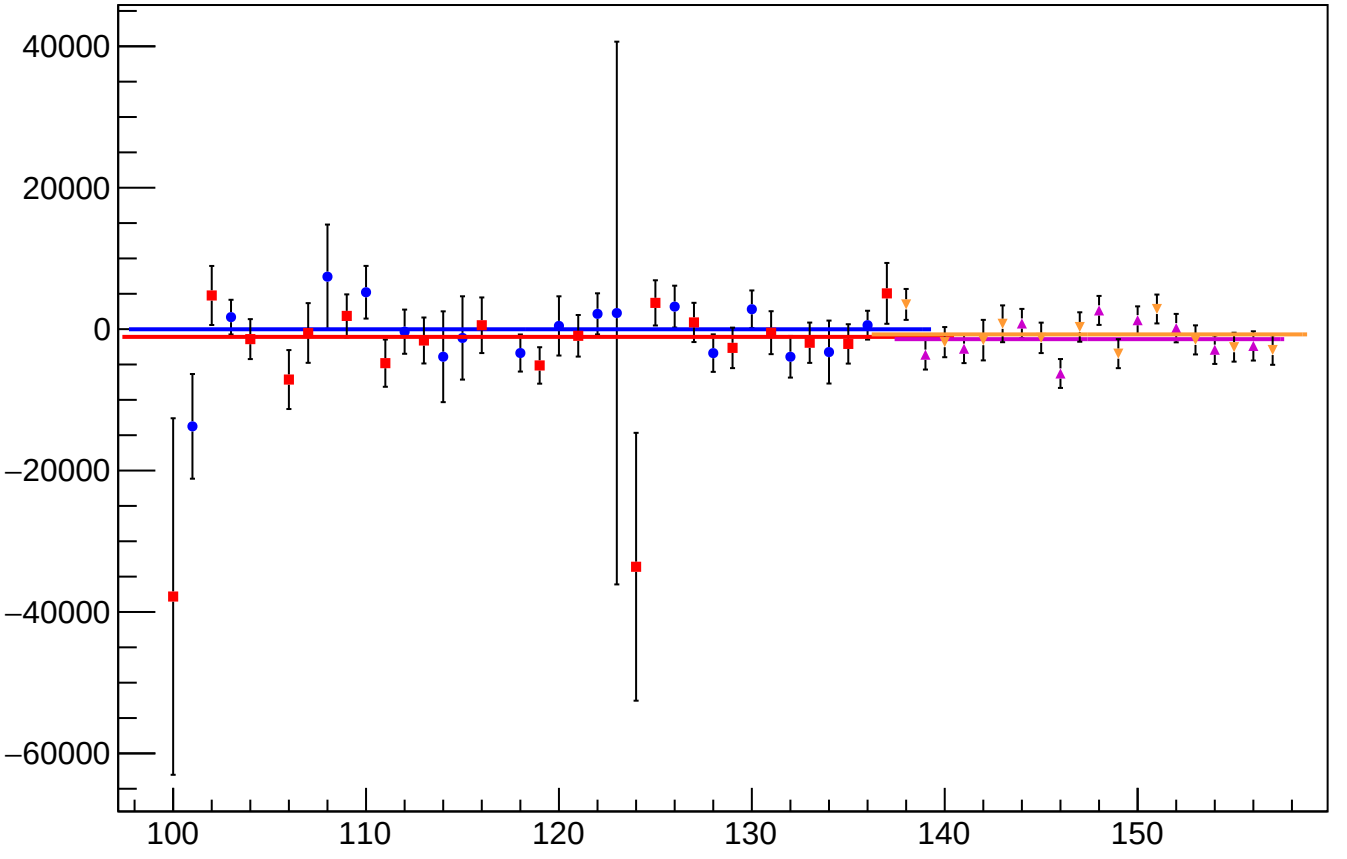
Right: 2178.816+/-0.427 χ^2/NDF: 1519207.5/35

In: 2080.439+/-0.398 χ^2/NDF:829872.2/25

Out: 2109.672+/-0.390 χ^2/NDF:940312.7/29

All: 2095.354+/-0.278 χ^2/NDF: 1772943.4/55

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -742.504+/-655.805 χ^2/NDF:11.6/10

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

Left In: -1416.522+/-678.849 χ^2/NDF:15.5/8

Left: -1067.879+/-471.661 χ^2/NDF: 27.6/19

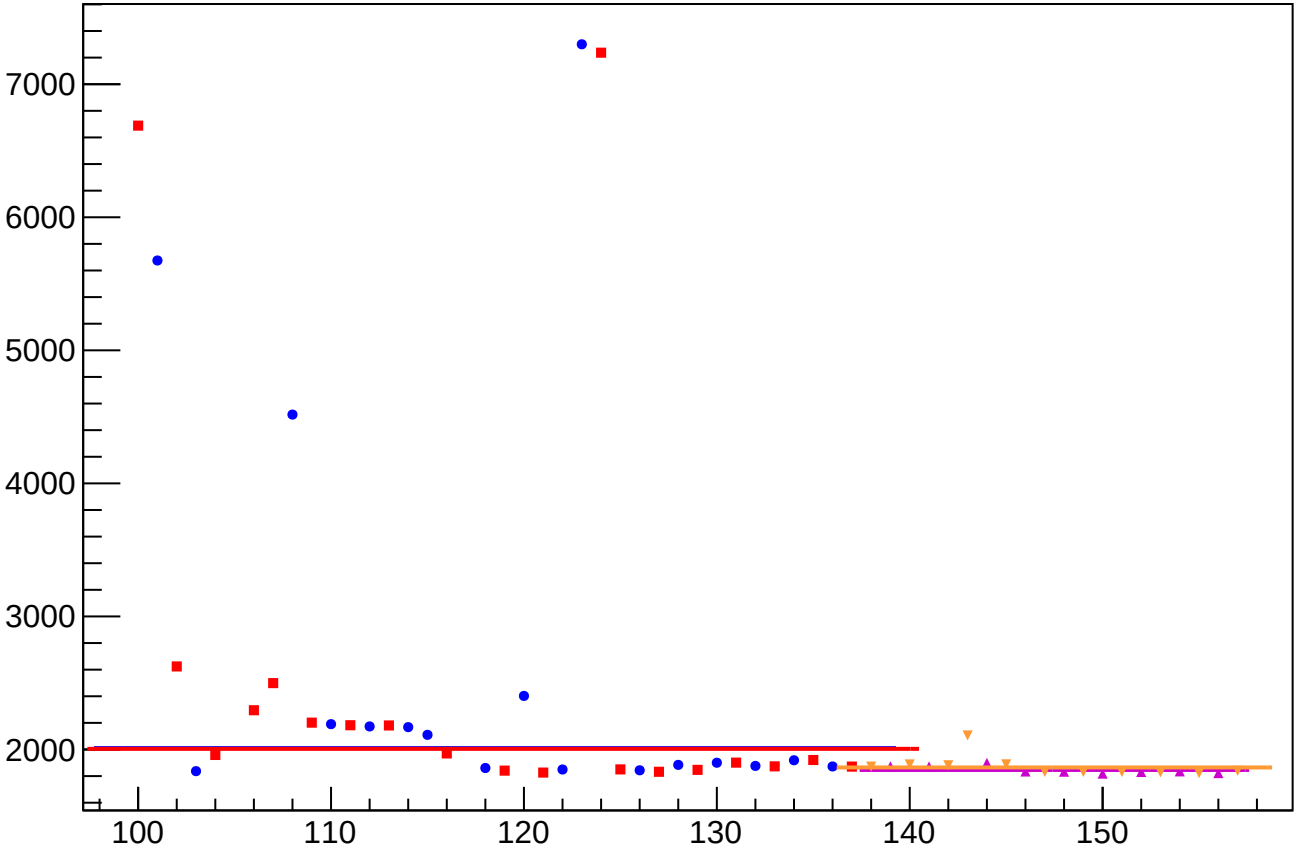
Right: -578.567+/-555.139 χ^2/NDF: 36.2/35

In: -832.377+/-517.989 χ^2/NDF:33.1/25

Out: -890.944+/-499.190 χ^2/NDF:31.1/29

All: -862.742+/-359.443 χ^2/NDF: 64.3/55

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1864.896+/-0.464 χ^2/NDF:21055.4/10

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

Left In: 1846.184+/-0.480 χ^2/NDF:2970.1/8

Left: 1855.863+/-0.334 χ^2/NDF: 24811.6/19

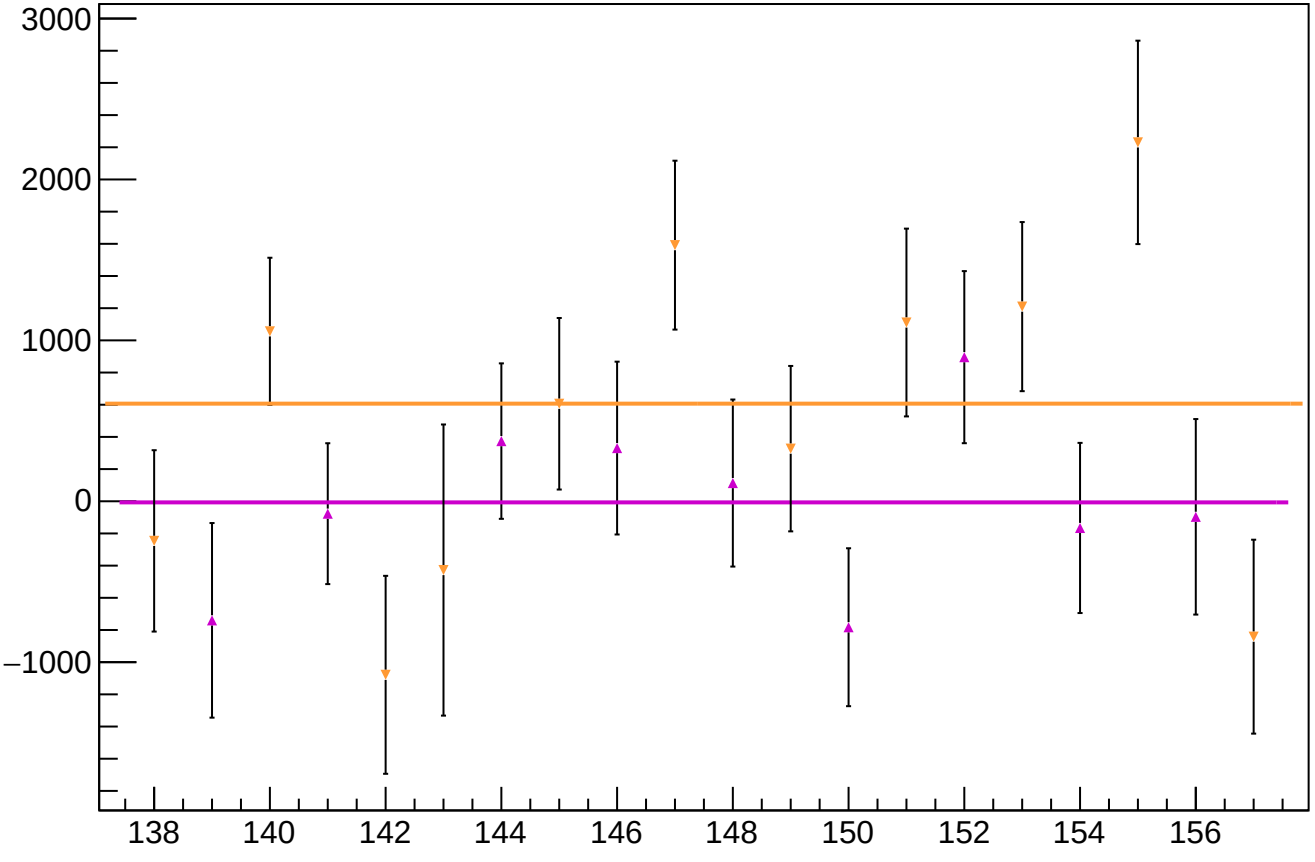
Right: 2007.469+/-0.393 χ^2/NDF: 1207306.7/35

In: 1914.735+/-0.366 χ^2/NDF:891534.2/25

Out: 1923.774+/-0.353 χ^2/NDF:426896.5/29

All: 1919.422+/-0.254 χ^2/NDF: 1318746.4/55

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 606.711+/-170.150 χ^2/NDF:30.3/10

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

Left In: -6.900+/-173.158 χ^2/NDF:8.0/8

Left: 305.282+/-121.364 χ^2/NDF: 44.7/19

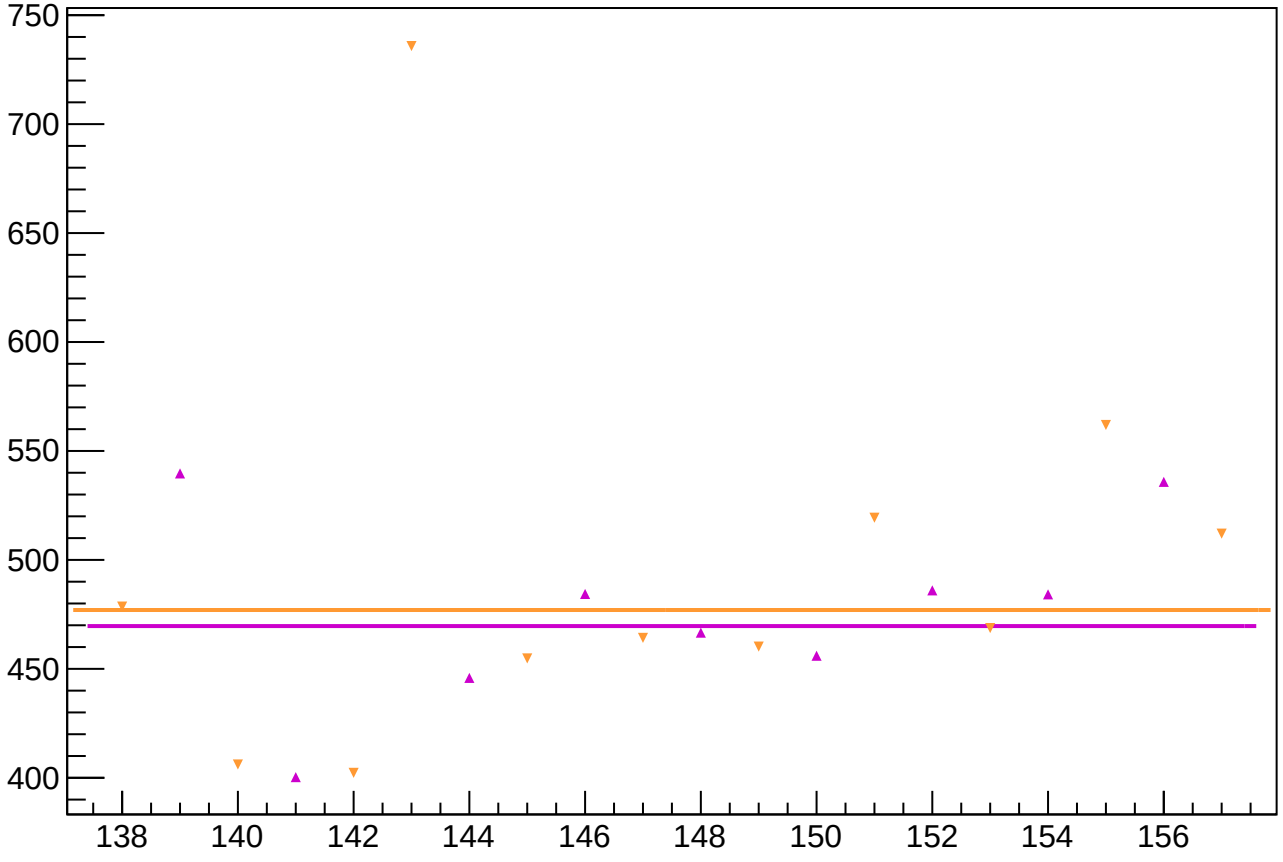
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.900+/-173.158 χ^2/NDF:8.0/8

Out: 606.711+/-170.150 χ^2/NDF:30.3/10

All: 305.282+/-121.364 χ^2/NDF: 44.7/19

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 477.010+/-0.120 χ^2/NDF:301960.0/10

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

Left In: 469.633+/-0.122 χ^2/NDF:112092.8/8

Left: 473.386+/-0.086 χ^2/NDF: 415899.7/19

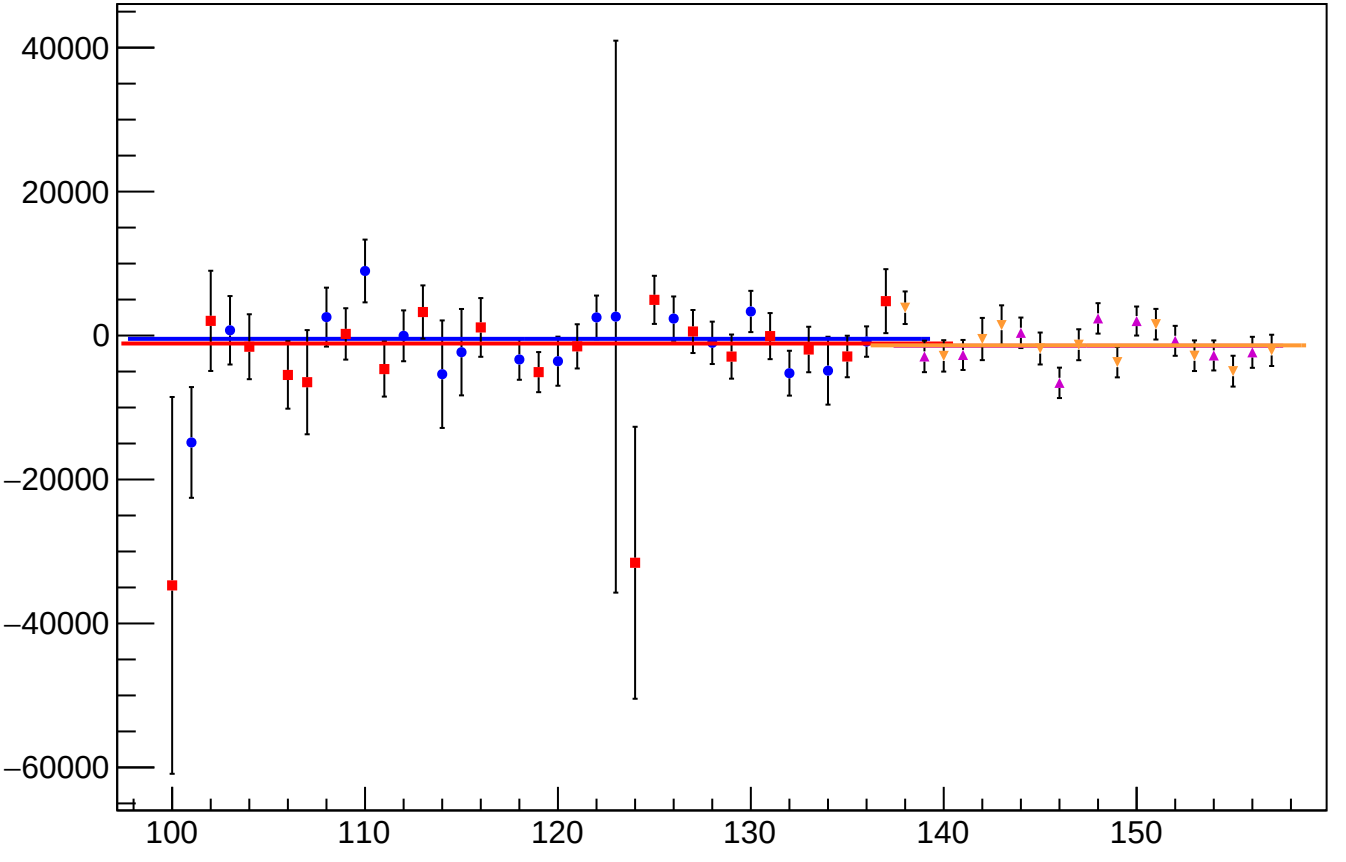
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 469.633+/-0.122 χ^2/NDF:112092.8/8

Out: 477.010+/-0.120 χ^2/NDF:301960.0/10

All: 473.386+/-0.086 χ^2/NDF: 415899.7/19

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1362.465+/-679.206 χ^2/NDF:13.4/10

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

Left In: -1422.867+/-701.421 χ^2/NDF:14.3/8

Left: -1391.694+/-487.936 χ^2/NDF: 27.8/19

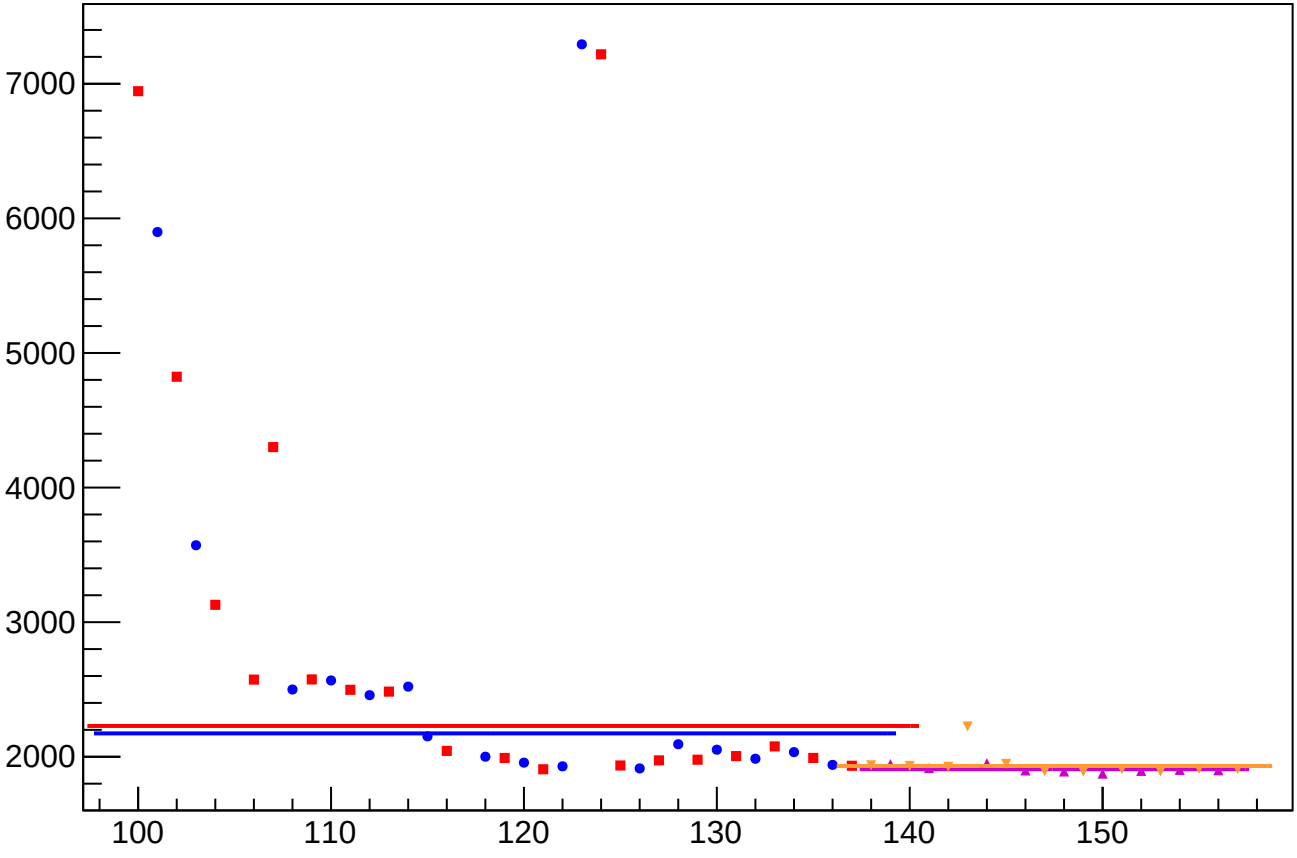
Right: -780.562+/-612.463 χ^2/NDF: 35.2/35

In: -1040.310+/-544.849 χ^2/NDF:33.2/25

Out: -1264.309+/-534.711 χ^2/NDF:30.4/29

All: -1154.413+/-381.631 χ^2/NDF: 63.6/55

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1931.460+/-0.480 χ^2/NDF:25808.3/10

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

Left In: 1907.804+/-0.496 χ^2/NDF:2332.6/8

Left: 1920.013+/-0.345 χ^2/NDF: 29315.0/19

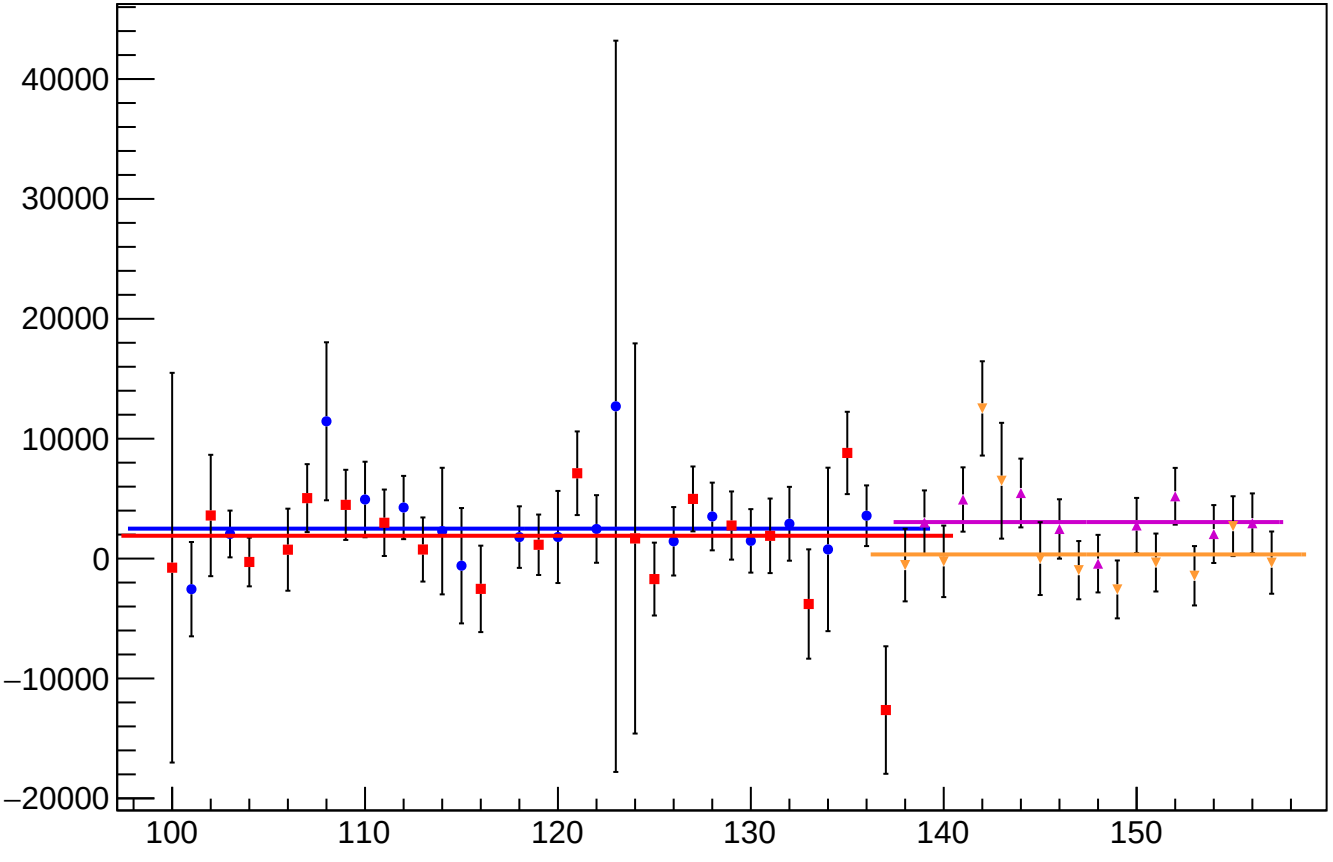
Right: 2201.146+/-0.433 χ^2/NDF: 1705309.7/35

In: 2013.194+/-0.385 χ^2/NDF:921535.6/25

Out: 2044.551+/-0.378 χ^2/NDF:1067501.2/29

All: 2029.167+/-0.270 χ^2/NDF: 1992411.2/55

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 345.973+/-838.749 χ^2/NDF:14.7/10

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

Left In: 3044.817+/-834.057 χ^2/NDF:4.4/8

Left: 1702.964+/-591.419 χ^2/NDF: 24.2/19

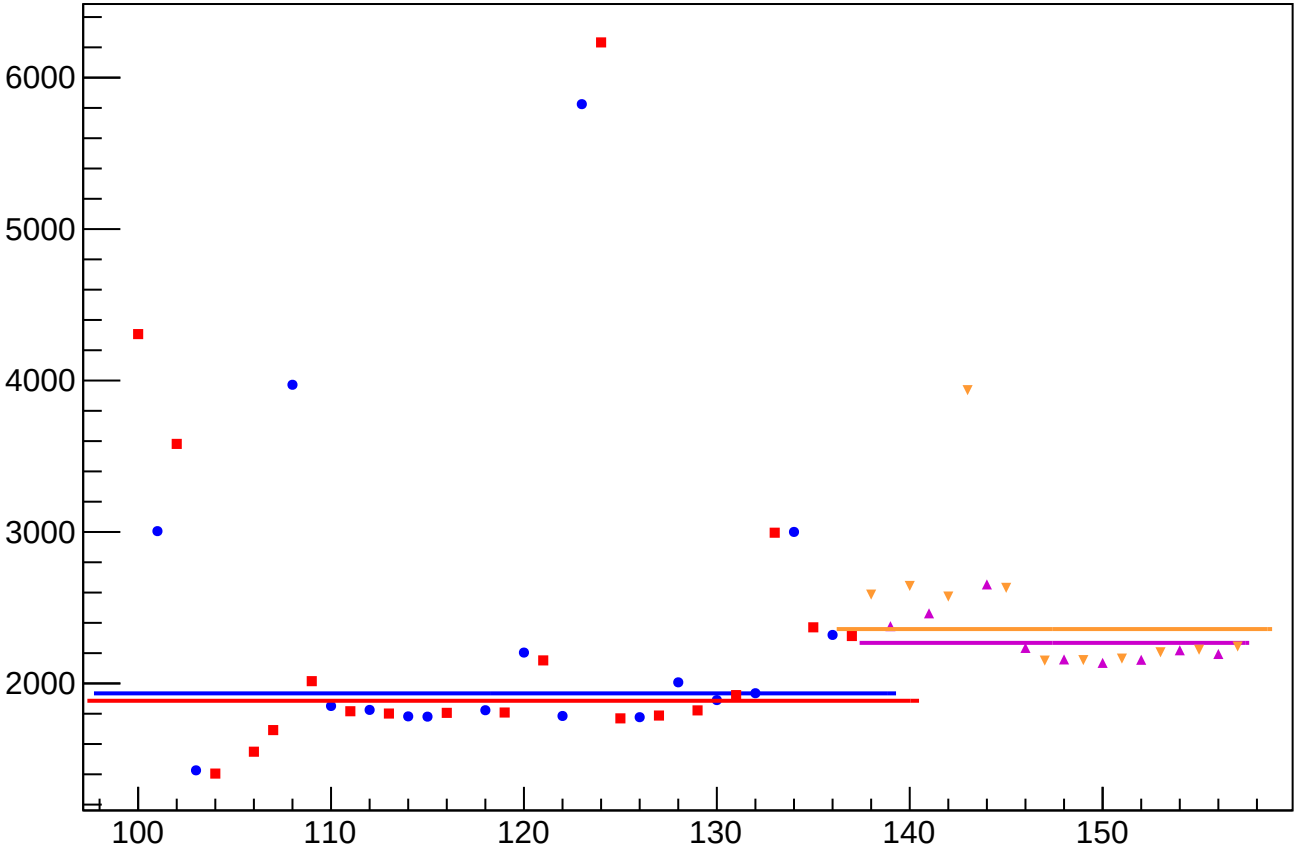
Right: 2187.370+/-531.779 χ^2/NDF: 29.7/35

In: 2748.252+/-565.087 χ^2/NDF:10.5/25

Out: 1224.807+/-553.548 χ^2/NDF:40.1/29

All: 1970.816+/-395.434 χ^2/NDF: 54.3/55

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2358.958+/-0.593 χ^2/NDF:324546.6/10

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

Left In: 2267.803+/-0.590 χ^2/NDF:68319.0/8

Left: 2313.125+/-0.418 χ^2/NDF: 404743.0/19

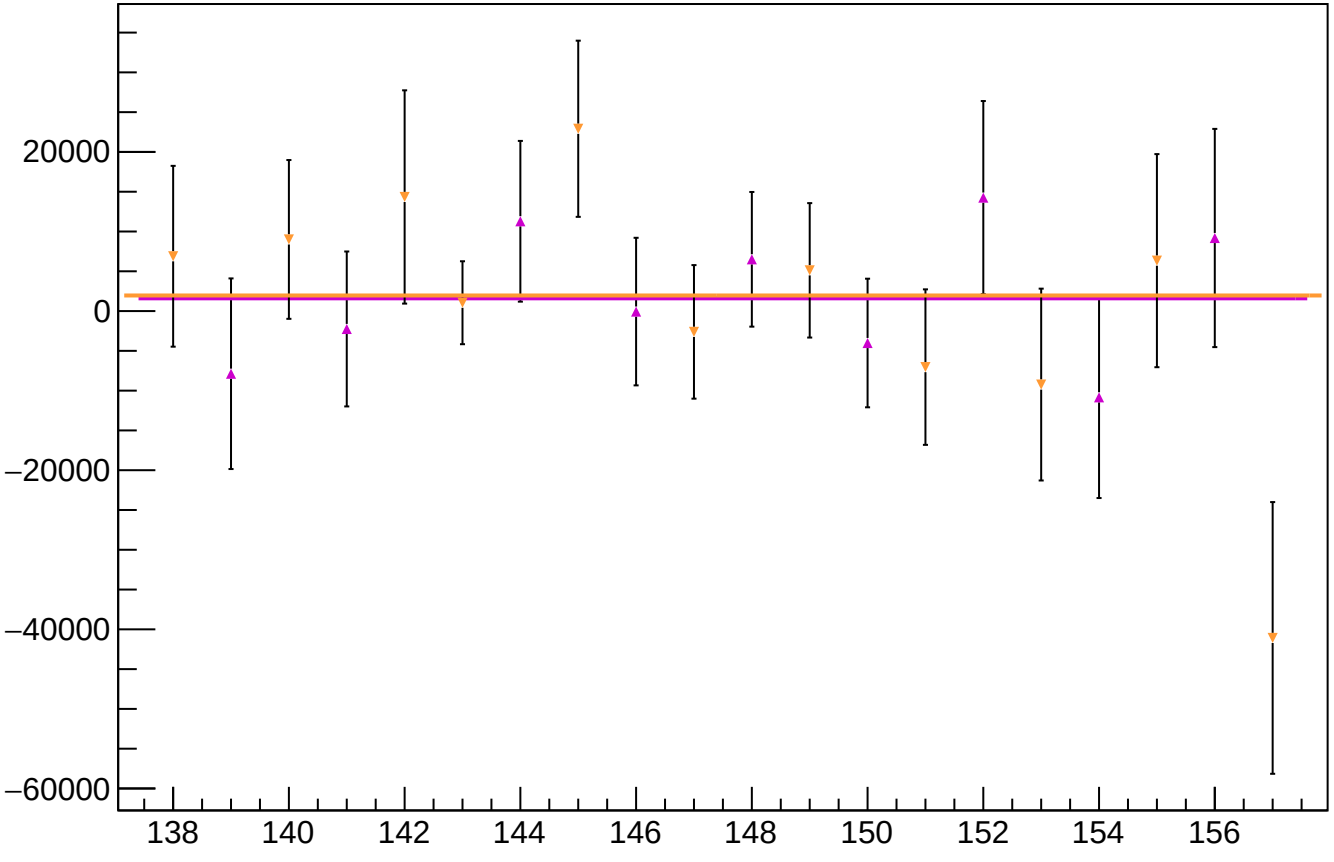
Right: 1908.949+/-0.376 χ^2/NDF: 1395226.1/35

In: 2087.443+/-0.400 χ^2/NDF:880118.6/25

Out: 2091.702+/-0.391 χ^2/NDF:1436331.3/29

All: 2089.617+/-0.280 χ^2/NDF: 2316507.9/55

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1959.760+/-2852.635 χ^2/NDF:13.8/10

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

Left In: 1601.224+/-3398.862 χ^2/NDF:4.9/8

Left: 1811.582+/-2185.039 χ^2/NDF: 18.7/19

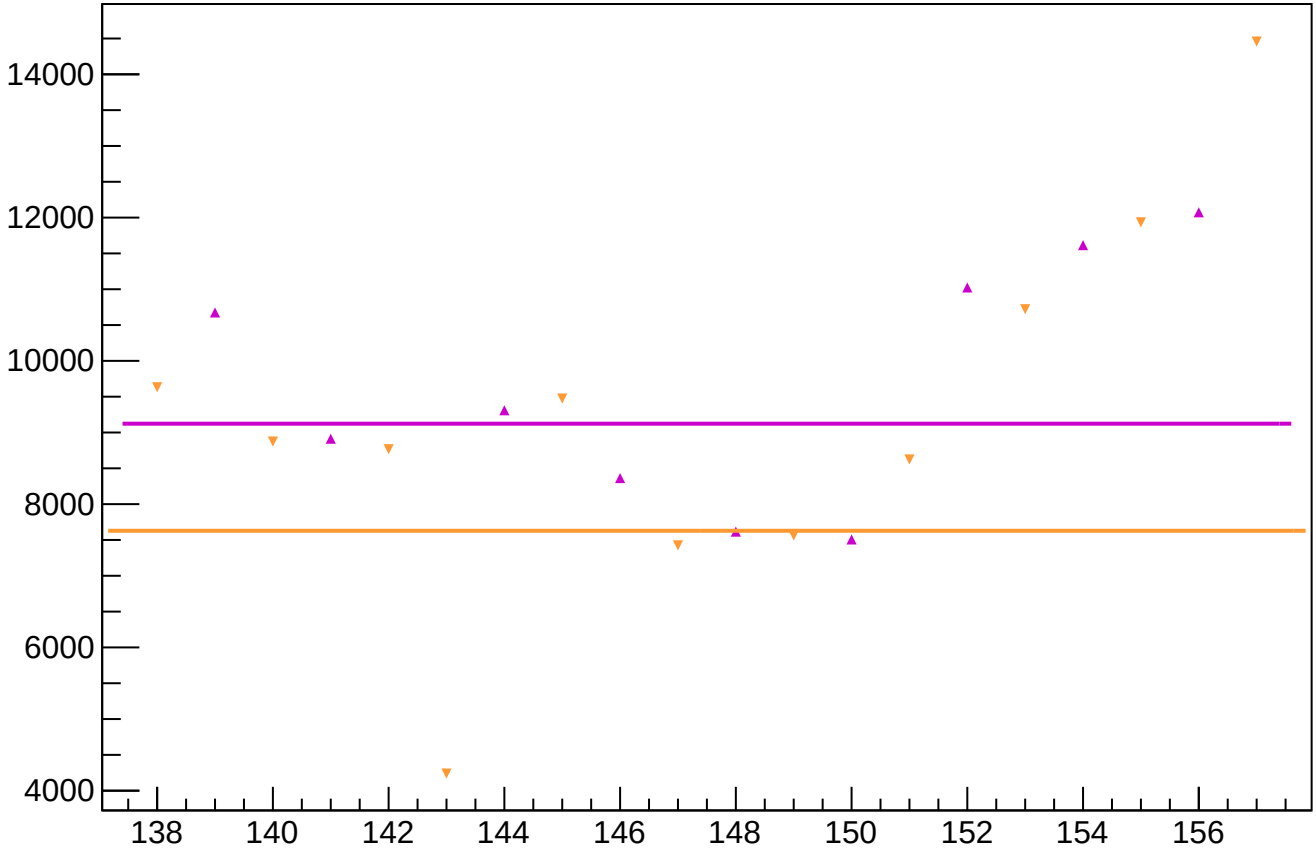
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1601.224+/-3398.862 χ^2/NDF:4.9/8

Out: 1959.760+/-2852.635 χ^2/NDF:13.8/10

All: 1811.582+/-2185.039 χ^2/NDF: 18.7/19

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7628.338+/-2.017 χ^2/NDF:1689167.5/10

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

Left In: 9123.056+/-2.403 χ^2/NDF:411201.7/8

Left: 8246.085+/-1.545 χ^2/NDF: 2327307.4/19

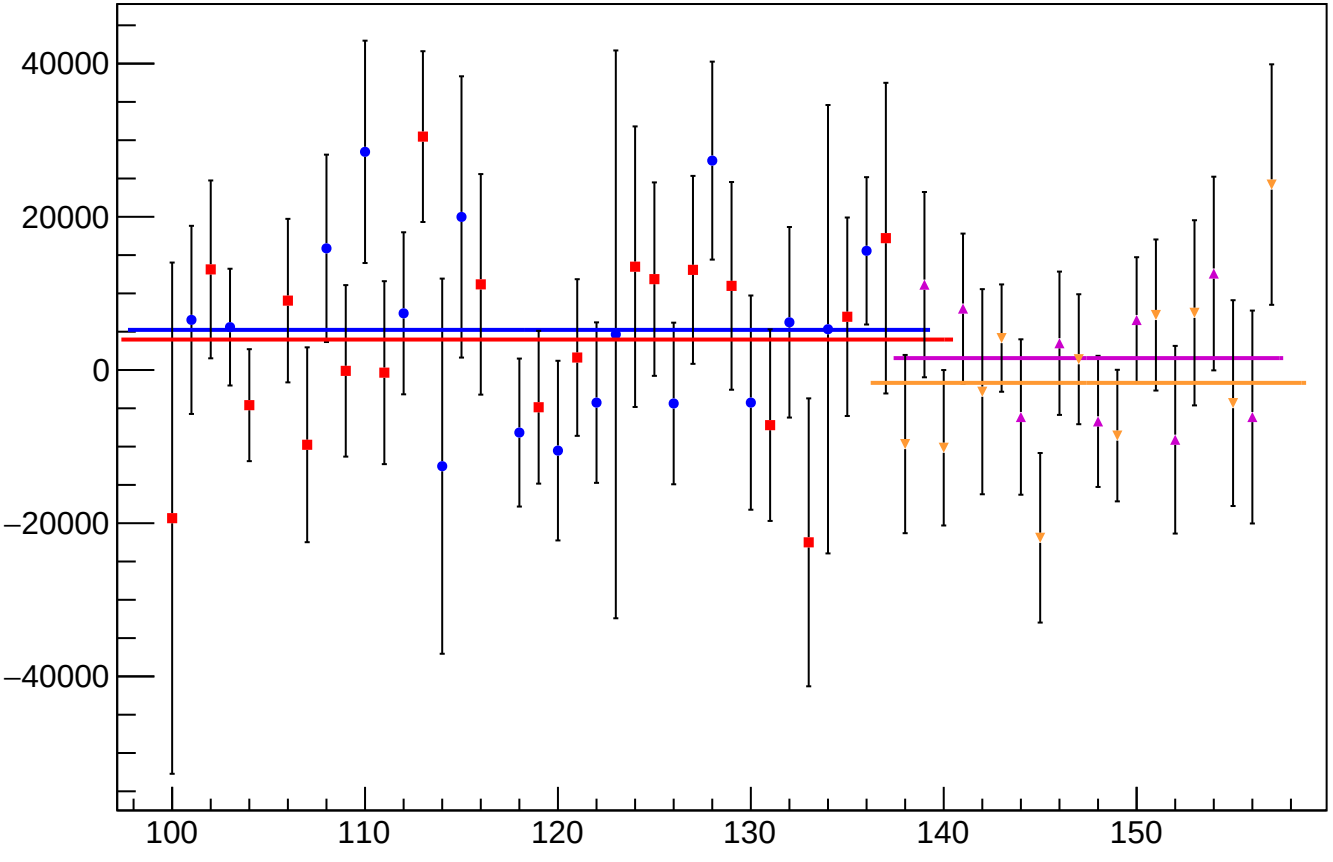
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9123.056+/-2.403 χ^2/NDF:411201.7/8

Out: 7628.338+/-2.017 χ^2/NDF:1689167.5/10

All: 8246.085+/-1.545 χ^2/NDF: 2327307.4/19

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -1679.461+/-3080.328 χ^2/NDF:10.1/10

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

Left In: 1552.731+/-3429.330 χ^2/NDF:4.8/8

Left: -236.155+/-2291.605 χ^2/NDF: 15.4/19

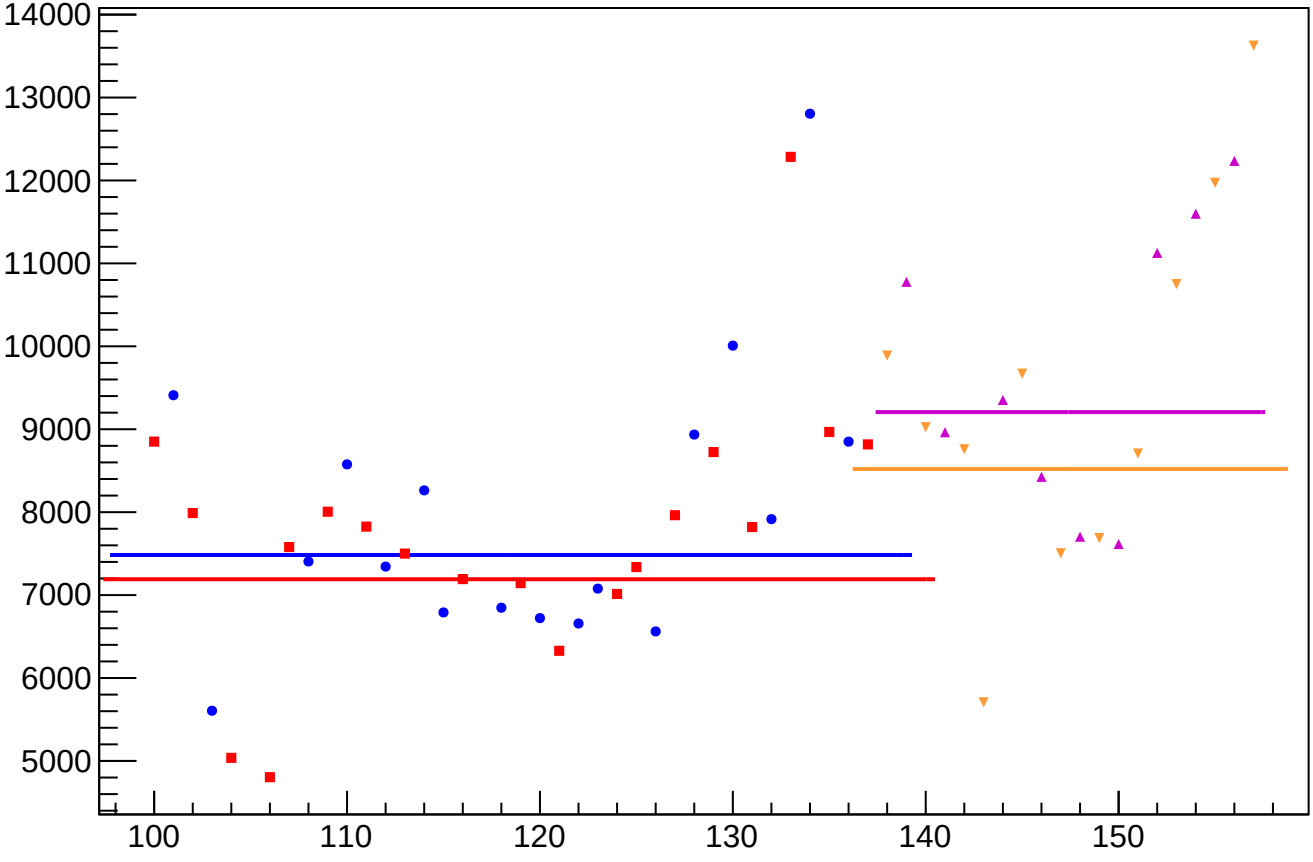
Right: 4573.057+/-2025.948 χ^2/NDF: 30.2/35

In: 3673.377+/-2234.723 χ^2/NDF:19.9/25

Out: 1426.900+/-2068.042 χ^2/NDF:27.6/29

All: 2463.244+/-1517.836 χ^2/NDF: 48.1/55

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8520.524+/-2.178 χ^2/NDF:837188.0/10

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

Left In: 9206.727+/-2.425 χ^2/NDF:402015.3/8

Left: 8826.941+/-1.620 χ^2/NDF: 1283523.6/19

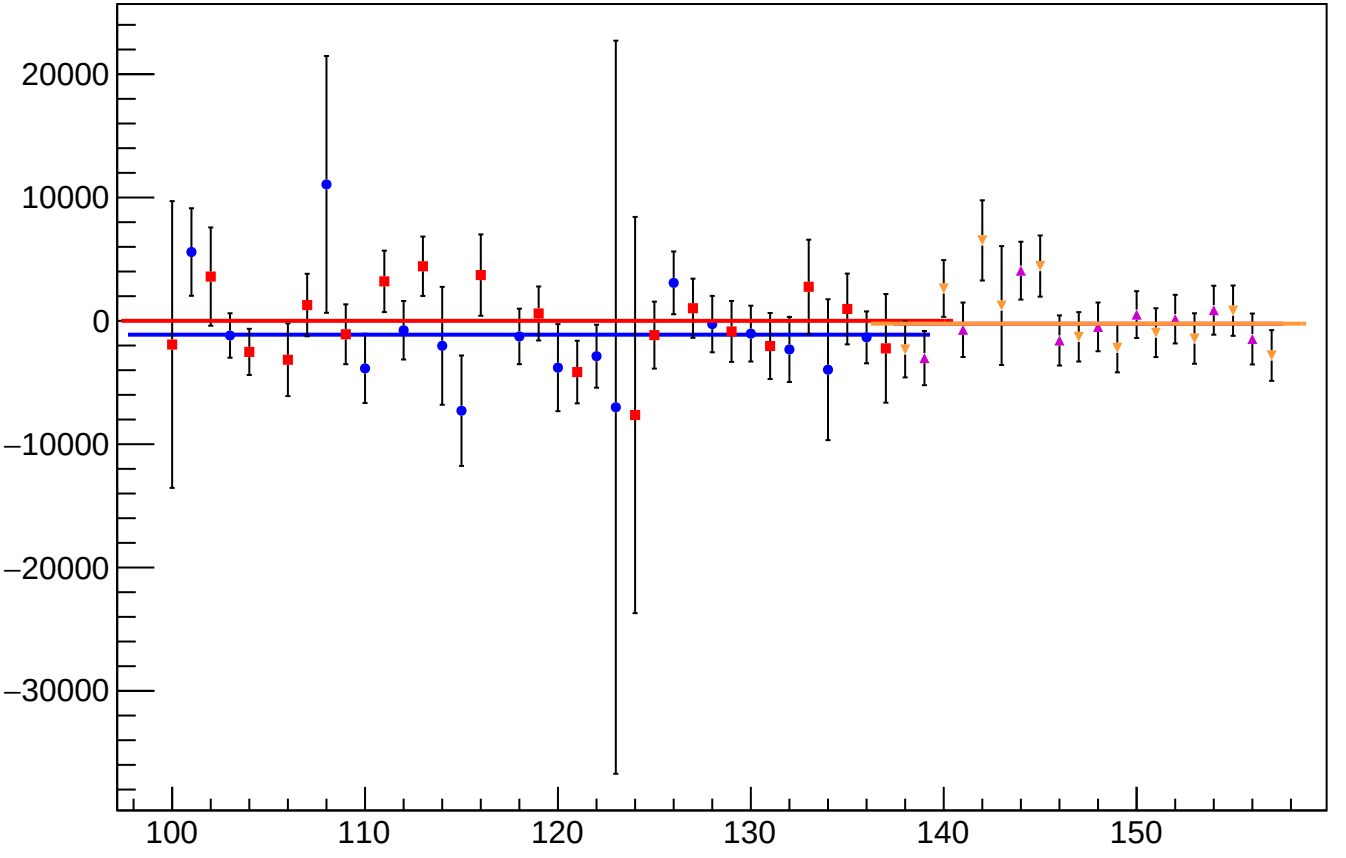
Right: 7329.673+/-1.432 χ^2/NDF: 1000940.7/35

In: 8215.407+/-1.580 χ^2/NDF:1124287.7/25

Out: 7790.431+/-1.462 χ^2/NDF:1600473.8/29

All: 7986.469+/-1.073 χ^2/NDF: 2763726.8/55

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -225.247+/-681.292 χ^2/NDF:13.9/10

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

Left In: -232.505+/-687.635 χ^2/NDF:6.3/8

Left: -228.842+/-483.973 χ^2/NDF: 20.2/19

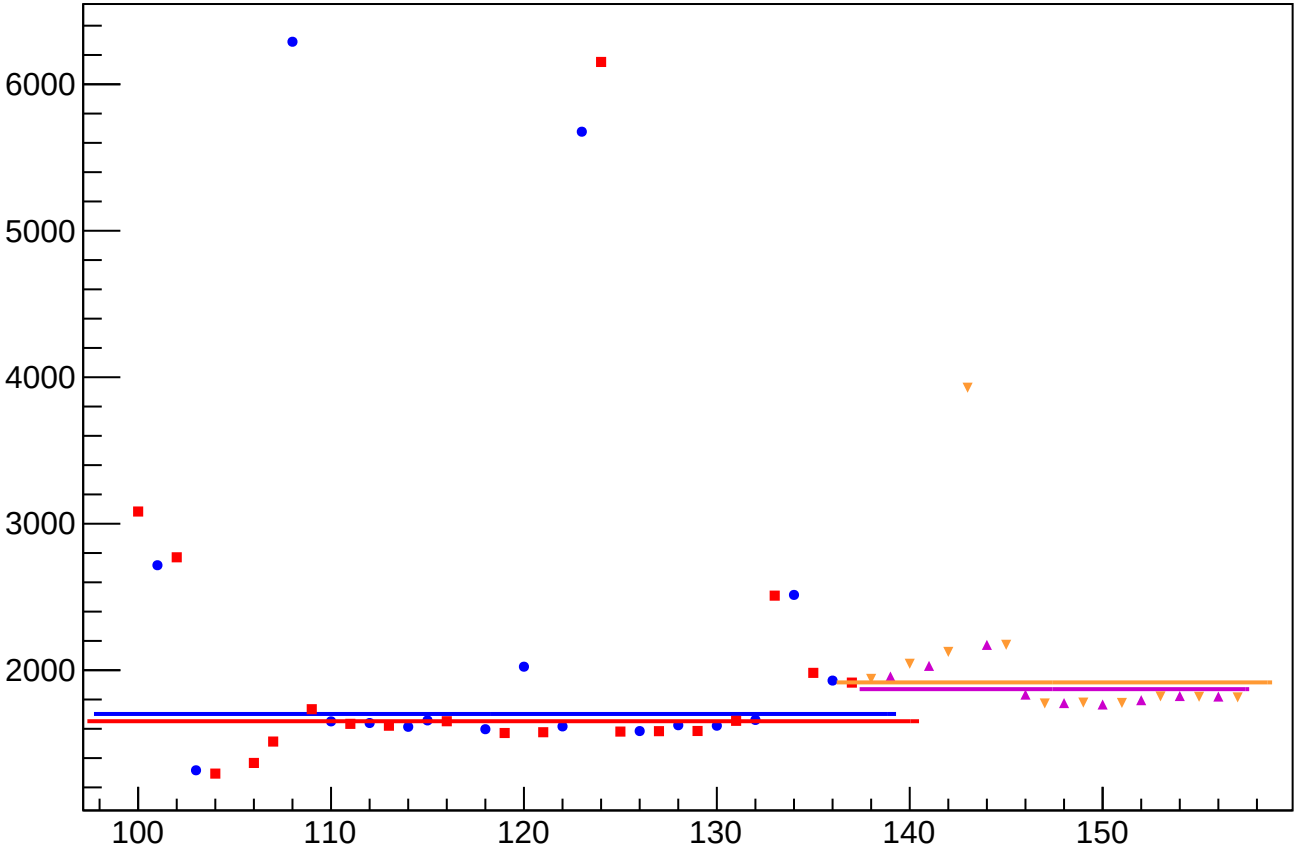
Right: -525.400+/-465.654 χ^2/NDF: 29.2/35

In: -682.006+/-483.208 χ^2/NDF:19.4/25

Out: -104.198+/-466.339 χ^2/NDF:29.4/29

All: -382.840+/-335.556 χ^2/NDF: 49.6/55

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1916.745+/-0.482 χ^2/NDF:428053.0/10

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

Left In: 1870.646+/-0.486 χ^2/NDF:63248.7/8

Left: 1893.909+/-0.342 χ^2/NDF: 495837.6/19

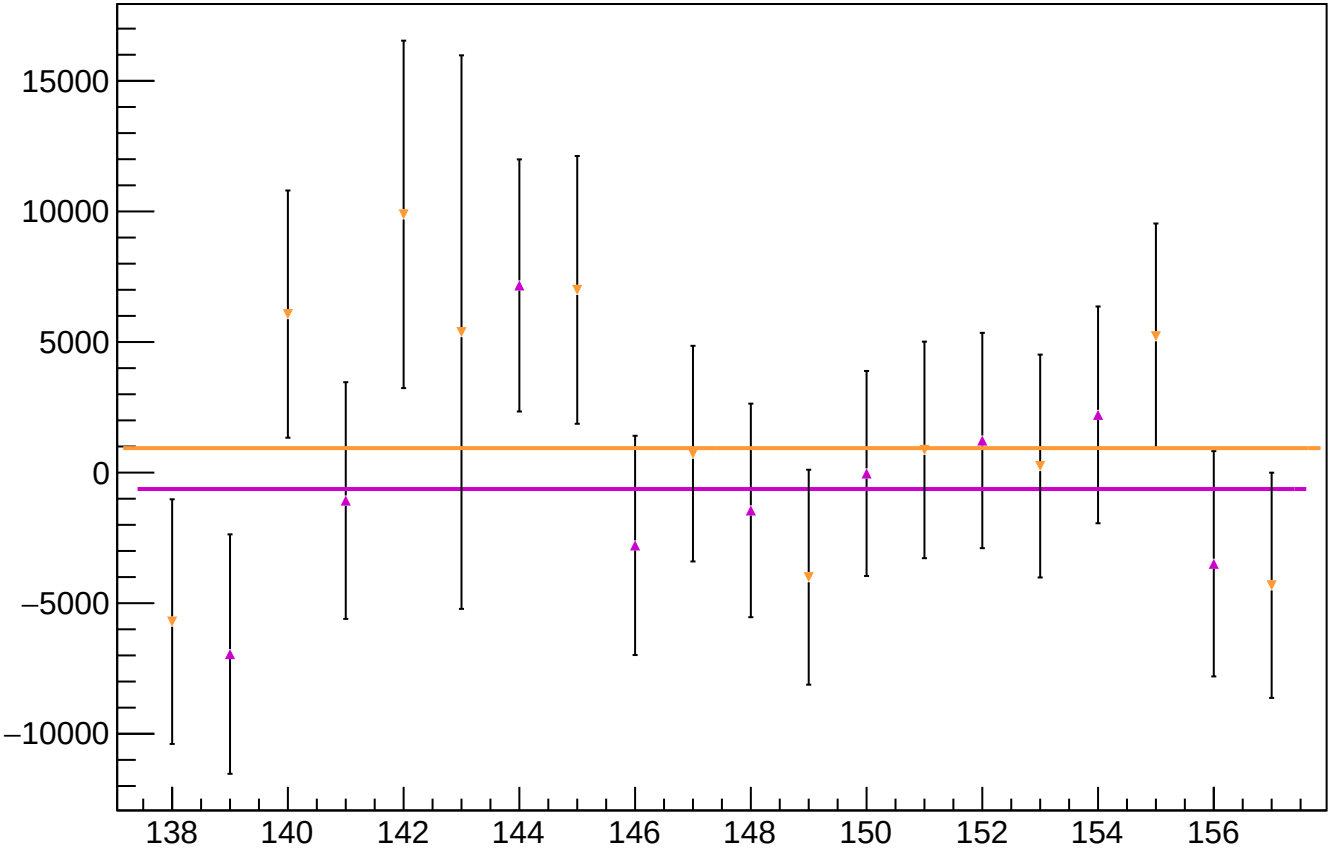
Right: 1675.026+/-0.329 χ^2/NDF: 1373201.9/35

In: 1784.914+/-0.342 χ^2/NDF:903382.8/25

Out: 1775.899+/-0.330 χ^2/NDF:1177727.2/29

All: 1780.247+/-0.237 χ^2/NDF: 2081470.5/55

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 937.678+/-1416.924 χ^2/NDF:10.5/10

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

Left In: -628.737+/-1426.591 χ^2/NDF:6.0/8

Left: 159.796+/-1005.317 χ^2/NDF: 17.1/19

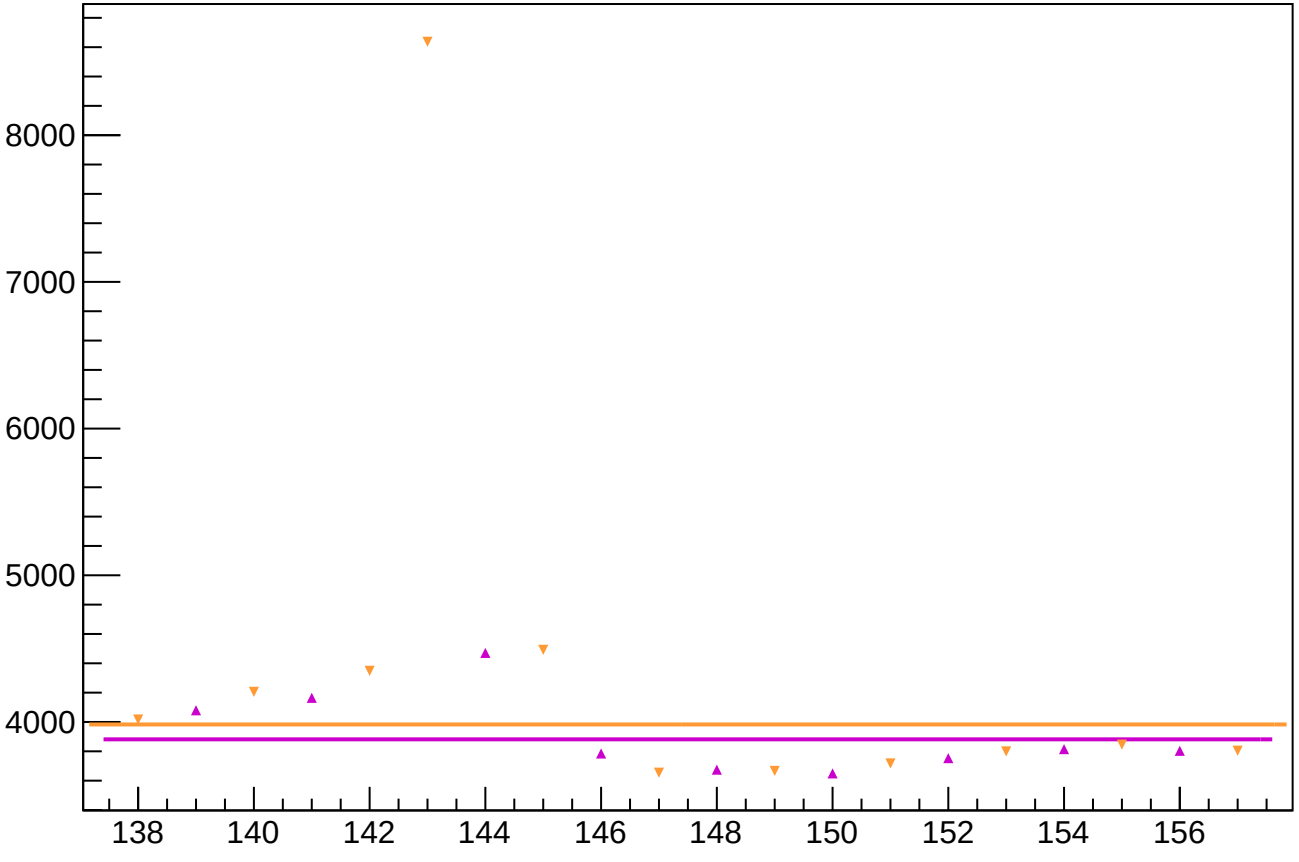
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -628.737+/-1426.591 χ^2/NDF:6.0/8

Out: 937.678+/-1416.924 χ^2/NDF:10.5/10

All: 159.796+/-1005.317 χ^2/NDF: 17.1/19

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3983.042+/-1.002 χ^2/NDF:457826.7/10

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

Left In: 3881.655+/-1.009 χ^2/NDF:57620.1/8

Left: 3932.693+/-0.711 χ^2/NDF: 520531.9/19

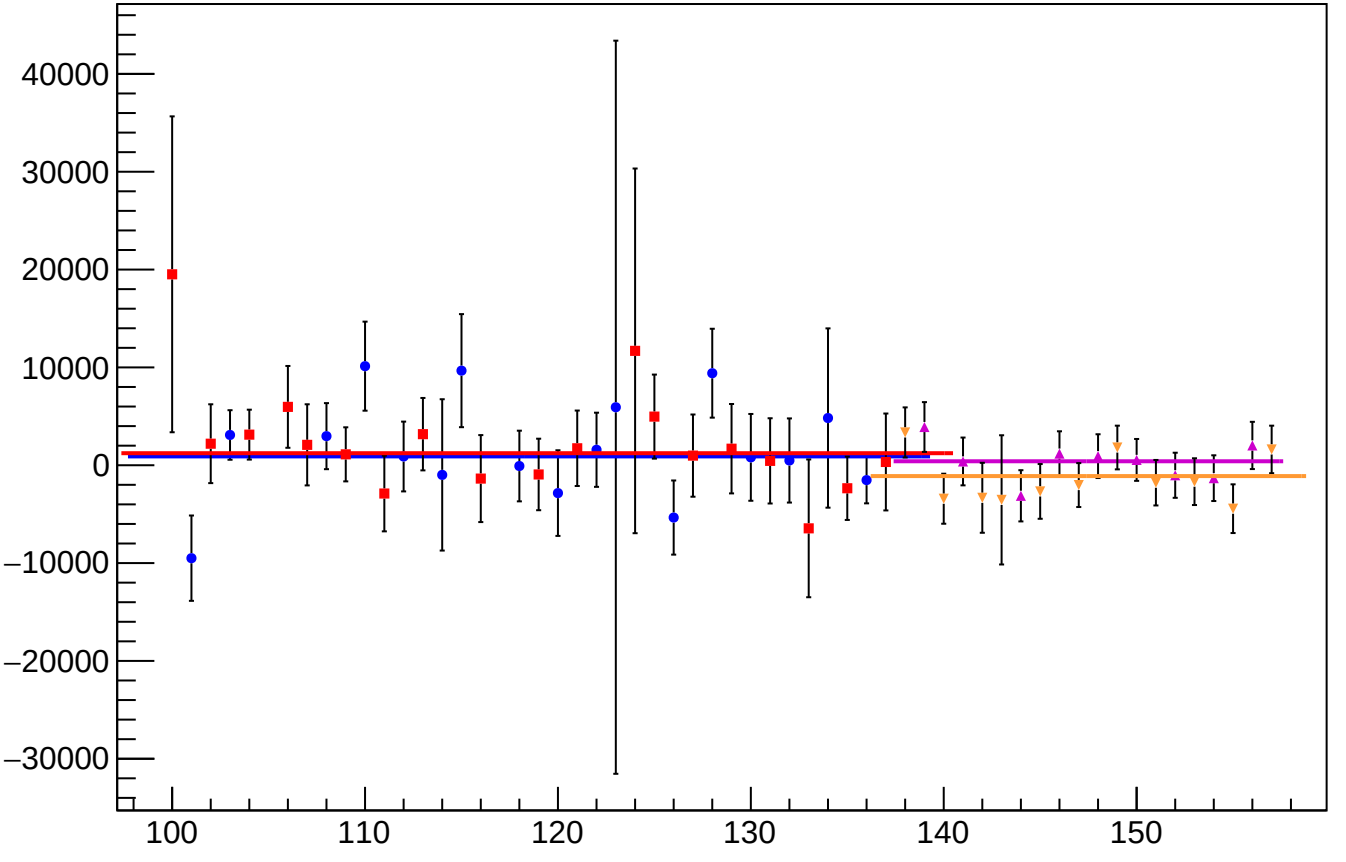
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3881.655+/-1.009 χ^2/NDF:57620.1/8

Out: 3983.042+/-1.002 χ^2/NDF:457826.7/10

All: 3932.693+/-0.711 χ^2/NDF: 520531.9/19

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1108.104+/-784.621 χ^2/NDF:9.8/10

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

Left In: 406.069+/-785.373 χ^2/NDF:5.3/8

Left: -351.743+/-555.076 χ^2/NDF: 16.9/19

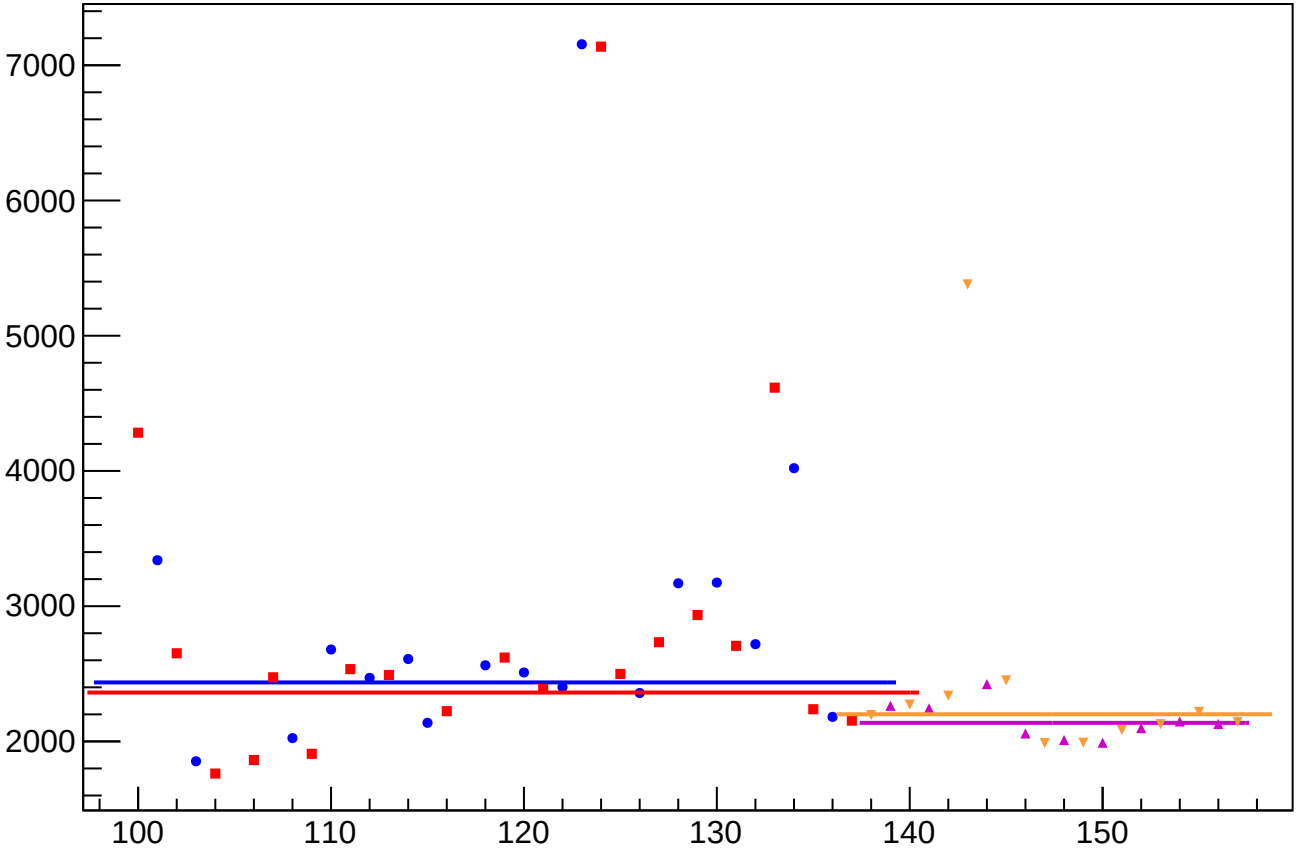
Right: 1073.549+/-666.754 χ^2/NDF: 30.6/35

In: 604.942+/-608.356 χ^2/NDF:27.0/25

Out: -129.363+/-598.361 χ^2/NDF:22.4/29

All: 231.708+/-426.595 χ^2/NDF: 50.2/55

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2200.890+/-0.555 χ^2/NDF:527871.6/10

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

Left In: 2137.334+/-0.555 χ^2/NDF:51572.7/8

Left: 2169.143+/-0.392 χ^2/NDF: 585999.3/19

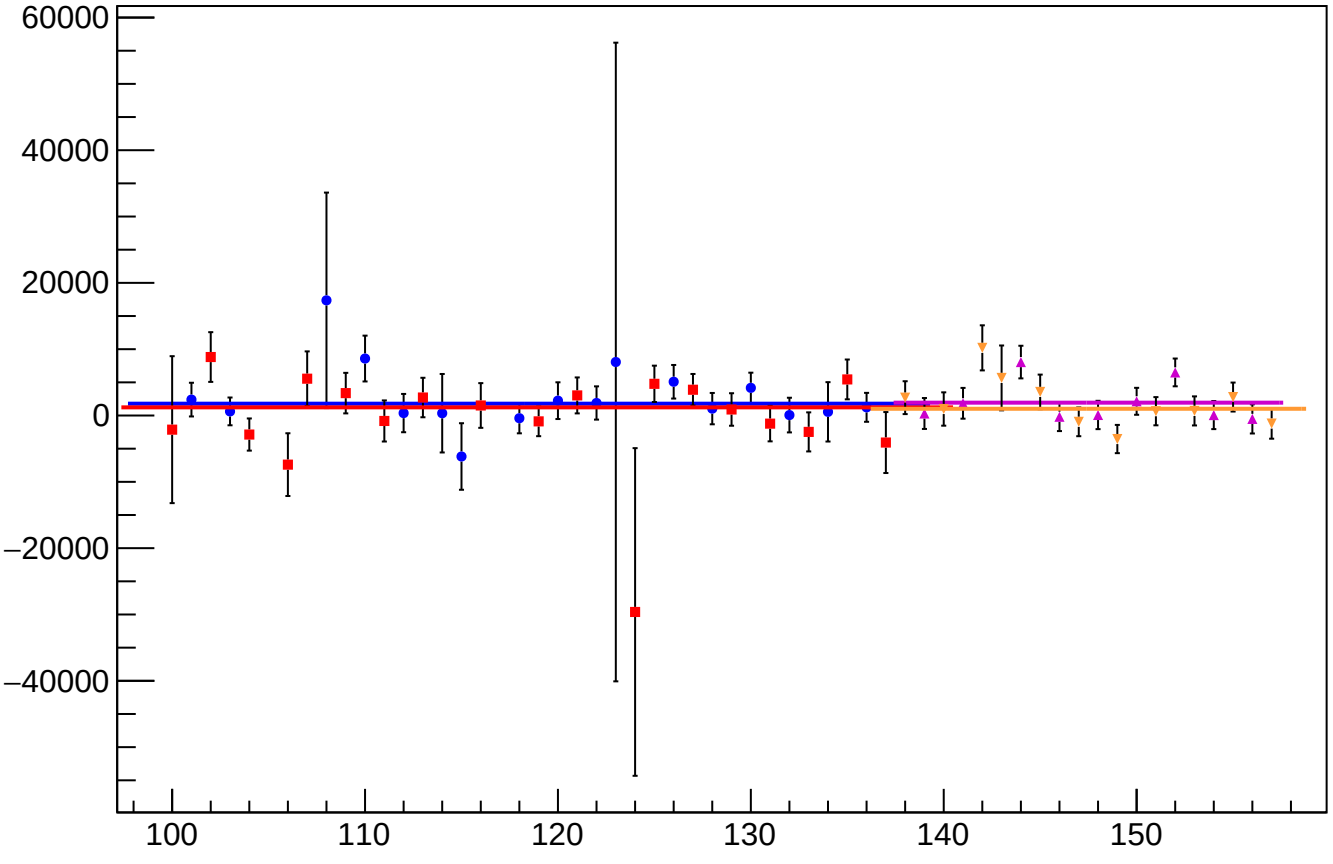
Right: 2397.448+/-0.471 χ^2/NDF: 1130664.2/35

In: 2256.898+/-0.430 χ^2/NDF:636012.3/25

Out: 2268.118+/-0.423 χ^2/NDF:1218808.0/29

All: 2262.601+/-0.302 χ^2/NDF: 1855166.0/55

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1016.531+/-733.071 χ^2/NDF:16.7/10

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

Left In: 1937.362+/-731.477 χ^2/NDF:15.2/8

Left: 1477.949+/-517.795 χ^2/NDF: 32.7/19

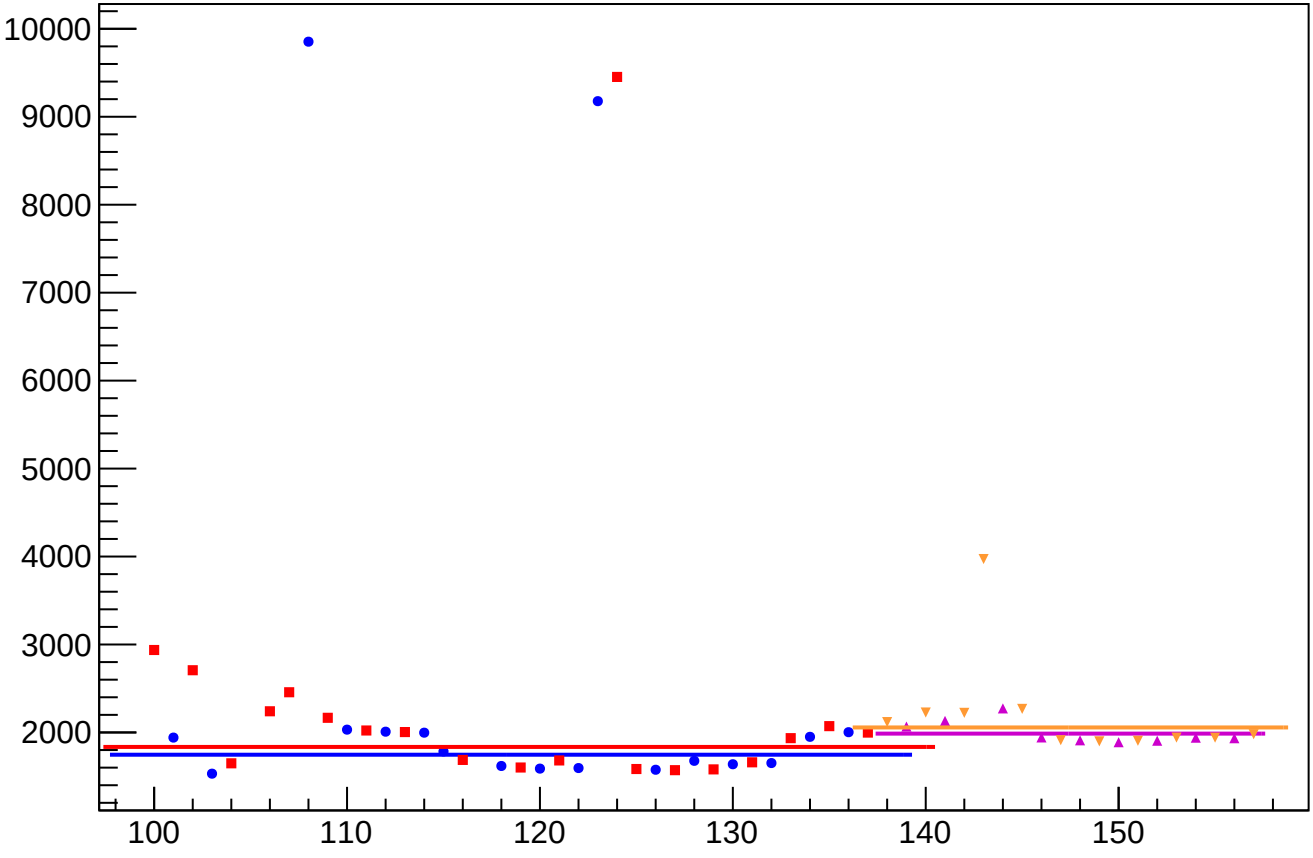
Right: 1511.828+/-495.804 χ^2/NDF: 37.0/35

In: 1856.436+/-503.614 χ^2/NDF:27.6/25

Out: 1126.591+/-509.318 χ^2/NDF:41.0/29

All: 1495.623+/-358.108 χ^2/NDF: 69.6/55

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2056.890+/-0.518 χ^2/NDF:378494.7/10

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

Left In: 1986.744+/-0.517 χ^2/NDF:50327.8/8

Left: 2021.741+/-0.366 χ^2/NDF: 437998.7/19

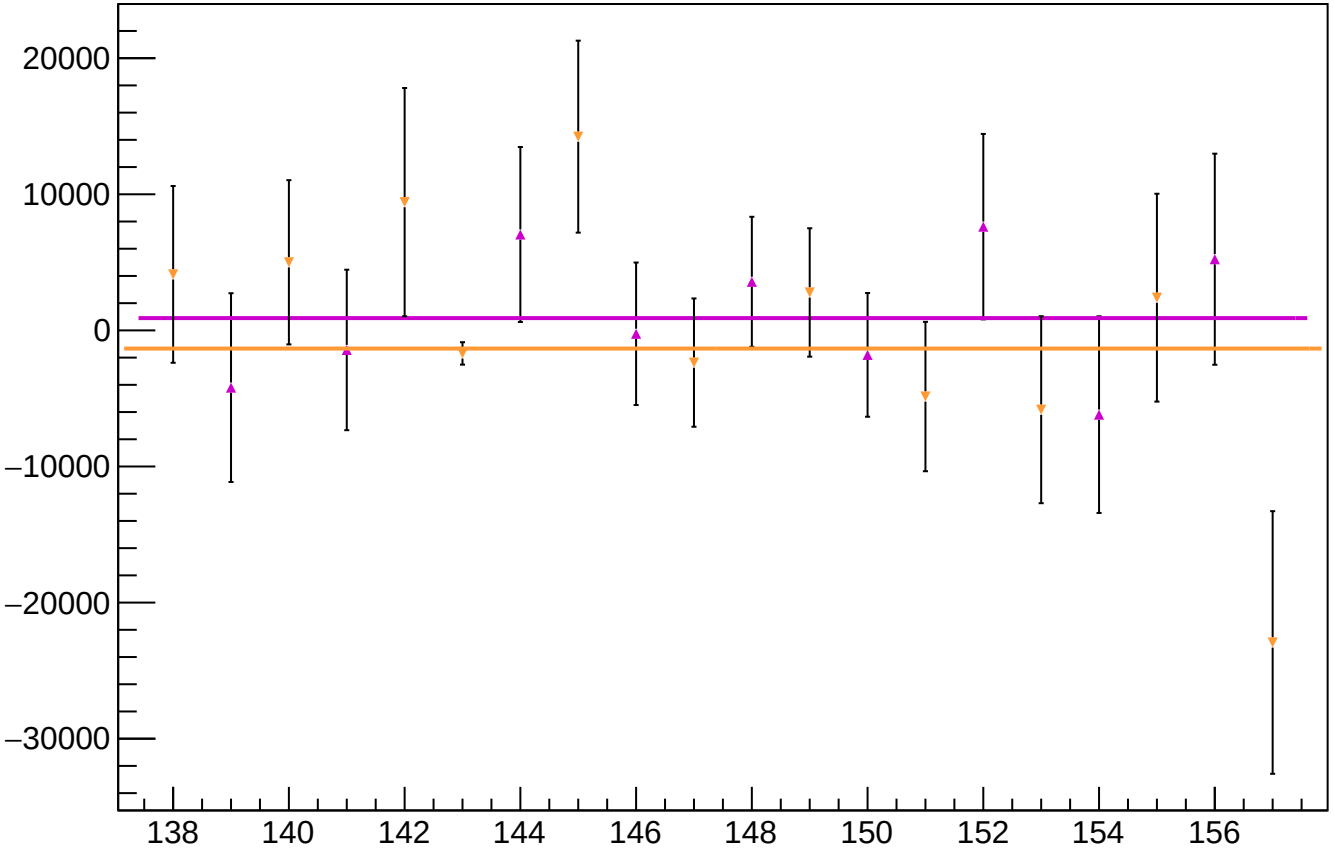
Right: 1790.310+/-0.350 χ^2/NDF: 1248859.1/35

In: 1860.556+/-0.356 χ^2/NDF:845971.1/25

Out: 1942.190+/-0.360 χ^2/NDF:1023441.3/29

All: 1900.939+/-0.253 χ^2/NDF: 1895407.6/55

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1333.862+/-760.415 χ^2/NDF:15.4/10

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

Left In: 902.983+/-1961.940 χ^2/NDF:4.6/8

Left: -1041.726+/-709.022 χ^2/NDF: 21.1/19

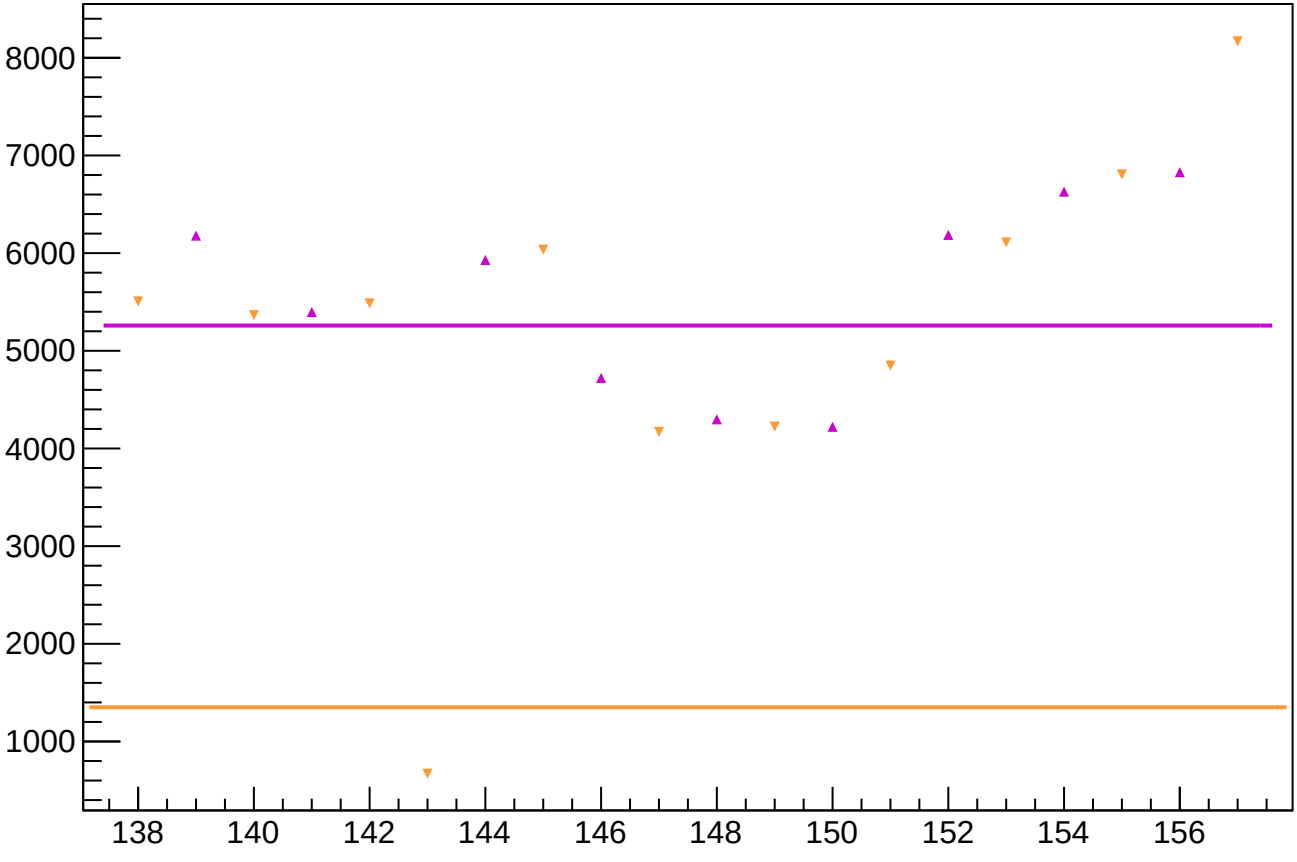
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 902.983+/-1961.940 χ^2/NDF:4.6/8

Out: -1333.862+/-760.415 χ^2/NDF:15.4/10

All: -1041.726+/-709.022 χ^2/NDF: 21.1/19

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1350.276+/-0.538 χ^2/NDF:9685590.7/10

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

Left In: 5258.769+/-1.387 χ^2/NDF:454986.0/8

Left: 1860.731+/-0.501 χ^2/NDF: 17041324.6/19

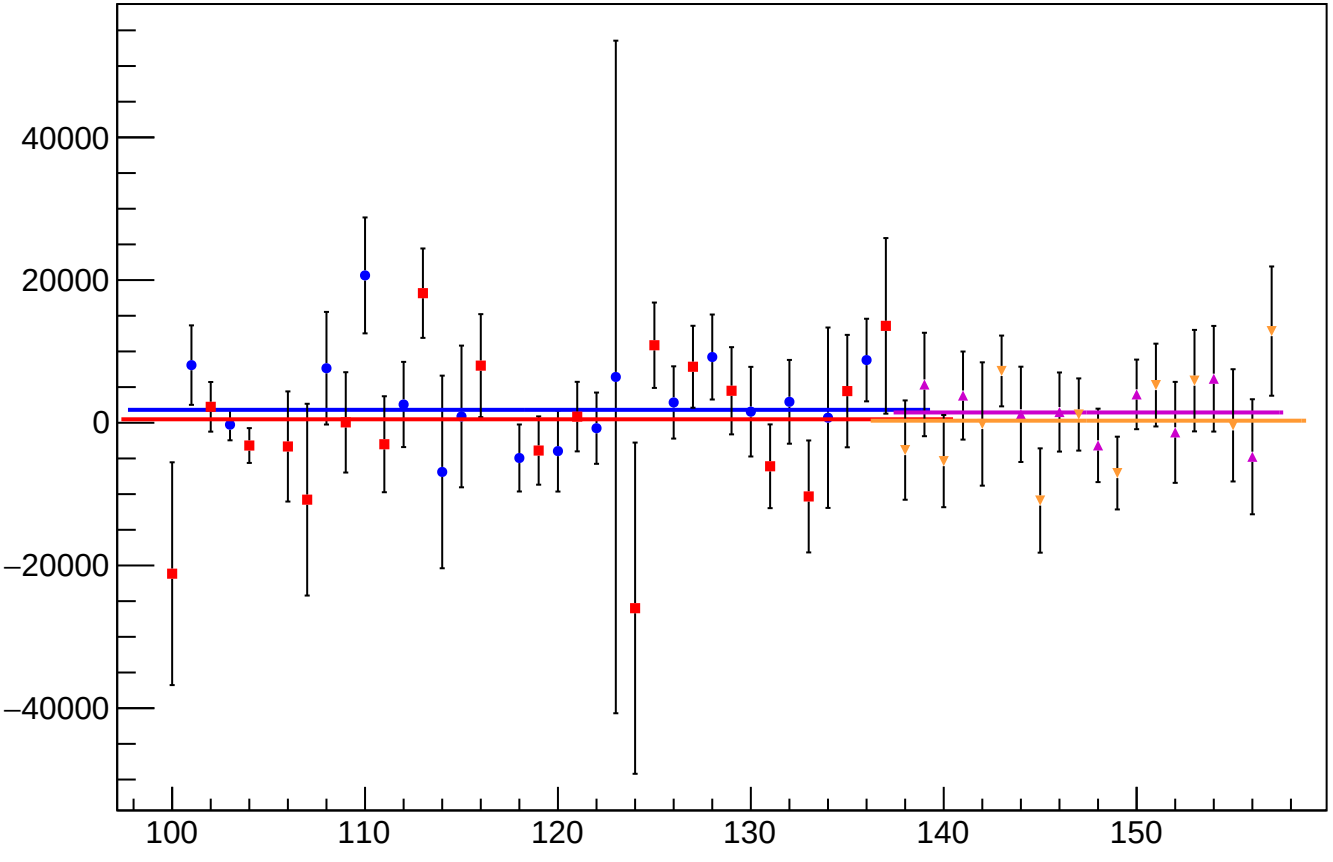
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5258.769+/-1.387 χ^2/NDF:454986.0/8

Out: 1350.276+/-0.538 χ^2/NDF:9685590.7/10

All: 1860.731+/-0.501 χ^2/NDF: 17041324.6/1

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 293.884+/-1914.952 χ^2/NDF:10.8/10

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

Left In: 1446.373+/-2068.798 χ^2/NDF:2.7/8

Left: 825.687+/-1405.320 χ^2/NDF: 13.7/19

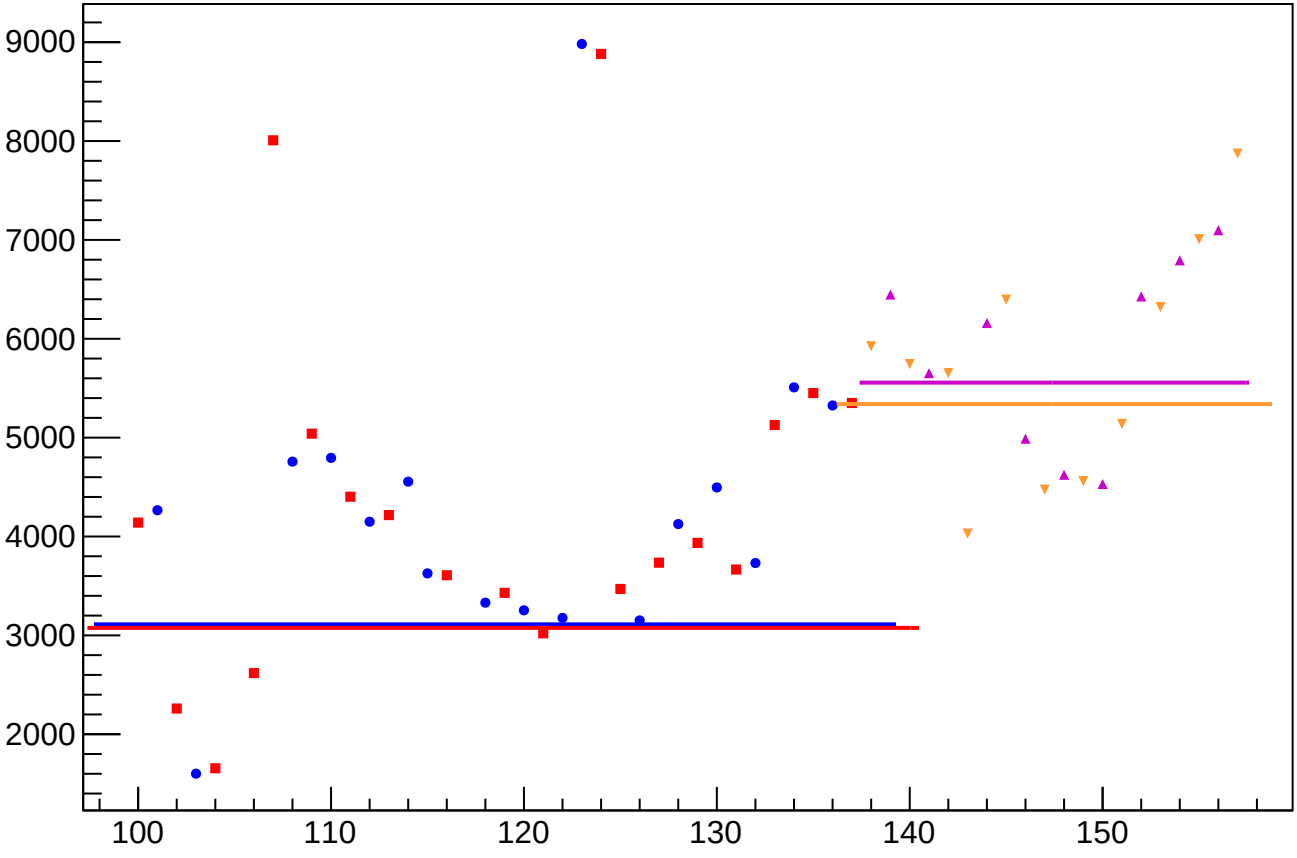
Right: 1143.505+/-914.731 χ^2/NDF: 42.0/35

In: 1709.971+/-1101.516 χ^2/NDF:17.7/25

Out: 427.909+/-1067.643 χ^2/NDF:37.3/29

All: 1048.924+/-766.633 χ^2/NDF: 55.7/55

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5339.597+/-1.354 χ^2/NDF:598082.8/10

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

Left In: 5556.404+/-1.463 χ^2/NDF:381168.1/8

Left: 5439.640+/-0.994 χ^2/NDF: 991080.6/19

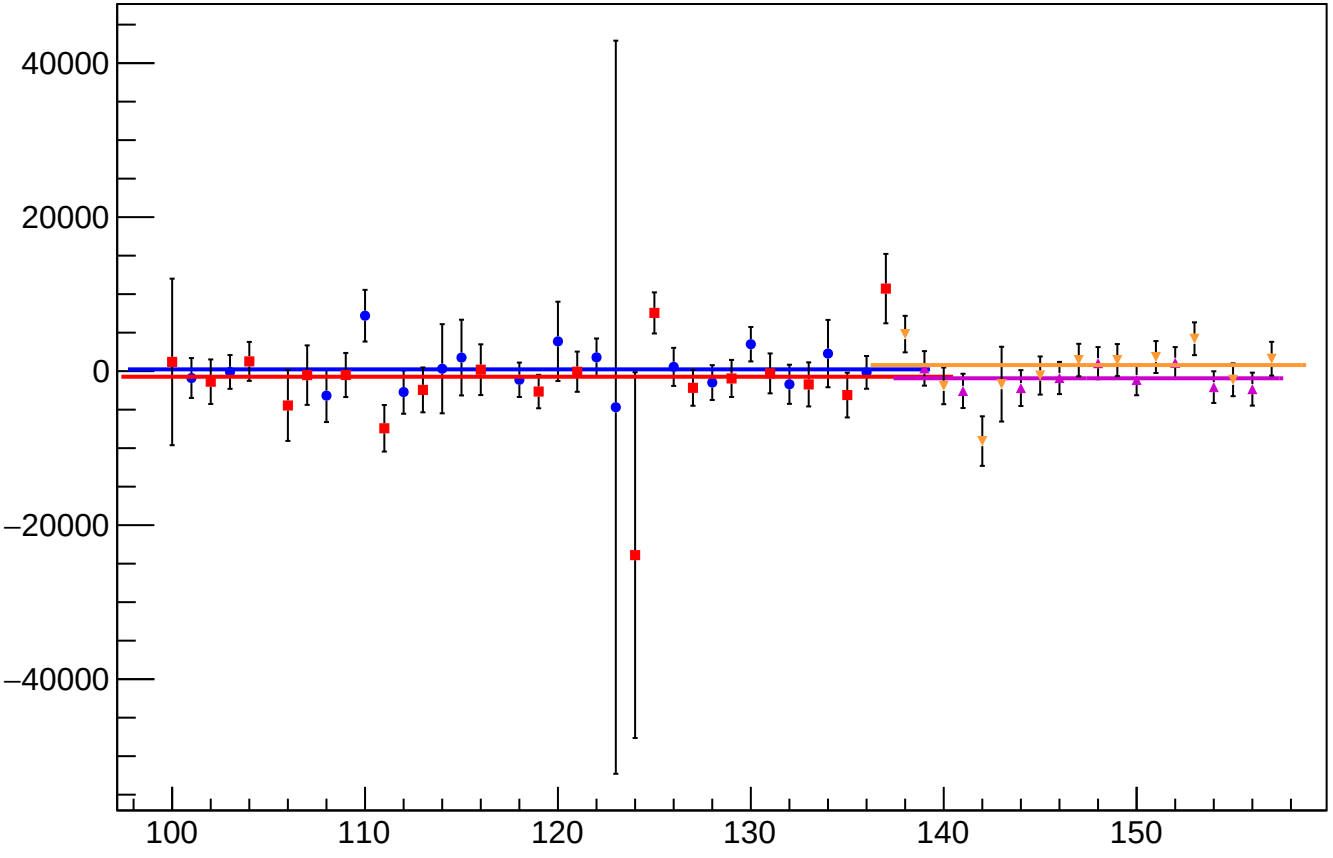
Right: 3093.209+/-0.642 χ^2/NDF: 3889323.9/35

In: 3804.656+/-0.779 χ^2/NDF:4261479.7/25

Out: 3765.415+/-0.747 χ^2/NDF:4551238.8/29

All: 3784.226+/-0.539 χ^2/NDF: 8814040.0/55

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 789.892+/-708.491 χ^2/NDF:18.1/10

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

Left In: -928.232+/-708.443 χ^2/NDF:3.8/8

Left: -69.228+/-500.962 χ^2/NDF: 24.8/19

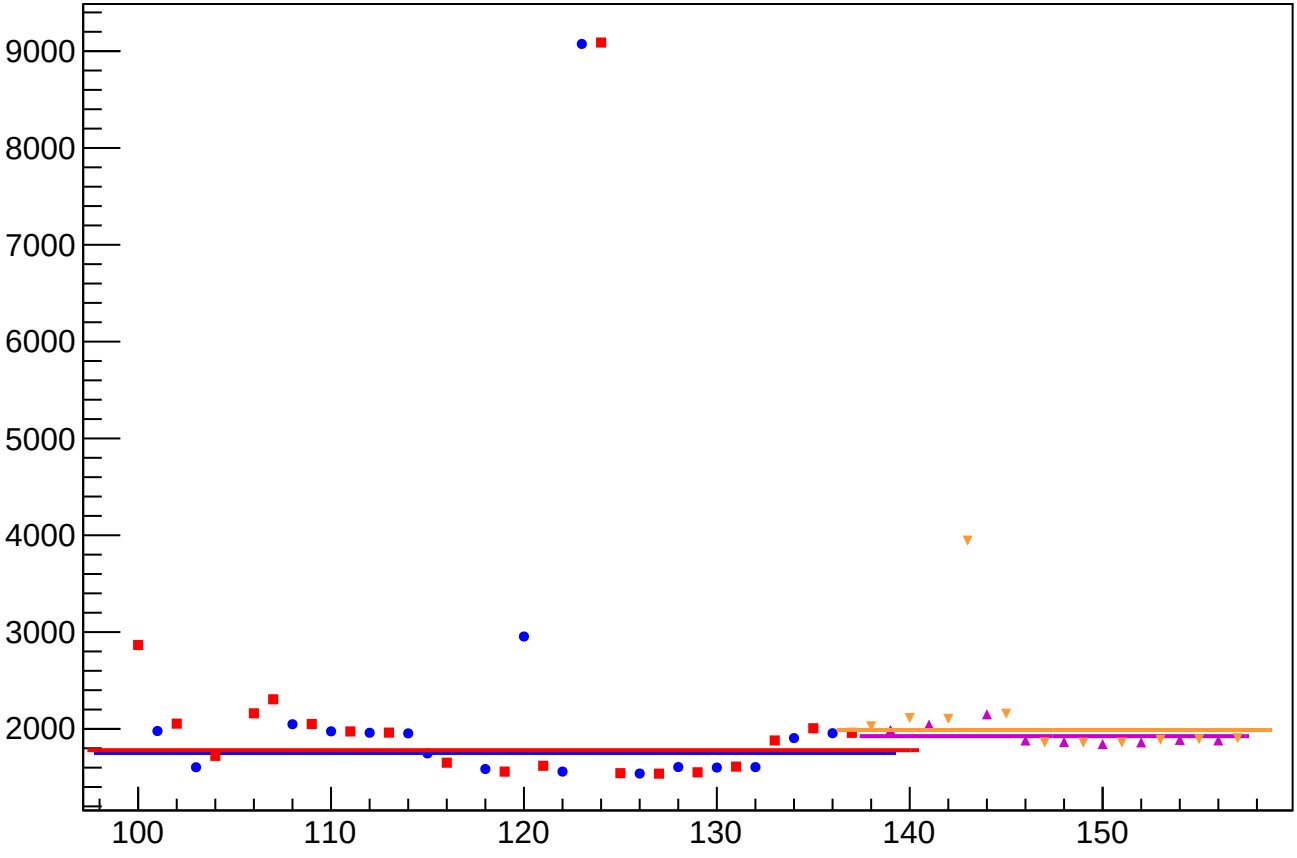
Right: -248.748+/-484.705 χ^2/NDF: 38.3/35

In: -329.944+/-493.110 χ^2/NDF:16.7/25

Out: 5.399+/-492.157 χ^2/NDF:46.3/29

All: -161.948+/-348.344 χ^2/NDF: 63.2/55

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1988.694+/-0.501 χ^2/NDF:376749.8/10

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

Left In: 1925.367+/-0.501 χ^2/NDF:35847.7/8

Left: 1957.028+/-0.354 χ^2/NDF: 420587.2/19

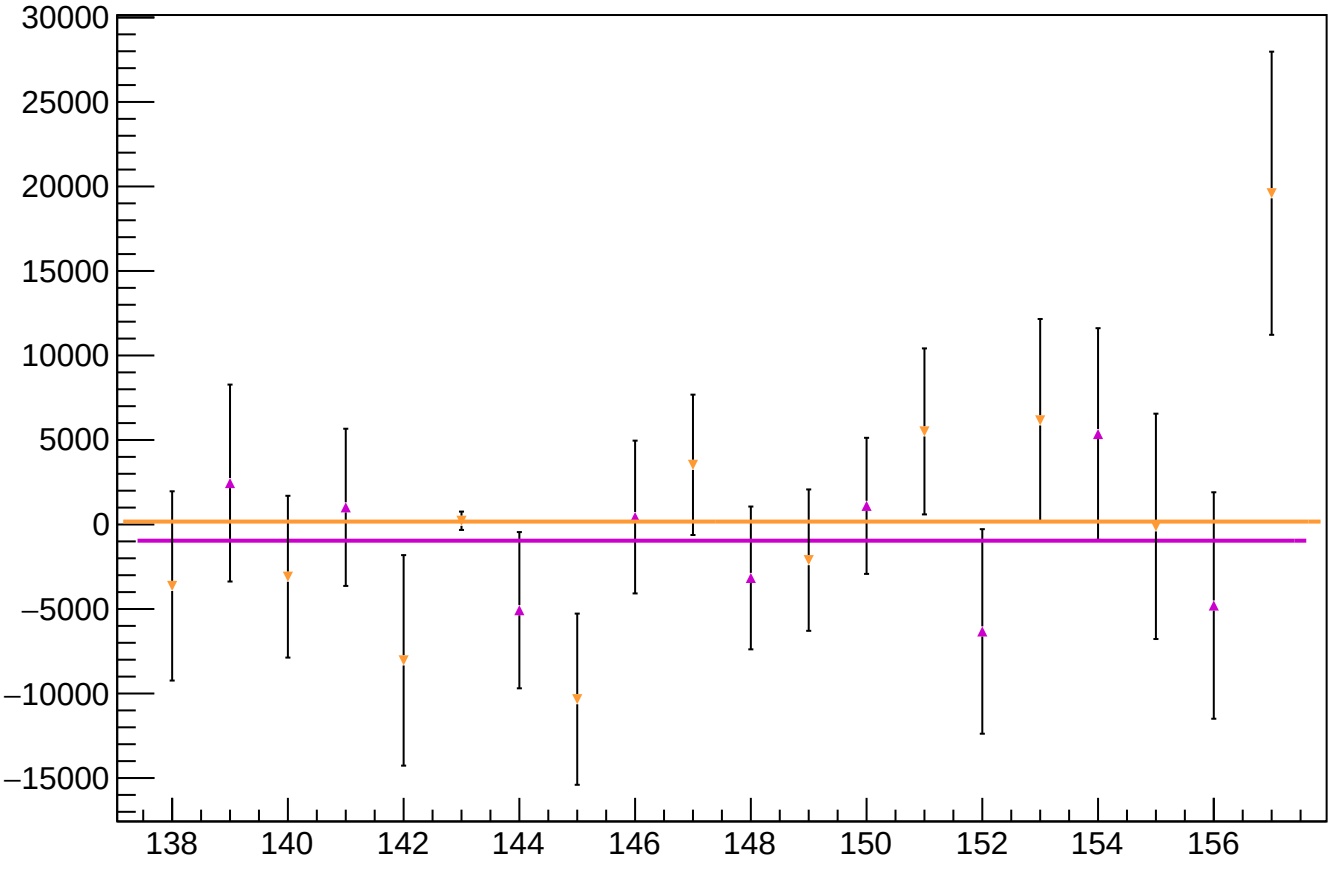
Right: 1766.106+/-0.342 χ^2/NDF: 730940.0/35

In: 1835.916+/-0.349 χ^2/NDF:398597.3/25

Out: 1880.647+/-0.348 χ^2/NDF:894830.0/29

All: 1858.343+/-0.246 χ^2/NDF: 1301678.6/55

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 172.367+/-516.124 χ^2/NDF:15.5/10

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

Left In: -957.649+/-1656.826 χ^2/NDF:4.1/8

Left: 72.410+/-492.768 χ^2/NDF: 20.0/19

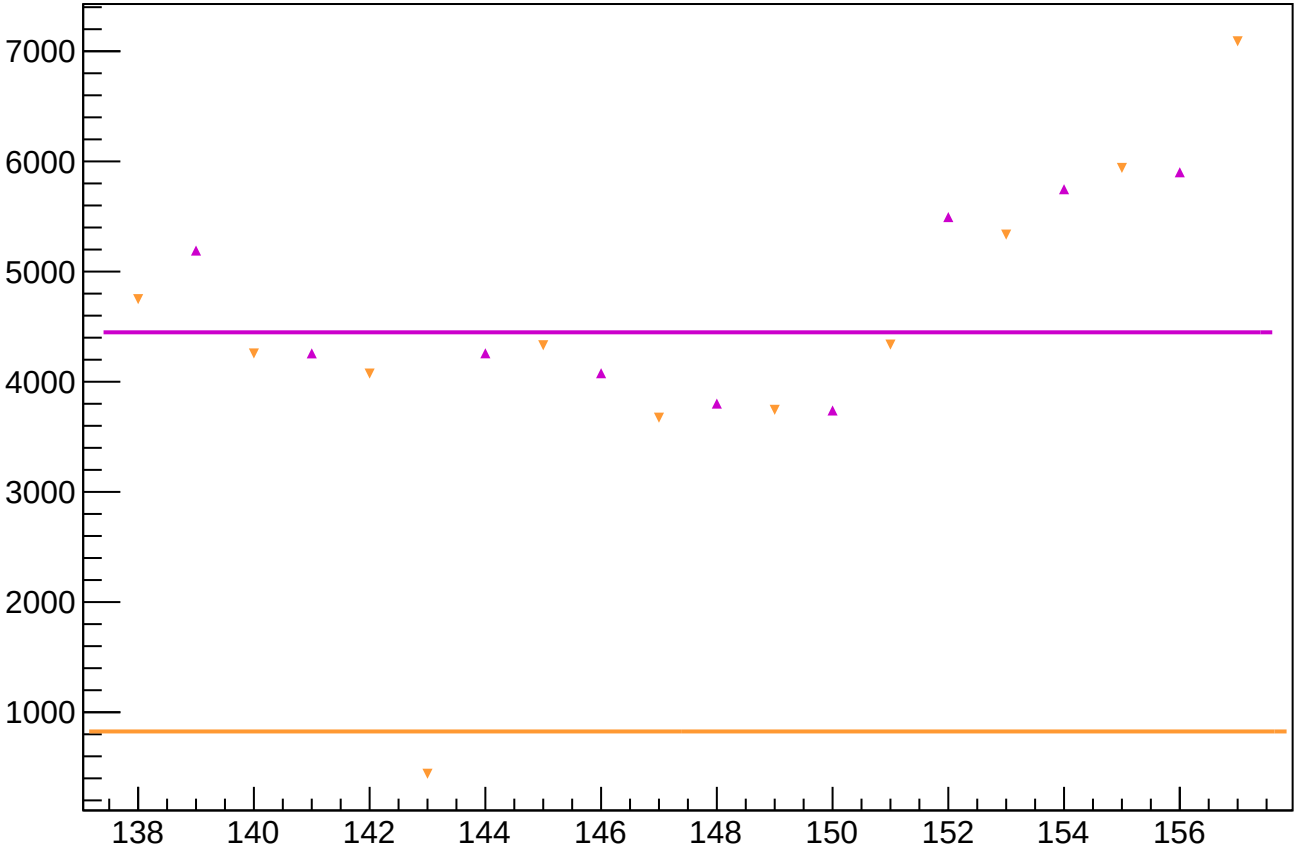
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -957.649+/-1656.826 χ^2/NDF:4.1/8

Out: 172.367+/-516.124 χ^2/NDF:15.5/10

All: 72.410+/-492.768 χ^2/NDF: 20.0/19

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 825.687+/-0.365 χ^2/NDF:10876702.2/10

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

Left In: 4448.650+/-1.172 χ^2/NDF:401551.8/8

Left: 1146.162+/-0.348 χ^2/NDF: 19995535.8/19

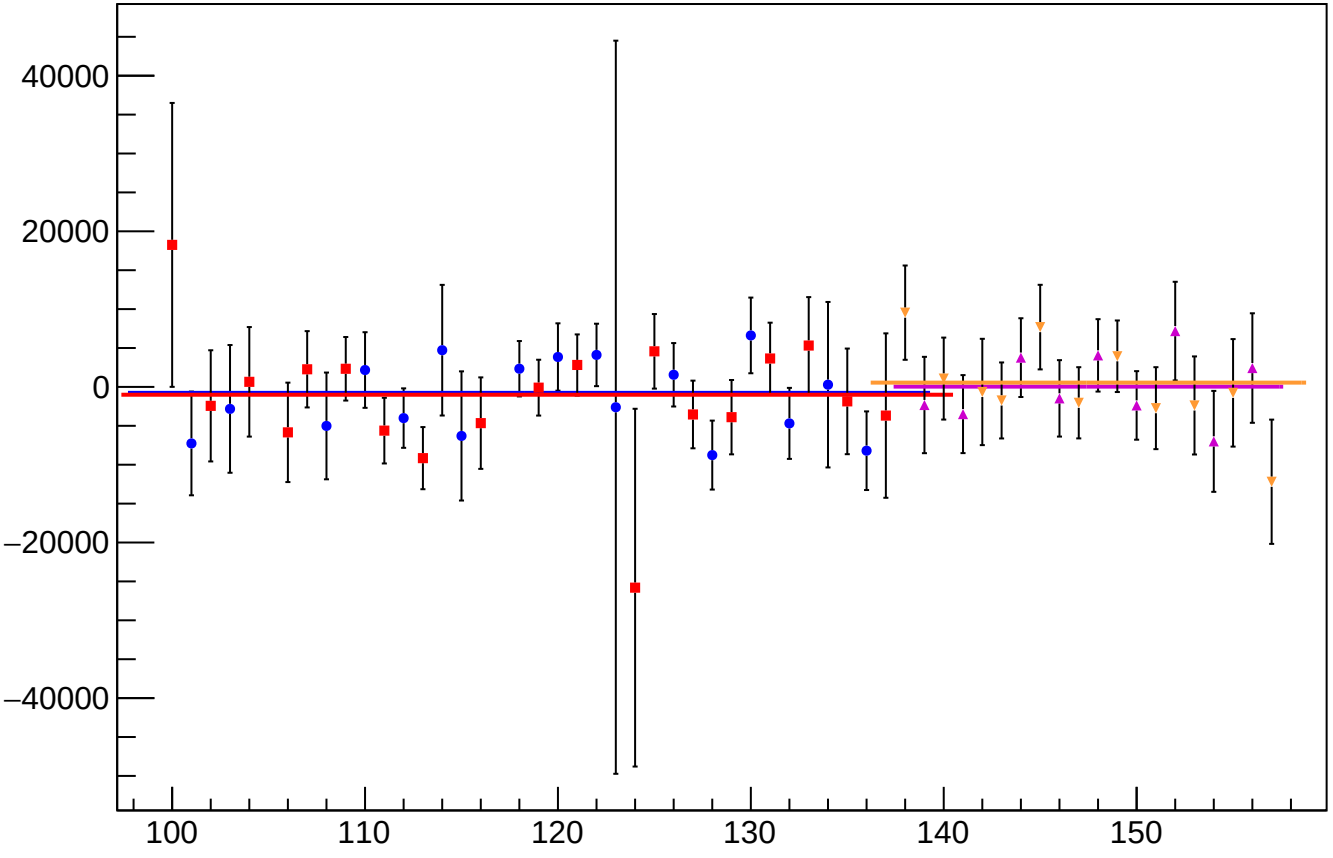
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4448.650+/-1.172 χ^2/NDF:401551.8/8

Out: 825.687+/-0.365 χ^2/NDF:10876702.2/10

All: 1146.162+/-0.348 χ^2/NDF: 19995535.8/1

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 551.757+/-1682.334 χ^2/NDF:8.2/10

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

Left In: 38.358+/-1787.717 χ^2/NDF:4.9/8

Left: 310.634+/-1225.152 χ^2/NDF: 13.2/19

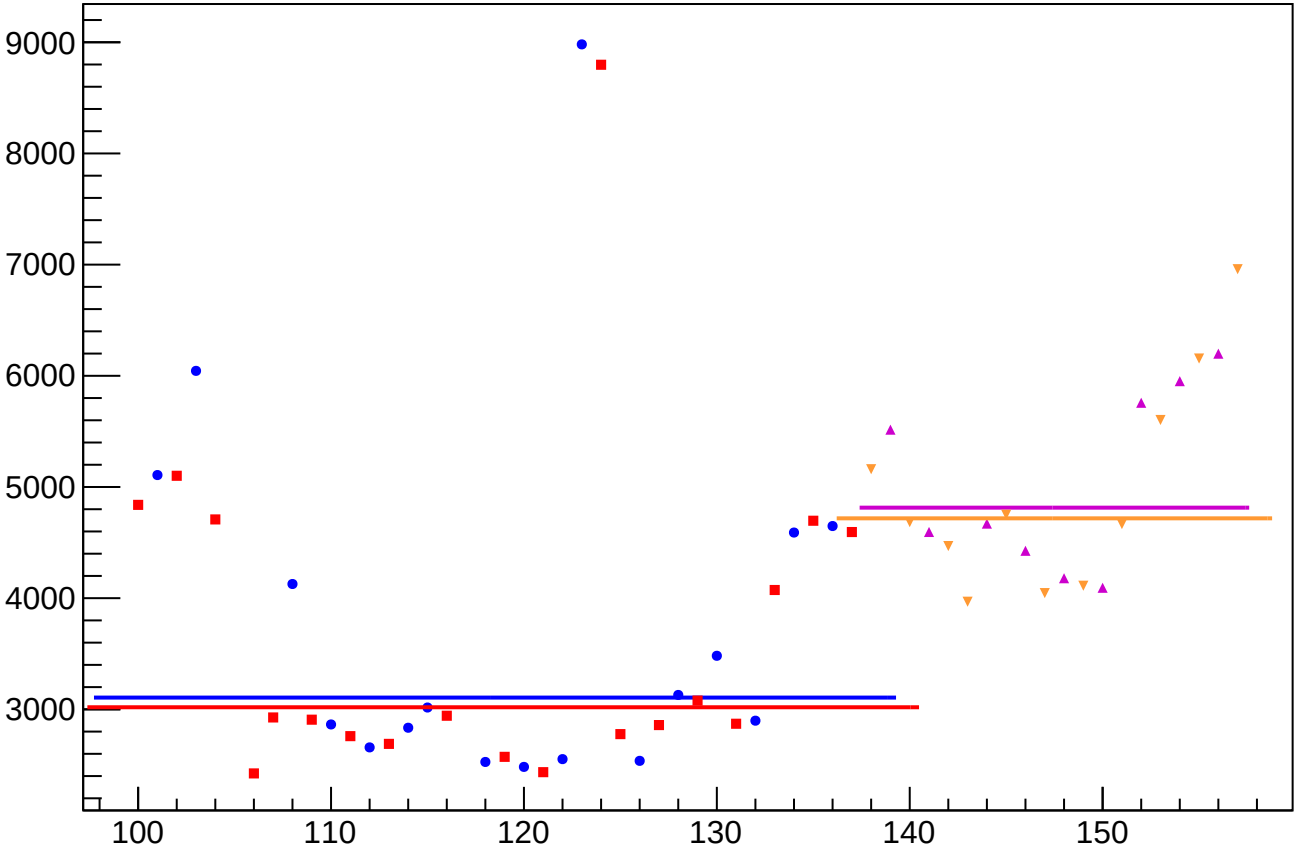
Right: -890.508+/-861.557 χ^2/NDF: 30.6/35

In: -501.929+/-1023.152 χ^2/NDF:20.5/25

Out: -485.055+/-972.126 χ^2/NDF:23.8/29

All: -493.061+/-704.746 χ^2/NDF: 44.4/55

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4718.030+/-1.190 χ^2/NDF:422133.8/10

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

Left In: 4814.082+/-1.264 χ^2/NDF:317580.3/8

Left: 4763.142+/-0.866 χ^2/NDF: 742776.1/19

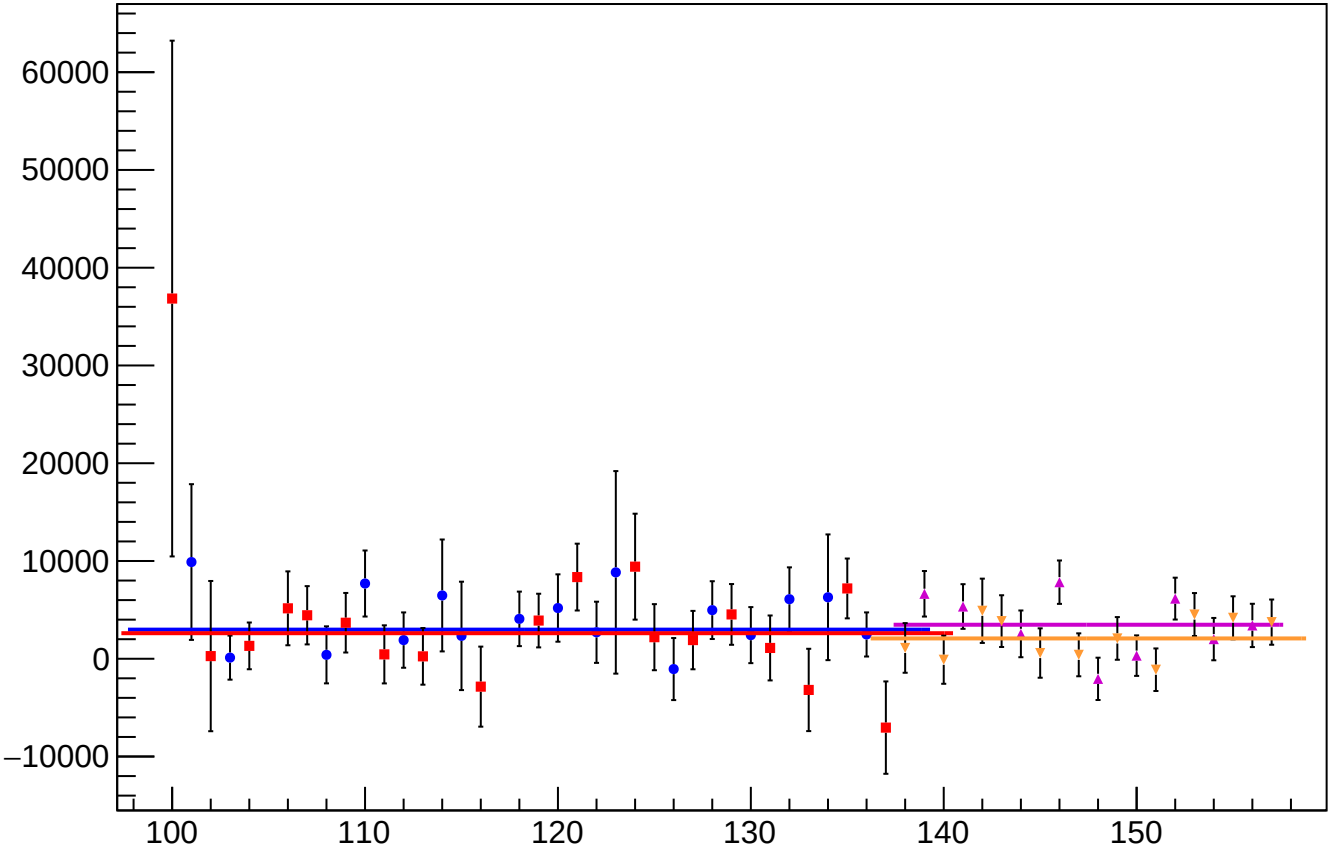
Right: 3059.752+/-0.605 χ^2/NDF: 1759257.8/35

In: 3665.384+/-0.723 χ^2/NDF:2505368.9/25

Out: 3576.733+/-0.682 χ^2/NDF:2586853.1/29

All: 3618.423+/-0.496 χ^2/NDF: 5100175.8/55

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 2078.876+/-717.663 χ^2/NDF:7.9/10

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

Left In: 3478.810+/-738.051 χ^2/NDF:17.4/8

Left: 2759.240+/-514.521 χ^2/NDF: 27.1/19

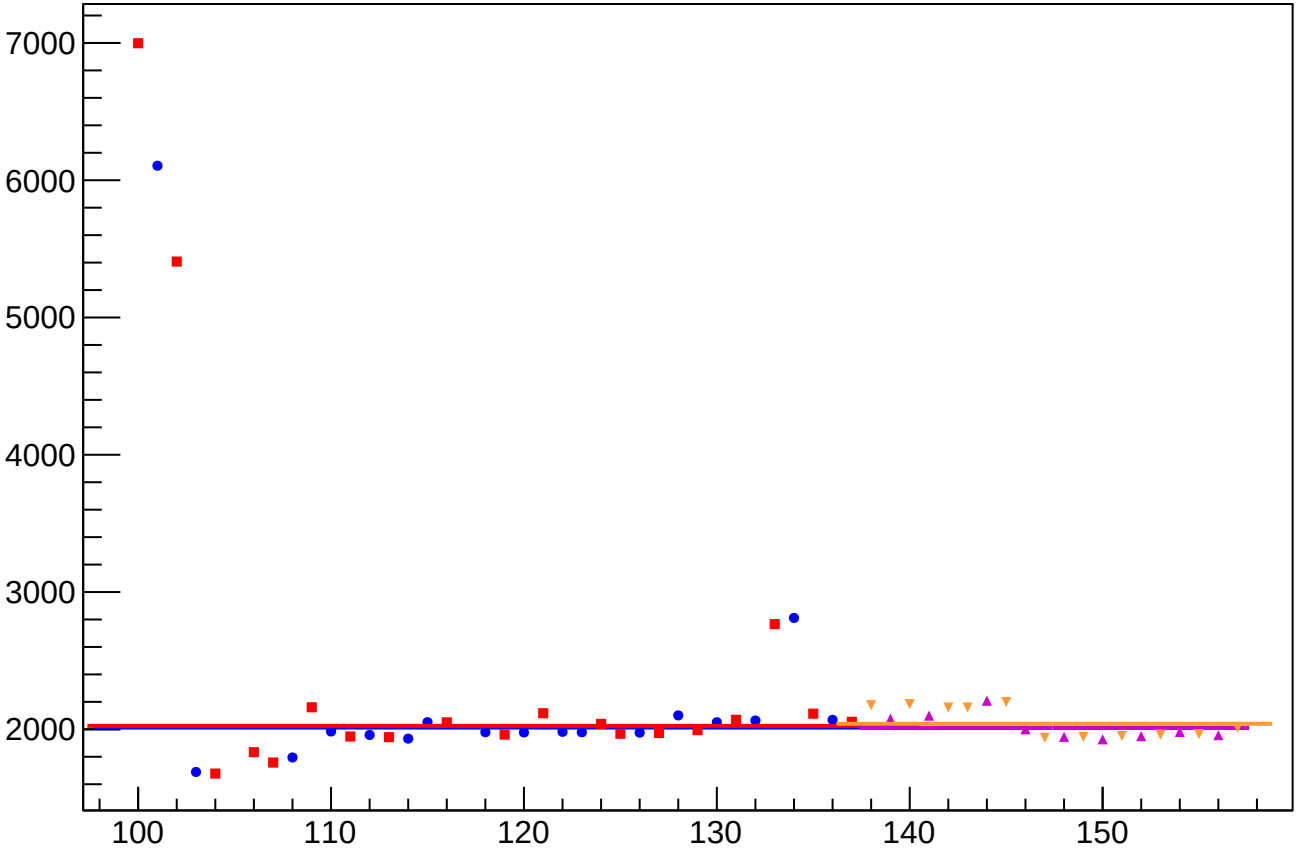
Right: 2793.353+/-558.079 χ^2/NDF: 29.6/35

In: 3247.314+/-541.020 χ^2/NDF:27.5/25

Out: 2323.052+/-529.128 χ^2/NDF:27.7/29

All: 2774.913+/-378.284 χ^2/NDF: 56.7/55

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2040.359+/-0.507 χ^2/NDF:43524.9/10

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

Left In: 2009.638+/-0.522 χ^2/NDF:26619.4/8

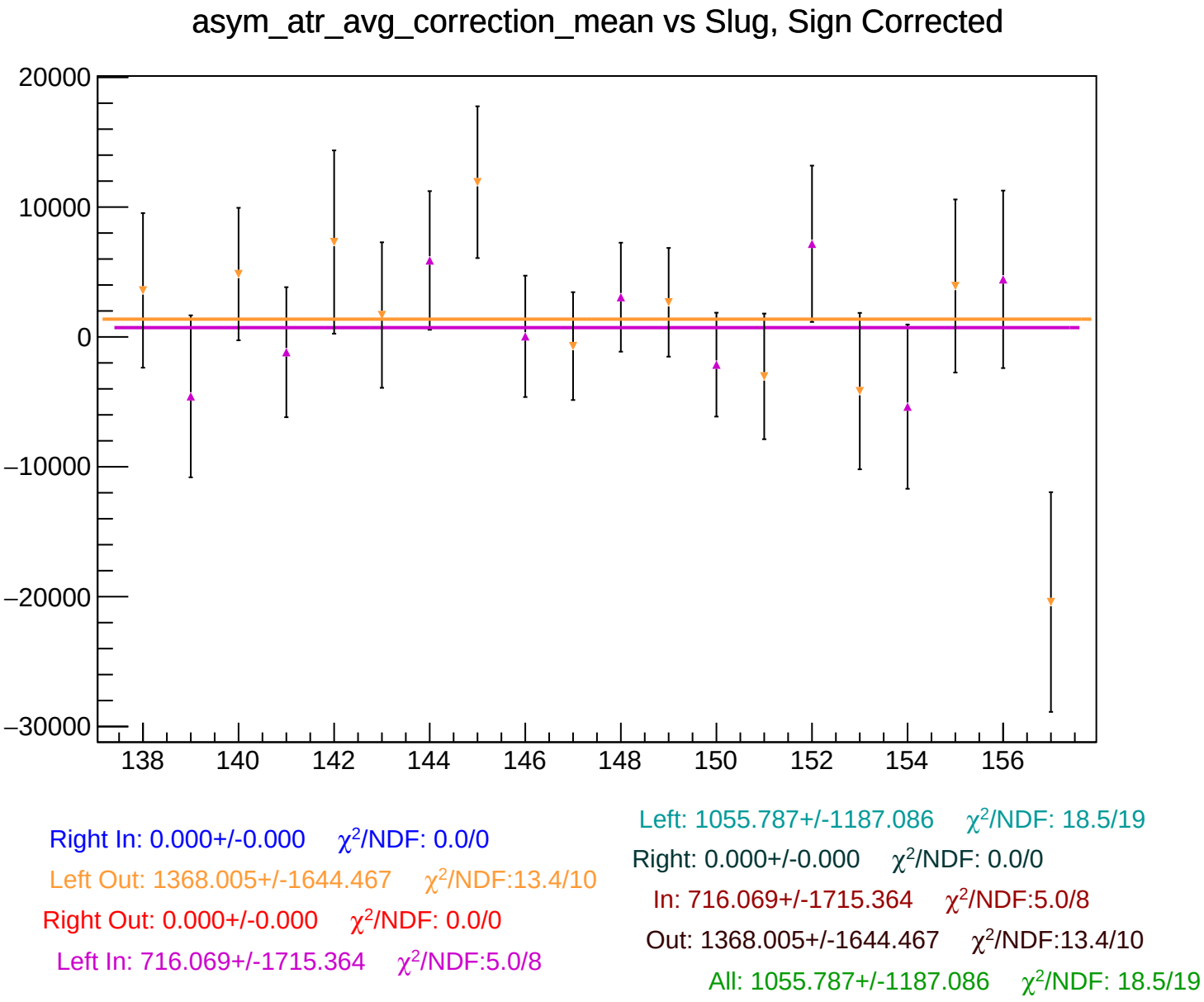
Left: 2025.429+/-0.364 χ^2/NDF: 71925.5/19

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

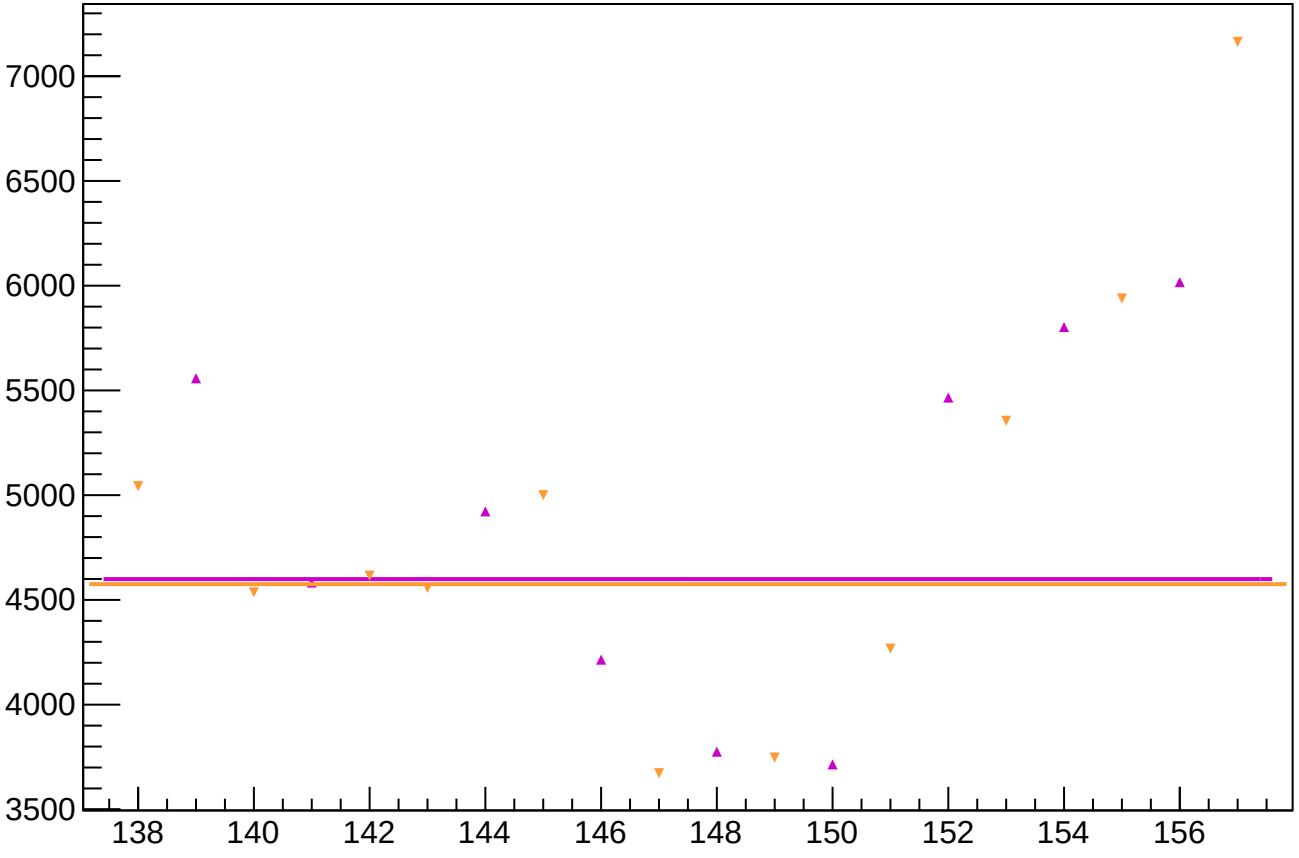
In: 2011.168+/-0.383 χ^2/NDF:644345.4/25

Out: 2033.379+/-0.374 χ^2/NDF:641361.9/29

All: 2022.522+/-0.267 χ^2/NDF: 1287430.4/55


asym_atr_avg_correction_mean vs Slug, Sign Corrected
20000
10000
0
−10000
−20000
−30000
138
140
142
144
146
148
150
152
154
156
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: 1368.005+/-1644.467 χ²/NDF:13.4/10
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 716.069+/-1715.364 χ²/NDF:5.0/8
Left: 1055.787+/-1187.086 χ²/NDF: 18.5/19
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: 716.069+/-1715.364 χ²/NDF:5.0/8
Out: 1368.005+/-1644.467 χ²/NDF:13.4/10
All: 1055.787+/-1187.086 χ²/NDF: 18.5/19

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4575.239+/-1.163 χ^2/NDF:508443.1/10

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

Left In: 4599.447+/-1.213 χ^2/NDF:443046.9/8

Left: 4586.832+/-0.839 χ^2/NDF: 951697.6/19

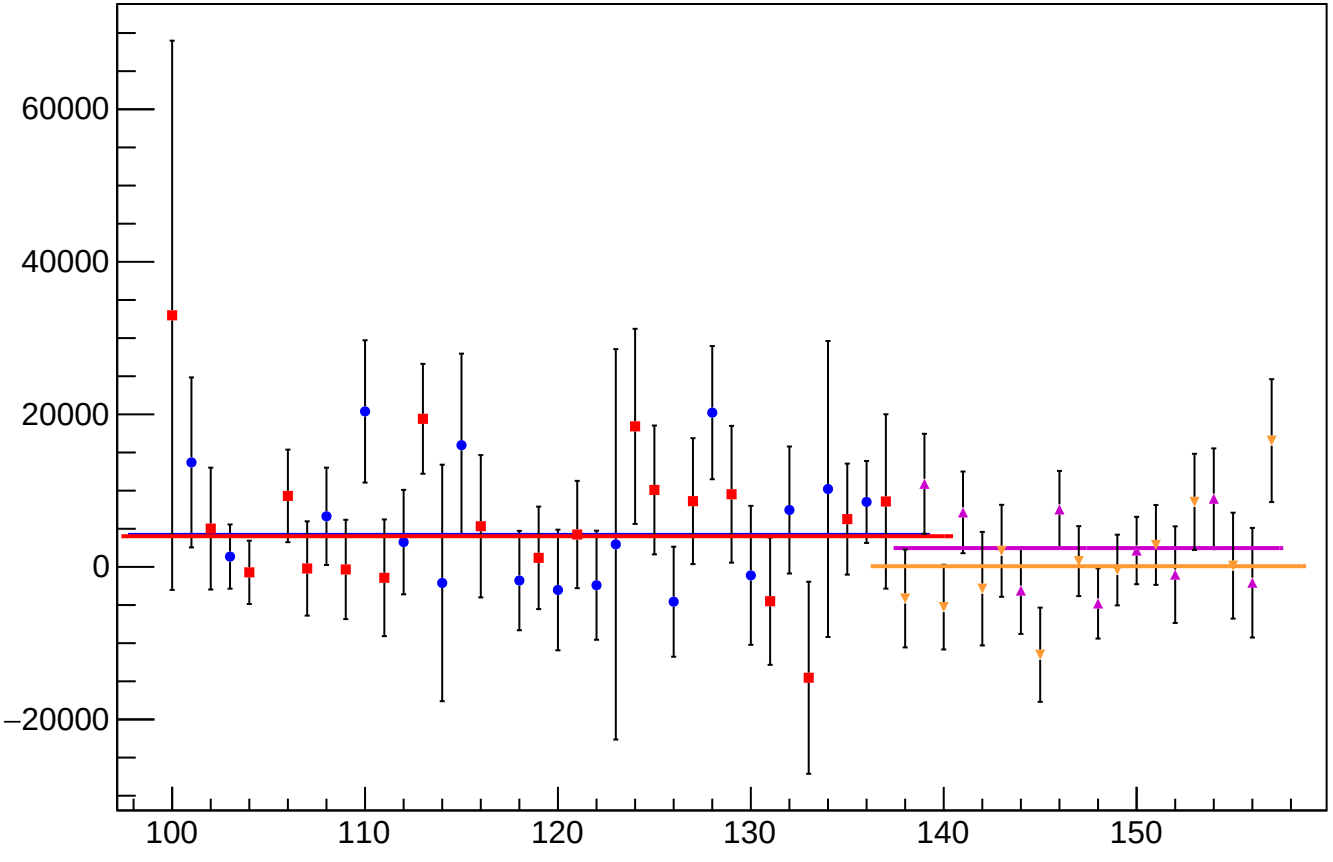
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4599.447+/-1.213 χ^2/NDF:443046.9/8

Out: 4575.239+/-1.163 χ^2/NDF:508443.1/10

All: 4586.832+/-0.839 χ^2/NDF: 951697.6/19

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 91.916+/-1766.890 χ^2/NDF:11.5/10

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

Left In: 2467.425+/-1844.046 χ^2/NDF:8.5/8

Left: 1228.935+/-1275.785 χ^2/NDF: 20.9/19

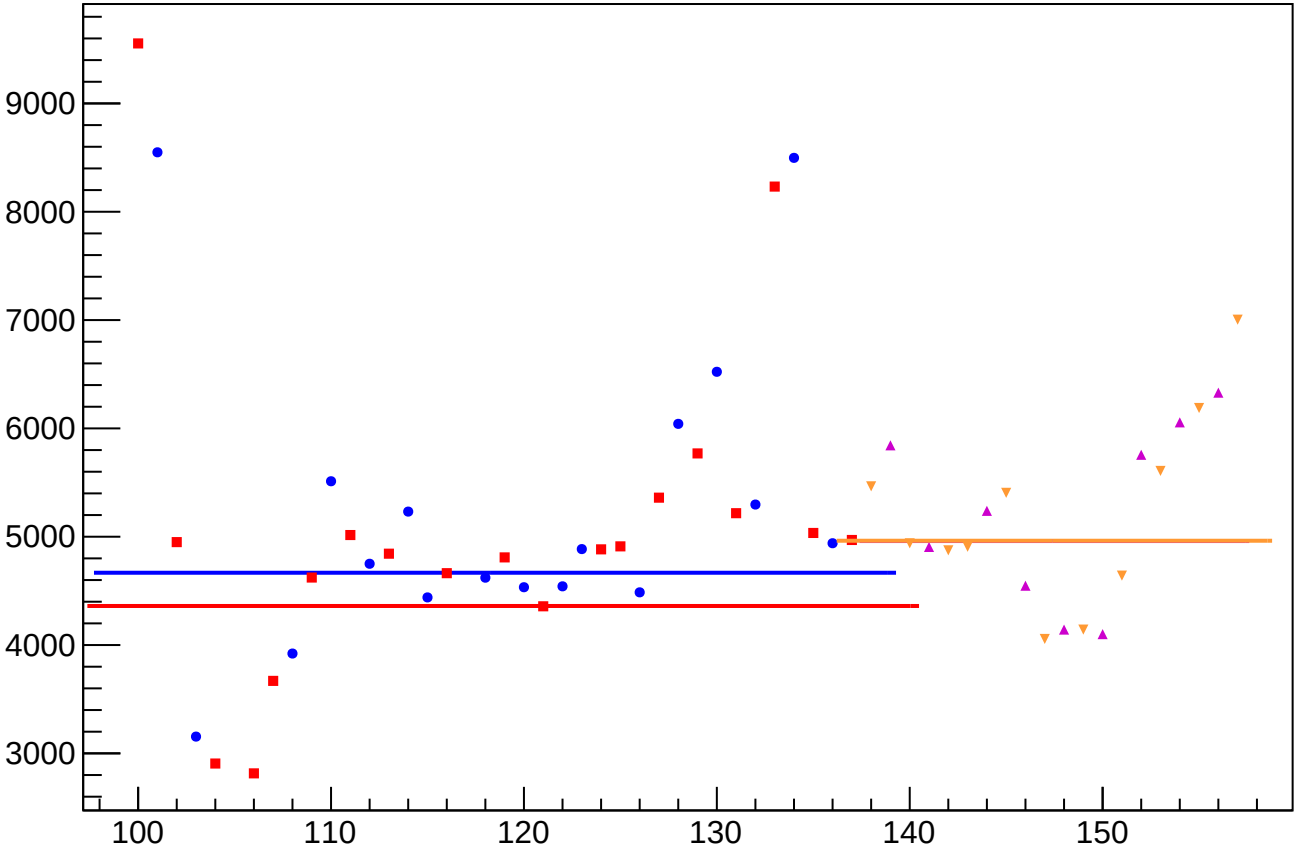
Right: 4104.755+/-1264.177 χ^2/NDF: 29.0/35

In: 3326.664+/-1308.774 χ^2/NDF:23.1/25

Out: 2104.746+/-1234.372 χ^2/NDF:28.8/29

All: 2679.987+/-897.984 χ^2/NDF: 52.4/55

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4962.893+/-1.249 χ^2/NDF:383007.5/10

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

Left In: 4960.050+/-1.304 χ^2/NDF:352905.1/8

Left: 4961.532+/-0.902 χ^2/NDF: 735915.1/19

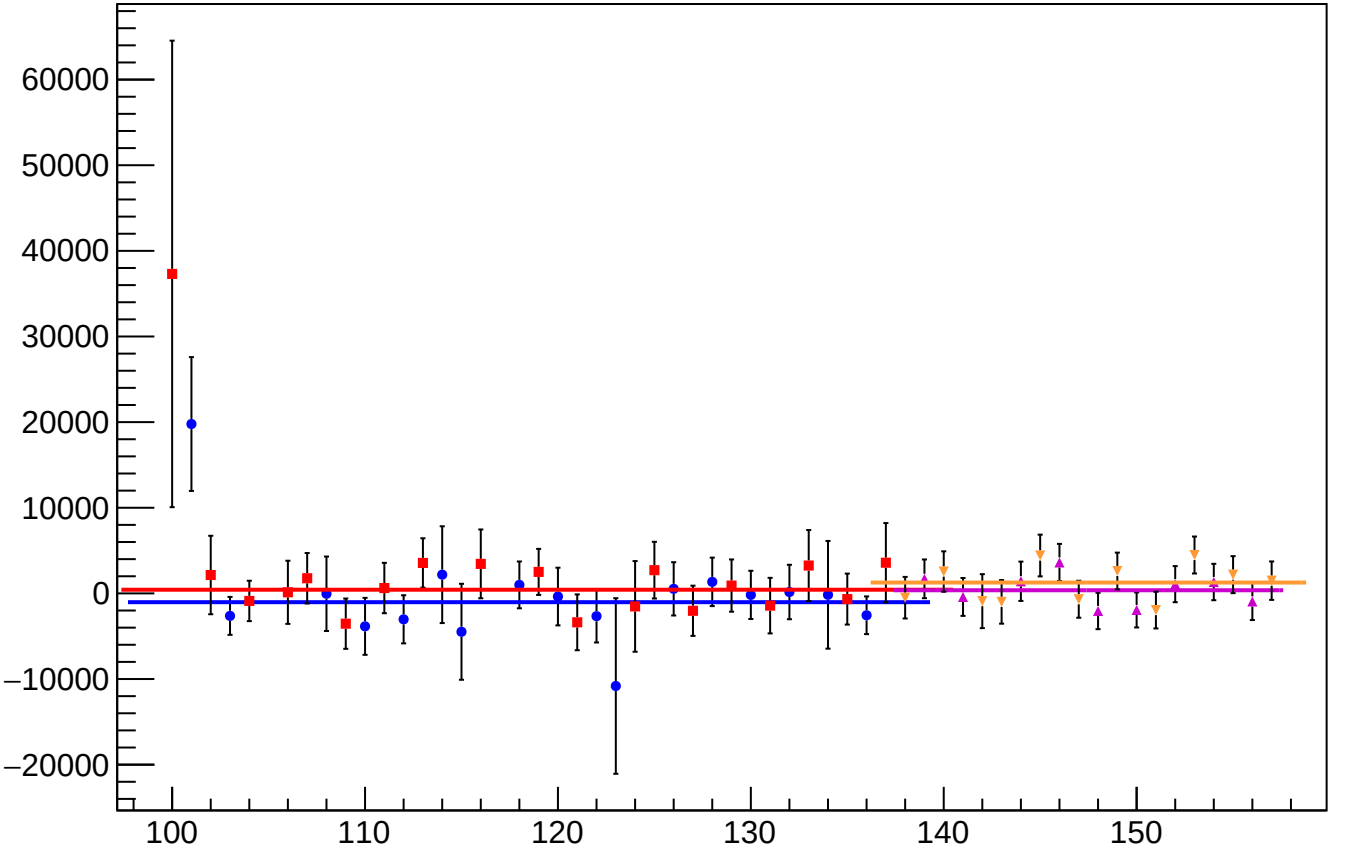
Right: 4501.800+/-0.891 χ^2/NDF: 1640064.7/35

In: 4814.847+/-0.925 χ^2/NDF:1155749.4/25

Out: 4652.803+/-0.870 χ^2/NDF:1335404.6/29

All: 4728.848+/-0.634 χ^2/NDF: 2507425.4/55

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1267.207+/-698.522 χ^2/NDF:9.6/10

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

Left In: 366.407+/-721.248 χ^2/NDF:6.2/8

Left: 831.222+/-501.772 χ^2/NDF: 16.6/19

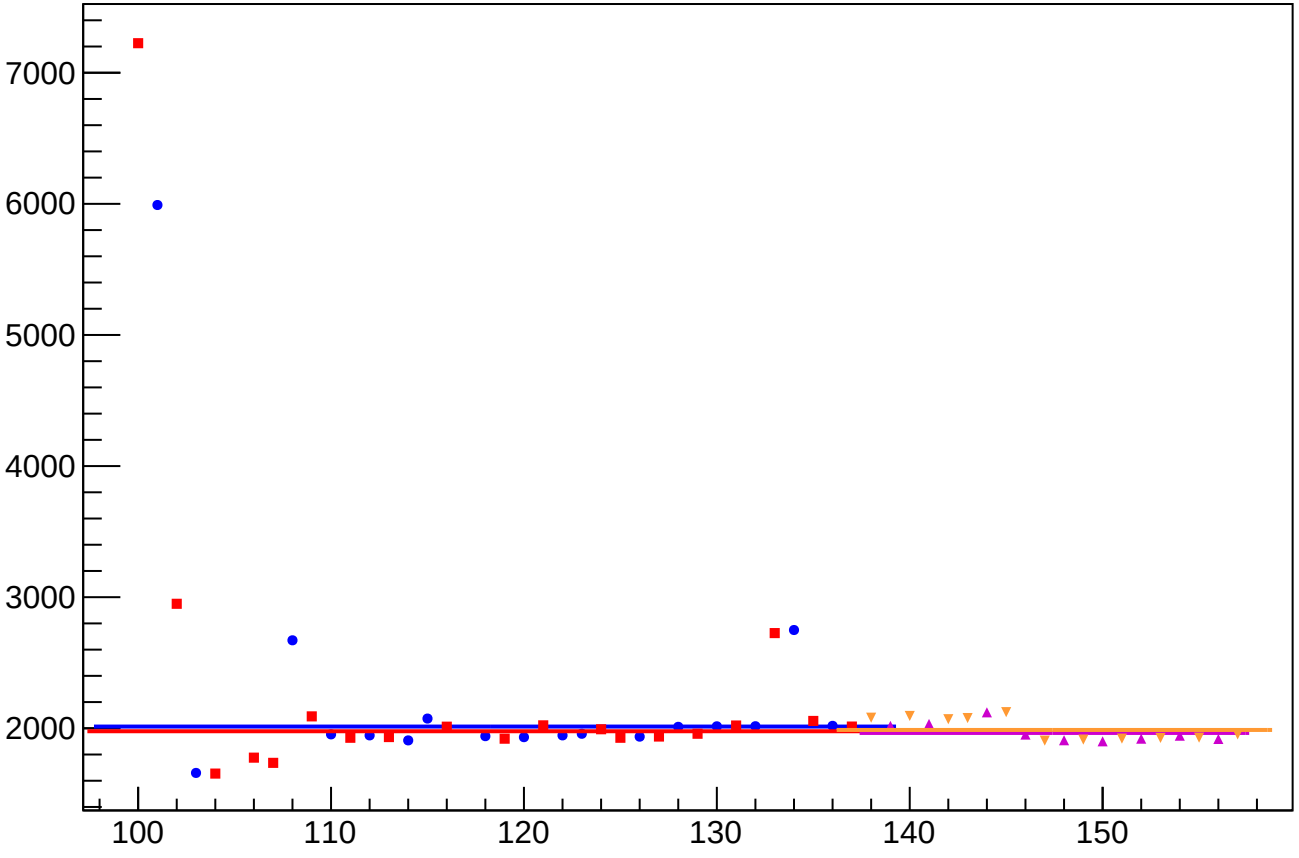
Right: -265.860+/-550.193 χ^2/NDF: 25.6/35

In: -261.318+/-534.658 χ^2/NDF:20.9/25

Out: 883.585+/-514.546 χ^2/NDF:21.1/29

All: 333.072+/-370.745 χ^2/NDF: 44.4/55

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1987.374+/-0.494 χ^2/NDF:27788.8/10

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

Left In: 1964.590+/-0.510 χ^2/NDF:17779.2/8

Left: 1976.347+/-0.355 χ^2/NDF: 46598.0/19

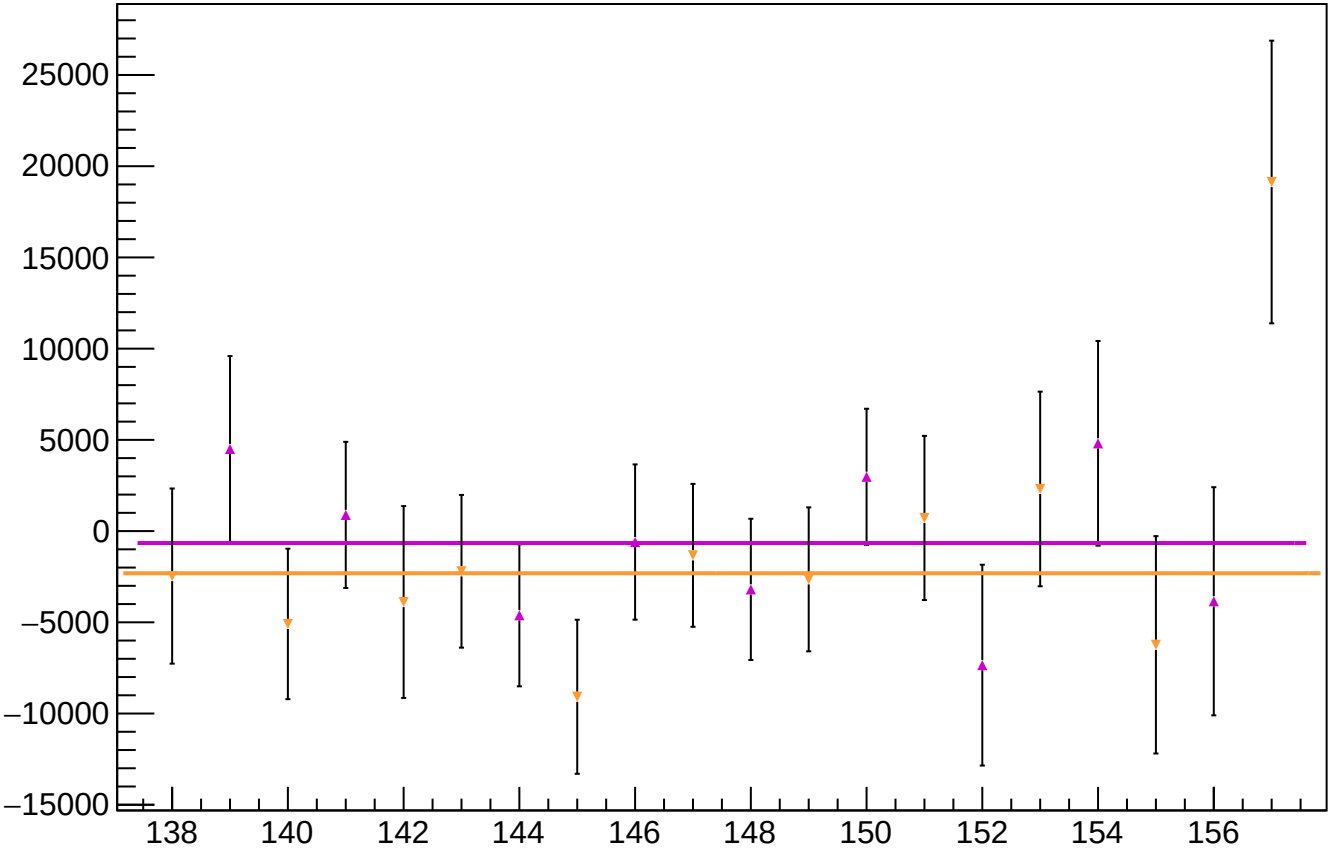
Right: 1994.568+/-0.389 χ^2/NDF: 947053.5/35

In: 1986.519+/-0.378 χ^2/NDF:671932.1/25

Out: 1982.873+/-0.364 χ^2/NDF:322869.3/29

All: 1984.625+/-0.262 χ^2/NDF: 994849.8/55

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2309.358+/-1399.743 χ^2/NDF:12.5/10

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

Left In: -654.836+/-1488.935 χ^2/NDF:6.3/8

Left: -1533.134+/-1019.842 χ^2/NDF: 19.4/19

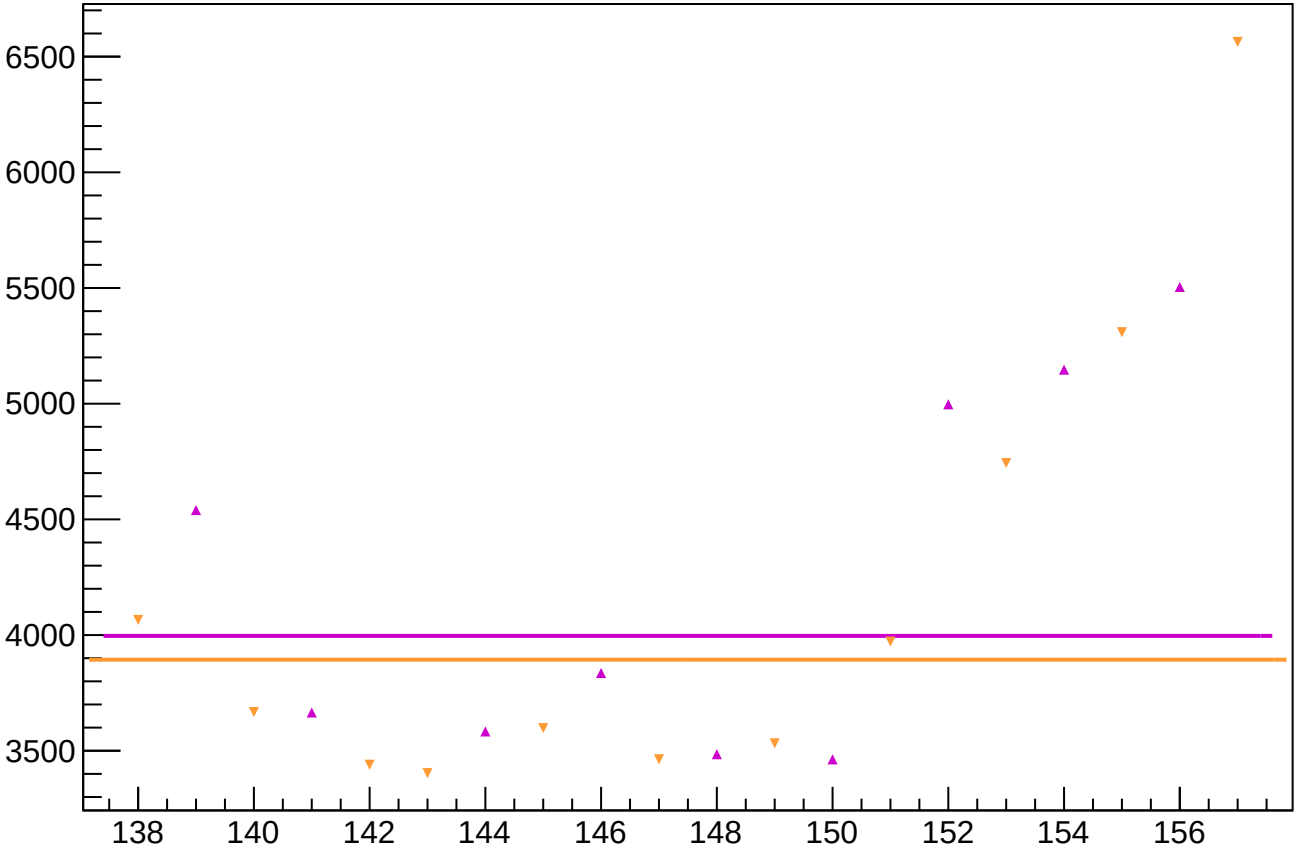
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -654.836+/-1488.935 χ^2/NDF:6.3/8

Out: -2309.358+/-1399.743 χ^2/NDF:12.5/10

All: -1533.134+/-1019.842 χ^2/NDF: 19.4/19

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3893.503+/-0.990 χ^2/NDF:503527.3/10

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

Left In: 3996.402+/-1.053 χ^2/NDF:404293.5/8

Left: 3941.779+/-0.721 χ^2/NDF: 912891.5/19

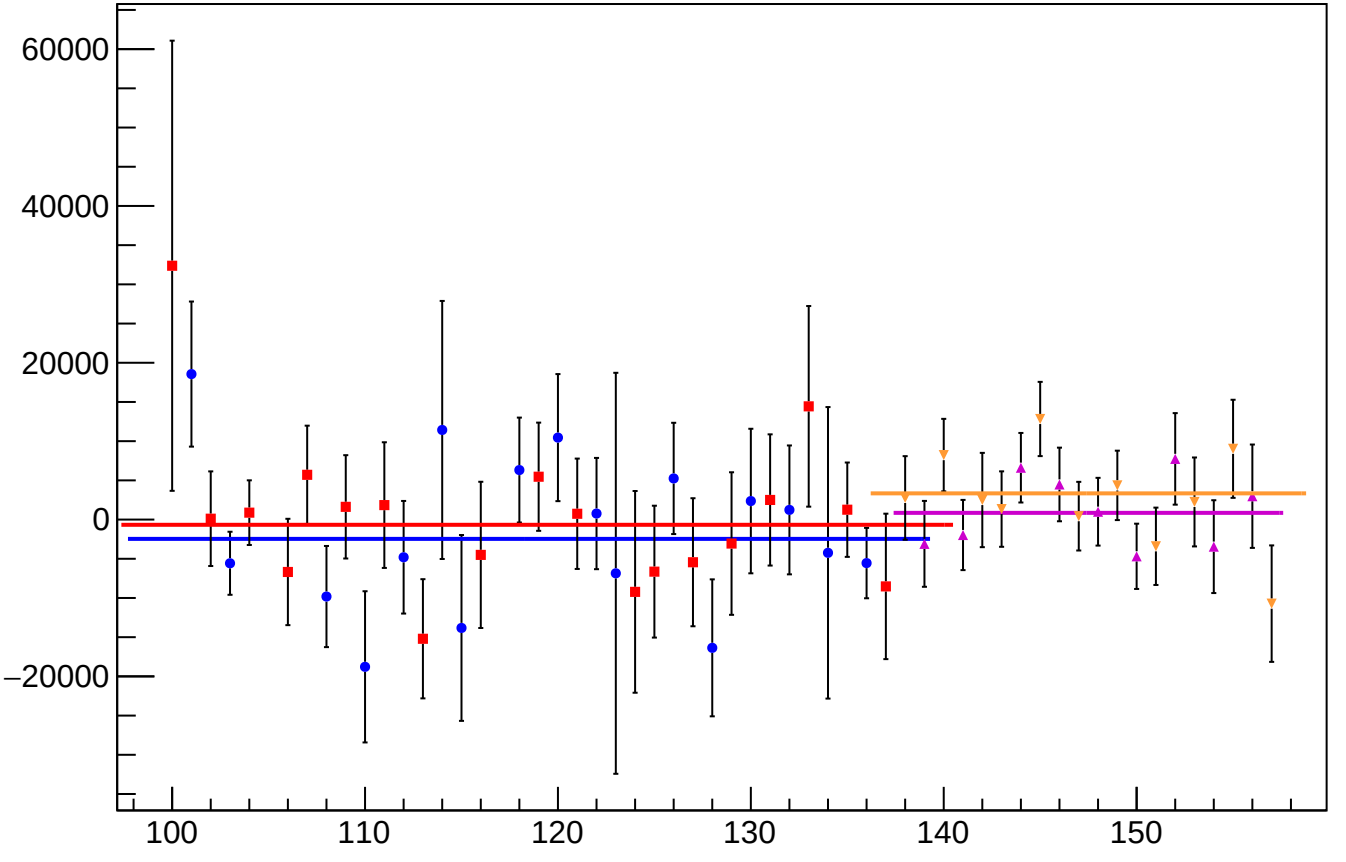
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3996.402+/-1.053 χ^2/NDF:404293.5/8

Out: 3893.503+/-0.990 χ^2/NDF:503527.3/10

All: 3941.779+/-0.721 χ^2/NDF: 912891.5/19

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 3342.661+/-1549.398 χ^2/NDF:12.2/10

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

Left In: 856.484+/-1640.415 χ^2/NDF:7.0/8

Left: 2170.454+/-1126.393 χ^2/NDF: 20.4/19

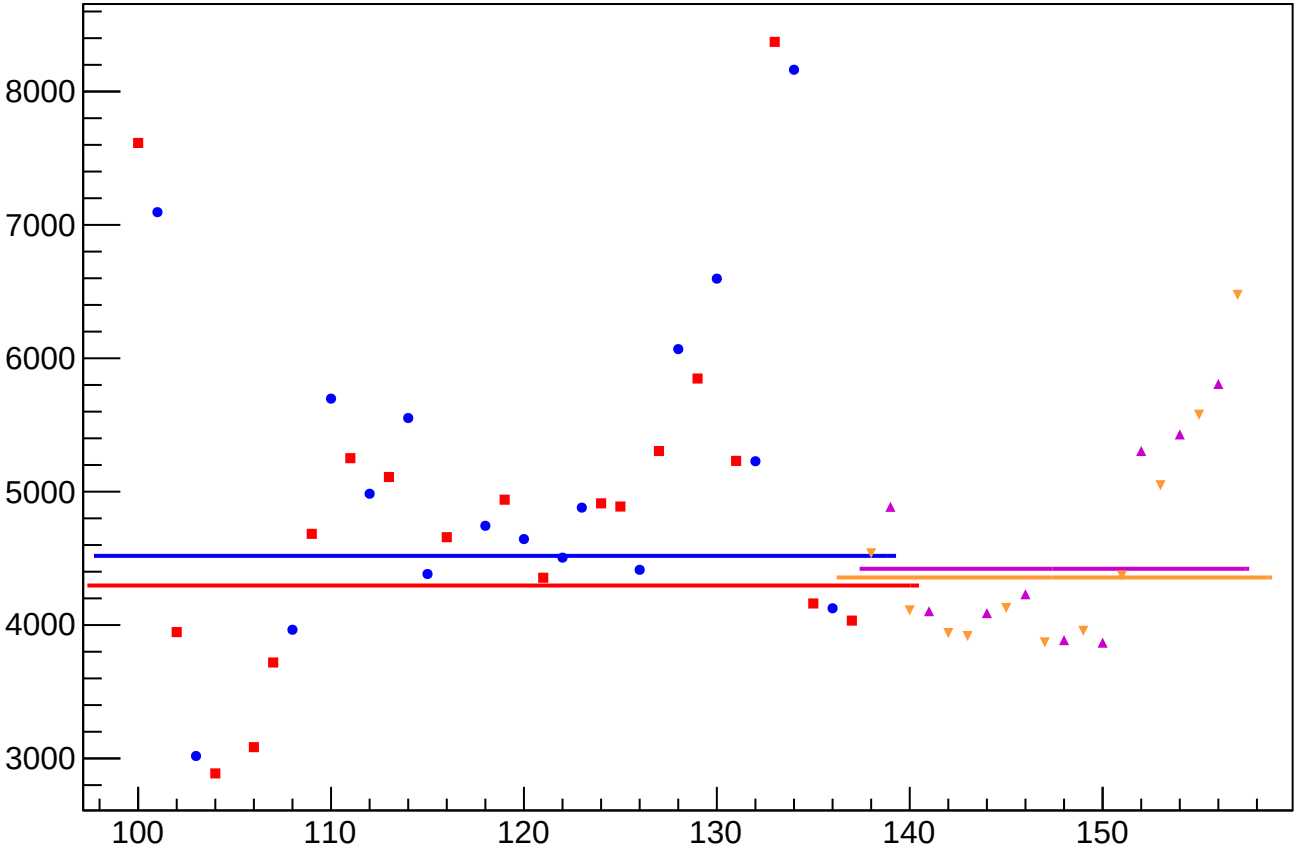
Right: -1508.905+/-1231.122 χ^2/NDF: 33.3/35

In: -651.751+/-1211.621 χ^2/NDF:29.7/25

Out: 1511.695+/-1142.009 χ^2/NDF:27.1/29

All: 493.903+/-831.043 χ^2/NDF: 58.5/55

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4356.723+/-1.096 χ^2/NDF:348501.7/10

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

Left In: 4421.863+/-1.160 χ^2/NDF:297131.5/8

Left: 4387.436+/-0.796 χ^2/NDF: 647300.0/19

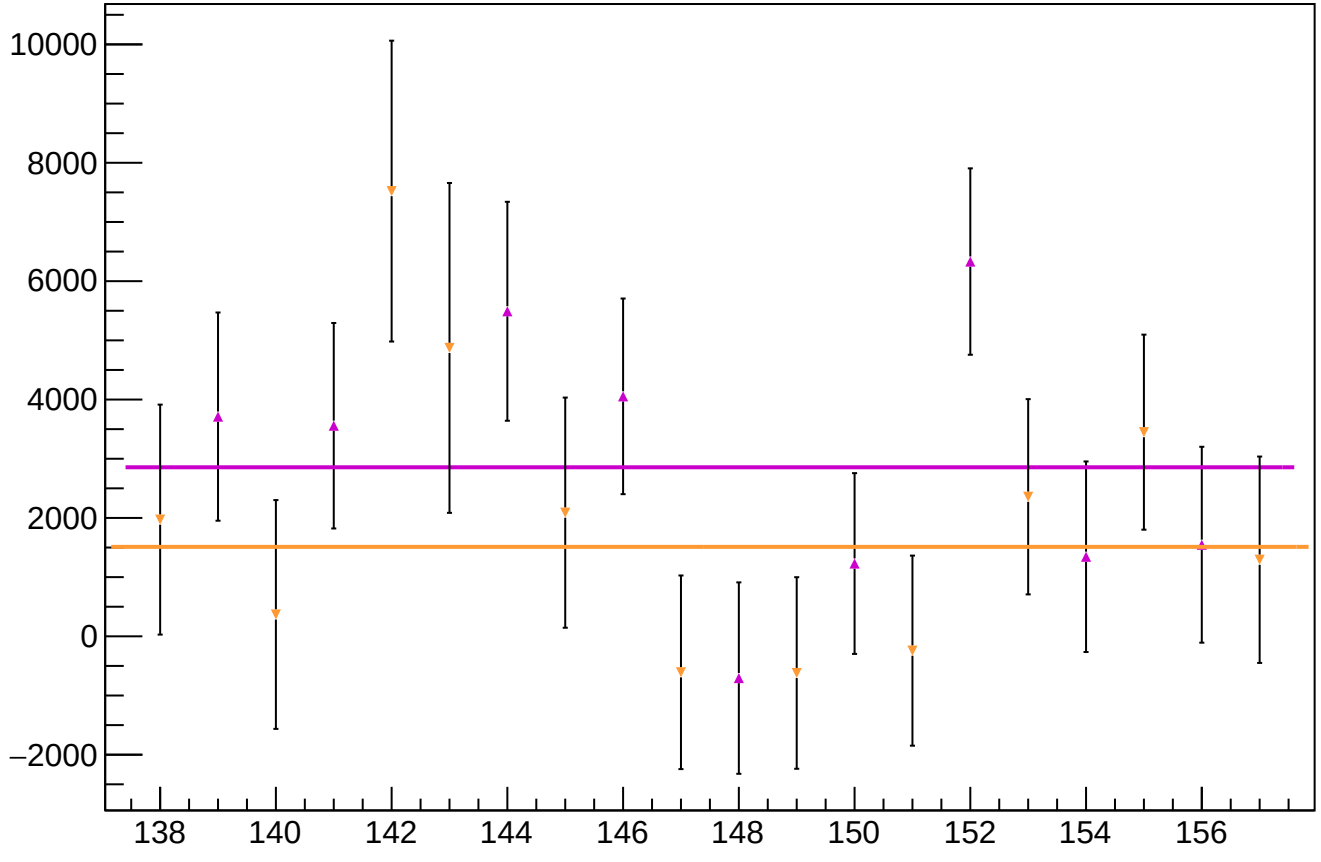
Right: 4400.071+/-0.868 χ^2/NDF: 1558255.2/35

In: 4465.864+/-0.857 χ^2/NDF:1070524.8/25

Out: 4328.995+/-0.805 χ^2/NDF:1121598.2/29

All: 4393.212+/-0.587 χ^2/NDF: 2205670.3/55

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: 1511.315+/-551.359 χ^2/NDF:13.8/10

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

Left In: 2855.838+/-552.186 χ^2/NDF:15.3/8

Left: 2182.568+/-390.162 χ^2/NDF: 32.1/19

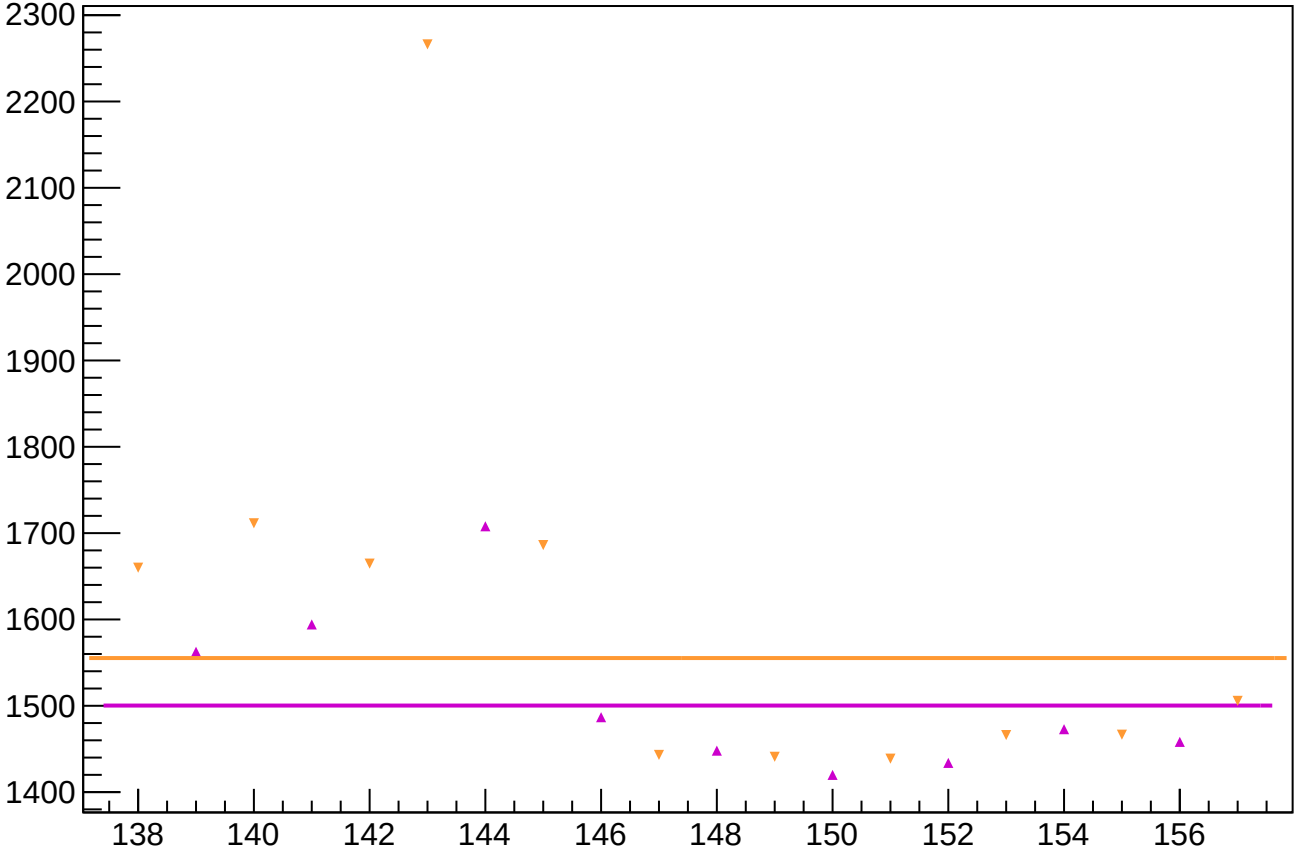
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2855.838+/-552.186 χ^2/NDF:15.3/8

Out: 1511.315+/-551.359 χ^2/NDF:13.8/10

All: 2182.568+/-390.162 χ^2/NDF: 32.1/19

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: 1555.288+/-0.390 χ^2/NDF:205003.6/10

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

Left In: 1500.264+/-0.390 χ^2/NDF:46768.7/8

Left: 1527.817+/-0.276 χ^2/NDF: 261716.9/19

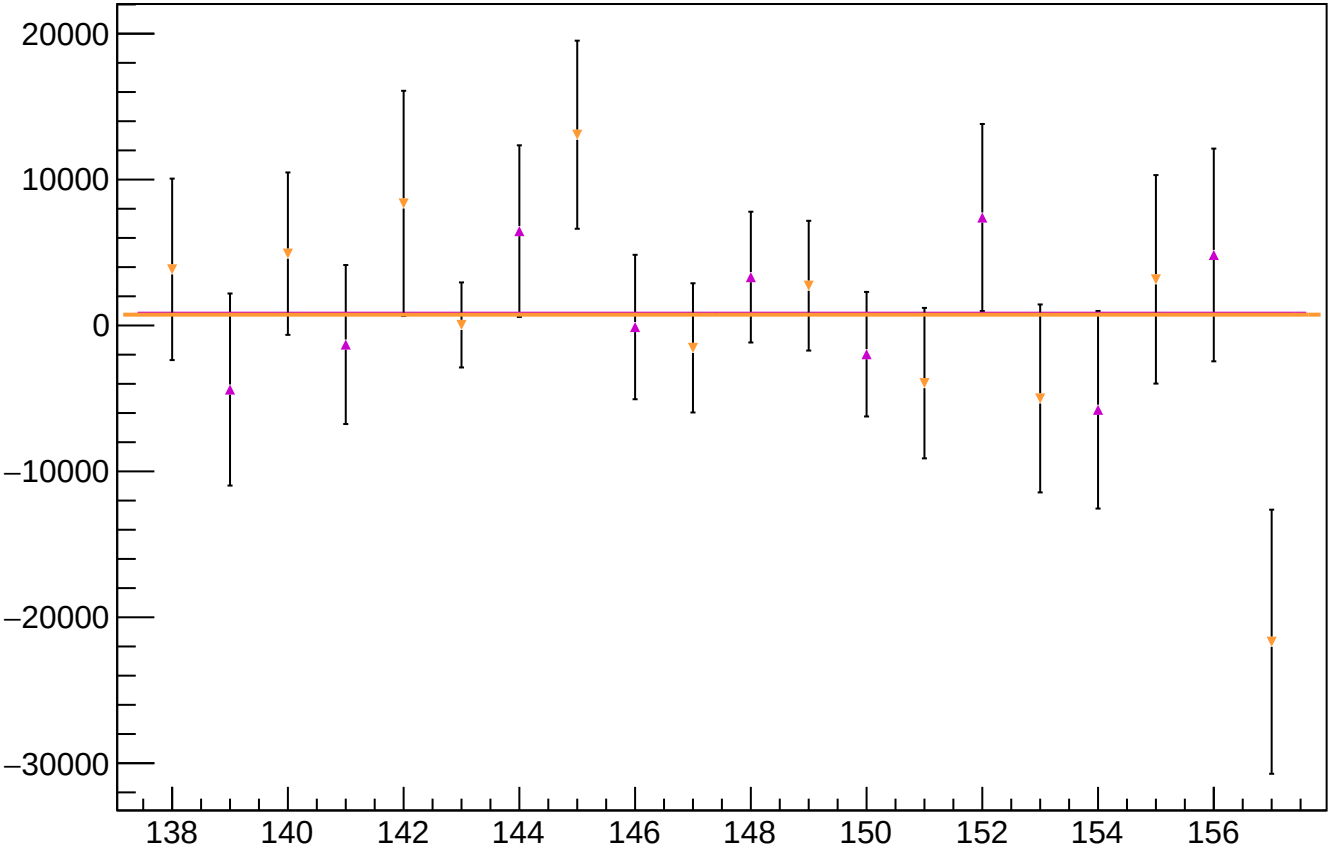
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1500.264+/-0.390 χ^2/NDF:46768.7/8

Out: 1555.288+/-0.390 χ^2/NDF:205003.6/10

All: 1527.817+/-0.276 χ^2/NDF: 261716.9/19

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: 742.452+/-1558.231 χ^2/NDF:13.8/10

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

Left In: 808.050+/-1837.641 χ^2/NDF:4.8/8

Left: 769.890+/-1188.478 χ^2/NDF: 18.6/19

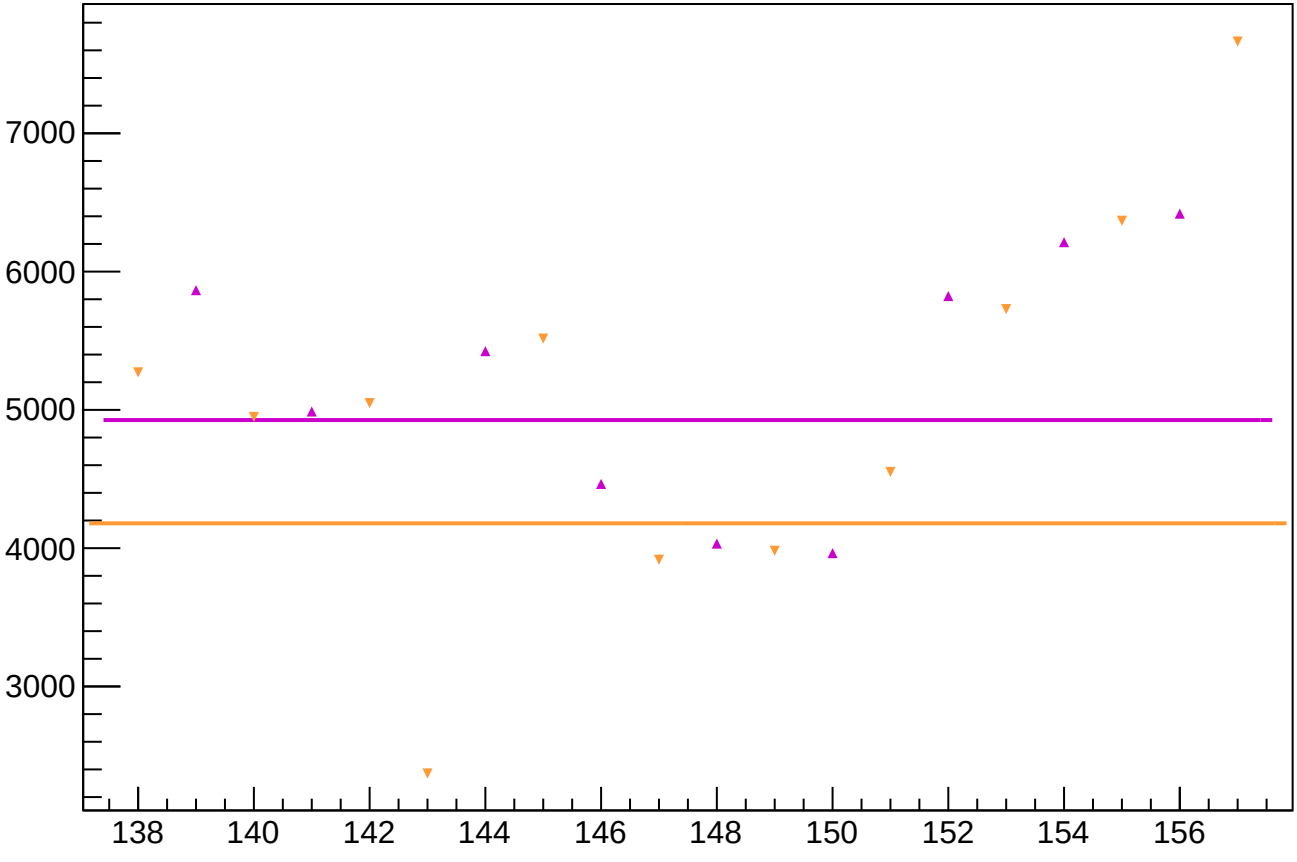
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 808.050+/-1837.641 χ^2/NDF:4.8/8

Out: 742.452+/-1558.231 χ^2/NDF:13.8/10

All: 769.890+/-1188.478 χ^2/NDF: 18.6/19

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: 4179.650+/-1.102 χ^2/NDF:1602942.9/10

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

Left In: 4926.456+/-1.299 χ^2/NDF:449045.9/8

Left: 4492.020+/-0.840 χ^2/NDF: 2244139.4/19

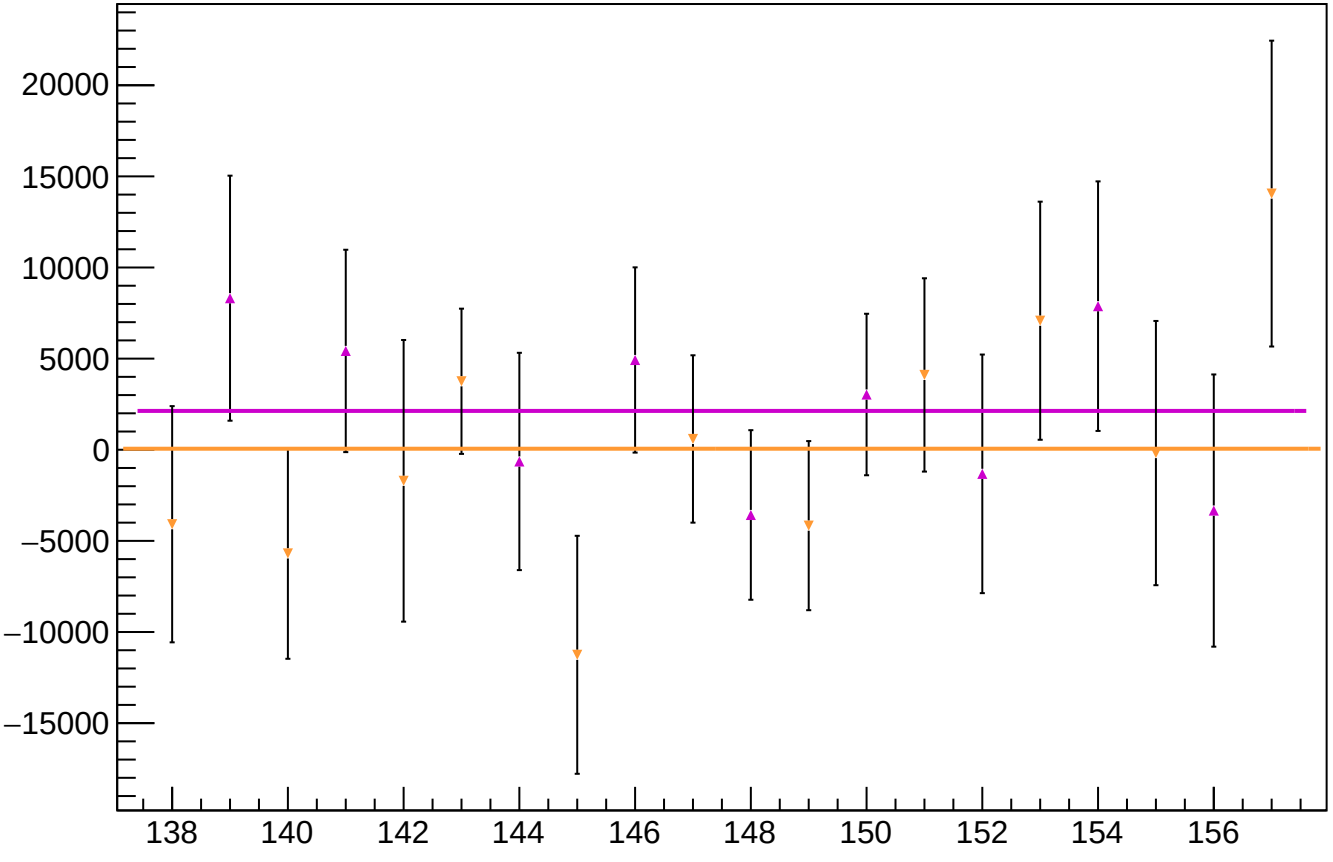
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4926.456+/-1.299 χ^2/NDF:449045.9/8

Out: 4179.650+/-1.102 χ^2/NDF:1602942.9/10

All: 4492.020+/-0.840 χ^2/NDF: 2244139.4/19

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: 56.641+/-1707.398 χ^2/NDF:10.7/10

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

Left In: 2130.650+/-1885.869 χ^2/NDF:4.8/8

Left: 990.887+/-1265.717 χ^2/NDF: 16.1/19

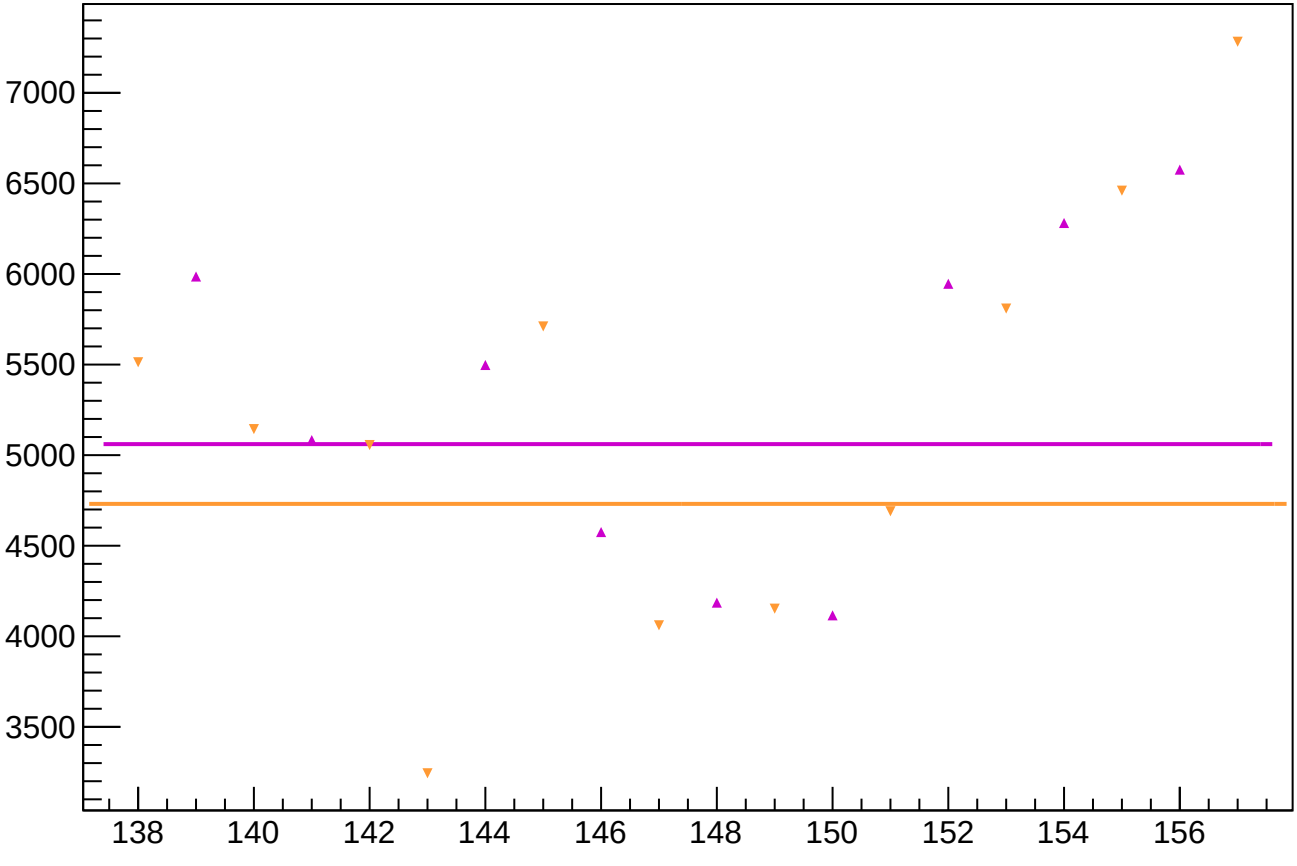
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2130.650+/-1885.869 χ^2/NDF:4.8/8

Out: 56.641+/-1707.398 χ^2/NDF:10.7/10

All: 990.887+/-1265.717 χ^2/NDF: 16.1/19

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: 4730.962+/-1.207 χ^2/NDF:793462.8/10

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

Left In: 5060.895+/-1.334 χ^2/NDF:411167.2/8

Left: 4879.582+/-0.895 χ^2/NDF: 1238270.4/19

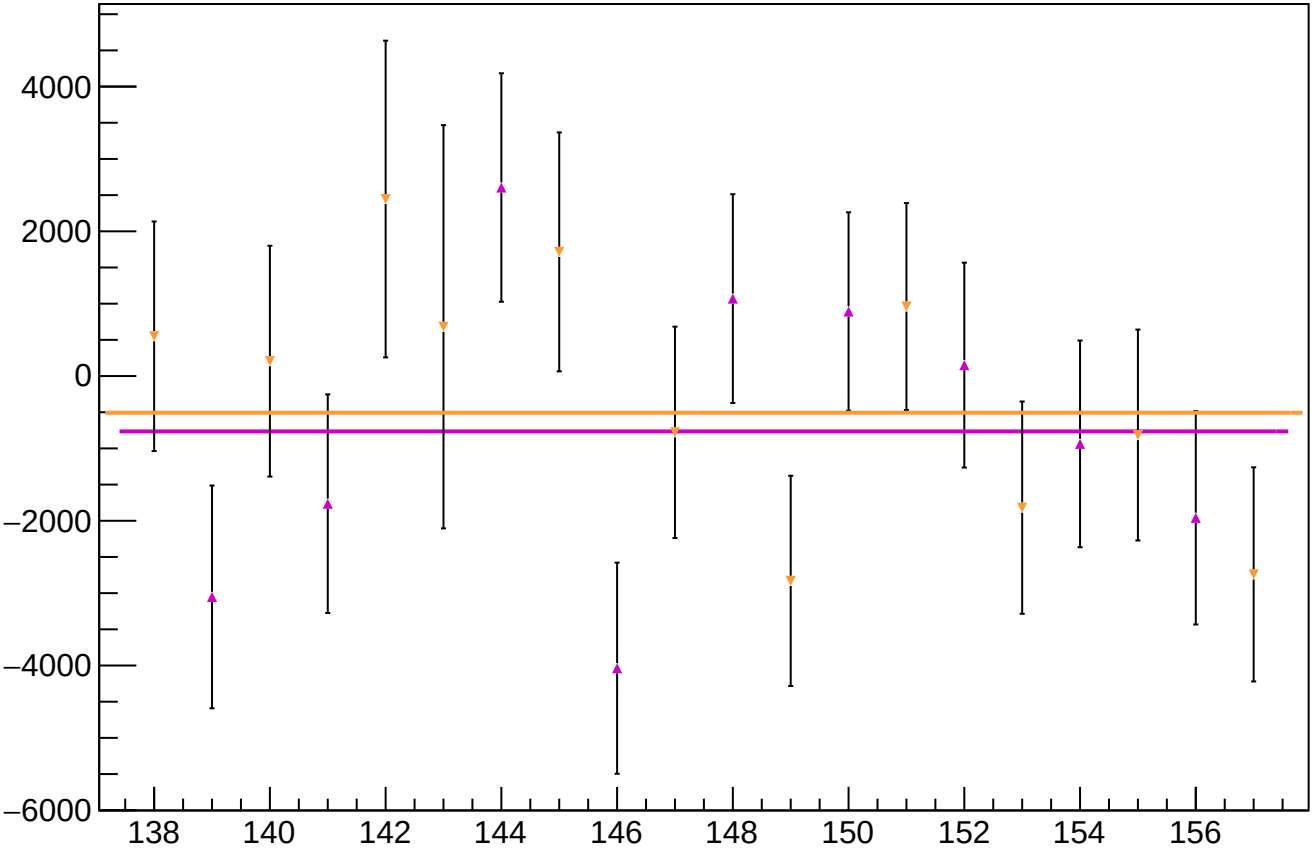
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5060.895+/-1.334 χ^2/NDF:411167.2/8

Out: 4730.962+/-1.207 χ^2/NDF:793462.8/10

All: 4879.582+/-0.895 χ^2/NDF: 1238270.4/19

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: -506.754+/-481.171 χ^2/NDF:11.2/10

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

Left In: -765.239+/-488.354 χ^2/NDF:16.4/8

Left: -634.082+/-342.751 χ^2/NDF: 27.8/19

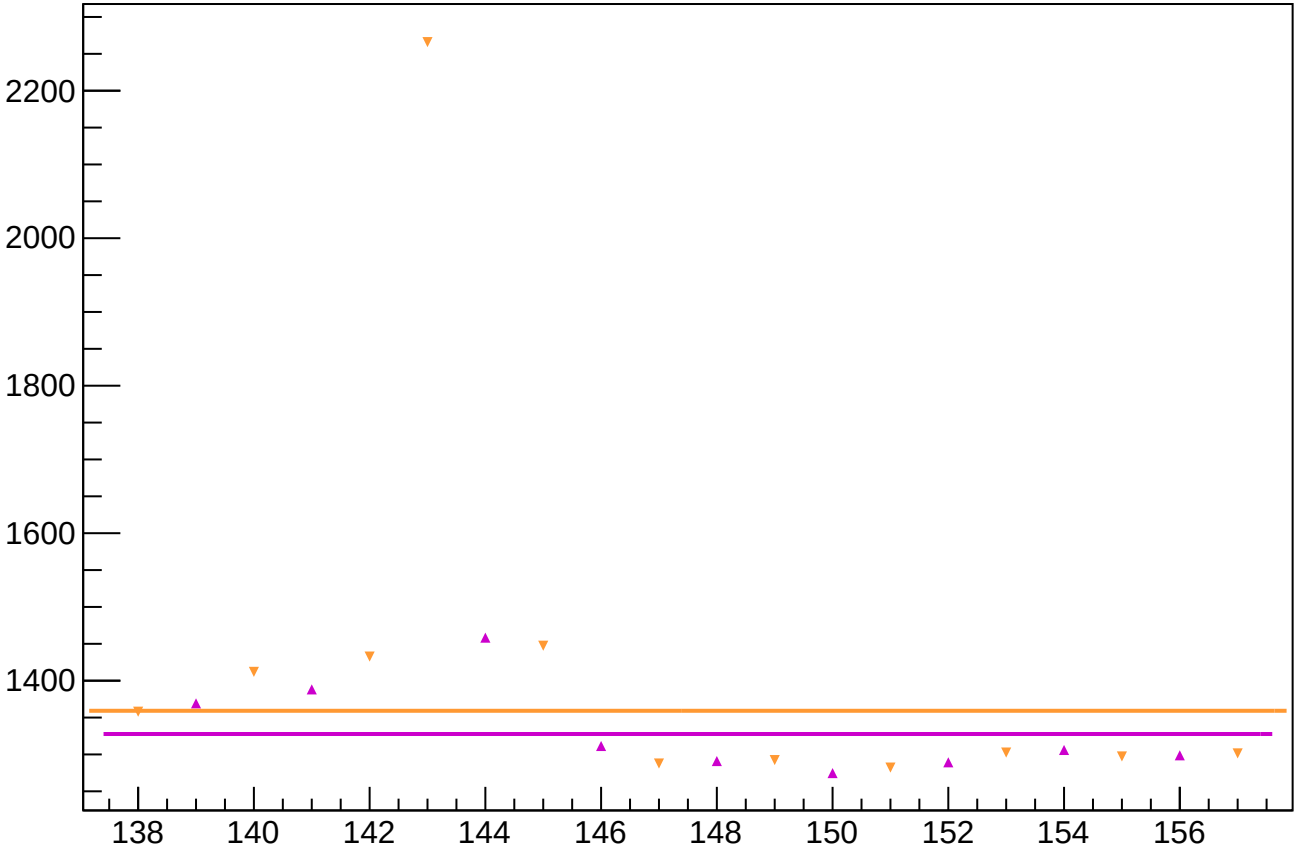
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -765.239+/-488.354 χ^2/NDF:16.4/8

Out: -506.754+/-481.171 χ^2/NDF:11.2/10

All: -634.082+/-342.751 χ^2/NDF: 27.8/19

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: 1359.200+/-0.340 χ^2/NDF:246412.9/10

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

Left In: 1327.710+/-0.345 χ^2/NDF:25593.6/8

Left: 1343.688+/-0.242 χ^2/NDF: 276226.0/19

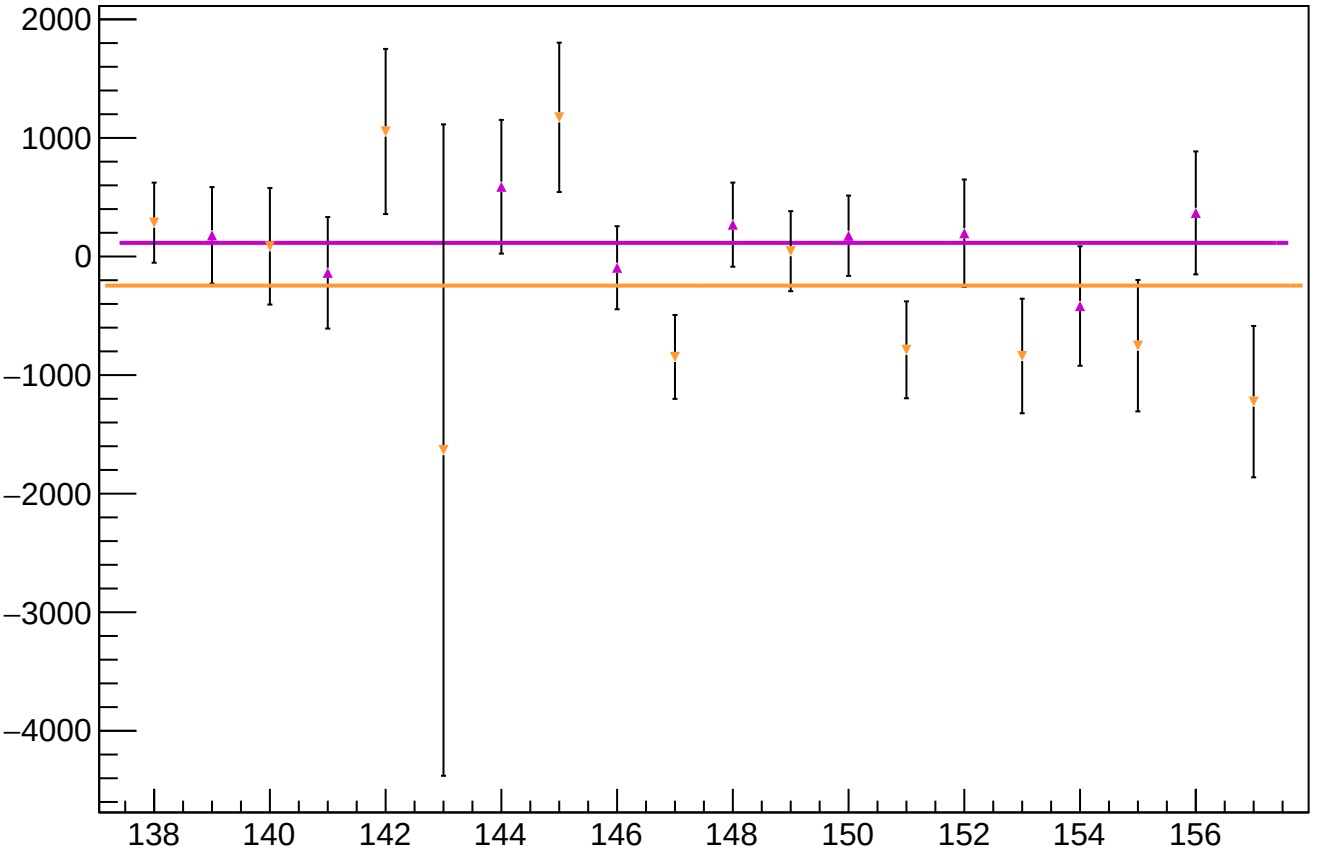
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1327.710+/-0.345 χ^2/NDF:25593.6/8

Out: 1359.200+/-0.340 χ^2/NDF:246412.9/10

All: 1343.688+/-0.242 χ^2/NDF: 276226.0/19

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: -245.246+/-140.898 χ^2/NDF:21.8/10

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

Left In: 115.068+/-139.975 χ^2/NDF:3.0/8

Left: -63.905+/-99.302 χ^2/NDF: 28.1/19

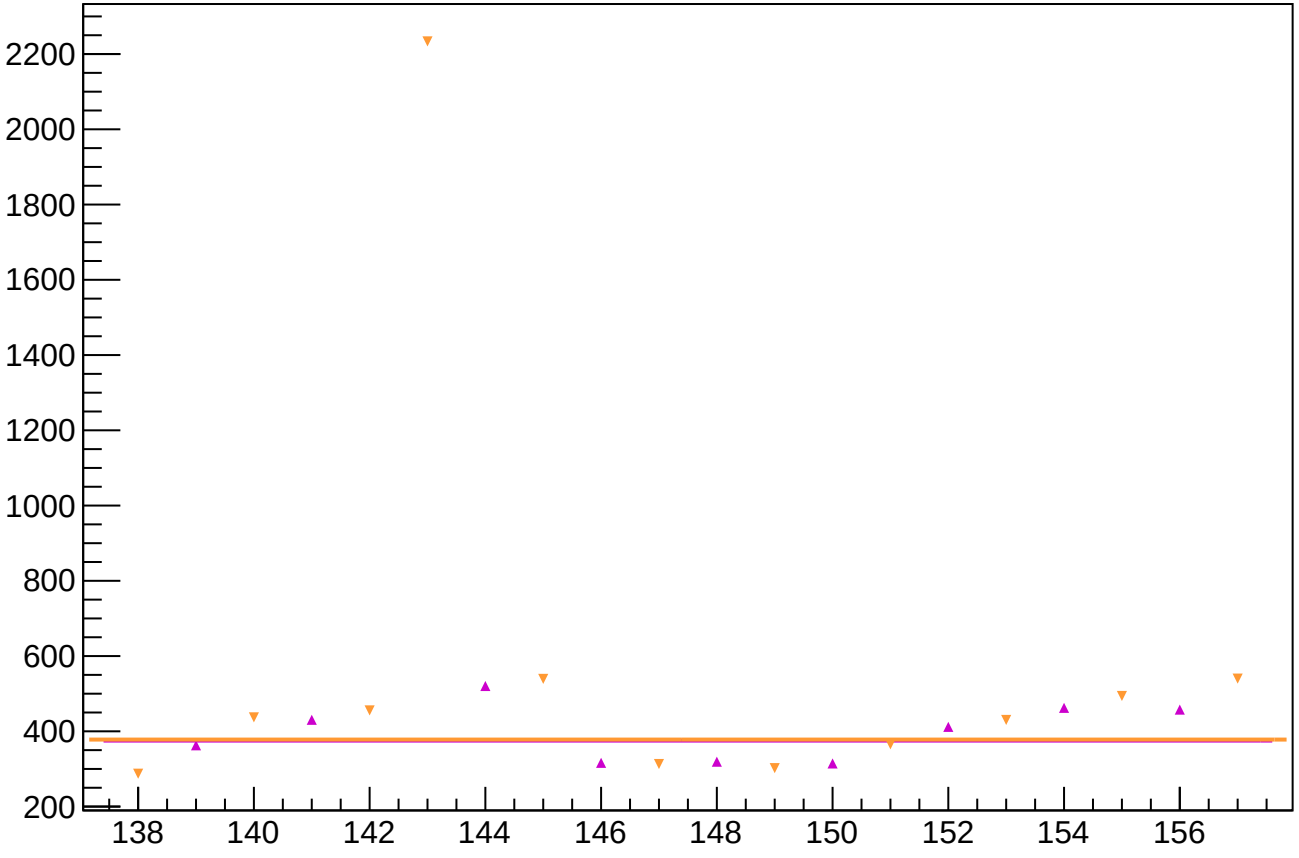
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 115.068+/-139.975 χ^2/NDF:3.0/8

Out: -245.246+/-140.898 χ^2/NDF:21.8/10

All: -63.905+/-99.302 χ^2/NDF: 28.1/19

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: 378.050+/-0.100 χ^2/NDF:1651975.2/10

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

Left In: 375.380+/-0.099 χ^2/NDF:456395.5/8

Left: 376.706+/-0.070 χ^2/NDF: 2108732.0/19

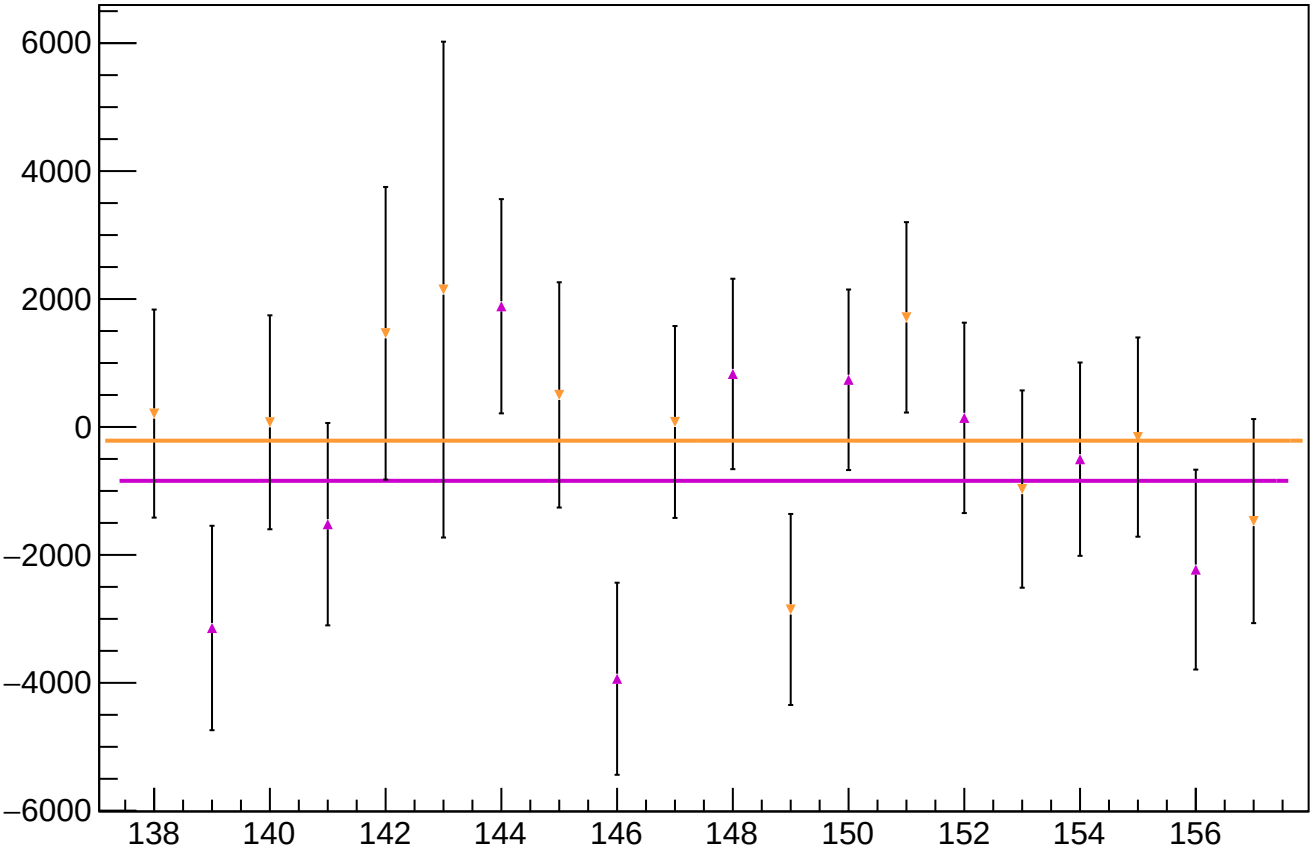
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 375.380+/-0.099 χ^2/NDF:456395.5/8

Out: 378.050+/-0.100 χ^2/NDF:1651975.2/10

All: 376.706+/-0.070 χ^2/NDF: 2108732.0/19

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: -214.327+/-507.267 χ^2/NDF:6.9/10

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

Left In: -841.766+/-509.987 χ^2/NDF:12.9/8

Left: -526.369+/-359.650 χ^2/NDF: 20.6/19

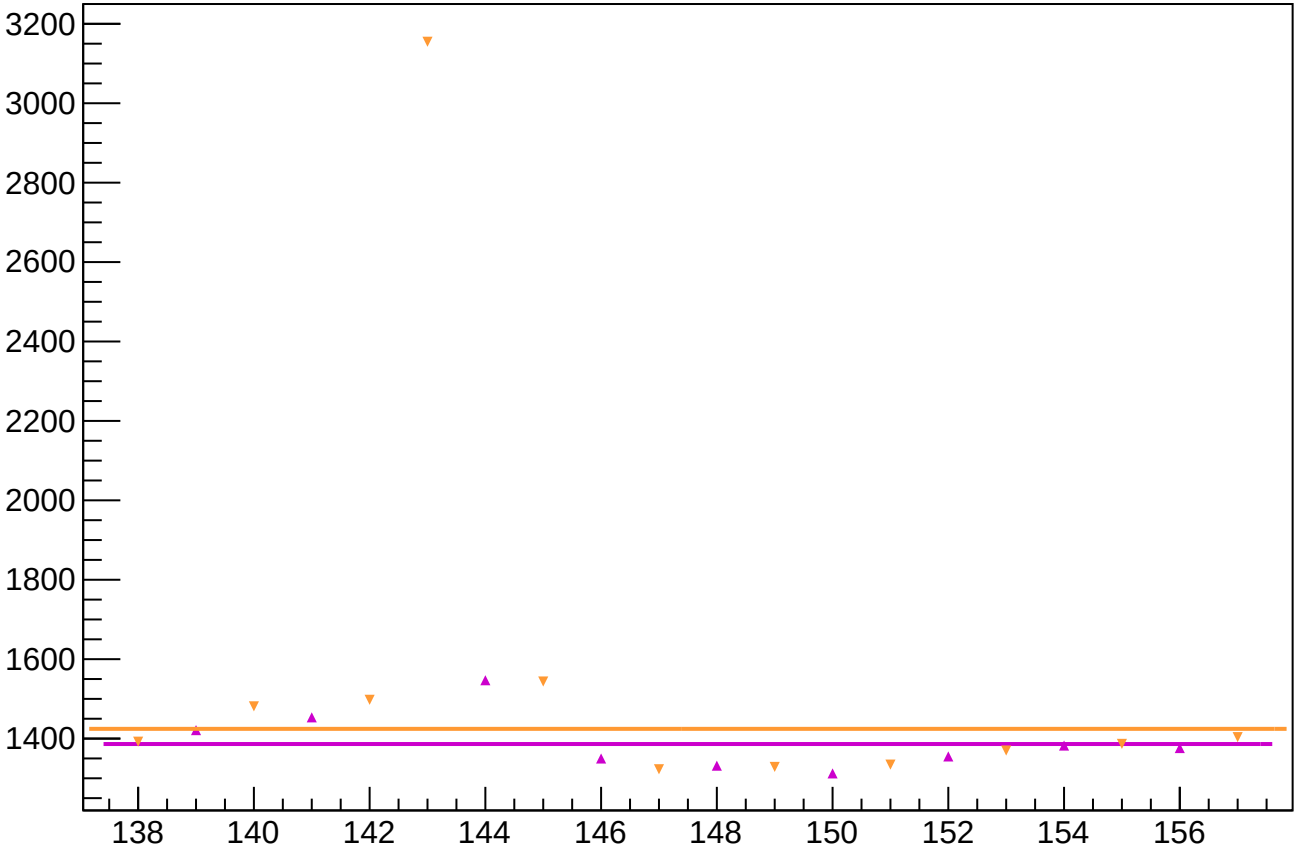
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -841.766+/-509.987 χ^2/NDF:12.9/8

Out: -214.327+/-507.267 χ^2/NDF:6.9/10

All: -526.369+/-359.650 χ^2/NDF: 20.6/19

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: 1424.534+/-0.359 χ^2/NDF:441750.1/10

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

Left In: 1386.320+/-0.361 χ^2/NDF:33317.6/8

Left: 1405.529+/-0.254 χ^2/NDF: 480712.5/19

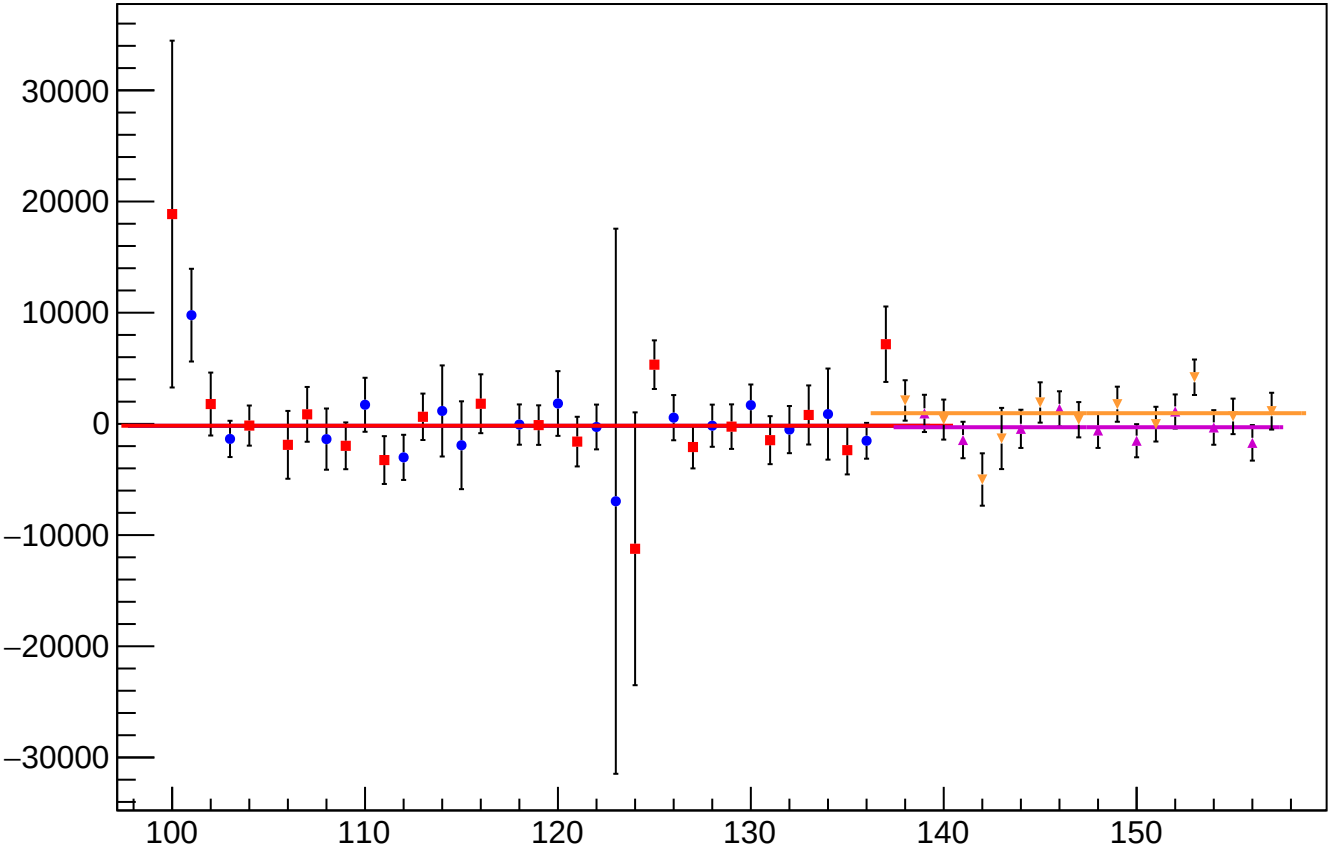
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1386.320+/-0.361 χ^2/NDF:33317.6/8

Out: 1424.534+/-0.359 χ^2/NDF:441750.1/10

All: 1405.529+/-0.254 χ^2/NDF: 480712.5/19

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: 961.976+/-528.043 χ^2/NDF:12.8/10

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

Left In: -299.493+/-530.597 χ^2/NDF:4.5/8

Left: 334.285+/-374.282 χ^2/NDF: 20.1/19

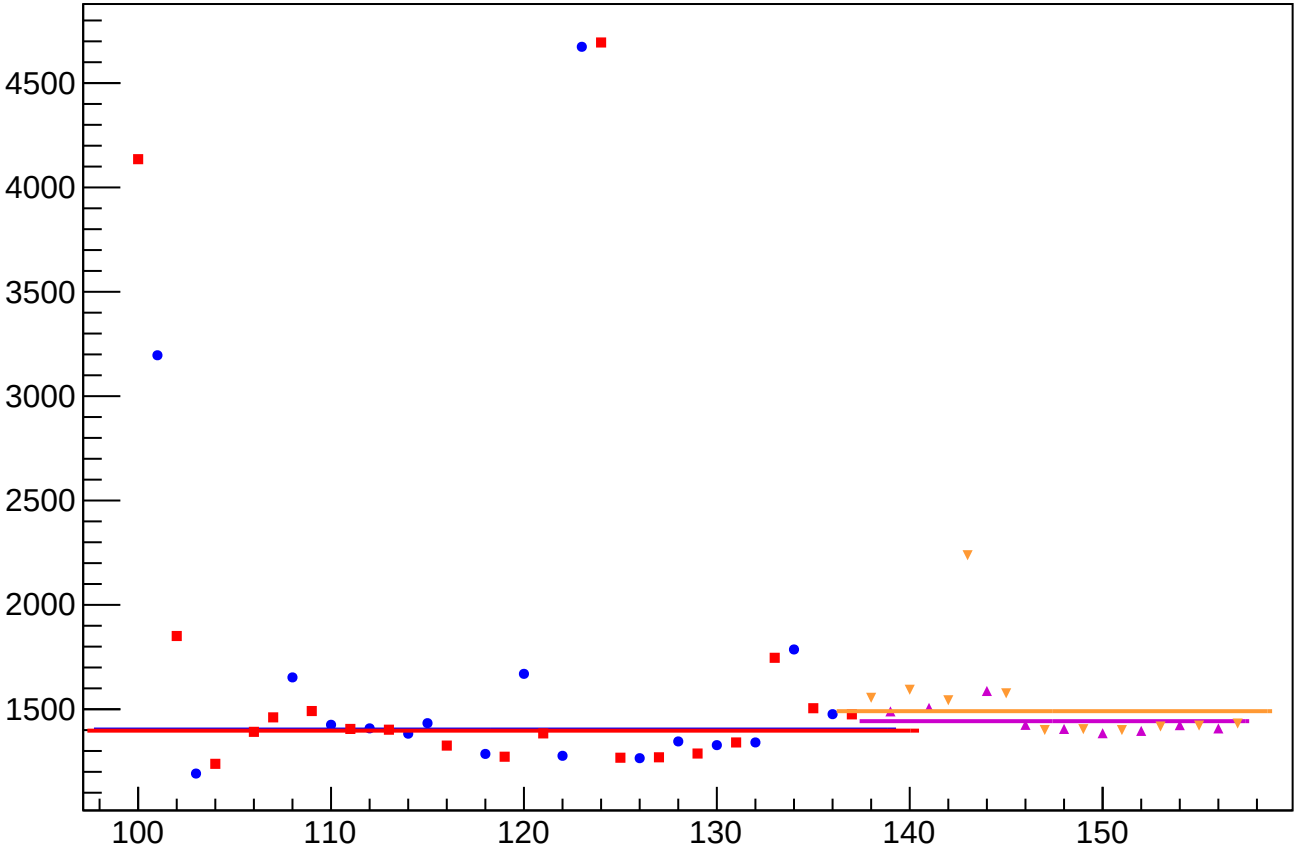
Right: -169.758+/-386.953 χ^2/NDF: 32.4/35

In: -239.929+/-383.413 χ^2/NDF:16.2/25

Out: 411.239+/-377.574 χ^2/NDF:35.7/29

All: 90.651+/-269.026 χ^2/NDF: 53.4/55

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: 1490.689+/-0.373 χ^2/NDF:191506.6/10

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

Left In: 1442.849+/-0.375 χ^2/NDF:26226.8/8

Left: 1466.885+/-0.265 χ^2/NDF: 225902.0/19

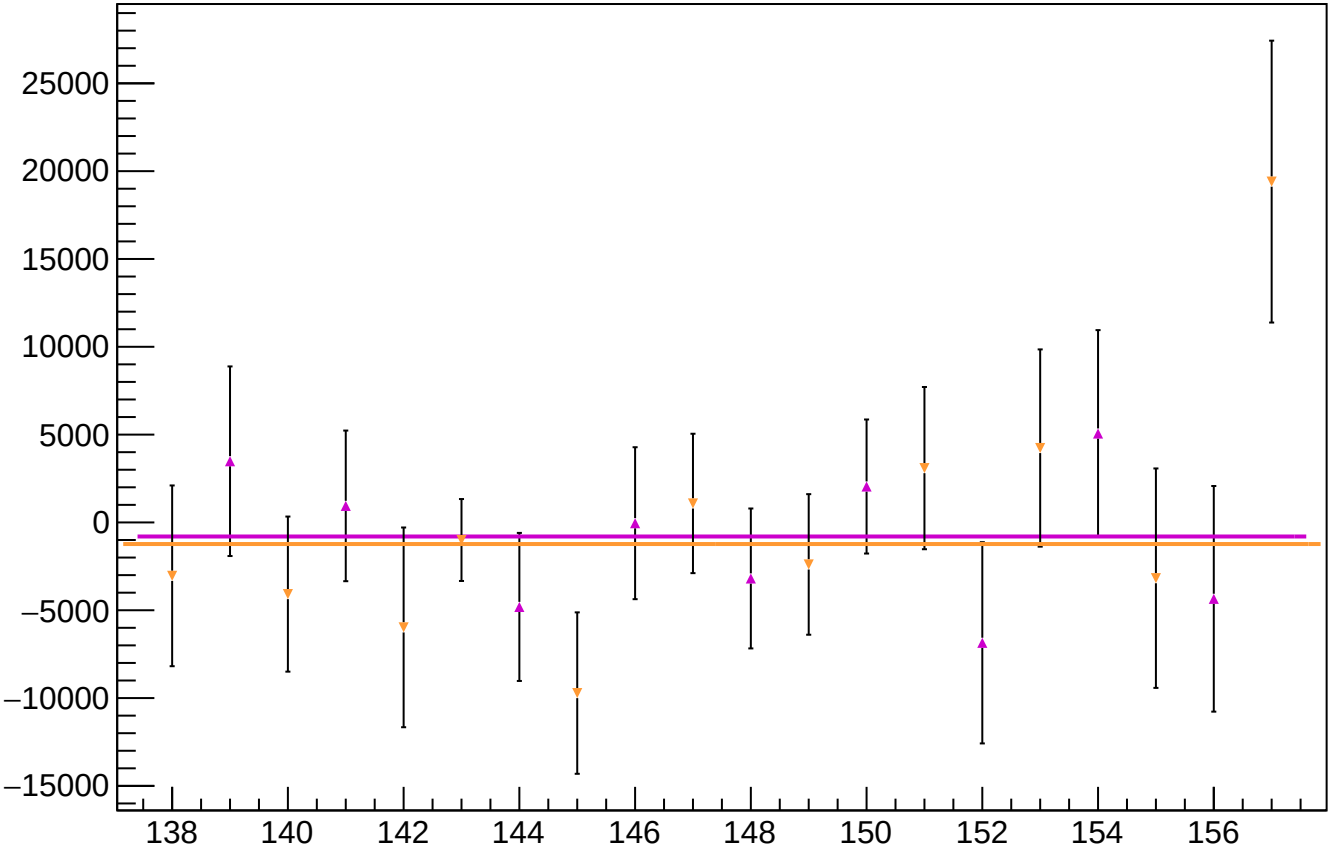
Right: 1400.004+/-0.274 χ^2/NDF: 879784.5/35

In: 1423.668+/-0.271 χ^2/NDF:558022.7/25

Out: 1445.092+/-0.267 χ^2/NDF:575370.1/29

All: 1434.547+/-0.190 χ^2/NDF: 1136563.6/55

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: -1230.123+/-1294.350 χ^2/NDF:13.6/10

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

Left In: -800.513+/-1554.740 χ^2/NDF:5.1/8

Left: -1054.256+/-994.746 χ^2/NDF: 18.7/19

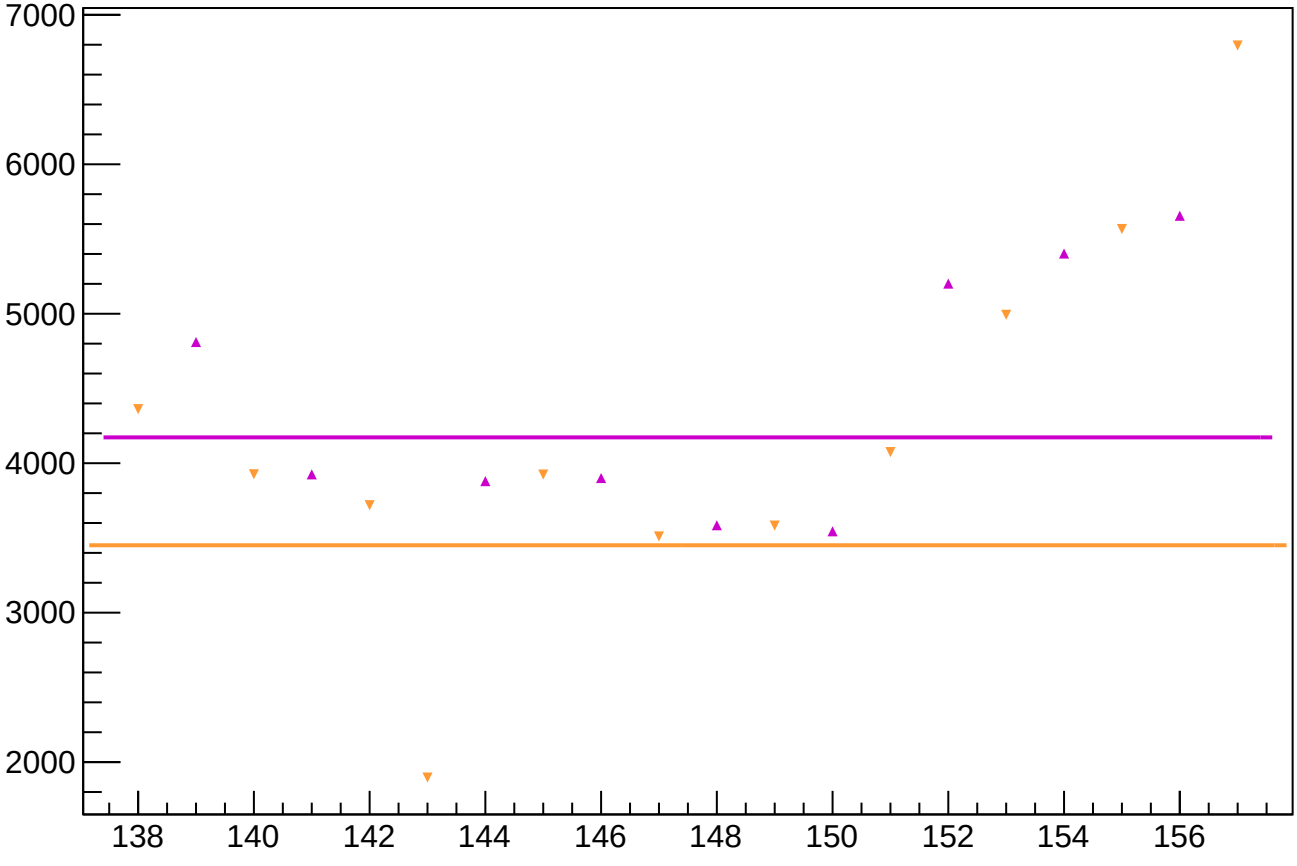
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -800.513+/-1554.740 χ^2/NDF:5.1/8

Out: -1230.123+/-1294.350 χ^2/NDF:13.6/10

All: -1054.256+/-994.746 χ^2/NDF: 18.7/19

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: 3451.007+/-0.915 χ^2/NDF:1766119.7/10

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

Left In: 4172.830+/-1.099 χ^2/NDF:408363.7/8

Left: 3746.495+/-0.703 χ^2/NDF: 2429106.2/19

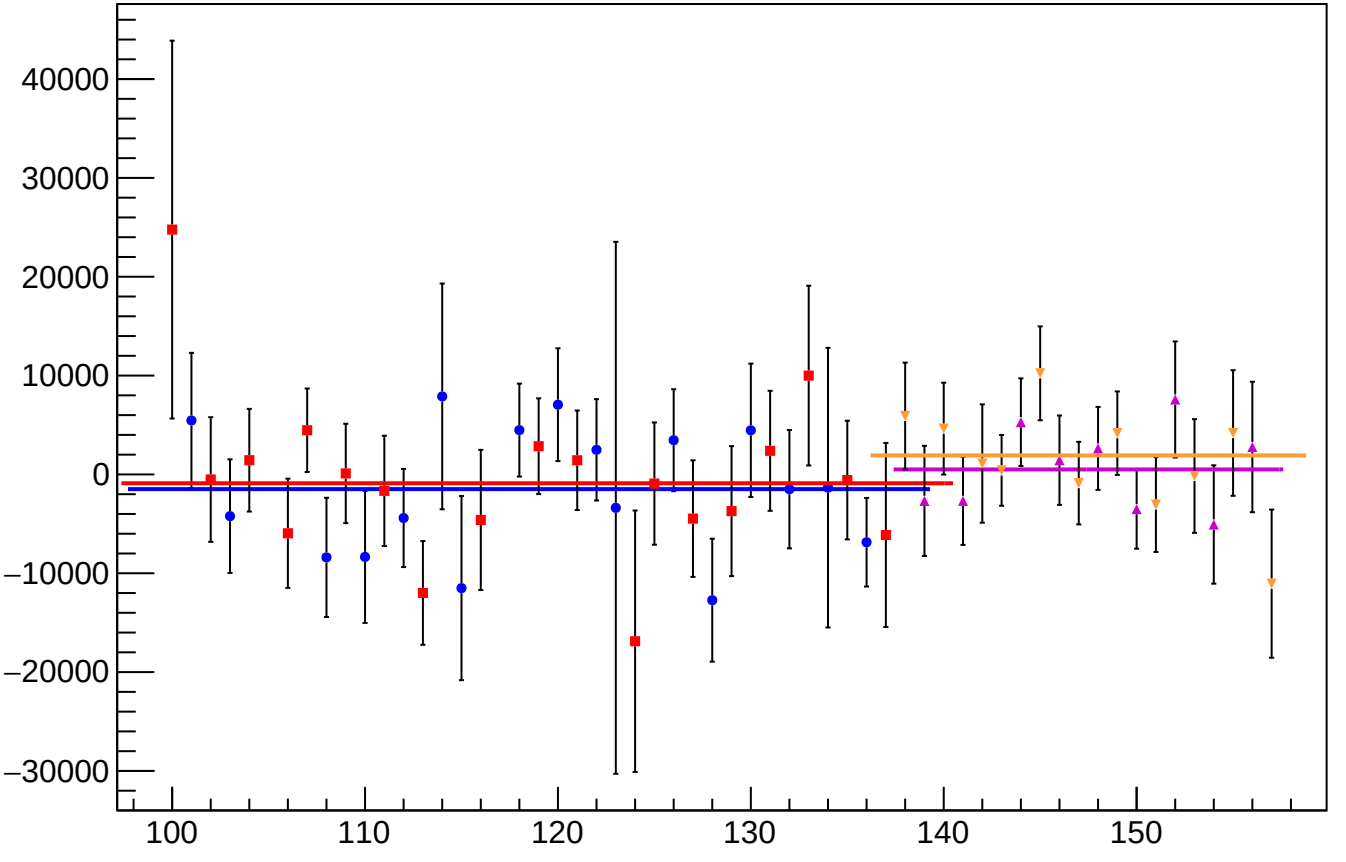
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4172.830+/-1.099 χ^2/NDF:408363.7/8

Out: 3451.007+/-0.915 χ^2/NDF:1766119.7/10

All: 3746.495+/-0.703 χ^2/NDF: 2429106.2/19

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: 1924.665+/-1473.845 χ^2/NDF:9.2/10

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

Left In: 502.564+/-1619.375 χ^2/NDF:5.7/8

Left: 1280.374+/-1089.992 χ^2/NDF: 15.4/19

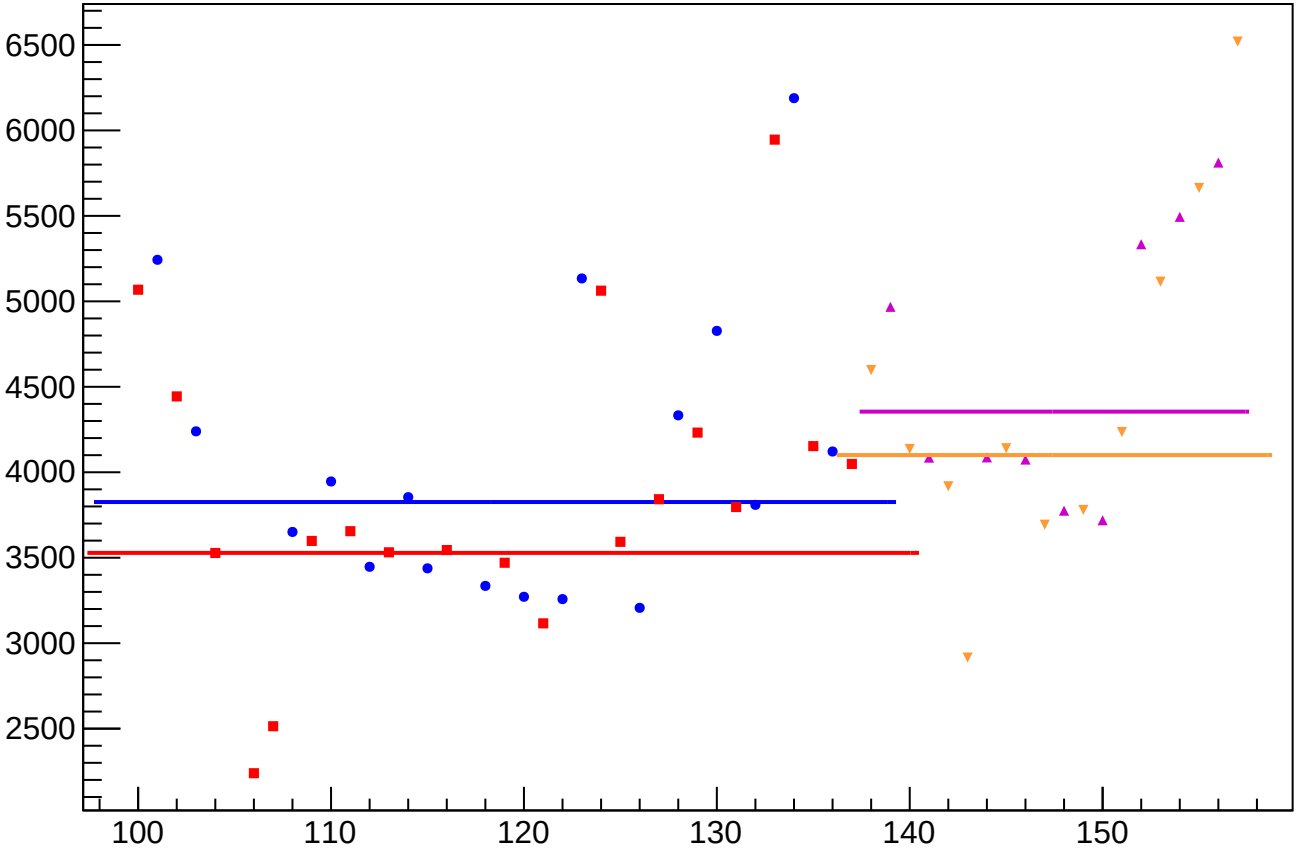
Right: -1165.879+/-1014.876 χ^2/NDF: 30.9/35

In: -568.848+/-1100.096 χ^2/NDF:23.2/25

Out: 421.550+/-1006.927 χ^2/NDF:25.3/29

All: -29.941+/-742.763 χ^2/NDF: 48.9/55

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: 4100.640+/-1.042 χ^2/NDF:661451.5/10

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

Left In: 4354.715+/-1.145 χ^2/NDF:360643.0/8

Left: 4215.750+/-0.771 χ^2/NDF: 1049022.5/19

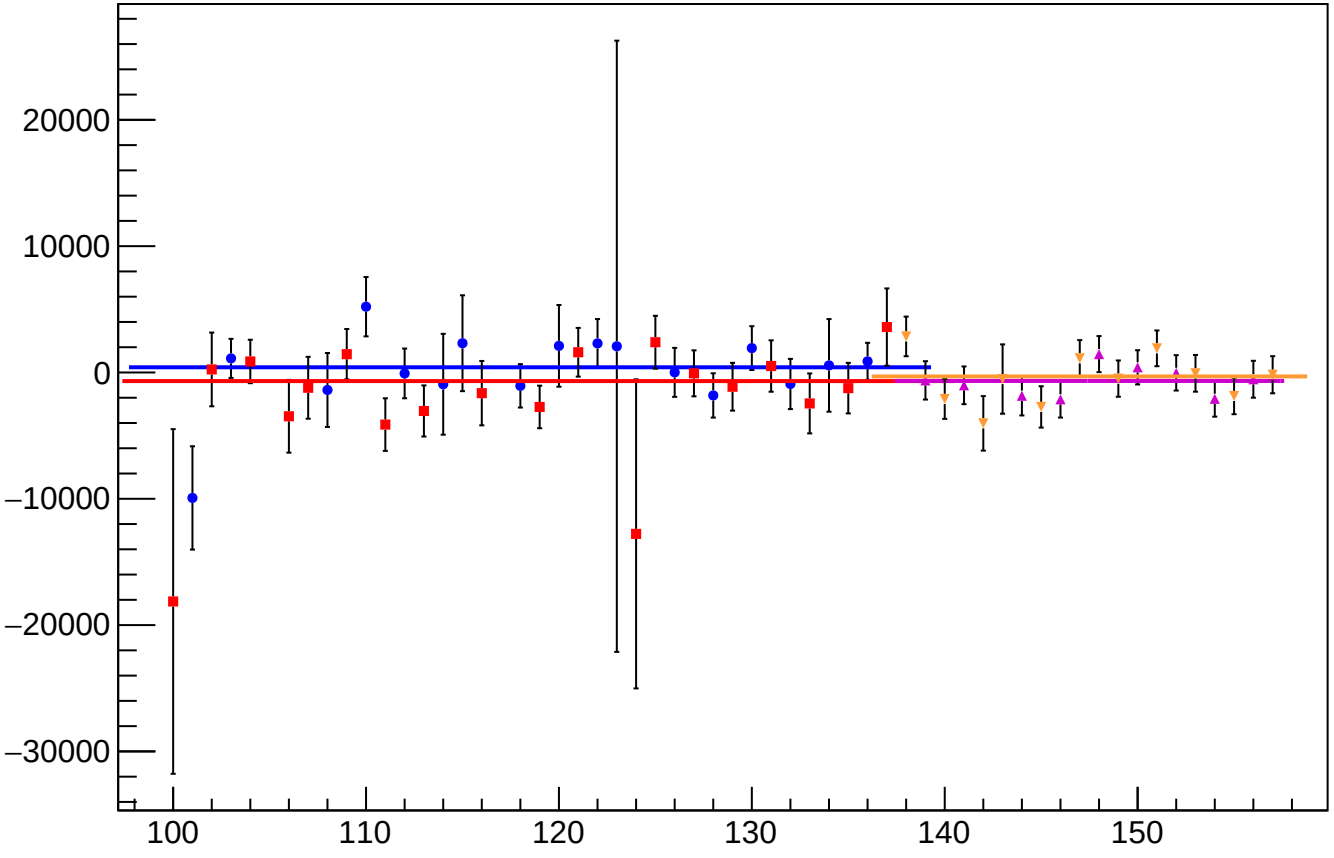
Right: 3663.316+/-0.714 χ^2/NDF: 932858.8/35

In: 4069.908+/-0.778 χ^2/NDF:809925.2/25

Out: 3792.839+/-0.709 χ^2/NDF:1379068.4/29

All: 3918.476+/-0.524 χ^2/NDF: 2258334.3/55

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: -313.398+/-476.239 χ^2/NDF:15.2/10

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

Left In: -671.520+/-482.929 χ^2/NDF:5.7/8

Left: -489.961+/-339.093 χ^2/NDF: 21.1/19

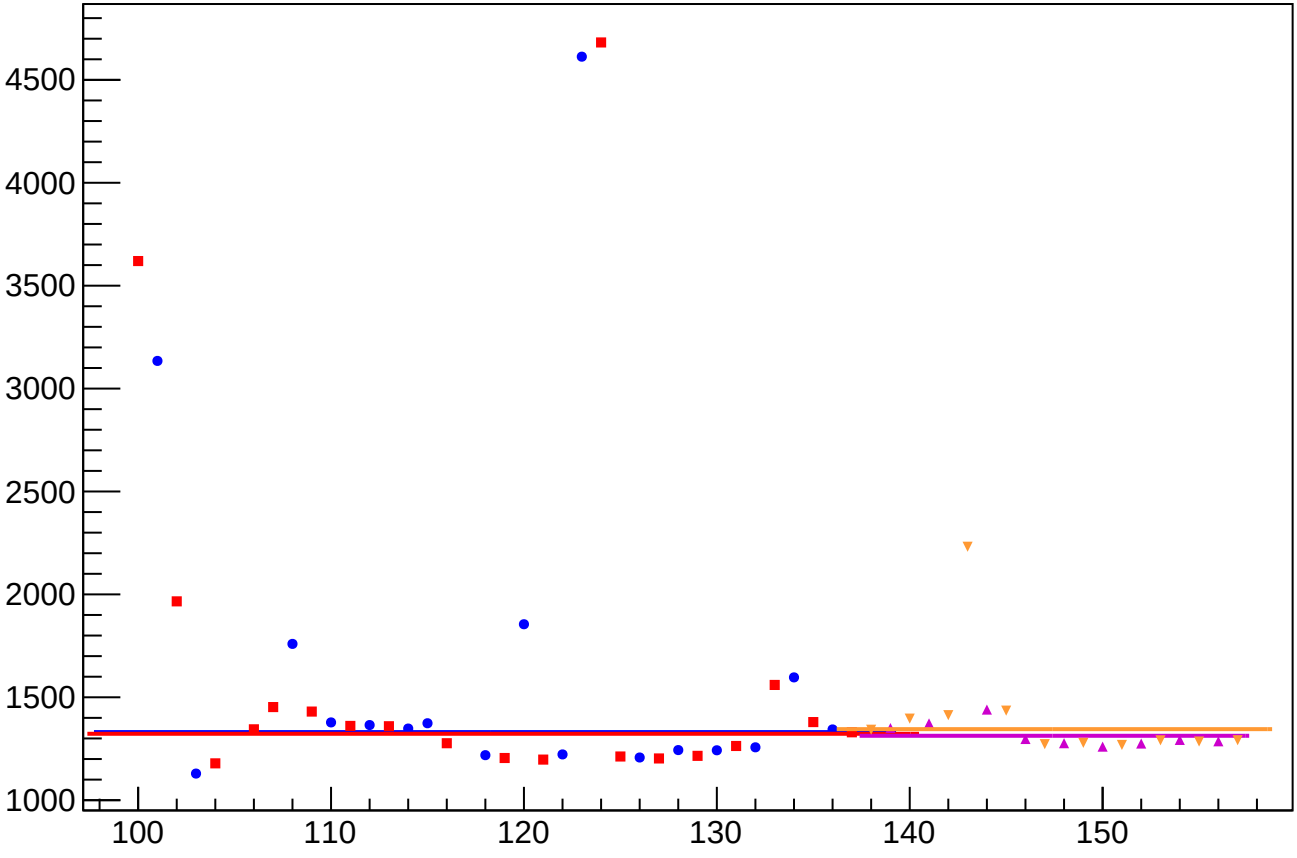
Right: -154.107+/-366.889 χ^2/NDF: 36.8/35

In: -178.215+/-356.347 χ^2/NDF:24.5/25

Out: -485.107+/-348.138 χ^2/NDF:33.5/29

All: -335.237+/-249.022 χ^2/NDF: 58.4/55

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: 1345.229+/-0.337 χ^2/NDF:242971.3/10

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

Left In: 1312.975+/-0.341 χ^2/NDF:24877.0/8

Left: 1329.327+/-0.240 χ^2/NDF: 272371.1/19

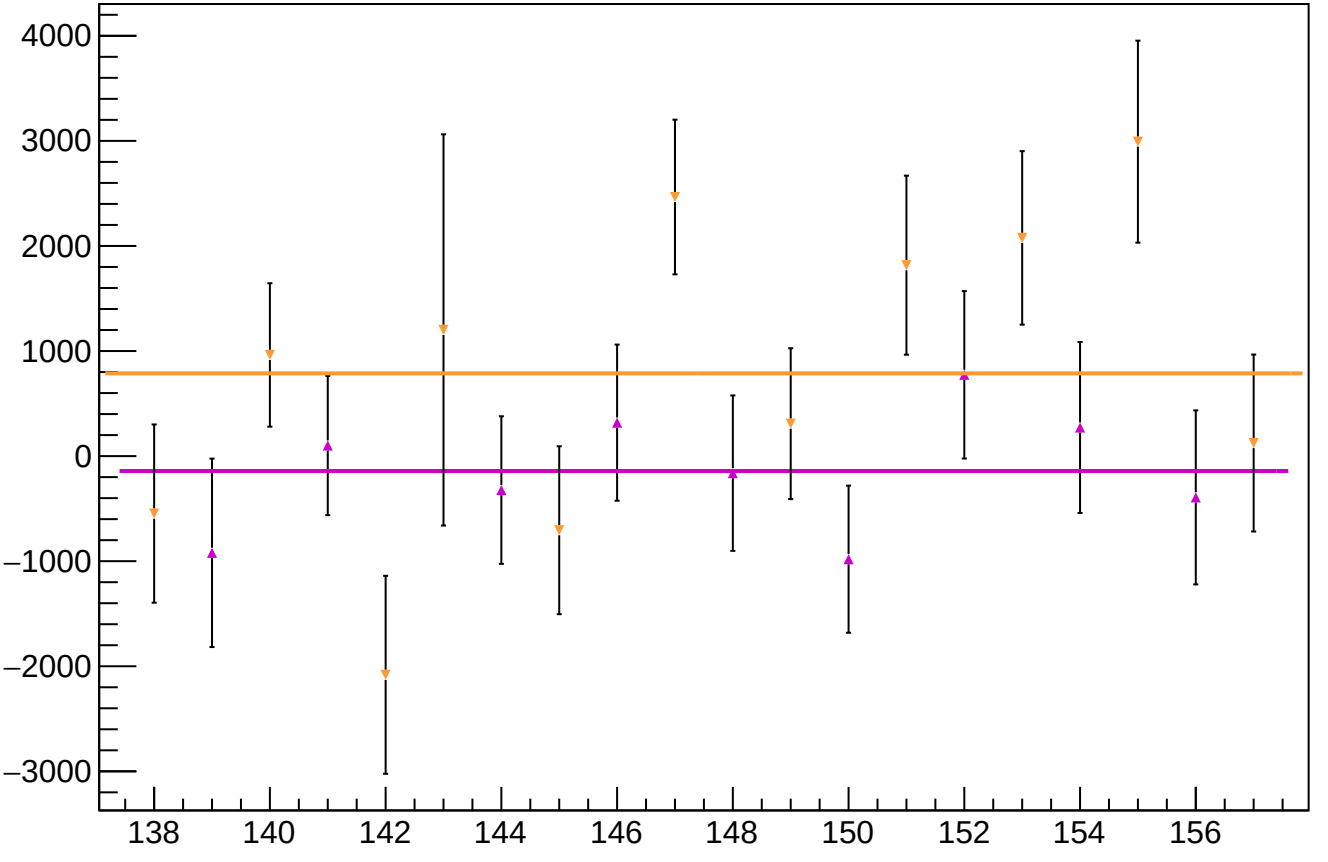
Right: 1326.657+/-0.259 χ^2/NDF: 998136.6/35

In: 1321.135+/-0.252 χ^2/NDF:629605.1/25

Out: 1334.741+/-0.246 χ^2/NDF:639467.8/29

All: 1328.097+/-0.176 χ^2/NDF: 1270564.7/55

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: 787.650+/-252.853 χ^2/NDF:30.8/10

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

Left In: -141.676+/-251.779 χ^2/NDF:4.4/8

Left: 321.010+/-178.413 χ^2/NDF: 42.0/19

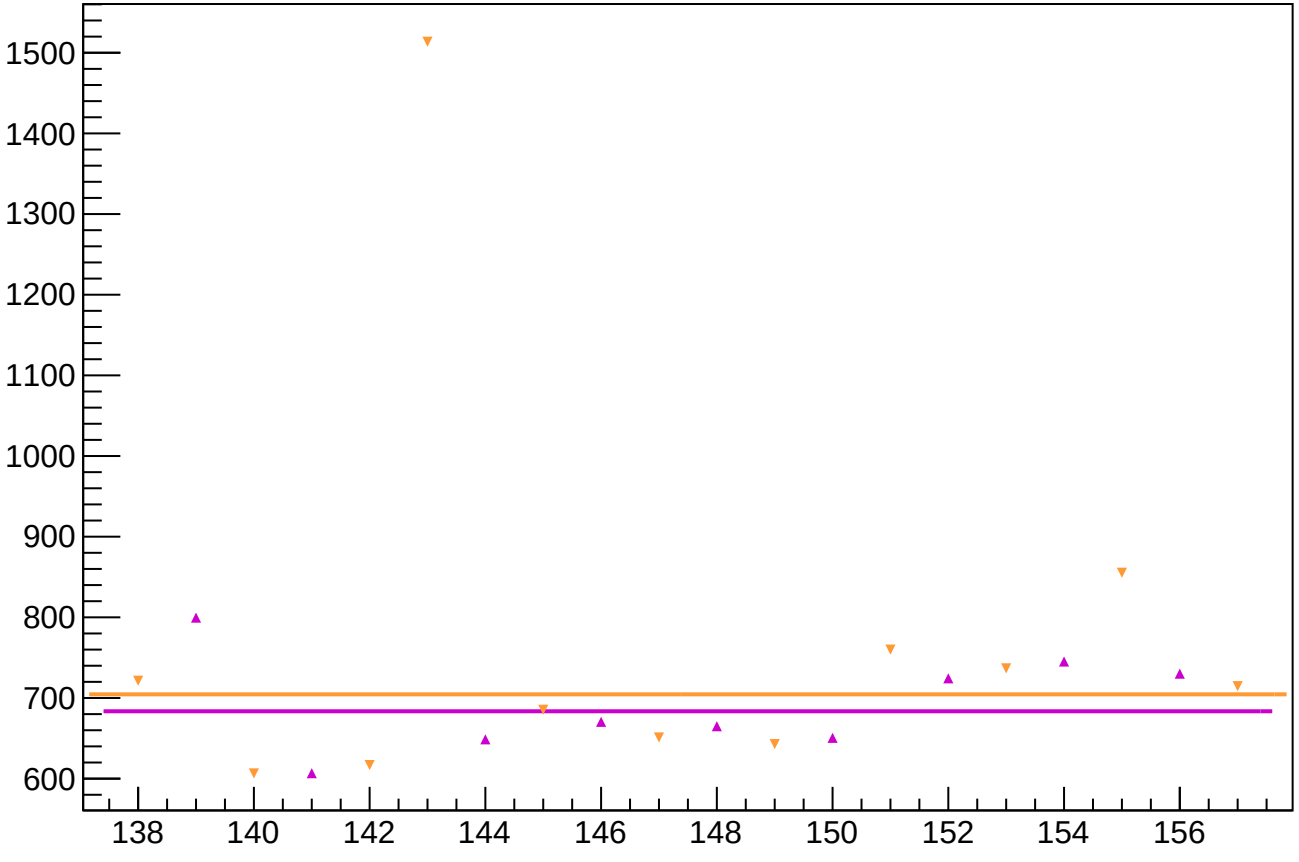
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -141.676+/-251.779 χ^2/NDF:4.4/8

Out: 787.650+/-252.853 χ^2/NDF:30.8/10

All: 321.010+/-178.413 χ^2/NDF: 42.0/19

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: 704.546+/-0.179 χ^2/NDF:524658.0/10

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

Left In: 683.529+/-0.178 χ^2/NDF:94703.4/8

Left: 693.993+/-0.126 χ^2/NDF: 626299.3/19

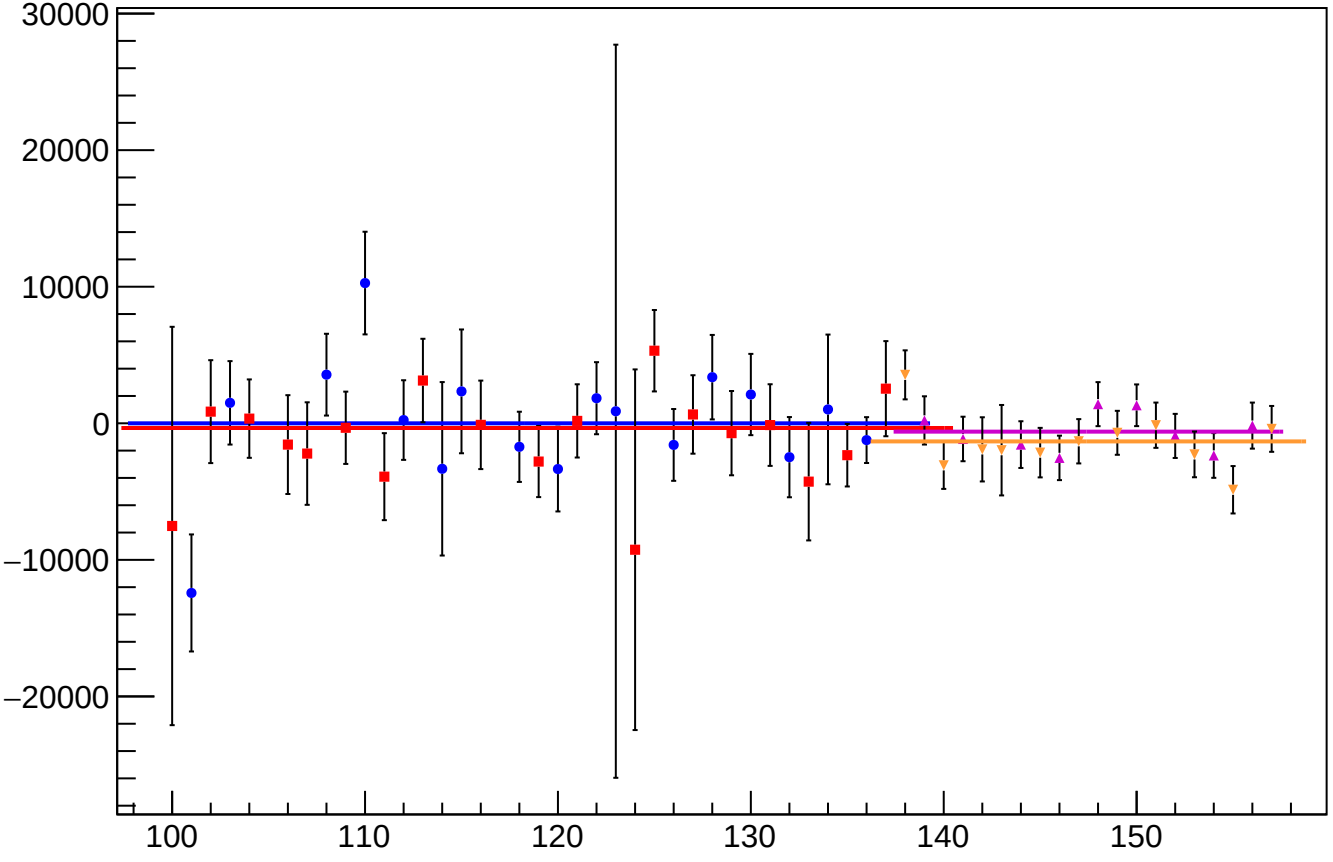
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 683.529+/-0.178 χ^2/NDF:94703.4/8

Out: 704.546+/-0.179 χ^2/NDF:524658.0/10

All: 693.993+/-0.126 χ^2/NDF: 626299.3/19

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: -1326.635+/-542.624 χ^2/NDF:14.2/10

Right Out: -345.148+/-733.723 χ^2/NDF: 10.7/18

Left In: -611.519+/-547.283 χ^2/NDF:6.4/8

Left: -972.134+/-385.330 χ^2/NDF: 21.4/19

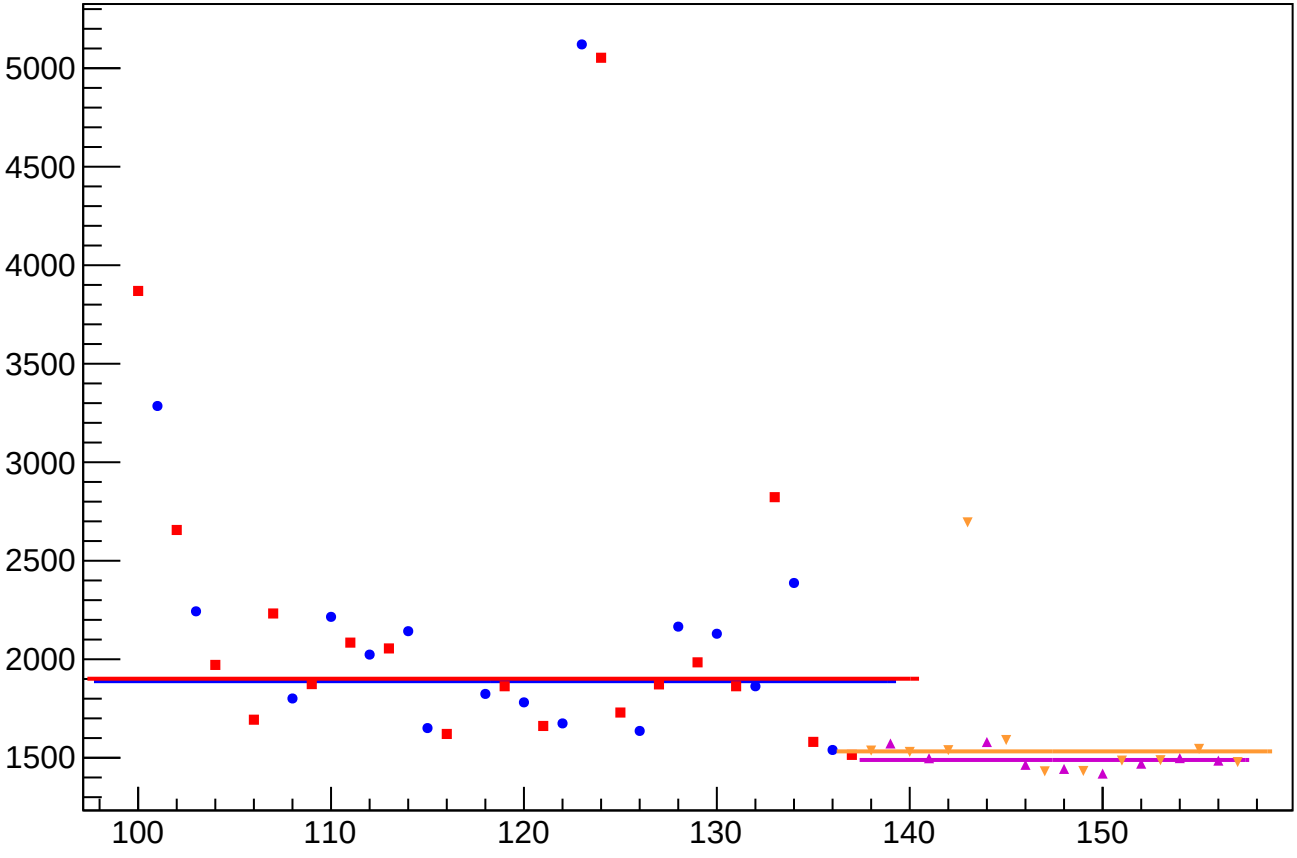
Right: -176.305+/-522.783 χ^2/NDF: 34.3/35

In: -397.976+/-441.076 χ^2/NDF:30.4/25

Out: -979.621+/-436.278 χ^2/NDF:26.0/29

All: -691.979+/-310.178 χ^2/NDF: 57.3/55

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: 1532.456+/-0.384 χ^2/NDF:269159.9/10

Right Out: 1901.248+/-0.519 χ^2/NDF: 461424.3/18

Left In: 1488.941+/-0.387 χ^2/NDF:16716.5/8

Left: 1510.884+/-0.272 χ^2/NDF: 292252.5/19

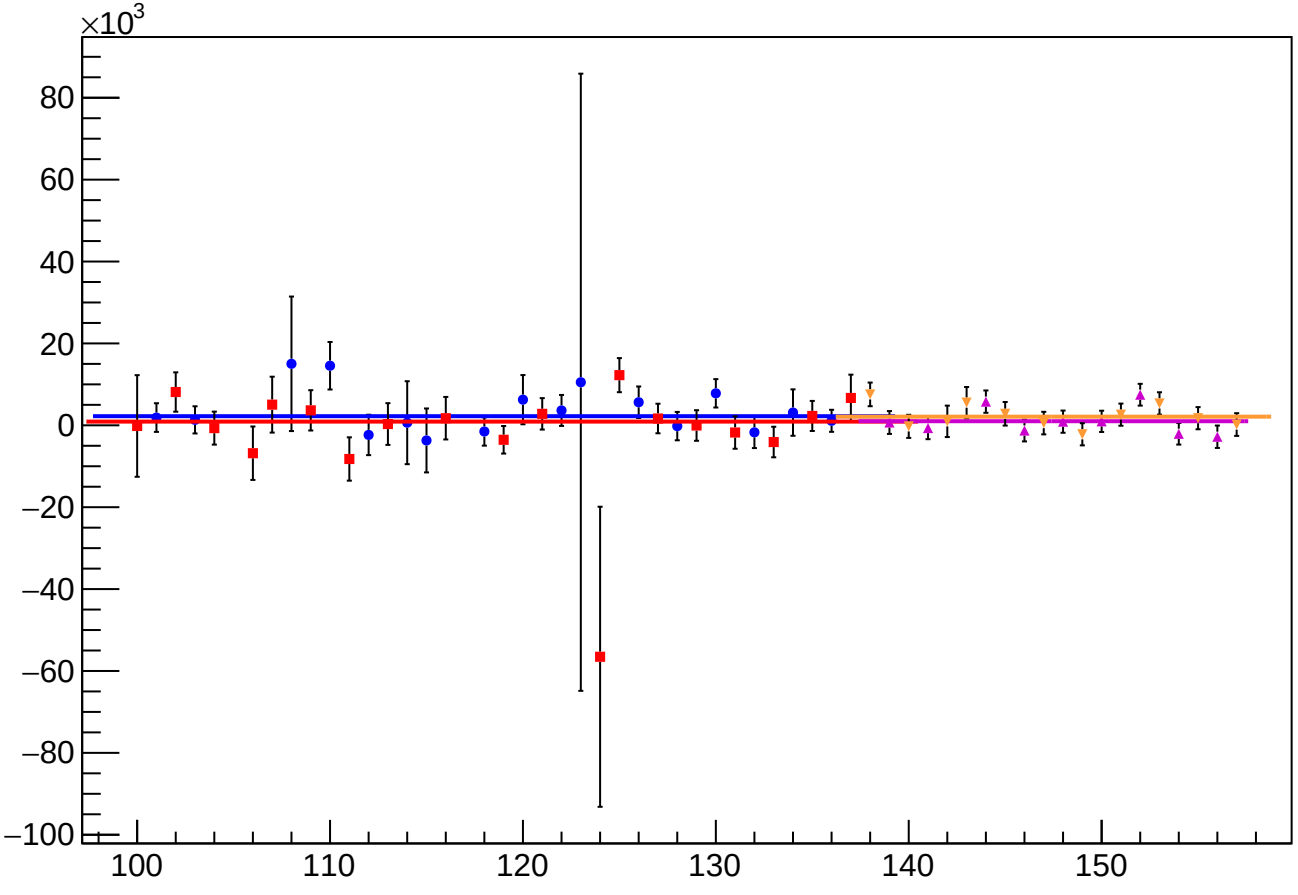
Right: 1895.125+/-0.370 χ^2/NDF: 927550.0/35

In: 1629.082+/-0.312 χ^2/NDF:856747.5/25

Out: 1662.848+/-0.308 χ^2/NDF:1057222.1/29

All: 1646.150+/-0.219 χ^2/NDF: 1919894.4/55

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2227.517+/-1039.288 χ^2/NDF: 13.6/16

Left Out: 2115.358+/-874.096 χ^2/NDF:10.0/10

Right Out: 907.837+/-1046.878 χ^2/NDF: 22.9/18

Left In: 999.992+/-896.419 χ^2/NDF:13.4/8

Left: 1571.736+/-625.822 χ^2/NDF: 24.2/19

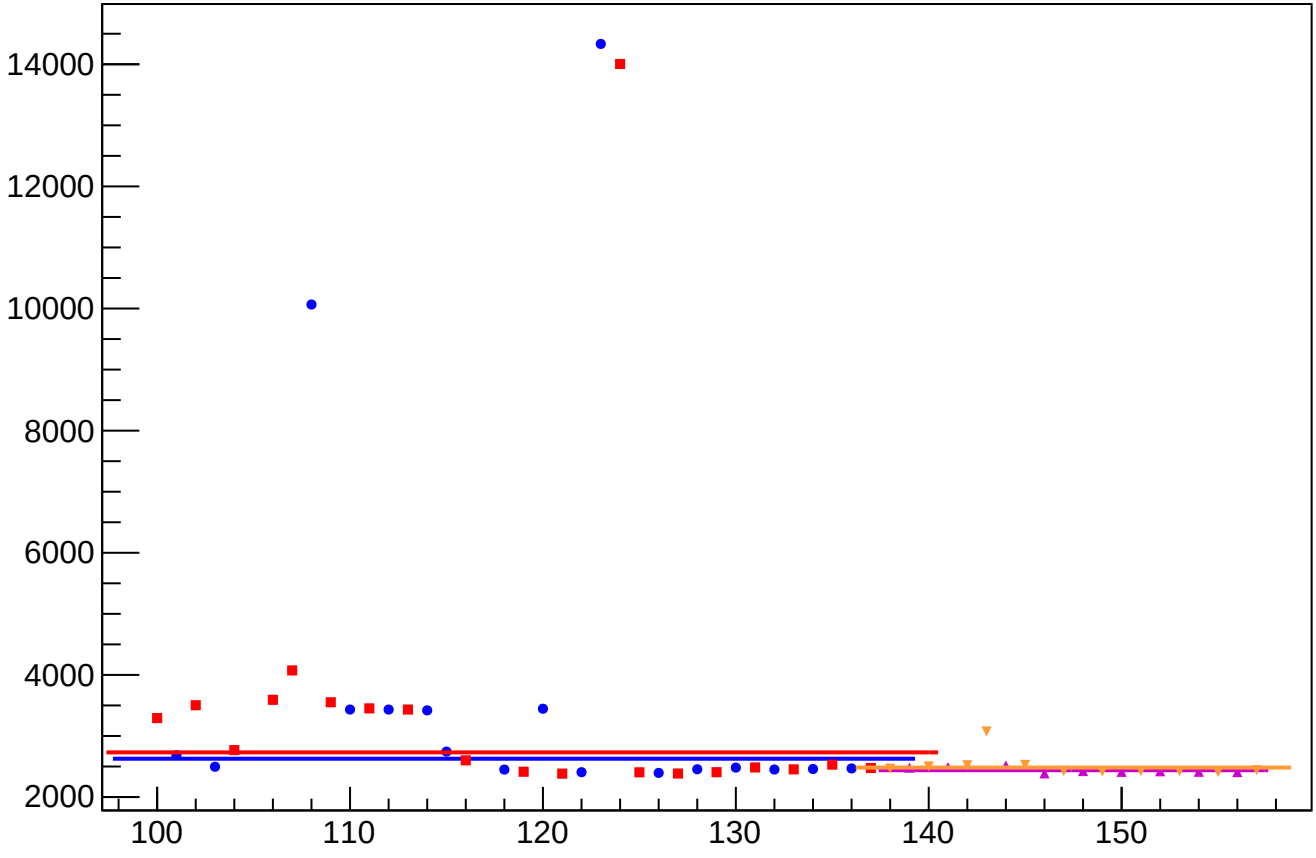
Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 1523.646+/-678.801 χ^2/NDF:27.8/25

Out: 1619.337+/-670.964 χ^2/NDF:33.7/29

All: 1572.047+/-477.190 χ^2/NDF: 61.5/55

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2627.570+/-0.735 χ^2/NDF: 644396.7/16

Left Out: 2482.850+/-0.618 χ^2/NDF:54868.1/10

Right Out: 2731.271+/-0.740 χ^2/NDF: 598207.5/18

Left In: 2439.535+/-0.634 χ^2/NDF:4438.5/8

Left: 2461.739+/-0.443 χ^2/NDF: 61700.3/19

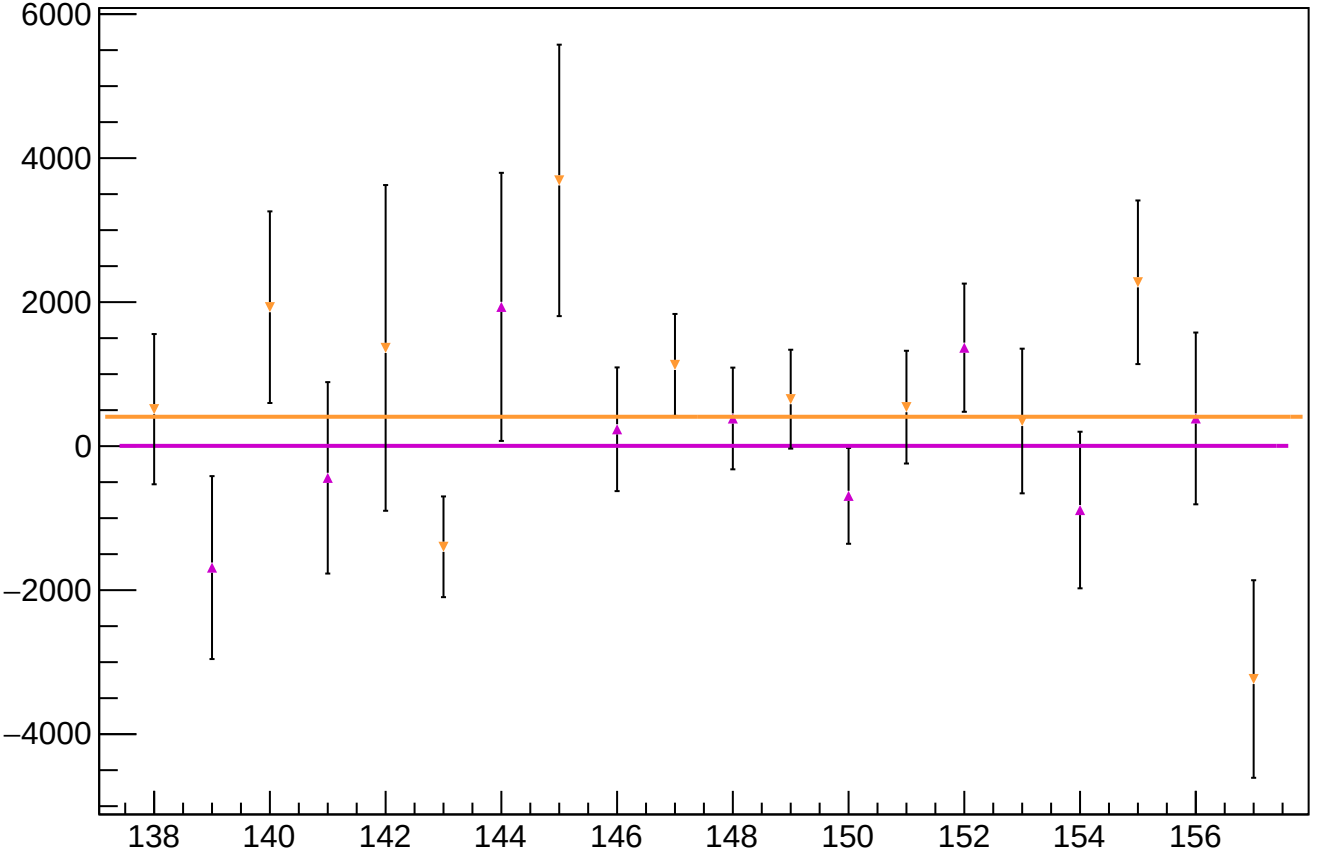
Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2519.750+/-0.480 χ^2/NDF:686375.4/25

Out: 2584.896+/-0.474 χ^2/NDF:719433.7/29

All: 2552.701+/-0.337 χ^2/NDF: 1415126.7/55

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 408.199+/-288.090 χ^2/NDF:22.1/10

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

Left In: 3.979+/-317.799 χ^2/NDF:7.5/8

Left: 225.862+/-213.443 χ^2/NDF: 30.6/19

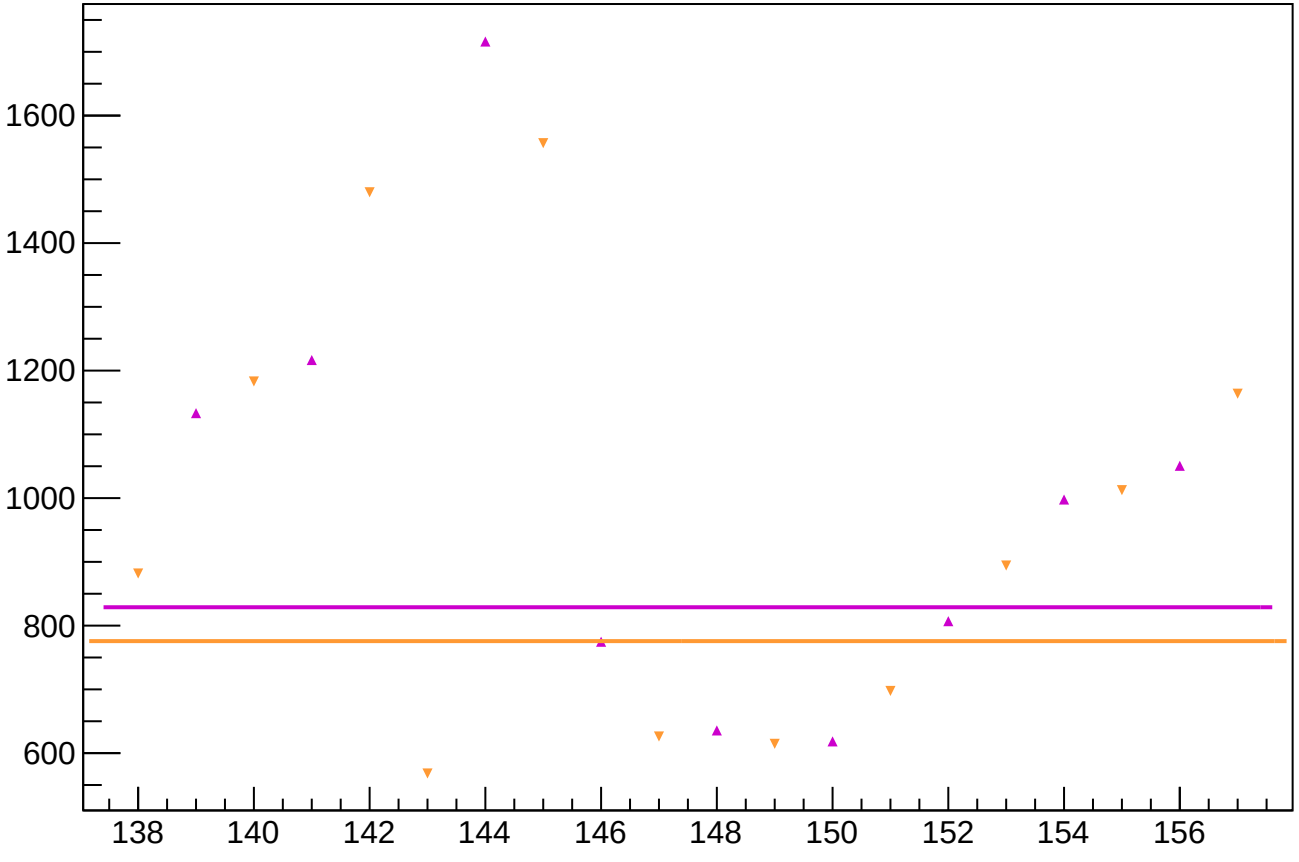
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.979+/-317.799 χ^2/NDF:7.5/8

Out: 408.199+/-288.090 χ^2/NDF:22.1/10

All: 225.862+/-213.443 χ^2/NDF: 30.6/19

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 775.692+/-0.204 χ^2/NDF:1415401.5/10

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

Left In: 828.826+/-0.225 χ^2/NDF:1215575.4/8

Left: 799.660+/-0.151 χ^2/NDF: 2661665.6/19

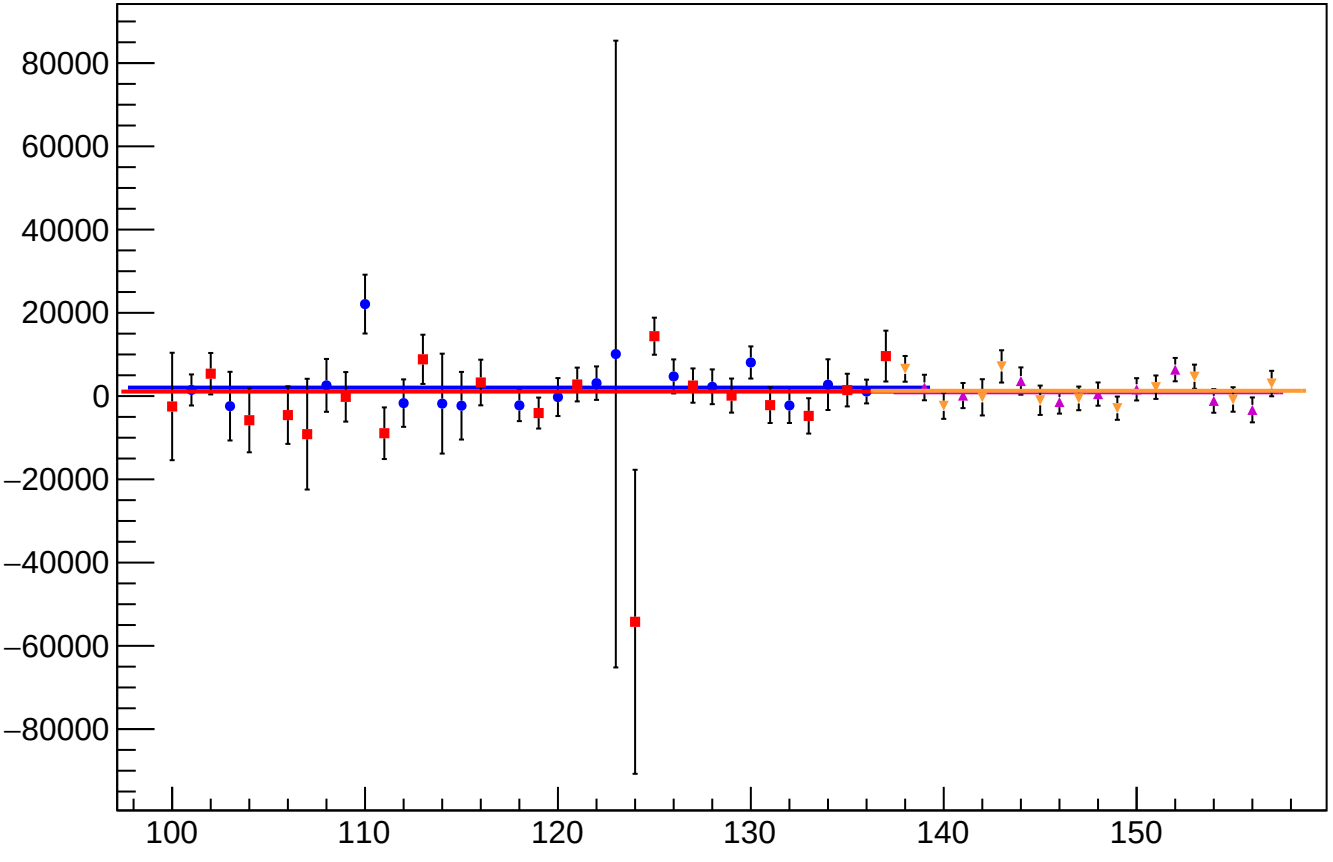
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 828.826+/-0.225 χ^2/NDF:1215575.4/8

Out: 775.692+/-0.204 χ^2/NDF:1415401.5/10

All: 799.660+/-0.151 χ^2/NDF: 2661665.6/19

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2037.803+/-1151.419 χ^2/NDF: 14.8/16

Left Out: 1273.372+/-942.553 χ^2/NDF:12.0/10

Right Out: 1080.125+/-1186.666 χ^2/NDF: 25.3/18

Left In: 906.736+/-967.817 χ^2/NDF:8.0/8

Left: 1094.902+/-675.241 χ^2/NDF: 20.0/19

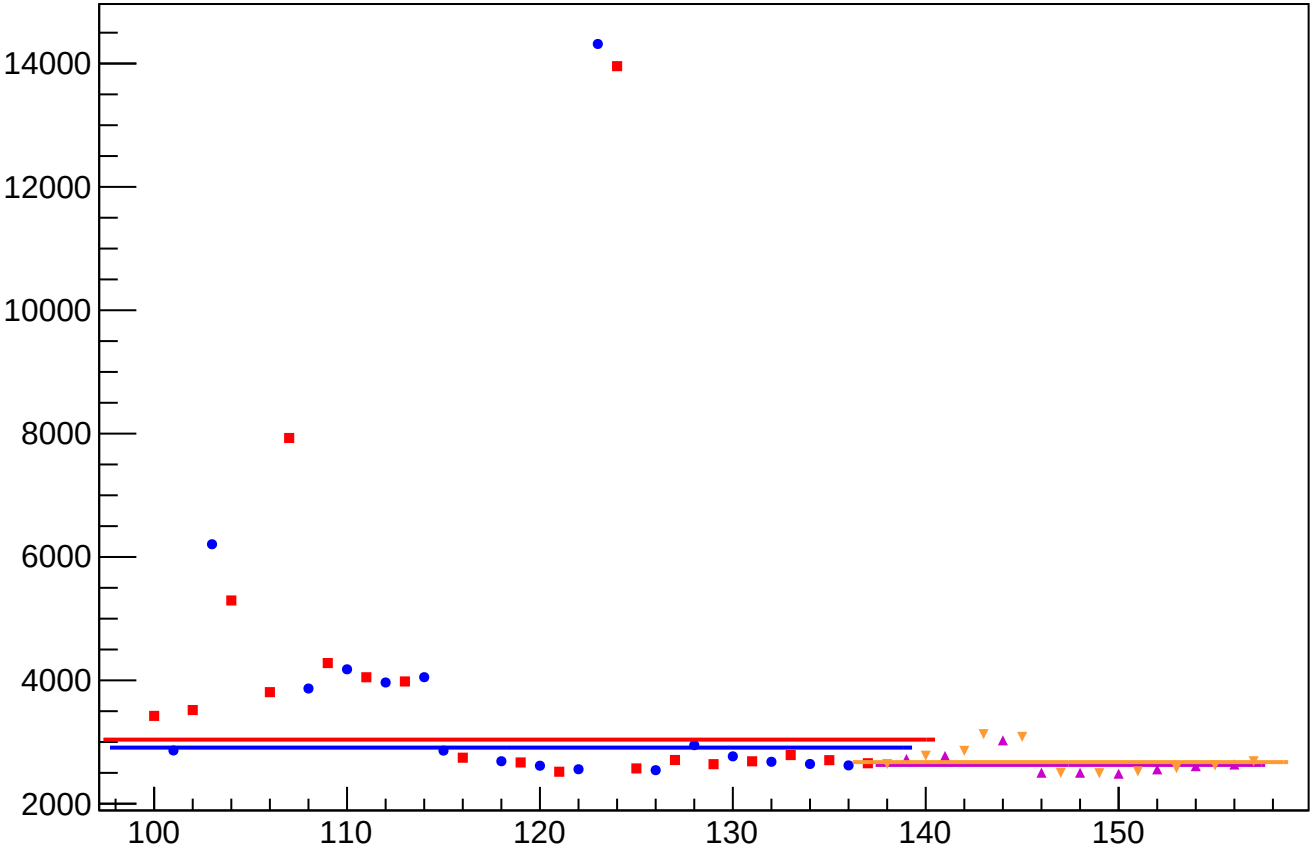
Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1375.009+/-740.864 χ^2/NDF:23.4/25

Out: 1198.617+/-738.063 χ^2/NDF:37.3/29

All: 1286.479+/-522.877 χ^2/NDF: 60.7/55

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732+/-0.814 χ^2/NDF: 641894.7/16

Left Out: 2674.342+/-0.666 χ^2/NDF:84700.1/10

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

Left In: 2629.187+/-0.684 χ^2/NDF:51374.4/8

Left: 2652.362+/-0.477 χ^2/NDF: 138308.8/19

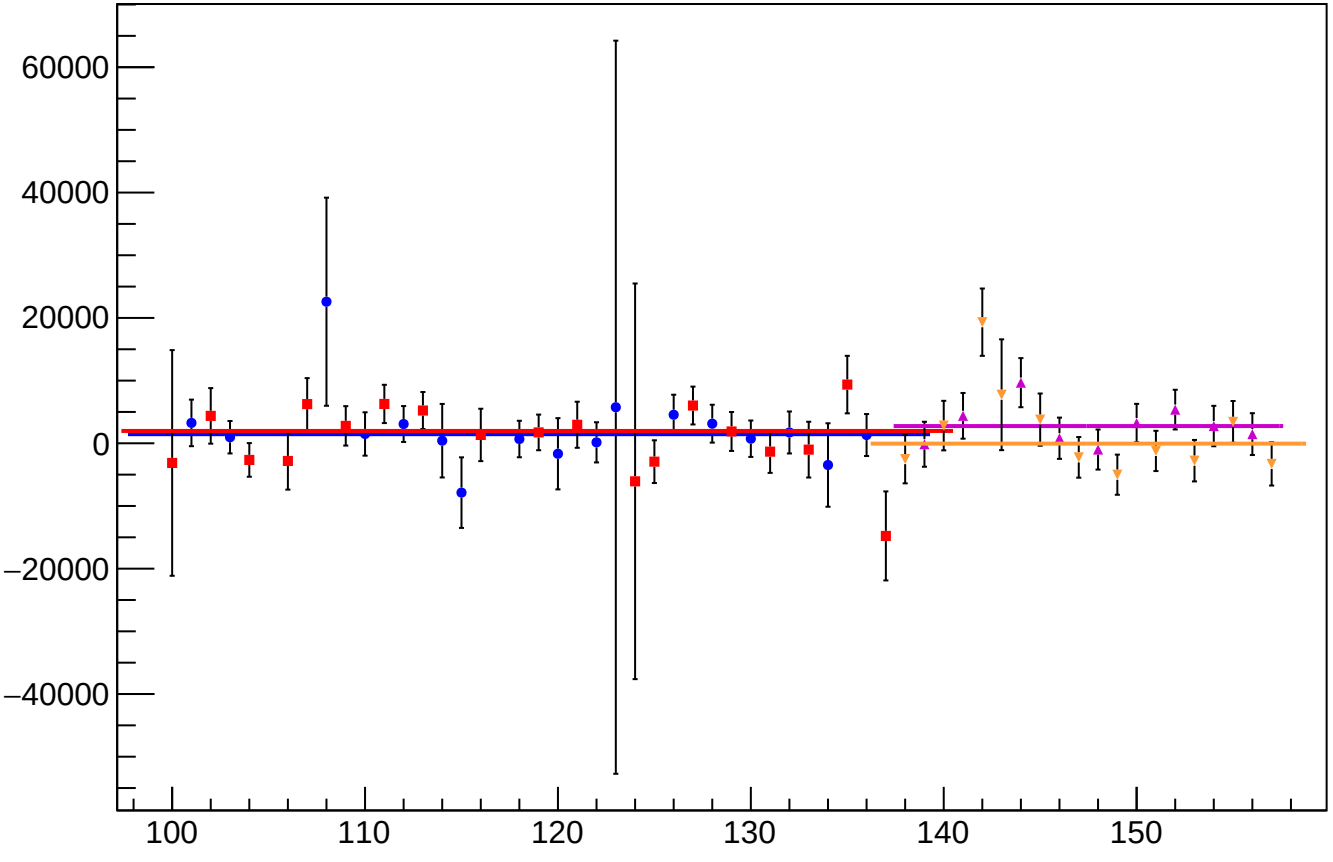
Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2745.336+/-0.524 χ^2/NDF:762845.0/25

Out: 2815.451+/-0.522 χ^2/NDF:1211884.3/29

All: 2780.526+/-0.370 χ^2/NDF: 1983720.0/55

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: -54.170+/-1124.497 χ^2/NDF:21.2/10

Right Out: 1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: 2748.889+/-1117.829 χ^2/NDF:6.6/8

Left: 1355.694+/-792.771 χ^2/NDF: 30.9/19

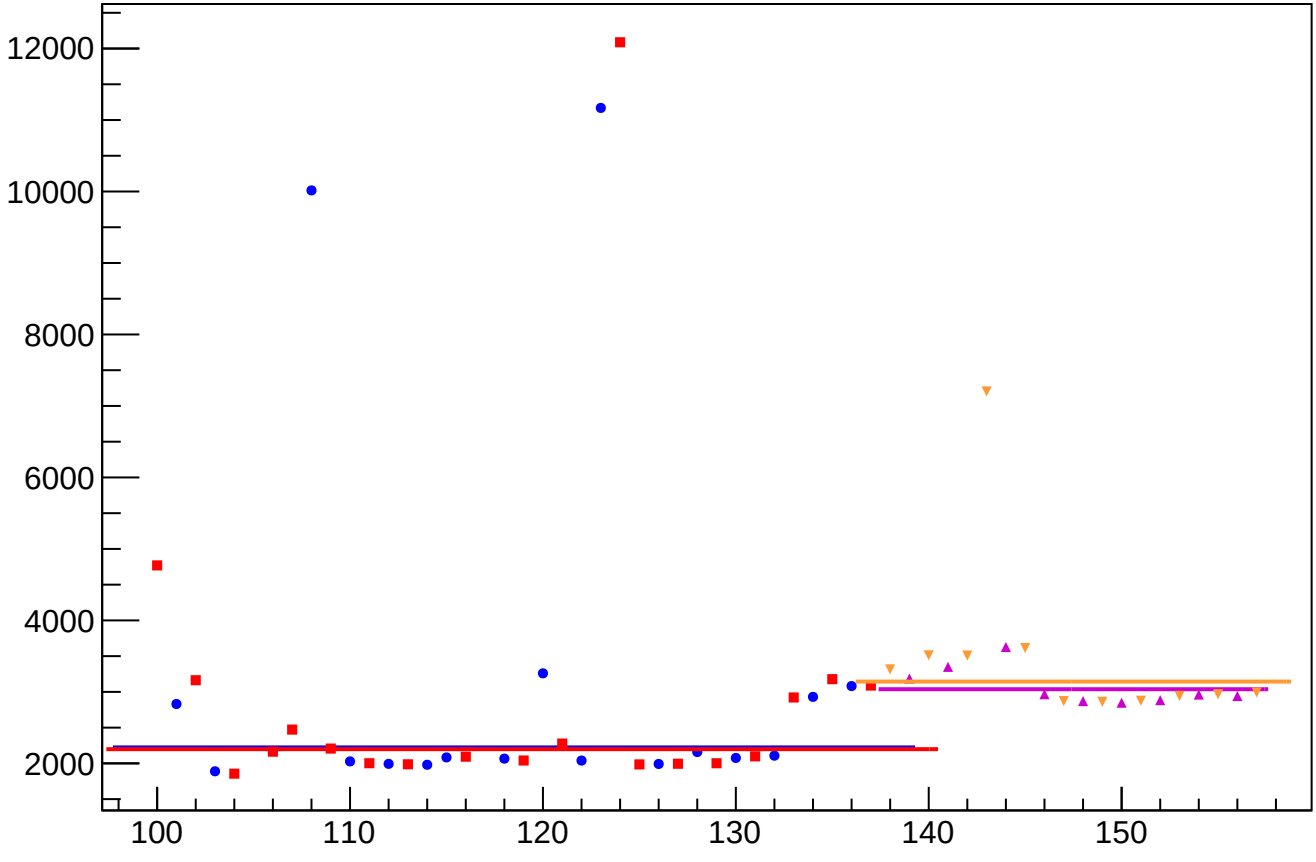
Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 1954.458+/-695.792 χ^2/NDF:14.8/25

Out: 1232.921+/-678.326 χ^2/NDF:45.6/29

All: 1584.520+/-485.706 χ^2/NDF: 61.0/55

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 3144.164+/-0.795 χ^2/NDF:537939.1/10

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 3037.261+/-0.790 χ^2/NDF:84833.3/8

Left: 3090.394+/-0.561 χ^2/NDF: 631864.1/19

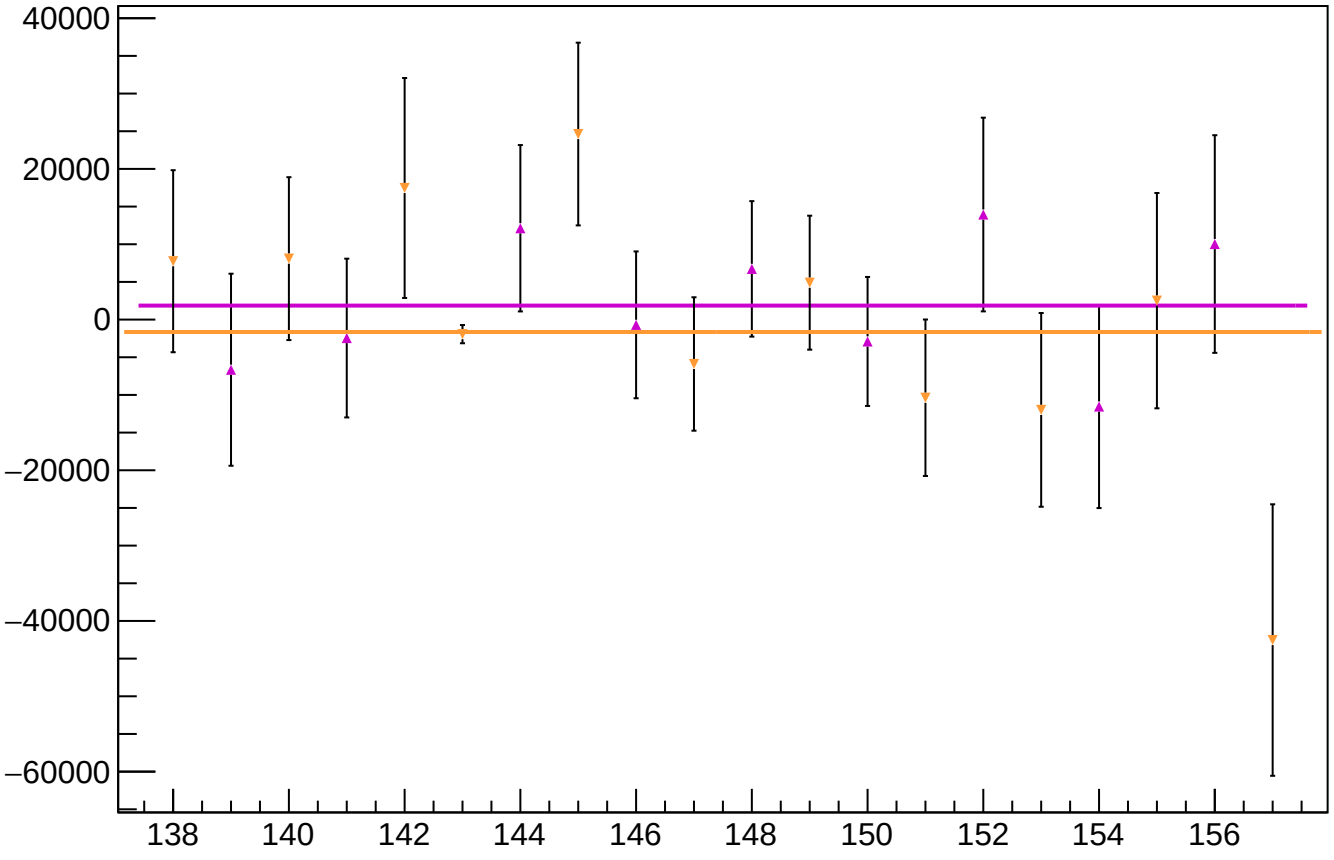
Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2538.560+/-0.492 χ^2/NDF:1584971.6/25

Out: 2542.458+/-0.479 χ^2/NDF:2040093.9/29

All: 2540.559+/-0.343 χ^2/NDF: 3625097.7/55

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1646.527+/-1146.987 χ^2/NDF:15.2/10

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

Left In: 1857.391+/-3621.104 χ^2/NDF:4.3/8

Left: -1327.031+/-1093.444 χ^2/NDF: 20.4/19

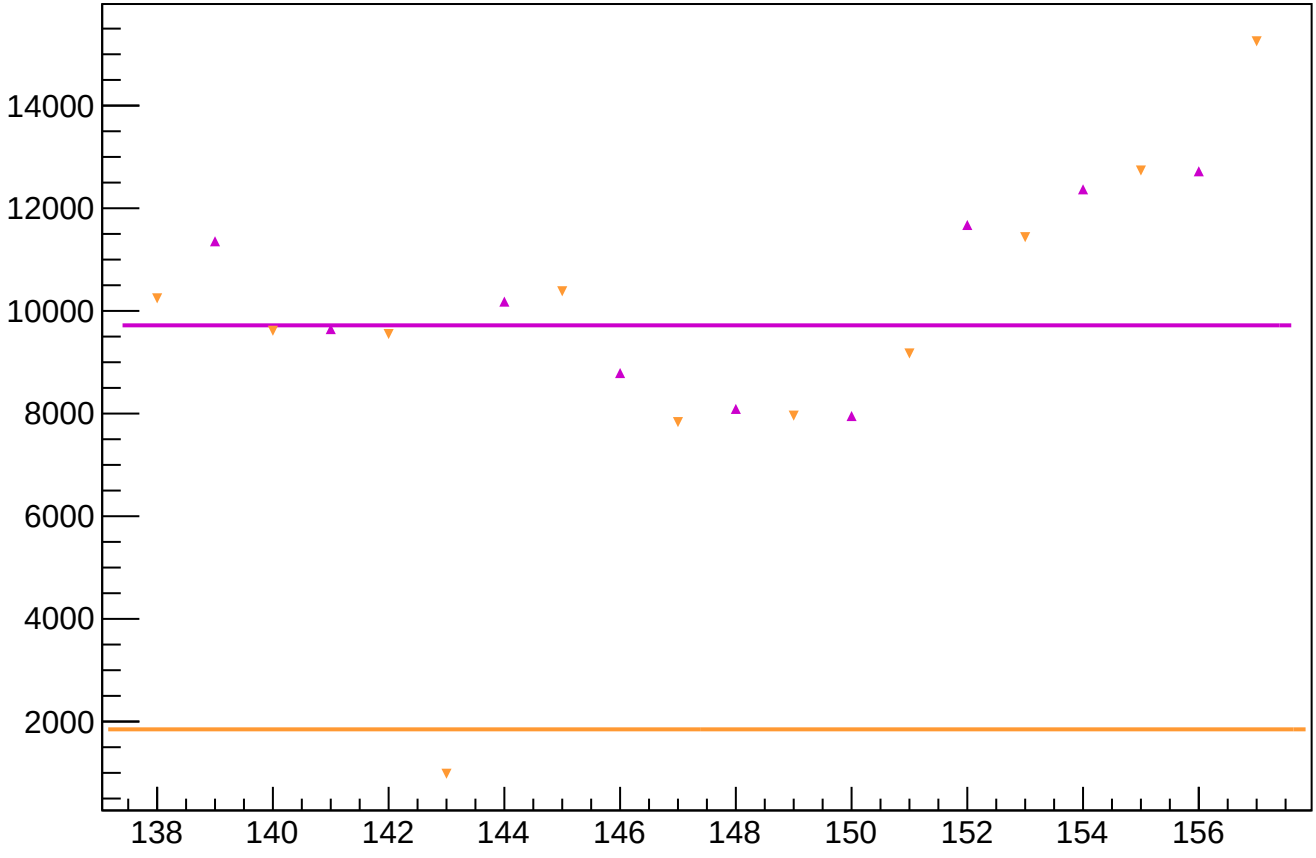
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1857.391+/-3621.104 χ^2/NDF:4.3/8

Out: -1646.527+/-1146.987 χ^2/NDF:15.2/10

All: -1327.031+/-1093.444 χ^2/NDF: 20.4/19

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1848.104+/-0.811 χ^2/NDF:10803466.8/10

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

Left In: 9718.943+/-2.561 χ^2/NDF:415525.7/8

Left: 2565.787+/-0.773 χ^2/NDF: 19806490.8/19

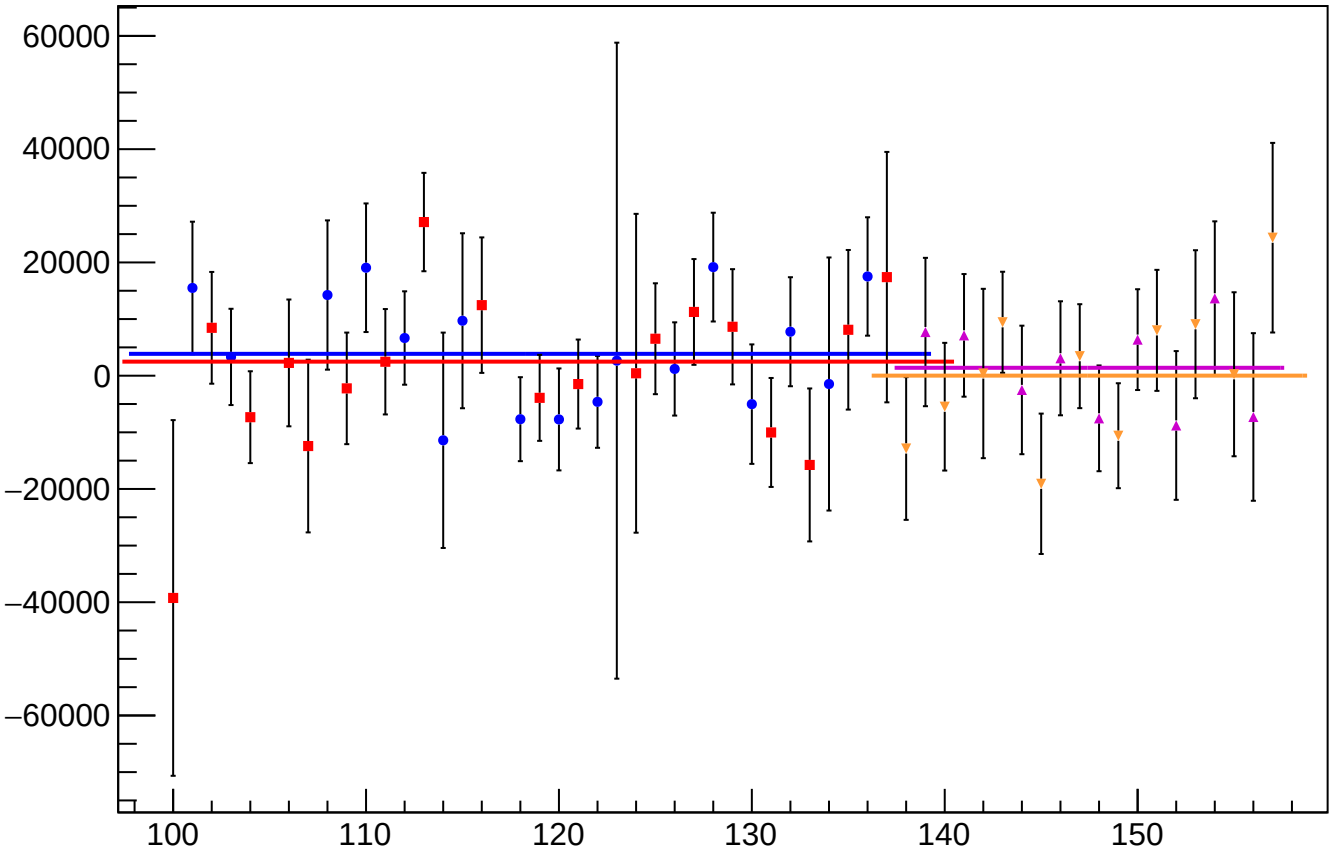
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9718.943+/-2.561 χ^2/NDF:415525.7/8

Out: 1848.104+/-0.811 χ^2/NDF:10803466.8/10

All: 2565.787+/-0.773 χ^2/NDF: 19806490.8/1

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: 11.227+/-3446.682 χ^2/NDF:9.4/10

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: 1395.431+/-3730.443 χ^2/NDF:3.6/8

Left: 648.687+/-2531.553 χ^2/NDF: 13.1/19

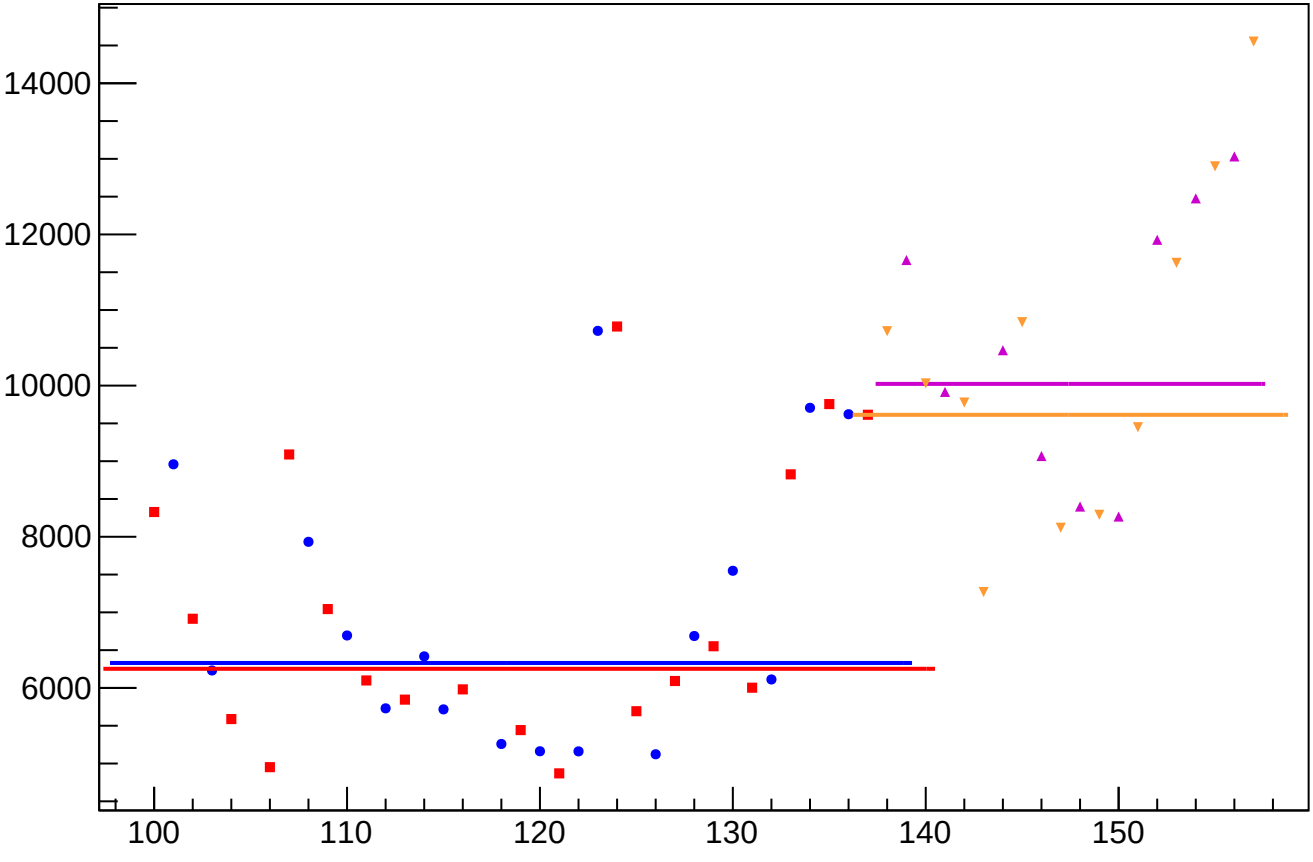
Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 3092.376+/-2081.796 χ^2/NDF:18.7/25

Out: 1666.183+/-1981.280 χ^2/NDF:29.8/29

All: 2344.019+/-1435.196 χ^2/NDF: 48.7/55

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 9613.352+/-2.437 χ^2/NDF:594673.0/10

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

Left In: 10022.642+/-2.638 χ^2/NDF:380800.3/8

Left: 9801.841+/-1.790 χ^2/NDF: 988461.4/19

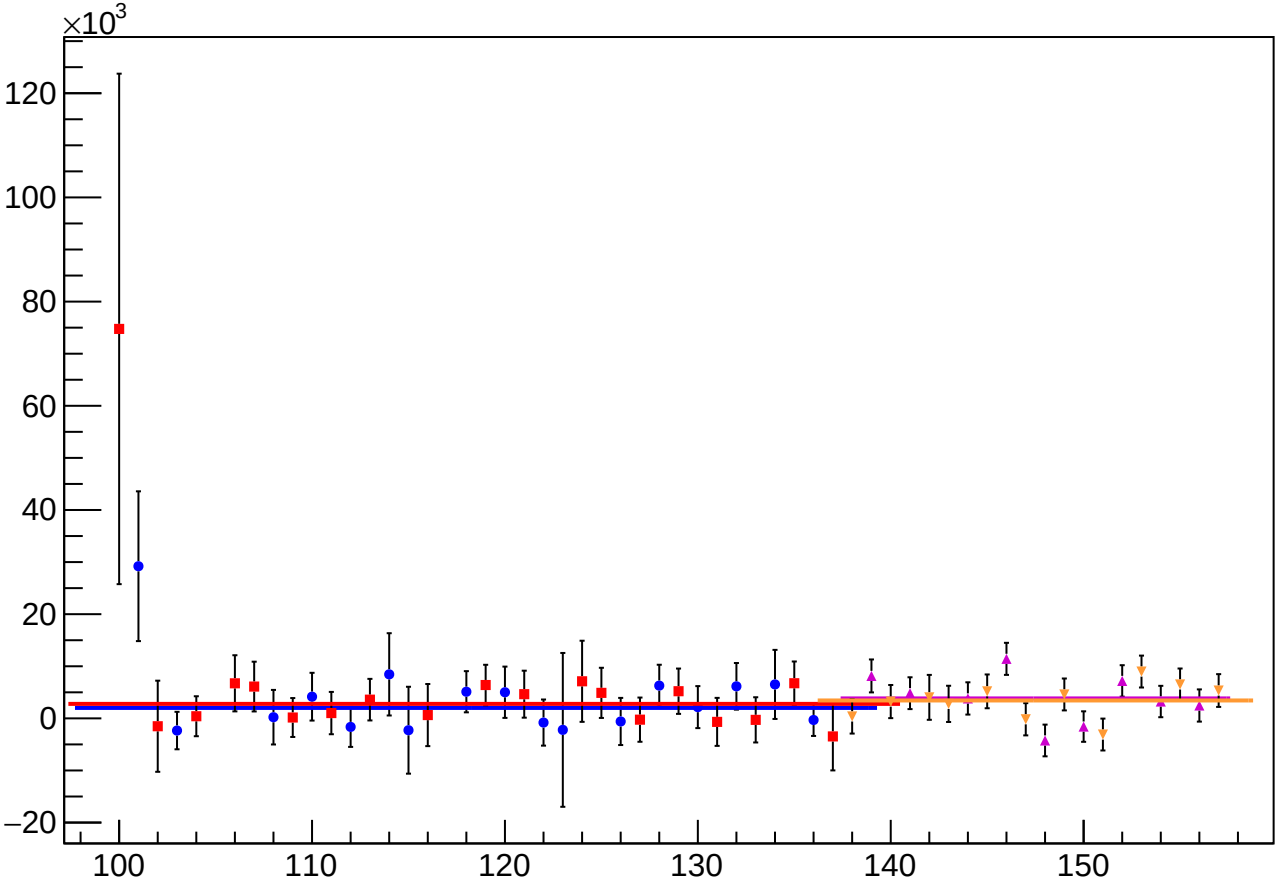
Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 7480.180+/-1.472 χ^2/NDF:2323366.3/25

Out: 7363.539+/-1.401 χ^2/NDF:2402699.3/29

All: 7418.974+/-1.015 χ^2/NDF: 4729360.2/55

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 3437.101+/-973.413 χ^2/NDF:12.0/10

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 3829.085+/-1017.303 χ^2/NDF:20.0/8

Left: 3624.455+/-703.311 χ^2/NDF: 32.0/19

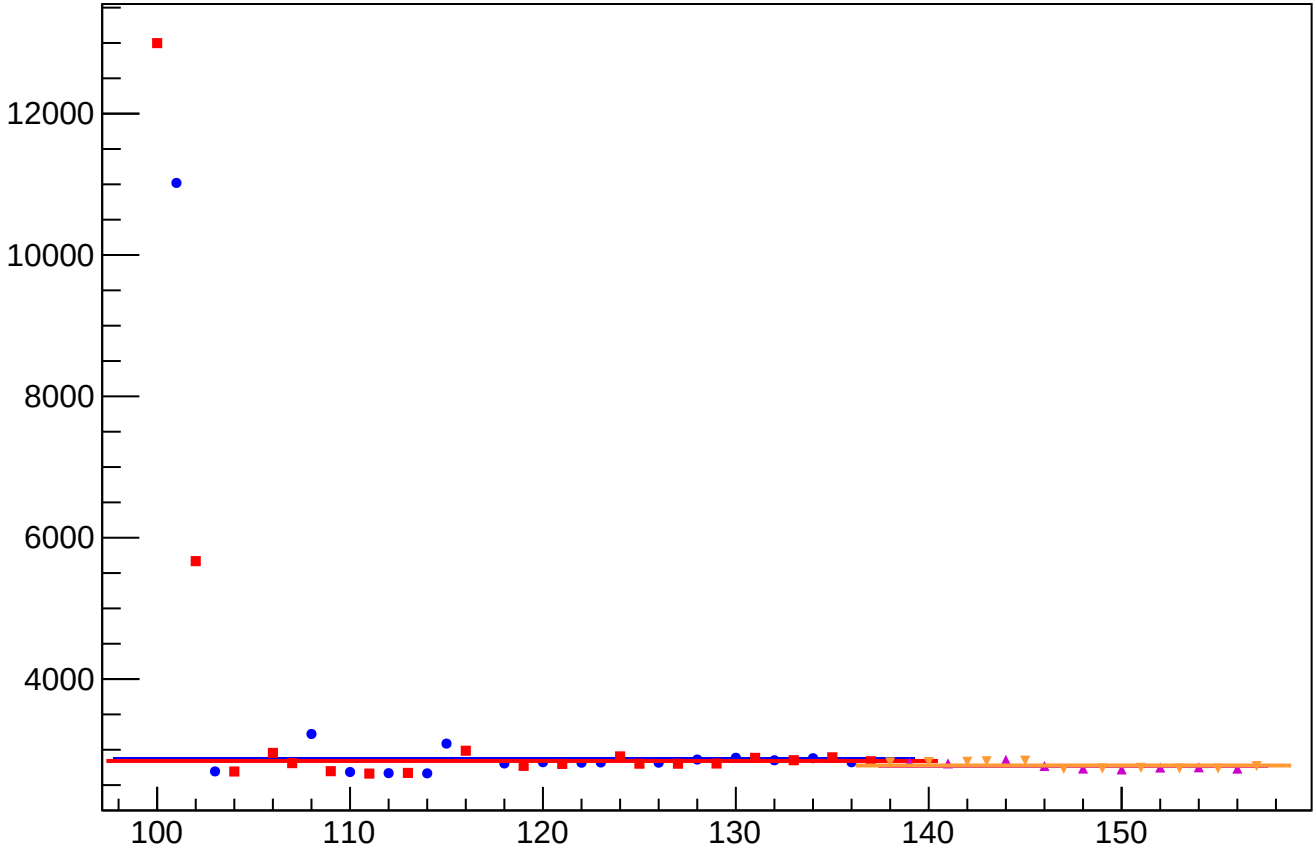
Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 3016.061+/-757.320 χ^2/NDF:33.5/25

Out: 3144.864+/-724.903 χ^2/NDF:22.1/29

All: 3083.278+/-523.669 χ^2/NDF: 55.5/55

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2777.065+/-0.688 χ^2/NDF:4552.9/10

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2770.975+/-0.719 χ^2/NDF:3733.2/8

Left: 2774.154+/-0.497 χ^2/NDF: 8323.6/19

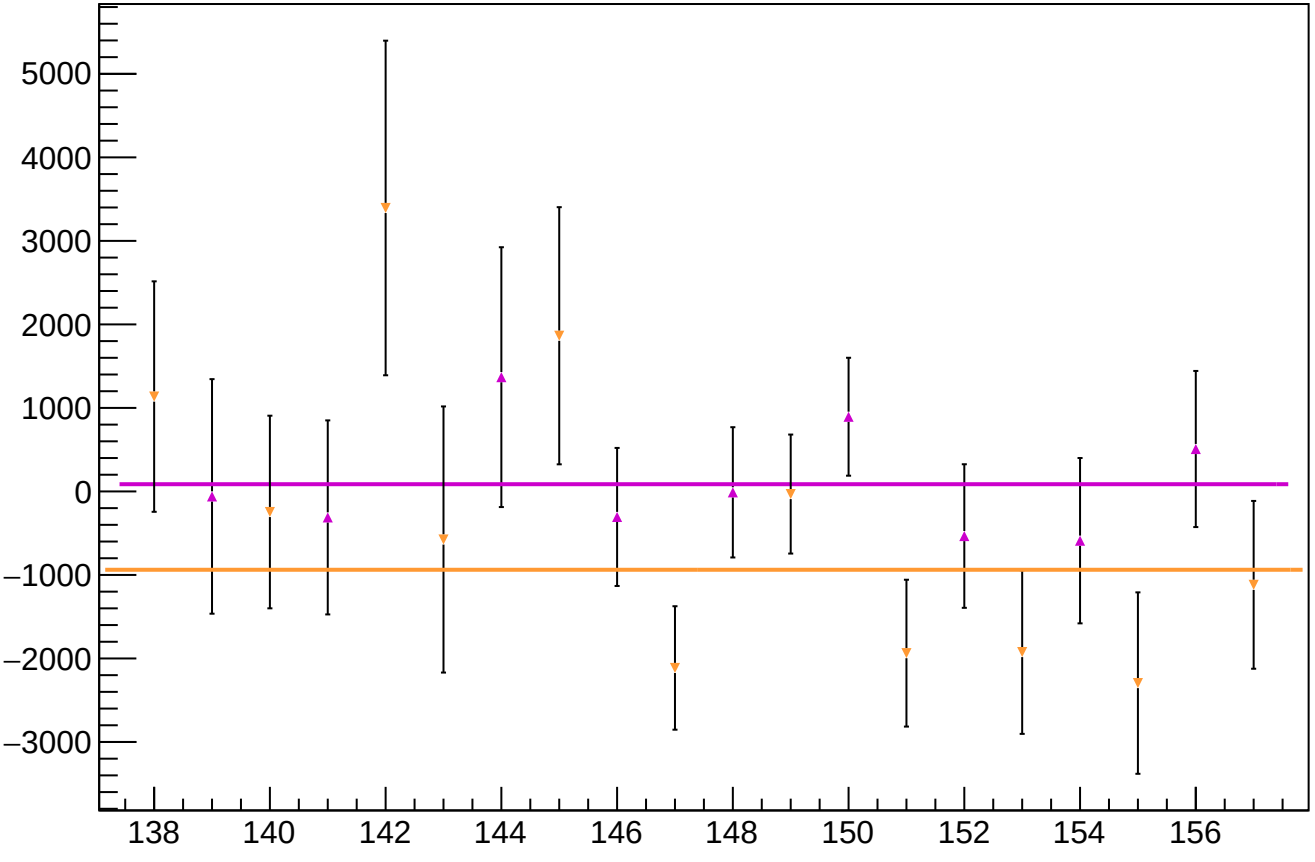
Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2814.763+/-0.536 χ^2/NDF:681945.5/25

Out: 2805.792+/-0.513 χ^2/NDF:320986.8/29

All: 2810.082+/-0.370 χ^2/NDF: 1003078.8/55

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -937.980+/-311.343 χ^2/NDF:18.7/10

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

Left In: 86.507+/-311.681 χ^2/NDF:3.5/8

Left: -426.293+/-220.272 χ^2/NDF: 27.7/19

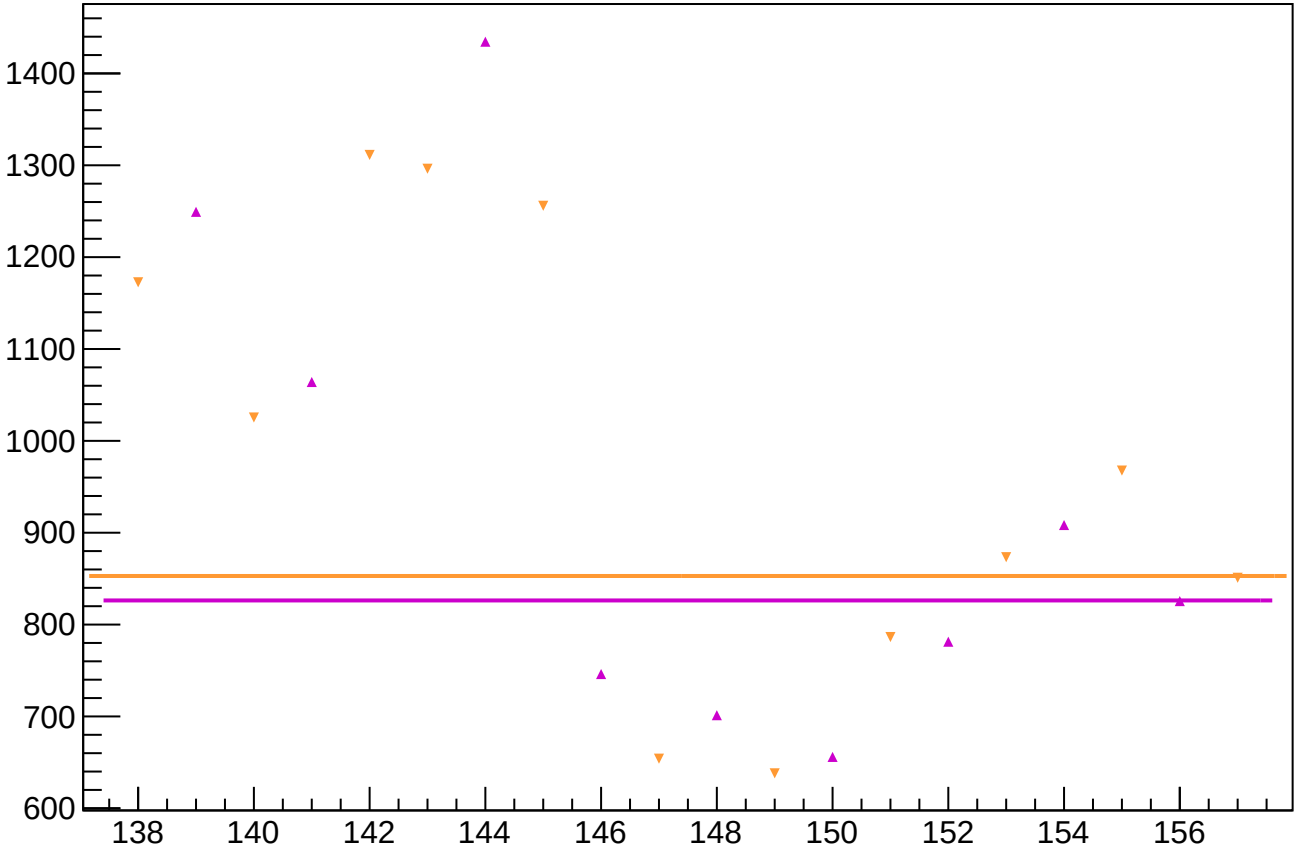
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 86.507+/-311.681 χ^2/NDF:3.5/8

Out: -937.980+/-311.343 χ^2/NDF:18.7/10

All: -426.293+/-220.272 χ^2/NDF: 27.7/19

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 852.897+/-0.220 χ^2/NDF:910033.5/10

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

Left In: 826.271+/-0.220 χ^2/NDF:776866.4/8

Left: 839.598+/-0.156 χ^2/NDF: 1694205.8/19

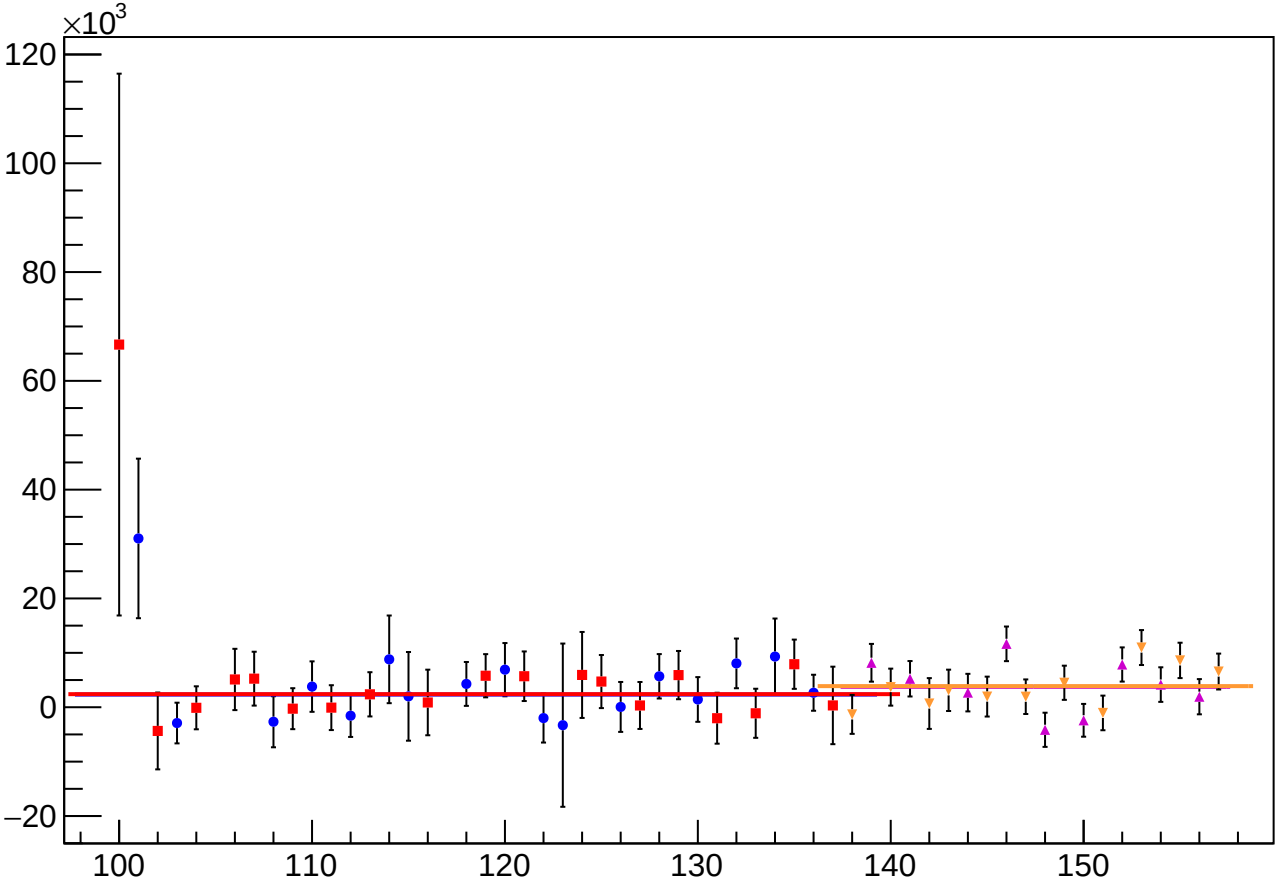
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 826.271+/-0.220 χ^2/NDF:776866.4/8

Out: 852.897+/-0.220 χ^2/NDF:910033.5/10

All: 839.598+/-0.156 χ^2/NDF: 1694205.8/19

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 3879.287+/-1033.326 χ^2/NDF:13.4/10

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 3755.063+/-1074.071 χ^2/NDF:20.6/8

Left: 3819.576+/-744.660 χ^2/NDF: 34.0/19

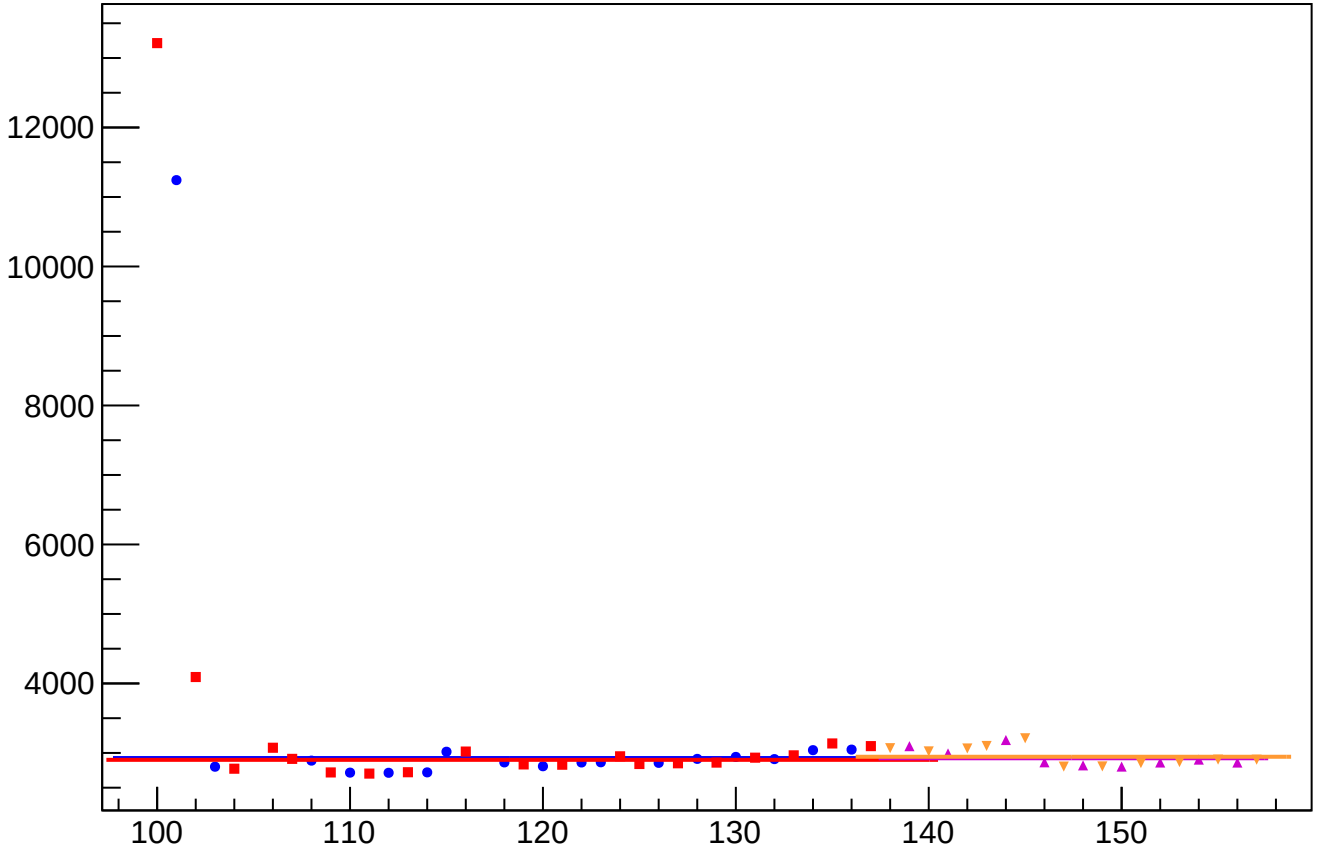
Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 3095.217+/-787.029 χ^2/NDF:35.8/25

Out: 3194.297+/-756.356 χ^2/NDF:24.4/29

All: 3146.726+/-545.346 χ^2/NDF: 60.2/55

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 2945.141+/-0.731 χ^2/NDF:29864.9/10

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 2923.391+/-0.759 χ^2/NDF:24997.1/8

Left: 2934.686+/-0.527 χ^2/NDF: 55287.9/19

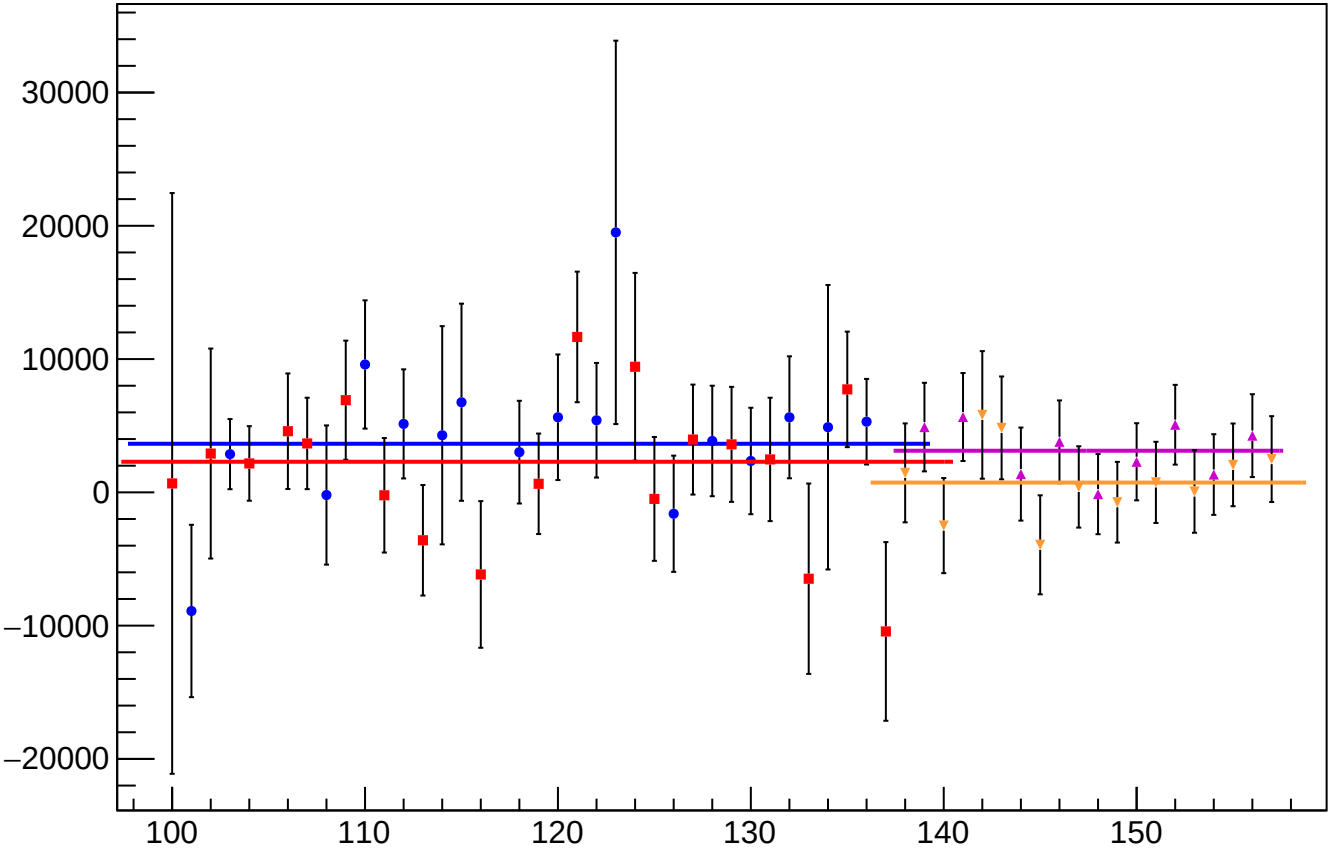
Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2924.882+/-0.557 χ^2/NDF:687799.7/25

Out: 2924.569+/-0.535 χ^2/NDF:201439.1/29

All: 2924.719+/-0.386 χ^2/NDF: 889239.0/55

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 734.972+/-1018.876 χ^2/NDF:5.5/10

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 3122.451+/-1041.247 χ^2/NDF:3.3/8

Left: 1902.788+/-728.234 χ^2/NDF: 11.5/19

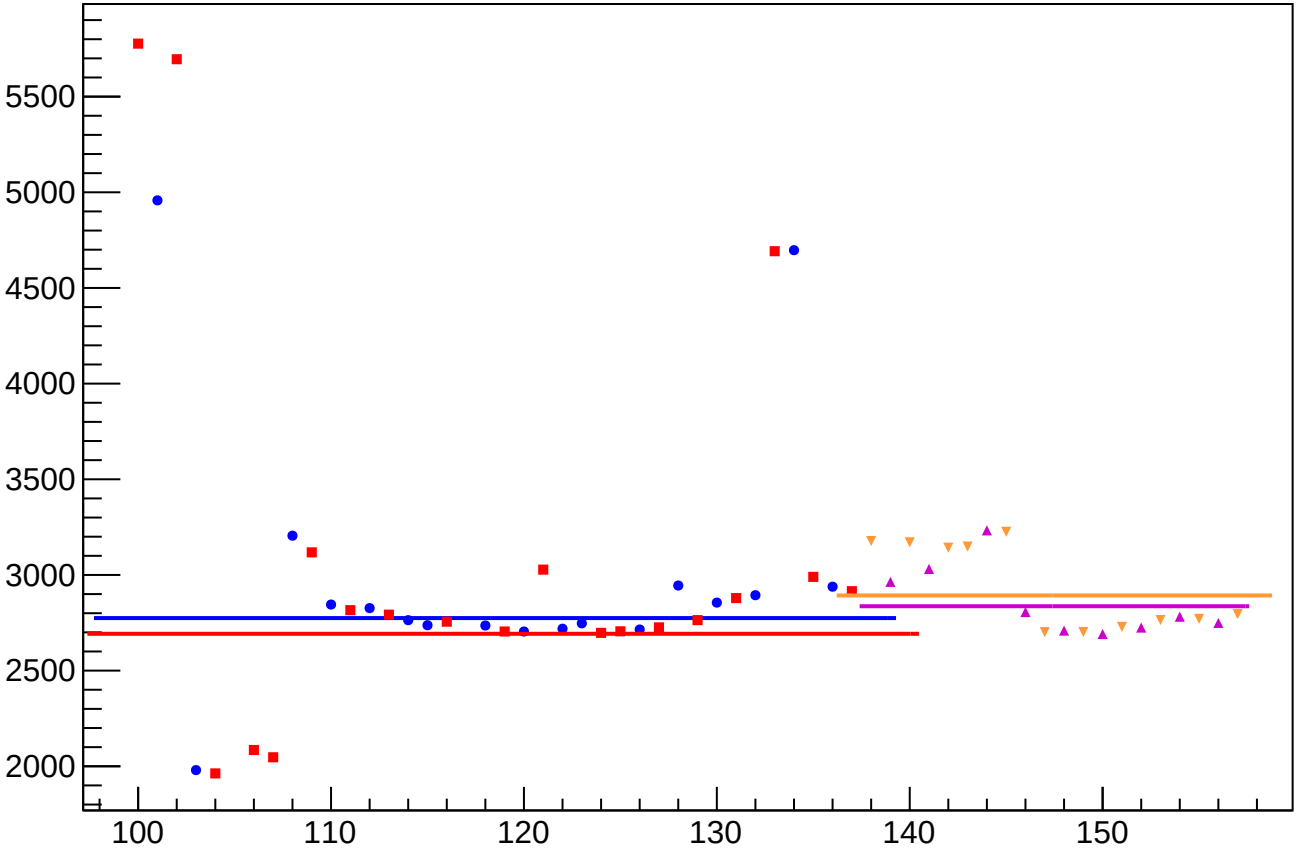
Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3371.551+/-753.408 χ^2/NDF:13.3/25

Out: 1494.264+/-730.148 χ^2/NDF:25.0/29

All: 2403.482+/-524.323 χ^2/NDF: 41.5/55

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2892.816+/-0.720 χ^2/NDF:84140.5/10

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 2836.475+/-0.736 χ^2/NDF:49525.0/8

Left: 2865.257+/-0.515 χ^2/NDF: 136656.9/19

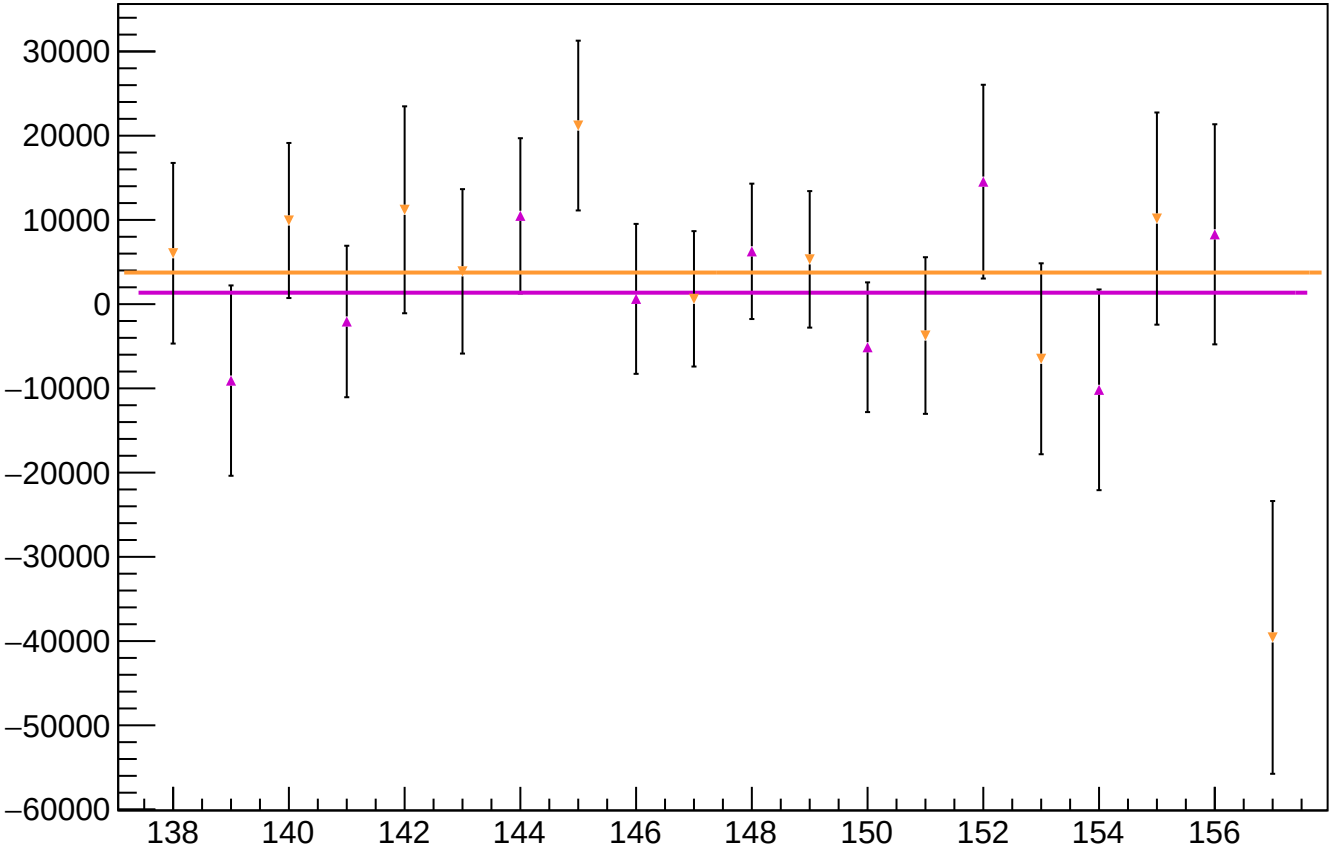
Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2807.003+/-0.533 χ^2/NDF:554568.3/25

Out: 2795.344+/-0.516 χ^2/NDF:902023.0/29

All: 2800.989+/-0.371 χ^2/NDF: 1456838.3/55

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 3751.830+/-3047.920 χ^2/NDF:12.9/10

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

Left In: 1359.879+/-3203.948 χ^2/NDF:5.6/8

Left: 2615.513+/-2208.305 χ^2/NDF: 18.8/19

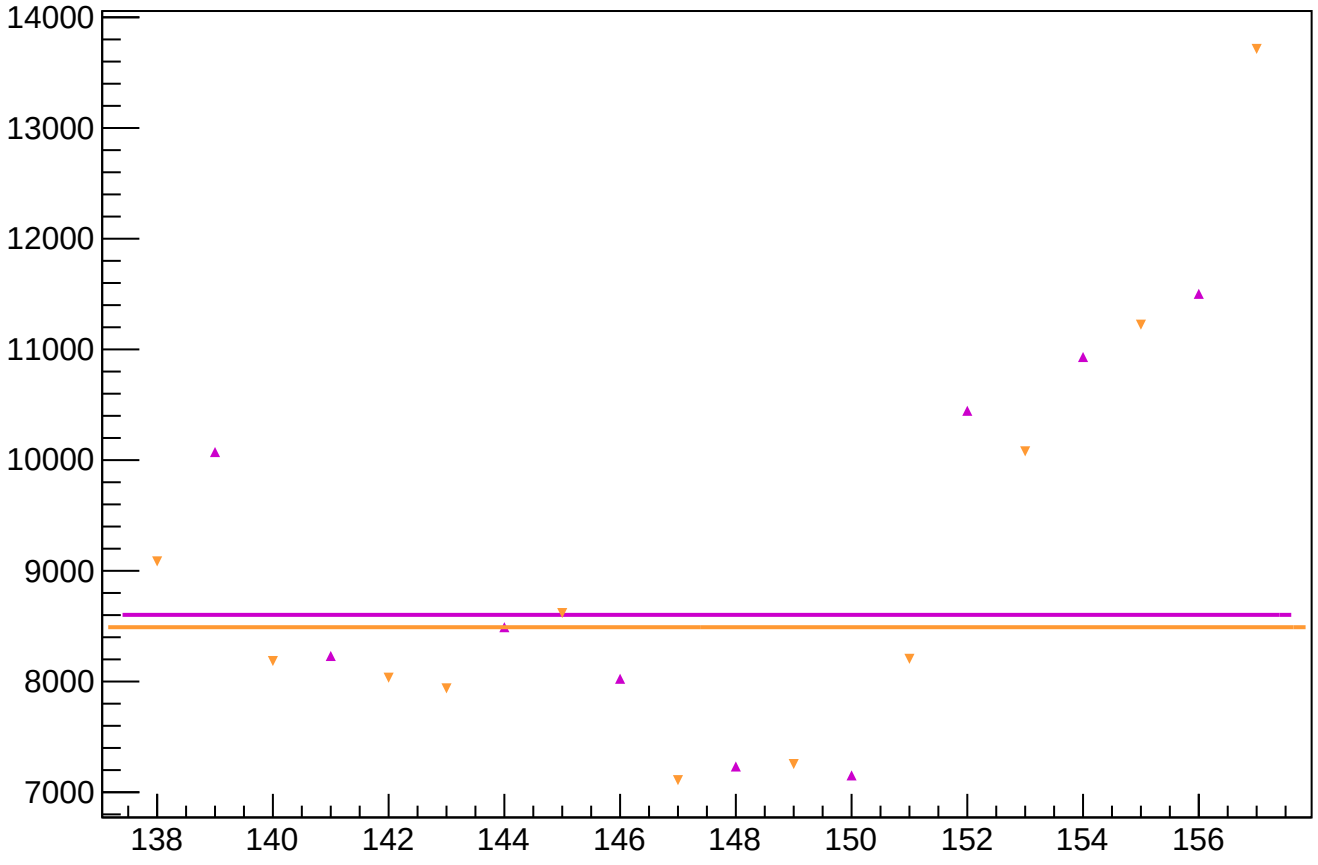
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1359.879+/-3203.948 χ^2/NDF:5.6/8

Out: 3751.830+/-3047.920 χ^2/NDF:12.9/10

All: 2615.513+/-2208.305 χ^2/NDF: 18.8/19

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8490.695+/-2.155 χ^2/NDF:466956.0/10

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

Left In: 8602.231+/-2.266 χ^2/NDF:401374.0/8

Left: 8543.681+/-1.562 χ^2/NDF: 869602.3/19

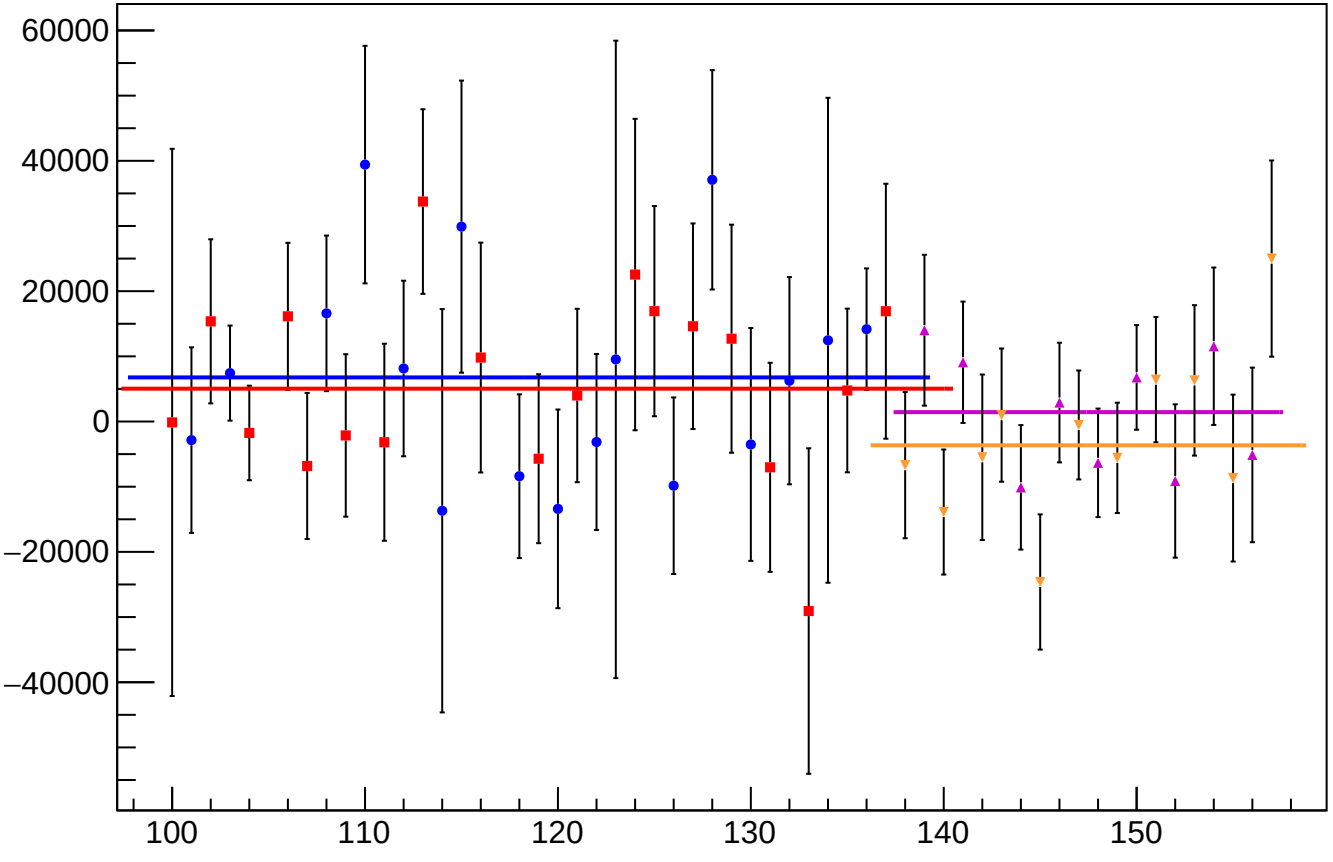
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8602.231+/-2.266 χ^2/NDF:401374.0/8

Out: 8490.695+/-2.155 χ^2/NDF:466956.0/10

All: 8543.681+/-1.562 χ^2/NDF: 869602.3/19

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -3648.291+/-3146.118 χ^2/NDF:11.3/10

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 1440.977+/-3307.075 χ^2/NDF:6.4/8

Left: -1230.516+/-2279.420 χ^2/NDF: 19.0/19

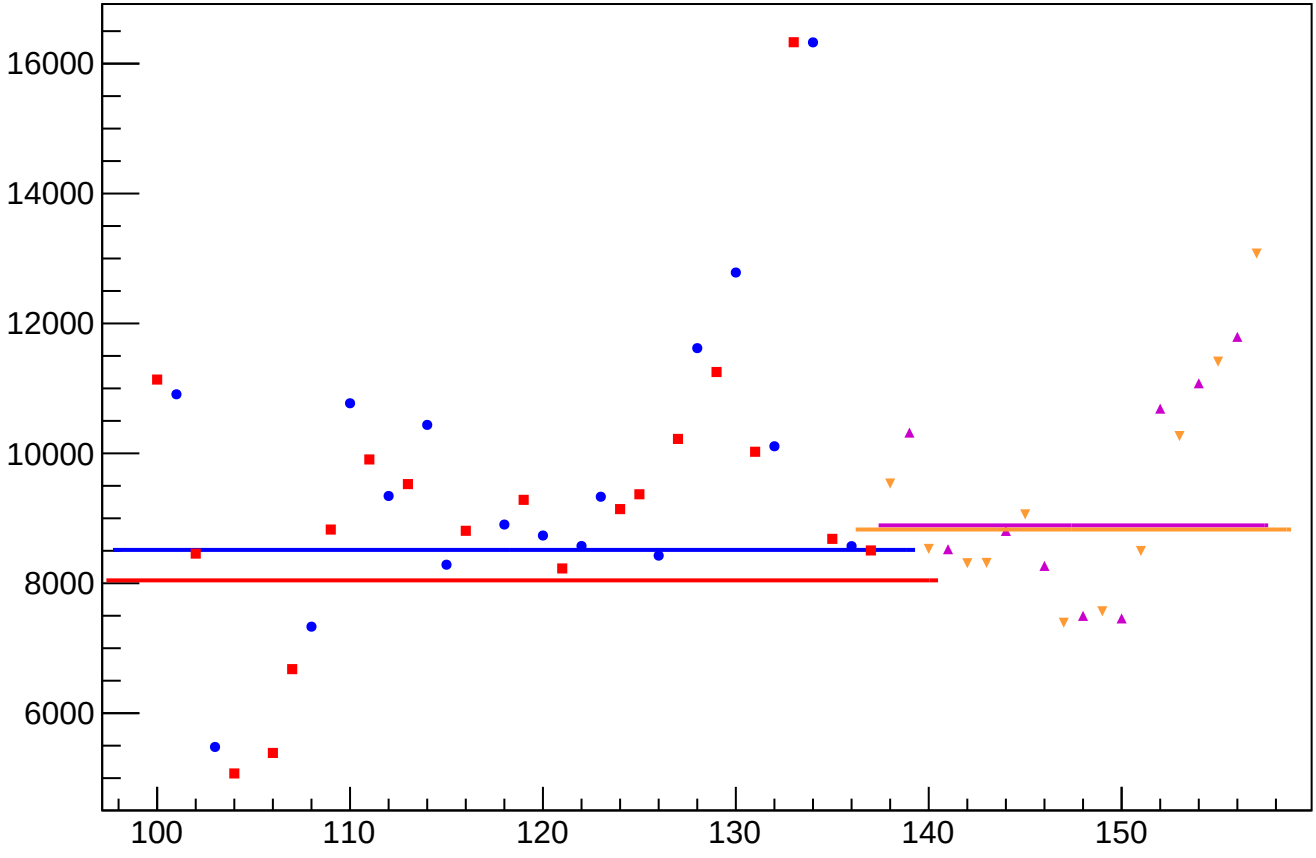
Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 4040.494+/-2366.254 χ^2/NDF:23.0/25

Out: 666.986+/-2232.203 χ^2/NDF:28.7/29

All: 2255.481+/-1623.729 χ^2/NDF: 52.8/55

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 8827.604+/-2.225 χ^2/NDF:396929.6/10

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 8890.931+/-2.338 χ^2/NDF:368868.8/8

Left: 8857.689+/-1.612 χ^2/NDF: 766183.3/19

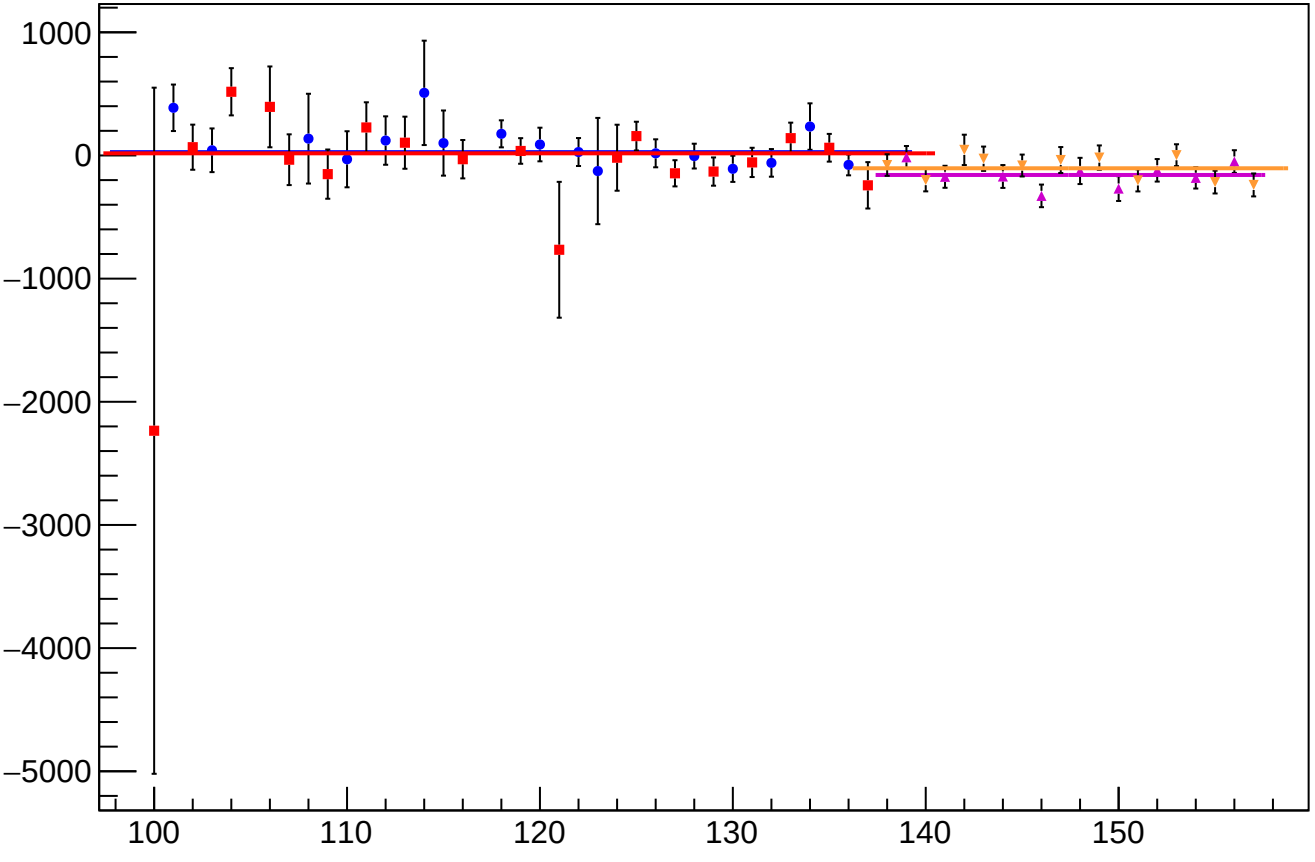
Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 8706.810+/-1.673 χ^2/NDF:1144185.9/25

Out: 8438.823+/-1.578 χ^2/NDF:1410739.7/29

All: 8565.009+/-1.148 χ^2/NDF: 2568499.3/55

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -104.004+/-28.612 χ^2/NDF:10.7/10

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -158.351+/-31.060 χ^2/NDF:8.9/8

Left: -128.952+/-21.044 χ^2/NDF: 21.3/19

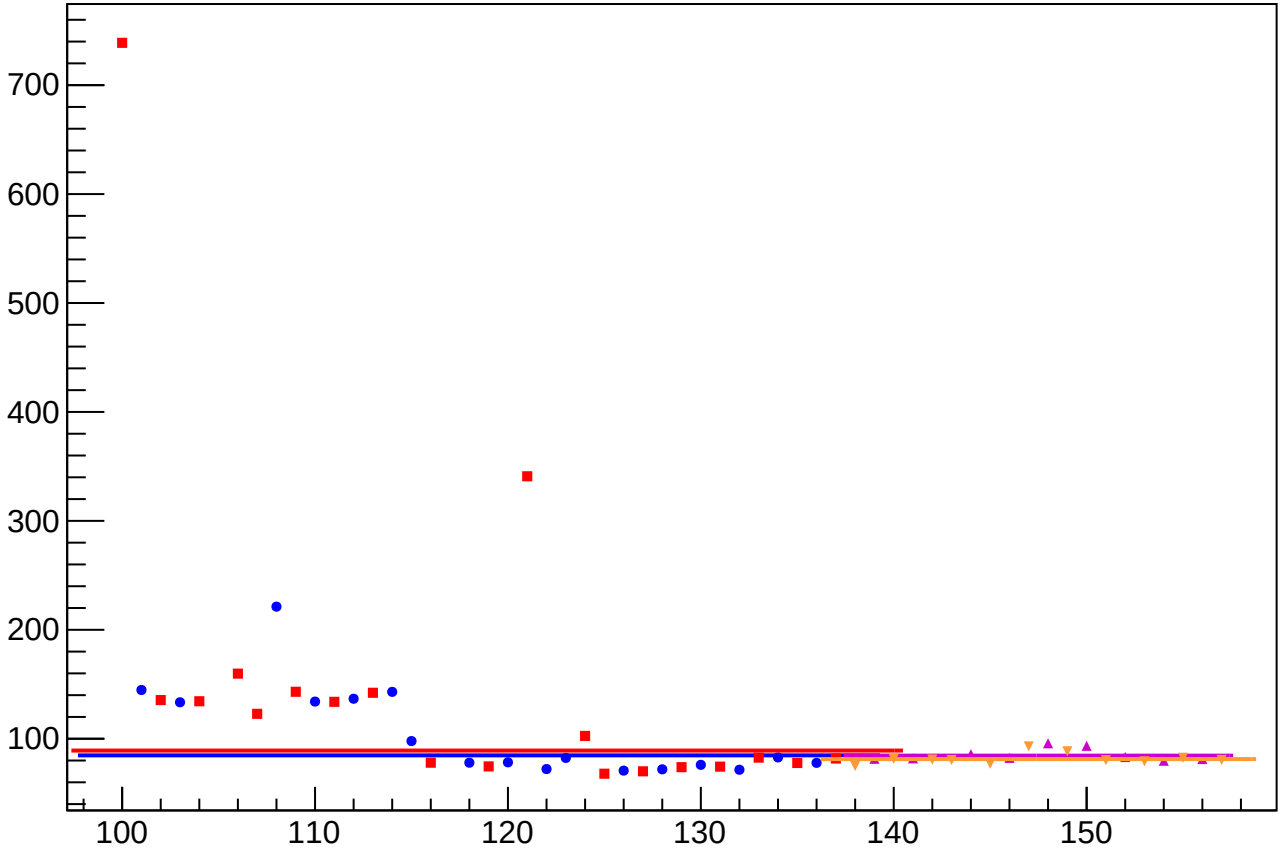
Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -74.143+/-22.941 χ^2/NDF:37.7/25

Out: -56.286+/-22.289 χ^2/NDF:39.7/29

All: -64.957+/-15.986 χ^2/NDF: 77.6/55

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 81.312+/-0.020 χ^2/NDF:51924.7/10

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 84.488+/-0.022 χ^2/NDF:52189.4/8

Left: 82.770+/-0.015 χ^2/NDF: 115430.6/19

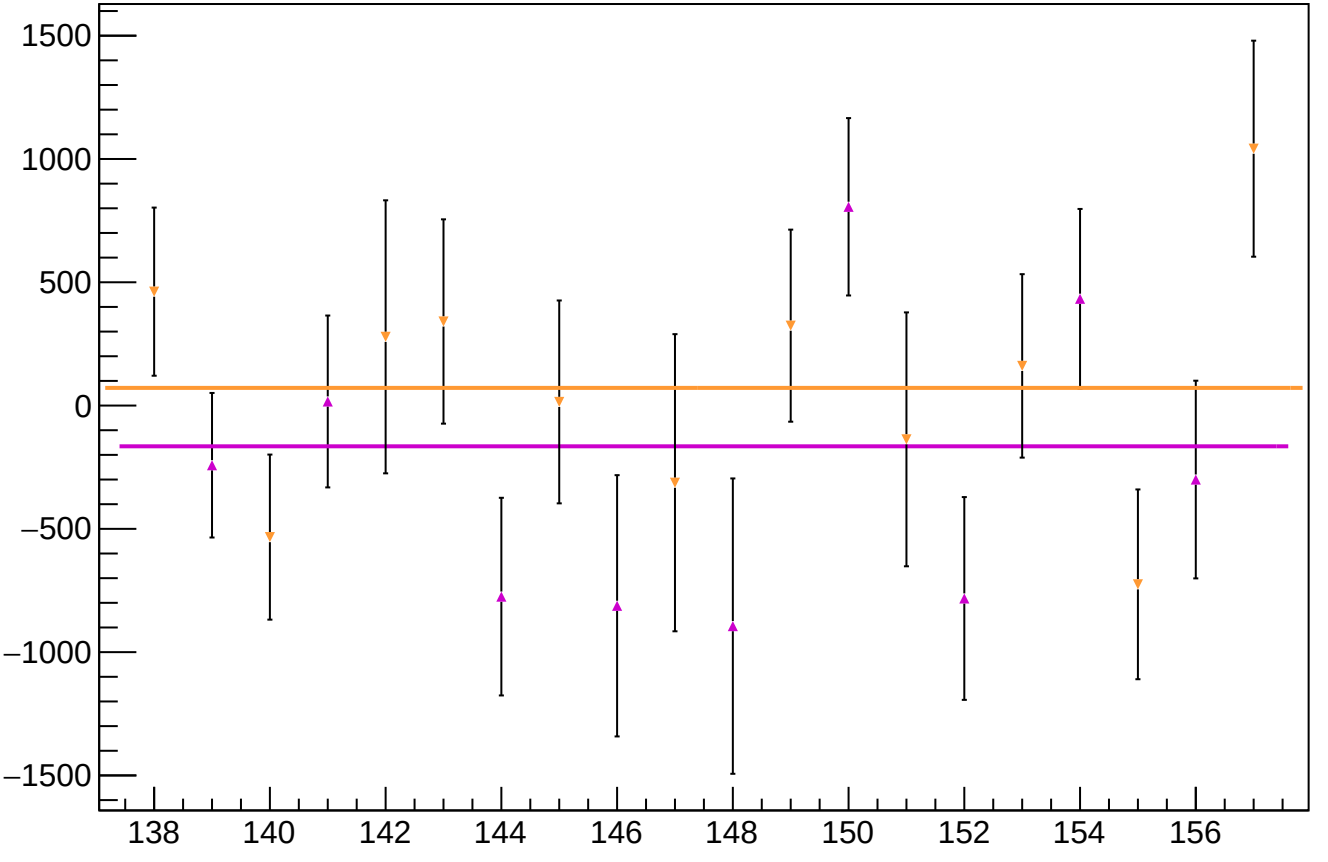
Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 84.601+/-0.016 χ^2/NDF:1116667.7/25

Out: 84.391+/-0.016 χ^2/NDF:1670100.3/29

All: 84.493+/-0.011 χ^2/NDF: 2786854.8/55

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 71.675+/-124.190 χ^2/NDF:15.4/10

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

Left In: -165.245+/-129.261 χ^2/NDF:18.0/8

Left: -42.047+/-89.555 χ^2/NDF: 35.1/19

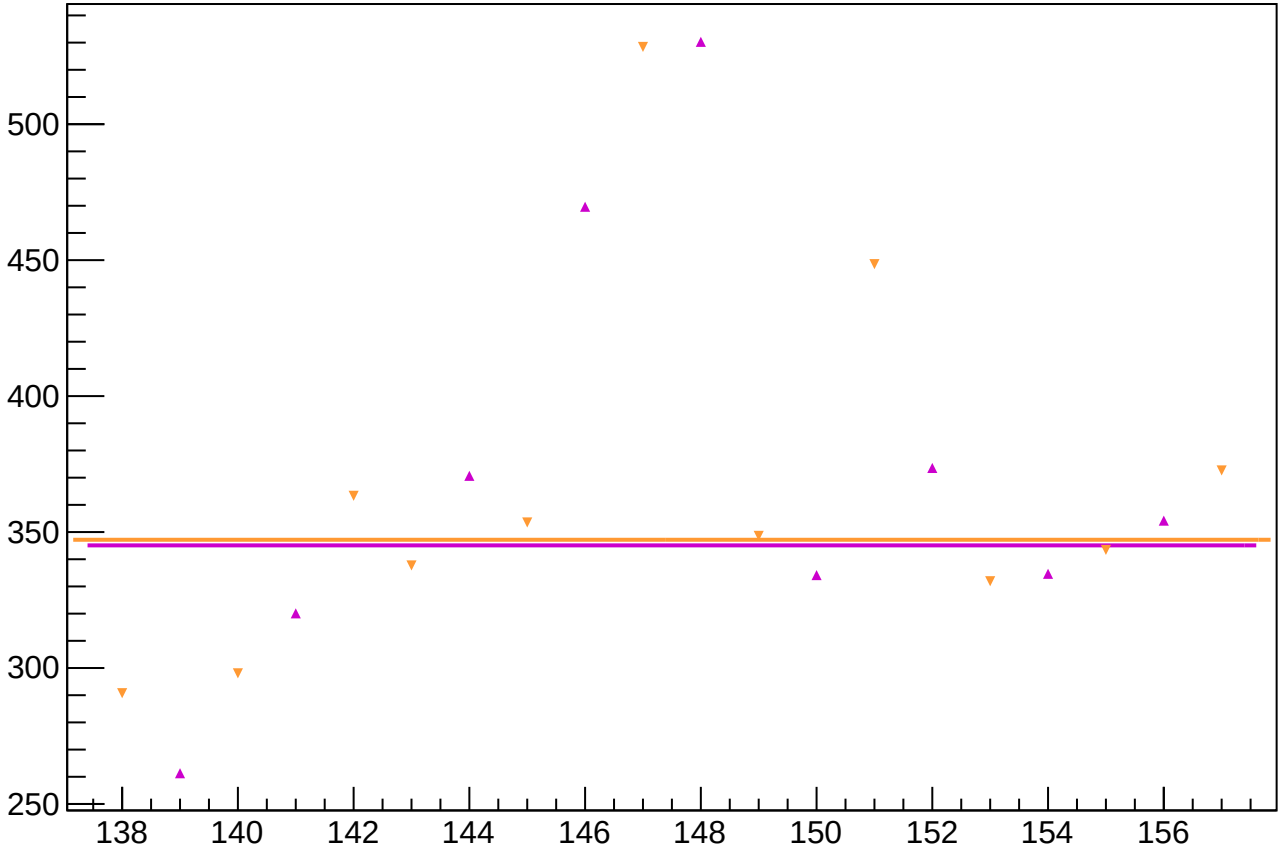
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -165.245+/-129.261 χ^2/NDF:18.0/8

Out: 71.675+/-124.190 χ^2/NDF:15.4/10

All: -42.047+/-89.555 χ^2/NDF: 35.1/19

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 347.166+/-0.088 χ^2/NDF:369944.1/10

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

Left In: 345.102+/-0.091 χ^2/NDF:497723.9/8

Left: 346.175+/-0.063 χ^2/NDF: 867933.2/19

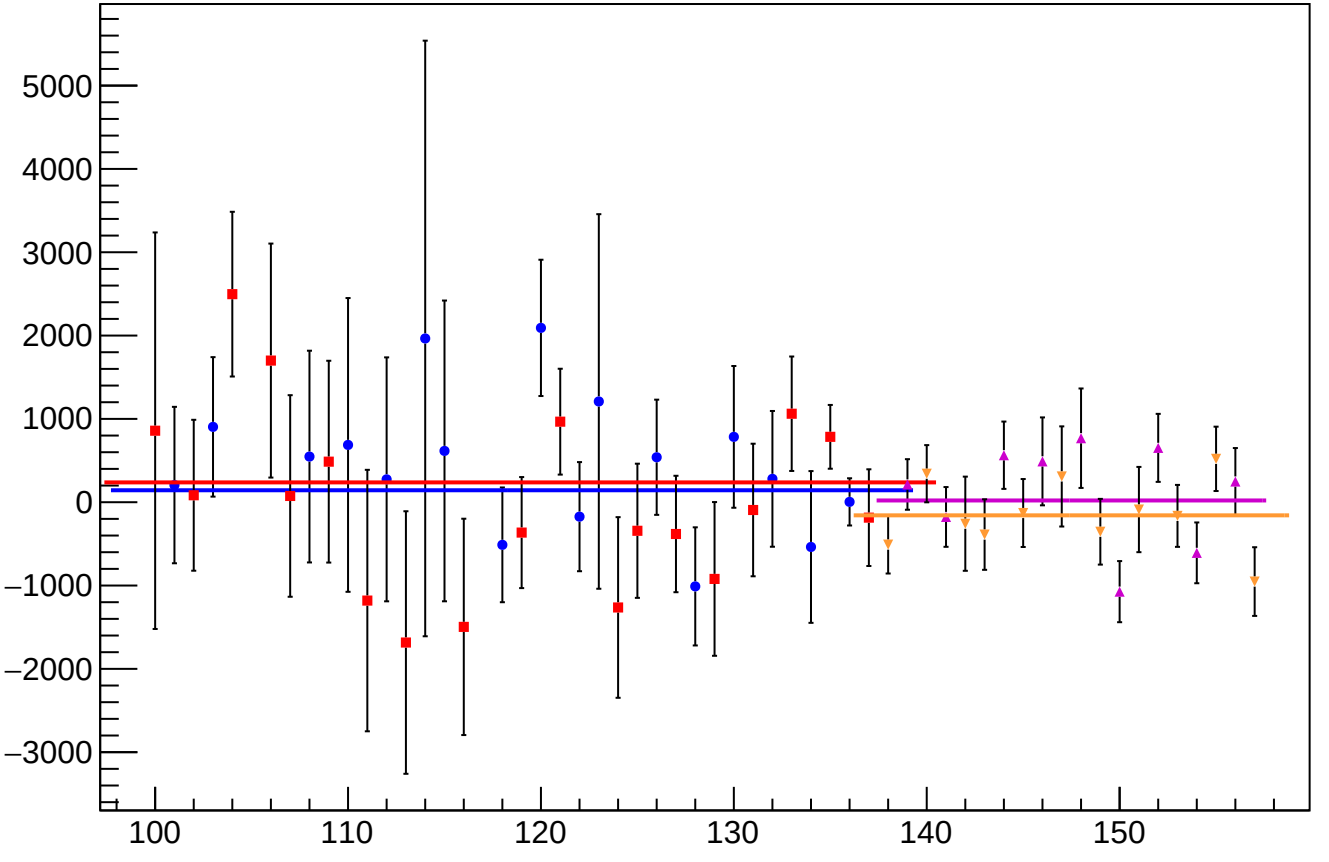
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 345.102+/-0.091 χ^2/NDF:497723.9/8

Out: 347.166+/-0.088 χ^2/NDF:369944.1/10

All: 346.175+/-0.063 χ^2/NDF: 867933.2/19

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -157.515+/-124.642 χ^2/NDF:11.2/10

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: 21.030+/-130.949 χ^2/NDF:19.5/8

Left: -72.646+/-90.282 χ^2/NDF: 31.6/19

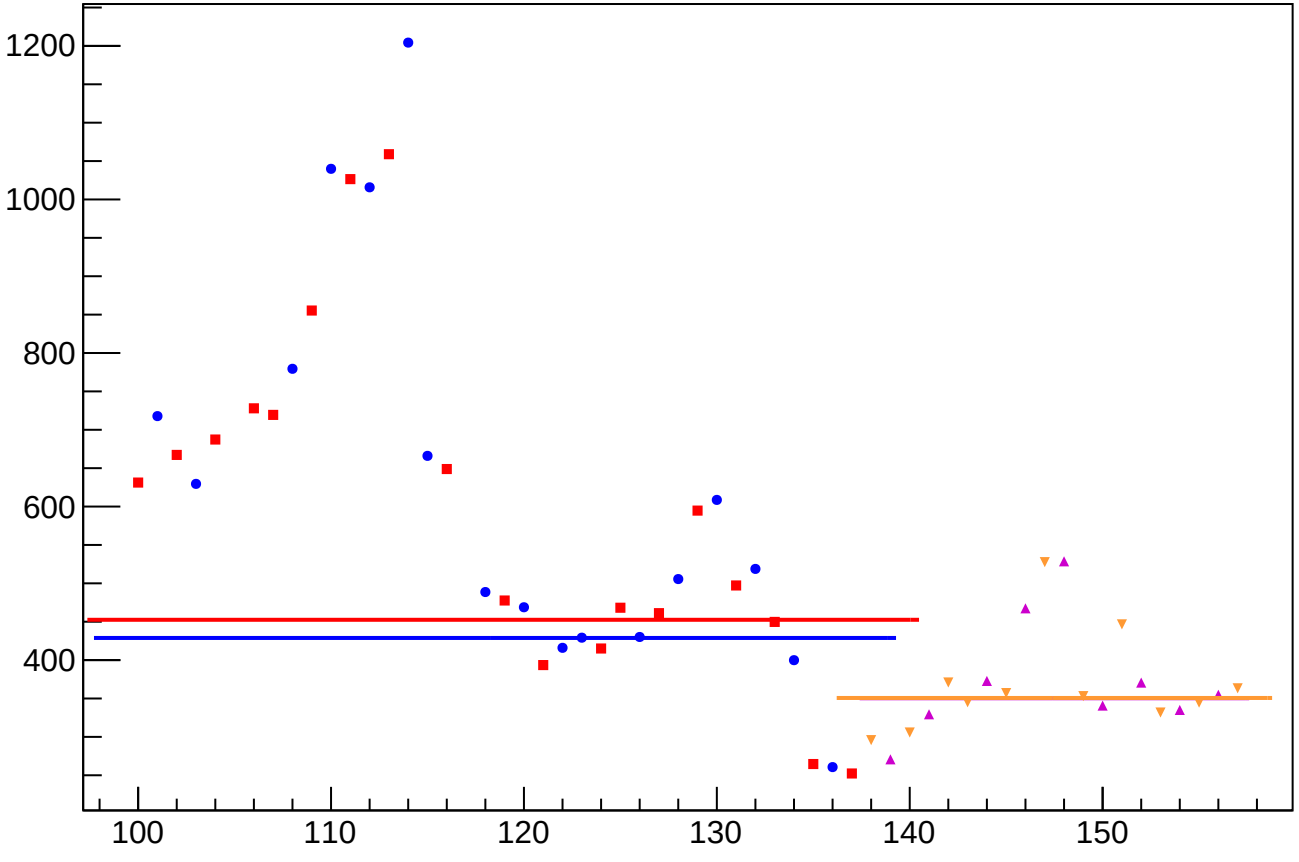
Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: 63.646+/-105.736 χ^2/NDF:32.5/25

Out: -33.162+/-103.193 χ^2/NDF:36.0/29

All: 14.064+/-73.851 χ^2/NDF: 69.0/55

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 350.684+/-0.088 χ^2/NDF:338968.6/10

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 350.299+/-0.093 χ^2/NDF:437813.6/8

Left: 350.501+/-0.064 χ^2/NDF: 776791.2/19

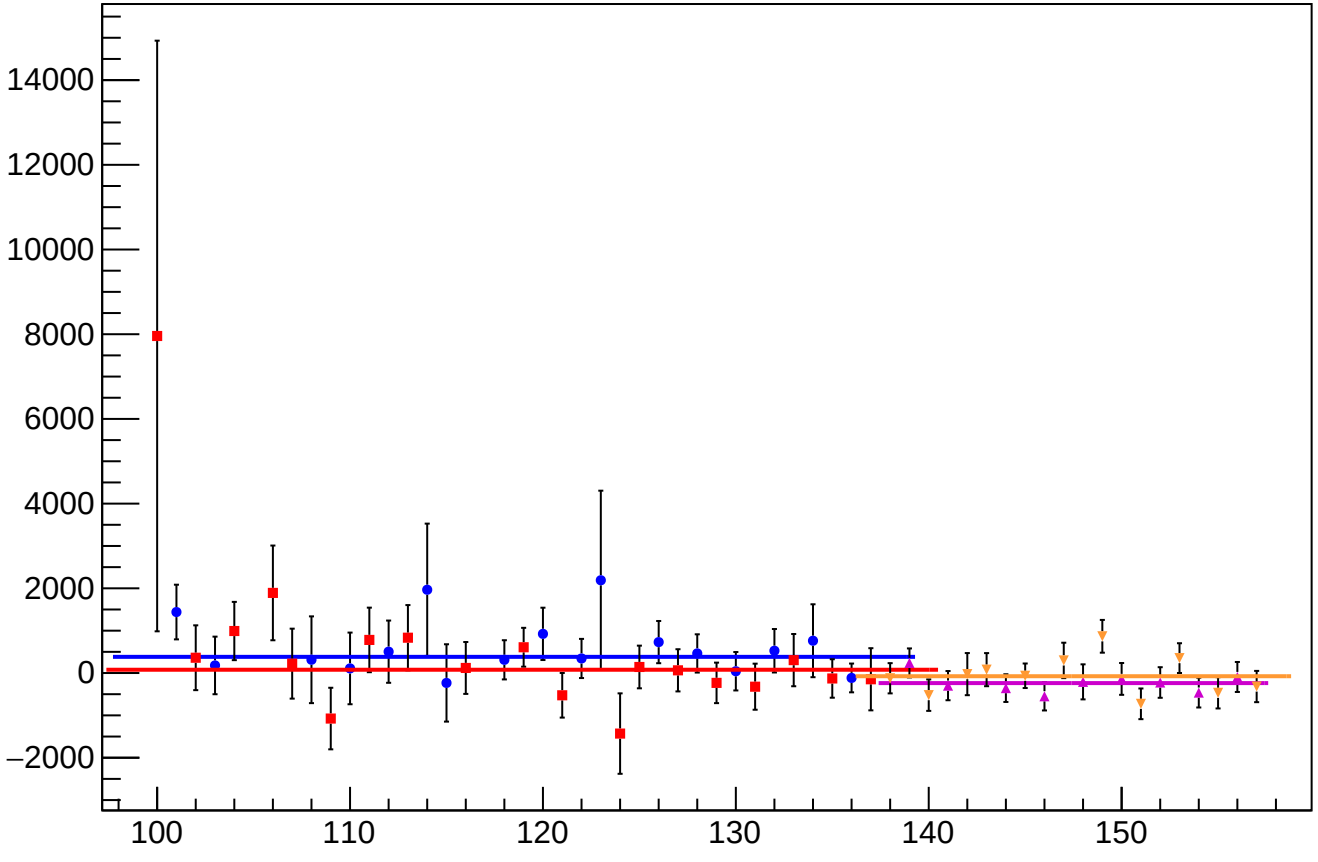
Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 377.638+/-0.075 χ^2/NDF:2700627.3/25

Out: 382.716+/-0.073 χ^2/NDF:2798132.2/29

All: 380.239+/-0.052 χ^2/NDF: 5501122.2/55

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -75.622+/-111.520 χ^2/NDF:14.6/10

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -237.817+/-117.962 χ^2/NDF:3.6/8

Left: -152.170+/-81.038 χ^2/NDF: 19.3/19

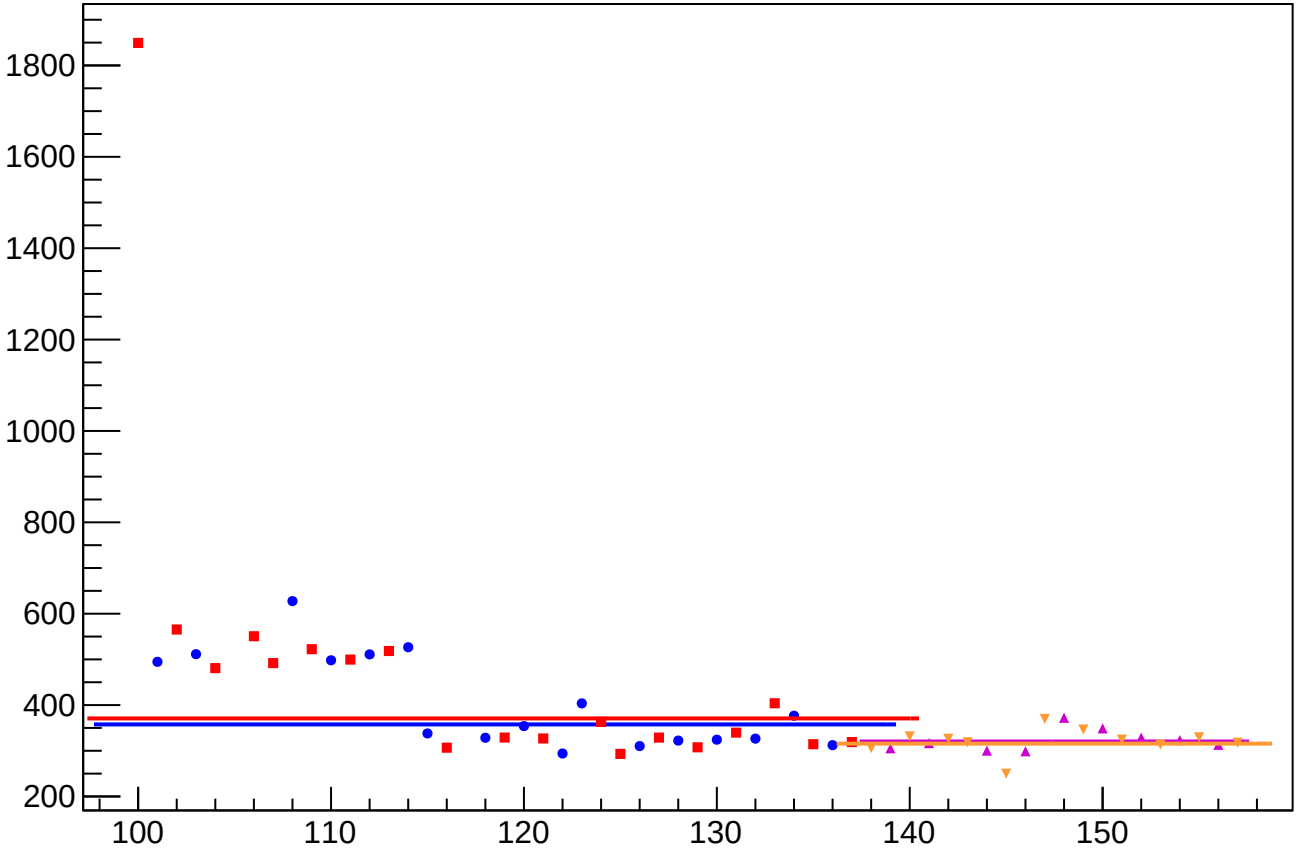
Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: 16.930+/-90.526 χ^2/NDF:24.4/25

Out: -17.954+/-88.048 χ^2/NDF:32.1/29

All: -0.995+/-63.117 χ^2/NDF: 56.6/55

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 315.631+/-0.079 χ^2/NDF:159869.1/10

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 320.341+/-0.083 χ^2/NDF:64959.2/8

Left: 317.854+/-0.057 χ^2/NDF: 226511.5/19

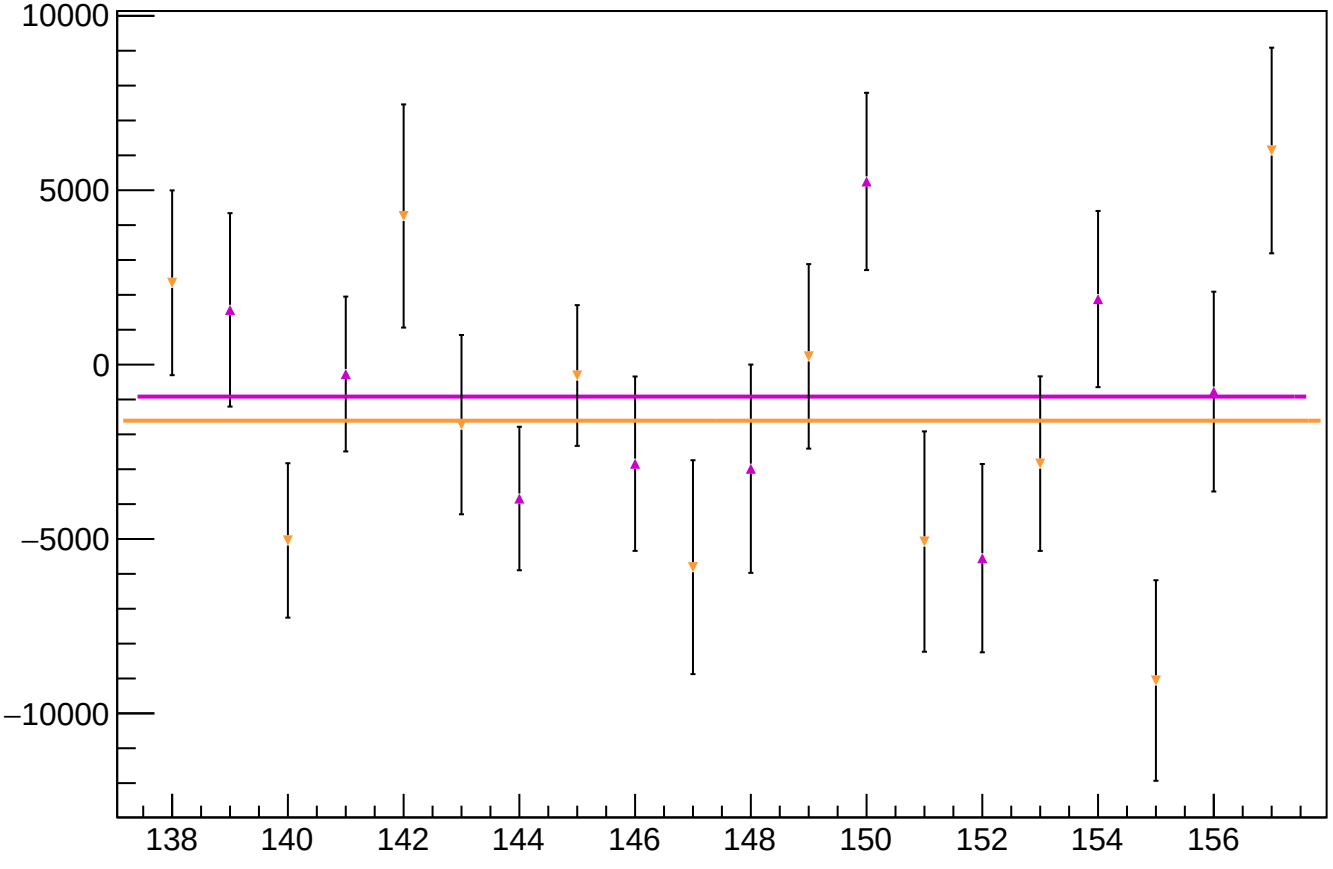
Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 335.683+/-0.064 χ^2/NDF:776937.8/25

Out: 336.408+/-0.062 χ^2/NDF:1128962.5/29

All: 336.056+/-0.045 χ^2/NDF: 1905966.1/55

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1607.591+/-794.000 χ^2/NDF:25.8/10

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

Left In: -917.149+/-841.599 χ^2/NDF:14.0/8

Left: -1282.446+/-577.537 χ^2/NDF: 40.2/19

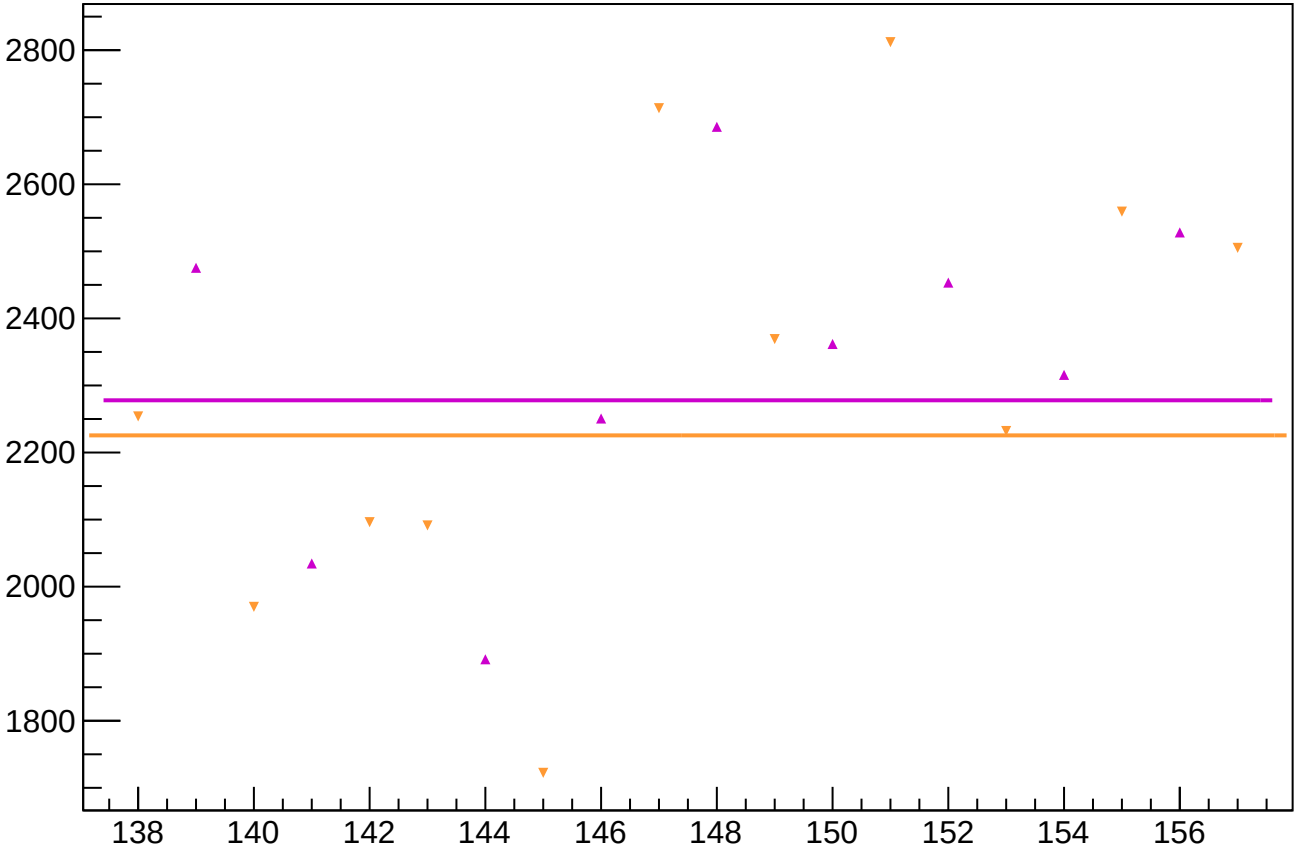
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -917.149+/-841.599 χ^2/NDF:14.0/8

Out: -1607.591+/-794.000 χ^2/NDF:25.8/10

All: -1282.446+/-577.537 χ^2/NDF: 40.2/19

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2225.576+/-0.561 χ^2/NDF:330359.7/10

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

Left In: 2277.882+/-0.595 χ^2/NDF:168559.6/8

Left: 2250.208+/-0.408 χ^2/NDF: 503006.7/19

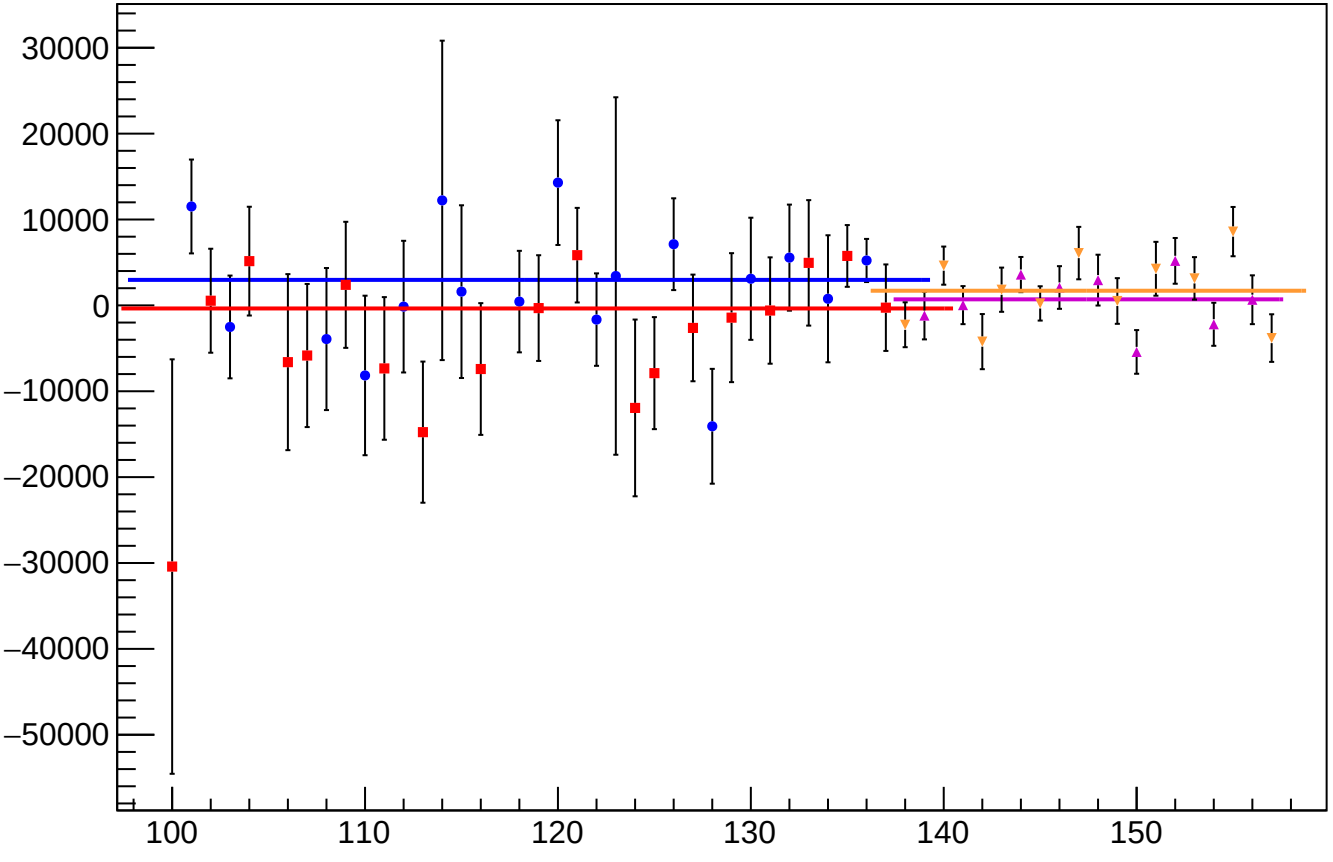
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2277.882+/-0.595 χ^2/NDF:168559.6/8

Out: 2225.576+/-0.561 χ^2/NDF:330359.7/10

All: 2250.208+/-0.408 χ^2/NDF: 503006.7/19

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 1705.837+/-787.376 χ^2/NDF:21.0/10

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: 702.507+/-837.362 χ^2/NDF:13.4/8

Left: 1235.010+/-573.616 χ^2/NDF: 35.1/19

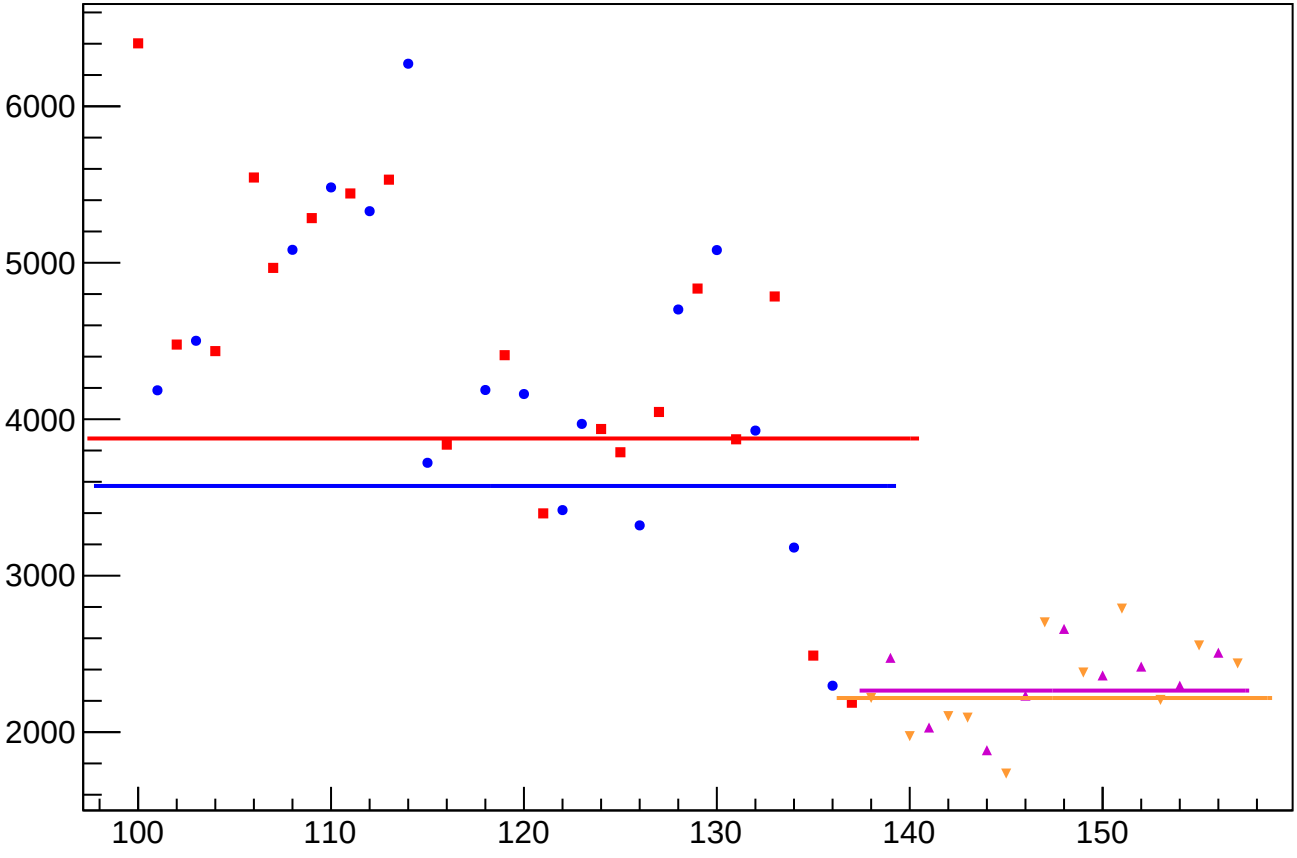
Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 1274.982+/-723.934 χ^2/NDF:32.6/25

Out: 1263.141+/-697.870 χ^2/NDF:37.8/29

All: 1268.844+/-502.430 χ^2/NDF: 70.4/55

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2218.163+/-0.557 χ^2/NDF:312514.9/10

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2265.606+/-0.592 χ^2/NDF:163397.7/8

Left: 2240.426+/-0.406 χ^2/NDF: 479320.1/19

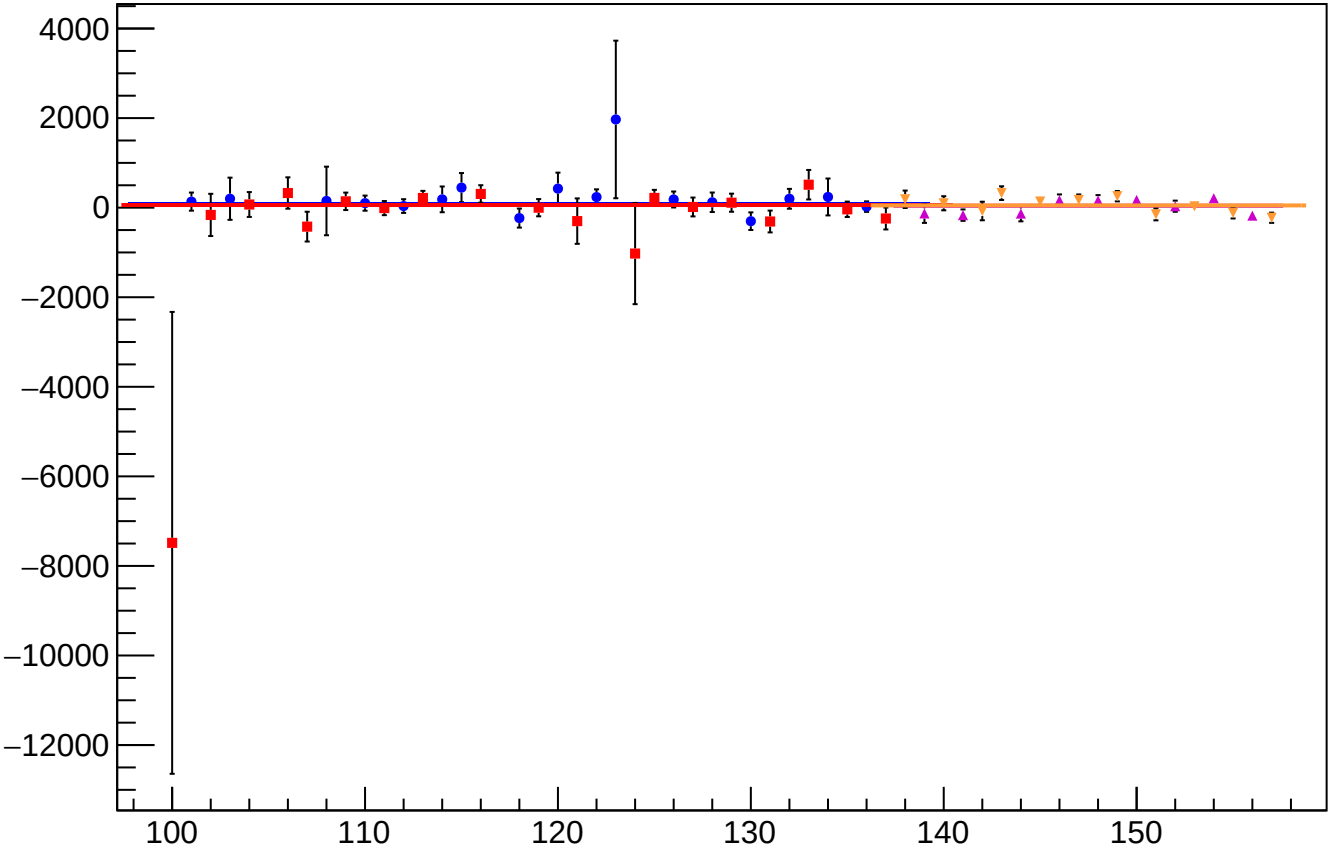
Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2595.931+/-0.512 χ^2/NDF:2484401.1/25

Out: 2573.849+/-0.493 χ^2/NDF:3204252.8/29

All: 2584.485+/-0.355 χ^2/NDF: 5689618.4/55

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 50.191+/-39.604 χ^2/NDF:18.8/10

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: 42.523+/-41.933 χ^2/NDF:14.2/8

Left: 46.576+/-28.792 χ^2/NDF: 33.1/19

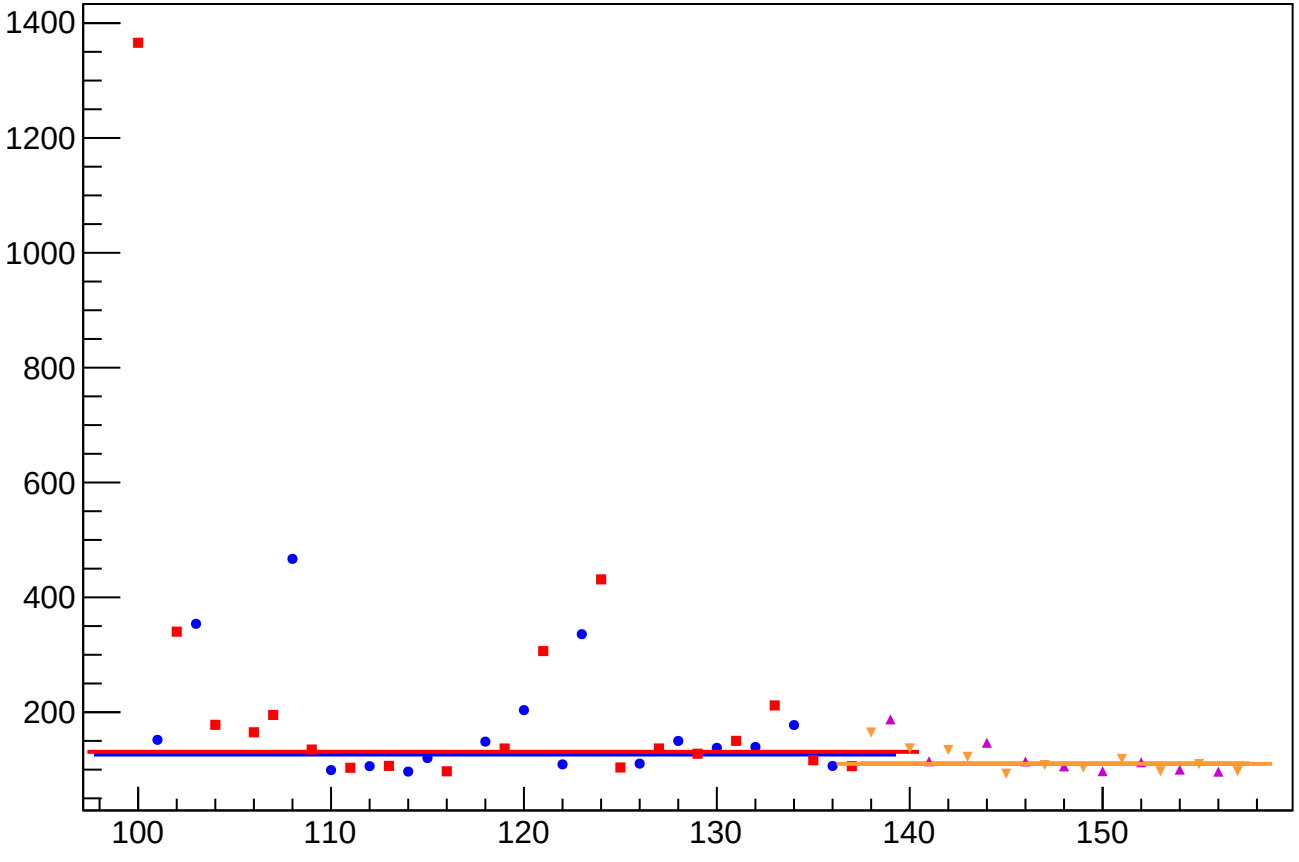
Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 58.054+/-32.619 χ^2/NDF:26.1/25

Out: 53.338+/-31.760 χ^2/NDF:35.3/29

All: 55.633+/-22.755 χ^2/NDF: 61.4/55

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 110.017+/-0.028 χ^2/NDF:373337.4/10

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 110.477+/-0.030 χ^2/NDF:443392.0/8

Left: 110.234+/-0.020 χ^2/NDF: 816856.1/19

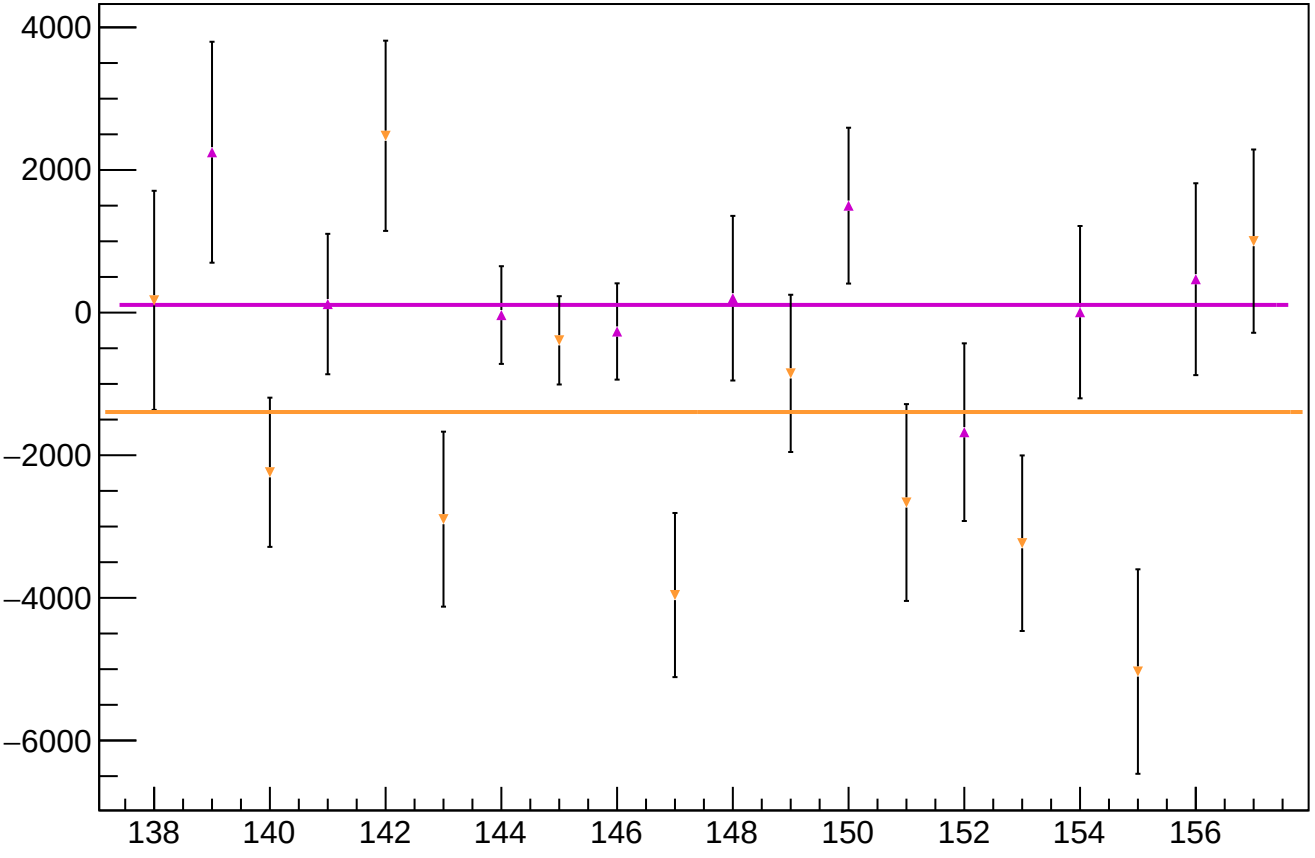
Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 116.741+/-0.023 χ^2/NDF:1866998.7/25

Out: 117.508+/-0.022 χ^2/NDF:2003082.3/29

All: 117.135+/-0.016 χ^2/NDF: 3870649.3/55

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -1393.888+/-332.826 χ^2/NDF:32.5/10

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

Left In: 107.994+/-328.932 χ^2/NDF:6.0/8

Left: -634.109+/-233.955 χ^2/NDF: 48.8/19

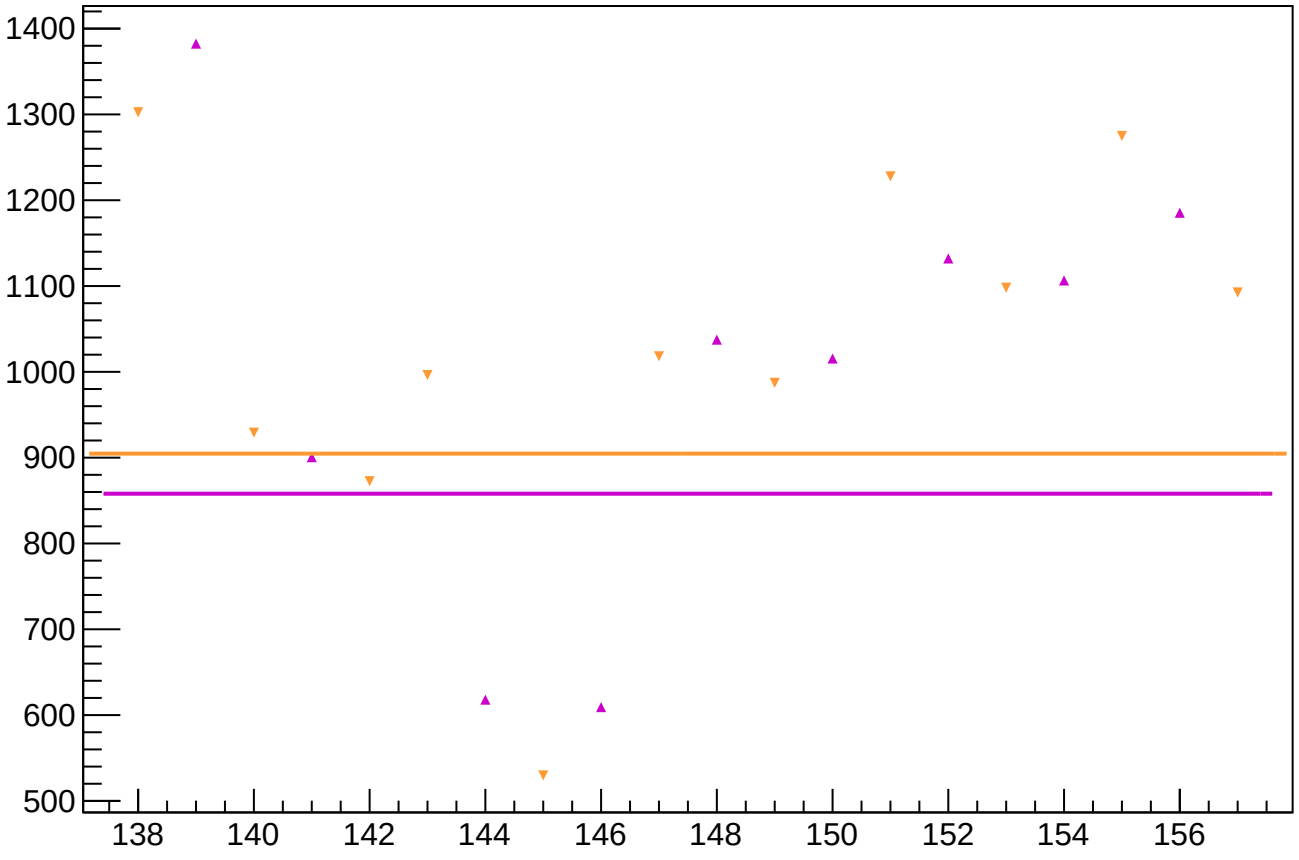
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 107.994+/-328.932 χ^2/NDF:6.0/8

Out: -1393.888+/-332.826 χ^2/NDF:32.5/10

All: -634.109+/-233.955 χ^2/NDF: 48.8/19

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 904.698+/-0.235 χ^2/NDF:1246950.2/10

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

Left In: 858.012+/-0.233 χ^2/NDF:1139656.4/8

Left: 881.080+/-0.165 χ^2/NDF: 2406513.6/19

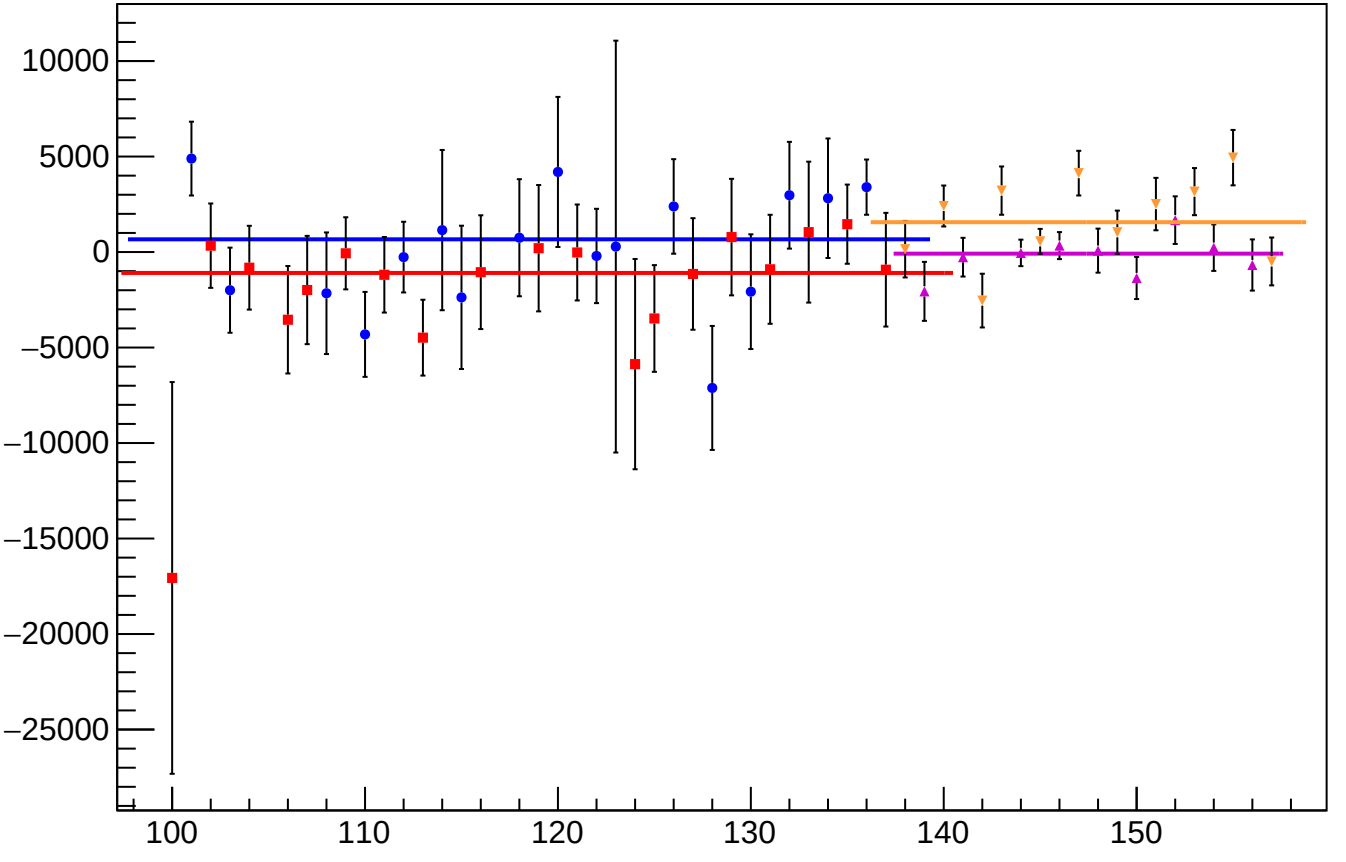
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 858.012+/-0.233 χ^2/NDF:1139656.4/8

Out: 904.698+/-0.235 χ^2/NDF:1246950.2/10

All: 881.080+/-0.165 χ^2/NDF: 2406513.6/19

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 1563.082+/-340.306 χ^2/NDF:29.5/10

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: -84.274+/-334.914 χ^2/NDF:5.6/8

Left: 726.250+/-238.704 χ^2/NDF: 47.0/19

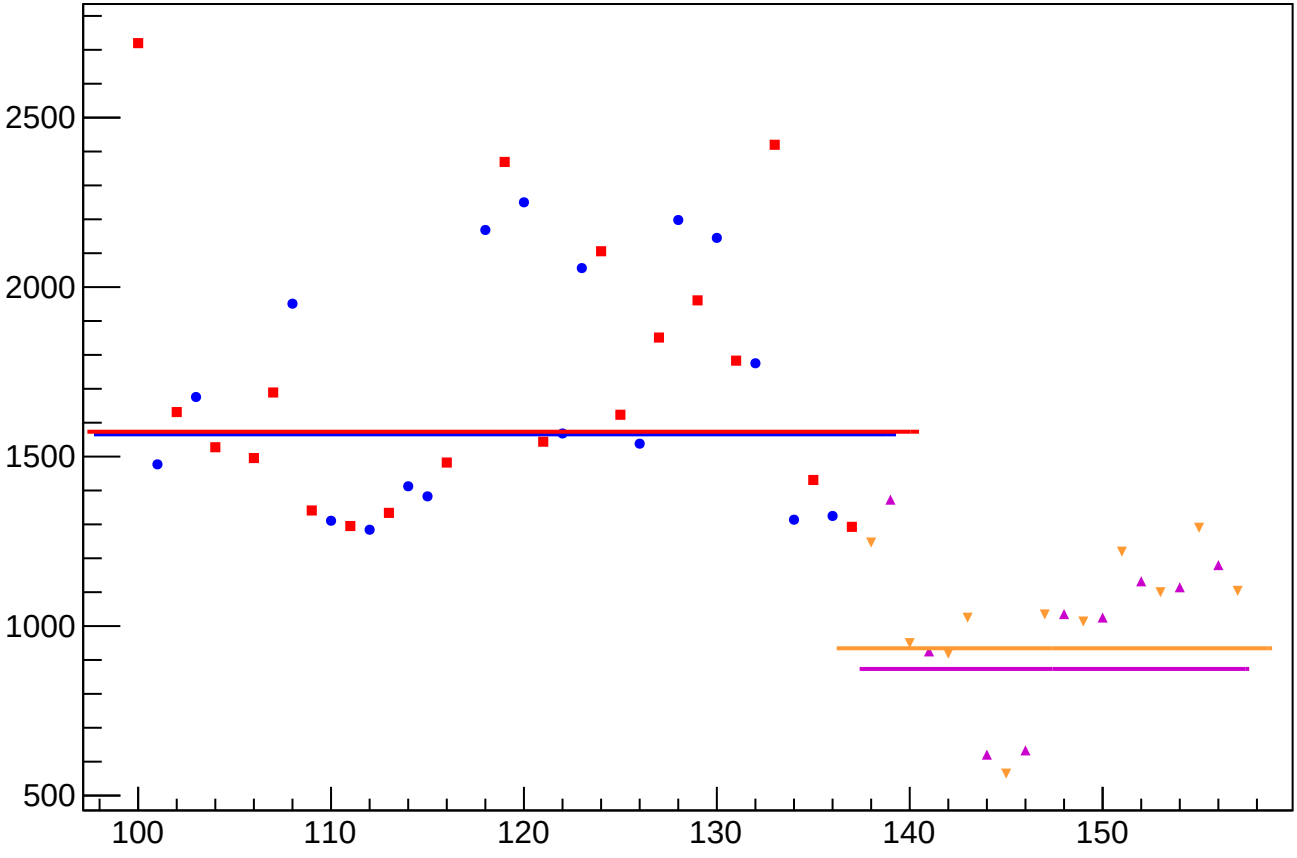
Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: 85.797+/-294.545 χ^2/NDF:32.4/25

Out: 920.586+/-296.325 χ^2/NDF:55.2/29

All: 500.678+/-208.901 χ^2/NDF: 91.6/55

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 934.493+/-0.241 χ^2/NDF:1049935.9/10

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 873.572+/-0.237 χ^2/NDF:1056837.8/8

Left: 903.546+/-0.169 χ^2/NDF: 2139332.8/19

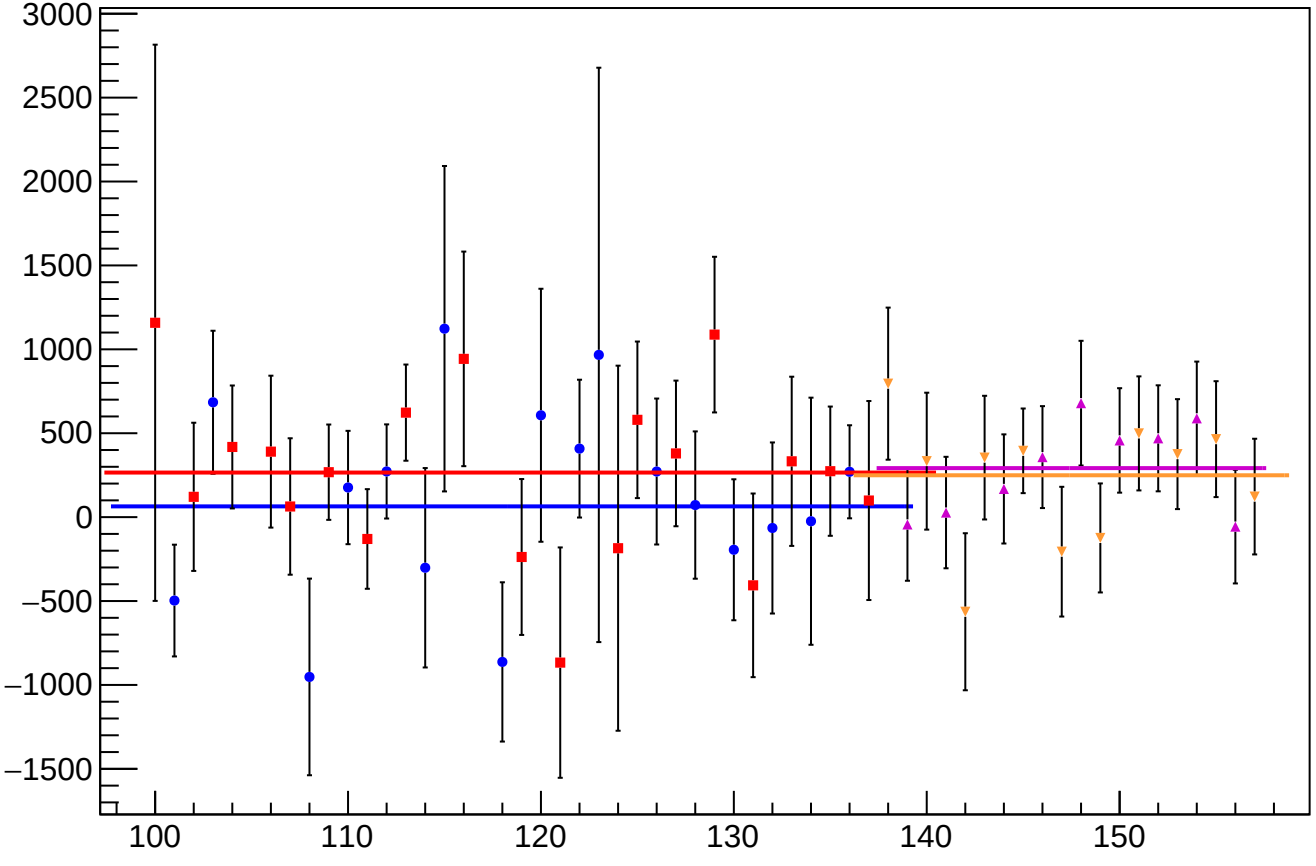
Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 1030.351+/-0.208 χ^2/NDF:3482209.5/25

Out: 1088.960+/-0.210 χ^2/NDF:3216248.8/29

All: 1059.479+/-0.148 χ^2/NDF: 6737813.5/55

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 249.450+/-105.717 χ^2/NDF:8.9/10

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 292.118+/-109.573 χ^2/NDF:5.3/8

Left: 270.020+/-76.080 χ^2/NDF: 14.3/19

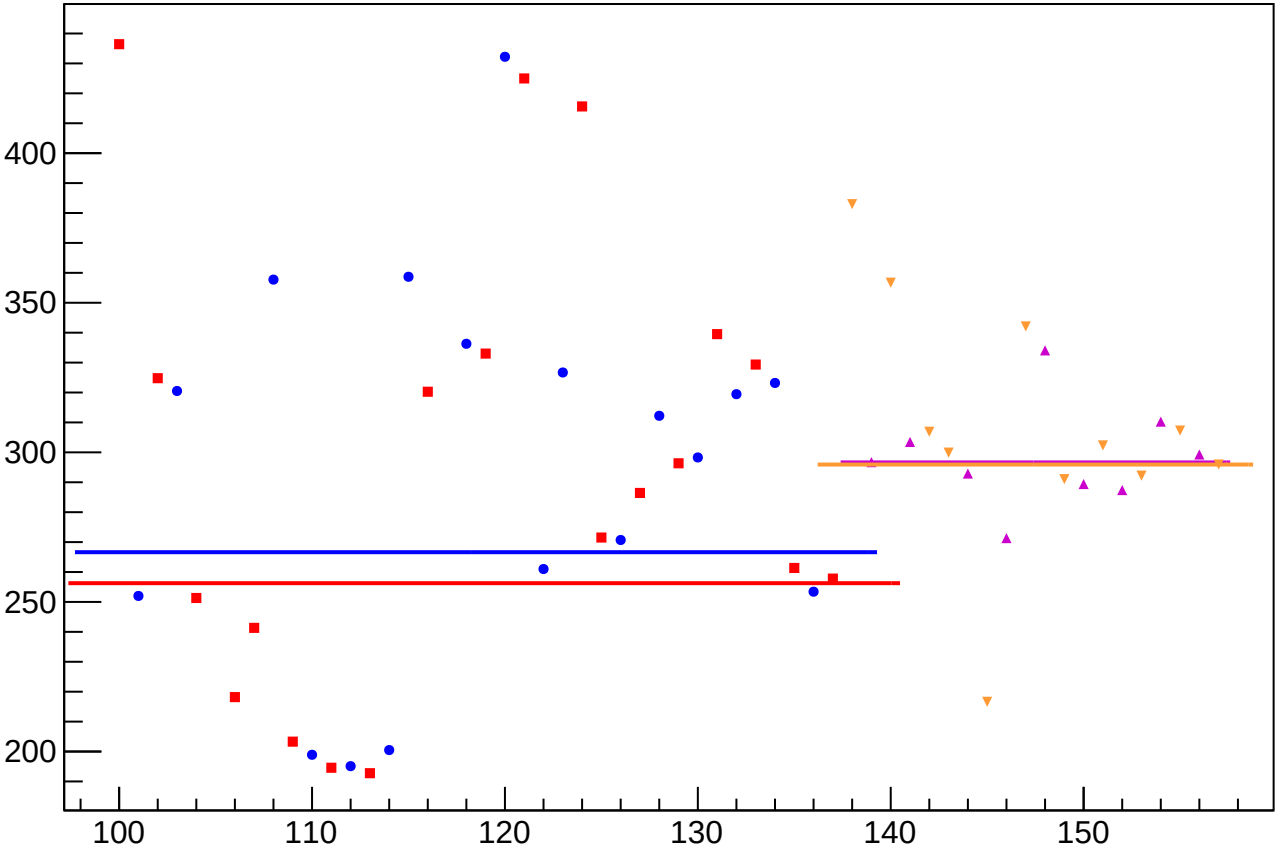
Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 173.609+/-75.938 χ^2/NDF:24.3/25

Out: 258.056+/-72.409 χ^2/NDF:23.5/29

All: 217.840+/-52.404 χ^2/NDF: 48.5/55

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 295.927+/-0.075 χ^2/NDF:349294.9/10

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 296.632+/-0.077 χ^2/NDF:41468.3/8

Left: 296.267+/-0.054 χ^2/NDF: 390806.0/19

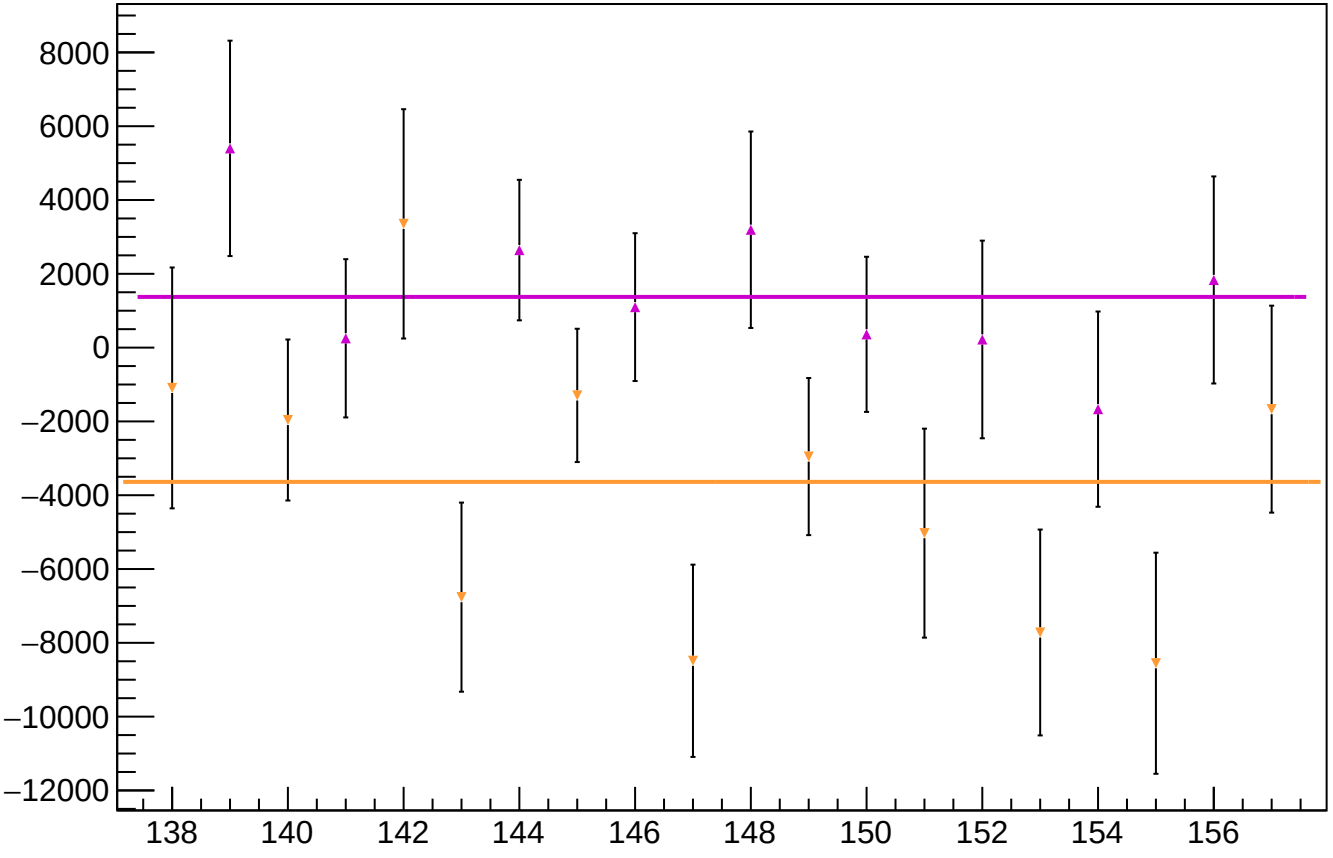
Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 281.037+/-0.054 χ^2/NDF:670174.6/25

Out: 274.873+/-0.051 χ^2/NDF:1195613.3/29

All: 277.809+/-0.037 χ^2/NDF: 1872688.3/55

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -3638.157+/-761.125 χ^2/NDF:18.6/10

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

Left In: 1374.195+/-781.616 χ^2/NDF:4.9/8

Left: -1198.543+/-545.297 χ^2/NDF: 44.5/19

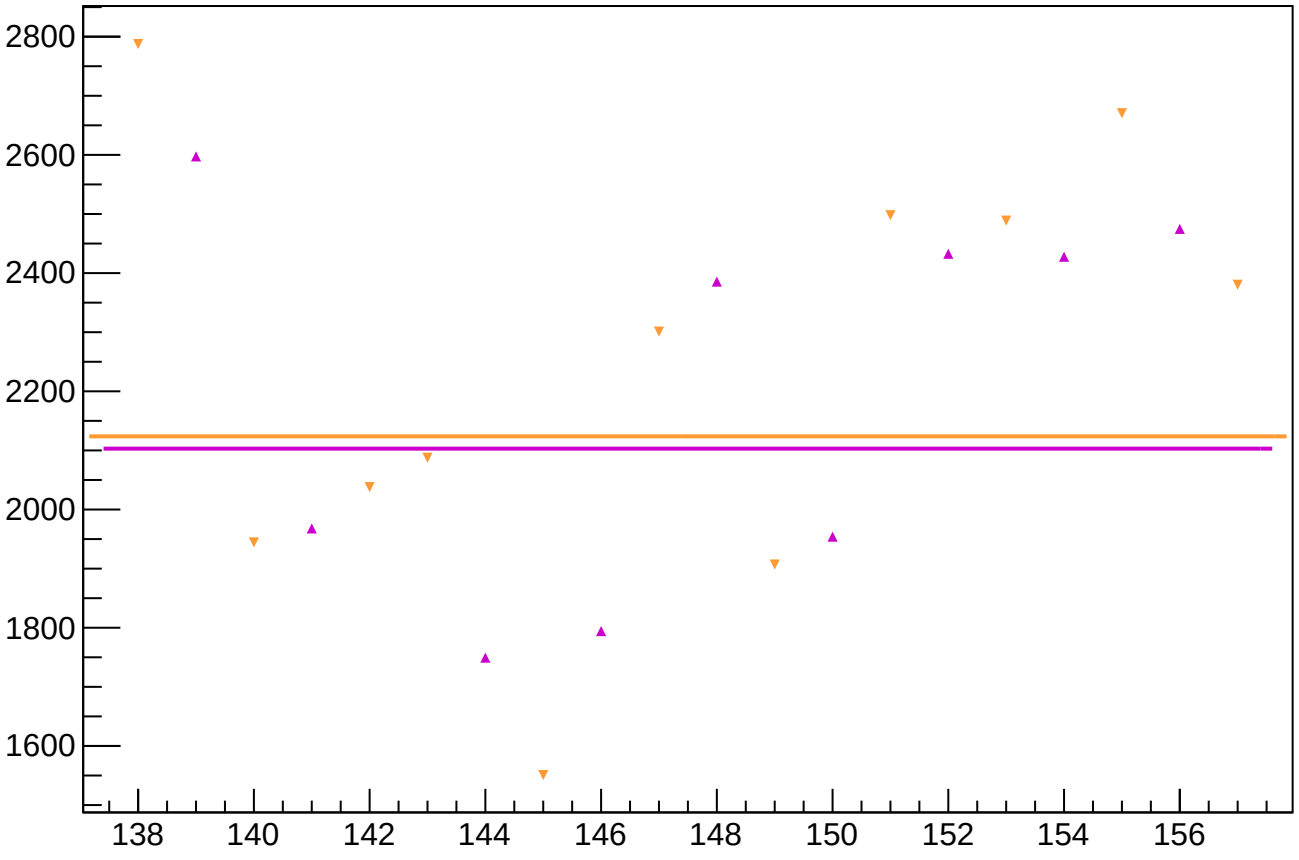
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1374.195+/-781.616 χ^2/NDF:4.9/8

Out: -3638.157+/-761.125 χ^2/NDF:18.6/10

All: -1198.543+/-545.297 χ^2/NDF: 44.5/19

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2123.753+/-0.538 χ^2/NDF:481939.4/10

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

Left In: 2103.004+/-0.553 χ^2/NDF:309977.7/8

Left: 2113.654+/-0.386 χ^2/NDF: 792640.5/19

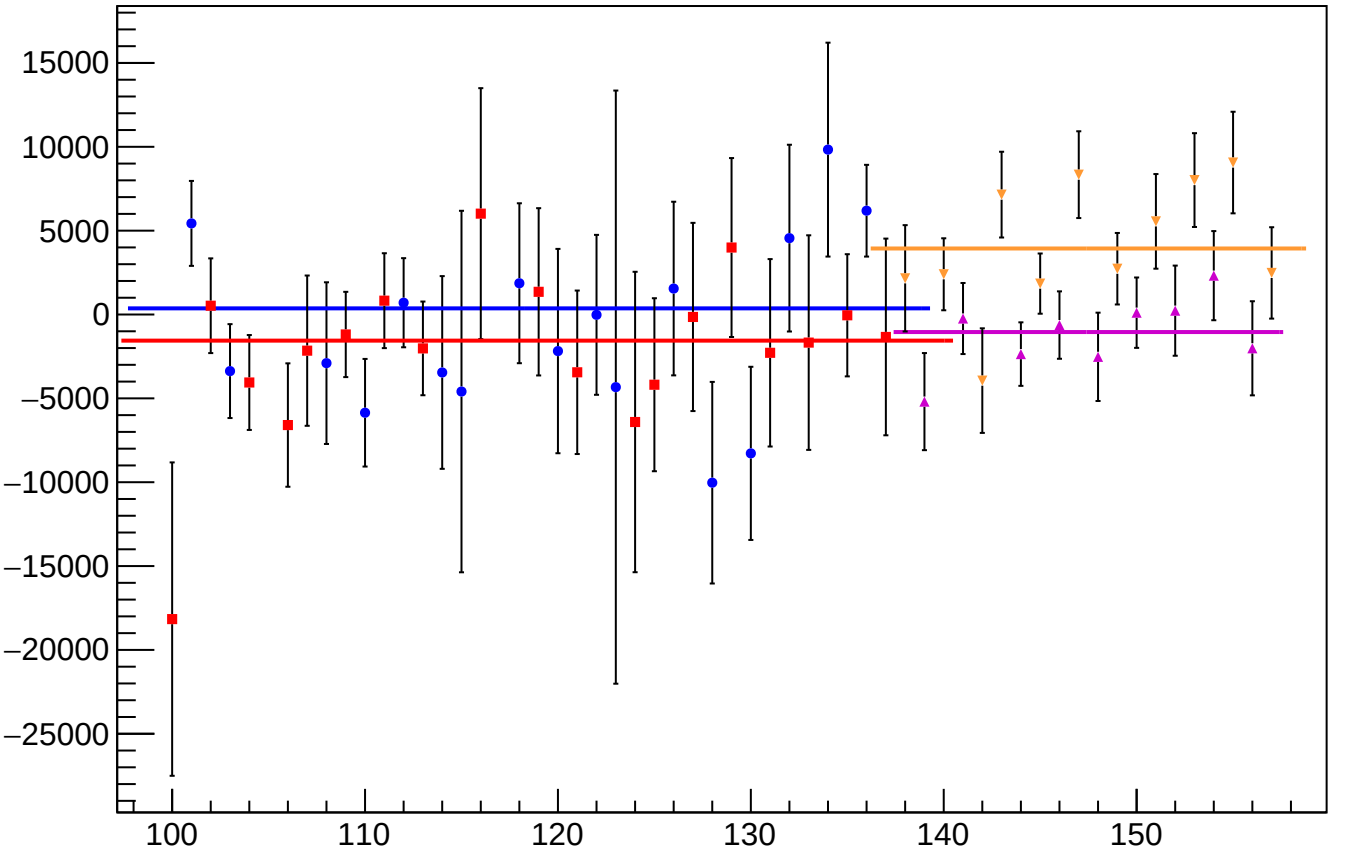
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2103.004+/-0.553 χ^2/NDF:309977.7/8

Out: 2123.753+/-0.538 χ^2/NDF:481939.4/10

All: 2113.654+/-0.386 χ^2/NDF: 792640.5/19

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 3936.724+/-756.120 χ^2/NDF:19.0/10

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: -1045.917+/-779.261 χ^2/NDF:5.3/8

Left: 1520.483+/-542.654 χ^2/NDF: 45.3/19

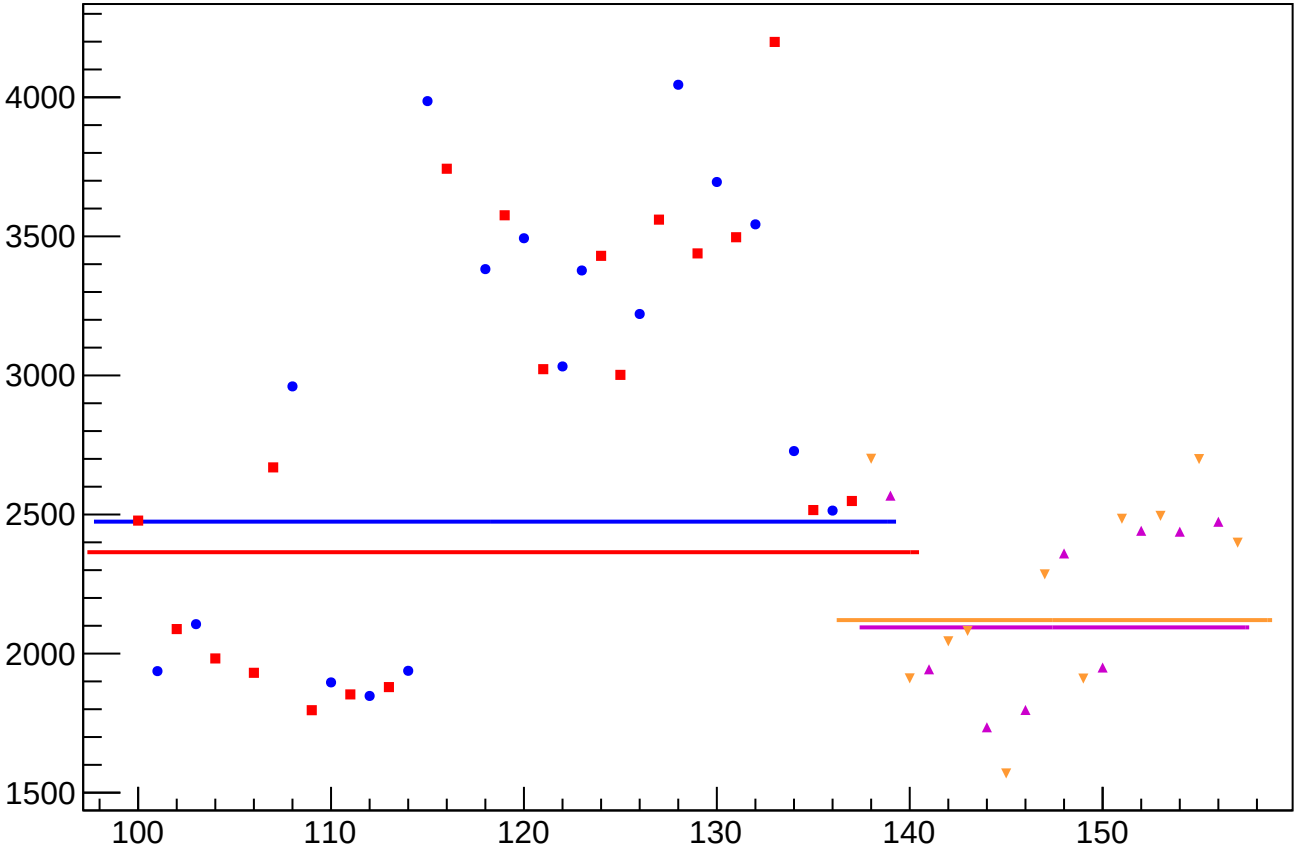
Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: -507.276+/-612.911 χ^2/NDF:30.7/25

Out: 1733.227+/-585.168 χ^2/NDF:50.7/29

All: 664.828+/-423.244 χ^2/NDF: 88.4/55

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2120.393+/-0.535 χ^2/NDF:466951.8/10

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2094.199+/-0.551 χ^2/NDF:312585.4/8

Left: 2107.691+/-0.384 χ^2/NDF: 780701.1/19

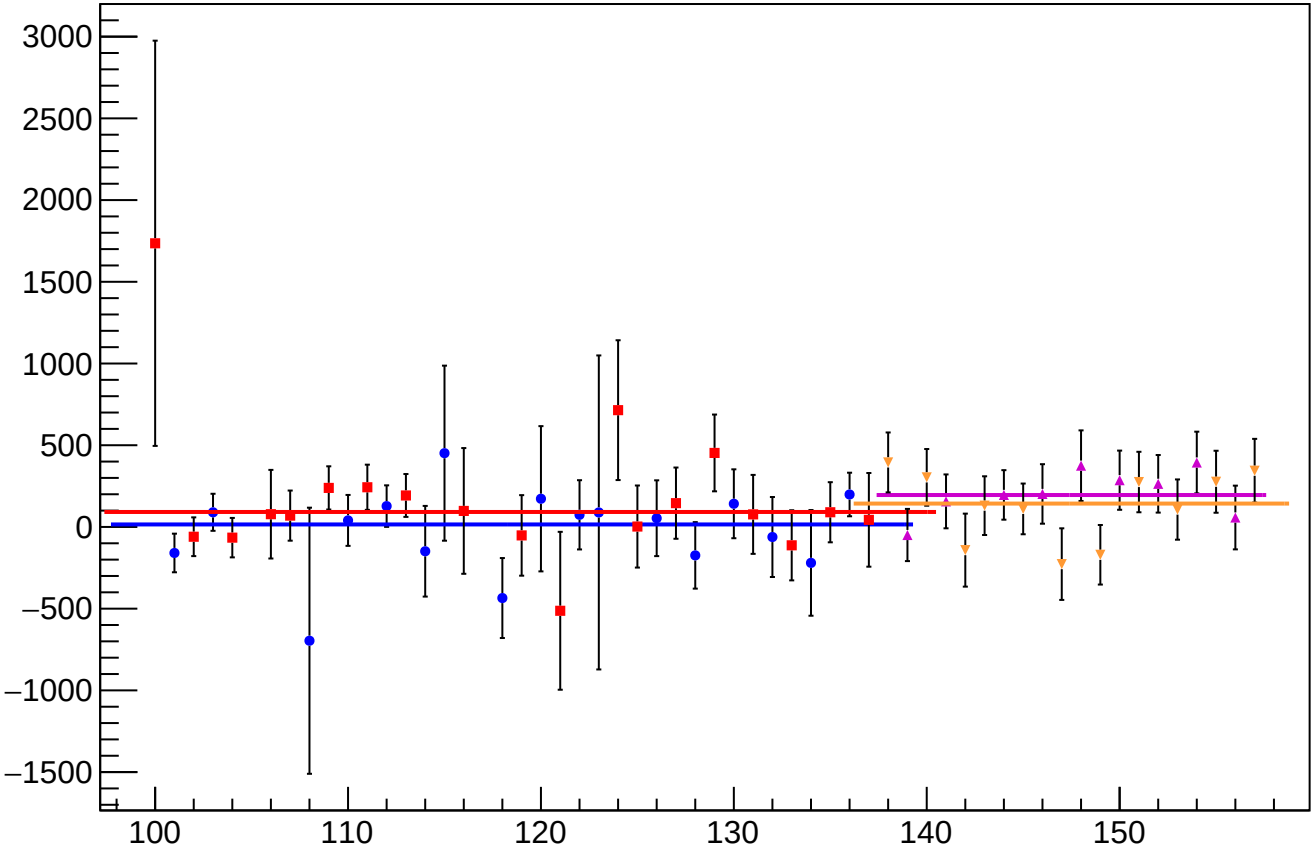
Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2239.194+/-0.433 χ^2/NDF:1400405.2/25

Out: 2218.299+/-0.414 χ^2/NDF:1573963.1/29

All: 2228.262+/-0.299 χ^2/NDF: 2975584.4/55

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 142.987+/-55.962 χ^2/NDF:12.3/10

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 195.321+/-58.892 χ^2/NDF:5.1/8

Left: 167.820+/-40.568 χ^2/NDF: 17.9/19

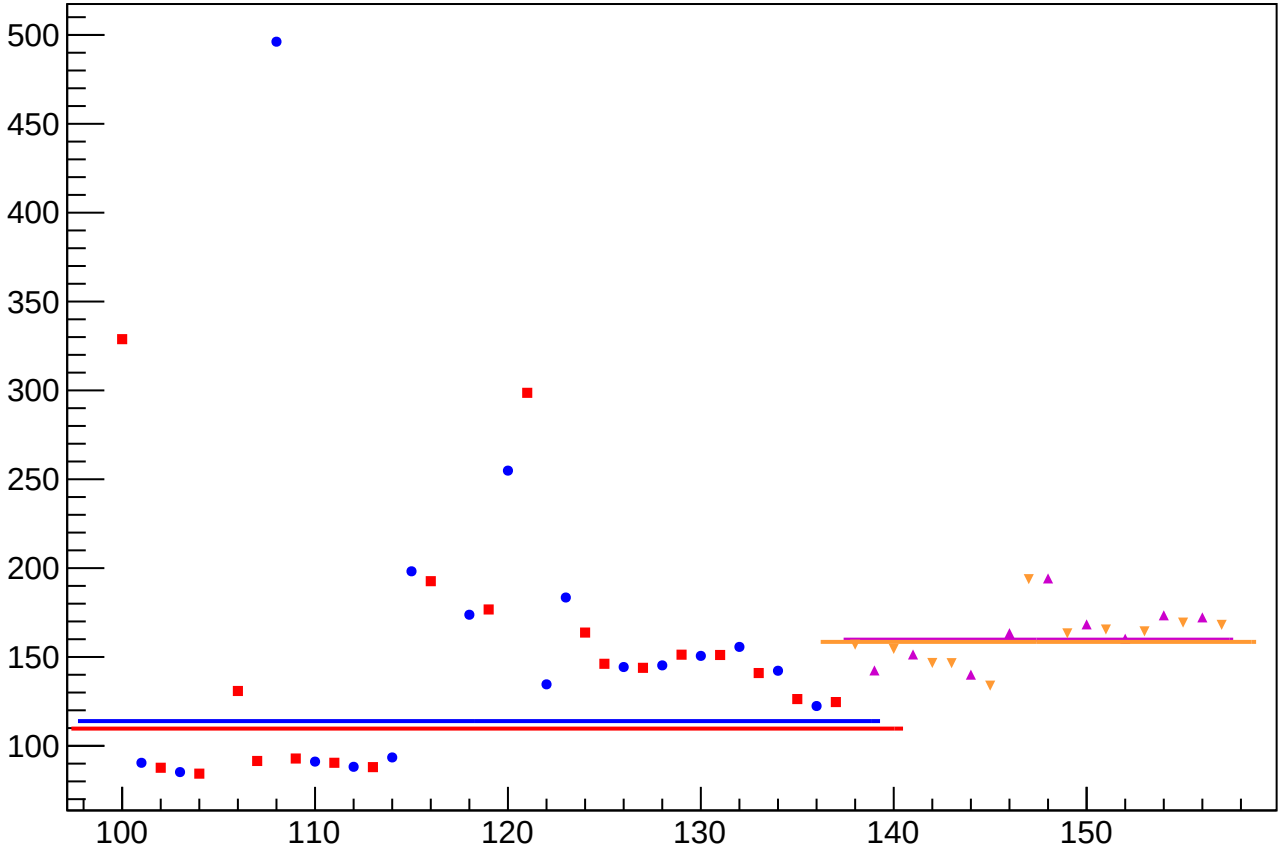
Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 84.330+/-36.468 χ^2/NDF:23.4/25

Out: 110.875+/-34.255 χ^2/NDF:28.5/29

All: 98.432+/-24.968 χ^2/NDF: 52.2/55

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 158.498+/-0.040 χ^2/NDF:135642.3/10

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 159.756+/-0.042 χ^2/NDF:137488.3/8

Left: 159.095+/-0.029 χ^2/NDF: 273610.5/19

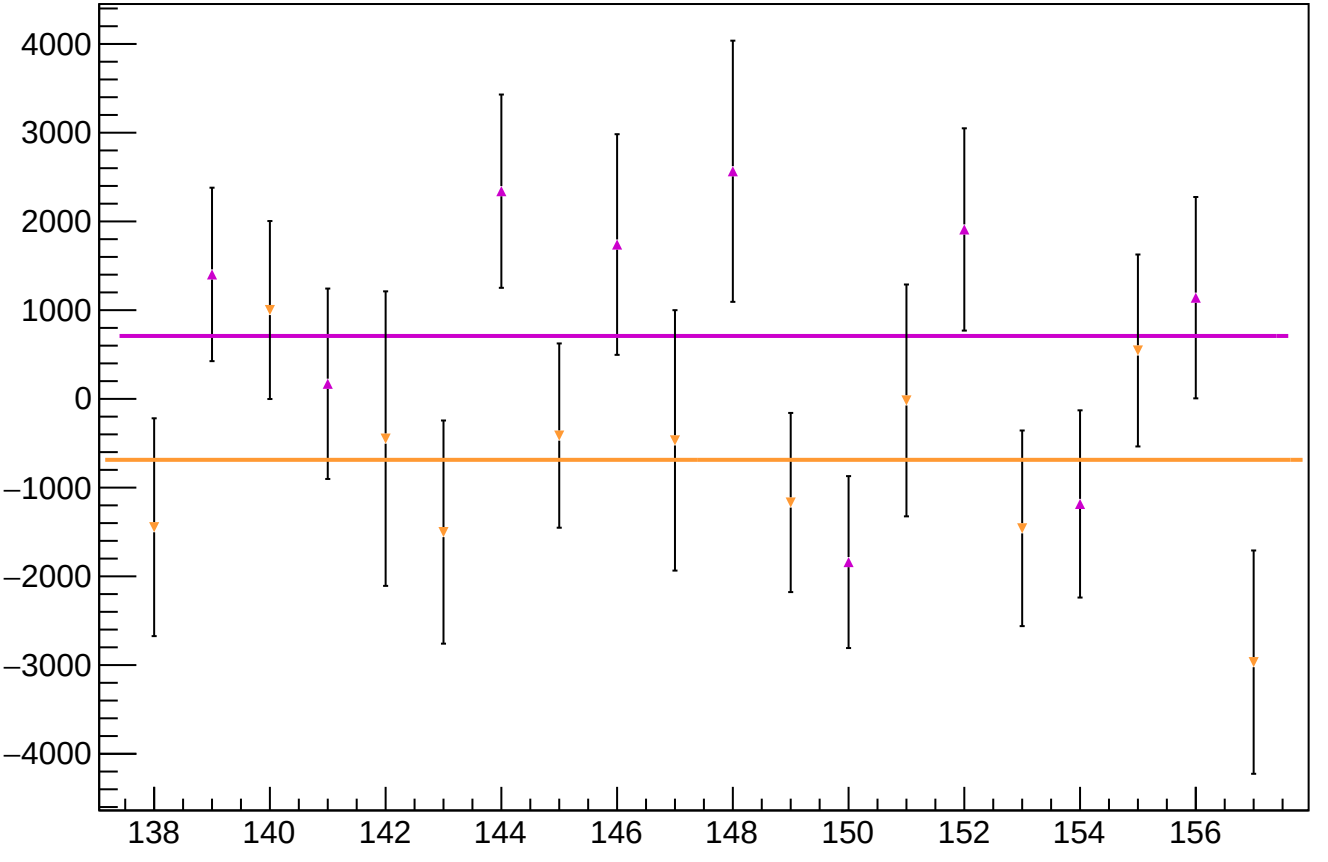
Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 131.503+/-0.026 χ^2/NDF:2291930.0/25

Out: 127.989+/-0.024 χ^2/NDF:2328217.3/29

All: 129.636+/-0.018 χ^2/NDF: 4630011.0/55

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -686.840+/-355.321 χ^2/NDF:9.3/10

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

Left In: 709.222+/-368.193 χ^2/NDF:16.7/8

Left: -13.639+/-255.680 χ^2/NDF: 33.4/19

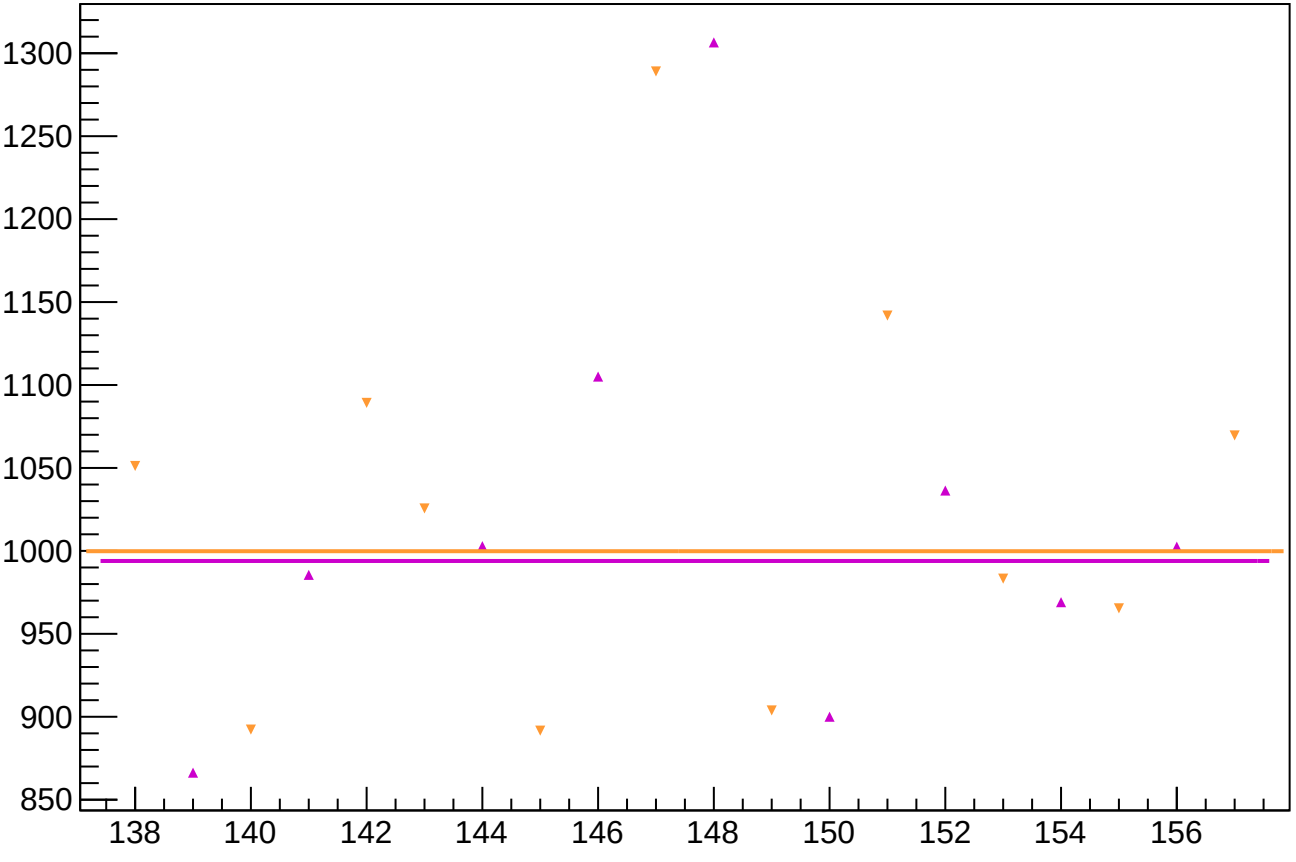
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 709.222+/-368.193 χ^2/NDF:16.7/8

Out: -686.840+/-355.321 χ^2/NDF:9.3/10

All: -13.639+/-255.680 χ^2/NDF: 33.4/19

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 999.807+/-0.251 χ^2/NDF:182867.0/10

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

Left In: 993.920+/-0.260 χ^2/NDF:163347.5/8

Left: 996.968+/-0.181 χ^2/NDF: 346479.3/19

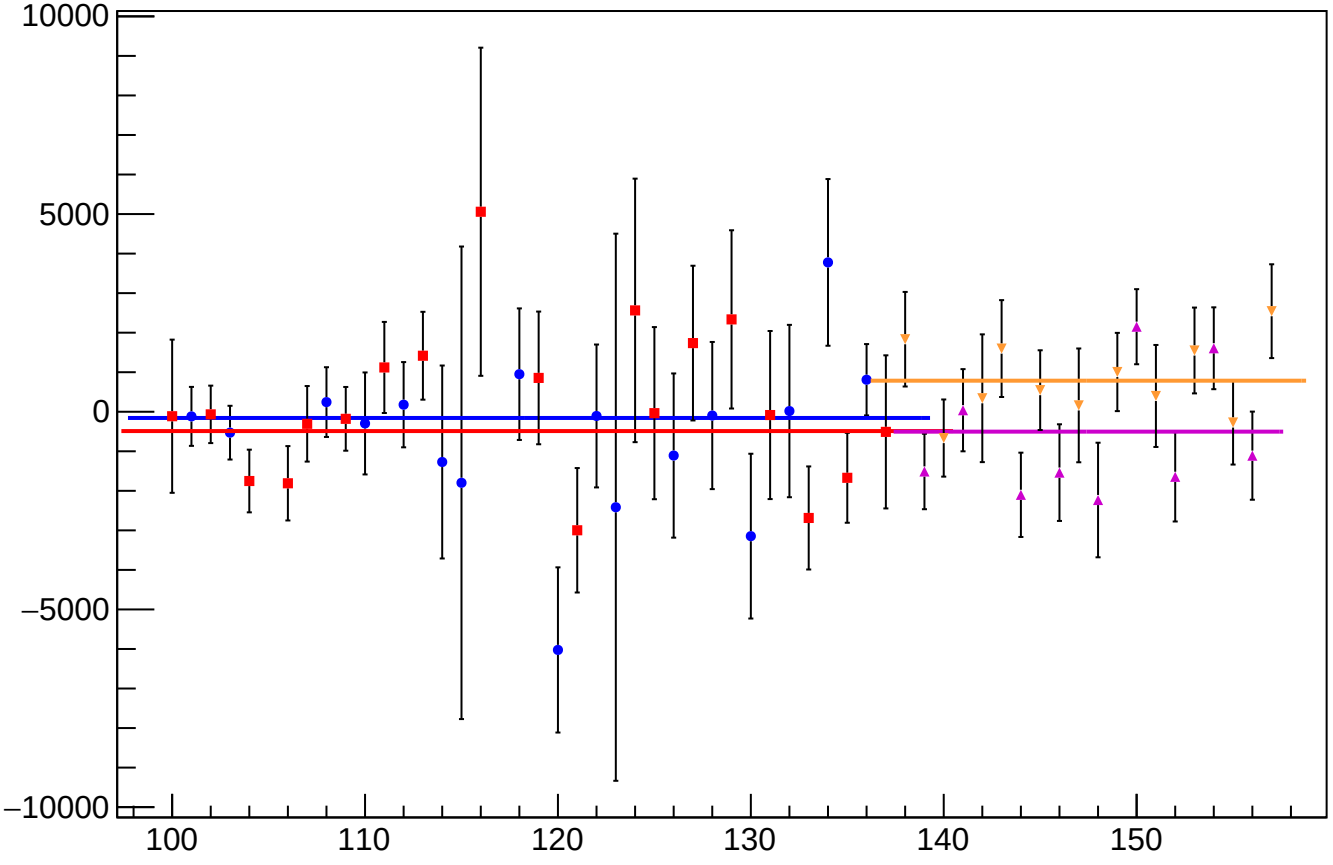
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 993.920+/-0.260 χ^2/NDF:163347.5/8

Out: 999.807+/-0.251 χ^2/NDF:182867.0/10

All: 996.968+/-0.181 χ^2/NDF: 346479.3/19

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 785.561+/-346.466 χ^2/NDF:7.6/10

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -502.998+/-360.863 χ^2/NDF:19.1/8

Left: 167.498+/-249.923 χ^2/NDF: 33.2/19

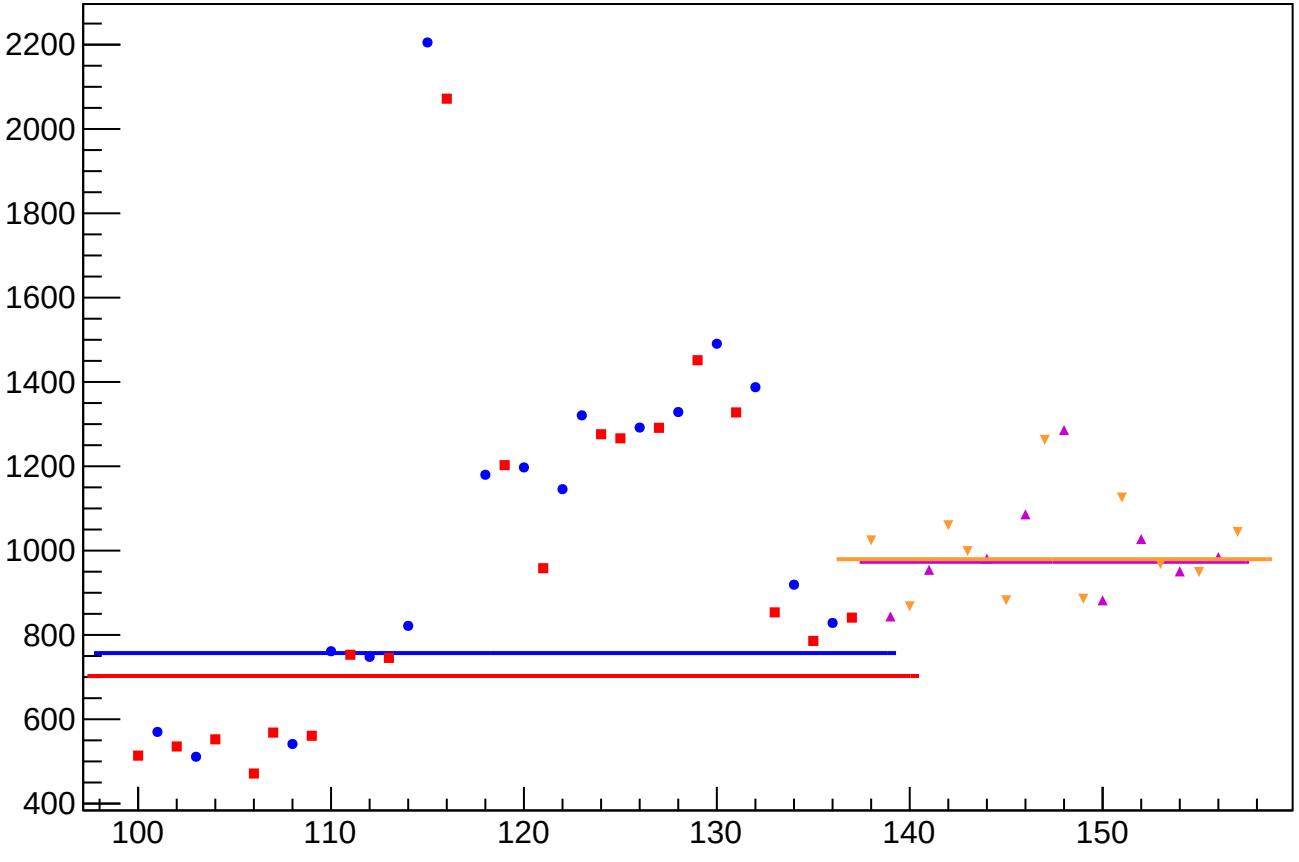
Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -305.378+/-236.233 χ^2/NDF:35.8/25

Out: 20.795+/-219.064 χ^2/NDF:38.3/29

All: -130.009+/-160.629 χ^2/NDF: 75.2/55

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 979.597+/-0.245 χ^2/NDF:182085.2/10

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 973.462+/-0.255 χ^2/NDF:171936.5/8

Left: 976.654+/-0.177 χ^2/NDF: 354322.5/19

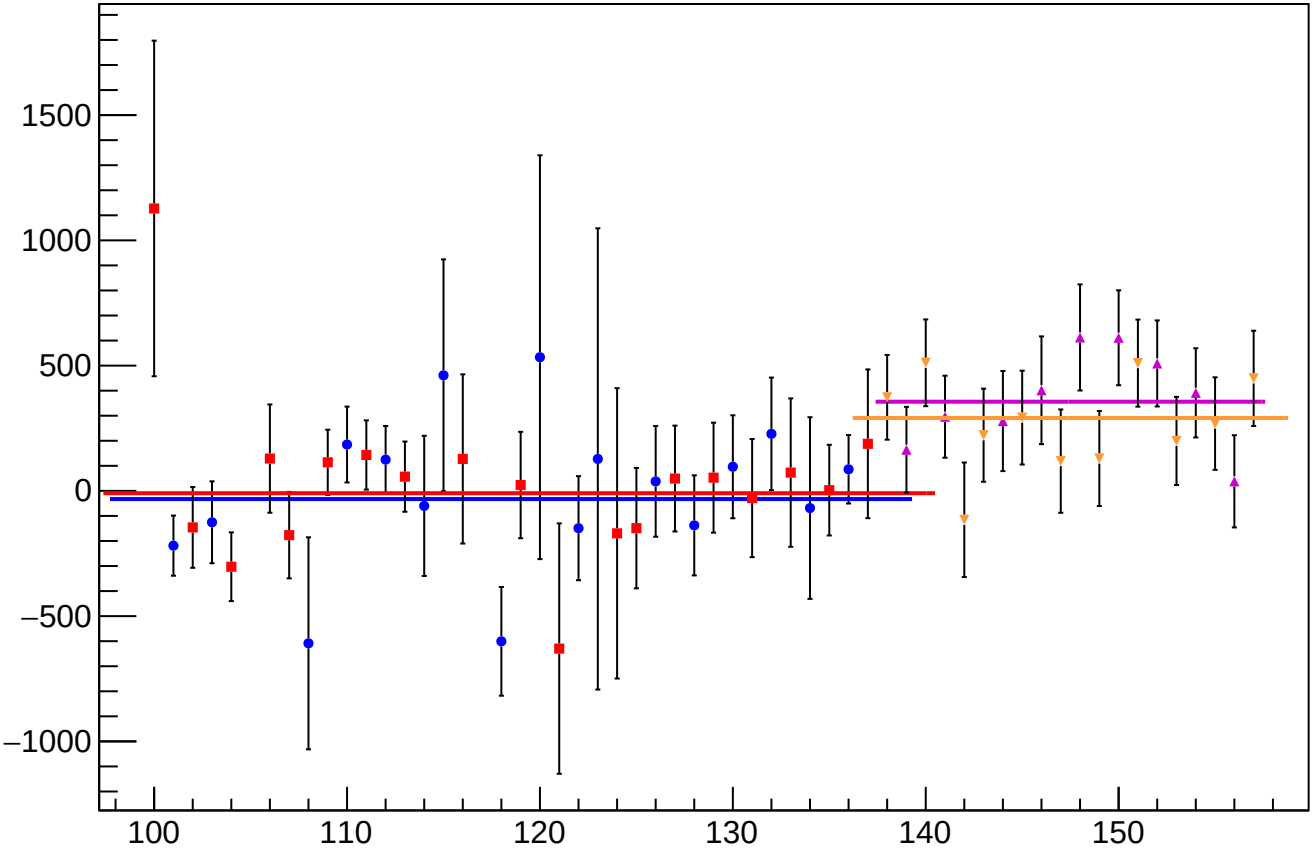
Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 849.755+/-0.167 χ^2/NDF:2294515.9/25

Out: 813.372+/-0.155 χ^2/NDF:2638663.3/29

All: 830.193+/-0.114 χ^2/NDF: 4958686.6/55

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 290.866+/-56.021 χ^2/NDF:9.1/10

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 355.986+/-61.635 χ^2/NDF:8.7/8

Left: 320.326+/-41.456 χ^2/NDF: 18.4/19

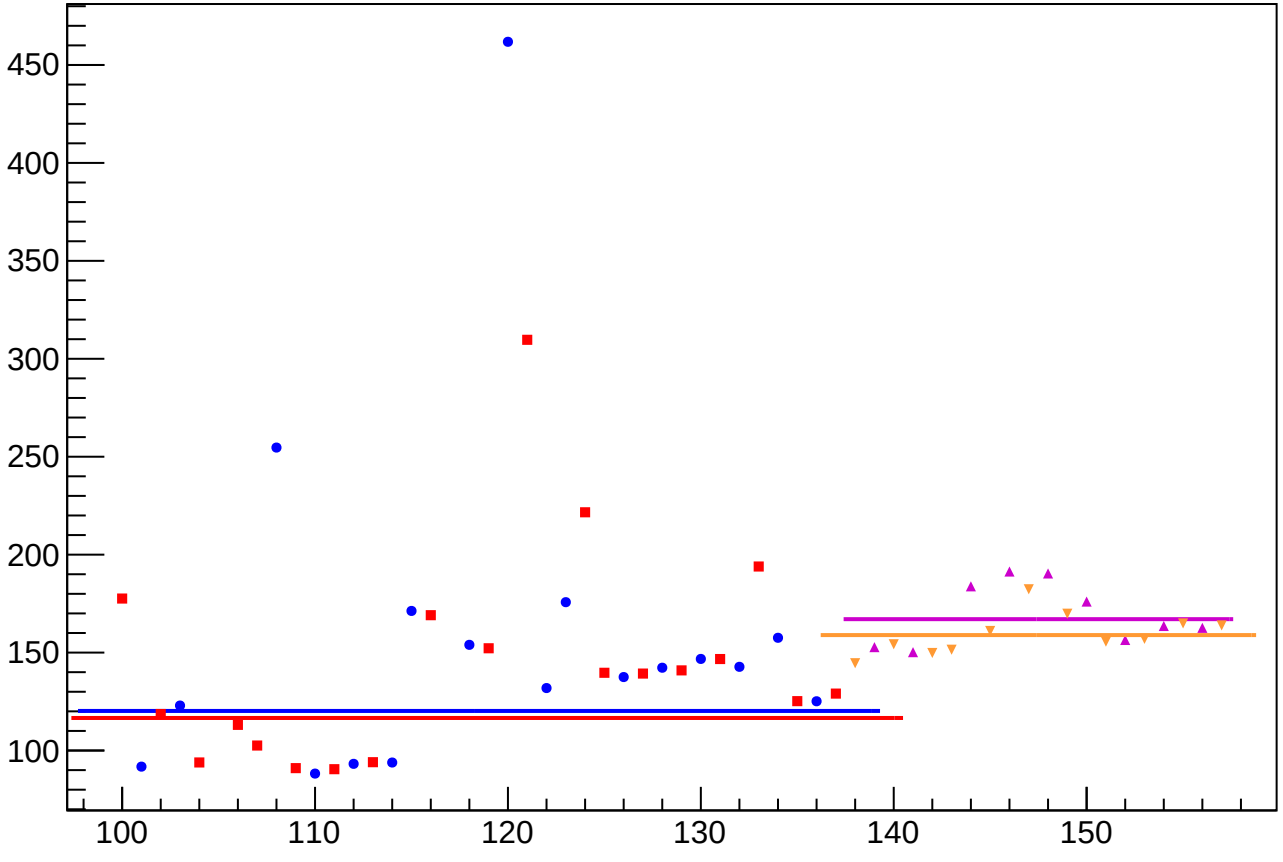
Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 115.679+/-38.081 χ^2/NDF:53.0/25

Out: 110.336+/-35.365 χ^2/NDF:41.1/29

All: 112.810+/-25.914 χ^2/NDF: 94.1/55

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 158.939+/-0.040 χ^2/NDF:59359.0/10

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 167.067+/-0.044 χ^2/NDF:113112.8/8

Left: 162.616+/-0.029 χ^2/NDF: 191517.8/19

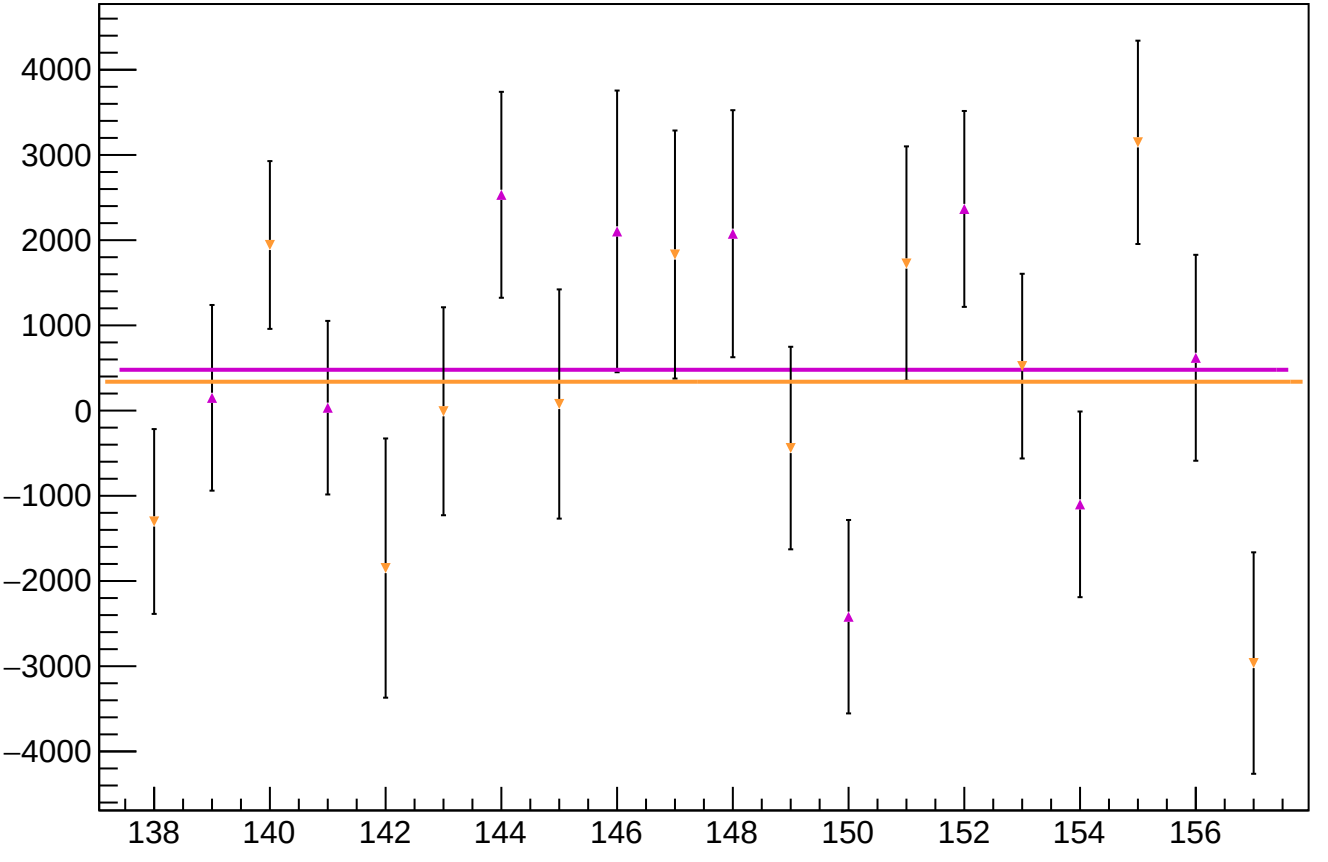
Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 138.095+/-0.027 χ^2/NDF:1890179.6/25

Out: 133.484+/-0.025 χ^2/NDF:1743850.9/29

All: 135.619+/-0.018 χ^2/NDF: 3649776.2/55

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 338.689+/-367.794 χ^2/NDF:21.7/10

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

Left In: 478.973+/-395.506 χ^2/NDF:16.7/8

Left: 403.745+/-269.334 χ^2/NDF: 38.4/19

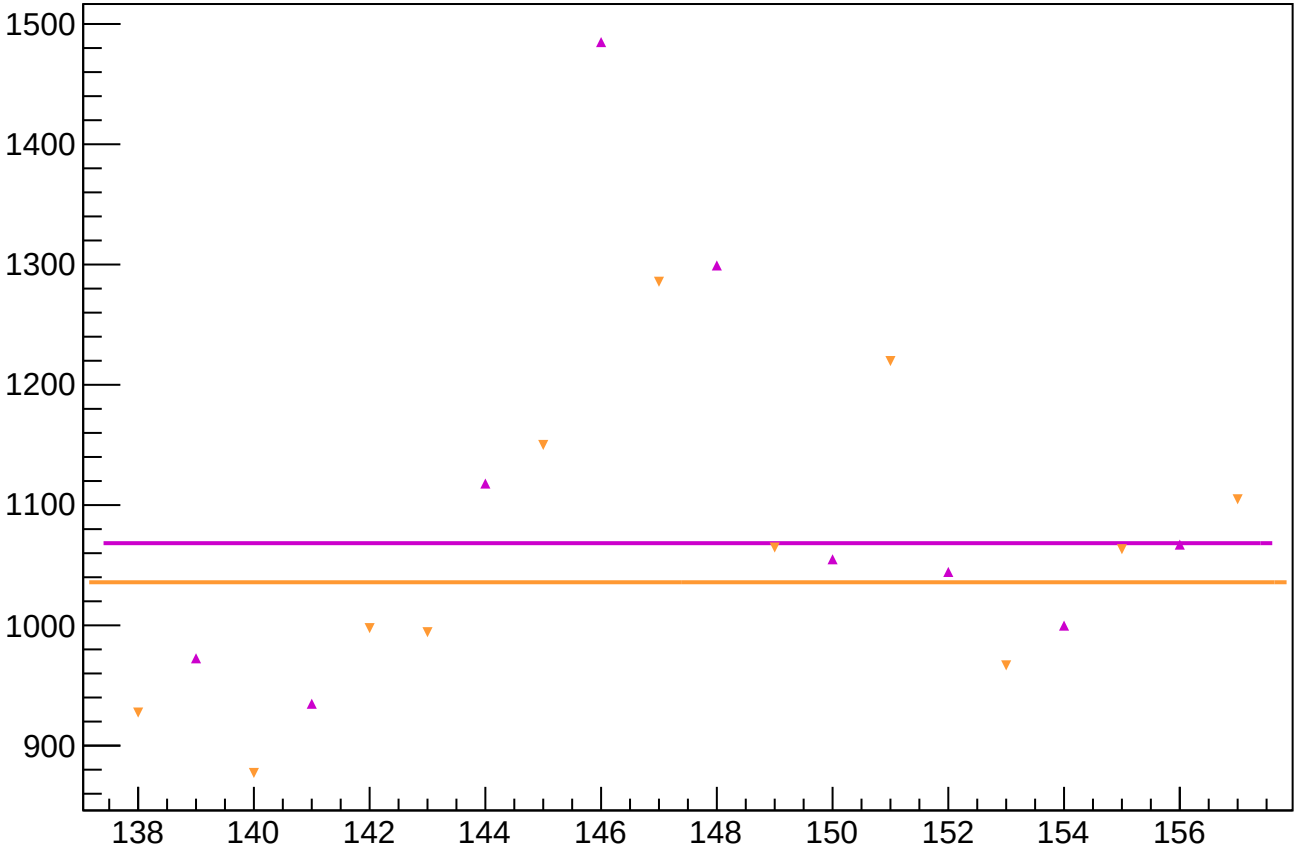
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 478.973+/-395.506 χ^2/NDF:16.7/8

Out: 338.689+/-367.794 χ^2/NDF:21.7/10

All: 403.745+/-269.334 χ^2/NDF: 38.4/19

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 1035.829+/-0.260 χ^2/NDF:200511.7/10

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

Left In: 1068.324+/-0.280 χ^2/NDF:240021.8/8

Left: 1050.898+/-0.190 χ^2/NDF: 447773.1/19

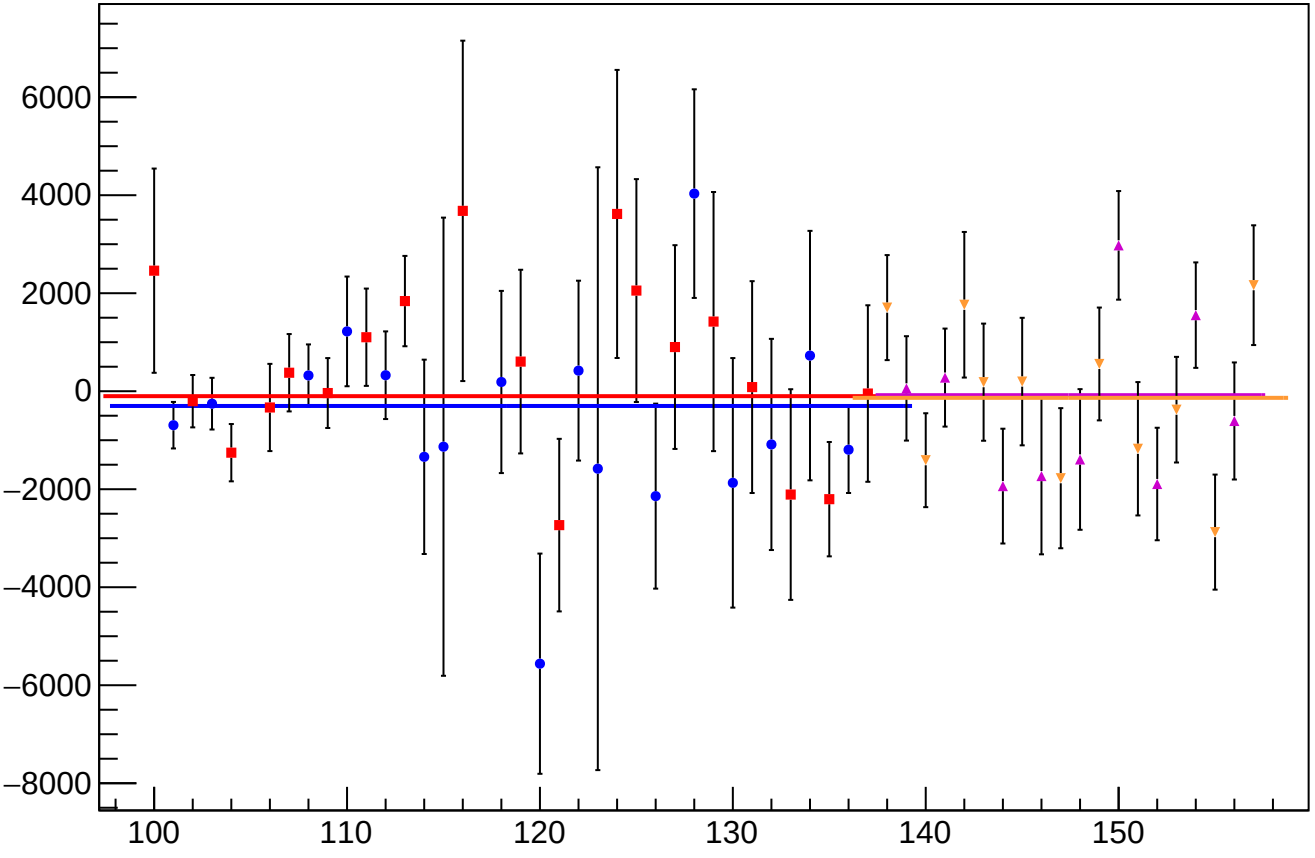
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1068.324+/-0.280 χ^2/NDF:240021.8/8

Out: 1035.829+/-0.260 χ^2/NDF:200511.7/10

All: 1050.898+/-0.190 χ^2/NDF: 447773.1/19

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: -135.178+/-359.378 χ^2/NDF:17.8/10

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: -80.952+/-388.524 χ^2/NDF:17.2/8

Left: -110.175+/-263.822 χ^2/NDF: 35.0/19

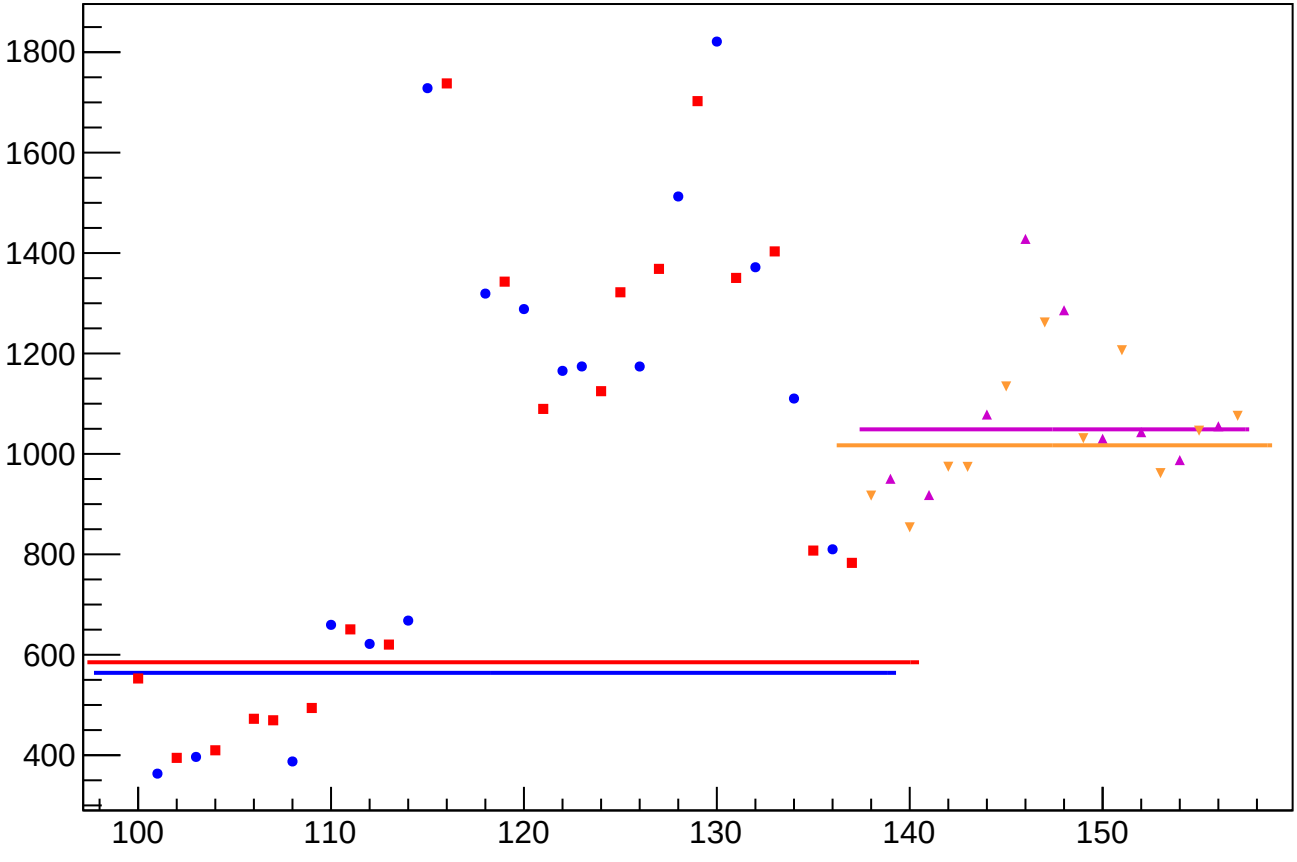
Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -236.553+/-210.262 χ^2/NDF:34.2/25

Out: -111.806+/-202.986 χ^2/NDF:40.3/29

All: -171.984+/-146.037 χ^2/NDF: 74.7/55

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1017.121+/-0.254 χ^2/NDF:204778.5/10

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1048.902+/-0.275 χ^2/NDF:227082.8/8

Left: 1031.775+/-0.187 χ^2/NDF: 439073.0/19

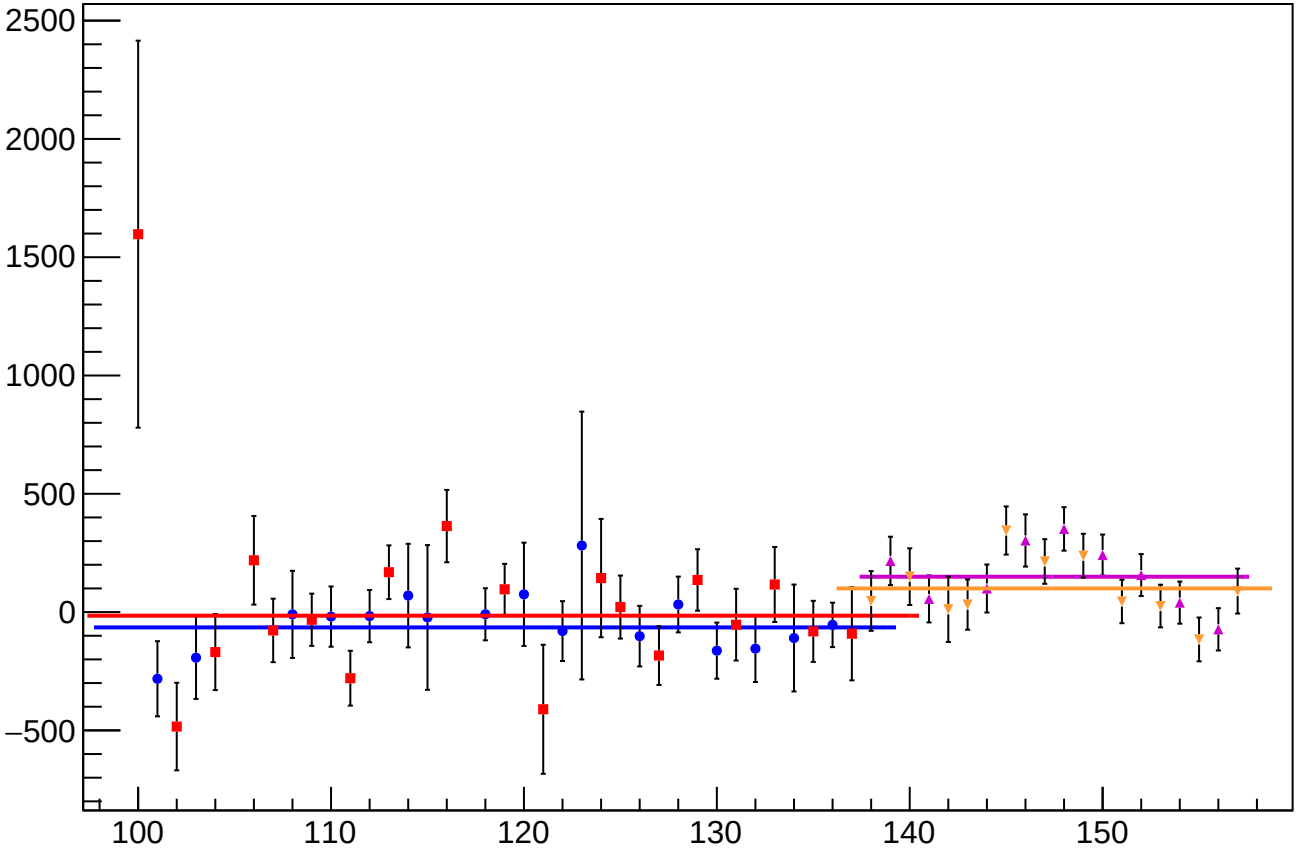
Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 706.019+/-0.149 χ^2/NDF:5691450.8/25

Out: 722.906+/-0.144 χ^2/NDF:4994081.8/29

All: 714.760+/-0.103 χ^2/NDF: 10692210.1/55

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 99.977+/-30.601 χ^2/NDF:17.1/10

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 149.448+/-31.527 χ^2/NDF:17.1/8

Left: 123.975+/-21.958 χ^2/NDF: 35.5/19

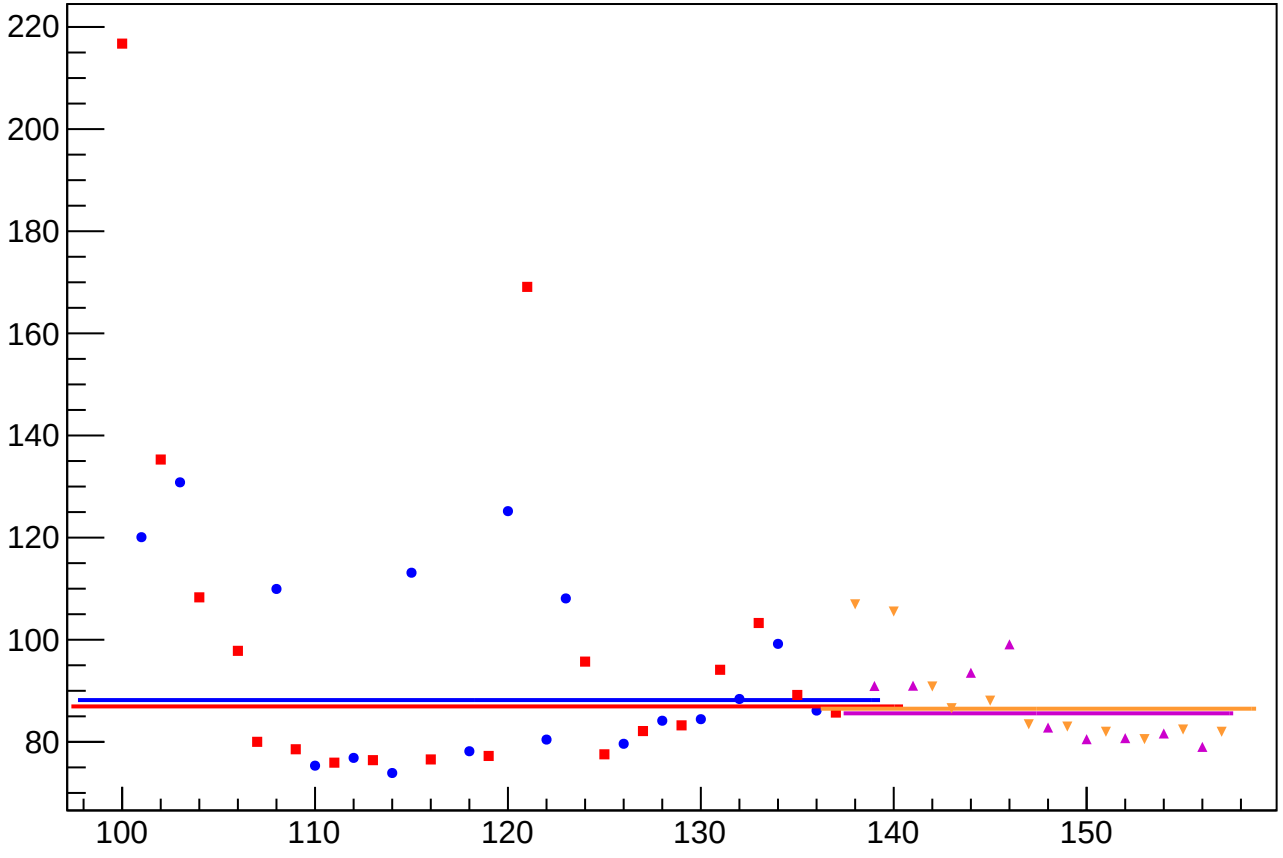
Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: 52.349+/-23.313 χ^2/NDF:44.2/25

Out: 47.410+/-22.570 χ^2/NDF:58.6/29

All: 49.800+/-16.215 χ^2/NDF: 102.8/55

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 86.496+/-0.022 χ^2/NDF:132242.8/10

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 85.589+/-0.022 χ^2/NDF:83062.4/8

Left: 86.056+/-0.016 χ^2/NDF: 216157.4/19

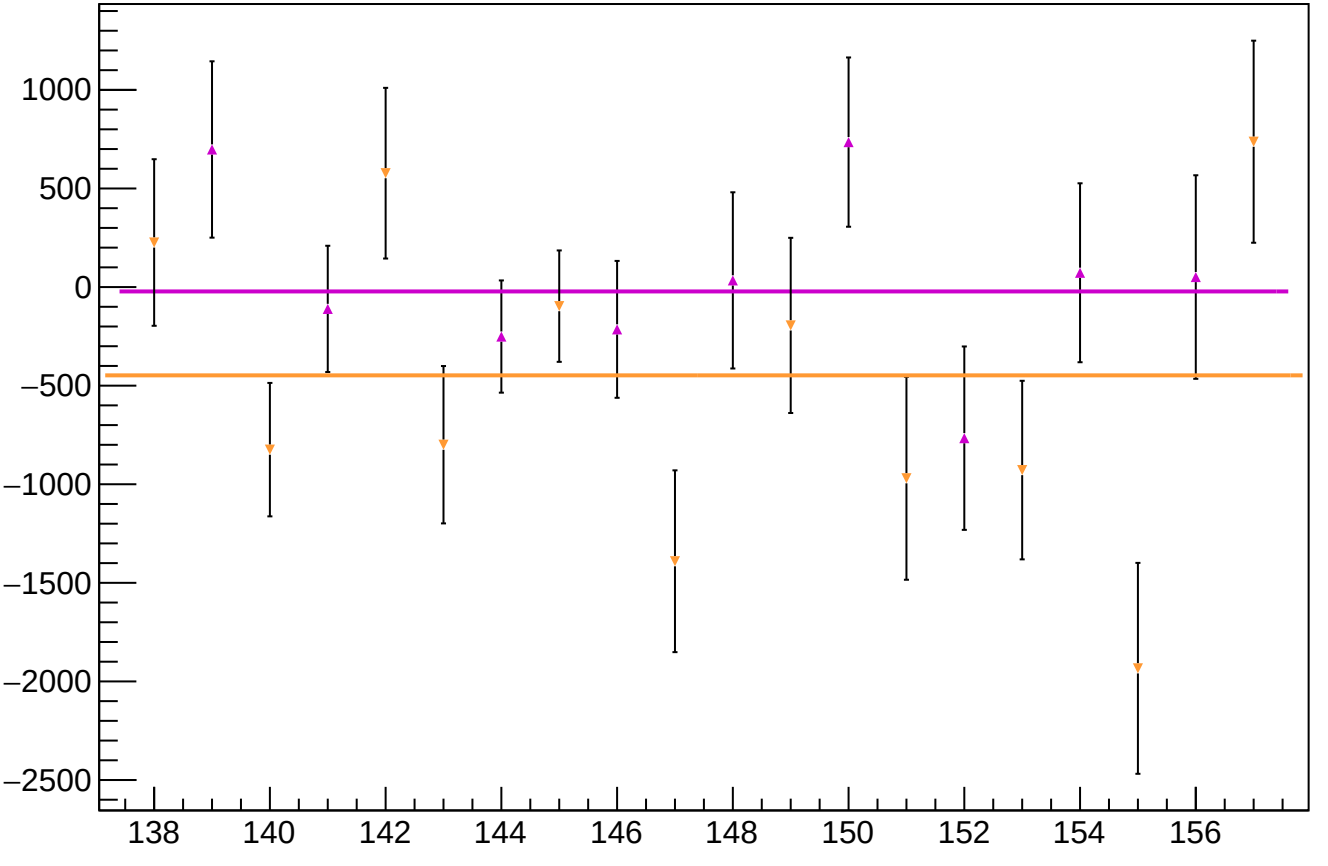
Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 86.766+/-0.016 χ^2/NDF:483659.9/25

Out: 86.700+/-0.016 χ^2/NDF:663797.1/29

All: 86.732+/-0.011 χ^2/NDF: 1147465.3/55

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -447.744+/-124.791 χ^2/NDF:31.4/10

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

Left In: -22.147+/-130.111 χ^2/NDF:9.4/8

Left: -243.825+/-90.063 χ^2/NDF: 46.4/19

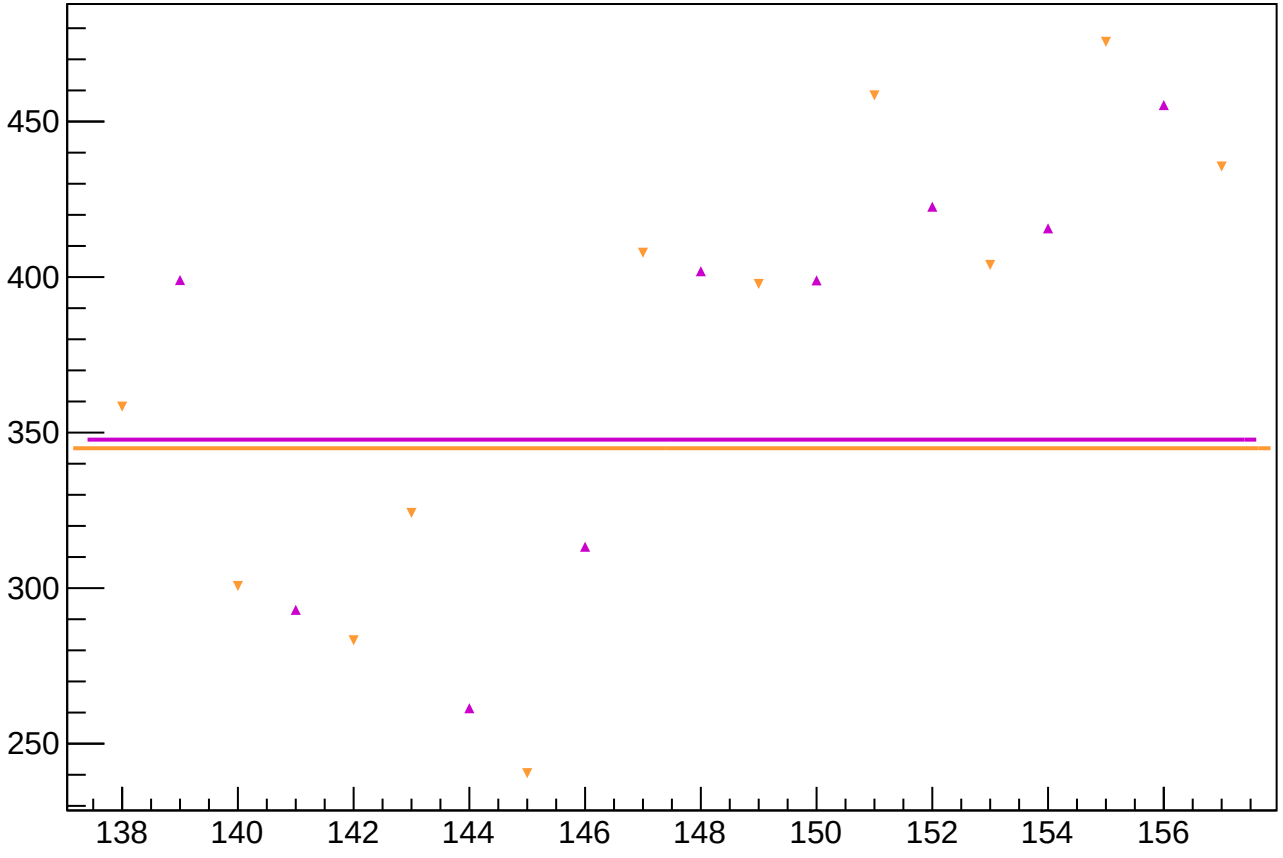
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.147+/-130.111 χ^2/NDF:9.4/8

Out: -447.744+/-124.791 χ^2/NDF:31.4/10

All: -243.825+/-90.063 χ^2/NDF: 46.4/19

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 344.968+/-0.088 χ^2/NDF:734085.3/10

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

Left In: 347.741+/-0.092 χ^2/NDF:529813.5/8

Left: 346.297+/-0.064 χ^2/NDF: 1264372.0/19

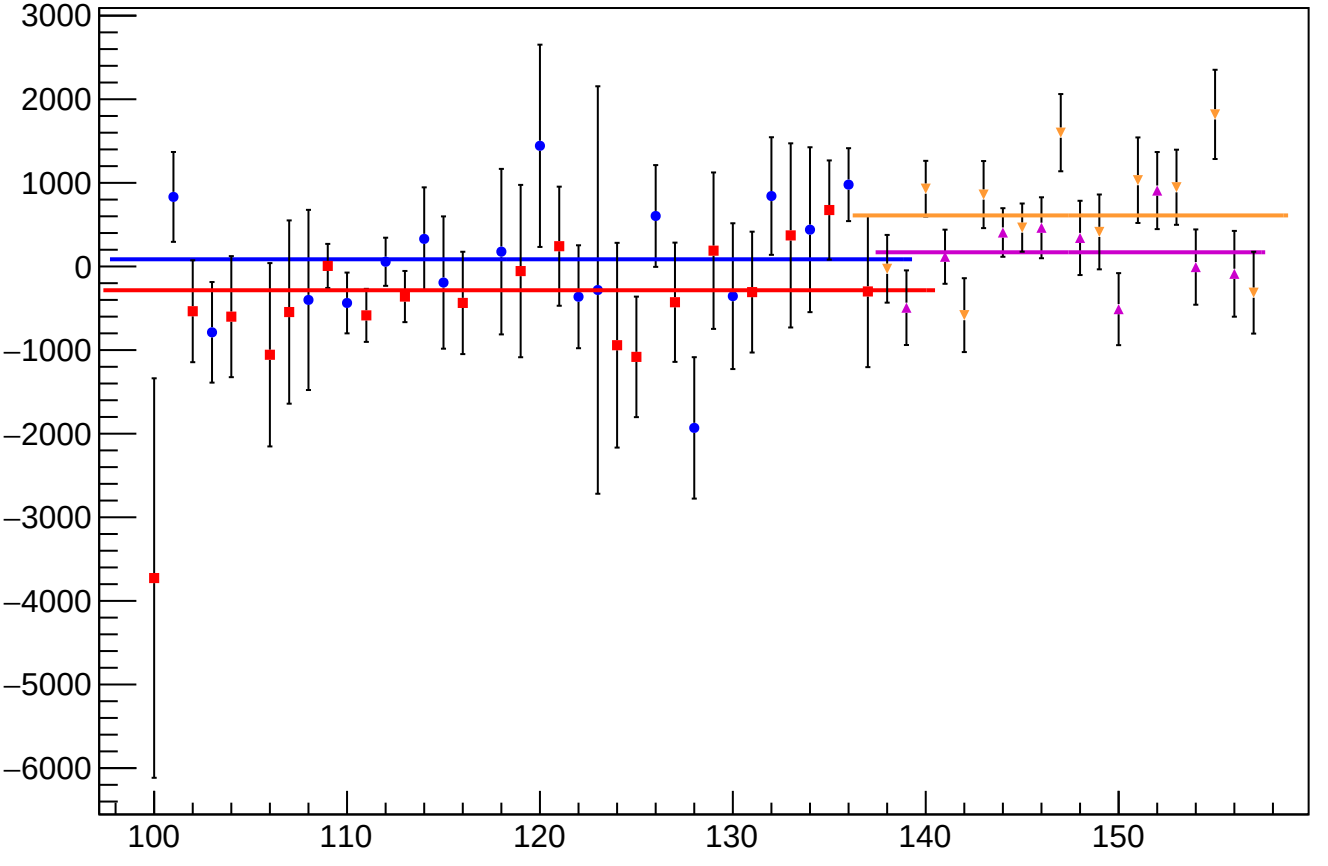
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 347.741+/-0.092 χ^2/NDF:529813.5/8

Out: 344.968+/-0.088 χ^2/NDF:734085.3/10

All: 346.297+/-0.064 χ^2/NDF: 1264372.0/19

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 610.515+/-124.382 χ^2/NDF:26.1/10

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 169.731+/-131.502 χ^2/NDF:9.2/8

Left: 402.378+/-90.363 χ^2/NDF: 41.1/19

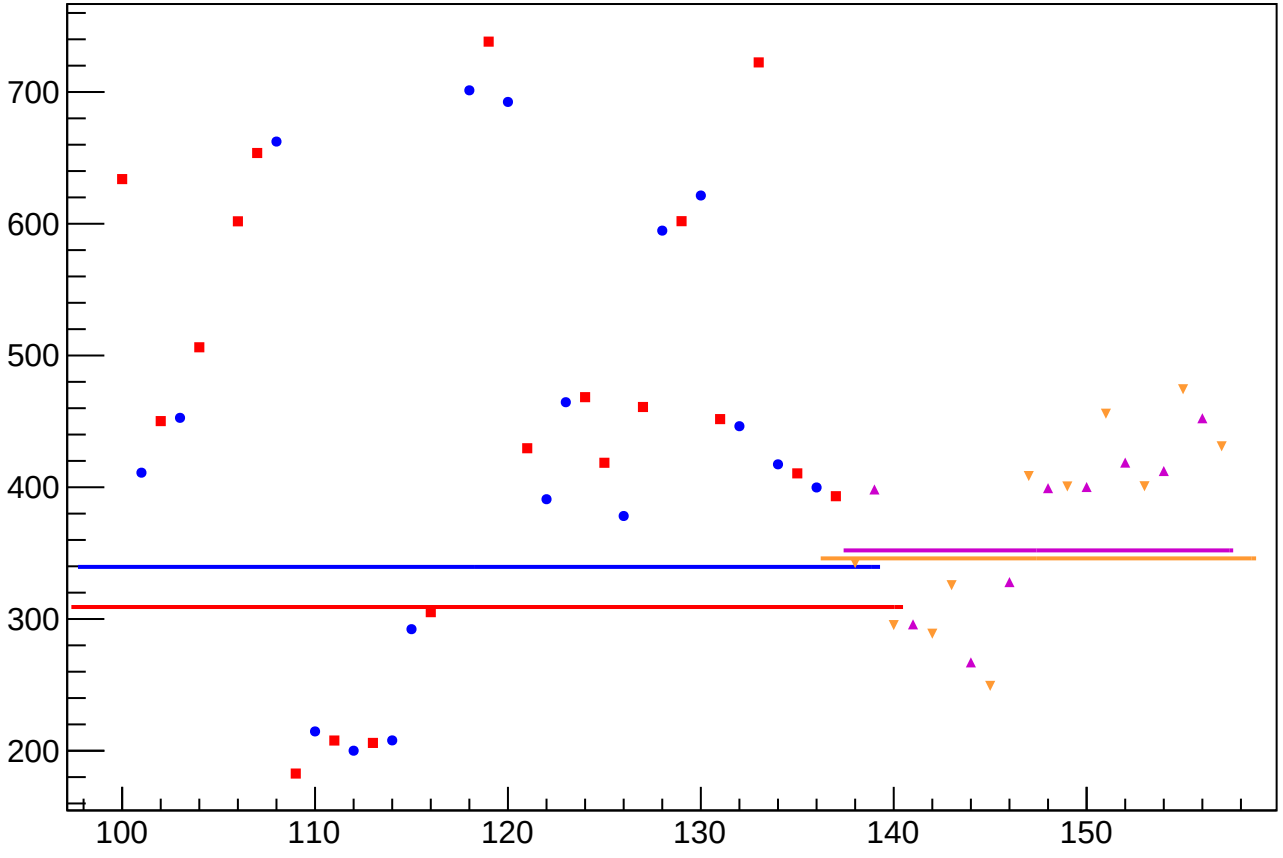
Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 131.163+/-96.672 χ^2/NDF:29.9/25

Out: 181.406+/-89.739 χ^2/NDF:61.5/29

All: 158.151+/-65.770 χ^2/NDF: 91.5/55

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 346.009+/-0.088 χ^2/NDF:674835.2/10

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 352.075+/-0.093 χ^2/NDF:462960.5/8

Left: 348.873+/-0.064 χ^2/NDF: 1140041.7/19

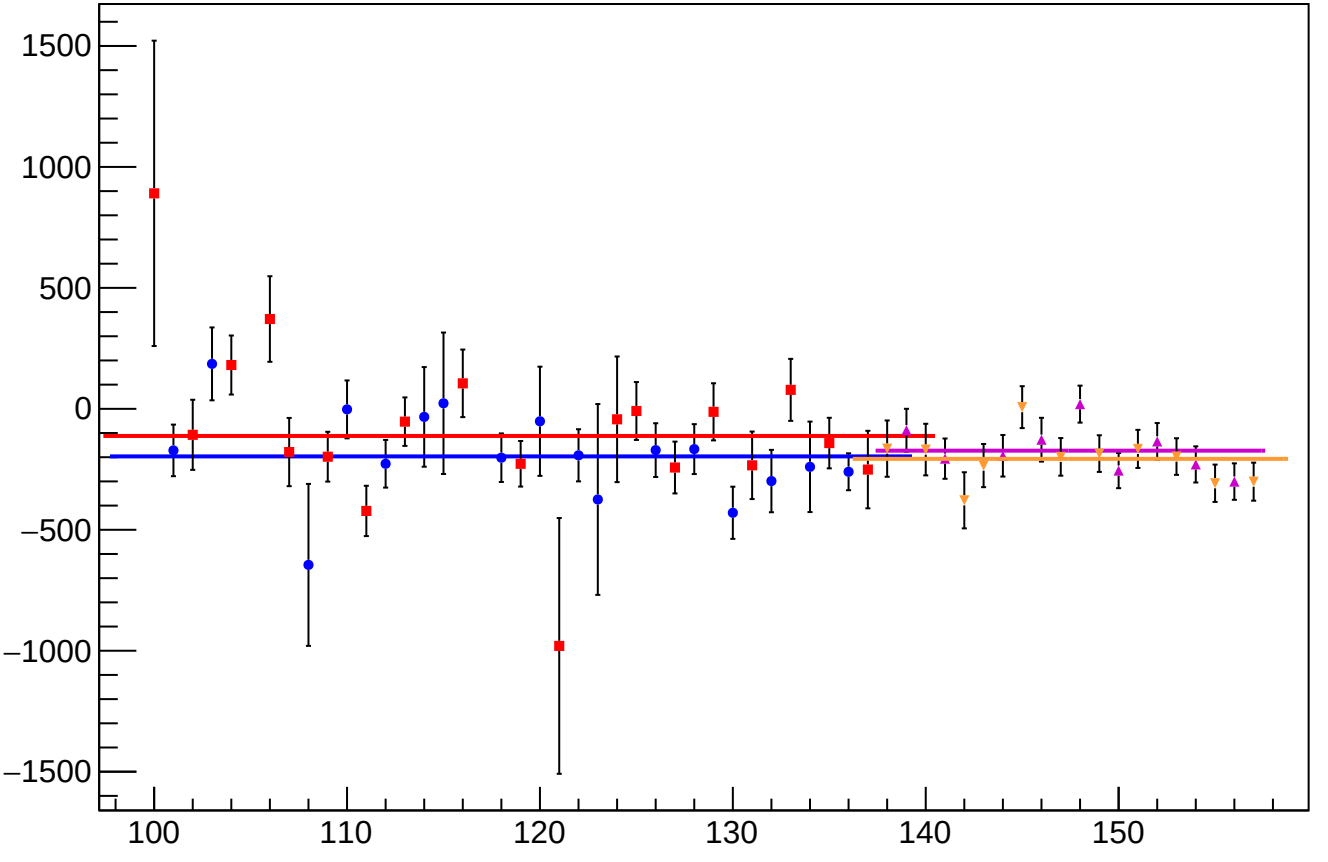
Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 346.320+/-0.068 χ^2/NDF:2513539.2/25

Out: 328.315+/-0.063 χ^2/NDF:3489559.0/29

All: 336.649+/-0.047 χ^2/NDF: 6040363.9/55

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -206.782+/-25.821 χ^2/NDF:12.2/10

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -172.924+/-26.555 χ^2/NDF:12.7/8

Left: -190.328+/-18.512 χ^2/NDF: 25.7/19

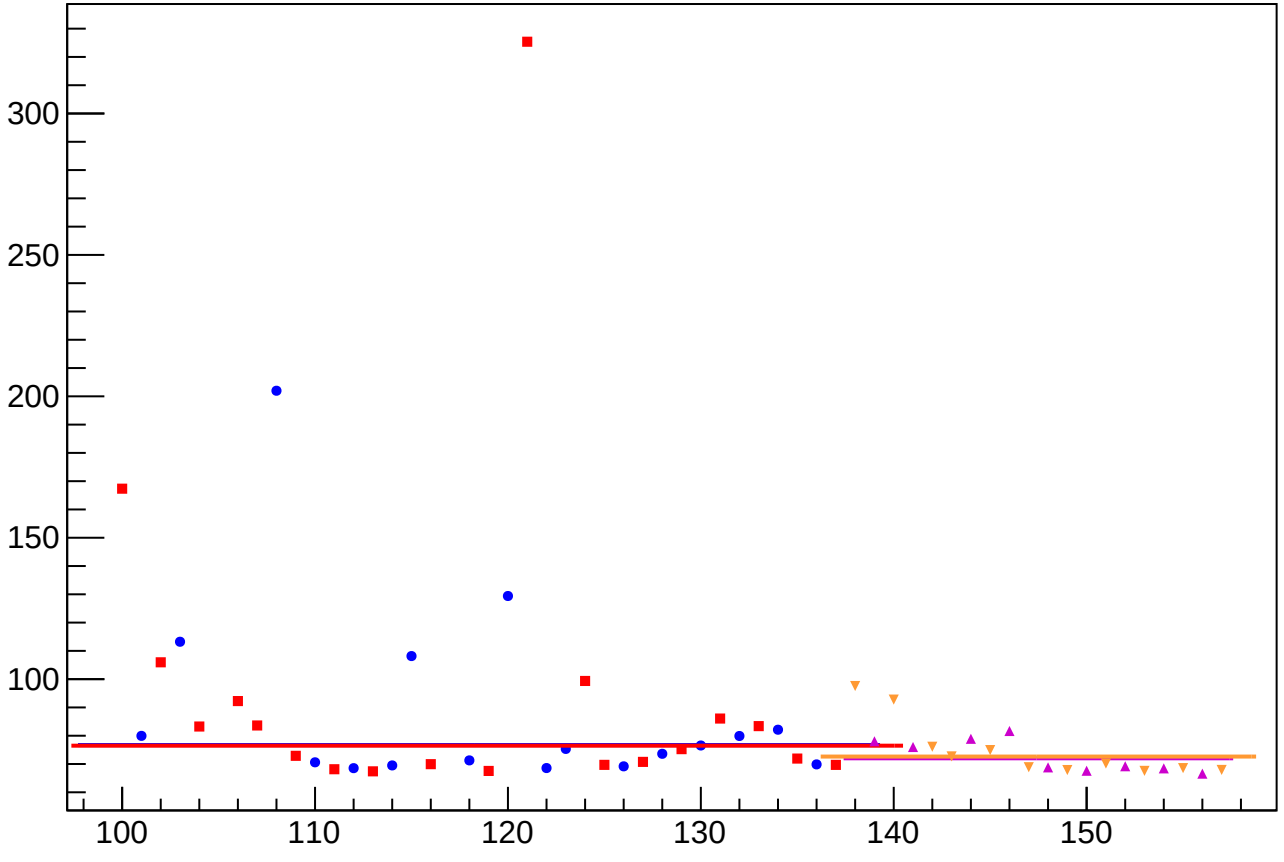
Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -183.171+/-19.999 χ^2/NDF:32.1/25

Out: -165.901+/-19.464 χ^2/NDF:57.3/29

All: -174.302+/-13.949 χ^2/NDF: 89.8/55

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 72.632+/-0.018 χ^2/NDF:202843.9/10

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 72.015+/-0.019 χ^2/NDF:77993.2/8

Left: 72.332+/-0.013 χ^2/NDF: 281392.1/19

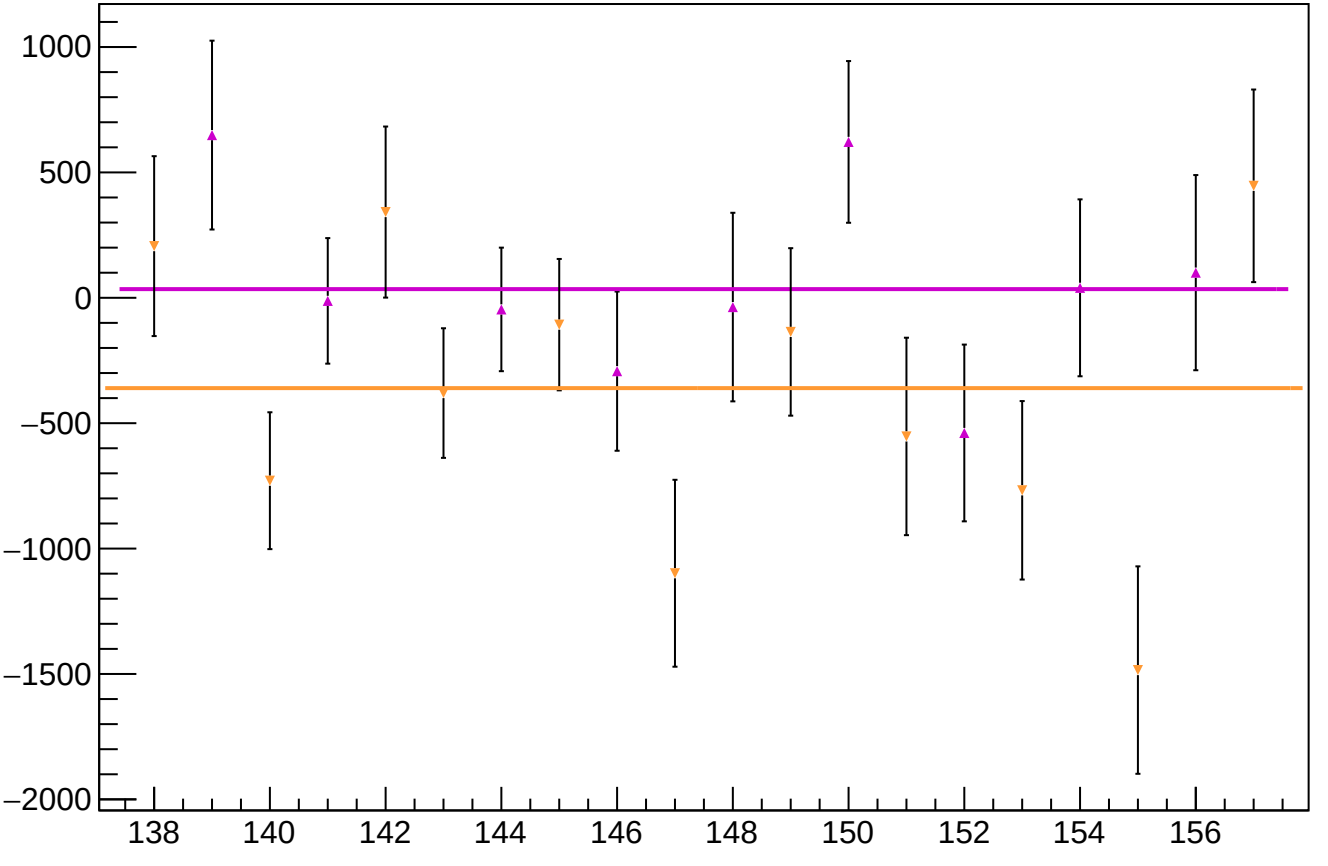
Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 74.039+/-0.014 χ^2/NDF:705192.8/25

Out: 74.293+/-0.014 χ^2/NDF:921371.7/29

All: 74.170+/-0.010 χ^2/NDF: 1626729.7/55

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -360.158+/-98.778 χ^2/NDF:27.2/10

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

Left In: 34.629+/-106.115 χ^2/NDF:9.9/8

Left: -176.885+/-72.301 χ^2/NDF: 44.5/19

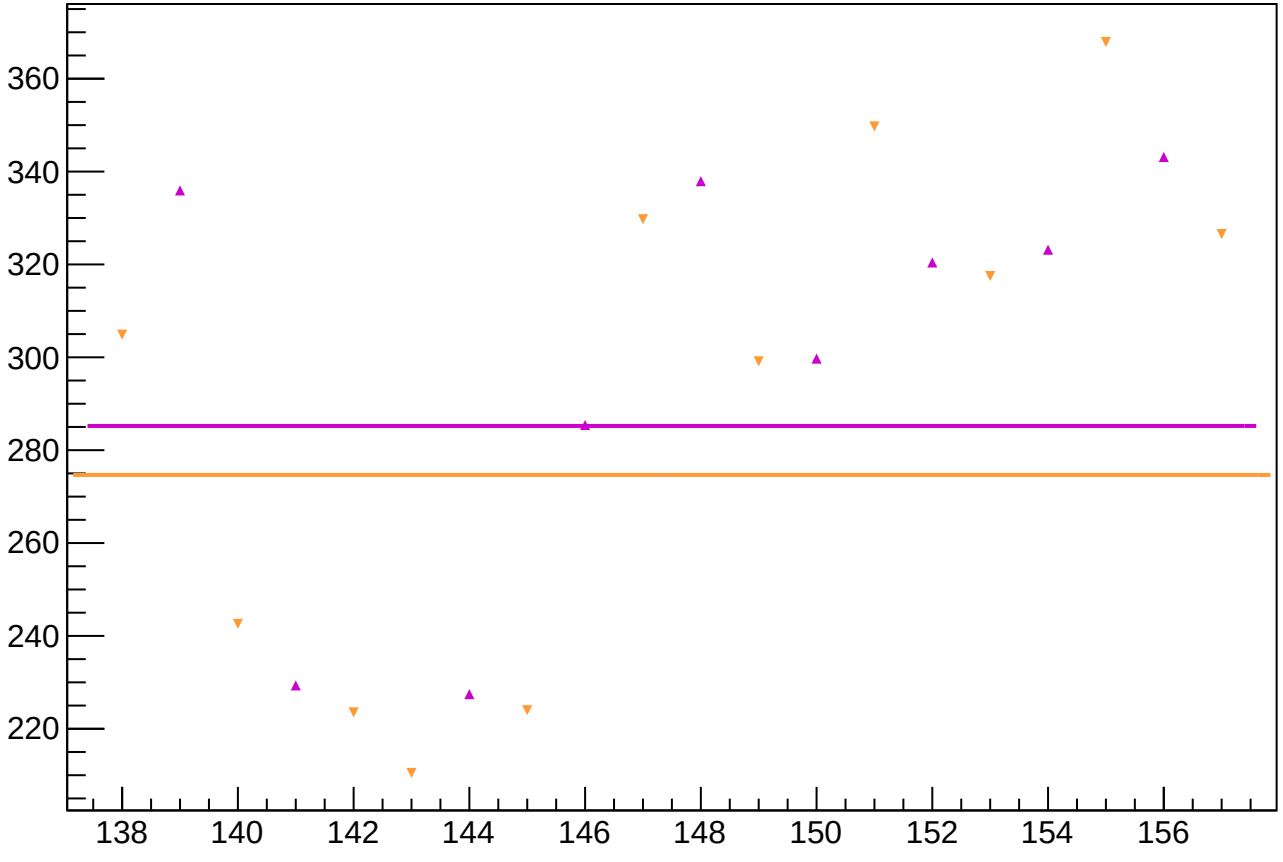
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 34.629+/-106.115 χ^2/NDF:9.9/8

Out: -360.158+/-98.778 χ^2/NDF:27.2/10

All: -176.885+/-72.301 χ^2/NDF: 44.5/19

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 274.673+/-0.070 χ^2/NDF:579166.4/10

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

Left In: 285.218+/-0.075 χ^2/NDF:376668.9/8

Left: 279.568+/-0.051 χ^2/NDF: 966417.6/19

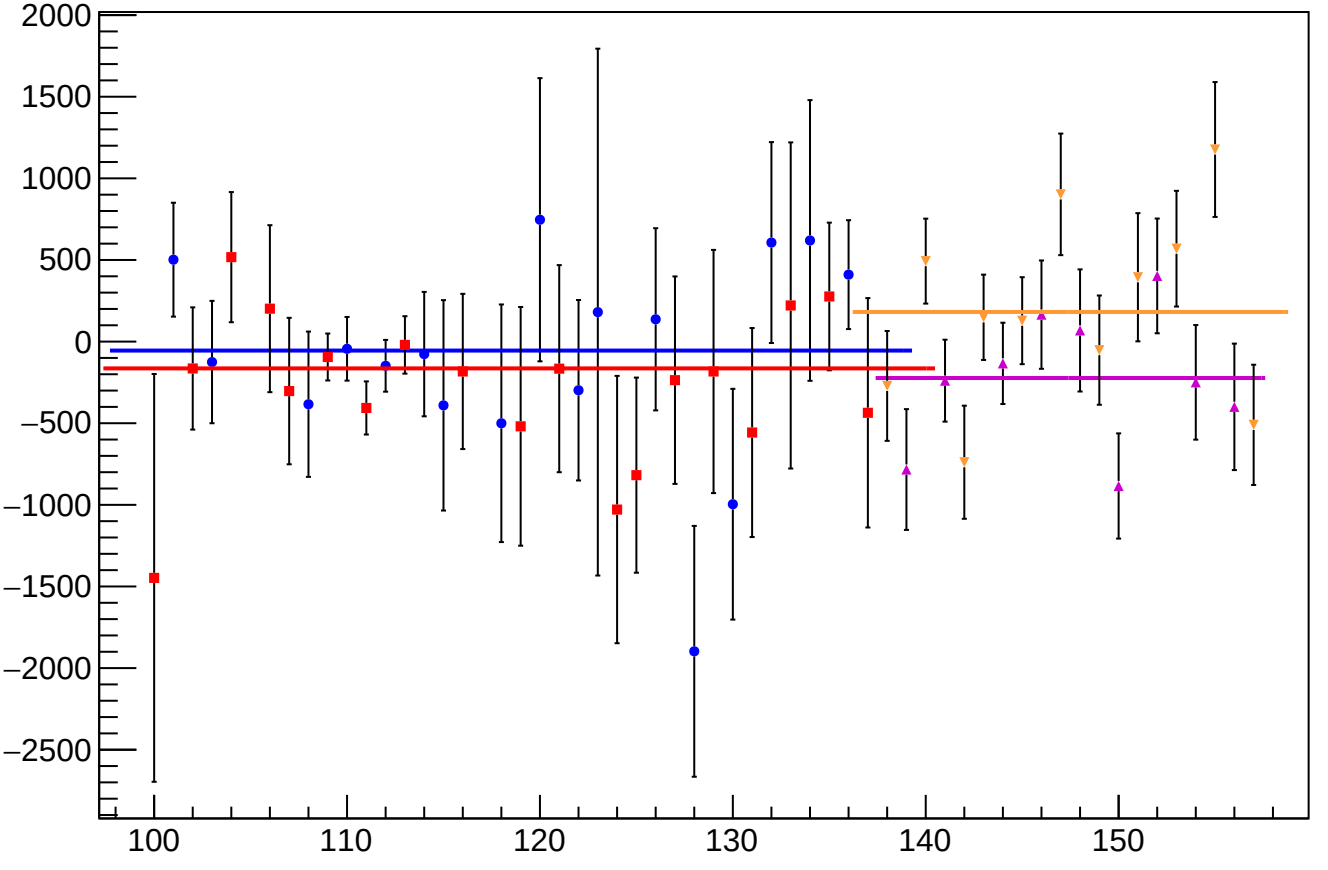
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 285.218+/-0.075 χ^2/NDF:376668.9/8

Out: 274.673+/-0.070 χ^2/NDF:579166.4/10

All: 279.568+/-0.051 χ^2/NDF: 966417.6/19

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 181.600+/-97.821 χ^2/NDF:25.4/10

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -223.065+/-106.582 χ^2/NDF:12.0/8

Left: -3.420+/-72.068 χ^2/NDF: 45.2/19

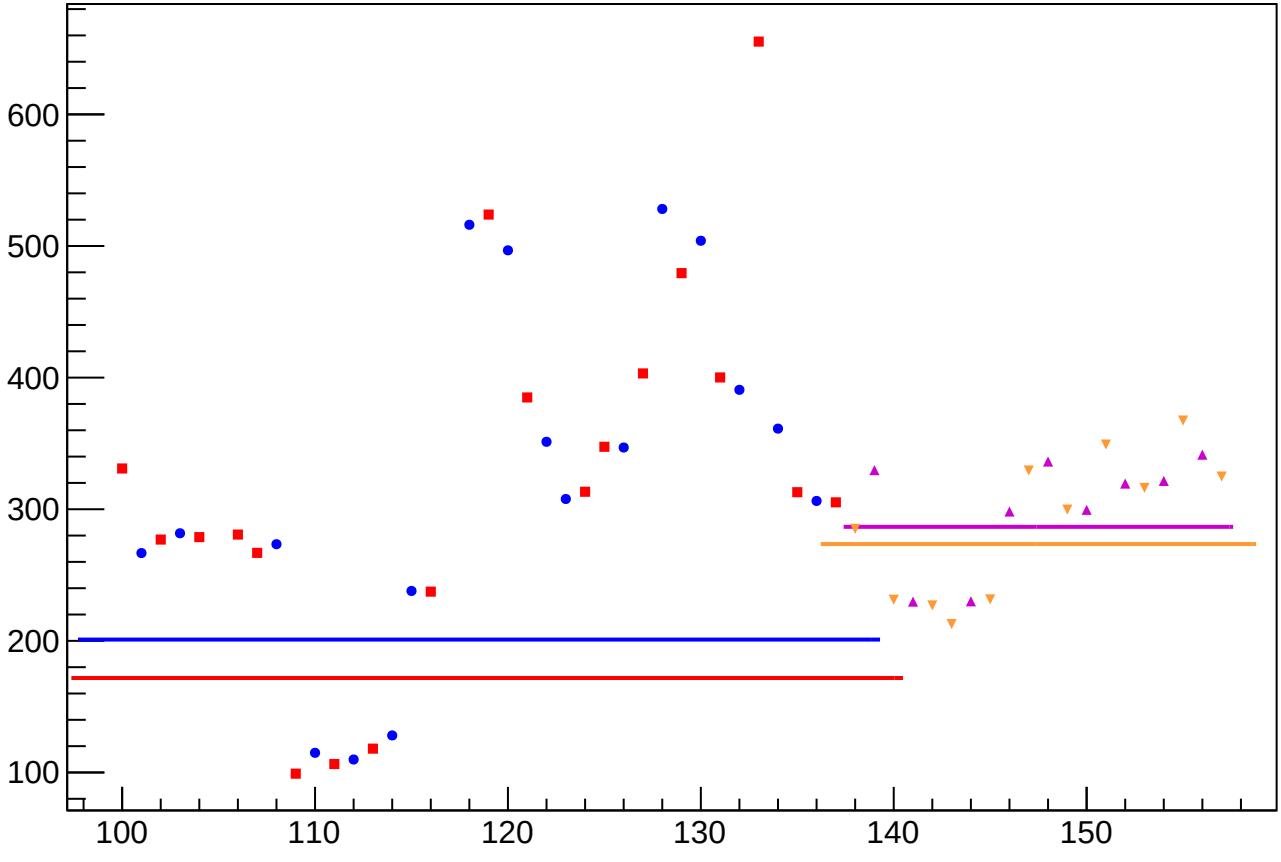
Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -125.239+/-68.921 χ^2/NDF:30.0/25

Out: -32.078+/-60.457 χ^2/NDF:45.0/29

All: -72.589+/-45.449 χ^2/NDF: 76.0/55

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 273.556+/-0.069 χ^2/NDF:551842.6/10

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 286.633+/-0.075 χ^2/NDF:351132.4/8

Left: 279.535+/-0.051 χ^2/NDF: 919315.9/19

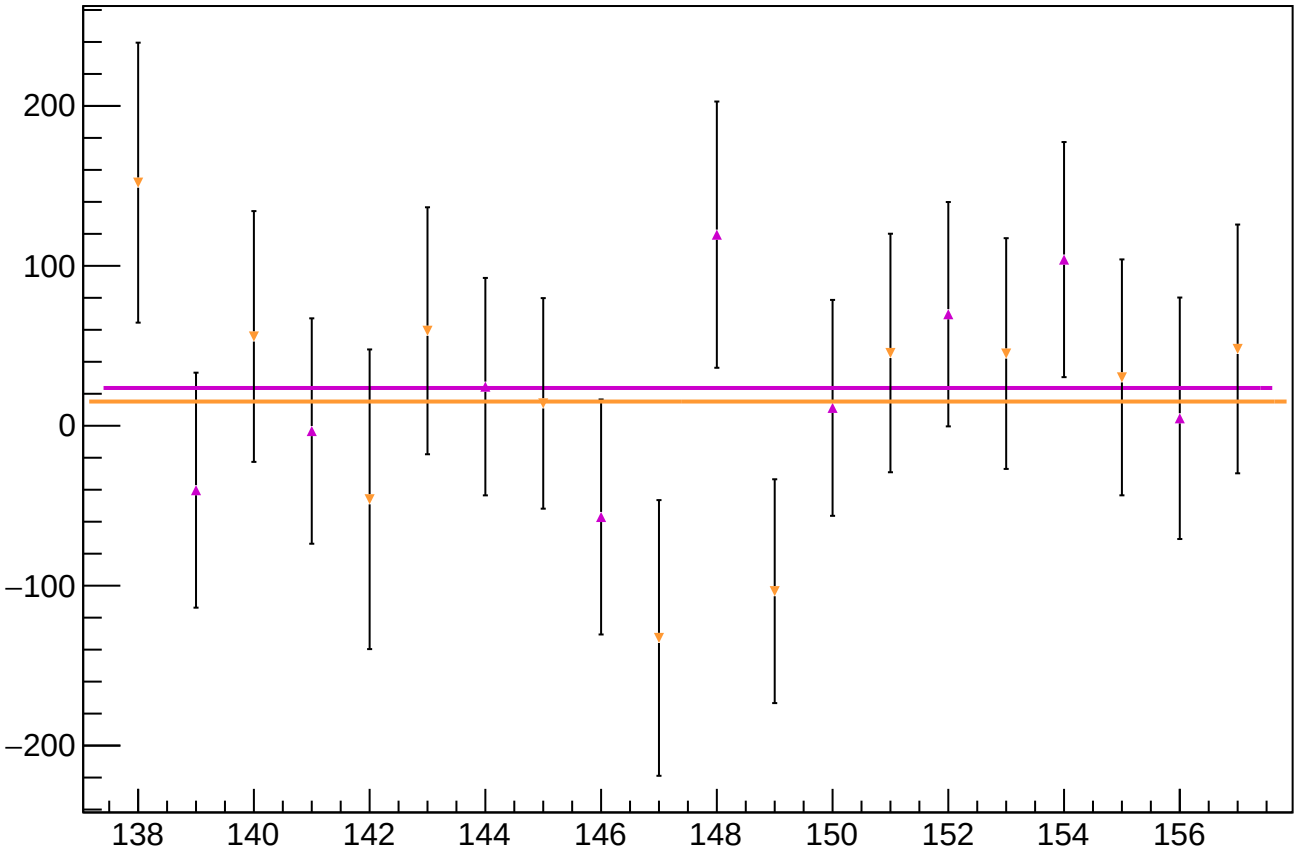
Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 236.791+/-0.049 χ^2/NDF:4538986.8/25

Out: 210.664+/-0.043 χ^2/NDF:5982150.6/29

All: 222.026+/-0.032 χ^2/NDF: 10683563.9/55

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 15.145+/-23.155 χ^2/NDF:9.8/10

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

Left In: 23.622+/-24.144 χ^2/NDF:5.2/8

Left: 19.206+/-16.712 χ^2/NDF: 15.1/19

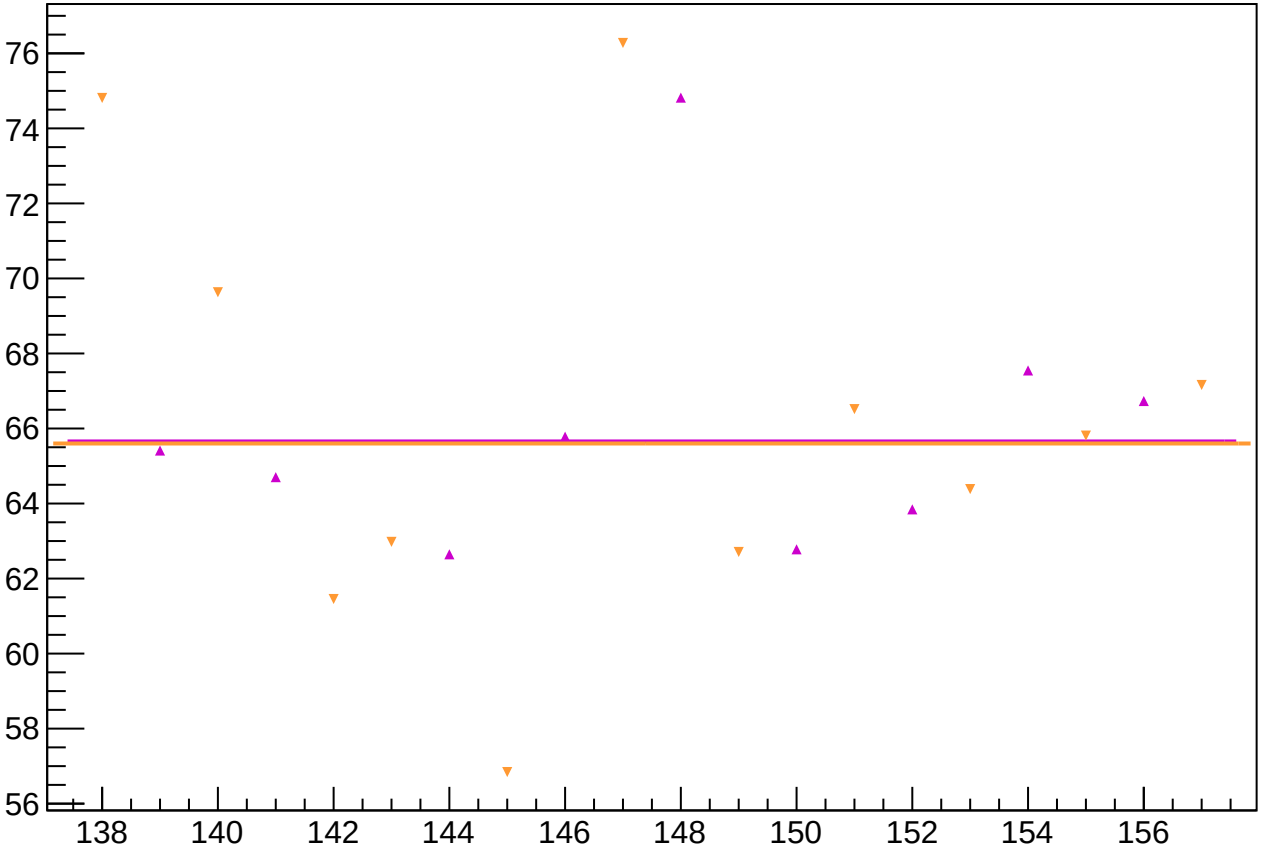
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 23.622+/-24.144 χ^2/NDF:5.2/8

Out: 15.145+/-23.155 χ^2/NDF:9.8/10

All: 19.206+/-16.712 χ^2/NDF: 15.1/19

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 65.600+/-0.016 χ^2/NDF:104823.3/10

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

Left In: 65.655+/-0.017 χ^2/NDF:35239.7/8

Left: 65.626+/-0.012 χ^2/NDF: 140068.3/19

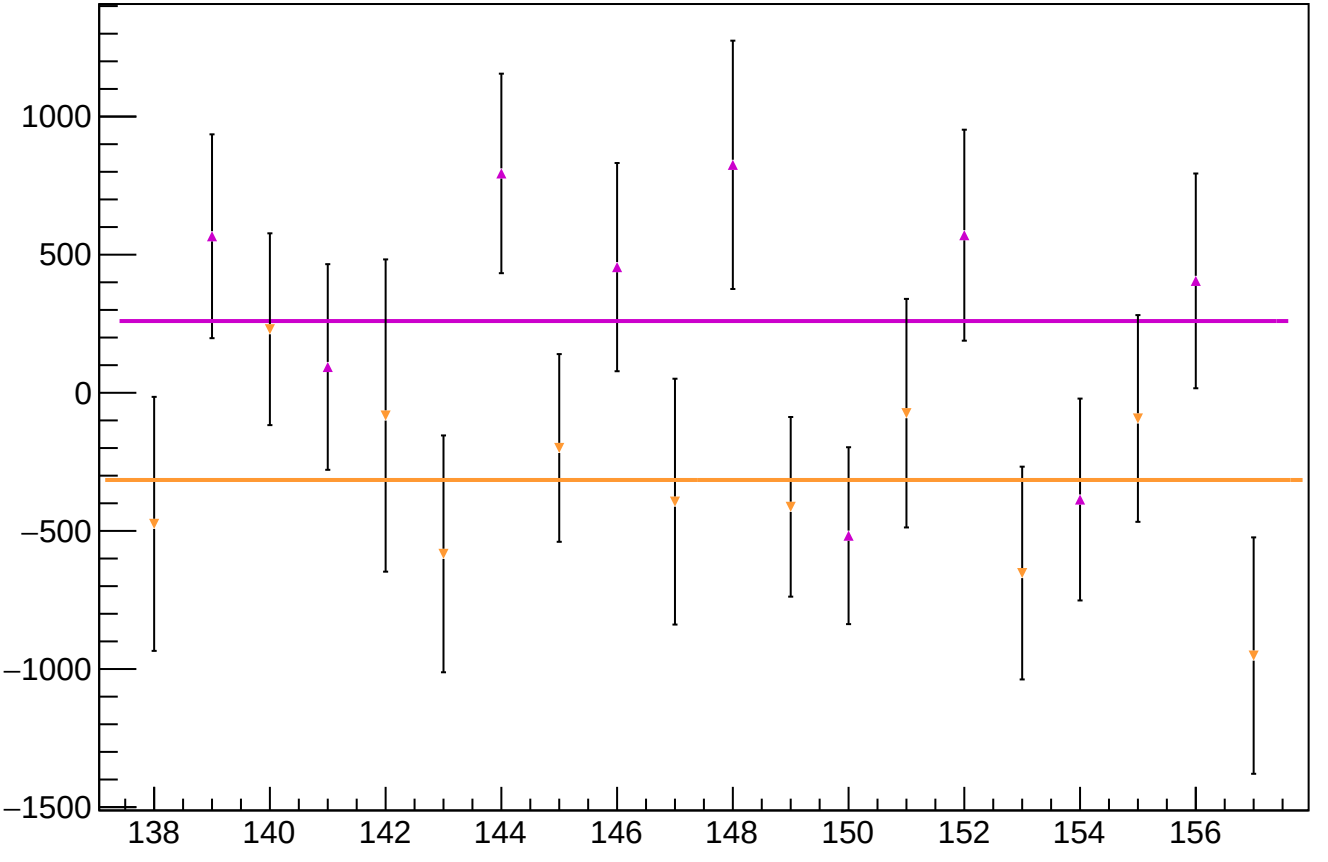
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.655+/-0.017 χ^2/NDF:35239.7/8

Out: 65.600+/-0.016 χ^2/NDF:104823.3/10

All: 65.626+/-0.012 χ^2/NDF: 140068.3/19

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -315.618+/-119.565 χ^2/NDF:7.1/10

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

Left In: 259.739+/-124.096 χ^2/NDF:14.8/8

Left: -38.634+/-86.103 χ^2/NDF: 33.0/19

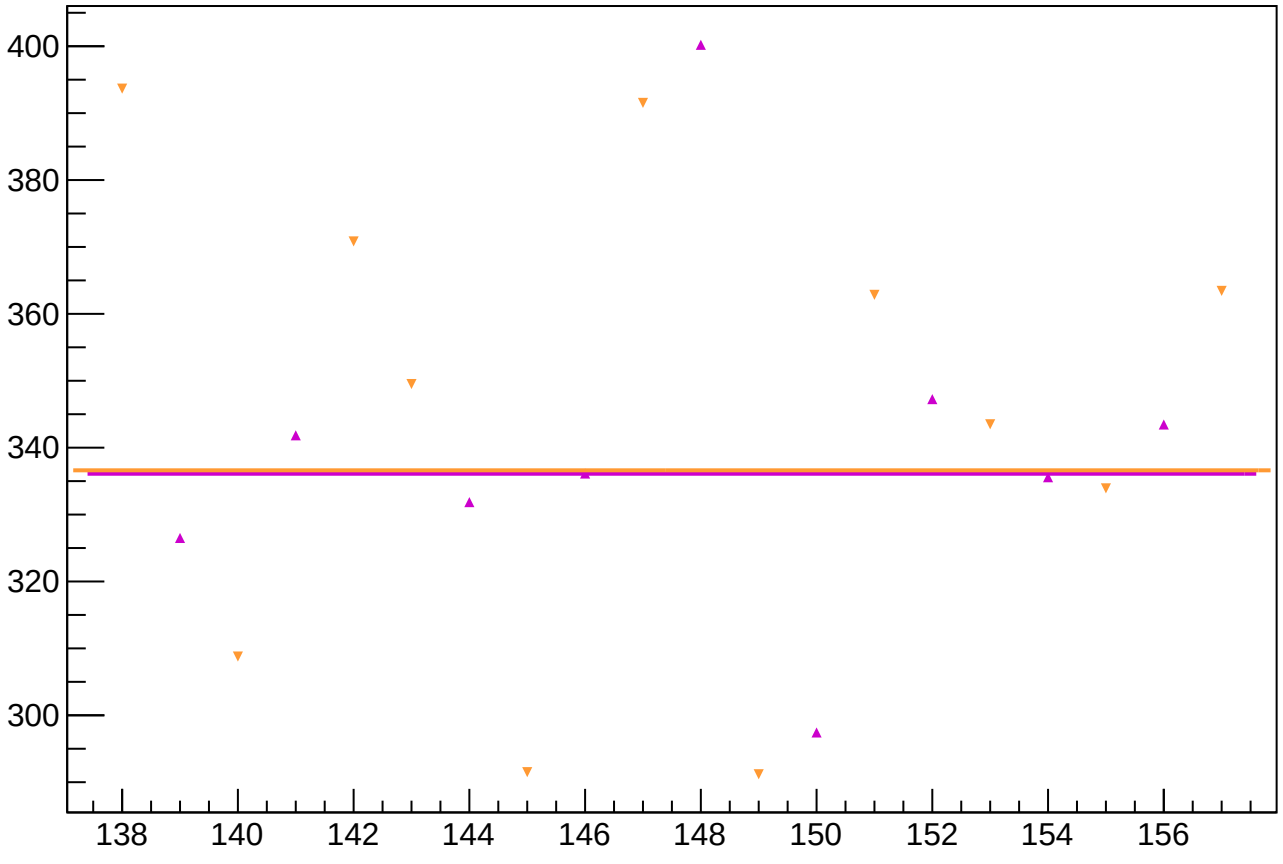
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 259.739+/-124.096 χ^2/NDF:14.8/8

Out: -315.618+/-119.565 χ^2/NDF:7.1/10

All: -38.634+/-86.103 χ^2/NDF: 33.0/19

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 336.615+/-0.085 χ^2/NDF:174160.1/10

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

Left In: 336.104+/-0.088 χ^2/NDF:74391.0/8

Left: 336.369+/-0.061 χ^2/NDF: 248568.6/19

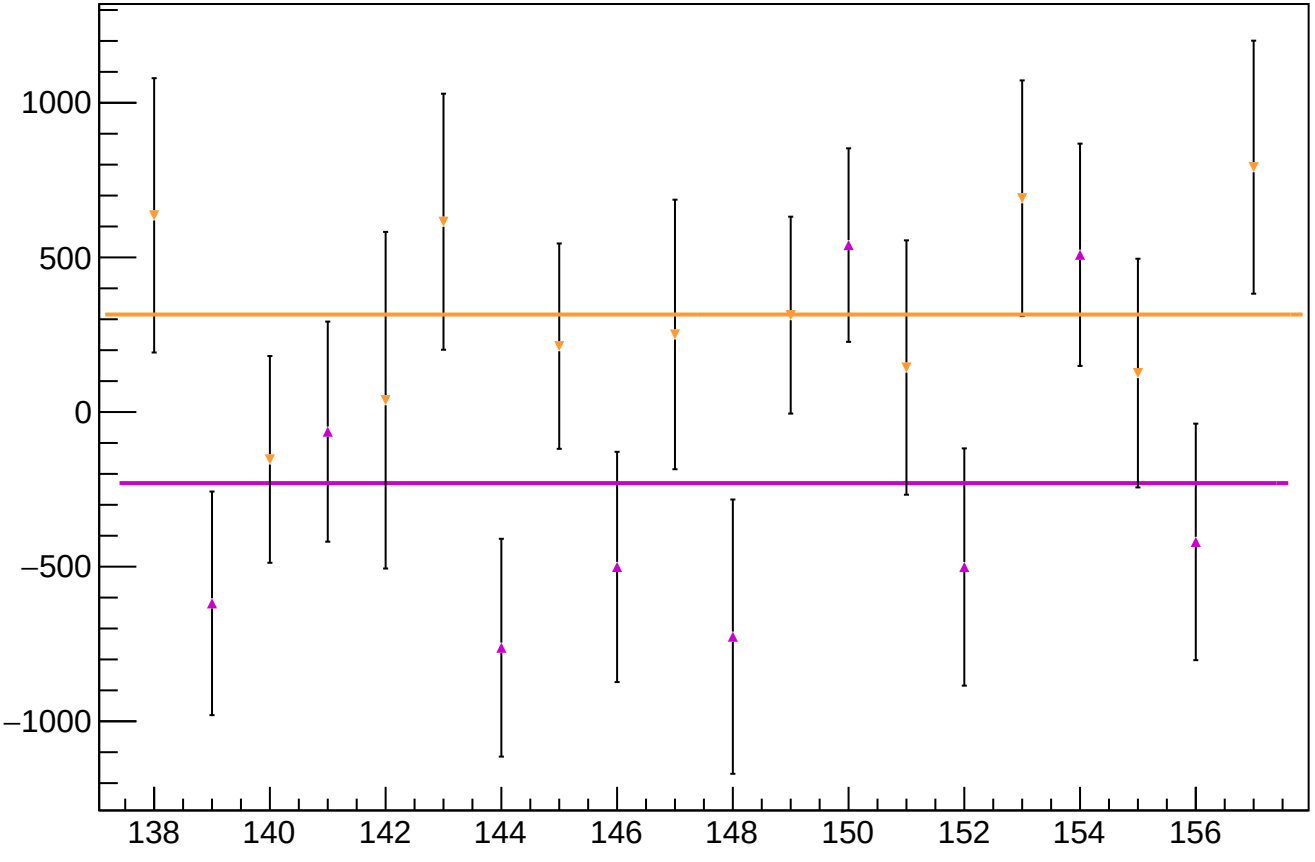
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 336.104+/-0.088 χ^2/NDF:74391.0/8

Out: 336.615+/-0.085 χ^2/NDF:174160.1/10

All: 336.369+/-0.061 χ^2/NDF: 248568.6/19

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 315.350+/-116.610 χ^2/NDF:6.2/10

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

Left In: -229.822+/-121.723 χ^2/NDF:16.5/8

Left: 54.456+/-84.205 χ^2/NDF: 33.1/19

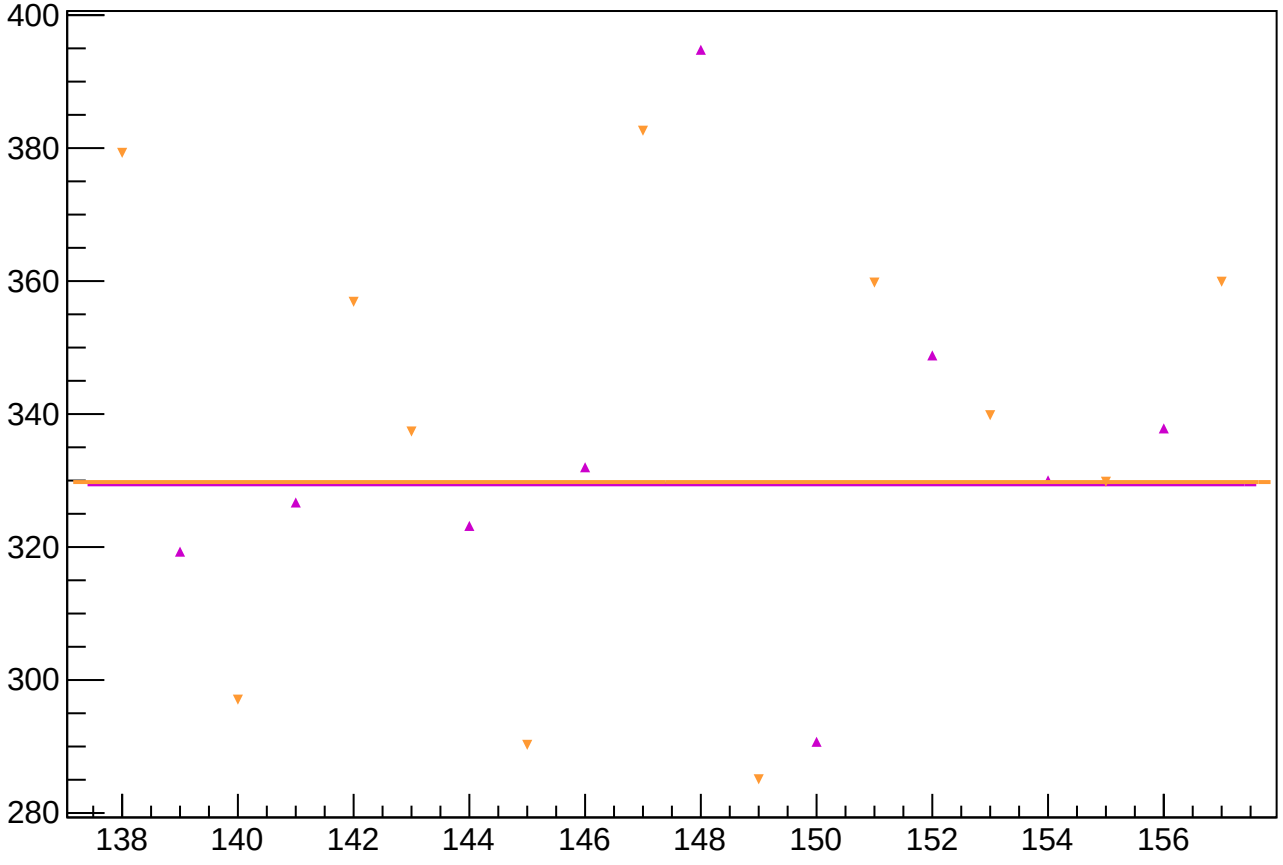
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -229.822+/-121.723 χ^2/NDF:16.5/8

Out: 315.350+/-116.610 χ^2/NDF:6.2/10

All: 54.456+/-84.205 χ^2/NDF: 33.1/19

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 329.774+/-0.082 χ^2/NDF:169794.5/10

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

Left In: 329.434+/-0.086 χ^2/NDF:82538.8/8

Left: 329.611+/-0.060 χ^2/NDF: 252341.5/19

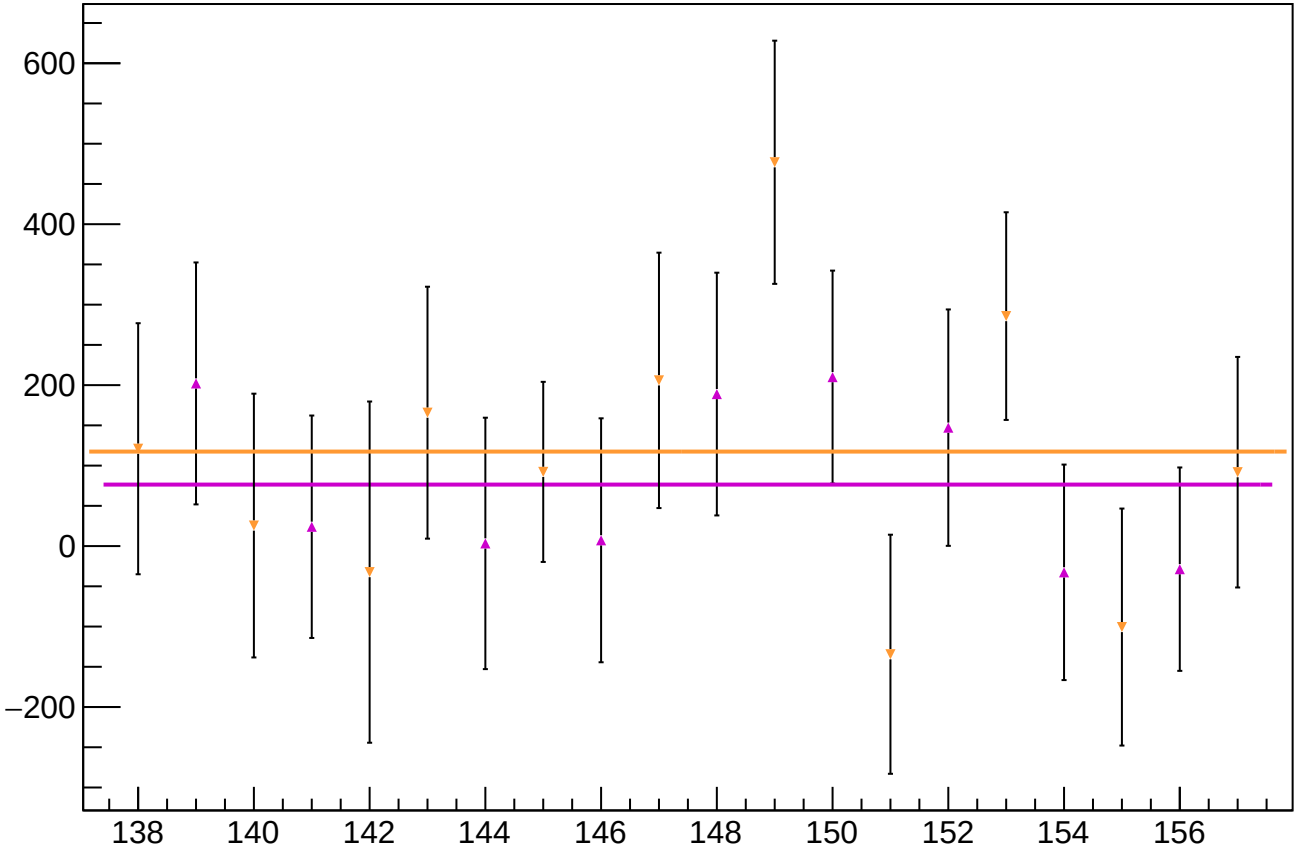
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 329.434+/-0.086 χ^2/NDF:82538.8/8

Out: 329.774+/-0.082 χ^2/NDF:169794.5/10

All: 329.611+/-0.060 χ^2/NDF: 252341.5/19

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 117.435+/-44.500 χ^2/NDF:13.7/10

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

Left In: 76.416+/-47.303 χ^2/NDF:4.4/8

Left: 98.176+/-32.412 χ^2/NDF: 18.6/19

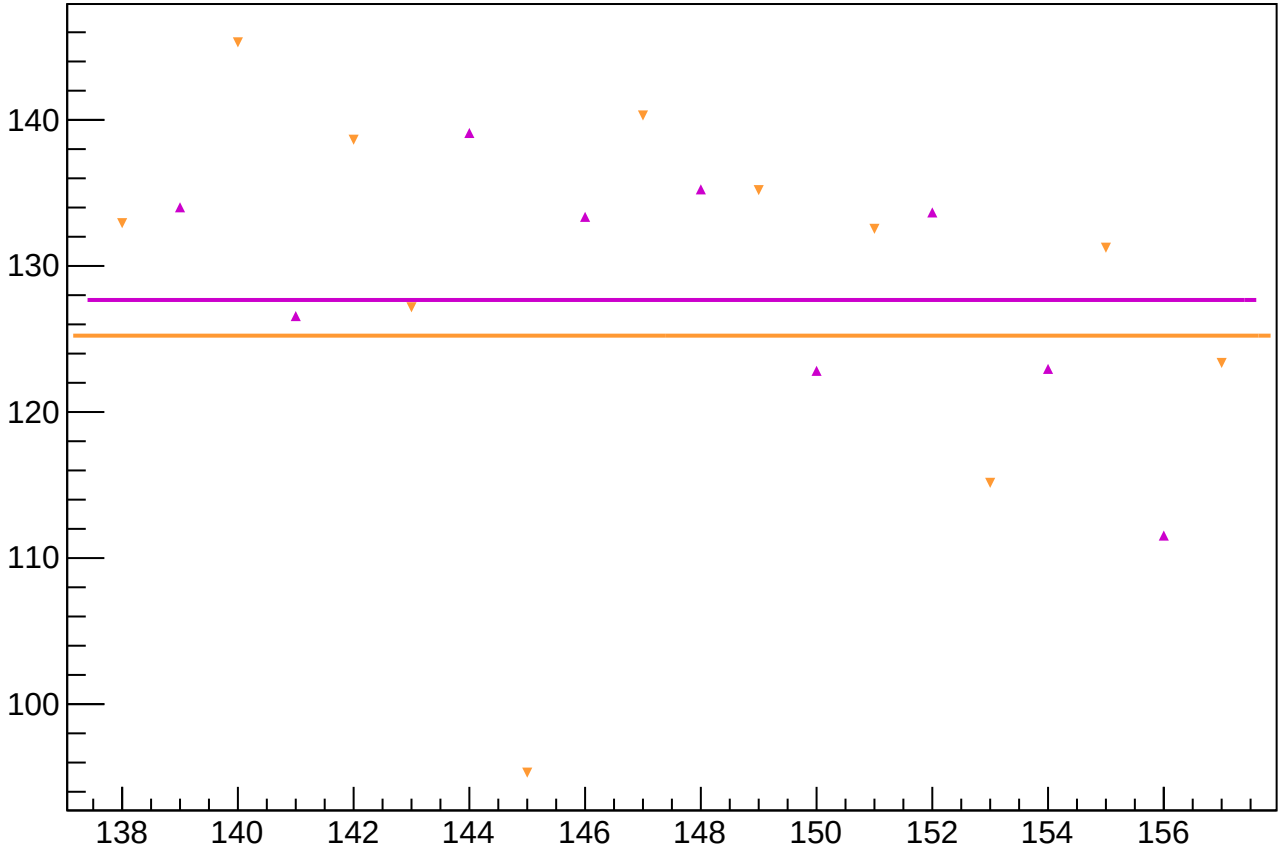
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 76.416+/-47.303 χ^2/NDF:4.4/8

Out: 117.435+/-44.500 χ^2/NDF:13.7/10

All: 98.176+/-32.412 χ^2/NDF: 18.6/19

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 125.229+/-0.031 χ^2/NDF:233652.2/10

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

Left In: 127.671+/-0.033 χ^2/NDF:63352.7/8

Left: 126.376+/-0.023 χ^2/NDF: 299834.6/19

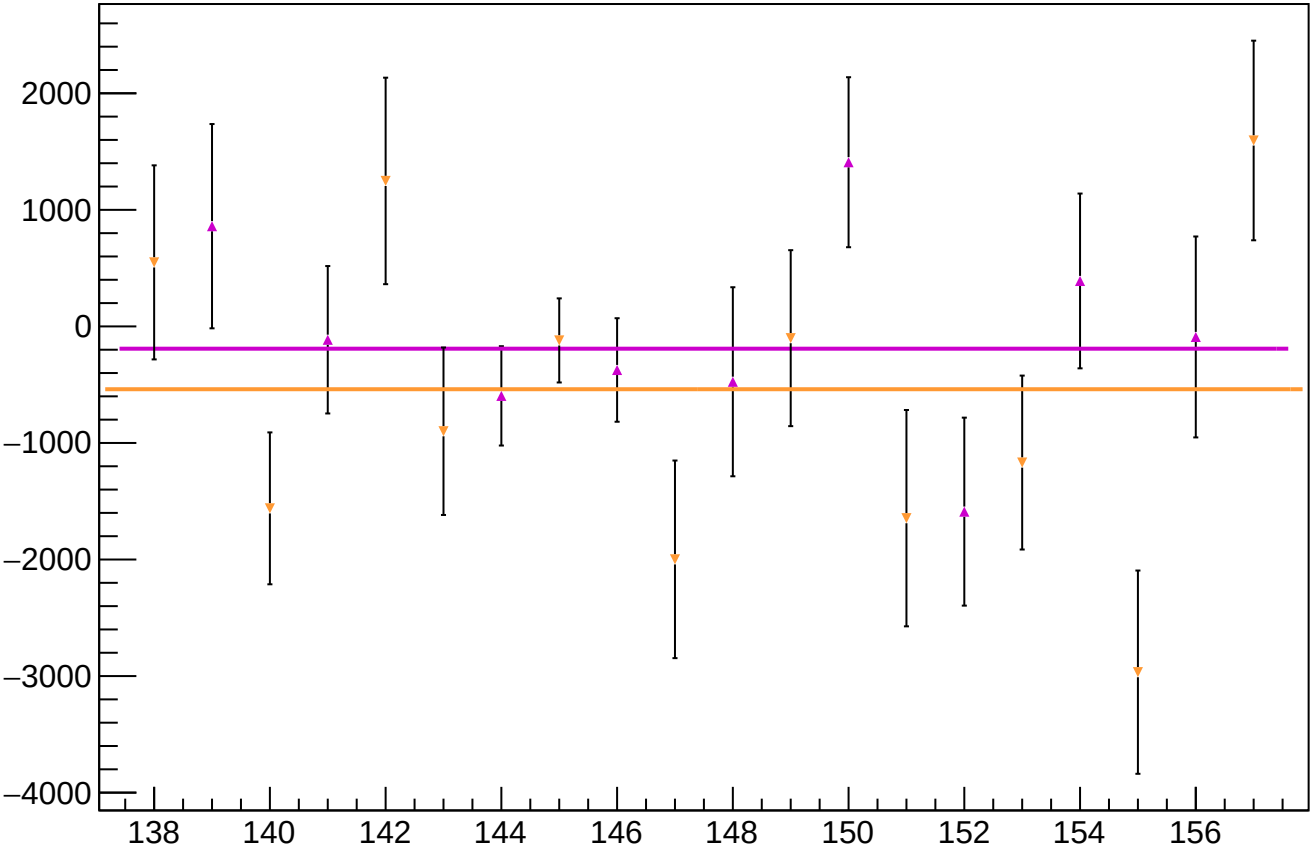
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 127.671+/-0.033 χ^2/NDF:63352.7/8

Out: 125.229+/-0.031 χ^2/NDF:233652.2/10

All: 126.376+/-0.023 χ^2/NDF: 299834.6/19

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -538.960+/-206.384 χ^2/NDF:29.2/10

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

Left In: -191.184+/-211.079 χ^2/NDF:11.1/8

Left: -368.983+/-147.568 χ^2/NDF: 41.7/19

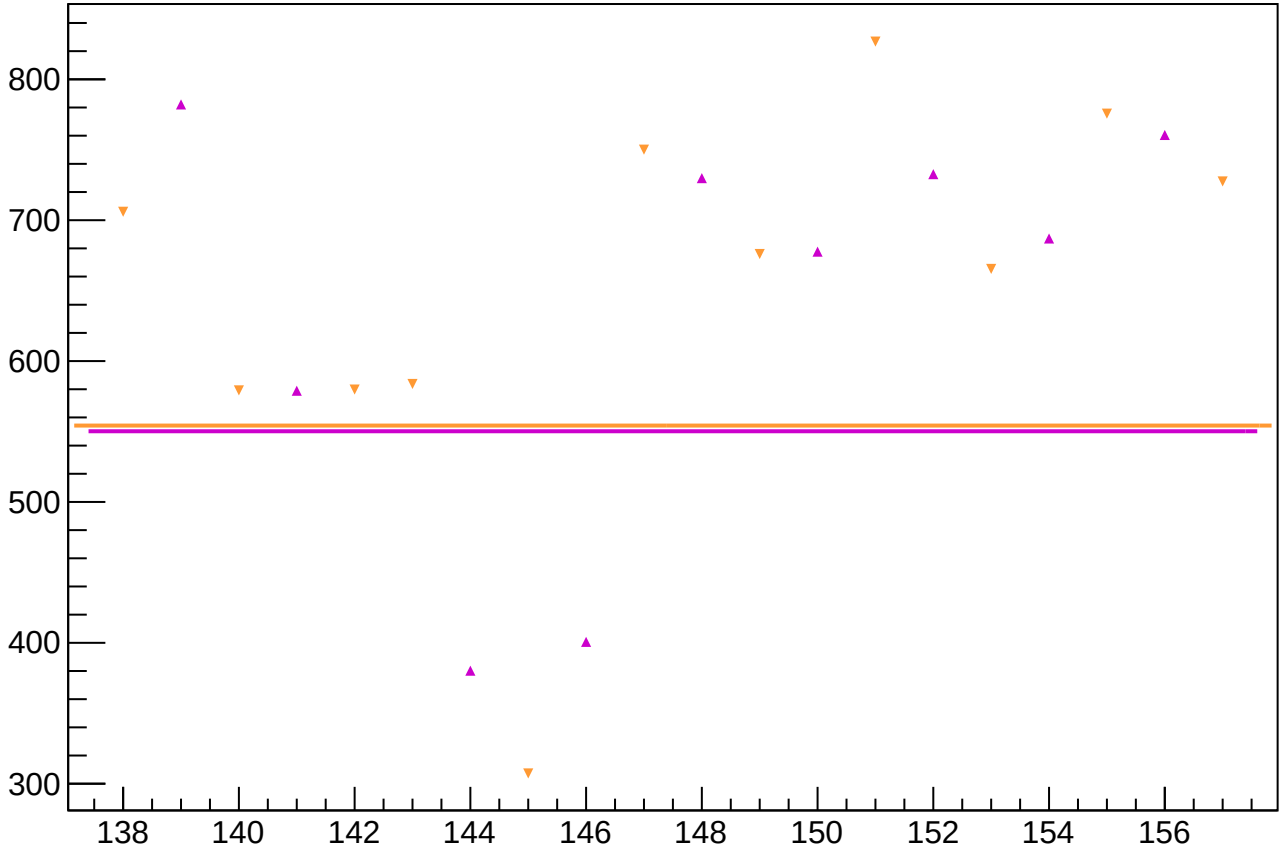
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -191.184+/-211.079 χ^2/NDF:11.1/8

Out: -538.960+/-206.384 χ^2/NDF:29.2/10

All: -368.983+/-147.568 χ^2/NDF: 41.7/19

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 554.225+/-0.146 χ^2/NDF:1598230.7/10

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

Left In: 550.183+/-0.149 χ^2/NDF:1136611.9/8

Left: 552.250+/-0.104 χ^2/NDF: 2735217.6/19

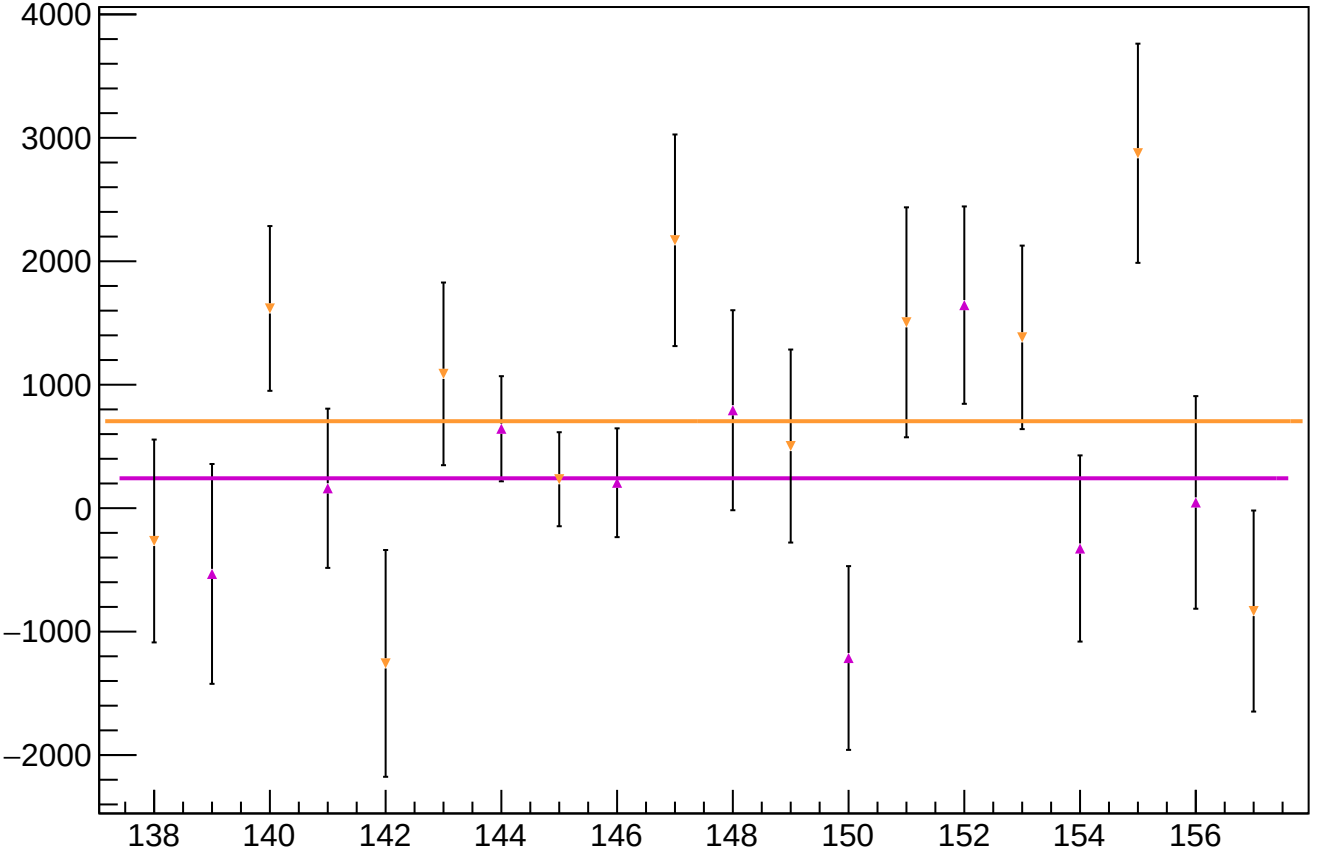
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 550.183+/-0.149 χ^2/NDF:1136611.9/8

Out: 554.225+/-0.146 χ^2/NDF:1598230.7/10

All: 552.250+/-0.104 χ^2/NDF: 2735217.6/19

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 704.494+/-211.426 χ^2/NDF:23.7/10

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

Left In: 242.054+/-211.616 χ^2/NDF:9.7/8

Left: 473.482+/-149.568 χ^2/NDF: 35.8/19

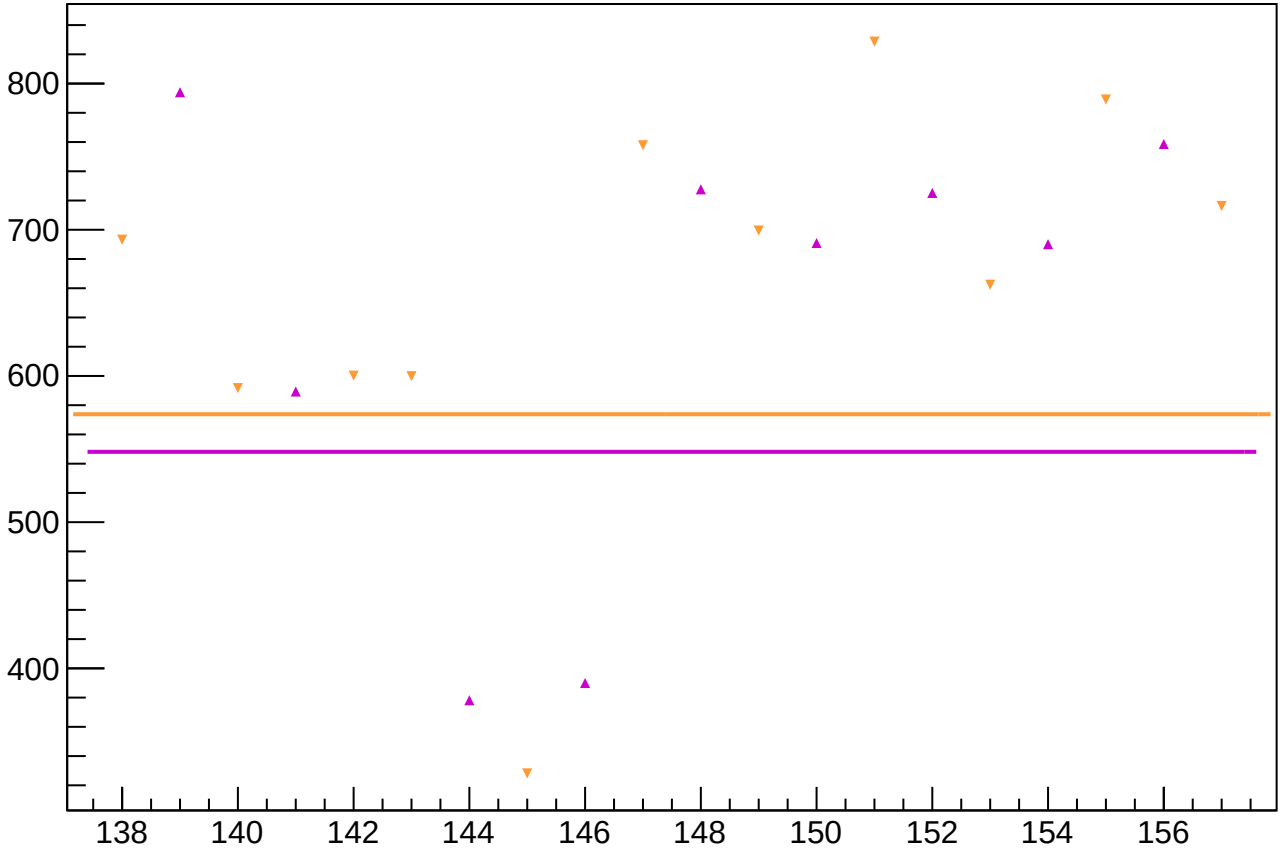
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 242.054+/-211.616 χ^2/NDF:9.7/8

Out: 704.494+/-211.426 χ^2/NDF:23.7/10

All: 473.482+/-149.568 χ^2/NDF: 35.8/19

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 573.806+/-0.150 χ^2/NDF:1380929.0/10

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

Left In: 548.110+/-0.150 χ^2/NDF:1197261.1/8

Left: 560.970+/-0.106 χ^2/NDF: 2592948.2/19

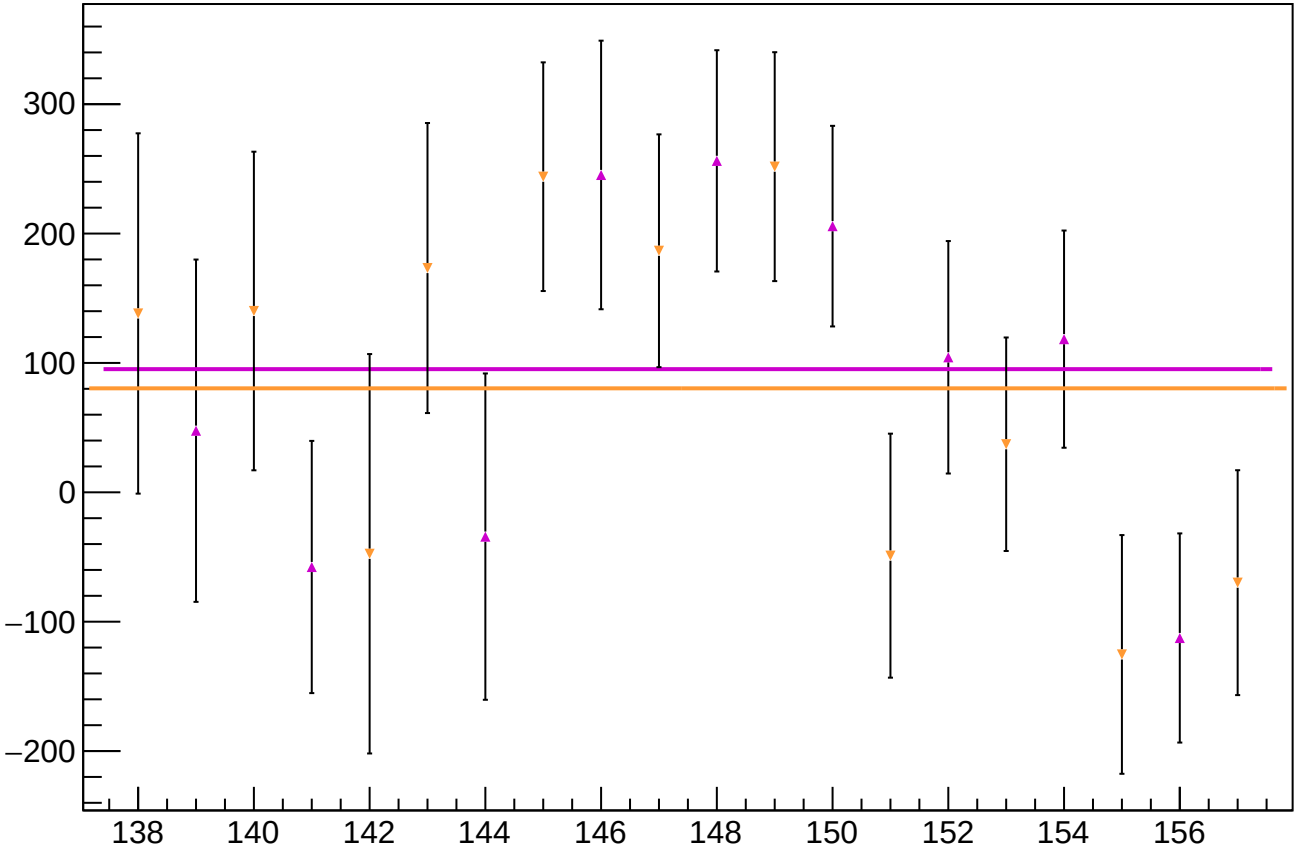
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 548.110+/-0.150 χ^2/NDF:1197261.1/8

Out: 573.806+/-0.150 χ^2/NDF:1380929.0/10

All: 560.970+/-0.106 χ^2/NDF: 2592948.2/19

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 80.363+/-29.779 χ^2/NDF:20.5/10

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

Left In: 95.203+/-31.008 χ^2/NDF:18.0/8

Left: 87.483+/-21.478 χ^2/NDF: 38.6/19

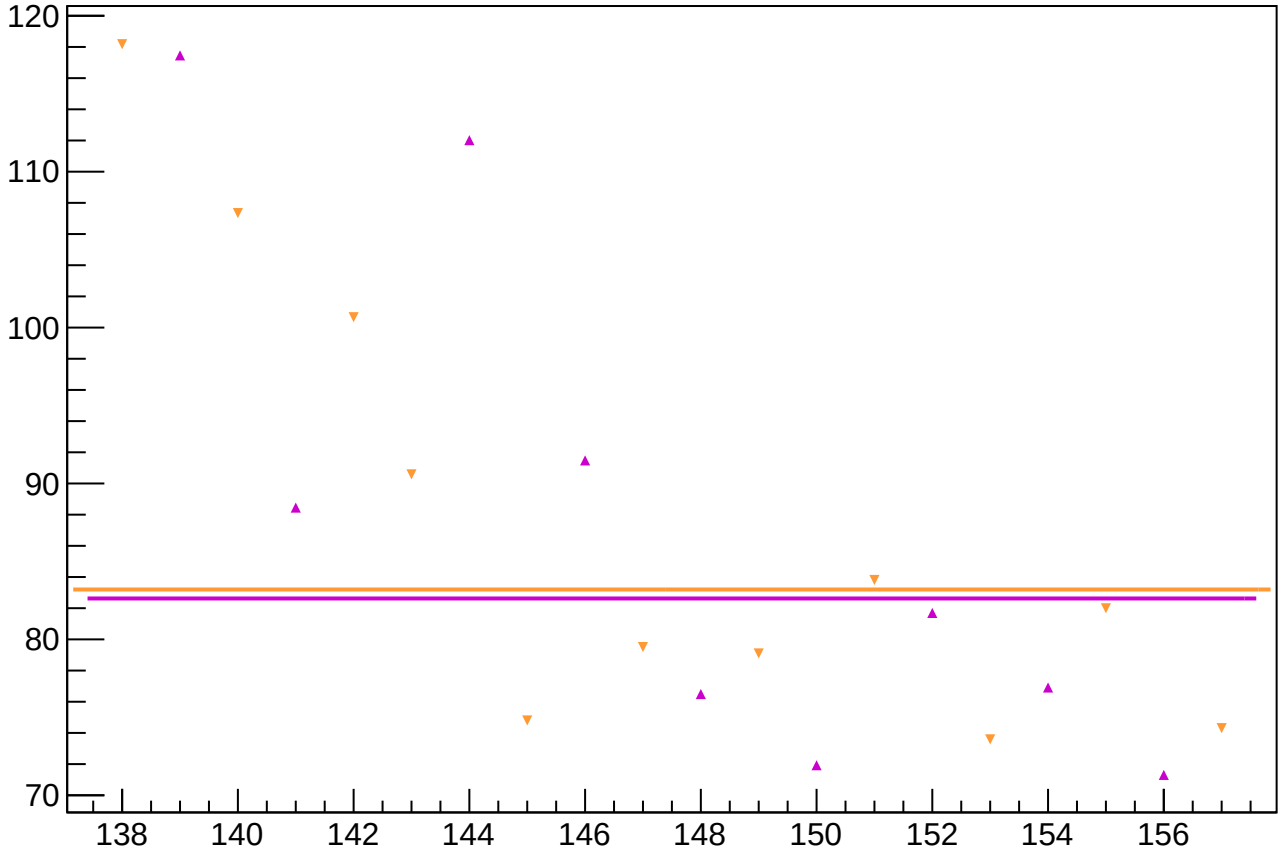
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 95.203+/-31.008 χ^2/NDF:18.0/8

Out: 80.363+/-29.779 χ^2/NDF:20.5/10

All: 87.483+/-21.478 χ^2/NDF: 38.6/19

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 83.199+/-0.021 χ^2/NDF:311613.5/10

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

Left In: 82.624+/-0.022 χ^2/NDF:366091.8/8

Left: 82.923+/-0.015 χ^2/NDF: 678063.6/19

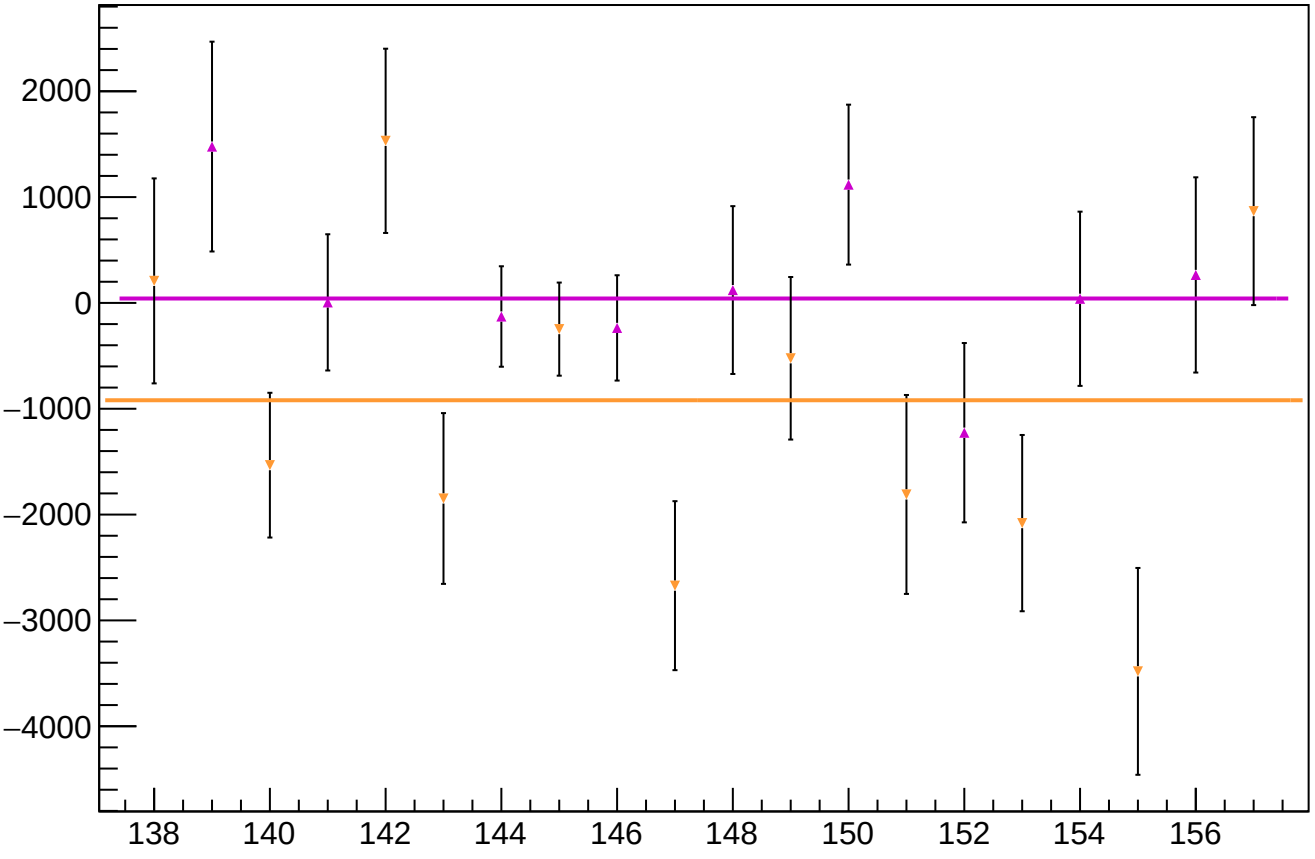
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 82.624+/-0.022 χ^2/NDF:366091.8/8

Out: 83.199+/-0.021 χ^2/NDF:311613.5/10

All: 82.923+/-0.015 χ^2/NDF: 678063.6/19

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -919.698+/-227.157 χ^2/NDF:32.6/10

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

Left In: 41.700+/-227.669 χ^2/NDF:6.9/8

Left: -440.080+/-160.805 χ^2/NDF: 48.4/19

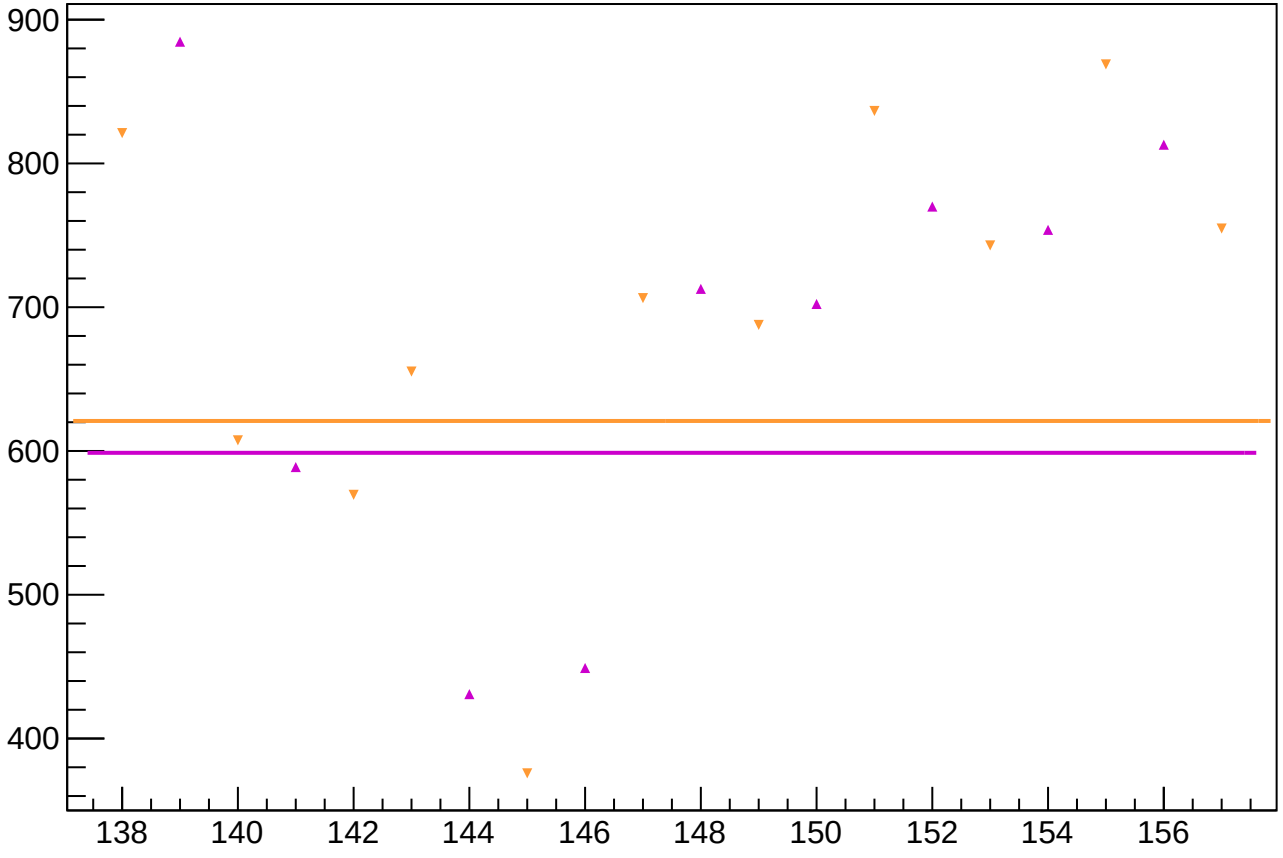
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.700+/-227.669 χ^2/NDF:6.9/8

Out: -919.698+/-227.157 χ^2/NDF:32.6/10

All: -440.080+/-160.805 χ^2/NDF: 48.4/19

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 620.880+/-0.161 χ^2/NDF:1078187.9/10

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

Left In: 598.723+/-0.161 χ^2/NDF:937449.0/8

Left: 609.826+/-0.114 χ^2/NDF: 2025129.6/19

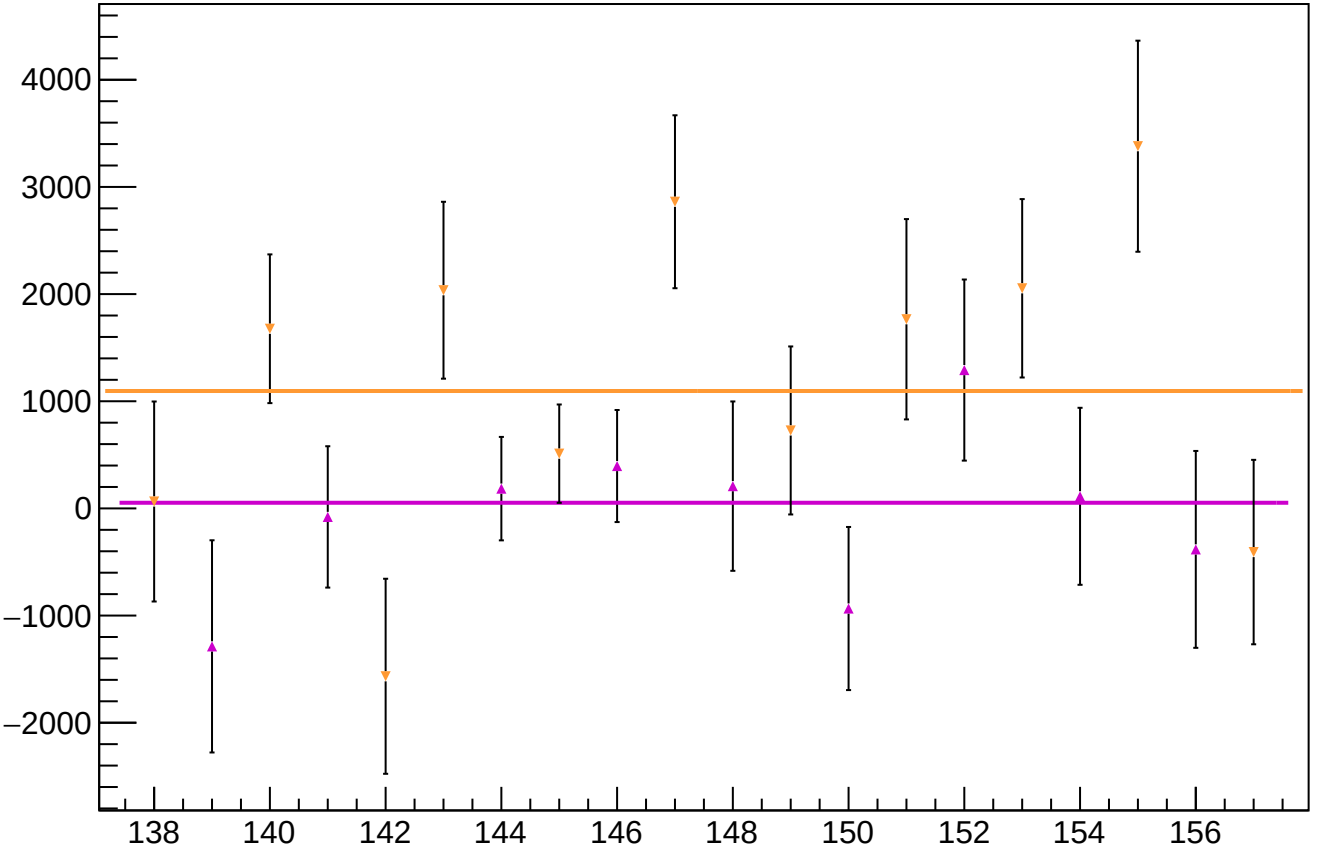
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 598.723+/-0.161 χ^2/NDF:937449.0/8

Out: 620.880+/-0.161 χ^2/NDF:1078187.9/10

All: 609.826+/-0.114 χ^2/NDF: 2025129.6/19

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 1095.595+/-230.749 χ^2/NDF:28.7/10

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

Left In: 52.685+/-231.572 χ^2/NDF:6.5/8

Left: 575.997+/-163.455 χ^2/NDF: 45.3/19

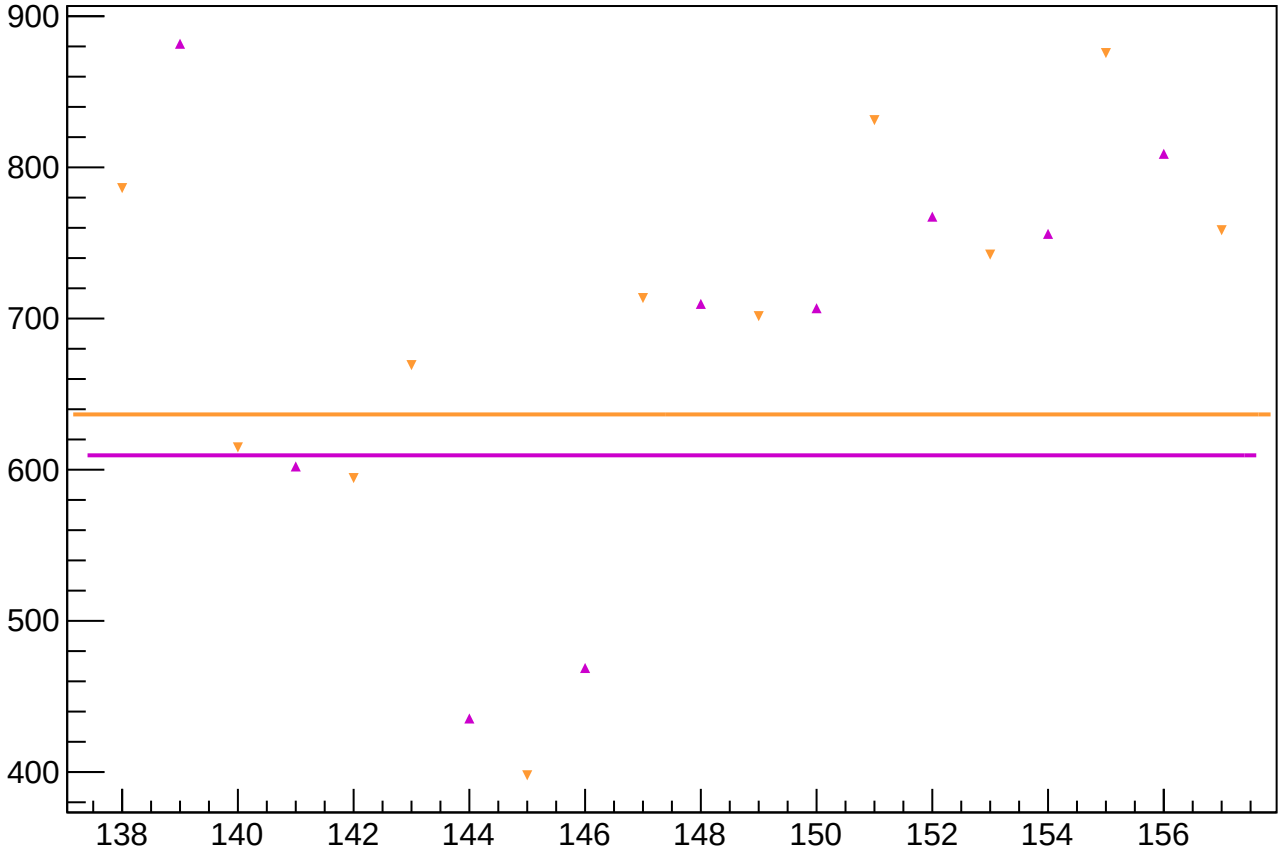
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 52.685+/-231.572 χ^2/NDF:6.5/8

Out: 1095.595+/-230.749 χ^2/NDF:28.7/10

All: 575.997+/-163.455 χ^2/NDF: 45.3/19

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 636.572+/-0.163 χ^2/NDF:911068.5/10

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

Left In: 609.511+/-0.164 χ^2/NDF:848310.4/8

Left: 623.090+/-0.116 χ^2/NDF: 1773083.6/19

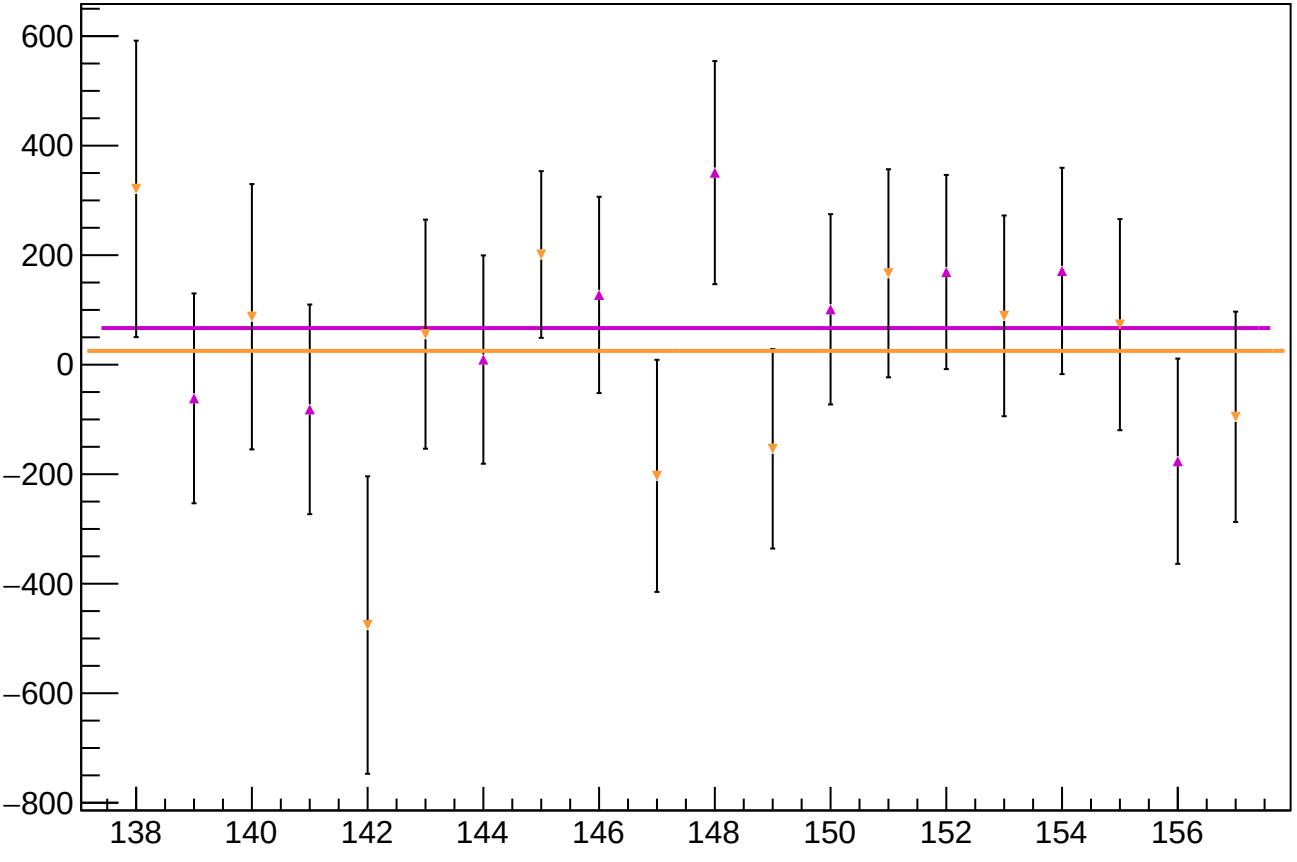
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 609.511+/-0.164 χ^2/NDF:848310.4/8

Out: 636.572+/-0.163 χ^2/NDF:911068.5/10

All: 623.090+/-0.116 χ^2/NDF: 1773083.6/19

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 25.155+/-60.397 χ^2/NDF:9.3/10

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

Left In: 66.846+/-62.141 χ^2/NDF:5.6/8

Left: 45.407+/-43.310 χ^2/NDF: 15.1/19

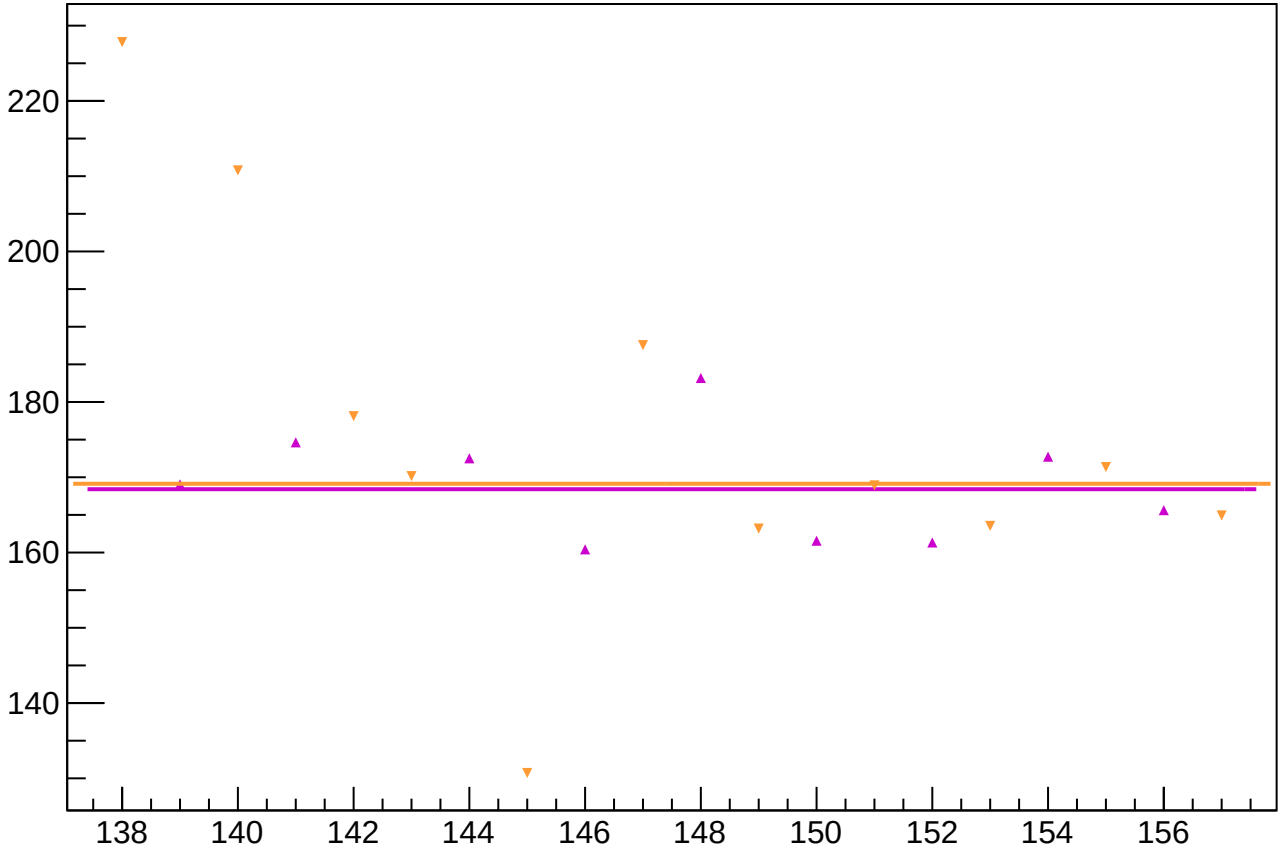
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 66.846+/-62.141 χ^2/NDF:5.6/8

Out: 25.155+/-60.397 χ^2/NDF:9.3/10

All: 45.407+/-43.310 χ^2/NDF: 15.1/19

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 169.137+/-0.043 χ^2/NDF:303061.5/10

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

Left In: 168.411+/-0.044 χ^2/NDF:25351.8/8

Left: 168.784+/-0.031 χ^2/NDF: 328553.6/19

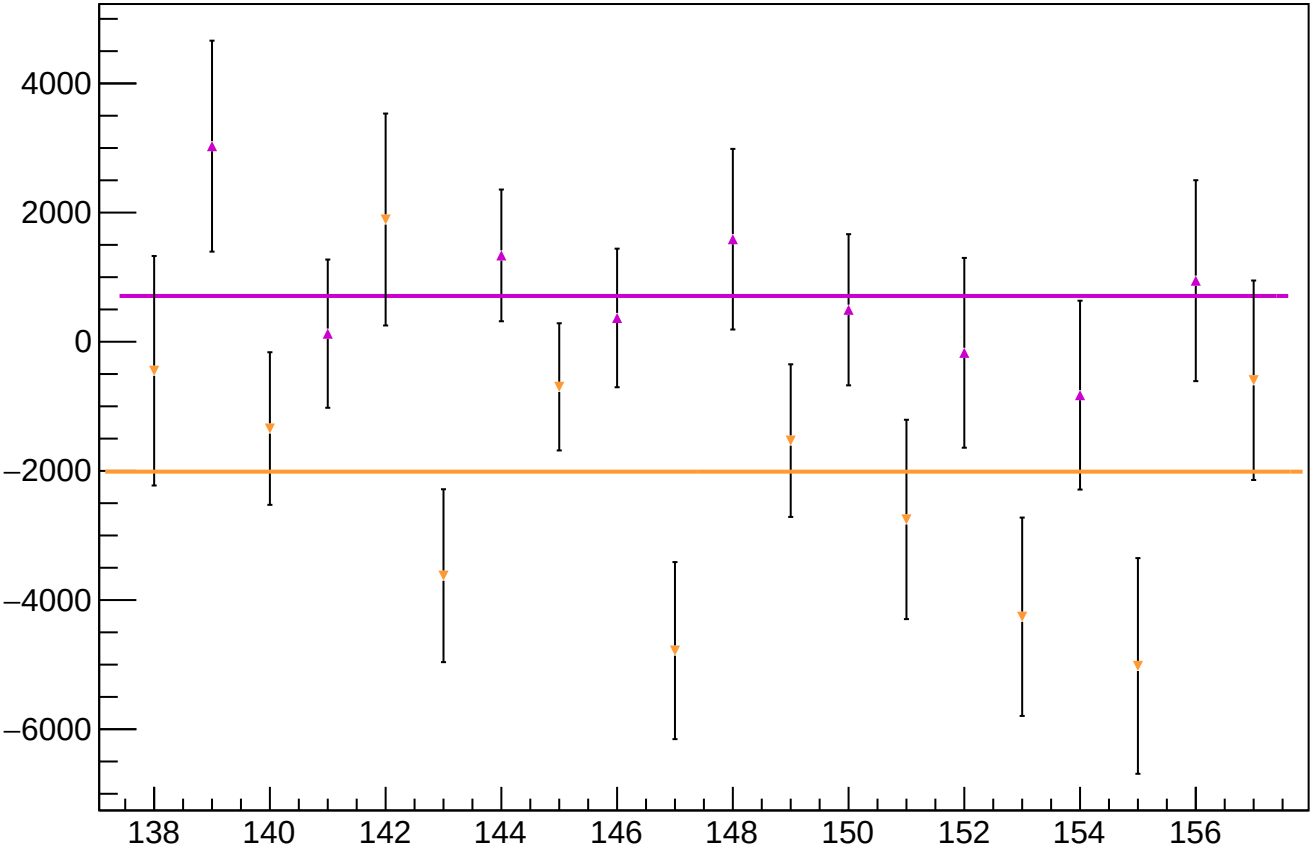
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 168.411+/-0.044 χ^2/NDF:25351.8/8

Out: 169.137+/-0.043 χ^2/NDF:303061.5/10

All: 168.784+/-0.031 χ^2/NDF: 328553.6/19

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -2011.693+/-412.992 χ^2/NDF:20.7/10

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

Left In: 708.877+/-424.525 χ^2/NDF:4.7/8

Left: -688.865+/-296.023 χ^2/NDF: 46.5/19

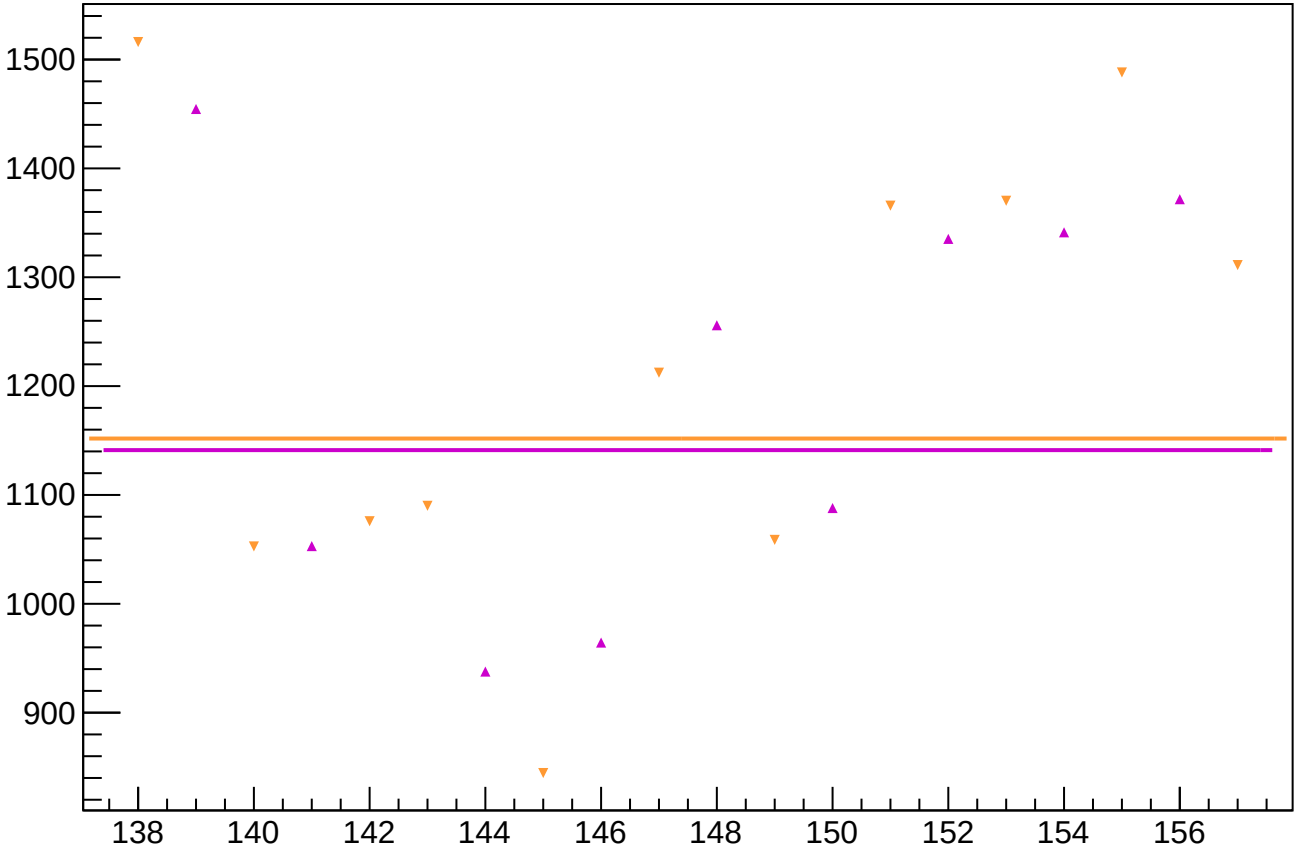
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 708.877+/-424.525 χ^2/NDF:4.7/8

Out: -2011.693+/-412.992 χ^2/NDF:20.7/10

All: -688.865+/-296.023 χ^2/NDF: 46.5/19

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1151.831+/-0.292 χ^2/NDF:499015.1/10

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

Left In: 1141.189+/-0.300 χ^2/NDF:353103.5/8

Left: 1146.656+/-0.209 χ^2/NDF: 852764.2/19

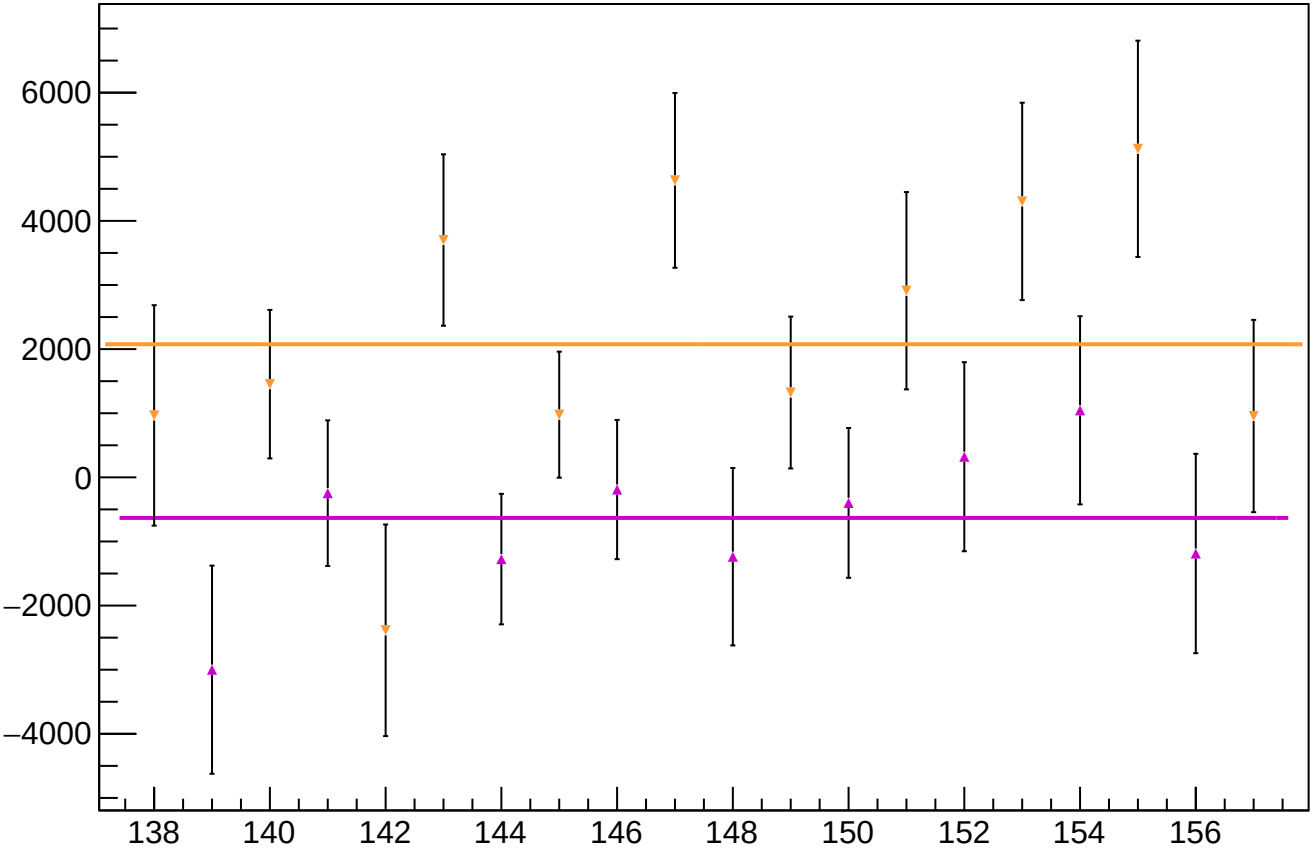
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1141.189+/-0.300 χ^2/NDF:353103.5/8

Out: 1151.831+/-0.292 χ^2/NDF:499015.1/10

All: 1146.656+/-0.209 χ^2/NDF: 852764.2/19

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 2075.784+/-410.359 χ^2/NDF:20.9/10

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

Left In: -632.611+/-424.040 χ^2/NDF:4.9/8

Left: 765.984+/-294.886 χ^2/NDF: 46.8/19

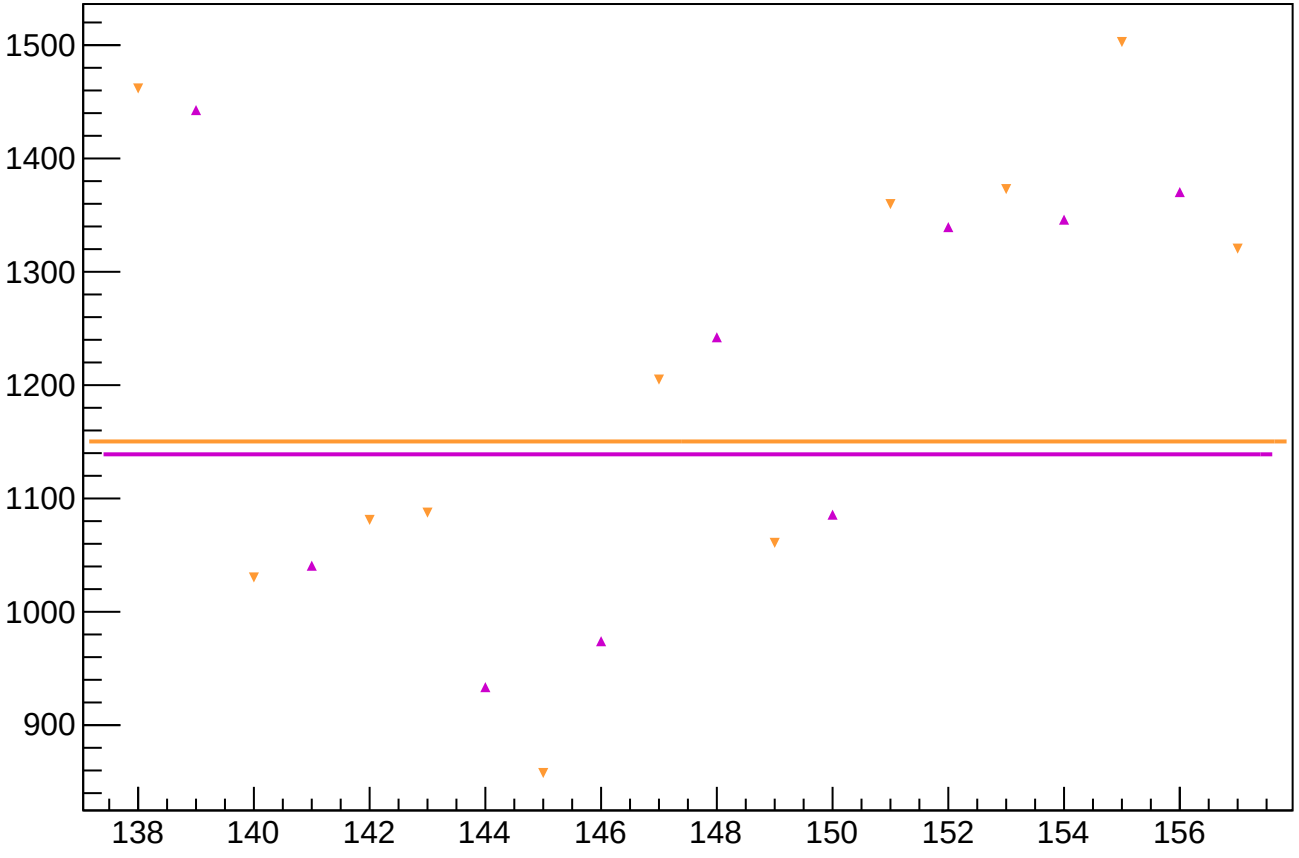
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -632.611+/-424.040 χ^2/NDF:4.9/8

Out: 2075.784+/-410.359 χ^2/NDF:20.9/10

All: 765.984+/-294.886 χ^2/NDF: 46.8/19

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1150.311+/-0.290 χ^2/NDF:478877.0/10

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

Left In: 1138.957+/-0.300 χ^2/NDF:348978.8/8

Left: 1144.820+/-0.209 χ^2/NDF: 828596.2/19

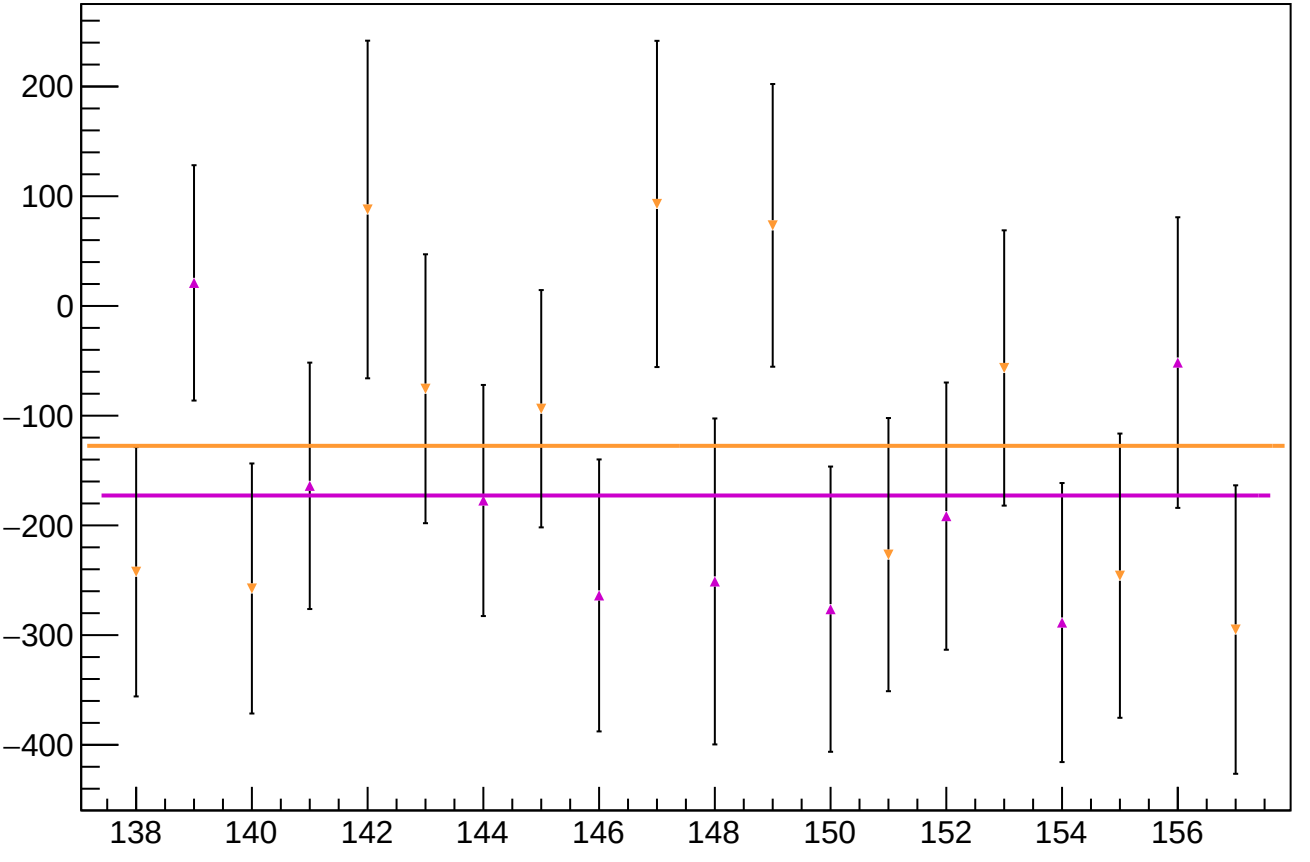
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1138.957+/-0.300 χ^2/NDF:348978.8/8

Out: 1150.311+/-0.290 χ^2/NDF:478877.0/10

All: 1144.820+/-0.209 χ^2/NDF: 828596.2/19

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -127.485+/-37.802 χ^2/NDF:12.6/10

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

Left In: -172.750+/-40.414 χ^2/NDF:6.4/8

Left: -148.607+/-27.607 χ^2/NDF: 19.7/19

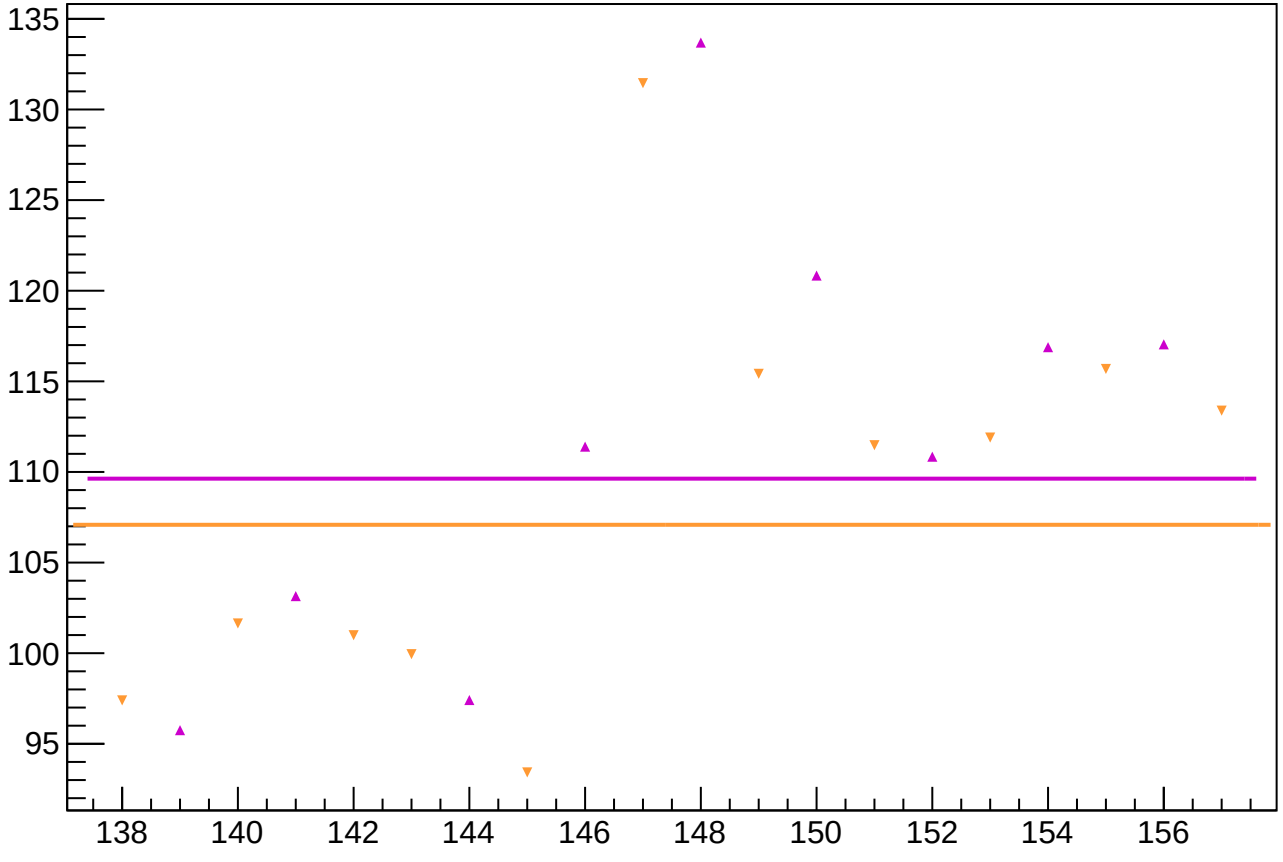
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -172.750+/-40.414 χ^2/NDF:6.4/8

Out: -127.485+/-37.802 χ^2/NDF:12.6/10

All: -148.607+/-27.607 χ^2/NDF: 19.7/19

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 107.085+/-0.027 χ^2/NDF:141885.3/10

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

Left In: 109.630+/-0.029 χ^2/NDF:147759.3/8

Left: 108.273+/-0.020 χ^2/NDF: 293877.5/19

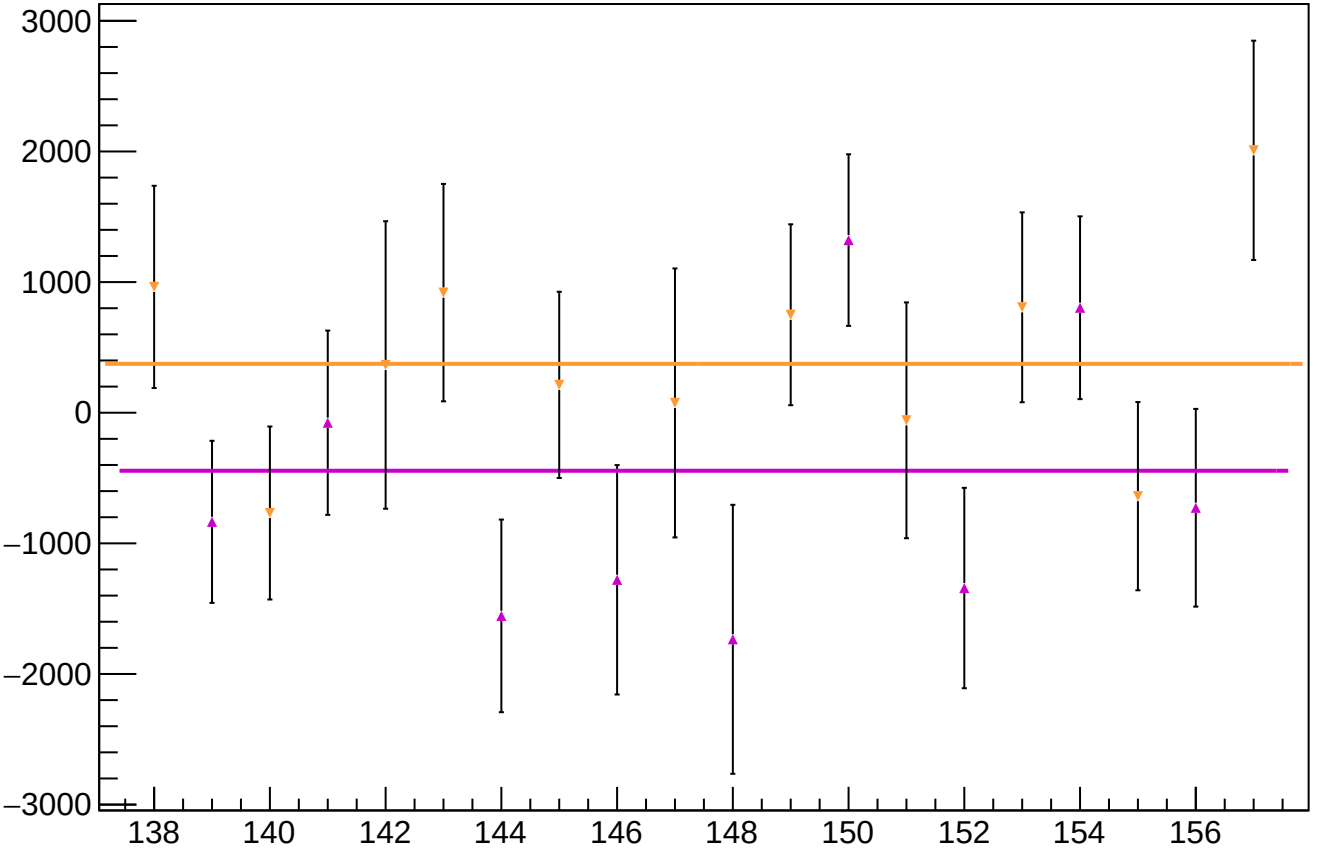
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 109.630+/-0.029 χ^2/NDF:147759.3/8

Out: 107.085+/-0.027 χ^2/NDF:141885.3/10

All: 108.273+/-0.020 χ^2/NDF: 293877.5/19

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 374.137+/-237.829 χ^2/NDF:10.8/10

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

Left In: -444.216+/-246.243 χ^2/NDF:17.3/8

Left: -20.819+/-171.068 χ^2/NDF: 33.8/19

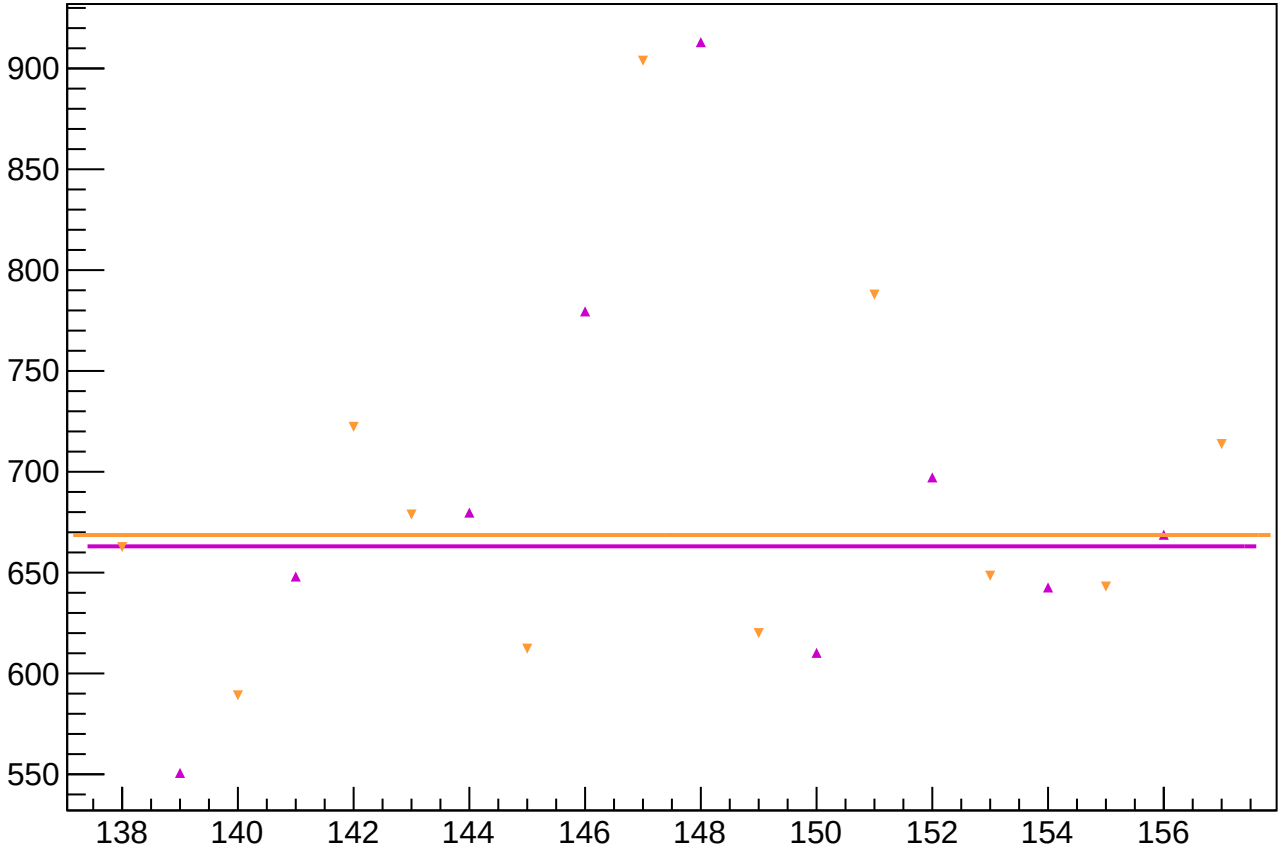
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -444.216+/-246.243 χ^2/NDF:17.3/8

Out: 374.137+/-237.829 χ^2/NDF:10.8/10

All: -20.819+/-171.068 χ^2/NDF: 33.8/19

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 668.635+/-0.168 χ^2/NDF:205449.0/10

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

Left In: 663.027+/-0.174 χ^2/NDF:239367.5/8

Left: 665.928+/-0.121 χ^2/NDF: 445353.2/19

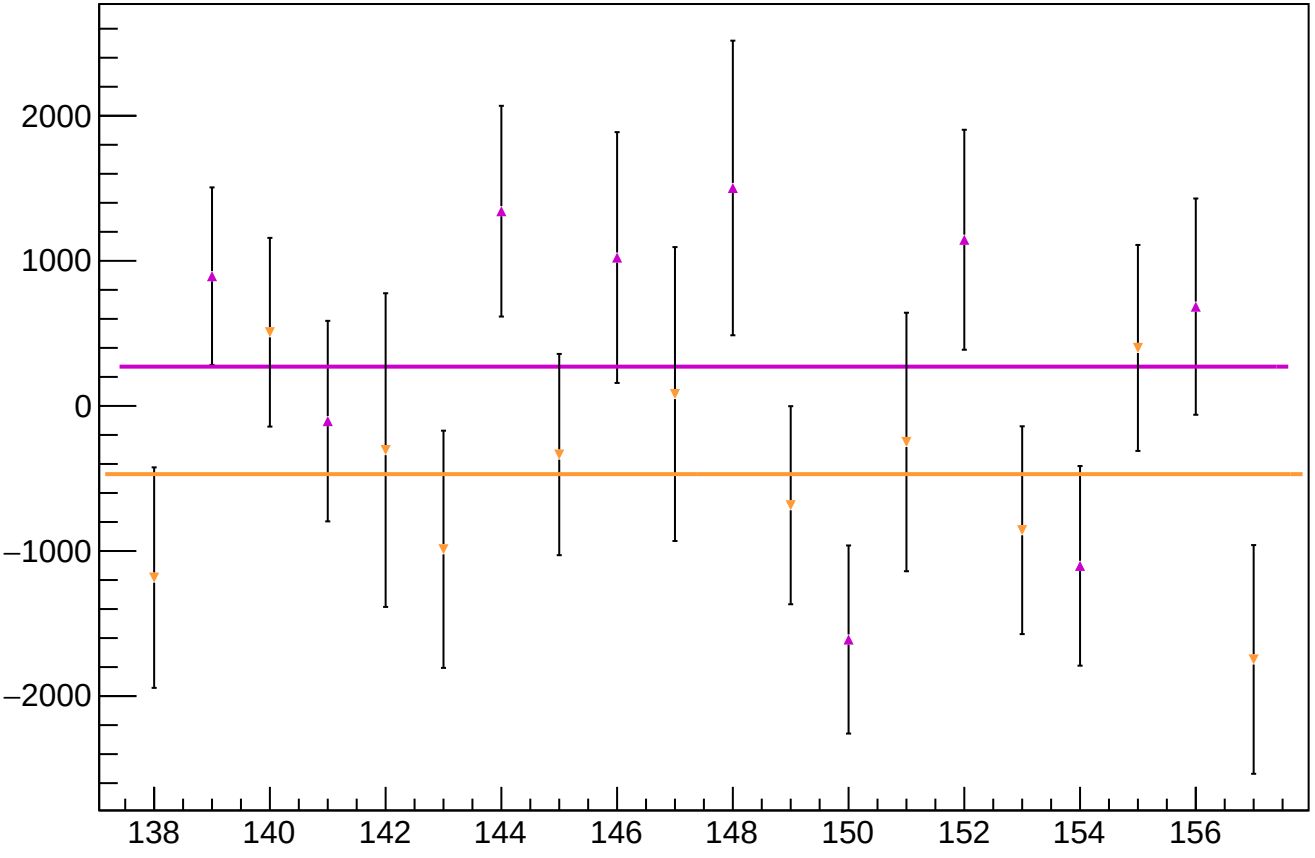
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 663.027+/-0.174 χ^2/NDF:239367.5/8

Out: 668.635+/-0.168 χ^2/NDF:205449.0/10

All: 665.928+/-0.121 χ^2/NDF: 445353.2/19

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -470.158+/-232.810 χ^2/NDF:8.5/10

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

Left In: 270.868+/-242.513 χ^2/NDF:19.8/8

Left: -114.765+/-167.947 χ^2/NDF: 33.1/19

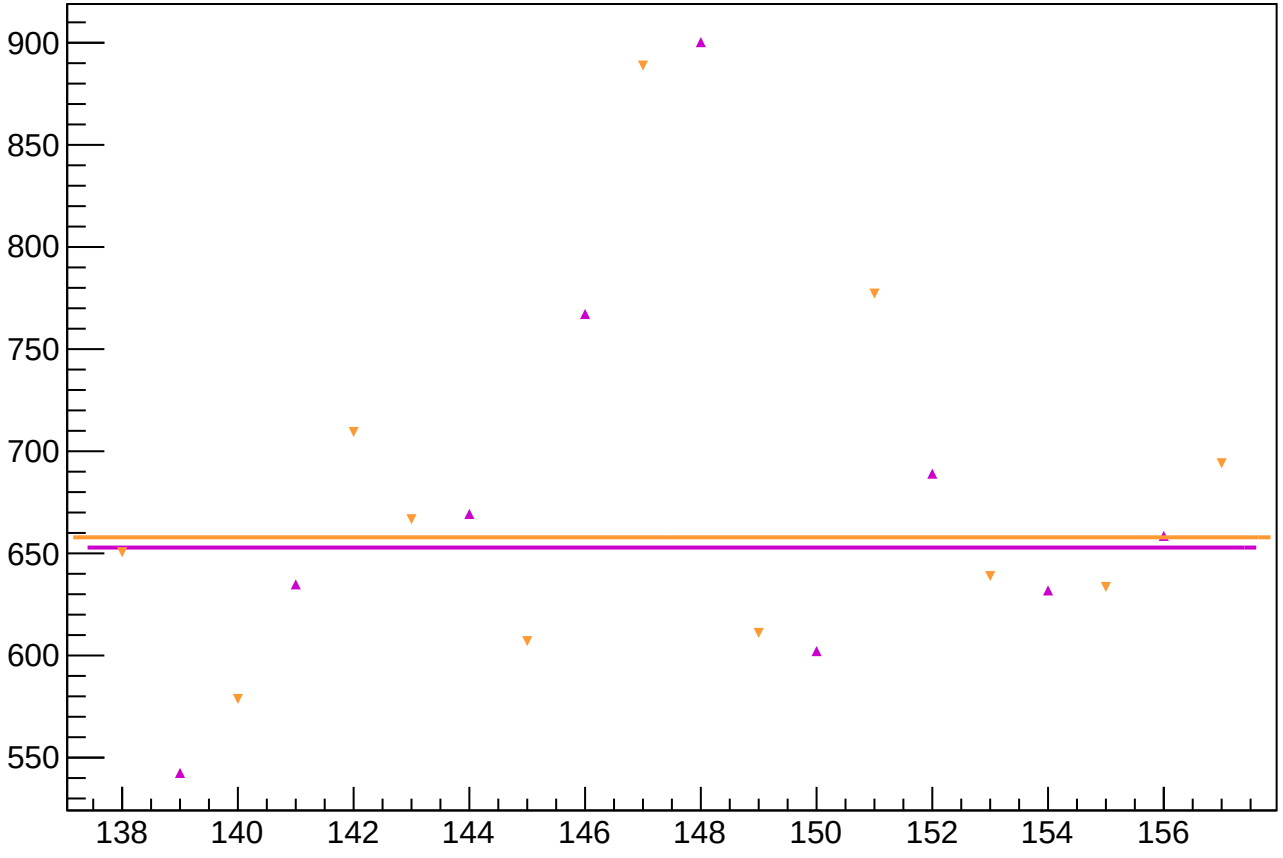
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 270.868+/-242.513 χ^2/NDF:19.8/8

Out: -470.158+/-232.810 χ^2/NDF:8.5/10

All: -114.765+/-167.947 χ^2/NDF: 33.1/19

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 657.862+/-0.165 χ^2/NDF:202557.9/10

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

Left In: 652.851+/-0.171 χ^2/NDF:240019.0/8

Left: 655.458+/-0.119 χ^2/NDF: 443021.2/19

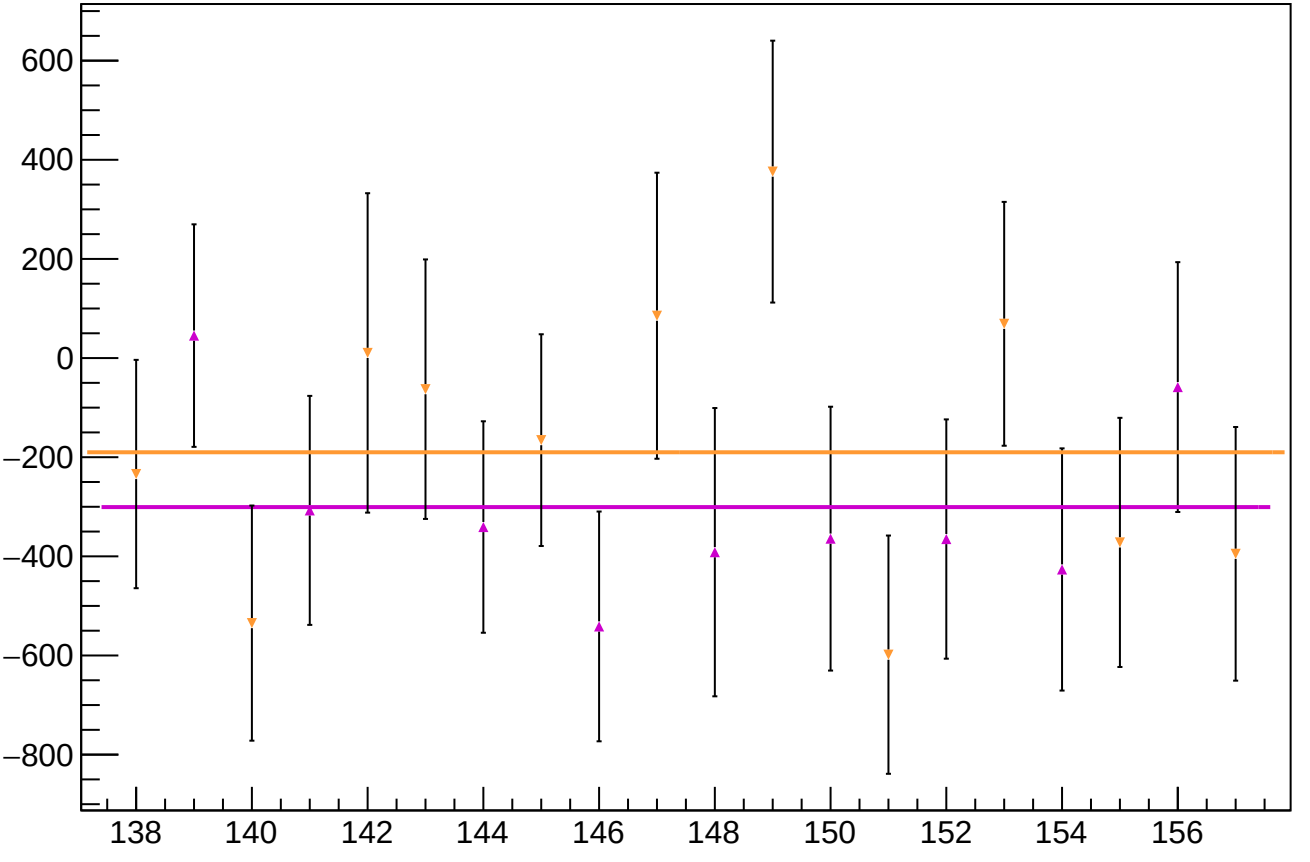
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 652.851+/-0.171 χ^2/NDF:240019.0/8

Out: 657.862+/-0.165 χ^2/NDF:202557.9/10

All: 655.458+/-0.119 χ^2/NDF: 443021.2/19

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -190.046+/-75.795 χ^2/NDF:13.5/10

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

Left In: -300.636+/-80.376 χ^2/NDF:4.9/8

Left: -242.100+/-55.144 χ^2/NDF: 19.4/19

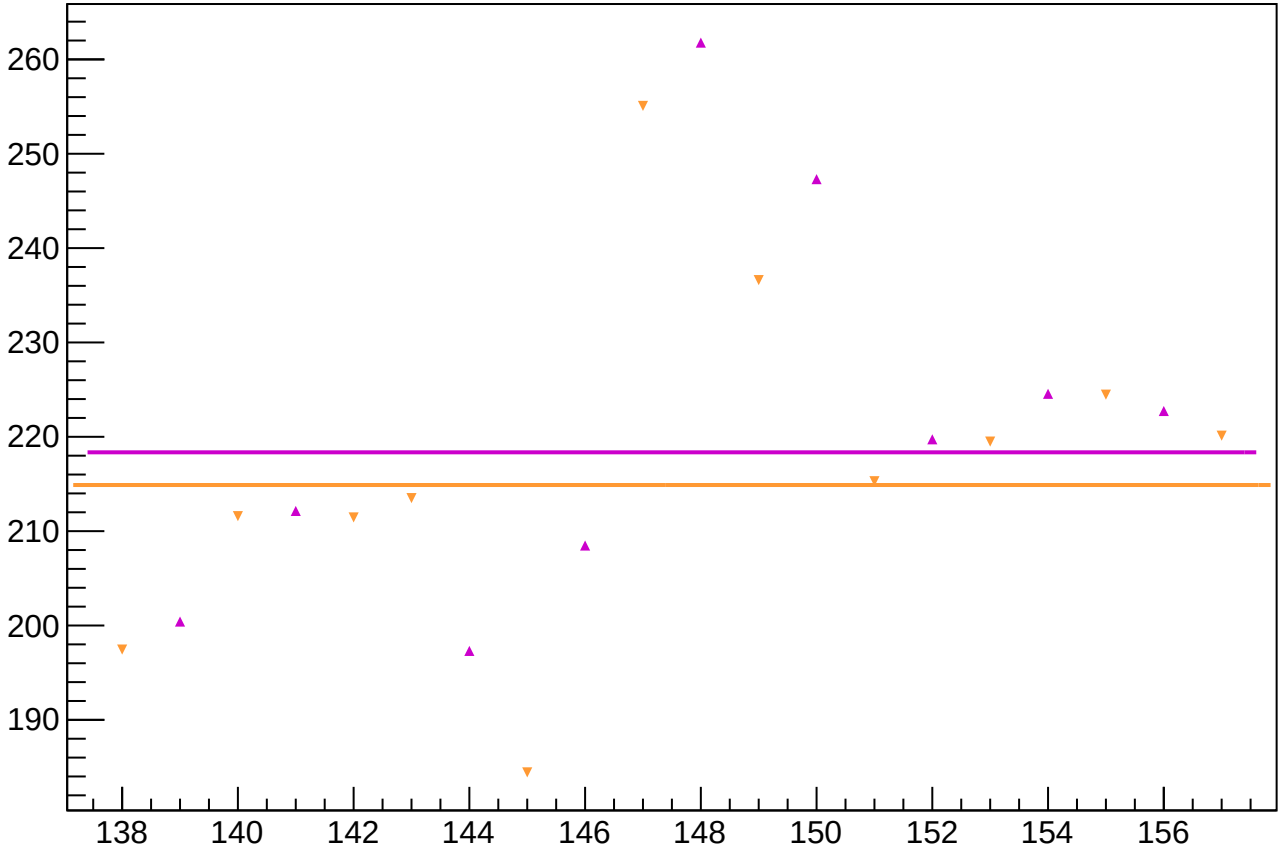
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -300.636+/-80.376 χ^2/NDF:4.9/8

Out: -190.046+/-75.795 χ^2/NDF:13.5/10

All: -242.100+/-55.144 χ^2/NDF: 19.4/19

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 214.891+/-0.054 χ^2/NDF:109554.2/10

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

Left In: 218.356+/-0.057 χ^2/NDF:107548.9/8

Left: 216.522+/-0.039 χ^2/NDF: 219070.5/19

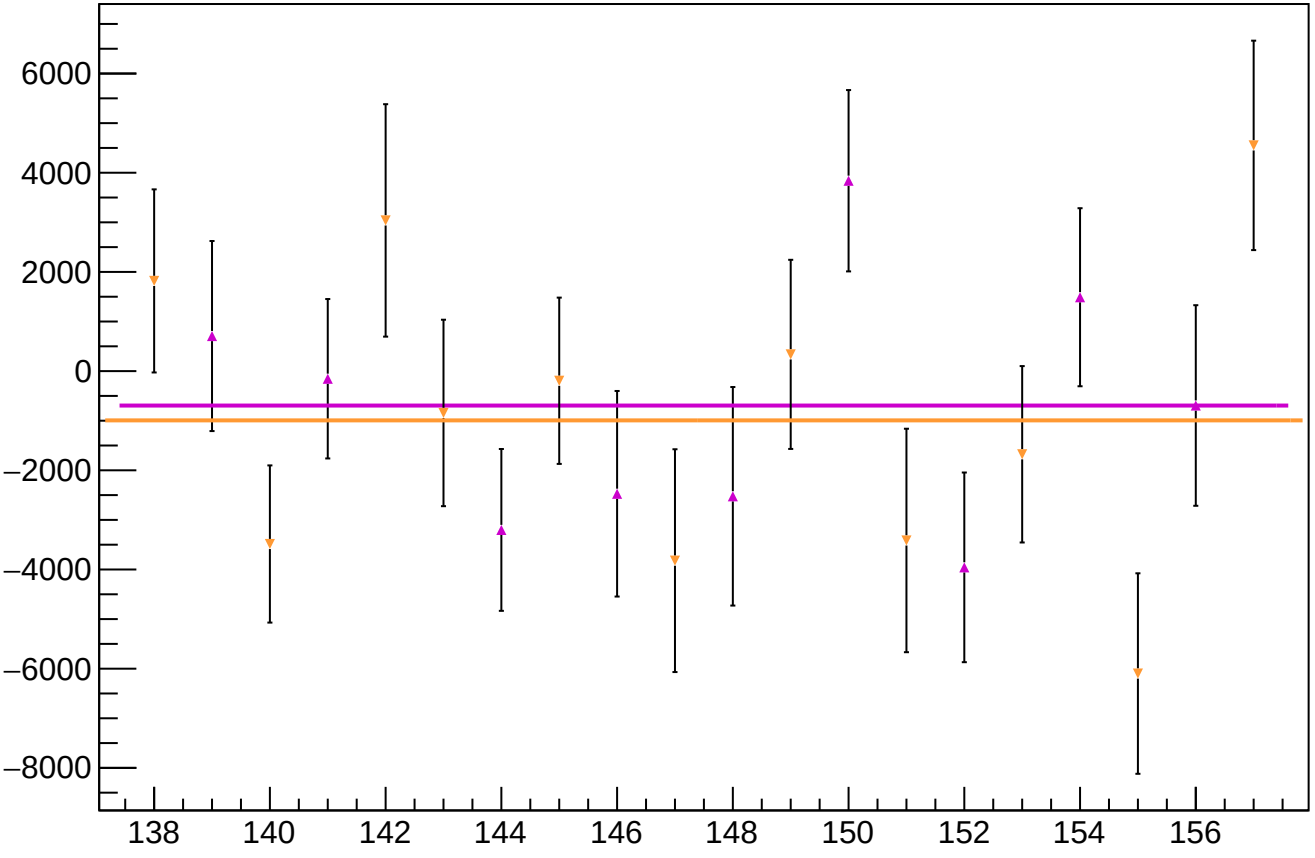
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 218.356+/-0.057 χ^2/NDF:107548.9/8

Out: 214.891+/-0.054 χ^2/NDF:109554.2/10

All: 216.522+/-0.039 χ^2/NDF: 219070.5/19

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -993.256+/-580.440 χ^2/NDF:24.6/10

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

Left In: -694.338+/-620.001 χ^2/NDF:15.0/8

Left: -853.637+/-423.729 χ^2/NDF: 39.7/19

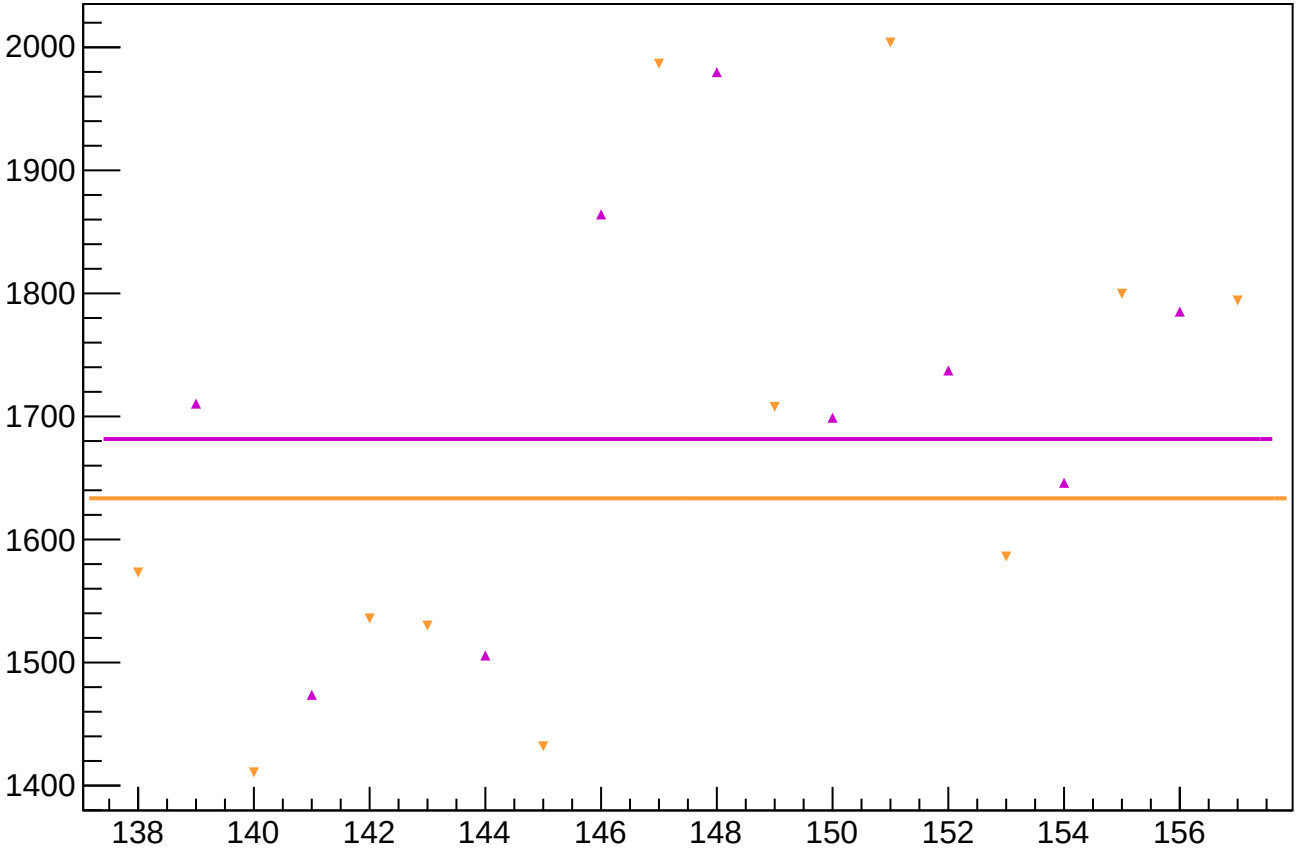
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -694.338+/-620.001 χ^2/NDF:15.0/8

Out: -993.256+/-580.440 χ^2/NDF:24.6/10

All: -853.637+/-423.729 χ^2/NDF: 39.7/19

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1633.461+/-0.410 χ^2/NDF:213193.8/10

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

Left In: 1681.631+/-0.438 χ^2/NDF:117238.0/8

Left: 1655.960+/-0.300 χ^2/NDF: 336865.4/19

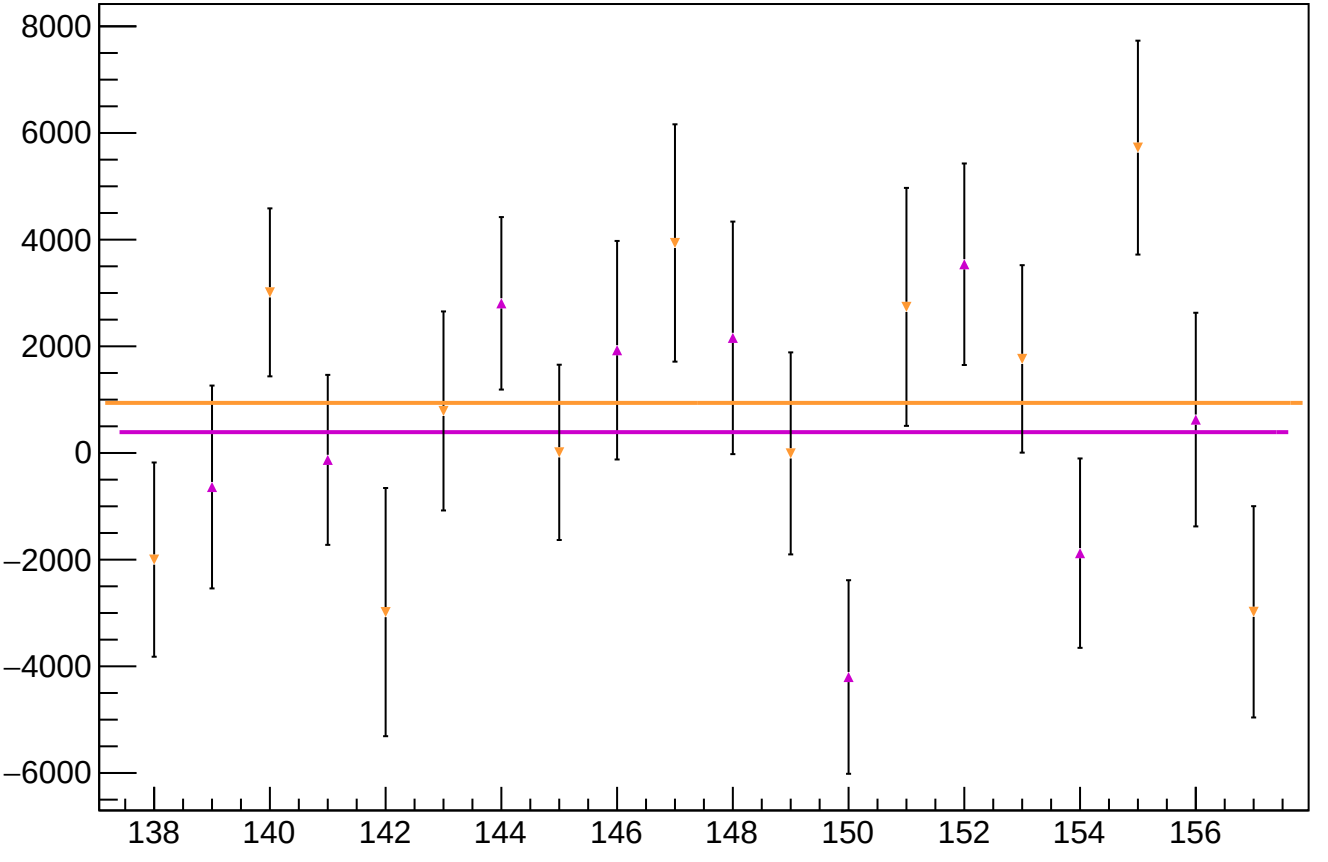
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1681.631+/-0.438 χ^2/NDF:117238.0/8

Out: 1633.461+/-0.410 χ^2/NDF:213193.8/10

All: 1655.960+/-0.300 χ^2/NDF: 336865.4/19

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 939.350+/-572.033 χ^2/NDF:20.0/10

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

Left In: 390.671+/-614.125 χ^2/NDF:14.7/8

Left: 684.456+/-418.579 χ^2/NDF: 35.1/19

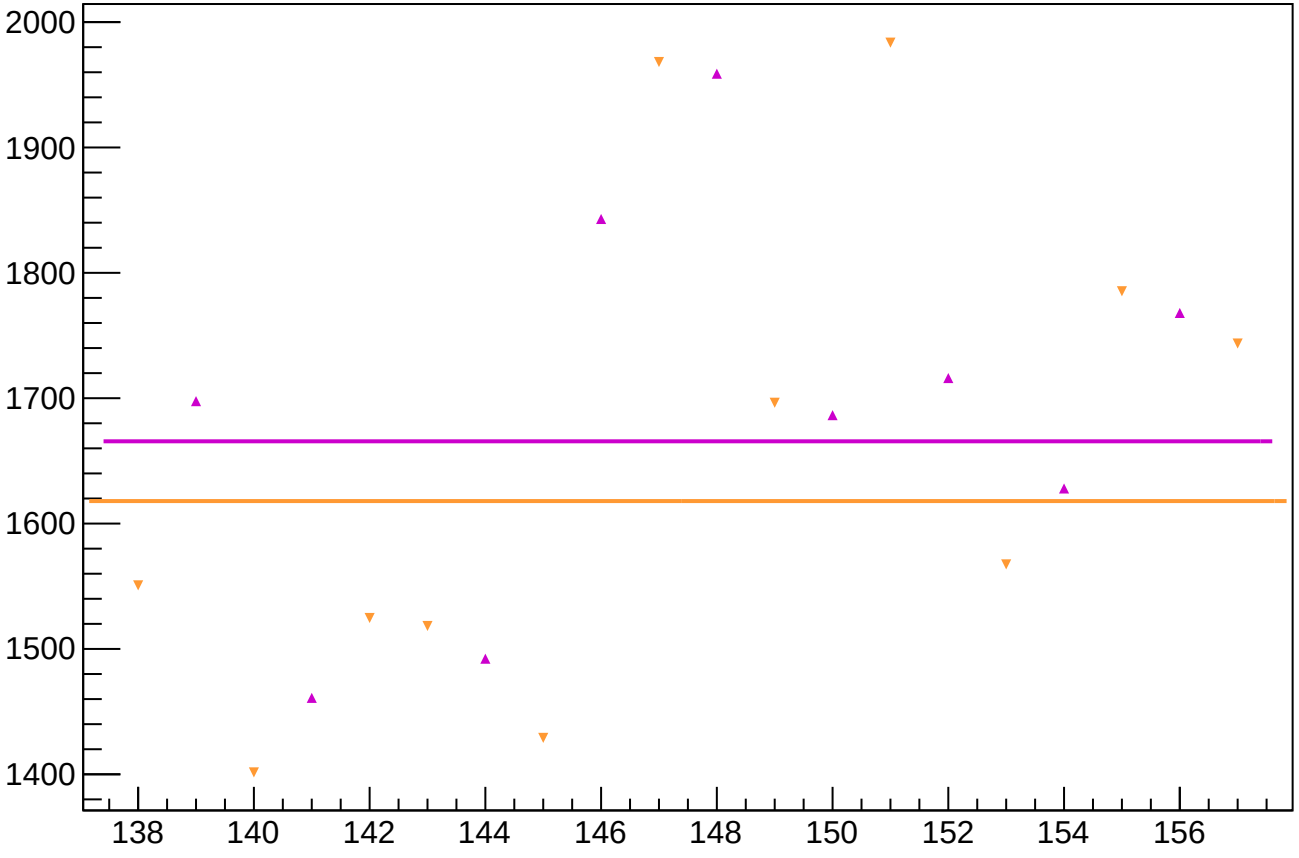
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 390.671+/-614.125 χ^2/NDF:14.7/8

Out: 939.350+/-572.033 χ^2/NDF:20.0/10

All: 684.456+/-418.579 χ^2/NDF: 35.1/19

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1617.947+/-0.404 χ^2/NDF:206184.8/10

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

Left In: 1665.618+/-0.434 χ^2/NDF:115526.7/8

Left: 1640.093+/-0.296 χ^2/NDF: 328164.0/19

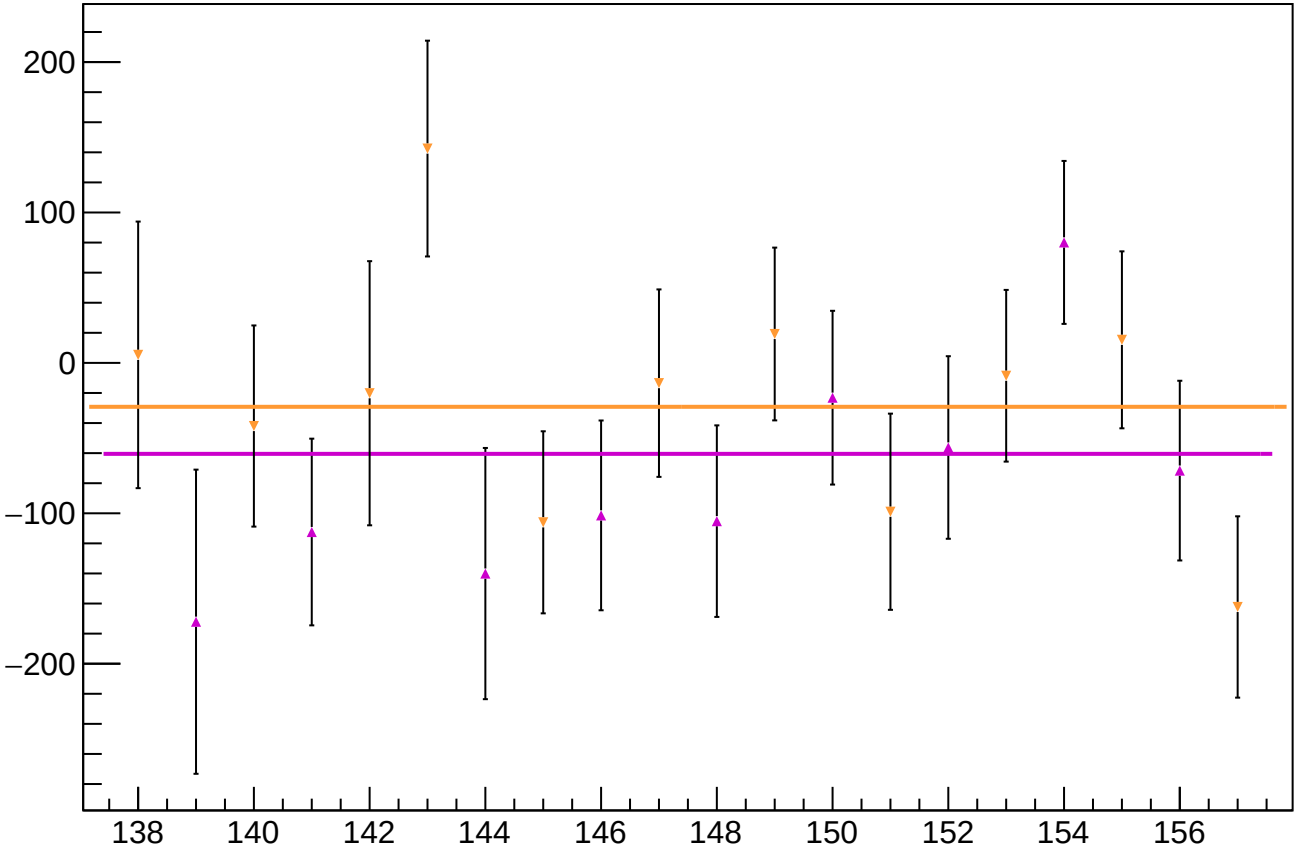
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1665.618+/-0.434 χ^2/NDF:115526.7/8

Out: 1617.947+/-0.404 χ^2/NDF:206184.8/10

All: 1640.093+/-0.296 χ^2/NDF: 328164.0/19

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -29.194+/-19.557 χ^2/NDF:15.0/10

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

Left In: -60.479+/-21.365 χ^2/NDF:10.9/8

Left: -43.457+/-14.426 χ^2/NDF: 27.1/19

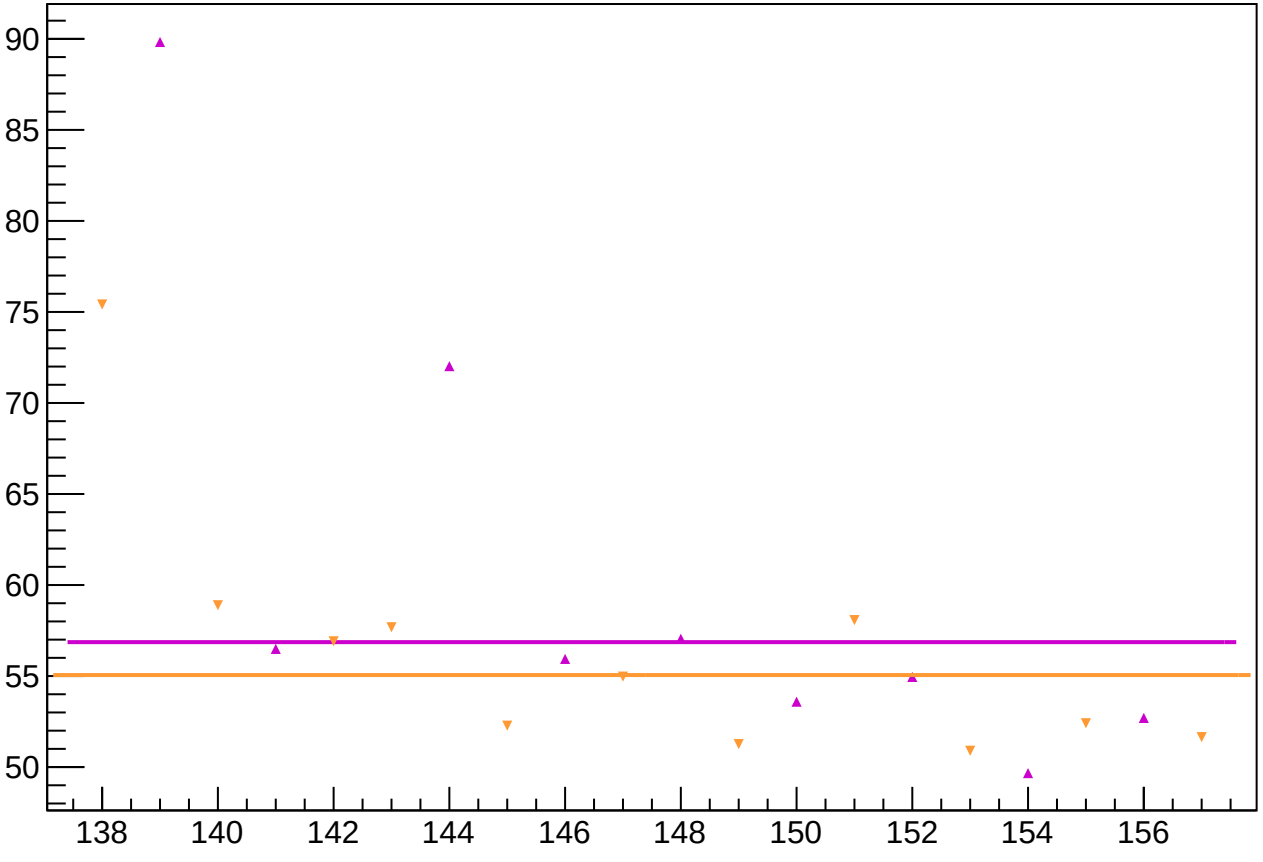
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -60.479+/-21.365 χ^2/NDF:10.9/8

Out: -29.194+/-19.557 χ^2/NDF:15.0/10

All: -43.457+/-14.426 χ^2/NDF: 27.1/19

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 55.055+/-0.014 χ^2/NDF:153951.9/10

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

Left In: 56.863+/-0.015 χ^2/NDF:332393.5/8

Left: 55.879+/-0.010 χ^2/NDF: 494140.9/19

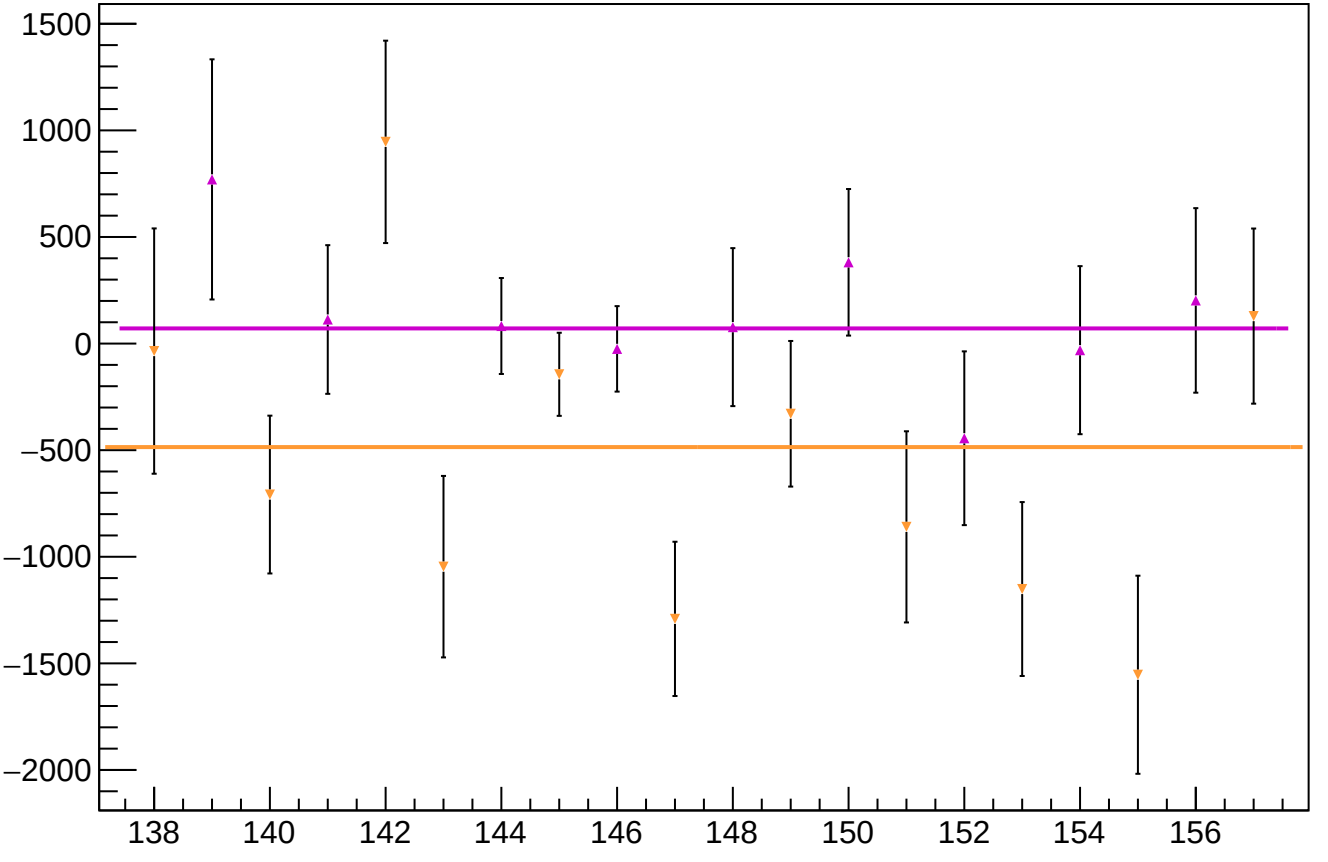
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 56.863+/-0.015 χ^2/NDF:332393.5/8

Out: 55.055+/-0.014 χ^2/NDF:153951.9/10

All: 55.879+/-0.010 χ^2/NDF: 494140.9/19

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -485.538+/-108.867 χ^2/NDF:30.9/10

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

Left In: 71.061+/-105.678 χ^2/NDF:4.4/8

Left: -198.968+/-75.828 χ^2/NDF: 48.7/19

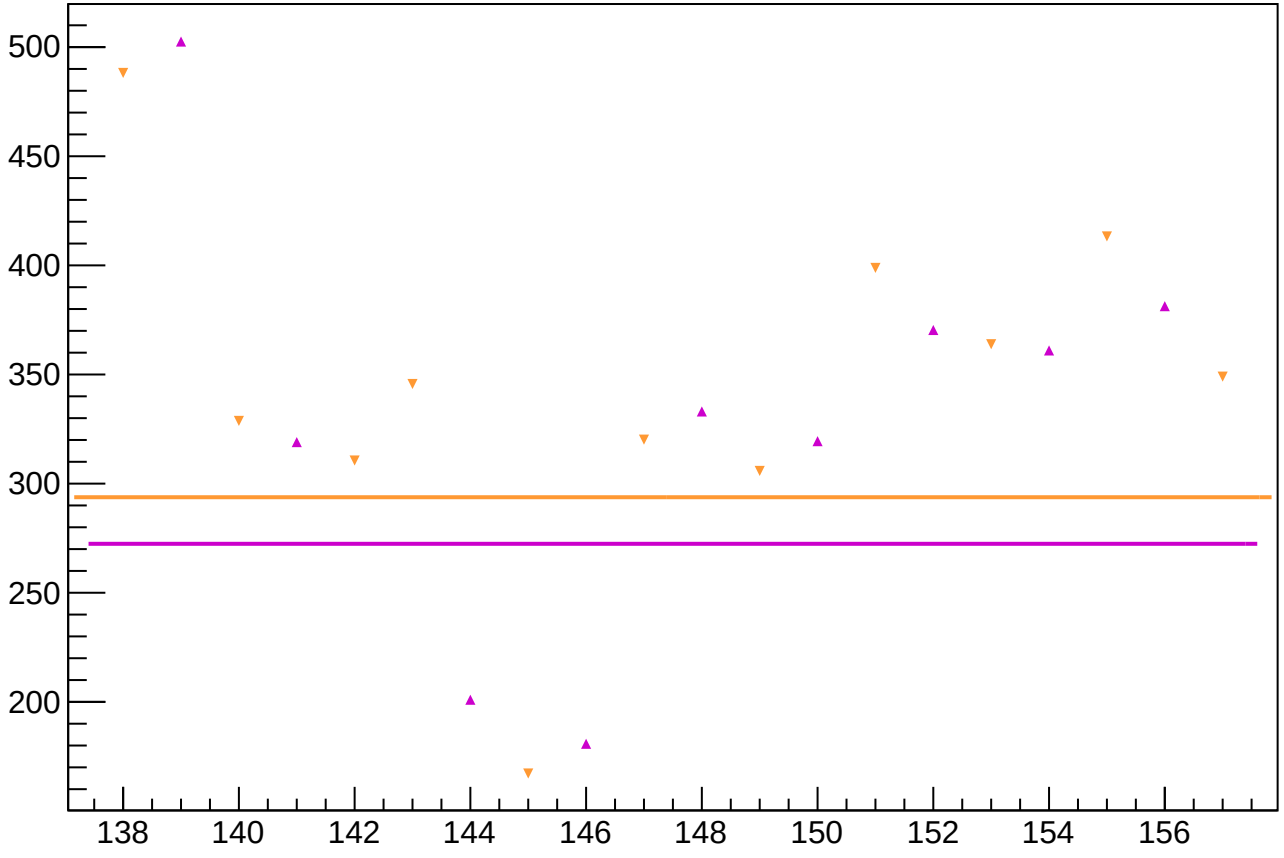
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 71.061+/-105.678 χ^2/NDF:4.4/8

Out: -485.538+/-108.867 χ^2/NDF:30.9/10

All: -198.968+/-75.828 χ^2/NDF: 48.7/19

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 293.766+/-0.077 χ^2/NDF:1472971.6/10

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

Left In: 272.427+/-0.075 χ^2/NDF:1422979.3/8

Left: 282.779+/-0.054 χ^2/NDF: 2935513.1/19

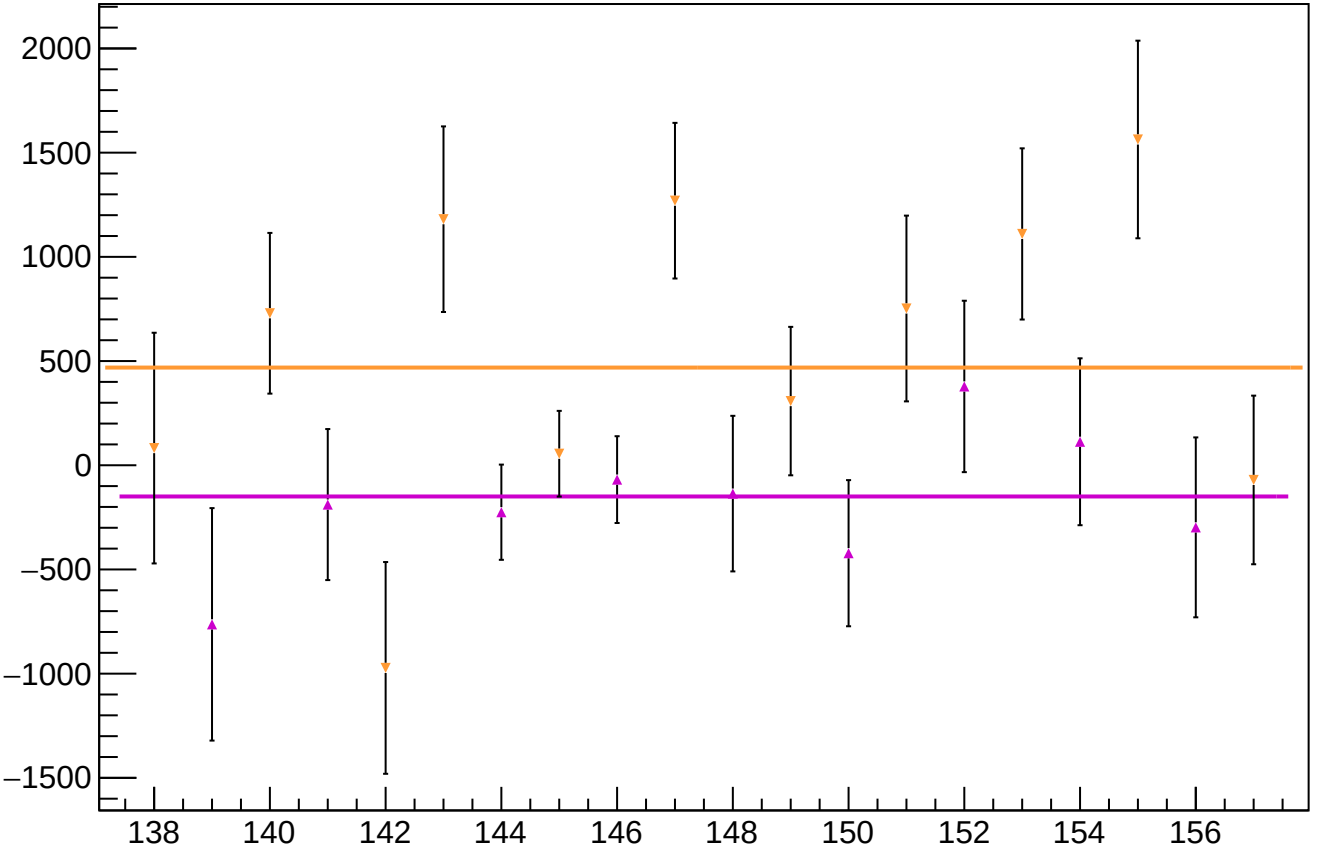
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 272.427+/-0.075 χ^2/NDF:1422979.3/8

Out: 293.766+/-0.077 χ^2/NDF:1472971.6/10

All: 282.779+/-0.054 χ^2/NDF: 2935513.1/19

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 468.754+/-112.424 χ^2/NDF:30.3/10

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

Left In: -149.806+/-107.911 χ^2/NDF:4.3/8

Left: 146.811+/-77.851 χ^2/NDF: 50.4/19

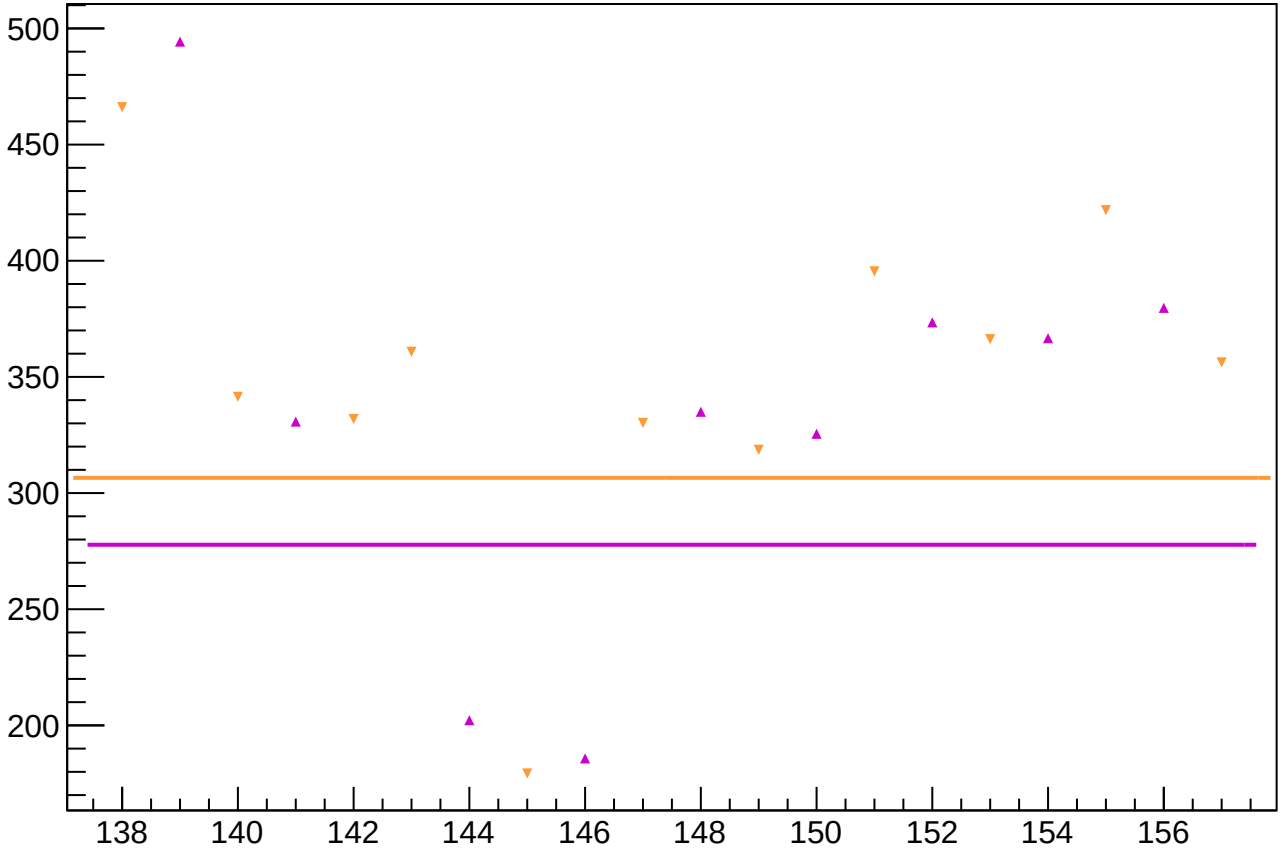
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -149.806+/-107.911 χ^2/NDF:4.3/8

Out: 468.754+/-112.424 χ^2/NDF:30.3/10

All: 146.811+/-77.851 χ^2/NDF: 50.4/19

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 306.567+/-0.079 χ^2/NDF:1263117.2/10

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

Left In: 277.748+/-0.076 χ^2/NDF:1355877.9/8

Left: 291.568+/-0.055 χ^2/NDF: 2687397.6/19

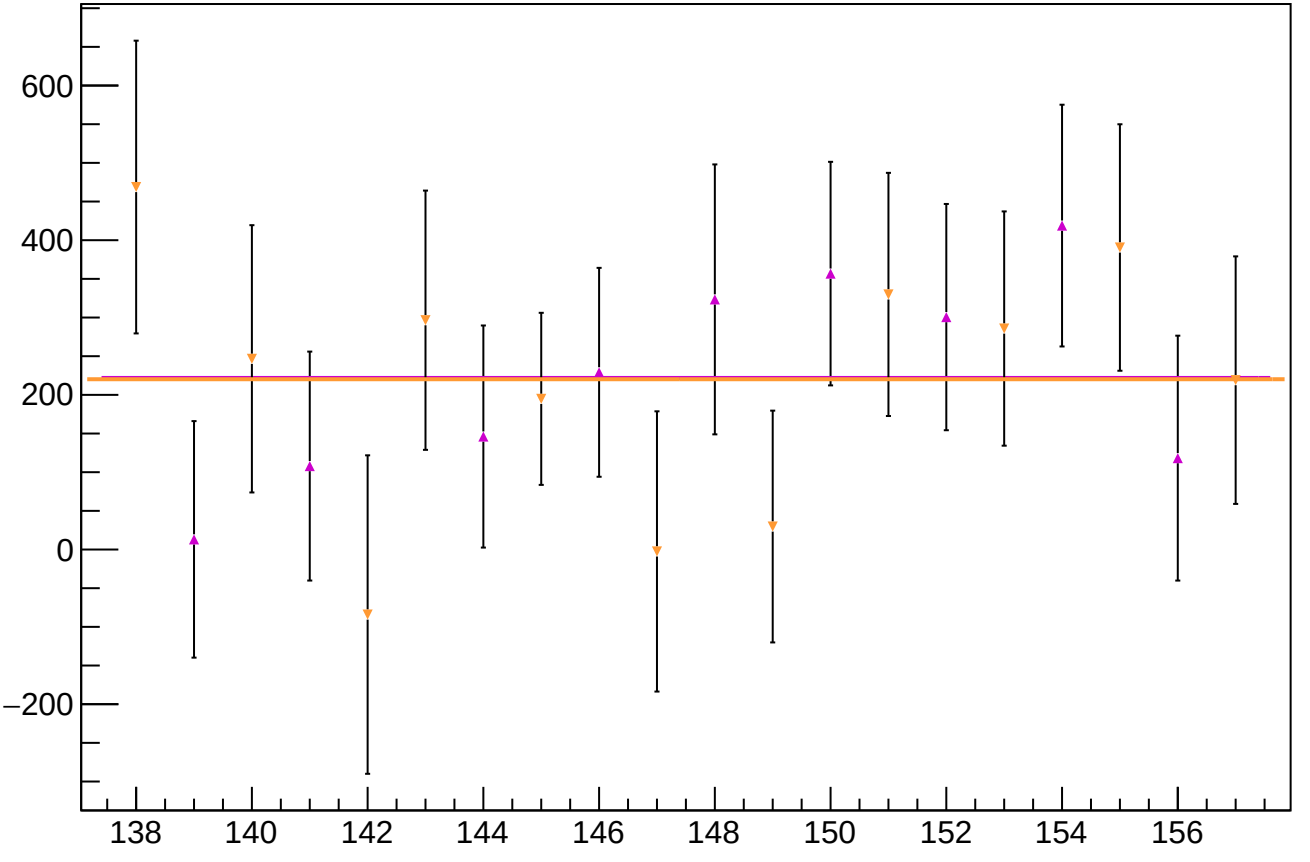
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 277.748+/-0.076 χ^2/NDF:1355877.9/8

Out: 306.567+/-0.079 χ^2/NDF:1263117.2/10

All: 291.568+/-0.055 χ^2/NDF: 2687397.6/19

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 220.218+/-47.739 χ^2/NDF:9.1/10

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

Left In: 221.869+/-50.005 χ^2/NDF:6.3/8

Left: 221.005+/-34.530 χ^2/NDF: 15.4/19

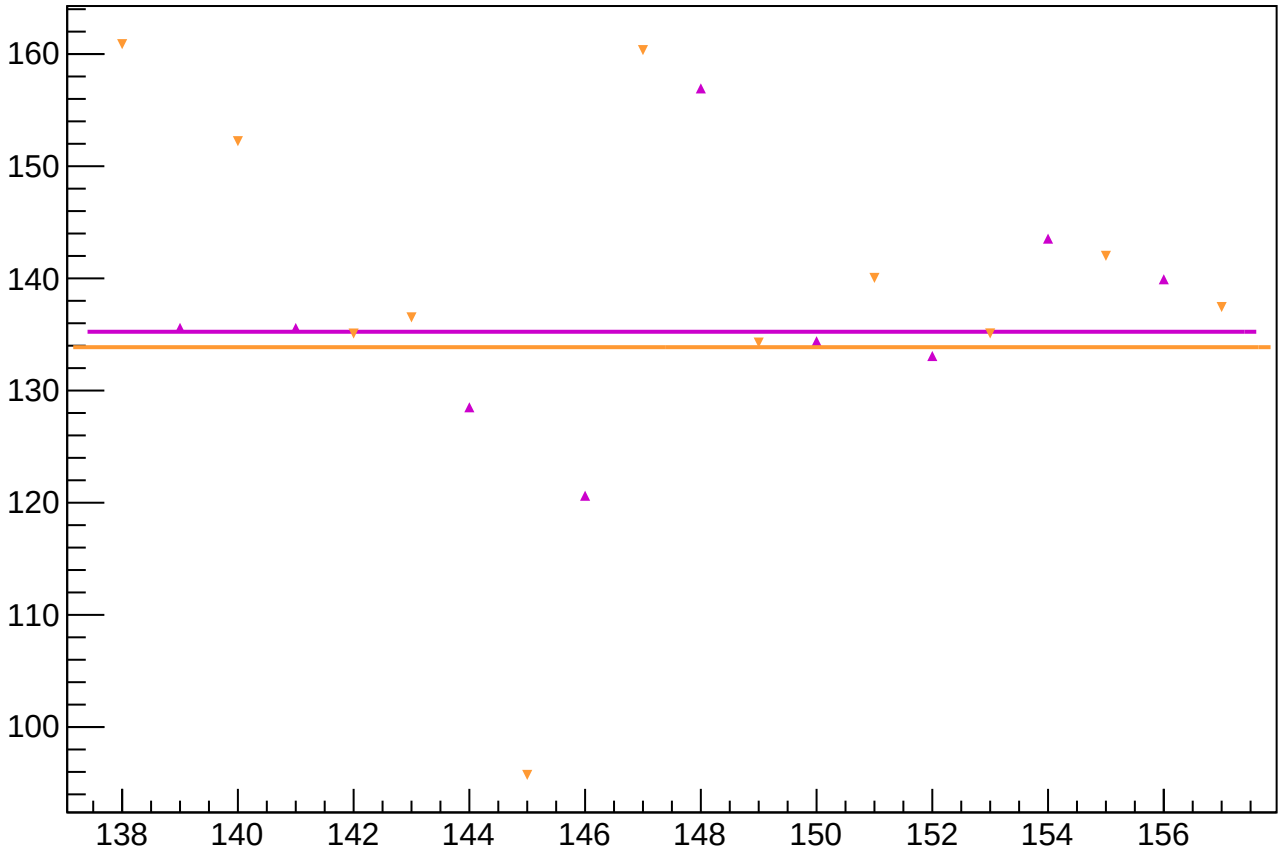
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 221.869+/-50.005 χ^2/NDF:6.3/8

Out: 220.218+/-47.739 χ^2/NDF:9.1/10

All: 221.005+/-34.530 χ^2/NDF: 15.4/19

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 133.866+/-0.034 χ^2/NDF:351034.0/10

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

Left In: 135.242+/-0.035 χ^2/NDF:66645.0/8

Left: 134.522+/-0.024 χ^2/NDF: 418470.8/19

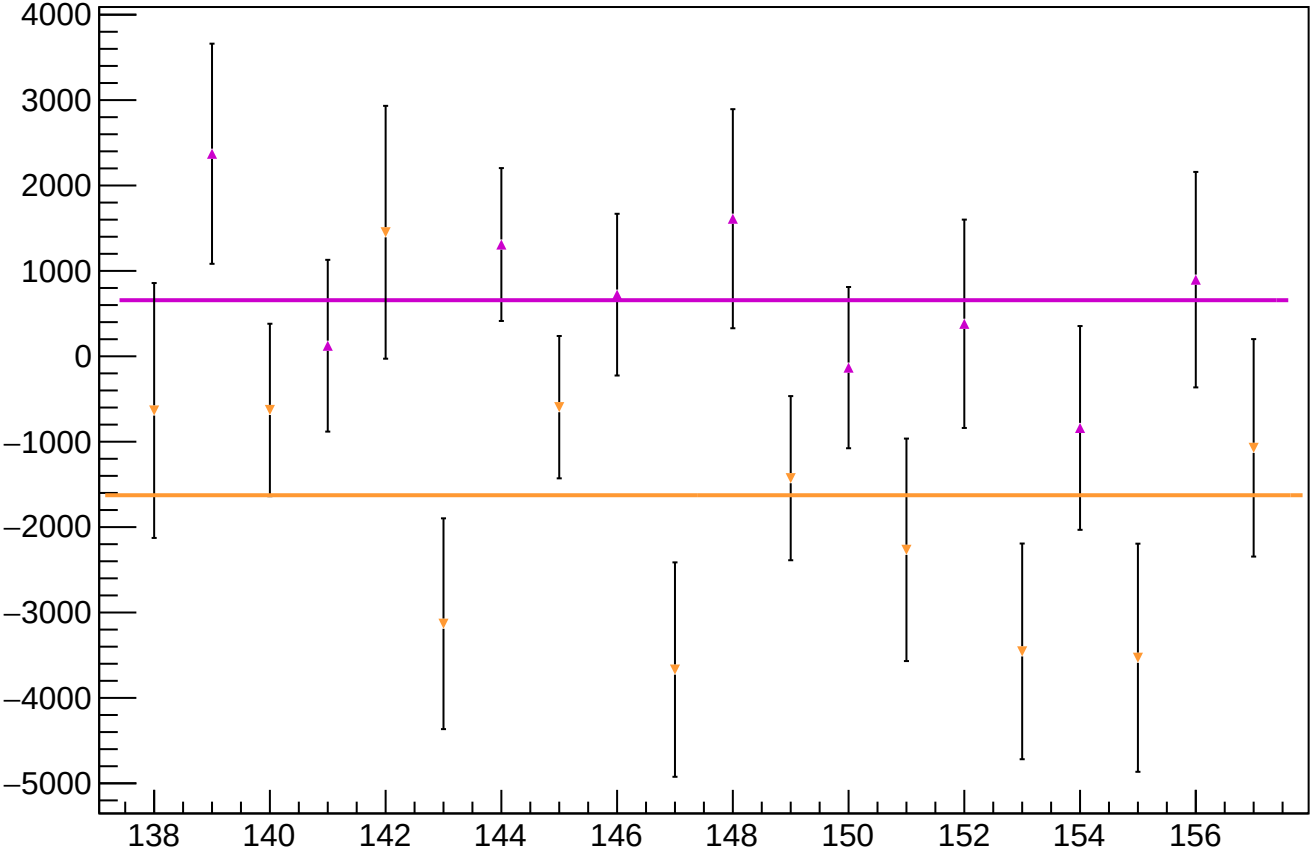
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 135.242+/-0.035 χ^2/NDF:66645.0/8

Out: 133.866+/-0.034 χ^2/NDF:351034.0/10

All: 134.522+/-0.024 χ^2/NDF: 418470.8/19

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1626.734+/-351.489 χ^2/NDF:16.0/10

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

Left In: 656.915+/-360.672 χ^2/NDF:5.5/8

Left: -514.354+/-251.724 χ^2/NDF: 42.1/19

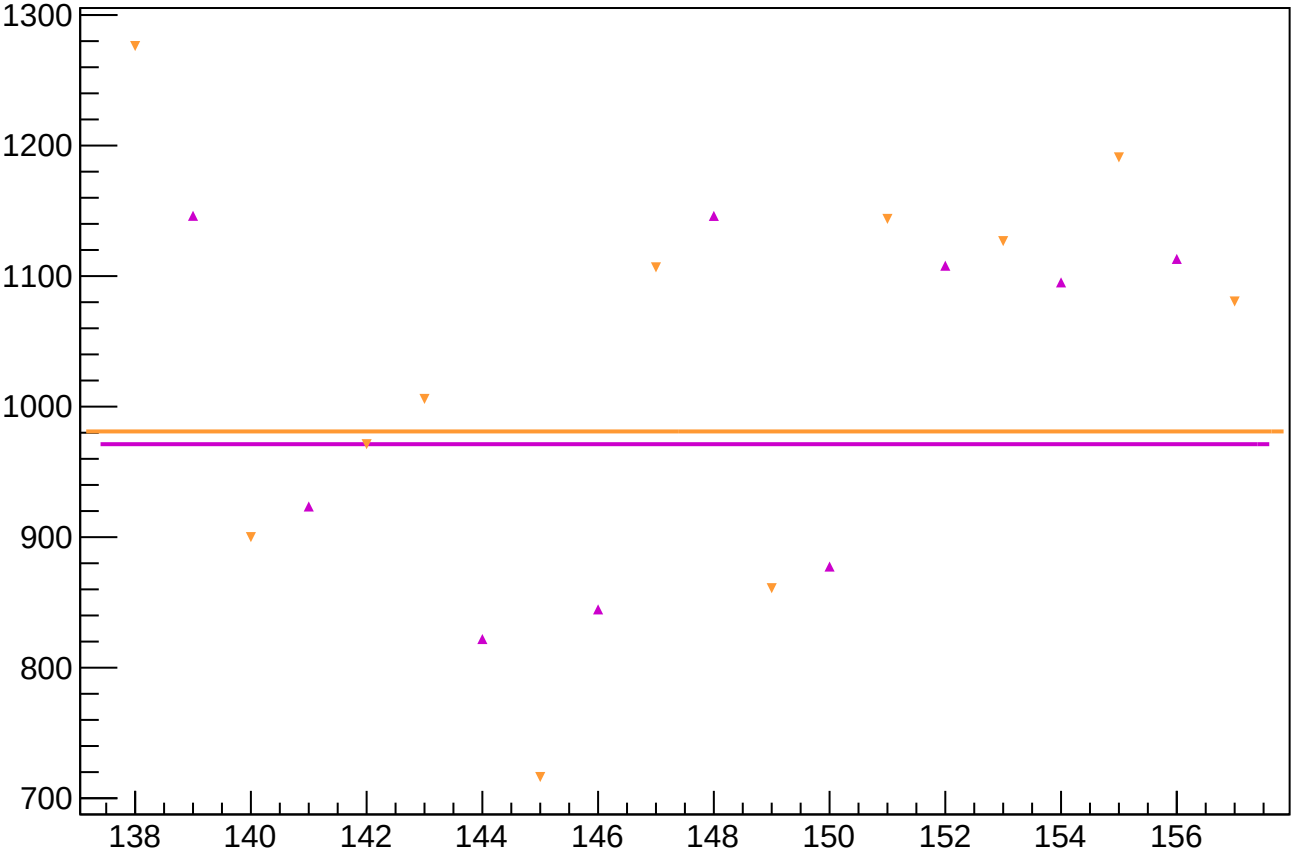
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 656.915+/-360.672 χ^2/NDF:5.5/8

Out: -1626.734+/-351.489 χ^2/NDF:16.0/10

All: -514.354+/-251.724 χ^2/NDF: 42.1/19

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 980.990+/-0.249 χ^2/NDF:464717.3/10

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

Left In: 971.222+/-0.255 χ^2/NDF:261648.8/8

Left: 976.232+/-0.178 χ^2/NDF: 727118.5/19

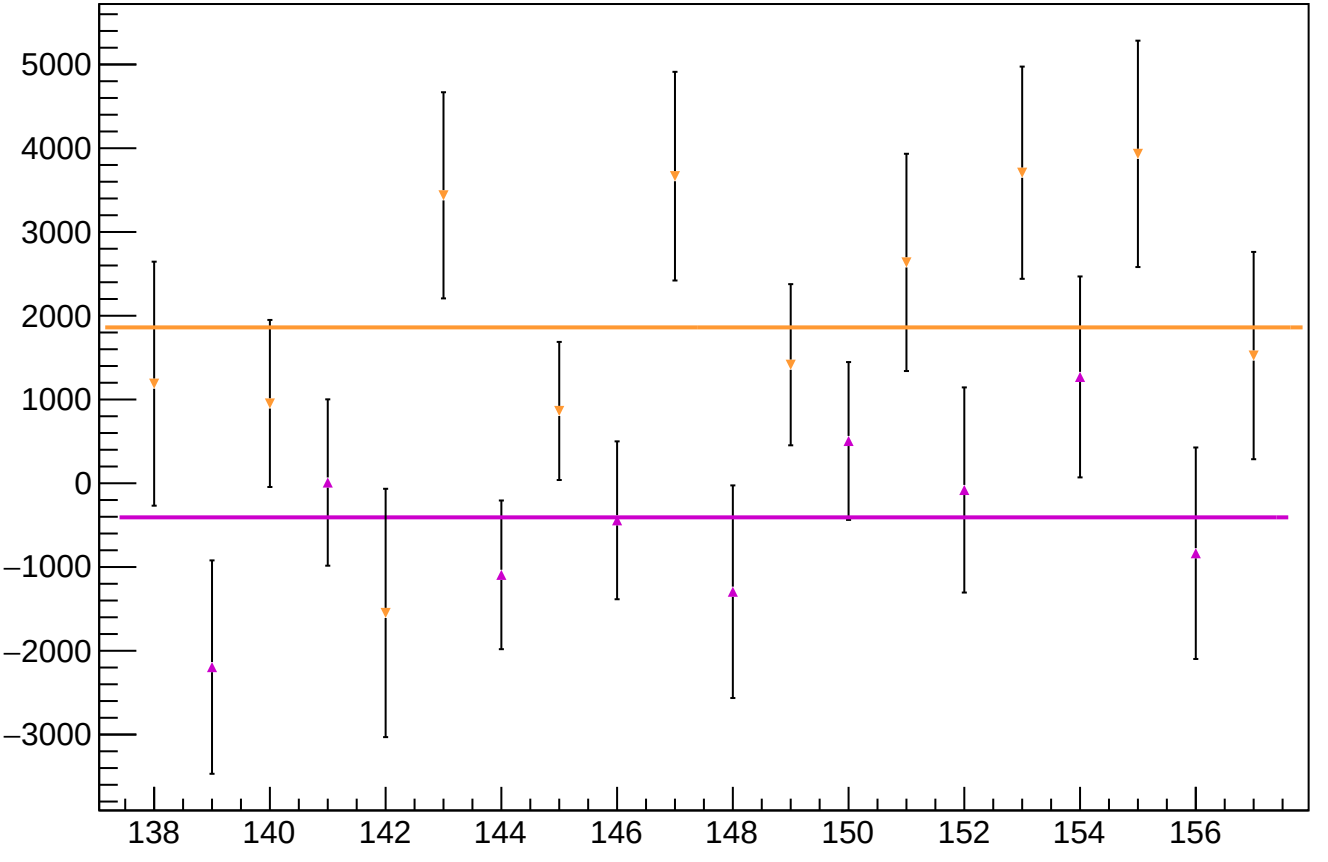
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 971.222+/-0.255 χ^2/NDF:261648.8/8

Out: 980.990+/-0.249 χ^2/NDF:464717.3/10

All: 976.232+/-0.178 χ^2/NDF: 727118.5/19

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1860.961+/-349.069 χ^2/NDF:16.7/10

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

Left In: -406.994+/-358.936 χ^2/NDF:6.3/8

Left: 758.584+/-250.245 χ^2/NDF: 43.5/19

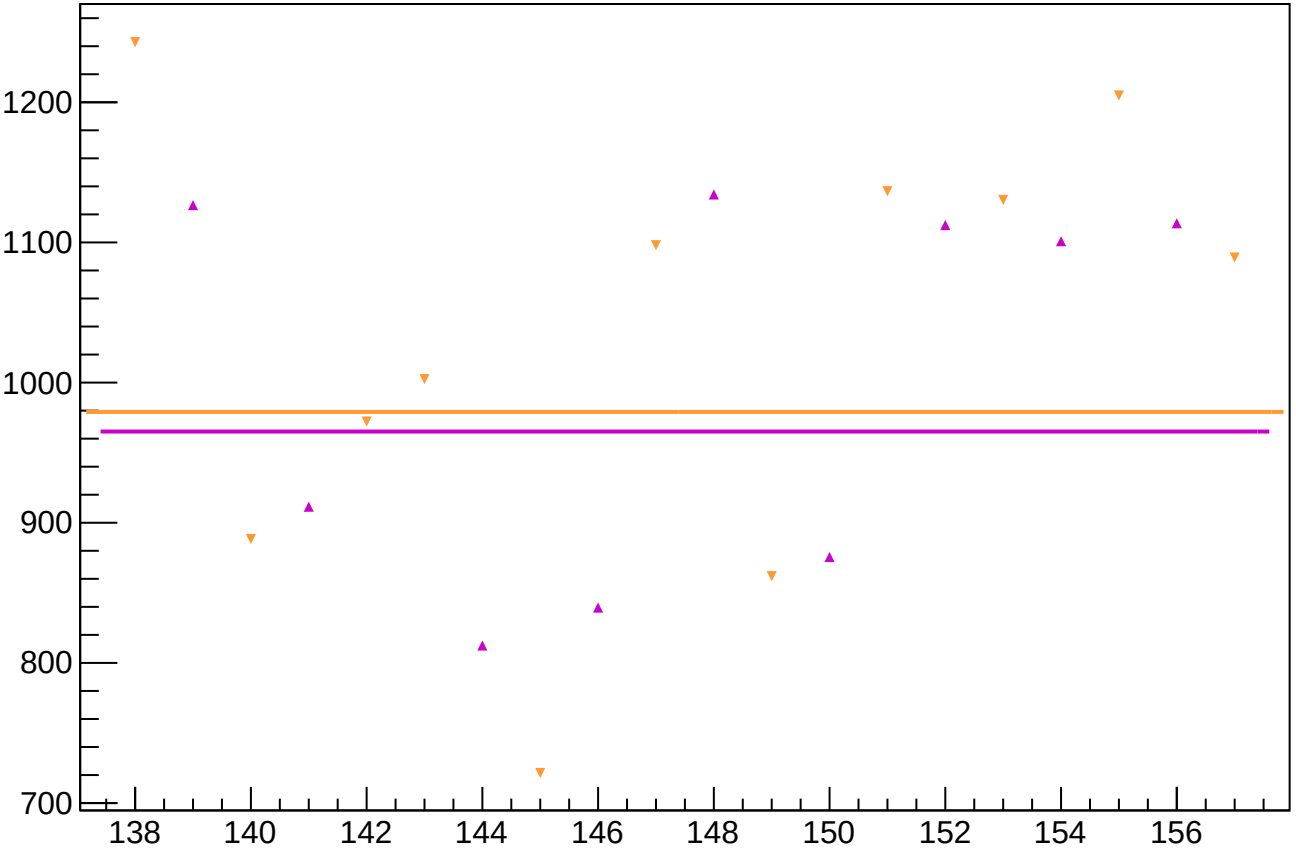
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -406.994+/-358.936 χ^2/NDF:6.3/8

Out: 1860.961+/-349.069 χ^2/NDF:16.7/10

All: 758.584+/-250.245 χ^2/NDF: 43.5/19

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 979.072+/-0.247 χ^2/NDF:455817.1/10

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

Left In: 965.083+/-0.254 χ^2/NDF:268527.8/8

Left: 972.272+/-0.177 χ^2/NDF: 725906.2/19

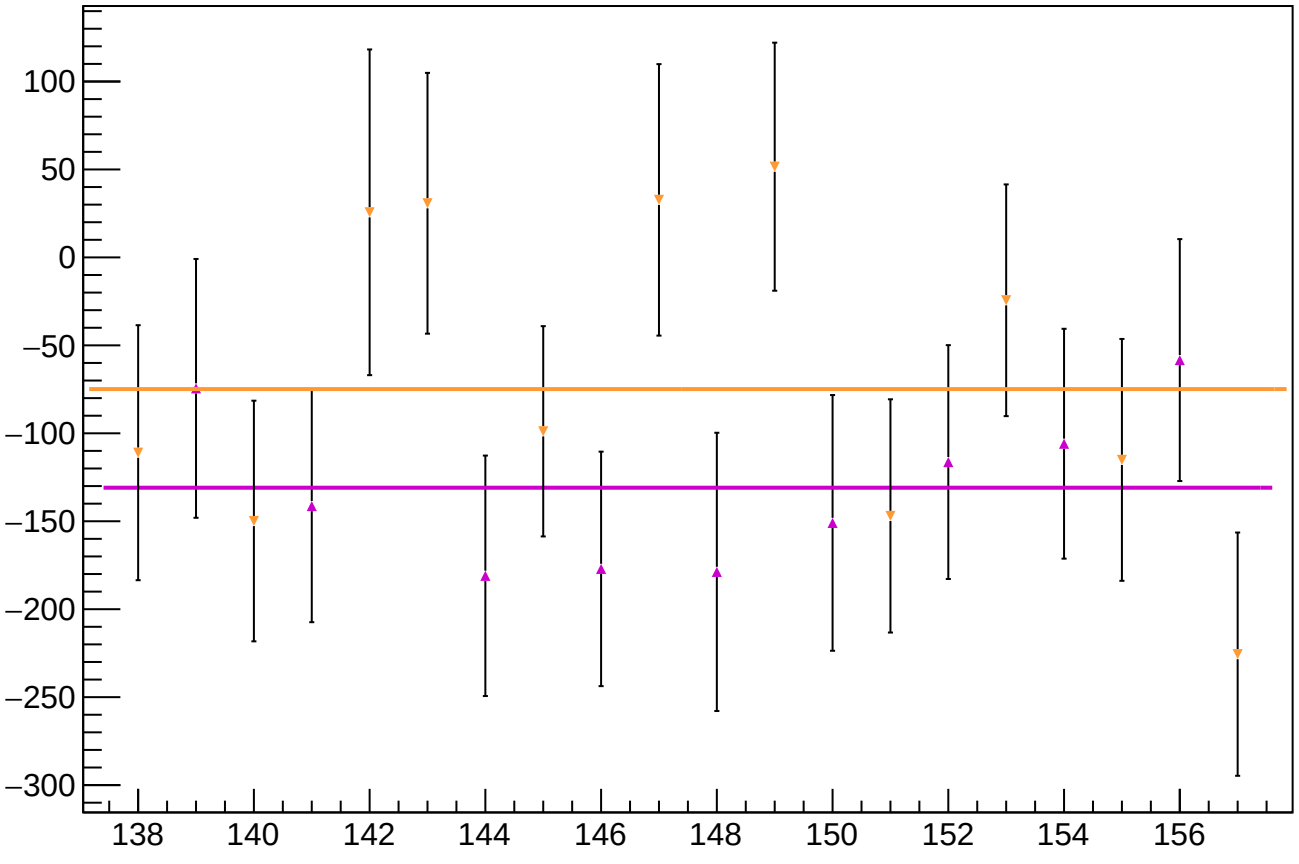
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 965.083+/-0.254 χ^2/NDF:268527.8/8

Out: 979.072+/-0.247 χ^2/NDF:455817.1/10

All: 972.272+/-0.177 χ^2/NDF: 725906.2/19

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: -74.855+/-21.175 χ^2/NDF:16.8/10

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

Left In: -130.931+/-23.097 χ^2/NDF:3.4/8

Left: -100.463+/-15.608 χ^2/NDF: 23.4/19

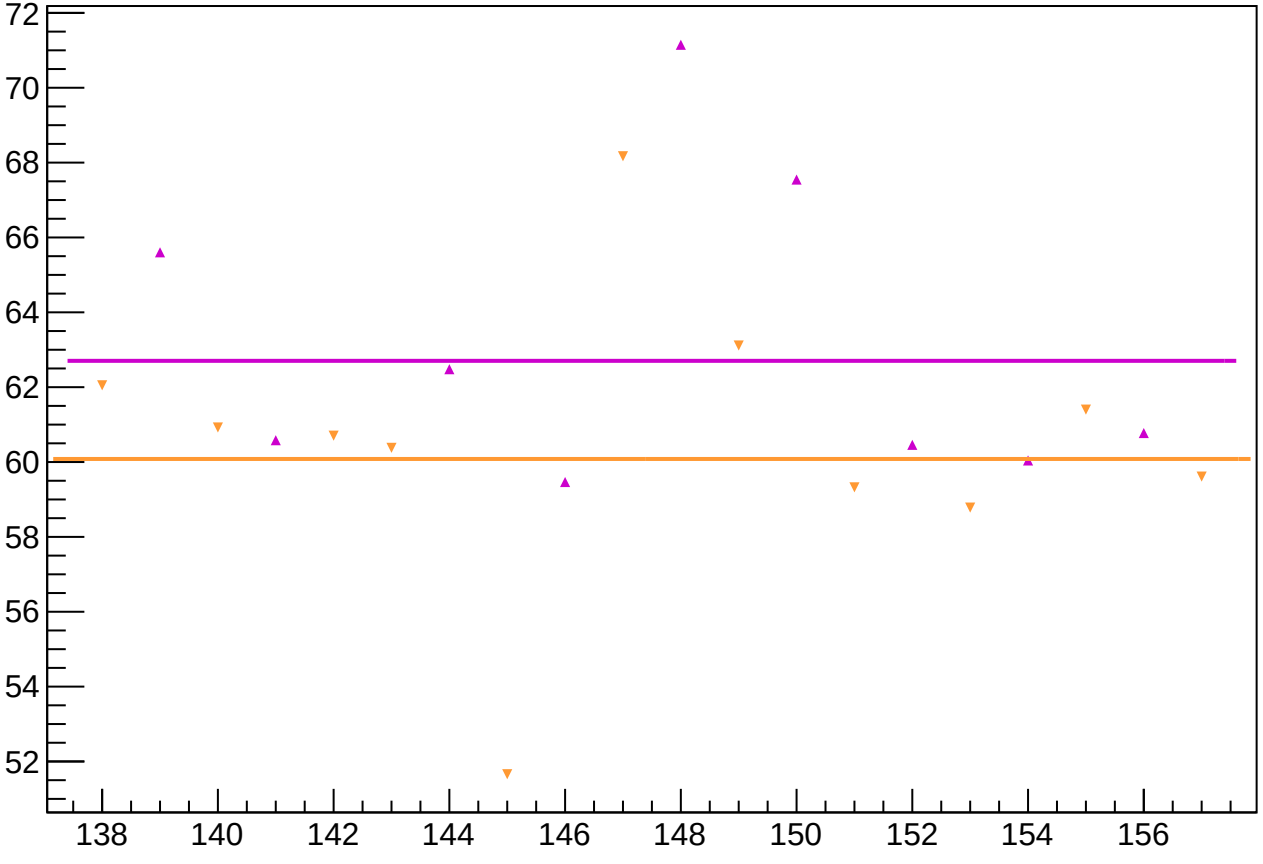
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -130.931+/-23.097 χ^2/NDF:3.4/8

Out: -74.855+/-21.175 χ^2/NDF:16.8/10

All: -100.463+/-15.608 χ^2/NDF: 23.4/19

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: 60.082+/-0.015 χ^2/NDF:69139.7/10

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

Left In: 62.704+/-0.016 χ^2/NDF:48760.5/8

Left: 61.279+/-0.011 χ^2/NDF: 131900.3/19

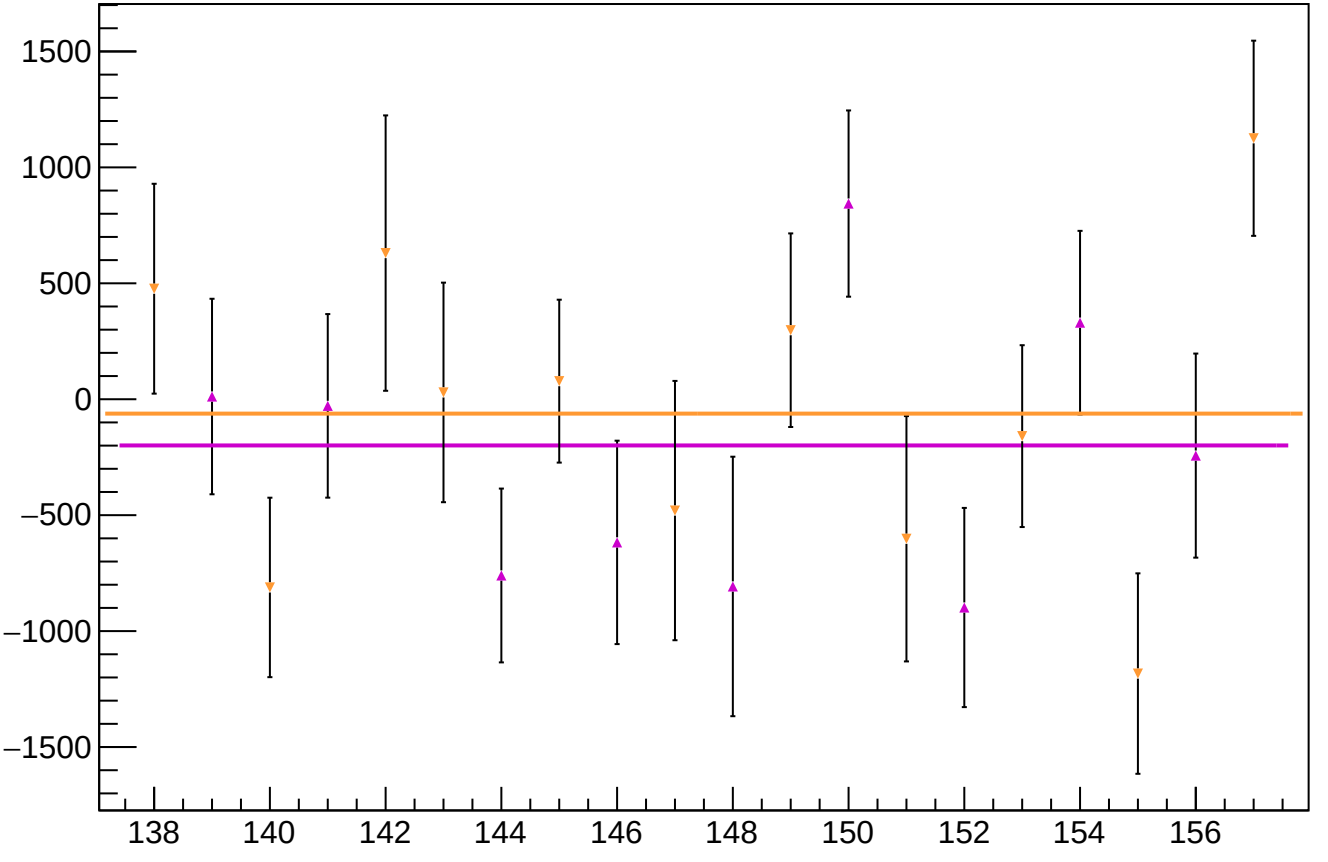
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.704+/-0.016 χ^2/NDF:48760.5/8

Out: 60.082+/-0.015 χ^2/NDF:69139.7/10

All: 61.279+/-0.011 χ^2/NDF: 131900.3/19

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: -62.013+/-132.491 χ^2/NDF:23.8/10

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

Left In: -199.277+/-140.475 χ^2/NDF:16.0/8

Left: -126.633+/-96.384 χ^2/NDF: 40.3/19

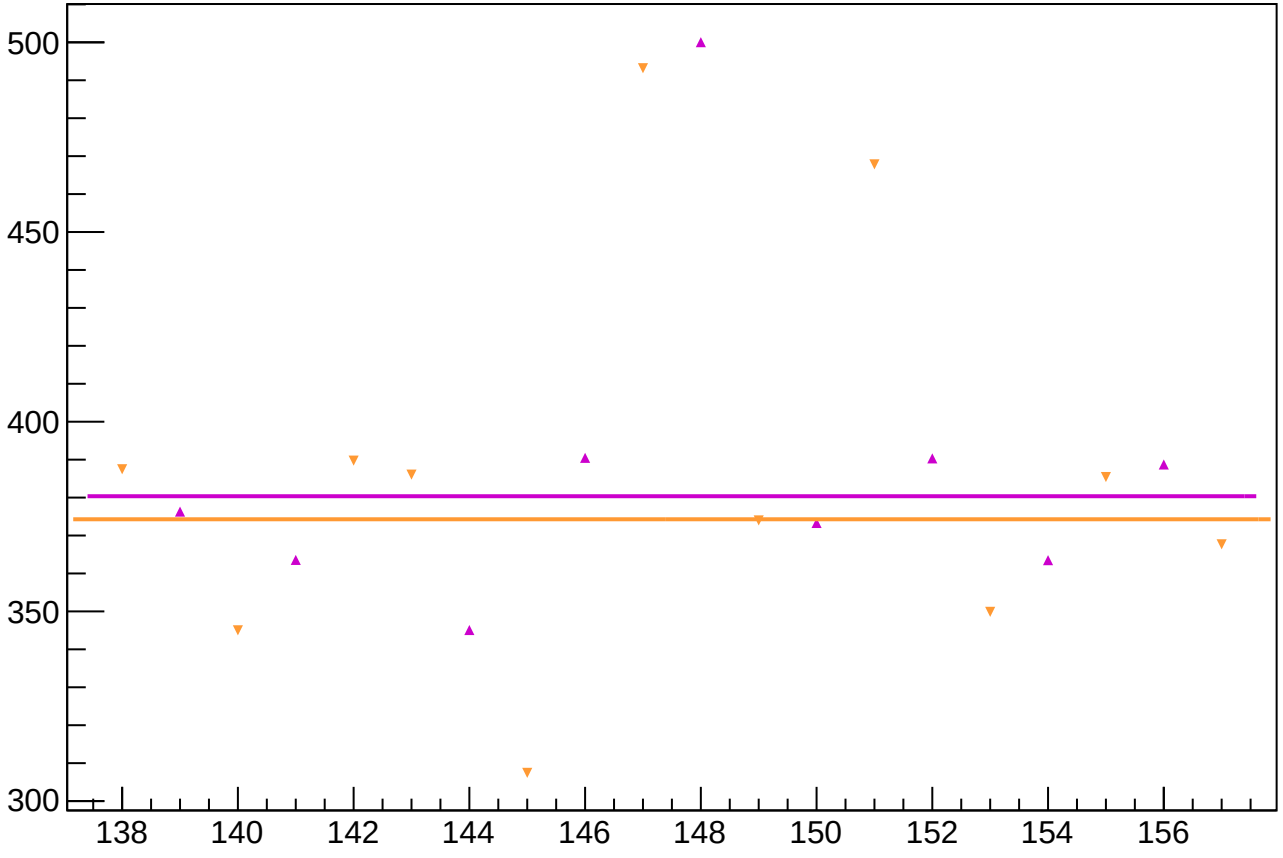
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -199.277+/-140.475 χ^2/NDF:16.0/8

Out: -62.013+/-132.491 χ^2/NDF:23.8/10

All: -126.633+/-96.384 χ^2/NDF: 40.3/19

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: 374.283+/-0.094 χ^2/NDF:250657.3/10

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

Left In: 380.358+/-0.099 χ^2/NDF:120067.9/8

Left: 377.143+/-0.068 χ^2/NDF: 372705.3/19

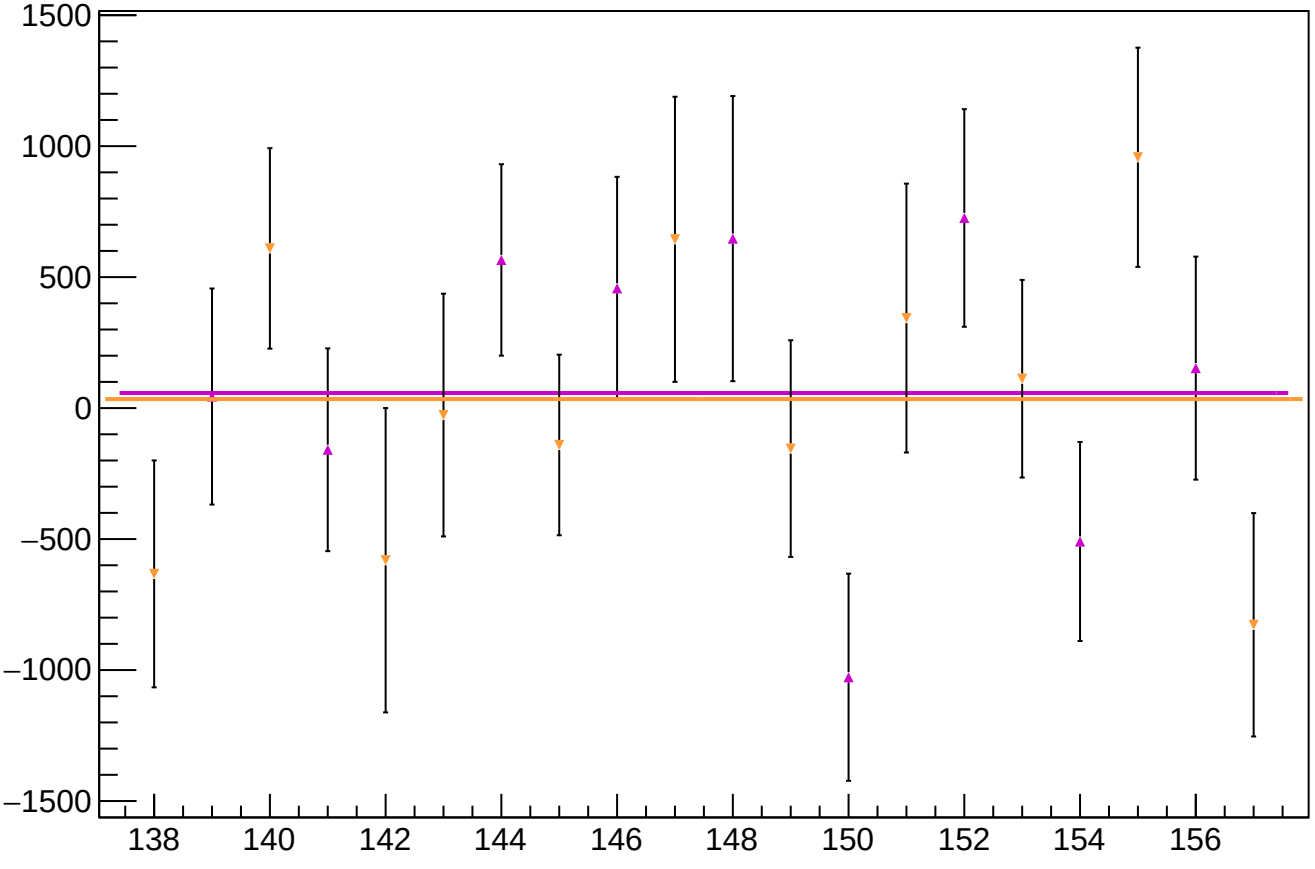
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 380.358+/-0.099 χ^2/NDF:120067.9/8

Out: 374.283+/-0.094 χ^2/NDF:250657.3/10

All: 377.143+/-0.068 χ^2/NDF: 372705.3/19

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: 34.381+/-129.686 χ^2/NDF:16.9/10

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

Left In: 57.688+/-136.615 χ^2/NDF:16.7/8

Left: 45.428+/-94.056 χ^2/NDF: 33.6/19

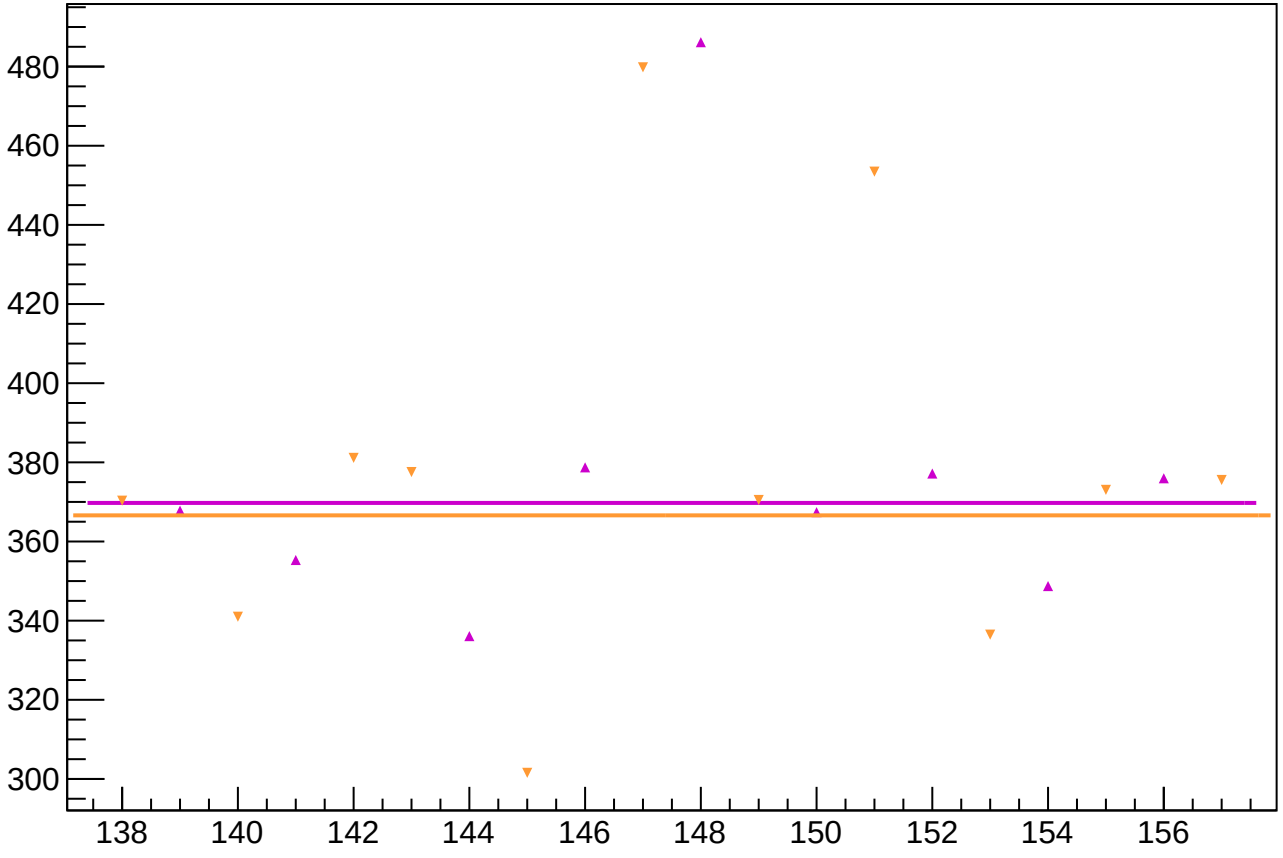
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 57.688+/-136.615 χ^2/NDF:16.7/8

Out: 34.381+/-129.686 χ^2/NDF:16.9/10

All: 45.428+/-94.056 χ^2/NDF: 33.6/19

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 366.607+/-0.092 χ^2/NDF:240811.3/10

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

Left In: 369.747+/-0.097 χ^2/NDF:119454.0/8

Left: 368.095+/-0.067 χ^2/NDF: 360821.2/19

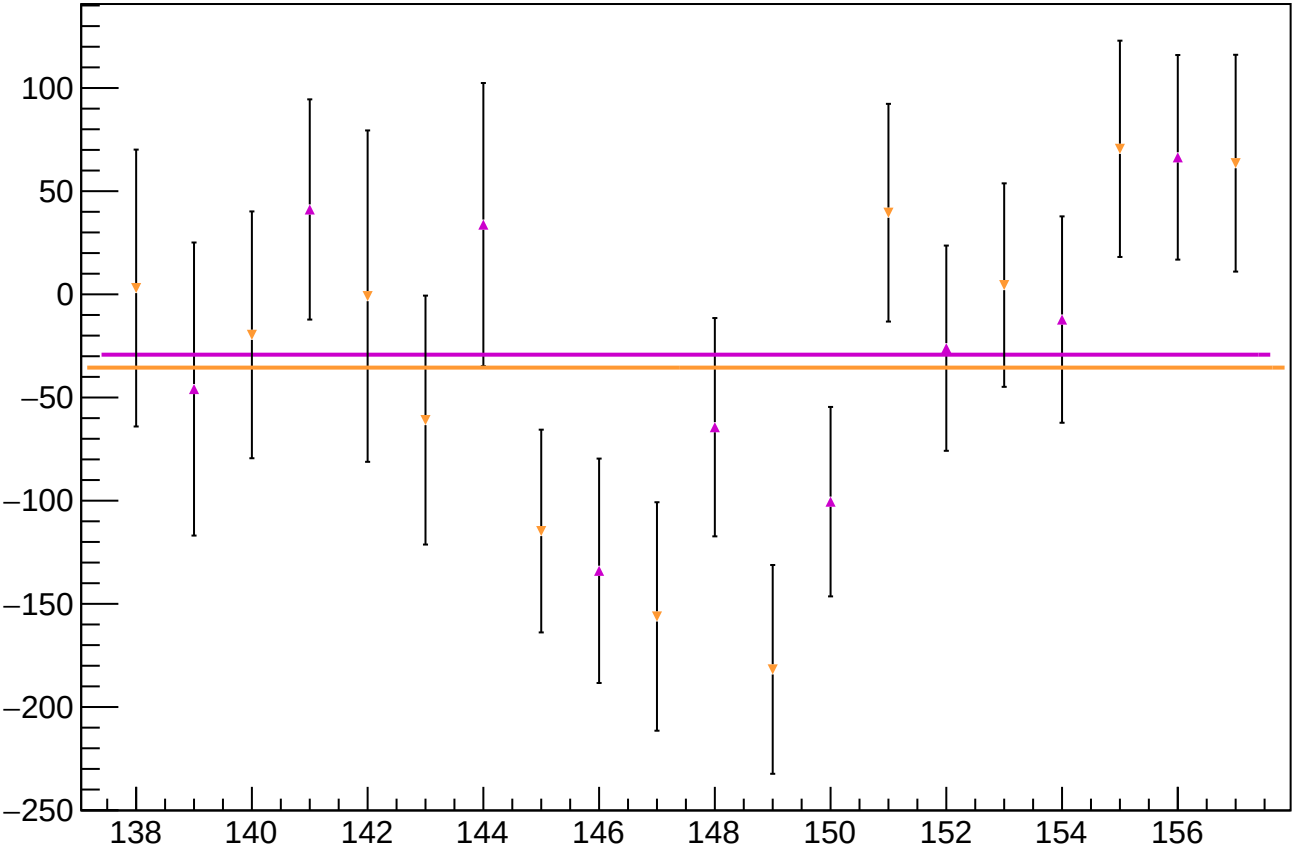
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 369.747+/-0.097 χ^2/NDF:119454.0/8

Out: 366.607+/-0.092 χ^2/NDF:240811.3/10

All: 368.095+/-0.067 χ^2/NDF: 360821.2/19

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: -35.508+/-16.762 χ^2/NDF:26.8/10

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

Left In: -29.241+/-17.838 χ^2/NDF:13.0/8

Left: -32.569+/-12.215 χ^2/NDF: 39.9/19

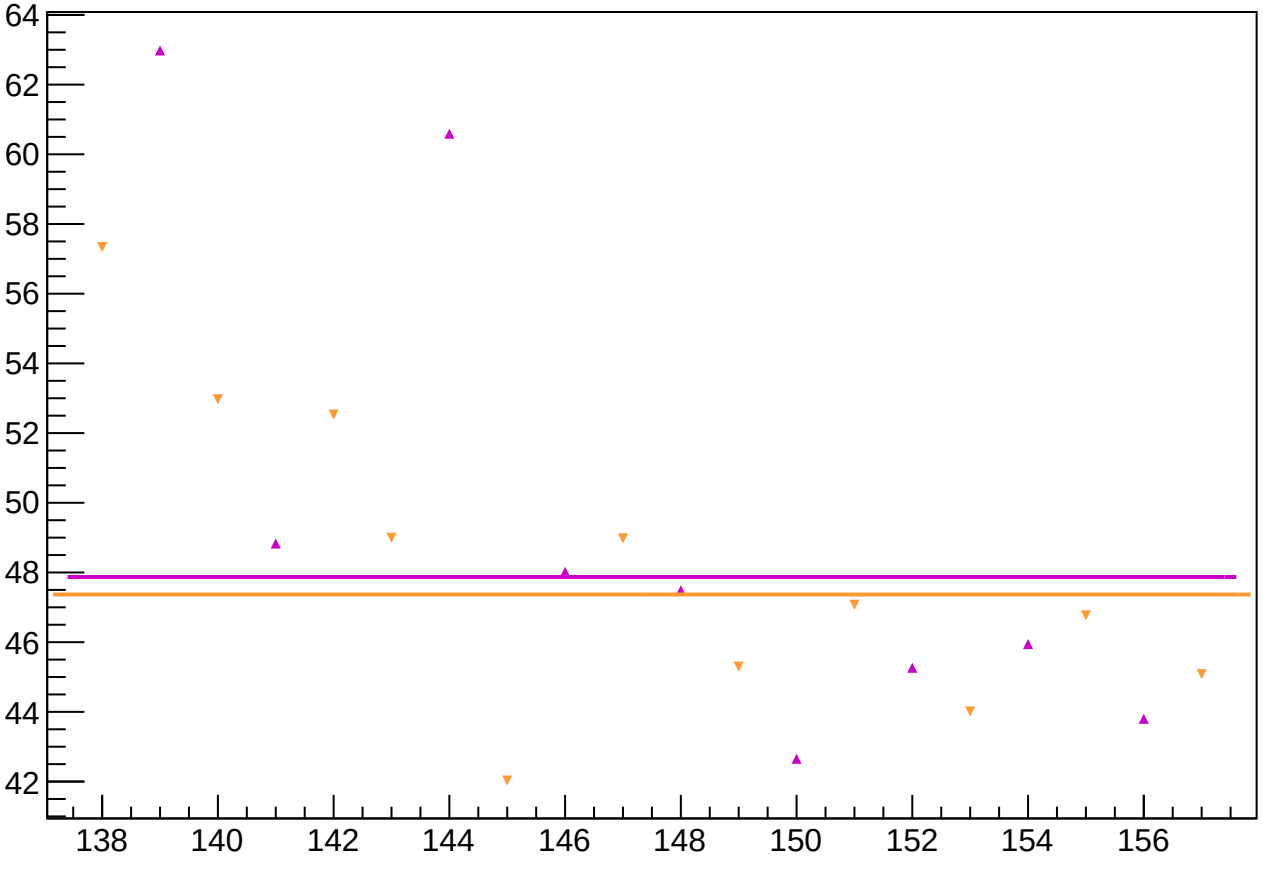
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -29.241+/-17.838 χ^2/NDF:13.0/8

Out: -35.508+/-16.762 χ^2/NDF:26.8/10

All: -32.569+/-12.215 χ^2/NDF: 39.9/19

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: 47.368+/-0.012 χ^2/NDF:113474.9/10

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

Left In: 47.870+/-0.013 χ^2/NDF:207790.7/8

Left: 47.603+/-0.009 χ^2/NDF: 322105.8/19

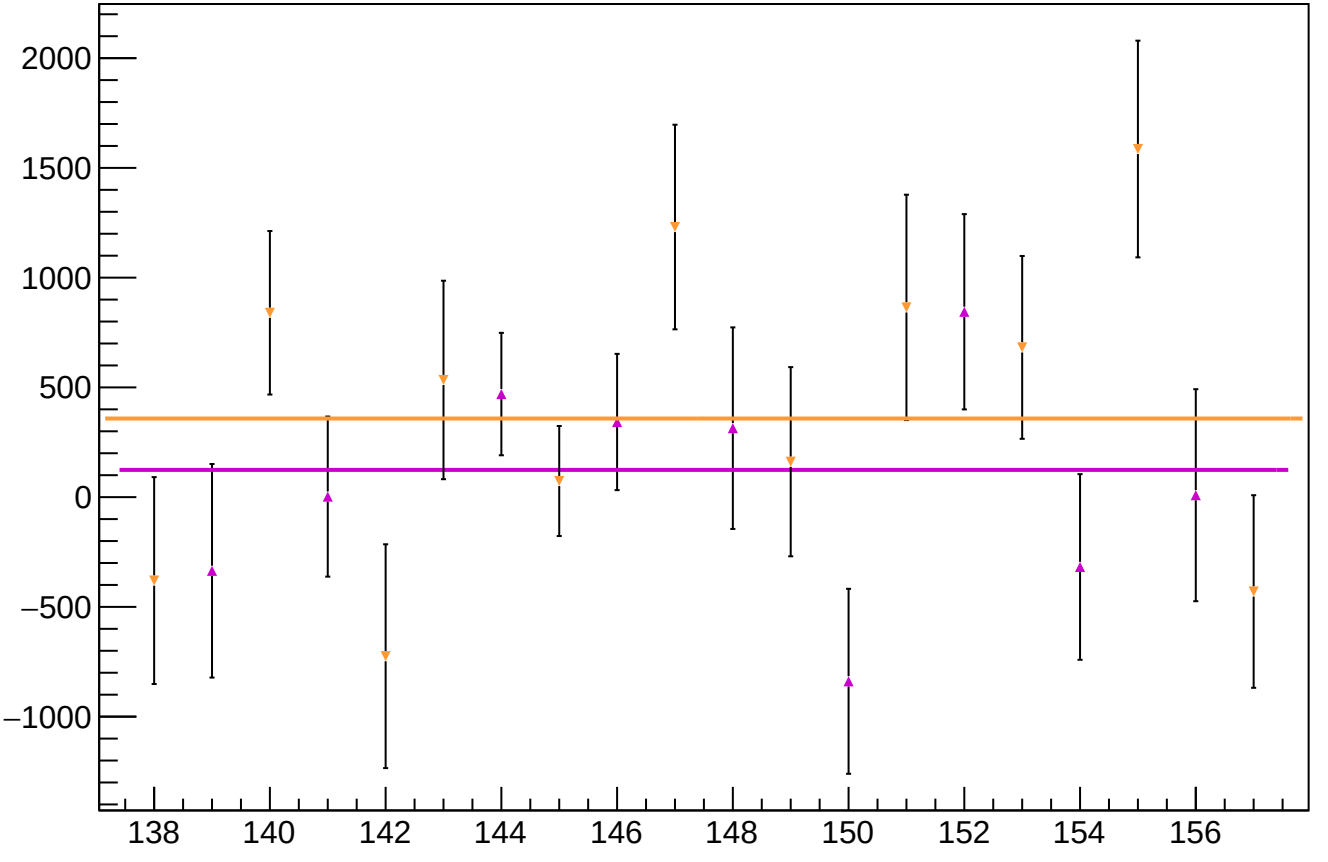
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 47.870+/-0.013 χ^2/NDF:207790.7/8

Out: 47.368+/-0.012 χ^2/NDF:113474.9/10

All: 47.603+/-0.009 χ^2/NDF: 322105.8/19

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: 358.232+/-123.839 χ^2/NDF:24.8/10

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

Left In: 124.134+/-128.796 χ^2/NDF:12.2/8

Left: 245.774+/-89.268 χ^2/NDF: 38.7/19

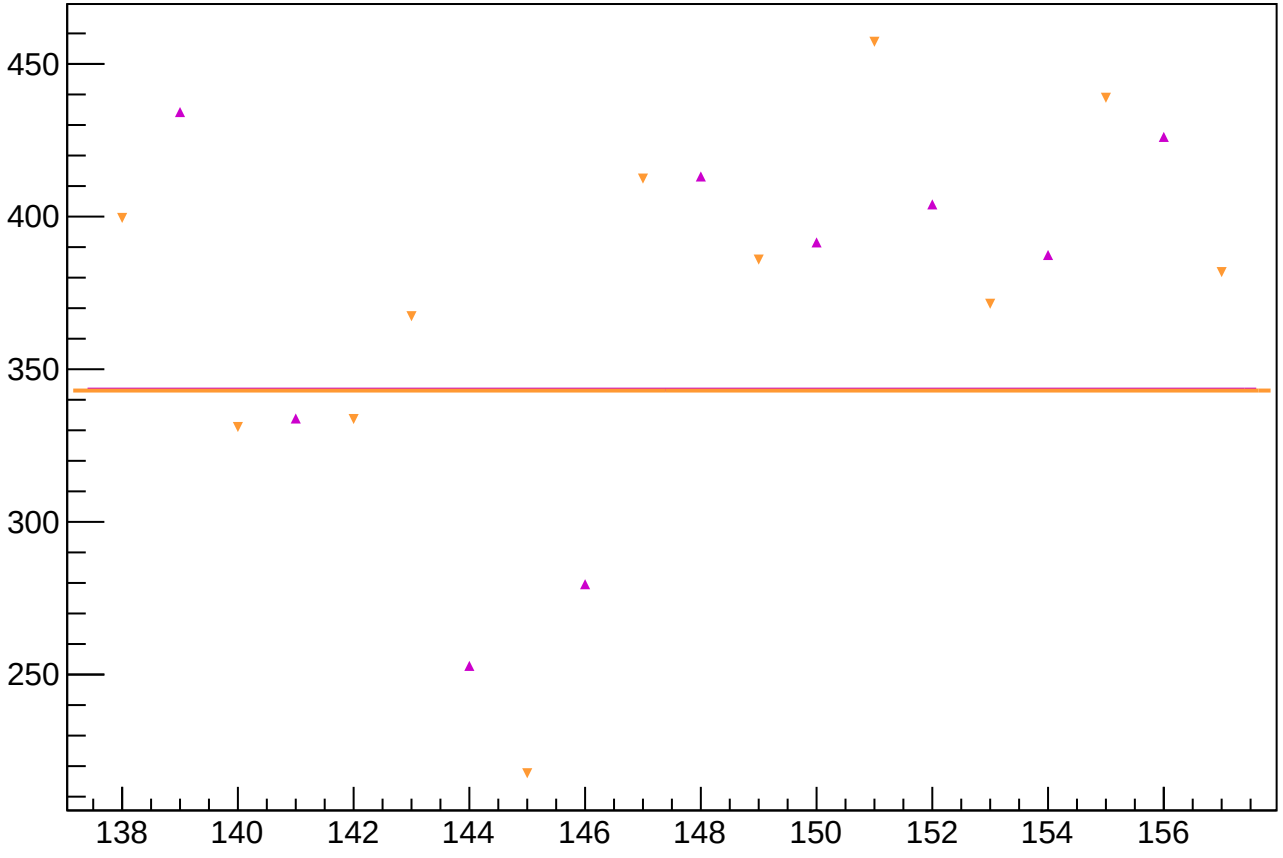
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 124.134+/-128.796 χ^2/NDF:12.2/8

Out: 358.232+/-123.839 χ^2/NDF:24.8/10

All: 245.774+/-89.268 χ^2/NDF: 38.7/19

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: 343.021+/-0.088 χ^2/NDF:801033.5/10

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

Left In: 343.313+/-0.091 χ^2/NDF:556147.3/8

Left: 343.161+/-0.063 χ^2/NDF: 1357186.2/19

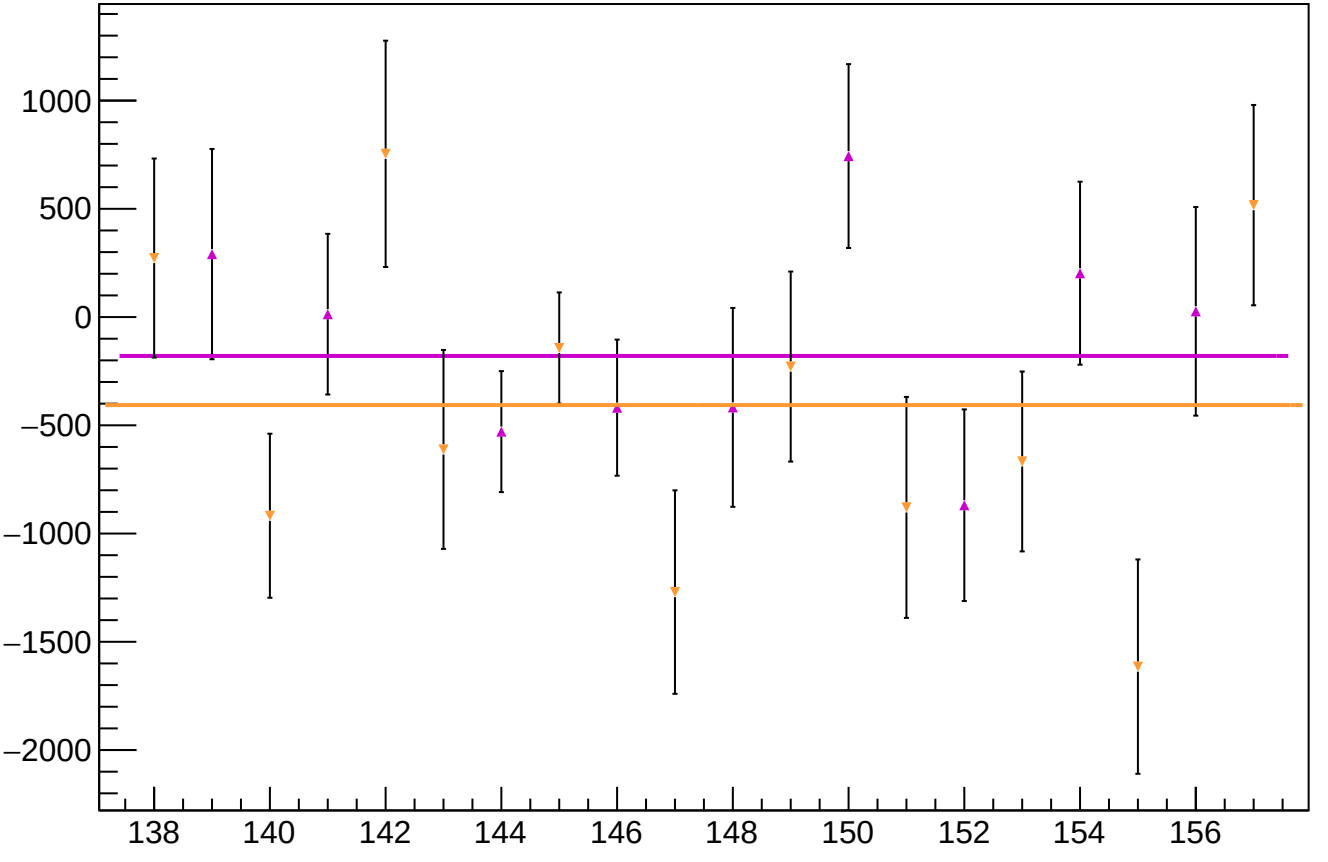
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 343.313+/-0.091 χ^2/NDF:556147.3/8

Out: 343.021+/-0.088 χ^2/NDF:801033.5/10

All: 343.161+/-0.063 χ^2/NDF: 1357186.2/19

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -406.584+/-125.638 χ^2/NDF:24.9/10

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

Left In: -179.554+/-129.399 χ^2/NDF:11.8/8

Left: -296.416+/-90.140 χ^2/NDF: 38.3/19

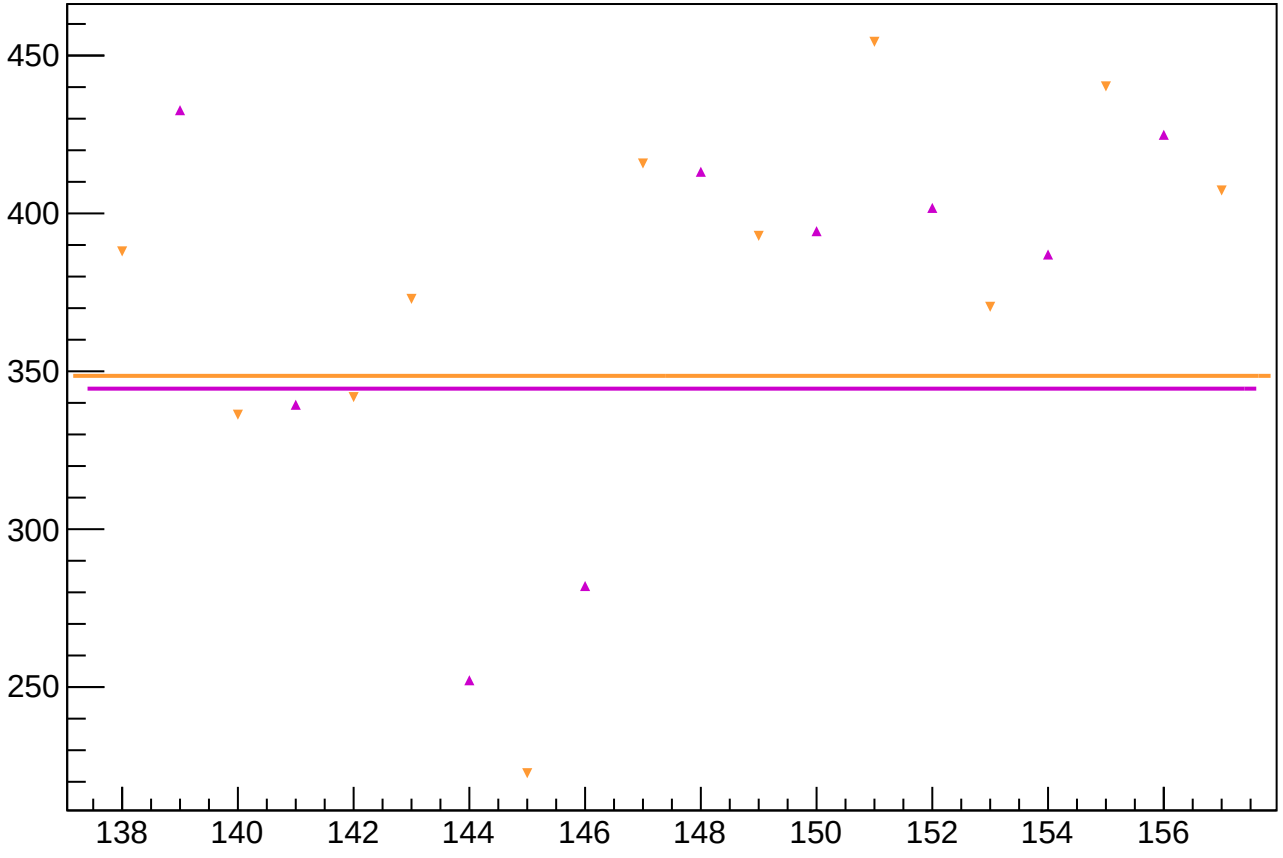
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -179.554+/-129.399 χ^2/NDF:11.8/8

Out: -406.584+/-125.638 χ^2/NDF:24.9/10

All: -296.416+/-90.140 χ^2/NDF: 38.3/19

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 348.560+/-0.089 χ^2/NDF:756399.4/10

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

Left In: 344.506+/-0.091 χ^2/NDF:545476.5/8

Left: 346.593+/-0.064 χ^2/NDF: 1302885.9/19

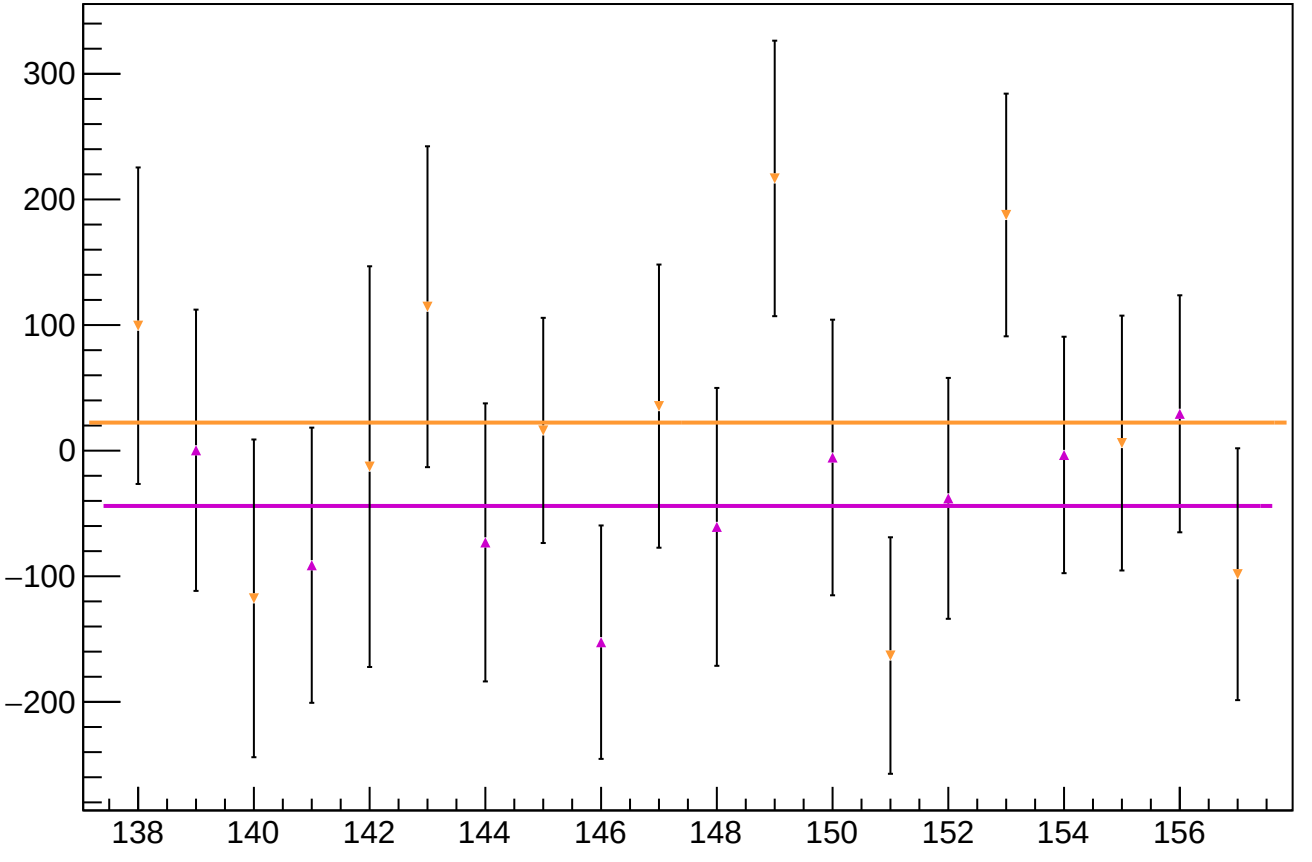
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 344.506+/-0.091 χ^2/NDF:545476.5/8

Out: 348.560+/-0.089 χ^2/NDF:756399.4/10

All: 346.593+/-0.064 χ^2/NDF: 1302885.9/19

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: 22.351+/-32.807 χ^2/NDF:13.6/10

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

Left In: -44.014+/-34.113 χ^2/NDF:2.7/8

Left: -9.538+/-23.646 χ^2/NDF: 18.3/19

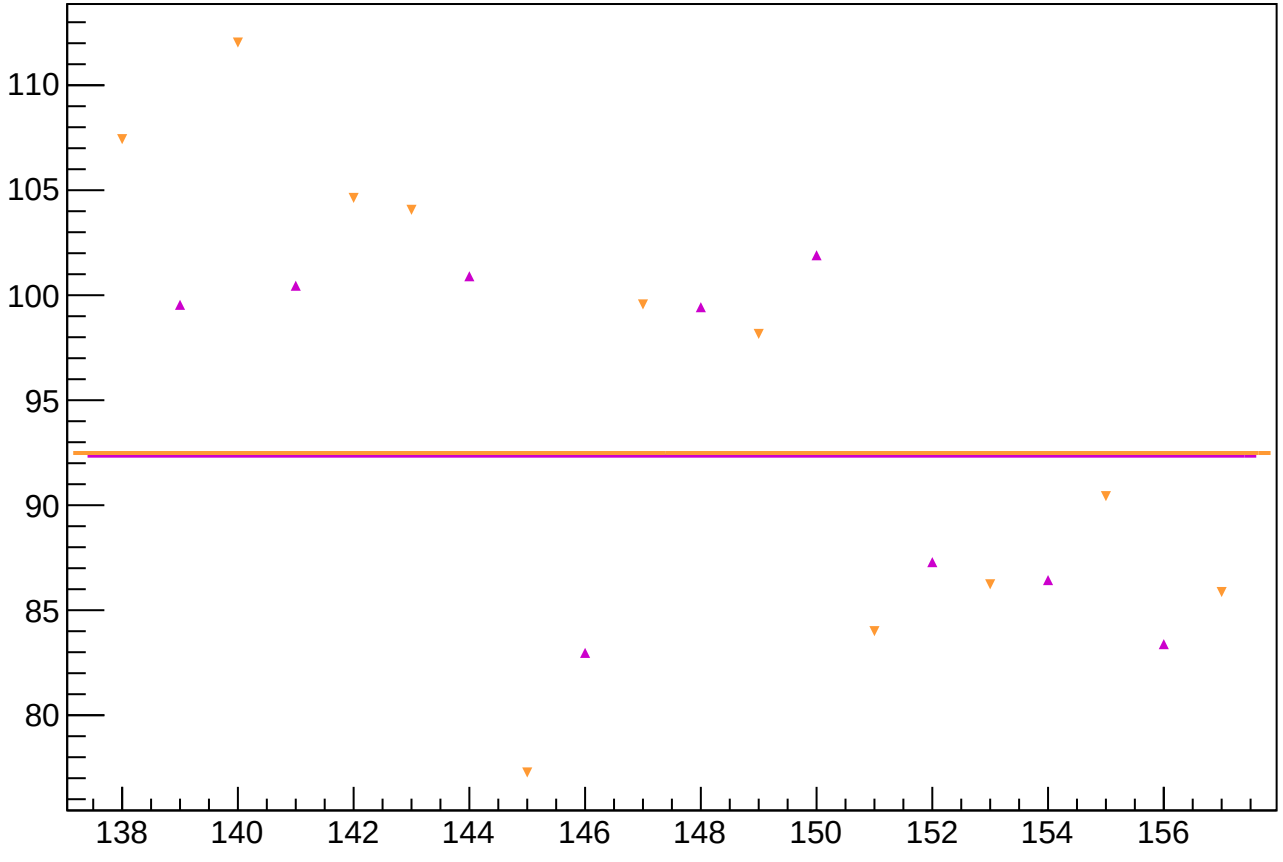
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -44.014+/-34.113 χ^2/NDF:2.7/8

Out: 22.351+/-32.807 χ^2/NDF:13.6/10

All: -9.538+/-23.646 χ^2/NDF: 18.3/19

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: 92.486+/-0.023 χ^2/NDF:208949.9/10

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

Left In: 92.359+/-0.024 χ^2/NDF:106421.1/8

Left: 92.425+/-0.017 χ^2/NDF: 315385.4/19

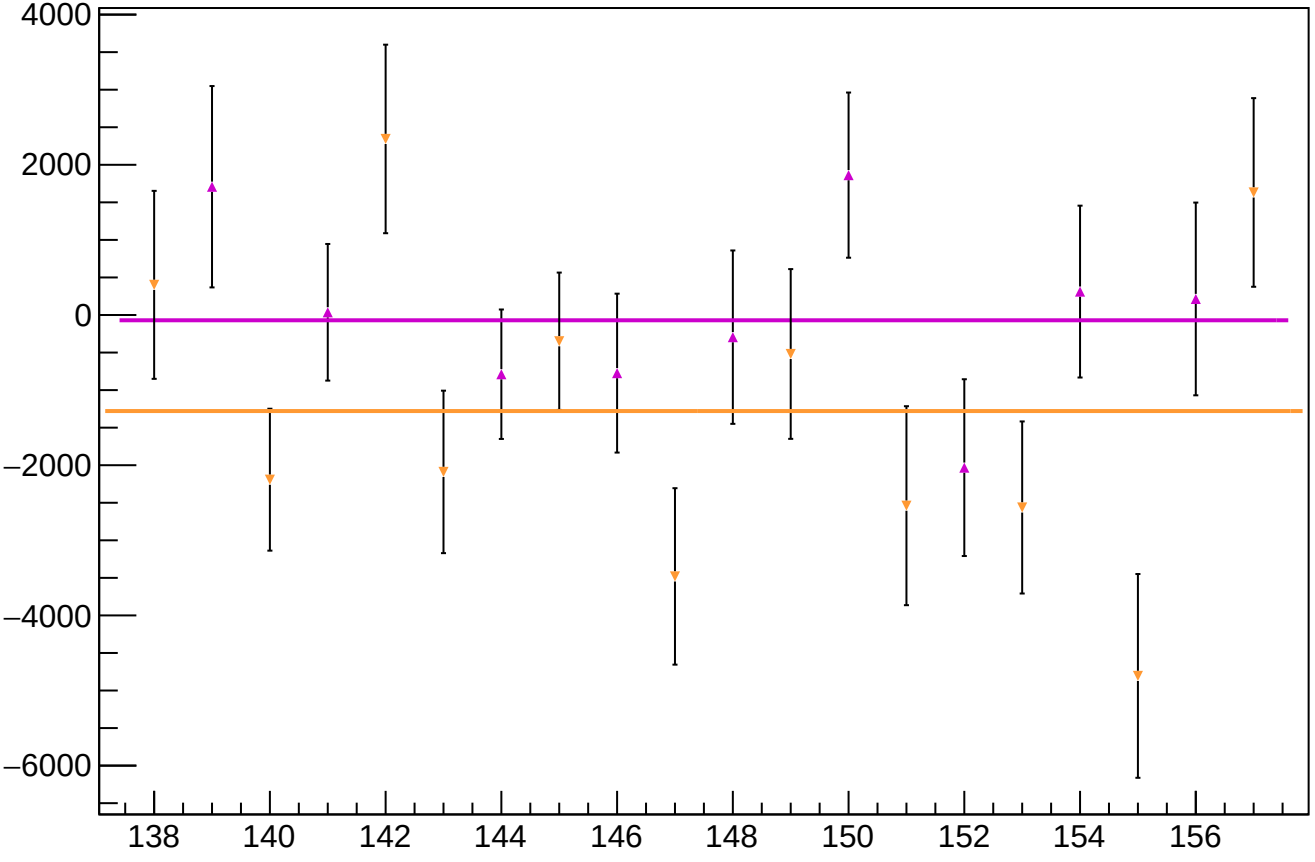
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 92.359+/-0.024 χ^2/NDF:106421.1/8

Out: 92.486+/-0.023 χ^2/NDF:208949.9/10

All: 92.425+/-0.017 χ^2/NDF: 315385.4/19

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: -1278.884+/-343.799 χ^2/NDF:30.9/10

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

Left In: -70.249+/-360.955 χ^2/NDF:9.0/8

Left: -703.971+/-248.947 χ^2/NDF: 45.8/19

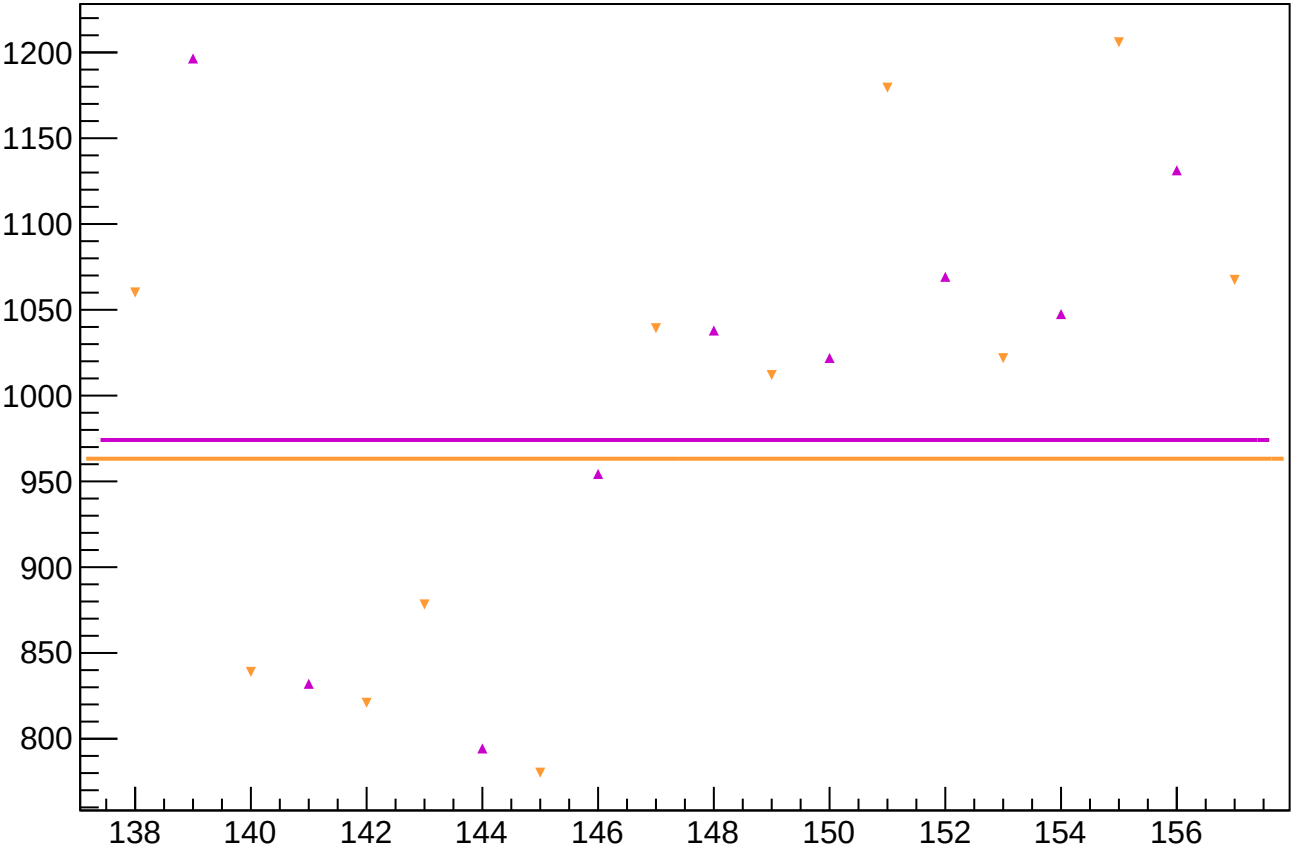
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -70.249+/-360.955 χ^2/NDF:9.0/8

Out: -1278.884+/-343.799 χ^2/NDF:30.9/10

All: -703.971+/-248.947 χ^2/NDF: 45.8/19

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: 963.219+/-0.243 χ^2/NDF:313068.7/10

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

Left In: 974.132+/-0.255 χ^2/NDF:252701.9/8

Left: 968.410+/-0.176 χ^2/NDF: 566729.3/19

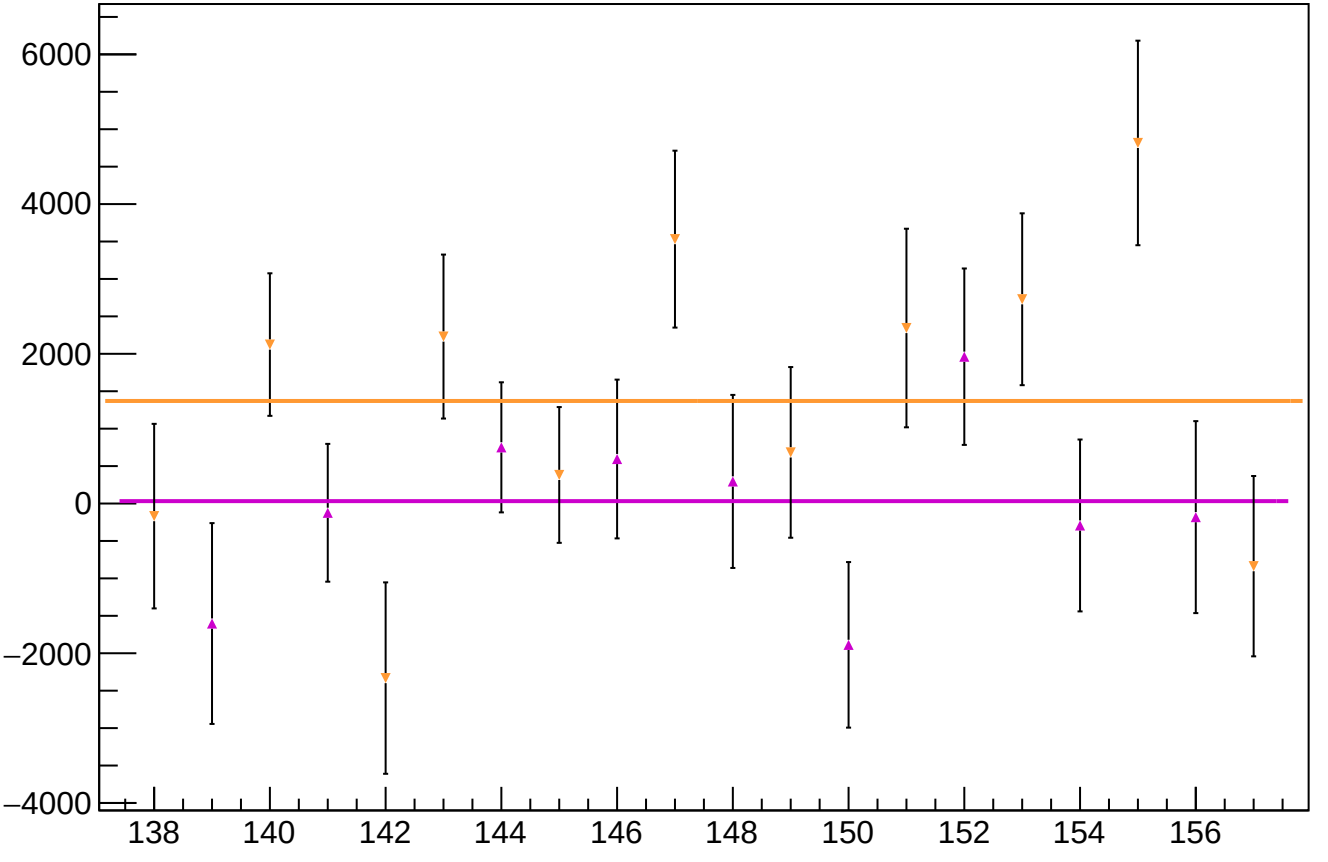
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 974.132+/-0.255 χ^2/NDF:252701.9/8

Out: 963.219+/-0.243 χ^2/NDF:313068.7/10

All: 968.410+/-0.176 χ^2/NDF: 566729.3/19

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 1370.000+/-343.795 χ^2/NDF:27.7/10

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

Left In: 32.000+/-362.664 χ^2/NDF:8.3/8

Left: 736.710+/-249.504 χ^2/NDF: 43.2/19

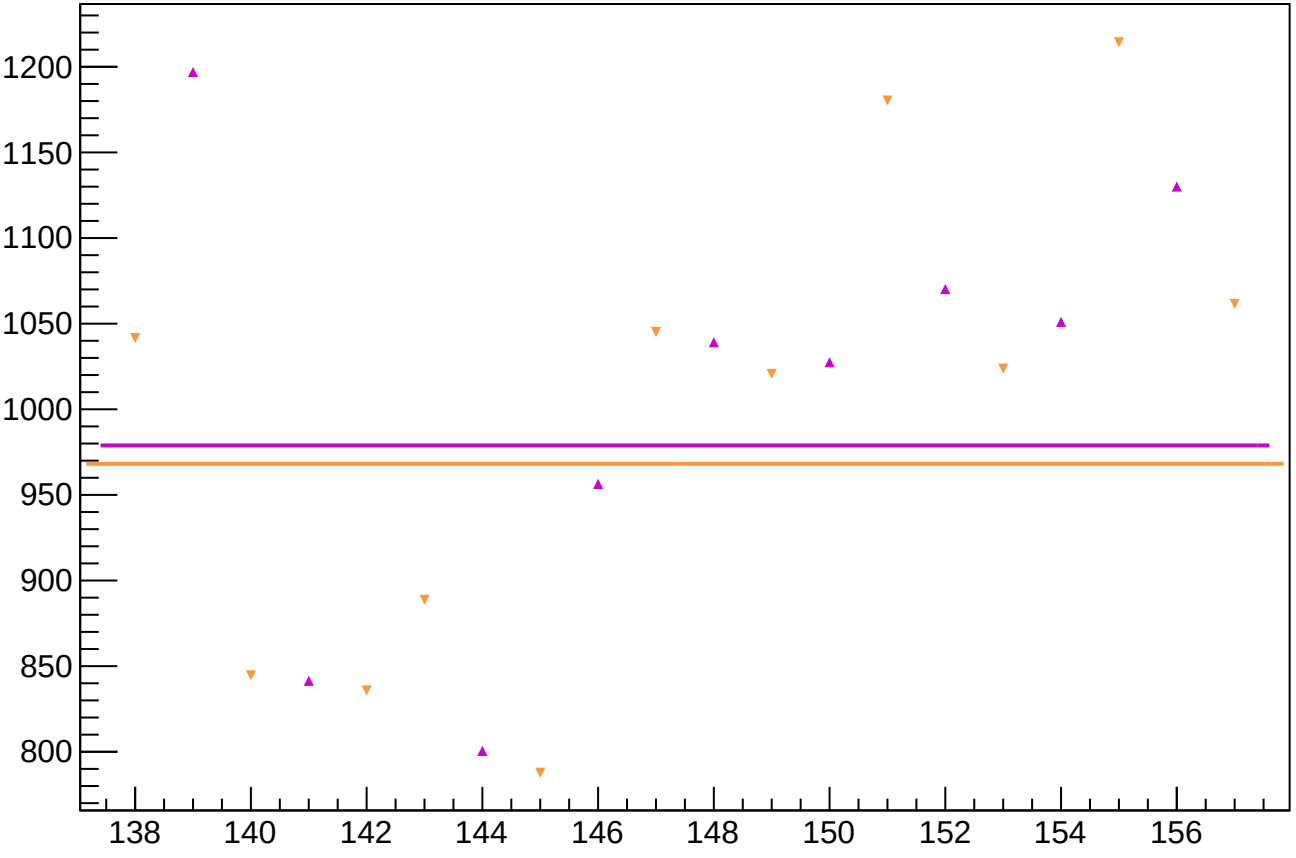
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 32.000+/-362.664 χ^2/NDF:8.3/8

Out: 1370.000+/-343.795 χ^2/NDF:27.7/10

All: 736.710+/-249.504 χ^2/NDF: 43.2/19

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 968.166+/-0.243 χ^2/NDF:297332.3/10

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

Left In: 978.896+/-0.256 χ^2/NDF:239636.1/8

Left: 973.245+/-0.176 χ^2/NDF: 537890.6/19

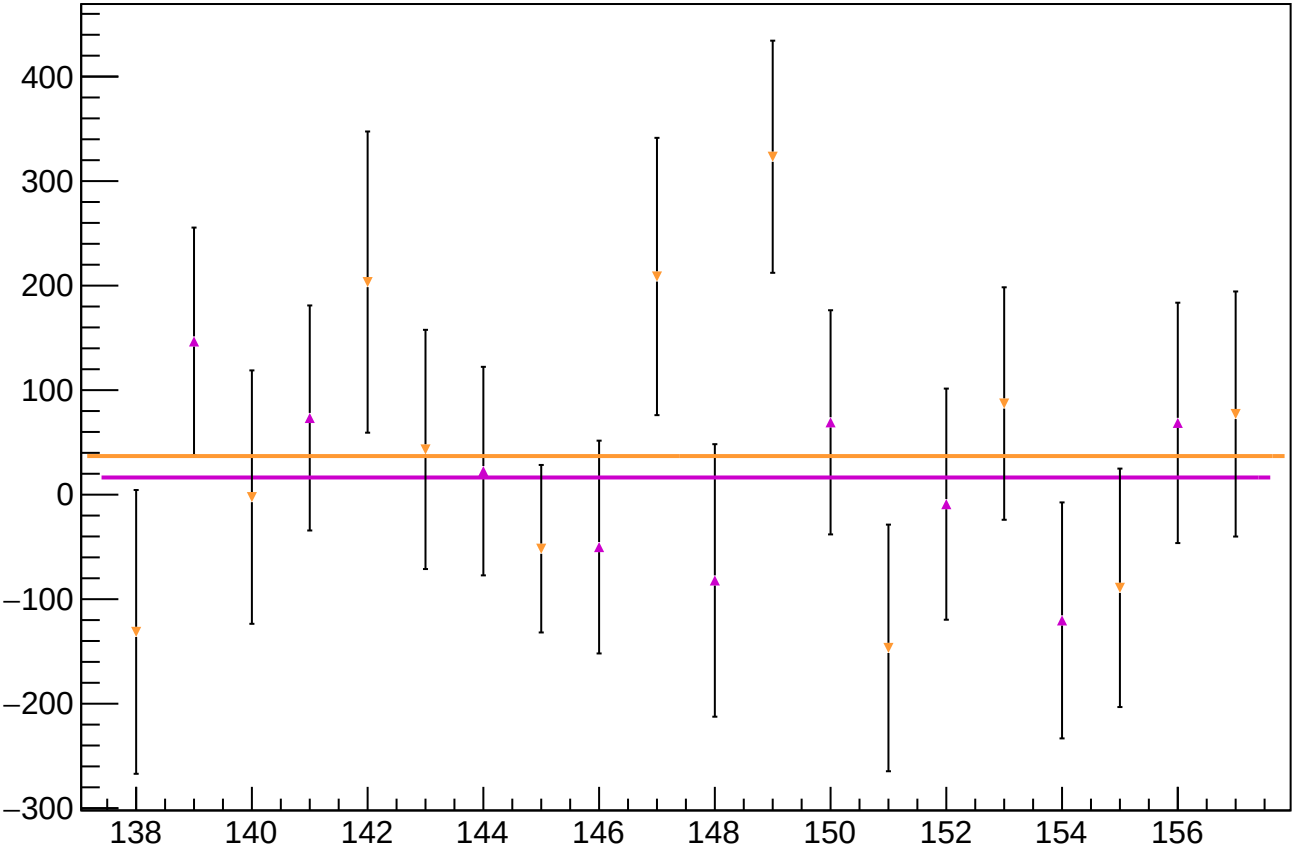
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 978.896+/-0.256 χ^2/NDF:239636.1/8

Out: 968.166+/-0.243 χ^2/NDF:297332.3/10

All: 973.245+/-0.176 χ^2/NDF: 537890.6/19

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: 36.920+/-34.446 χ^2/NDF:16.5/10

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

Left In: 16.433+/-36.533 χ^2/NDF:4.7/8

Left: 27.279+/-25.062 χ^2/NDF: 21.3/19

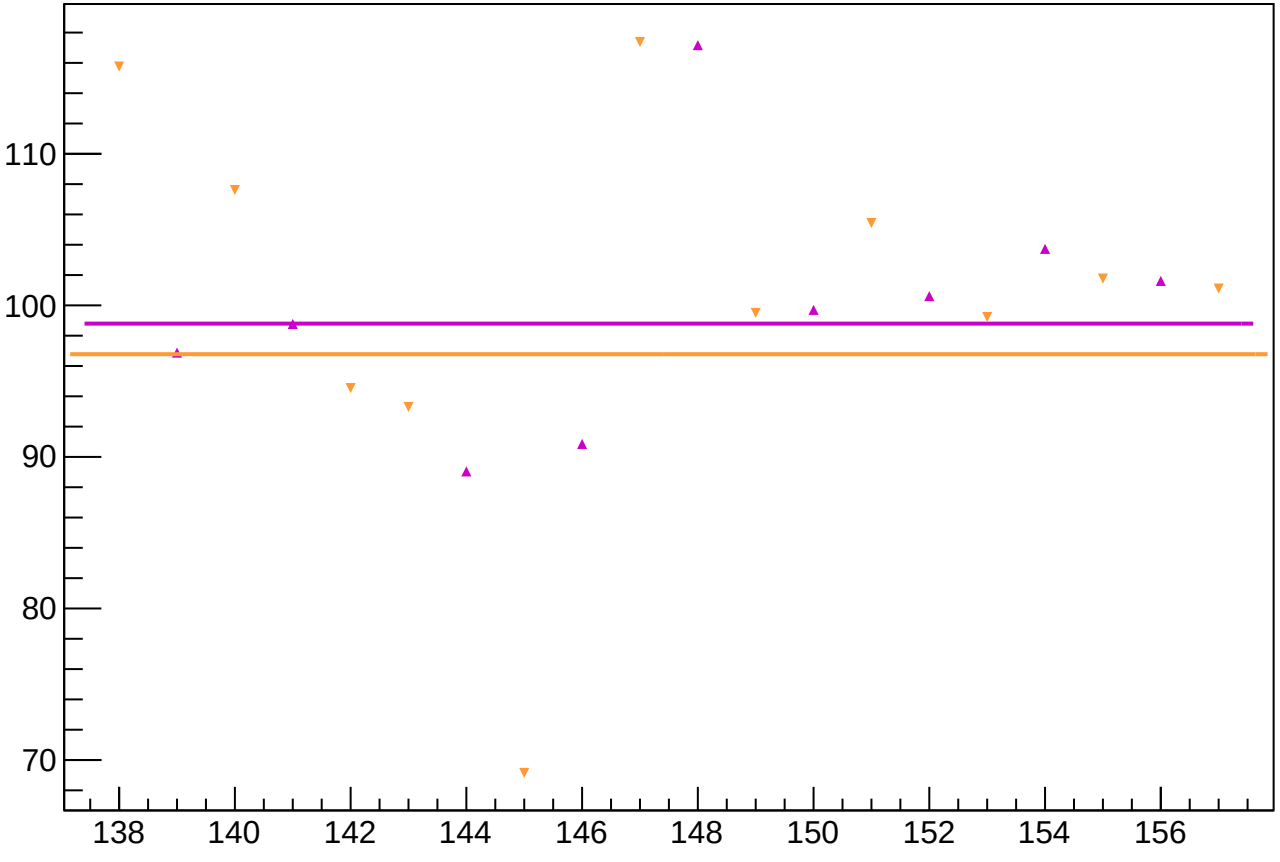
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.433+/-36.533 χ^2/NDF:4.7/8

Out: 36.920+/-34.446 χ^2/NDF:16.5/10

All: 27.279+/-25.062 χ^2/NDF: 21.3/19

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: 96.779+/-0.024 χ^2/NDF:362901.7/10

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

Left In: 98.796+/-0.026 χ^2/NDF:77327.3/8

Left: 97.728+/-0.018 χ^2/NDF: 443457.1/19

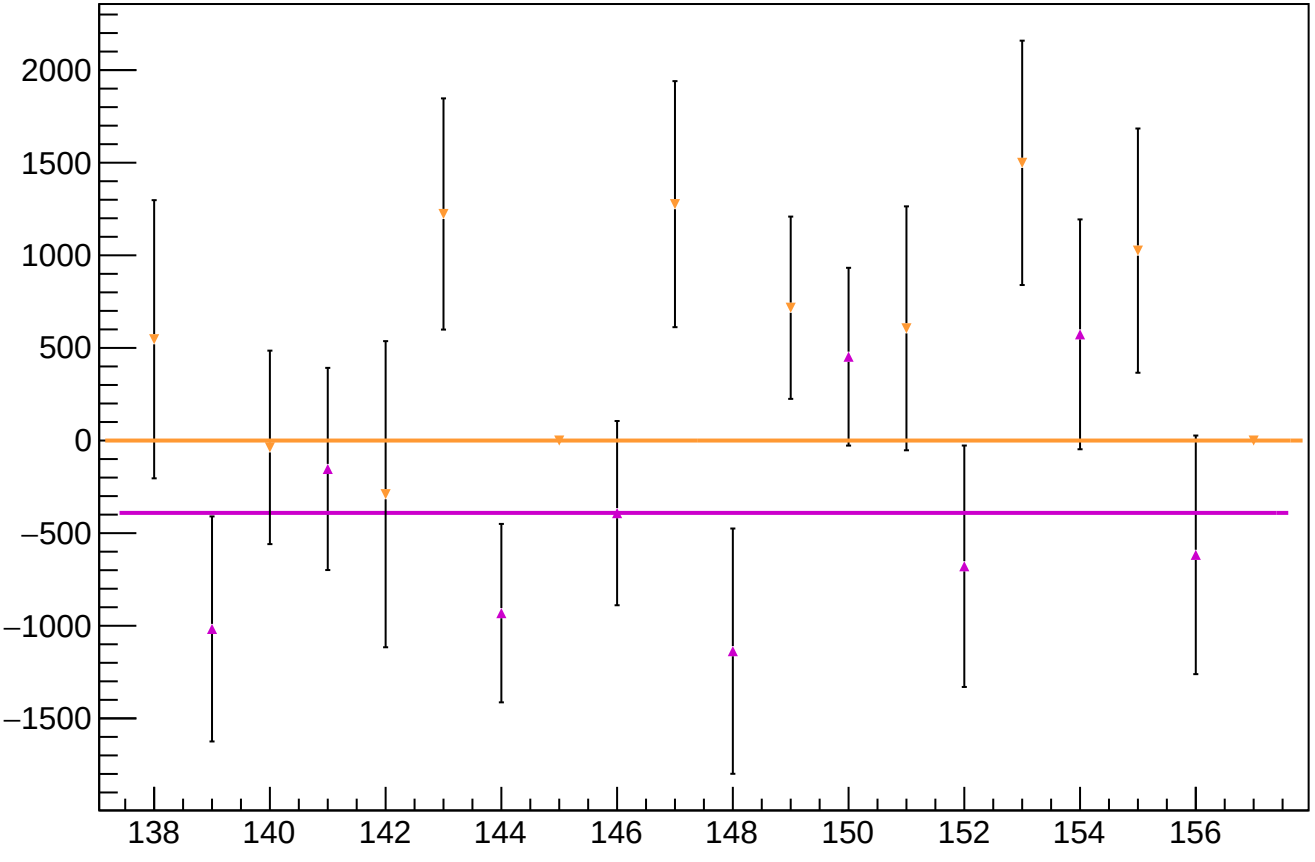
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 98.796+/-0.026 χ^2/NDF:77327.3/8

Out: 96.779+/-0.024 χ^2/NDF:362901.7/10

All: 97.728+/-0.018 χ^2/NDF: 443457.1/19

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:19.0/10

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

Left In: -390.636+/-187.628 χ^2/NDF:9.6/8

Left: -0.000+/-0.000 χ^2/NDF: 33.0/19

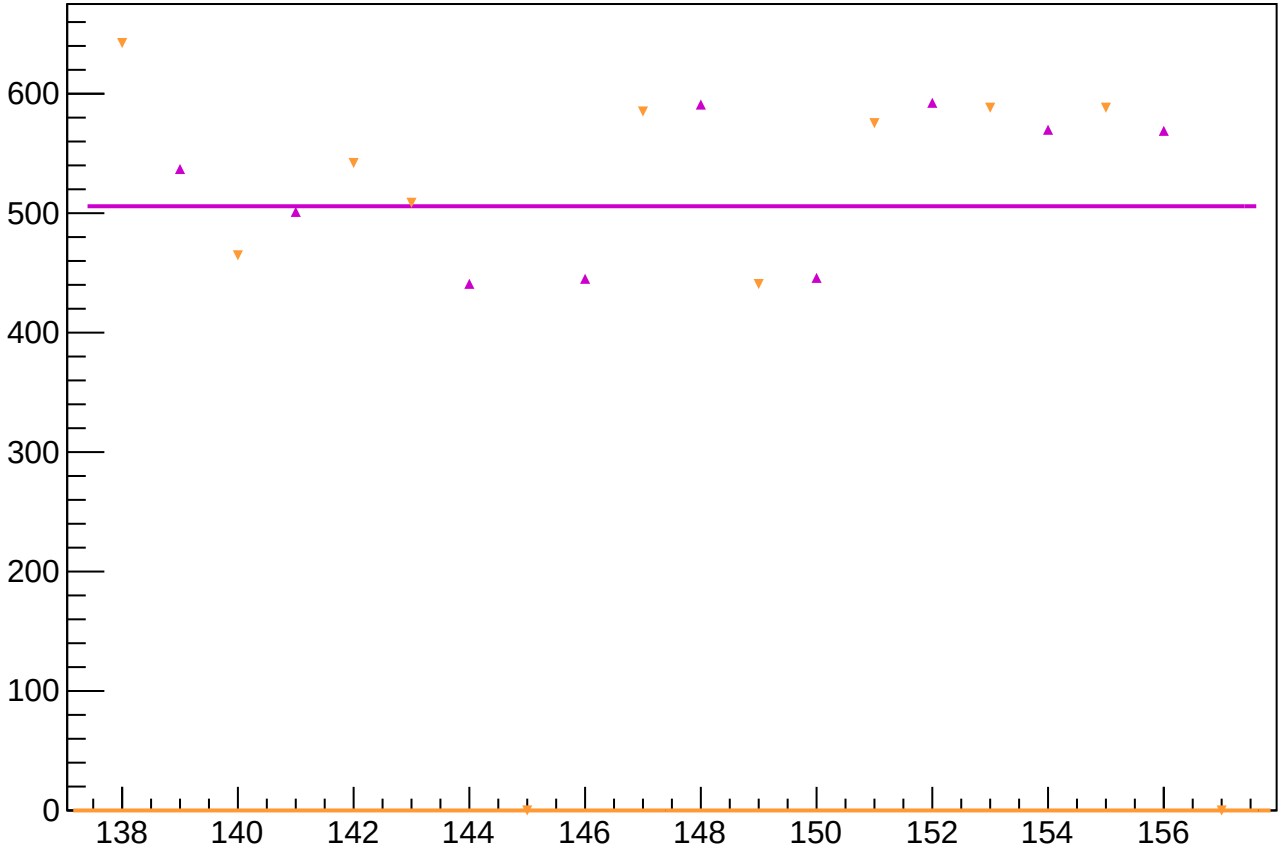
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -390.636+/-187.628 χ^2/NDF:9.6/8

Out: -0.000+/-0.000 χ^2/NDF:19.0/10

All: -0.000+/-0.000 χ^2/NDF: 33.0/19

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:13102978.5/10

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

Left In: 505.804+/-0.133 χ^2/NDF:211693.1/8

Left: 0.000+/-0.000 χ^2/NDF: 27849091.4/19

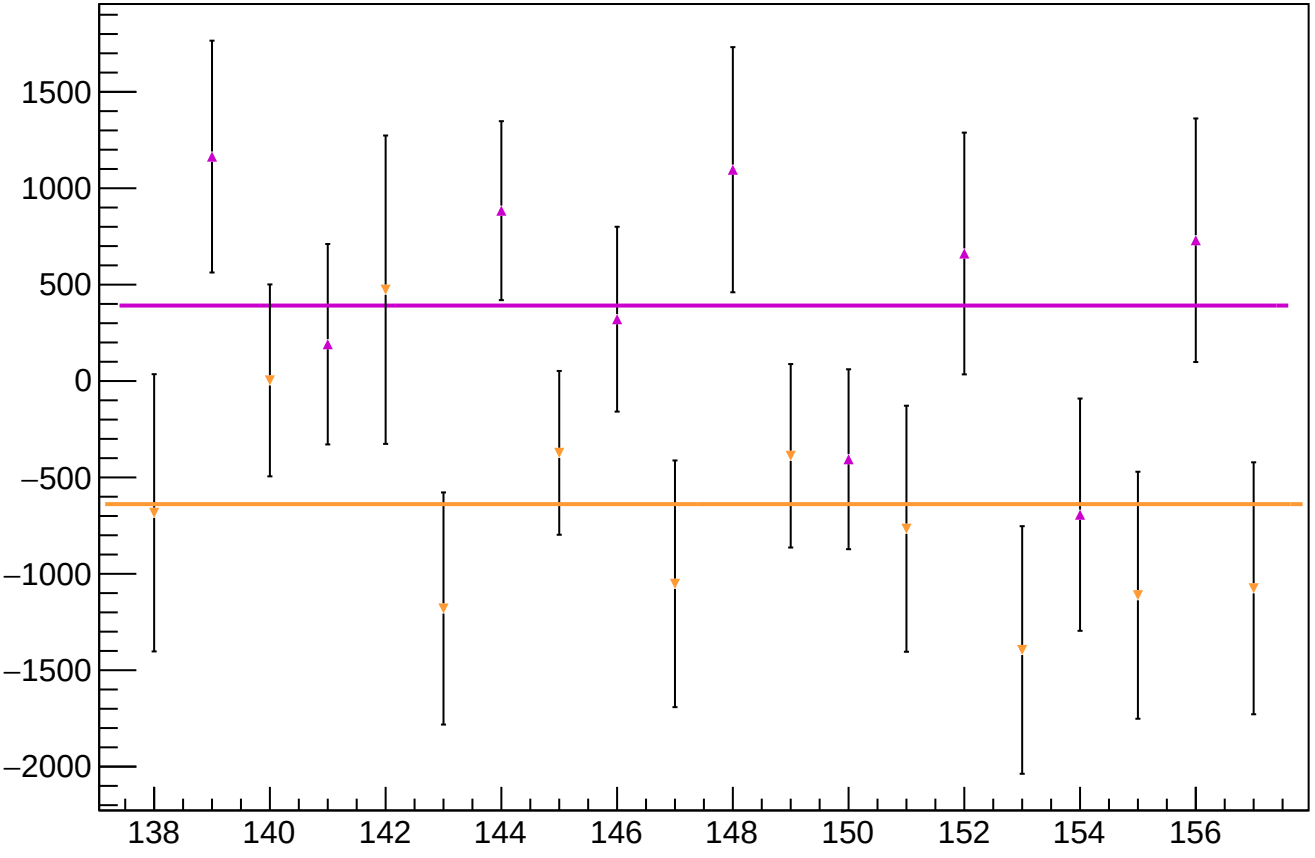
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 505.804+/-0.133 χ^2/NDF:211693.1/8

Out: 0.000+/-0.000 χ^2/NDF:13102978.5/10

All: 0.000+/-0.000 χ^2/NDF: 27849091.4/19

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -638.552+/-175.821 χ^2/NDF:7.9/10

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

Left In: 391.561+/-181.582 χ^2/NDF:10.8/8

Left: -140.096+/-126.312 χ^2/NDF: 35.3/19

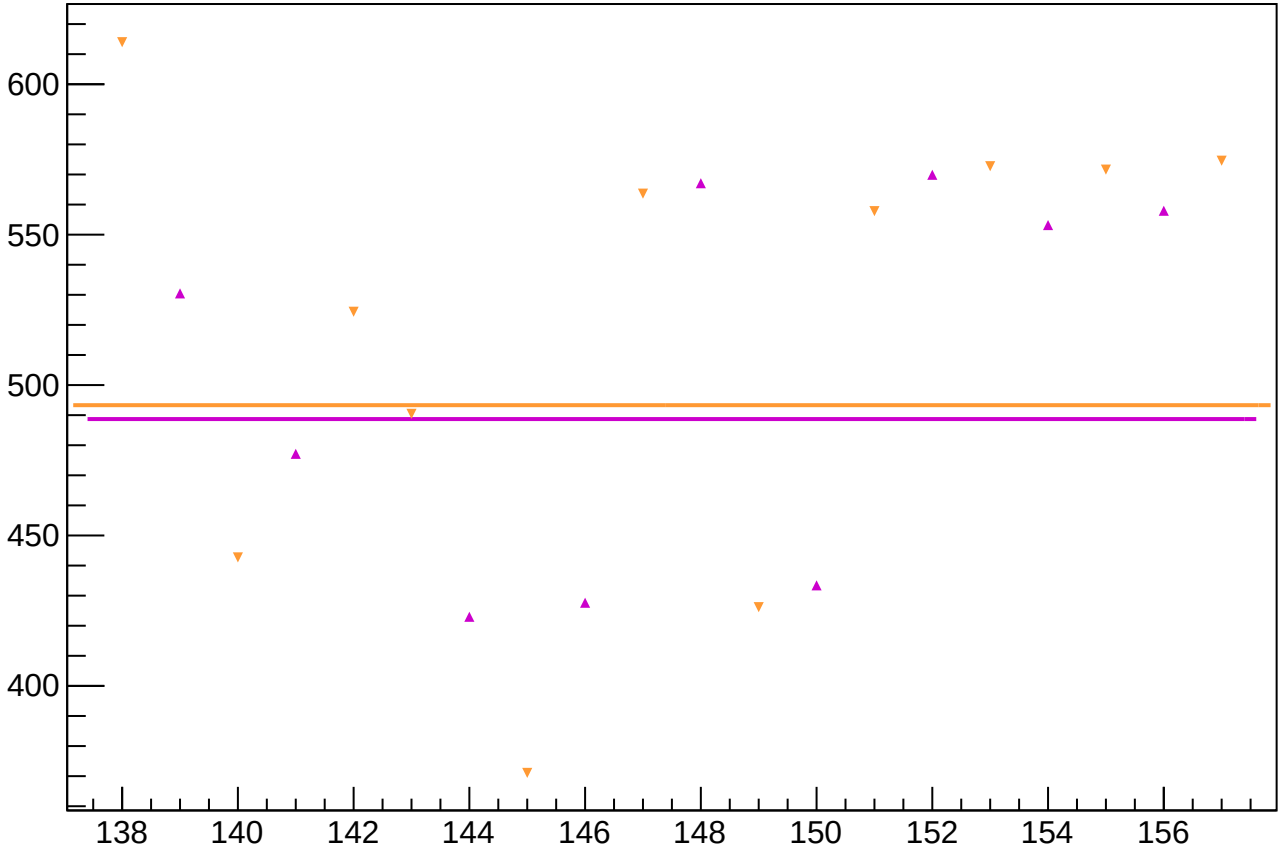
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 391.561+/-181.582 χ^2/NDF:10.8/8

Out: -638.552+/-175.821 χ^2/NDF:7.9/10

All: -140.096+/-126.312 χ^2/NDF: 35.3/19

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 493.314+/-0.124 χ^2/NDF:421388.3/10

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

Left In: 488.700+/-0.128 χ^2/NDF:222137.0/8

Left: 491.081+/-0.089 χ^2/NDF: 644191.5/19

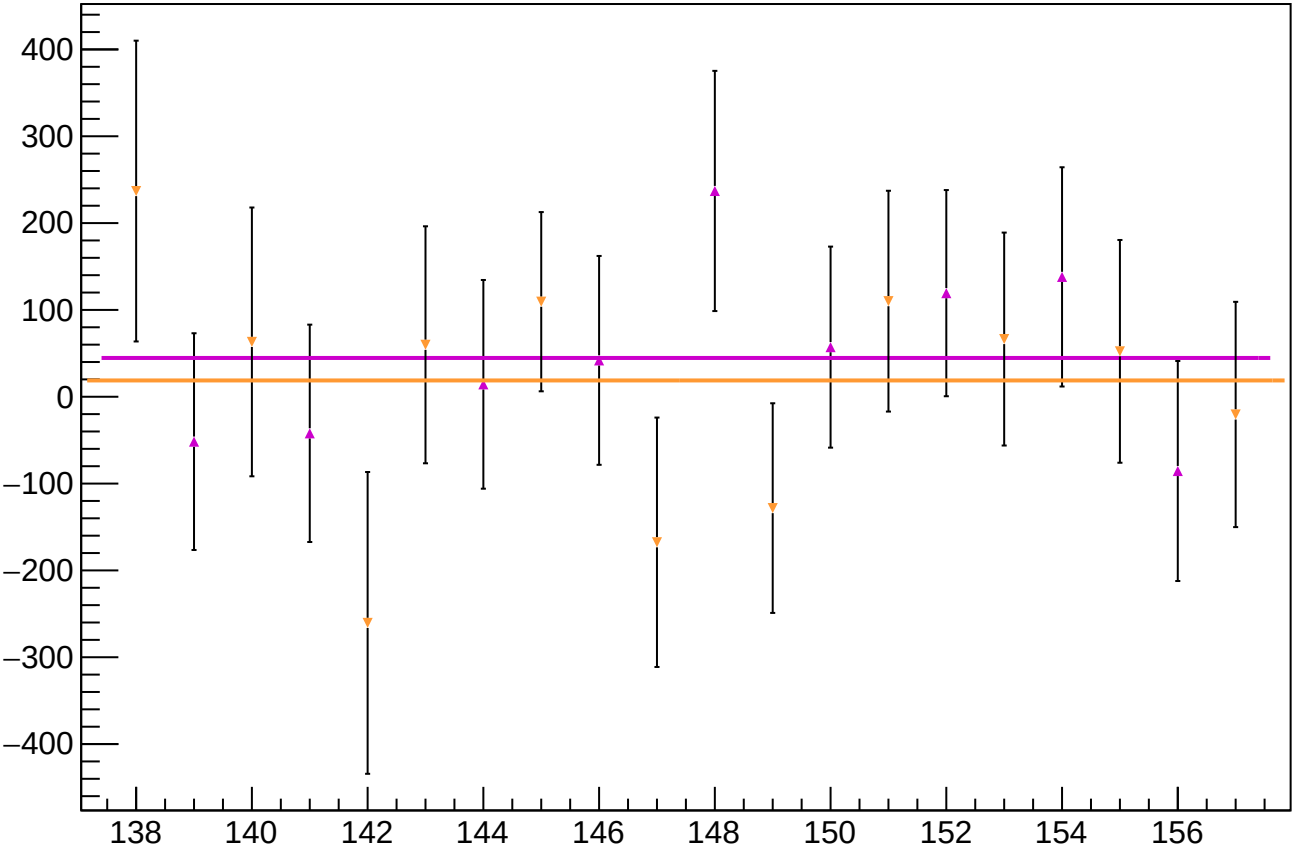
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 488.700+/-0.128 χ^2/NDF:222137.0/8

Out: 493.314+/-0.124 χ^2/NDF:421388.3/10

All: 491.081+/-0.089 χ^2/NDF: 644191.5/19

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 18.777+/-40.115 χ^2/NDF:9.1/10

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

Left In: 44.678+/-41.195 χ^2/NDF:5.1/8

Left: 31.383+/-28.740 χ^2/NDF: 14.4/19

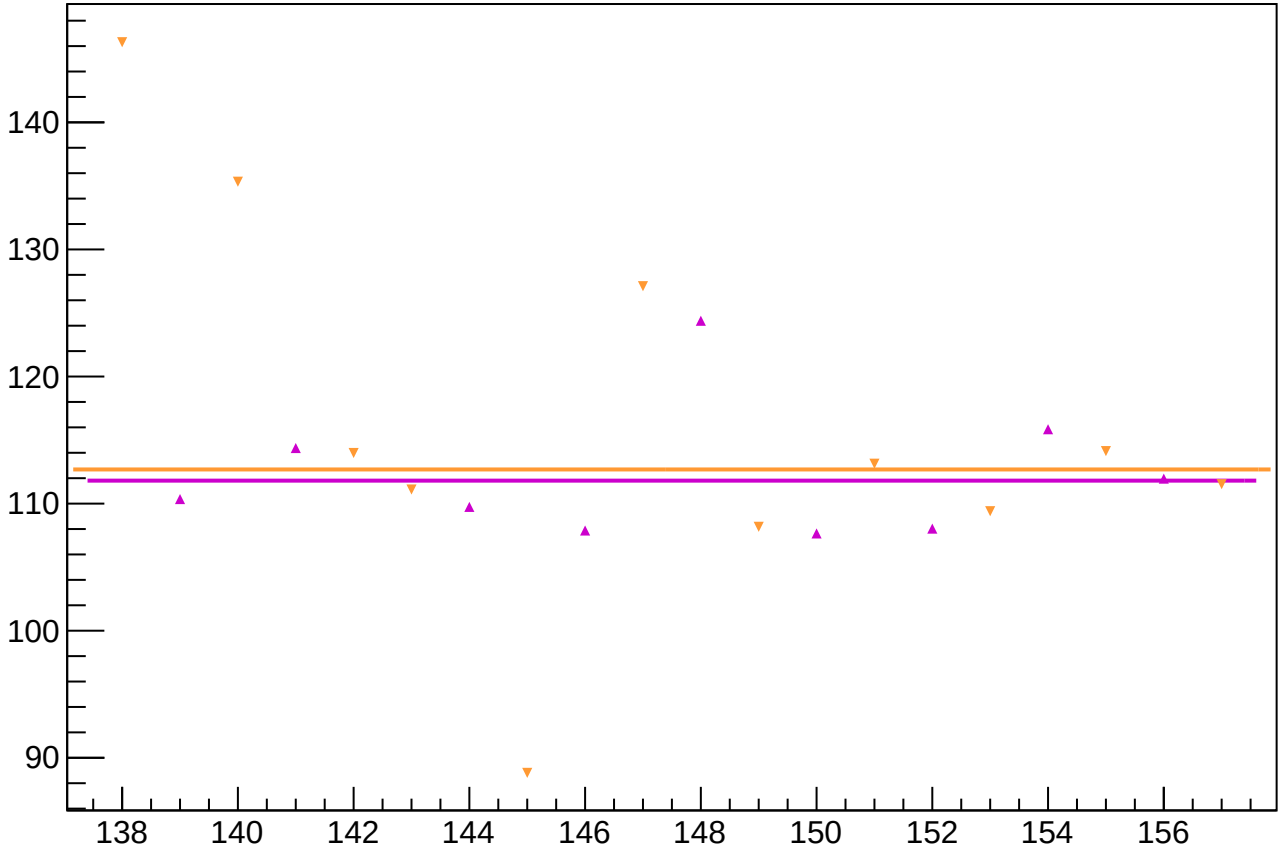
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 44.678+/-41.195 χ^2/NDF:5.1/8

Out: 18.777+/-40.115 χ^2/NDF:9.1/10

All: 31.383+/-28.740 χ^2/NDF: 14.4/19

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 112.688+/-0.028 χ^2/NDF:250356.8/10

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

Left In: 111.808+/-0.029 χ^2/NDF:27028.2/8

Left: 112.260+/-0.020 χ^2/NDF: 277853.3/19

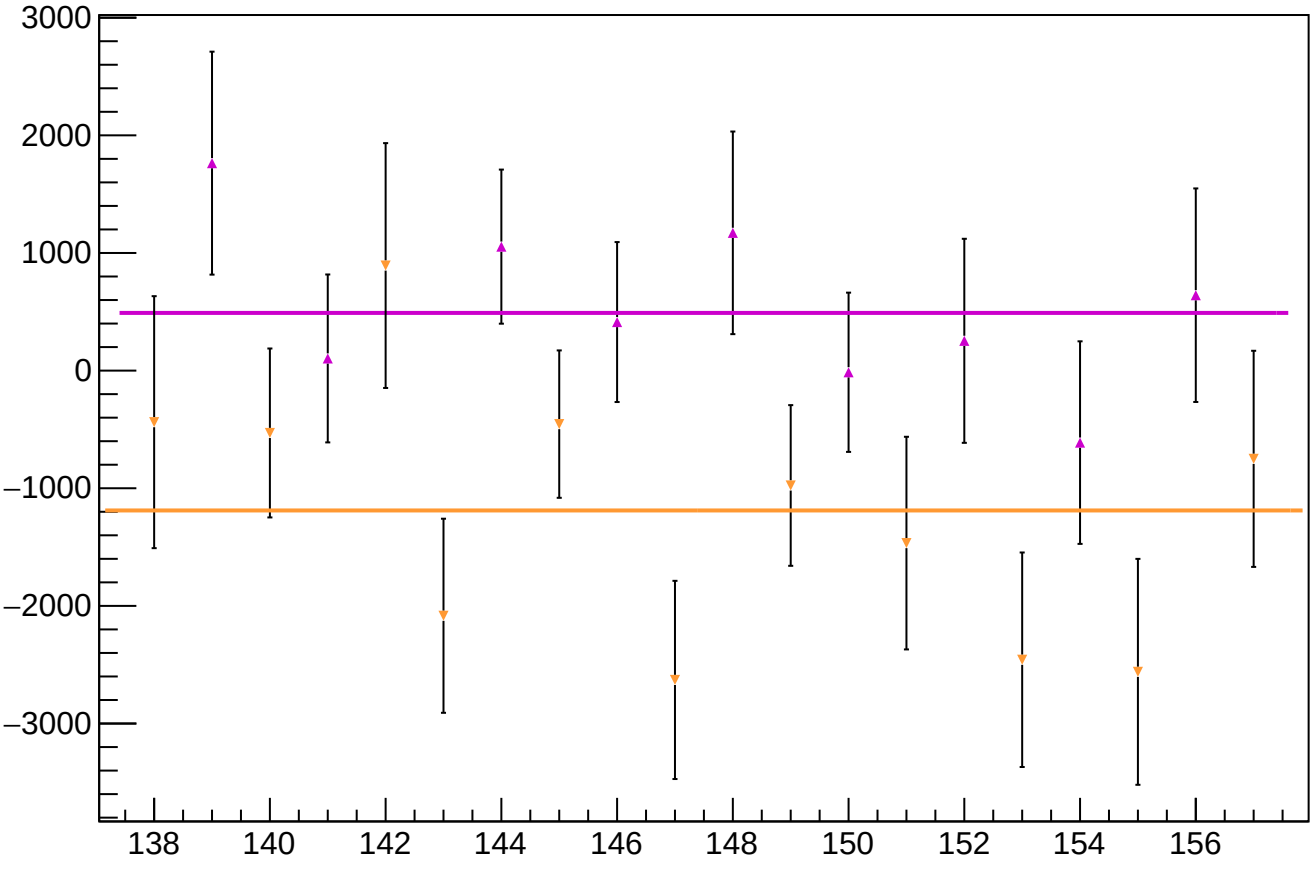
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.808+/-0.029 χ^2/NDF:27028.2/8

Out: 112.688+/-0.028 χ^2/NDF:250356.8/10

All: 112.260+/-0.020 χ^2/NDF: 277853.3/19

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1188.738+/-249.984 χ^2/NDF:15.2/10

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

Left In: 490.487+/-258.241 χ^2/NDF:5.8/8

Left: -376.402+/-179.614 χ^2/NDF: 42.8/19

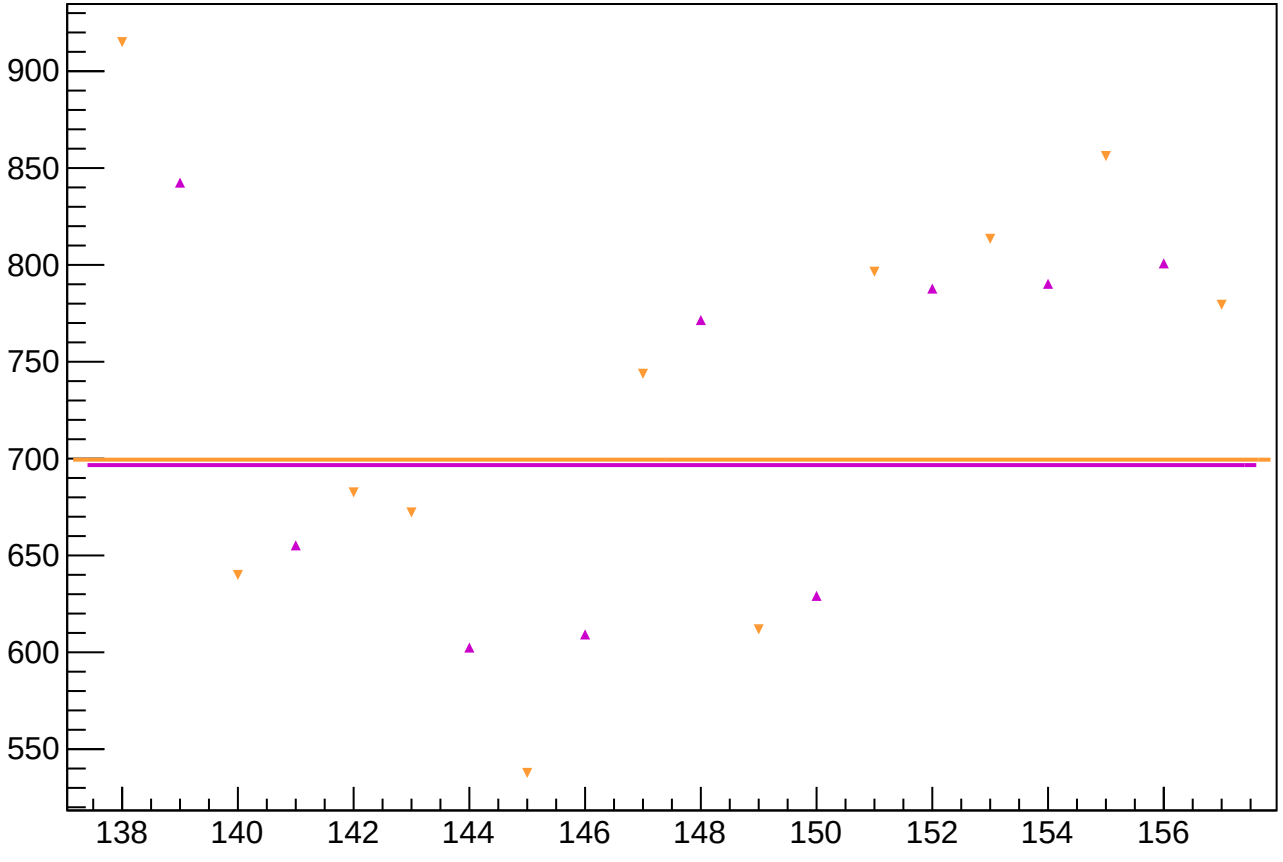
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 490.487+/-258.241 χ^2/NDF:5.8/8

Out: -1188.738+/-249.984 χ^2/NDF:15.2/10

All: -376.402+/-179.614 χ^2/NDF: 42.8/19

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 699.455+/-0.177 χ^2/NDF:391967.7/10

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

Left In: 696.643+/-0.183 χ^2/NDF:235631.2/8

Left: 698.095+/-0.127 χ^2/NDF: 627721.4/19

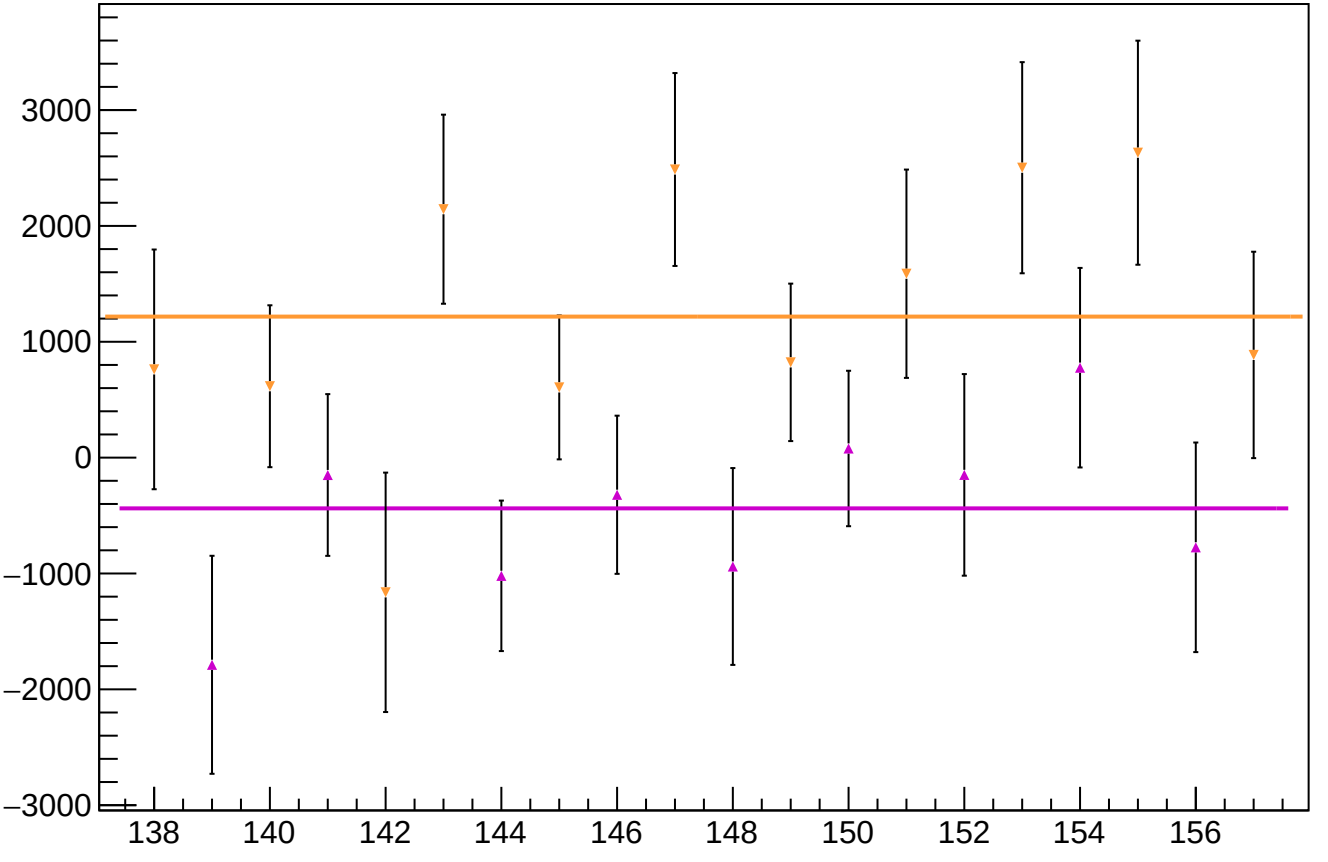
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 696.643+/-0.183 χ^2/NDF:235631.2/8

Out: 699.455+/-0.177 χ^2/NDF:391967.7/10

All: 698.095+/-0.127 χ^2/NDF: 627721.4/19

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1217.272+/-246.988 χ^2/NDF:15.6/10

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

Left In: -438.031+/-256.508 χ^2/NDF:6.2/8

Left: 420.909+/-177.917 χ^2/NDF: 43.4/19

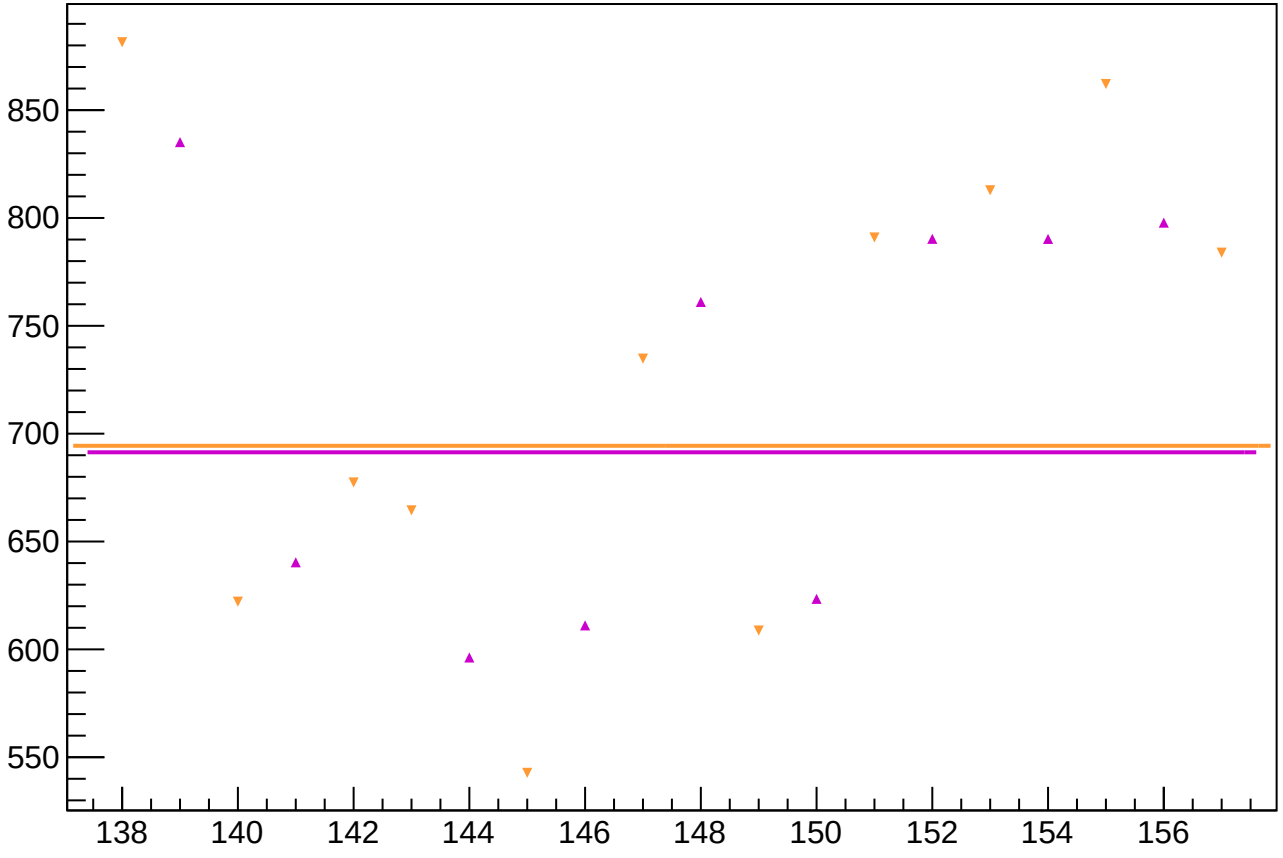
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -438.031+/-256.508 χ^2/NDF:6.2/8

Out: 1217.272+/-246.988 χ^2/NDF:15.6/10

All: 420.909+/-177.917 χ^2/NDF: 43.4/19

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 694.383+/-0.175 χ^2/NDF:382959.9/10

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

Left In: 691.366+/-0.181 χ^2/NDF:241901.6/8

Left: 692.931+/-0.126 χ^2/NDF: 625005.1/19

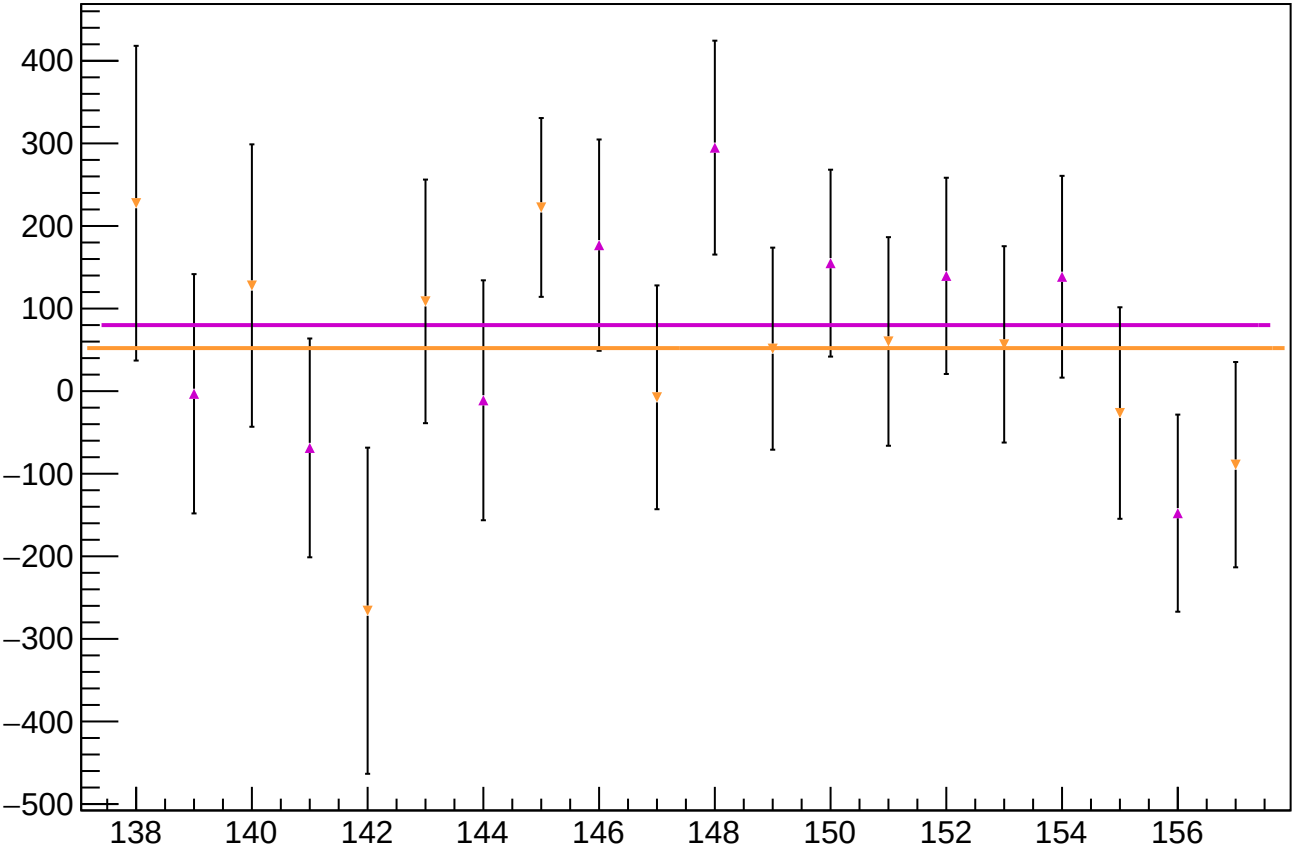
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 691.366+/-0.181 χ^2/NDF:241901.6/8

Out: 694.383+/-0.175 χ^2/NDF:382959.9/10

All: 692.931+/-0.126 χ^2/NDF: 625005.1/19

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 52.126+/-40.858 χ^2/NDF:8.1/10

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

Left In: 79.970+/-42.302 χ^2/NDF:9.9/8

Left: 65.564+/-29.388 χ^2/NDF: 18.2/19

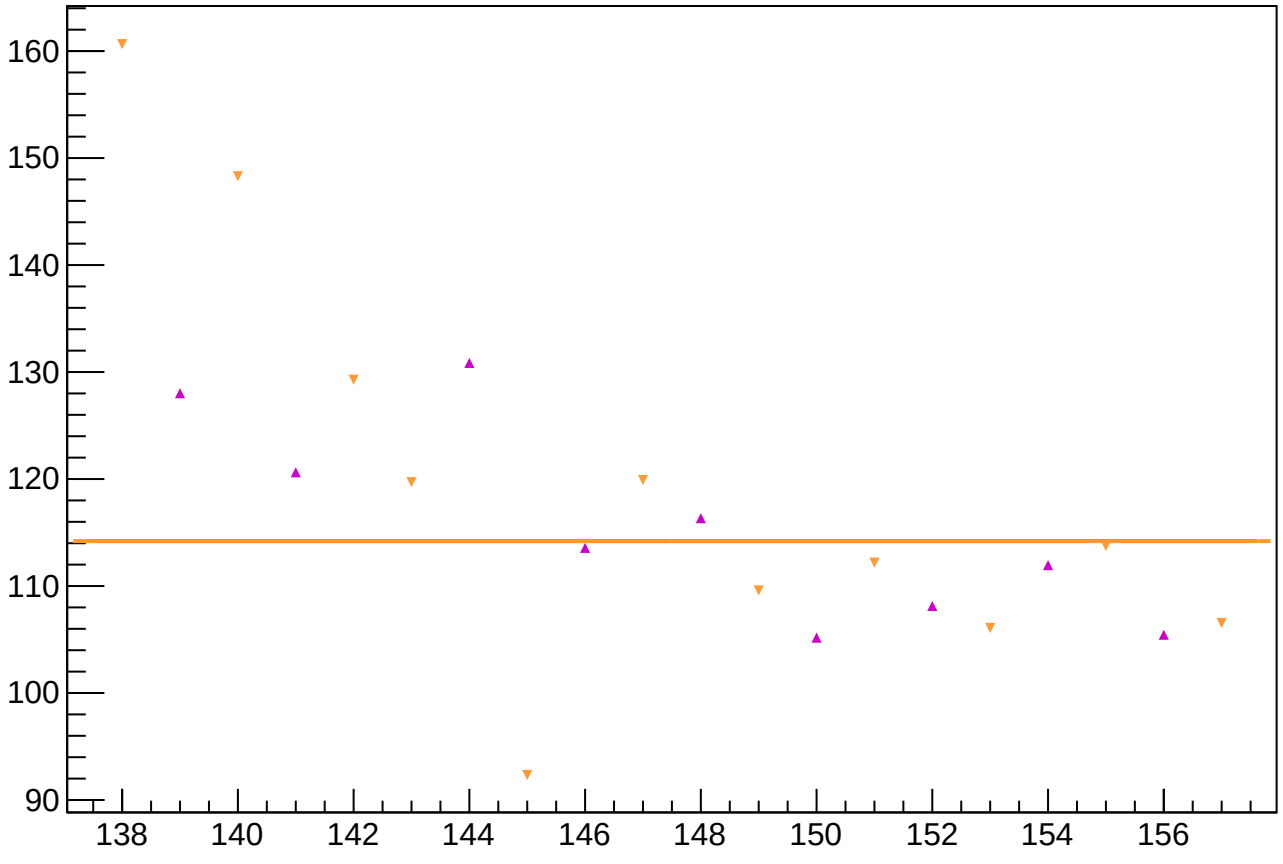
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 79.970+/-42.302 χ^2/NDF:9.9/8

Out: 52.126+/-40.858 χ^2/NDF:8.1/10

All: 65.564+/-29.388 χ^2/NDF: 18.2/19

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 114.197+/-0.029 χ^2/NDF:318209.2/10

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

Left In: 114.207+/-0.030 χ^2/NDF:79136.6/8

Left: 114.202+/-0.021 χ^2/NDF: 397345.9/19

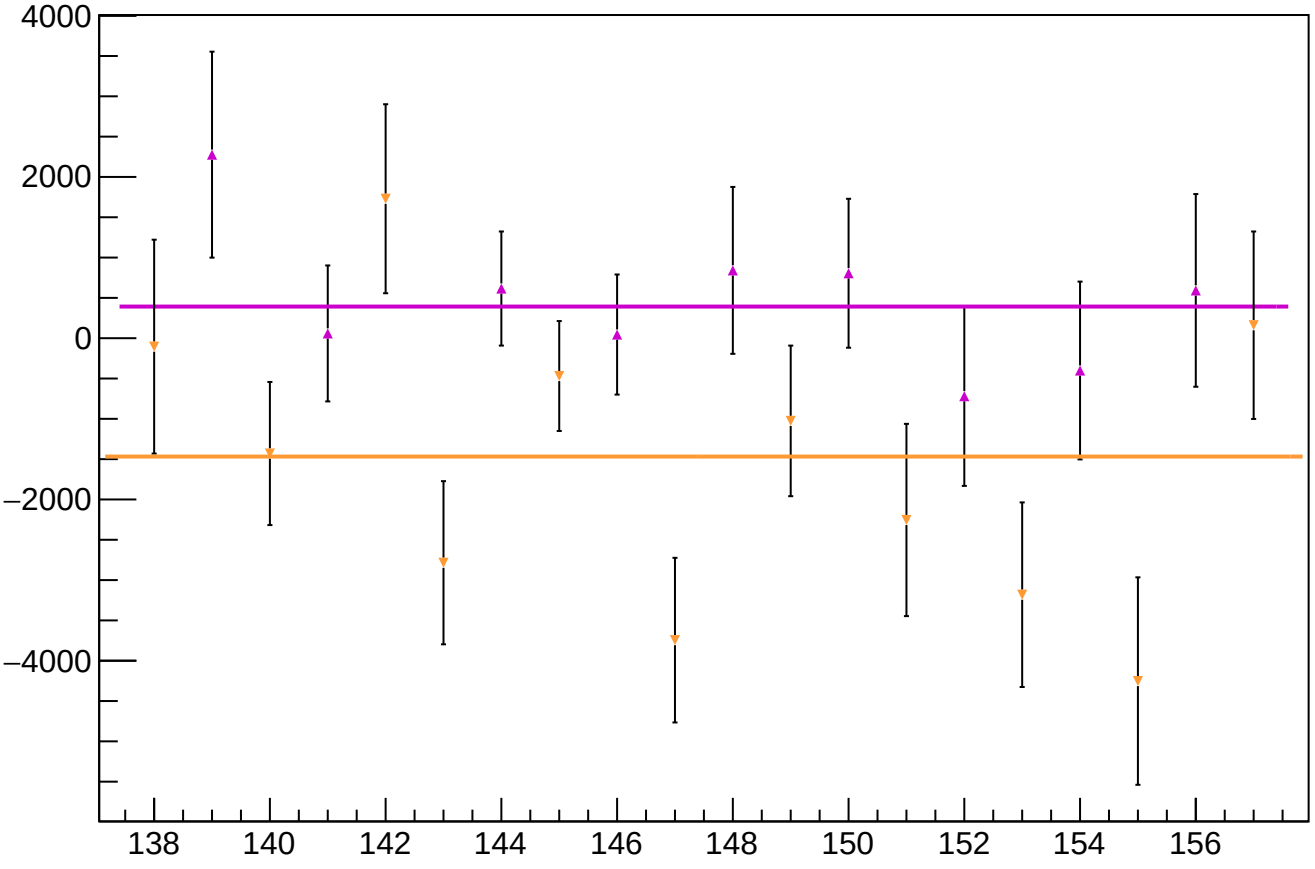
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 114.207+/-0.030 χ^2/NDF:79136.6/8

Out: 114.197+/-0.029 χ^2/NDF:318209.2/10

All: 114.202+/-0.021 χ^2/NDF: 397345.9/19

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1467.976+/-306.975 χ^2/NDF:26.9/10

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

Left In: 392.415+/-312.243 χ^2/NDF:4.6/8

Left: -553.606+/-218.903 χ^2/NDF: 49.5/19

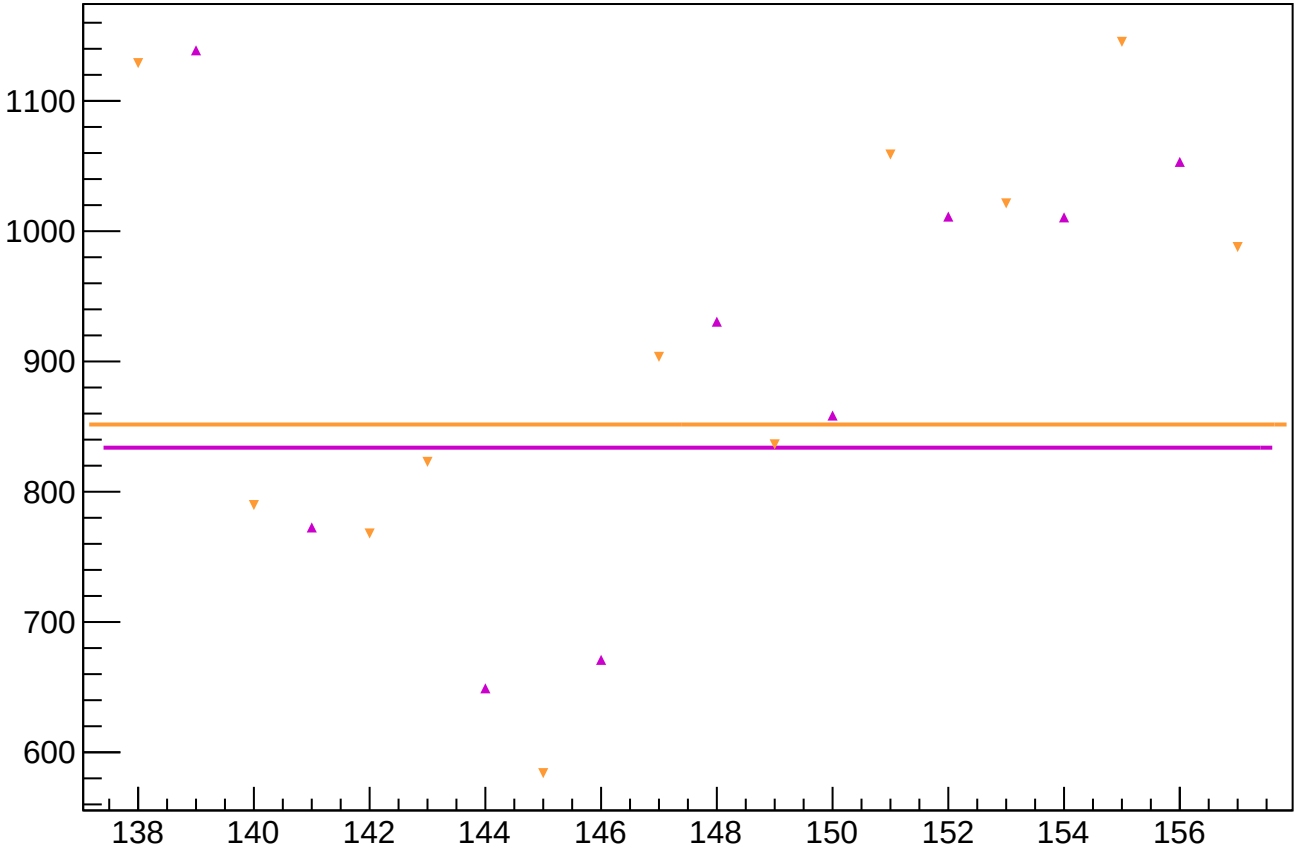
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 392.415+/-312.243 χ^2/NDF:4.6/8

Out: -1467.976+/-306.975 χ^2/NDF:26.9/10

All: -553.606+/-218.903 χ^2/NDF: 49.5/19

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 851.612+/-0.217 χ^2/NDF:659101.5/10

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

Left In: 833.819+/-0.221 χ^2/NDF:545146.4/8

Left: 842.867+/-0.155 χ^2/NDF: 1207550.5/19

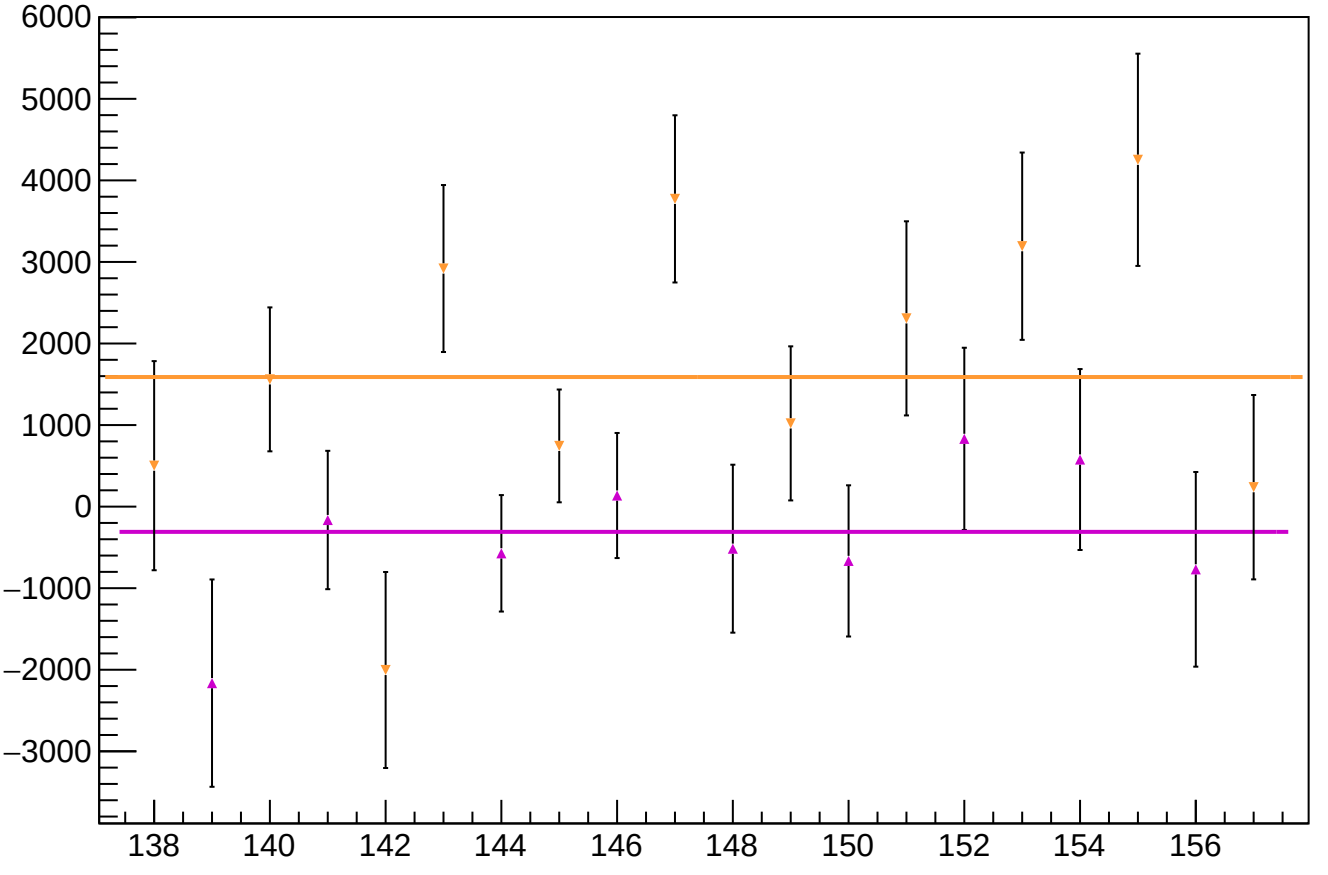
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 833.819+/-0.221 χ^2/NDF:545146.4/8

Out: 851.612+/-0.217 χ^2/NDF:659101.5/10

All: 842.867+/-0.155 χ^2/NDF: 1207550.5/19

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1588.941+/-308.005 χ^2/NDF:25.7/10

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

Left In: -309.481+/-314.754 χ^2/NDF:4.6/8

Left: 660.302+/-220.140 χ^2/NDF: 48.9/19

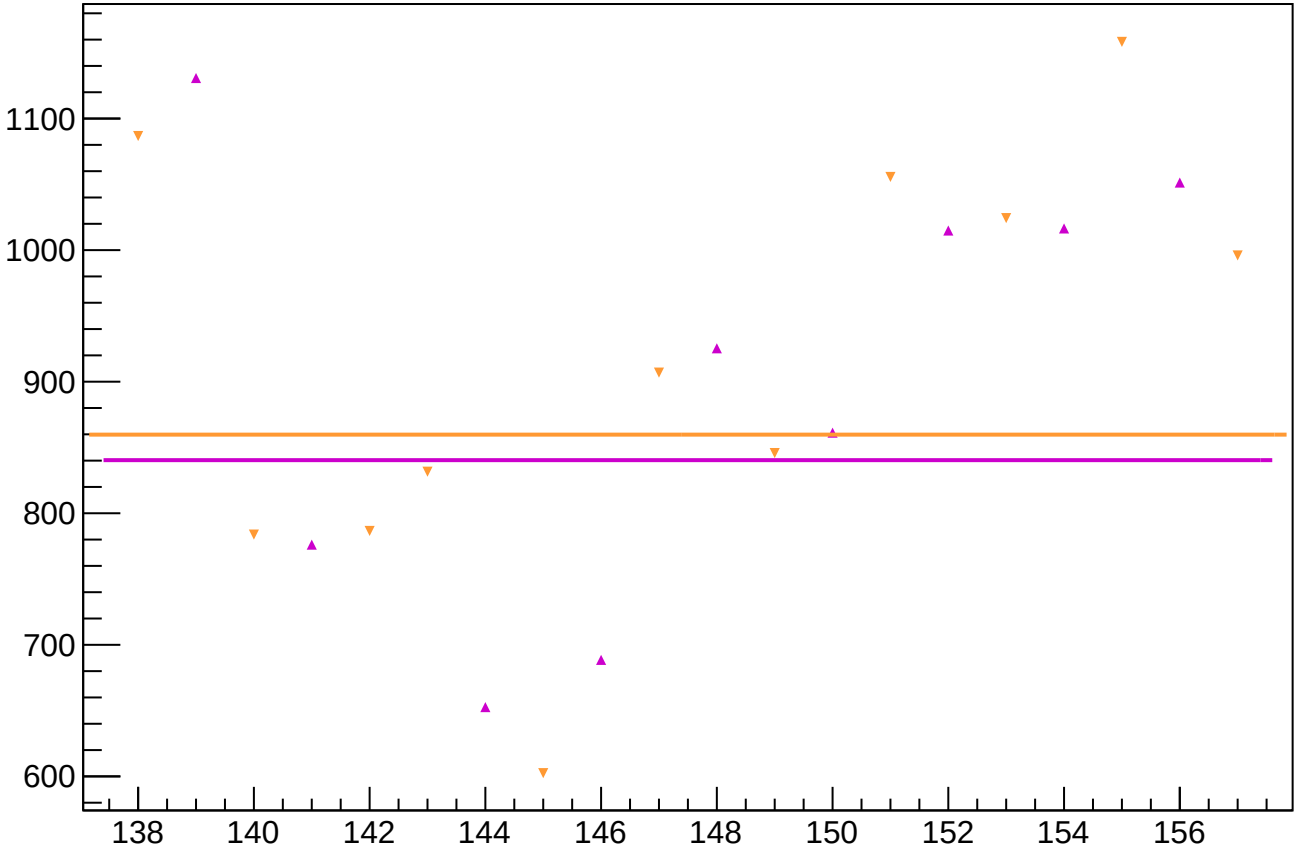
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -309.481+/-314.754 χ^2/NDF:4.6/8

Out: 1588.941+/-308.005 χ^2/NDF:25.7/10

All: 660.302+/-220.140 χ^2/NDF: 48.9/19

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 859.761+/-0.218 χ^2/NDF:597564.9/10

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

Left In: 840.364+/-0.223 χ^2/NDF:508851.3/8

Left: 850.273+/-0.156 χ^2/NDF: 1110296.4/19

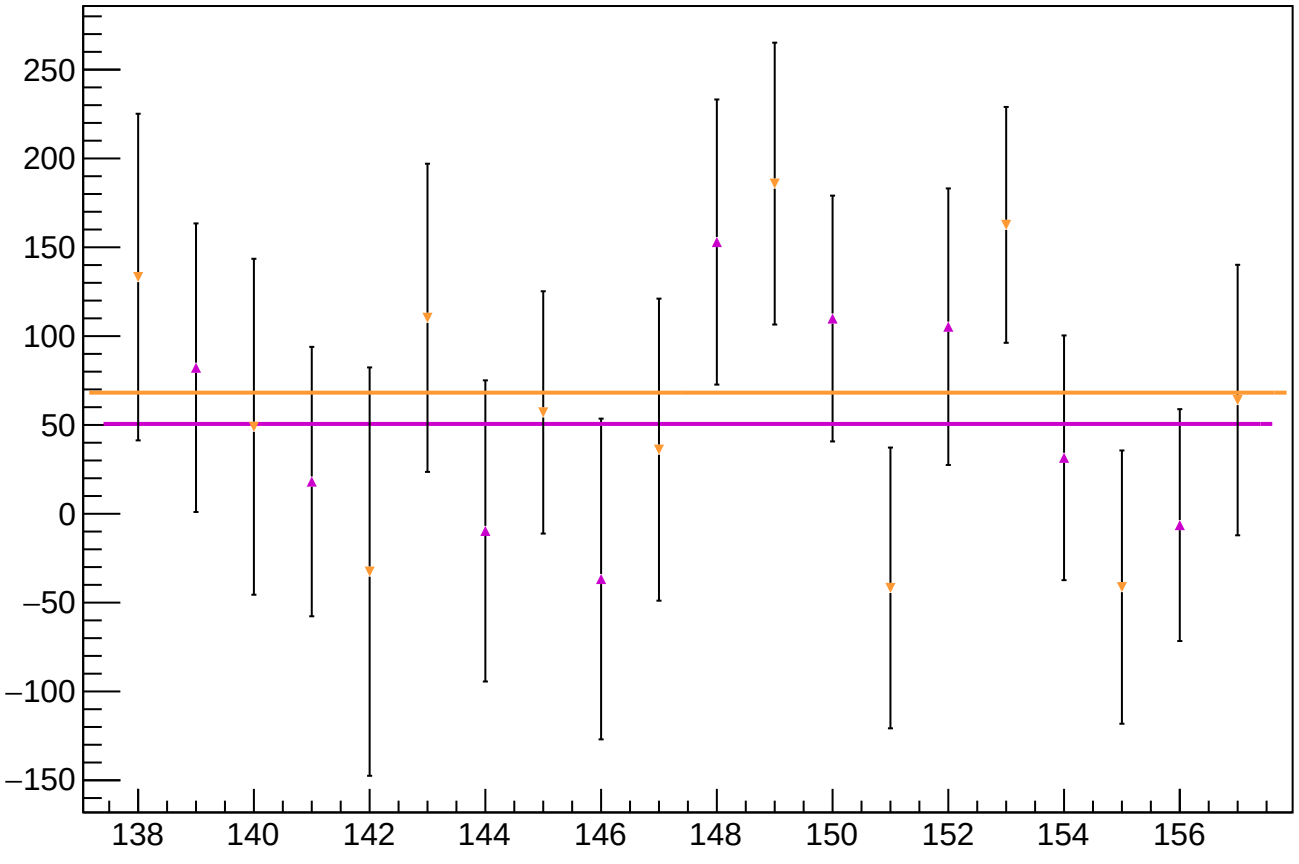
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 840.364+/-0.223 χ^2/NDF:508851.3/8

Out: 859.761+/-0.218 χ^2/NDF:597564.9/10

All: 850.273+/-0.156 χ^2/NDF: 1110296.4/19

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 68.178+/-24.398 χ^2/NDF:9.9/10

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

Left In: 50.574+/-25.299 χ^2/NDF:5.5/8

Left: 59.695+/-17.562 χ^2/NDF: 15.6/19

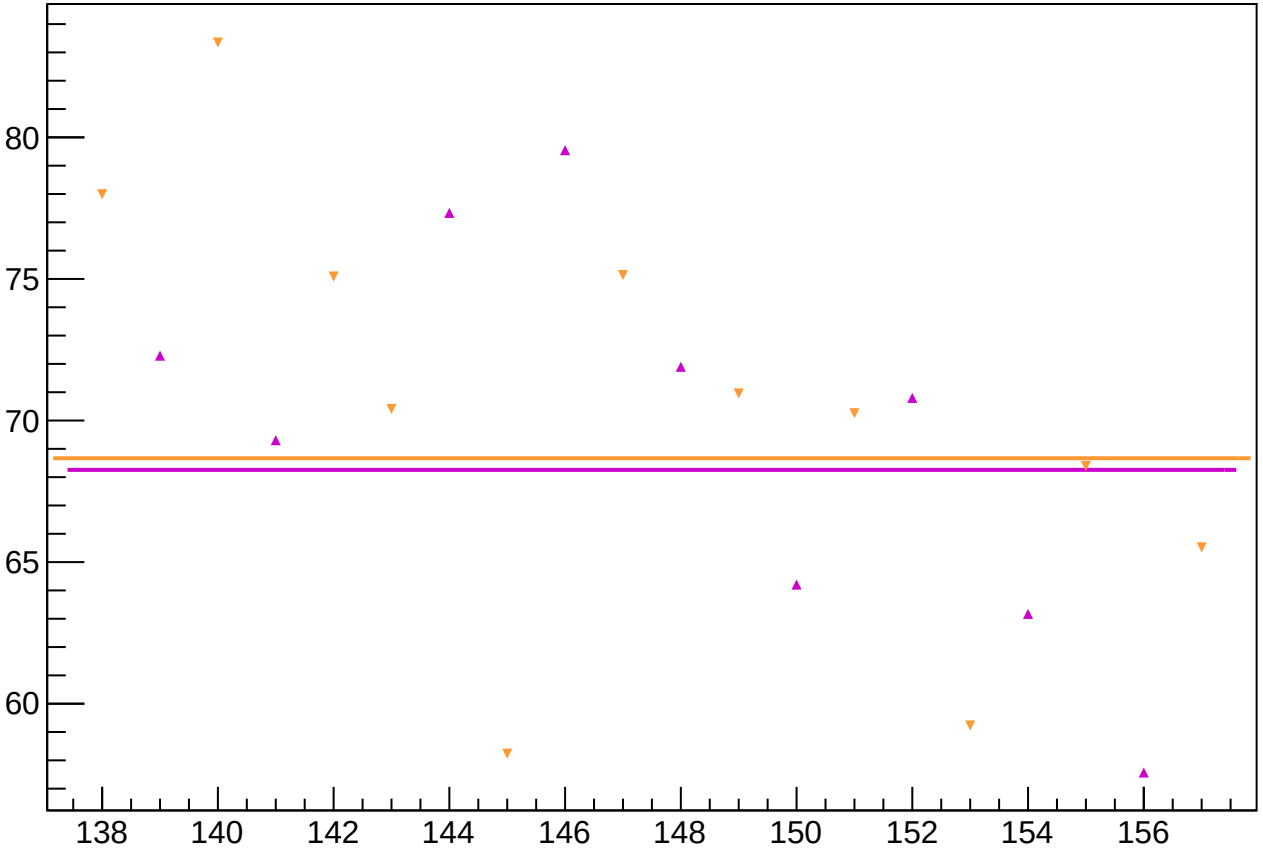
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 50.574+/-25.299 χ^2/NDF:5.5/8

Out: 68.178+/-24.398 χ^2/NDF:9.9/10

All: 59.695+/-17.562 χ^2/NDF: 15.6/19

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 68.669+/-0.017 χ^2/NDF:180574.9/10

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

Left In: 68.258+/-0.018 χ^2/NDF:137189.8/8

Left: 68.471+/-0.012 χ^2/NDF: 318038.3/19

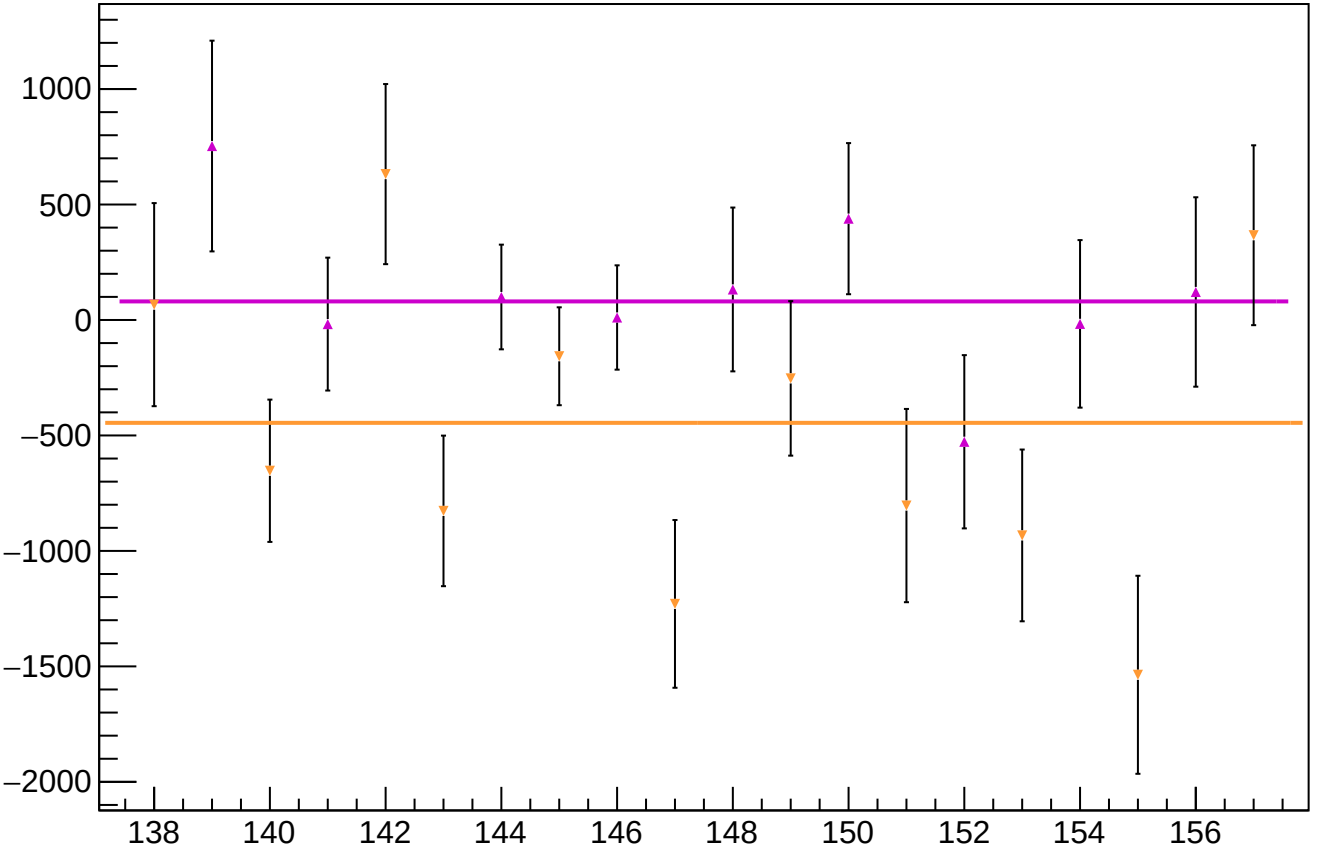
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 68.258+/-0.018 χ^2/NDF:137189.8/8

Out: 68.669+/-0.017 χ^2/NDF:180574.9/10

All: 68.471+/-0.012 χ^2/NDF: 318038.3/19

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -445.393+/-102.359 χ^2/NDF:30.9/10

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

Left In: 80.390+/-103.203 χ^2/NDF:6.3/8

Left: -184.659+/-72.675 χ^2/NDF: 50.3/19

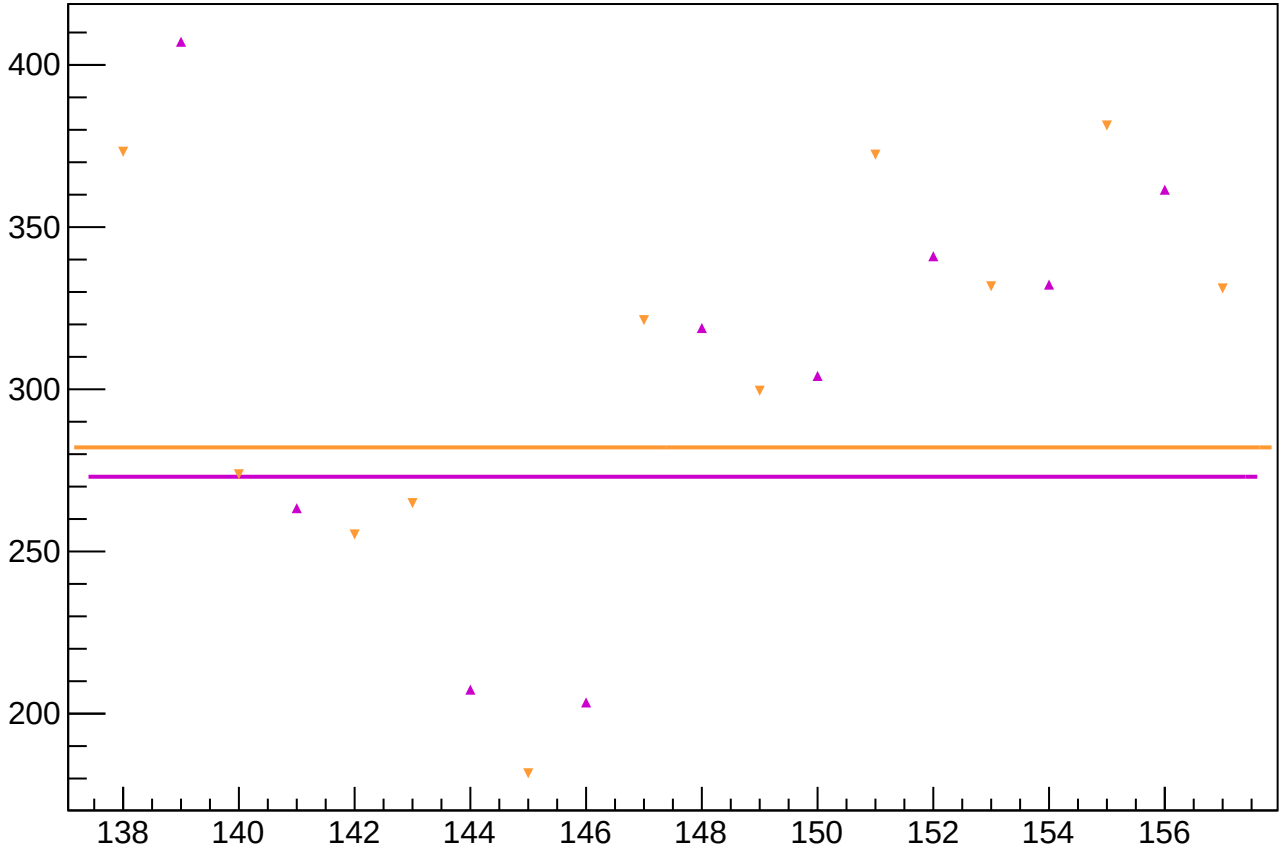
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 80.390+/-103.203 χ^2/NDF:6.3/8

Out: -445.393+/-102.359 χ^2/NDF:30.9/10

All: -184.659+/-72.675 χ^2/NDF: 50.3/19

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 282.092+/-0.072 χ^2/NDF:848218.7/10

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

Left In: 273.041+/-0.073 χ^2/NDF:796229.0/8

Left: 277.604+/-0.051 χ^2/NDF: 1652203.7/19

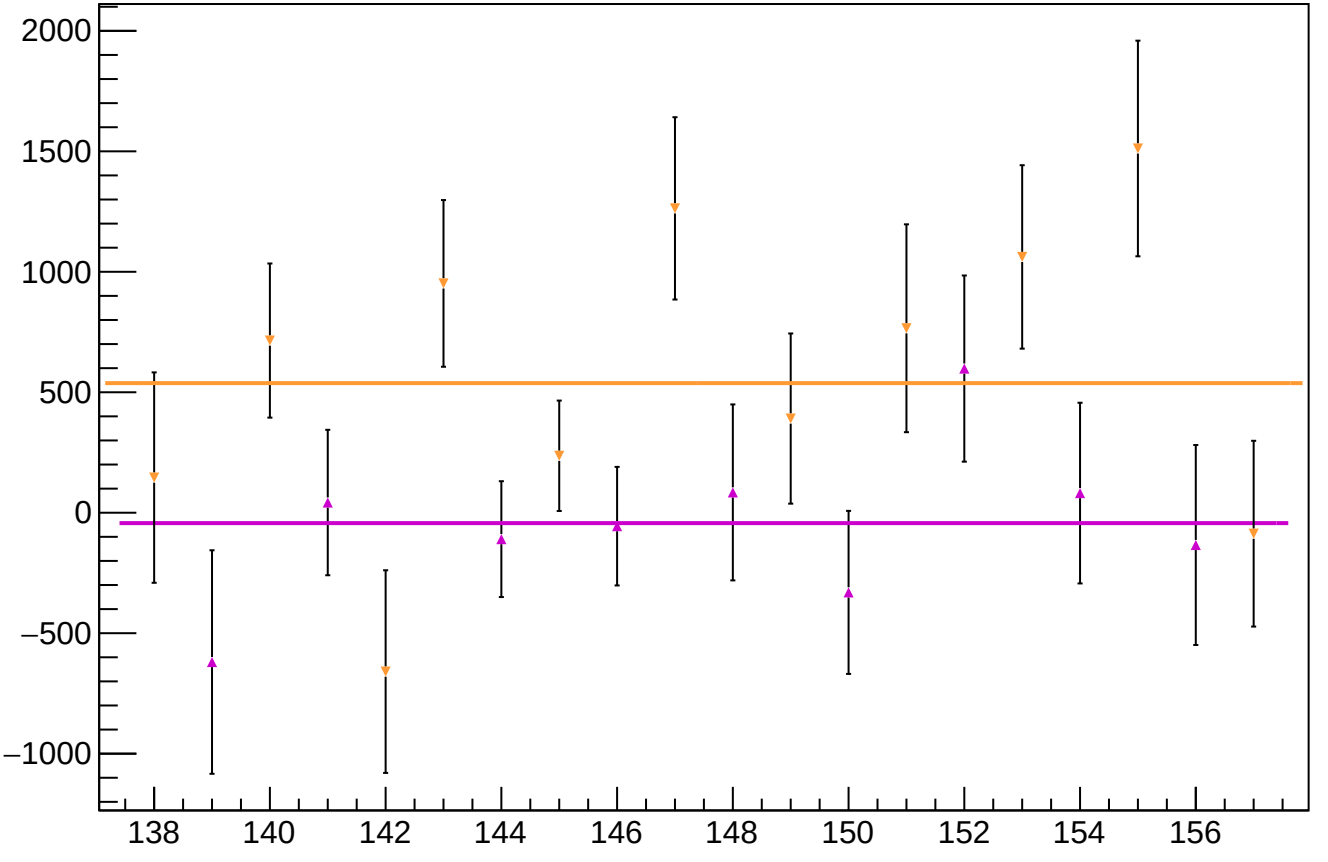
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 273.041+/-0.073 χ^2/NDF:796229.0/8

Out: 282.092+/-0.072 χ^2/NDF:848218.7/10

All: 277.604+/-0.051 χ^2/NDF: 1652203.7/19

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 537.910+/-107.160 χ^2/NDF:25.8/10

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

Left In: -43.121+/-108.277 χ^2/NDF:5.5/8

Left: 250.407+/-76.166 χ^2/NDF: 45.8/19

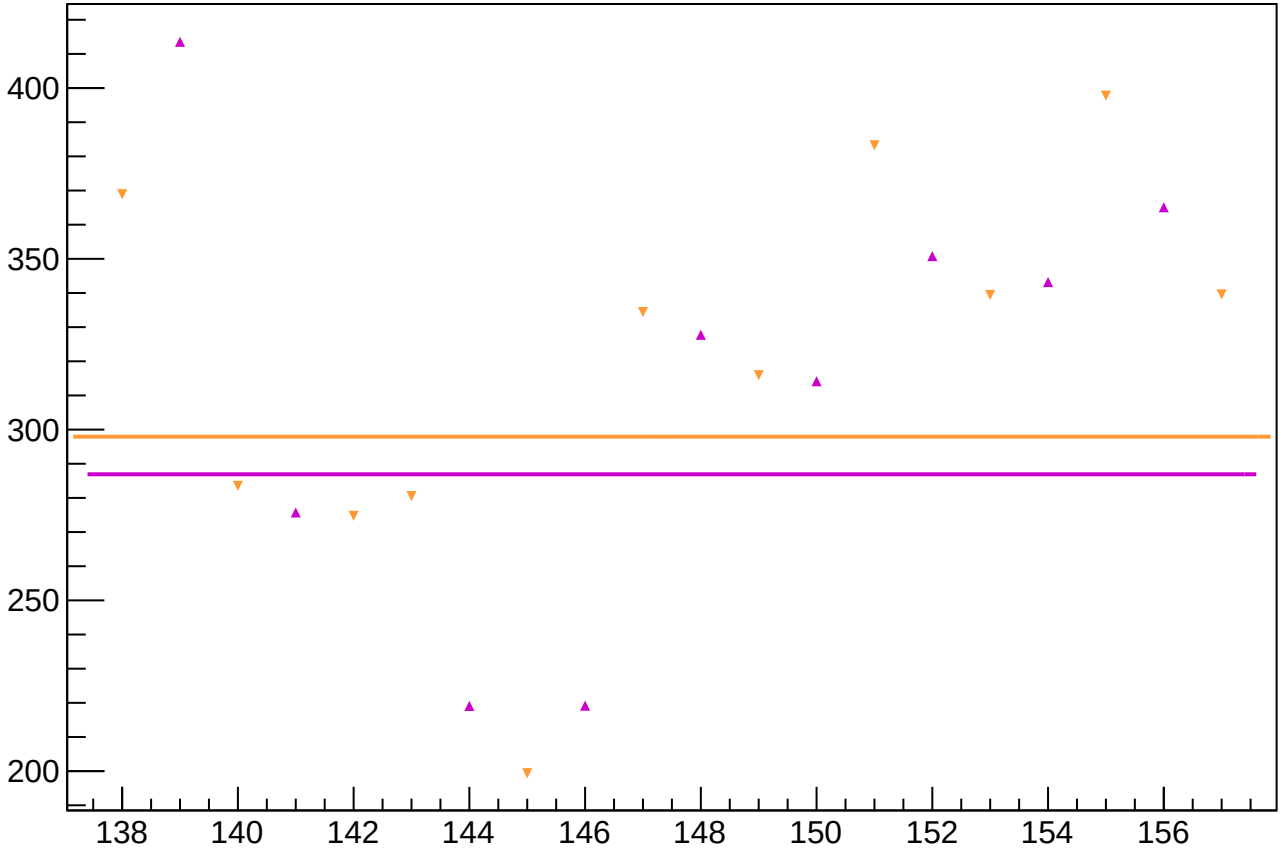
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -43.121+/-108.277 χ^2/NDF:5.5/8

Out: 537.910+/-107.160 χ^2/NDF:25.8/10

All: 250.407+/-76.166 χ^2/NDF: 45.8/19

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 297.933+/-0.076 χ^2/NDF:686889.3/10

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

Left In: 286.917+/-0.077 χ^2/NDF:671285.2/8

Left: 292.482+/-0.054 χ^2/NDF: 1368633.0/19

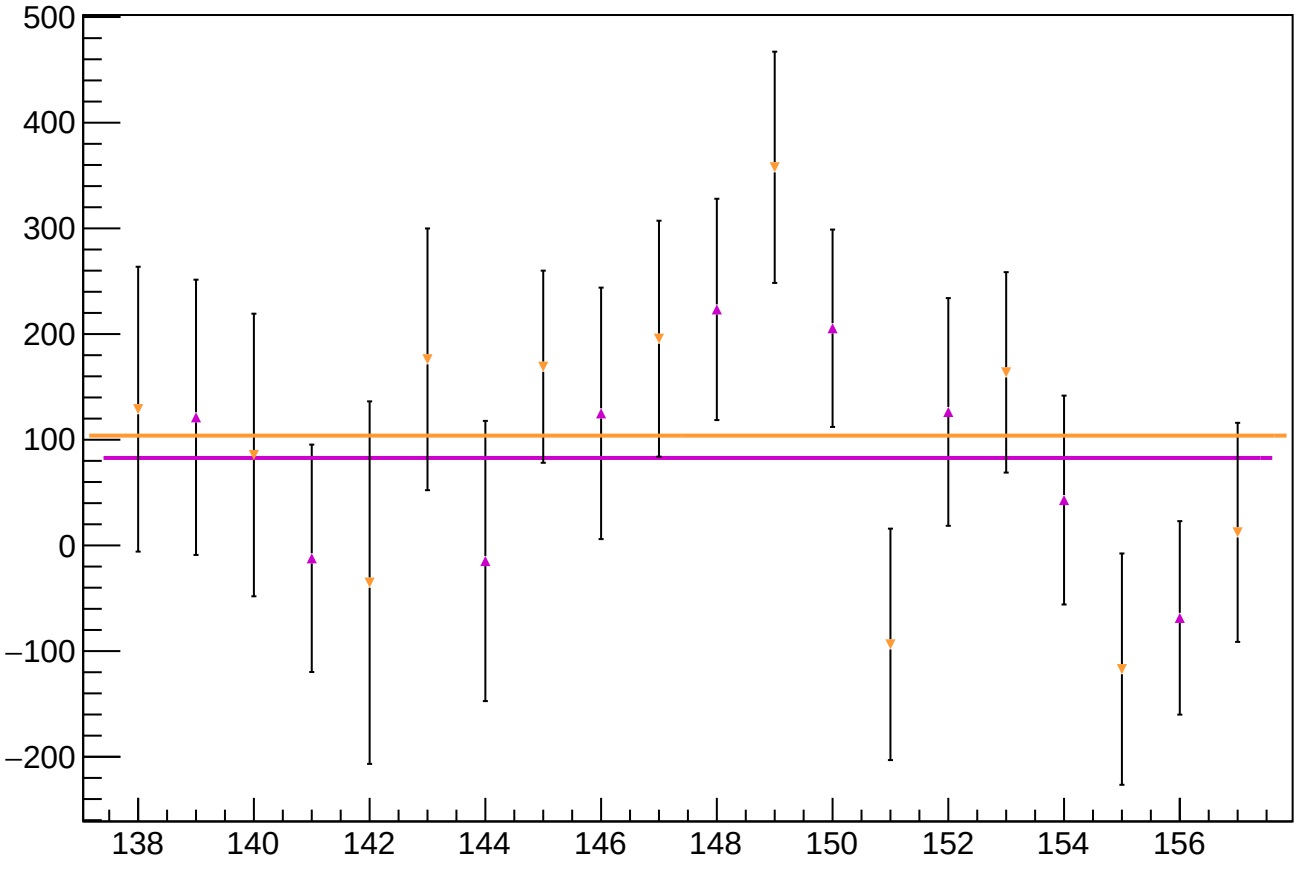
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 286.917+/-0.077 χ^2/NDF:671285.2/8

Out: 297.933+/-0.076 χ^2/NDF:686889.3/10

All: 292.482+/-0.054 χ^2/NDF: 1368633.0/19

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 103.911+/-33.977 χ^2/NDF:16.1/10

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

Left In: 82.773+/-35.654 χ^2/NDF:8.1/8

Left: 93.851+/-24.597 χ^2/NDF: 24.4/19

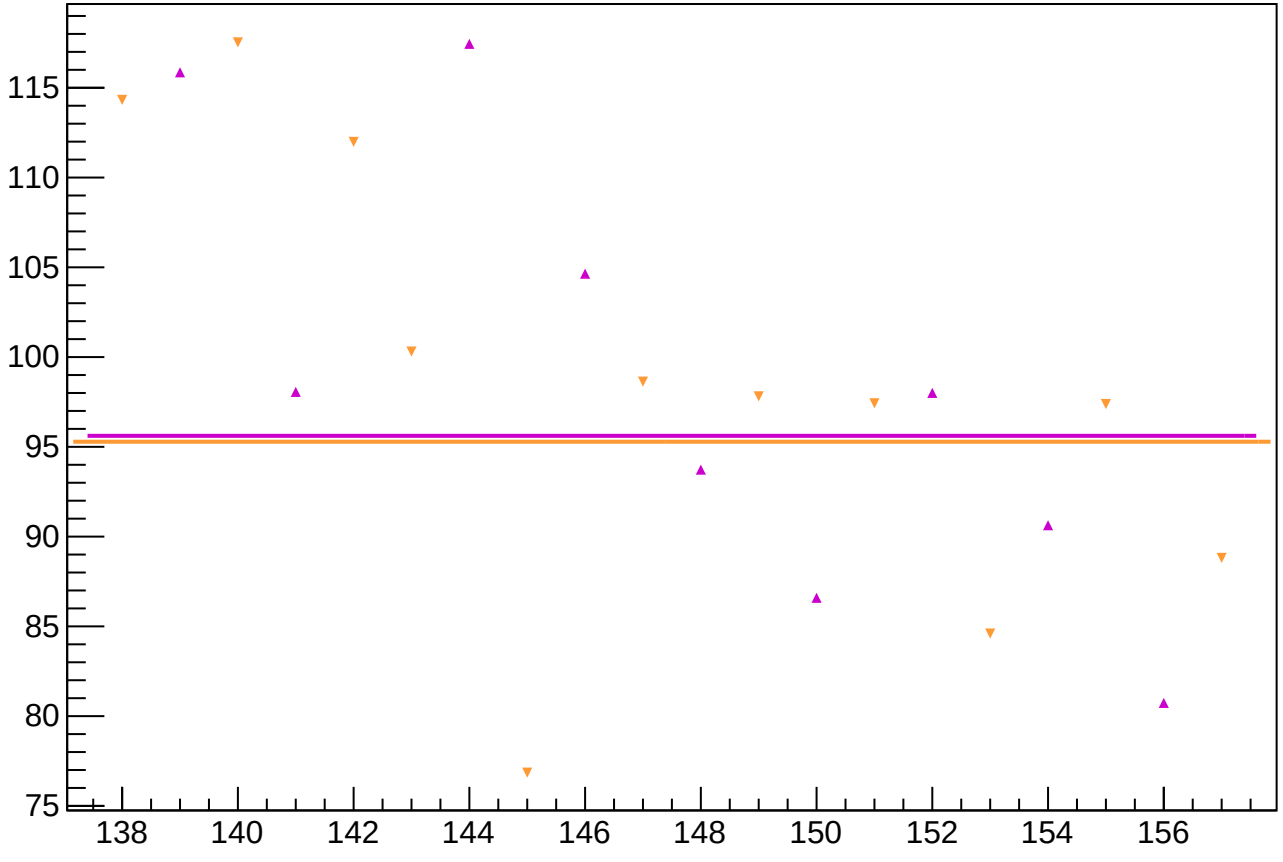
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 82.773+/-35.654 χ^2/NDF:8.1/8

Out: 103.911+/-33.977 χ^2/NDF:16.1/10

All: 93.851+/-24.597 χ^2/NDF: 24.4/19

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 95.286+/-0.024 χ^2/NDF:237329.8/10

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

Left In: 95.614+/-0.025 χ^2/NDF:193340.2/8

Left: 95.442+/-0.017 χ^2/NDF: 430759.1/19

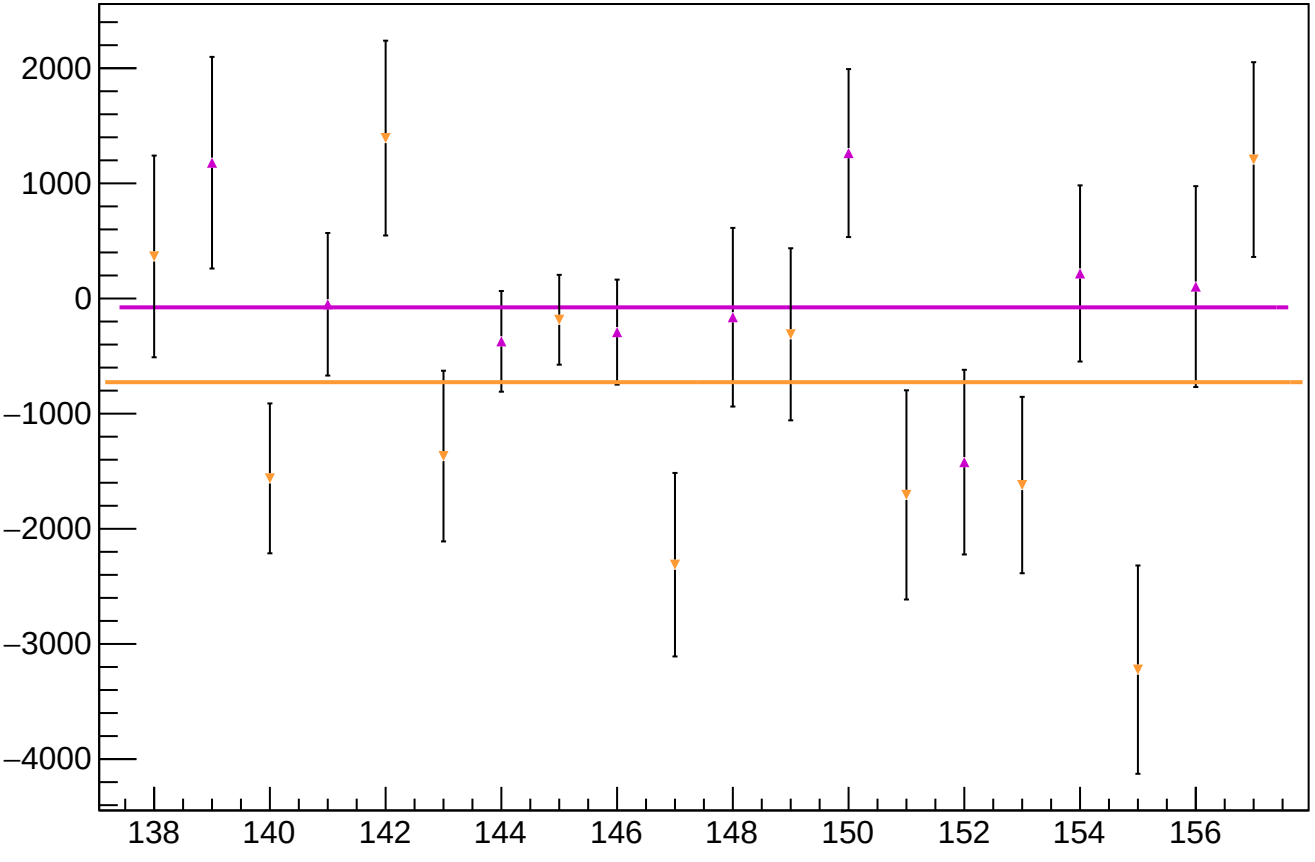
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 95.614+/-0.025 χ^2/NDF:193340.2/8

Out: 95.286+/-0.024 χ^2/NDF:237329.8/10

All: 95.442+/-0.017 χ^2/NDF: 430759.1/19

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -726.727+/-211.497 χ^2/NDF:31.8/10

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

Left In: -76.700+/-213.422 χ^2/NDF:8.9/8

Left: -404.658+/-150.227 χ^2/NDF: 45.4/19

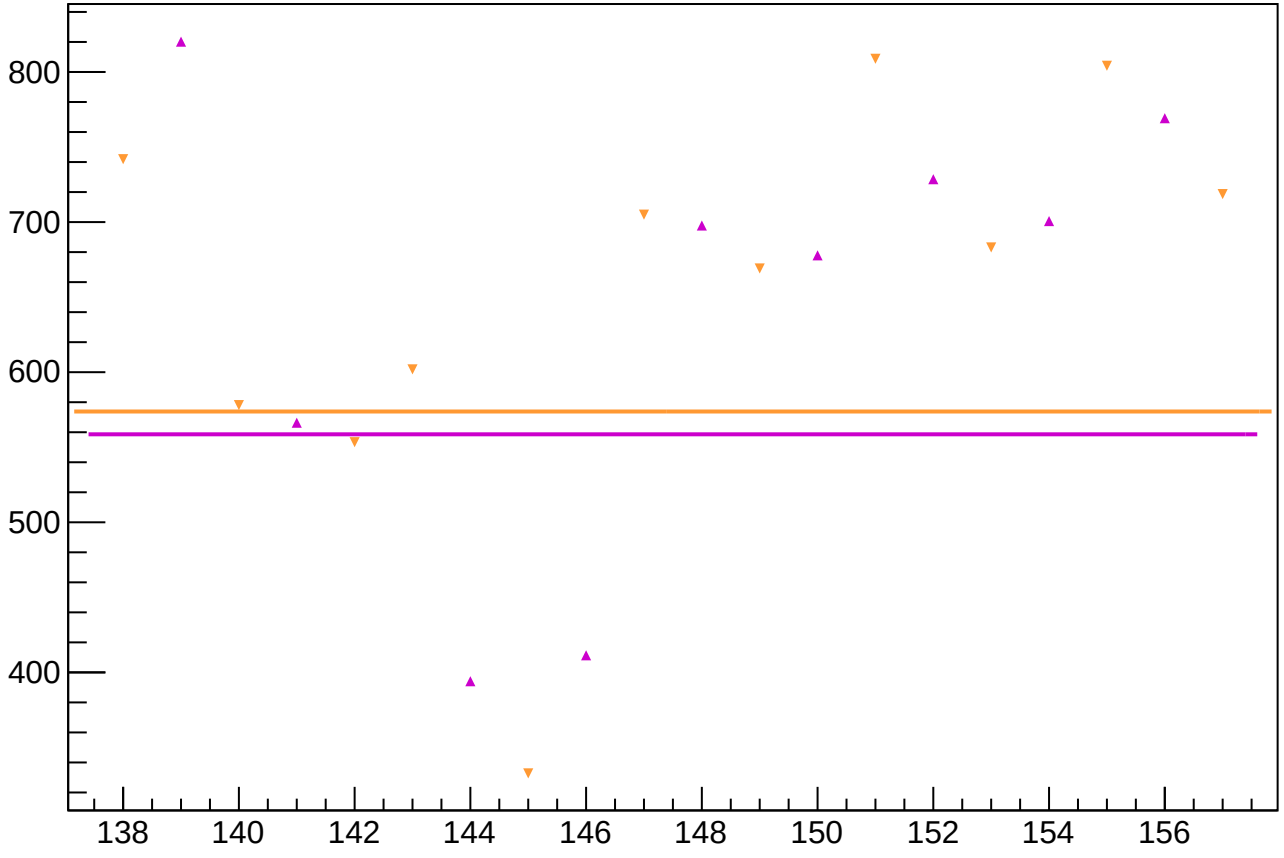
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -76.700+/-213.422 χ^2/NDF:8.9/8

Out: -726.727+/-211.497 χ^2/NDF:31.8/10

All: -404.658+/-150.227 χ^2/NDF: 45.4/19

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 573.813+/-0.150 χ^2/NDF:1291239.2/10

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

Left In: 558.618+/-0.151 χ^2/NDF:1047141.0/8

Left: 566.285+/-0.106 χ^2/NDF: 2343495.2/19

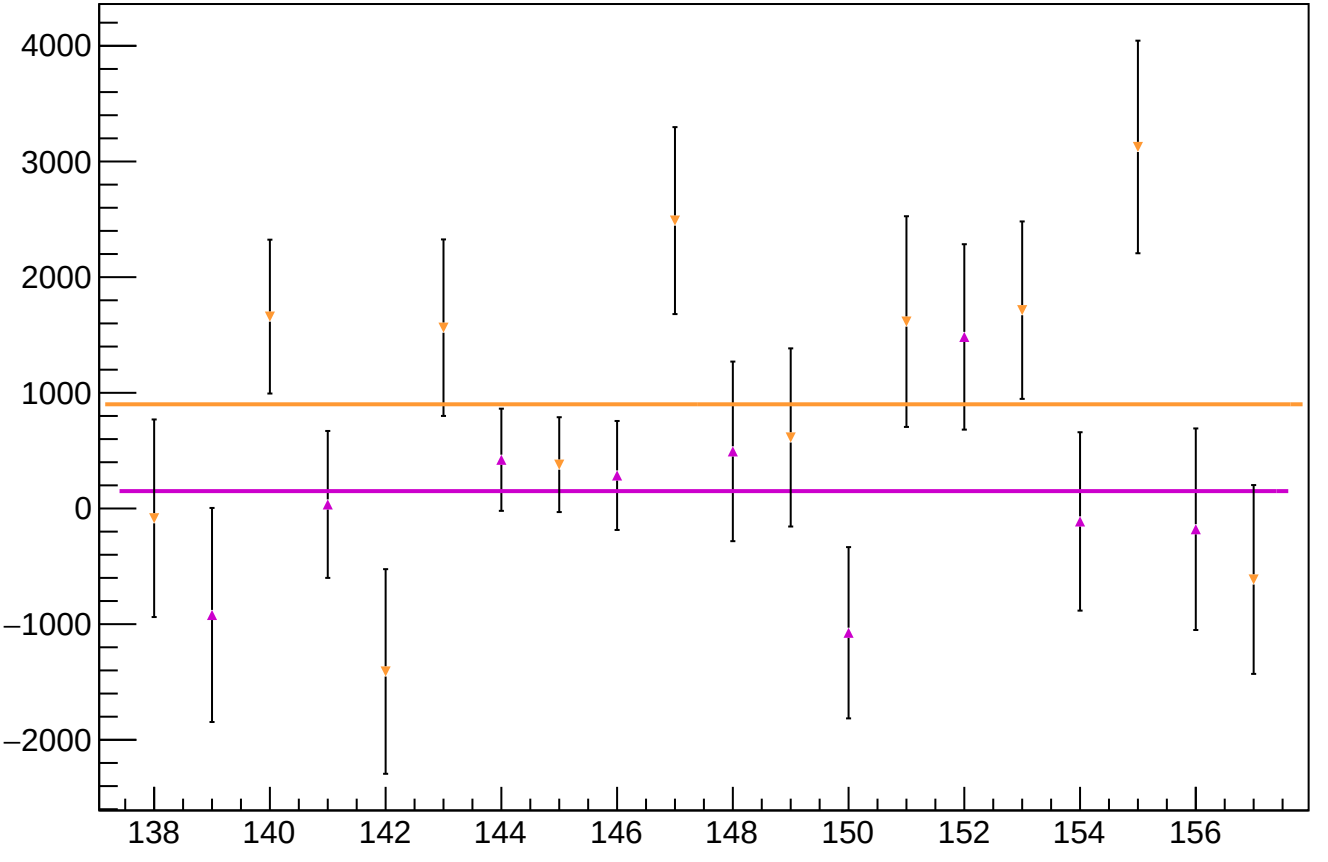
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 558.618+/-0.151 χ^2/NDF:1047141.0/8

Out: 573.813+/-0.150 χ^2/NDF:1291239.2/10

All: 566.285+/-0.106 χ^2/NDF: 2343495.2/19

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 900.872+/-216.260 χ^2/NDF:26.9/10

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

Left In: 150.224+/-216.591 χ^2/NDF:7.8/8

Left: 526.122+/-153.036 χ^2/NDF: 40.7/19

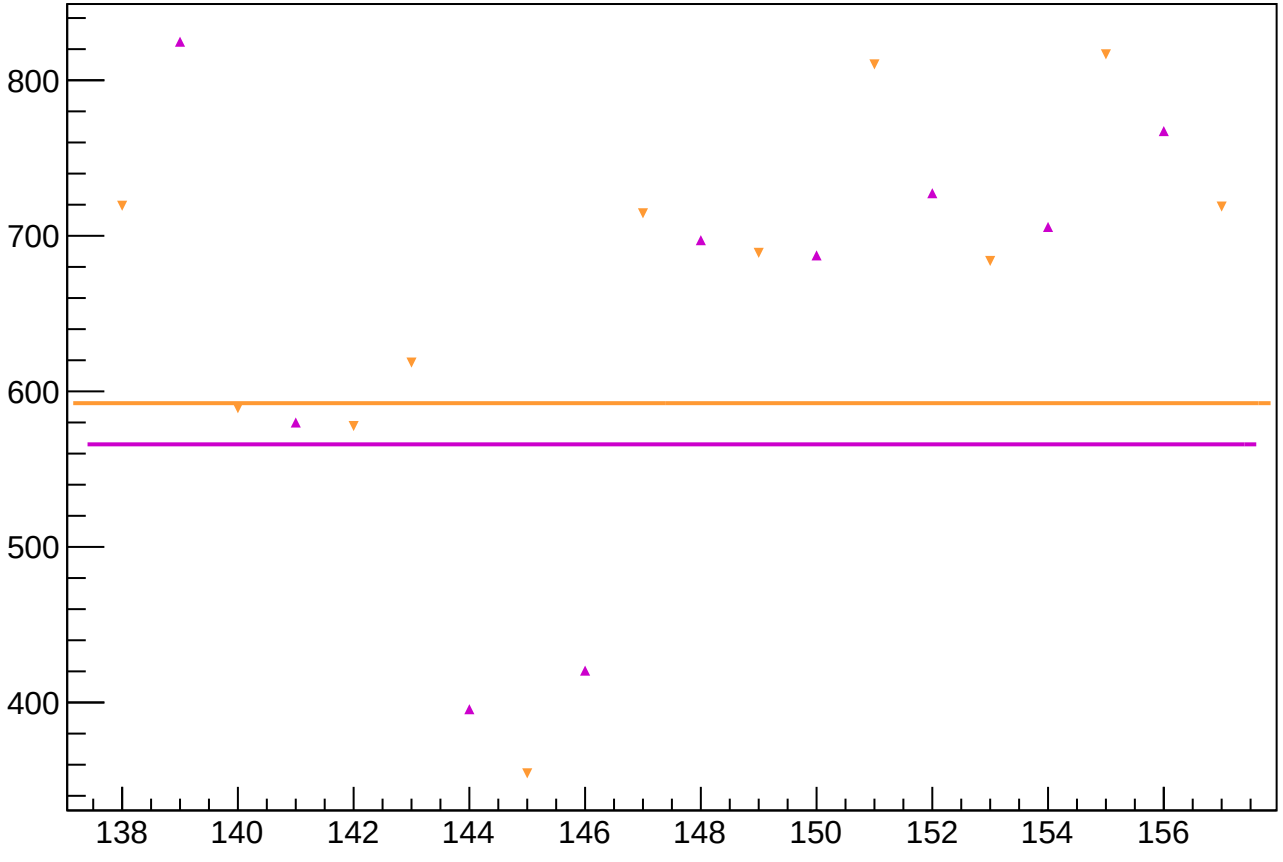
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 150.224+/-216.591 χ^2/NDF:7.8/8

Out: 900.872+/-216.260 χ^2/NDF:26.9/10

All: 526.122+/-153.036 χ^2/NDF: 40.7/19

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 592.414+/-0.153 χ^2/NDF:1107659.4/10

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

Left In: 565.944+/-0.153 χ^2/NDF:1010047.4/8

Left: 579.200+/-0.108 χ^2/NDF: 2132665.4/19

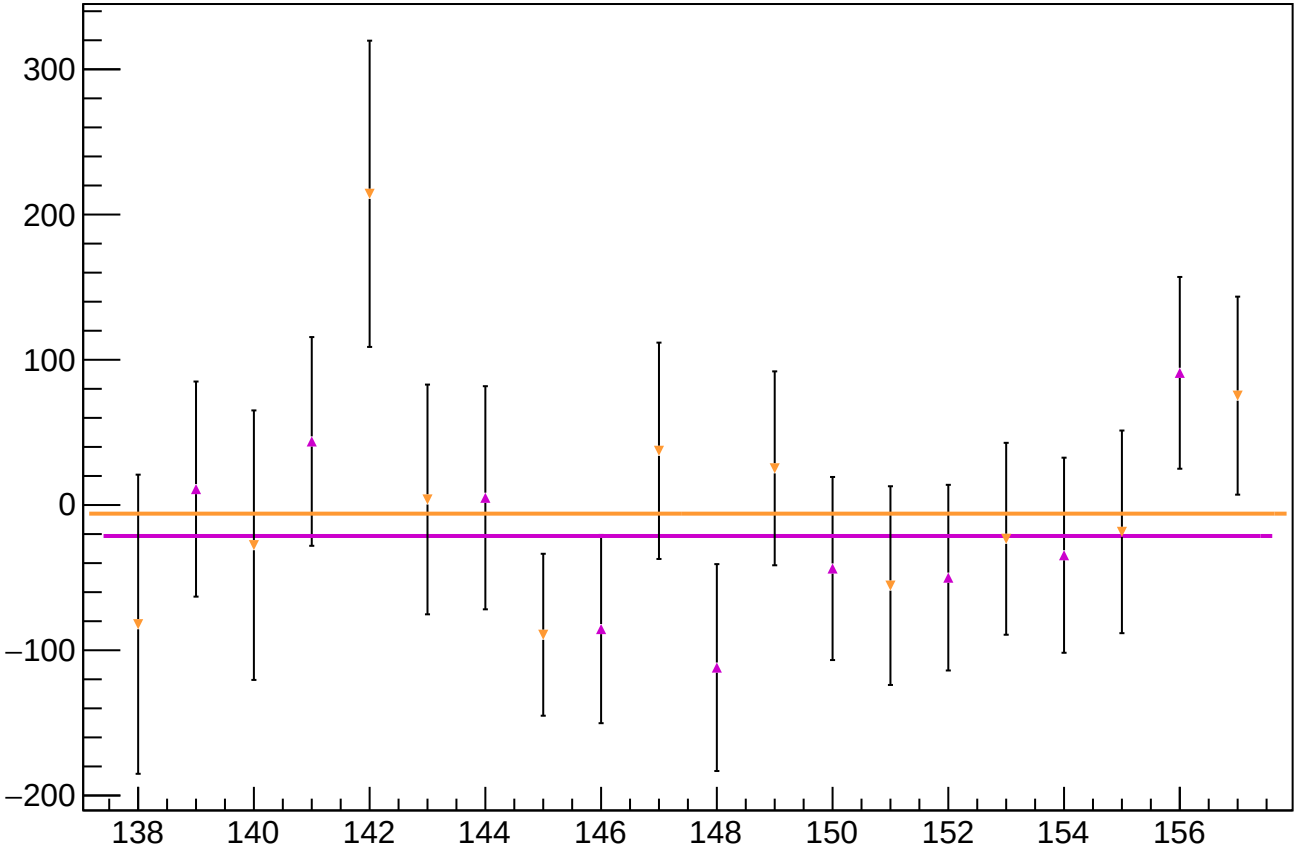
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 565.944+/-0.153 χ^2/NDF:1010047.4/8

Out: 592.414+/-0.153 χ^2/NDF:1107659.4/10

All: 579.200+/-0.108 χ^2/NDF: 2132665.4/19

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: -5.938+/-22.086 χ^2/NDF:9.8/10

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

Left In: -21.318+/-22.772 χ^2/NDF:7.0/8

Left: -13.392+/-15.854 χ^2/NDF: 17.0/19

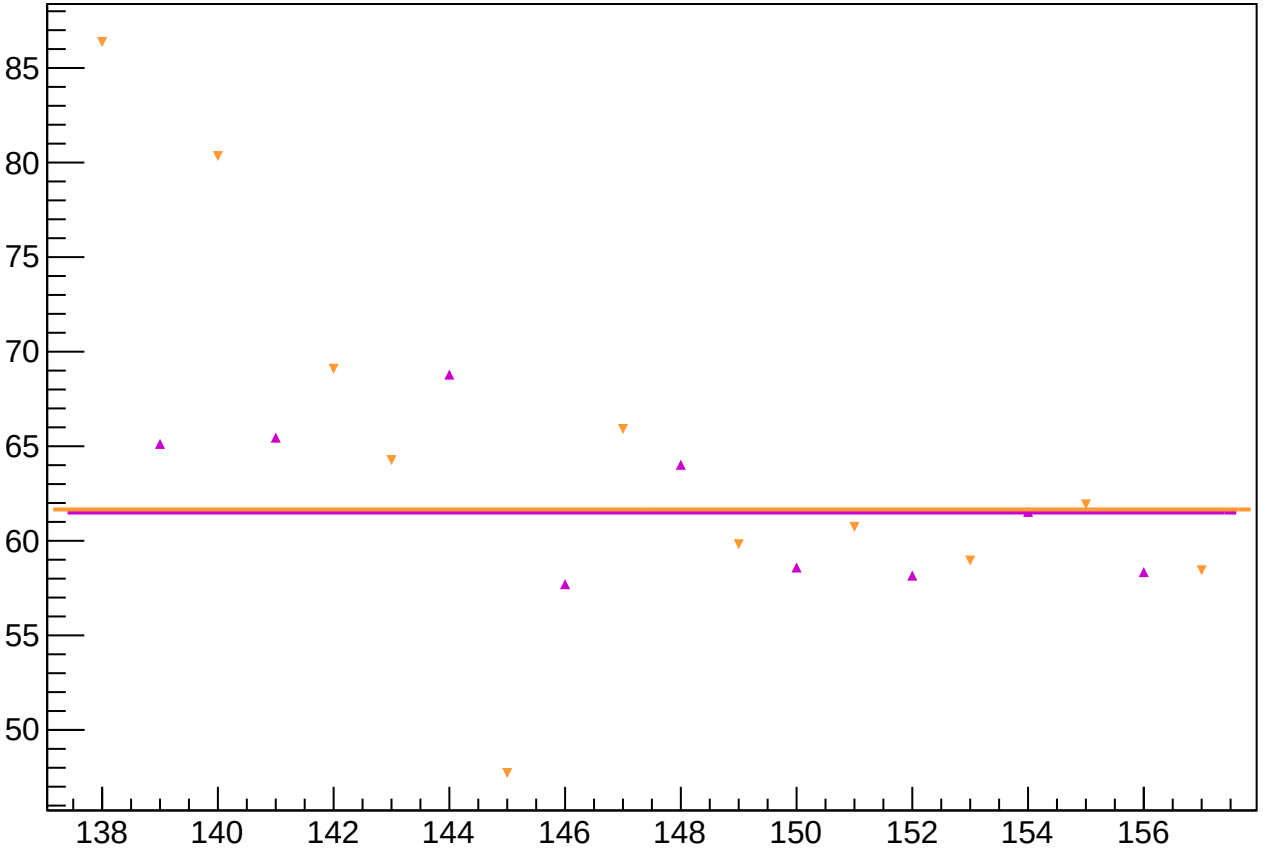
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.318+/-22.772 χ^2/NDF:7.0/8

Out: -5.938+/-22.086 χ^2/NDF:9.8/10

All: -13.392+/-15.854 χ^2/NDF: 17.0/19

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: 61.657+/-0.016 χ^2/NDF:349622.9/10

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

Left In: 61.496+/-0.016 χ^2/NDF:52497.9/8

Left: 61.579+/-0.011 χ^2/NDF: 402172.7/19

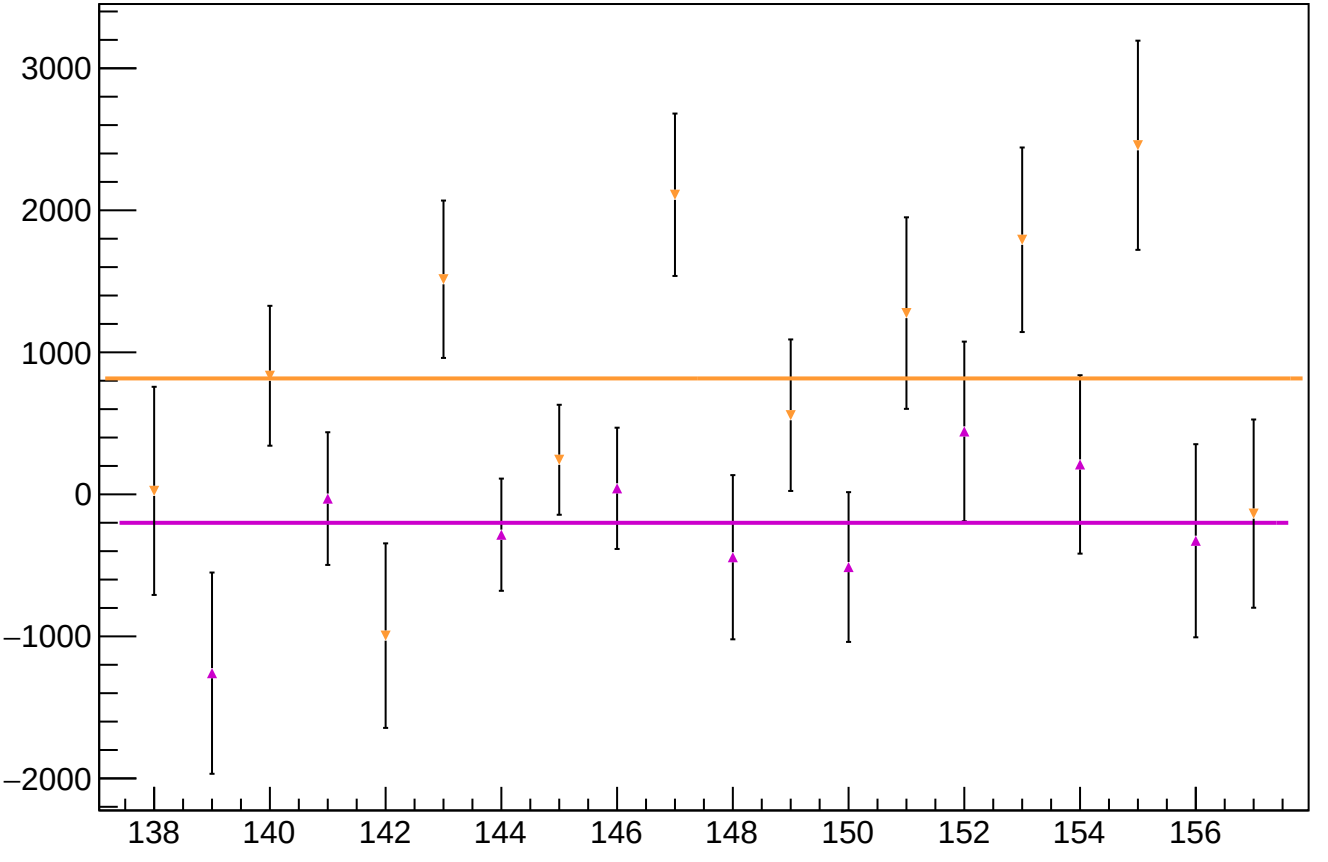
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.496+/-0.016 χ^2/NDF:52497.9/8

Out: 61.657+/-0.016 χ^2/NDF:349622.9/10

All: 61.579+/-0.011 χ^2/NDF: 402172.7/19

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: 816.178+/-172.660 χ^2/NDF:27.8/10

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

Left In: -200.349+/-176.072 χ^2/NDF:4.8/8

Left: 317.859+/-123.277 χ^2/NDF: 49.6/19

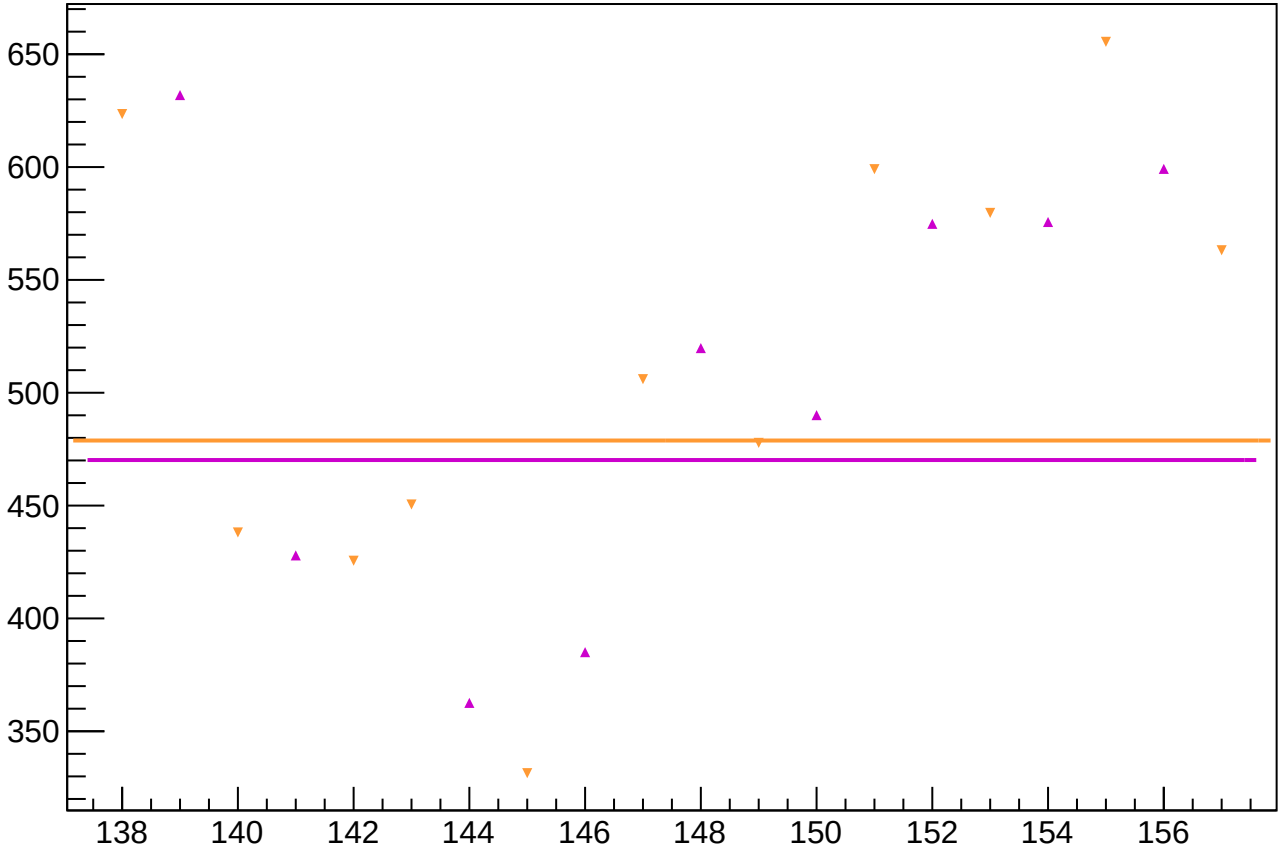
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -200.349+/-176.072 χ^2/NDF:4.8/8

Out: 816.178+/-172.660 χ^2/NDF:27.8/10

All: 317.859+/-123.277 χ^2/NDF: 49.6/19

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: 478.833+/-0.122 χ^2/NDF:663921.4/10

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

Left In: 470.184+/-0.125 χ^2/NDF:549248.2/8

Left: 474.593+/-0.087 χ^2/NDF: 1215629.3/19

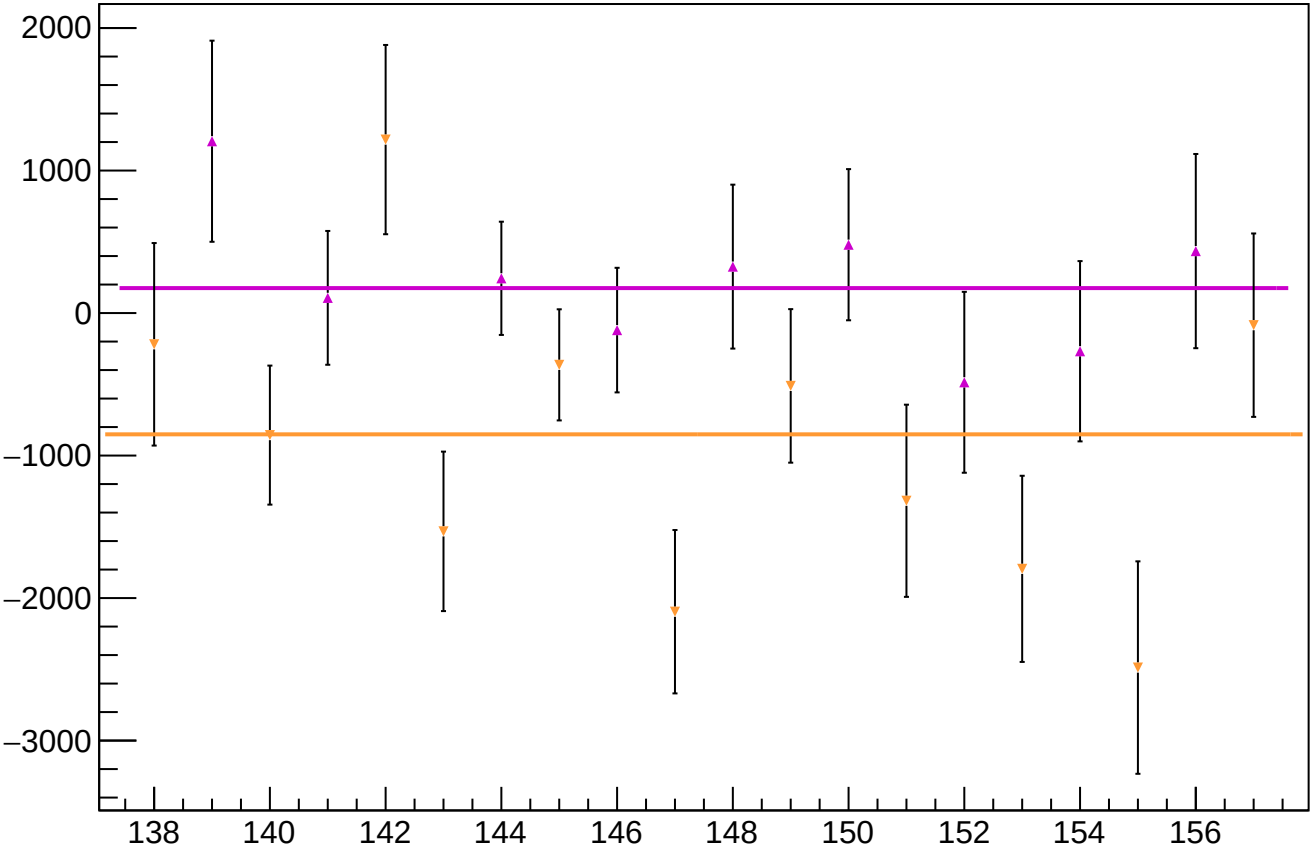
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 470.184+/-0.125 χ^2/NDF:549248.2/8

Out: 478.833+/-0.122 χ^2/NDF:663921.4/10

All: 474.593+/-0.087 χ^2/NDF: 1215629.3/19

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -851.024+/-172.853 χ^2/NDF:27.5/10

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

Left In: 175.153+/-177.261 χ^2/NDF:4.8/8

Left: -350.854+/-123.754 χ^2/NDF: 49.4/19

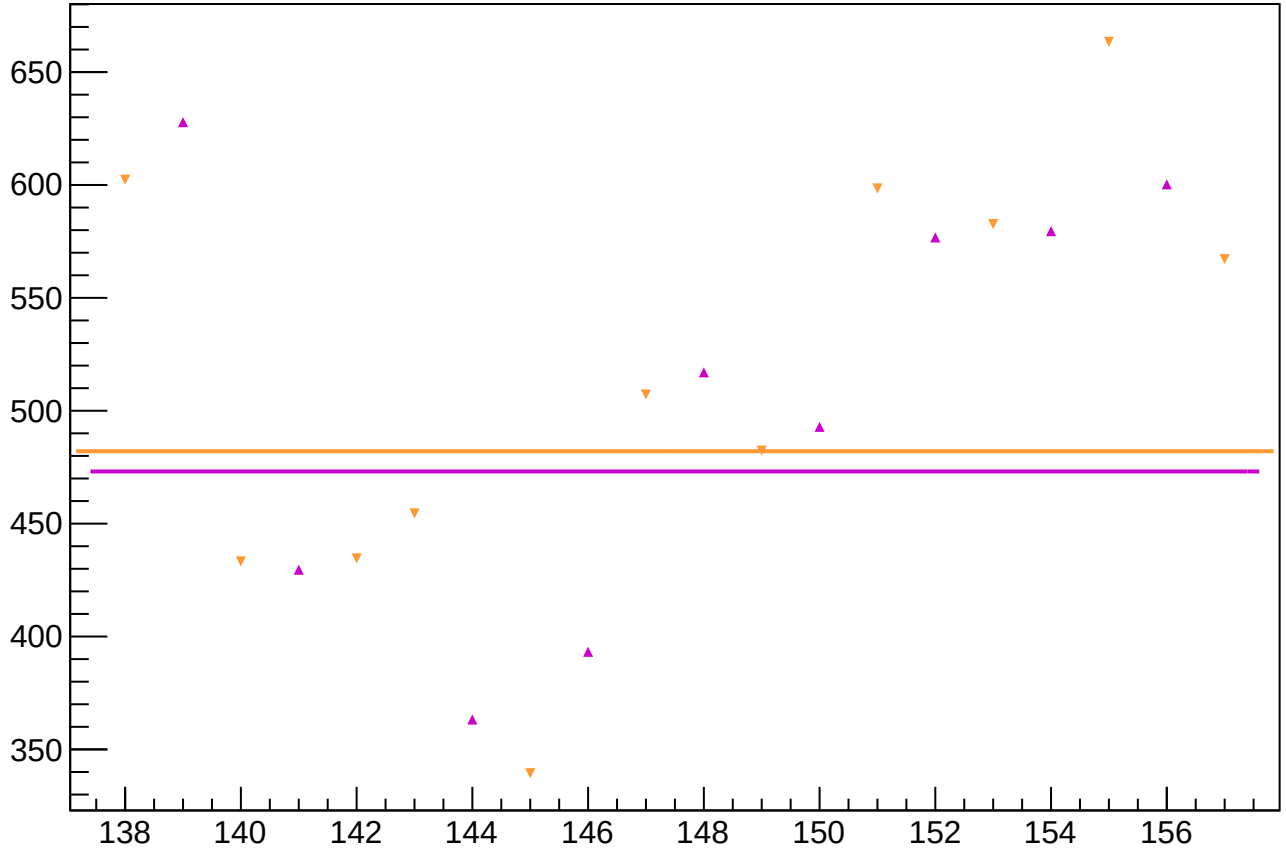
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 175.153+/-177.261 χ^2/NDF:4.8/8

Out: -851.024+/-172.853 χ^2/NDF:27.5/10

All: -350.854+/-123.754 χ^2/NDF: 49.4/19

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 482.083+/-0.122 χ^2/NDF:624052.5/10

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

Left In: 473.102+/-0.125 χ^2/NDF:527099.3/8

Left: 477.706+/-0.088 χ^2/NDF: 1153783.4/19

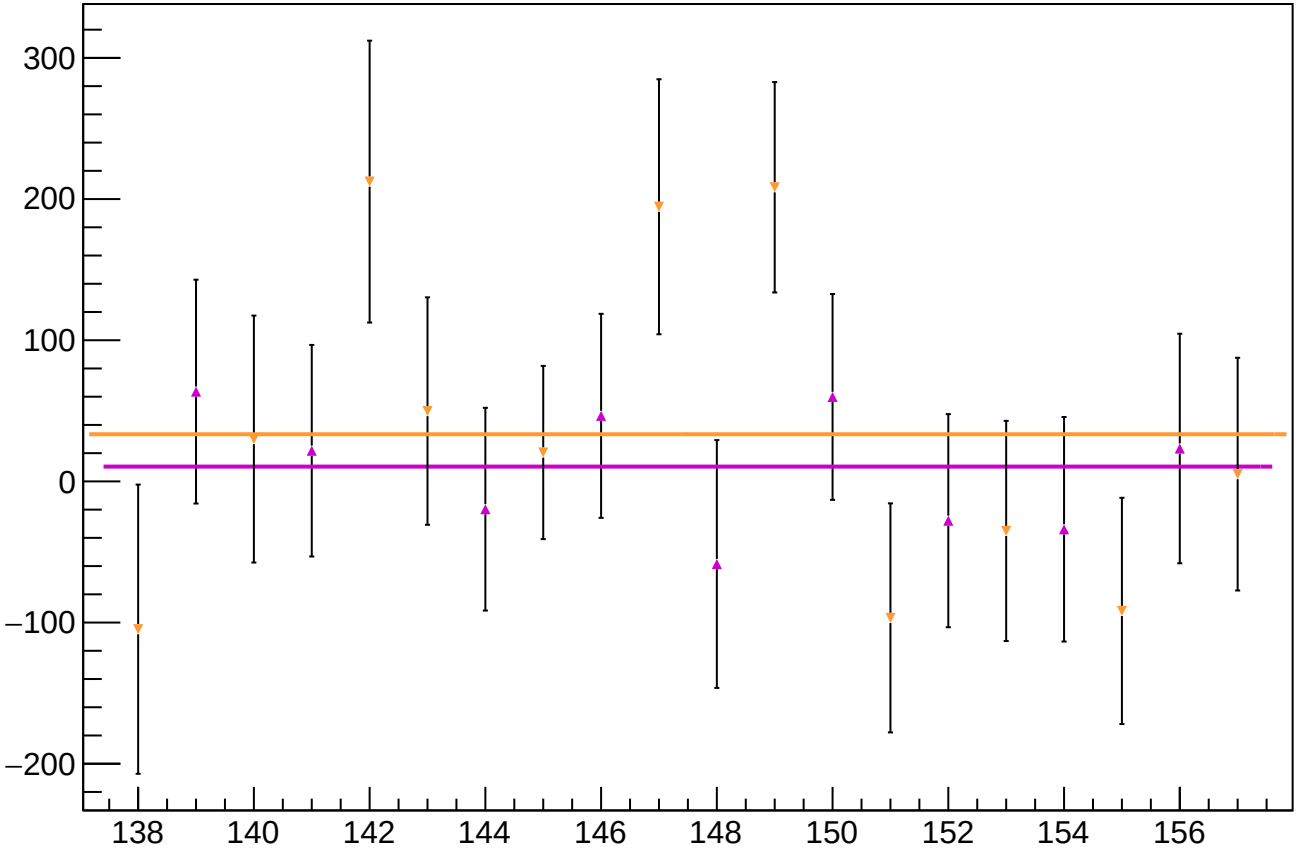
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 473.102+/-0.125 χ^2/NDF:527099.3/8

Out: 482.083+/-0.122 χ^2/NDF:624052.5/10

All: 477.706+/-0.088 χ^2/NDF: 1153783.4/19

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: 33.406+/-24.486 χ^2/NDF:19.7/10

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

Left In: 10.488+/-25.605 χ^2/NDF:2.6/8

Left: 22.458+/-17.697 χ^2/NDF: 22.7/19

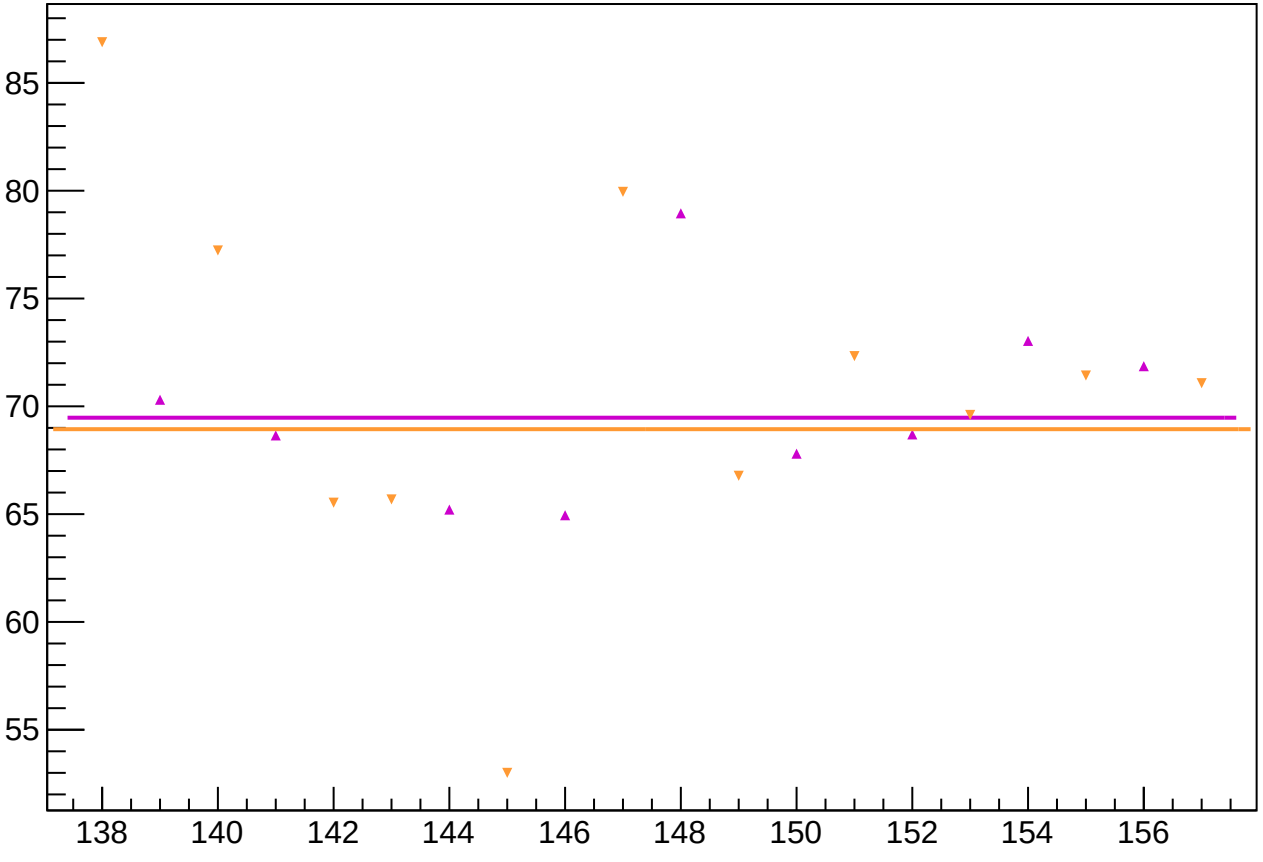
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.488+/-25.605 χ^2/NDF:2.6/8

Out: 33.406+/-24.486 χ^2/NDF:19.7/10

All: 22.458+/-17.697 χ^2/NDF: 22.7/19

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: 68.940+/-0.017 χ^2/NDF:258235.0/10

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

Left In: 69.472+/-0.018 χ^2/NDF:45662.7/8

Left: 69.194+/-0.013 χ^2/NDF: 304348.5/19

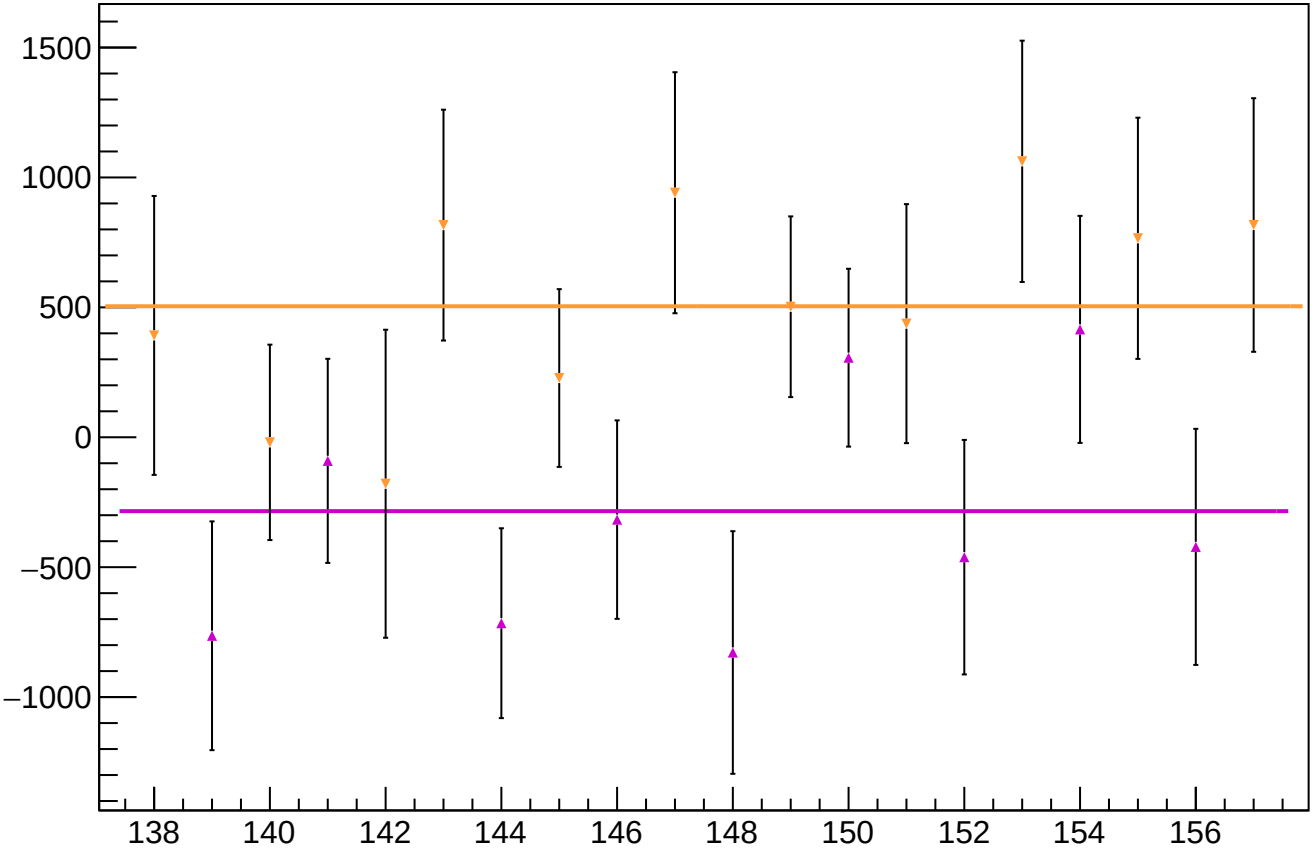
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 69.472+/-0.018 χ^2/NDF:45662.7/8

Out: 68.940+/-0.017 χ^2/NDF:258235.0/10

All: 69.194+/-0.013 χ^2/NDF: 304348.5/19

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: 504.199+/-131.171 χ^2/NDF:7.5/10

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

Left In: -284.352+/-135.947 χ^2/NDF:10.0/8

Left: 124.019+/-94.395 χ^2/NDF: 34.9/19

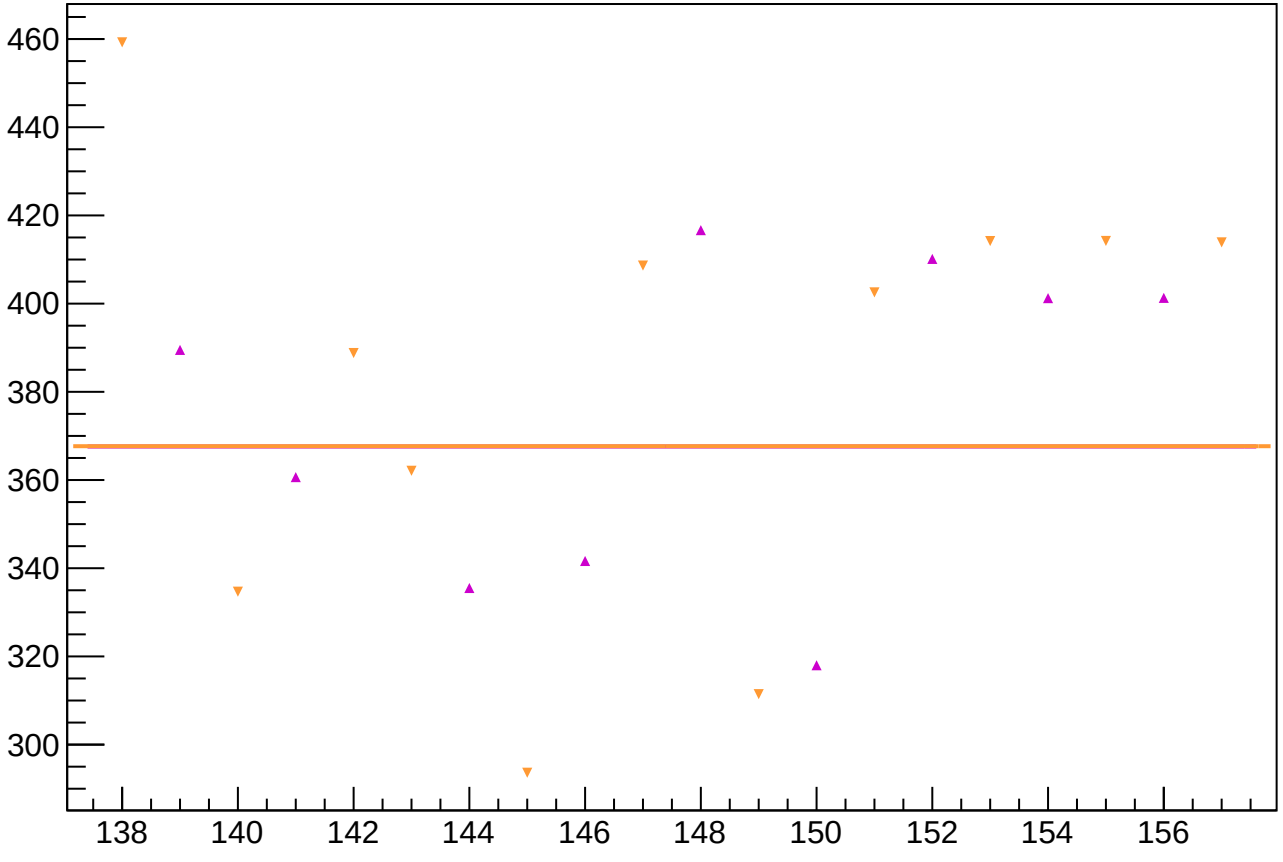
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -284.352+/-135.947 χ^2/NDF:10.0/8

Out: 504.199+/-131.171 χ^2/NDF:7.5/10

All: 124.019+/-94.395 χ^2/NDF: 34.9/19

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: 367.668+/-0.093 χ^2/NDF:307653.7/10

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

Left In: 367.600+/-0.096 χ^2/NDF:134979.1/8

Left: 367.635+/-0.067 χ^2/NDF: 442633.0/19

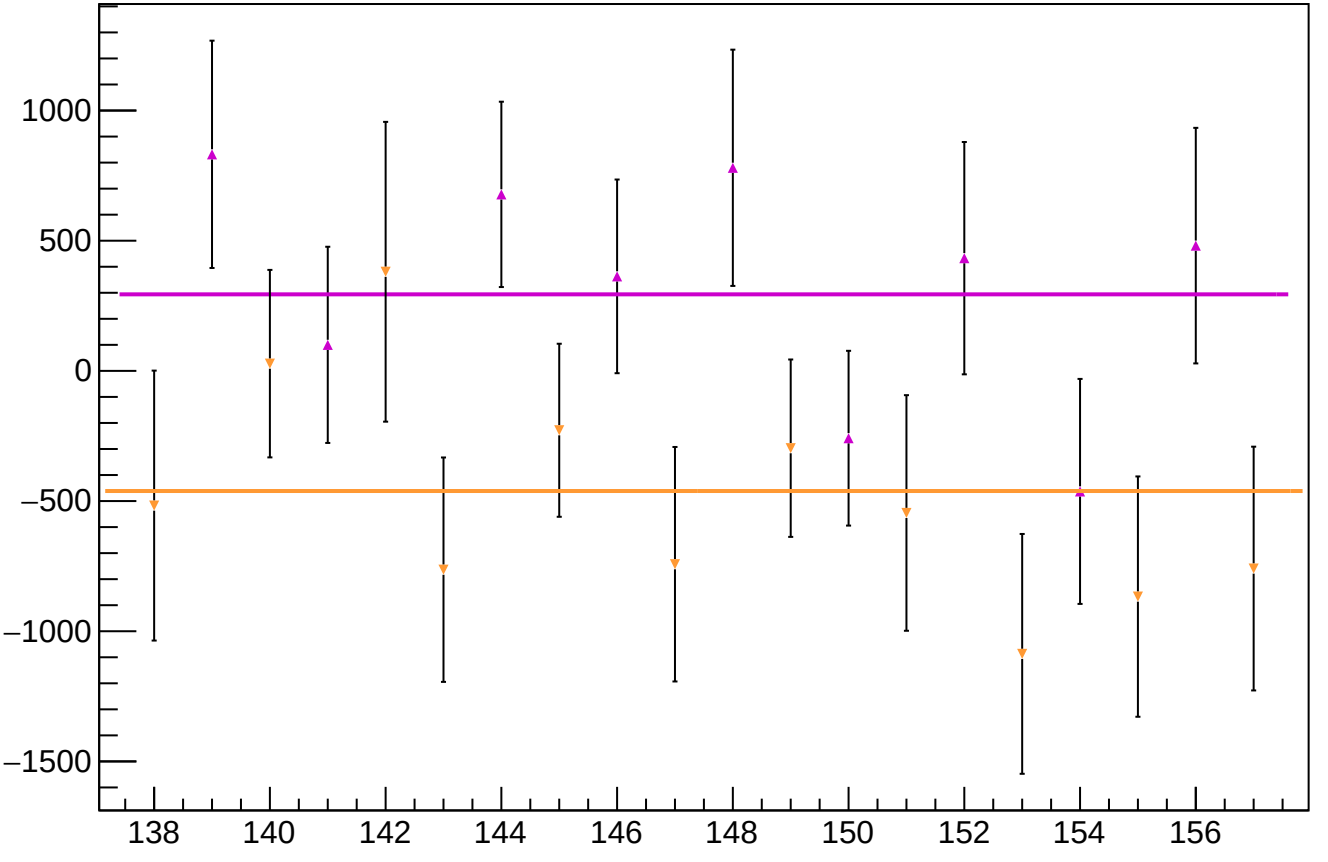
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 367.600+/-0.096 χ^2/NDF:134979.1/8

Out: 367.668+/-0.093 χ^2/NDF:307653.7/10

All: 367.635+/-0.067 χ^2/NDF: 442633.0/19

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -461.424+/-127.731 χ^2/NDF:8.7/10

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

Left In: 293.999+/-133.141 χ^2/NDF:10.2/8

Left: -99.372+/-92.173 χ^2/NDF: 35.6/19

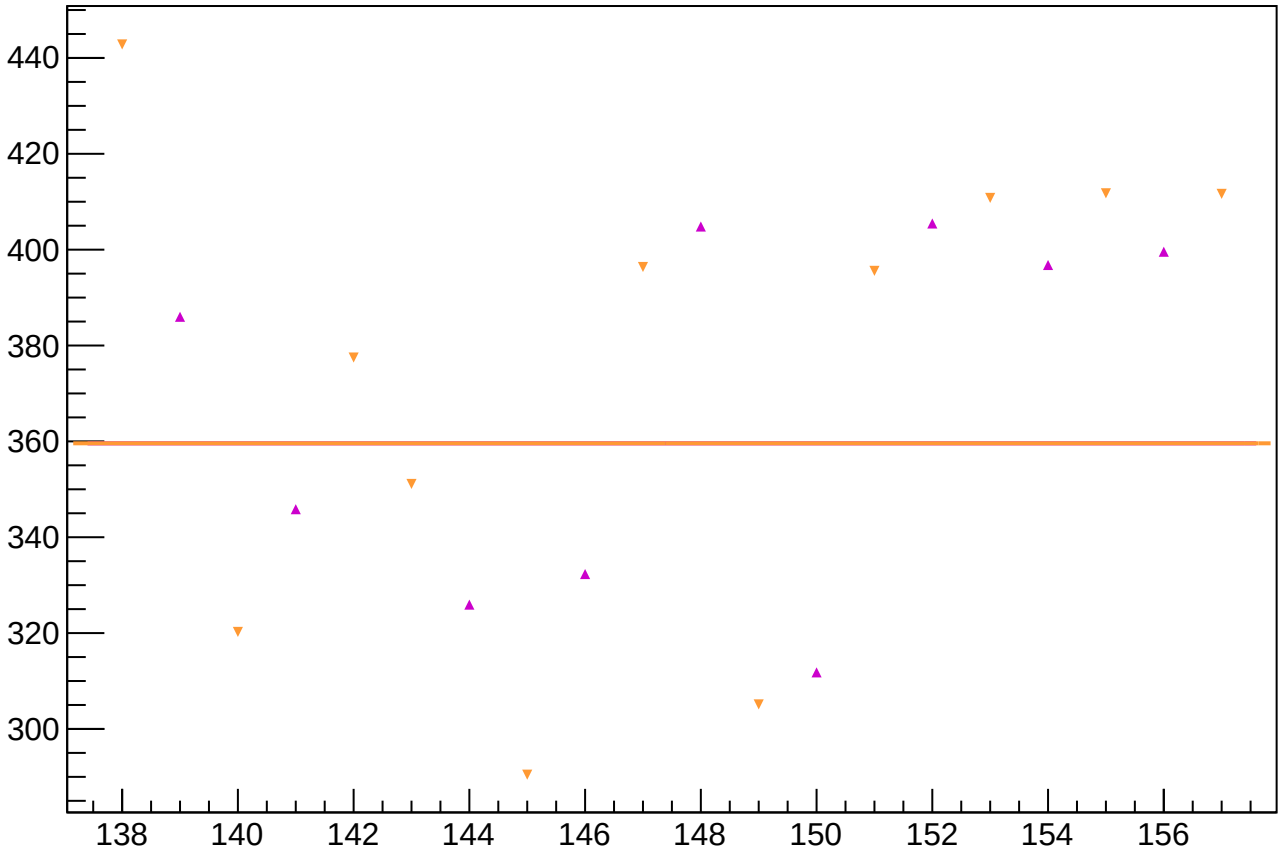
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 293.999+/-133.141 χ^2/NDF:10.2/8

Out: -461.424+/-127.731 χ^2/NDF:8.7/10

All: -99.372+/-92.173 χ^2/NDF: 35.6/19

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 359.596+/-0.090 χ^2/NDF:316821.2/10

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

Left In: 359.586+/-0.094 χ^2/NDF:150617.7/8

Left: 359.591+/-0.065 χ^2/NDF: 467438.9/19

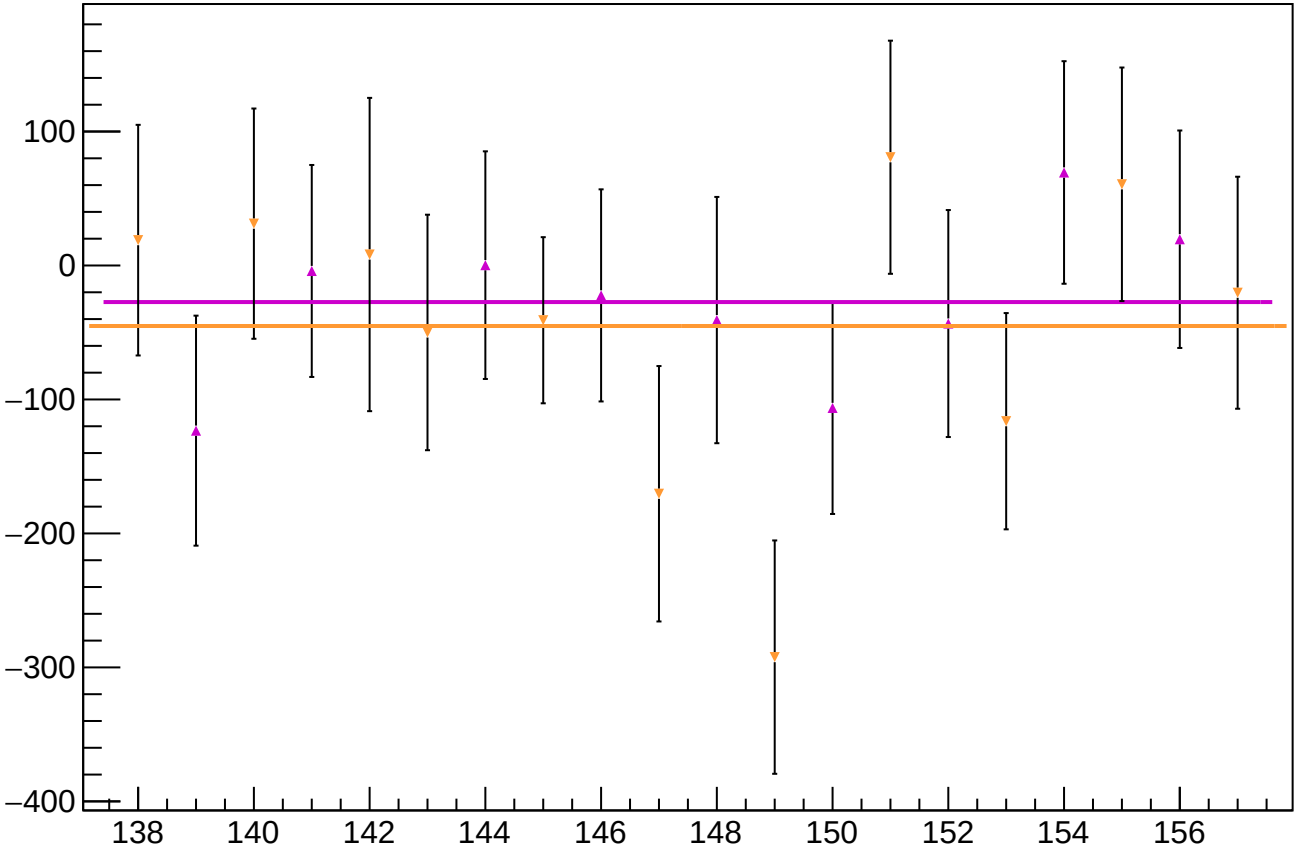
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 359.586+/-0.094 χ^2/NDF:150617.7/8

Out: 359.596+/-0.090 χ^2/NDF:316821.2/10

All: 359.591+/-0.065 χ^2/NDF: 467438.9/19

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: -45.173+/-25.603 χ^2/NDF:15.8/10

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

Left In: -27.298+/-27.654 χ^2/NDF:4.2/8

Left: -36.923+/-18.787 χ^2/NDF: 20.2/19

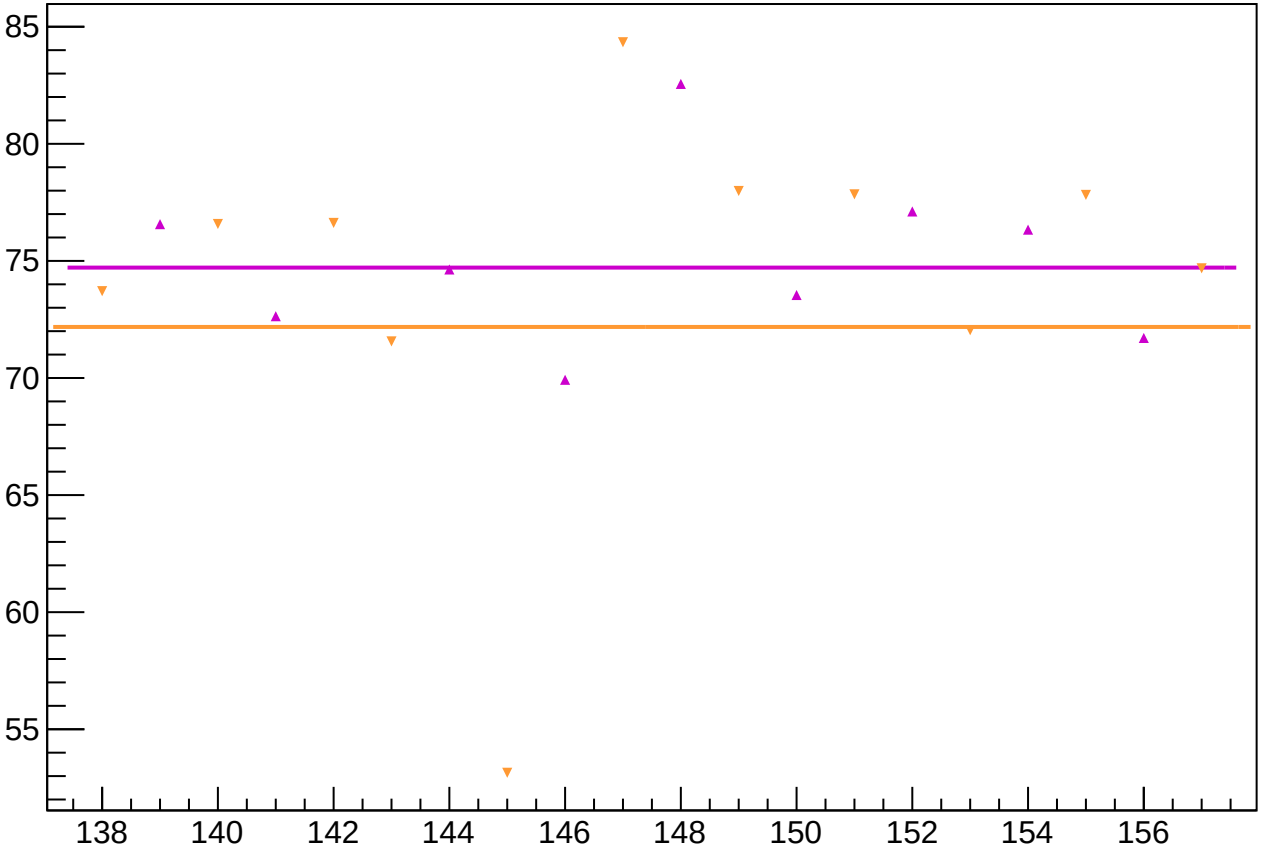
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -27.298+/-27.654 χ^2/NDF:4.2/8

Out: -45.173+/-25.603 χ^2/NDF:15.8/10

All: -36.923+/-18.787 χ^2/NDF: 20.2/19

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: 72.180+/-0.018 χ^2/NDF:257366.0/10

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

Left In: 74.714+/-0.020 χ^2/NDF:29746.5/8

Left: 73.350+/-0.013 χ^2/NDF: 296155.7/19

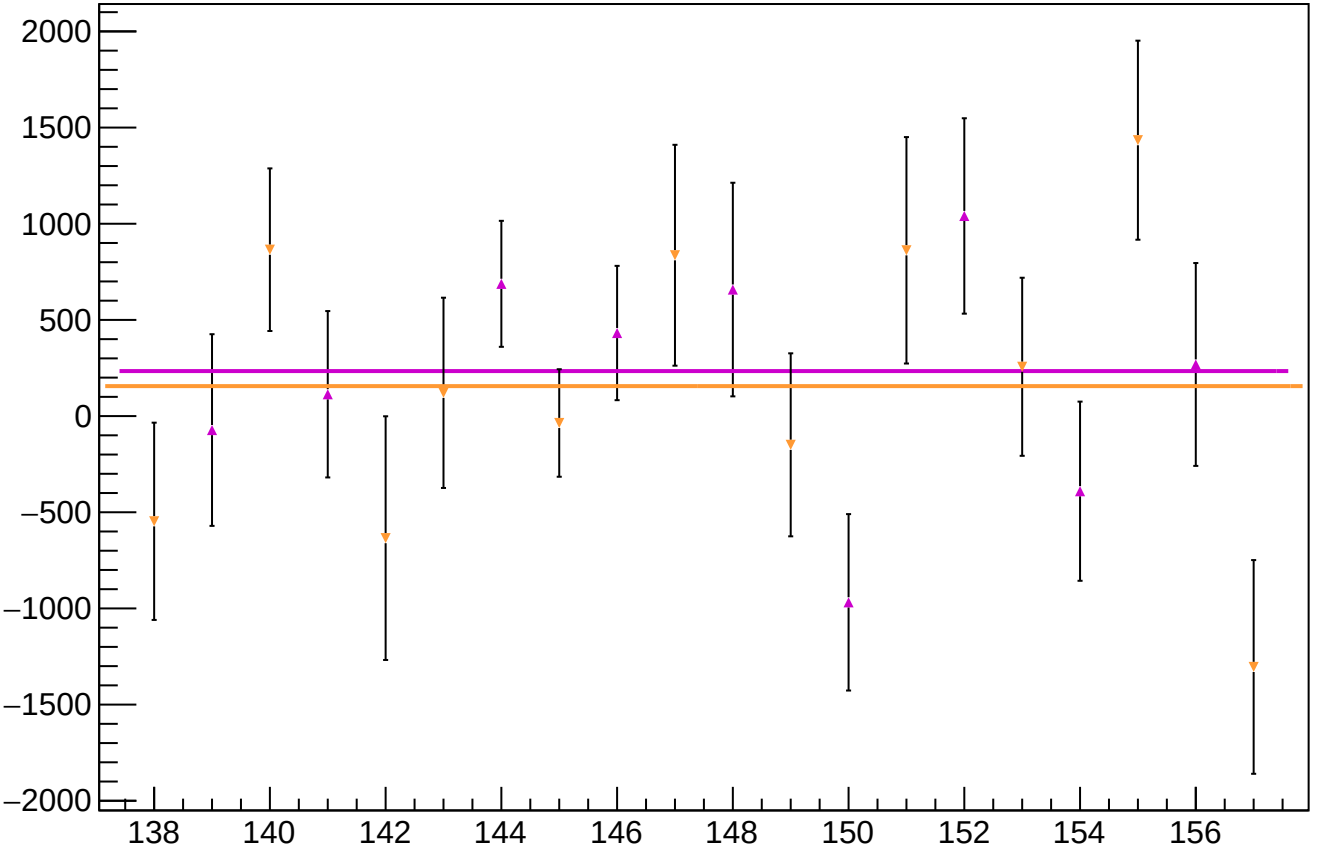
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 74.714+/-0.020 χ^2/NDF:29746.5/8

Out: 72.180+/-0.018 χ^2/NDF:257366.0/10

All: 73.350+/-0.013 χ^2/NDF: 296155.7/19

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: 155.800+/-140.364 χ^2/NDF:23.0/10

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

Left In: 234.016+/-145.903 χ^2/NDF:14.5/8

Left: 193.395+/-101.154 χ^2/NDF: 37.7/19

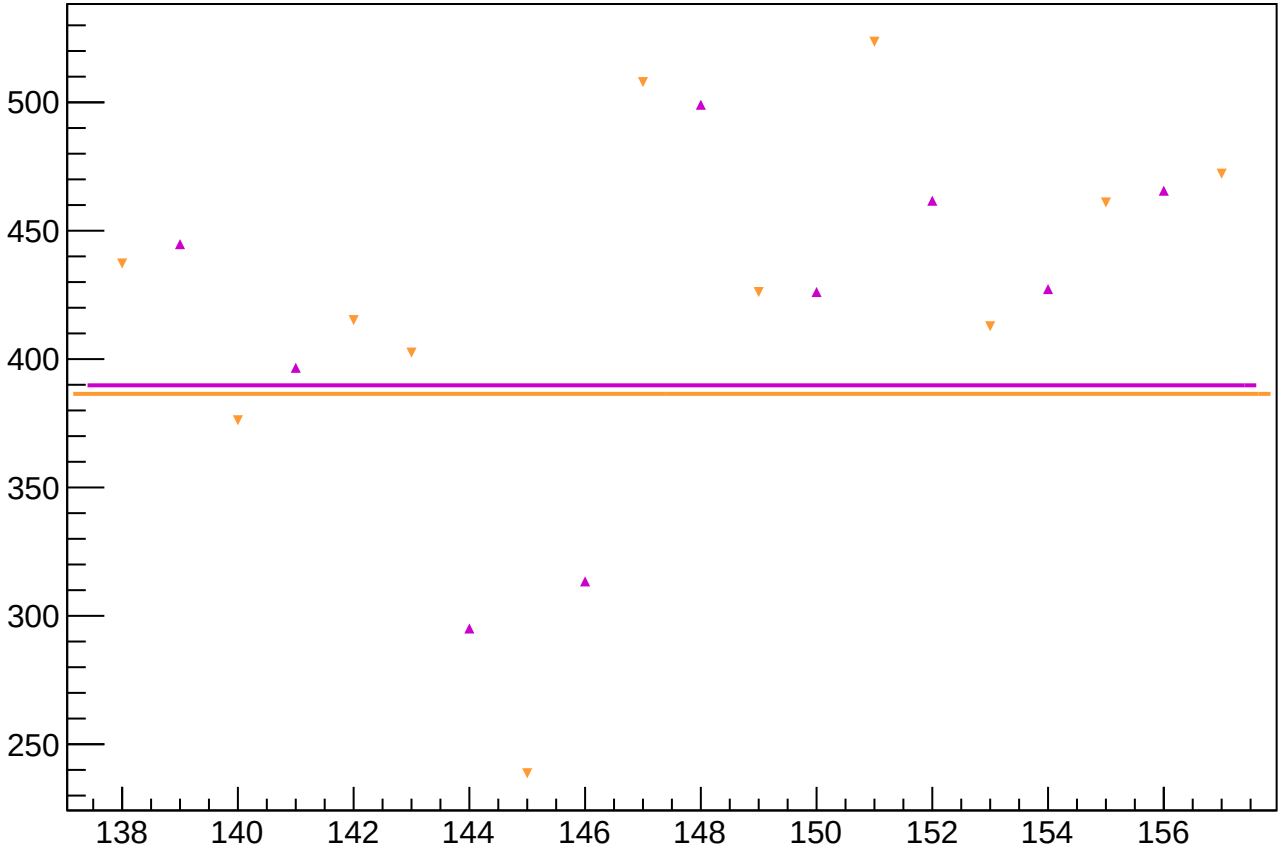
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 234.016+/-145.903 χ^2/NDF:14.5/8

Out: 155.800+/-140.364 χ^2/NDF:23.0/10

All: 193.395+/-101.154 χ^2/NDF: 37.7/19

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: 386.459+/-0.099 χ^2/NDF:893448.1/10

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

Left In: 389.791+/-0.103 χ^2/NDF:472116.7/8

Left: 388.060+/-0.072 χ^2/NDF: 1366106.6/19

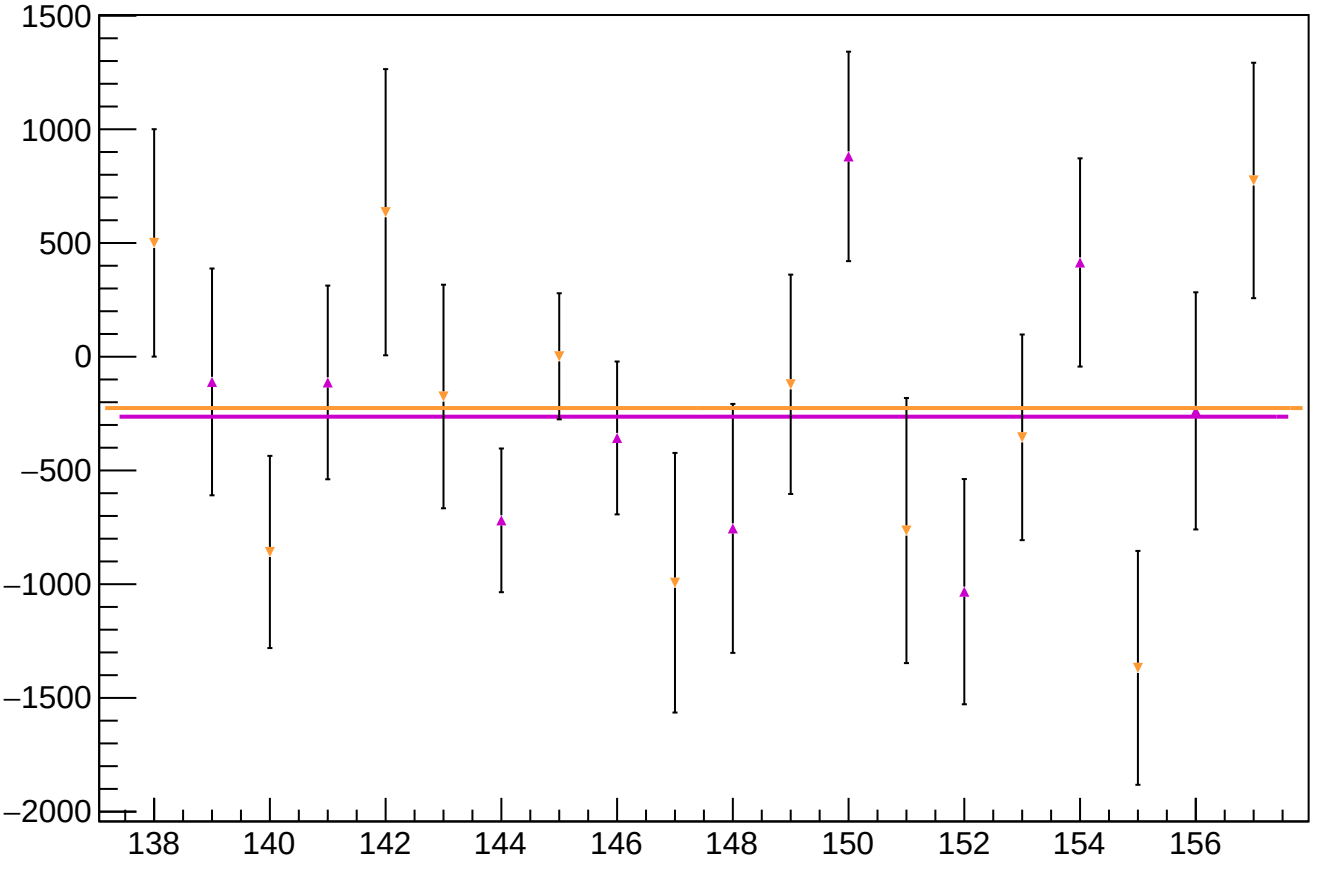
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 389.791+/-0.103 χ^2/NDF:472116.7/8

Out: 386.459+/-0.099 χ^2/NDF:893448.1/10

All: 388.060+/-0.072 χ^2/NDF: 1366106.6/19

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -225.662+/-138.646 χ^2/NDF:18.4/10

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

Left In: -263.620+/-142.849 χ^2/NDF:14.0/8

Left: -244.074+/-99.490 χ^2/NDF: 32.4/19

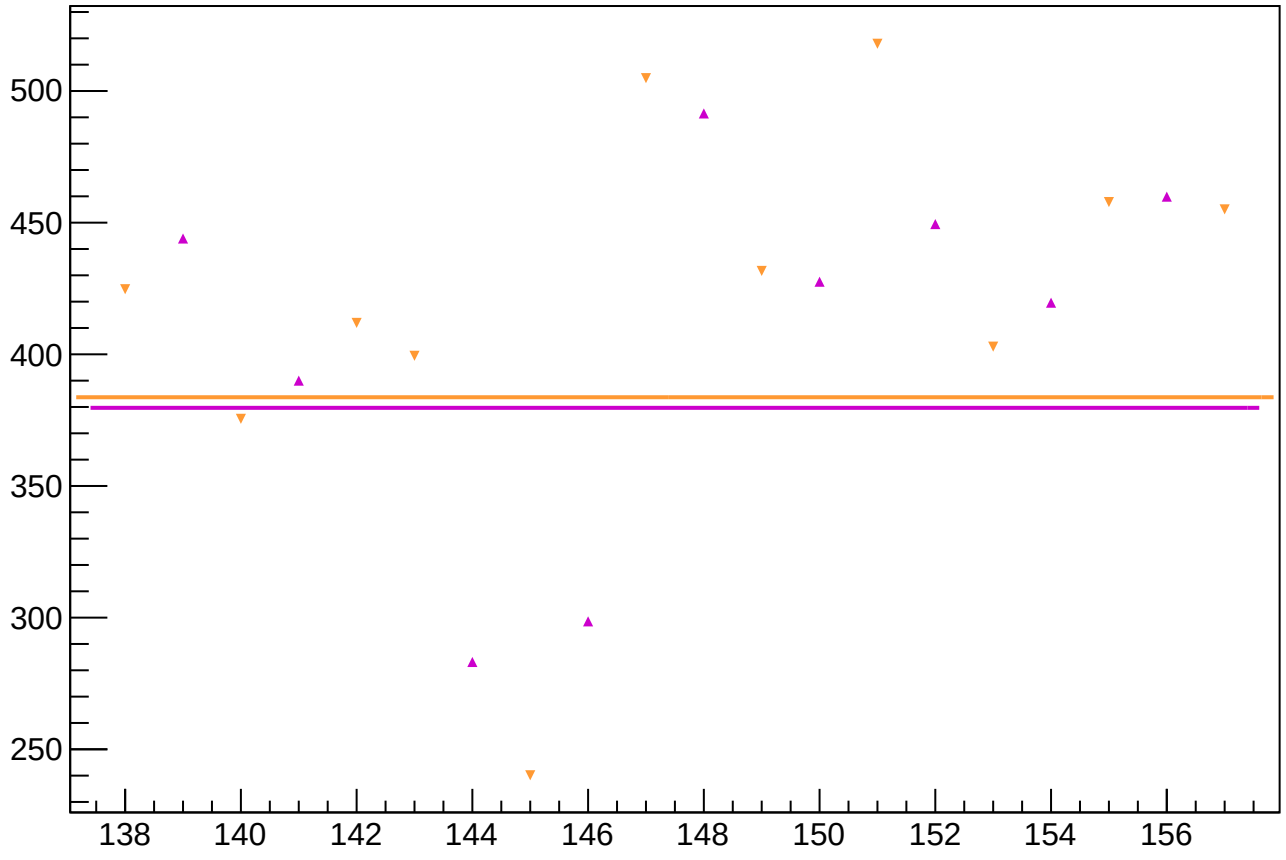
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -263.620+/-142.849 χ^2/NDF:14.0/8

Out: -225.662+/-138.646 χ^2/NDF:18.4/10

All: -244.074+/-99.490 χ^2/NDF: 32.4/19

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 383.696+/-0.098 χ^2/NDF:856428.4/10

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

Left In: 379.677+/-0.101 χ^2/NDF:545052.6/8

Left: 381.747+/-0.070 χ^2/NDF: 1402296.4/19

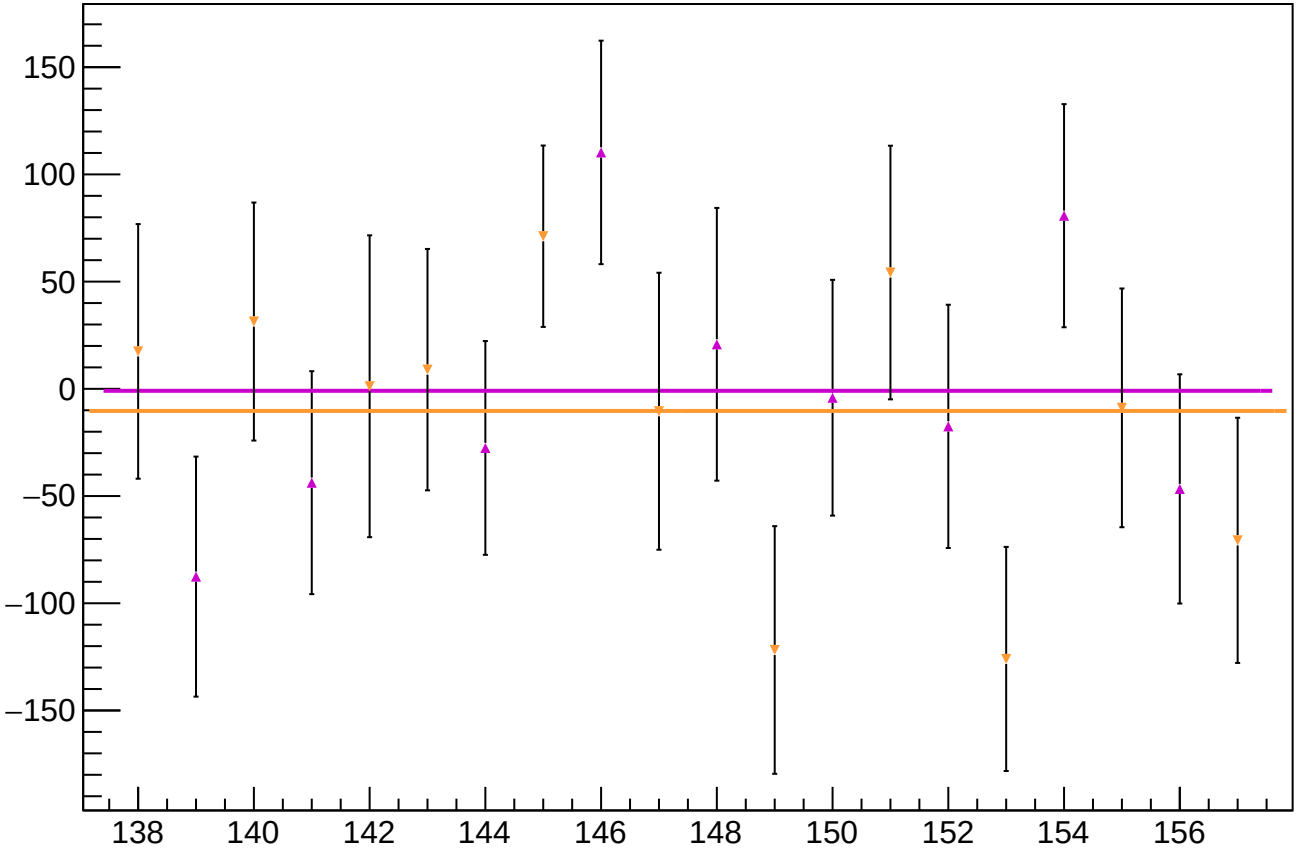
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 379.677+/-0.101 χ^2/NDF:545052.6/8

Out: 383.696+/-0.098 χ^2/NDF:856428.4/10

All: 381.747+/-0.070 χ^2/NDF: 1402296.4/19

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: -10.313+/-16.891 χ^2/NDF:15.6/10

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

Left In: -0.920+/-18.053 χ^2/NDF:11.3/8

Left: -5.929+/-12.334 χ^2/NDF: 27.0/19

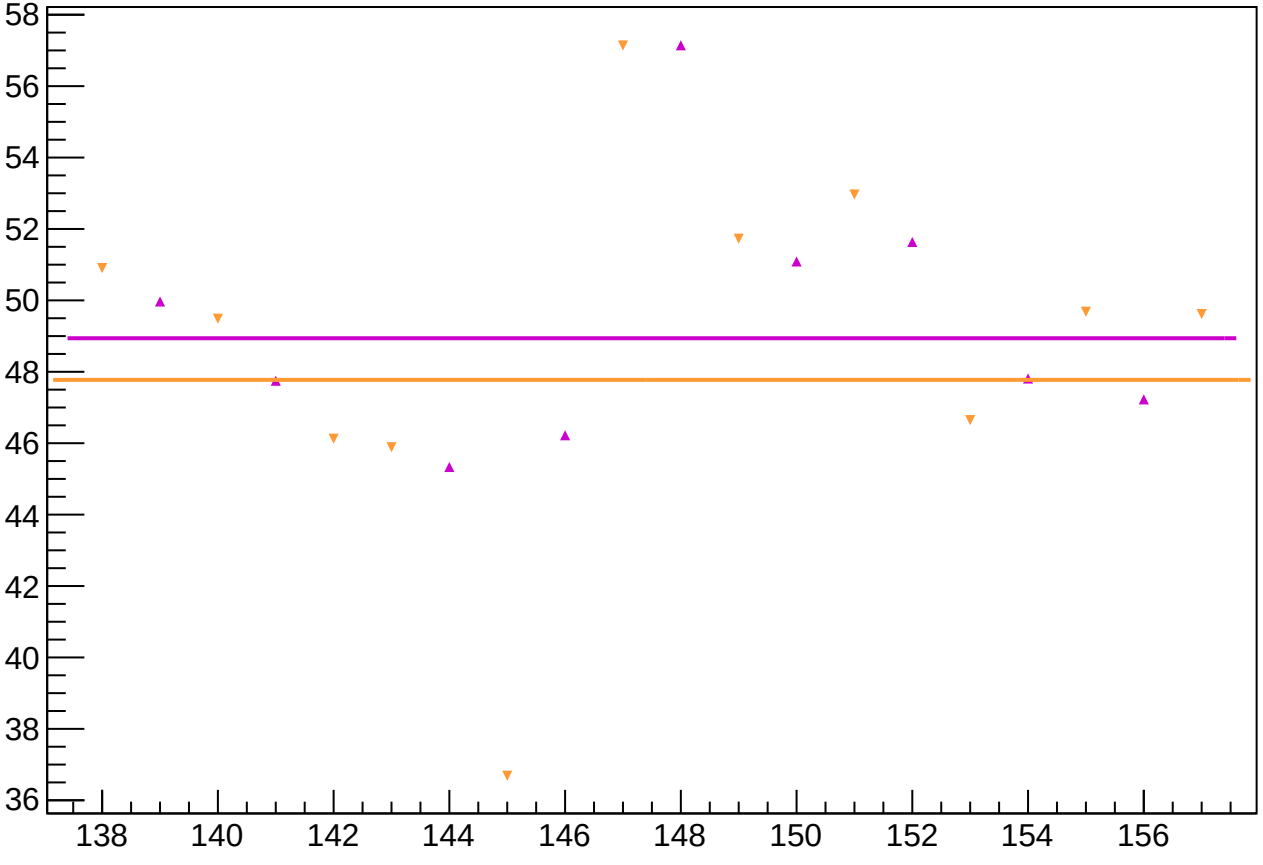
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.920+/-18.053 χ^2/NDF:11.3/8

Out: -10.313+/-16.891 χ^2/NDF:15.6/10

All: -5.929+/-12.334 χ^2/NDF: 27.0/19

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: 47.774+/-0.012 χ^2/NDF:220403.2/10

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

Left In: 48.940+/-0.013 χ^2/NDF:61479.1/8

Left: 48.318+/-0.009 χ^2/NDF: 286329.2/19

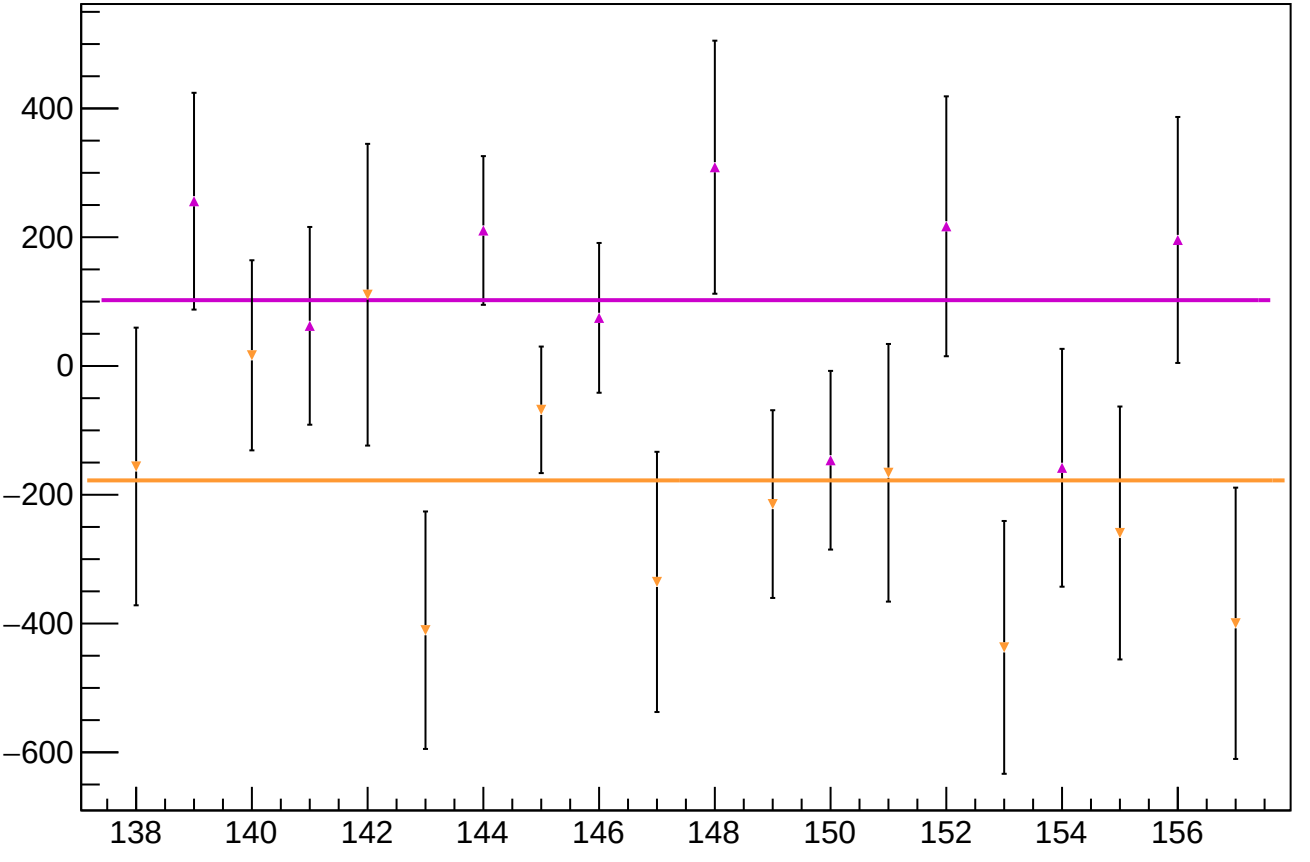
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 48.940+/-0.013 χ^2/NDF:61479.1/8

Out: 47.774+/-0.012 χ^2/NDF:220403.2/10

All: 48.318+/-0.009 χ^2/NDF: 286329.2/19

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: -177.689+/-50.669 χ^2/NDF:9.8/10

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

Left In: 102.236+/-50.919 χ^2/NDF:8.7/8

Left: -38.416+/-35.917 χ^2/NDF: 33.7/19

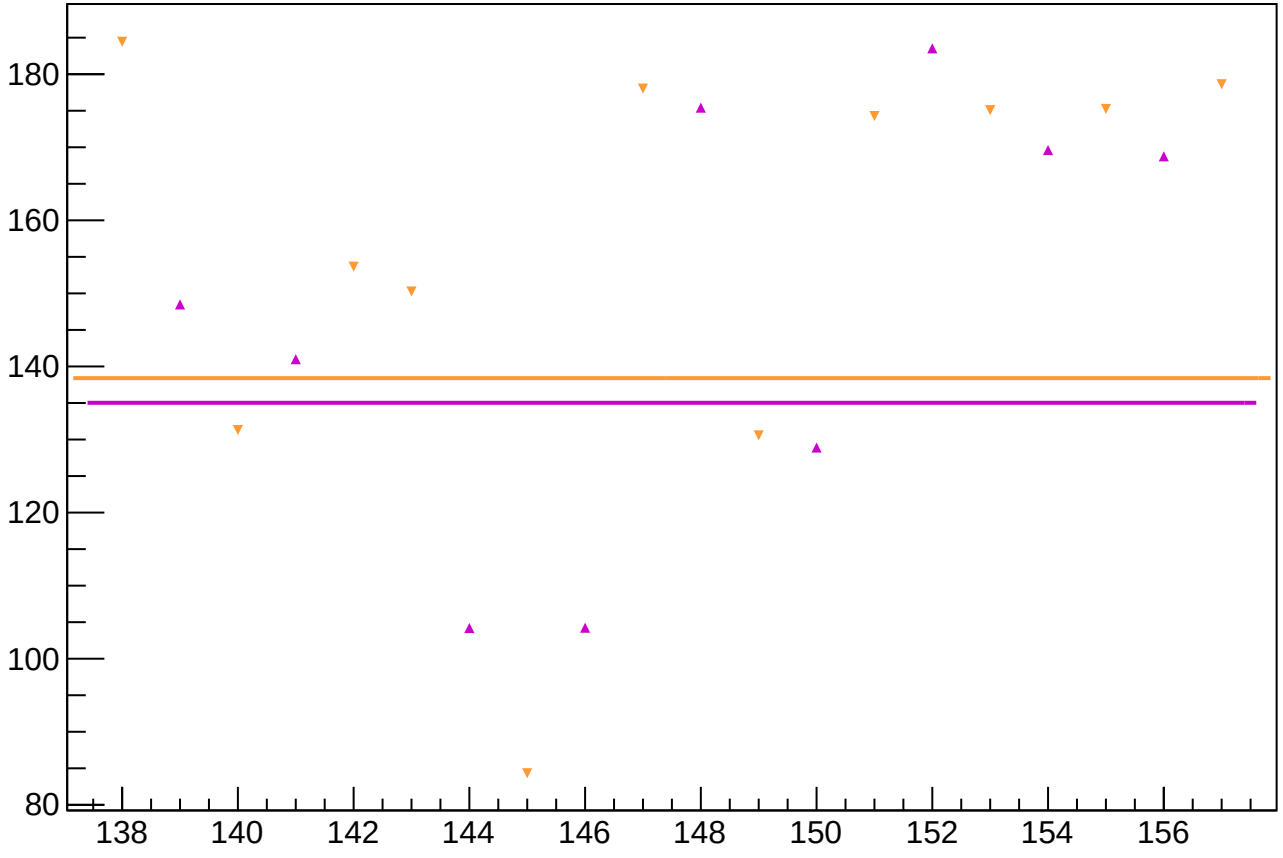
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 102.236+/-50.919 χ^2/NDF:8.7/8

Out: -177.689+/-50.669 χ^2/NDF:9.8/10

All: -38.416+/-35.917 χ^2/NDF: 33.7/19

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: 138.401+/-0.036 χ^2/NDF:1078497.3/10

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

Left In: 135.027+/-0.036 χ^2/NDF:634851.6/8

Left: 136.722+/-0.025 χ^2/NDF: 1717762.0/19

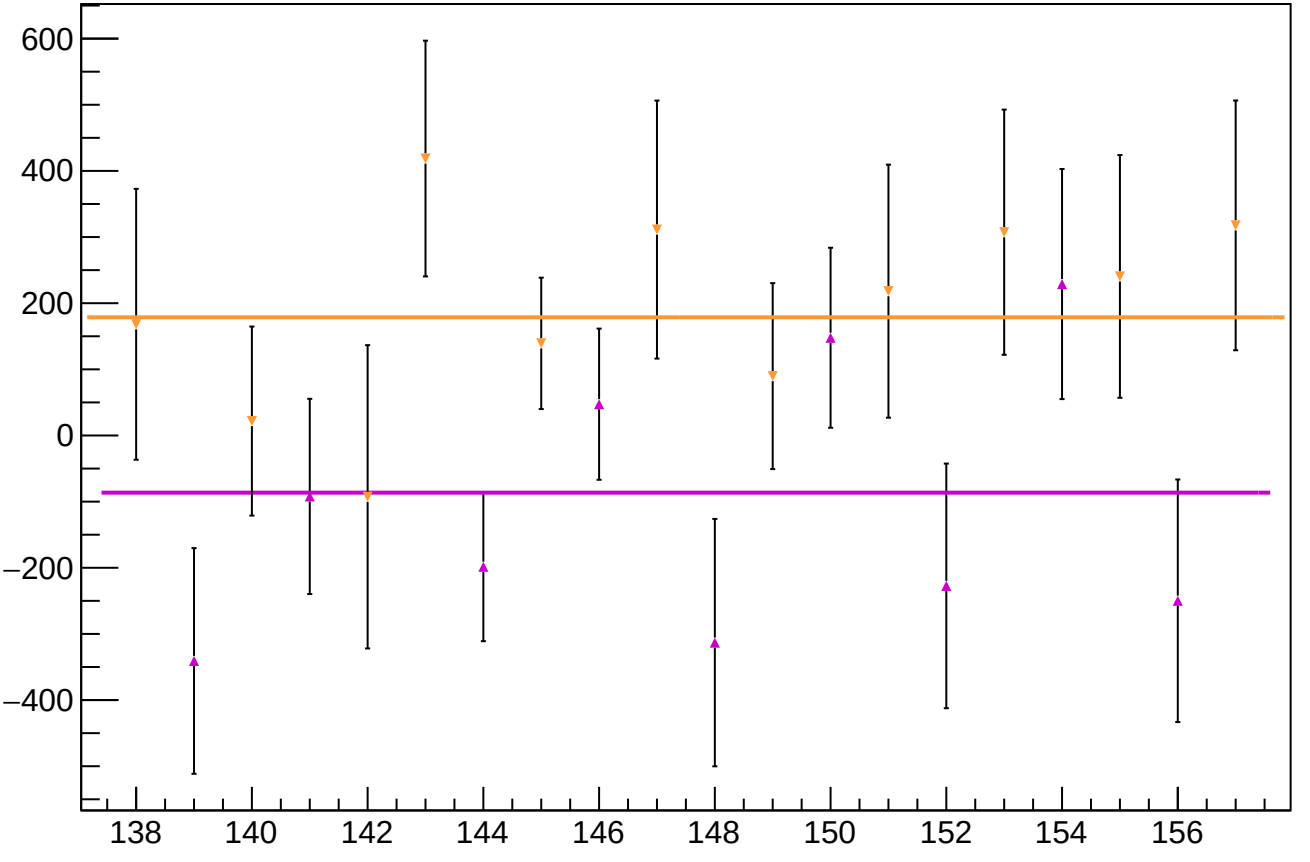
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 135.027+/-0.036 χ^2/NDF:634851.6/8

Out: 138.401+/-0.036 χ^2/NDF:1078497.3/10

All: 136.722+/-0.025 χ^2/NDF: 1717762.0/19

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 178.713+/-49.041 χ^2/NDF:6.6/10

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

Left In: -86.403+/-49.359 χ^2/NDF:13.7/8

Left: 47.011+/-34.789 χ^2/NDF: 34.8/19

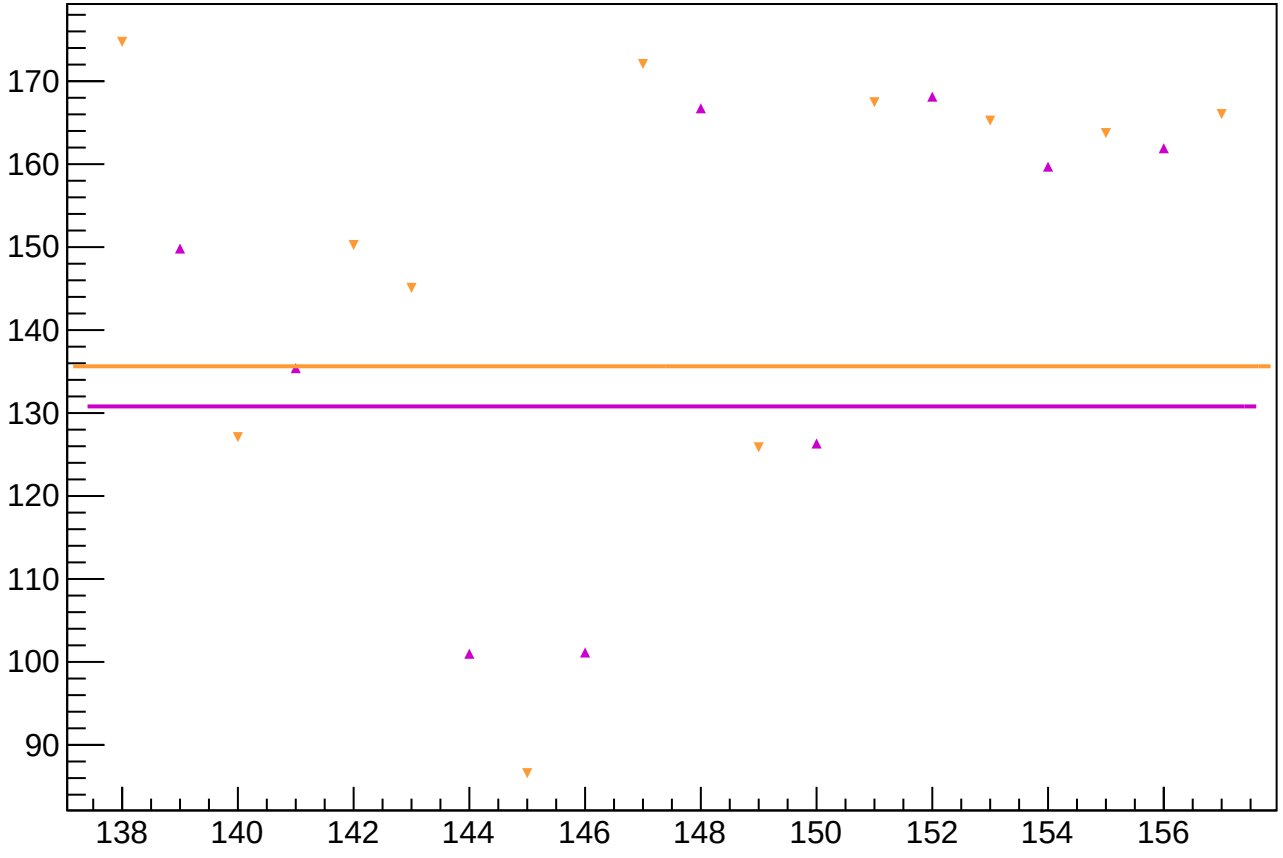
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -86.403+/-49.359 χ^2/NDF:13.7/8

Out: 178.713+/-49.041 χ^2/NDF:6.6/10

All: 47.011+/-34.789 χ^2/NDF: 34.8/19

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 135.636+/-0.035 χ^2/NDF:866119.4/10

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

Left In: 130.799+/-0.035 χ^2/NDF:572251.5/8

Left: 133.233+/-0.025 χ^2/NDF: 1448038.1/19

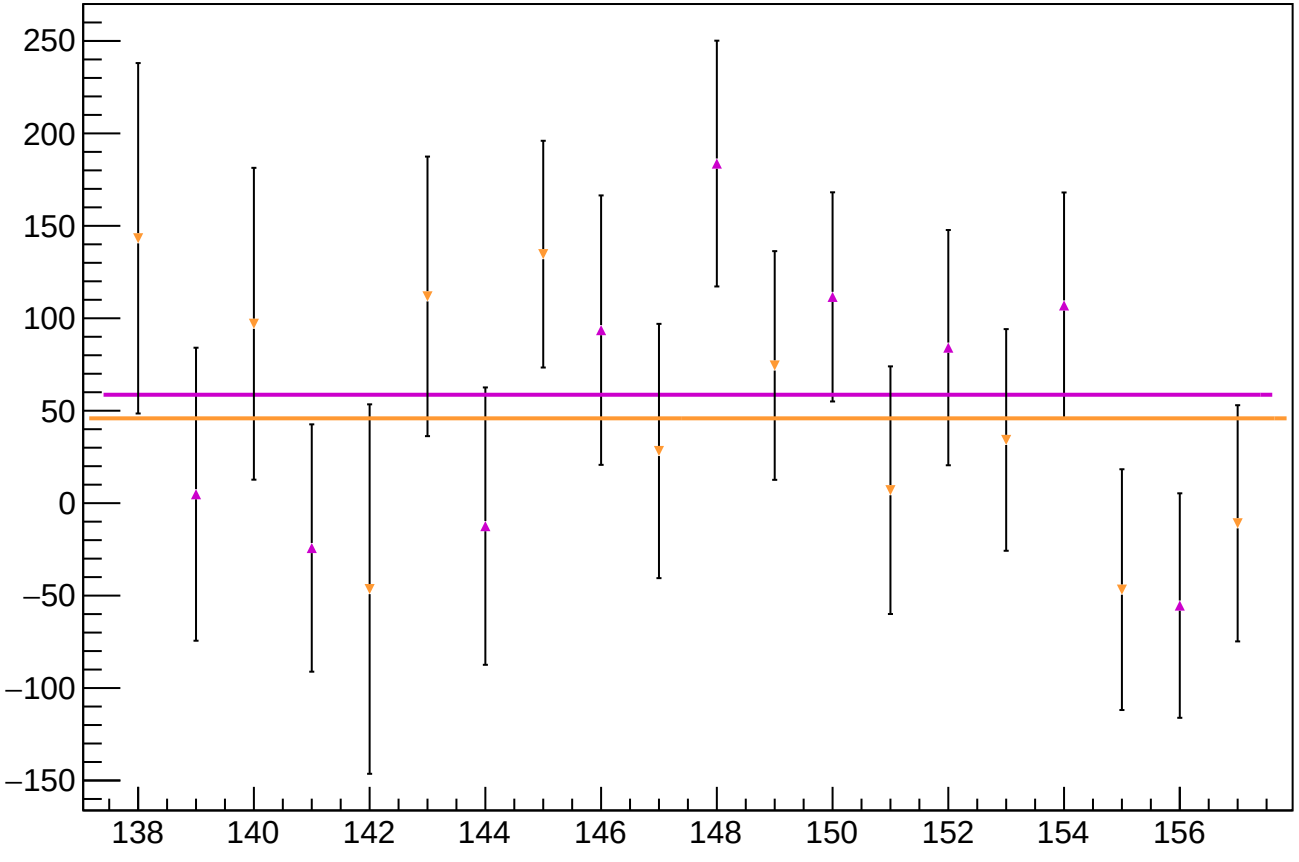
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 130.799+/-0.035 χ^2/NDF:572251.5/8

Out: 135.636+/-0.035 χ^2/NDF:866119.4/10

All: 133.233+/-0.025 χ^2/NDF: 1448038.1/19

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 45.881+/-21.091 χ^2/NDF:8.6/10

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

Left In: 58.640+/-21.959 χ^2/NDF:11.9/8

Left: 52.004+/-15.211 χ^2/NDF: 20.6/19

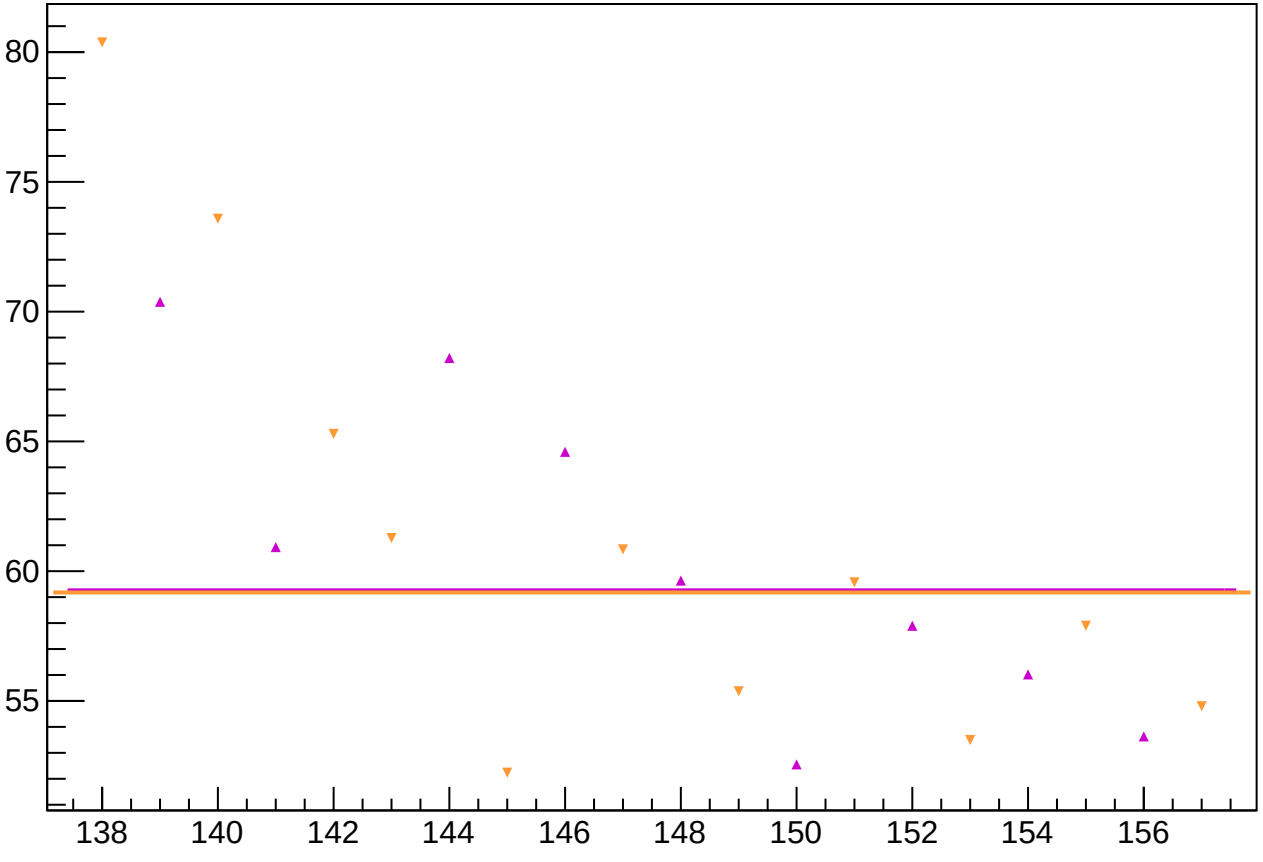
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.640+/-21.959 χ^2/NDF:11.9/8

Out: 45.881+/-21.091 χ^2/NDF:8.6/10

All: 52.004+/-15.211 χ^2/NDF: 20.6/19

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 59.180+/-0.015 χ^2/NDF:230023.3/10

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

Left In: 59.261+/-0.016 χ^2/NDF:131735.6/8

Left: 59.219+/-0.011 χ^2/NDF: 361772.9/19

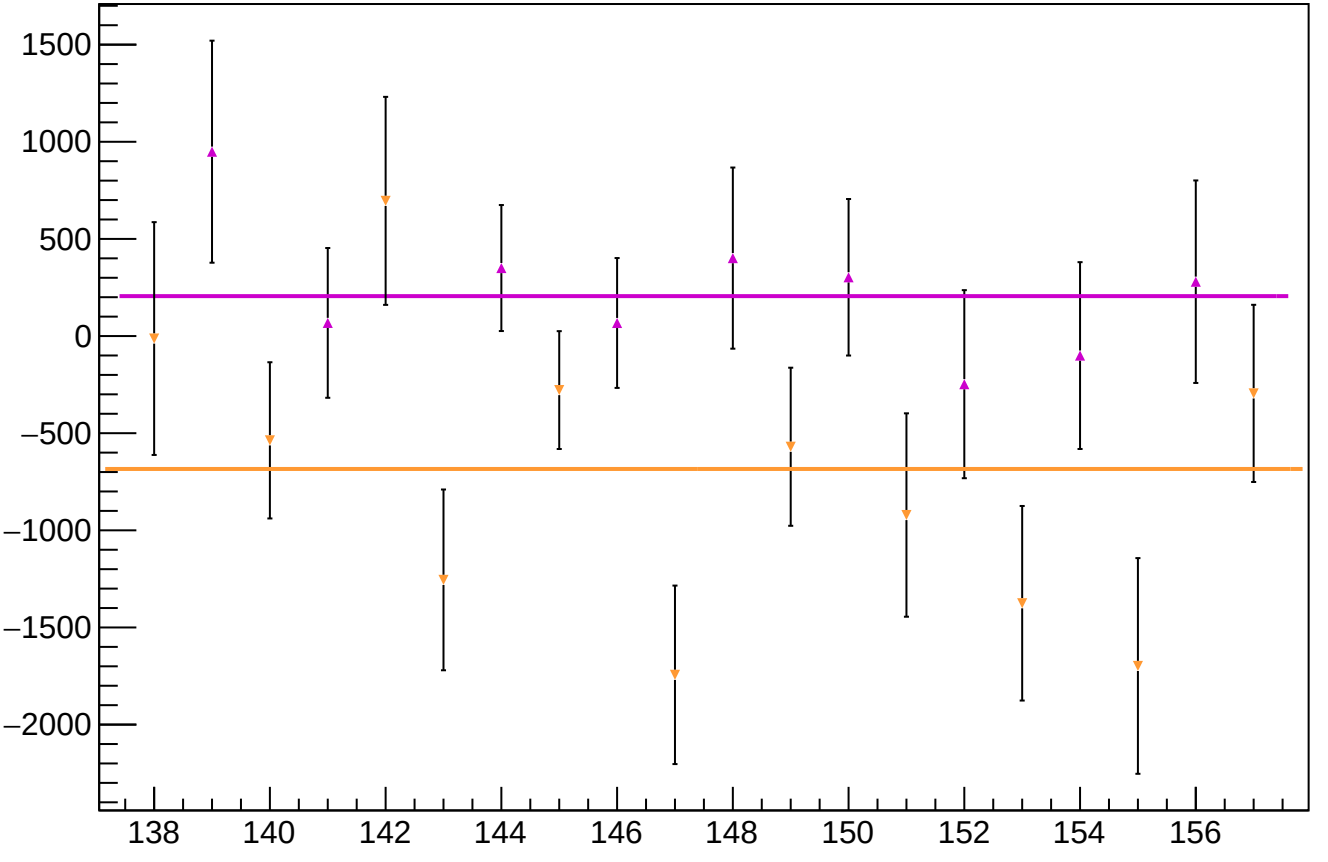
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 59.261+/-0.016 χ^2/NDF:131735.6/8

Out: 59.180+/-0.015 χ^2/NDF:230023.3/10

All: 59.219+/-0.011 χ^2/NDF: 361772.9/19

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -684.141+/-135.557 χ^2/NDF:22.9/10

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

Left In: 205.530+/-139.635 χ^2/NDF:3.7/8

Left: -252.486+/-97.263 χ^2/NDF: 47.5/19

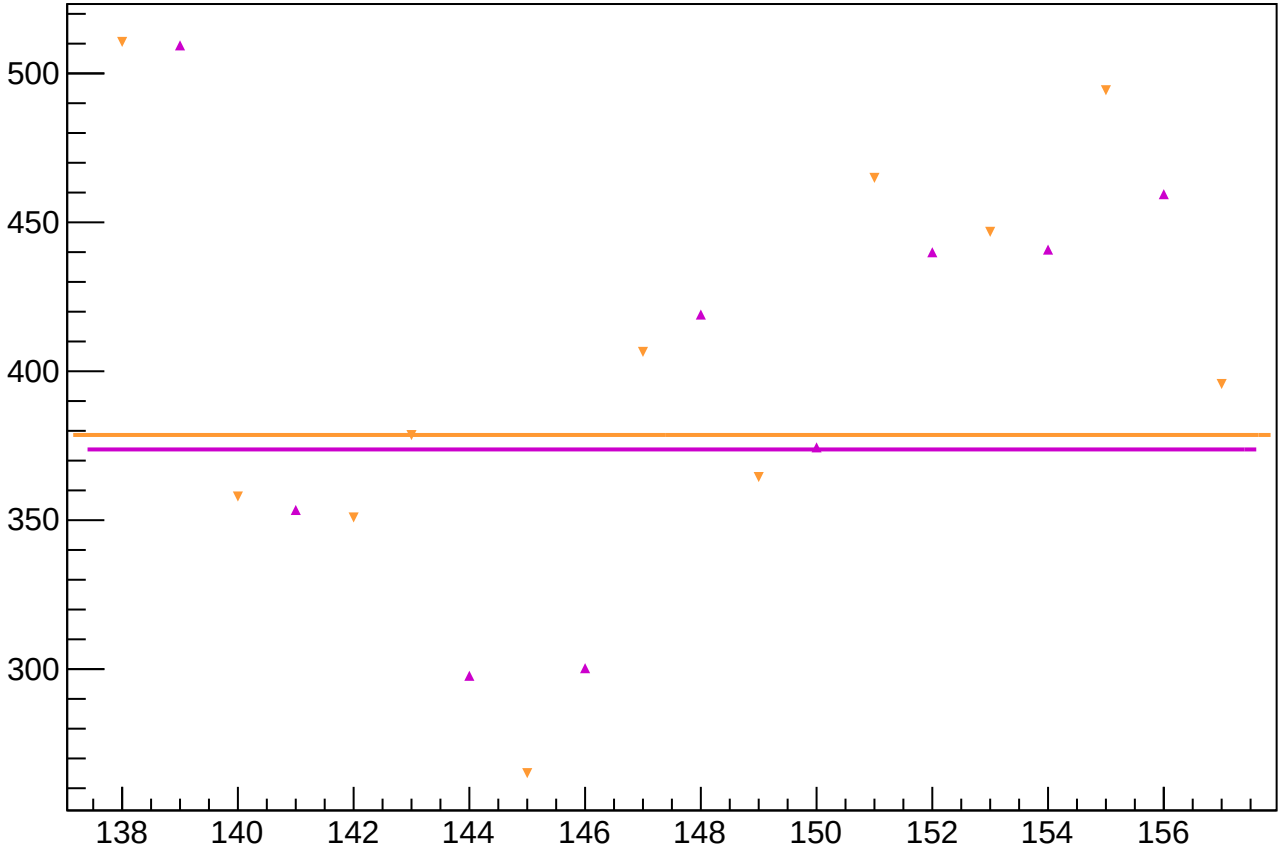
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 205.530+/-139.635 χ^2/NDF:3.7/8

Out: -684.141+/-135.557 χ^2/NDF:22.9/10

All: -252.486+/-97.263 χ^2/NDF: 47.5/19

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 378.613+/-0.096 χ^2/NDF:578958.7/10

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

Left In: 373.752+/-0.099 χ^2/NDF:473978.4/8

Left: 376.255+/-0.069 χ^2/NDF: 1054184.7/19

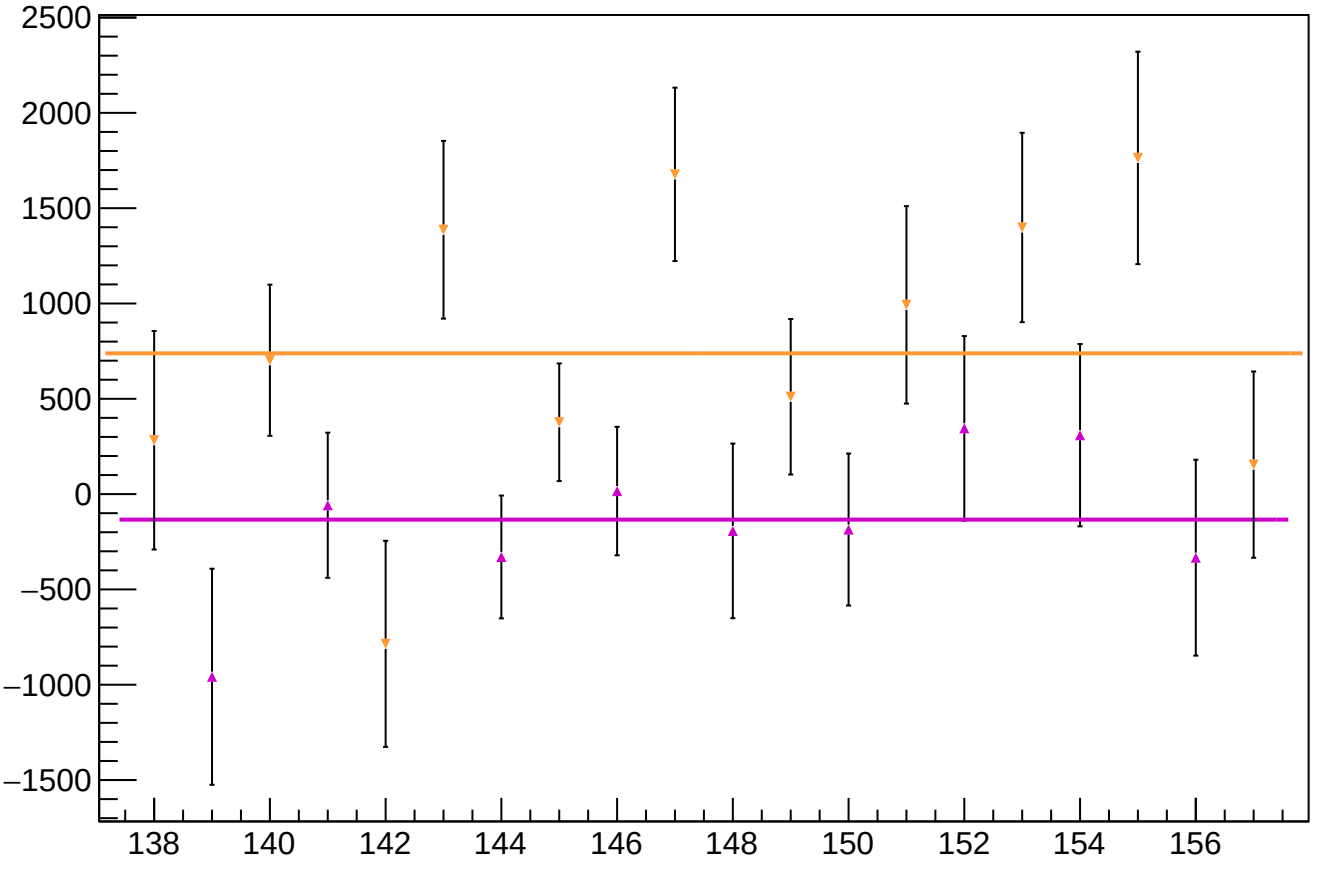
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 373.752+/-0.099 χ^2/NDF:473978.4/8

Out: 378.613+/-0.096 χ^2/NDF:578958.7/10

All: 376.255+/-0.069 χ^2/NDF: 1054184.7/19

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 738.461+/-136.126 χ^2/NDF:23.3/10

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

Left In: -133.801+/-138.750 χ^2/NDF:4.7/8

Left: 310.655+/-97.170 χ^2/NDF: 48.2/19

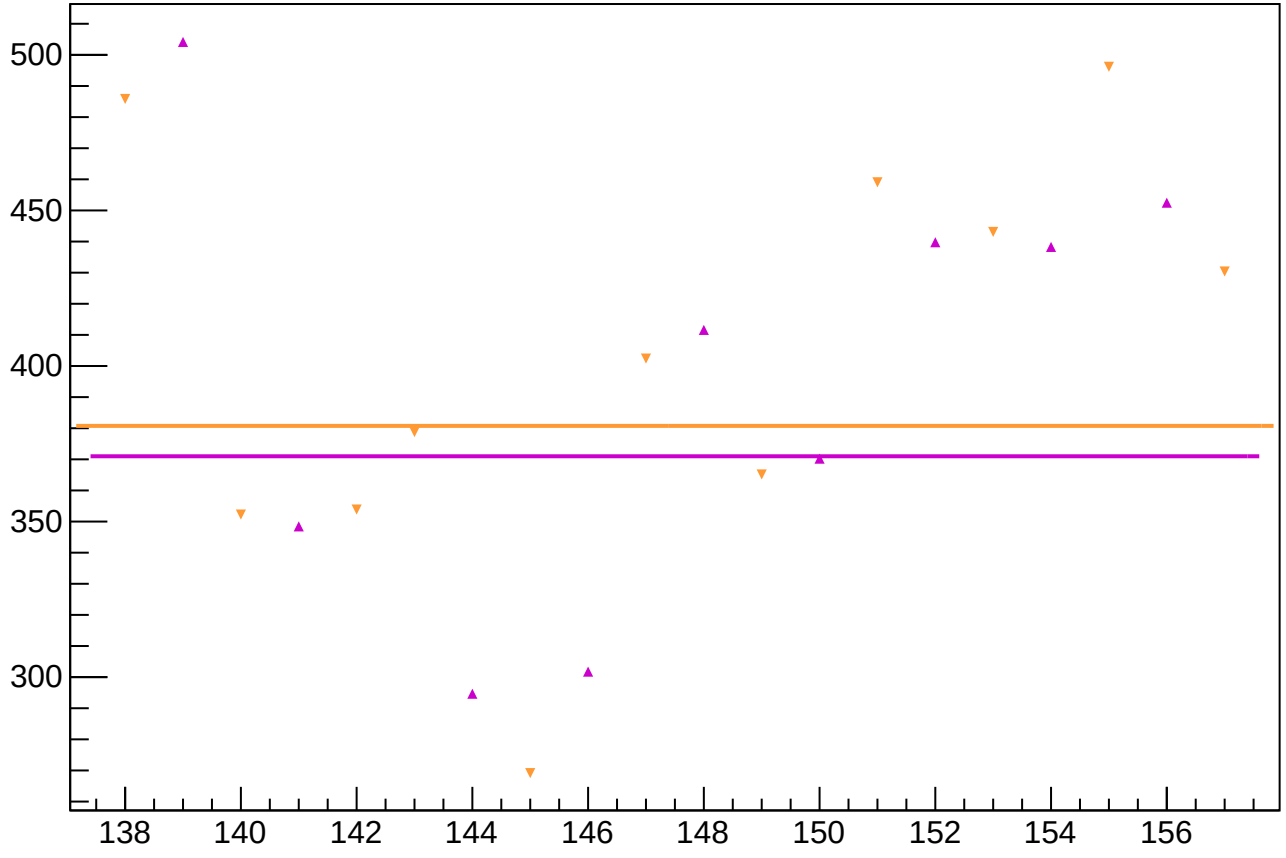
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -133.801+/-138.750 χ^2/NDF:4.7/8

Out: 738.461+/-136.126 χ^2/NDF:23.3/10

All: 310.655+/-97.170 χ^2/NDF: 48.2/19

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 380.754+/-0.096 χ^2/NDF:535261.1/10

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

Left In: 370.985+/-0.098 χ^2/NDF:460148.3/8

Left: 375.963+/-0.069 χ^2/NDF: 1000460.7/19

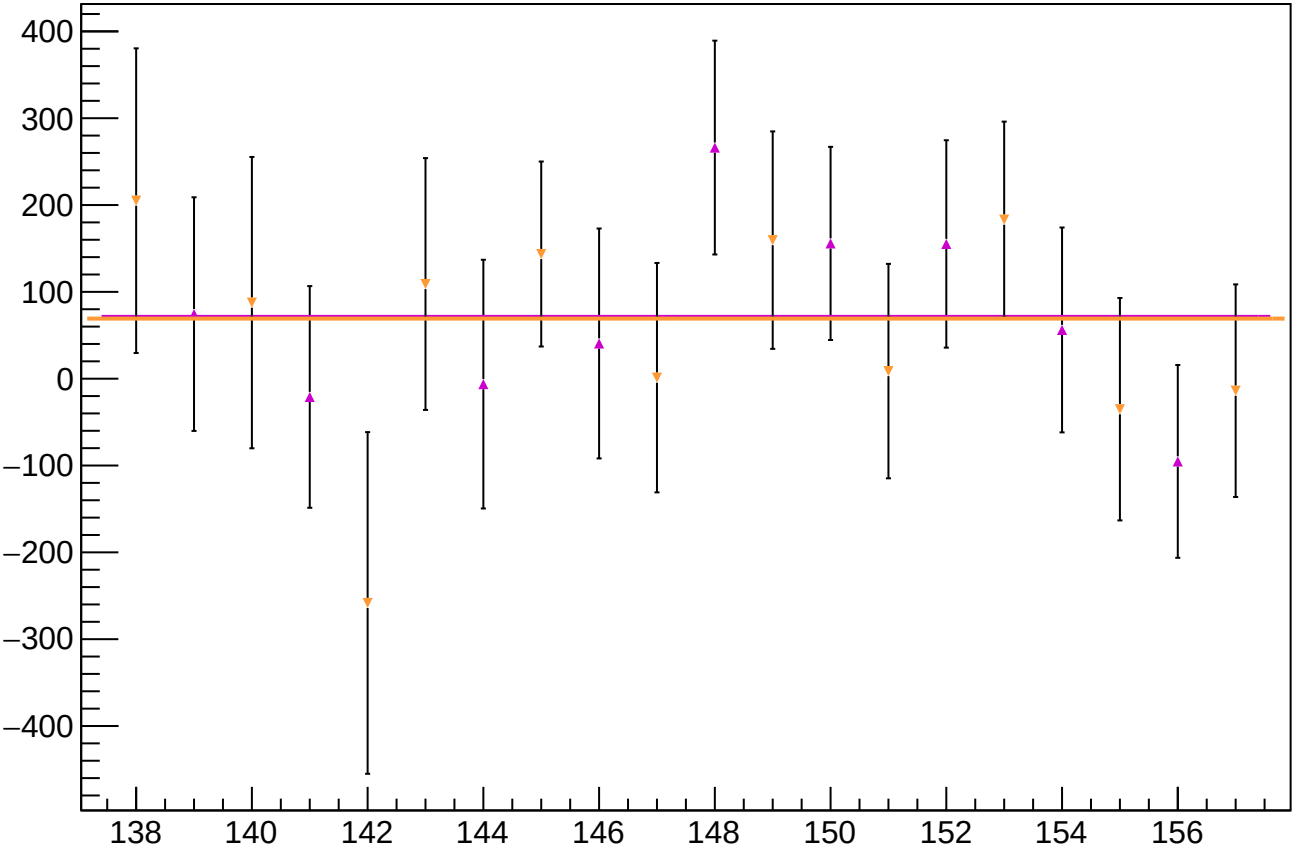
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 370.985+/-0.098 χ^2/NDF:460148.3/8

Out: 380.754+/-0.096 χ^2/NDF:535261.1/10

All: 375.963+/-0.069 χ^2/NDF: 1000460.7/19

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 69.216+/-40.085 χ^2/NDF:7.1/10

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

Left In: 71.188+/-41.088 χ^2/NDF:6.7/8

Left: 70.178+/-28.693 χ^2/NDF: 13.8/19

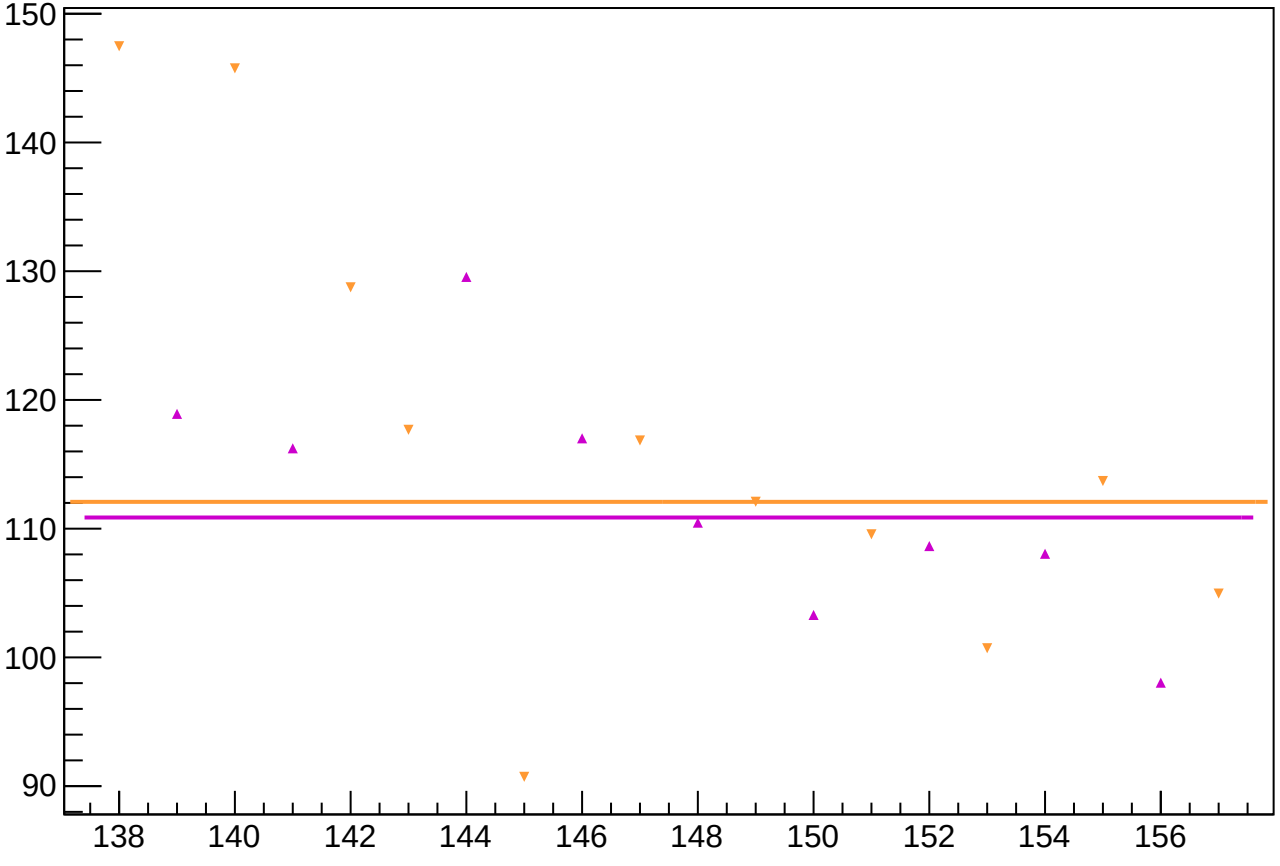
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 71.188+/-41.088 χ^2/NDF:6.7/8

Out: 69.216+/-40.085 χ^2/NDF:7.1/10

All: 70.178+/-28.693 χ^2/NDF: 13.8/19

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 112.083+/-0.028 χ^2/NDF:290559.7/10

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

Left In: 110.867+/-0.029 χ^2/NDF:86916.3/8

Left: 111.490+/-0.020 χ^2/NDF: 378373.8/19

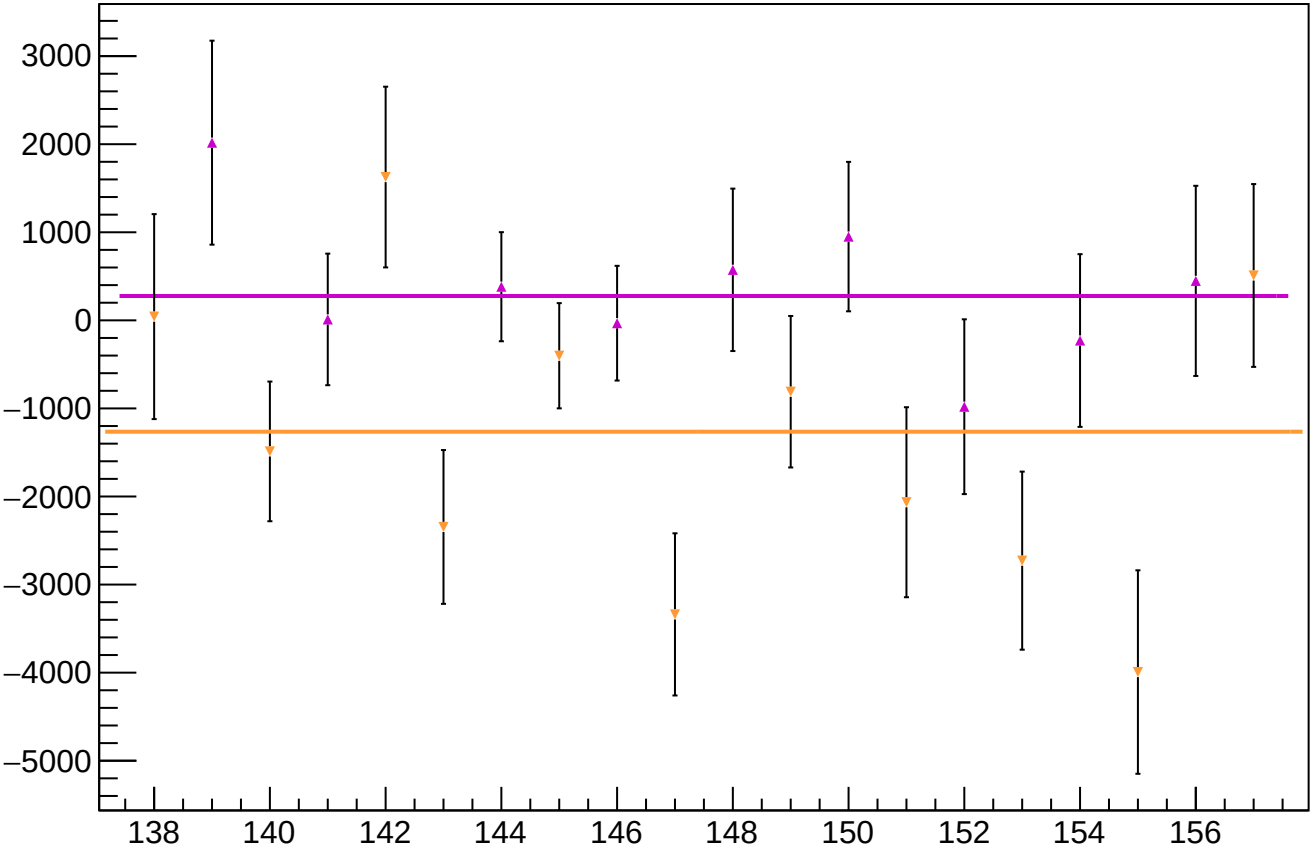
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 110.867+/-0.029 χ^2/NDF:86916.3/8

Out: 112.083+/-0.028 χ^2/NDF:290559.7/10

All: 111.490+/-0.020 χ^2/NDF: 378373.8/19

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1264.207+/-272.774 χ^2/NDF:29.4/10

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

Left In: 276.422+/-277.529 χ^2/NDF:5.3/8

Left: -507.205+/-194.540 χ^2/NDF: 50.4/19

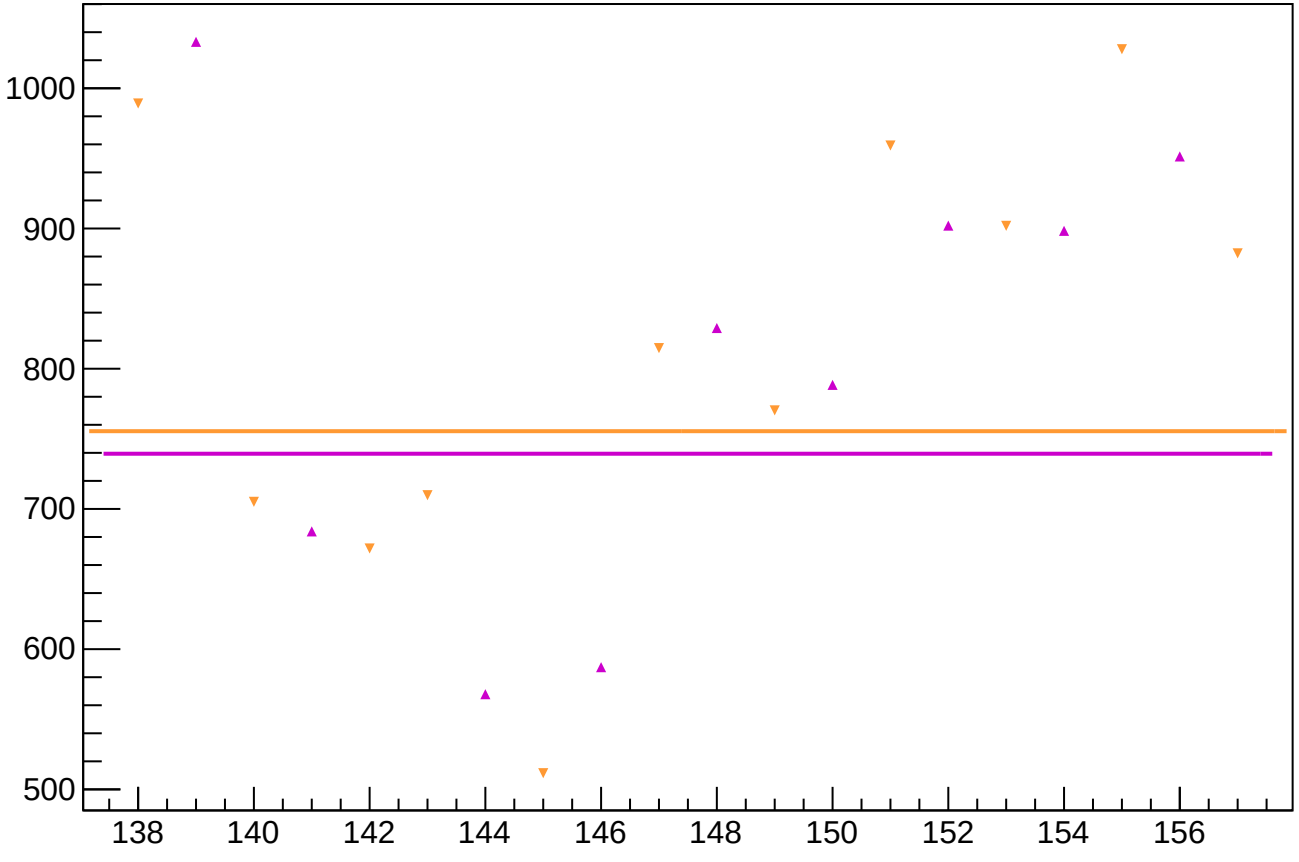
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 276.422+/-277.529 χ^2/NDF:5.3/8

Out: -1264.207+/-272.774 χ^2/NDF:29.4/10

All: -507.205+/-194.540 χ^2/NDF: 50.4/19

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 755.451+/-0.193 χ^2/NDF:704156.3/10

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

Left In: 739.374+/-0.196 χ^2/NDF:611414.2/8

Left: 747.551+/-0.138 χ^2/NDF: 1318984.1/19

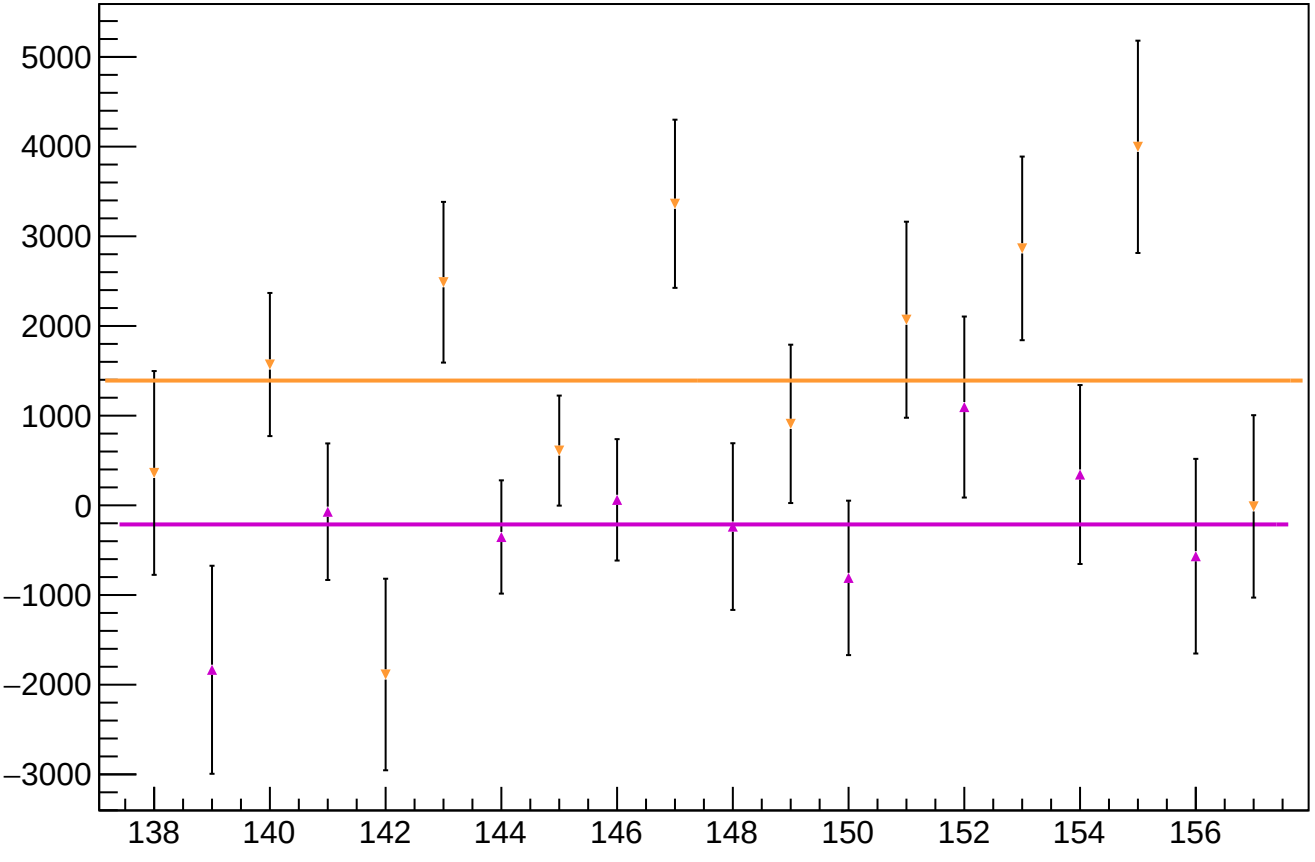
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 739.374+/-0.196 χ^2/NDF:611414.2/8

Out: 755.451+/-0.193 χ^2/NDF:704156.3/10

All: 747.551+/-0.138 χ^2/NDF: 1318984.1/19

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 1391.368+/-277.197 χ^2/NDF:27.3/10

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

Left In: -212.962+/-282.845 χ^2/NDF:4.8/8

Left: 605.382+/-197.975 χ^2/NDF: 48.5/19

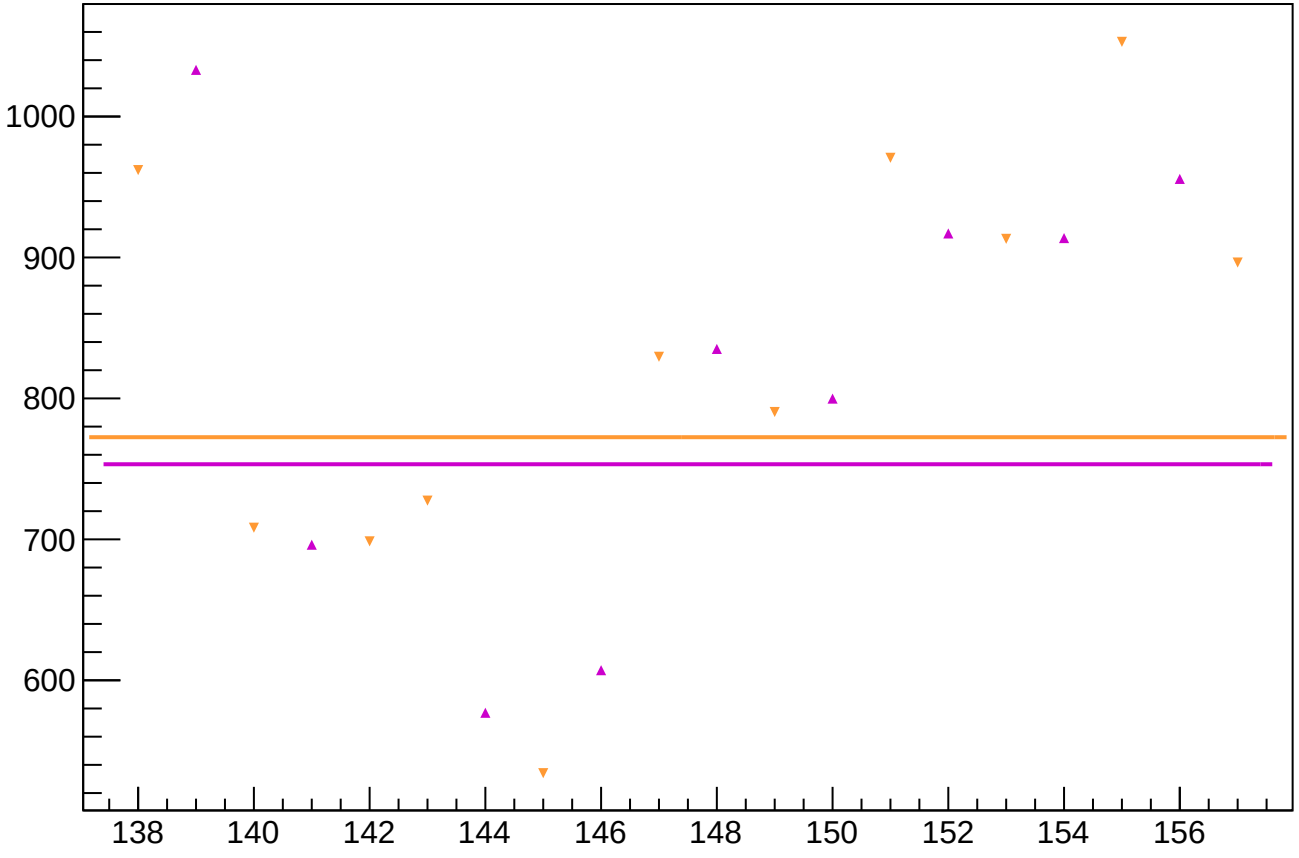
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -212.962+/-282.845 χ^2/NDF:4.8/8

Out: 1391.368+/-277.197 χ^2/NDF:27.3/10

All: 605.382+/-197.975 χ^2/NDF: 48.5/19

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 772.473+/-0.196 χ^2/NDF:638871.0/10

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

Left In: 753.287+/-0.200 χ^2/NDF:572040.9/8

Left: 763.073+/-0.140 χ^2/NDF: 1215605.7/19

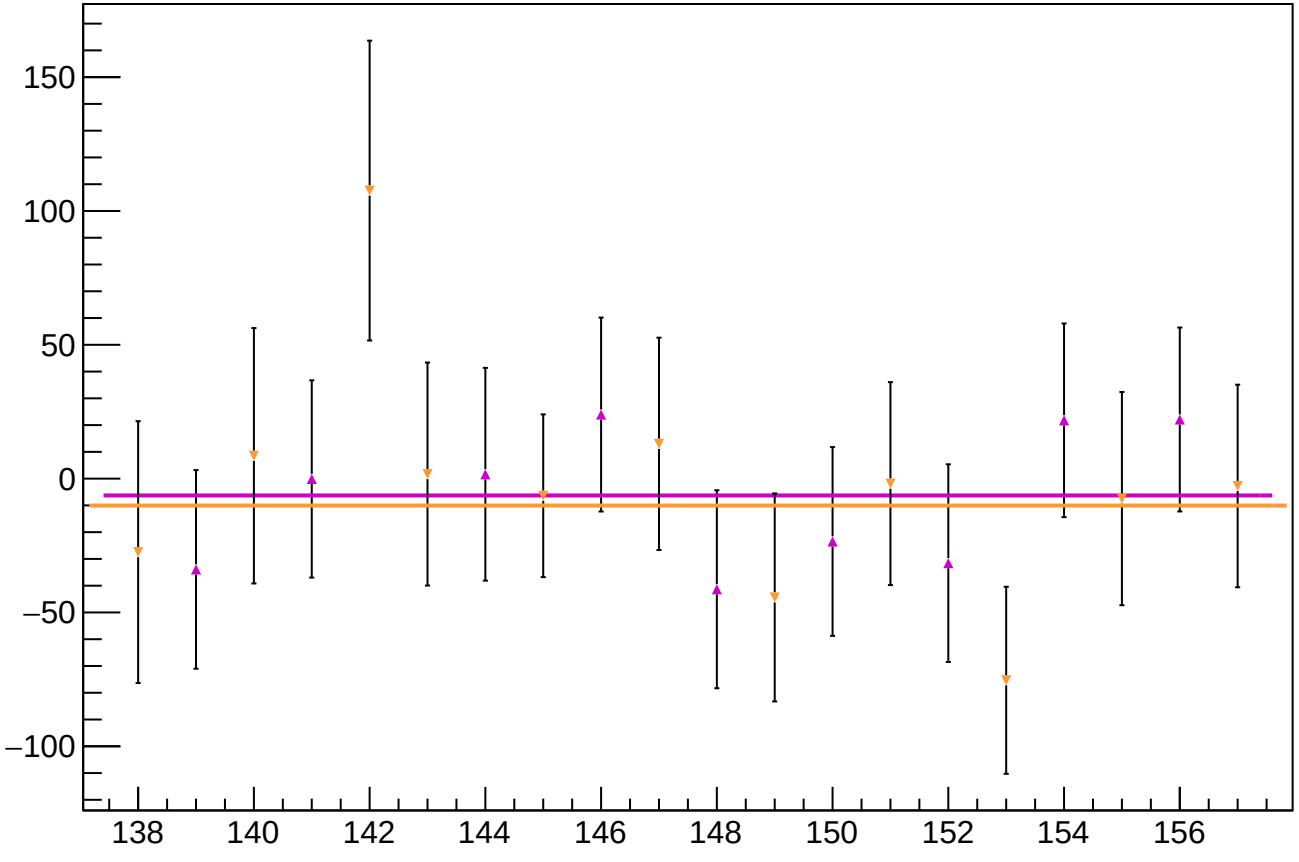
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 753.287+/-0.200 χ^2/NDF:572040.9/8

Out: 772.473+/-0.196 χ^2/NDF:638871.0/10

All: 763.073+/-0.140 χ^2/NDF: 1215605.7/19

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: -10.053+/-11.973 χ^2/NDF:9.5/10

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

Left In: -6.277+/-12.184 χ^2/NDF:4.2/8

Left: -8.198+/-8.540 χ^2/NDF: 13.7/19

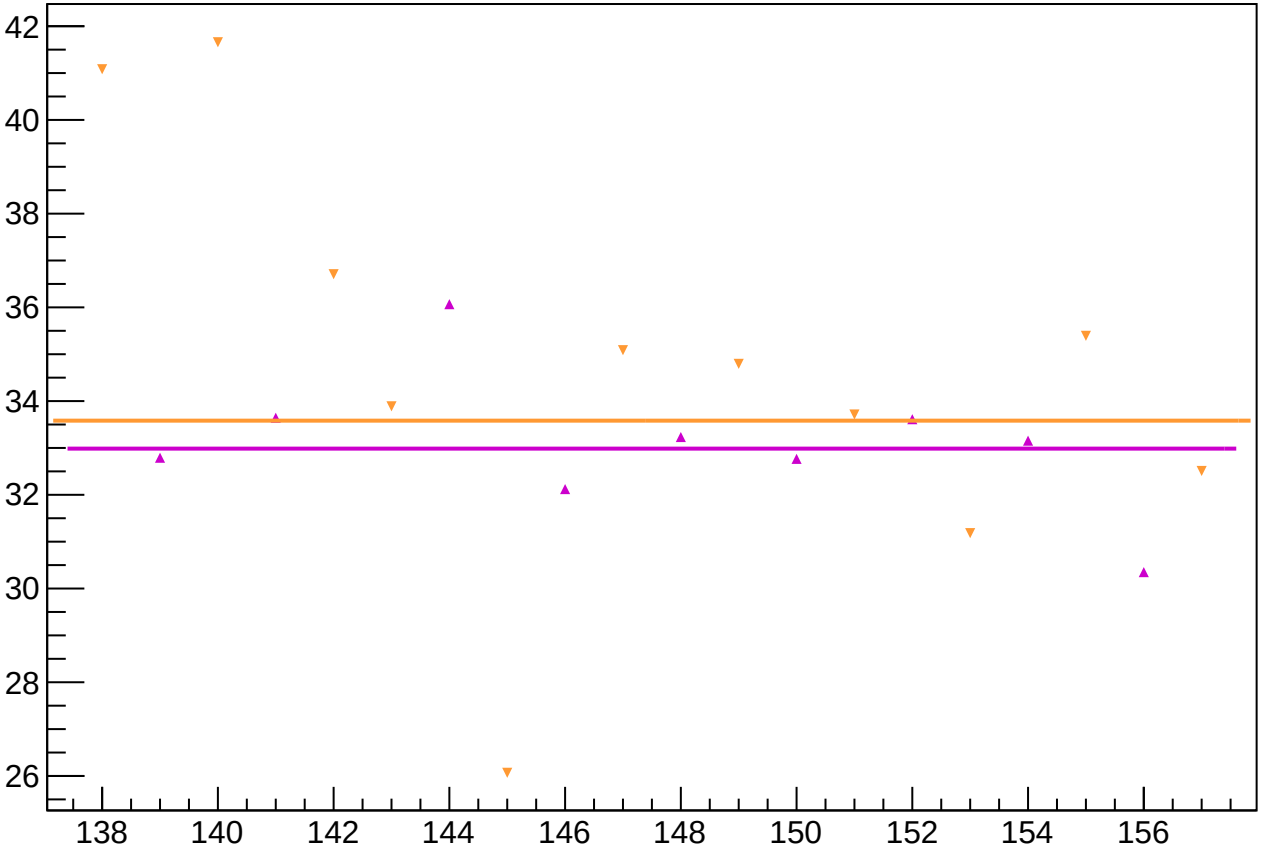
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.277+/-12.184 χ^2/NDF:4.2/8

Out: -10.053+/-11.973 χ^2/NDF:9.5/10

All: -8.198+/-8.540 χ^2/NDF: 13.7/19

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: 33.583+/-0.008 χ^2/NDF:252827.7/10

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

Left In: 32.986+/-0.009 χ^2/NDF:26415.8/8

Left: 33.289+/-0.006 χ^2/NDF: 281685.6/19

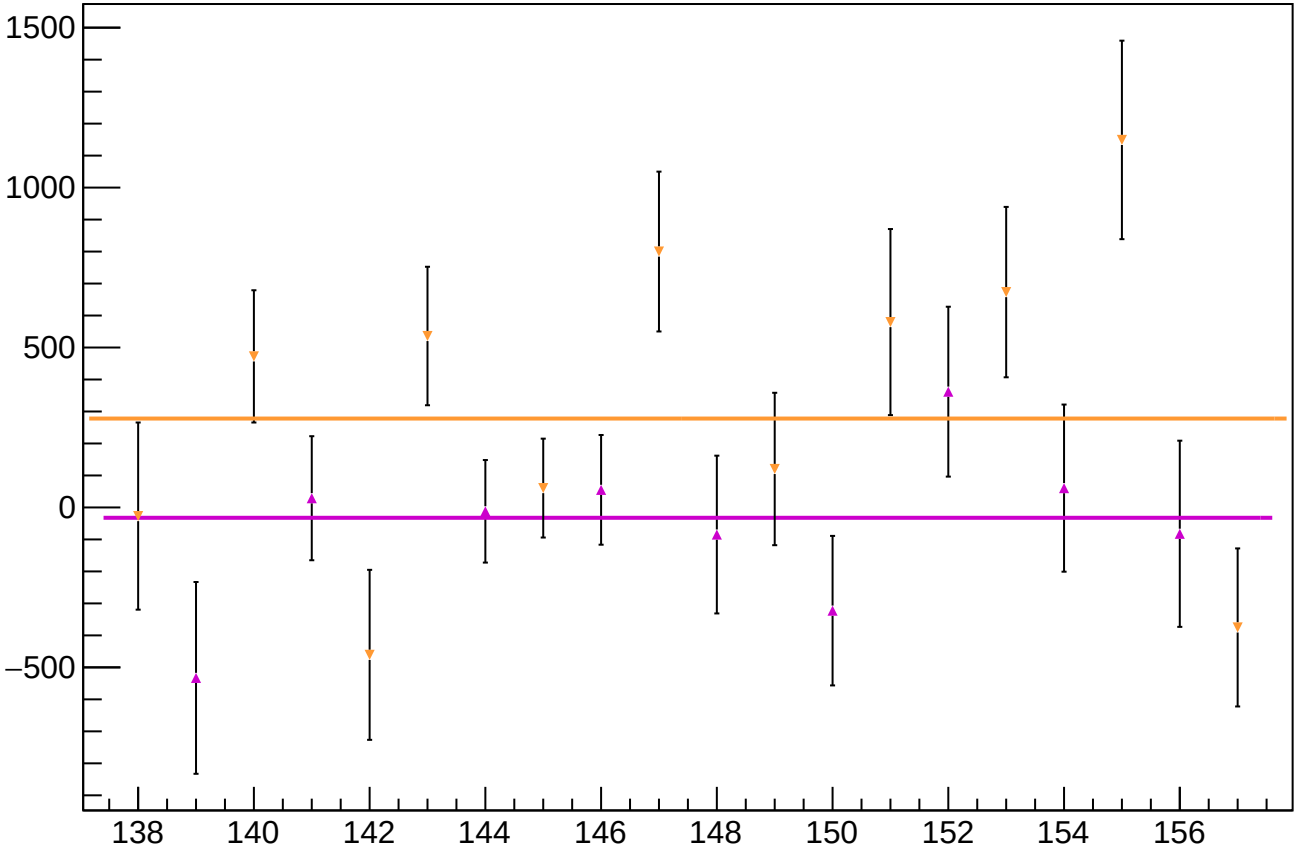
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 32.986+/-0.009 χ^2/NDF:26415.8/8

Out: 33.583+/-0.008 χ^2/NDF:252827.7/10

All: 33.289+/-0.006 χ^2/NDF: 281685.6/19

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: 277.939+/-70.933 χ^2/NDF:36.0/10

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

Left In: -32.331+/-73.321 χ^2/NDF:7.1/8

Left: 127.938+/-50.981 χ^2/NDF: 52.4/19

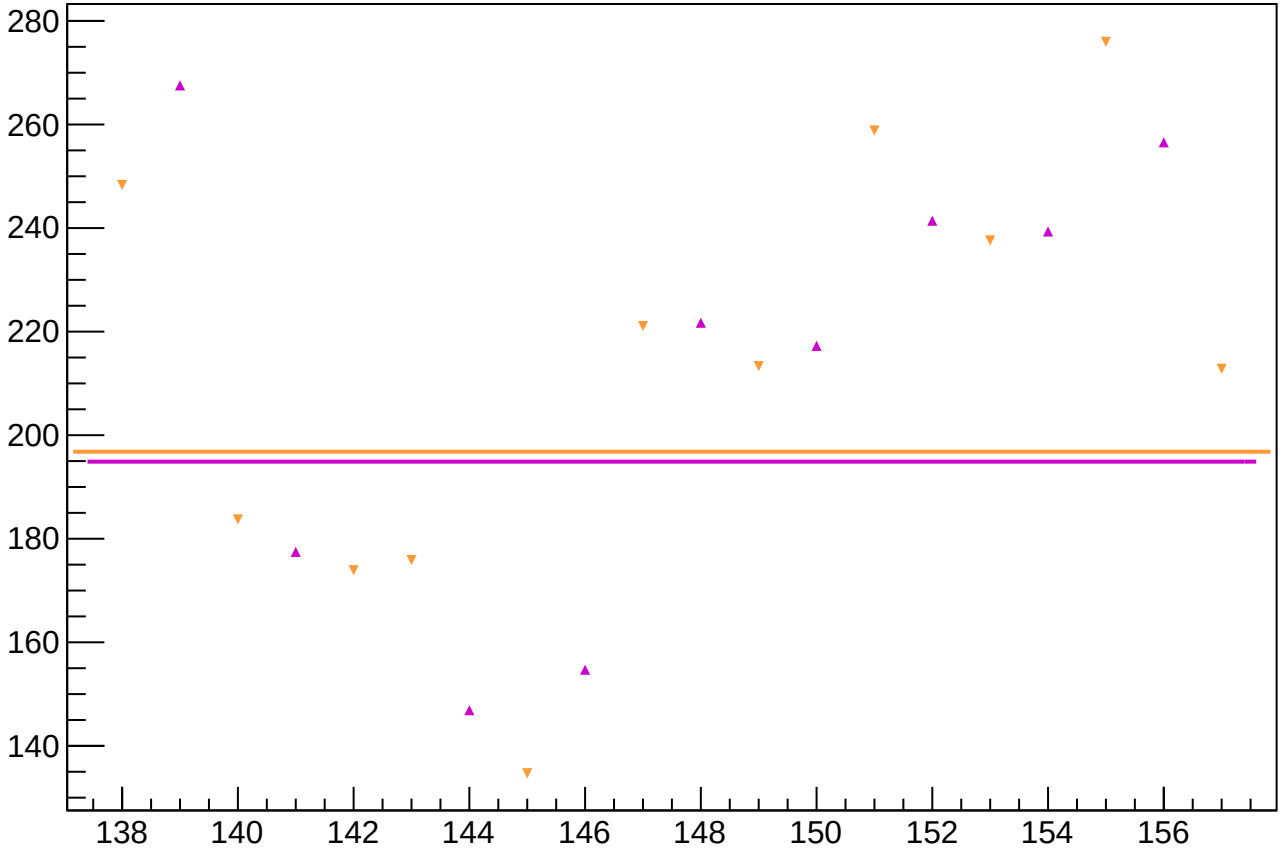
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.331+/-73.321 χ^2/NDF:7.1/8

Out: 277.939+/-70.933 χ^2/NDF:36.0/10

All: 127.938+/-50.981 χ^2/NDF: 52.4/19

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: 196.809+/-0.050 χ^2/NDF:731192.3/10

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

Left In: 194.892+/-0.052 χ^2/NDF:673771.3/8

Left: 195.882+/-0.036 χ^2/NDF: 1405669.9/19

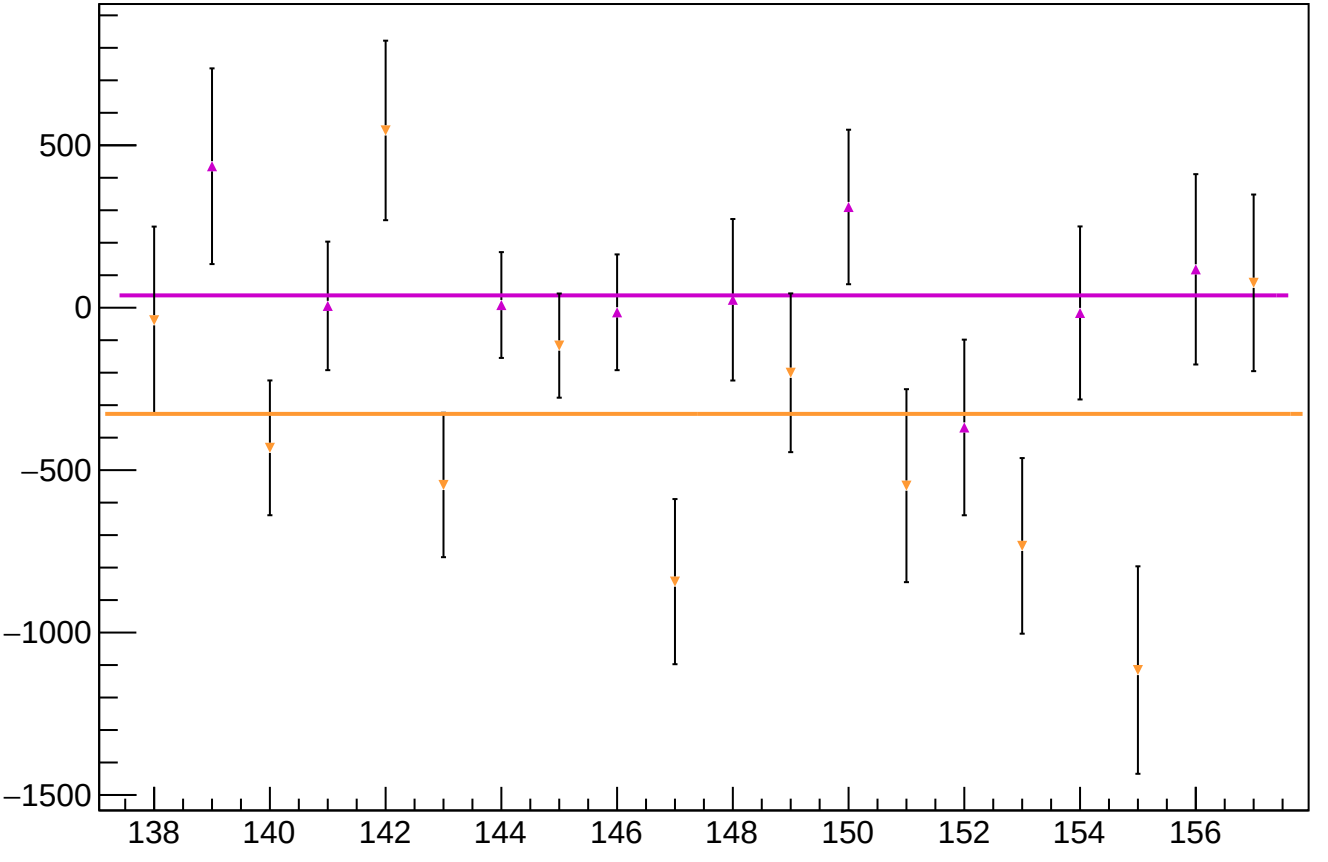
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 194.892+/-0.052 χ^2/NDF:673771.3/8

Out: 196.809+/-0.050 χ^2/NDF:731192.3/10

All: 195.882+/-0.036 χ^2/NDF: 1405669.9/19

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -326.841+/-72.922 χ^2/NDF:29.4/10

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

Left In: 37.946+/-74.730 χ^2/NDF:5.6/8

Left: -148.914+/-52.191 χ^2/NDF: 47.2/19

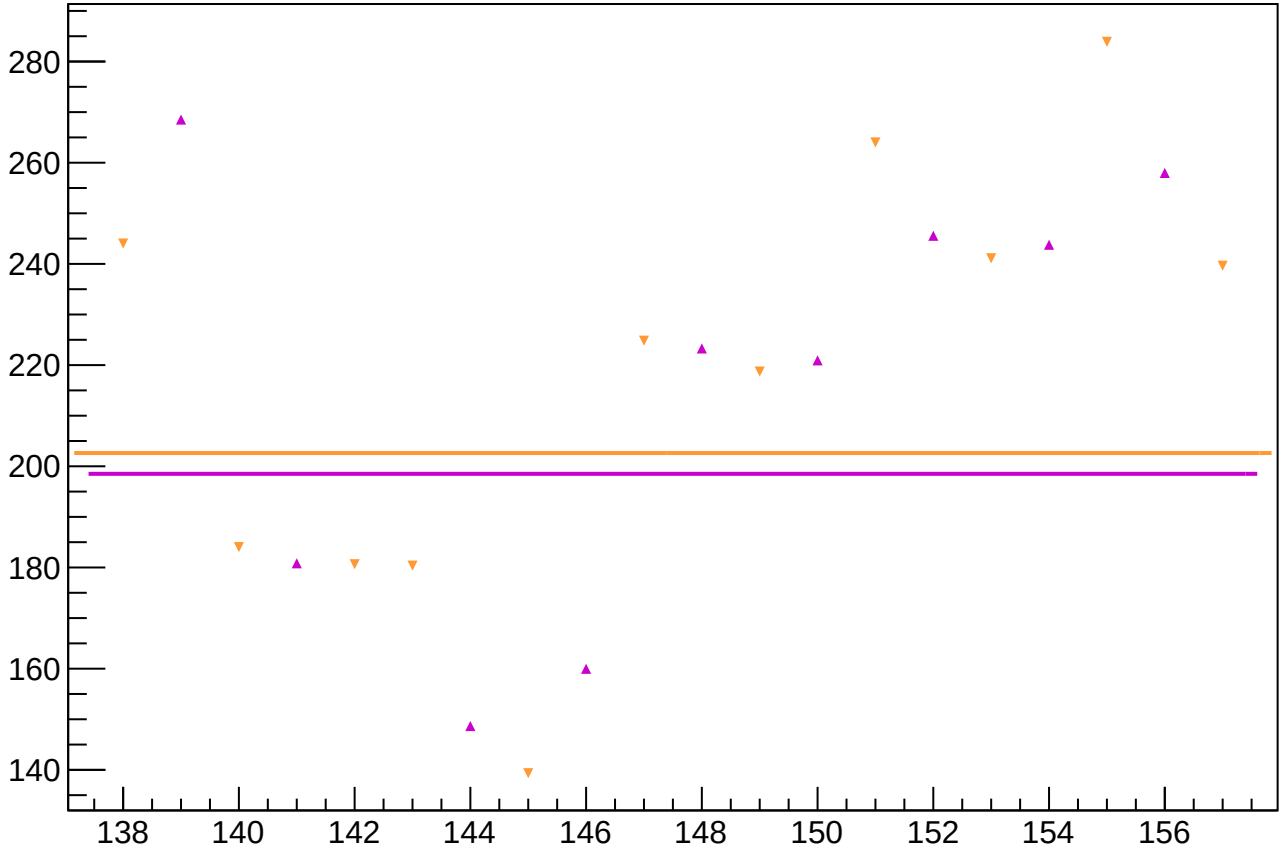
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 37.946+/-74.730 χ^2/NDF:5.6/8

Out: -326.841+/-72.922 χ^2/NDF:29.4/10

All: -148.914+/-52.191 χ^2/NDF: 47.2/19

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 202.624+/-0.052 χ^2/NDF:717963.6/10

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

Left In: 198.510+/-0.053 χ^2/NDF:643367.5/8

Left: 200.617+/-0.037 χ^2/NDF: 1364435.3/19

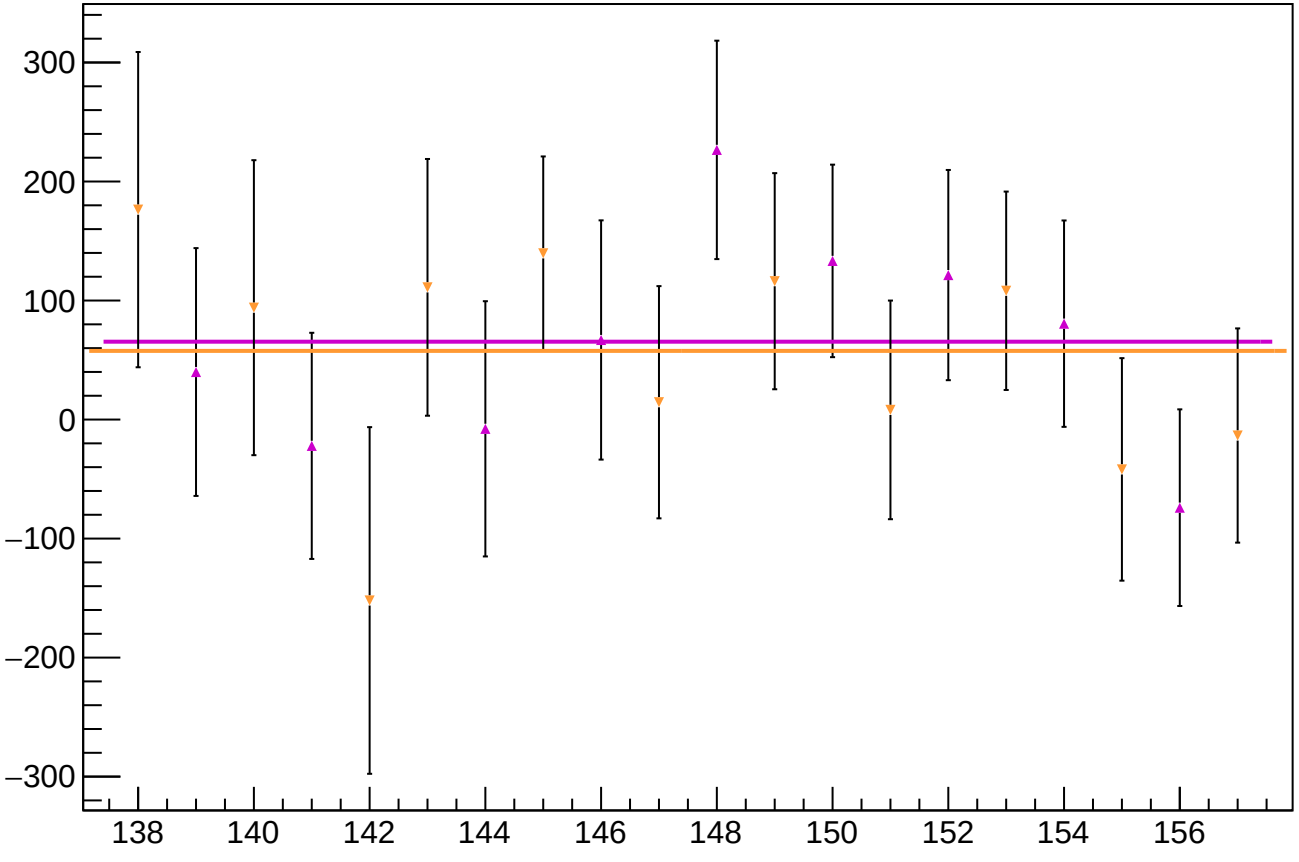
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 198.510+/-0.053 χ^2/NDF:643367.5/8

Out: 202.624+/-0.052 χ^2/NDF:717963.6/10

All: 200.617+/-0.037 χ^2/NDF: 1364435.3/19

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 57.686+/-29.710 χ^2/NDF:7.2/10

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

Left In: 65.422+/-30.593 χ^2/NDF:8.4/8

Left: 61.441+/-21.314 χ^2/NDF: 15.7/19

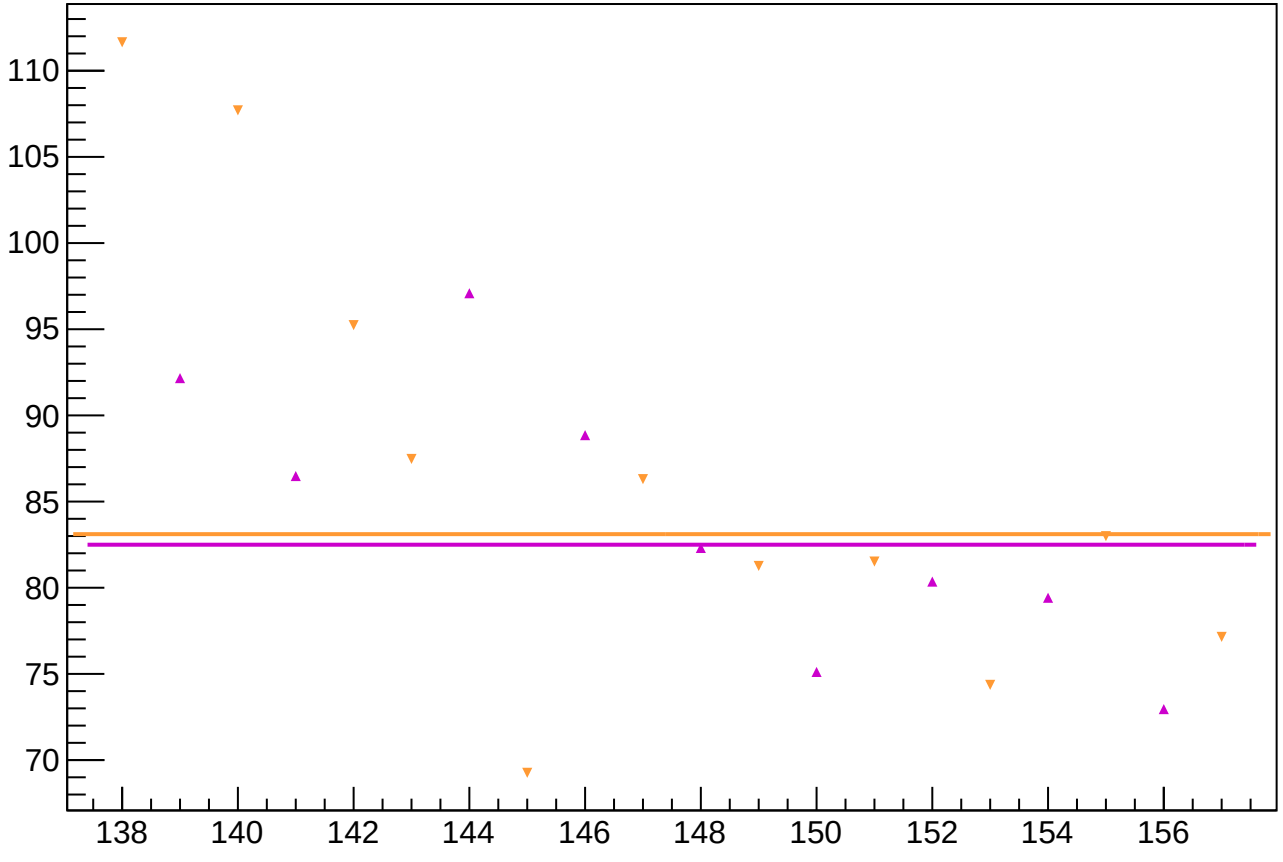
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 65.422+/-30.593 χ^2/NDF:8.4/8

Out: 57.686+/-29.710 χ^2/NDF:7.2/10

All: 61.441+/-21.314 χ^2/NDF: 15.7/19

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 83.109+/-0.021 χ^2/NDF:281026.4/10

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

Left In: 82.497+/-0.022 χ^2/NDF:112838.0/8

Left: 82.812+/-0.015 χ^2/NDF: 394277.5/19

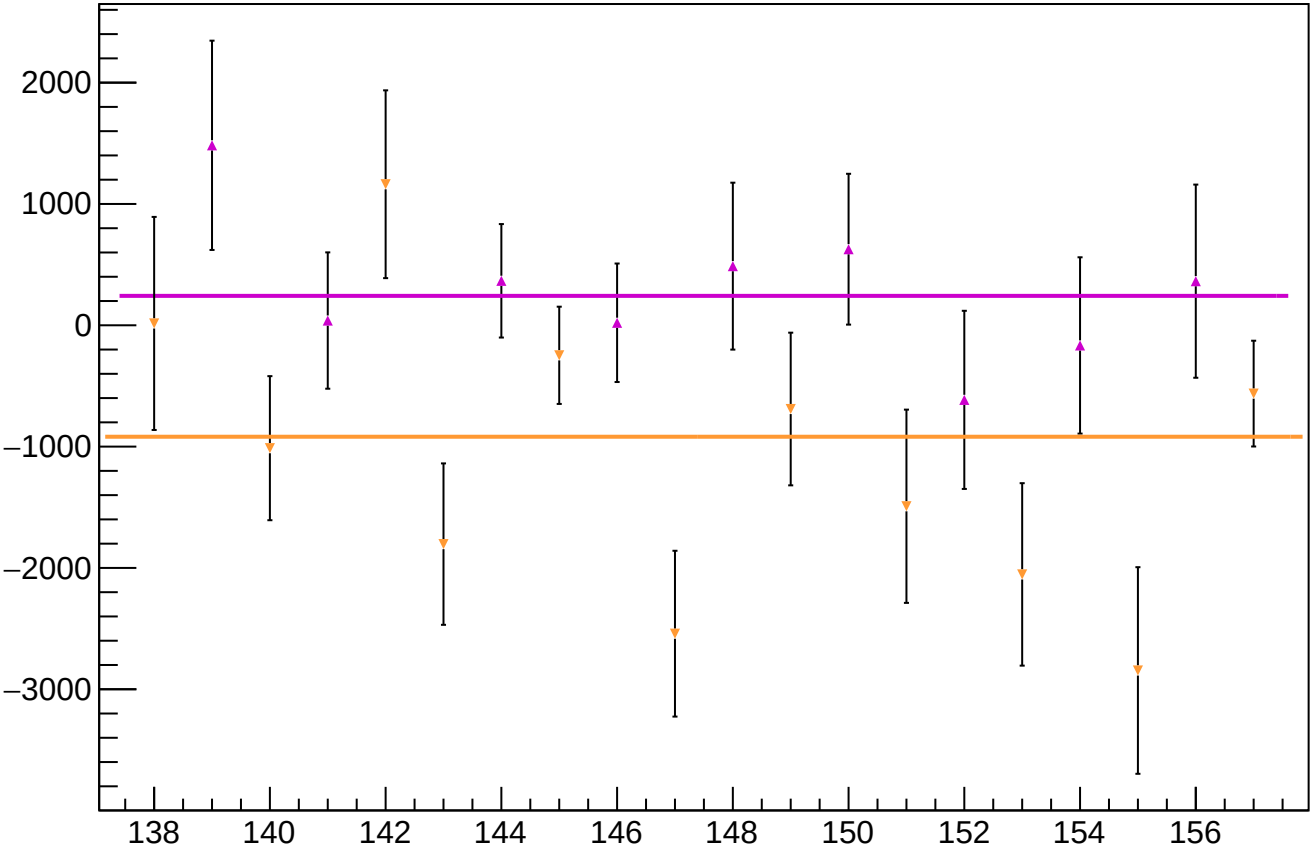
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 82.497+/-0.022 χ^2/NDF:112838.0/8

Out: 83.109+/-0.021 χ^2/NDF:281026.4/10

All: 82.812+/-0.015 χ^2/NDF: 394277.5/19

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -918.588+/-185.880 χ^2/NDF:27.3/10

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

Left In: 242.535+/-207.140 χ^2/NDF:4.7/8

Left: -400.654+/-138.345 χ^2/NDF: 49.4/19

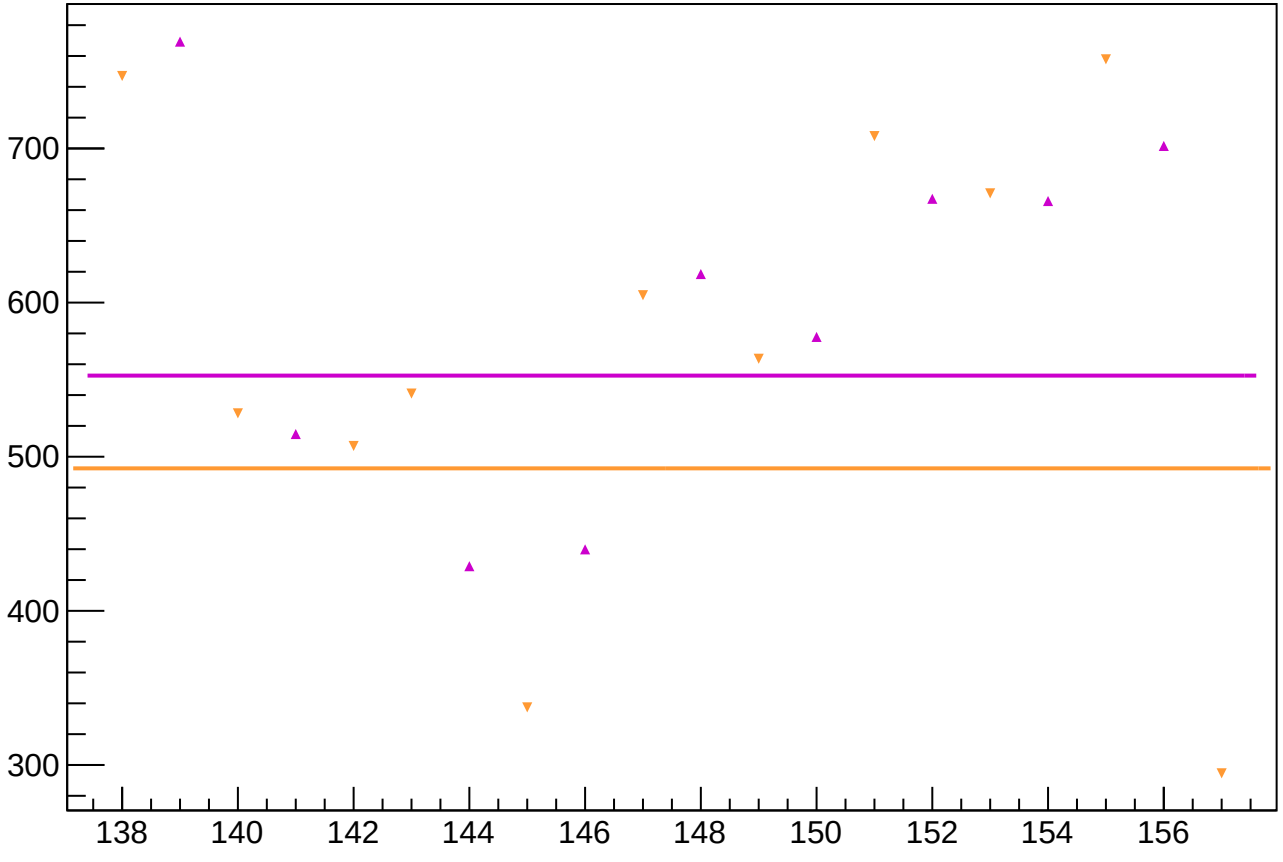
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 242.535+/-207.140 χ^2/NDF:4.7/8

Out: -918.588+/-185.880 χ^2/NDF:27.3/10

All: -400.654+/-138.345 χ^2/NDF: 49.4/19

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 492.448+/-0.131 χ^2/NDF:1431183.1/10

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

Left In: 552.629+/-0.146 χ^2/NDF:570860.5/8

Left: 519.293+/-0.098 χ^2/NDF: 2095556.1/19

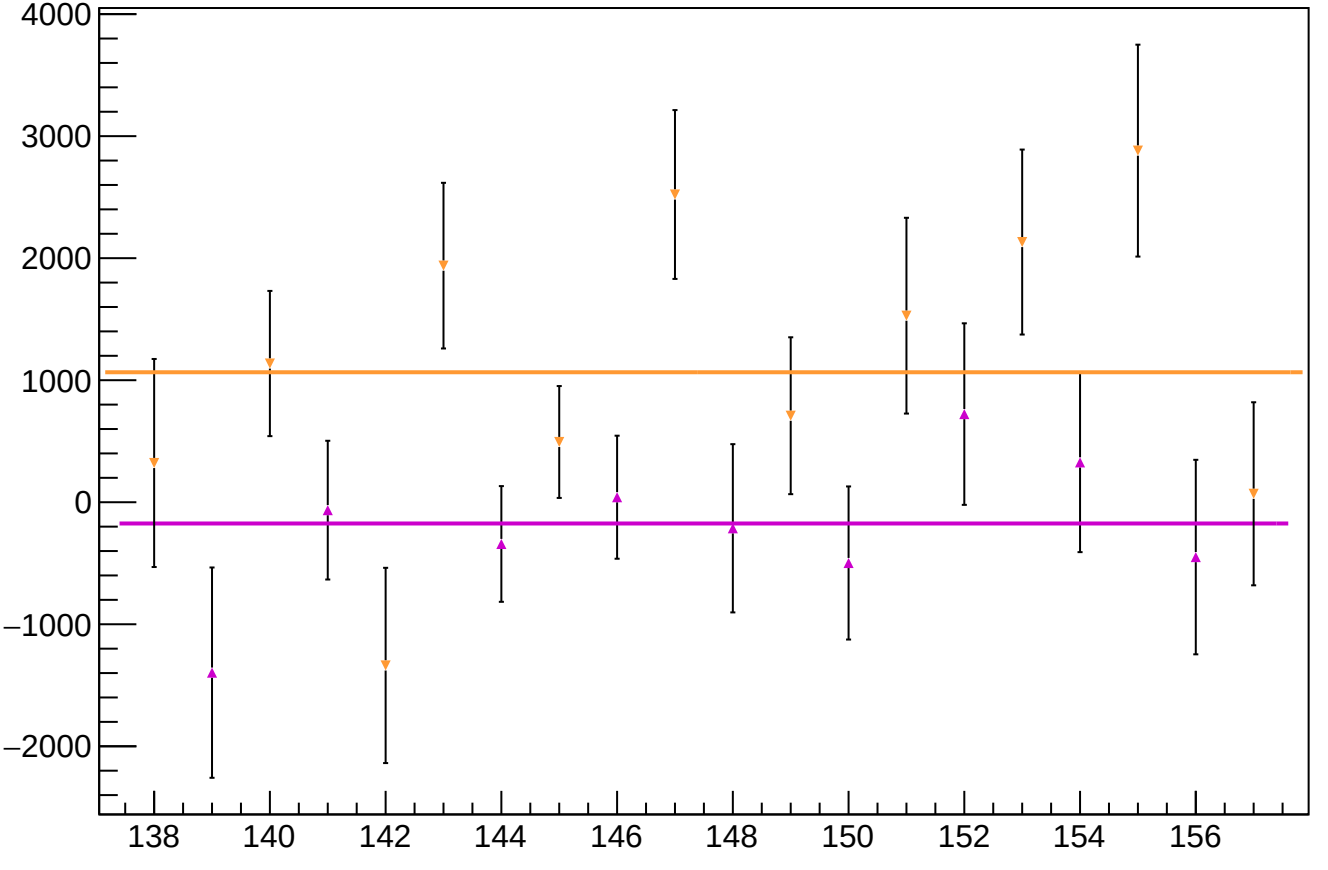
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 552.629+/-0.146 χ^2/NDF:570860.5/8

Out: 492.448+/-0.131 χ^2/NDF:1431183.1/10

All: 519.293+/-0.098 χ^2/NDF: 2095556.1/19

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 1065.155+/-205.848 χ^2/NDF:26.2/10

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

Left In: -174.178+/-209.901 χ^2/NDF:4.7/8

Left: 457.569+/-146.968 χ^2/NDF: 48.6/19

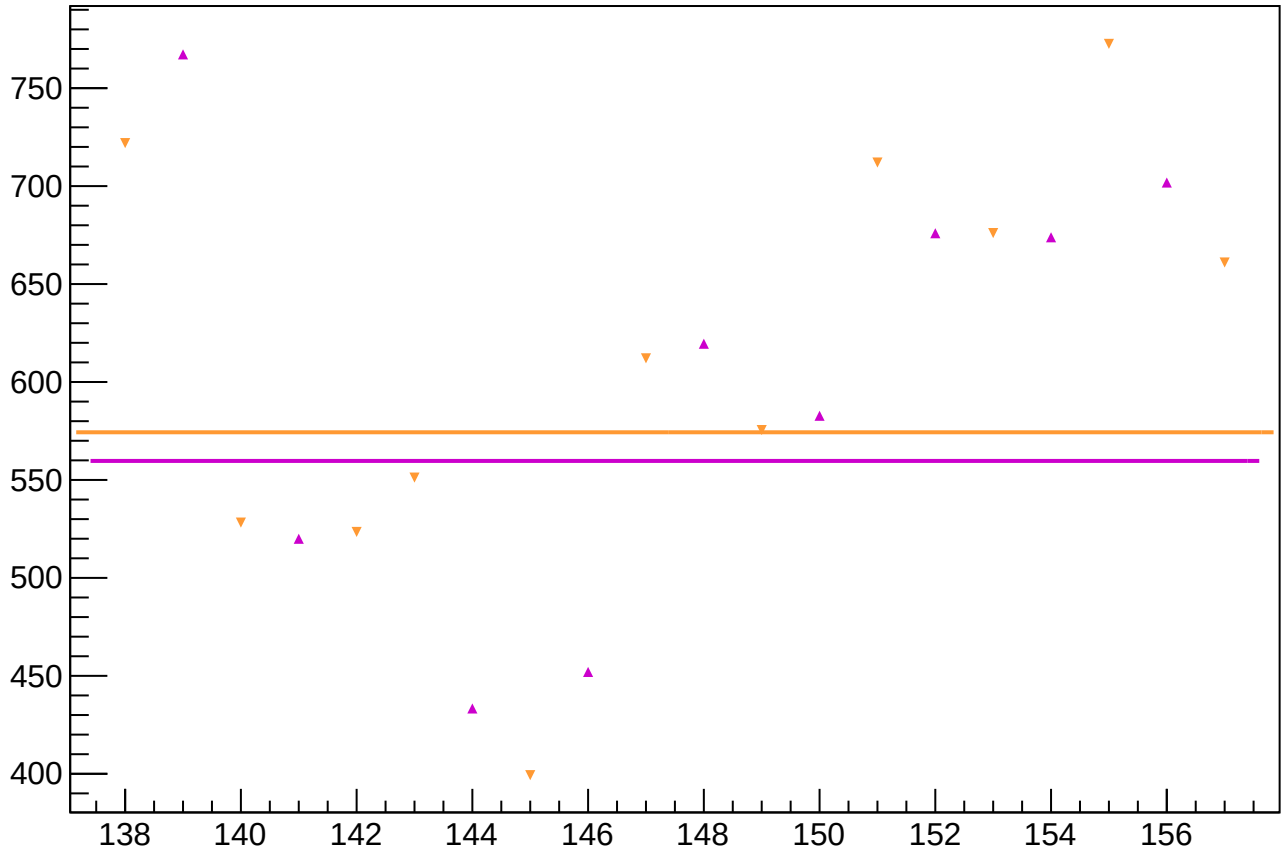
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -174.178+/-209.901 χ^2/NDF:4.7/8

Out: 1065.155+/-205.848 χ^2/NDF:26.2/10

All: 457.569+/-146.968 χ^2/NDF: 48.6/19

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 574.333+/-0.146 χ^2/NDF:605845.3/10

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

Left In: 559.711+/-0.148 χ^2/NDF:537440.4/8

Left: 567.164+/-0.104 χ^2/NDF: 1148233.0/19

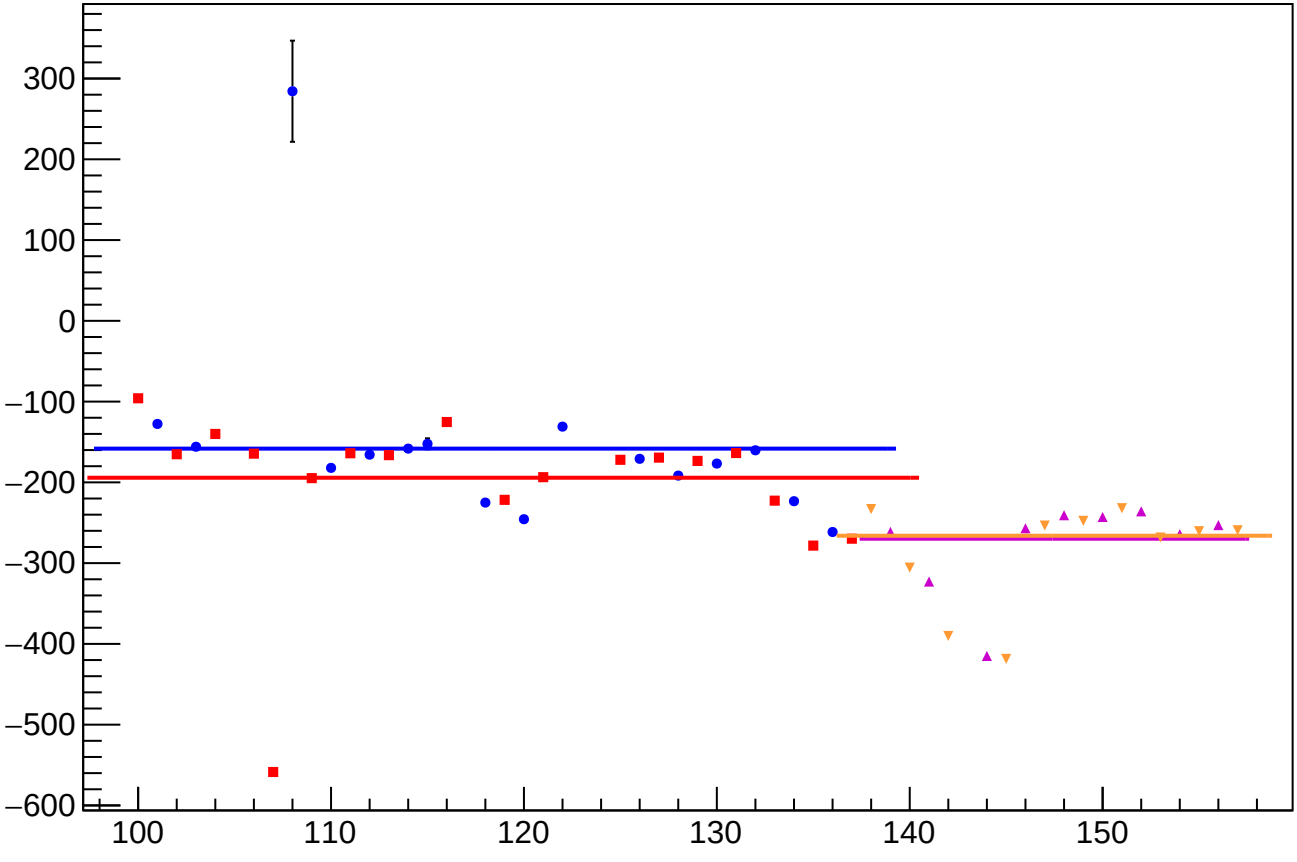
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 559.711+/-0.148 χ^2/NDF:537440.4/8

Out: 574.333+/-0.146 χ^2/NDF:605845.3/10

All: 567.164+/-0.104 χ^2/NDF: 1148233.0/19

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -266.072+/-0.183 χ^2/NDF:25252.7/9

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -269.781+/-0.202 χ^2/NDF:42886.3/8

Left: -267.742+/-0.136 χ^2/NDF: 68323.9/18

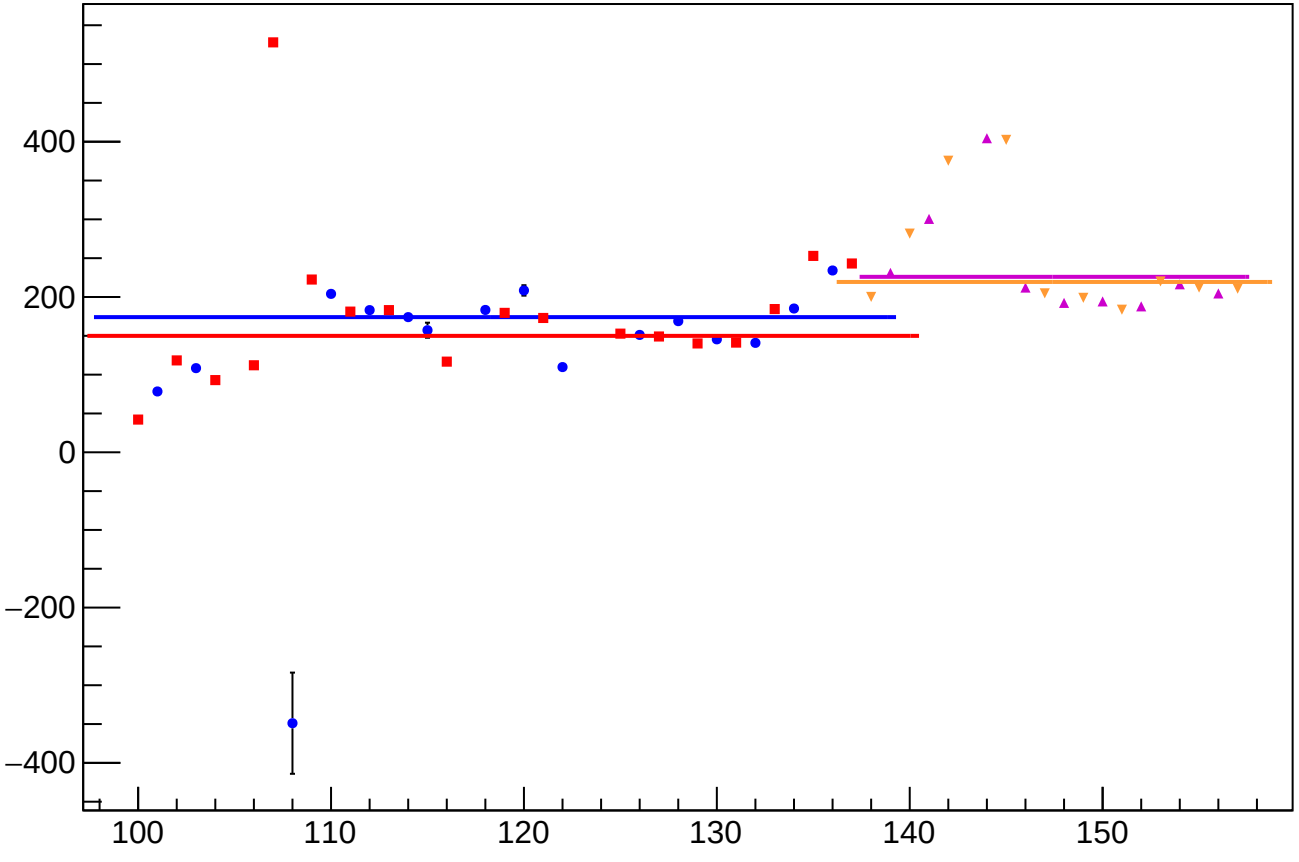
Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:464269.4/24

Out: -226.483+/-0.123 χ^2/NDF:286630.8/27

All: -158.222+/-0.000 χ^2/NDF: 1060791.9/52

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 219.378+/-0.182 χ^2/NDF:33227.1/9

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 225.980+/-0.205 χ^2/NDF:60768.3/8

Left: 222.284+/-0.136 χ^2/NDF: 94576.6/18

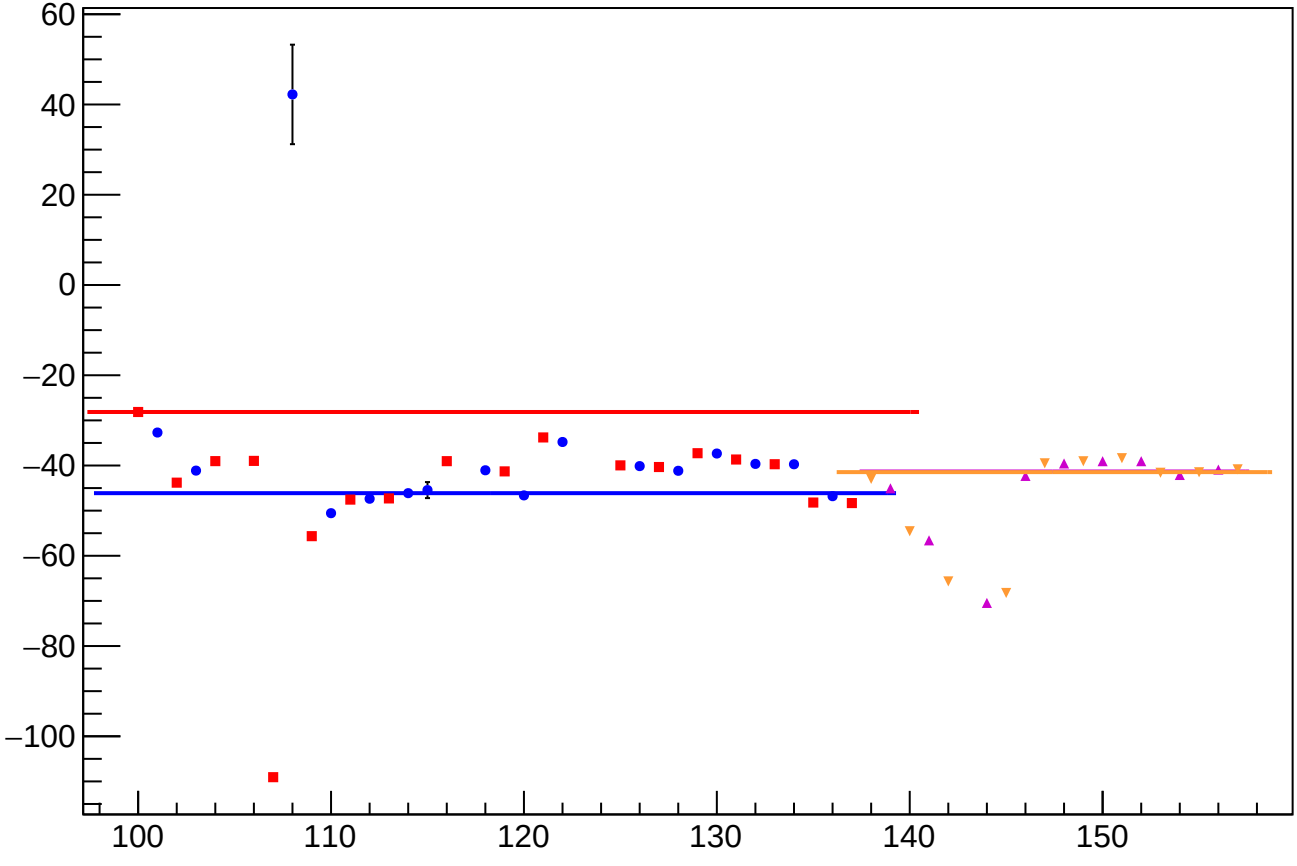
Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:178288.6/24

Out: 187.207+/-0.133 χ^2/NDF:268728.7/27

All: 174.085+/-0.000 χ^2/NDF: 456735.4/52

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -41.462+/-0.009 χ^2/NDF:84191.4/9

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -41.324+/-0.012 χ^2/NDF:154724.6/8

Left: -41.411+/-0.007 χ^2/NDF: 239002.9/18

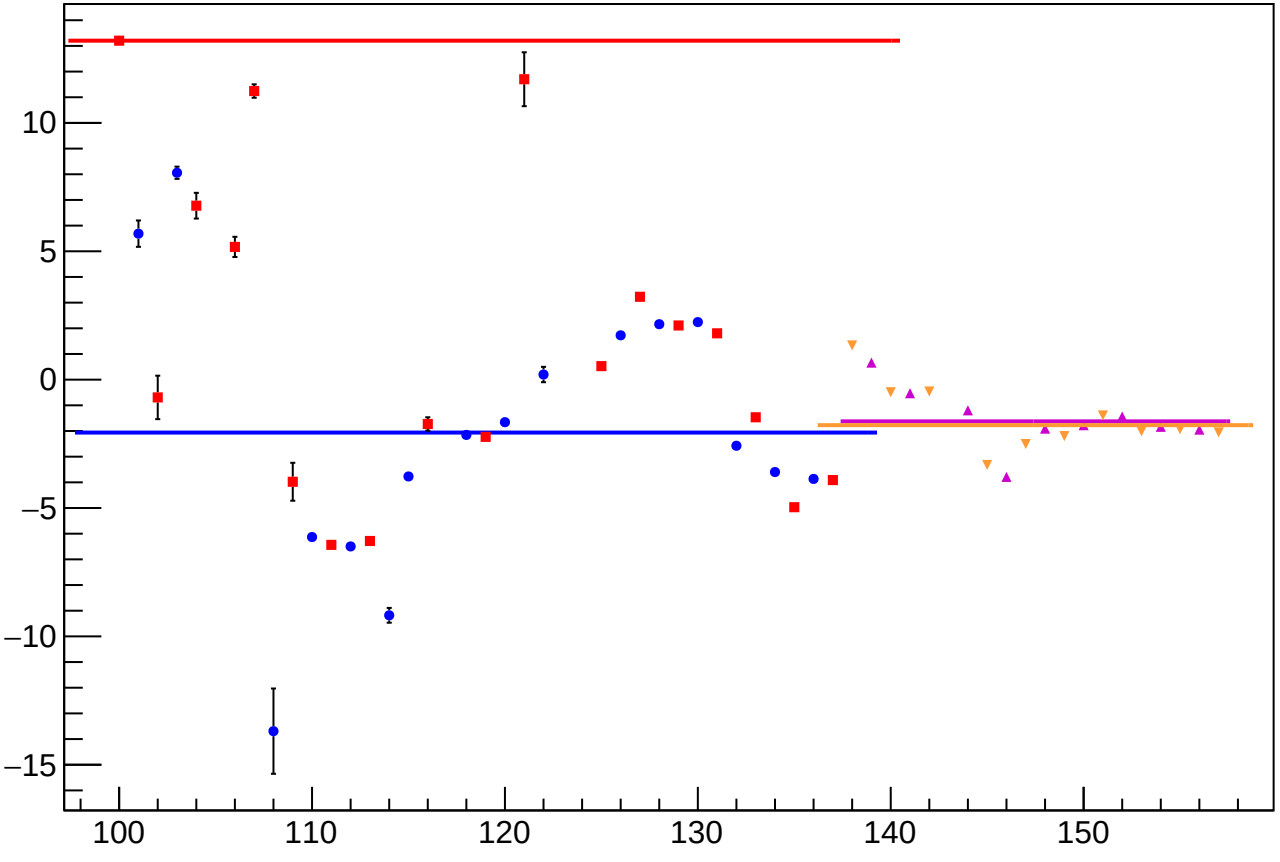
Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:523844.6/24

Out: -28.139+/-0.000 χ^2/NDF:3011282.4/27

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: -1.773+/-0.010 χ^2/NDF:7369.0/9

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: -1.625+/-0.008 χ^2/NDF:6546.1/8

Left: -1.681+/-0.006 χ^2/NDF: 14038.1/18

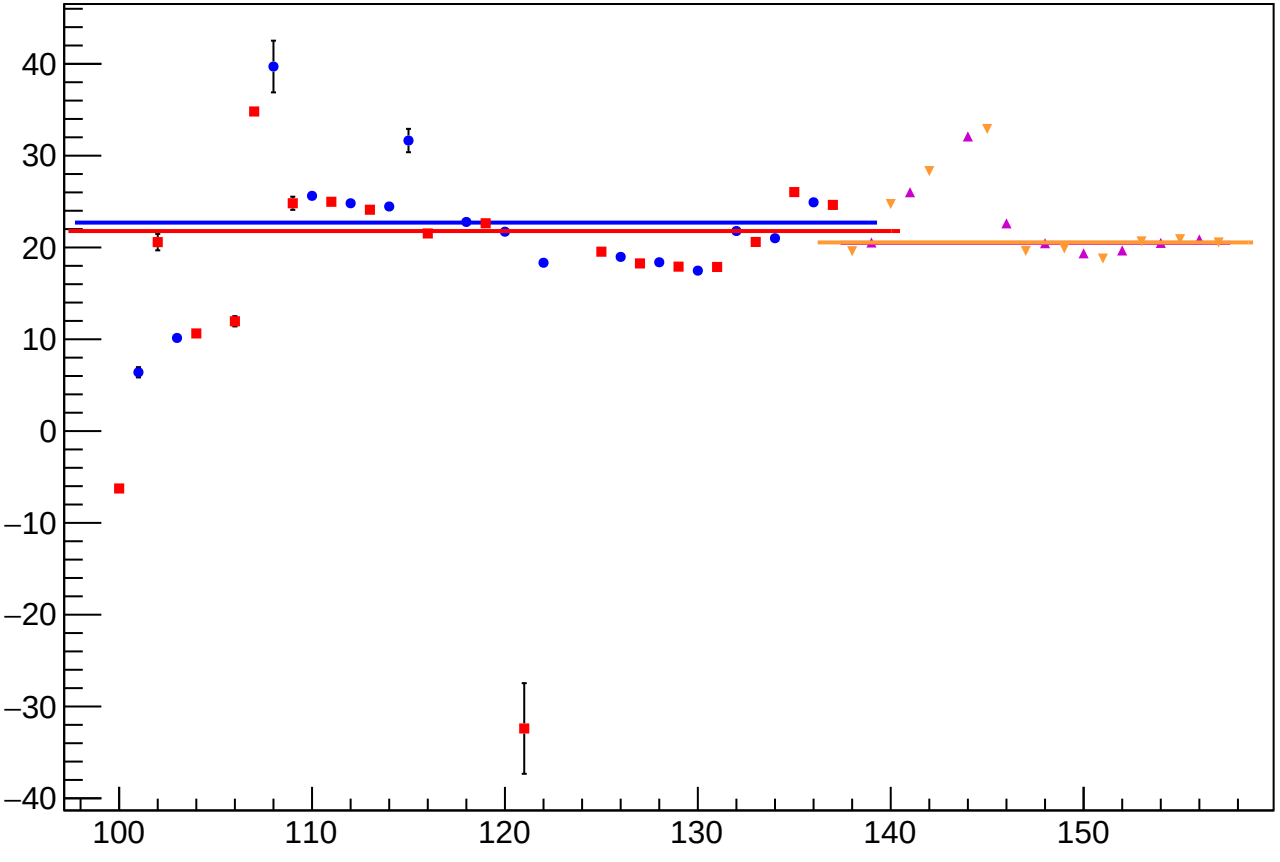
Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: -1.702+/-0.008 χ^2/NDF:32704.6/24

Out: 13.204+/-0.000 χ^2/NDF:2556126.3/27

All: 13.204+/-0.000 χ^2/NDF: 6529703.9/52

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 20.550+/-0.012 χ^2/NDF:14540.6/9

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 20.500+/-0.011 χ^2/NDF:26705.6/8

Left: 20.521+/-0.008 χ^2/NDF: 41255.9/18

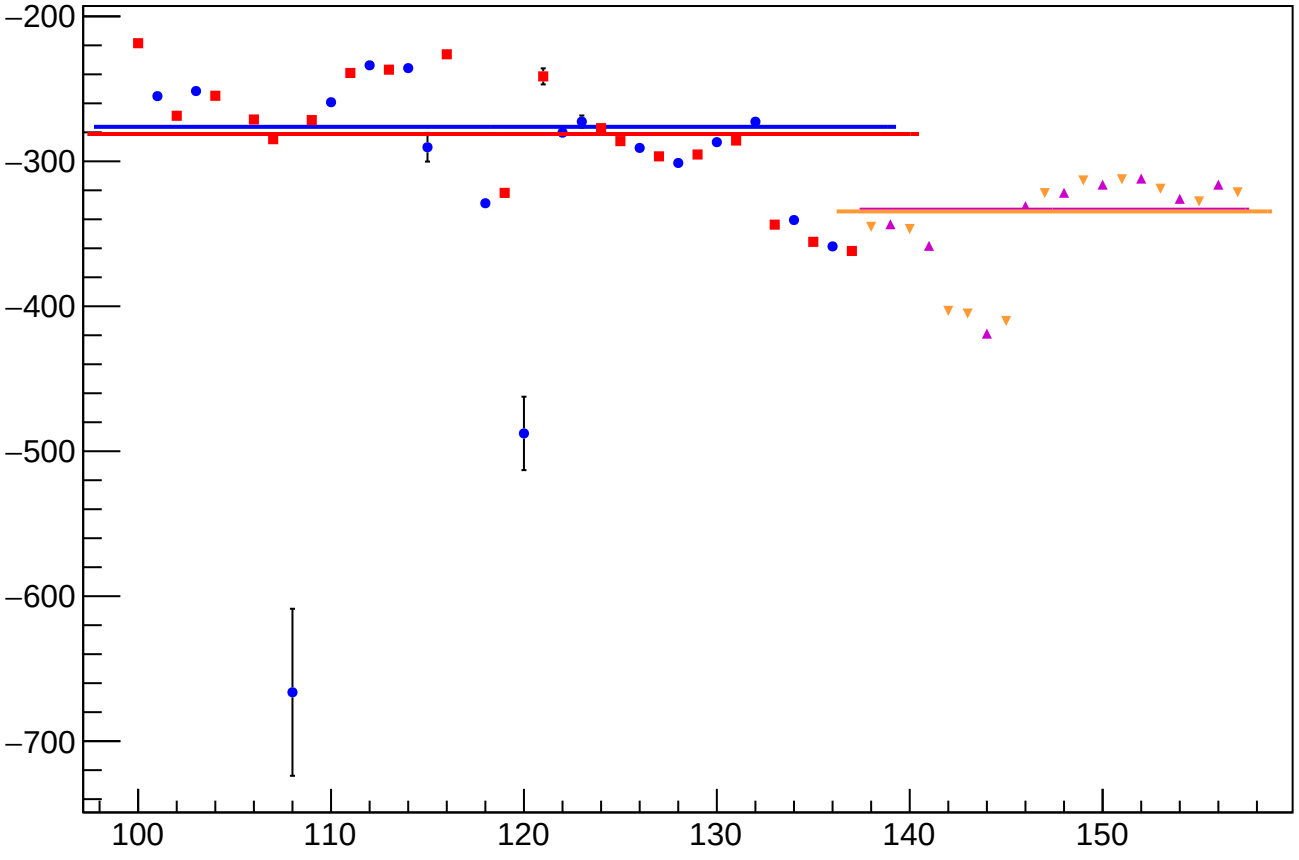
Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 21.037+/-0.009 χ^2/NDF:59995.7/24

Out: 20.849+/-0.011 χ^2/NDF:43734.4/27

All: 20.955+/-0.007 χ^2/NDF: 103910.1/52

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -334.555+/-0.171 χ^2/NDF:25386.5/10

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -333.350+/-0.140 χ^2/NDF:32249.6/8

Left: -333.834+/-0.108 χ^2/NDF: 57665.8/19

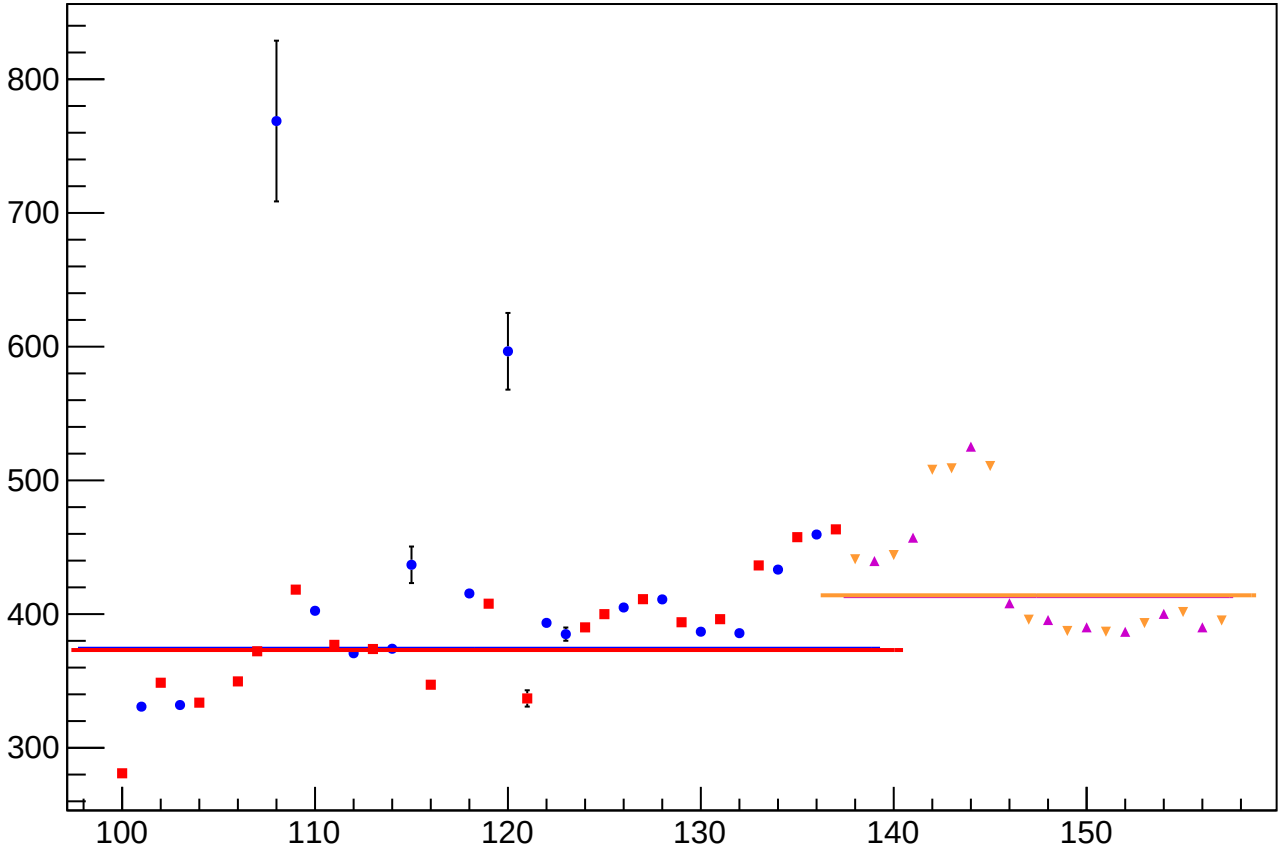
Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -309.656+/-0.107 χ^2/NDF:159269.2/25

Out: -303.925+/-0.112 χ^2/NDF:158862.1/29

All: -306.908+/-0.077 χ^2/NDF: 319500.6/55

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 414.063+/-0.171 χ^2/NDF:46664.8/10

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 413.452+/-0.142 χ^2/NDF:55920.0/8

Left: 413.702+/-0.109 χ^2/NDF: 102592.4/19

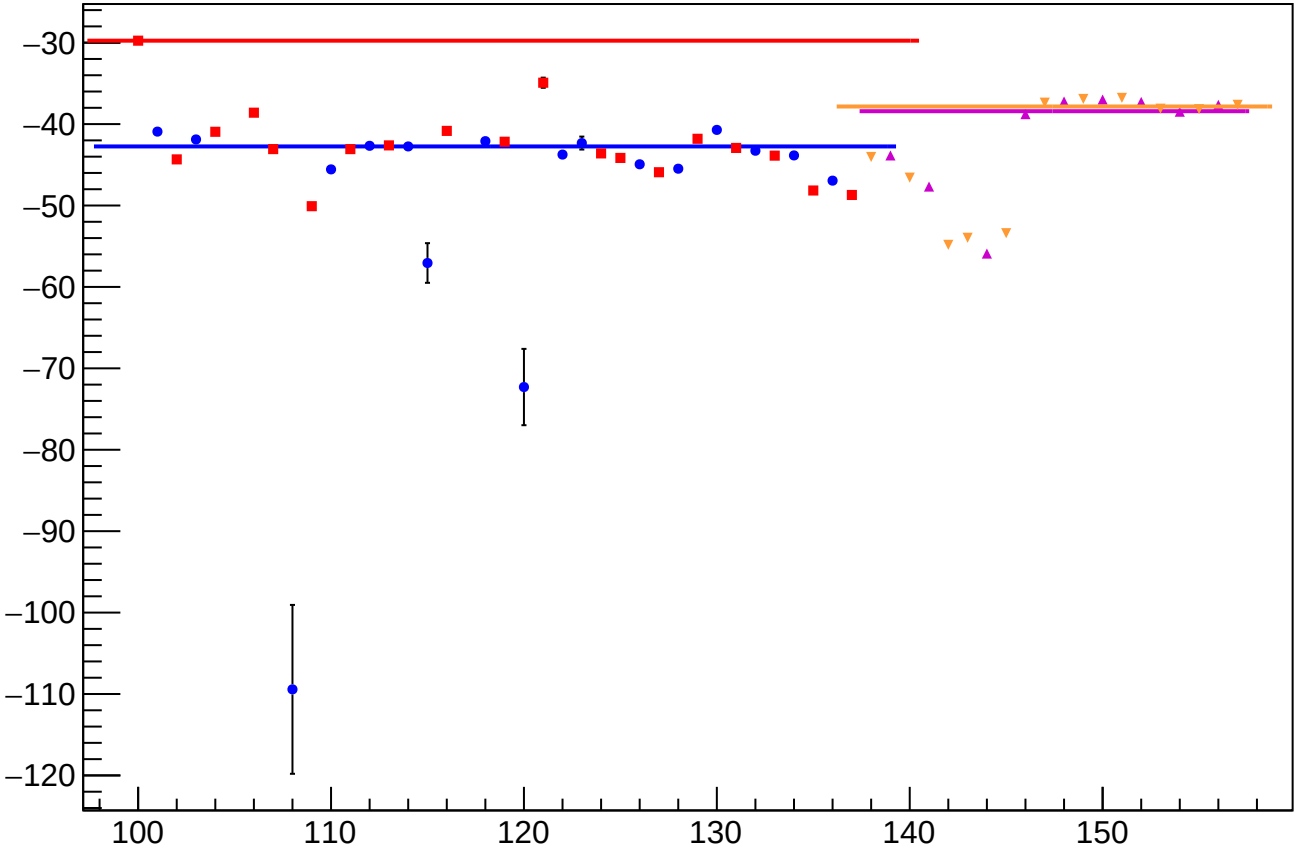
Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:167645.8/25

Out: 391.966+/-0.116 χ^2/NDF:185779.3/29

All: 374.094+/-0.000 χ^2/NDF: 377138.7/55

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.839+/-0.005 χ^2/NDF:249400.8/10

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -38.416+/-0.007 χ^2/NDF:138718.9/8

Left: -38.064+/-0.004 χ^2/NDF: 392645.5/19

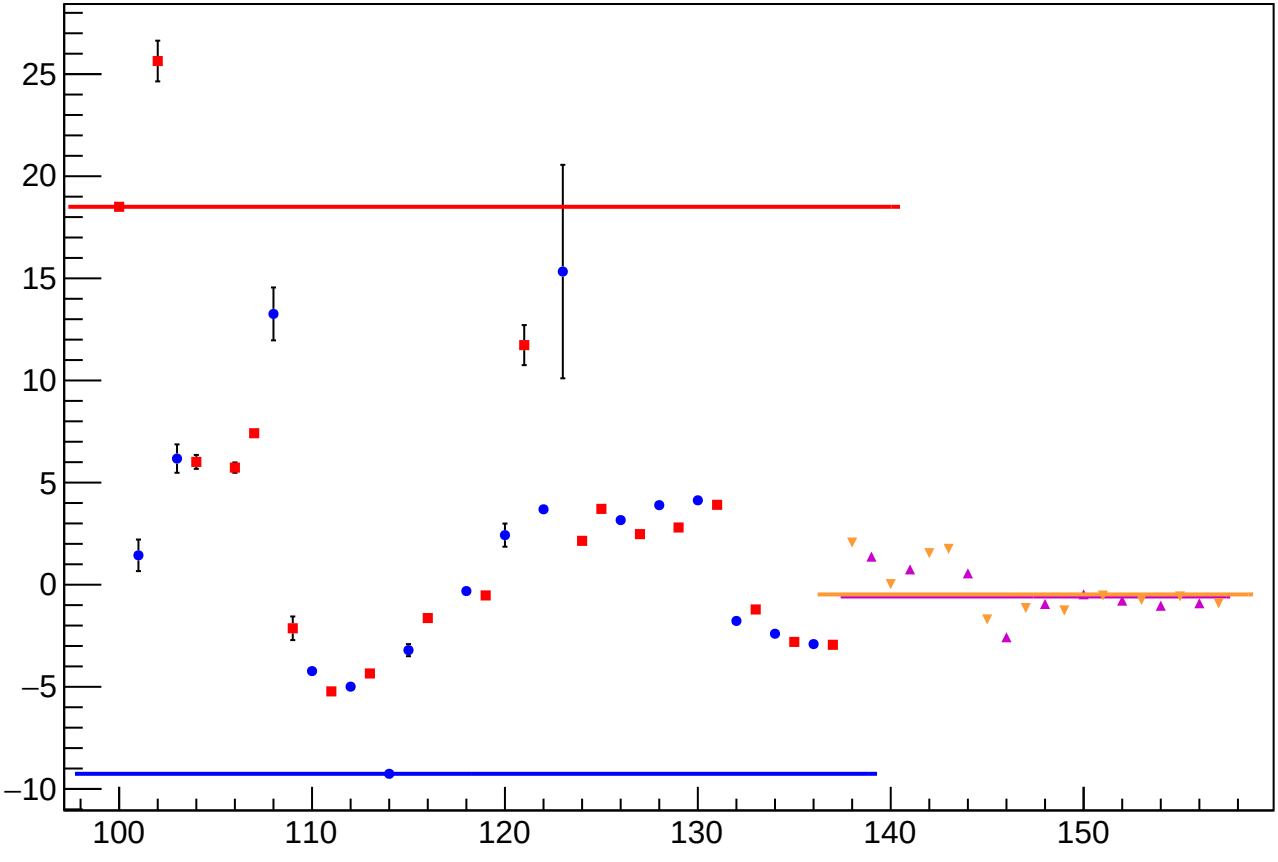
Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:568252.9/25

Out: -29.754+/-0.000 χ^2/NDF:3013367.2/29

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: -0.476+/-0.009 χ^2/NDF:11542.8/10

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: -0.577+/-0.009 χ^2/NDF:8758.6/8

Left: -0.529+/-0.006 χ^2/NDF: 20367.4/19

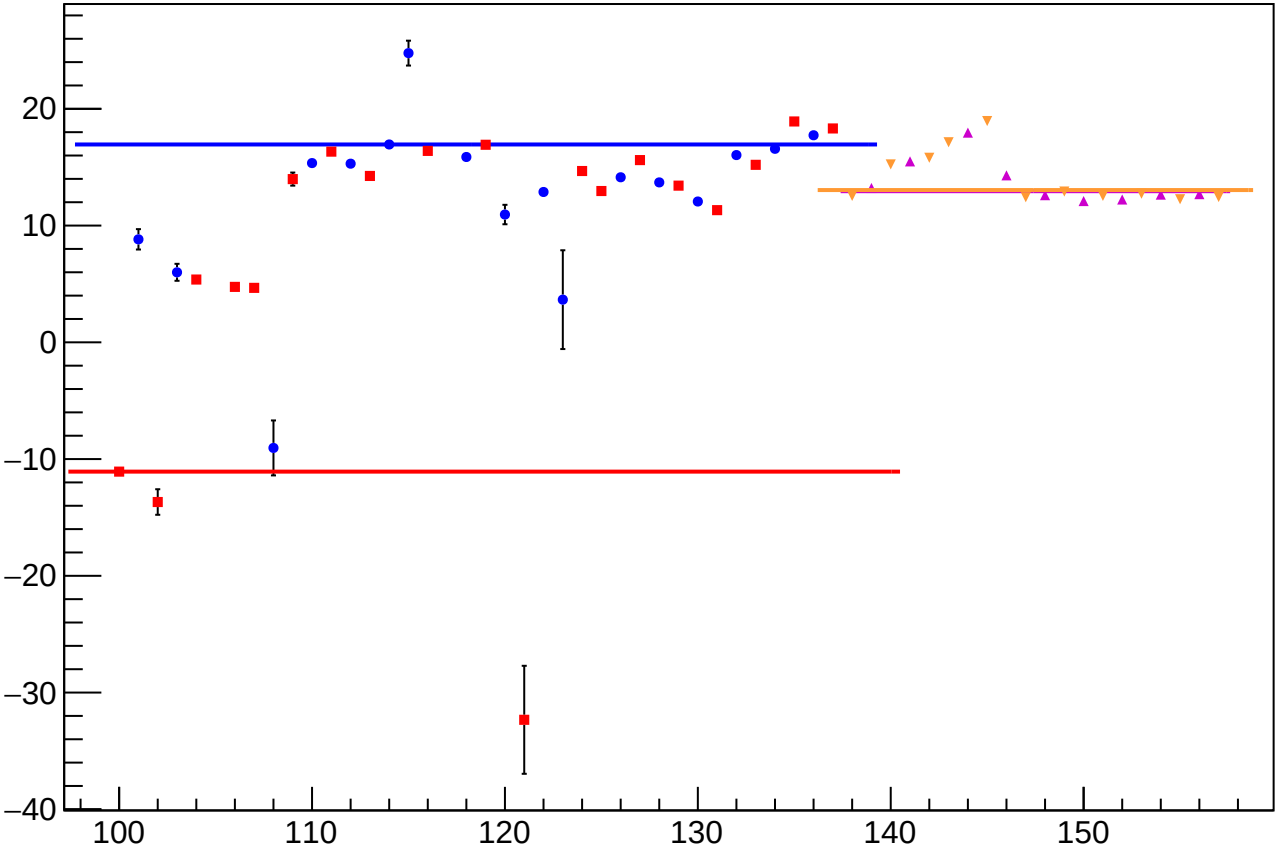
Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:1439665.3/25

Out: 18.504+/-0.000 χ^2/NDF:11901310.3/29

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: 13.041+/-0.010 χ^2/NDF:13995.3/10

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 12.945+/-0.012 χ^2/NDF:9582.2/8

Left: 13.001+/-0.008 χ^2/NDF: 23614.3/19

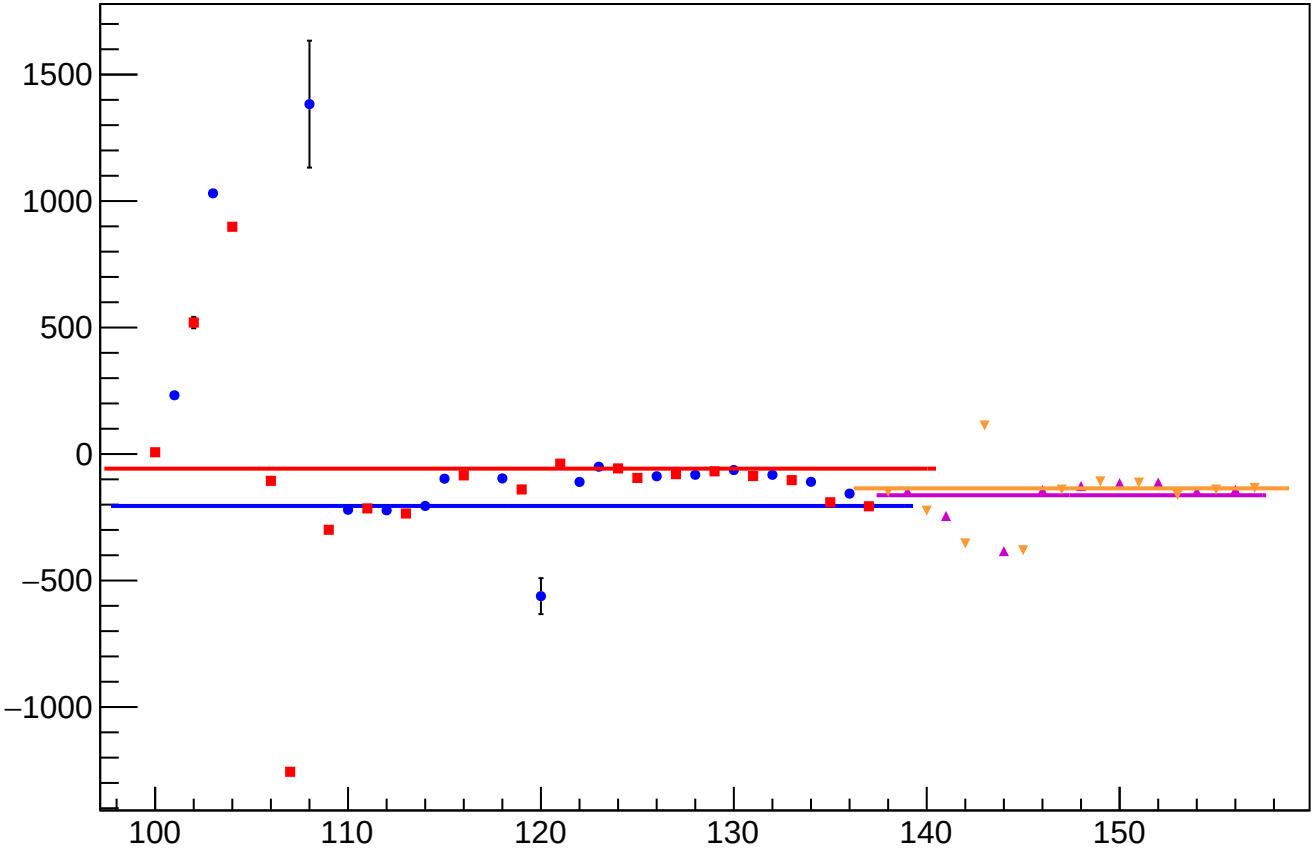
Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:128419.7/25

Out: -11.075+/-0.000 χ^2/NDF:8225017.3/29

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: -135.670+/-0.309 χ^2/NDF:43104.7/10

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -162.852+/-0.376 χ^2/NDF:37925.2/8

Left: -146.642+/-0.239 χ^2/NDF: 84152.1/19

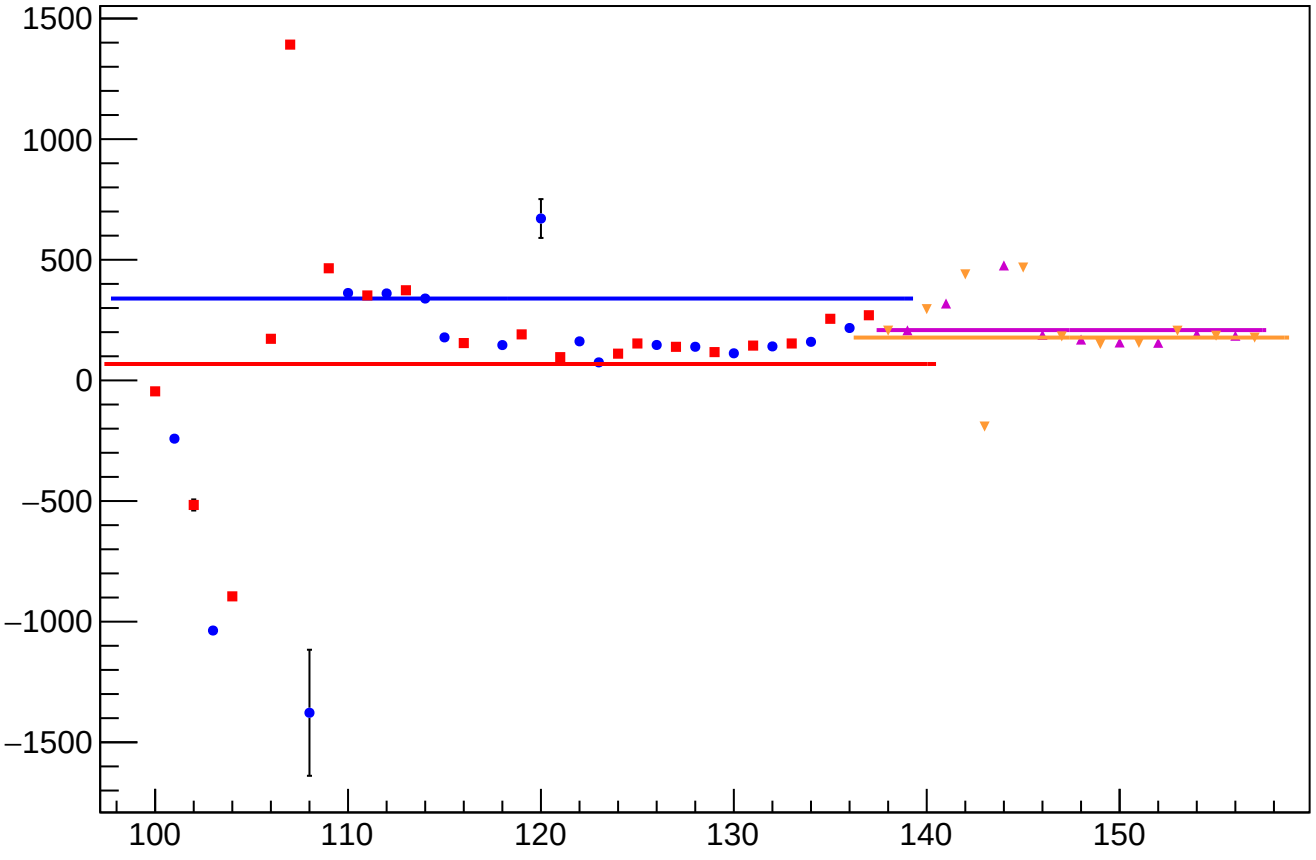
Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:633384.2/25

Out: -93.298+/-0.209 χ^2/NDF:192553.1/29

All: -205.160+/-0.000 χ^2/NDF: 1112786.6/55

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 177.575+/-0.310 χ^2/NDF:78937.6/10

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 208.541+/-0.382 χ^2/NDF:44459.2/8

Left: 189.868+/-0.240 χ^2/NDF: 127367.2/19

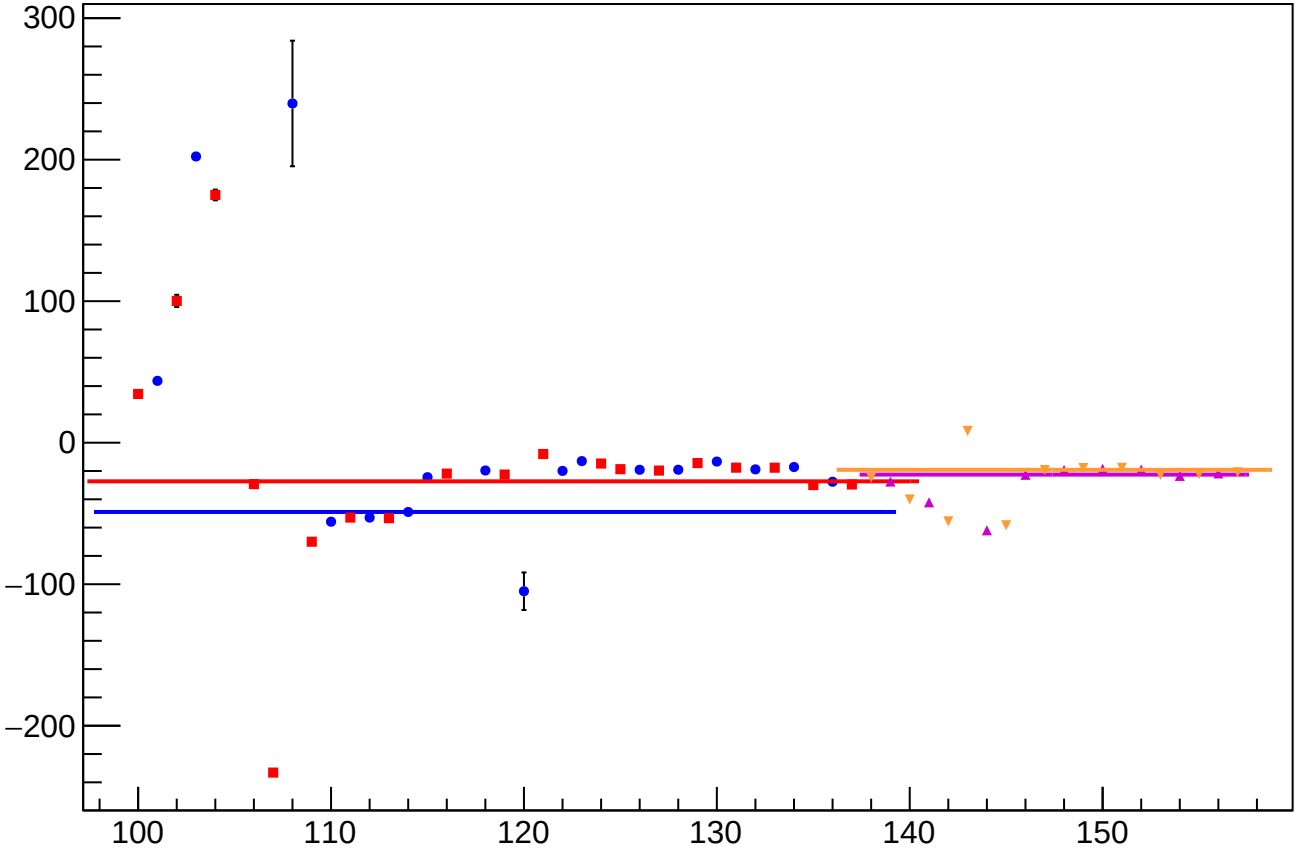
Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1192514.2/25

Out: 118.474+/-0.210 χ^2/NDF:418799.7/29

All: 339.325+/-0.000 χ^2/NDF: 2716017.3/55

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -19.156+/-0.014 χ^2/NDF:561950.6/10

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -22.536+/-0.022 χ^2/NDF:119030.1/8

Left: -20.138+/-0.012 χ^2/NDF: 698122.0/19

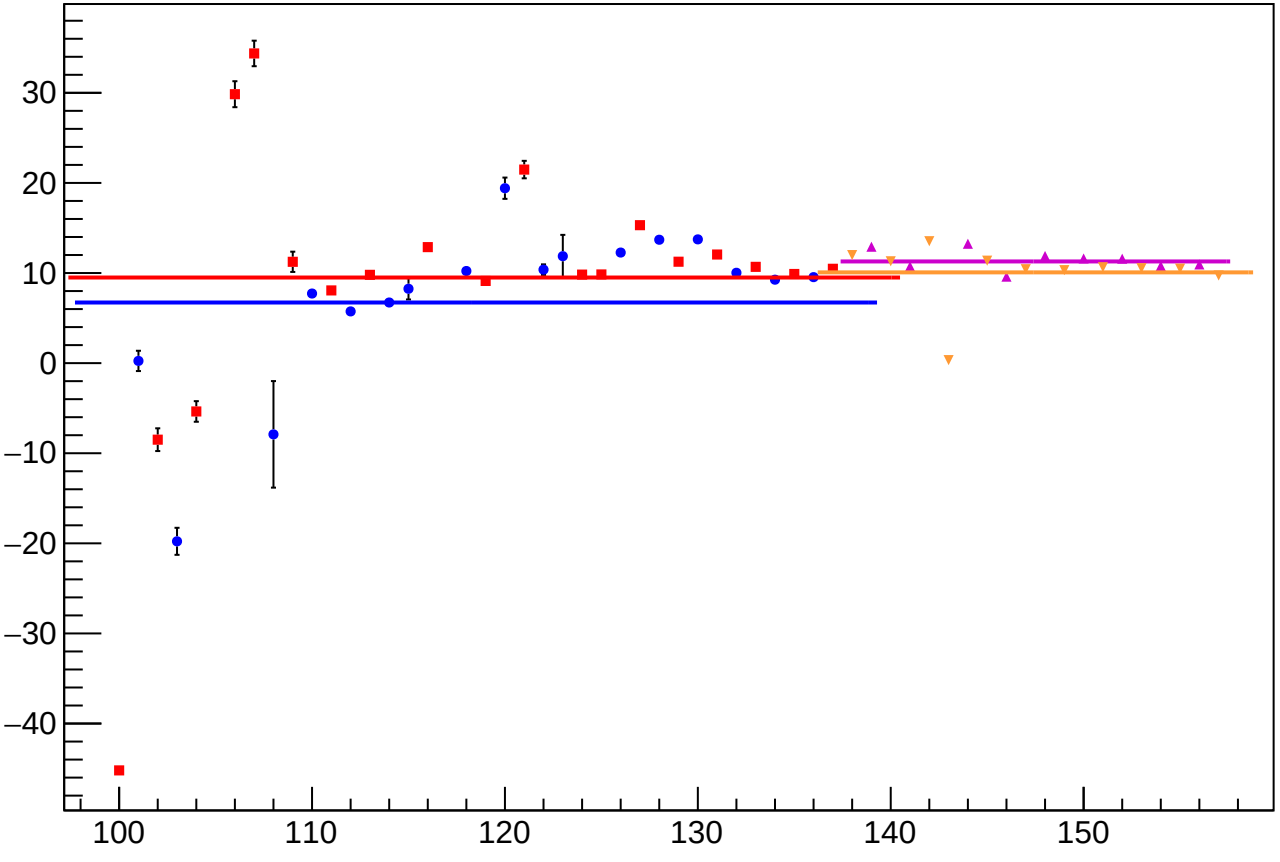
Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:7002500.2/25

Out: -19.706+/-0.013 χ^2/NDF:752988.6/29

All: -48.945+/-0.000 χ^2/NDF: 12494715.3/55

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 10.073+/-0.021 χ^2/NDF:20842.5/10

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 11.286+/-0.018 χ^2/NDF:2447.9/8

Left: 10.779+/-0.014 χ^2/NDF: 25200.6/19

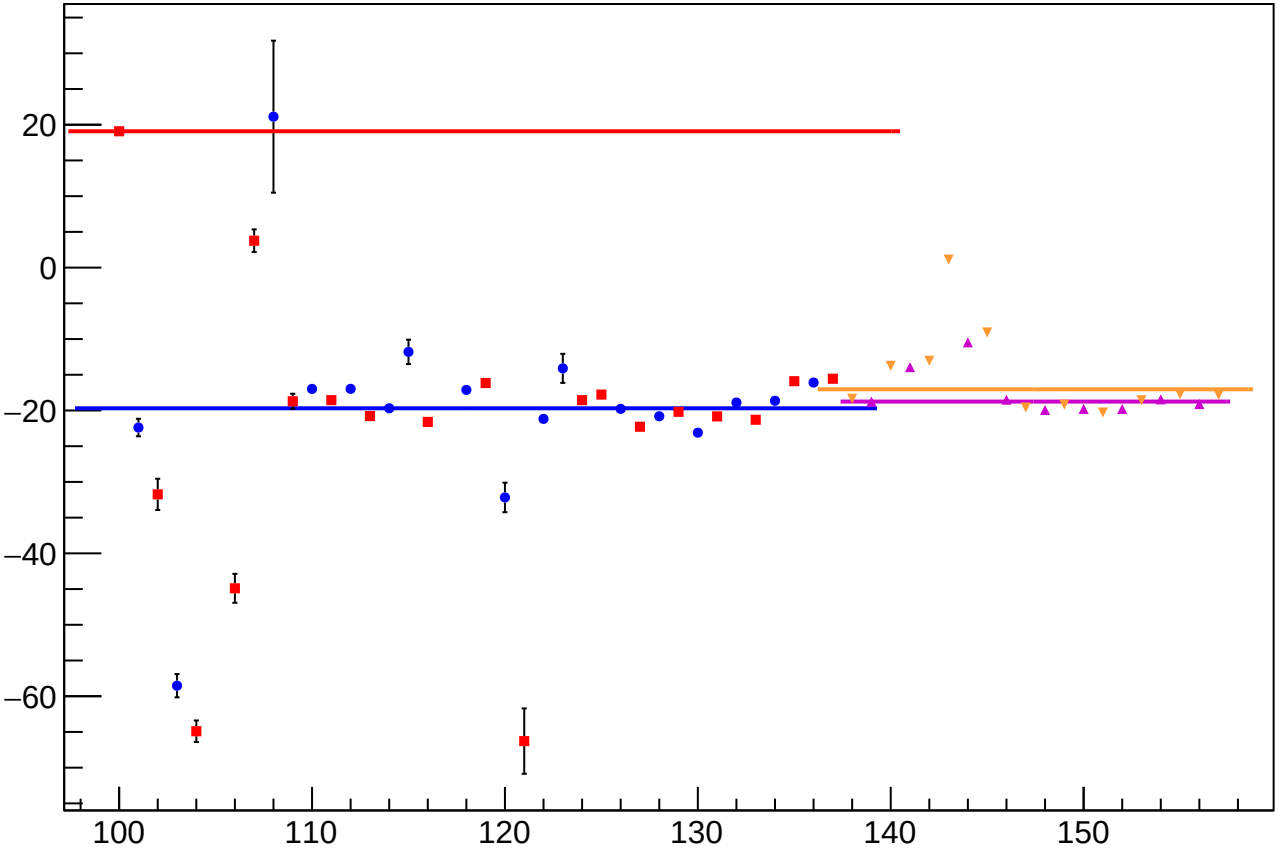
Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:80763.5/25

Out: 9.924+/-0.018 χ^2/NDF:47854.4/29

All: 6.728+/-0.000 χ^2/NDF: 159431.9/55

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -17.038+/-0.023 χ^2/NDF:35984.4/10

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -18.752+/-0.024 χ^2/NDF:5443.9/8

Left: -17.893+/-0.017 χ^2/NDF: 44095.5/19

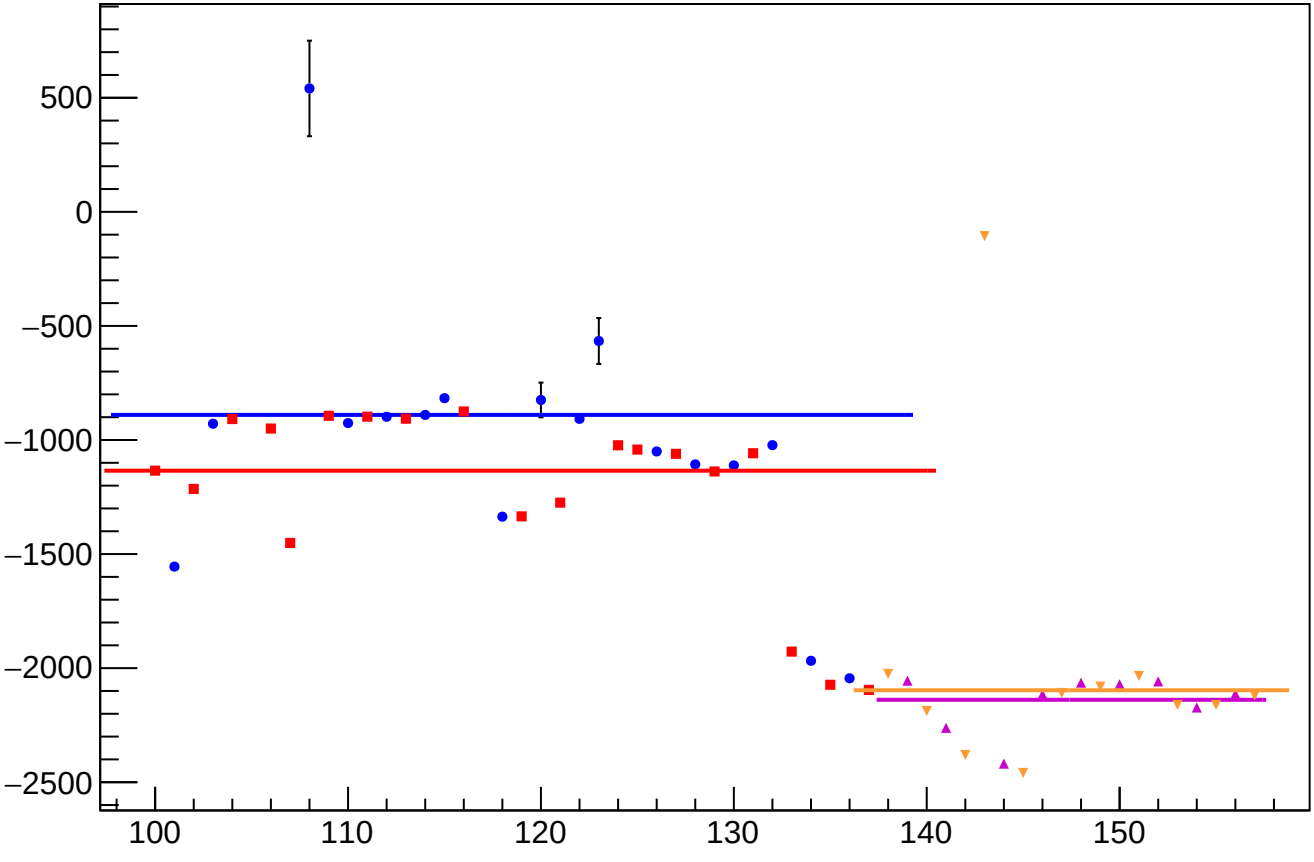
Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:14624.4/25

Out: 19.086+/-0.000 χ^2/NDF:3018748.8/29

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: -2096.892+/-0.547 χ^2/NDF:264356.8/10

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -2138.693+/-0.604 χ^2/NDF:31645.1/8

Left: -2115.714+/-0.406 χ^2/NDF: 298631.9/19

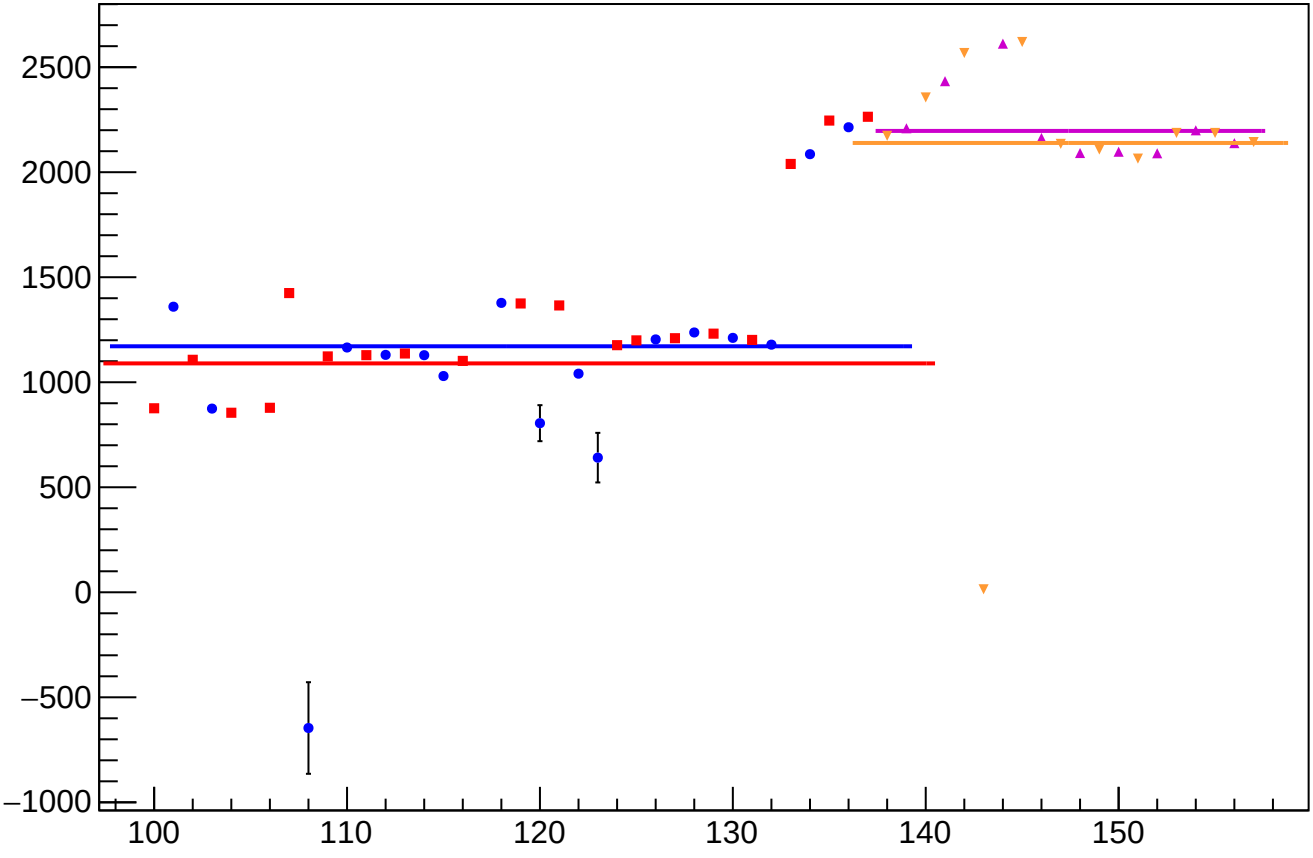
Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:5077474.3/25

Out: -1134.421+/-0.000 χ^2/NDF:4094818.1/29

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: 2139.236+/-0.541 χ^2/NDF:302261.3/10

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2196.538+/-0.617 χ^2/NDF:55465.4/8

Left: 2164.143+/-0.407 χ^2/NDF: 362600.2/19

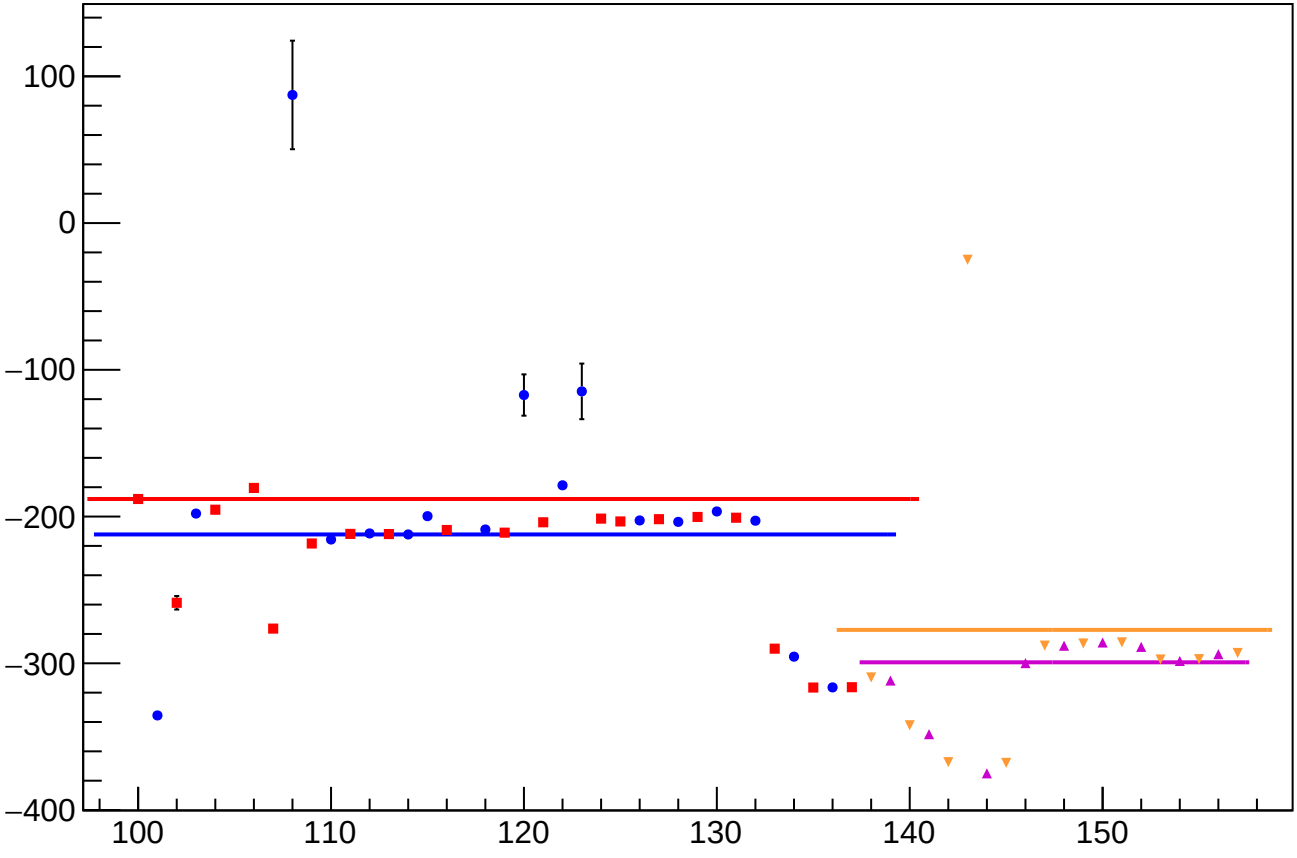
Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1311.144+/-0.228 χ^2/NDF:2947926.9/25

Out: 1278.495+/-0.230 χ^2/NDF:4487252.2/29

All: 1294.927+/-0.162 χ^2/NDF: 7445363.1/55

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -277.229+/-0.030 χ^2/NDF:5701193.5/10

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -299.324+/-0.037 χ^2/NDF:272412.5/8

Left: -285.988+/-0.023 χ^2/NDF: 6192083.3/19

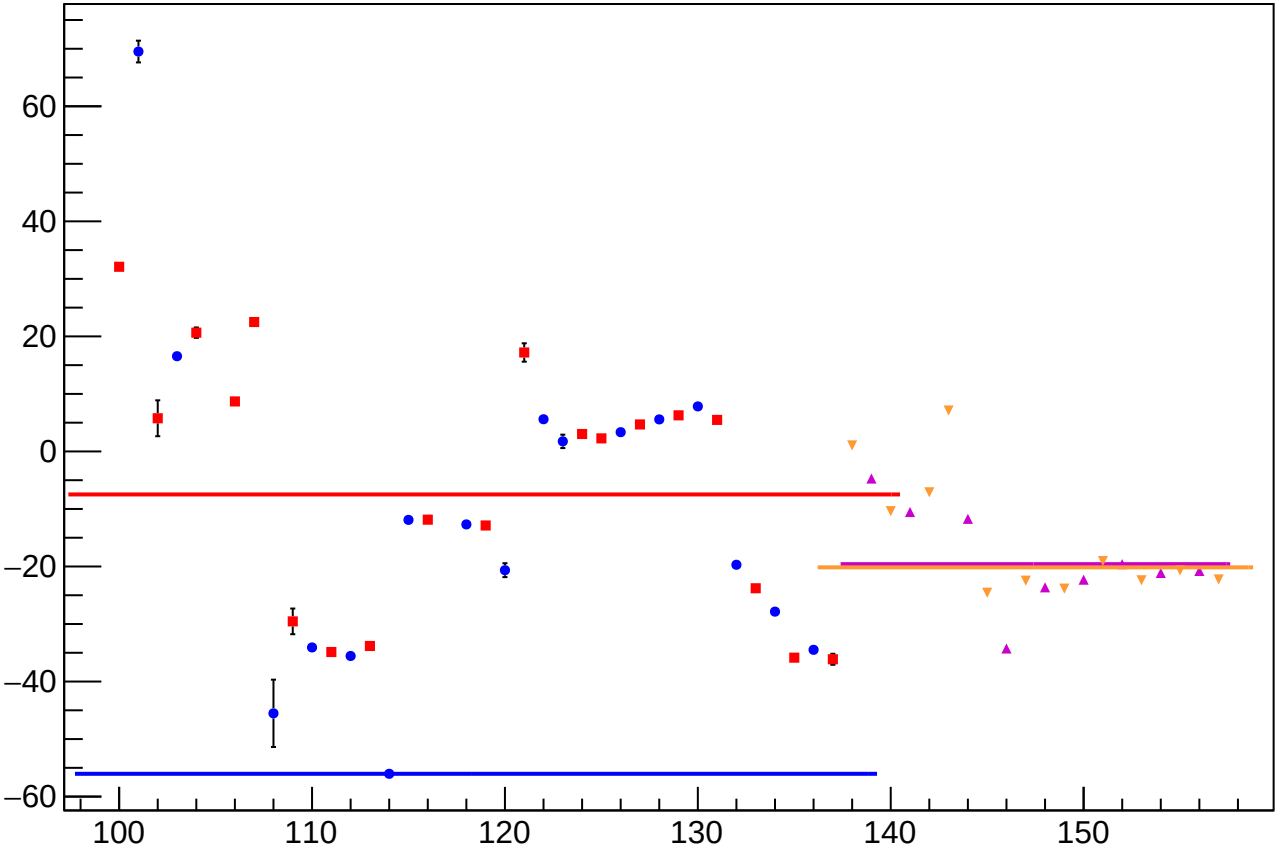
Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:7050875.6/25

Out: -188.033+/-0.000 χ^2/NDF:15285602.7/29

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: -20.149+/-0.032 χ^2/NDF:44275.5/10

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -19.591+/-0.033 χ^2/NDF:25657.9/8

Left: -19.879+/-0.023 χ^2/NDF: 70081.9/19

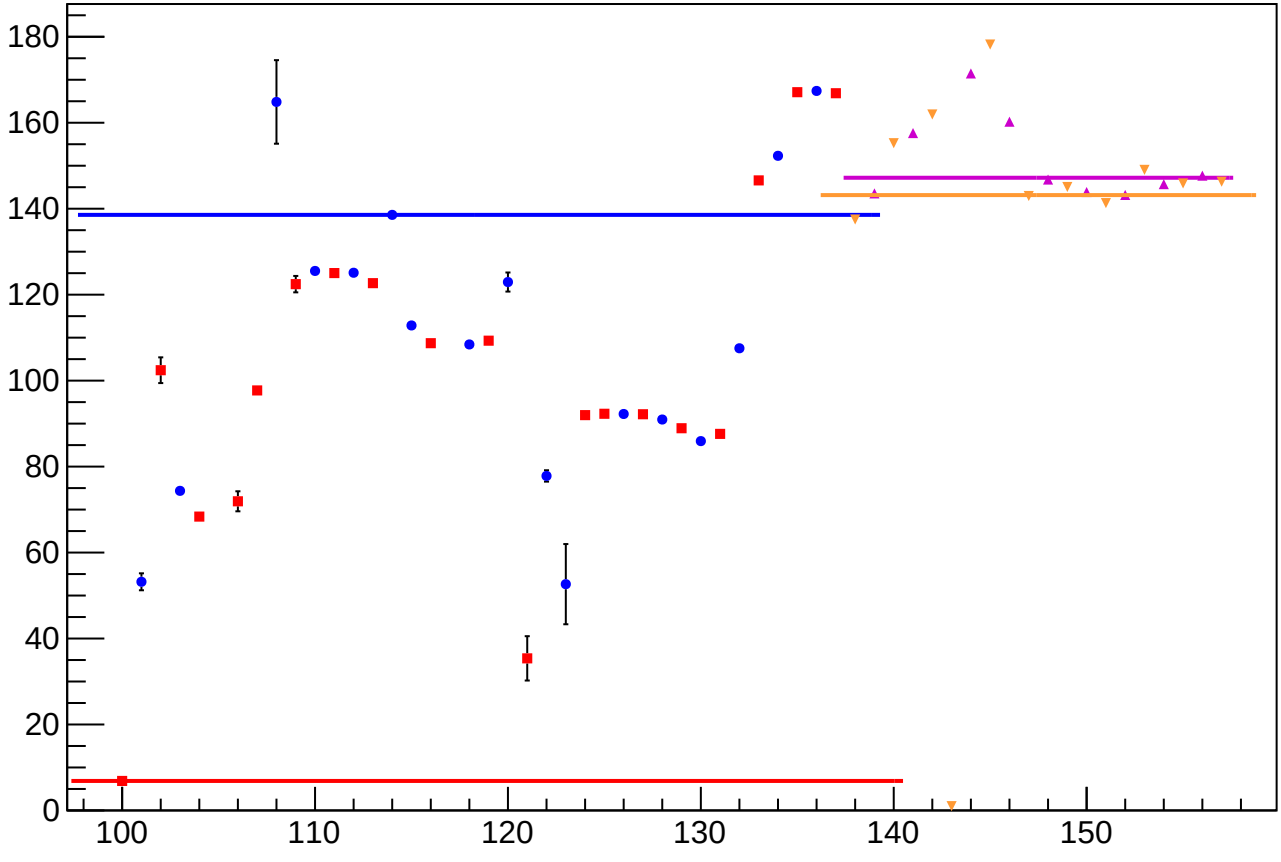
Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:2837256.1/25

Out: -15.543+/-0.025 χ^2/NDF:275630.1/29

All: -56.037+/-0.000 χ^2/NDF: 5648853.5/55

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 143.166+/-0.037 χ^2/NDF:308963.8/10

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 147.201+/-0.040 χ^2/NDF:18199.4/8

Left: 145.055+/-0.027 χ^2/NDF: 332638.8/19

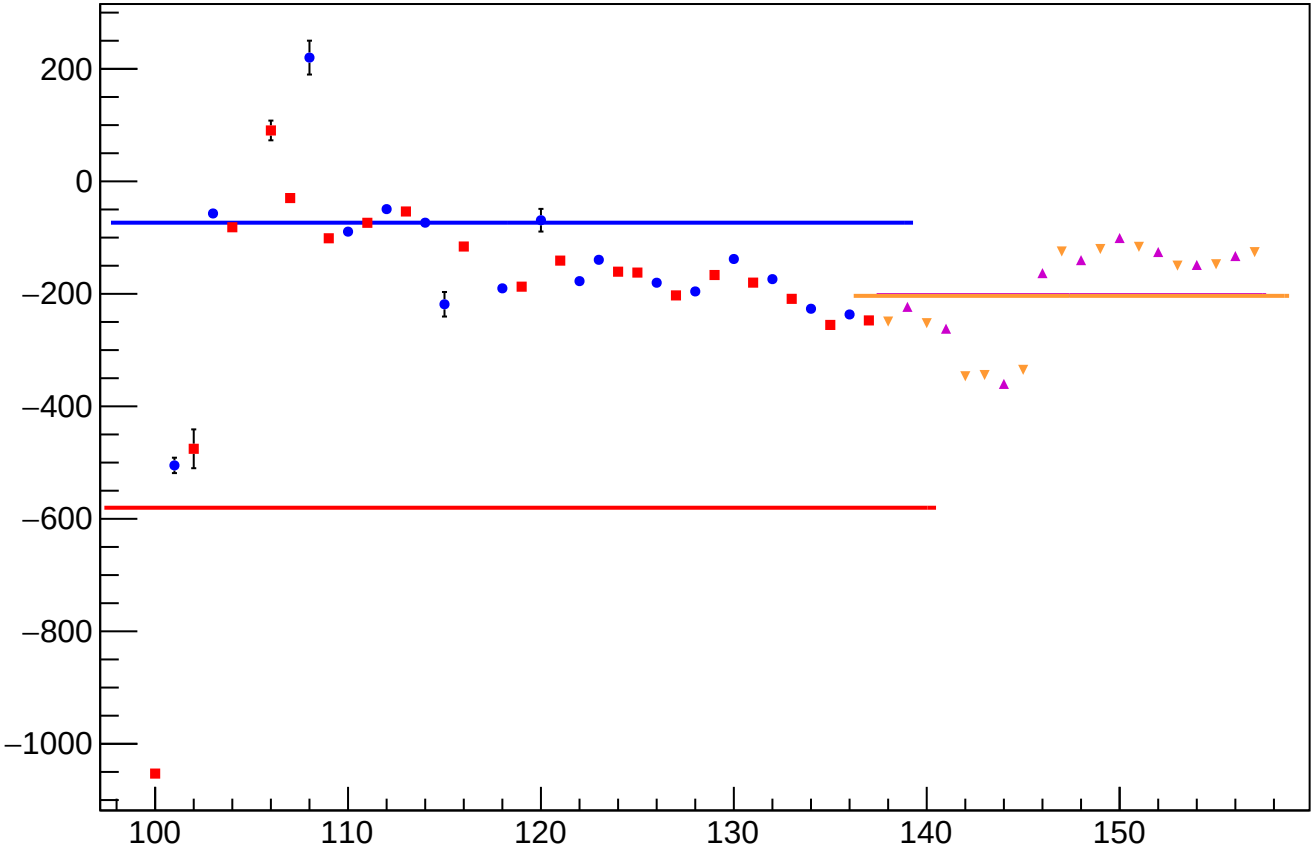
Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:966516.7/25

Out: 6.866+/-0.000 χ^2/NDF:21706156.1/29

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: -203.558+/-0.341 χ^2/NDF:57251.1/10

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -202.169+/-0.381 χ^2/NDF:50172.2/8

Left: -202.939+/-0.254 χ^2/NDF: 107430.7/19

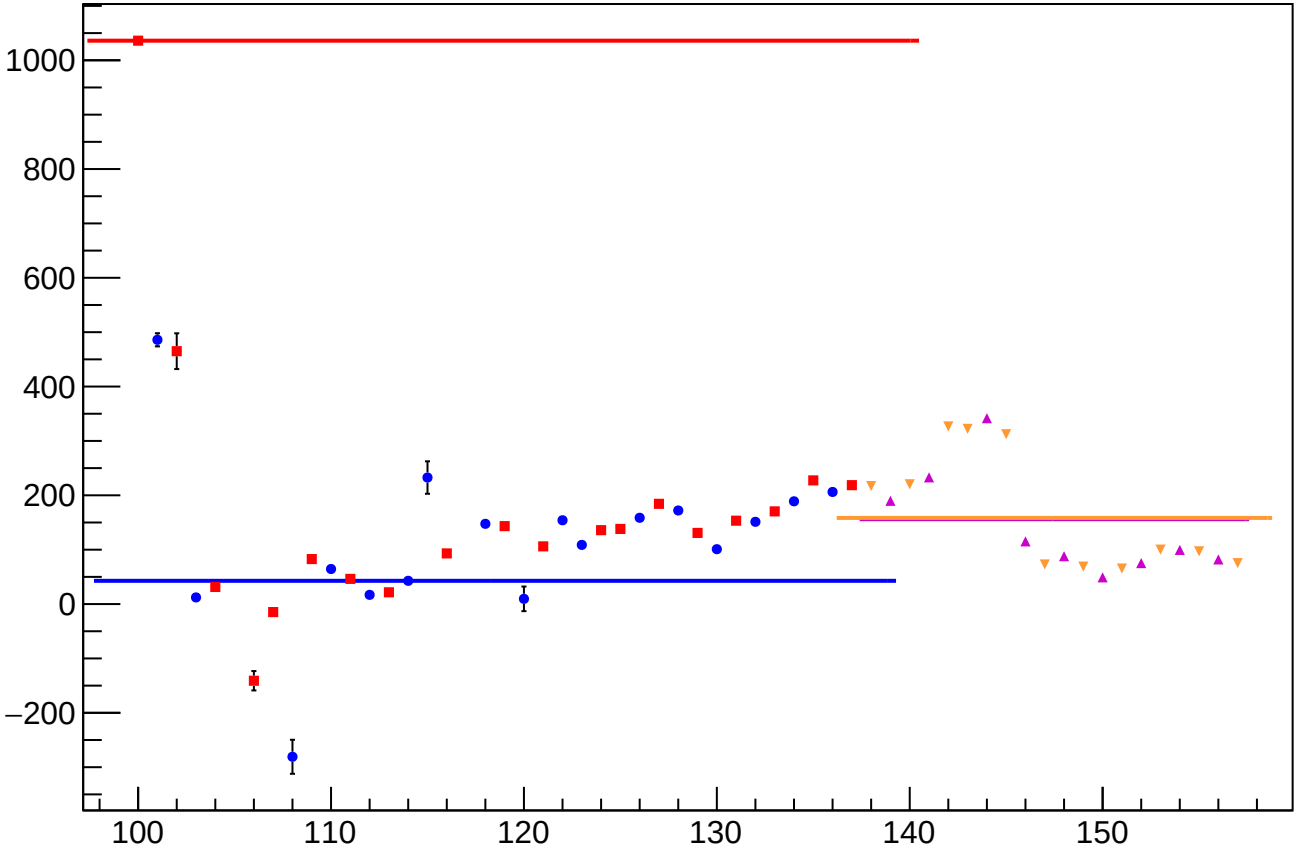
Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:262941.1/25

Out: -441.375+/-0.207 χ^2/NDF:3857239.2/29

All: -73.485+/-0.000 χ^2/NDF: 7268699.4/55

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 158.435+/-0.347 χ^2/NDF:70980.0/10

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 156.117+/-0.390 χ^2/NDF:59121.6/8

Left: 157.412+/-0.259 χ^2/NDF: 130121.3/19

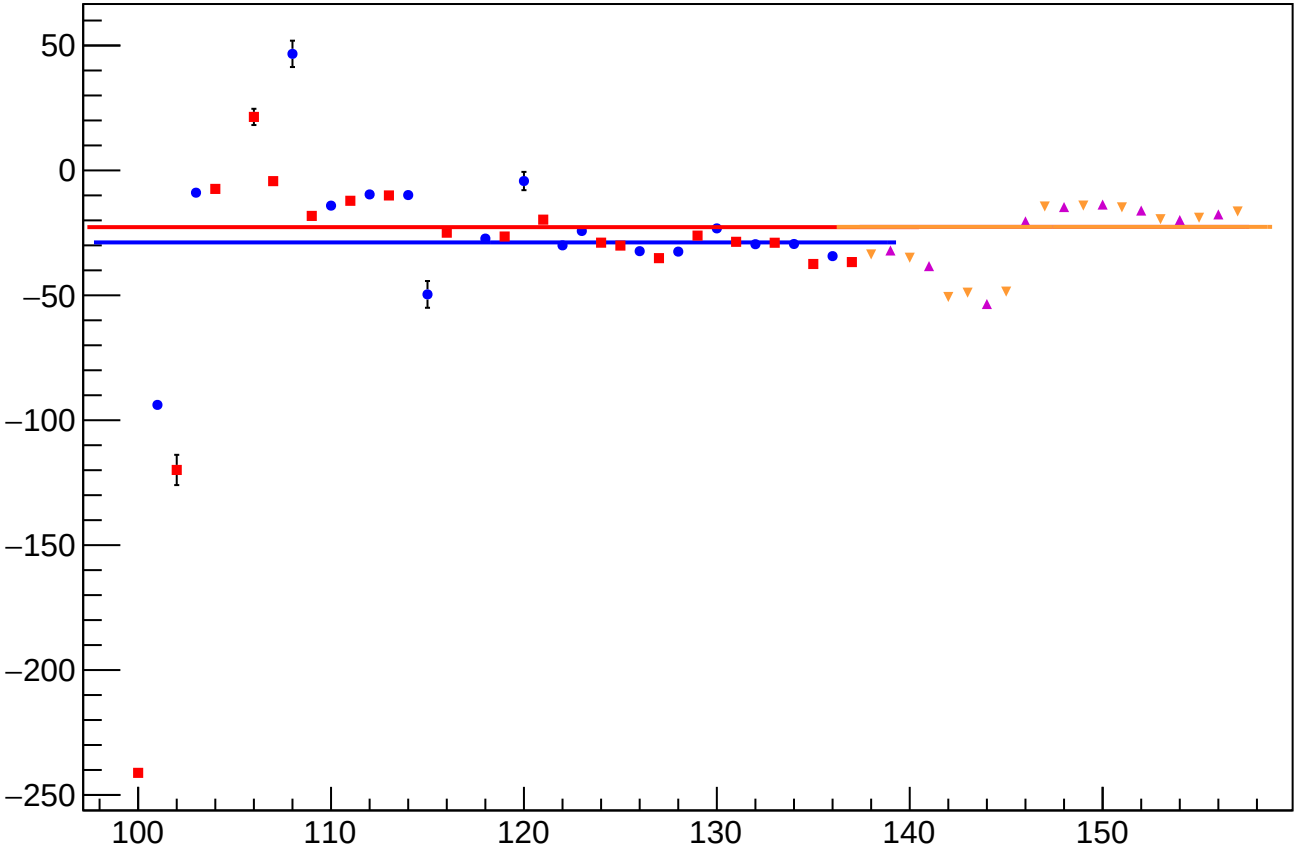
Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:228162.5/25

Out: 1036.068+/-0.000 χ^2/NDF:11409041.5/29

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: -22.601+/-0.018 χ^2/NDF:312510.2/10

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -22.612+/-0.024 χ^2/NDF:167064.6/8

Left: -22.605+/-0.014 χ^2/NDF: 479574.9/19

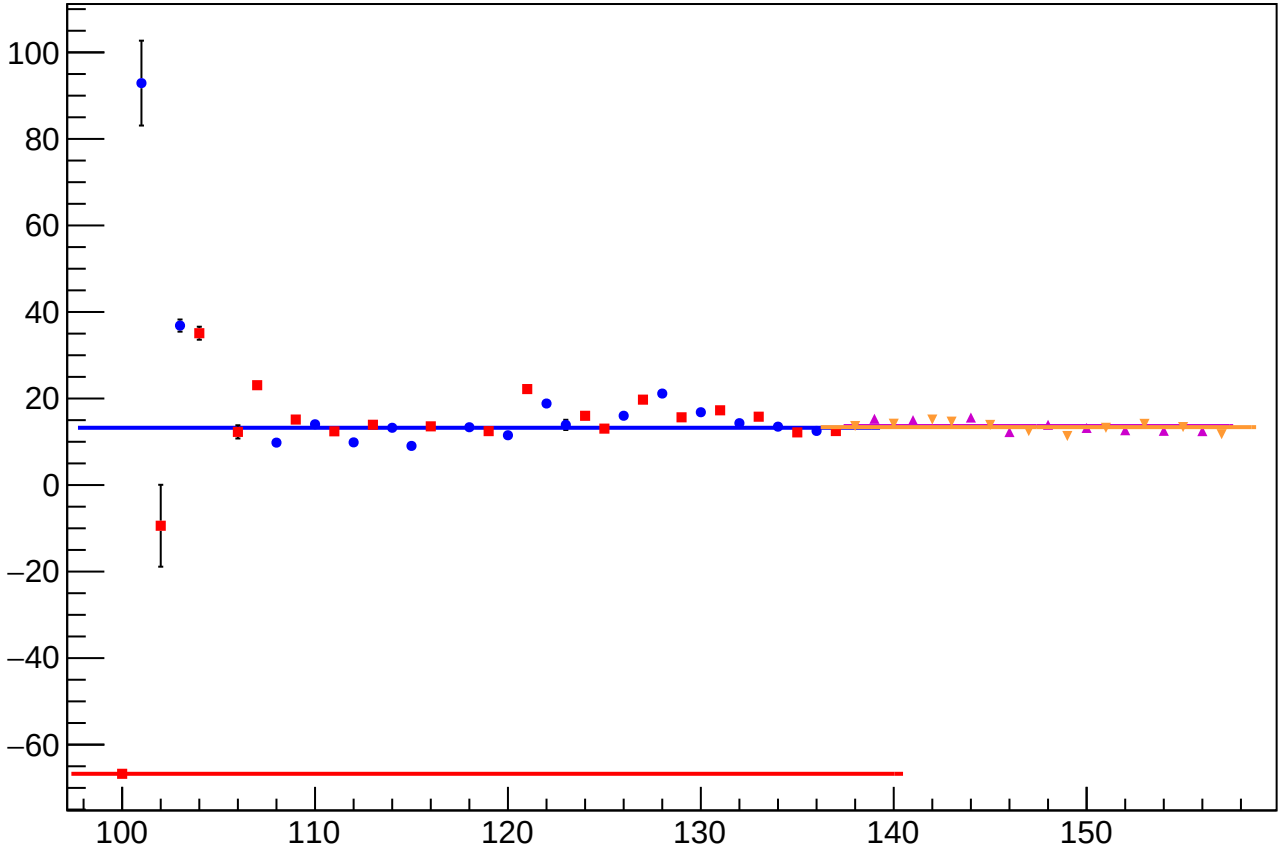
Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -24.587+/-0.020 χ^2/NDF:238360.5/25

Out: -22.619+/-0.016 χ^2/NDF:722691.6/29

All: -23.402+/-0.012 χ^2/NDF: 967127.1/55

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.385+/-0.019 χ^2/NDF:3140.8/10

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 13.641+/-0.021 χ^2/NDF:3466.6/8

Left: 13.498+/-0.014 χ^2/NDF: 6692.0/19

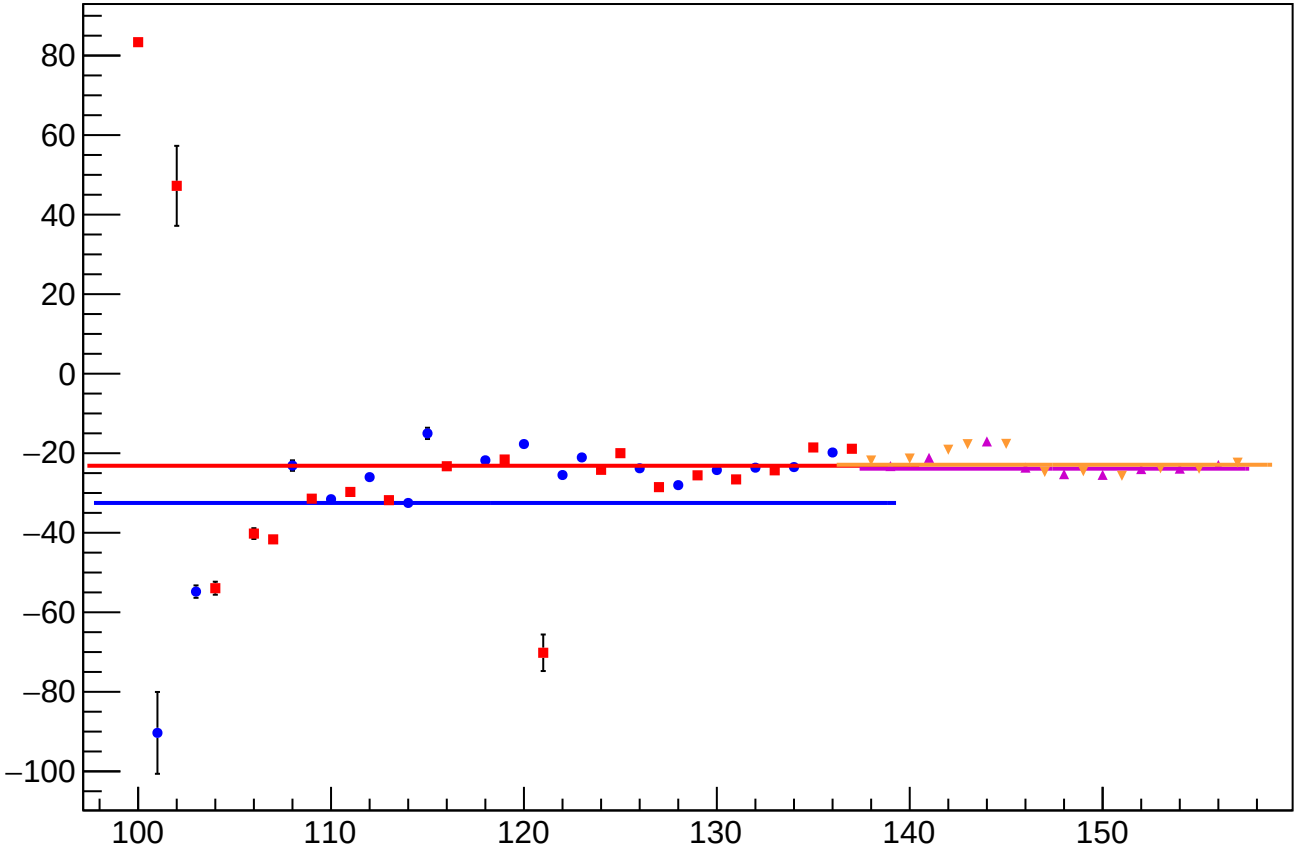
Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:9597.6/25

Out: -66.739+/-0.000 χ^2/NDF:21662926.7/29

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: -22.897+/-0.024 χ^2/NDF:11193.7/10

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -23.888+/-0.022 χ^2/NDF:5923.4/8

Left: -23.439+/-0.016 χ^2/NDF: 18073.8/19

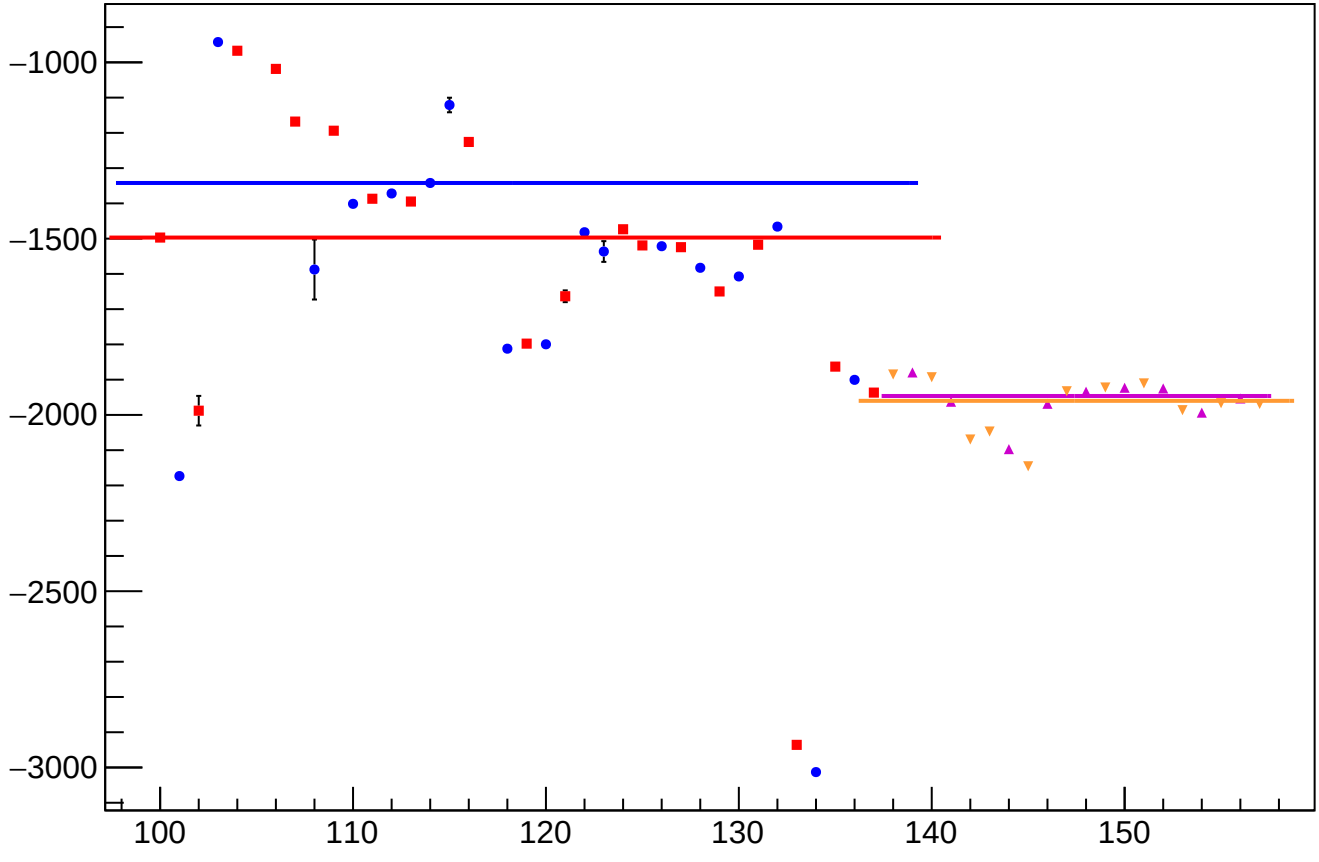
Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:239536.0/25

Out: -22.948+/-0.021 χ^2/NDF:101965.9/29

All: -32.504+/-0.000 χ^2/NDF: 544688.1/55

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1960.052+/-0.481 χ^2/NDF:14153.8/10

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1946.286+/-0.401 χ^2/NDF:15639.8/8

Left: -1951.929+/-0.308 χ^2/NDF: 30276.3/19

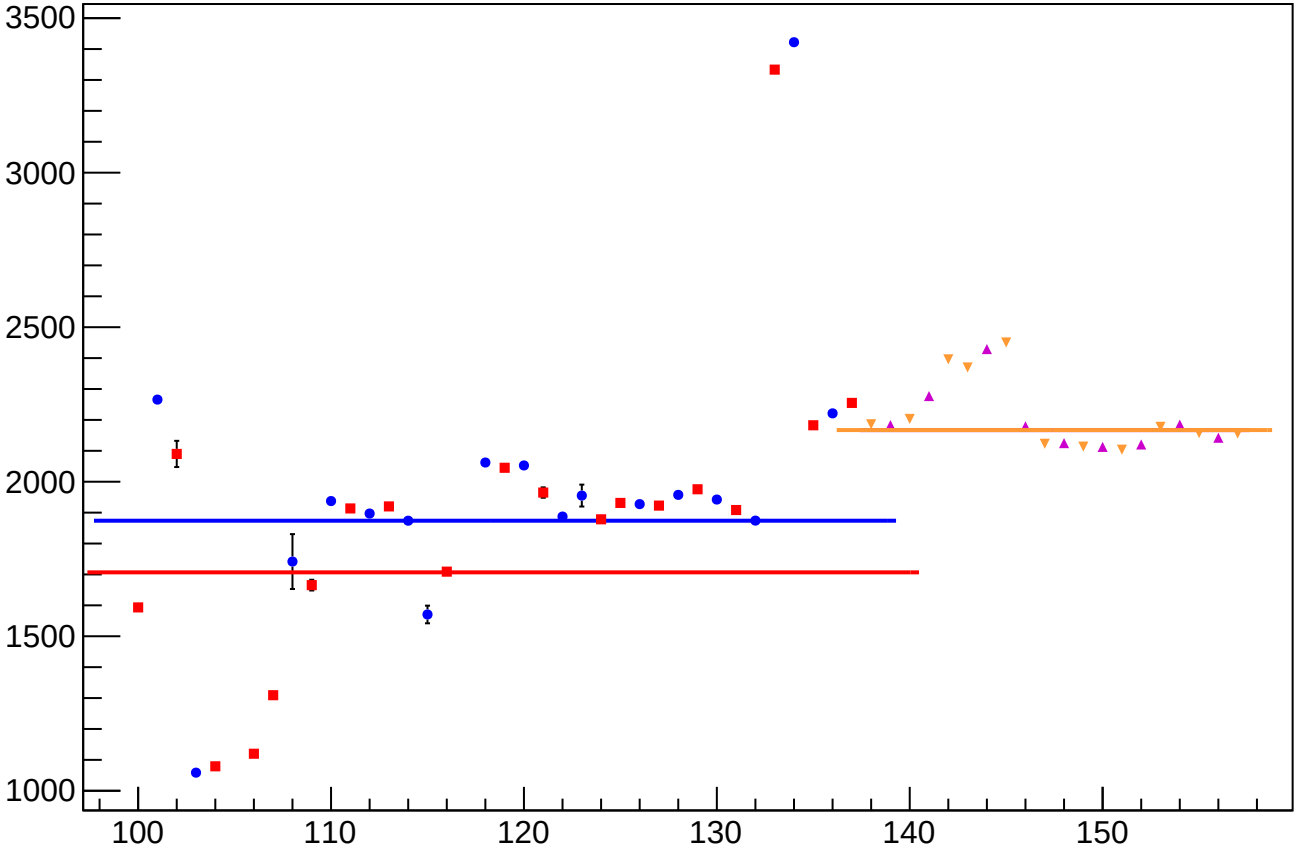
Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:2655440.9/25

Out: -1496.932+/-0.000 χ^2/NDF:1444855.0/29

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: 2167.145+/-0.485 χ^2/NDF:27180.0/10

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2167.010+/-0.403 χ^2/NDF:35696.7/8

Left: 2167.065+/-0.310 χ^2/NDF: 62876.8/19

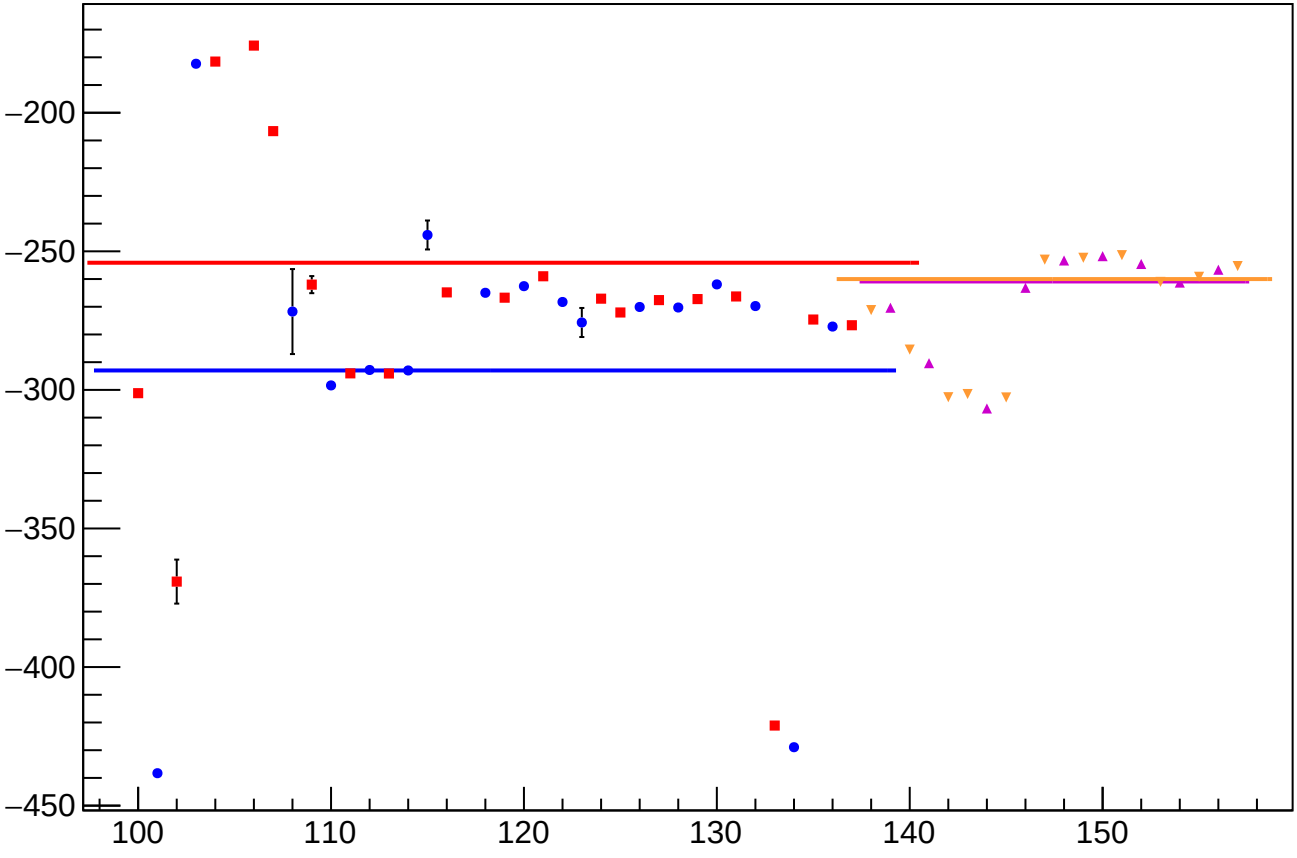
Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:767635.5/25

Out: 1835.684+/-0.257 χ^2/NDF:1514357.1/29

All: 1873.852+/-0.000 χ^2/NDF: 2304121.0/55

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -260.013+/-0.027 χ^2/NDF:190312.6/10

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -260.876+/-0.024 χ^2/NDF:230450.3/8

Left: -260.495+/-0.018 χ^2/NDF: 421321.2/19

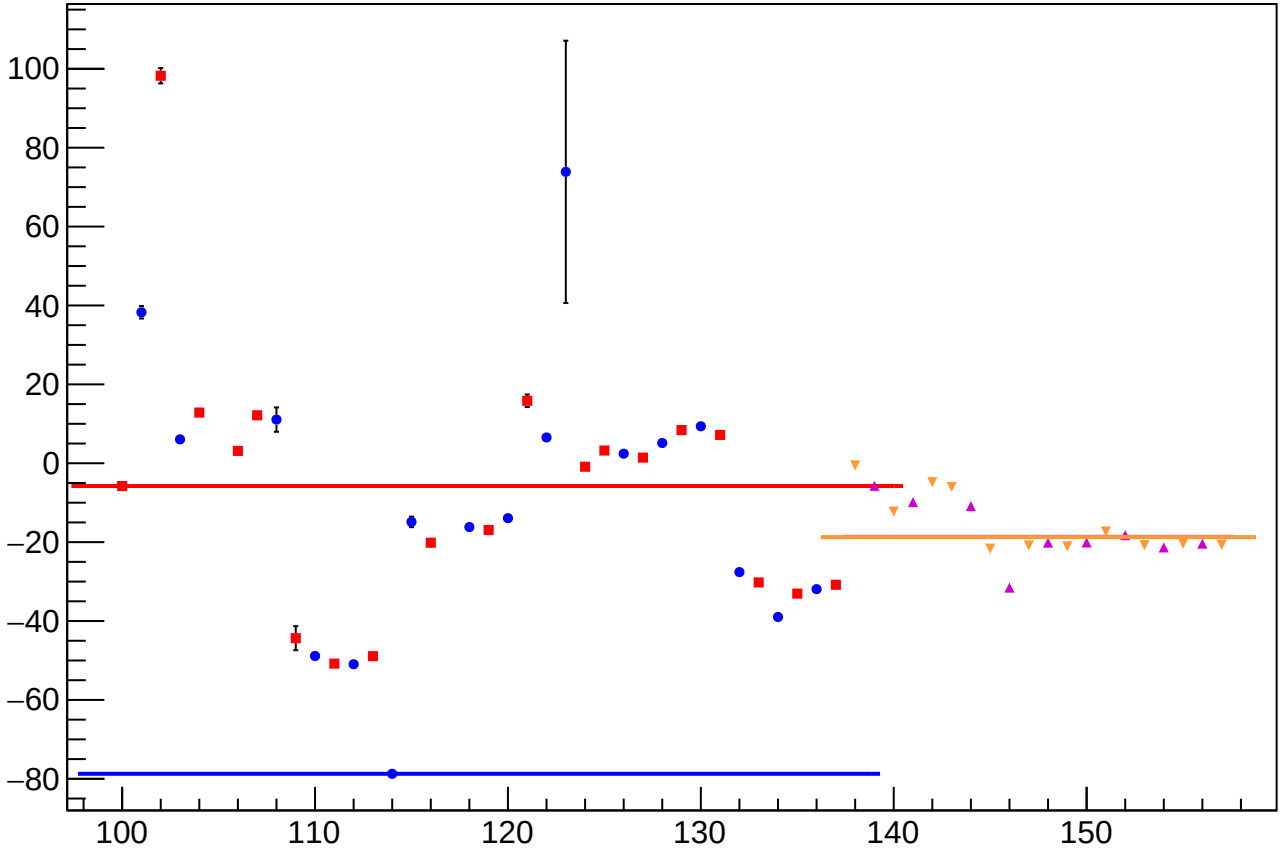
Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:2993198.8/25

Out: -258.973+/-0.025 χ^2/NDF:701191.6/29

All: -292.986+/-0.000 χ^2/NDF: 5578840.4/55

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -18.718+/-0.030 χ^2/NDF:20282.5/10

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -18.663+/-0.025 χ^2/NDF:35179.5/8

Left: -18.685+/-0.019 χ^2/NDF: 55463.9/19

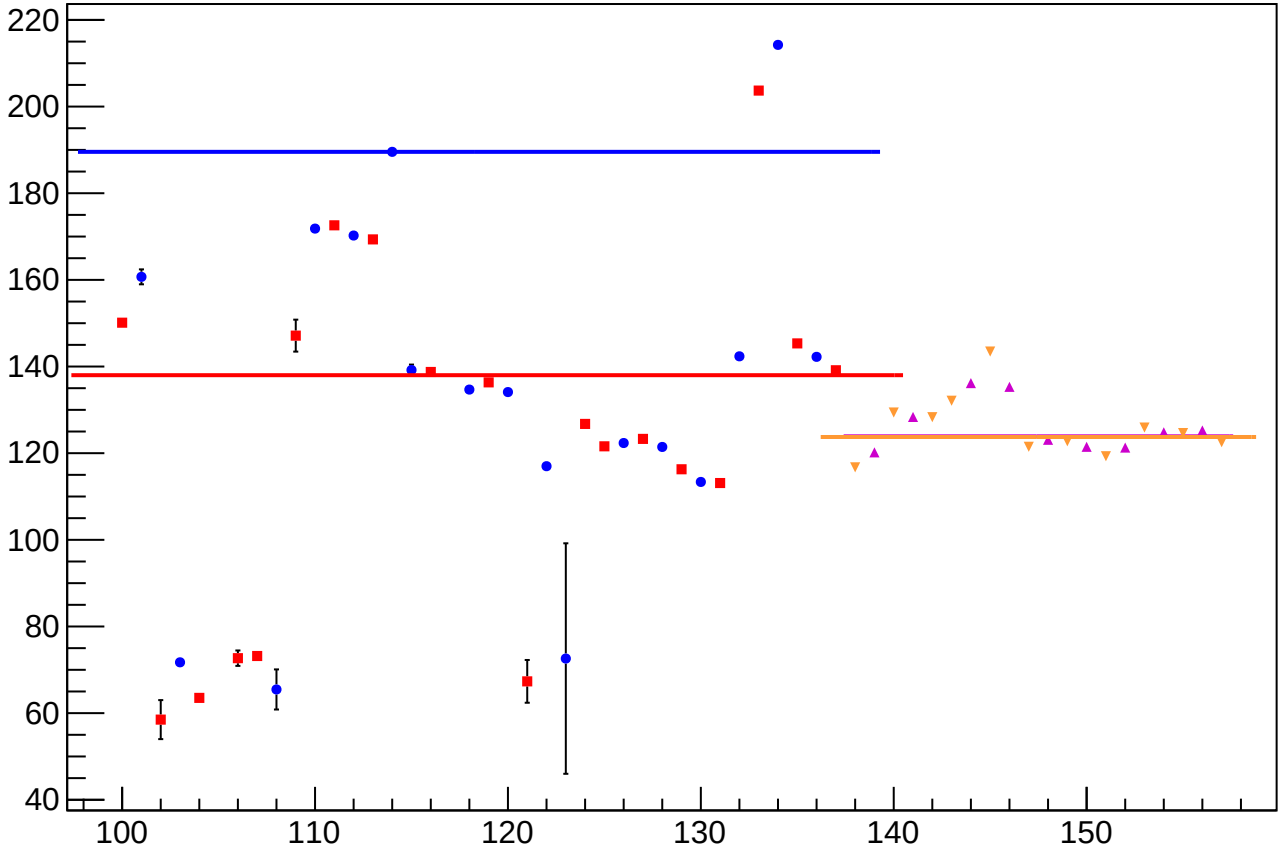
Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:7179019.9/25

Out: -5.769+/-0.000 χ^2/NDF:313562.9/29

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: 123.736+/-0.033 χ^2/NDF:10440.3/10

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 123.896+/-0.035 χ^2/NDF:9457.4/8

Left: 123.811+/-0.024 χ^2/NDF: 19908.7/19

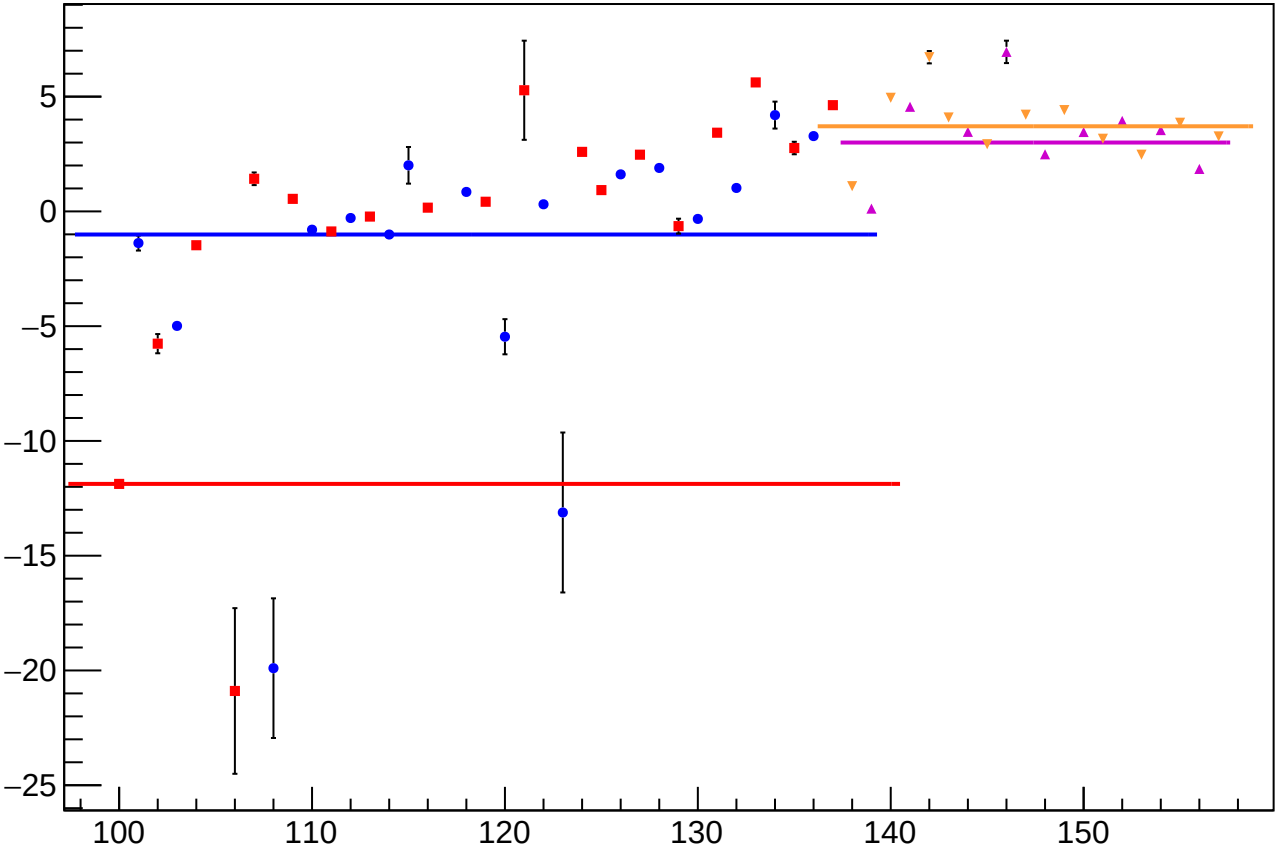
Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:4431074.3/25

Out: 127.122+/-0.029 χ^2/NDF:172288.8/29

All: 189.551+/-0.000 χ^2/NDF: 9309885.0/55

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 3.708+/-0.034 χ^2/NDF:774.2/10

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 3.000+/-0.022 χ^2/NDF:3053.2/8

Left: 3.214+/-0.019 χ^2/NDF: 4132.8/19

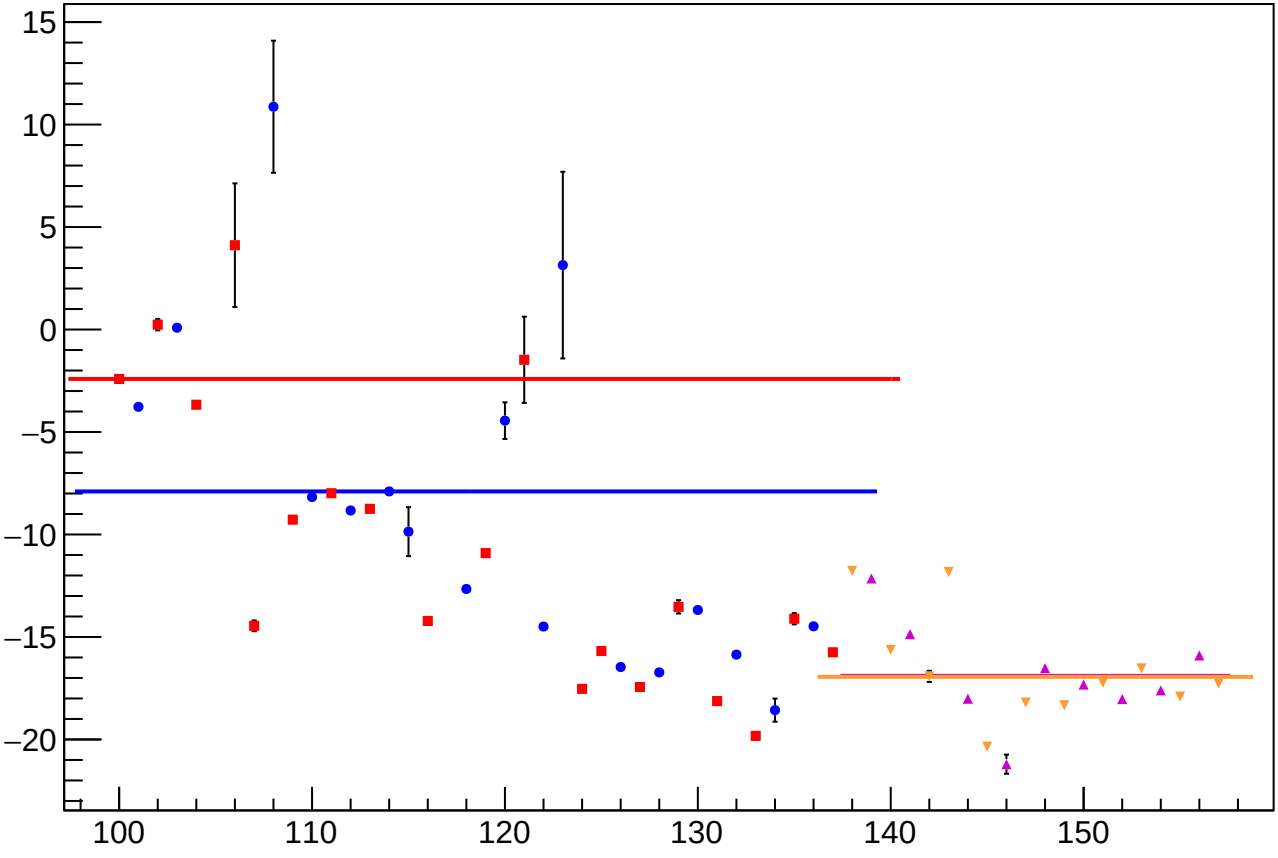
Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:42495.8/25

Out: -11.872+/-0.000 χ^2/NDF:716113.4/29

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: -16.946+/-0.033 χ^2/NDF:3913.1/10

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.898+/-0.024 χ^2/NDF:3084.5/8

Left: -16.914+/-0.019 χ^2/NDF: 6999.0/19

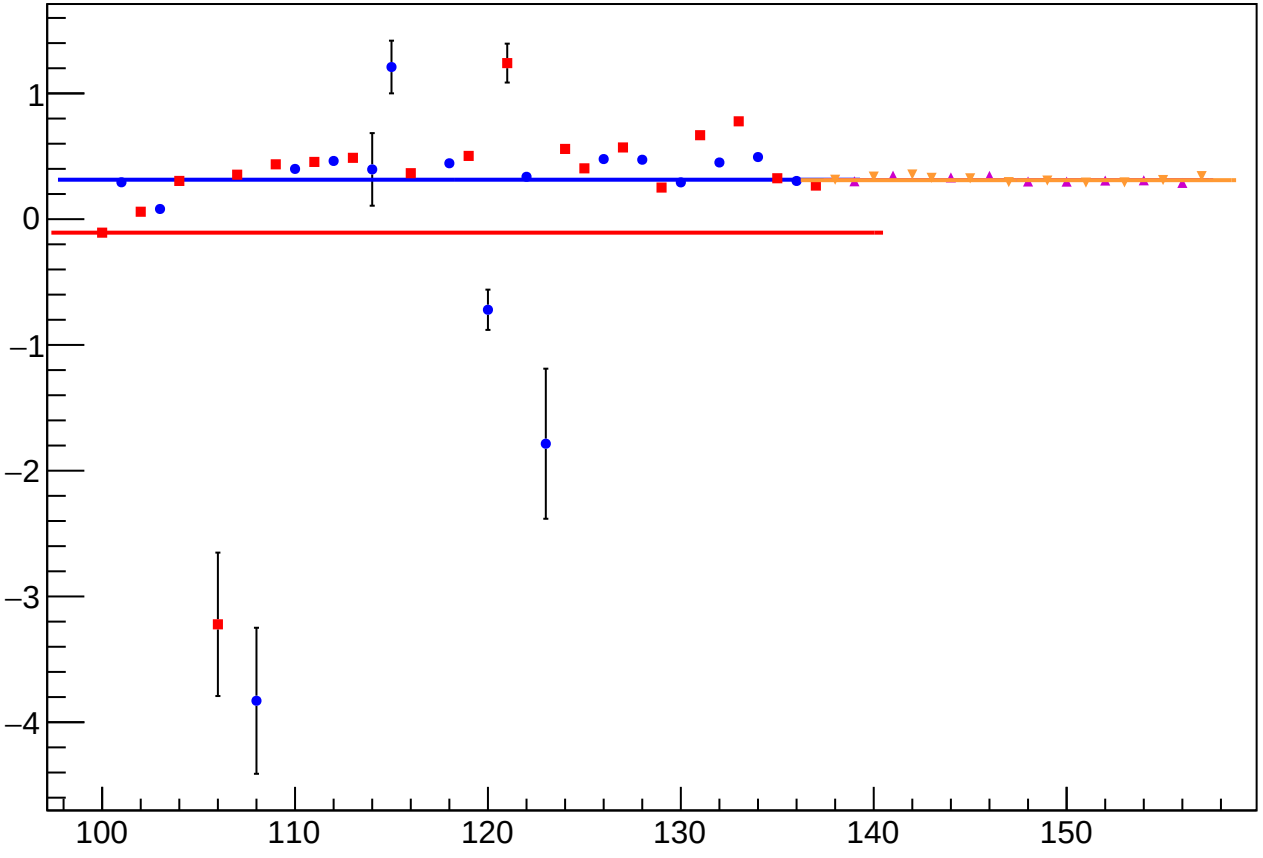
Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:187620.1/25

Out: -2.410+/-0.000 χ^2/NDF:397042.0/29

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: 0.310+/-0.000 χ^2/NDF:2114.9/10

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.311+/-0.000 χ^2/NDF:1770.4/8

Left: 0.311+/-0.000 χ^2/NDF: 3890.8/19

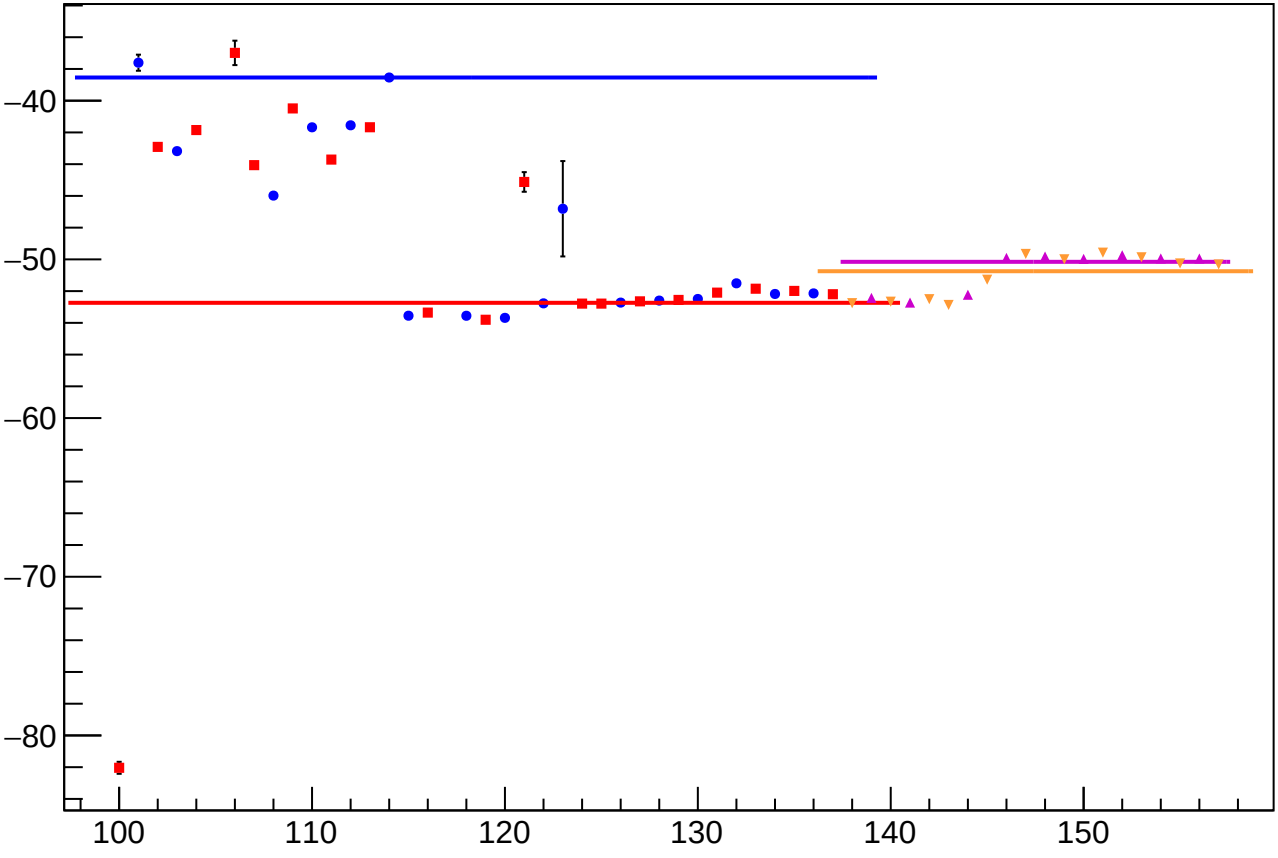
Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.312+/-0.000 χ^2/NDF:4523.6/25

Out: -0.107+/-0.000 χ^2/NDF:1336444.5/29

All: -0.107+/-0.000 χ^2/NDF: 2909258.4/55

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.747+/-0.003 χ^2/NDF:211989.9/10

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.154+/-0.002 χ^2/NDF:153621.5/8

Left: -50.331+/-0.002 χ^2/NDF: 394267.2/19

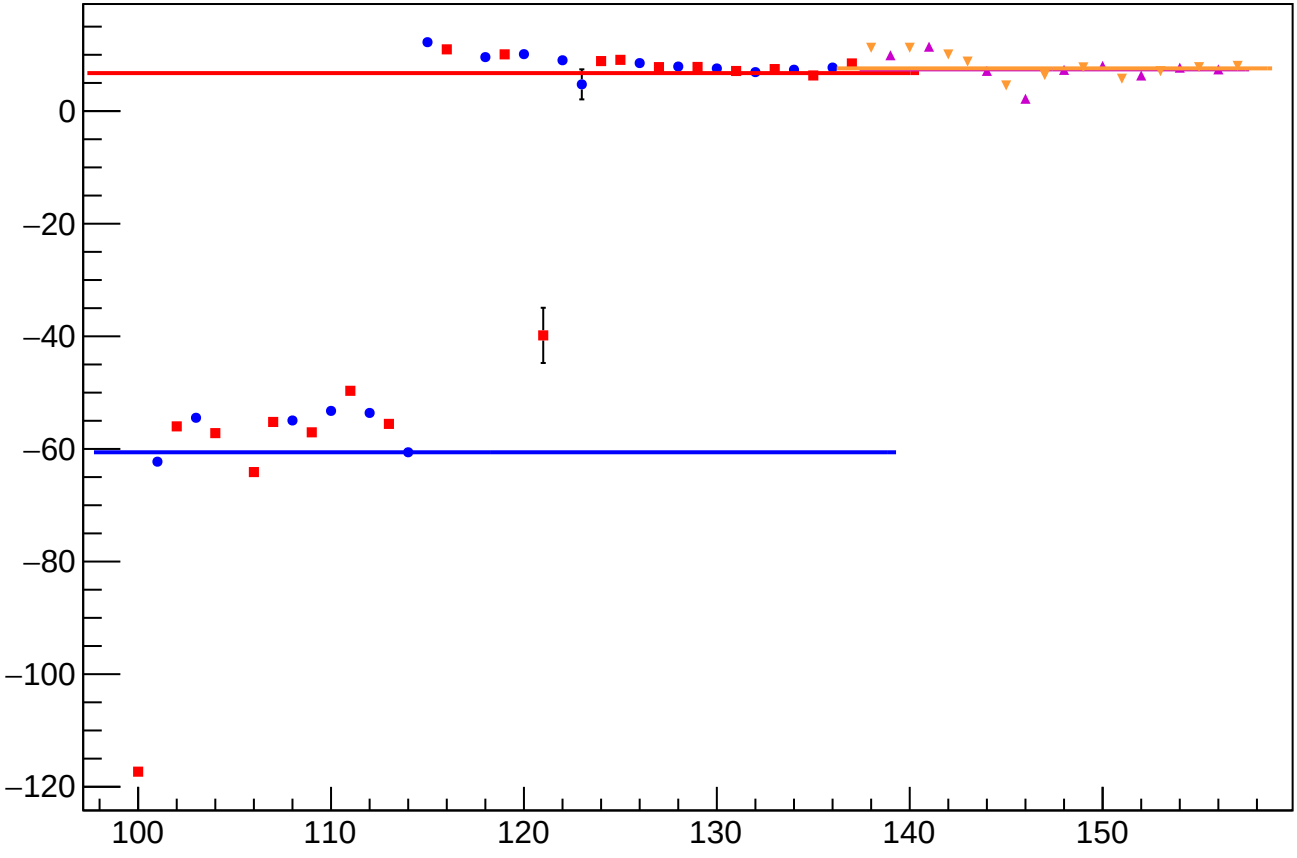
Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:51973616.2/25

Out: -52.157+/-0.002 χ^2/NDF:625987.5/29

All: -38.539+/-0.000 χ^2/NDF: 126673066.3/5

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 7.586+/-0.006 χ^2/NDF:65642.4/10

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.410+/-0.004 χ^2/NDF:107211.6/8

Left: 7.462+/-0.003 χ^2/NDF: 173431.9/19

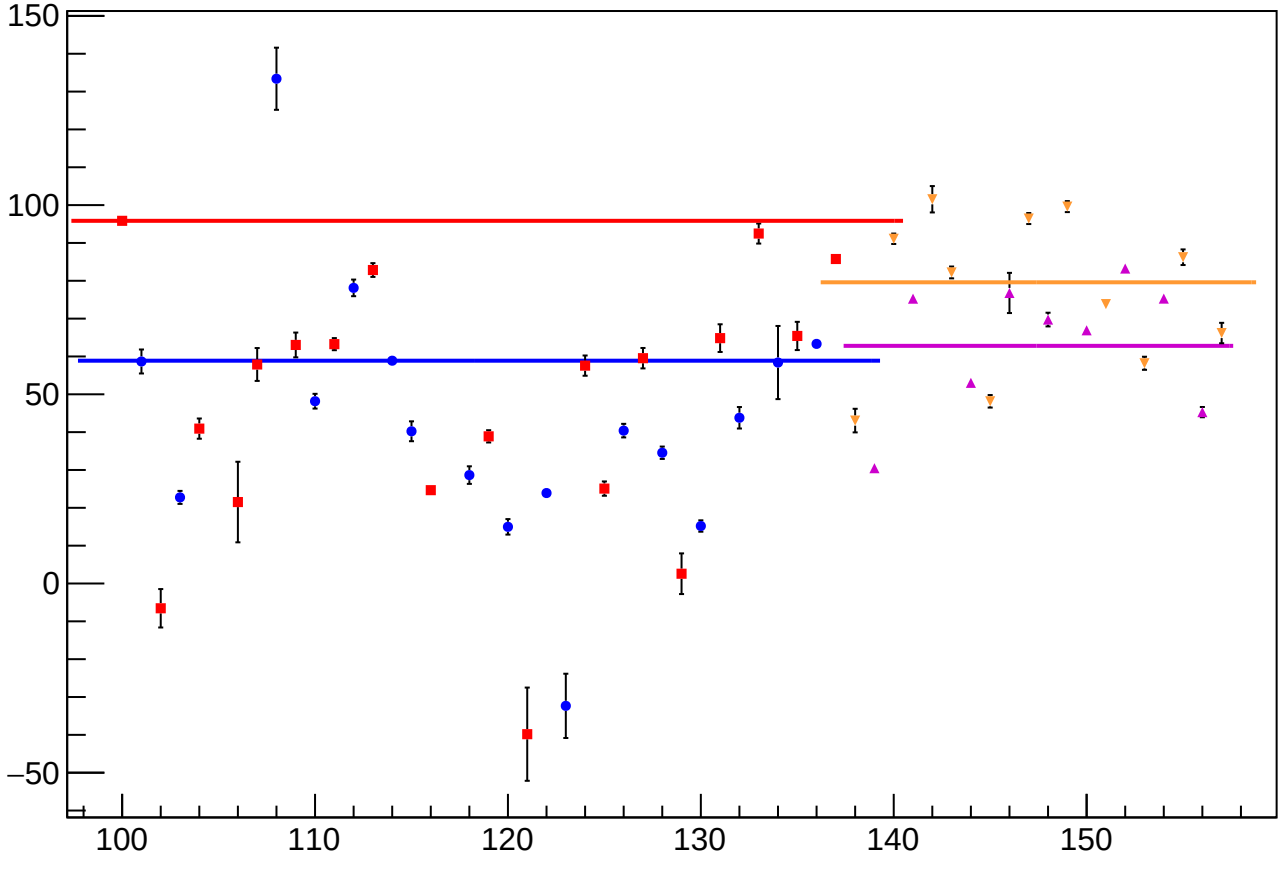
Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:319607942.1/25

Out: 7.388+/-0.005 χ^2/NDF:1336656.7/29

All: -60.594+/-0.000 χ^2/NDF: 482060801.0/5

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 79.599+/-0.514 χ^2/NDF:1142.9/10

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 62.806+/-0.361 χ^2/NDF:2078.0/8

Left: 68.338+/-0.295 χ^2/NDF: 3935.4/19

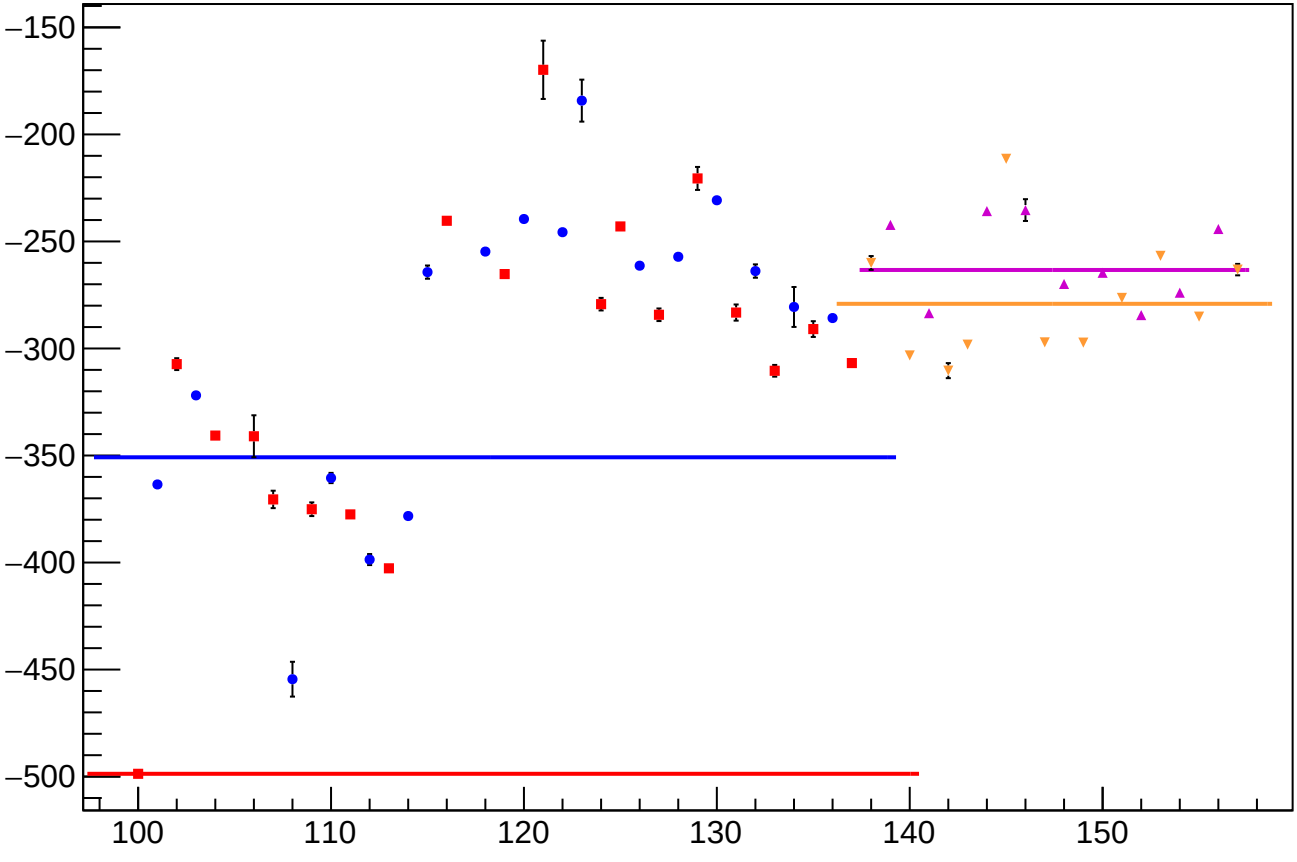
Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:6011.2/25

Out: 95.846+/-0.000 χ^2/NDF:41525.2/29

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: -279.136+/-0.504 χ^2/NDF:3015.0/10

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -263.328+/-0.364 χ^2/NDF:2059.0/8

Left: -268.753+/-0.295 χ^2/NDF: 5719.5/19

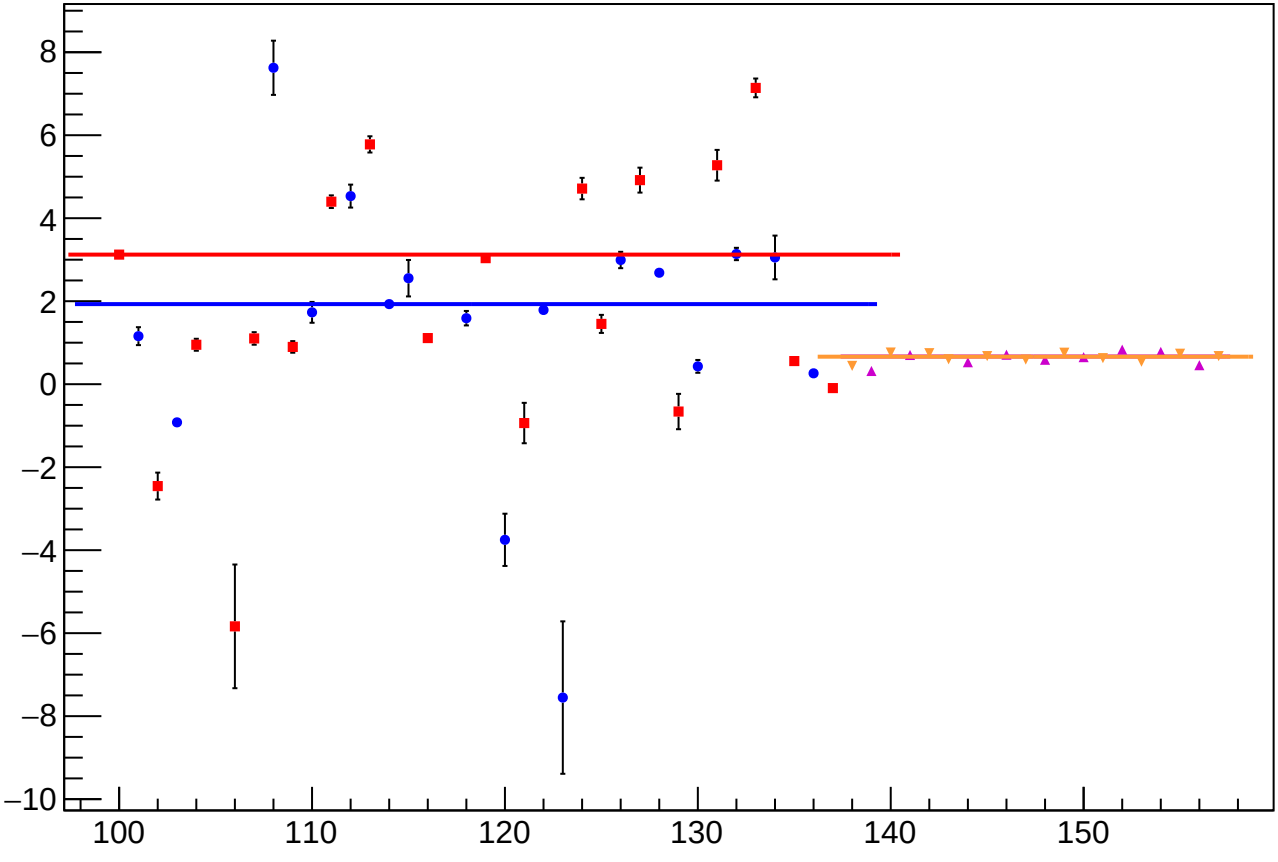
Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -323.672+/-0.203 χ^2/NDF:83106.6/25

Out: -498.692+/-0.000 χ^2/NDF:704442.1/29

All: -498.692+/-0.000 χ^2/NDF: 1530385.9/55

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.663+/-0.003 χ^2/NDF:687.6/10

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.667+/-0.003 χ^2/NDF:3543.8/8

Left: 0.665+/-0.002 χ^2/NDF: 4232.6/19

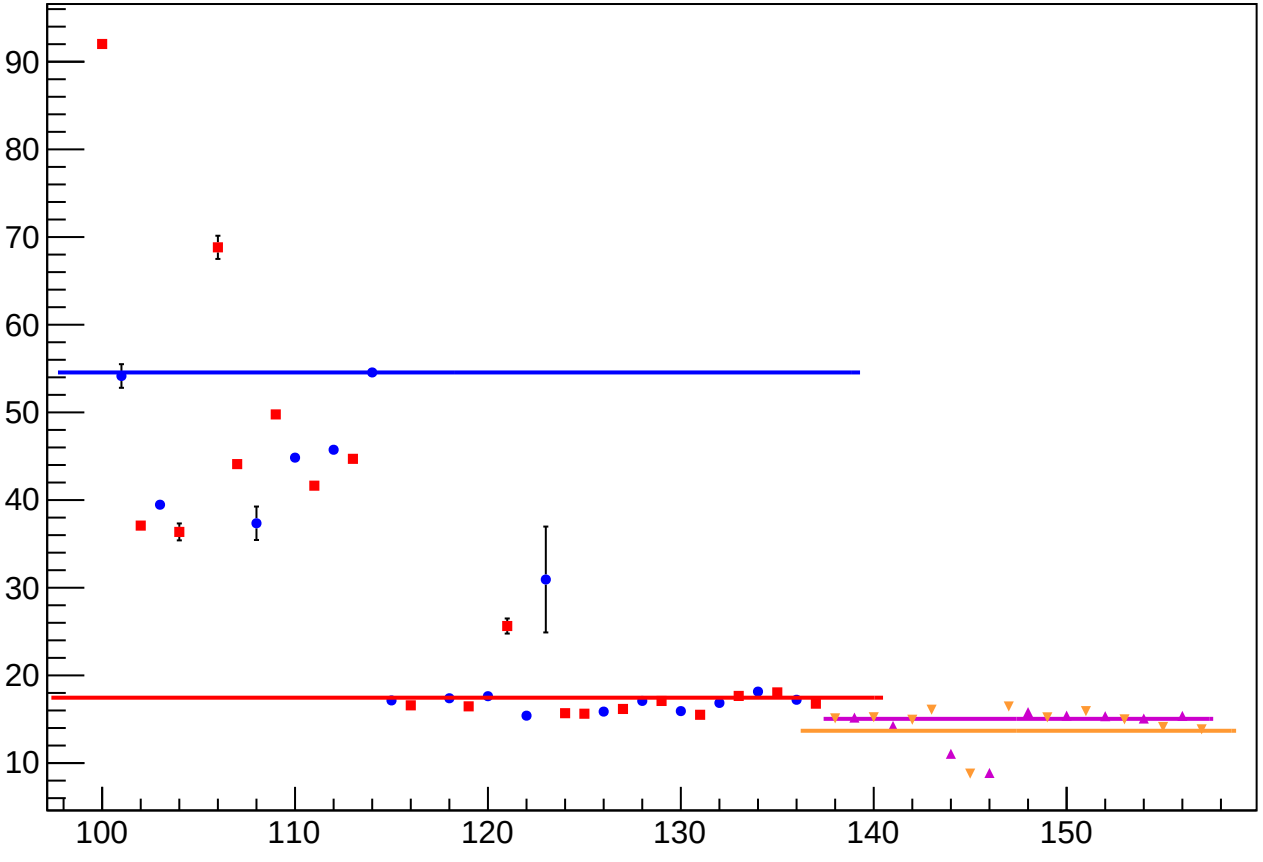
Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:297075.5/25

Out: 3.123+/-0.000 χ^2/NDF:1091769.9/29

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: 13.685+/-0.011 χ^2/NDF:72166.3/10

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 15.045+/-0.010 χ^2/NDF:7776.4/8

Left: 14.430+/-0.007 χ^2/NDF: 88173.4/19

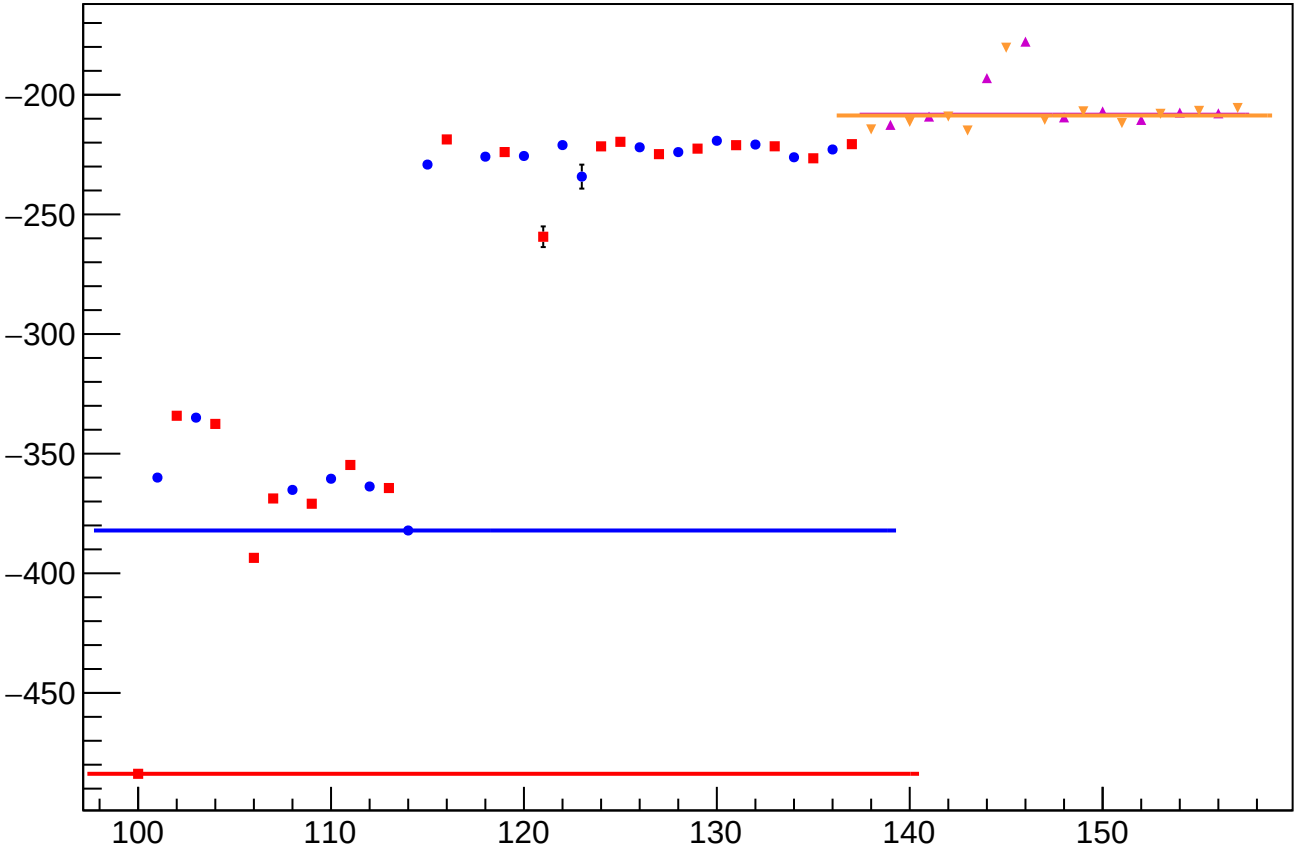
Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:22627398.9/25

Out: 14.700+/-0.009 χ^2/NDF:202599.8/29

All: 54.556+/-0.000 χ^2/NDF: 40490692.4/55

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -208.654+/-0.021 χ^2/NDF:59917.3/10

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -208.328+/-0.020 χ^2/NDF:13815.2/8

Left: -208.481+/-0.014 χ^2/NDF: 73862.3/19

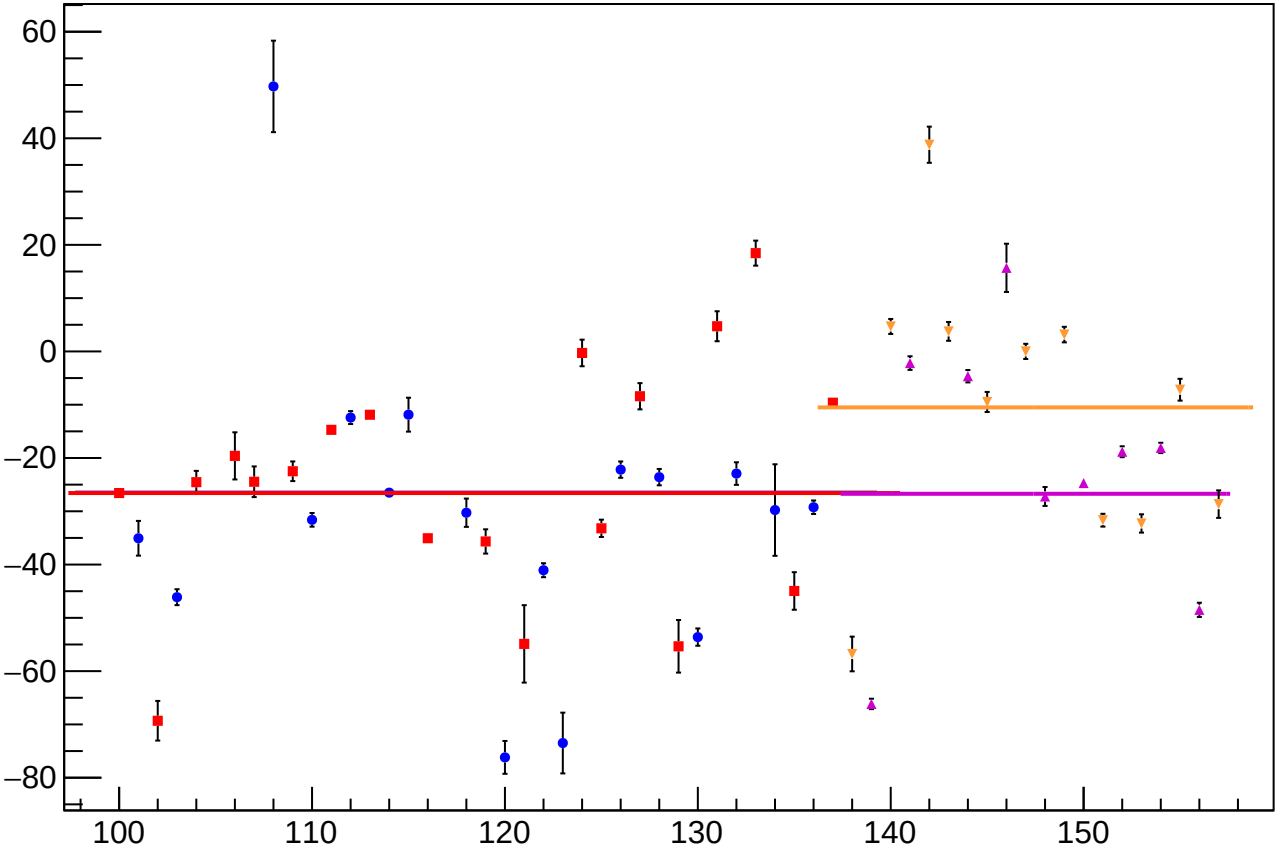
Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:97329458.7/25

Out: -483.800+/-0.000 χ^2/NDF:198425349.1/29

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: -10.504+/-0.522 χ^2/NDF:1260.8/10

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -26.716+/-0.376 χ^2/NDF:2855.5/8

Left: -21.168+/-0.305 χ^2/NDF: 4750.8/19

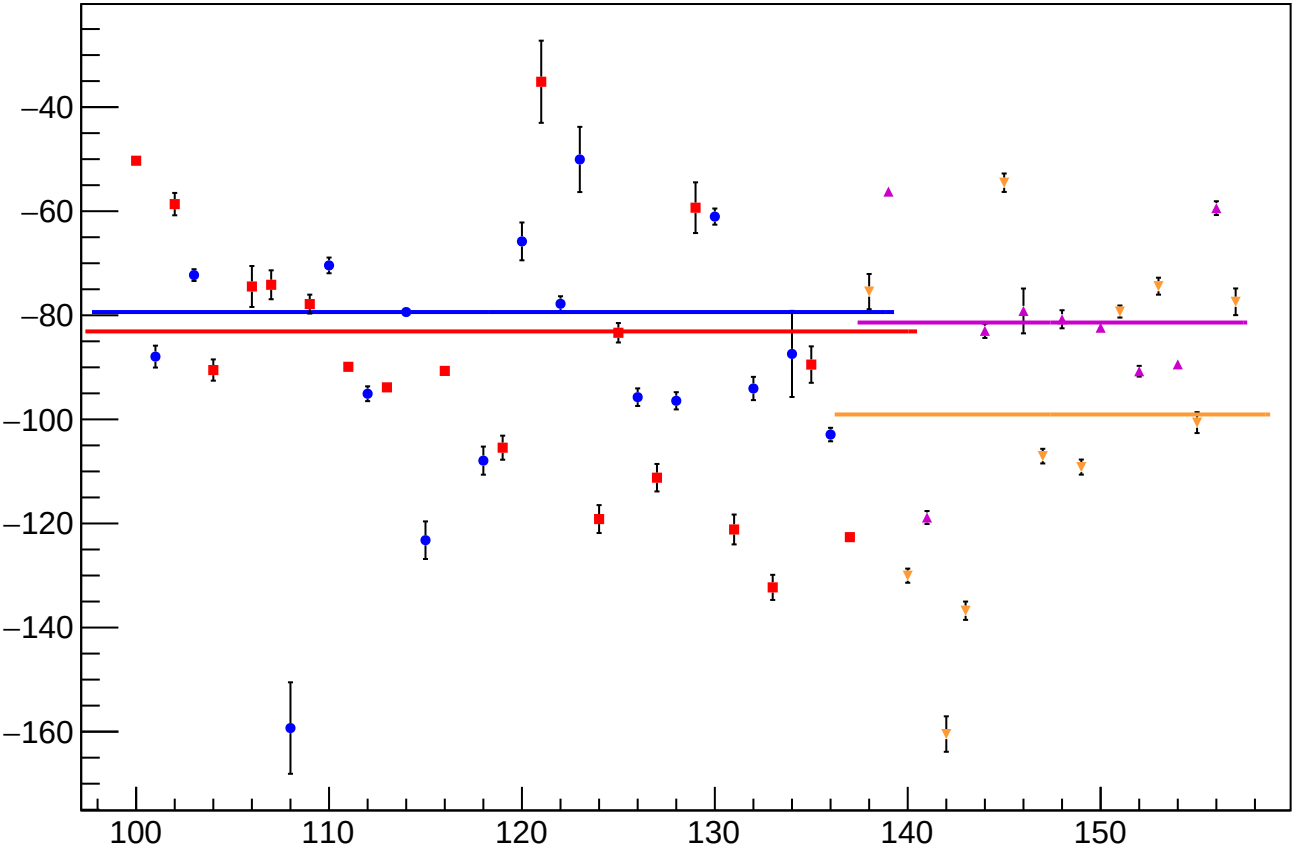
Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:4036.5/25

Out: -26.577+/-0.000 χ^2/NDF:4850.0/29

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: -99.057+/-0.509 χ^2/NDF:2654.9/10

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -81.390+/-0.371 χ^2/NDF:2126.1/8

Left: -87.516+/-0.300 χ^2/NDF: 5566.9/19

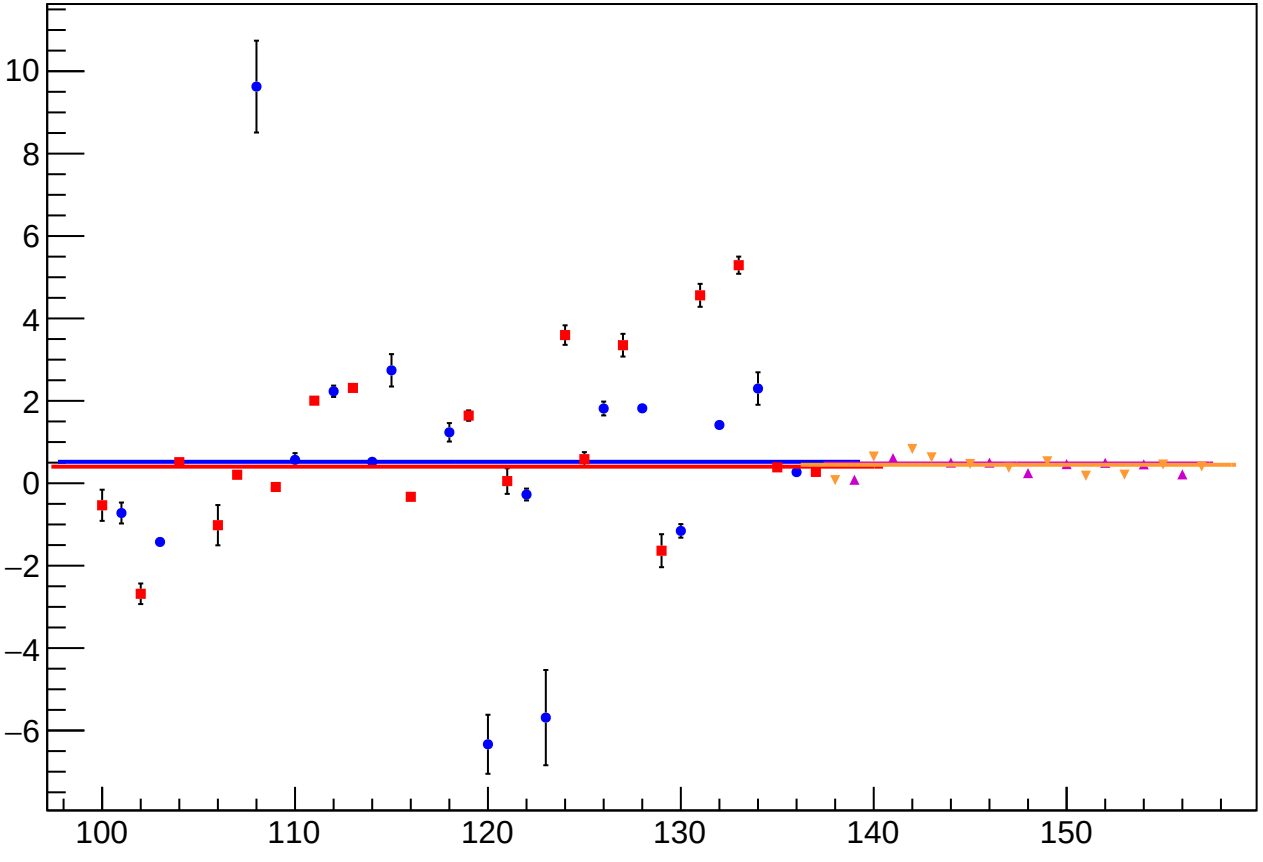
Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:3460.2/25

Out: -84.839+/-0.168 χ^2/NDF:15445.3/29

All: -79.376+/-0.000 χ^2/NDF: 19960.5/55

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.449+/-0.004 χ^2/NDF:1986.8/10

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.479+/-0.003 χ^2/NDF:3203.4/8

Left: 0.469+/-0.002 χ^2/NDF: 5236.7/19

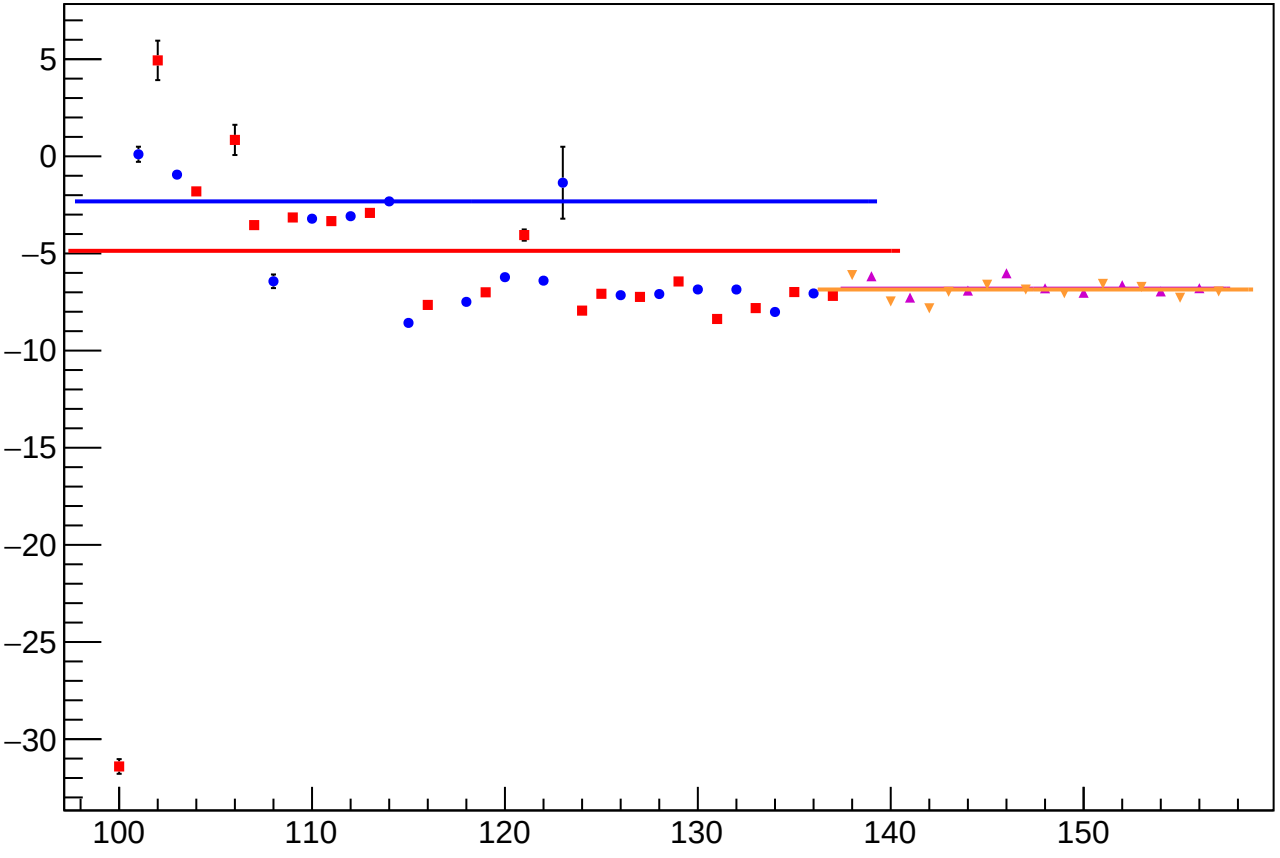
Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:6829.2/25

Out: 0.444+/-0.003 χ^2/NDF:4729.9/29

All: 0.521+/-0.000 χ^2/NDF: 12043.0/55

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.855+/-0.005 χ^2/NDF:2499.9/10

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.811+/-0.005 χ^2/NDF:4481.6/8

Left: -6.832+/-0.003 χ^2/NDF: 7025.0/19

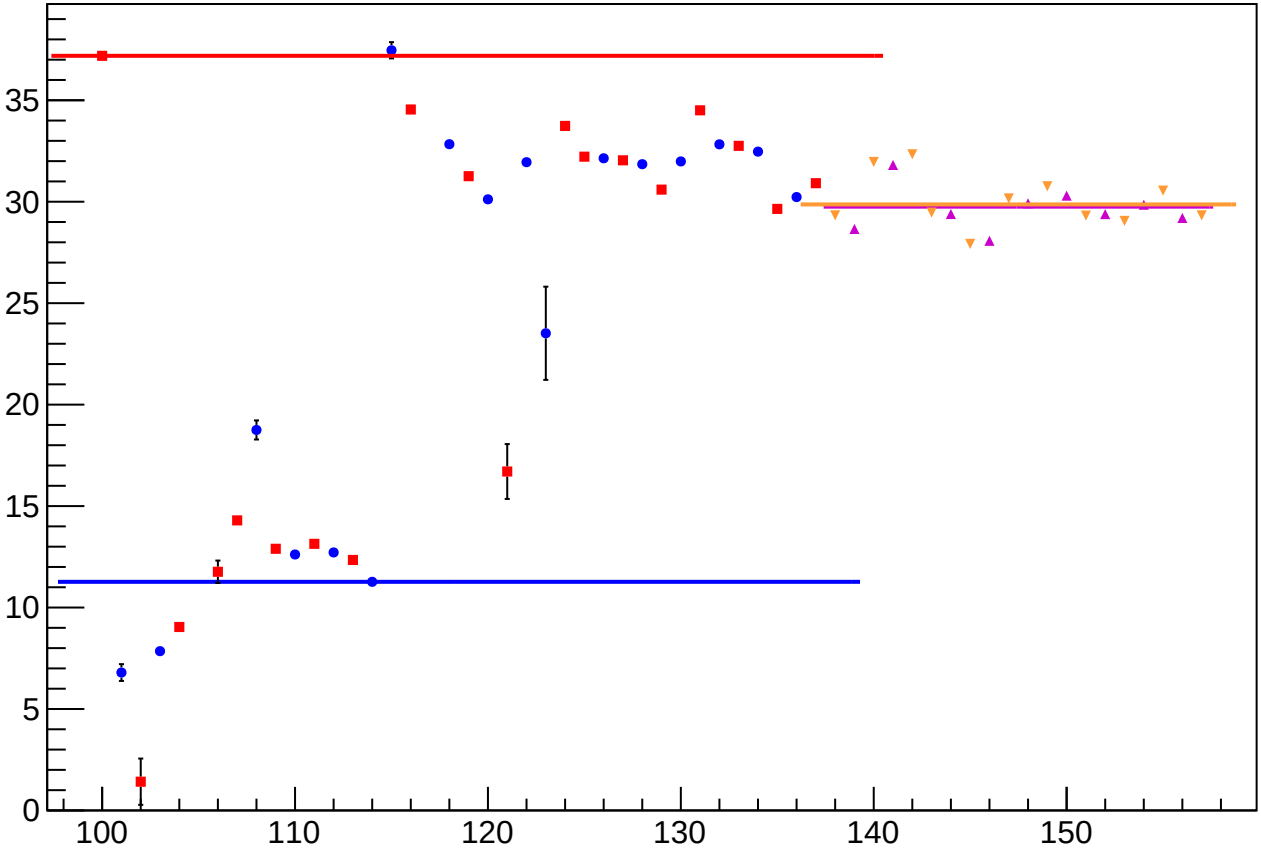
Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:1238369.3/25

Out: -6.500+/-0.004 χ^2/NDF:82546.6/29

All: -2.320+/-0.000 χ^2/NDF: 2243963.7/55

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.867+/-0.016 χ^2/NDF:4989.3/10

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.757+/-0.012 χ^2/NDF:2799.9/8

Left: 29.800+/-0.010 χ^2/NDF: 7819.7/19

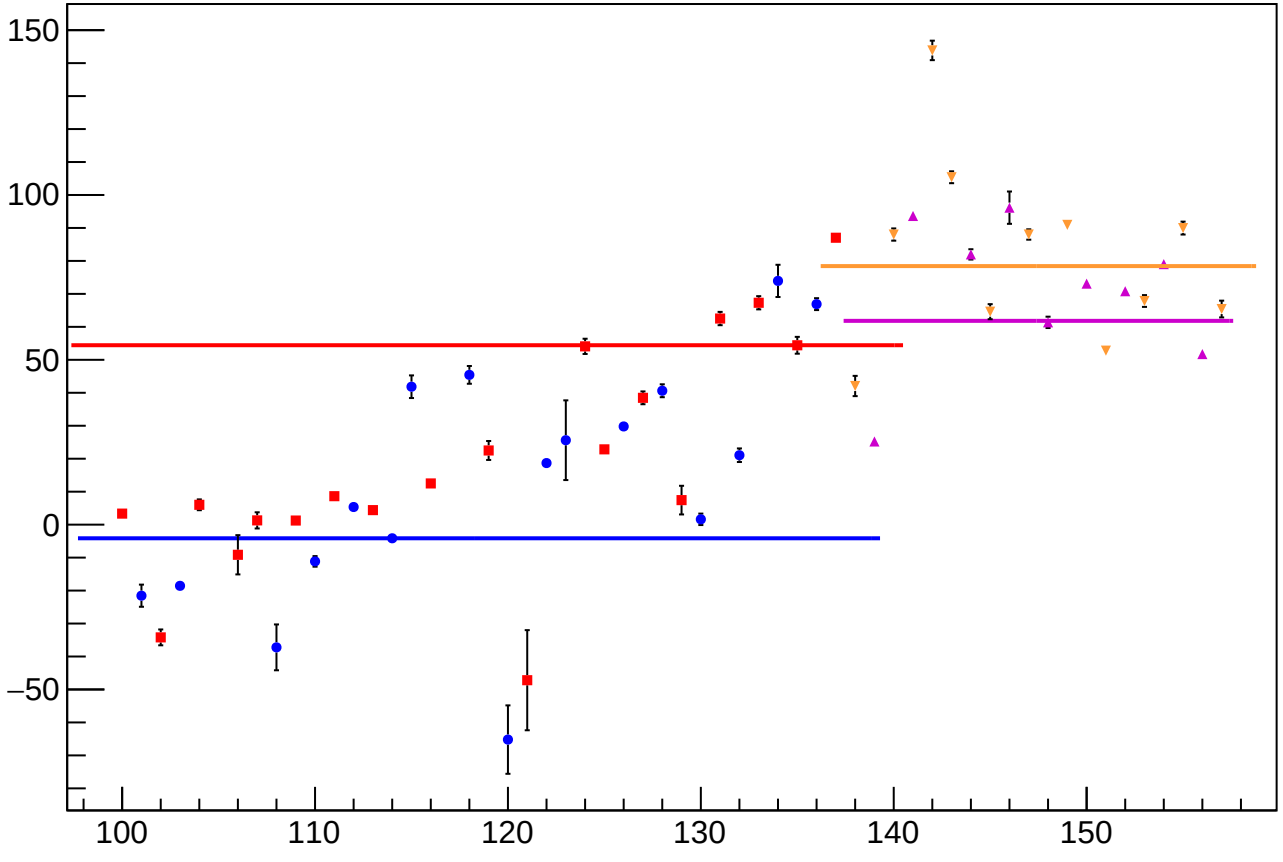
Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:3186391.9/25

Out: 37.191+/-0.000 χ^2/NDF:1349960.1/29

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: 78.429+/-0.543 χ^2/NDF:1631.8/10

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 61.820+/-0.372 χ^2/NDF:3976.9/8

Left: 67.134+/-0.307 χ^2/NDF: 6245.8/19

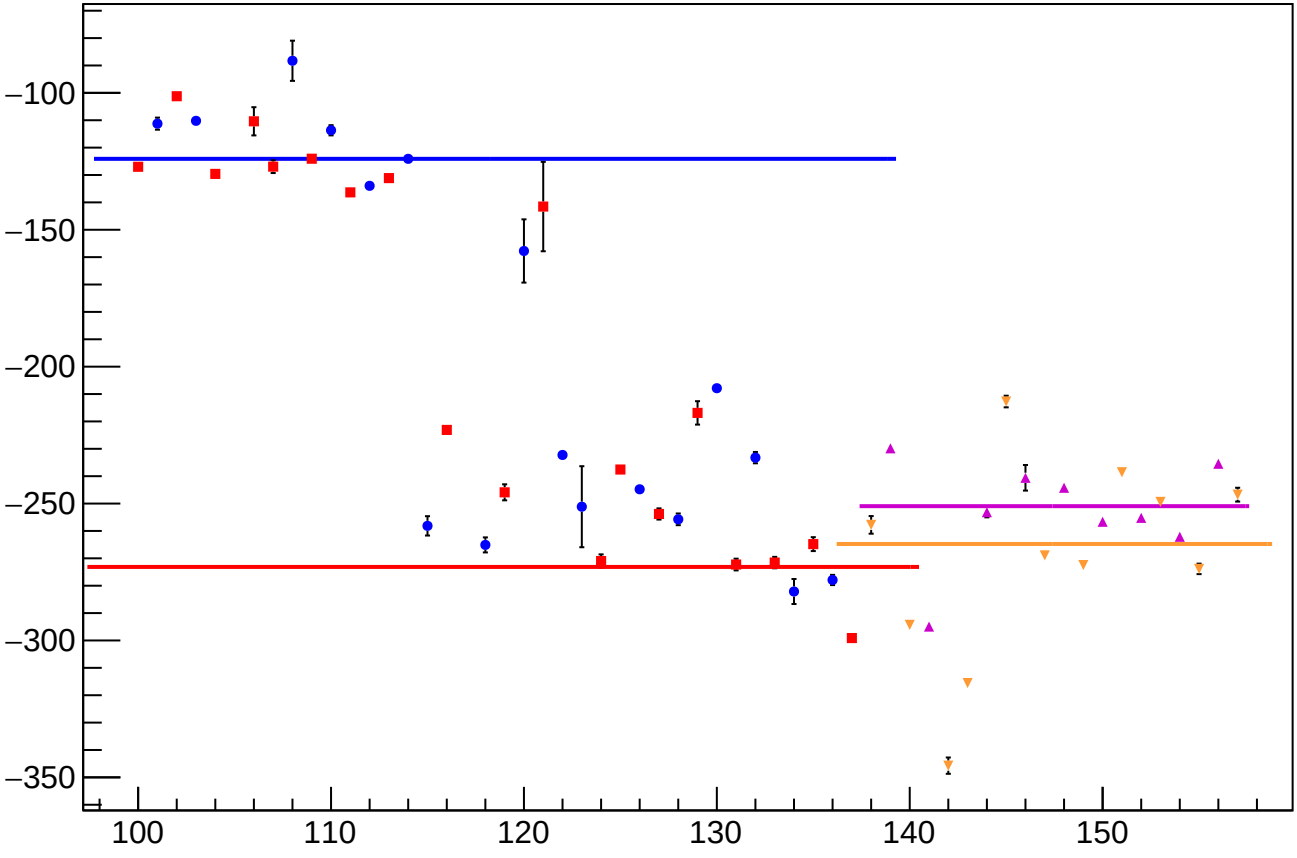
Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:40036.9/25

Out: 56.577+/-0.162 χ^2/NDF:57411.9/29

All: -4.139+/-0.000 χ^2/NDF: 237198.7/55

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -264.763+/-0.534 χ^2/NDF:3140.4/10

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -250.949+/-0.363 χ^2/NDF:2550.0/8

Left: -255.312+/-0.300 χ^2/NDF: 6148.9/19

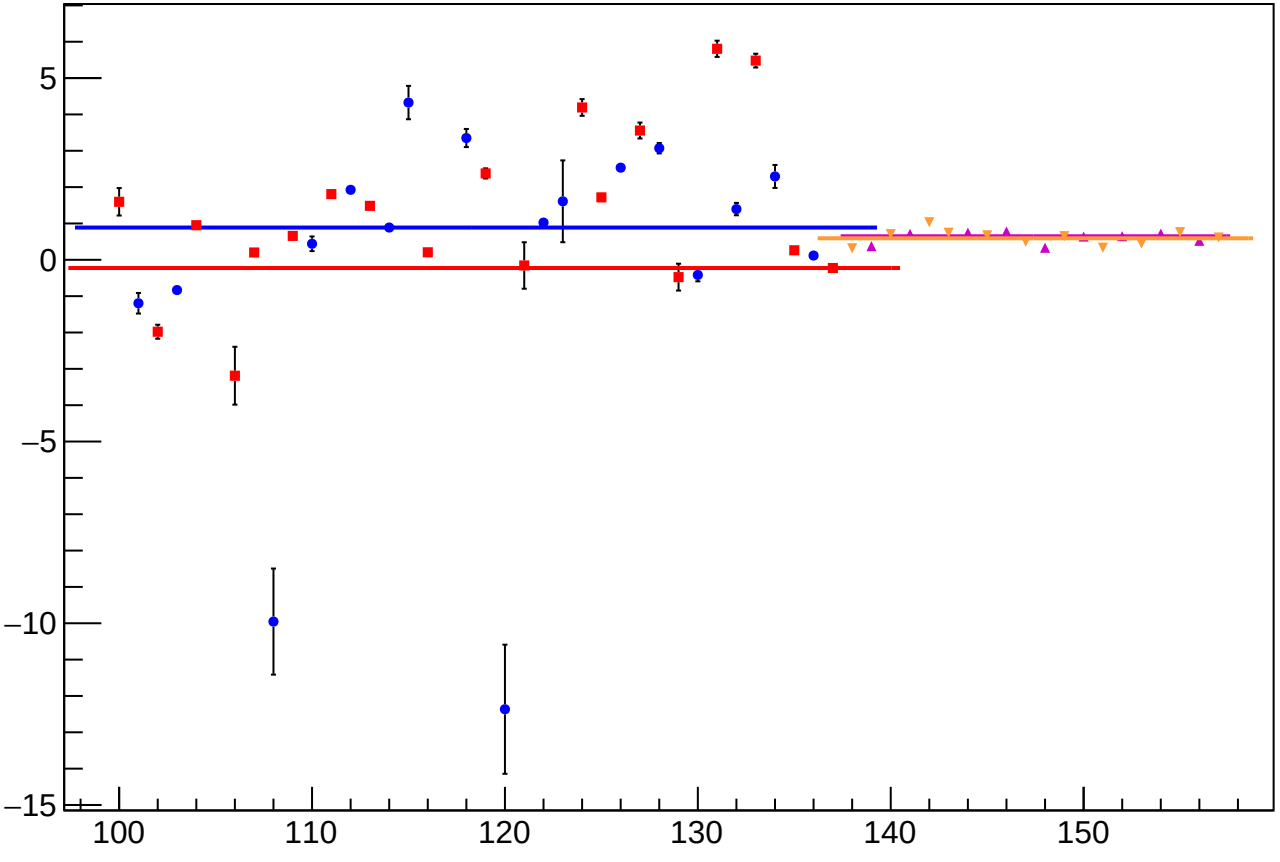
Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:163106.4/25

Out: -272.785+/-0.110 χ^2/NDF:283518.5/29

All: -124.095+/-0.000 χ^2/NDF: 2264366.2/55

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.592+/-0.004 χ^2/NDF:1943.6/10

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.647+/-0.003 χ^2/NDF:1159.5/8

Left: 0.624+/-0.003 χ^2/NDF: 3219.9/19

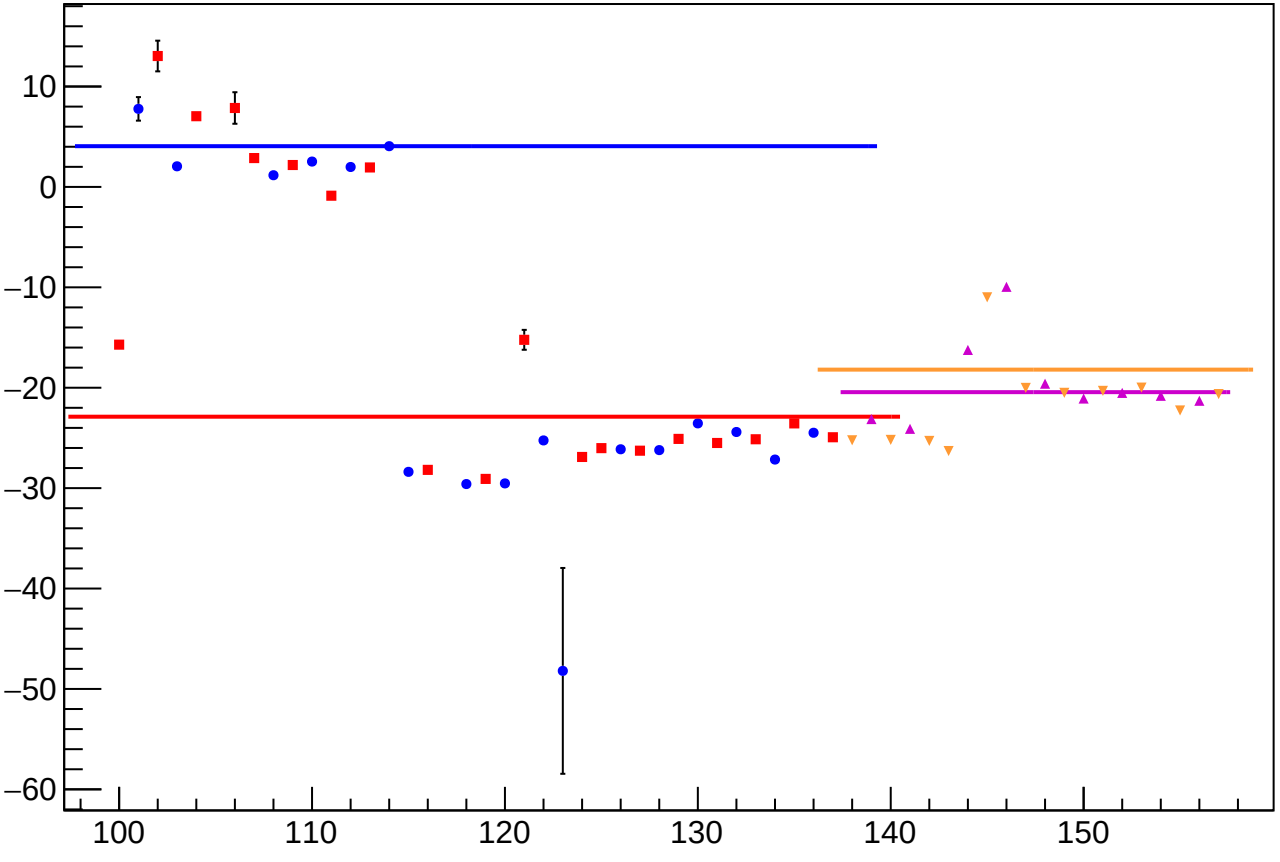
Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:15052.3/25

Out: -0.226+/-0.000 χ^2/NDF:50639.8/29

All: 0.888+/-0.000 χ^2/NDF: 422234564.5/55

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -18.197+/-0.020 χ^2/NDF:75402.5/10

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -20.440+/-0.018 χ^2/NDF:18498.8/8

Left: -19.412+/-0.013 χ^2/NDF: 100999.6/19

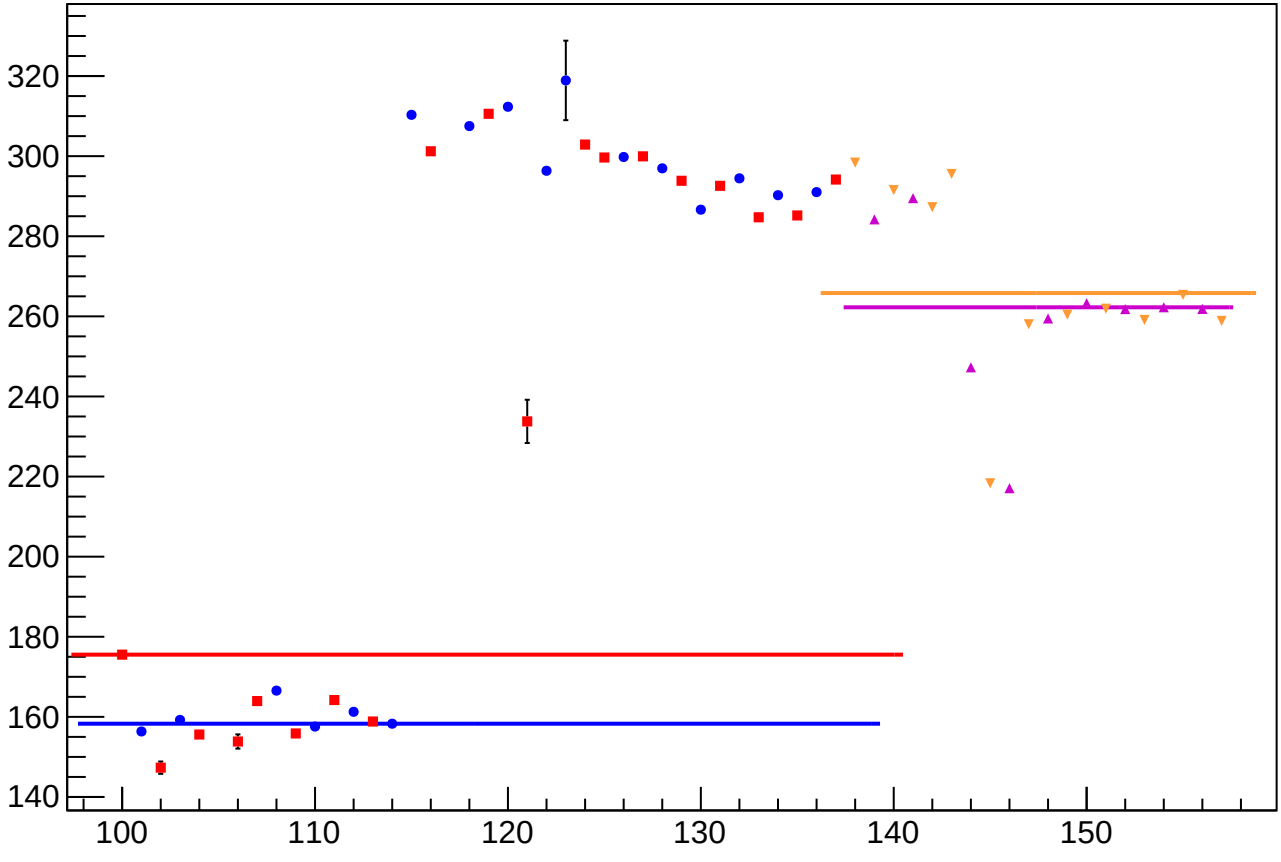
Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:3113024.9/25

Out: -19.869+/-0.016 χ^2/NDF:212320.5/29

All: 4.057+/-0.000 χ^2/NDF: 5642621.1/55

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 265.824+/-0.045 χ^2/NDF:181495.6/10

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 262.261+/-0.039 χ^2/NDF:36888.4/8

Left: 263.786+/-0.030 χ^2/NDF: 221950.2/19

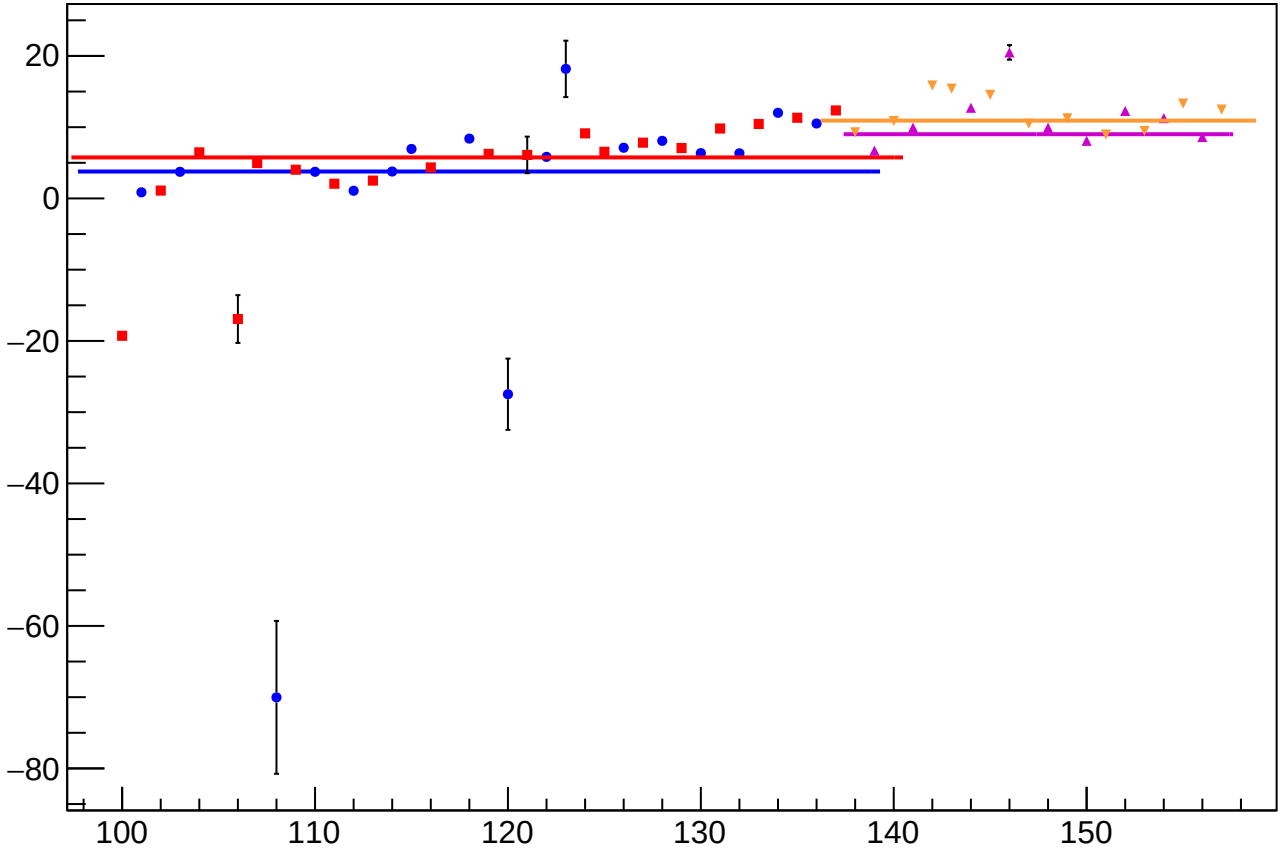
Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:9539775.1/25

Out: 175.536+/-0.000 χ^2/NDF:6285452.5/29

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: 10.923+/-0.040 χ^2/NDF:1596.3/10

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 9.011+/-0.041 χ^2/NDF:2185.5/8

Left: 9.984+/-0.028 χ^2/NDF: 4914.9/19

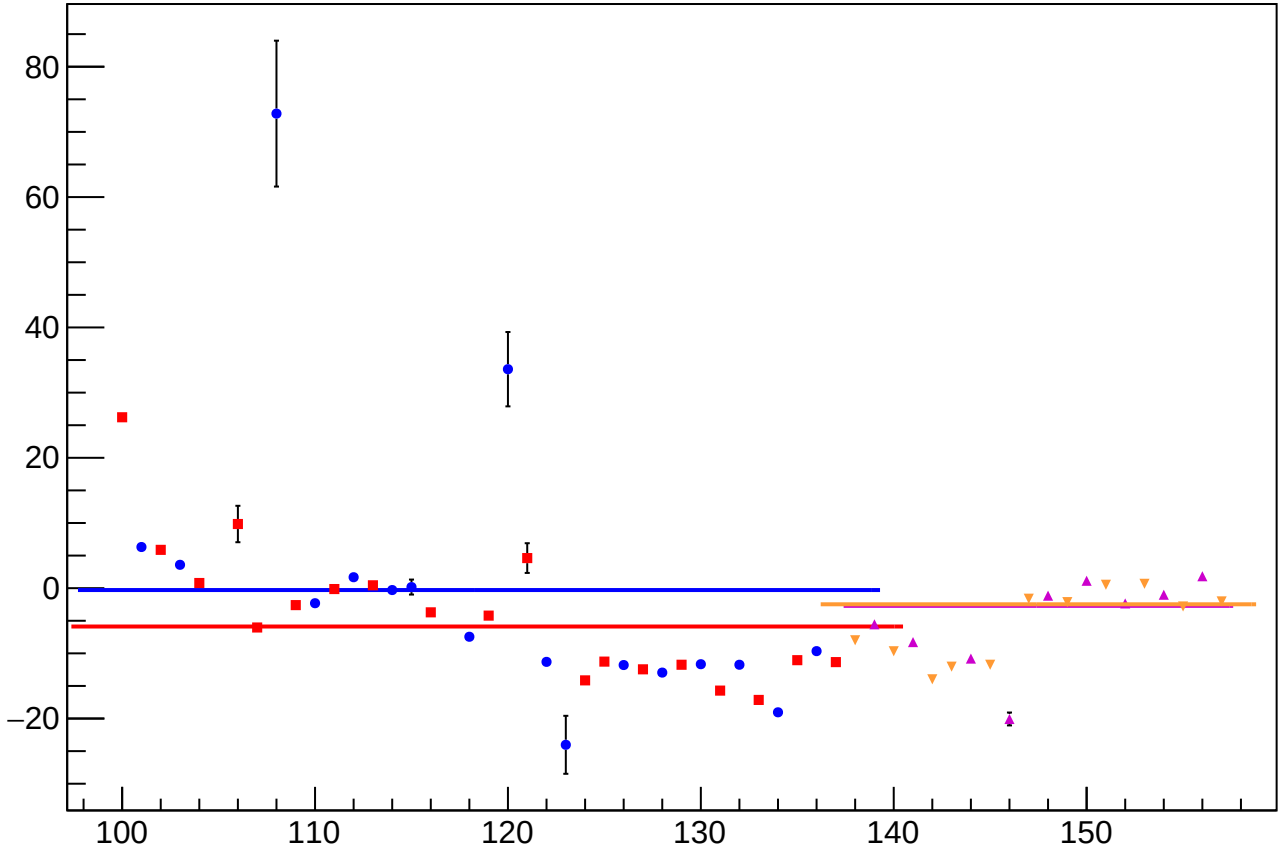
Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:25750.9/25

Out: 7.281+/-0.022 χ^2/NDF:35765.1/29

All: 3.778+/-0.000 χ^2/NDF: 87747.8/55

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -2.473+/-0.039 χ^2/NDF:7830.3/10

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -2.712+/-0.041 χ^2/NDF:10035.7/8

Left: -2.587+/-0.028 χ^2/NDF: 17883.7/19

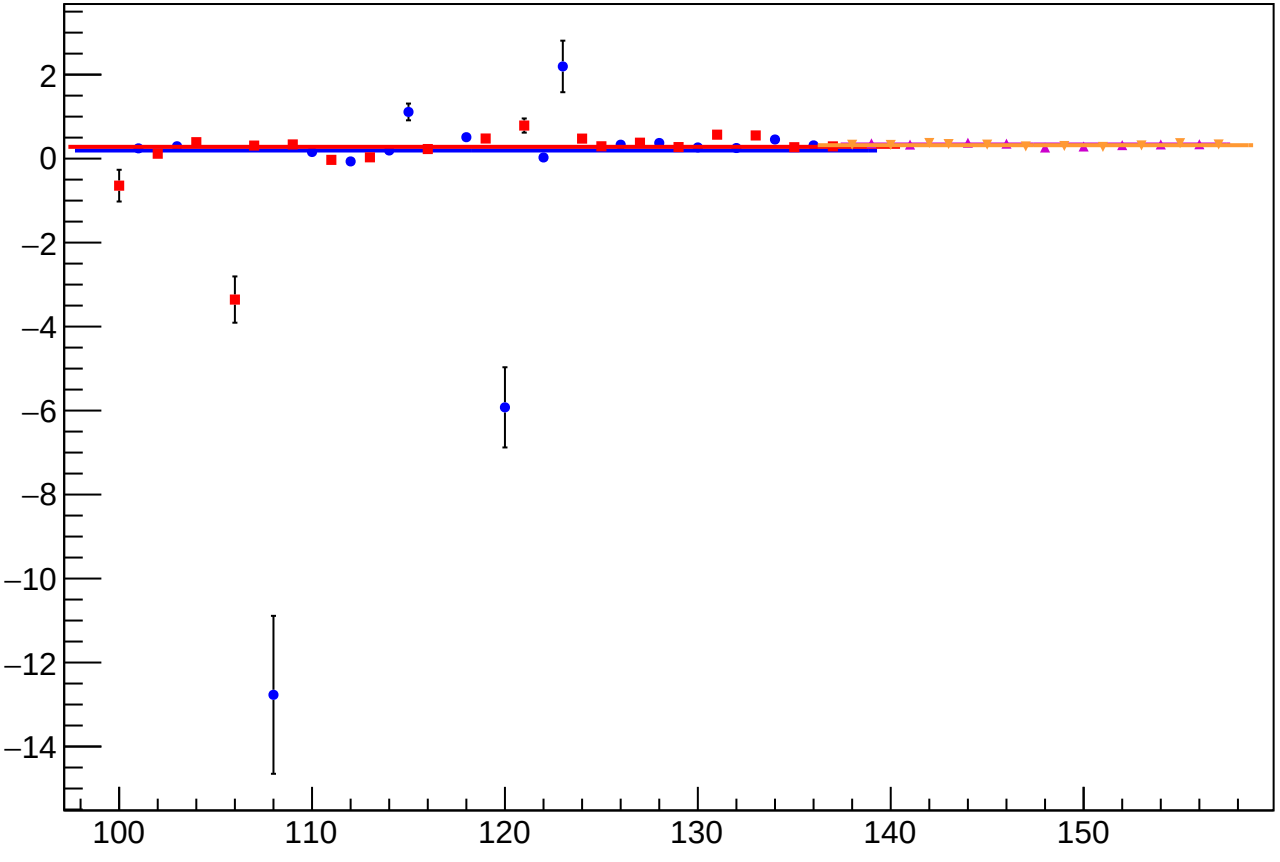
Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:57803.0/25

Out: -4.779+/-0.022 χ^2/NDF:76403.0/29

All: -0.287+/-0.000 χ^2/NDF: 174503.7/55

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.319+/-0.001 χ^2/NDF:1121.7/10

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.336+/-0.001 χ^2/NDF:2128.1/8

Left: 0.327+/-0.001 χ^2/NDF: 3505.3/19

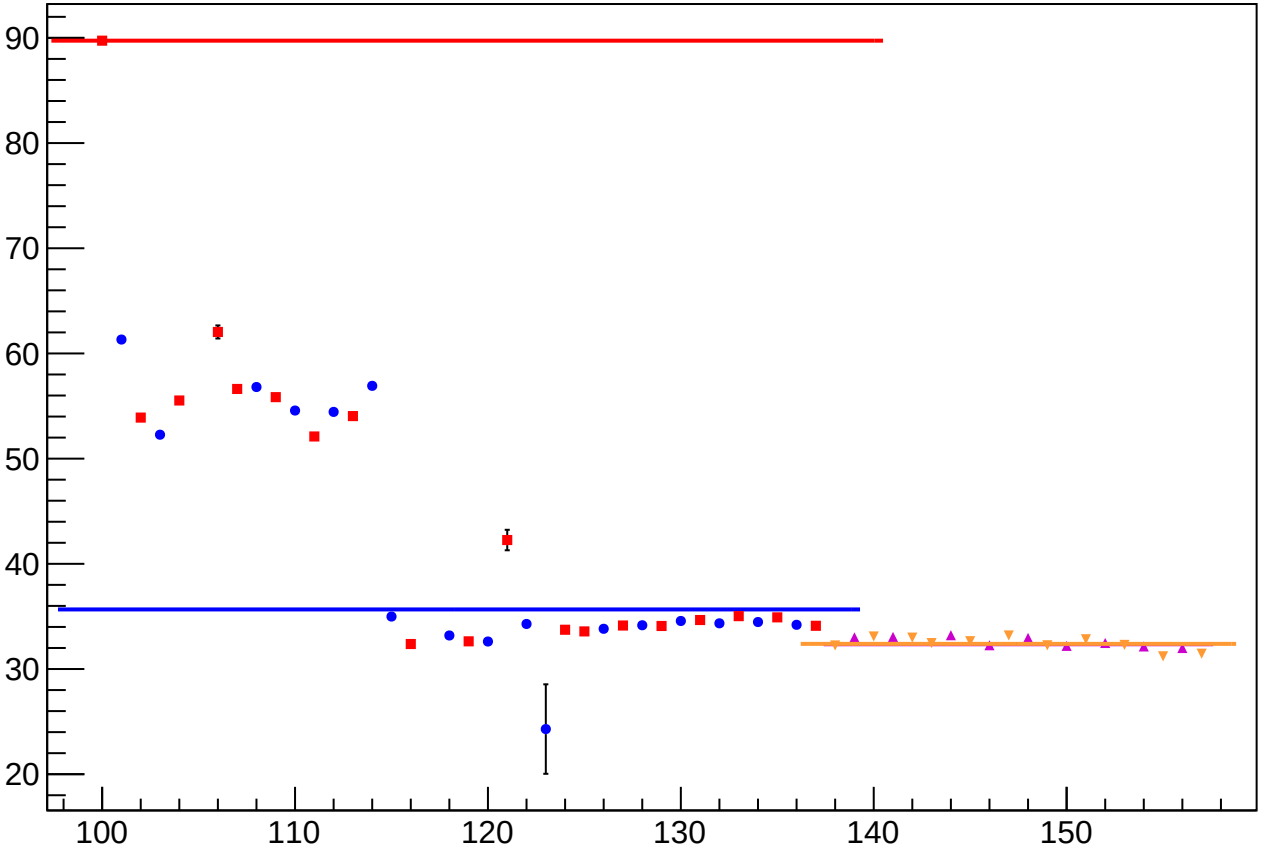
Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:45597.1/25

Out: 0.311+/-0.001 χ^2/NDF:7730.8/29

All: 0.193+/-0.000 χ^2/NDF: 85031.5/55

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.391+/-0.006 χ^2/NDF:2634.5/10

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.354+/-0.005 χ^2/NDF:3704.6/8

Left: 32.370+/-0.004 χ^2/NDF: 6359.8/19

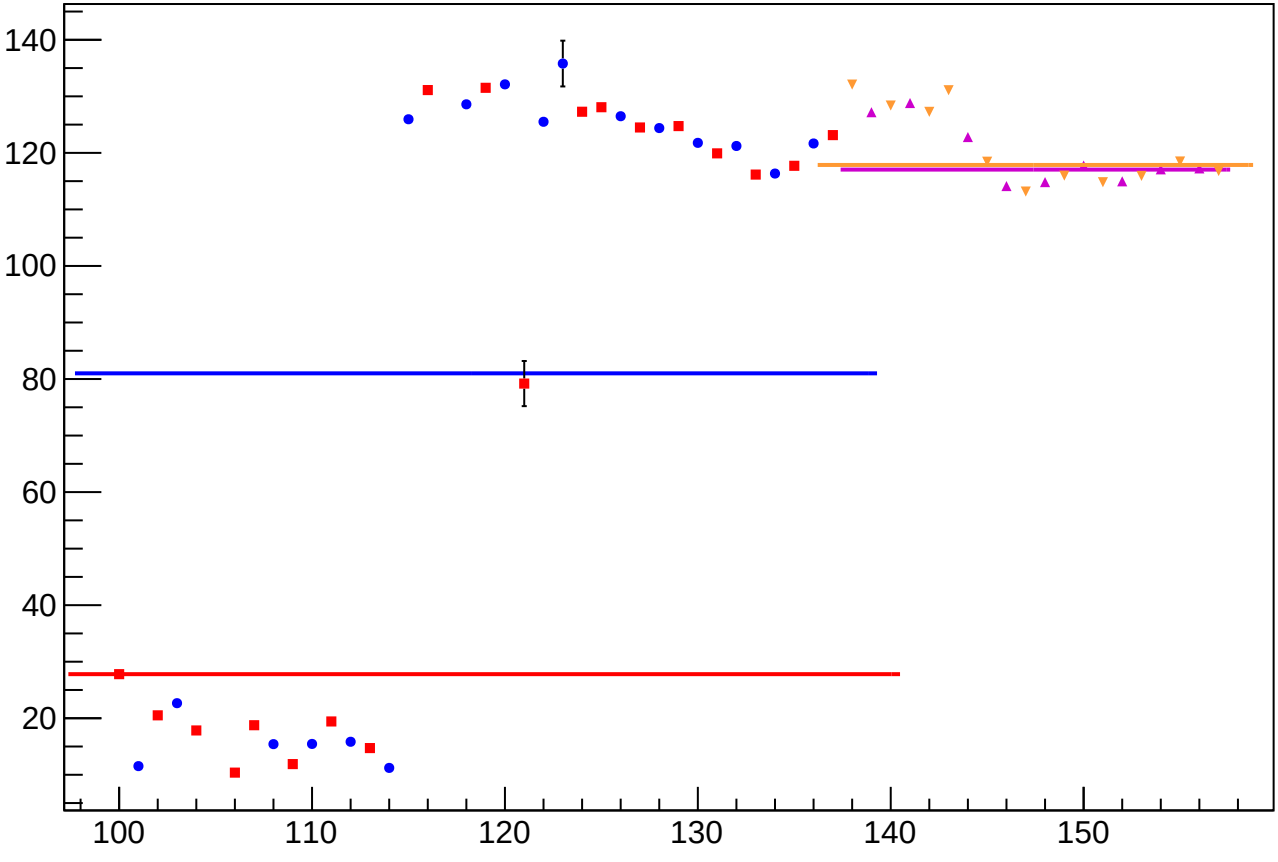
Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 32.970+/-0.005 χ^2/NDF:291384.9/25

Out: 89.735+/-0.000 χ^2/NDF:116036080.2/29

All: 89.735+/-0.000 χ^2/NDF: 250180541.4/55

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.865+/-0.014 χ^2/NDF:127763.7/10

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 117.043+/-0.011 χ^2/NDF:37784.8/8

Left: 117.348+/-0.008 χ^2/NDF: 167771.4/19

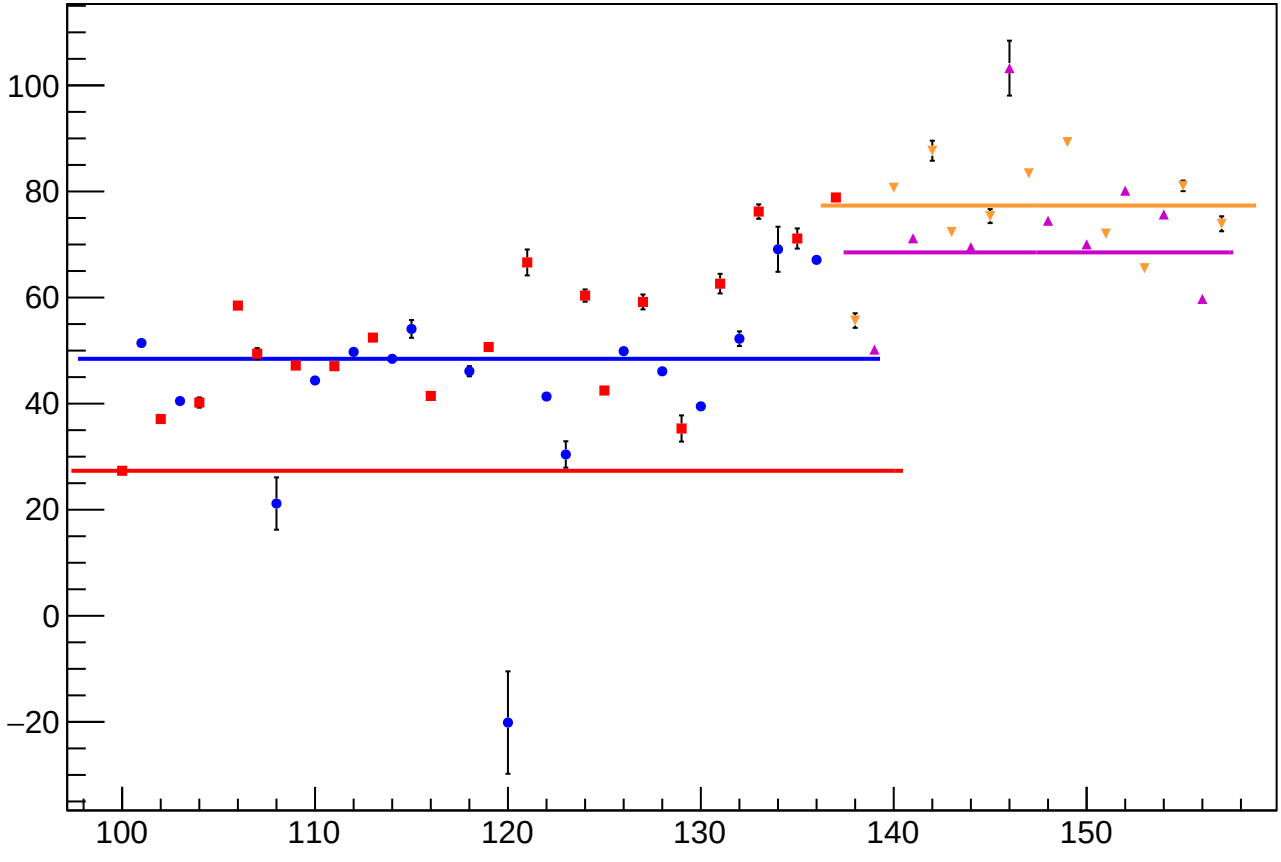
Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 113.926+/-0.010 χ^2/NDF:3261567.9/25

Out: 27.798+/-0.000 χ^2/NDF:51833135.8/29

All: 27.798+/-0.000 χ^2/NDF: 127007709.8/55

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 77.346+/-0.257 χ^2/NDF:1019.4/10

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 68.511+/-0.201 χ^2/NDF:2124.8/8

Left: 71.863+/-0.159 χ^2/NDF: 3875.7/19

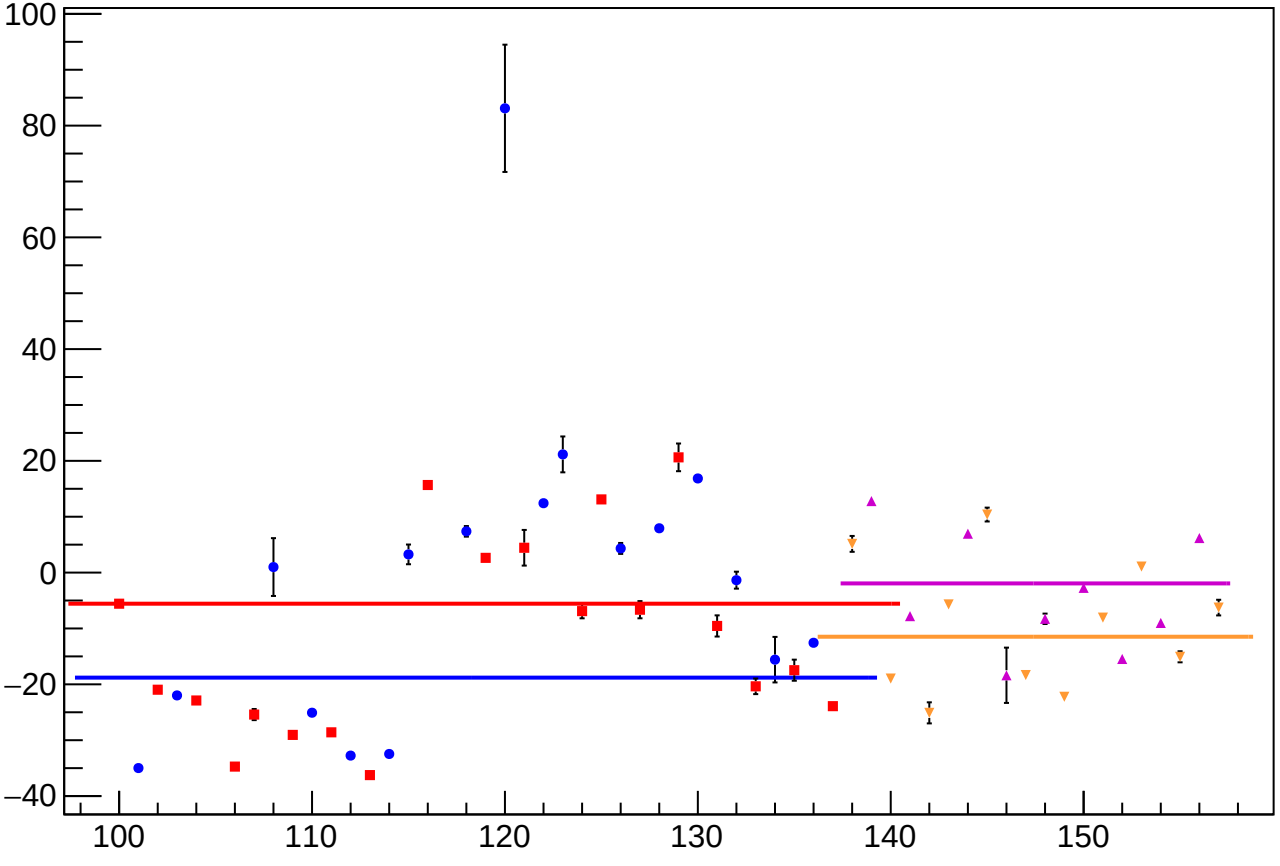
Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:14816.8/25

Out: 27.342+/-0.000 χ^2/NDF:64592.8/29

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: -11.479+/-0.254 χ^2/NDF:1305.6/10

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: -1.937+/-0.198 χ^2/NDF:2041.7/8

Left: -5.542+/-0.156 χ^2/NDF: 4226.9/19

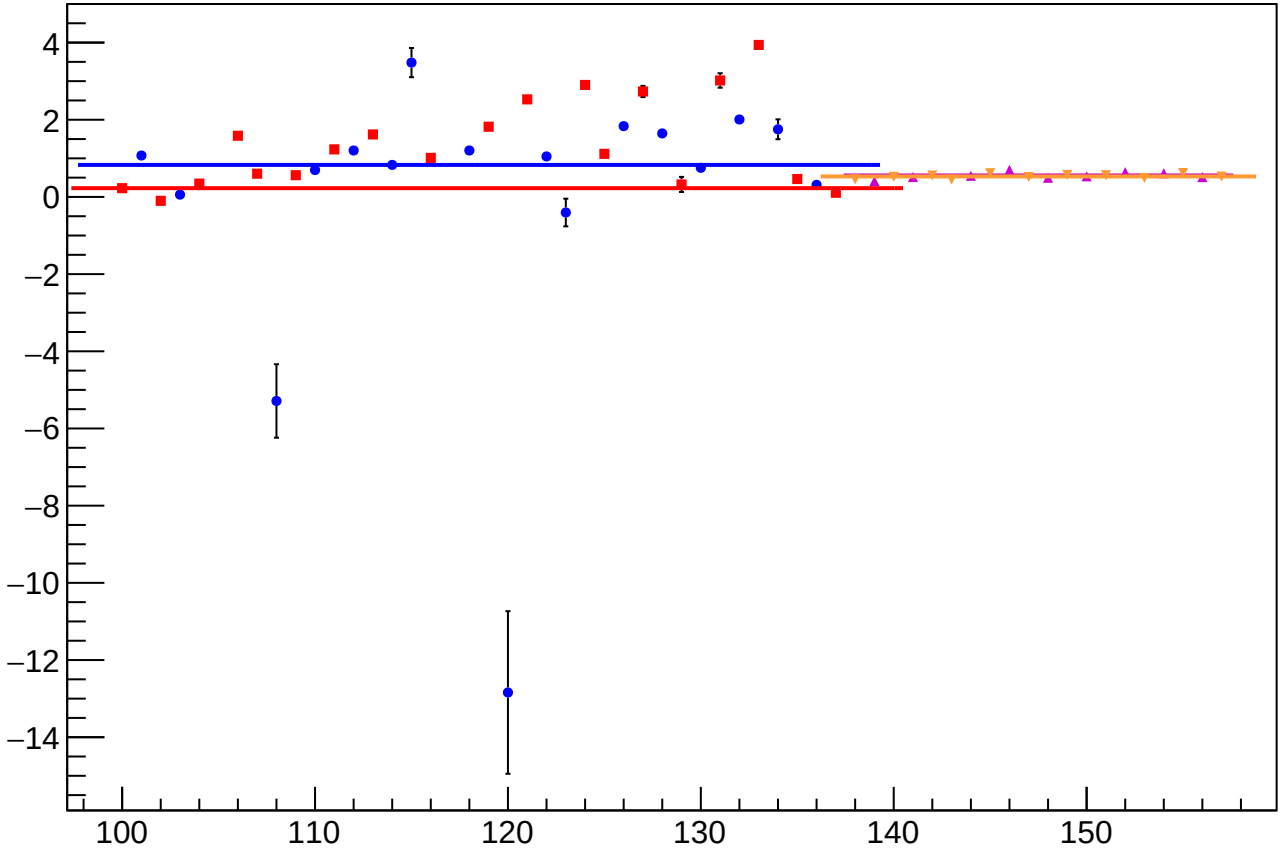
Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -12.723+/-0.119 χ^2/NDF:18457.3/25

Out: -5.568+/-0.000 χ^2/NDF:24945.5/29

All: -5.568+/-0.000 χ^2/NDF: 47035.4/55

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.531+/-0.002 χ^2/NDF:930.5/10

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.556+/-0.002 χ^2/NDF:1895.9/8

Left: 0.544+/-0.001 χ^2/NDF: 2952.0/19

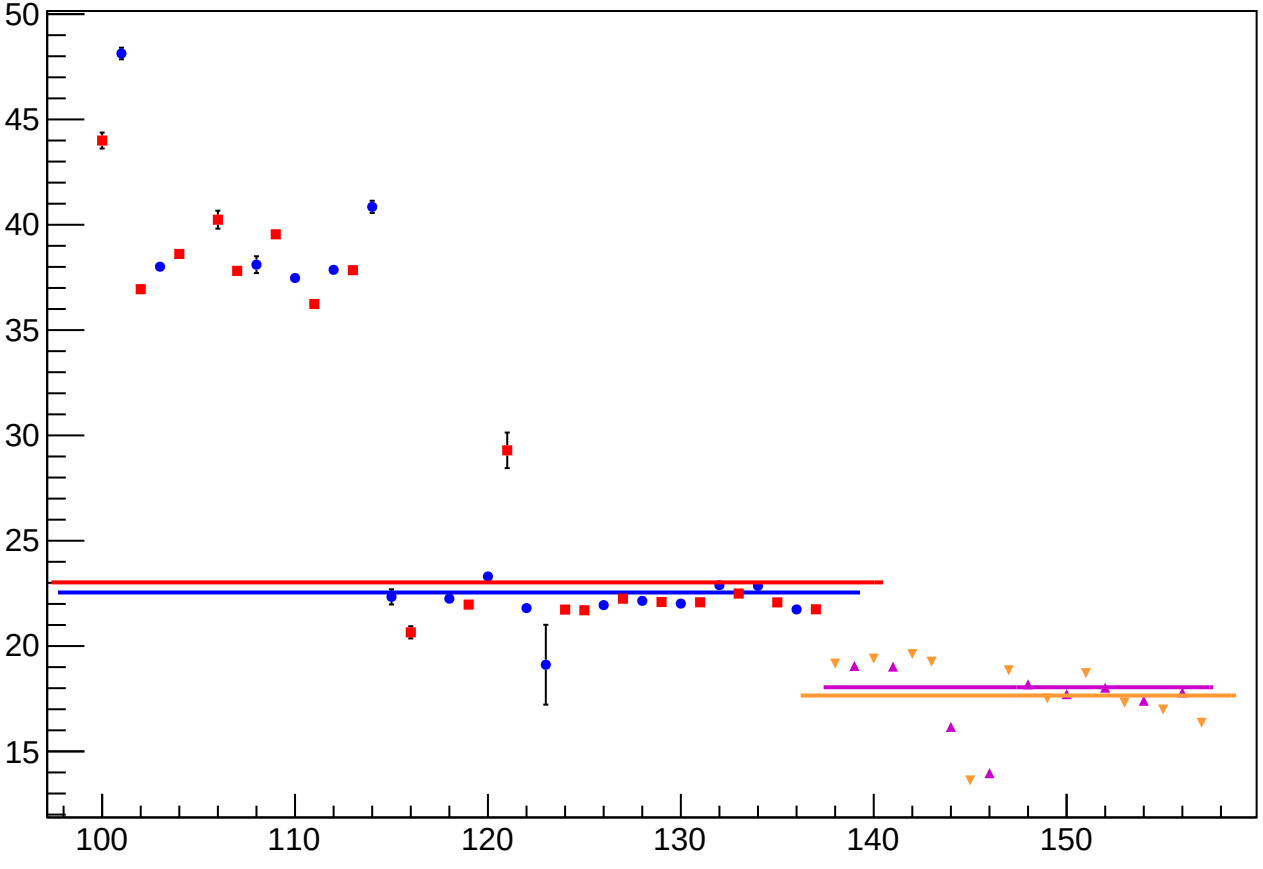
Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:46900.8/25

Out: 0.227+/-0.000 χ^2/NDF:46662.0/29

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: 17.651+/-0.008 χ^2/NDF:69641.3/10

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 18.045+/-0.009 χ^2/NDF:9915.3/8

Left: 17.827+/-0.006 χ^2/NDF: 80595.2/19

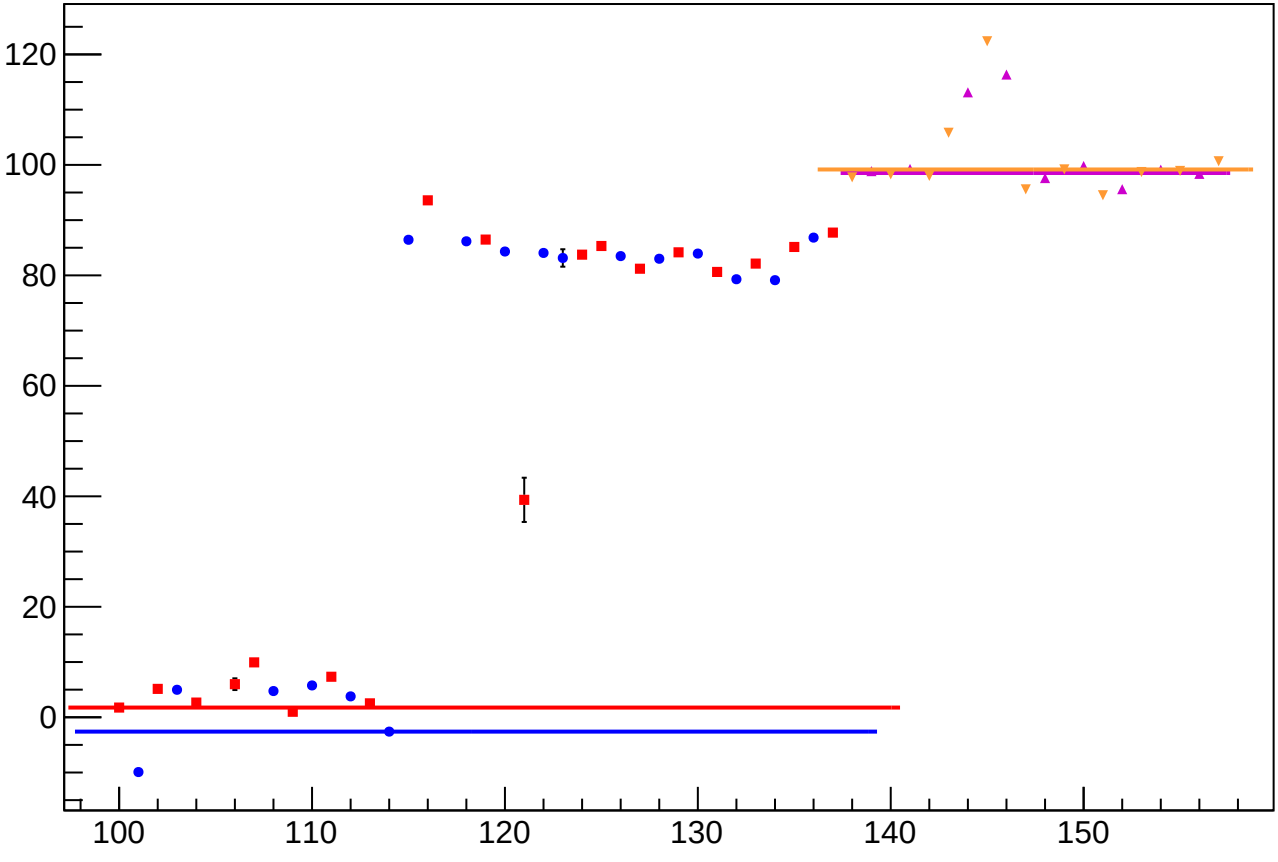
Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 20.236+/-0.006 χ^2/NDF:235068.1/25

Out: 20.065+/-0.006 χ^2/NDF:429605.1/29

All: 20.145+/-0.004 χ^2/NDF: 665044.1/55

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 99.171+/-0.015 χ^2/NDF:68045.6/10

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 98.534+/-0.015 χ^2/NDF:16121.1/8

Left: 98.842+/-0.010 χ^2/NDF: 85093.8/19

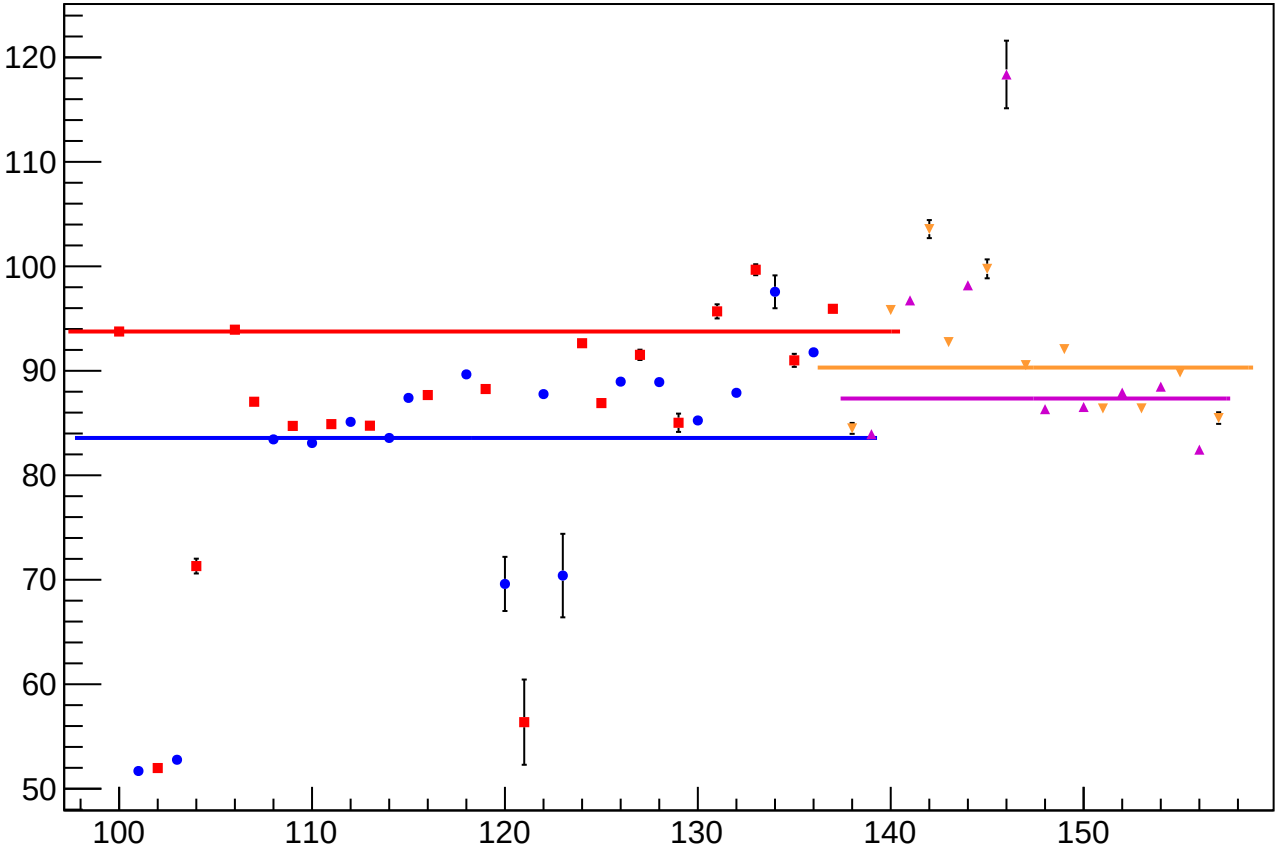
Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:55890665.4/25

Out: 1.758+/-0.000 χ^2/NDF:46228487.5/29

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: 90.312+/-0.102 χ^2/NDF:1437.2/10

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 87.348+/-0.076 χ^2/NDF:2724.2/8

Left: 88.410+/-0.061 χ^2/NDF: 4704.2/19

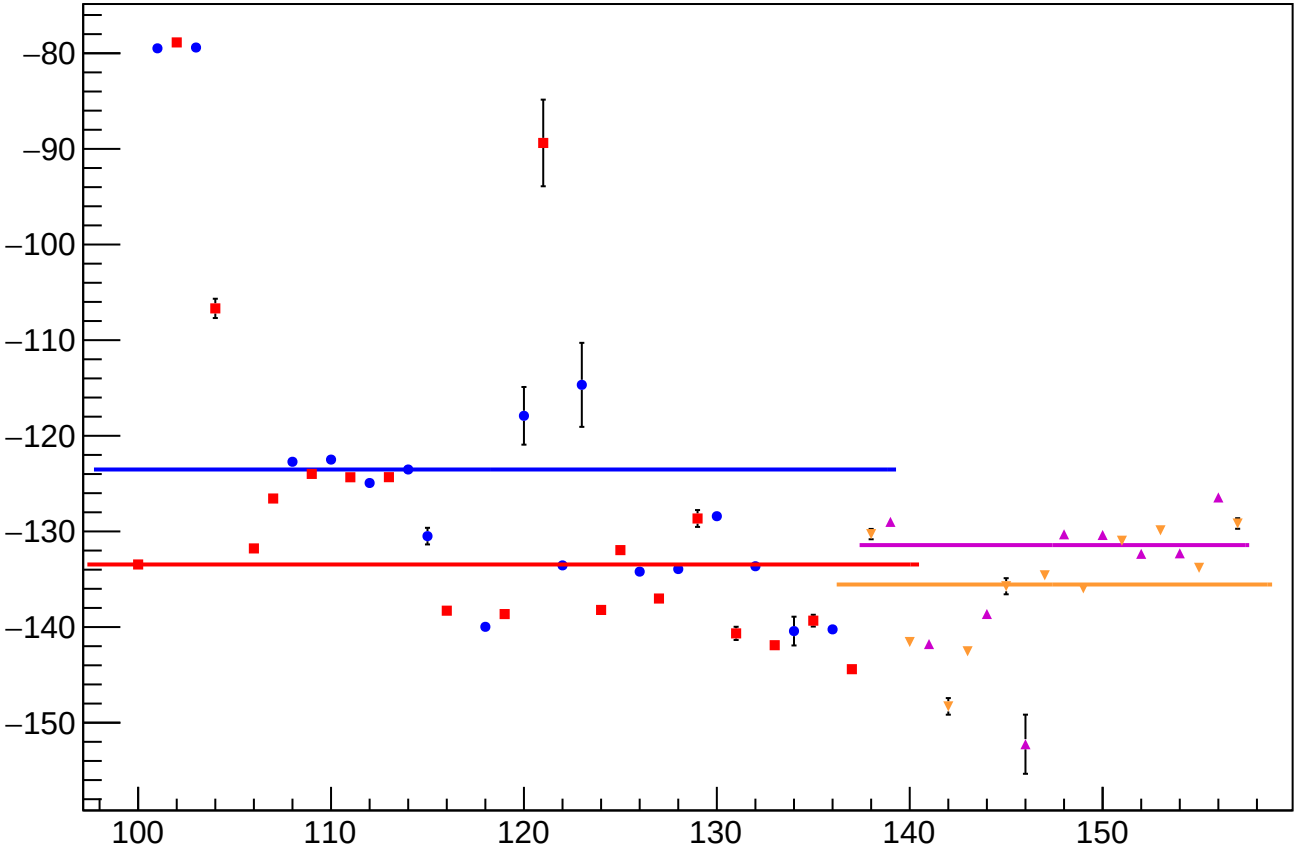
Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:54650.5/25

Out: 93.762+/-0.000 χ^2/NDF:85432.8/29

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: -135.550+/-0.101 χ^2/NDF:2379.2/10

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -131.429+/-0.074 χ^2/NDF:2394.5/8

Left: -132.866+/-0.060 χ^2/NDF: 5848.0/19

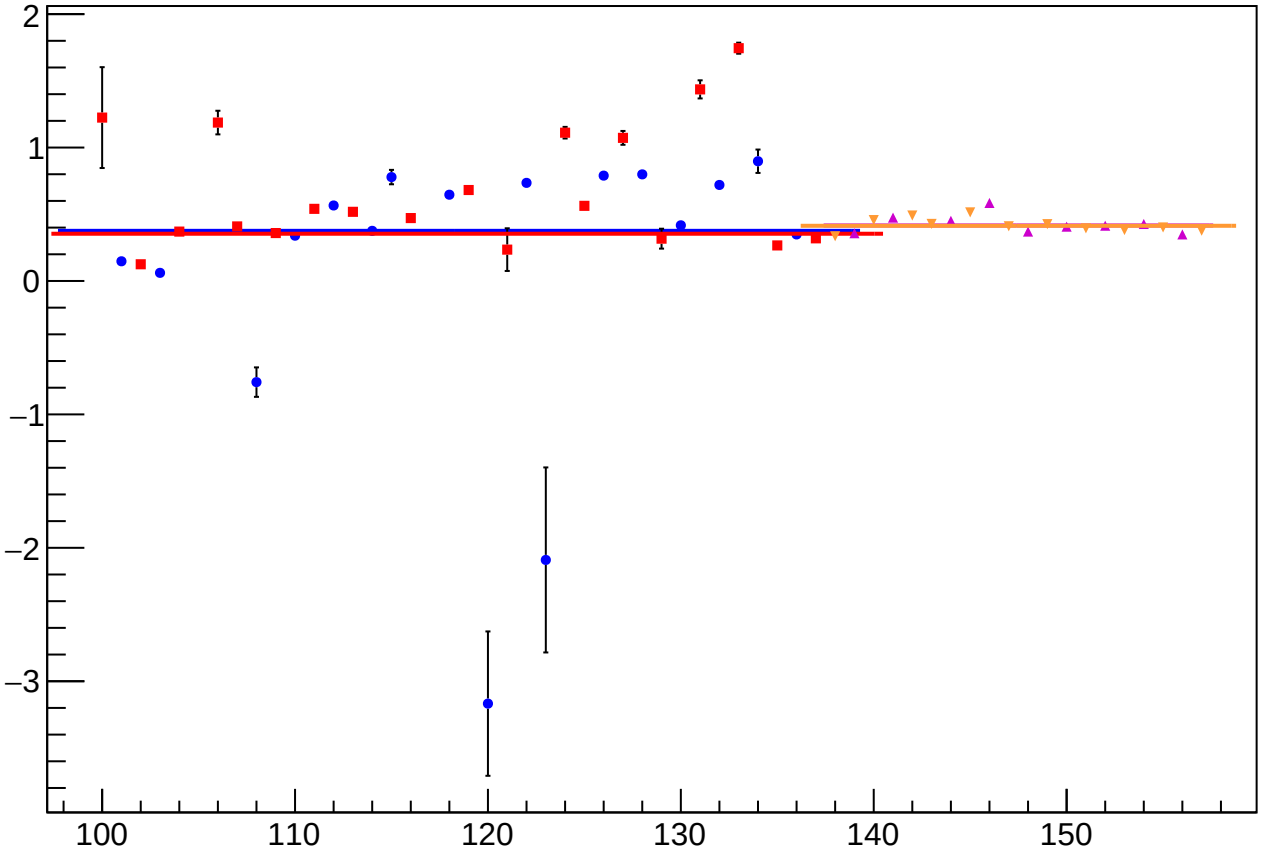
Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:174088.3/25

Out: -133.456+/-0.000 χ^2/NDF:397701.6/29

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: 0.414+/-0.001 χ^2/NDF:1162.4/10

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.416+/-0.001 χ^2/NDF:3366.1/8

Left: 0.415+/-0.000 χ^2/NDF: 4534.8/19

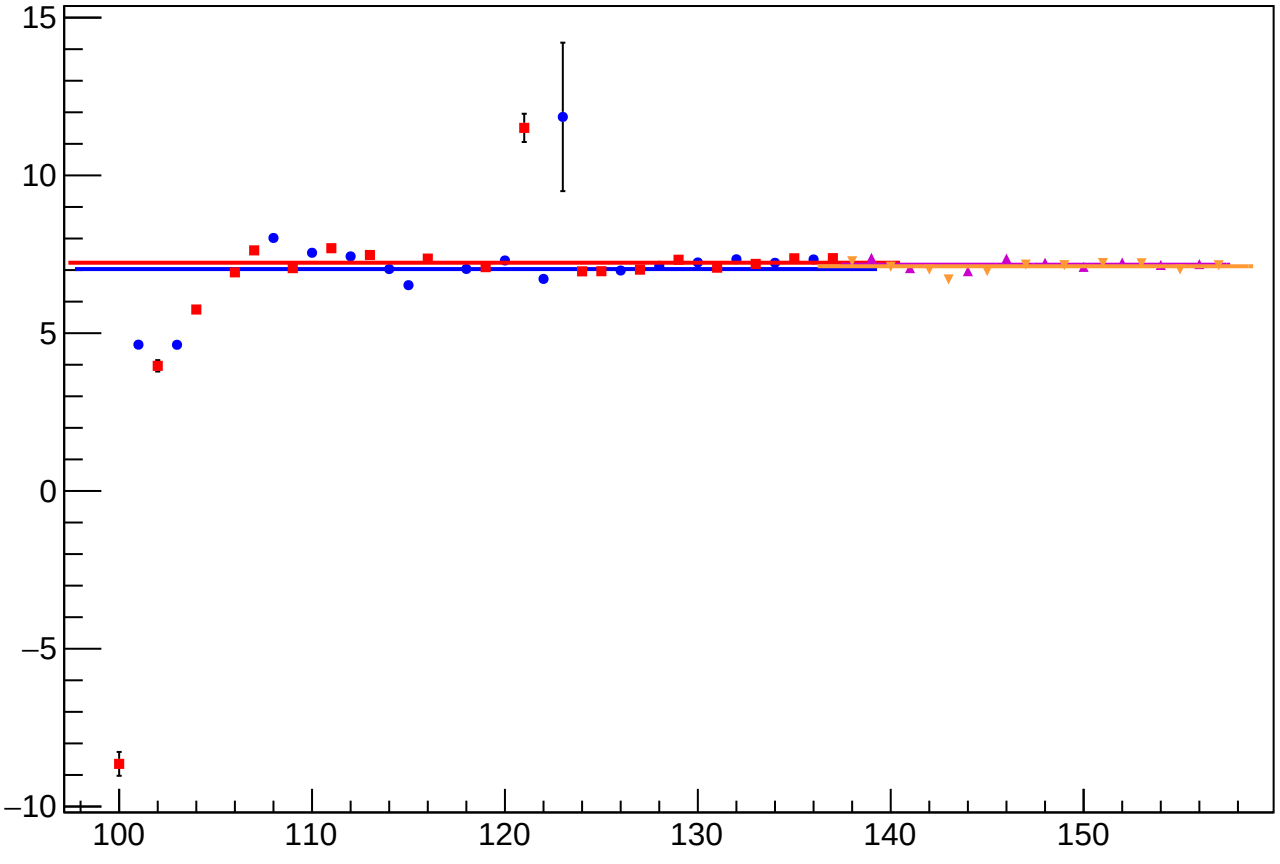
Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:11646.5/25

Out: 0.402+/-0.001 χ^2/NDF:7000.3/29

All: 0.376+/-0.000 χ^2/NDF: 20095.8/55

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.121+/-0.001 χ^2/NDF:14254.1/10

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.170+/-0.001 χ^2/NDF:7343.9/8

Left: 7.147+/-0.001 χ^2/NDF: 22368.5/19

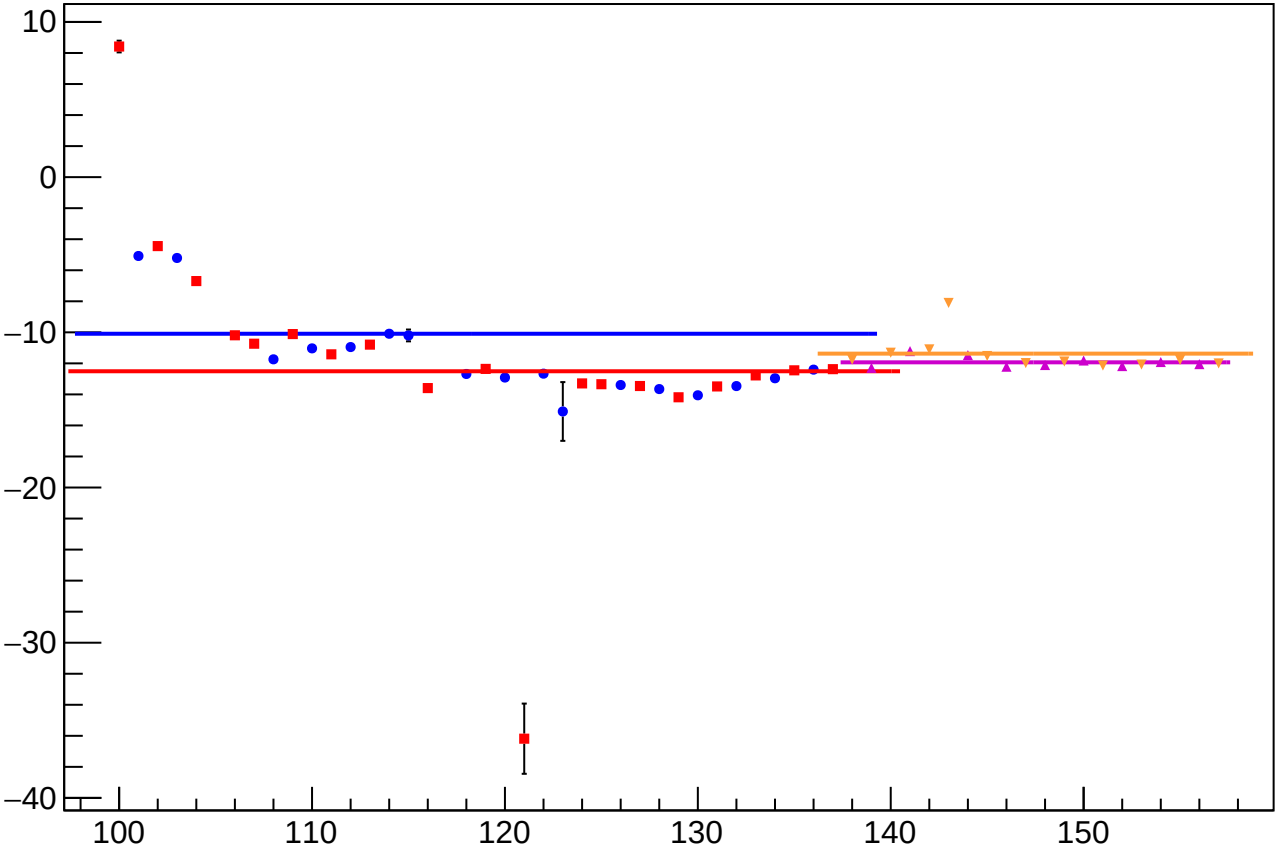
Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:39759.2/25

Out: 7.146+/-0.001 χ^2/NDF:26035.4/29

All: 7.032+/-0.000 χ^2/NDF: 75907.9/55

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.373+/-0.002 χ^2/NDF:359321.1/10

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -11.933+/-0.003 χ^2/NDF:9865.4/8

Left: -11.618+/-0.002 χ^2/NDF: 393913.7/19

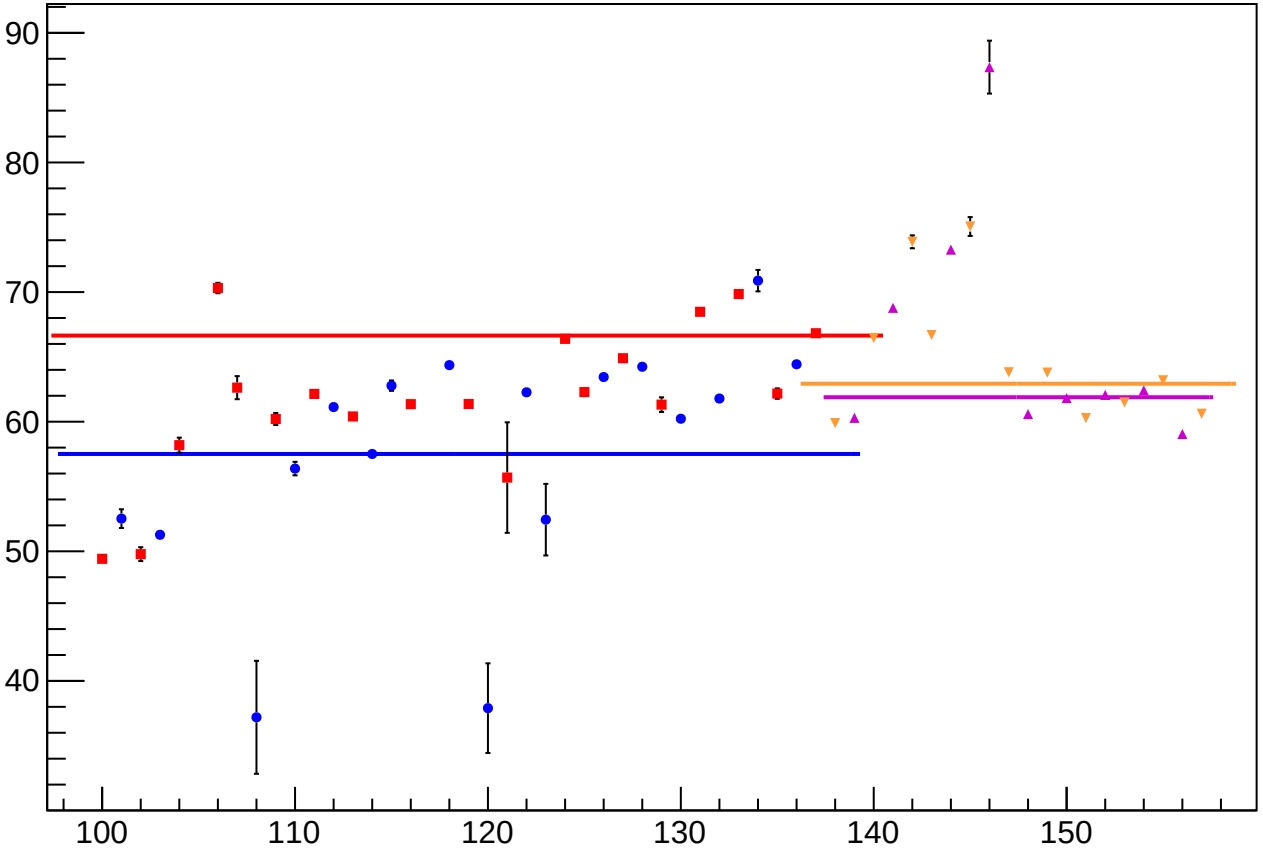
Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:1028321.2/25

Out: -11.695+/-0.002 χ^2/NDF:528563.3/29

All: -10.092+/-0.000 χ^2/NDF: 2201312.5/55

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 62.930+/-0.059 χ^2/NDF:2359.4/10

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 61.888+/-0.046 χ^2/NDF:3047.7/8

Left: 62.281+/-0.037 χ^2/NDF: 5598.0/19

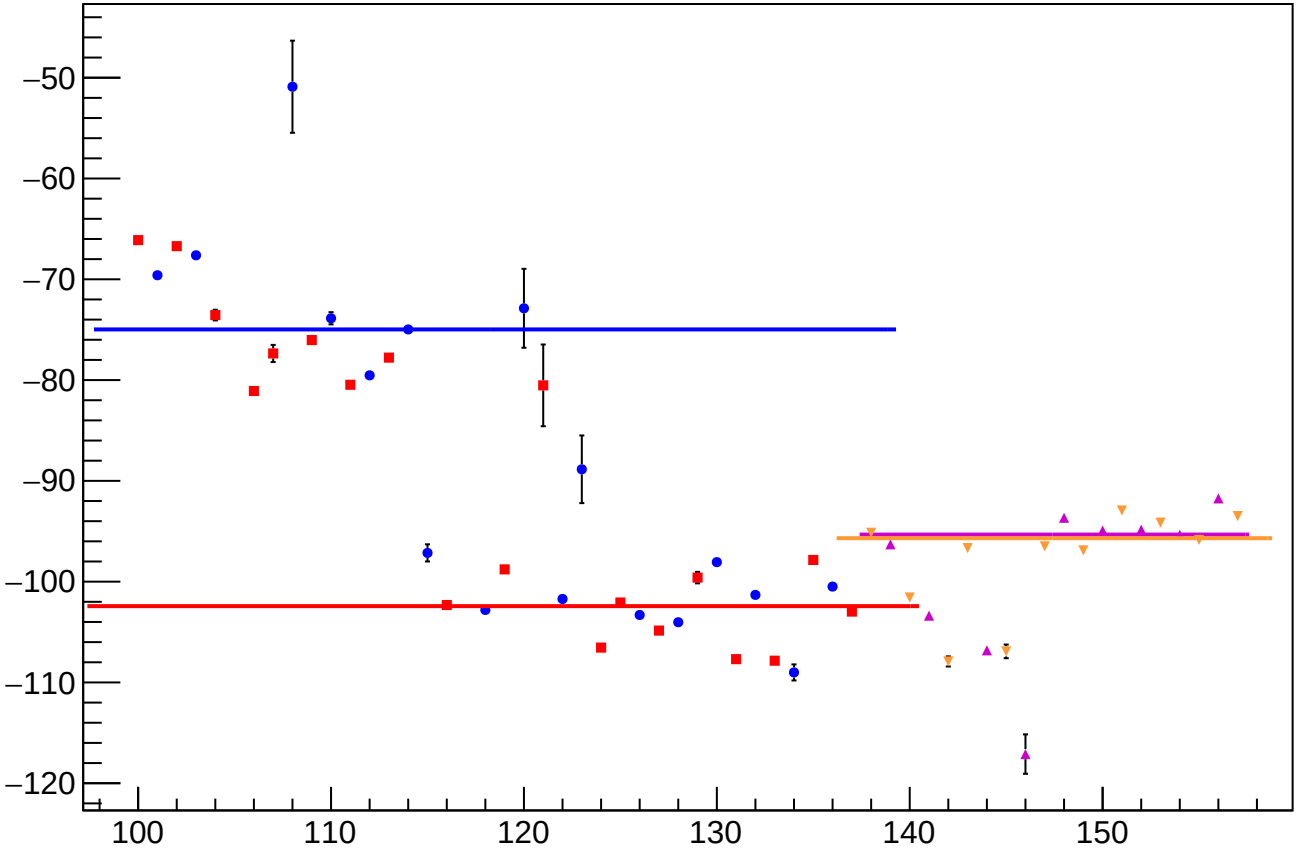
Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:20087.7/25

Out: 66.474+/-0.013 χ^2/NDF:14245.5/29

All: 57.510+/-0.000 χ^2/NDF: 527081.3/55

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -95.690+/-0.060 χ^2/NDF:2358.4/10

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -95.329+/-0.047 χ^2/NDF:3731.8/8

Left: -95.466+/-0.037 χ^2/NDF: 6112.7/19

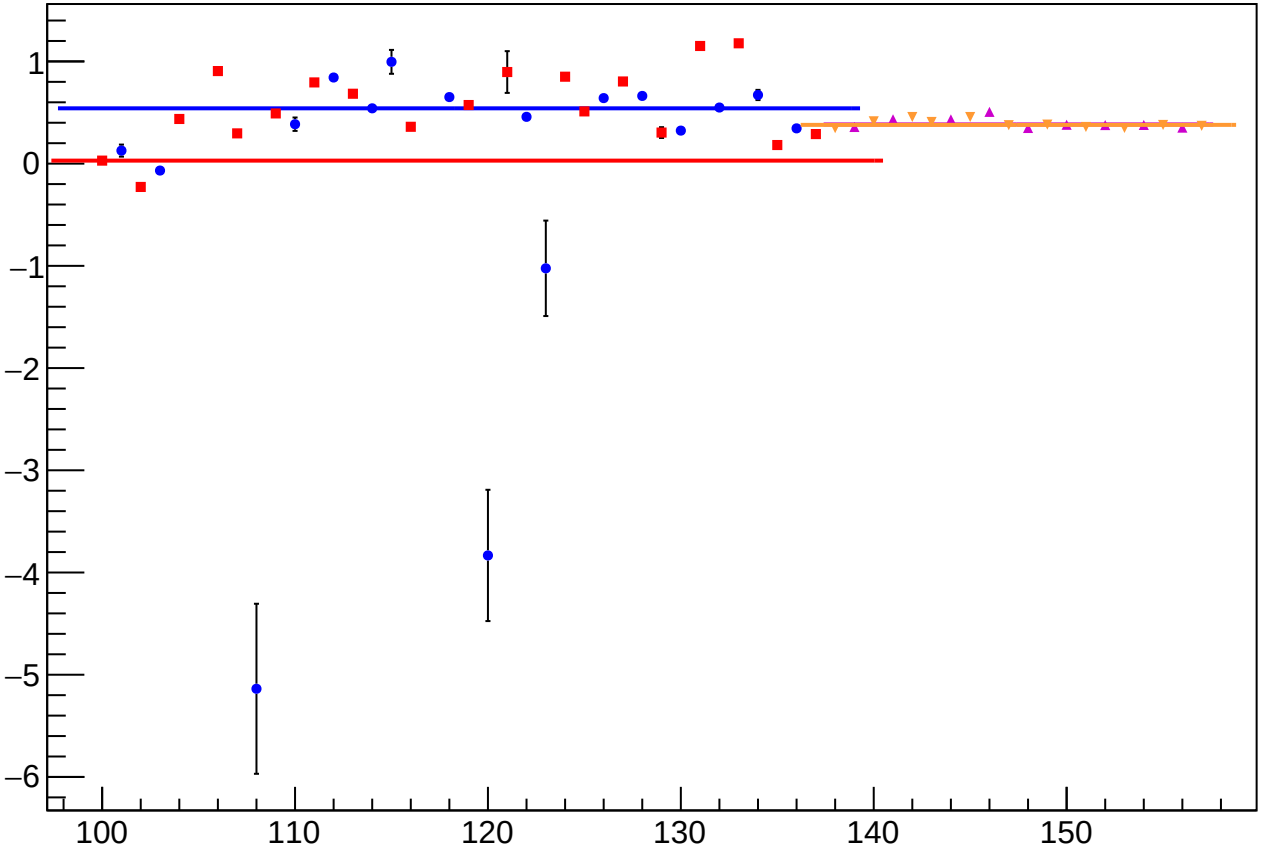
Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:322640.5/25

Out: -101.886+/-0.017 χ^2/NDF:64296.8/29

All: -74.974+/-0.000 χ^2/NDF: 2869794.6/55

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.379+/-0.001 χ^2/NDF:1347.5/10

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.384+/-0.000 χ^2/NDF:2772.6/8

Left: 0.382+/-0.000 χ^2/NDF: 4163.0/19

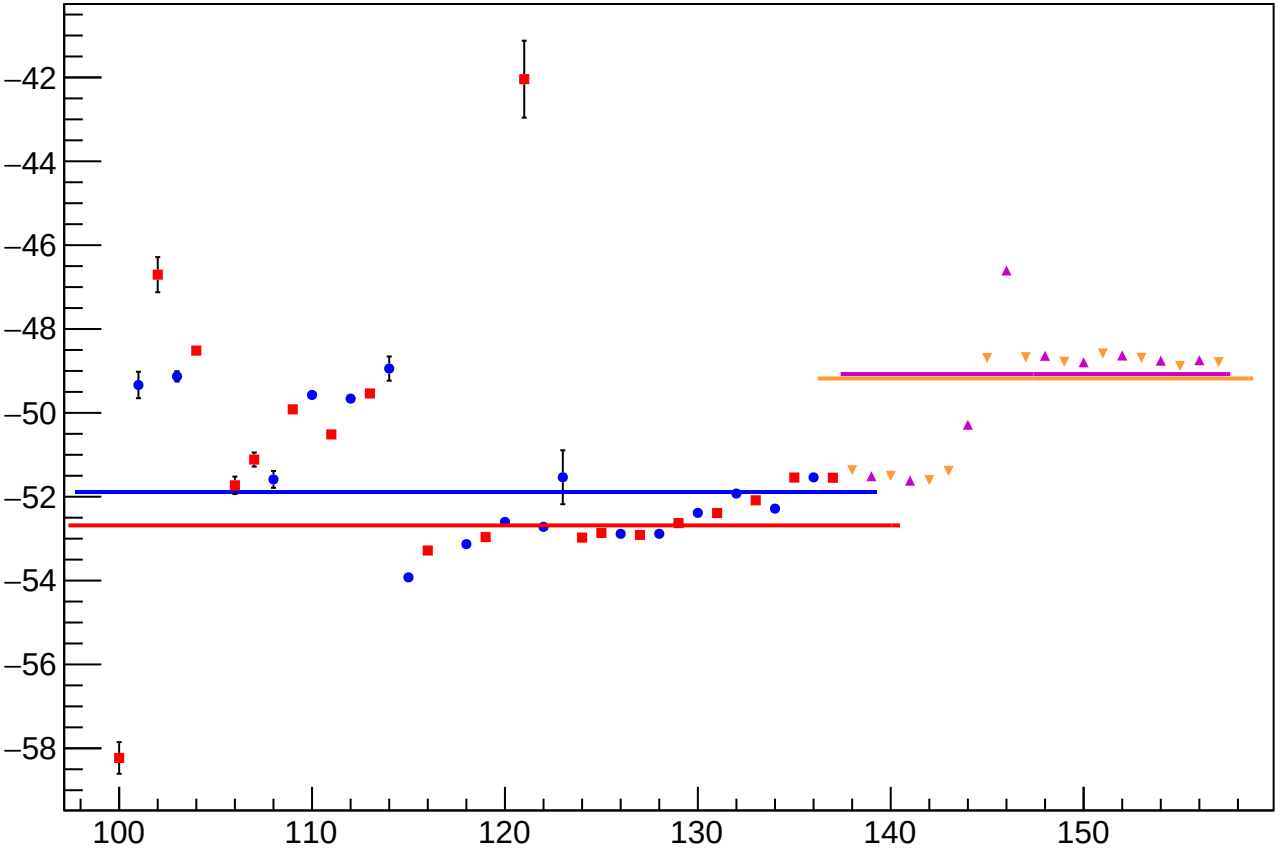
Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:155231.1/25

Out: 0.030+/-0.000 χ^2/NDF:515327.2/29

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: -49.180+/-0.002 χ^2/NDF:319410.8/10

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -49.074+/-0.001 χ^2/NDF:491224.3/8

Left: -49.114+/-0.001 χ^2/NDF: 812809.8/19

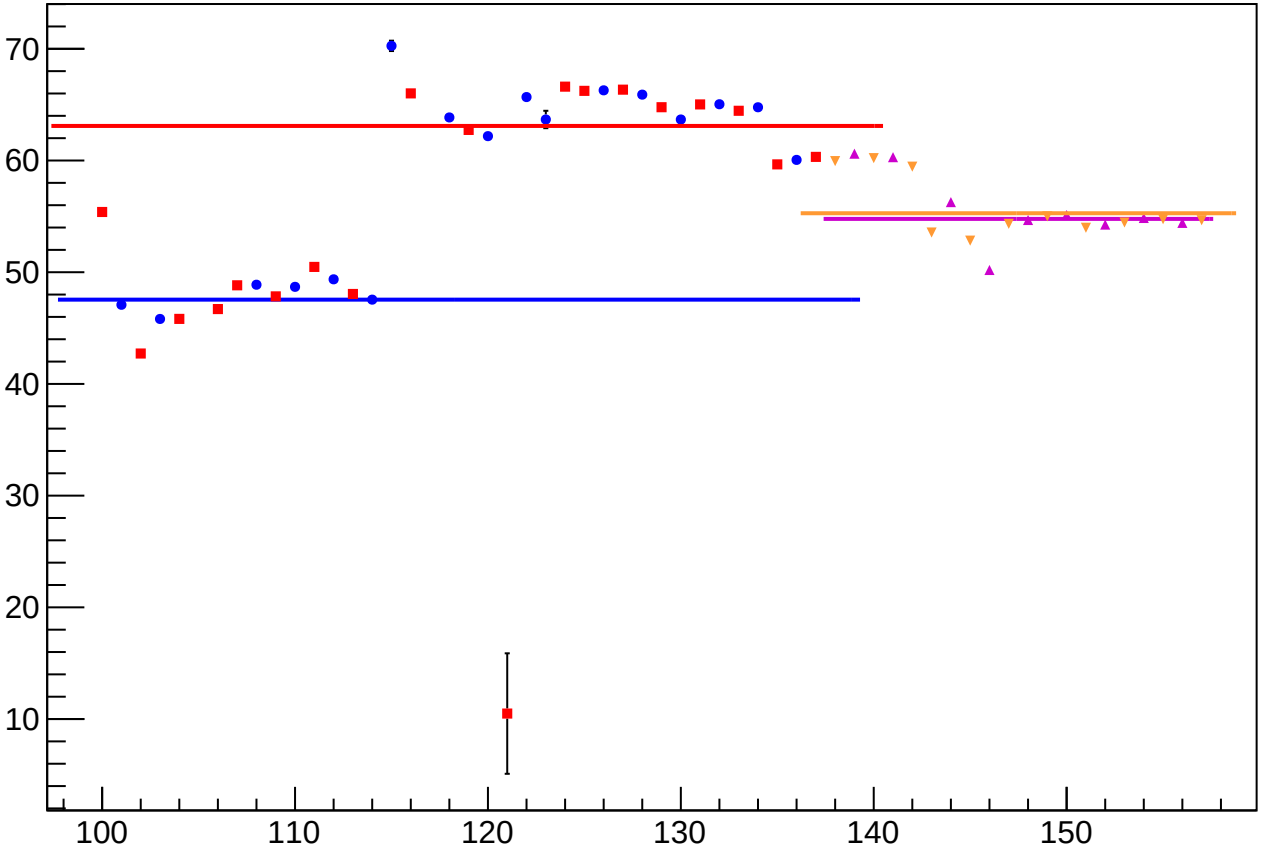
Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -49.864+/-0.001 χ^2/NDF:1716336.8/25

Out: -50.339+/-0.001 χ^2/NDF:1629520.3/29

All: -50.050+/-0.001 χ^2/NDF: 3409397.3/55

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 55.279+/-0.004 χ^2/NDF:222247.3/10

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.773+/-0.003 χ^2/NDF:76498.4/8

Left: 54.953+/-0.003 χ^2/NDF: 307871.4/19

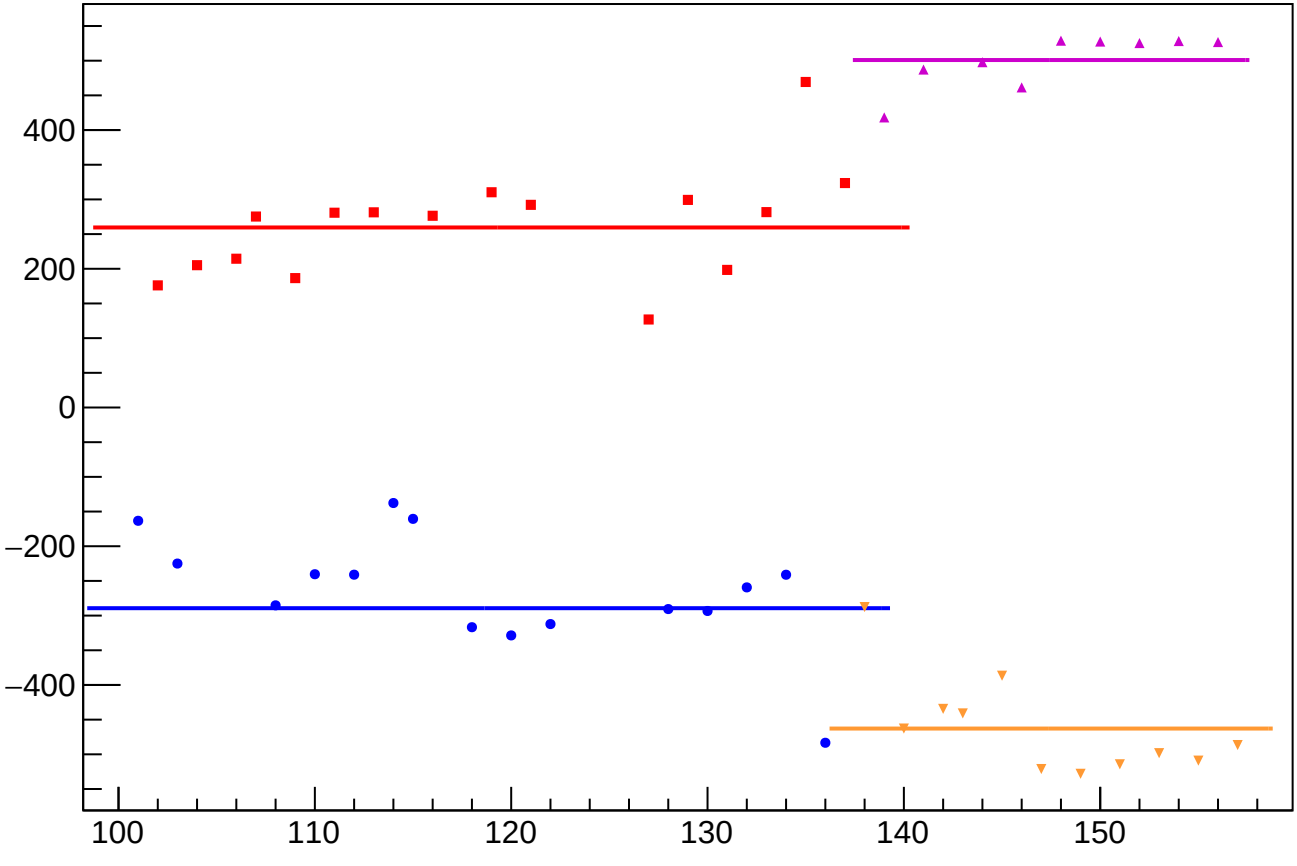
Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:8819923.1/25

Out: 57.194+/-0.004 χ^2/NDF:1381701.1/29

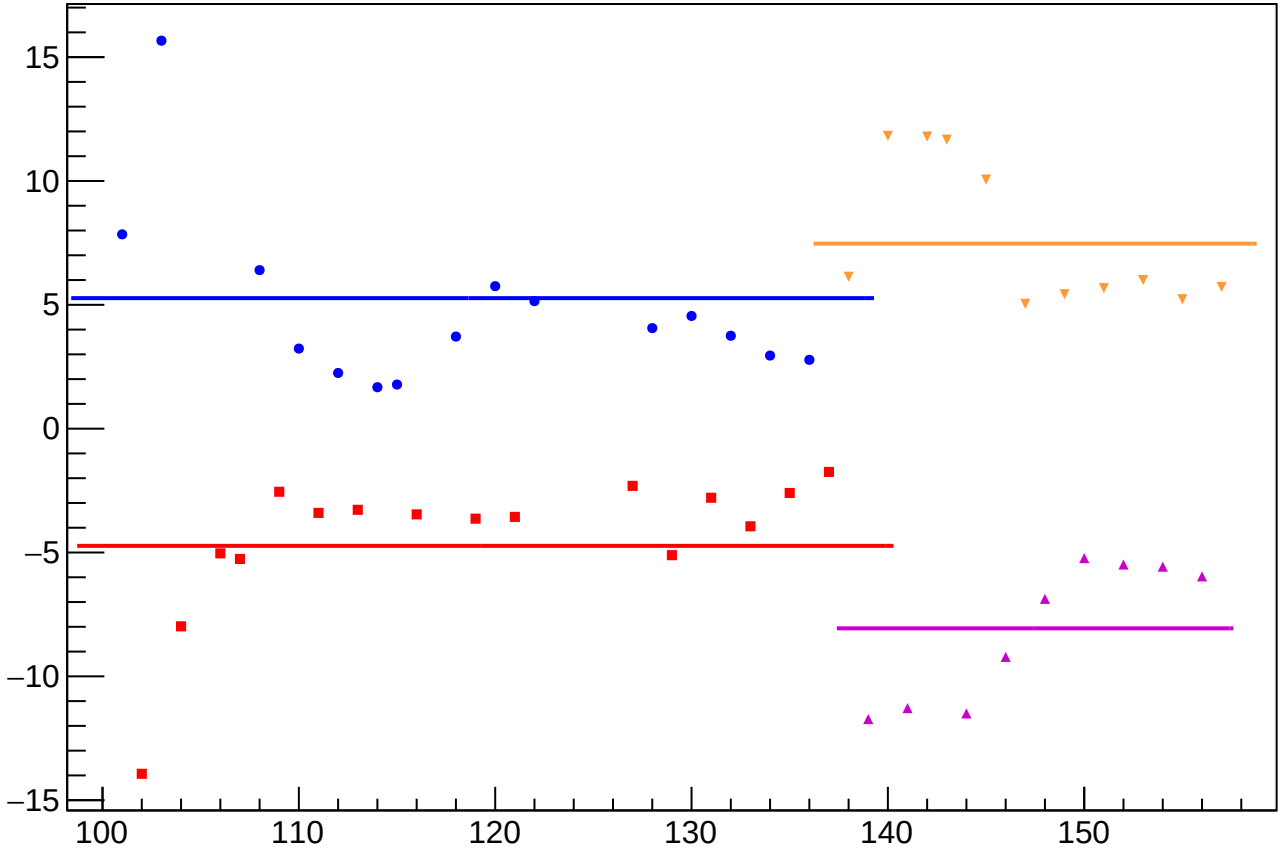
All: 47.545+/-0.000 χ^2/NDF: 17006225.1/55

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: -1.355+/-0.000 χ^2/NDF: 3773671546625483
Right In: -289.322+/-0.000 χ^2/NDF: 536968164048489147864958539218393497 6.0/14
Right: -11.129+/-0.000 χ^2/NDF: 108768514077982
Left Out: -462.846+/-0.000 χ^2/NDF:408177720115210190725399500761438617 6.0/10
In: 139.250+/-0.000 χ^2/NDF:226180261606596 98
Right Out: 259.558+/-0.000 χ^2/NDF: 429988679269212397078456398377071 4112.0/15
Out: -142.472+/-0.000 χ^2/NDF:202096889000594
Left In: 500.945+/-0.000 χ^2/NDF:100277374266109972488764544849962 5984.0/8
All: -5.757+/-0.000 χ^2/NDF: 486204766436 2

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Left: 0.033+/-0.000 χ^2/NDF: 10832036987148387

Right In: 5.270+/-0.000 χ^2/NDF: 8709683292123798330550906790084608.0/14

Right: 0.201+/-0.000 χ^2/NDF: 4846795516854343

Left Out: 7.470+/-0.000 χ^2/NDF:6165783528400329572325854655021056.0/10

In: -1.960+/-0.000 χ^2/NDF:76728312432880132

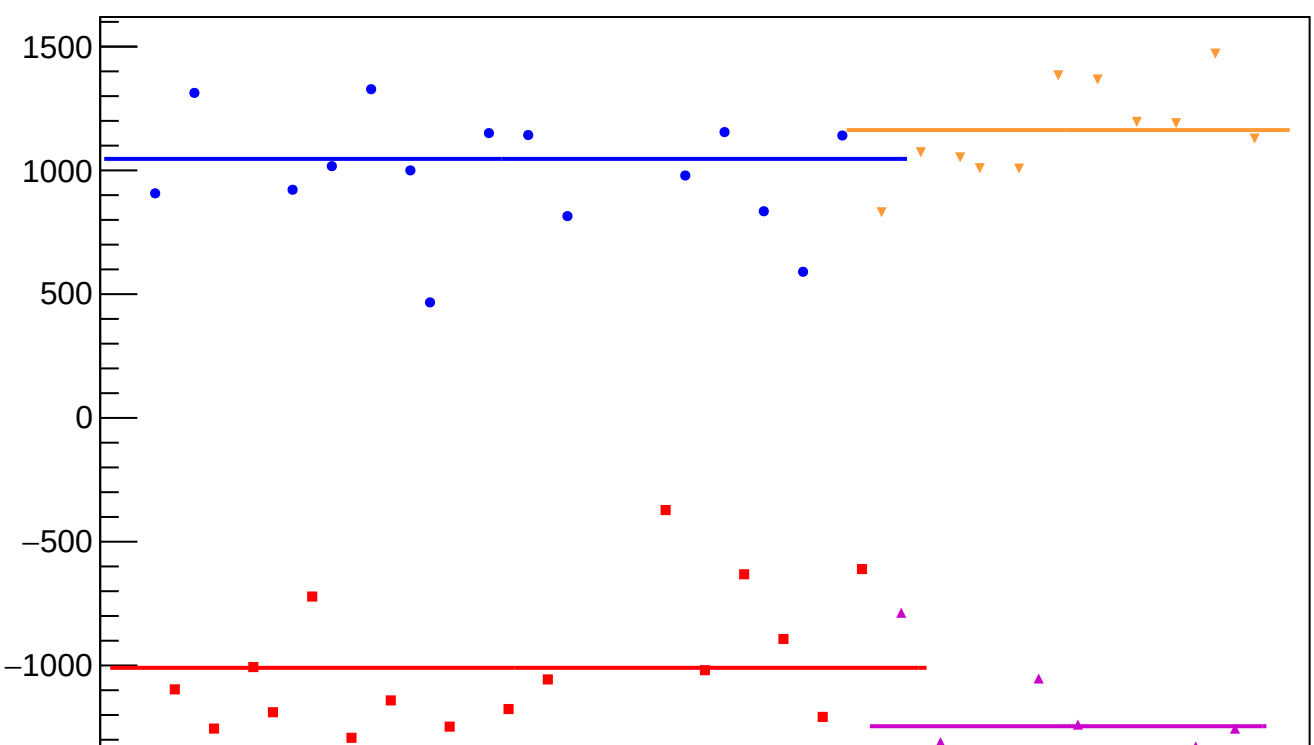
Right Out: -4.732+/-0.000 χ^2/NDF: 6856893072575211562802281426452480.0/15

Out: 2.059+/-0.000 χ^2/NDF:68289006344233891

Left In: -8.062+/-0.000 χ^2/NDF:5462992496402472545542138920697856.0/8

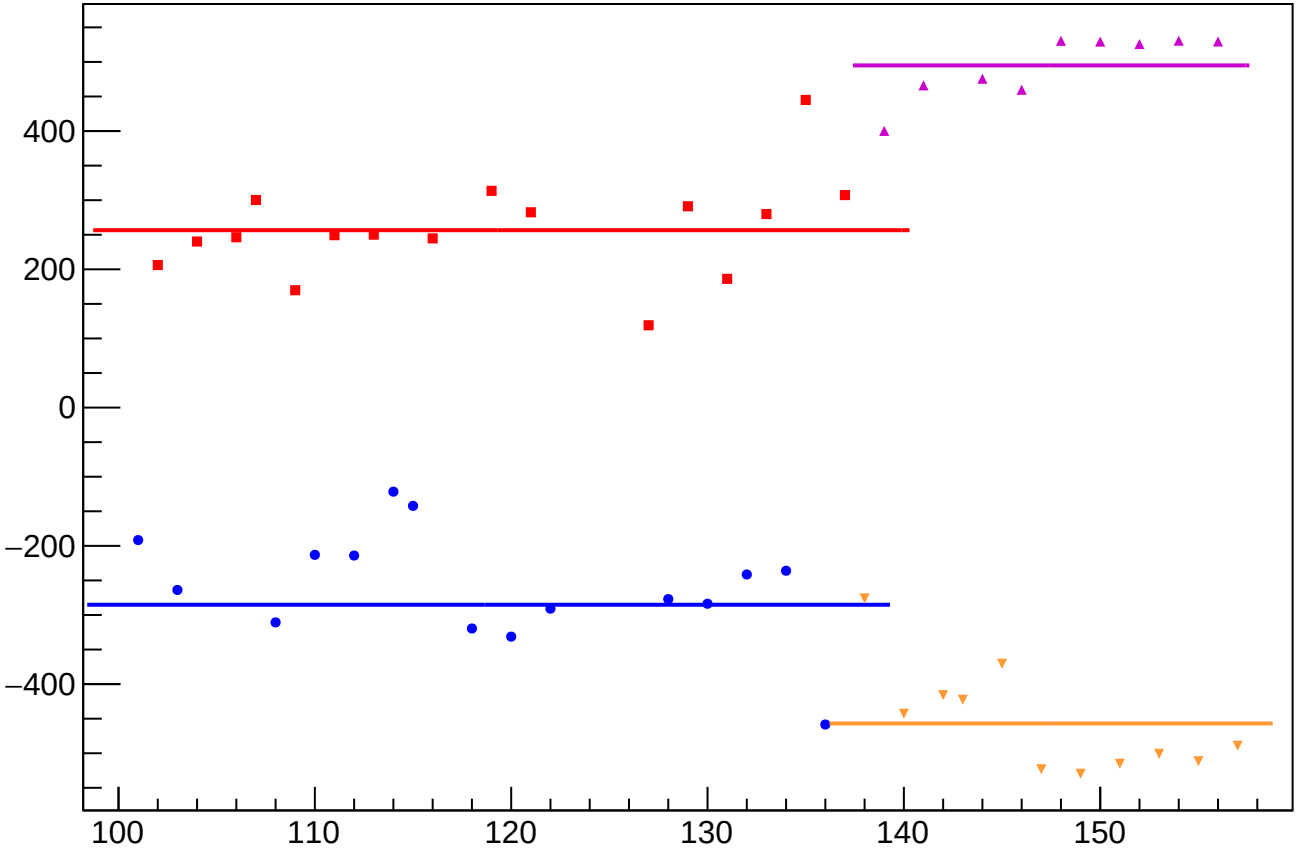
All: 0.108+/-0.000 χ^2/NDF: 1568086568896

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:1902058723651215
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:1824880513572086
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: -1.110+/-0.000 χ^2/NDF: 36945328156443864

Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14

Right: -10.589+/-0.000 χ^2/NDF: 104681795299957

Left Out: -456.907+/-0.000 χ^2/NDF:486128587519840341420509007897742 5408.0/10

In: 137.914+/-0.000 χ^2/NDF:2201513589567772 3

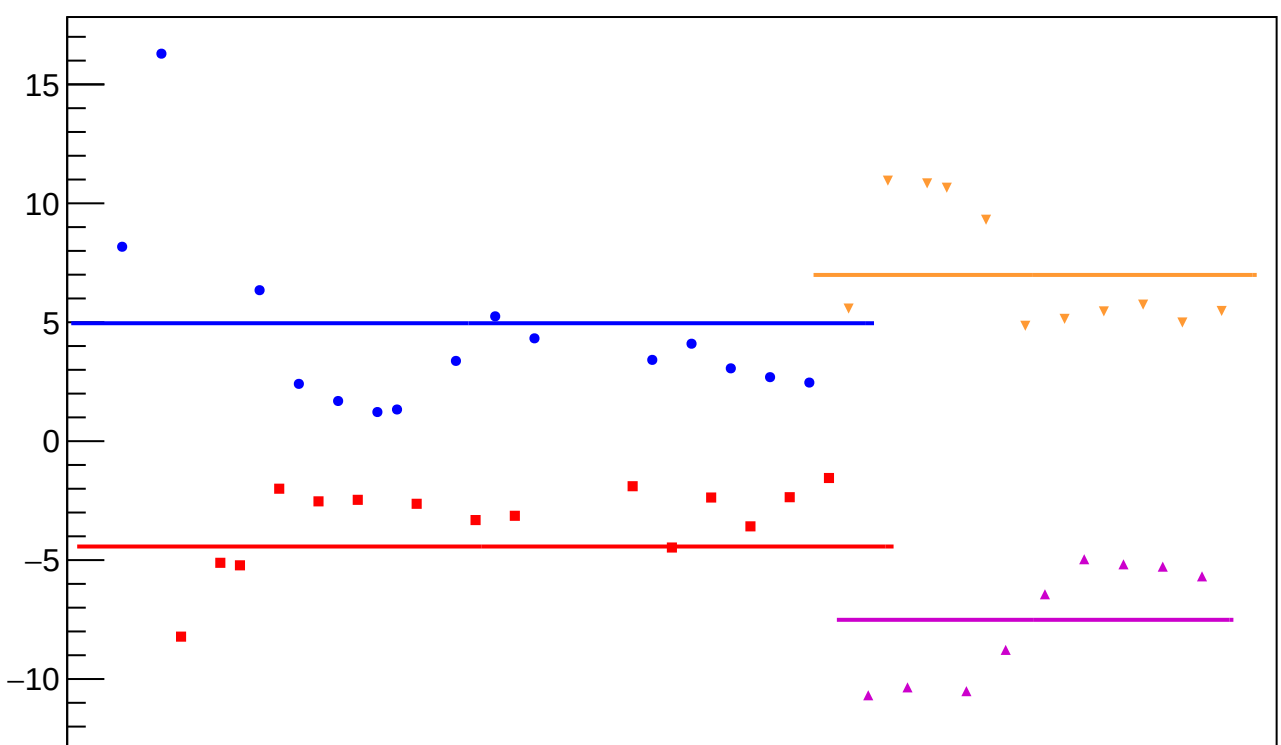
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15

Out: -140.479+/-0.000 χ^2/NDF:197482288511581

Left In: 494.991+/-0.000 χ^2/NDF:144099043506372768492685856898600140 8.0/8

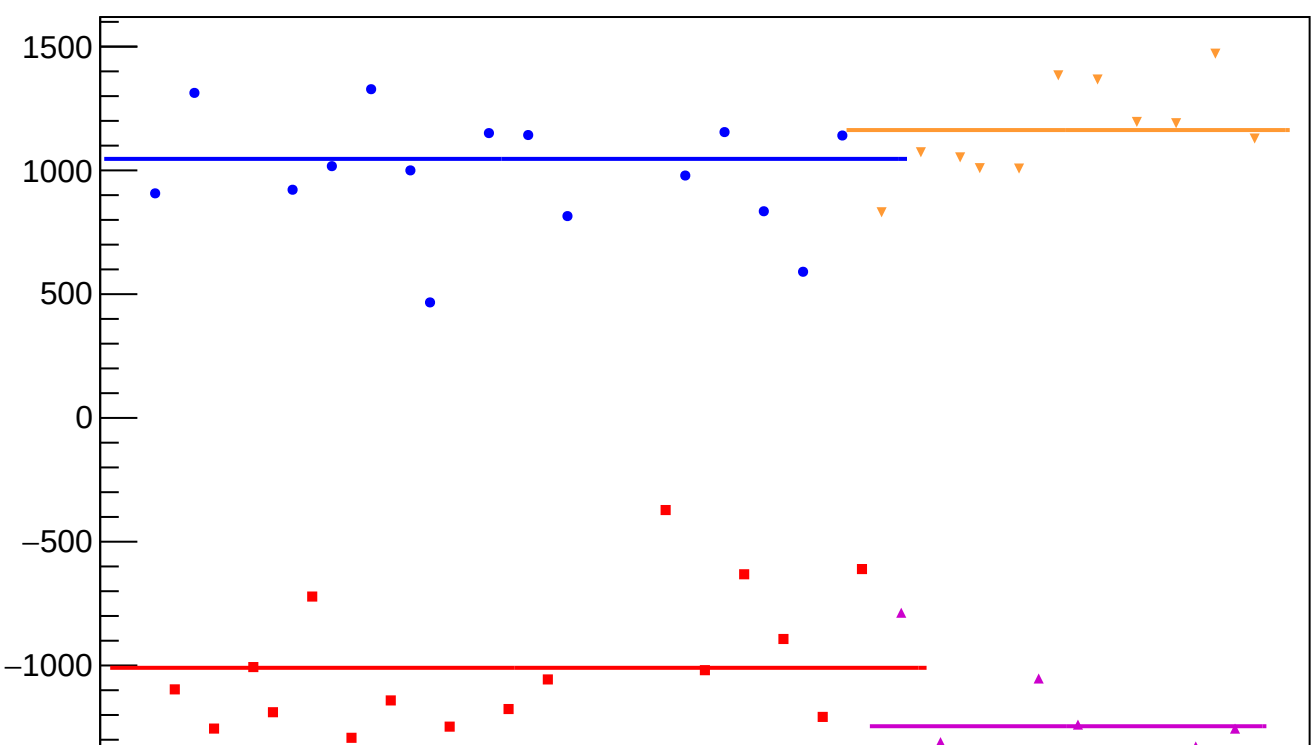
All: -5.379+/-0.000 χ^2/NDF: 4742000557124

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



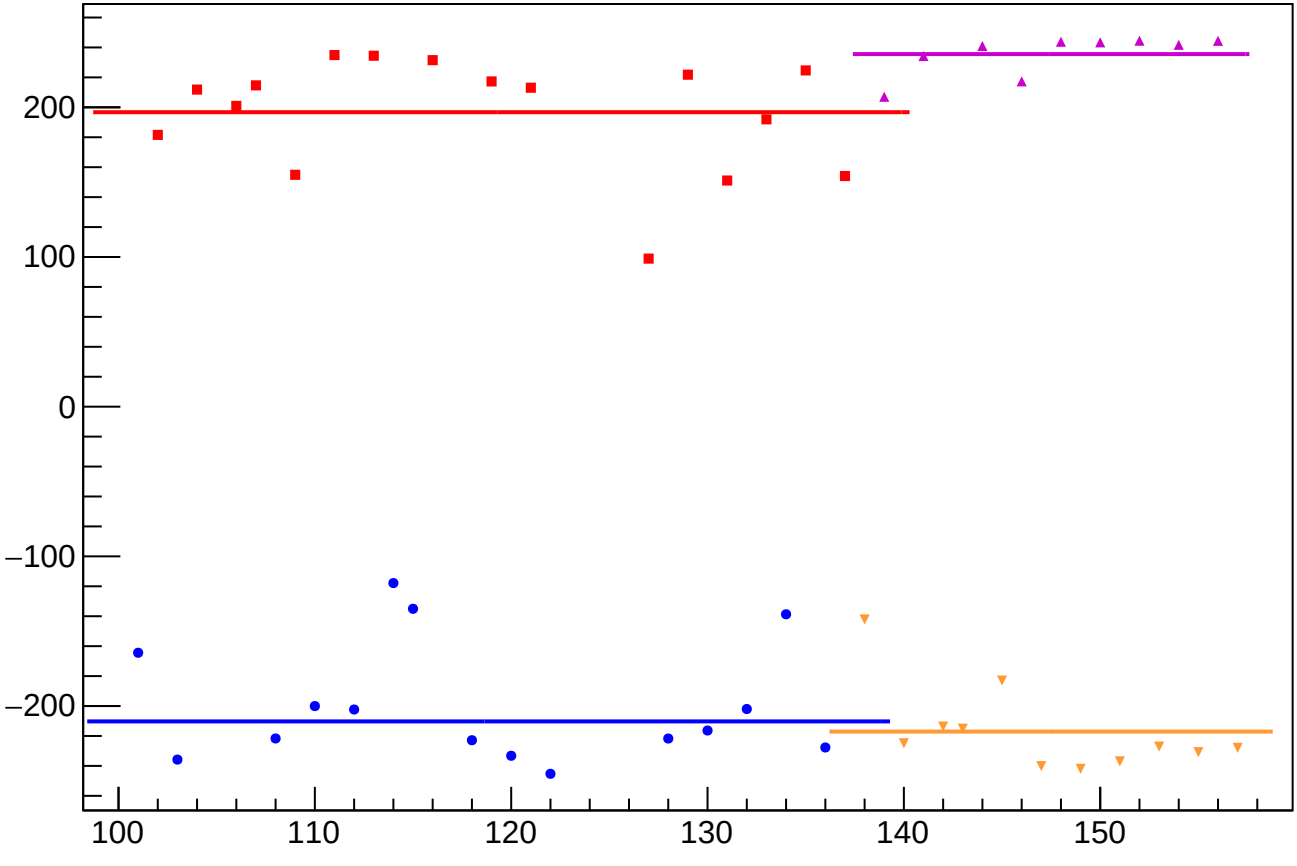
Left: 0.046+/-0.000 χ^2/NDF: 93494345297593686
Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14
Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530
Left Out: 6.989+/-0.000 χ^2/NDF:4920590834685284329815806050304000.0/10
In: -1.804+/-0.000 χ^2/NDF:69500455814509962 5
Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15
Out: 1.926+/-0.000 χ^2/NDF:6168731802857569 22
Left In: -7.511+/-0.000 χ^2/NDF:4306842592398393986816719810723840.0/8
All: 0.116+/-0.000 χ^2/NDF: 1413379269833 0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:1902058723651215
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:1824880513572086
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14

Left Out: -217.060+/-0.000 χ^2/NDF:694637442687671614023973344076890112.0/10

Right Out: 196.736+/-0.000 χ^2/NDF: 909588895093044840633640514790359040.0/15

Left In: 235.563+/-0.000 χ^2/NDF:1240804382960070633705578109096427 52.0/8

Left: -0.331+/-0.000 χ^2/NDF: 82925616513160671

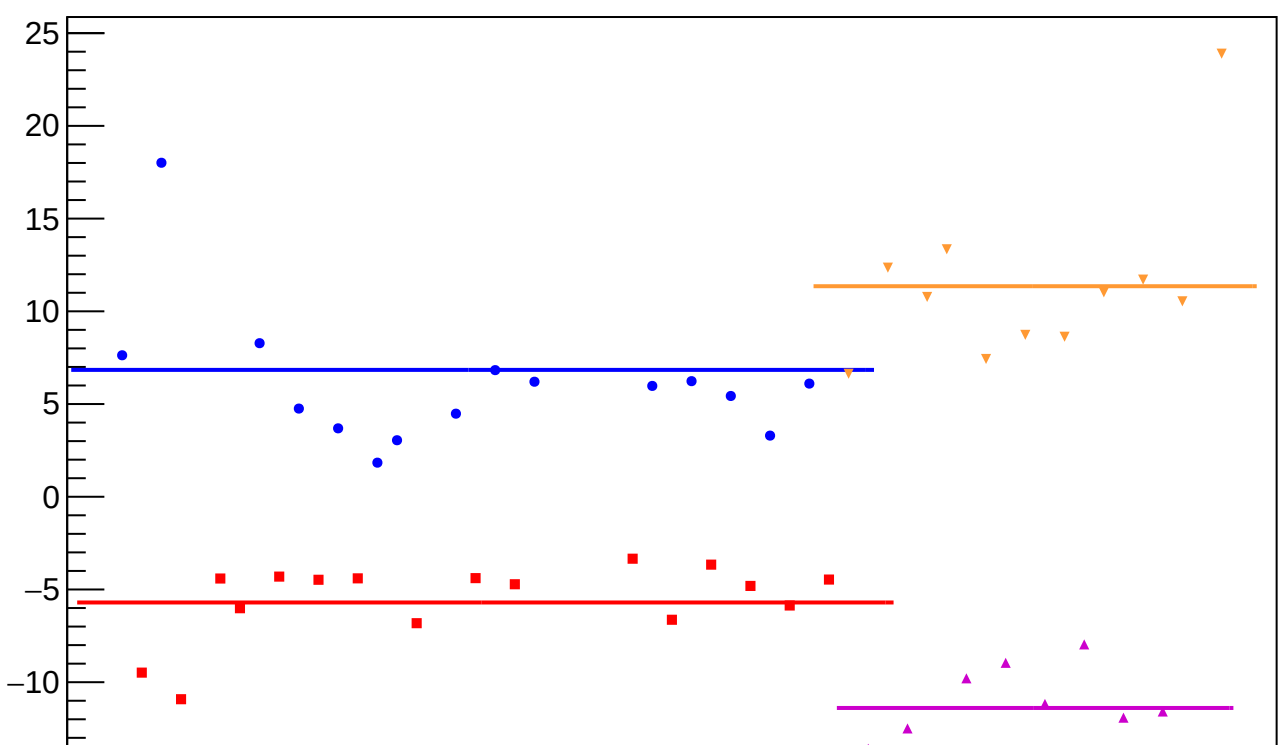
Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263

In: 31.515+/-0.000 χ^2/NDF:706475122317076547

Out: -33.548+/-0.000 χ^2/NDF:6516316122775868

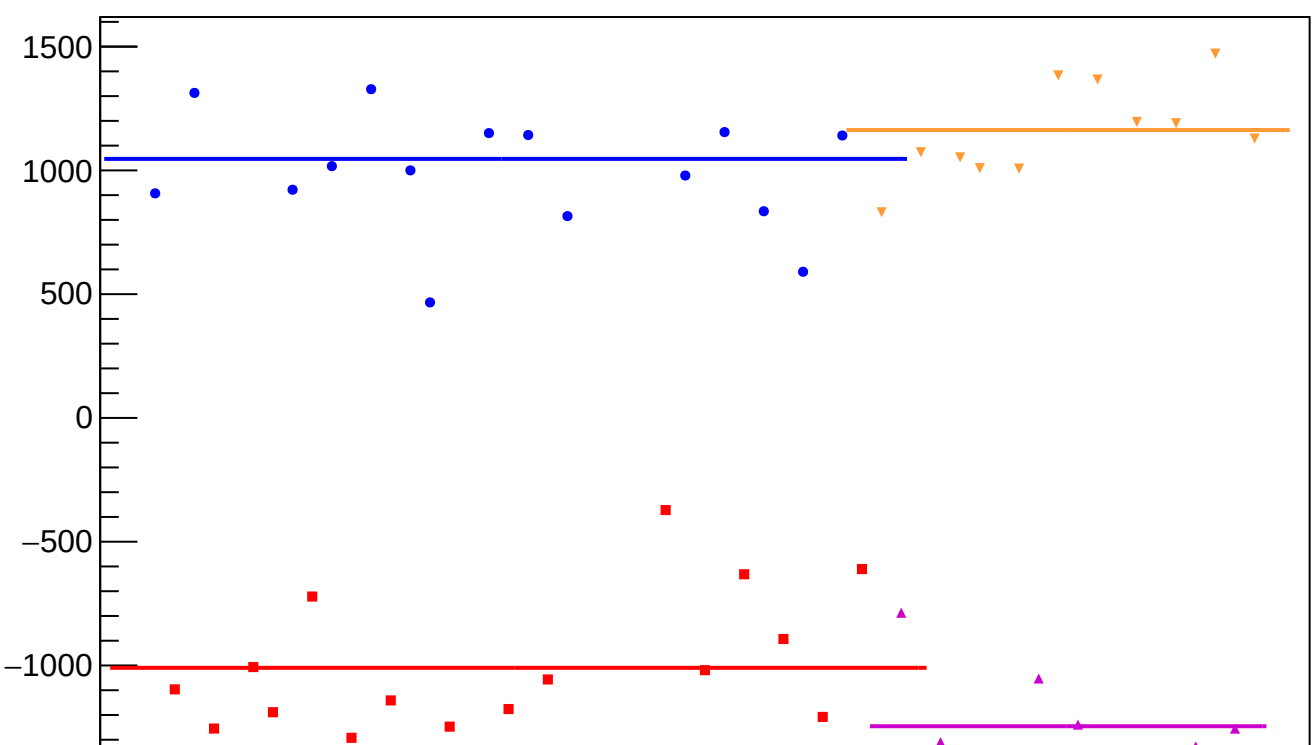
All: -1.974+/-0.000 χ^2/NDF: 1389003311672

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



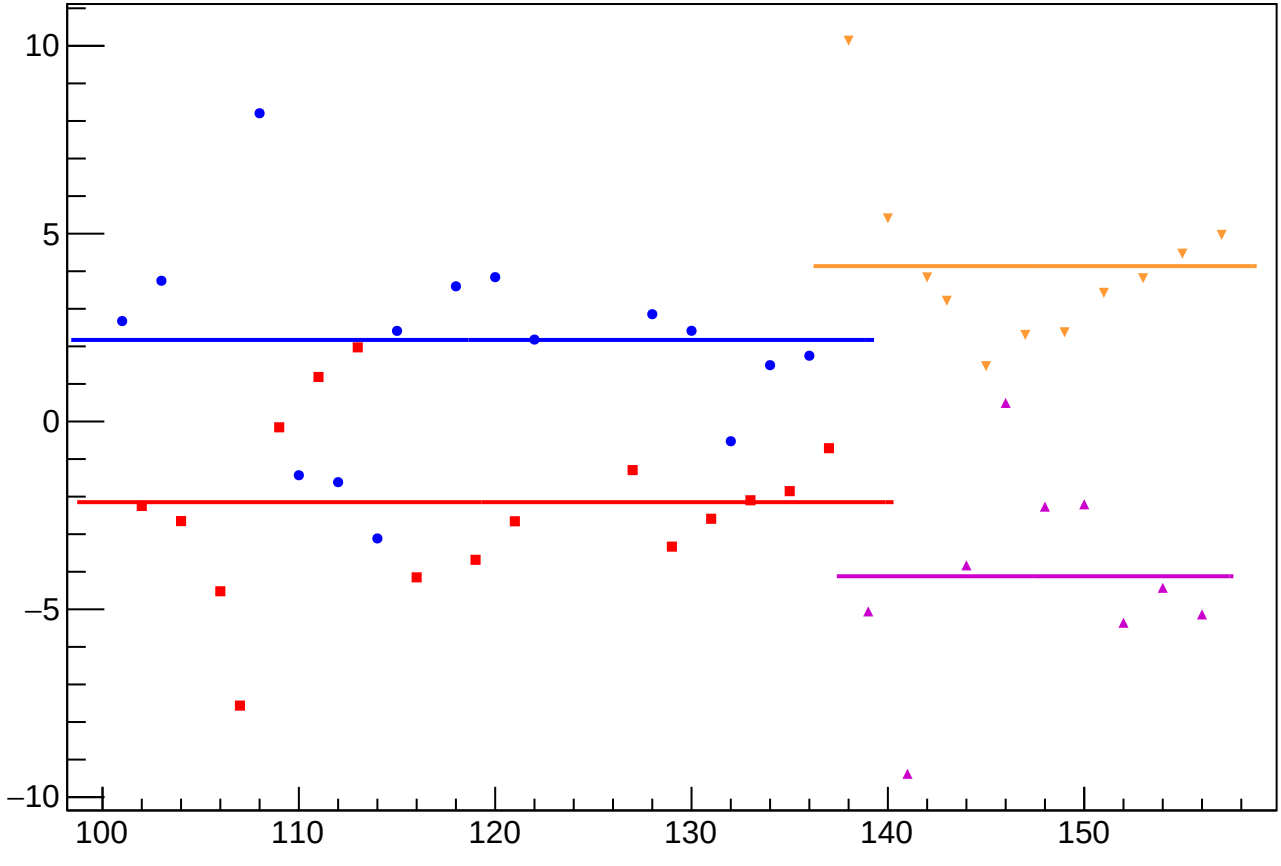
Left: 0.463+/-0.000 χ^2/NDF: 22805945258231971
Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0.0/14
Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291
Left Out: 11.353+/-0.000 χ^2/NDF:17003204421440947695366998146940928.0/10
In: -3.045+/-0.000 χ^2/NDF:13009681418563372 8
Right Out: -5.701+/-0.000 χ^2/NDF: 31746933983009533931377317914869 76.0/15
Out: 3.790+/-0.000 χ^2/NDF:12814134727392127 7
Left In: -11.389+/-0.000 χ^2/NDF:37610665676199006266364009266544 64.0/8
All: 0.473+/-0.000 χ^2/NDF: 2923382332370 4

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



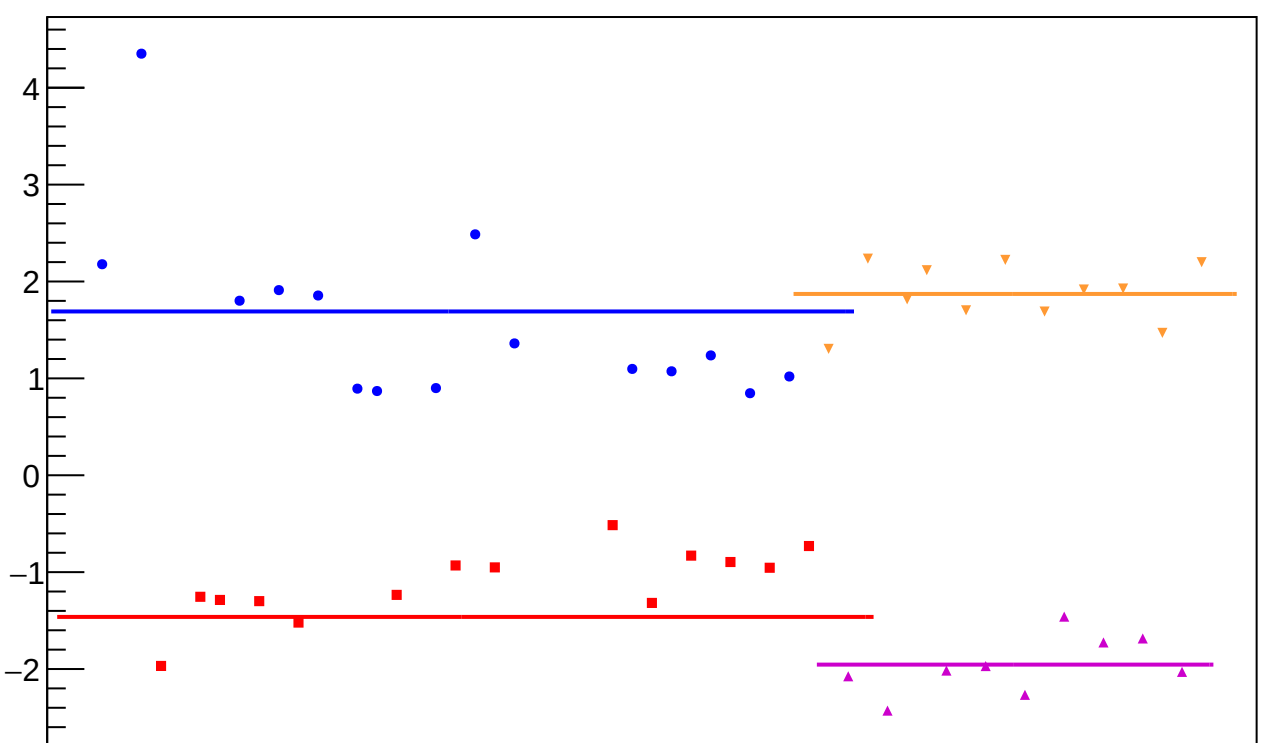
Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:190205872365121 5
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:182488051357208 6
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373 1

dit_4aY_coil1_mean vs Slug, Sign Corrected



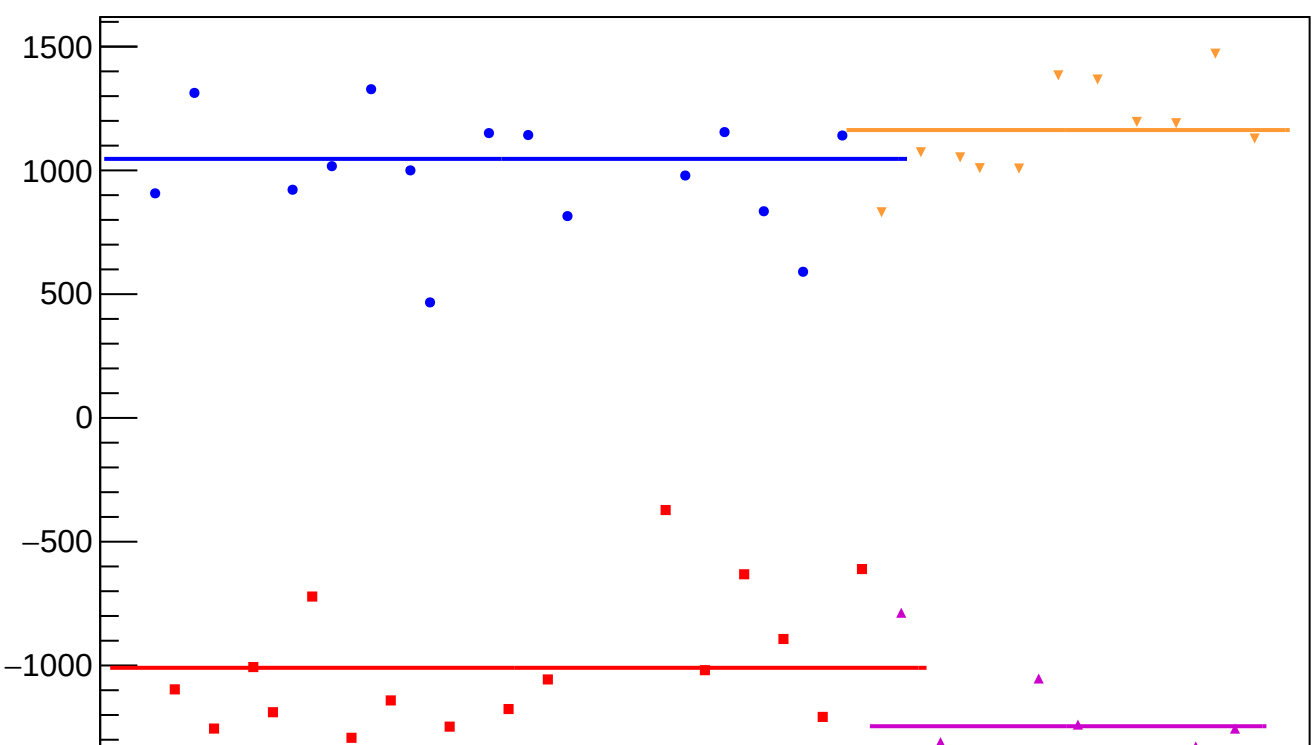
Left: 0.183+/-0.000 χ^2/NDF: 36571252302652382
Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488
Left Out: 4.136+/-0.000 χ^2/NDF:42120934472236672985738794877583 36.0/10
In: -1.240+/-0.000 χ^2/NDF:22572614459039831 7
Right Out: -2.148+/-0.000 χ^2/NDF: 30938873362393789596063219318784 00.0/15
Out: 1.349+/-0.000 χ^2/NDF:21962284597945173 1
Left In: -4.120+/-0.000 χ^2/NDF:50430330896845824379254525636116 48.0/8
All: 0.093+/-0.000 χ^2/NDF: 4942985969492 3

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



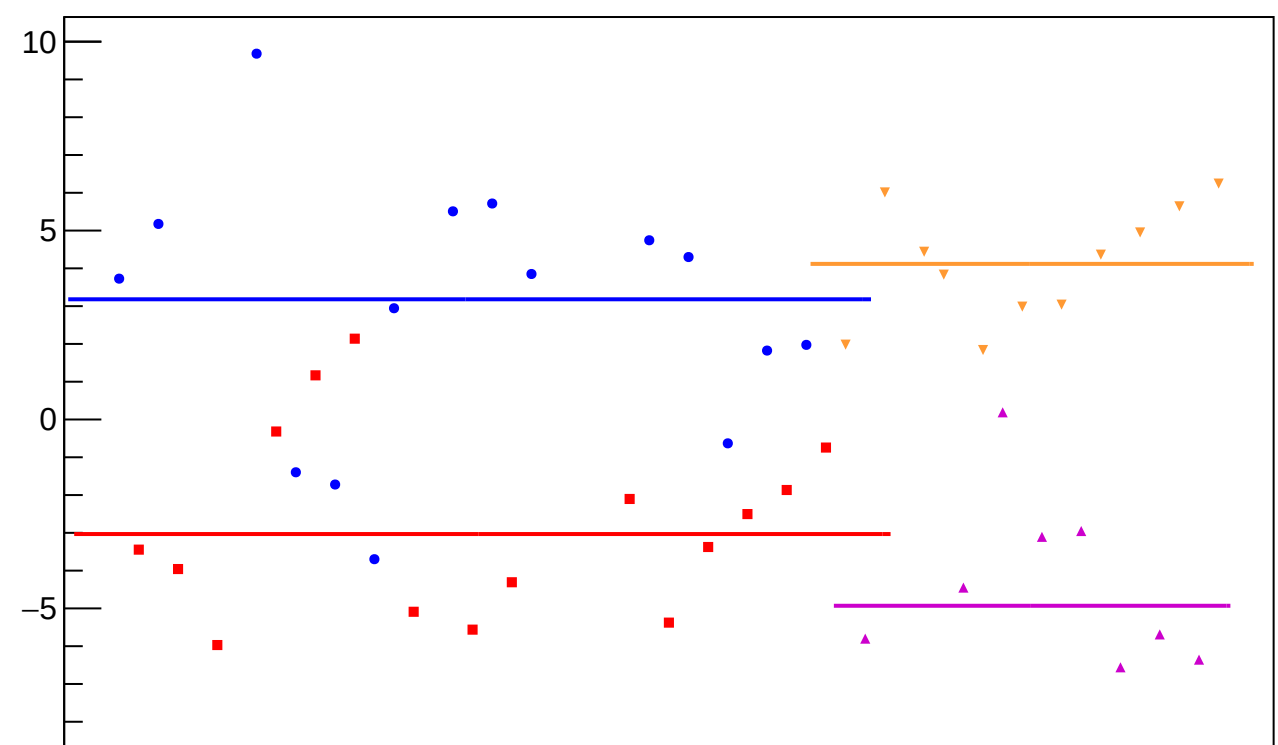
Left: 0.040+/-0.000 χ^2/NDF: 60061162524150478
Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14
Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357
Left Out: 1.872+/-0.000 χ^2/NDF:7665632863706948738947488730316 8.0/10
In: -0.286+/-0.000 χ^2/NDF:535165640153790508
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15
Out: 0.393+/-0.000 χ^2/NDF:46461138851999740 1
Left In: -1.955+/-0.000 χ^2/NDF:626704640375357136491438407680 00.0/8
All: 0.063+/-0.000 χ^2/NDF: 1033449962550 9

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
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: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:190205872365121 5
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:182488051357208 6
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373 1

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -0.214+/-0.000 χ^2/NDF: 39986385046167609

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 4.118+/-0.000 χ^2/NDF:18843012811894334574129648028876 80.0/10

In: -1.218+/-0.000 χ^2/NDF:34278956658306039 2

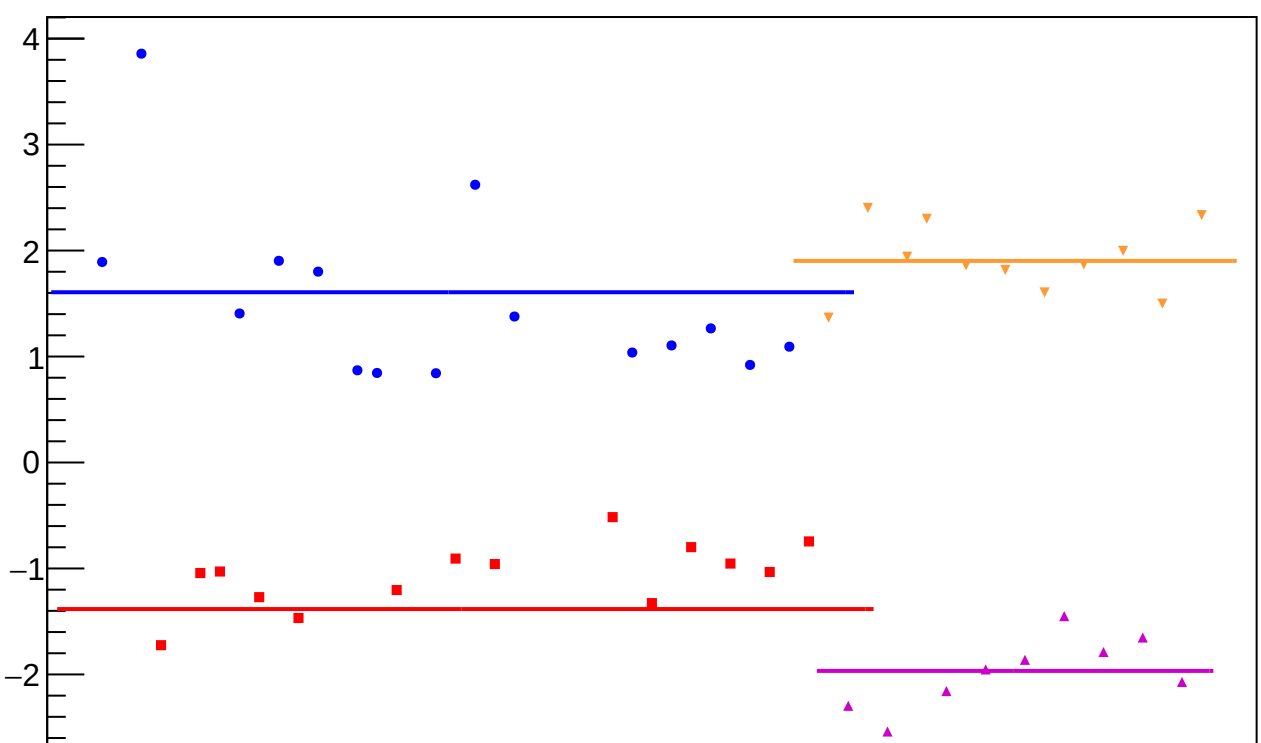
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Out: 0.947+/-0.000 χ^2/NDF:25798116069124015 9

Left In: -4.930+/-0.000 χ^2/NDF:52891880900758165793167036645376 00.0/8

All: -0.103+/-0.000 χ^2/NDF: 6349813219496

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: 0.050+/-0.000 χ^2/NDF: 61673166141732562

Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Right: 0.091+/-0.000 χ^2/NDF: 3759027904529624 7

Left Out: 1.902+/-0.000 χ^2/NDF:902452044401427043386347780833 28.0/10

In: -0.331+/-0.000 χ^2/NDF:503226454095825174

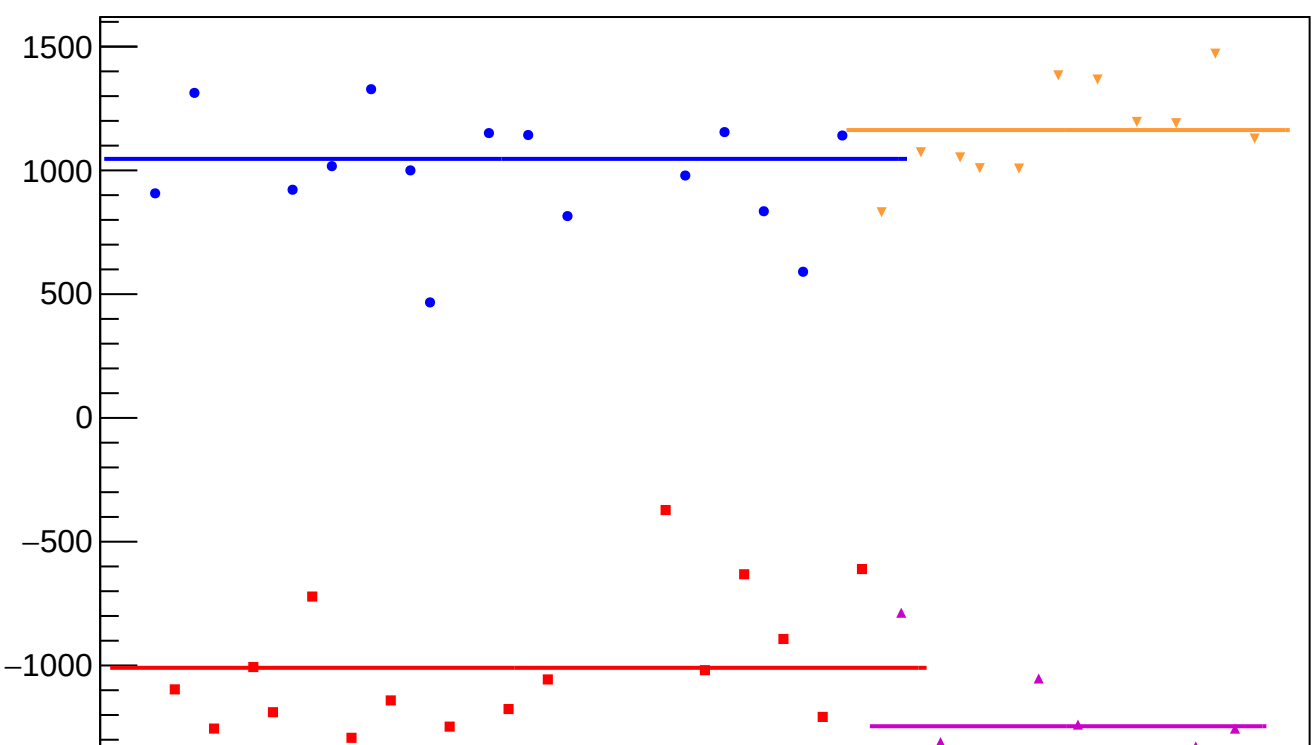
Right Out: -1.383+/-0.000 χ^2/NDF: 3583488970162862009576503377920 00.0/15

Out: 0.445+/-0.000 χ^2/NDF:44550778495528645 2

Left In: -1.967+/-0.000 χ^2/NDF:7753284488003264912077404871065 6.0/8

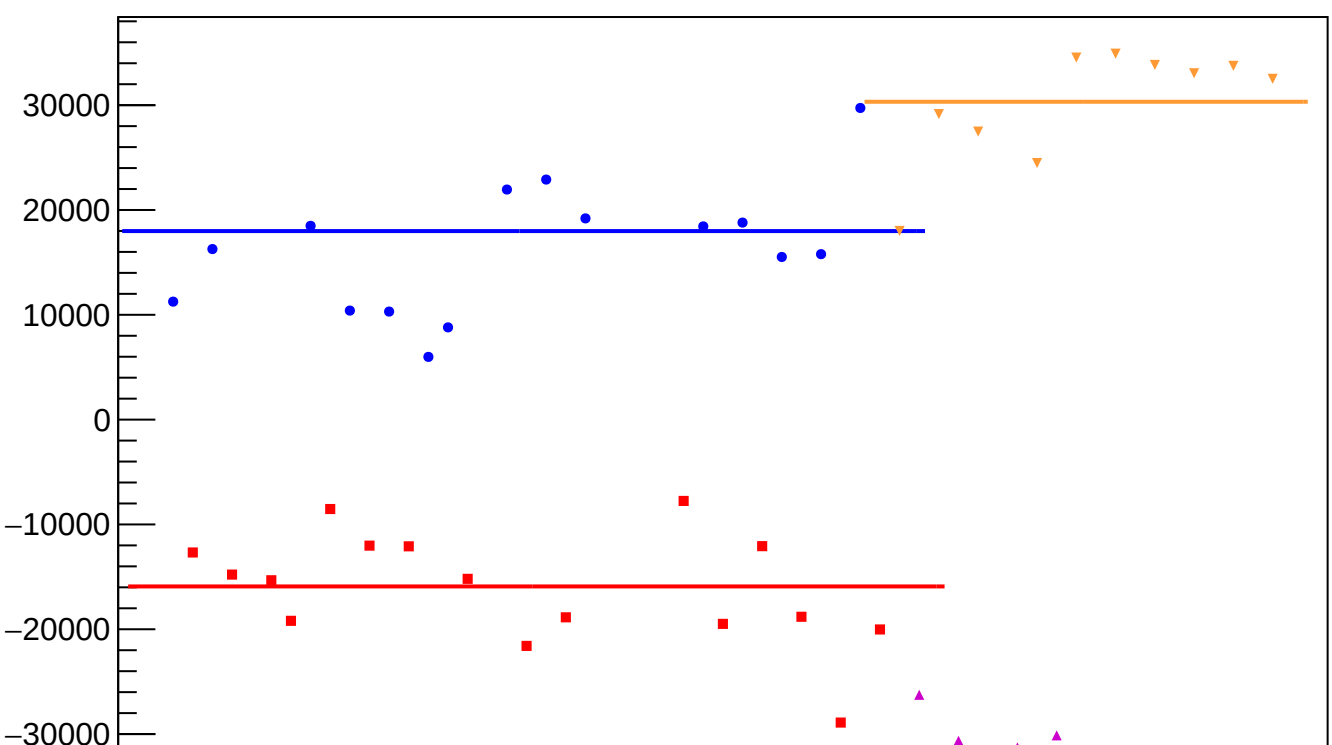
All: 0.069+/-0.000 χ^2/NDF: 9927595119542 2

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



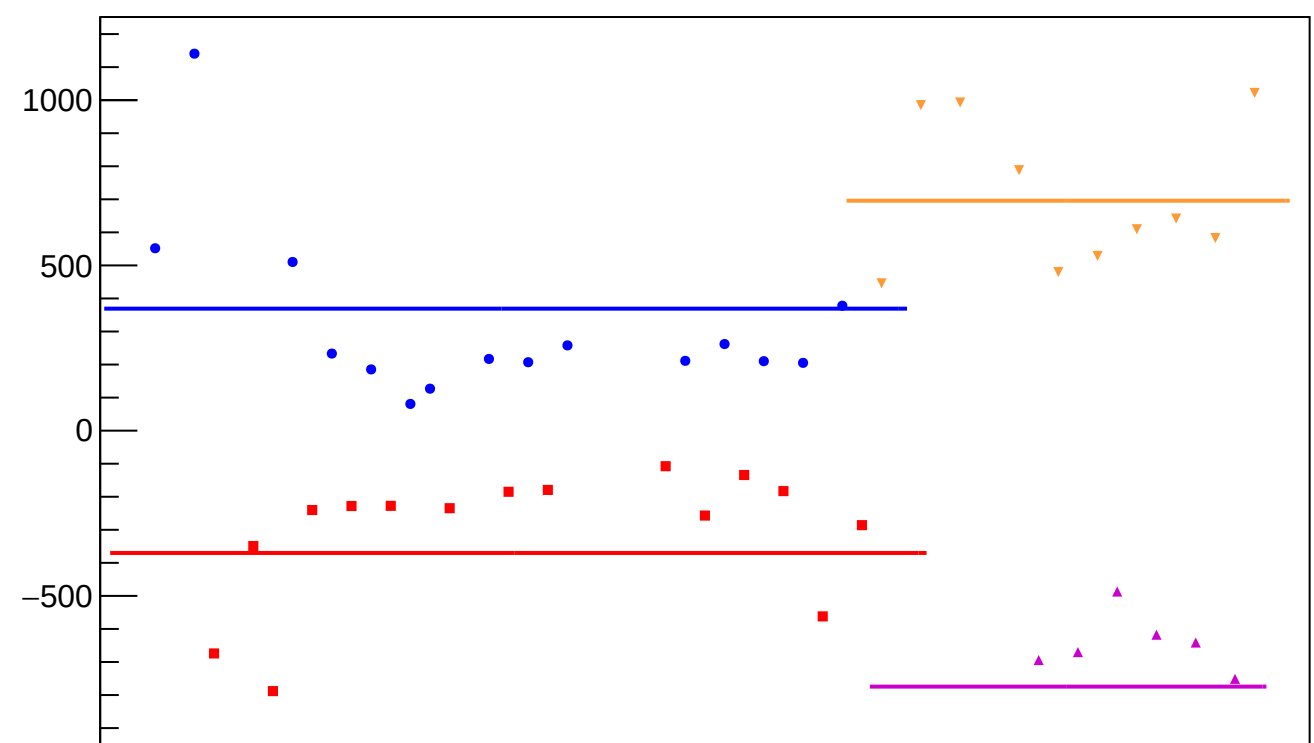
Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:1902058723651215
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:1824880513572086
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373

dit_usl_coil1_mean vs Slug, Sign Corrected



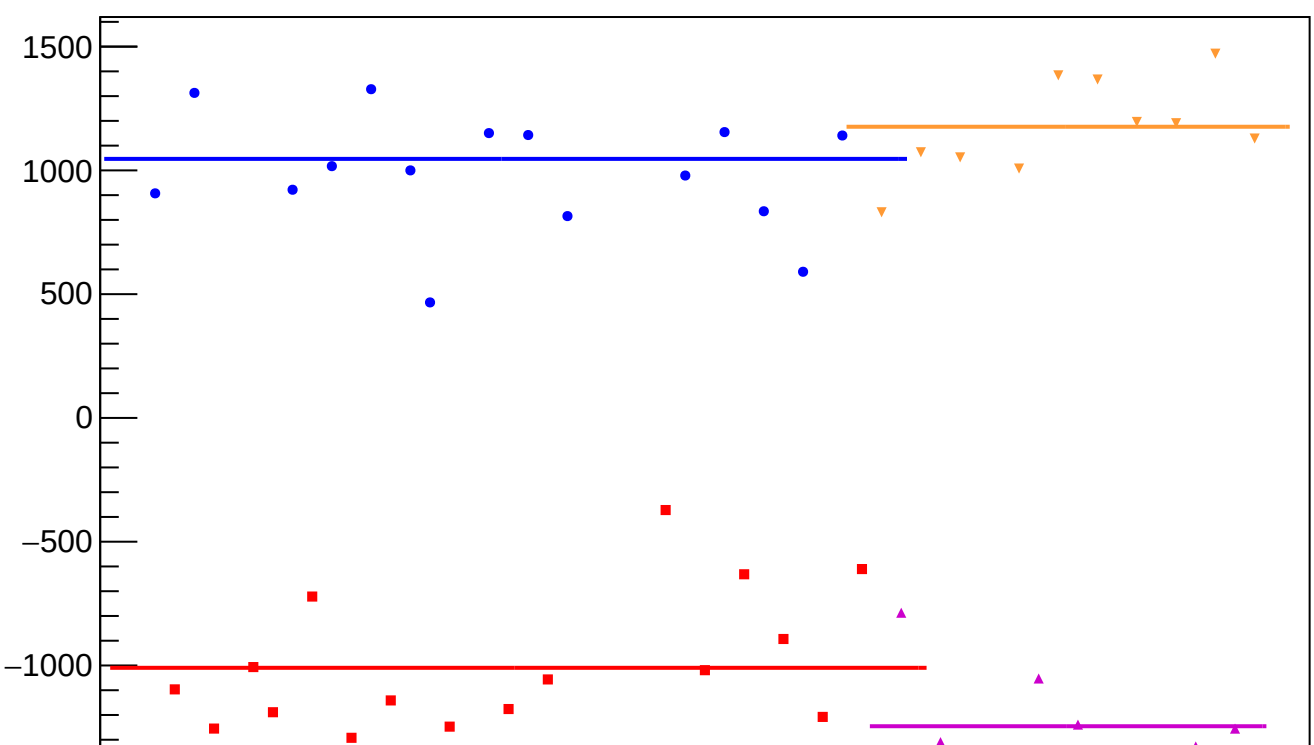
Left: -1100.266+/-0.000 χ^2/NDF: 15495467625651
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30325.933+/-0.000 χ^2/NDF:211554923716127394472432135982895910092 80.0/9
In: -9428.735+/-0.000 χ^2/NDF:930867918962583
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15
Out: 8862.569+/-0.000 χ^2/NDF:805327638118398
Left In: -32567.332+/-0.000 χ^2/NDF:648911112253792762241464754520655187 1488.0/8
All: -222.219+/-0.000 χ^2/NDF: 19749856167

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -38.851+/-0.000 χ^2/NDF: 8961334002033396
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 695.820+/-0.000 χ^2/NDF:32710848952179202564417068654298923008.0/9
In: -251.045+/-0.000 χ^2/NDF:5400730238052281
Right Out: -370.091+/-0.000 χ^2/NDF: 48214462907052107543037037125316902912.0/15
Out: 201.065+/-0.000 χ^2/NDF:486996019720817
Left In: -774.476+/-0.000 χ^2/NDF:31681574584693916092609781949033086976.0/8
All: -23.486+/-0.000 χ^2/NDF: 117295561715

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -33.778+/-0.000 χ^2/NDF: 2311695252363693

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: 1176.314+/-0.000 χ^2/NDF:2681723358183071998882475961895144652 8.0/9

In: -196.456+/-0.000 χ^2/NDF:190205872365121 5

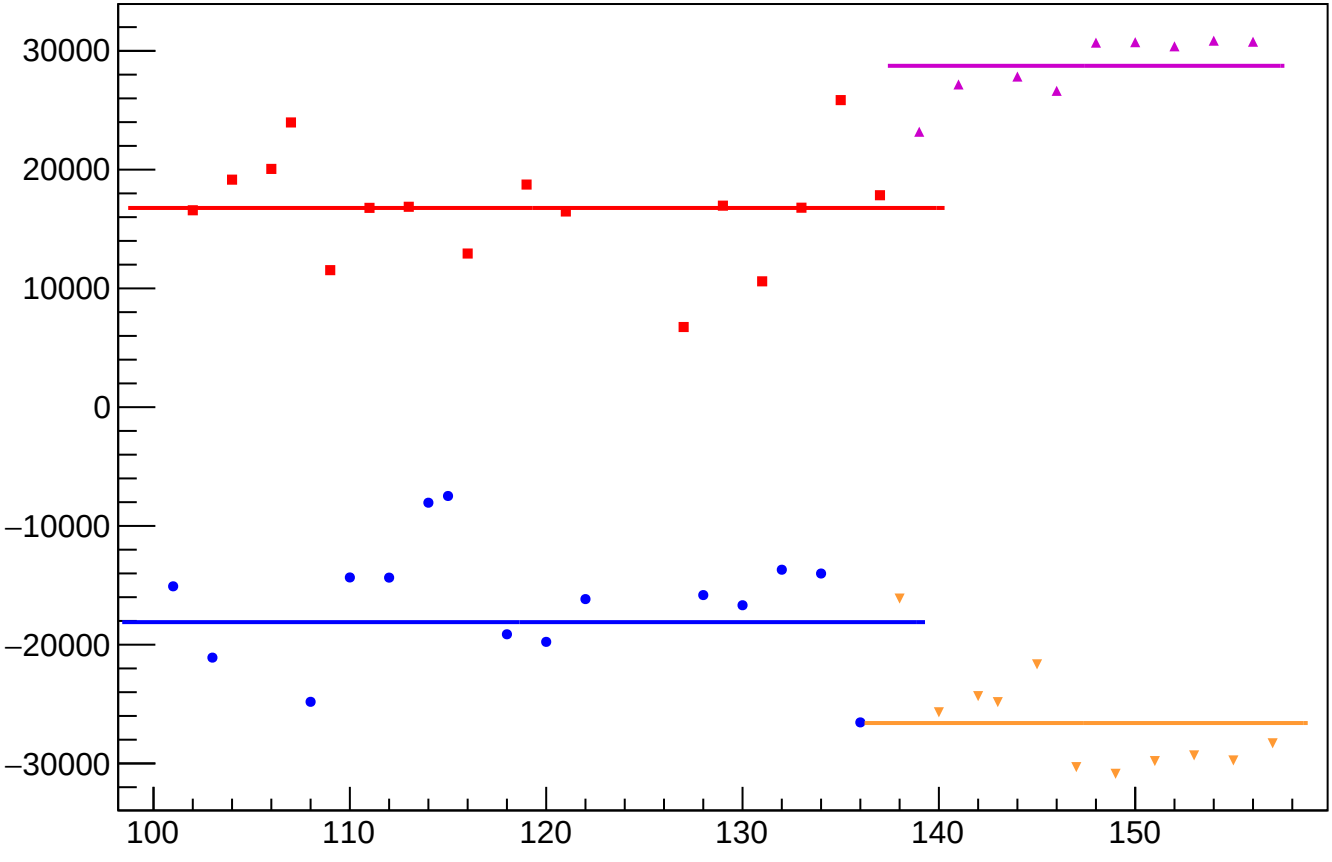
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 161.769+/-0.000 χ^2/NDF:177893516586383 2

Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8

All: -16.152+/-0.000 χ^2/NDF: 37725820317 5

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: -98.265+/-0.000 χ^2/NDF: 1248295588431589

Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Right: -425.015+/-0.000 χ^2/NDF: 4289286358261 3

Left Out: -26596.683+/-0.000 χ^2/NDF:1611102646585967913594412526746111836160 0.0/10

In: 7303.453+/-0.000 χ^2/NDF:7917521360813705

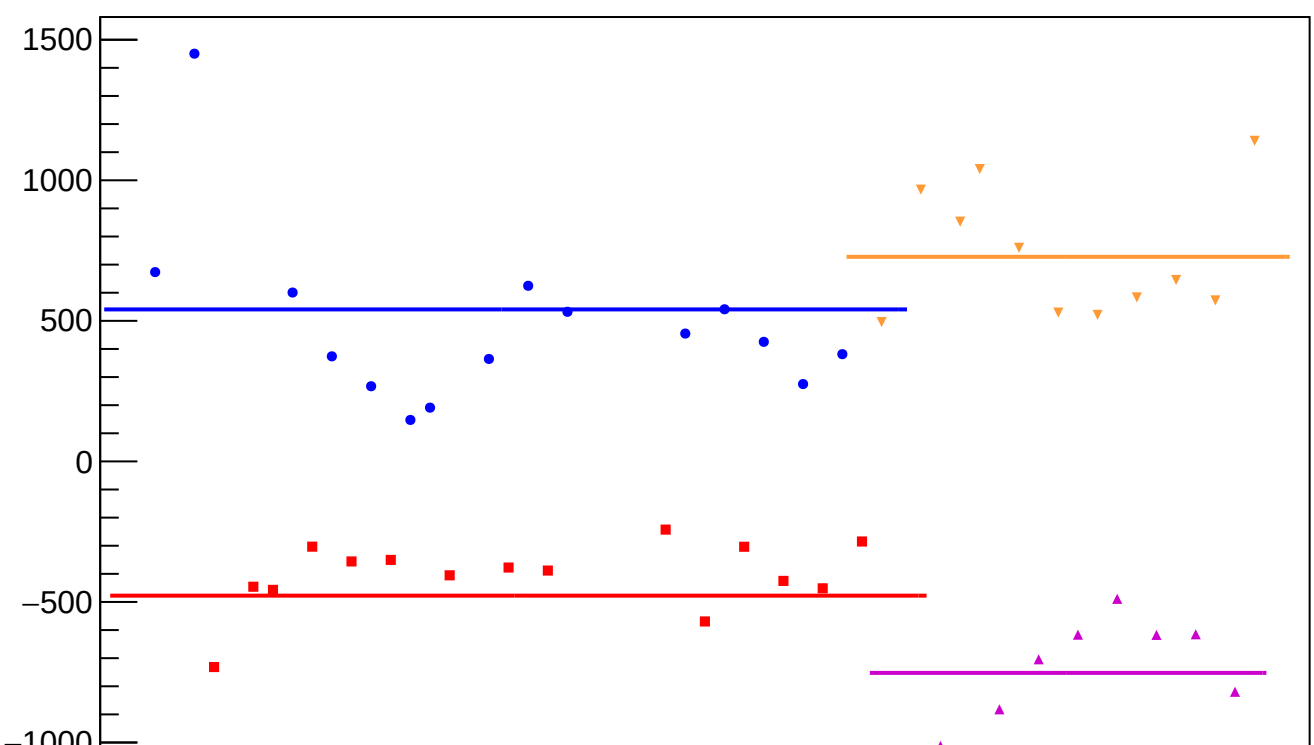
Right Out: 16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

Out: -7362.653+/-0.000 χ^2/NDF:7285587746562 6

Left In: 28743.315+/-0.000 χ^2/NDF:4789009306526769534915022028176491544576.0/8

All: -245.426+/-0.000 χ^2/NDF: 1677301447 9

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 727.801+/-0.000 χ^2/NDF:4043351935415216182672706004708229120 0.0/10

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -752.318+/-0.000 χ^2/NDF:2627904982146817568833872414346156441 6.0/8

Left: 19.077+/-0.000 χ^2/NDF: 9447226507302784 5

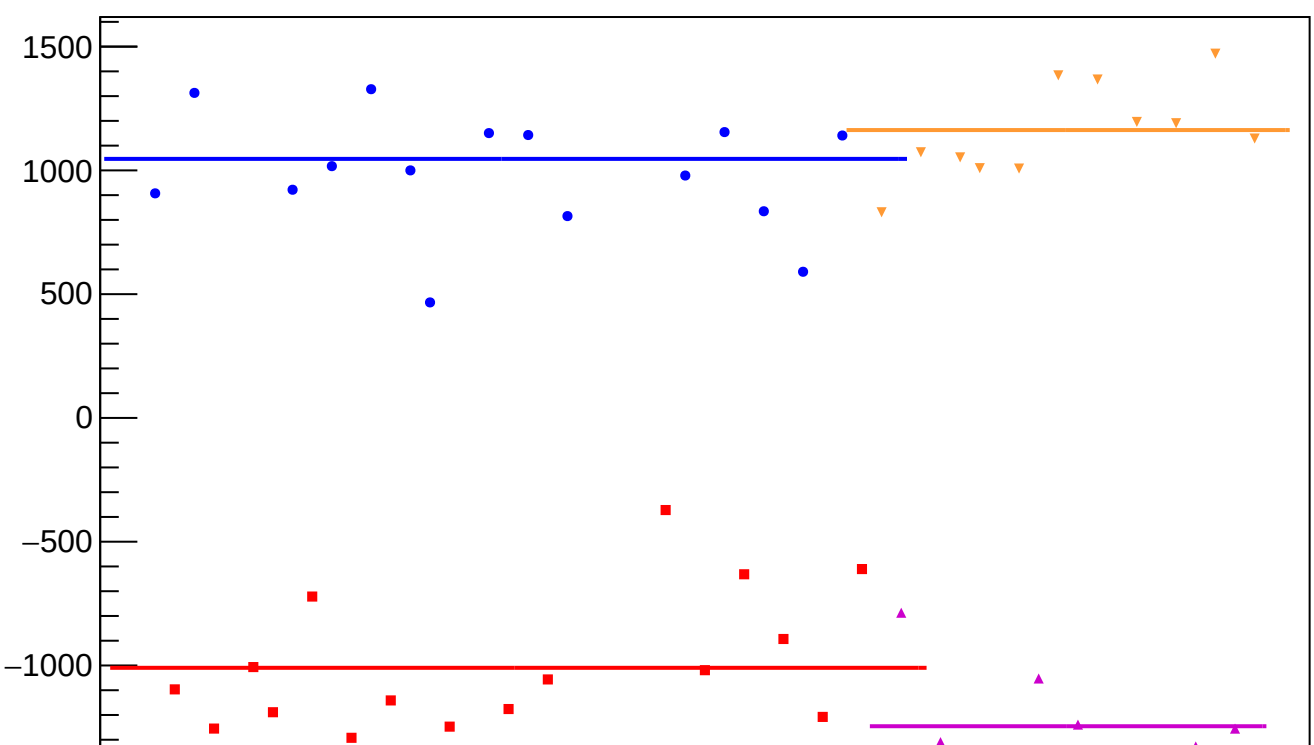
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -160.538+/-0.000 χ^2/NDF:6792338546623999

Out: 193.249+/-0.000 χ^2/NDF:6185288287768010

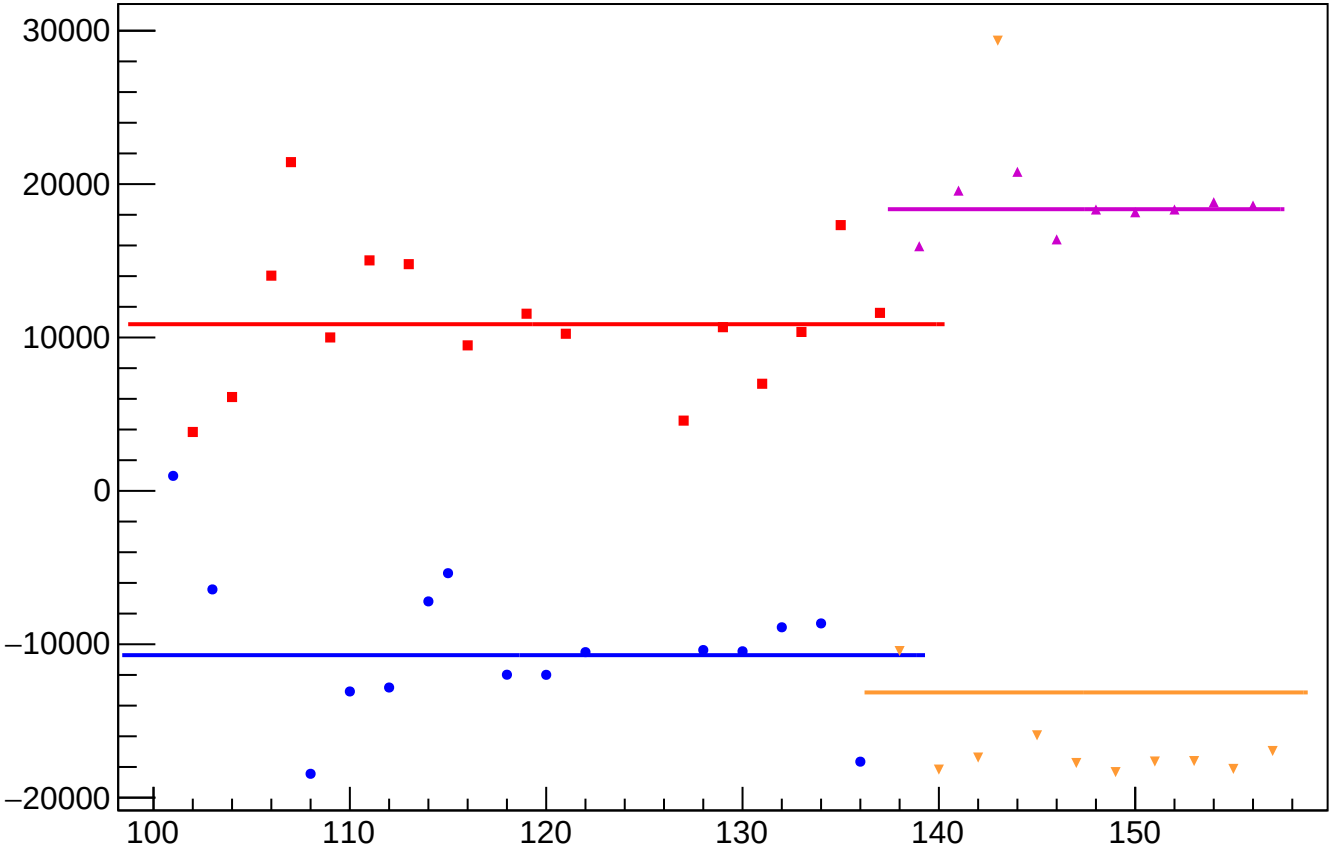
All: 21.562+/-0.000 χ^2/NDF: 1389116429576

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
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: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:190205872365121 5
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:182488051357208 6
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373 1

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 1944.788+/-0.000 χ^2/NDF: 534666259999748

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13140.546+/-0.000 χ^2/NDF:135401621172214094724588559571574488825856.0/10

In: 5057.114+/-0.000 χ^2/NDF:315938500559838 3

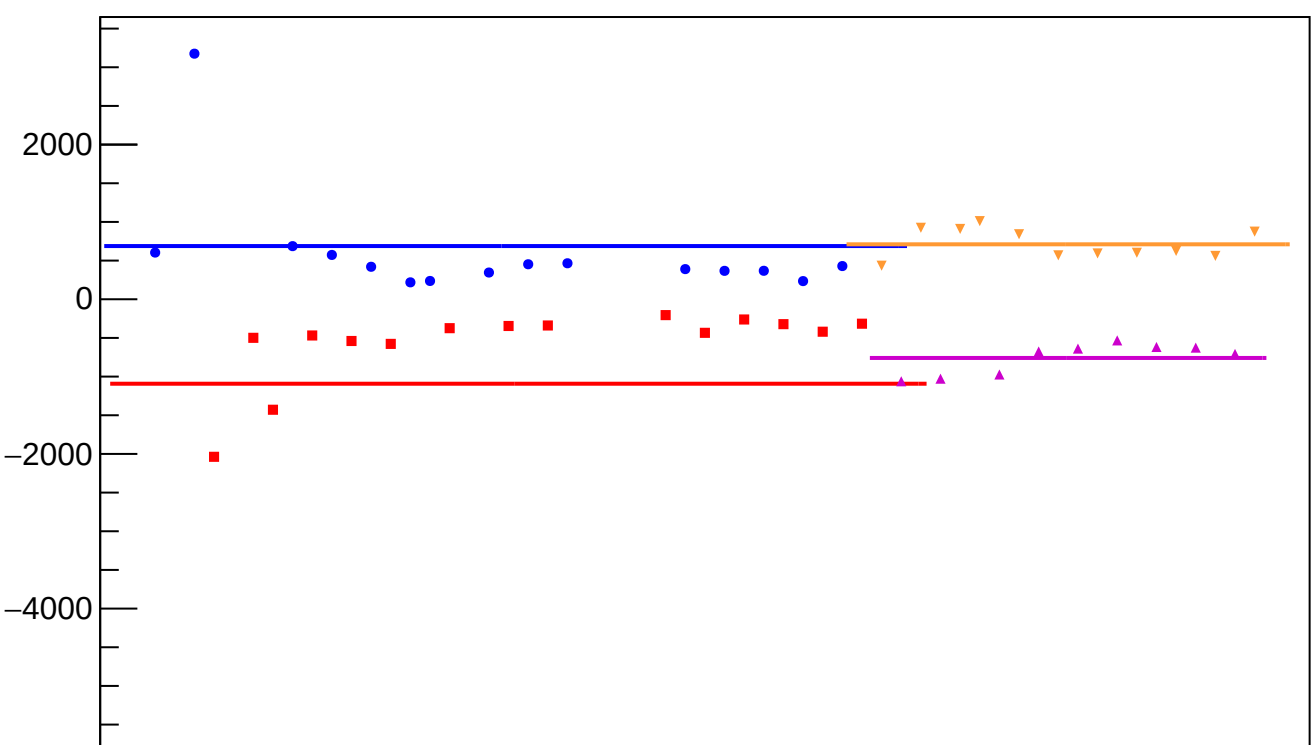
Right Out: 10866.264+/-0.000 χ^2/NDF: 142347628388583824845259016441316266475 52.0/15

Out: -2493.909+/-0.000 χ^2/NDF:36356672344269

Left In: 18364.067+/-0.000 χ^2/NDF:147399863139481104534893167010604960972 8.0/8

All: 1170.482+/-0.000 χ^2/NDF: 7211207555 7

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Left: 6.839+/-0.000 χ^2/NDF: 92026558734205775

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 710.507+/-0.000 χ^2/NDF:2712664706622049785894976713710056243 2.0/10

In: -96.783+/-0.000 χ^2/NDF:1173840084576039 4

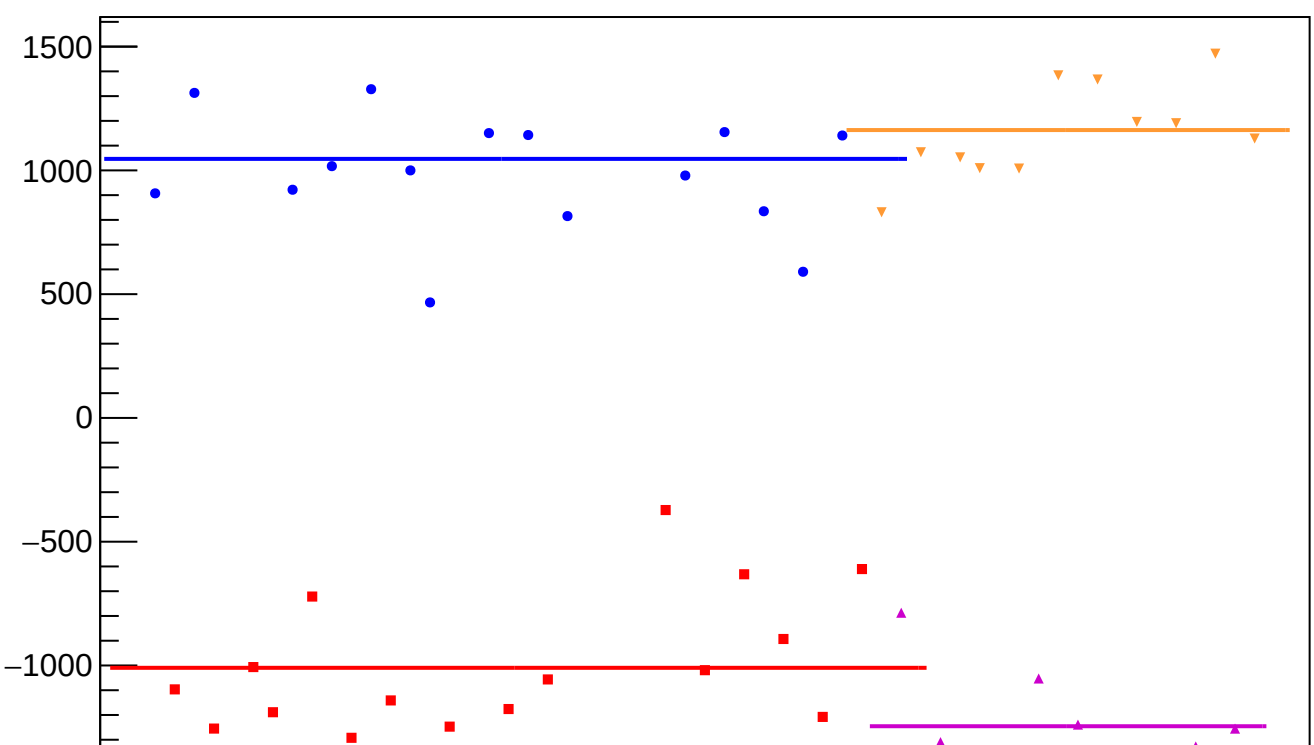
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -88.994+/-0.000 χ^2/NDF:3116706940740608

Left In: -759.051+/-0.000 χ^2/NDF:2761347208243799834929249760124600320 0.0/8

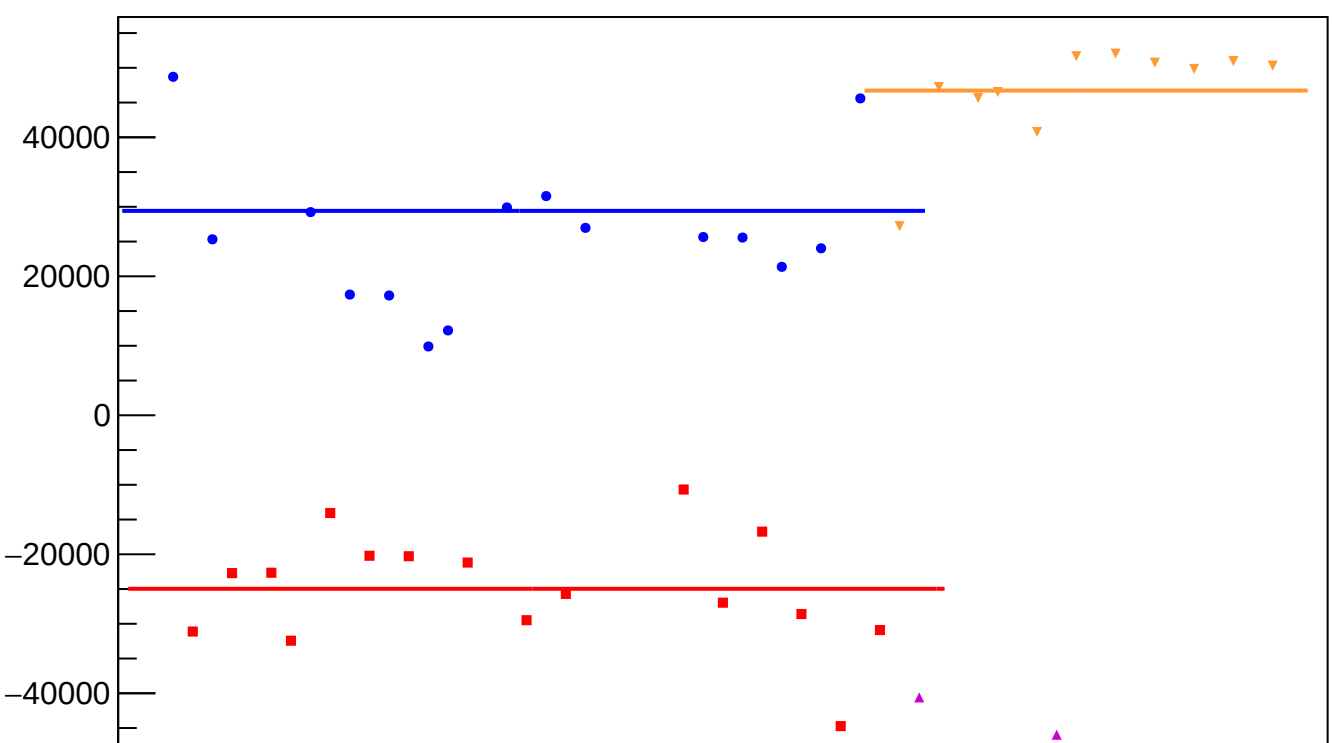
All: -92.774+/-0.000 χ^2/NDF: 429059130947

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
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: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:190205872365121 5
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:182488051357208 6
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373 1

dit_atl2_coil1_mean vs Slug, Sign Corrected



Left: 185.177+/-0.000 χ^2/NDF: 3839928805366066

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 46724.758+/-0.000 χ^2/NDF:4145299793620584150597908401263124414464 0.0/10

In: -13907.162+/-0.000 χ^2/NDF:2330274685745 0

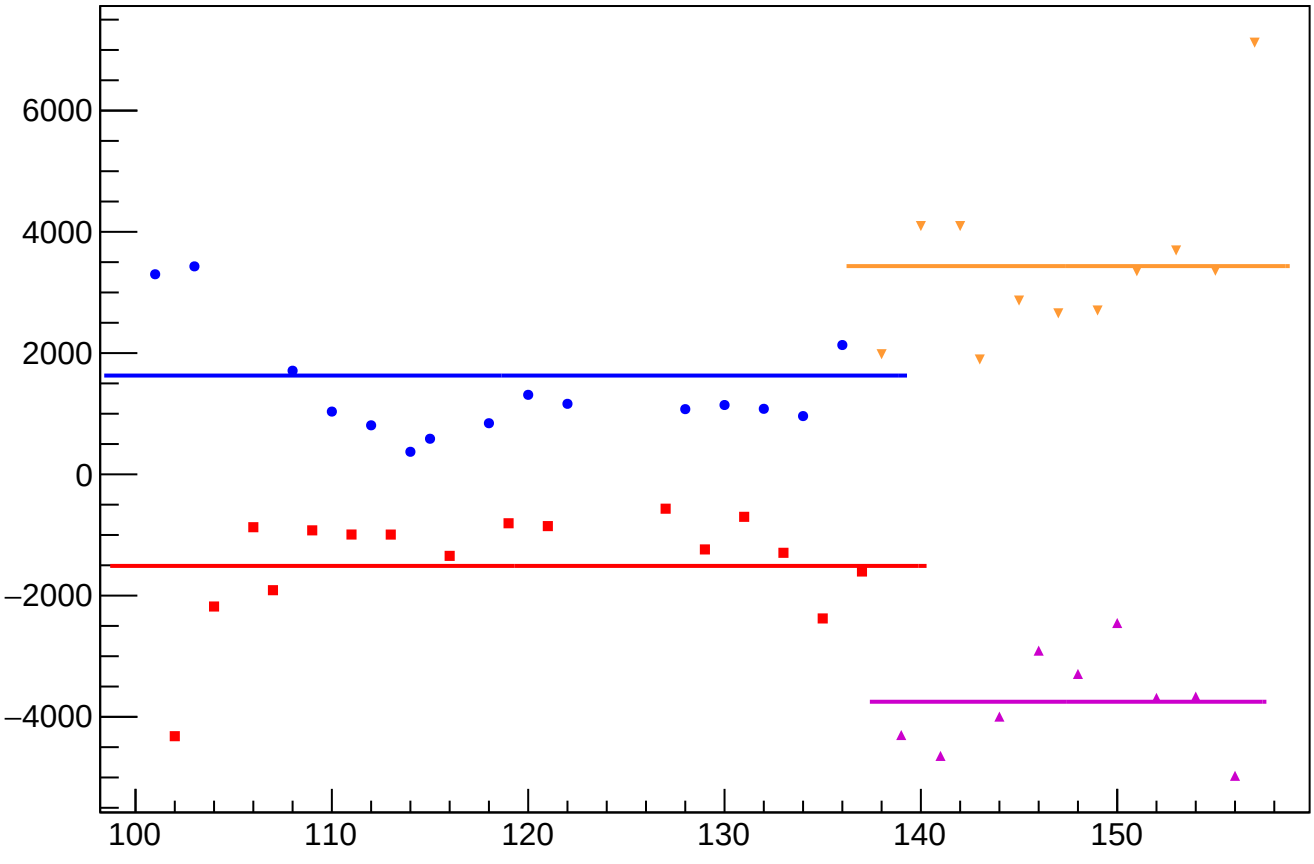
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

Out: 14932.377+/-0.000 χ^2/NDF:1994712055954 0

Left In: -50469.738+/-0.000 χ^2/NDF:1239744063027620893256866696464534654156 8.0/8

All: 937.009+/-0.000 χ^2/NDF: 4932031145 87

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Left: -5.854+/-0.000 χ^2/NDF: 22719785212799487

Right In: 1629.542+/-0.000 χ^2/NDF: 55173855535502890219469789643715221913 6.0/14

Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

Left Out: 3434.859+/-0.000 χ^2/NDF:1577814860295818885117978014575371485184.0/10

In: -1288.297+/-0.000 χ^2/NDF:11188514367052 7

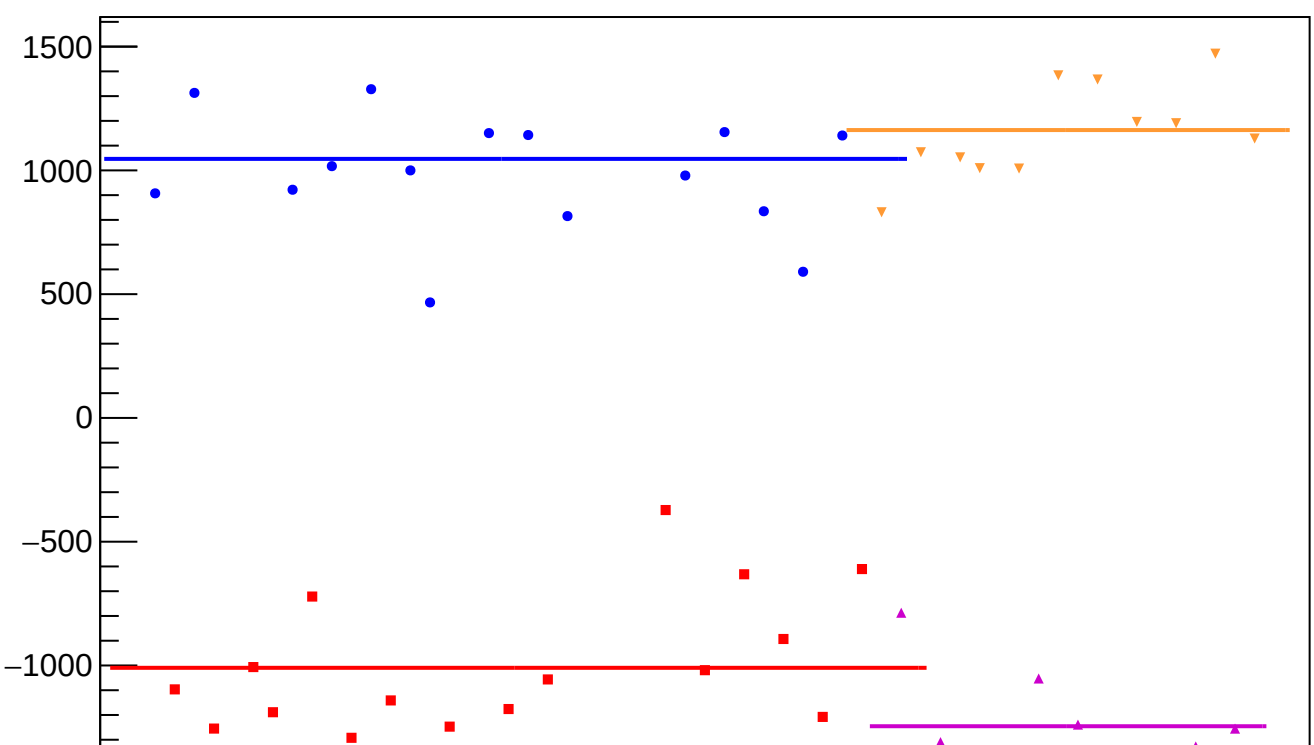
Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Out: 1241.763+/-0.000 χ^2/NDF:113434741467092

Left In: -3750.816+/-0.000 χ^2/NDF:4481122444017547009395925873394901319 68.0/8

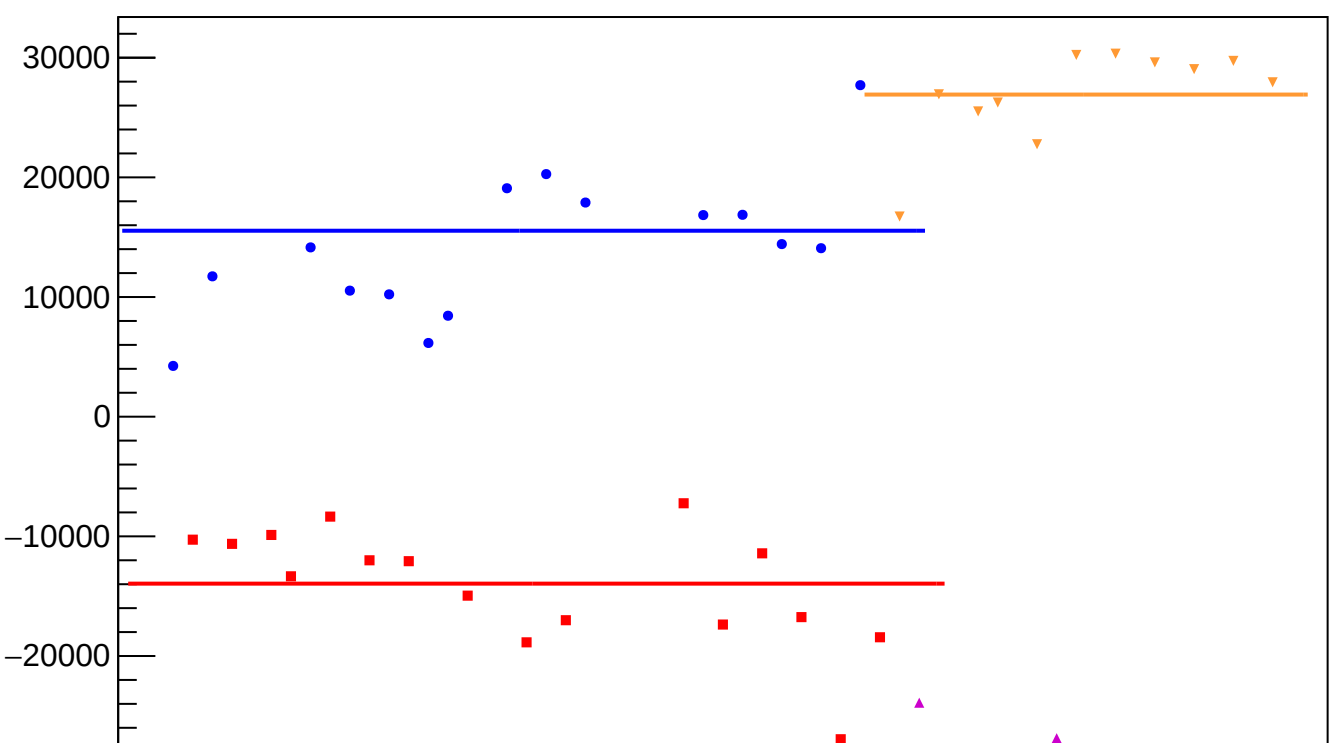
All: 13.965+/-0.000 χ^2/NDF: 2720401714843

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



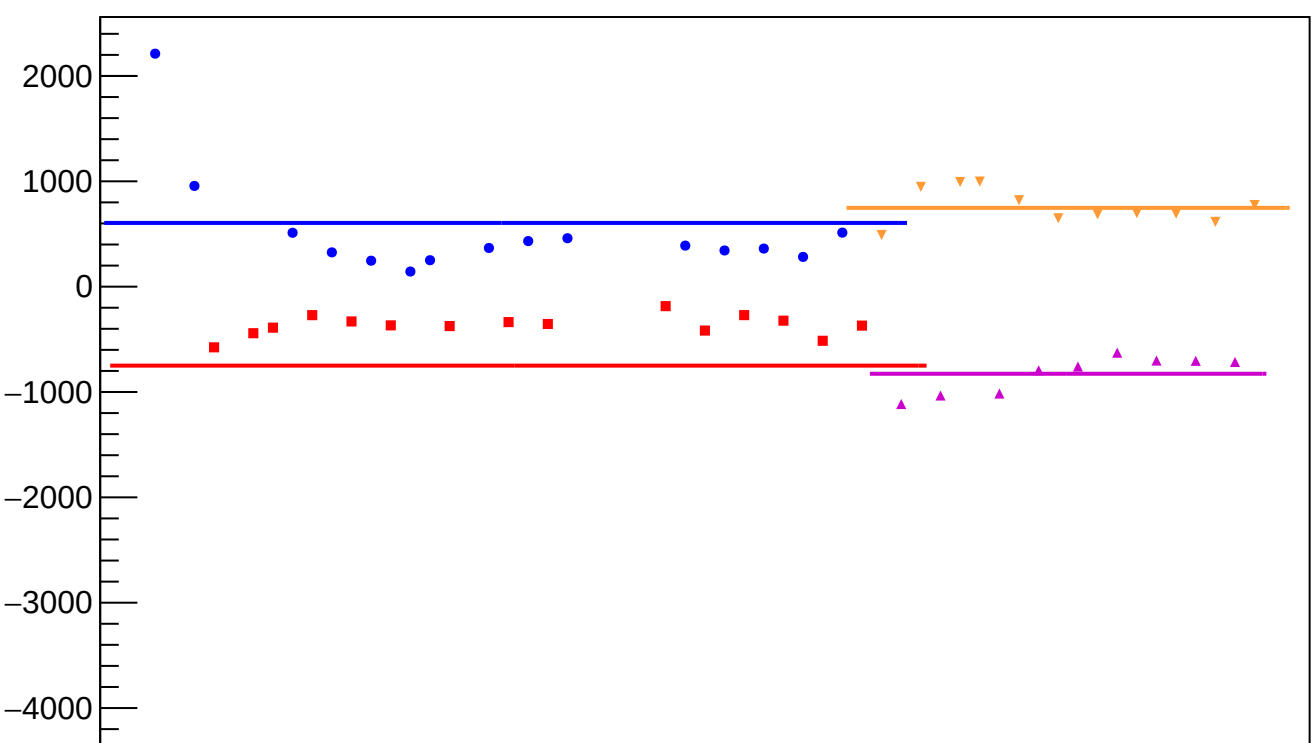
Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:190205872365121 5
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:182488051357208 6
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373 1

dit_atr1_coil1_mean vs Slug, Sign Corrected



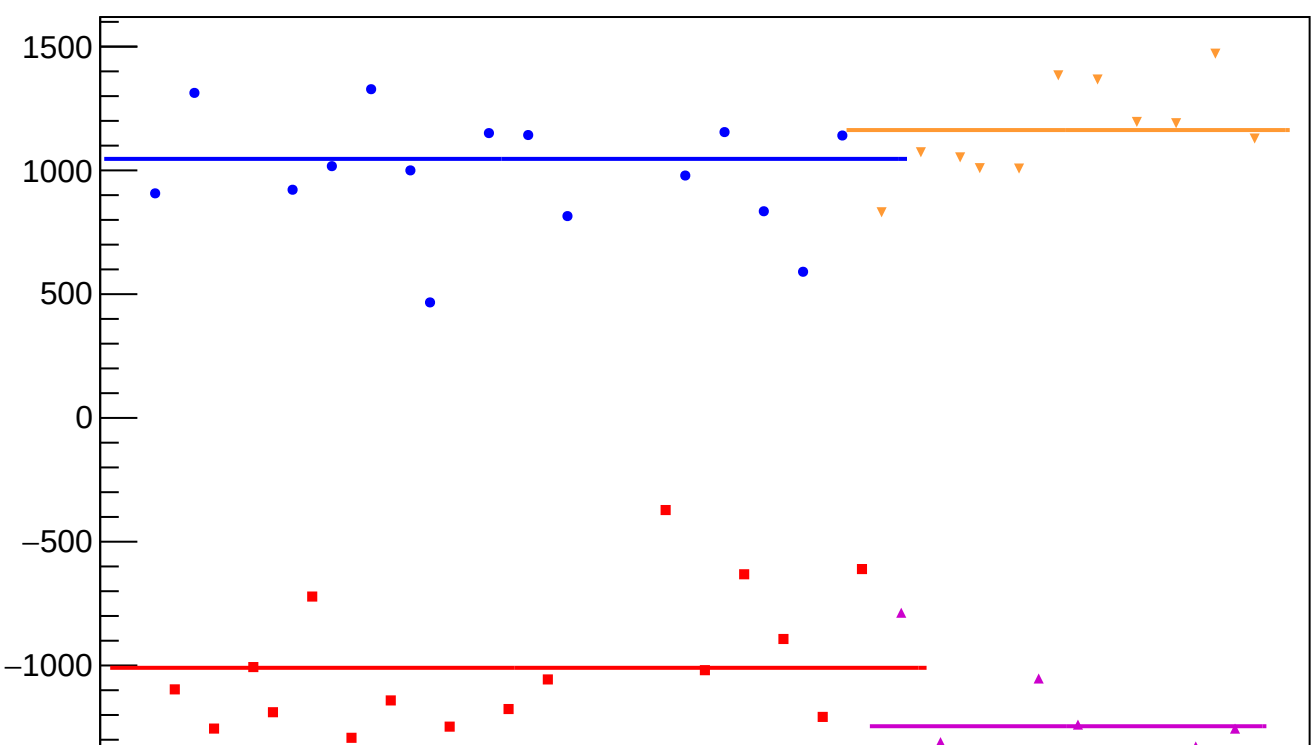
Left: 128.669+/-0.000 χ^2/NDF: 127143627104502
Right In: 15540.787+/-0.000 χ^2/NDF: 273836358865236018323777953835097144688 64.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 26920.055+/-0.000 χ^2/NDF:131112229100461107994833593903605948088 32.0/10
In: -8631.504+/-0.000 χ^2/NDF:730269131022002
Right Out: -13951.799+/-0.000 χ^2/NDF: 169540710357395846646128134307481009520 64.0/15
Out: 8794.040+/-0.000 χ^2/NDF:650151585967904
Left In: -29031.786+/-0.000 χ^2/NDF:363912759265889712230279308487103506022 4.0/8
All: 337.701+/-0.000 χ^2/NDF: 160204460057

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



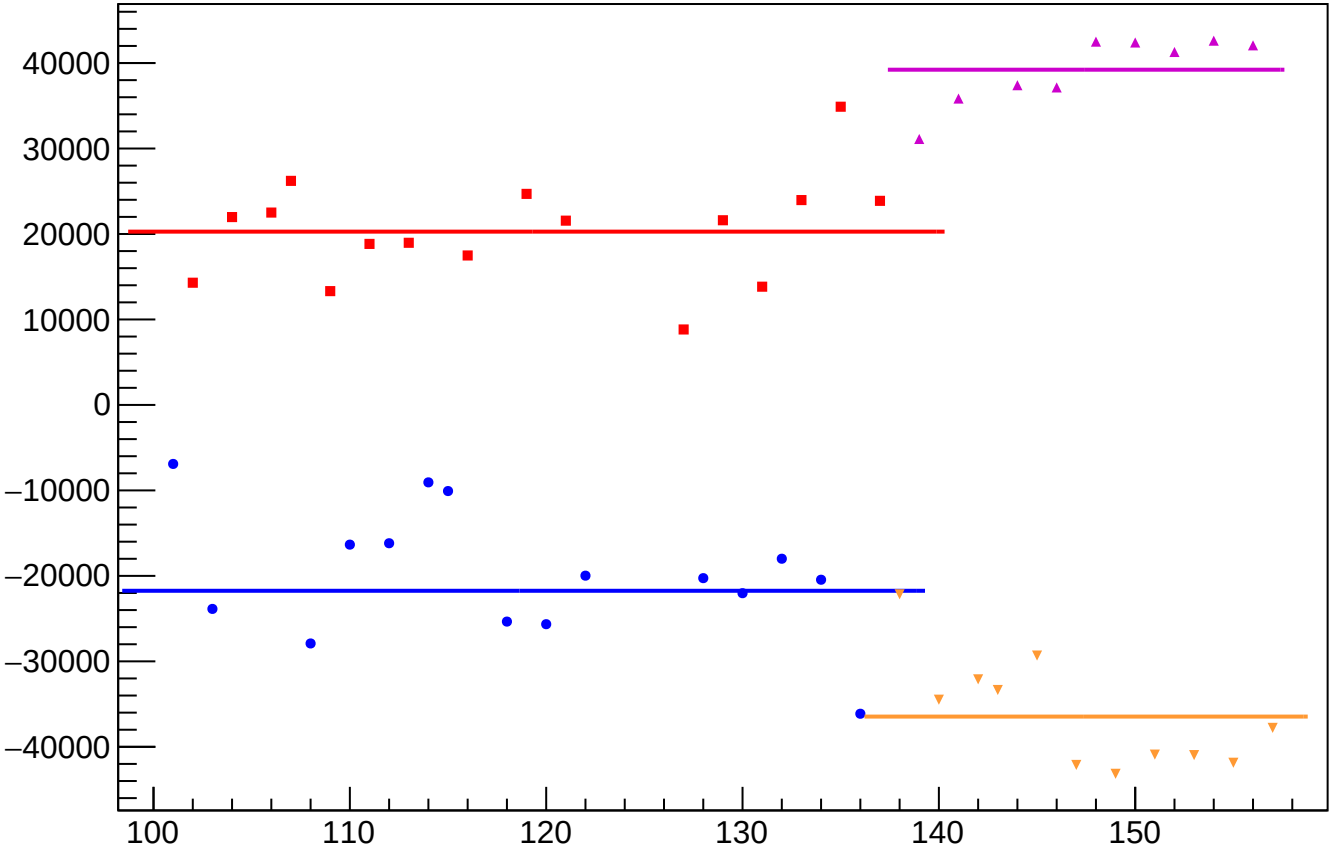
Left: -5.884+/-0.000 χ^2/NDF: 10343401576631854
Right In: 605.034+/-0.000 χ^2/NDF: 189401522791607614448600157723362852864.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 748.295+/-0.000 χ^2/NDF:188161507679241413023290746527526420 48.0/10
In: -171.443+/-0.000 χ^2/NDF:9322053638474444
Right Out: -749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418892 8.0/15
Out: 84.010+/-0.000 χ^2/NDF:1873003844554018
Left In: -826.752+/-0.000 χ^2/NDF:212790212994784979343909293116054568 96.0/8
All: -39.957+/-0.000 χ^2/NDF: 285283751173

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



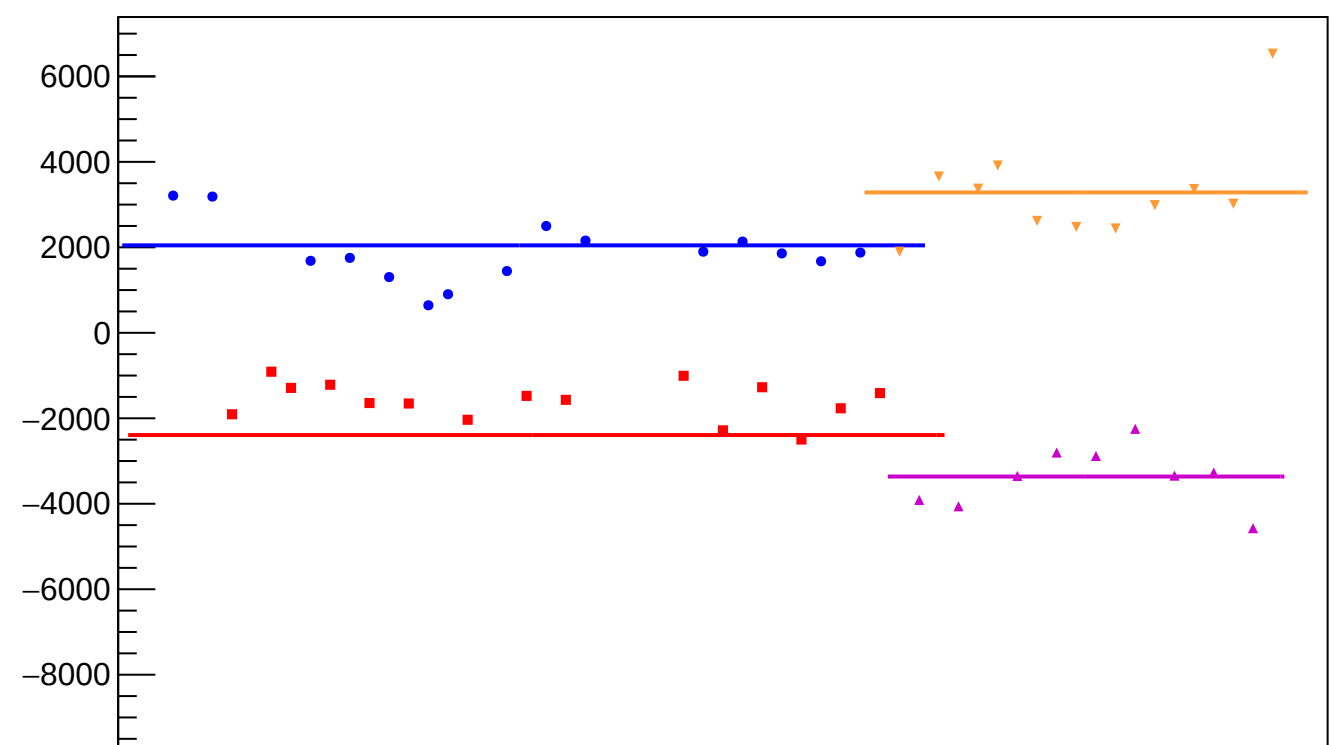
Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:190205872365121 5
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:182488051357208 6
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373 1

dit_atr2_coil1_mean vs Slug, Sign Corrected



Left: -223.079+/-0.000 χ^2/NDF: 234033277441878
Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -36461.986+/-0.000 χ^2/NDF:339244295649535262515979722486110486528 00.0/10
In: 11318.037+/-0.000 χ^2/NDF:136001056903248
Right Out: 20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
Out: -11299.854+/-0.000 χ^2/NDF:1254789927861
Left In: 39220.309+/-0.000 χ^2/NDF:108156269196444415604272144967101369548 80.0/8
All: -323.752+/-0.000 χ^2/NDF: 29881779438

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: 101.752+/-0.000 χ^2/NDF: 192345221810146

Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

Right: -203.146+/-0.000 χ^2/NDF: 11161426338405

Left Out: 3284.931+/-0.000 χ^2/NDF:118041545737036911381113744317462924492 8.0/10

In: -887.158+/-0.000 χ^2/NDF:1090710883399309

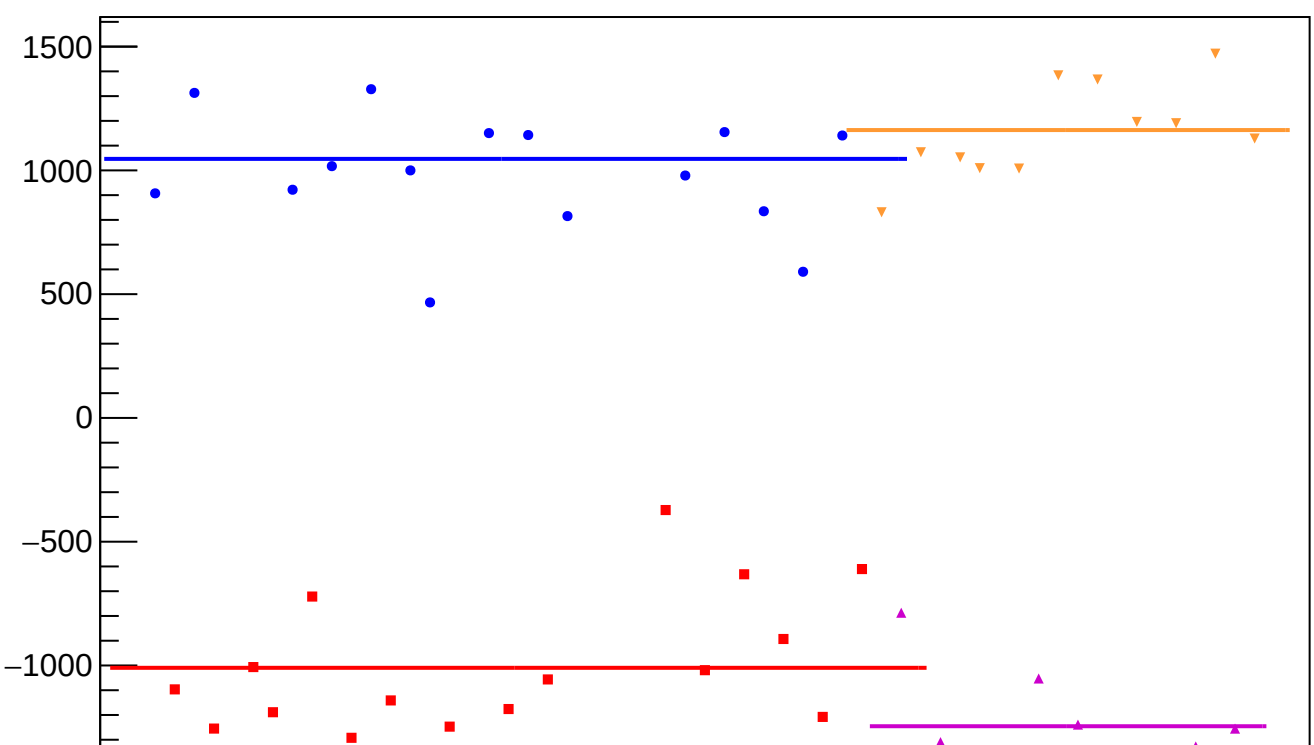
Right Out: -2391.939+/-0.000 χ^2/NDF: 441529496478977881525935754457949981900 8.0/15

Out: 767.330+/-0.000 χ^2/NDF:175581935193926 8

Left In: -3362.904+/-0.000 χ^2/NDF:342141755660727699563787802318596997120.0/8

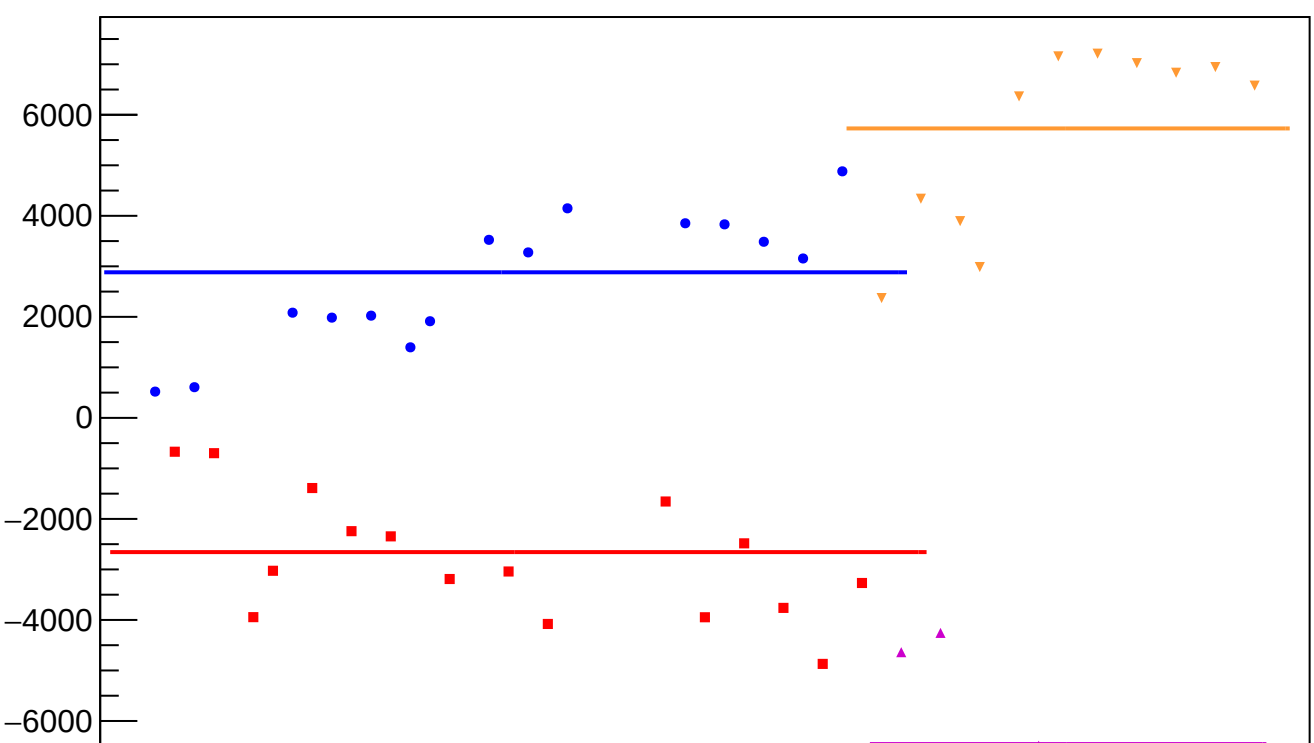
All: -35.567+/-0.000 χ^2/NDF: 304631887546

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



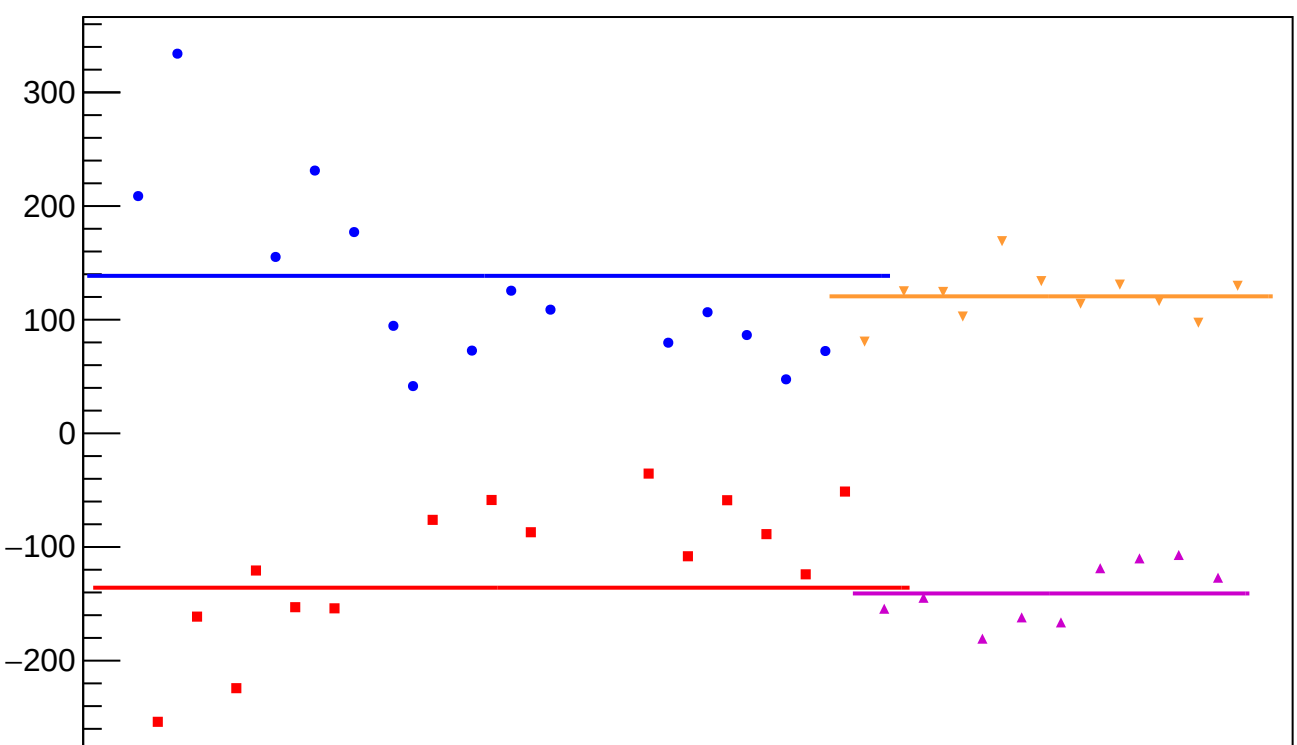
Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:1902058723651215
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:1824880513572086
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 38413742013731

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -105.731+/-0.000 χ^2/NDF: 629239197768134
Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14
Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623
Left Out: 5729.884+/-0.000 χ^2/NDF:2479568562504378382594347376106329341952.0/10
In: -2182.893+/-0.000 χ^2/NDF:329361037789139
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15
Out: 2010.471+/-0.000 χ^2/NDF:29666627950367
Left In: -6457.370+/-0.000 χ^2/NDF:9168051346065256460561049193325946470 40.0/8
All: -24.501+/-0.000 χ^2/NDF: 754369340458

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -4.629+/-0.000 χ^2/NDF: 28297601315354528

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 120.546+/-0.000 χ^2/NDF:4150651782357421947356636258920038 40.0/10

In: -12.973+/-0.000 χ^2/NDF:32221037154892081

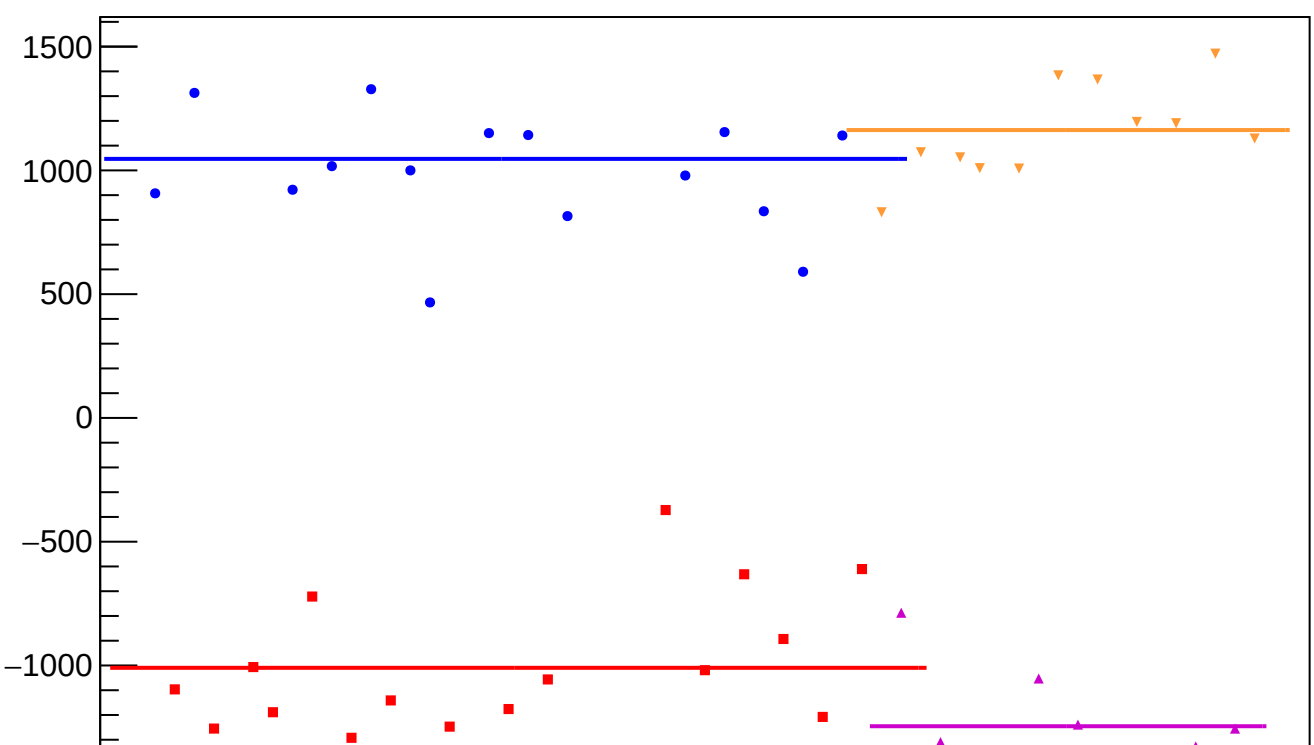
Right Out: -135.809+/-0.000 χ^2/NDF: 39564017418625242632431608681736437 76.0/15

Out: 6.857+/-0.000 χ^2/NDF:28765695159618703 6

Left In: -140.874+/-0.000 χ^2/NDF:4929413987289901548096506870051635 20.0/8

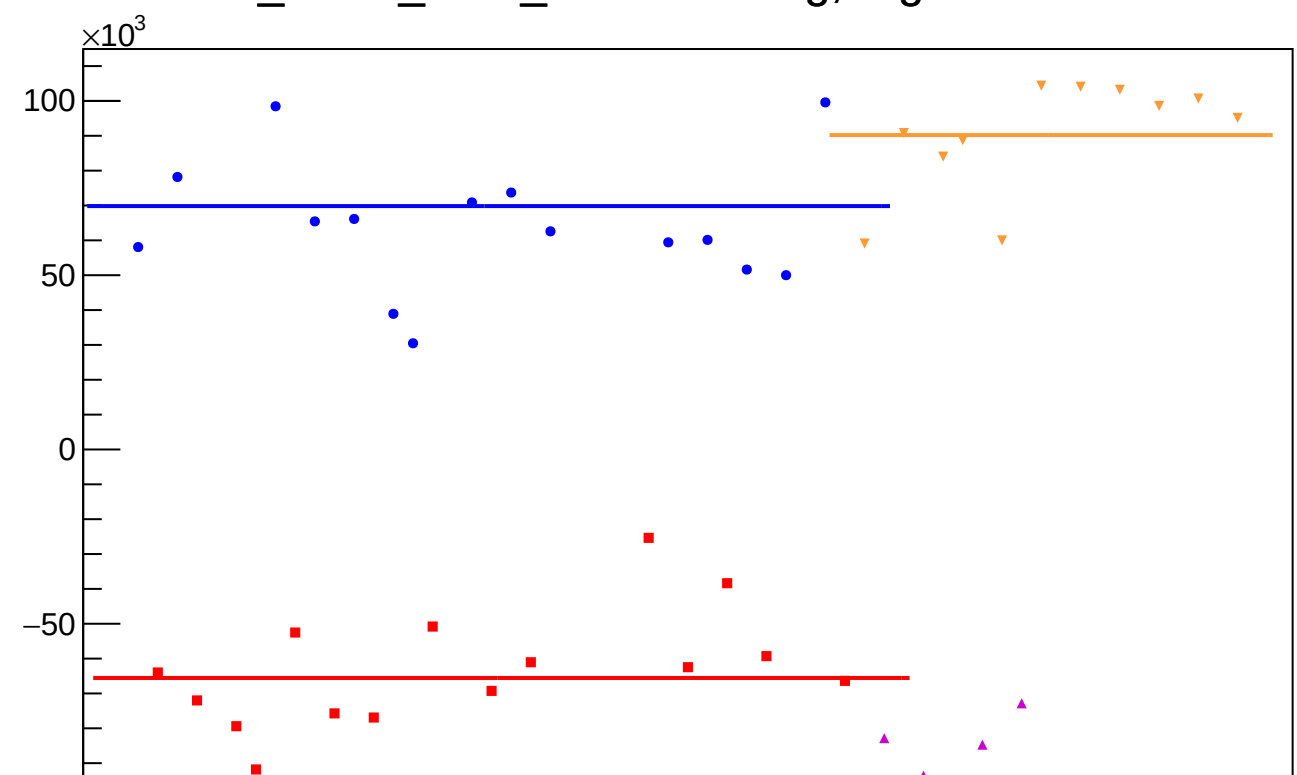
All: -2.766+/-0.000 χ^2/NDF: 6127373570758

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
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: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:190205872365121 5
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:182488051357208 6
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373 1

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: 1388.936+/-0.000 χ^2/NDF: 141039936424158

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 90207.882+/-0.000 χ^2/NDF:213028502840276878241078014382531699277824.0/10

In: -19714.475+/-0.000 χ^2/NDF:98841632417946

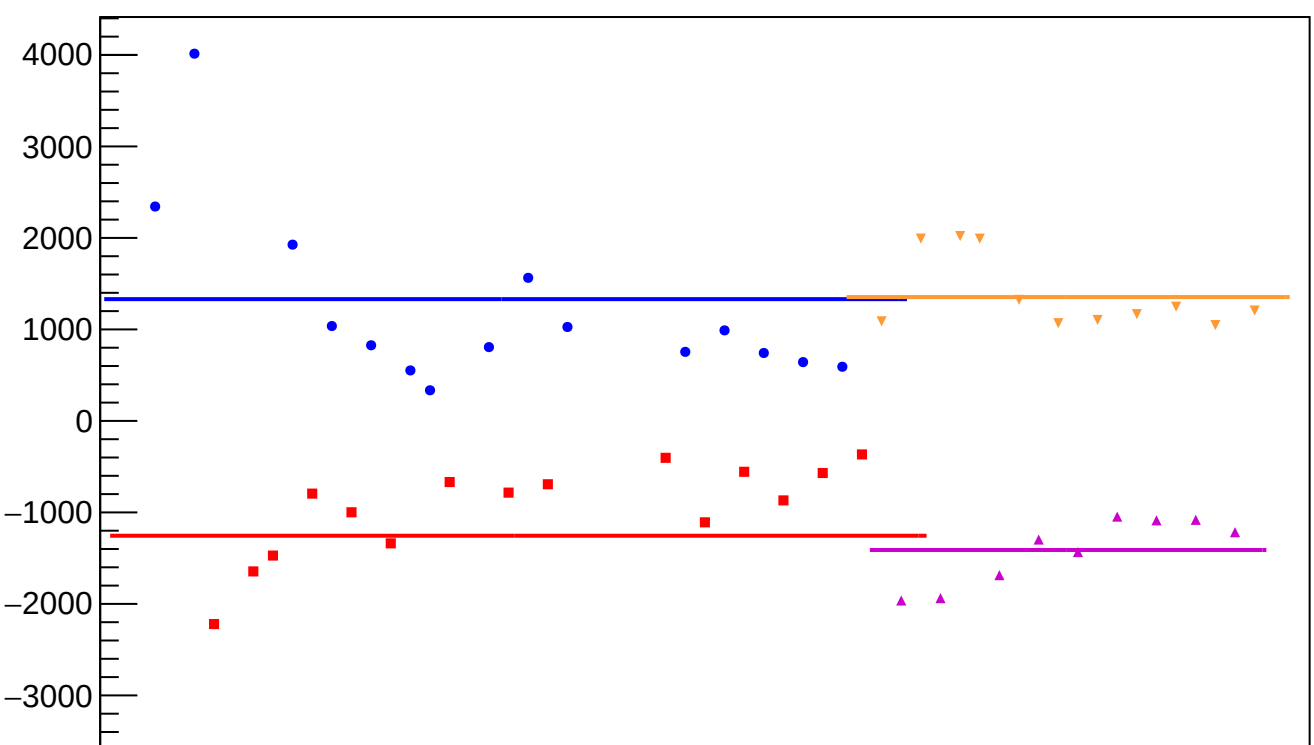
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 21129.464+/-0.000 χ^2/NDF:94310358203781

Left In: -95283.961+/-0.000 χ^2/NDF:101231123848107681413670994524001921925120.0/8

All: 1308.552+/-0.000 χ^2/NDF: 2053278351

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Left: 29.901+/-0.000 χ^2/NDF: 3263400259738553

Right In: 1330.956+/-0.000 χ^2/NDF: 649481263842681659449409147059572834304.0/14

Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615

Left Out: 1353.448+/-0.000 χ^2/NDF:111283236771663904540357217605797281792.0/10

In: -155.870+/-0.000 χ^2/NDF:3385015629703606

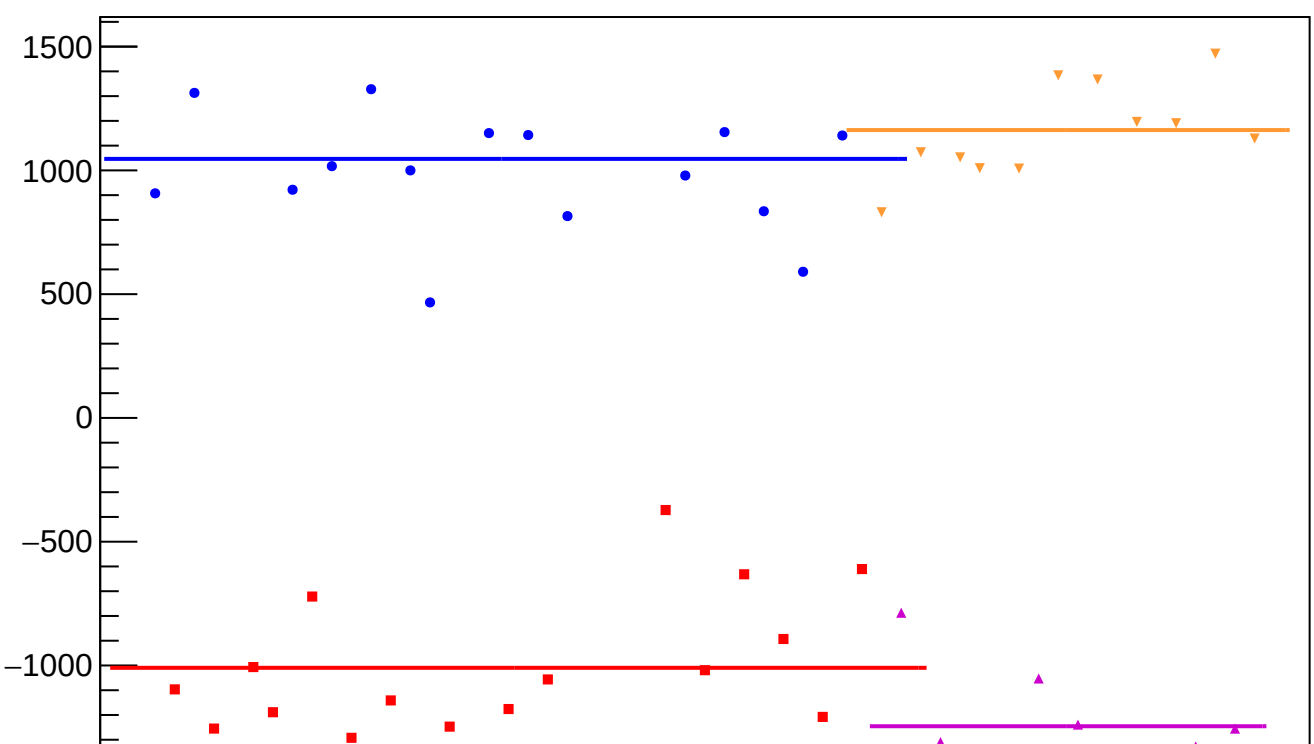
Right Out: -1254.871+/-0.000 χ^2/NDF: 632140068983304062809817716800861765632.0/15

Out: 196.700+/-0.000 χ^2/NDF:3268793063844641

Left In: -1410.682+/-0.000 χ^2/NDF:899903013751518827843639328997470371 84.0/8

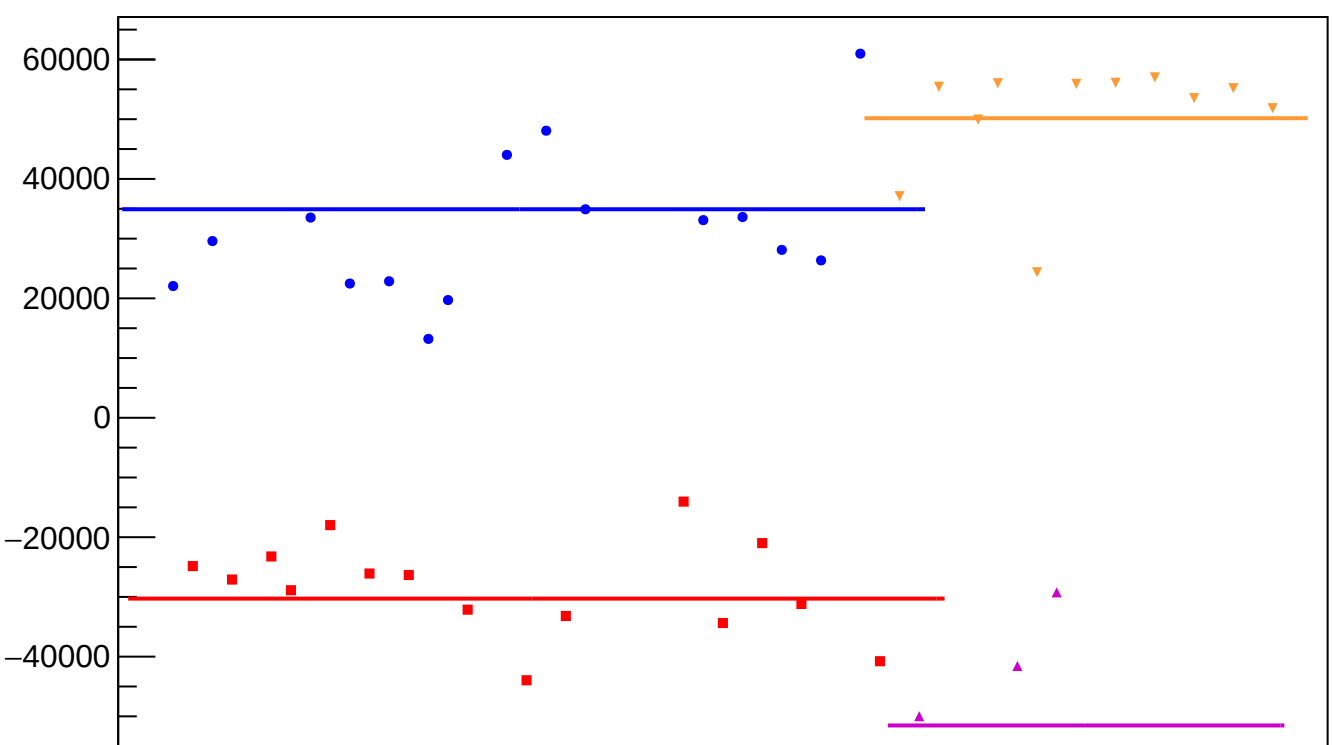
All: 25.603+/-0.000 χ^2/NDF: 674453538466

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



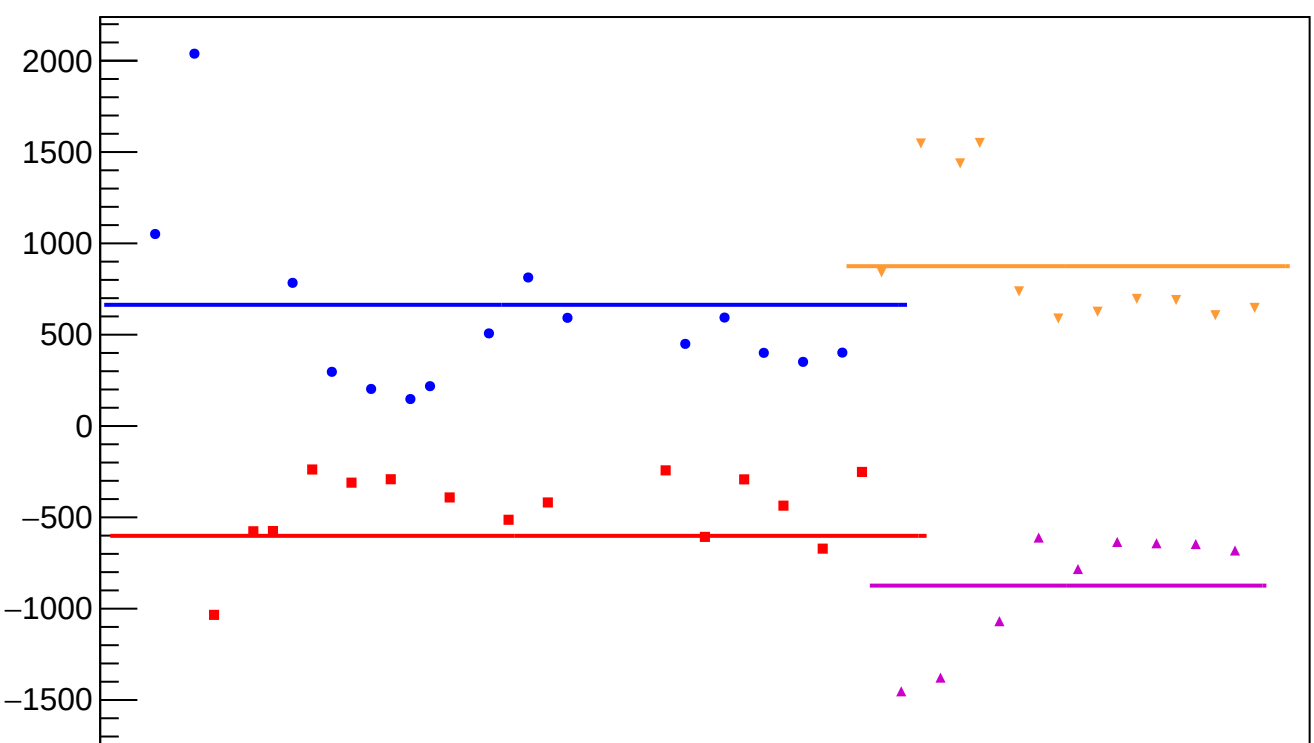
Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:190205872365121 5
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:182488051357208 6
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373 1

dit_sam3_coil1_mean vs Slug, Sign Corrected



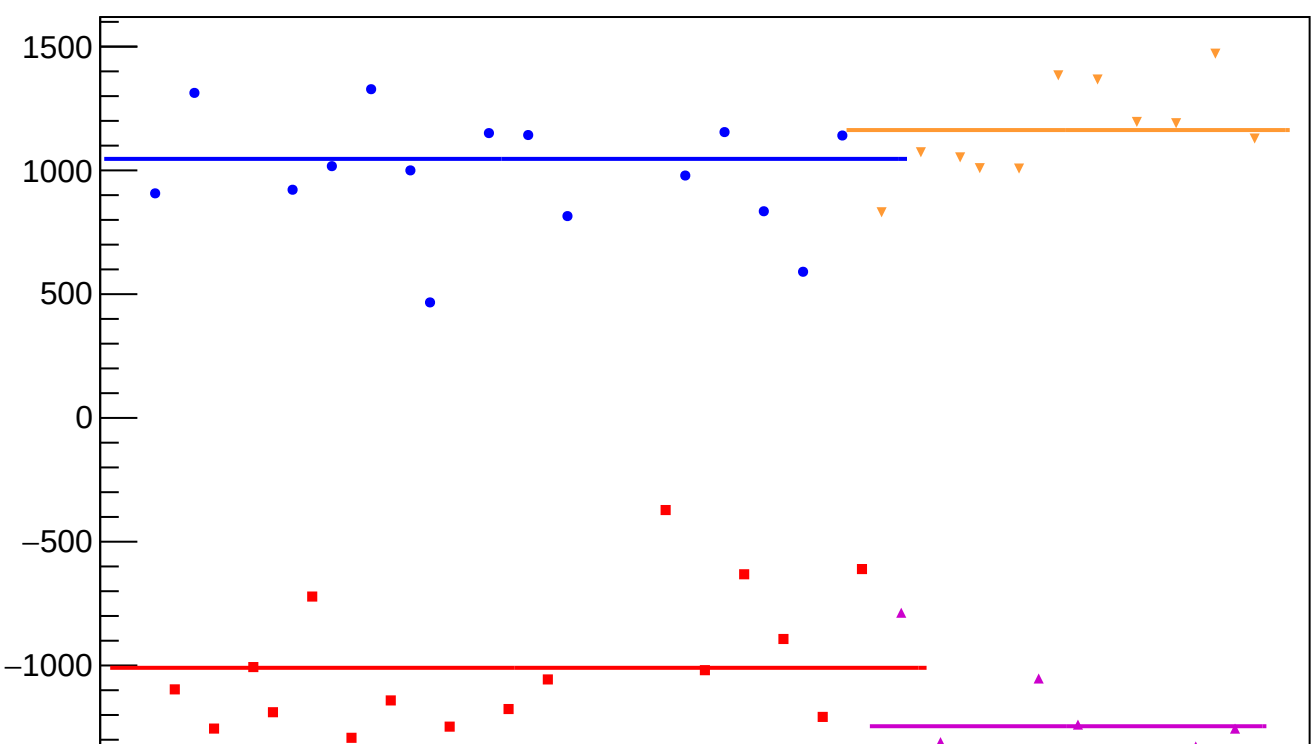
Left: 1472.866+/-0.000 χ^2/NDF: 42946035484566
Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14
Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711
Left Out: 50164.164+/-0.000 χ^2/NDF:8414353279632027171133077586717817018 7776.0/10
In: -11959.864+/-0.000 χ^2/NDF:2802621794993
Right Out: -30282.373+/-0.000 χ^2/NDF: 883461652665931266275989516935060730675 20.0/15
Out: 14487.408+/-0.000 χ^2/NDF:2574739478454
Left In: -51524.034+/-0.000 χ^2/NDF:6619658100977078838947643703548740370432 0.0/8
All: 1652.969+/-0.000 χ^2/NDF: 5887872871

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



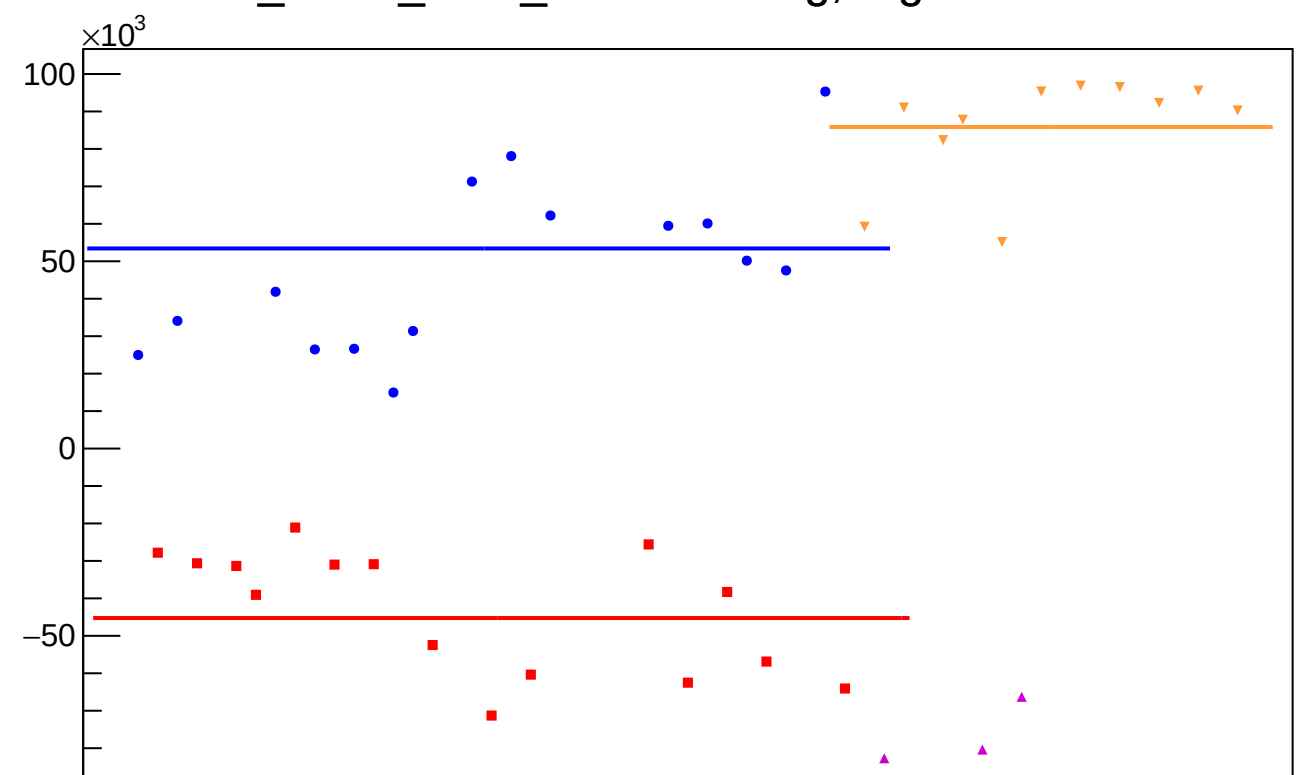
Left: 37.697+/-0.000 χ^2/NDF: 1412397156873595
Right In: 663.574+/-0.000 χ^2/NDF: 157691812872720822886914966597312446464.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 875.113+/-0.000 χ^2/NDF:110626797130874126410547030191622848512.0/10
In: -170.148+/-0.000 χ^2/NDF:1065473363602033
Right Out: -601.216+/-0.000 χ^2/NDF: 149717884331889332339995334350831878144.0/15
Out: 220.385+/-0.000 χ^2/NDF:1069384209233937
Left In: -873.770+/-0.000 χ^2/NDF:759479042096074855609699661752702074 88.0/8
All: 30.865+/-0.000 χ^2/NDF: 2246173696164

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:1902058723651215
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:1824880513572086
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 53422.452+/-0.000 χ^2/NDF: 360635757315133800133751123167777346551808.0/14

Left Out: 85840.997+/-0.000 χ^2/NDF:173303092413371489604749461311545191432192.0/10

Right Out: -45247.617+/-0.000 χ^2/NDF: 286060196488034430215784613374055547928576.0/15

Left In: -90697.093+/-0.000 χ^2/NDF:903884938094011002200063546021130031595 52.0/8

Left: 1309.371+/-0.000 χ^2/NDF: 12754285942051 2

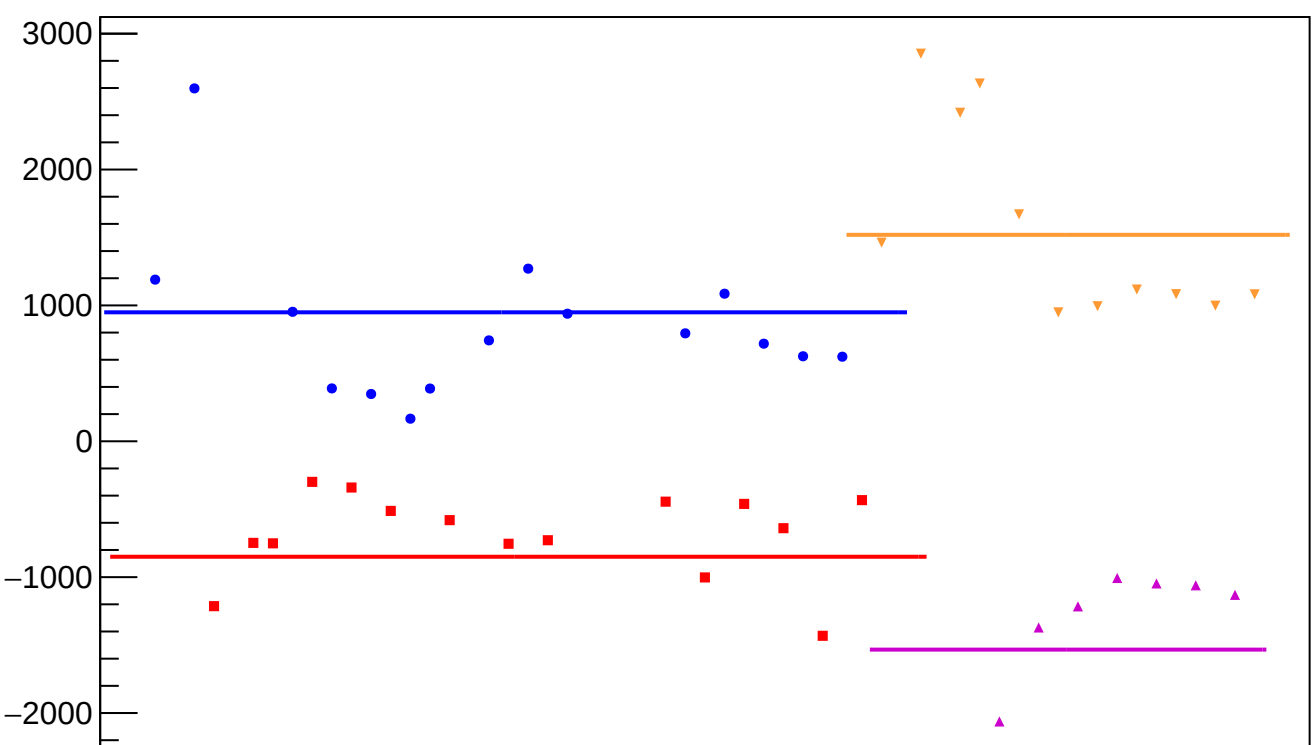
Right: 3412.622+/-0.000 χ^2/NDF: 3849169146586 3

In: -24735.468+/-0.000 χ^2/NDF:7761414598753 4

Out: 27705.289+/-0.000 χ^2/NDF:6838081272209 1

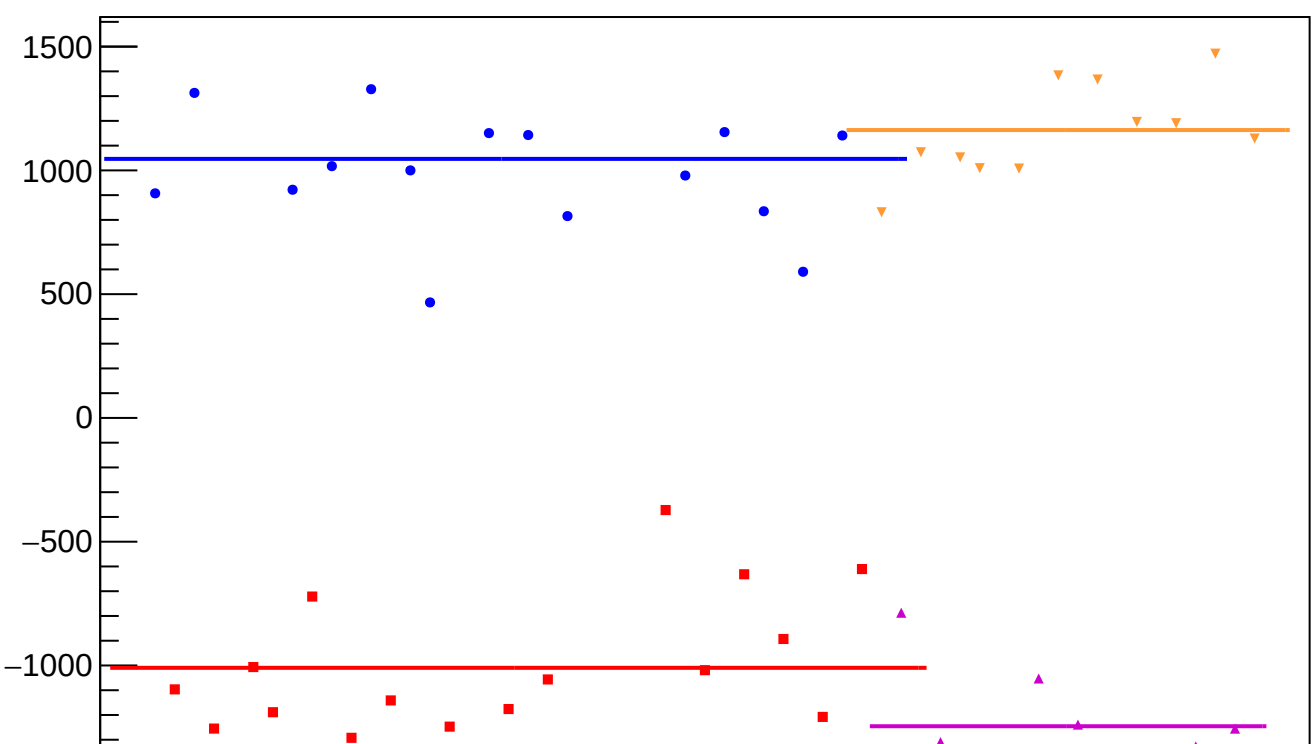
All: 2256.626+/-0.000 χ^2/NDF: 1660665474 4

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



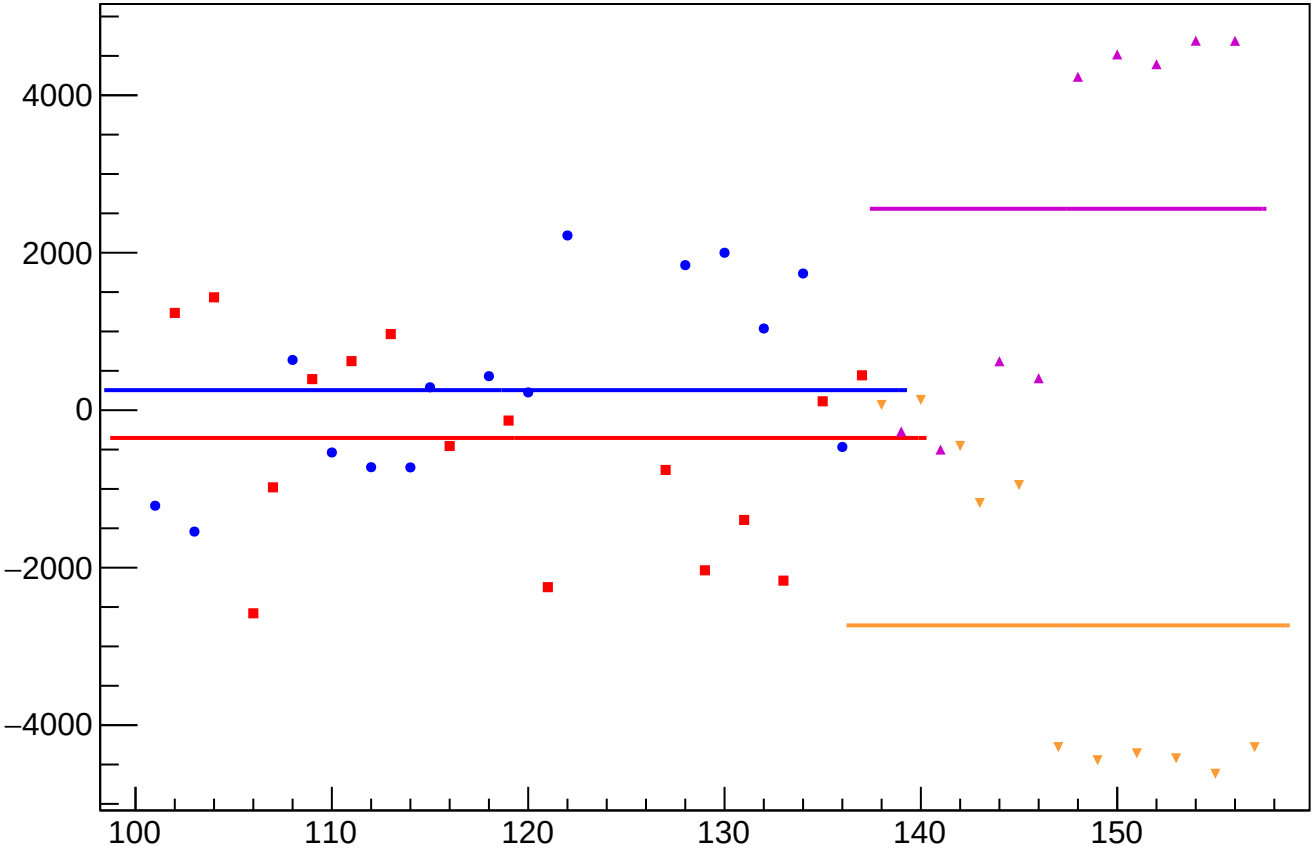
Left: 57.670+/-0.000 χ^2/NDF: 4382453814014537
Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14
Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426
Left Out: 1519.410+/-0.000 χ^2/NDF:3823289193286927694668388246851189473 28.0/10
In: -397.108+/-0.000 χ^2/NDF:2659974830529305
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15
Out: 468.691+/-0.000 χ^2/NDF:2670579727291866
Left In: -1533.327+/-0.000 χ^2/NDF:2651735589001975599182046606832235970 56.0/8
All: 48.533+/-0.000 χ^2/NDF: 587766945852 5

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
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: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:190205872365121 5
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:182488051357208 6
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373 1

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -199.331+/-0.000 χ^2/NDF: 183224685835499

Right In: 254.578+/-0.000 χ^2/NDF: 9784021135310066407415692239672495308 80.0/14

Right: -53.015+/-0.000 χ^2/NDF: 220036732540735

Left Out: -2732.741+/-0.000 χ^2/NDF:32934573936829643866017745977288006041 60.0/10

In: 1503.809+/-0.000 χ^2/NDF:665595397475957

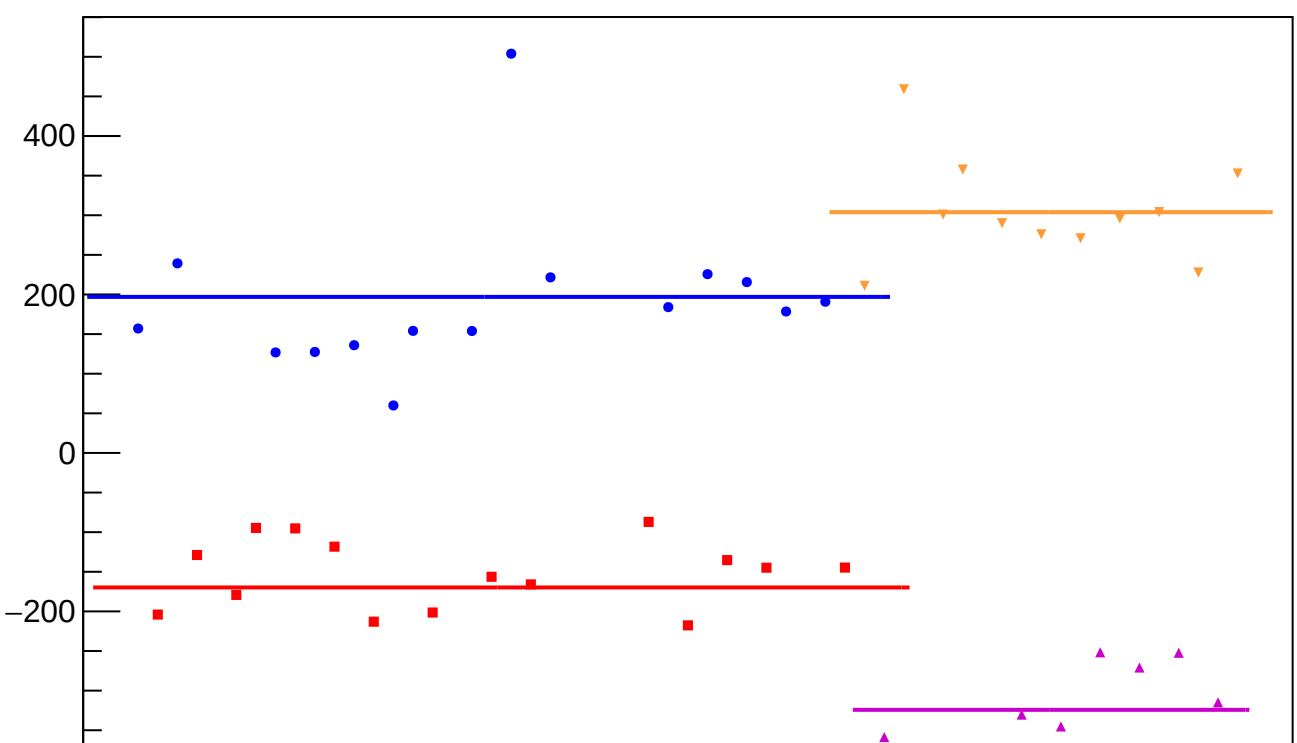
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

Out: -1677.057+/-0.000 χ^2/NDF:64976398699852

Left In: 2558.100+/-0.000 χ^2/NDF:3809970402037189463566013711890870435840.0/8

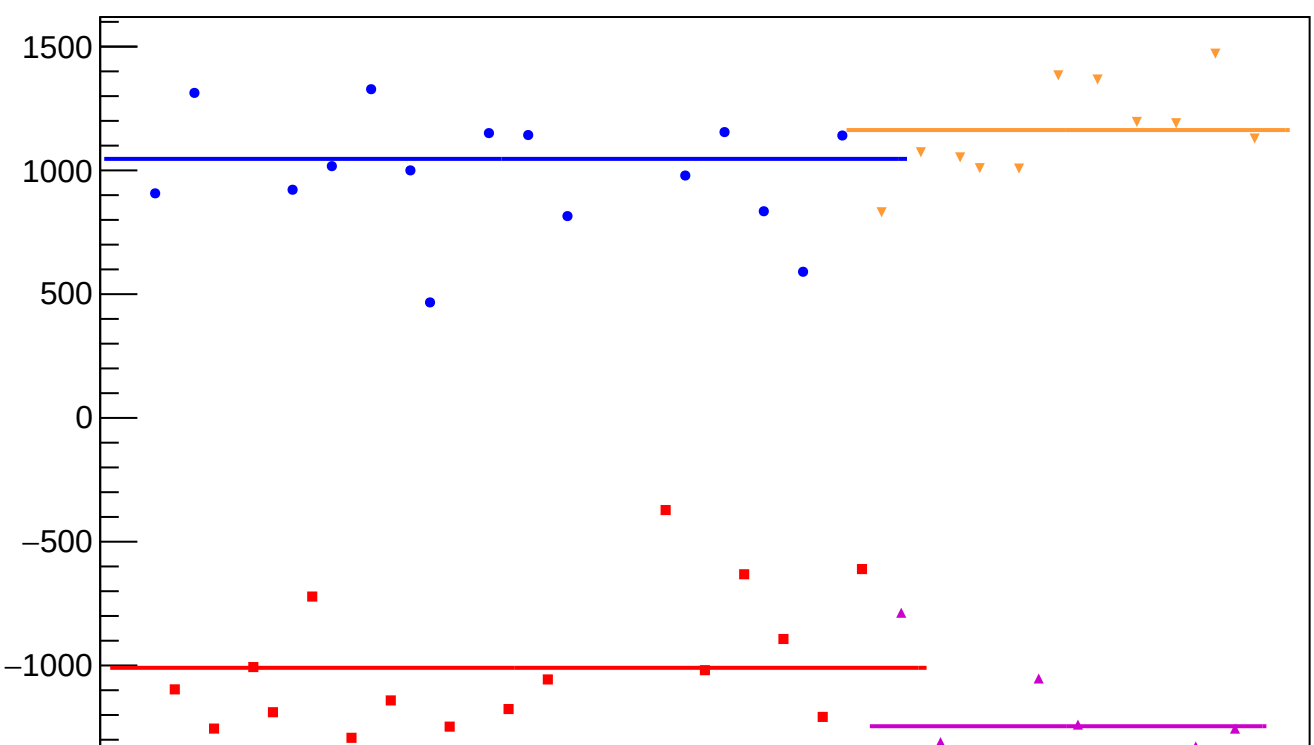
All: -133.434+/-0.000 χ^2/NDF: 20538320566

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



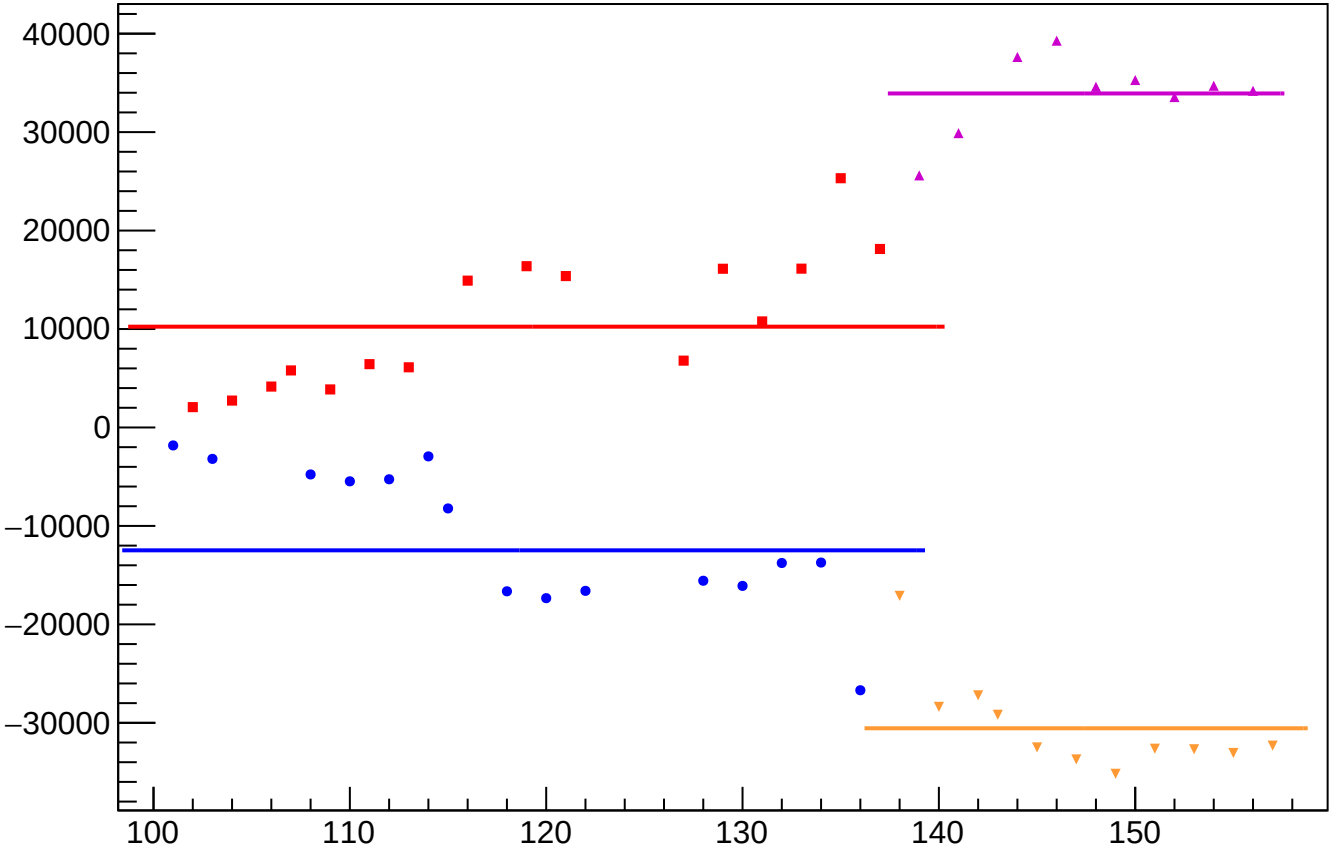
Left: 3.122+/-0.000 χ^2/NDF: 16422349110766568
Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14
Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240
Left Out: 303.890+/-0.000 χ^2/NDF:3666820197416052672735674065641013248.0/10
In: -85.696+/-0.000 χ^2/NDF:10252359271845241
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15
Out: 93.826+/-0.000 χ^2/NDF:9084140287038872
Left In: -324.241+/-0.000 χ^2/NDF:2429572197859802041789152291570319360.0/8
All: 6.706+/-0.000 χ^2/NDF: 2168872232555

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



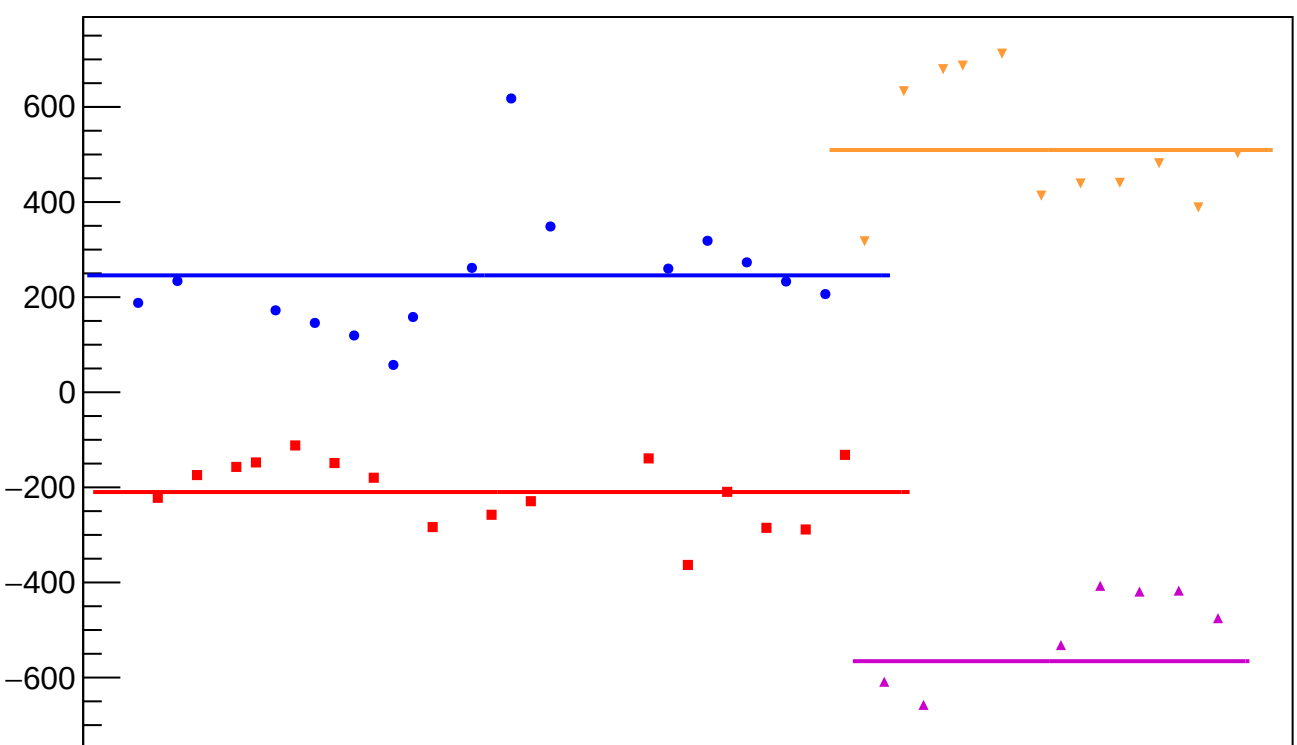
Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:1902058723651215
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:1824880513572086
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 321.534+/-0.000 χ^2/NDF: 169664700663815
Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14
Right: -965.413+/-0.000 χ^2/NDF: 24217037814564
Left Out: -30553.109+/-0.000 χ^2/NDF:194905074629475889791554447928509008445 44.0/10
In: 12686.912+/-0.000 χ^2/NDF:810006282759583
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15
Out: -12462.860+/-0.000 χ^2/NDF:6683600045745
Left In: 33926.315+/-0.000 χ^2/NDF:108743033613695424672446965011704247746 56.0/8
All: -258.077+/-0.000 χ^2/NDF: 19400153457

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Left: -5.246+/-0.000 χ^2/NDF: 49364351404483577

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

Left Out: 509.505+/-0.000 χ^2/NDF:13626484190126685178565607827299106816.0/10

In: -194.172+/-0.000 χ^2/NDF:2563671010140642

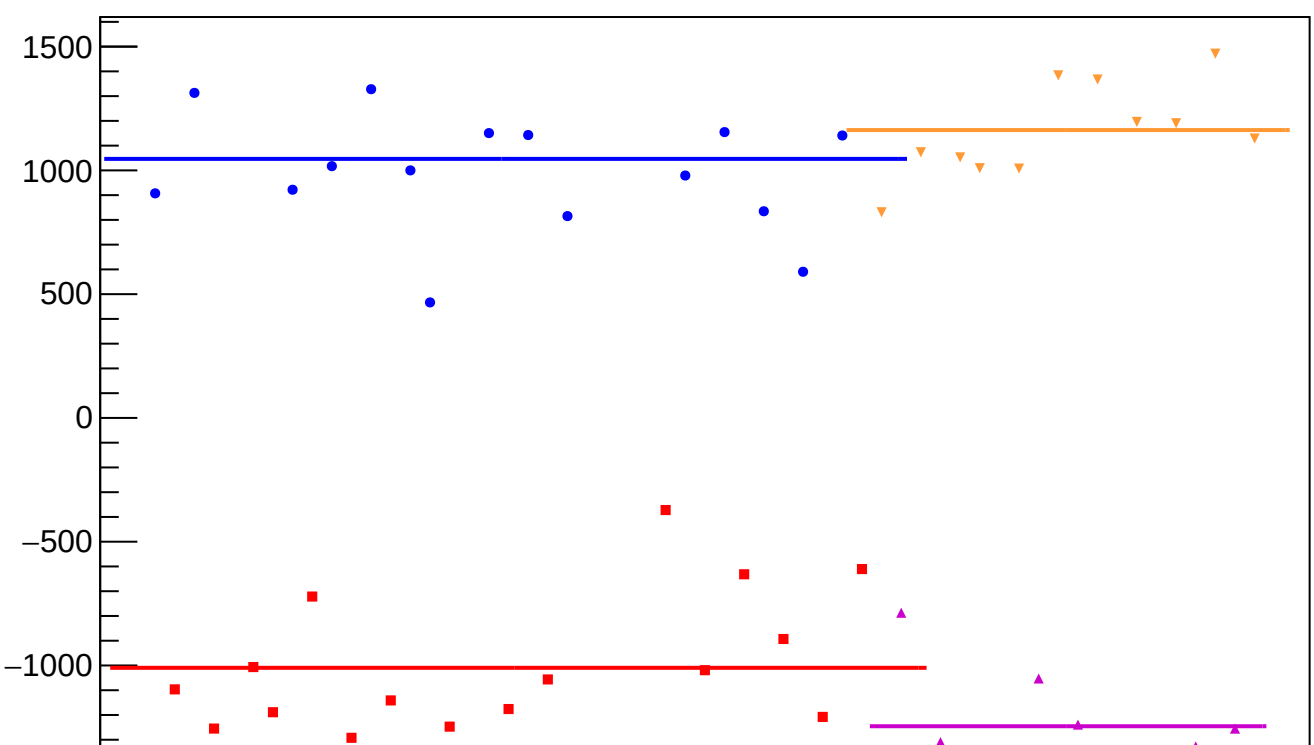
Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Out: 190.485+/-0.000 χ^2/NDF:2088351542476388

Left In: -565.515+/-0.000 χ^2/NDF:16848238049705916989857034101380349952.0/8

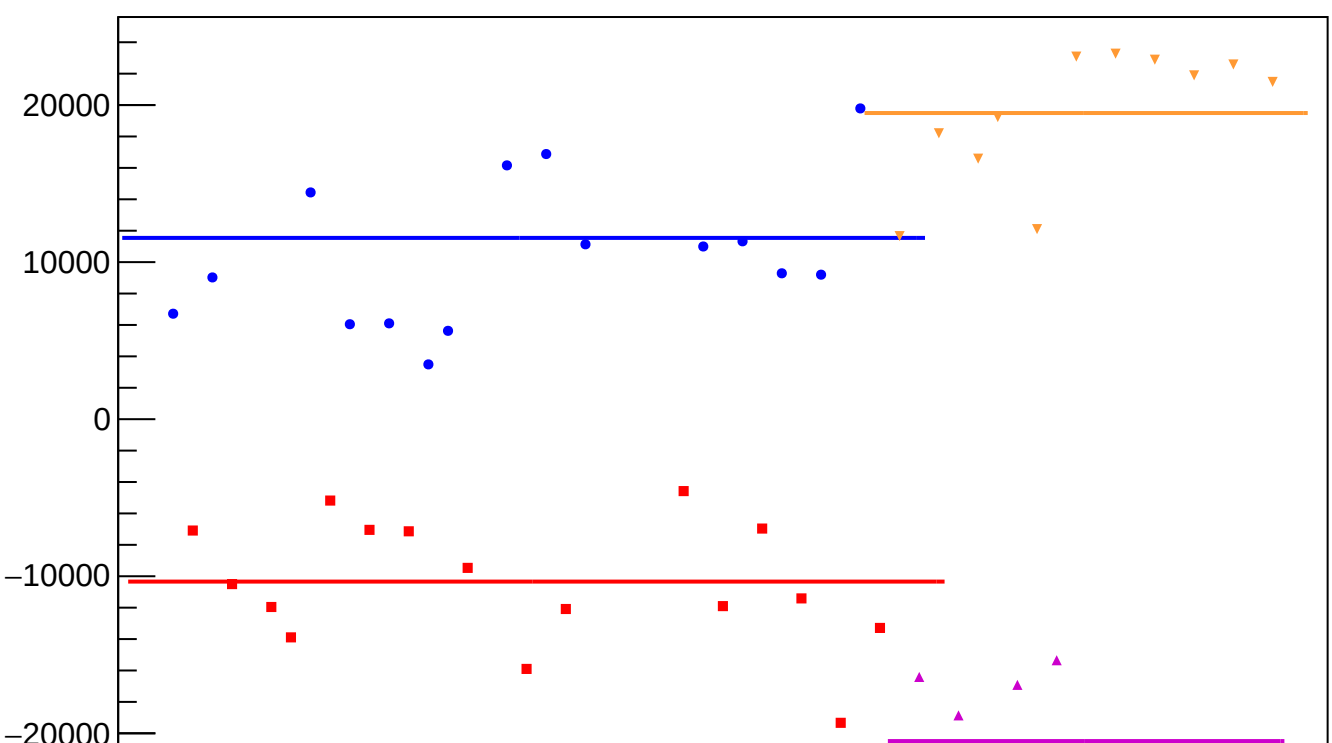
All: 3.817+/-0.000 χ^2/NDF: 5731942435733

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



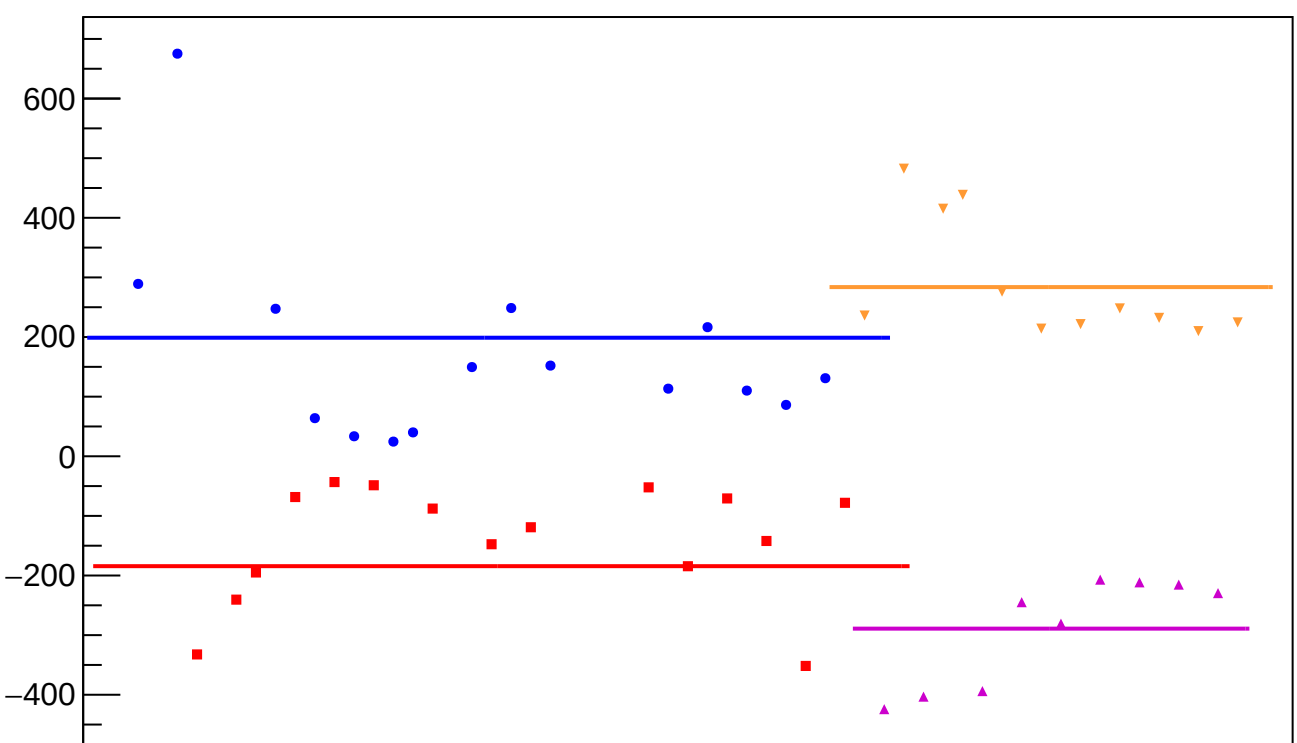
Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:190205872365121 5
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:182488051357208 6
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373 1

dit_sam7_coil1_mean vs Slug, Sign Corrected



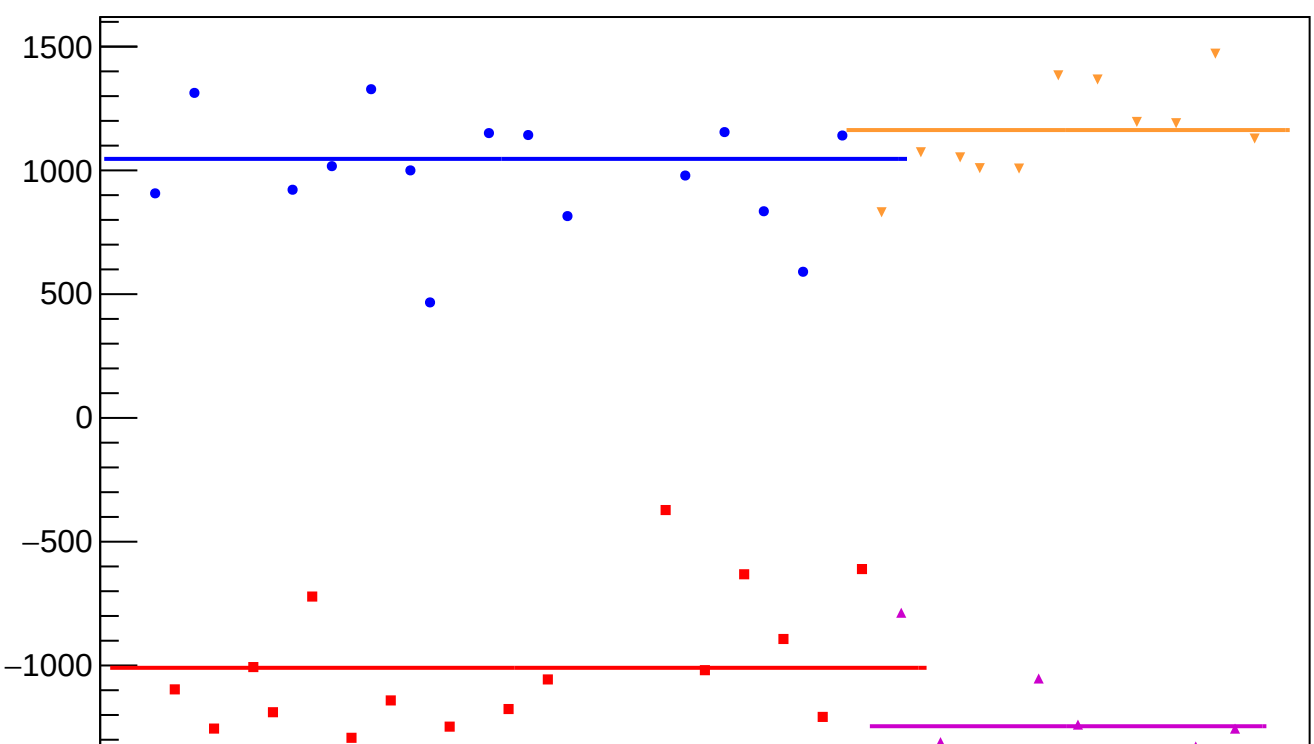
Left: 346.332+/-0.000 χ^2/NDF: 663587282359093
Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14
Right: 451.741+/-0.000 χ^2/NDF: 183007796935000
Left Out: 19493.367+/-0.000 χ^2/NDF:1440368614692060376844395735061967038054 4.0/10
In: -5831.092+/-0.000 χ^2/NDF:383812407391544
Right Out: -10339.969+/-0.000 χ^2/NDF: 1126083386340675164592342006298241820262 4.0/15
Out: 6262.759+/-0.000 χ^2/NDF:356039445555500
Left In: -20493.808+/-0.000 χ^2/NDF:834640888403428258946723441116002123776 0.0/8
All: 393.806+/-0.000 χ^2/NDF: 846603116008

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



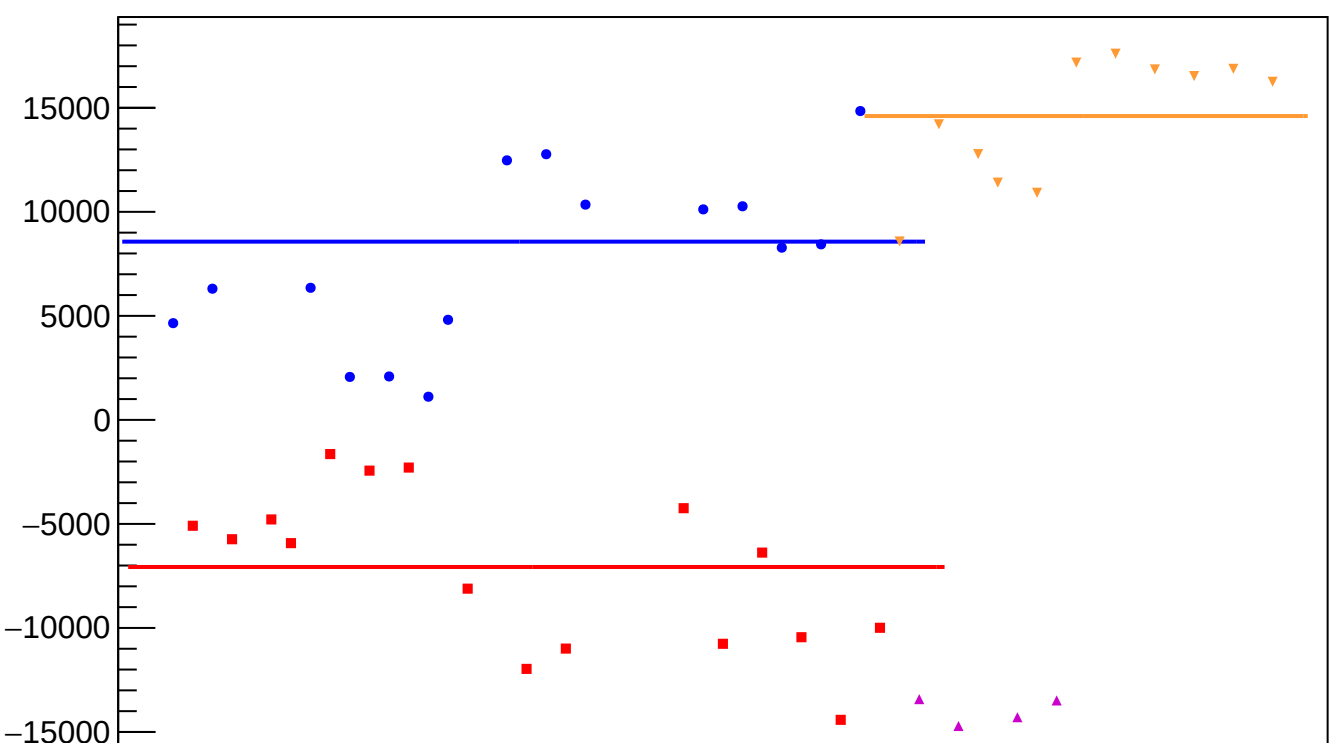
Left: 9.459+/-0.000 χ^2/NDF: 14471879506413055
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 283.762+/-0.000 χ^2/NDF:7557073207778532516631591669035171840.0/10
In: -65.771+/-0.000 χ^2/NDF:10777175767706101
Right Out: -184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15
Out: 76.171+/-0.000 χ^2/NDF:10381678326089506
Left In: -289.100+/-0.000 χ^2/NDF:5637404260986337034379807260716040192.0/8
All: 7.289+/-0.000 χ^2/NDF: 22629372985409

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
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: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:190205872365121 5
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:182488051357208 6
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373 1

dit_sam8_coil1_mean vs Slug, Sign Corrected



Left: -34.959+/-0.000 χ^2/NDF: 3844524474720926

Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

Right: 642.005+/-0.000 χ^2/NDF: 101620430321781

Left Out: 14603.995+/-0.000 χ^2/NDF:7386363372390047795766996049068736643072.0/10

In: -4738.502+/-0.000 χ^2/NDF:225463686167279

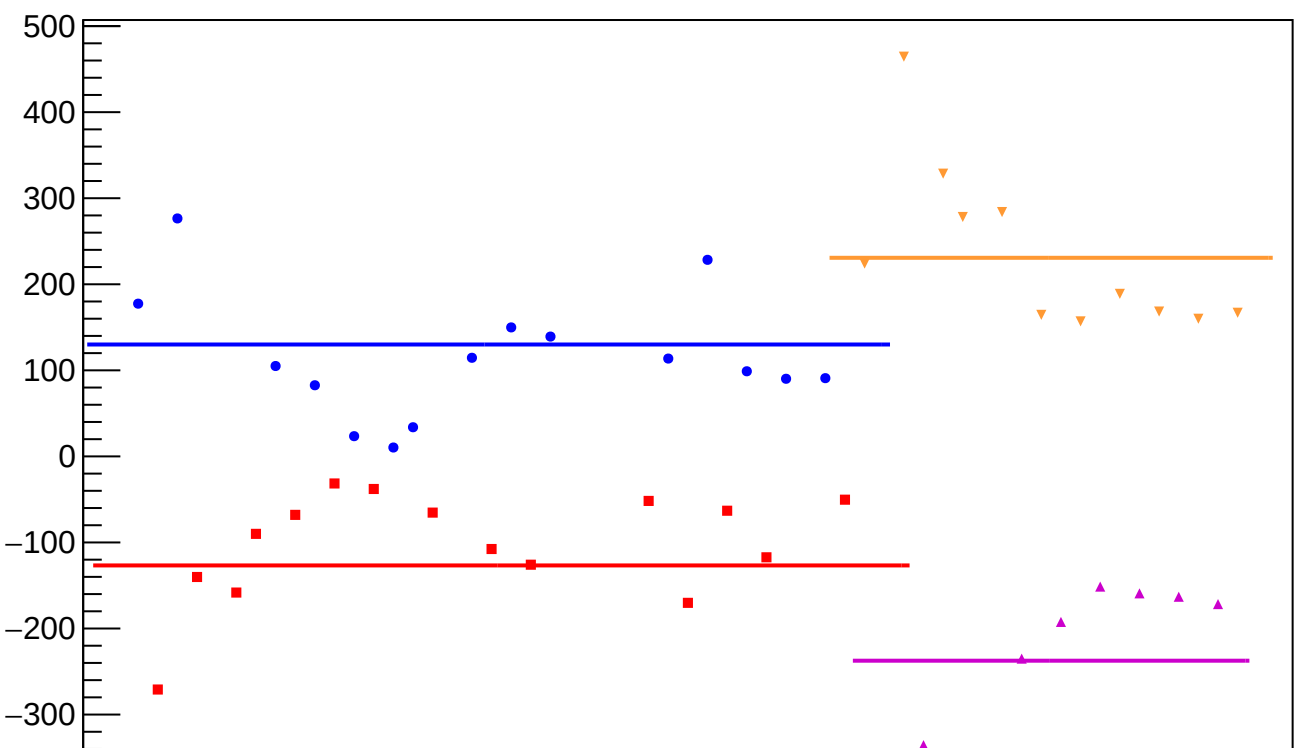
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

Out: 4991.976+/-0.000 χ^2/NDF:191835235184630

Left In: -15968.386+/-0.000 χ^2/NDF:246866694815261924638927652322161144627 2.0/8

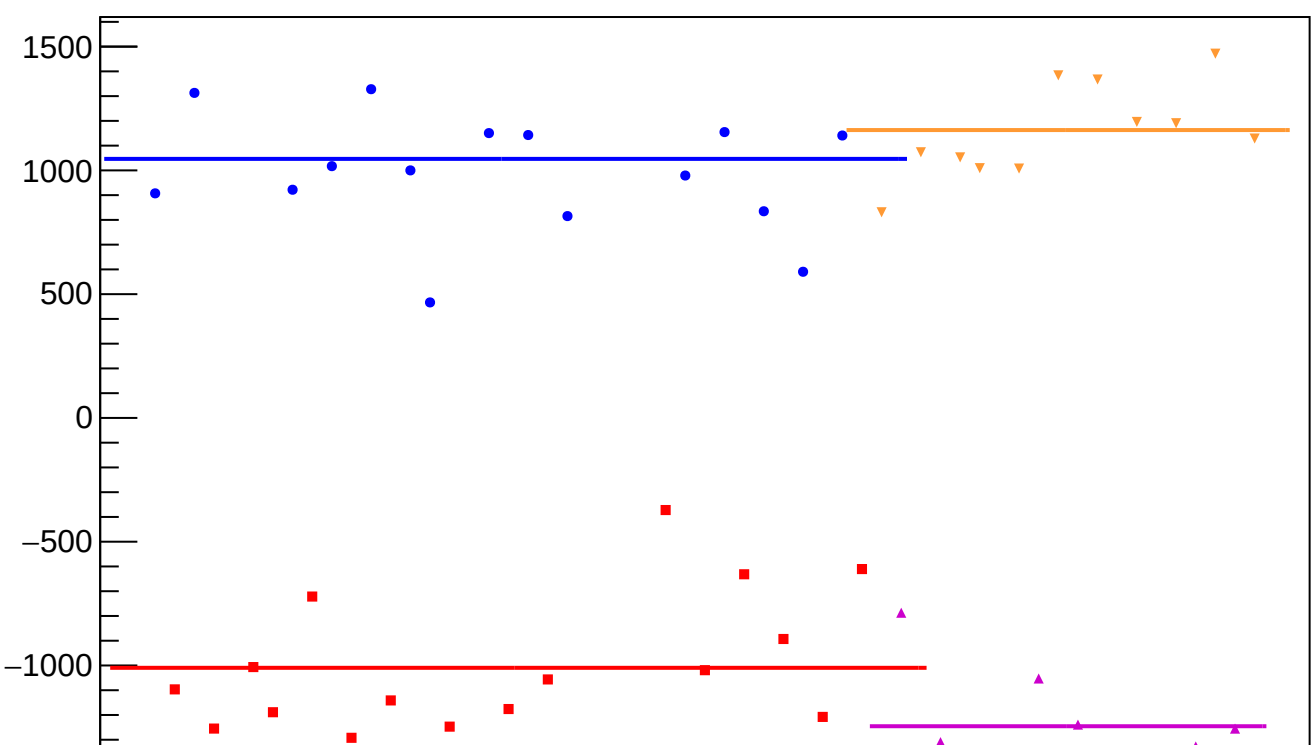
All: 269.930+/-0.000 χ^2/NDF: 486404354654

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



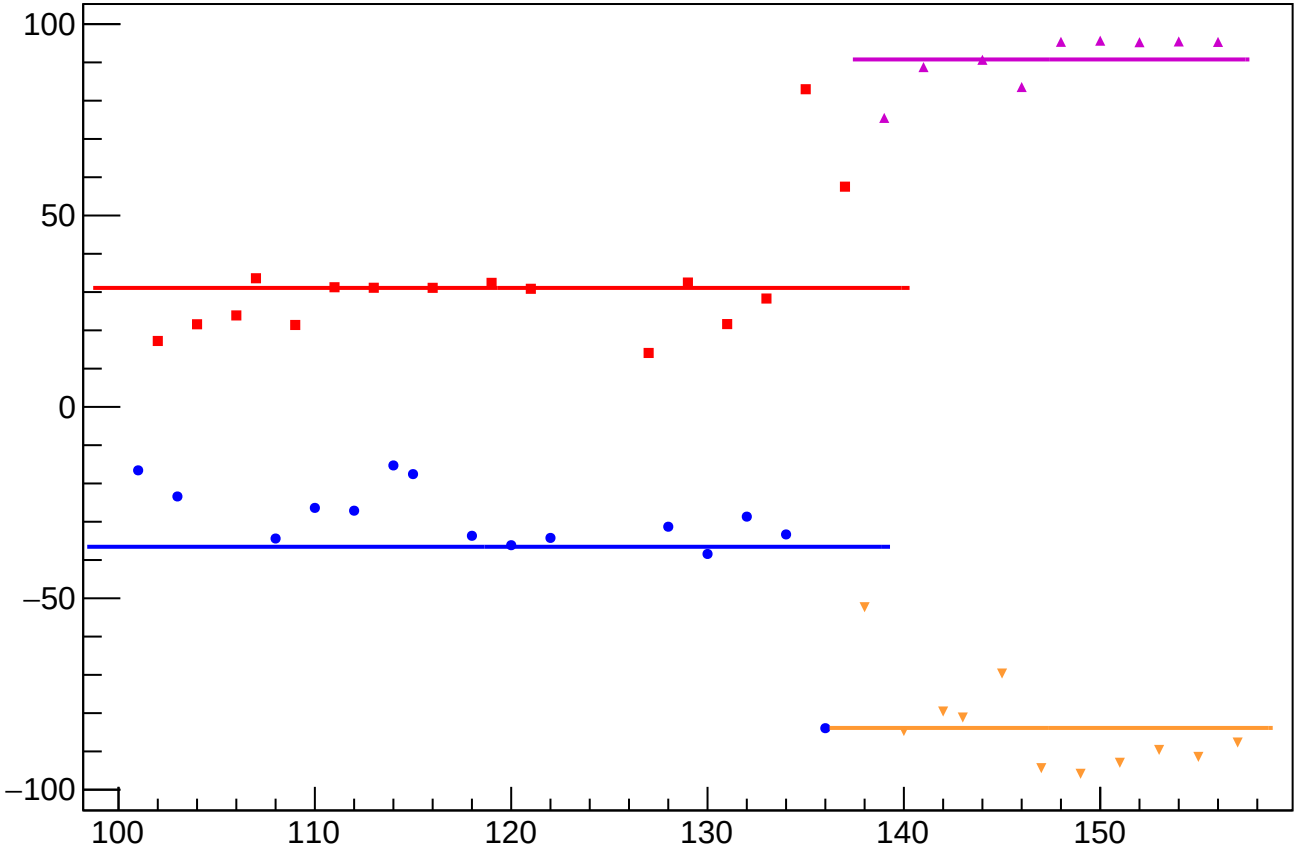
Left: 6.589+/-0.000 χ^2/NDF: 10113063675279760
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 230.770+/-0.000 χ^2/NDF:7293434761601732673985336129506770944.0/10
In: -69.245+/-0.000 χ^2/NDF:5662026943128037
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15
Out: 72.234+/-0.000 χ^2/NDF:6012619248425770
Left In: -237.415+/-0.000 χ^2/NDF:5987035744102316223433295186804867072.0/8
All: 3.577+/-0.000 χ^2/NDF: 1313556827663

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Left: 9.723+/-0.000 χ^2/NDF: 23815047737509897
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1162.918+/-0.000 χ^2/NDF:2854362208512988010785537128608563200 0.0/10
In: -196.456+/-0.000 χ^2/NDF:1902058723651215
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 199.509+/-0.000 χ^2/NDF:1824880513572086
Left In: -1245.445+/-0.000 χ^2/NDF:2835225318209939760754217464861242163 2.0/8
All: 7.354+/-0.000 χ^2/NDF: 3841374201373

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: -0.246+/-0.000 χ^2/NDF: 12386673558428473

Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14

Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060

Left Out: -83.867+/-0.000 χ^2/NDF:1308952171179730598241744182512189 44.0/10

In: 32.501+/-0.000 χ^2/NDF:5991679999718606 86

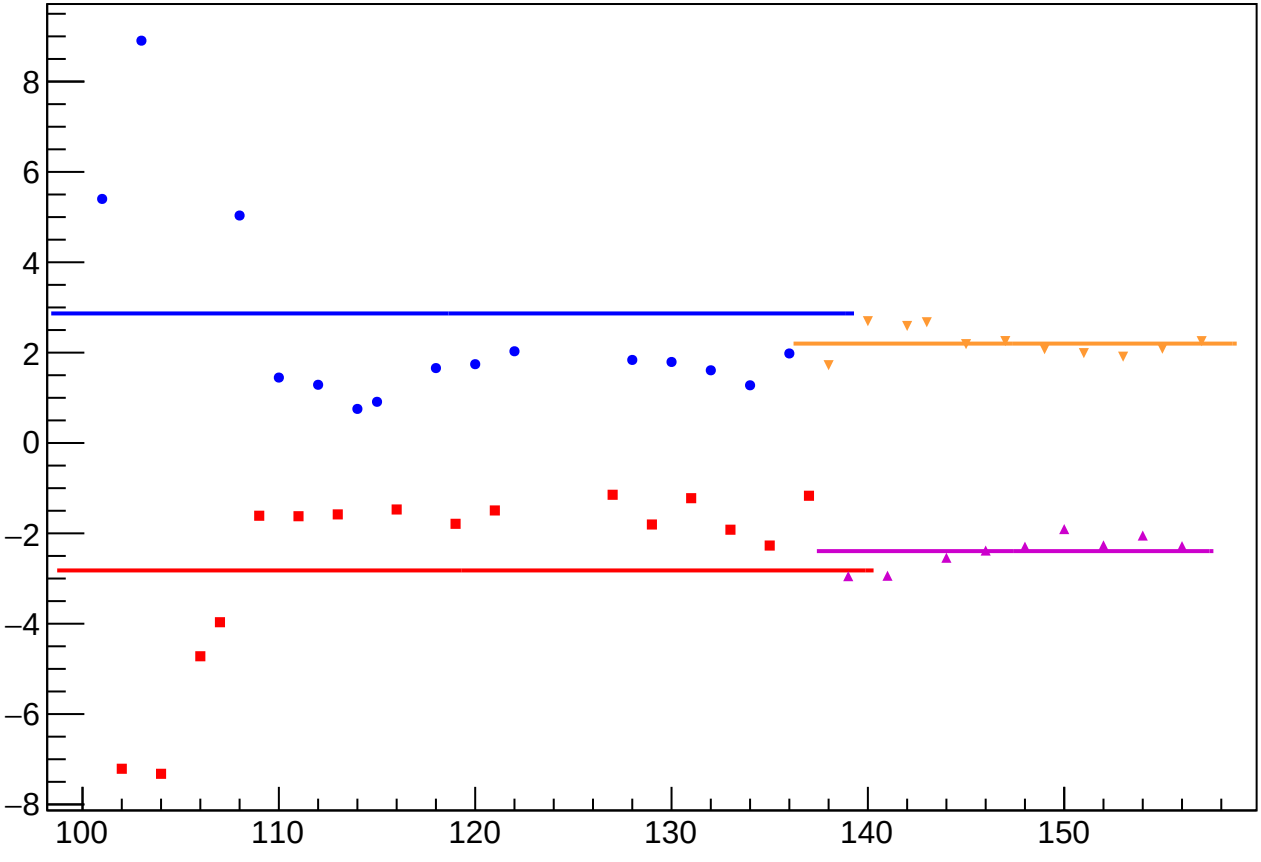
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15

Out: -32.888+/-0.000 χ^2/NDF:5217184657887355

Left In: 90.769+/-0.000 χ^2/NDF:3291374489477491649389226184251801 6.0/8

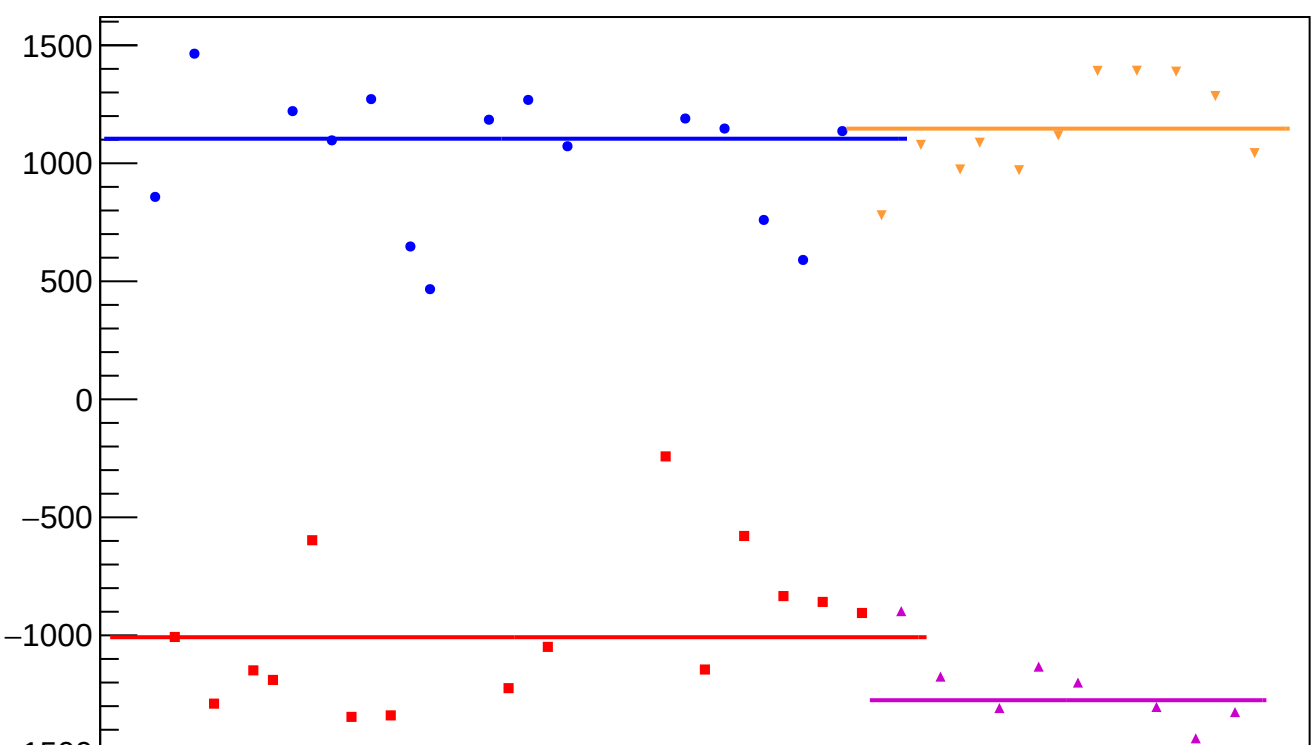
All: -1.155+/-0.000 χ^2/NDF: 1432955379943

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Left: 0.001+/-0.000 χ^2/NDF: 86160063008647899
Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14
Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172
Left Out: 2.200+/-0.000 χ^2/NDF:7330972478362563310960485859328 0.0/10
In: 0.015+/-0.000 χ^2/NDF:132829737208935948
Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15
Out: -0.027+/-0.000 χ^2/NDF:12484203184449907
Left In: -2.393+/-0.000 χ^2/NDF:8749090224095857900033981965926 4.0/8
All: -0.007+/-0.000 χ^2/NDF: 2576842063260

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

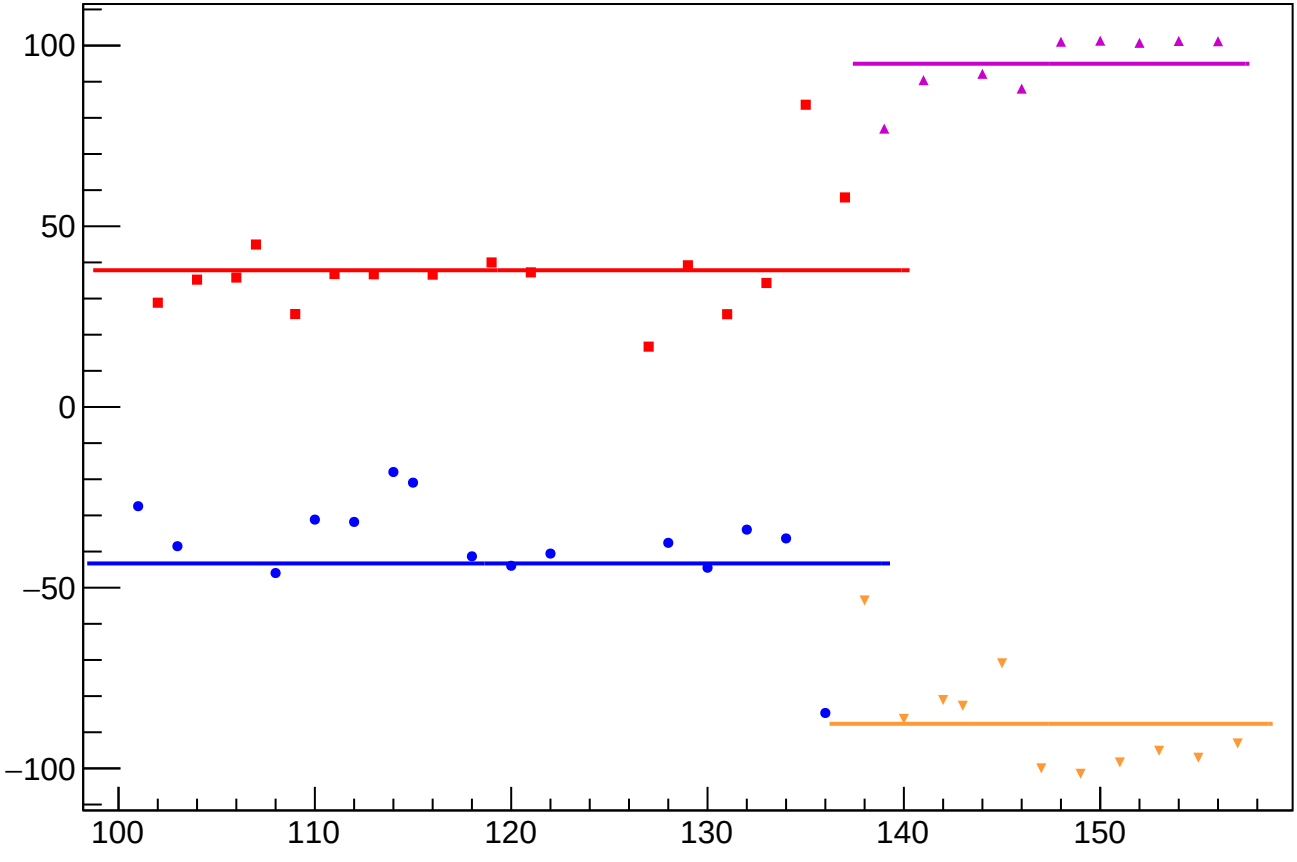
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: -0.209+/-0.000 χ^2/NDF: 13585317456005296

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -87.660+/-0.000 χ^2/NDF:16818224300155909971874153320415232 0.0/10

In: 31.693+/-0.000 χ^2/NDF:69766544274764407 8

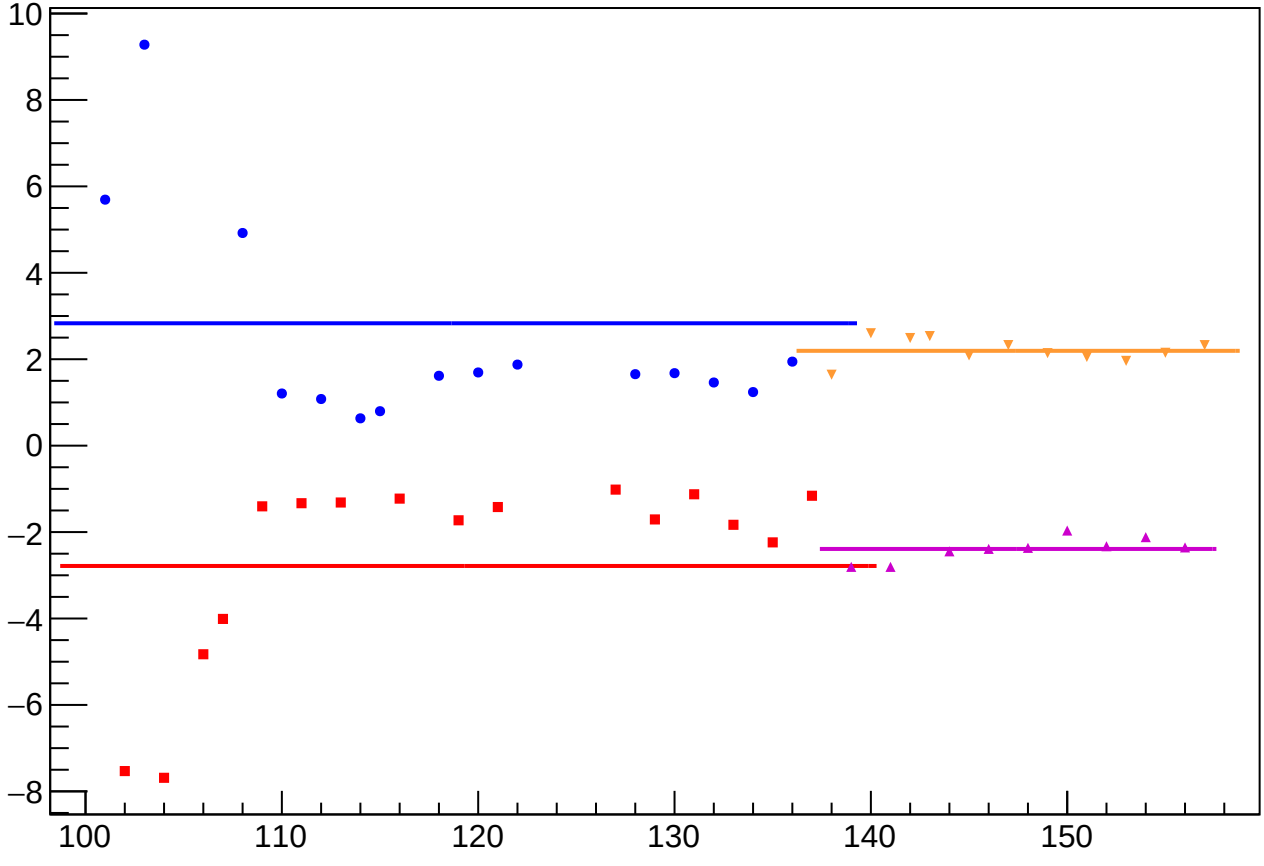
Right Out: 37.832+/-0.000 χ^2/NDF: 1486839339772049366346368438973235 20.0/15

Out: -32.006+/-0.000 χ^2/NDF:6162614430840496

Left In: 94.975+/-0.000 χ^2/NDF:4884969805546197060574415477224243 2.0/8

All: -1.094+/-0.000 χ^2/NDF: 1610079627550

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.001+/-0.000 χ^2/NDF: 85366505808350423

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.194+/-0.000 χ^2/NDF:594440106773707729700527863234 56.0/10

In: -0.000+/-0.000 χ^2/NDF:136085693299949612

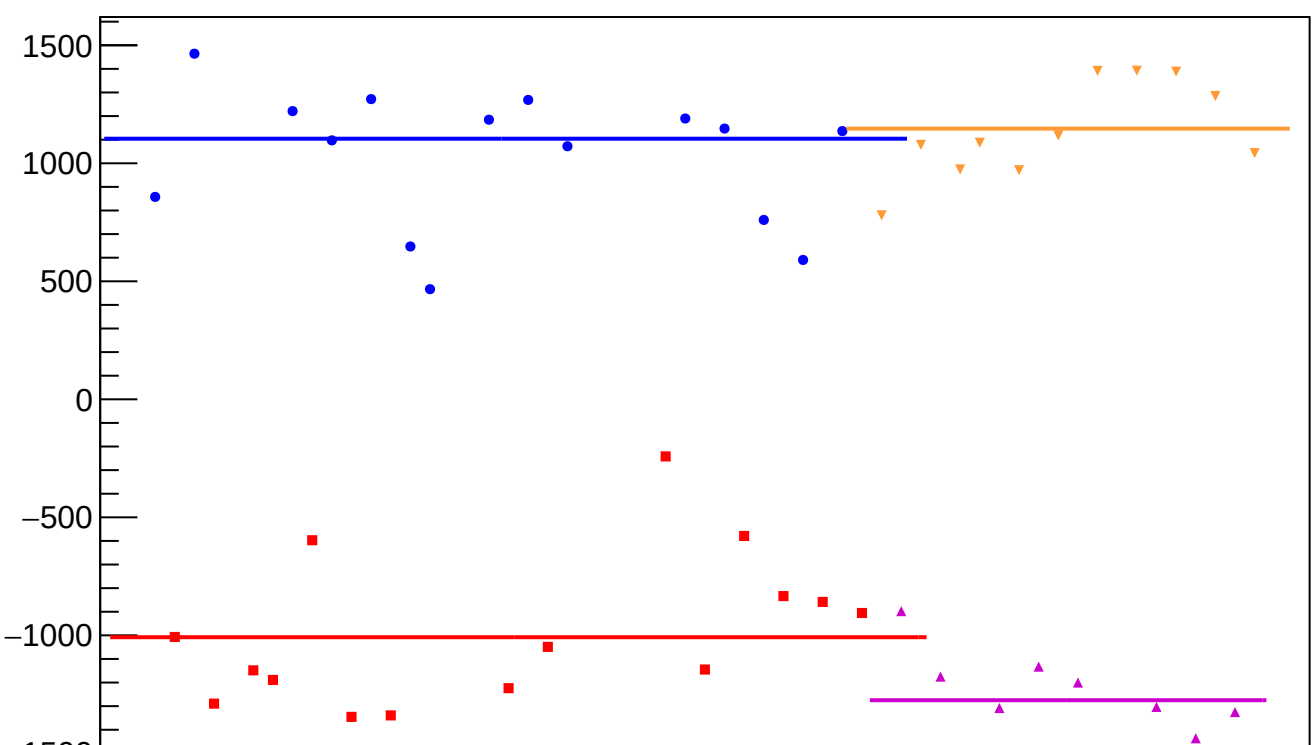
Right Out: -2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15

Out: -0.013+/-0.000 χ^2/NDF:12849793806372247

Left In: -2.390+/-0.000 χ^2/NDF:524353654771570187887328372981 76.0/8

All: -0.007+/-0.000 χ^2/NDF: 2645849075658

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

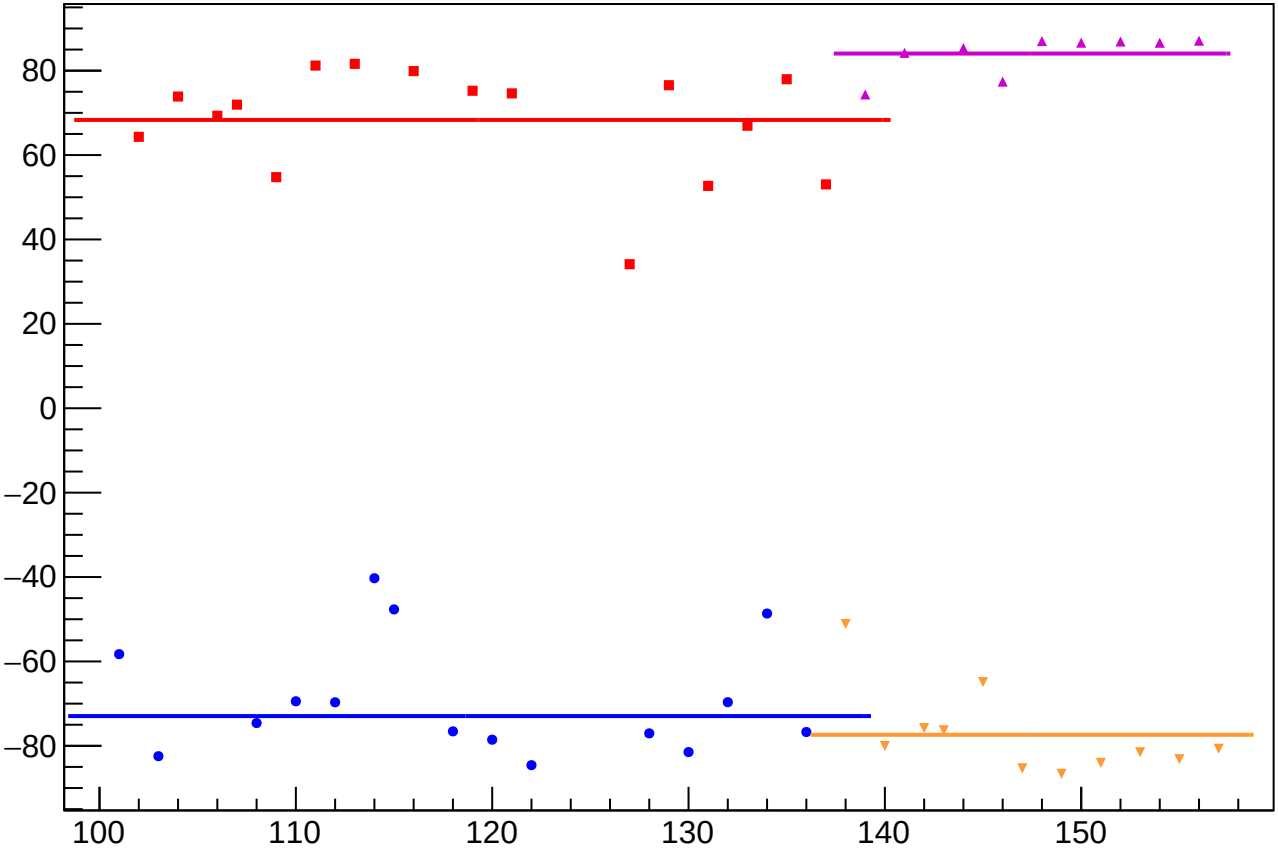
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: -0.082+/-0.000 χ^2/NDF: 10548084081162975

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -77.385+/-0.000 χ^2/NDF:876952669395091924418327967747276 80.0/10

In: 12.197+/-0.000 χ^2/NDF:875662342013709851

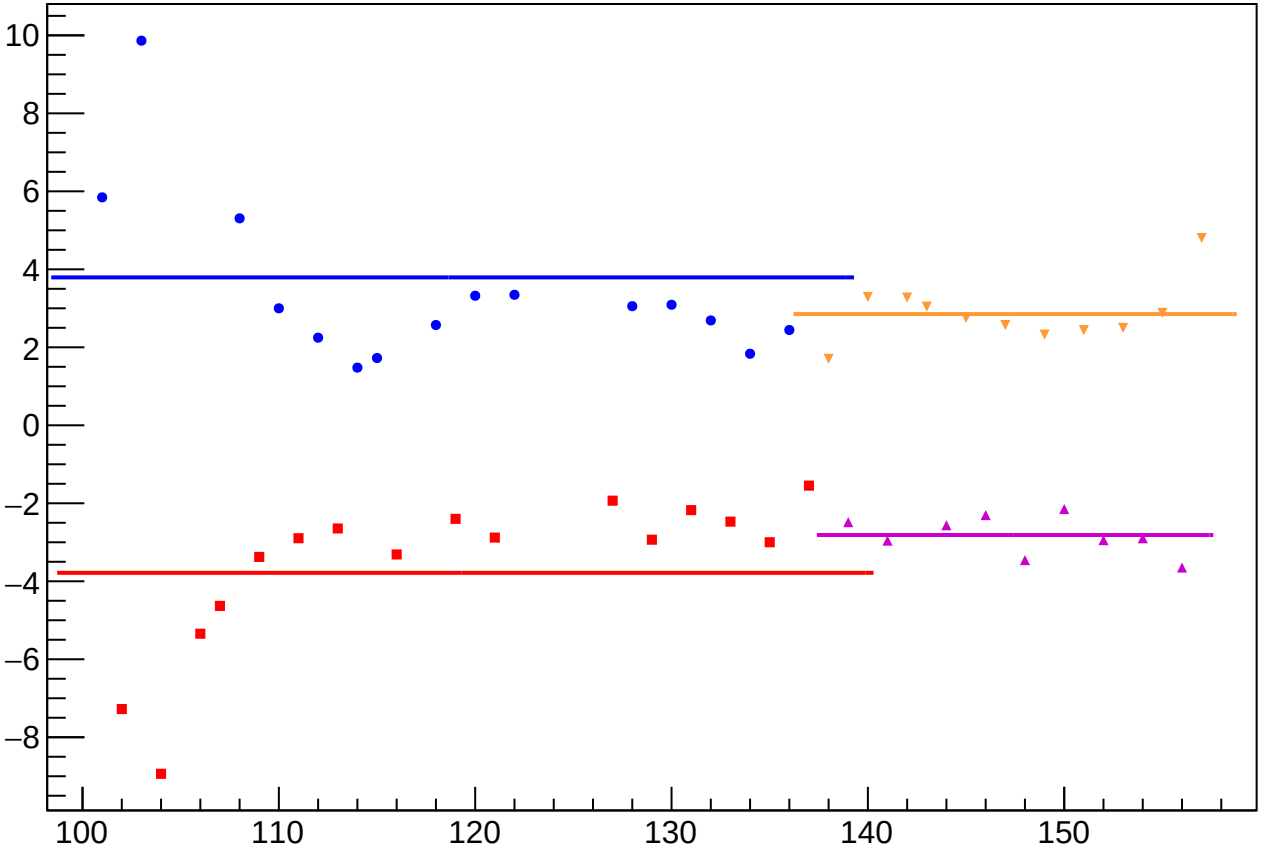
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: -12.765+/-0.000 χ^2/NDF:807521852315093 6

Left In: 84.056+/-0.000 χ^2/NDF:1480660770889391494847796002947072 0.0/8

All: -0.652+/-0.000 χ^2/NDF: 1728663298644

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.139+/-0.000 χ^2/NDF: 13514144422347449

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.851+/-0.000 χ^2/NDF:484095607674468823366748512190464.0/10

In: 0.210+/-0.000 χ^2/NDF:187349889875109494

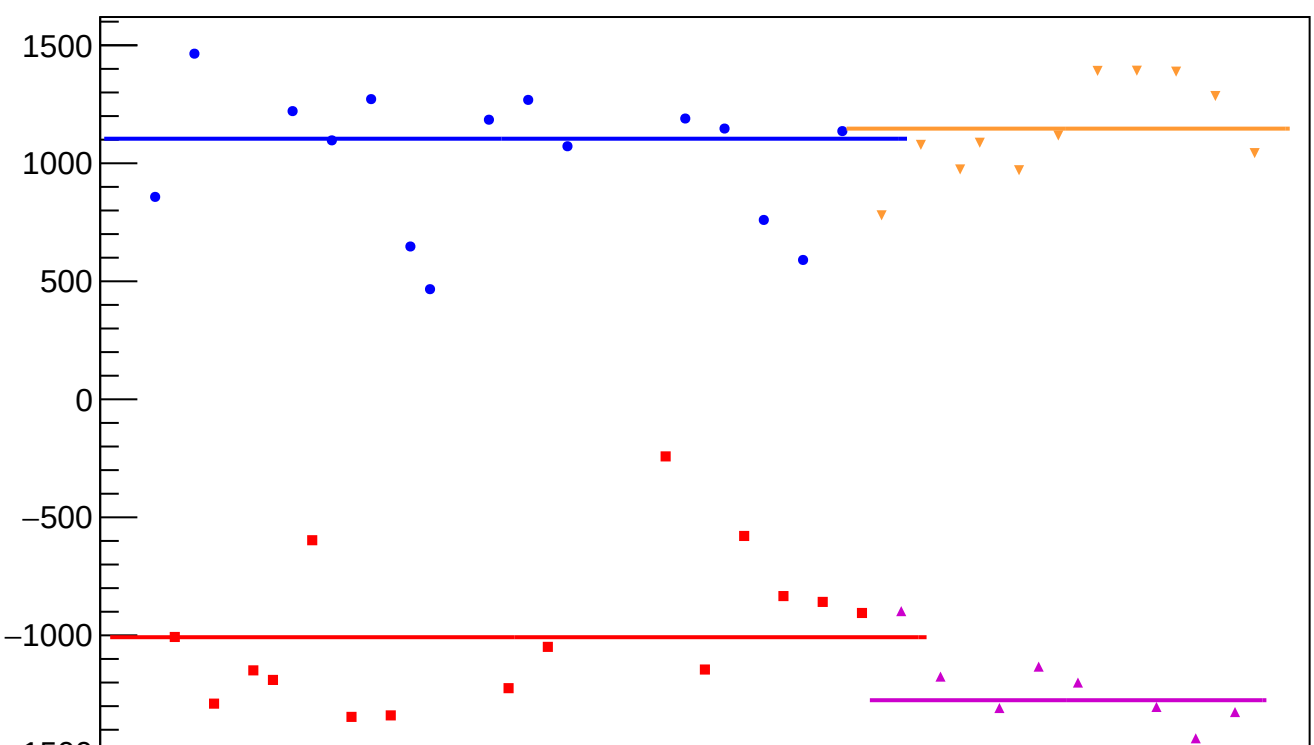
Right Out: -3.783+/-0.000 χ^2/NDF: 287858662219267665445233875537 1008.0/15

Out: -0.091+/-0.000 χ^2/NDF:19701603185680504

Left In: -2.813+/-0.000 χ^2/NDF:1707011237965016621749982325637 12.0/8

All: 0.055+/-0.000 χ^2/NDF: 3850285663543

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

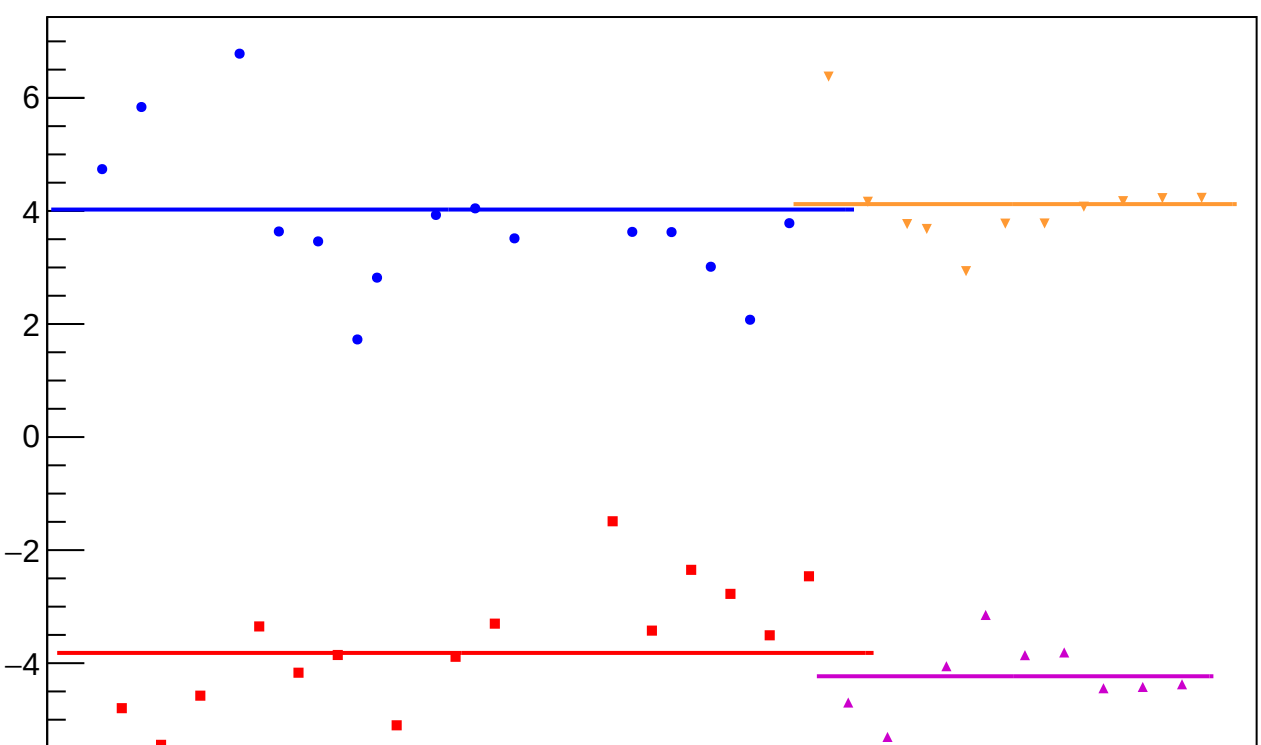
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: 0.122+/-0.000 χ^2/NDF: 28762835074520581

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 2189275488787973

Left Out: 4.121+/-0.000 χ^2/NDF:5510356045798398861079852823347 20.0/10

In: -0.453+/-0.000 χ^2/NDF:250129650886500064

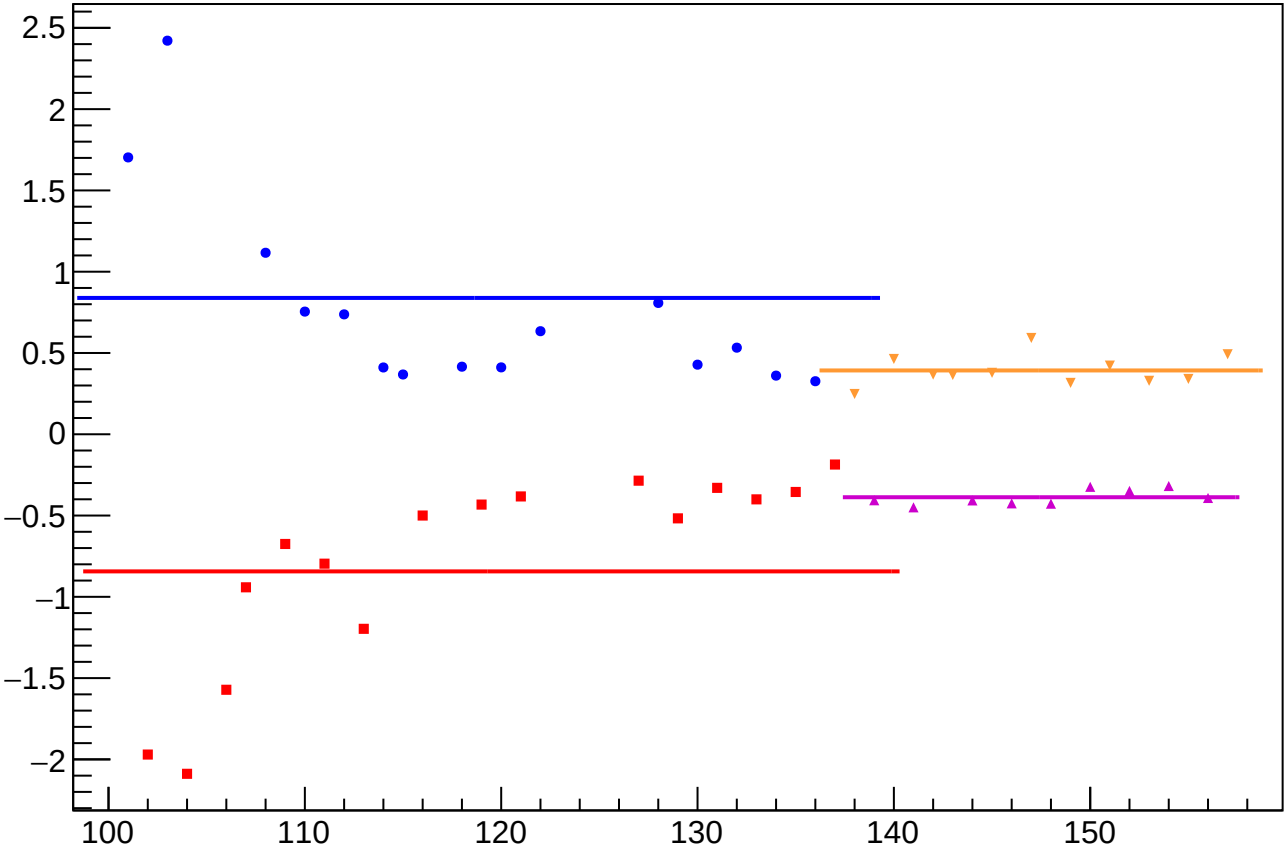
Right Out: -3.819+/-0.000 χ^2/NDF: 888232240226434329114859171479552.0/15

Out: 0.600+/-0.000 χ^2/NDF:24837730813916577 8

Left In: -4.231+/-0.000 χ^2/NDF:252401656586044187074501770477568.0/8

All: 0.089+/-0.000 χ^2/NDF: 5065934875475 2

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.019+/-0.000 χ^2/NDF: 252540326205014537

Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14

Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244

Left Out: 0.393+/-0.000 χ^2/NDF:7165687129871742170004969226240.0/10

In: 0.174+/-0.000 χ^2/NDF:789060752105189479 5

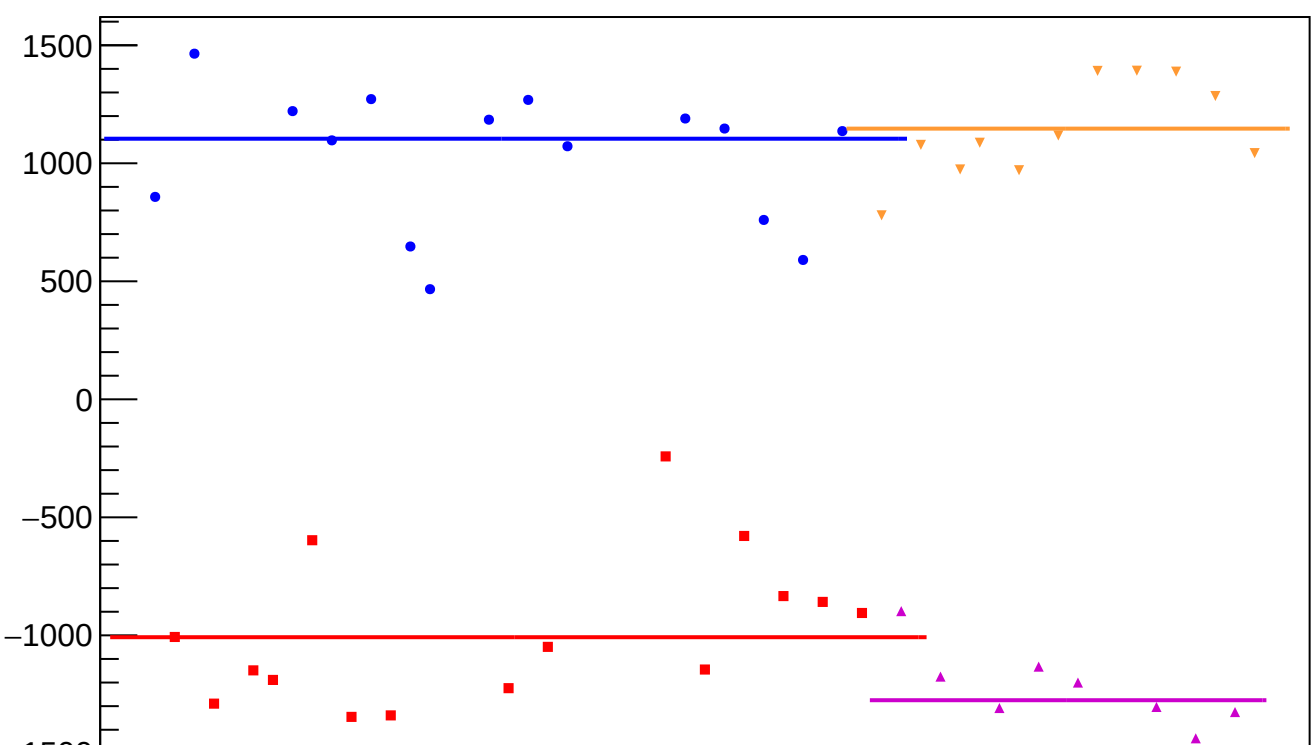
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15

Out: -0.156+/-0.000 χ^2/NDF:8272791594975829 4

Left In: -0.387+/-0.000 χ^2/NDF:1572138613627909864656140763136.0/8

All: 0.004+/-0.000 χ^2/NDF: 1695536527597 9

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

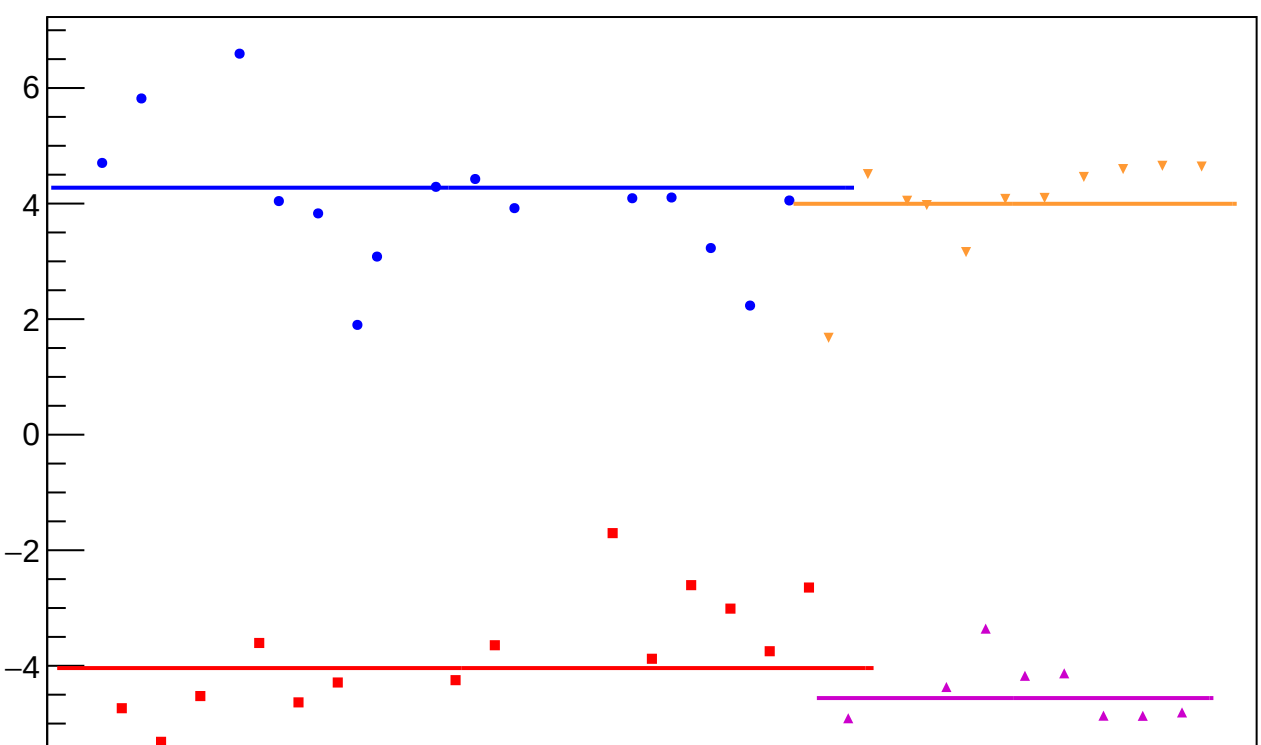
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.100+/-0.000 χ^2/NDF: 30216163481840703

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 2410811716301541 6

Left Out: 3.996+/-0.000 χ^2/NDF:614095408015001064538635801460736.0/10

In: -0.516+/-0.000 χ^2/NDF:283311489693907720

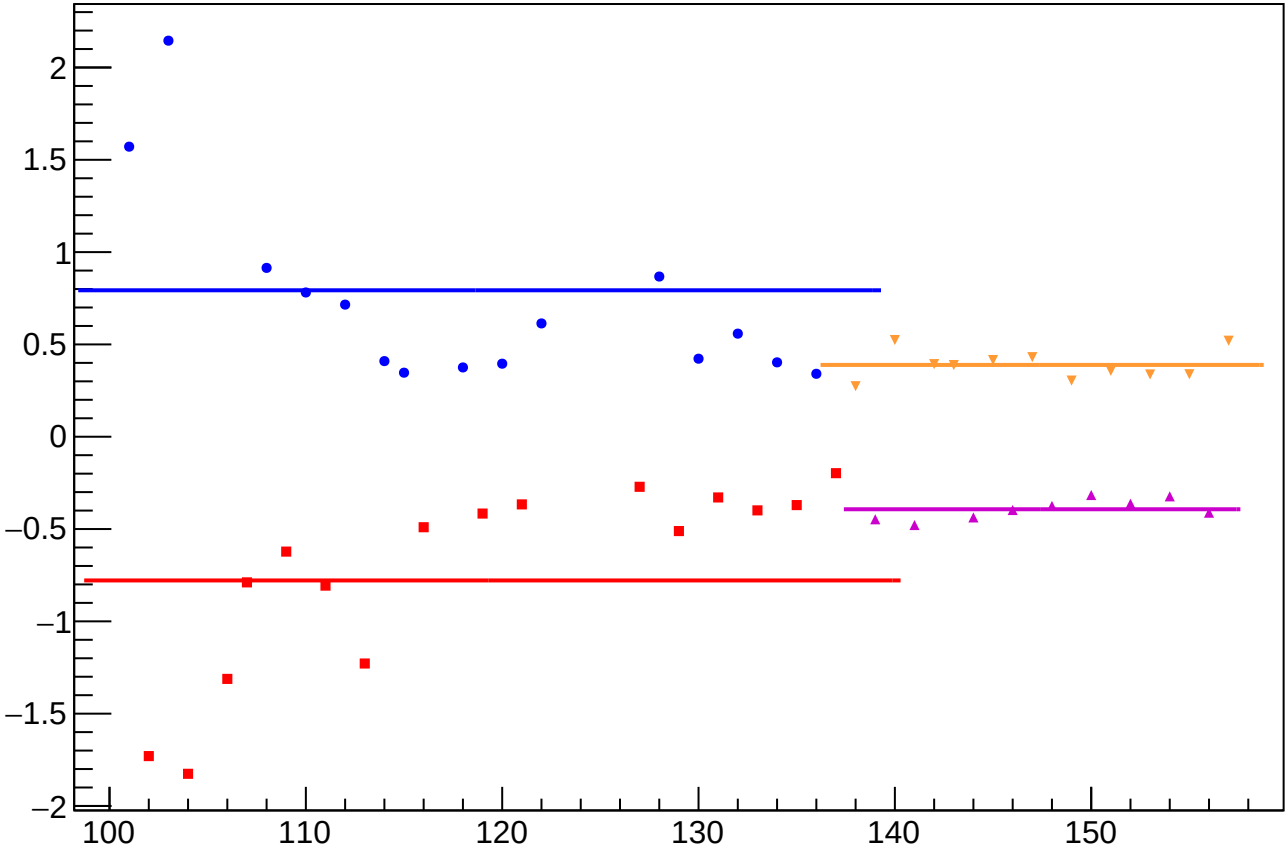
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.433+/-0.000 χ^2/NDF:253556447720416040

Left In: -4.559+/-0.000 χ^2/NDF:270928618111964468140384213532672.0/8

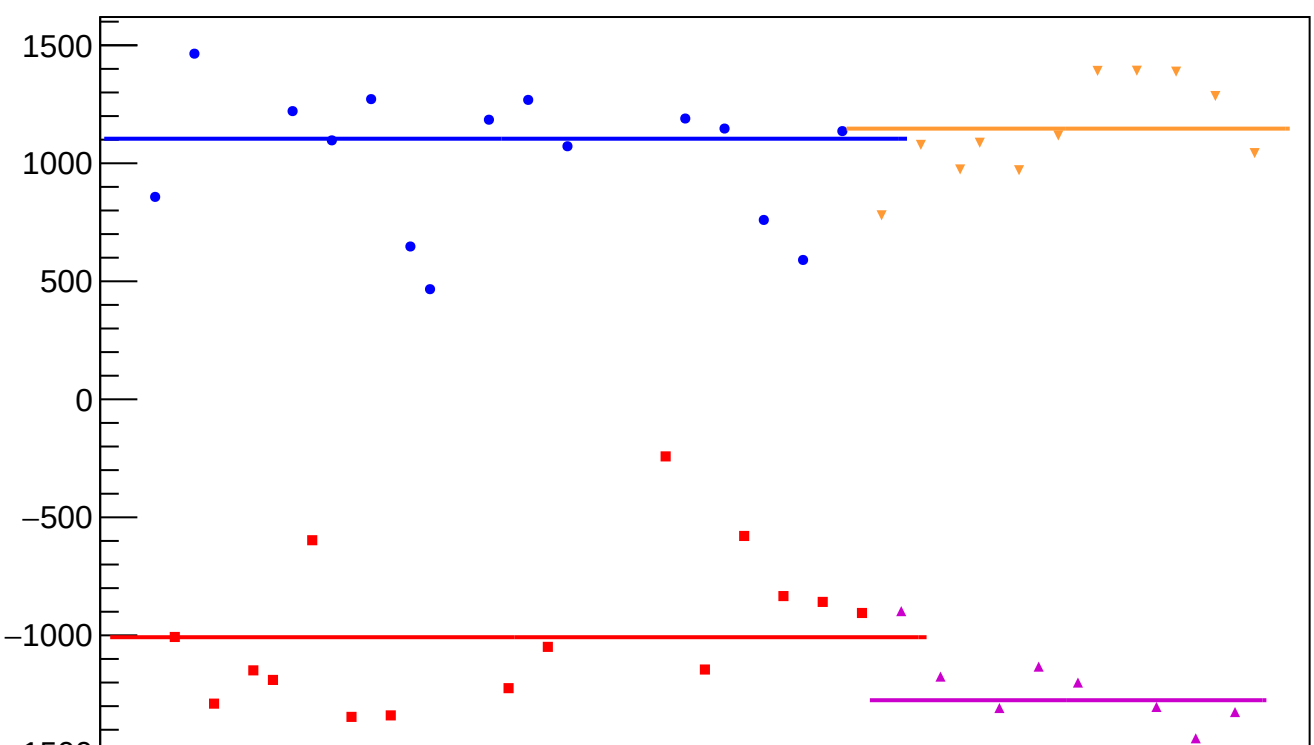
All: -0.028+/-0.000 χ^2/NDF: 5434299615542

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.015+/-0.000 χ^2/NDF: 25230317109845589
Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14
Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656
Left Out: 0.389+/-0.000 χ^2/NDF:51956702058924775450361410355 20.0/10
In: 0.150+/-0.000 χ^2/NDF:692815949507925299
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15
Out: -0.129+/-0.000 χ^2/NDF:69684104511523167
Left In: -0.393+/-0.000 χ^2/NDF:21458666742928532539500962 75504.0/8
All: 0.006+/-0.000 χ^2/NDF: 1446376398505

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

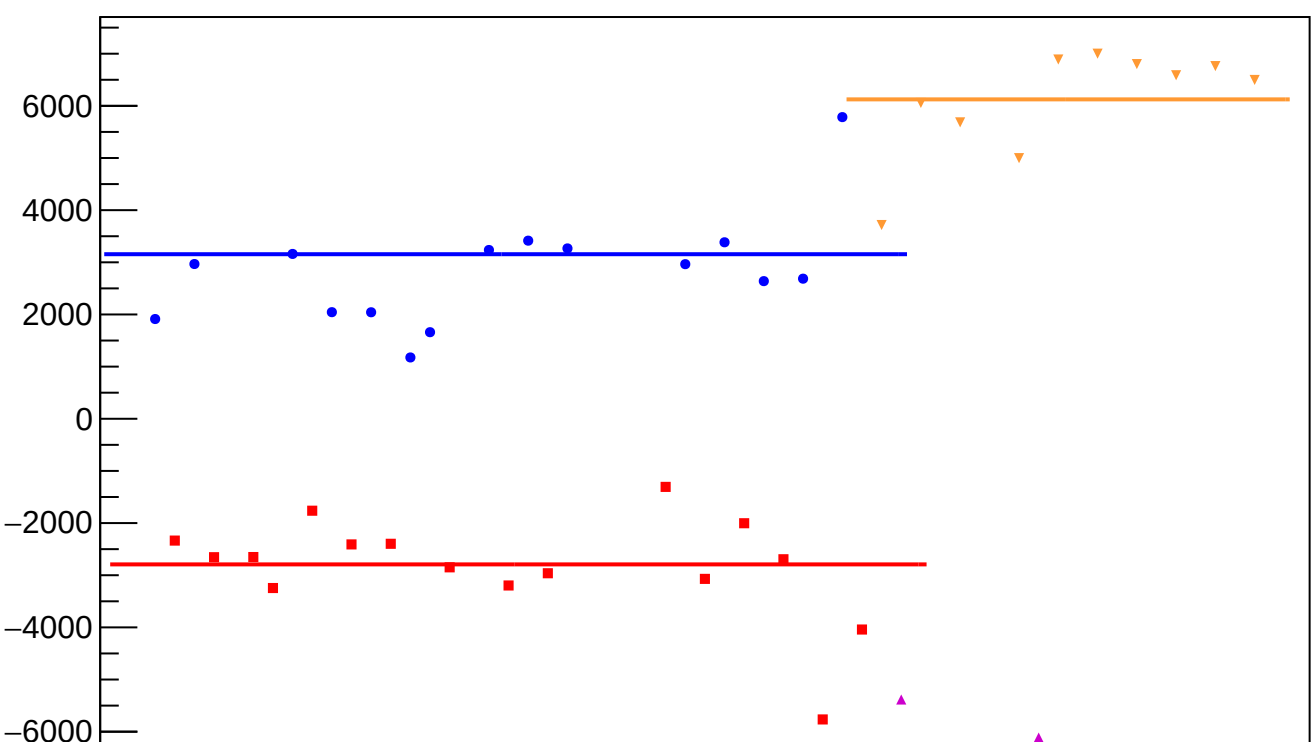
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

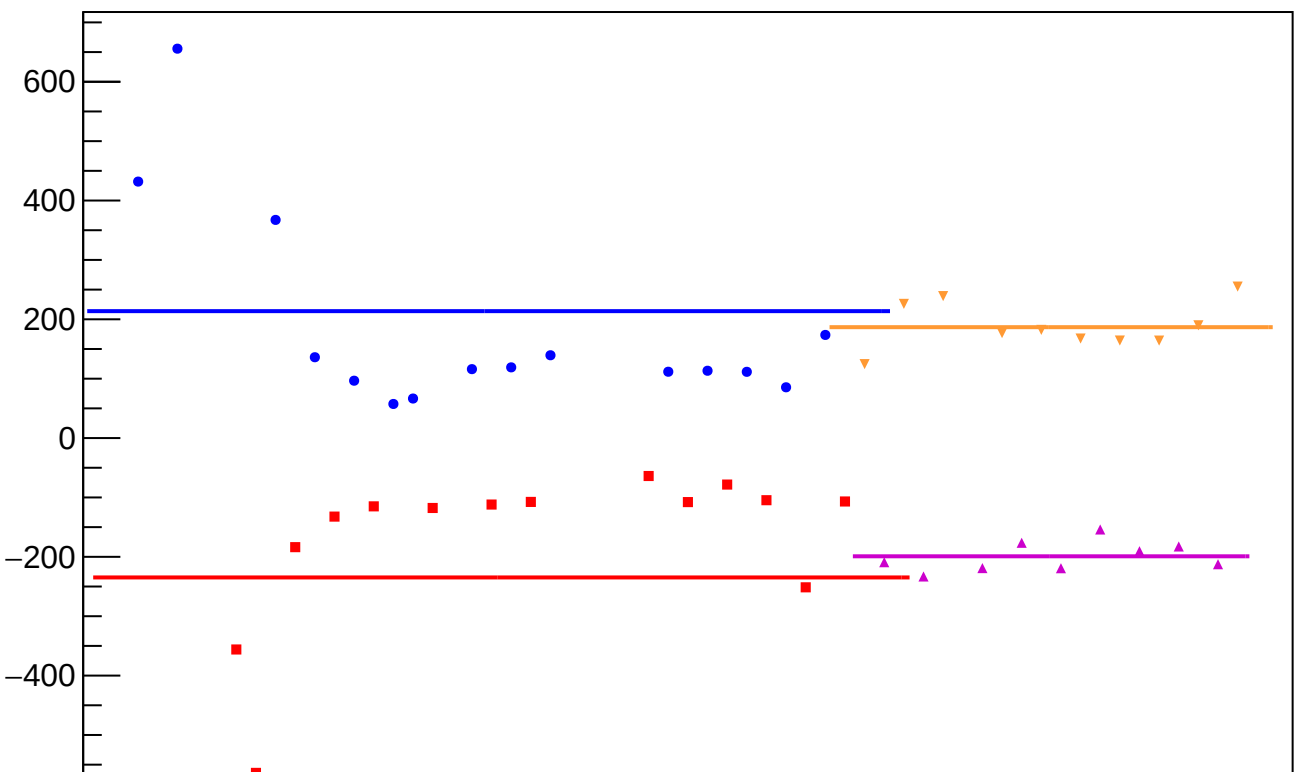
All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -243.171+/-0.000 χ^2/NDF: 634732239066405
Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14
Right: 140.919+/-0.000 χ^2/NDF: 132143468168130
Left Out: 6124.282+/-0.000 χ^2/NDF:7719561942372080292404330455698442813 44.0/9
In: -2145.318+/-0.000 χ^2/NDF:347513085556167
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15
Out: 1985.574+/-0.000 χ^2/NDF:298618307627619
Left In: -6618.905+/-0.000 χ^2/NDF:2221911096831788922959106251260921118 72.0/8
All: -66.127+/-0.000 χ^2/NDF: 767922244109

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -6.057+/-0.000 χ^2/NDF: 58772078985155943

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 186.734+/-0.000 χ^2/NDF:1046707237232137730135543709381427200.0/9

In: -10.148+/-0.000 χ^2/NDF:80153611453362592

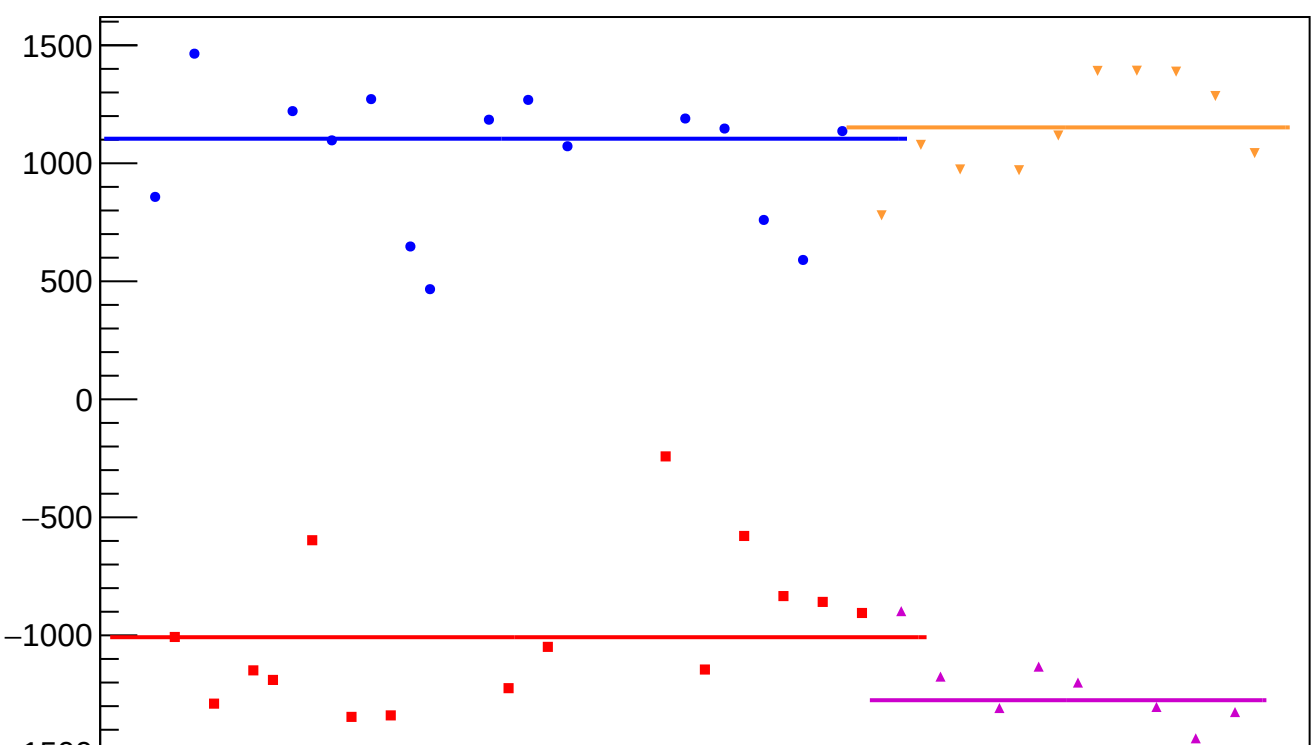
Right Out: -234.712+/-0.000 χ^2/NDF: 24013134107167214895189050481067425792.0/15

Out: -8.885+/-0.000 χ^2/NDF:88540844872579249

Left In: -199.099+/-0.000 χ^2/NDF:44886880724235520512884556873020211 2.0/8

All: -9.513+/-0.000 χ^2/NDF: 1686955950296

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -60.607+/-0.000 χ^2/NDF: 2327423437072446

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1152.052+/-0.000 χ^2/NDF:318435644763505318011202111180300615 68.0/9

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

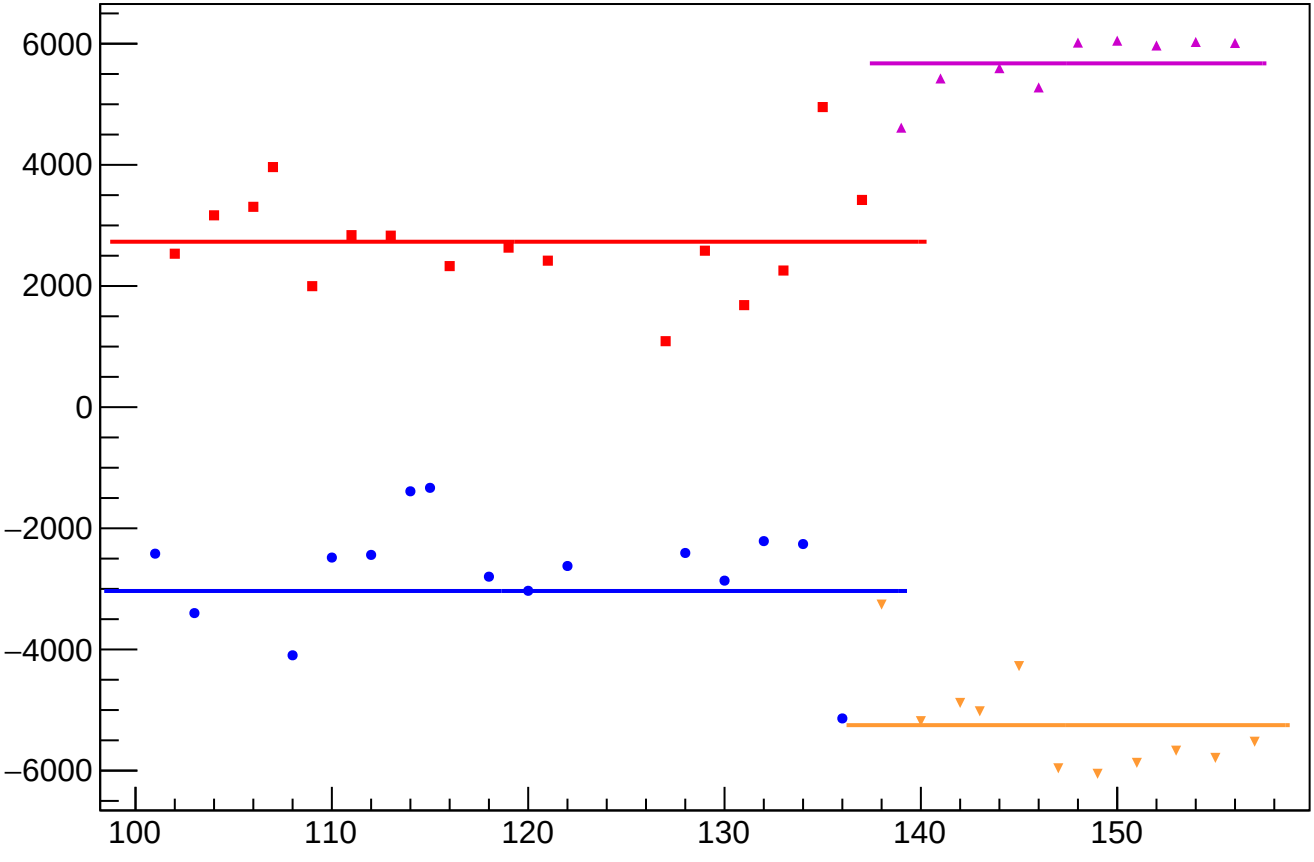
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 149.483+/-0.000 χ^2/NDF:176836138634695 9

Left In: -1274.843+/-0.000 χ^2/NDF:294735833121747385466878565757411655 68.0/8

All: -17.156+/-0.000 χ^2/NDF: 390281019739

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: -18.326+/-0.000 χ^2/NDF: 4855817126950103

Right In: -3034.527+/-0.000 χ^2/NDF: 6306945533534638685473351750909197025 28.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5249.444+/-0.000 χ^2/NDF:5639476194133174953894917008430989312 00.0/10

In: 1688.959+/-0.000 χ^2/NDF:274917926113675

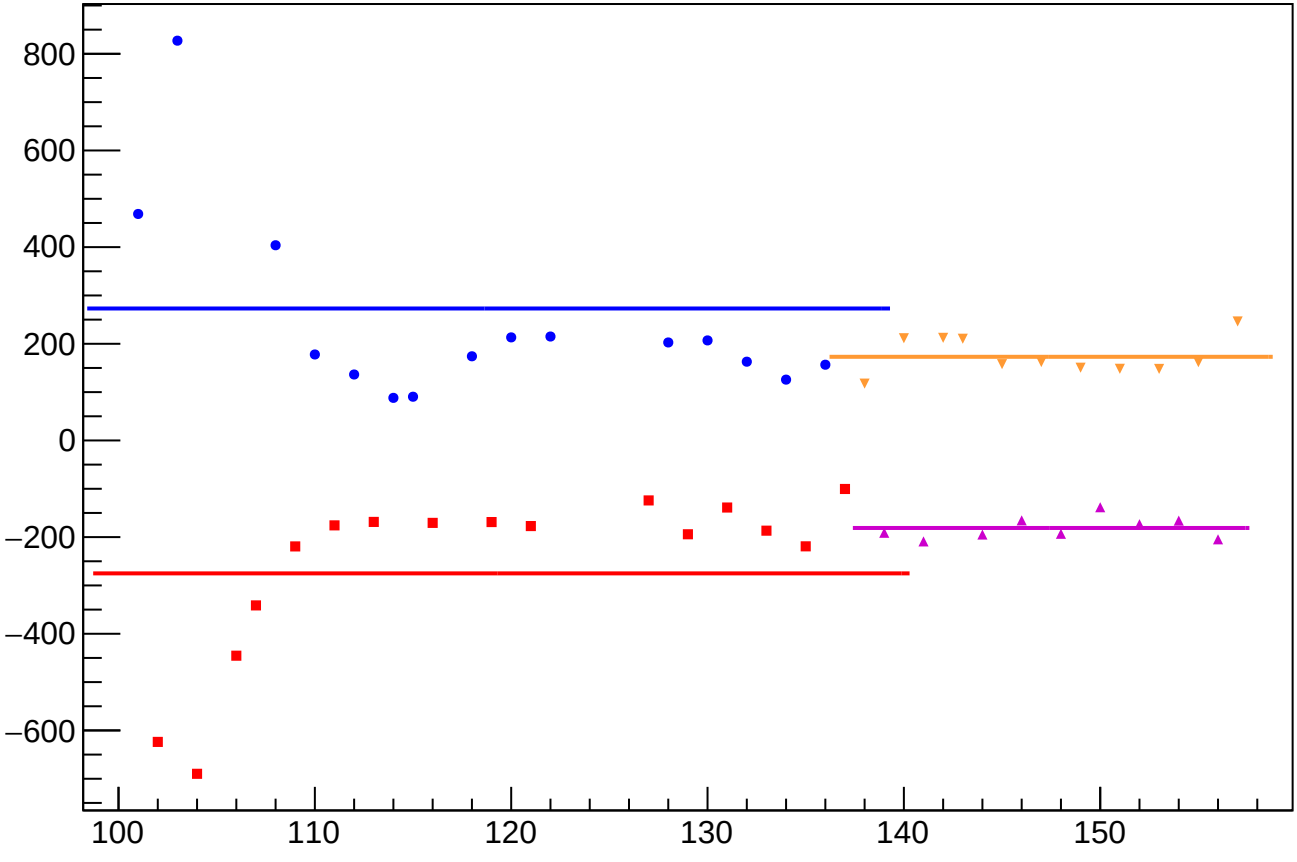
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

Out: -1710.229+/-0.000 χ^2/NDF:24732991347934

Left In: 5675.361+/-0.000 χ^2/NDF:1605613284003409229210691188342202040 32.0/8

All: -60.657+/-0.000 χ^2/NDF: 606580212008

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Left Out: 173.076+/-0.000 χ^2/NDF:1129400015255245960552727292428681216.0/10

Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Left In: -181.098+/-0.000 χ^2/NDF:3601648445269922693057844046651719 68.0/8

Left: 3.487+/-0.000 χ^2/NDF: 5176303678001162 11

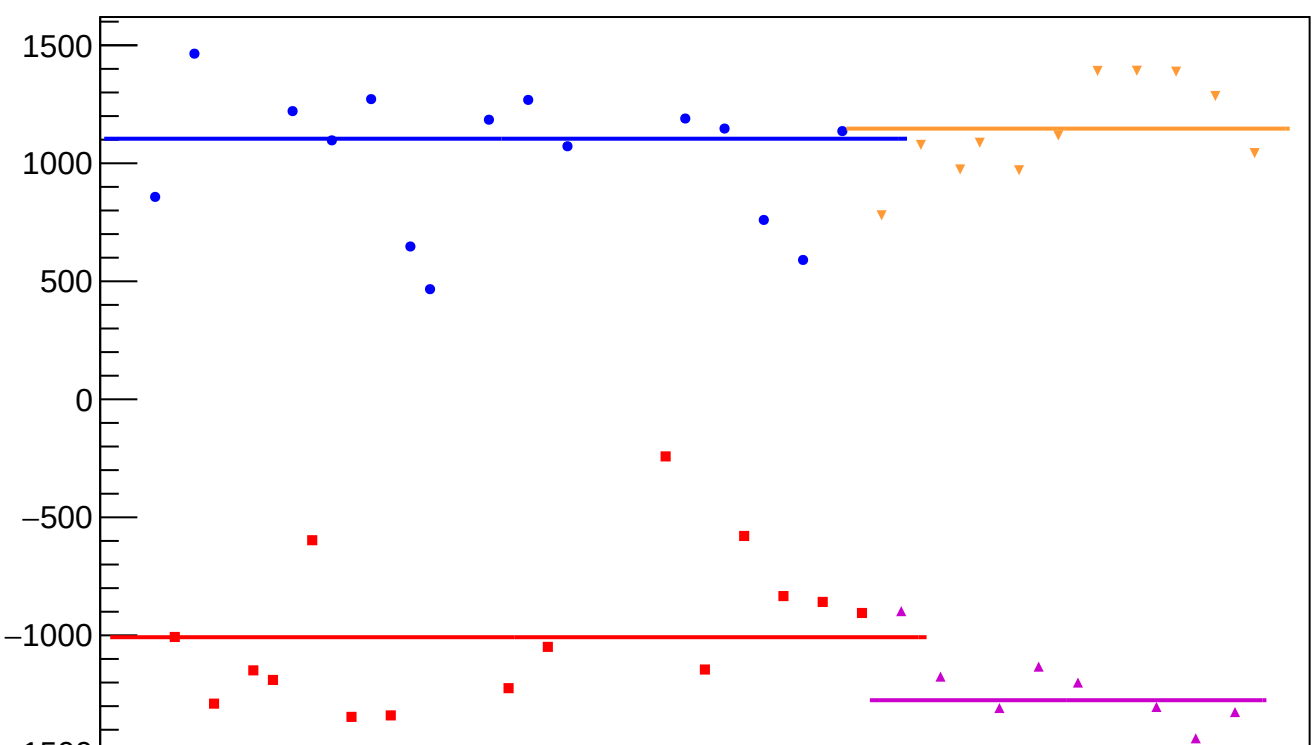
Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152 0

In: 26.754+/-0.000 χ^2/NDF:9943455519030239 43

Out: -25.658+/-0.000 χ^2/NDF:9793442504020025

All: -0.223+/-0.000 χ^2/NDF: 1993739690416

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

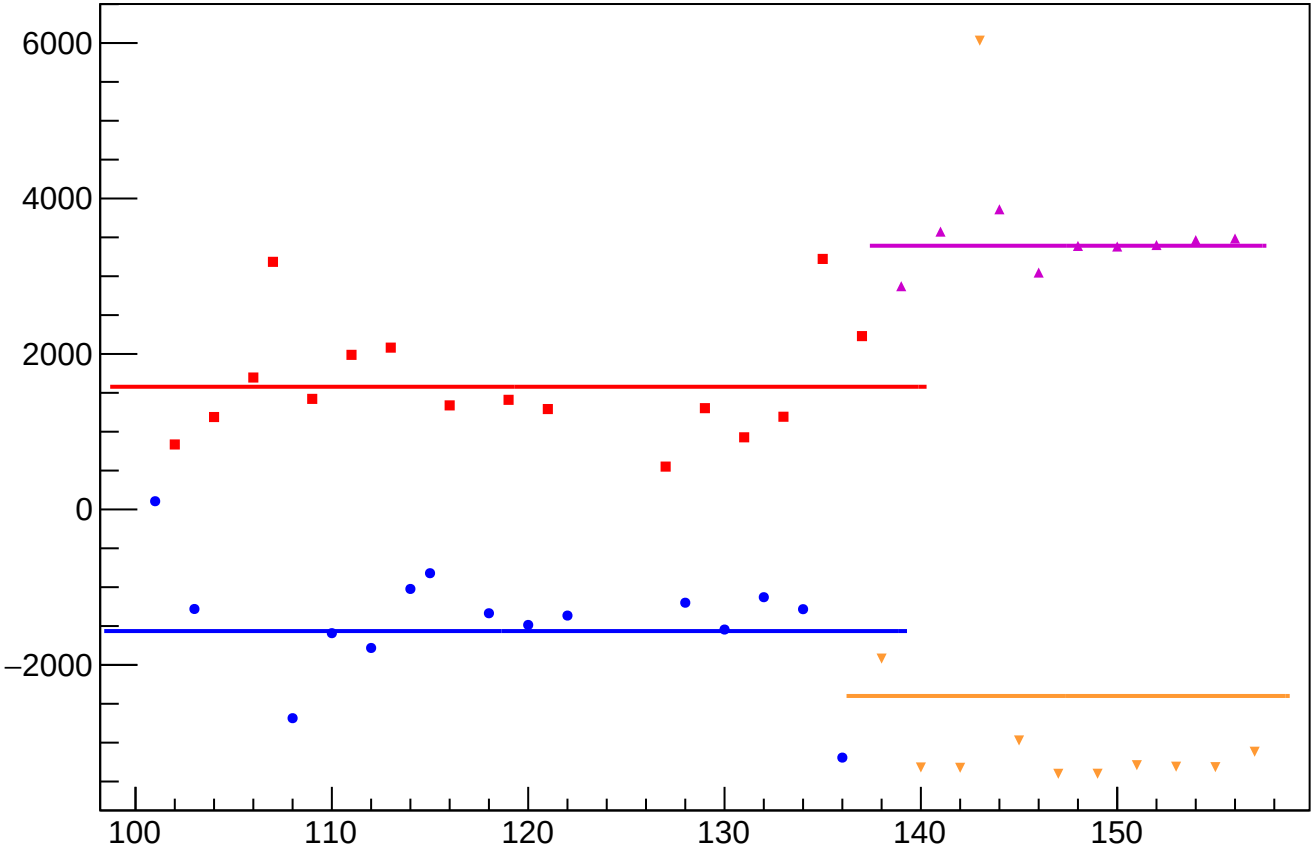
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_atl1_coil3_mean vs Slug, Sign Corrected



Left: 373.756+/-0.000 χ^2/NDF: 1881541649322123

Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14

Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694

Left Out: -2399.531+/-0.000 χ^2/NDF:5315856052555400666600950075486210359296.0/10

In: 1123.581+/-0.000 χ^2/NDF:918714192403262 8

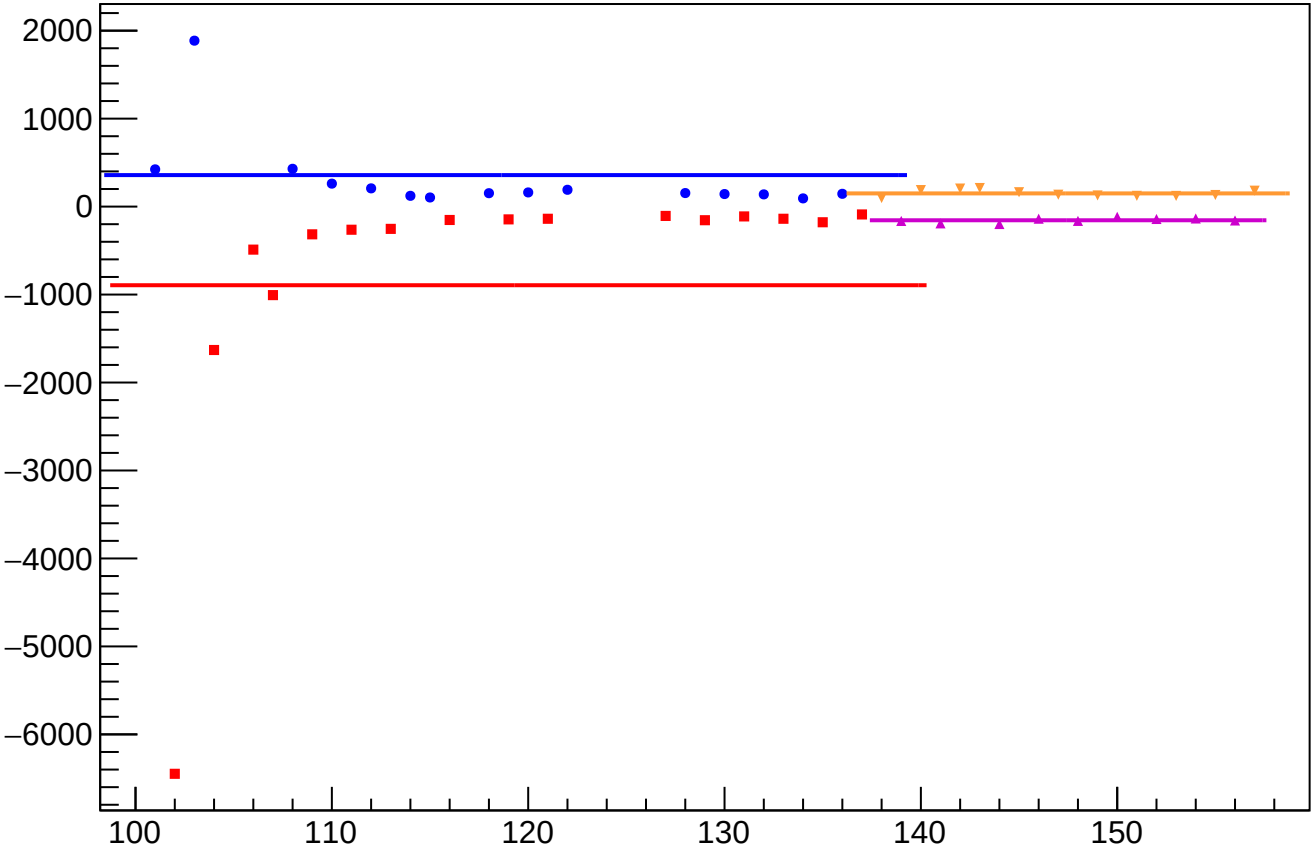
Right Out: 1578.178+/-0.000 χ^2/NDF: 36845057255621756407196320358109859020 8.0/15

Out: -635.480+/-0.000 χ^2/NDF:115574343651454

Left In: 3392.275+/-0.000 χ^2/NDF:553806037621516860376346252479708528 64.0/8

All: 218.164+/-0.000 χ^2/NDF: 230030016743

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: 3.710+/-0.000 χ^2/NDF: 389086199795125002

Right In: 358.080+/-0.000 χ^2/NDF: 157922789145697858165644452090202816512.0/14

Right: -276.471+/-0.000 χ^2/NDF: 27494361834519

Left Out: 149.937+/-0.000 χ^2/NDF:10321742476134194150234356540044738 56.0/10

In: 79.587+/-0.000 χ^2/NDF:251238494269733247

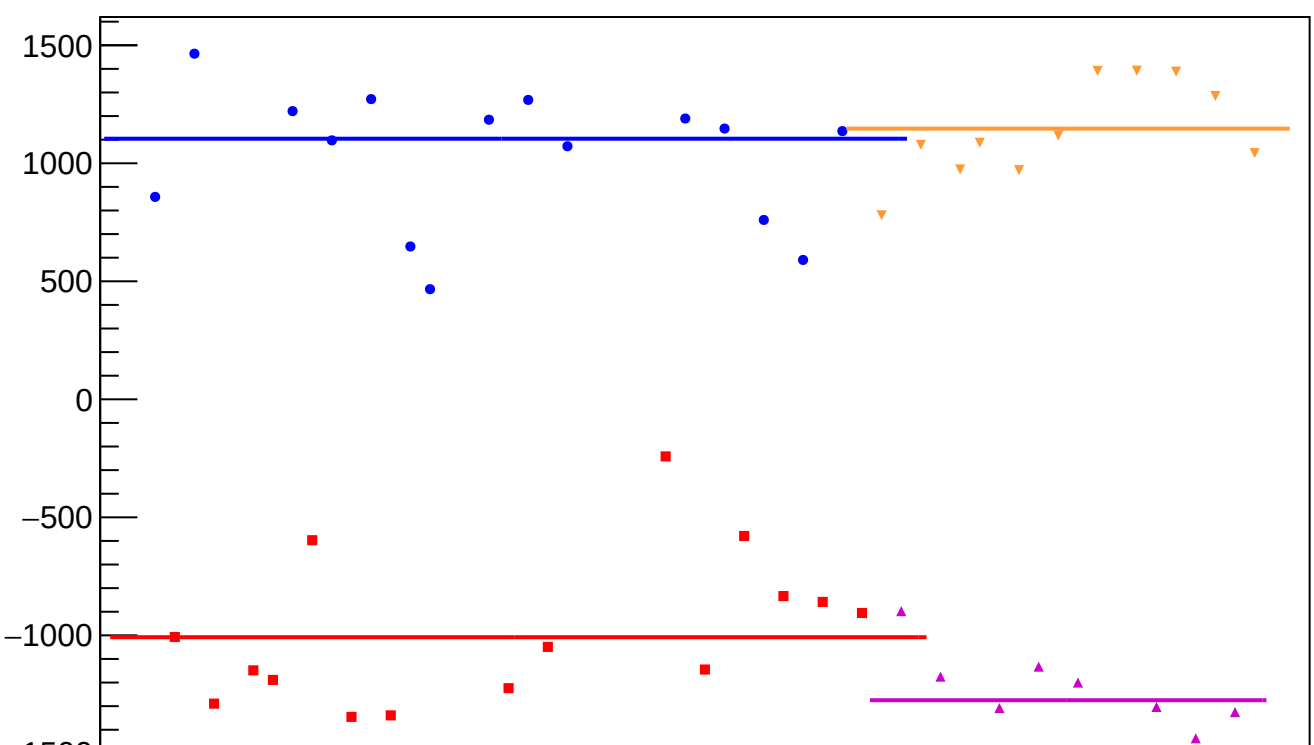
Right Out: -893.897+/-0.000 χ^2/NDF: 207592015577420104357269565679780390 5024.0/15

Out: -312.987+/-0.000 χ^2/NDF:248140373577120

Left In: -155.448+/-0.000 χ^2/NDF:499583200212025604705603314992021504.0/8

All: -122.477+/-0.000 χ^2/NDF: 28451249174

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

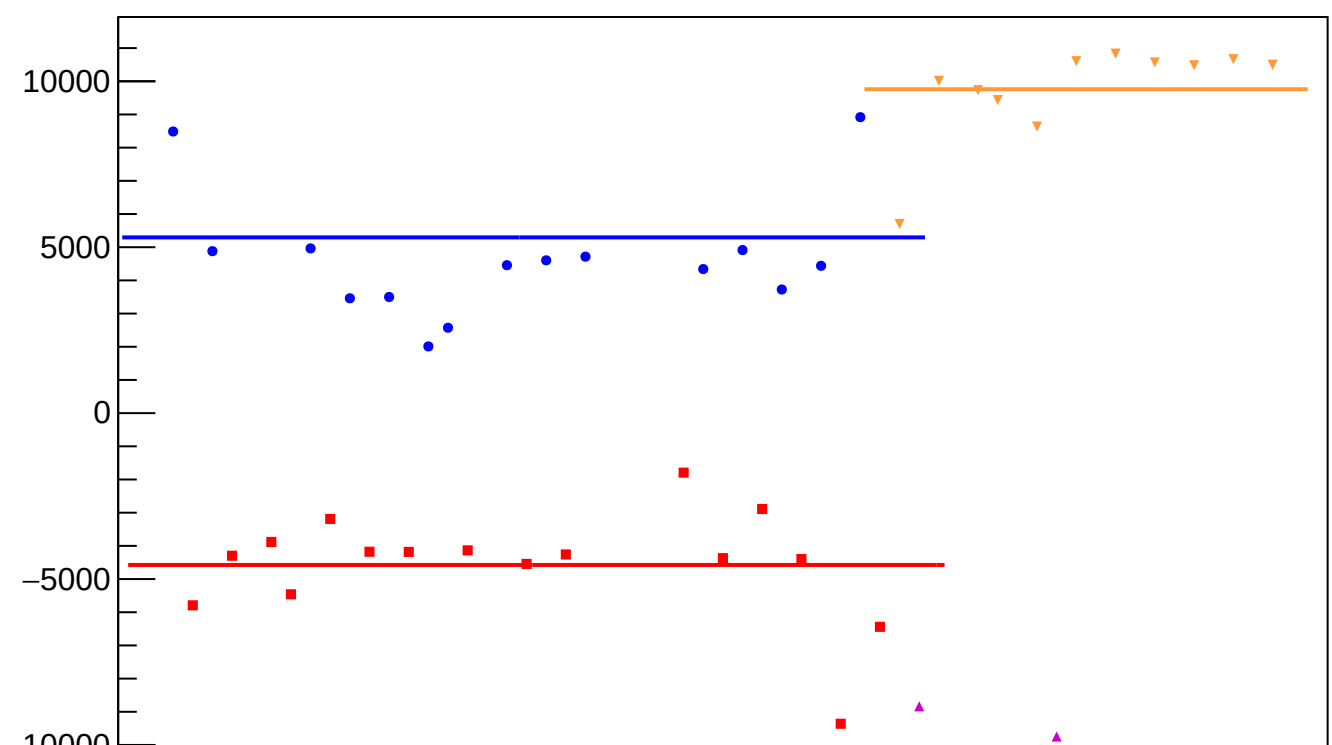
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_atl2_coil3_mean vs Slug, Sign Corrected



Left: -21.915+/-0.000 χ^2/NDF: 1694662742315137

Right In: 5295.485+/-0.000 χ^2/NDF: 2505645232968263275444048016093183213568.0/14

Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

Left Out: 9760.222+/-0.000 χ^2/NDF:1755491383581934318693739674842383253504.0/10

In: -3362.294+/-0.000 χ^2/NDF:926518039737735

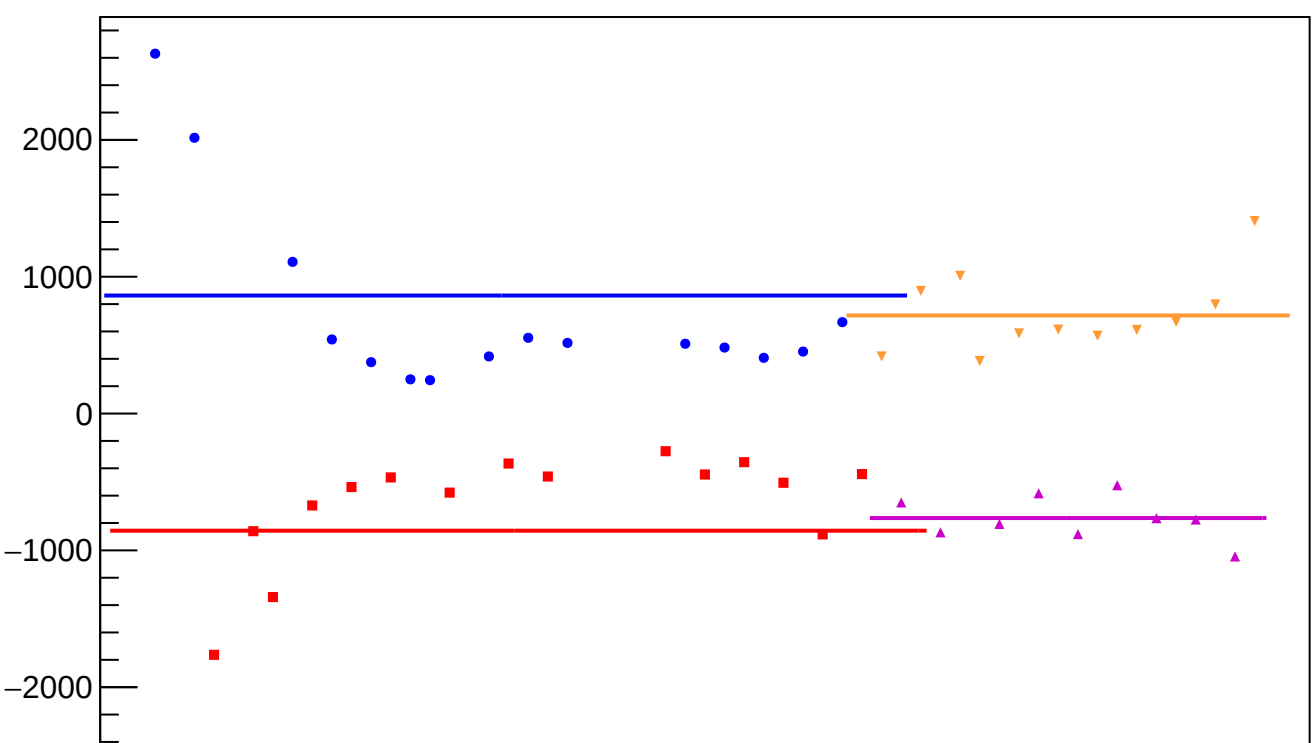
Right Out: -4575.270+/-0.000 χ^2/NDF: 1863322094770403739096100800072716910592.0/15

Out: 3402.660+/-0.000 χ^2/NDF:799019758612211

Left In: -10669.054+/-0.000 χ^2/NDF:4430369330062020996176588226718586634 24.0/8

All: 119.736+/-0.000 χ^2/NDF: 205955860613

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Left: 8.110+/-0.000 χ^2/NDF: 960562301893718513

Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14

Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894

Left Out: 717.185+/-0.000 χ^2/NDF:641229693897361033137267613122366013 44.0/10

In: -19.307+/-0.000 χ^2/NDF:1286186177212530 6

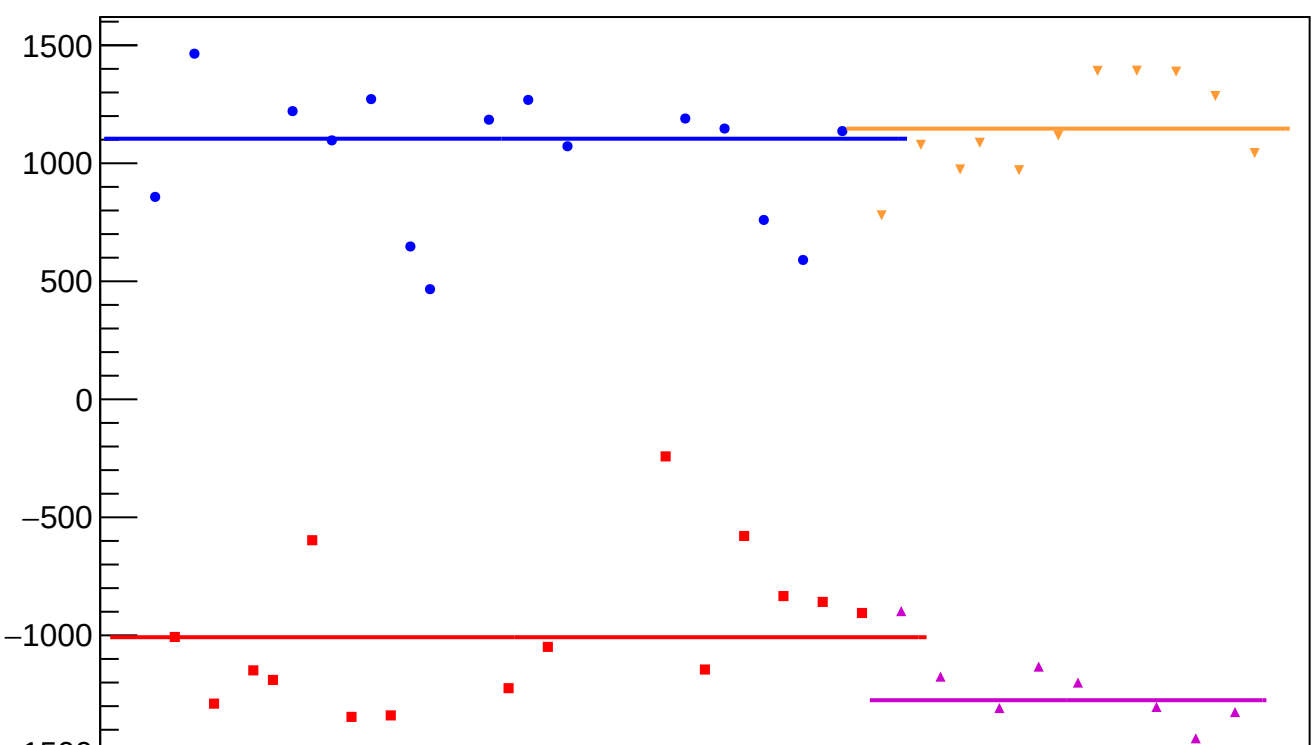
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15

Out: 19.476+/-0.000 χ^2/NDF:1310063840892241 4

Left In: -763.666+/-0.000 χ^2/NDF:1756110464289869368552032211471381299 2.0/8

All: 0.655+/-0.000 χ^2/NDF: 2597347864670 5

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

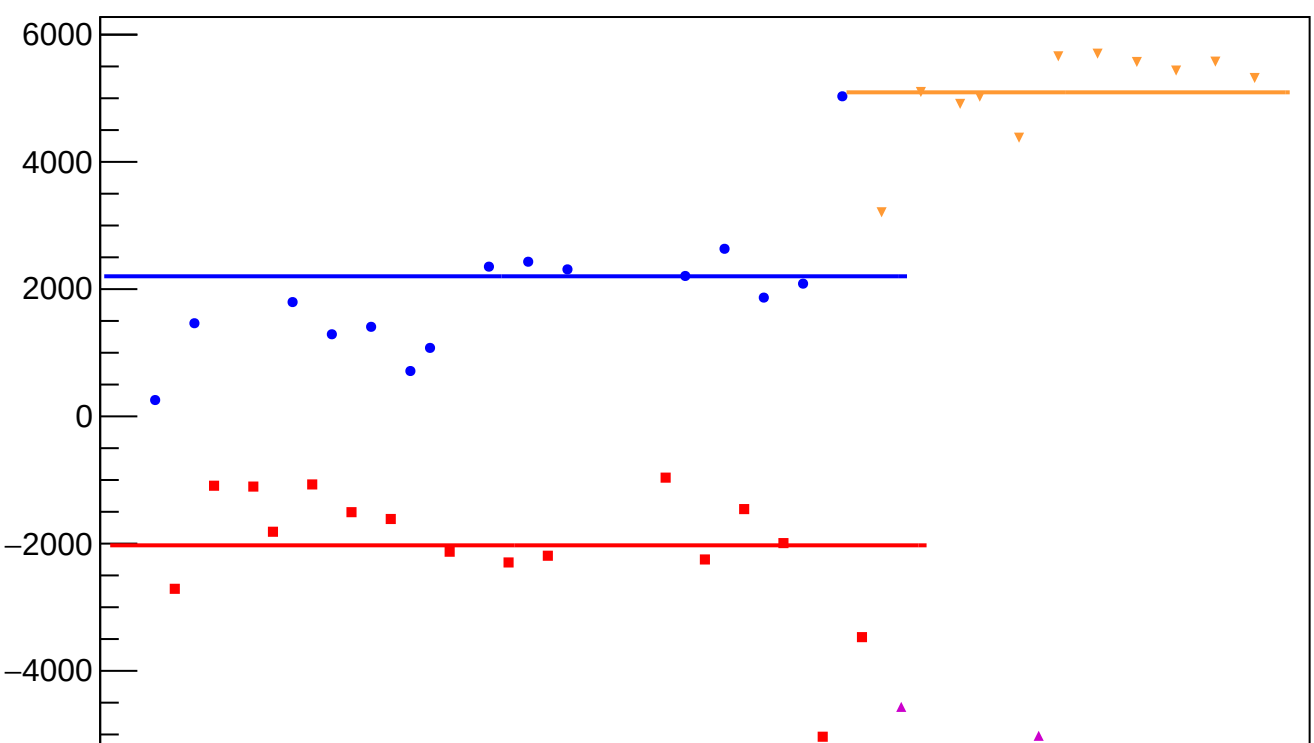
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

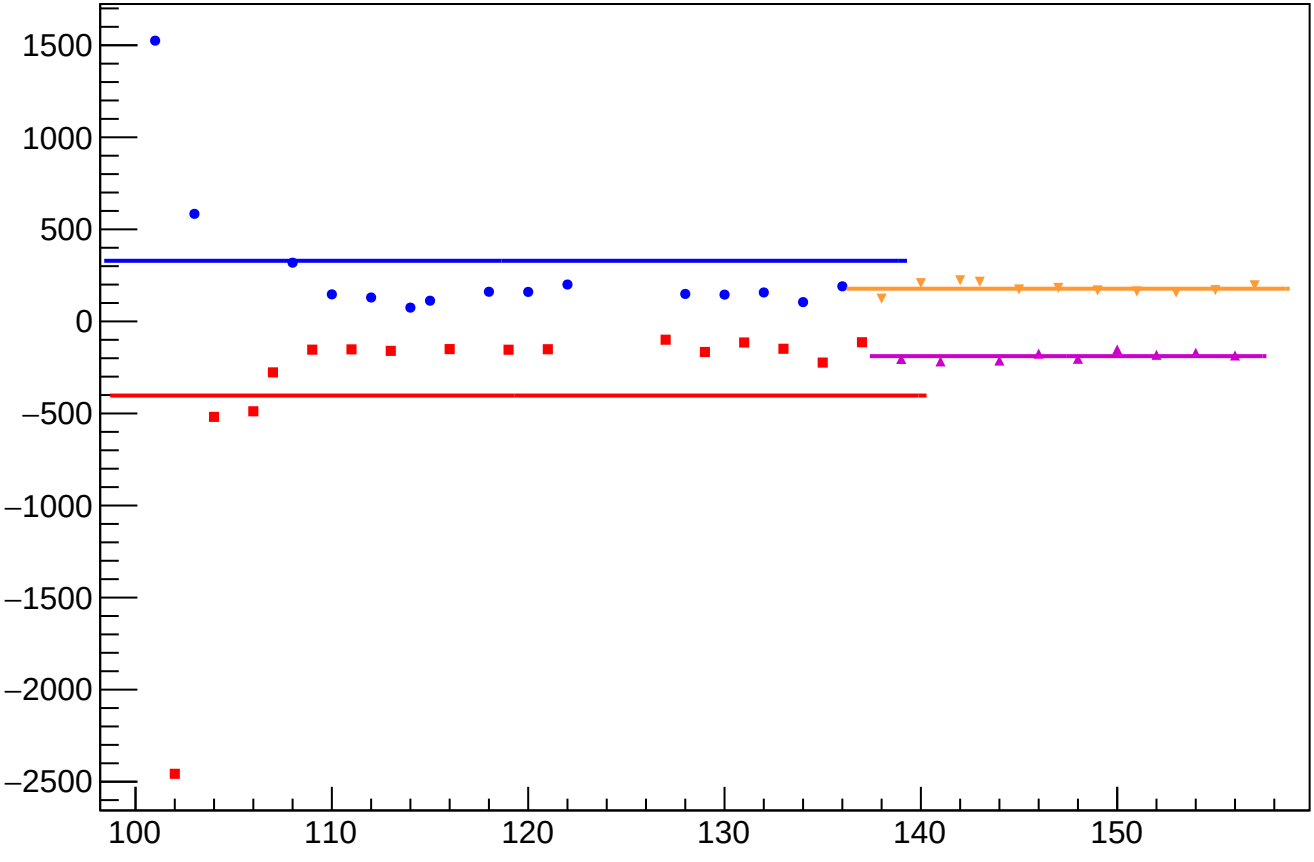
All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_atr1_coil3_mean vs Slug, Sign Corrected



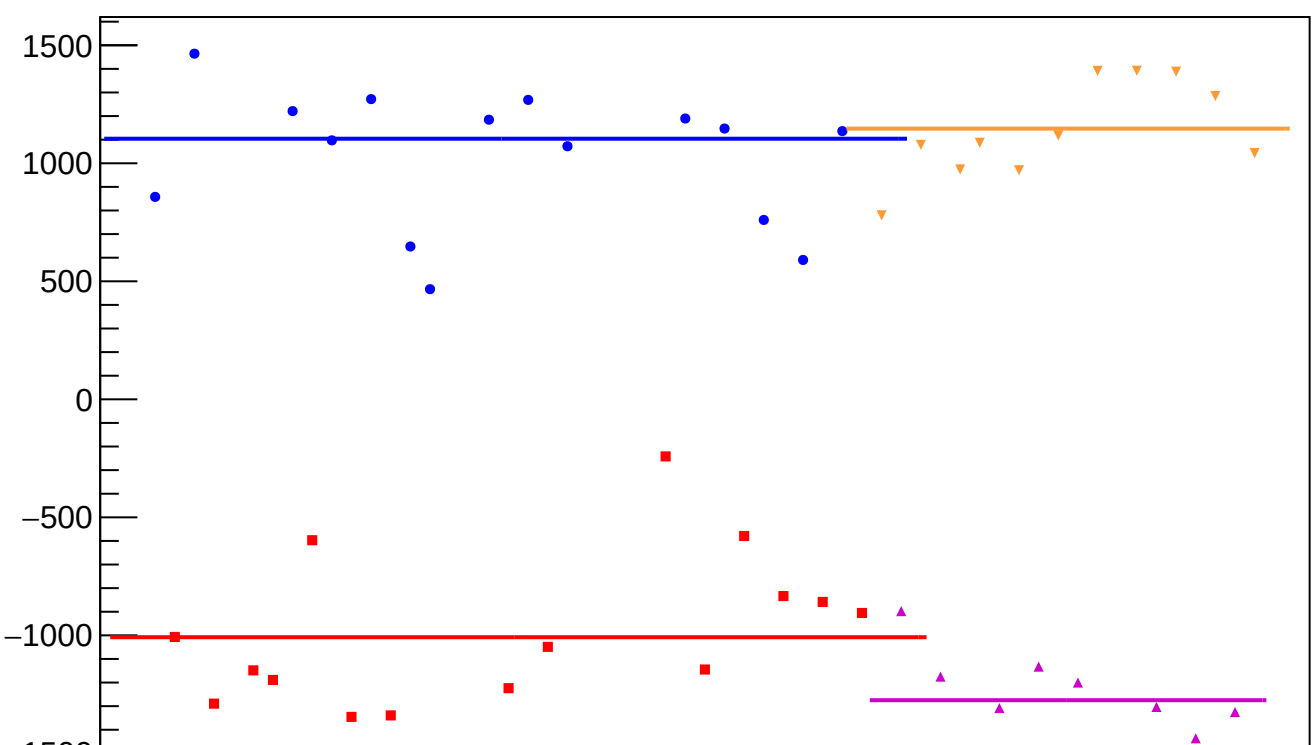
Left: 21.815+/-0.000 χ^2/NDF: 4550769959391026
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5093.339+/-0.000 χ^2/NDF:4264173052773458913439060761604175953 92.0/10
In: -1973.973+/-0.000 χ^2/NDF:220761386146335
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 1935.596+/-0.000 χ^2/NDF:199542400010704
Left In: -5498.167+/-0.000 χ^2/NDF:1217533019338217525504840636461282754 56.0/8
All: 38.344+/-0.000 χ^2/NDF: 531862046344

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: 2.257+/-0.000 χ^2/NDF: 54683879404214144
Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14
Right: -41.736+/-0.000 χ^2/NDF: 557135346601365
Left Out: 177.634+/-0.000 χ^2/NDF:5920720334918246617273056237841285 12.0/10
In: 48.388+/-0.000 χ^2/NDF:198000658273660523
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15
Out: -79.730+/-0.000 χ^2/NDF:4032380962974950
Left In: -188.629+/-0.000 χ^2/NDF:327853607343730039981215492197056512.0/8
All: -17.557+/-0.000 χ^2/NDF: 613219078981

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

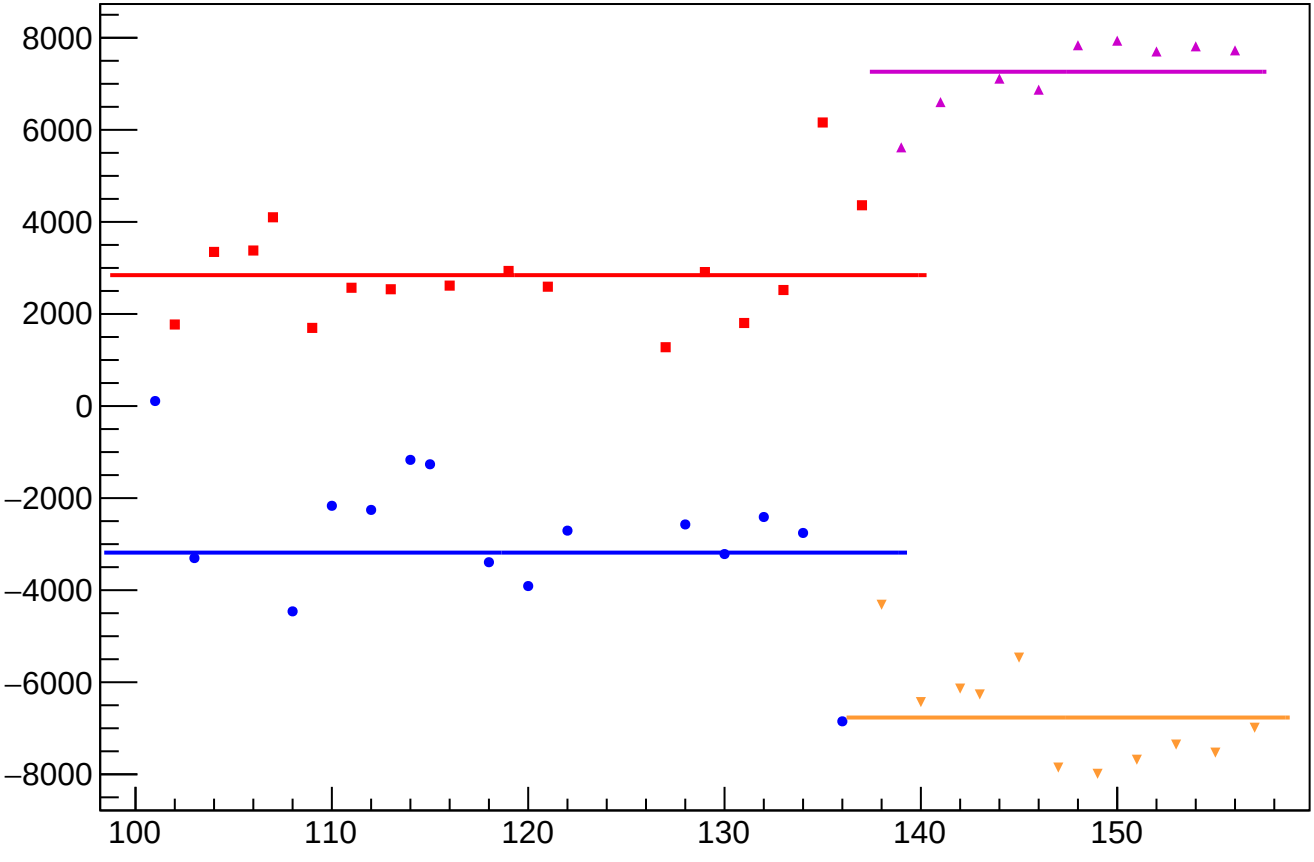
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:294735833121747385466878565757411655 68.0/8

All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: -49.161+/-0.000 χ^2/NDF: 8028798458025112

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6766.530+/-0.000 χ^2/NDF:10117805725737155786594953395596699893 76.0/10

In: 2481.145+/-0.000 χ^2/NDF:4094203460061494

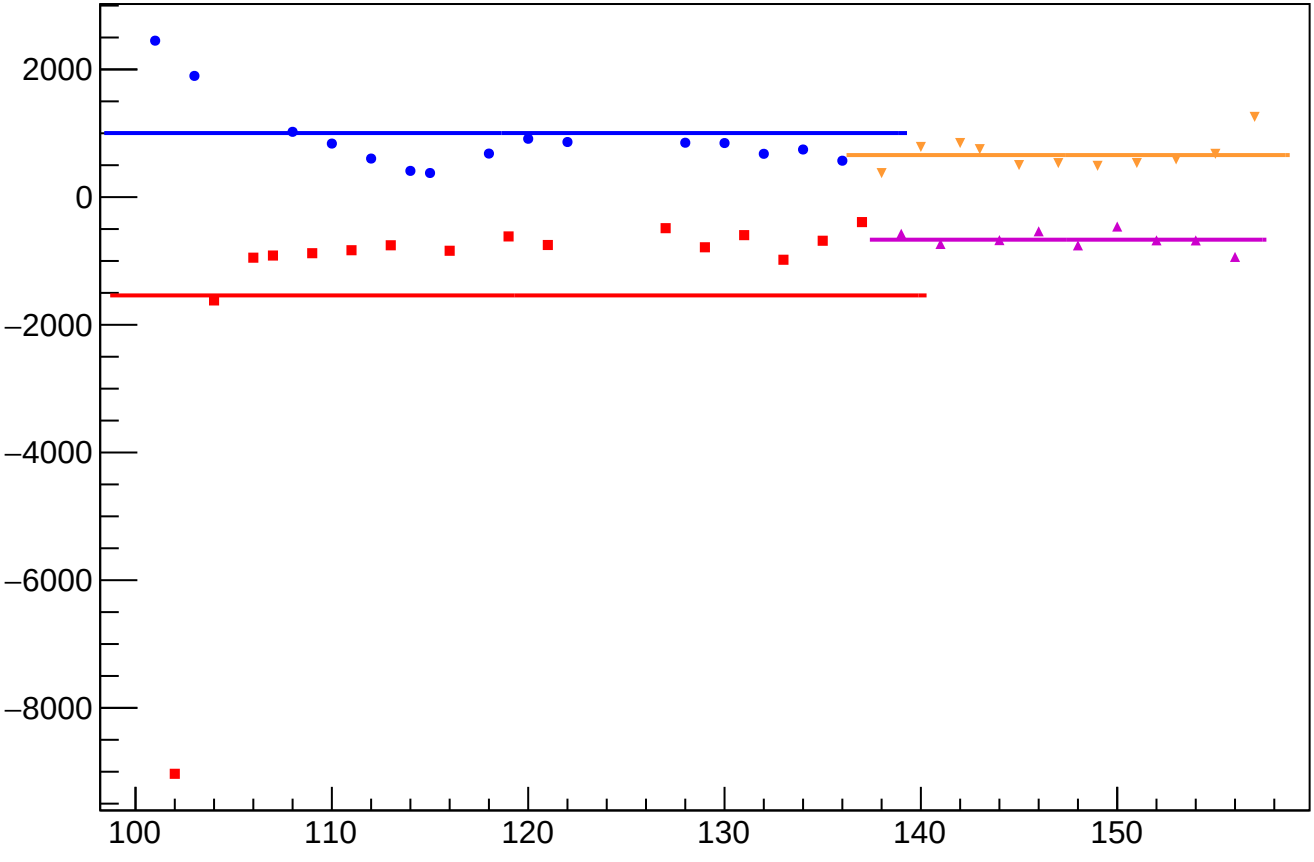
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2504.592+/-0.000 χ^2/NDF:36240504684812

Left In: 7262.202+/-0.000 χ^2/NDF:4005302219239410680888559672630611804 16.0/8

All: -85.093+/-0.000 χ^2/NDF: 953252700117

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: 24.004+/-0.000 χ^2/NDF: 7621613244314002

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 658.635+/-0.000 χ^2/NDF:4525516778479893945345174916603628748 8.0/10

In: 97.661+/-0.000 χ^2/NDF:12144607320808382

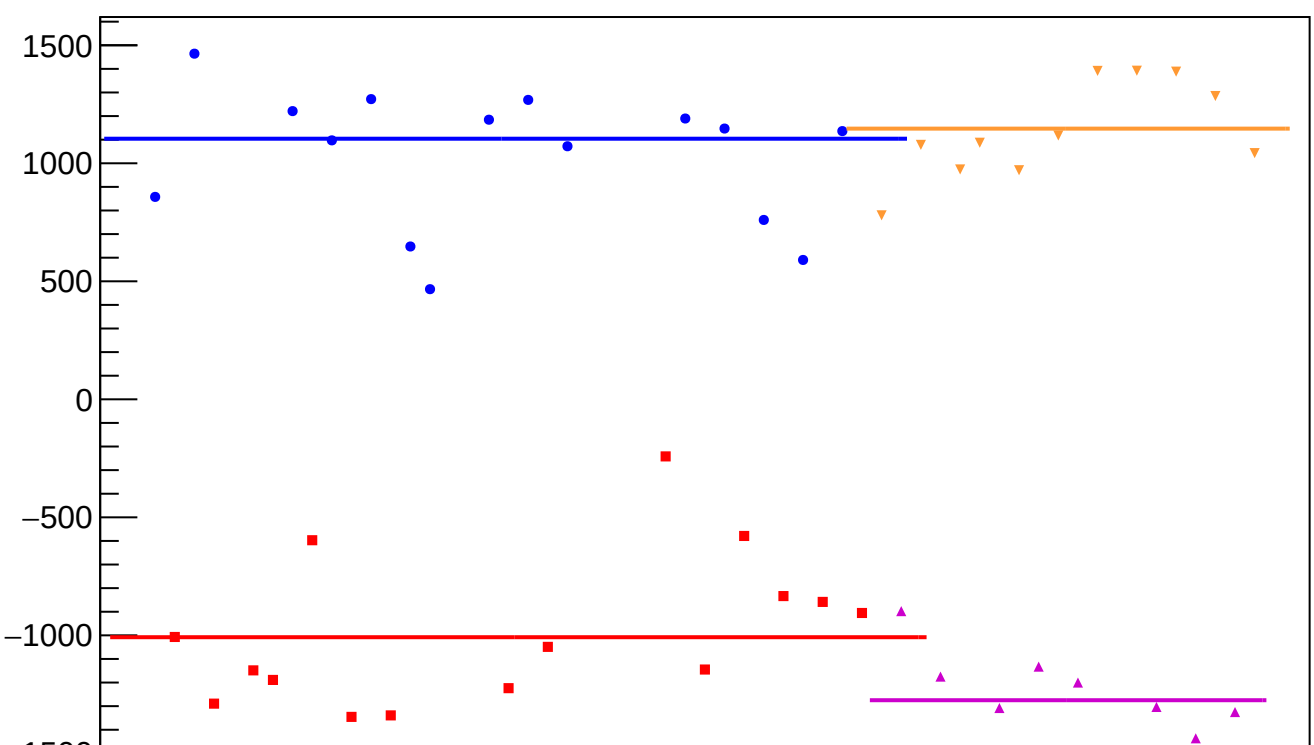
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -316.233+/-0.000 χ^2/NDF:545368603817017

Left In: -666.746+/-0.000 χ^2/NDF:1288160914488907882671664646288152985 6.0/8

All: -115.377+/-0.000 χ^2/NDF: 6793178963

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

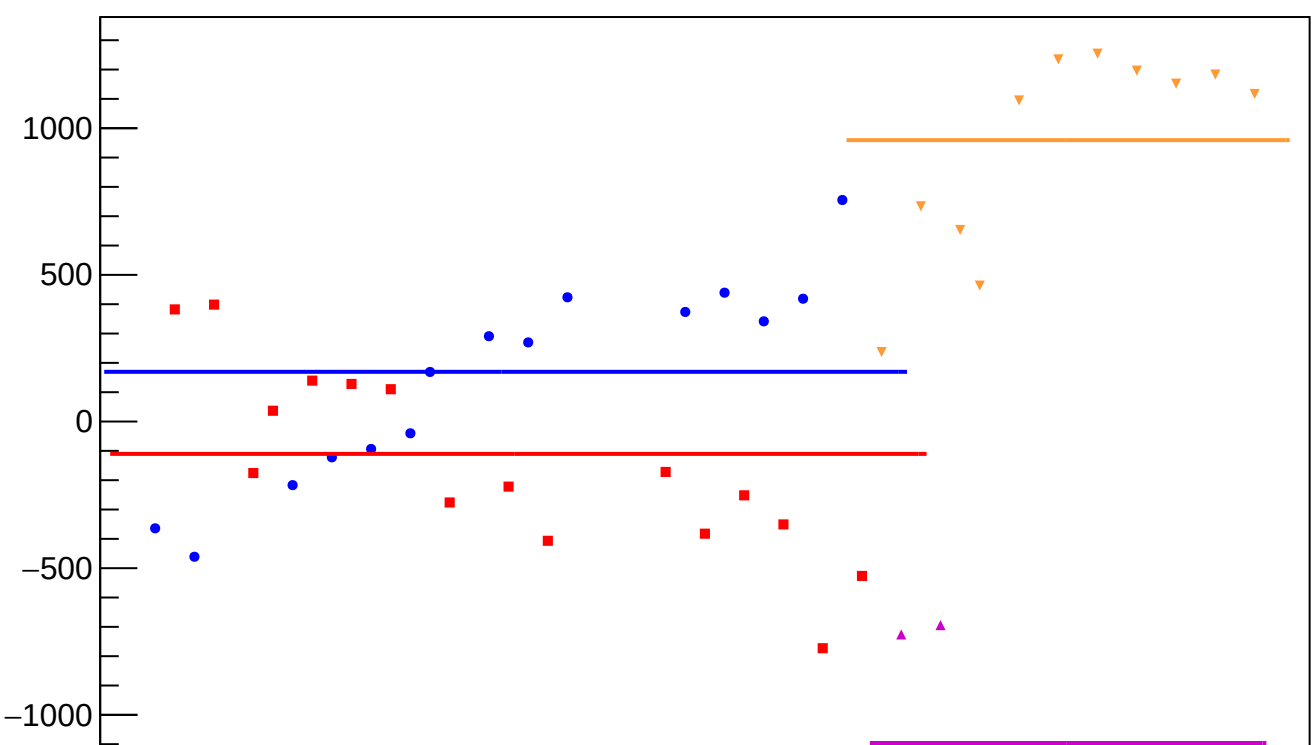
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116556 8.0/8

All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -24.780+/-0.000 χ^2/NDF: 1819951833777853

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 1929545589131513

Left Out: 959.355+/-0.000 χ^2/NDF:938263022350322289507168354617566167 04.0/10

In: -516.768+/-0.000 χ^2/NDF:6921727258702478

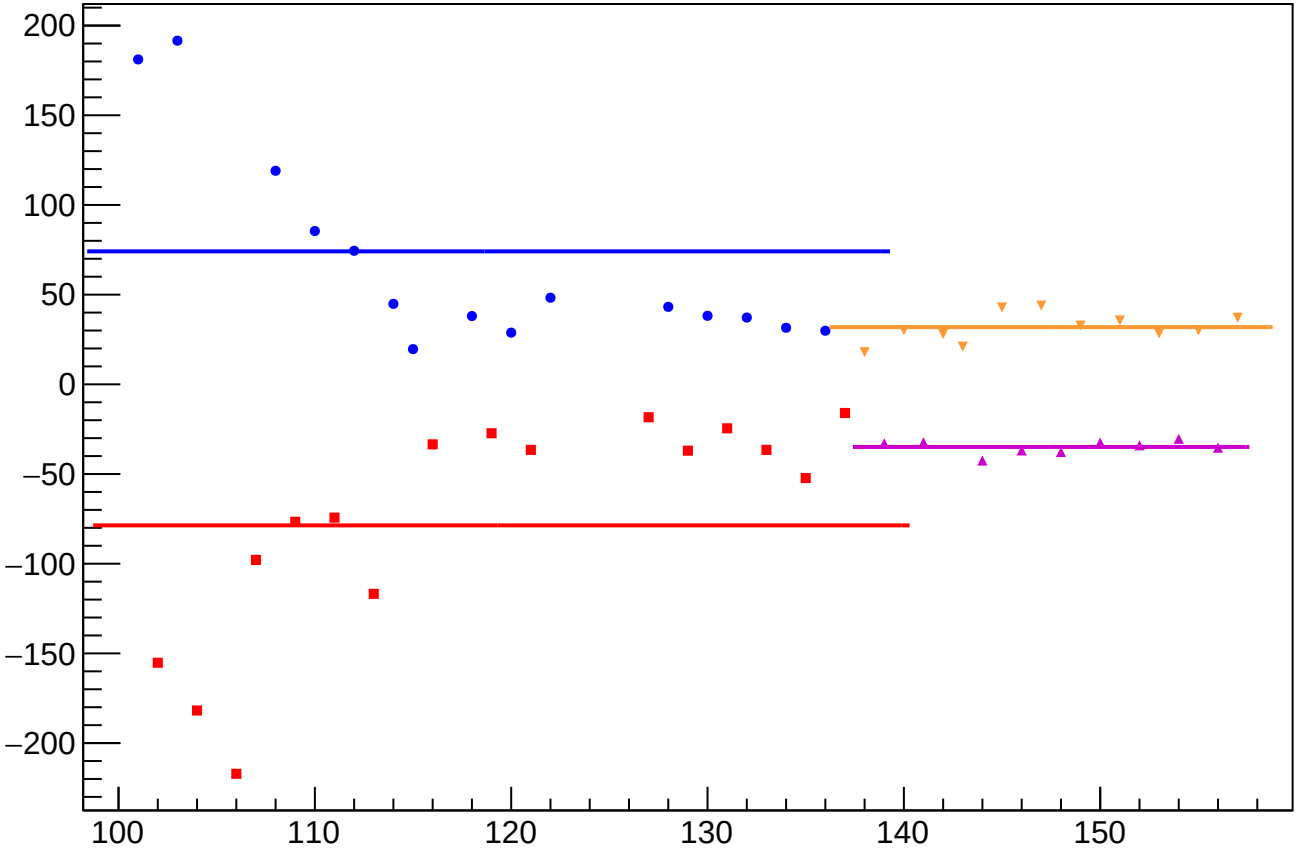
Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

Out: 484.985+/-0.000 χ^2/NDF:5902962406635866

Left In: -1095.937+/-0.000 χ^2/NDF:3313978535181455385392716215392980 1728.0/8

All: -1.150+/-0.000 χ^2/NDF: 2014897456370

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -0.093+/-0.000 χ^2/NDF: 18475717099193608

Right In: 74.129+/-0.000 χ^2/NDF: 2168375717401207322620658258081218560.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.893+/-0.000 χ^2/NDF:4965107791214057955272777907621068 8.0/10

In: 14.997+/-0.000 χ^2/NDF:636235268233197846

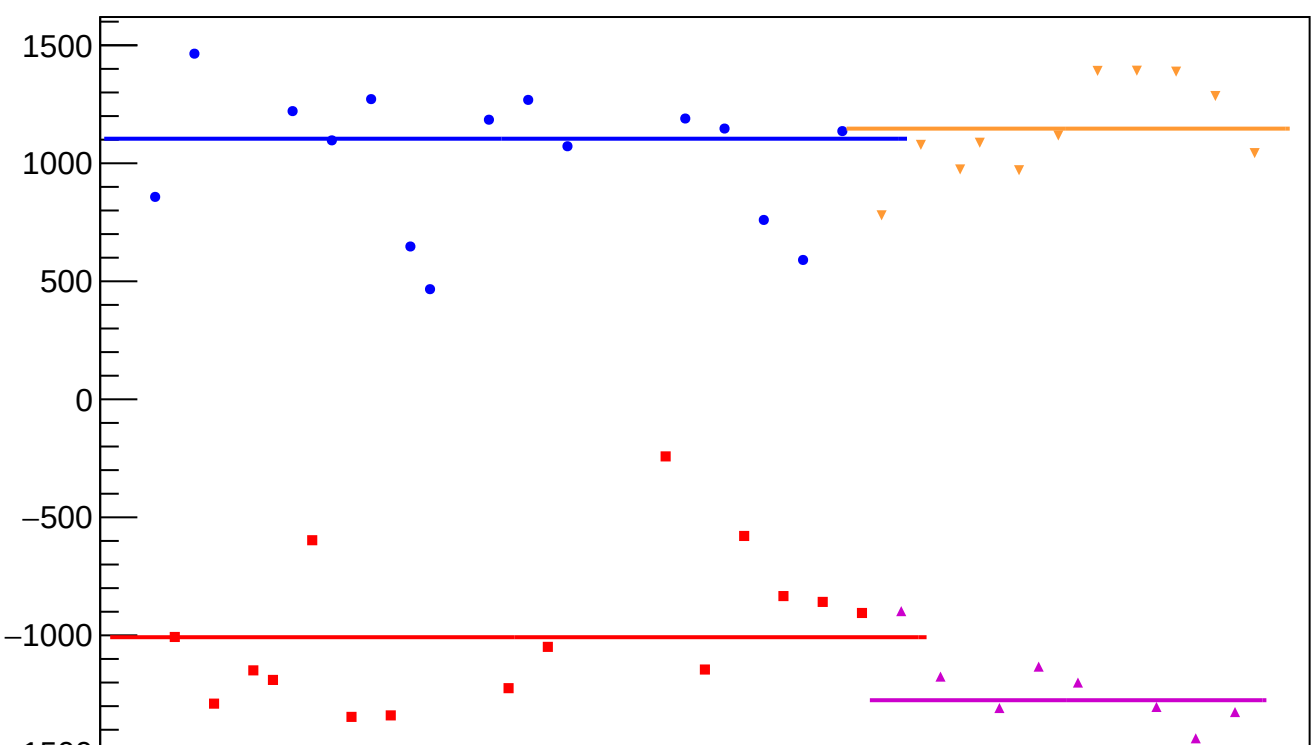
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -17.124+/-0.000 χ^2/NDF:6927367240299664

Left In: -34.908+/-0.000 χ^2/NDF:9516447064088111792113265913364480.0/8

All: -1.536+/-0.000 χ^2/NDF: 1404273858478

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

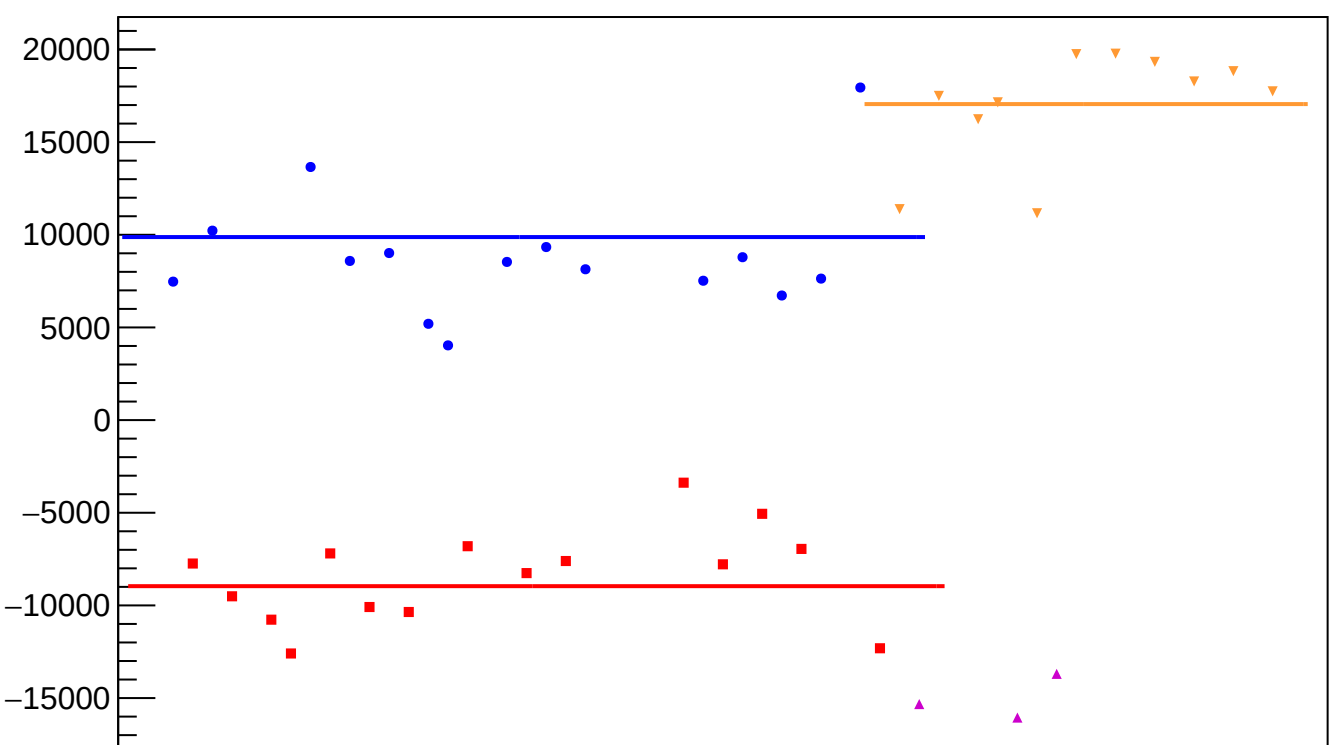
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

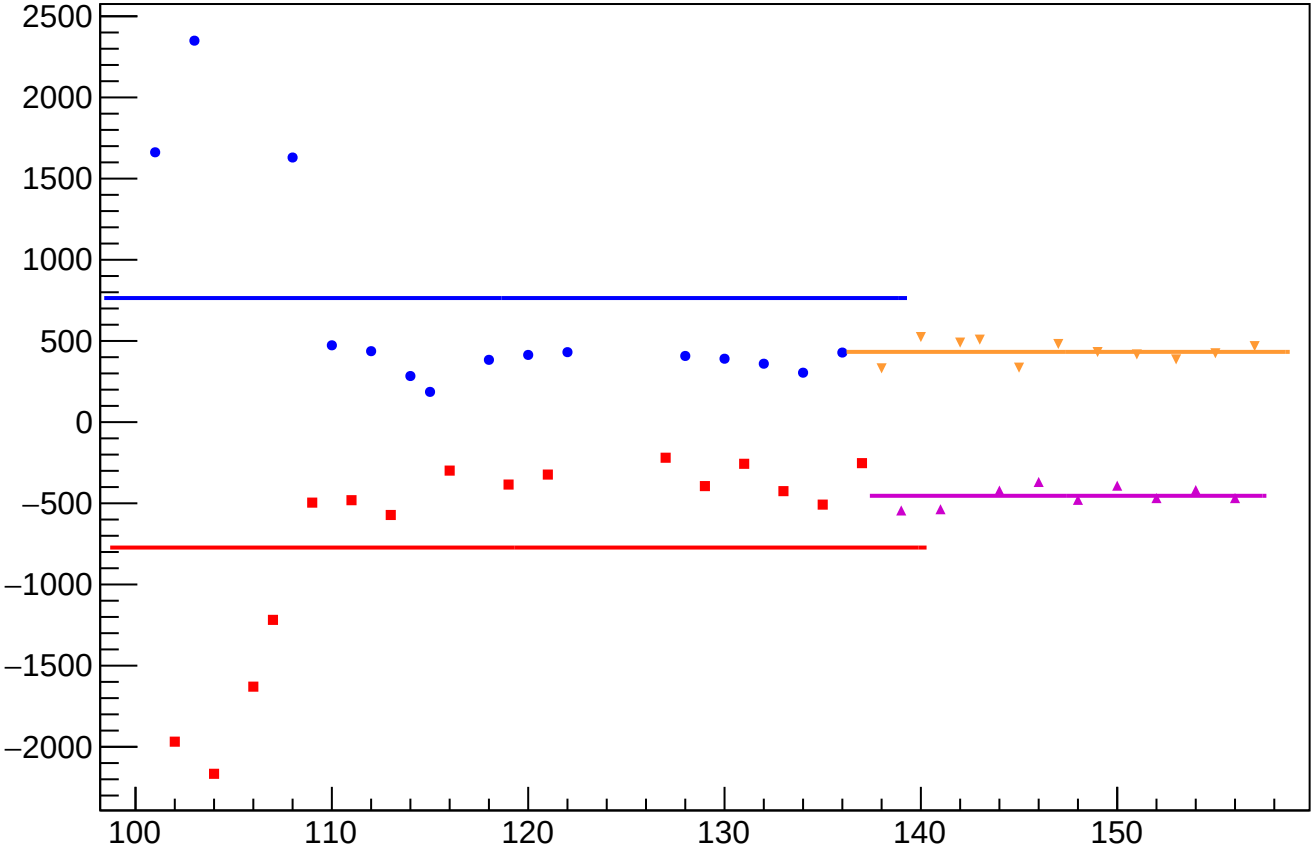
All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_sam2_coil3_mean vs Slug, Sign Corrected



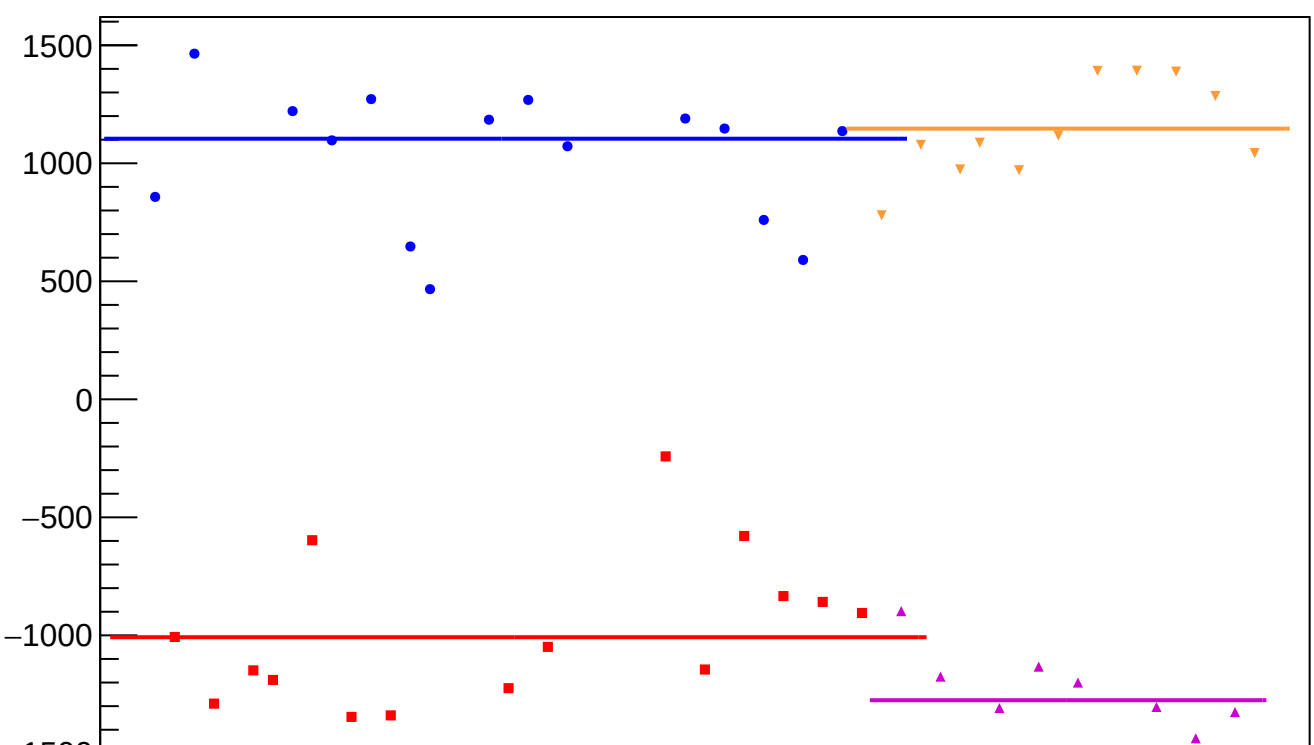
Left: 318.595+/-0.000 χ^2/NDF: 5004039603667922
Right In: 9876.530+/-0.000 χ^2/NDF: 84833602870530541223016519057971336970 24.0/14
Right: 328.637+/-0.000 χ^2/NDF: 132799081917308
Left Out: 17052.673+/-0.000 χ^2/NDF:7370159403766662366481185013966611415040.0/10
In: -5184.454+/-0.000 χ^2/NDF:283479326226701
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15
Out: 5515.762+/-0.000 χ^2/NDF:266157919898988
Left In: -17895.220+/-0.000 χ^2/NDF:3538787892241326323652622225464327405568.0/8
All: 323.117+/-0.000 χ^2/NDF: 633203115225

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: 8.257+/-0.000 χ^2/NDF: 32072041627197818
Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 432.738+/-0.000 χ^2/NDF:326930995114480224687698708745997 5168.0/10
In: 103.723+/-0.000 χ^2/NDF:8156317402455776
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -101.787+/-0.000 χ^2/NDF:828413091140002
Left In: -453.759+/-0.000 χ^2/NDF:248709027895239545949902352796352 5120.0/8
All: -2.056+/-0.000 χ^2/NDF: 1674870357490

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

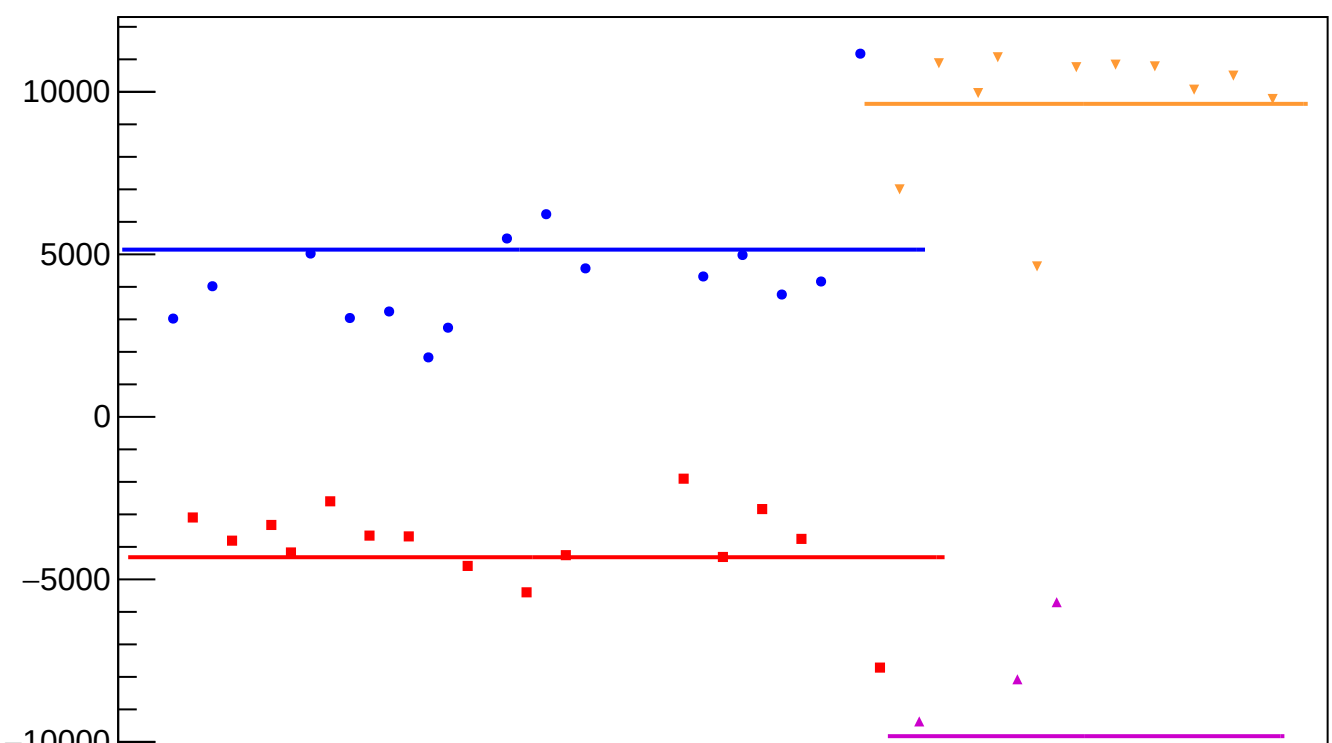
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

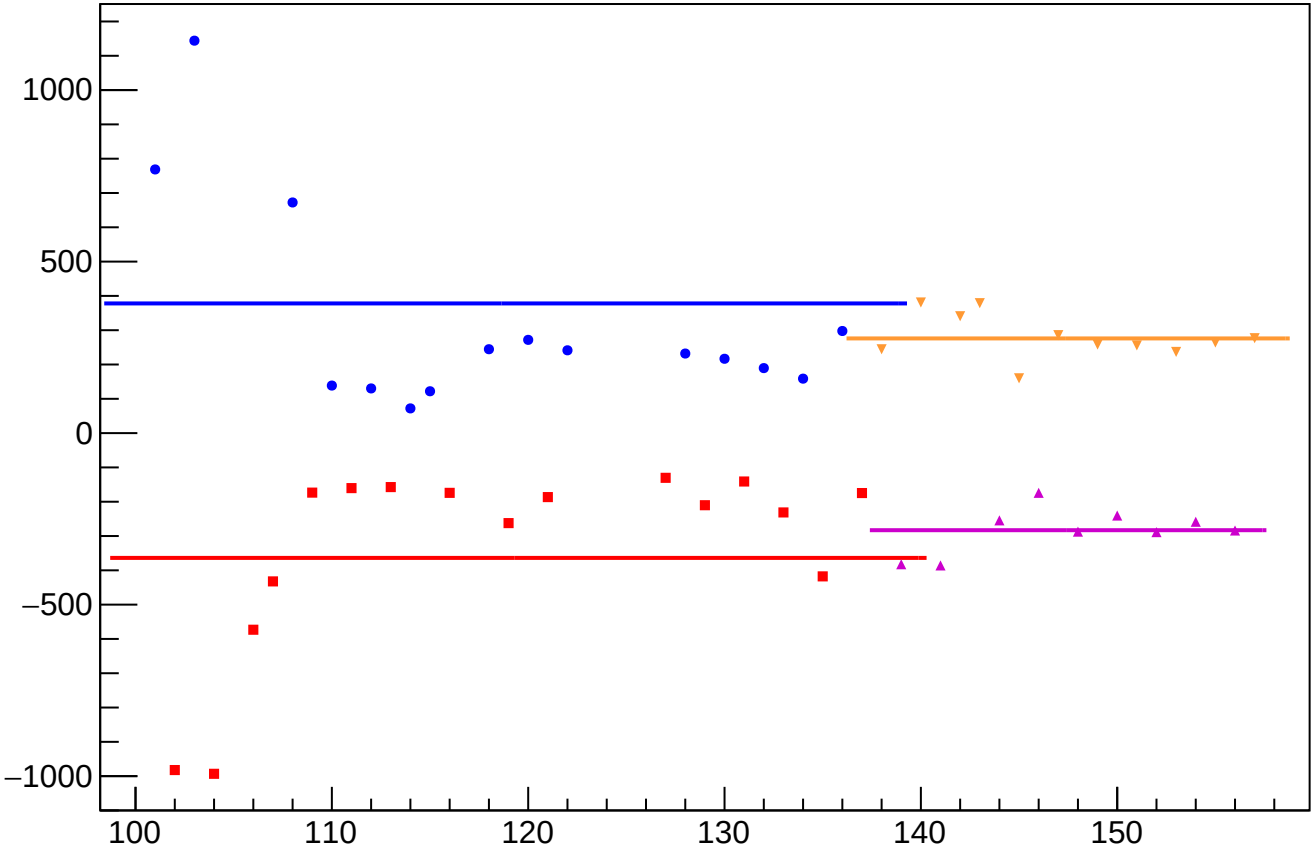
All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: 315.213+/-0.000 χ^2/NDF: 157181576222680
Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14
Right: 349.044+/-0.000 χ^2/NDF: 370788219703753
Left Out: 9630.502+/-0.000 χ^2/NDF:323851497422731553791160139384924772761 6.0/10
In: -2972.473+/-0.000 χ^2/NDF:854018390888141
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661 6576.0/15
Out: 3444.508+/-0.000 χ^2/NDF:788051780652072
Left In: -9823.794+/-0.000 χ^2/NDF:225992717042904770301712776001143334 5024.0/8
All: 330.449+/-0.000 χ^2/NDF: 19426122602 3

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: 8.342+/-0.000 χ^2/NDF: 131413206486694540

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 276.026+/-0.000 χ^2/NDF:318163403432020972648311381272874 1888.0/10

In: 19.548+/-0.000 χ^2/NDF:218303757516615117

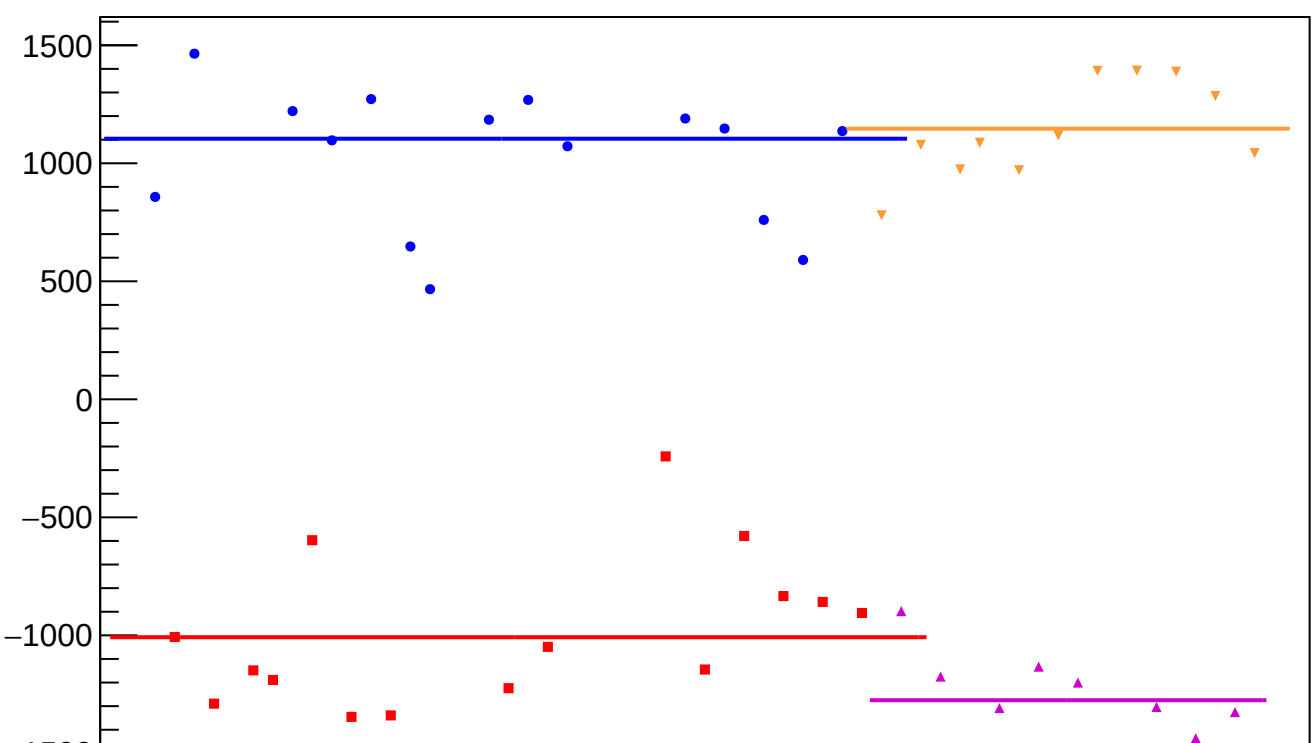
Right Out: -363.772+/-0.000 χ^2/NDF: 590313374847098018041814393427066 88000.0/15

Out: -7.714+/-0.000 χ^2/NDF:21415937079256459

Left In: -283.013+/-0.000 χ^2/NDF:297757817562094530938848649696562 3808.0/8

All: 5.516+/-0.000 χ^2/NDF: 4330055680139 9

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

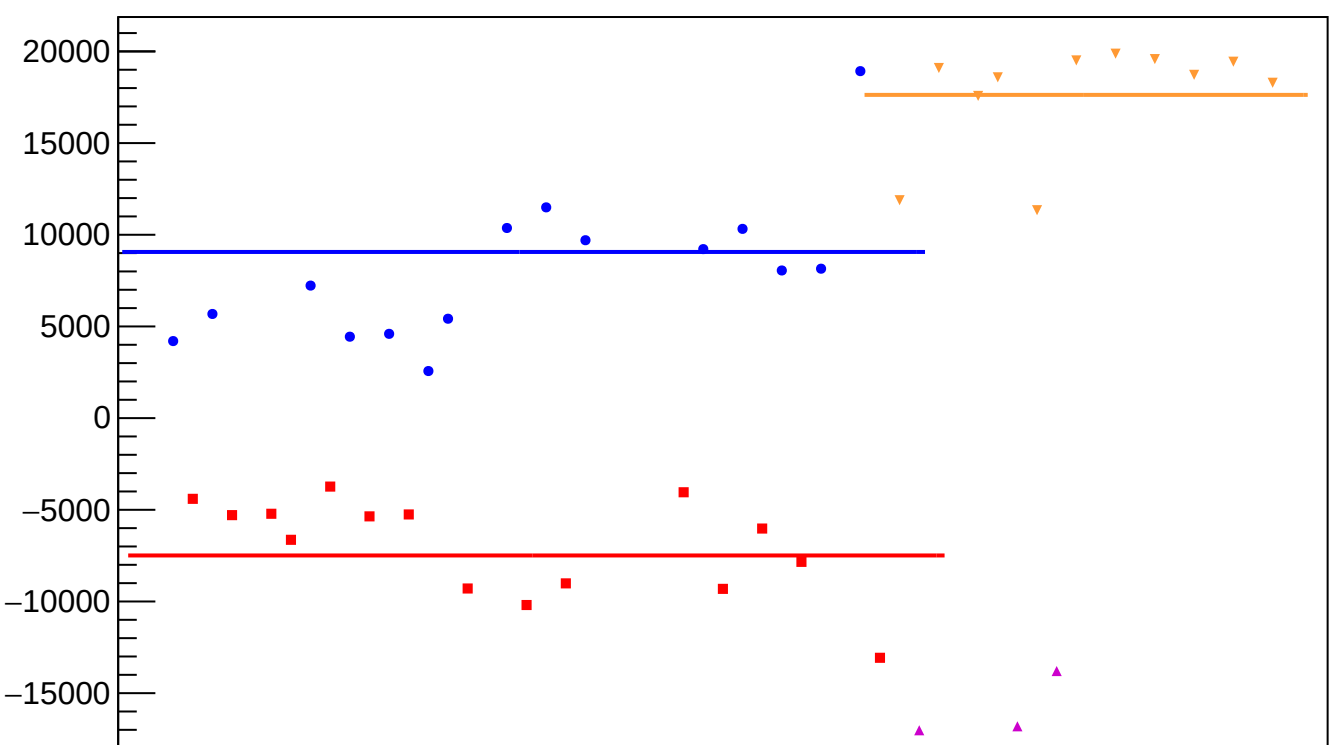
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_sam4_coil3_mean vs Slug, Sign Corrected



Left: 273.324+/-0.000 χ^2/NDF: 5373069727005983

Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14

Right: 673.078+/-0.000 χ^2/NDF: 113857439938422

Left Out: 17629.077+/-0.000 χ^2/NDF:7408237807852212414075572184960877985792.0/10

In: -5948.434+/-0.000 χ^2/NDF:286643085732648

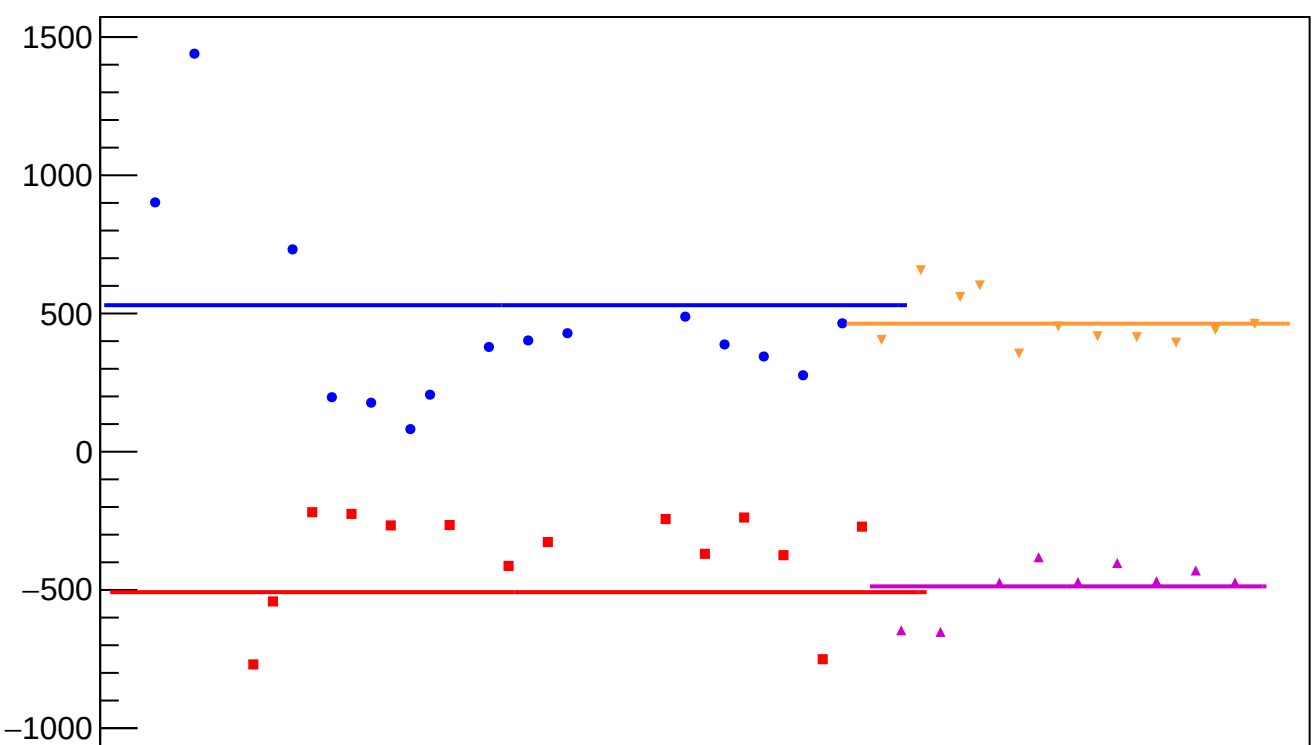
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15

Out: 6489.102+/-0.000 χ^2/NDF:2517320730308 68

Left In: -18617.137+/-0.000 χ^2/NDF:335851432302419659820992677721089979187 2.0/8

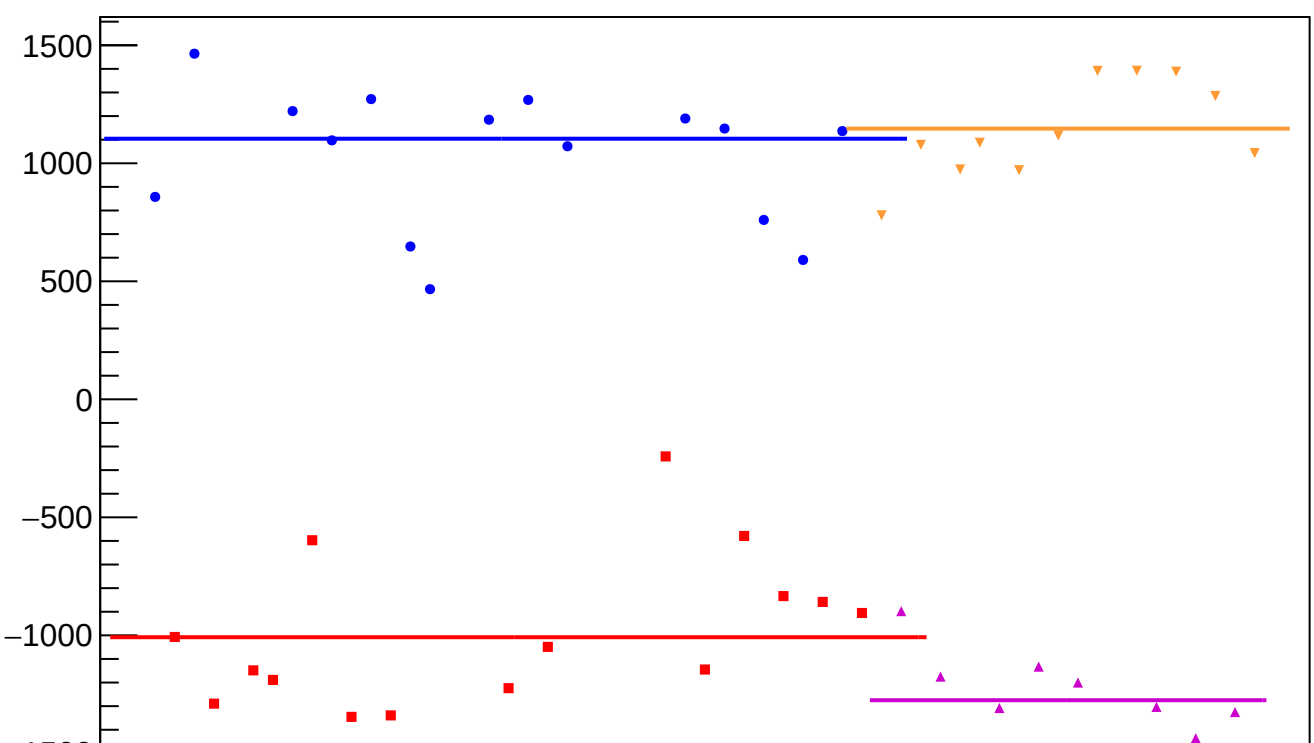
All: 453.364+/-0.000 χ^2/NDF: 651279998940

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: 8.288+/-0.000 χ^2/NDF: 37508823587320538
Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14
Right: 3.936+/-0.000 χ^2/NDF: 5098872396372912 6
Left Out: 463.356+/-0.000 χ^2/NDF:67969510807766773156318438703014871 04.0/10
In: -21.517+/-0.000 χ^2/NDF:4491405140781010 4
Right Out: -507.987+/-0.000 χ^2/NDF: 7668973469830846433788184196955504 6400.0/15
Out: 32.581+/-0.000 χ^2/NDF:4337126768574374 2
Left In: -487.019+/-0.000 χ^2/NDF:6301560364661459930917054111987793920.0/8
All: 6.328+/-0.000 χ^2/NDF: 8849891764001 6

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

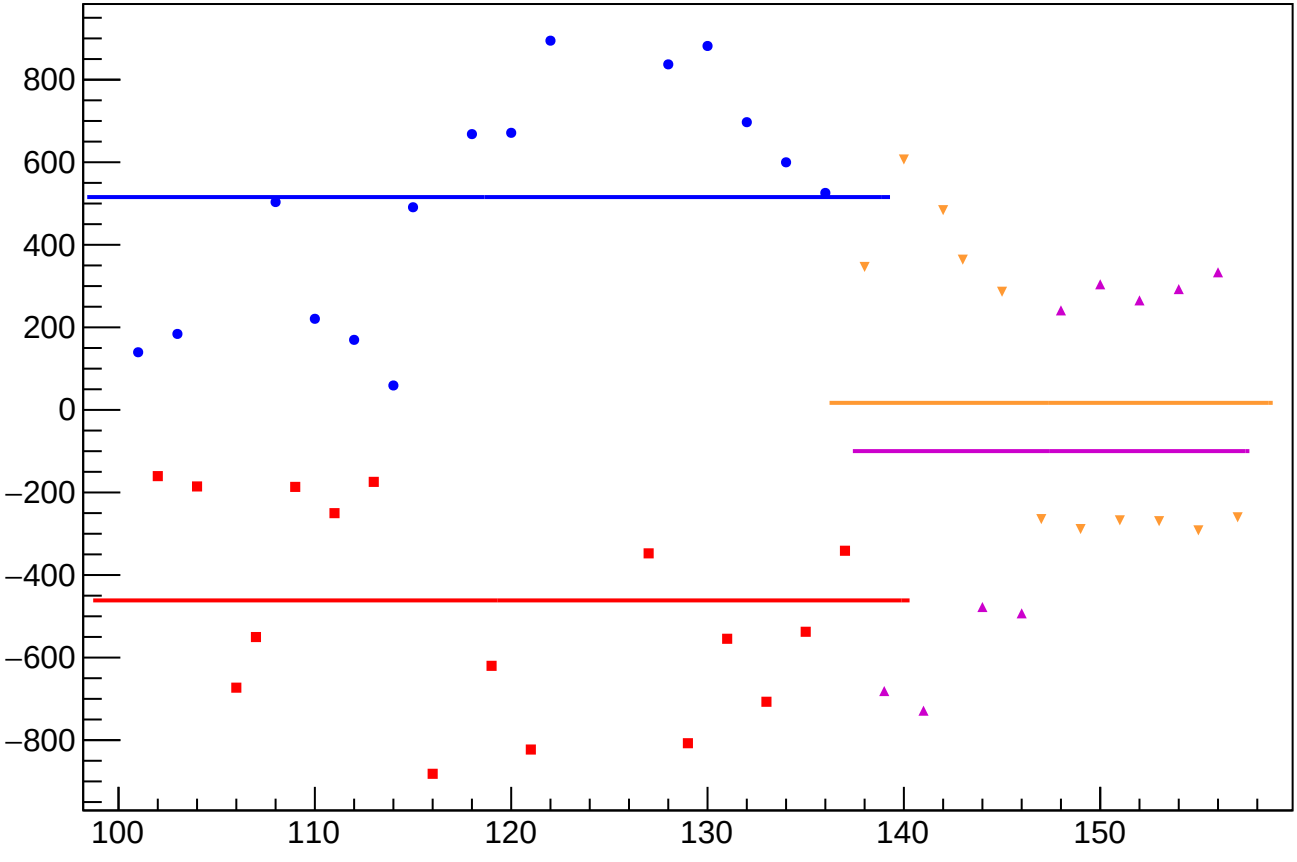
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -38.869+/-0.000 χ^2/NDF: 2588041682747542

Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14

Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457

Left Out: 17.104+/-0.000 χ^2/NDF:10187912139670450019087068141845059993 6.0/10

In: 181.882+/-0.000 χ^2/NDF:3332191593792324 6

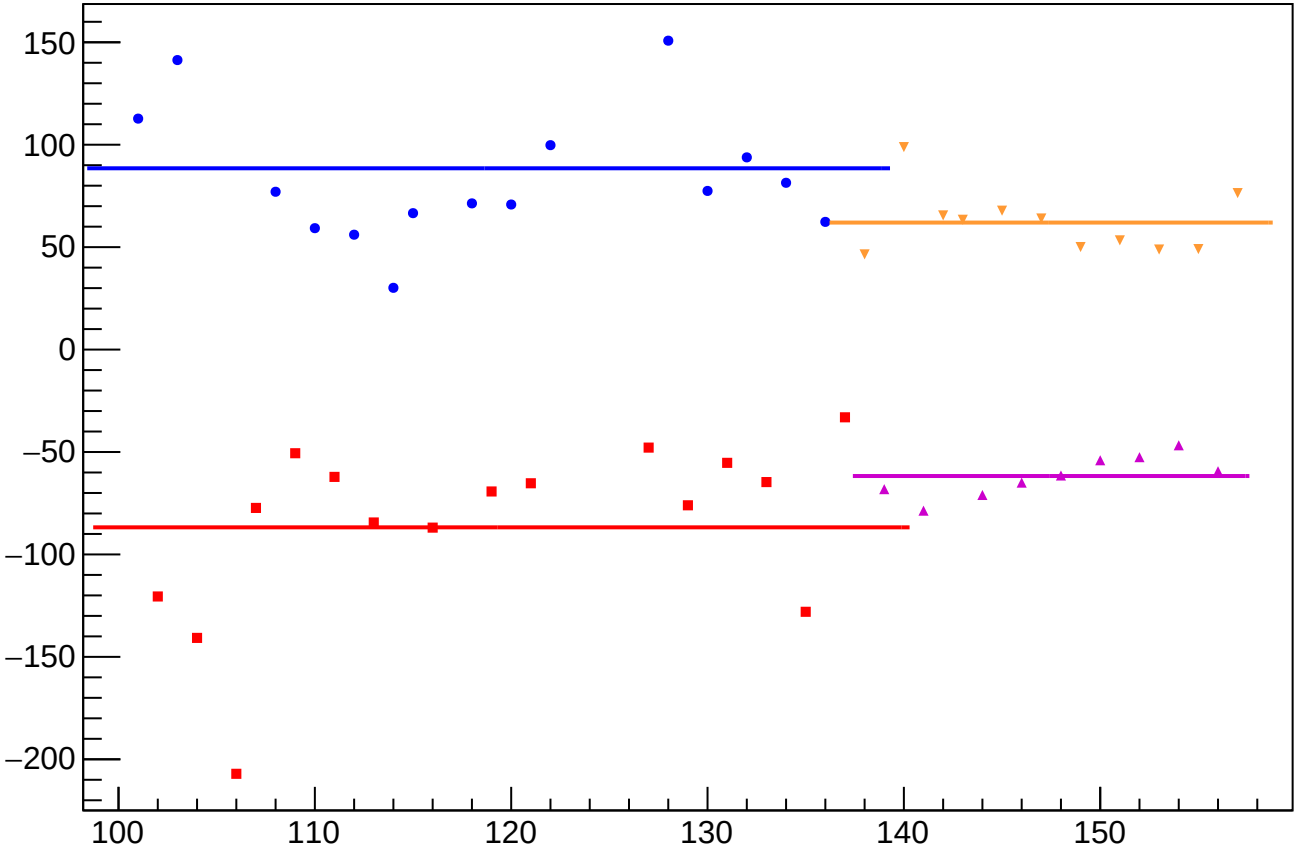
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856422 4.0/15

Out: -195.148+/-0.000 χ^2/NDF:227378757168786

Left In: -99.791+/-0.000 χ^2/NDF:1514485990254175956114418874070083829 76.0/8

All: -12.181+/-0.000 χ^2/NDF: 664349438330

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: 2.758+/-0.000 χ^2/NDF: 640001251485864887

Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666

Left Out: 61.998+/-0.000 χ^2/NDF:196056654804673555639826198030188544.0/10

In: 7.029+/-0.000 χ^2/NDF:865438335669579967

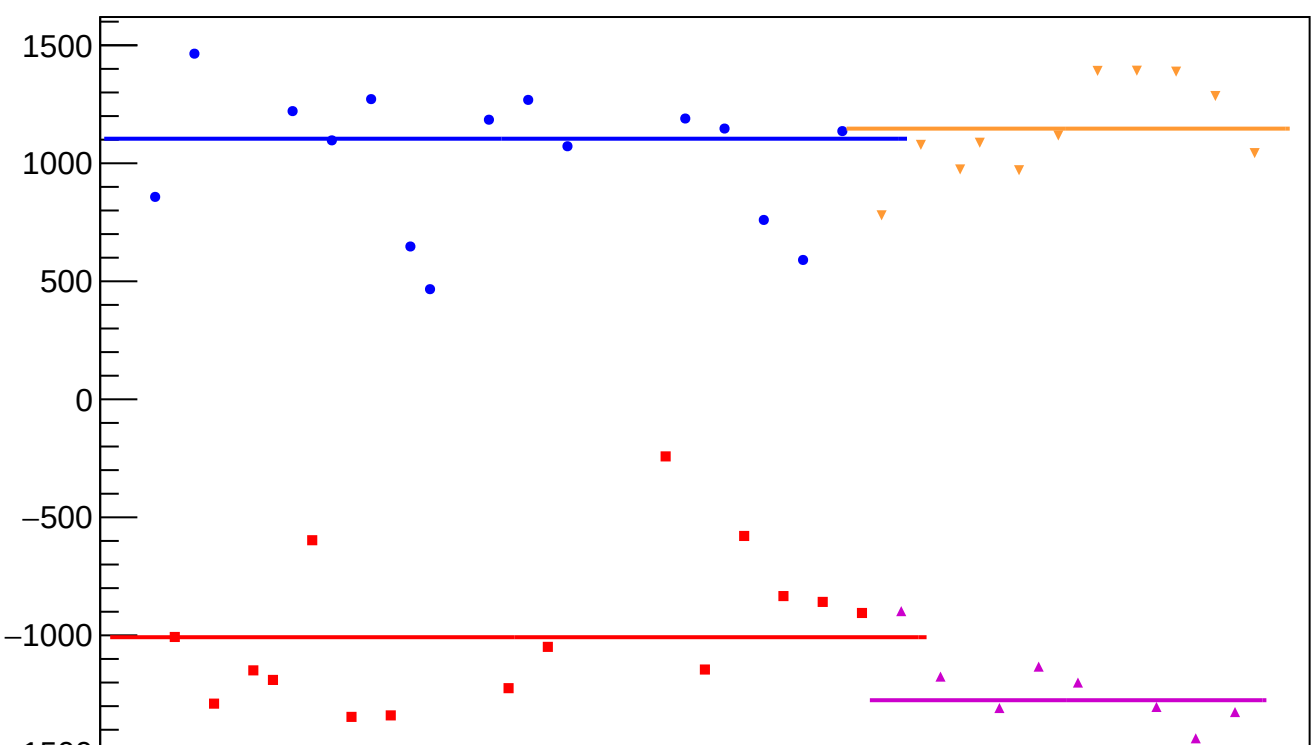
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

Out: -3.979+/-0.000 χ^2/NDF:94709795942755384

Left In: -61.722+/-0.000 χ^2/NDF:693204068364042763730279448434442 24.0/8

All: 1.363+/-0.000 χ^2/NDF: 18213820992357

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

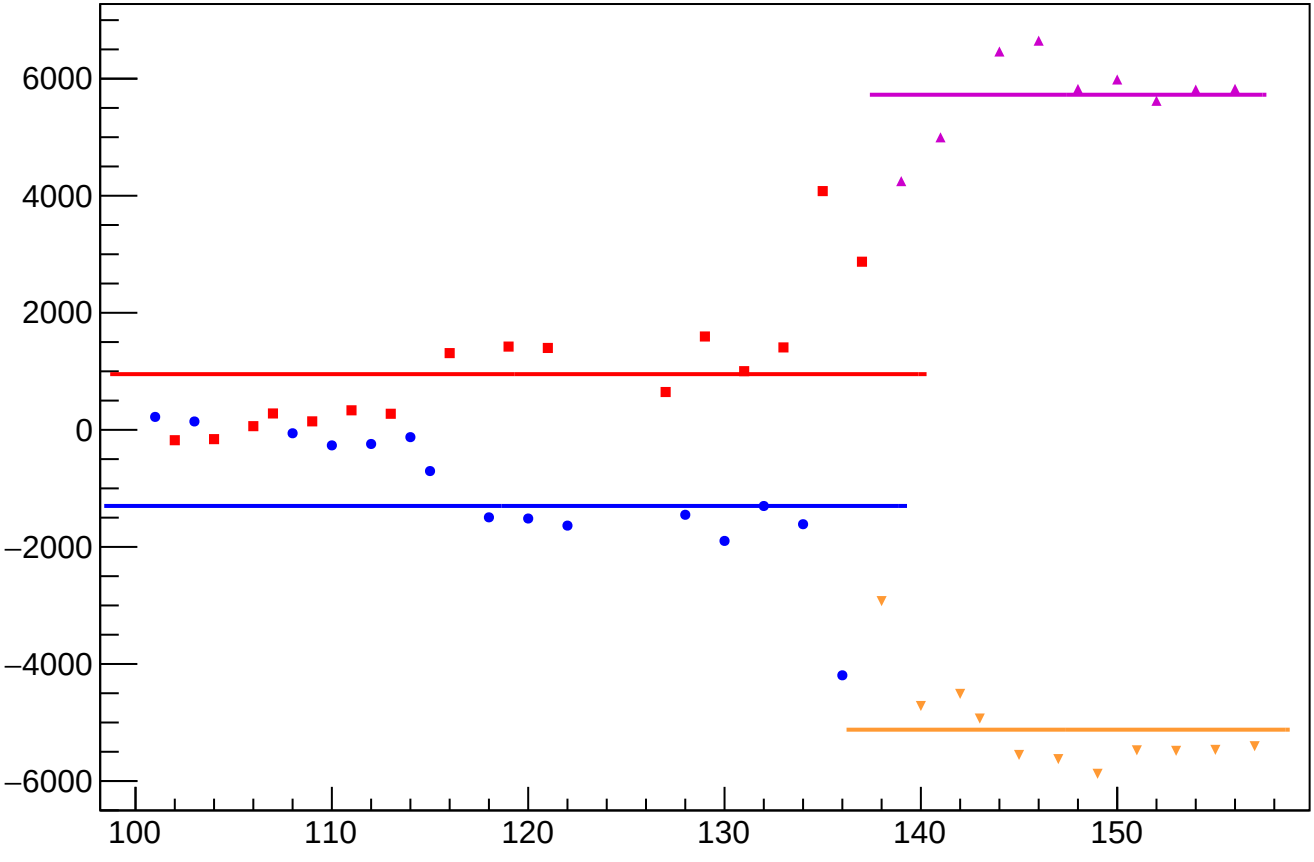
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

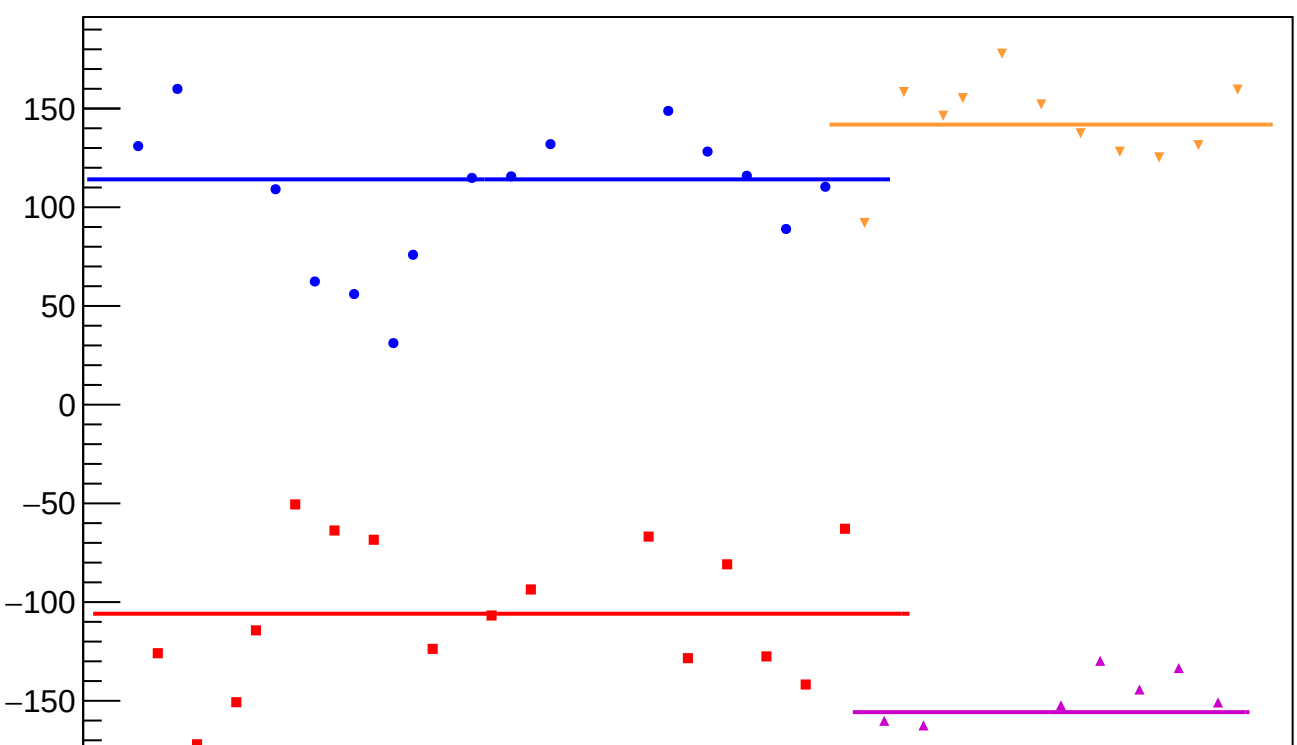
All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 71.806+/-0.000 χ^2/NDF: 4804238880139847
Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14
Right: -158.600+/-0.000 χ^2/NDF: 37088904648604
Left Out: -5122.547+/-0.000 χ^2/NDF:5284357452551701259924999633964546129 92.0/10
In: 2510.052+/-0.000 χ^2/NDF:189213304577072
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
Out: -2428.625+/-0.000 χ^2/NDF:15066495139309
Left In: 5725.477+/-0.000 χ^2/NDF:3502936758229665692859177029632534773 76.0/8
All: -31.964+/-0.000 χ^2/NDF: 517896773311

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Left Out: 141.868+/-0.000 χ^2/NDF:4146752107989096949384769992604241920.0/10

Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Left In: -155.734+/-0.000 χ^2/NDF:287907771232444146479209417170485248.0/8

Left: -0.632+/-0.000 χ^2/NDF: 36198434322273069

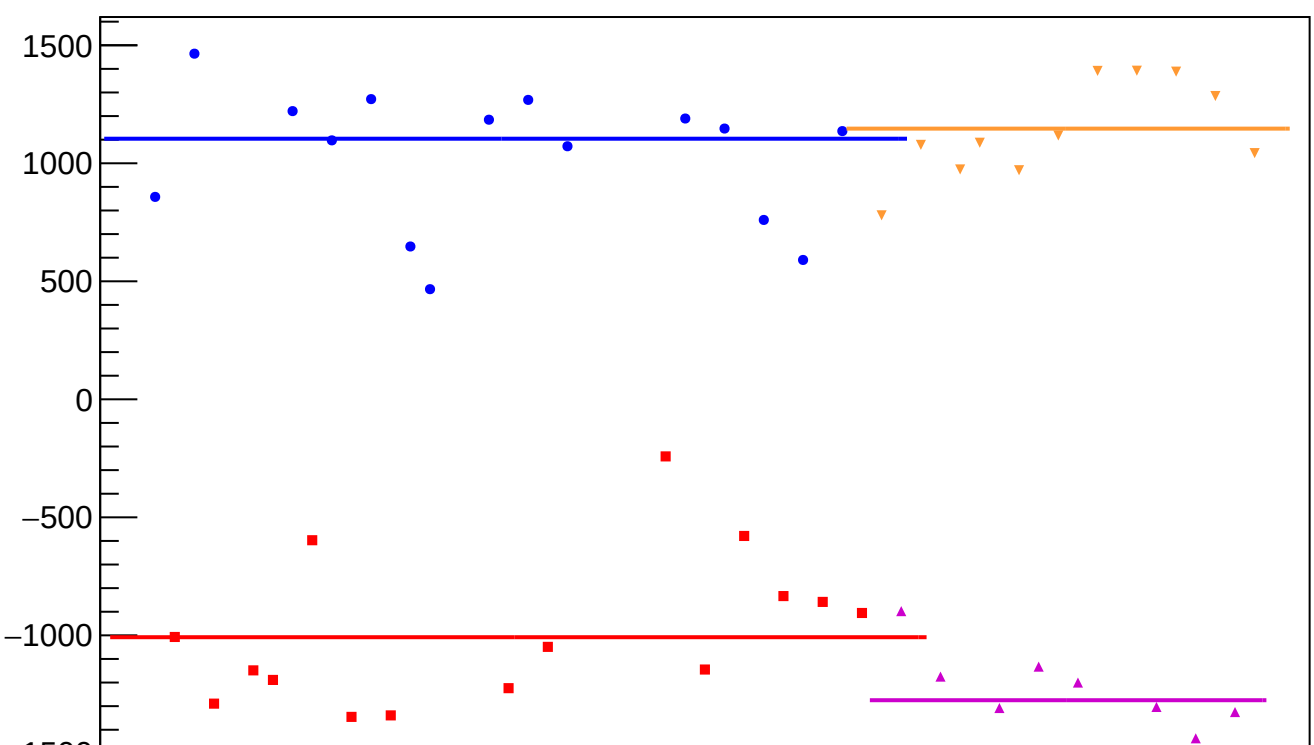
Right: 2.610+/-0.000 χ^2/NDF: 1738078571808844 6

In: -32.226+/-0.000 χ^2/NDF:2652492334669310 4

Out: 31.992+/-0.000 χ^2/NDF:2405198571927305 1

All: 0.828+/-0.000 χ^2/NDF: 5358682232241 7

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

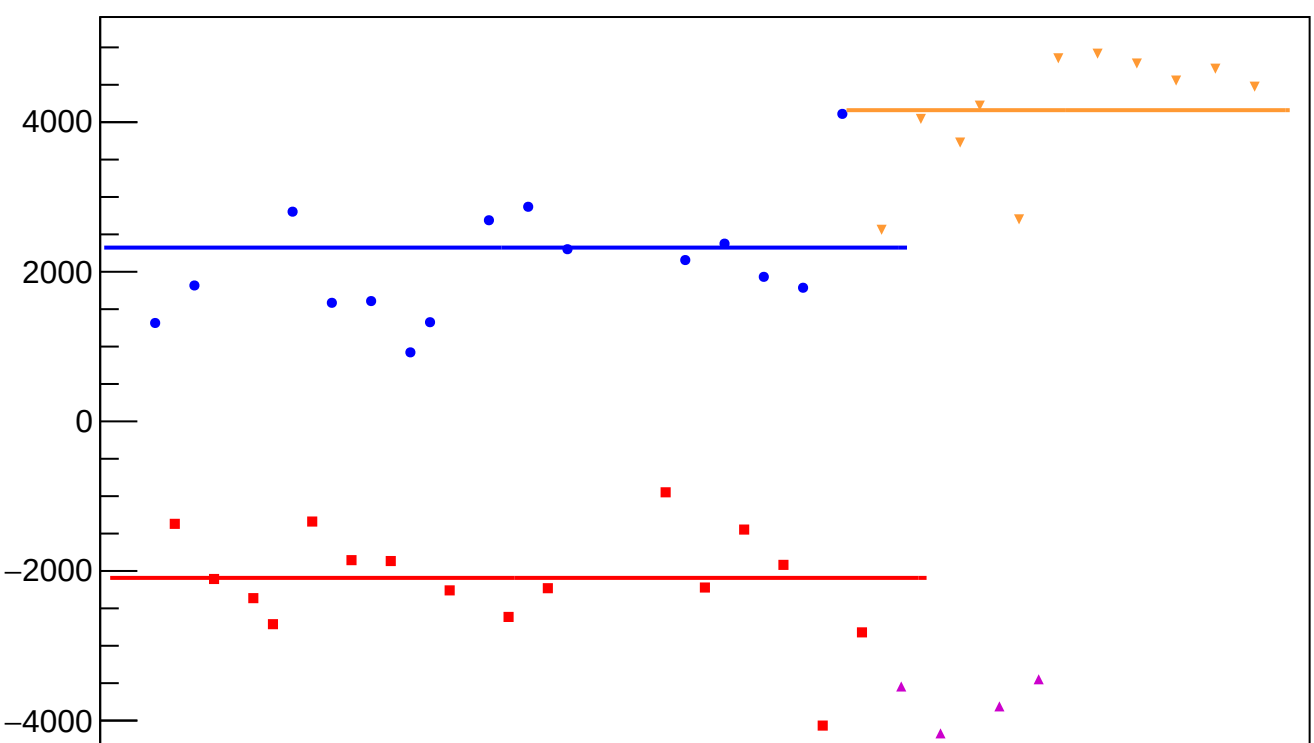
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

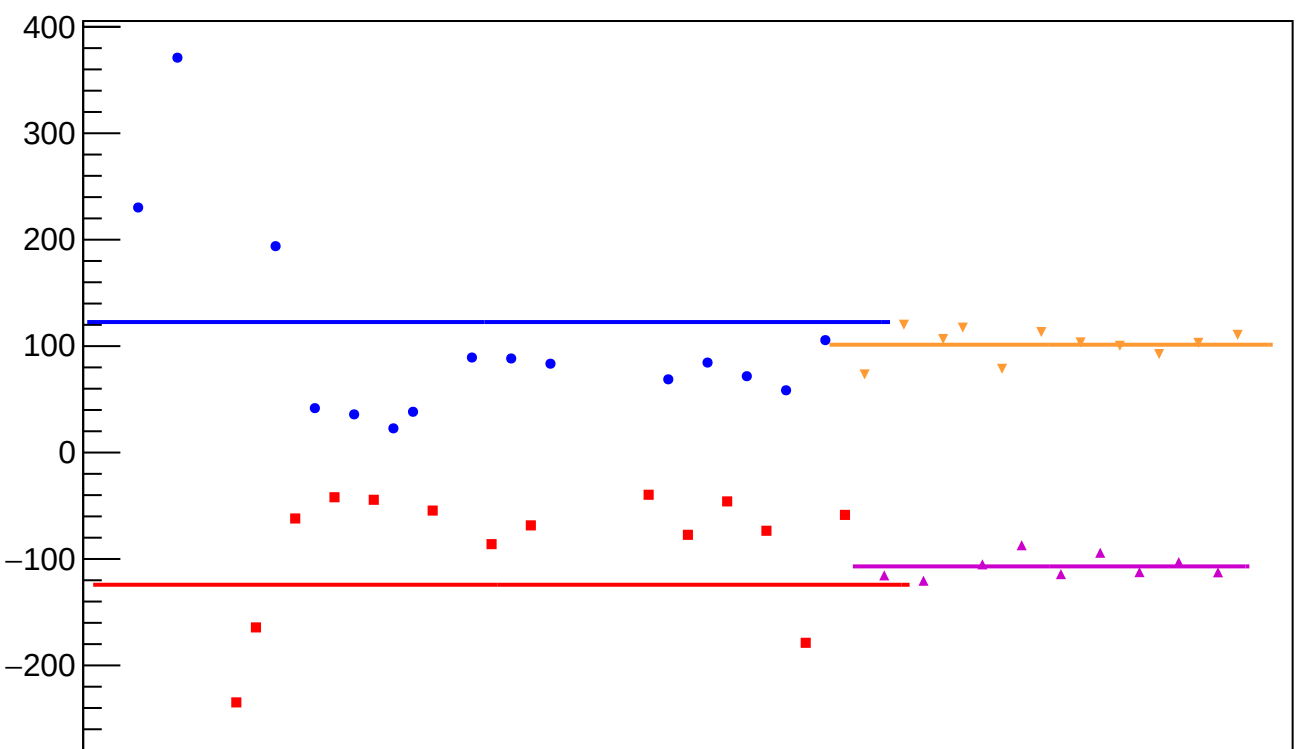
All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_sam7_coil3_mean vs Slug, Sign Corrected



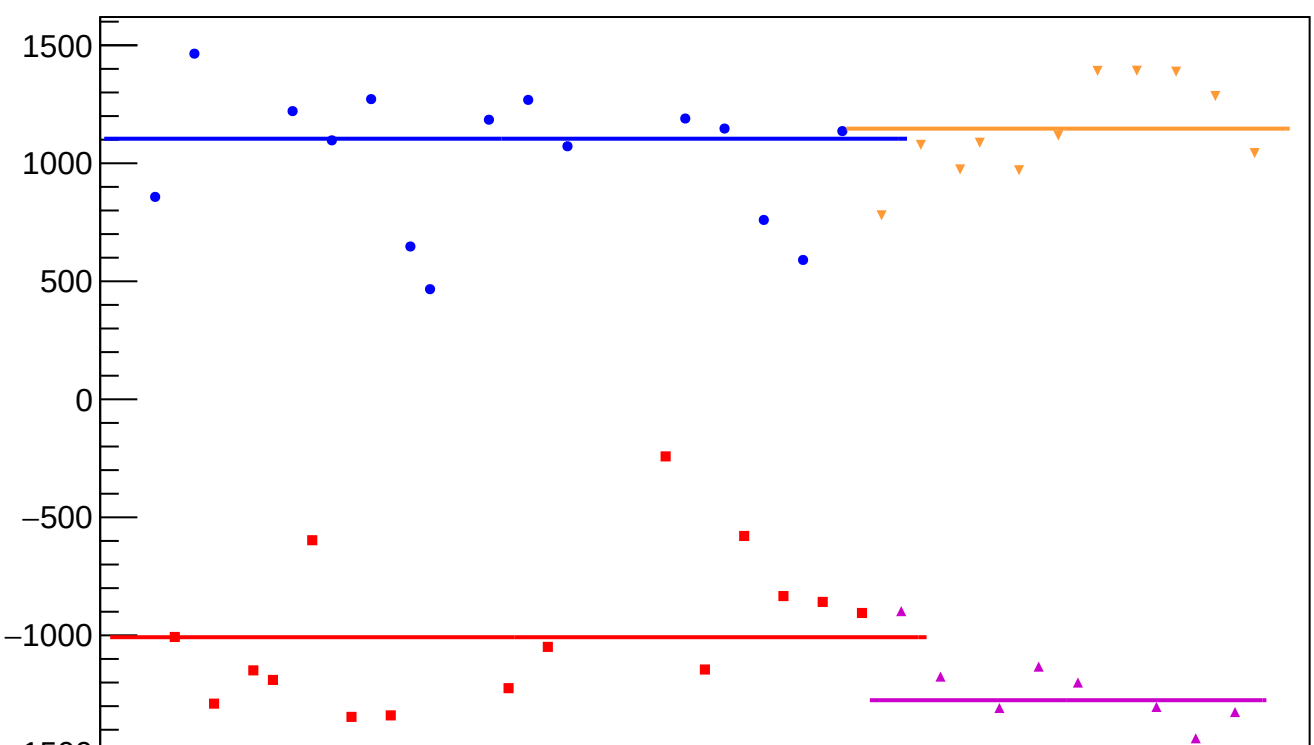
Left: 69.651+/-0.000 χ^2/NDF: 3006690813132332
Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14
Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348
Left Out: 4160.590+/-0.000 χ^2/NDF:5431862253399206662958955043786378444 80.0/10
In: -1313.601+/-0.000 χ^2/NDF:16575500054012
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15
Out: 1387.463+/-0.000 χ^2/NDF:154243087139731
Left In: -4383.036+/-0.000 χ^2/NDF:269354645831907681668158247641538363392.0/8
All: 76.680+/-0.000 χ^2/NDF: 3732473499878

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: 1.592+/-0.000 χ^2/NDF: 17643564973648144
Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14
Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687
Left Out: 101.330+/-0.000 χ^2/NDF:1747573006109556803933498085904220 16.0/10
In: -1.886+/-0.000 χ^2/NDF:245696440828624900
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15
Out: 1.304+/-0.000 χ^2/NDF:25607629522612705
Left In: -106.966+/-0.000 χ^2/NDF:8003577653118216185872152122097 6640.0/8
All: -0.244+/-0.000 χ^2/NDF: 5018470262078

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

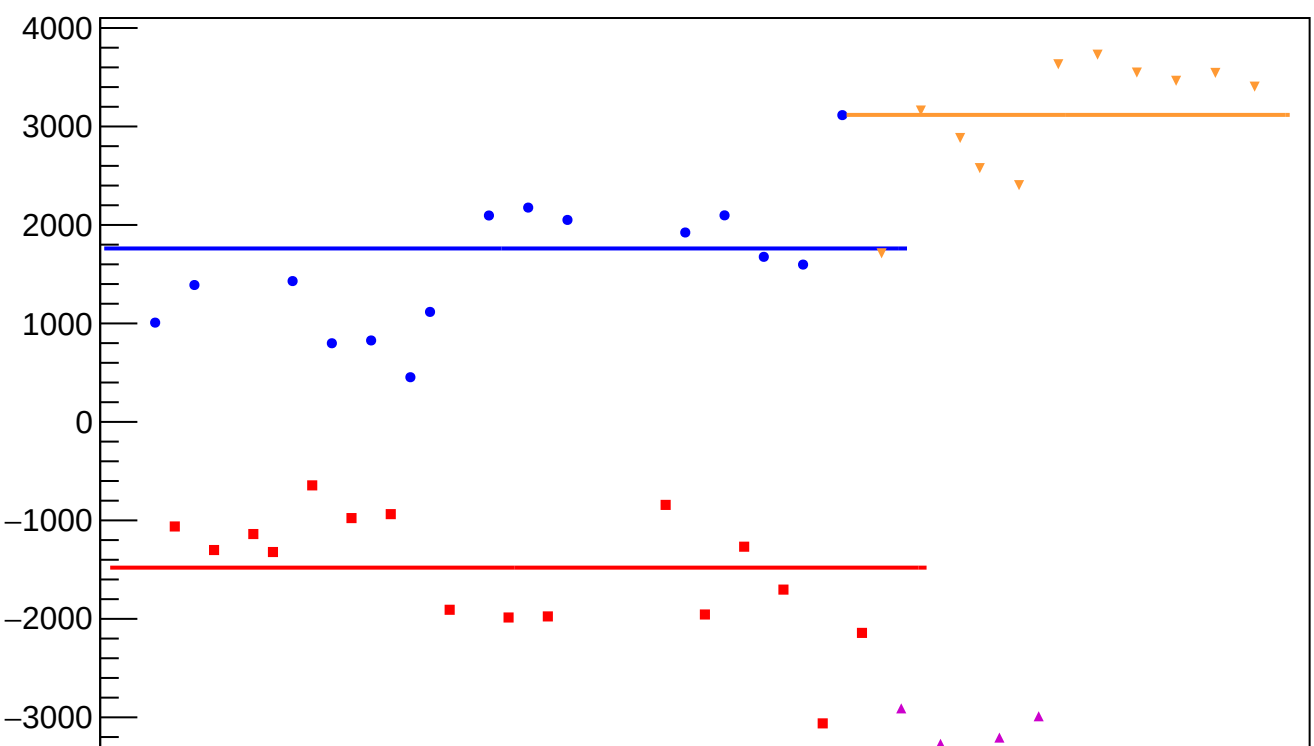
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -17.425+/-0.000 χ^2/NDF: 1756933210572867

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3117.578+/-0.000 χ^2/NDF:315100563247030224345760678845266001920.0/10

In: -1053.843+/-0.000 χ^2/NDF:989025752334549

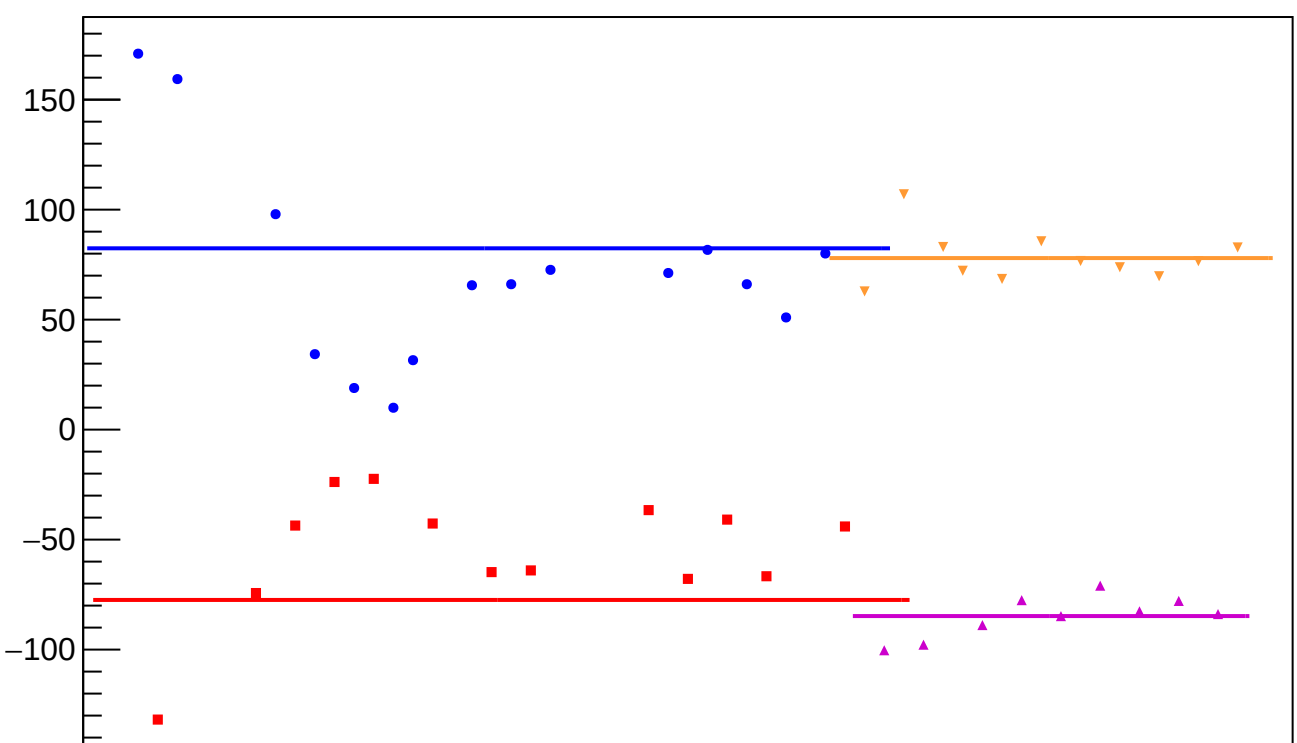
Right Out: -1479.801+/-0.000 χ^2/NDF: 2634677681347809688325512386092361318 40.0/15

Out: 1078.714+/-0.000 χ^2/NDF:842412780590597

Left In: -3429.646+/-0.000 χ^2/NDF:74333447914494569230996561206066544640.0/8

All: 43.818+/-0.000 χ^2/NDF: 2163367482348

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: 0.059+/-0.000 χ^2/NDF: 10787545091198129

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 1118435067130950

Left Out: 77.983+/-0.000 χ^2/NDF:1114340002197440523058893049760317 44.0/10

In: -8.241+/-0.000 χ^2/NDF:11162313471630954

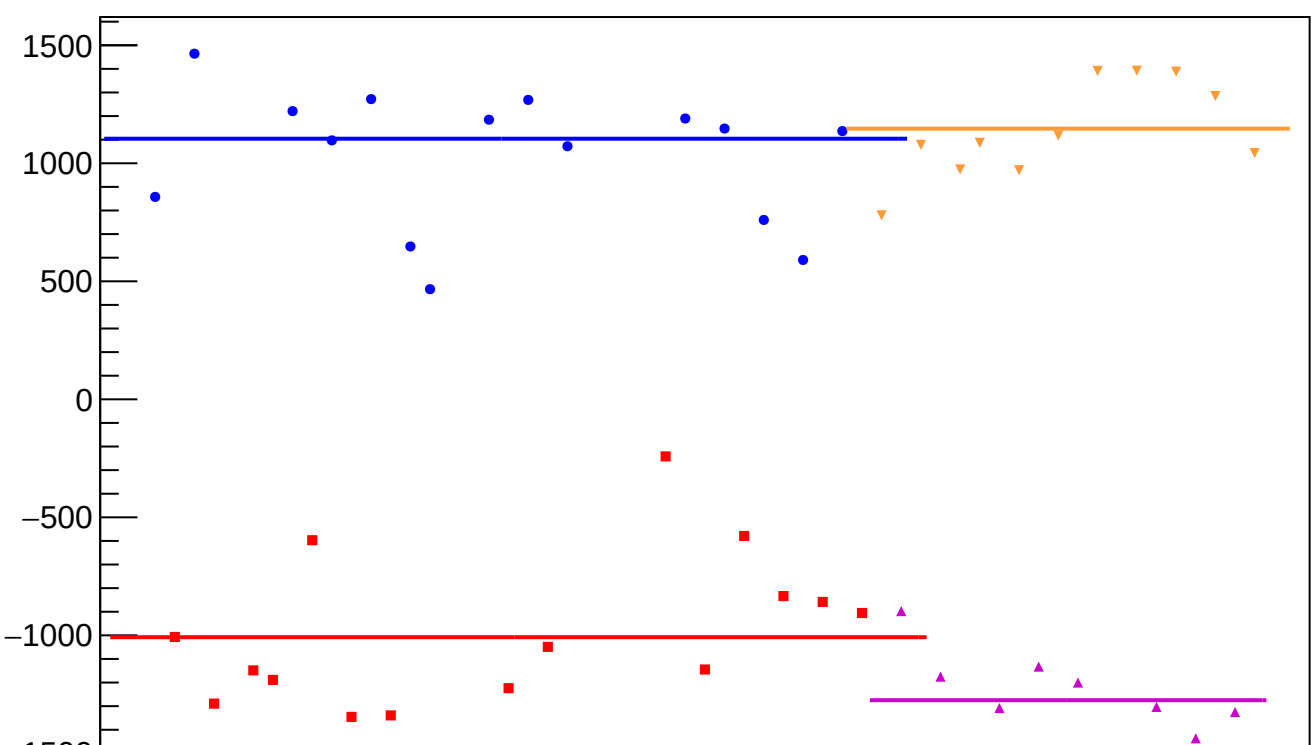
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 9.060+/-0.000 χ^2/NDF:10592432731136016

Left In: -84.756+/-0.000 χ^2/NDF:6185903021401153081963795385732 3008.0/8

All: 0.664+/-0.000 χ^2/NDF: 2197320289592

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -12.728+/-0.000 χ^2/NDF: 2411990132234547

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1146.849+/-0.000 χ^2/NDF:321039178253366416118821046302655119 36.0/10

In: -186.027+/-0.000 χ^2/NDF:2054107821912109

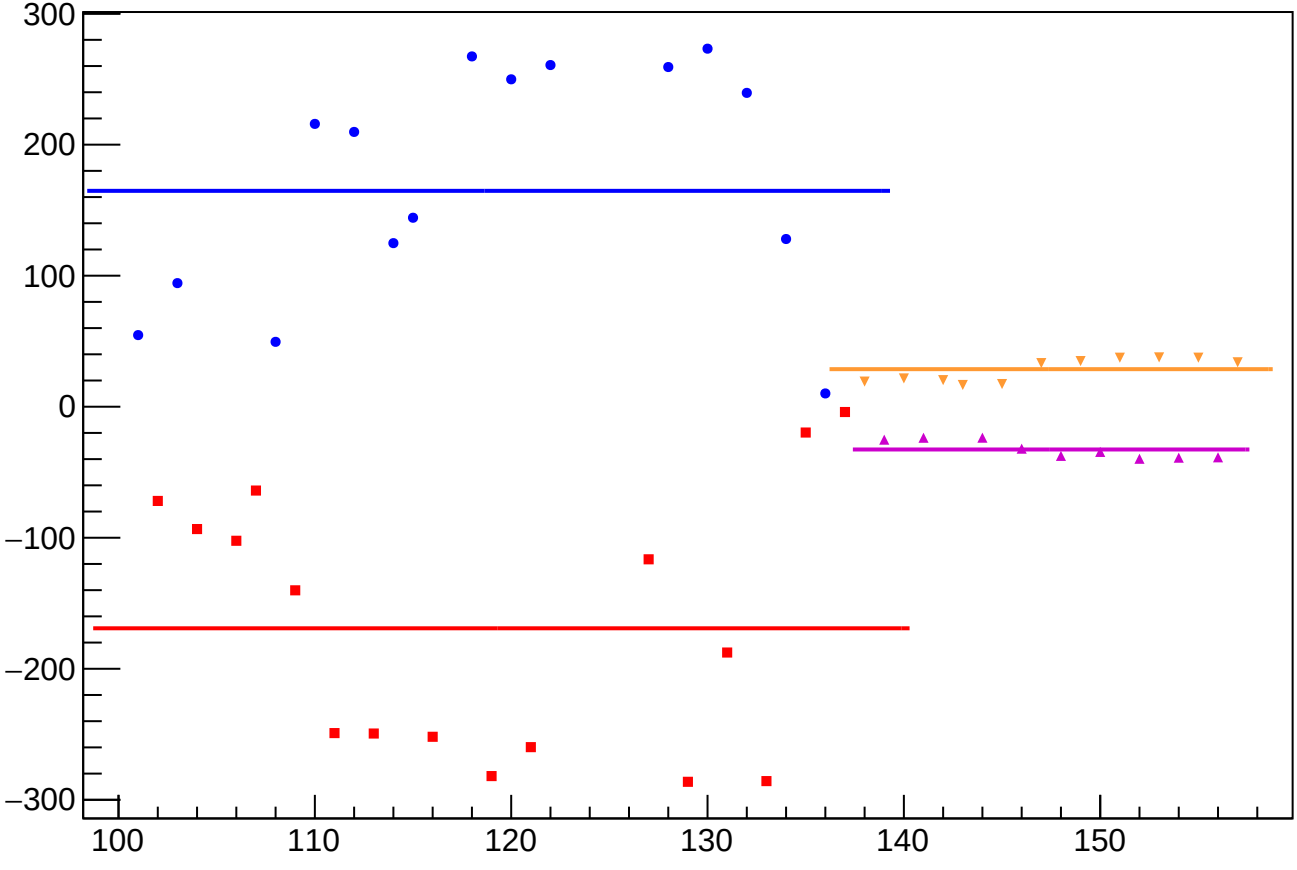
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 191.250+/-0.000 χ^2/NDF:1824634039753475

Left In: -1274.843+/-0.000 χ^2/NDF:2947358331217473854668785657574116 5568.0/8

All: 8.164+/-0.000 χ^2/NDF: 3982629542489 5

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -0.693+/-0.000 χ^2/NDF: 15982953863415468

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.661+/-0.000 χ^2/NDF:604971982487817428991357482287759 36.0/10

In: 57.703+/-0.000 χ^2/NDF:201153785892270237

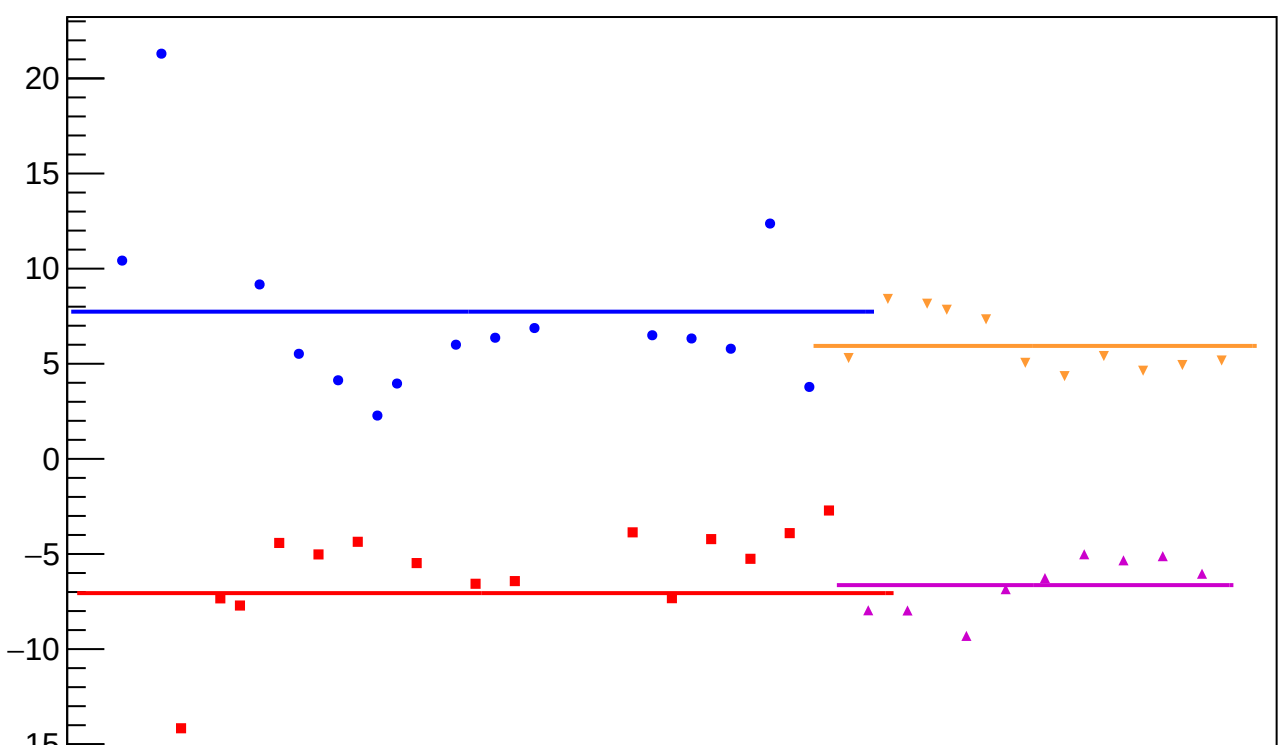
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

Out: -59.046+/-0.000 χ^2/NDF:2061960529218316

Left In: -32.642+/-0.000 χ^2/NDF:316367729167494662344498962203934 72.0/8

All: -2.390+/-0.000 χ^2/NDF: 5068324941299

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738+/-0.000 χ^2/NDF: 151272154792345060074694927680798 72.0/14

Left Out: 5.938+/-0.000 χ^2/NDF:172573578457815505295074739722649 6.0/10

Right Out: -7.057+/-0.000 χ^2/NDF: 112924412041393947923412427535810 56.0/15

Left In: -6.636+/-0.000 χ^2/NDF:156355328930382610664614569757900 8.0/8

Left: -0.083+/-0.000 χ^2/NDF: 6665741662914242 7

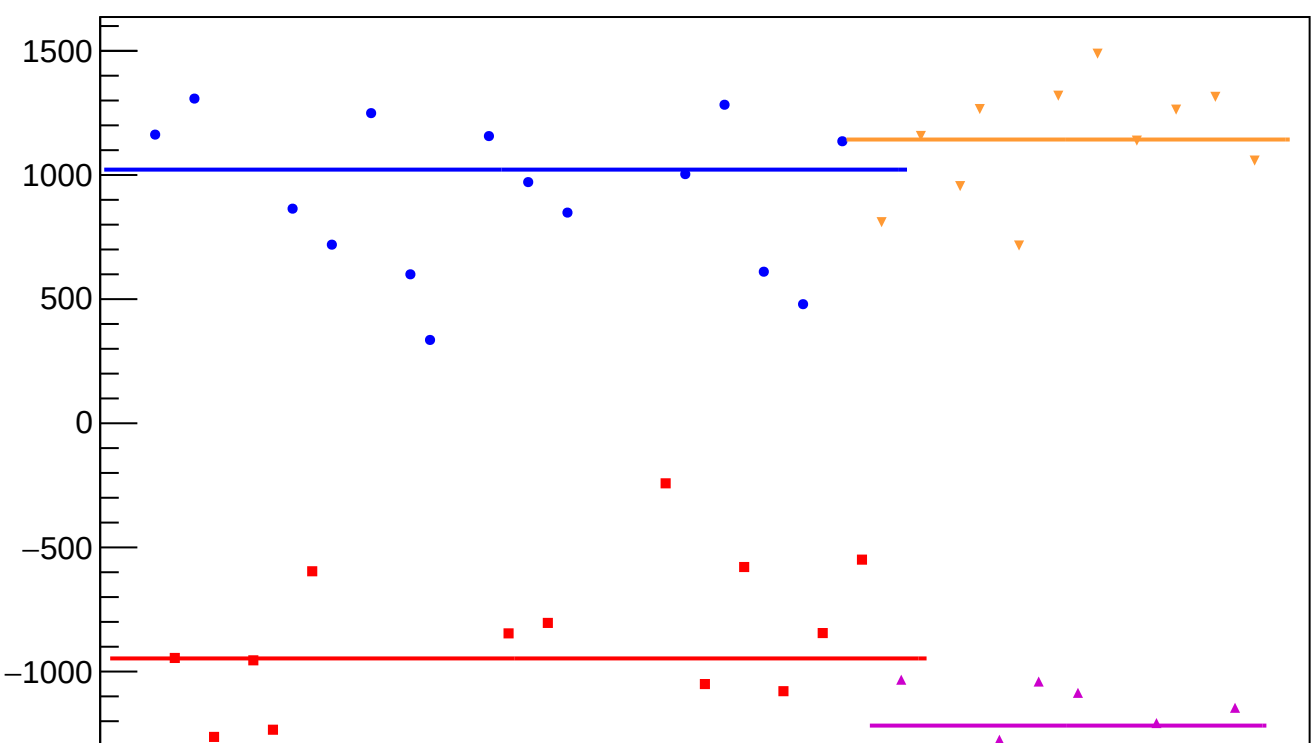
Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

In: -0.057+/-0.000 χ^2/NDF:8941844266726302 92

Out: 0.175+/-0.000 χ^2/NDF:7569933626880838 47

All: 0.062+/-0.000 χ^2/NDF: 1651571108182 8

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1142.908+/-0.000 χ^2/NDF:42694917457780139943000905132443543 5008.0/10

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Left In: -1217.657+/-0.000 χ^2/NDF:153767462732287652193892295224433049 60.0/8

Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528 2

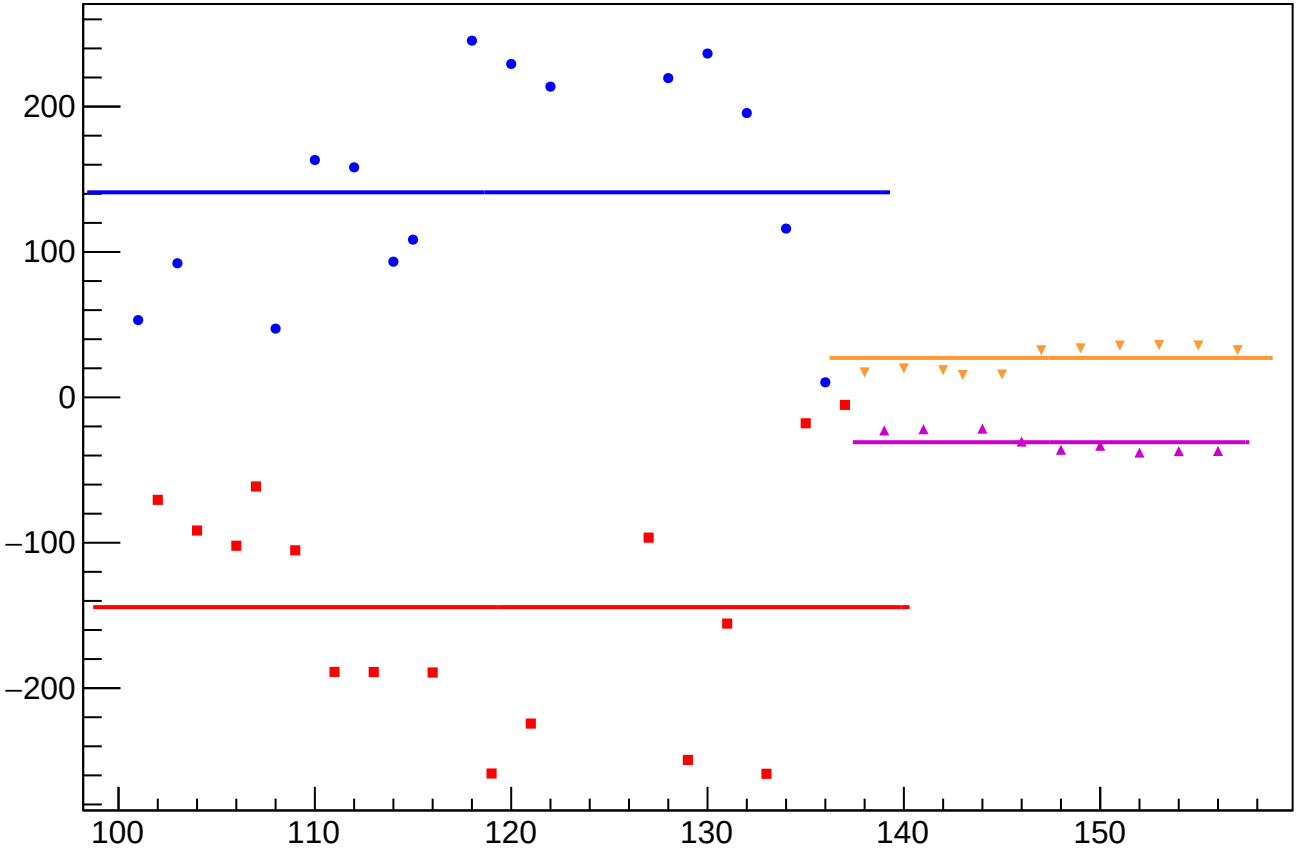
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -0.638+/-0.000 χ^2/NDF: 14410754371464478

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 27.118+/-0.000 χ^2/NDF:611249049561166140289942683522170 88.0/10

In: 47.819+/-0.000 χ^2/NDF:14939144484152544

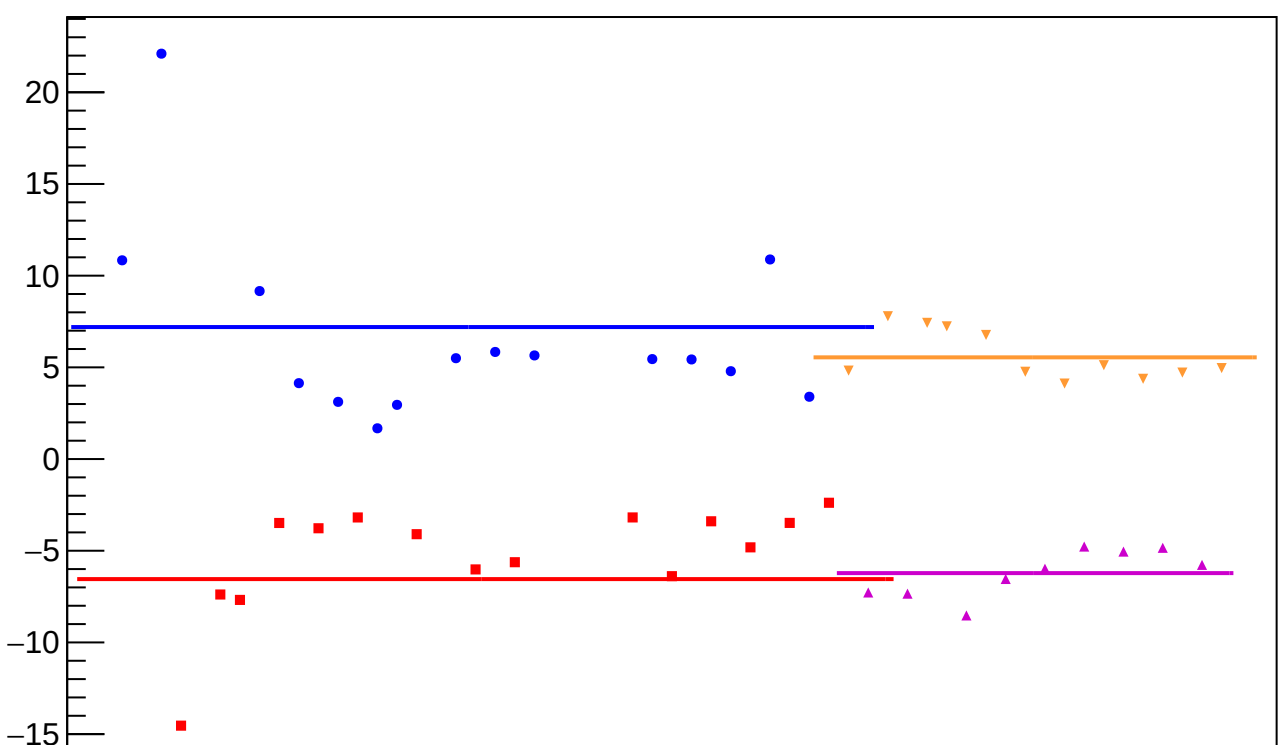
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -48.896+/-0.000 χ^2/NDF:152345255798951 9

Left In: -30.848+/-0.000 χ^2/NDF:3334126468415936558410116581084364 8.0/8

All: -1.962+/-0.000 χ^2/NDF: 3700070989381

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Left: -0.088+/-0.000 χ^2/NDF: 58017505155694775

Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Right: 0.232+/-0.000 χ^2/NDF: 94430884745367791

Left Out: 5.545+/-0.000 χ^2/NDF:13601242870941629167060534102589 44.0/10

In: -0.079+/-0.000 χ^2/NDF:82759073327257559 6

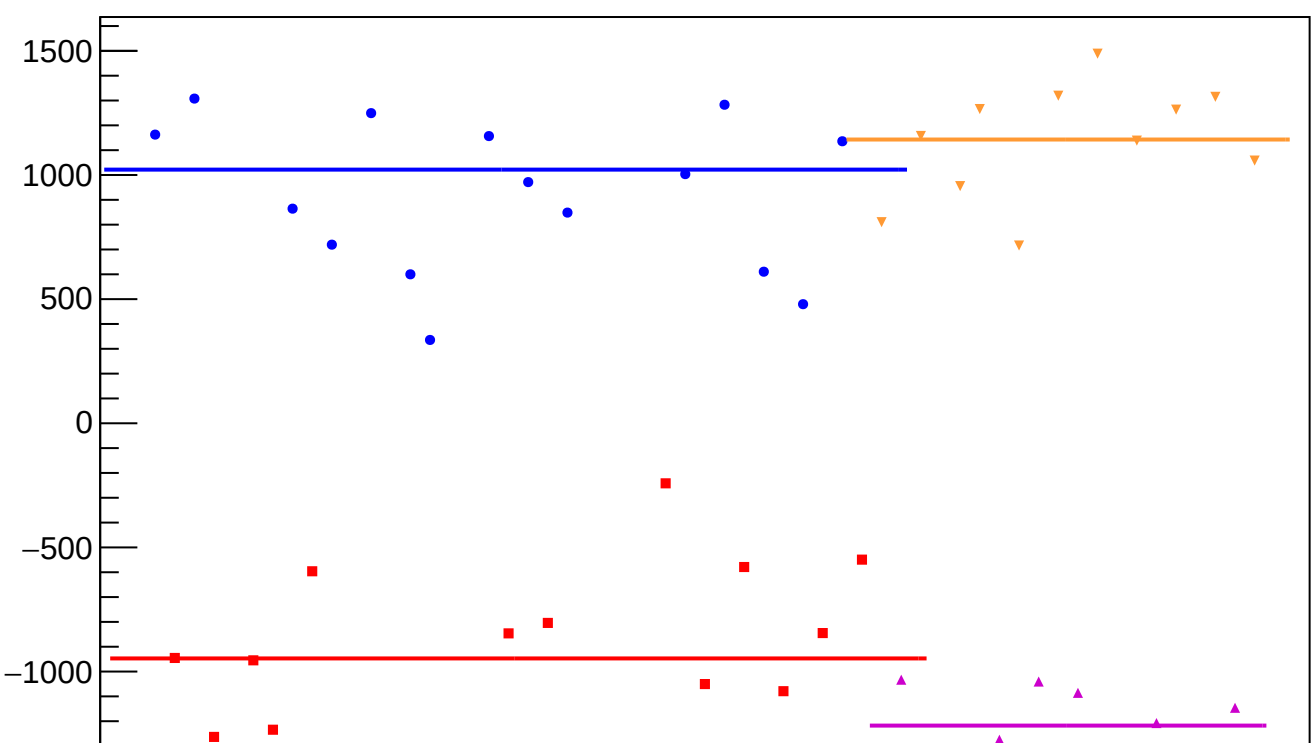
Right Out: -6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

Out: 0.183+/-0.000 χ^2/NDF:69713371819114533 9

Left In: -6.220+/-0.000 χ^2/NDF:11808543397260432839236767071600 64.0/8

All: 0.056+/-0.000 χ^2/NDF: 1525223779822 3

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

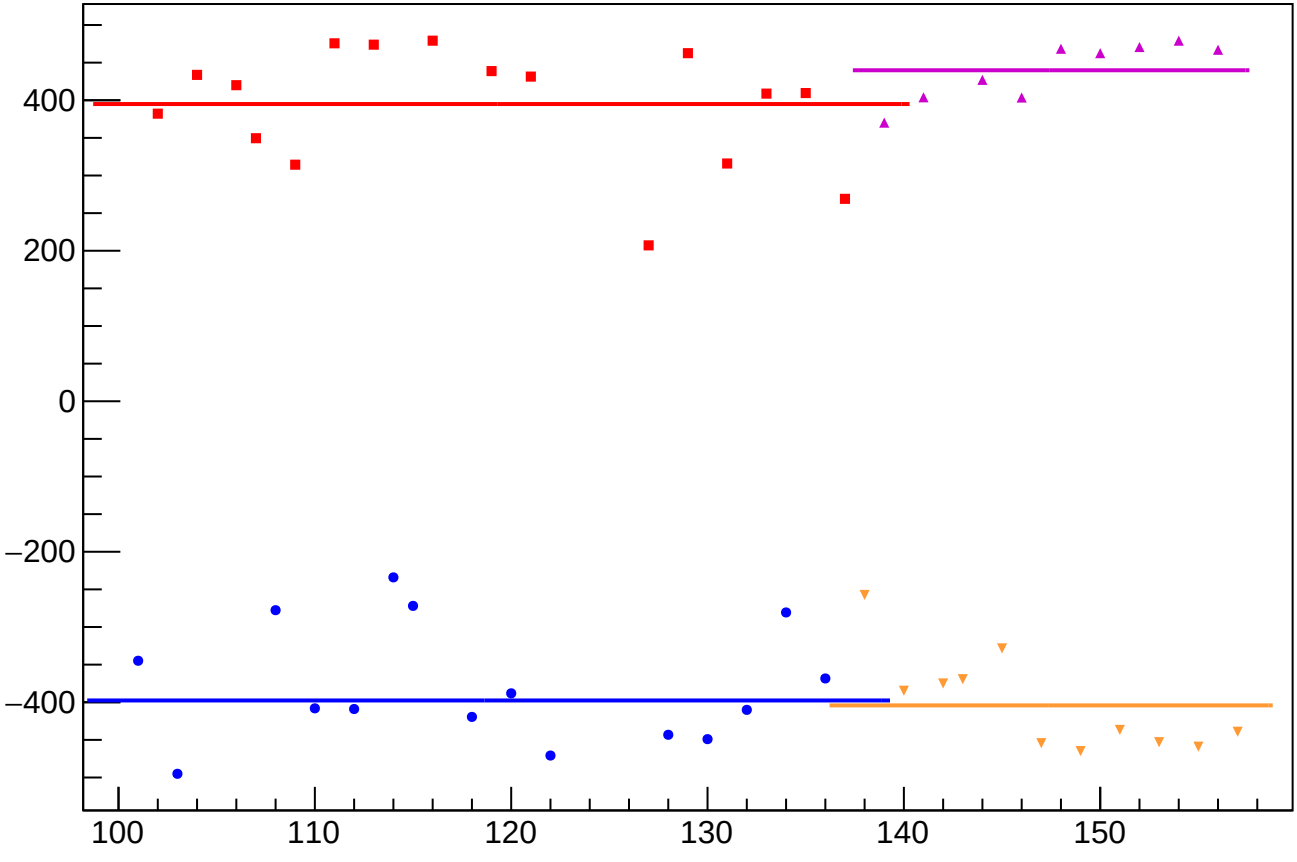
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330 4960.0/8

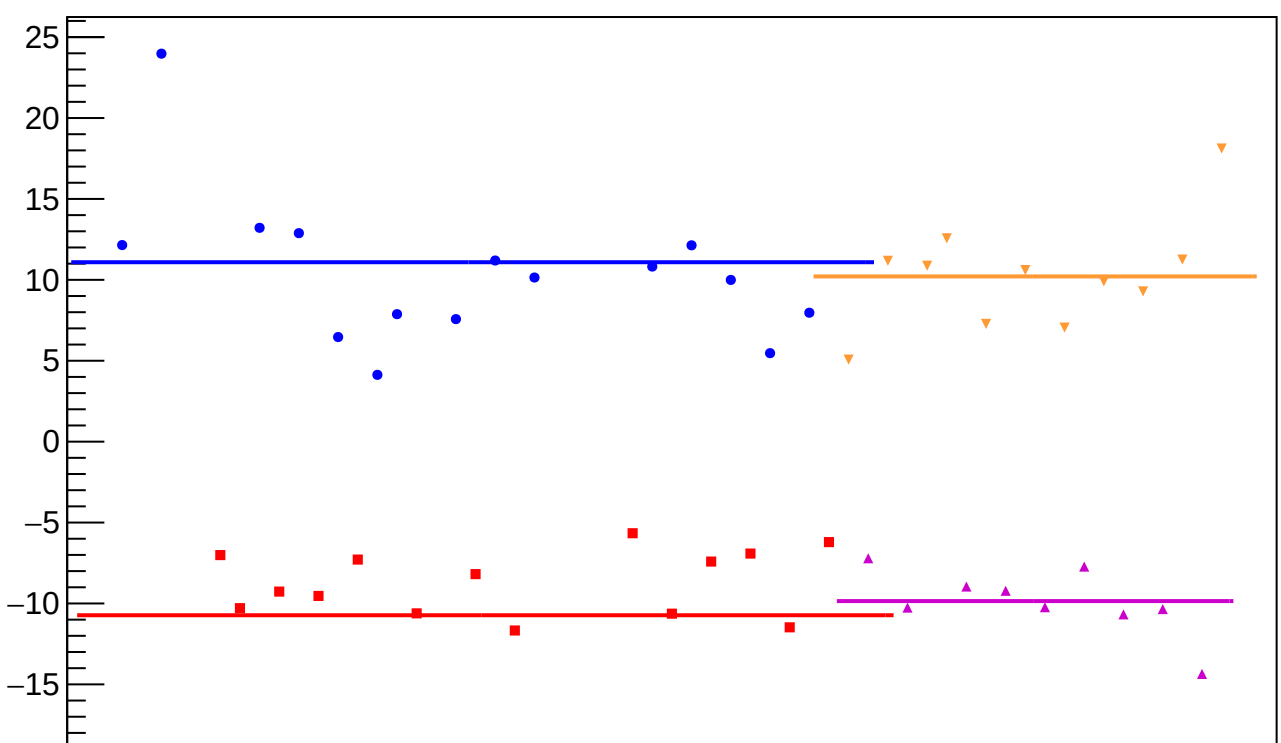
All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Left: -0.009+/-0.000 χ^2/NDF: 28995199235022099
Right In: -397.613+/-0.000 χ^2/NDF: 26612807853846332070961062294742630 40.0/14
Right: 4.100+/-0.000 χ^2/NDF: 21298342988437283
Left Out: -404.152+/-0.000 χ^2/NDF:34254842445087454138289021042944901 12.0/10
In: 56.565+/-0.000 χ^2/NDF:25054048286562278 2
Right Out: 394.973+/-0.000 χ^2/NDF: 36855955134271835015961652808741 02784.0/15
Out: -49.753+/-0.000 χ^2/NDF:2441570265536982
Left In: 439.871+/-0.000 χ^2/NDF:10209084208493378622027883142530990 08.0/8
All: 1.842+/-0.000 χ^2/NDF: 5029476361538 8

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.604+/-0.000 χ^2/NDF: 173333998980517237

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: 10.211+/-0.000 χ^2/NDF:918228450147215962247431583065702 4.0/10

In: -0.268+/-0.000 χ^2/NDF:171406542134364478

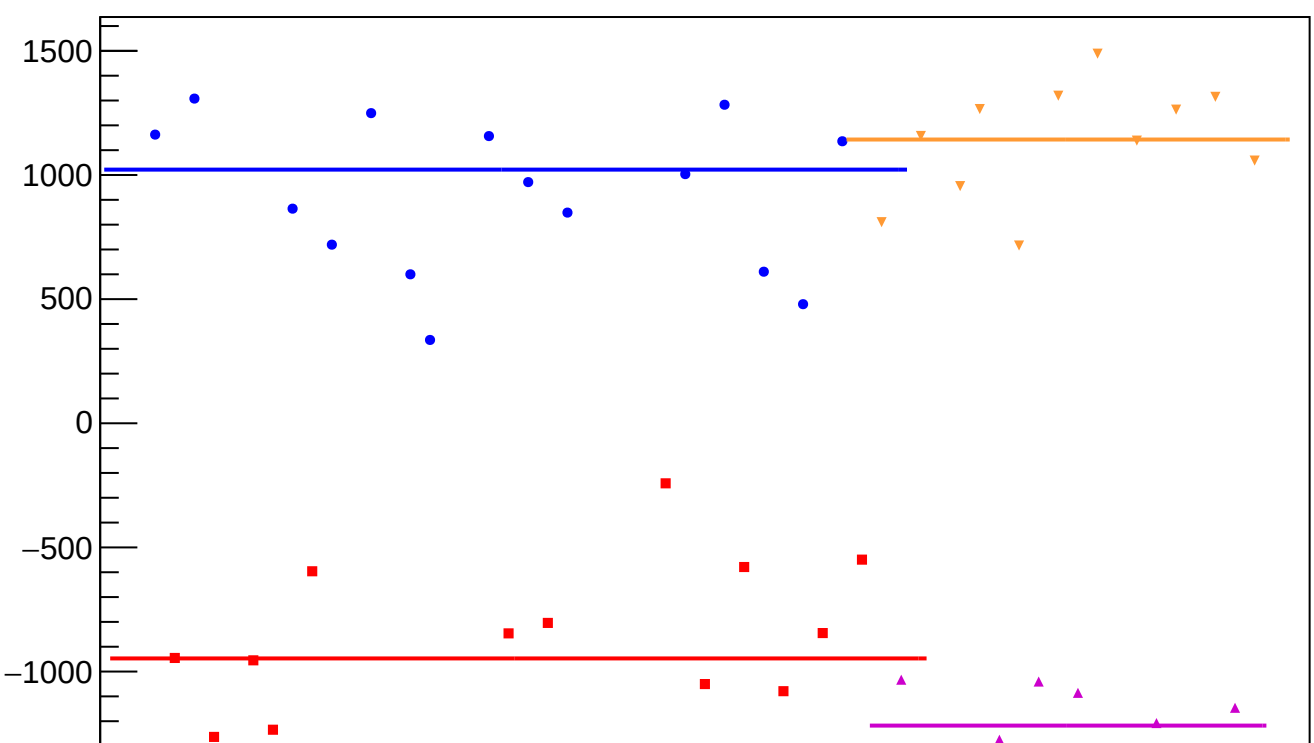
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

Out: 0.925+/-0.000 χ^2/NDF:186689931544643401

Left In: -9.853+/-0.000 χ^2/NDF:281340006796938218305284474509721 6.0/8

All: 0.346+/-0.000 χ^2/NDF: 3591355748150 5

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

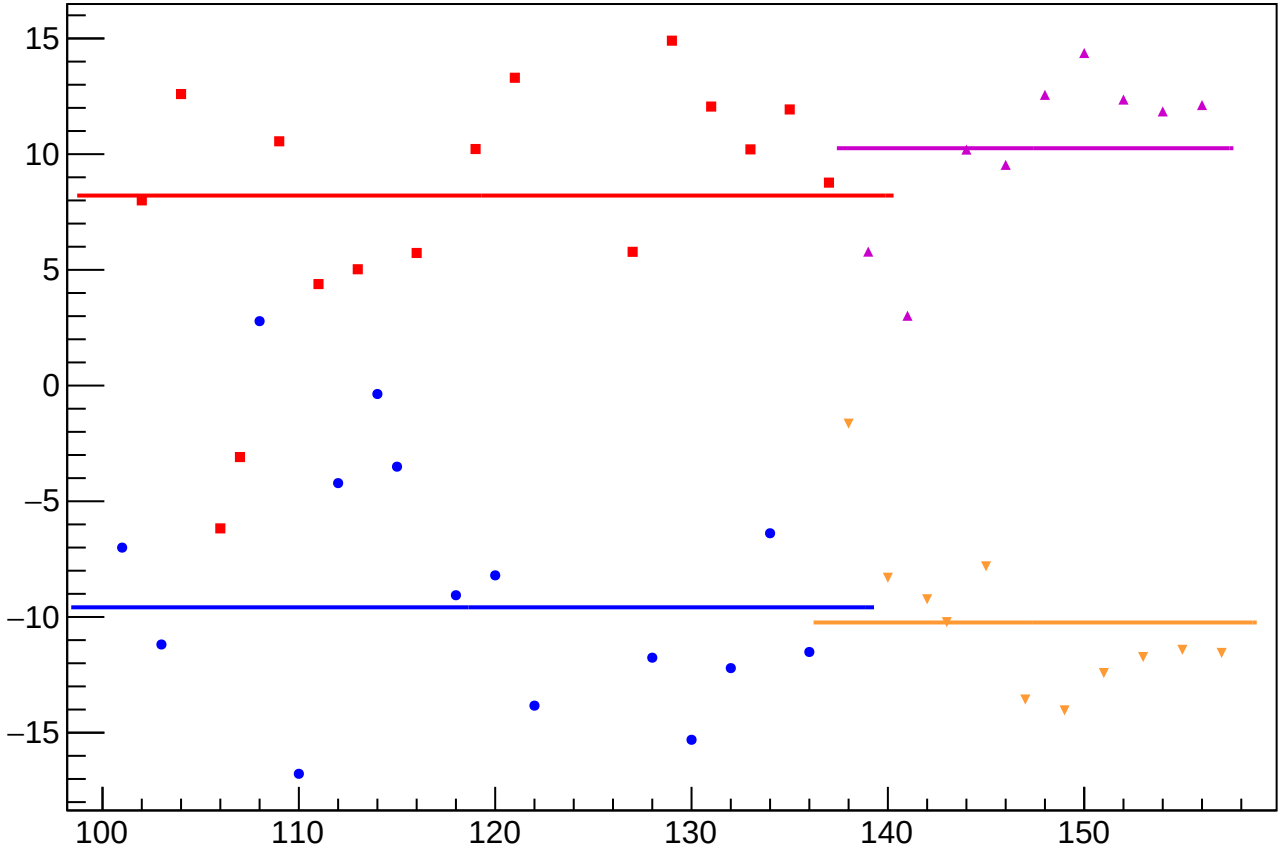
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330 4960.0/8

All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: -0.424+/-0.000 χ^2/NDF: 18680083062582184

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.238+/-0.000 χ^2/NDF:9470185567085375121630605361545216.0/10

In: 1.177+/-0.000 χ^2/NDF:162219242835050987 4

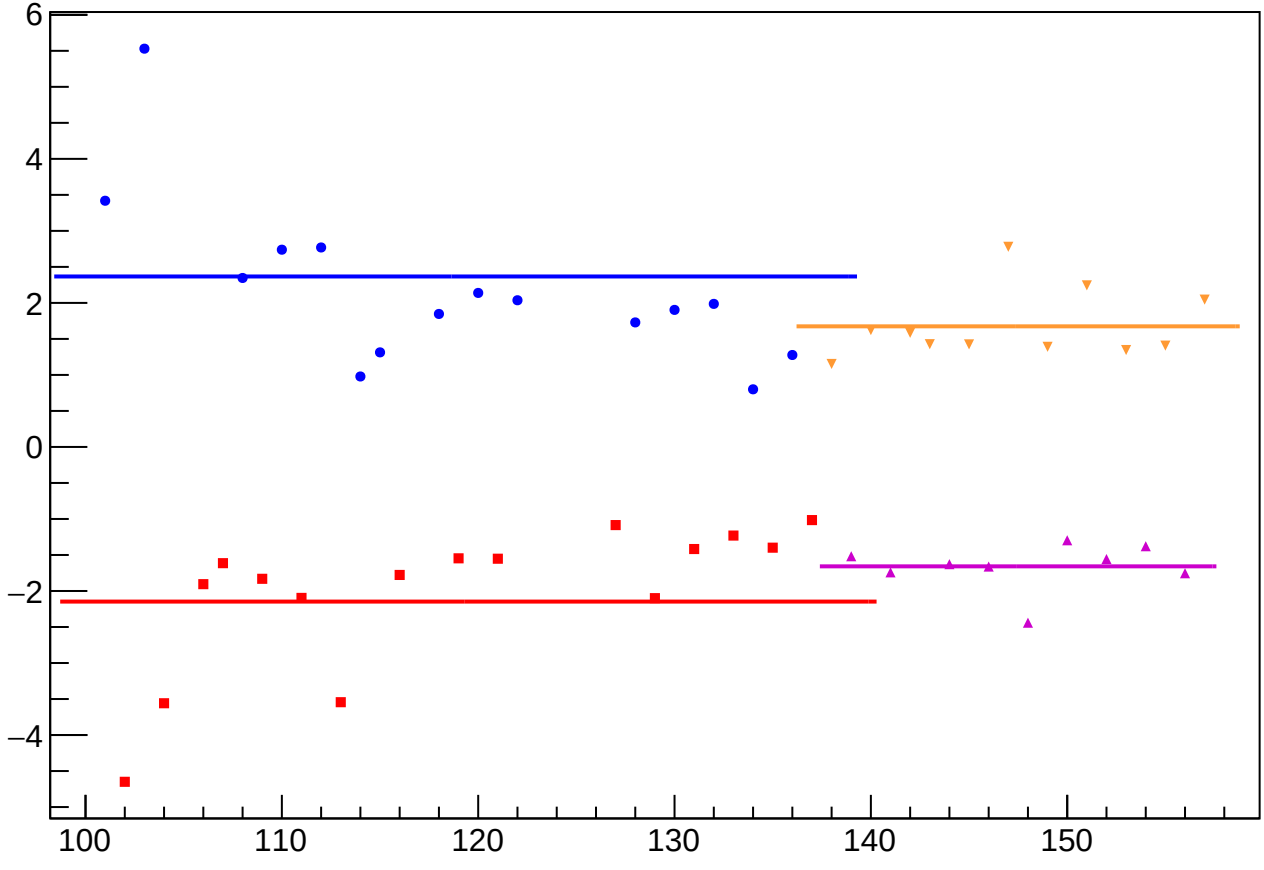
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

Out: -2.056+/-0.000 χ^2/NDF:1541171943628388 8

Left In: 10.257+/-0.000 χ^2/NDF:8990704025583149800894076616179712.0/8

All: -0.487+/-0.000 χ^2/NDF: 3239642062011

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Left: 0.079+/-0.000 χ^2/NDF: 470864727265047412

Right In: 2.367+/-0.000 χ^2/NDF: 920633294546152876922066767446016.0/14

Right: 0.079+/-0.000 χ^2/NDF: 83877353838823588

Left Out: 1.675+/-0.000 χ^2/NDF:183747962794535198965102878392320.0/10

In: 0.184+/-0.000 χ^2/NDF:669645181806753053

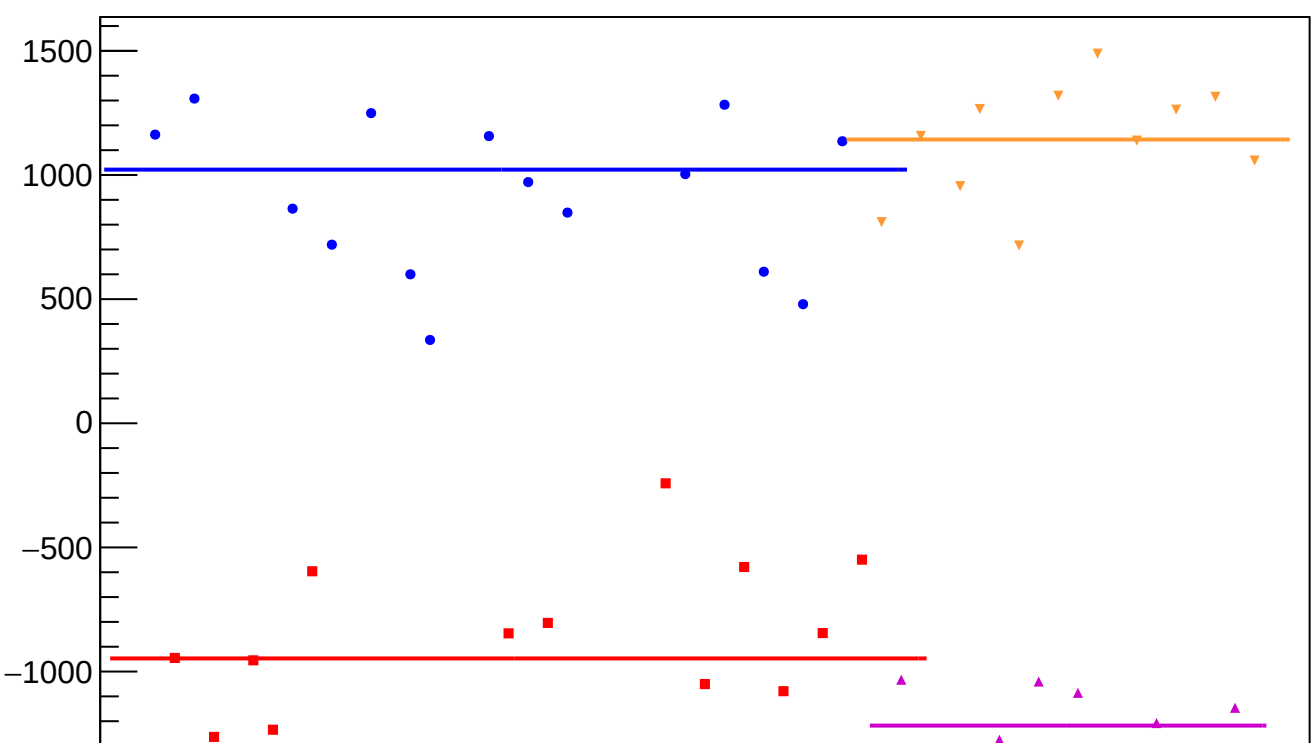
Right Out: -2.147+/-0.000 χ^2/NDF: 764171992480224478656127555338240.0/15

Out: -0.020+/-0.000 χ^2/NDF:63693881268667644

Left In: -1.658+/-0.000 χ^2/NDF:742098883499595059144759254712 32.0/8

All: 0.079+/-0.000 χ^2/NDF: 13096382675175

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

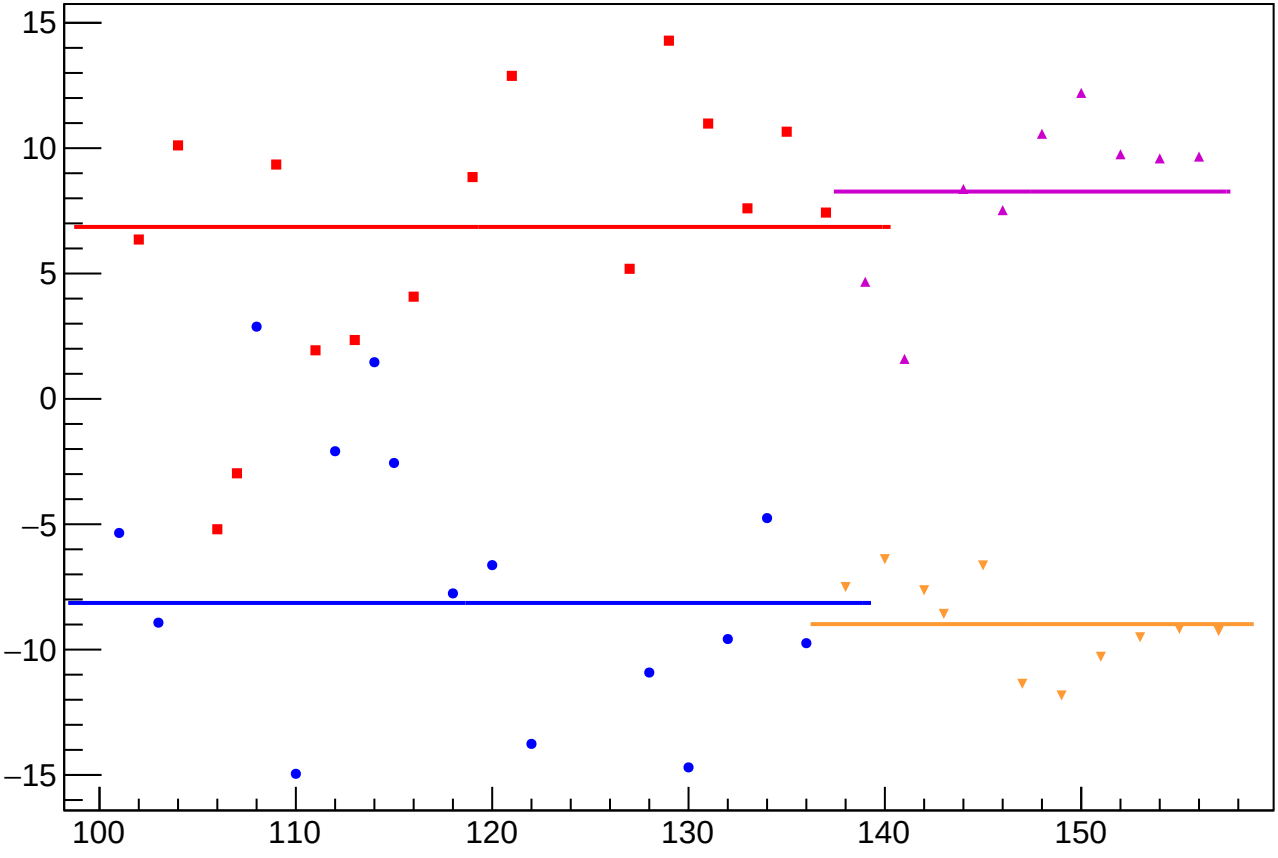
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330496 0.0/8

All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.723+/-0.000 χ^2/NDF: 12908239729125593

Right In: -8.139+/-0.000 χ^2/NDF: 14676442649222120372533779893321728.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -8.984+/-0.000 χ^2/NDF:2544629823010847326102417892704256.0/10

In: 0.759+/-0.000 χ^2/NDF:116671496838514939

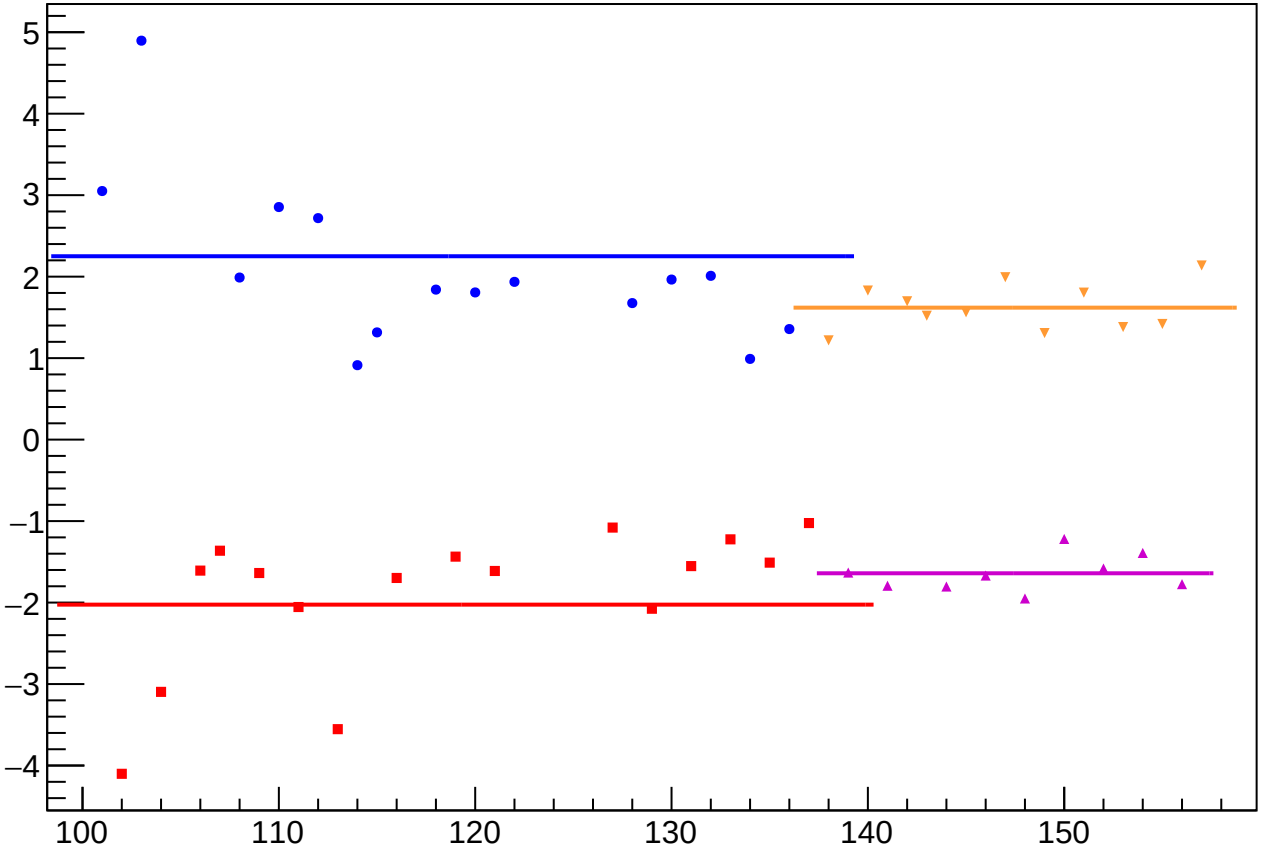
Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

Out: -1.958+/-0.000 χ^2/NDF:11219437425260372

Left In: 8.269+/-0.000 χ^2/NDF:7242197282820664149374016264601600.0/8

All: -0.639+/-0.000 χ^2/NDF: 2342546780439

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: 0.059+/-0.000 χ^2/NDF: 43635048191774032

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: 1.620+/-0.000 χ^2/NDF:6826179717938744624002188391 2192.0/10

In: 0.140+/-0.000 χ^2/NDF:602096651719055060 9

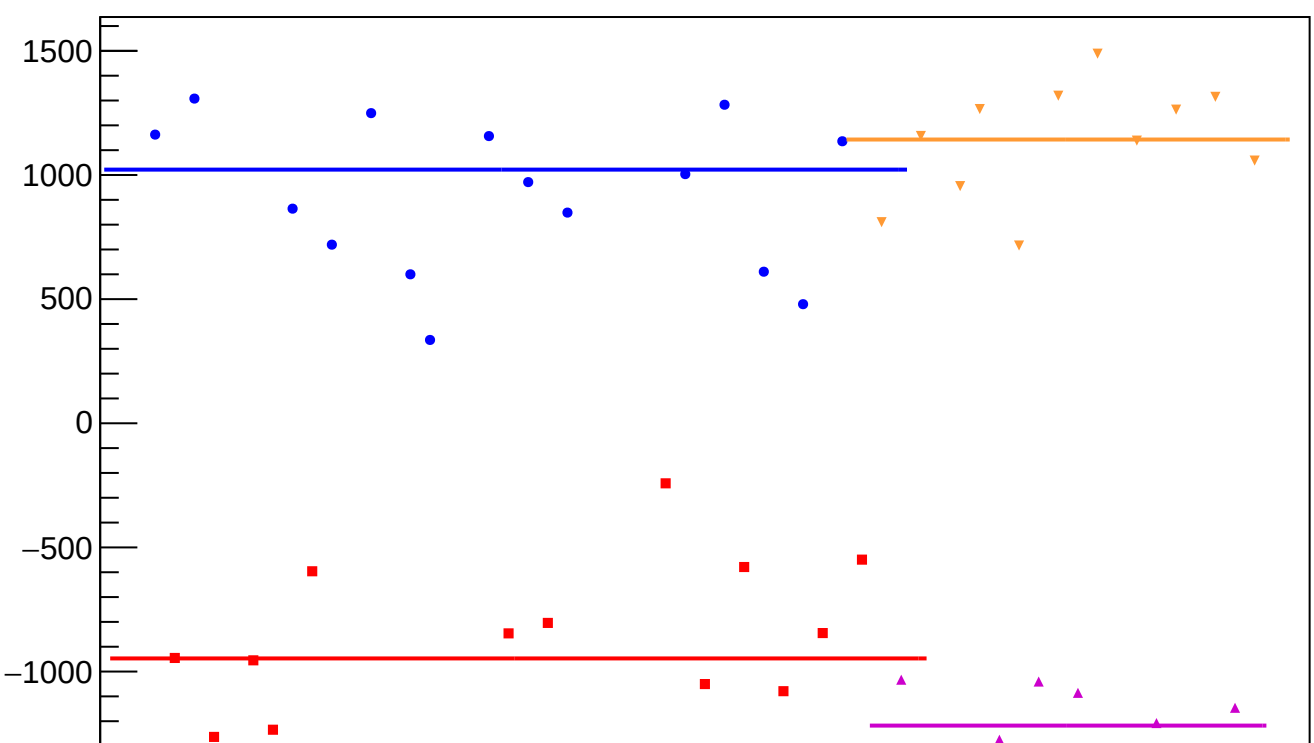
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.003+/-0.000 χ^2/NDF:5578488195616998 35

Left In: -1.640+/-0.000 χ^2/NDF:3588018281800840588559658044620 8.0/8

All: 0.070+/-0.000 χ^2/NDF: 1161320475331 5

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

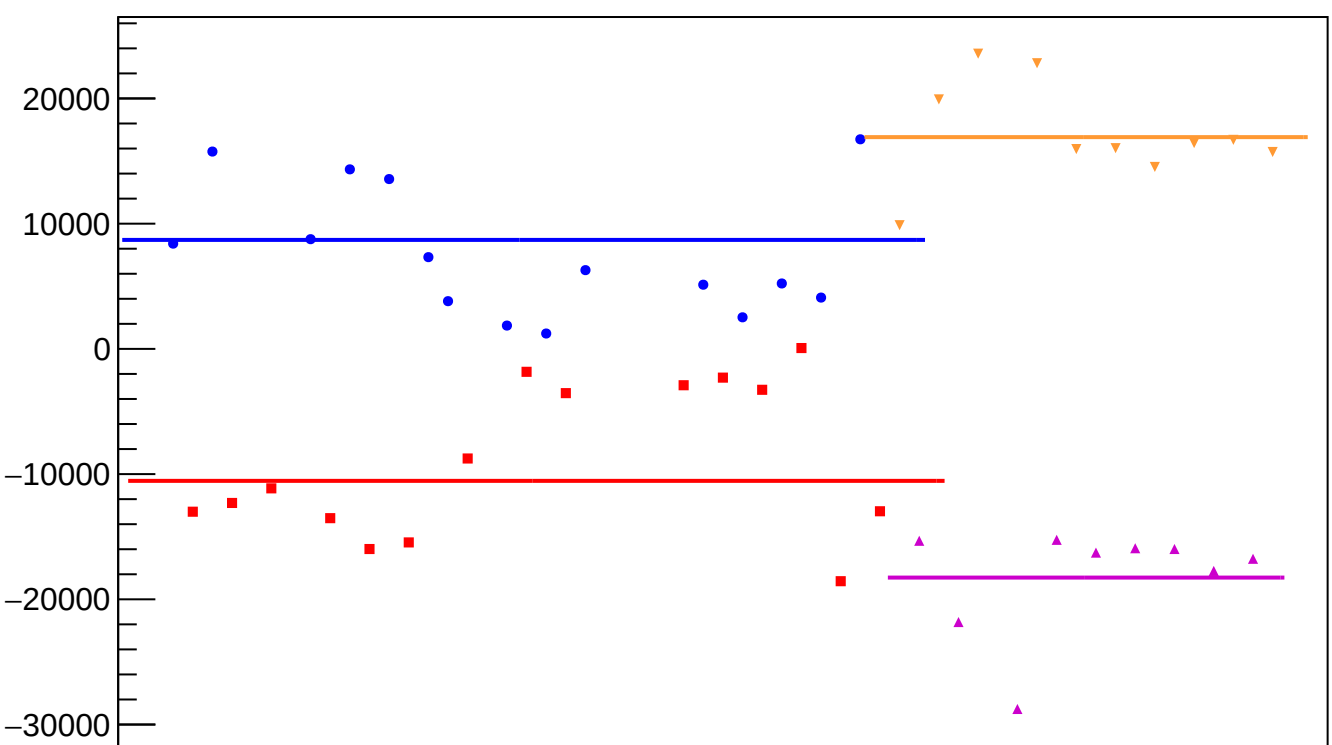
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330 4960.0/8

All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -664.975+/-0.000 χ^2/NDF: 500056491963010

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191919226 88.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16911.452+/-0.000 χ^2/NDF:101747108878992636437376556569687731732 48.0/9

In: -5921.546+/-0.000 χ^2/NDF:289284289688945

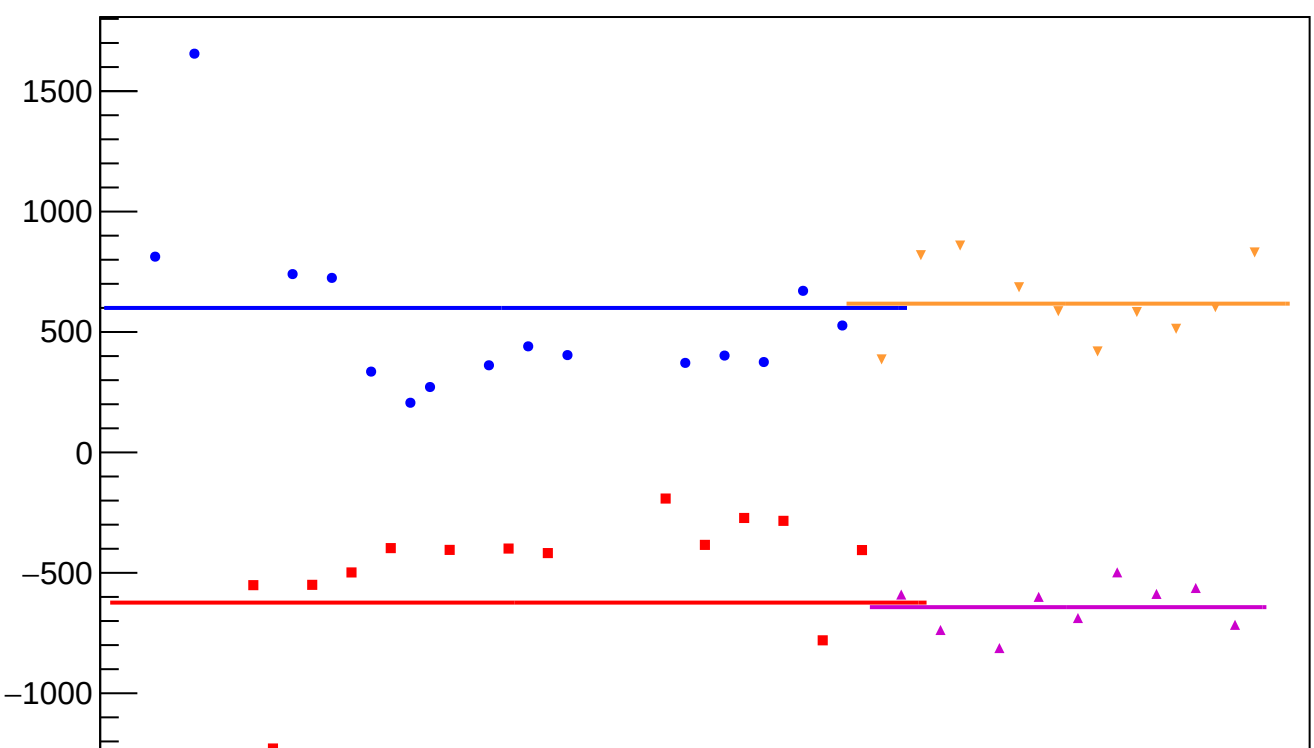
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4169.859+/-0.000 χ^2/NDF:325721728899011

Left In: -18264.258+/-0.000 χ^2/NDF:138190357827057783749474849416171214602 24.0/8

All: -842.264+/-0.000 χ^2/NDF: 68768856158

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -11.975+/-0.000 χ^2/NDF: 6365454176055977

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 617.688+/-0.000 χ^2/NDF:1854142658310349164388097145948654796 8.0/9

In: -73.870+/-0.000 χ^2/NDF:63948382047054993

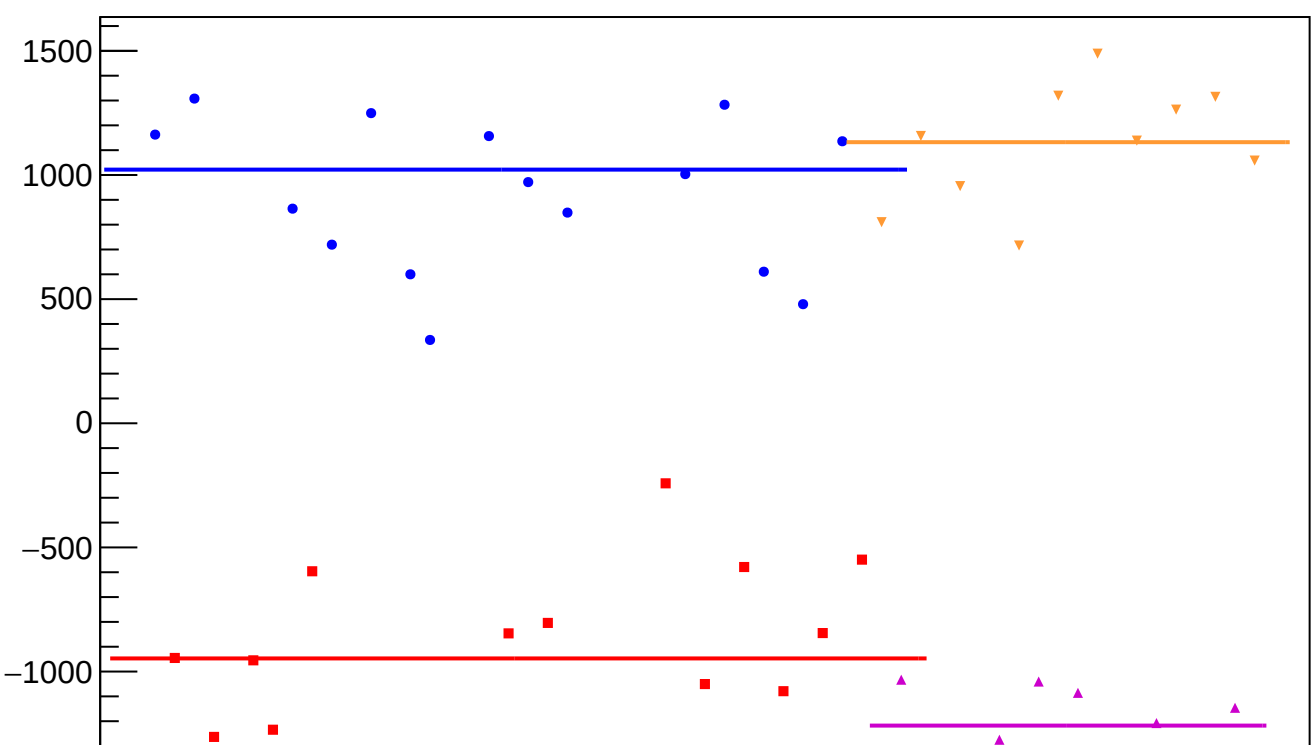
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 41.545+/-0.000 χ^2/NDF:67064997646257793

Left In: -642.457+/-0.000 χ^2/NDF:7034527123942446086688201113692274688.0/8

All: -15.779+/-0.000 χ^2/NDF: 13196408257 1

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -41.952+/-0.000 χ^2/NDF: 2181542865664592

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1132.226+/-0.000 χ^2/NDF:415973049980510276829493828673077248 00.0/9

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

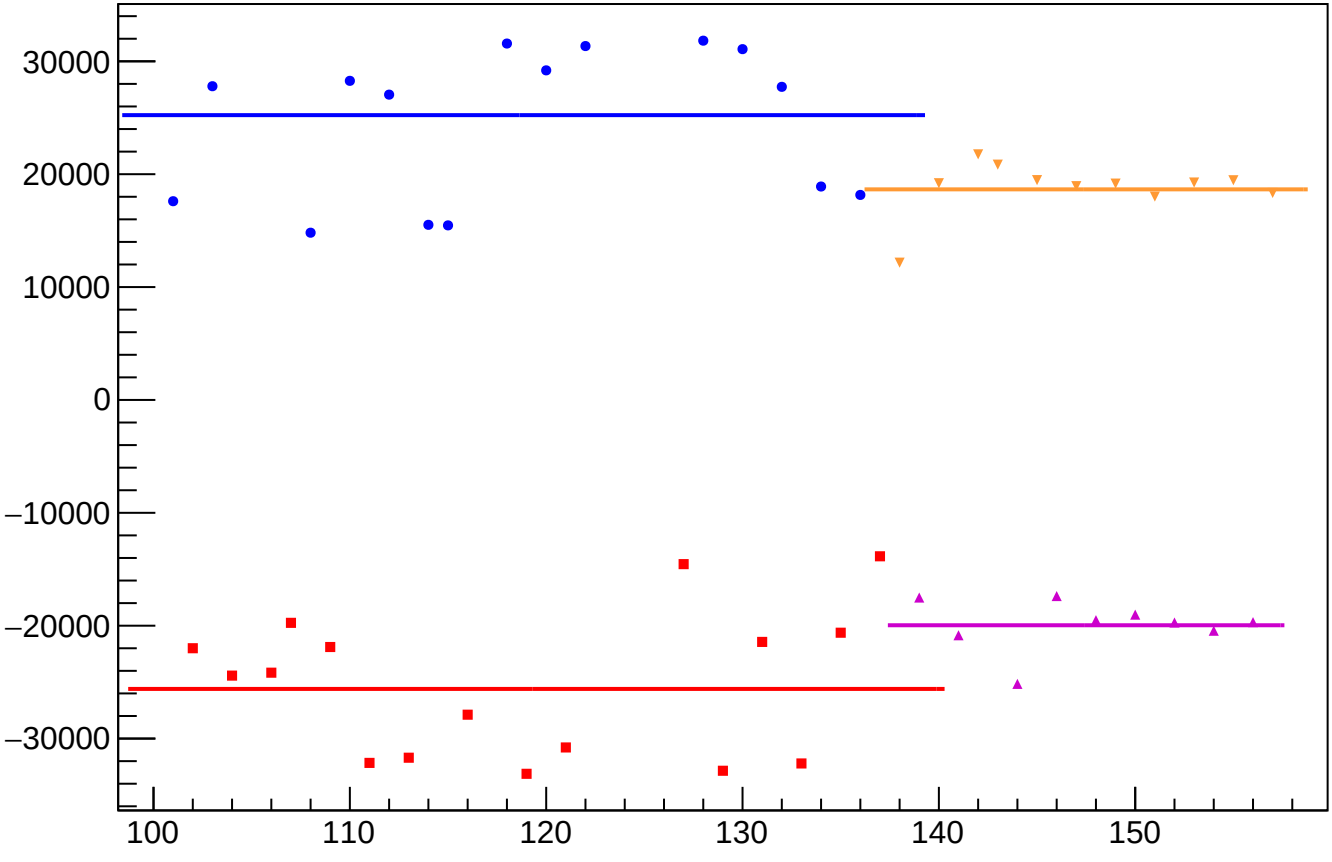
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: 167.062+/-0.000 χ^2/NDF:1654721526923735

Left In: -1217.657+/-0.000 χ^2/NDF:153767462732287652193892295224433049 60.0/8

All: -11.642+/-0.000 χ^2/NDF: 356794876800

dit_usr_coil7_mean vs Slug, Sign Corrected



Left: 165.334+/-0.000 χ^2/NDF: 6056168346711359

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Right: -532.226+/-0.000 χ^2/NDF: 89888992461613

Left Out: 18656.628+/-0.000 χ^2/NDF:4282886233292414721953771123490447949824.0/10

In: 723.304+/-0.000 χ^2/NDF:7470319998275782 8

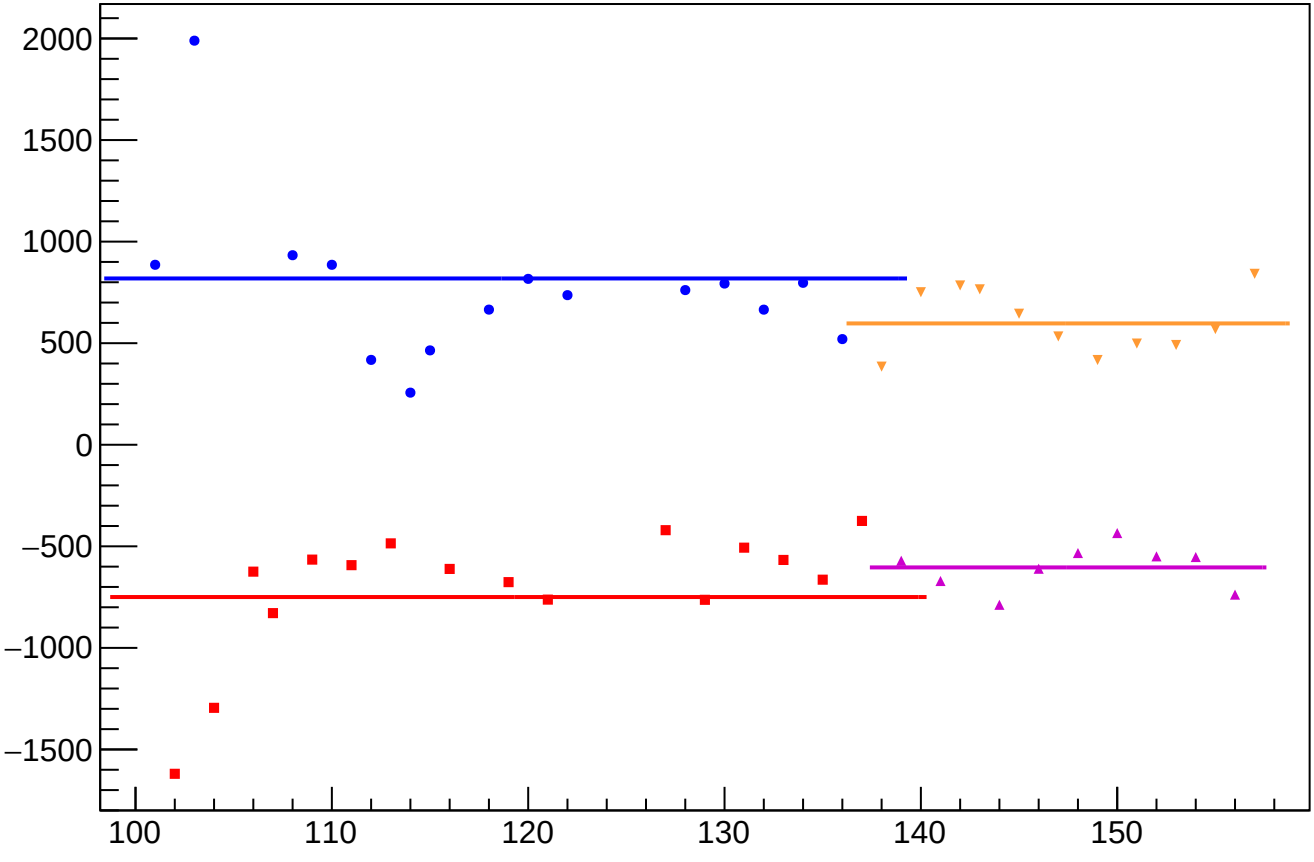
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -971.096+/-0.000 χ^2/NDF:755731270784276

Left In: -19961.082+/-0.000 χ^2/NDF:3639400231776096018912009671195368620032.0/8

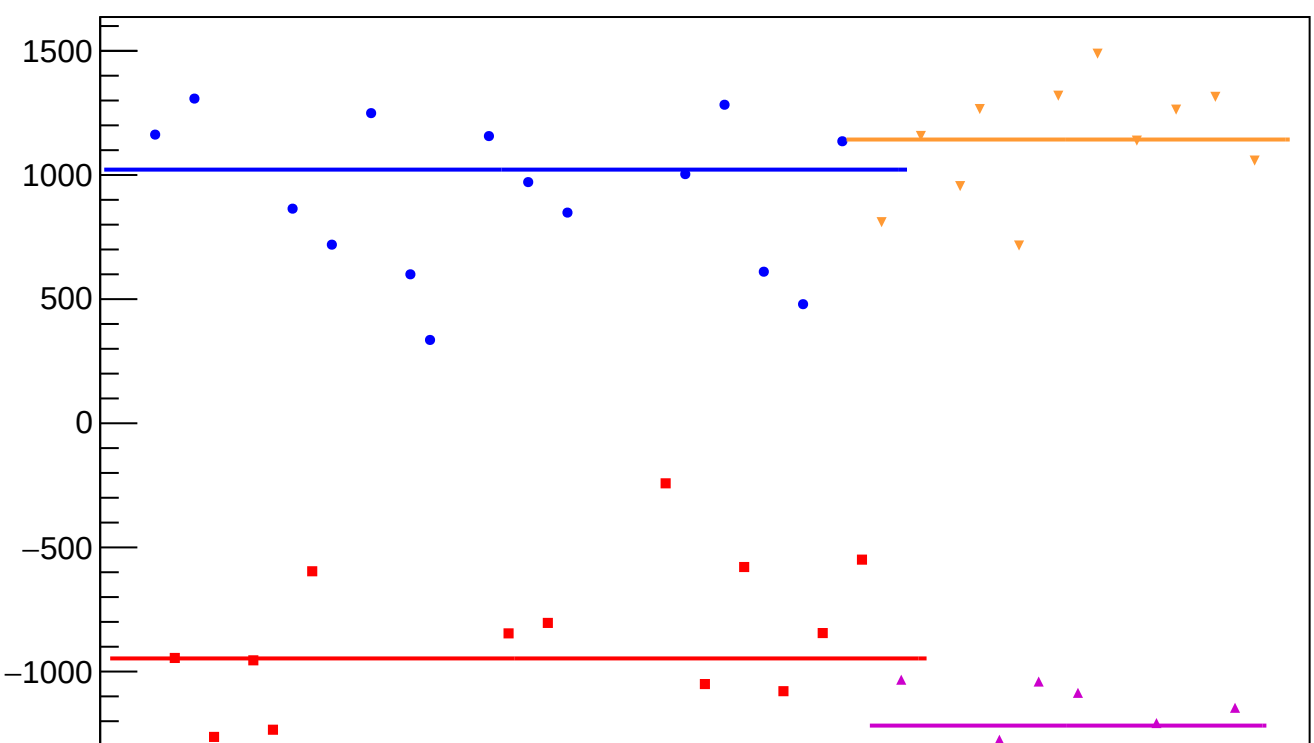
All: -148.831+/-0.000 χ^2/NDF: 15048587118

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: 22.153+/-0.000 χ^2/NDF: 60532119914292702
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 597.290+/-0.000 χ^2/NDF:18674943192736808163384662919487684608.0/10
In: 47.222+/-0.000 χ^2/NDF:82624553682550495 6
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
Out: -0.061+/-0.000 χ^2/NDF:7701007303968322 8
Left In: -603.842+/-0.000 χ^2/NDF:8433344734601540327699645033267331072.0/8
All: 22.885+/-0.000 χ^2/NDF: 1597978056162

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

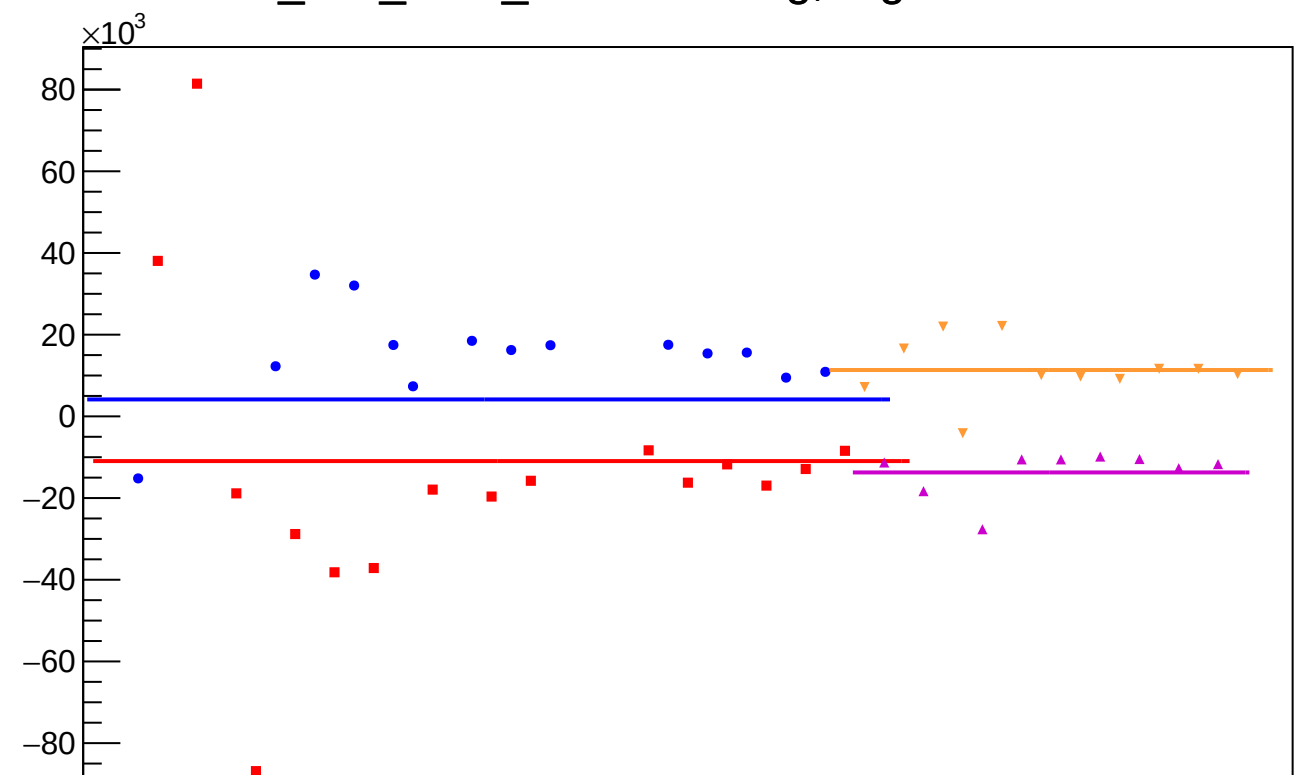
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330 4960.0/8

All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -659.229+/-0.000 χ^2/NDF: 311025656123268

Right In: 4145.268+/-0.000 χ^2/NDF: 763693998395064689637972381933507648159744.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11348.016+/-0.000 χ^2/NDF:3507980902707255761795467460613809949900 8.0/10

In: -5547.766+/-0.000 χ^2/NDF:900060182931315

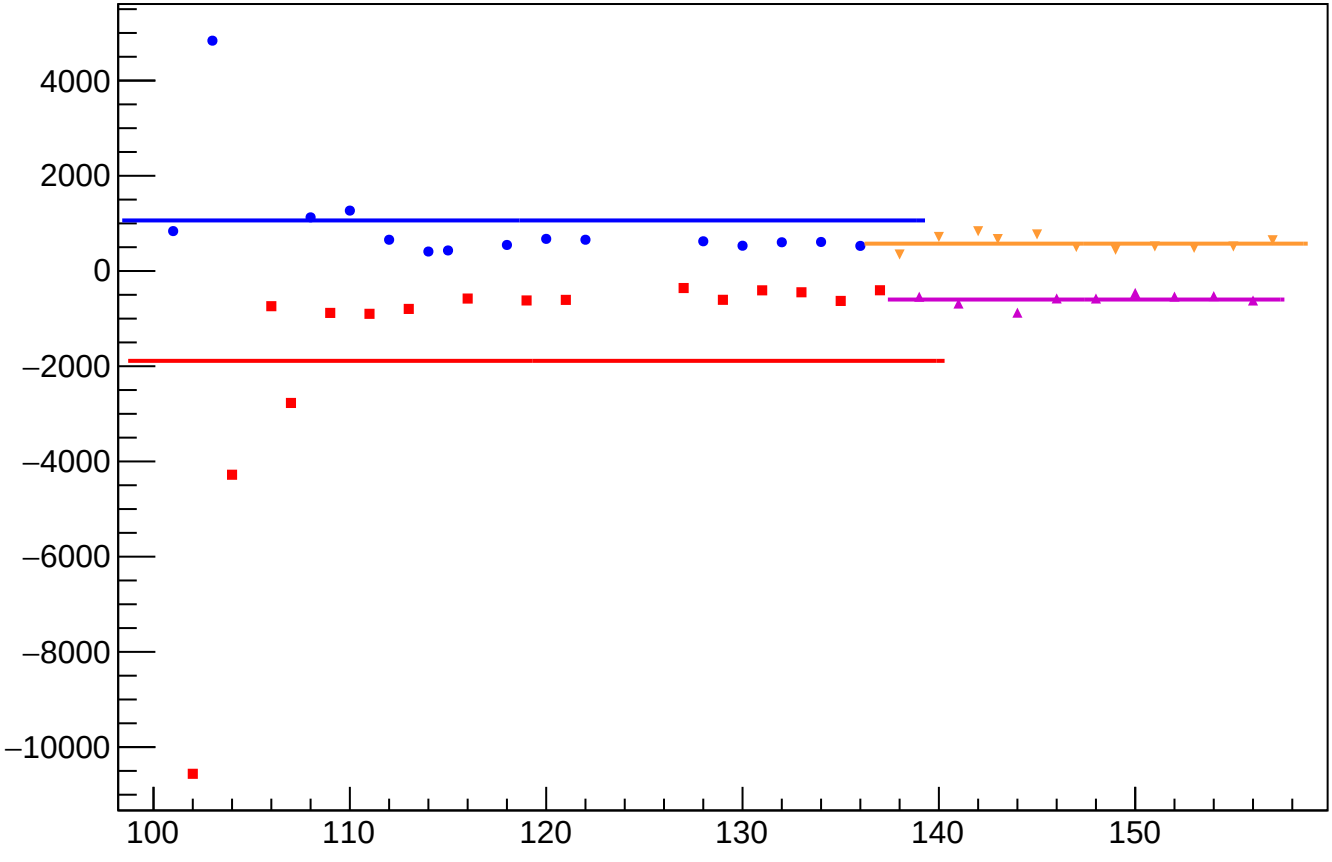
Right Out: -10948.073+/-0.000 χ^2/NDF: 873949668510327201514601463115396191092736.0/15

Out: 1460.056+/-0.000 χ^2/NDF:109355687235187

Left In: -13728.232+/-0.000 χ^2/NDF:2392794906338672498411234295505483307417 6.0/8

All: -1940.728+/-0.000 χ^2/NDF: 2029460519

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: 12.530+/-0.000 χ^2/NDF: 5787078890757699

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 574.723+/-0.000 χ^2/NDF:158964205324575773185637304166609059 84.0/10

In: 161.079+/-0.000 χ^2/NDF:1934775736371991

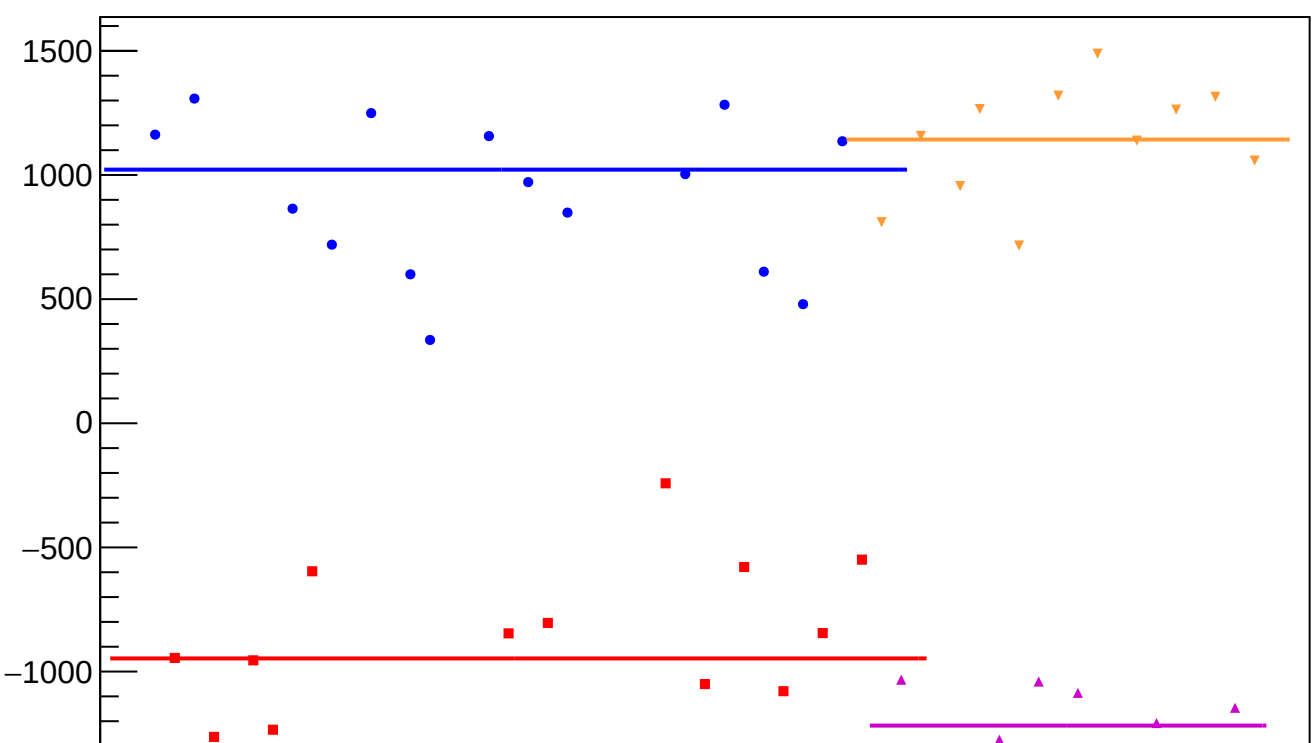
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -517.046+/-0.000 χ^2/NDF:779138844178910

Left In: -599.375+/-0.000 χ^2/NDF:1033337758702270594900380147699102 5152.0/8

All: -187.963+/-0.000 χ^2/NDF: 10061796002

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

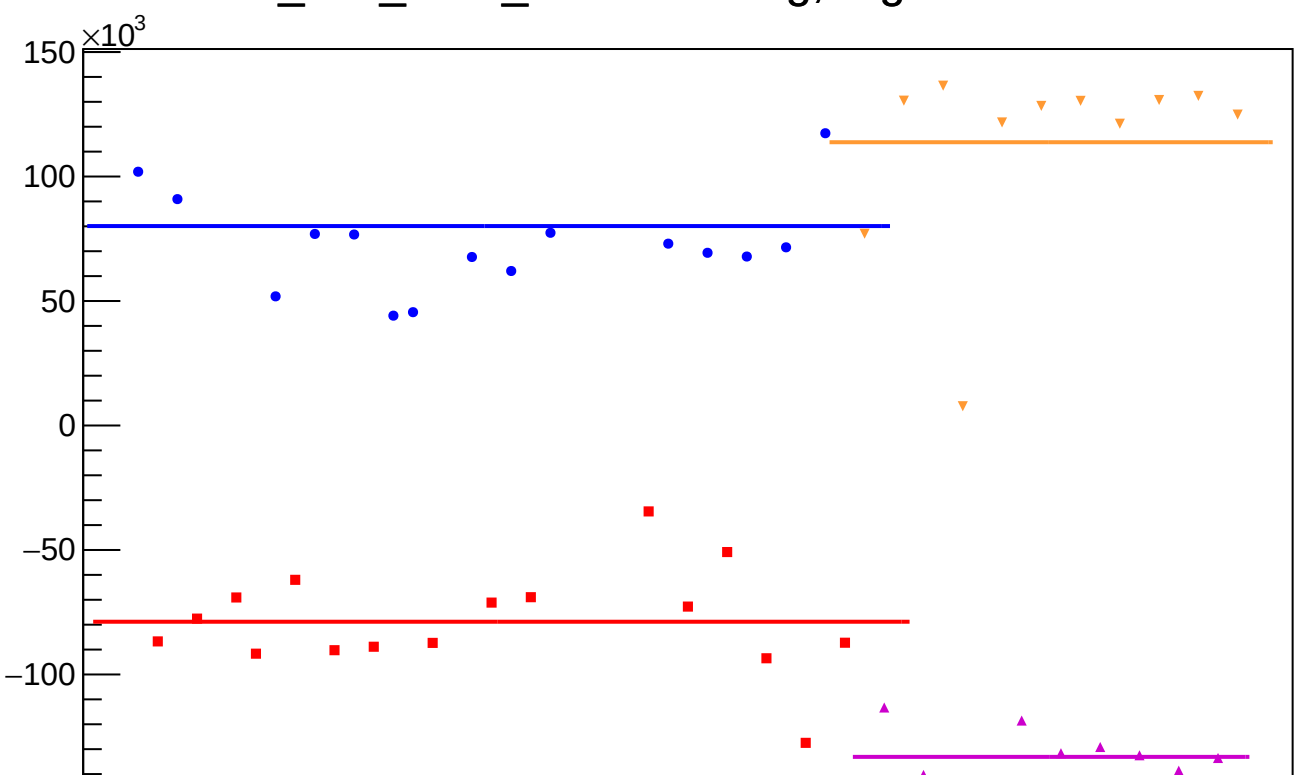
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330 4960.0/8

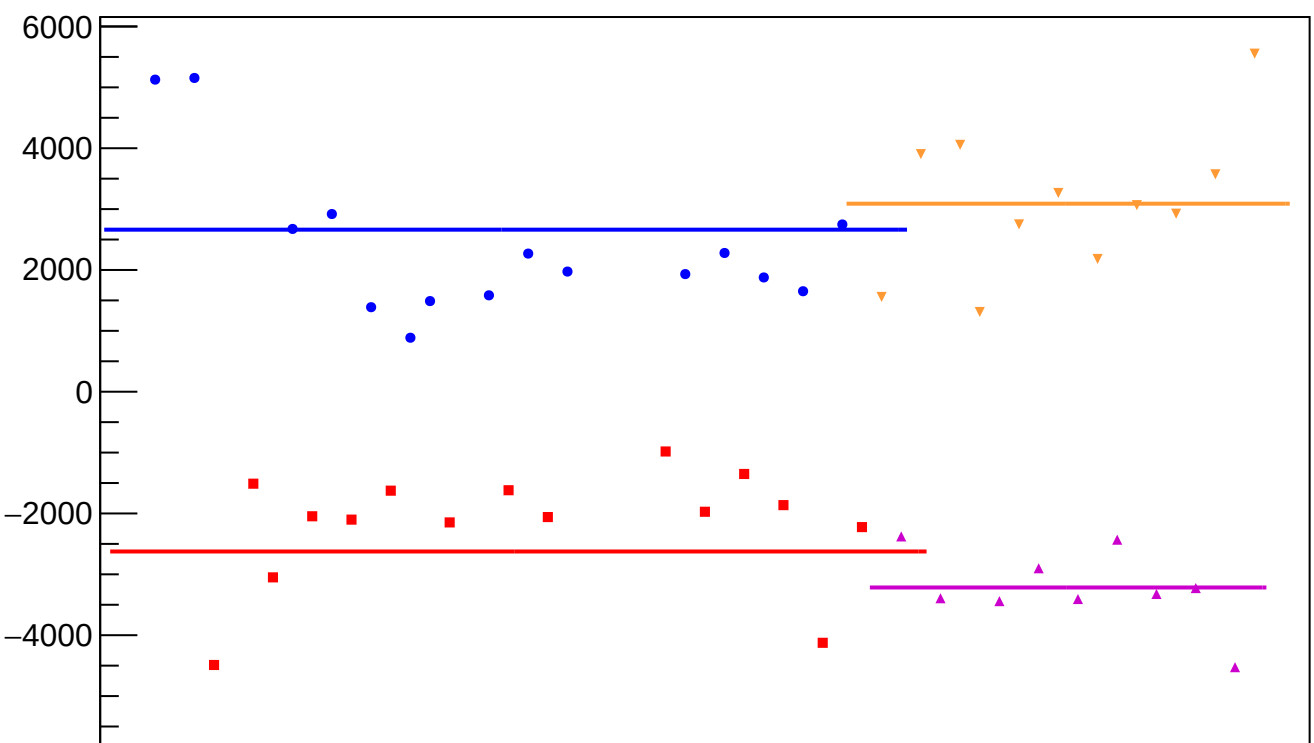
All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_atl2_coil7_mean vs Slug, Sign Corrected



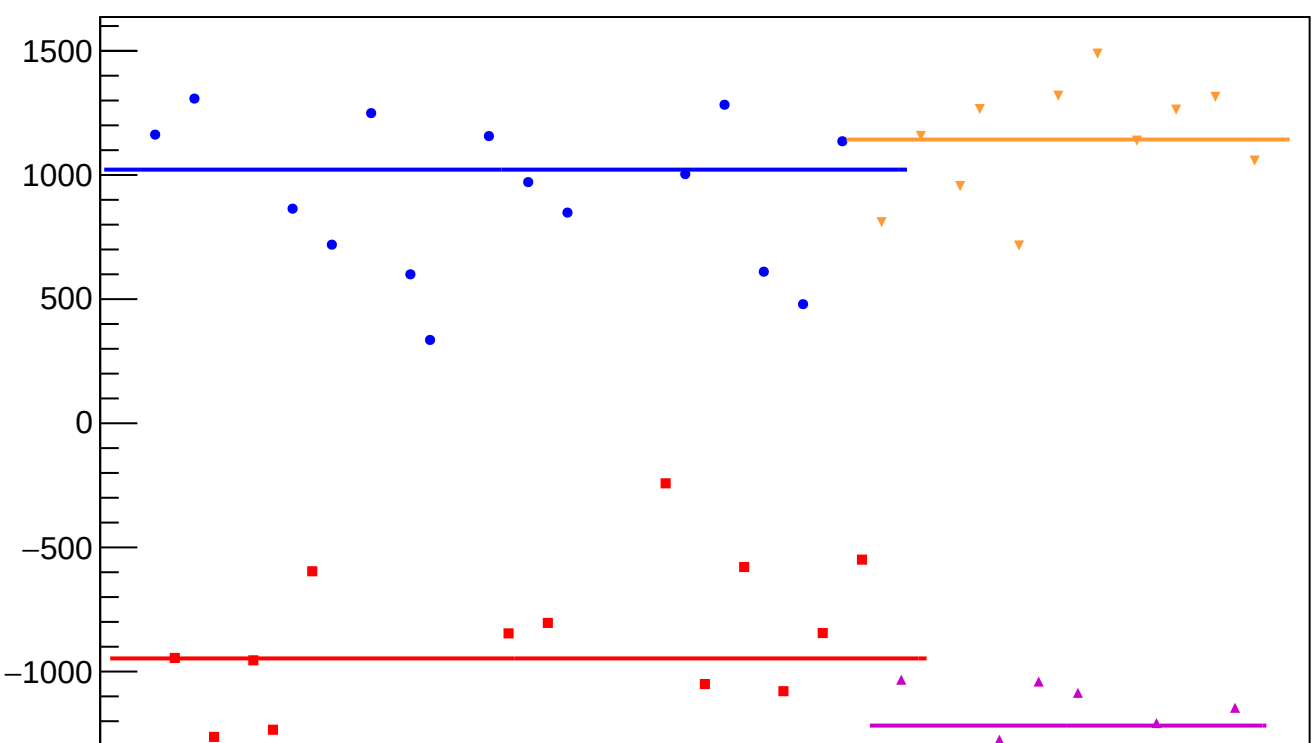
Left: -4433.519+/-0.000 χ^2/NDF: 25555454210841
Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
Right: -443.492+/-0.000 χ^2/NDF: 88479516524724
Left Out: 113775.402+/-0.000 χ^2/NDF:10163913384866773609984875856309766554910 72.0/10
In: -35517.432+/-0.000 χ^2/NDF:1636578049155 3
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15
Out: 28364.263+/-0.000 χ^2/NDF:15070646753440
Left In: -133095.245+/-0.000 χ^2/NDF:1134670528537285924513318237311938162851 84.0/8
All: -2636.505+/-0.000 χ^2/NDF: 3441492110

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: 69.812+/-0.000 χ^2/NDF: 1727646113403334
Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14
Right: -17.413+/-0.000 χ^2/NDF: 117922842657675
Left Out: 3088.858+/-0.000 χ^2/NDF:1074271075348804071121341747753318875136.0/10
In: -525.739+/-0.000 χ^2/NDF:1346322119288882
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15
Out: 554.988+/-0.000 χ^2/NDF:147585634568207
Left In: -3216.197+/-0.000 χ^2/NDF:2696885845446523976917263126589897441 28.0/8
All: 30.528+/-0.000 χ^2/NDF: 2907424849757

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1142.908+/-0.000 χ^2/NDF:42694917457780139943000905132443543 5008.0/10

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Left In: -1217.657+/-0.000 χ^2/NDF:153767462732287652193892295224433049 60.0/8

Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528 2

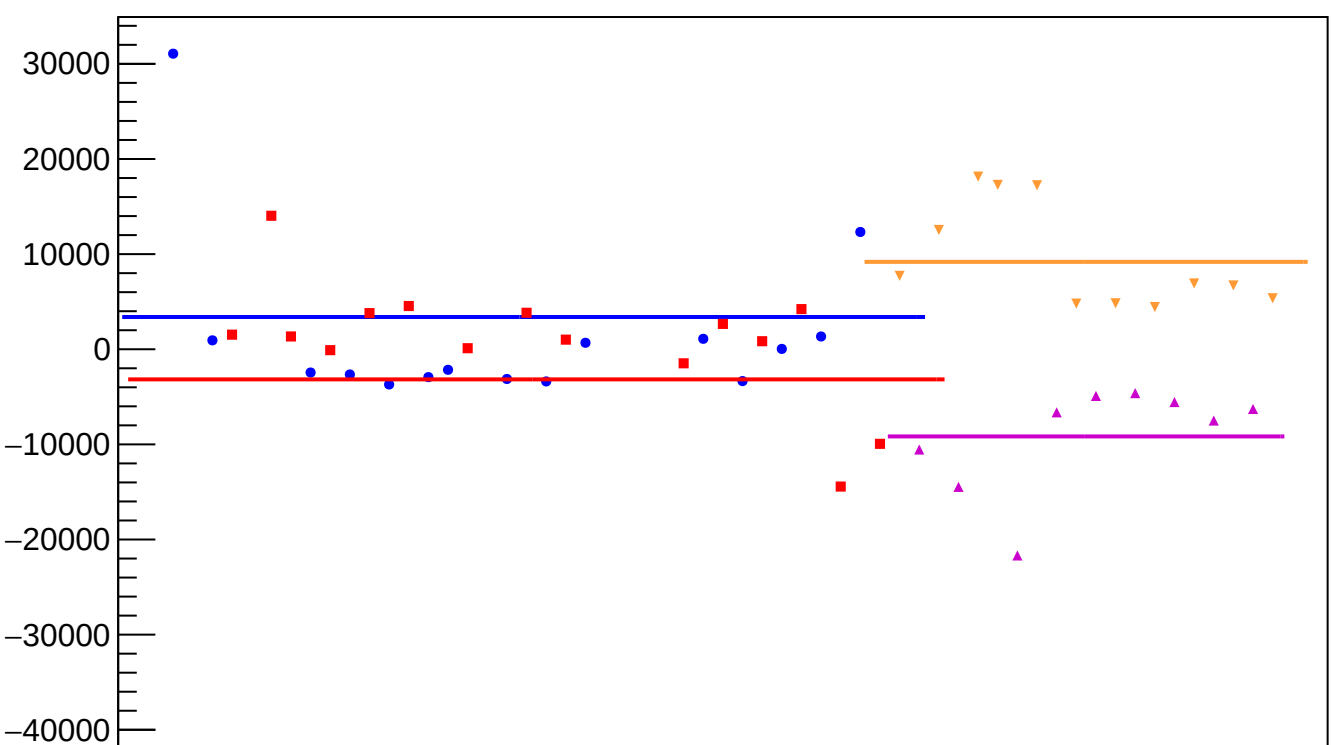
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: 400.709+/-0.000 χ^2/NDF: 1787845377753081

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 9187.991+/-0.000 χ^2/NDF:2134218058425089815186094218299015639859 2.0/10

In: -3417.731+/-0.000 χ^2/NDF:1438106031186 12

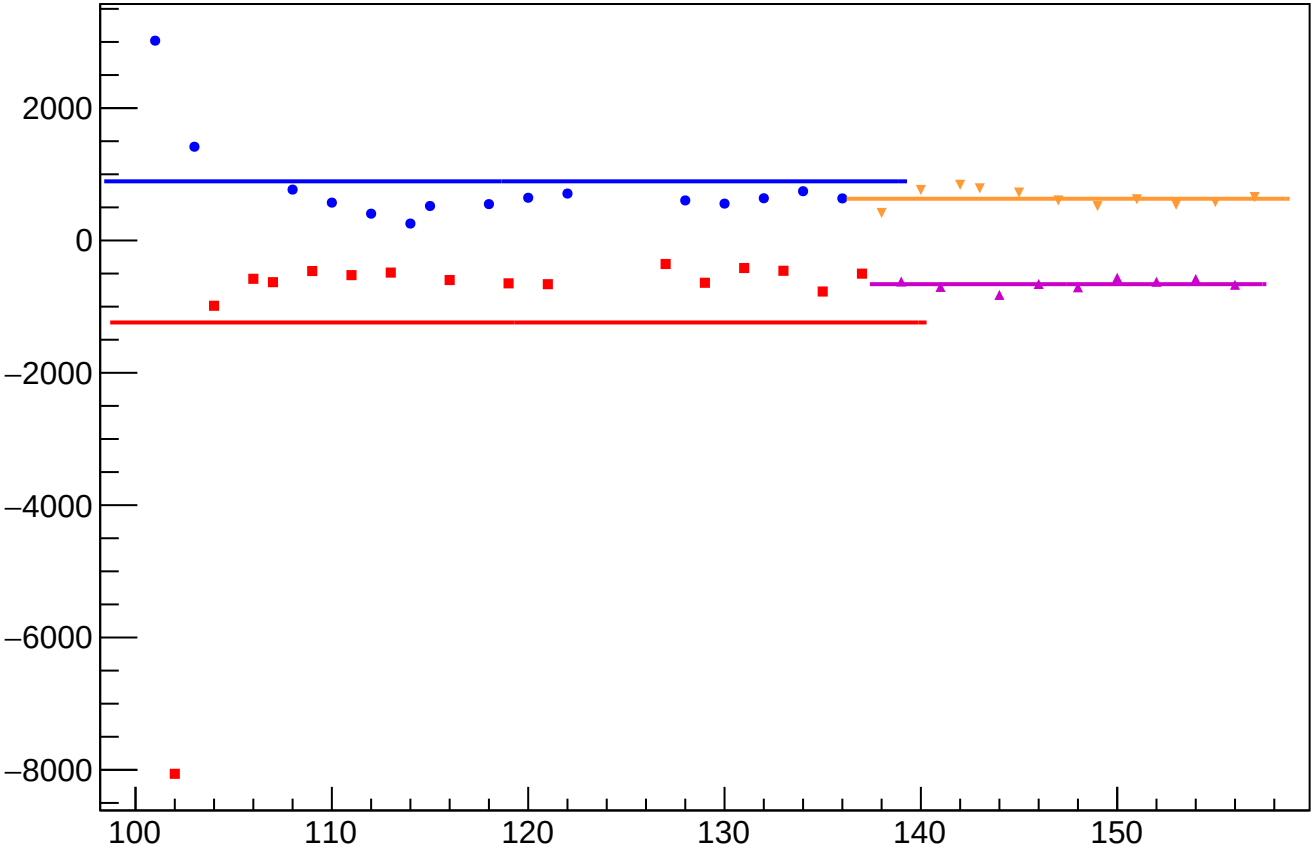
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3708.574+/-0.000 χ^2/NDF:215761231054743

Left In: -9163.601+/-0.000 χ^2/NDF:2246722480393846429498358463818943273369 6.0/8

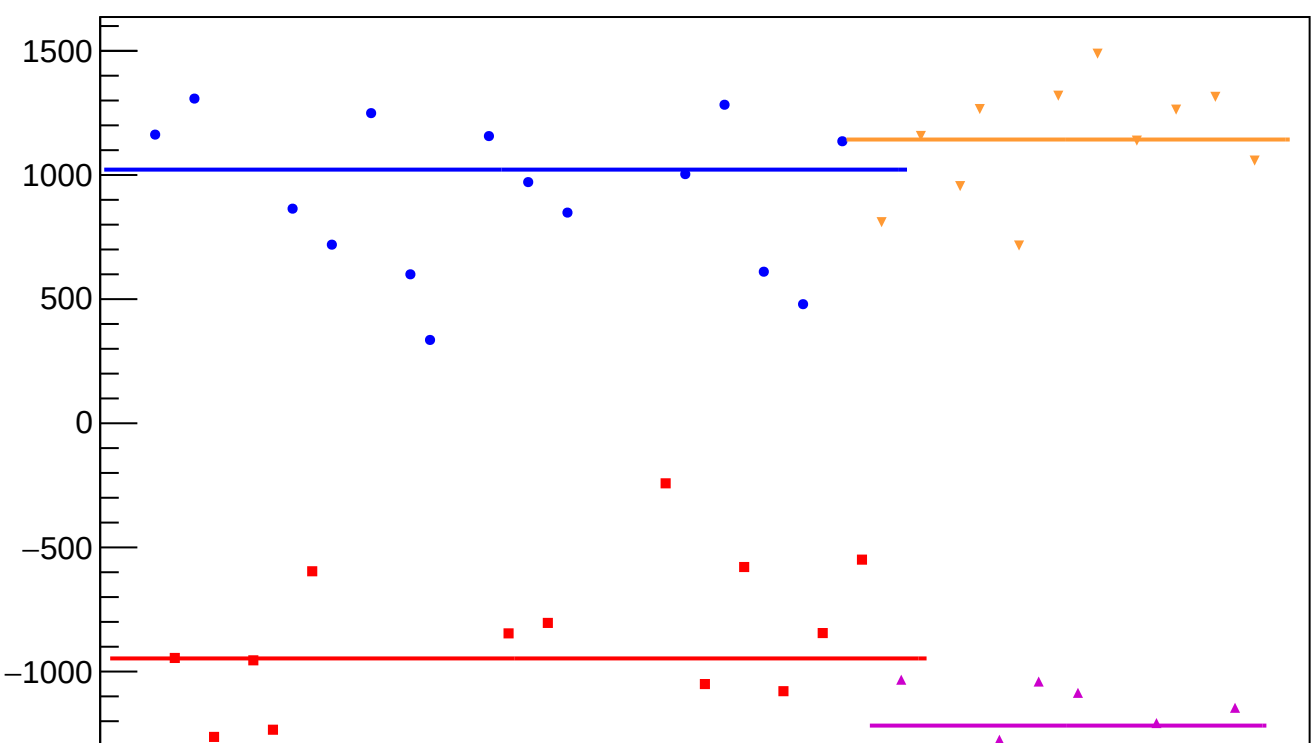
All: 250.292+/-0.000 χ^2/NDF: 39663757379 9

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: 12.564+/-0.000 χ^2/NDF: 6839457057280539
Right In: 893.683+/-0.000 χ^2/NDF: 334583619078631008932404228227359309824.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 630.798+/-0.000 χ^2/NDF:114886514829066336571428041002644930 56.0/10
In: 50.917+/-0.000 χ^2/NDF:11889065493321676
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
Out: -198.560+/-0.000 χ^2/NDF:428064927493431
Left In: -660.338+/-0.000 χ^2/NDF:434357019377284993254991413650443468 8.0/8
All: -77.493+/-0.000 χ^2/NDF: 551498180126

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Left In: -1217.657+/-0.000 χ^2/NDF:153767462732287652193892295224433049 60.0/8

Left: 12.600+/-0.000 χ^2/NDF: 229132542580652 82

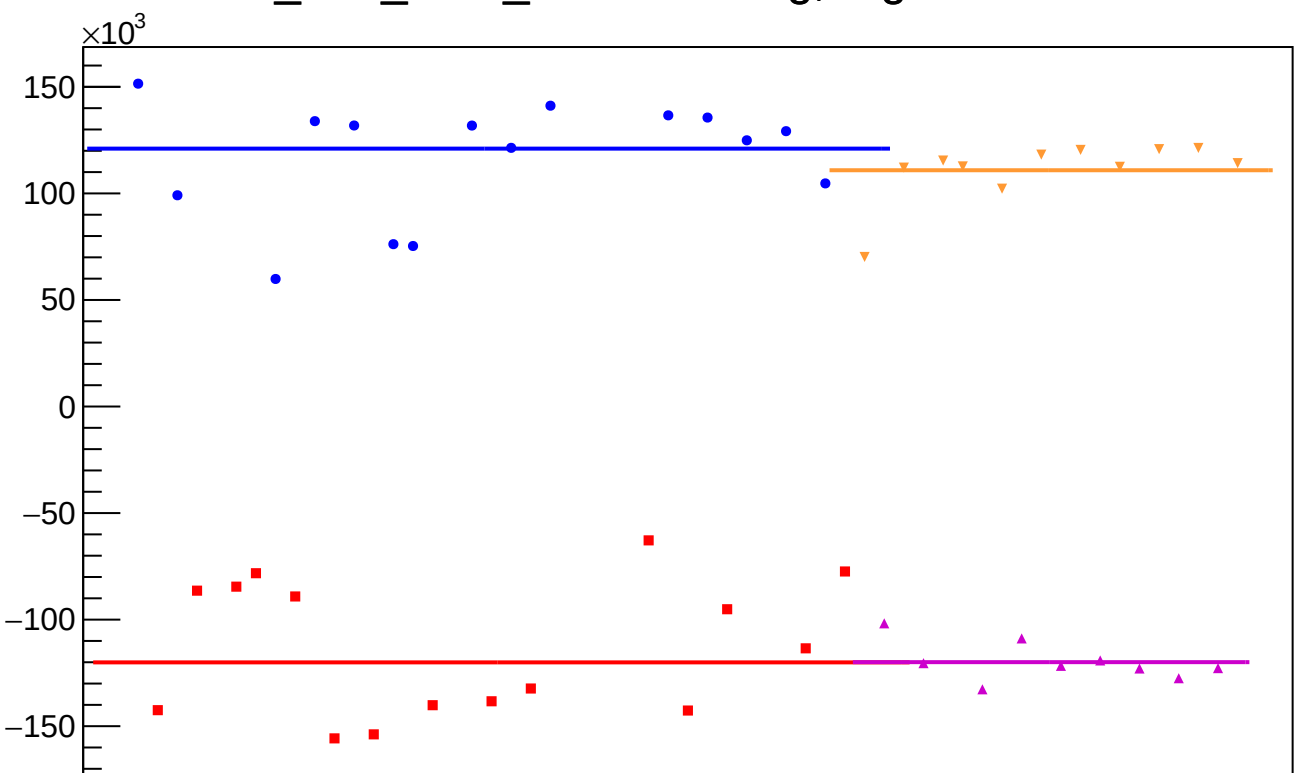
Right: 23.805+/-0.000 χ^2/NDF: 138333852315351 1

In: -192.740+/-0.000 χ^2/NDF:182083120710628 2

Out: 216.003+/-0.000 χ^2/NDF:173198435464915 6

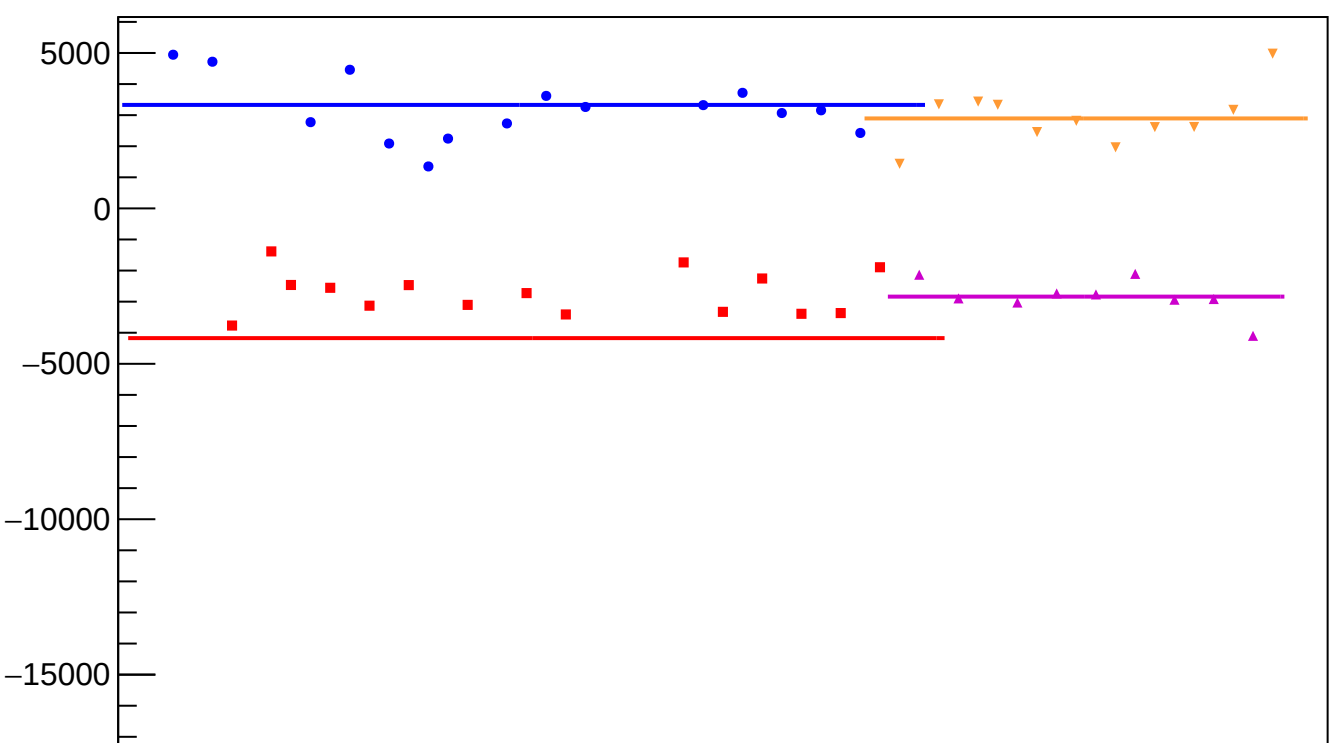
All: 17.646+/-0.000 χ^2/NDF: 367475475259 8

dit_atr2_coil7_mean vs Slug, Sign Corrected



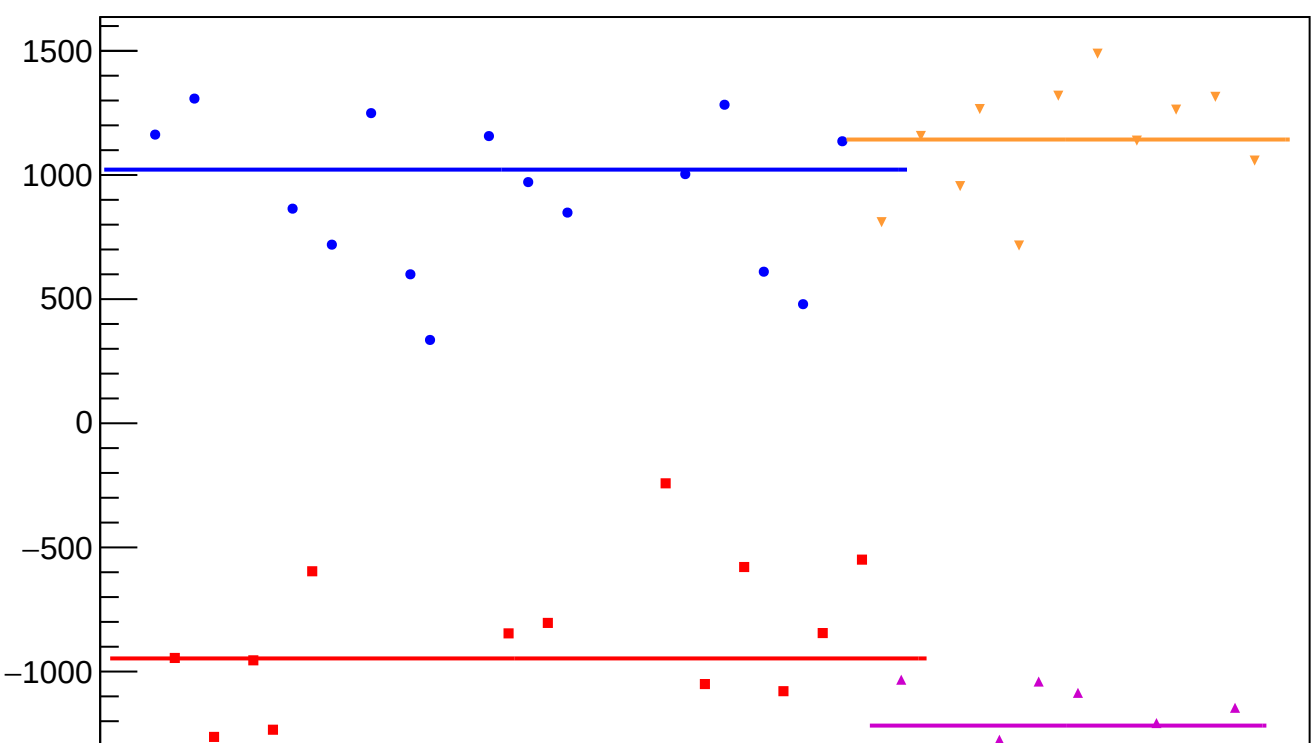
Left: 344.271+/-0.000 χ^2/NDF: 2157873283183893
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 110870.491+/-0.000 χ^2/NDF:1665218354896248082079728028235570106859 52.0/10
In: -9665.730+/-0.000 χ^2/NDF:20854607962080 1
Right Out: -120060.693+/-0.000 χ^2/NDF: 8284197823467076014486203100141359527362 56.0/15
Out: 8456.196+/-0.000 χ^2/NDF:2079053941430 17
Left In: -119955.400+/-0.000 χ^2/NDF:5840477756171259689010247288010409456435 2.0/8
All: -338.086+/-0.000 χ^2/NDF: 4188483884 3

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: 149.451+/-0.000 χ^2/NDF: 140516457129940
Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14
Right: -473.285+/-0.000 χ^2/NDF: 32582486462967
Left Out: 2894.288+/-0.000 χ^2/NDF:659476081963254599055514088354265169920.0/10
In: -15.277+/-0.000 χ^2/NDF:14177759759129408
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15
Out: -240.134+/-0.000 χ^2/NDF:326999675978492
Left In: -2838.101+/-0.000 χ^2/NDF:2224185991072969524429999447605961031 68.0/8
All: -131.014+/-0.000 χ^2/NDF: 46914630015

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1142.908+/-0.000 χ^2/NDF:42694917457780139943000905132443543 5008.0/10

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Left In: -1217.657+/-0.000 χ^2/NDF:153767462732287652193892295224433049 60.0/8

Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528 2

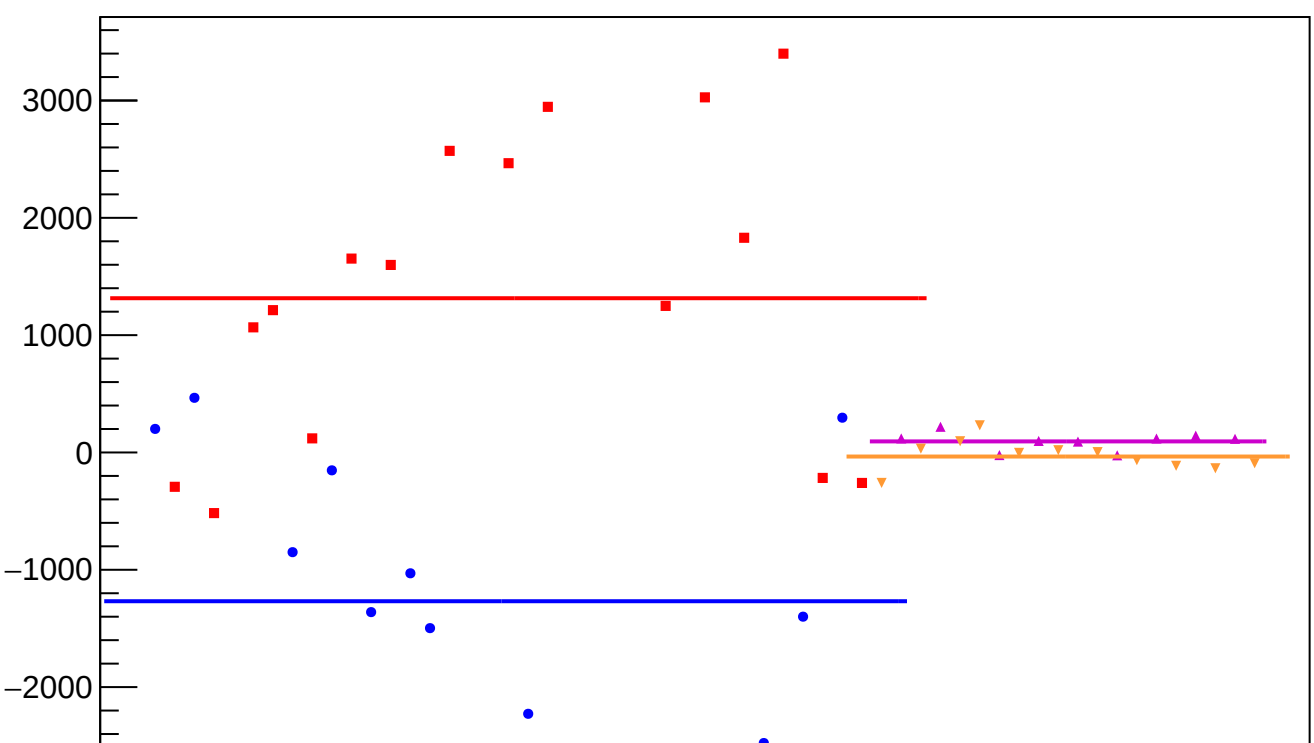
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

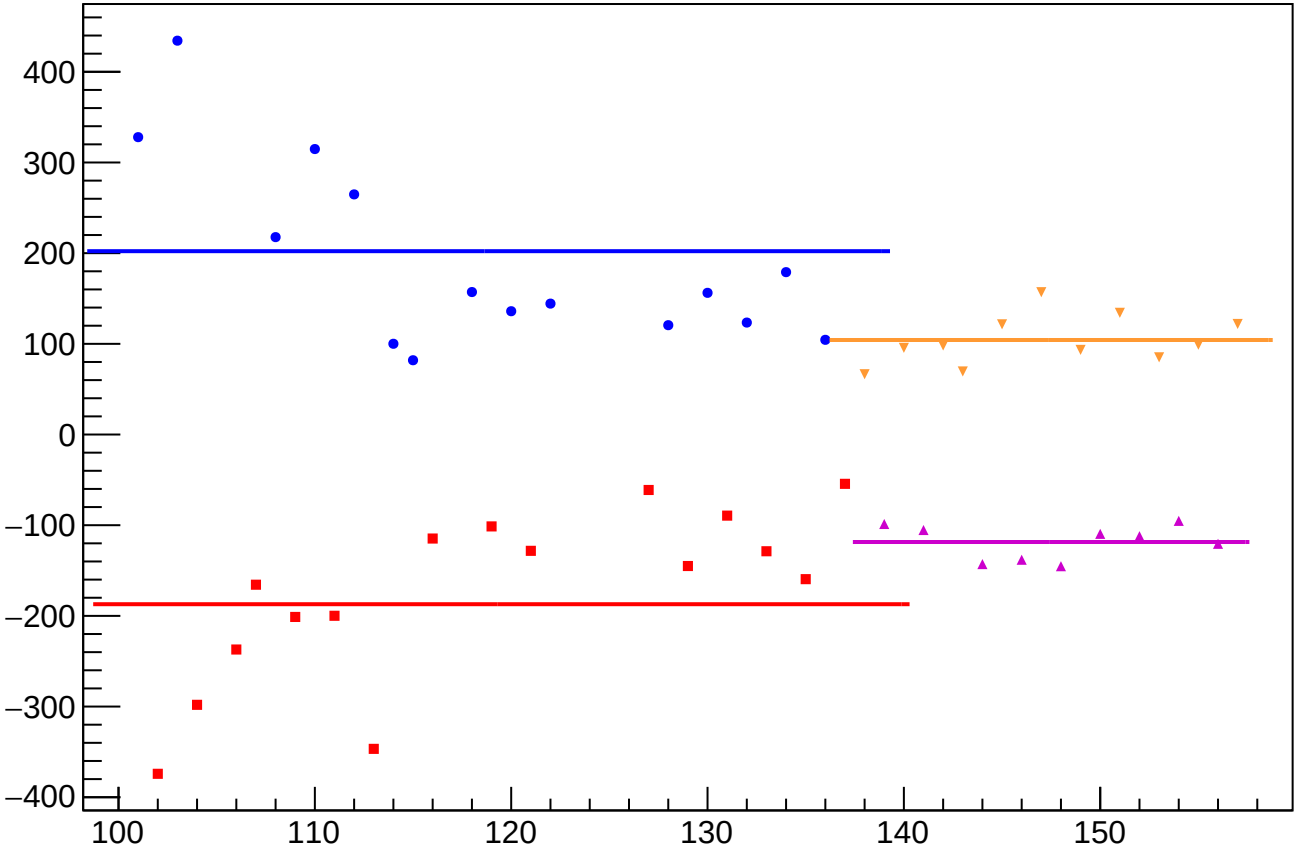
All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 27.062+/-0.000 χ^2/NDF: 2276387473745648
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -34.685+/-0.000 χ^2/NDF:1192996448537106784619216458797495091 2.0/10
In: -529.252+/-0.000 χ^2/NDF:1749668782665401
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 563.776+/-0.000 χ^2/NDF:178635721080496
Left In: 94.268+/-0.000 χ^2/NDF:4169423628139127340987297545293135872.0/8
All: 33.347+/-0.000 χ^2/NDF: 440800540019

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -2.425+/-0.000 χ^2/NDF: 20717978664439957

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 63114316335759506

Left Out: 104.244+/-0.000 χ^2/NDF:5777186671083889191009678211520921 60.0/10

In: 28.262+/-0.000 χ^2/NDF:43481452927484054 2

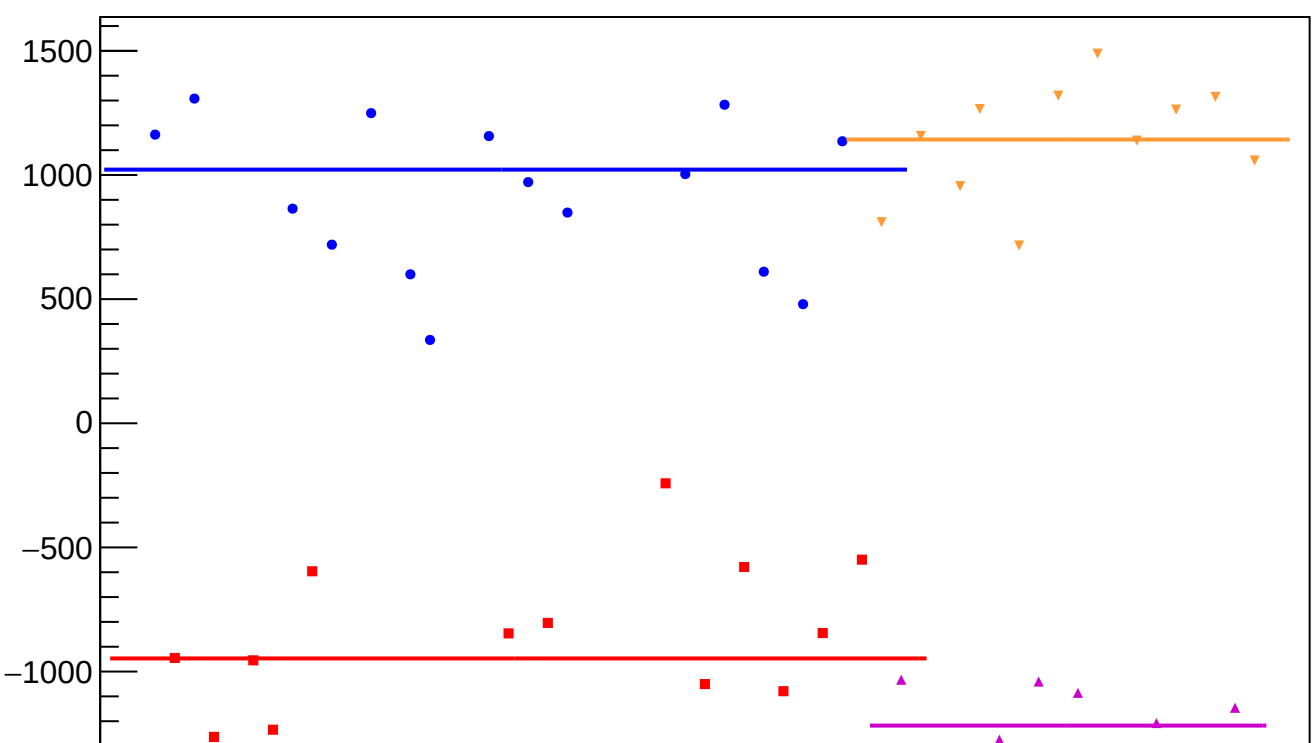
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138 9312.0/15

Out: -24.974+/-0.000 χ^2/NDF:3832087548278985

Left In: -118.527+/-0.000 χ^2/NDF:2508981153468278170125283177476915 20.0/8

All: 0.860+/-0.000 χ^2/NDF: 8387079031600 2

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

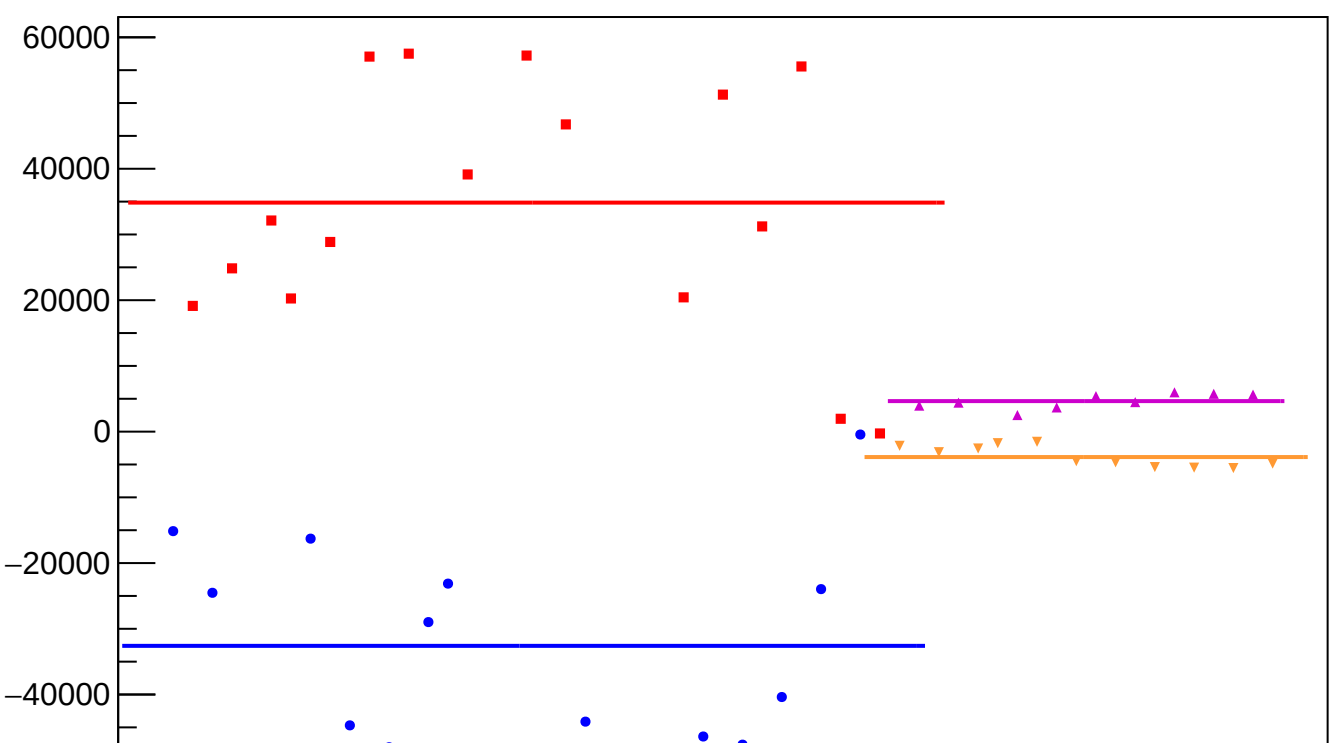
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330496 0.0/8

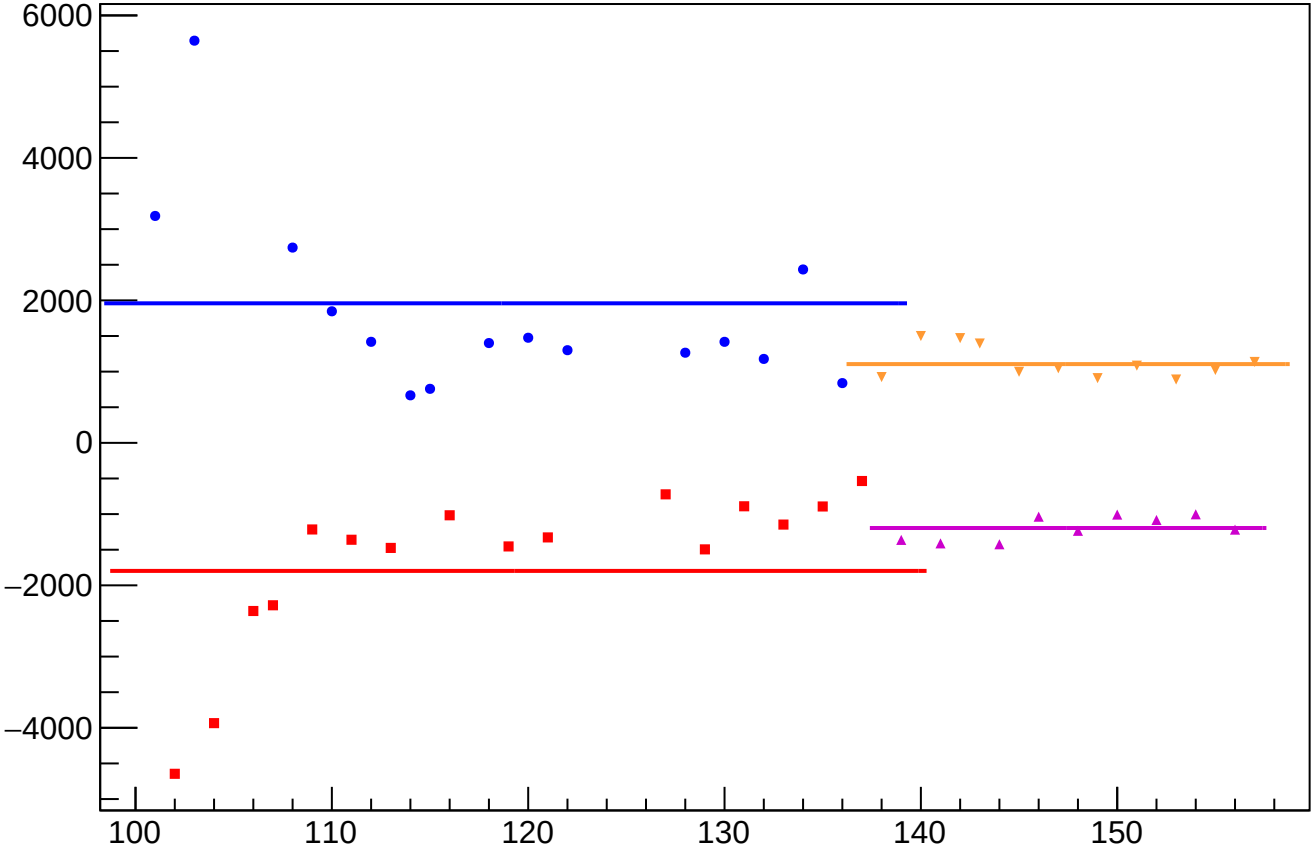
All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_sam2_coil7_mean vs Slug, Sign Corrected



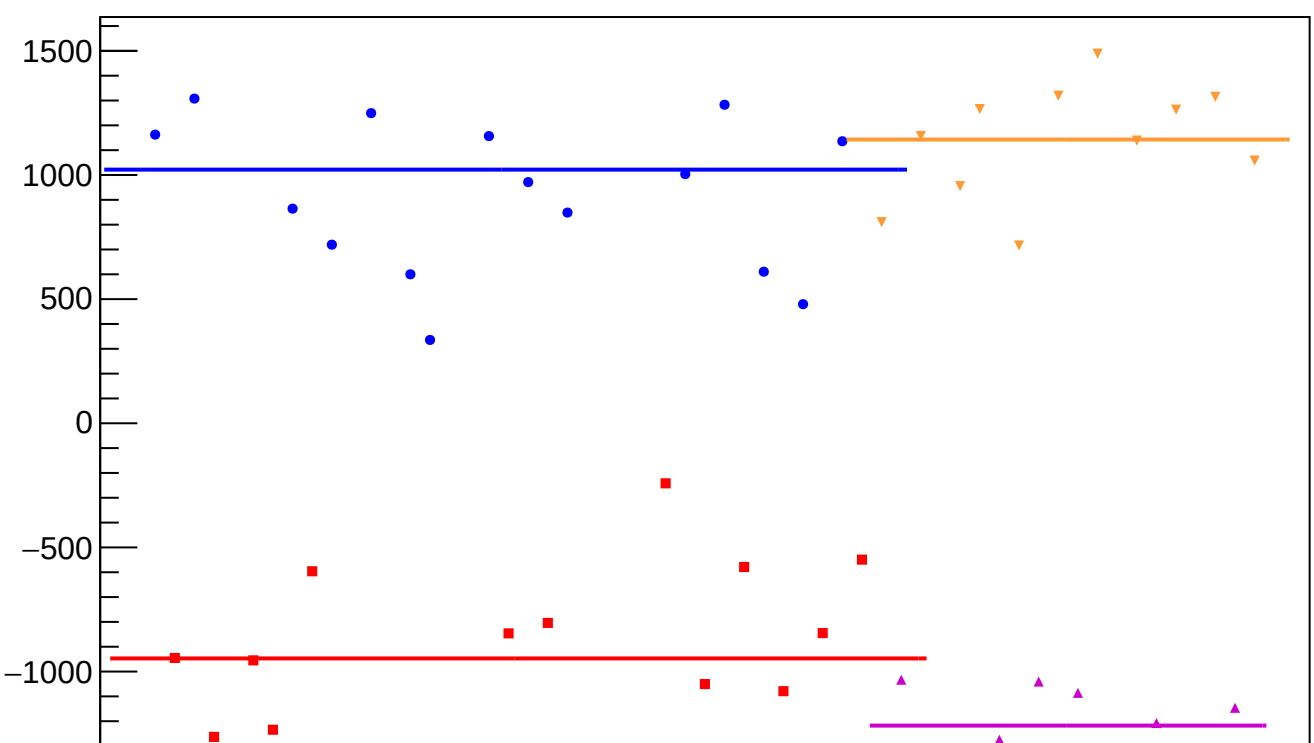
Left: 208.269+/-0.000 χ^2/NDF: 318448820833044
Right In: -32594.962+/-0.000 χ^2/NDF: 209150369207000564489724529020922520141824.0/14
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -3868.763+/-0.000 χ^2/NDF:187421843817241673325919941313343101337 6.0/10
In: -12398.798+/-0.000 χ^2/NDF:69819168213371
Right Out: 34848.046+/-0.000 χ^2/NDF: 221127702024811719232559434097324967591936.0/15
Out: 13301.524+/-0.000 χ^2/NDF:7794217012865 5
Left In: 4645.818+/-0.000 χ^2/NDF:914866405199347726146464229650633588736.0/8
All: 829.567+/-0.000 χ^2/NDF: 19596954779 6

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: 3.966+/-0.000 χ^2/NDF: 21784990289149463
Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14
Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108
Left Out: 1105.661+/-0.000 χ^2/NDF:36135436080159968502894168388633886720.0/10
In: 248.389+/-0.000 χ^2/NDF:4711239303077618
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15
Out: -181.797+/-0.000 χ^2/NDF:411956744703406
Left In: -1195.147+/-0.000 χ^2/NDF:2074707434435337963253422398769830297 6.0/8
All: 26.966+/-0.000 χ^2/NDF: 896587590027

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

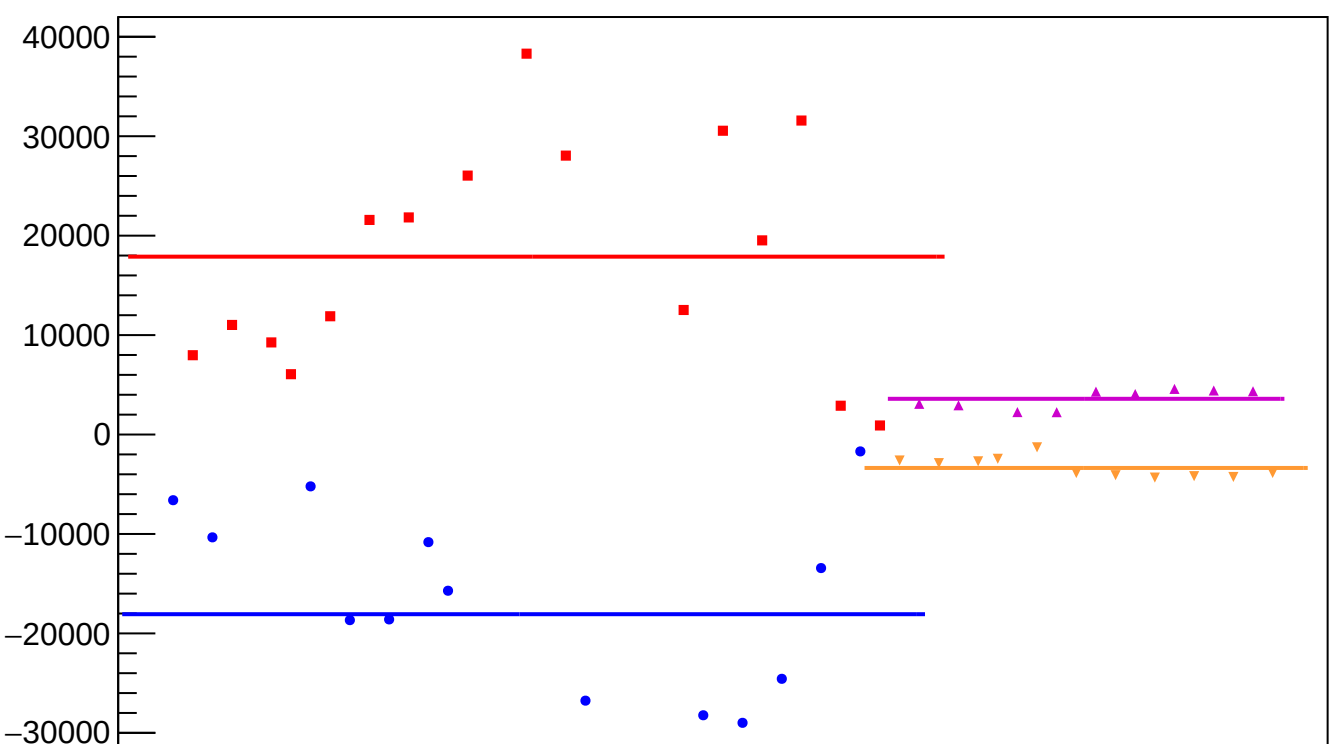
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330496 0.0/8

All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: -31.528+/-0.000 χ^2/NDF: 2077345134248248

Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14

Right: 155.704+/-0.000 χ^2/NDF: 587997392225656

Left Out: -3361.109+/-0.000 χ^2/NDF:7700978606195293002323603090316501975 04.0/10

In: -6321.491+/-0.000 χ^2/NDF:250077068222977

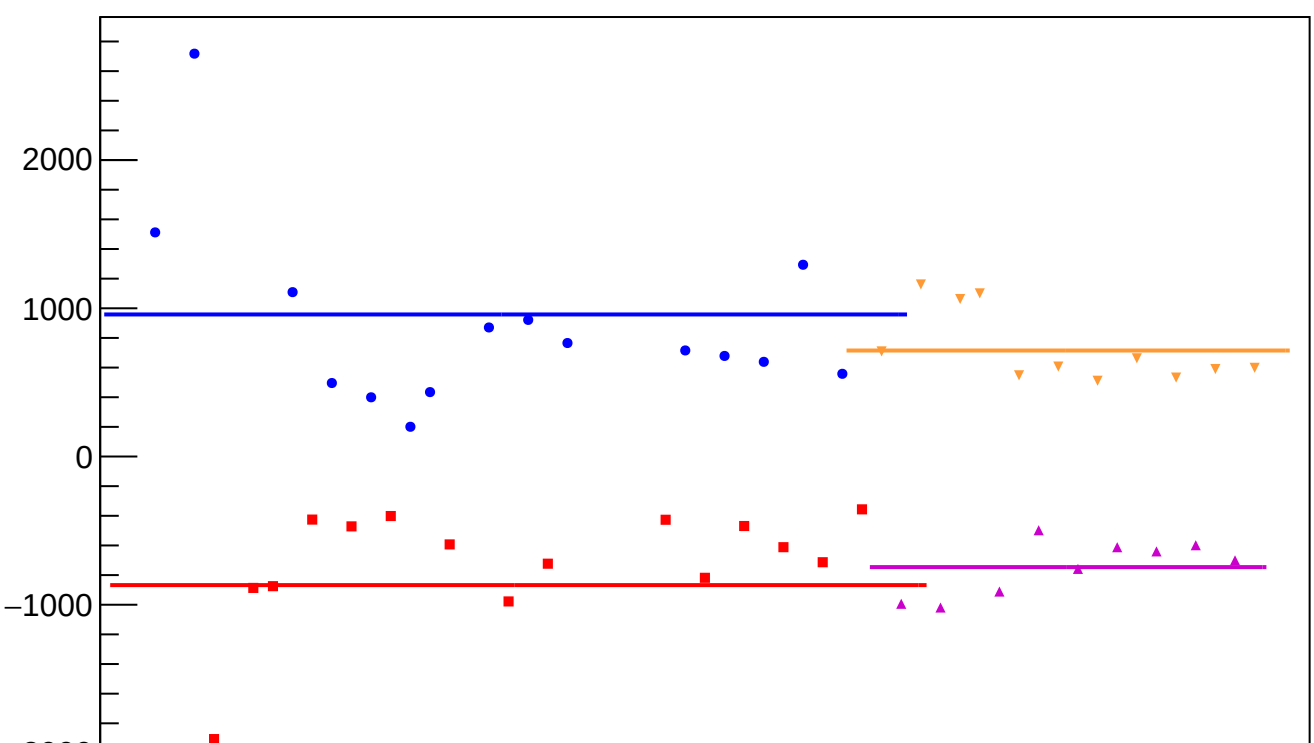
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301580 8.0/15

Out: 6062.598+/-0.000 χ^2/NDF:246782562167714

Left In: 3592.476+/-0.000 χ^2/NDF:6246901941113030728718978963461730467 84.0/8

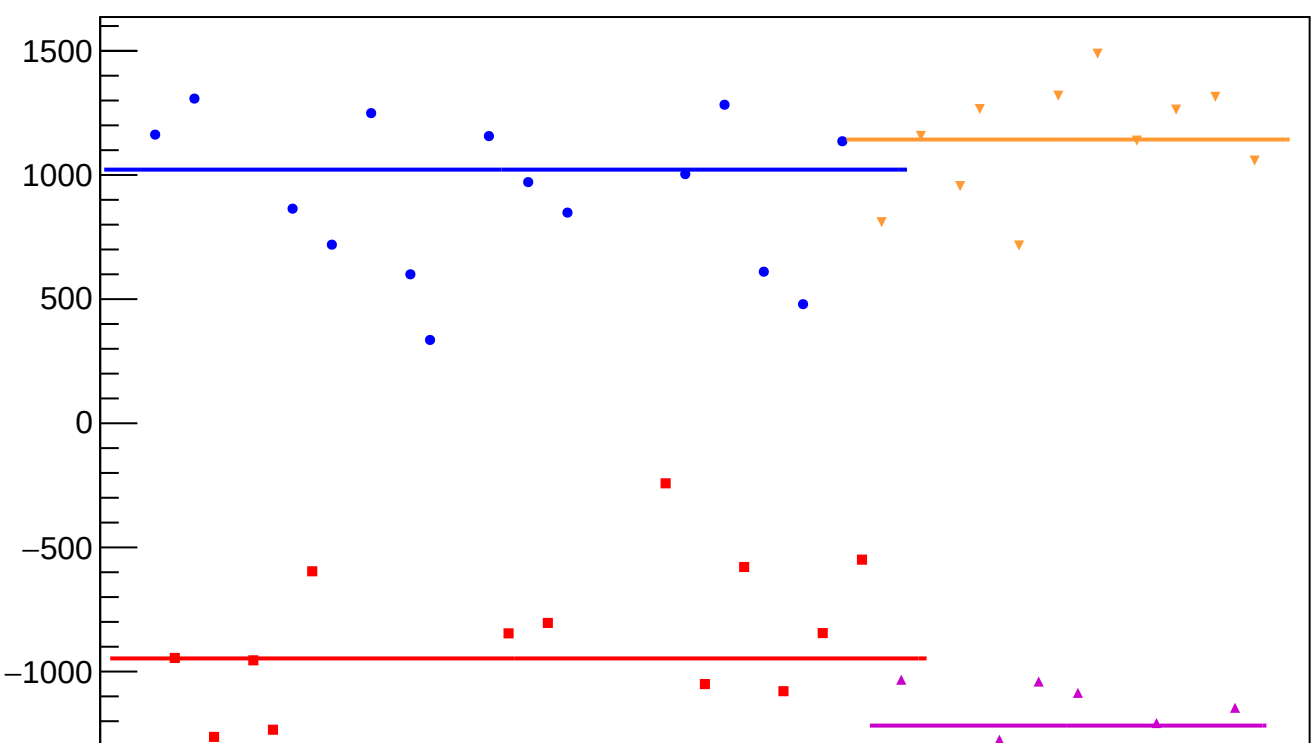
All: 52.797+/-0.000 χ^2/NDF: 608796199564 6

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: 15.436+/-0.000 χ^2/NDF: 9232052972794234
Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14
Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451
Left Out: 715.134+/-0.000 χ^2/NDF:4384906980317094876974494635740941516 8.0/10
In: 34.014+/-0.000 χ^2/NDF:1310915511731416 69
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881510 40.0/15
Out: 13.244+/-0.000 χ^2/NDF:1189769036844320 6
Left In: -746.134+/-0.000 χ^2/NDF:2356857339142156862902388557758647500 8.0/8
All: 23.323+/-0.000 χ^2/NDF: 2500999385968

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343500 8.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

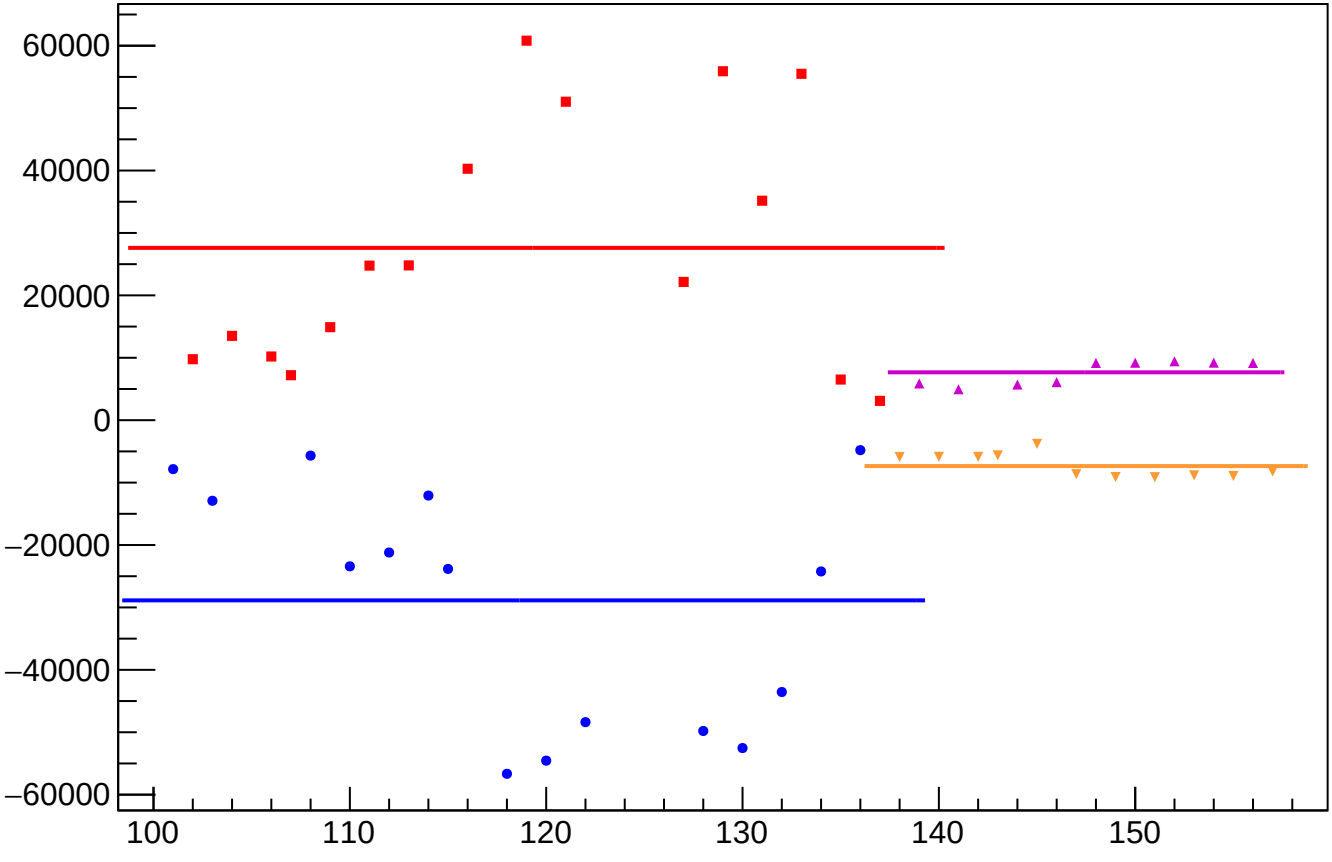
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330496 0.0/8

All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: -160.979+/-0.000 χ^2/NDF: 957234357456868

Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14

Right: -242.630+/-0.000 χ^2/NDF: 15588395560755

Left Out: -7355.073+/-0.000 χ^2/NDF:275469694696071146847304189910712739430 4.0/10

In: -9053.649+/-0.000 χ^2/NDF:733825317672107

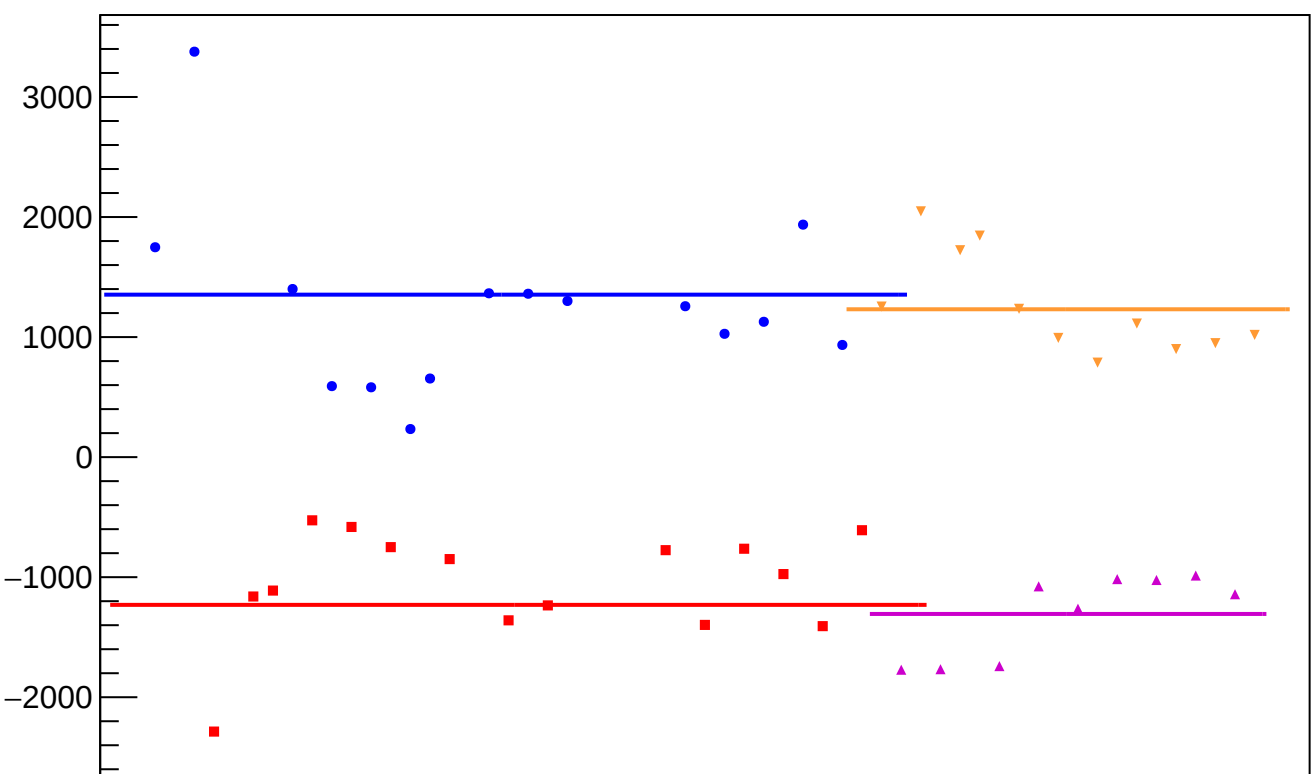
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15

Out: 8151.755+/-0.000 χ^2/NDF:704682878324237

Left In: 7669.262+/-0.000 χ^2/NDF:250036503028191374119563365528023911628 8.0/8

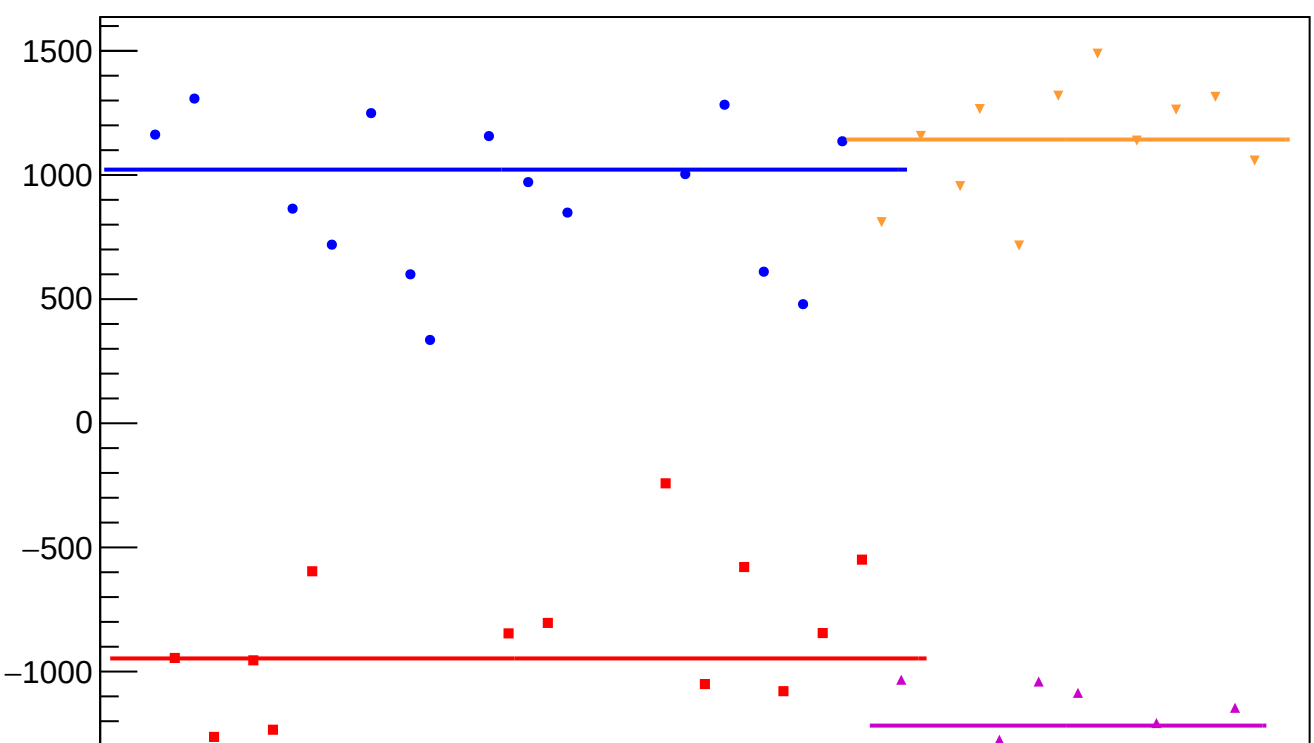
All: -197.753+/-0.000 χ^2/NDF: 16545678139

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: 16.402+/-0.000 χ^2/NDF: 2796714651288147
Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14
Right: 43.718+/-0.000 χ^2/NDF: 282629572114396 1
Left Out: 1231.668+/-0.000 χ^2/NDF:1324061232853568209003936764940443975 68.0/10
In: -88.998+/-0.000 χ^2/NDF:292545485358717 7
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15
Out: 139.677+/-0.000 χ^2/NDF:265992938471691 1
Left In: -1306.325+/-0.000 χ^2/NDF:8272070427736013066124201585933287424 0.0/8
All: 28.705+/-0.000 χ^2/NDF: 562355006751 9

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

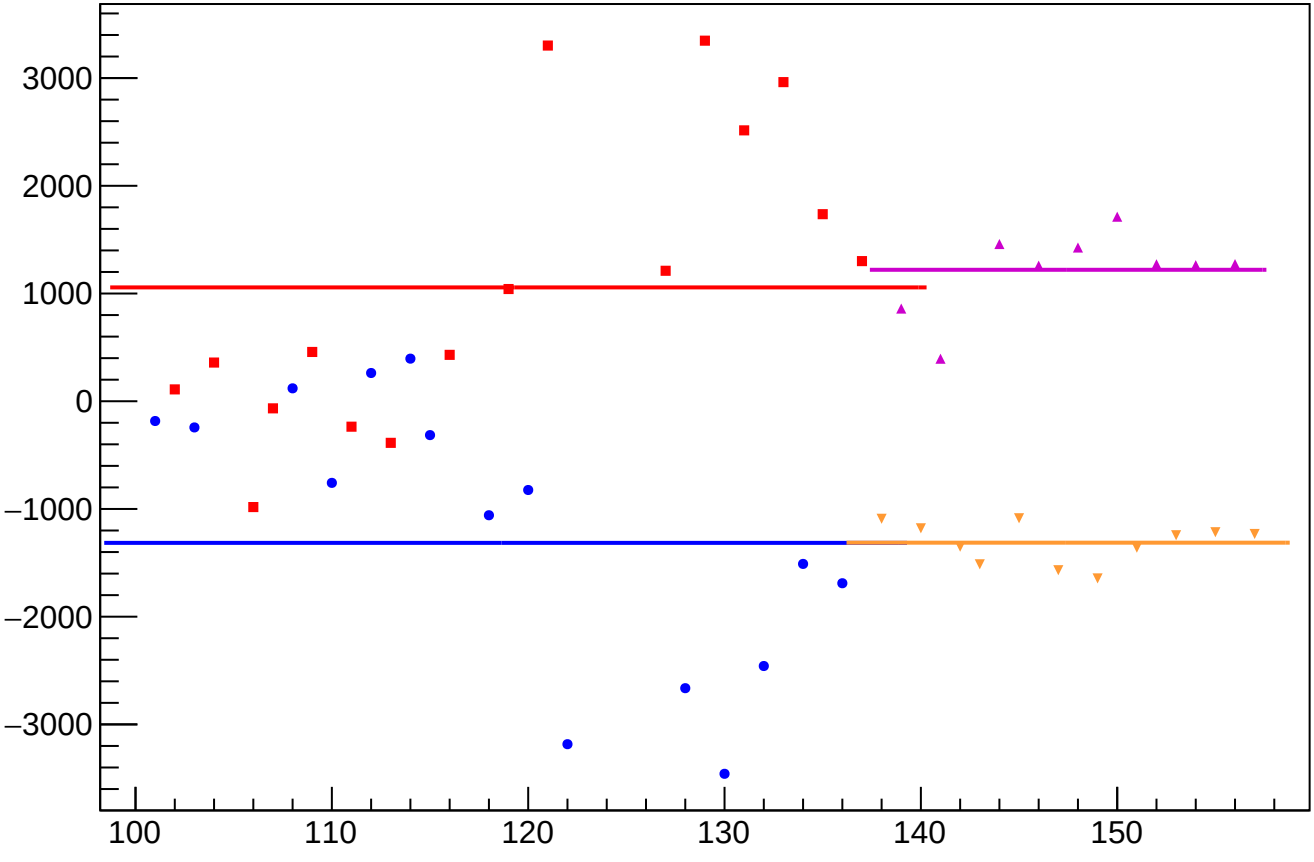
Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330 4960.0/8

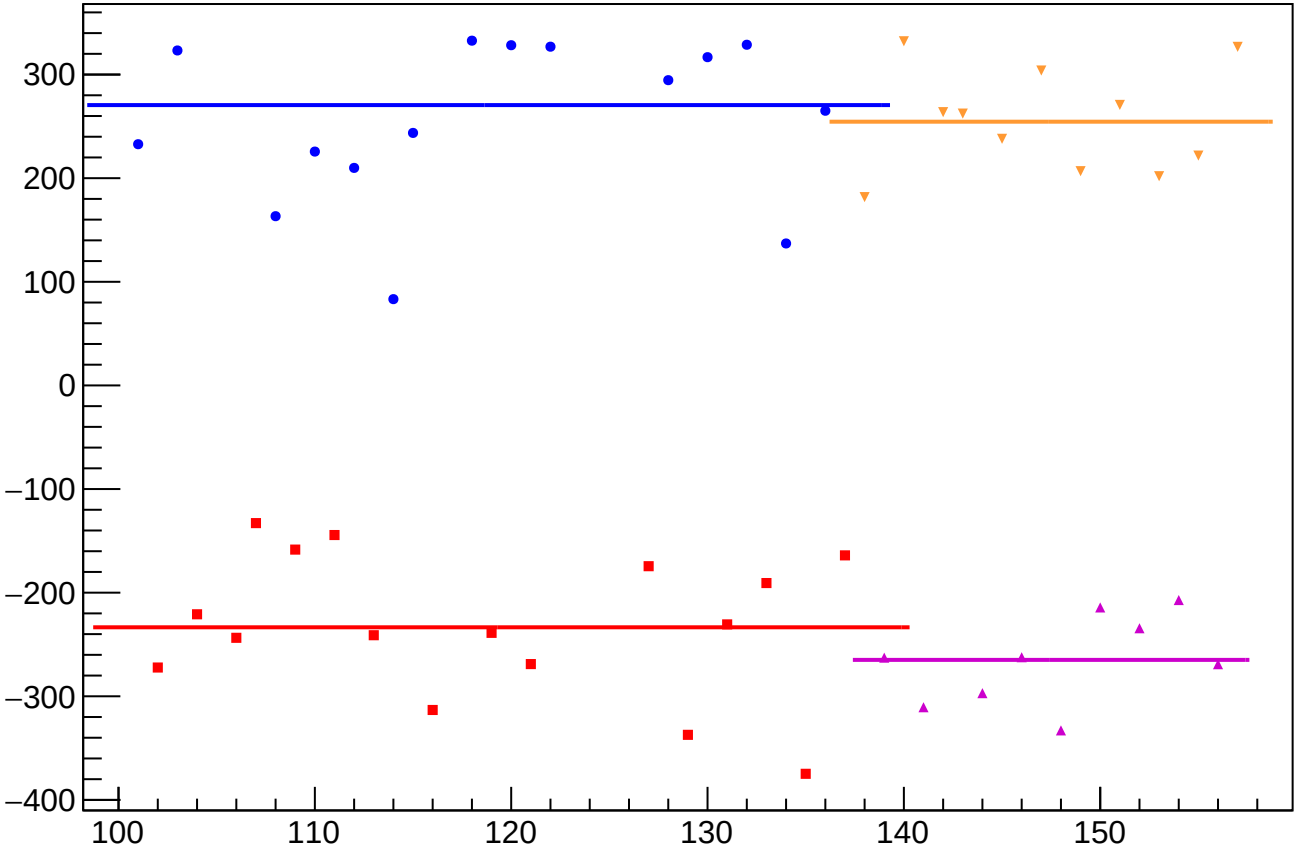
All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -99.968+/-0.000 χ^2/NDF: 2700211373685258
Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1312.941+/-0.000 χ^2/NDF:284079610734375765276874377047383736 32.0/10
In: 60.007+/-0.000 χ^2/NDF:3327892037027801 01
Right Out: 1056.765+/-0.000 χ^2/NDF: 112714159418741702194983247735328604 1600.0/15
Out: -262.014+/-0.000 χ^2/NDF:324000439216095
Left In: 1220.264+/-0.000 χ^2/NDF:999461581720746667582284971619070771 20.0/8
All: -105.743+/-0.000 χ^2/NDF: 6643581717 8

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: 5.820+/-0.000 χ^2/NDF: 111458630586311472

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 254.517+/-0.000 χ^2/NDF:2072503663694453806886167996388081664.0/10

In: -19.820+/-0.000 χ^2/NDF:10463845707186844

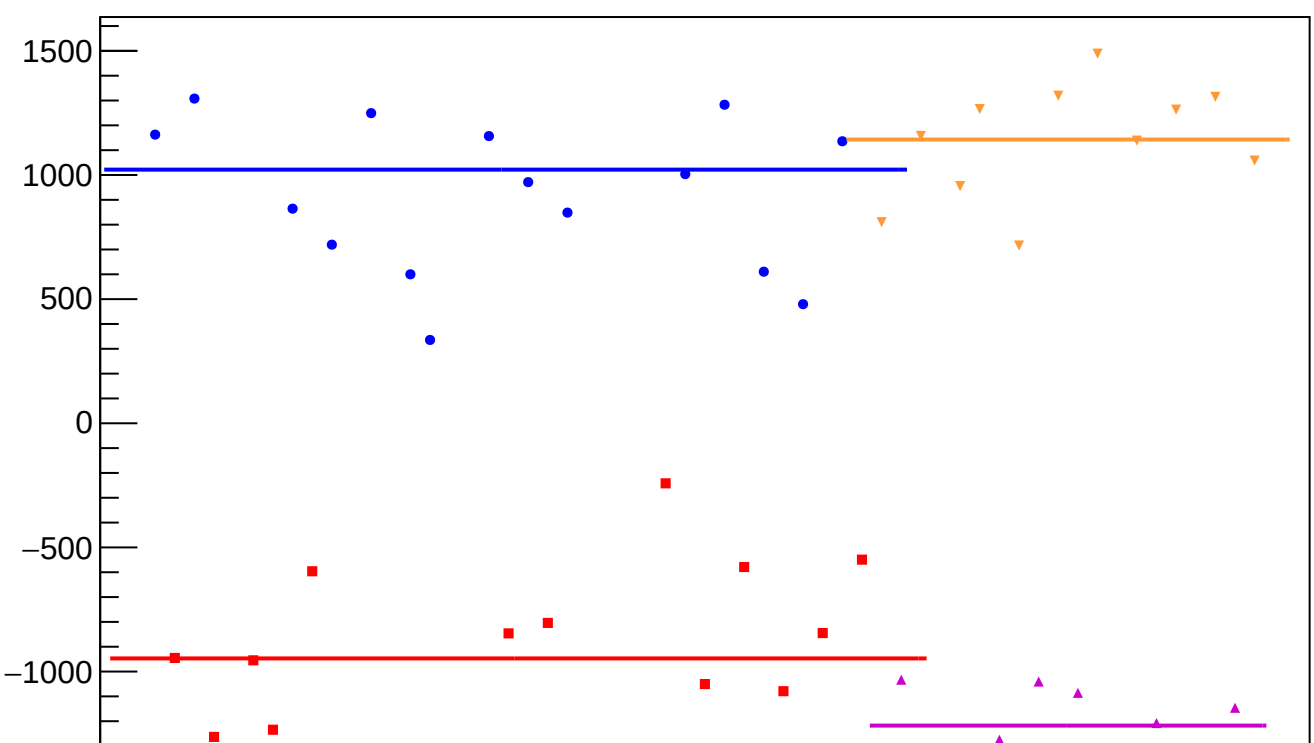
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 38.124+/-0.000 χ^2/NDF:9349649493873942

Left In: -264.868+/-0.000 χ^2/NDF:1271453466609940147146954083563208704.0/8

All: 10.005+/-0.000 χ^2/NDF: 2005854741593

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1142.908+/-0.000 χ^2/NDF:42694917457780139943000905132443543 5008.0/10

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Left In: -1217.657+/-0.000 χ^2/NDF:153767462732287652193892295224433049 60.0/8

Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528 2

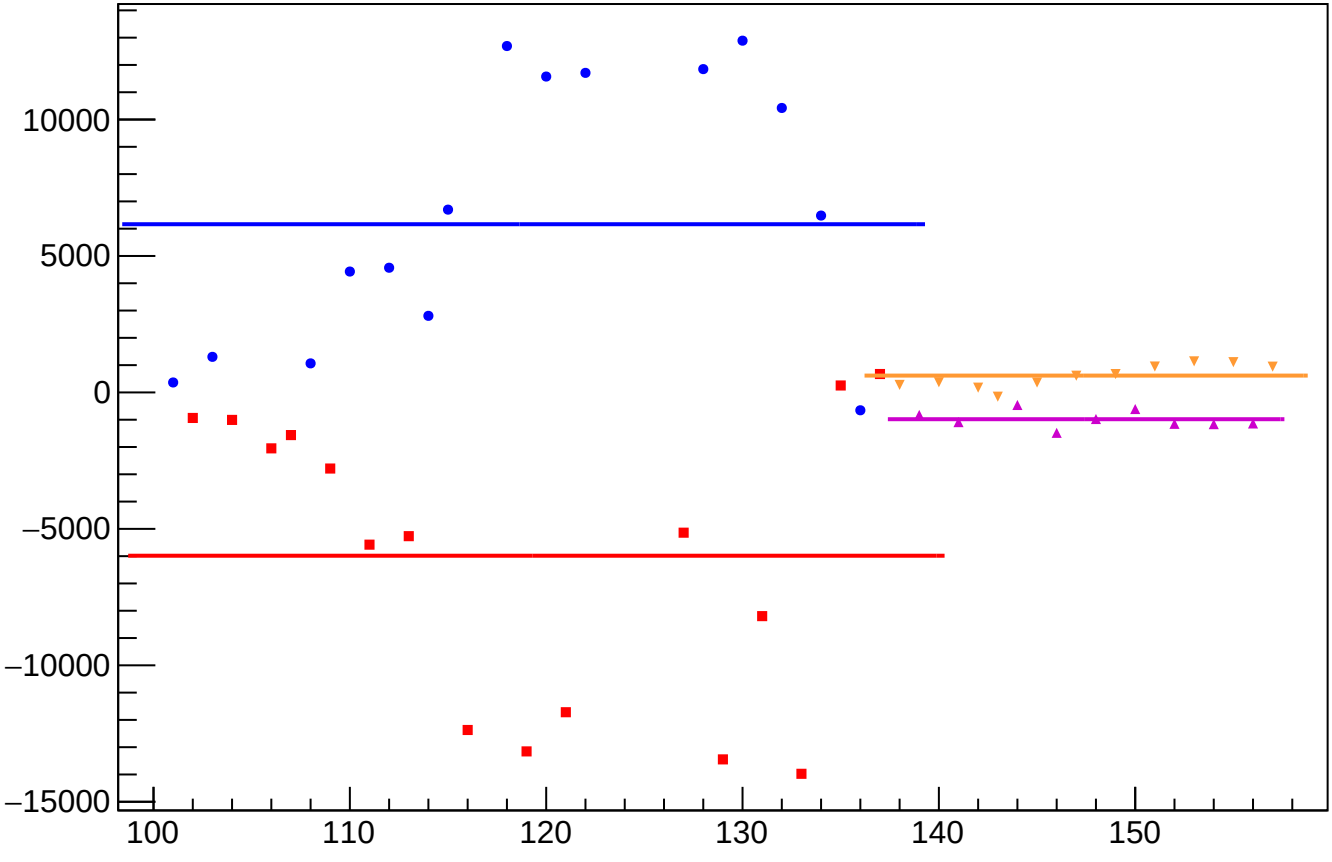
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -148.385+/-0.000 χ^2/NDF: 121980429888163

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 84243130977336022

Left Out: 616.971+/-0.000 χ^2/NDF:1279696598676190952288973498301703782 40.0/10

In: 2288.692+/-0.000 χ^2/NDF:362358182539718 5

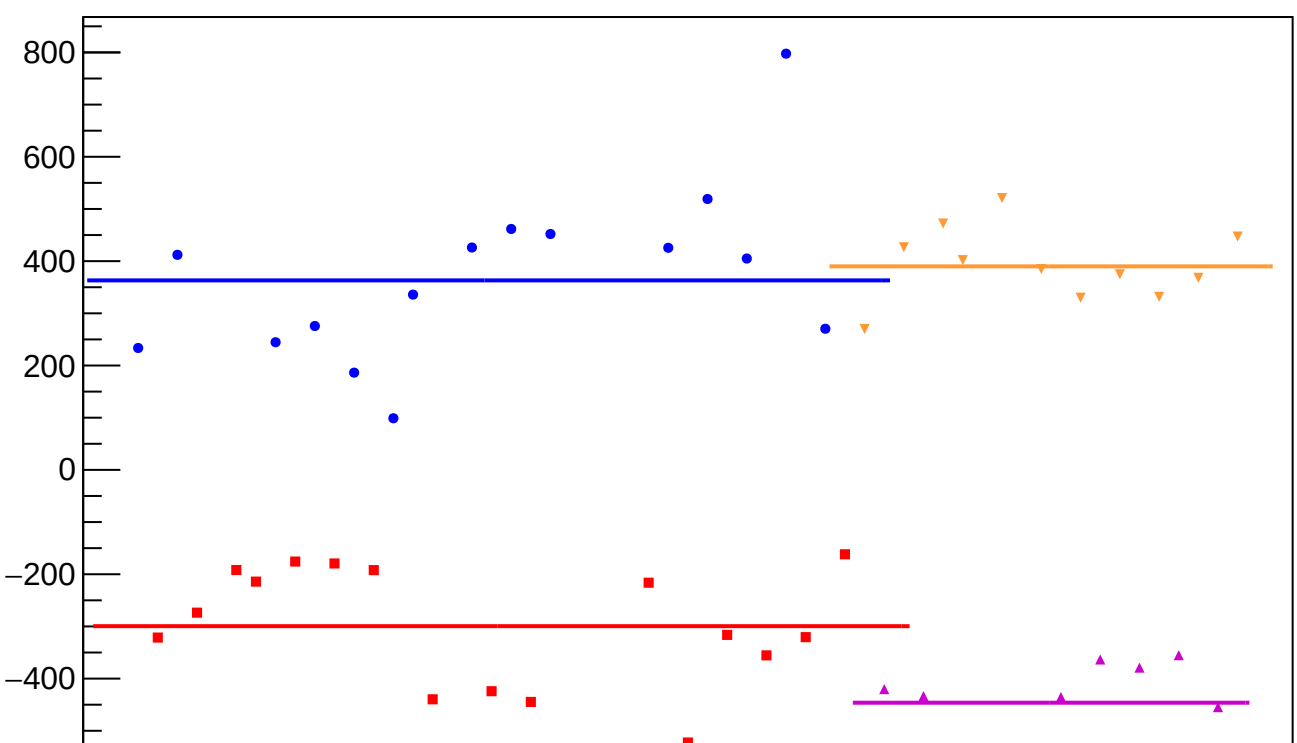
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2310.399+/-0.000 χ^2/NDF:33806626812459

Left In: -981.418+/-0.000 χ^2/NDF:67901878832251876017736766540012847104.0/8

All: -78.534+/-0.000 χ^2/NDF: 854803339470

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -10.406+/-0.000 χ^2/NDF: 2895684334166810

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 389.976+/-0.000 χ^2/NDF:3851702248732199920149246934291316736.0/10

In: -75.774+/-0.000 χ^2/NDF:2475406073890419 1

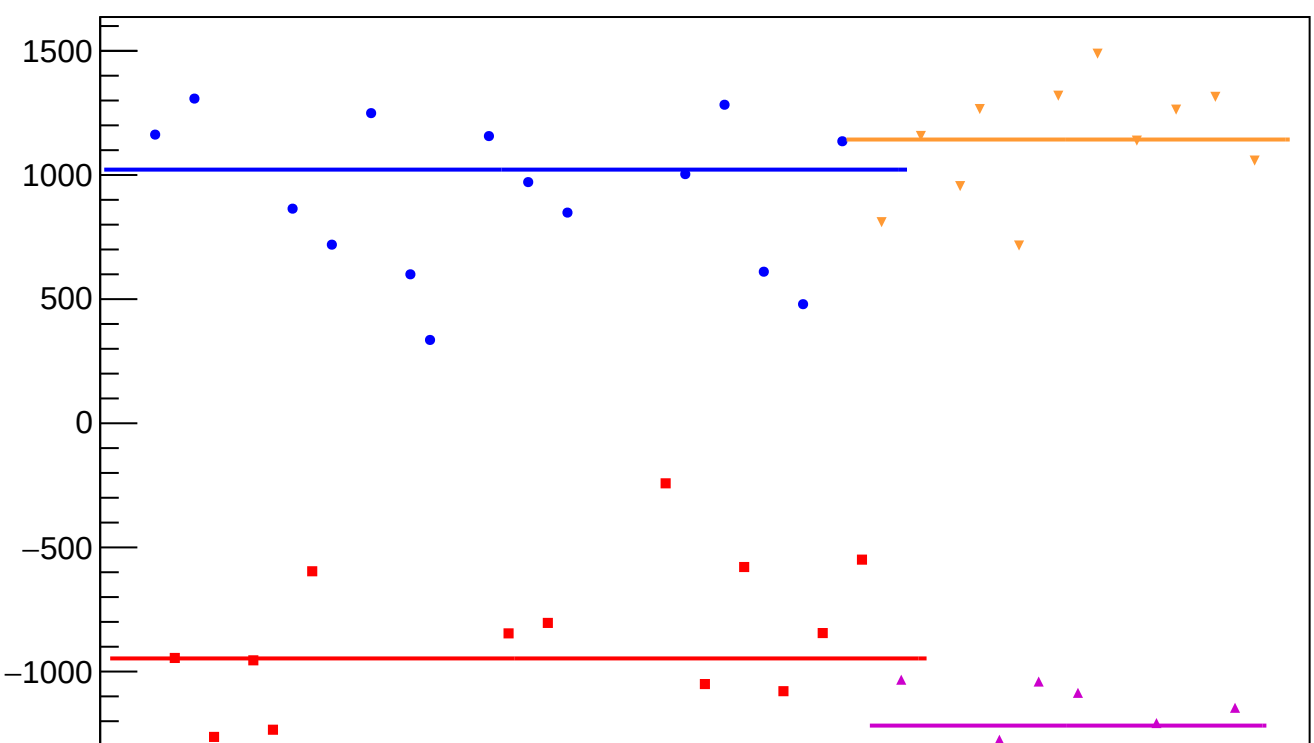
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 84.198+/-0.000 χ^2/NDF:188002653933938 34

Left In: -446.192+/-0.000 χ^2/NDF:5500786445121140183775238284283740160.0/8

All: 6.566+/-0.000 χ^2/NDF: 4542213639353 7

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

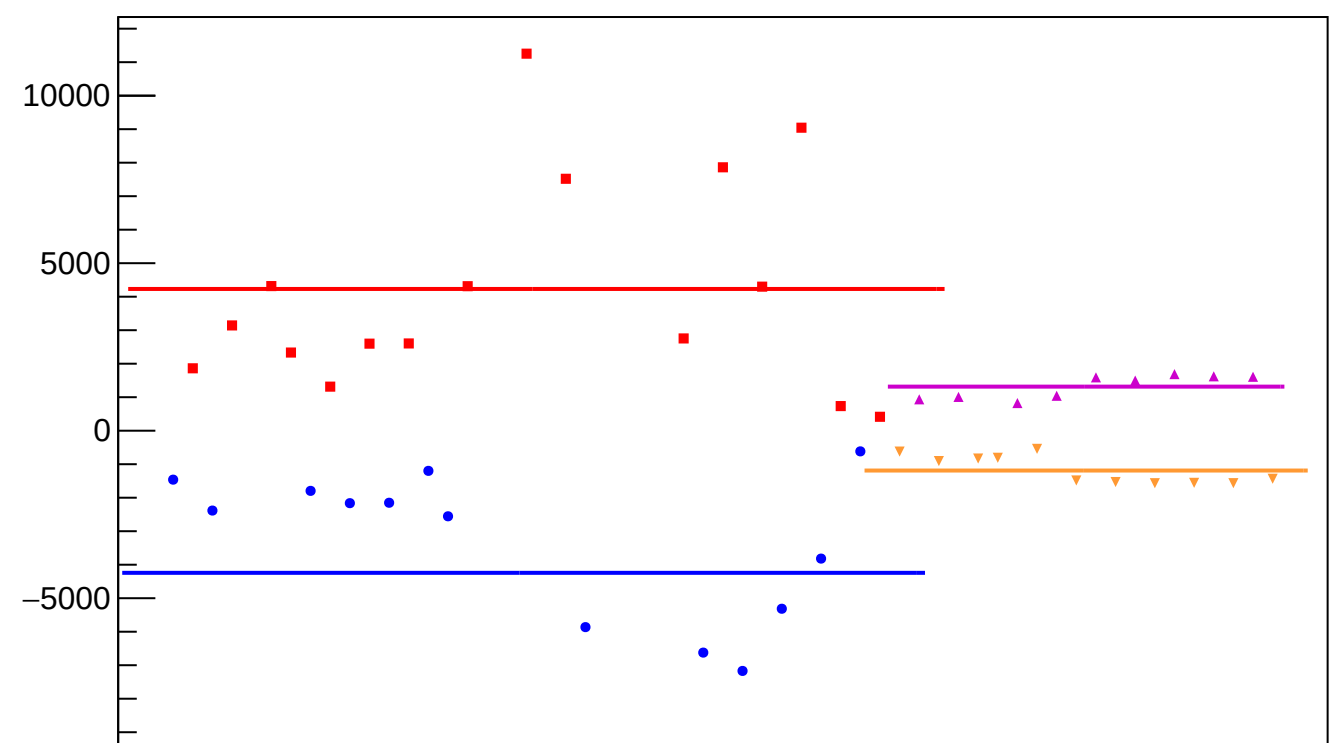
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330 4960.0/8

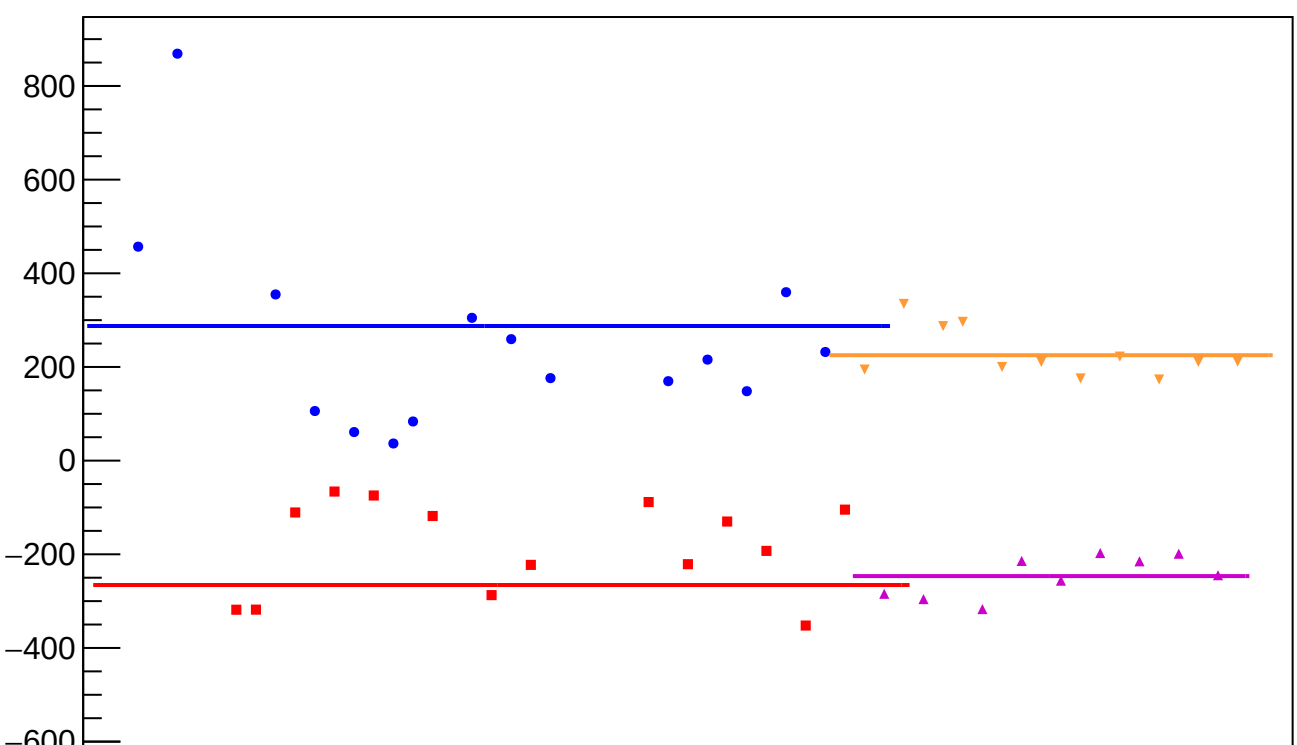
All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_sam7_coil7_mean vs Slug, Sign Corrected



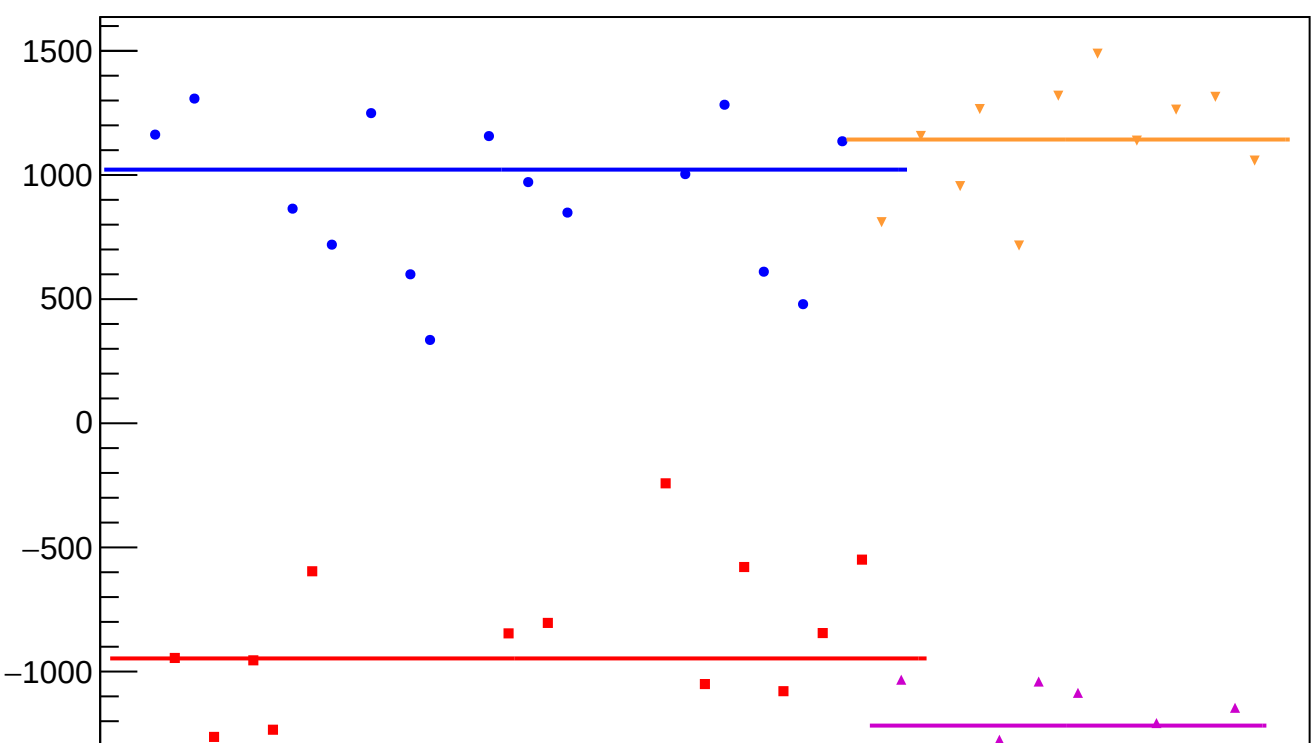
Left: 10.406+/-0.000 χ^2/NDF: 2734589781699152
Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14
Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228
Left Out: -1188.866+/-0.000 χ^2/NDF:136396137192383134140787484142677786624.0/10
In: -1228.053+/-0.000 χ^2/NDF:177397504962145
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15
Out: 1214.748+/-0.000 χ^2/NDF:17722585072646 5
Left In: 1315.725+/-0.000 χ^2/NDF:841083844404872261932159268189561159 68.0/8
All: 29.296+/-0.000 χ^2/NDF: 398176548635 8

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -0.718+/-0.000 χ^2/NDF: 92636131756350554
Right In: 287.460+/-0.000 χ^2/NDF: 29517044144826155936619151581366976512.0/14
Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483
Left Out: 225.127+/-0.000 χ^2/NDF:21095846862393239338729042228459601 92.0/10
In: -2.132+/-0.000 χ^2/NDF:13124601704723357 5
Right Out: -265.593+/-0.000 χ^2/NDF: 25843263106329059274985499259066908672.0/15
Out: 7.500+/-0.000 χ^2/NDF:11733890625378479 9
Left In: -246.533+/-0.000 χ^2/NDF:13678523363714988256121880540348416 00.0/8
All: 2.826+/-0.000 χ^2/NDF: 2486526368383 9

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

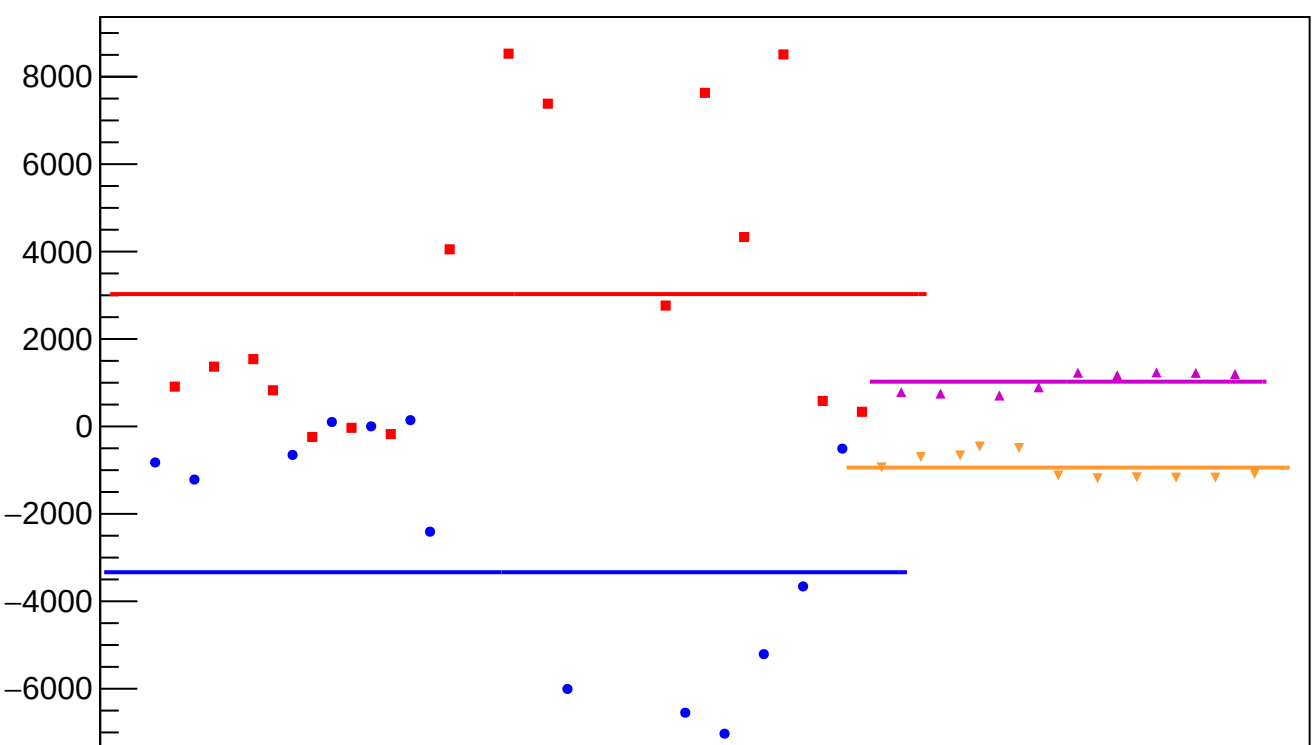
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330 4960.0/8

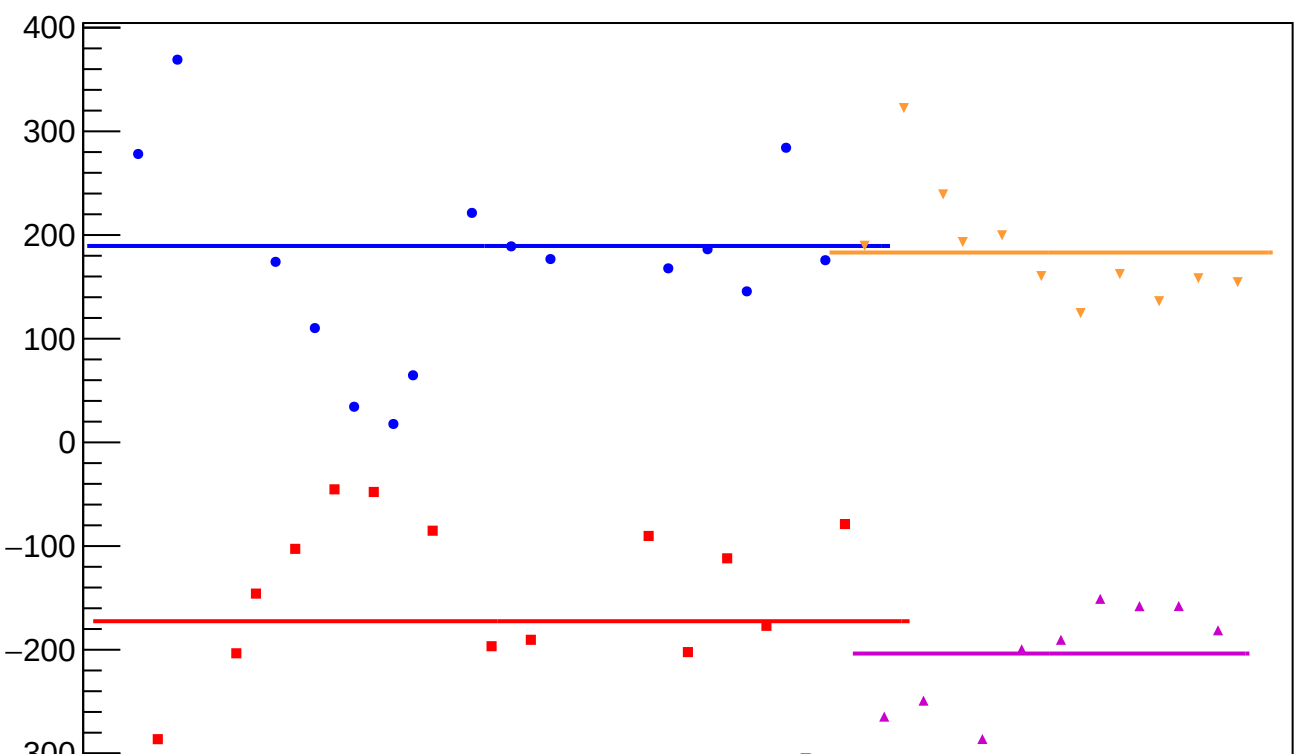
All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: -0.167+/-0.000 χ^2/NDF: 1647071435466427
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -941.418+/-0.000 χ^2/NDF:617345948950798198242171452215850434 56.0/10
In: -971.011+/-0.000 χ^2/NDF:1306414252057380
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 818.779+/-0.000 χ^2/NDF:1299539241502614
Left In: 1024.315+/-0.000 χ^2/NDF:3667959630228600567462871138906721484 8.0/8
All: -49.777+/-0.000 χ^2/NDF: 283975552012

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -2.081+/-0.000 χ^2/NDF: 64146694472953919

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045 7

Left Out: 183.124+/-0.000 χ^2/NDF:2430285737447217933229065157042241536.0/10

In: -23.744+/-0.000 χ^2/NDF:60854258514899658

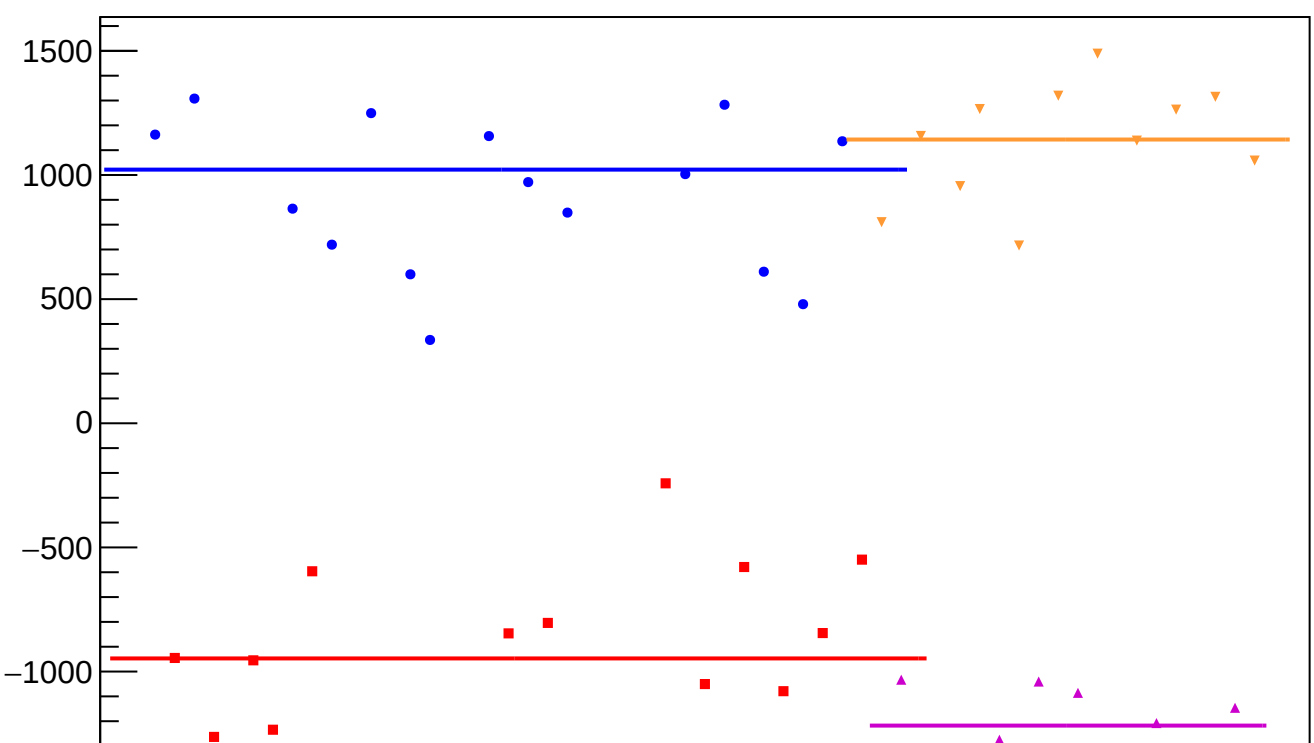
Right Out: -172.485+/-0.000 χ^2/NDF: 5594813408996728261938711470404534272.0/15

Out: 25.417+/-0.000 χ^2/NDF:5496565252738122 8

Left In: -203.662+/-0.000 χ^2/NDF:1758244484031653117674704648164868096.0/8

All: 1.560+/-0.000 χ^2/NDF: 1175838581744 1

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: 12.600+/-0.000 χ^2/NDF: 2291325425806528

Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1142.908+/-0.000 χ^2/NDF:4269491745778013994300090513244343 5008.0/10

In: -192.740+/-0.000 χ^2/NDF:1820831207106282

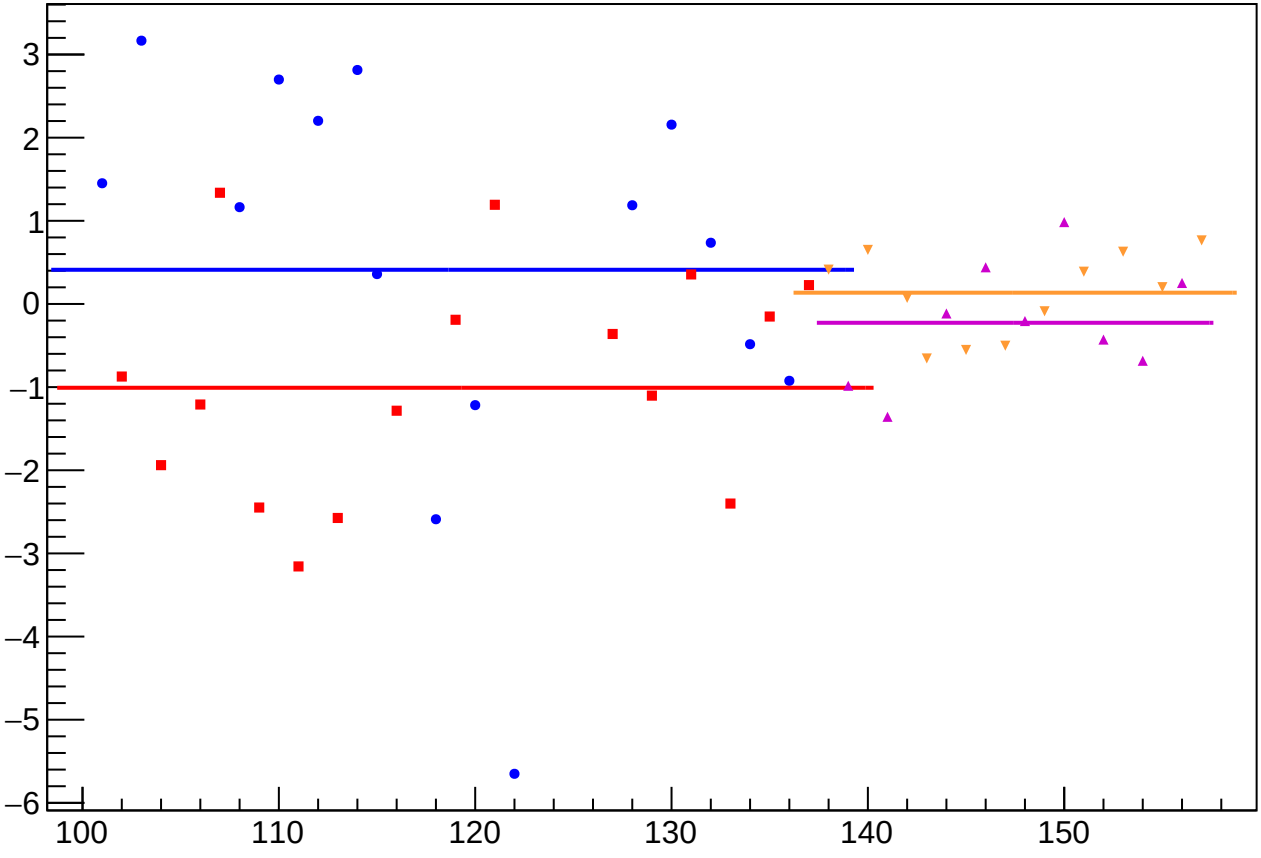
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819 6480.0/15

Out: 216.003+/-0.000 χ^2/NDF:1731984354649156

Left In: -1217.657+/-0.000 χ^2/NDF:1537674627322876521938922952244330 4960.0/8

All: 17.646+/-0.000 χ^2/NDF: 3674754752598

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.038+/-0.000 χ^2/NDF: 62089923741824073

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.136+/-0.000 χ^2/NDF:2013083906765873222661393853972 48.0/10

In: 0.065+/-0.000 χ^2/NDF:389572614889908552

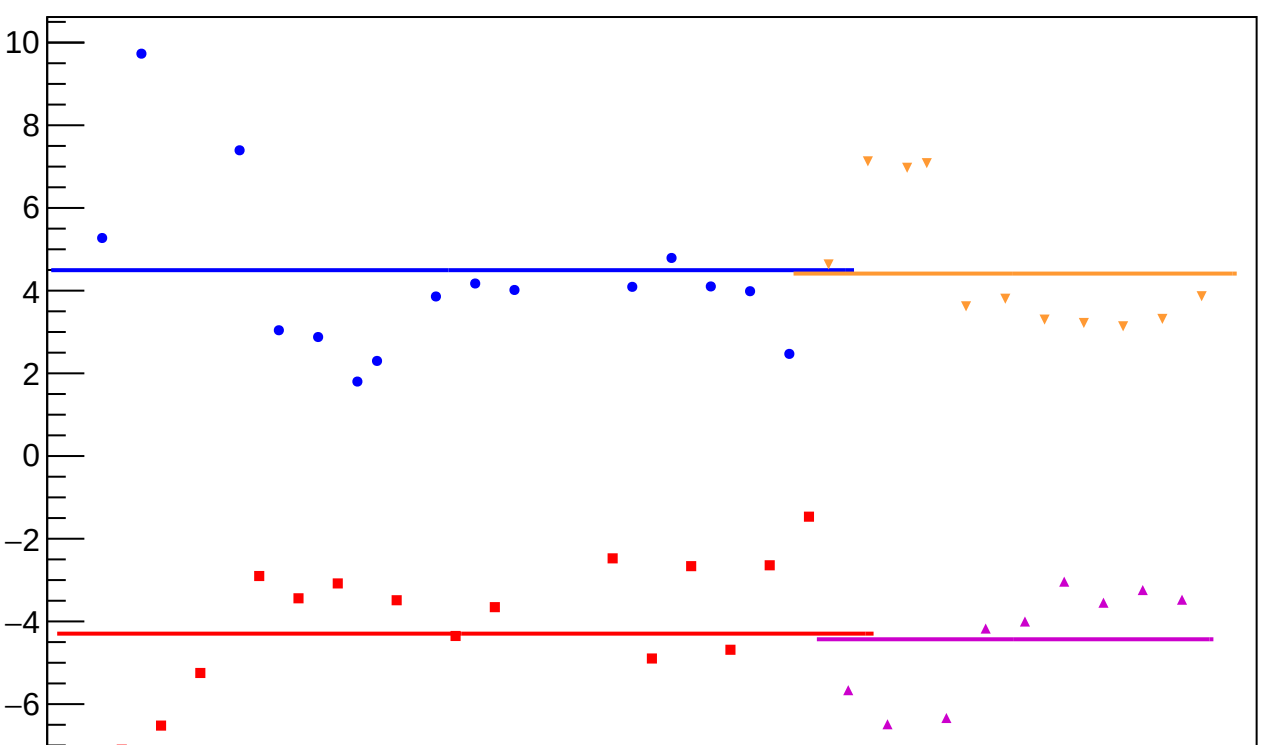
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.372+/-0.000 χ^2/NDF:1814985375695606 9

Left In: -0.226+/-0.000 χ^2/NDF:367094355495529124163950173224960.0/8

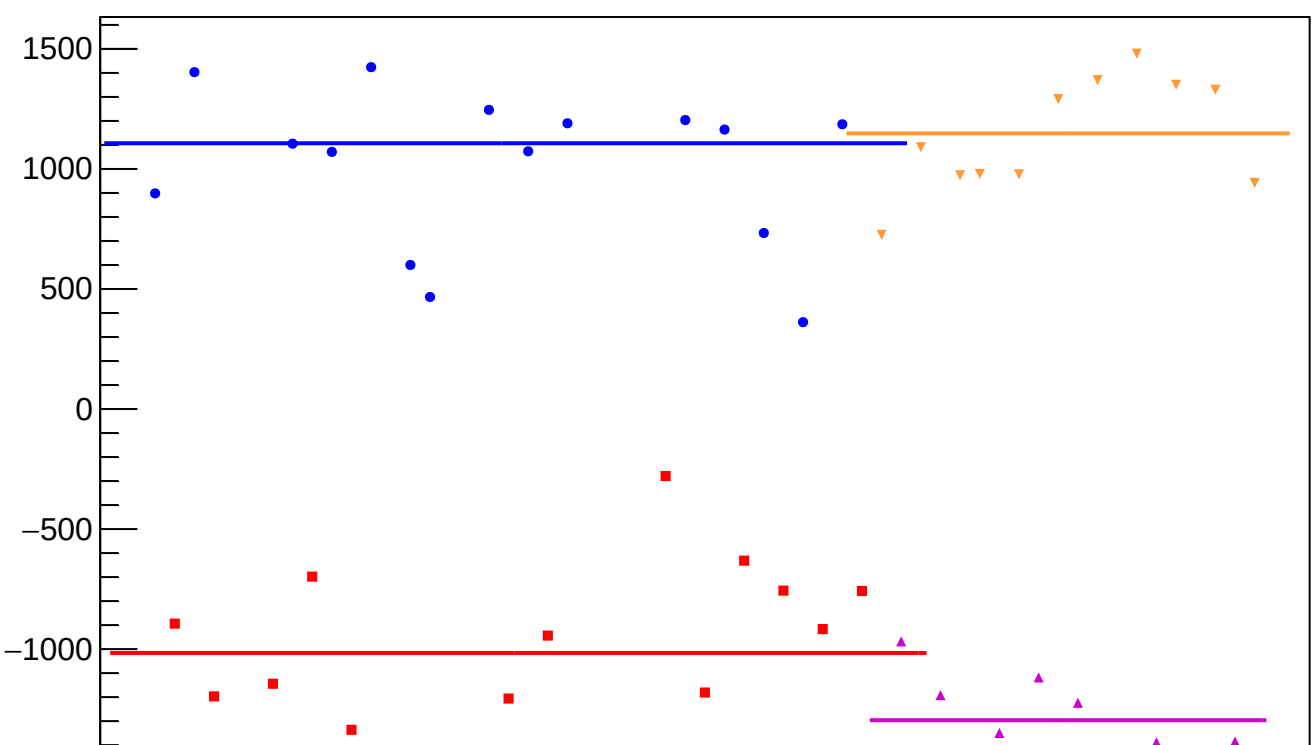
All: -0.159+/-0.000 χ^2/NDF: 5850060282816

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.178+/-0.000 χ^2/NDF: 34559984965668671
Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14
Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041
Left Out: 4.413+/-0.000 χ^2/NDF:193843995985931884337810741657600 0.0/10
In: -0.346+/-0.000 χ^2/NDF:32059810005469741 0
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15
Out: 0.551+/-0.000 χ^2/NDF:32100466504192611 2
Left In: -4.432+/-0.000 χ^2/NDF:12696482000377350521504934133760 00.0/8
All: 0.116+/-0.000 χ^2/NDF: 6474731186487 3

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

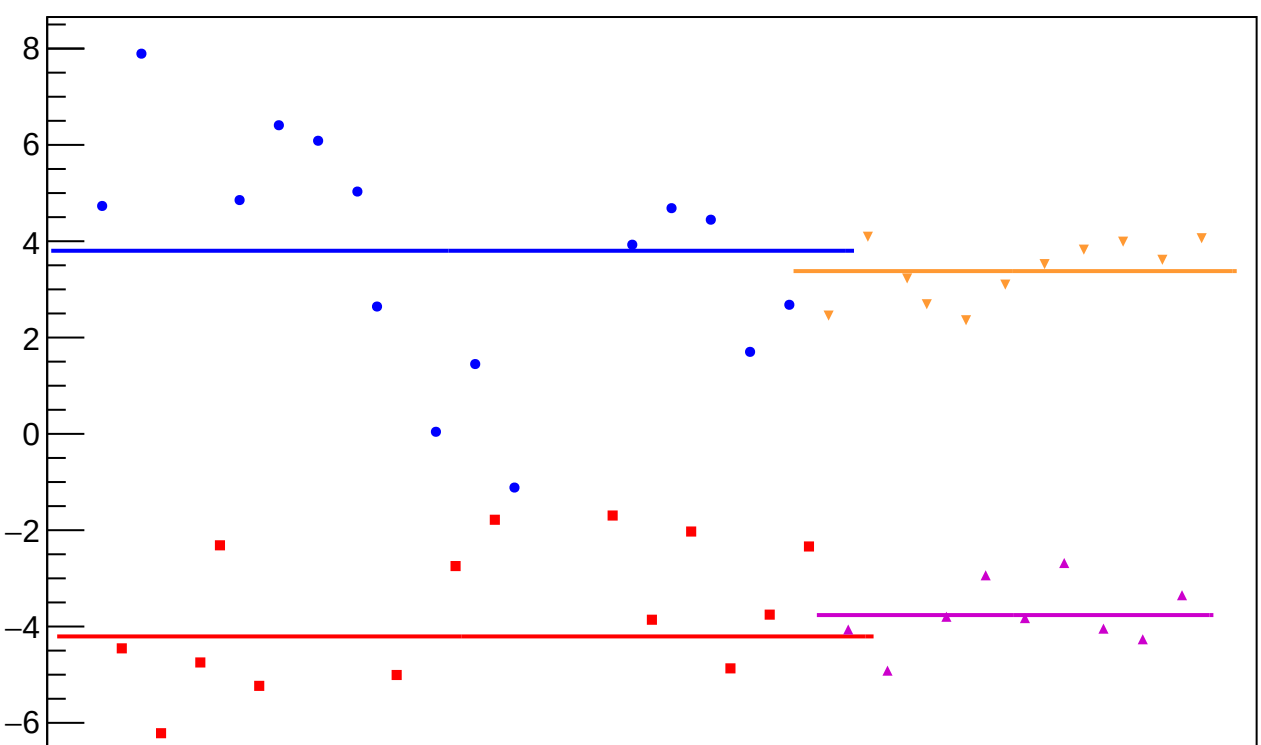
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.040+/-0.000 χ^2/NDF: 21090969978519610

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.380+/-0.000 χ^2/NDF:32160498967451654765187201761280 0.0/10

In: -0.300+/-0.000 χ^2/NDF:242607972088266212

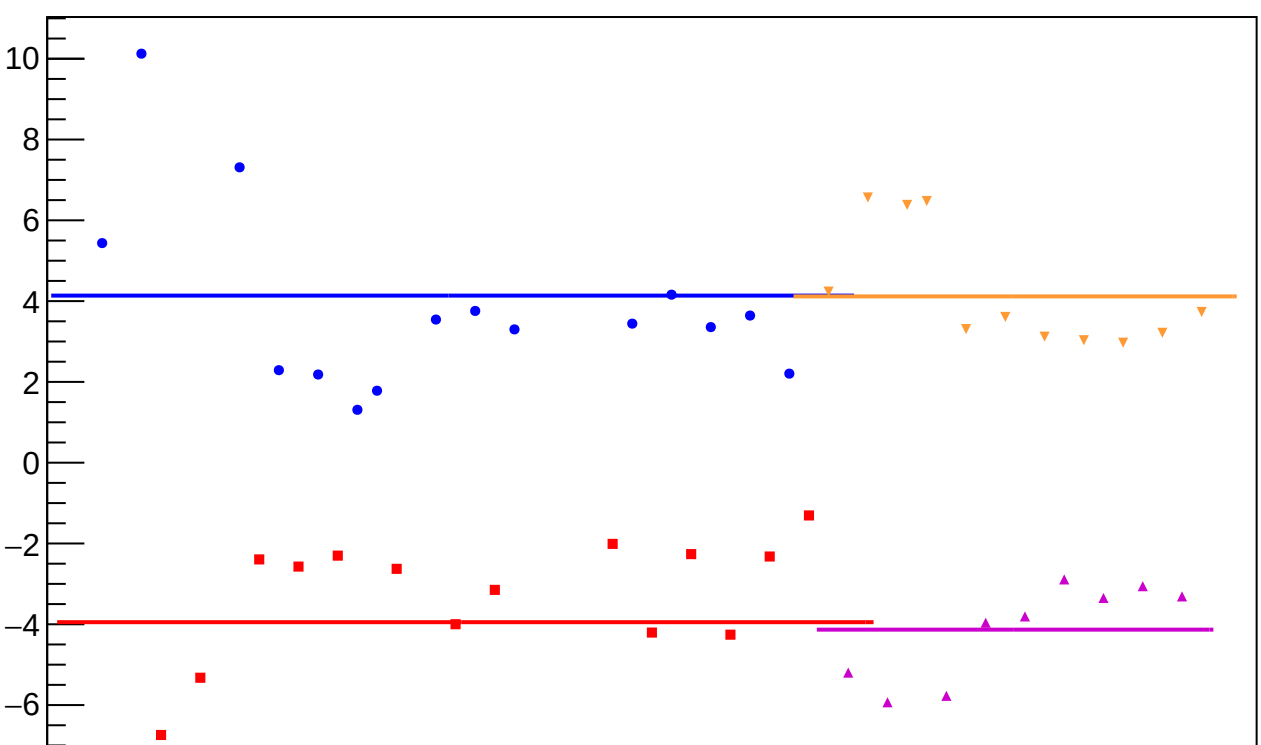
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.016+/-0.000 χ^2/NDF:23775630471340649 5

Left In: -3.762+/-0.000 χ^2/NDF:32676445089499324447901050784972 8.0/8

All: -0.138+/-0.000 χ^2/NDF: 4810925463920

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.166+/-0.000 χ^2/NDF: 297809239793350177

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.117+/-0.000 χ^2/NDF:1538091509595069497501778777735168.0/10

In: -0.348+/-0.000 χ^2/NDF:285436873823373305

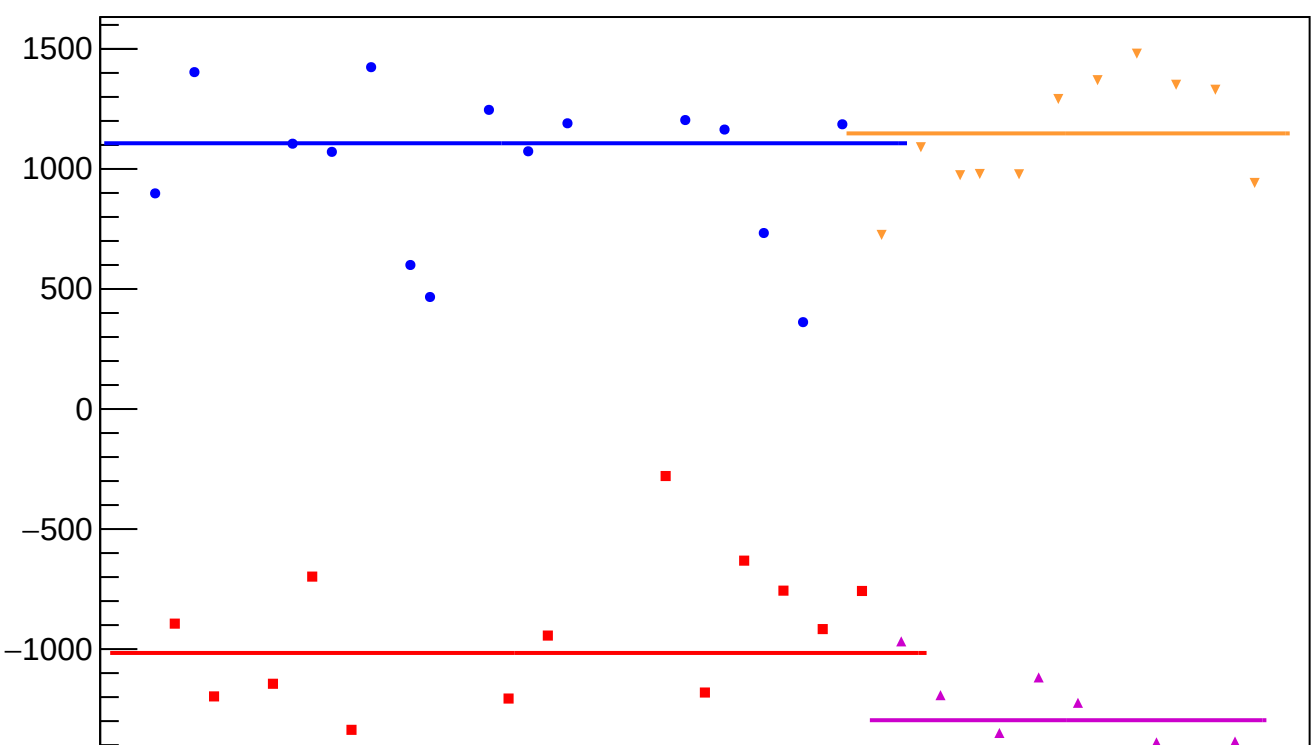
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

Out: 0.540+/-0.000 χ^2/NDF:283519403651061881

Left In: -4.133+/-0.000 χ^2/NDF:9681702423068646077531998010736 64.0/8

All: 0.109+/-0.000 χ^2/NDF: 5747121250736 7

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

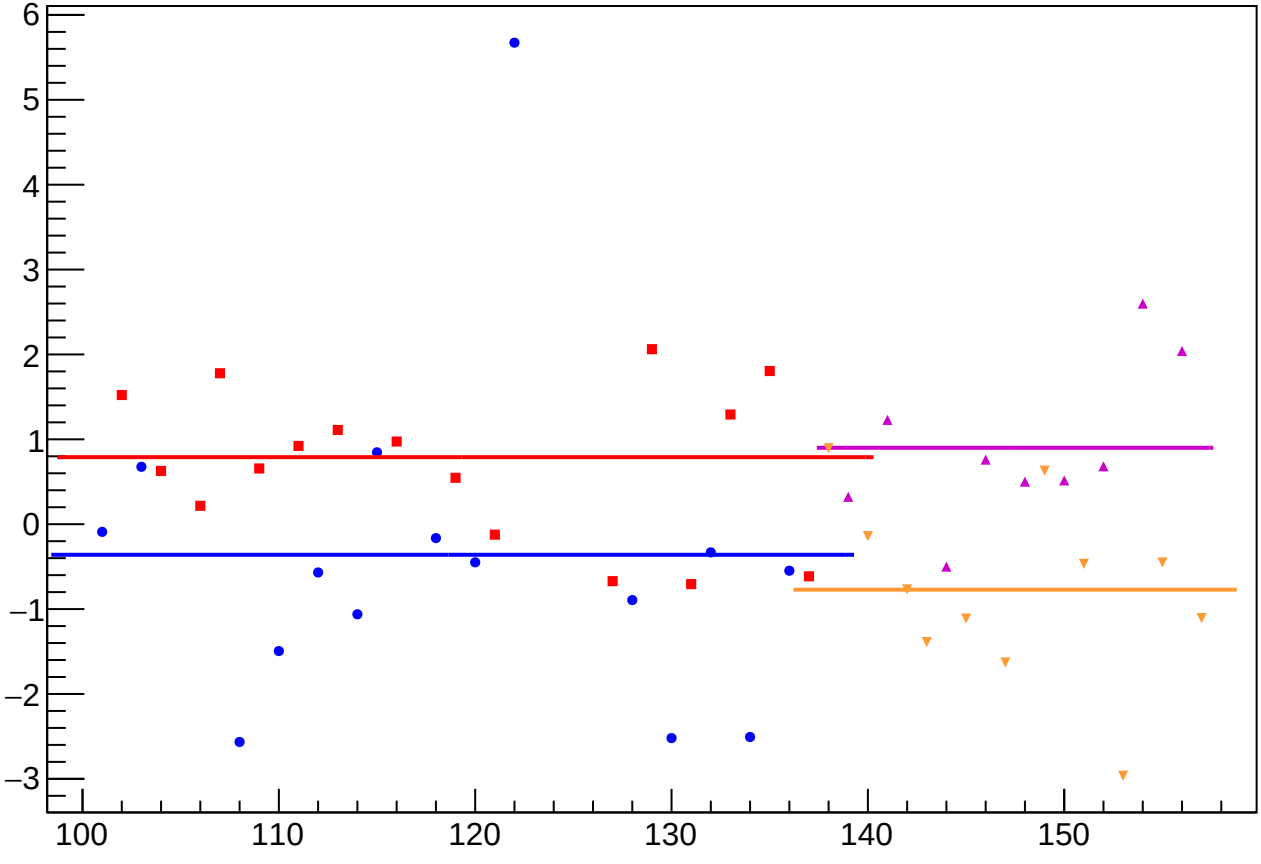
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.029+/-0.000 χ^2/NDF: 26634327109008552

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: -0.771+/-0.000 χ^2/NDF:93956896453748852954821247054643 2.0/10

In: 0.323+/-0.000 χ^2/NDF:3343559308646106000

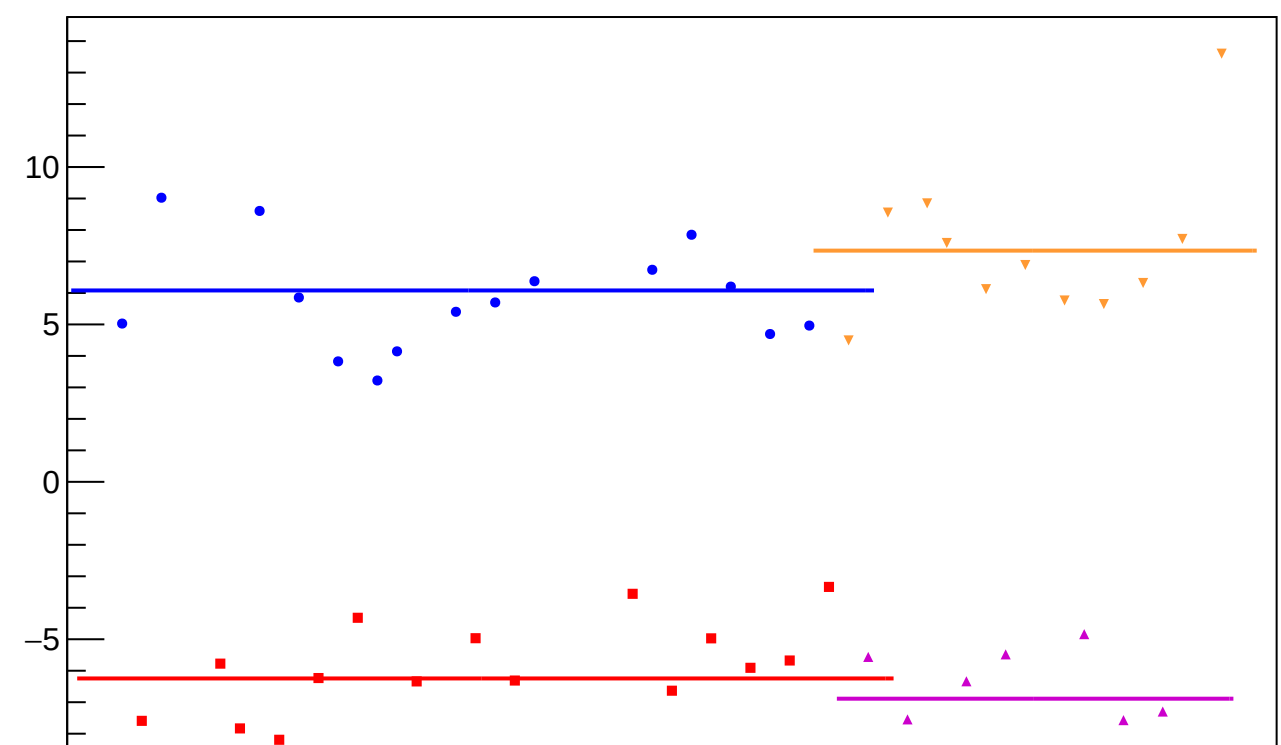
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.079+/-0.000 χ^2/NDF:2306915443483426 4

Left In: 0.900+/-0.000 χ^2/NDF:603977804433205886466894440955904.0/8

All: 0.116+/-0.000 χ^2/NDF: 5768686140546 6

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Left: 0.529+/-0.000 χ^2/NDF: 872086441040013122

Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509904488253 44.0/14

Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

Left Out: 7.344+/-0.000 χ^2/NDF:462485855291471705878727302001459 2.0/10

In: -0.953+/-0.000 χ^2/NDF:62173671469492625 9

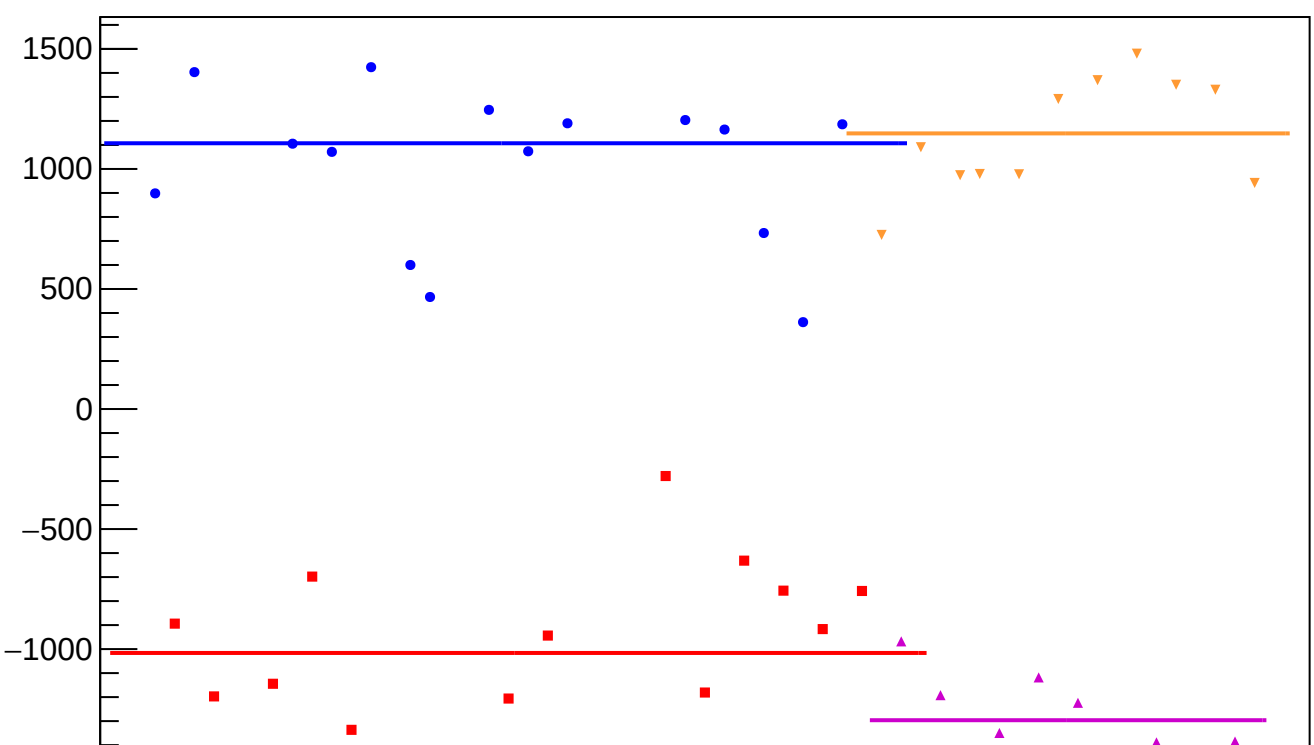
Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

Out: 1.318+/-0.000 χ^2/NDF:749953390926763983

Left In: -6.888+/-0.000 χ^2/NDF:1396583801128958340242937697271808.0/8

All: 0.216+/-0.000 χ^2/NDF: 1409324503672 8

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

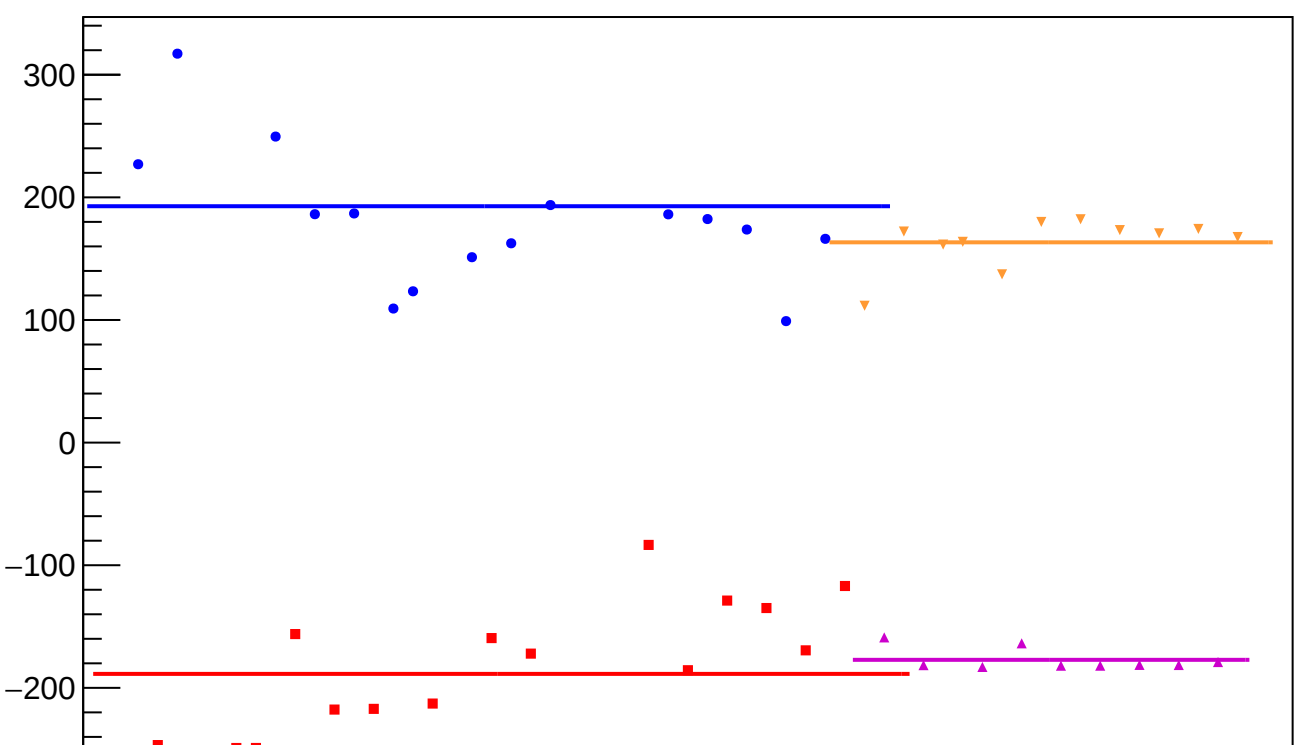
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.267+/-0.000 χ^2/NDF:2279369087636224932053623051169615052 8.0/8

All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: 0.297+/-0.000 χ^2/NDF: 468577237439975058

Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893

Left Out: 163.325+/-0.000 χ^2/NDF:3448354348031090896949454092579635 20.0/10

In: -7.840+/-0.000 χ^2/NDF:498567142004226910

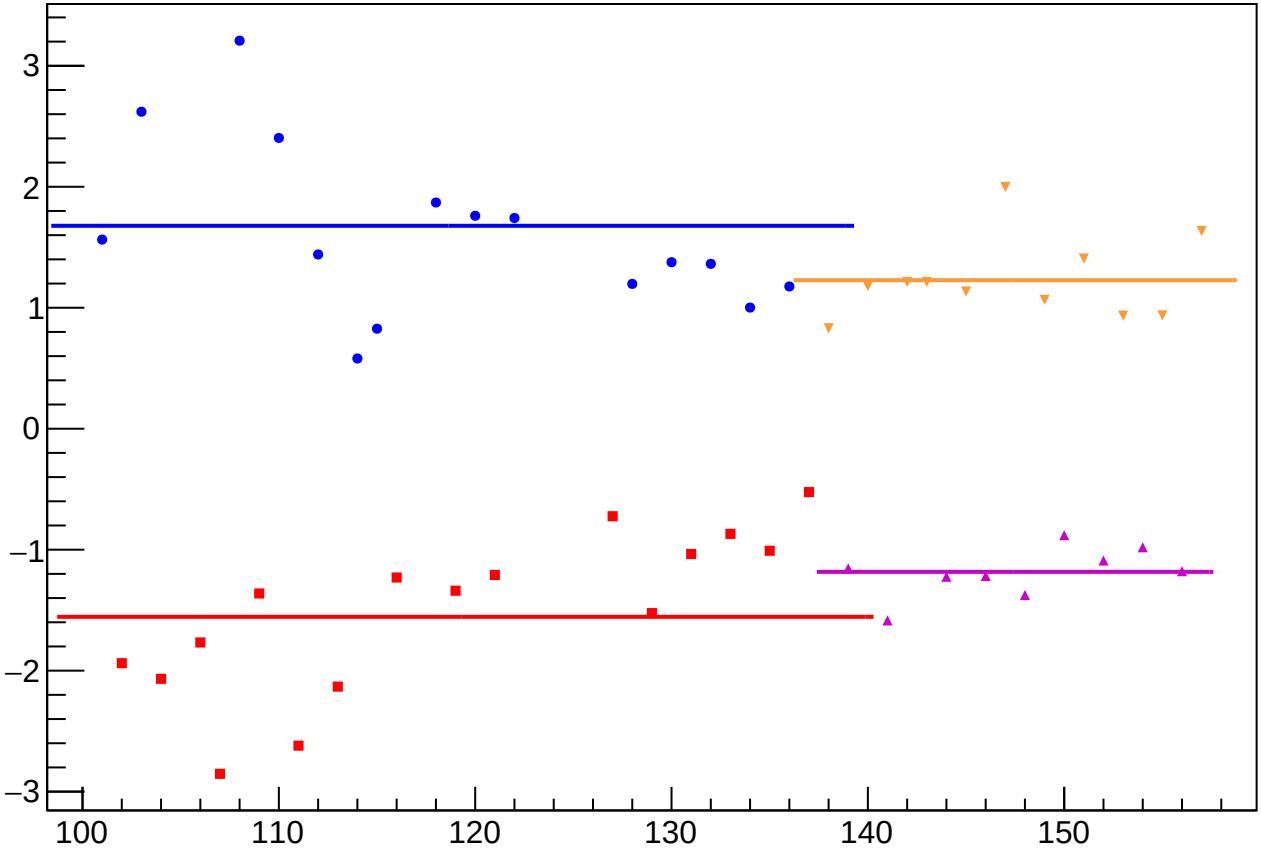
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961 0624.0/15

Out: 7.247+/-0.000 χ^2/NDF:482433241323100532

Left In: -177.147+/-0.000 χ^2/NDF:5406328261129406460478729817266 5856.0/8

All: -0.075+/-0.000 χ^2/NDF: 9826616567202

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.073+/-0.000 χ^2/NDF: 24509604423667552

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: 1.228+/-0.000 χ^2/NDF:91355744038482775249196503007232.0/10

In: 0.126+/-0.000 χ^2/NDF:31521732787609372 60

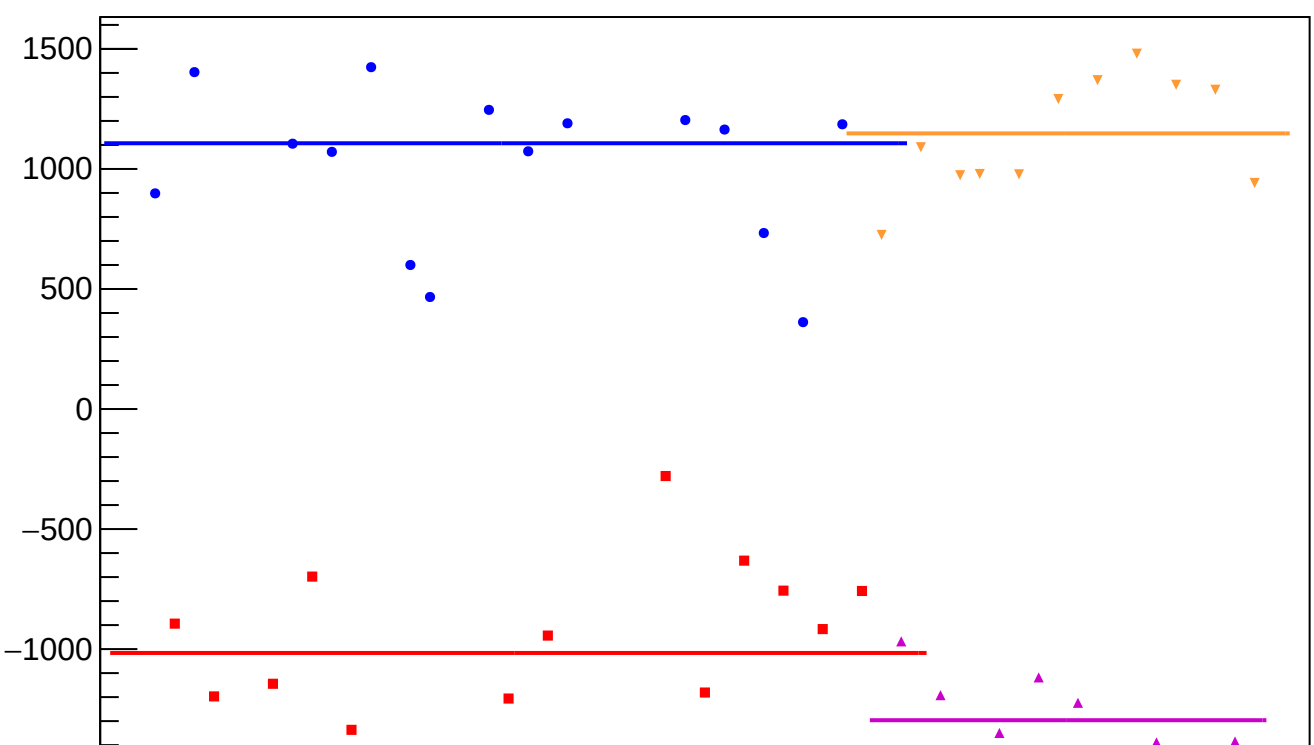
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: -0.006+/-0.000 χ^2/NDF:3221303622732878 9

Left In: -1.183+/-0.000 χ^2/NDF:2987408353607578965887153707417 6.0/8

All: 0.058+/-0.000 χ^2/NDF: 6386269948340 5

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1148.111+/-0.000 χ^2/NDF:4360328696015834829331422326876746547 2.0/10

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

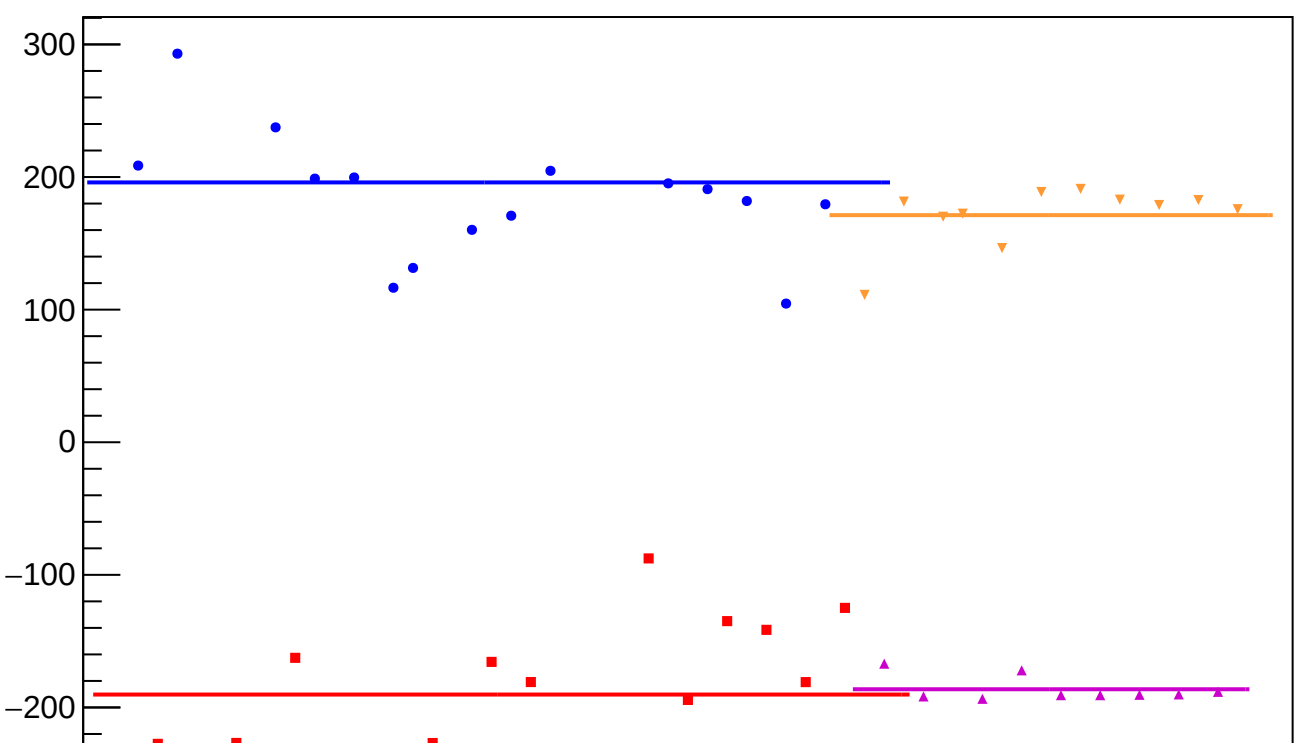
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

Left In: -1296.267+/-0.000 χ^2/NDF:2279369087636224932053623051169615052 8.0/8

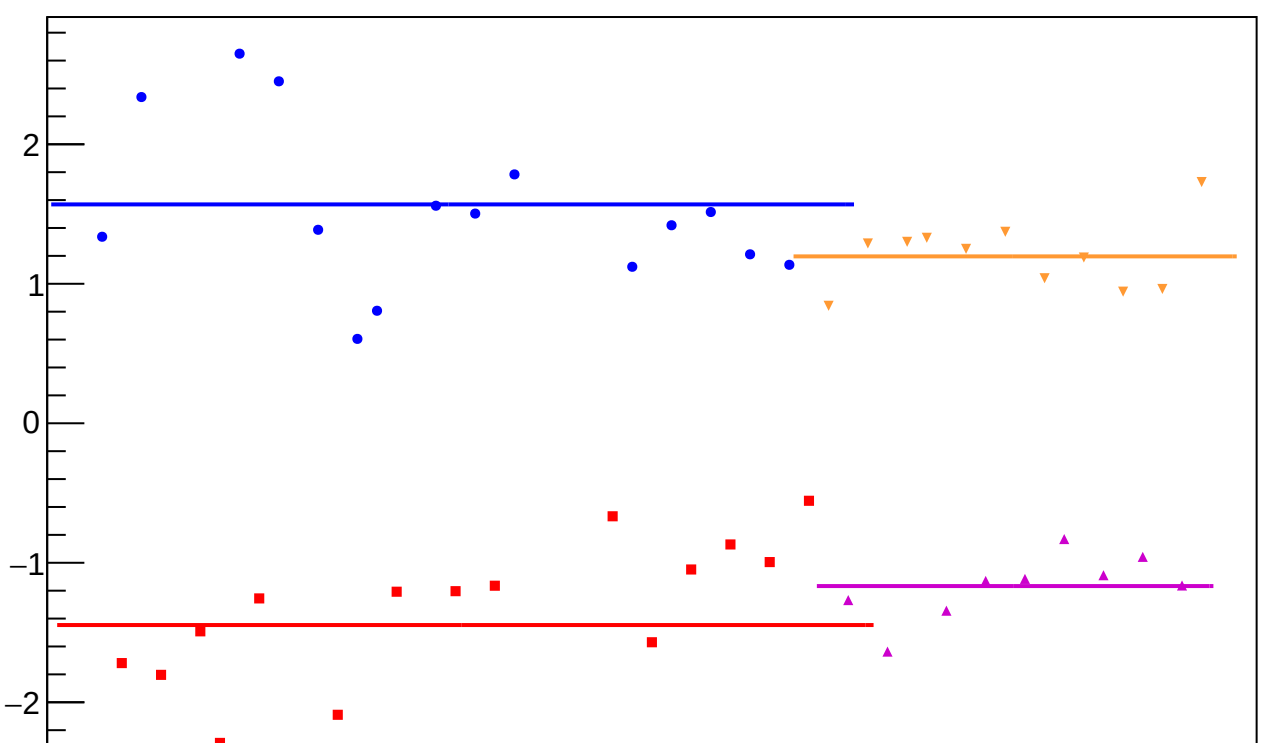
All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_4eY_coil4_mean vs Slug, Sign Corrected



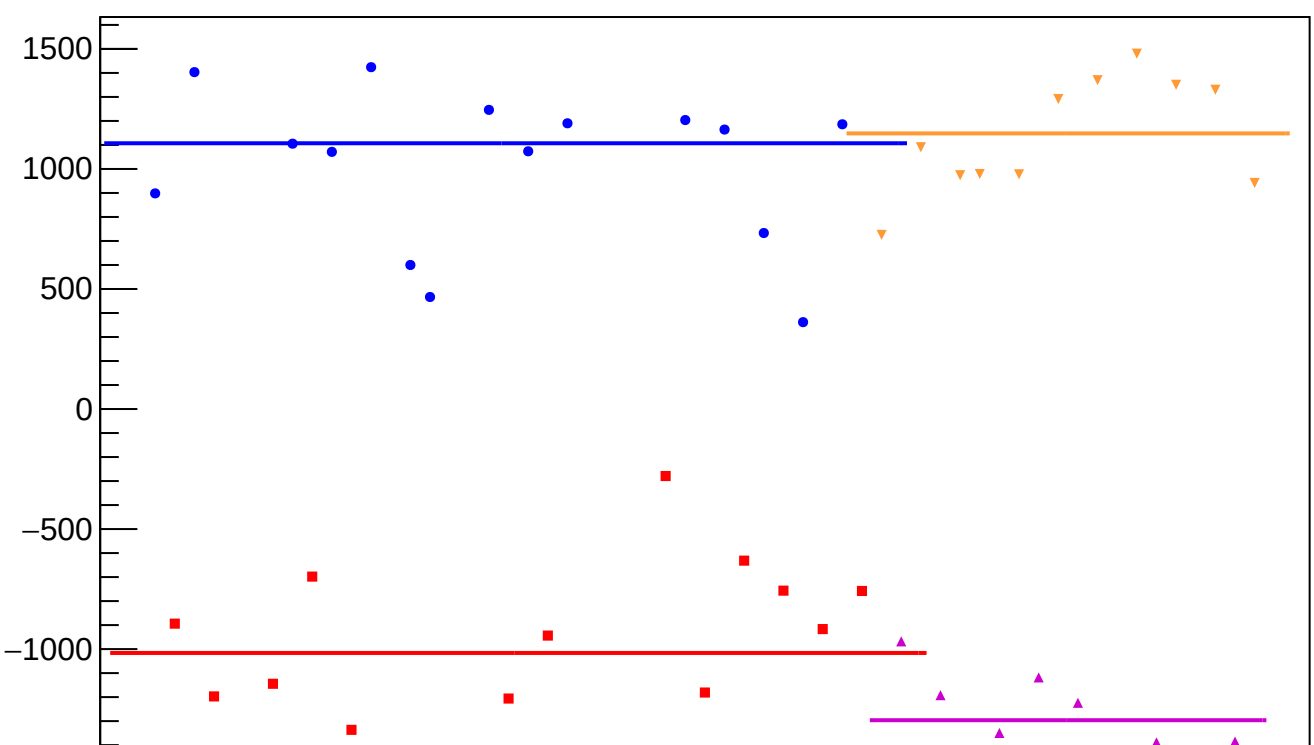
Left: 0.065+/-0.000 χ^2/NDF: 51716075310170810
Right In: 195.940+/-0.000 χ^2/NDF: 10578910798690895723704790931839385 60.0/14
Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798
Left Out: 171.260+/-0.000 χ^2/NDF:42484609203980297739519494032510 1568.0/10
In: -11.337+/-0.000 χ^2/NDF:52534437822652349
Right Out: -190.268+/-0.000 χ^2/NDF: 14684730736679733302670842343236 56704.0/15
Out: 10.928+/-0.000 χ^2/NDF:50409563668565245
Left In: -186.268+/-0.000 χ^2/NDF:60790740062457517520157095780941824.0/8
All: 0.124+/-0.000 χ^2/NDF: 10330581427753

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.065+/-0.000 χ^2/NDF: 23250130151351493
Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14
Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144
Left Out: 1.196+/-0.000 χ^2/NDF:4913703502976877659683172856627 2.0/10
In: 0.085+/-0.000 χ^2/NDF:2834844545205681116
Right Out: -1.446+/-0.000 χ^2/NDF: 1962966539175233524432710527877 12.0/15
Out: 0.024+/-0.000 χ^2/NDF:2837809995593532 89
Left In: -1.167+/-0.000 χ^2/NDF:3745045090569256260937727973785 6.0/8
All: 0.054+/-0.000 χ^2/NDF: 5675361283957 9

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

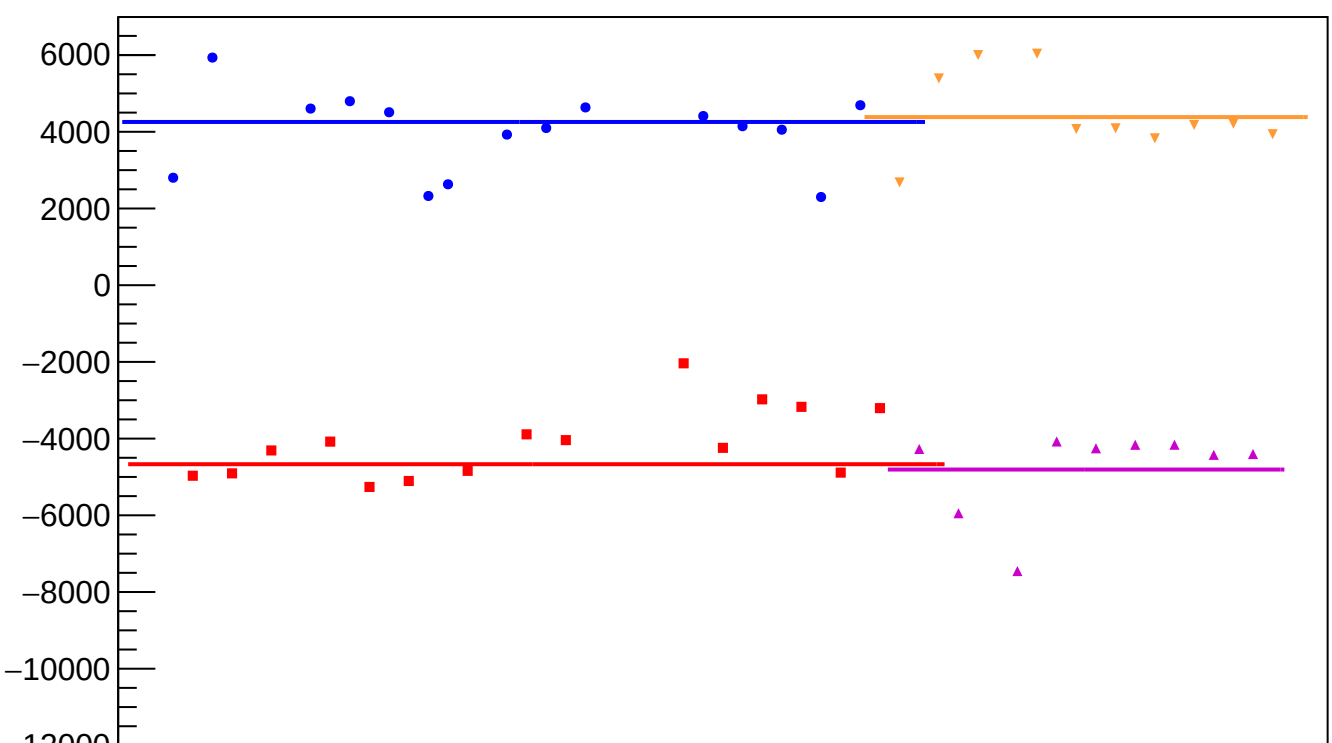
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -208.780+/-0.000 χ^2/NDF: 341354671490683

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4383.298+/-0.000 χ^2/NDF:7118817631489934313672638292875752243 20.0/9

In: -658.715+/-0.000 χ^2/NDF:303375711540717 0

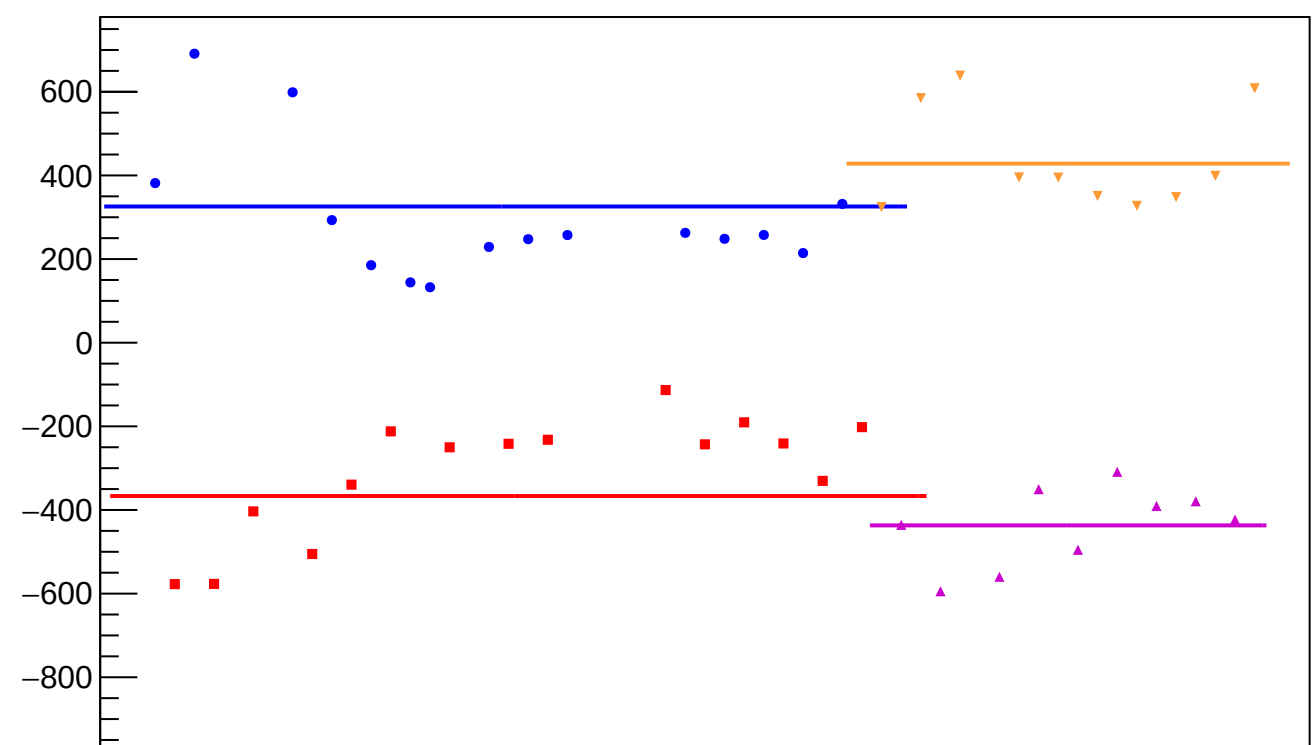
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: 182.113+/-0.000 χ^2/NDF:331934254281370 7

Left In: -4806.830+/-0.000 χ^2/NDF:9282066930320001392300930465815907532 80.0/8

All: -235.503+/-0.000 χ^2/NDF: 6403558899 8

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Left: -4.041+/-0.000 χ^2/NDF: 30380128751891685

Right In: 325.732+/-0.000 χ^2/NDF: 146333595679402441238972427698543001 60.0/14

Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

Left Out: 428.205+/-0.000 χ^2/NDF:953467006209852209007846571910994329 6.0/9

In: -87.825+/-0.000 χ^2/NDF:22566081157750363

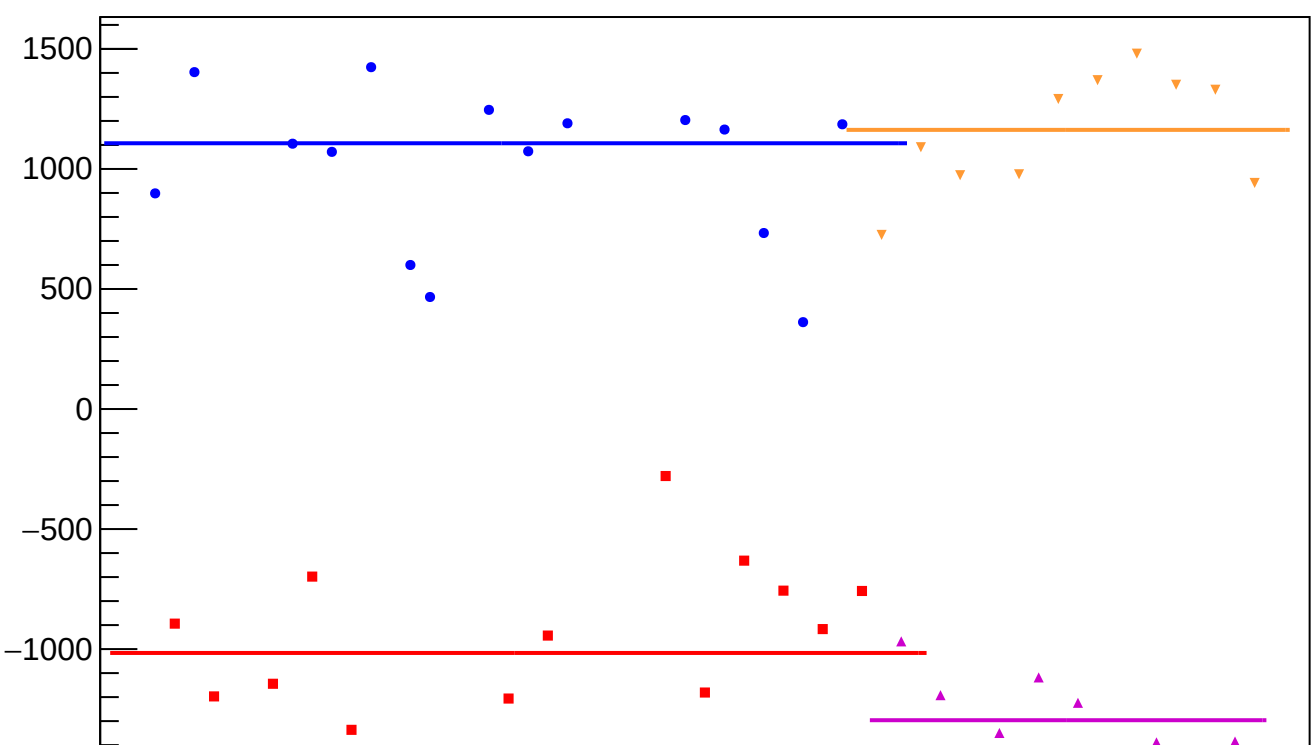
Right Out: -366.682+/-0.000 χ^2/NDF: 320972506999479564091174401153989345 28.0/15

Out: 59.249+/-0.000 χ^2/NDF:2674561300202230

Left In: -436.849+/-0.000 χ^2/NDF:635180898625363367488759931638644736 0.0/8

All: -13.799+/-0.000 χ^2/NDF: 508555251516

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.926+/-0.000 χ^2/NDF: 2390934184642956

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1162.817+/-0.000 χ^2/NDF:4152302974266791000904892840309214412 8.0/9

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

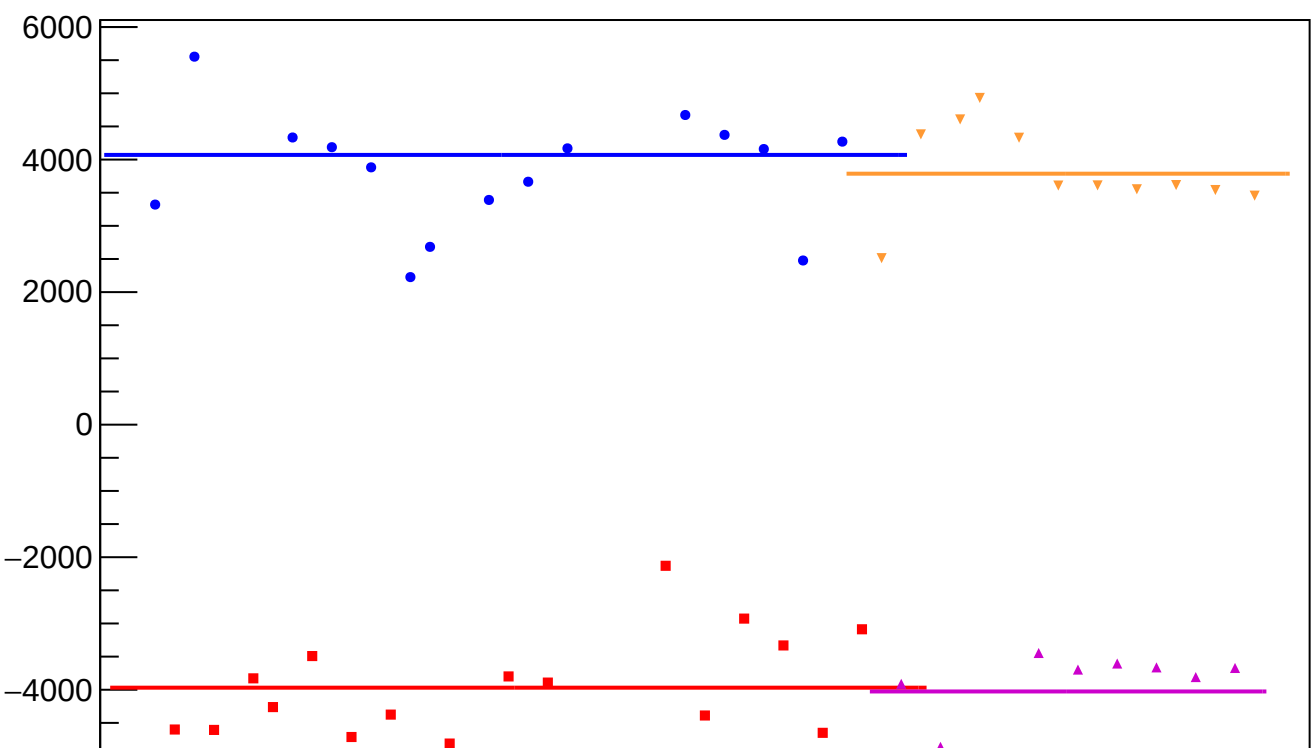
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 151.445+/-0.000 χ^2/NDF:1810941616305151

Left In: -1296.267+/-0.000 χ^2/NDF:2279369087636224932053623051169615052 8.0/8

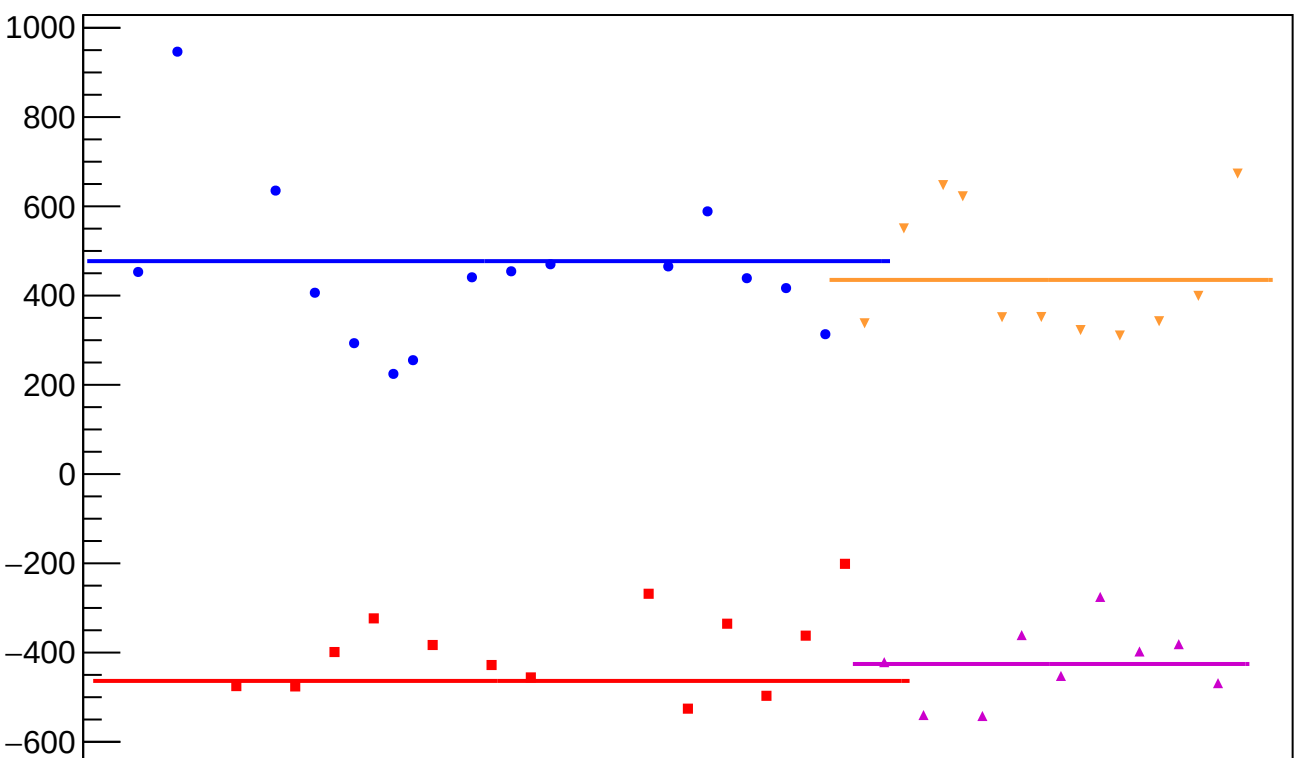
All: -21.270+/-0.000 χ^2/NDF: 399358359033

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: 46.007+/-0.000 χ^2/NDF: 2512343576212442
Right In: 4070.444+/-0.000 χ^2/NDF: 34328187528269573995638315629524759347 2.0/14
Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721
Left Out: 3787.090+/-0.000 χ^2/NDF:323316813443340848835799596874814455808.0/10
In: -320.302+/-0.000 χ^2/NDF:2374999145893996
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15
Out: 347.511+/-0.000 χ^2/NDF:2301169525313682
Left In: -4025.886+/-0.000 χ^2/NDF:335457549682727842430258699912244887552.0/8
All: 23.432+/-0.000 χ^2/NDF: 4708718854475

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 22.994+/-0.000 χ^2/NDF: 3169834622186358

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: 435.104+/-0.000 χ^2/NDF:1493372003757568350041182264693148876 8.0/10

In: -12.383+/-0.000 χ^2/NDF:3124621499219761 7

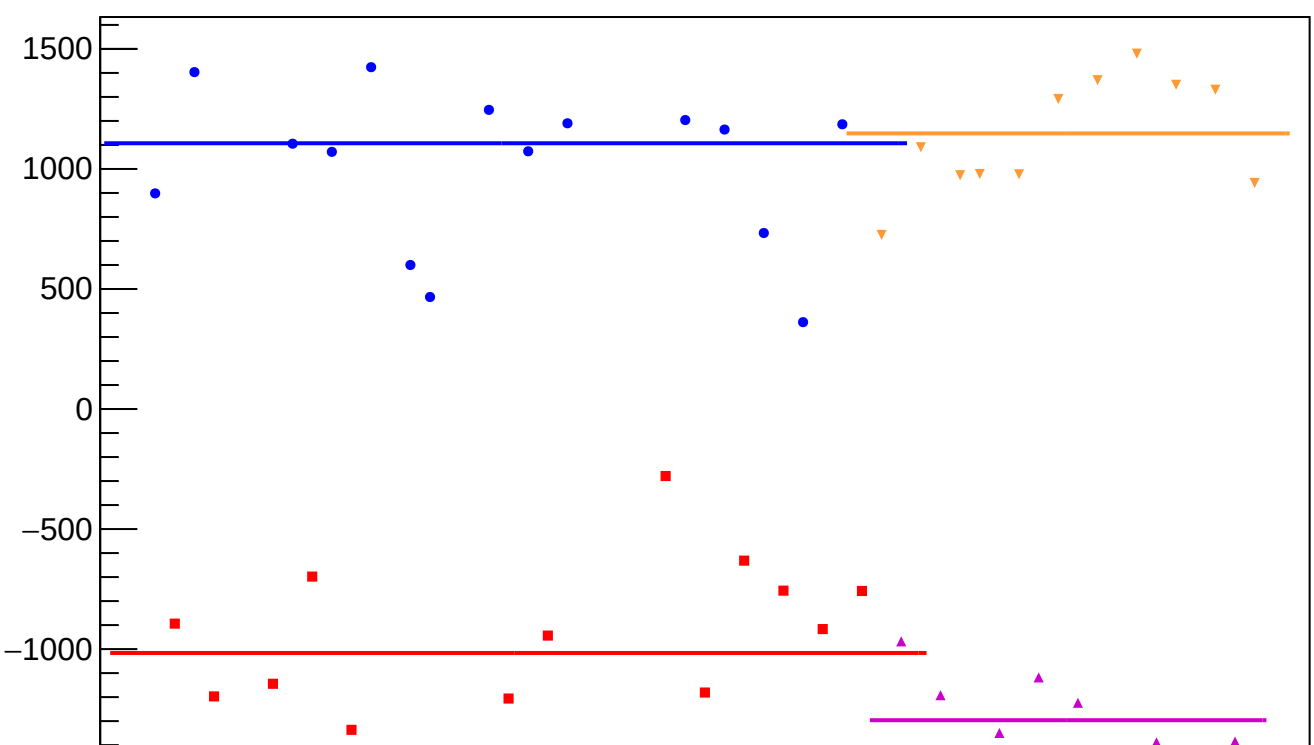
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: 36.582+/-0.000 χ^2/NDF:3272354825234020 3

Left In: -425.557+/-0.000 χ^2/NDF:5177379363256908438106401704150827008.0/8

All: 12.820+/-0.000 χ^2/NDF: 641447517569 8

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

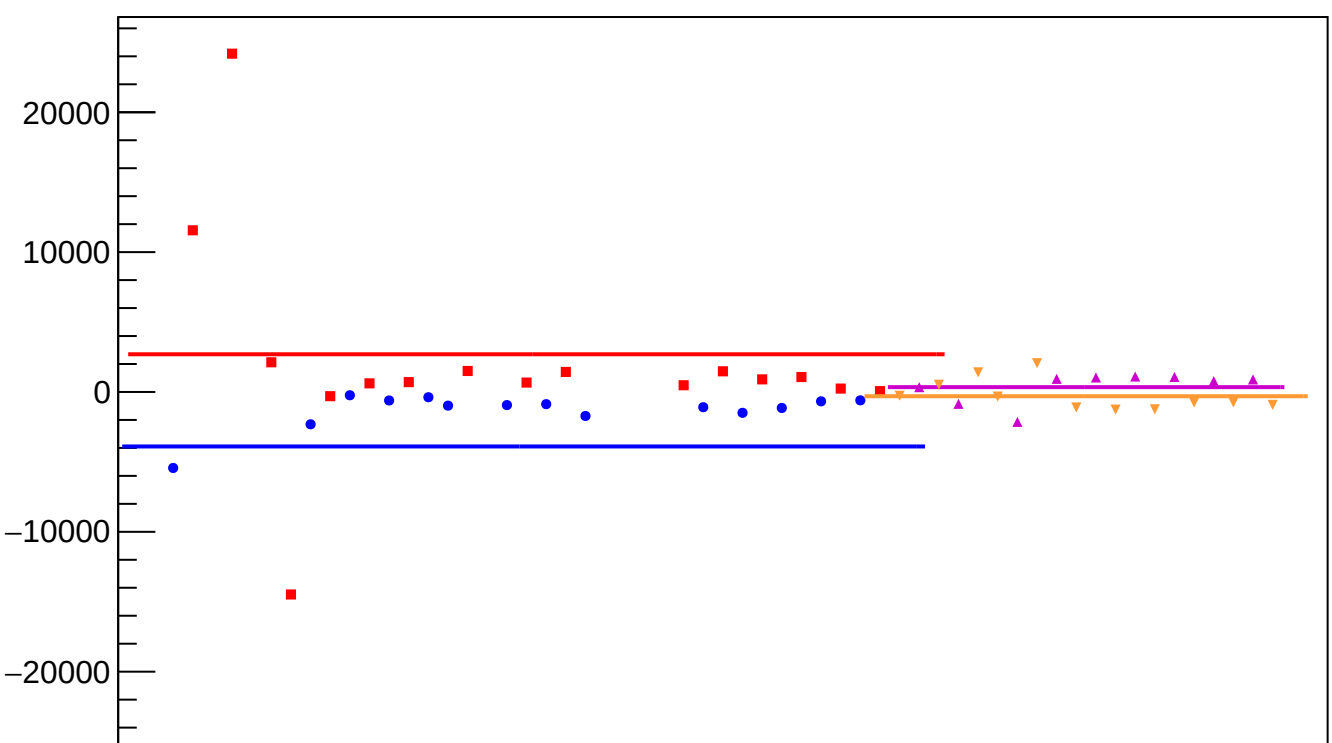
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

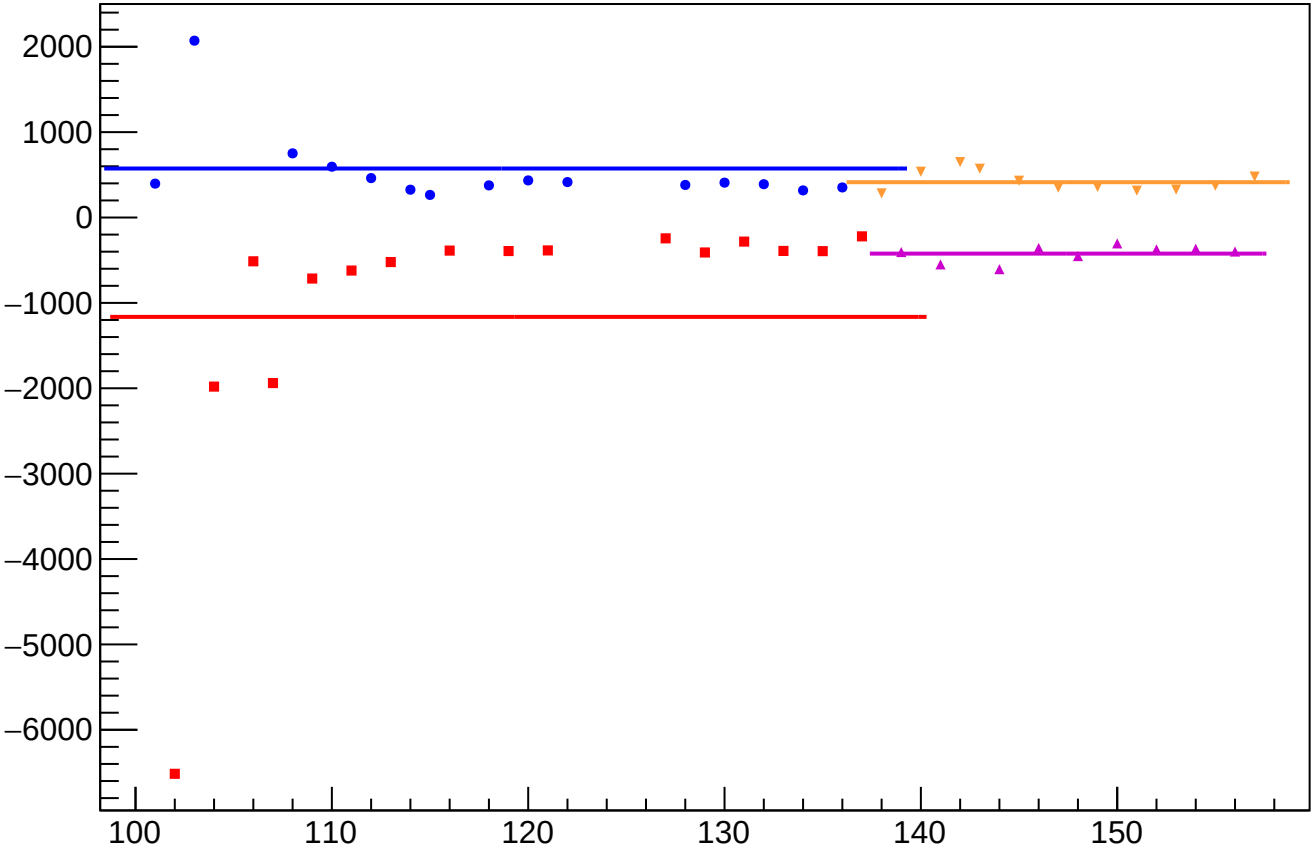
All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_atl1_coil4_mean vs Slug, Sign Corrected



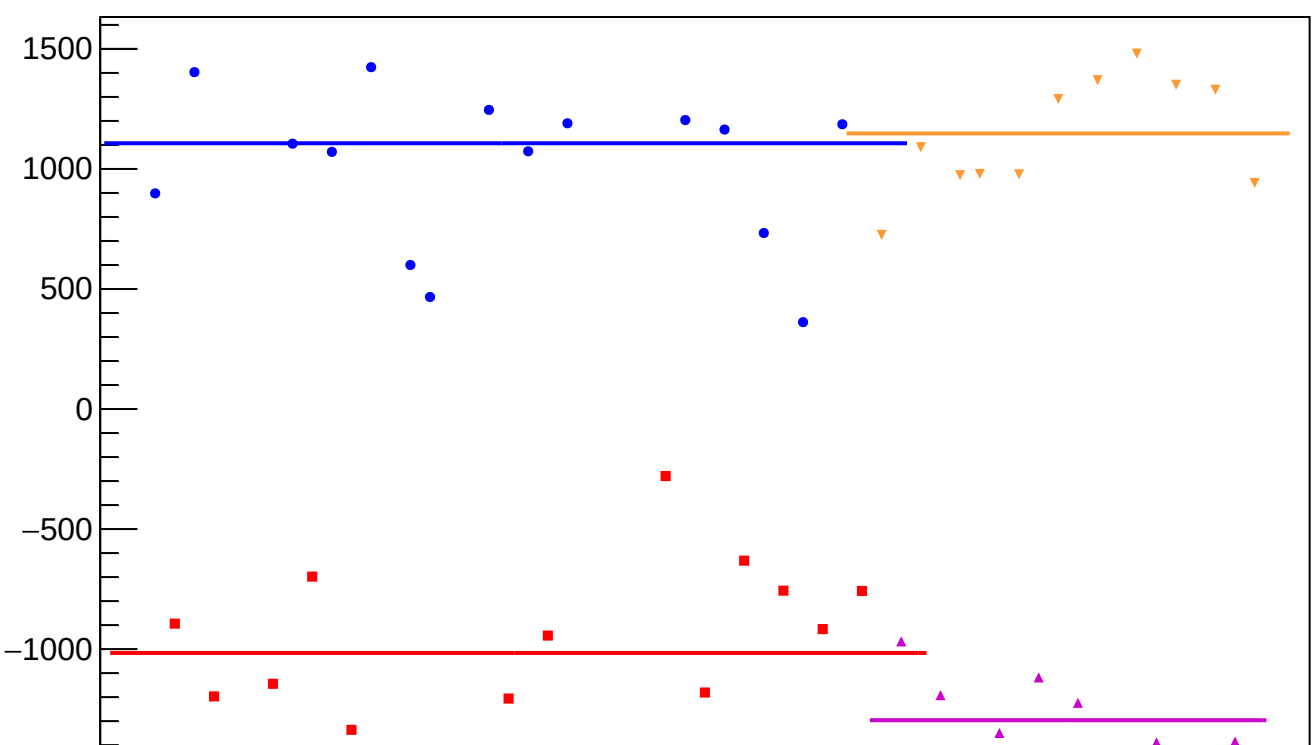
Left: 6.526+/-0.000 χ^2/NDF: 19473682935556100
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -304.736+/-0.000 χ^2/NDF:8995721878994737421952148787183002583 04.0/10
In: -1596.119+/-0.000 χ^2/NDF:468299349626298
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 1026.039+/-0.000 χ^2/NDF:450644223228455
Left In: 345.313+/-0.000 χ^2/NDF:8784410467841983104716778163150792949 76.0/8
All: -246.453+/-0.000 χ^2/NDF: 96912715961

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 13.117+/-0.000 χ^2/NDF: 2962590655158671
Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 413.595+/-0.000 χ^2/NDF:927503601796189067927883973625118720 0.0/10
In: 33.462+/-0.000 χ^2/NDF:50847102755028609
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -285.909+/-0.000 χ^2/NDF:293594963531389
Left In: -422.773+/-0.000 χ^2/NDF:663327155972230770054137776678790758 4.0/8
All: -130.923+/-0.000 χ^2/NDF: 3518865372

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

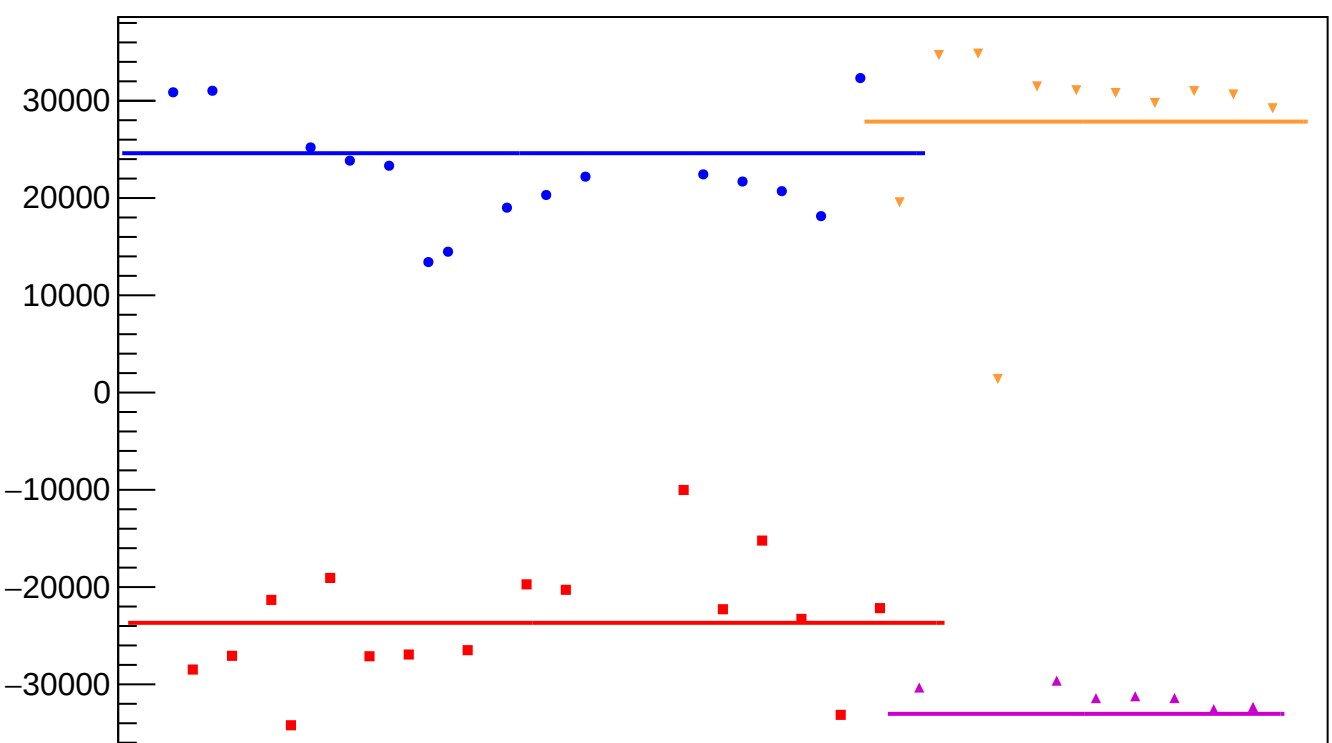
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

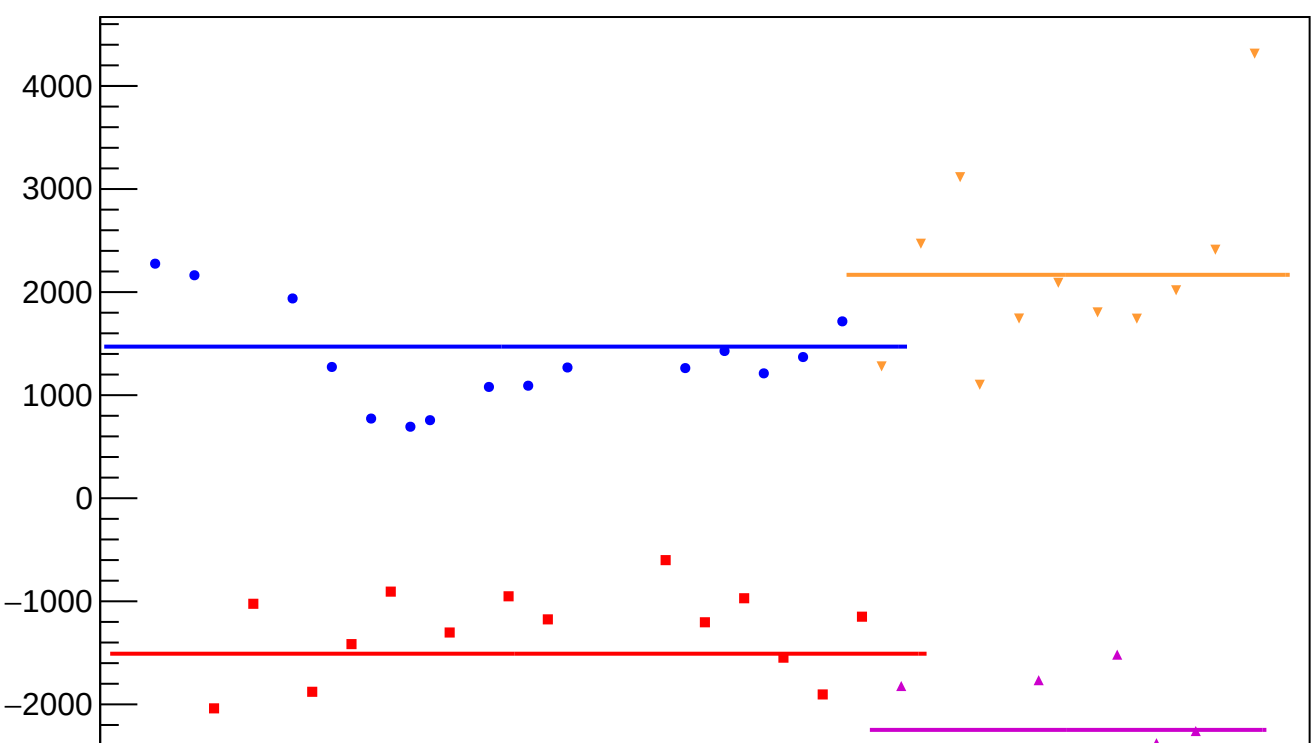
All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_atl2_coil4_mean vs Slug, Sign Corrected



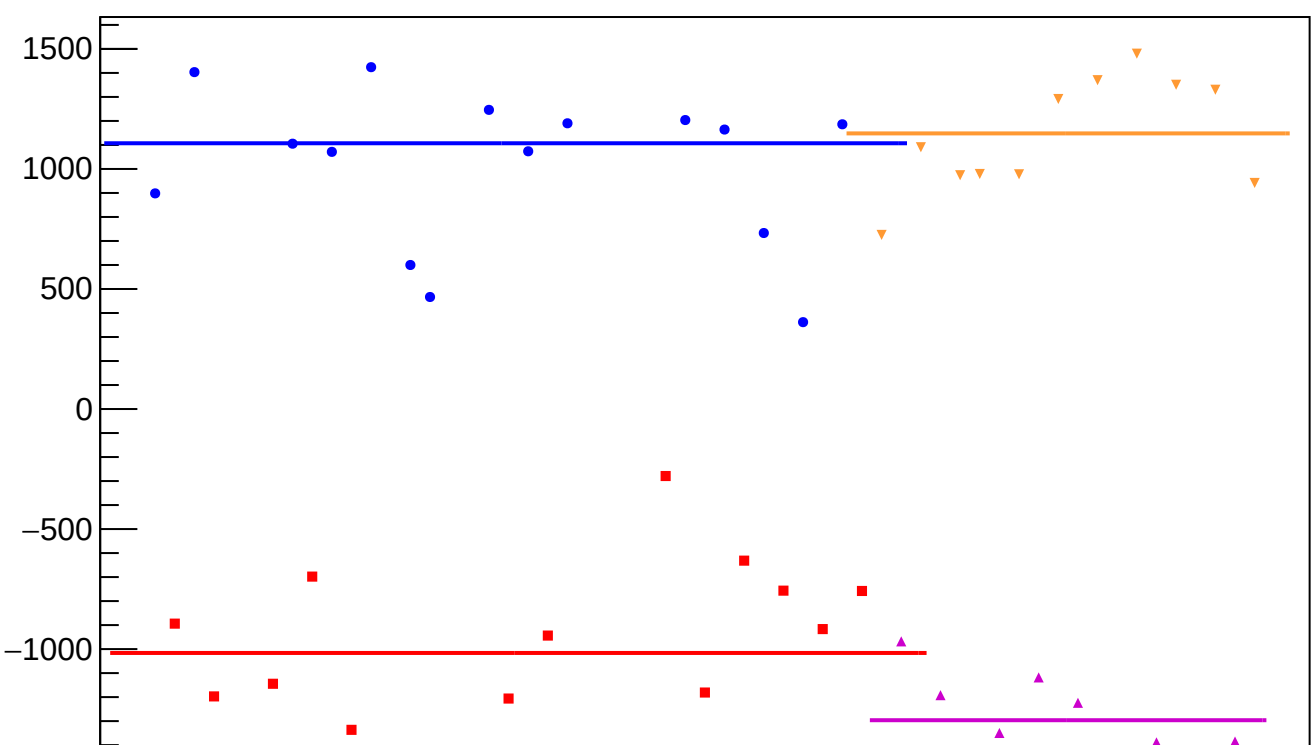
Left: -1298.138+/-0.000 χ^2/NDF: 15578750478012
Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14
Right: 137.211+/-0.000 χ^2/NDF: 809207355903527
Left Out: 27858.168+/-0.000 χ^2/NDF:628665432652870806778477402087803941027 84.0/10
In: -6650.924+/-0.000 χ^2/NDF:119599729714142
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15
Out: 5004.502+/-0.000 χ^2/NDF:107342359081410
Left In: -33032.634+/-0.000 χ^2/NDF:9039882662644689392172611039719539605504.0/8
All: -651.690+/-0.000 χ^2/NDF: 23685725744

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Left: 53.537+/-0.000 χ^2/NDF: 8549034089565846
Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14
Right: -39.055+/-0.000 χ^2/NDF: 330947344548199
Left Out: 2167.679+/-0.000 χ^2/NDF:5970079412783217063060023109839969320 96.0/10
In: -545.576+/-0.000 χ^2/NDF:514532124223001
Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156136 96.0/15
Out: 537.374+/-0.000 χ^2/NDF:586341180150629
Left In: -2247.552+/-0.000 χ^2/NDF:1391083648789015613628254859882487500 8.0/8
All: 11.836+/-0.000 χ^2/NDF: 118647085363

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

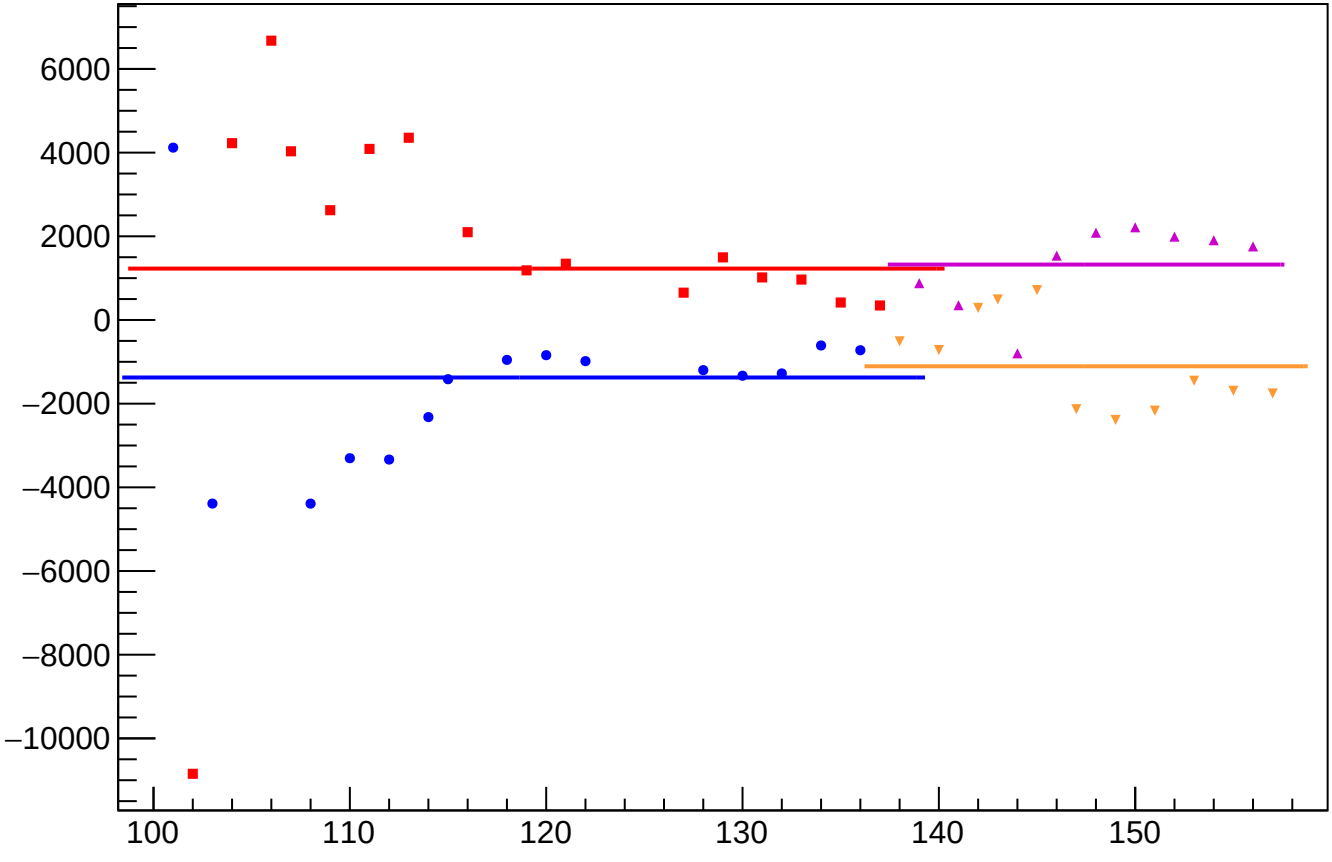
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

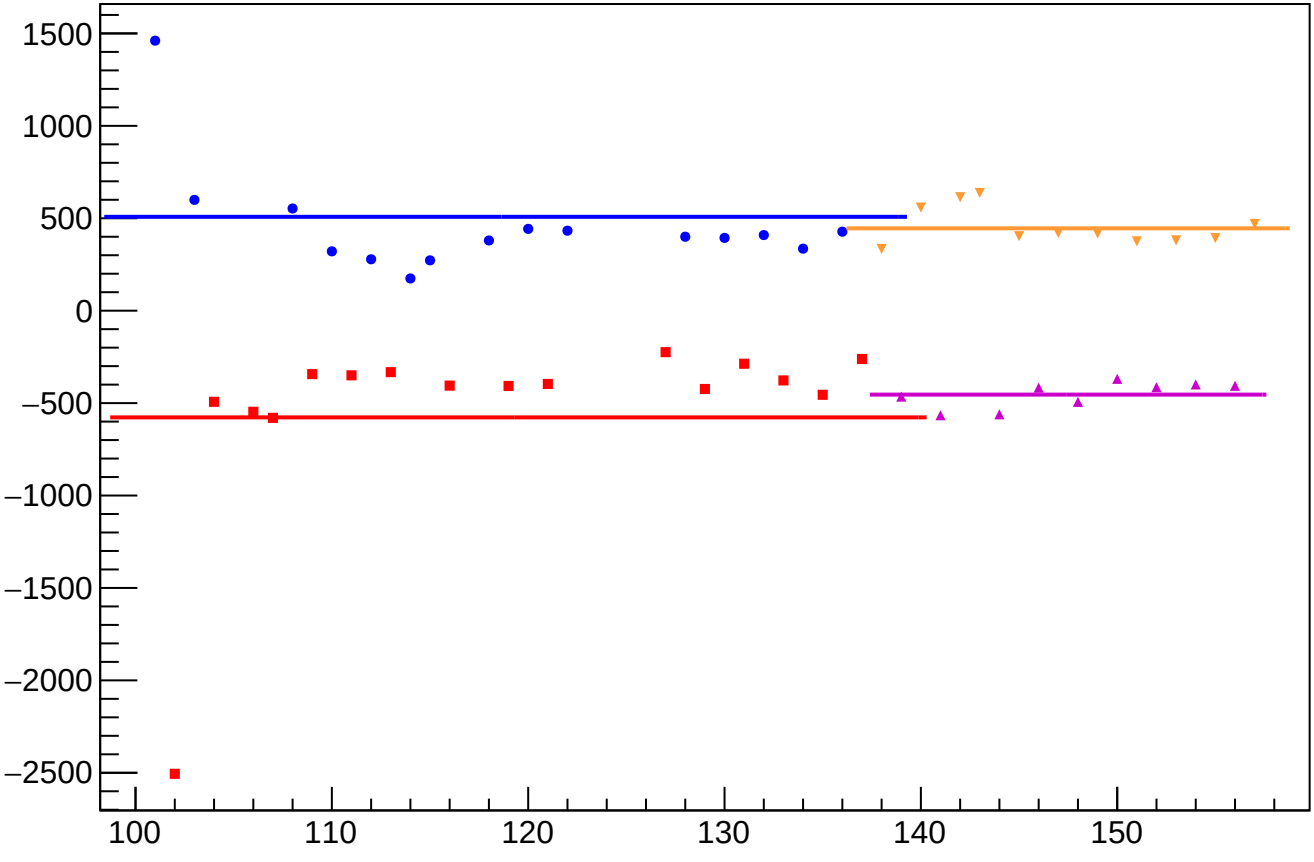
All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 57.511+/-0.000 χ^2/NDF: 4021457849571726
Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14
Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579
Left Out: -1106.597+/-0.000 χ^2/NDF:9472040544596798638861135104437754265 60.0/10
In: 89.230+/-0.000 χ^2/NDF:6342237465604445 47
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15
Out: -71.294+/-0.000 χ^2/NDF:1408545484097219
Left In: 1324.558+/-0.000 χ^2/NDF:7054362531491790503316475847116429721 60.0/8
All: 6.606+/-0.000 χ^2/NDF: 2044649953331 8

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 14.807+/-0.000 χ^2/NDF: 3349788247112413

Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Right: -42.141+/-0.000 χ^2/NDF: 692705775128653

Left Out: 445.577+/-0.000 χ^2/NDF:703590568861378398983667351976044 1344.0/10

In: -13.821+/-0.000 χ^2/NDF:39334505924943524

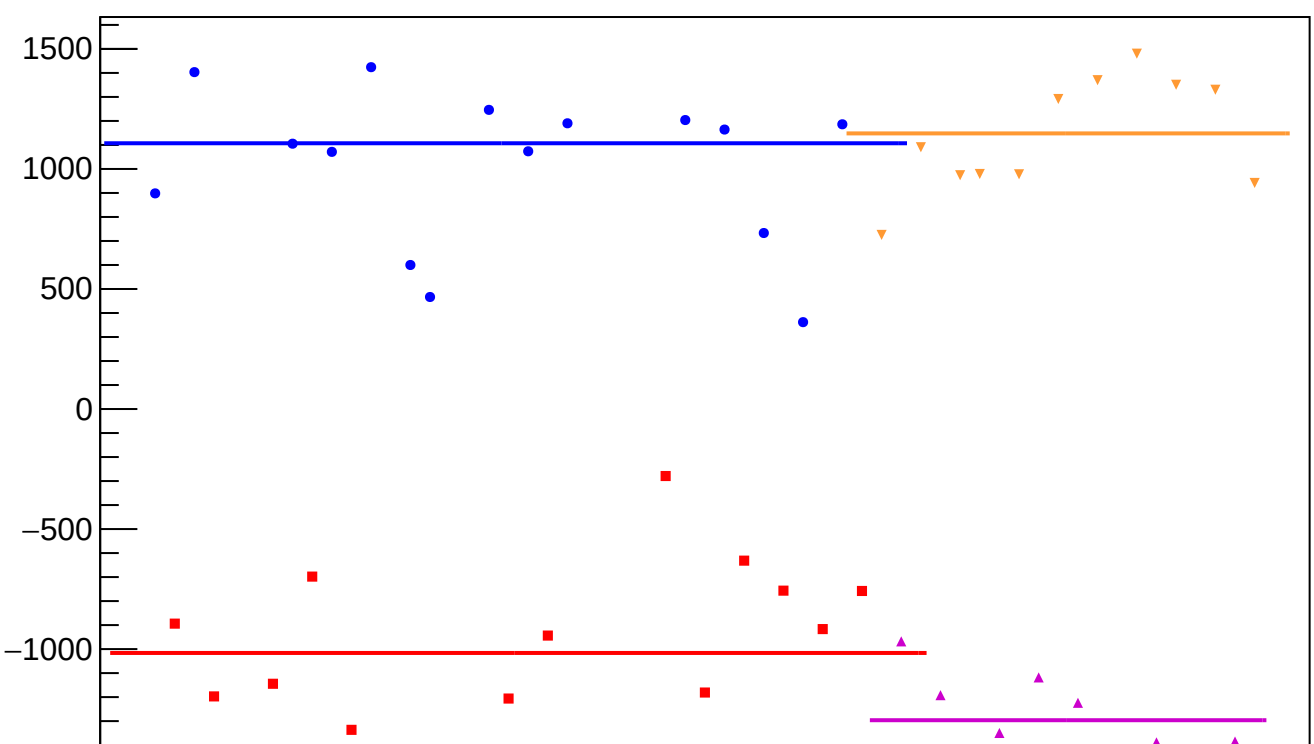
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

Out: -8.031+/-0.000 χ^2/NDF:63666084829987150

Left In: -454.053+/-0.000 χ^2/NDF:357787263157048456185772720387837 1328.0/8

All: -10.841+/-0.000 χ^2/NDF: 103003038111

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

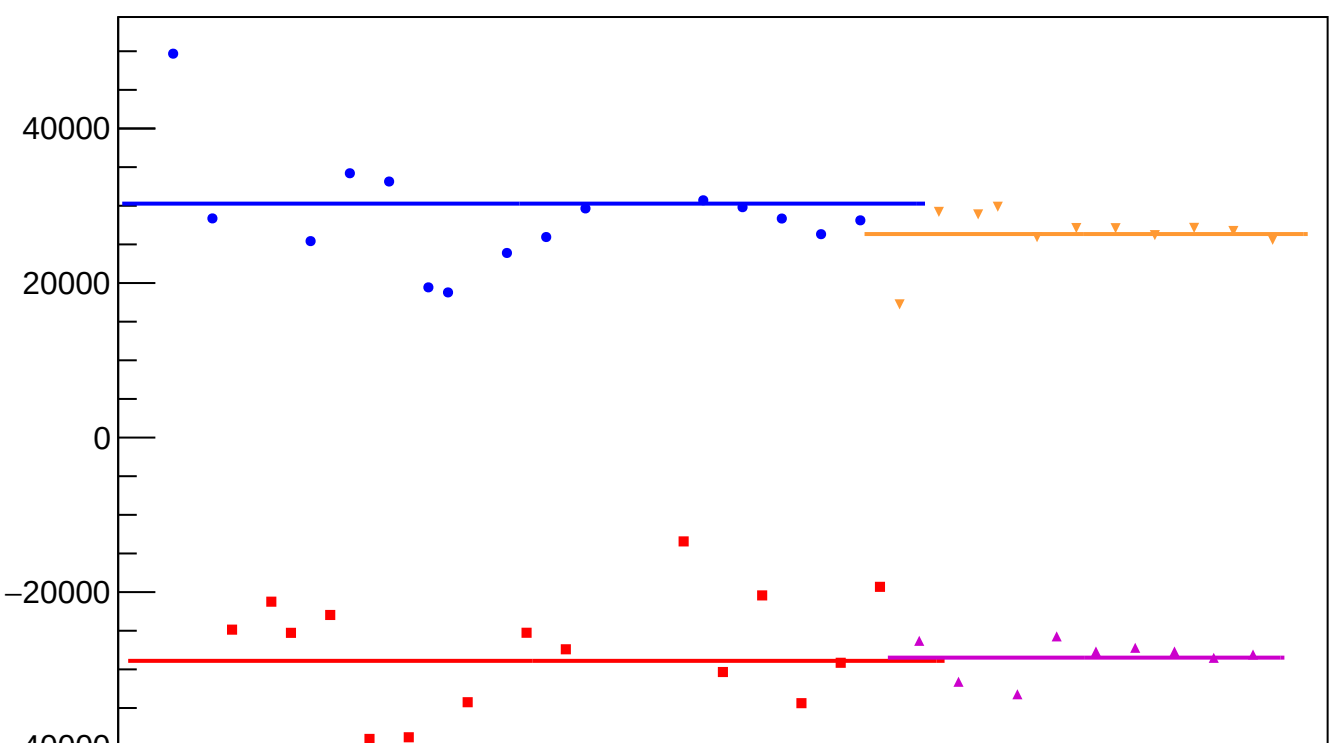
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

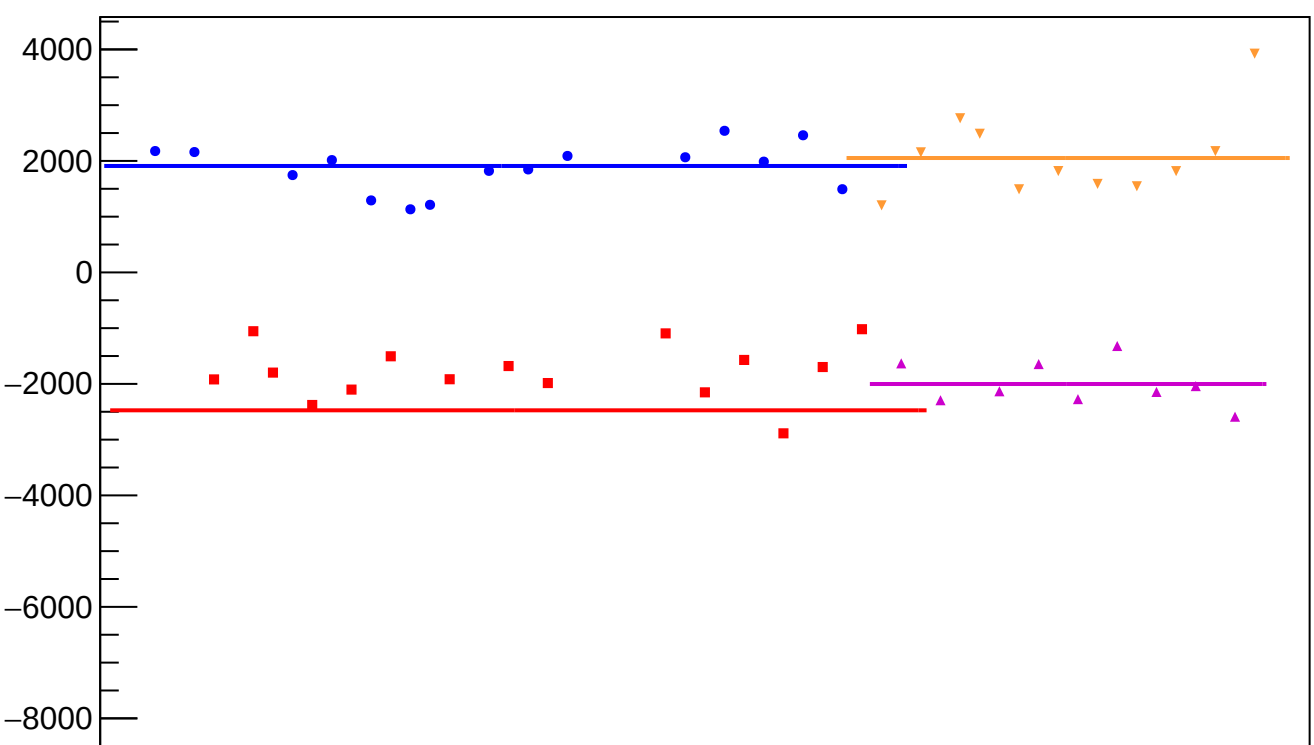
All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_atr2_coil4_mean vs Slug, Sign Corrected



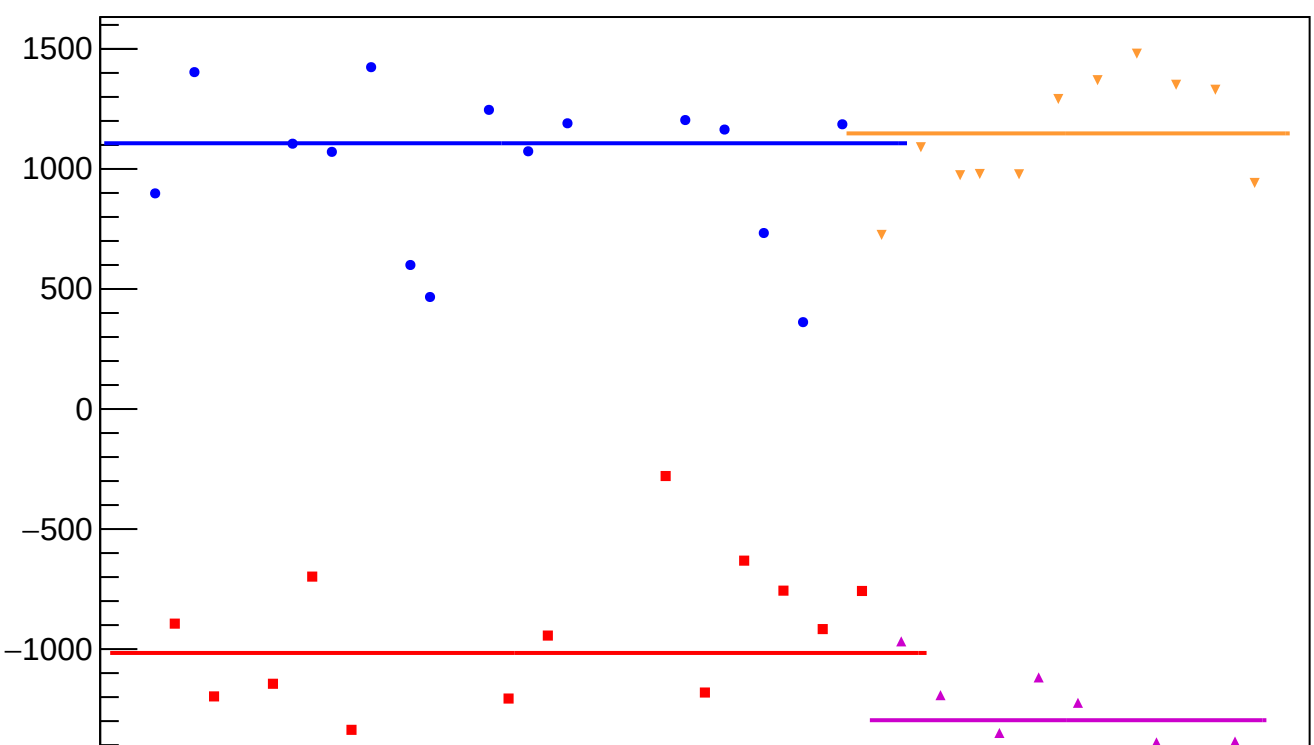
Left: 90.570+/-0.000 χ^2/NDF: 1217133318147063
Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14
Right: 285.980+/-0.000 χ^2/NDF: 12297426590616 7
Left Out: 26341.044+/-0.000 χ^2/NDF:849002397933413214368996857036142123417 6.0/10
In: -1588.015+/-0.000 χ^2/NDF:1250265247089 42
Right Out: -28896.318+/-0.000 χ^2/NDF: 4696950405801035914625056022840971414732 8.0/15
Out: 1844.156+/-0.000 χ^2/NDF:1188040662942 96
Left In: -28481.144+/-0.000 χ^2/NDF:4109499696705546621112261191948291801088.0/8
All: 178.578+/-0.000 χ^2/NDF: 24469035968 2

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 110.940+/-0.000 χ^2/NDF: 7139088181332962
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2052.166+/-0.000 χ^2/NDF:4436286838890293169039930925778489835 52.0/10
In: -211.757+/-0.000 χ^2/NDF:5580561065442270
Right Out: -2473.977+/-0.000 χ^2/NDF: 3033908025746418121738753286600386412544.0/15
Out: 44.894+/-0.000 χ^2/NDF:11081852055900815
Left In: -2001.943+/-0.000 χ^2/NDF:1083165406095693075753271749890801664 00.0/8
All: -79.655+/-0.000 χ^2/NDF: 16710489187 4

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

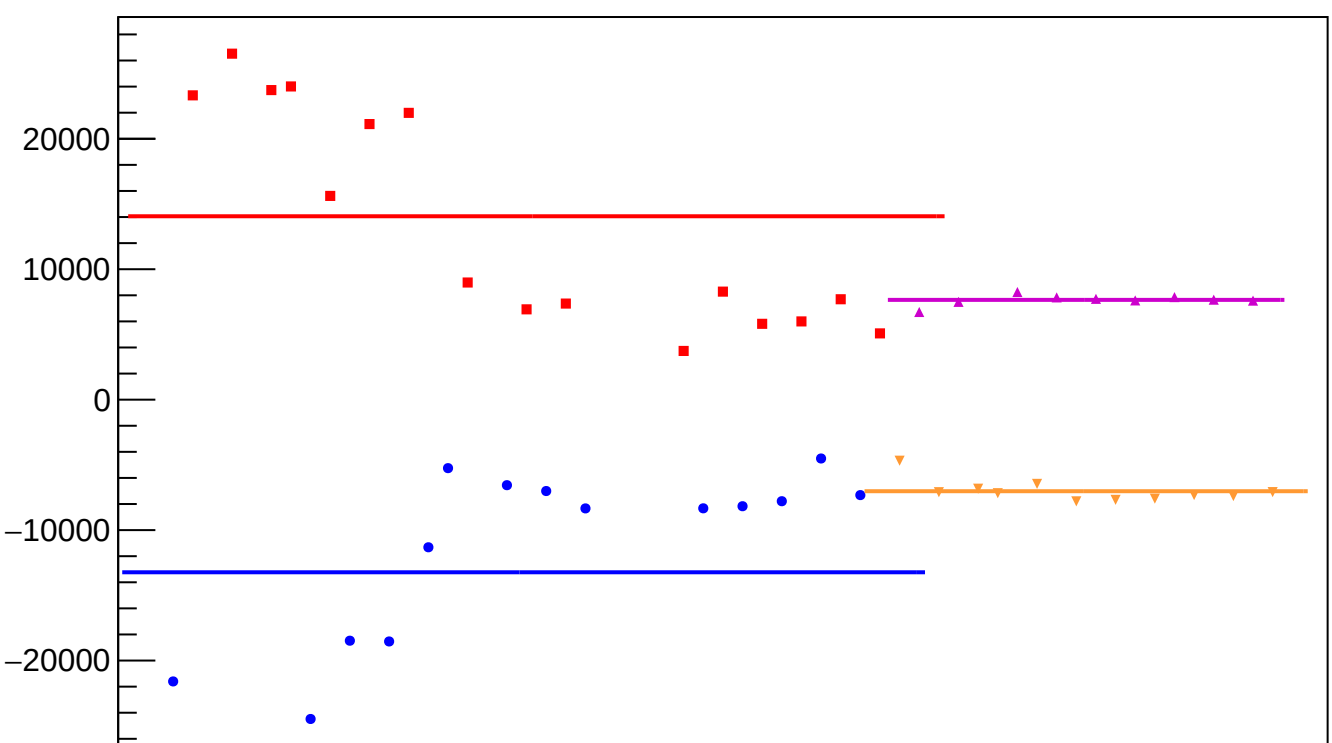
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 5.270+/-0.000 χ^2/NDF: 8692443207356904 47

Right In: -13233.367+/-0.000 χ^2/NDF: 4125704383621304336759686655949964050432 0.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7018.232+/-0.000 χ^2/NDF:583573452741263724534466022300956229632.0/10

In: -1908.132+/-0.000 χ^2/NDF:194862311263640

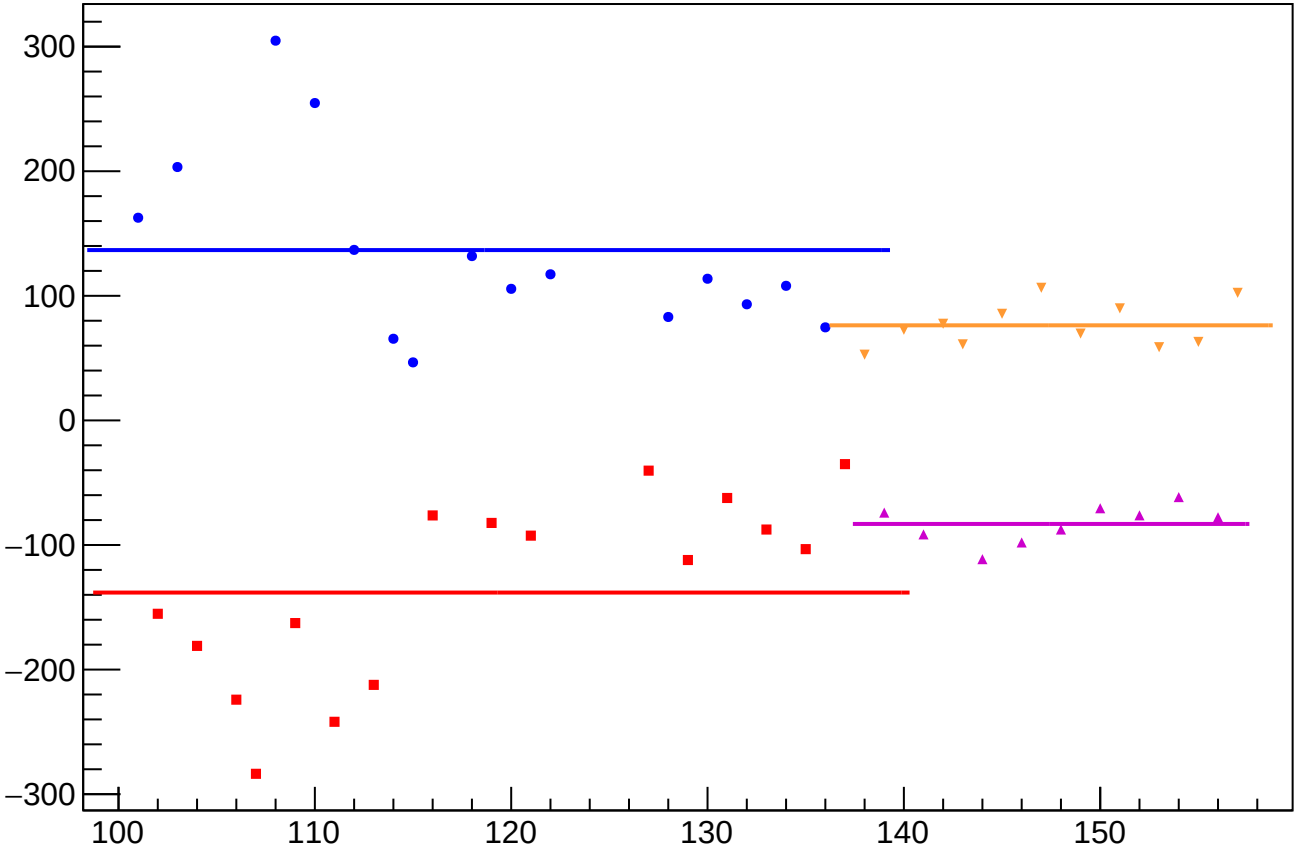
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 2329.673+/-0.000 χ^2/NDF:209995208788591

Left In: 7649.837+/-0.000 χ^2/NDF:112103640128969923414808732021976727552.0/8

All: 273.134+/-0.000 χ^2/NDF: 41796519892 1

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -0.020+/-0.000 χ^2/NDF: 10602292029897714

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 76.317+/-0.000 χ^2/NDF:2498807244995016670032064818614108 16.0/10

In: 17.500+/-0.000 χ^2/NDF:19859905946347153

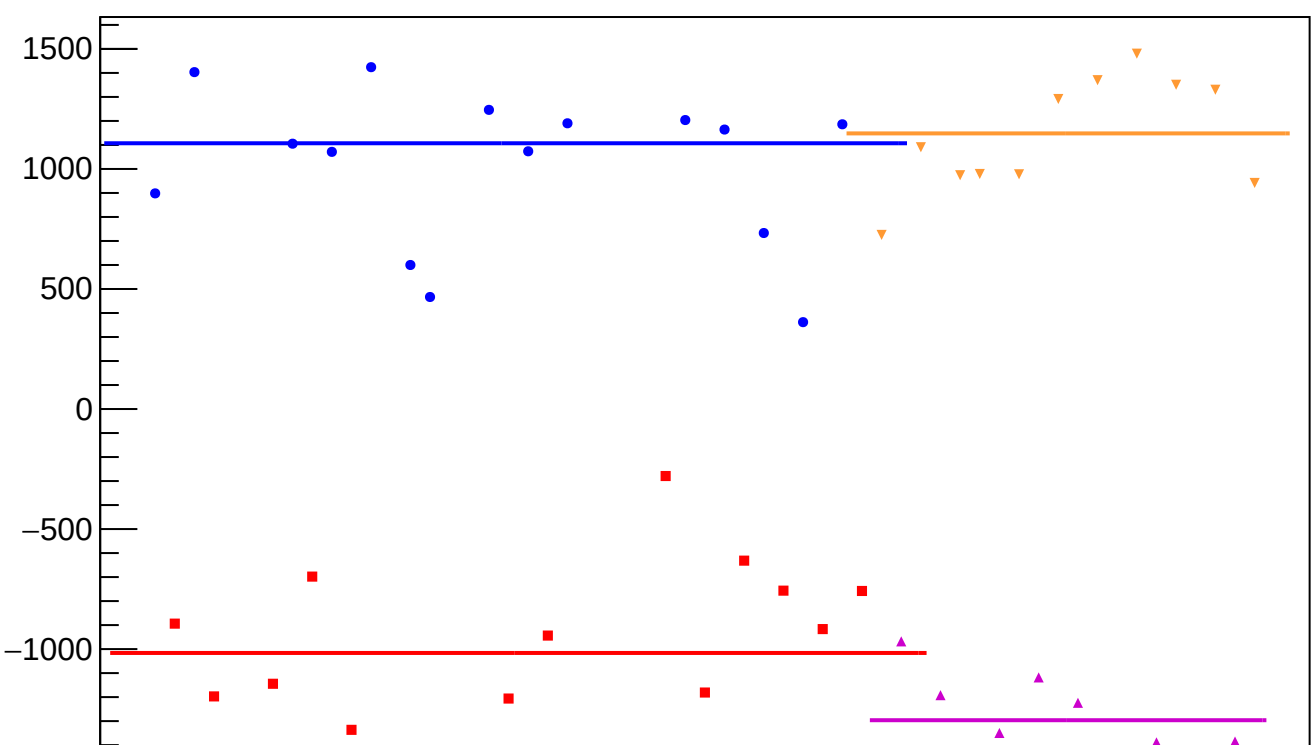
Right Out: -138.179+/-0.000 χ^2/NDF: 32308833528786363346416135618984673 28.0/15

Out: -18.808+/-0.000 χ^2/NDF:2055905695617809

Left In: -83.108+/-0.000 χ^2/NDF:1660498683723768380708032241373020 16.0/8

All: -1.188+/-0.000 χ^2/NDF: 4138116703669

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

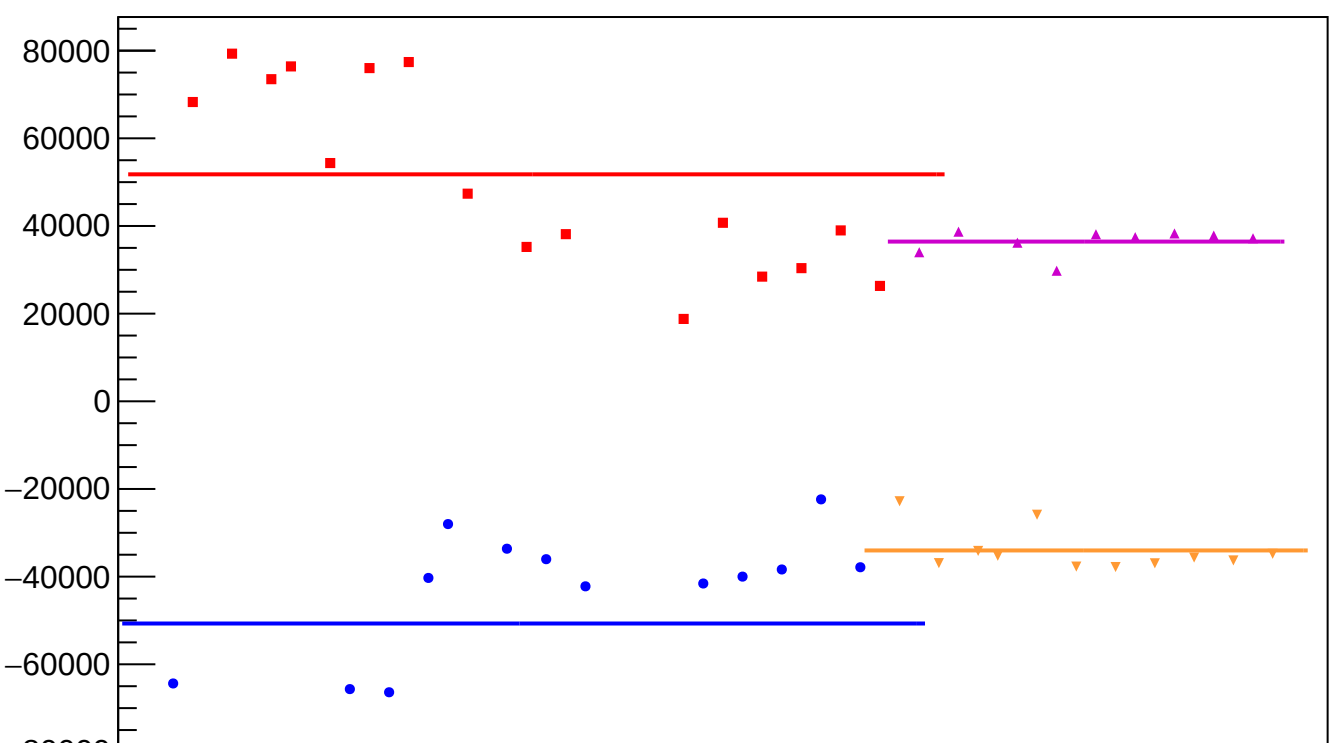
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: -285.669+/-0.000 χ^2/NDF: 201504397209950

Right In: -50695.424+/-0.000 χ^2/NDF: 226613585253908576683077761132188355526656.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -34026.498+/-0.000 χ^2/NDF:195963199502649739835400811074225155604 48.0/10

In: -3441.422+/-0.000 χ^2/NDF:290426451979798

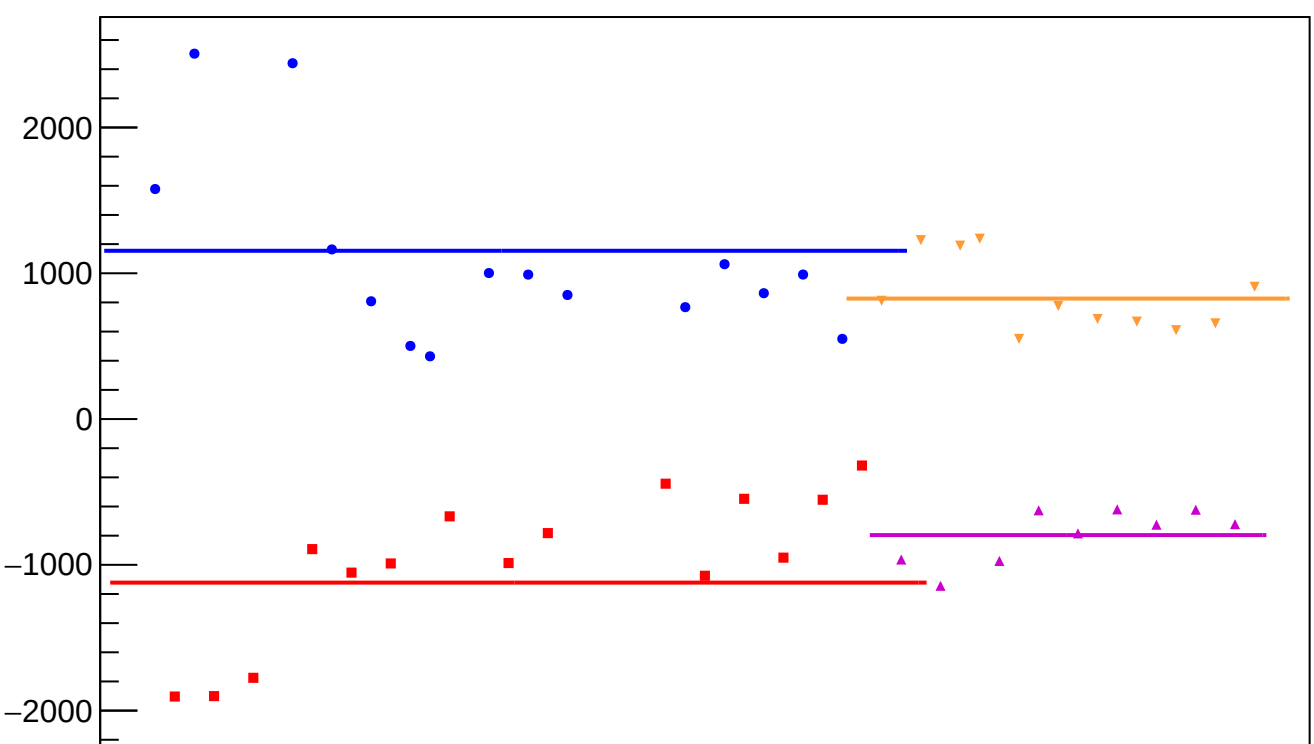
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 4029.049+/-0.000 χ^2/NDF:303466146776051

Left In: 36438.744+/-0.000 χ^2/NDF:543354782937136609002165989081566989516 8.0/8

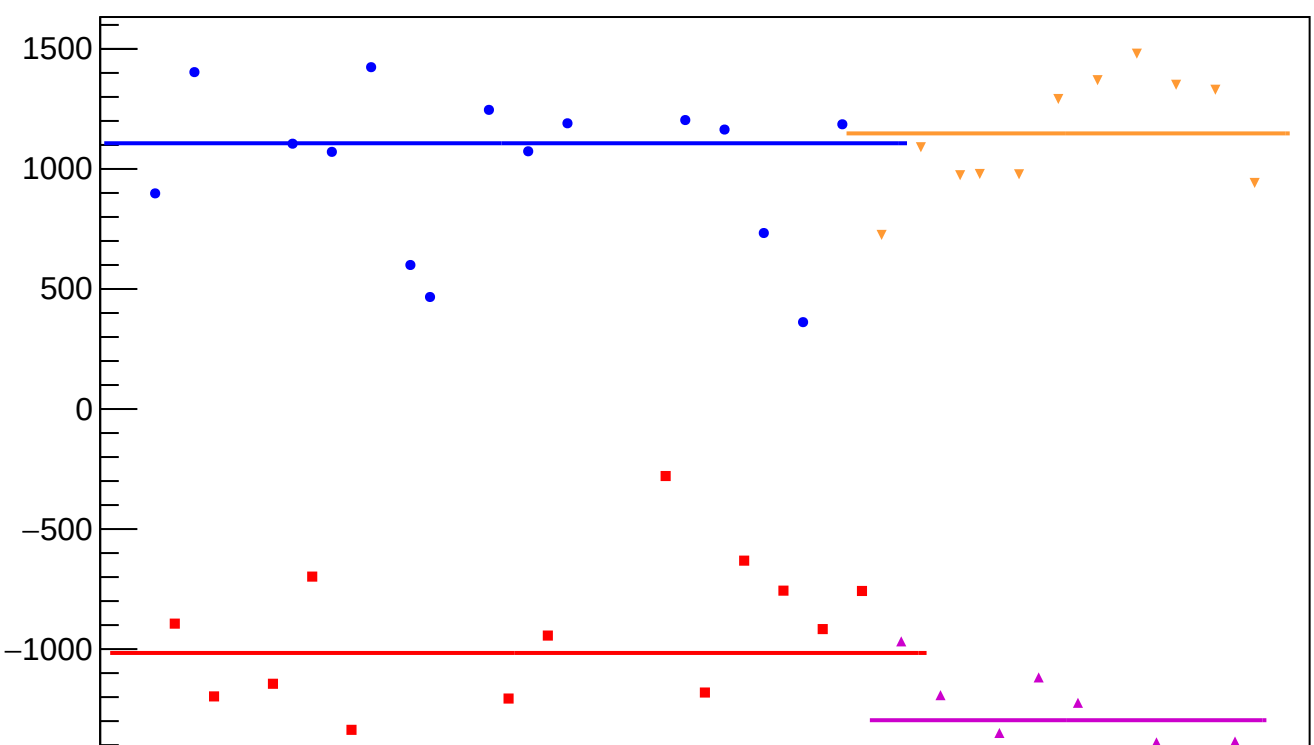
All: 403.749+/-0.000 χ^2/NDF: 597965837495

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 49.569+/-0.000 χ^2/NDF: 1126504347322417
Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946637312 00.0/14
Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3
Left Out: 826.442+/-0.000 χ^2/NDF:4734299322821498320012295073135853568 0.0/10
In: 96.641+/-0.000 χ^2/NDF:1612237200087833 06
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15
Out: -37.632+/-0.000 χ^2/NDF:168262623201160 5
Left In: -796.000+/-0.000 χ^2/NDF:2417959353415768981384083174891244748 8.0/8
All: 27.528+/-0.000 χ^2/NDF: 3308022229150

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

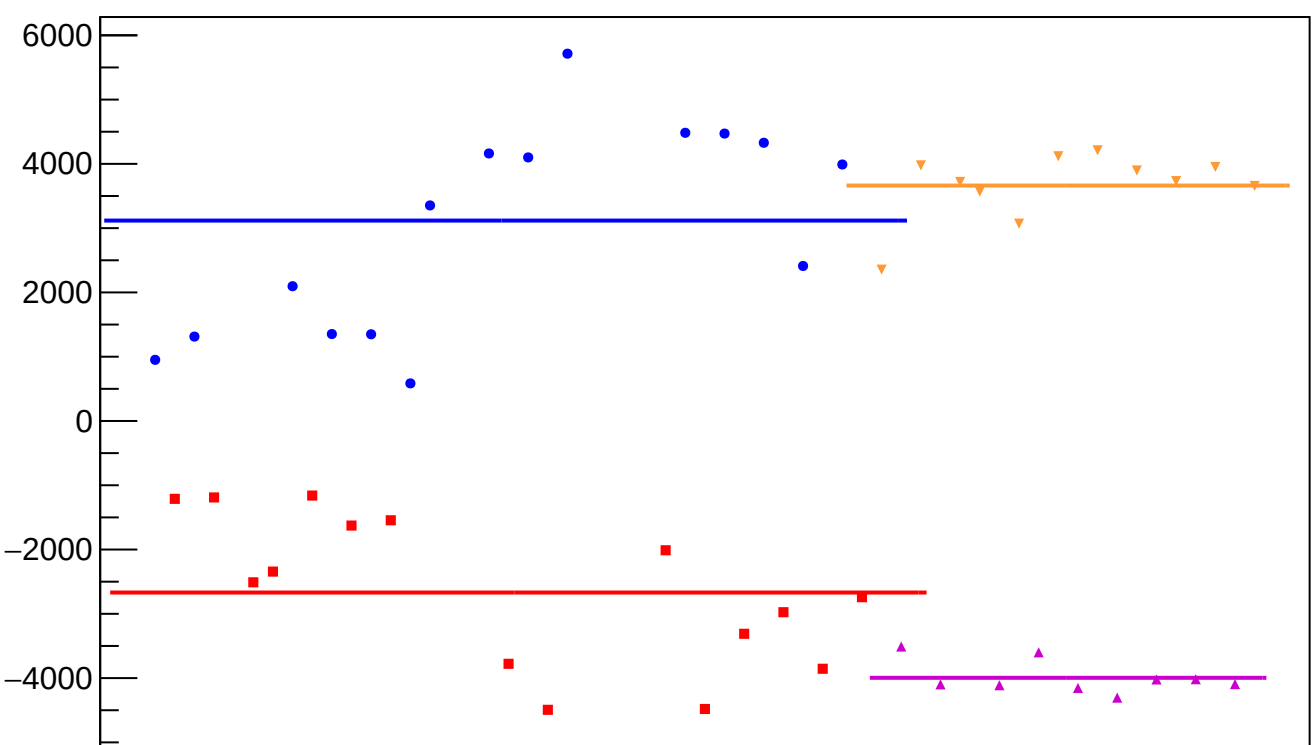
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -4.223+/-0.000 χ^2/NDF: 23774648025283157

Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14

Right: 184.985+/-0.000 χ^2/NDF: 137039743554262

Left Out: 3662.761+/-0.000 χ^2/NDF:223569287264370327313144562205157490688.0/10

In: -739.765+/-0.000 χ^2/NDF:1940798088678324

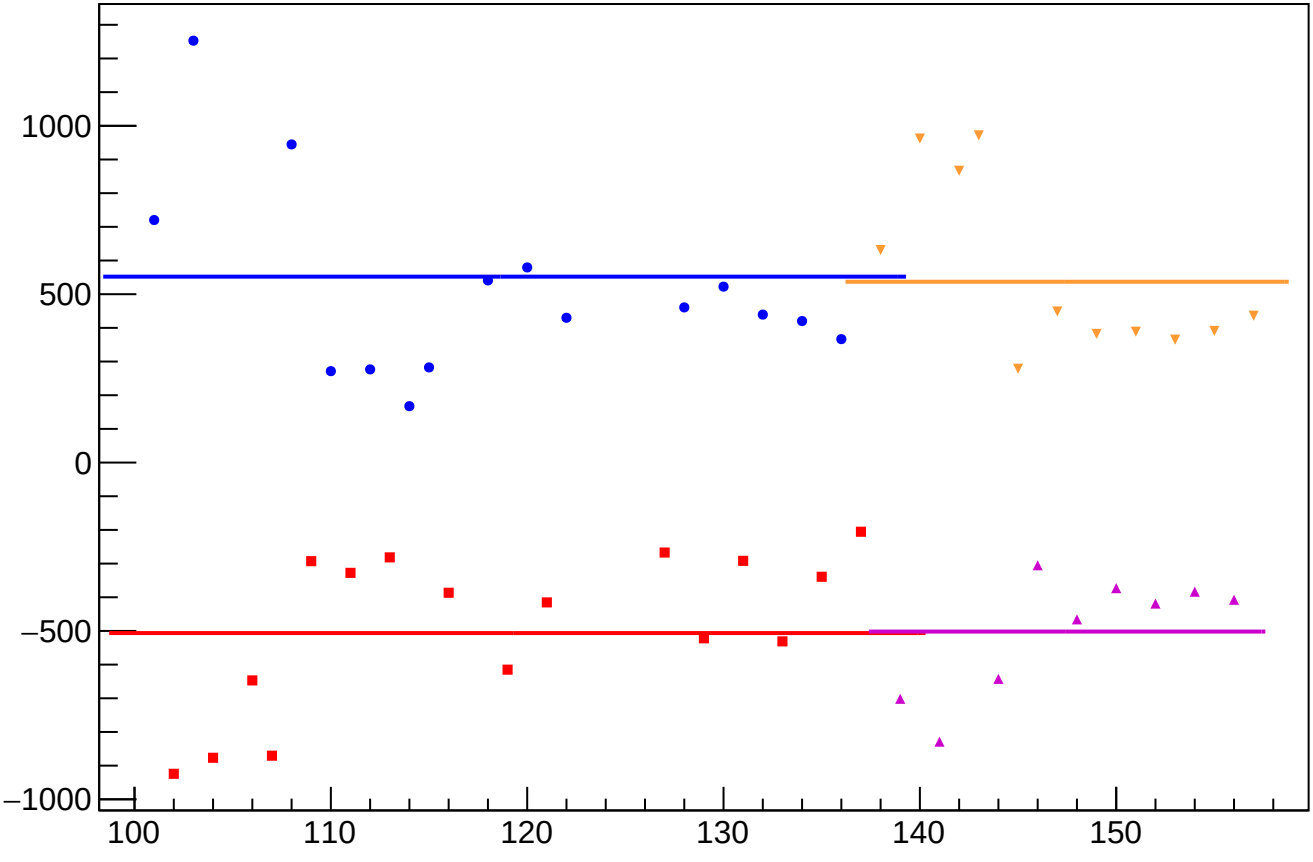
Right Out: -2668.794+/-0.000 χ^2/NDF: 113640628613109859600005442213125711462 4.0/15

Out: 854.817+/-0.000 χ^2/NDF:1624070678895190

Left In: -3995.466+/-0.000 χ^2/NDF:459457292689519165399881172862768250 88.0/8

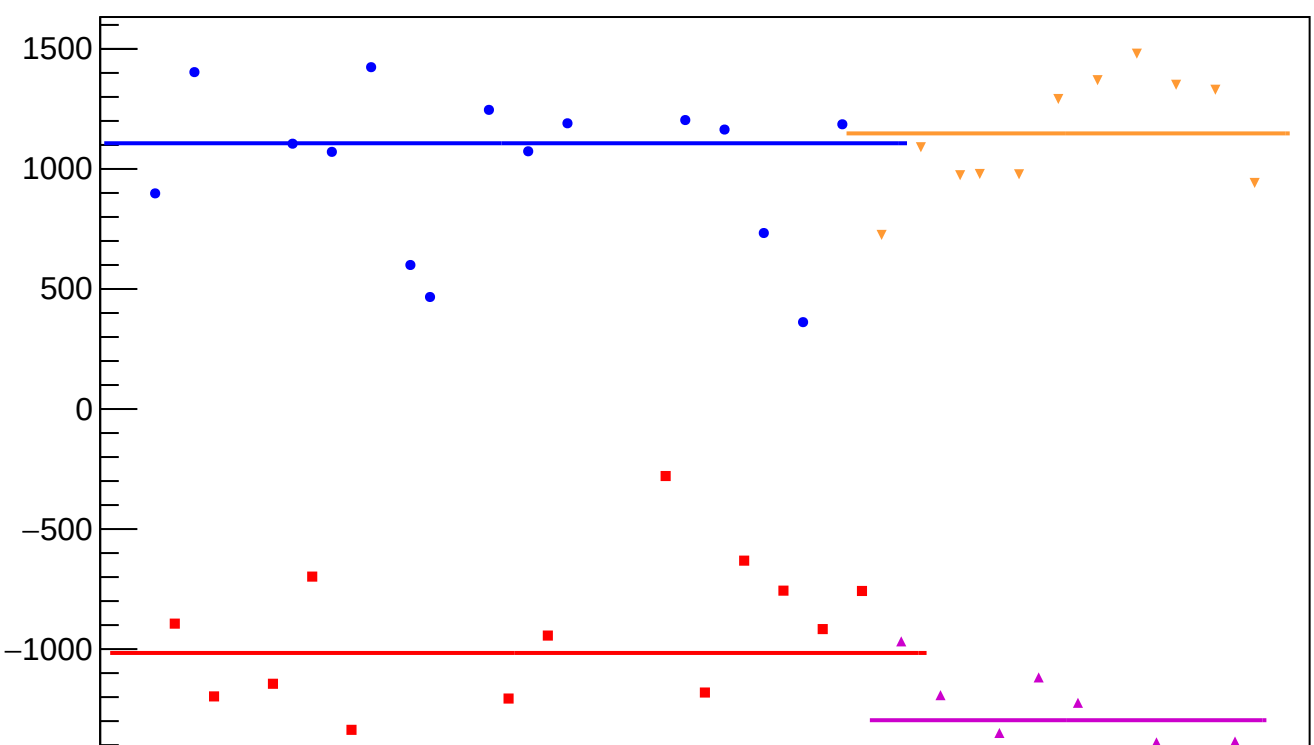
All: 80.992+/-0.000 χ^2/NDF: 3750451644239

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 39.526+/-0.000 χ^2/NDF: 5018617637067032
Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14
Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982
Left Out: 536.935+/-0.000 χ^2/NDF:4791040996228908968482845598205083648 0.0/10
In: -19.477+/-0.000 χ^2/NDF:4631850637826893 7
Right Out: -506.345+/-0.000 χ^2/NDF: 3718165329731488350165913180601057280 0.0/15
Out: 74.257+/-0.000 χ^2/NDF:4891148131553562 3
Left In: -501.868+/-0.000 χ^2/NDF:2146404774765100770040493462796632064 0.0/8
All: 28.769+/-0.000 χ^2/NDF: 958712569792 5

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

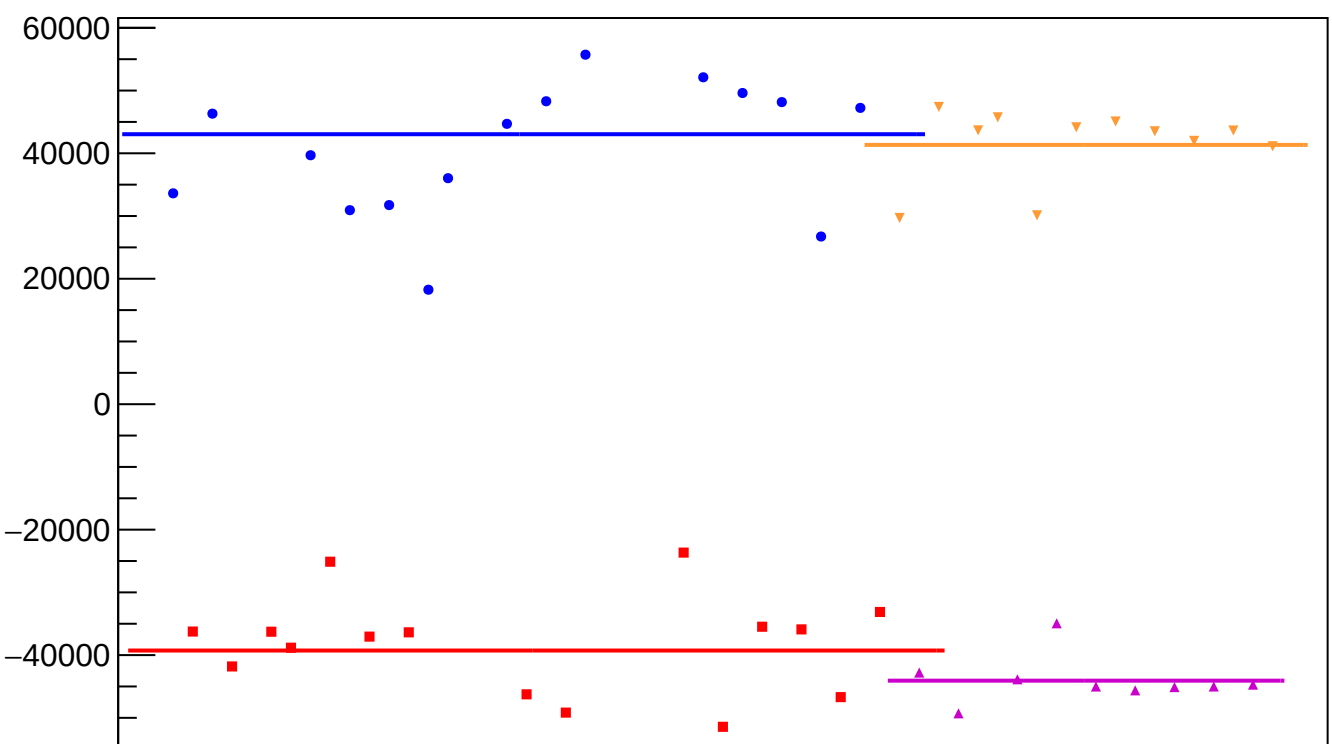
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

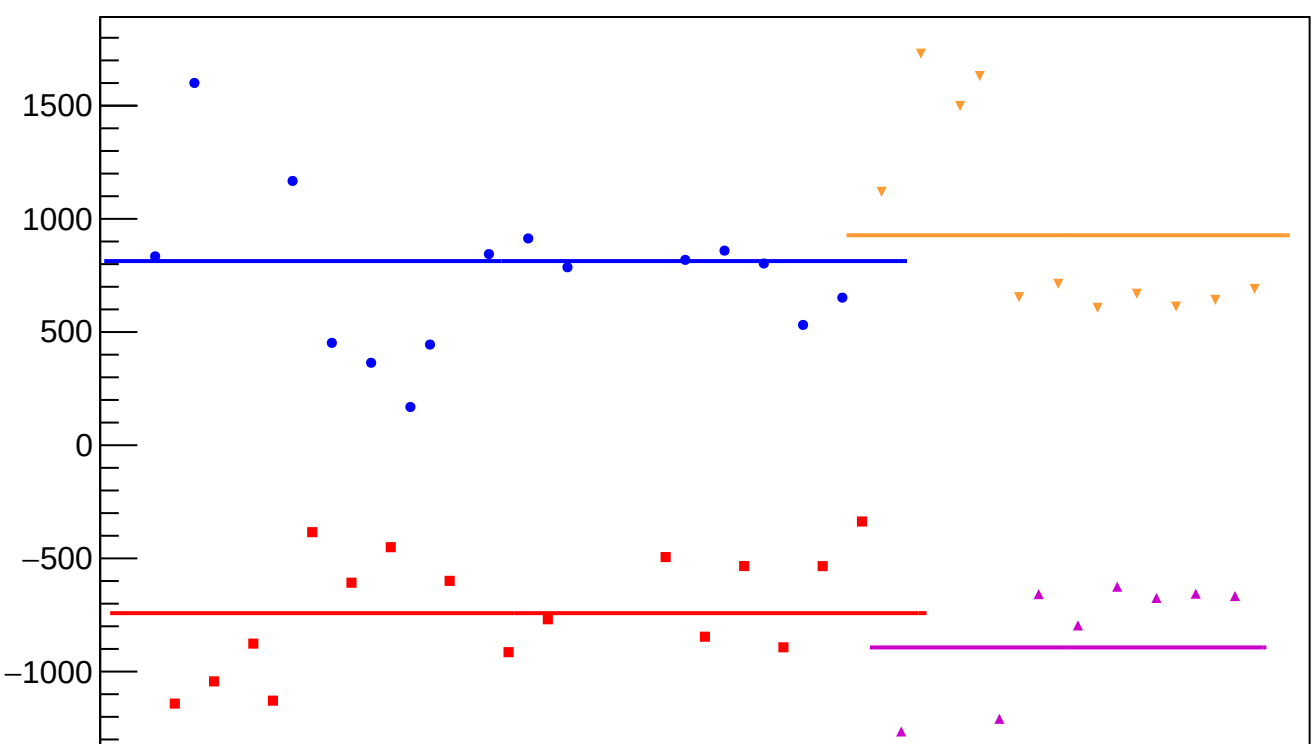
All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_sam4_coil4_mean vs Slug, Sign Corrected



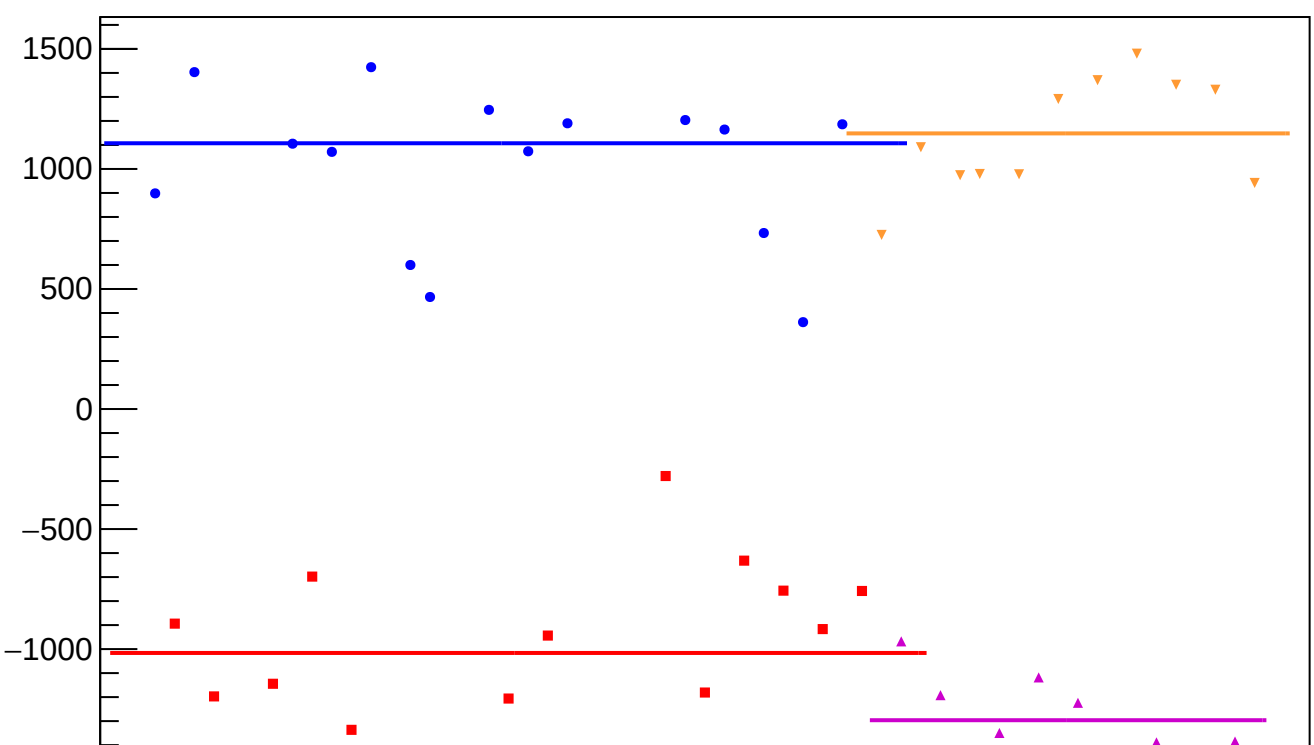
Left: 439.728+/-0.000 χ^2/NDF: 2961634944901872
Right In: 43039.927+/-0.000 χ^2/NDF: 483970529225617226526667864075521795031 04.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41337.737+/-0.000 χ^2/NDF:27949765471340929093467611097003408228352.0/10
In: -4203.505+/-0.000 χ^2/NDF:272929528308245
Right Out: -39269.627+/-0.000 χ^2/NDF: 5187303651775766623754571660505158516736 0.0/15
Out: 5589.658+/-0.000 χ^2/NDF:249168723626852
Left In: -44074.750+/-0.000 χ^2/NDF:98762344000652436148332939581859582443 52.0/8
All: 837.192+/-0.000 χ^2/NDF: 52909811856

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 55.696+/-0.000 χ^2/NDF: 1553134470780011
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 927.654+/-0.000 χ^2/NDF:146609762564830177342602743907042197504.0/10
In: -112.155+/-0.000 χ^2/NDF:1170014445857599
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
Out: 187.228+/-0.000 χ^2/NDF:1225373454395531
Left In: -893.365+/-0.000 χ^2/NDF:7749346307660817125693224291483516 9280.0/8
All: 41.942+/-0.000 χ^2/NDF: 2460806326250

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

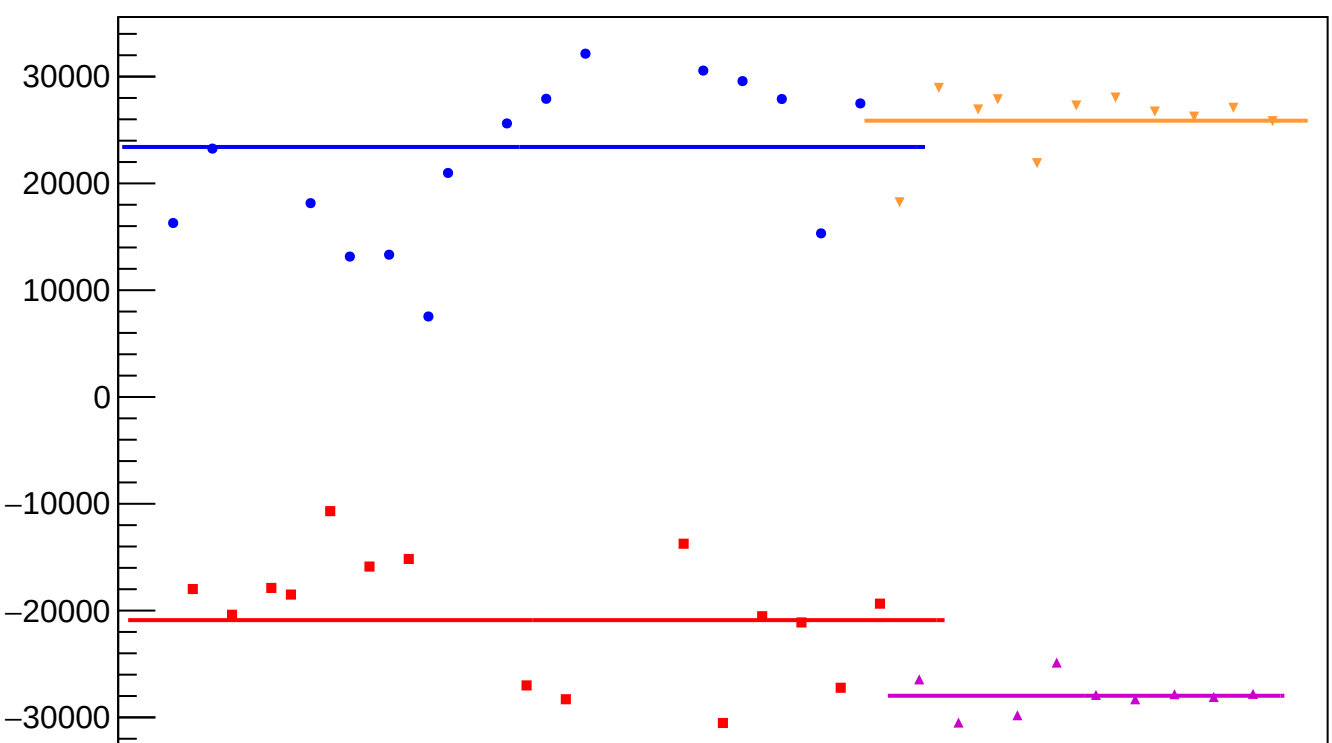
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

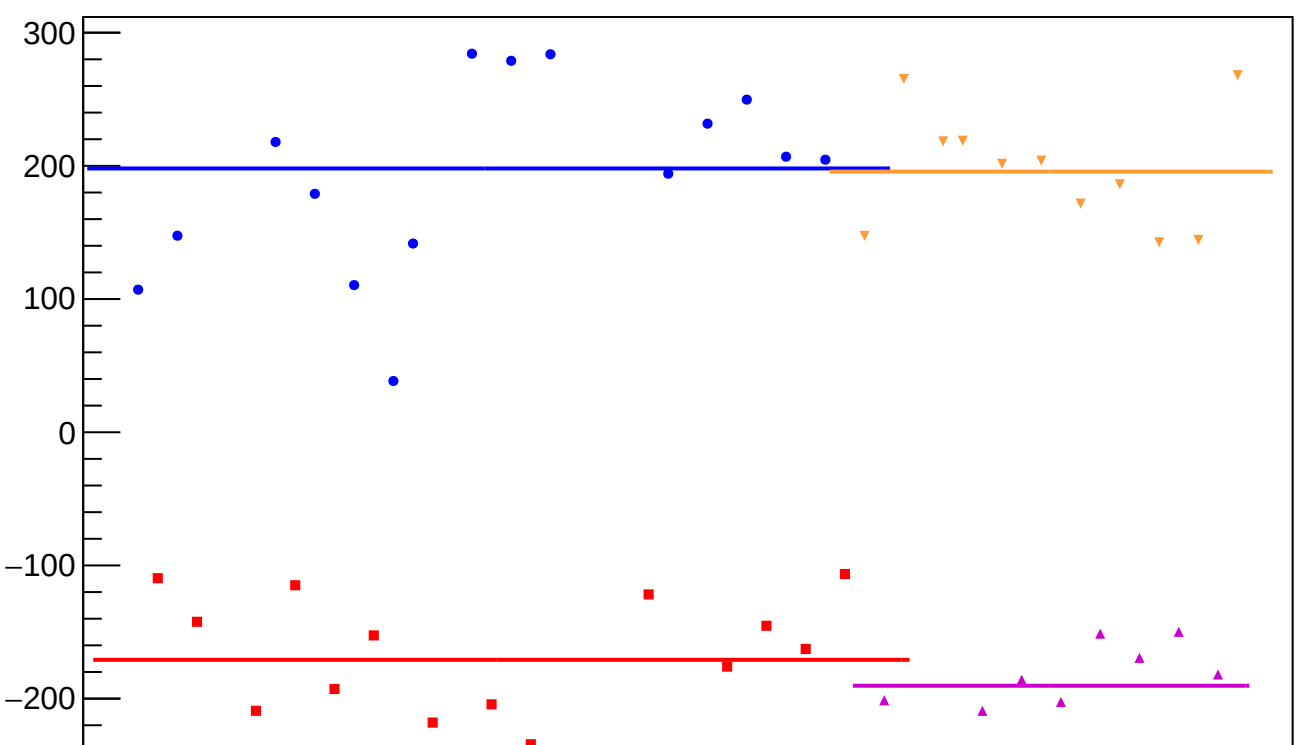
All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: 89.295+/-0.000 χ^2/NDF: 1171607497758227
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 70153888984622
Left Out: 25873.156+/-0.000 χ^2/NDF:7675168257851746583385114467796057587712.0/10
In: -4455.822+/-0.000 χ^2/NDF:959630409315761
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: 5132.615+/-0.000 χ^2/NDF:846956298434883
Left In: -27974.543+/-0.000 χ^2/NDF:184018912553336173525139894249711887974 4.0/8
All: 479.499+/-0.000 χ^2/NDF: 18736893289

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 10.859+/-0.000 χ^2/NDF: 6215891794083644

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 195.693+/-0.000 χ^2/NDF:1566885437638741284909253004932153344.0/10

In: -12.565+/-0.000 χ^2/NDF:5644448958631143

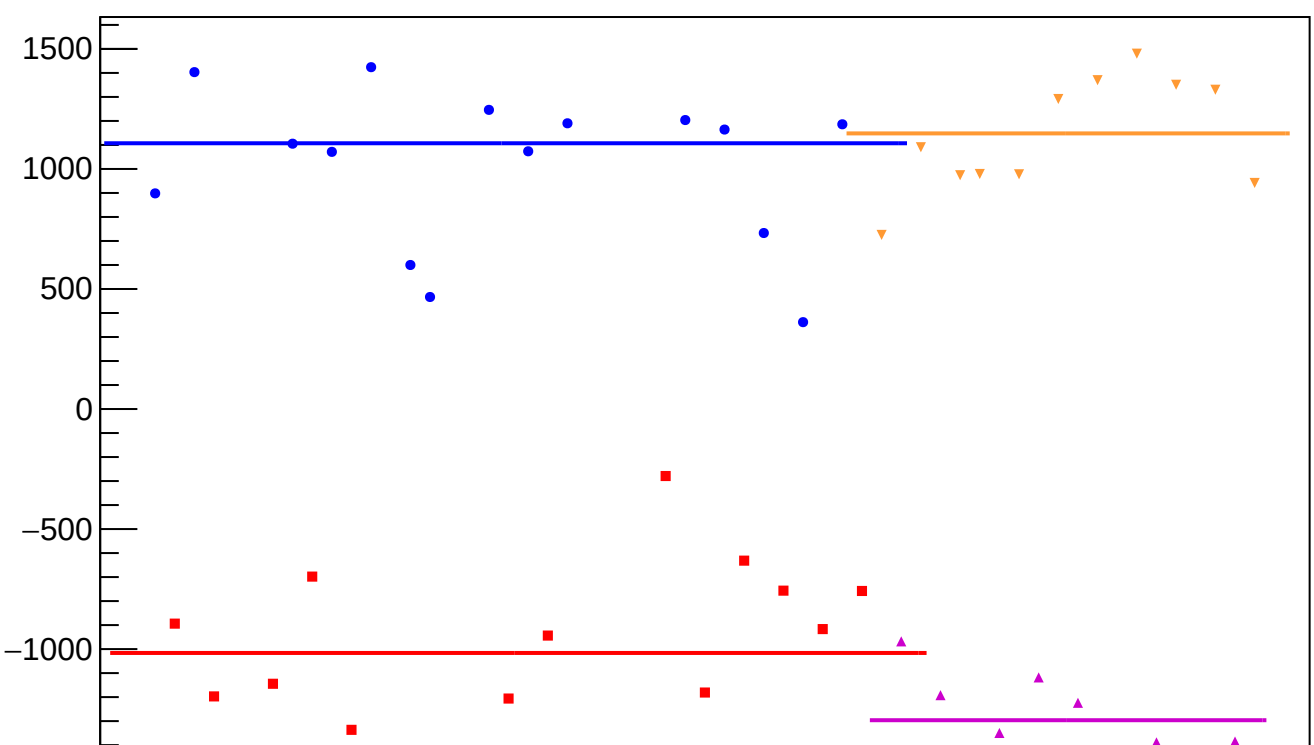
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 33.137+/-0.000 χ^2/NDF:5285732344122055

Left In: -190.319+/-0.000 χ^2/NDF:8735823760205343353354439412185825 28.0/8

All: 10.958+/-0.000 χ^2/NDF: 1108262377356

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

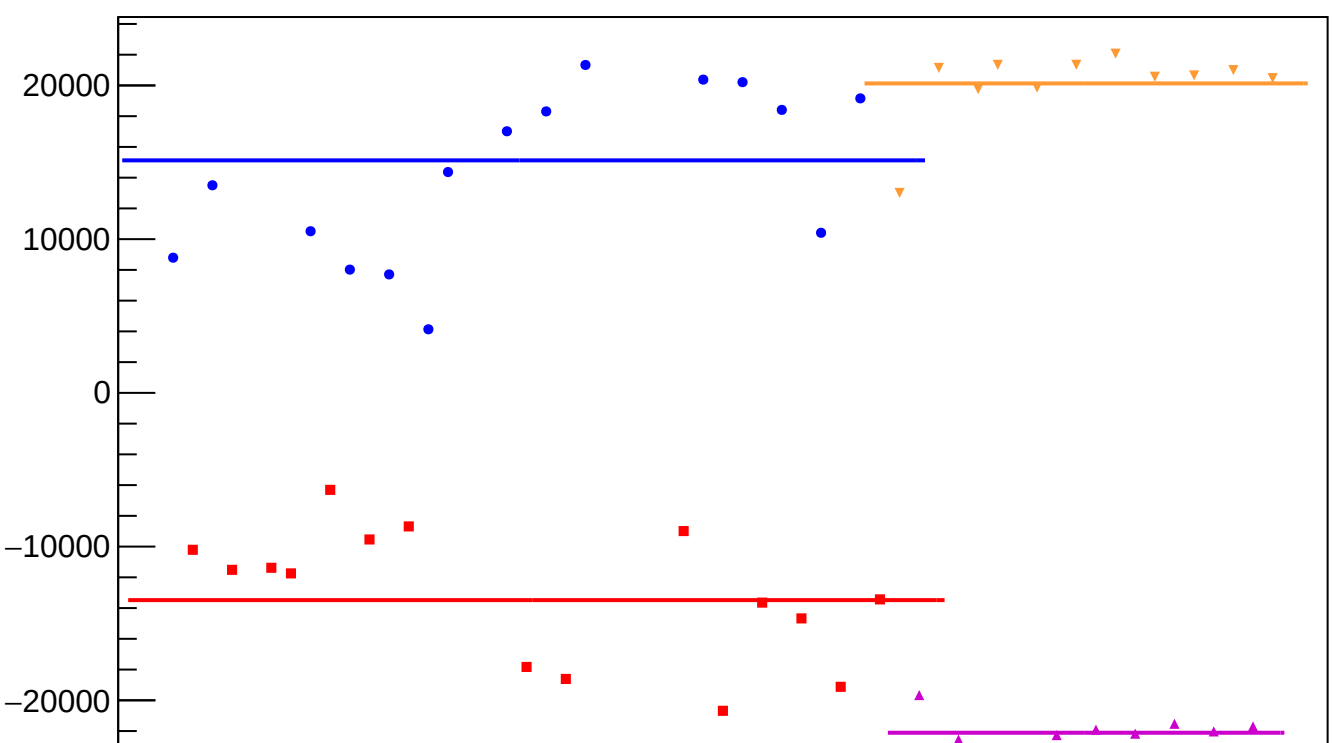
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -95.193+/-0.000 χ^2/NDF: 7211049801322770

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 301736371959472

Left Out: 20131.629+/-0.000 χ^2/NDF:46890380145616012206815977256916594196 48.0/10

In: -5067.974+/-0.000 χ^2/NDF:505889328633844

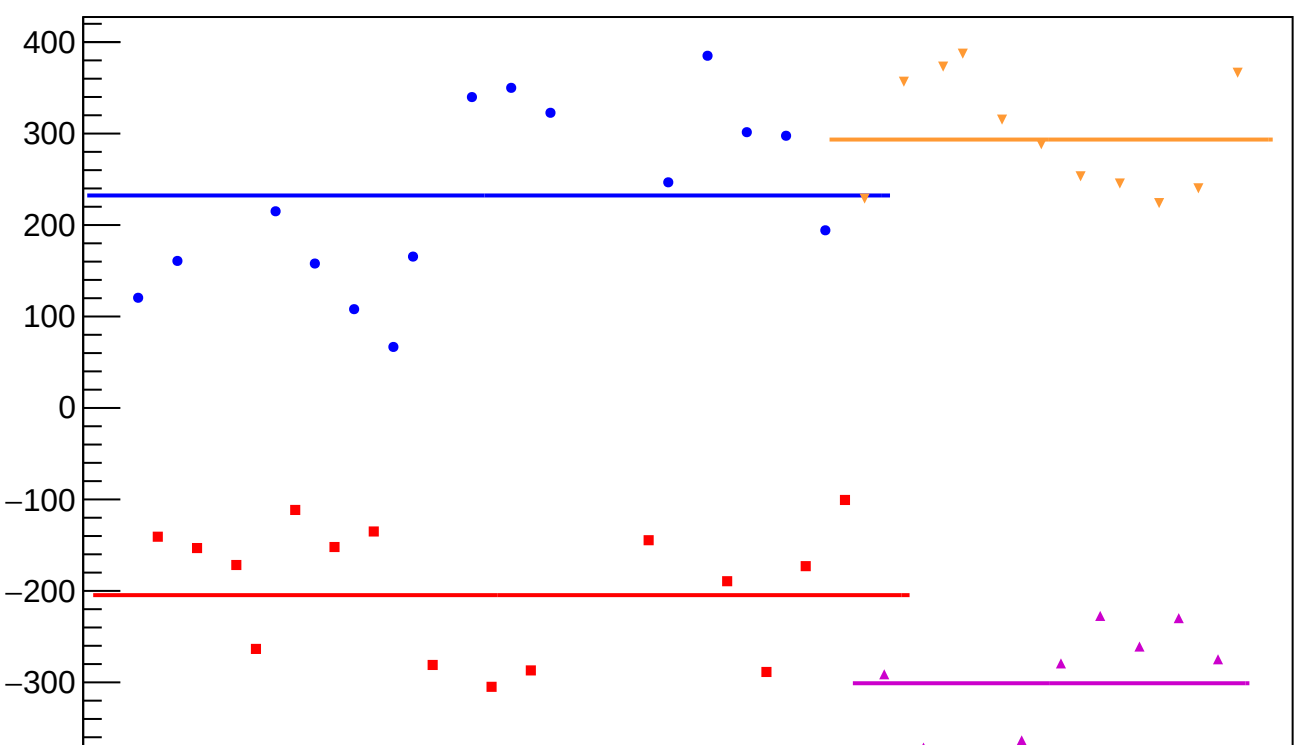
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 5224.413+/-0.000 χ^2/NDF:440011196743611

Left In: -22110.602+/-0.000 χ^2/NDF:1261308992782398646726443908193939619840.0/8

All: 229.682+/-0.000 χ^2/NDF: 10232177096 8

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 8.833+/-0.000 χ^2/NDF: 147631071240070901

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 293.460+/-0.000 χ^2/NDF:2948834676482267745736379514860077056.0/10

In: -56.890+/-0.000 χ^2/NDF:10864088830310690

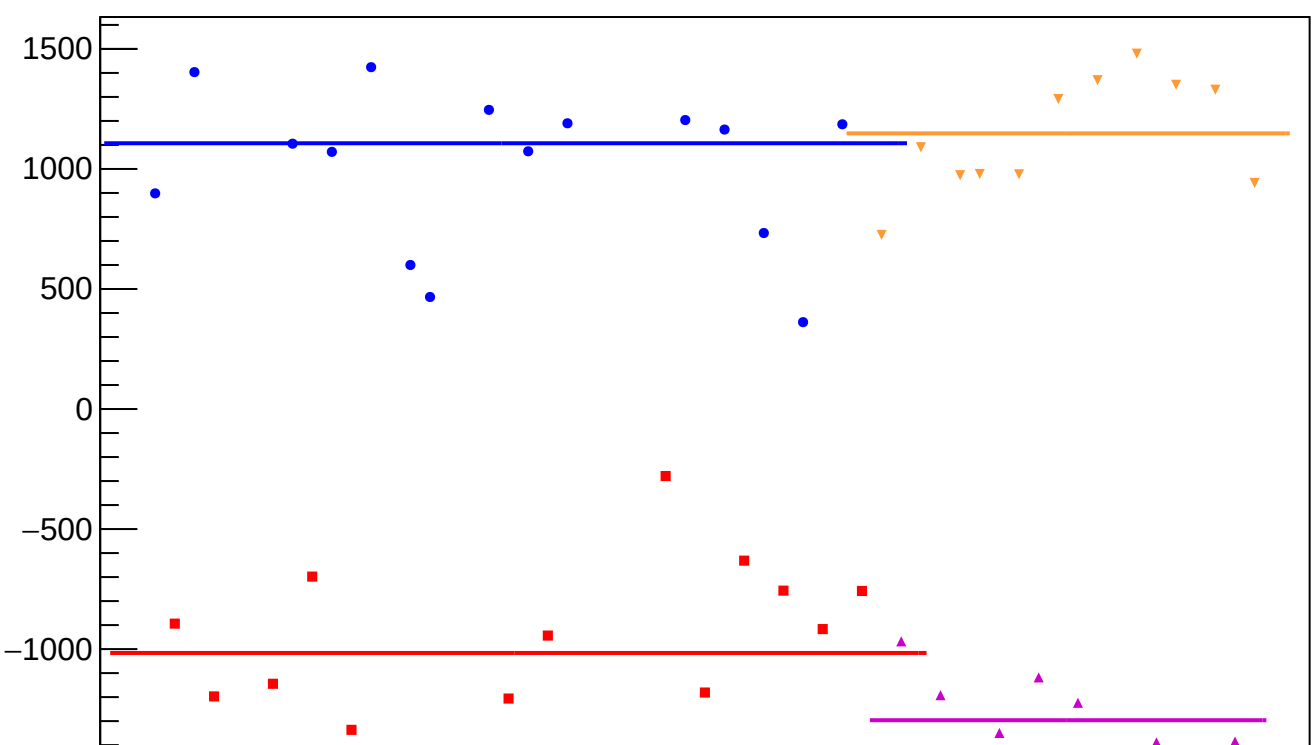
Right Out: -204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

Out: 72.562+/-0.000 χ^2/NDF:99597933397824502

Left In: -300.962+/-0.000 χ^2/NDF:3071343512032849890424337678733410304.0/8

All: 9.741+/-0.000 χ^2/NDF: 2204697194438

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

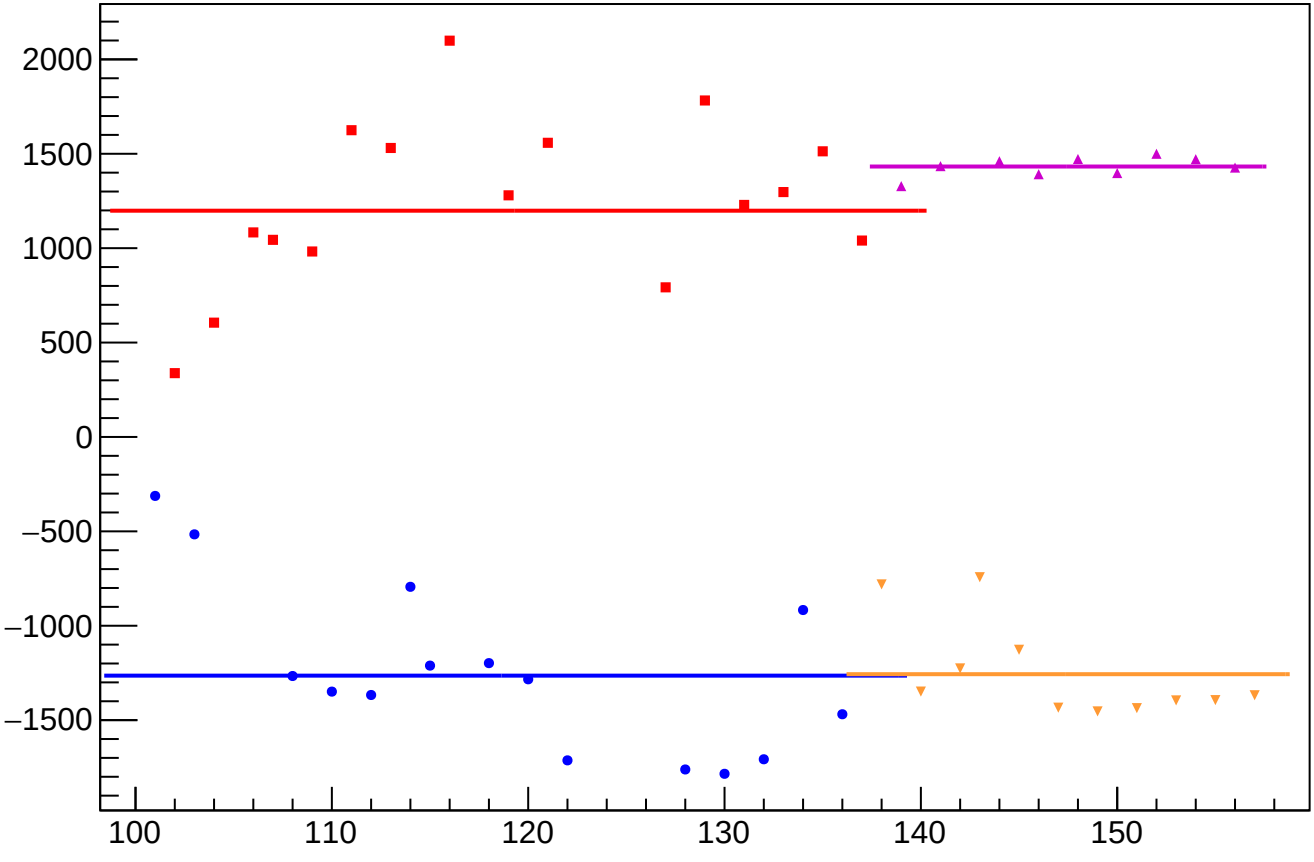
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

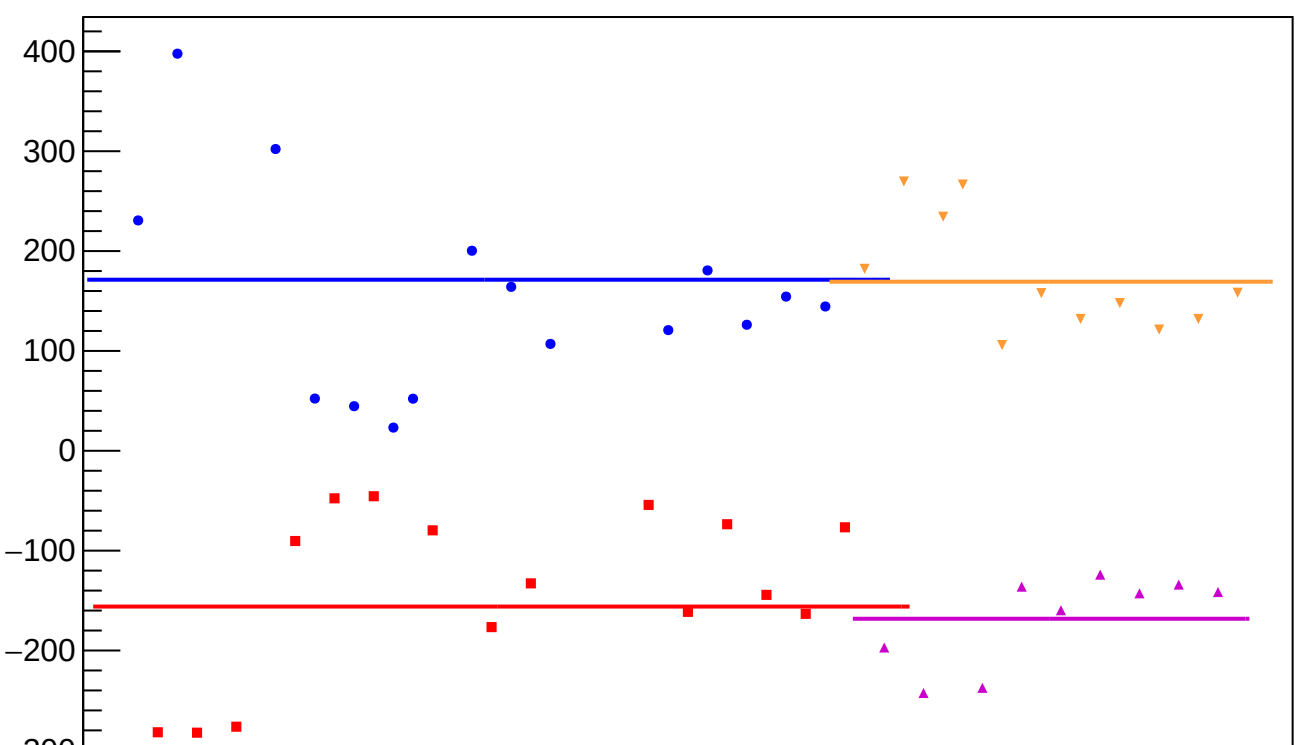
All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_sam7_coil4_mean vs Slug, Sign Corrected



Left: 31.013+/-0.000 χ^2/NDF: 2949764330917166
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1256.608+/-0.000 χ^2/NDF:4975552148007247942044498192190406656 0.0/10
In: 198.206+/-0.000 χ^2/NDF:2701787484636299
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: -167.814+/-0.000 χ^2/NDF:241829457977440
Left In: 1432.494+/-0.000 χ^2/NDF:1859407964381323143728304345841664000.0/8
All: 9.810+/-0.000 χ^2/NDF: 5217862678037

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 7.708+/-0.000 χ^2/NDF: 49580159438309759

Right In: 171.323+/-0.000 χ^2/NDF: 612097507518730550979514306499339878 4.0/14

Right: 5.426+/-0.000 χ^2/NDF: 4704270819776107 6

Left Out: 169.323+/-0.000 χ^2/NDF:247274065339079155490594674959817113 6.0/10

In: -12.804+/-0.000 χ^2/NDF:4814328637177735 8

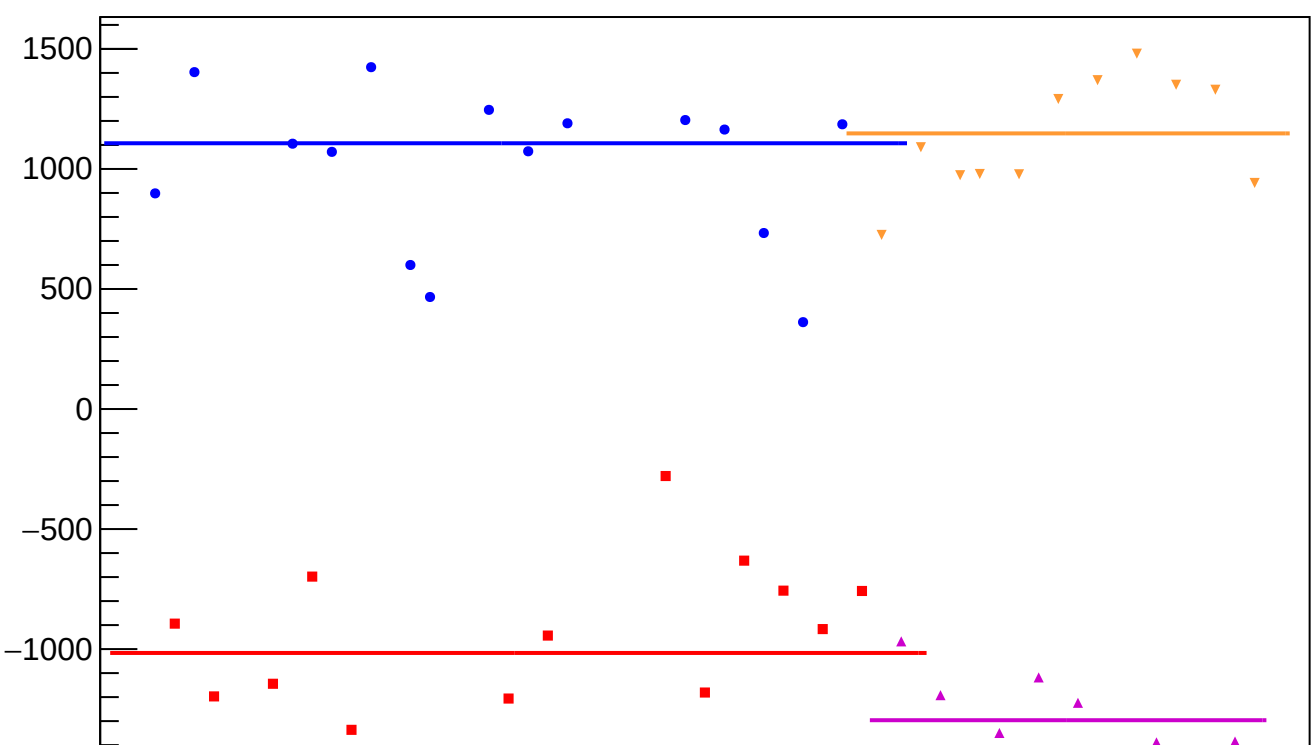
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

Out: 25.051+/-0.000 χ^2/NDF:4743746207426924 7

Left In: -168.199+/-0.000 χ^2/NDF:1450127450626765109307290660204707840.0/8

All: 6.680+/-0.000 χ^2/NDF: 9662663380149 9

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

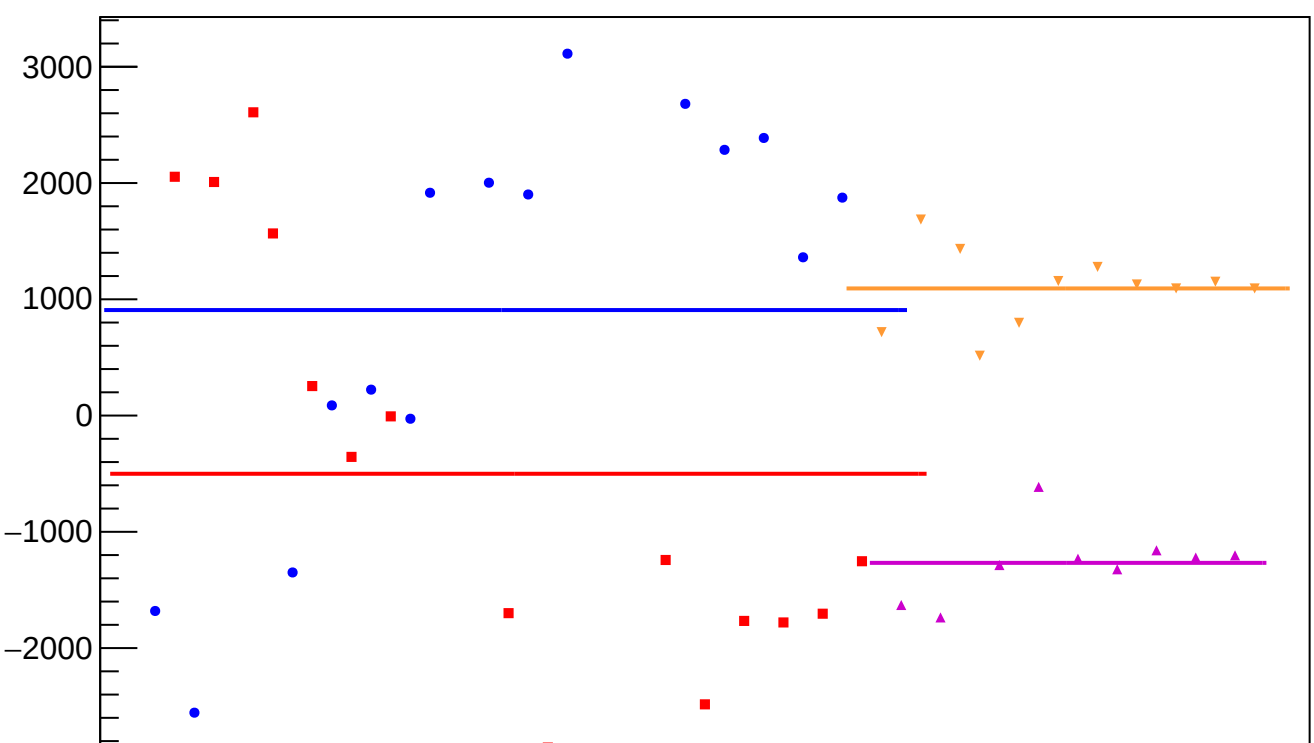
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

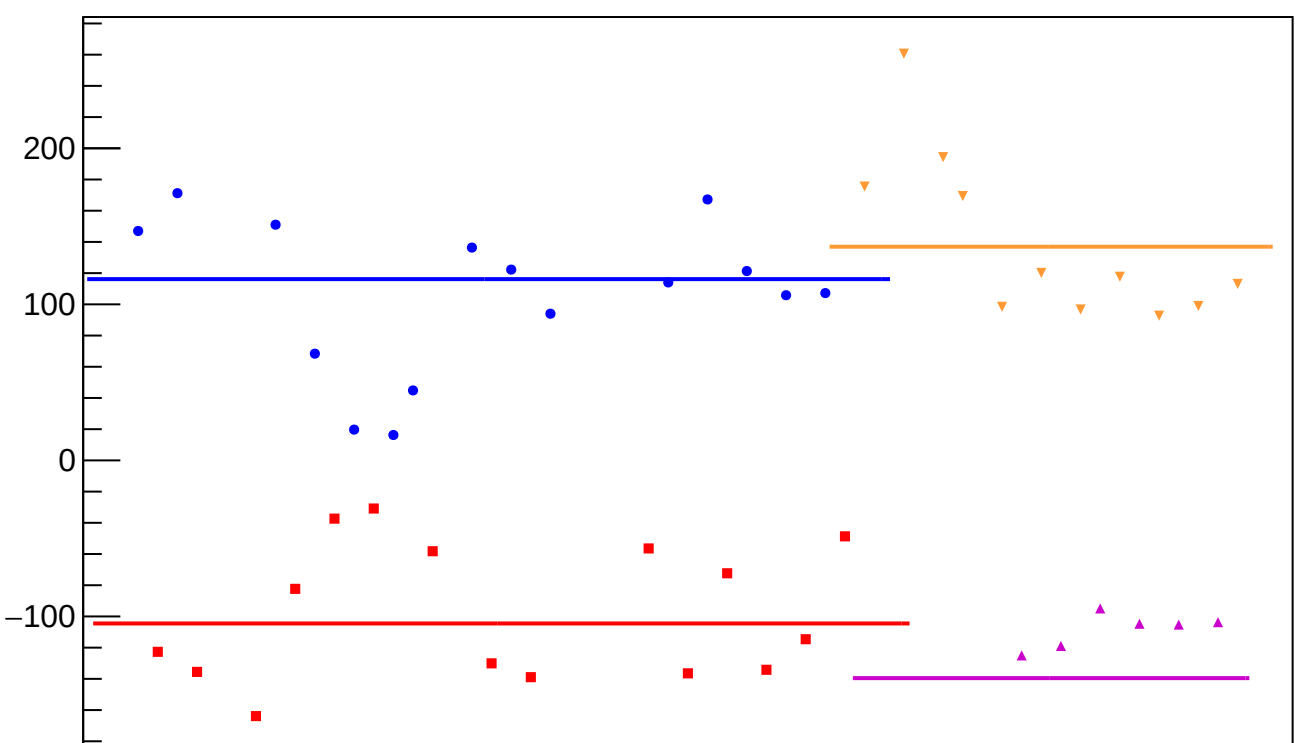
All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -36.832+/-0.000 χ^2/NDF: 2377979953491552
Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14
Right: 193.746+/-0.000 χ^2/NDF: 483370034209518
Left Out: 1093.414+/-0.000 χ^2/NDF:7819505784527396226121029499496274329 6.0/10
In: -271.799+/-0.000 χ^2/NDF:3838187727293351
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15
Out: 386.455+/-0.000 χ^2/NDF:3095698310101083
Left In: -1267.022+/-0.000 χ^2/NDF:6677424731839210295311082359386380697 6.0/8
All: 67.015+/-0.000 χ^2/NDF: 7250135803004

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 4.553+/-0.000 χ^2/NDF: 344321990705401357

Right In: 116.159+/-0.000 χ^2/NDF: 1198526427485199785396504127288115200.0/14

Right: 4.320+/-0.000 χ^2/NDF: 18500756430901072

Left Out: 136.937+/-0.000 χ^2/NDF:2225688486734173237730076324425367552.0/10

In: -22.508+/-0.000 χ^2/NDF:25781763071943170

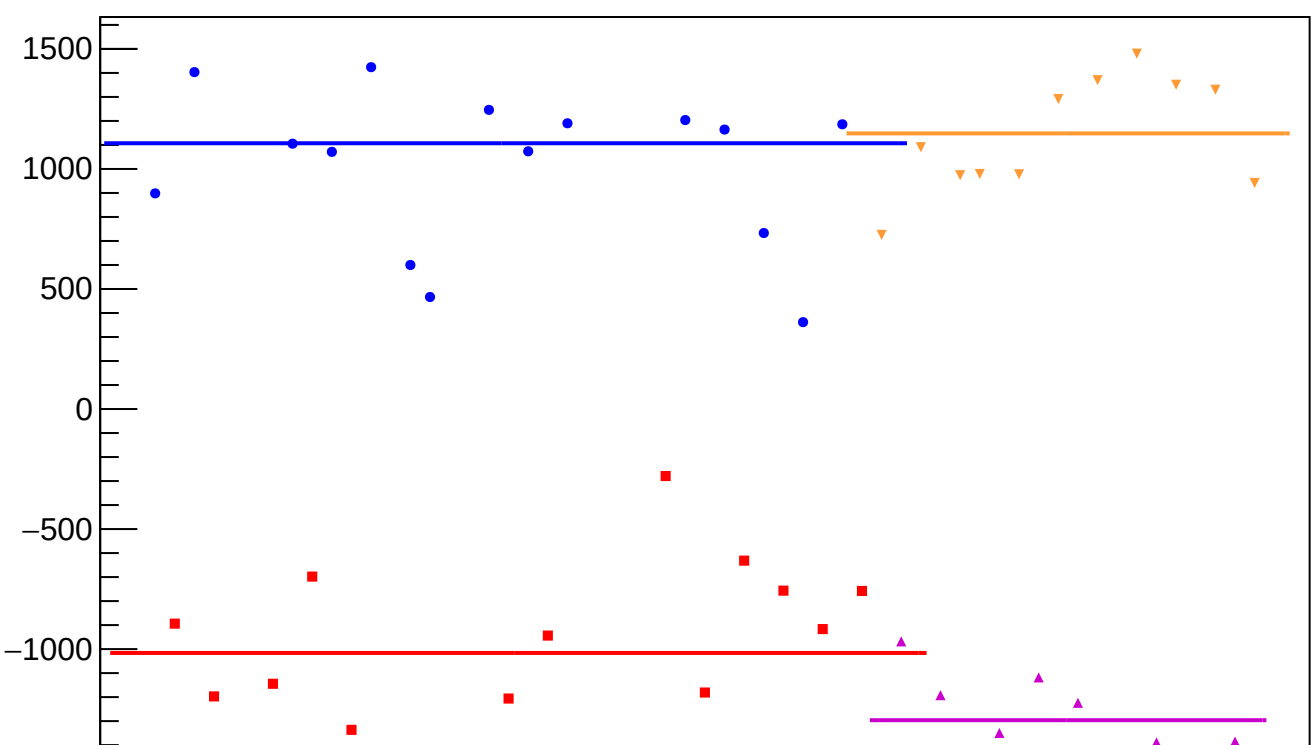
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

Out: 29.863+/-0.000 χ^2/NDF:25149397346775163

Left In: -139.537+/-0.000 χ^2/NDF:1571875597561037673032813061253103616.0/8

All: 4.448+/-0.000 χ^2/NDF: 5293299469977

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Left Out: 1148.111+/-0.000 χ^2/NDF:436032869601583482933142232687674654 72.0/10

Right Out: -1016.106+/-0.000 χ^2/NDF: 725676643335091927121843100371501711 36.0/15

Left In: -1296.267+/-0.000 χ^2/NDF:227936908763622493205362305116961505 28.0/8

Left: -22.329+/-0.000 χ^2/NDF: 2461051573229703

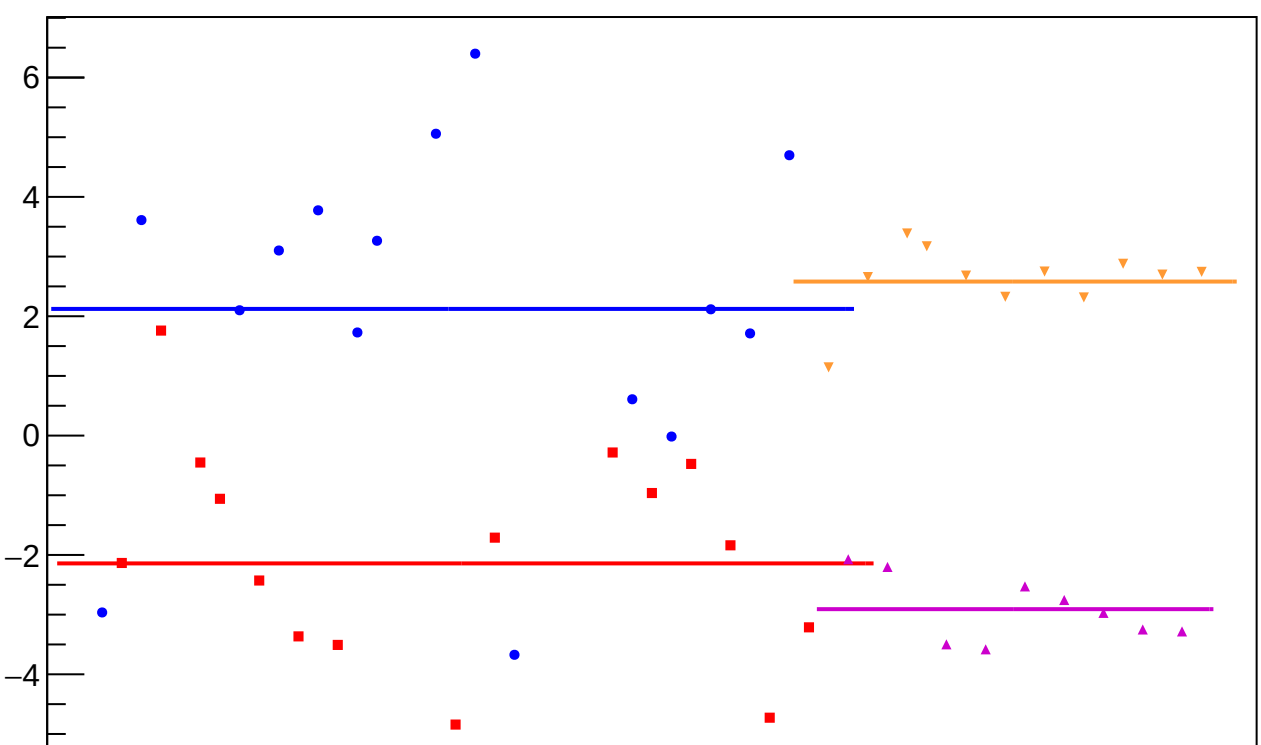
Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

In: -196.299+/-0.000 χ^2/NDF:2096335097312884

Out: 188.315+/-0.000 χ^2/NDF:1854793419799082

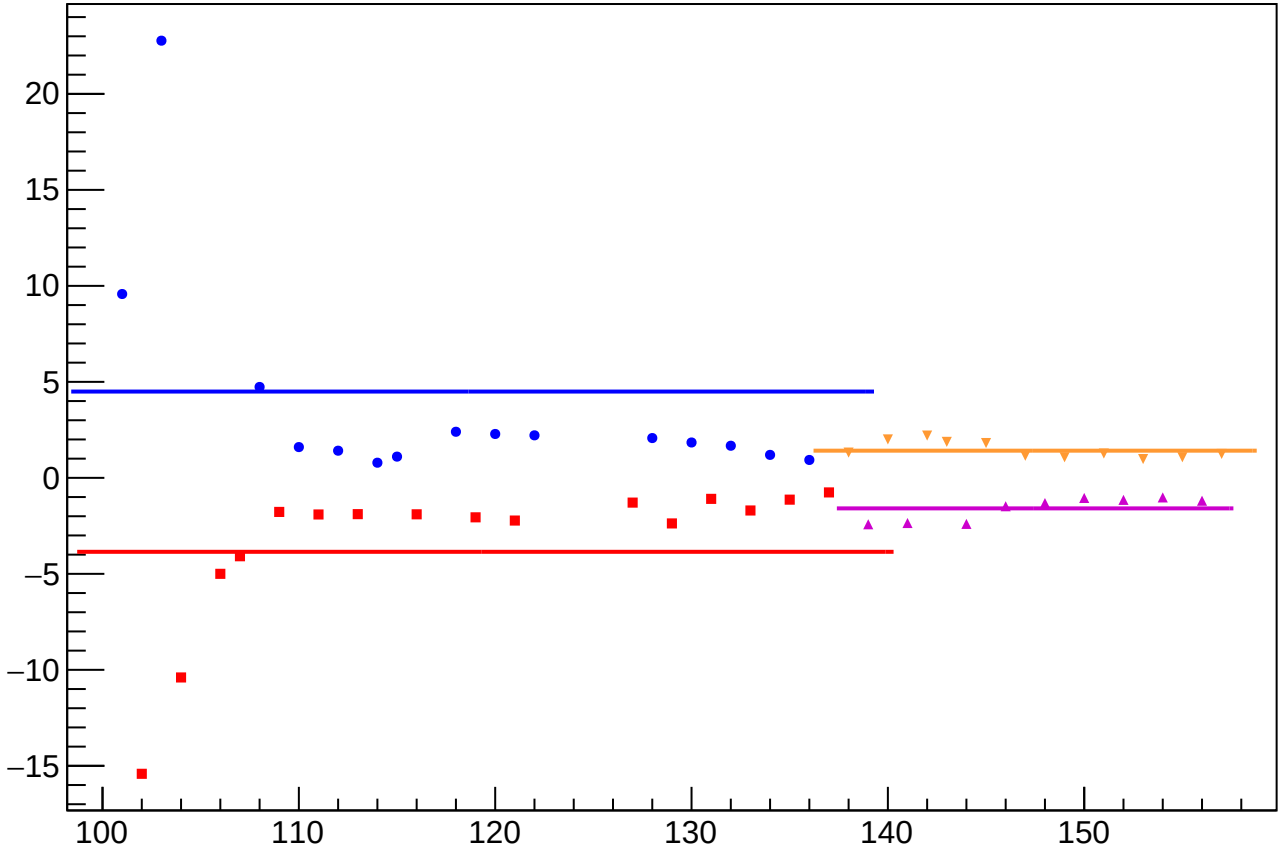
All: 1.668+/-0.000 χ^2/NDF: 4059096359273 5

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.047+/-0.000 χ^2/NDF: 1252112345433620
Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.581+/-0.000 χ^2/NDF:2394347928508746664618786511912 96.0/10
In: -0.606+/-0.000 χ^2/NDF:1437683937256533 48
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
Out: 0.487+/-0.000 χ^2/NDF:10992518482176752 6
Left In: -2.908+/-0.000 χ^2/NDF:2038393718029144417397379002531 84.0/8
All: -0.043+/-0.000 χ^2/NDF: 2624019823176

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.416+/-0.000 χ^2/NDF:1294057542769950214483060614758 40.0/10

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860 1728.0/15

Left In: -1.590+/-0.000 χ^2/NDF:2561008418041524634586719411240 96.0/8

Left: -0.024+/-0.000 χ^2/NDF: 40080630383756901

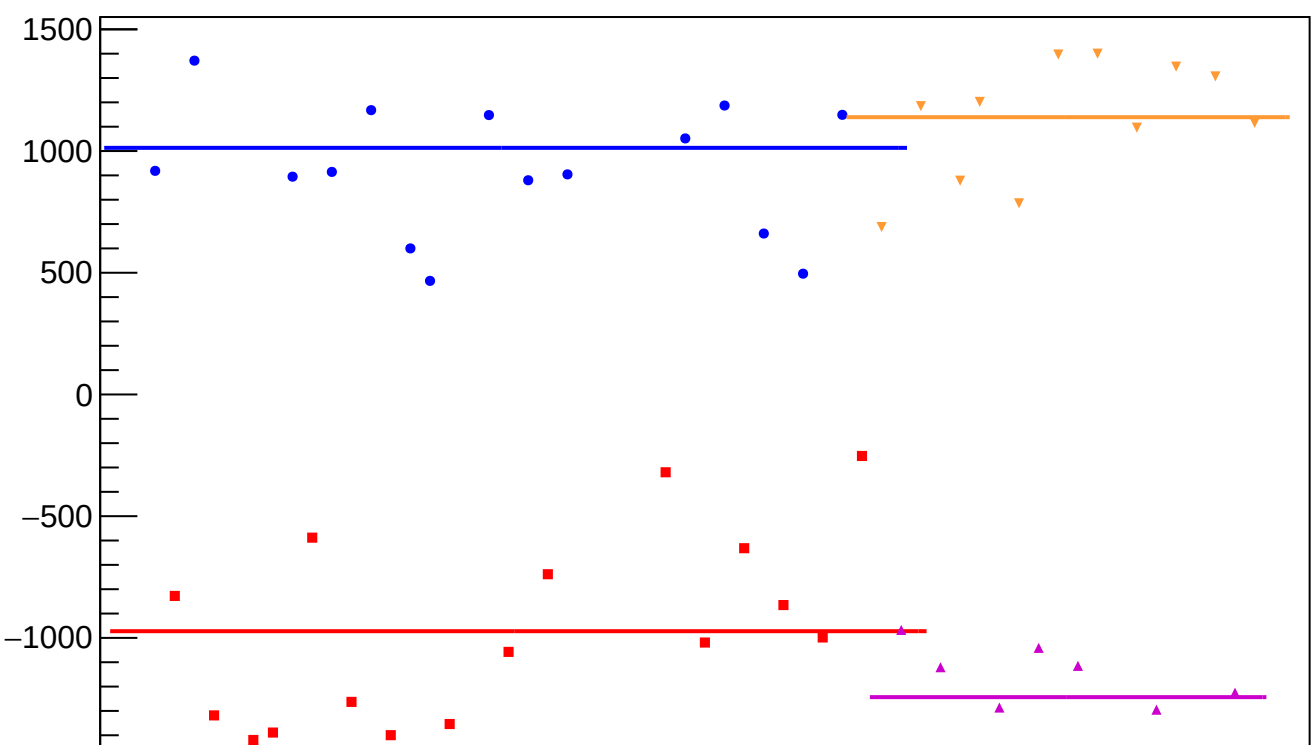
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 1.195+/-0.000 χ^2/NDF:385608693804928172 9

Out: -0.920+/-0.000 χ^2/NDF:2274725318020873 9

All: 0.106+/-0.000 χ^2/NDF: 6457381760140 5

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

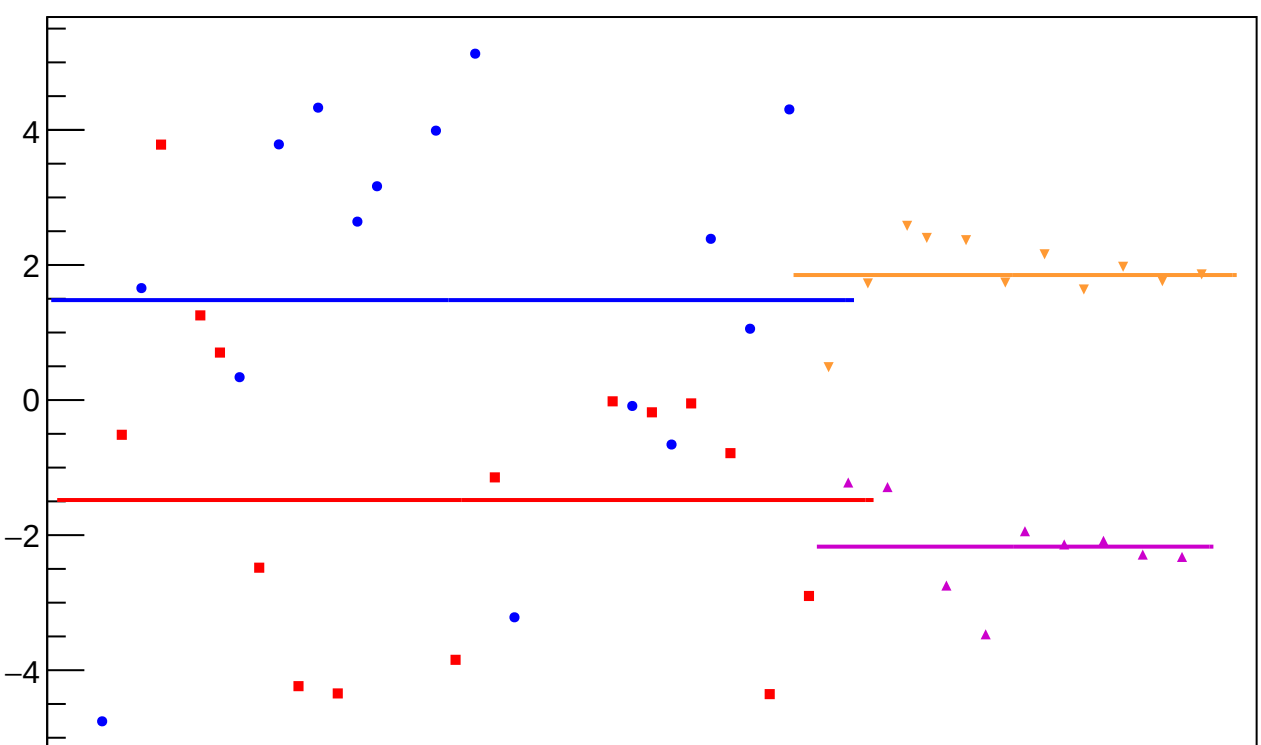
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.074+/-0.000 χ^2/NDF: 70258087886013983

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 1.851+/-0.000 χ^2/NDF:2270795785932352239218170810859 52.0/10

In: -0.500+/-0.000 χ^2/NDF:10806469319048757 3

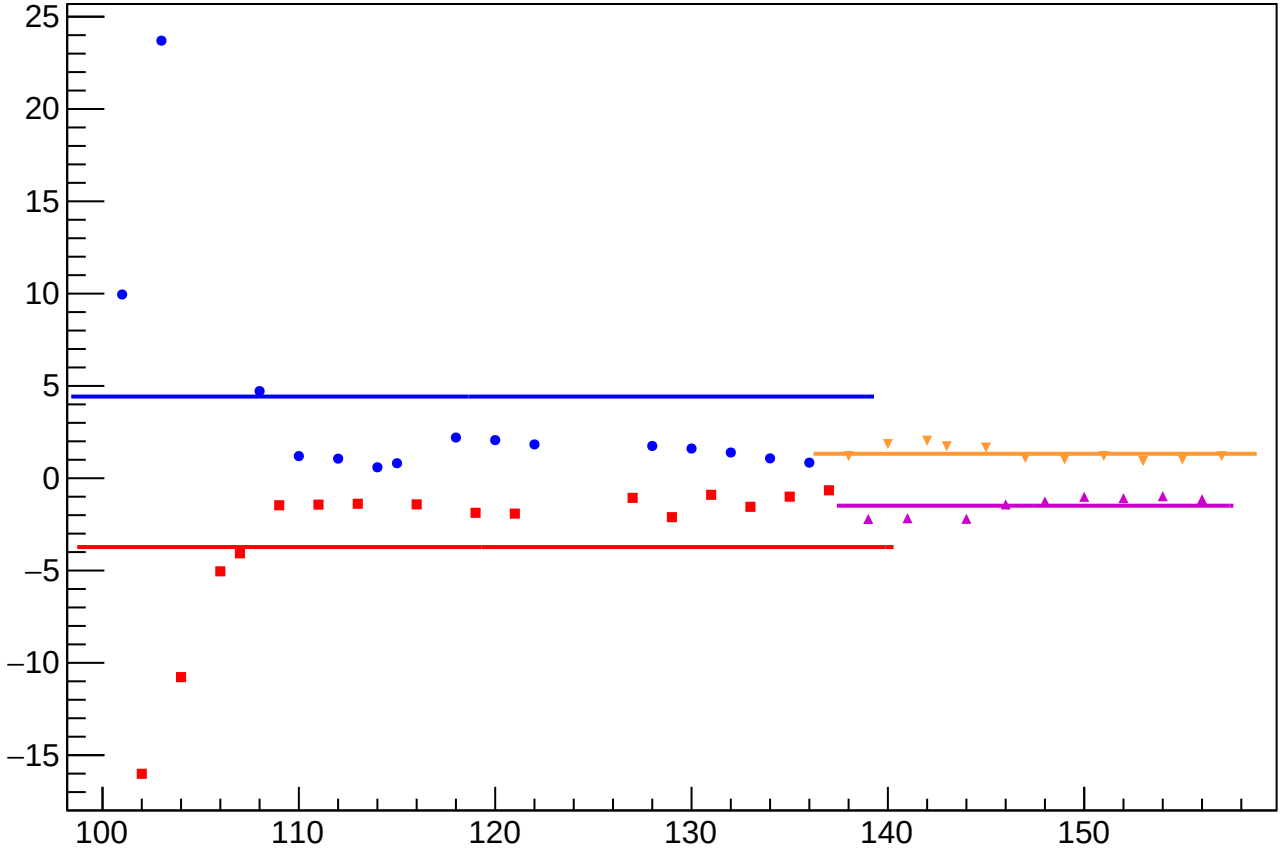
Right Out: -1.480+/-0.000 χ^2/NDF: 4092645800613765572662987820367872.0/15

Out: 0.374+/-0.000 χ^2/NDF:8439332025389894 83

Left In: -2.170+/-0.000 χ^2/NDF:3168069028893952505594409522298 88.0/8

All: -0.050+/-0.000 χ^2/NDF: 1980262204241

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Left: -0.022+/-0.000 χ^2/NDF: 34700796532822532

Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

Left Out: 1.325+/-0.000 χ^2/NDF:1017282120605463347738564739727 36.0/10

In: 1.218+/-0.000 χ^2/NDF:407579142737831297 1

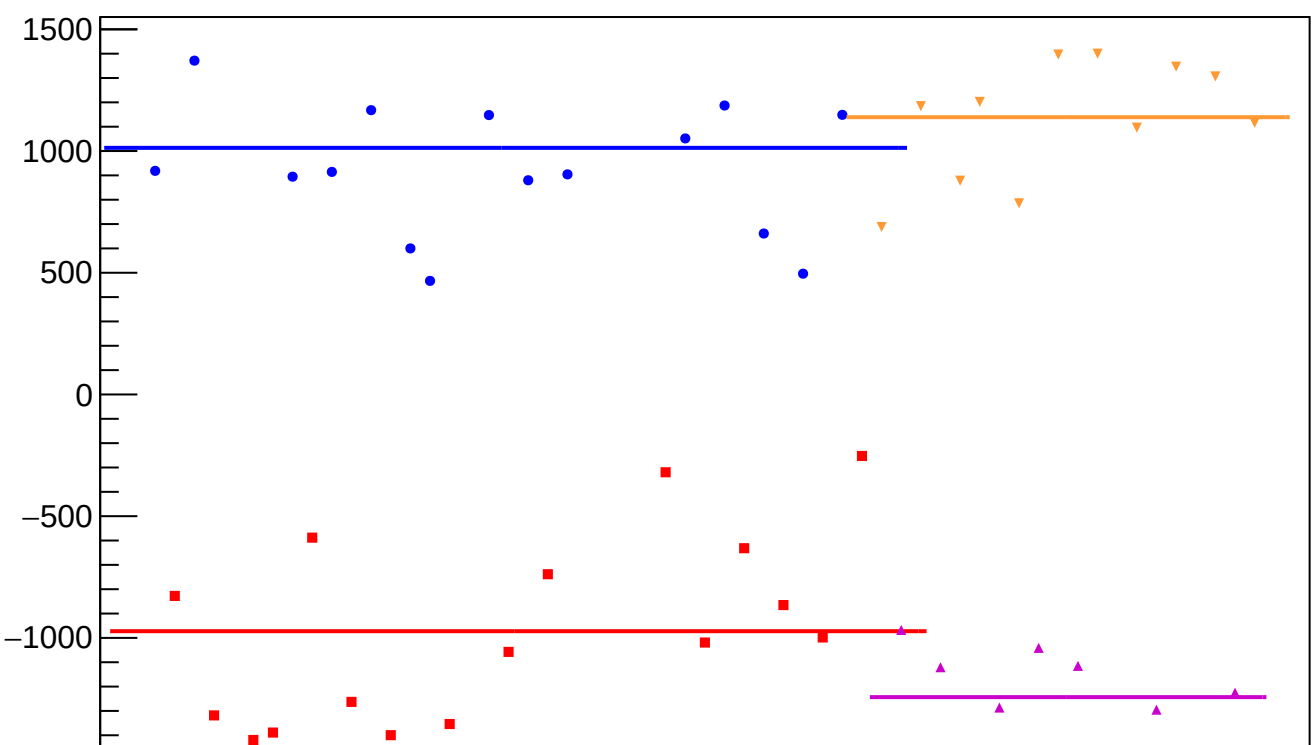
Right Out: -3.727+/-0.000 χ^2/NDF: 139918168147498425197942848534609 92.0/15

Out: -0.916+/-0.000 χ^2/NDF:23566064069477598

Left In: -1.487+/-0.000 χ^2/NDF:199382463474906451690454566043648.0/8

All: 0.120+/-0.000 χ^2/NDF: 6764824828129 8

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

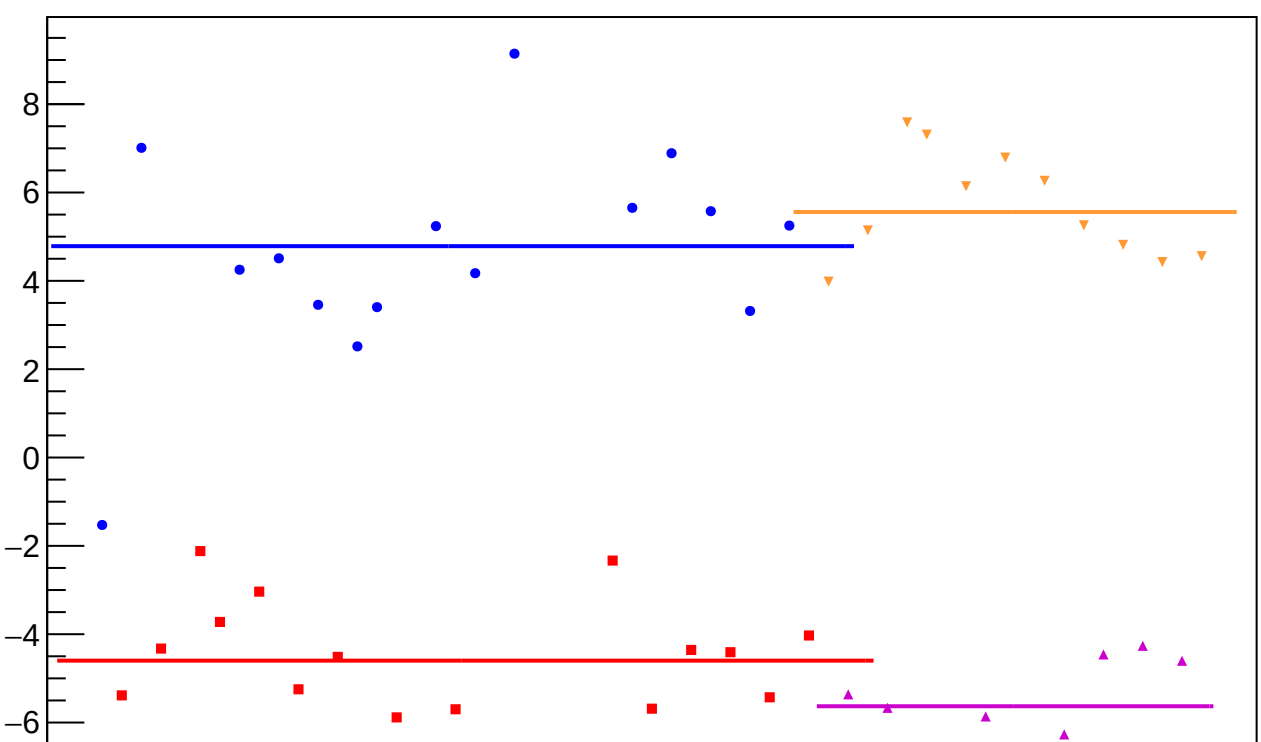
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: 0.201+/-0.000 χ^2/NDF: 52008596922462008

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: 5.559+/-0.000 χ^2/NDF:10262805666429645864140175635906 56.0/10

In: -0.864+/-0.000 χ^2/NDF:42984108948935867 3

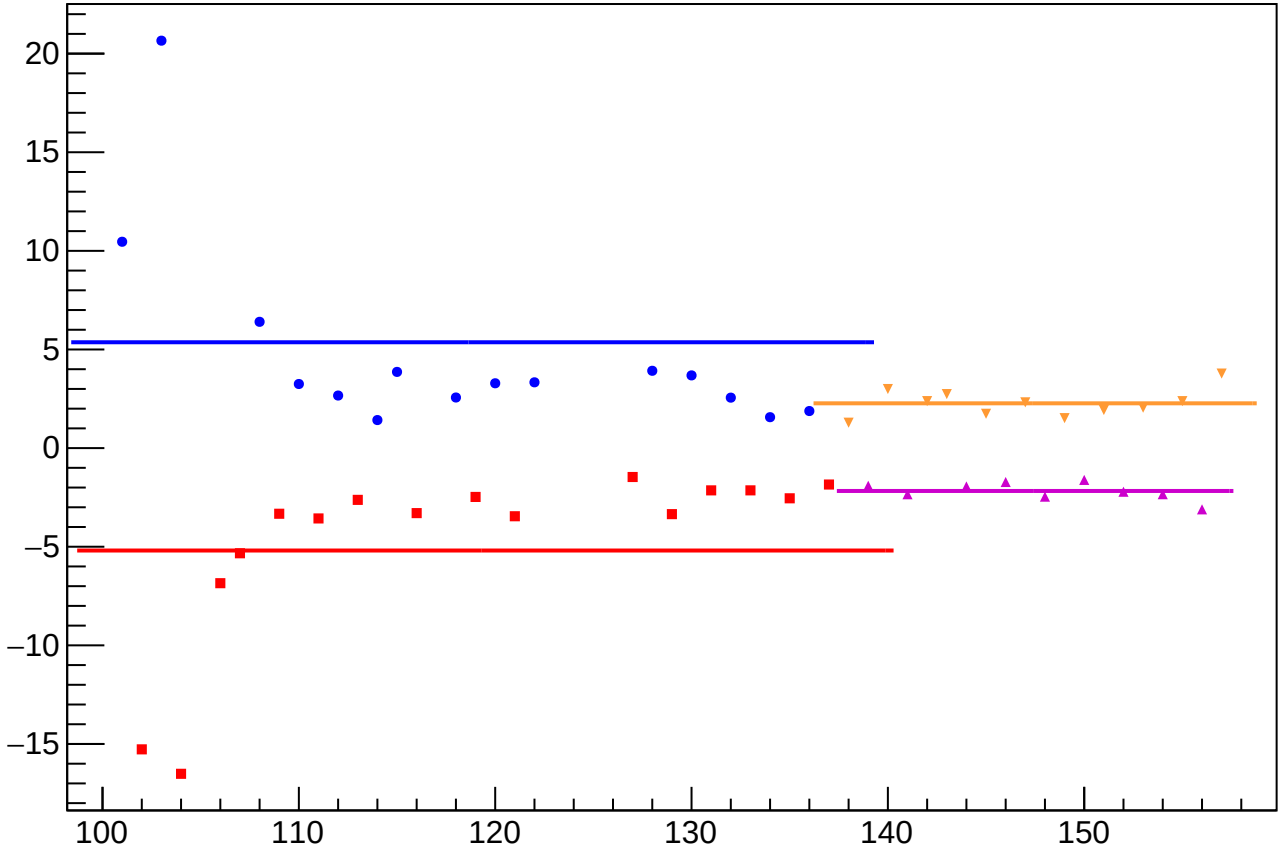
Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15

Out: 1.054+/-0.000 χ^2/NDF:40309624971020025 1

Left In: -5.631+/-0.000 χ^2/NDF:80126723339779931317134814085120 0.0/8

All: 0.123+/-0.000 χ^2/NDF: 8597842793023 8

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.143+/-0.000 χ^2/NDF: 844970846275064723

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: 2.271+/-0.000 χ^2/NDF:39769736288839076758427235096985 6.0/10

In: 1.277+/-0.000 χ^2/NDF:389241620212097506 7

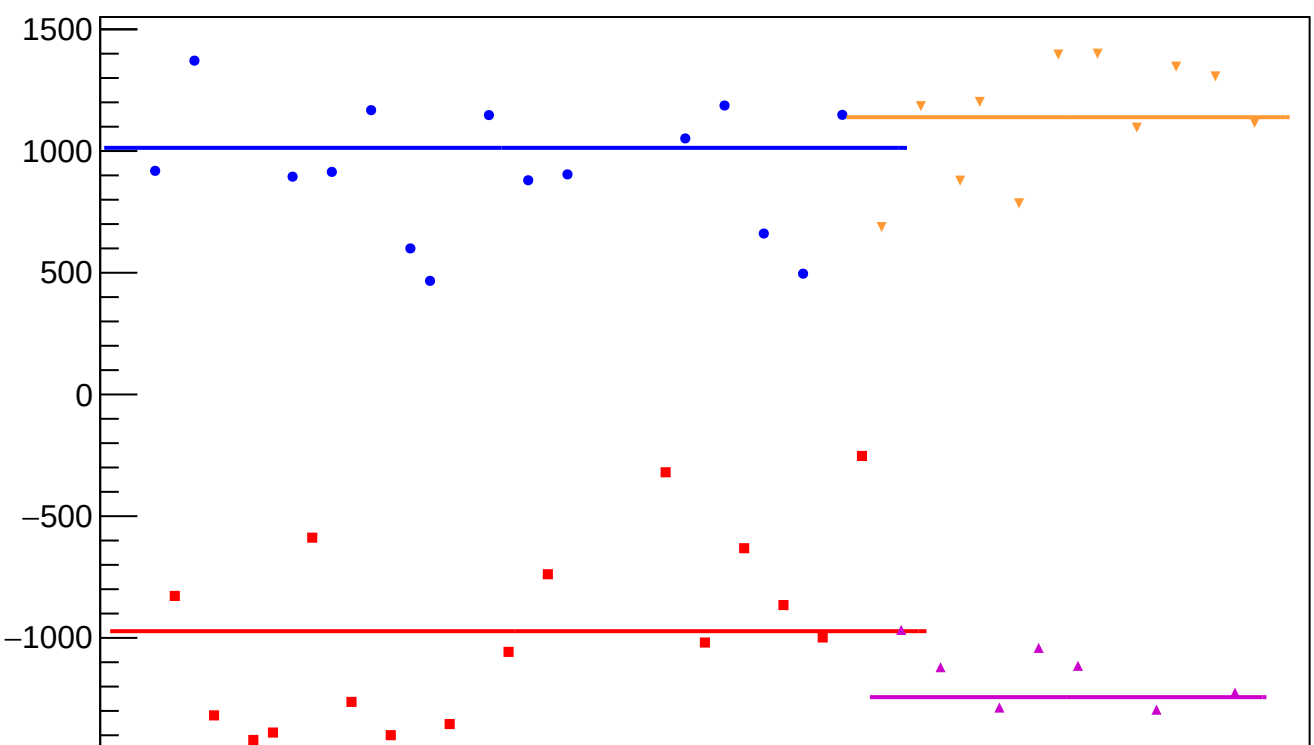
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -1.039+/-0.000 χ^2/NDF:3682043597878763 5

Left In: -2.173+/-0.000 χ^2/NDF:1375150855503903374834516455587 84.0/8

All: 0.085+/-0.000 χ^2/NDF: 7966097811307 9

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

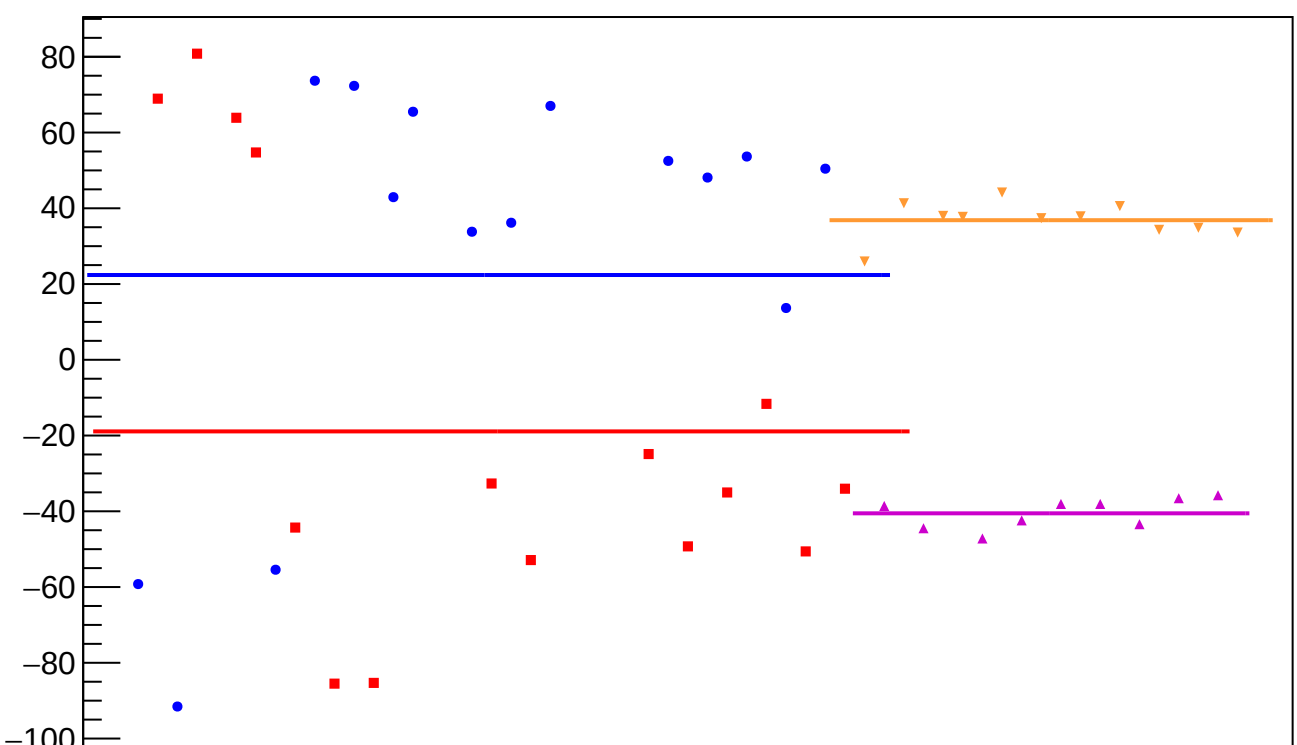
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

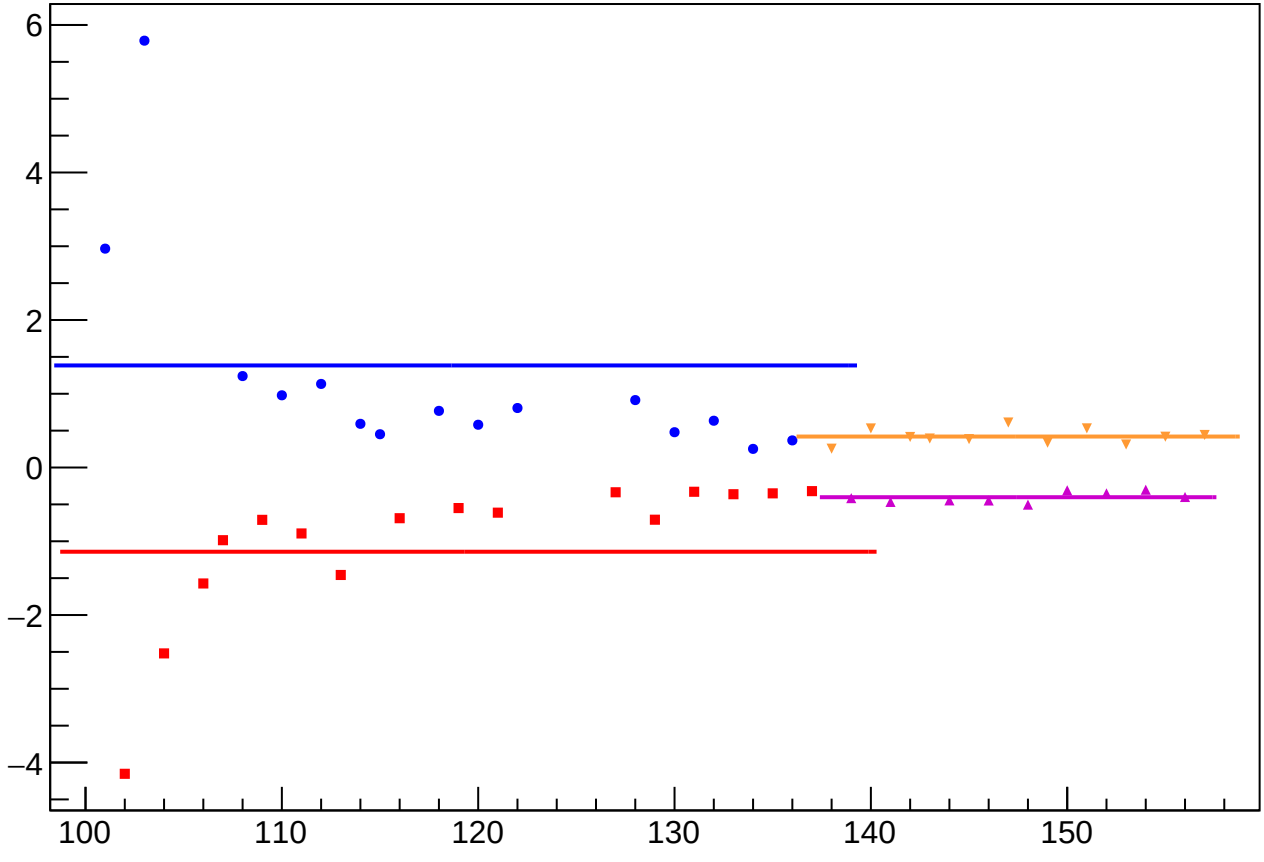
All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -0.202+/-0.000 χ^2/NDF: 24296907693792675
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 36.857+/-0.000 χ^2/NDF:18226518403595417717477128005484544.0/10
In: -11.739+/-0.000 χ^2/NDF:33265815492024912
Right Out: -18.907+/-0.000 χ^2/NDF: 21822218084081562935939939927578 37824.0/15
Out: 12.126+/-0.000 χ^2/NDF:33547326593108648
Left In: -40.537+/-0.000 χ^2/NDF:10866814705397936868357343329386496.0/8
All: 0.545+/-0.000 χ^2/NDF: 7097003052479

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.026+/-0.000 χ^2/NDF: 283220869094982001

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 44802957007729023

Left Out: 0.420+/-0.000 χ^2/NDF:862341949345631918983616869171 2.0/10

In: 0.415+/-0.000 χ^2/NDF:2697952586332073919

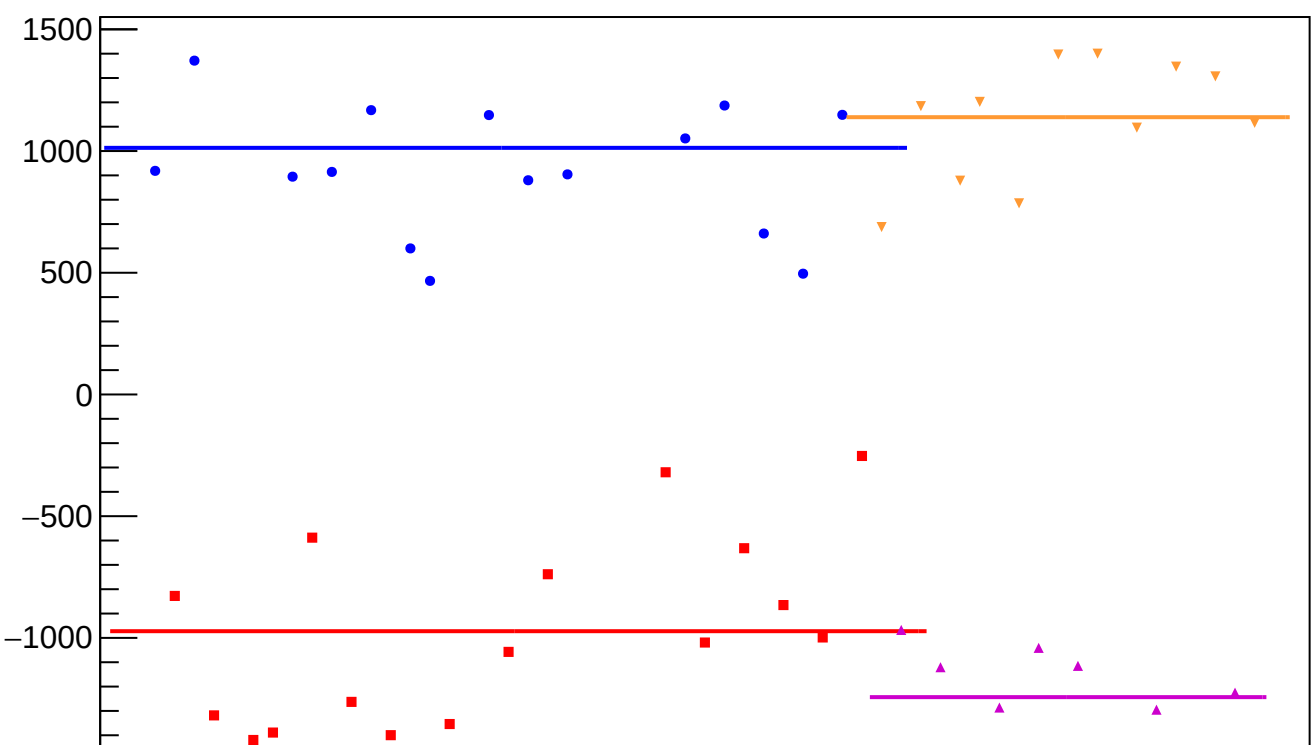
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.273+/-0.000 χ^2/NDF:17246526136277899

Left In: -0.403+/-0.000 χ^2/NDF:349740733880661805894905888768 0.0/8

All: 0.061+/-0.000 χ^2/NDF: 4767882520525 6

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

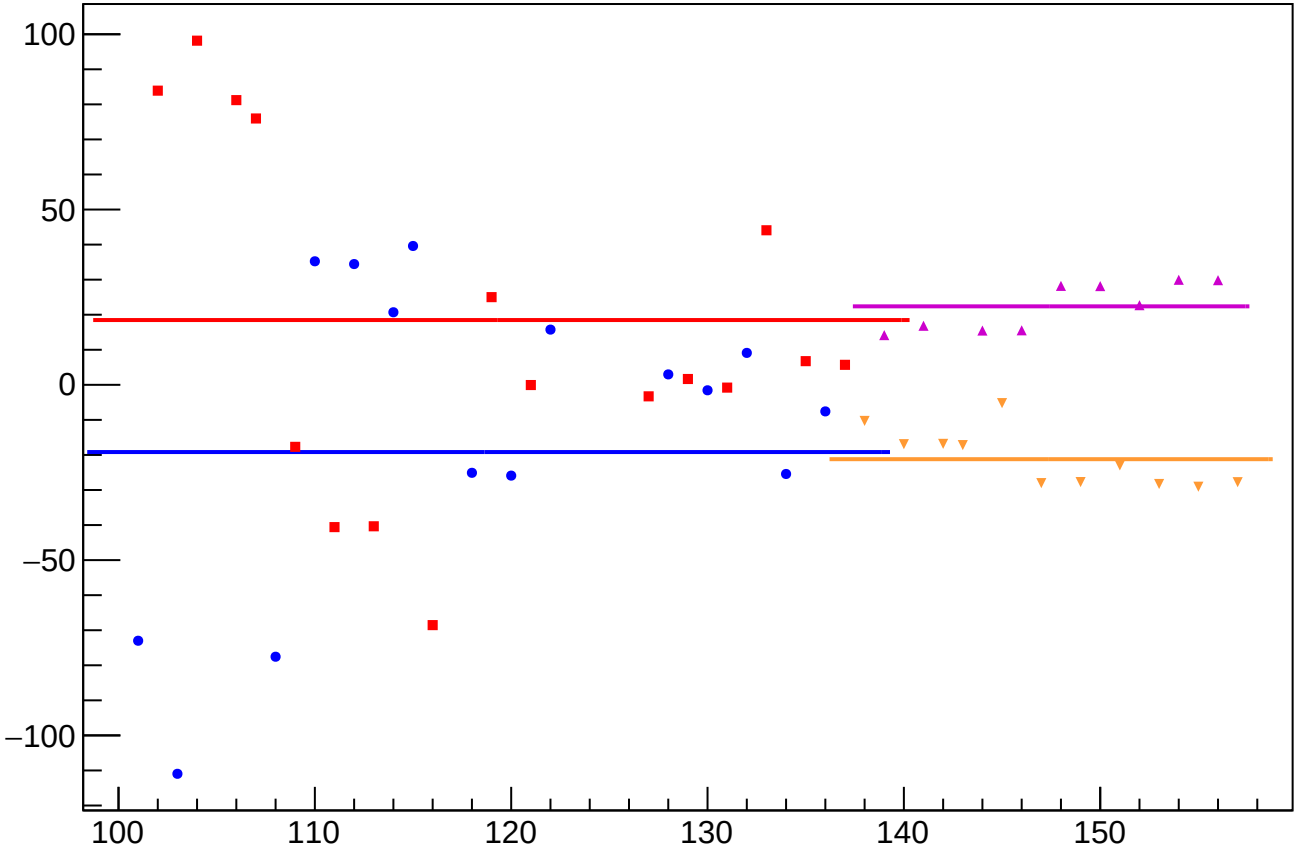
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: -0.333+/-0.000 χ^2/NDF: 84690391331449329

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -21.209+/-0.000 χ^2/NDF:535034966790509483755376010676142 08.0/10

In: 3.365+/-0.000 χ^2/NDF:188603247483012671 0

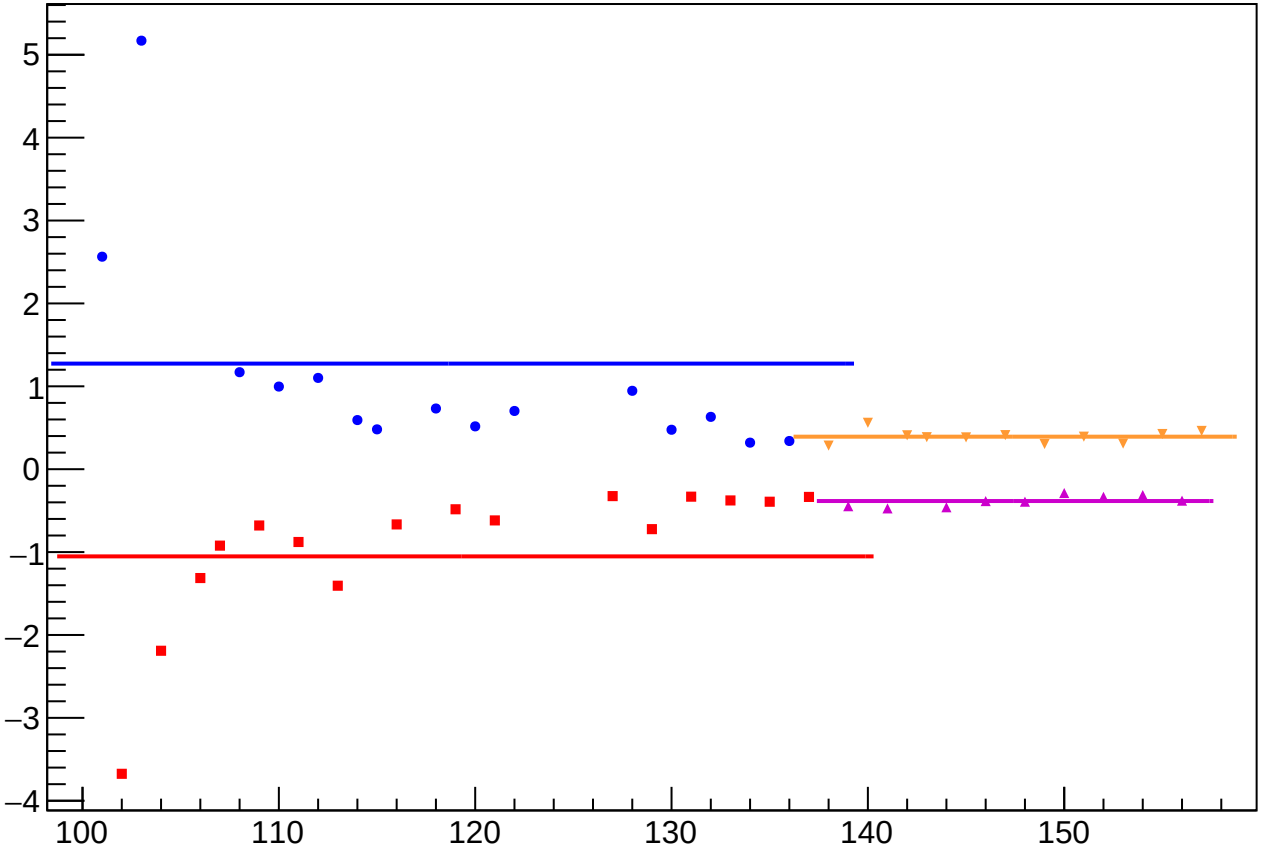
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -3.608+/-0.000 χ^2/NDF:2127574386983397 4

Left In: 22.388+/-0.000 χ^2/NDF:316601730535375745410923519247646 72.0/8

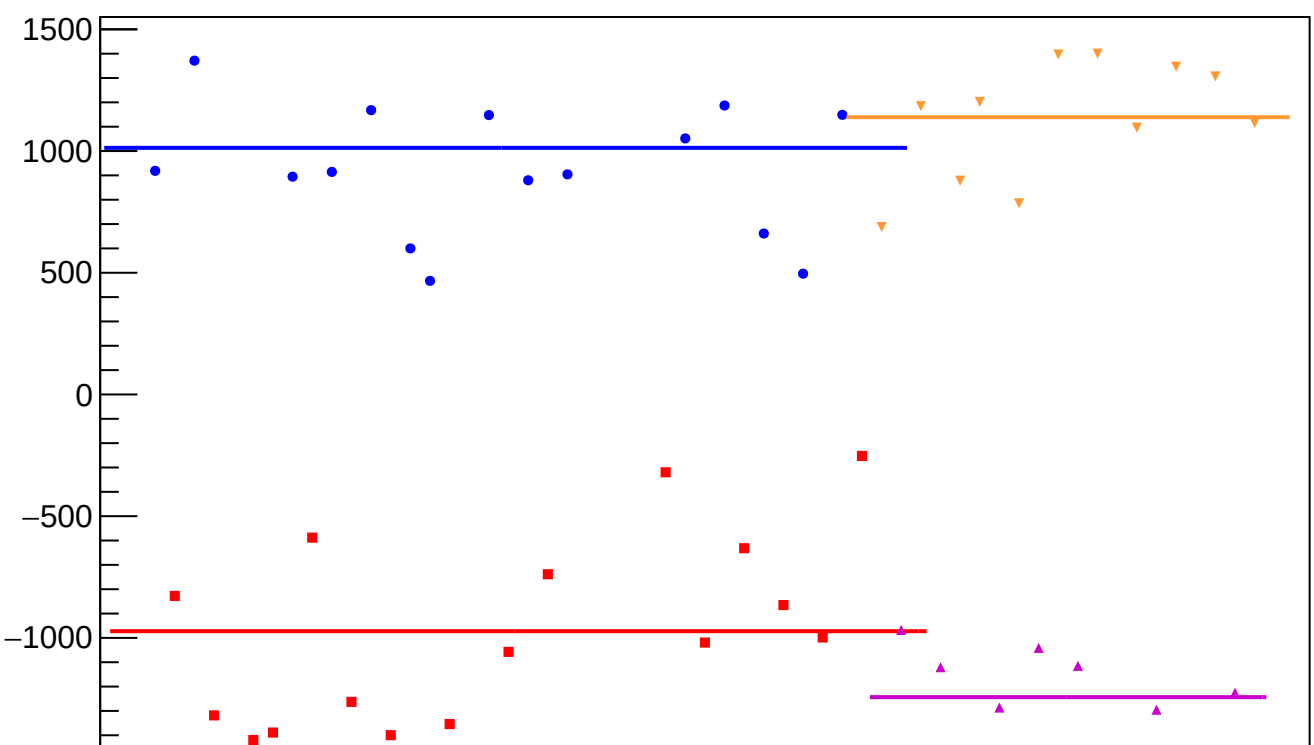
All: -0.224+/-0.000 χ^2/NDF: 4049092024575

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 24961085494016616
Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14
Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468
Left Out: 0.392+/-0.000 χ^2/NDF:4970601636939495795240204238848.0/10
In: 0.375+/-0.000 χ^2/NDF:218258638905028977
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15
Out: -0.248+/-0.000 χ^2/NDF:13865622641205141
Left In: -0.384+/-0.000 χ^2/NDF:3037343832995208075677290987520.0/8
All: 0.054+/-0.000 χ^2/NDF: 3852359979292

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

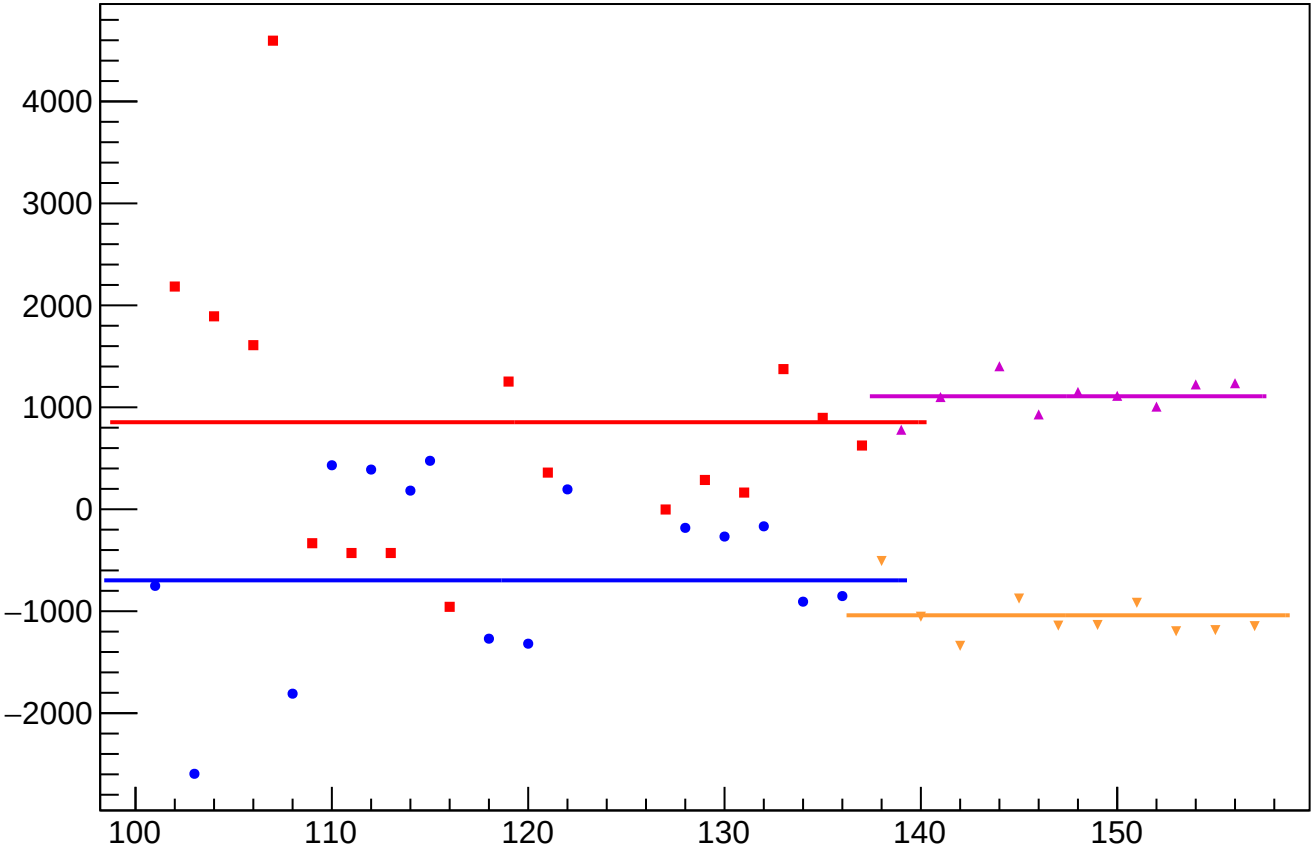
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

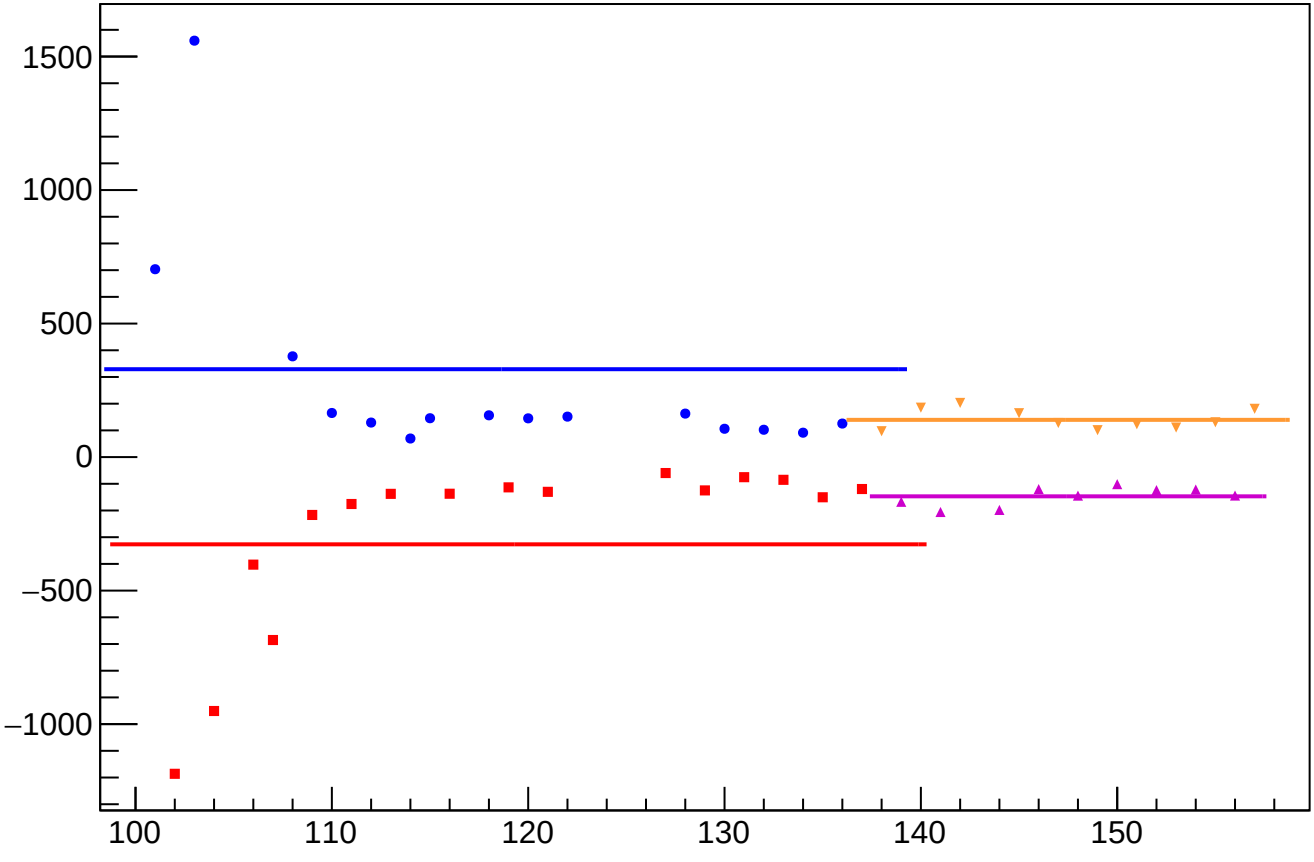
All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_usl_coil6_mean vs Slug, Sign Corrected



Left: 33.492+/-0.000 χ^2/NDF: 1834139903438415
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1039.952+/-0.000 χ^2/NDF:3583897677150277373466218969284843929 6.0/9
In: 281.925+/-0.000 χ^2/NDF:1660548536240171 4
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: -160.976+/-0.000 χ^2/NDF:239588553906343
Left In: 1108.331+/-0.000 χ^2/NDF:2263440678426558380396851658677760819 2.0/8
All: 59.001+/-0.000 χ^2/NDF: 419643834192 2

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -3.662+/-0.000 χ^2/NDF: 33389828882714630

Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126

Left Out: 139.443+/-0.000 χ^2/NDF:916900942982070955154469003060051968.0/9

In: 70.933+/-0.000 χ^2/NDF:197545038763180131

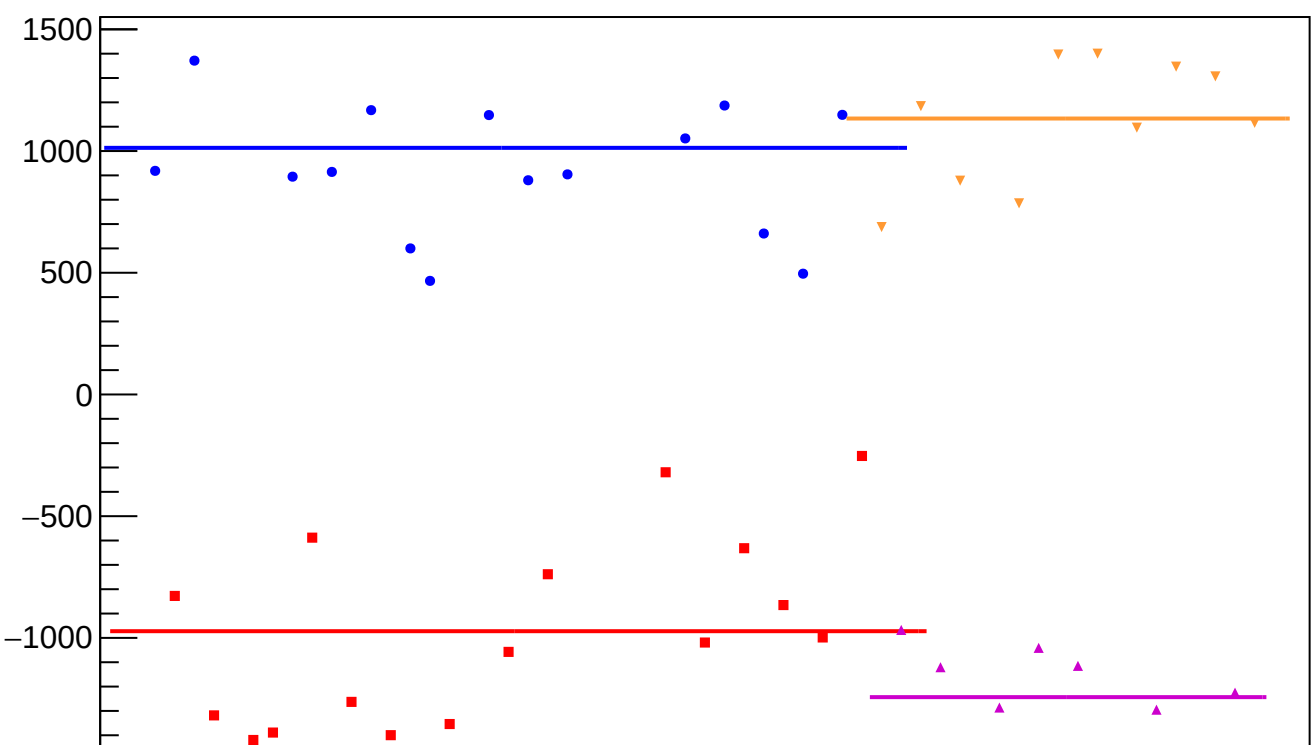
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15

Out: -76.920+/-0.000 χ^2/NDF:1661443359651312

Left In: -146.954+/-0.000 χ^2/NDF:914574299734421010041729963501027328.0/8

All: -3.485+/-0.000 χ^2/NDF: 3792917527577

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -54.127+/-0.000 χ^2/NDF: 2249622235636540

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1133.571+/-0.000 χ^2/NDF:46294107956008904397341475906544205824.0/9

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

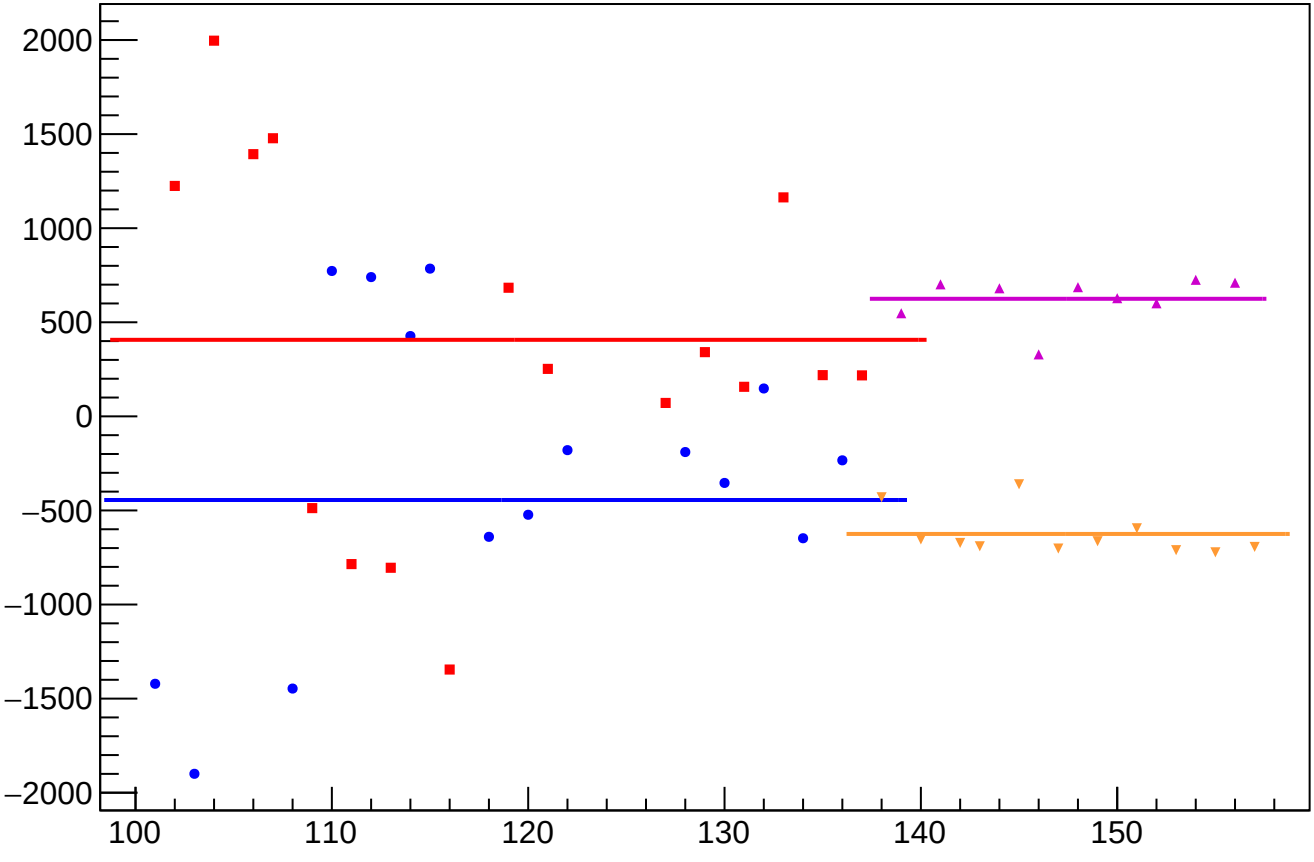
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: 156.031+/-0.000 χ^2/NDF:171040553731607 1

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

All: -26.061+/-0.000 χ^2/NDF: 365974771908

dit_usr_coil6_mean vs Slug, Sign Corrected



Left: -26.518+/-0.000 χ^2/NDF: 6477868970496861

Right In: -444.512+/-0.000 χ^2/NDF: 3964819035015937030665358512299536547 84.0/14

Right: -13.070+/-0.000 χ^2/NDF: 116395703795034

Left Out: -624.910+/-0.000 χ^2/NDF:1150530769405458599276485889136105881 6.0/10

In: 135.384+/-0.000 χ^2/NDF:8092802396175176 3

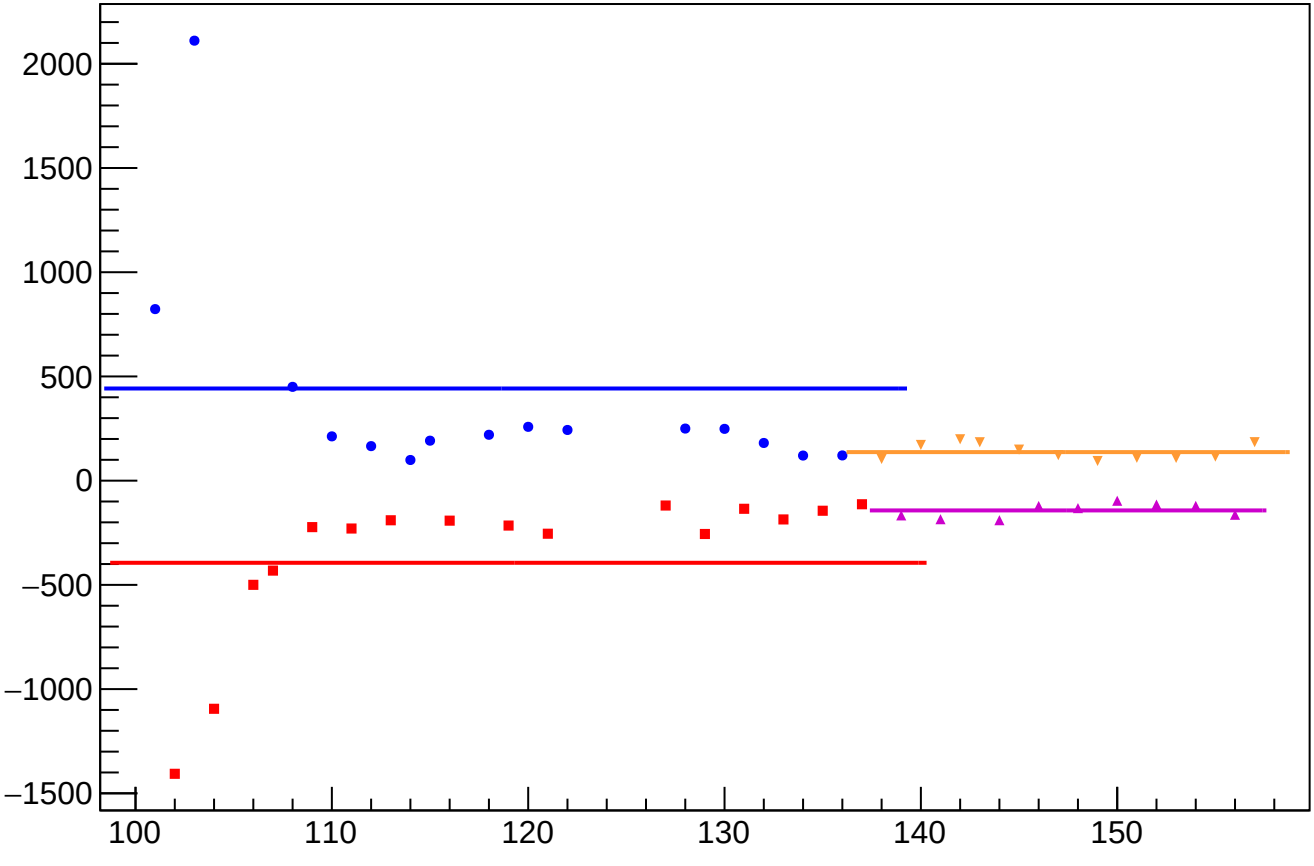
Right Out: 406.729+/-0.000 χ^2/NDF: 5291224218667748100129417822391291084 80.0/15

Out: -167.394+/-0.000 χ^2/NDF:935684303749824

Left In: 624.788+/-0.000 χ^2/NDF:1036483355623484656761852217131217715 2.0/8

All: -20.461+/-0.000 χ^2/NDF: 181187474400

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: 3.027+/-0.000 χ^2/NDF: 331874638474363768

Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14

Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186

Left Out: 137.000+/-0.000 χ^2/NDF:102866978269669721651440350847723110 4.0/10

In: 124.933+/-0.000 χ^2/NDF:3252314089021496 6

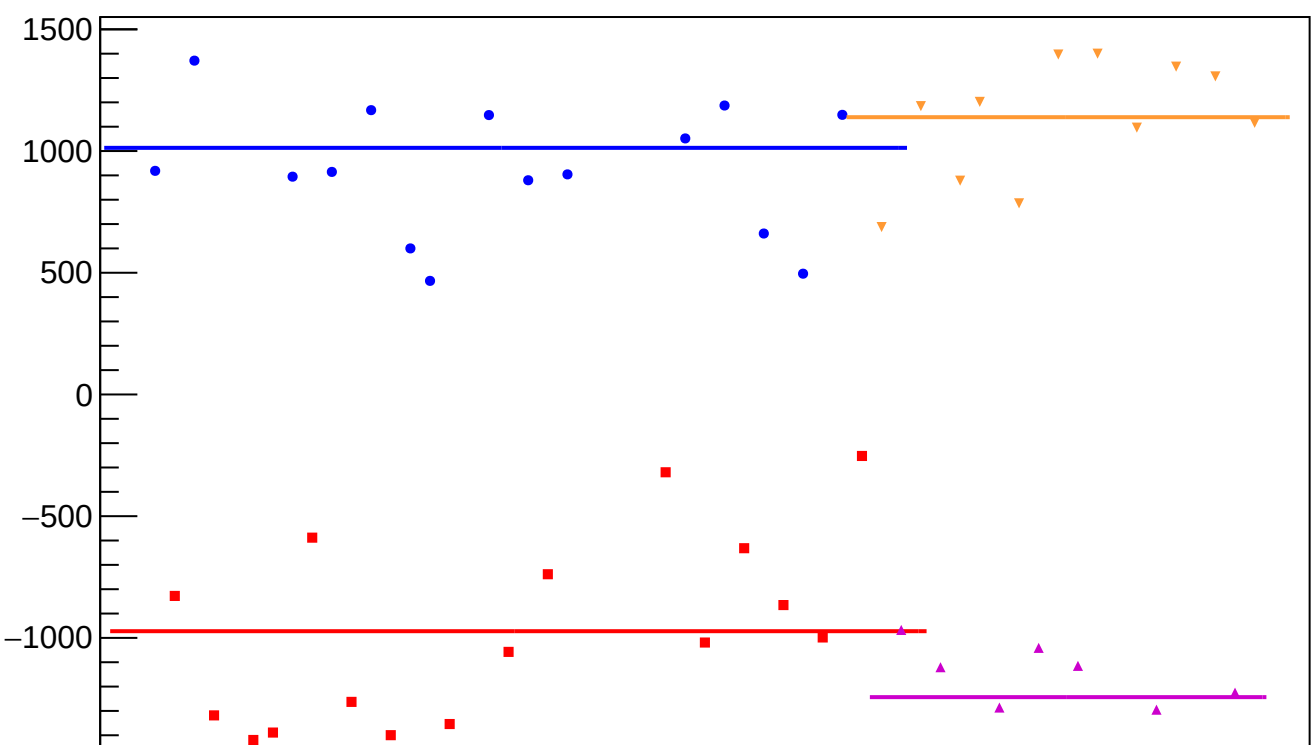
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15

Out: -98.505+/-0.000 χ^2/NDF:2115874201454303

Left In: -142.793+/-0.000 χ^2/NDF:784042831575976928422999578967539712.0/8

All: 9.926+/-0.000 χ^2/NDF: 5732571395814 8

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

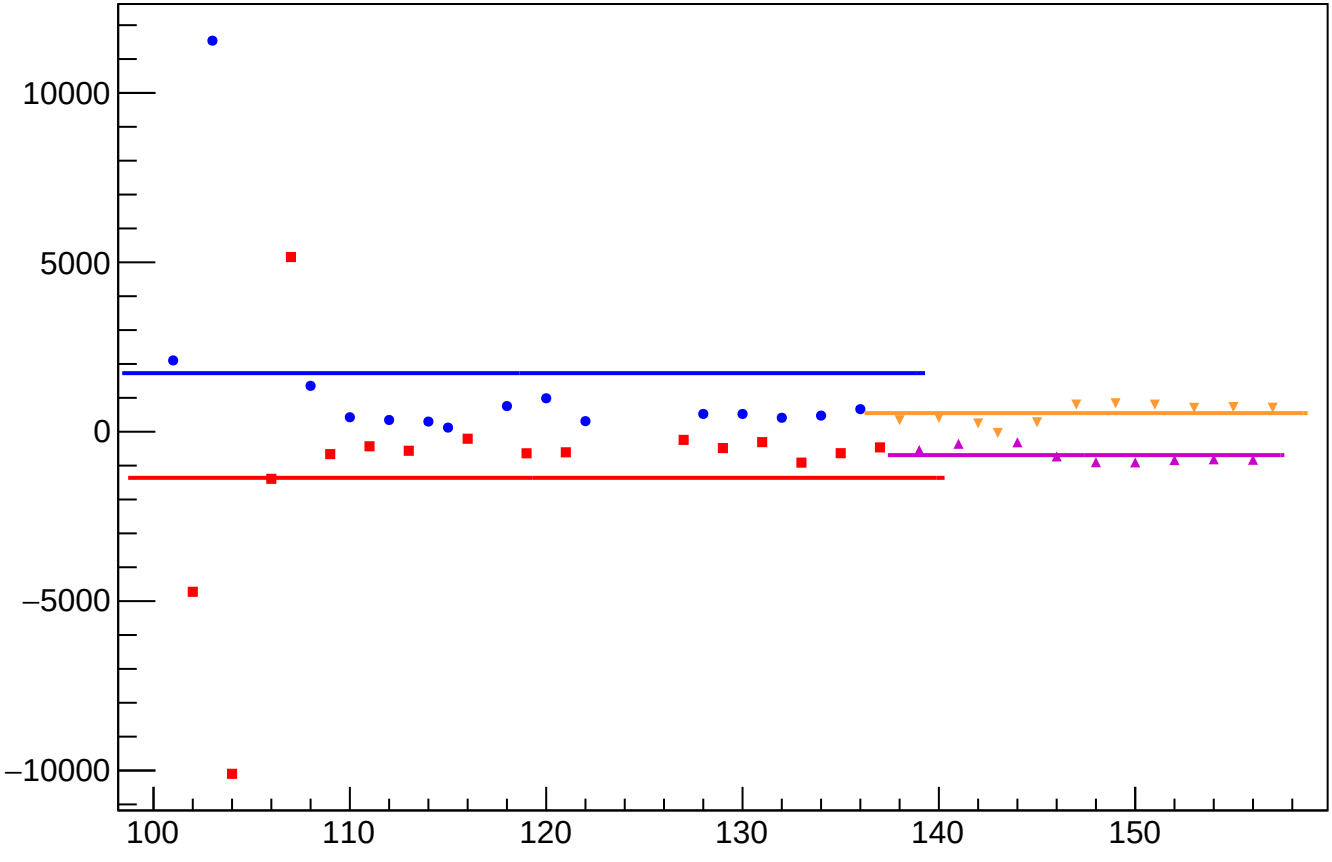
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

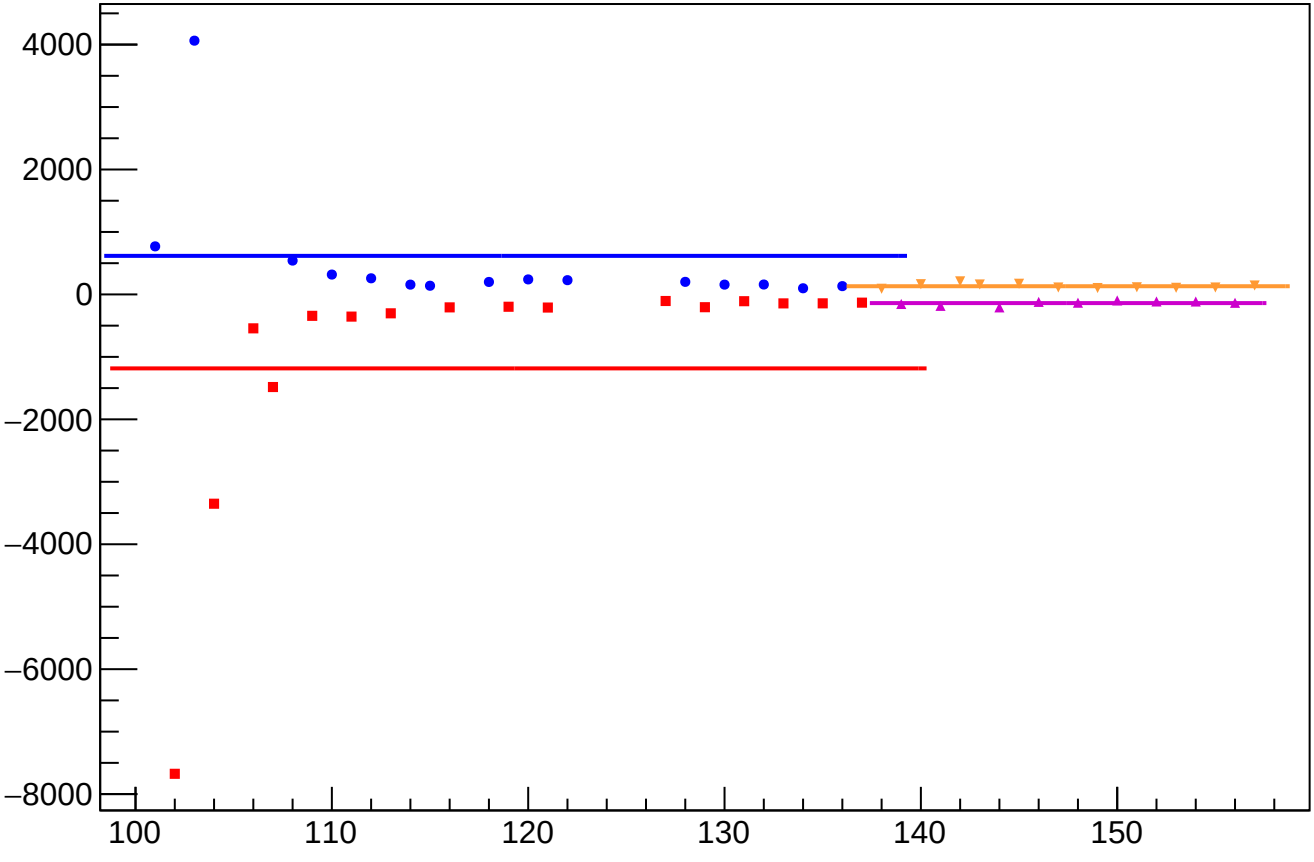
All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -44.229+/-0.000 χ^2/NDF: 7152269324248187
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 549.683+/-0.000 χ^2/NDF:618948548166787630676826511183026585560.0/10
In: 416.794+/-0.000 χ^2/NDF:85105408001696422
Right Out: -1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617446 4.0/15
Out: -297.636+/-0.000 χ^2/NDF:784850710415537
Left In: -690.658+/-0.000 χ^2/NDF:367541031022171314889290836246265856 00.0/8
All: 49.065+/-0.000 χ^2/NDF: 1673157994114

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: 1.851+/-0.000 χ^2/NDF: 310414510061819785

Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 131.152+/-0.000 χ^2/NDF:898463053846950201060313734345392128.0/10

In: 207.231+/-0.000 χ^2/NDF:9945635037014206

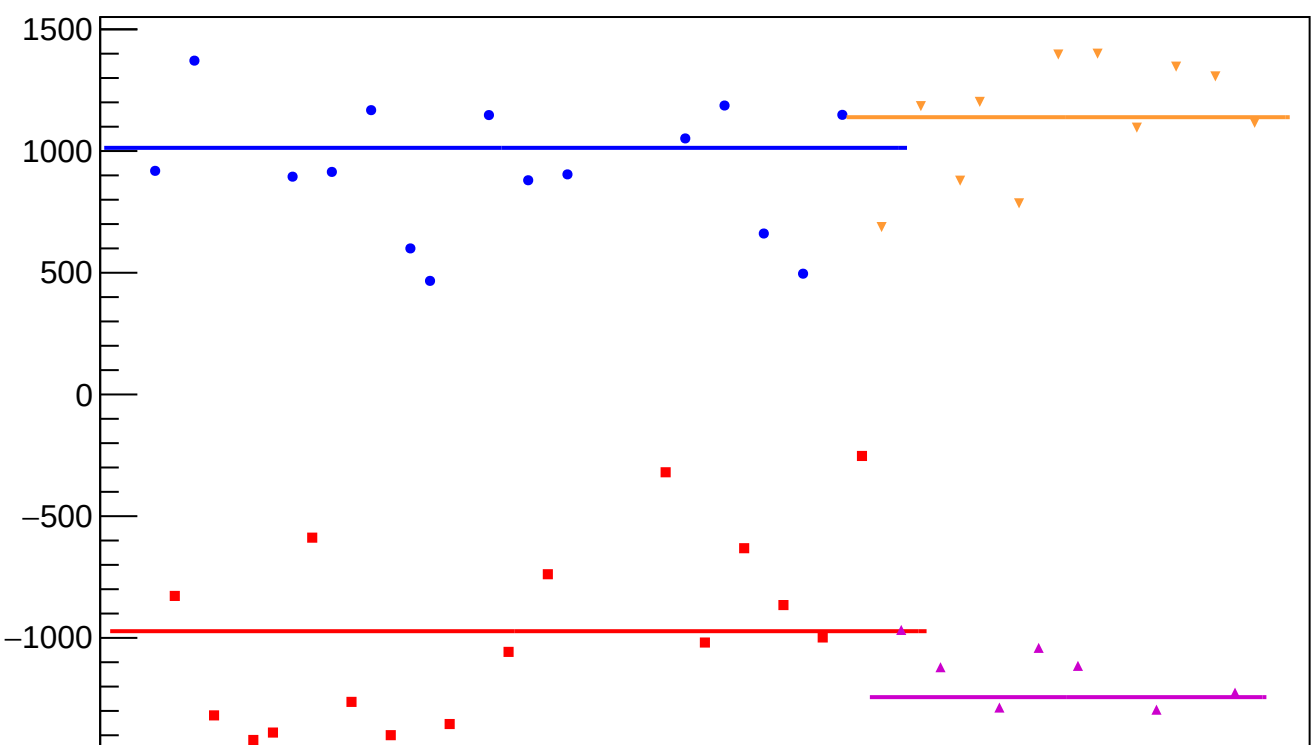
Right Out: -1184.322+/-0.000 χ^2/NDF: 316742304312124266656353582049655993139 2.0/15

Out: -452.239+/-0.000 χ^2/NDF:381066595470294

Left In: -138.884+/-0.000 χ^2/NDF:918322482445729949085424697670107136.0/8

All: -132.209+/-0.000 χ^2/NDF: 5122649950 7

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

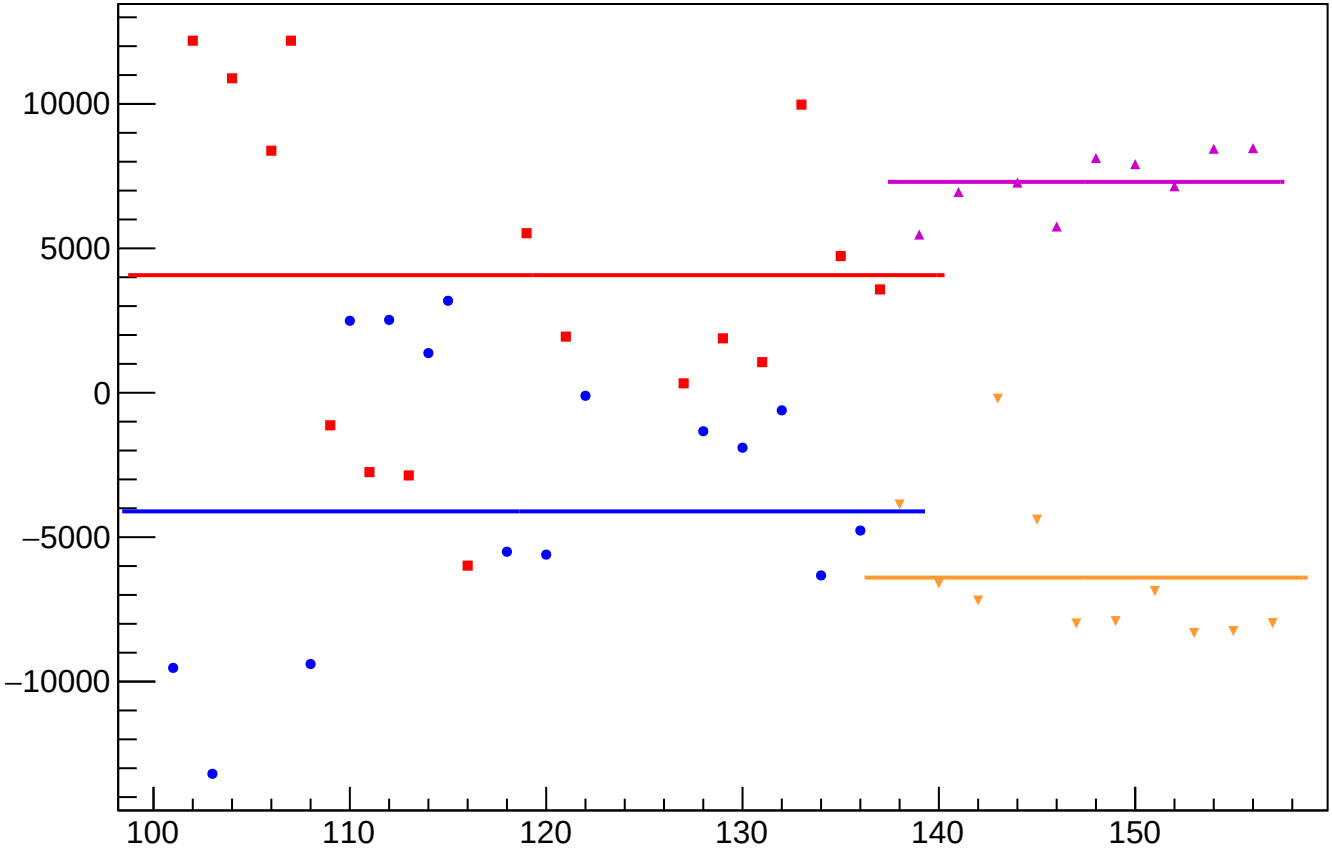
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

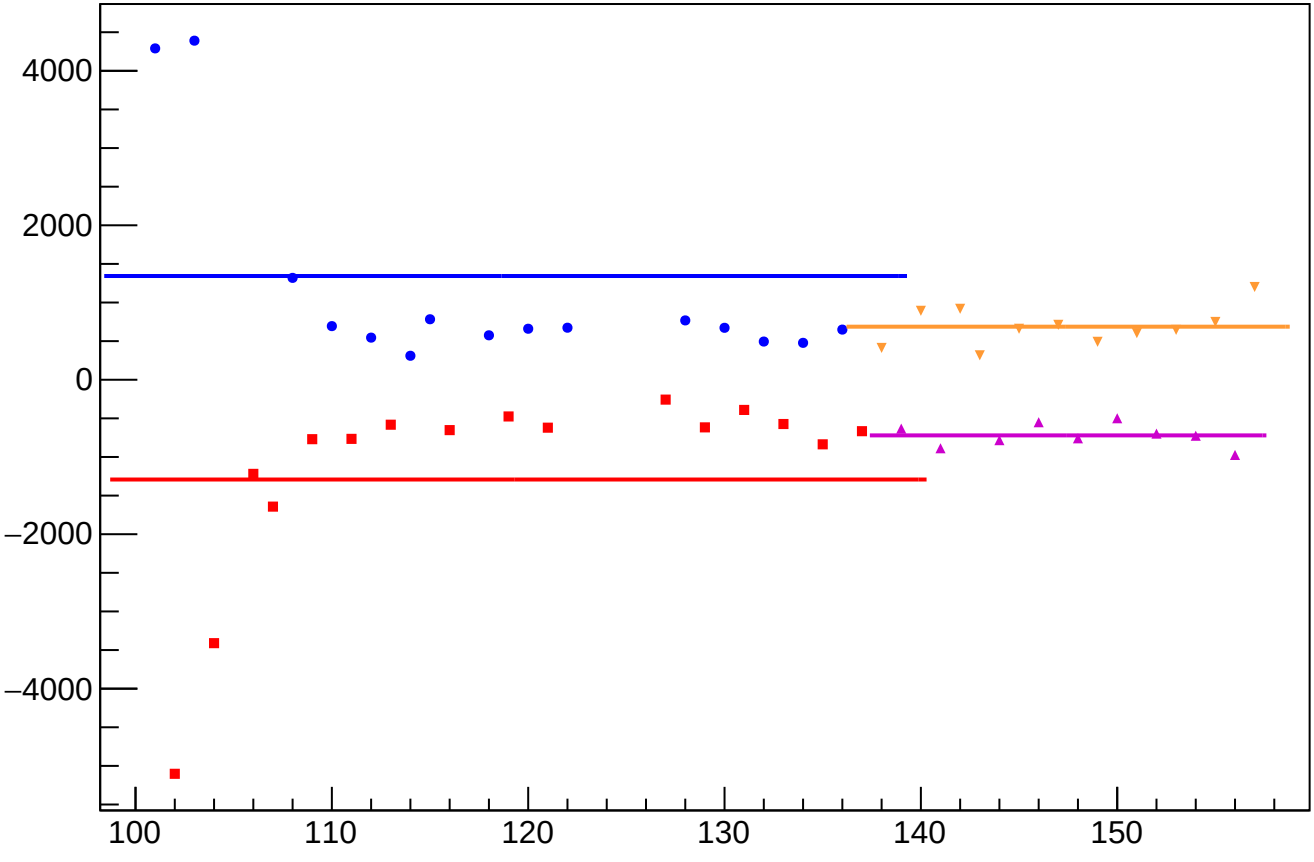
All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_atl2_coil6_mean vs Slug, Sign Corrected



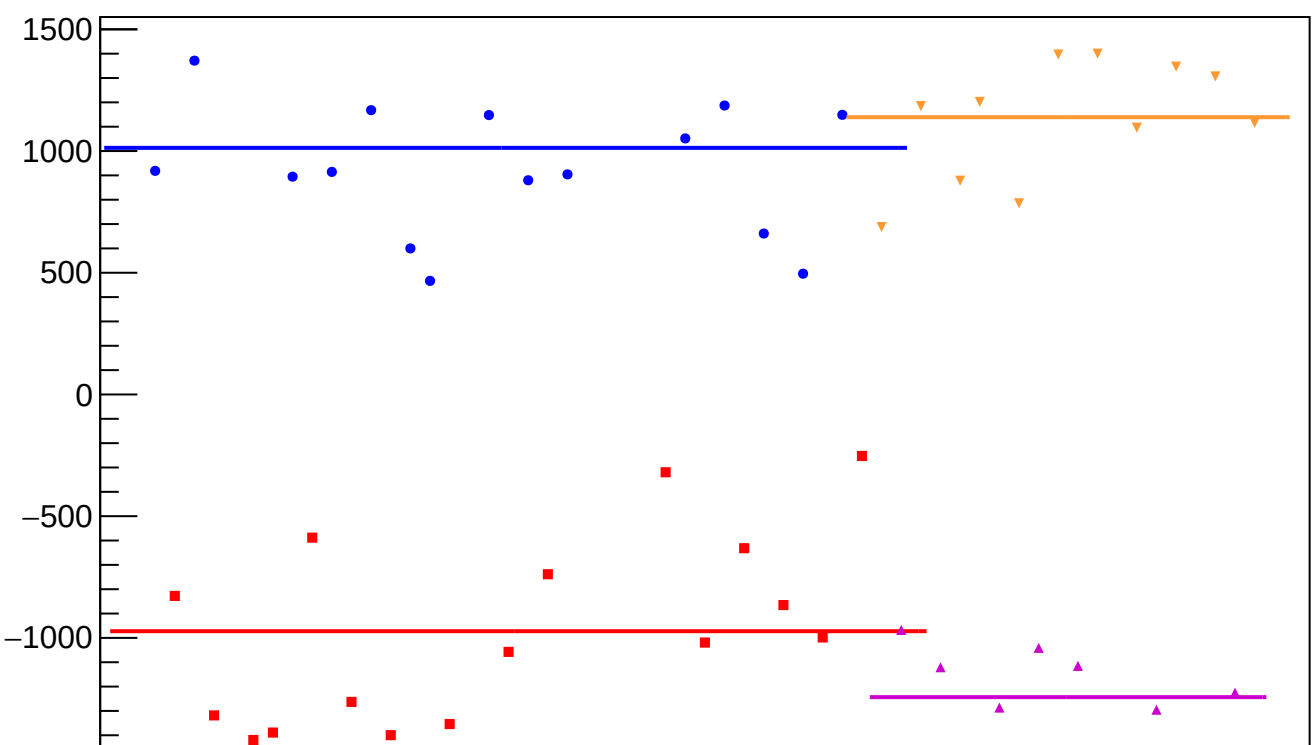
Left: 160.630+/-0.000 χ^2/NDF: 806631537096463
Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14
Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786
Left Out: -6400.408+/-0.000 χ^2/NDF:46177618038282253967031742271407710535 68.0/10
In: 2079.960+/-0.000 χ^2/NDF:611411104445100 9
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15
Out: -1756.009+/-0.000 χ^2/NDF:65695437023275
Left In: 7301.839+/-0.000 χ^2/NDF:798282769992928292691781955525751603200.0/8
All: 105.526+/-0.000 χ^2/NDF: 13757629580 5

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: 13.165+/-0.000 χ^2/NDF: 8557785332148683
Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14
Right: 7.741+/-0.000 χ^2/NDF: 4925144417865623
Left Out: 687.150+/-0.000 χ^2/NDF:4621994217071511037016236575042410905 6.0/10
In: 224.129+/-0.000 χ^2/NDF:2832001411056338
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15
Out: -190.481+/-0.000 χ^2/NDF:282347753705438
Left In: -720.417+/-0.000 χ^2/NDF:1551515289545772457182617128701997875 2.0/8
All: 10.722+/-0.000 χ^2/NDF: 578094423403

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

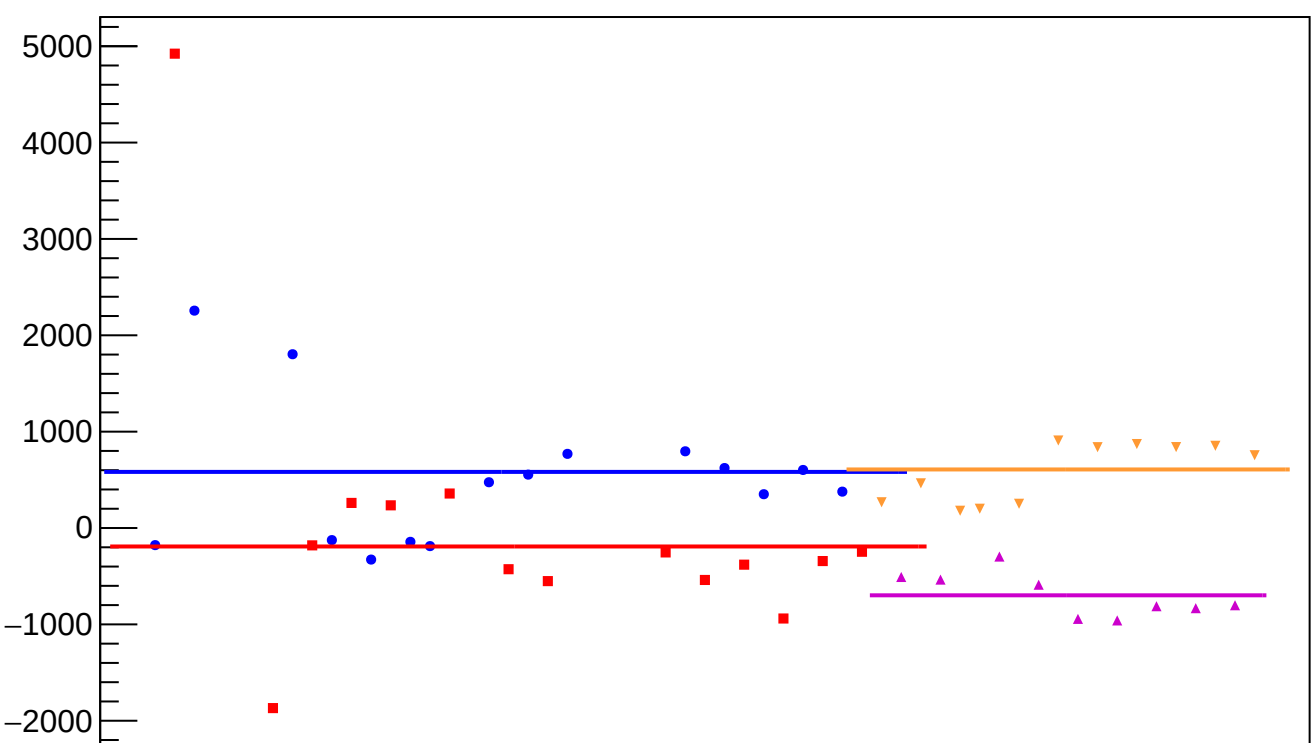
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

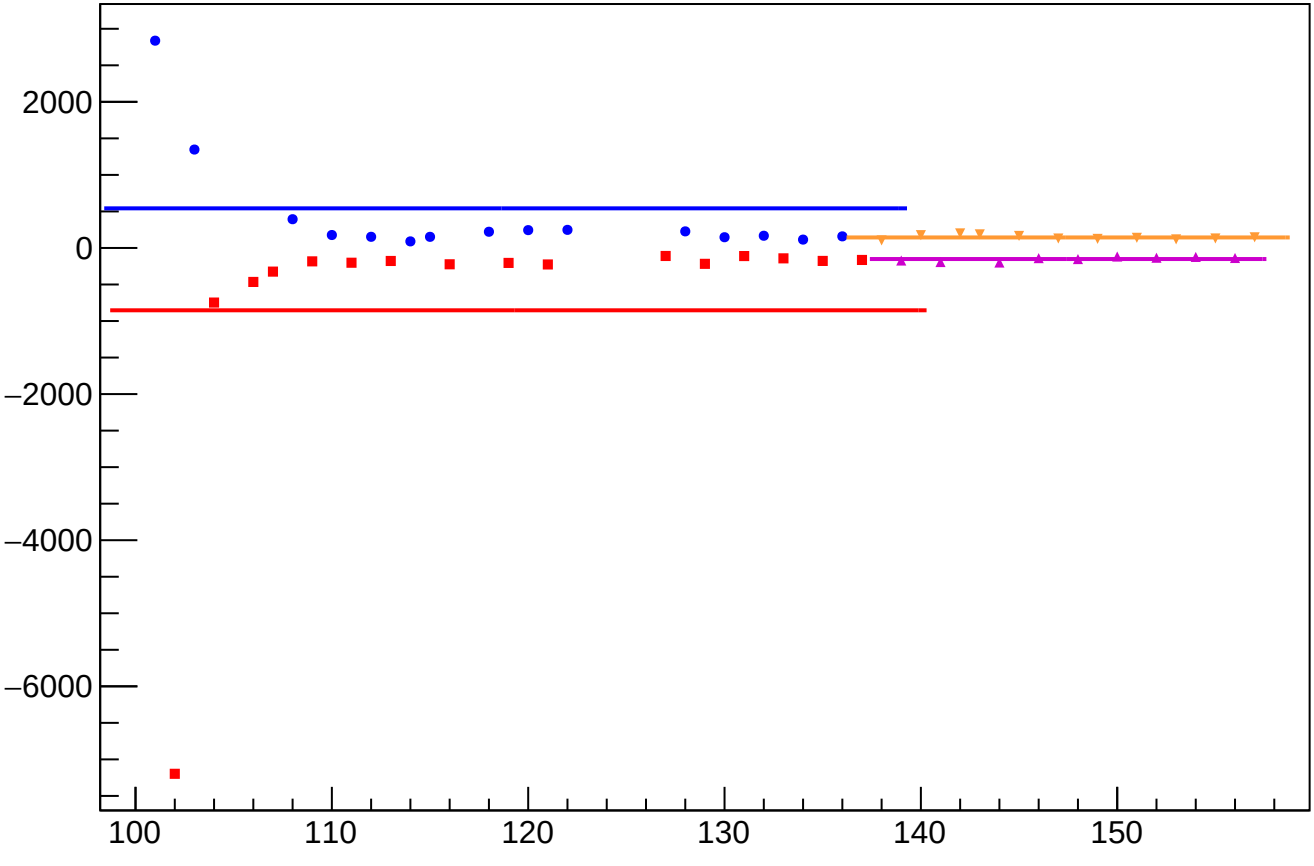
All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -17.672+/-0.000 χ^2/NDF: 7875889091177892
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 607.705+/-0.000 χ^2/NDF:686060663838743524771497583960160993 28.0/10
In: -112.172+/-0.000 χ^2/NDF:9514564484527413
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 253.232+/-0.000 χ^2/NDF:2474513845905264
Left In: -698.349+/-0.000 χ^2/NDF:3534100773449683268353580044294448 7424.0/8
All: 75.907+/-0.000 χ^2/NDF: 3523421887254

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: 2.533+/-0.000 χ^2/NDF: 362312325104826758

Right In: 542.328+/-0.000 χ^2/NDF: 41437881200379554964903404846281706700 8.0/14

Right: -164.982+/-0.000 χ^2/NDF: 36290648240362

Left Out: 143.994+/-0.000 χ^2/NDF:6323295570170710894999420330269736 96.0/10

In: 166.090+/-0.000 χ^2/NDF:5844000148422865

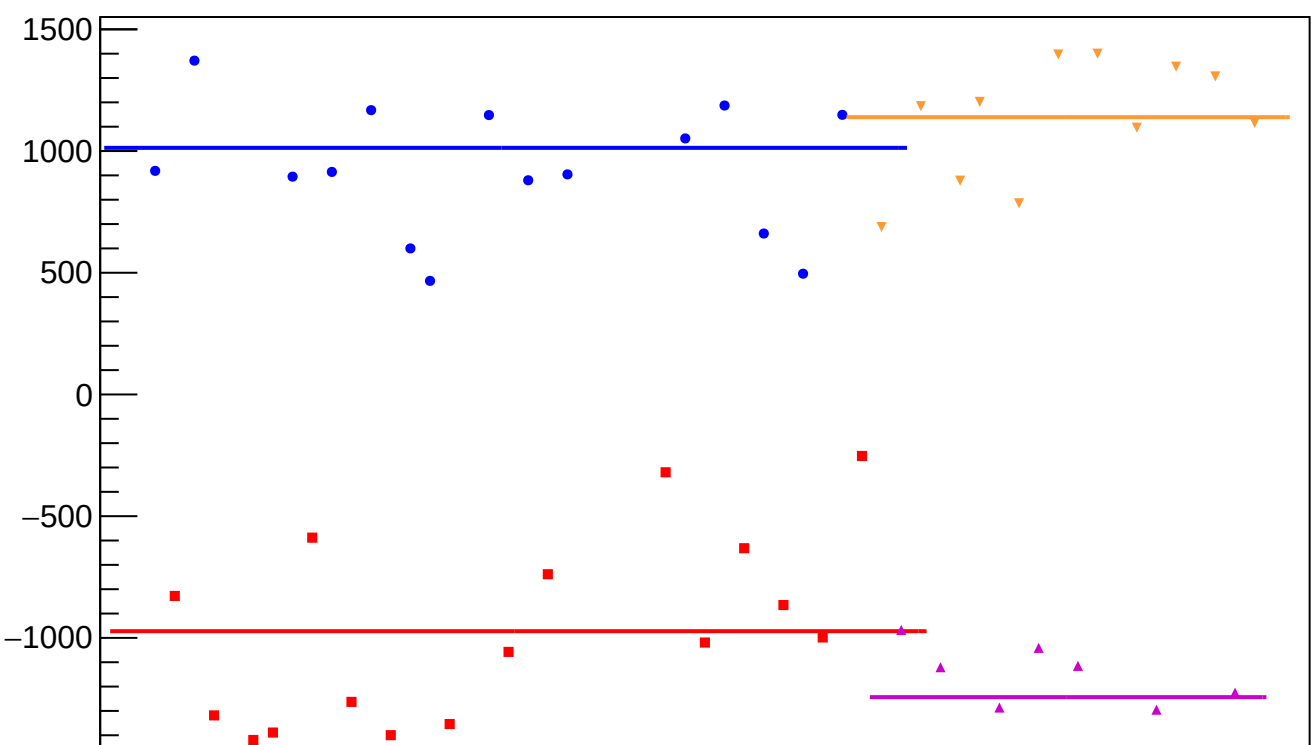
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704 4736.0/15

Out: -298.247+/-0.000 χ^2/NDF:294382675901056

Left In: -151.437+/-0.000 χ^2/NDF:6191656743110673640457919881449308 16.0/8

All: -72.912+/-0.000 χ^2/NDF: 368559282451

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1139.048+/-0.000 χ^2/NDF:4658259448791670960473348624087410278 4.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

Left: -1.724+/-0.000 χ^2/NDF: 2350925842415743 7

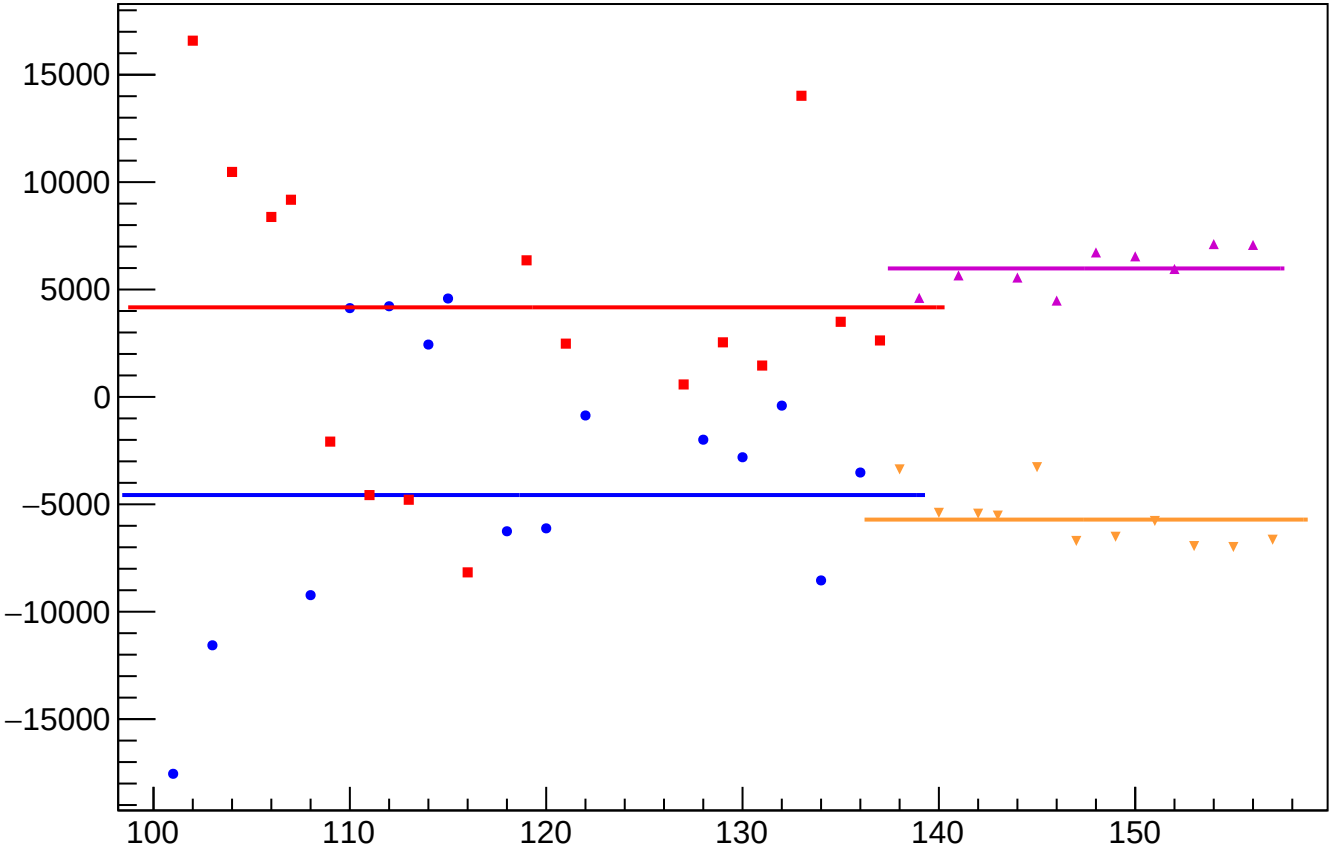
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -210.592+/-0.000 χ^2/NDF:185340956142689 9

Out: 202.626+/-0.000 χ^2/NDF:178043959392758 3

All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_atr2_coil6_mean vs Slug, Sign Corrected



Left: -112.316+/-0.000 χ^2/NDF: 568249366361776

Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14

Right: -138.996+/-0.000 χ^2/NDF: 80283768430562

Left Out: -5711.067+/-0.000 χ^2/NDF:1382603187278234857939004680891122319360.0/10

In: 1153.003+/-0.000 χ^2/NDF:640169005051074

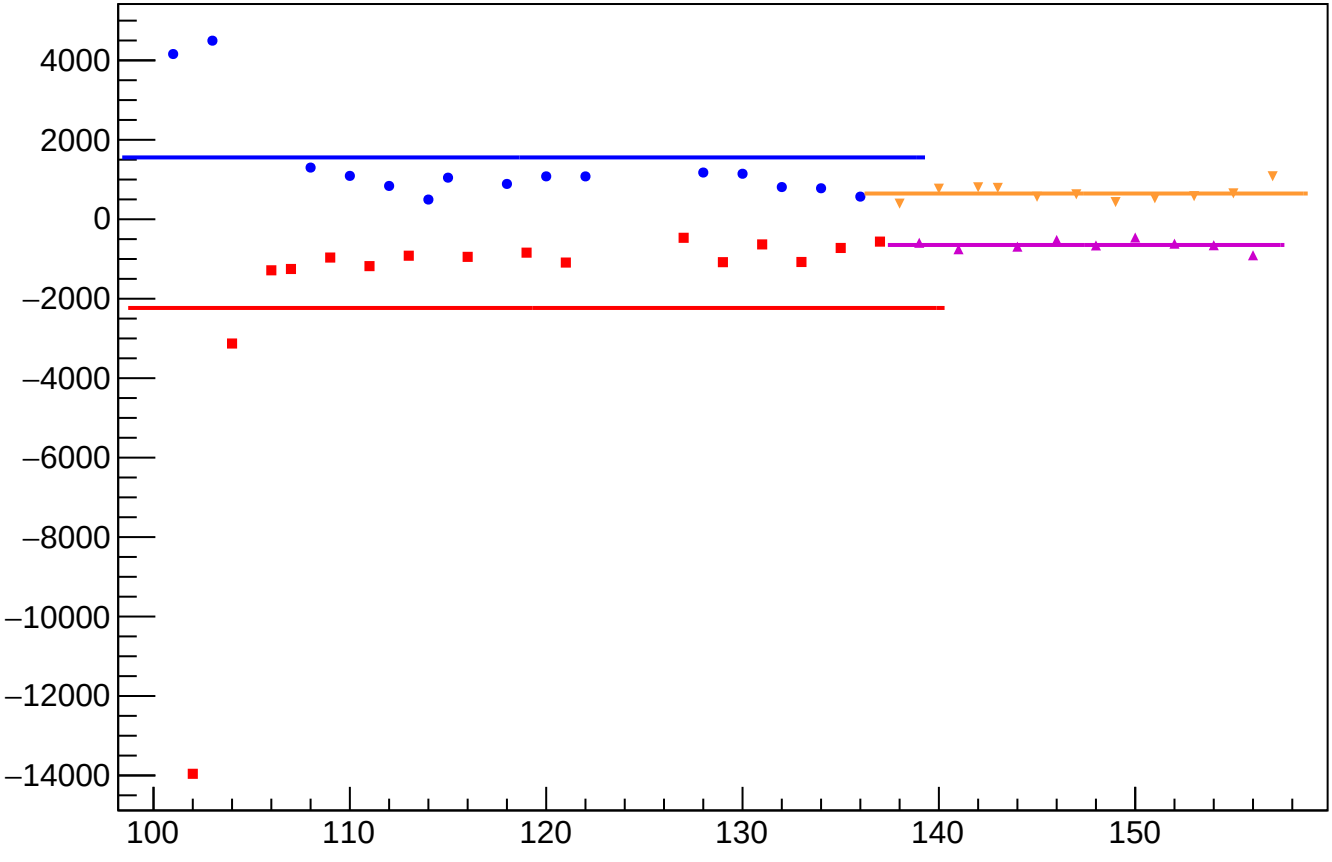
Right Out: 4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302412 8.0/15

Out: -1328.629+/-0.000 χ^2/NDF:68597434699447

Left In: 5981.512+/-0.000 χ^2/NDF:6491050352765064585359381181719054909 44.0/8

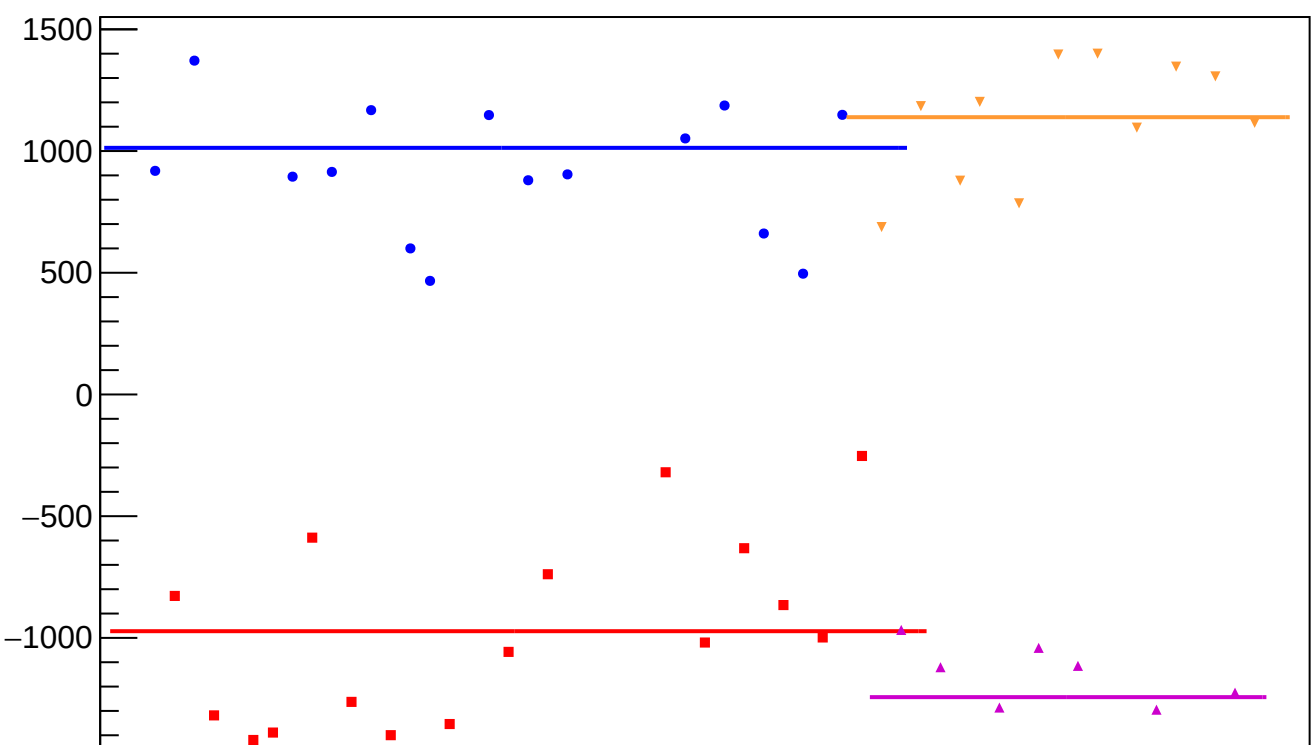
All: -124.333+/-0.000 χ^2/NDF: 1371092199 2

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 27.975+/-0.000 χ^2/NDF: 7133414001005119
Right In: 1556.763+/-0.000 χ^2/NDF: 113936423921860056719185513175693079347 2.0/14
Right: -363.793+/-0.000 χ^2/NDF: 14852877470384
Left Out: 648.146+/-0.000 χ^2/NDF:2961518573643347101780873244074573 8240.0/10
In: 361.614+/-0.000 χ^2/NDF:2860164111757305
Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15
Out: -629.384+/-0.000 χ^2/NDF:121002837101497
Left In: -647.036+/-0.000 χ^2/NDF:1141931234648378913454719606028081 5616.0/8
All: -148.468+/-0.000 χ^2/NDF: 15677233053

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

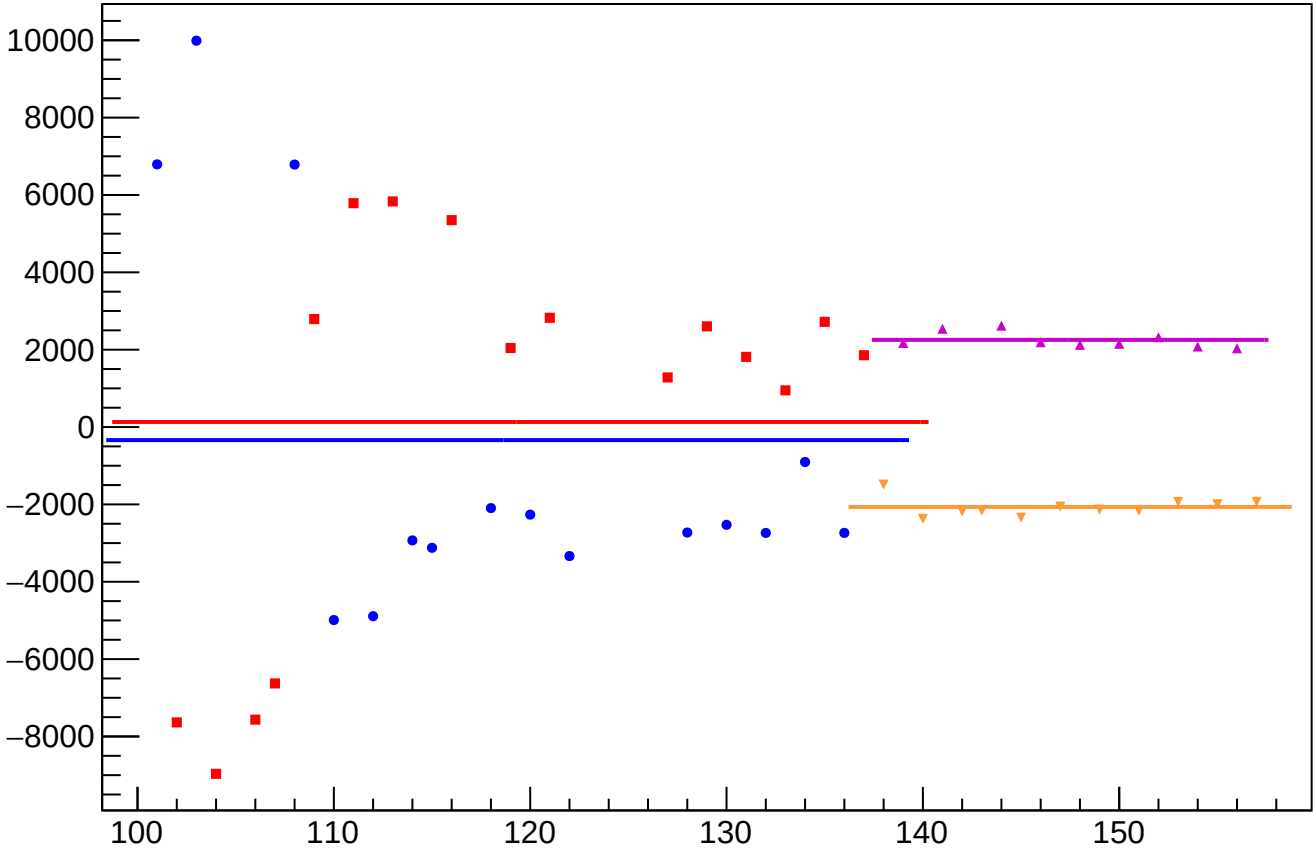
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

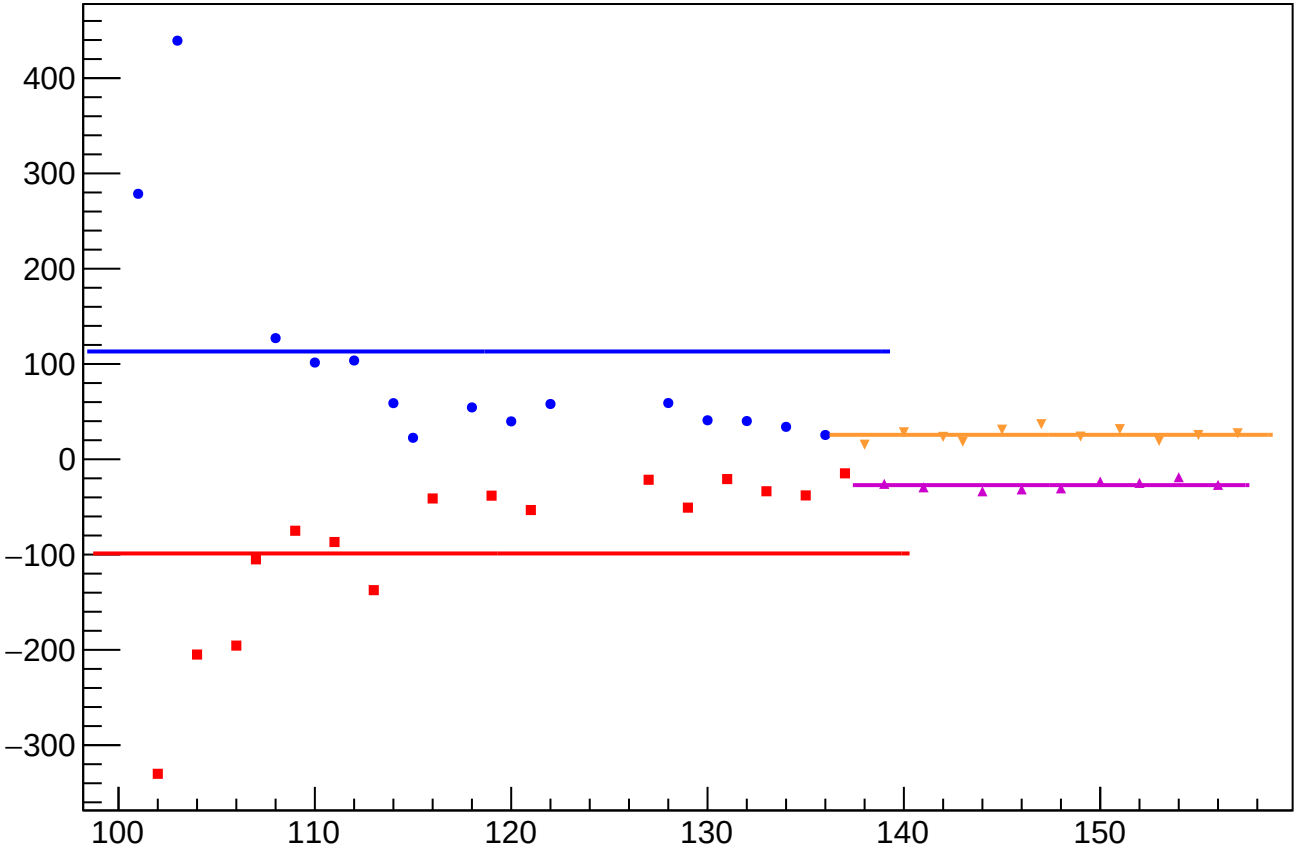
All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 2.477+/-0.000 χ^2/NDF: 75532171437423570
Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14
Right: -99.949+/-0.000 χ^2/NDF: 316982138957514
Left Out: -2065.919+/-0.000 χ^2/NDF:457449954291595981468780472654343700 48.0/10
In: 1067.615+/-0.000 χ^2/NDF:175455110559250 9
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15
Out: -1091.378+/-0.000 χ^2/NDF:18311412958513
Left In: 2253.774+/-0.000 χ^2/NDF:2901501142154822551126696162630828032 0.0/8
All: -43.653+/-0.000 χ^2/NDF: 392590193701

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: 0.388+/-0.000 χ^2/NDF: 116341666992118193

Right In: 113.134+/-0.000 χ^2/NDF: 99896383543320040174581924338744688 64.0/14

Right: 5.701+/-0.000 χ^2/NDF: 3027917603643611 1

Left Out: 25.669+/-0.000 χ^2/NDF:3136139143844533397595095583581 7984.0/10

In: 37.067+/-0.000 χ^2/NDF:16928808483406669 9

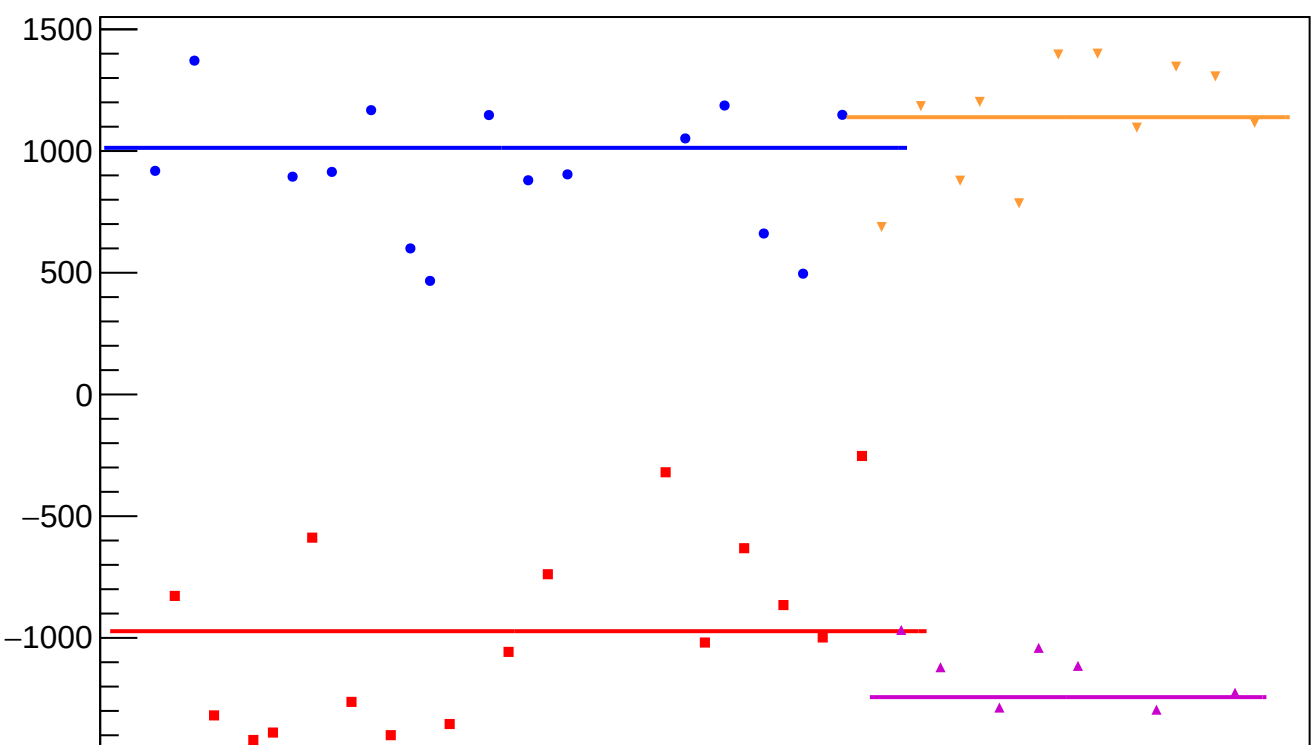
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -29.546+/-0.000 χ^2/NDF:1129555885796811

Left In: -27.129+/-0.000 χ^2/NDF:1482968761066485477403823593383526 4.0/8

All: 2.781+/-0.000 χ^2/NDF: 3146300876921 3

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

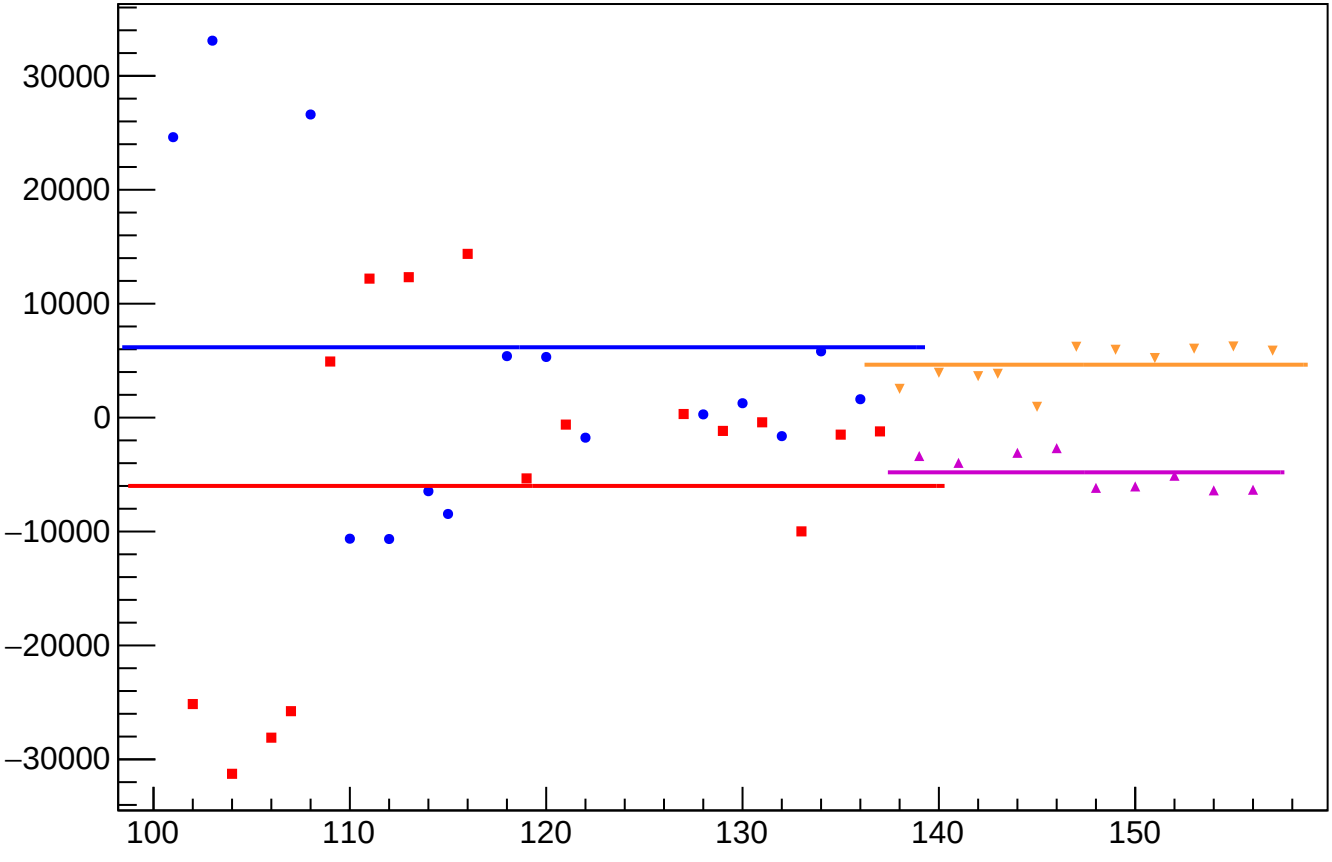
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_sam2_coil6_mean vs Slug, Sign Corrected



Left: 120.564+/-0.000 χ^2/NDF: 3979241188015493

Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14

Right: 6.138+/-0.000 χ^2/NDF: 30305507427747676

Left Out: 4644.462+/-0.000 χ^2/NDF:24446940007340072436344652619381924167 68.0/10

In: 221.513+/-0.000 χ^2/NDF:1612581363172488 6

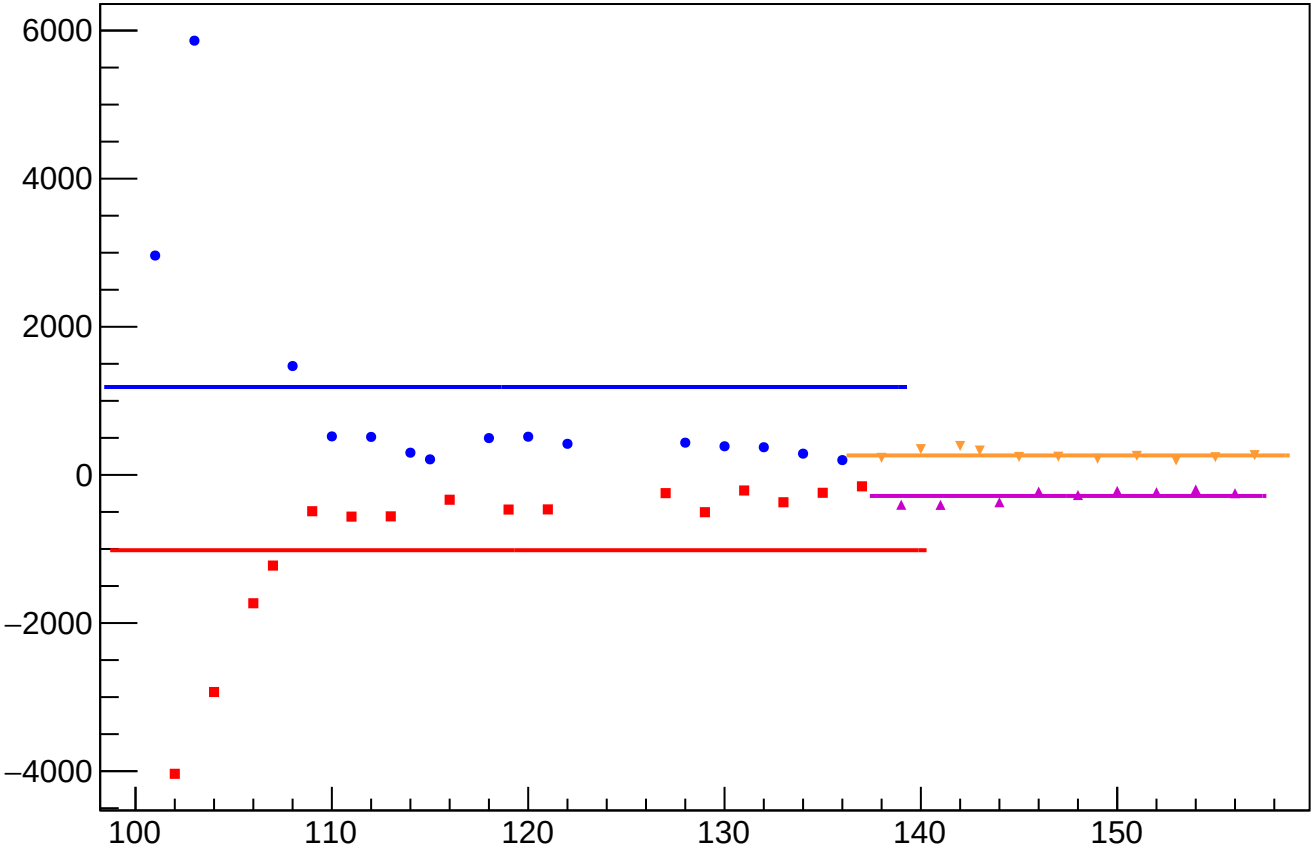
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15

Out: -74.735+/-0.000 χ^2/NDF:1815347647589033

Left In: -4803.367+/-0.000 χ^2/NDF:1573484264489573355428913975903542837248.0/8

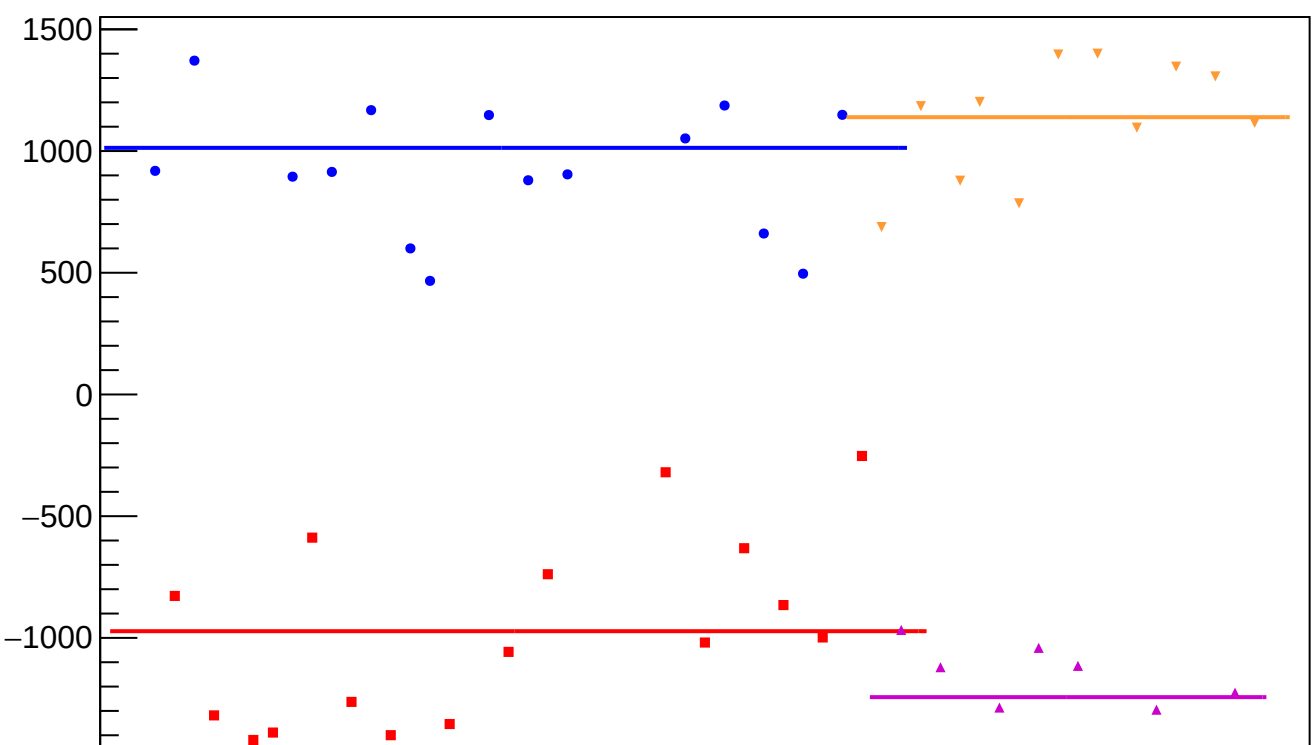
All: 69.029+/-0.000 χ^2/NDF: 3428569565173

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: 1.039+/-0.000 χ^2/NDF: 1270569909340482314
Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14
Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683
Left Out: 262.971+/-0.000 χ^2/NDF:2383740063457592215255340835556818944.0/10
In: 389.157+/-0.000 χ^2/NDF:2562693155161567
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15
Out: -304.557+/-0.000 χ^2/NDF:153791515191055
Left In: -284.054+/-0.000 χ^2/NDF:4744968668201335453847267819177115648.0/8
All: 32.092+/-0.000 χ^2/NDF: 4451848884365

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

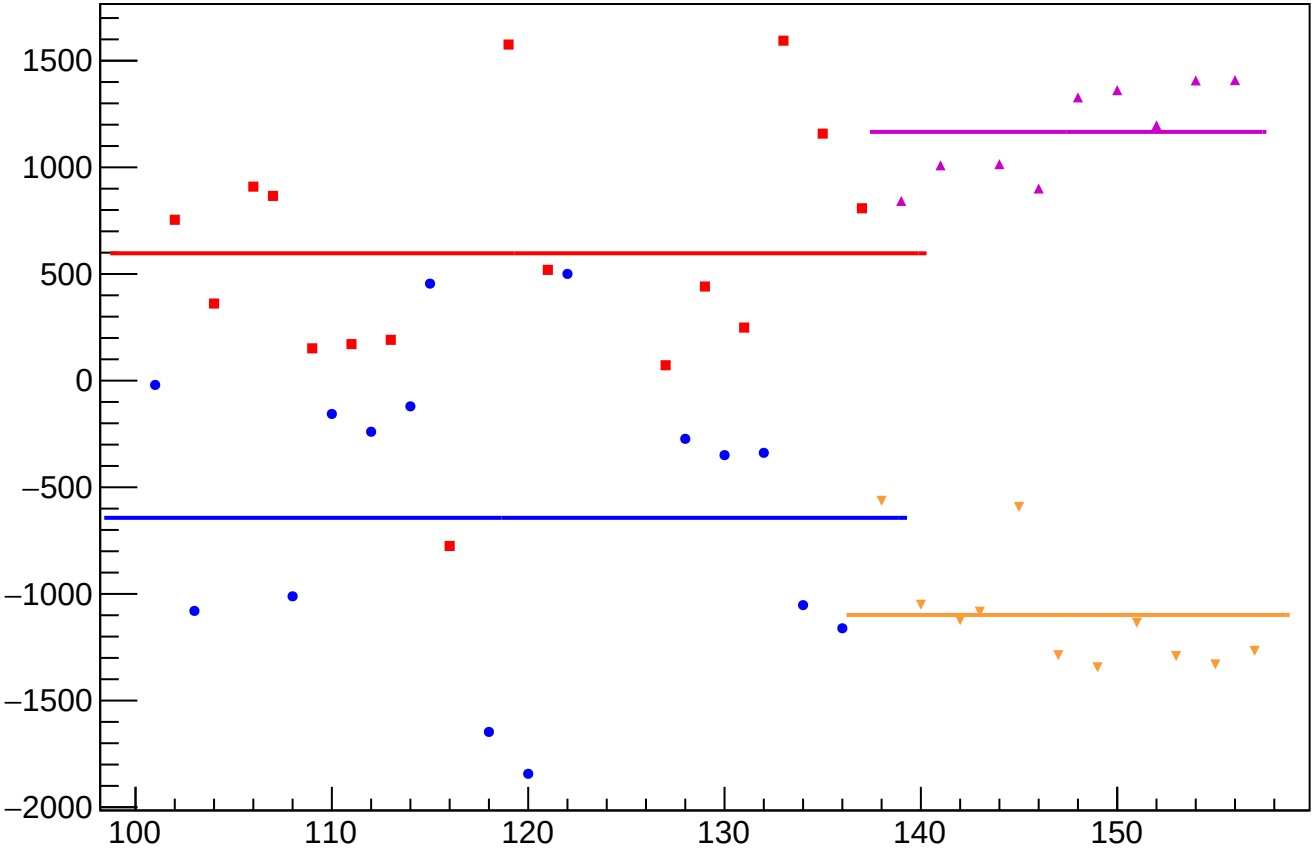
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_sam3_coil6_mean vs Slug, Sign Corrected



Left: -14.073+/-0.000 χ^2/NDF: 2150649725548142

Right In: -643.217+/-0.000 χ^2/NDF: 272726964608206694027285159784925364224.0/14

Right: -14.605+/-0.000 χ^2/NDF: 989448118075246

Left Out: -1098.481+/-0.000 χ^2/NDF:60971240256337713542797013471696257024.0/10

In: 338.067+/-0.000 χ^2/NDF:1459196370261654

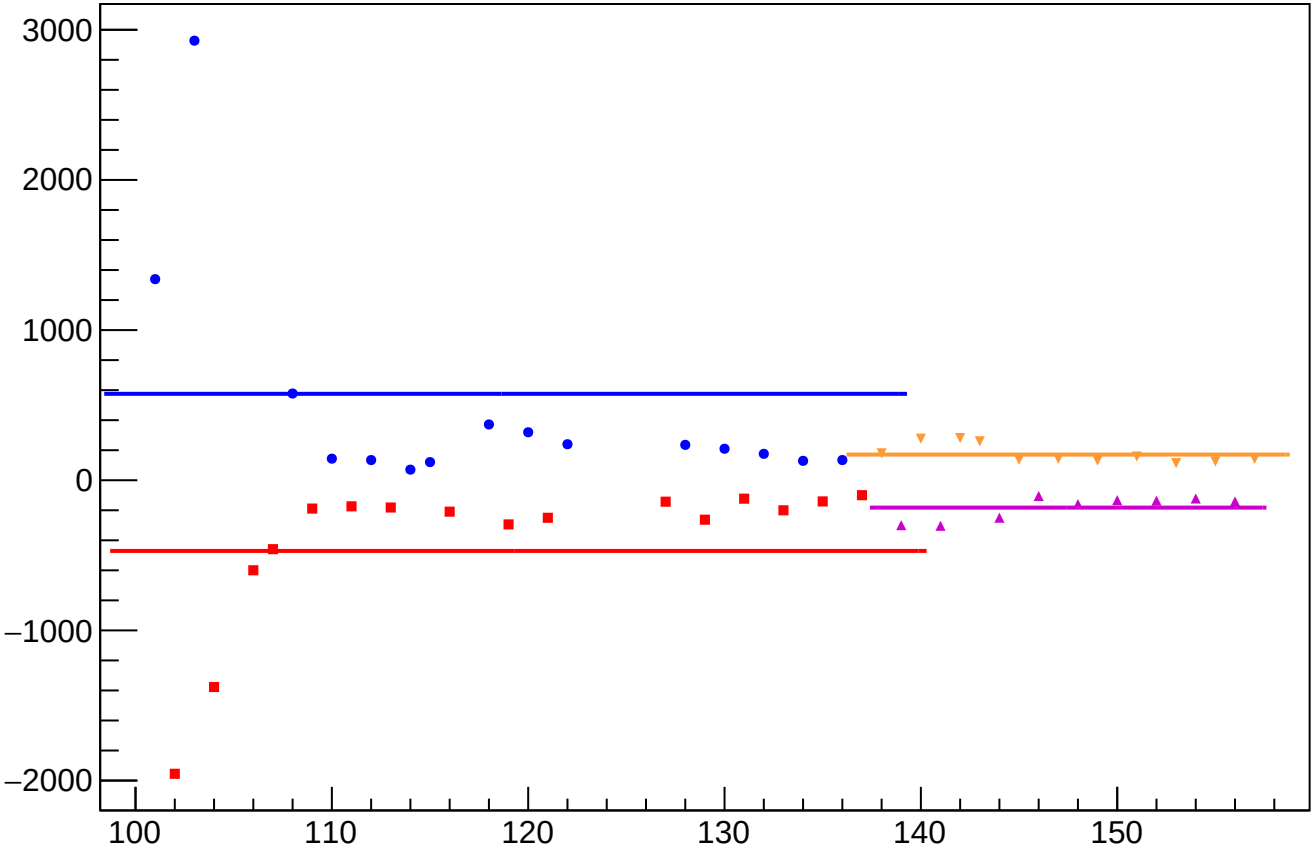
Right Out: 597.043+/-0.000 χ^2/NDF: 210733370798031449363504004319005376512.0/15

Out: -346.543+/-0.000 χ^2/NDF:133881921767131

Left In: 1166.225+/-0.000 χ^2/NDF:341195107473560421588914708757725839 36.0/8

All: -14.313+/-0.000 χ^2/NDF: 314009804854

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: 1.853+/-0.000 χ^2/NDF: 570003347024262322

Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510

Left Out: 170.991+/-0.000 χ^2/NDF:282073436677049445882840410720357 5808.0/10

In: 164.578+/-0.000 χ^2/NDF:6389533392291669 5

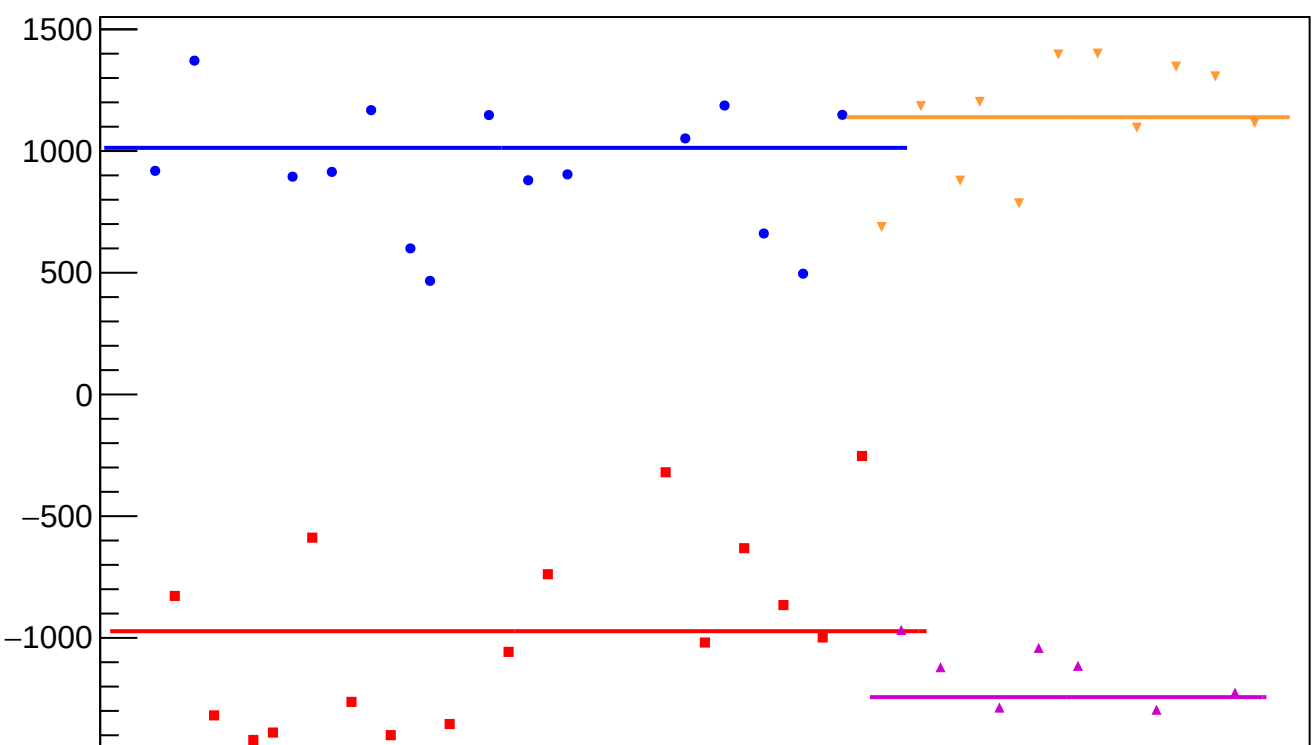
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

Out: -113.596+/-0.000 χ^2/NDF:364985357749511

Left In: -182.242+/-0.000 χ^2/NDF:417279255451339596891202368179273 7280.0/8

All: 21.398+/-0.000 χ^2/NDF: 1060416441519

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

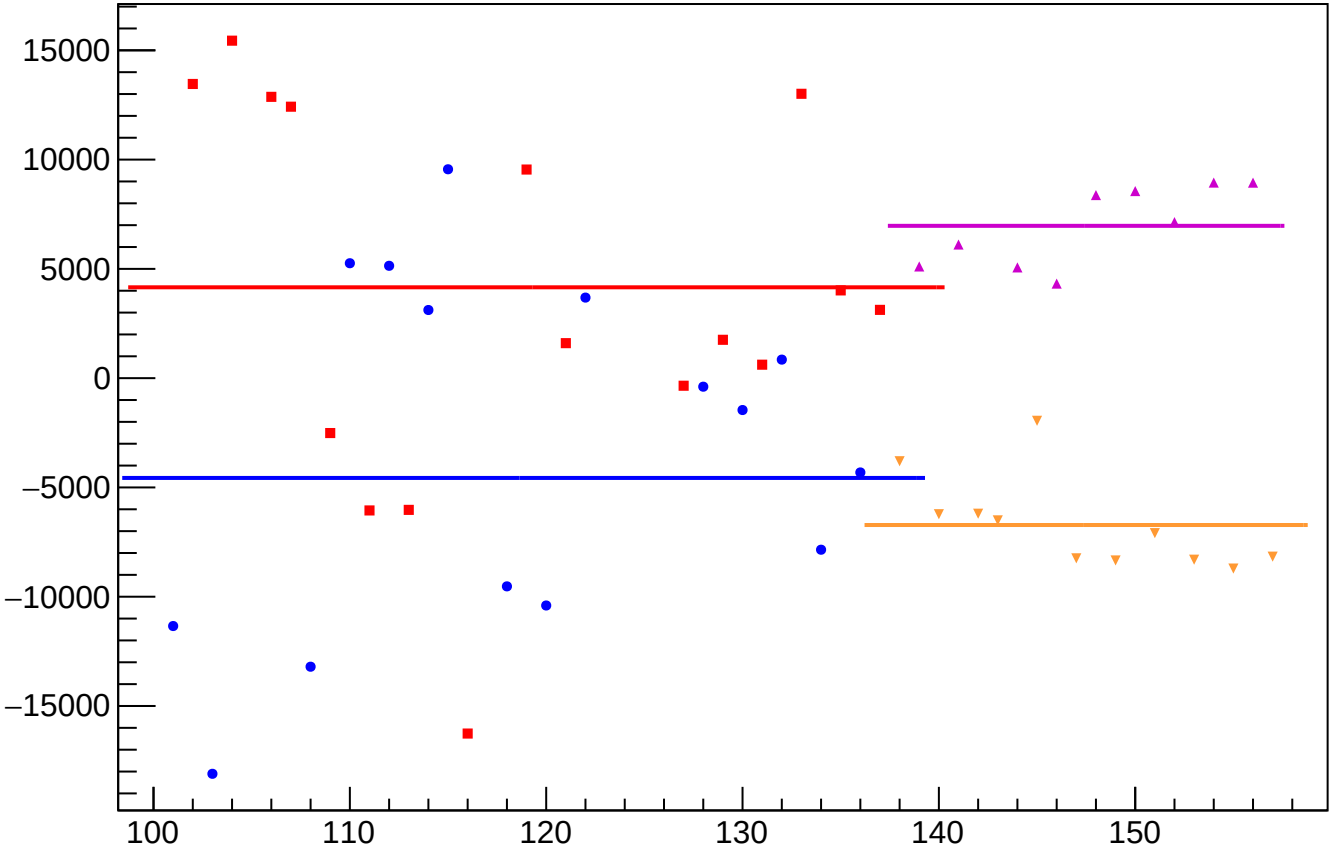
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: -164.527+/-0.000 χ^2/NDF: 810585268058814

Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14

Right: -144.626+/-0.000 χ^2/NDF: 10623220696347

Left Out: -6719.299+/-0.000 χ^2/NDF:36509948109238249756598727794968703795 20.0/10

In: 1690.318+/-0.000 χ^2/NDF:848047050219013

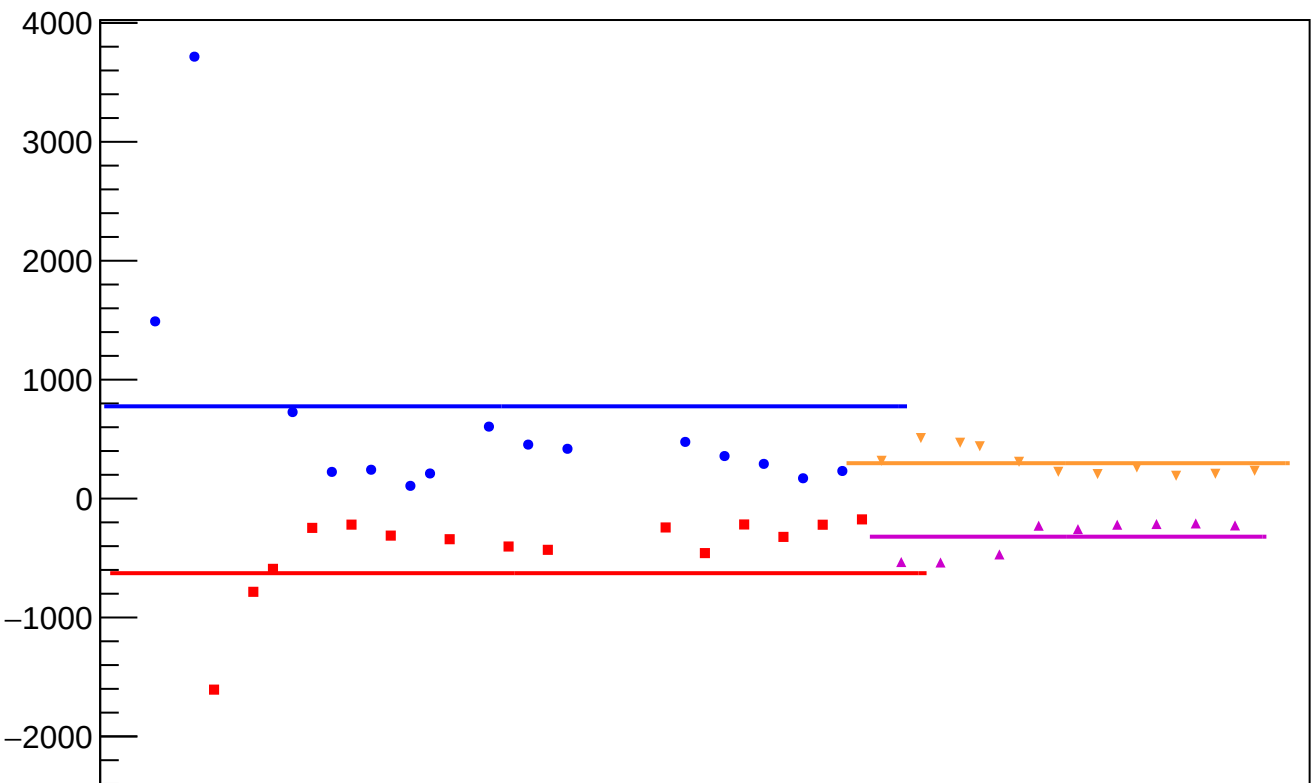
Right Out: 4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219596 8.0/15

Out: -1895.897+/-0.000 χ^2/NDF:93099542347852

Left In: 6969.861+/-0.000 χ^2/NDF:2304089812085191944184041537597689823232.0/8

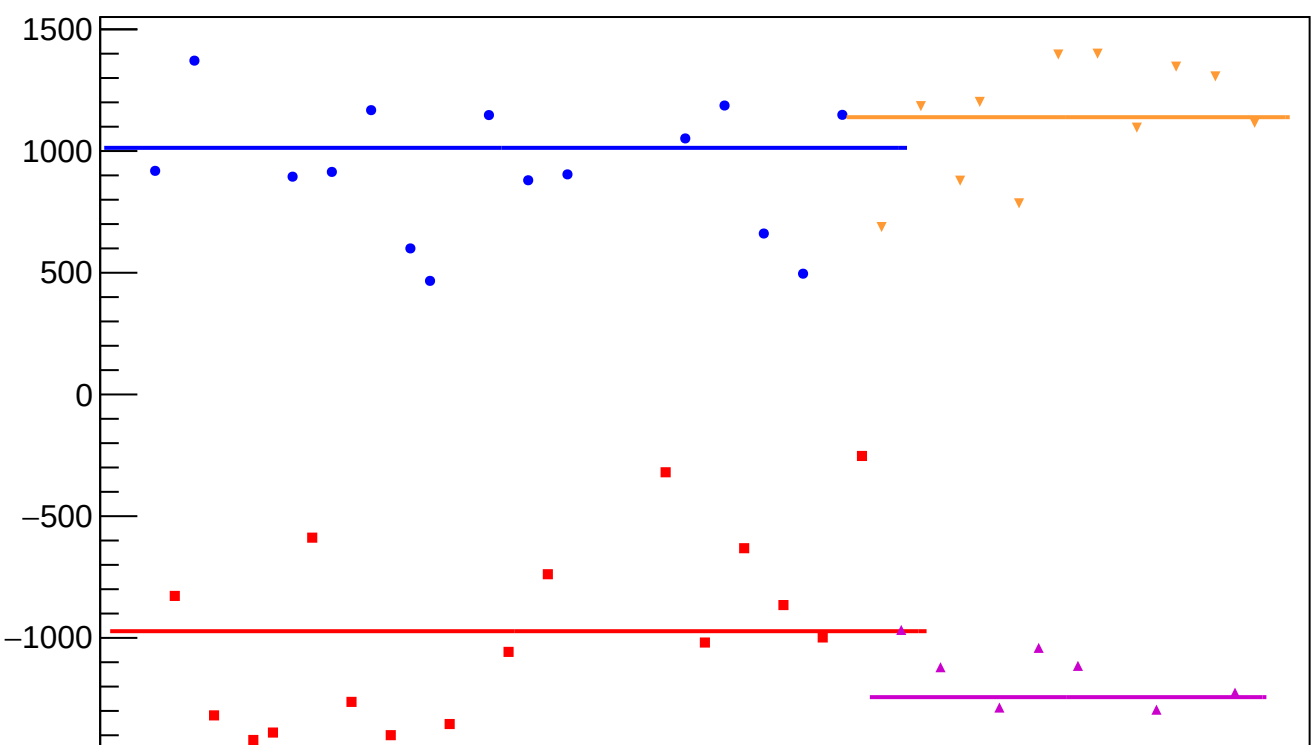
All: -155.564+/-0.000 χ^2/NDF: 18729102023

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: 1.674+/-0.000 χ^2/NDF: 17705751044751270
Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14
Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642
Left Out: 297.603+/-0.000 χ^2/NDF:953552197135601920038504160013844480 0.0/10
In: 181.314+/-0.000 χ^2/NDF:1079270733028084
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15
Out: -112.583+/-0.000 χ^2/NDF:624601614598338
Left In: -320.424+/-0.000 χ^2/NDF:1444058488910605547714950433245390438 4.0/8
All: 30.041+/-0.000 χ^2/NDF: 176691503128

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

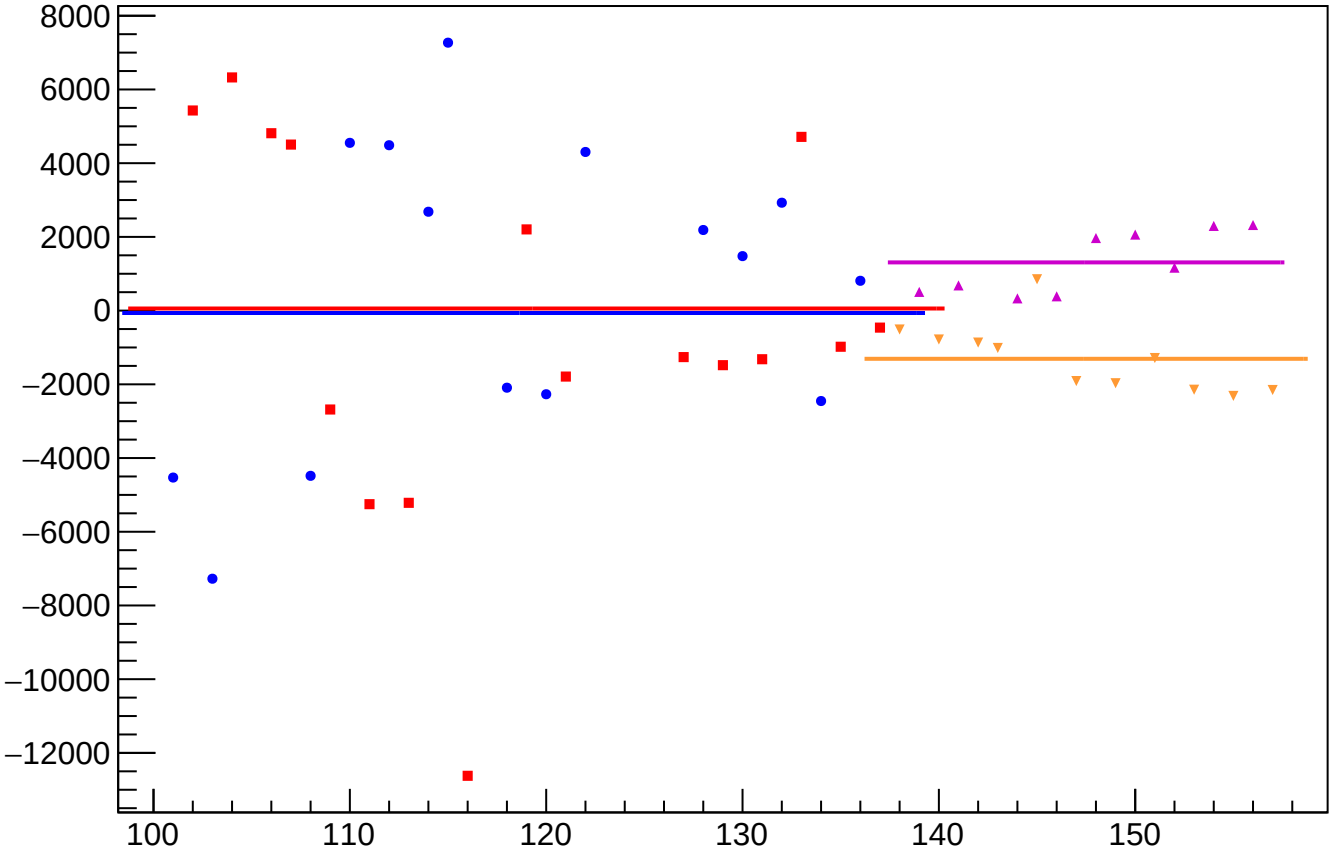
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_sam5_coil6_mean vs Slug, Sign Corrected



Left: -55.049+/-0.000 χ^2/NDF: 3968439700138738

Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095

Left Out: -1307.429+/-0.000 χ^2/NDF:72681561490909025370941920864442830028 8.0/10

In: 679.750+/-0.000 χ^2/NDF:1077749006069942

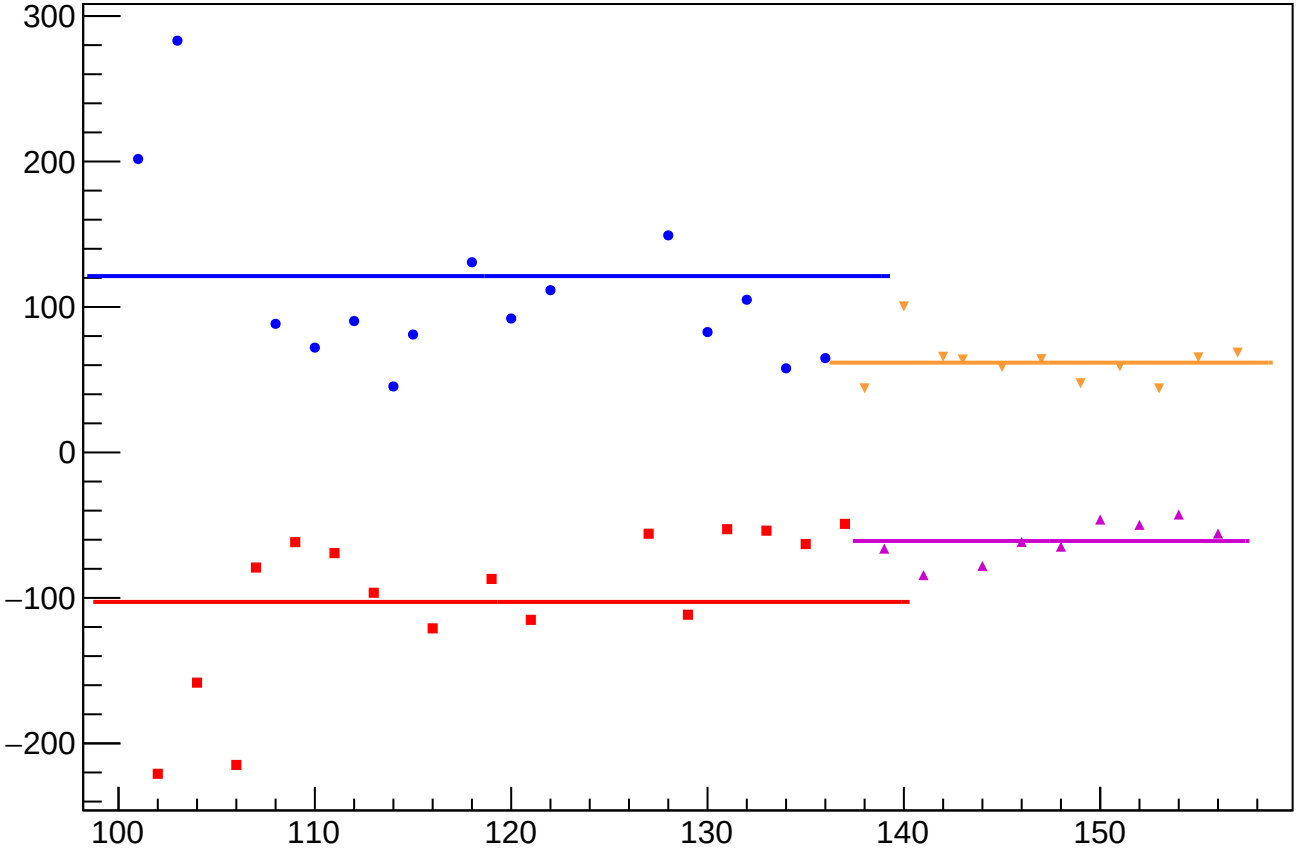
Right Out: 57.229+/-0.000 χ^2/NDF: 137809589770087023019425054543871779799 04.0/15

Out: -702.225+/-0.000 χ^2/NDF:151990497551381

Left In: 1308.075+/-0.000 χ^2/NDF:49994303878127583120220003752210333696 0.0/8

All: -31.574+/-0.000 χ^2/NDF: 273704814178

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Left: 3.037+/-0.000 χ^2/NDF: 635814326058744679

Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14

Right: 7.708+/-0.000 χ^2/NDF: 2119221329400706 8

Left Out: 61.731+/-0.000 χ^2/NDF:197841006813512188724467111317995520.0/10

In: 22.486+/-0.000 χ^2/NDF:1452956183330057 34

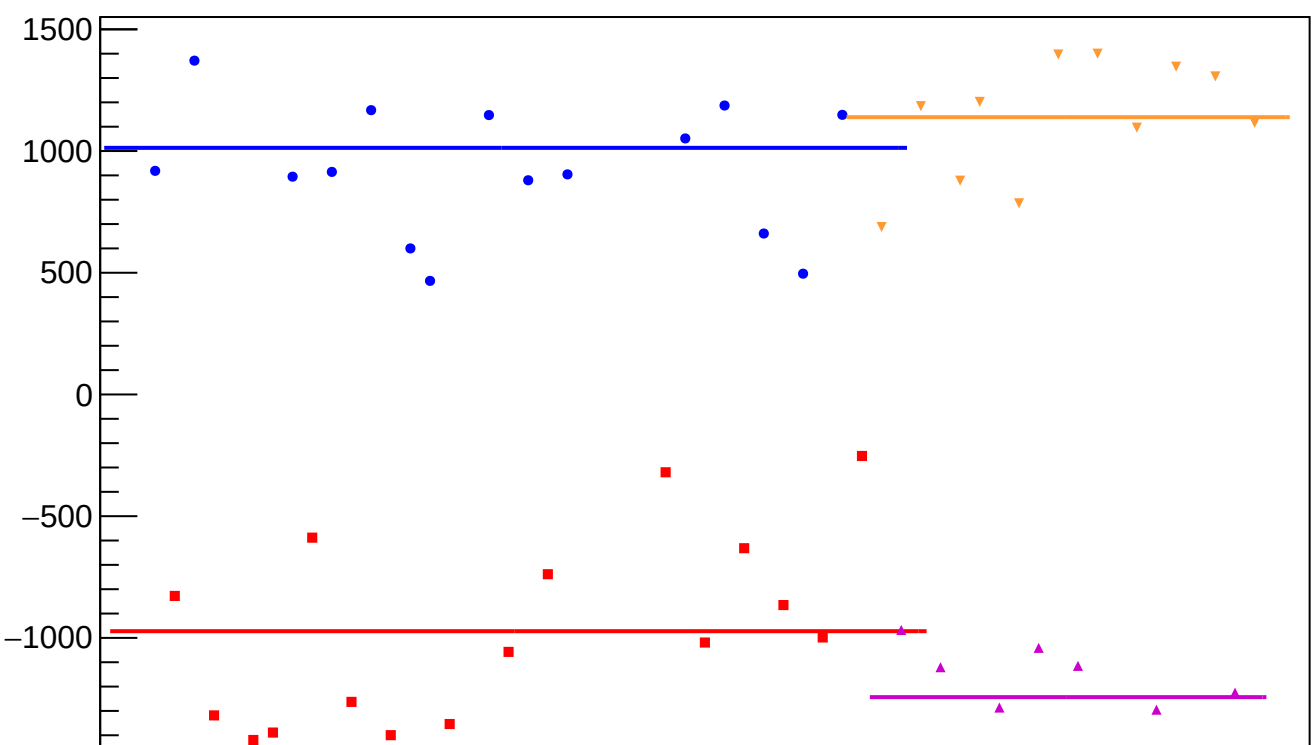
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15

Out: -11.213+/-0.000 χ^2/NDF:1220768626192367

Left In: -60.847+/-0.000 χ^2/NDF:138477254928679776453118534575194112.0/8

All: 5.141+/-0.000 χ^2/NDF: 2756613533283 0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

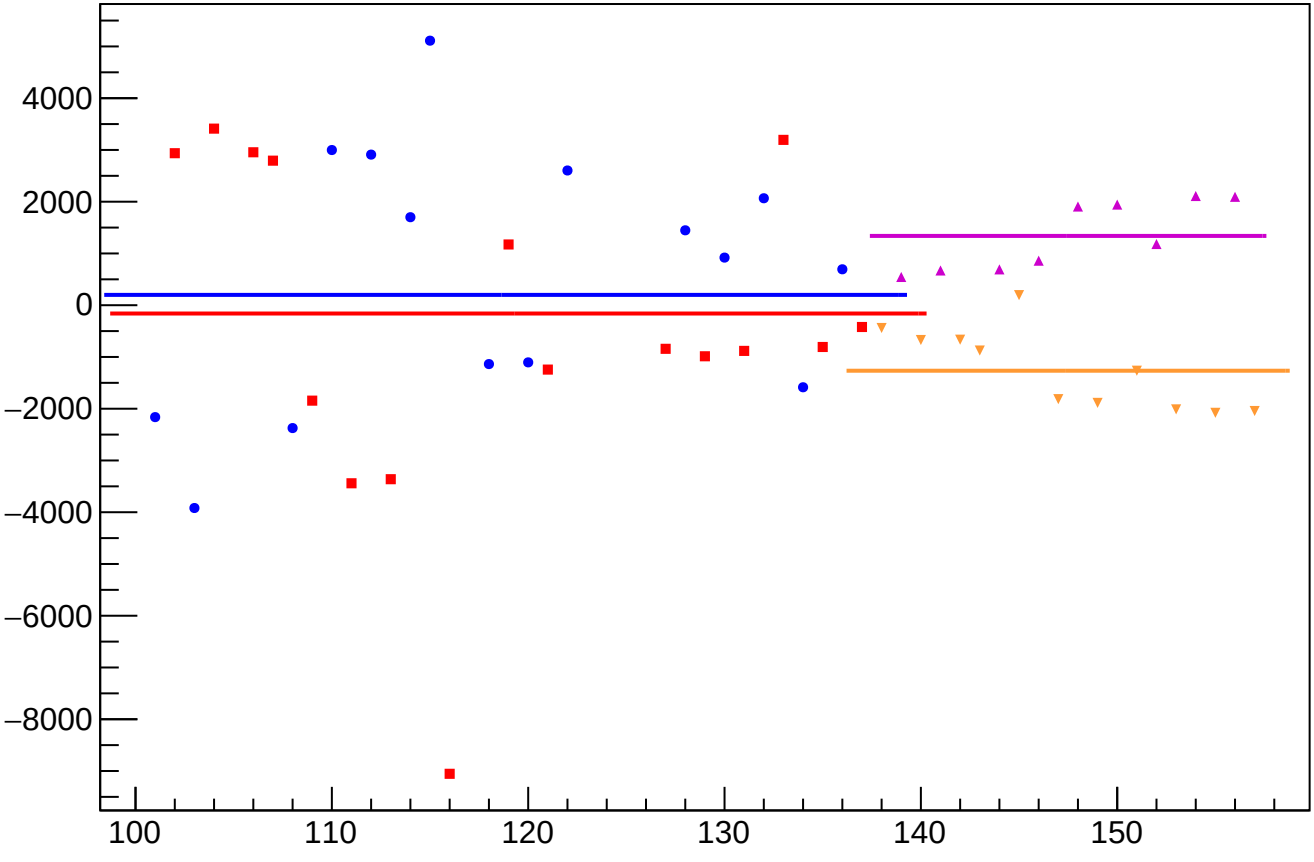
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

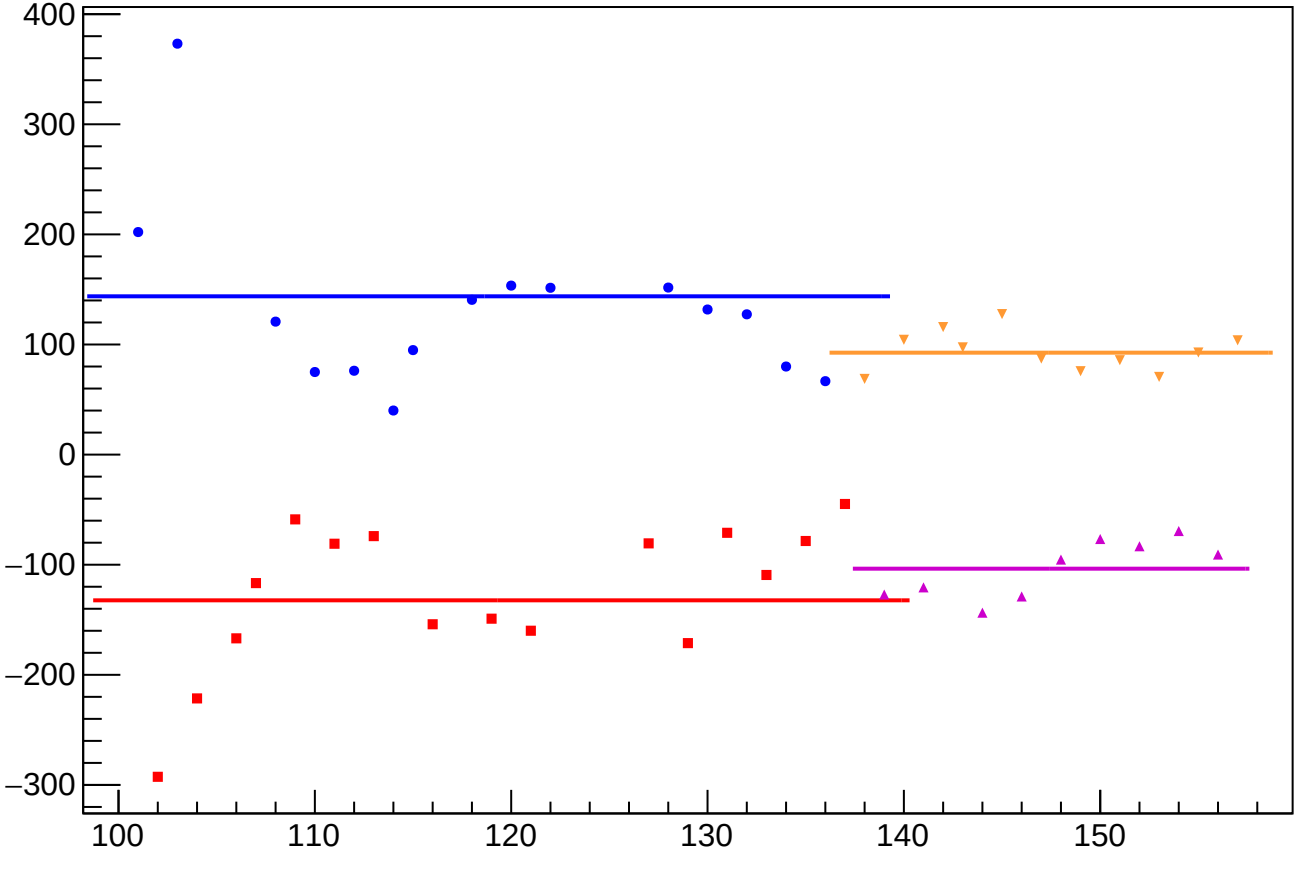
All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -18.626+/-0.000 χ^2/NDF: 3511363716829544
Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14
Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185
Left Out: -1265.889+/-0.000 χ^2/NDF:4857795537940716239432291834413197557 76.0/10
In: 817.428+/-0.000 χ^2/NDF:4031368738531344
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15
Out: -775.672+/-0.000 χ^2/NDF:661990507590116
Left In: 1338.928+/-0.000 χ^2/NDF:3062615200781092728858833309495711498 24.0/8
All: -2.566+/-0.000 χ^2/NDF: 1250365401022

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -1.359+/-0.000 χ^2/NDF: 16176432581995913

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 92.579+/-0.000 χ^2/NDF:26202298293708587033912127395777 7408.0/10

In: 9.613+/-0.000 χ^2/NDF:265407722124310243 9

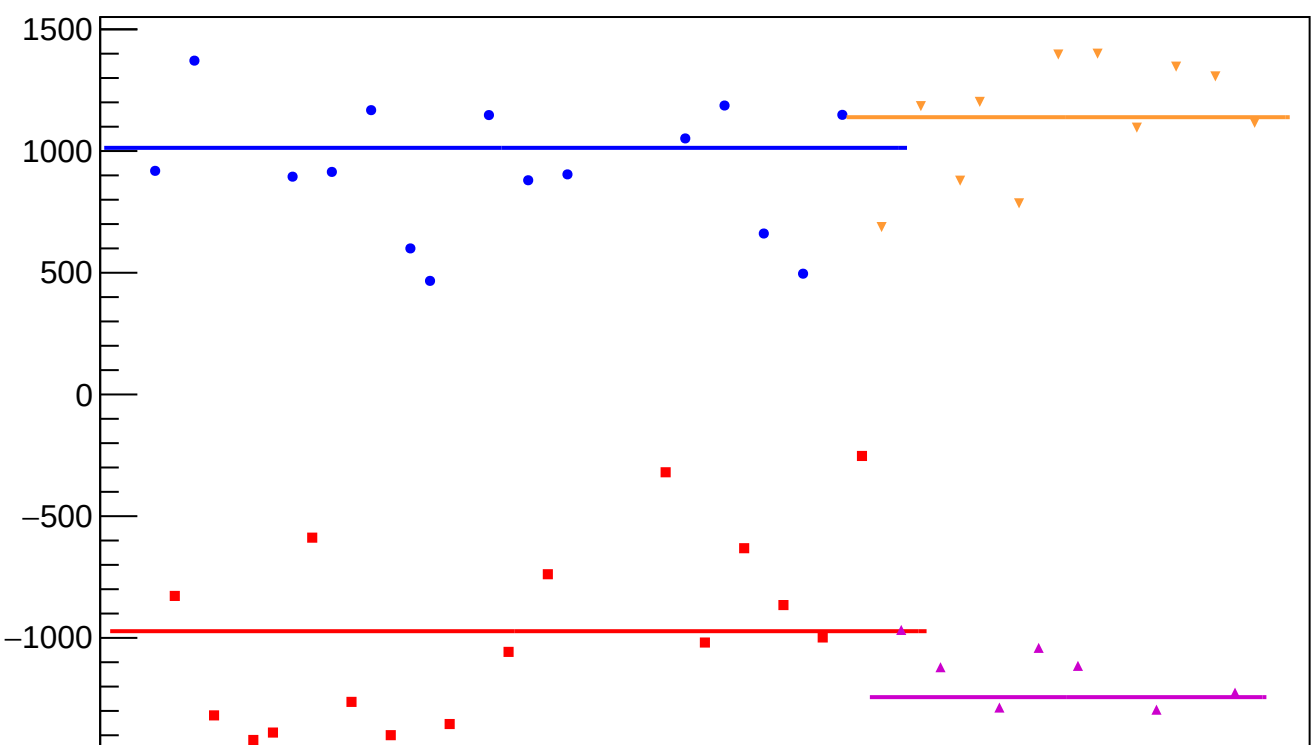
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -7.169+/-0.000 χ^2/NDF:2221454573048726 2

Left In: -103.604+/-0.000 χ^2/NDF:48921981794536446398412742259743 1296.0/8

All: 0.975+/-0.000 χ^2/NDF: 4896087393531 8

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

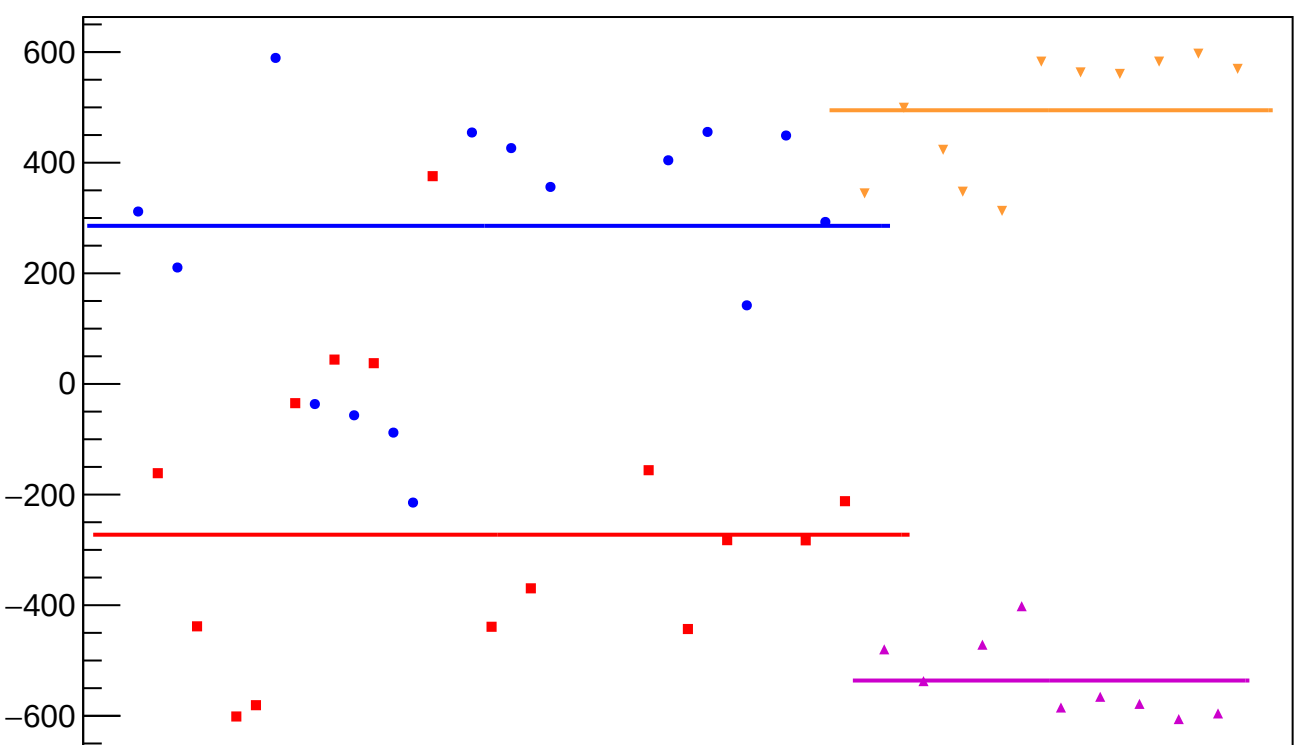
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: 1.140+/-0.000 χ^2/NDF: 438671096405946248

Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Right: 2.840+/-0.000 χ^2/NDF: 17082276741945895

Left Out: 494.802+/-0.000 χ^2/NDF:939773992372484839237411601979854028 8.0/10

In: -159.942+/-0.000 χ^2/NDF:2652194806708994

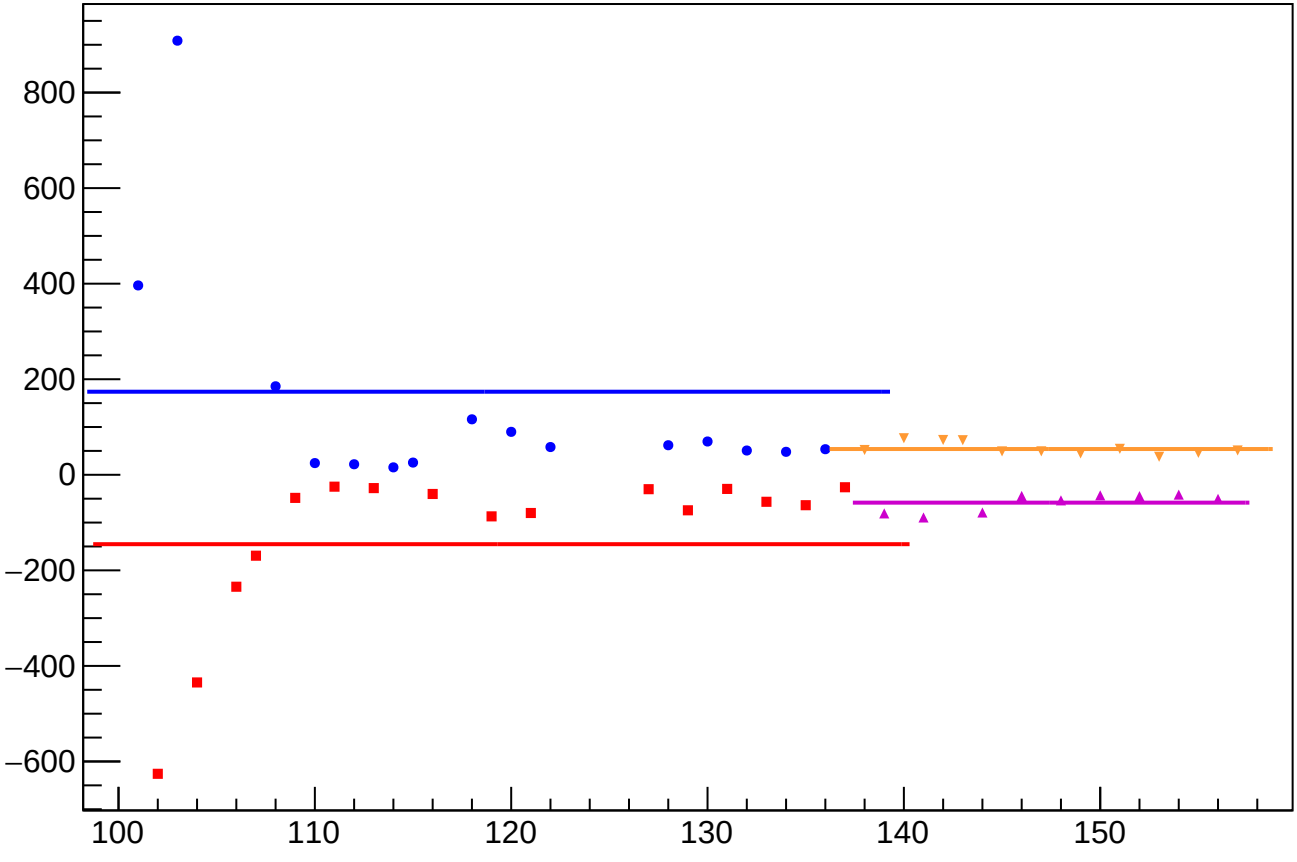
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

Out: 154.499+/-0.000 χ^2/NDF:272112191597235 5

Left In: -536.176+/-0.000 χ^2/NDF:3278264558240903008562279560003977216.0/8

All: 1.905+/-0.000 χ^2/NDF: 6094959553097 0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: 0.196+/-0.000 χ^2/NDF: 541607264776814978

Right In: 173.871+/-0.000 χ^2/NDF: 4170547340446623261307370455499066572 8.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 53.938+/-0.000 χ^2/NDF:1207019809781186575981515068659466 24.0/10

In: 47.963+/-0.000 χ^2/NDF:609237680676711635

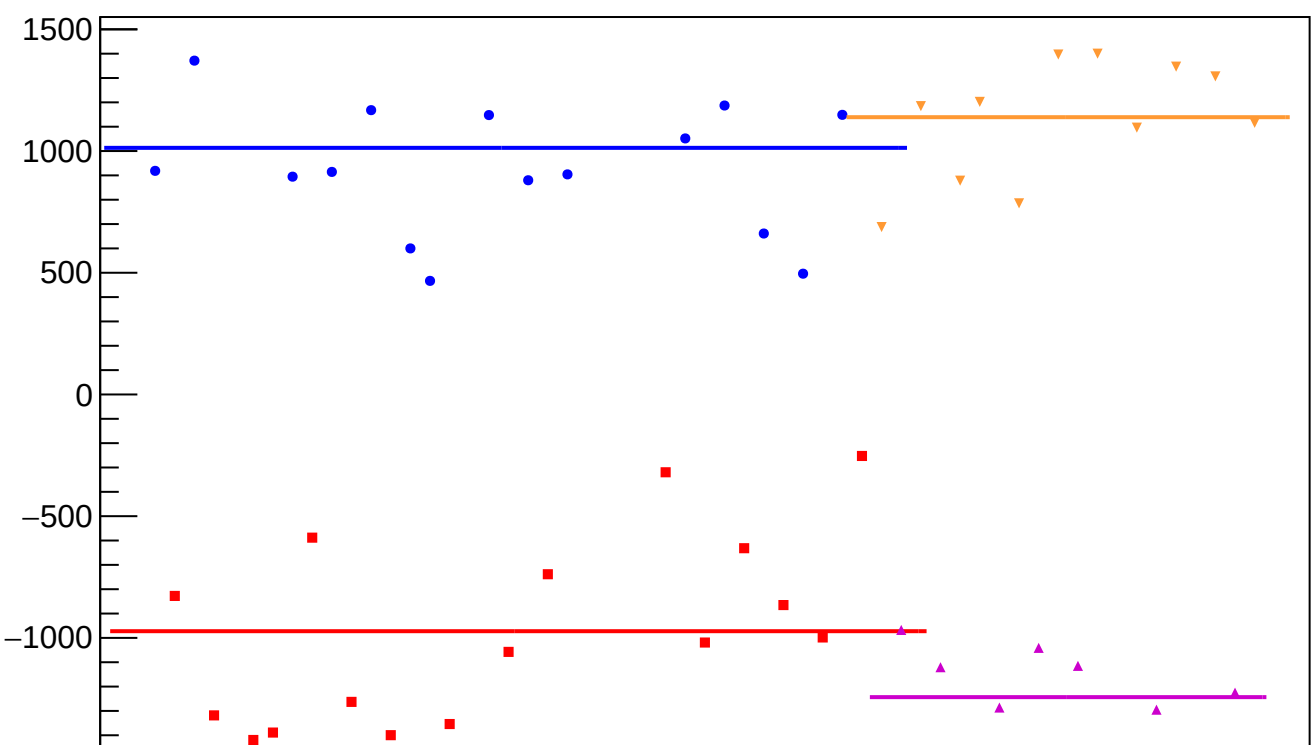
Right Out: -145.228+/-0.000 χ^2/NDF: 2252961571940859472078526574443783 7824.0/15

Out: -34.389+/-0.000 χ^2/NDF:3737453718912330

Left In: -58.297+/-0.000 χ^2/NDF:2469067248614889606525238791970488 32.0/8

All: 5.575+/-0.000 χ^2/NDF: 1032482103569 2

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

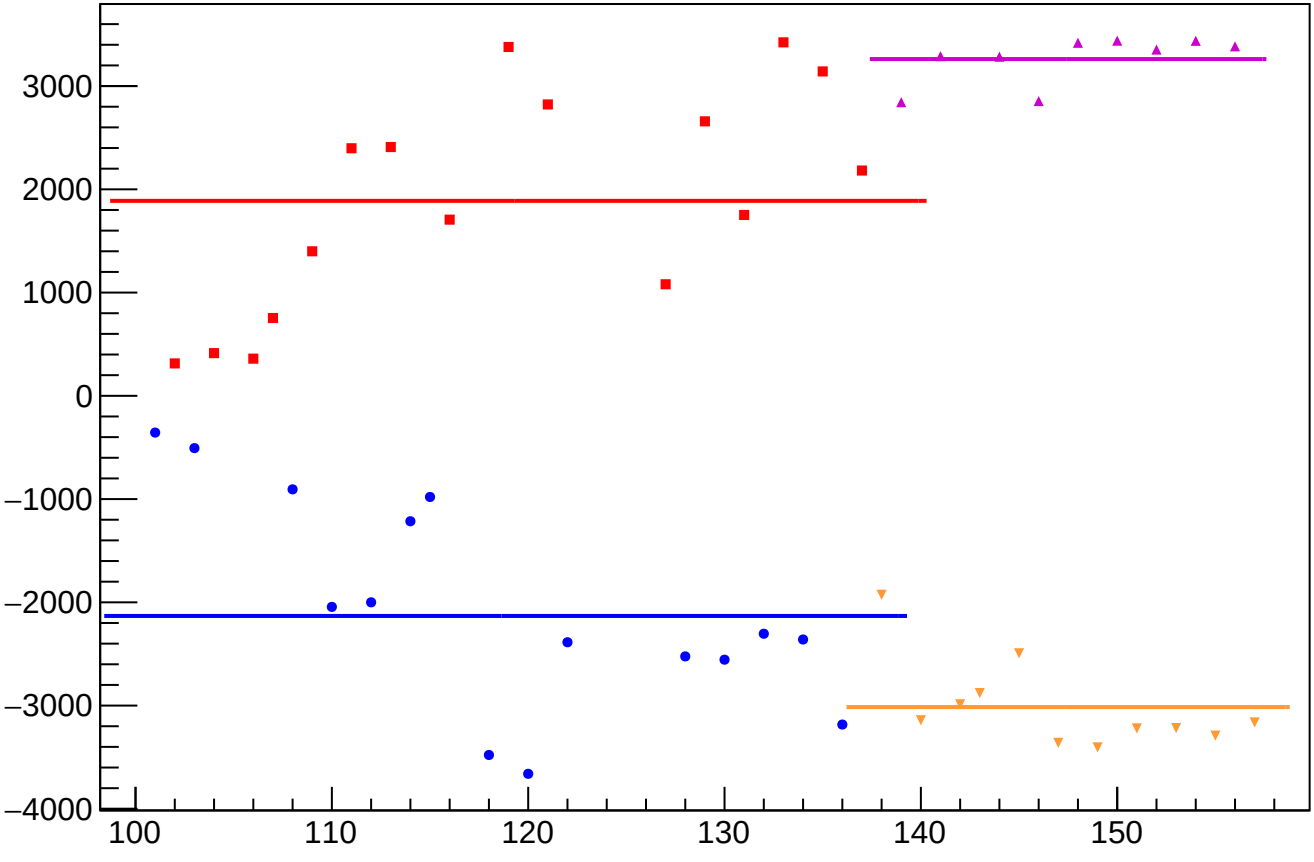
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: -9.221+/-0.000 χ^2/NDF: 15976767409100069

Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Right: -94.234+/-0.000 χ^2/NDF: 683113062504059

Left Out: -3014.305+/-0.000 χ^2/NDF:153607551133503338995024256853631565824.0/10

In: 793.060+/-0.000 χ^2/NDF:1099859595291741

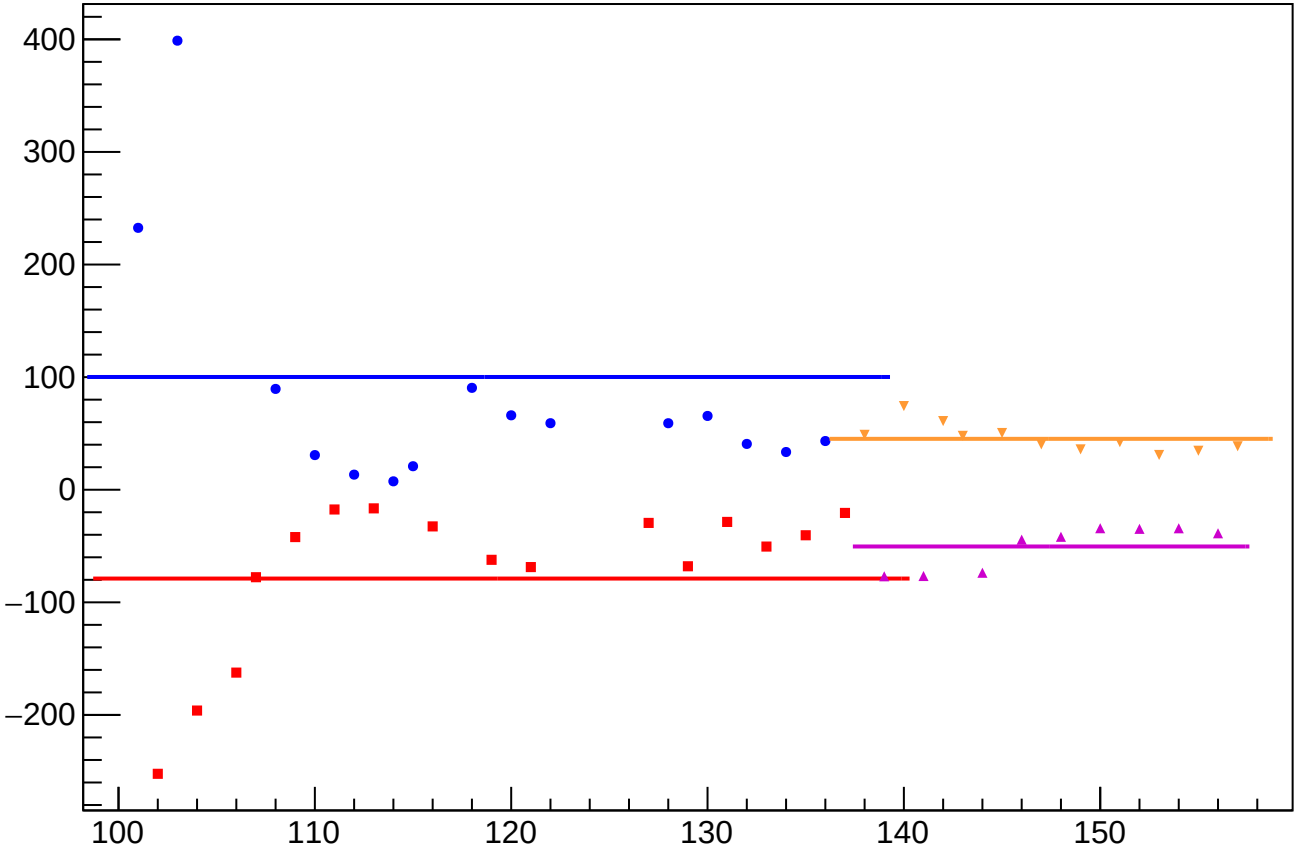
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

Out: -840.012+/-0.000 χ^2/NDF:986802987229039

Left In: 3261.593+/-0.000 χ^2/NDF:3767488836862502718385694156131821158 4.0/8

All: -47.508+/-0.000 χ^2/NDF: 228131255276

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -0.570+/-0.000 χ^2/NDF: 40398081172827624

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 45.207+/-0.000 χ^2/NDF:1242691080264783651835311130348093 44.0/10

In: 18.501+/-0.000 χ^2/NDF:16041685035936152 3

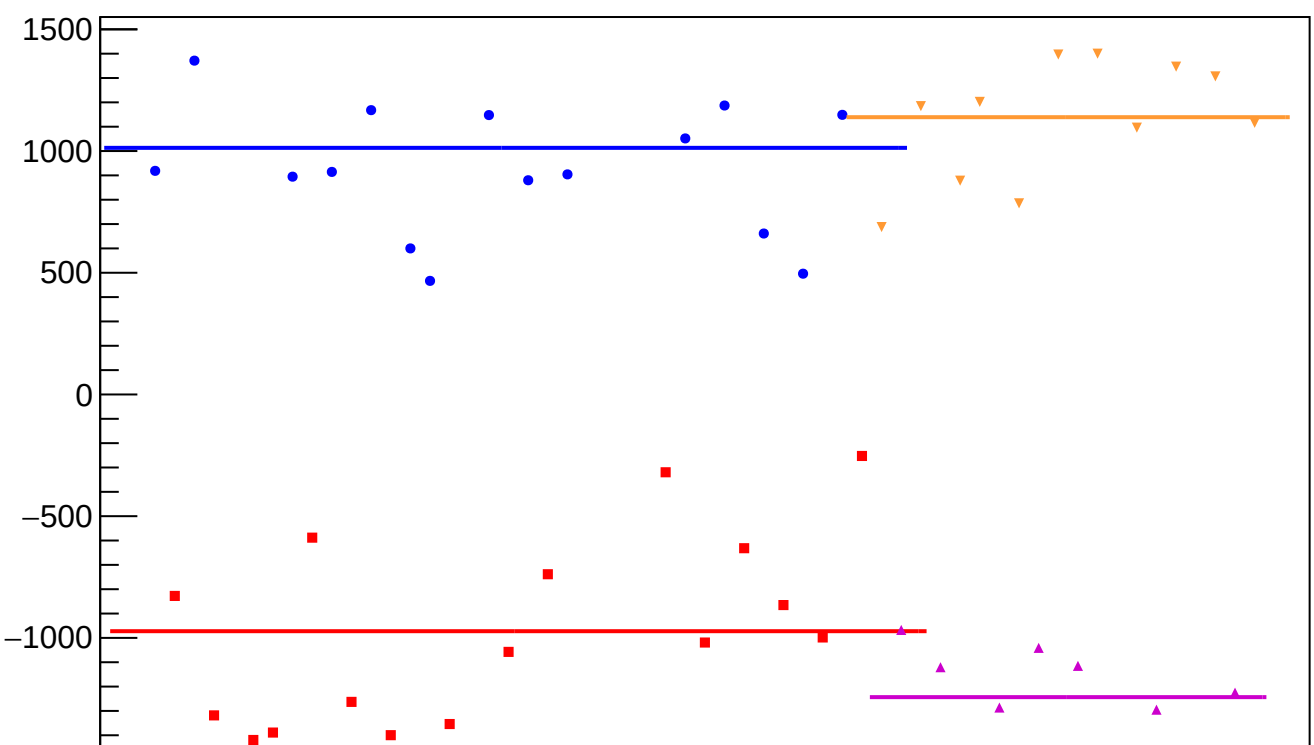
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -9.824+/-0.000 χ^2/NDF:93649775560832783

Left In: -50.395+/-0.000 χ^2/NDF:2525094687624407870001653183005327 36.0/8

All: 3.921+/-0.000 χ^2/NDF: 2599223039659 3

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -1.724+/-0.000 χ^2/NDF: 23509258424157437

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 14074954421733032

Left Out: 1139.048+/-0.000 χ^2/NDF:46582594487916709604733486240874102784.0/10

In: -210.592+/-0.000 χ^2/NDF:1853409561426899

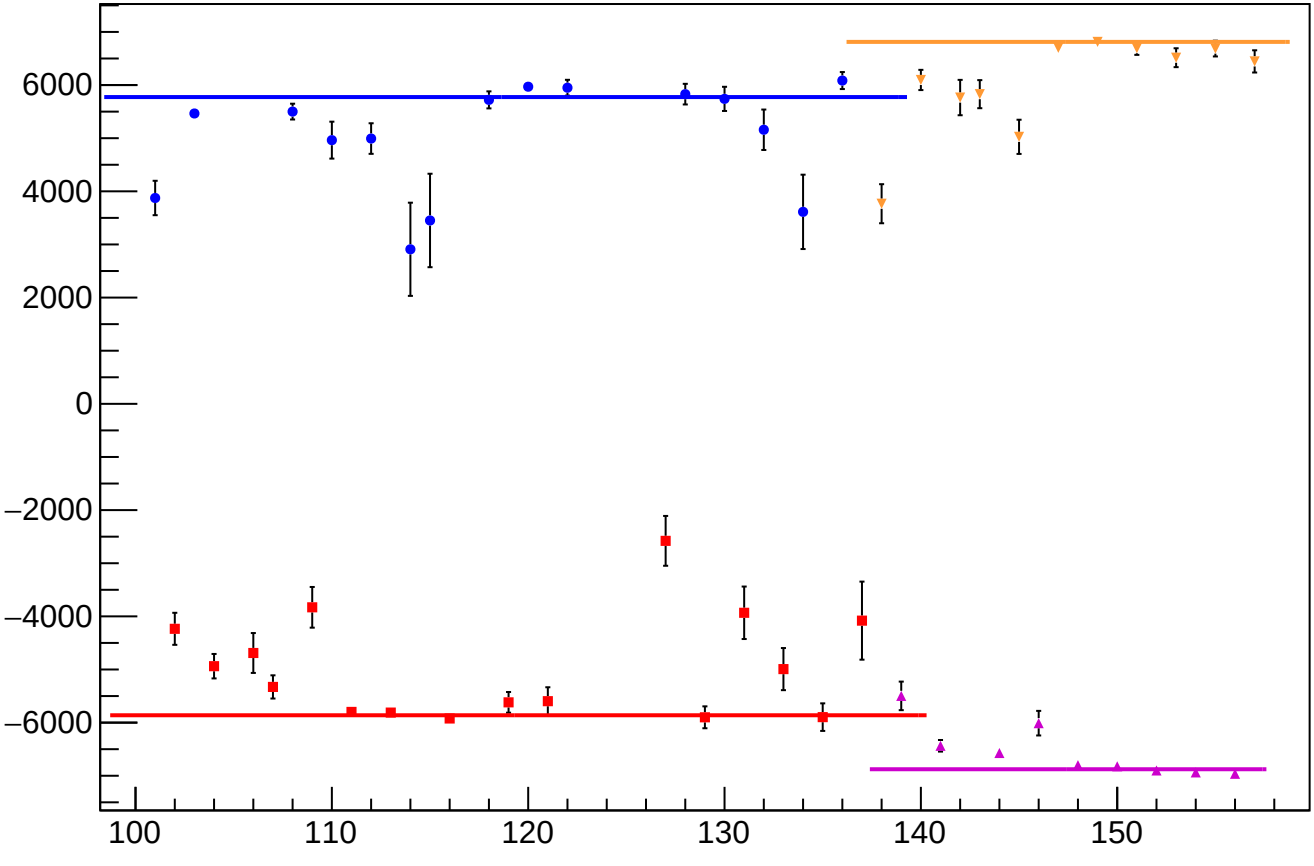
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 202.626+/-0.000 χ^2/NDF:1780439593927583

Left In: -1243.371+/-0.000 χ^2/NDF:2954792658943912396543381295561126707 2.0/8

All: 2.098+/-0.000 χ^2/NDF: 3758473365909 6

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6812.618+/-0.311 χ^2/NDF:146.6/10

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -6877.525+/-0.173 χ^2/NDF:152460.2/8

Left: -3649.180+/-0.151 χ^2/NDF: 1482708248.1/19

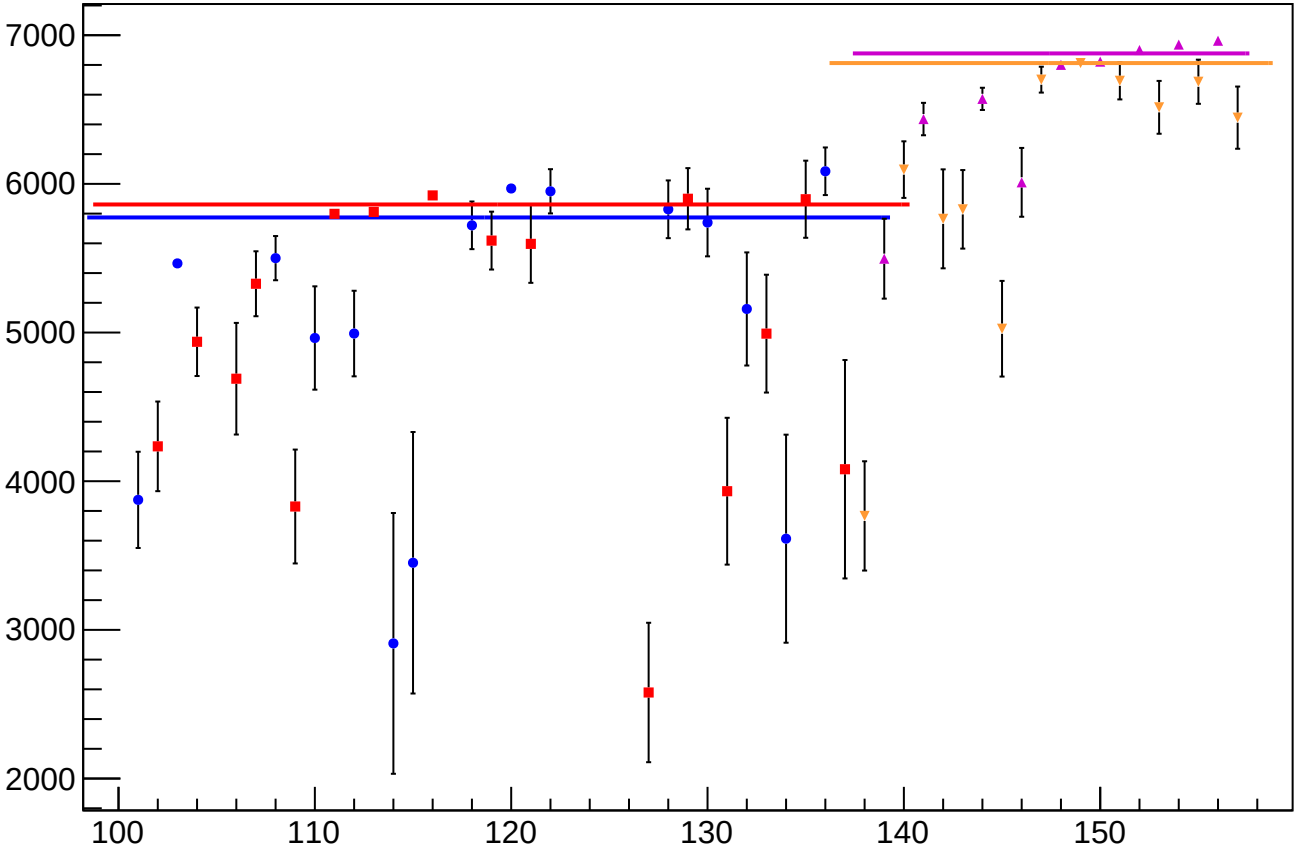
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -865.805+/-0.125 χ^2/NDF:2553323232.7/23

Out: -3734.543+/-0.127 χ^2/NDF:1383901556.6/26

All: -2274.671+/-0.089 χ^2/NDF: 4195550530

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6812.618+/-0.311 χ^2/NDF:146.6/10

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 6877.525+/-0.173 χ^2/NDF:152460.2/8

Left: 6862.219+/-0.151 χ^2/NDF: 185931.9/19

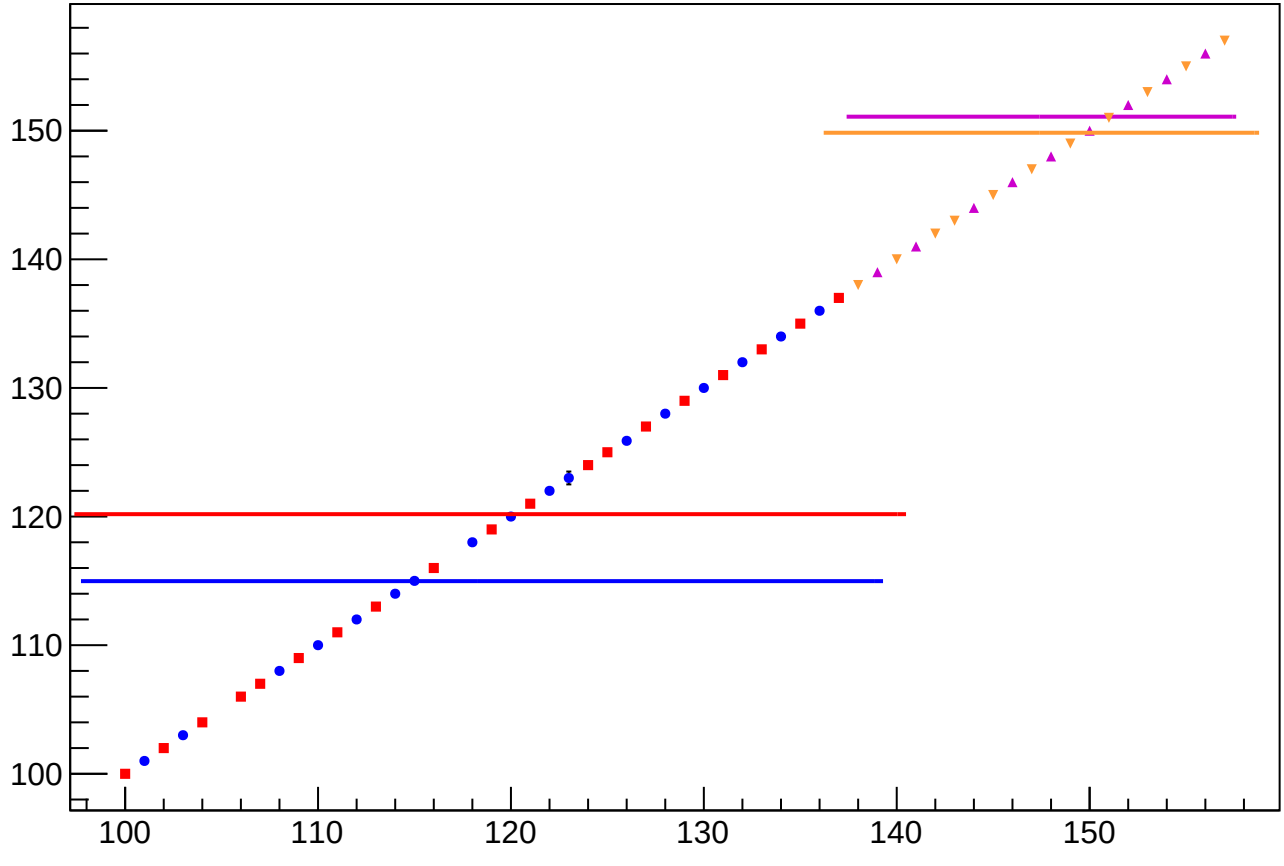
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6353.215+/-0.125 χ^2/NDF:21387495.4/23

Out: 6021.081+/-0.127 χ^2/NDF:7973452.7/26

All: 6190.101+/-0.089 χ^2/NDF: 32823632.9/5

dit_slug_slope vs Slug, Sign Corrected



Left: 150.563+/-0.000 χ^2/NDF: 2880629386782554

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.096+/-0.000 χ^2/NDF: 180832885295768

Left Out: 149.841+/-0.000 χ^2/NDF:194778271774837998196251038842 88.0/10

In: 124.569+/-0.000 χ^2/NDF:6323025743714472 9

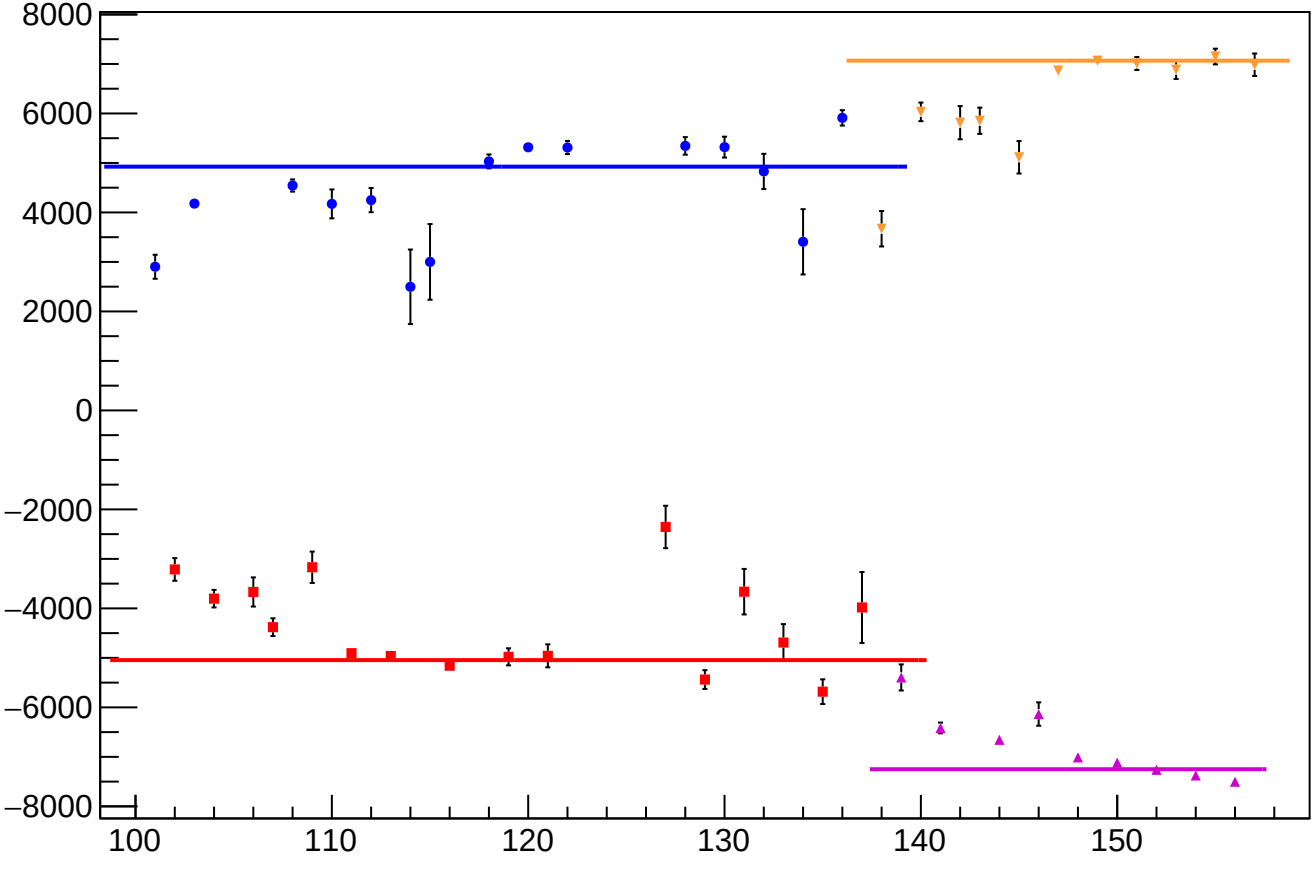
Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Out: 128.446+/-0.000 χ^2/NDF:319130303067486 2

Left In: 151.090+/-0.000 χ^2/NDF:897688629174443766721660374 2208.0/8

All: 126.161+/-0.000 χ^2/NDF: 96383092185 7

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7066.433+/-1.477 χ^2/NDF:197.1/10

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -7250.106+/-0.766 χ^2/NDF:51703.2/8

Left: -4220.262+/-0.680 χ^2/NDF: 74074498.9/19

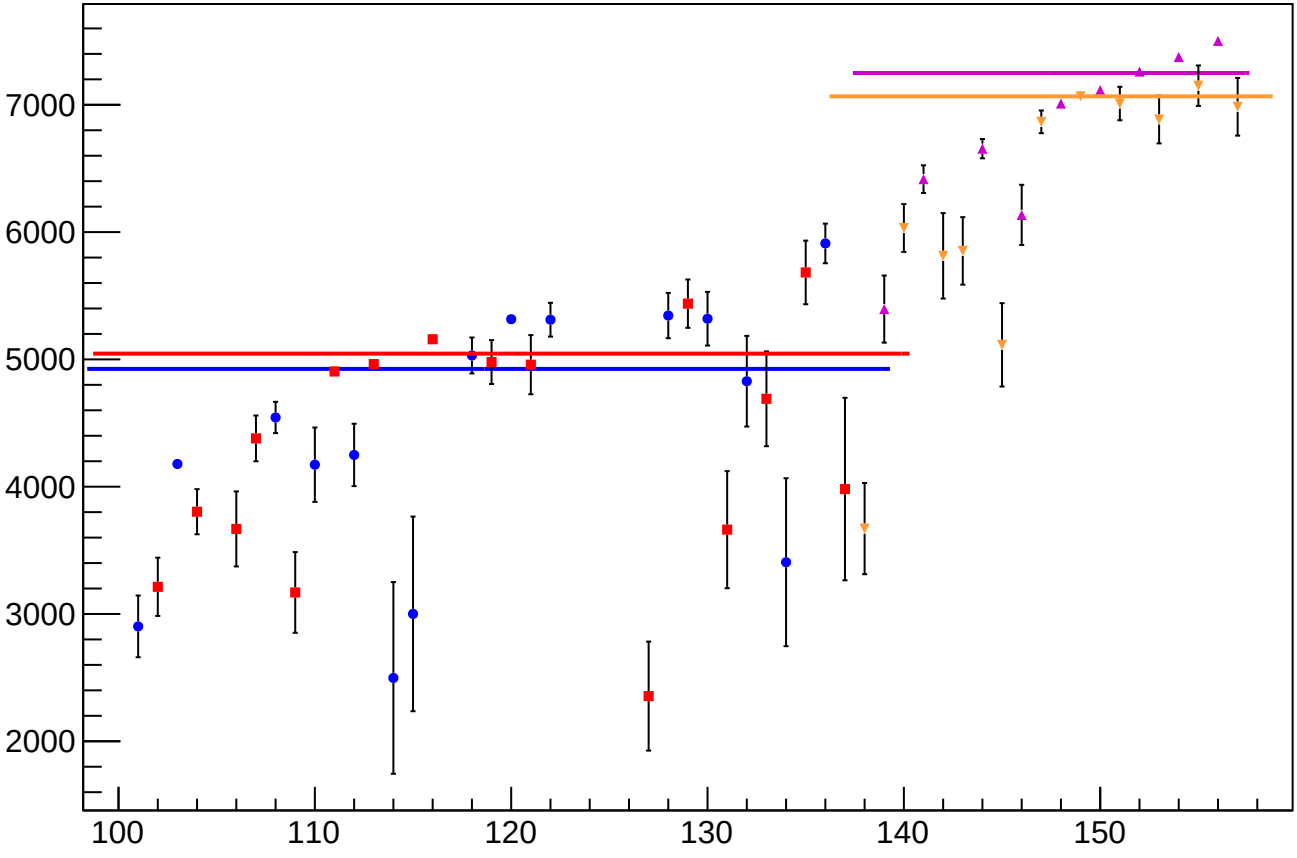
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -2387.121+/-0.593 χ^2/NDF:101422526.7/23

Out: -2990.438+/-0.609 χ^2/NDF:55829301.2/26

All: -2681.095+/-0.425 χ^2/NDF: 157755772.8

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7066.433+/-1.477 χ^2/NDF:197.1/10

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 7250.106+/-0.766 χ^2/NDF:51703.2/8

Left: 7211.235+/-0.680 χ^2/NDF: 64084.0/19

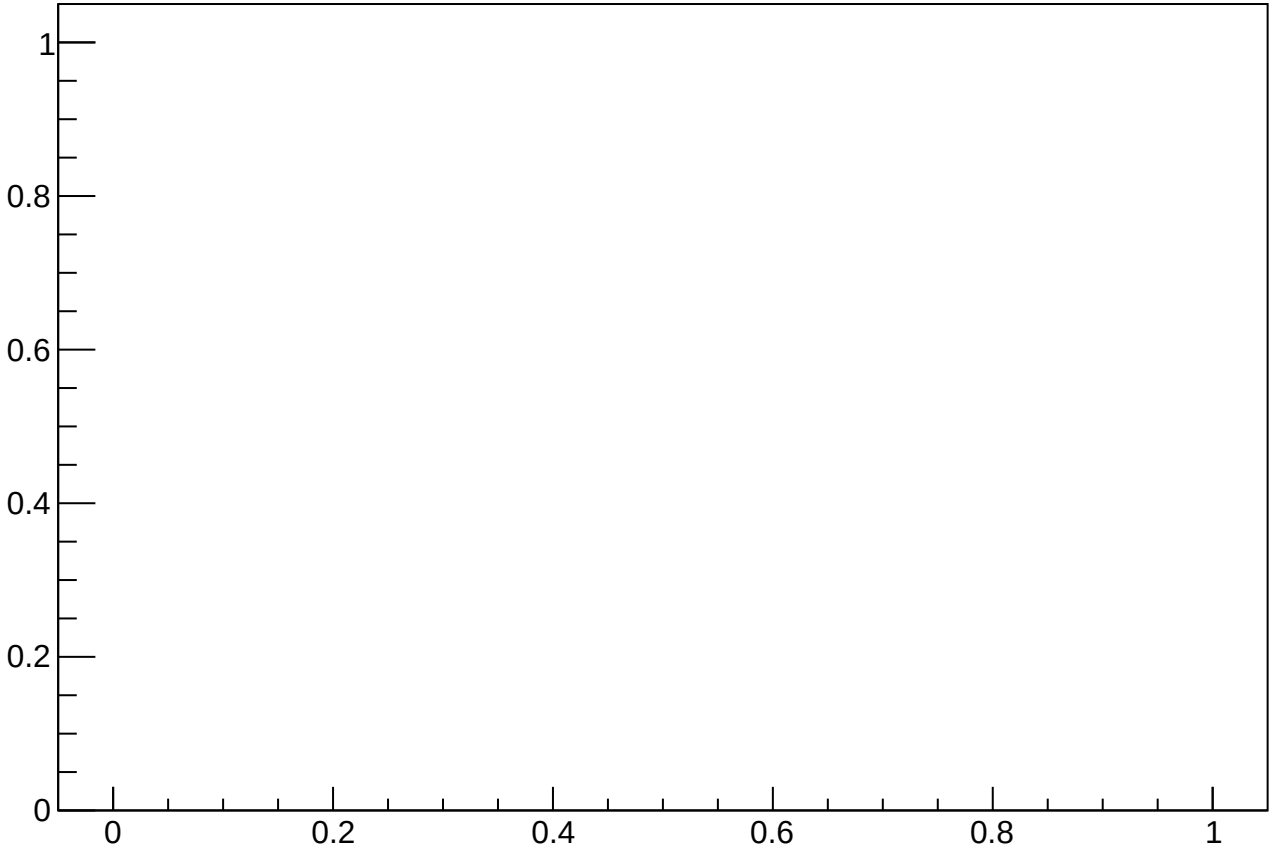
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 6321.557+/-0.593 χ^2/NDF:4066504.7/23

Out: 5388.127+/-0.609 χ^2/NDF:1584347.1/26

All: 5866.731+/-0.425 χ^2/NDF: 6857151.7/50

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

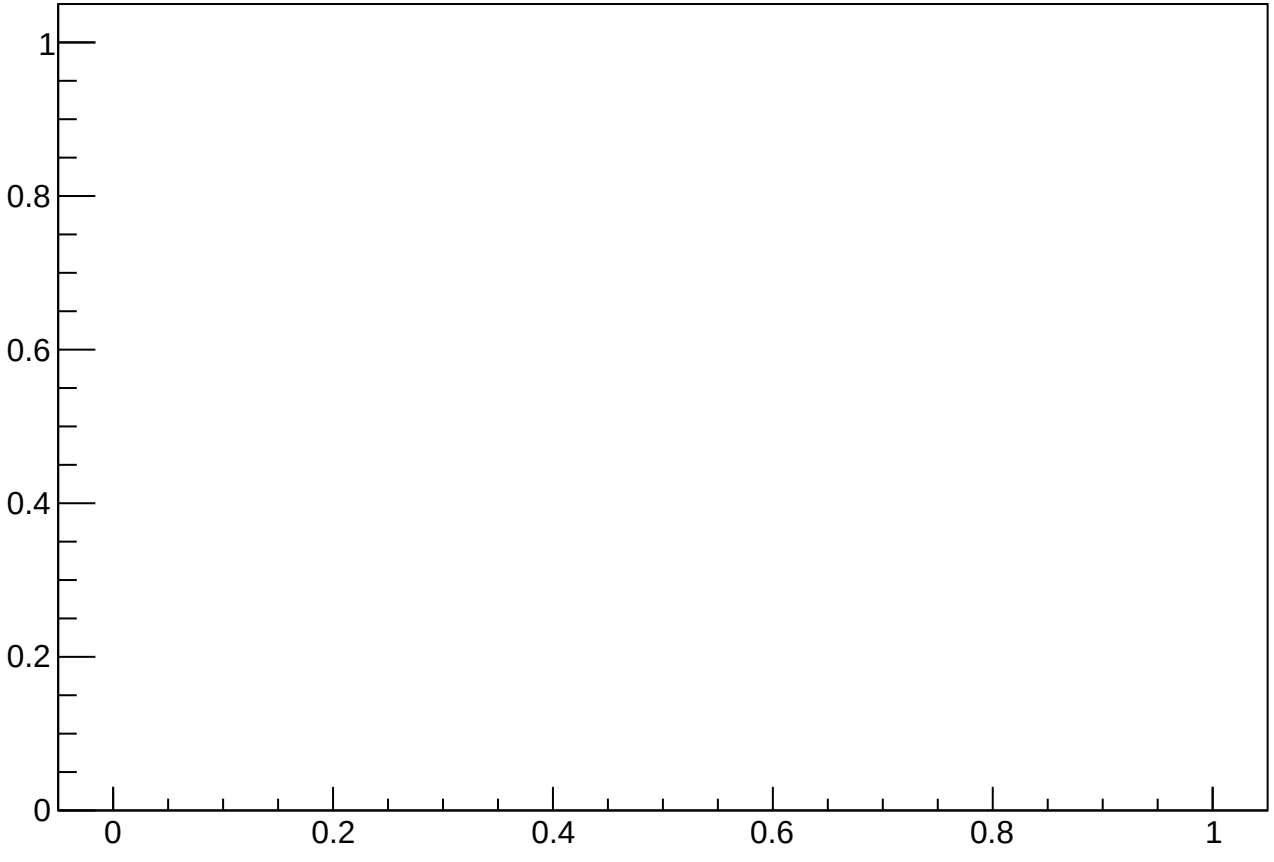
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

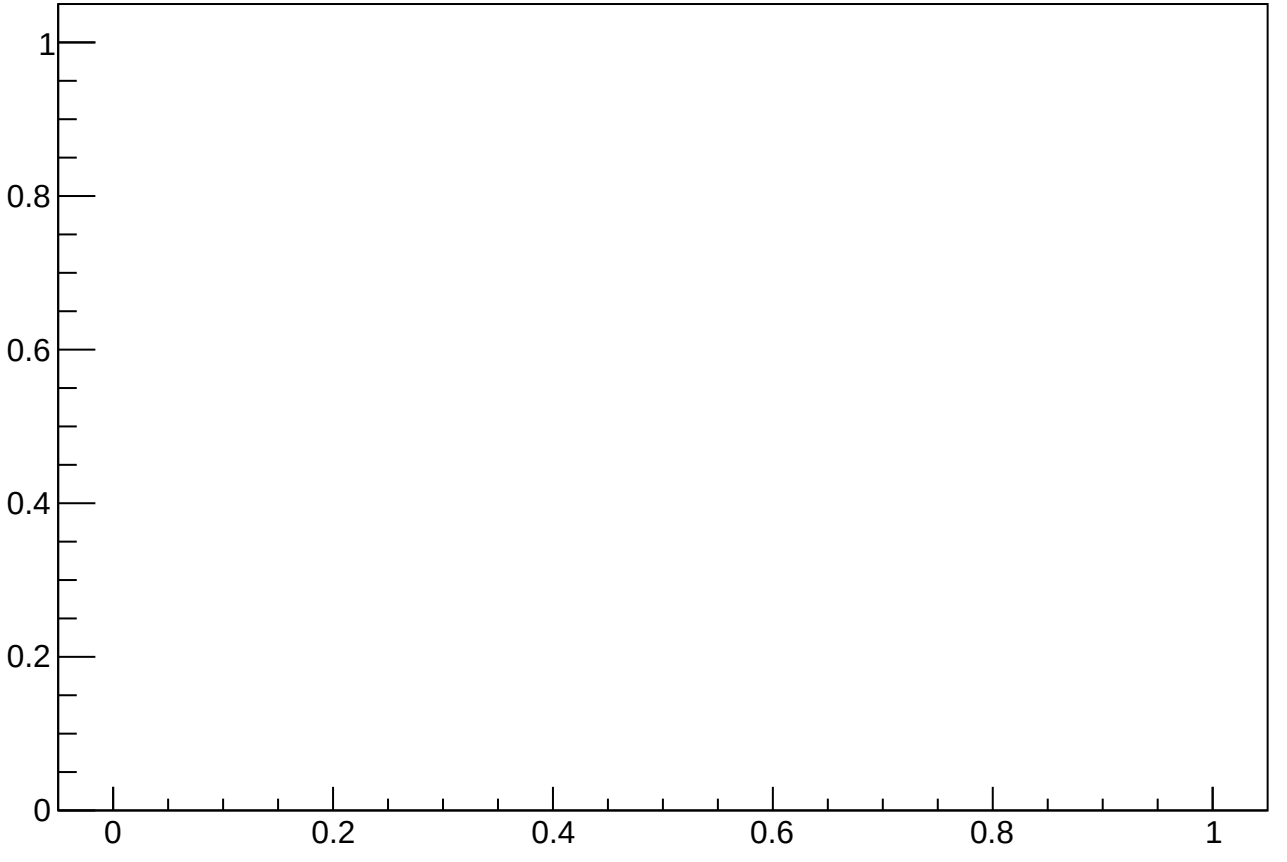
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

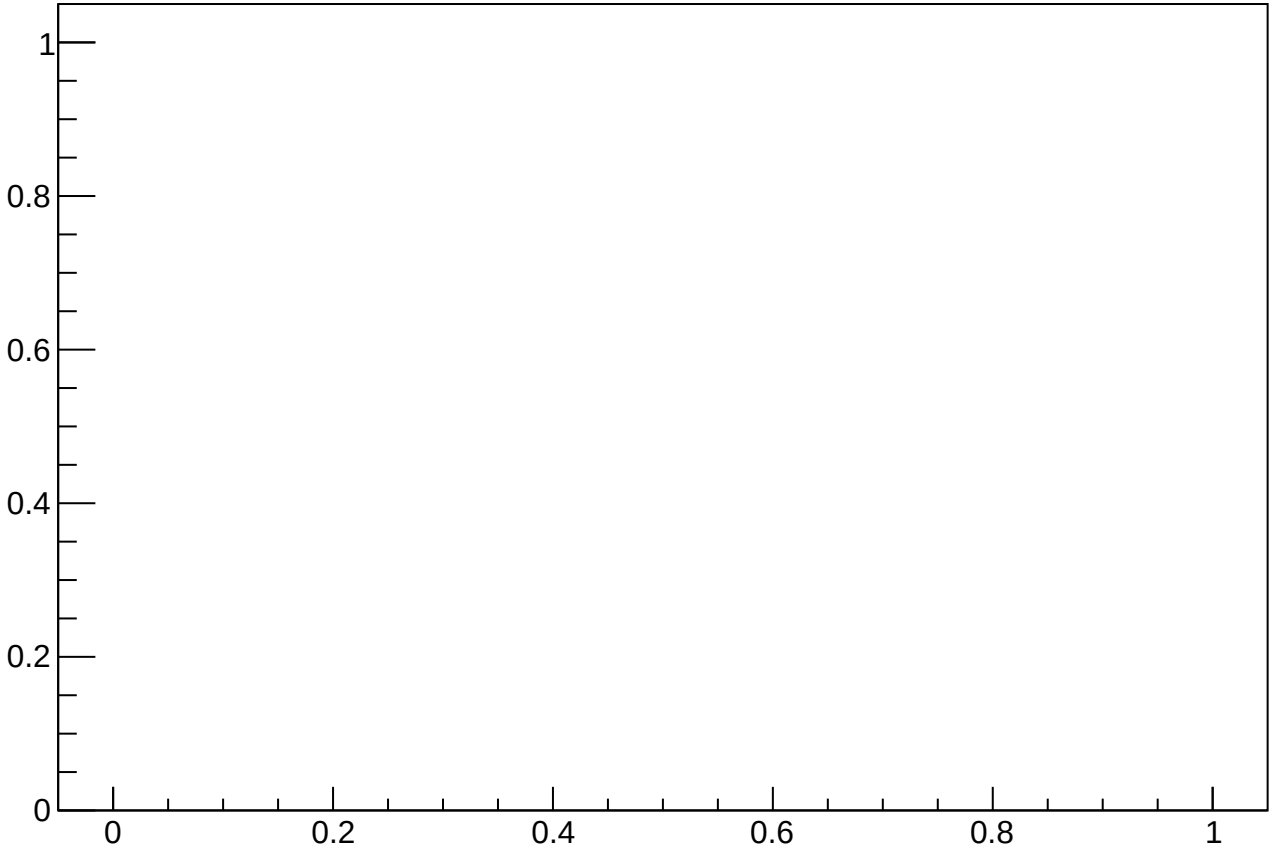
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

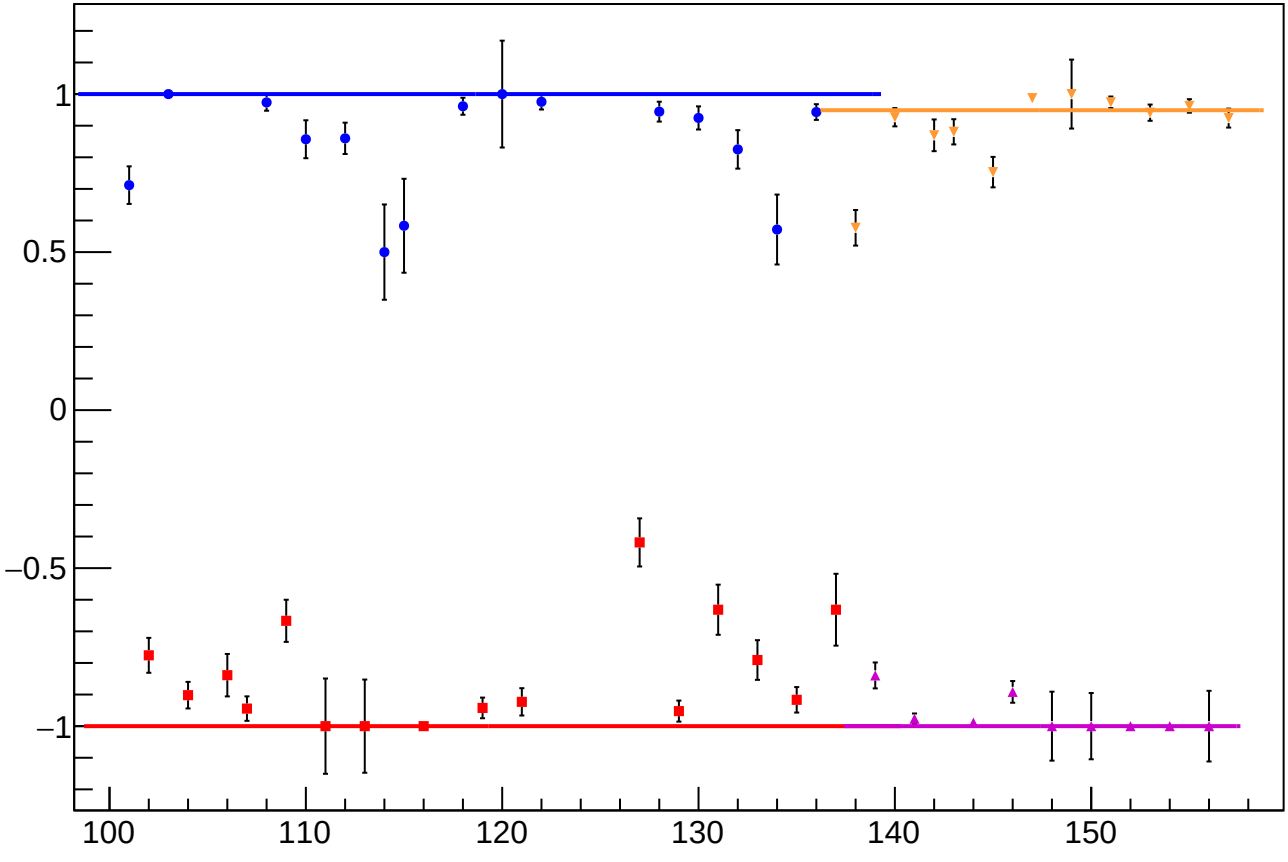
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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: 0.949+/-0.008 χ^2/NDF:78.4/10

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:372.3/8

Left: -1.000+/-0.000 χ^2/NDF: 64848.5/19

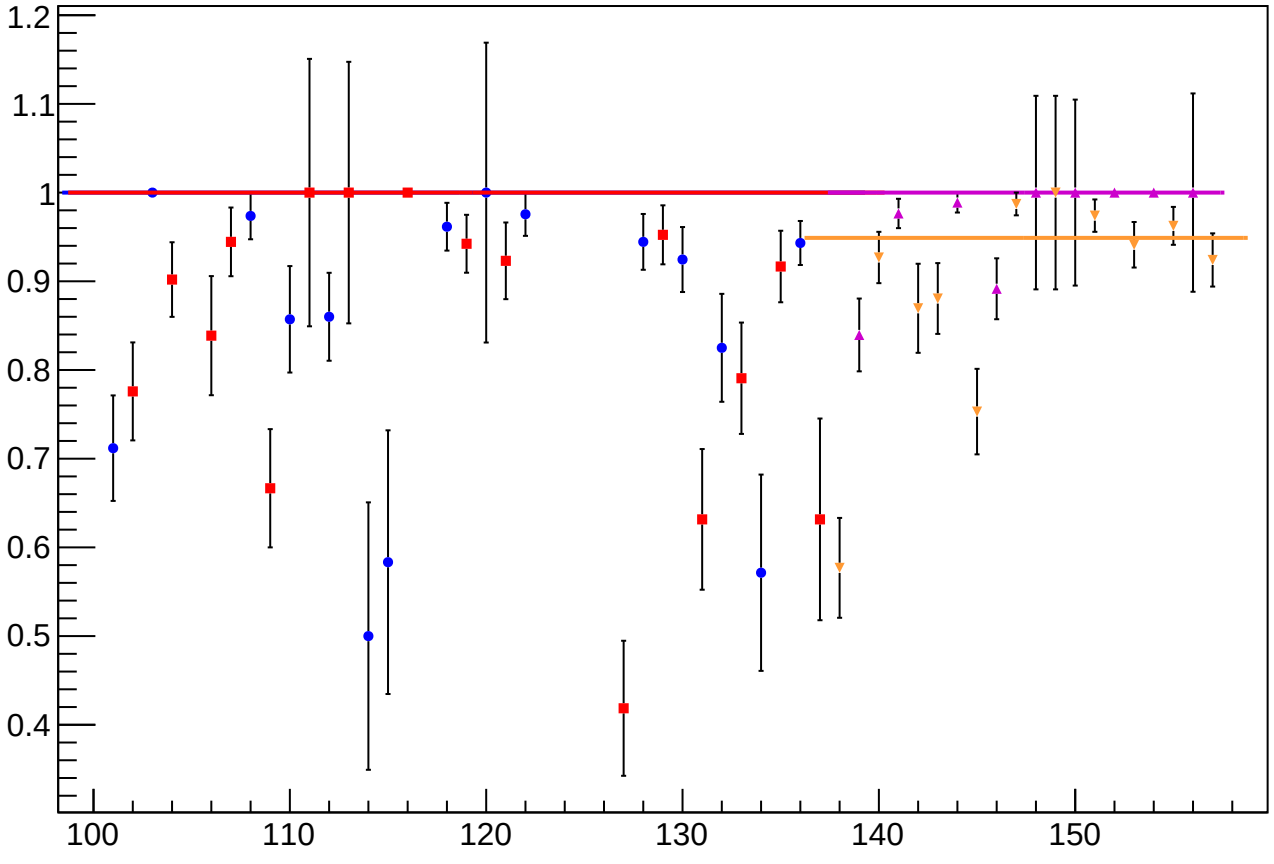
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.500+/-0.000 χ^2/NDF:35291392710353912 3

Out: -1.000+/-0.000 χ^2/NDF:64645.1/26

All: -0.549+/-0.000 χ^2/NDF: 3643573099538

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 0.949+/-0.008 χ^2/NDF:78.4/10

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:372.3/8

Left: 1.000+/-0.000 χ^2/NDF: 494.8/19

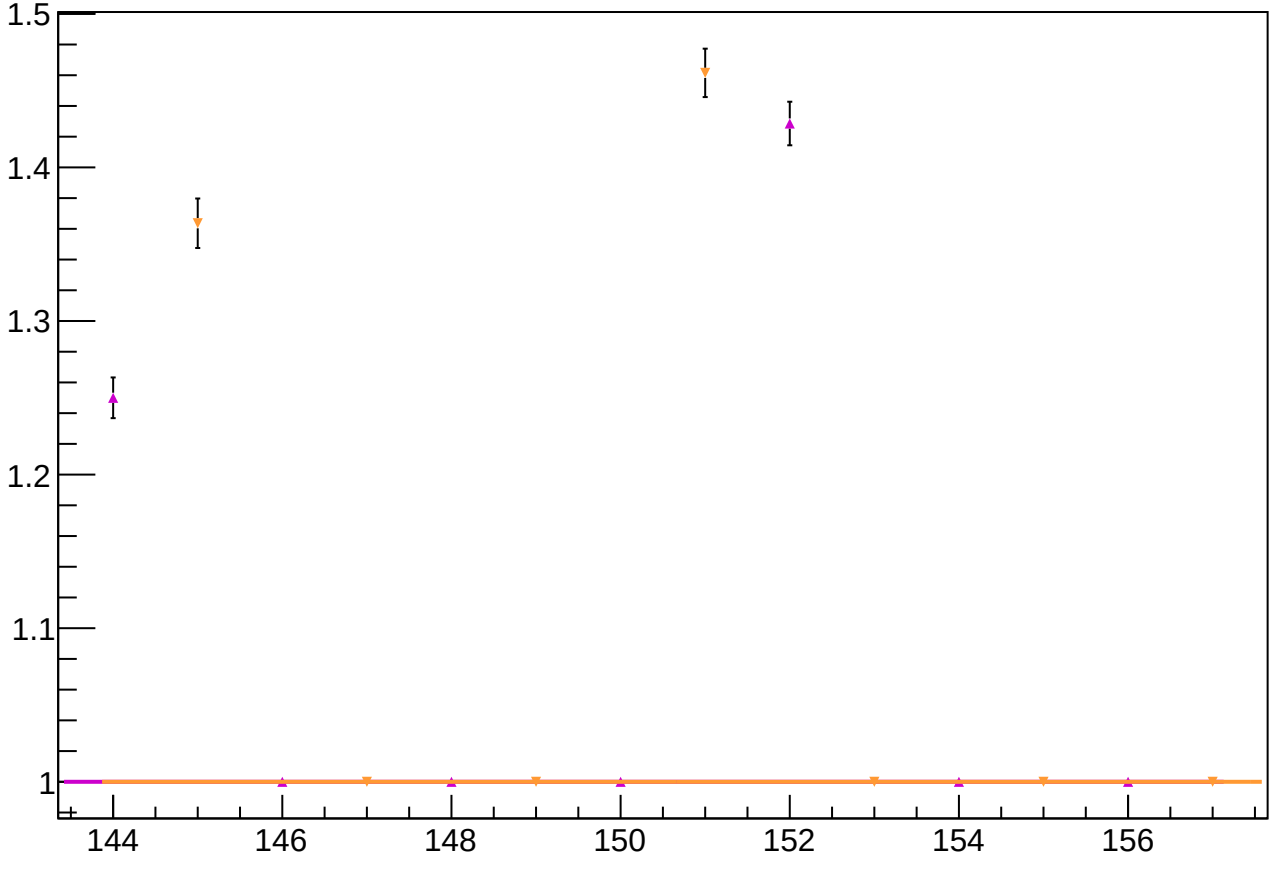
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:468.2/23

Out: 1.000+/-0.000 χ^2/NDF:291.4/26

All: 1.000+/-0.000 χ^2/NDF: 759.6/50

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:2468.0/6

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

Left In: 1.000+/-0.000 χ^2/NDF:3779.5/6

Left: 1.000+/-0.000 χ^2/NDF: 4046.9/13

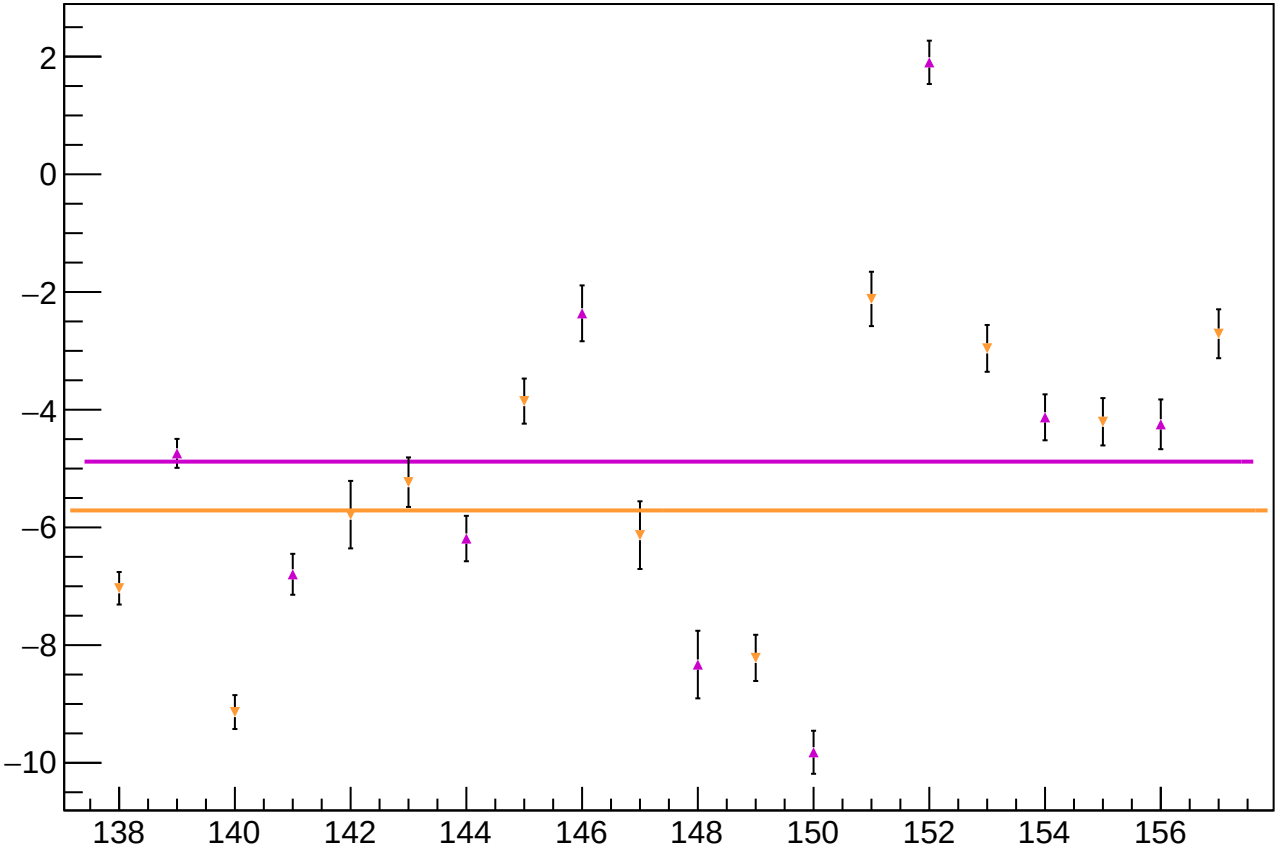
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:3779.5/6

Out: 1.000+/-0.000 χ^2/NDF:2468.0/6

All: 1.000+/-0.000 χ^2/NDF: 4046.9/13

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -5.711+/-0.117 χ^2/NDF:405.2/10

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

Left In: -4.882+/-0.123 χ^2/NDF:634.0/8

Left: -5.318+/-0.085 χ^2/NDF: 1063.0/19

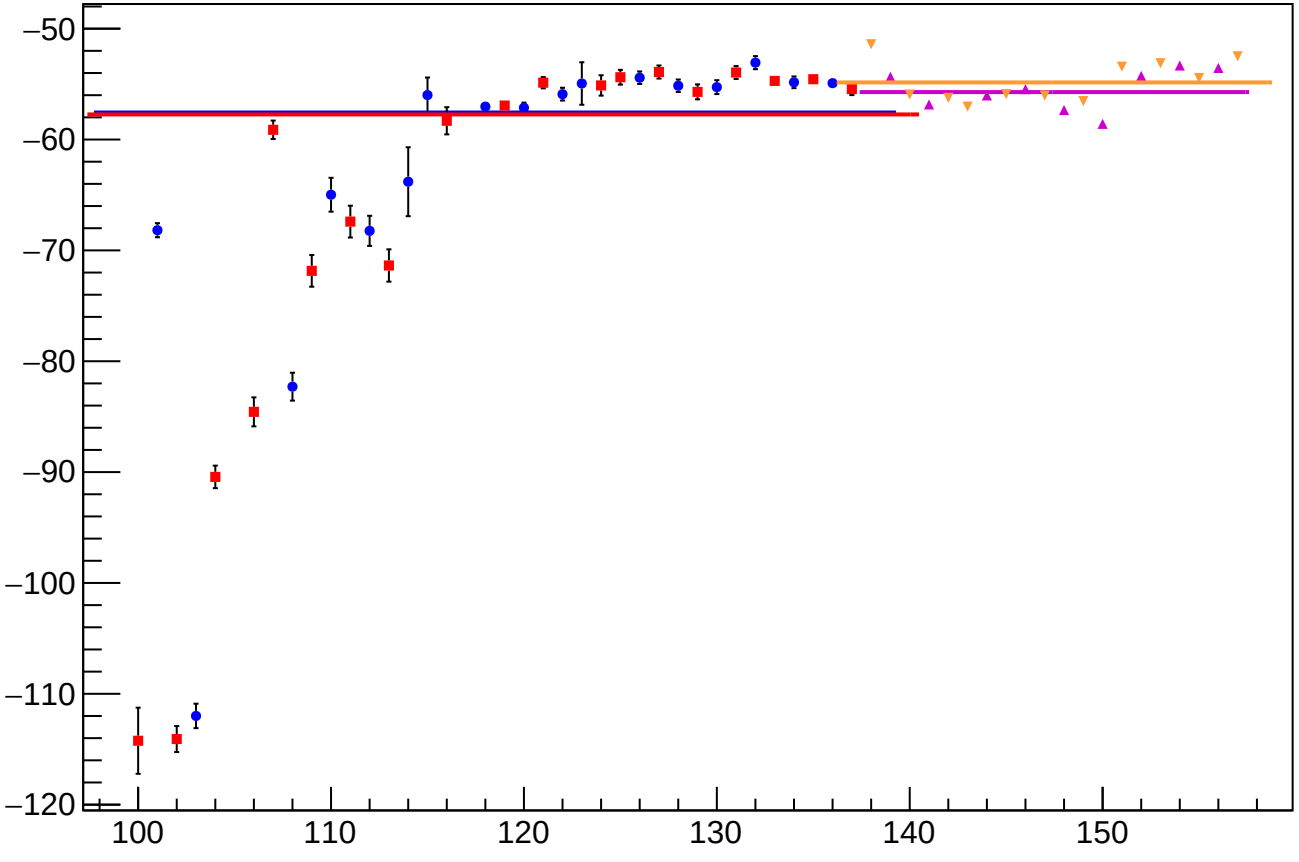
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.882+/-0.123 χ^2/NDF:634.0/8

Out: -5.711+/-0.117 χ^2/NDF:405.2/10

All: -5.318+/-0.085 χ^2/NDF: 1063.0/19

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -54.848+/-0.086 χ^2/NDF:408.2/10

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -55.720+/-0.095 χ^2/NDF:358.5/8

Left: -55.244+/-0.064 χ^2/NDF: 812.9/19

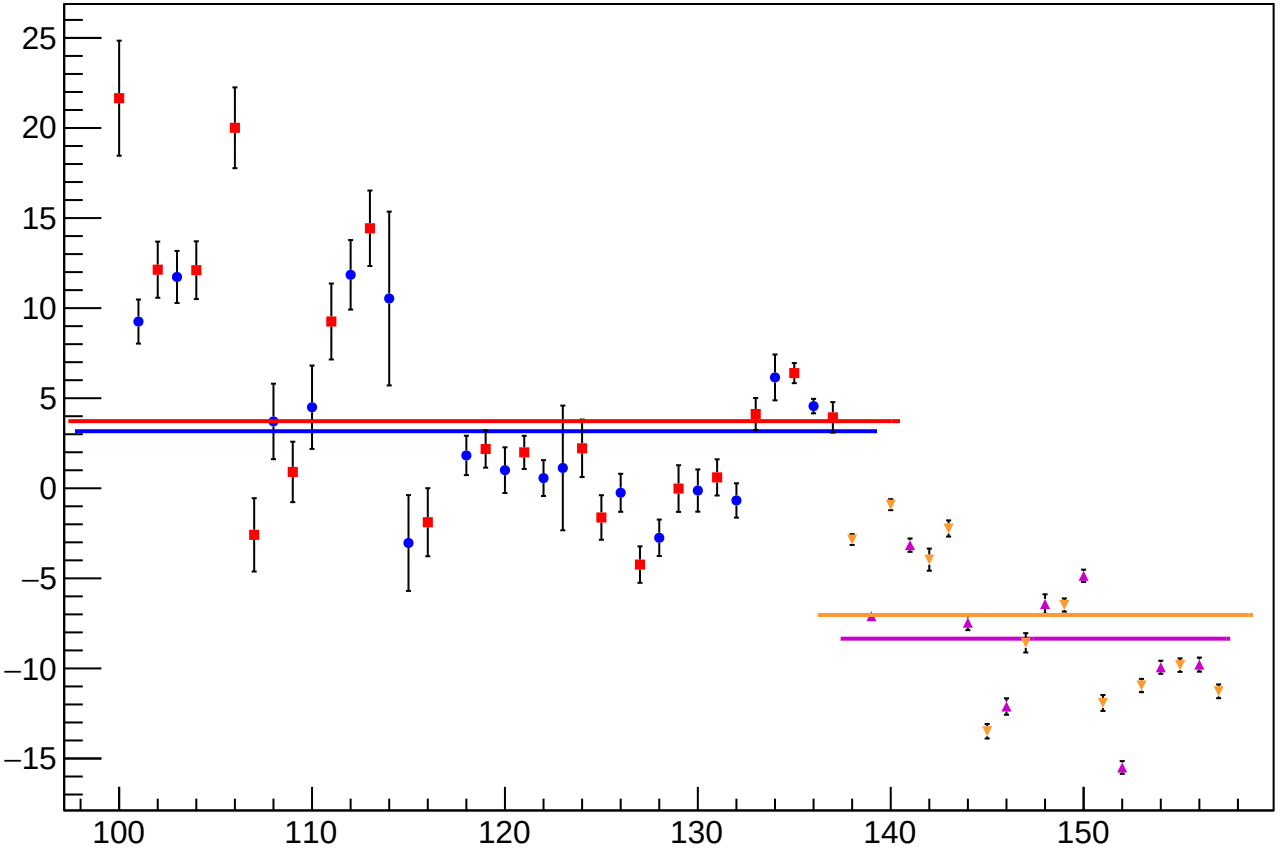
Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -56.291+/-0.079 χ^2/NDF:3931.6/25

Out: -55.620+/-0.074 χ^2/NDF:5405.3/29

All: -55.935+/-0.054 χ^2/NDF: 9375.4/55

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -7.032+/-0.117 χ^2/NDF:1410.5/10

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -8.348+/-0.123 χ^2/NDF:853.2/8

Left: -7.660+/-0.085 χ^2/NDF: 2323.8/19

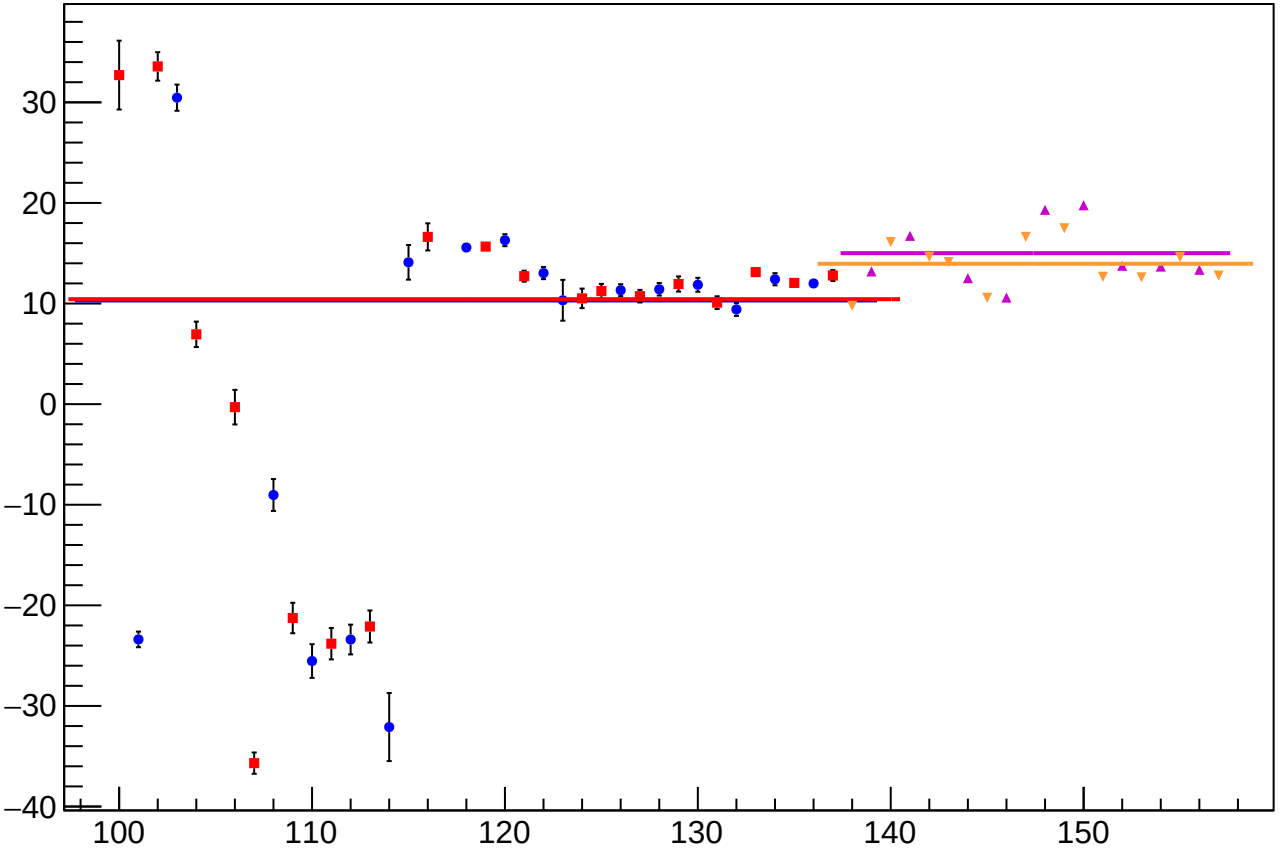
Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -6.217+/-0.111 χ^2/NDF:2666.5/25

Out: -5.294+/-0.107 χ^2/NDF:3094.1/29

All: -5.741+/-0.077 χ^2/NDF: 5796.3/55

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 13.952+/-0.103 χ^2/NDF:515.2/10

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 15.007+/-0.112 χ^2/NDF:694.7/8

Left: 14.436+/-0.076 χ^2/NDF: 1258.3/19

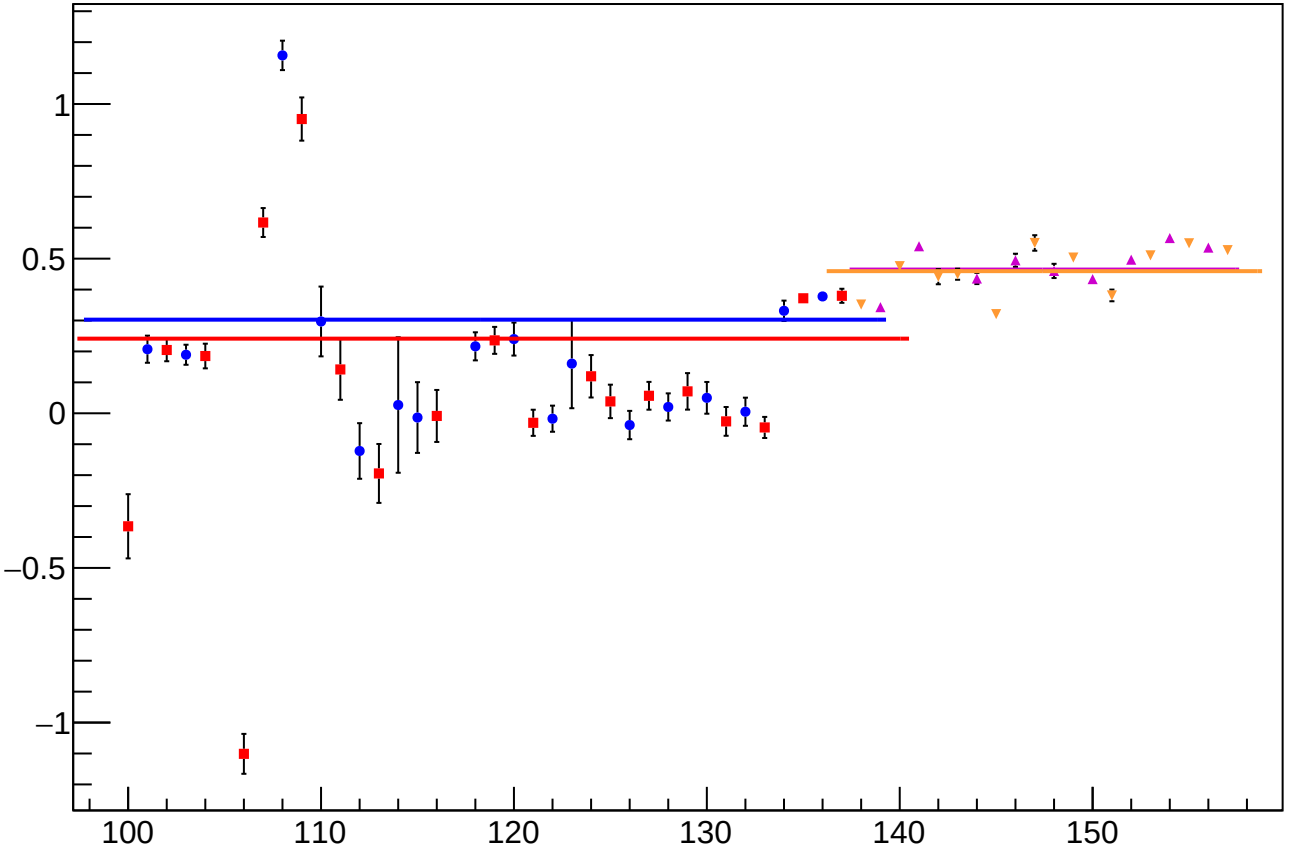
Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 13.425+/-0.091 χ^2/NDF:5003.6/25

Out: 12.923+/-0.086 χ^2/NDF:4686.6/29

All: 13.161+/-0.063 χ^2/NDF: 9706.1/55

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.460+/-0.005 χ^2/NDF:296.0/10

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.465+/-0.005 χ^2/NDF:301.8/8

Left: 0.462+/-0.003 χ^2/NDF: 598.4/19

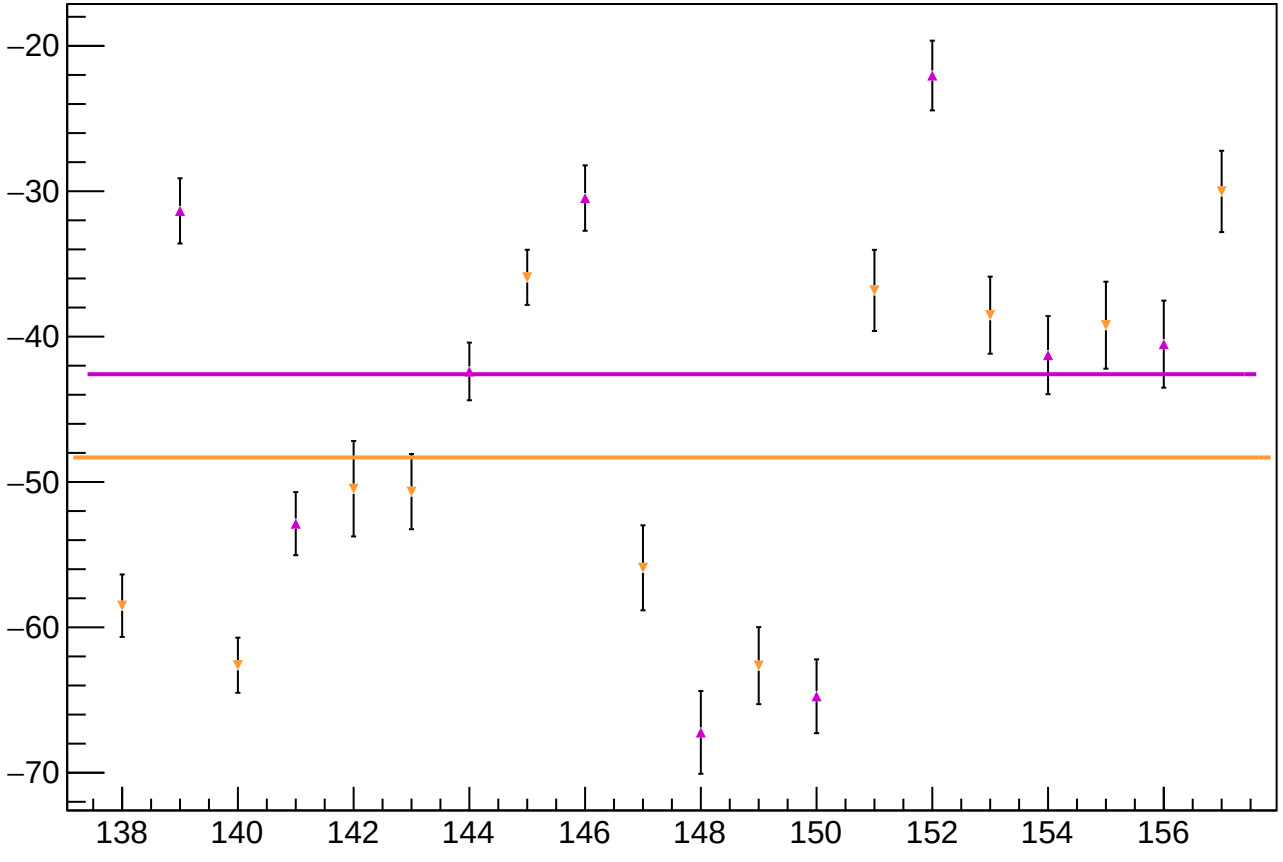
Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.424+/-0.004 χ^2/NDF:1242.1/25

Out: 0.411+/-0.004 χ^2/NDF:1795.1/29

All: 0.417+/-0.003 χ^2/NDF: 3043.0/55

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -48.311+/-0.749 χ^2/NDF:241.9/10

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

Left In: -42.586+/-0.799 χ^2/NDF:301.8/8

Left: -45.637+/-0.546 χ^2/NDF: 571.0/19

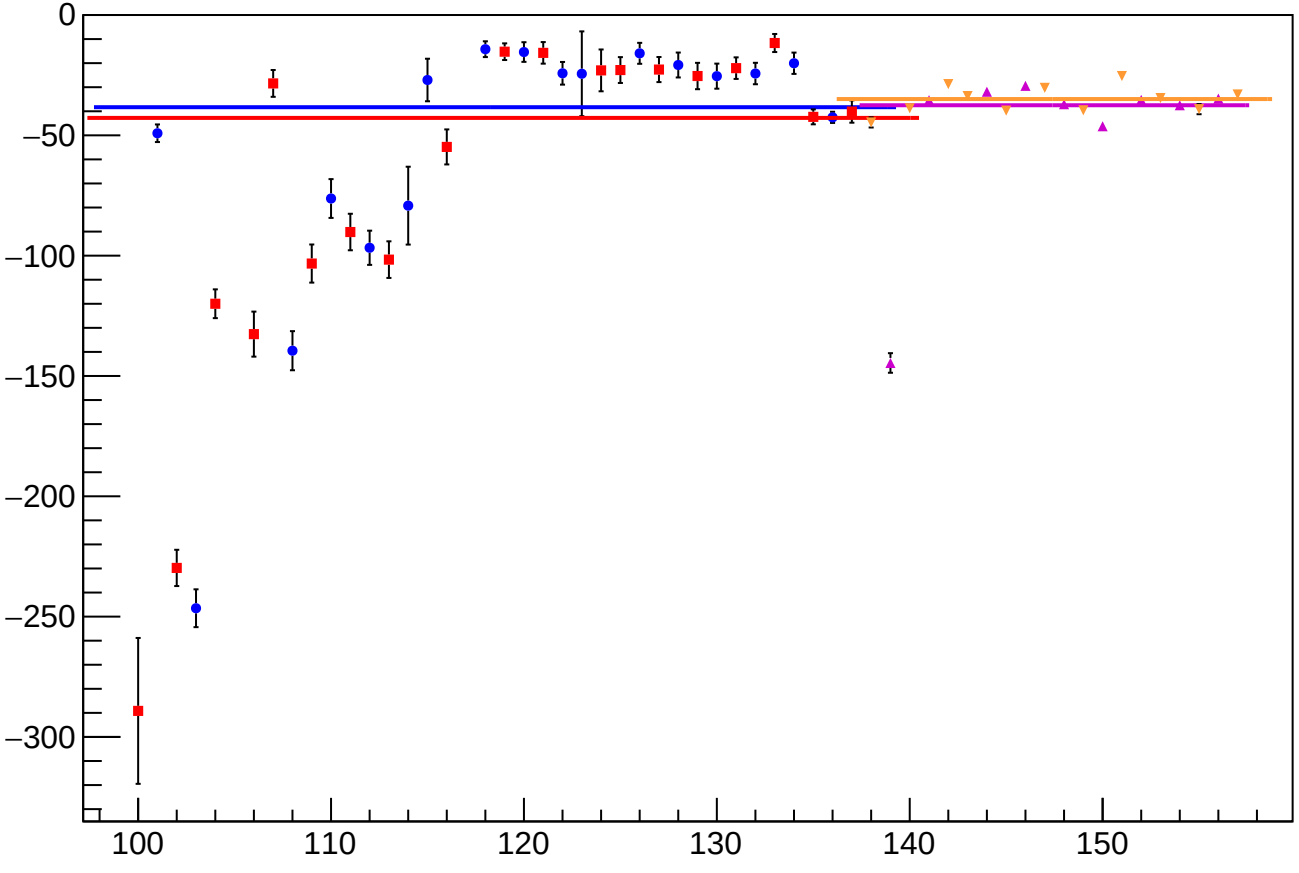
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -42.586+/-0.799 χ^2/NDF:301.8/8

Out: -48.311+/-0.749 χ^2/NDF:241.9/10

All: -45.637+/-0.546 χ^2/NDF: 571.0/19

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -34.922+/-0.524 χ^2/NDF:104.3/10

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -37.495+/-0.559 χ^2/NDF:772.9/8

Left: -36.127+/-0.382 χ^2/NDF: 888.5/19

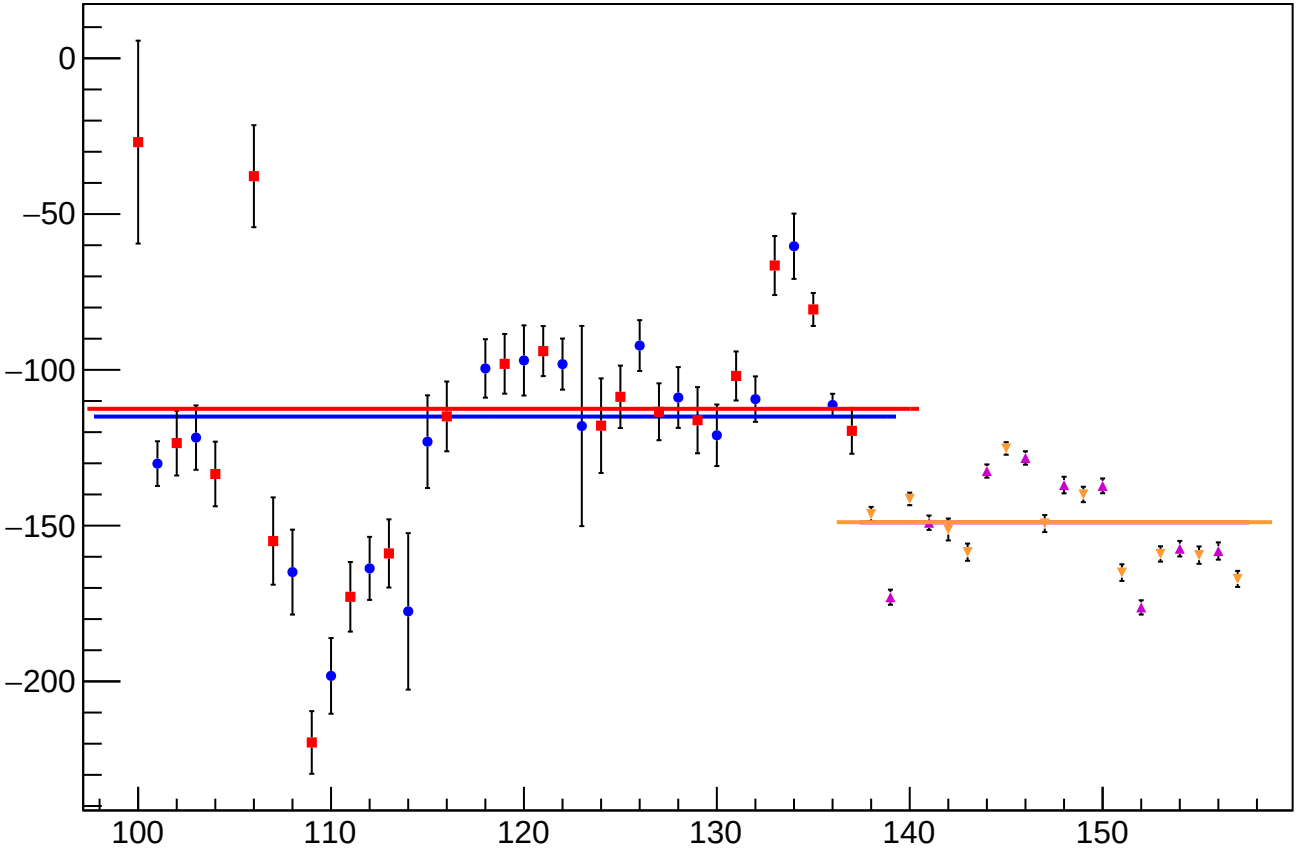
Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -37.653+/-0.502 χ^2/NDF:1906.0/25

Out: -36.159+/-0.481 χ^2/NDF:1481.1/29

All: -36.876+/-0.347 χ^2/NDF: 3391.7/55

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -148.895+/-0.752 χ^2/NDF:296.2/10

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -148.953+/-0.793 χ^2/NDF:458.3/8

Left: -148.922+/-0.545 χ^2/NDF: 754.6/19

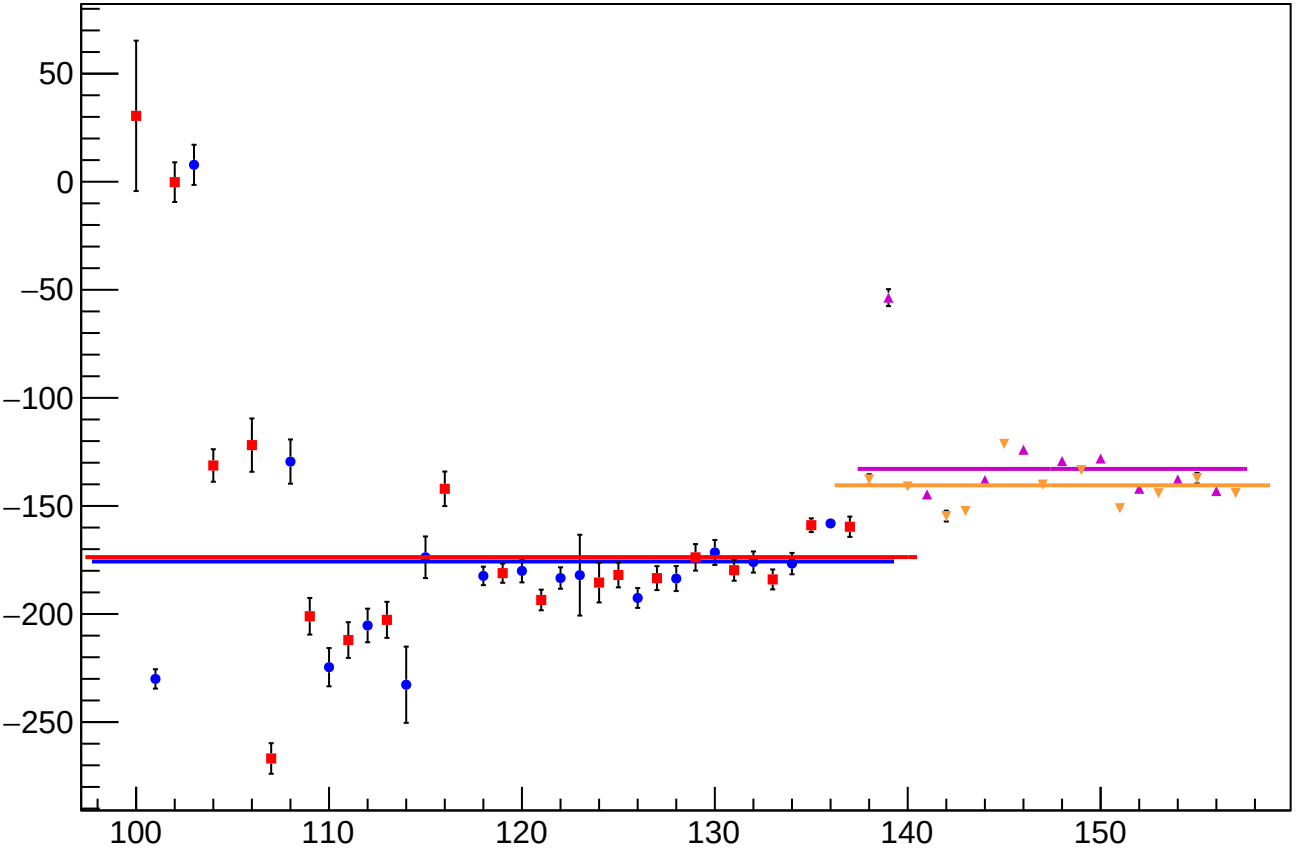
Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -144.619+/-0.740 χ^2/NDF:834.3/25

Out: -145.111+/-0.712 χ^2/NDF:813.0/29

All: -144.875+/-0.513 χ^2/NDF: 1647.5/55

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -140.453+/-0.634 χ^2/NDF:226.7/10

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -132.857+/-0.677 χ^2/NDF:536.6/8

Left: -136.899+/-0.463 χ^2/NDF: 830.4/19

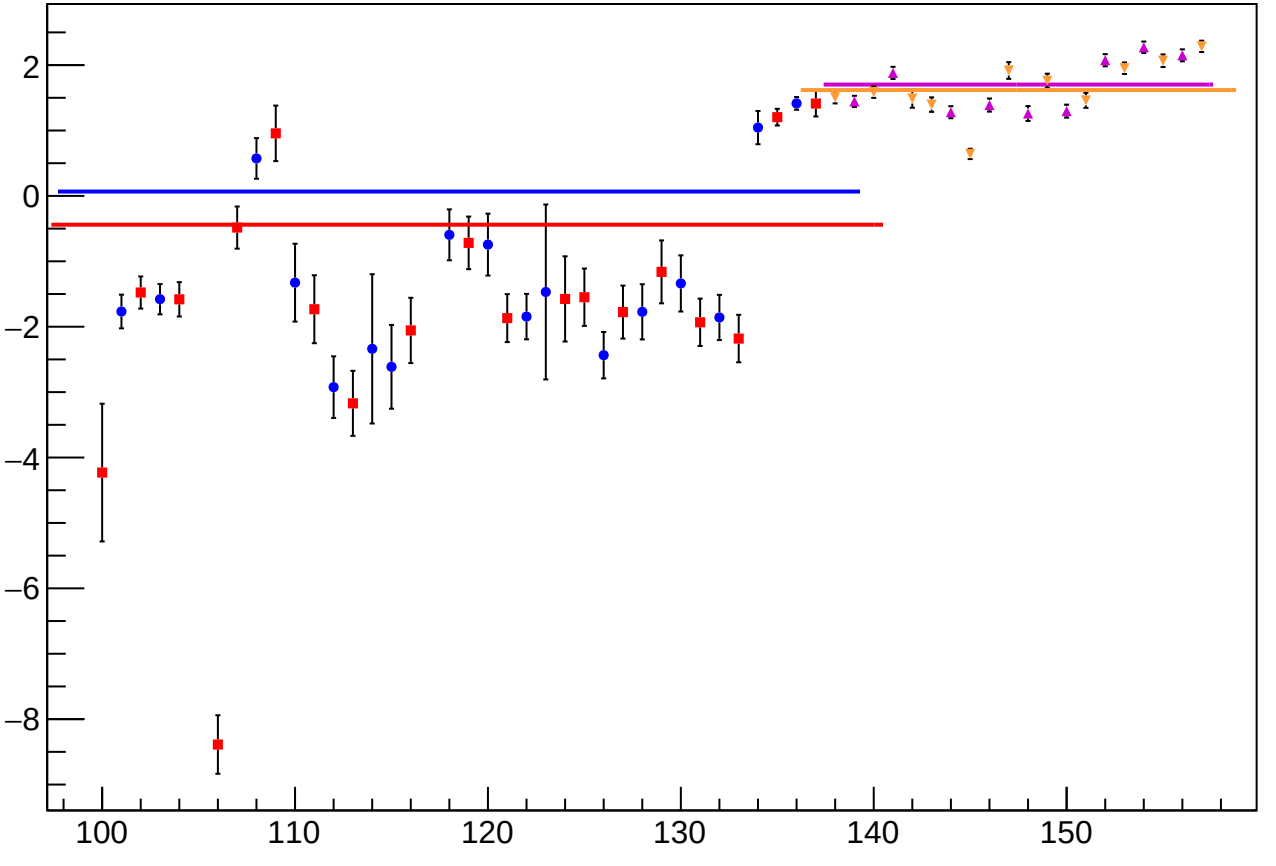
Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -142.355+/-0.597 χ^2/NDF:2118.5/25

Out: -146.418+/-0.575 χ^2/NDF:1456.7/29

All: -144.464+/-0.414 χ^2/NDF: 3599.2/55

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.619+/-0.030 χ^2/NDF:263.0/10

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.703+/-0.031 χ^2/NDF:157.3/8

Left: 1.658+/-0.022 χ^2/NDF: 424.1/19

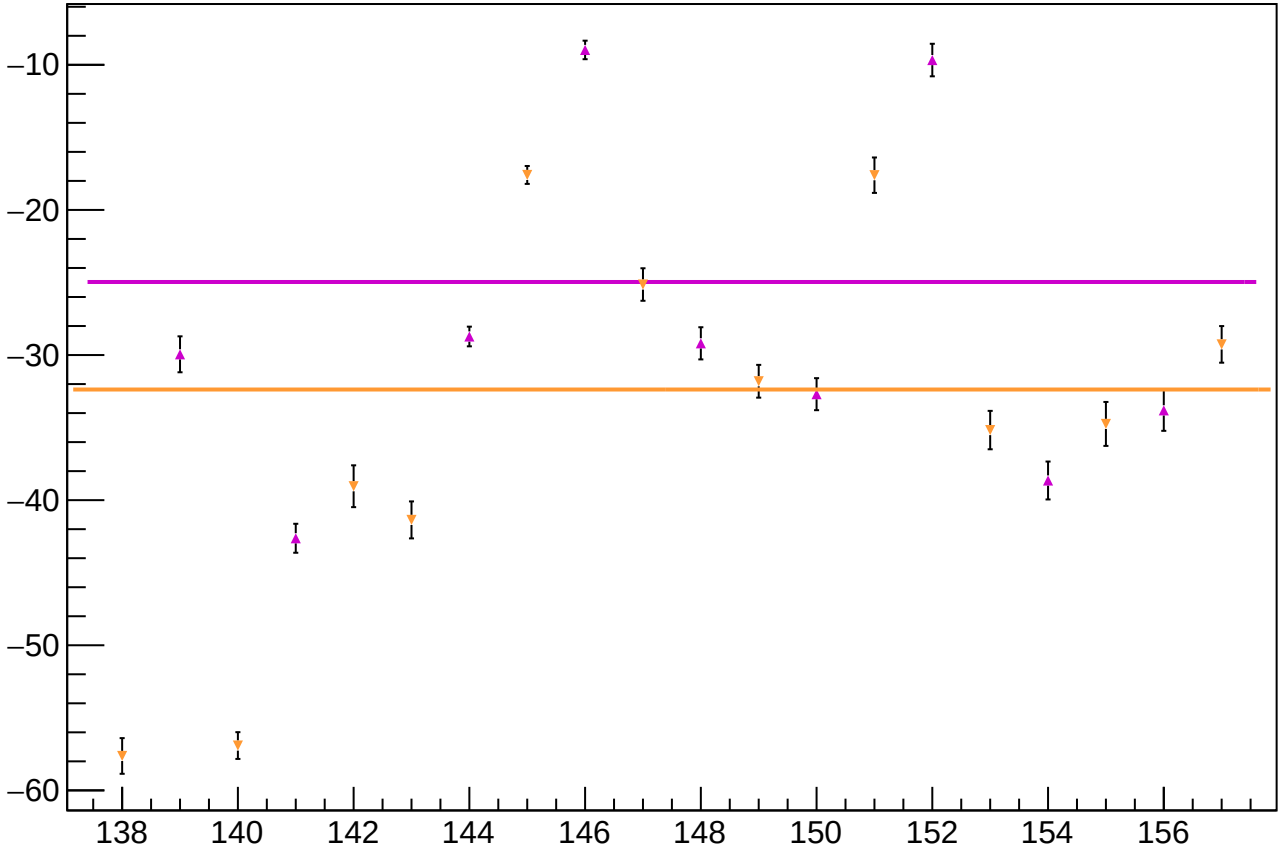
Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 1.407+/-0.028 χ^2/NDF:1172.1/25

Out: 1.312+/-0.027 χ^2/NDF:1731.3/29

All: 1.357+/-0.020 χ^2/NDF: 2909.2/55

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -32.375+/-0.325 χ^2/NDF:1975.5/10

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

Left In: -24.966+/-0.319 χ^2/NDF:1385.7/8

Left: -28.602+/-0.228 χ^2/NDF: 3625.4/19

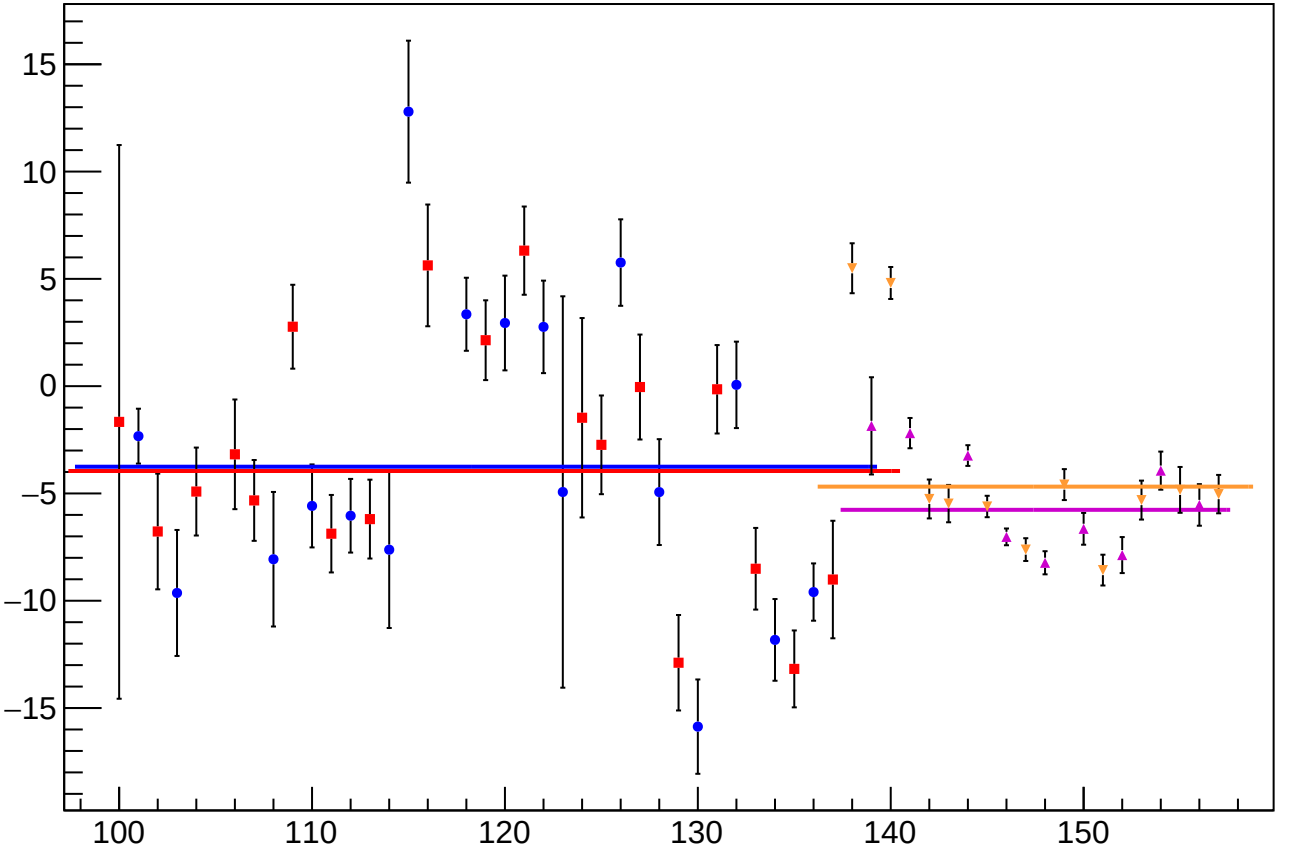
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.966+/-0.319 χ^2/NDF:1385.7/8

Out: -32.375+/-0.325 χ^2/NDF:1975.5/10

All: -28.602+/-0.228 χ^2/NDF: 3625.4/19

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -4.682+/-0.224 χ^2/NDF:303.9/10

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -5.763+/-0.213 χ^2/NDF:99.5/8

Left: -5.251+/-0.154 χ^2/NDF: 415.6/19

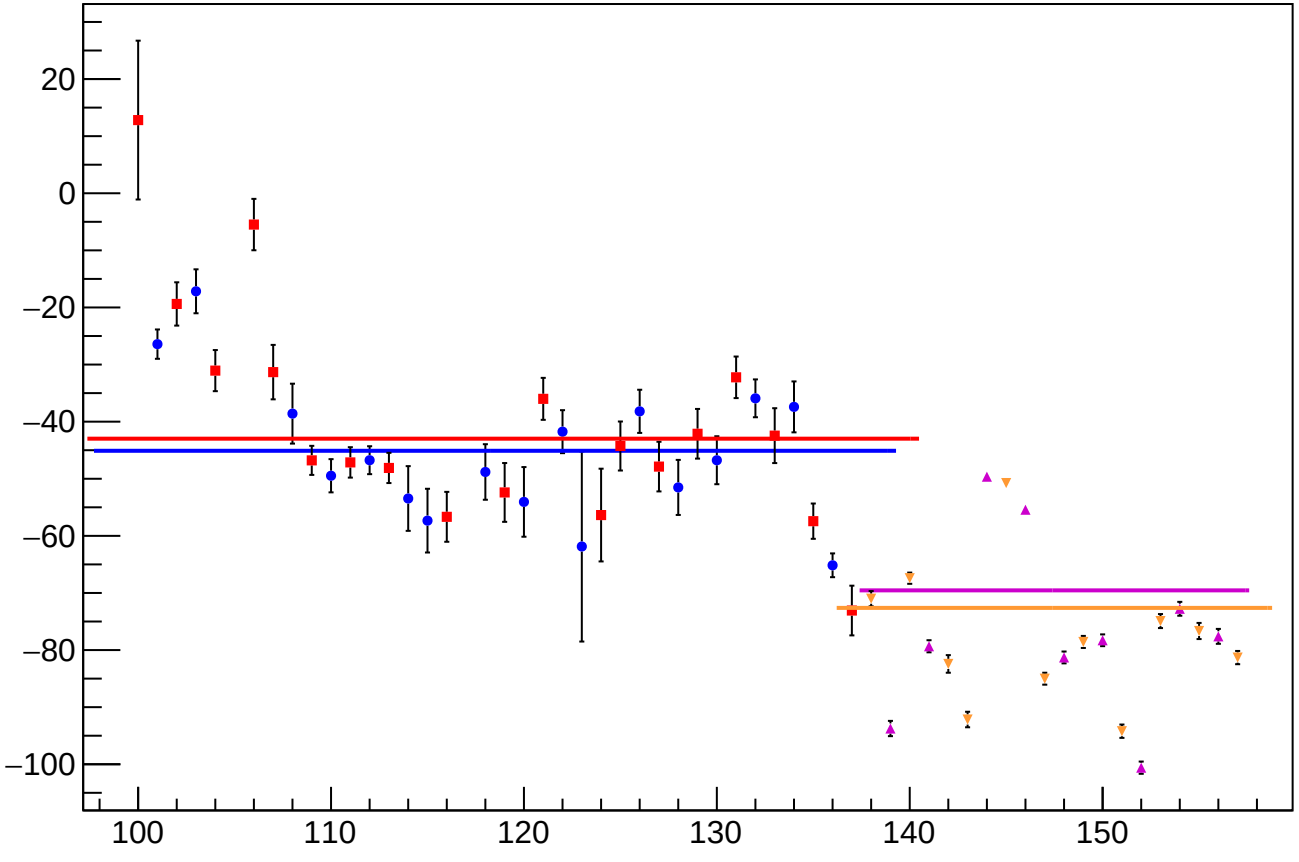
Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: -5.450+/-0.196 χ^2/NDF:278.7/25

Out: -4.563+/-0.205 χ^2/NDF:428.9/29

All: -5.028+/-0.142 χ^2/NDF: 717.4/55

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -72.614+/-0.327 χ^2/NDF:1970.8/10

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -69.545+/-0.316 χ^2/NDF:2775.3/8

Left: -71.027+/-0.227 χ^2/NDF: 4791.6/19

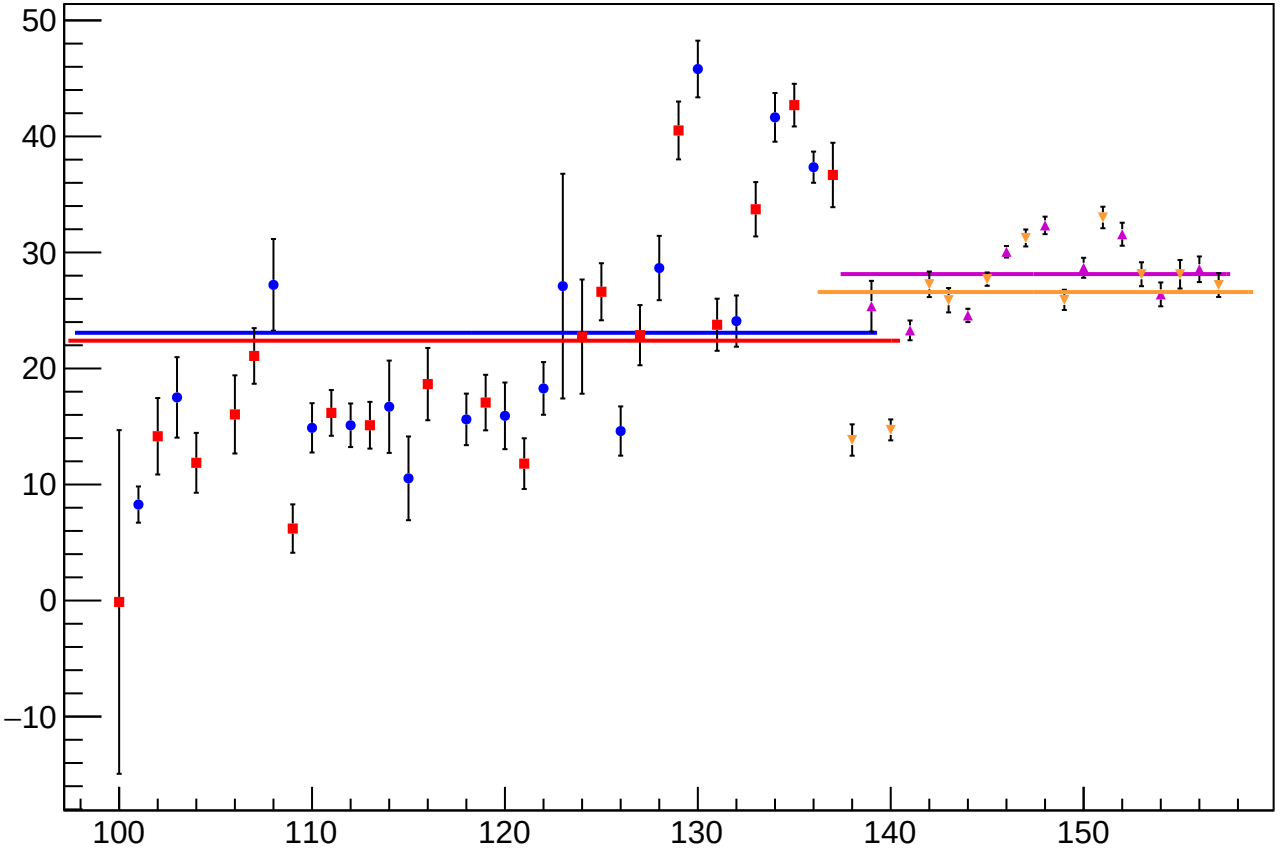
Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -66.754+/-0.298 χ^2/NDF:3687.3/25

Out: -68.994+/-0.307 χ^2/NDF:3221.3/29

All: -67.841+/-0.214 χ^2/NDF: 6936.1/55

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 26.589+/-0.273 χ^2/NDF:359.9/10

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 28.137+/-0.262 χ^2/NDF:134.1/8

Left: 27.396+/-0.189 χ^2/NDF: 510.8/19

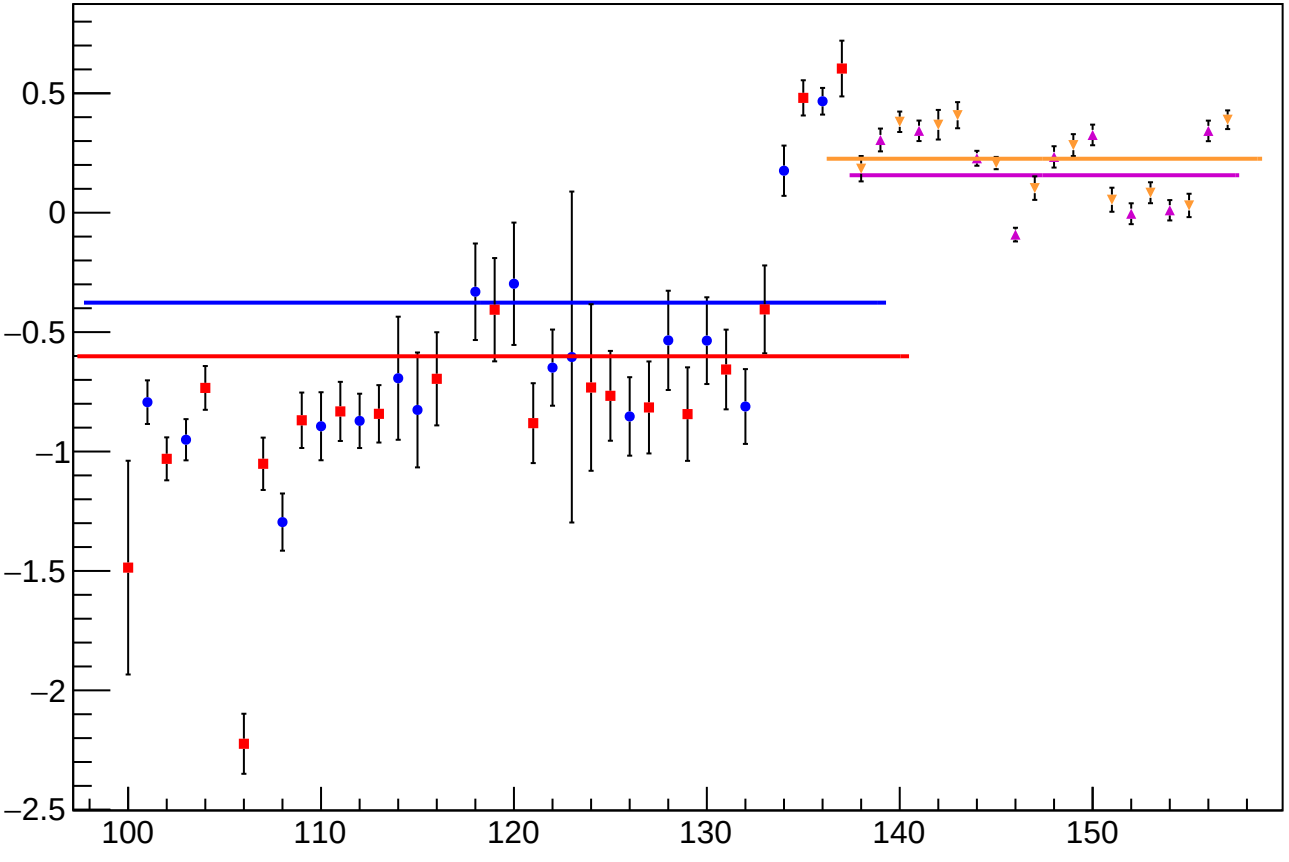
Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 27.219+/-0.237 χ^2/NDF:663.0/25

Out: 25.811+/-0.246 χ^2/NDF:773.9/29

All: 26.544+/-0.171 χ^2/NDF: 1453.9/55

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.226+/-0.013 χ^2/NDF:93.9/10

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.157+/-0.013 χ^2/NDF:171.0/8

Left: 0.191+/-0.009 χ^2/NDF: 278.9/19

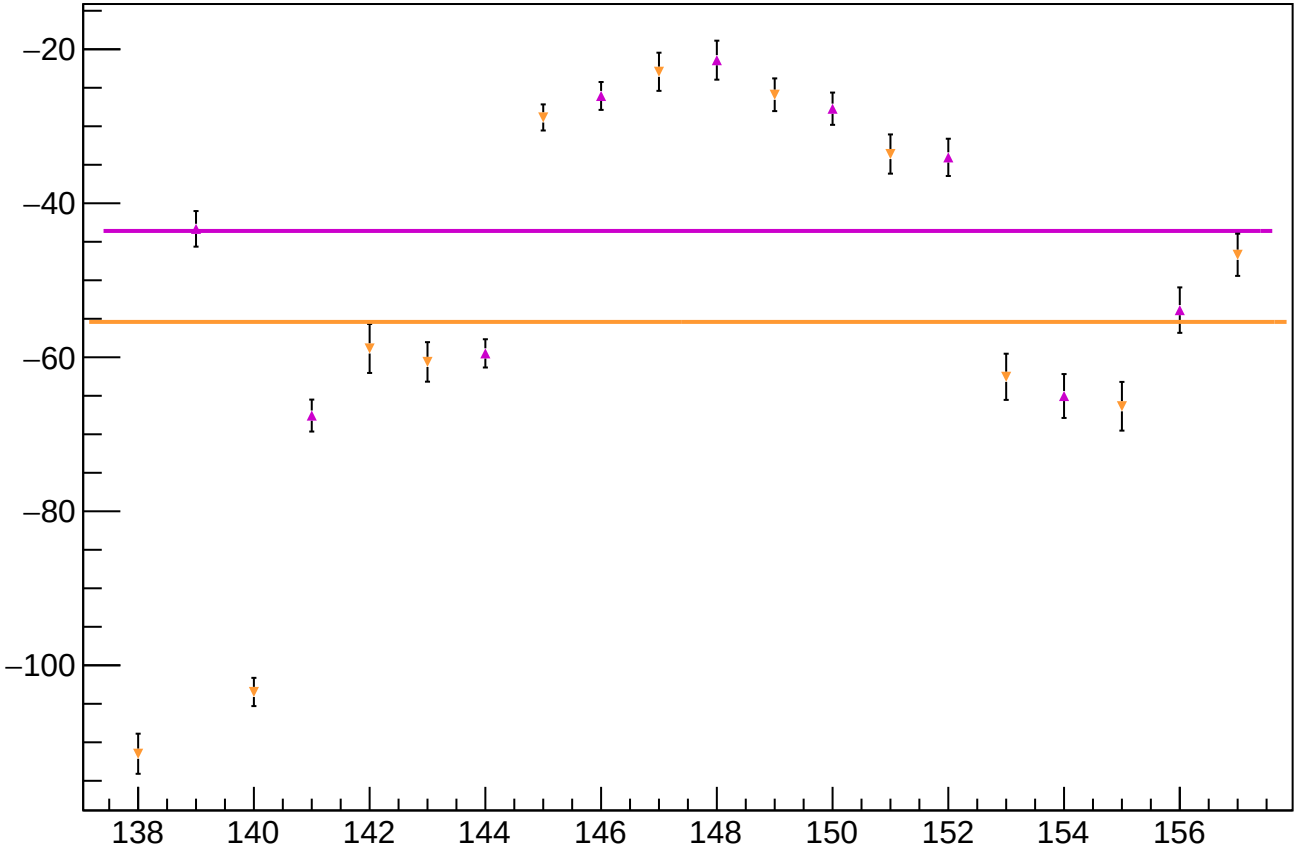
Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.072+/-0.012 χ^2/NDF:873.1/25

Out: 0.096+/-0.012 χ^2/NDF:1282.6/29

All: 0.084+/-0.008 χ^2/NDF: 2157.6/55

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -55.406+/-0.720 χ^2/NDF:1867.9/10

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

Left In: -43.593+/-0.742 χ^2/NDF:520.9/8

Left: -49.677+/-0.517 χ^2/NDF: 2519.1/19

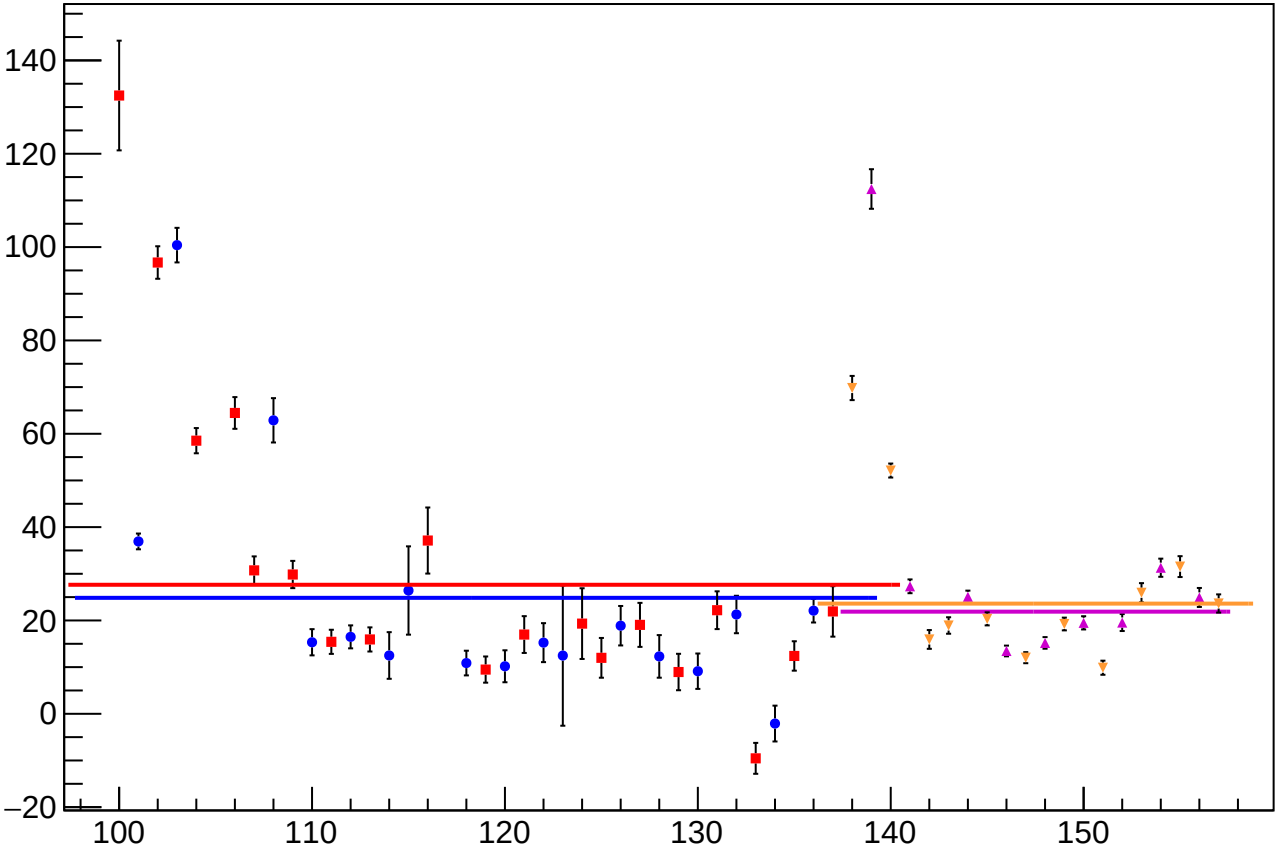
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -43.593+/-0.742 χ^2/NDF:520.9/8

Out: -55.406+/-0.720 χ^2/NDF:1867.9/10

All: -49.677+/-0.517 χ^2/NDF: 2519.1/19

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 23.610+/-0.496 χ^2/NDF:908.6/10

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 21.886+/-0.513 χ^2/NDF:587.9/8

Left: 22.776+/-0.357 χ^2/NDF: 1502.3/19

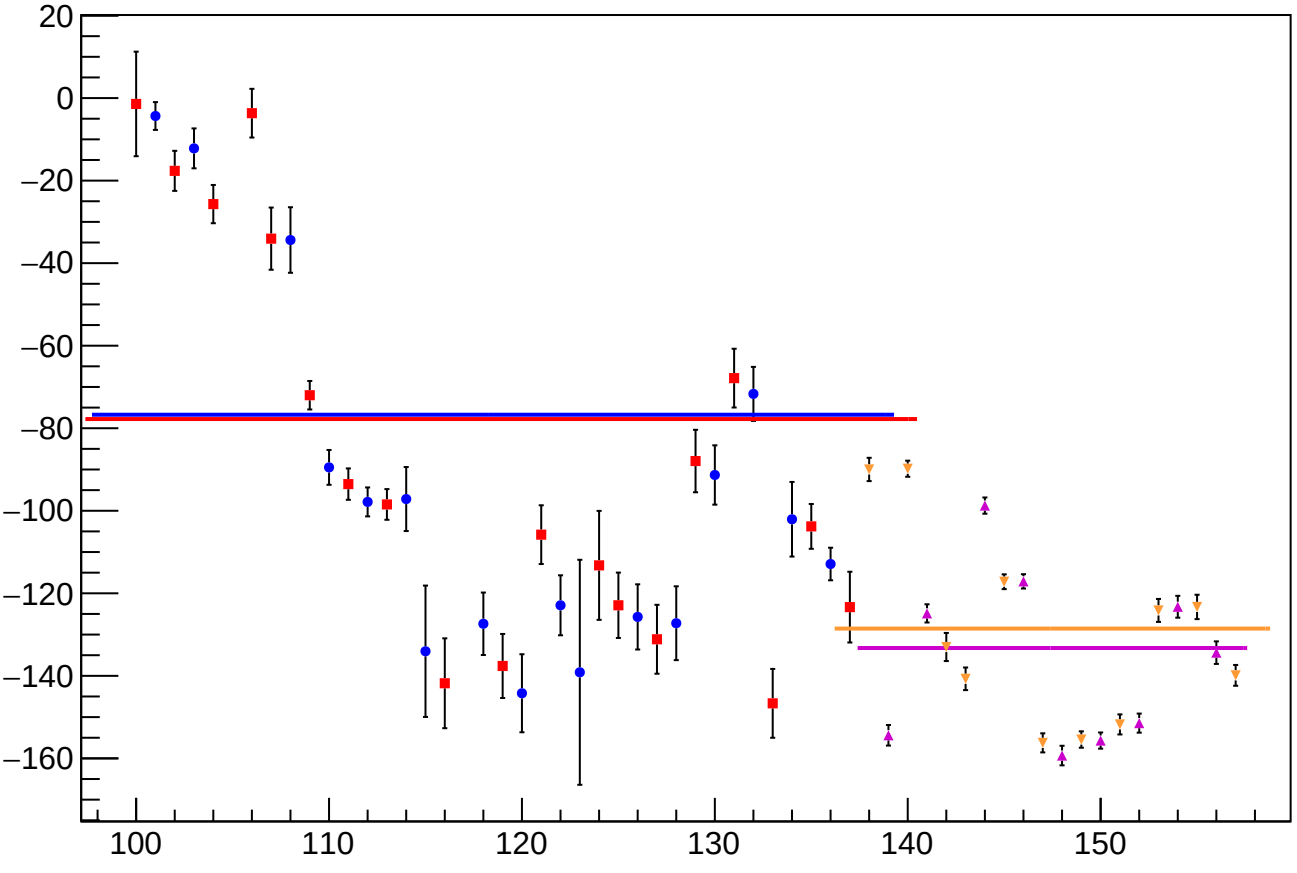
Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 22.747+/-0.432 χ^2/NDF:1288.4/25

Out: 24.712+/-0.423 χ^2/NDF:1935.8/29

All: 23.749+/-0.302 χ^2/NDF: 3234.8/55

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -128.544+/-0.720 χ^2/NDF:1085.4/10

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -133.257+/-0.734 χ^2/NDF:808.2/8

Left: -130.855+/-0.514 χ^2/NDF: 1914.6/19

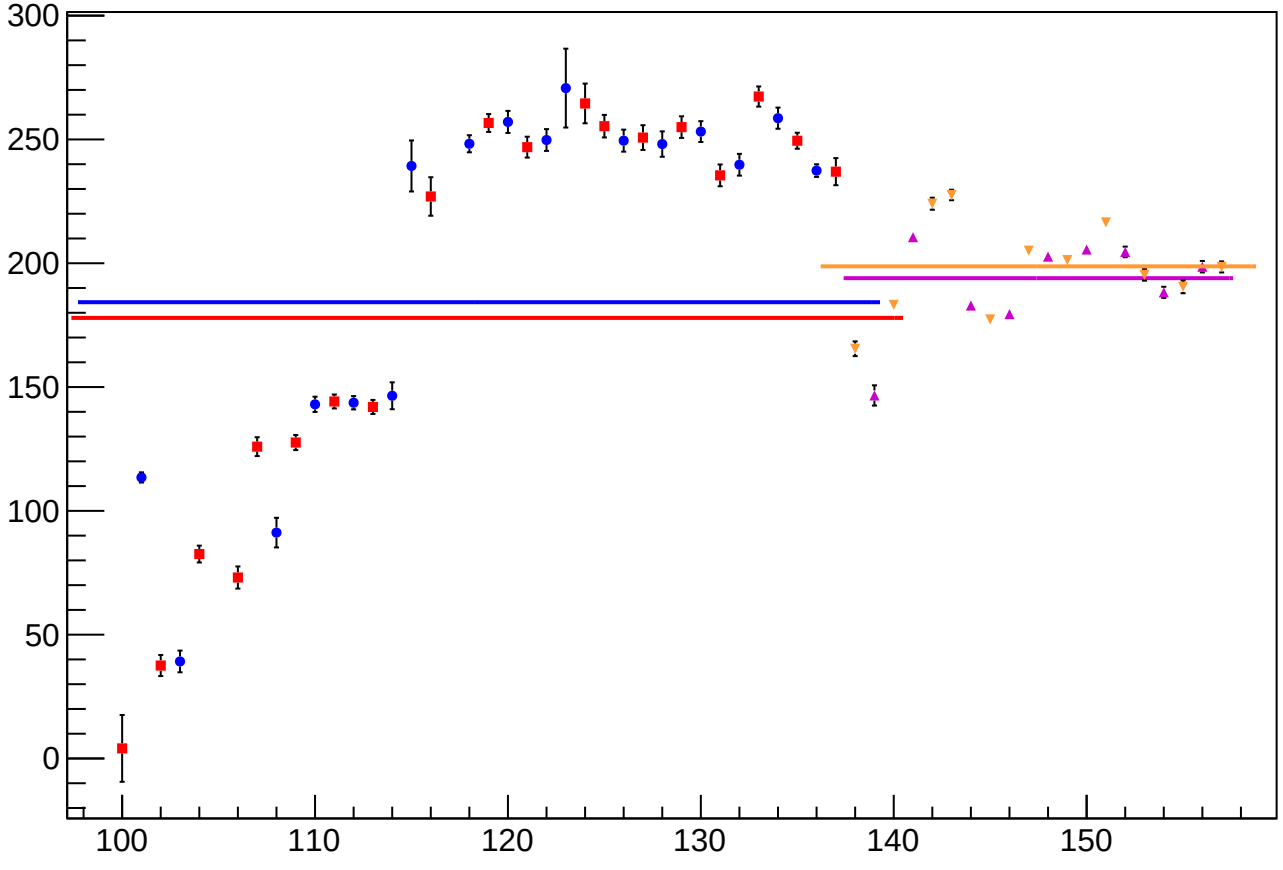
Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -121.235+/-0.651 χ^2/NDF:3111.7/25

Out: -117.332+/-0.635 χ^2/NDF:3055.5/29

All: -119.235+/-0.455 χ^2/NDF: 6185.7/55

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 198.747+/-0.604 χ^2/NDF:784.0/10

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 193.971+/-0.622 χ^2/NDF:484.0/8

Left: 196.431+/-0.433 χ^2/NDF: 1298.5/19

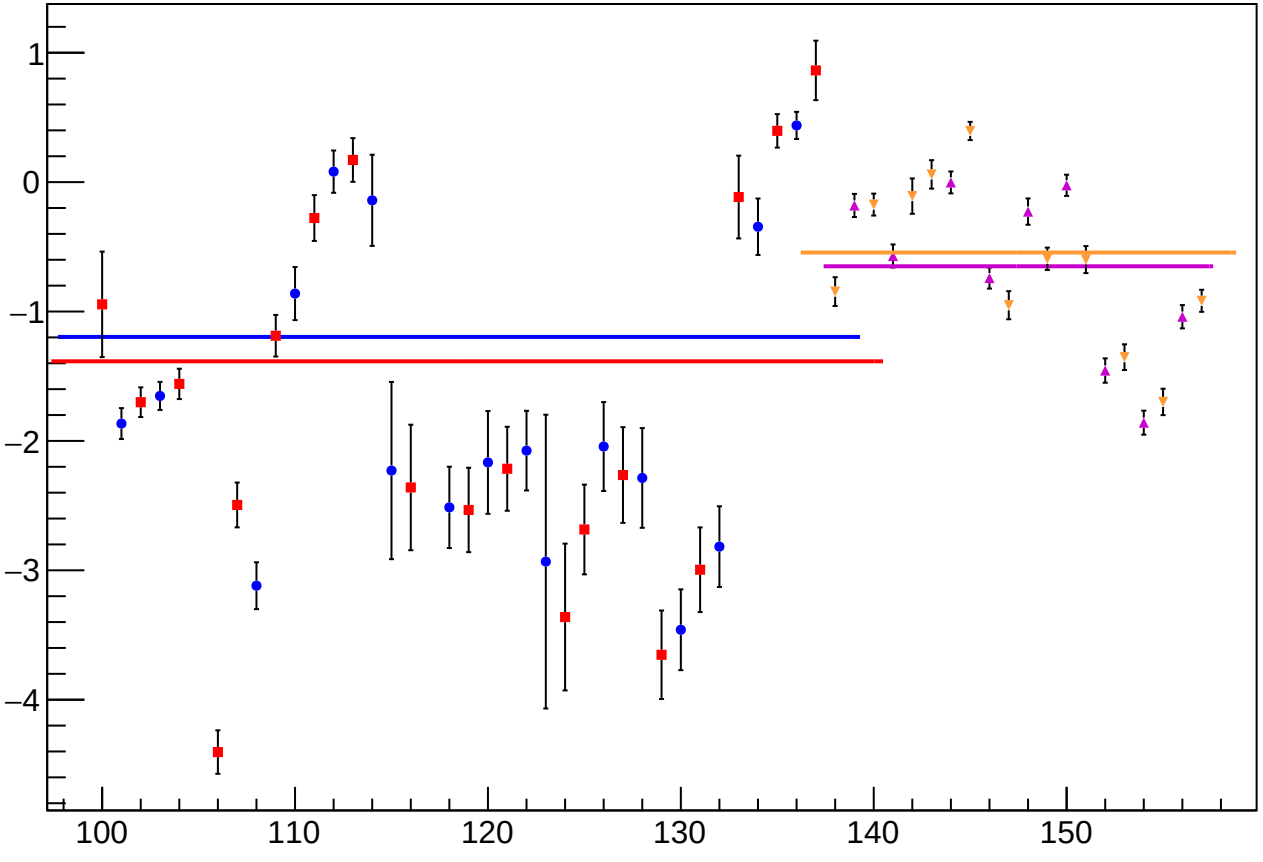
Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 190.900+/-0.514 χ^2/NDF:5962.0/25

Out: 192.521+/-0.505 χ^2/NDF:7470.8/29

All: 191.725+/-0.360 χ^2/NDF: 13437.9/55

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.544+/-0.029 χ^2/NDF:473.6/10

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.650+/-0.030 χ^2/NDF:425.0/8

Left: -0.596+/-0.021 χ^2/NDF: 905.2/19

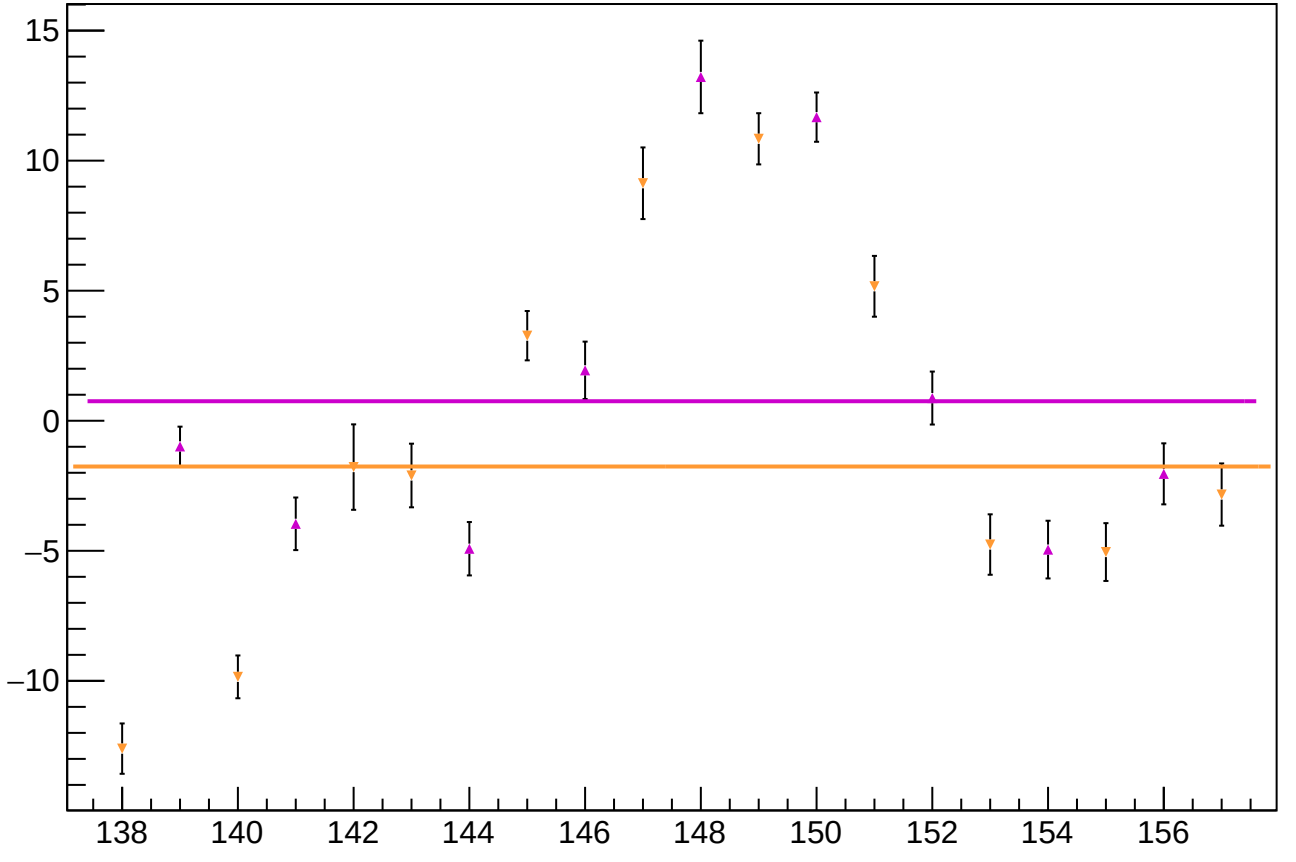
Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.801+/-0.025 χ^2/NDF:1141.5/25

Out: -0.782+/-0.024 χ^2/NDF:1639.6/29

All: -0.791+/-0.018 χ^2/NDF: 2781.4/55

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.759+/-0.329 χ^2/NDF:528.2/10

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

Left In: 0.751+/-0.341 χ^2/NDF:303.6/8

Left: -0.548+/-0.237 χ^2/NDF: 859.9/19

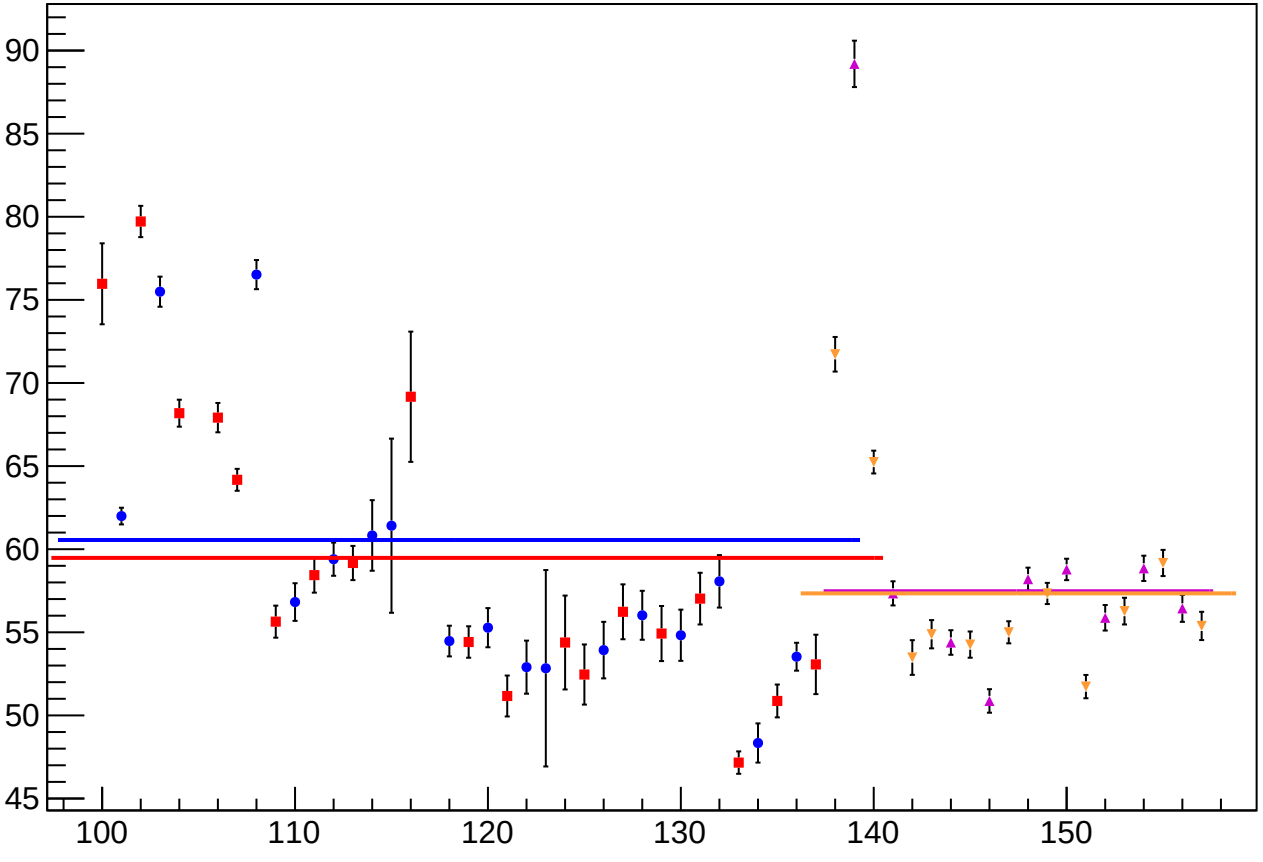
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.751+/-0.341 χ^2/NDF:303.6/8

Out: -1.759+/-0.329 χ^2/NDF:528.2/10

All: -0.548+/-0.237 χ^2/NDF: 859.9/19

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 57.342+/-0.234 χ^2/NDF:449.5/10

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 57.470+/-0.253 χ^2/NDF:635.4/8

Left: 57.401+/-0.172 χ^2/NDF: 1085.0/19

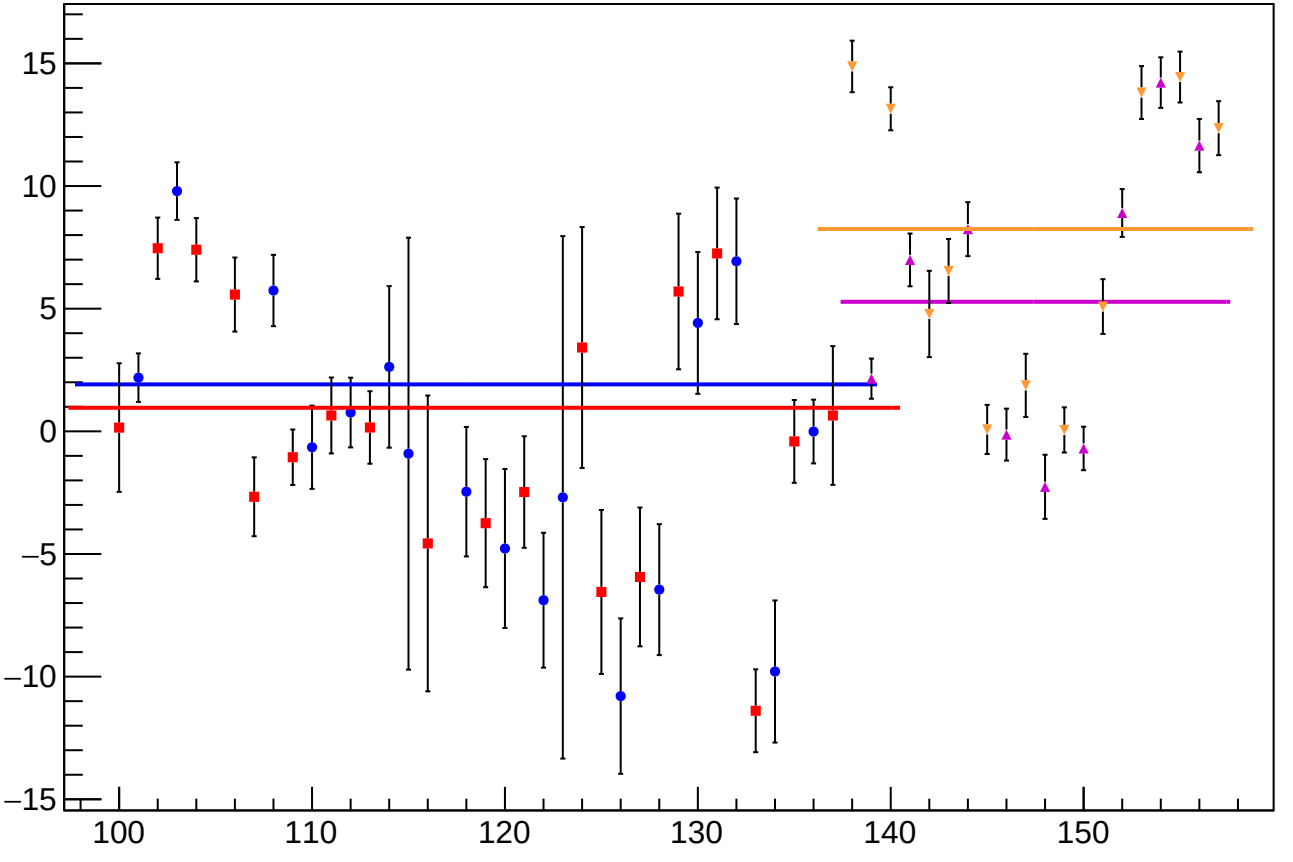
Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 58.958+/-0.182 χ^2/NDF:1638.1/25

Out: 58.348+/-0.170 χ^2/NDF:1805.7/29

All: 58.633+/-0.124 χ^2/NDF: 3449.8/55

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 8.249+/-0.328 χ^2/NDF:331.2/10

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 5.281+/-0.338 χ^2/NDF:252.7/8

Left: 6.809+/-0.235 χ^2/NDF: 623.7/19

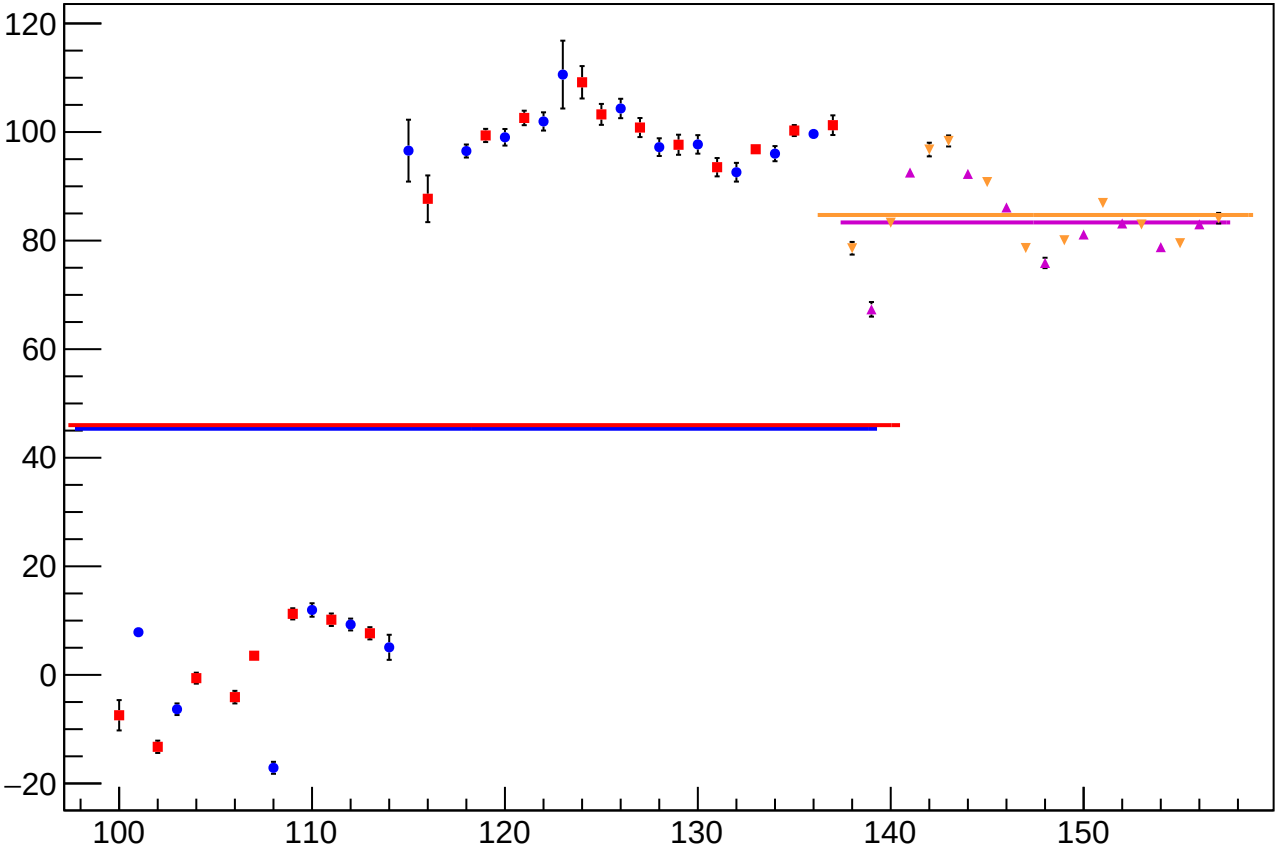
Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 4.095+/-0.272 χ^2/NDF:409.3/25

Out: 5.526+/-0.259 χ^2/NDF:665.6/29

All: 4.844+/-0.188 χ^2/NDF: 1089.4/55

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 84.721+/-0.281 χ^2/NDF:472.1/10

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 83.346+/-0.300 χ^2/NDF:464.8/8

Left: 84.079+/-0.205 χ^2/NDF: 948.1/19

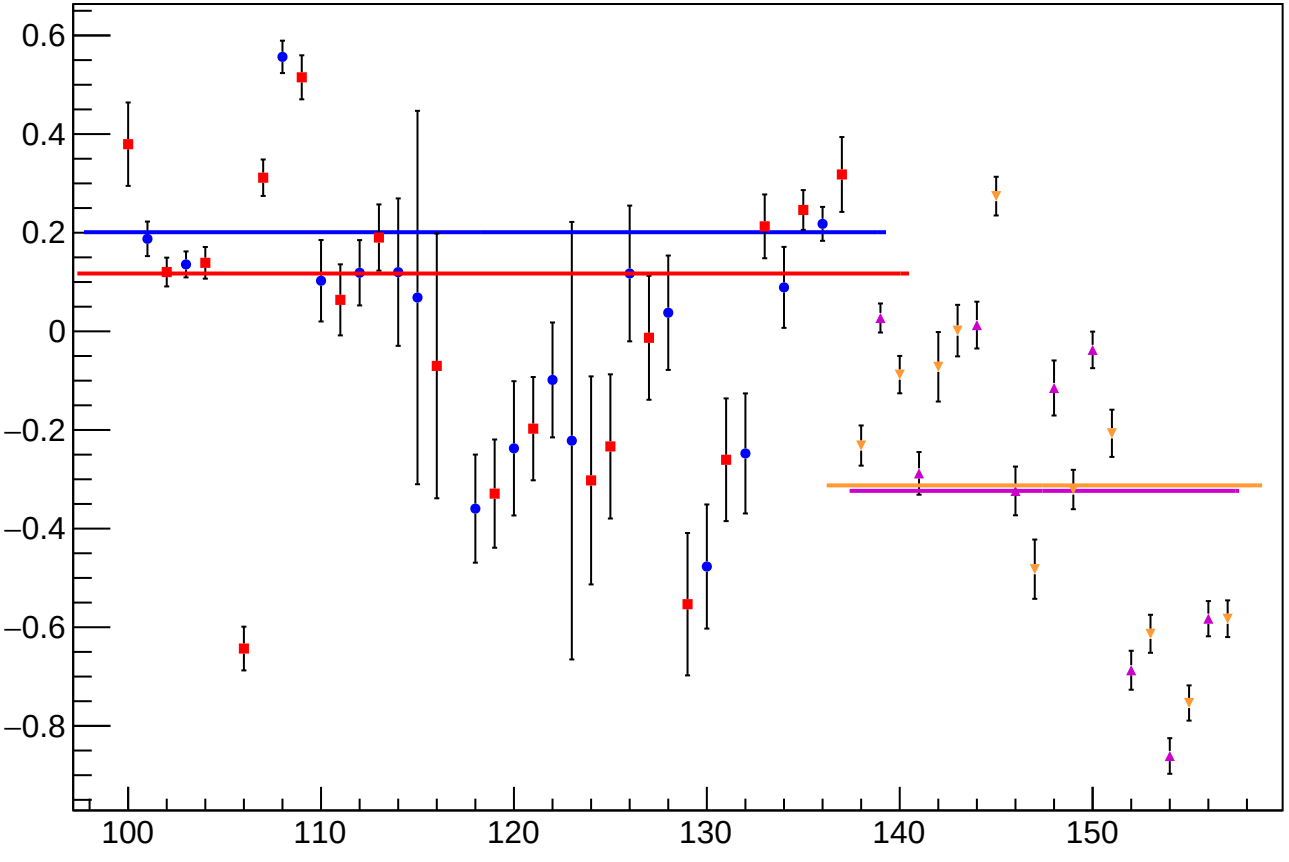
Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 64.531+/-0.213 χ^2/NDF:33465.6/25

Out: 65.949+/-0.202 χ^2/NDF:37905.8/29

All: 65.280+/-0.147 χ^2/NDF: 71394.7/55

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.312+/-0.013 χ^2/NDF:589.3/10

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.323+/-0.013 χ^2/NDF:625.4/8

Left: -0.318+/-0.009 χ^2/NDF: 1215.1/19

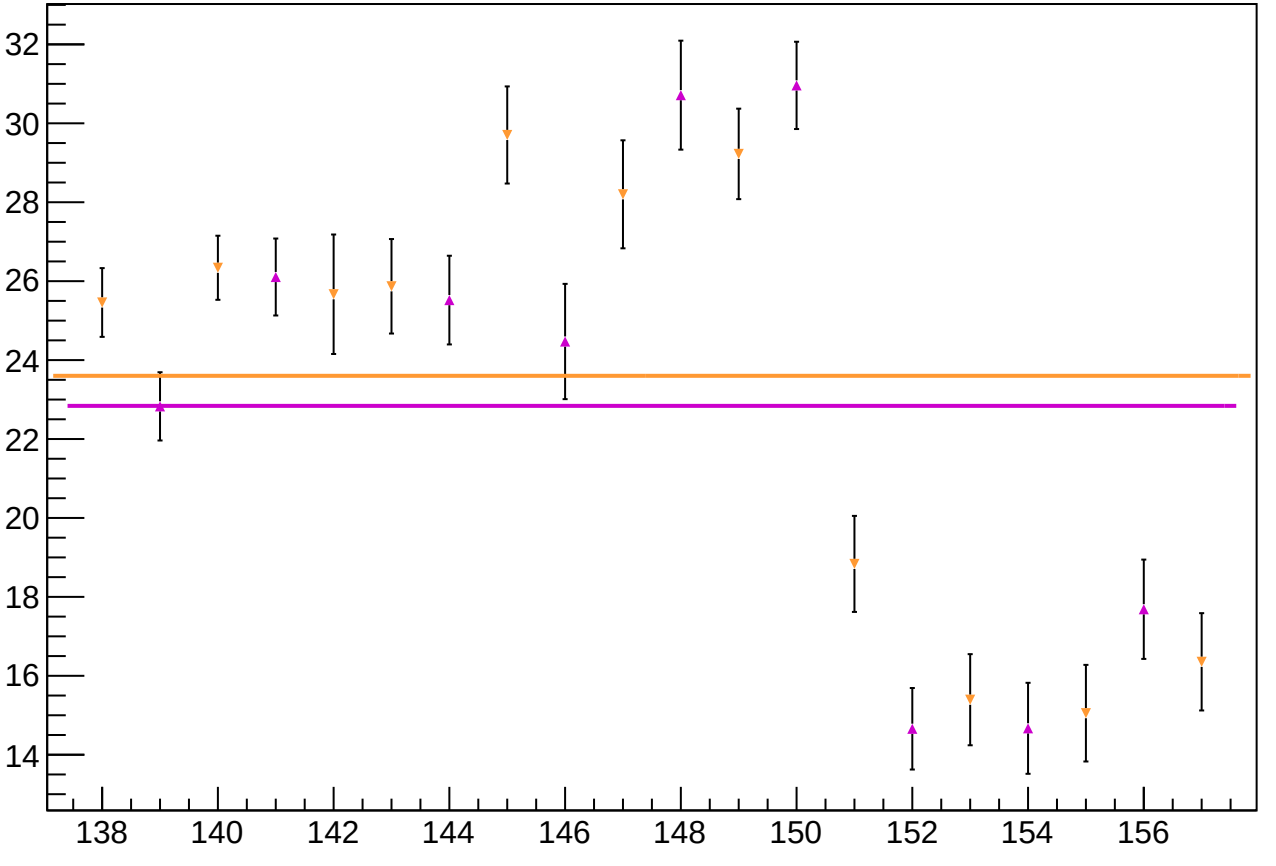
Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: -0.078+/-0.010 χ^2/NDF:1587.1/25

Out: -0.100+/-0.009 χ^2/NDF:1640.2/29

All: -0.090+/-0.007 χ^2/NDF: 3229.9/55

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 23.602+/-0.340 χ^2/NDF:230.5/10

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

Left In: 22.840+/-0.370 χ^2/NDF:234.4/8

Left: 23.253+/-0.250 χ^2/NDF: 467.2/19

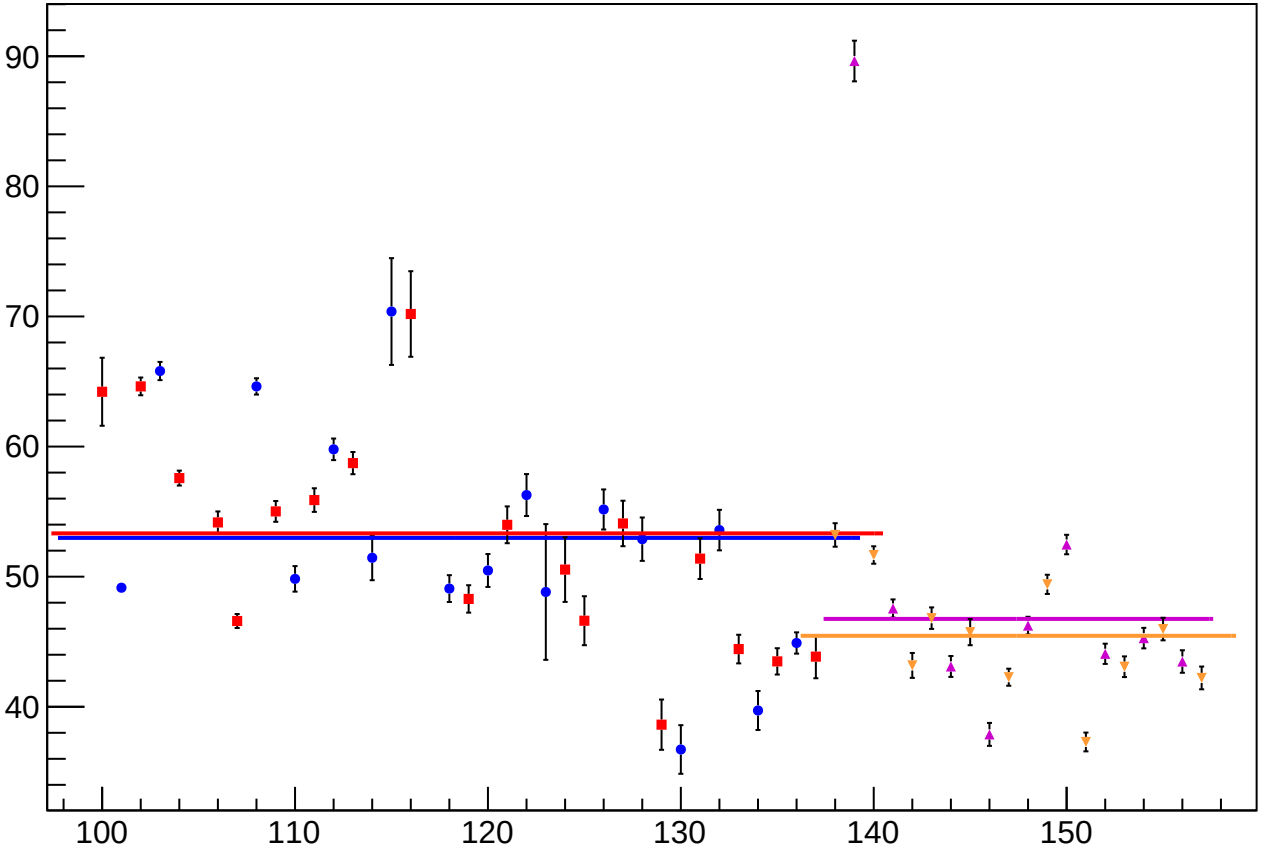
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 22.840+/-0.370 χ^2/NDF:234.4/8

Out: 23.602+/-0.340 χ^2/NDF:230.5/10

All: 23.253+/-0.250 χ^2/NDF: 467.2/19

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 45.455+/-0.240 χ^2/NDF:371.1/10

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 46.755+/-0.269 χ^2/NDF:964.4/8

Left: 46.033+/-0.179 χ^2/NDF: 1348.4/19

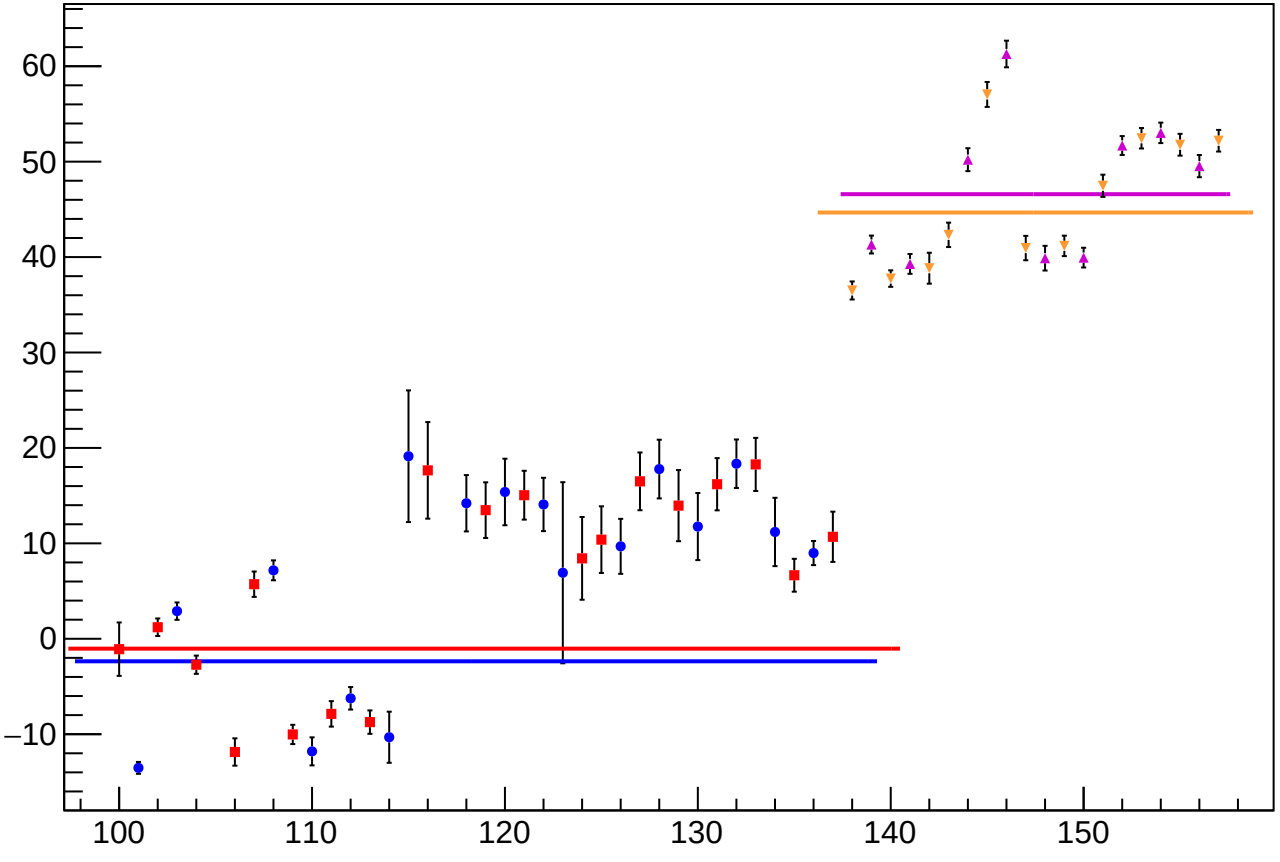
Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 50.617+/-0.166 χ^2/NDF:2495.4/25

Out: 49.623+/-0.165 χ^2/NDF:1811.4/29

All: 50.118+/-0.117 χ^2/NDF: 4324.9/55

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 44.672+/-0.340 χ^2/NDF:405.4/10

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 46.591+/-0.367 χ^2/NDF:338.5/8

Left: 45.558+/-0.249 χ^2/NDF: 758.7/19

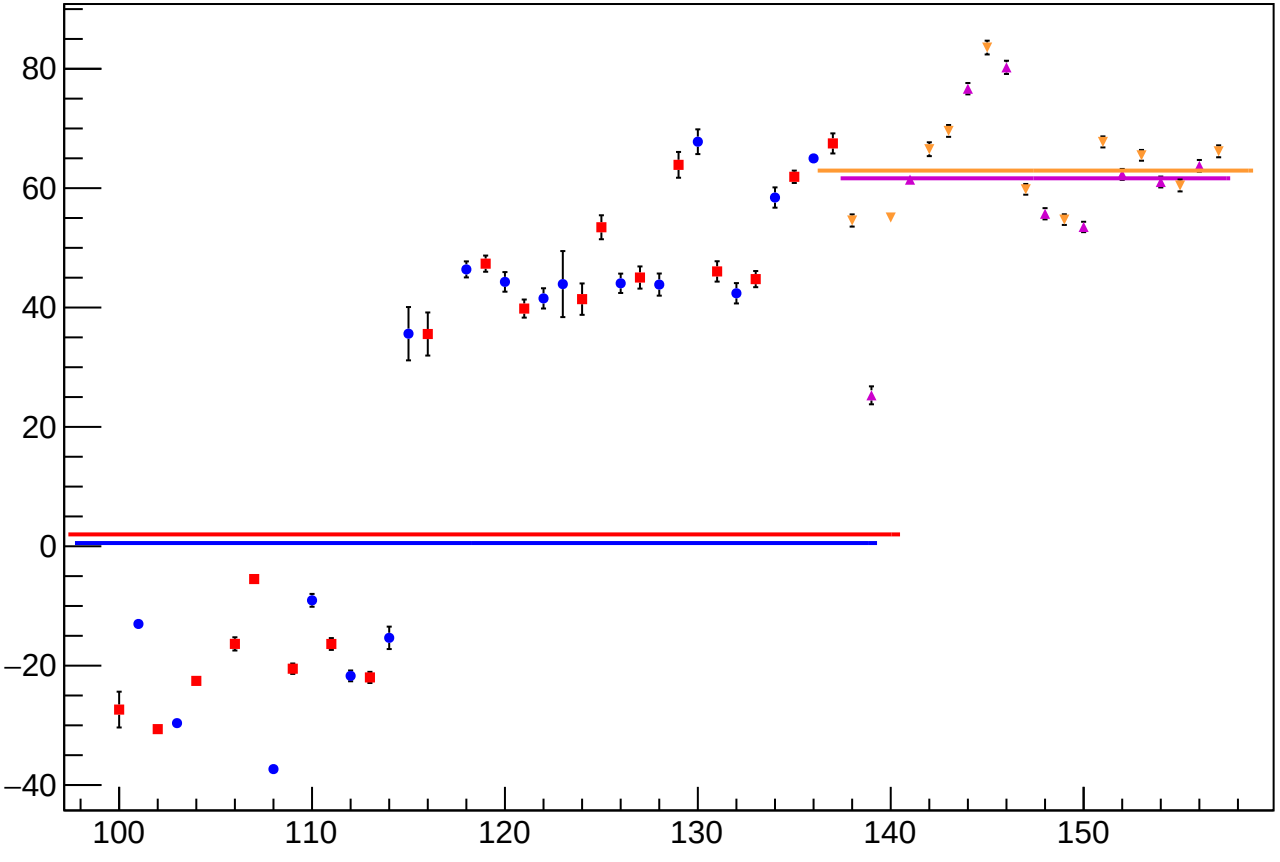
Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 21.929+/-0.258 χ^2/NDF:10162.6/25

Out: 24.195+/-0.252 χ^2/NDF:9030.5/29

All: 23.088+/-0.180 χ^2/NDF: 19232.5/55

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 62.945+/-0.290 χ^2/NDF:682.7/10

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 61.650+/-0.322 χ^2/NDF:1246.9/8

Left: 62.364+/-0.215 χ^2/NDF: 1938.5/19

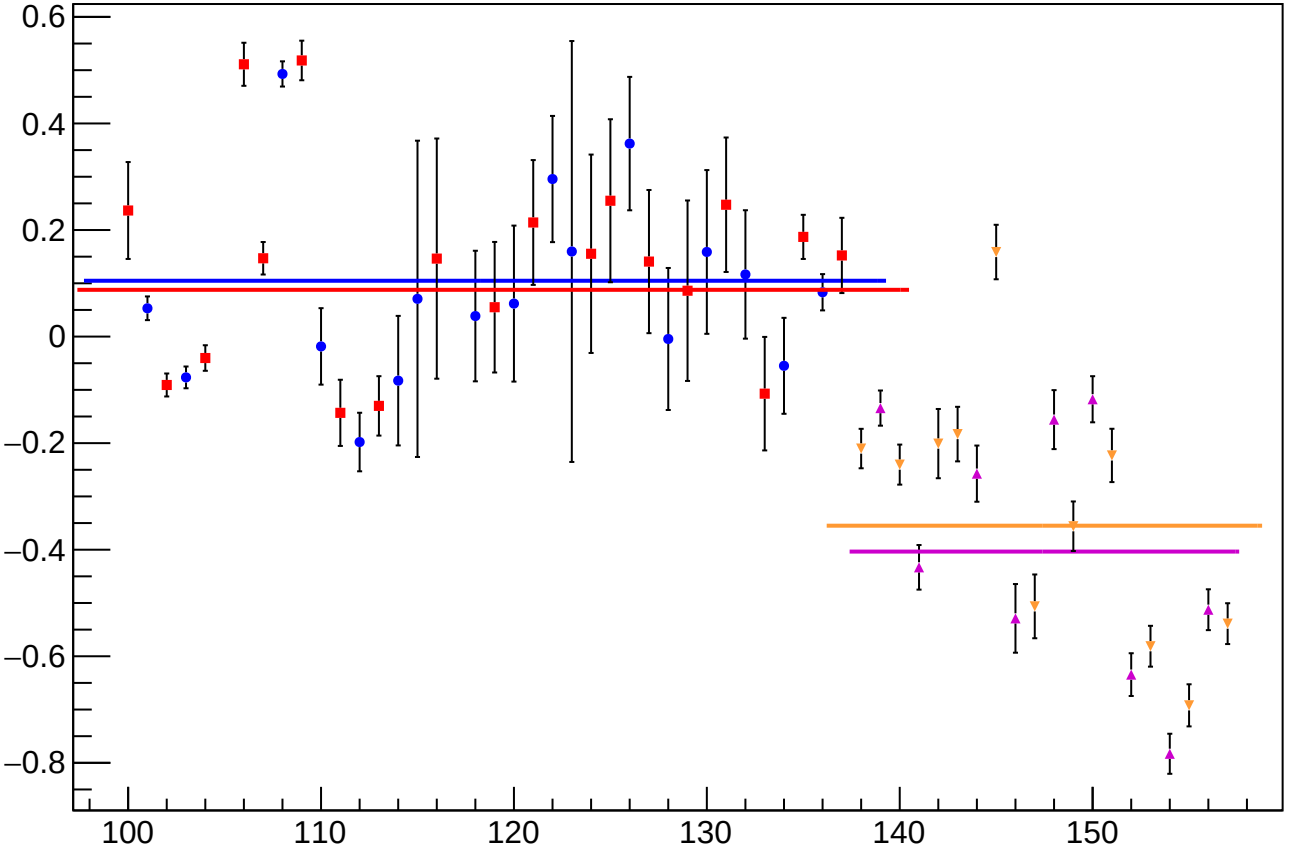
Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 23.176+/-0.196 χ^2/NDF:42396.4/25

Out: 29.900+/-0.196 χ^2/NDF:40110.4/29

All: 26.530+/-0.139 χ^2/NDF: 83095.3/55

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.355+/-0.013 χ^2/NDF:286.5/10

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.404+/-0.014 χ^2/NDF:285.4/8

Left: -0.378+/-0.010 χ^2/NDF: 578.0/19

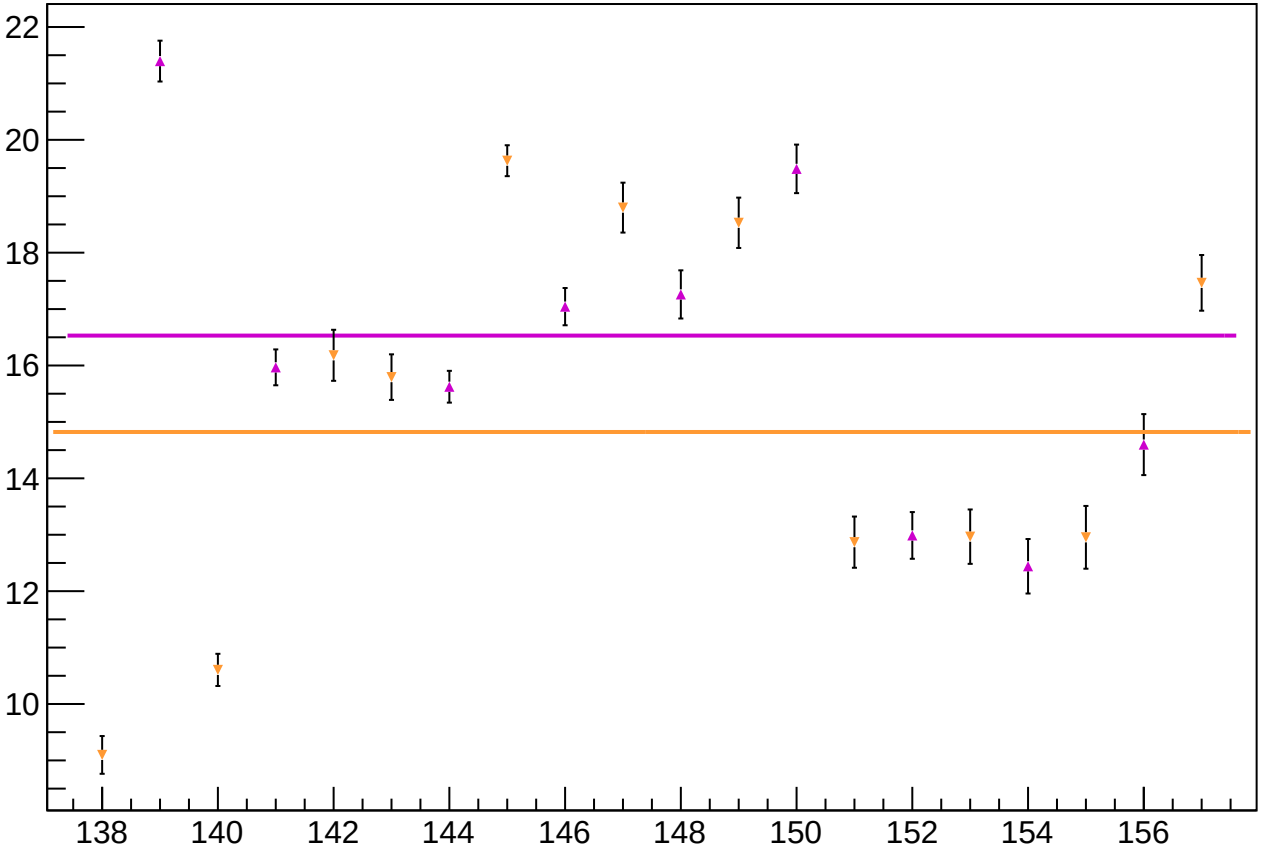
Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: -0.087+/-0.009 χ^2/NDF:1485.2/25

Out: -0.091+/-0.008 χ^2/NDF:1330.2/29

All: -0.089+/-0.006 χ^2/NDF: 2815.5/55

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 14.822+/-0.118 χ^2/NDF:1057.0/10

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

Left In: 16.530+/-0.125 χ^2/NDF:404.3/8

Left: 15.623+/-0.086 χ^2/NDF: 1560.1/19

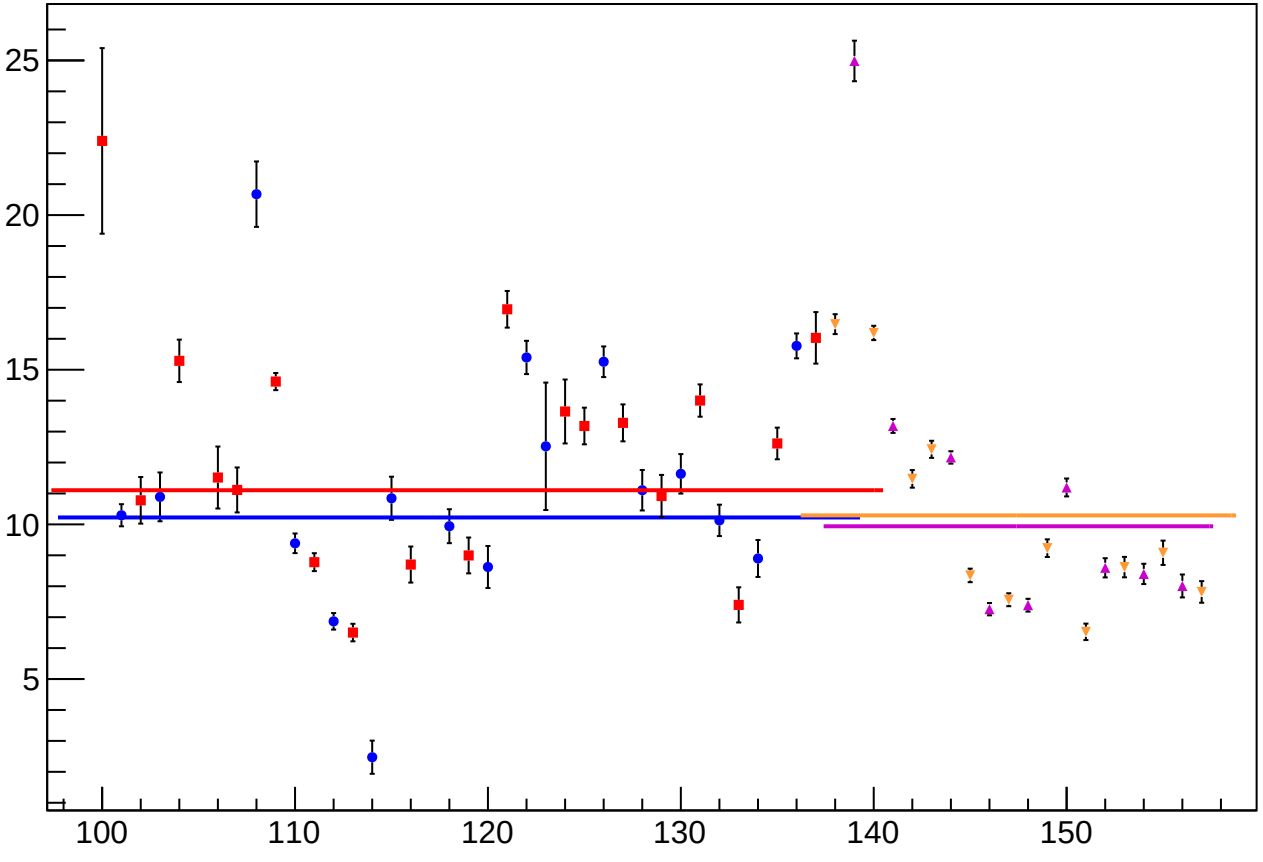
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.530+/-0.125 χ^2/NDF:404.3/8

Out: 14.822+/-0.118 χ^2/NDF:1057.0/10

All: 15.623+/-0.086 χ^2/NDF: 1560.1/19

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 10.291+/-0.082 χ^2/NDF:1643.6/10

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 9.938+/-0.086 χ^2/NDF:1275.5/8

Left: 10.123+/-0.060 χ^2/NDF: 2927.8/19

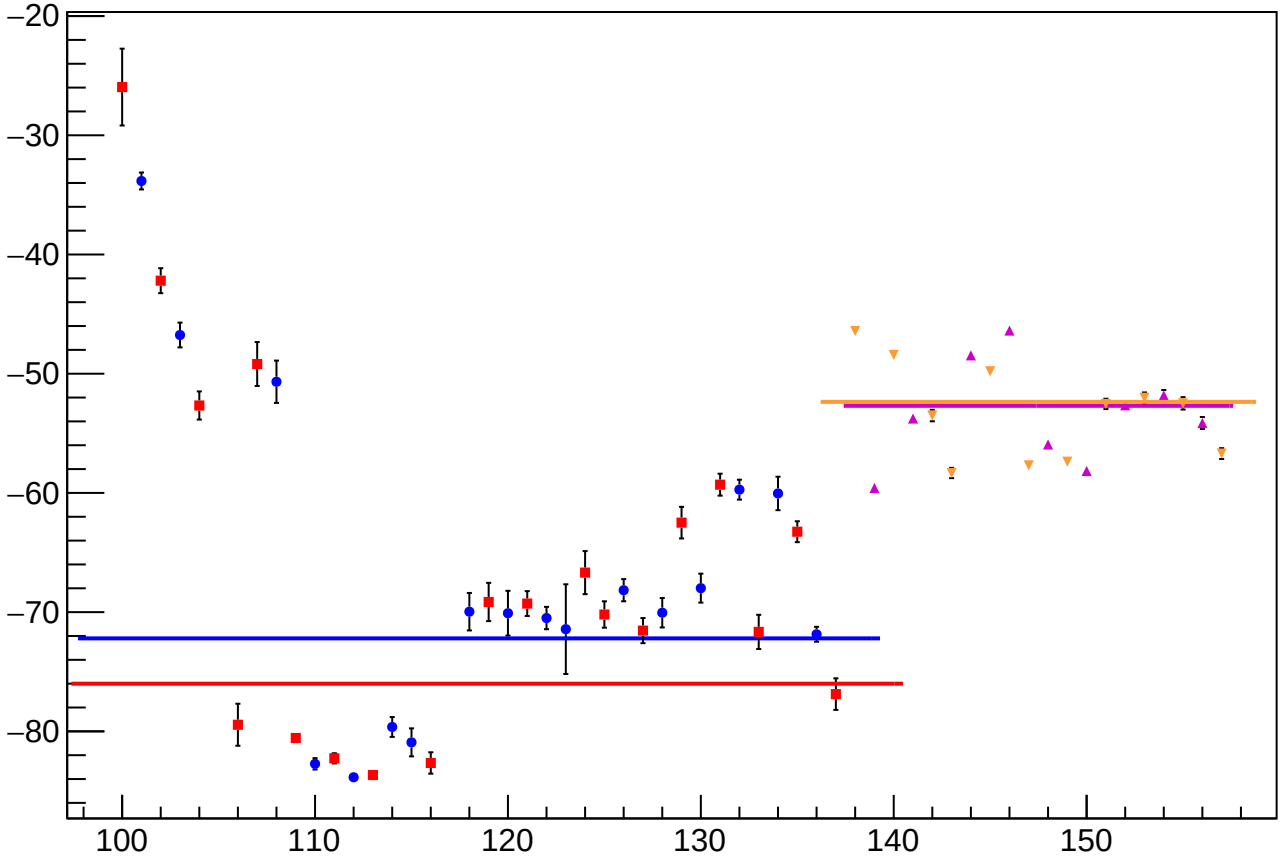
Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 10.037+/-0.070 χ^2/NDF:2156.8/25

Out: 10.562+/-0.067 χ^2/NDF:2493.4/29

All: 10.310+/-0.048 χ^2/NDF: 4679.5/55

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -52.361+/-0.119 χ^2/NDF:1114.4/10

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -52.693+/-0.125 χ^2/NDF:1176.4/8

Left: -52.519+/-0.086 χ^2/NDF: 2294.5/19

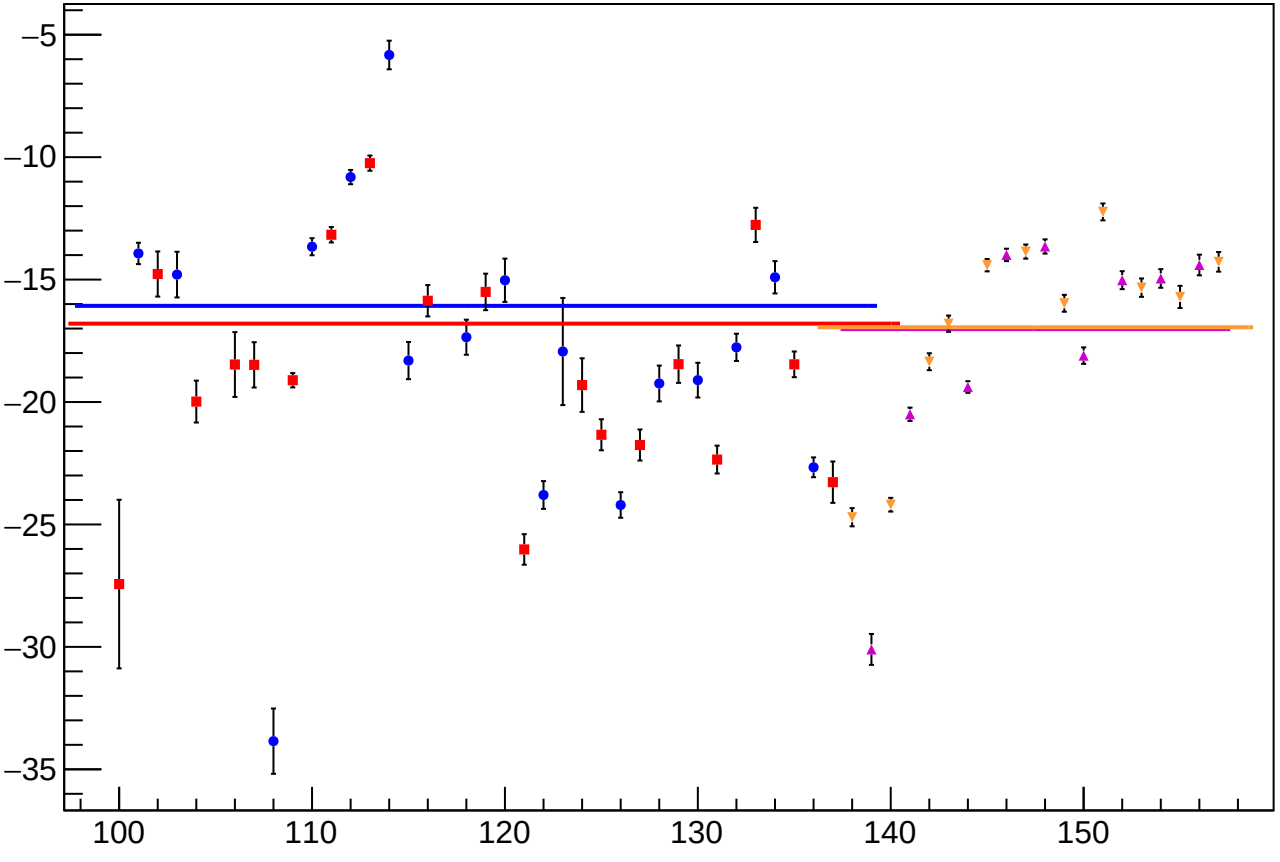
Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -58.266+/-0.106 χ^2/NDF:13699.2/25

Out: -59.526+/-0.100 χ^2/NDF:16479.1/29

All: -58.933+/-0.072 χ^2/NDF: 30253.6/55

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -16.948+/-0.100 χ^2/NDF:1601.2/10

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -17.022+/-0.105 χ^2/NDF:1077.6/8

Left: -16.983+/-0.073 χ^2/NDF: 2679.1/19

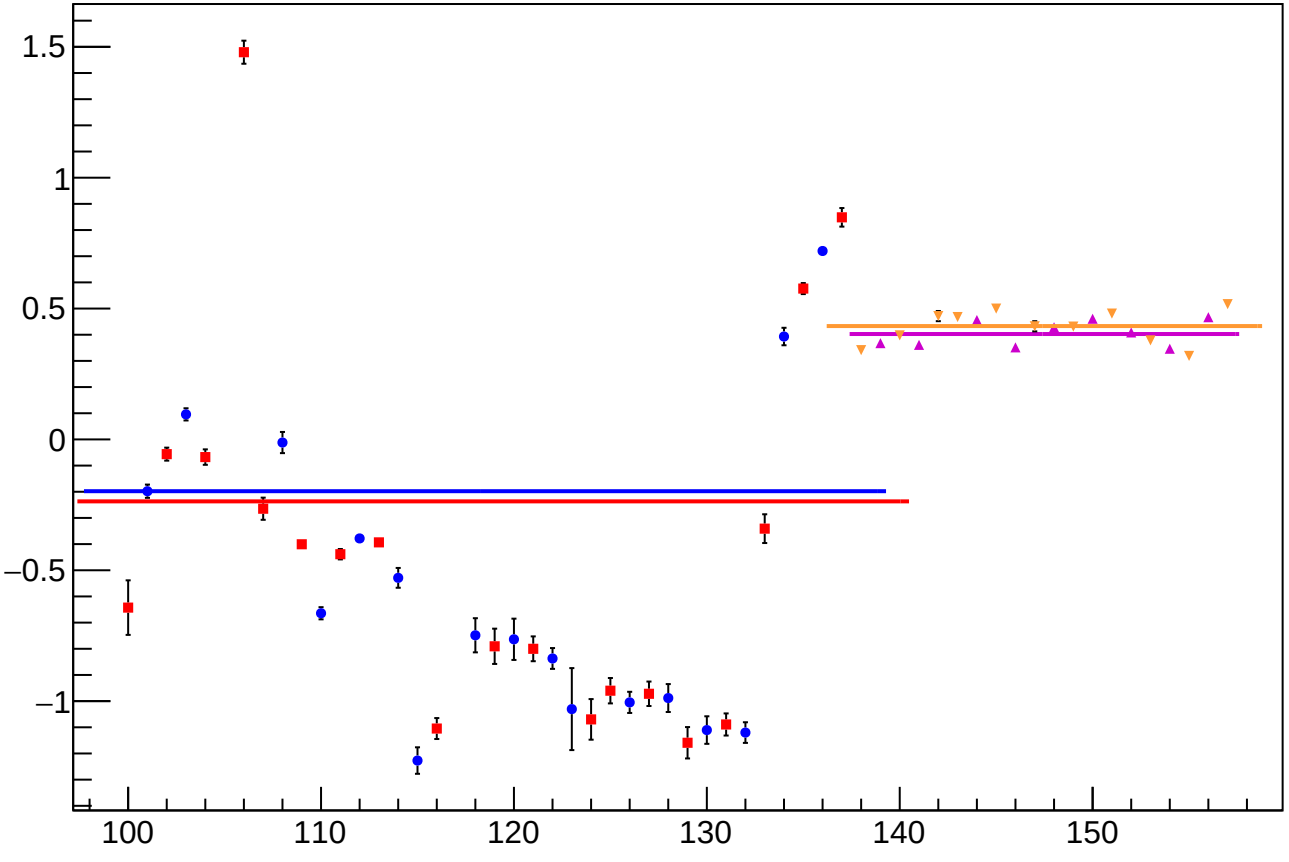
Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -16.652+/-0.082 χ^2/NDF:2750.1/25

Out: -16.892+/-0.079 χ^2/NDF:2817.8/29

All: -16.777+/-0.057 χ^2/NDF: 5572.3/55

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.433+/-0.005 χ^2/NDF:177.8/10

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.403+/-0.005 χ^2/NDF:86.4/8

Left: 0.419+/-0.003 χ^2/NDF: 283.4/19

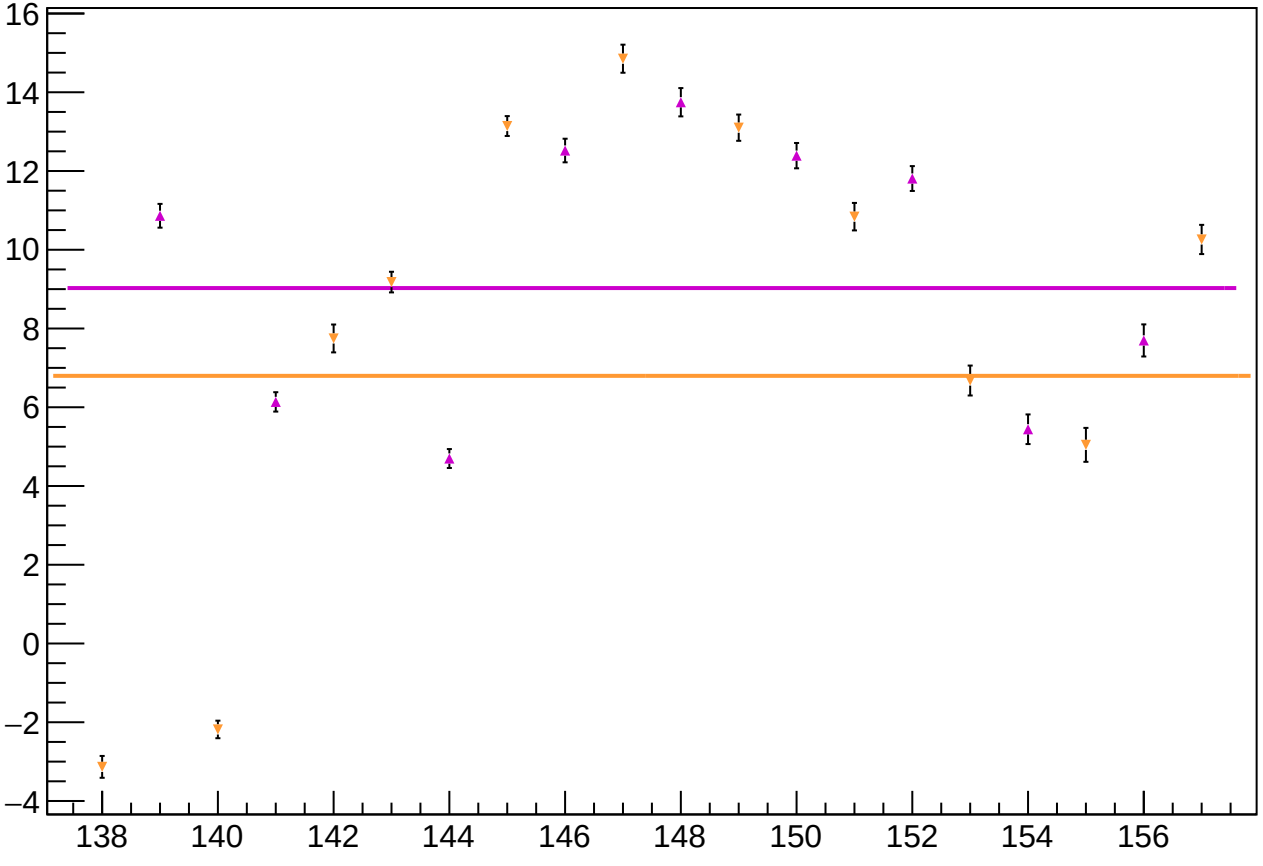
Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.217+/-0.004 χ^2/NDF:10816.9/25

Out: 0.227+/-0.004 χ^2/NDF:12446.2/29

All: 0.223+/-0.003 χ^2/NDF: 23266.0/55

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 6.798+/-0.093 χ^2/NDF:4733.4/10

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

Left In: 9.027+/-0.102 χ^2/NDF:1095.7/8

Left: 7.810+/-0.069 χ^2/NDF: 6090.8/19

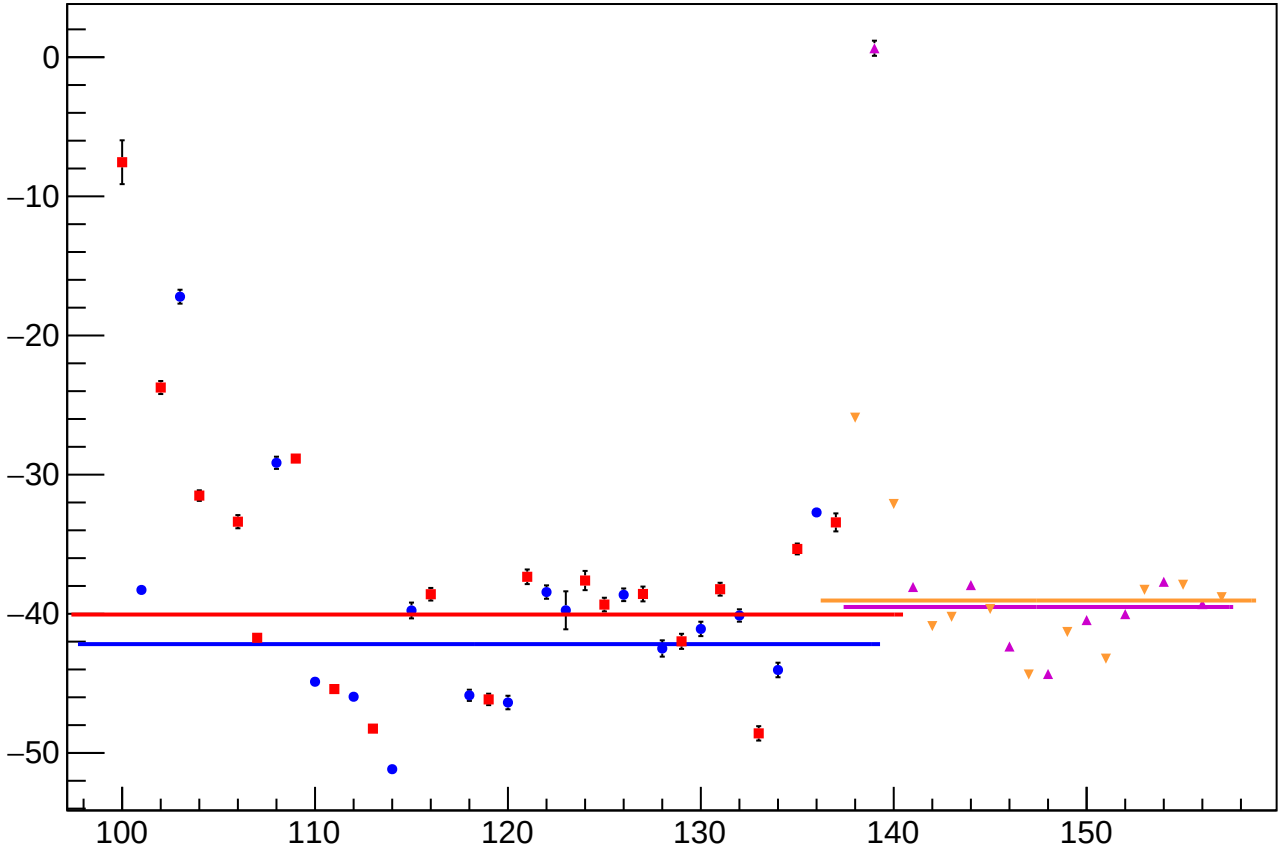
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9.027+/-0.102 χ^2/NDF:1095.7/8

Out: 6.798+/-0.093 χ^2/NDF:4733.4/10

All: 7.810+/-0.069 χ^2/NDF: 6090.8/19

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -39.046+/-0.065 χ^2/NDF:5497.4/10

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -39.510+/-0.071 χ^2/NDF:6643.3/8

Left: -39.256+/-0.048 χ^2/NDF: 12164.1/19

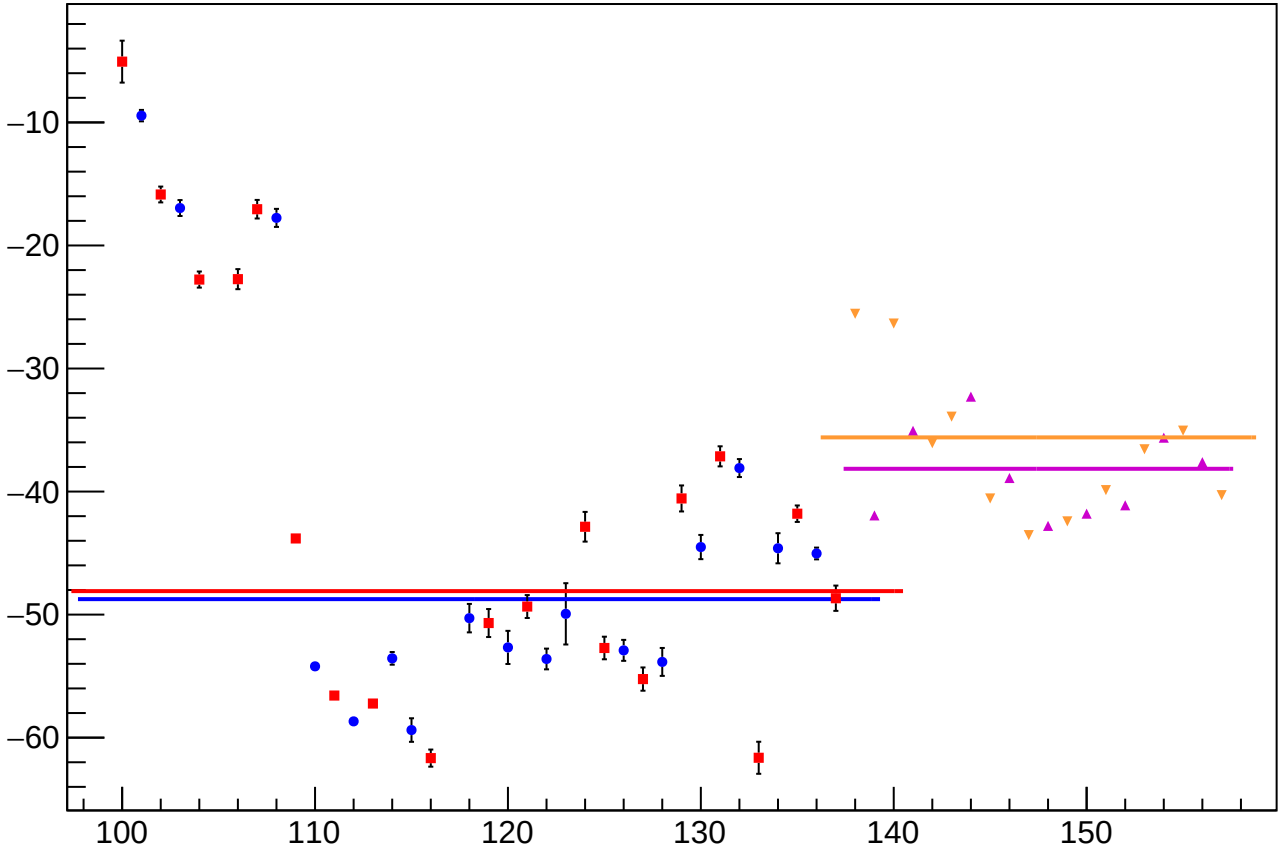
Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -40.724+/-0.052 χ^2/NDF:13859.2/25

Out: -39.490+/-0.048 χ^2/NDF:16917.7/29

All: -40.057+/-0.036 χ^2/NDF: 31076.1/55

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -35.598+/-0.094 χ^2/NDF:4428.6/10

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -38.150+/-0.101 χ^2/NDF:1286.9/8

Left: -36.775+/-0.069 χ^2/NDF: 6056.4/19

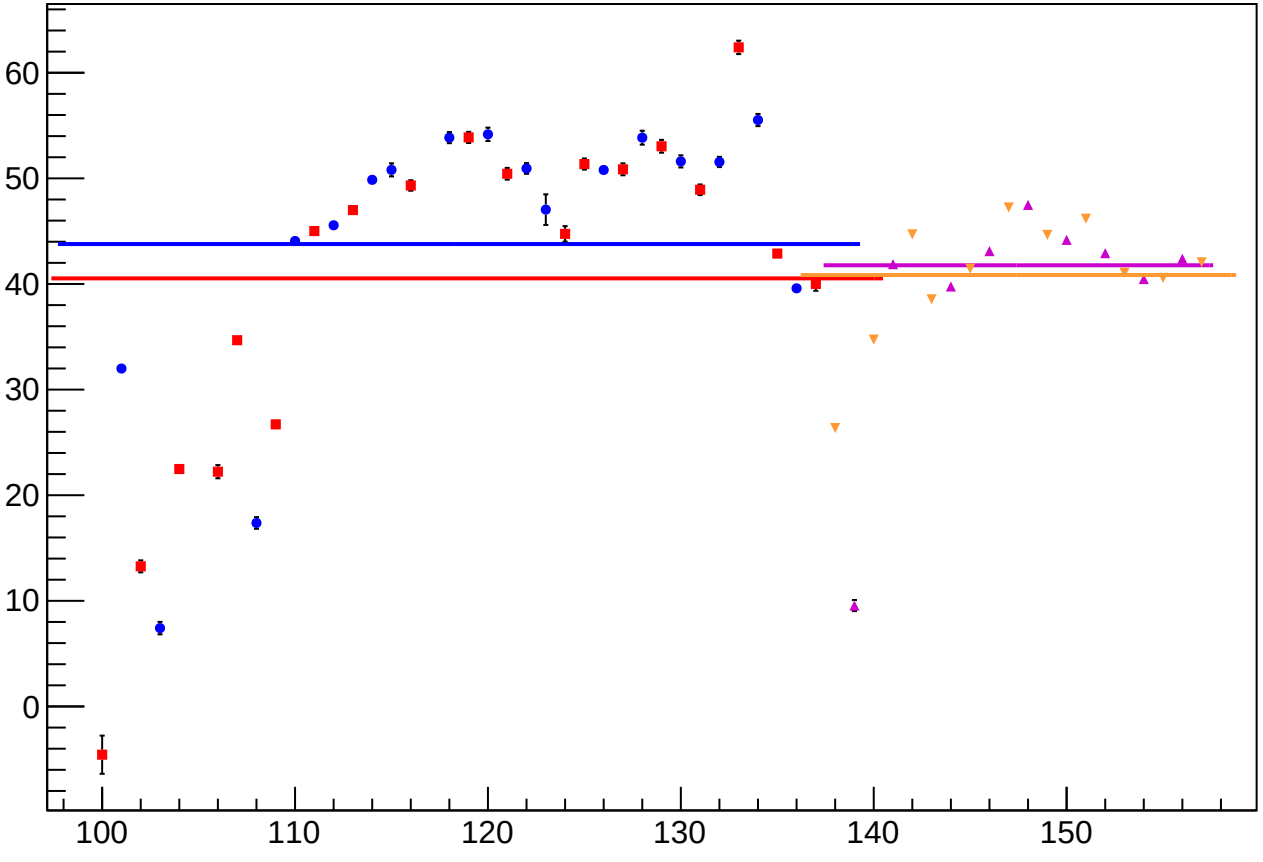
Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -42.380+/-0.079 χ^2/NDF:20299.2/25

Out: -41.018+/-0.071 χ^2/NDF:23846.7/29

All: -41.626+/-0.053 χ^2/NDF: 44312.0/55

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.849+/-0.079 χ^2/NDF:4663.7/10

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 41.772+/-0.086 χ^2/NDF:4582.6/8

Left: 41.268+/-0.058 χ^2/NDF: 9309.2/19

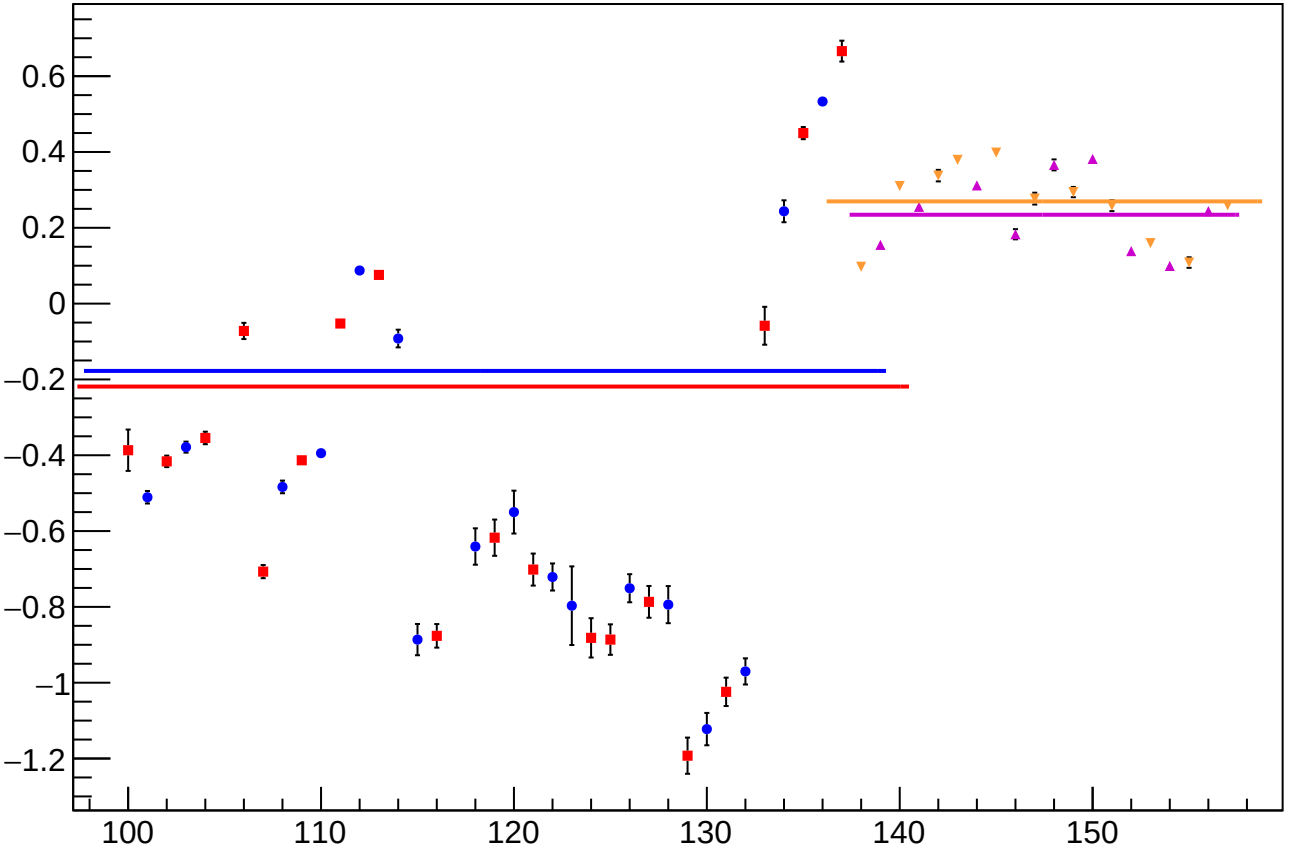
Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 42.770+/-0.061 χ^2/NDF:15492.4/25

Out: 40.693+/-0.056 χ^2/NDF:22252.5/29

All: 41.644+/-0.041 χ^2/NDF: 38372.7/55

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.270+/-0.004 χ^2/NDF:704.1/10

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.234+/-0.004 χ^2/NDF:515.6/8

Left: 0.253+/-0.003 χ^2/NDF: 1260.5/19

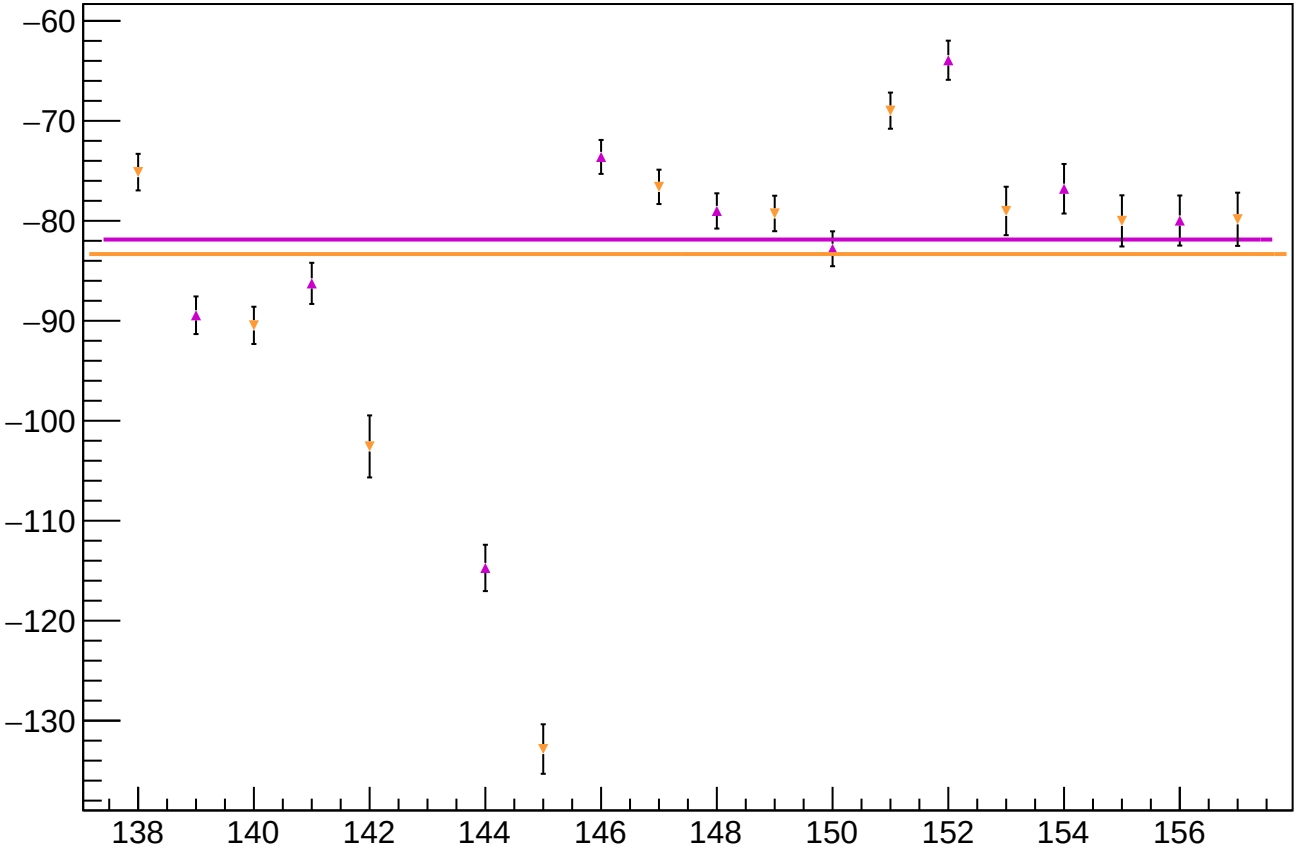
Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: 0.064+/-0.003 χ^2/NDF:12152.7/25

Out: 0.059+/-0.003 χ^2/NDF:15502.8/29

All: 0.061+/-0.002 χ^2/NDF: 27657.3/55

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -83.325+/-0.662 χ^2/NDF:563.2/9

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

Left In: -81.873+/-0.662 χ^2/NDF:336.9/8

Left: -82.598+/-0.468 χ^2/NDF: 902.6/18

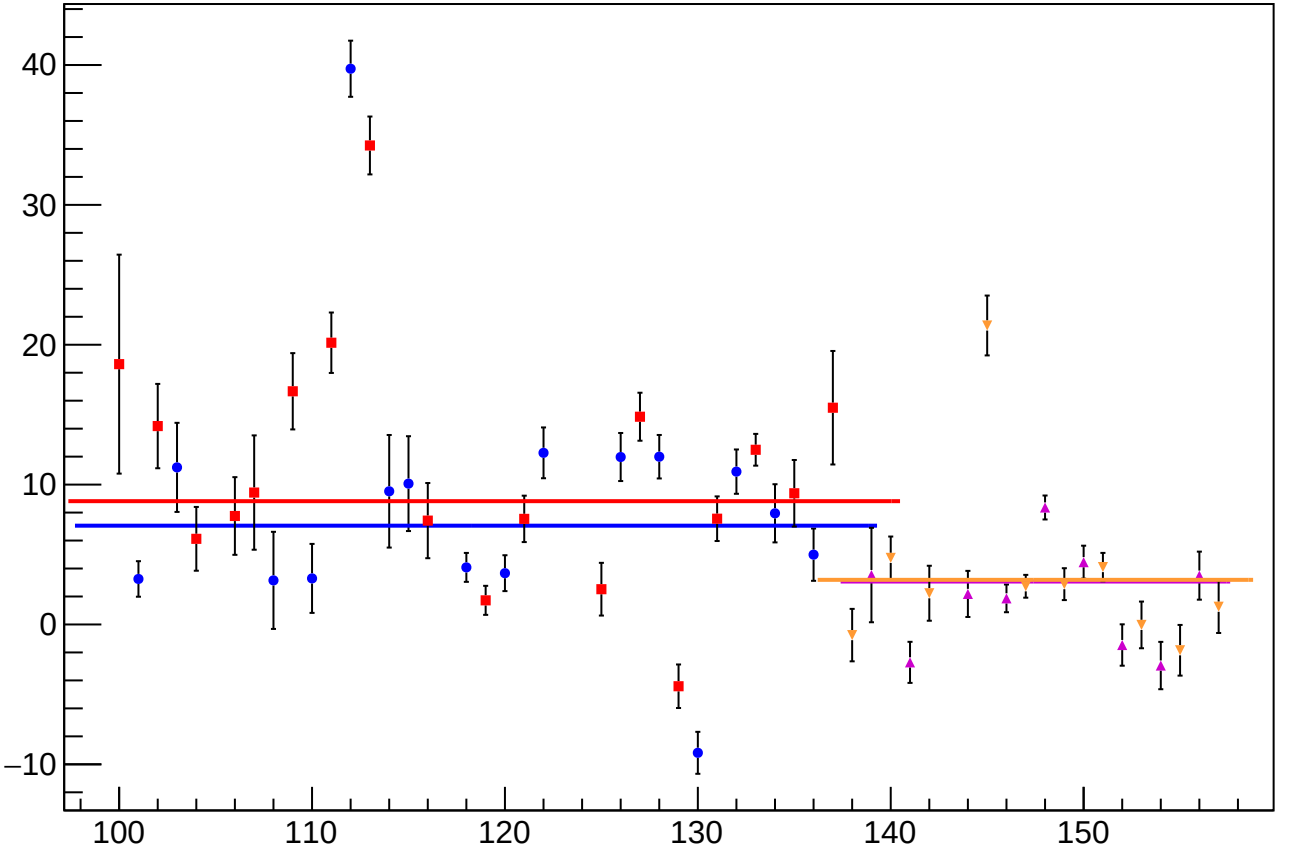
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -81.873+/-0.662 χ^2/NDF:336.9/8

Out: -83.325+/-0.662 χ^2/NDF:563.2/9

All: -82.598+/-0.468 χ^2/NDF: 902.6/18

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 3.191+/-0.431 χ^2/NDF:91.7/9

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 3.070+/-0.440 χ^2/NDF:79.0/8

Left: 3.131+/-0.308 χ^2/NDF: 170.7/18

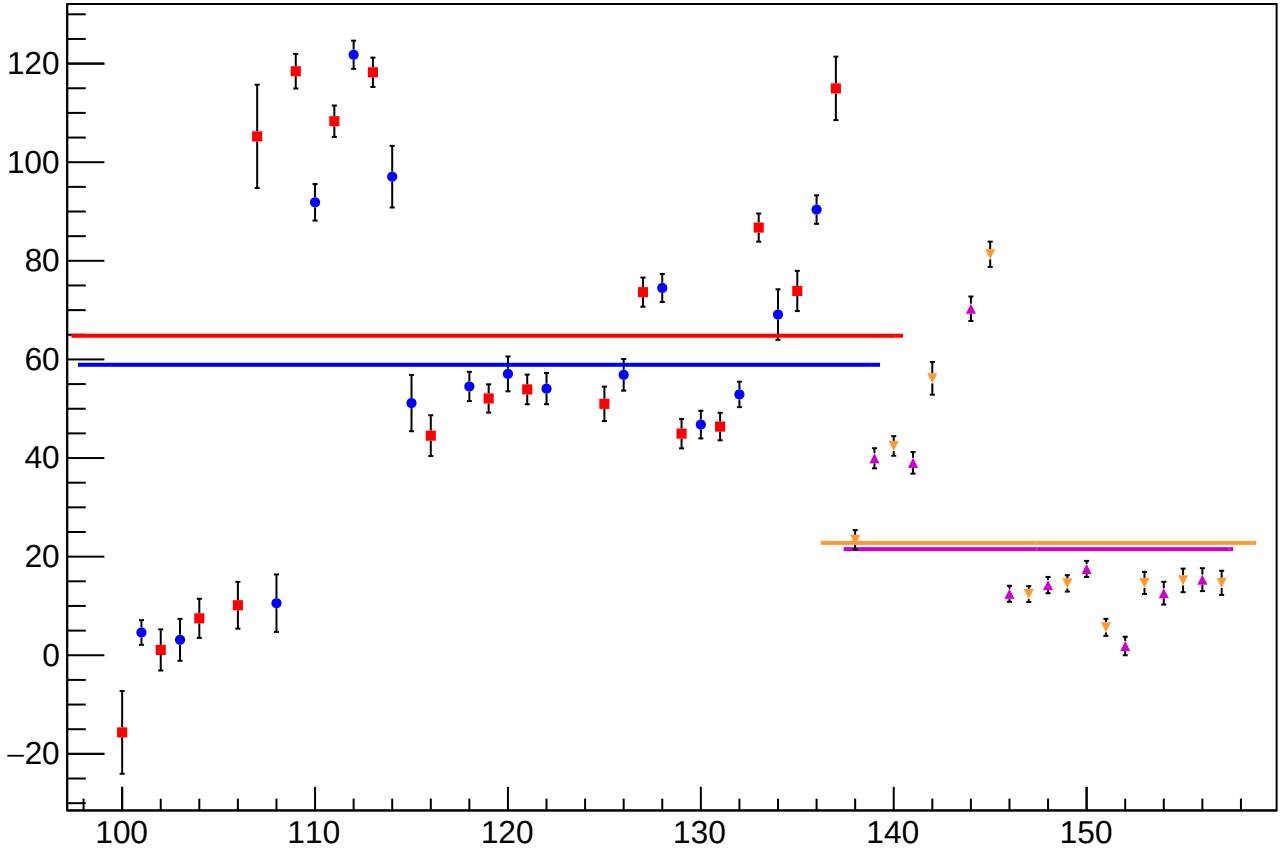
Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 5.096+/-0.309 χ^2/NDF:567.6/24

Out: 5.887+/-0.311 χ^2/NDF:523.8/27

All: 5.489+/-0.219 χ^2/NDF: 1094.6/52

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 22.792+/-0.649 χ^2/NDF:917.2/9

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 21.524+/-0.647 χ^2/NDF:721.3/8

Left: 22.156+/-0.458 χ^2/NDF: 1640.4/18

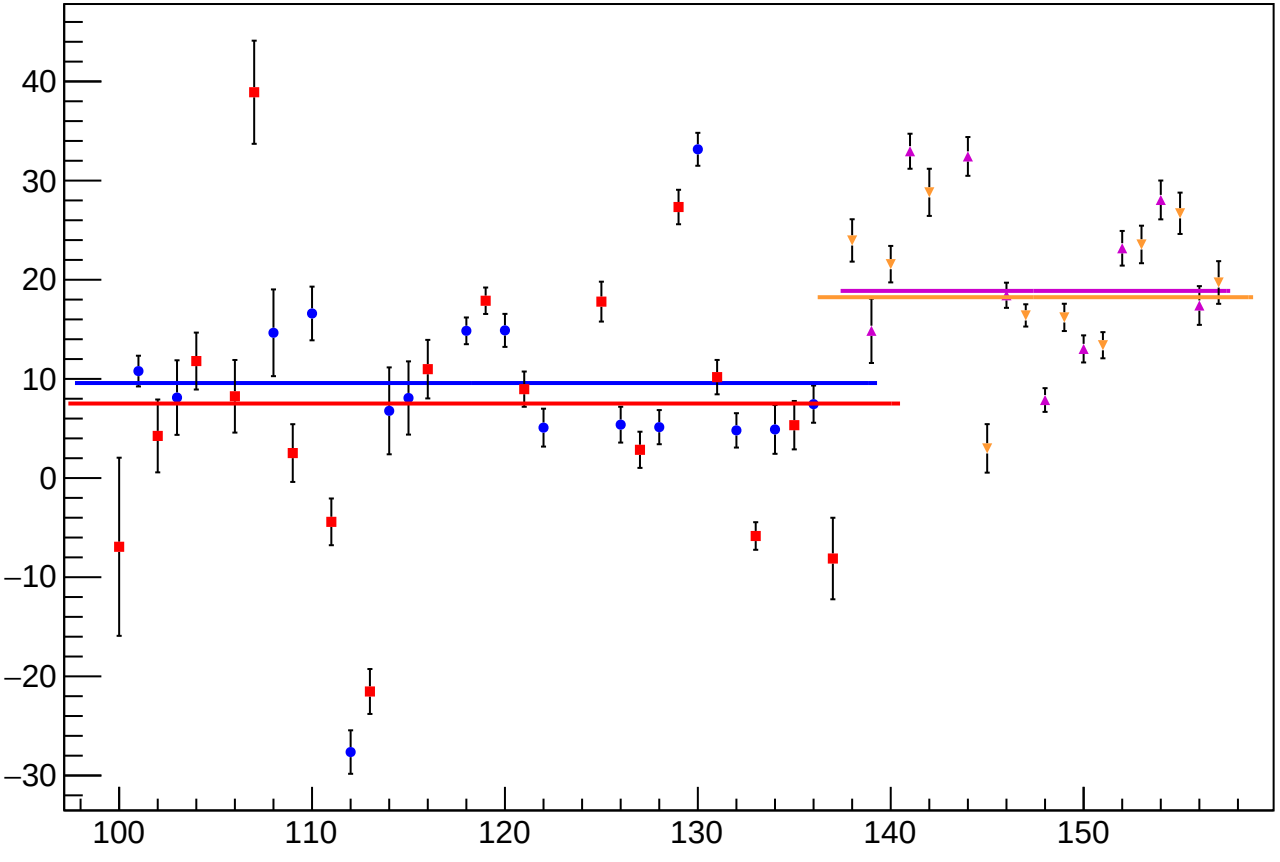
Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 35.618+/-0.510 χ^2/NDF:3478.0/24

Out: 38.480+/-0.513 χ^2/NDF:4201.6/27

All: 37.041+/-0.362 χ^2/NDF: 7695.3/52

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 18.239+/-0.536 χ^2/NDF:112.3/9

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 18.876+/-0.544 χ^2/NDF:244.8/8

Left: 18.553+/-0.382 χ^2/NDF: 357.8/18

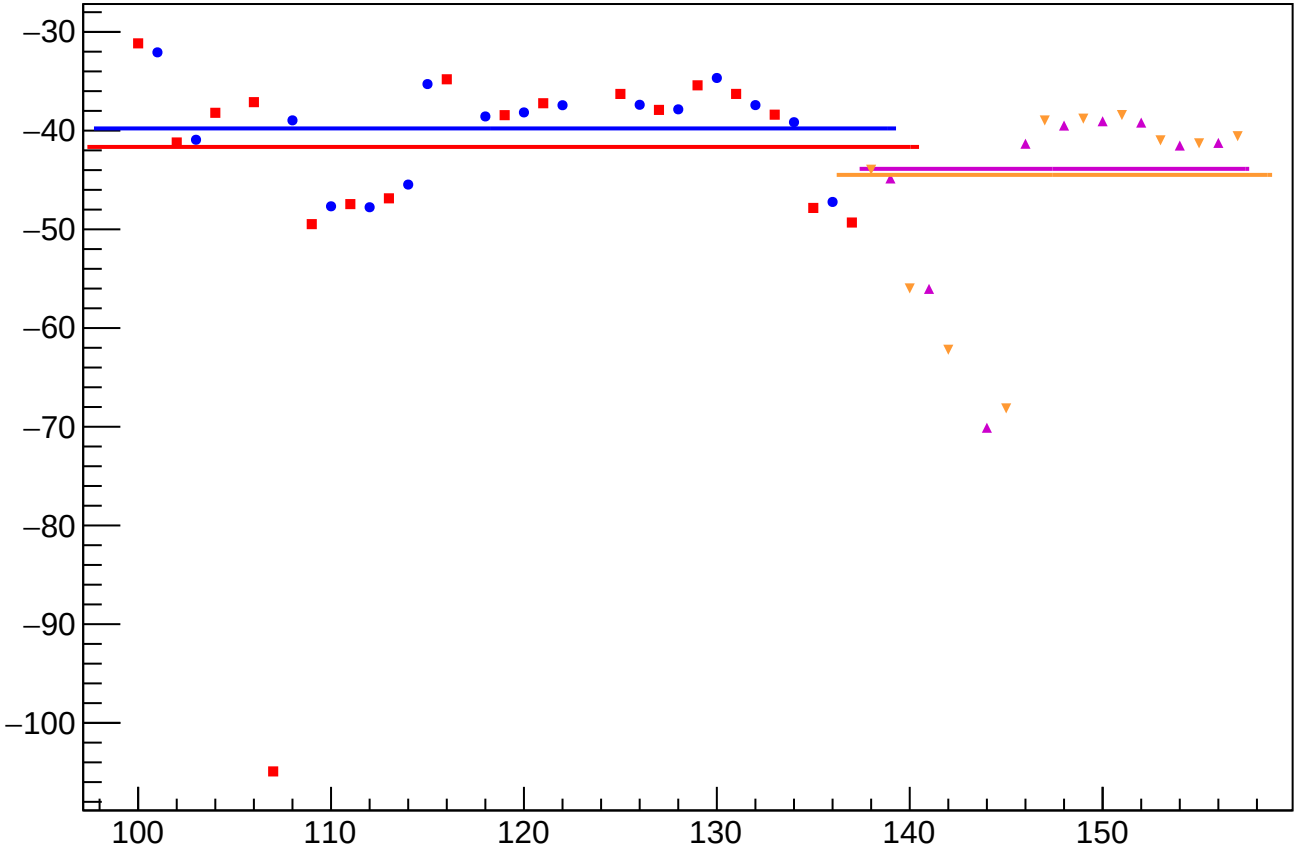
Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 13.850+/-0.369 χ^2/NDF:957.2/24

Out: 12.669+/-0.372 χ^2/NDF:889.9/27

All: 13.264+/-0.262 χ^2/NDF: 1852.2/52

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -44.483+/-0.026 χ^2/NDF:113189.8/9

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -43.872+/-0.026 χ^2/NDF:92960.2/8

Left: -44.172+/-0.018 χ^2/NDF: 206424.2/18

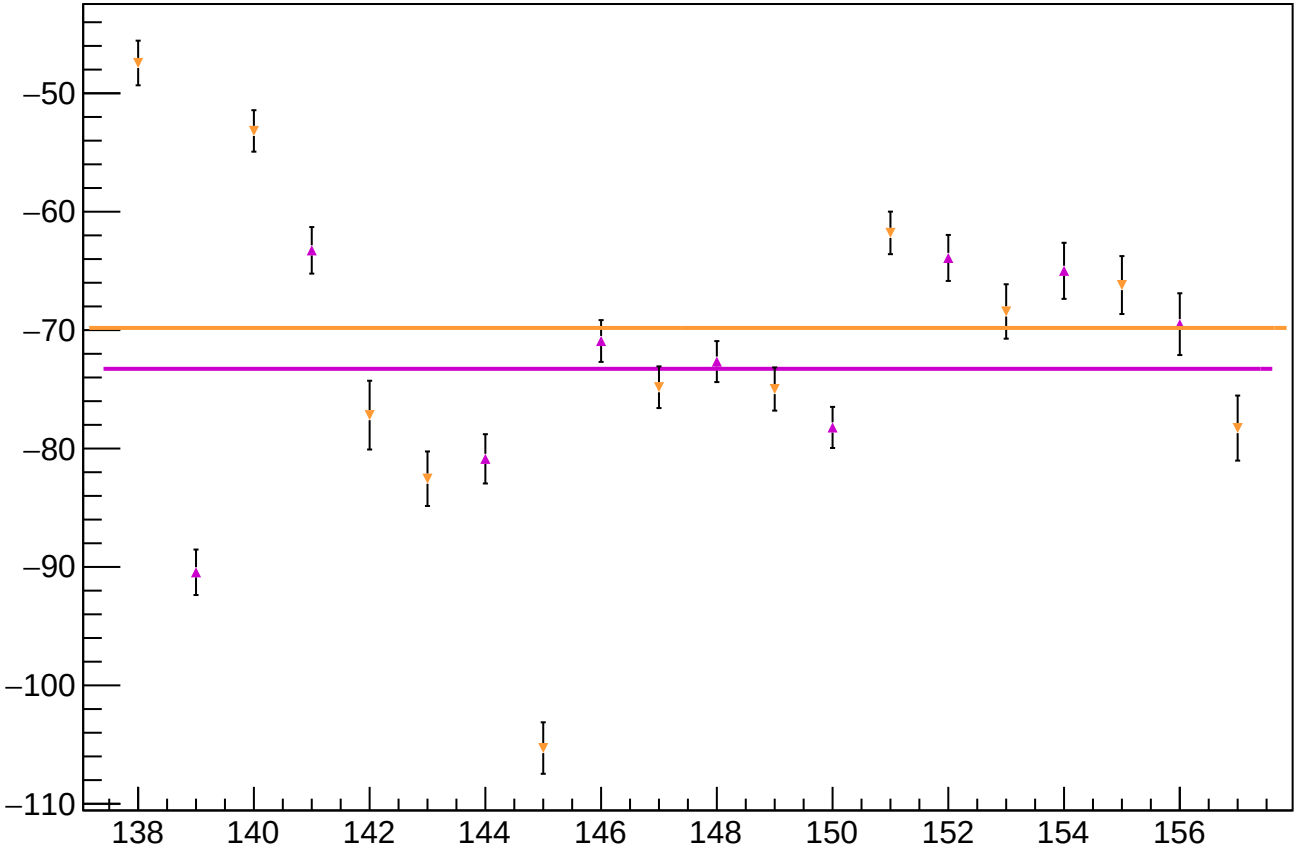
Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -42.194+/-0.020 χ^2/NDF:129374.2/24

Out: -43.305+/-0.020 χ^2/NDF:212463.5/27

All: -42.743+/-0.014 χ^2/NDF: 343381.0/52

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -69.815+/-0.626 χ^2/NDF:582.5/10

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

Left In: -73.267+/-0.654 χ^2/NDF:166.9/8

Left: -71.467+/-0.452 χ^2/NDF: 764.0/19

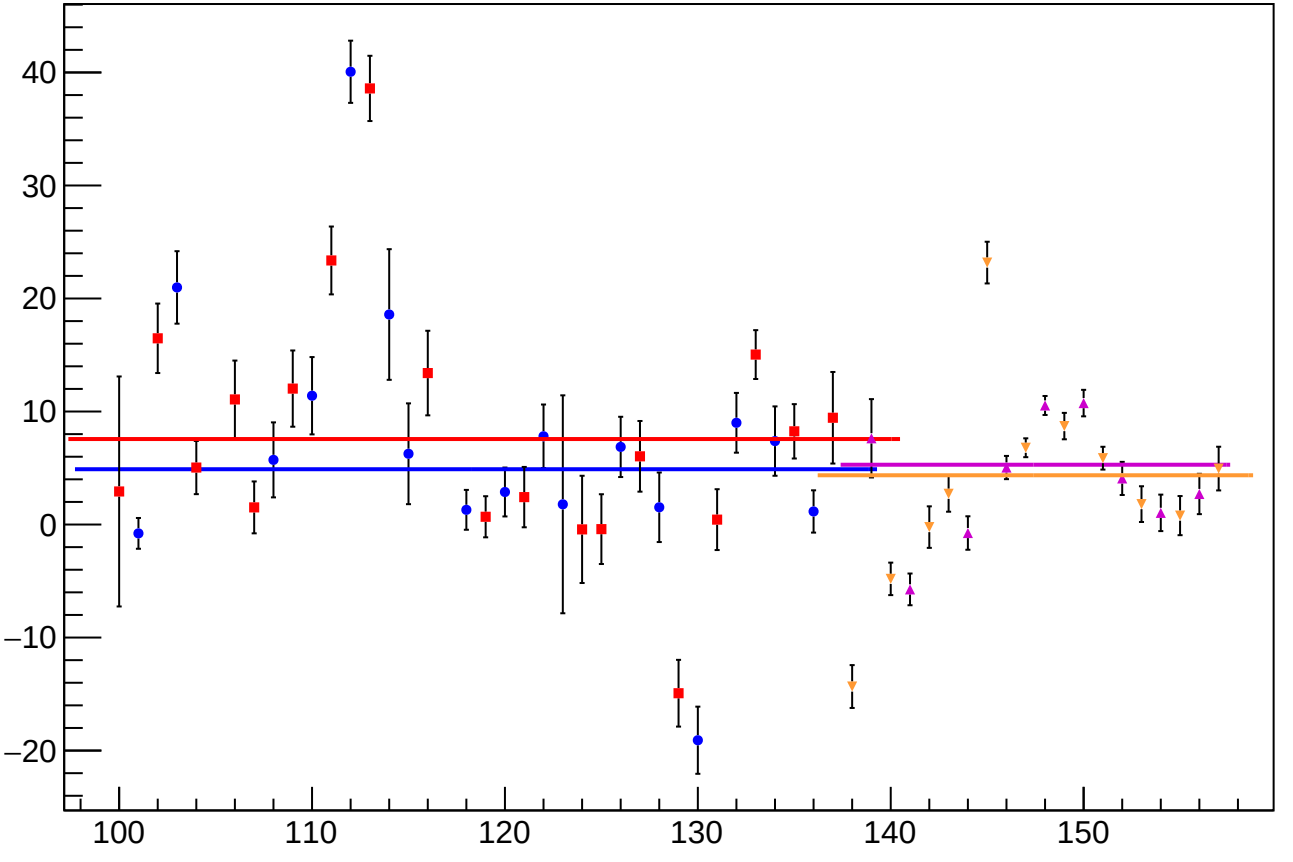
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -73.267+/-0.654 χ^2/NDF:166.9/8

Out: -69.815+/-0.626 χ^2/NDF:582.5/10

All: -71.467+/-0.452 χ^2/NDF: 764.0/19

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 4.359+/-0.412 χ^2/NDF:280.8/10

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: 5.292+/-0.434 χ^2/NDF:149.3/8

Left: 4.801+/-0.299 χ^2/NDF: 432.6/19

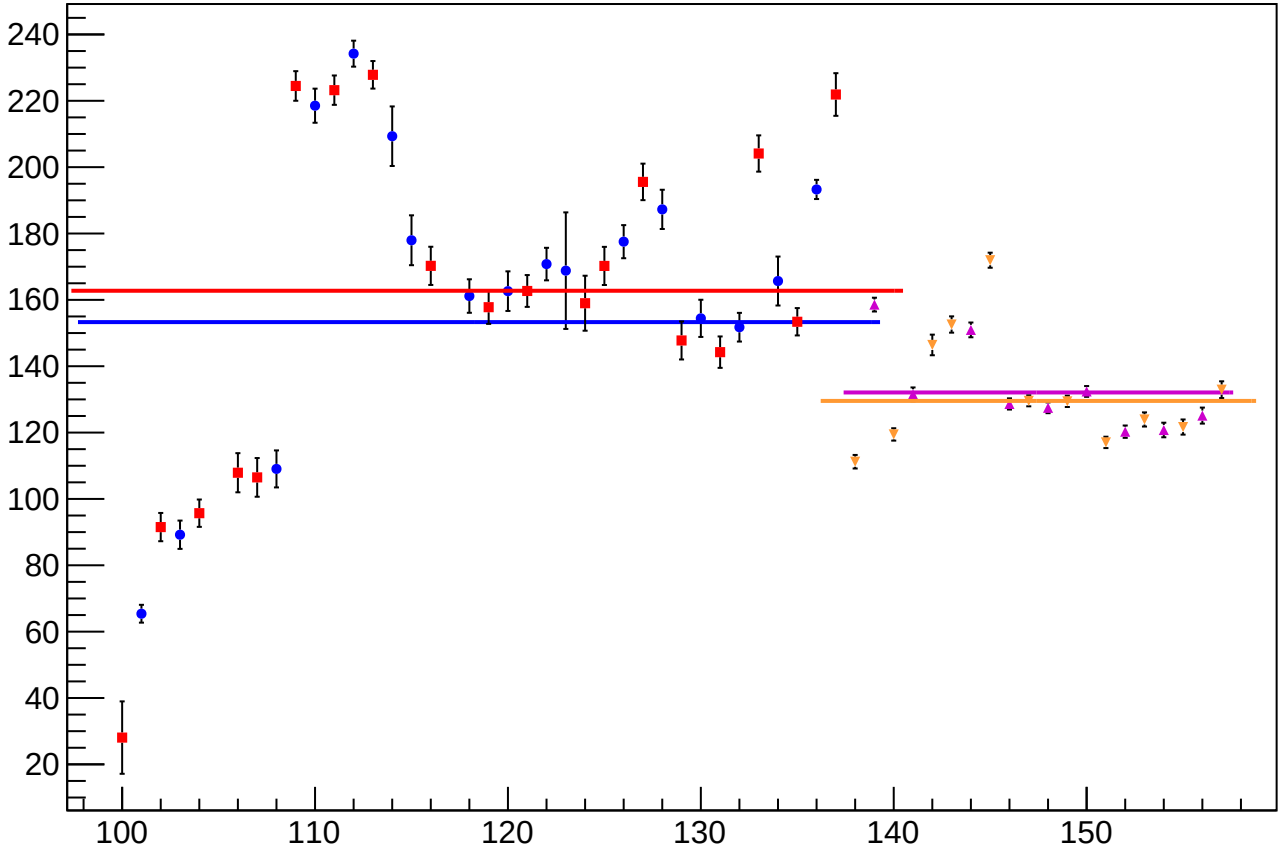
Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: 5.161+/-0.356 χ^2/NDF:445.0/25

Out: 5.274+/-0.348 χ^2/NDF:568.3/29

All: 5.219+/-0.249 χ^2/NDF: 1013.3/55

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 129.542+/-0.619 χ^2/NDF:649.8/10

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 132.091+/-0.640 χ^2/NDF:321.7/8

Left: 130.773+/-0.445 χ^2/NDF: 979.7/19

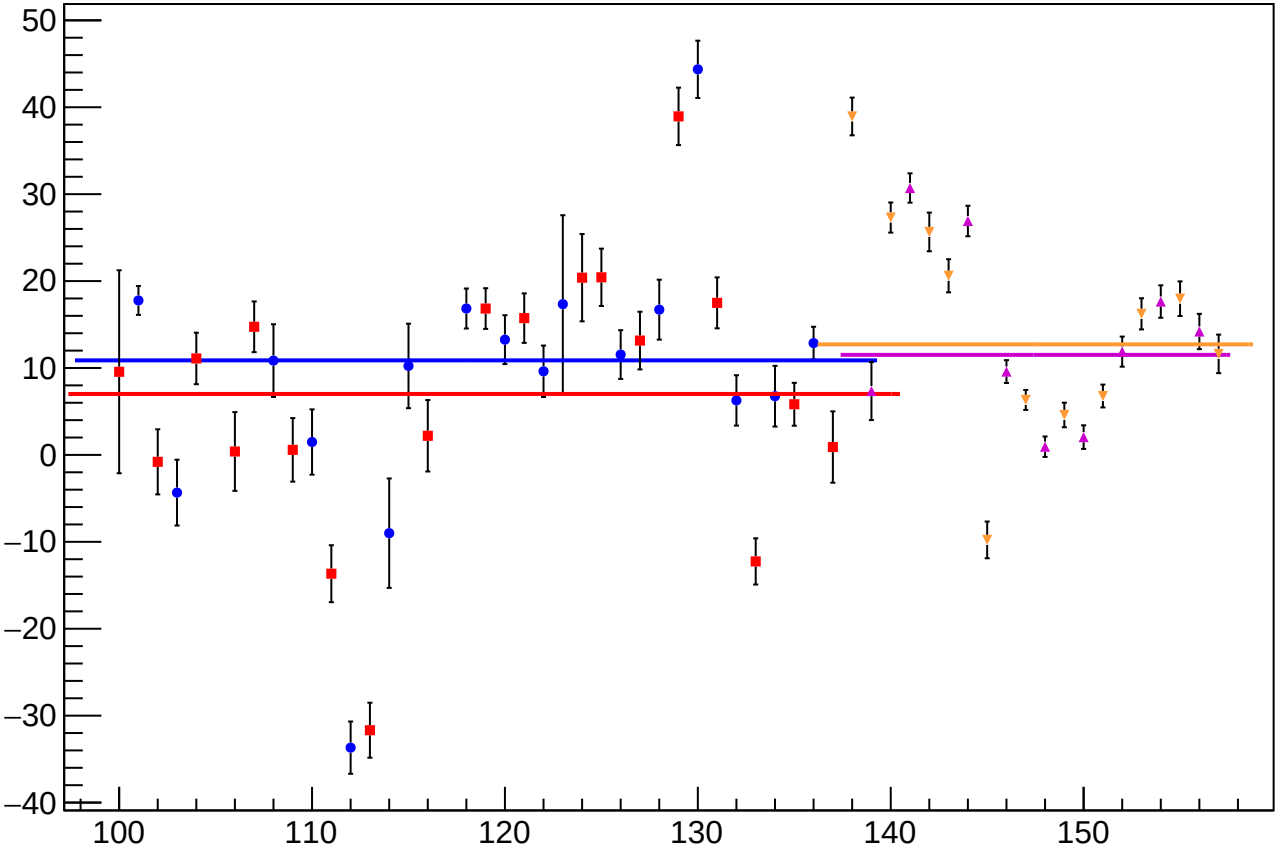
Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 137.143+/-0.559 χ^2/NDF:2849.9/25

Out: 136.732+/-0.548 χ^2/NDF:2982.4/29

All: 136.934+/-0.391 χ^2/NDF: 5832.6/55

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 12.720+/-0.510 χ^2/NDF:476.7/10

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 11.512+/-0.537 χ^2/NDF:351.9/8

Left: 12.148+/-0.370 χ^2/NDF: 831.3/19

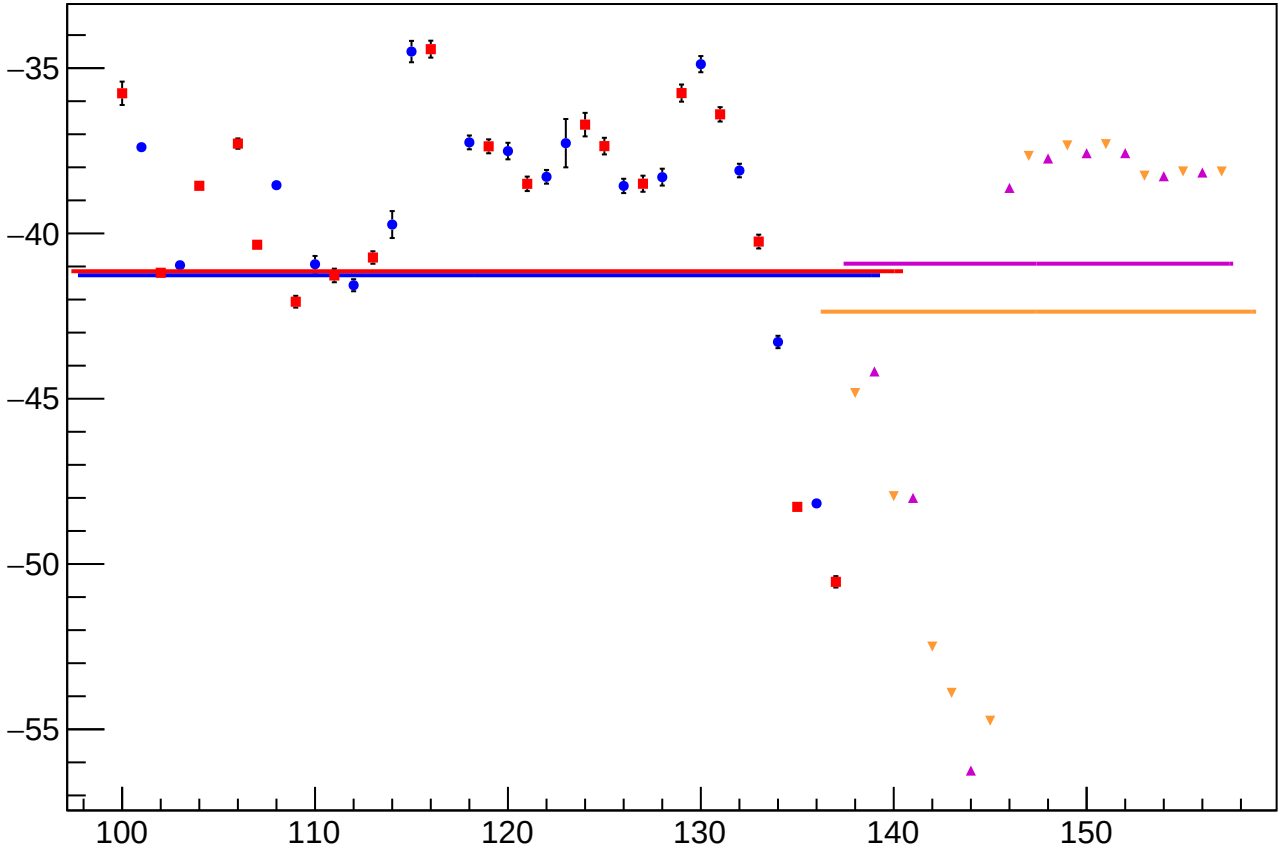
Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 11.283+/-0.429 χ^2/NDF:740.5/25

Out: 10.912+/-0.421 χ^2/NDF:940.9/29

All: 11.094+/-0.300 χ^2/NDF: 1681.8/55

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -42.366+/-0.025 χ^2/NDF:66123.9/10

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -40.915+/-0.026 χ^2/NDF:43497.4/8

Left: -41.658+/-0.018 χ^2/NDF: 111259.4/19

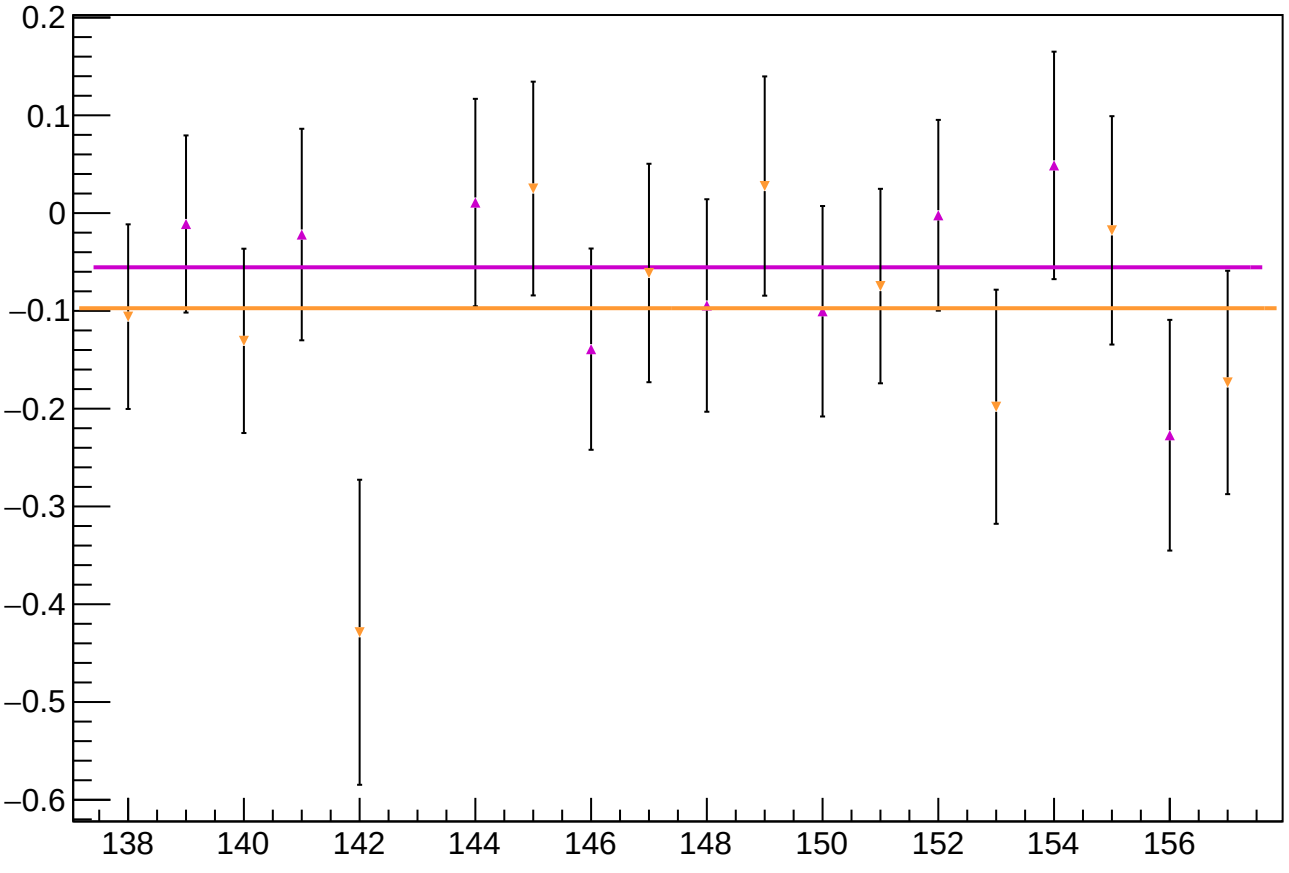
Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -41.023+/-0.021 χ^2/NDF:56124.8/25

Out: -42.004+/-0.021 χ^2/NDF:79048.1/29

All: -41.522+/-0.015 χ^2/NDF: 136246.5/55

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.097+/-0.035 χ^2/NDF:8.9/9

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

Left In: -0.055+/-0.035 χ^2/NDF:4.9/8

Left: -0.077+/-0.025 χ^2/NDF: 14.5/18

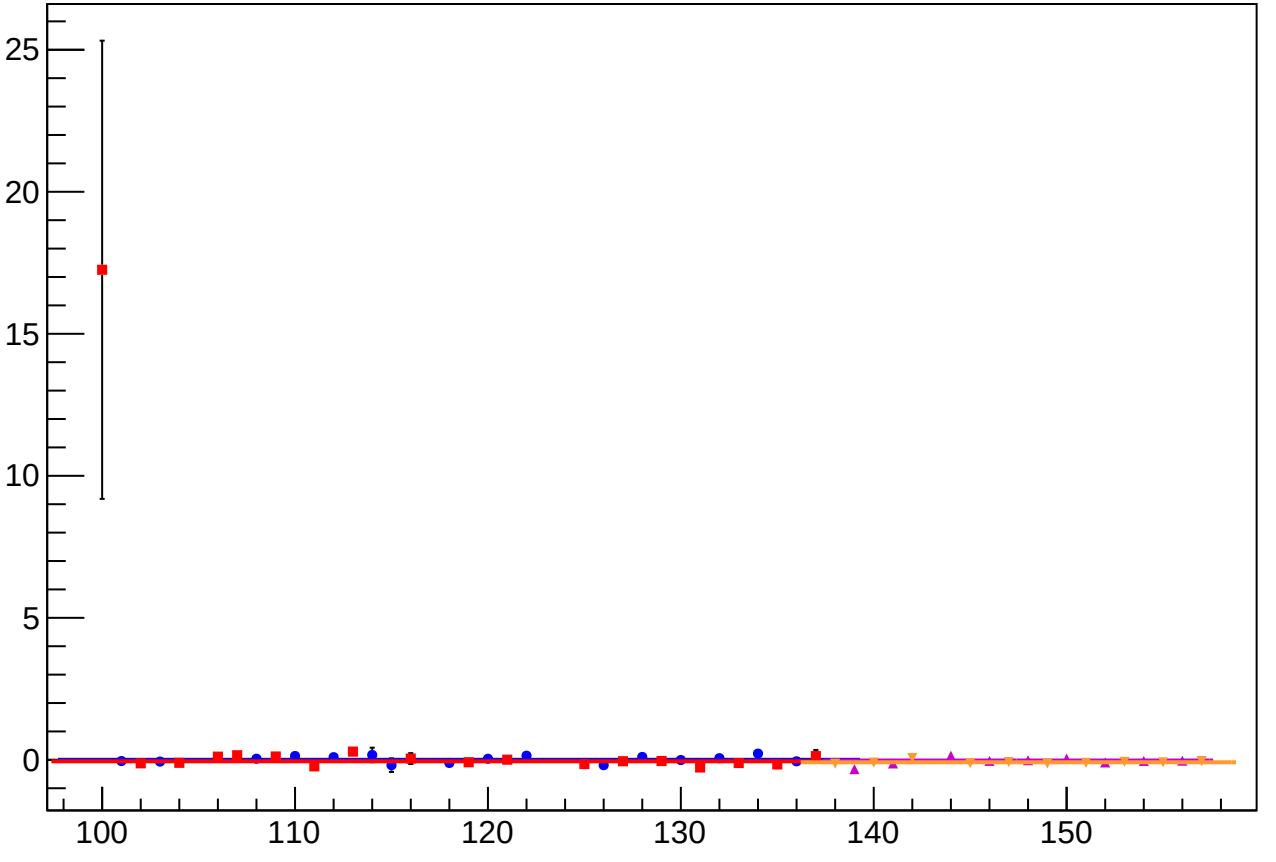
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.055+/-0.035 χ^2/NDF:4.9/8

Out: -0.097+/-0.035 χ^2/NDF:8.9/9

All: -0.077+/-0.025 χ^2/NDF: 14.5/18

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.086+/-0.024 χ^2/NDF:3.5/9

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.024+/-0.024 χ^2/NDF:11.9/8

Left: -0.056+/-0.017 χ^2/NDF: 18.8/18

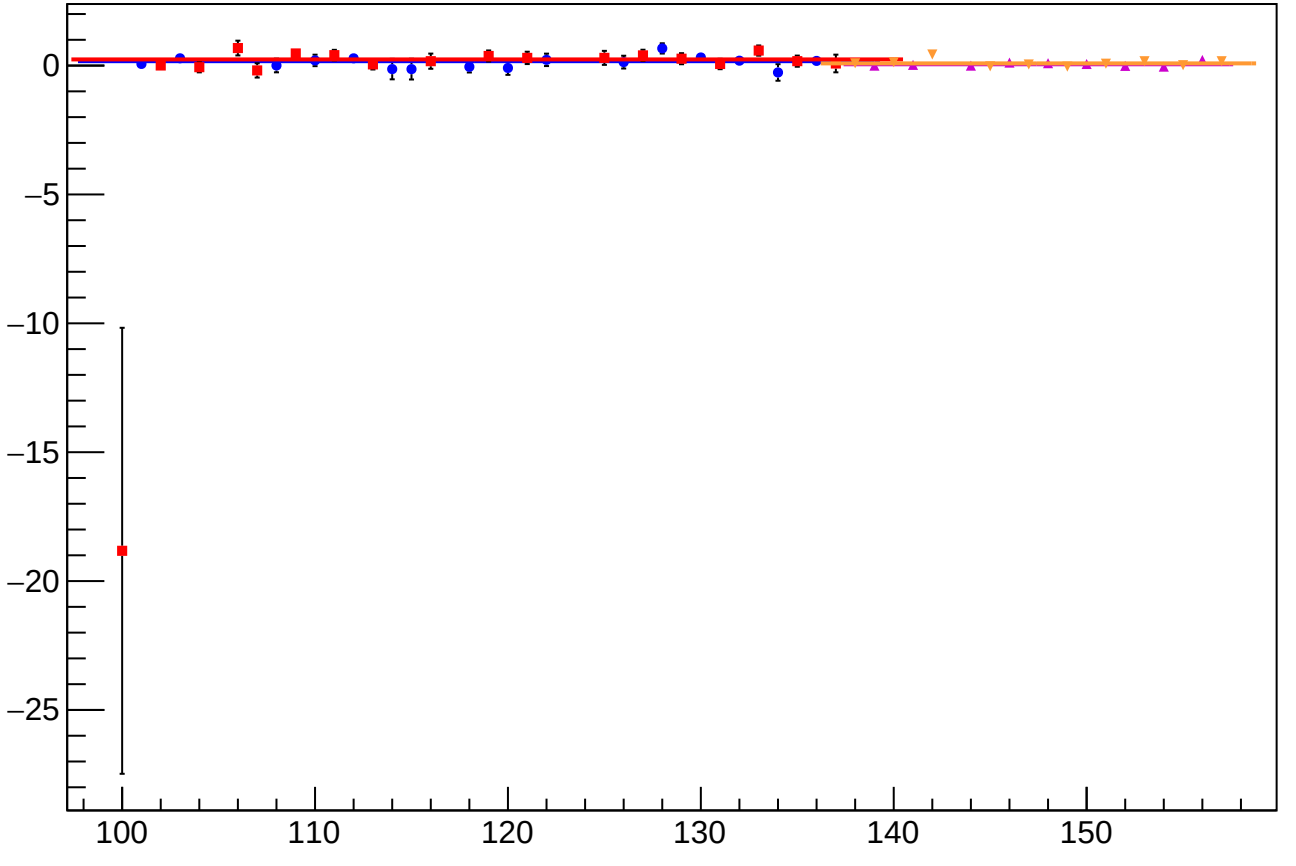
Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.013+/-0.018 χ^2/NDF:24.9/24

Out: -0.072+/-0.018 χ^2/NDF:30.2/27

All: -0.043+/-0.013 χ^2/NDF: 60.2/52

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.085+/-0.034 χ^2/NDF:8.7/9

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.050+/-0.035 χ^2/NDF:4.7/8

Left: 0.068+/-0.024 χ^2/NDF: 13.9/18

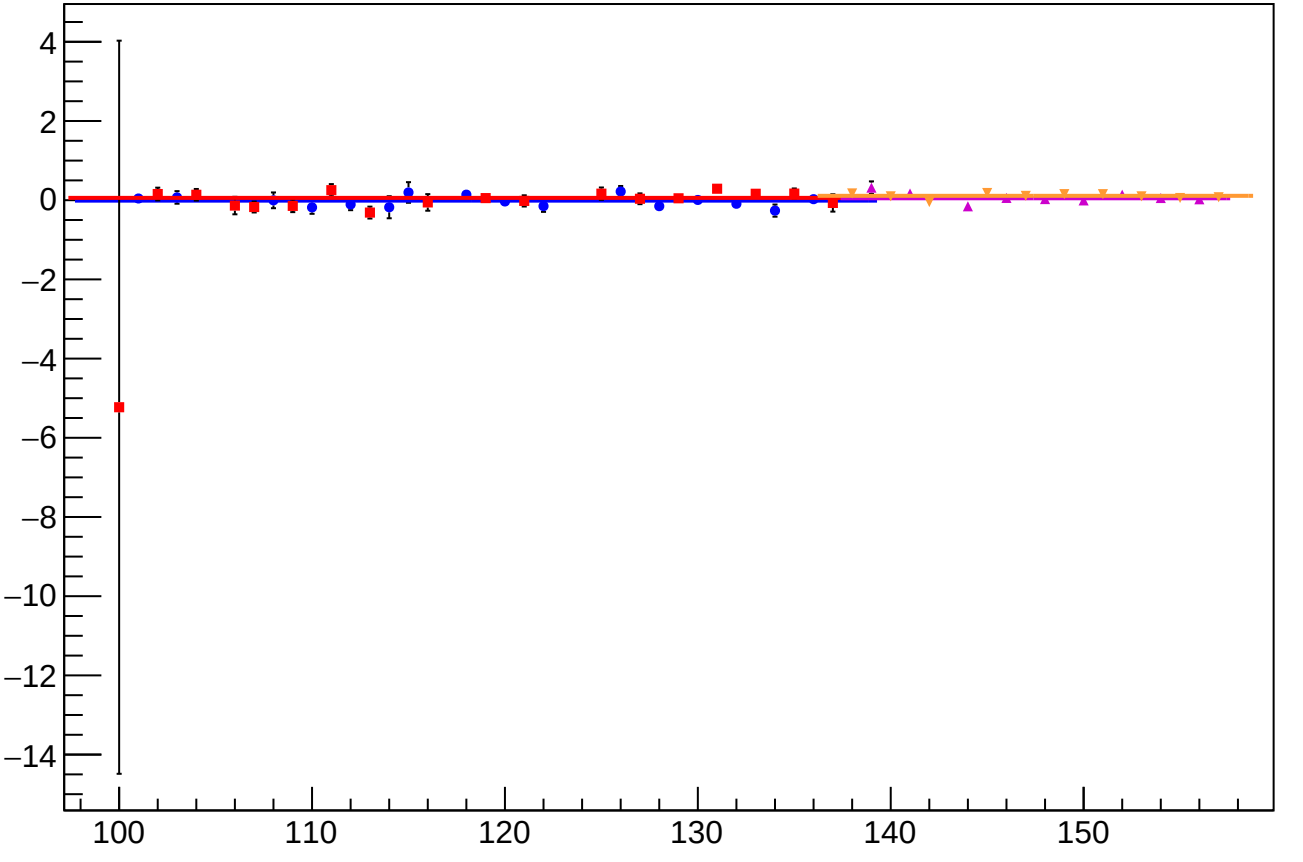
Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.087+/-0.029 χ^2/NDF:22.0/24

Out: 0.129+/-0.029 χ^2/NDF:36.4/27

All: 0.108+/-0.020 χ^2/NDF: 59.5/52

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.110+/-0.029 χ^2/NDF:3.6/9

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.048+/-0.030 χ^2/NDF:11.3/8

Left: 0.080+/-0.021 χ^2/NDF: 17.2/18

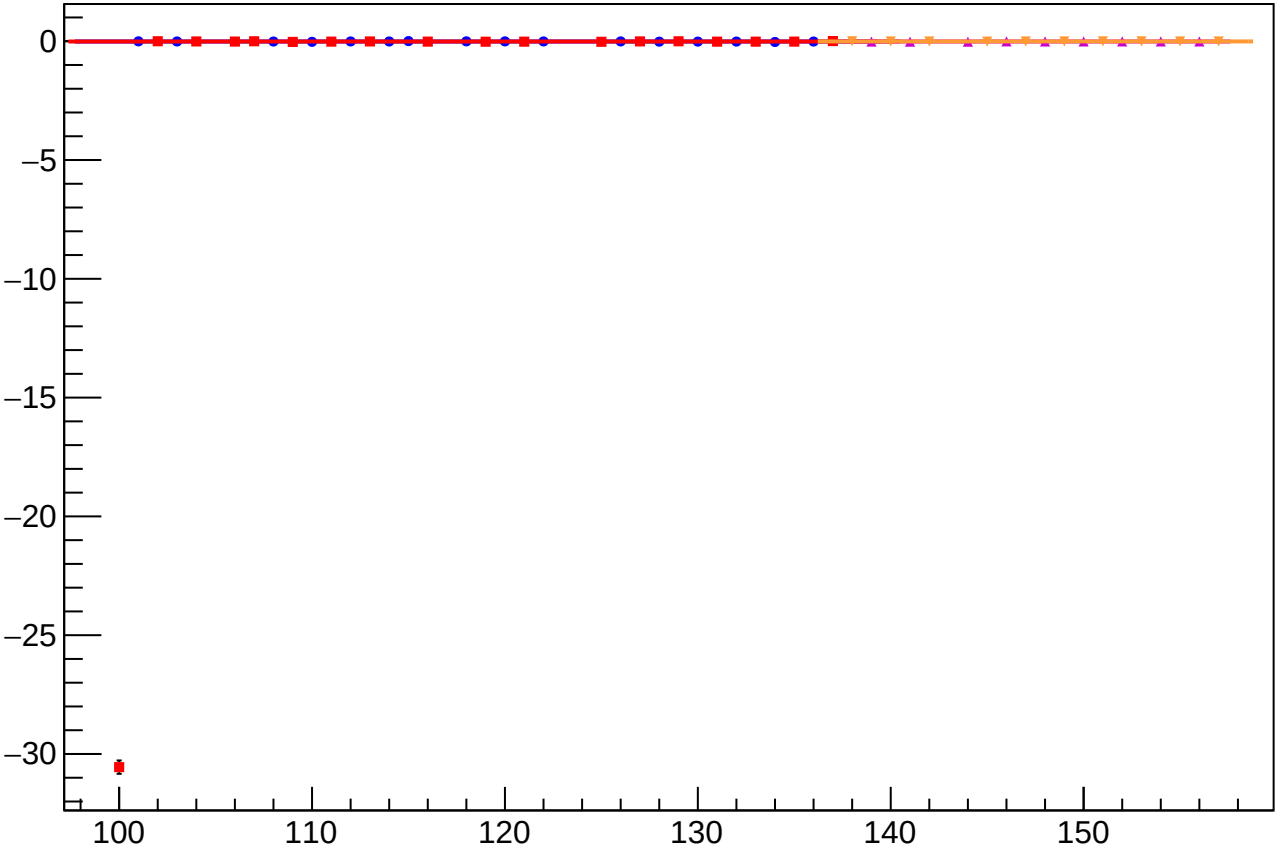
Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.021+/-0.022 χ^2/NDF:26.9/24

Out: 0.089+/-0.022 χ^2/NDF:25.5/27

All: 0.055+/-0.016 χ^2/NDF: 57.1/52

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.009+/-0.001 χ^2/NDF:8.2/9

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.012+/-0.001 χ^2/NDF:8.9/8

Left: -0.010+/-0.001 χ^2/NDF: 19.3/18

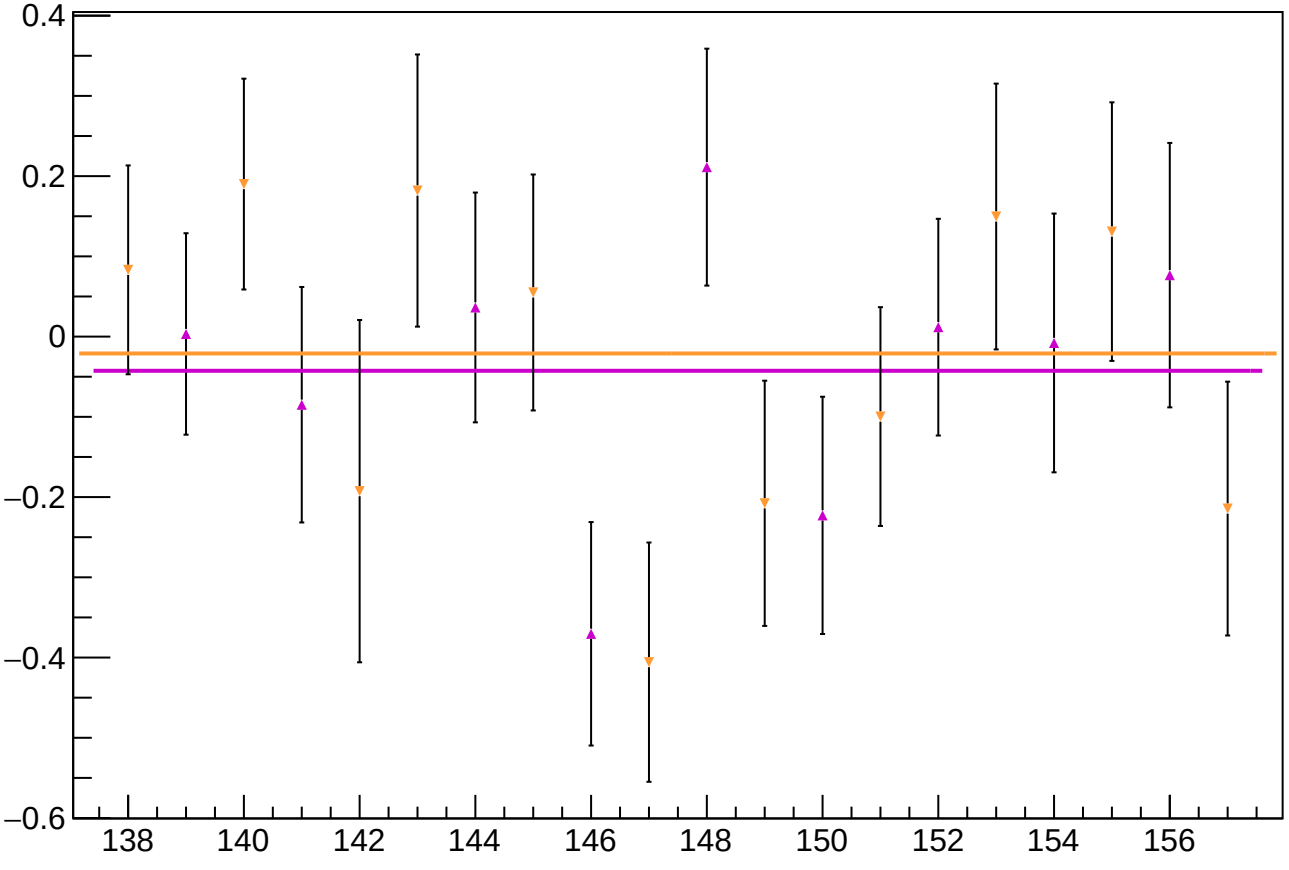
Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.012+/-0.001 χ^2/NDF:21.8/24

Out: -0.010+/-0.001 χ^2/NDF:11901.9/27

All: -0.011+/-0.001 χ^2/NDF: 11925.0/52

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.021+/-0.046 χ^2/NDF:17.5/10

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

Left In: -0.043+/-0.048 χ^2/NDF:11.2/8

Left: -0.031+/-0.033 χ^2/NDF: 28.8/19

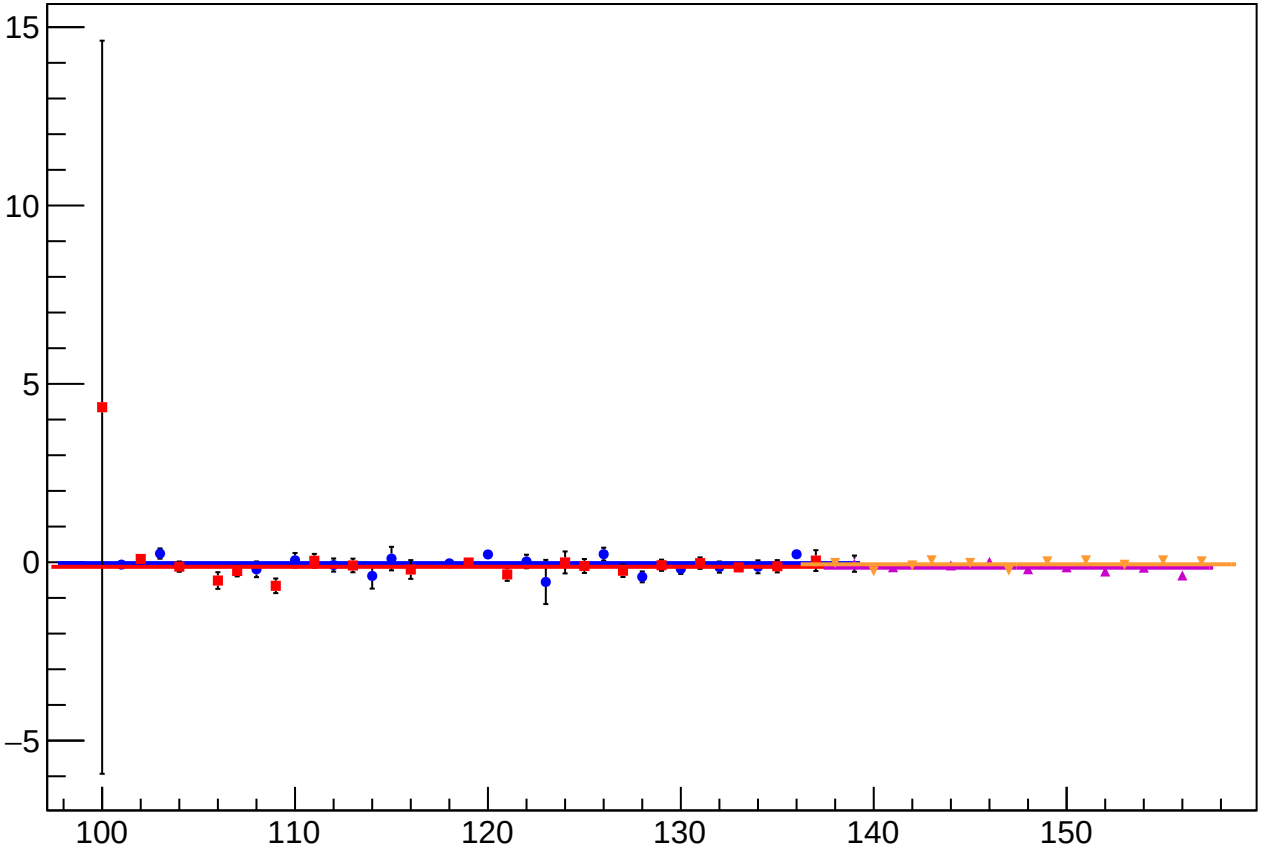
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.043+/-0.048 χ^2/NDF:11.2/8

Out: -0.021+/-0.046 χ^2/NDF:17.5/10

All: -0.031+/-0.033 χ^2/NDF: 28.8/19

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.058+/-0.031 χ^2/NDF:14.7/10

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.153+/-0.033 χ^2/NDF:9.7/8

Left: -0.102+/-0.023 χ^2/NDF: 28.8/19

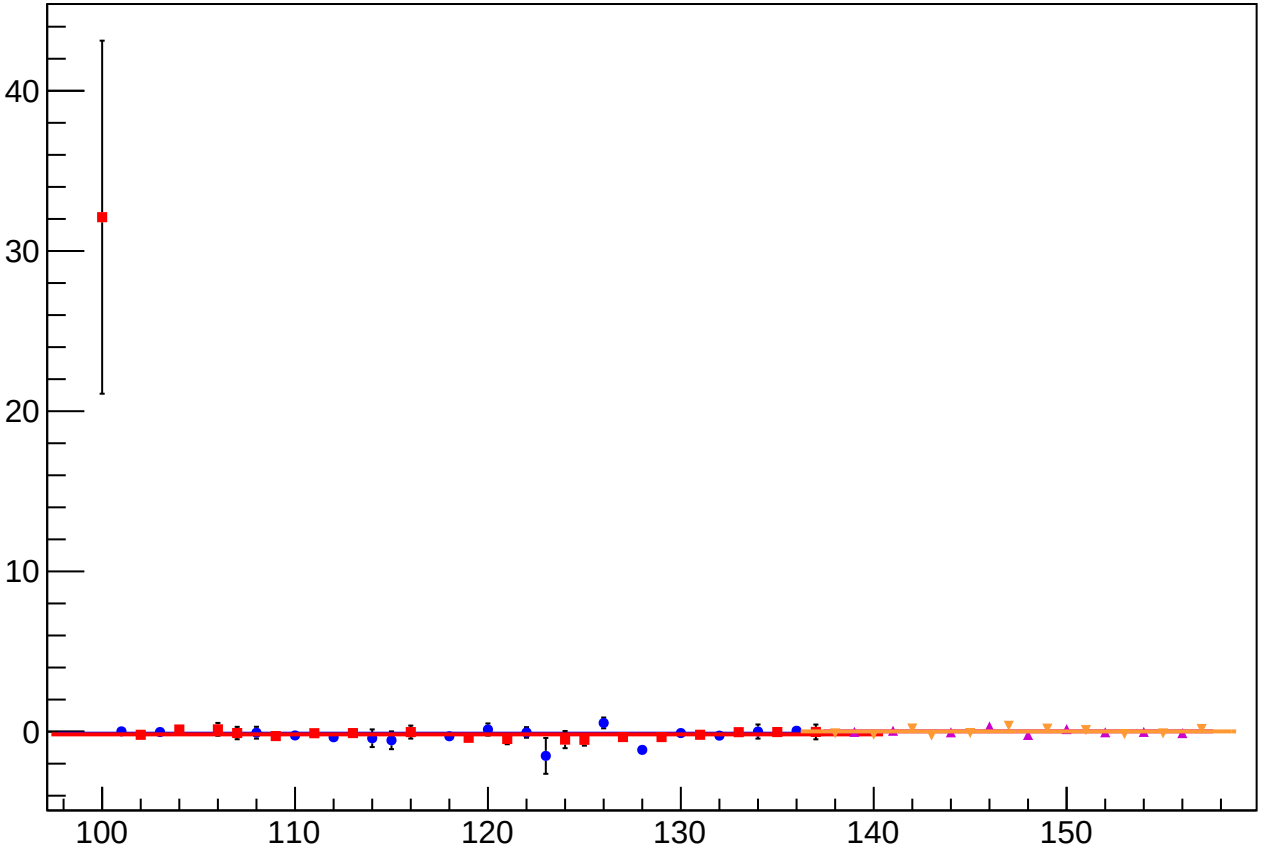
Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.094+/-0.025 χ^2/NDF:39.8/25

Out: -0.085+/-0.024 χ^2/NDF:34.3/29

All: -0.090+/-0.017 χ^2/NDF: 74.2/55

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.013+/-0.045 χ^2/NDF:17.2/10

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: 0.018+/-0.047 χ^2/NDF:10.0/8

Left: 0.016+/-0.033 χ^2/NDF: 27.2/19

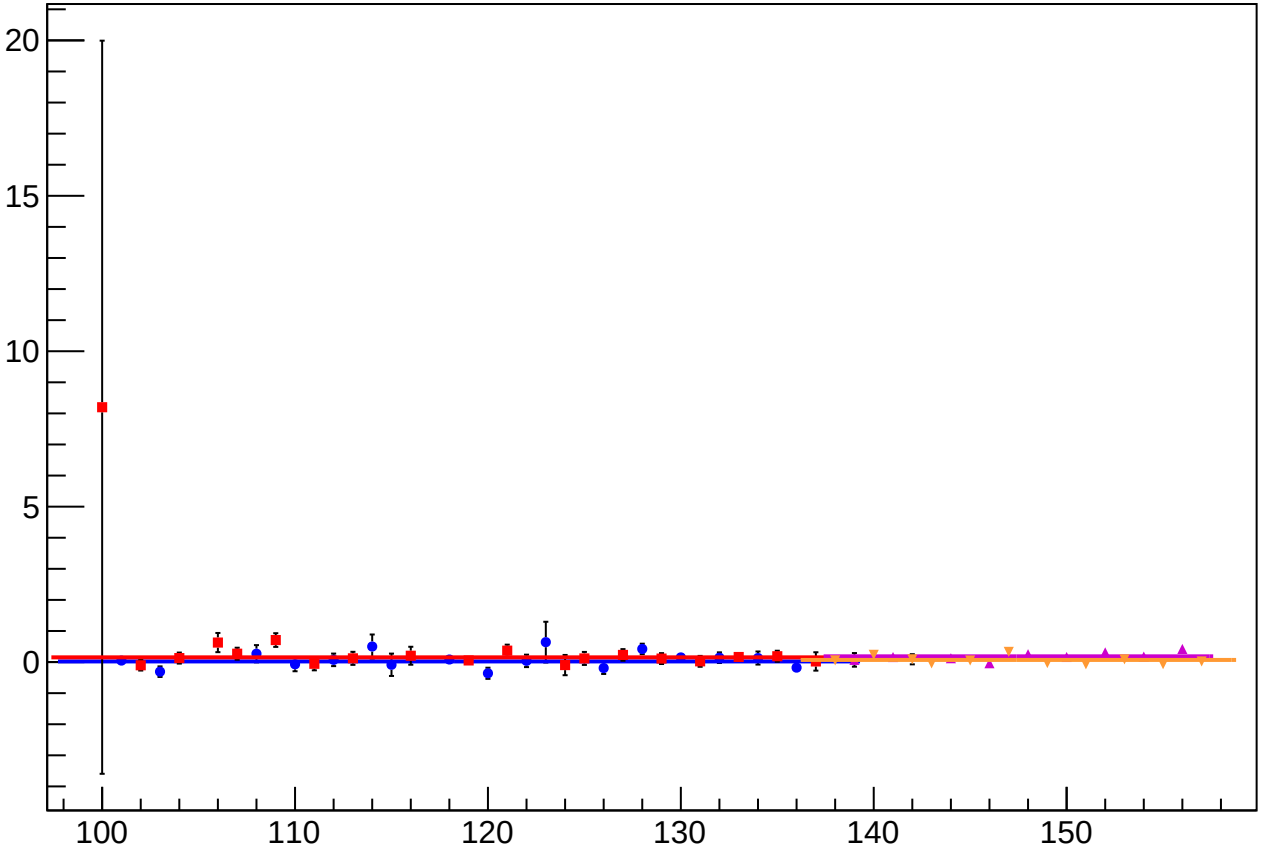
Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.031+/-0.039 χ^2/NDF:37.0/25

Out: -0.040+/-0.038 χ^2/NDF:37.0/29

All: -0.036+/-0.027 χ^2/NDF: 74.0/55

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.069+/-0.038 χ^2/NDF:13.3/10

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.185+/-0.041 χ^2/NDF:10.0/8

Left: 0.123+/-0.028 χ^2/NDF: 27.6/19

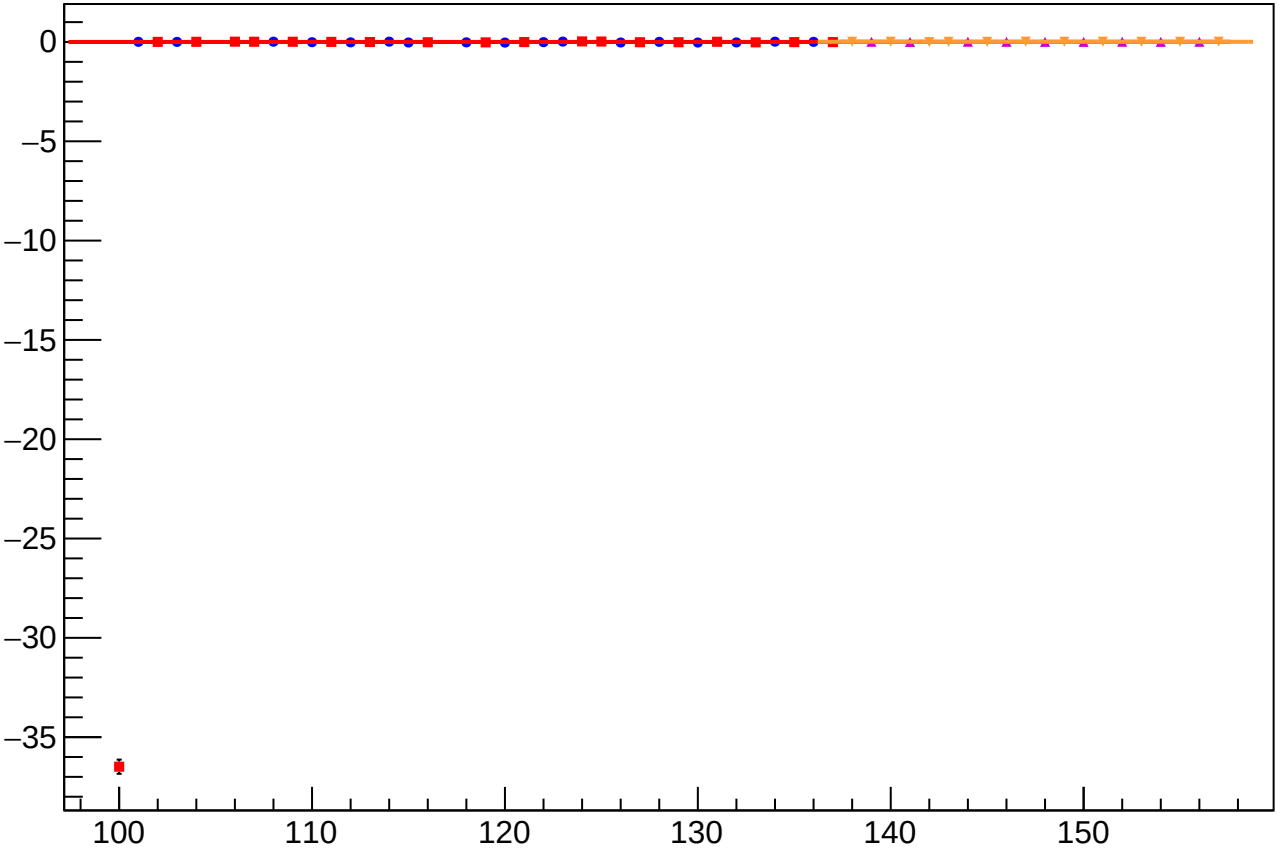
Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.106+/-0.029 χ^2/NDF:40.3/25

Out: 0.103+/-0.029 χ^2/NDF:31.5/29

All: 0.105+/-0.021 χ^2/NDF: 71.8/55

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.011+/-0.002 χ^2/NDF:5.4/10

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.011+/-0.002 χ^2/NDF:3.3/8

Left: 0.011+/-0.001 χ^2/NDF: 8.7/19

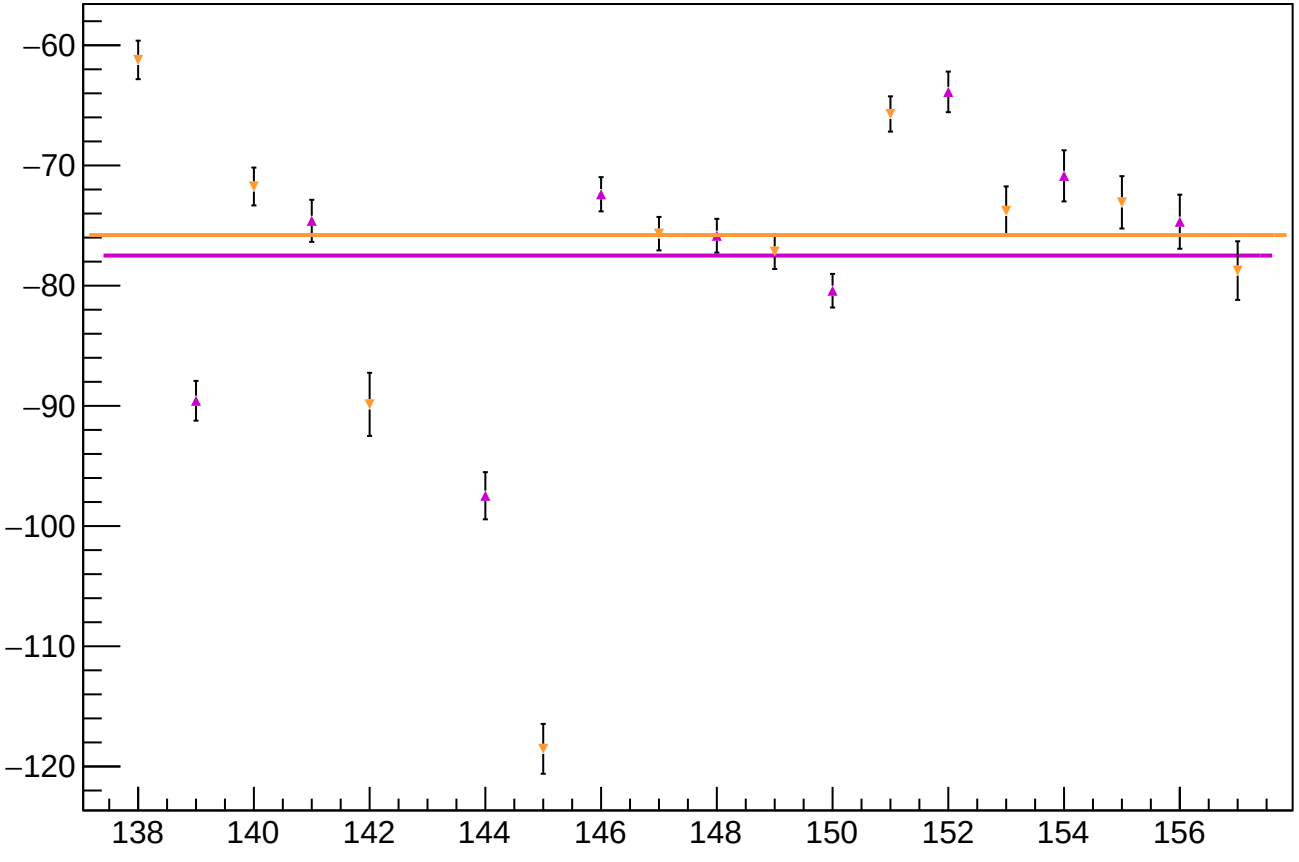
Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.007+/-0.001 χ^2/NDF:46.2/25

Out: 0.007+/-0.001 χ^2/NDF:10465.5/29

All: 0.007+/-0.001 χ^2/NDF: 10511.7/55

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: -75.792+/-0.555 χ^2/NDF:594.3/9

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

Left In: -77.494+/-0.556 χ^2/NDF:254.5/8

Left: -76.640+/-0.393 χ^2/NDF: 853.5/18

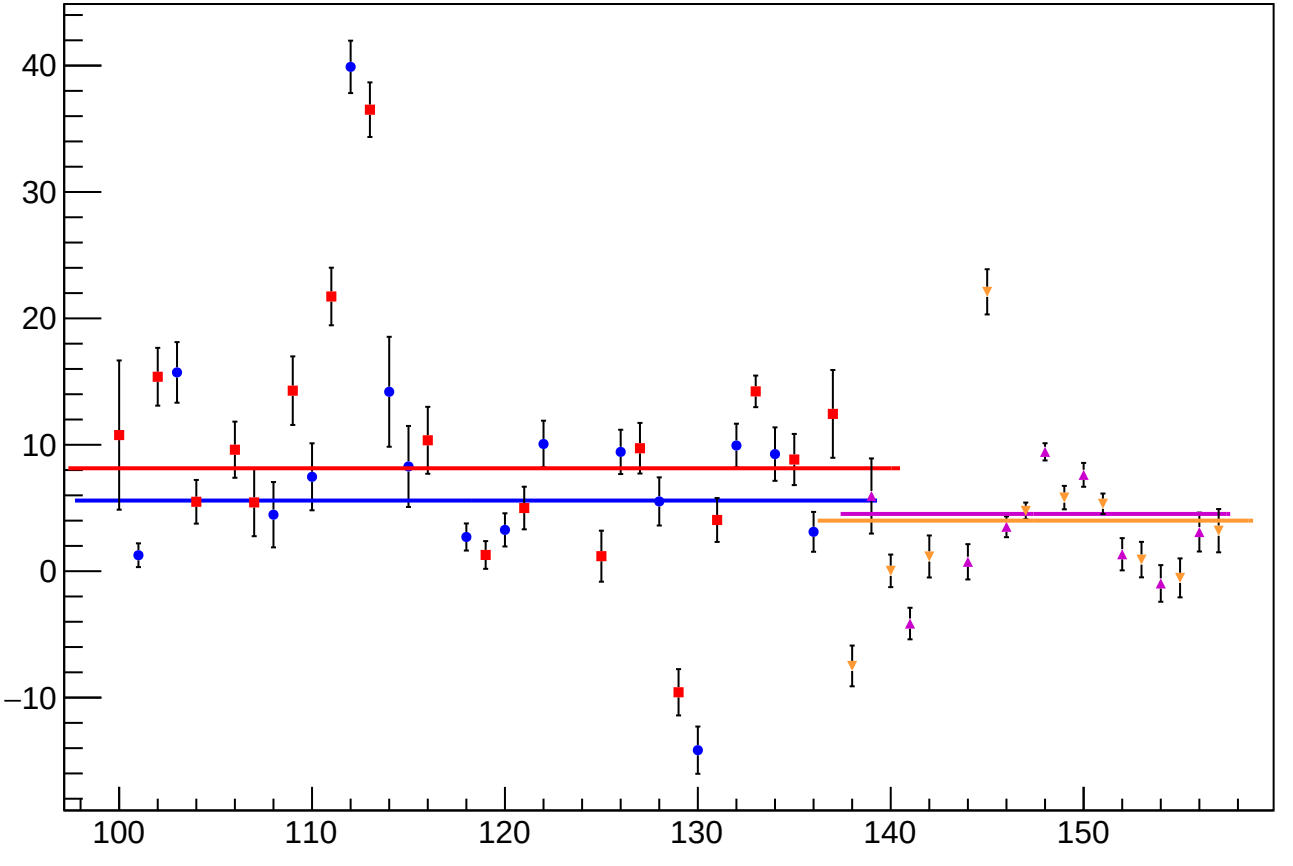
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -77.494+/-0.556 χ^2/NDF:254.5/8

Out: -75.792+/-0.555 χ^2/NDF:594.3/9

All: -76.640+/-0.393 χ^2/NDF: 853.5/18

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: 3.999+/-0.355 χ^2/NDF:187.4/9

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 4.531+/-0.365 χ^2/NDF:141.5/8

Left: 4.258+/-0.255 χ^2/NDF: 329.9/18

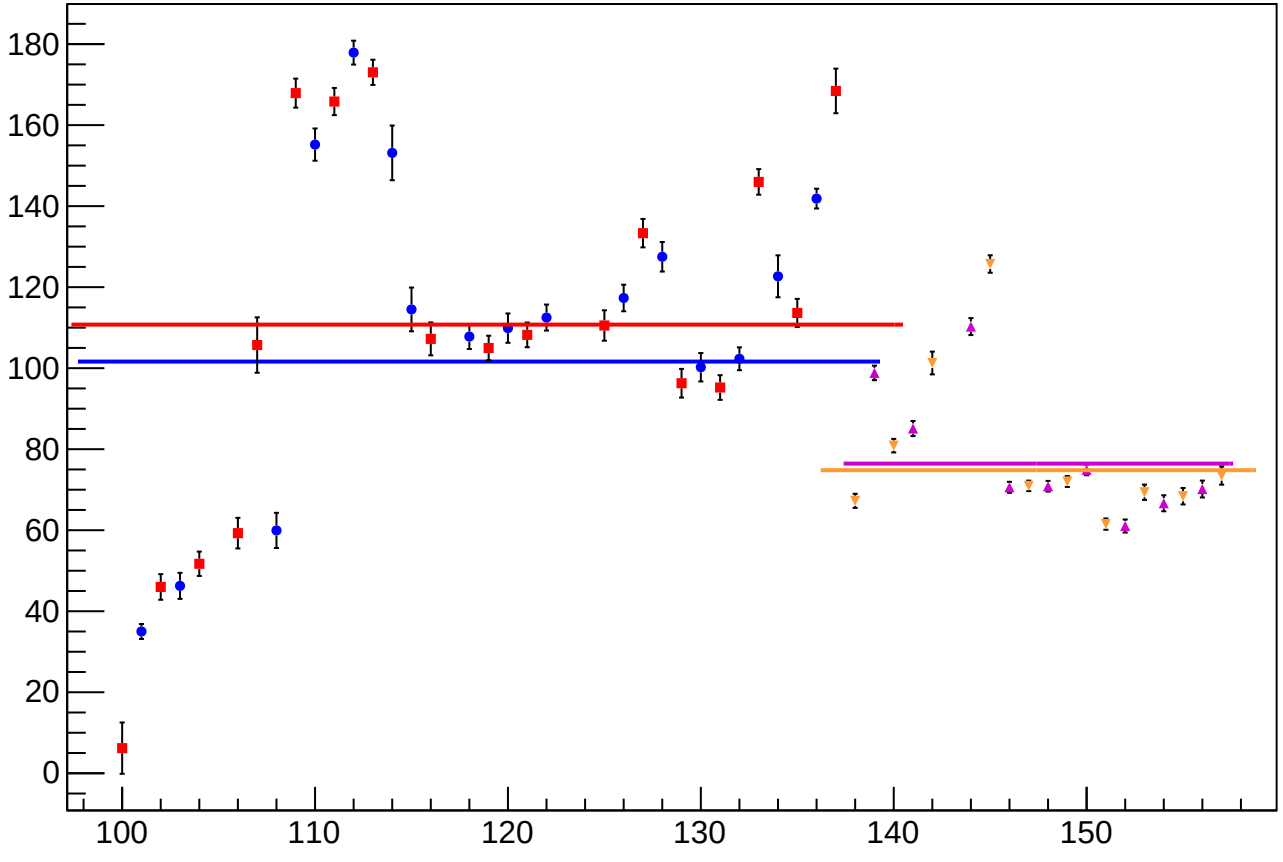
Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 4.981+/-0.276 χ^2/NDF:607.8/24

Out: 5.575+/-0.280 χ^2/NDF:646.8/27

All: 5.274+/-0.197 χ^2/NDF: 1256.9/52

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: 74.818+/-0.542 χ^2/NDF:801.2/9

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 76.444+/-0.543 χ^2/NDF:599.4/8

Left: 75.630+/-0.384 χ^2/NDF: 1405.1/18

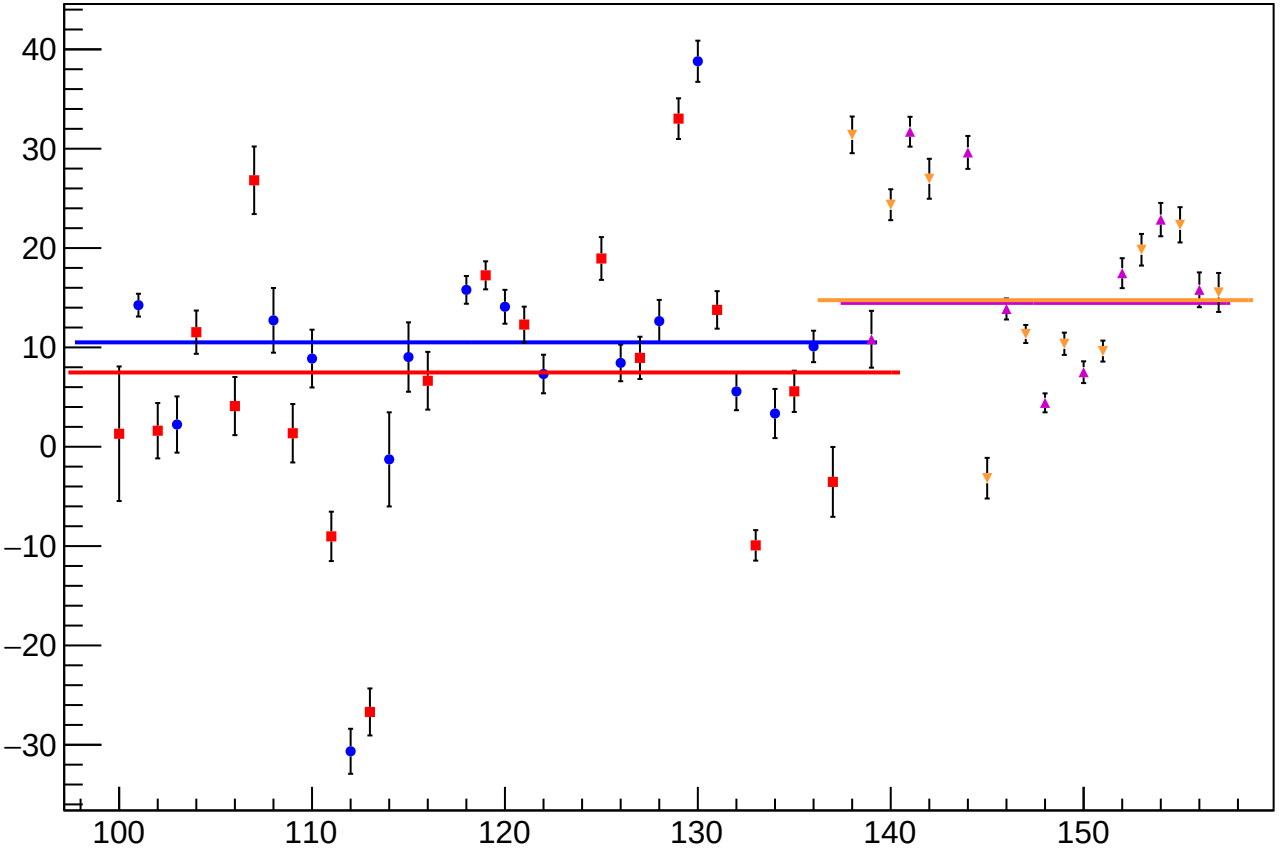
Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 84.289+/-0.450 χ^2/NDF:4249.1/24

Out: 85.456+/-0.455 χ^2/NDF:4614.5/27

All: 84.866+/-0.320 χ^2/NDF: 8866.9/52

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: 14.753+/-0.444 χ^2/NDF:314.6/9

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 14.481+/-0.453 χ^2/NDF:398.4/8

Left: 14.620+/-0.317 χ^2/NDF: 713.1/18

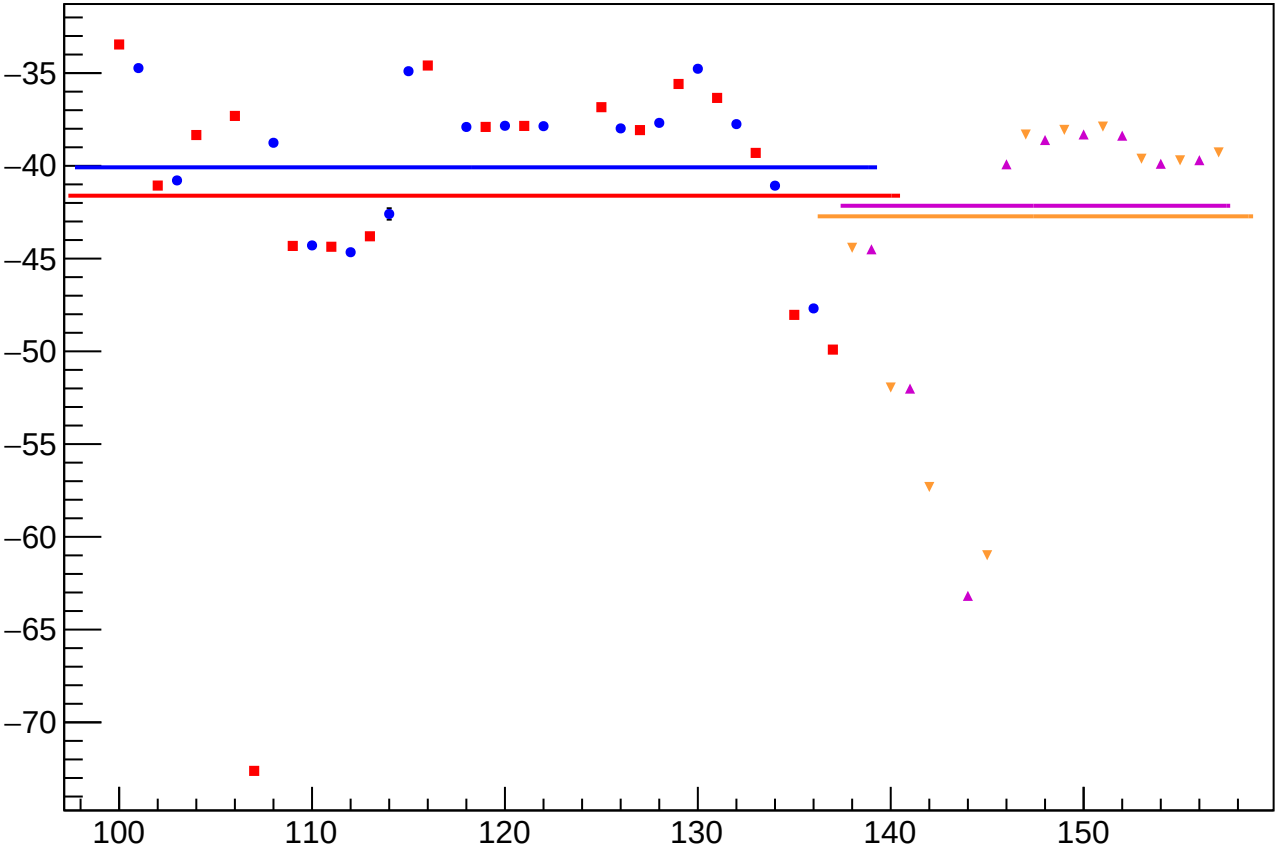
Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 12.659+/-0.333 χ^2/NDF:1015.2/24

Out: 11.711+/-0.339 χ^2/NDF:1116.1/27

All: 12.193+/-0.238 χ^2/NDF: 2135.3/52

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: -42.722+/-0.022 χ^2/NDF:102849.8/9

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -42.152+/-0.022 χ^2/NDF:86365.2/8

Left: -42.433+/-0.016 χ^2/NDF: 189549.9/18

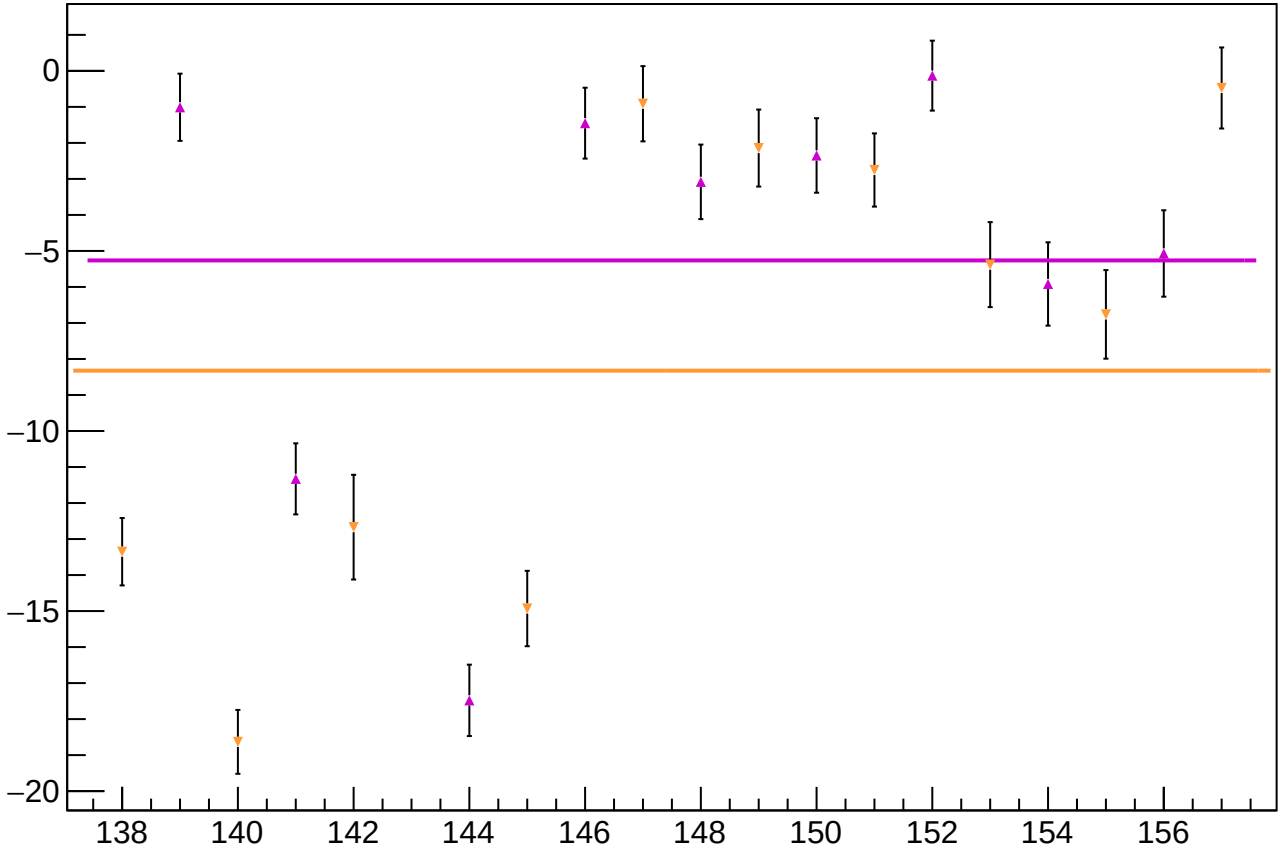
Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -41.374+/-0.017 χ^2/NDF:114864.2/24

Out: -42.304+/-0.018 χ^2/NDF:165580.6/27

All: -41.833+/-0.012 χ^2/NDF: 281873.0/52

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: -8.324+/-0.338 χ^2/NDF:383.1/9

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

Left In: -5.263+/-0.341 χ^2/NDF:266.2/8

Left: -6.805+/-0.240 χ^2/NDF: 689.8/18

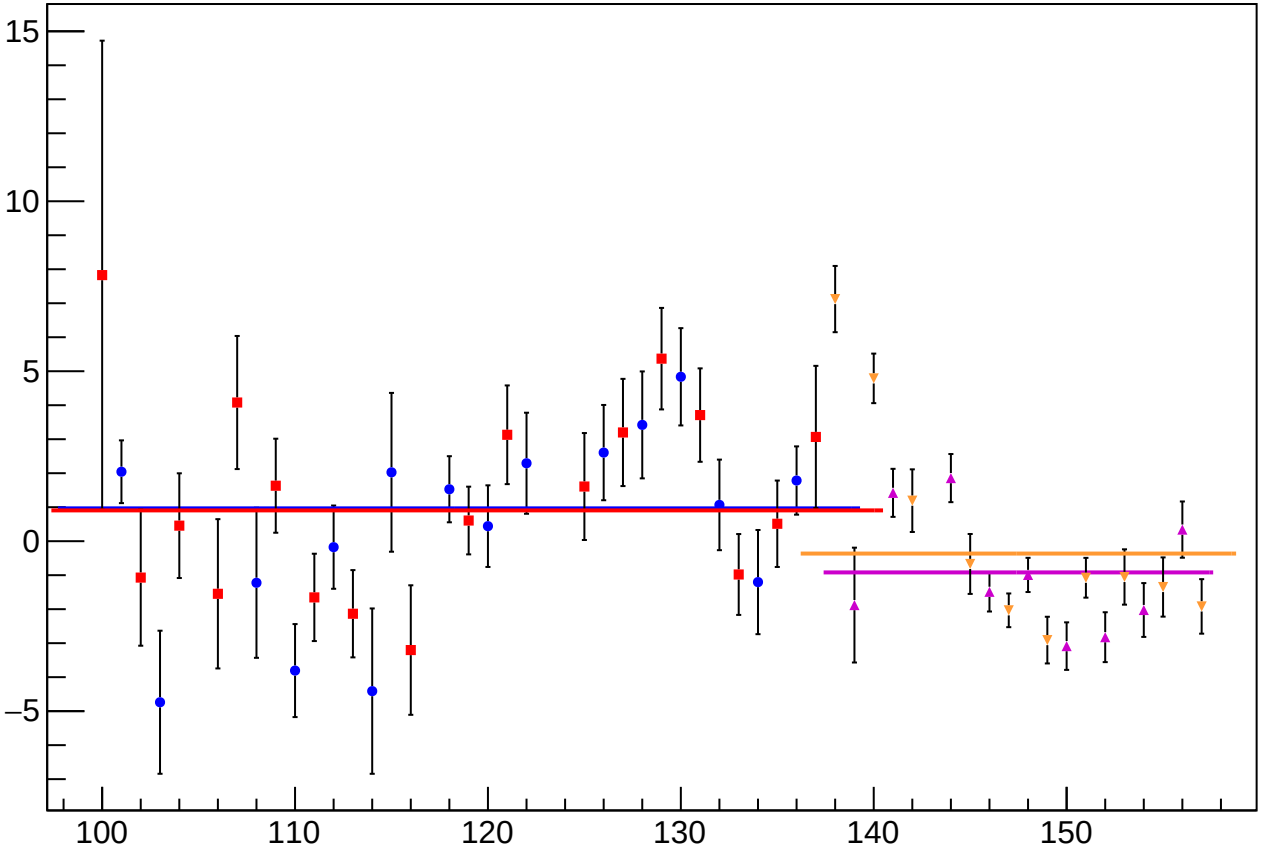
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.263+/-0.341 χ^2/NDF:266.2/8

Out: -8.324+/-0.338 χ^2/NDF:383.1/9

All: -6.805+/-0.240 χ^2/NDF: 689.8/18

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: -0.364+/-0.230 χ^2/NDF:144.3/9

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: -0.919+/-0.234 χ^2/NDF:48.3/8

Left: -0.636+/-0.164 χ^2/NDF: 195.4/18

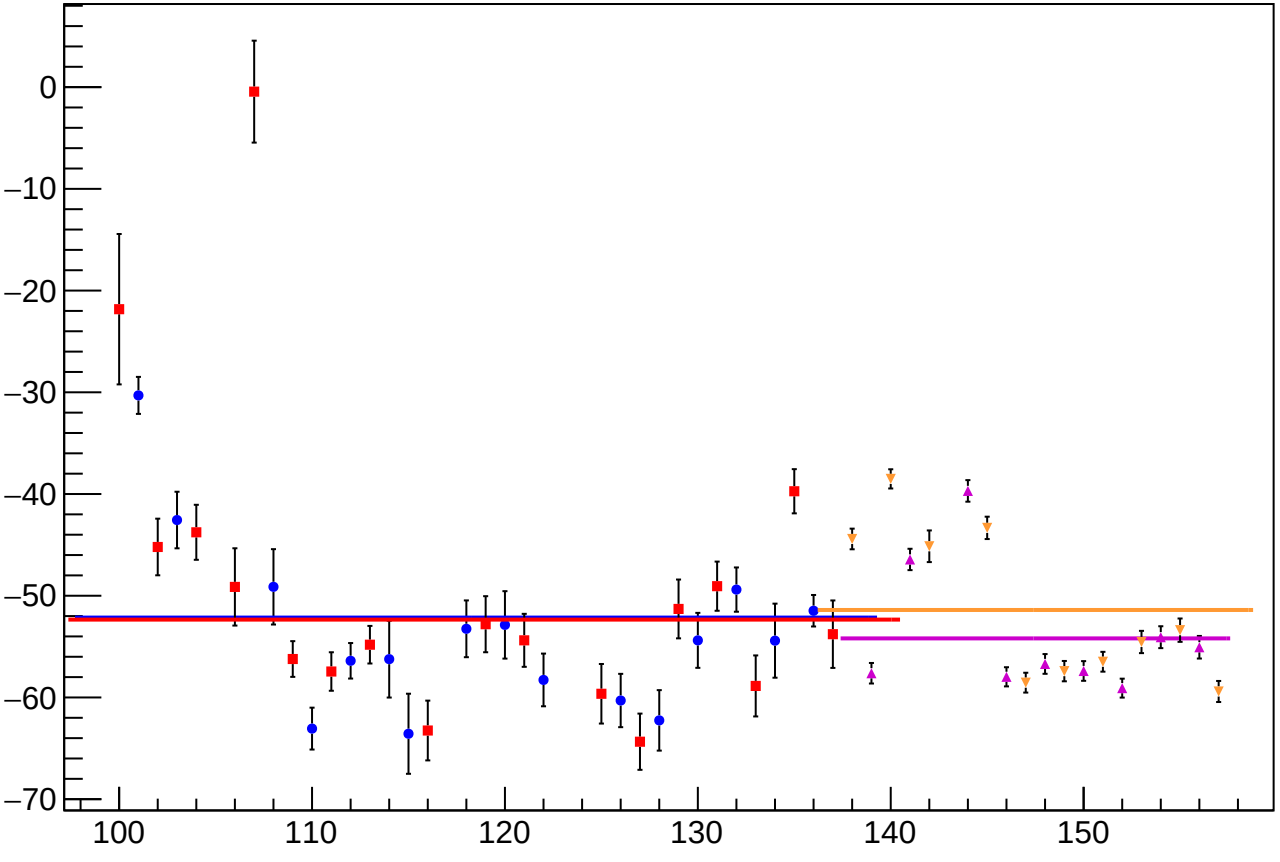
Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: -0.308+/-0.193 χ^2/NDF:112.2/24

Out: 0.014+/-0.193 χ^2/NDF:195.3/27

All: -0.148+/-0.136 χ^2/NDF: 308.9/52

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: -51.399+/-0.334 χ^2/NDF:492.0/9

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -54.194+/-0.336 χ^2/NDF:315.3/8

Left: -52.789+/-0.237 χ^2/NDF: 842.1/18

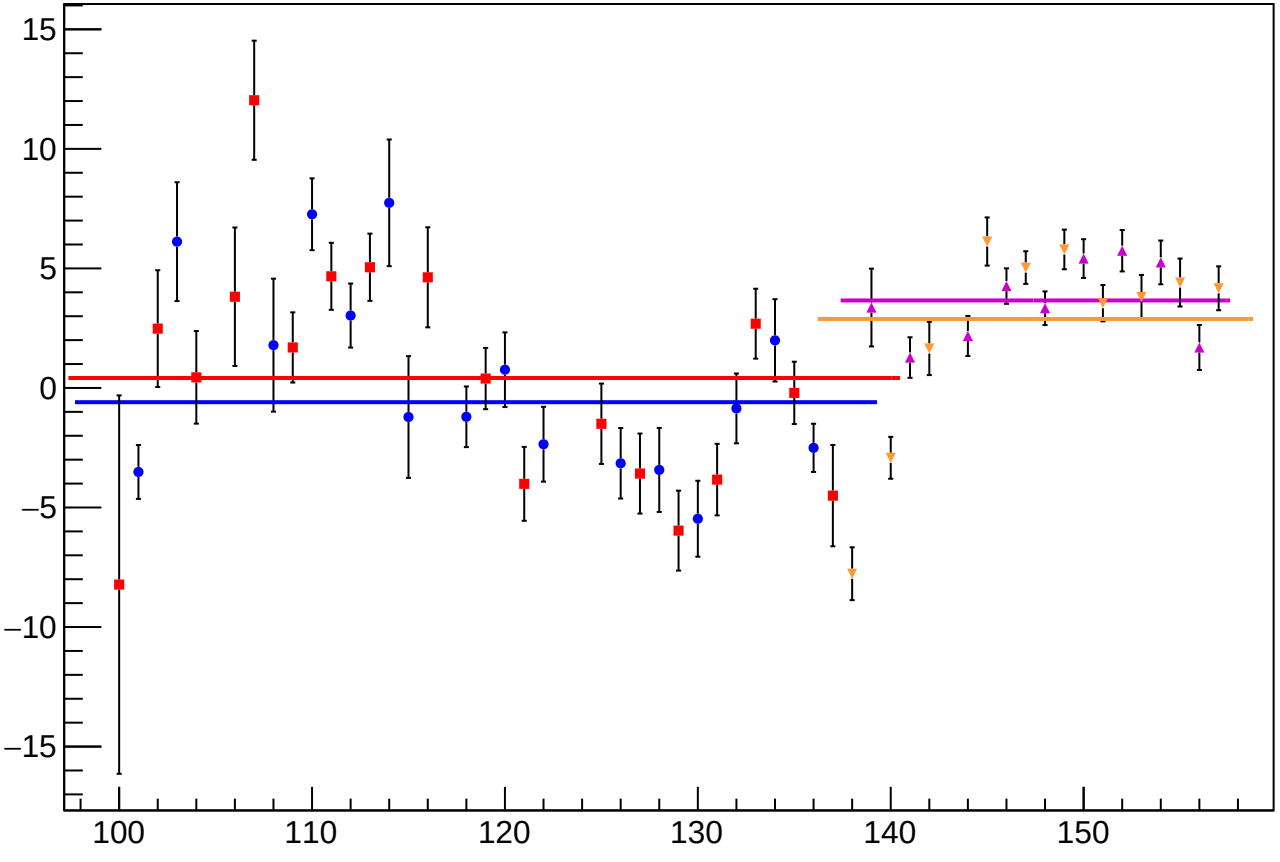
Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -53.721+/-0.294 χ^2/NDF:554.1/24

Out: -51.615+/-0.294 χ^2/NDF:729.5/27

All: -52.665+/-0.208 χ^2/NDF: 1309.3/52

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: 2.886+/-0.282 χ^2/NDF:176.7/9

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 3.660+/-0.286 χ^2/NDF:29.8/8

Left: 3.267+/-0.201 χ^2/NDF: 210.2/18

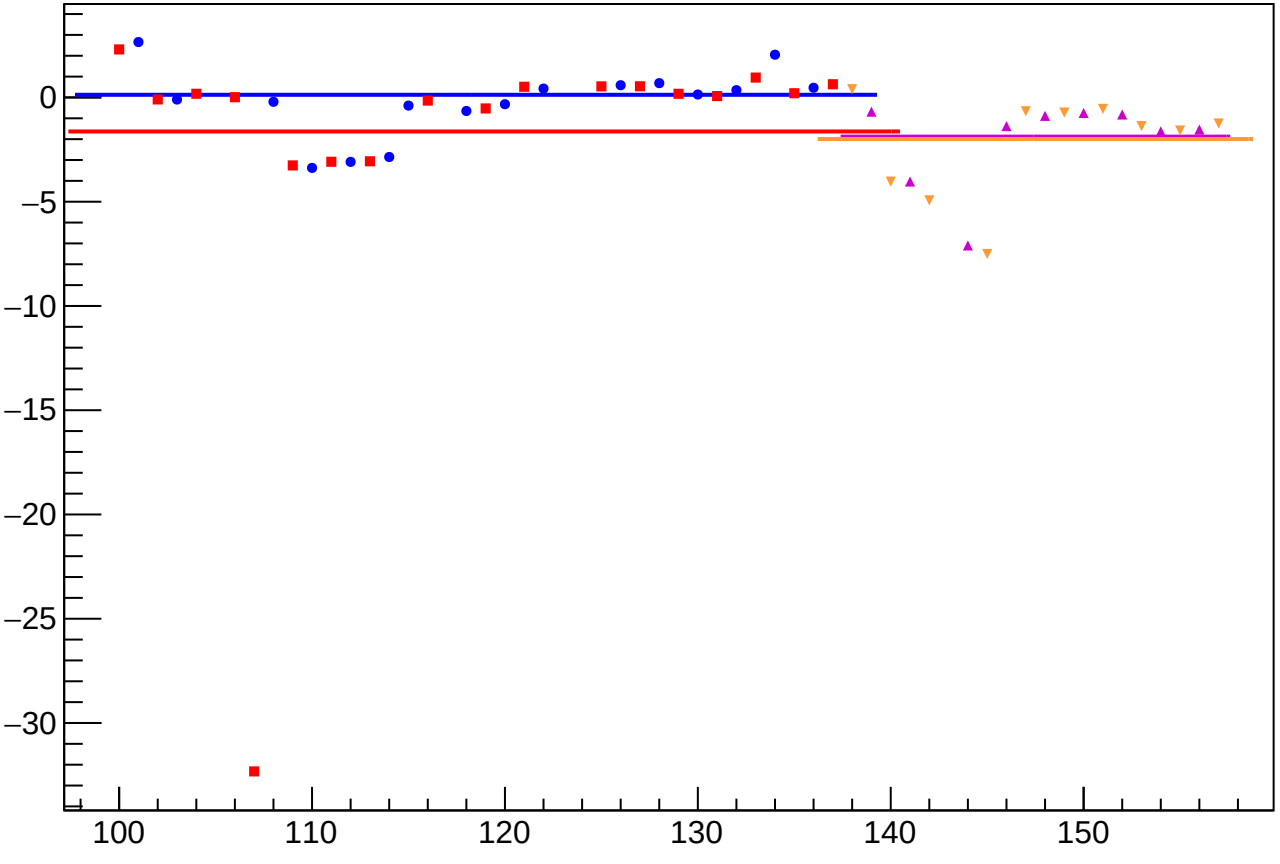
Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: 2.140+/-0.229 χ^2/NDF:191.4/24

Out: 2.066+/-0.230 χ^2/NDF:298.0/27

All: 2.103+/-0.163 χ^2/NDF: 489.5/52

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: -1.994+/-0.013 χ^2/NDF:28309.9/9

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -1.878+/-0.013 χ^2/NDF:18818.7/8

Left: -1.936+/-0.009 χ^2/NDF: 47167.1/18

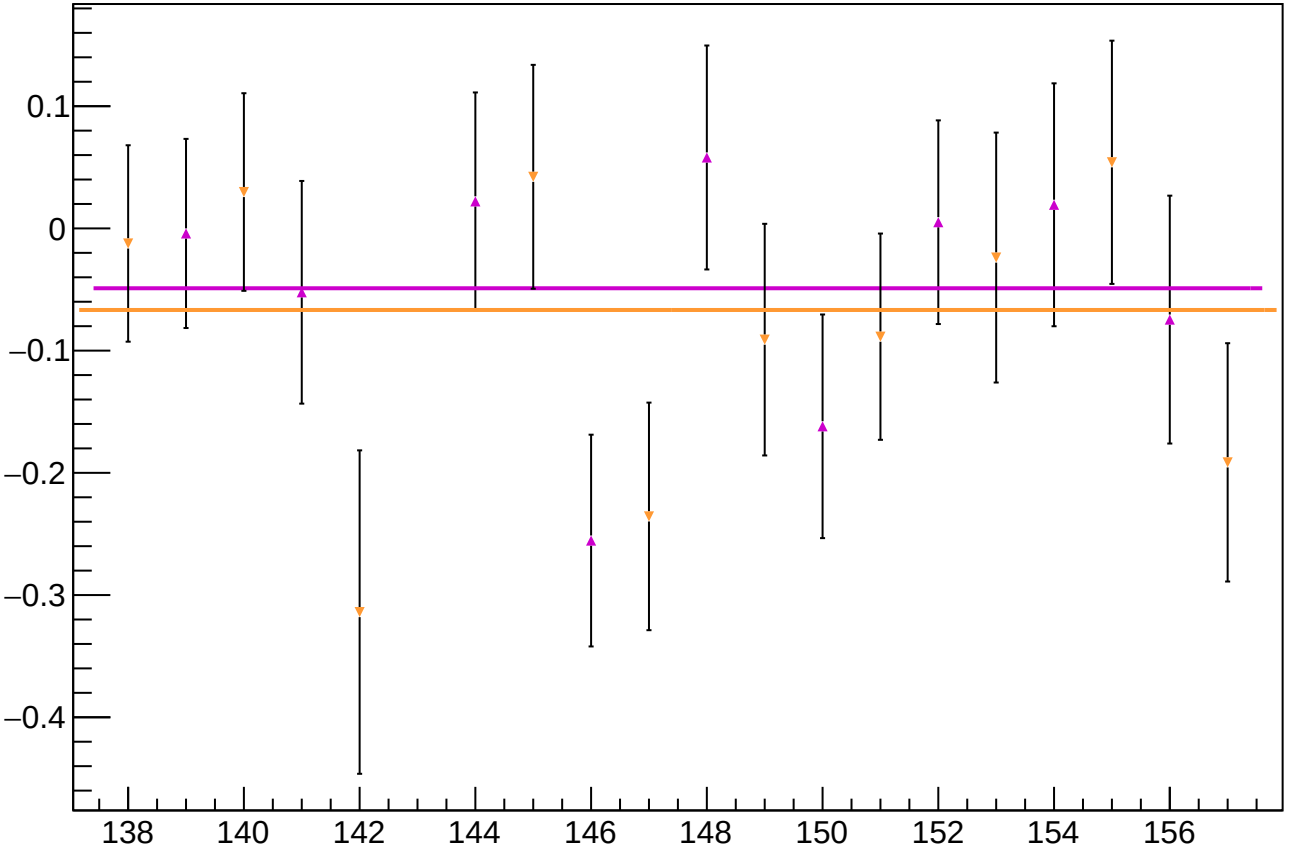
Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -1.324+/-0.011 χ^2/NDF:30376.3/24

Out: -1.897+/-0.011 χ^2/NDF:106391.3/27

All: -1.610+/-0.008 χ^2/NDF: 138050.0/52

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: -0.067+/-0.029 χ^2/NDF:13.5/9

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

Left In: -0.049+/-0.030 χ^2/NDF:10.5/8

Left: -0.058+/-0.021 χ^2/NDF: 24.2/18

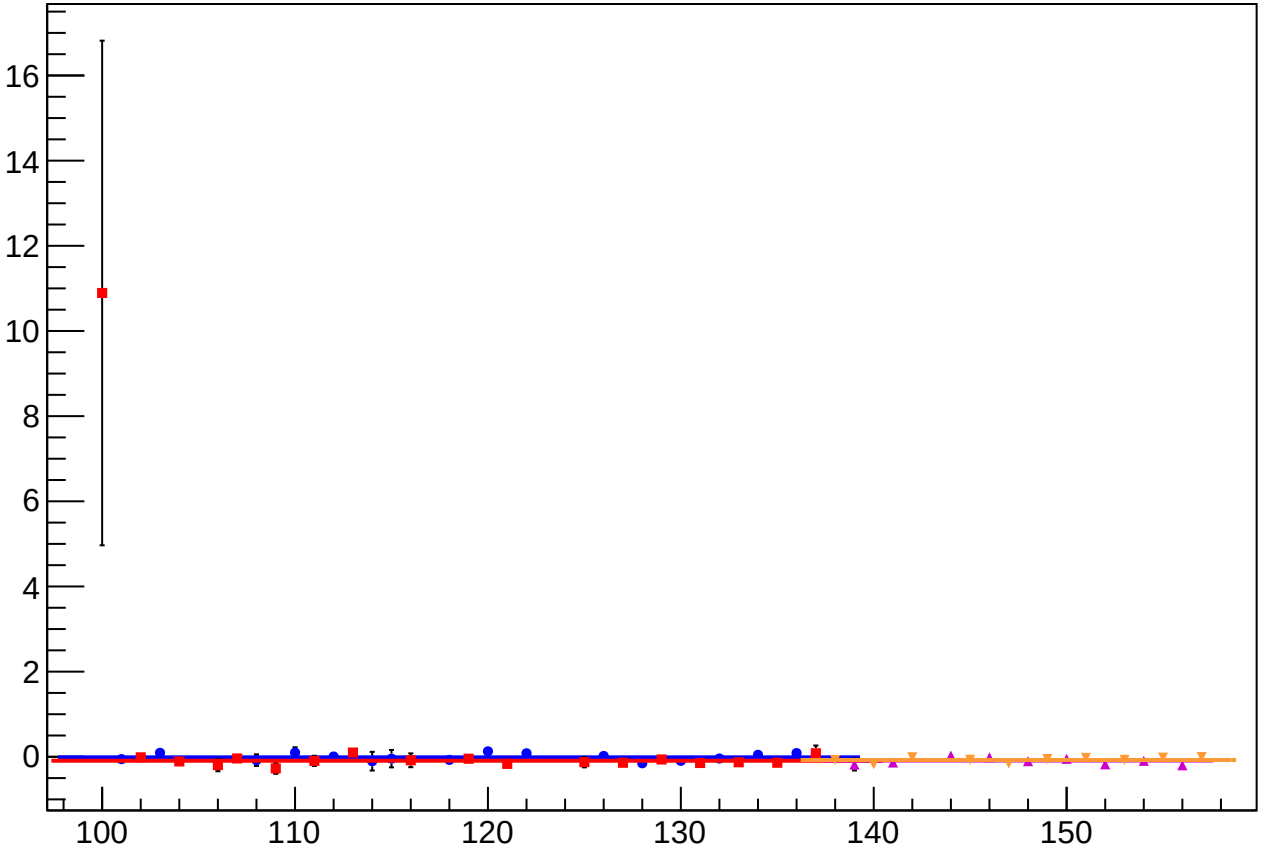
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.049+/-0.030 χ^2/NDF:10.5/8

Out: -0.067+/-0.029 χ^2/NDF:13.5/9

All: -0.058+/-0.021 χ^2/NDF: 24.2/18

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: -0.076+/-0.020 χ^2/NDF:9.0/9

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.088+/-0.021 χ^2/NDF:11.6/8

Left: -0.082+/-0.014 χ^2/NDF: 20.7/18

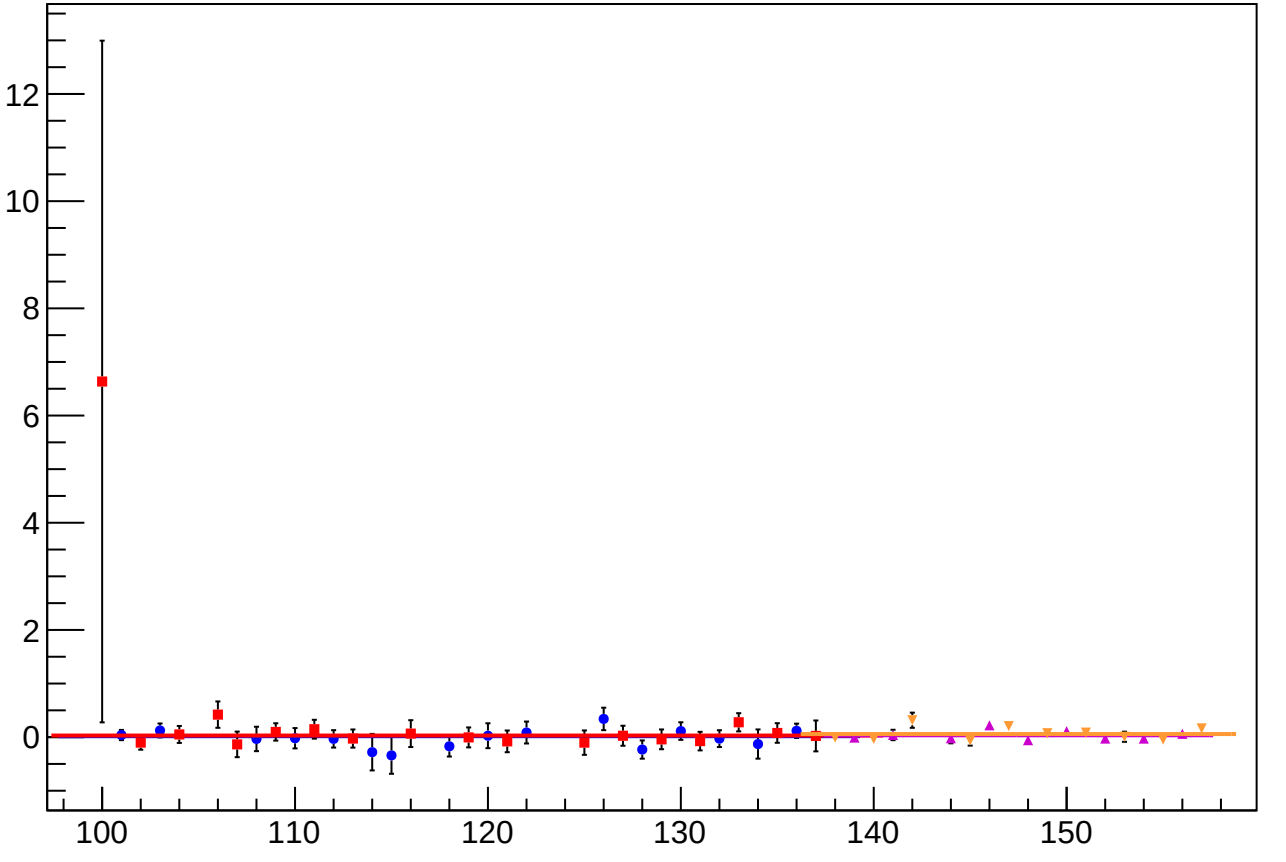
Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.055+/-0.015 χ^2/NDF:29.6/24

Out: -0.082+/-0.016 χ^2/NDF:21.9/27

All: -0.068+/-0.011 χ^2/NDF: 53.1/52

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: 0.058+/-0.029 χ^2/NDF:12.5/9

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.034+/-0.029 χ^2/NDF:8.7/8

Left: 0.046+/-0.021 χ^2/NDF: 21.5/18

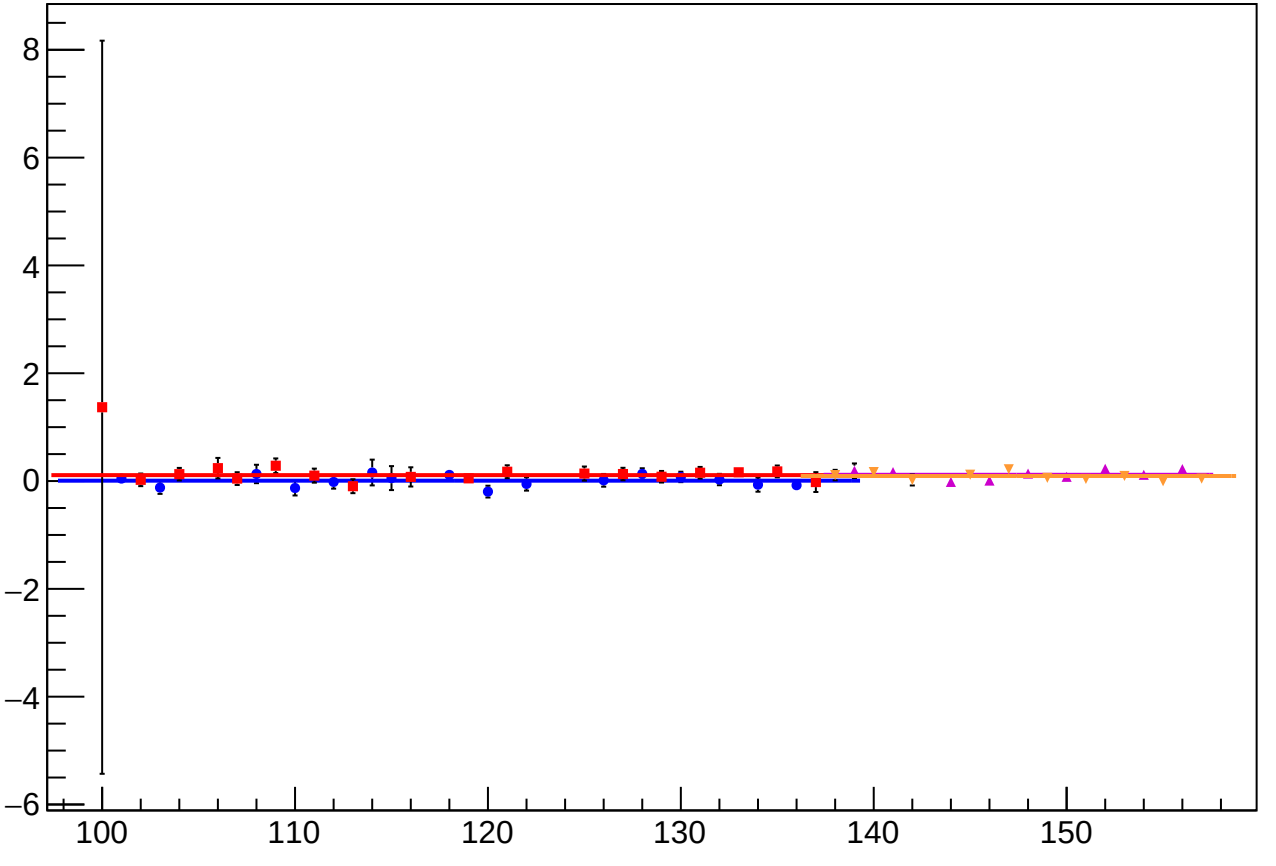
Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: 0.029+/-0.024 χ^2/NDF:18.4/24

Out: 0.049+/-0.024 χ^2/NDF:22.0/27

All: 0.039+/-0.017 χ^2/NDF: 40.7/52

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: 0.094+/-0.025 χ^2/NDF:8.5/9

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.116+/-0.025 χ^2/NDF:10.9/8

Left: 0.104+/-0.018 χ^2/NDF: 19.8/18

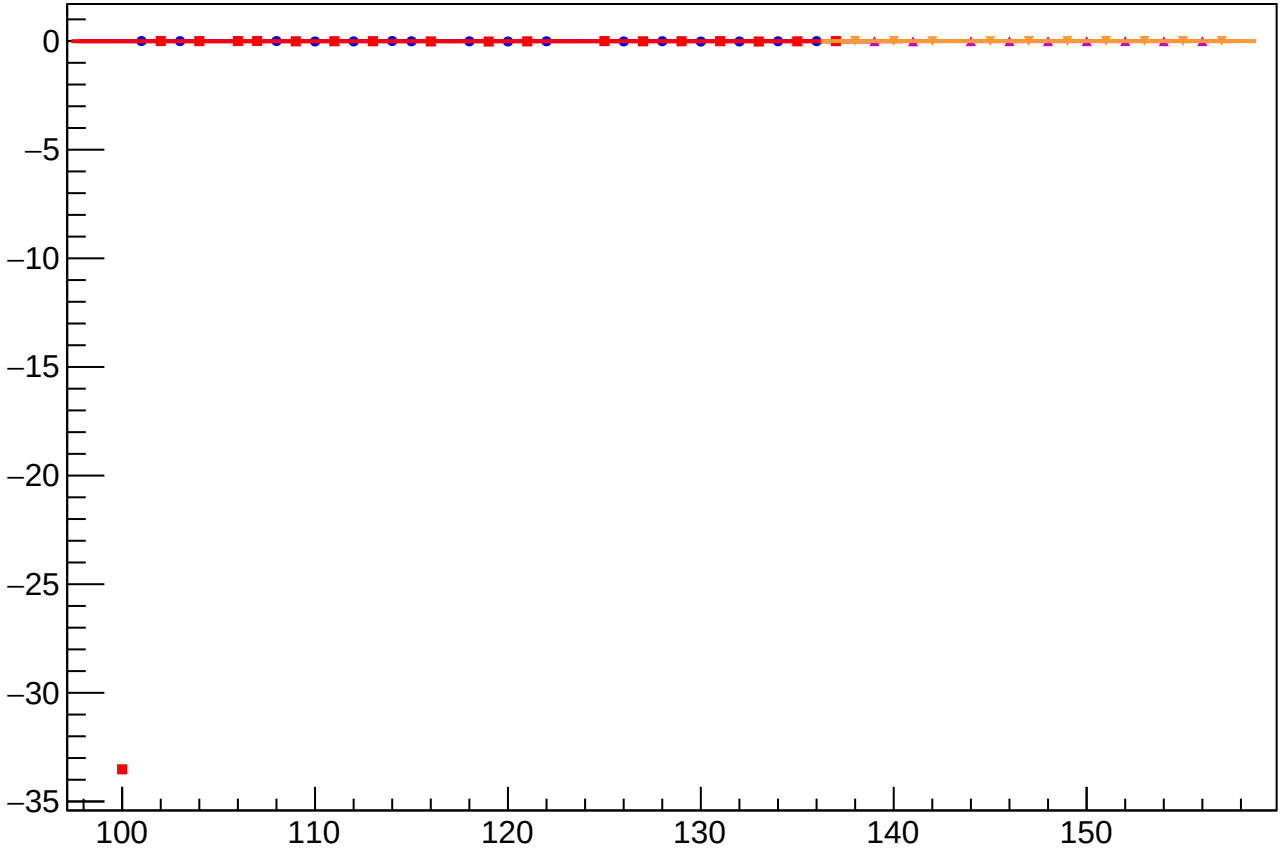
Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.065+/-0.018 χ^2/NDF:31.7/24

Out: 0.100+/-0.019 χ^2/NDF:16.6/27

All: 0.083+/-0.013 χ^2/NDF: 50.2/52

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:7.0/9

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: -0.001+/-0.001 χ^2/NDF:4.9/8

Left: 0.000+/-0.001 χ^2/NDF: 12.8/18

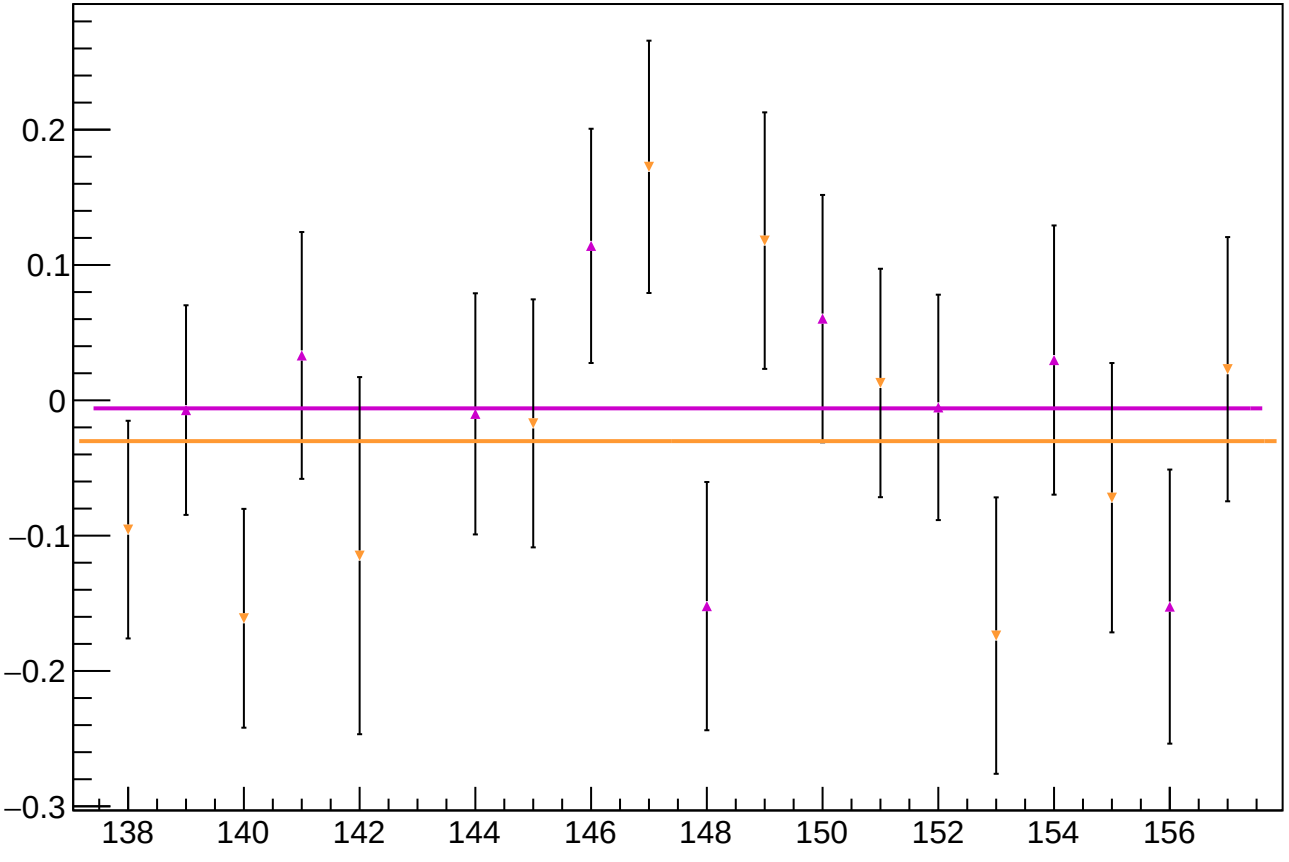
Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.002+/-0.001 χ^2/NDF:34.6/24

Out: -0.002+/-0.001 χ^2/NDF:26529.6/27

All: -0.002+/-0.001 χ^2/NDF: 26564.6/52

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: -0.030+/-0.029 χ^2/NDF:13.6/9

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

Left In: -0.006+/-0.030 χ^2/NDF:7.4/8

Left: -0.018+/-0.021 χ^2/NDF: 21.3/18

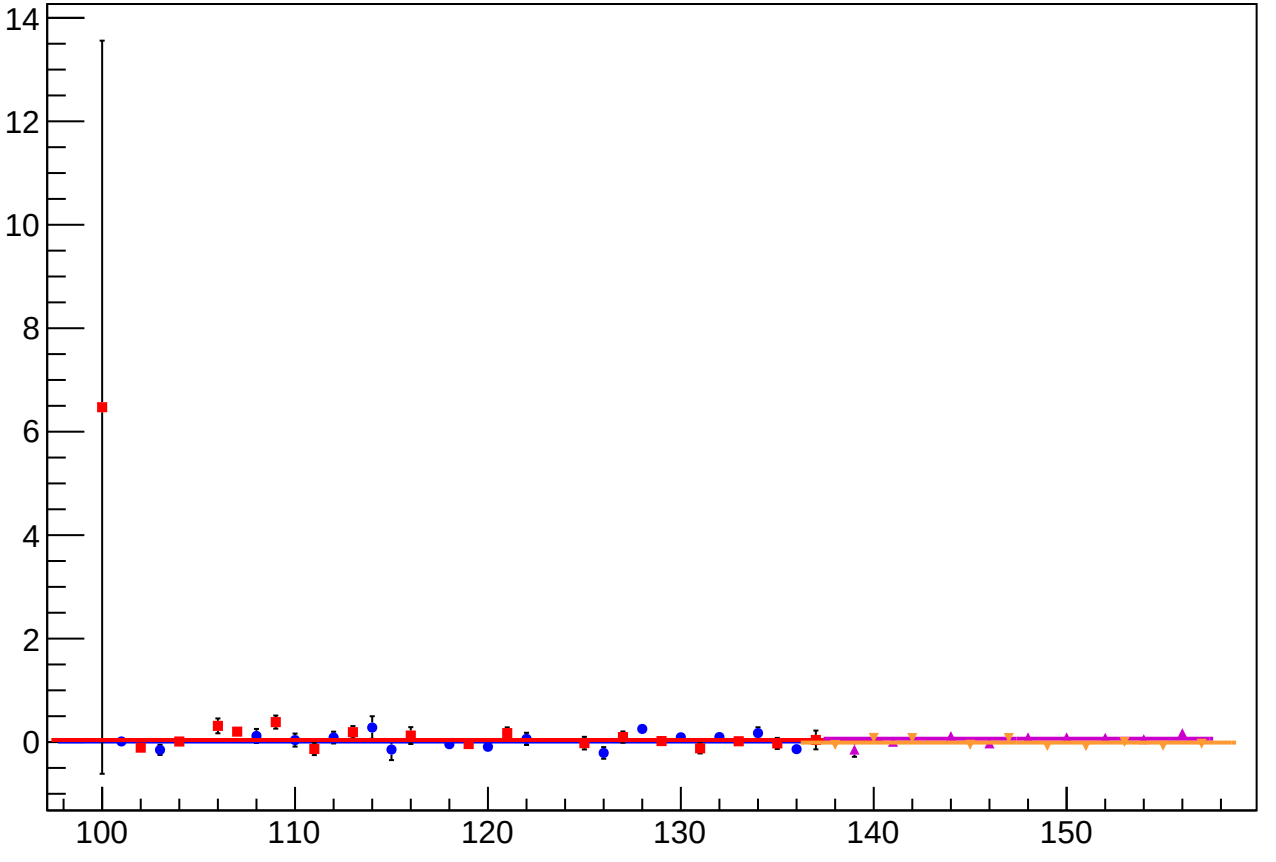
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.006+/-0.030 χ^2/NDF:7.4/8

Out: -0.030+/-0.029 χ^2/NDF:13.6/9

All: -0.018+/-0.021 χ^2/NDF: 21.3/18

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+/-0.020 χ^2/NDF:11.6/9

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.064+/-0.021 χ^2/NDF:9.7/8

Left: 0.026+/-0.014 χ^2/NDF: 28.0/18

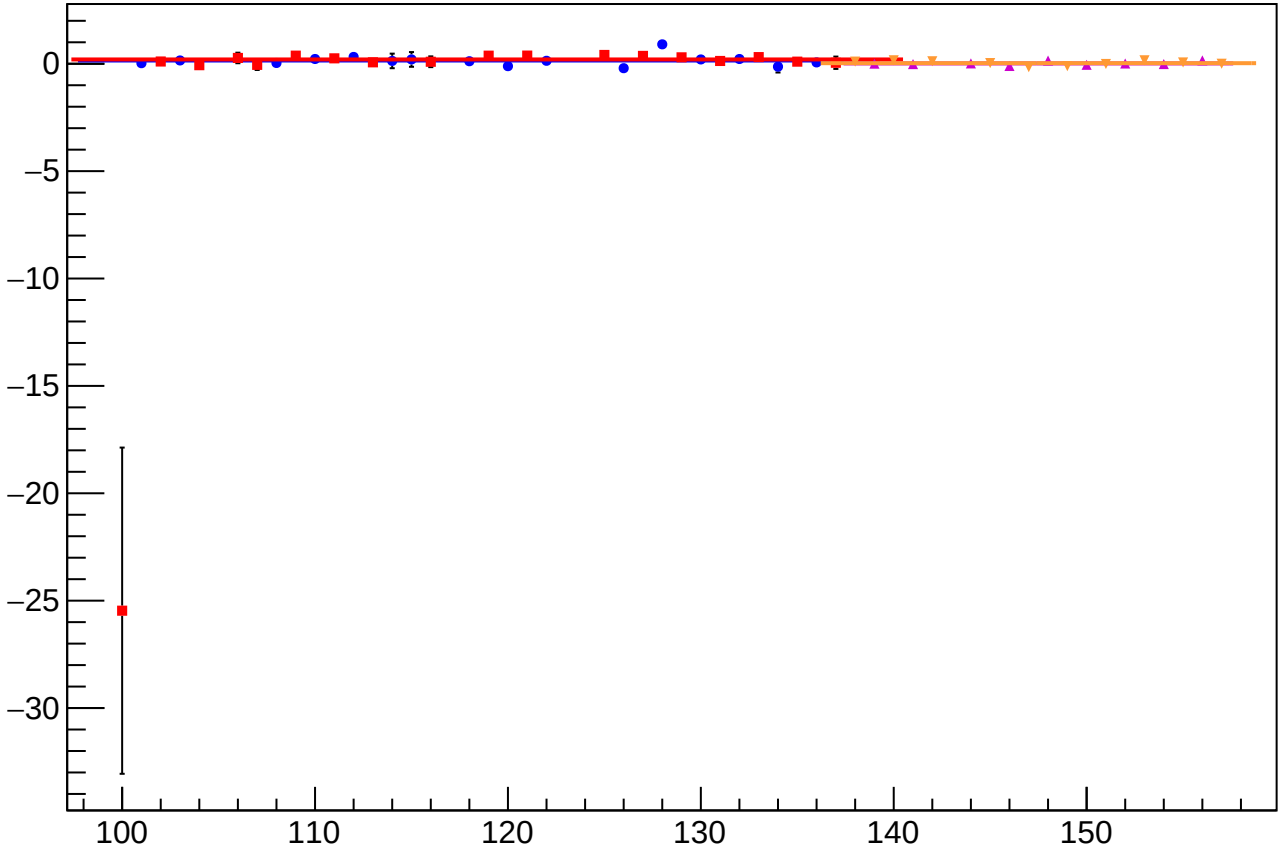
Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.041+/-0.015 χ^2/NDF:38.1/24

Out: 0.010+/-0.016 χ^2/NDF:42.0/27

All: 0.025+/-0.011 χ^2/NDF: 82.1/52

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: 0.027+/-0.029 χ^2/NDF:13.1/9

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.016+/-0.029 χ^2/NDF:7.4/8

Left: 0.021+/-0.021 χ^2/NDF: 20.6/18

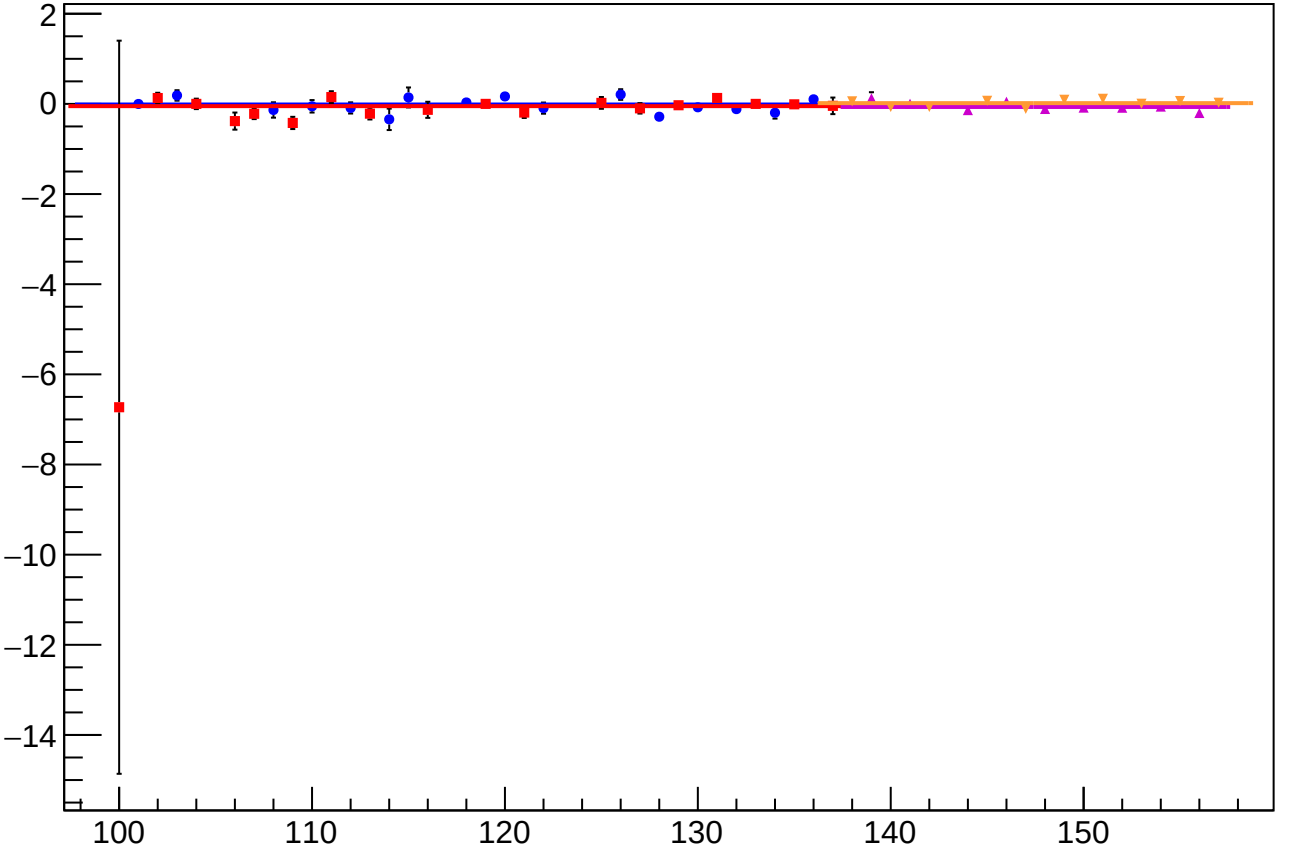
Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.059+/-0.024 χ^2/NDF:43.1/24

Out: 0.078+/-0.024 χ^2/NDF:46.5/27

All: 0.068+/-0.017 χ^2/NDF: 89.9/52

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: 0.017+/-0.025 χ^2/NDF:10.5/9

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.068+/-0.025 χ^2/NDF:10.3/8

Left: -0.024+/-0.018 χ^2/NDF: 26.6/18

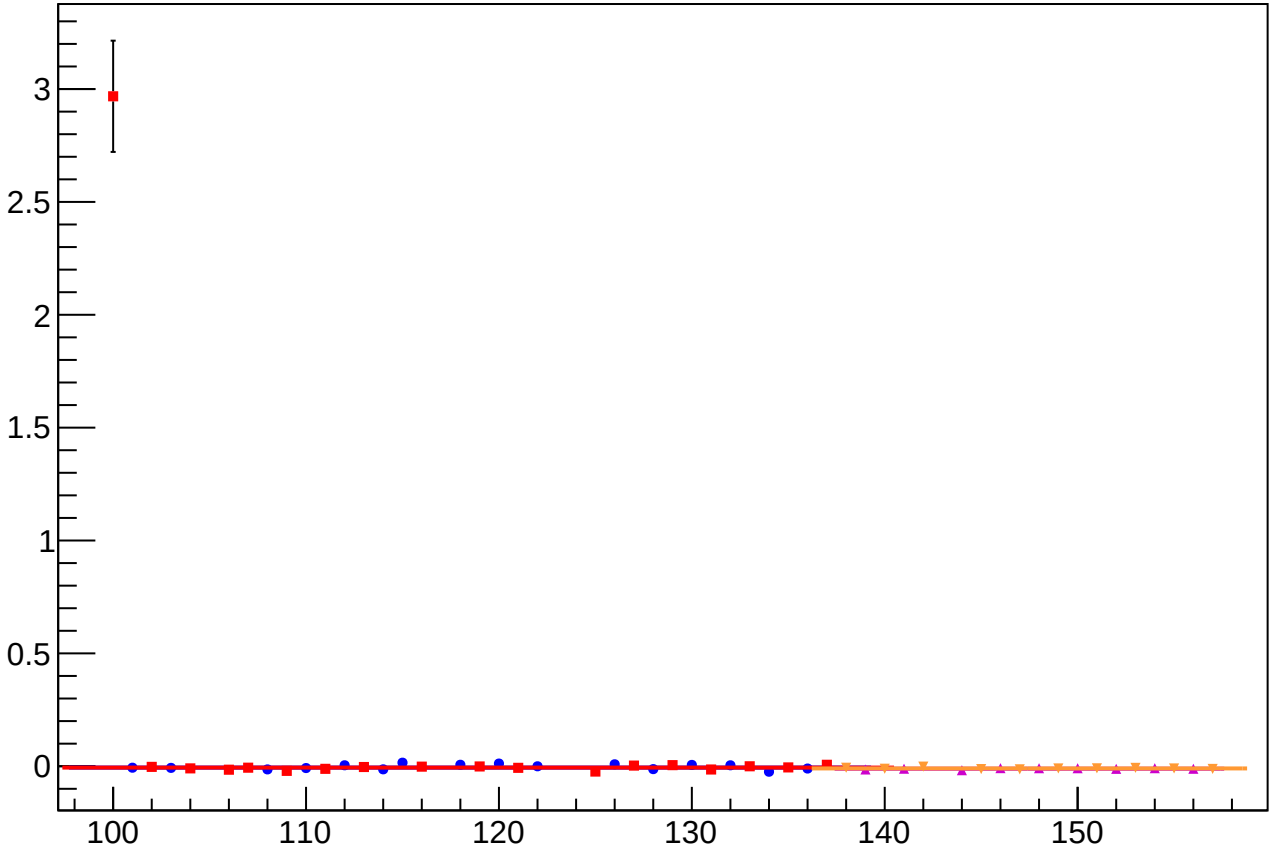
Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: -0.043+/-0.018 χ^2/NDF:37.6/24

Out: -0.011+/-0.019 χ^2/NDF:39.4/27

All: -0.027+/-0.013 χ^2/NDF: 78.4/52

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: -0.010+/-0.001 χ^2/NDF:5.5/9

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.011+/-0.001 χ^2/NDF:5.5/8

Left: -0.010+/-0.001 χ^2/NDF: 11.8/18

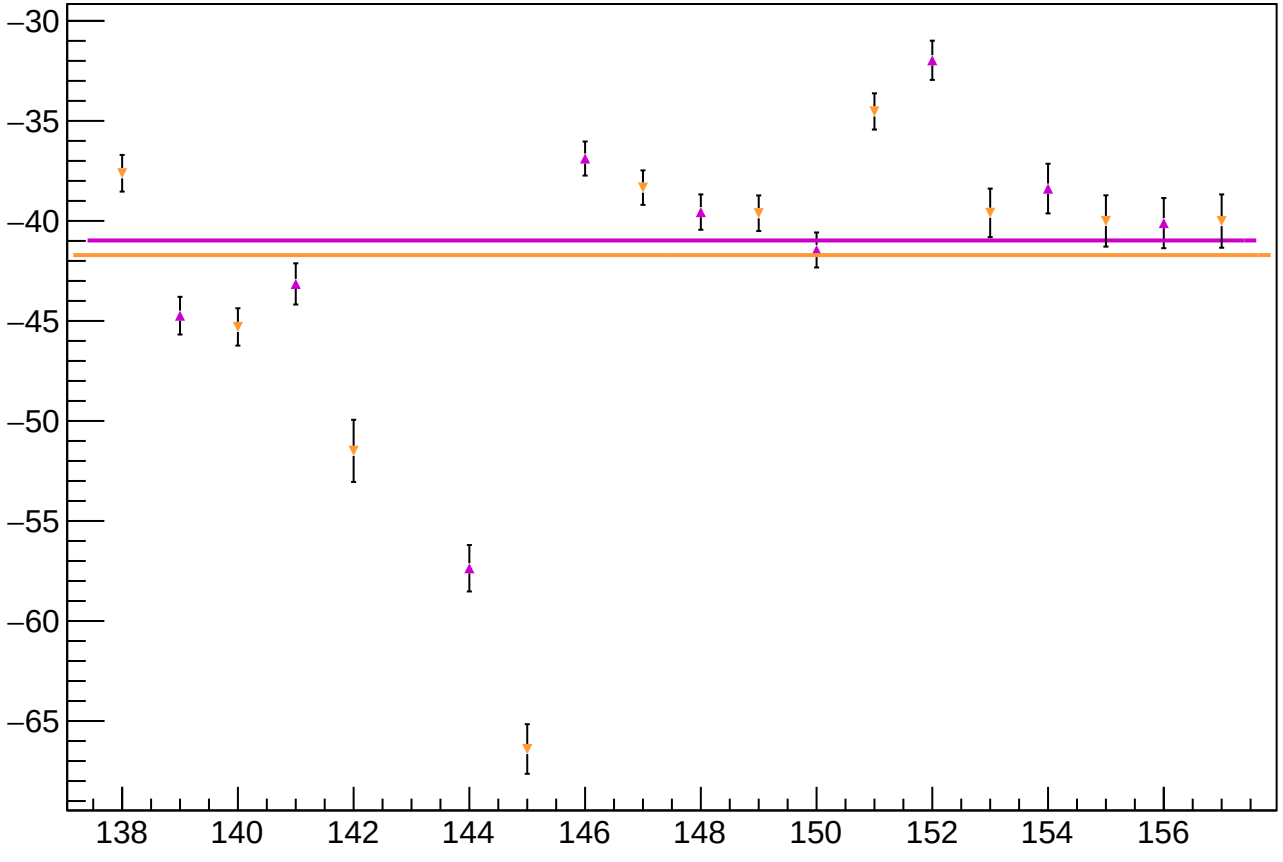
Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.009+/-0.001 χ^2/NDF:42.1/24

Out: -0.008+/-0.001 χ^2/NDF:175.5/27

All: -0.009+/-0.001 χ^2/NDF: 217.9/52

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: -41.709+/-0.332 χ^2/NDF:561.3/9

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

Left In: -40.977+/-0.331 χ^2/NDF:335.1/8

Left: -41.343+/-0.234 χ^2/NDF: 898.8/18

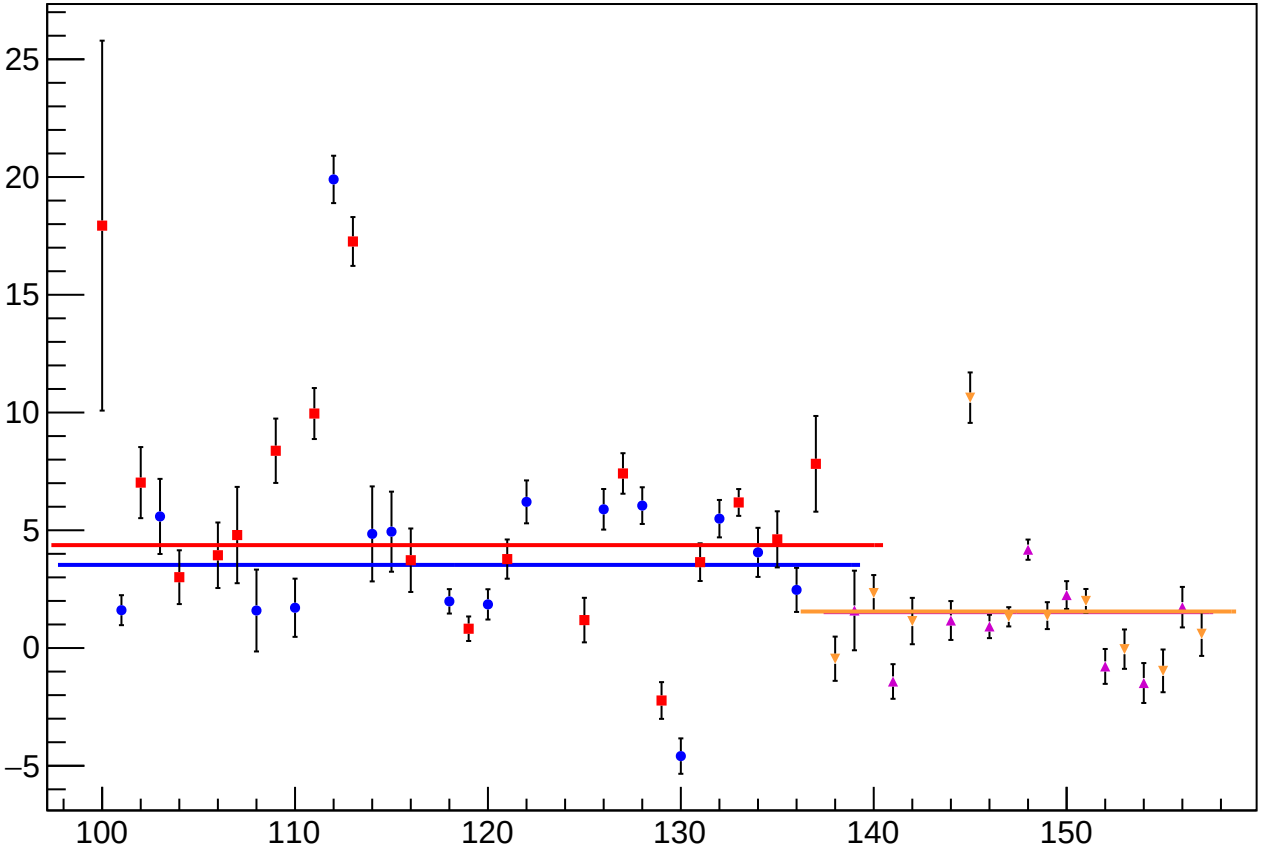
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -40.977+/-0.331 χ^2/NDF:335.1/8

Out: -41.709+/-0.332 χ^2/NDF:561.3/9

All: -41.343+/-0.234 χ^2/NDF: 898.8/18

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: 1.551+/-0.216 χ^2/NDF:91.2/9

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.523+/-0.220 χ^2/NDF:79.8/8

Left: 1.537+/-0.154 χ^2/NDF: 171.0/18

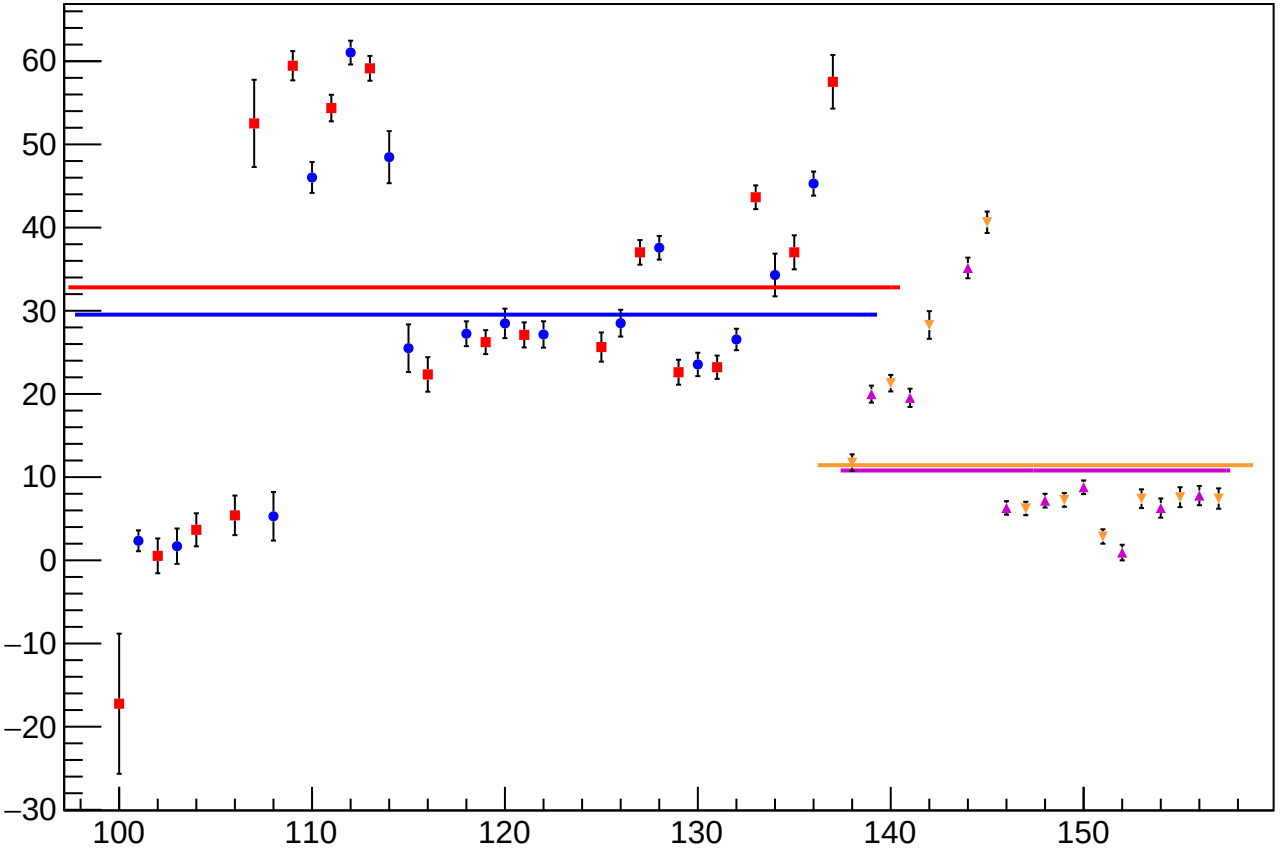
Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.541+/-0.155 χ^2/NDF:568.4/24

Out: 2.899+/-0.156 χ^2/NDF:526.6/27

All: 2.719+/-0.110 χ^2/NDF: 1097.6/52

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: 11.436+/-0.325 χ^2/NDF:915.7/9

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 10.799+/-0.324 χ^2/NDF:717.8/8

Left: 11.117+/-0.229 χ^2/NDF: 1635.5/18

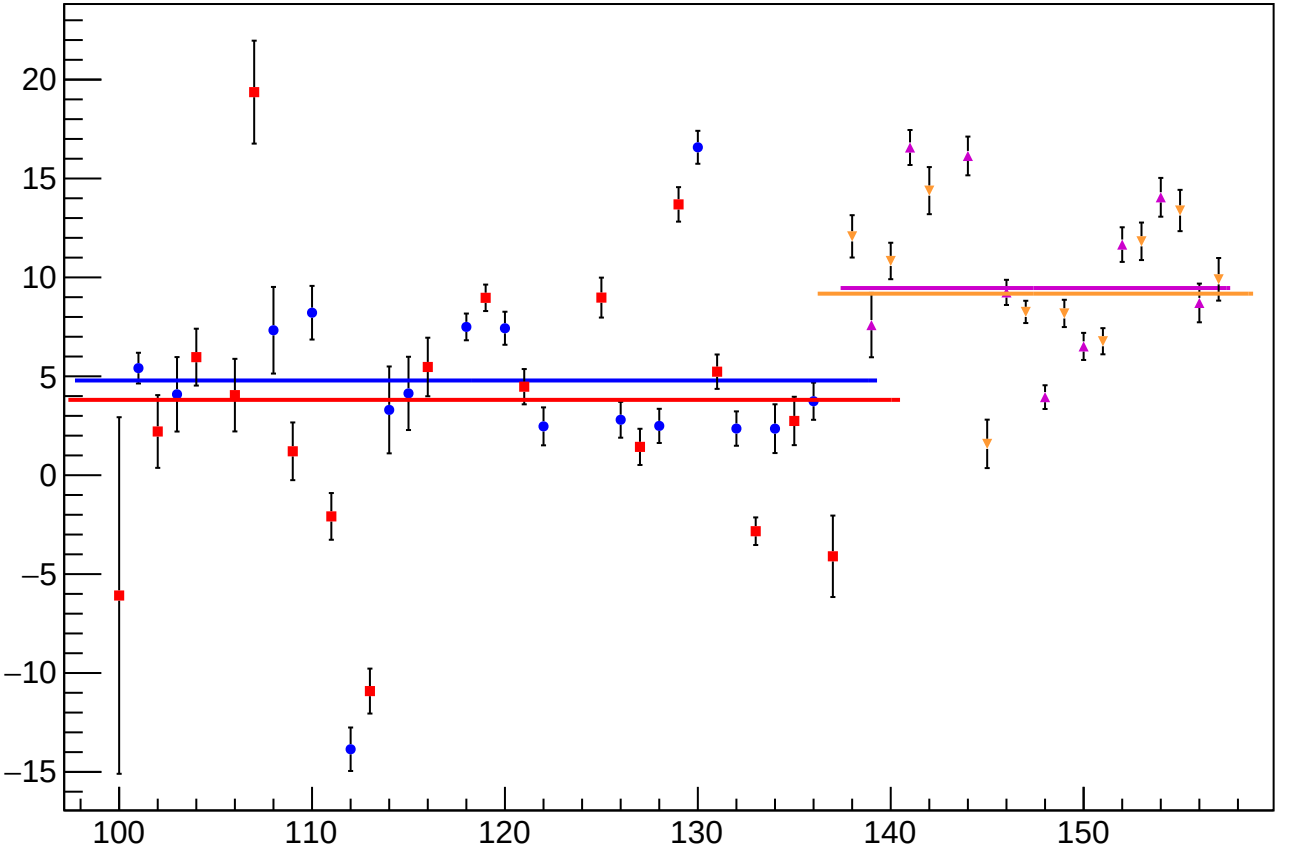
Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 17.856+/-0.256 χ^2/NDF:3472.6/24

Out: 19.374+/-0.258 χ^2/NDF:4182.4/27

All: 18.609+/-0.182 χ^2/NDF: 7672.5/52

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: 9.178+/-0.269 χ^2/NDF:110.6/9

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 9.463+/-0.272 χ^2/NDF:244.4/8

Left: 9.319+/-0.191 χ^2/NDF: 355.6/18

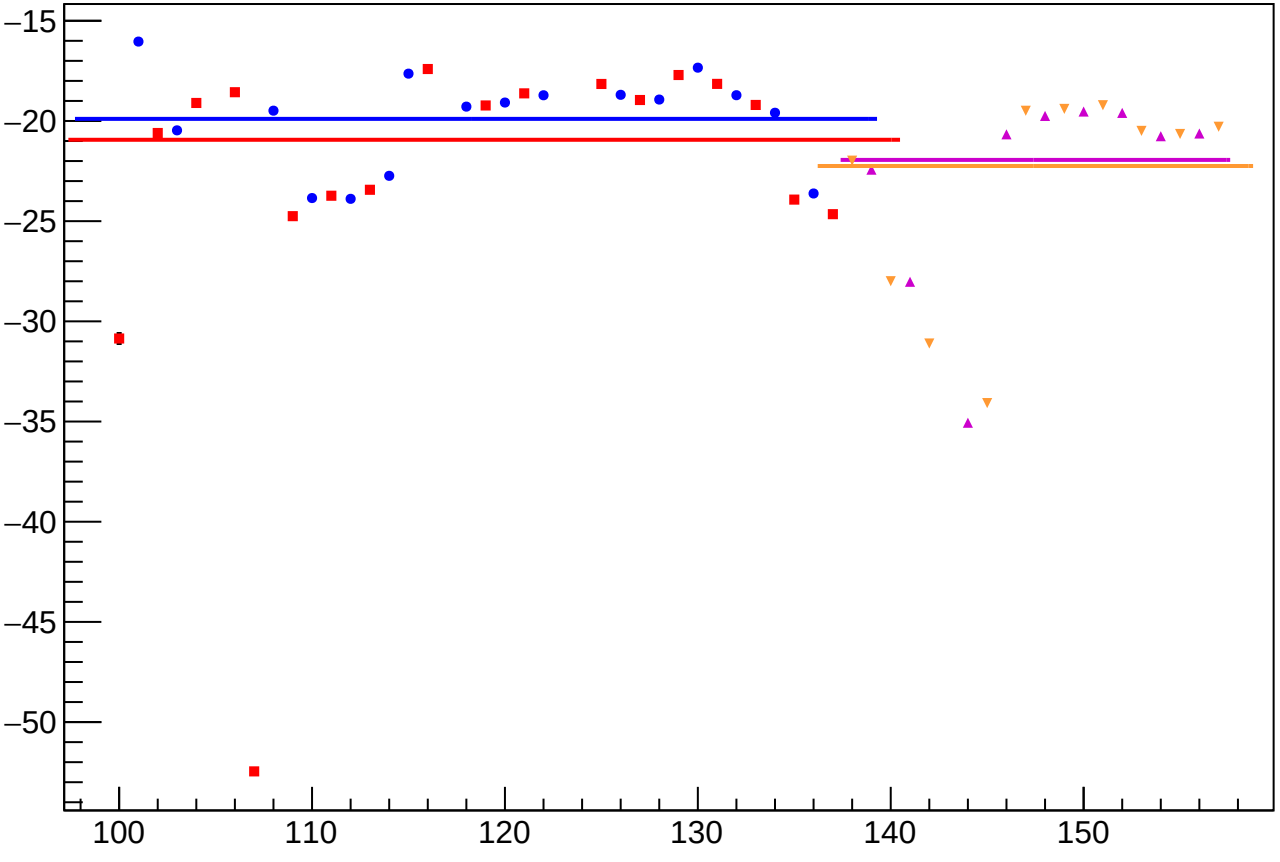
Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 6.937+/-0.185 χ^2/NDF:957.4/24

Out: 6.395+/-0.186 χ^2/NDF:885.4/27

All: 6.668+/-0.131 χ^2/NDF: 1847.1/52

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: -22.247+/-0.013 χ^2/NDF:112896.9/9

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -21.943+/-0.013 χ^2/NDF:92761.4/8

Left: -22.093+/-0.009 χ^2/NDF: 205929.6/18

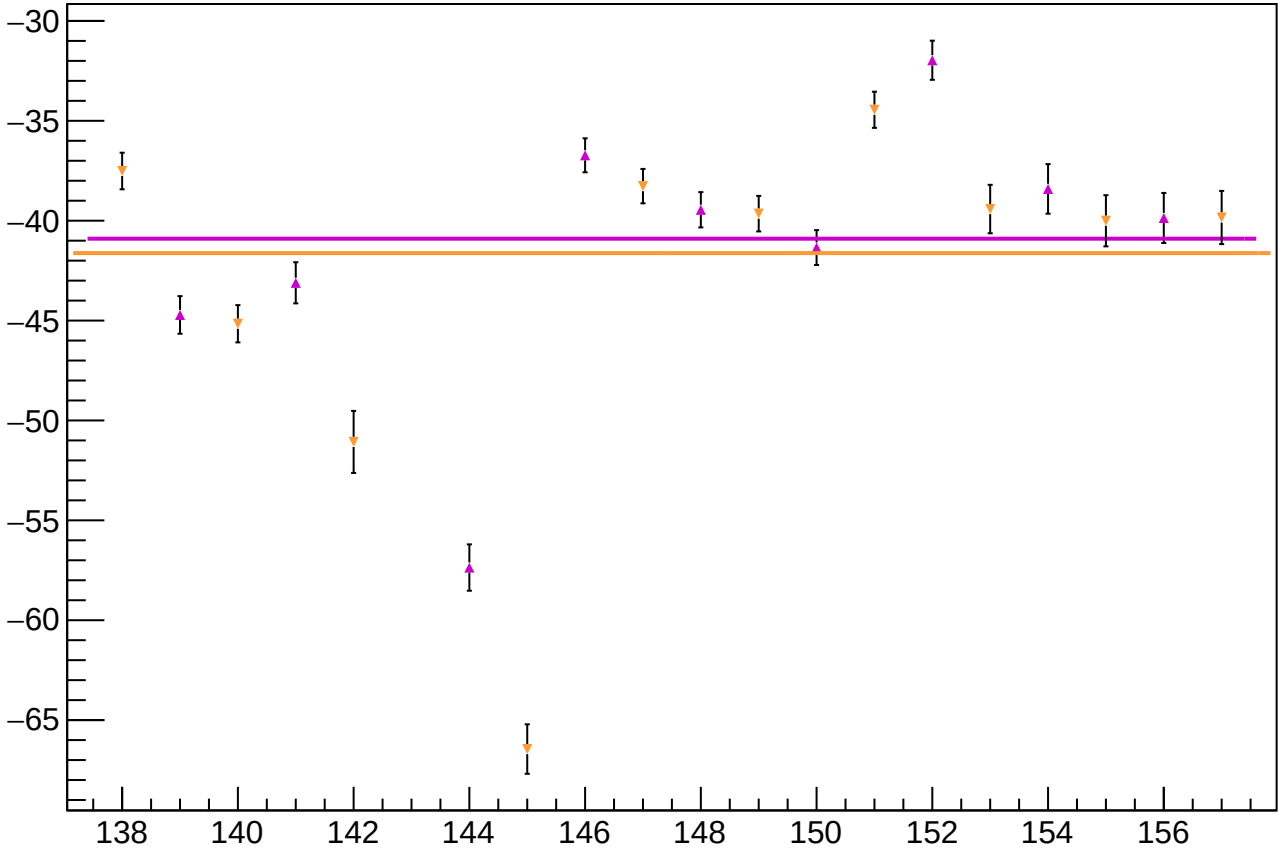
Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -21.104+/-0.010 χ^2/NDF:129050.2/24

Out: -21.707+/-0.010 χ^2/NDF:211035.8/27

All: -21.401+/-0.007 χ^2/NDF: 341888.6/52

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: -41.622+/-0.332 χ^2/NDF:562.9/9

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

Left In: -40.900+/-0.331 χ^2/NDF:337.4/8

Left: -41.261+/-0.234 χ^2/NDF: 902.7/18

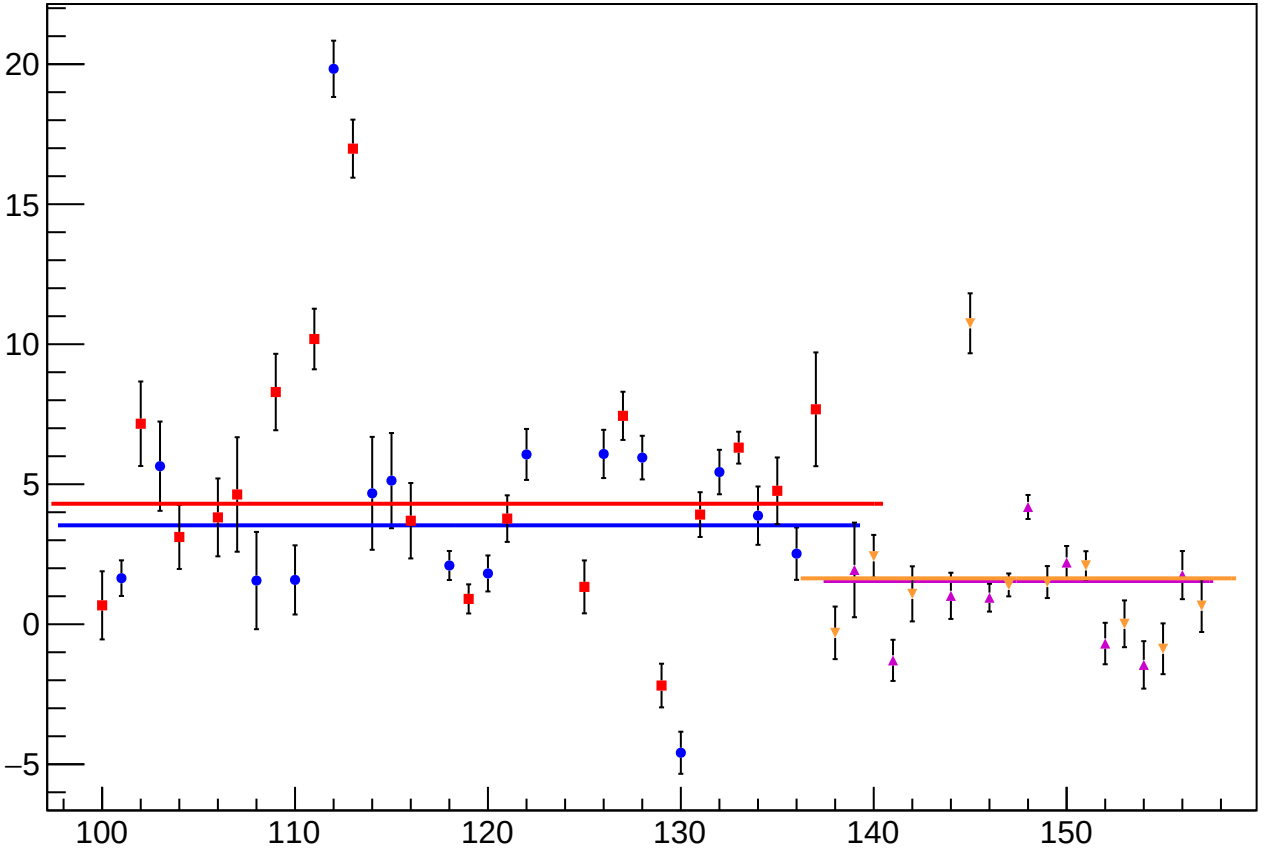
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -40.900+/-0.331 χ^2/NDF:337.4/8

Out: -41.622+/-0.332 χ^2/NDF:562.9/9

All: -41.261+/-0.234 χ^2/NDF: 902.7/18

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: 1.640+/-0.216 χ^2/NDF:91.8/9

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.545+/-0.220 χ^2/NDF:77.7/8

Left: 1.593+/-0.154 χ^2/NDF: 169.6/18

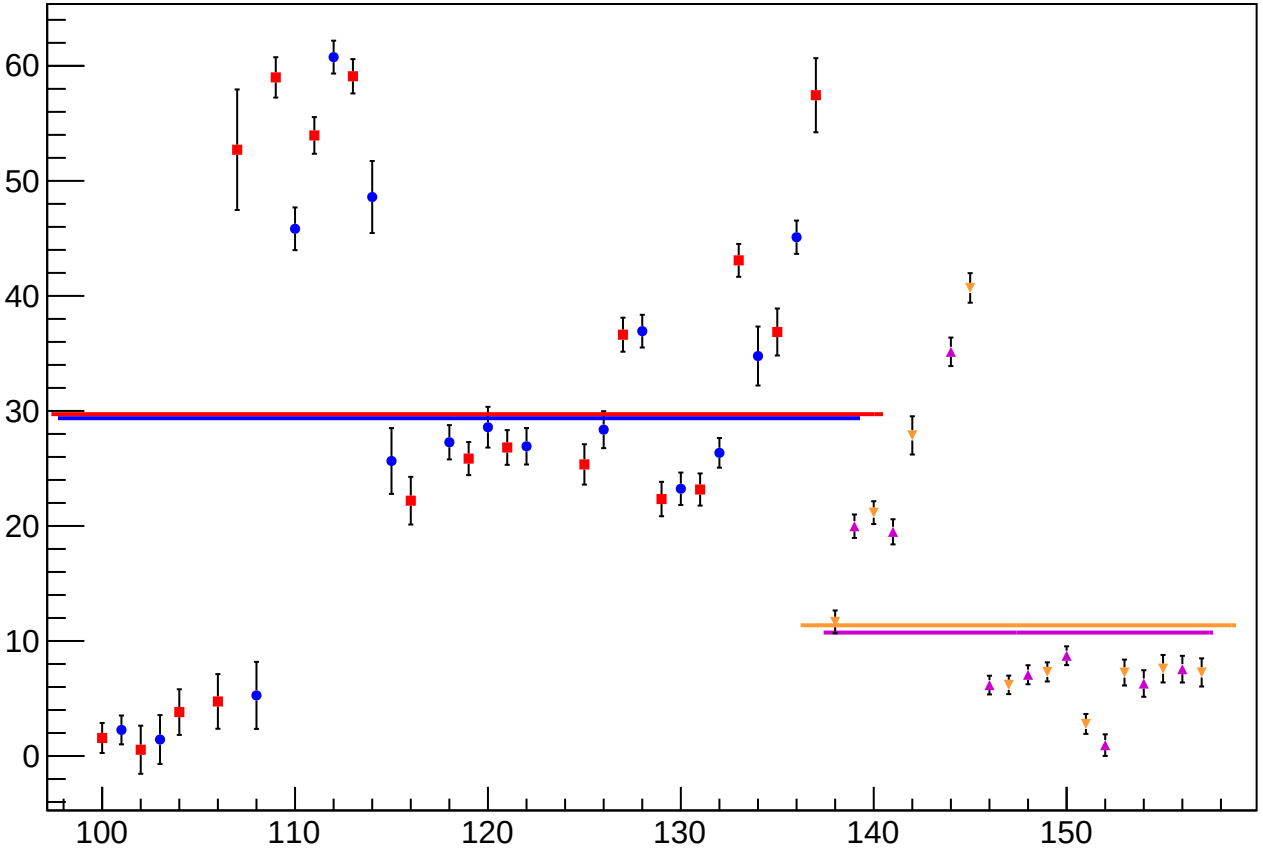
Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 2.553+/-0.155 χ^2/NDF:562.2/24

Out: 2.936+/-0.155 χ^2/NDF:518.8/27

All: 2.744+/-0.109 χ^2/NDF: 1084.1/52

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: 11.363+/-0.325 χ^2/NDF:914.7/9

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 10.731+/-0.324 χ^2/NDF:721.6/8

Left: 11.046+/-0.229 χ^2/NDF: 1638.2/18

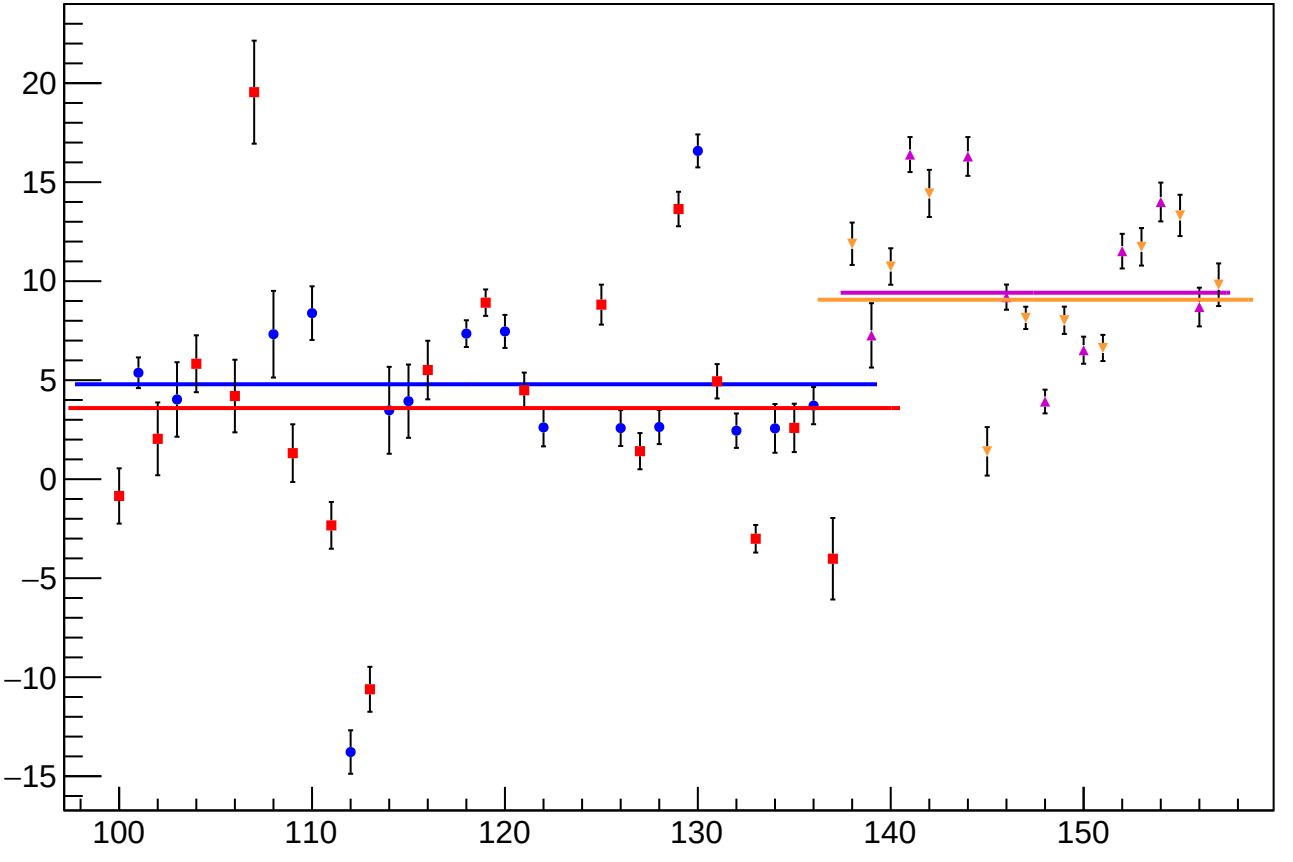
Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 17.750+/-0.256 χ^2/NDF:3458.4/24

Out: 18.602+/-0.253 χ^2/NDF:4304.1/27

All: 18.181+/-0.180 χ^2/NDF: 7768.1/52

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: 9.063+/-0.268 χ^2/NDF:113.4/9

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 9.417+/-0.272 χ^2/NDF:243.9/8

Left: 9.238+/-0.191 χ^2/NDF: 358.2/18

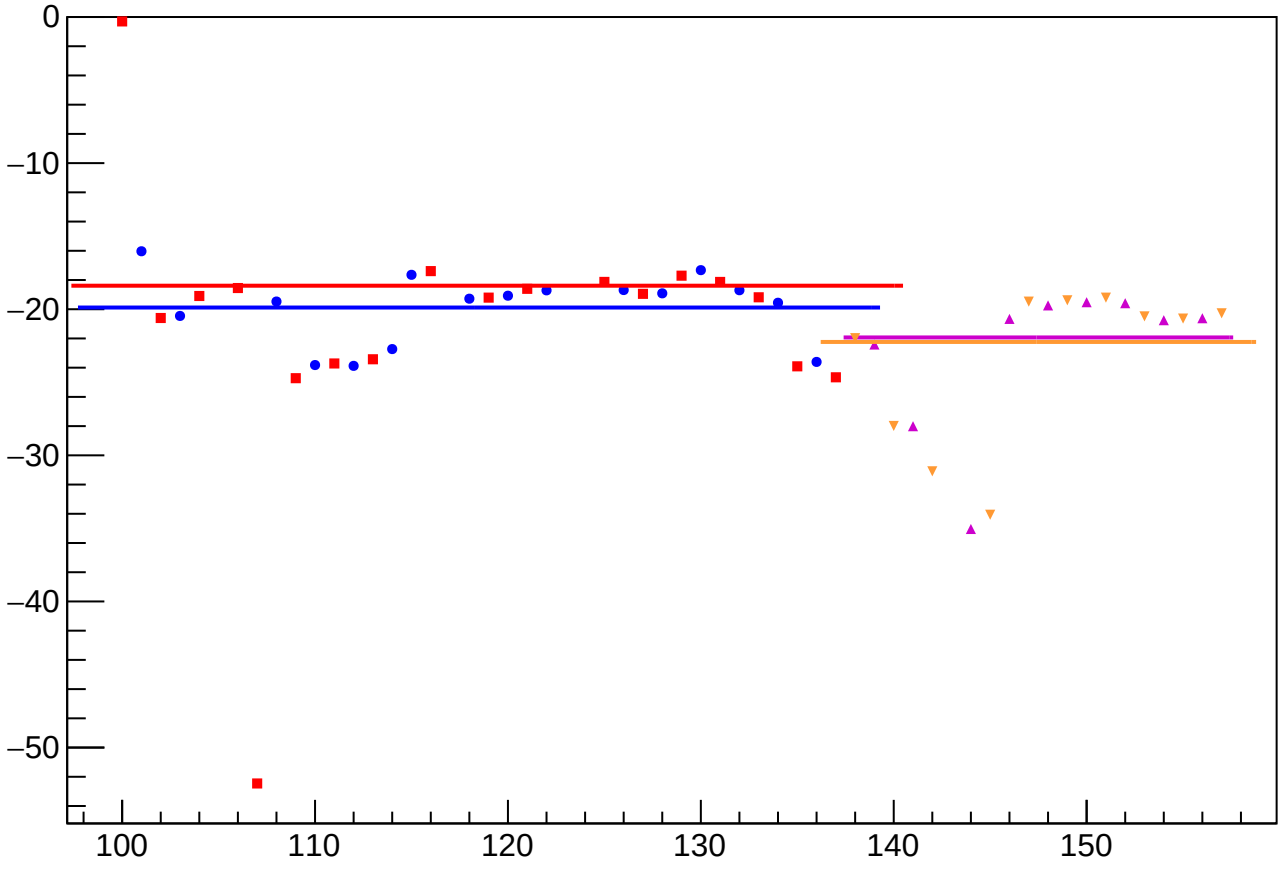
Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 6.919+/-0.185 χ^2/NDF:949.7/24

Out: 6.181+/-0.185 χ^2/NDF:905.6/27

All: 6.550+/-0.131 χ^2/NDF: 1863.3/52

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: -22.239+/-0.013 χ^2/NDF:112967.8/9

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -21.932+/-0.013 χ^2/NDF:92712.8/8

Left: -22.083+/-0.009 χ^2/NDF: 205957.3/18

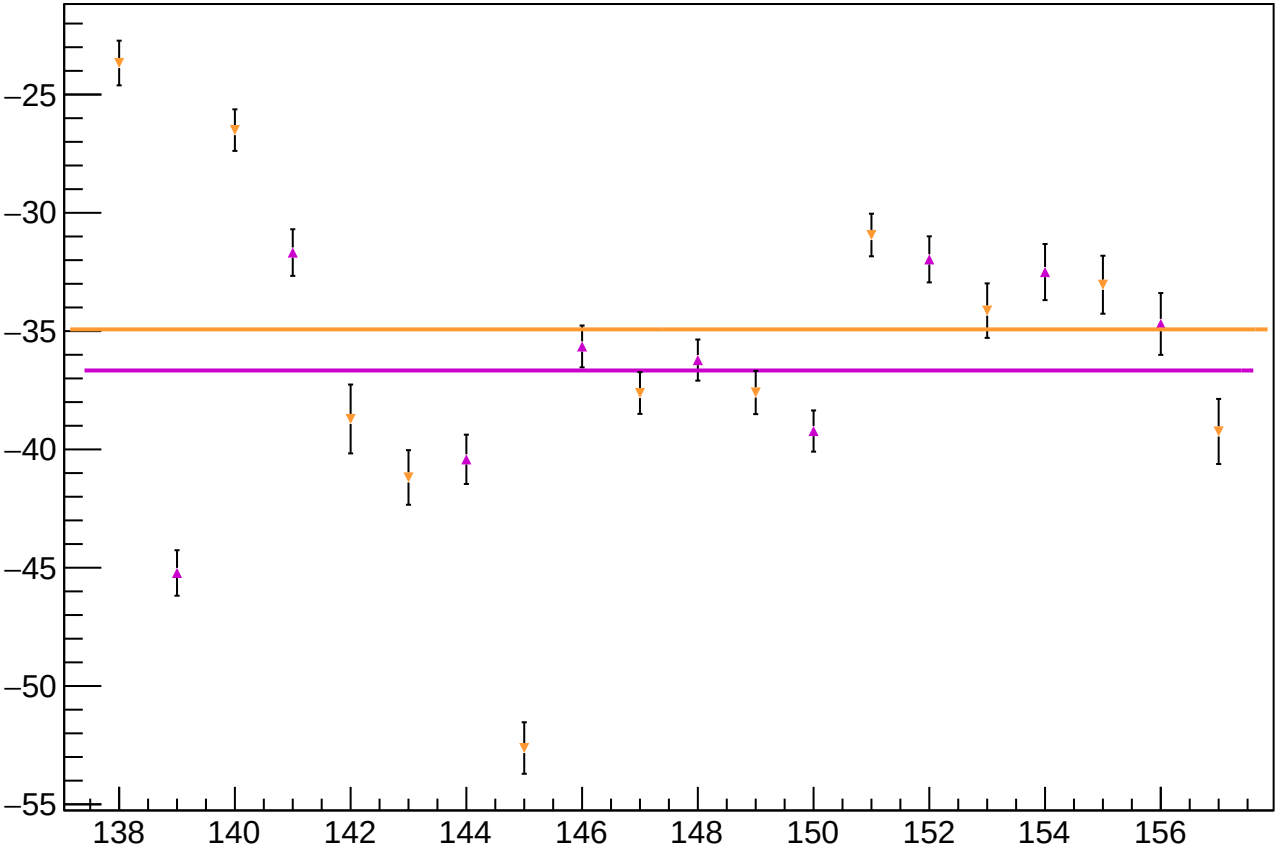
Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -21.093+/-0.010 χ^2/NDF:129011.6/24

Out: -20.529+/-0.010 χ^2/NDF:452131.2/27

All: -20.807+/-0.007 χ^2/NDF: 582765.4/52

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: -34.927+/-0.314 χ^2/NDF:584.3/10

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

Left In: -36.663+/-0.328 χ^2/NDF:165.8/8

Left: -35.758+/-0.227 χ^2/NDF: 764.7/19

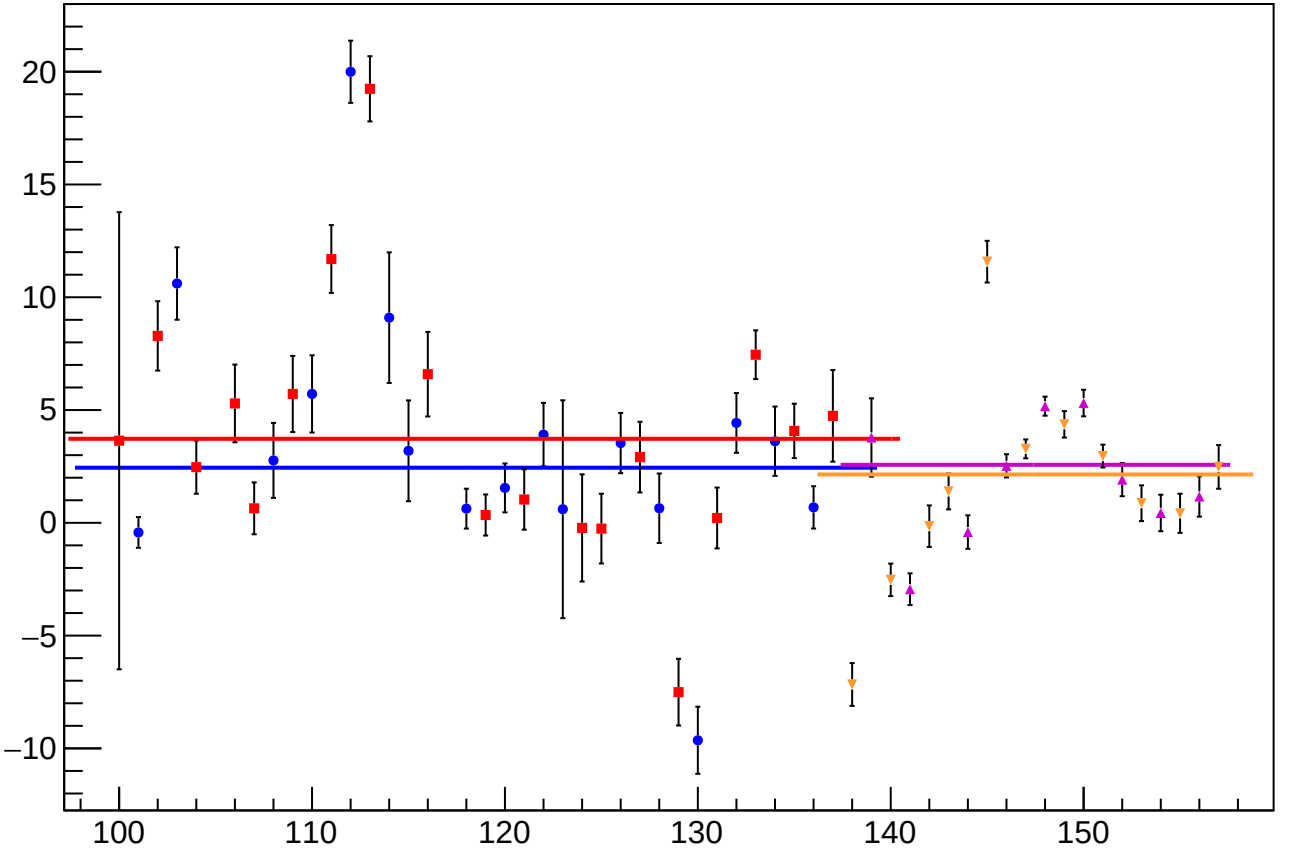
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.663+/-0.328 χ^2/NDF:165.8/8

Out: -34.927+/-0.314 χ^2/NDF:584.3/10

All: -35.758+/-0.227 χ^2/NDF: 764.7/19

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: 2.144+/-0.206 χ^2/NDF:280.3/10

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: 2.572+/-0.218 χ^2/NDF:148.1/8

Left: 2.347+/-0.150 χ^2/NDF: 430.4/19

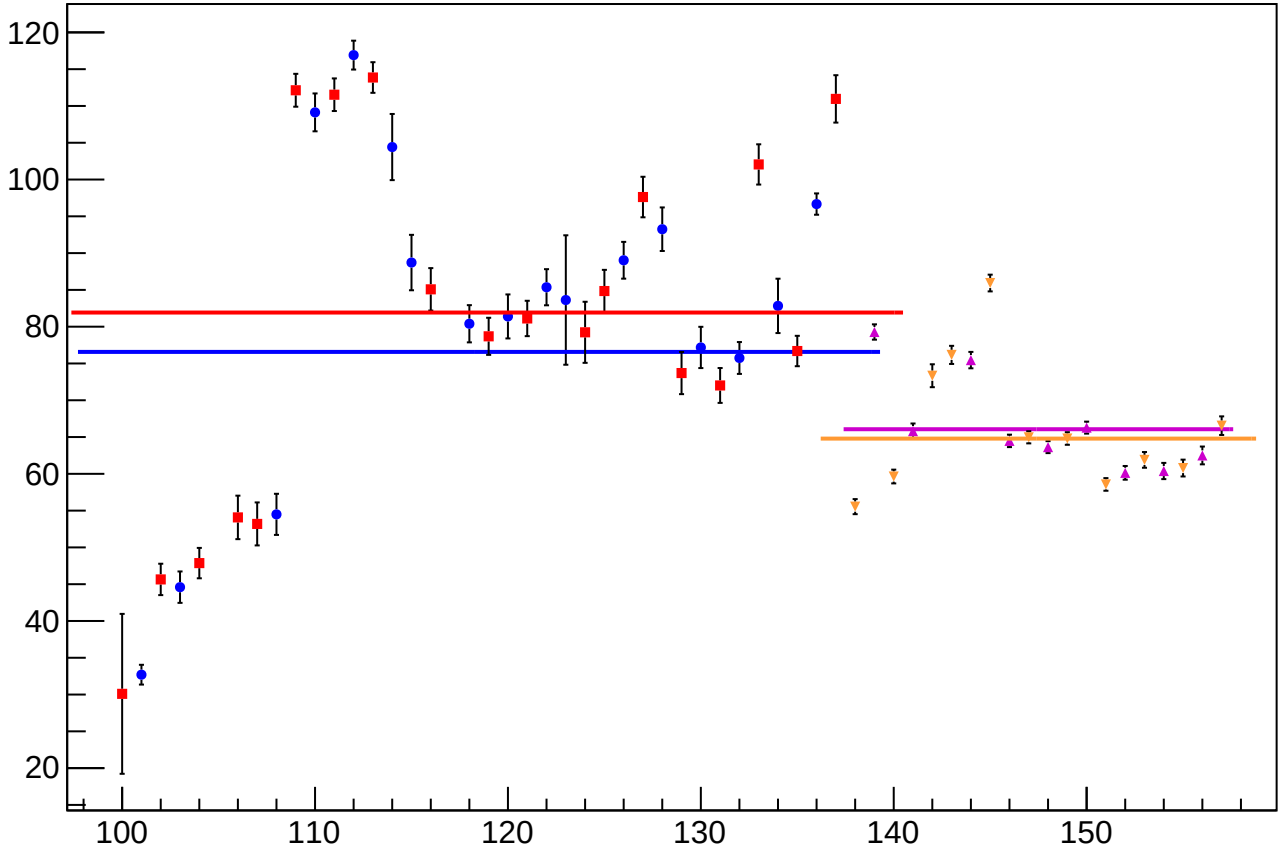
Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: 2.530+/-0.178 χ^2/NDF:443.5/25

Out: 2.595+/-0.174 χ^2/NDF:566.1/29

All: 2.563+/-0.125 χ^2/NDF: 1009.7/55

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: 64.788+/-0.310 χ^2/NDF:647.0/10

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 66.064+/-0.321 χ^2/NDF:320.3/8

Left: 65.404+/-0.223 χ^2/NDF: 975.5/19

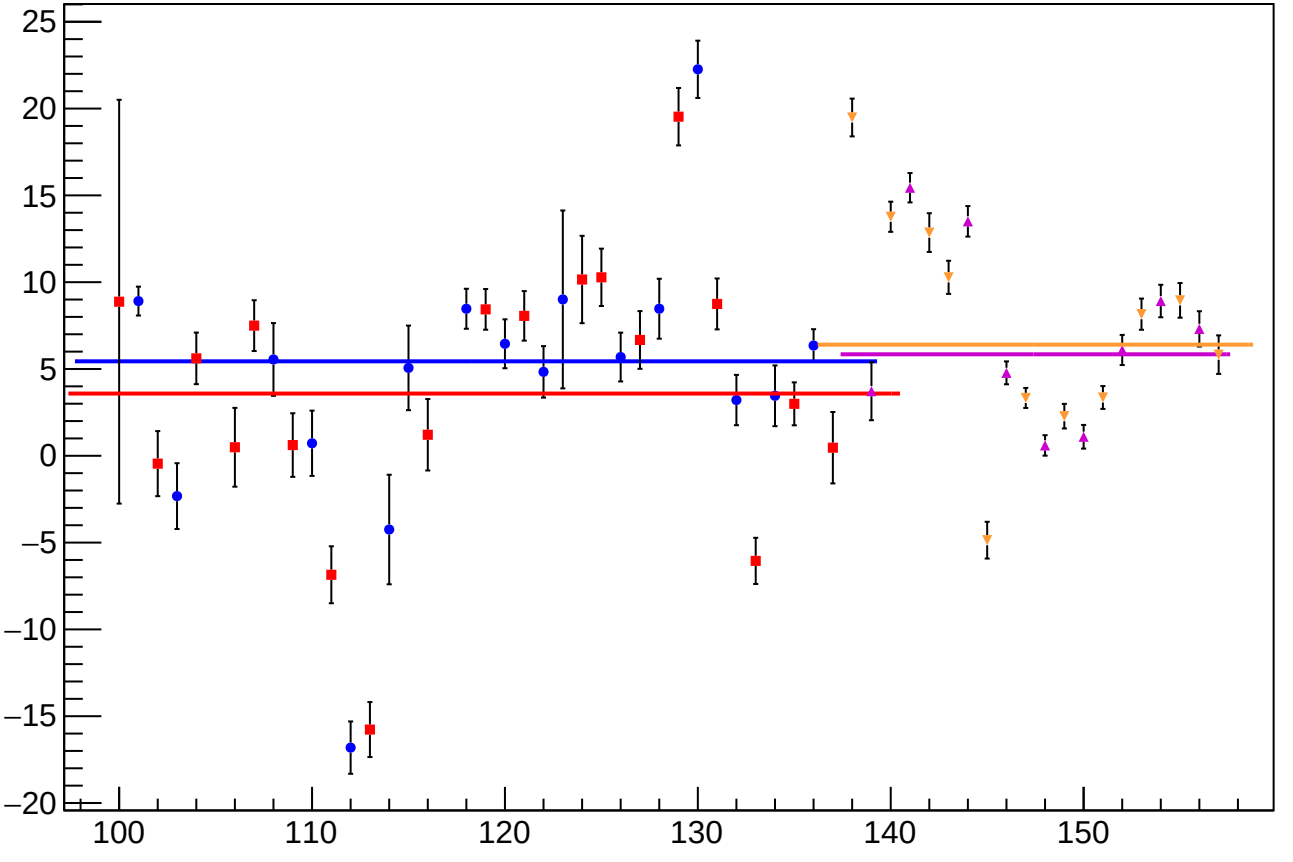
Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 68.571+/-0.280 χ^2/NDF:2829.7/25

Out: 68.478+/-0.275 χ^2/NDF:2875.1/29

All: 68.524+/-0.196 χ^2/NDF: 5704.9/55

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: 6.402+/-0.255 χ^2/NDF:473.9/10

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 5.846+/-0.269 χ^2/NDF:349.3/8

Left: 6.139+/-0.185 χ^2/NDF: 825.5/19

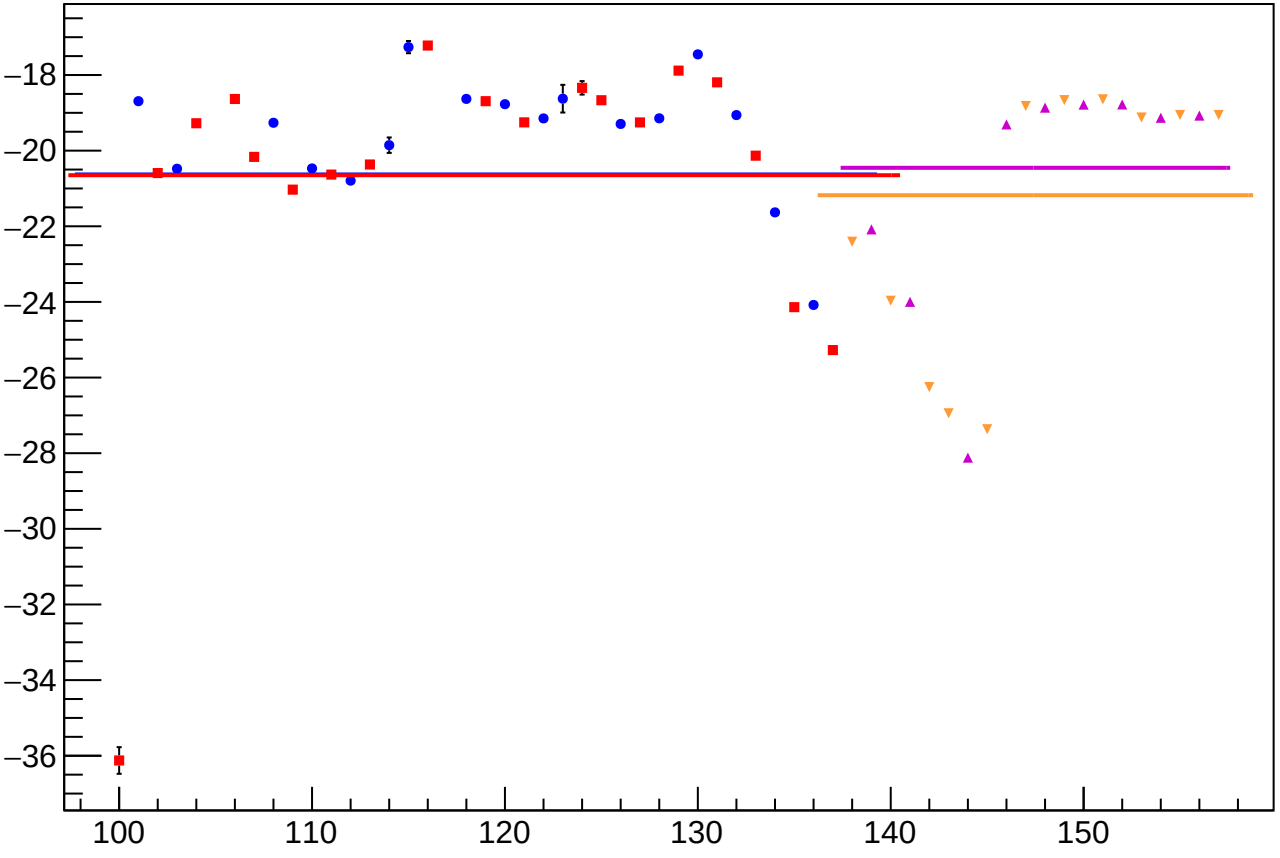
Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 5.700+/-0.215 χ^2/NDF:737.6/25

Out: 5.510+/-0.211 χ^2/NDF:935.7/29

All: 5.603+/-0.151 χ^2/NDF: 1673.7/55

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: -21.179+/-0.013 χ^2/NDF:65859.9/10

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -20.454+/-0.013 χ^2/NDF:43299.0/8

Left: -20.825+/-0.009 χ^2/NDF: 110787.2/19

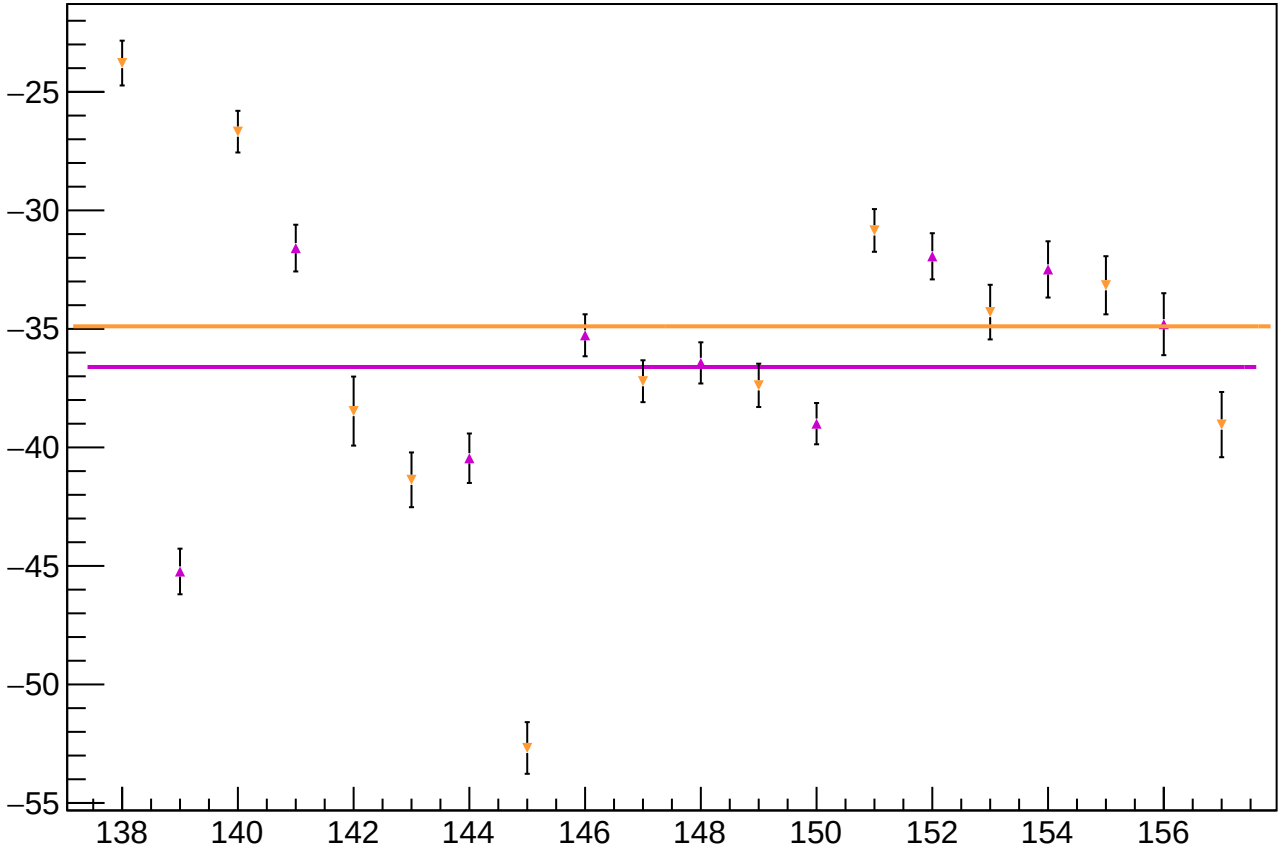
Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -20.508+/-0.011 χ^2/NDF:55847.7/25

Out: -21.023+/-0.011 χ^2/NDF:80268.9/29

All: -20.769+/-0.008 χ^2/NDF: 137291.7/55

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: -34.891+/-0.314 χ^2/NDF:575.1/10

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

Left In: -36.607+/-0.328 χ^2/NDF:166.6/8

Left: -35.712+/-0.227 χ^2/NDF: 756.0/19

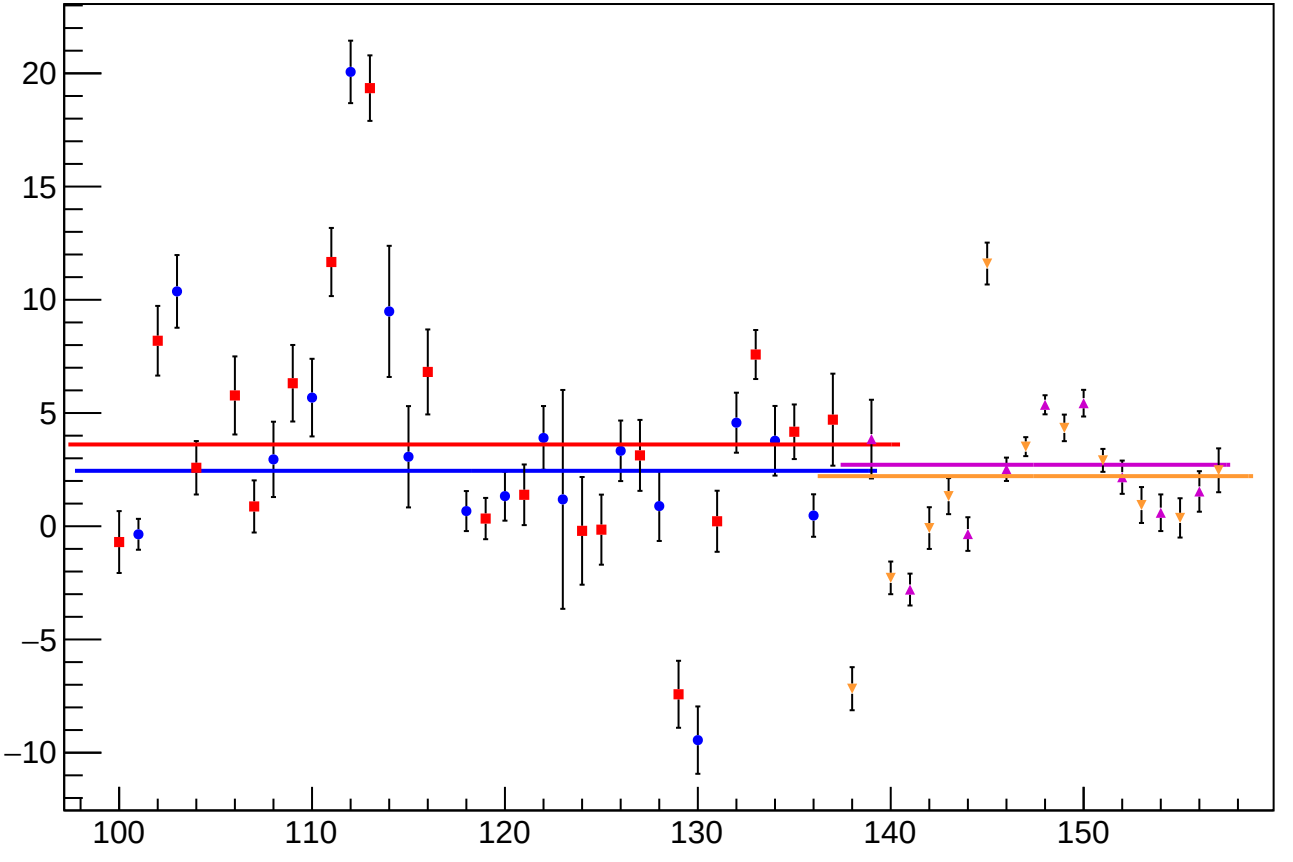
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.607+/-0.328 χ^2/NDF:166.6/8

Out: -34.891+/-0.314 χ^2/NDF:575.1/10

All: -35.712+/-0.227 χ^2/NDF: 756.0/19

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: 2.213+/-0.206 χ^2/NDF:278.7/10

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: 2.714+/-0.218 χ^2/NDF:148.9/8

Left: 2.450+/-0.150 χ^2/NDF: 430.3/19

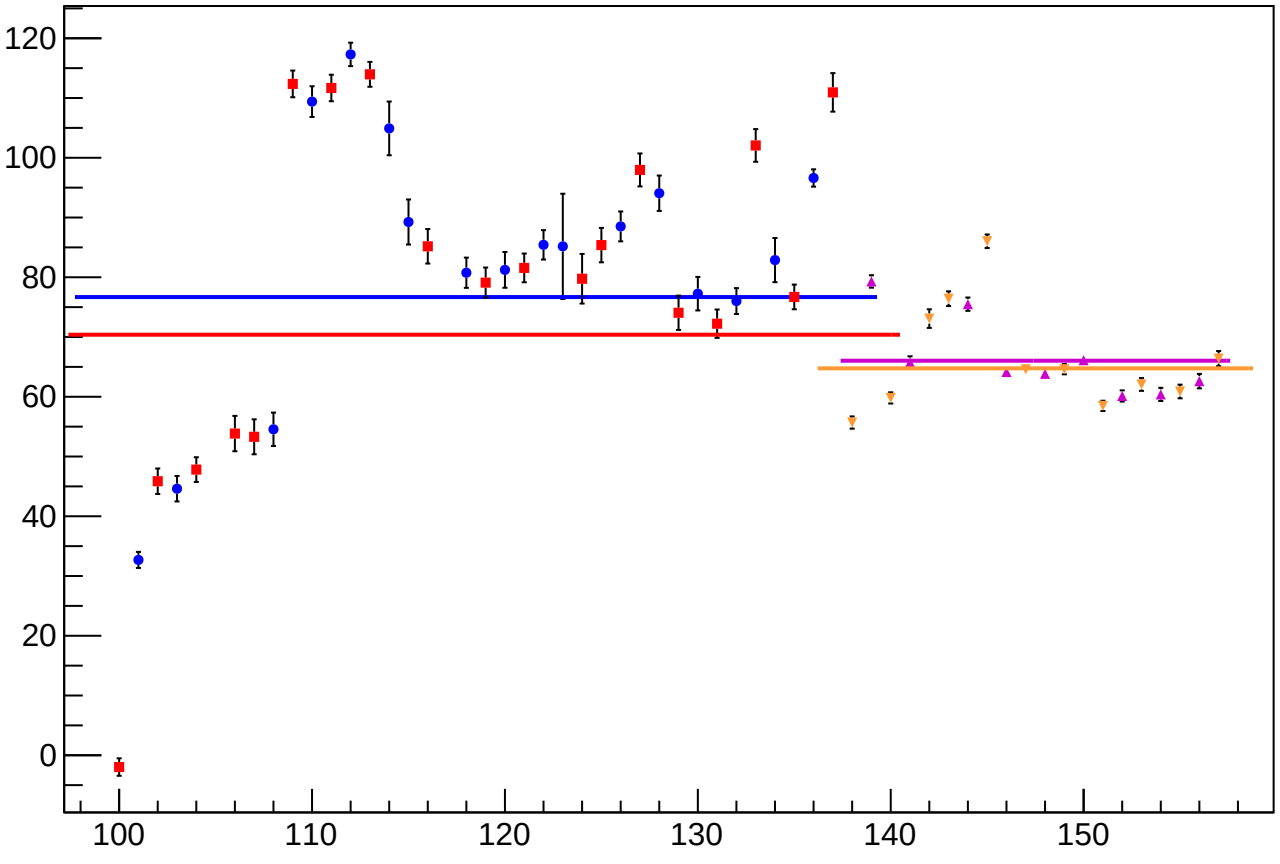
Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: 2.627+/-0.178 χ^2/NDF:442.8/25

Out: 2.627+/-0.173 χ^2/NDF:571.6/29

All: 2.627+/-0.124 χ^2/NDF: 1014.4/55

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: 64.758+/-0.310 χ^2/NDF:646.5/10

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 66.032+/-0.321 χ^2/NDF:320.5/8

Left: 65.373+/-0.223 χ^2/NDF: 975.1/19

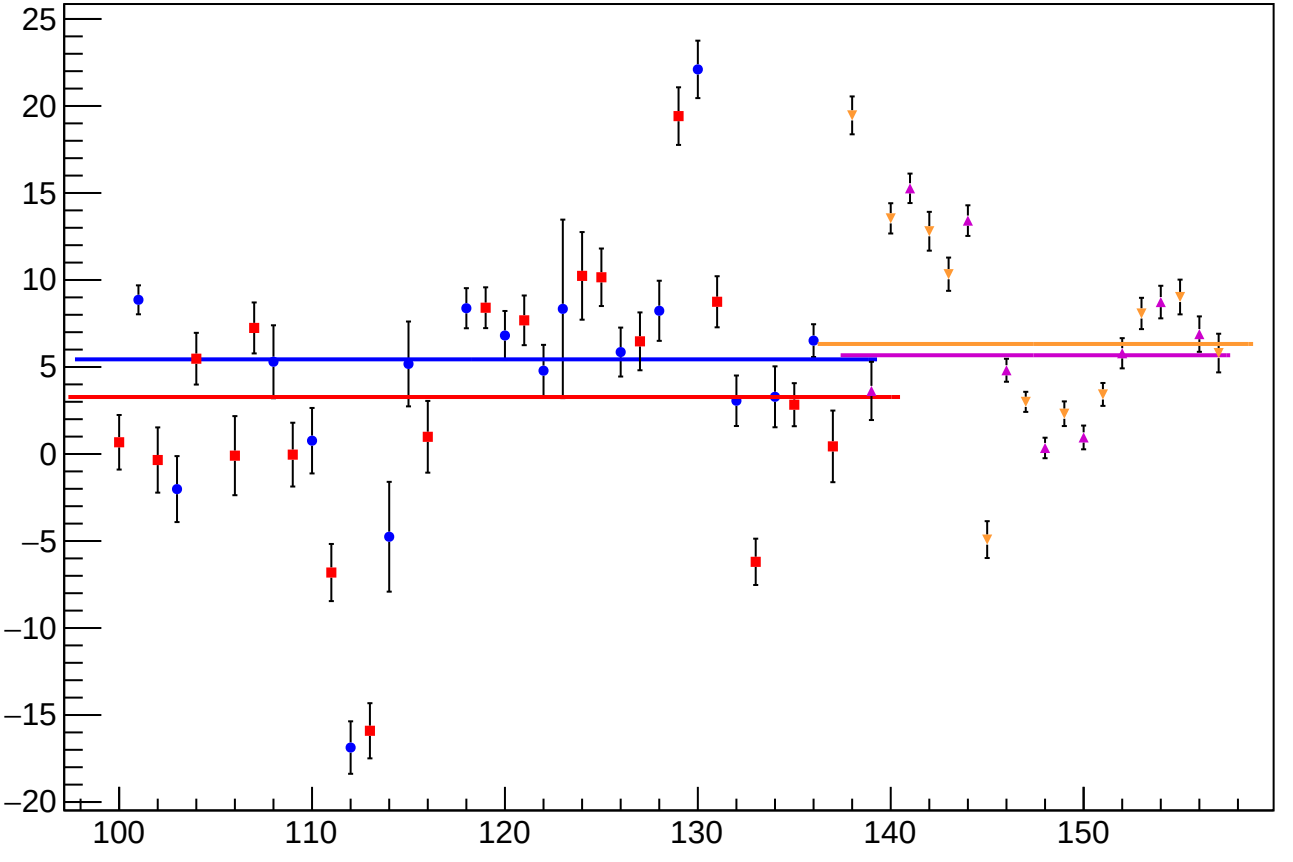
Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 68.575+/-0.280 χ^2/NDF:2848.2/25

Out: 66.118+/-0.270 χ^2/NDF:5117.1/29

All: 67.302+/-0.195 χ^2/NDF: 8005.1/55

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: 6.323+/-0.256 χ^2/NDF:474.5/10

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 5.675+/-0.269 χ^2/NDF:350.5/8

Left: 6.016+/-0.185 χ^2/NDF: 828.0/19

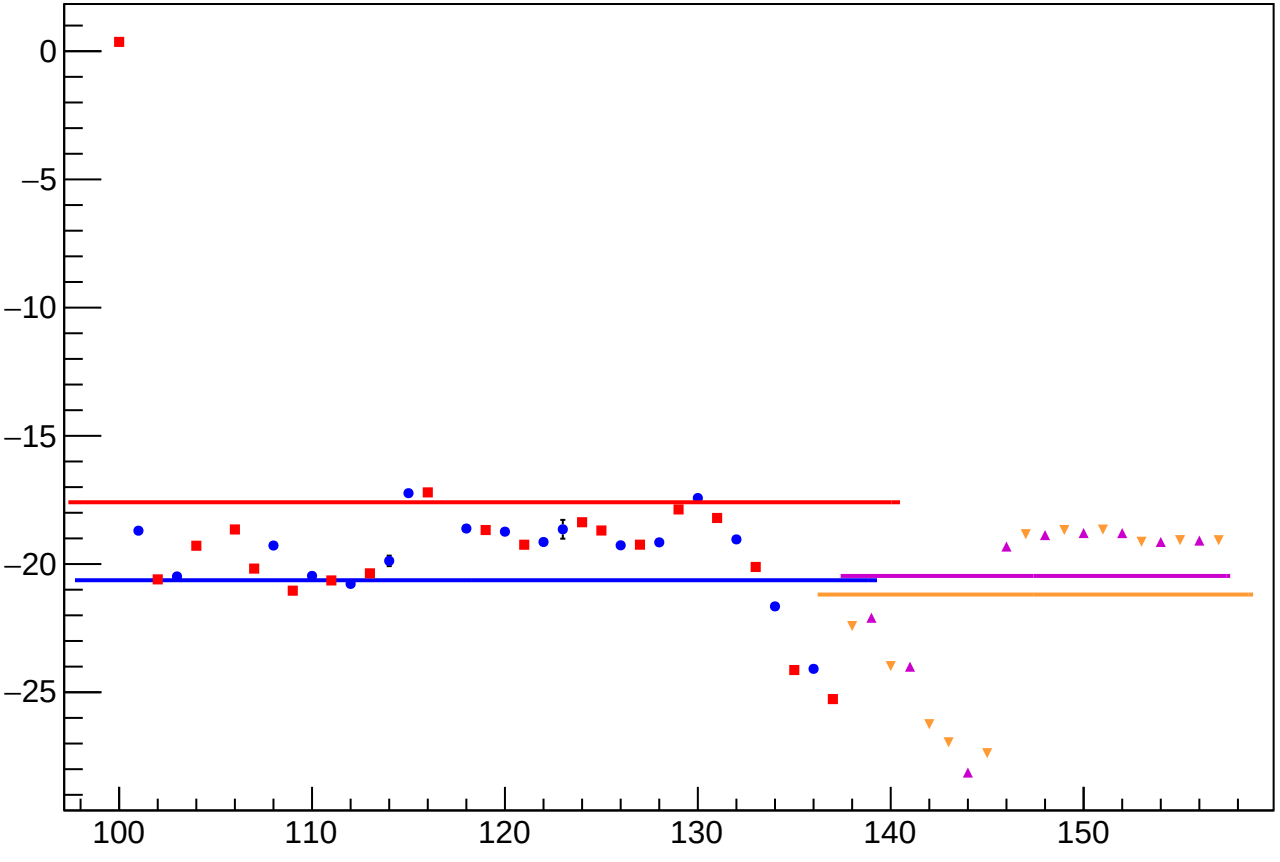
Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 5.590+/-0.215 χ^2/NDF:736.7/25

Out: 5.322+/-0.209 χ^2/NDF:947.0/29

All: 5.452+/-0.150 χ^2/NDF: 1684.5/55

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: -21.189+/-0.013 χ^2/NDF:65702.6/10

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -20.464+/-0.013 χ^2/NDF:43250.4/8

Left: -20.835+/-0.009 χ^2/NDF: 110580.9/19

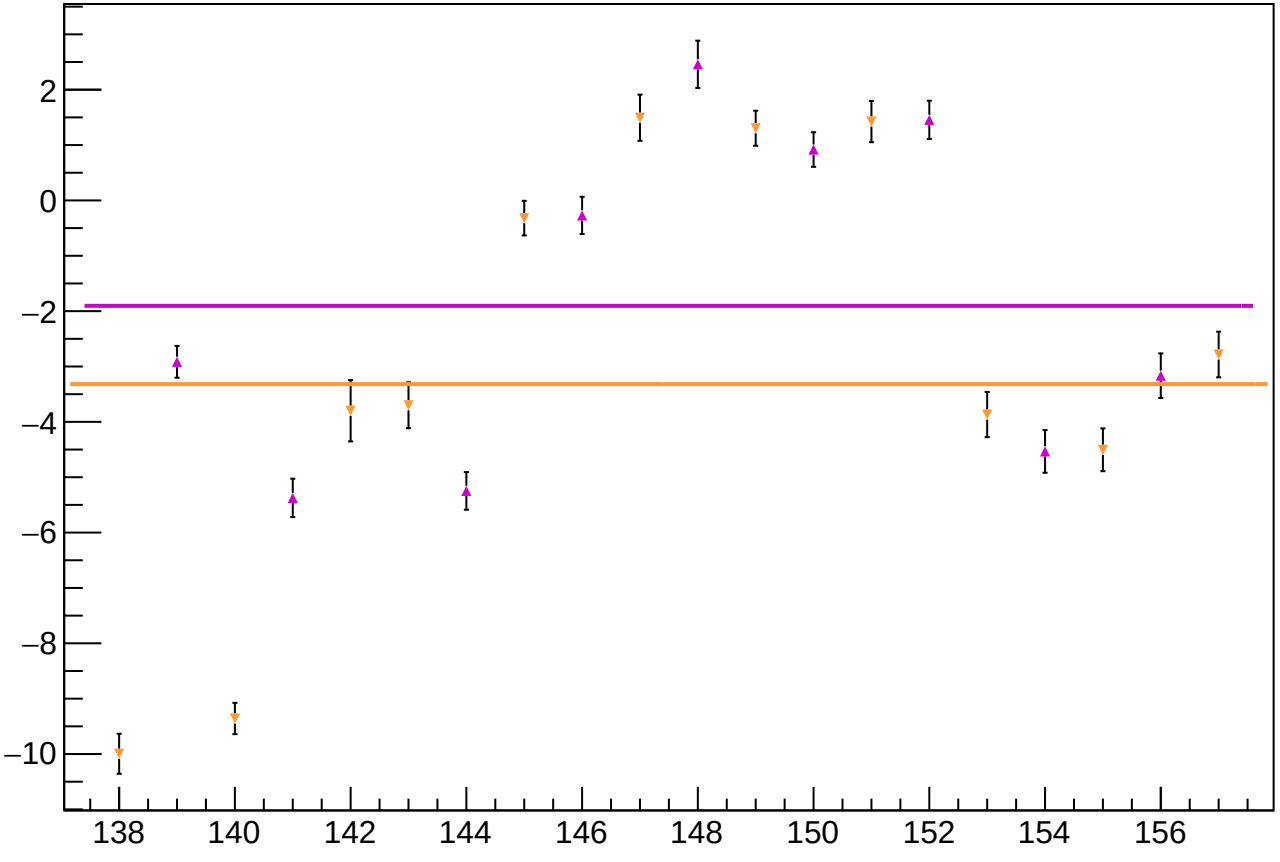
Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -20.515+/-0.011 χ^2/NDF:55833.6/25

Out: -20.012+/-0.010 χ^2/NDF:271237.5/29

All: -20.254+/-0.007 χ^2/NDF: 328216.9/55

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: -3.318+/-0.111 χ^2/NDF:1410.2/10

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

Left In: -1.904+/-0.116 χ^2/NDF:569.7/8

Left: -2.638+/-0.080 χ^2/NDF: 2057.6/19

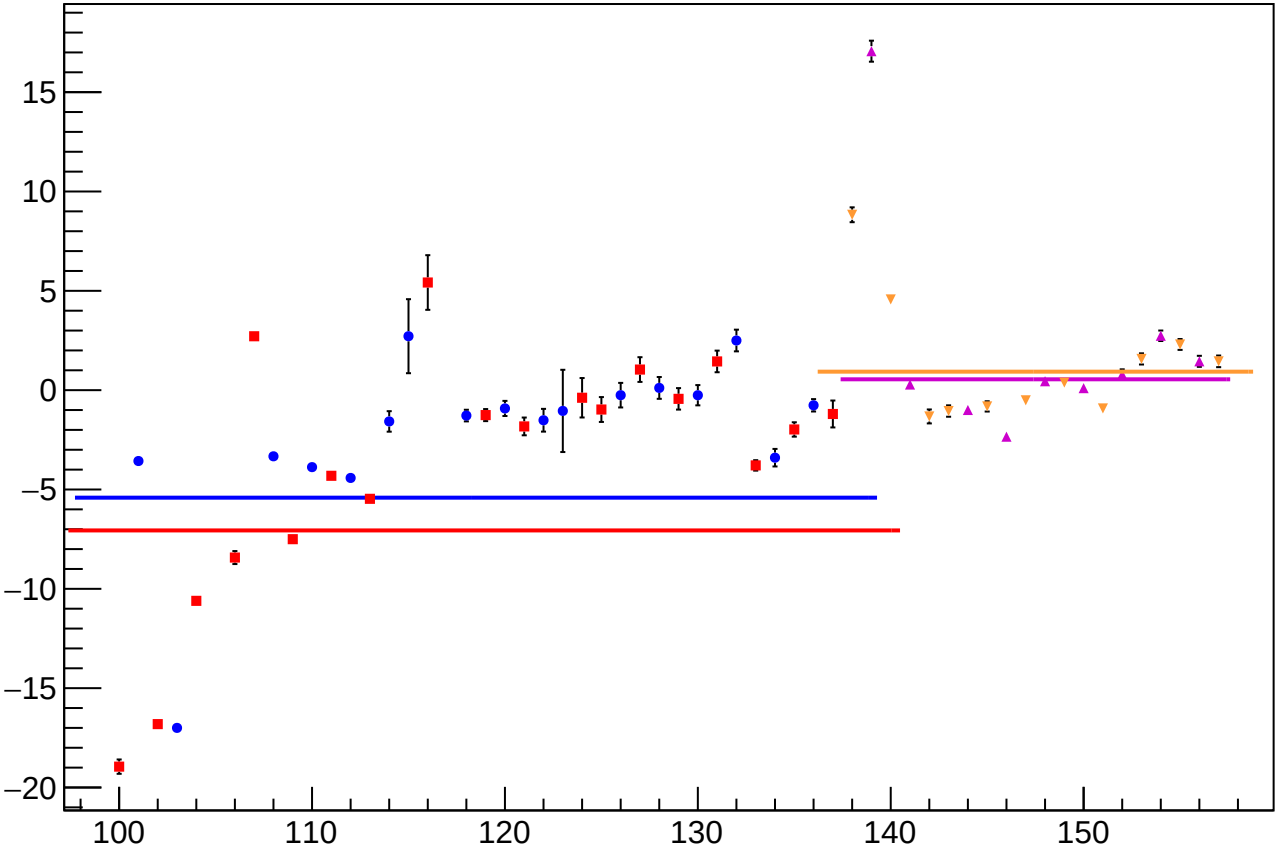
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.904+/-0.116 χ^2/NDF:569.7/8

Out: -3.318+/-0.111 χ^2/NDF:1410.2/10

All: -2.638+/-0.080 χ^2/NDF: 2057.6/19

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: 0.931+/-0.077 χ^2/NDF:980.0/10

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 0.546+/-0.083 χ^2/NDF:1284.2/8

Left: 0.752+/-0.057 χ^2/NDF: 2275.8/19

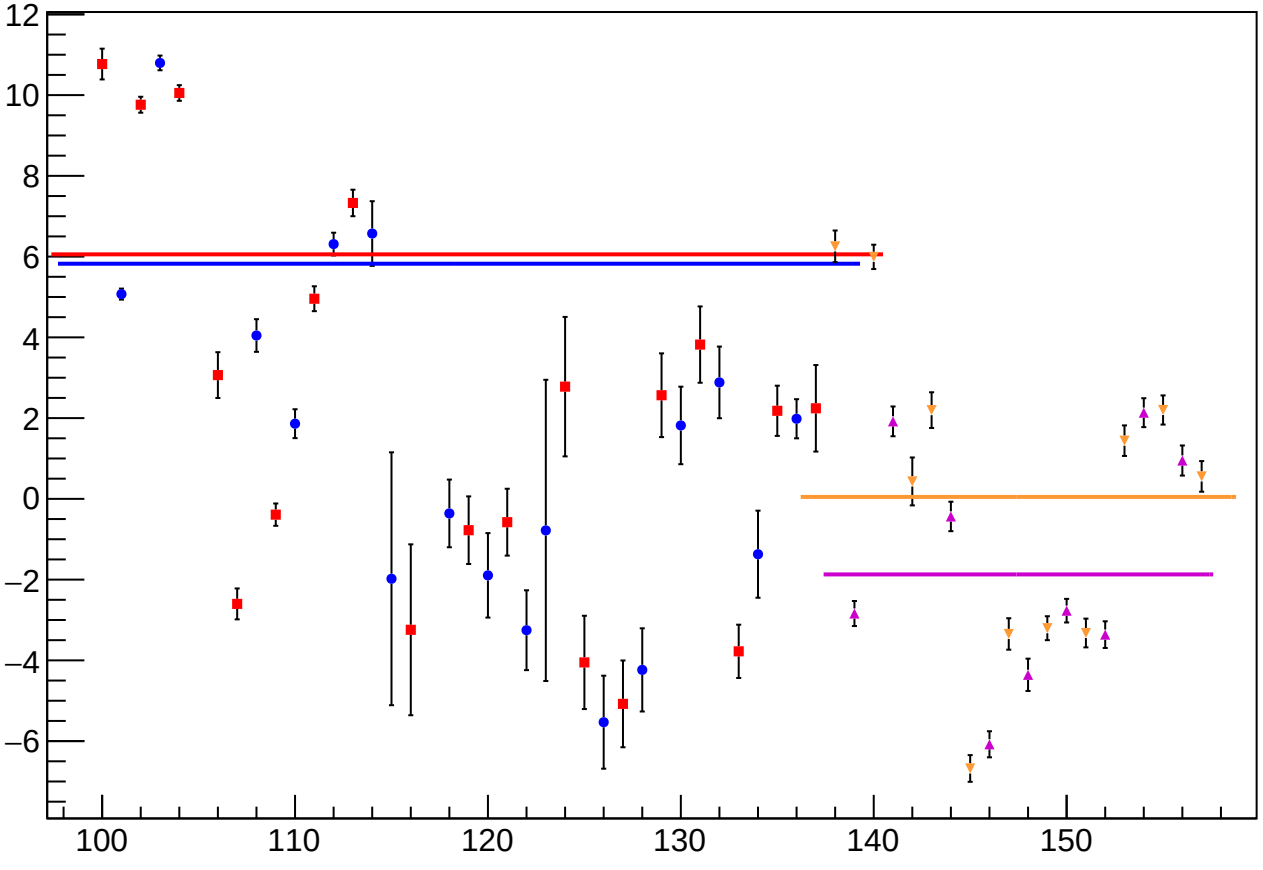
Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -3.604+/-0.046 χ^2/NDF:14137.7/25

Out: -4.122+/-0.047 χ^2/NDF:20045.7/29

All: -3.856+/-0.033 χ^2/NDF: 34245.8/55

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: 0.048+/-0.110 χ^2/NDF:1413.8/10

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: -1.871+/-0.114 χ^2/NDF:551.4/8

Left: -0.881+/-0.079 χ^2/NDF: 2111.6/19

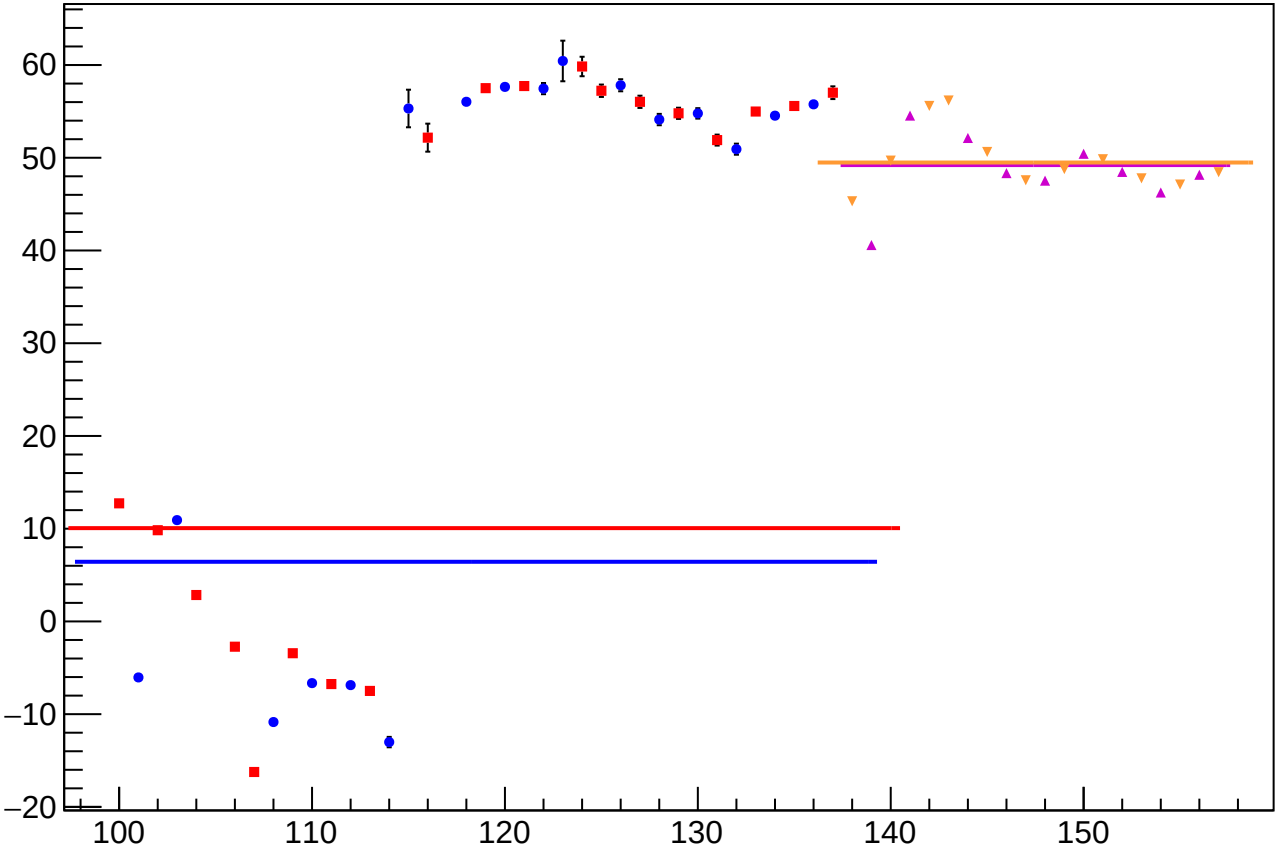
Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 2.885+/-0.070 χ^2/NDF:4821.8/25

Out: 3.552+/-0.071 χ^2/NDF:5810.2/29

All: 3.215+/-0.050 χ^2/NDF: 10676.3/55

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: 49.486+/-0.094 χ^2/NDF:850.7/10

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 49.210+/-0.099 χ^2/NDF:887.2/8

Left: 49.356+/-0.068 χ^2/NDF: 1741.9/19

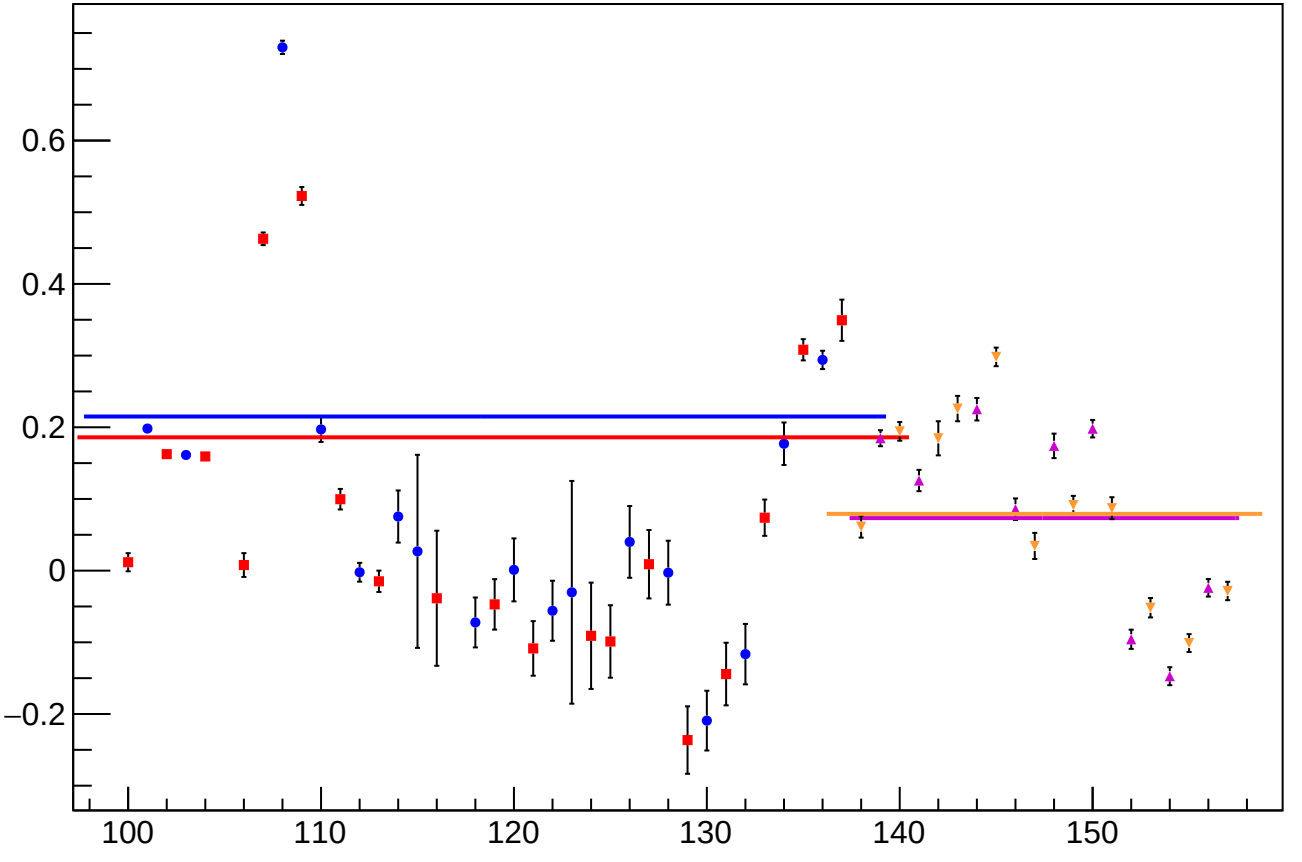
Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 19.153+/-0.054 χ^2/NDF:254376.5/25

Out: 24.146+/-0.056 χ^2/NDF:236844.5/29

All: 21.574+/-0.039 χ^2/NDF: 495329.0/55

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: 0.079+/-0.004 χ^2/NDF:834.9/10

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.073+/-0.004 χ^2/NDF:876.8/8

Left: 0.076+/-0.003 χ^2/NDF: 1712.6/19

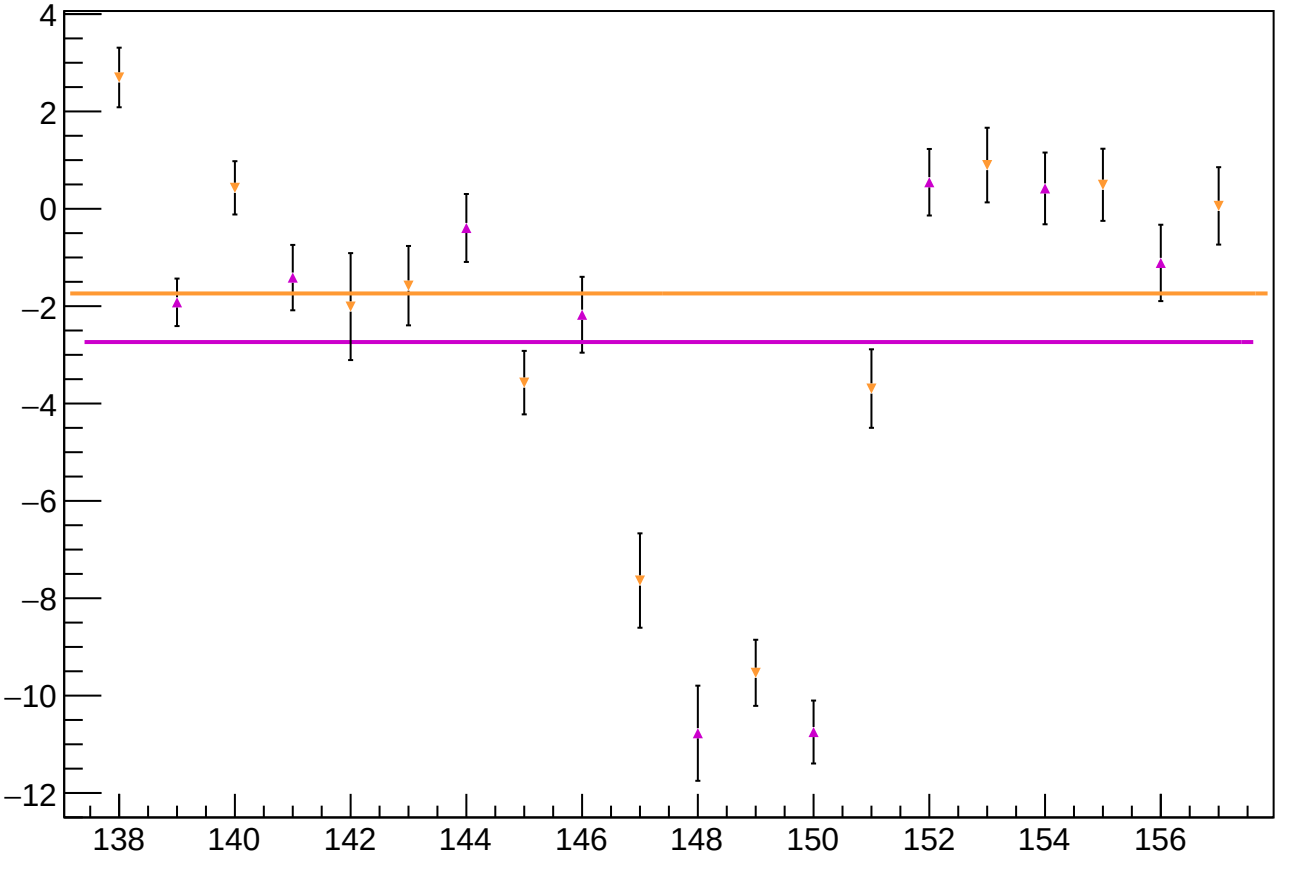
Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.176+/-0.002 χ^2/NDF:5530.6/25

Out: 0.157+/-0.002 χ^2/NDF:3988.9/29

All: 0.166+/-0.002 χ^2/NDF: 9553.8/55

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: -1.739+/-0.221 χ^2/NDF:276.8/10

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

Left In: -2.737+/-0.228 χ^2/NDF:285.4/8

Left: -2.221+/-0.159 χ^2/NDF: 572.1/19

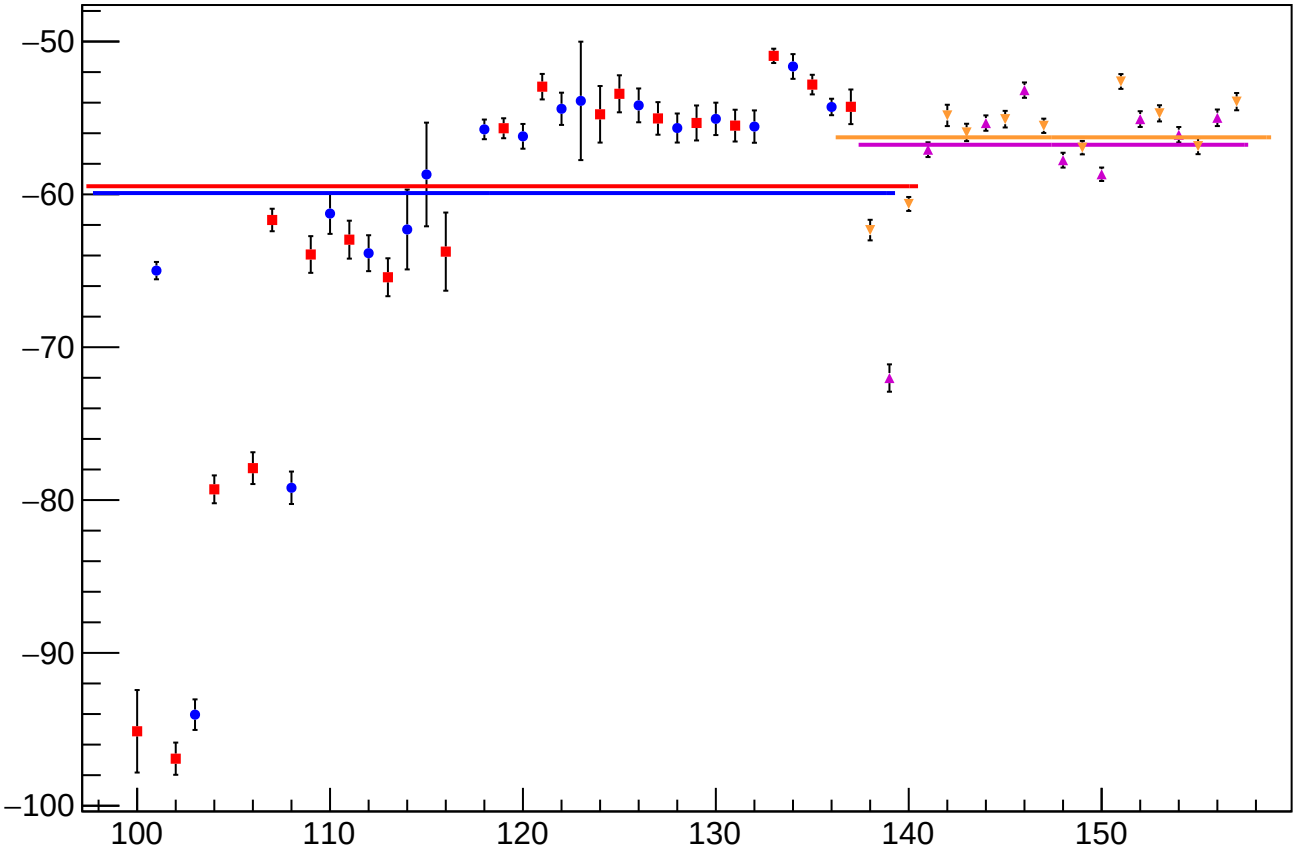
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.737+/-0.228 χ^2/NDF:285.4/8

Out: -1.739+/-0.221 χ^2/NDF:276.8/10

All: -2.221+/-0.159 χ^2/NDF: 572.1/19

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: -56.267+/-0.158 χ^2/NDF:270.2/10

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -56.754+/-0.172 χ^2/NDF:396.2/8

Left: -56.491+/-0.116 χ^2/NDF: 670.7/19

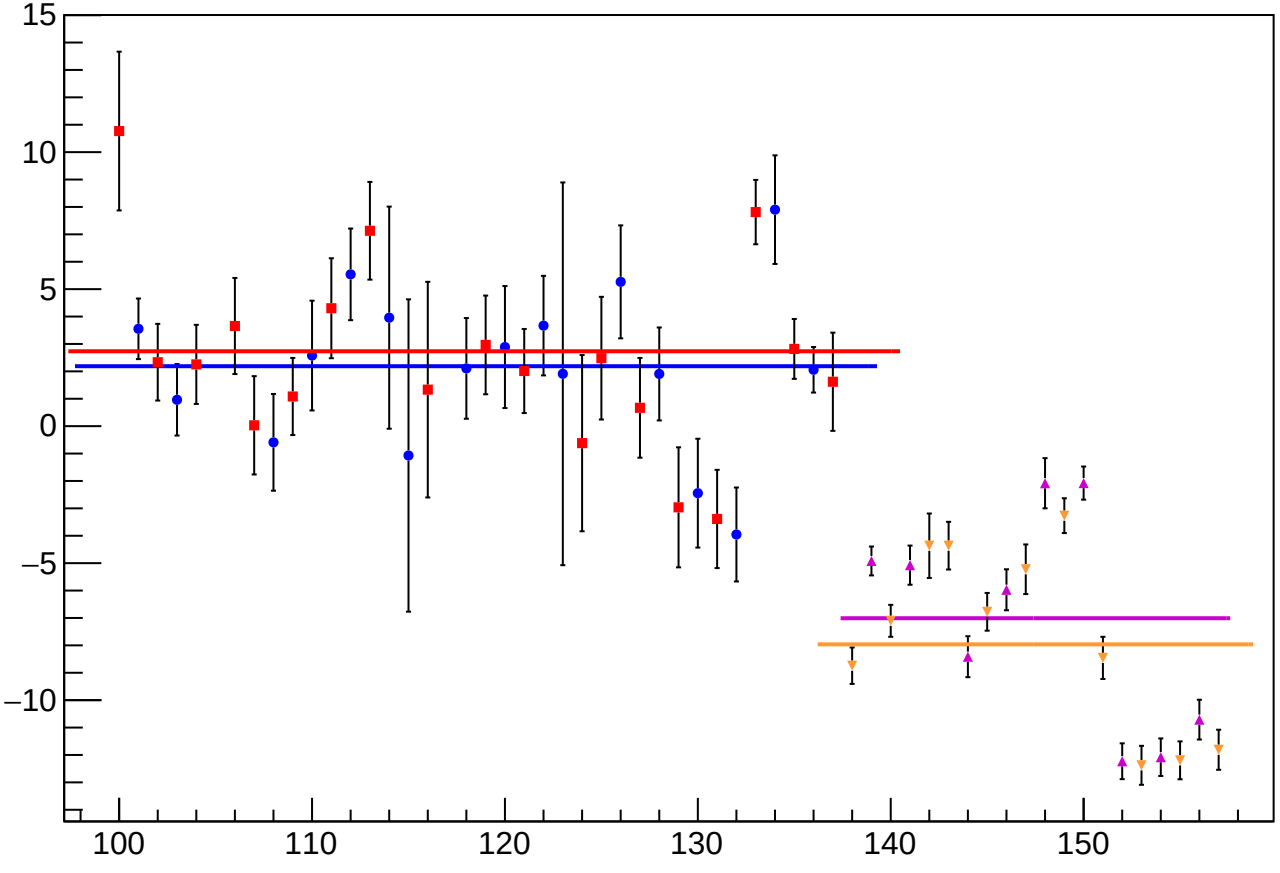
Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -57.930+/-0.136 χ^2/NDF:2501.8/25

Out: -57.414+/-0.127 χ^2/NDF:3329.1/29

All: -57.654+/-0.093 χ^2/NDF: 5838.5/55

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: -7.963+/-0.220 χ^2/NDF:200.9/10

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -7.010+/-0.227 χ^2/NDF:268.5/8

Left: -7.501+/-0.158 χ^2/NDF: 478.5/19

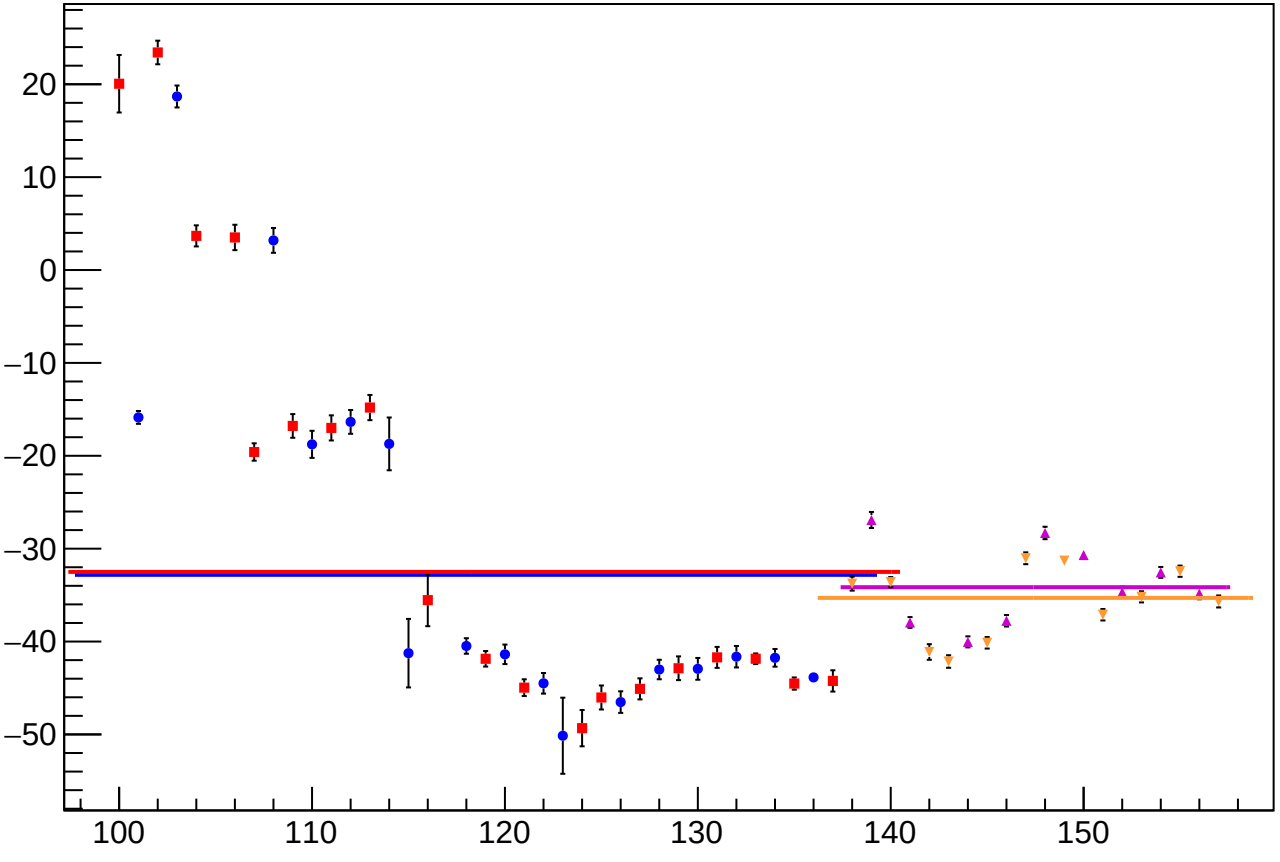
Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -4.806+/-0.198 χ^2/NDF:701.5/25

Out: -5.359+/-0.191 χ^2/NDF:835.9/29

All: -5.092+/-0.137 χ^2/NDF: 1541.4/55

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: -35.299+/-0.190 χ^2/NDF:357.6/10

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -34.150+/-0.203 χ^2/NDF:377.7/8

Left: -34.765+/-0.139 χ^2/NDF: 752.4/19

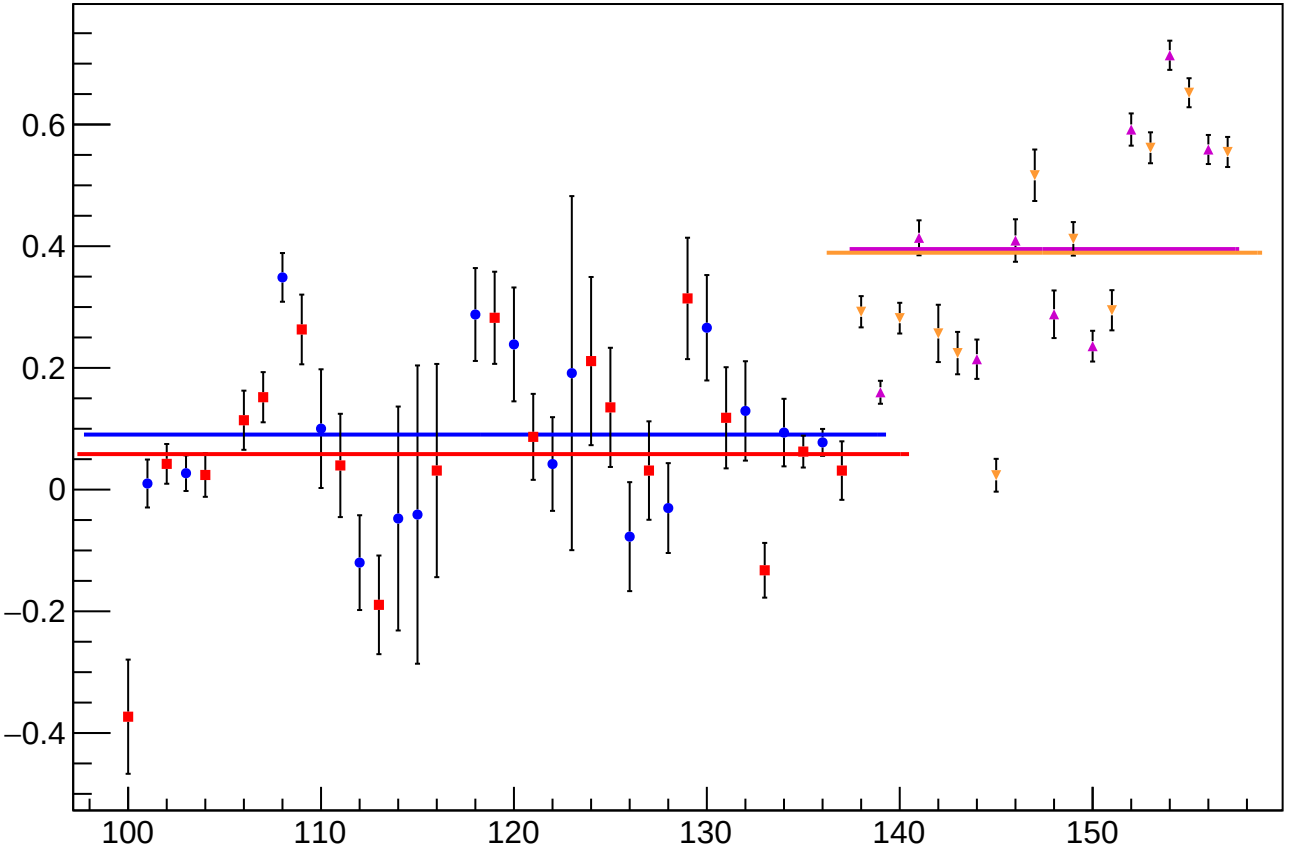
Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -33.629+/-0.159 χ^2/NDF:5061.0/25

Out: -34.245+/-0.150 χ^2/NDF:6477.5/29

All: -33.955+/-0.109 χ^2/NDF: 11546.5/55

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: 0.389+/-0.009 χ^2/NDF:477.0/10

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.395+/-0.009 χ^2/NDF:512.9/8

Left: 0.392+/-0.006 χ^2/NDF: 990.2/19

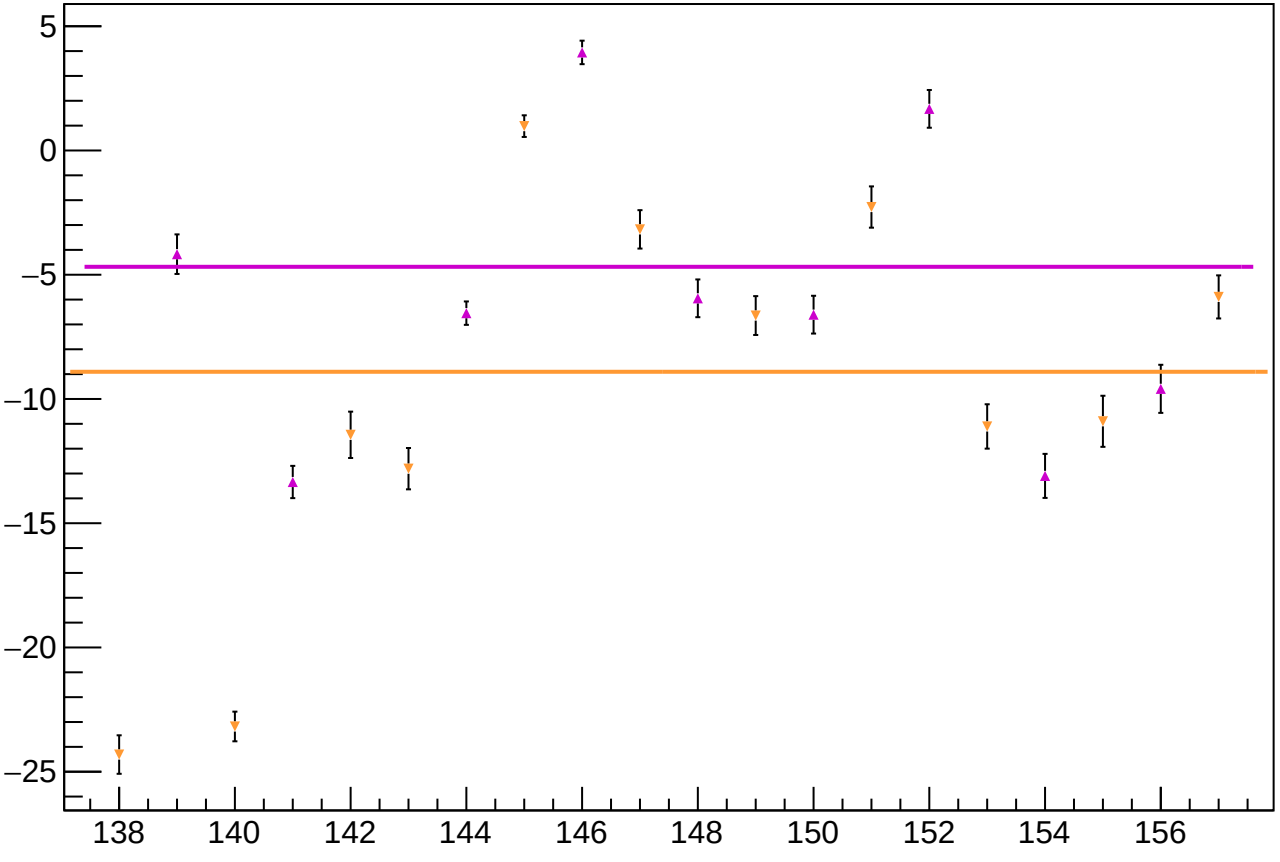
Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.297+/-0.007 χ^2/NDF:980.9/25

Out: 0.278+/-0.007 χ^2/NDF:1058.4/29

All: 0.287+/-0.005 χ^2/NDF: 2042.5/55

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: -8.905+/-0.220 χ^2/NDF:1660.0/10

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

Left In: -4.681+/-0.221 χ^2/NDF:722.5/8

Left: -6.801+/-0.156 χ^2/NDF: 2565.8/19

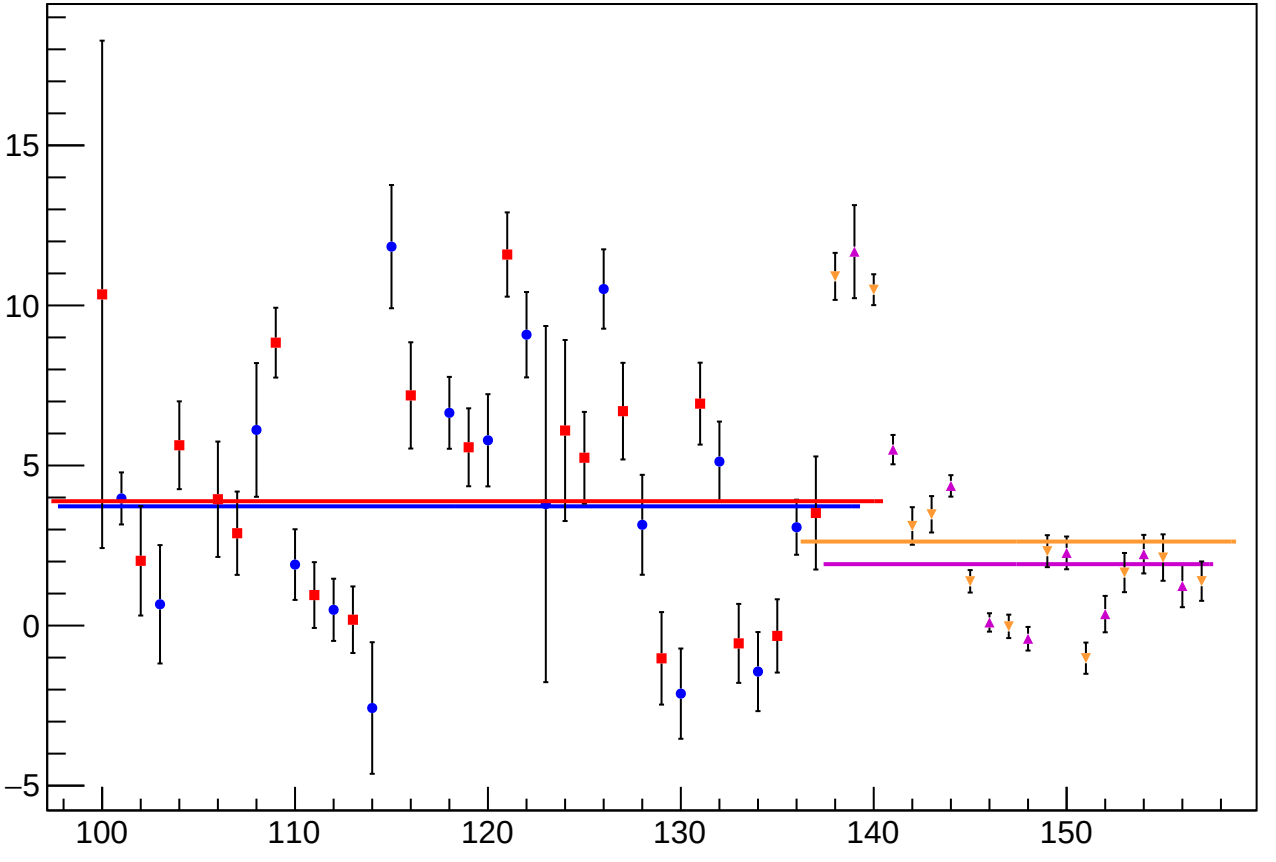
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.681+/-0.221 χ^2/NDF:722.5/8

Out: -8.905+/-0.220 χ^2/NDF:1660.0/10

All: -6.801+/-0.156 χ^2/NDF: 2565.8/19

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: 2.625+/-0.152 χ^2/NDF:524.1/10

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 1.918+/-0.148 χ^2/NDF:248.4/8

Left: 2.262+/-0.106 χ^2/NDF: 783.6/19

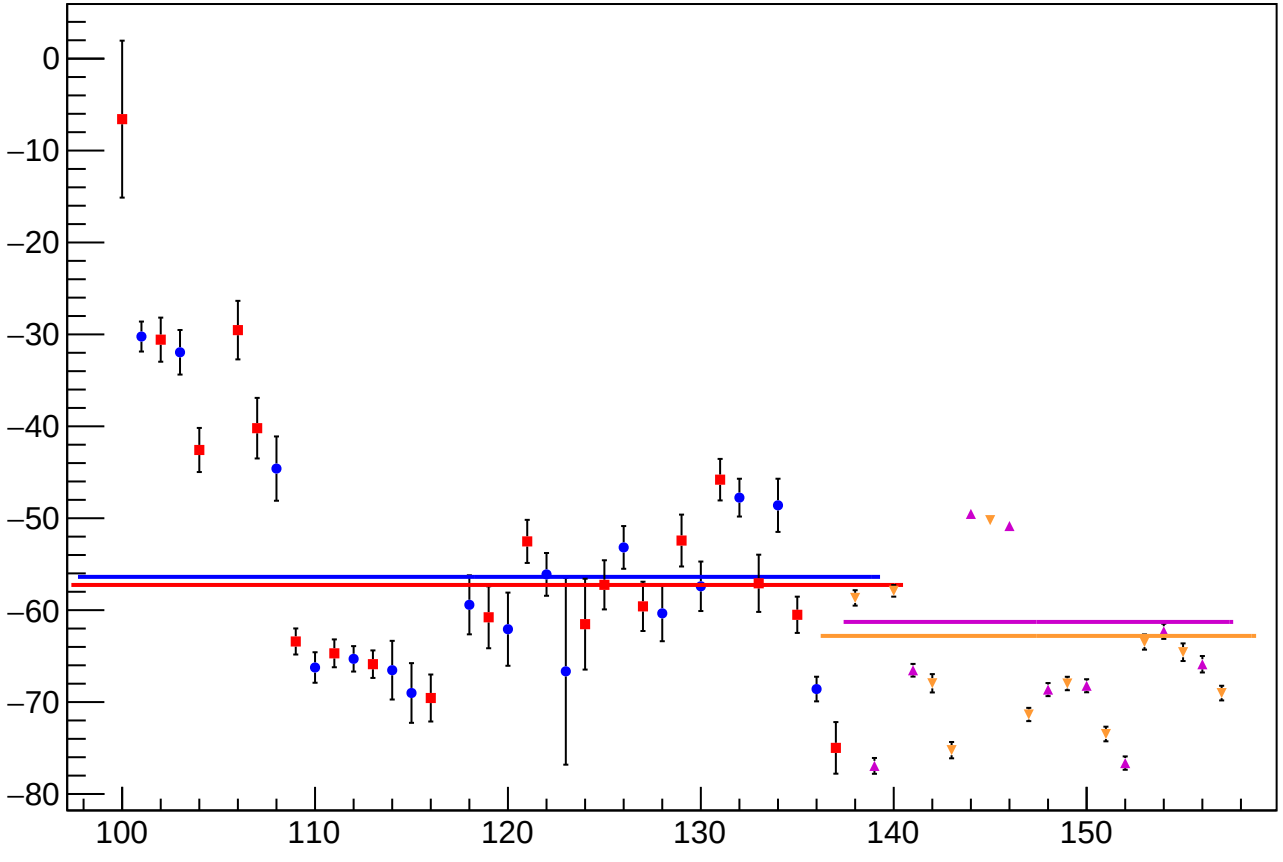
Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 2.257+/-0.134 χ^2/NDF:413.0/25

Out: 2.862+/-0.137 χ^2/NDF:671.4/29

All: 2.551+/-0.096 χ^2/NDF: 1094.4/55

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: -62.802+/-0.222 χ^2/NDF:1479.2/10

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -61.280+/-0.219 χ^2/NDF:2136.3/8

Left: -62.032+/-0.156 χ^2/NDF: 3639.3/19

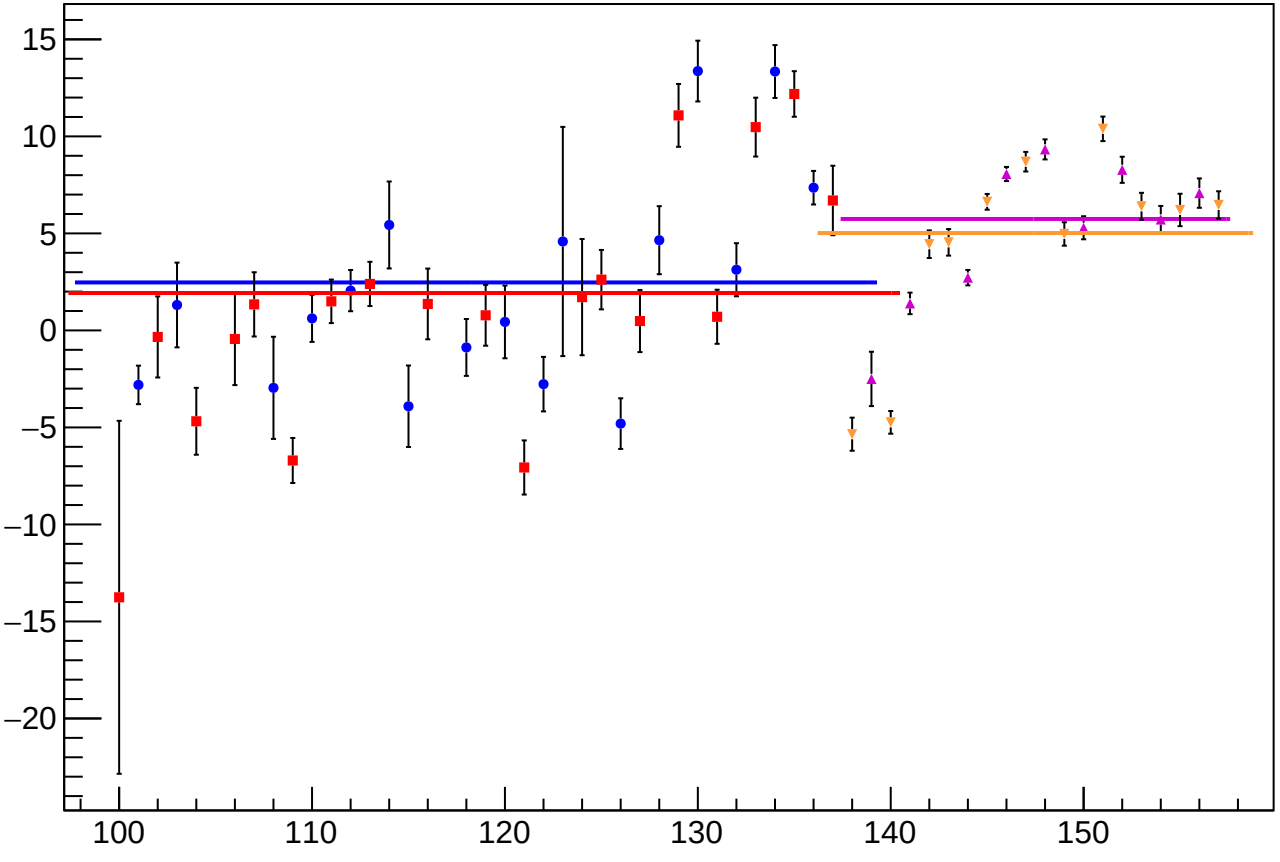
Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -60.591+/-0.203 χ^2/NDF:2793.9/25

Out: -61.990+/-0.205 χ^2/NDF:2046.6/29

All: -61.284+/-0.144 χ^2/NDF: 4864.1/55

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: 5.019+/-0.185 χ^2/NDF:579.2/10

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 5.744+/-0.182 χ^2/NDF:260.5/8

Left: 5.387+/-0.130 χ^2/NDF: 847.4/19

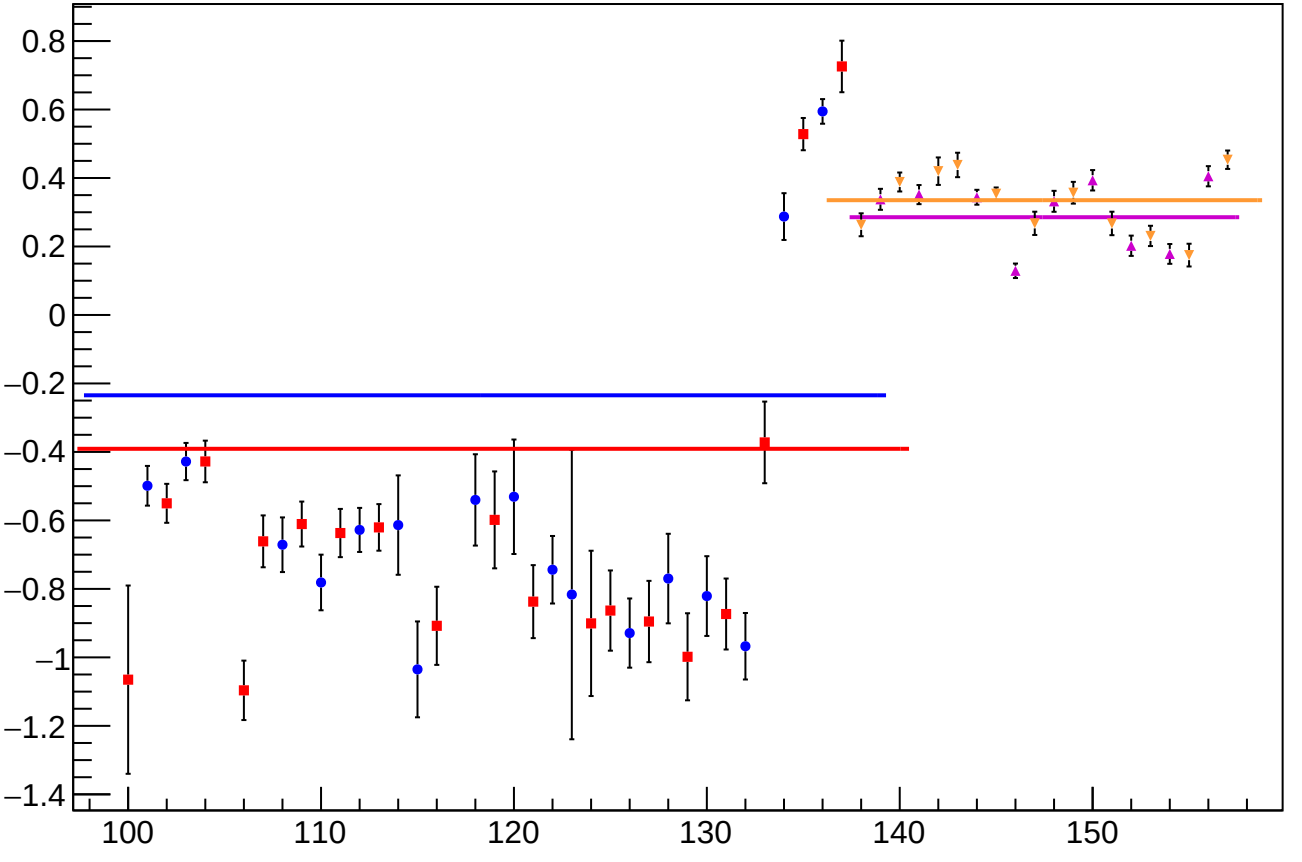
Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 5.033+/-0.161 χ^2/NDF:574.2/25

Out: 4.358+/-0.164 χ^2/NDF:905.5/29

All: 4.702+/-0.115 χ^2/NDF: 1488.3/55

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: 0.335+/-0.009 χ^2/NDF:85.5/10

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.285+/-0.009 χ^2/NDF:123.9/8

Left: 0.311+/-0.006 χ^2/NDF: 225.0/19

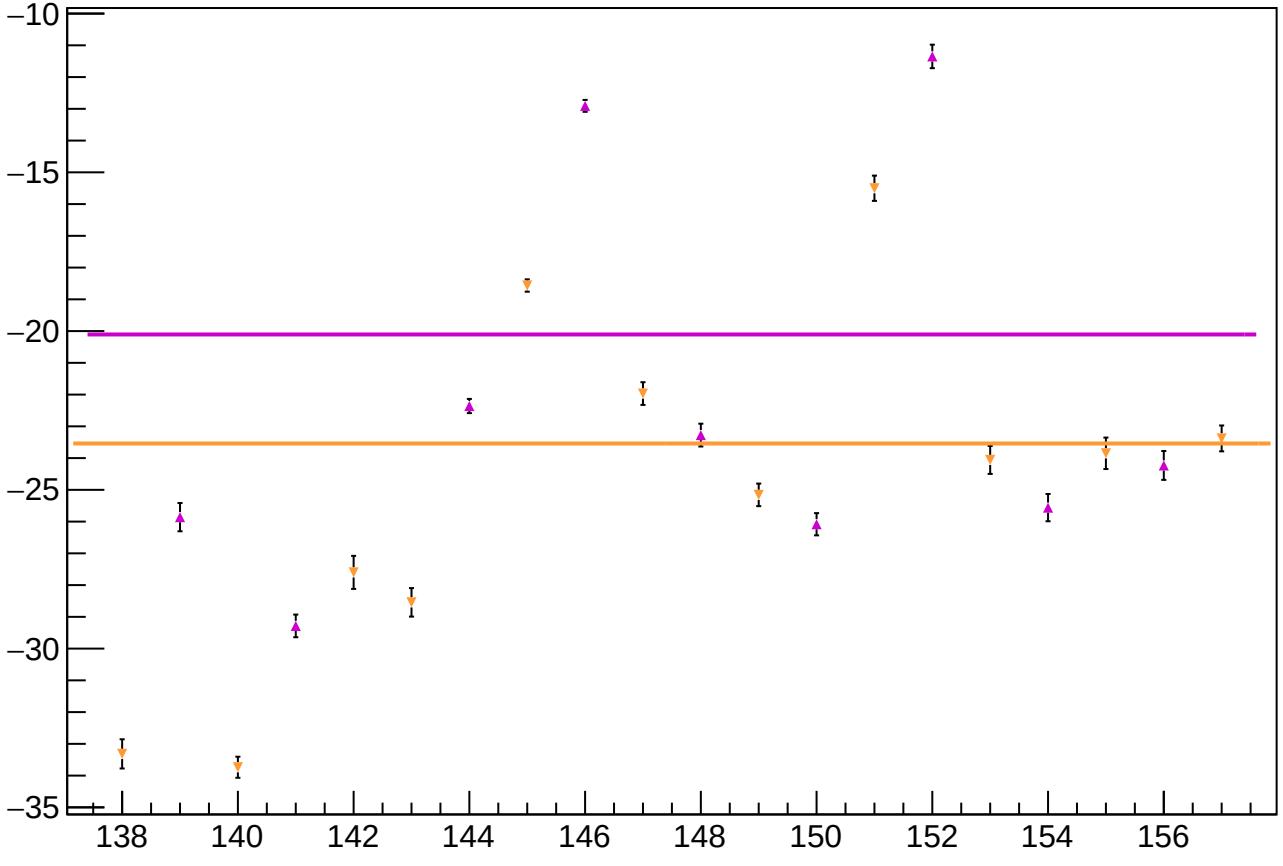
Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.189+/-0.008 χ^2/NDF:1701.4/25

Out: 0.205+/-0.008 χ^2/NDF:2143.1/29

All: 0.197+/-0.006 χ^2/NDF: 3846.4/55

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: -23.540+/-0.108 χ^2/NDF:2683.0/10

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

Left In: -20.106+/-0.103 χ^2/NDF:3578.7/8

Left: -21.740+/-0.074 χ^2/NDF: 6793.9/19

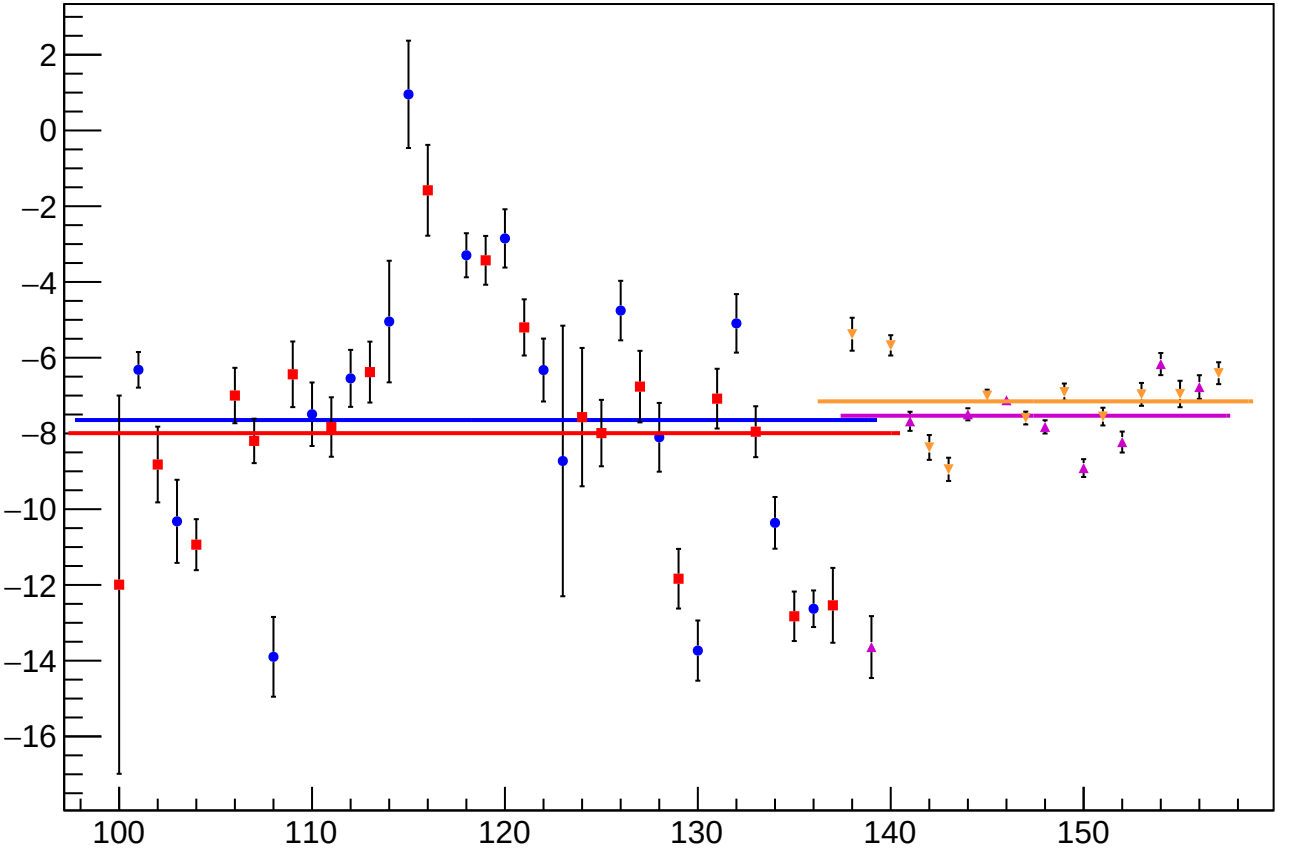
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -20.106+/-0.103 χ^2/NDF:3578.7/8

Out: -23.540+/-0.108 χ^2/NDF:2683.0/10

All: -21.740+/-0.074 χ^2/NDF: 6793.9/19

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: -7.153+/-0.074 χ^2/NDF:114.2/10

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -7.532+/-0.068 χ^2/NDF:139.8/8

Left: -7.358+/-0.050 χ^2/NDF: 268.1/19

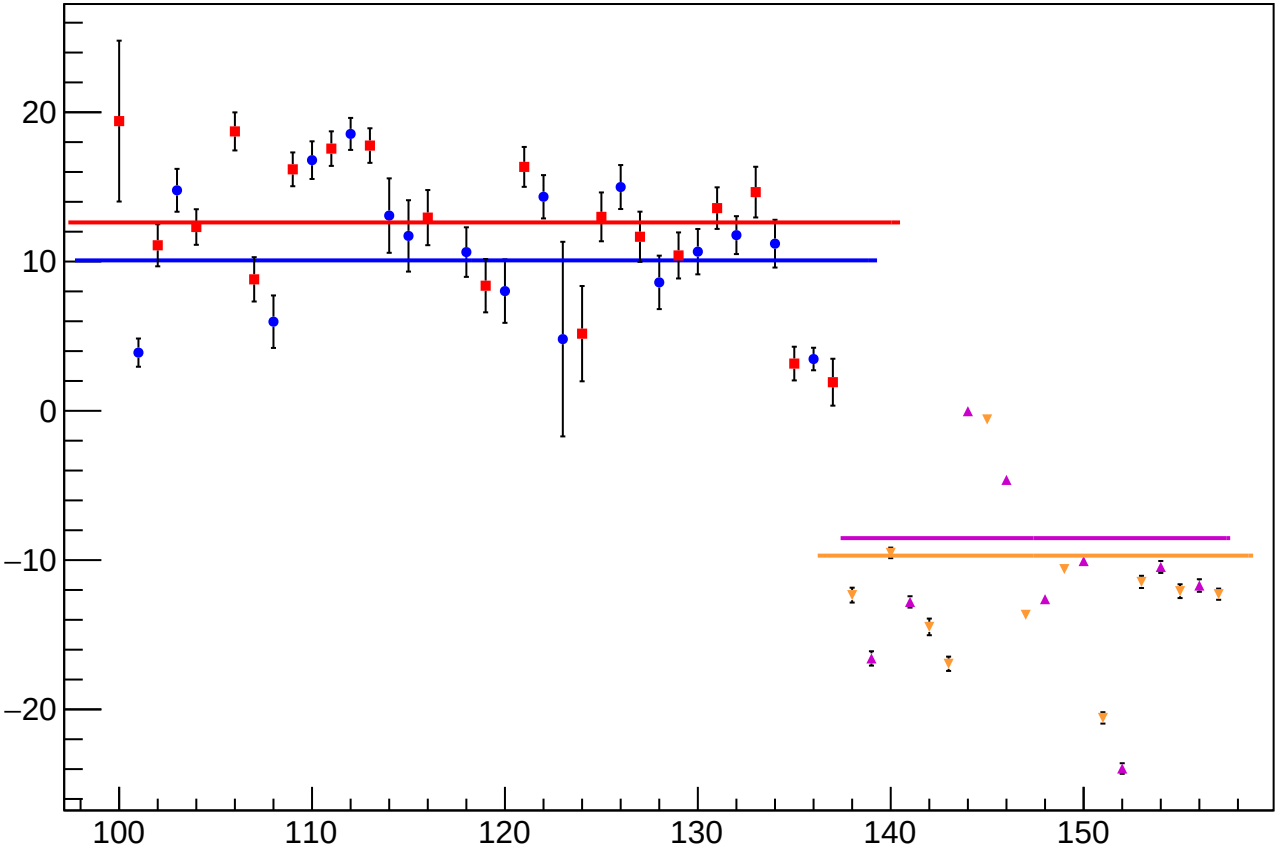
Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -7.545+/-0.064 χ^2/NDF:533.7/25

Out: -7.268+/-0.069 χ^2/NDF:357.2/29

All: -7.417+/-0.047 χ^2/NDF: 899.7/55

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: -9.700+/-0.108 χ^2/NDF:3348.0/10

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -8.528+/-0.101 χ^2/NDF:4288.1/8

Left: -9.077+/-0.074 χ^2/NDF: 7698.8/19

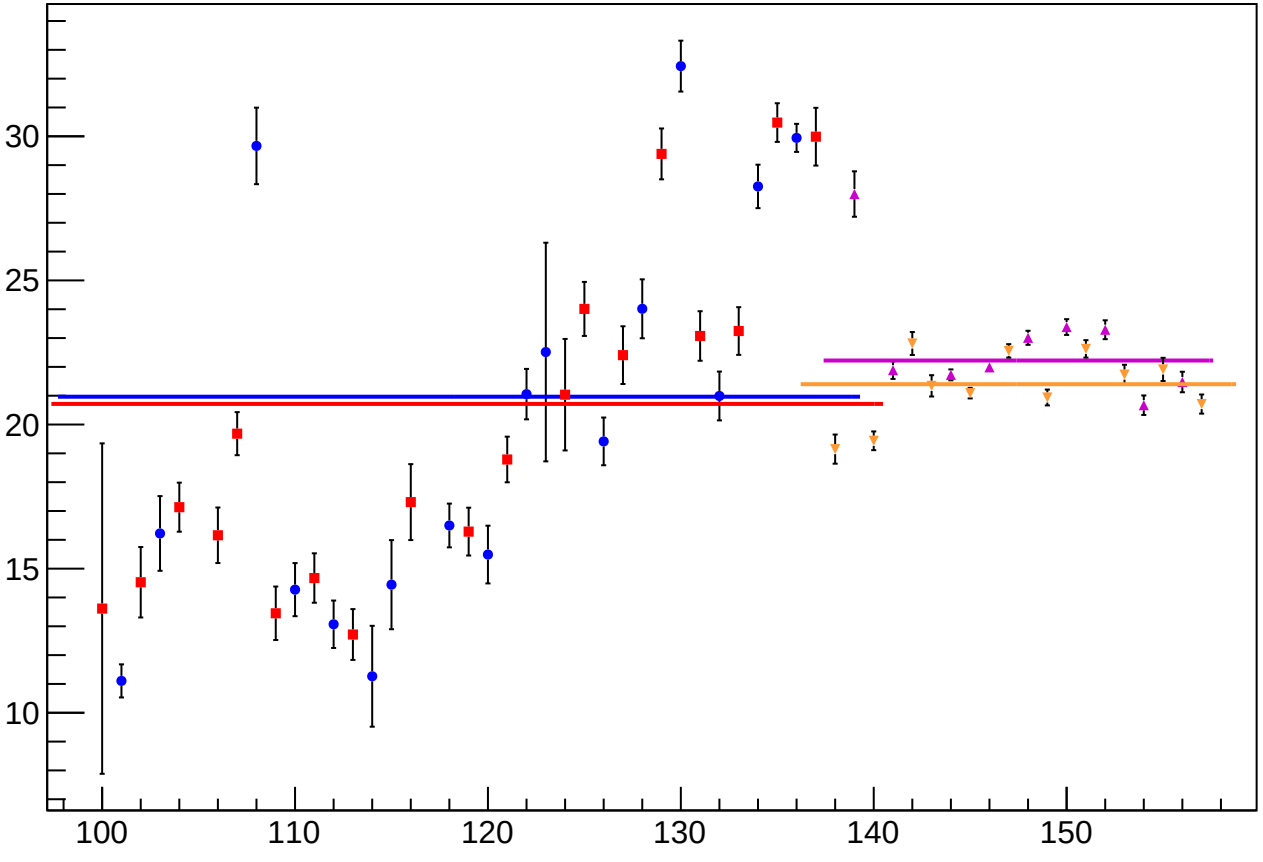
Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -6.986+/-0.097 χ^2/NDF:7339.9/25

Out: -7.573+/-0.103 χ^2/NDF:7646.1/29

All: -7.262+/-0.070 χ^2/NDF: 15003.3/55

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: 21.400+/-0.090 χ^2/NDF:122.4/10

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 22.221+/-0.084 χ^2/NDF:128.9/8

Left: 21.841+/-0.061 χ^2/NDF: 296.0/19

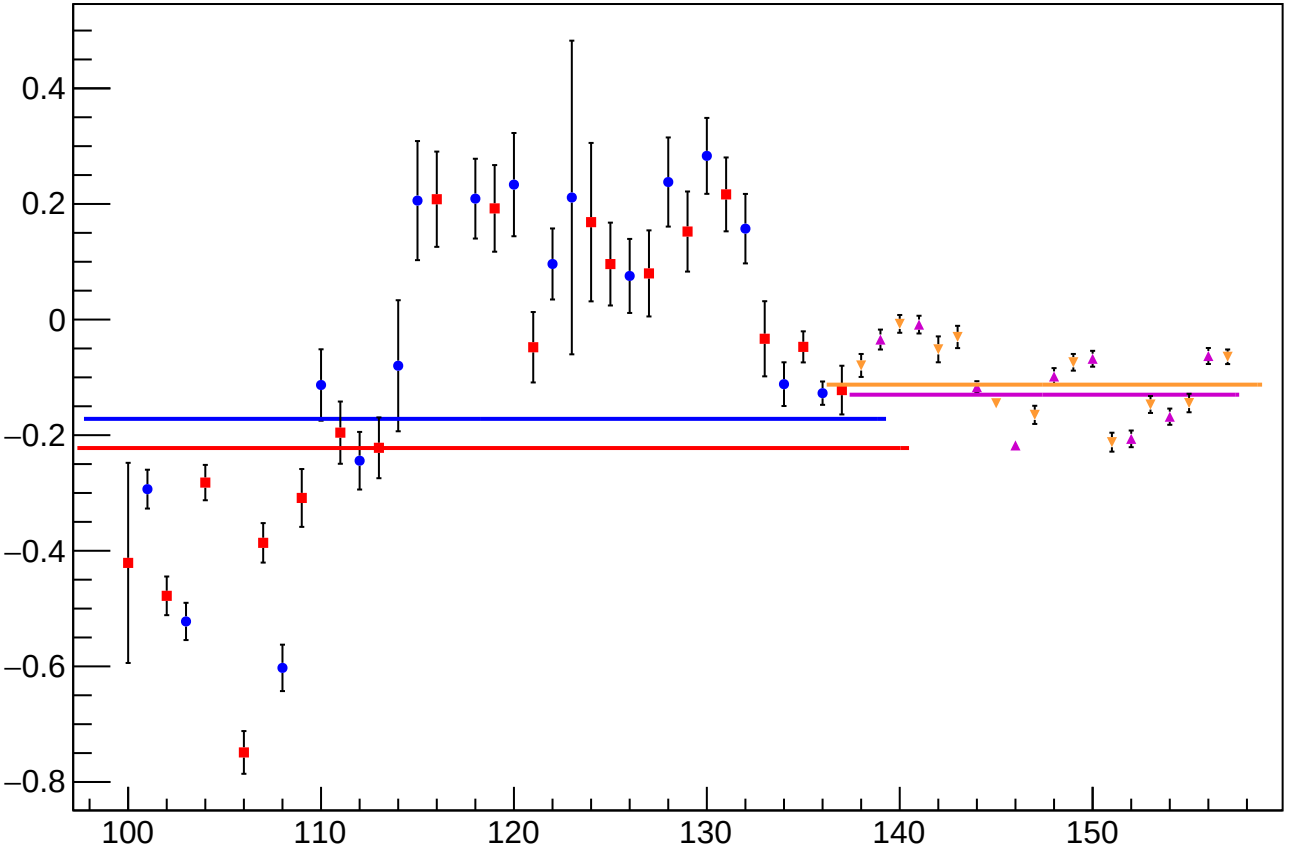
Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 22.048+/-0.078 χ^2/NDF:1385.4/25

Out: 21.295+/-0.083 χ^2/NDF:861.1/29

All: 21.697+/-0.057 χ^2/NDF: 2290.3/55

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+/-0.004 χ^2/NDF:170.2/10

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.130+/-0.004 χ^2/NDF:286.8/8

Left: -0.121+/-0.003 χ^2/NDF: 465.4/19

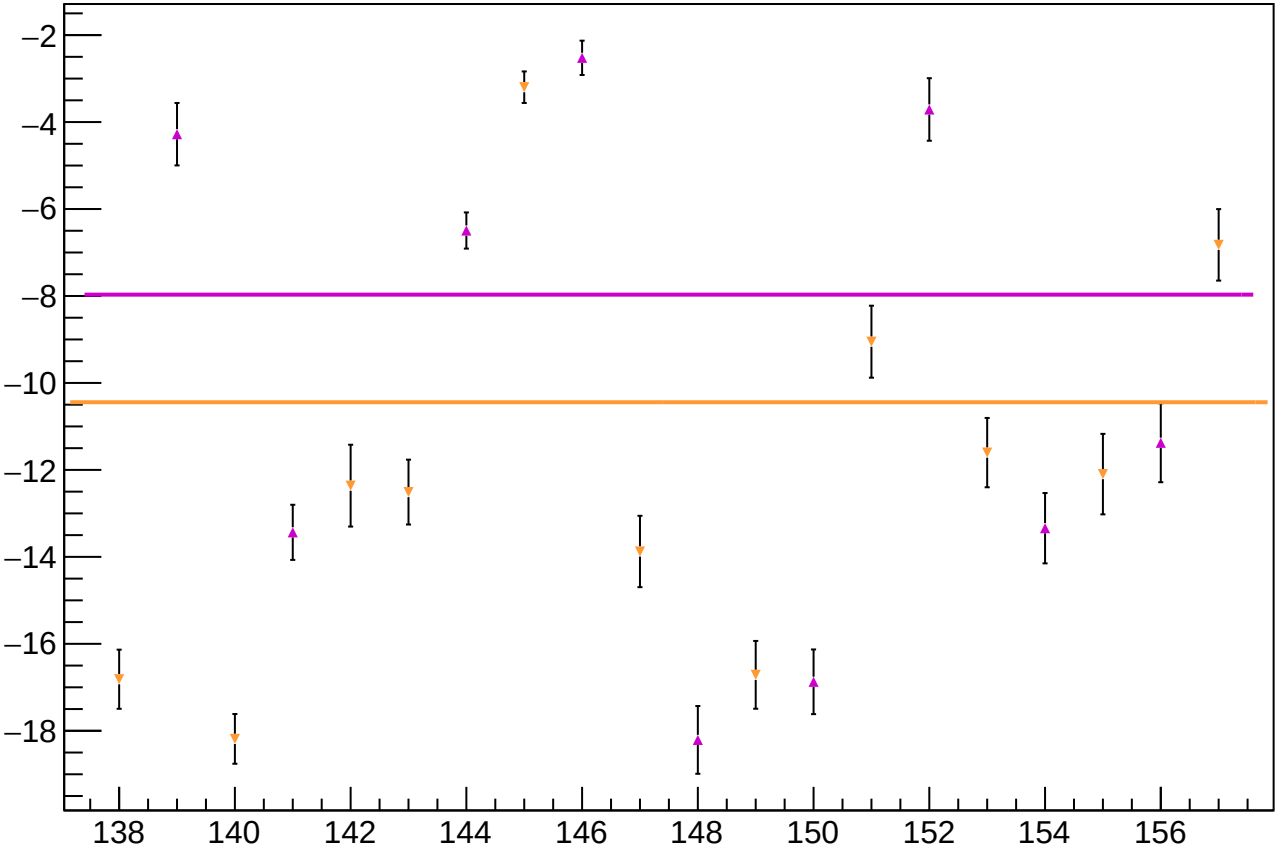
Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.135+/-0.004 χ^2/NDF:763.2/25

Out: -0.127+/-0.004 χ^2/NDF:793.3/29

All: -0.131+/-0.003 χ^2/NDF: 1558.5/55

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.444+/-0.202 χ^2/NDF:791.5/10

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

Left In: -7.969+/-0.201 χ^2/NDF:713.3/8

Left: -9.201+/-0.142 χ^2/NDF: 1580.3/19

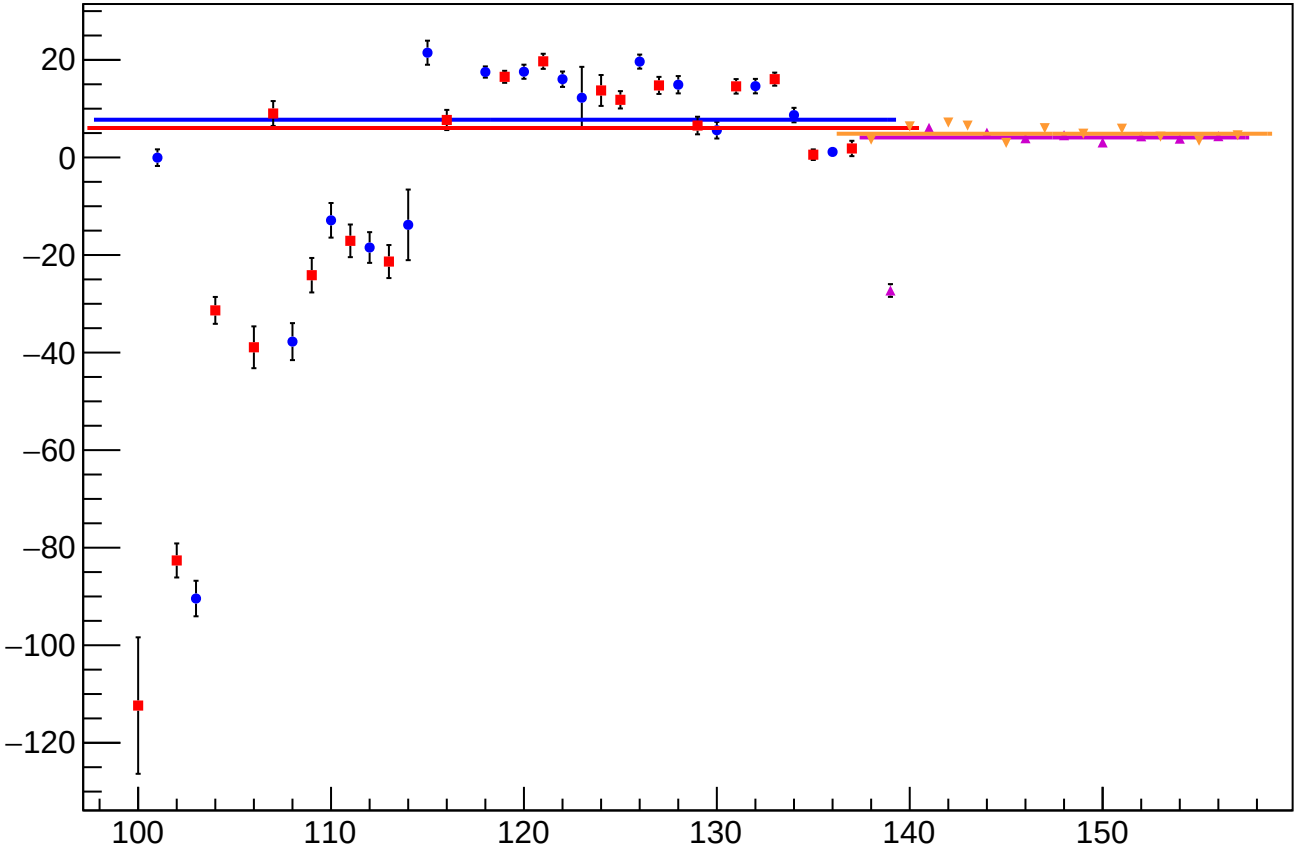
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.969+/-0.201 χ^2/NDF:713.3/8

Out: -10.444+/-0.202 χ^2/NDF:791.5/10

All: -9.201+/-0.142 χ^2/NDF: 1580.3/19

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: 4.865+/-0.142 χ^2/NDF:101.6/10

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 4.098+/-0.137 χ^2/NDF:612.9/8

Left: 4.468+/-0.099 χ^2/NDF: 729.5/19

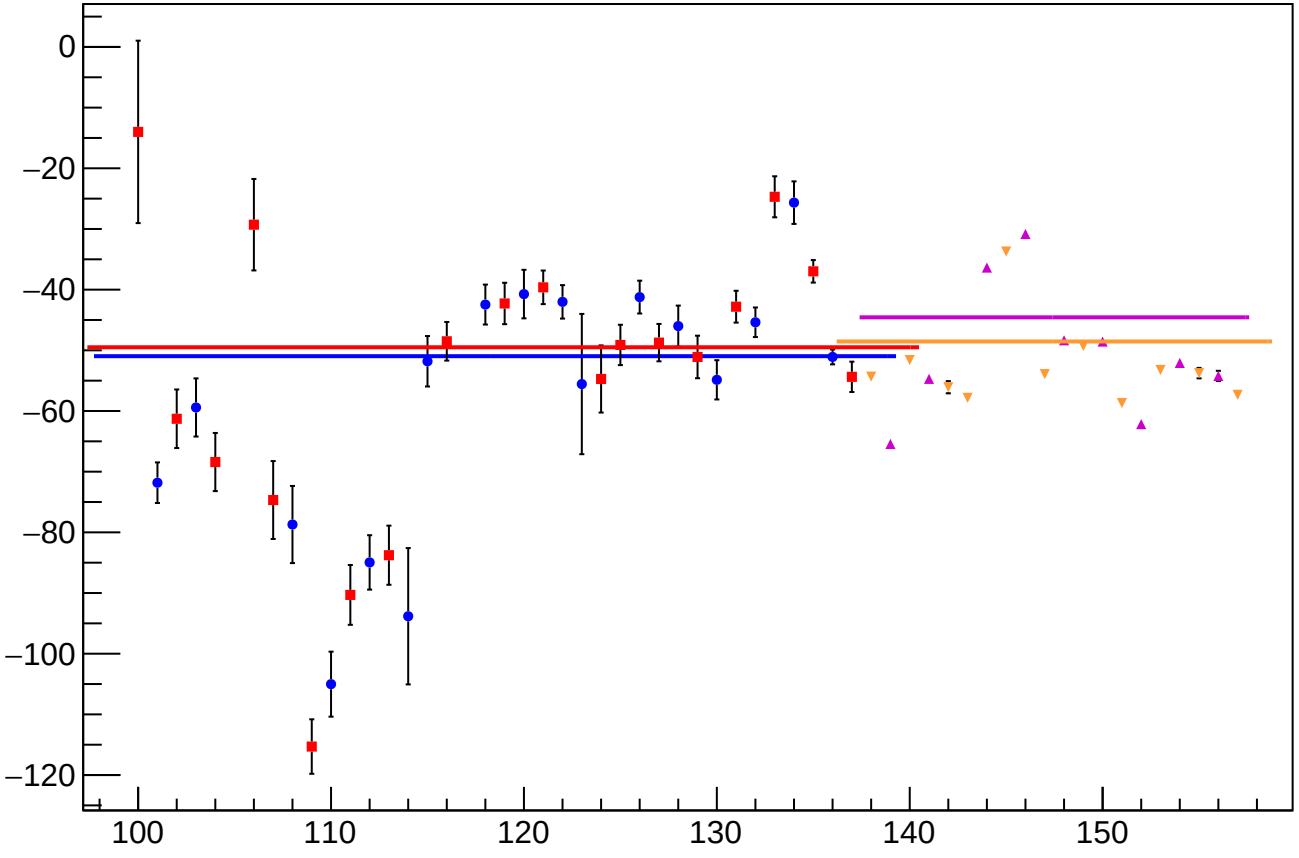
Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 4.477+/-0.130 χ^2/NDF:2044.5/25

Out: 4.979+/-0.135 χ^2/NDF:1620.3/29

All: 4.718+/-0.094 χ^2/NDF: 3671.9/55

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: -48.541+/-0.205 χ^2/NDF:2168.7/10

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -44.563+/-0.200 χ^2/NDF:3542.0/8

Left: -46.503+/-0.143 χ^2/NDF: 5904.1/19

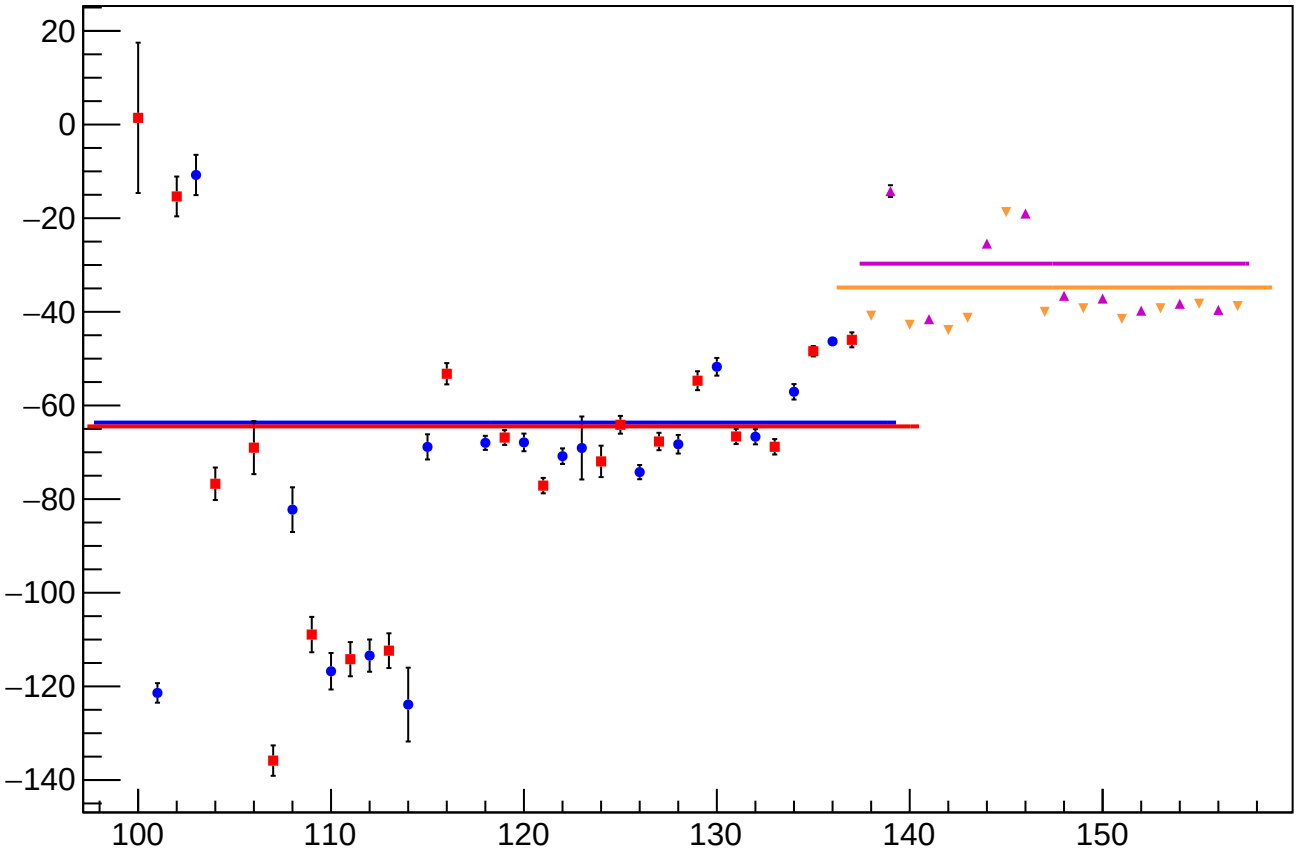
Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -45.000+/-0.193 χ^2/NDF:3944.9/25

Out: -48.600+/-0.198 χ^2/NDF:2680.4/29

All: -46.750+/-0.138 χ^2/NDF: 6794.7/55

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: -34.804+/-0.172 χ^2/NDF:3230.7/10

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -29.712+/-0.167 χ^2/NDF:2891.0/8

Left: -32.192+/-0.120 χ^2/NDF: 6572.1/19

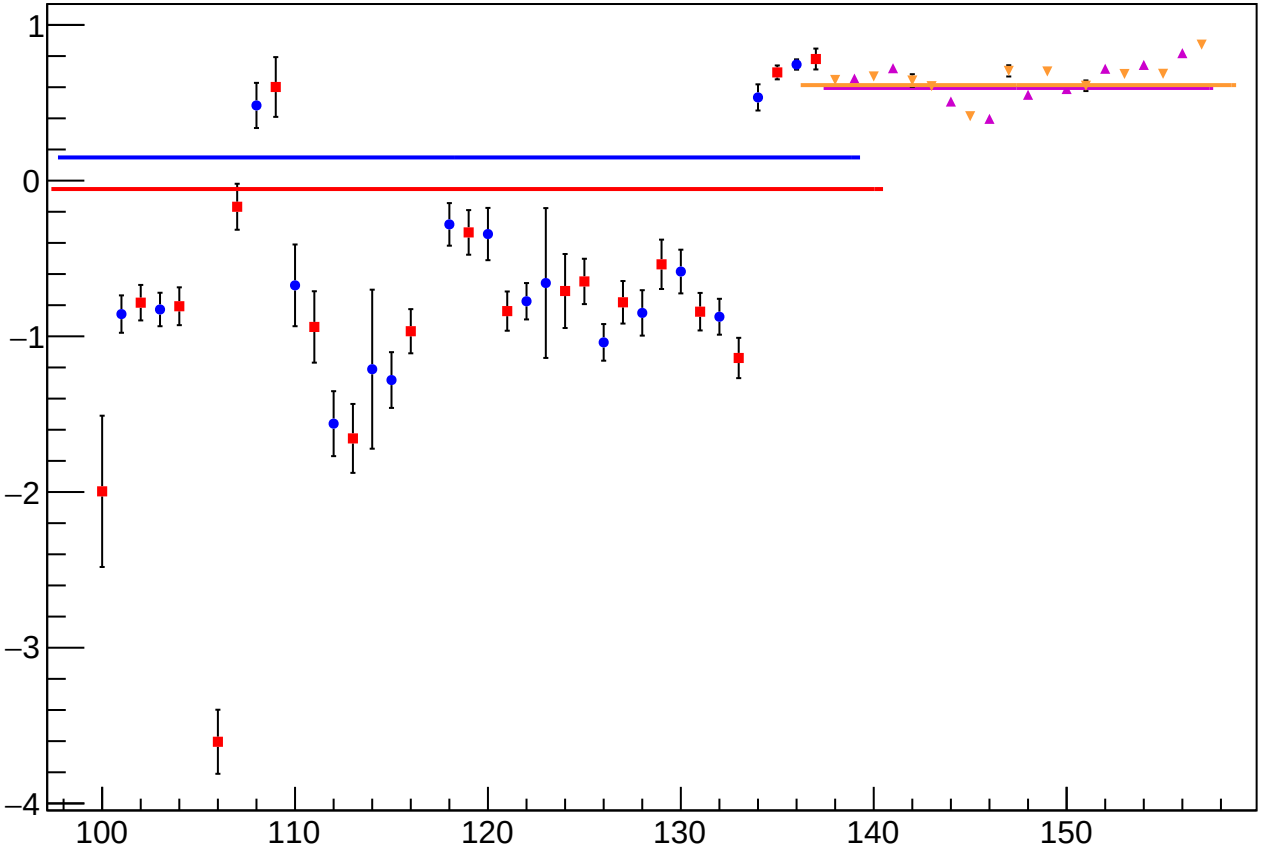
Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -33.918+/-0.157 χ^2/NDF:9995.1/25

Out: -38.144+/-0.162 χ^2/NDF:8192.1/29

All: -35.963+/-0.113 χ^2/NDF: 18538.9/55

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: 0.613+/-0.008 χ^2/NDF:310.3/10

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.595+/-0.008 χ^2/NDF:288.3/8

Left: 0.604+/-0.006 χ^2/NDF: 601.2/19

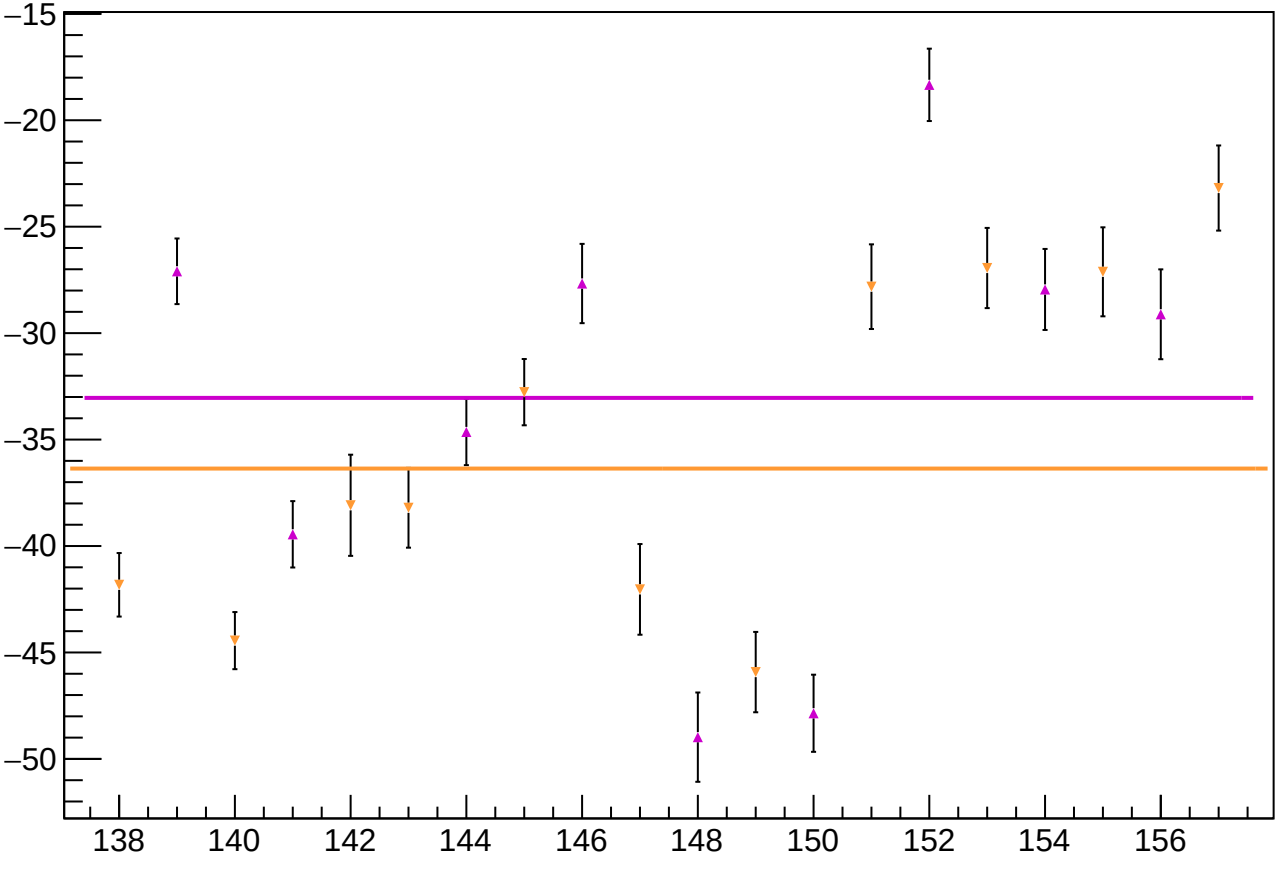
Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.548+/-0.008 χ^2/NDF:1588.2/25

Out: 0.555+/-0.008 χ^2/NDF:2070.6/29

All: 0.552+/-0.005 χ^2/NDF: 3659.2/55

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: -36.362+/-0.543 χ^2/NDF:195.7/10

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

Left In: -33.042+/-0.586 χ^2/NDF:251.2/8

Left: -34.829+/-0.398 χ^2/NDF: 464.2/19

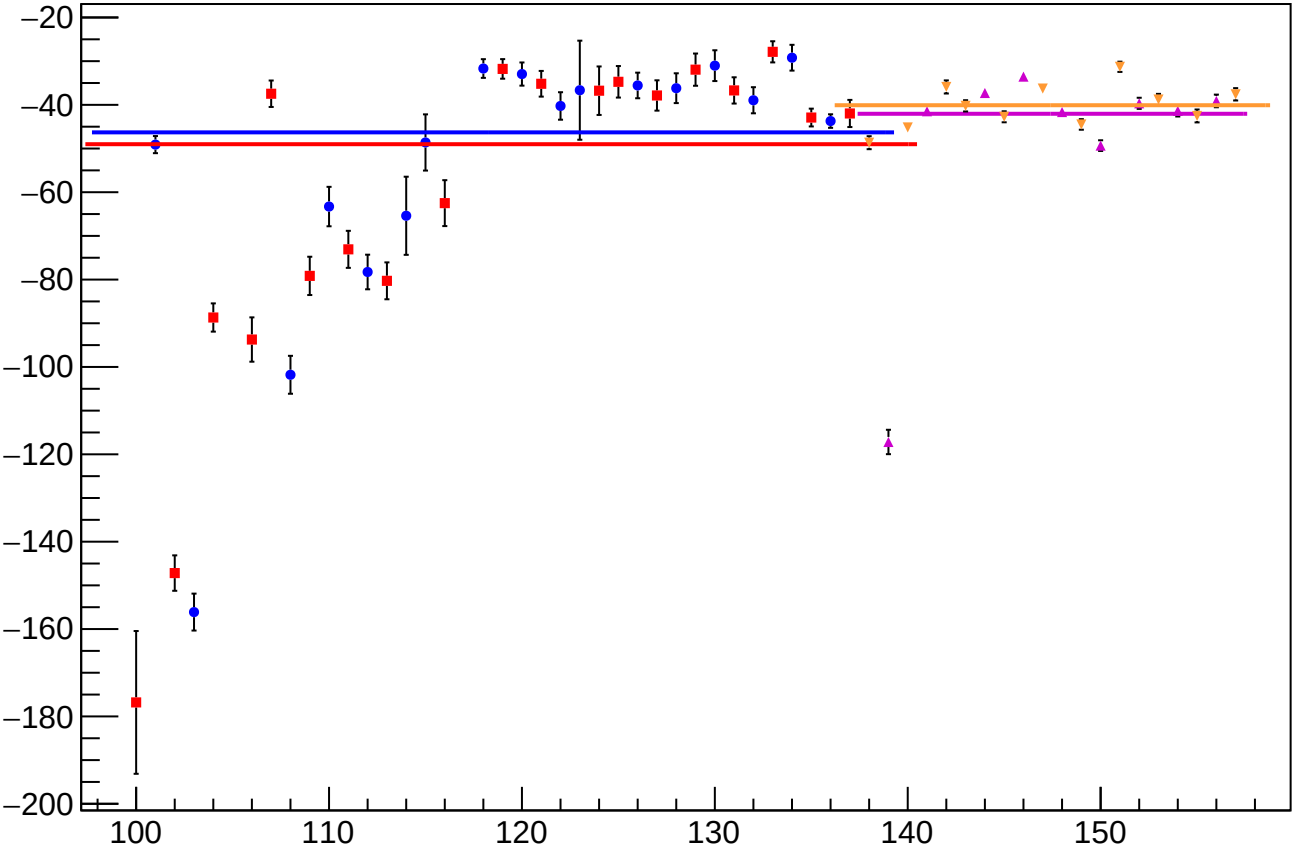
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -33.042+/-0.586 χ^2/NDF:251.2/8

Out: -36.362+/-0.543 χ^2/NDF:195.7/10

All: -34.829+/-0.398 χ^2/NDF: 464.2/19

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: -40.086+/-0.381 χ^2/NDF:157.3/10

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -42.045+/-0.414 χ^2/NDF:842.0/8

Left: -40.983+/-0.281 χ^2/NDF: 1011.4/19

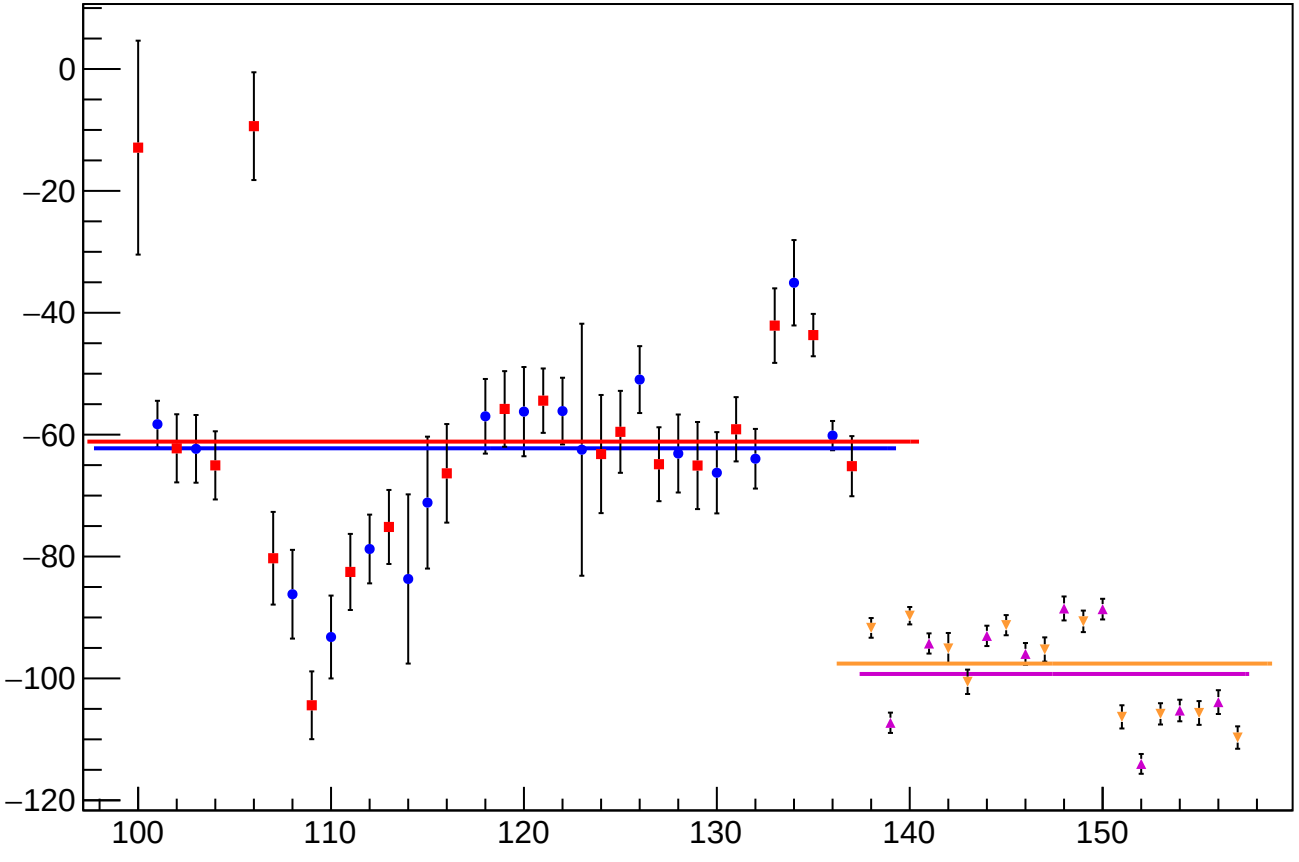
Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -43.098+/-0.360 χ^2/NDF:1952.1/25

Out: -41.864+/-0.341 χ^2/NDF:1538.2/29

All: -42.448+/-0.247 χ^2/NDF: 3496.6/55

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: -97.566+/-0.544 χ^2/NDF:182.0/10

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -99.271+/-0.581 χ^2/NDF:218.4/8

Left: -98.363+/-0.397 χ^2/NDF: 405.0/19

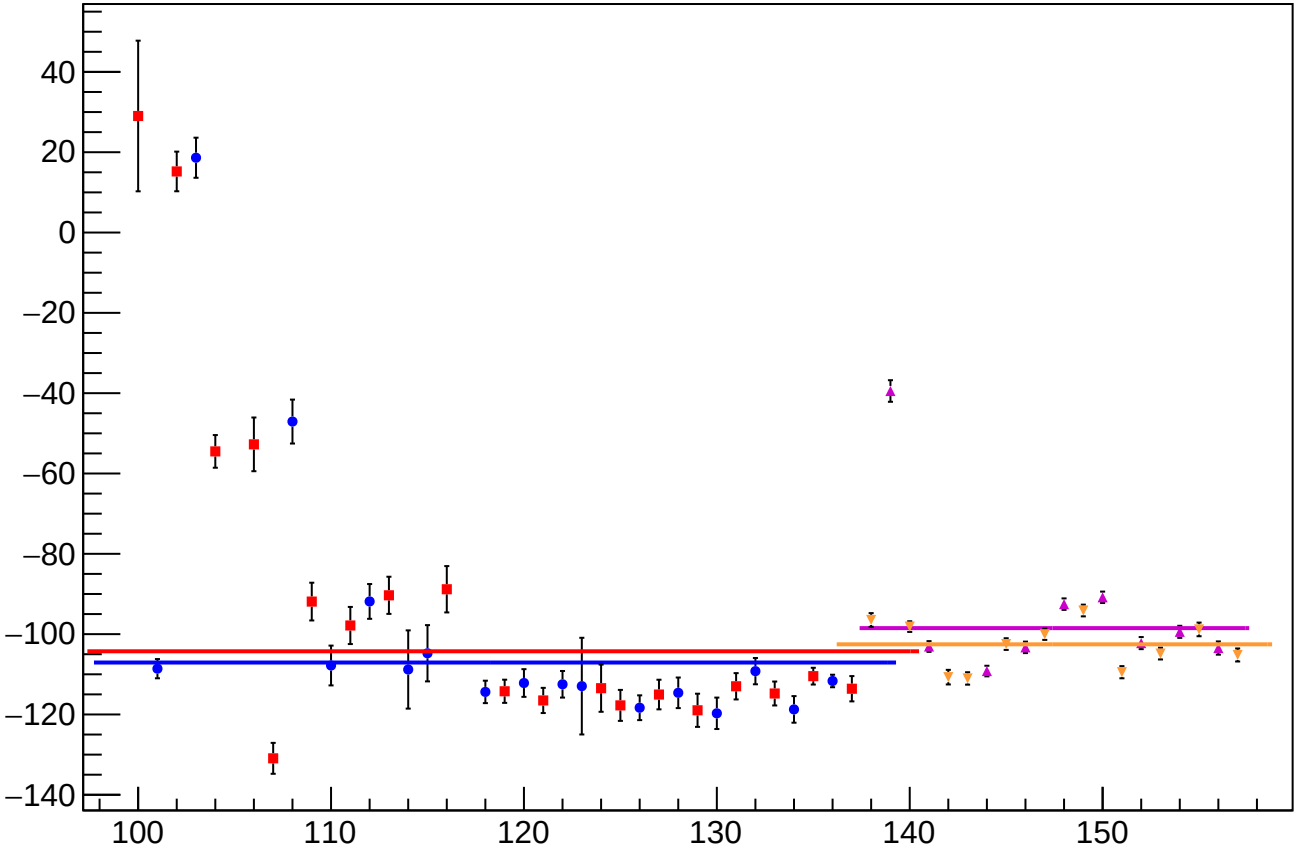
Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -93.188+/-0.531 χ^2/NDF:953.4/25

Out: -92.662+/-0.506 χ^2/NDF:951.0/29

All: -92.912+/-0.366 χ^2/NDF: 1904.8/55

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: -102.533+/-0.461 χ^2/NDF:141.4/10

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -98.500+/-0.500 χ^2/NDF:632.8/8

Left: -100.682+/-0.339 χ^2/NDF: 809.4/19

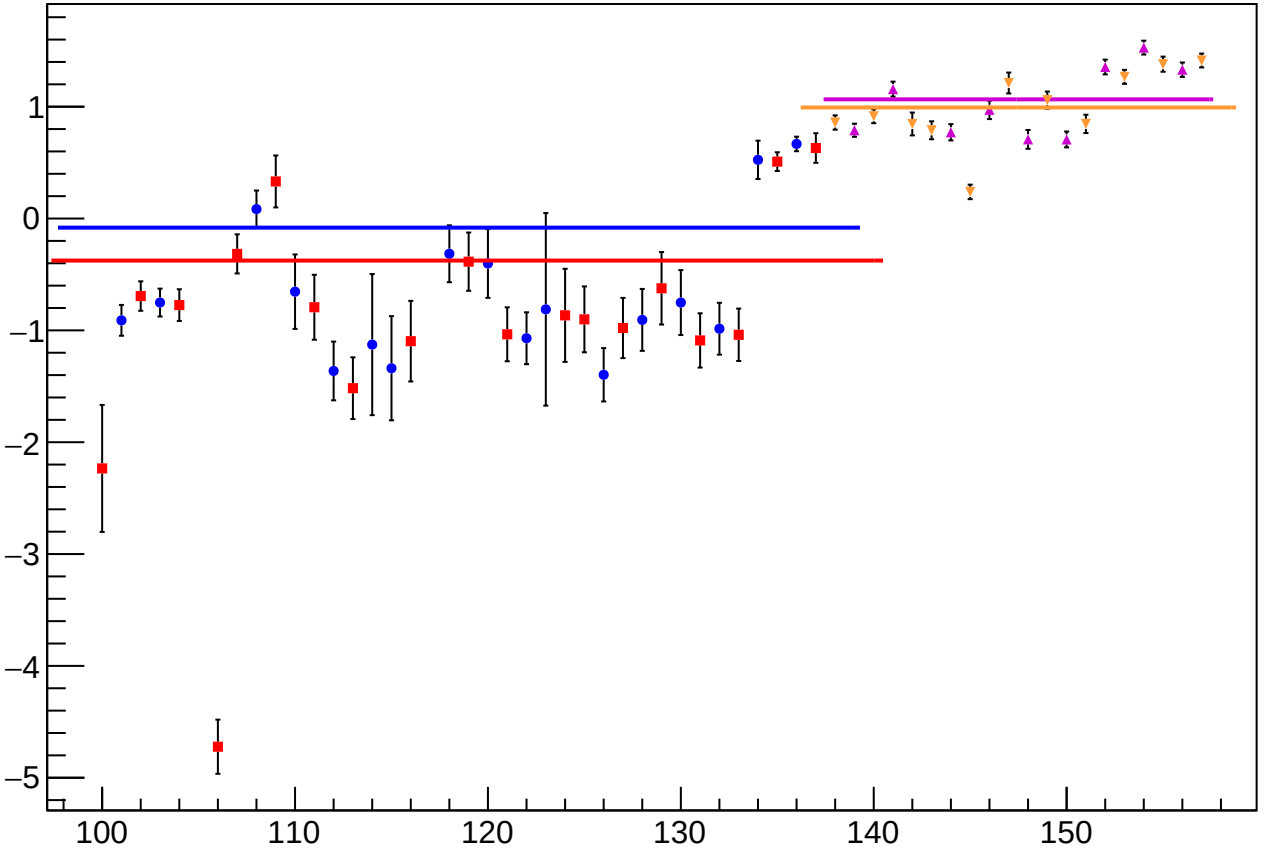
Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -100.859+/-0.426 χ^2/NDF:1542.0/25

Out: -102.920+/-0.406 χ^2/NDF:1163.2/29

All: -101.938+/-0.294 χ^2/NDF: 2717.4/55

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: 0.993+/-0.022 χ^2/NDF:257.3/10

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 1.066+/-0.023 χ^2/NDF:176.8/8

Left: 1.027+/-0.016 χ^2/NDF: 439.5/19

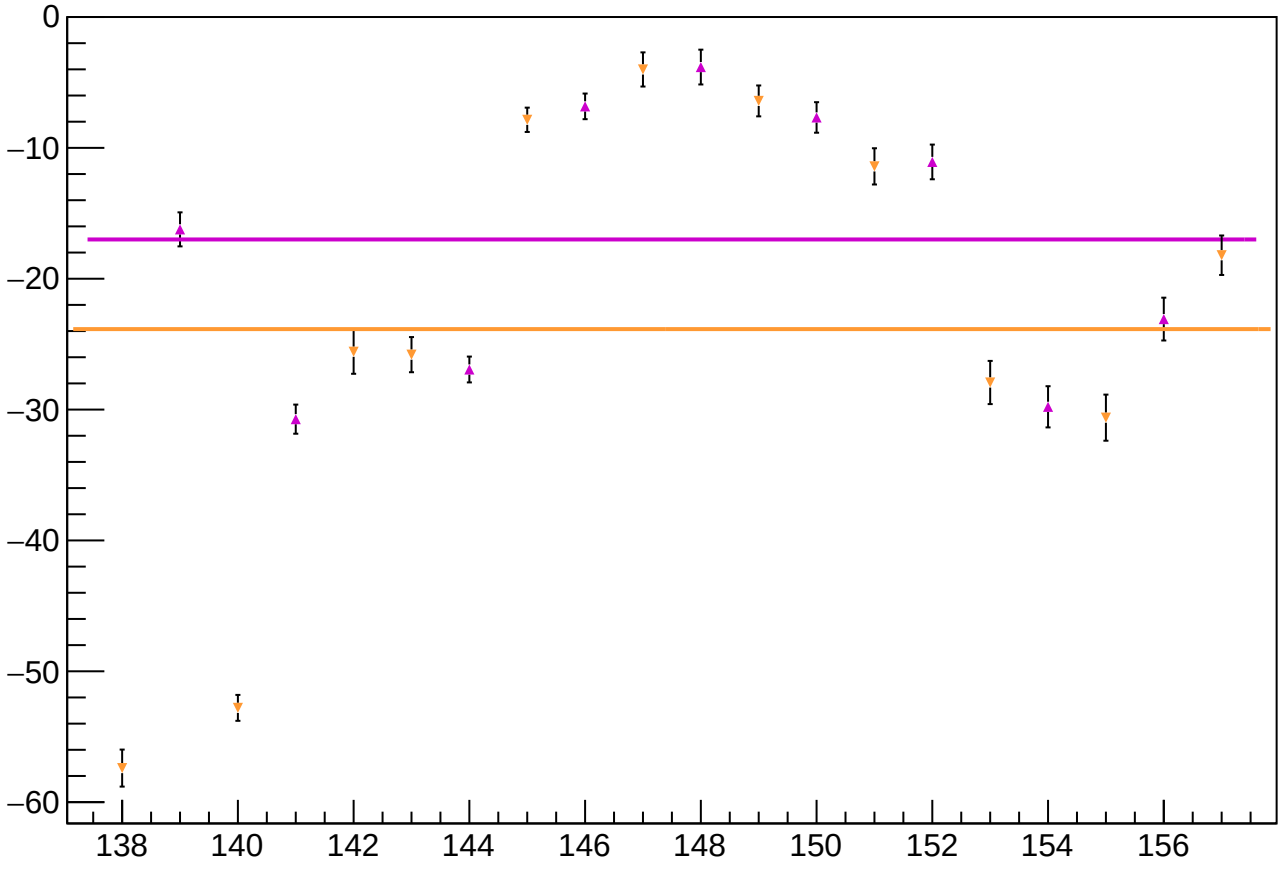
Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.805+/-0.020 χ^2/NDF:1077.7/25

Out: 0.728+/-0.019 χ^2/NDF:1624.3/29

All: 0.765+/-0.014 χ^2/NDF: 2709.8/55

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: -23.850+/-0.391 χ^2/NDF:2281.3/10

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

Left In: -17.000+/-0.404 χ^2/NDF:623.5/8

Left: -20.540+/-0.281 χ^2/NDF: 3053.1/19

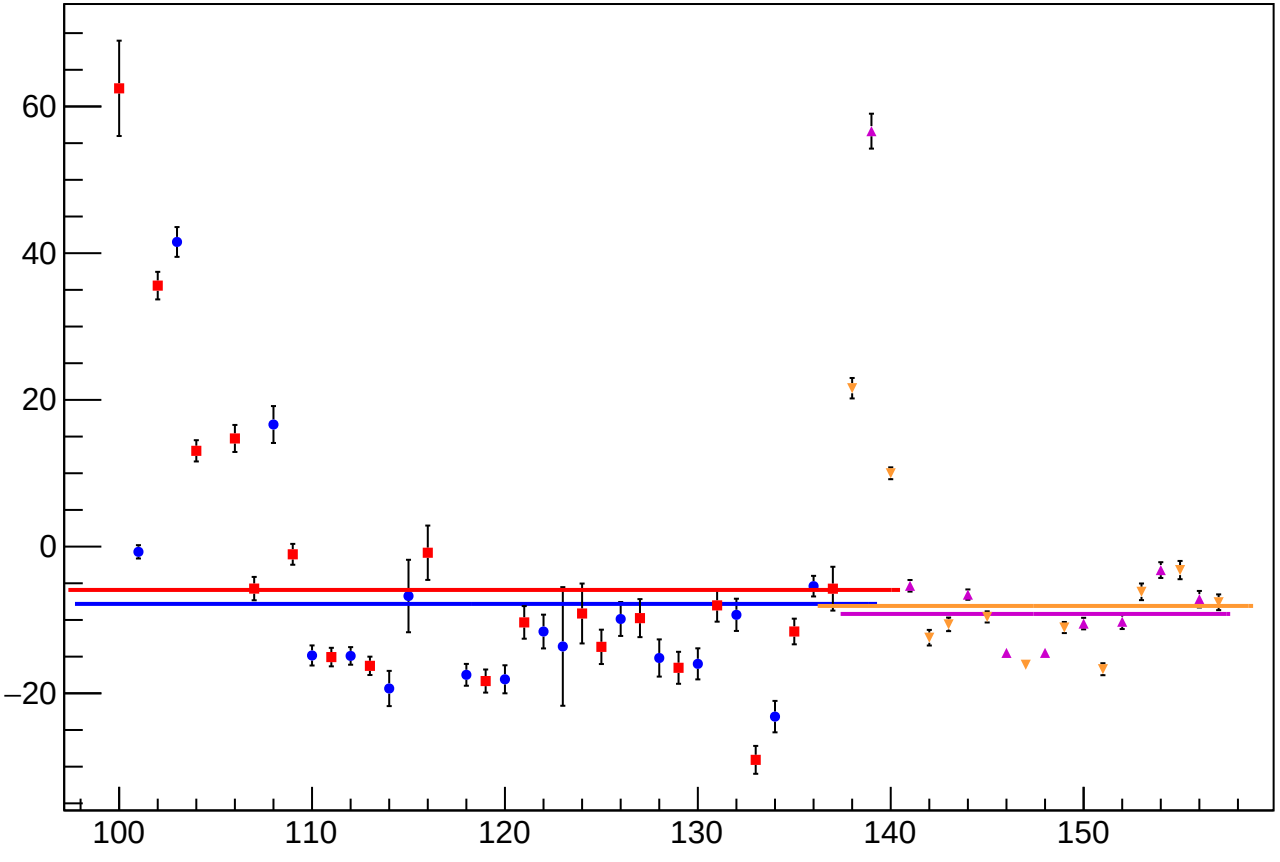
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.000+/-0.404 χ^2/NDF:623.5/8

Out: -23.850+/-0.391 χ^2/NDF:2281.3/10

All: -20.540+/-0.281 χ^2/NDF: 3053.1/19

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: -8.089+/-0.268 χ^2/NDF:1292.5/10

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -9.179+/-0.277 χ^2/NDF:981.2/8

Left: -8.617+/-0.192 χ^2/NDF: 2281.7/19

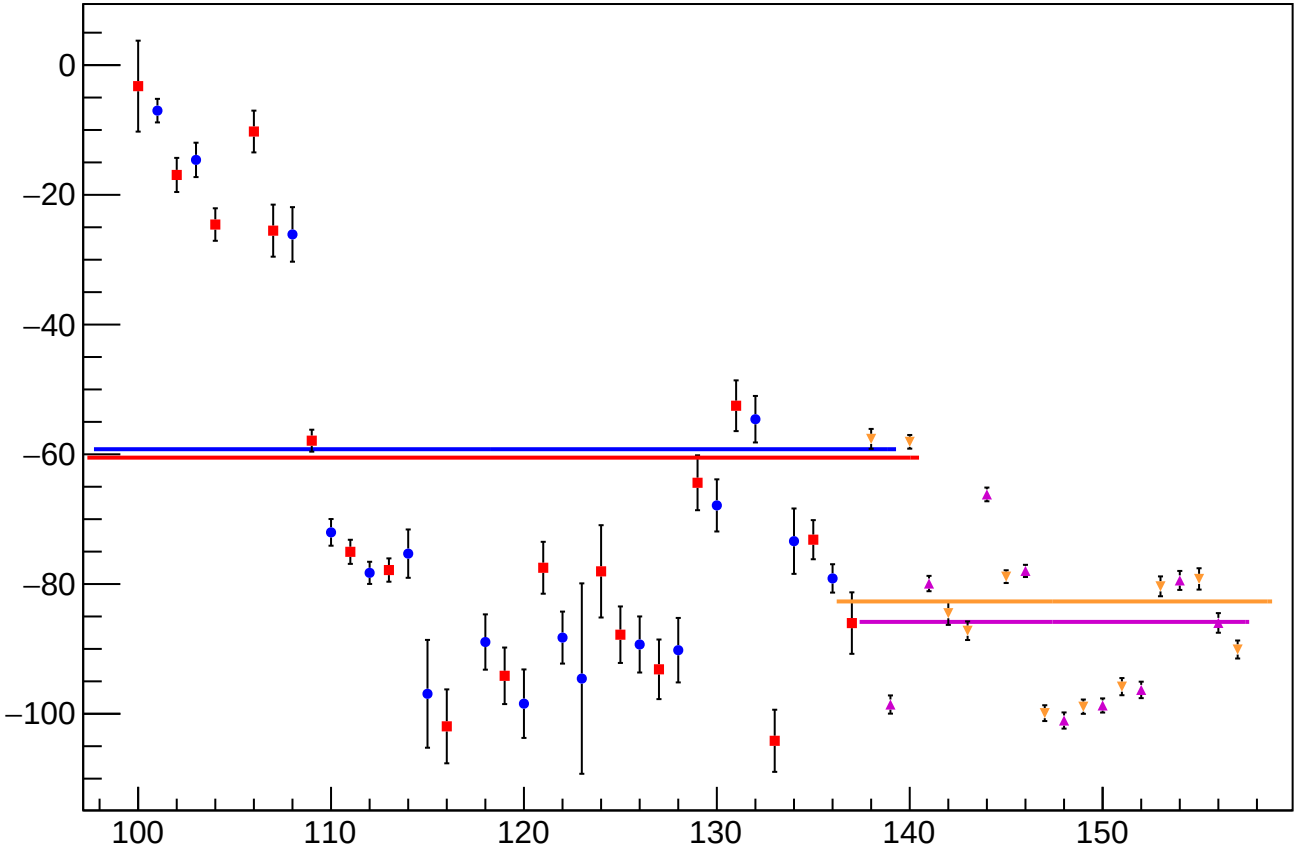
Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -8.776+/-0.232 χ^2/NDF:1971.2/25

Out: -7.477+/-0.227 χ^2/NDF:2604.1/29

All: -8.112+/-0.162 χ^2/NDF: 4591.2/55

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: -82.683+/-0.391 χ^2/NDF:1387.2/10

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -85.836+/-0.400 χ^2/NDF:897.8/8

Left: -84.225+/-0.280 χ^2/NDF: 2316.7/19

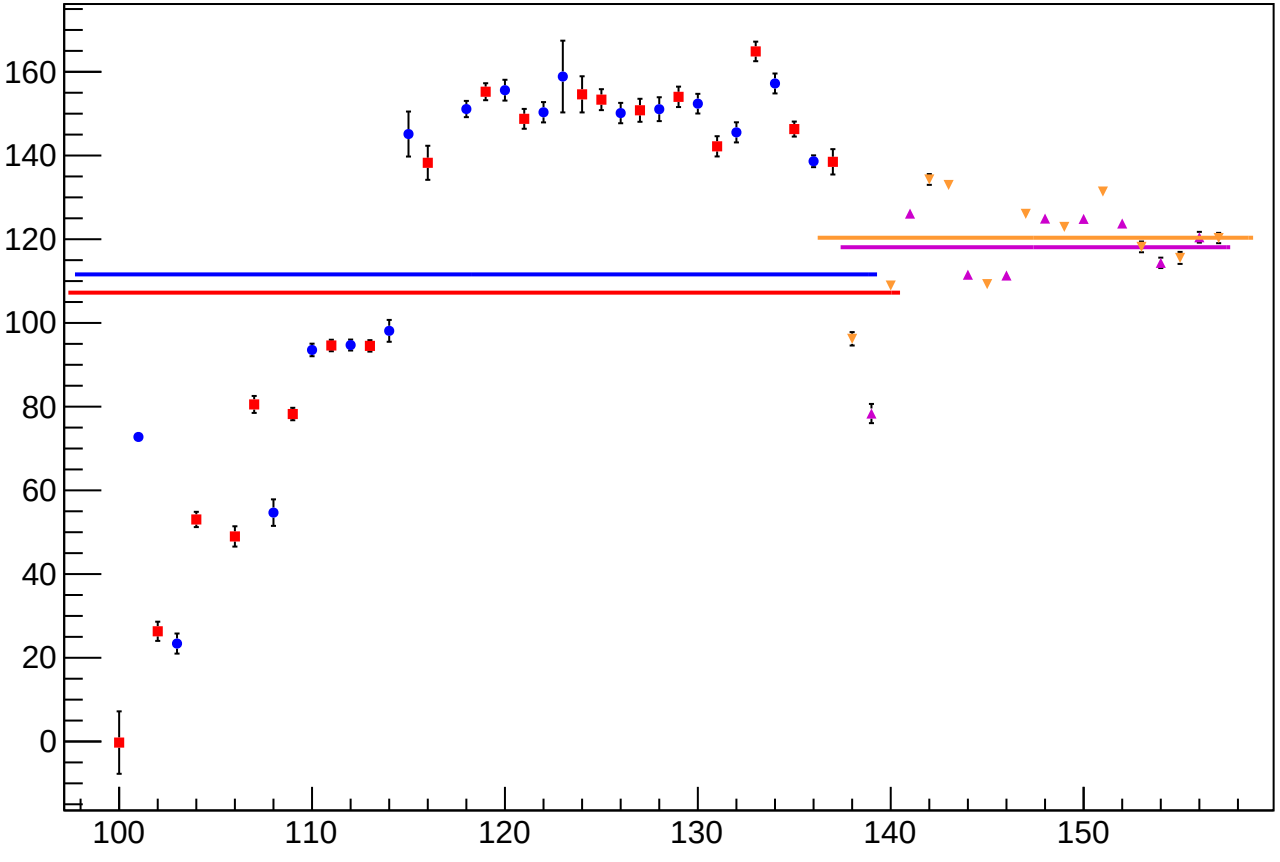
Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -79.865+/-0.352 χ^2/NDF:3612.0/25

Out: -77.454+/-0.342 χ^2/NDF:3528.5/29

All: -78.624+/-0.245 χ^2/NDF: 7164.6/55

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: 120.358+/-0.327 χ^2/NDF:946.8/10

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 118.090+/-0.337 χ^2/NDF:657.8/8

Left: 119.259+/-0.234 χ^2/NDF: 1628.0/19

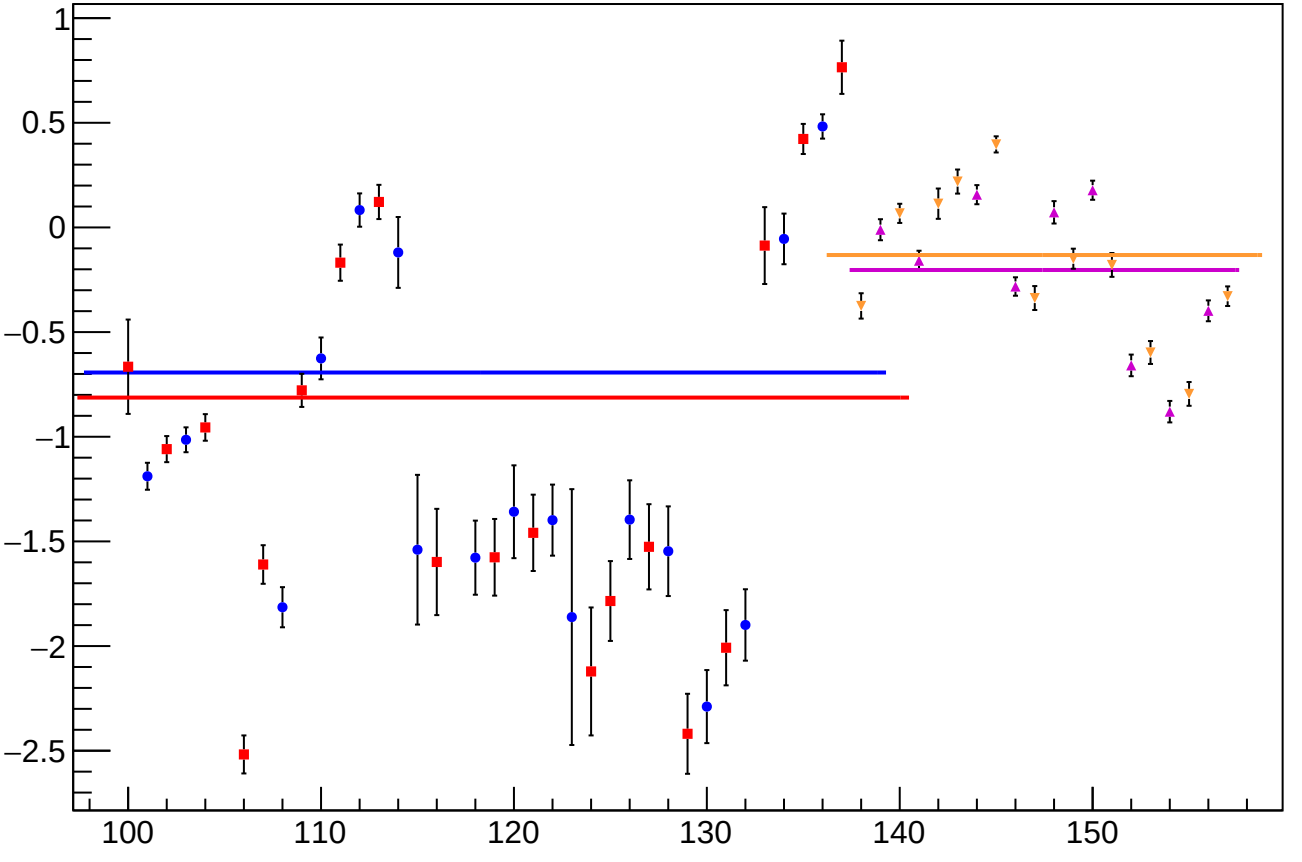
Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 115.987+/-0.277 χ^2/NDF:6737.6/25

Out: 116.296+/-0.271 χ^2/NDF:8483.9/29

All: 116.145+/-0.194 χ^2/NDF: 15222.1/55

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: -0.132+/-0.016 χ^2/NDF:511.4/10

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.203+/-0.016 χ^2/NDF:444.3/8

Left: -0.166+/-0.011 χ^2/NDF: 965.7/19

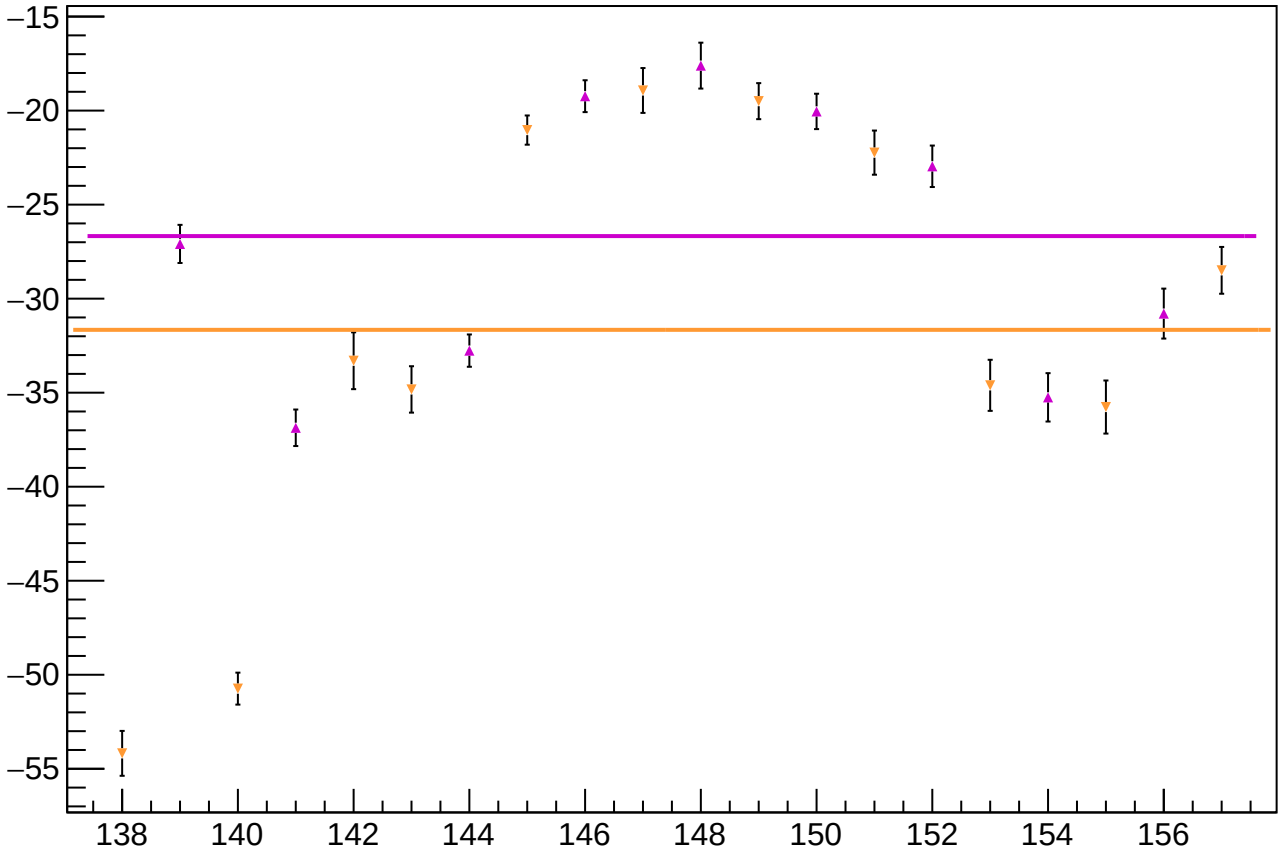
Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.342+/-0.014 χ^2/NDF:1696.4/25

Out: -0.332+/-0.013 χ^2/NDF:2375.3/29

All: -0.337+/-0.010 χ^2/NDF: 4072.0/55

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: -31.658+/-0.332 χ^2/NDF:1413.8/10

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

Left In: -26.673+/-0.341 χ^2/NDF:408.0/8

Left: -29.232+/-0.238 χ^2/NDF: 1931.3/19

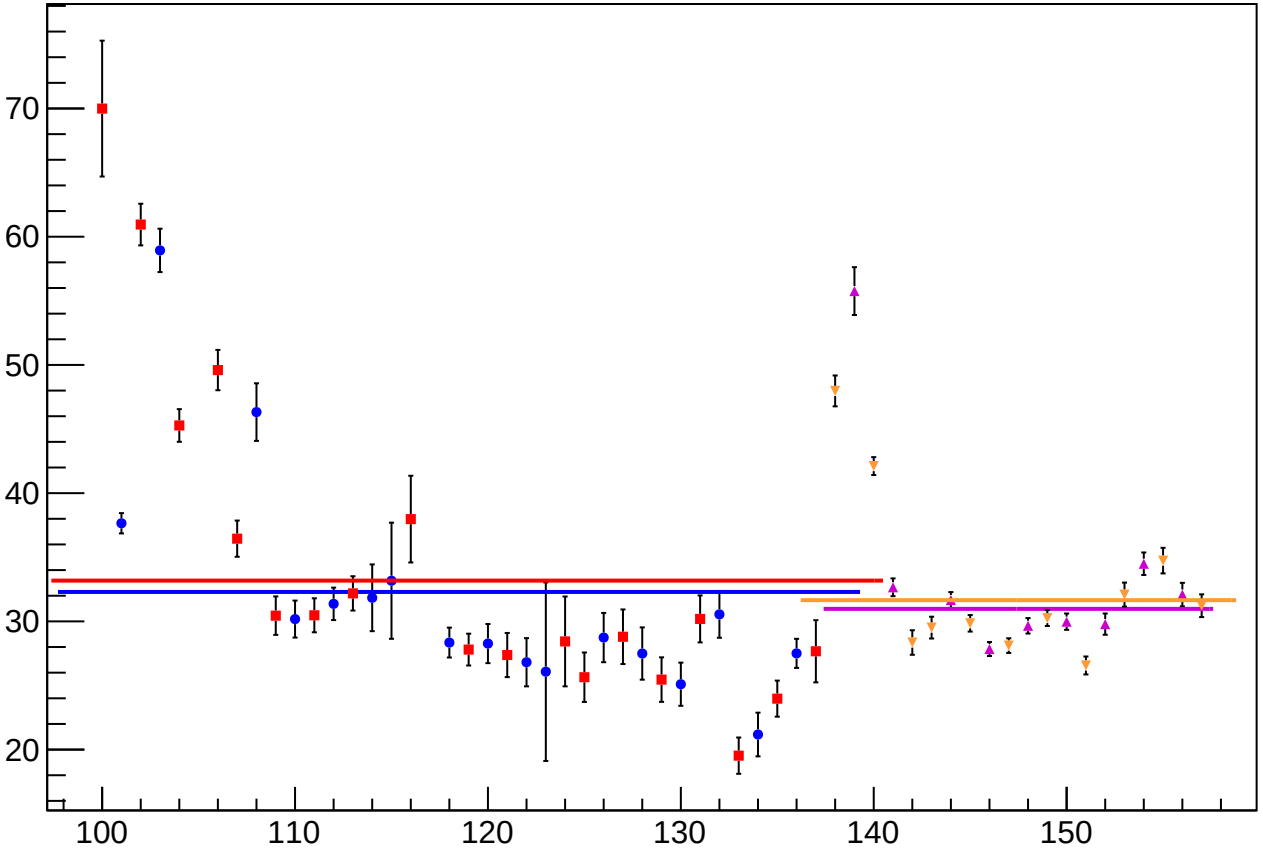
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -26.673+/-0.341 χ^2/NDF:408.0/8

Out: -31.658+/-0.332 χ^2/NDF:1413.8/10

All: -29.232+/-0.238 χ^2/NDF: 1931.3/19

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: 31.654+/-0.231 χ^2/NDF:541.0/10

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 30.975+/-0.239 χ^2/NDF:243.5/8

Left: 31.326+/-0.166 χ^2/NDF: 788.6/19

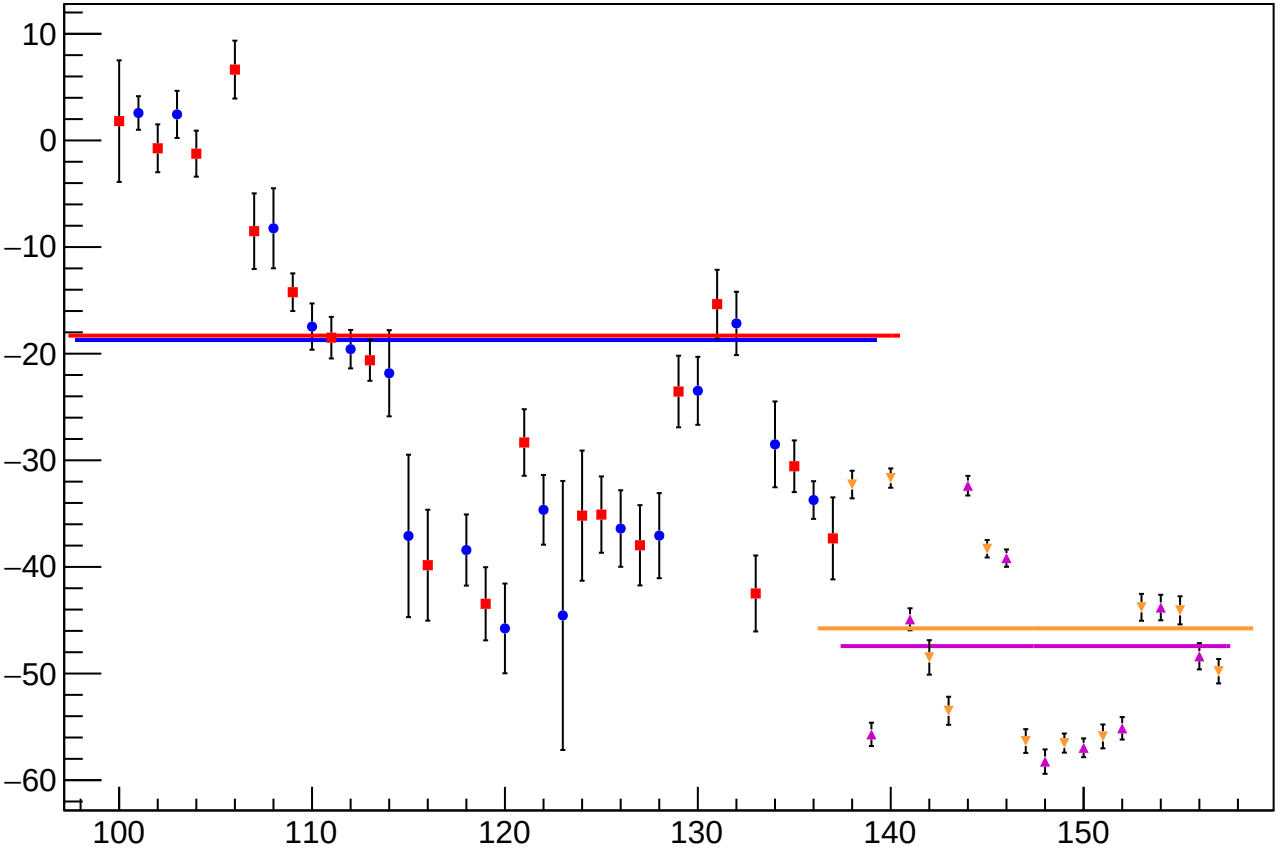
Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 31.360+/-0.201 χ^2/NDF:704.6/25

Out: 32.066+/-0.197 χ^2/NDF:1323.0/29

All: 31.720+/-0.141 χ^2/NDF: 2033.9/55

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: -45.760+/-0.332 χ^2/NDF:803.7/10

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -47.427+/-0.338 χ^2/NDF:703.2/8

Left: -46.579+/-0.237 χ^2/NDF: 1519.2/19

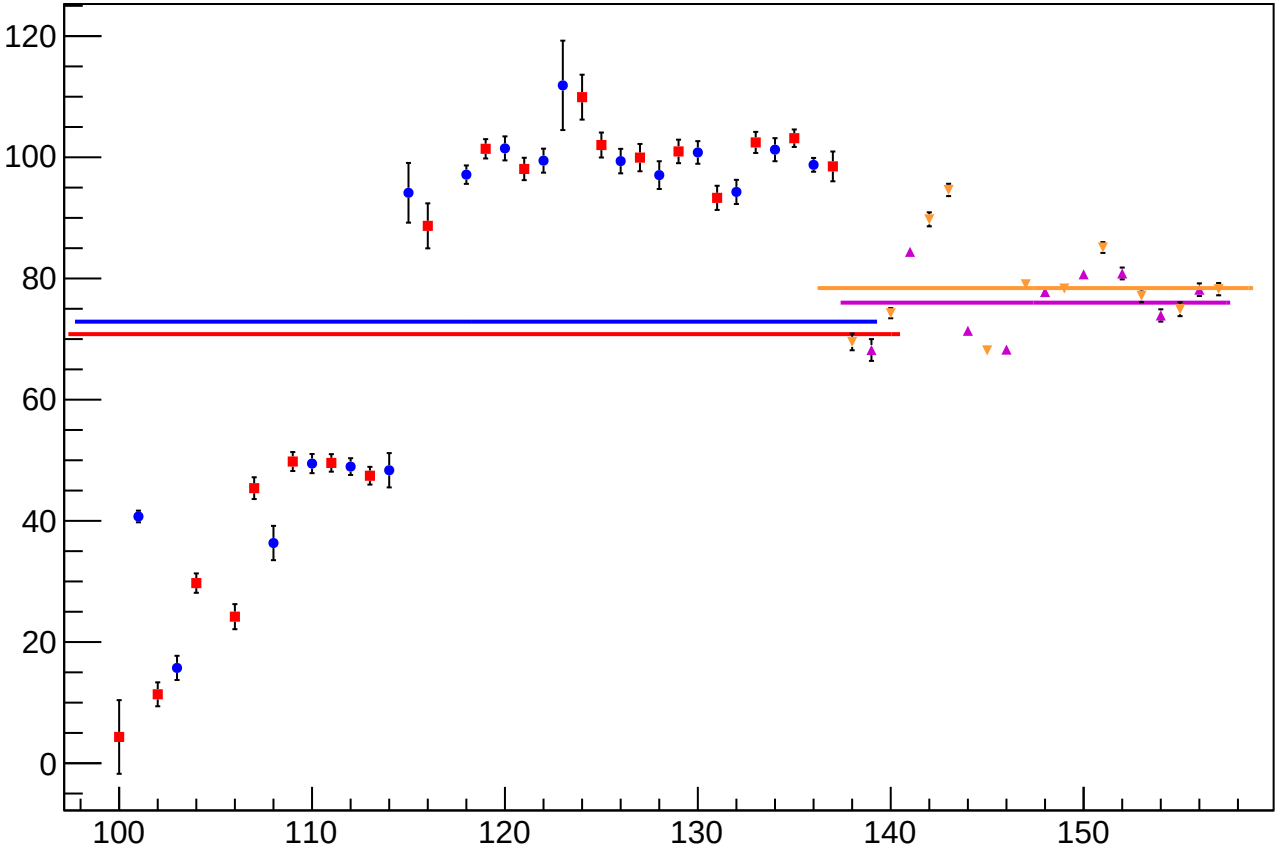
Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -41.551+/-0.301 χ^2/NDF:2703.0/25

Out: -39.993+/-0.295 χ^2/NDF:2714.0/29

All: -40.756+/-0.211 χ^2/NDF: 5430.7/55

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: 78.416+/-0.280 χ^2/NDF:674.8/10

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 76.013+/-0.288 χ^2/NDF:369.9/8

Left: 77.251+/-0.201 χ^2/NDF: 1080.4/19

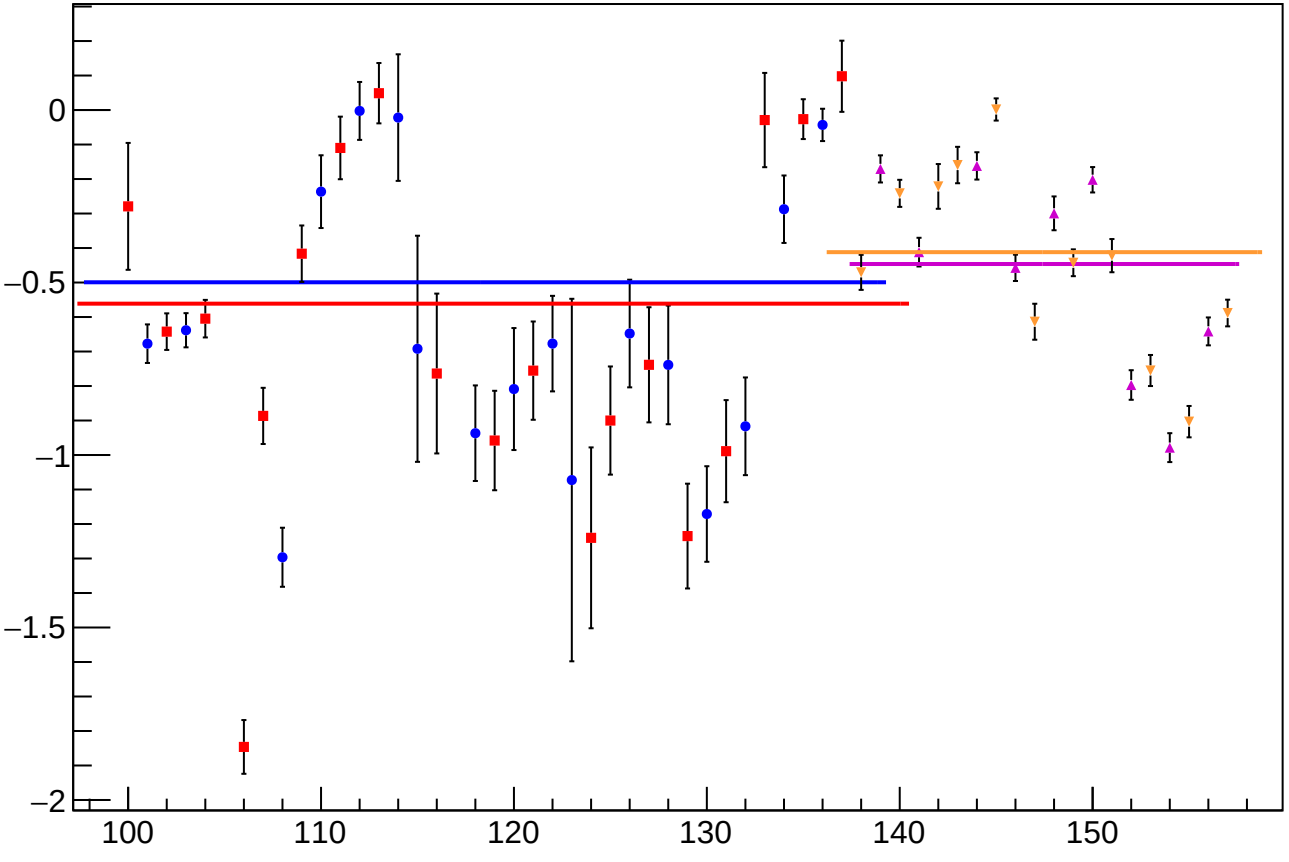
Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 75.027+/-0.239 χ^2/NDF:5145.0/25

Out: 76.180+/-0.235 χ^2/NDF:6381.4/29

All: 75.613+/-0.167 χ^2/NDF: 11538.2/55

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: -0.412+/-0.013 χ^2/NDF:428.2/10

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.446+/-0.014 χ^2/NDF:406.0/8

Left: -0.429+/-0.009 χ^2/NDF: 837.5/19

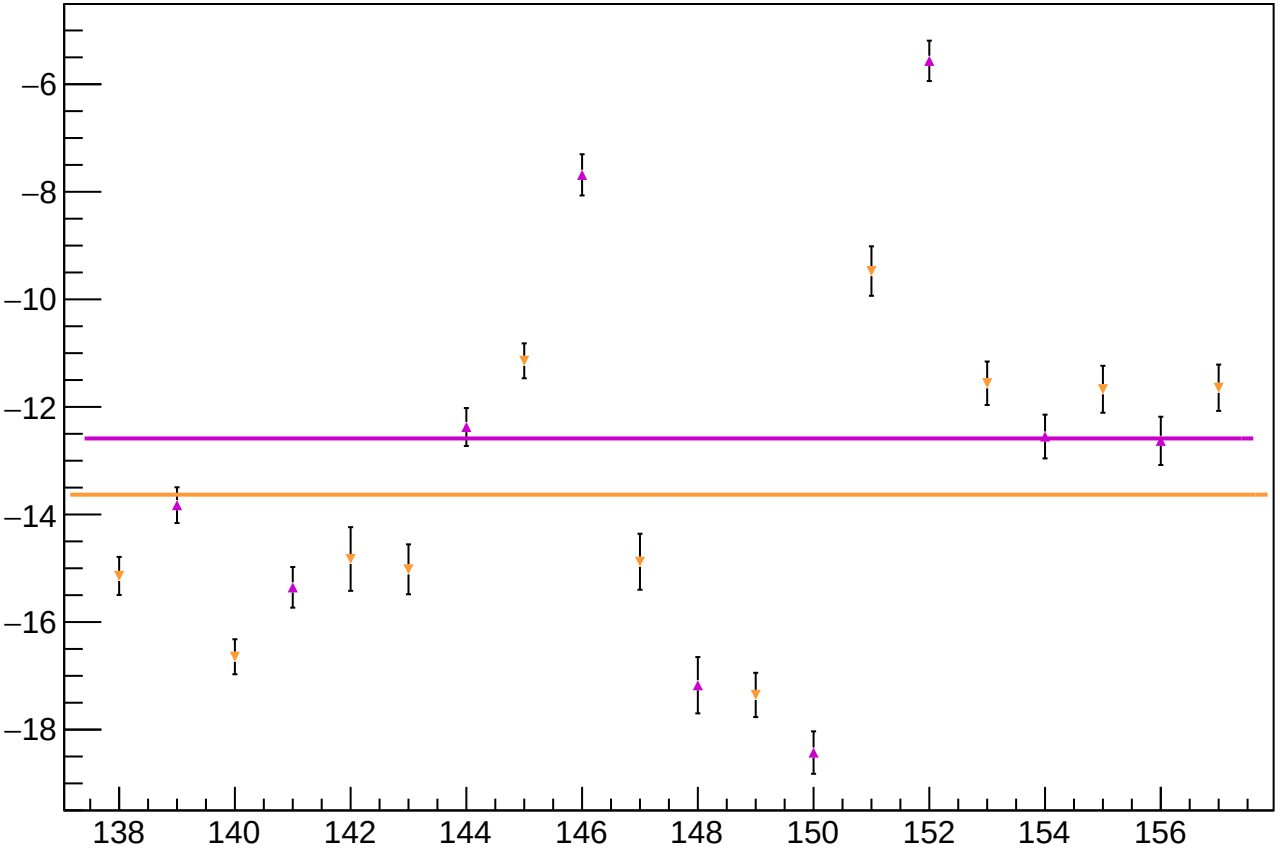
Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.461+/-0.012 χ^2/NDF:713.6/25

Out: -0.453+/-0.011 χ^2/NDF:1025.8/29

All: -0.457+/-0.008 χ^2/NDF: 1739.6/55

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: -13.631+/-0.124 χ^2/NDF:412.8/10

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

Left In: -12.586+/-0.130 χ^2/NDF:877.1/8

Left: -13.136+/-0.090 χ^2/NDF: 1323.8/19

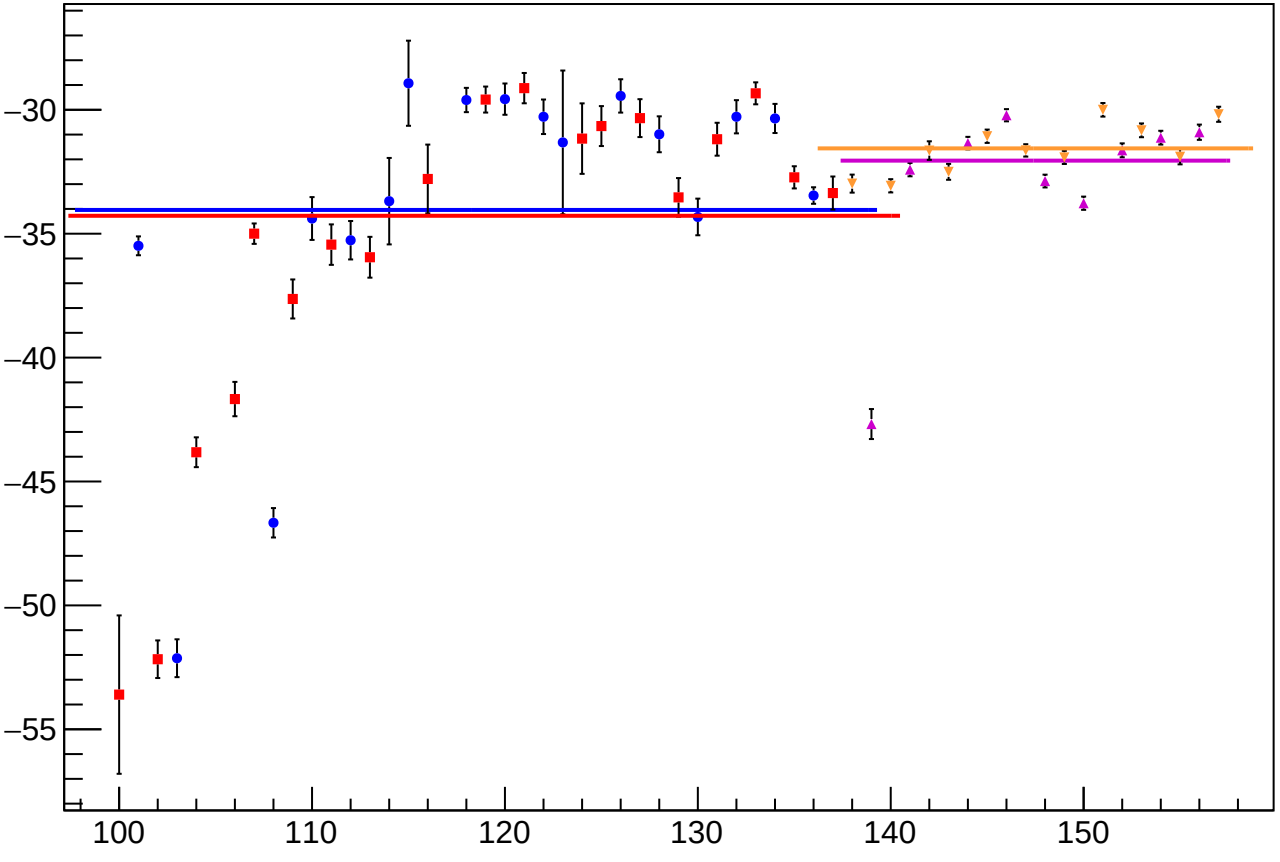
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.586+/-0.130 χ^2/NDF:877.1/8

Out: -13.631+/-0.124 χ^2/NDF:412.8/10

All: -13.136+/-0.090 χ^2/NDF: 1323.8/19

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: -31.557+/-0.088 χ^2/NDF:121.8/10

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -32.052+/-0.094 χ^2/NDF:451.8/8

Left: -31.788+/-0.064 χ^2/NDF: 588.4/19

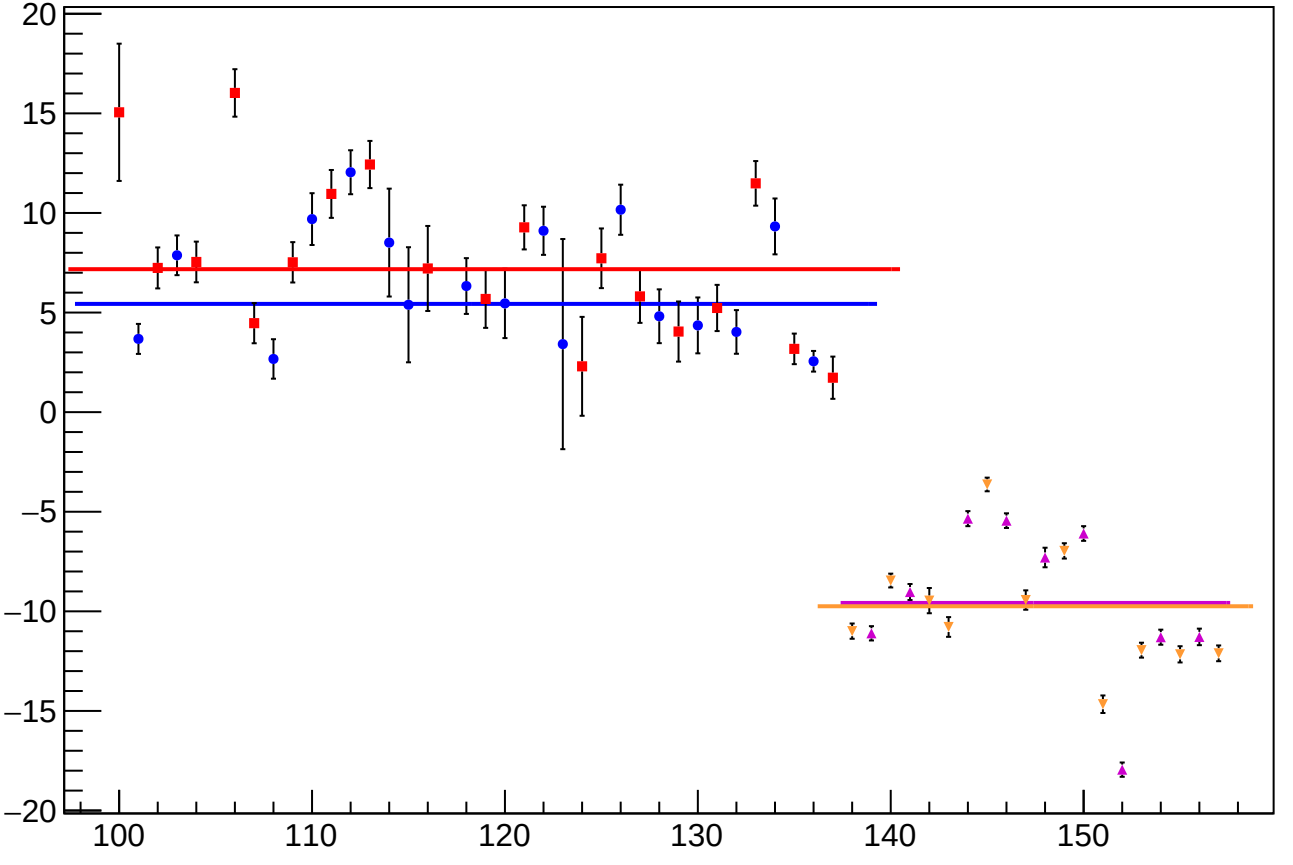
Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -32.608+/-0.080 χ^2/NDF:1918.2/25

Out: -32.245+/-0.076 χ^2/NDF:1714.1/29

All: -32.418+/-0.055 χ^2/NDF: 3643.2/55

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: -9.745+/-0.123 χ^2/NDF:629.5/10

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -9.579+/-0.129 χ^2/NDF:963.3/8

Left: -9.666+/-0.089 χ^2/NDF: 1593.7/19

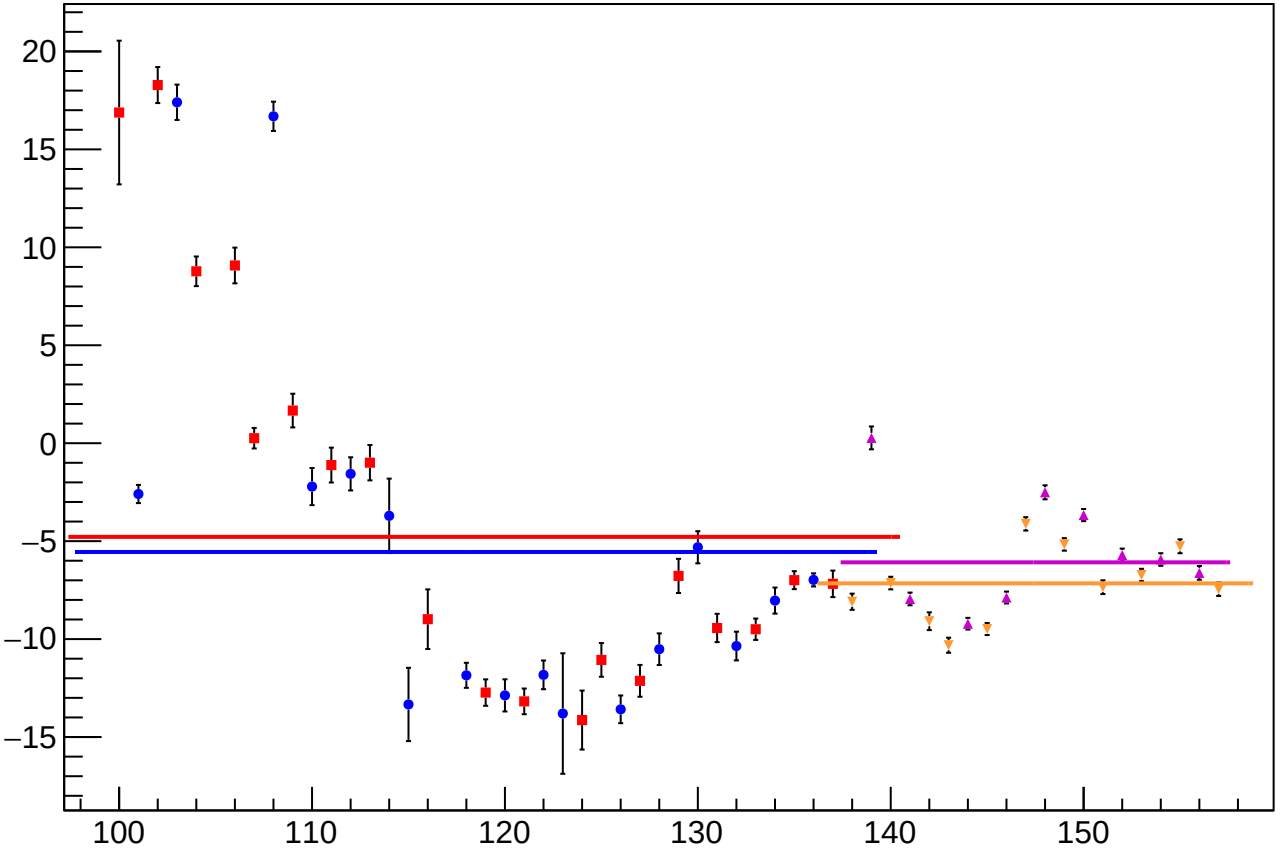
Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -6.792+/-0.116 χ^2/NDF:3621.4/25

Out: -6.901+/-0.112 χ^2/NDF:3981.4/29

All: -6.848+/-0.081 χ^2/NDF: 7603.3/55

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: -7.154+/-0.105 χ^2/NDF:296.6/10

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -6.082+/-0.112 χ^2/NDF:460.6/8

Left: -6.652+/-0.077 χ^2/NDF: 805.8/19

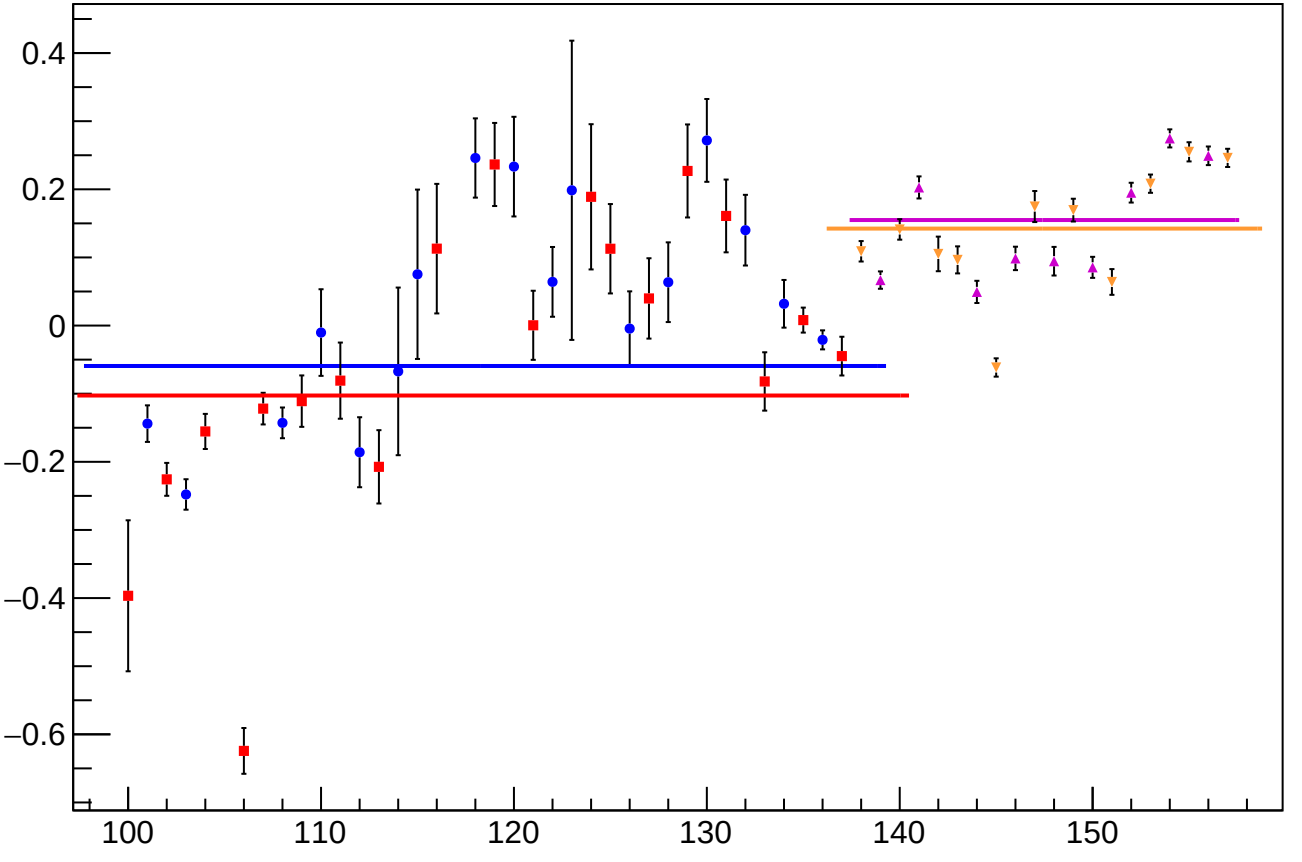
Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -5.921+/-0.094 χ^2/NDF:2592.6/25

Out: -6.512+/-0.090 χ^2/NDF:2474.4/29

All: -6.228+/-0.065 χ^2/NDF: 5087.7/55

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: 0.142+/-0.005 χ^2/NDF:412.7/10

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.155+/-0.005 χ^2/NDF:274.4/8

Left: 0.148+/-0.003 χ^2/NDF: 690.4/19

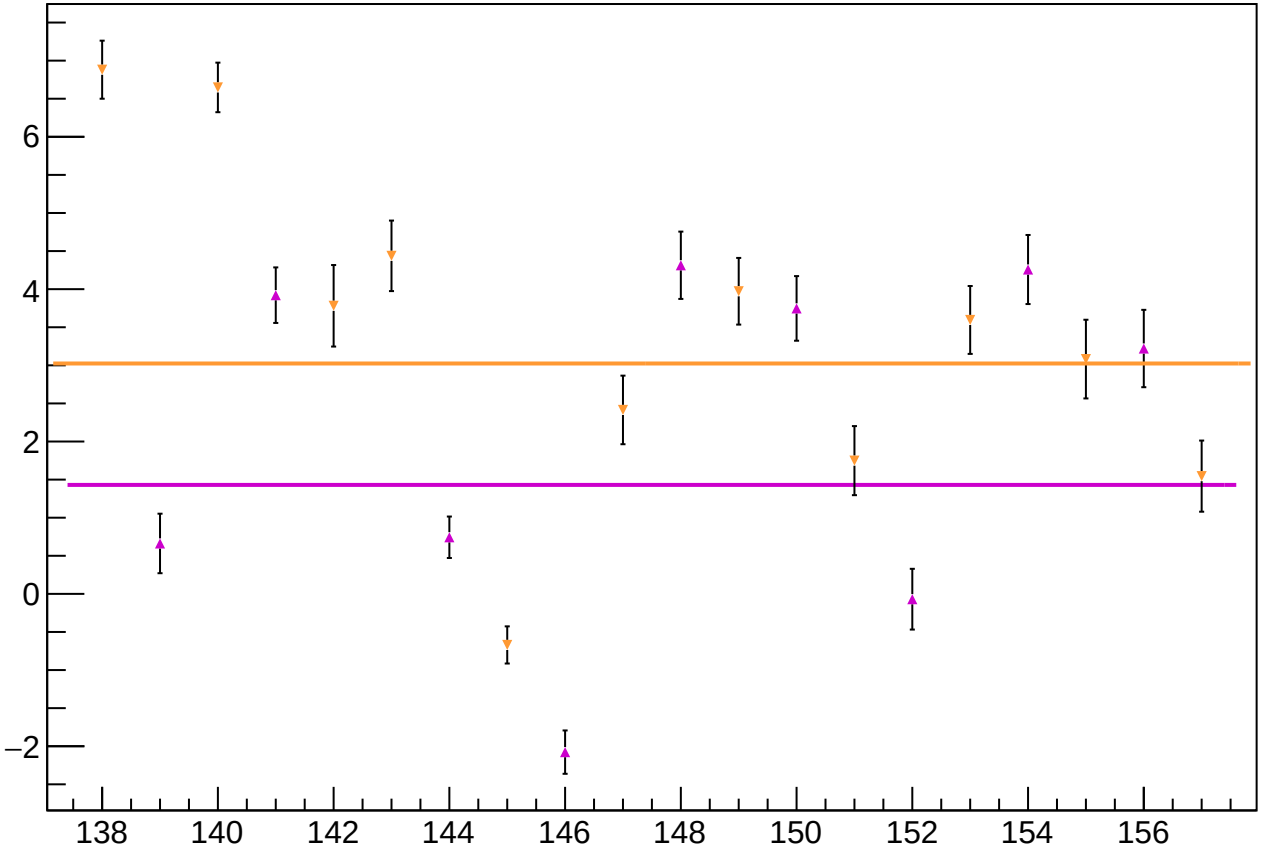
Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.098+/-0.004 χ^2/NDF:971.0/25

Out: 0.082+/-0.004 χ^2/NDF:1485.9/29

All: 0.090+/-0.003 χ^2/NDF: 2464.2/55

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: 3.024+/-0.120 χ^2/NDF:493.5/10

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

Left In: 1.430+/-0.123 χ^2/NDF:346.8/8

Left: 2.251+/-0.086 χ^2/NDF: 926.3/19

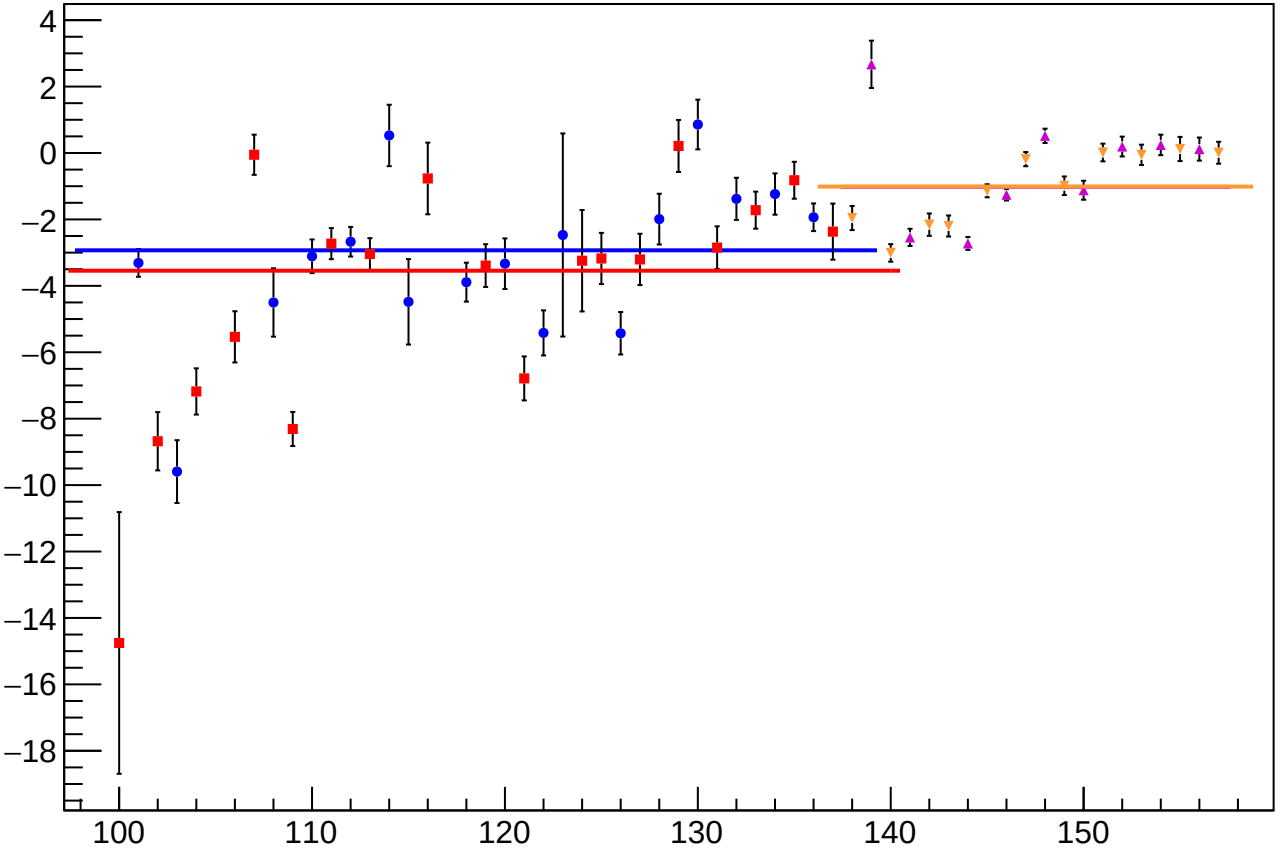
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.430+/-0.123 χ^2/NDF:346.8/8

Out: 3.024+/-0.120 χ^2/NDF:493.5/10

All: 2.251+/-0.086 χ^2/NDF: 926.3/19

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: -1.012+/-0.084 χ^2/NDF:148.8/10

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -1.020+/-0.084 χ^2/NDF:235.1/8

Left: -1.016+/-0.059 χ^2/NDF: 383.9/19

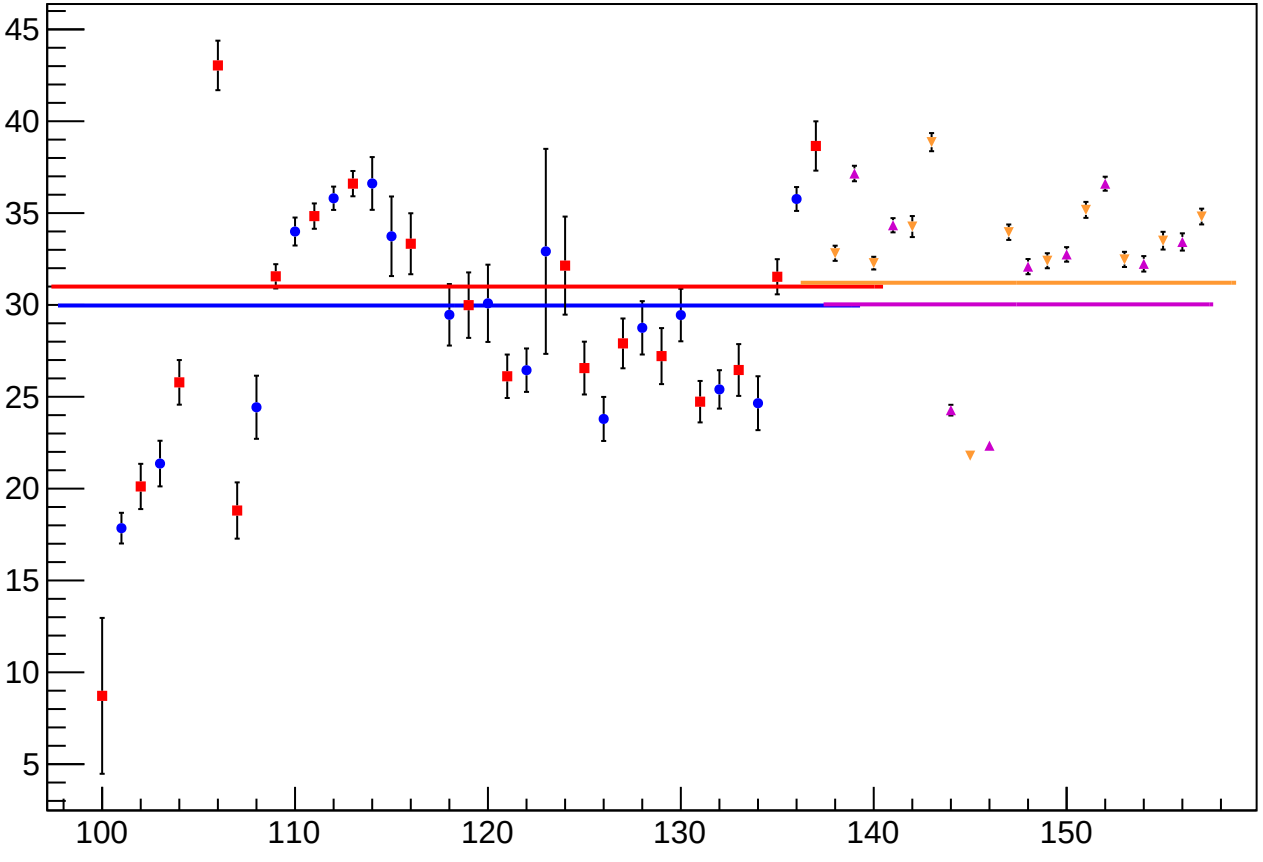
Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -1.462+/-0.074 χ^2/NDF:499.9/25

Out: -1.585+/-0.074 χ^2/NDF:647.9/29

All: -1.524+/-0.052 χ^2/NDF: 1149.2/55

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: 31.208+/-0.121 χ^2/NDF:1844.5/10

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 30.031+/-0.122 χ^2/NDF:2040.2/8

Left: 30.628+/-0.086 χ^2/NDF: 3931.6/19

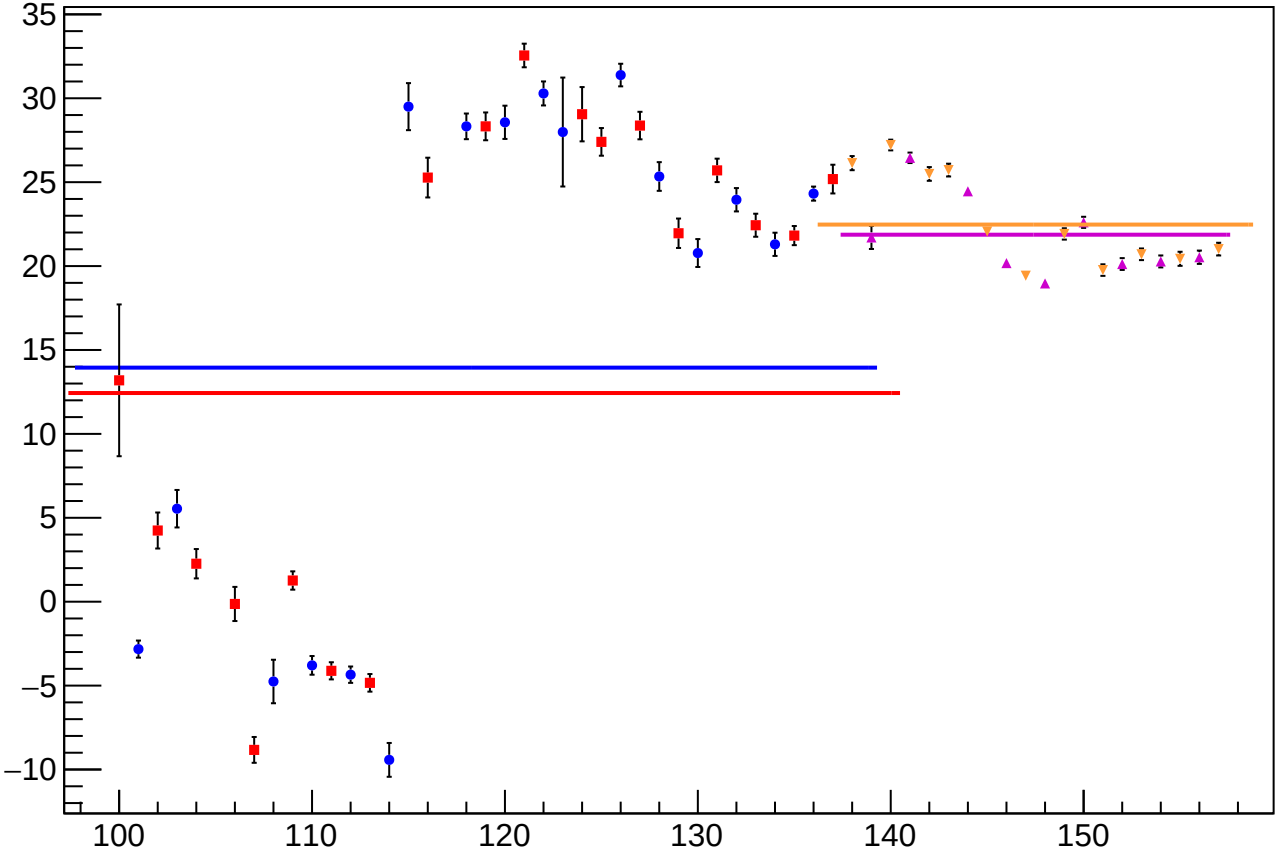
Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 30.020+/-0.111 χ^2/NDF:2594.5/25

Out: 31.171+/-0.109 χ^2/NDF:2324.6/29

All: 30.605+/-0.078 χ^2/NDF: 4973.5/55

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: 22.473+/-0.101 χ^2/NDF:662.0/10

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 21.870+/-0.103 χ^2/NDF:555.2/8

Left: 22.176+/-0.072 χ^2/NDF: 1234.6/19

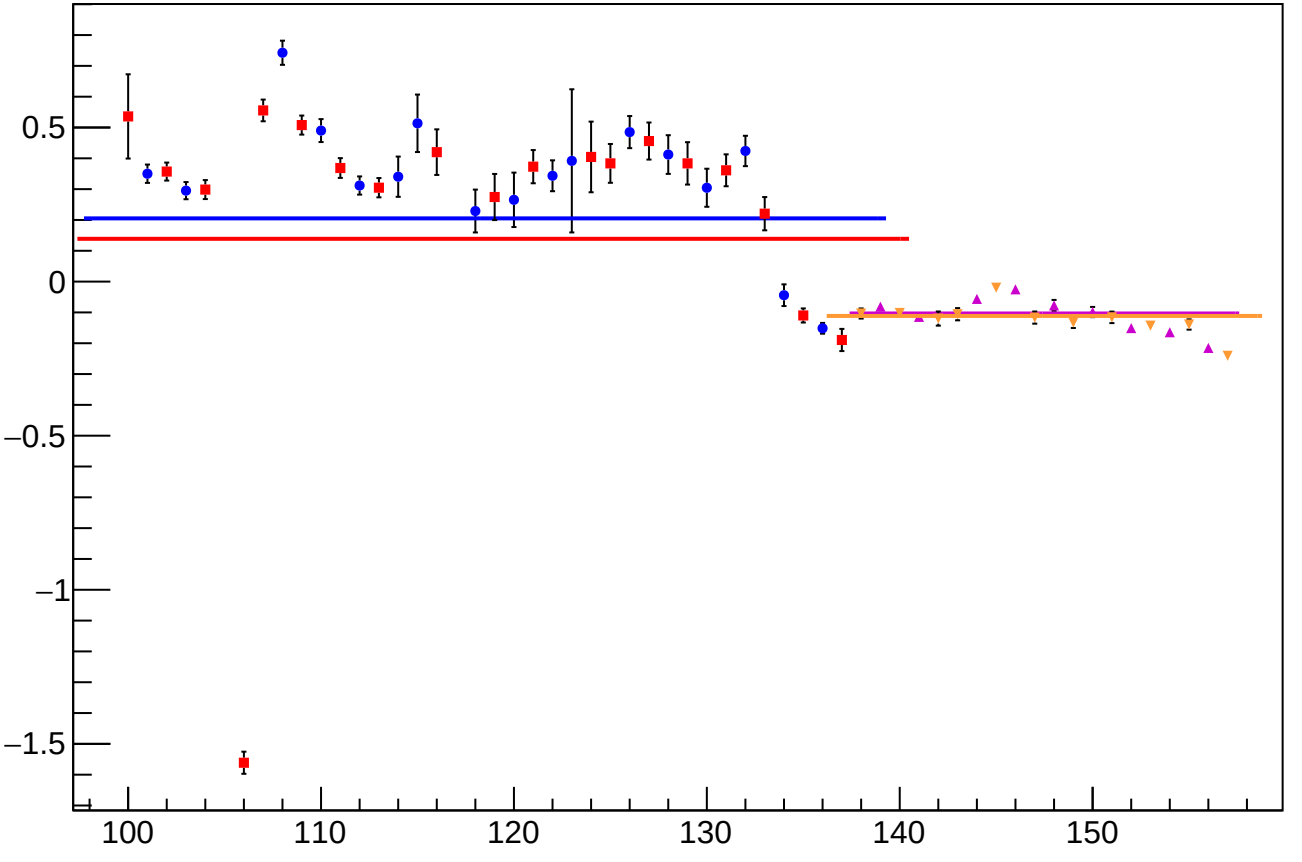
Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 19.779+/-0.088 χ^2/NDF:9509.1/25

Out: 19.923+/-0.088 χ^2/NDF:10117.0/29

All: 19.852+/-0.062 χ^2/NDF: 19627.5/55

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: -0.111+/-0.005 χ^2/NDF:170.4/10

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.103+/-0.005 χ^2/NDF:135.7/8

Left: -0.108+/-0.003 χ^2/NDF: 307.5/19

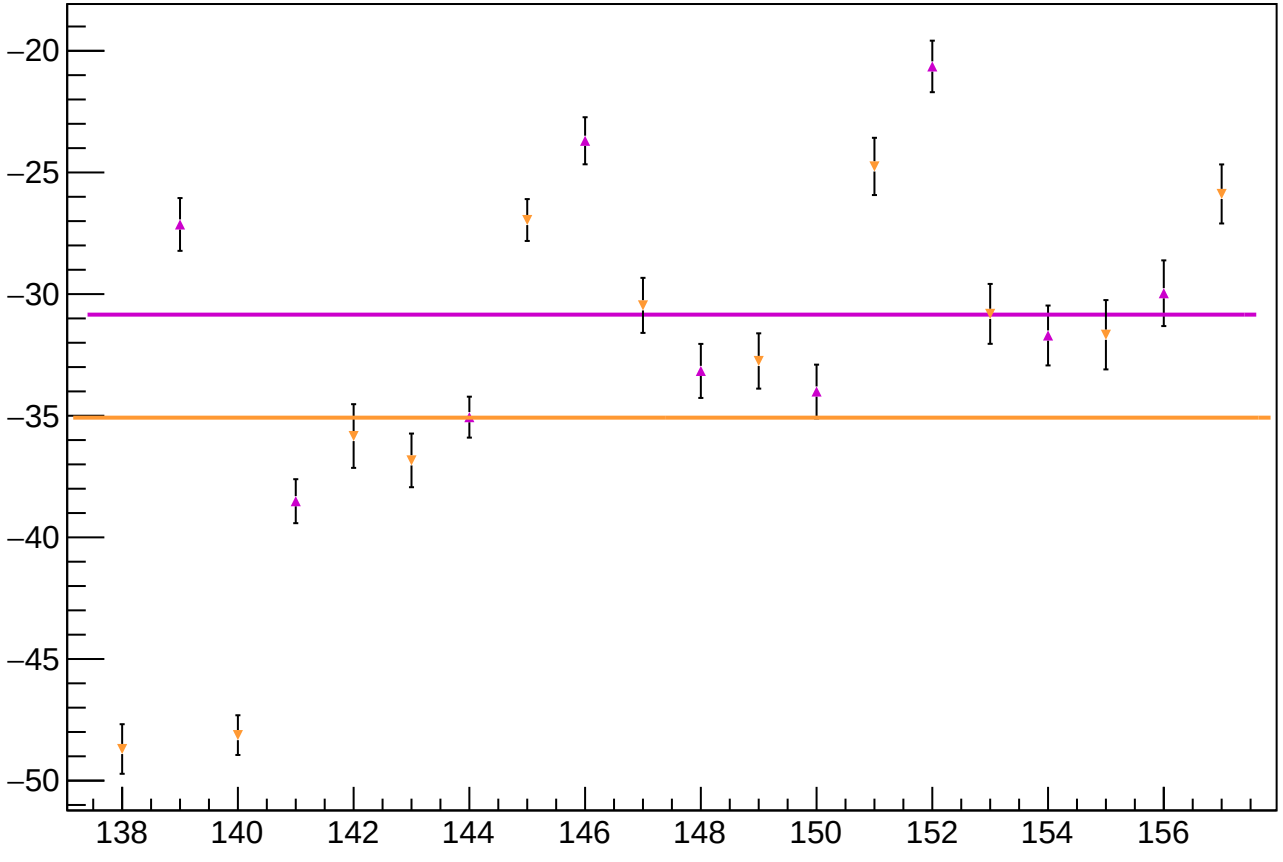
Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: -0.036+/-0.004 χ^2/NDF:1831.1/25

Out: -0.058+/-0.004 χ^2/NDF:3770.1/29

All: -0.047+/-0.003 χ^2/NDF: 5614.3/55

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: -35.079+/-0.327 χ^2/NDF:699.0/10

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

Left In: -30.844+/-0.347 χ^2/NDF:269.5/8

Left: -33.087+/-0.238 χ^2/NDF: 1047.2/19

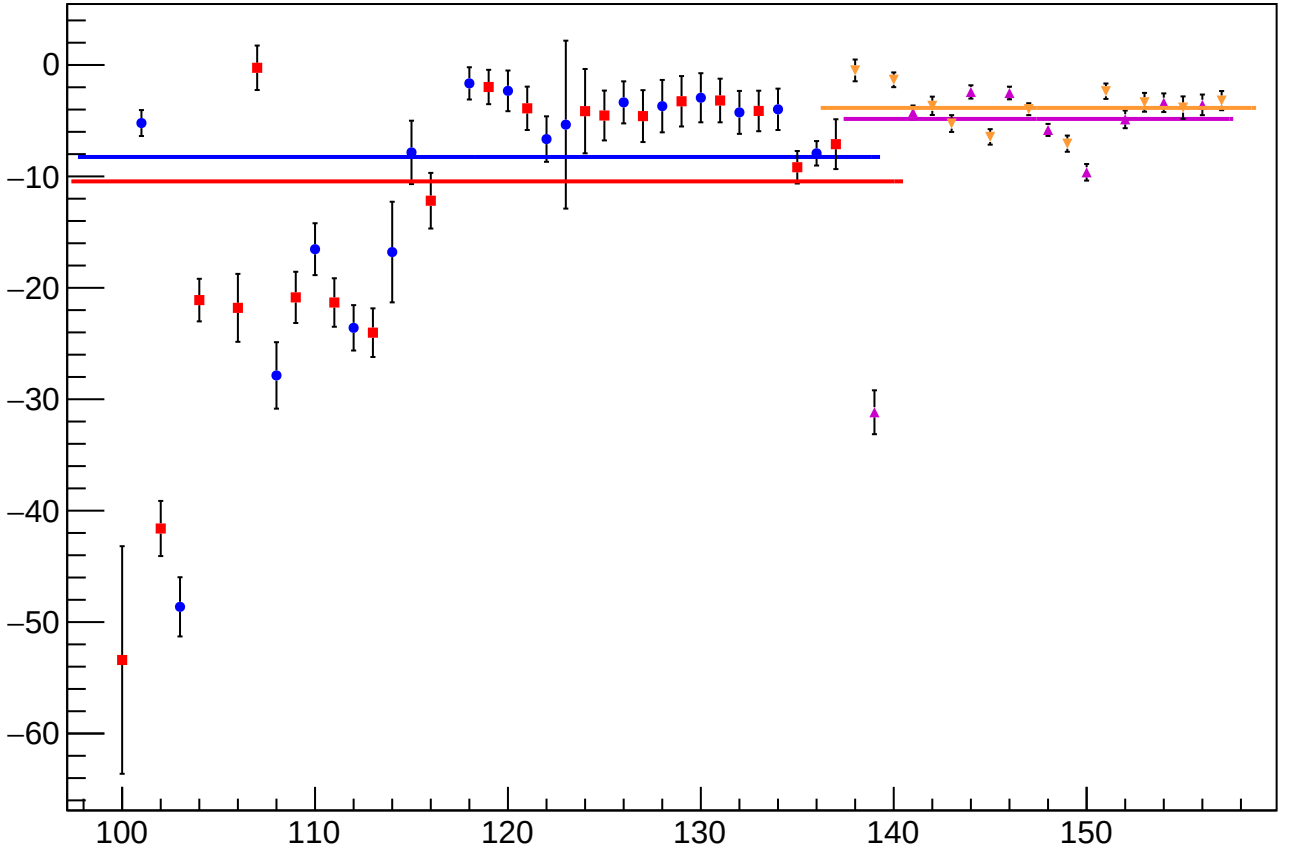
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.844+/-0.347 χ^2/NDF:269.5/8

Out: -35.079+/-0.327 χ^2/NDF:699.0/10

All: -33.087+/-0.238 χ^2/NDF: 1047.2/19

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: -3.852+/-0.225 χ^2/NDF:69.1/10

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -4.841+/-0.236 χ^2/NDF:262.2/8

Left: -4.323+/-0.163 χ^2/NDF: 340.5/19

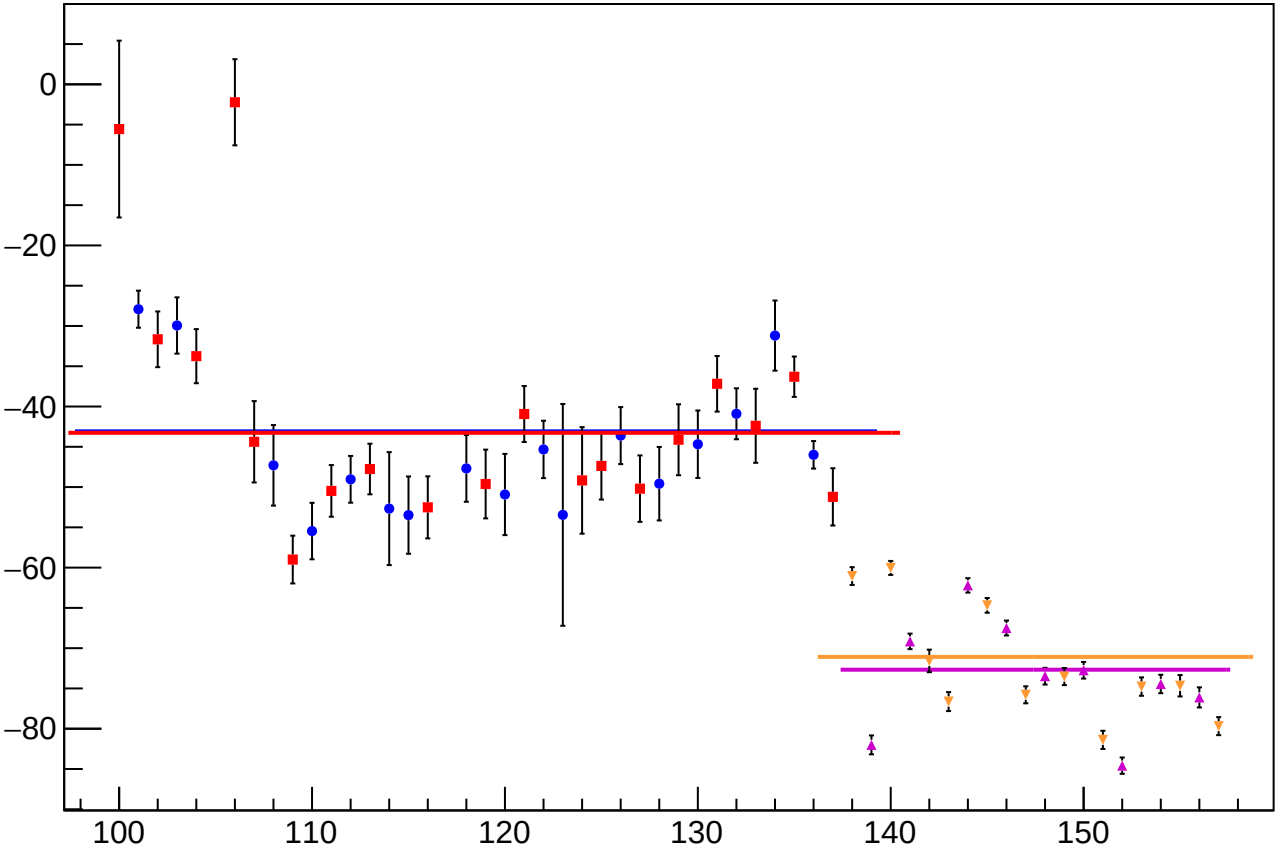
Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: -5.546+/-0.210 χ^2/NDF:717.7/25

Out: -4.992+/-0.204 χ^2/NDF:646.6/29

All: -5.261+/-0.146 χ^2/NDF: 1367.8/55

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: -71.083+/-0.328 χ^2/NDF:500.7/10

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -72.673+/-0.344 χ^2/NDF:391.8/8

Left: -71.841+/-0.238 χ^2/NDF: 903.7/19

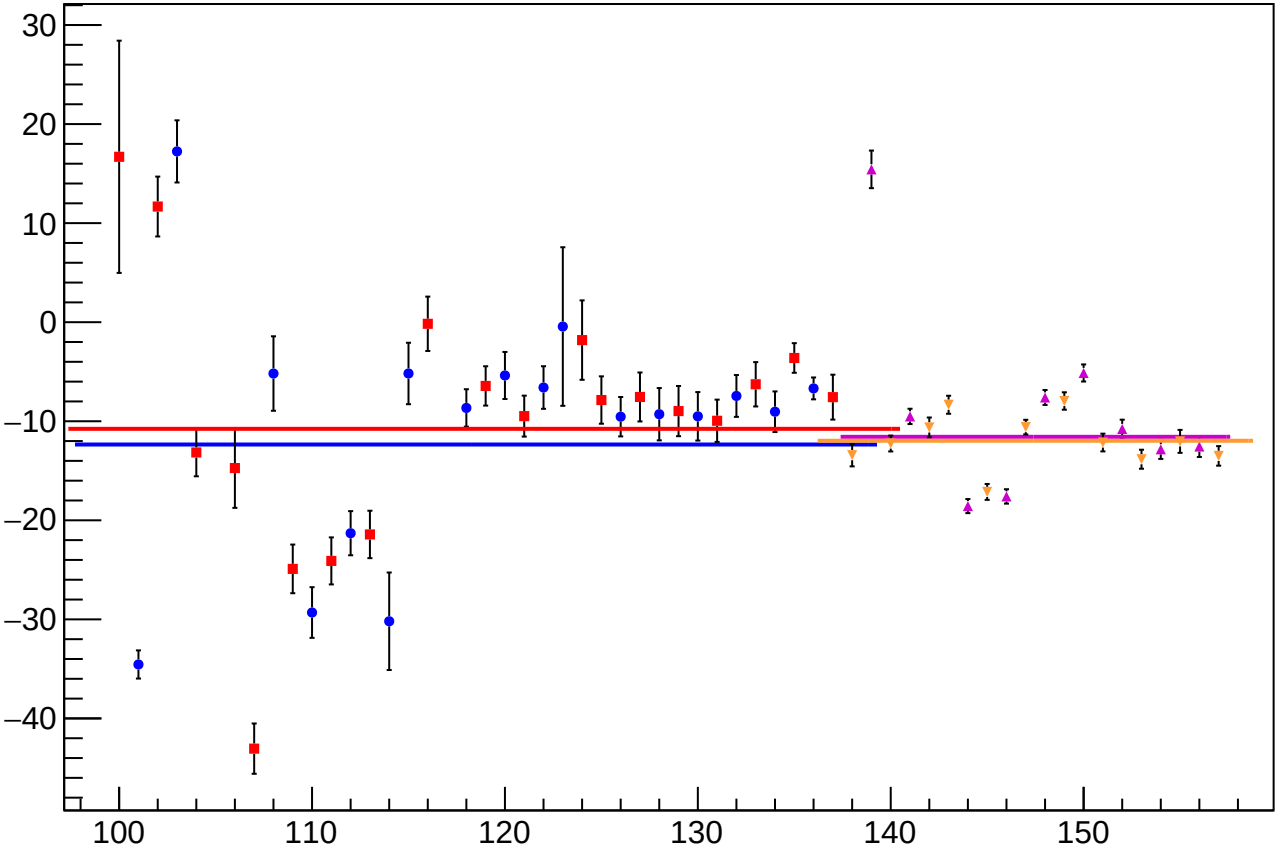
Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -68.370+/-0.318 χ^2/NDF:1566.1/25

Out: -67.589+/-0.307 χ^2/NDF:1556.5/29

All: -67.966+/-0.221 χ^2/NDF: 3125.7/55

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: -11.969+/-0.274 χ^2/NDF:91.5/10

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -11.572+/-0.289 χ^2/NDF:461.5/8

Left: -11.781+/-0.199 χ^2/NDF: 554.0/19

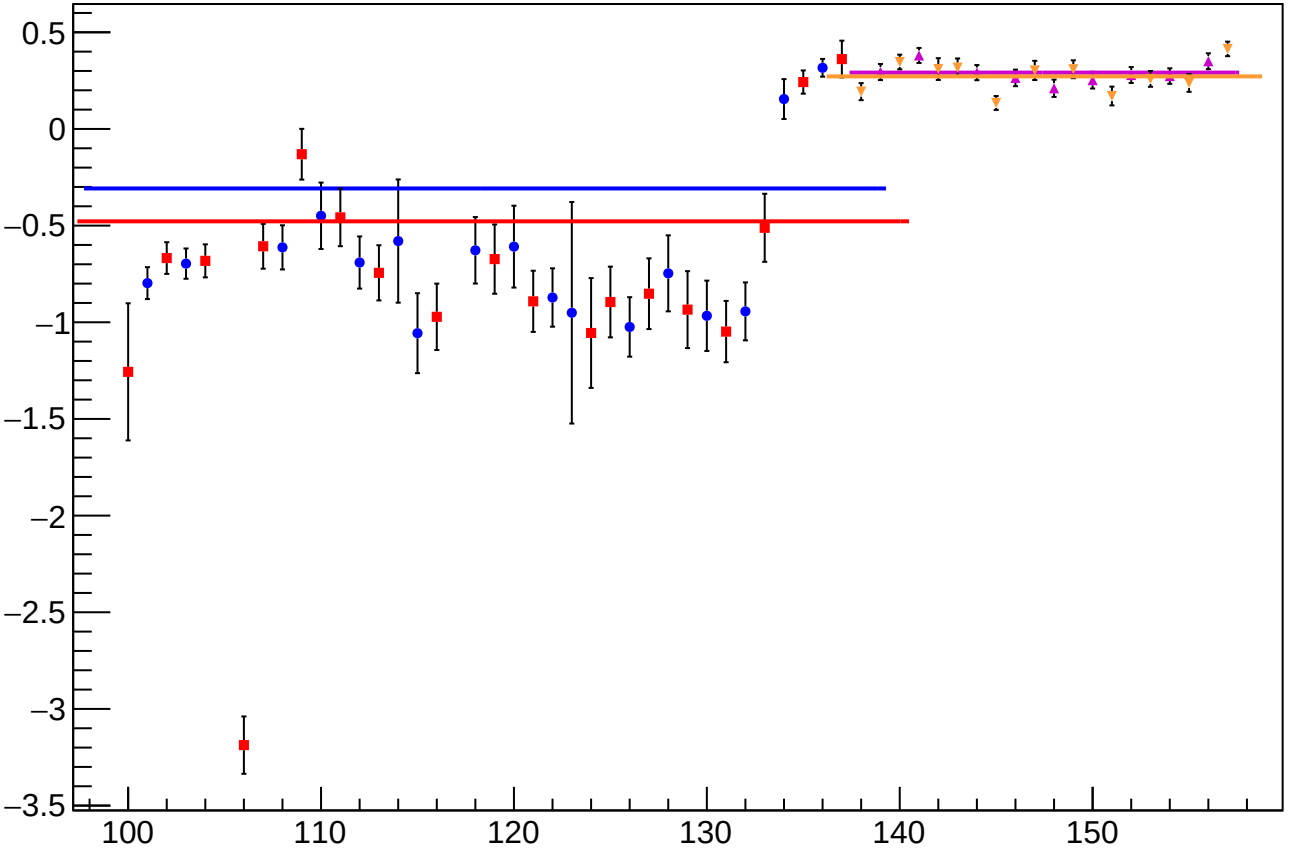
Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -11.755+/-0.252 χ^2/NDF:939.1/25

Out: -11.732+/-0.245 χ^2/NDF:462.0/29

All: -11.743+/-0.176 χ^2/NDF: 1401.1/55

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: 0.272+/-0.013 χ^2/NDF:43.4/10

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.291+/-0.014 χ^2/NDF:12.0/8

Left: 0.281+/-0.009 χ^2/NDF: 56.5/19

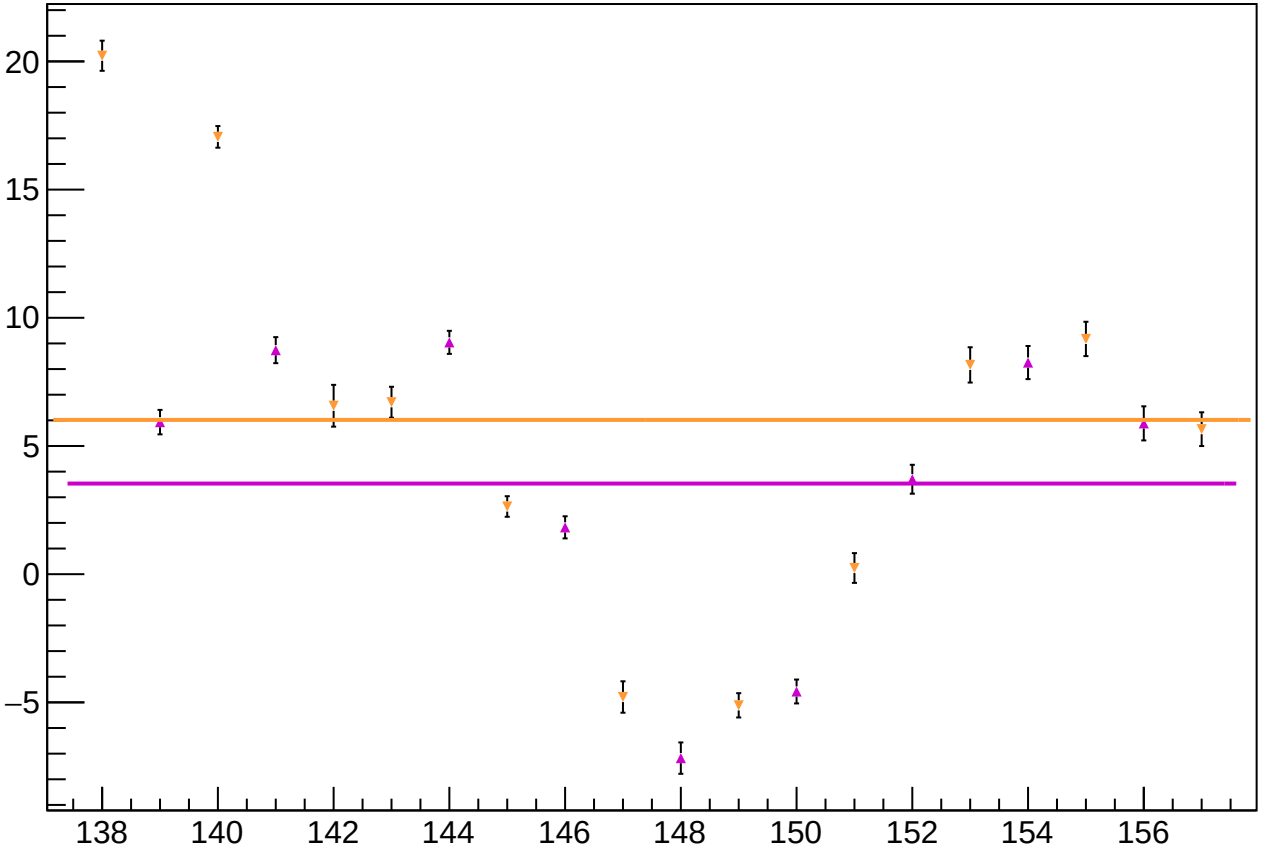
Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.171+/-0.012 χ^2/NDF:763.8/25

Out: 0.141+/-0.012 χ^2/NDF:1244.8/29

All: 0.156+/-0.009 χ^2/NDF: 2011.7/55

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: 6.017+/-0.167 χ^2/NDF:2335.7/10

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

Left In: 3.534+/-0.172 χ^2/NDF:971.2/8

Left: 4.812+/-0.120 χ^2/NDF: 3413.7/19

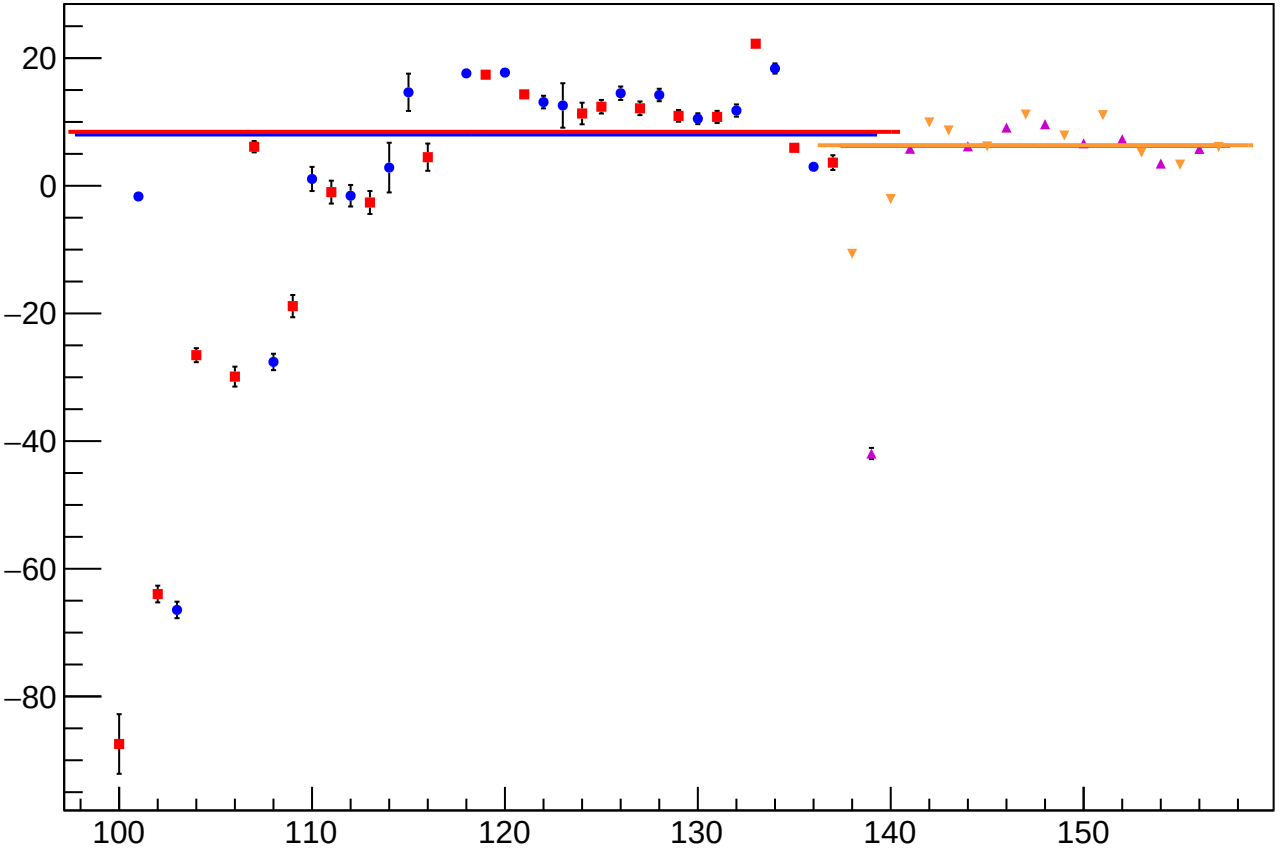
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.534+/-0.172 χ^2/NDF:971.2/8

Out: 6.017+/-0.167 χ^2/NDF:2335.7/10

All: 4.812+/-0.120 χ^2/NDF: 3413.7/19

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: 6.350+/-0.116 χ^2/NDF:1997.2/10

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 6.274+/-0.121 χ^2/NDF:3285.5/8

Left: 6.314+/-0.084 χ^2/NDF: 5282.9/19

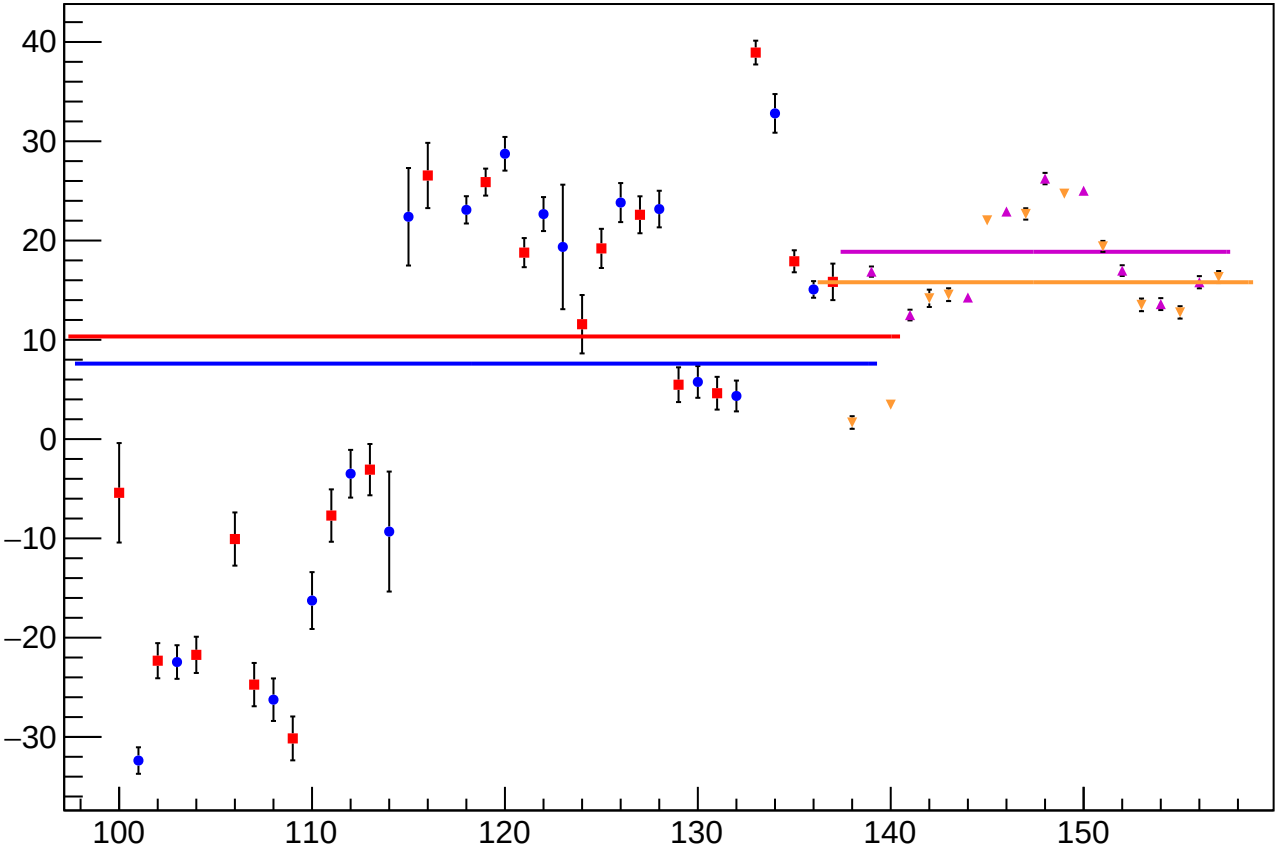
Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 6.699+/-0.106 χ^2/NDF:8705.8/25

Out: 6.832+/-0.102 χ^2/NDF:8776.6/29

All: 6.768+/-0.073 χ^2/NDF: 17483.2/55

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: 15.800+/-0.167 χ^2/NDF:2096.1/10

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 18.866+/-0.170 χ^2/NDF:820.1/8

Left: 17.304+/-0.119 χ^2/NDF: 3081.4/19

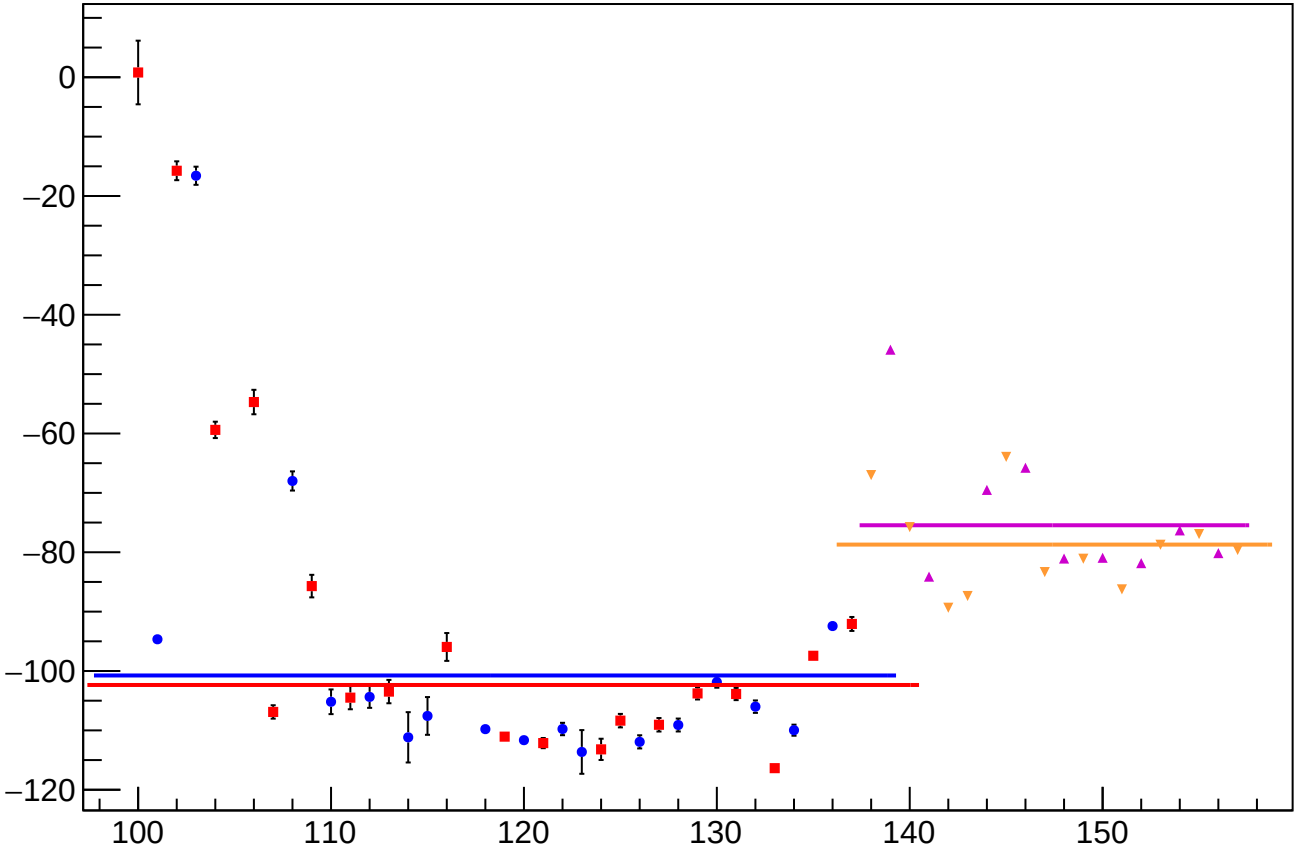
Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 17.249+/-0.158 χ^2/NDF:3773.4/25

Out: 15.043+/-0.155 χ^2/NDF:4526.1/29

All: 16.128+/-0.111 χ^2/NDF: 8399.1/55

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: -78.709+/-0.141 χ^2/NDF:2935.1/10

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -75.453+/-0.146 χ^2/NDF:3299.7/8

Left: -77.142+/-0.102 χ^2/NDF: 6491.7/19

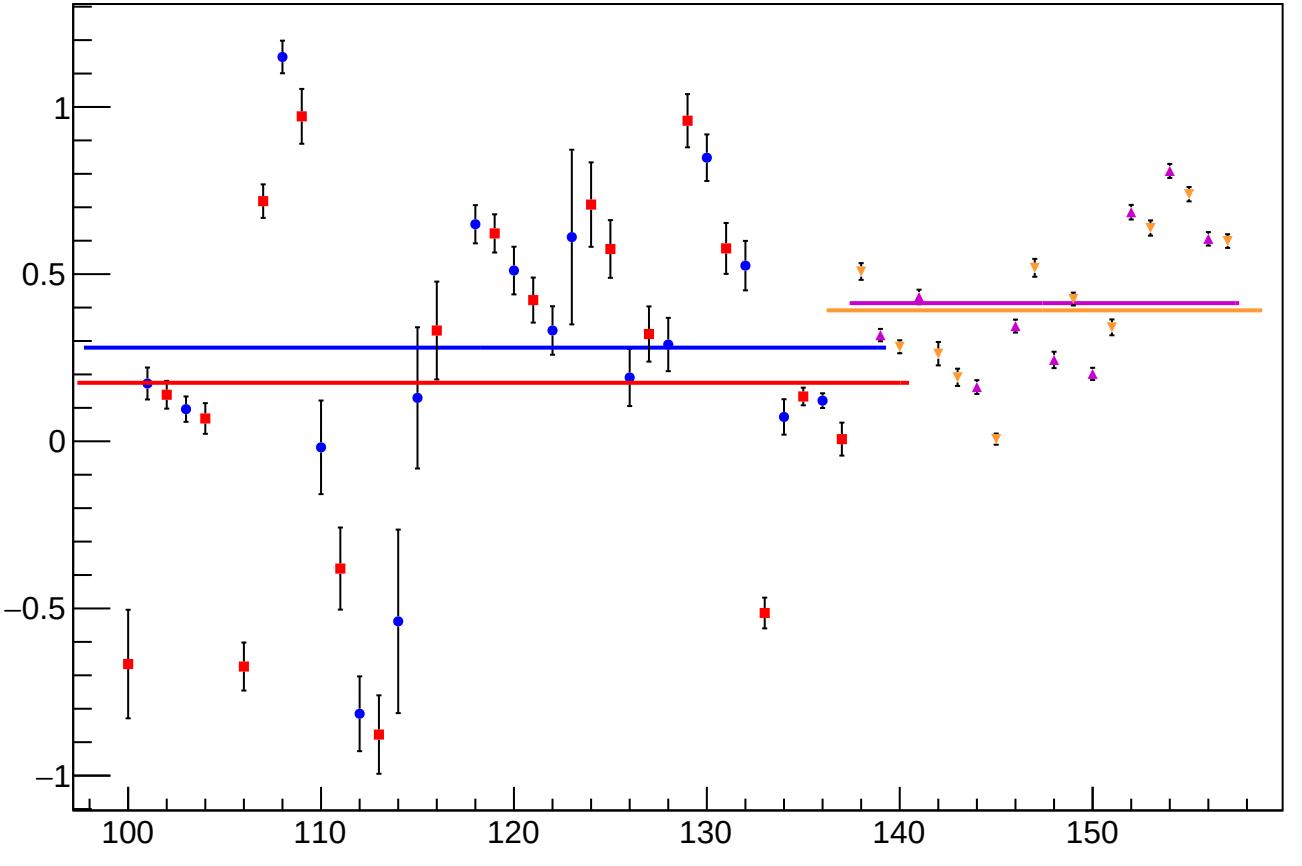
Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -81.987+/-0.126 χ^2/NDF:15541.3/25

Out: -84.543+/-0.122 χ^2/NDF:15960.6/29

All: -83.303+/-0.088 χ^2/NDF: 31713.7/55

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: 0.392+/-0.007 χ^2/NDF:1170.5/10

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.413+/-0.007 χ^2/NDF:966.7/8

Left: 0.402+/-0.005 χ^2/NDF: 2142.3/19

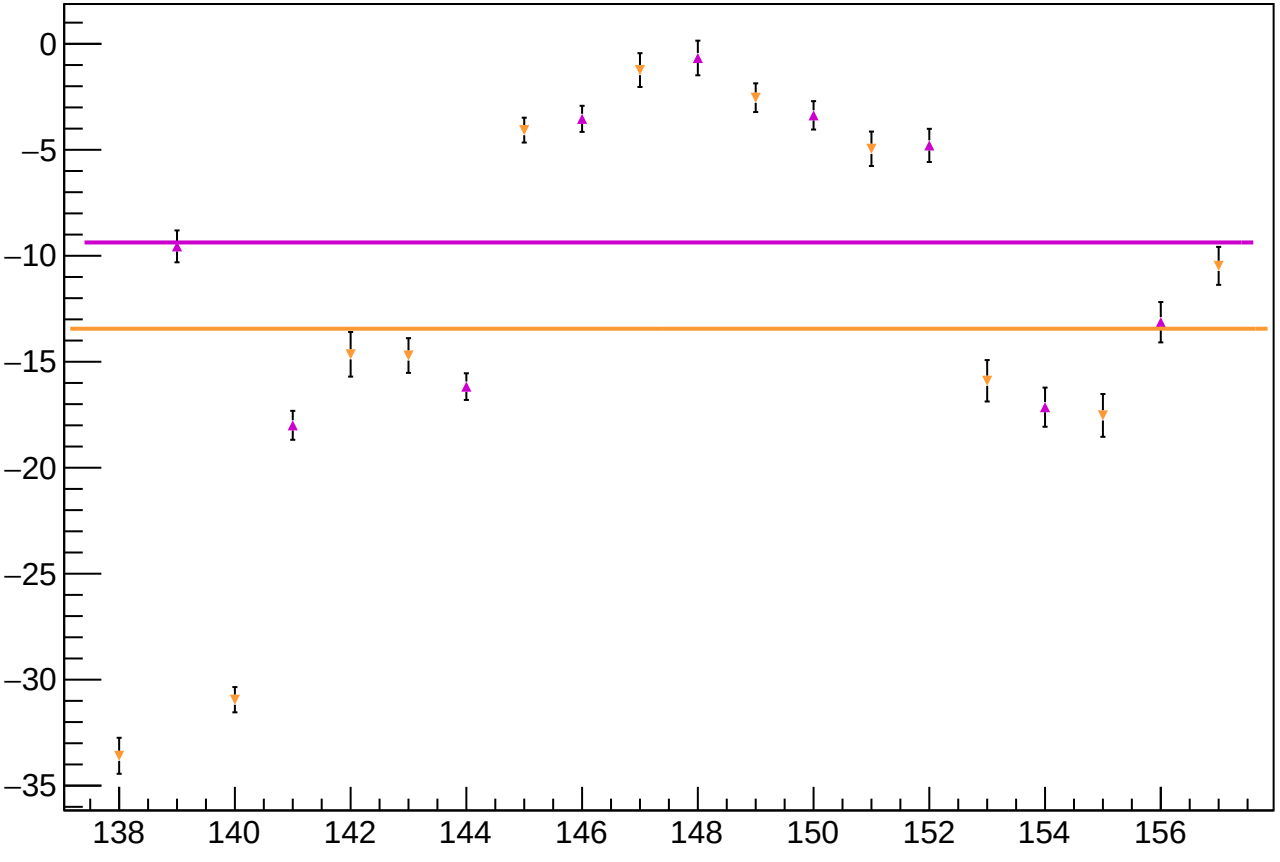
Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.386+/-0.006 χ^2/NDF:1700.4/25

Out: 0.349+/-0.006 χ^2/NDF:2345.6/29

All: 0.367+/-0.004 χ^2/NDF: 4065.0/55

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: -13.440+/-0.235 χ^2/NDF:2320.6/10

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

Left In: -9.372+/-0.245 χ^2/NDF:680.7/8

Left: -11.484+/-0.170 χ^2/NDF: 3145.0/19

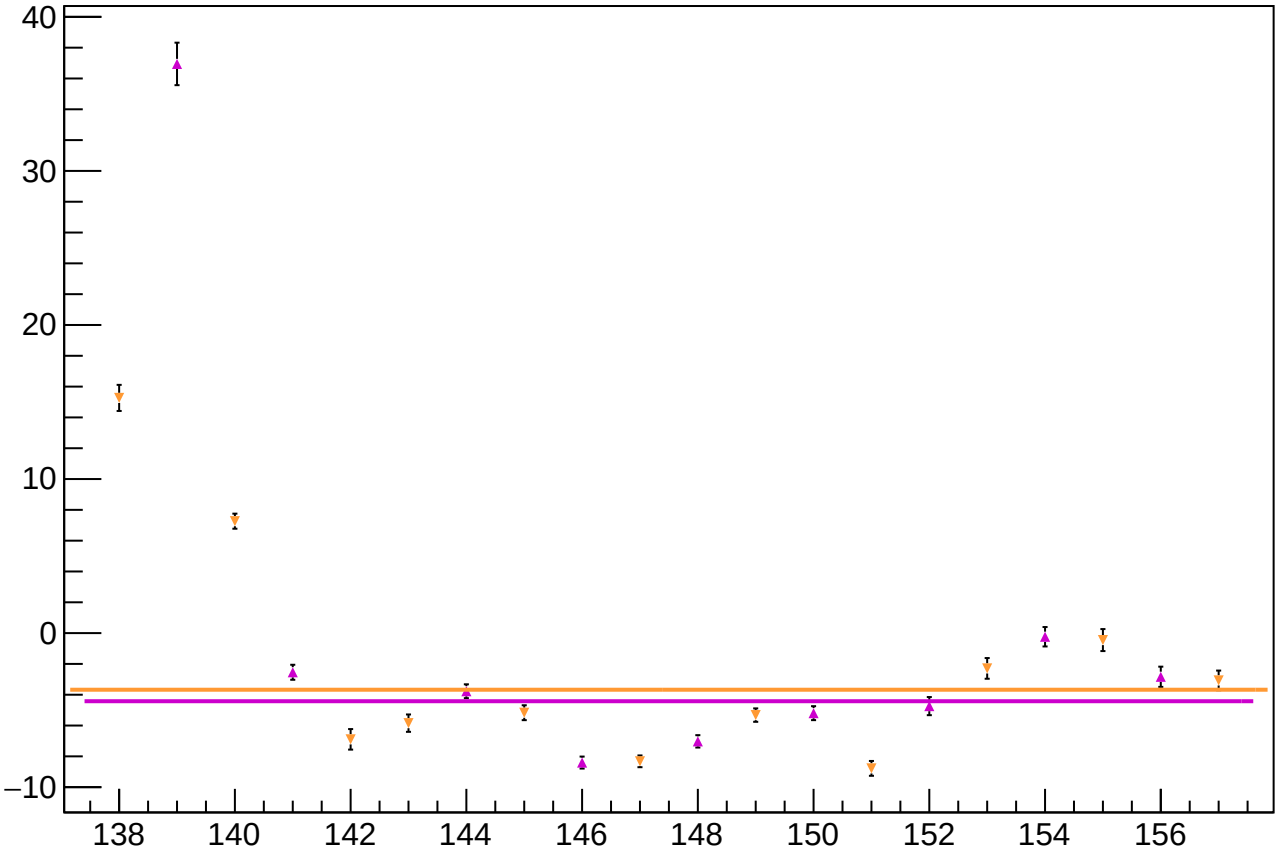
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.372+/-0.245 χ^2/NDF:680.7/8

Out: -13.440+/-0.235 χ^2/NDF:2320.6/10

All: -11.484+/-0.170 χ^2/NDF: 3145.0/19

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: -3.675+/-0.161 χ^2/NDF:1349.2/10

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

Left In: -4.421+/-0.169 χ^2/NDF:1116.5/8

Left: -4.032+/-0.117 χ^2/NDF: 2475.9/19

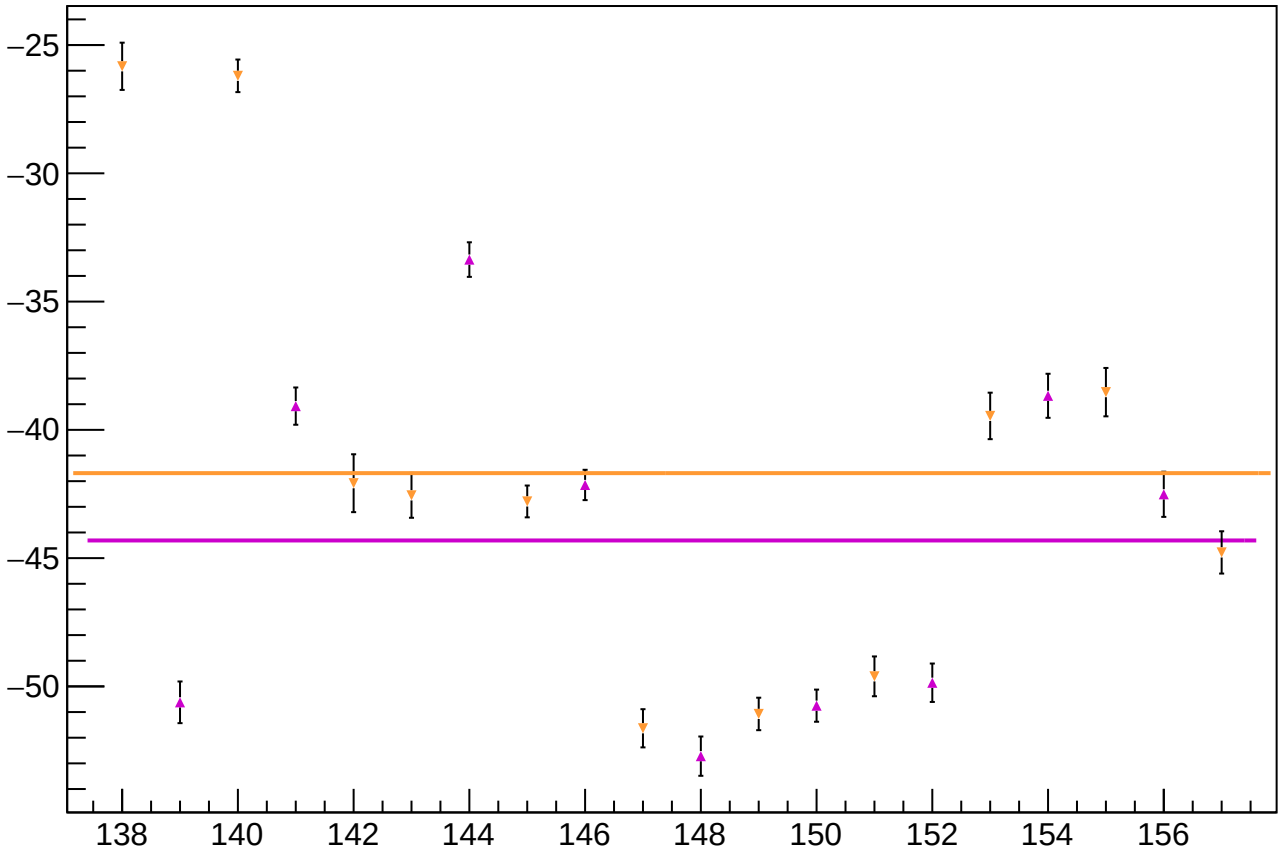
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.421+/-0.169 χ^2/NDF:1116.5/8

Out: -3.675+/-0.161 χ^2/NDF:1349.2/10

All: -4.032+/-0.117 χ^2/NDF: 2475.9/19

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: -41.687+/-0.235 χ^2/NDF:1429.7/10

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

Left In: -44.311+/-0.241 χ^2/NDF:718.0/8

Left: -42.963+/-0.168 χ^2/NDF: 2208.4/19

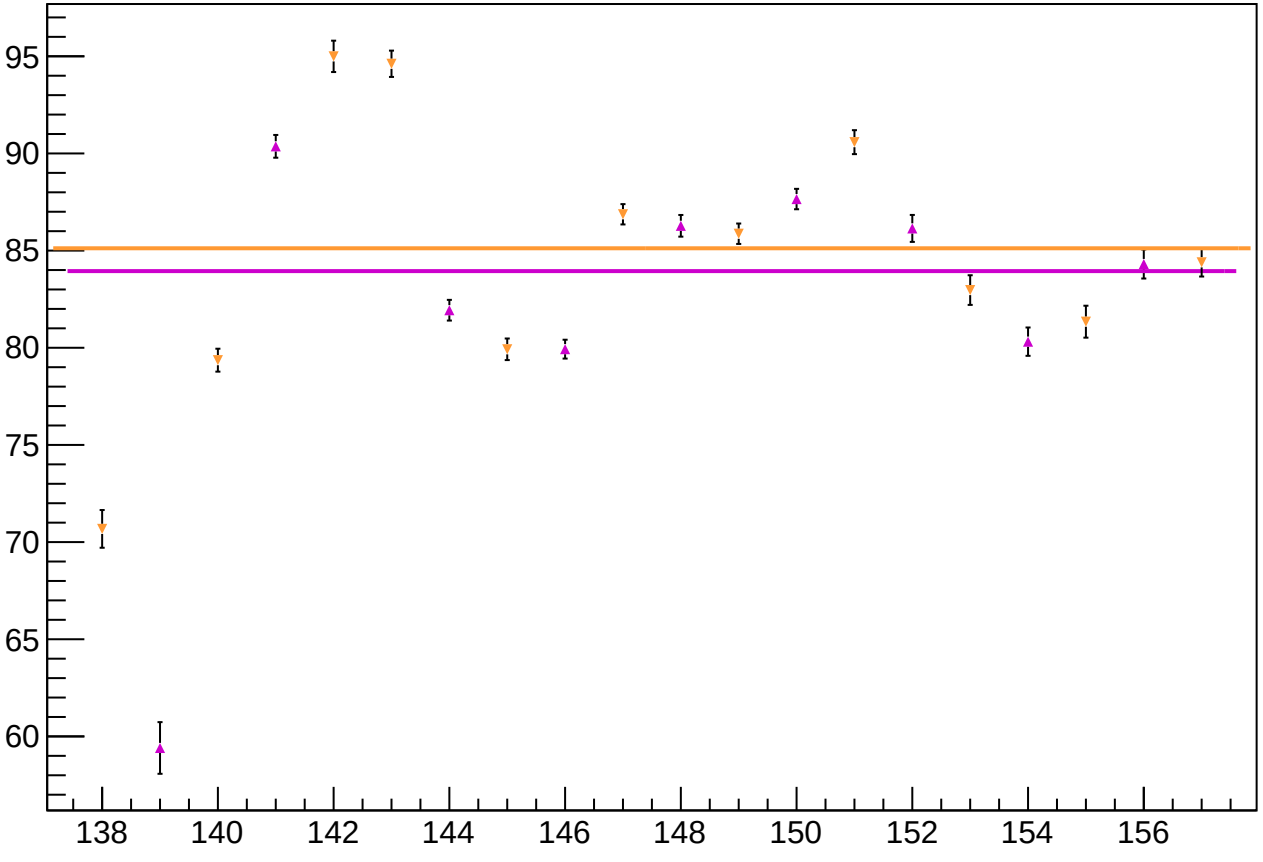
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -44.311+/-0.241 χ^2/NDF:718.0/8

Out: -41.687+/-0.235 χ^2/NDF:1429.7/10

All: -42.963+/-0.168 χ^2/NDF: 2208.4/19

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: 85.120+/-0.197 χ^2/NDF:872.4/10

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

Left In: 83.945+/-0.205 χ^2/NDF:646.1/8

Left: 84.556+/-0.142 χ^2/NDF: 1535.6/19

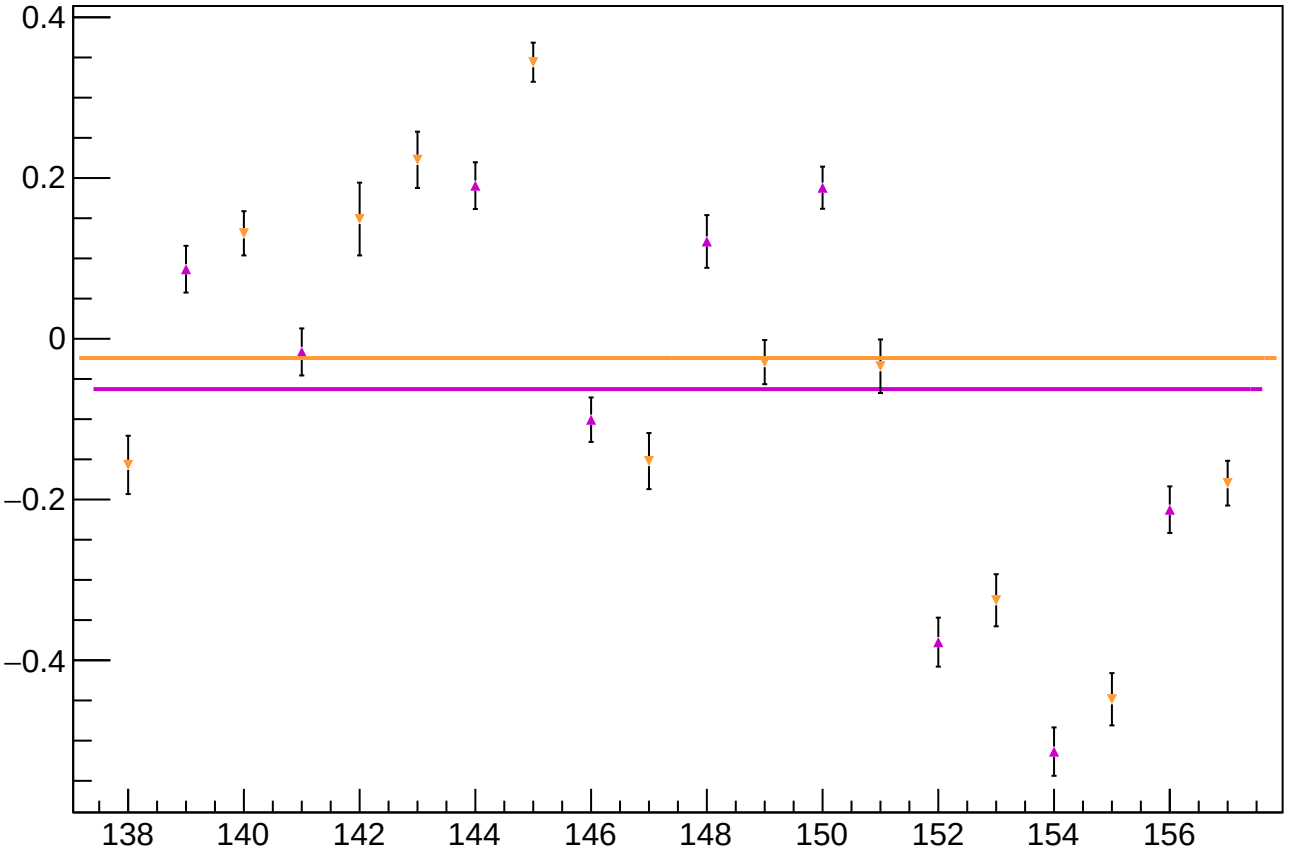
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 83.945+/-0.205 χ^2/NDF:646.1/8

Out: 85.120+/-0.197 χ^2/NDF:872.4/10

All: 84.556+/-0.142 χ^2/NDF: 1535.6/19

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: -0.024+/-0.009 χ^2/NDF:639.7/10

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

Left In: -0.063+/-0.010 χ^2/NDF:587.5/8

Left: -0.043+/-0.007 χ^2/NDF: 1235.3/19

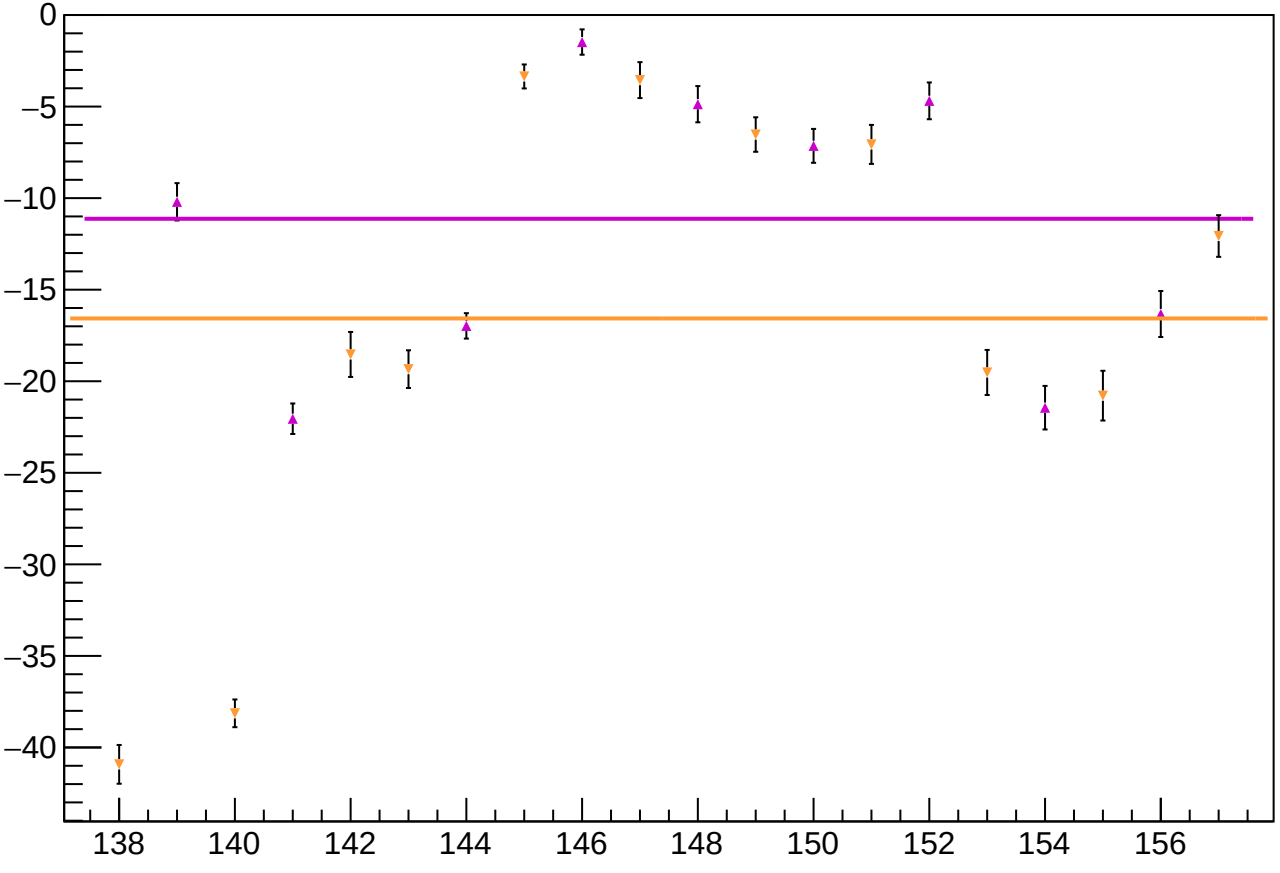
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.063+/-0.010 χ^2/NDF:587.5/8

Out: -0.024+/-0.009 χ^2/NDF:639.7/10

All: -0.043+/-0.007 χ^2/NDF: 1235.3/19

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: -16.571+/-0.294 χ^2/NDF:2158.2/10

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

Left In: -11.128+/-0.300 χ^2/NDF:630.1/8

Left: -13.911+/-0.210 χ^2/NDF: 2956.2/19

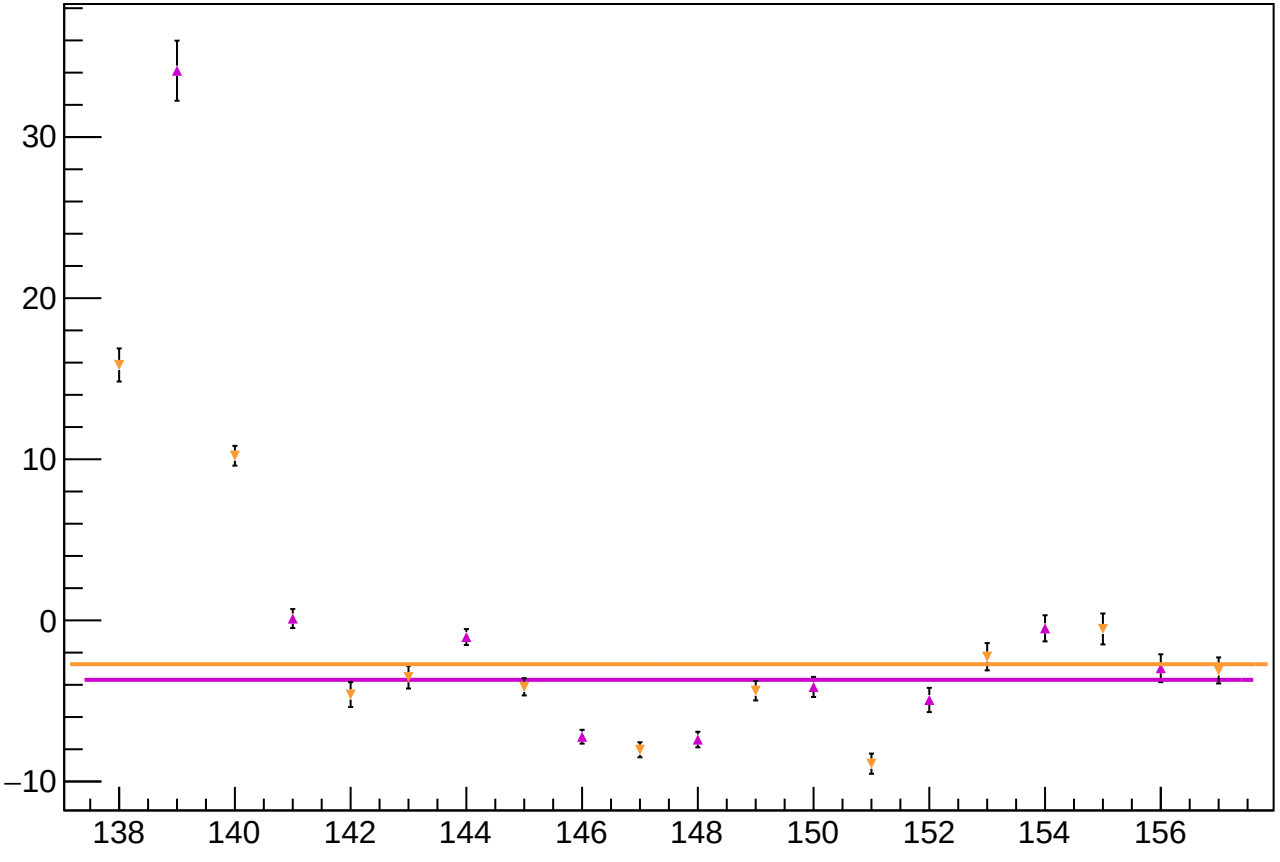
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.128+/-0.300 χ^2/NDF:630.1/8

Out: -16.571+/-0.294 χ^2/NDF:2158.2/10

All: -13.911+/-0.210 χ^2/NDF: 2956.2/19

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: -2.720+/-0.201 χ^2/NDF:1024.3/10

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

Left In: -3.689+/-0.203 χ^2/NDF:627.5/8

Left: -3.200+/-0.143 χ^2/NDF: 1663.3/19

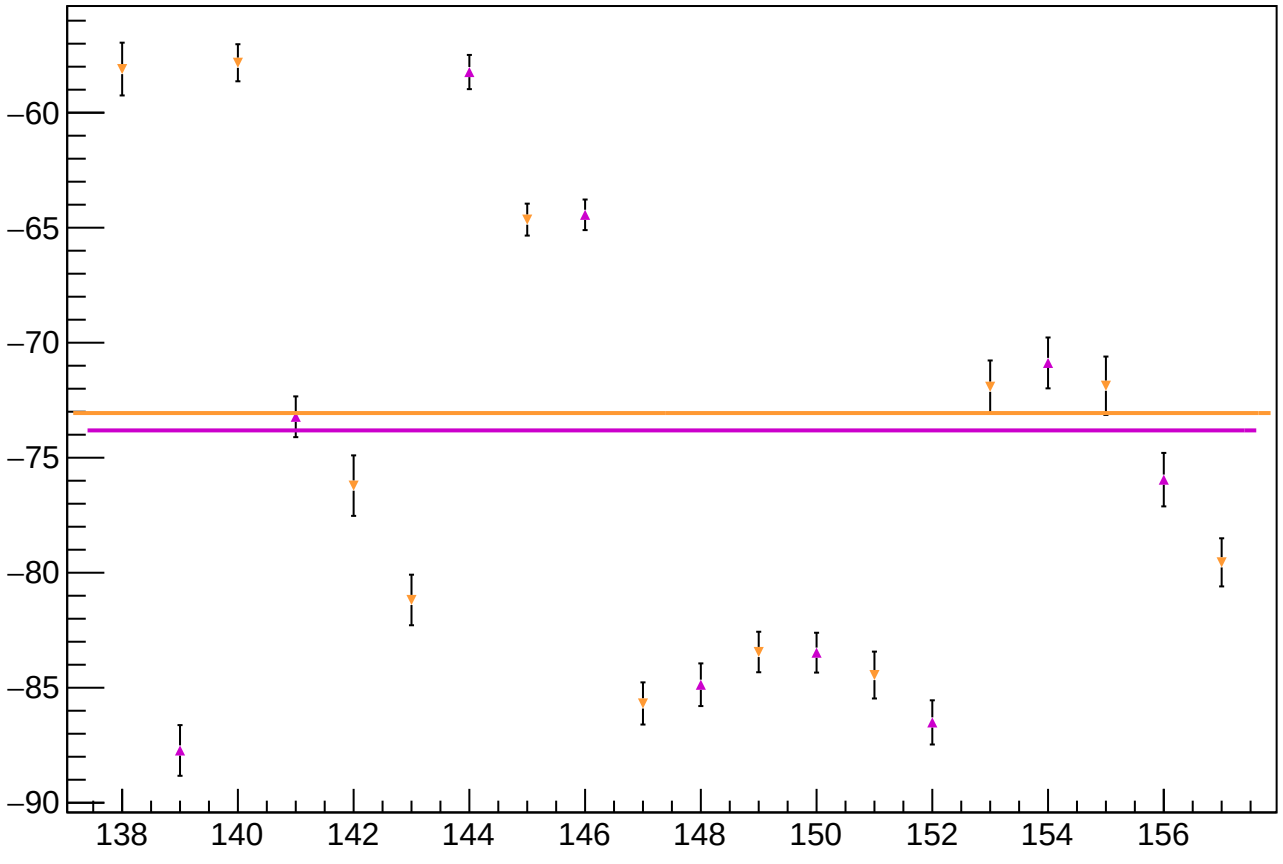
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.689+/-0.203 χ^2/NDF:627.5/8

Out: -2.720+/-0.201 χ^2/NDF:1024.3/10

All: -3.200+/-0.143 χ^2/NDF: 1663.3/19

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: -73.058+/-0.295 χ^2/NDF:1228.4/10

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

Left In: -73.813+/-0.297 χ^2/NDF:1249.3/8

Left: -73.432+/-0.209 χ^2/NDF: 2481.0/19

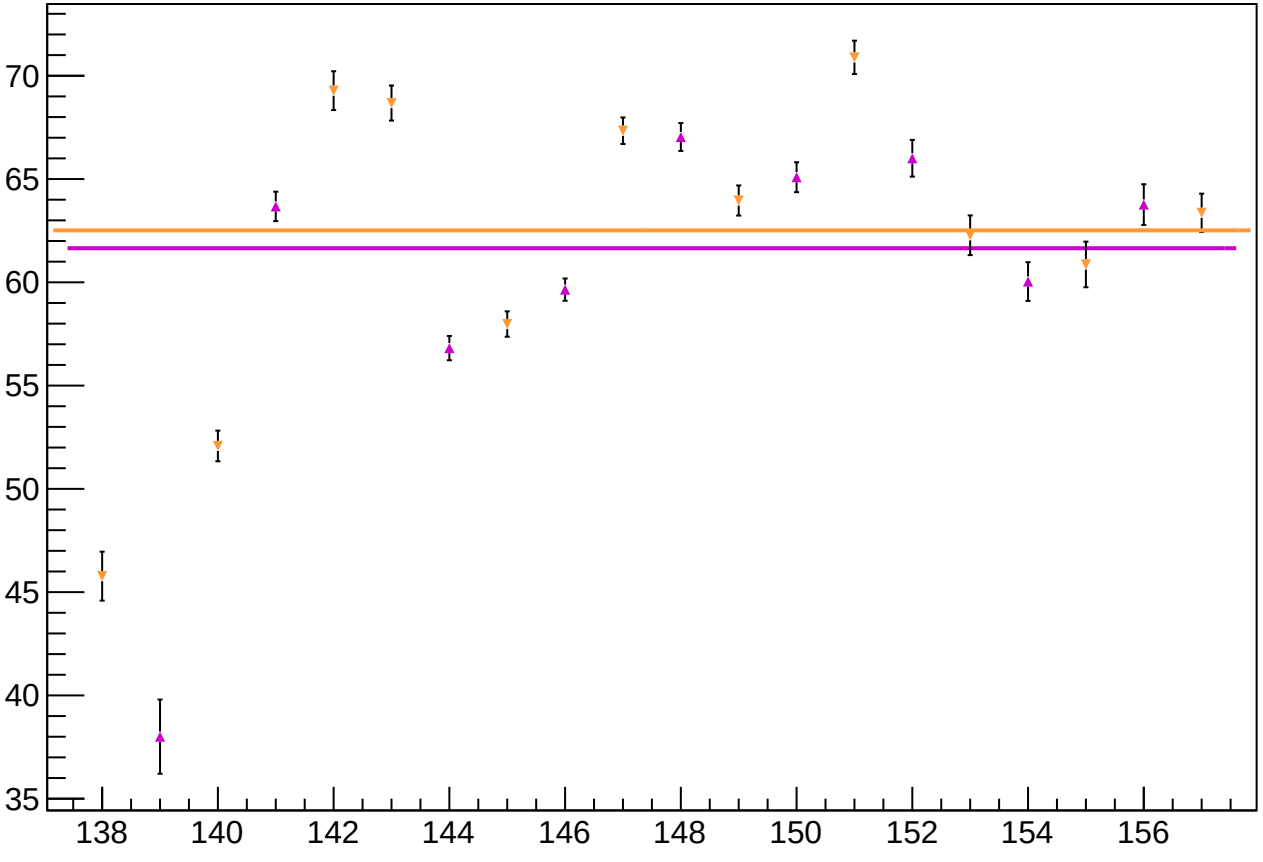
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -73.813+/-0.297 χ^2/NDF:1249.3/8

Out: -73.058+/-0.295 χ^2/NDF:1228.4/10

All: -73.432+/-0.209 χ^2/NDF: 2481.0/19

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: 62.516+/-0.246 χ^2/NDF:726.3/10

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

Left In: 61.650+/-0.249 χ^2/NDF:380.8/8

Left: 62.089+/-0.175 χ^2/NDF: 1113.3/19

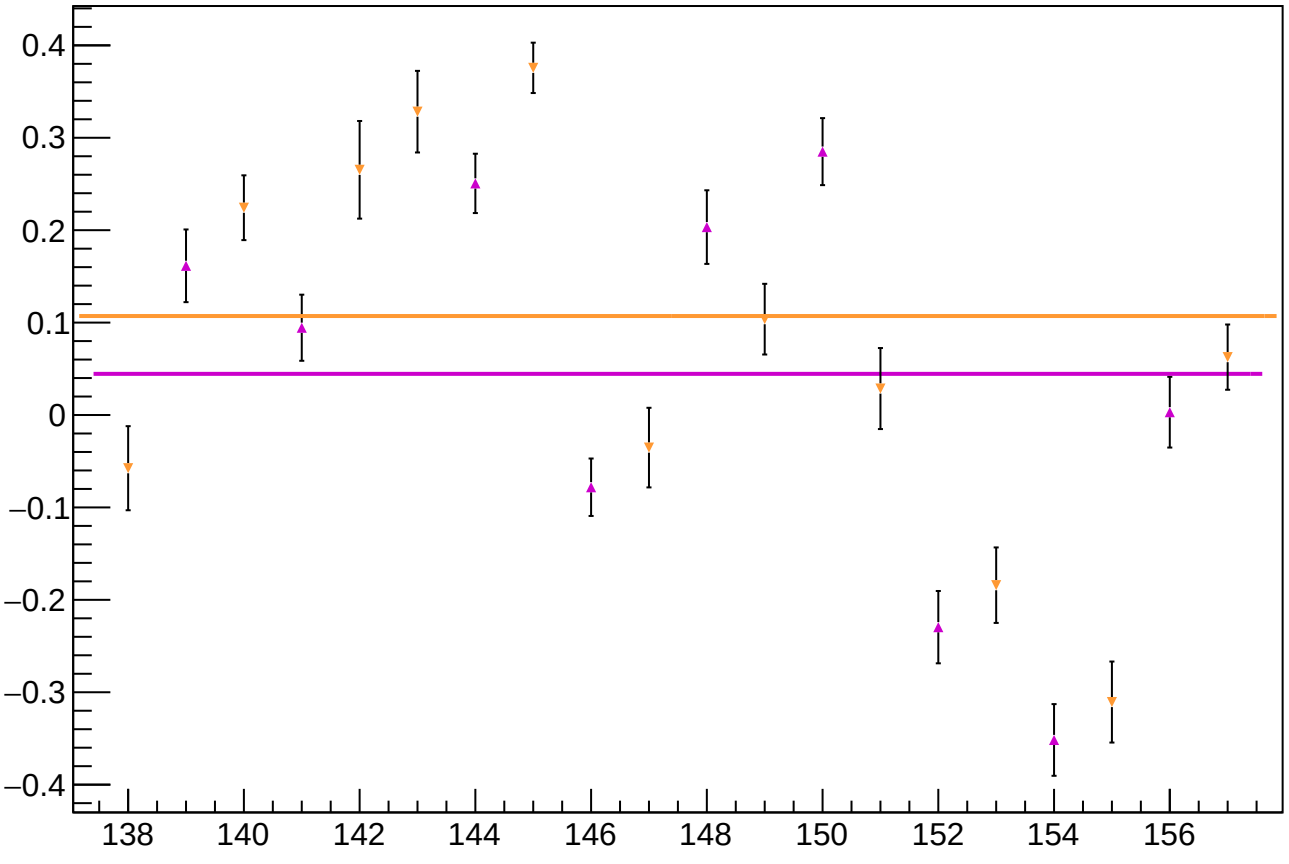
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.650+/-0.249 χ^2/NDF:380.8/8

Out: 62.516+/-0.246 χ^2/NDF:726.3/10

All: 62.089+/-0.175 χ^2/NDF: 1113.3/19

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: 0.107+/-0.012 χ^2/NDF:312.8/10

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

Left In: 0.045+/-0.012 χ^2/NDF:282.0/8

Left: 0.077+/-0.008 χ^2/NDF: 608.5/19

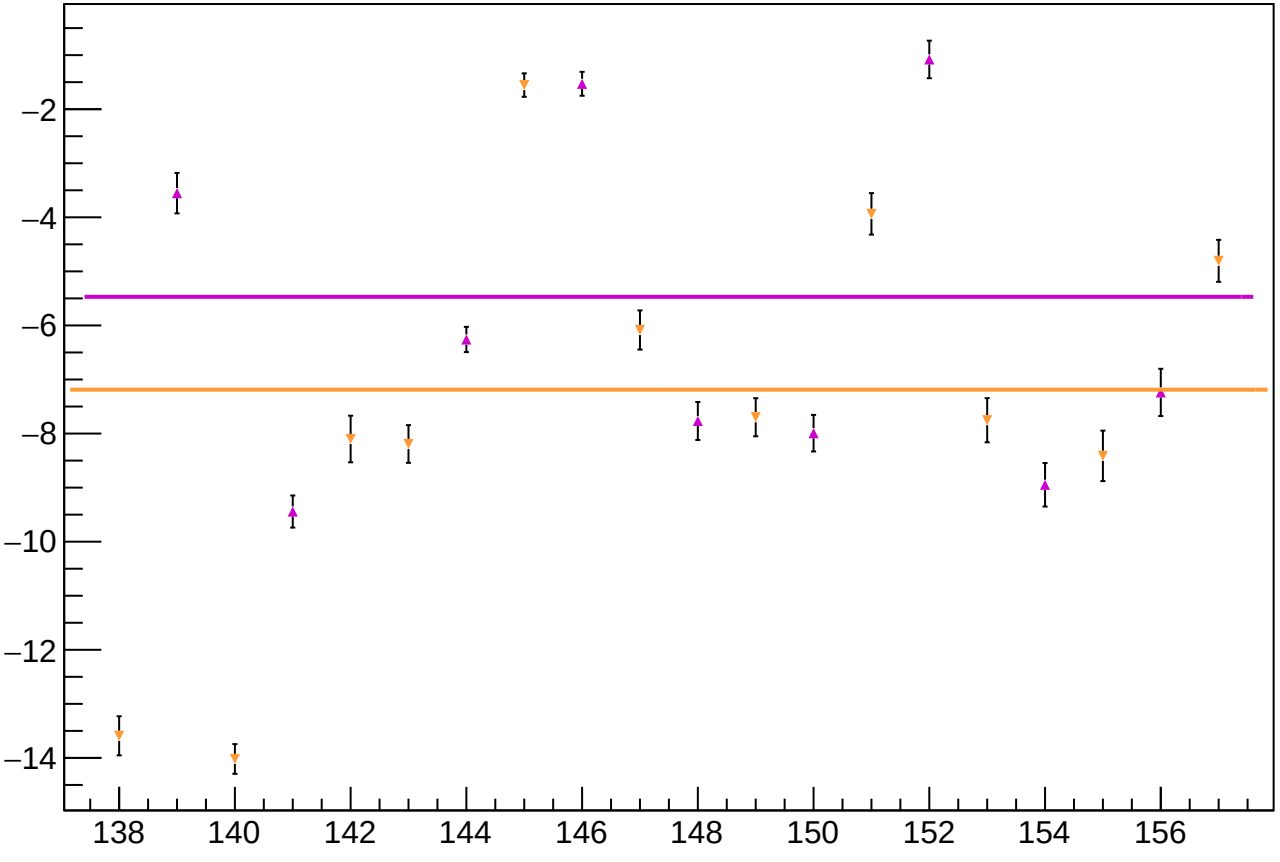
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.045+/-0.012 χ^2/NDF:282.0/8

Out: 0.107+/-0.012 χ^2/NDF:312.8/10

All: 0.077+/-0.008 χ^2/NDF: 608.5/19

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: -7.188+/-0.102 χ^2/NDF:1748.9/10

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

Left In: -5.471+/-0.103 χ^2/NDF:884.4/8

Left: -6.337+/-0.073 χ^2/NDF: 2772.9/19

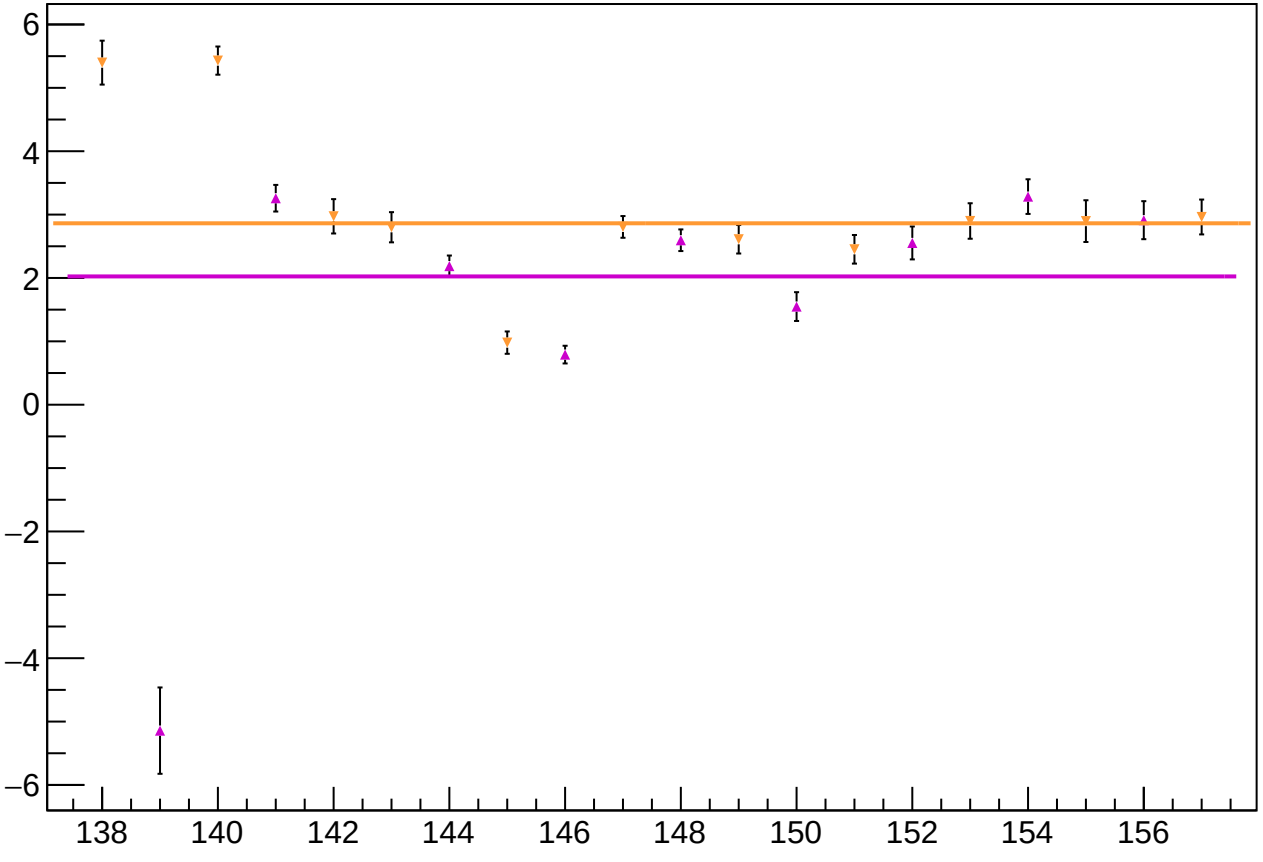
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.471+/-0.103 χ^2/NDF:884.4/8

Out: -7.188+/-0.102 χ^2/NDF:1748.9/10

All: -6.337+/-0.073 χ^2/NDF: 2772.9/19

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: 2.863+/-0.071 χ^2/NDF:306.0/10

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

Left In: 2.024+/-0.070 χ^2/NDF:273.9/8

Left: 2.439+/-0.050 χ^2/NDF: 651.2/19

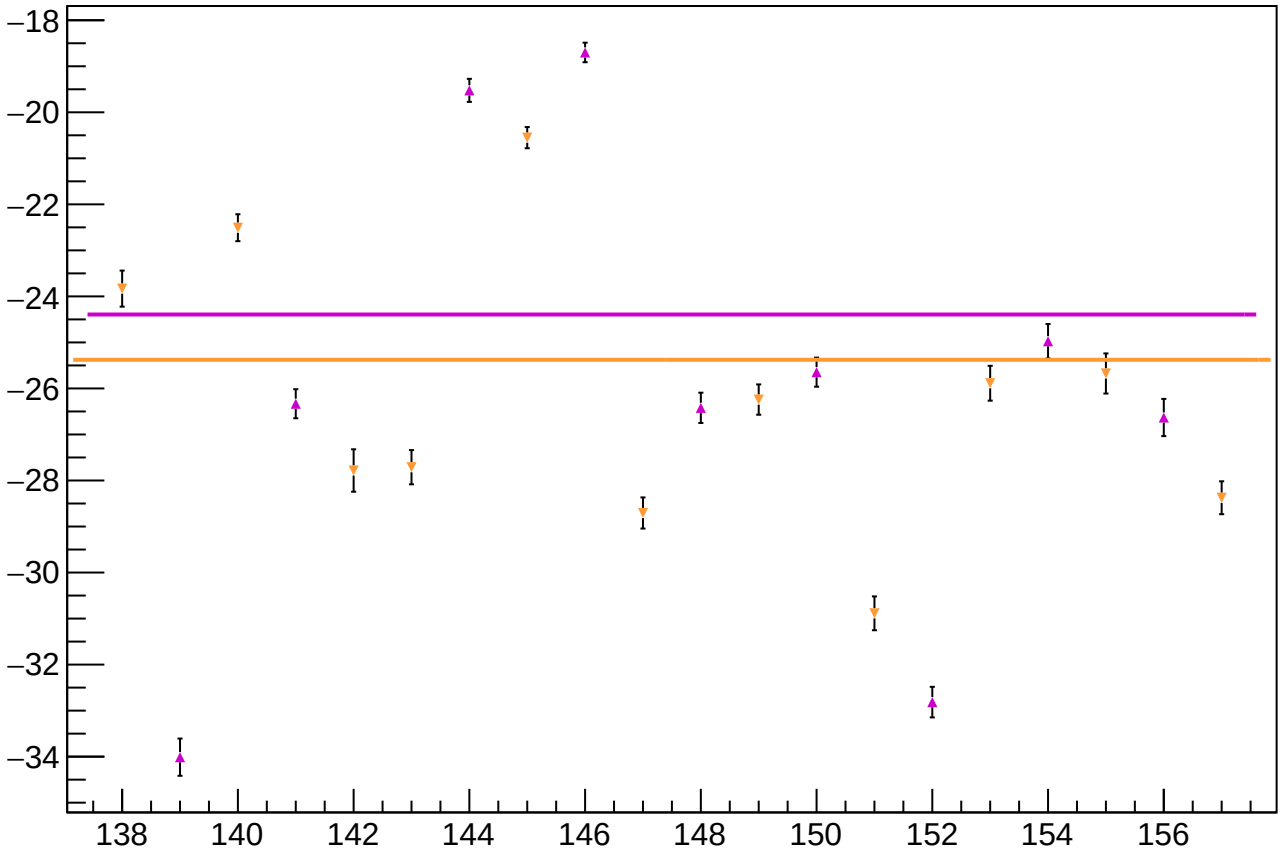
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.024+/-0.070 χ^2/NDF:273.9/8

Out: 2.863+/-0.071 χ^2/NDF:306.0/10

All: 2.439+/-0.050 χ^2/NDF: 651.2/19

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: -25.377+/-0.103 χ^2/NDF:1018.5/10

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

Left In: -24.393+/-0.102 χ^2/NDF:2428.5/8

Left: -24.882+/-0.073 χ^2/NDF: 3493.1/19

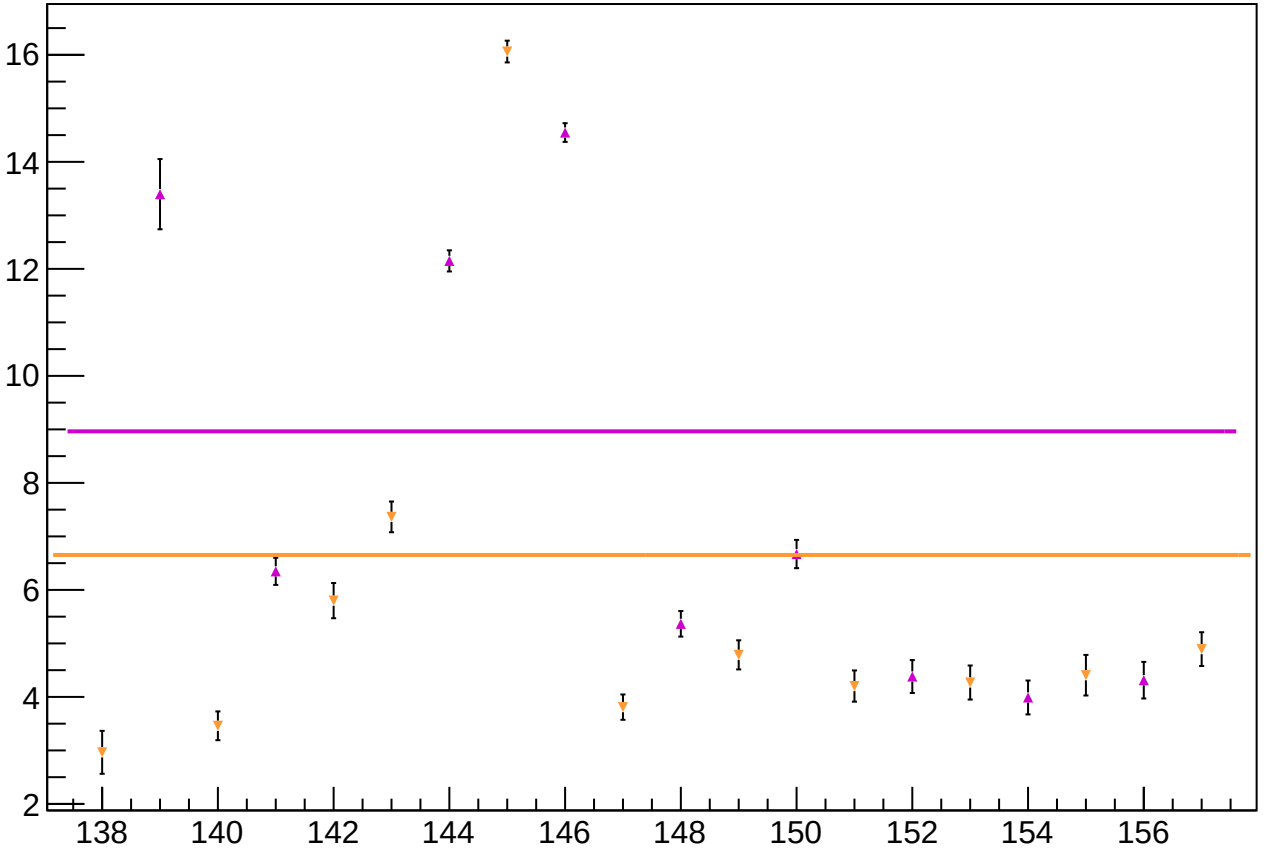
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.393+/-0.102 χ^2/NDF:2428.5/8

Out: -25.377+/-0.103 χ^2/NDF:1018.5/10

All: -24.882+/-0.073 χ^2/NDF: 3493.1/19

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: 6.653+/-0.086 χ^2/NDF:2766.3/10

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

Left In: 8.963+/-0.085 χ^2/NDF:2387.7/8

Left: 7.815+/-0.061 χ^2/NDF: 5517.8/19

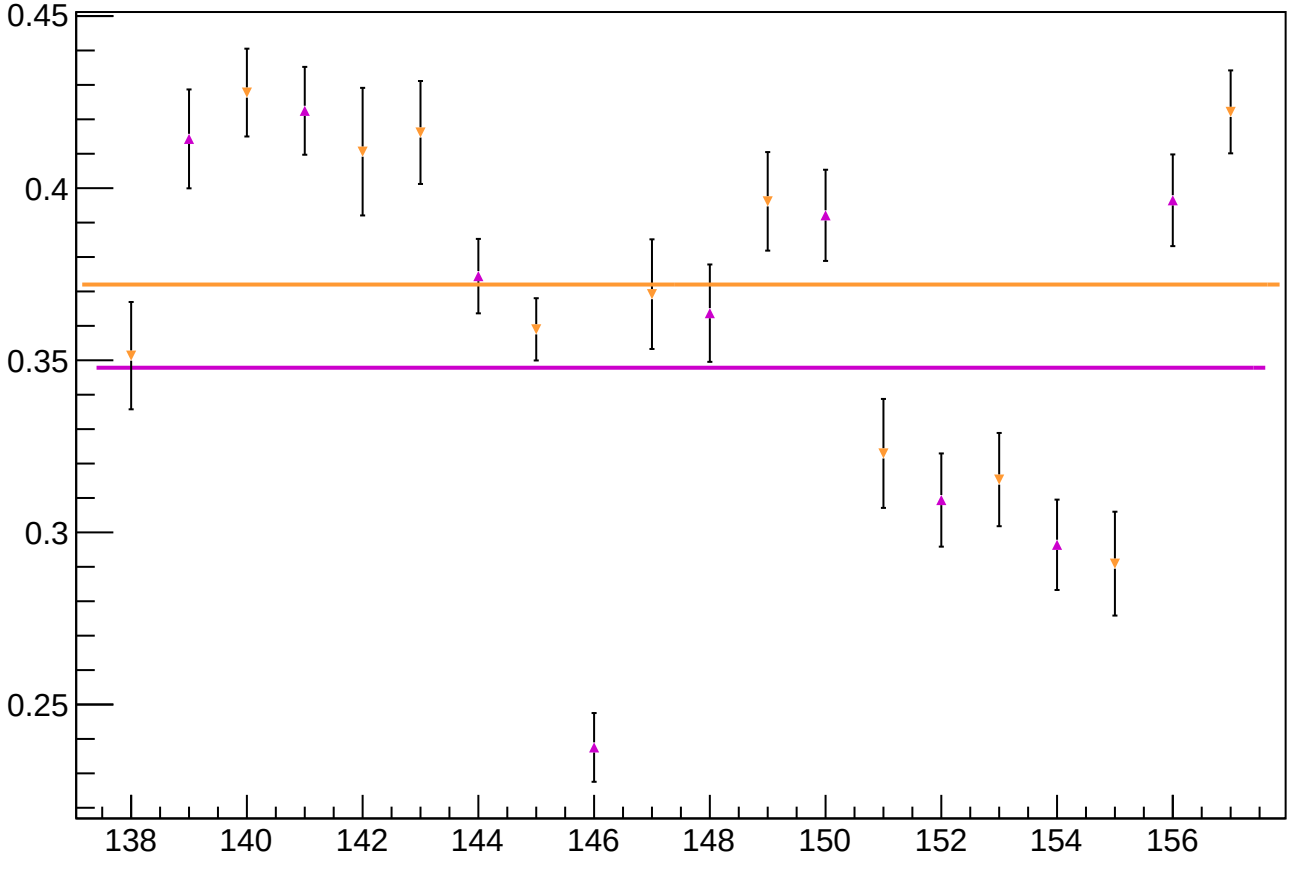
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.963+/-0.085 χ^2/NDF:2387.7/8

Out: 6.653+/-0.086 χ^2/NDF:2766.3/10

All: 7.815+/-0.061 χ^2/NDF: 5517.8/19

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: 0.372+/-0.004 χ^2/NDF:112.2/10

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

Left In: 0.348+/-0.004 χ^2/NDF:232.8/8

Left: 0.360+/-0.003 χ^2/NDF: 362.0/19

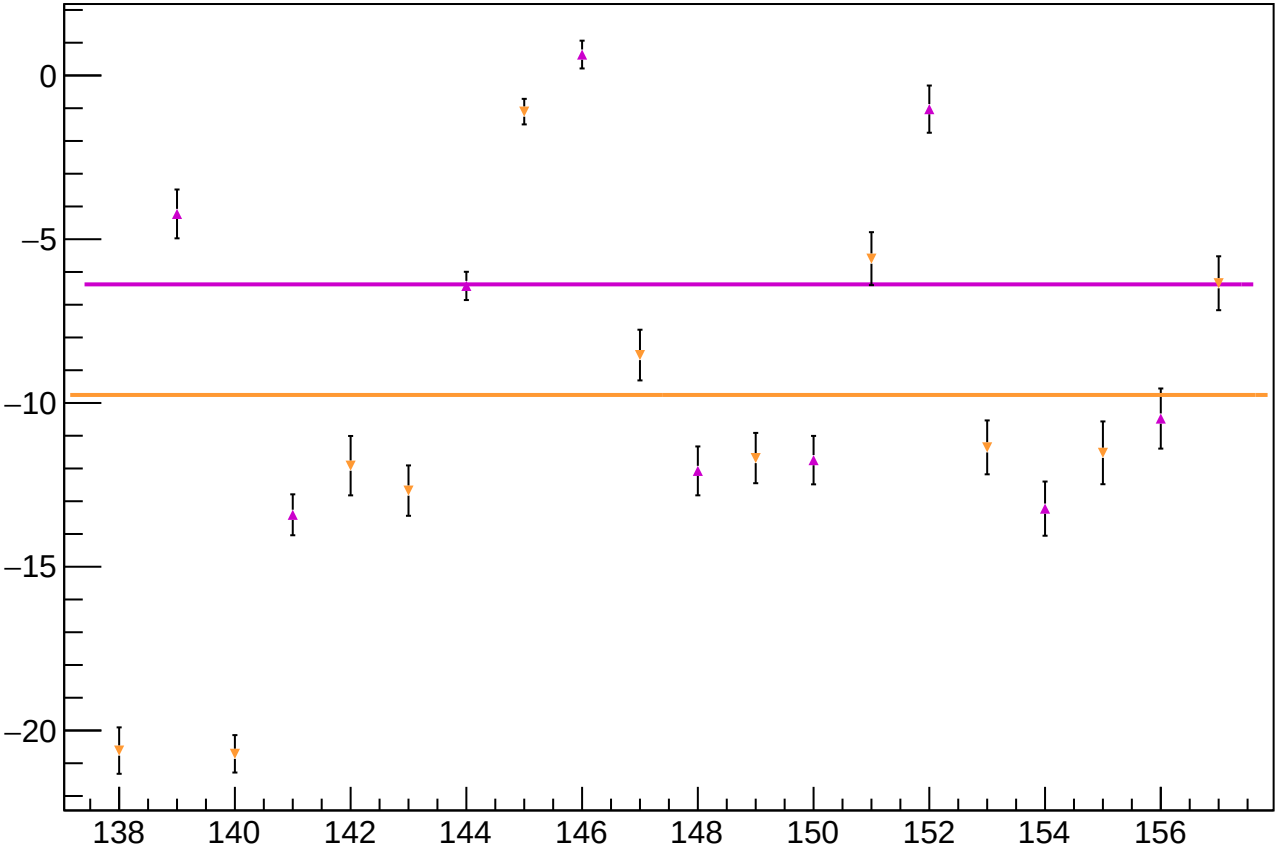
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.348+/-0.004 χ^2/NDF:232.8/8

Out: 0.372+/-0.004 χ^2/NDF:112.2/10

All: 0.360+/-0.003 χ^2/NDF: 362.0/19

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: -9.755+/-0.206 χ^2/NDF:1174.1/10

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

Left In: -6.379+/-0.206 χ^2/NDF:663.0/8

Left: -8.066+/-0.146 χ^2/NDF: 1970.9/19

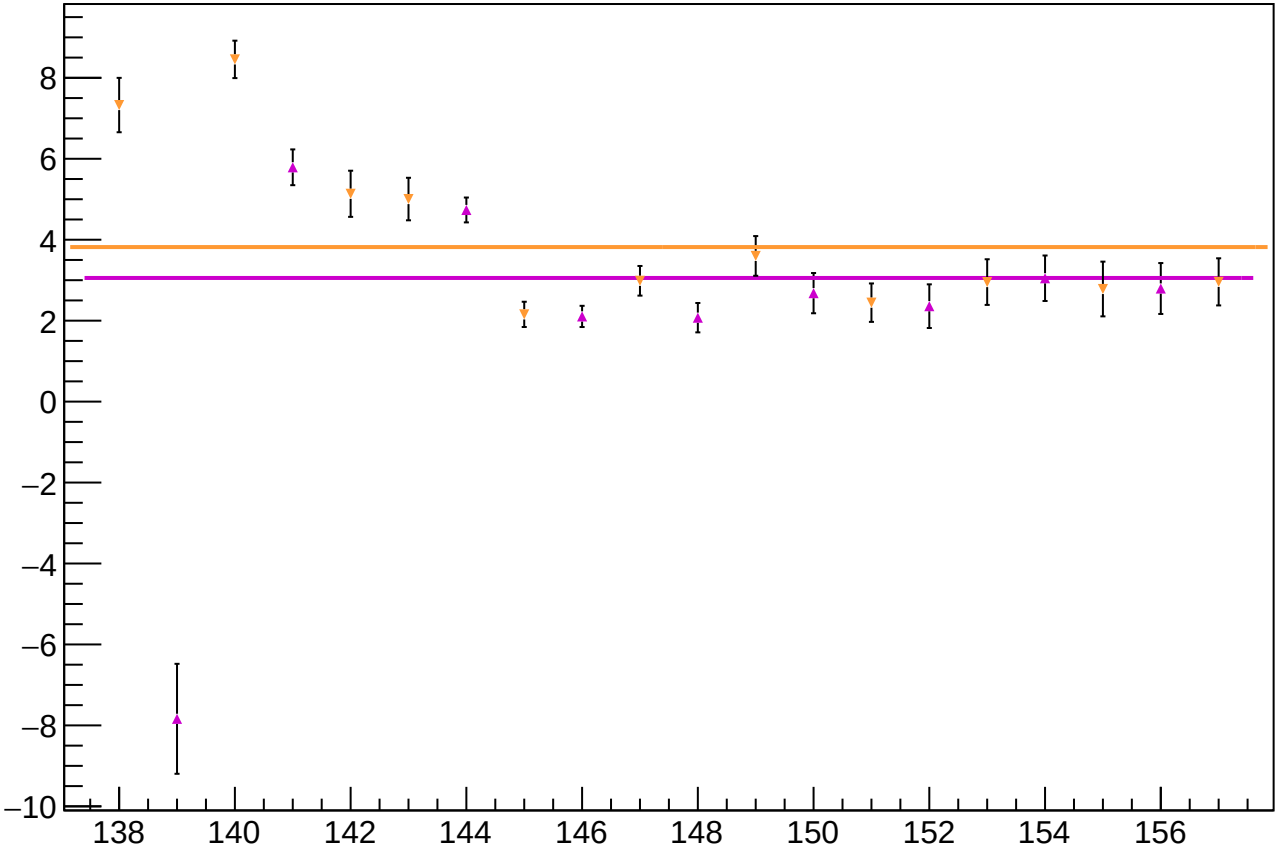
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.379+/-0.206 χ^2/NDF:663.0/8

Out: -9.755+/-0.206 χ^2/NDF:1174.1/10

All: -8.066+/-0.146 χ^2/NDF: 1970.9/19

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: 3.818+/-0.144 χ^2/NDF:187.3/10

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

Left In: 3.055+/-0.139 χ^2/NDF:155.3/8

Left: 3.424+/-0.100 χ^2/NDF: 357.2/19

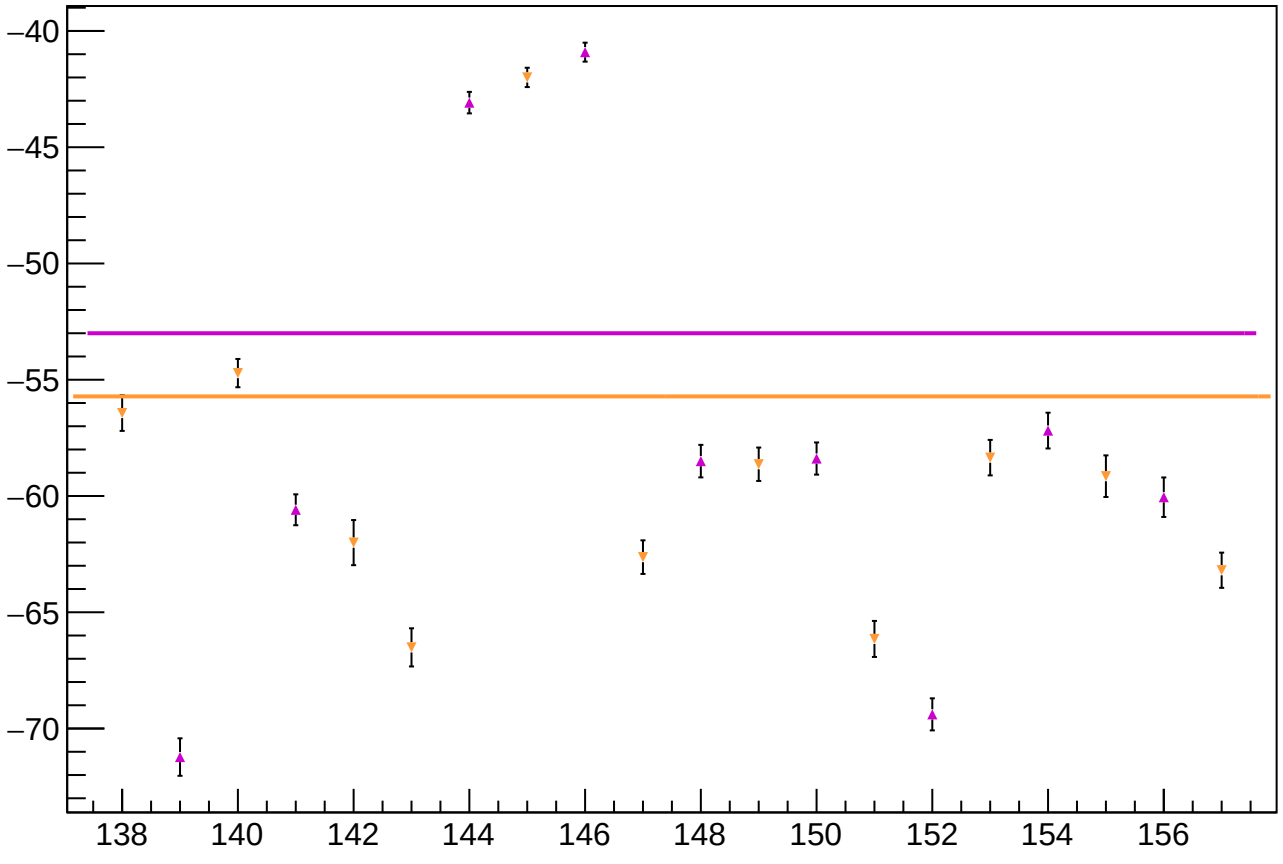
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.055+/-0.139 χ^2/NDF:155.3/8

Out: 3.818+/-0.144 χ^2/NDF:187.3/10

All: 3.424+/-0.100 χ^2/NDF: 357.2/19

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: -55.717+/-0.209 χ^2/NDF:1720.0/10

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

Left In: -53.000+/-0.205 χ^2/NDF:2766.6/8

Left: -54.334+/-0.146 χ^2/NDF: 4572.8/19

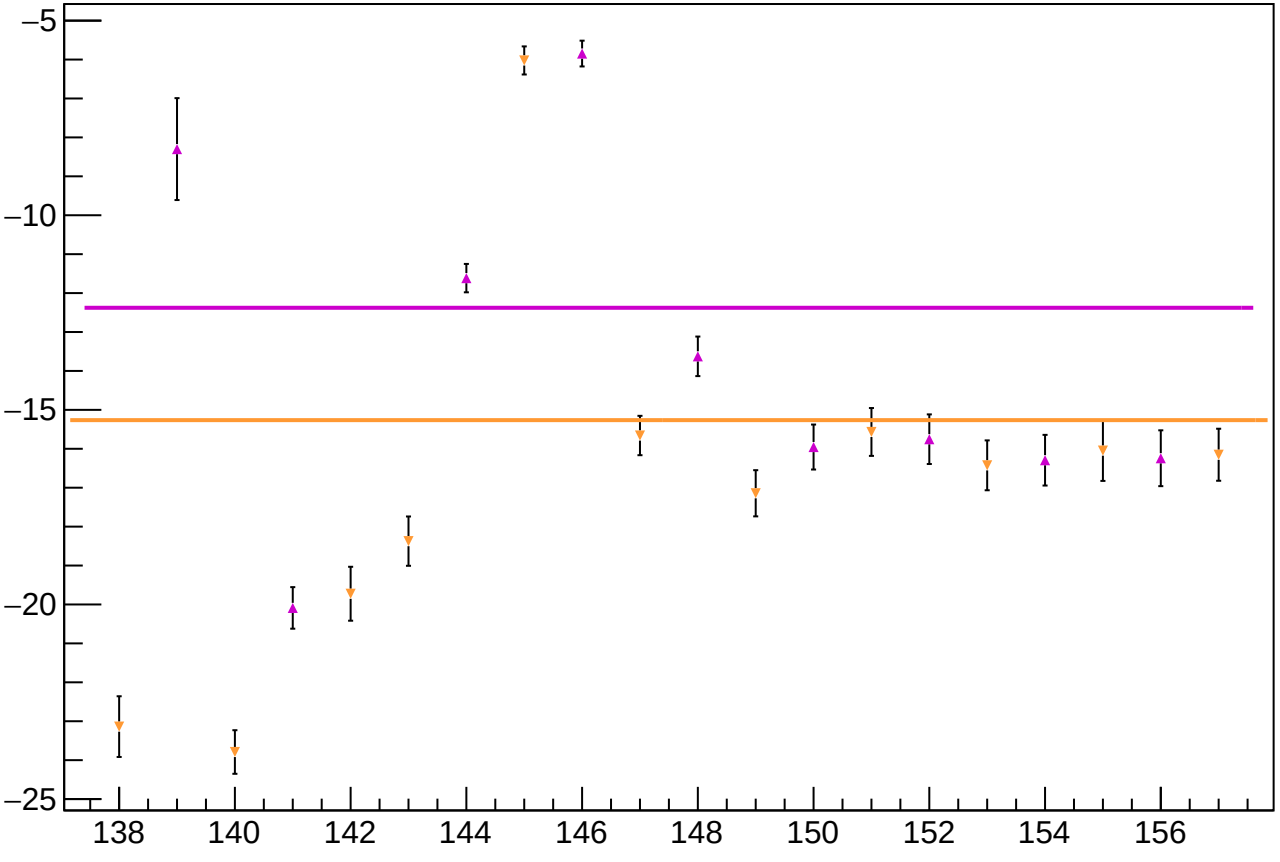
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -53.000+/-0.205 χ^2/NDF:2766.6/8

Out: -55.717+/-0.209 χ^2/NDF:1720.0/10

All: -54.334+/-0.146 χ^2/NDF: 4572.8/19

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: -15.264+/-0.175 χ^2/NDF:1072.1/10

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

Left In: -12.377+/-0.171 χ^2/NDF:749.3/8

Left: -13.787+/-0.122 χ^2/NDF: 1961.3/19

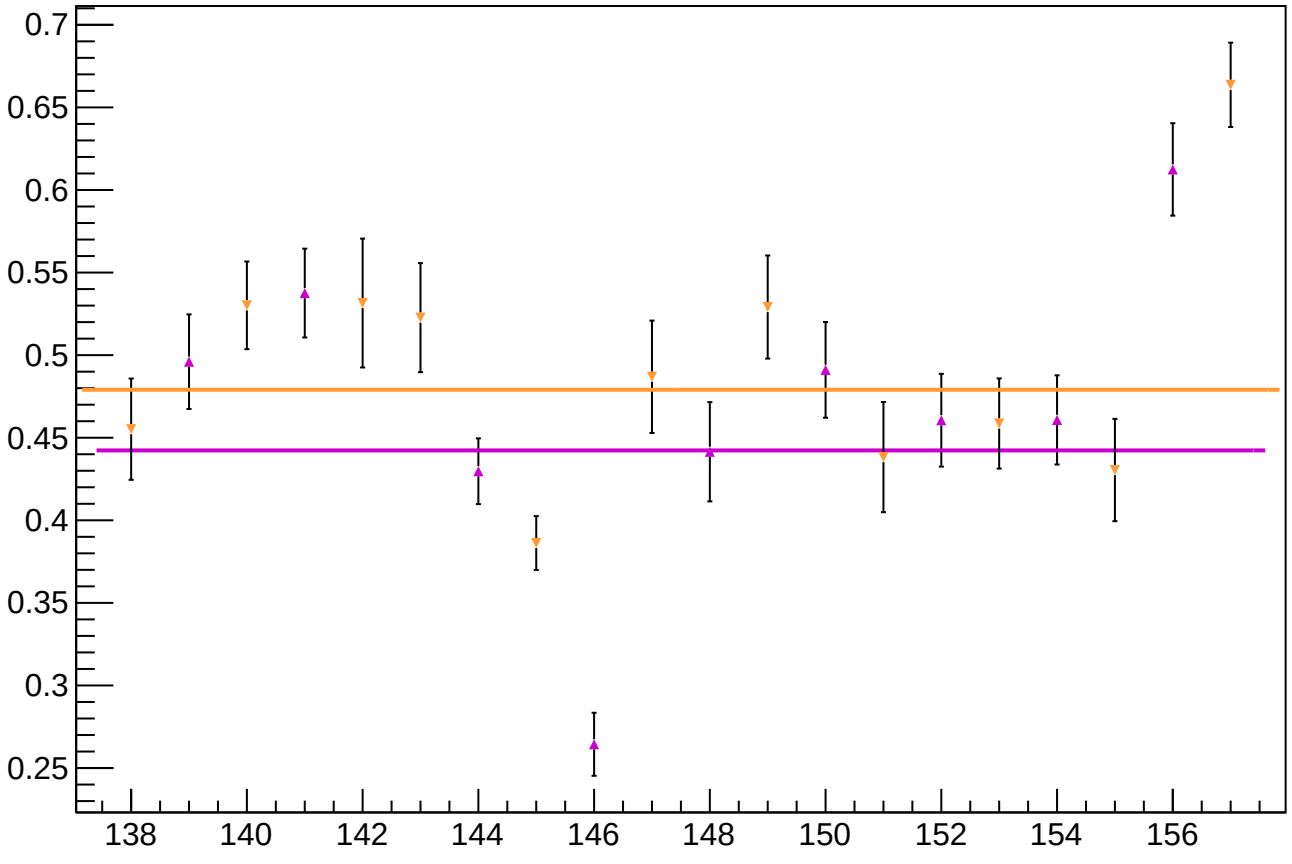
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.377+/-0.171 χ^2/NDF:749.3/8

Out: -15.264+/-0.175 χ^2/NDF:1072.1/10

All: -13.787+/-0.122 χ^2/NDF: 1961.3/19

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: 0.479+/-0.008 χ^2/NDF:99.7/10

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

Left In: 0.442+/-0.008 χ^2/NDF:144.1/8

Left: 0.461+/-0.006 χ^2/NDF: 253.4/19

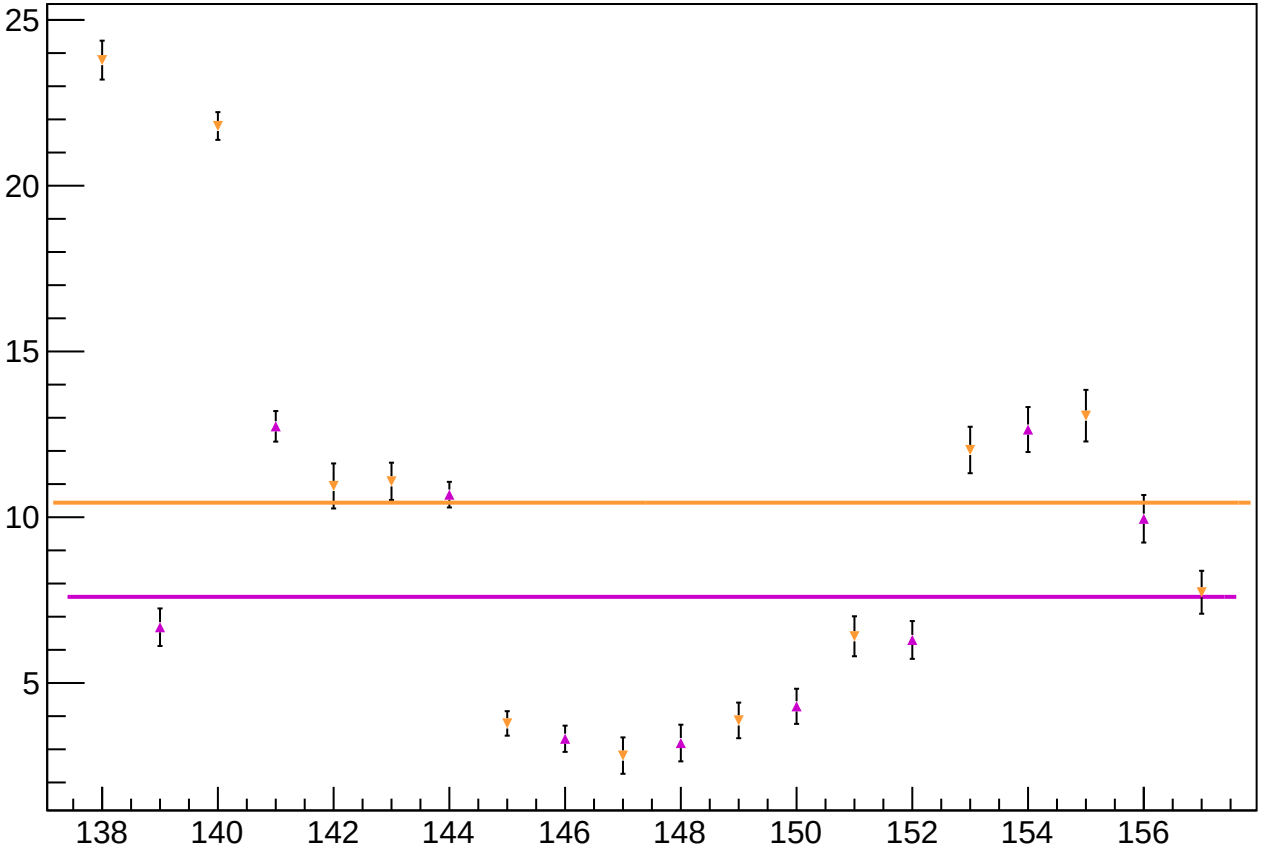
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.442+/-0.008 χ^2/NDF:144.1/8

Out: 0.479+/-0.008 χ^2/NDF:99.7/10

All: 0.461+/-0.006 χ^2/NDF: 253.4/19

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: 10.439+/-0.165 χ^2/NDF:2003.4/10

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

Left In: 7.599+/-0.169 χ^2/NDF:481.6/8

Left: 9.058+/-0.118 χ^2/NDF: 2629.7/19

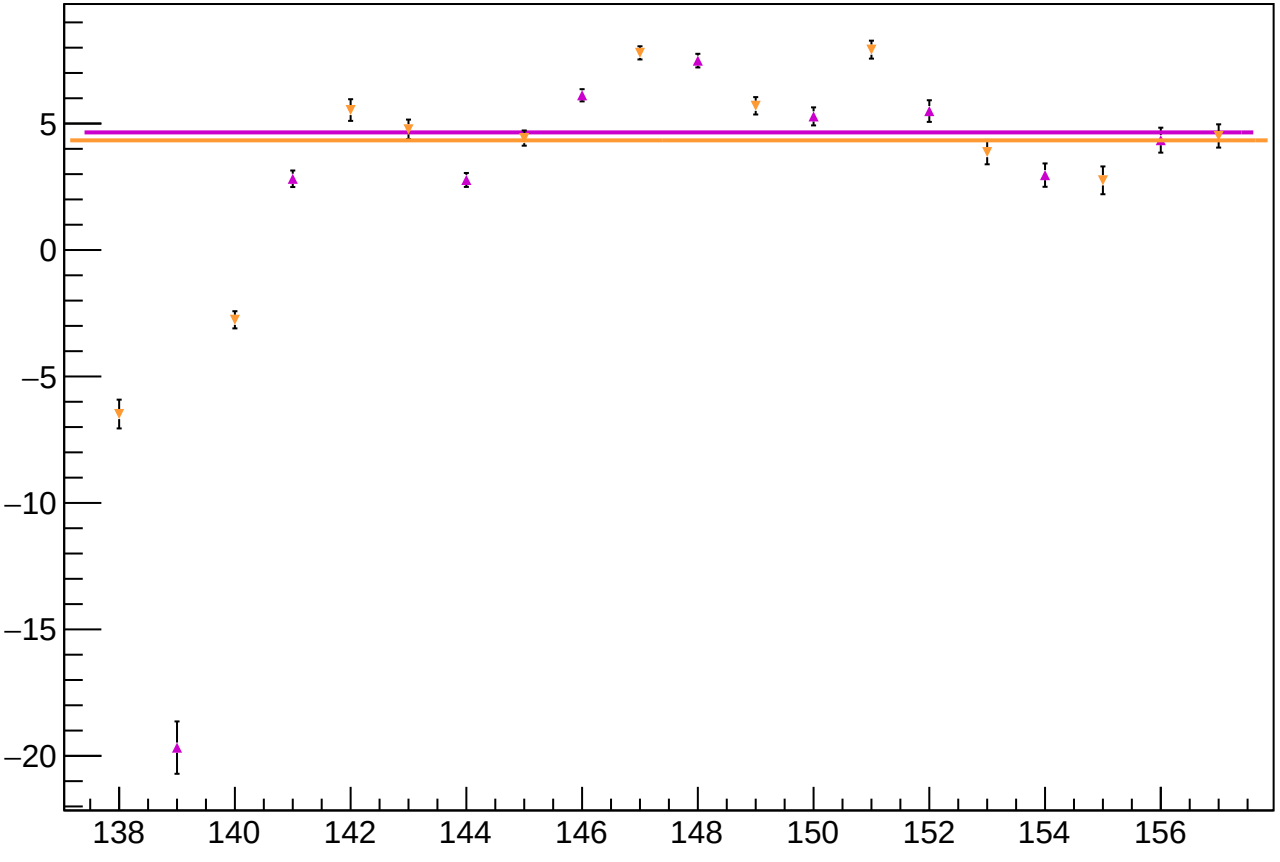
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.599+/-0.169 χ^2/NDF:481.6/8

Out: 10.439+/-0.165 χ^2/NDF:2003.4/10

All: 9.058+/-0.118 χ^2/NDF: 2629.7/19

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: 4.336+/-0.113 χ^2/NDF:1110.4/10

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

Left In: 4.650+/-0.114 χ^2/NDF:798.7/8

Left: 4.491+/-0.080 χ^2/NDF: 1913.0/19

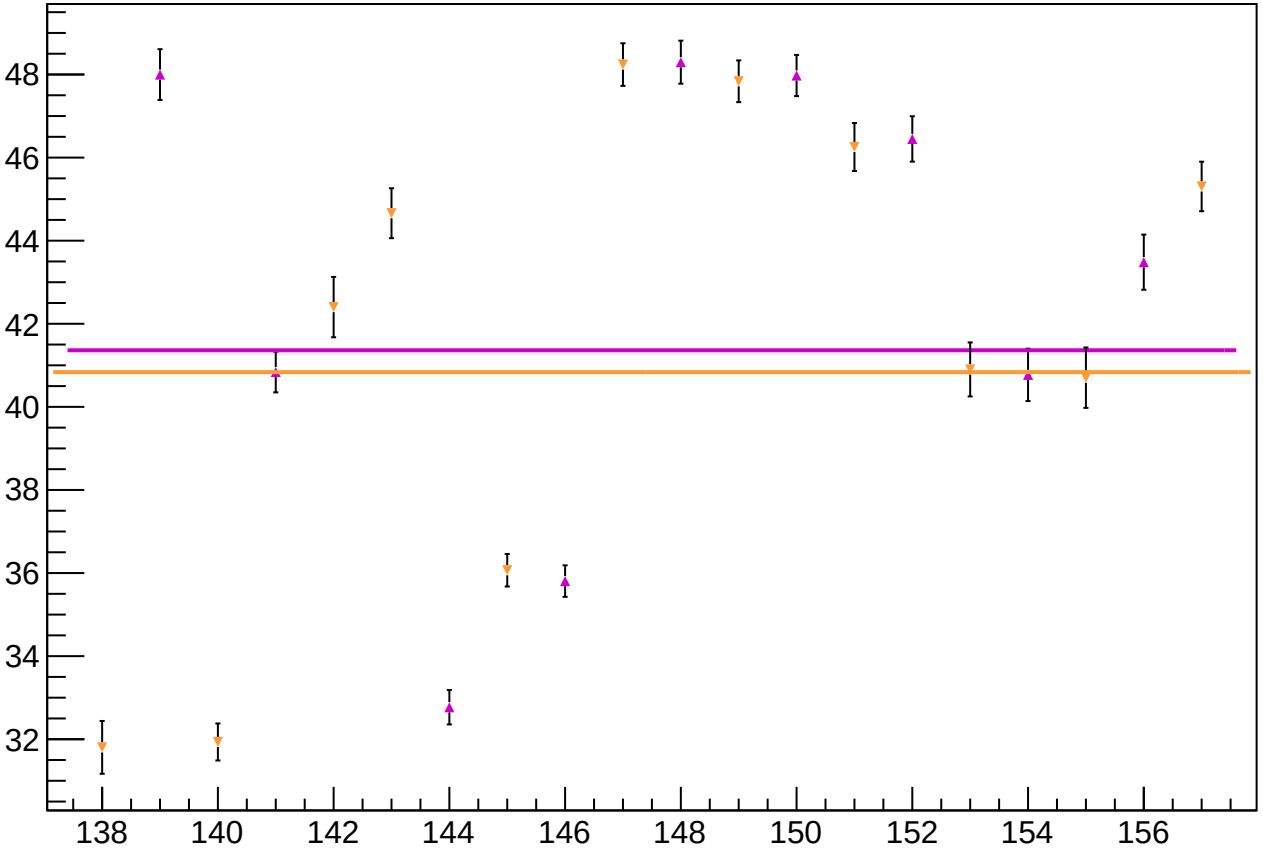
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.650+/-0.114 χ^2/NDF:798.7/8

Out: 4.336+/-0.113 χ^2/NDF:1110.4/10

All: 4.491+/-0.080 χ^2/NDF: 1913.0/19

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: 40.836+/-0.165 χ^2/NDF:1342.0/10

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

Left In: 41.362+/-0.168 χ^2/NDF:1219.2/8

Left: 41.096+/-0.118 χ^2/NDF: 2566.2/19

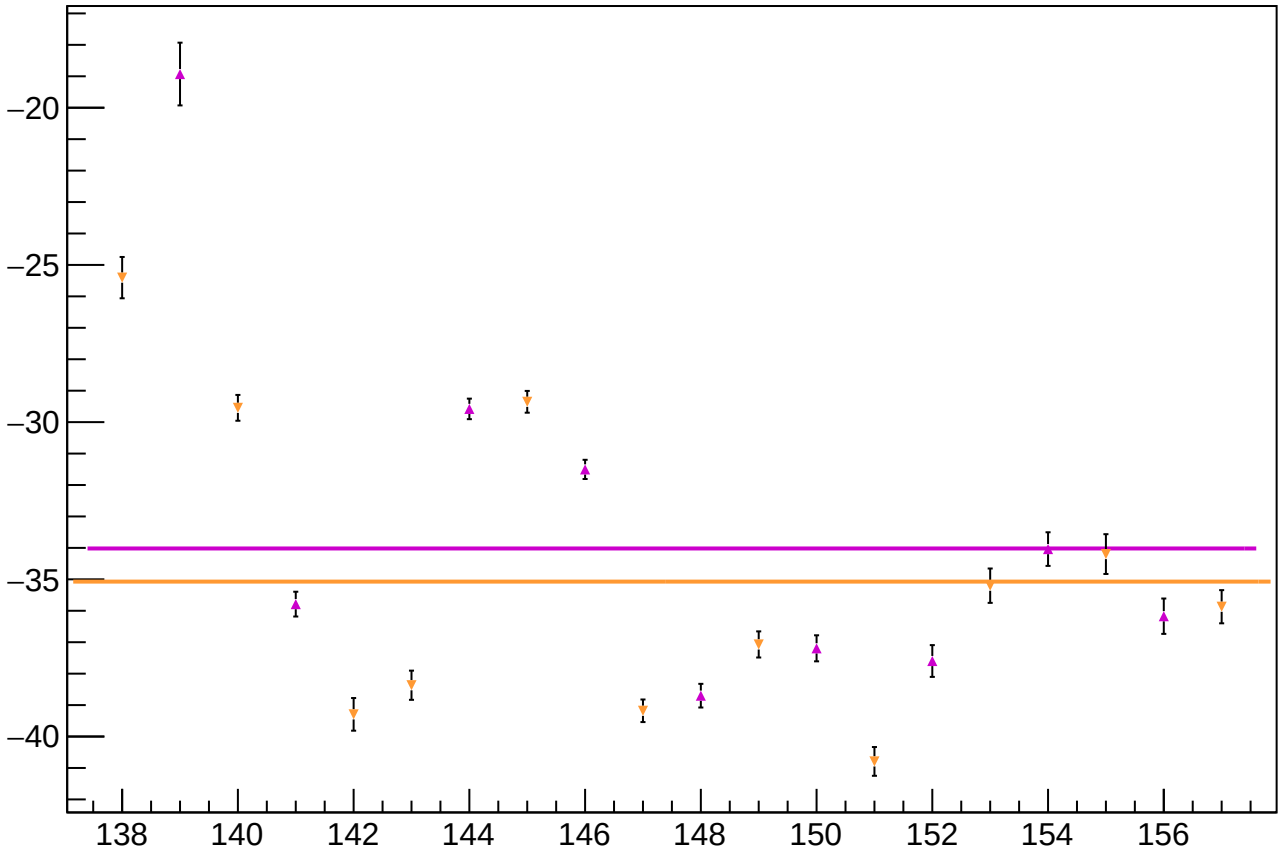
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.362+/-0.168 χ^2/NDF:1219.2/8

Out: 40.836+/-0.165 χ^2/NDF:1342.0/10

All: 41.096+/-0.118 χ^2/NDF: 2566.2/19

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: -35.072+/-0.138 χ^2/NDF:1101.2/10

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

Left In: -34.018+/-0.140 χ^2/NDF:780.1/8

Left: -34.554+/-0.098 χ^2/NDF: 1910.2/19

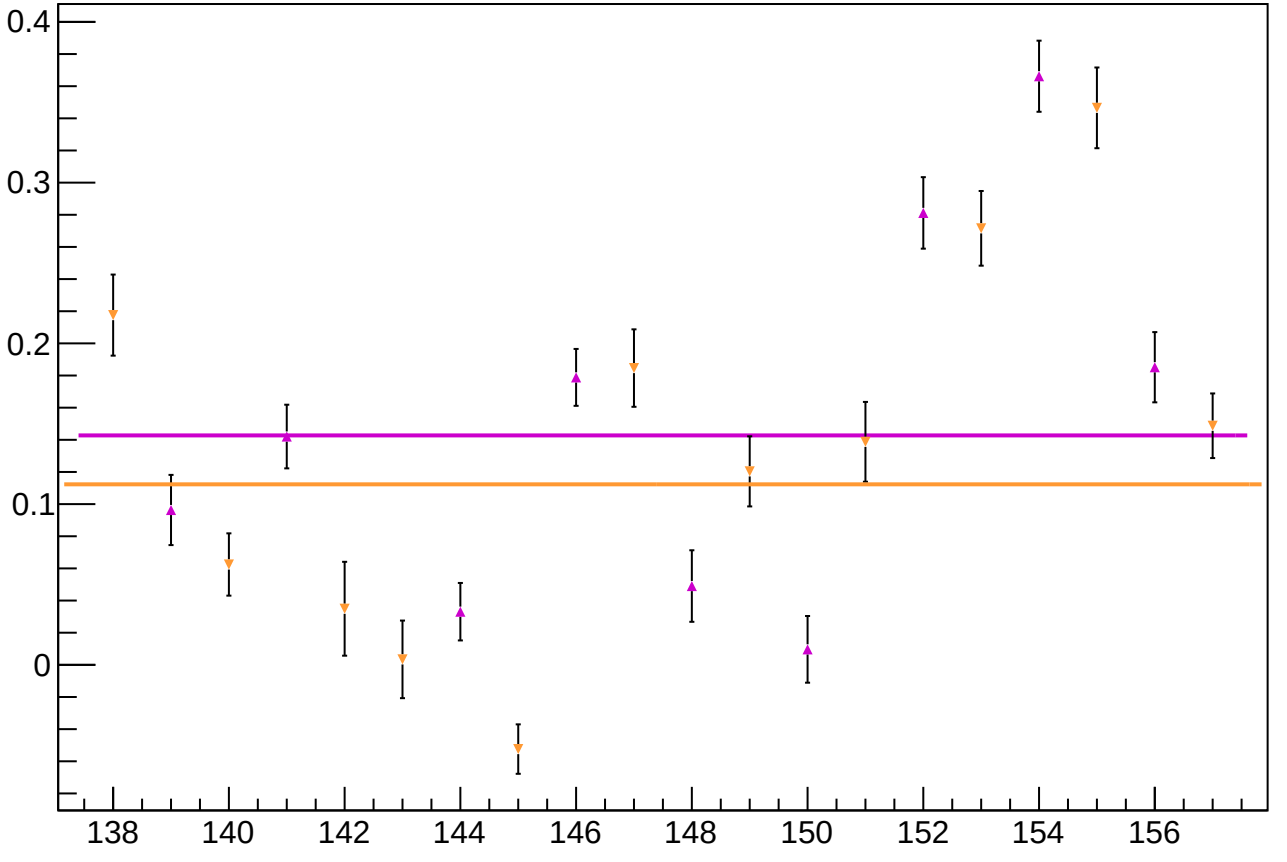
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.018+/-0.140 χ^2/NDF:780.1/8

Out: -35.072+/-0.138 χ^2/NDF:1101.2/10

All: -34.554+/-0.098 χ^2/NDF: 1910.2/19

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: 0.112+/-0.007 χ^2/NDF:313.7/10

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

Left In: 0.143+/-0.007 χ^2/NDF:249.8/8

Left: 0.127+/-0.005 χ^2/NDF: 573.7/19

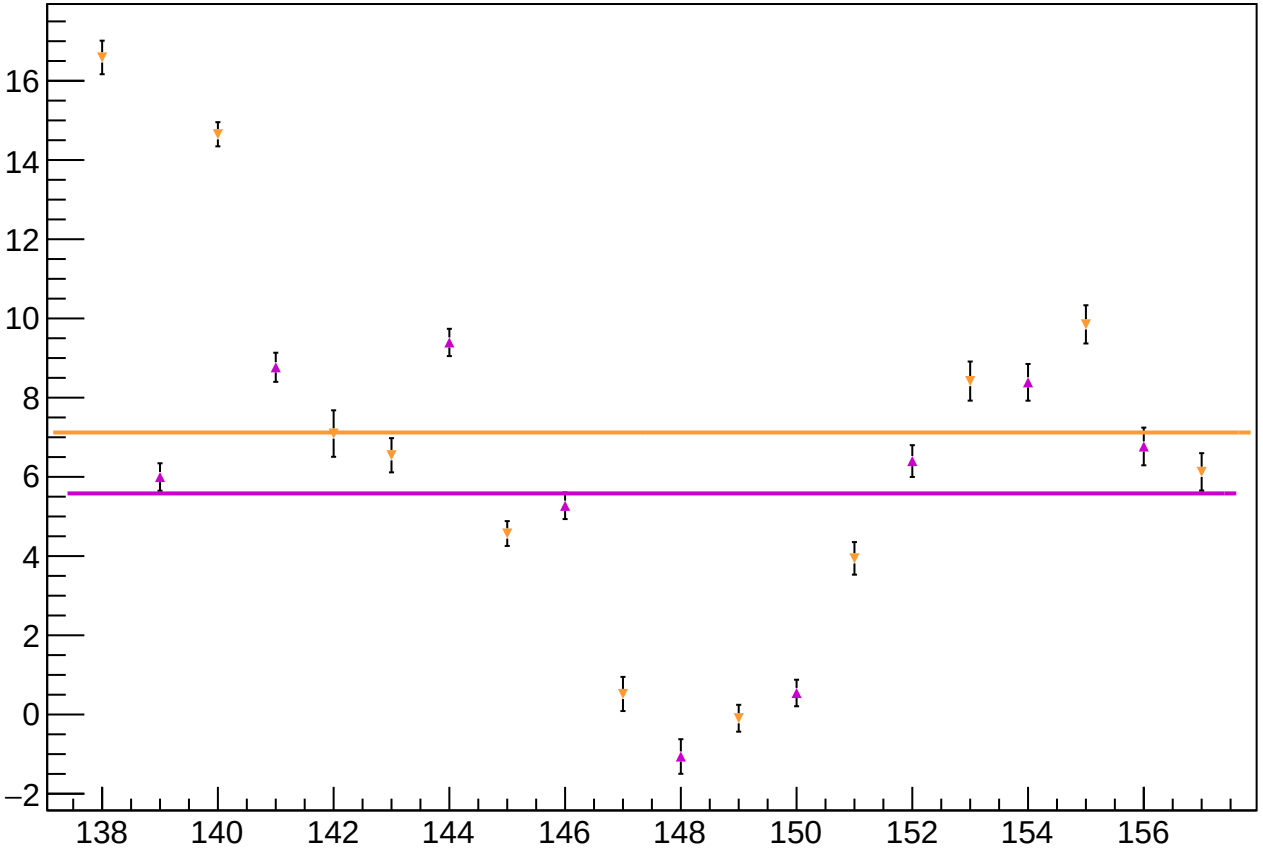
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.143+/-0.007 χ^2/NDF:249.8/8

Out: 0.112+/-0.007 χ^2/NDF:313.7/10

All: 0.127+/-0.005 χ^2/NDF: 573.7/19

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: 7.121+/-0.122 χ^2/NDF:1966.0/10

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

Left In: 5.582+/-0.127 χ^2/NDF:704.3/8

Left: 6.382+/-0.088 χ^2/NDF: 2747.2/19

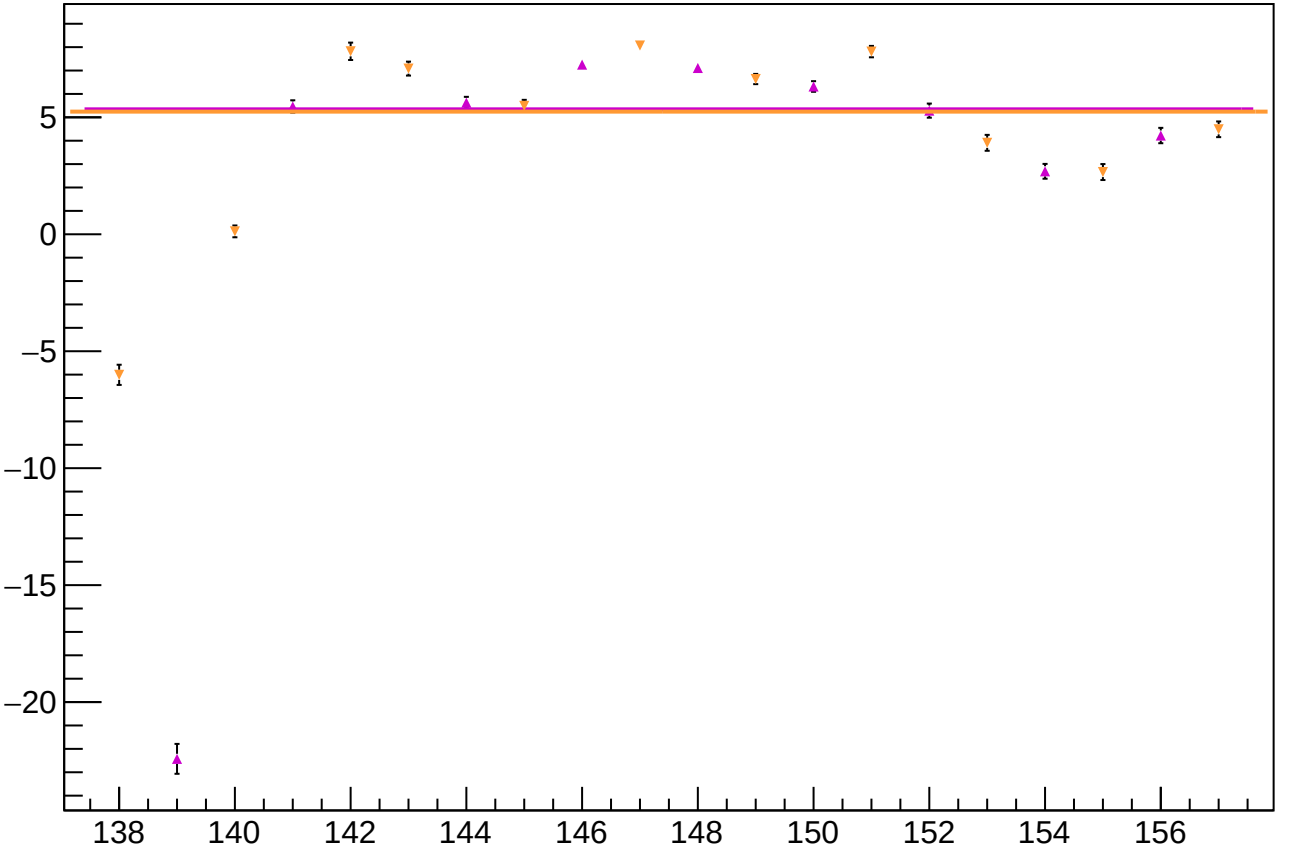
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.582+/-0.127 χ^2/NDF:704.3/8

Out: 7.121+/-0.122 χ^2/NDF:1966.0/10

All: 6.382+/-0.088 χ^2/NDF: 2747.2/19

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: 5.244+/-0.084 χ^2/NDF:1592.4/10

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

Left In: 5.341+/-0.089 χ^2/NDF:2137.7/8

Left: 5.290+/-0.061 χ^2/NDF: 3730.8/19

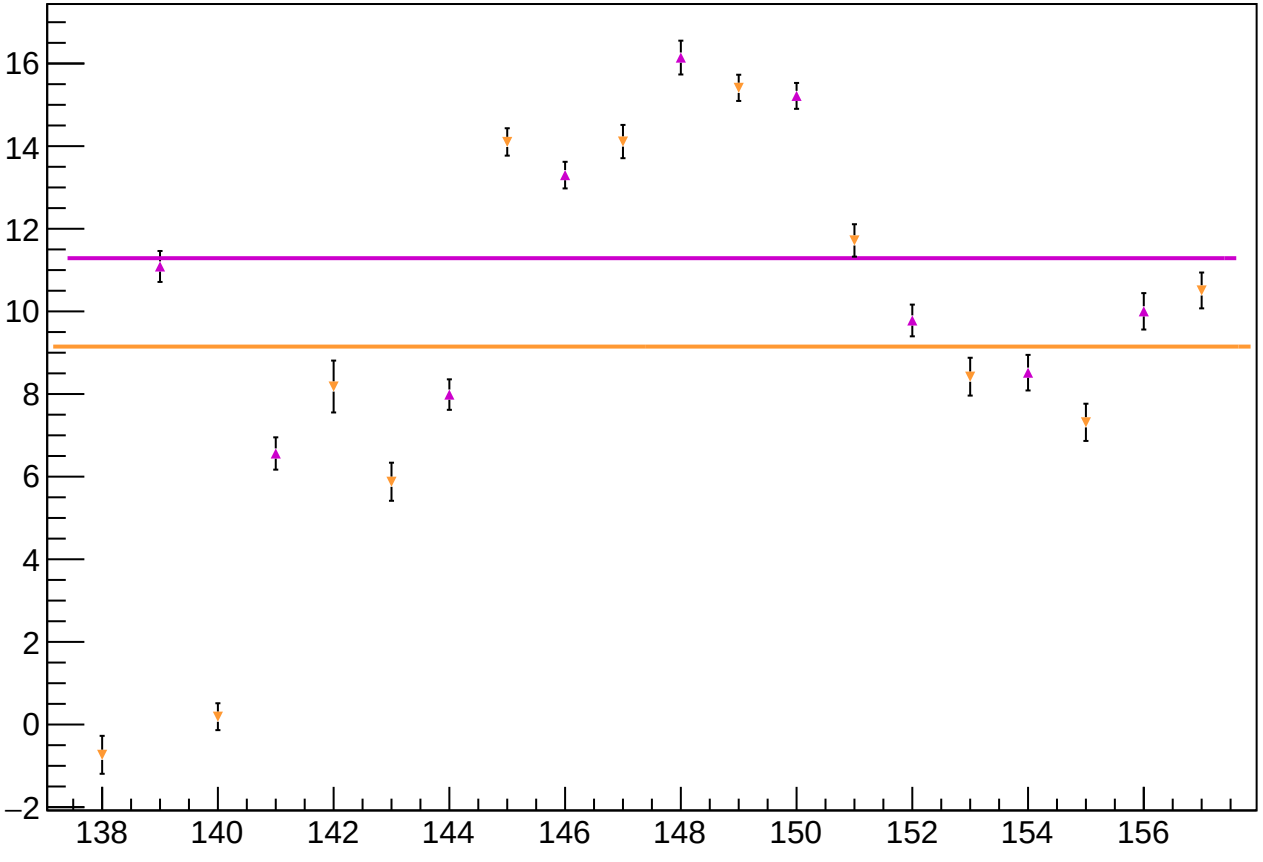
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.341+/-0.089 χ^2/NDF:2137.7/8

Out: 5.244+/-0.084 χ^2/NDF:1592.4/10

All: 5.290+/-0.061 χ^2/NDF: 3730.8/19

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: 9.148+/-0.121 χ^2/NDF:2110.7/10

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

Left In: 11.288+/-0.125 χ^2/NDF:628.5/8

Left: 10.185+/-0.087 χ^2/NDF: 2890.4/19

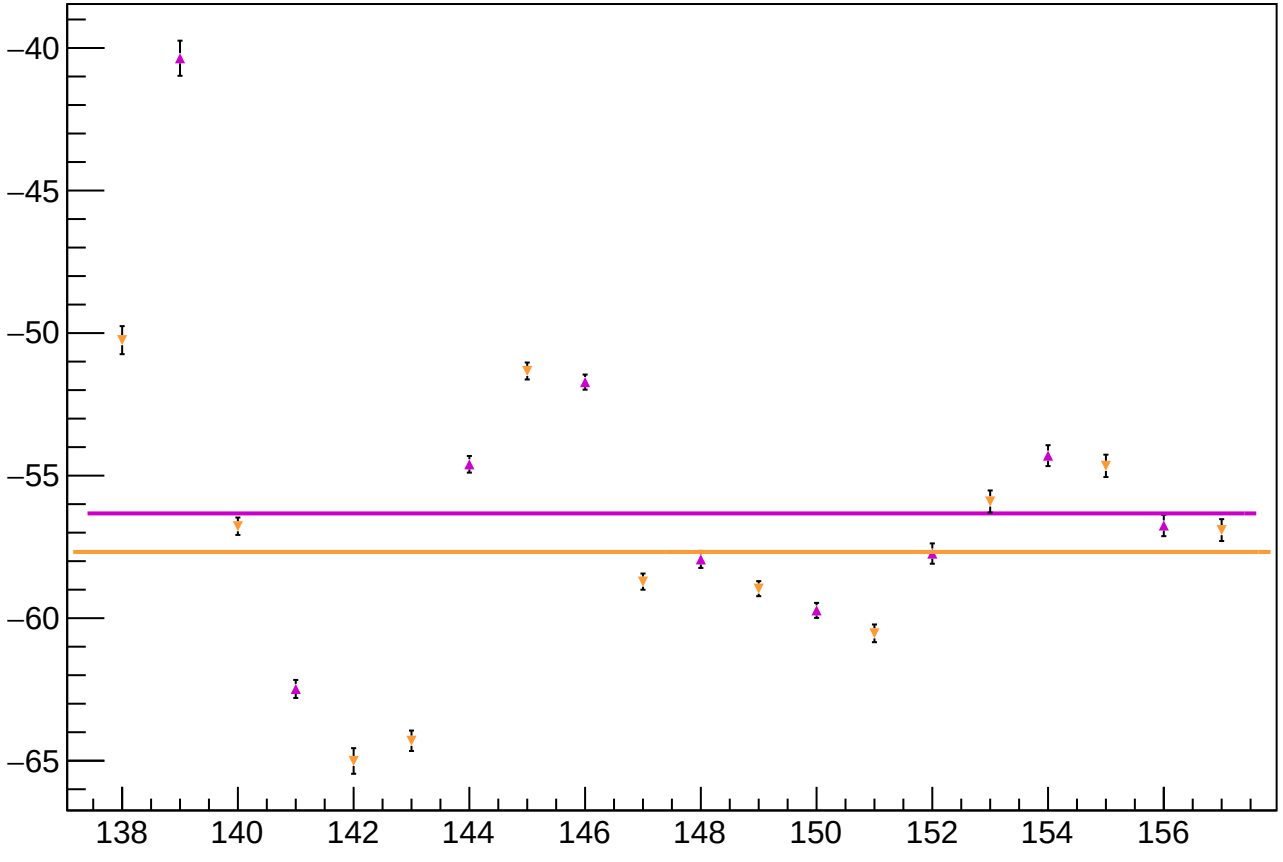
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.288+/-0.125 χ^2/NDF:628.5/8

Out: 9.148+/-0.121 χ^2/NDF:2110.7/10

All: 10.185+/-0.087 χ^2/NDF: 2890.4/19

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: -57.677+/-0.102 χ^2/NDF:1507.7/10

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

Left In: -56.326+/-0.107 χ^2/NDF:1631.5/8

Left: -57.036+/-0.074 χ^2/NDF: 3222.5/19

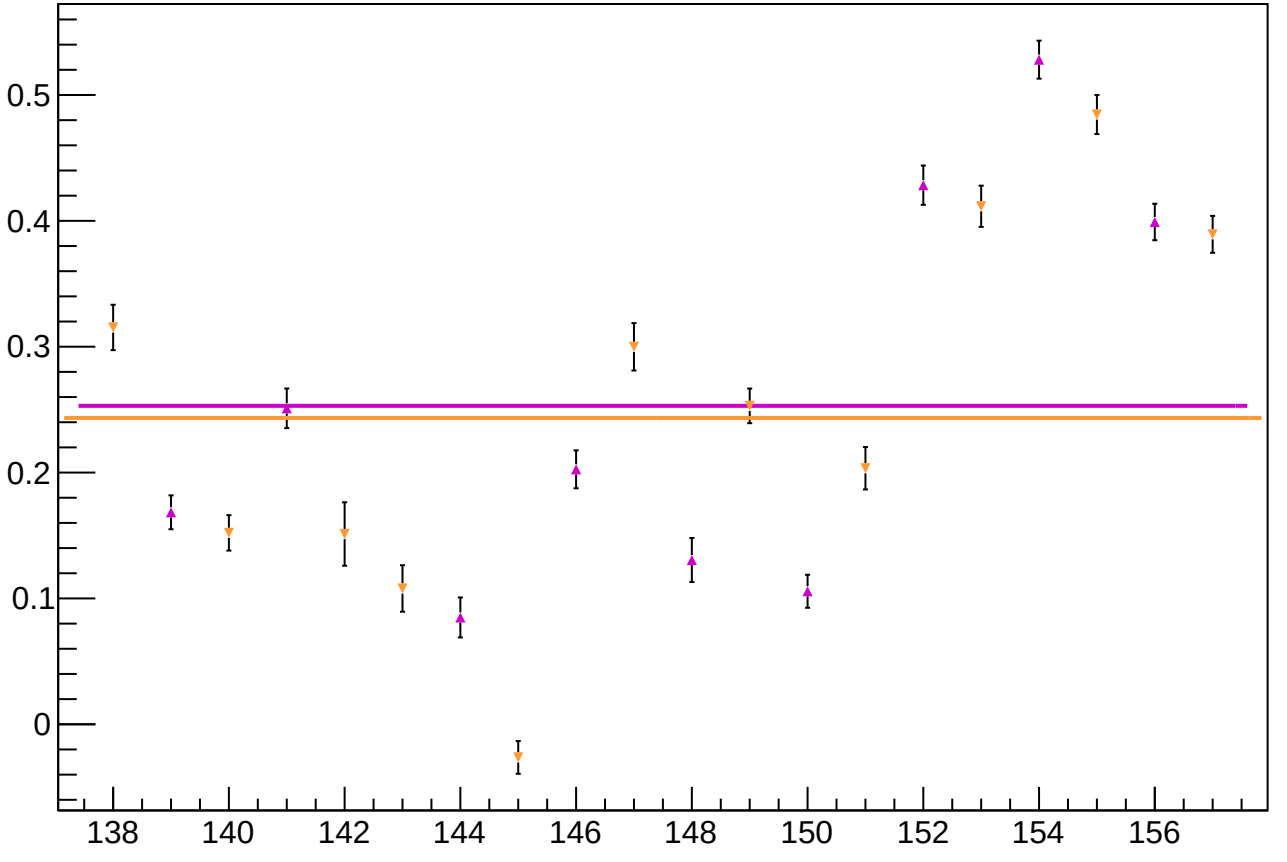
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -56.326+/-0.107 χ^2/NDF:1631.5/8

Out: -57.677+/-0.102 χ^2/NDF:1507.7/10

All: -57.036+/-0.074 χ^2/NDF: 3222.5/19

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: 0.243+/-0.005 χ^2/NDF:1015.9/10

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

Left In: 0.253+/-0.005 χ^2/NDF:897.8/8

Left: 0.248+/-0.003 χ^2/NDF: 1915.6/19

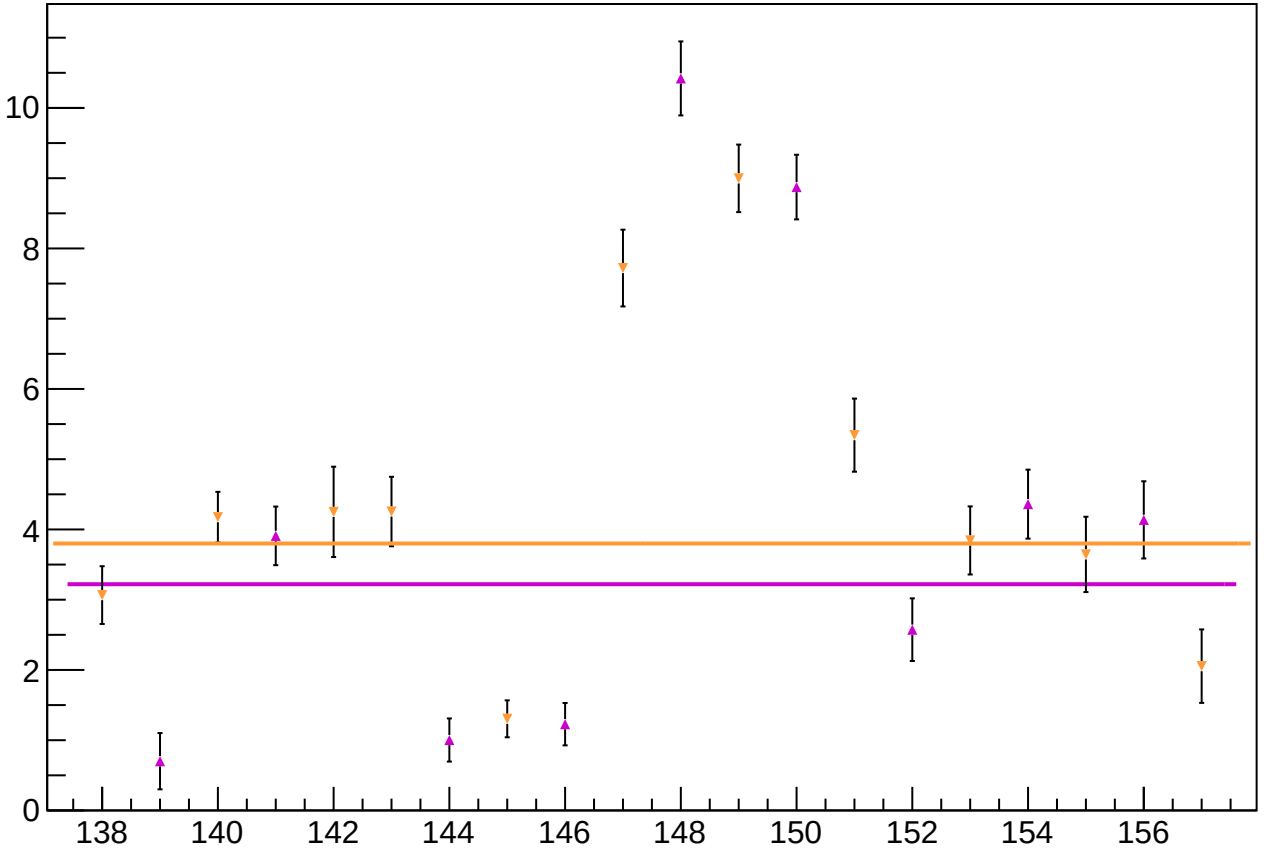
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.253+/-0.005 χ^2/NDF:897.8/8

Out: 0.243+/-0.005 χ^2/NDF:1015.9/10

All: 0.248+/-0.003 χ^2/NDF: 1915.6/19

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: 3.800+/-0.132 χ^2/NDF:284.1/10

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

Left In: 3.220+/-0.136 χ^2/NDF:486.4/8

Left: 3.518+/-0.095 χ^2/NDF: 779.9/19

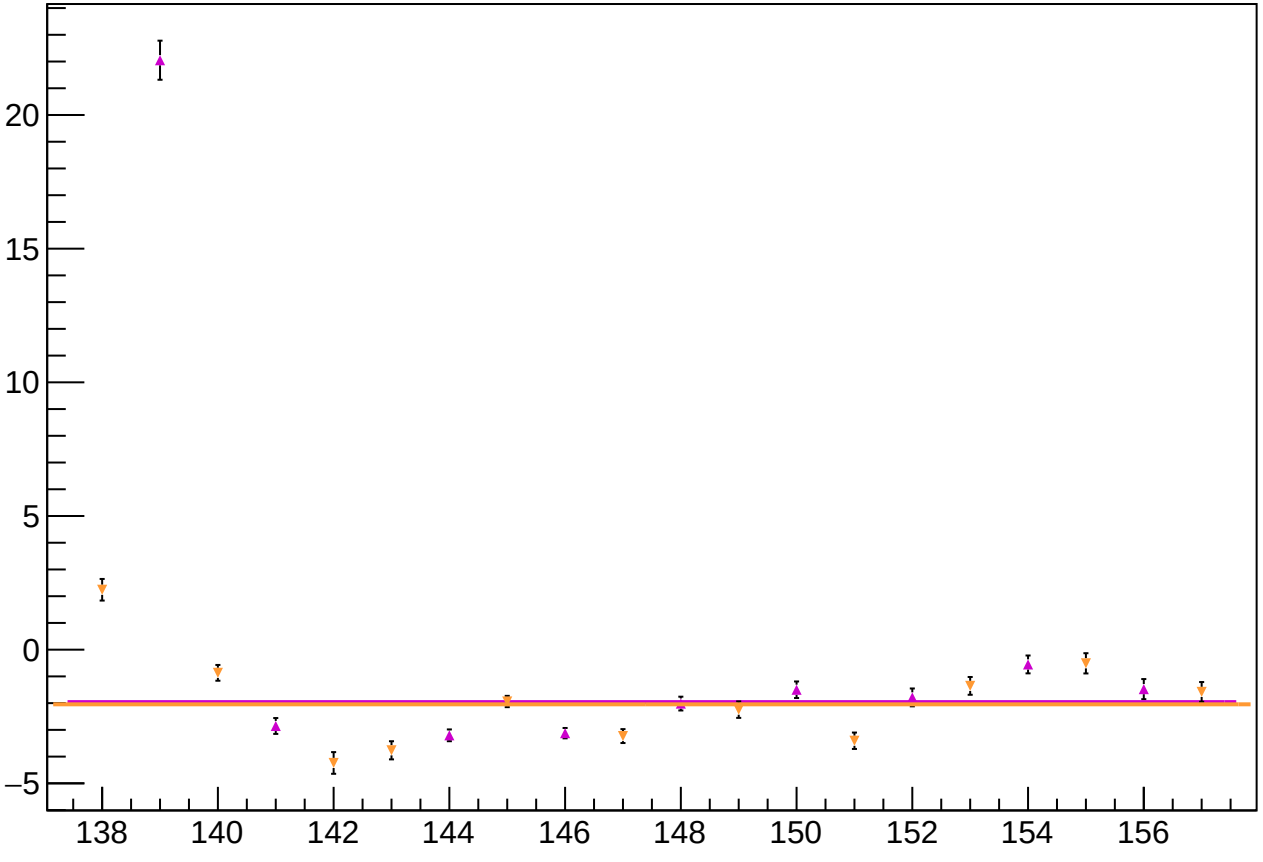
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.220+/-0.136 χ^2/NDF:486.4/8

Out: 3.800+/-0.132 χ^2/NDF:284.1/10

All: 3.518+/-0.095 χ^2/NDF: 779.9/19

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: -2.044+/-0.094 χ^2/NDF:246.9/10

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

Left In: -1.962+/-0.095 χ^2/NDF:1177.5/8

Left: -2.004+/-0.067 χ^2/NDF: 1424.8/19

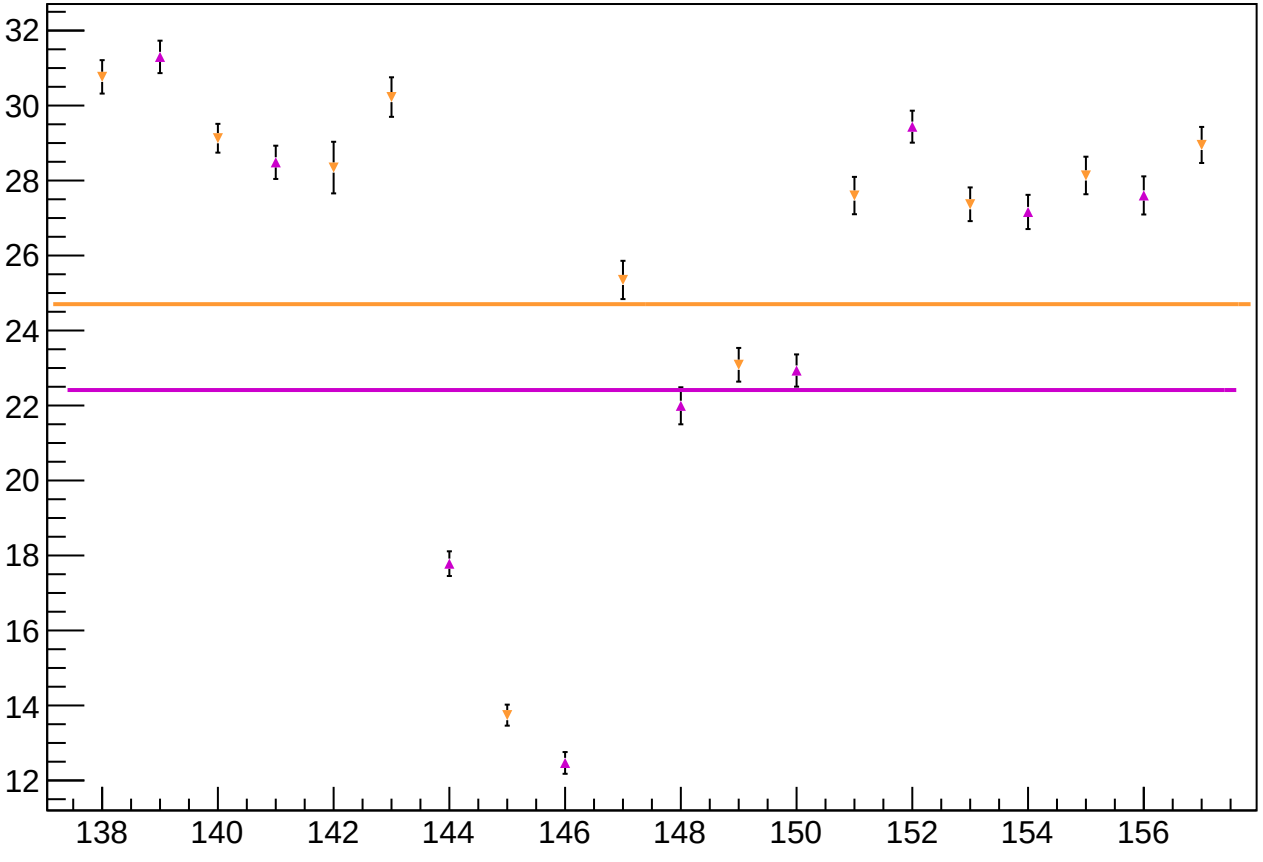
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.962+/-0.095 χ^2/NDF:1177.5/8

Out: -2.044+/-0.094 χ^2/NDF:246.9/10

All: -2.004+/-0.067 χ^2/NDF: 1424.8/19

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: 24.703+/-0.133 χ^2/NDF:2192.5/10

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

Left In: 22.413+/-0.135 χ^2/NDF:2468.4/8

Left: 23.569+/-0.095 χ^2/NDF: 4807.2/19

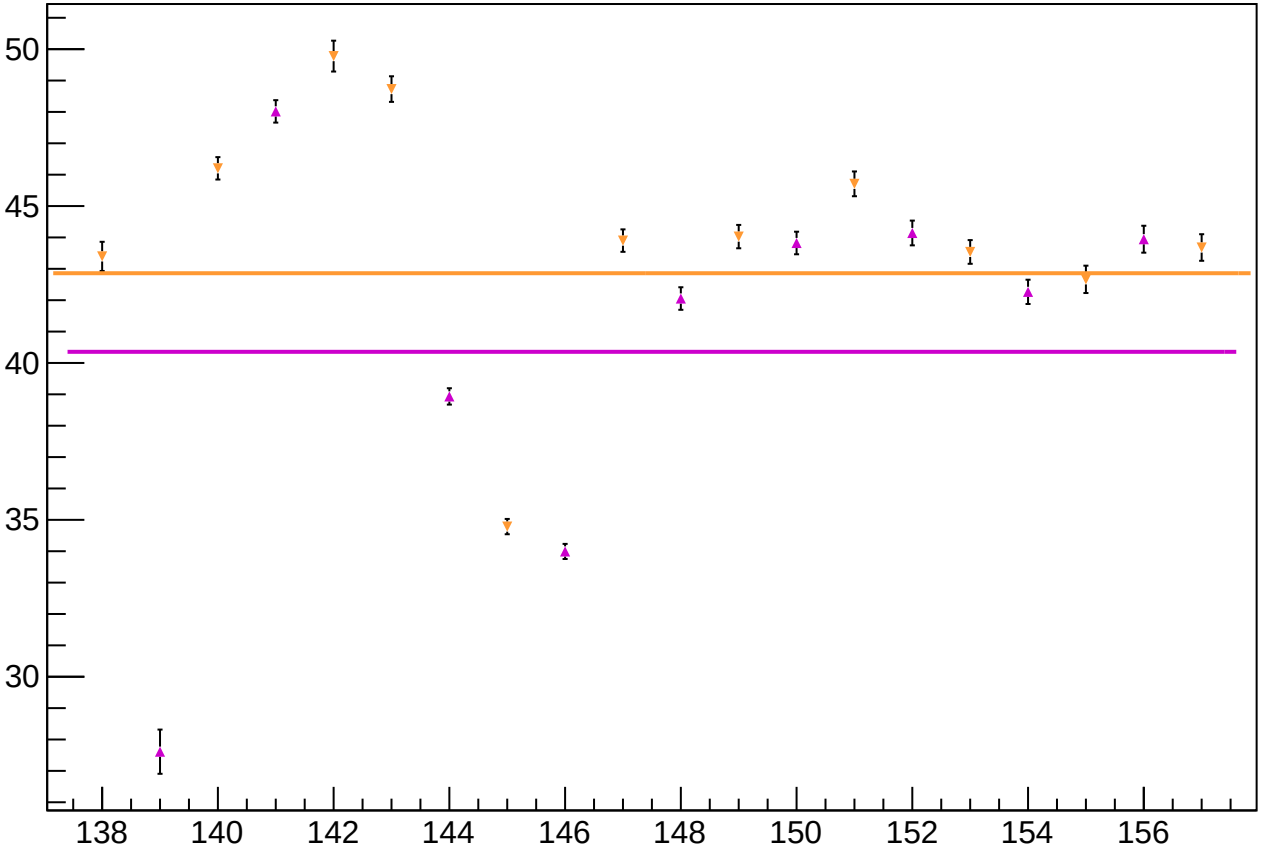
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 22.413+/-0.135 χ^2/NDF:2468.4/8

Out: 24.703+/-0.133 χ^2/NDF:2192.5/10

All: 23.569+/-0.095 χ^2/NDF: 4807.2/19

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: 42.860+/-0.113 χ^2/NDF:1666.7/10

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

Left In: 40.355+/-0.115 χ^2/NDF:1817.5/8

Left: 41.631+/-0.080 χ^2/NDF: 3726.5/19

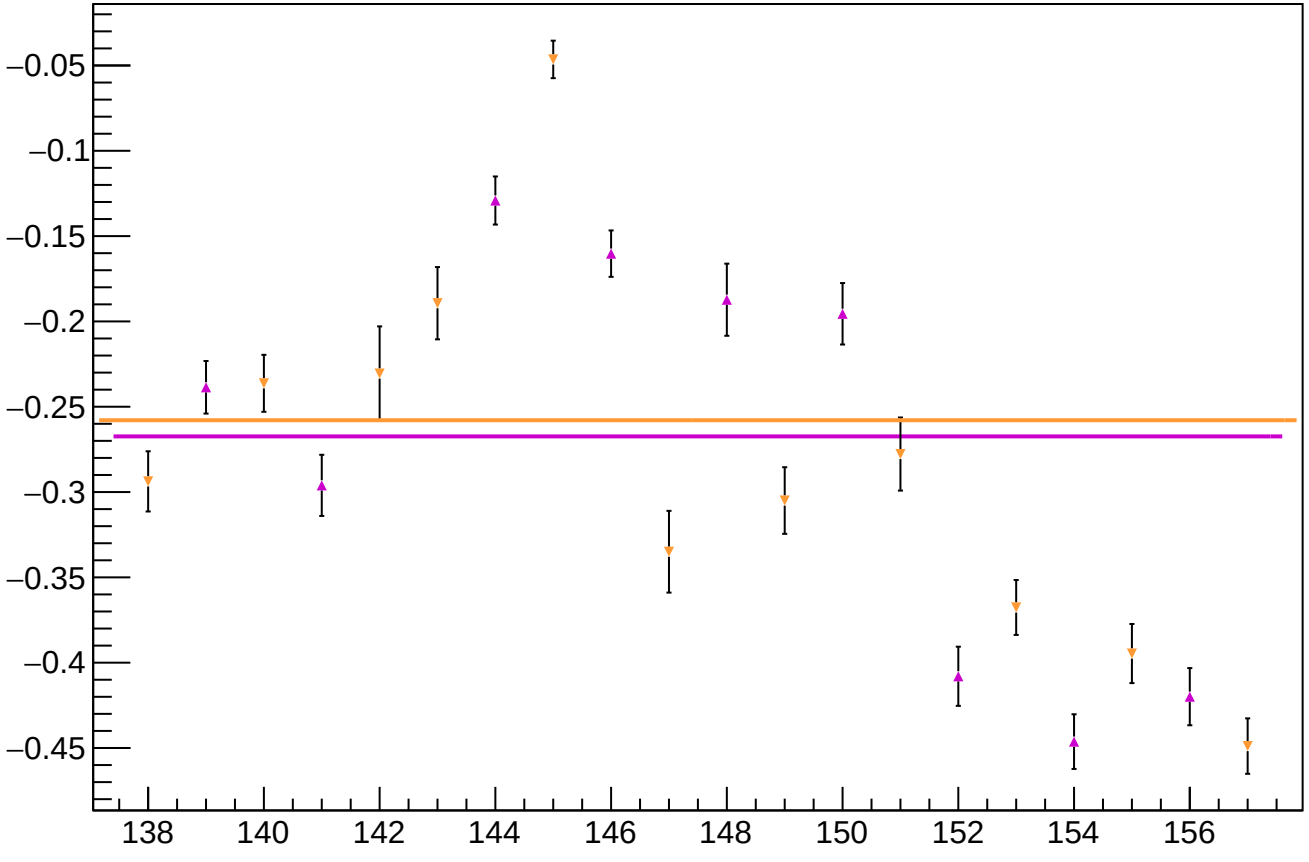
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 40.355+/-0.115 χ^2/NDF:1817.5/8

Out: 42.860+/-0.113 χ^2/NDF:1666.7/10

All: 41.631+/-0.080 χ^2/NDF: 3726.5/19

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: -0.258+/-0.005 χ^2/NDF:651.9/10

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

Left In: -0.267+/-0.005 χ^2/NDF:467.9/8

Left: -0.262+/-0.004 χ^2/NDF: 1121.4/19

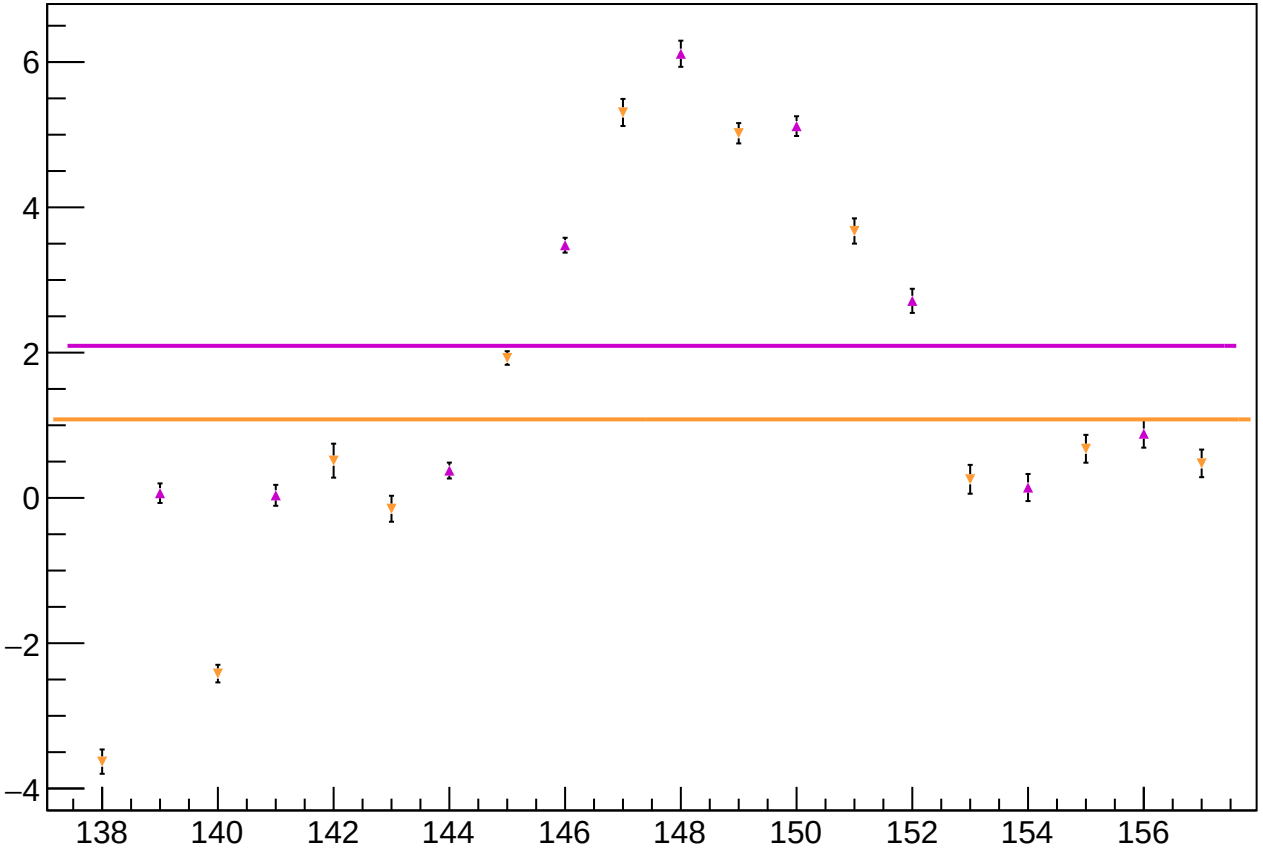
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.267+/-0.005 χ^2/NDF:467.9/8

Out: -0.258+/-0.005 χ^2/NDF:651.9/10

All: -0.262+/-0.004 χ^2/NDF: 1121.4/19

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 1.081+/-0.047 χ^2/NDF:3319.1/10

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

Left In: 2.094+/-0.047 χ^2/NDF:2016.8/8

Left: 1.587+/-0.033 χ^2/NDF: 5571.5/19

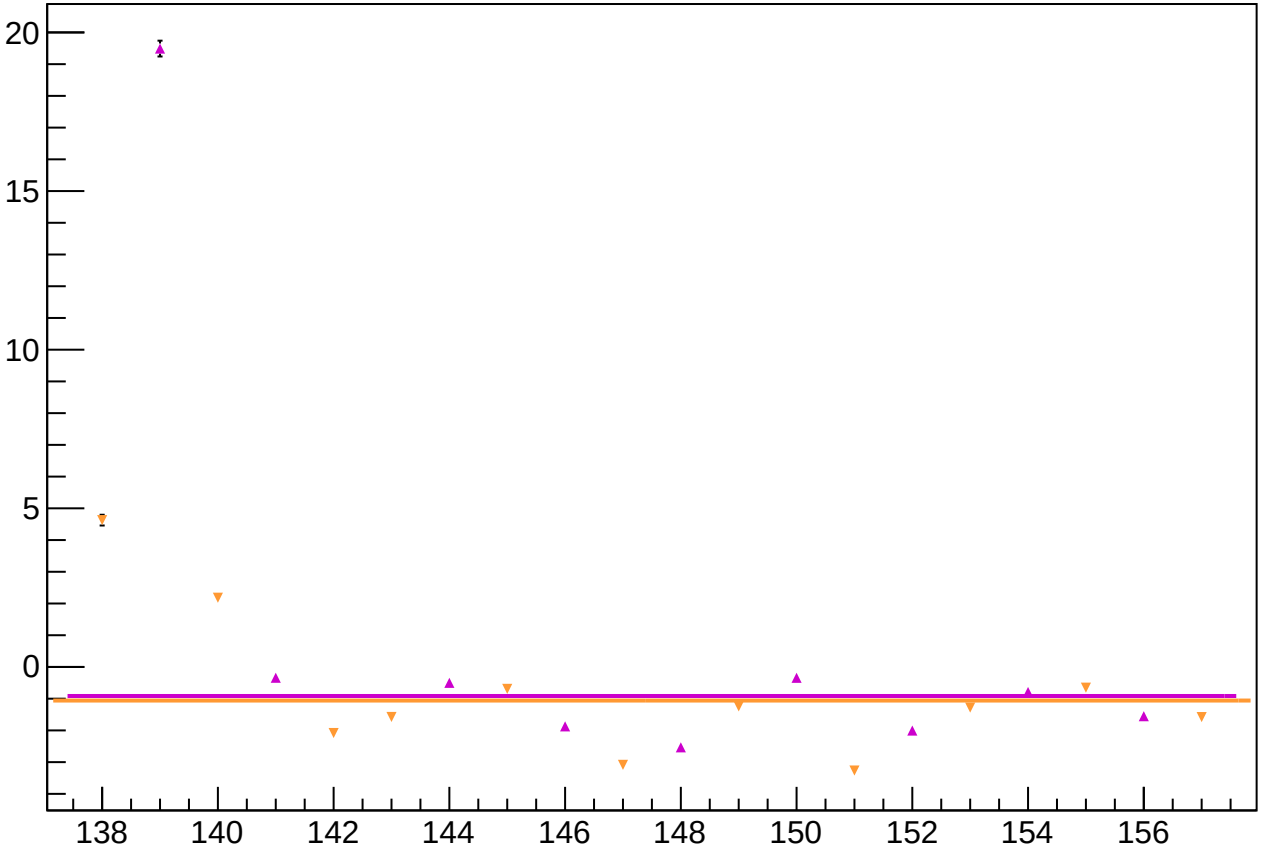
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.094+/-0.047 χ^2/NDF:2016.8/8

Out: 1.081+/-0.047 χ^2/NDF:3319.1/10

All: 1.587+/-0.033 χ^2/NDF: 5571.5/19

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: -1.059+/-0.033 χ^2/NDF:3270.9/10

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

Left In: -0.915+/-0.033 χ^2/NDF:7440.6/8

Left: -0.987+/-0.023 χ^2/NDF: 10721.0/19

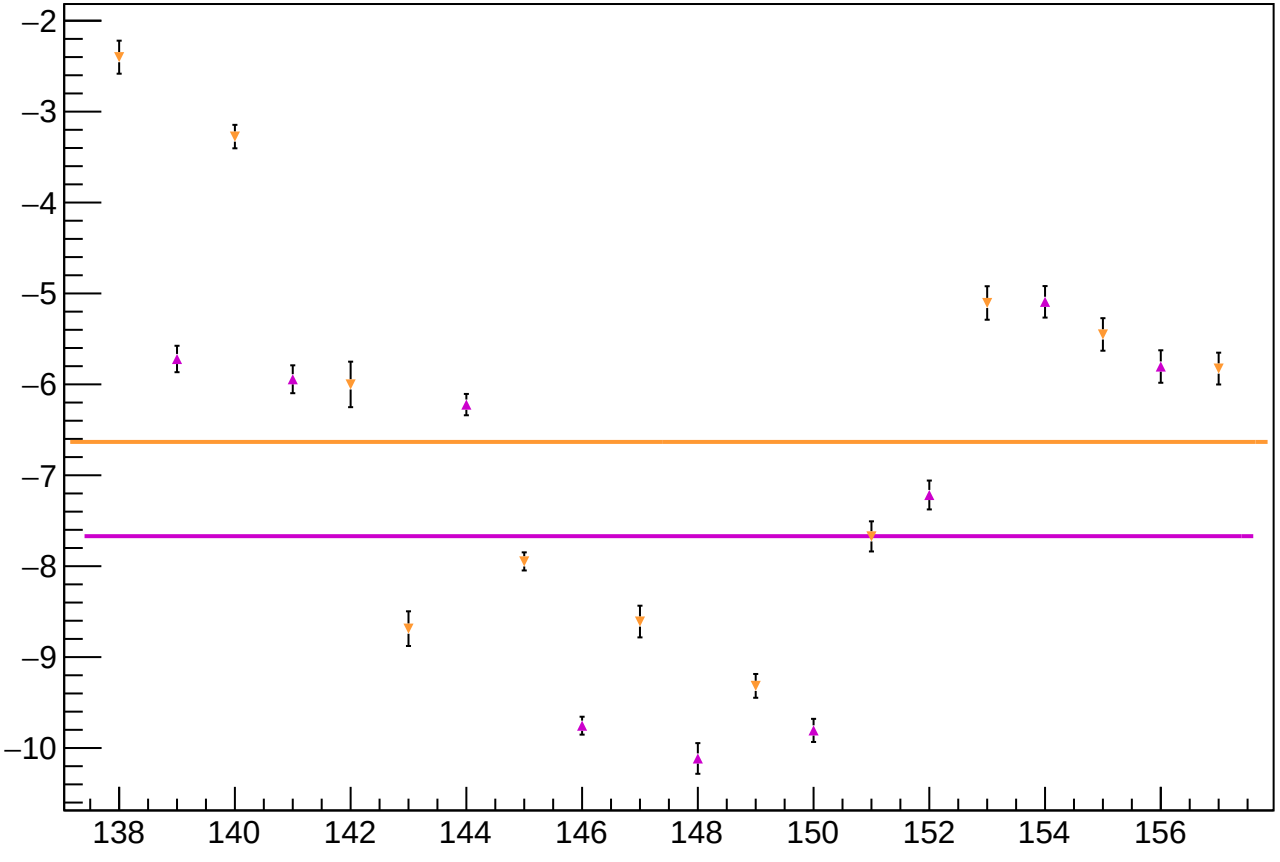
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.915+/-0.033 χ^2/NDF:7440.6/8

Out: -1.059+/-0.033 χ^2/NDF:3270.9/10

All: -0.987+/-0.023 χ^2/NDF: 10721.0/19

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: -6.633+/-0.047 χ^2/NDF:2238.6/10

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

Left In: -7.670+/-0.046 χ^2/NDF:1737.5/8

Left: -7.158+/-0.033 χ^2/NDF: 4224.0/19

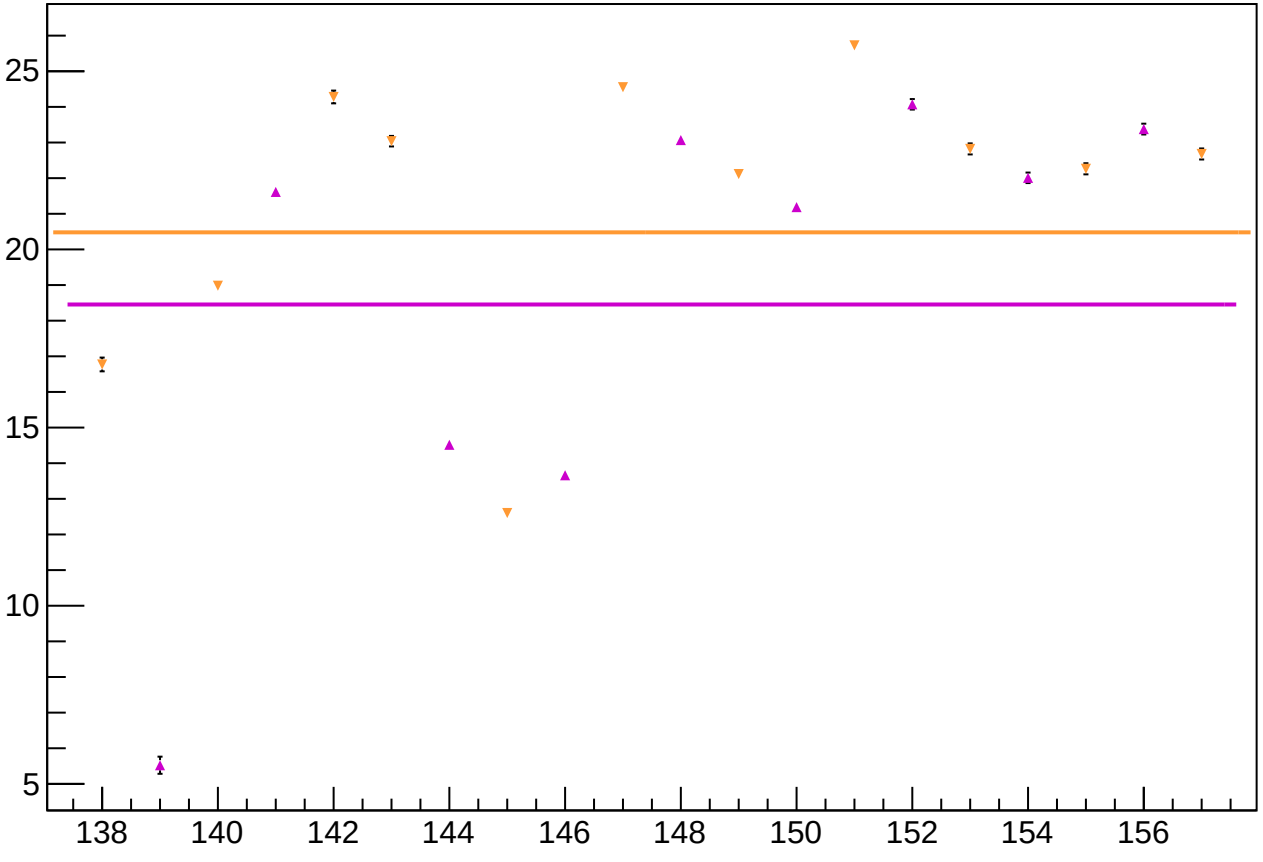
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.670+/-0.046 χ^2/NDF:1737.5/8

Out: -6.633+/-0.047 χ^2/NDF:2238.6/10

All: -7.158+/-0.033 χ^2/NDF: 4224.0/19

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: 20.479+/-0.040 χ^2/NDF:12724.7/10

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

Left In: 18.454+/-0.040 χ^2/NDF:13878.8/8

Left: 19.466+/-0.028 χ^2/NDF: 27905.0/19

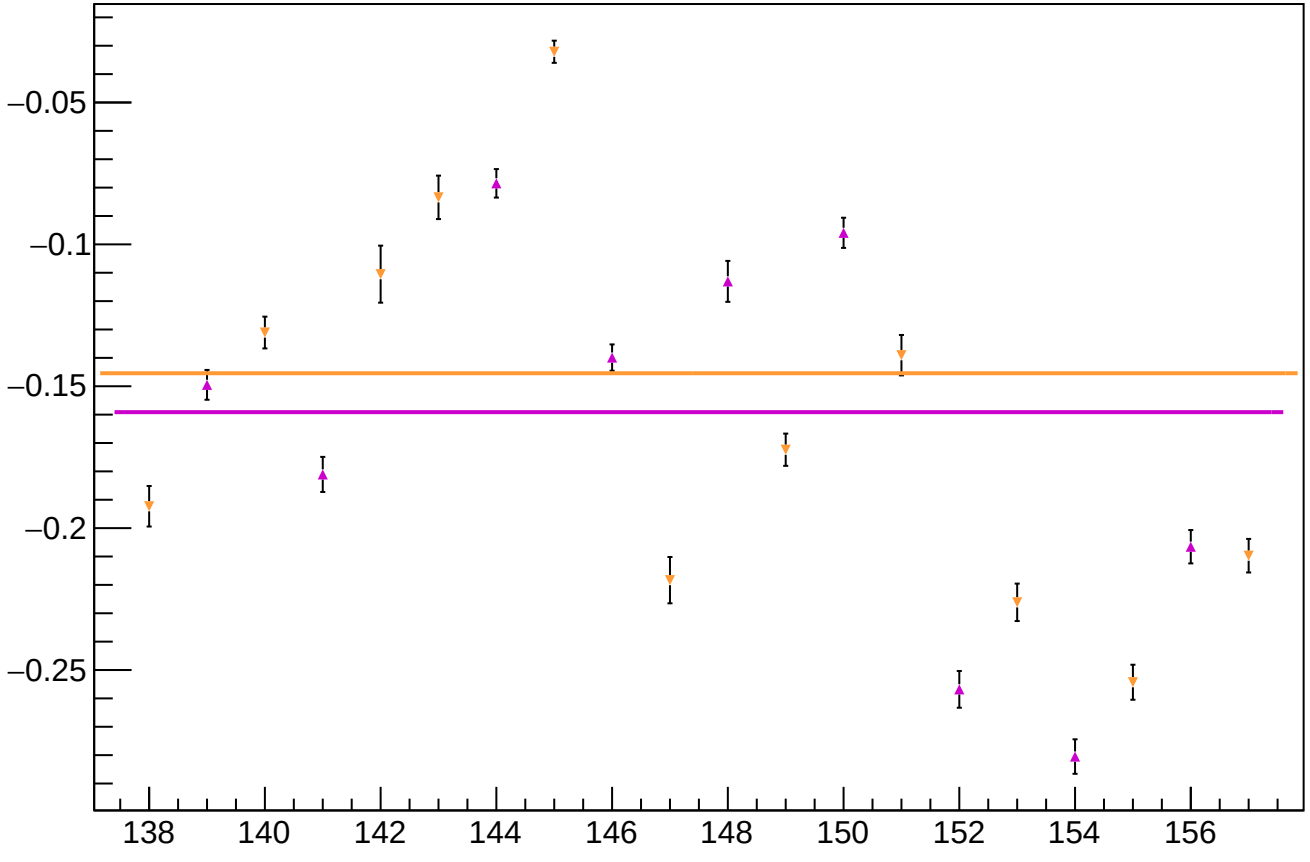
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 18.454+/-0.040 χ^2/NDF:13878.8/8

Out: 20.479+/-0.040 χ^2/NDF:12724.7/10

All: 19.466+/-0.028 χ^2/NDF: 27905.0/19

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: -0.145+/-0.002 χ^2/NDF:1650.7/10

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

Left In: -0.159+/-0.002 χ^2/NDF:1164.7/8

Left: -0.152+/-0.001 χ^2/NDF: 2842.2/19

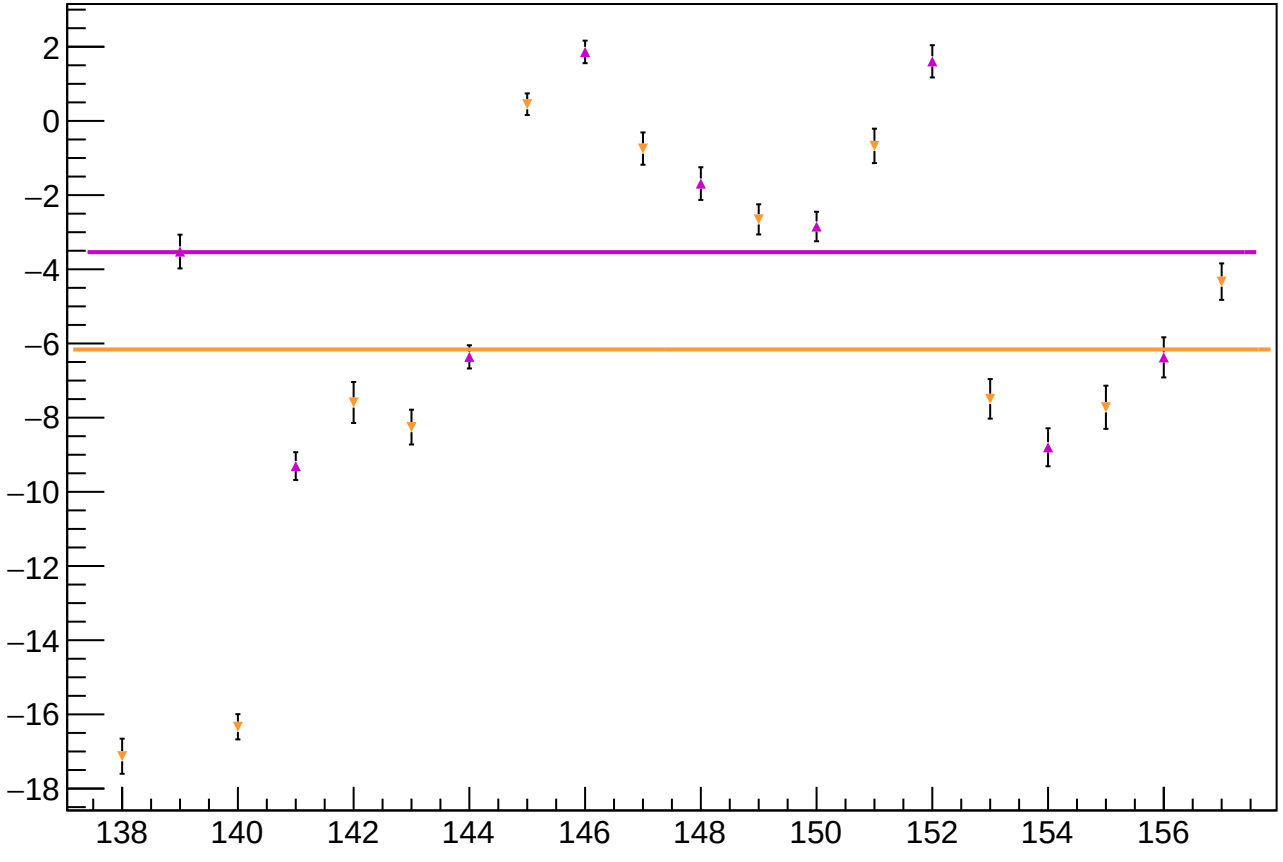
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.159+/-0.002 χ^2/NDF:1164.7/8

Out: -0.145+/-0.002 χ^2/NDF:1650.7/10

All: -0.152+/-0.001 χ^2/NDF: 2842.2/19

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: -6.161+/-0.130 χ^2/NDF:2366.9/10

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

Left In: -3.538+/-0.132 χ^2/NDF:929.1/8

Left: -4.874+/-0.093 χ^2/NDF: 3496.1/19

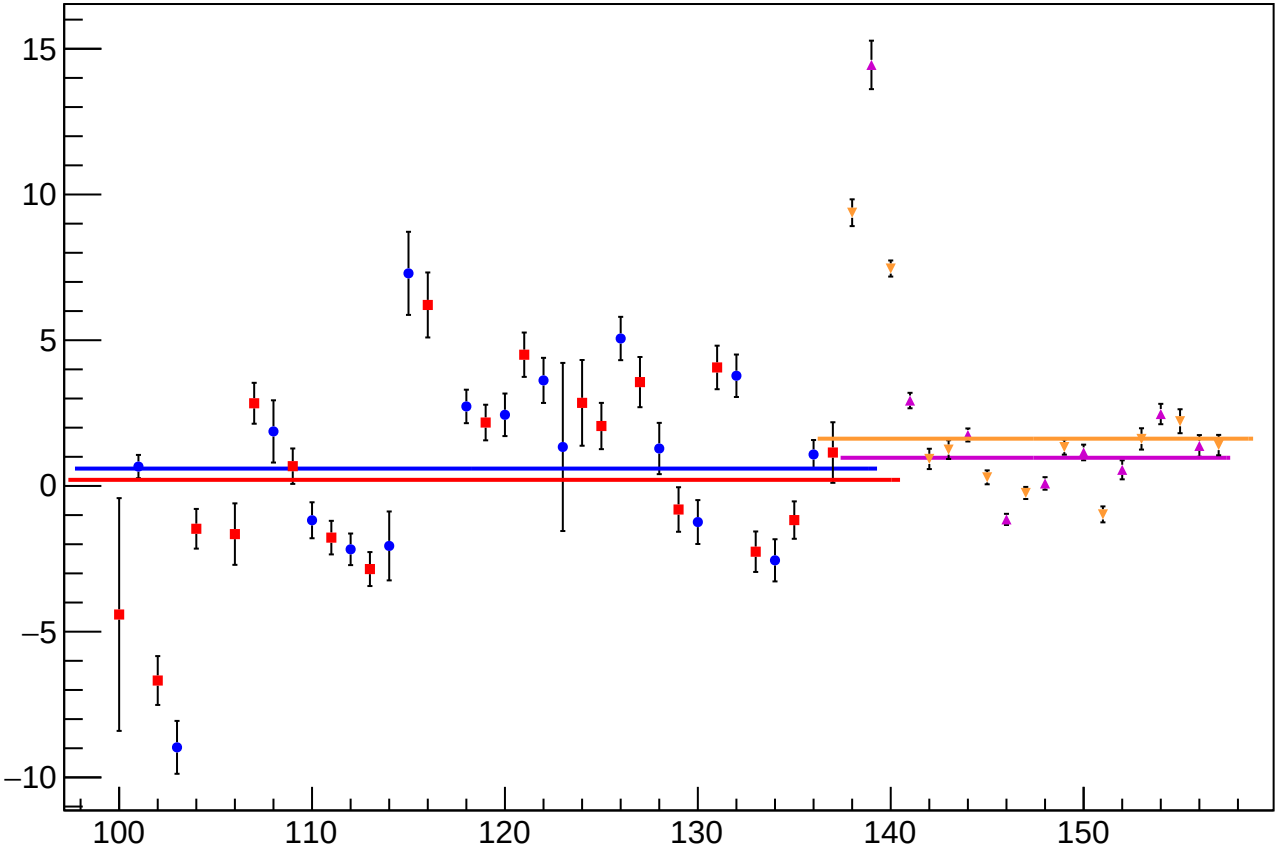
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.538+/-0.132 χ^2/NDF:929.1/8

Out: -6.161+/-0.130 χ^2/NDF:2366.9/10

All: -4.874+/-0.093 χ^2/NDF: 3496.1/19

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: 1.622+/-0.089 χ^2/NDF:942.1/10

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 0.967+/-0.090 χ^2/NDF:490.9/8

Left: 1.298+/-0.063 χ^2/NDF: 1459.8/19

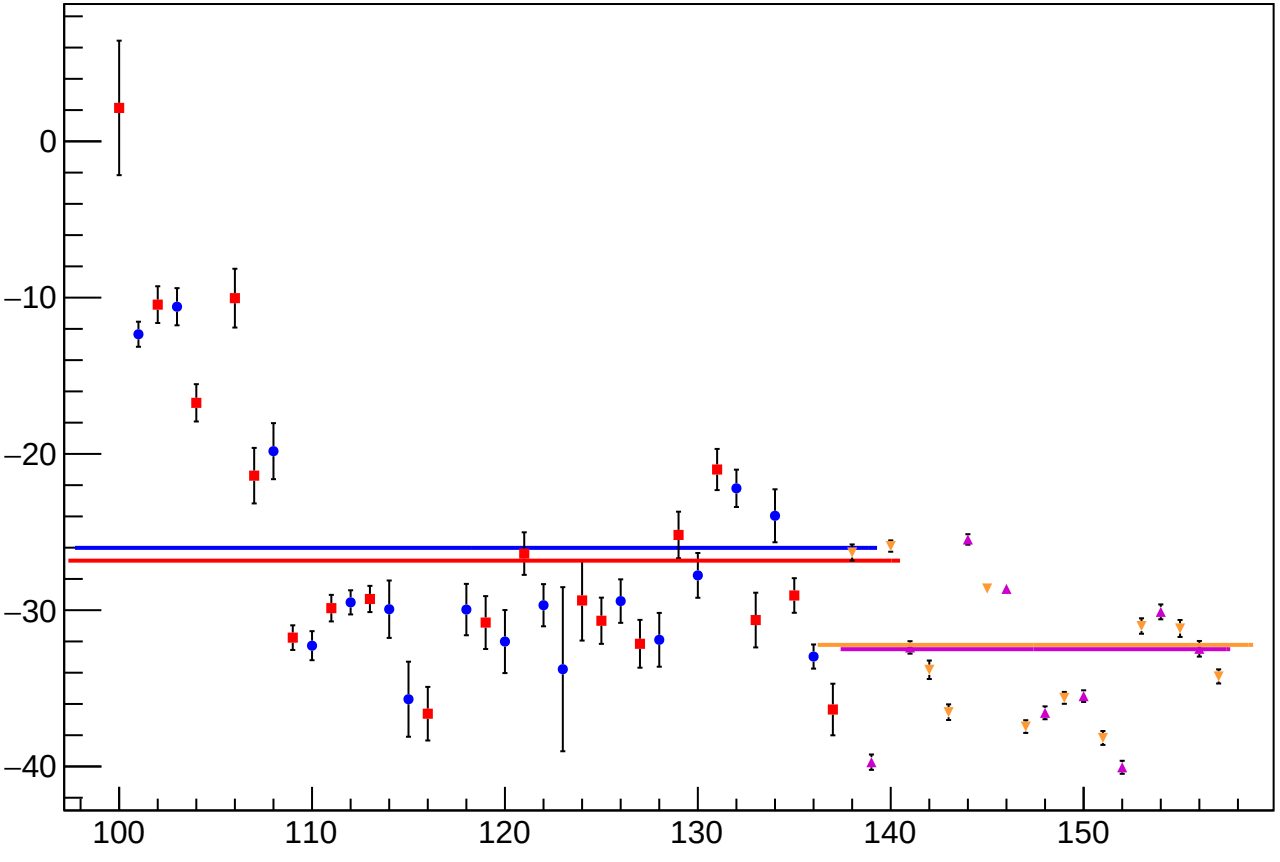
Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 0.885+/-0.079 χ^2/NDF:785.8/25

Out: 1.331+/-0.079 χ^2/NDF:1267.6/29

All: 1.108+/-0.056 χ^2/NDF: 2069.2/55

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: -32.219+/-0.130 χ^2/NDF:1109.5/10

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -32.495+/-0.131 χ^2/NDF:1347.2/8

Left: -32.356+/-0.092 χ^2/NDF: 2458.9/19

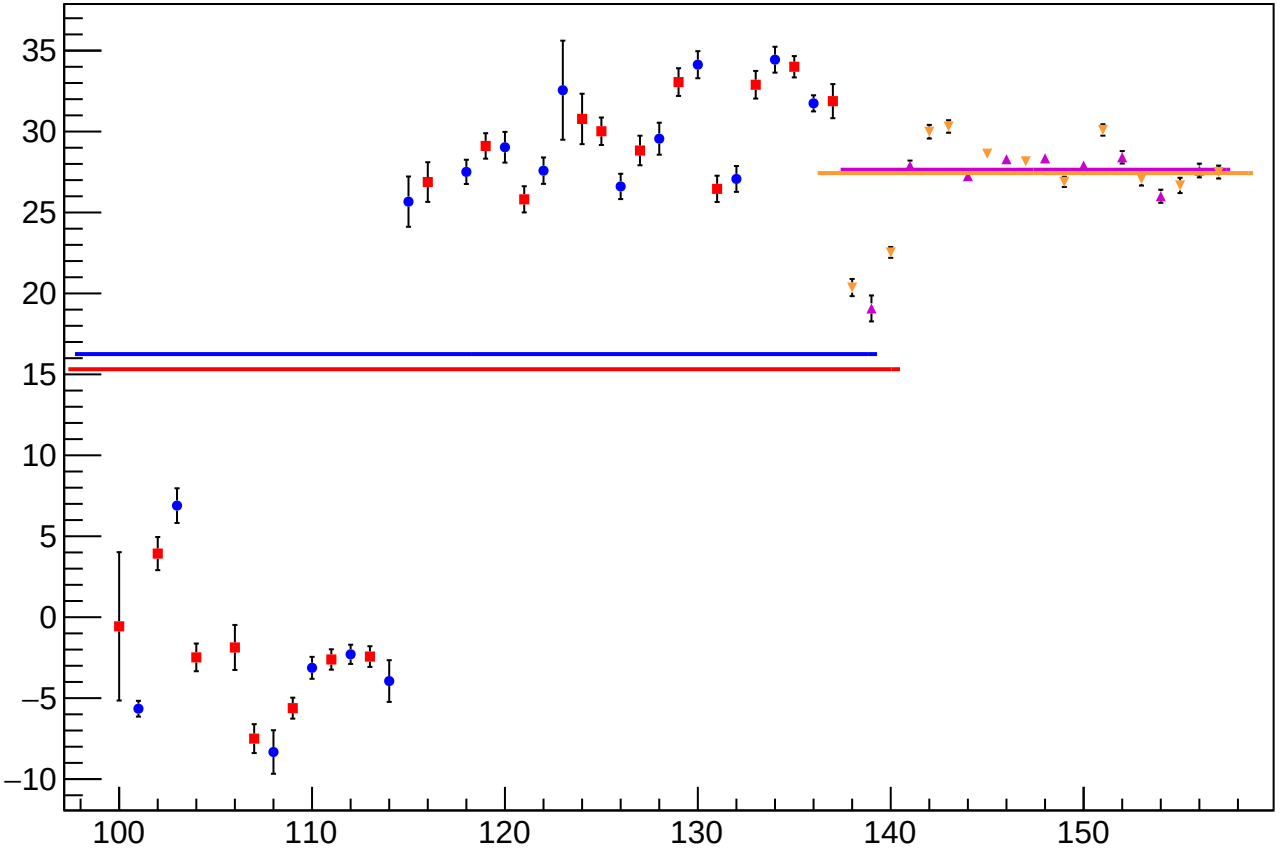
Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -31.456+/-0.120 χ^2/NDF:2433.3/25

Out: -31.355+/-0.119 χ^2/NDF:1966.7/29

All: -31.405+/-0.085 χ^2/NDF: 4400.4/55

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: 27.436+/-0.108 χ^2/NDF:574.0/10

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 27.643+/-0.110 χ^2/NDF:151.0/8

Left: 27.538+/-0.077 χ^2/NDF: 726.8/19

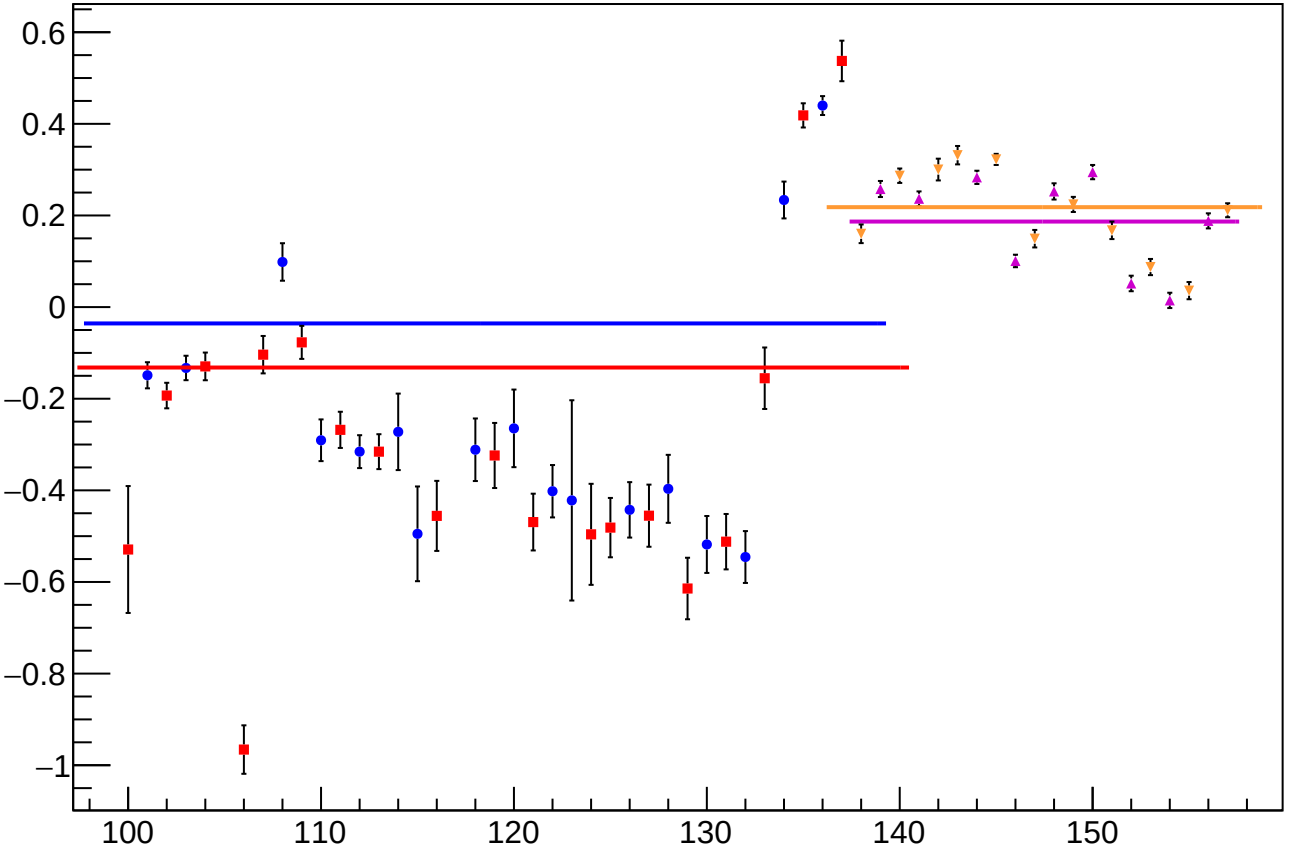
Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 24.815+/-0.095 χ^2/NDF:10434.6/25

Out: 24.616+/-0.095 χ^2/NDF:10757.7/29

All: 24.715+/-0.067 χ^2/NDF: 21194.4/55

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: 0.218+/-0.005 χ^2/NDF:314.0/10

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.187+/-0.005 χ^2/NDF:341.2/8

Left: 0.203+/-0.004 χ^2/NDF: 673.1/19

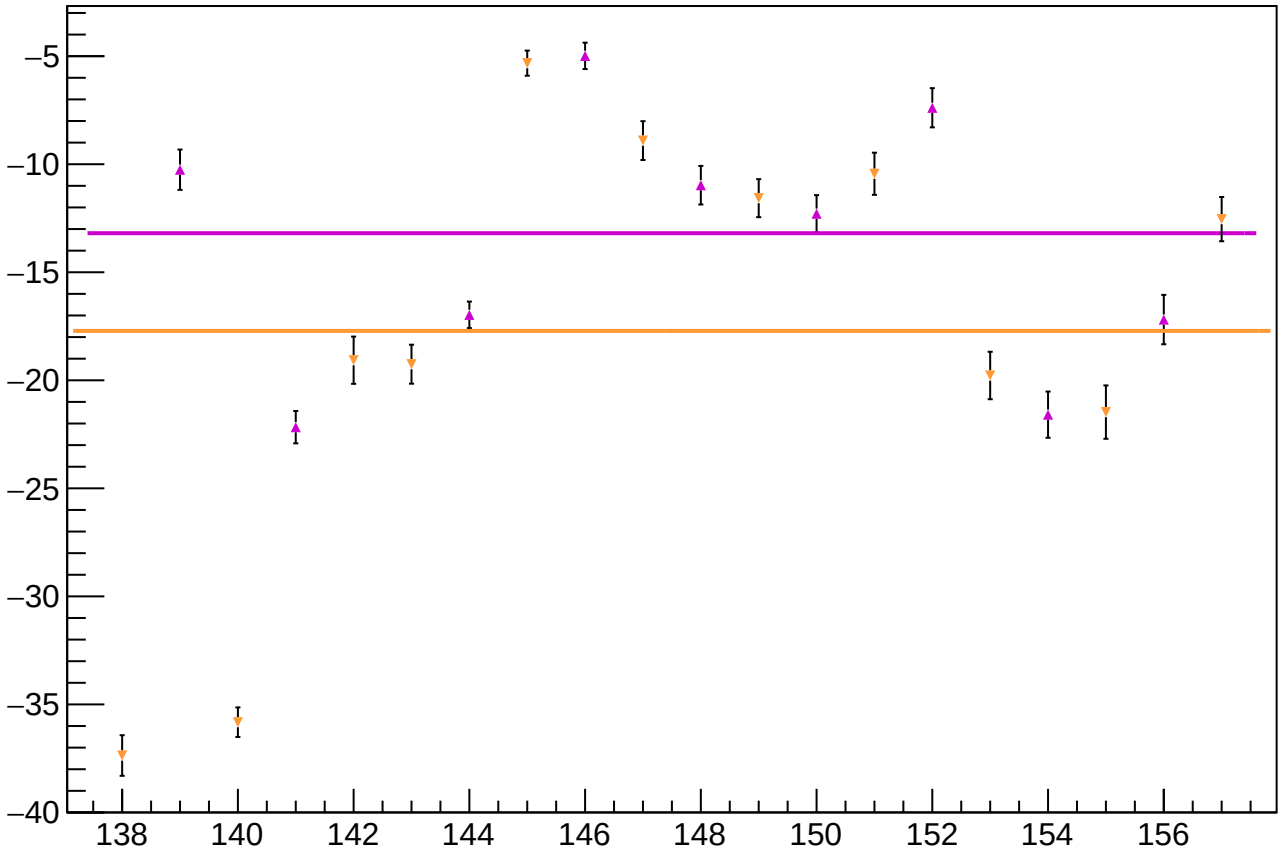
Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.140+/-0.005 χ^2/NDF:1722.9/25

Out: 0.148+/-0.005 χ^2/NDF:2397.2/29

All: 0.144+/-0.003 χ^2/NDF: 4121.4/55

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: -17.714+/-0.264 χ^2/NDF:1834.3/10

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

Left In: -13.193+/-0.270 χ^2/NDF:494.4/8

Left: -15.500+/-0.189 χ^2/NDF: 2472.0/19

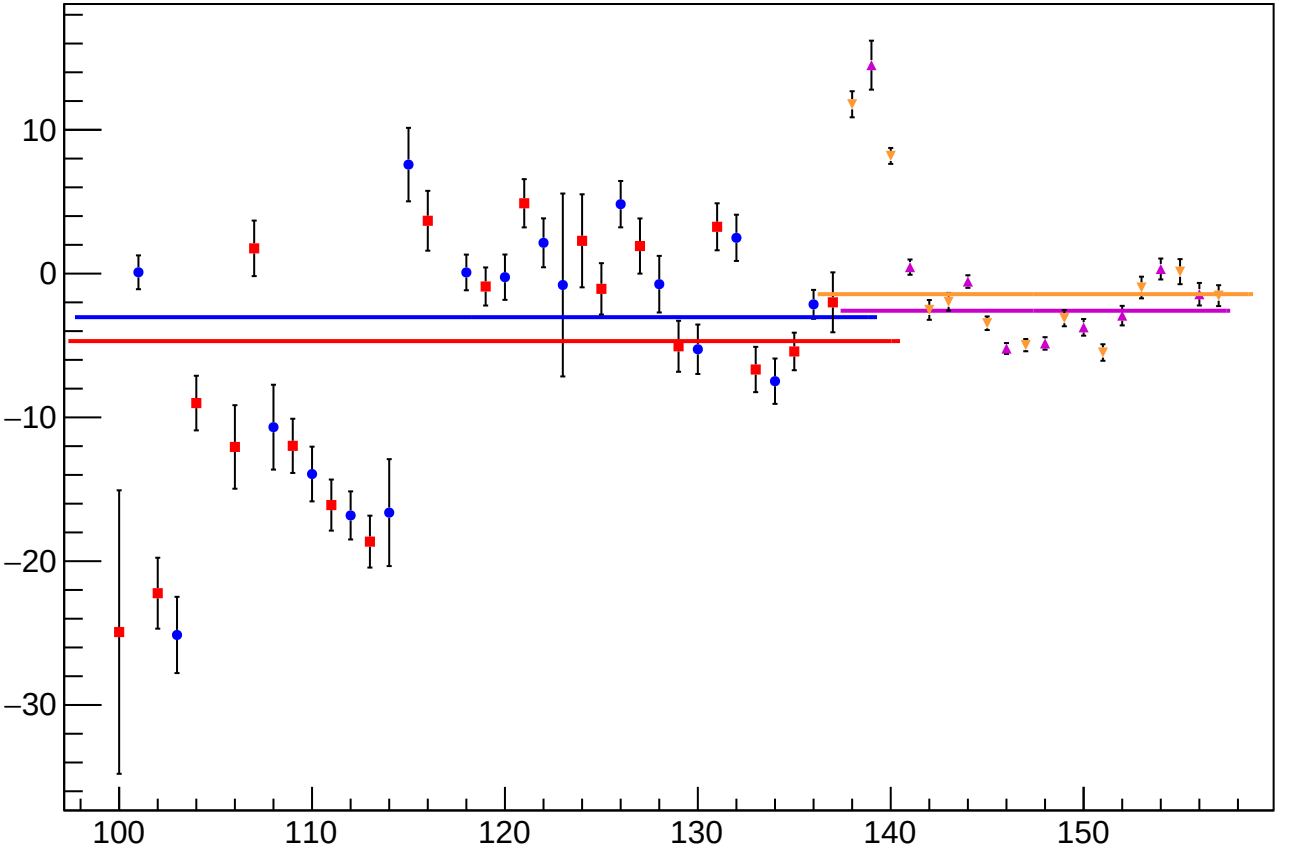
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -13.193+/-0.270 χ^2/NDF:494.4/8

Out: -17.714+/-0.264 χ^2/NDF:1834.3/10

All: -15.500+/-0.189 χ^2/NDF: 2472.0/19

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: -1.429+/-0.182 χ^2/NDF:665.3/10

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: -2.583+/-0.182 χ^2/NDF:252.9/8

Left: -2.003+/-0.129 χ^2/NDF: 938.3/19

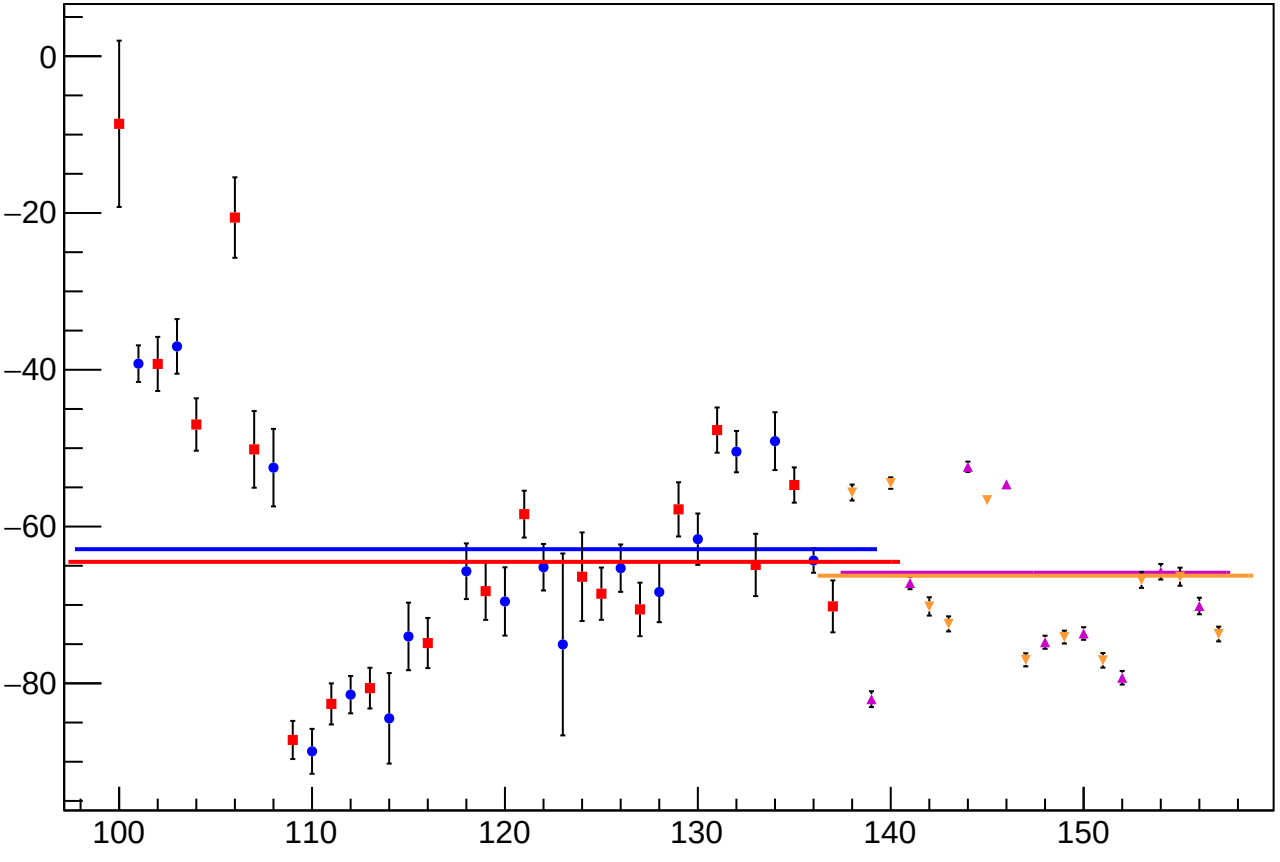
Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: -2.657+/-0.166 χ^2/NDF:534.7/25

Out: -1.929+/-0.167 χ^2/NDF:1013.2/29

All: -2.295+/-0.118 χ^2/NDF: 1557.4/55

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: -66.266+/-0.266 χ^2/NDF:1117.4/10

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -65.892+/-0.267 χ^2/NDF:1509.1/8

Left: -66.080+/-0.188 χ^2/NDF: 2627.5/19

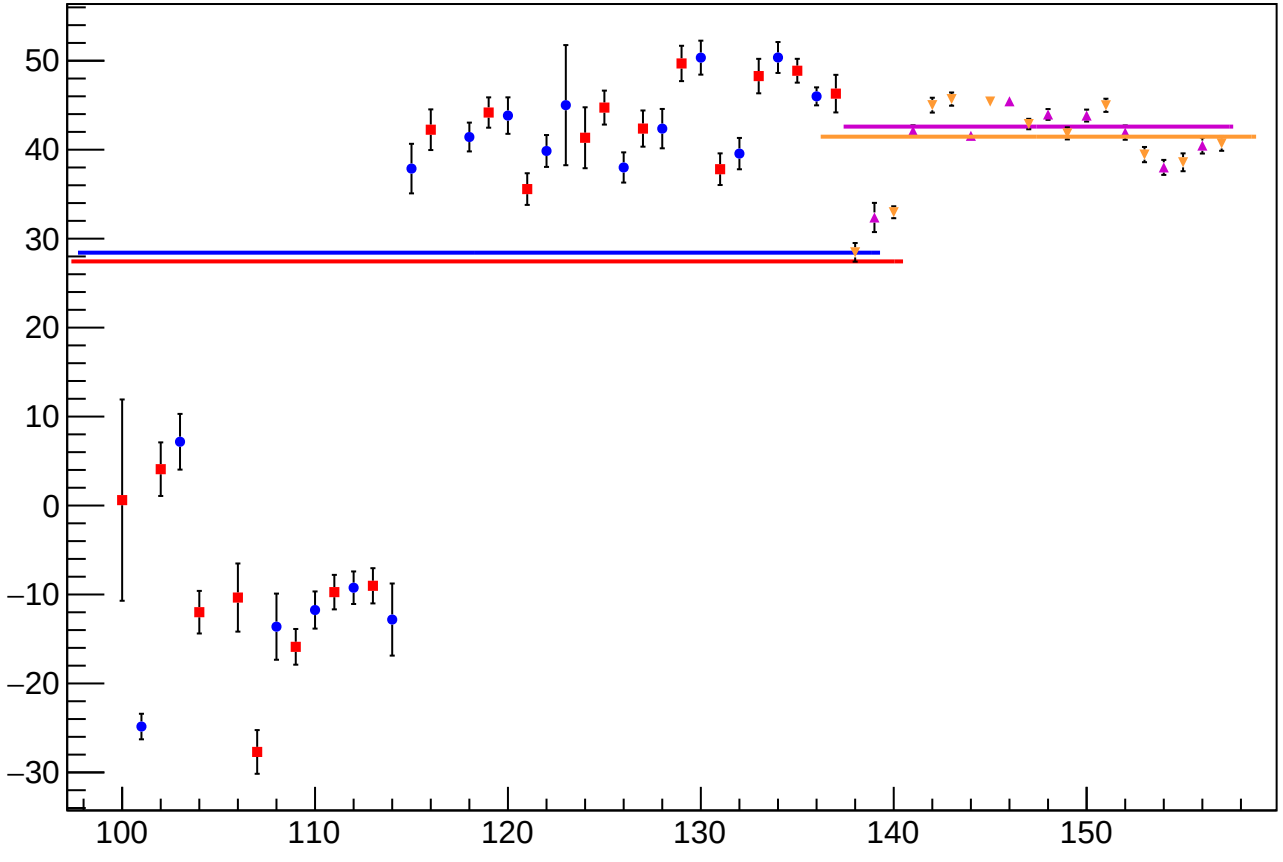
Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -65.543+/-0.251 χ^2/NDF:1892.5/25

Out: -66.070+/-0.250 χ^2/NDF:1566.4/29

All: -65.808+/-0.177 χ^2/NDF: 3461.1/55

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: 41.463+/-0.221 χ^2/NDF:460.0/10

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 42.595+/-0.223 χ^2/NDF:123.5/8

Left: 42.024+/-0.157 χ^2/NDF: 596.5/19

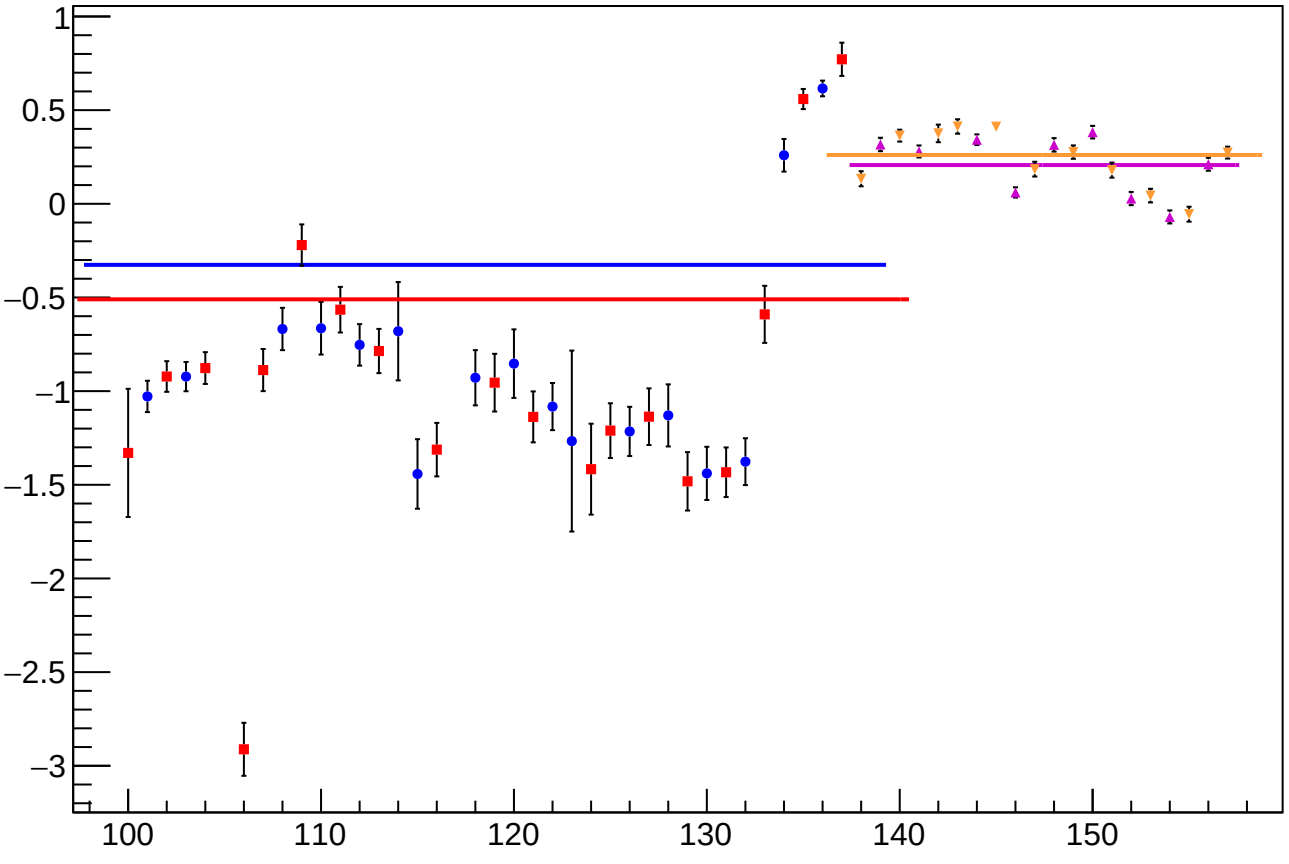
Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 39.866+/-0.201 χ^2/NDF:4229.8/25

Out: 38.994+/-0.201 χ^2/NDF:4200.1/29

All: 39.431+/-0.142 χ^2/NDF: 8439.4/55

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: 0.261+/-0.011 χ^2/NDF:187.1/10

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.207+/-0.011 χ^2/NDF:190.2/8

Left: 0.234+/-0.008 χ^2/NDF: 389.7/19

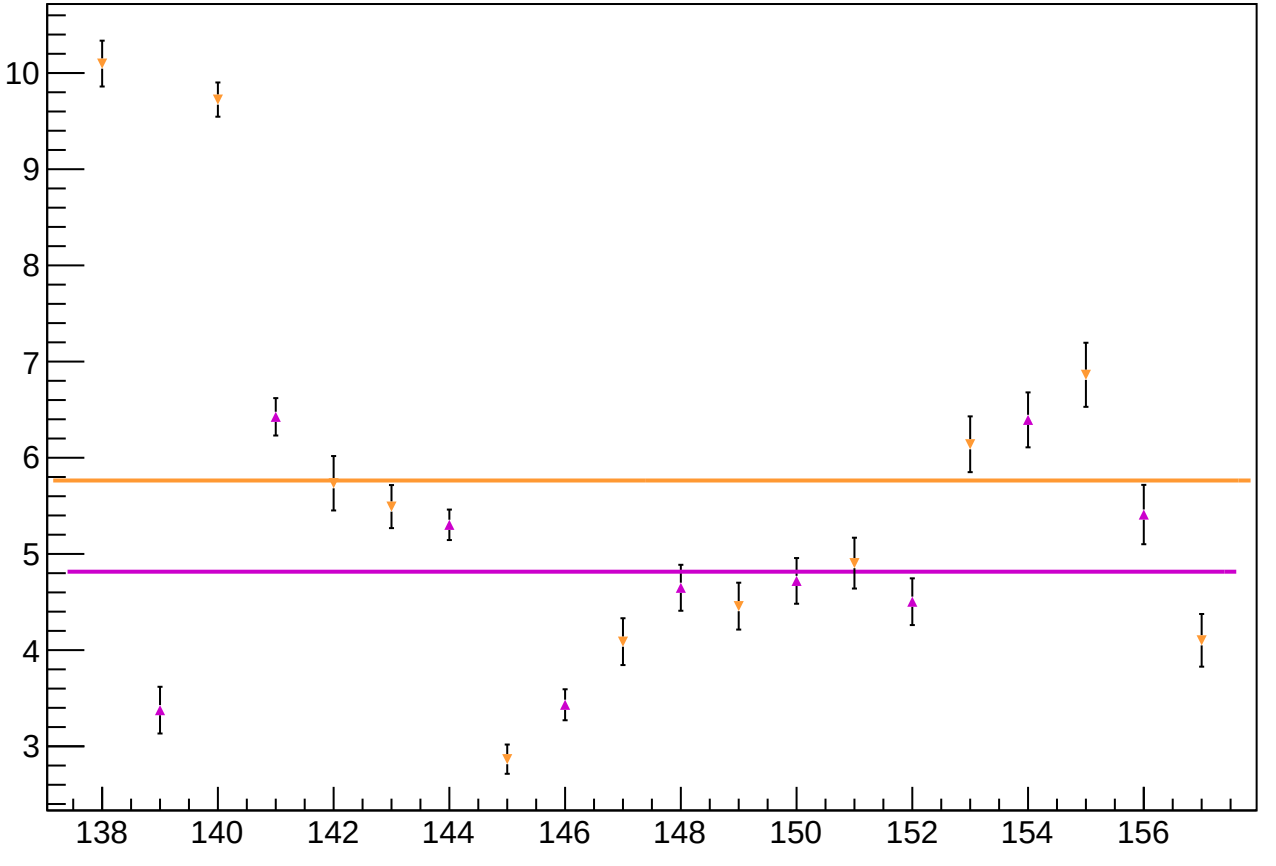
Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.121+/-0.010 χ^2/NDF:1587.3/25

Out: 0.148+/-0.010 χ^2/NDF:2124.1/29

All: 0.135+/-0.007 χ^2/NDF: 3715.0/55

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: 5.764+/-0.069 χ^2/NDF:1325.8/10

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

Left In: 4.815+/-0.071 χ^2/NDF:223.5/8

Left: 5.302+/-0.050 χ^2/NDF: 1640.0/19

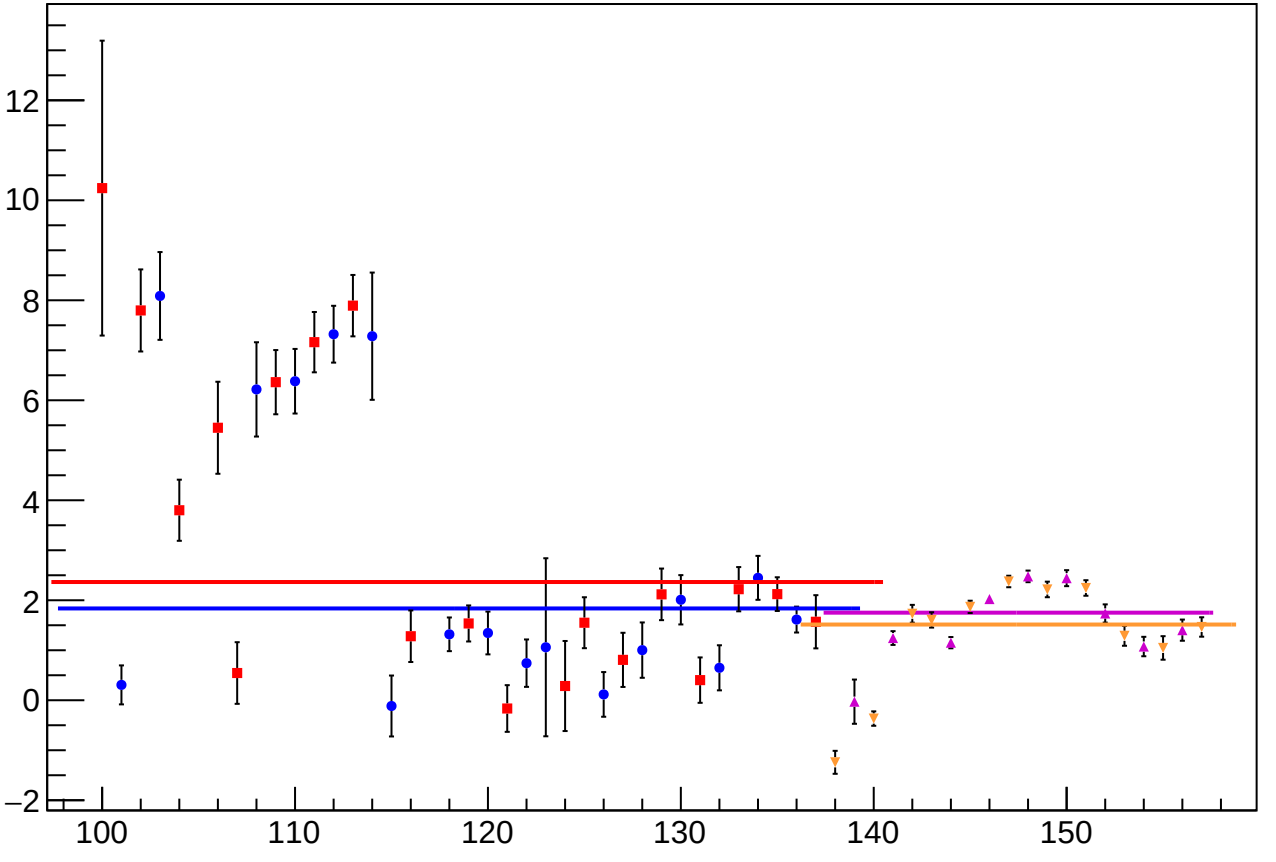
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.815+/-0.071 χ^2/NDF:223.5/8

Out: 5.764+/-0.069 χ^2/NDF:1325.8/10

All: 5.302+/-0.050 χ^2/NDF: 1640.0/19

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: 1.514+/-0.048 χ^2/NDF:427.8/10

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 1.752+/-0.048 χ^2/NDF:138.4/8

Left: 1.633+/-0.034 χ^2/NDF: 578.4/19

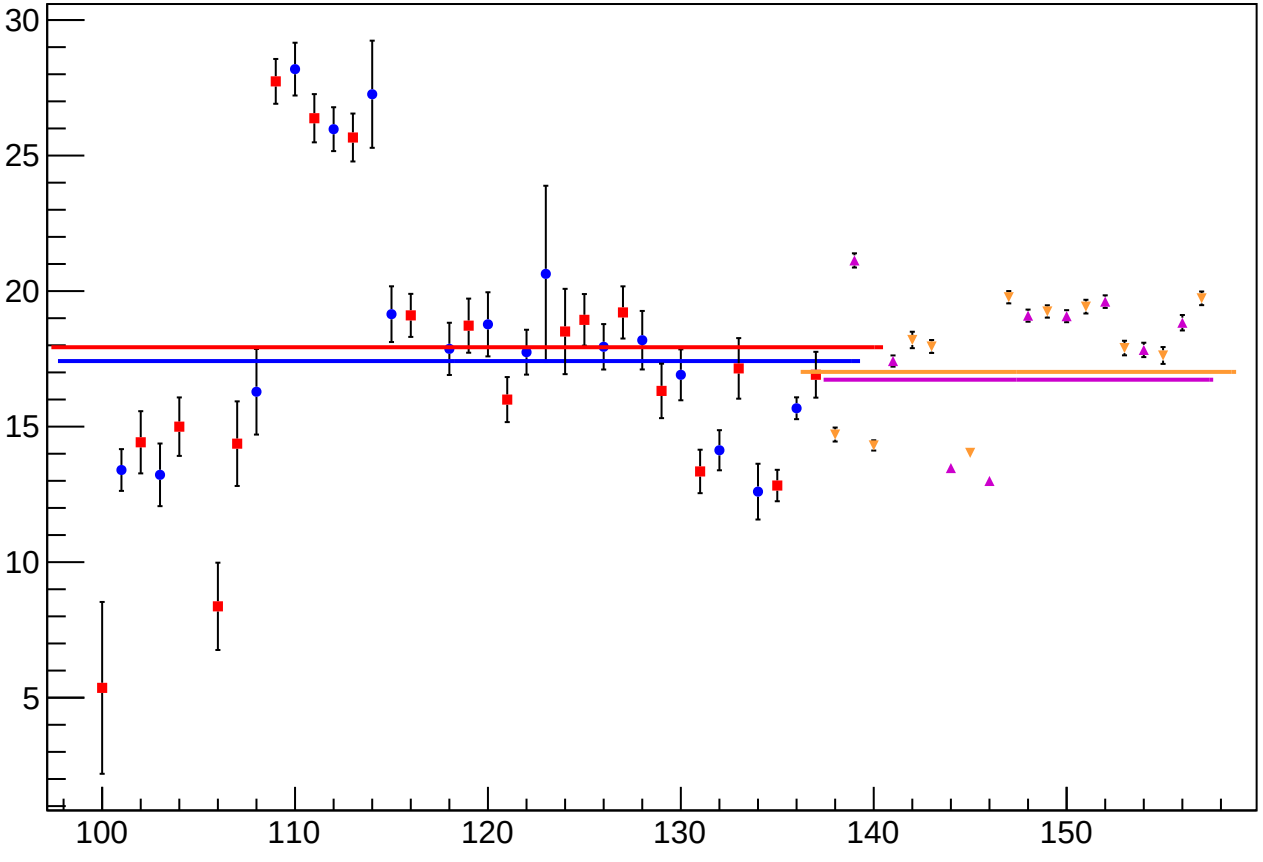
Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 1.764+/-0.044 χ^2/NDF:433.7/25

Out: 1.627+/-0.045 χ^2/NDF:805.9/29

All: 1.696+/-0.031 χ^2/NDF: 1244.3/55

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: 17.019+/-0.070 χ^2/NDF:1120.4/10

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 16.731+/-0.071 χ^2/NDF:1692.0/8

Left: 16.876+/-0.050 χ^2/NDF: 2820.7/19

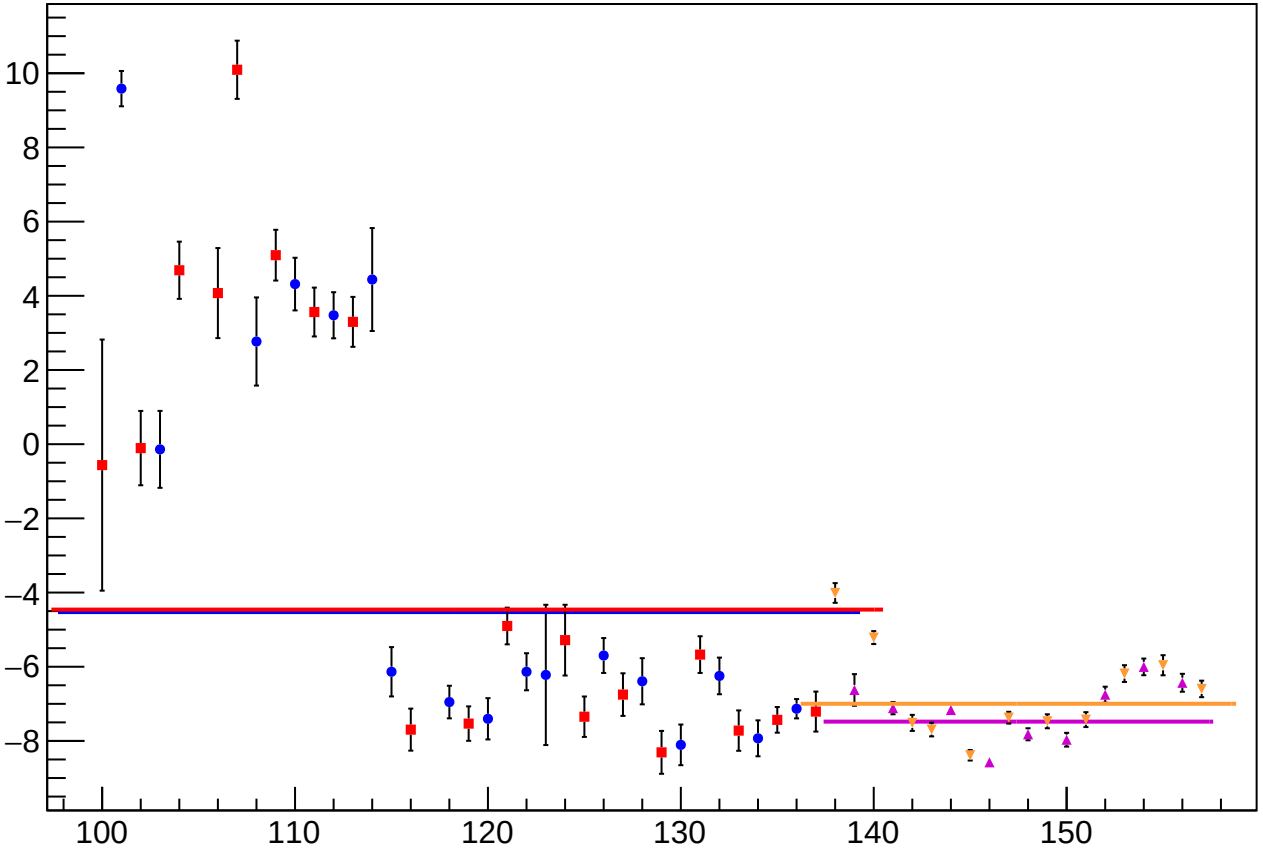
Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 16.800+/-0.067 χ^2/NDF:2068.3/25

Out: 17.103+/-0.067 χ^2/NDF:1642.4/29

All: 16.953+/-0.047 χ^2/NDF: 3721.0/55

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: -6.998+/-0.058 χ^2/NDF:393.8/10

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -7.480+/-0.059 χ^2/NDF:176.9/8

Left: -7.237+/-0.041 χ^2/NDF: 604.4/19

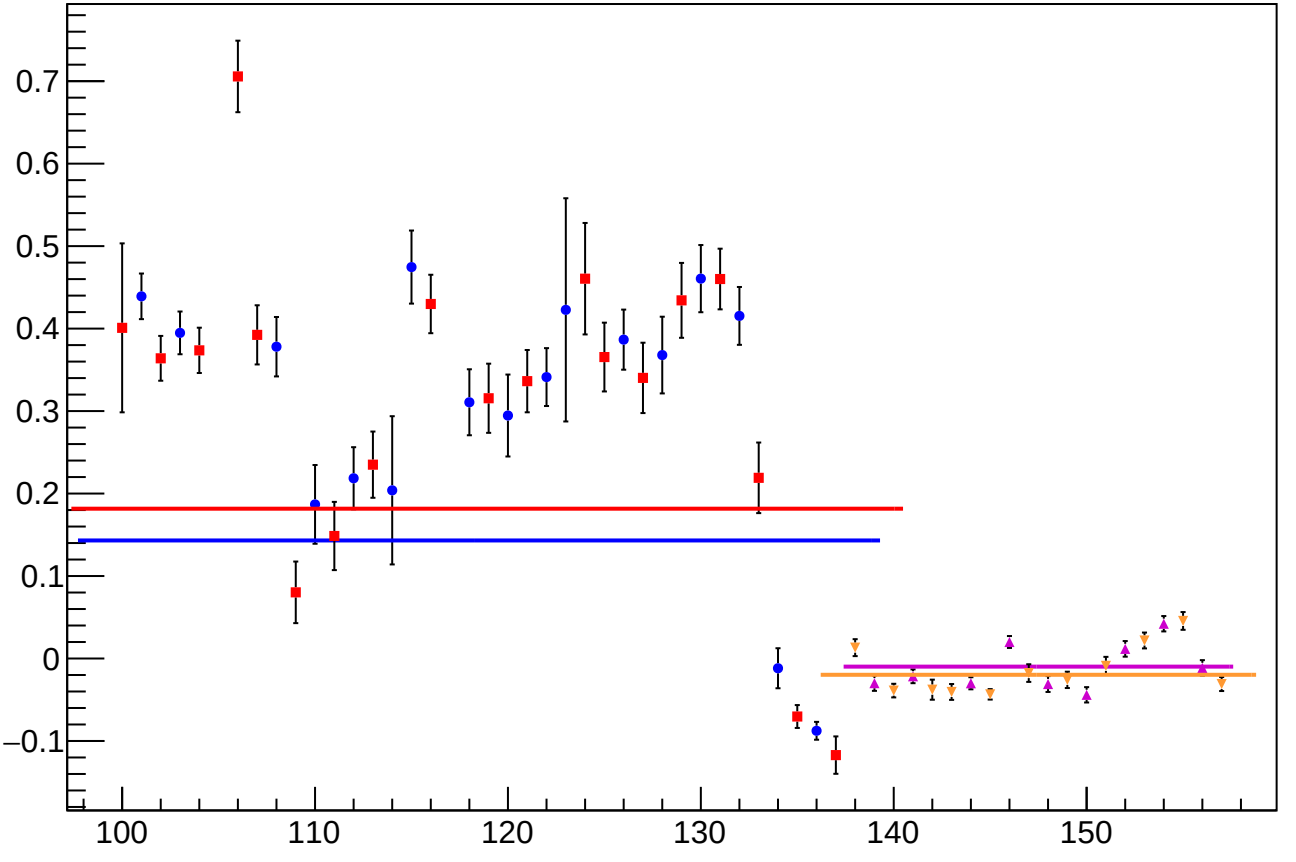
Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -6.973+/-0.054 χ^2/NDF:2198.0/25

Out: -6.608+/-0.054 χ^2/NDF:2023.4/29

All: -6.790+/-0.038 χ^2/NDF: 4244.6/55

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: -0.020+/-0.003 χ^2/NDF:95.2/10

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.010+/-0.003 χ^2/NDF:85.9/8

Left: -0.015+/-0.002 χ^2/NDF: 187.1/19

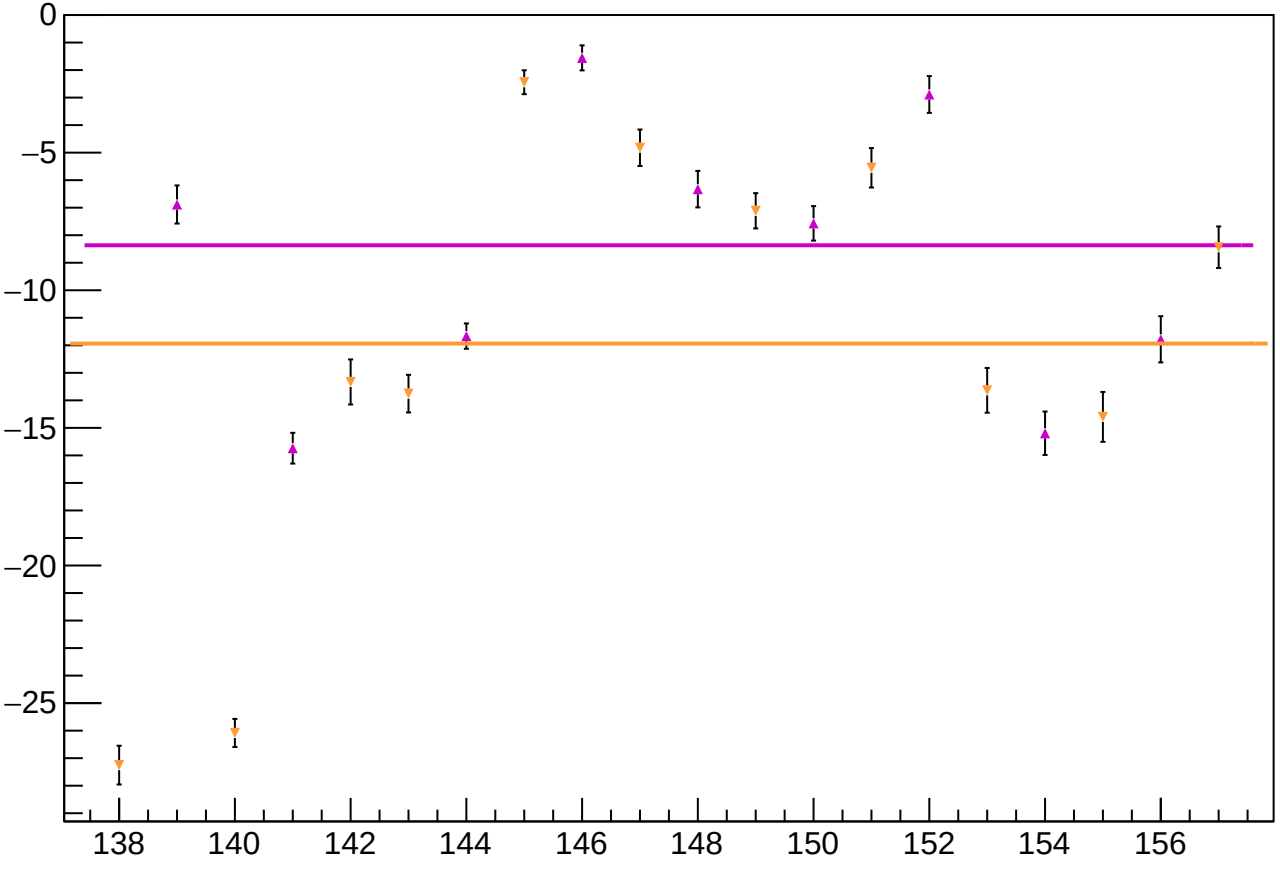
Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.012+/-0.003 χ^2/NDF:1549.4/25

Out: 0.006+/-0.003 χ^2/NDF:1752.7/29

All: 0.009+/-0.002 χ^2/NDF: 3305.1/55

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: -11.937+/-0.196 χ^2/NDF:2014.4/10

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

Left In: -8.366+/-0.200 χ^2/NDF:624.2/8

Left: -10.187+/-0.140 χ^2/NDF: 2800.7/19

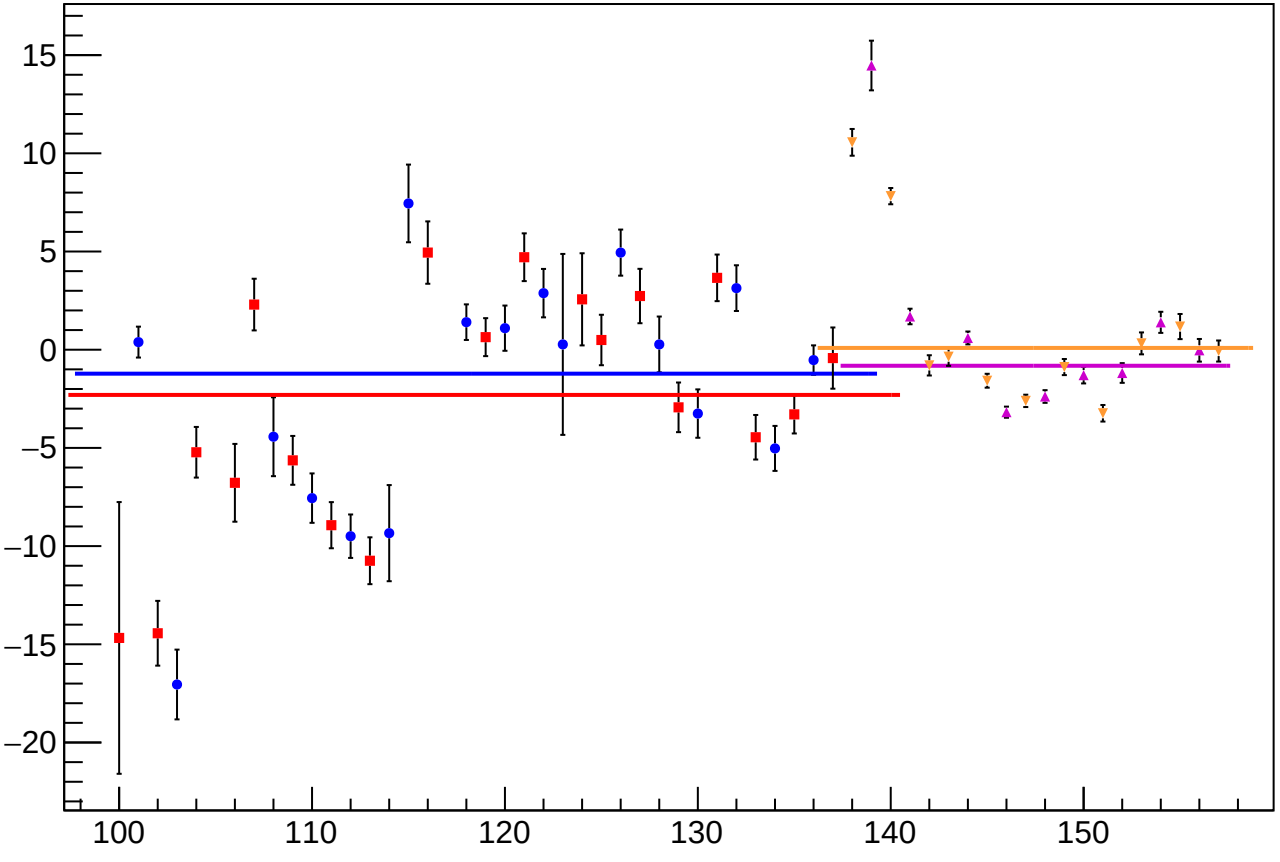
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.366+/-0.200 χ^2/NDF:624.2/8

Out: -11.937+/-0.196 χ^2/NDF:2014.4/10

All: -10.187+/-0.140 χ^2/NDF: 2800.7/19

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: 0.091+/-0.135 χ^2/NDF:755.2/10

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: -0.817+/-0.136 χ^2/NDF:318.8/8

Left: -0.360+/-0.096 χ^2/NDF: 1096.6/19

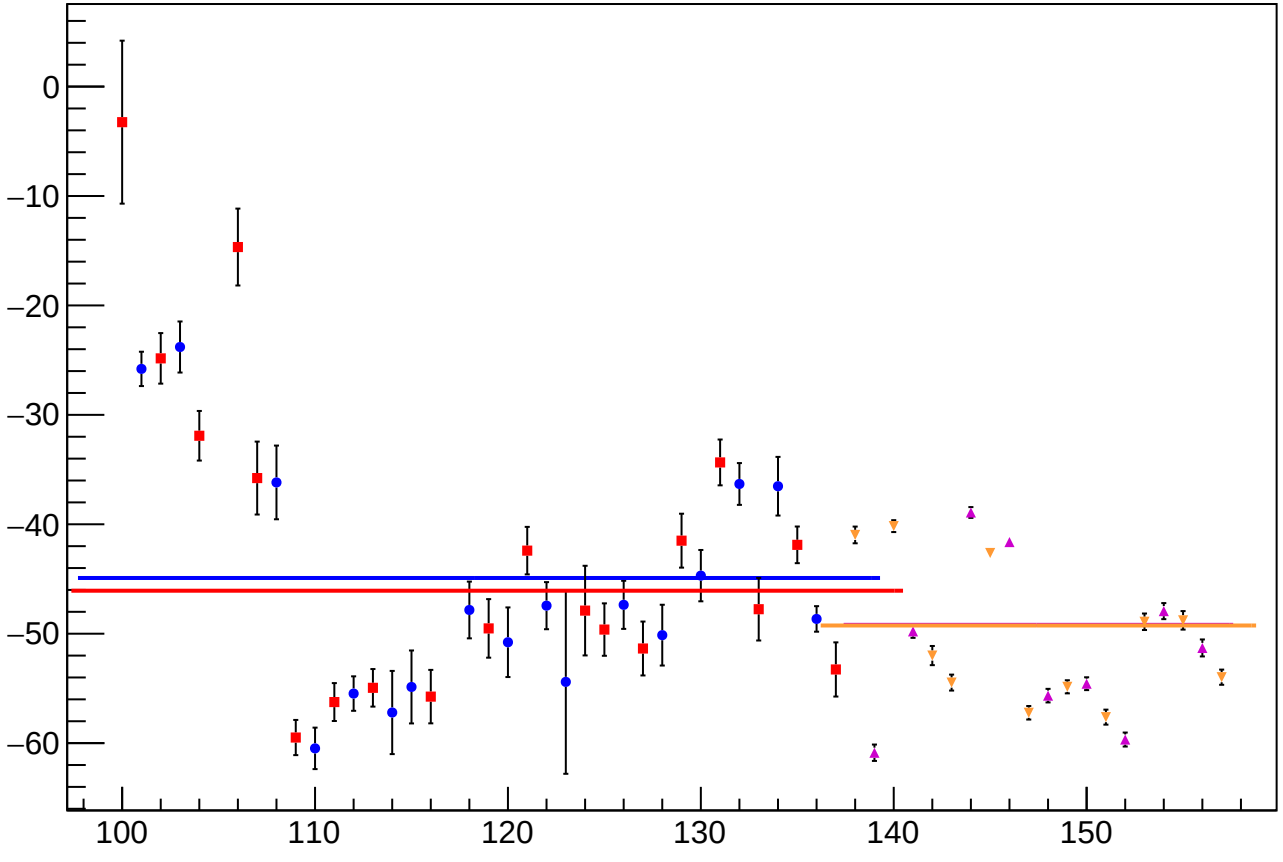
Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: -0.890+/-0.123 χ^2/NDF:599.0/25

Out: -0.305+/-0.123 χ^2/NDF:1093.7/29

All: -0.598+/-0.087 χ^2/NDF: 1704.0/55

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: -49.250+/-0.197 χ^2/NDF:1114.4/10

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -49.190+/-0.198 χ^2/NDF:1448.9/8

Left: -49.220+/-0.140 χ^2/NDF: 2563.3/19

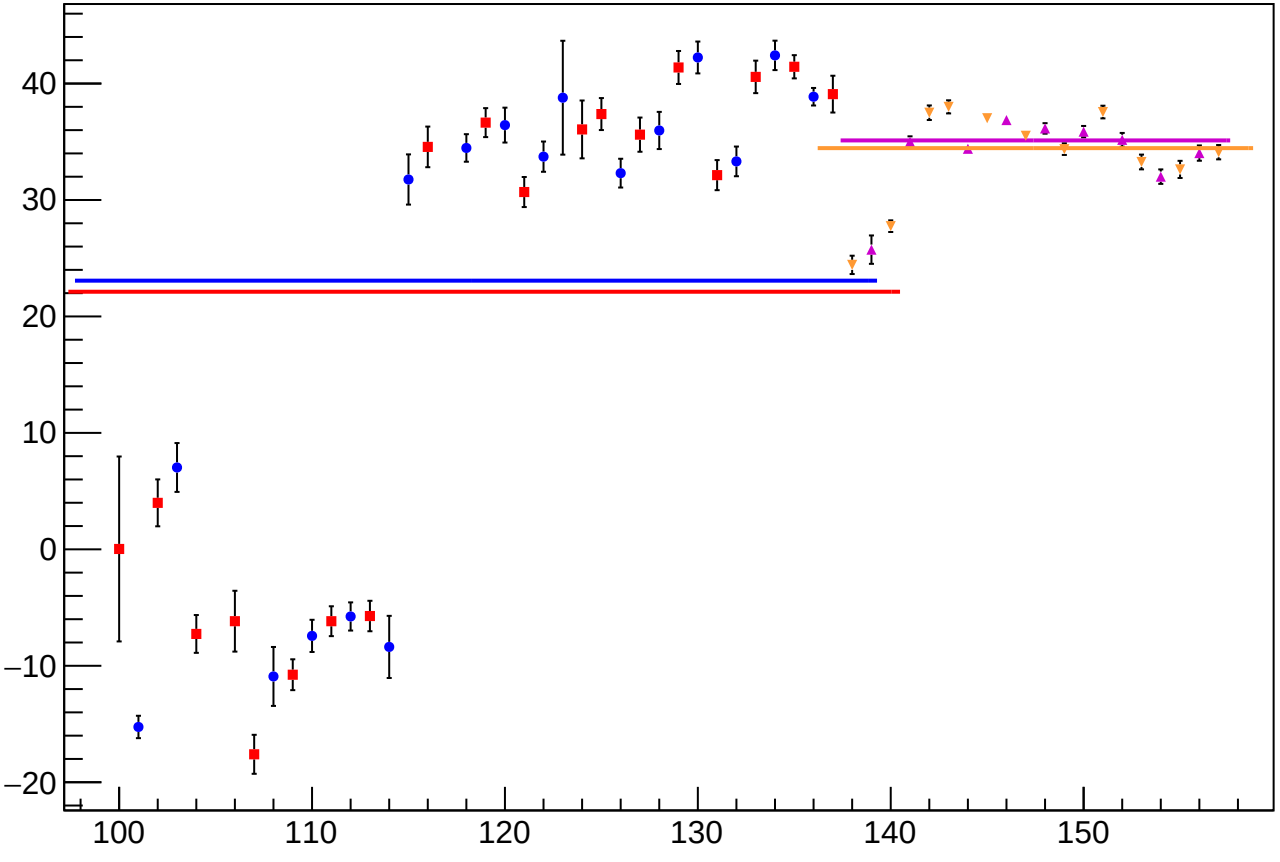
Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -48.651+/-0.185 χ^2/NDF:1928.7/25

Out: -48.861+/-0.185 χ^2/NDF:1600.2/29

All: -48.757+/-0.131 χ^2/NDF: 3529.6/55

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: 34.454+/-0.164 χ^2/NDF:492.7/10

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 35.117+/-0.166 χ^2/NDF:122.2/8

Left: 34.782+/-0.117 χ^2/NDF: 622.9/19

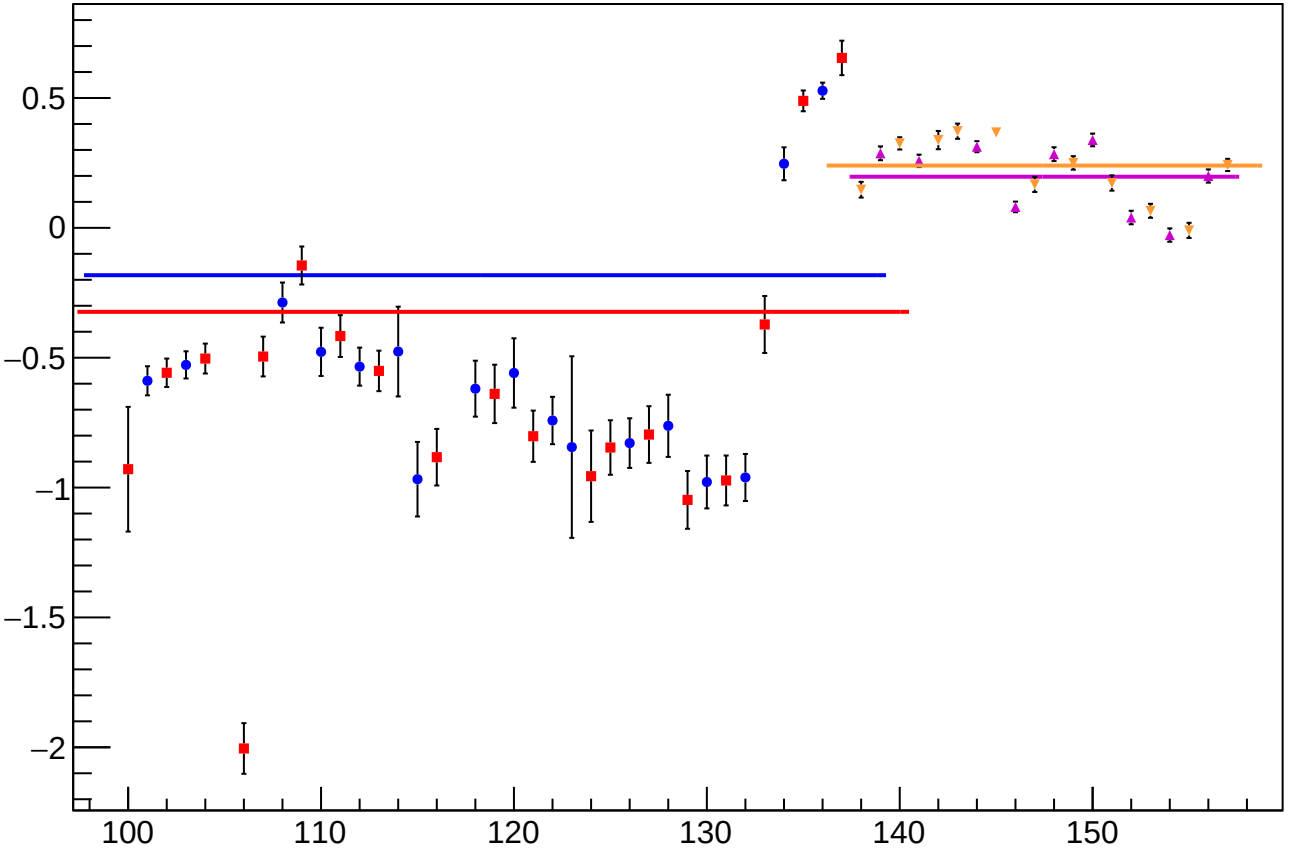
Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 32.643+/-0.148 χ^2/NDF:5552.6/25

Out: 32.120+/-0.148 χ^2/NDF:5594.4/29

All: 32.381+/-0.105 χ^2/NDF: 11153.2/55

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: 0.240+/-0.008 χ^2/NDF:226.6/10

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.197+/-0.008 χ^2/NDF:236.1/8

Left: 0.219+/-0.006 χ^2/NDF: 477.1/19

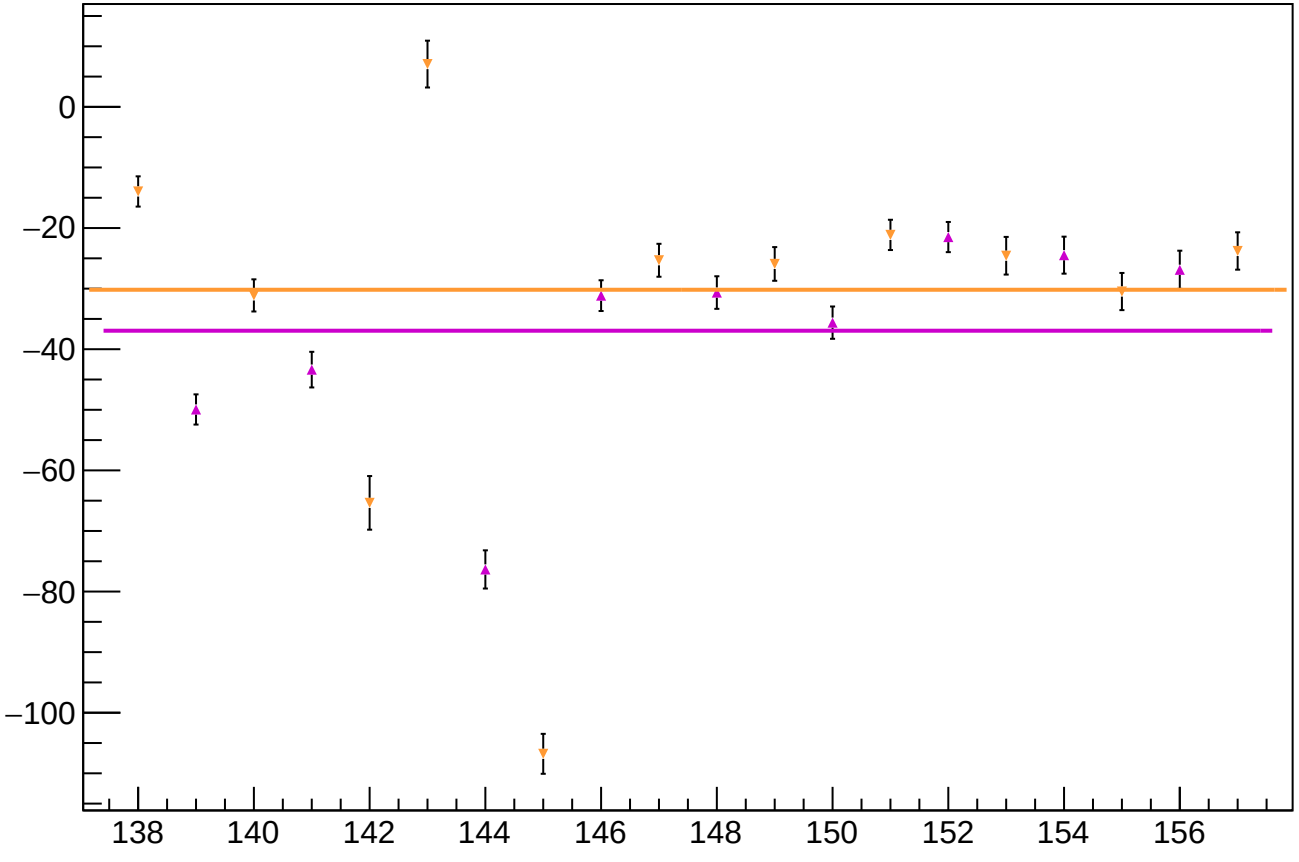
Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.132+/-0.007 χ^2/NDF:1612.9/25

Out: 0.151+/-0.007 χ^2/NDF:2220.1/29

All: 0.141+/-0.005 χ^2/NDF: 3836.3/55

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -30.186+/-0.894 χ^2/NDF:764.6/10

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

Left In: -36.947+/-0.920 χ^2/NDF:264.5/8

Left: -33.466+/-0.641 χ^2/NDF: 1056.8/19

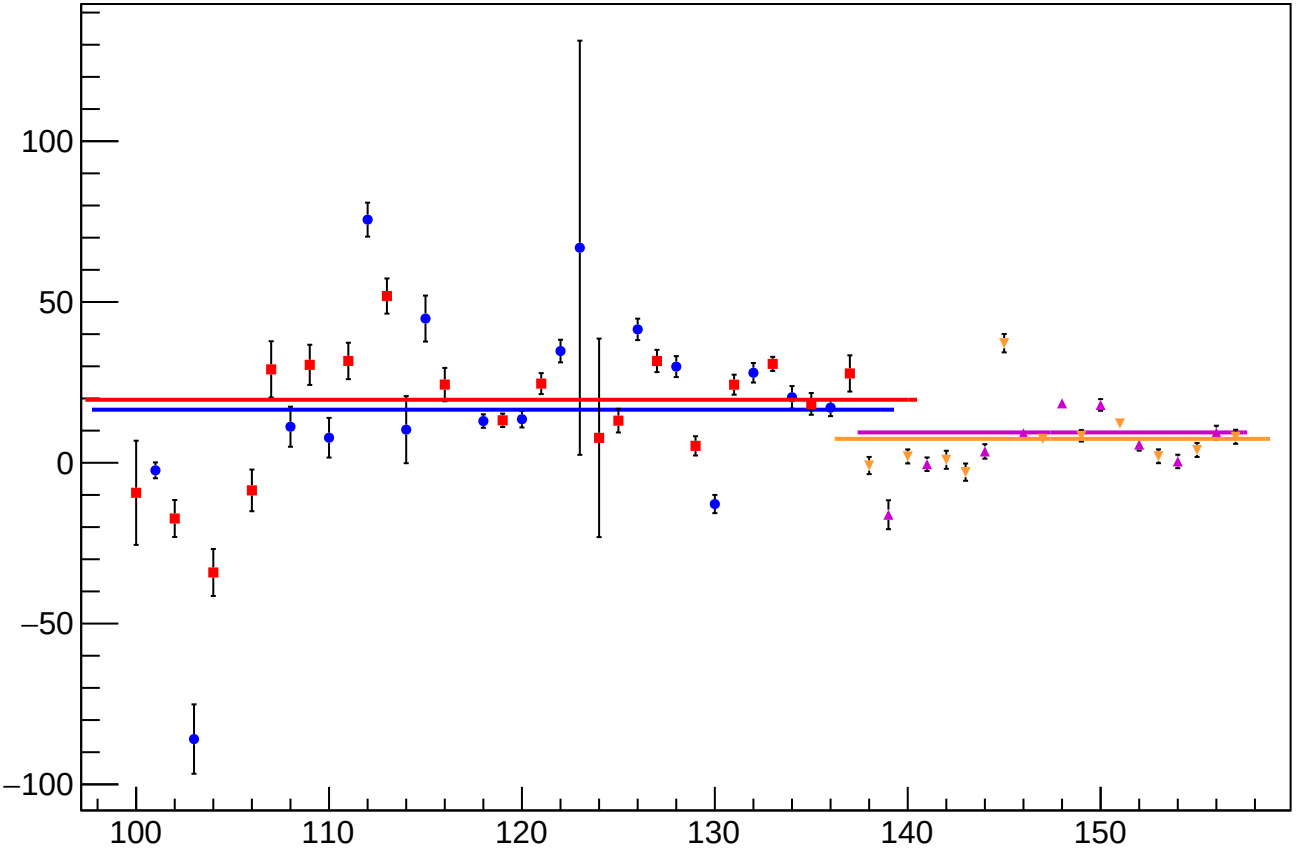
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.947+/-0.920 χ^2/NDF:264.5/8

Out: -30.186+/-0.894 χ^2/NDF:764.6/10

All: -33.466+/-0.641 χ^2/NDF: 1056.8/19

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 7.446+/-0.599 χ^2/NDF:165.1/10

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 9.439+/-0.627 χ^2/NDF:154.2/8

Left: 8.397+/-0.433 χ^2/NDF: 324.6/19

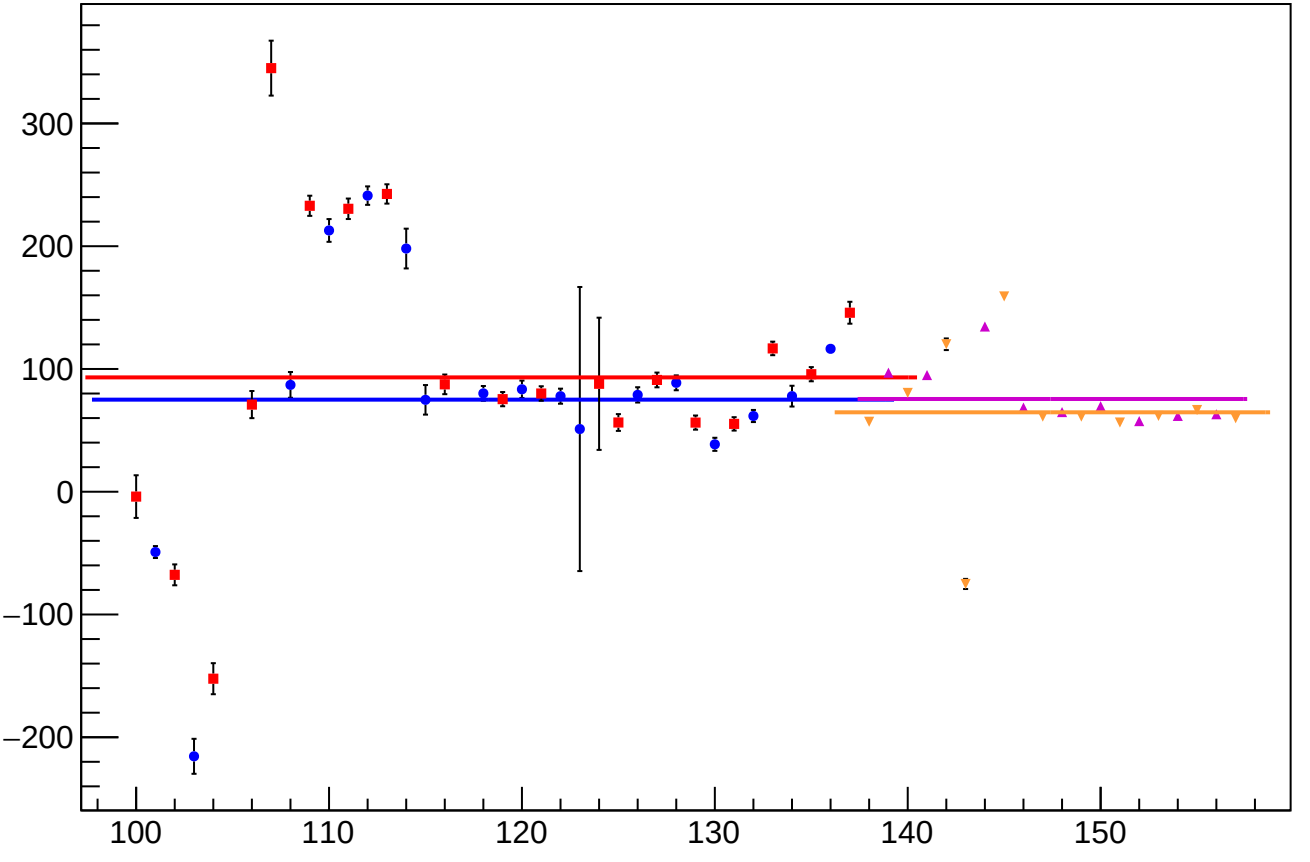
Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 11.943+/-0.504 χ^2/NDF:718.8/25

Out: 11.190+/-0.499 χ^2/NDF:533.9/29

All: 11.562+/-0.355 χ^2/NDF: 1253.8/55

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 64.696+/-0.879 χ^2/NDF:2105.2/10

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 75.548+/-0.901 χ^2/NDF:539.1/8

Left: 69.989+/-0.629 χ^2/NDF: 2718.6/19

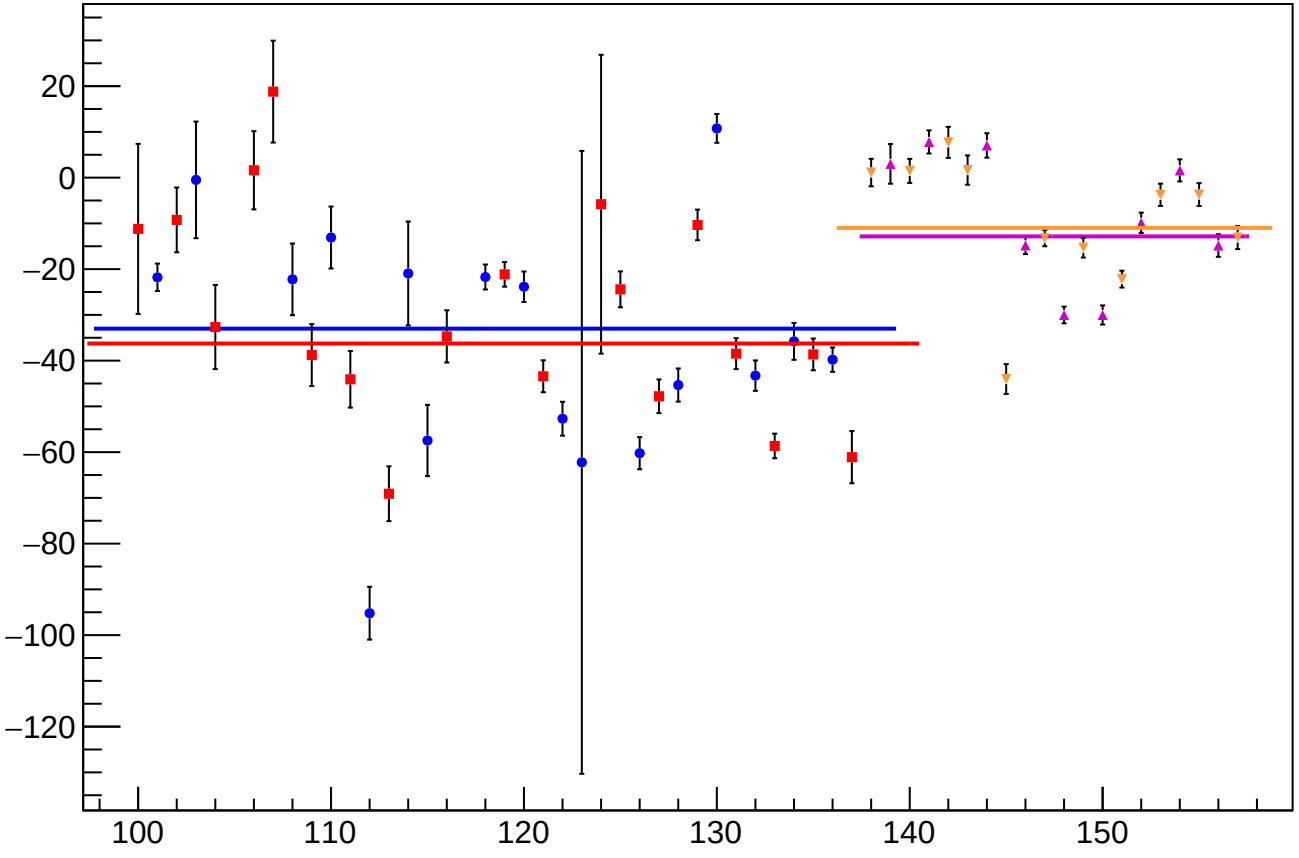
Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 75.423+/-0.789 χ^2/NDF:2538.5/25

Out: 70.634+/-0.782 χ^2/NDF:4326.2/29

All: 73.006+/-0.555 χ^2/NDF: 6883.2/55

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -10.983+/-0.736 χ^2/NDF:247.8/10

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -12.842+/-0.769 χ^2/NDF:330.7/8

Left: -11.872+/-0.532 χ^2/NDF: 581.5/19

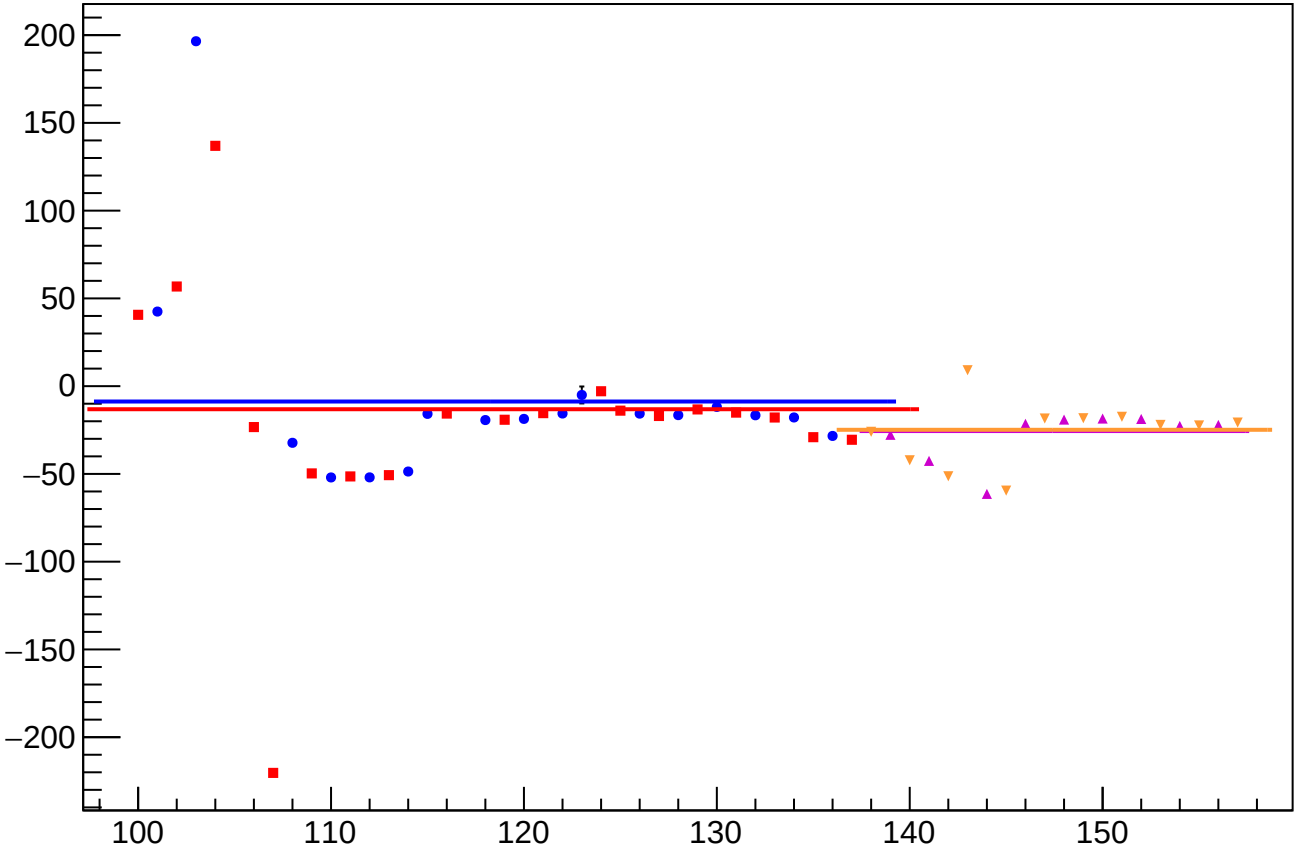
Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -20.603+/-0.603 χ^2/NDF:1088.6/25

Out: -19.580+/-0.598 χ^2/NDF:945.9/29

All: -20.087+/-0.425 χ^2/NDF: 2035.9/55

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -24.863+/-0.035 χ^2/NDF:162143.1/10

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -25.579+/-0.036 χ^2/NDF:94278.5/8

Left: -25.214+/-0.025 χ^2/NDF: 256629.1/19

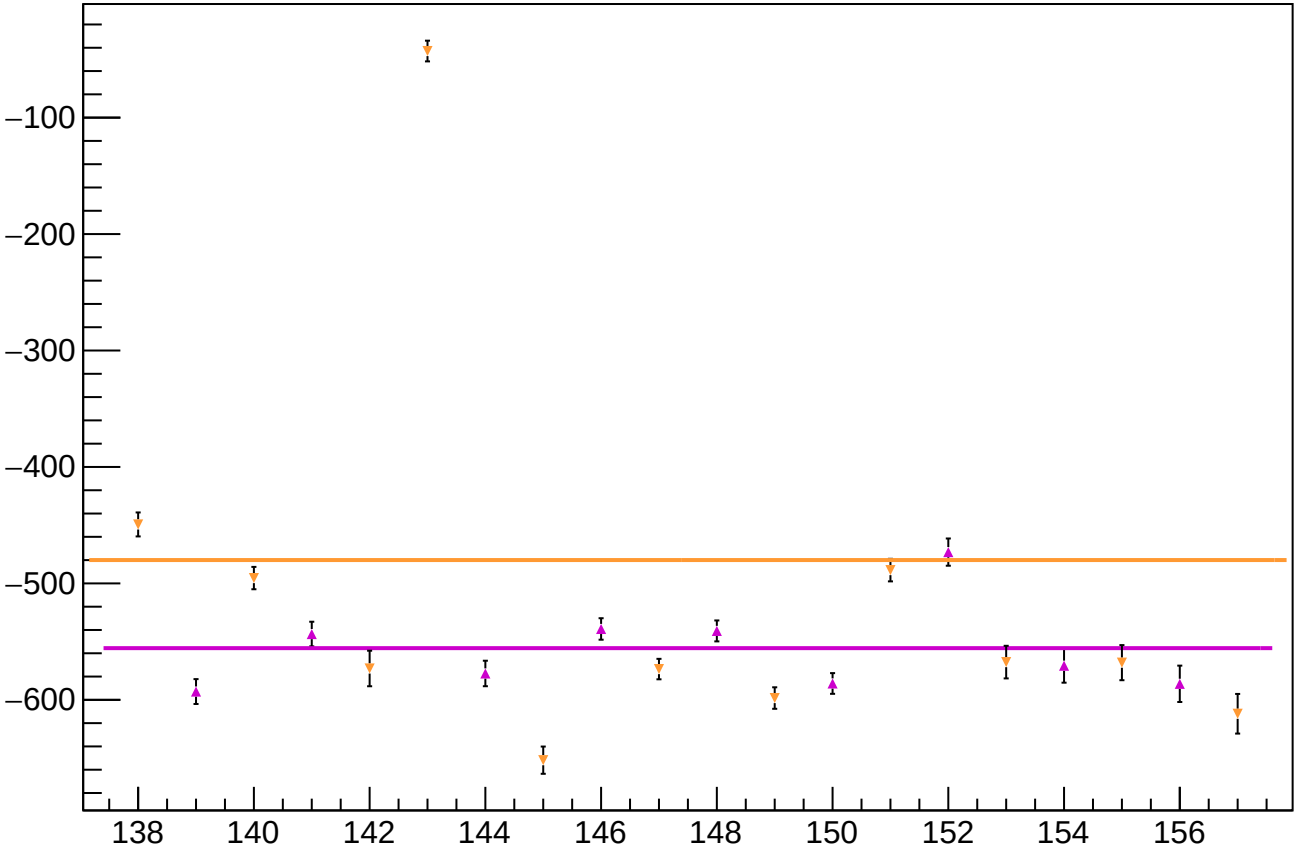
Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -21.076+/-0.030 χ^2/NDF:730270.2/25

Out: -22.032+/-0.030 χ^2/NDF:748107.8/29

All: -21.555+/-0.021 χ^2/NDF: 1478872.4/55

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -479.950+/-3.282 χ^2/NDF:3089.9/10

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

Left In: -555.599+/-3.559 χ^2/NDF:89.6/8

Left: -514.719+/-2.413 χ^2/NDF: 3423.7/19

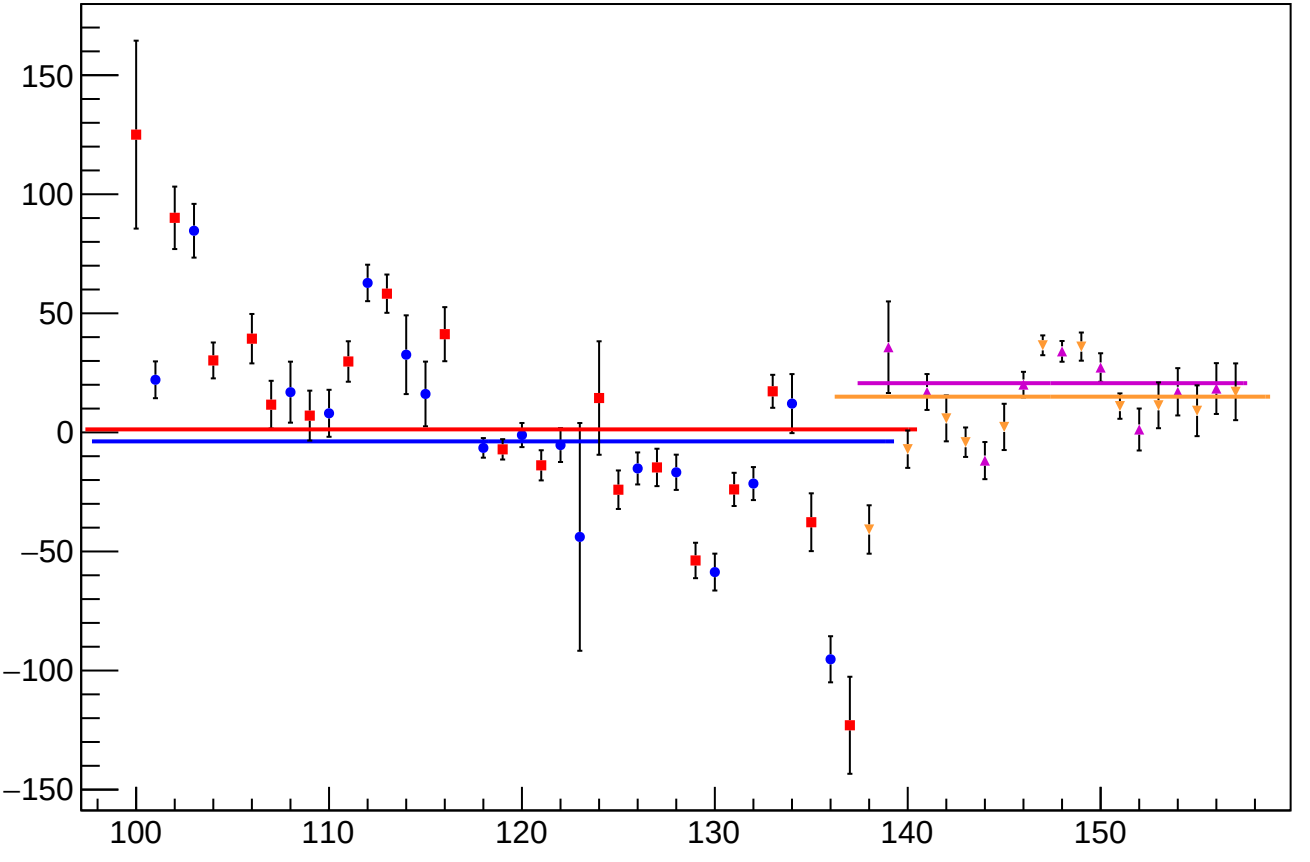
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -555.599+/-3.559 χ^2/NDF:89.6/8

Out: -479.950+/-3.282 χ^2/NDF:3089.9/10

All: -514.719+/-2.413 χ^2/NDF: 3423.7/19

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 15.003+/-2.125 χ^2/NDF:90.7/10

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 20.667+/-2.332 χ^2/NDF:33.9/8

Left: 17.573+/-1.570 χ^2/NDF: 127.8/19

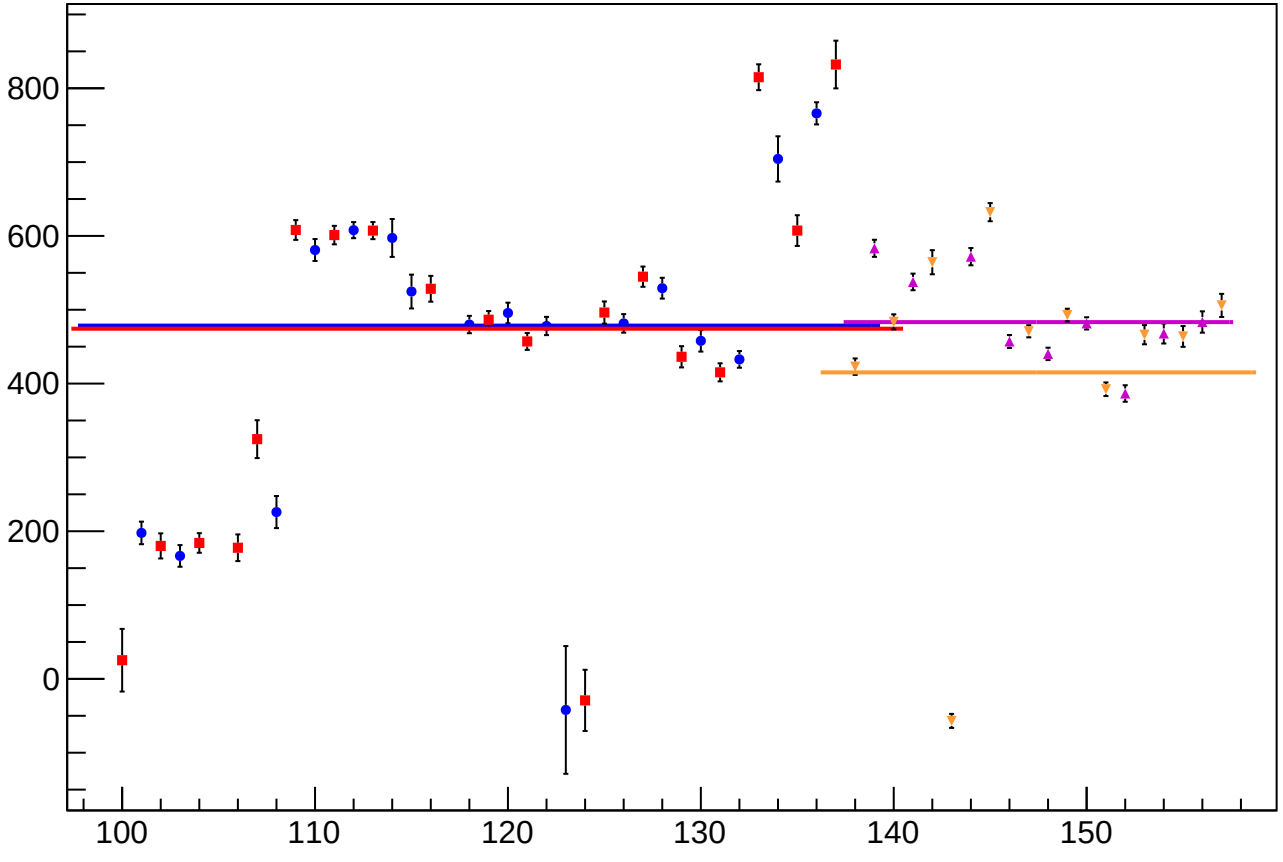
Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: 5.909+/-1.468 χ^2/NDF:414.6/25

Out: 7.442+/-1.425 χ^2/NDF:417.4/29

All: 6.698+/-1.022 χ^2/NDF: 832.6/55

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 415.146+/-3.259 χ^2/NDF:3103.3/10

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 483.265+/-3.486 χ^2/NDF:266.3/8

Left: 446.921+/-2.381 χ^2/NDF: 3573.3/19

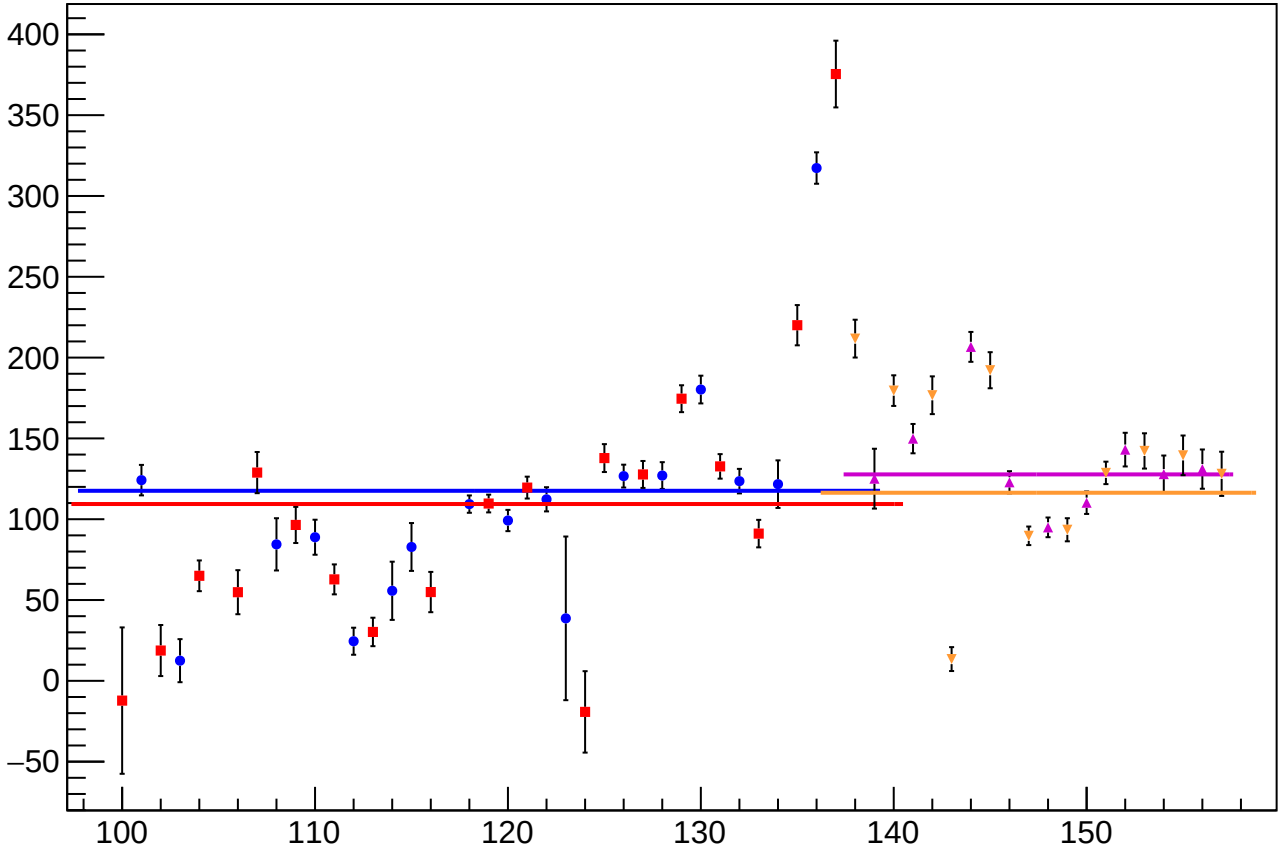
Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 480.991+/-2.514 χ^2/NDF:1896.2/25

Out: 442.361+/-2.396 χ^2/NDF:5542.0/29

All: 460.742+/-1.734 χ^2/NDF: 7561.9/55

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 116.376+/-2.643 χ^2/NDF:422.2/10

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 127.730+/-2.897 χ^2/NDF:116.8/8

Left: 121.535+/-1.953 χ^2/NDF: 547.3/19

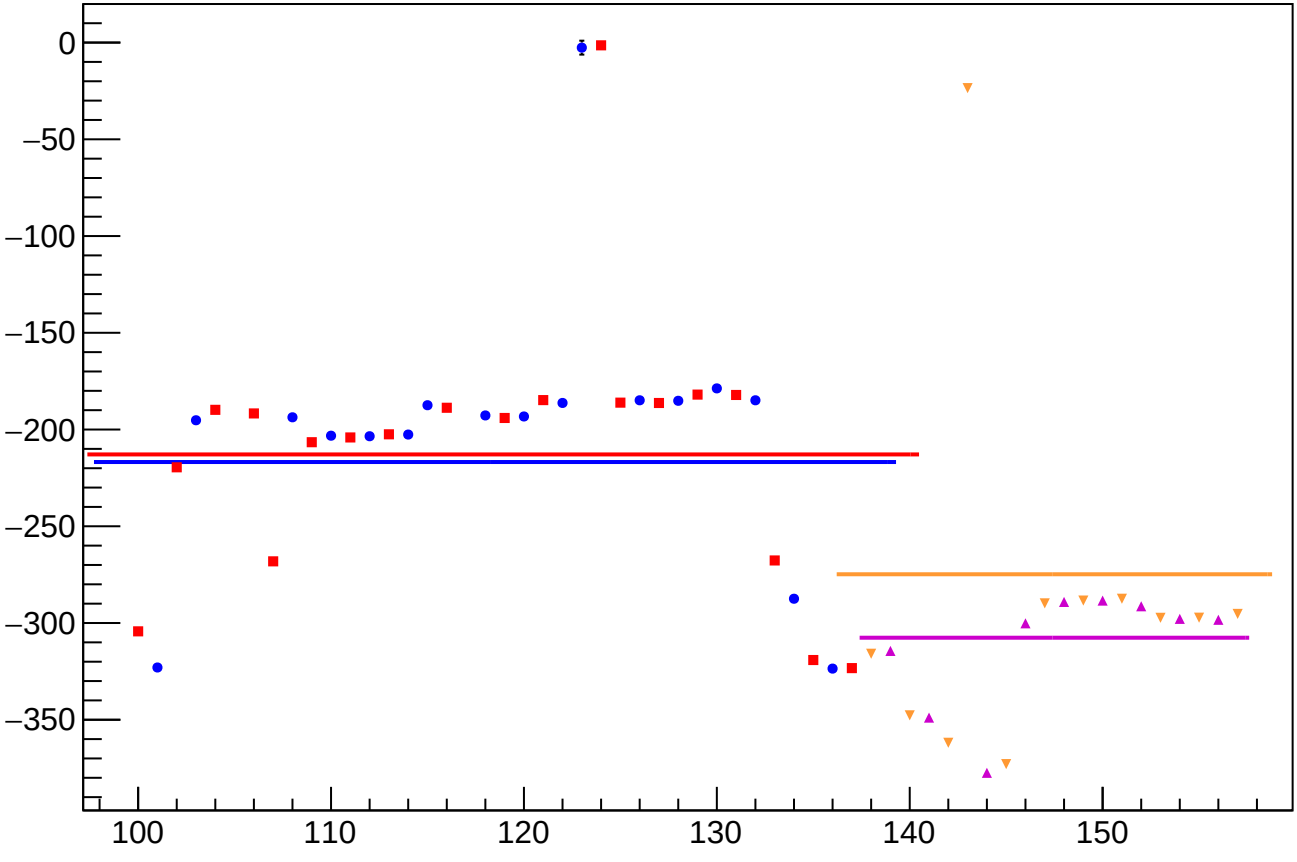
Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 121.281+/-1.748 χ^2/NDF:831.4/25

Out: 112.270+/-1.695 χ^2/NDF:997.5/29

All: 116.637+/-1.217 χ^2/NDF: 1842.6/55

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -274.806+/-0.134 χ^2/NDF:540288.0/10

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -307.603+/-0.141 χ^2/NDF:35094.8/8

Left: -290.306+/-0.097 χ^2/NDF: 603838.4/19

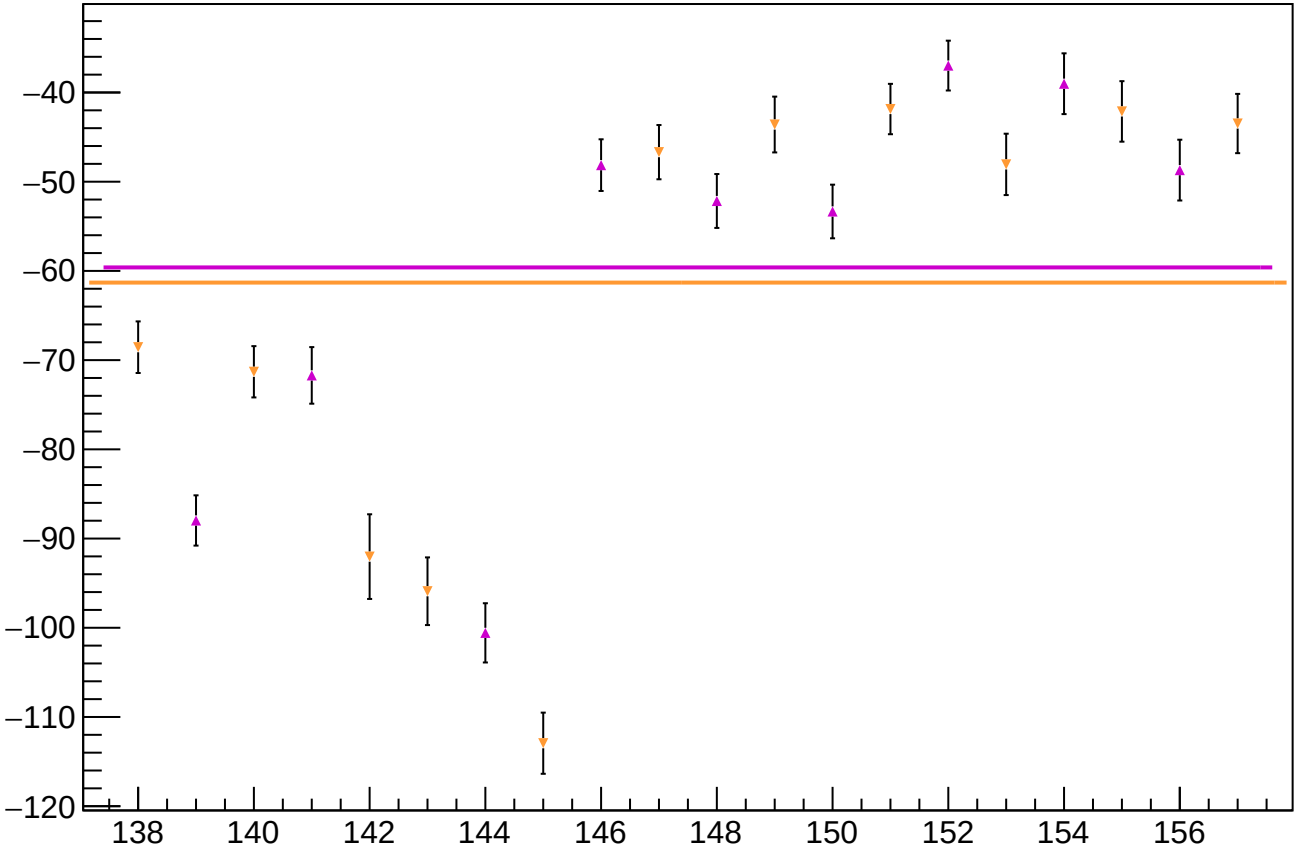
Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -260.382+/-0.098 χ^2/NDF:397162.2/25

Out: -243.014+/-0.093 χ^2/NDF:766904.8/29

All: -251.283+/-0.067 χ^2/NDF: 1180583.3/55

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -61.308+/-0.982 χ^2/NDF:548.7/10

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

Left In: -59.608+/-1.023 χ^2/NDF:406.6/8

Left: -60.493+/-0.708 χ^2/NDF: 956.7/19

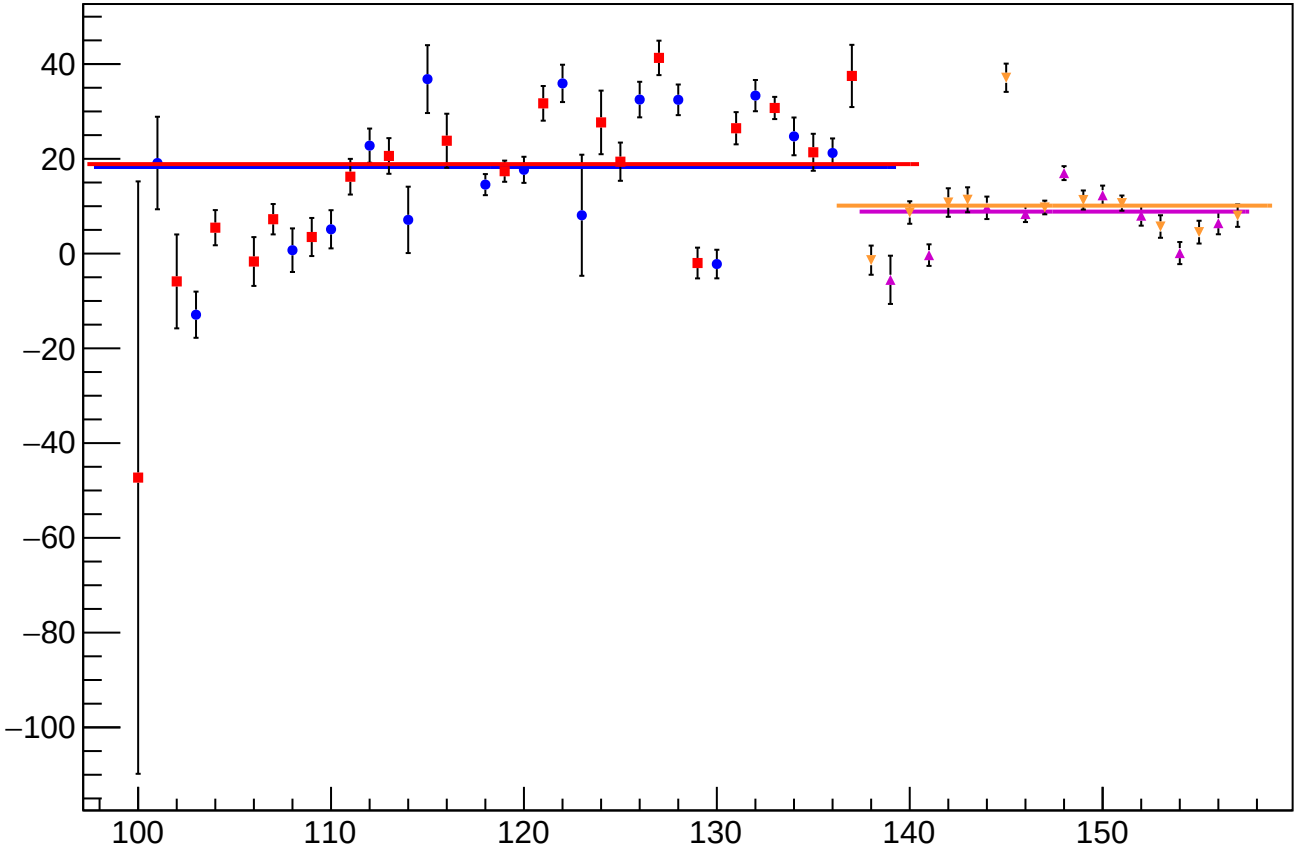
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -59.608+/-1.023 χ^2/NDF:406.6/8

Out: -61.308+/-0.982 χ^2/NDF:548.7/10

All: -60.493+/-0.708 χ^2/NDF: 956.7/19

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 10.122+/-0.660 χ^2/NDF:106.7/10

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 8.858+/-0.699 χ^2/NDF:73.3/8

Left: 9.526+/-0.480 χ^2/NDF: 181.7/19

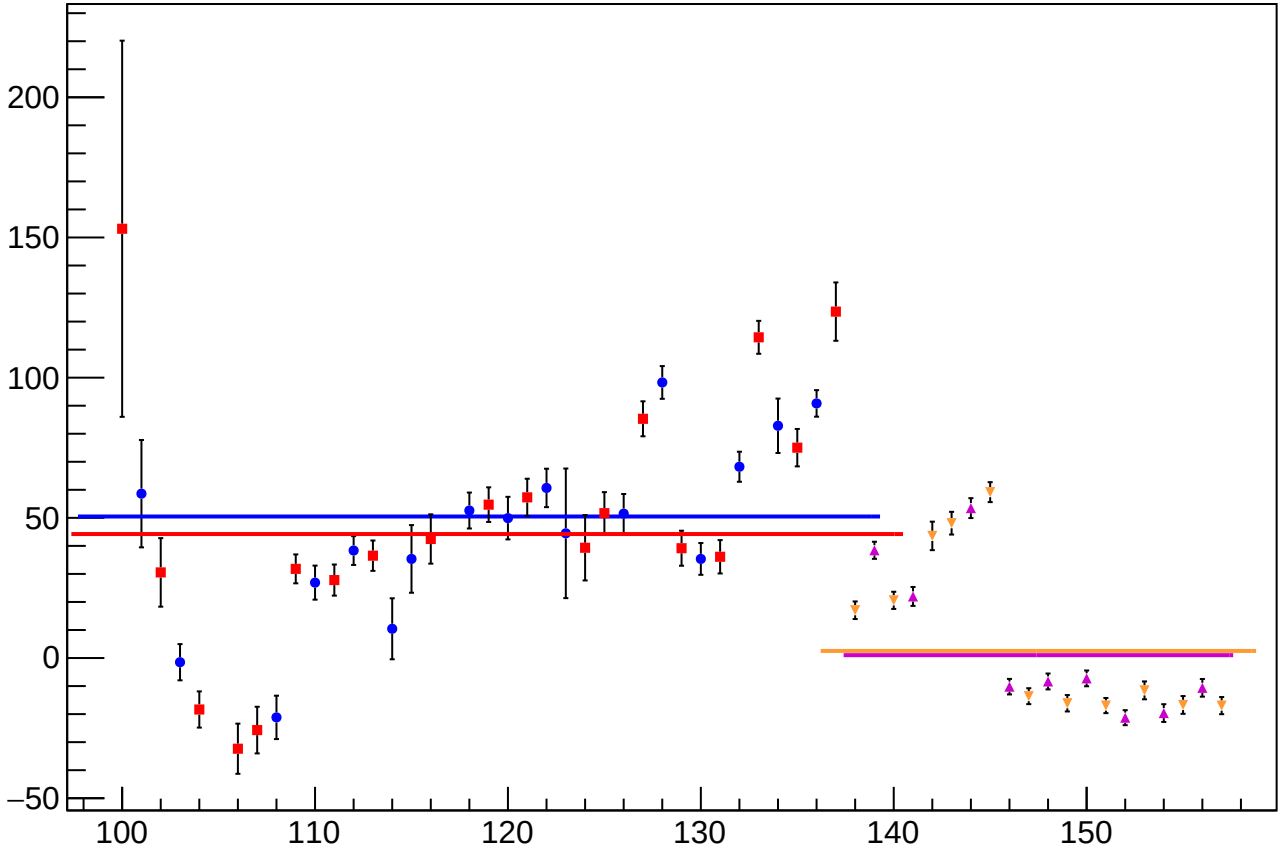
Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 12.377+/-0.553 χ^2/NDF:345.7/25

Out: 13.350+/-0.525 χ^2/NDF:370.0/29

All: 12.889+/-0.381 χ^2/NDF: 717.3/55

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: 2.533+/-0.967 χ^2/NDF:723.2/10

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: 1.023+/-1.002 χ^2/NDF:568.9/8

Left: 1.805+/-0.696 χ^2/NDF: 1293.3/19

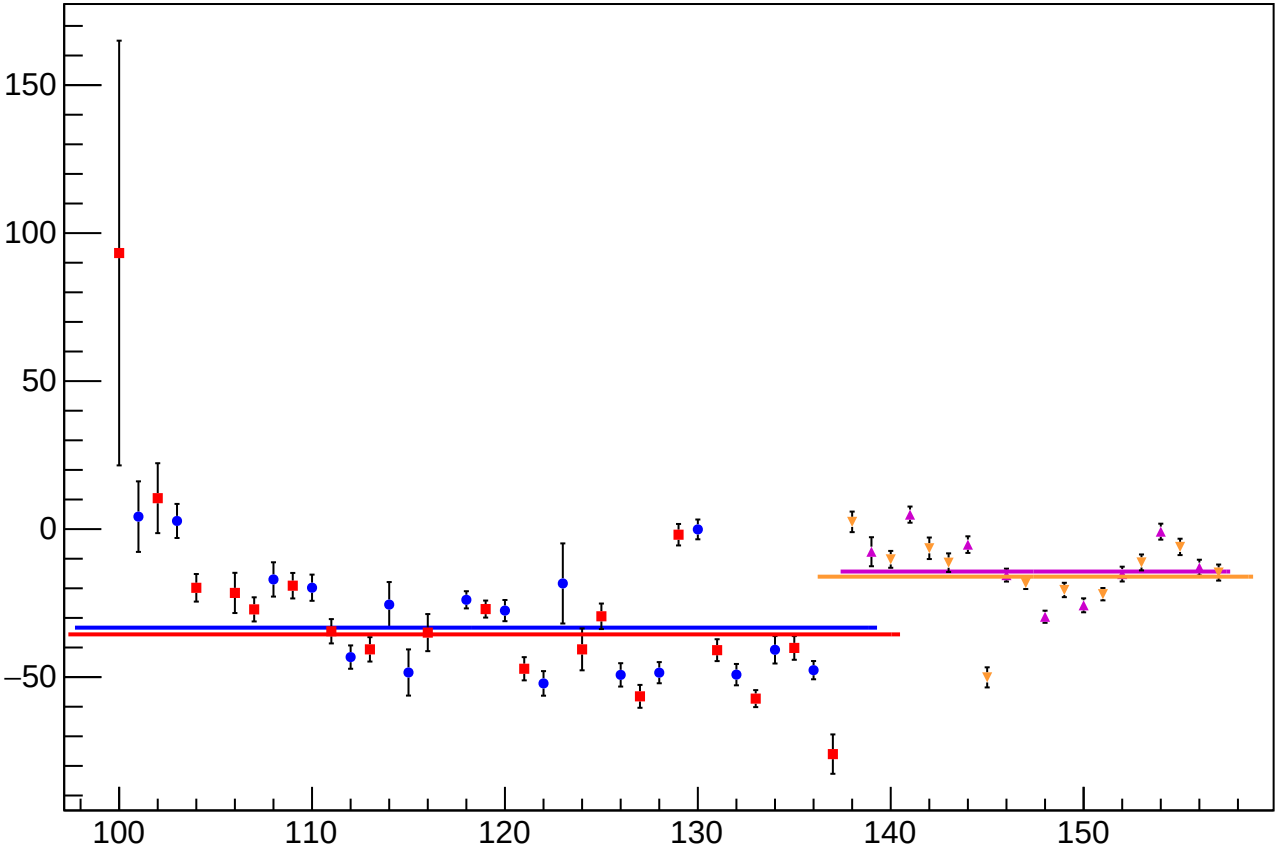
Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: 14.140+/-0.859 χ^2/NDF:1572.9/25

Out: 13.659+/-0.828 χ^2/NDF:1753.8/29

All: 13.891+/-0.596 χ^2/NDF: 3326.8/55

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -16.066+/-0.810 χ^2/NDF:171.5/10

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -14.336+/-0.855 χ^2/NDF:166.4/8

Left: -15.248+/-0.588 χ^2/NDF: 340.1/19

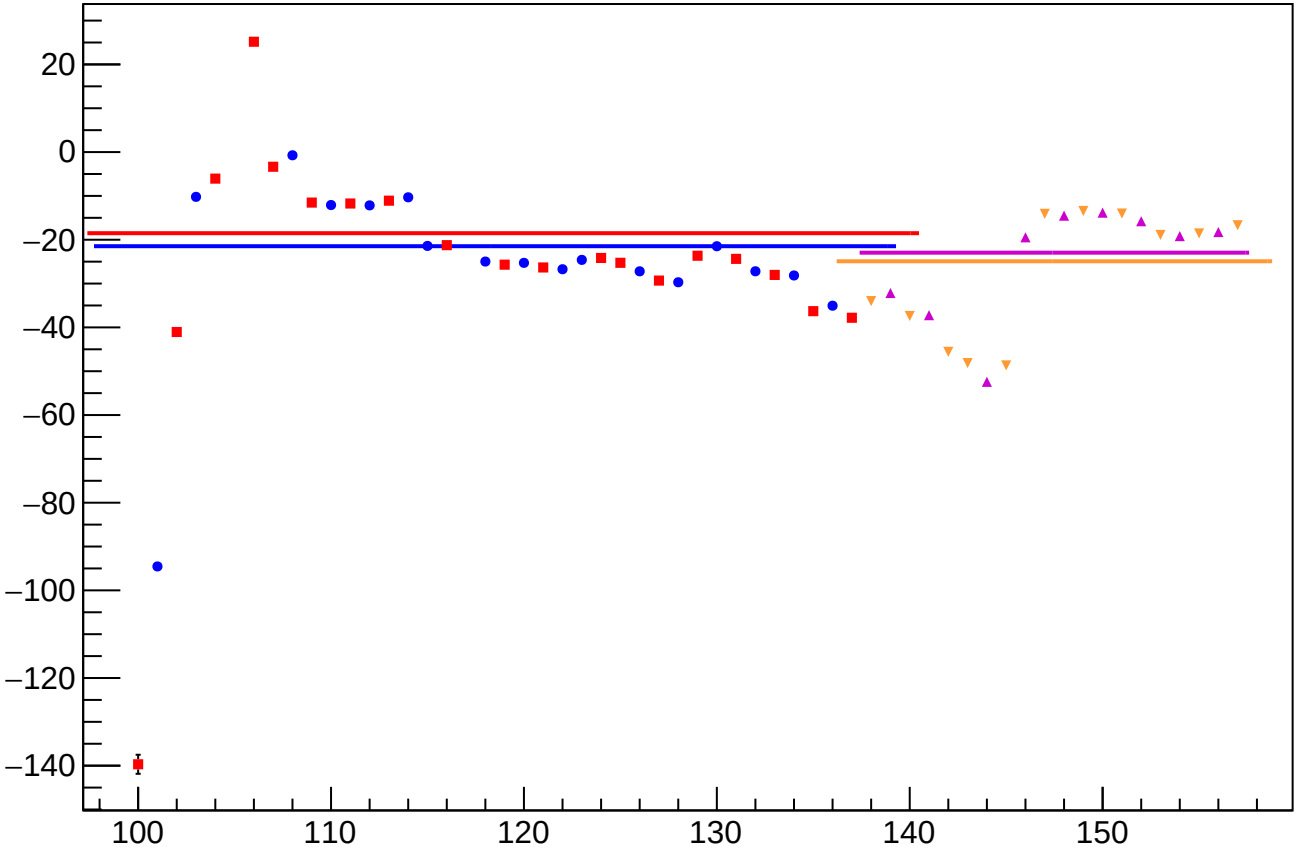
Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -22.042+/-0.659 χ^2/NDF:655.4/25

Out: -23.857+/-0.627 χ^2/NDF:690.9/29

All: -22.994+/-0.454 χ^2/NDF: 1350.3/55

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -24.914+/-0.038 χ^2/NDF:109754.6/10

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -22.950+/-0.039 χ^2/NDF:73475.0/8

Left: -23.963+/-0.027 χ^2/NDF: 184505.2/19

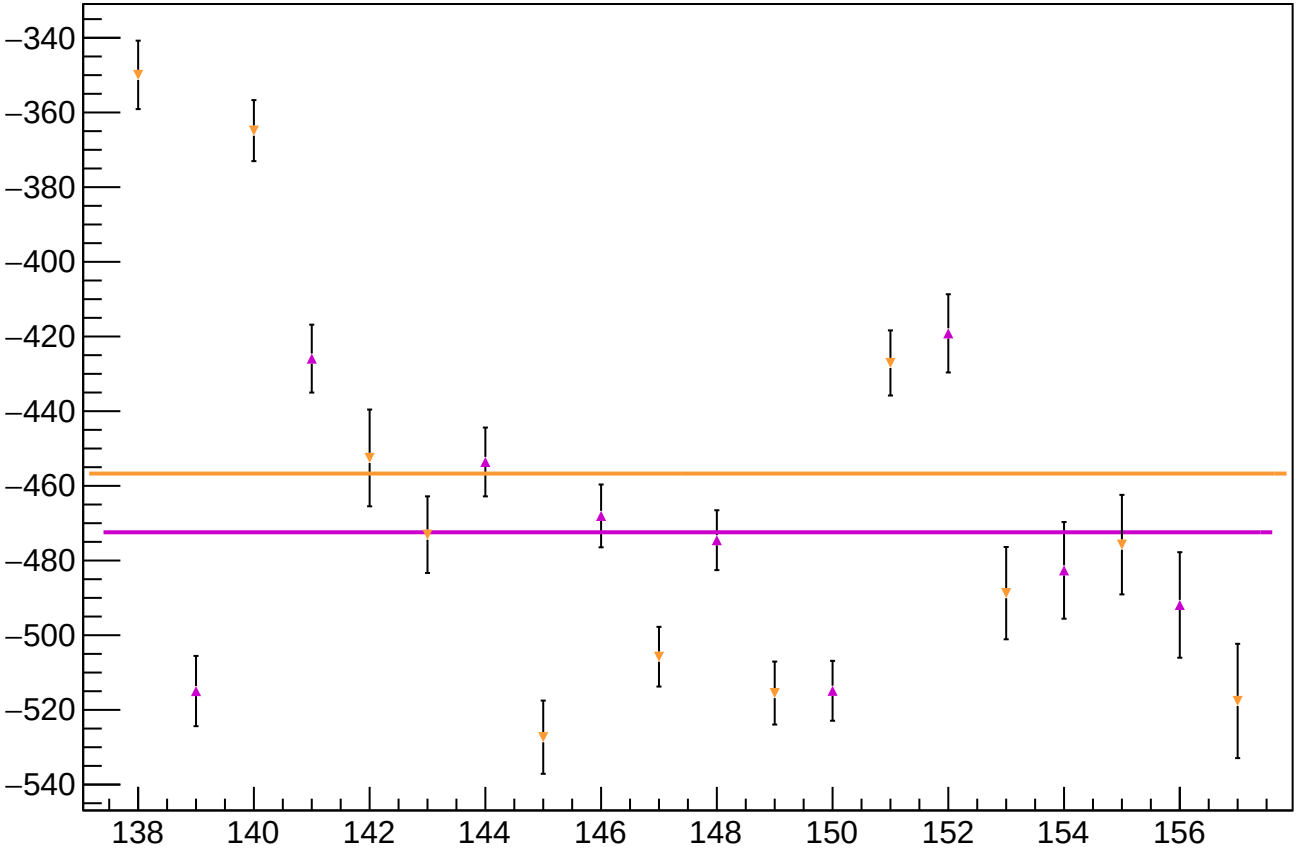
Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -22.490+/-0.033 χ^2/NDF:122919.0/25

Out: -22.940+/-0.032 χ^2/NDF:199128.7/29

All: -22.722+/-0.023 χ^2/NDF: 322144.7/55

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -456.706+/-2.988 χ^2/NDF:438.8/10

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

Left In: -472.431+/-3.155 χ^2/NDF:107.5/8

Left: -464.142+/-2.169 χ^2/NDF: 559.4/19

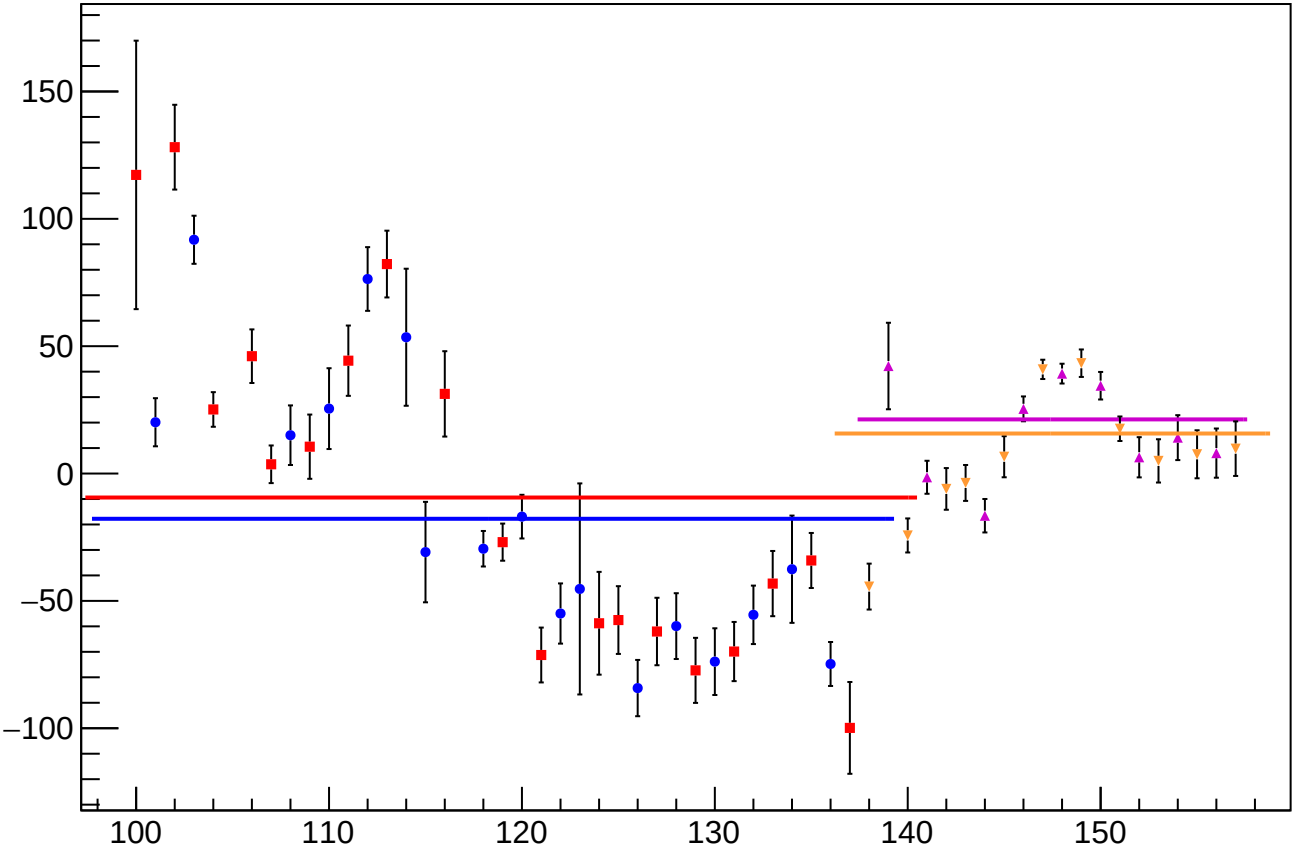
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -472.431+/-3.155 χ^2/NDF:107.5/8

Out: -456.706+/-2.988 χ^2/NDF:438.8/10

All: -464.142+/-2.169 χ^2/NDF: 559.4/19

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 15.716+/-1.938 χ^2/NDF:169.4/10

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: 21.254+/-2.073 χ^2/NDF:81.2/8

Left: 18.299+/-1.416 χ^2/NDF: 254.4/19

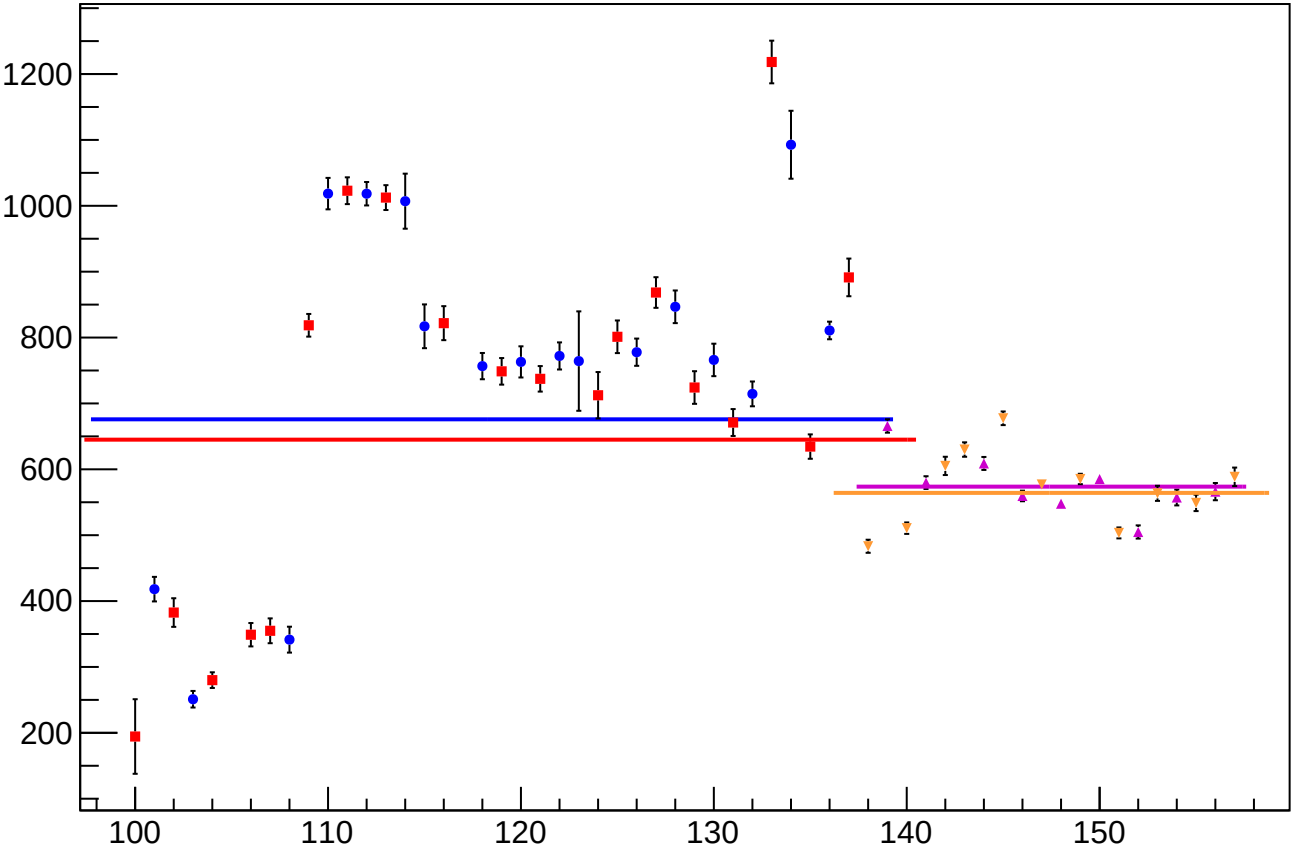
Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: 7.317+/-1.662 χ^2/NDF:571.5/25

Out: 6.796+/-1.557 χ^2/NDF:598.7/29

All: 7.039+/-1.136 χ^2/NDF: 1170.2/55

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 564.220+/-2.964 χ^2/NDF:337.1/10

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 573.701+/-3.097 χ^2/NDF:161.6/8

Left: 568.752+/-2.141 χ^2/NDF: 503.6/19

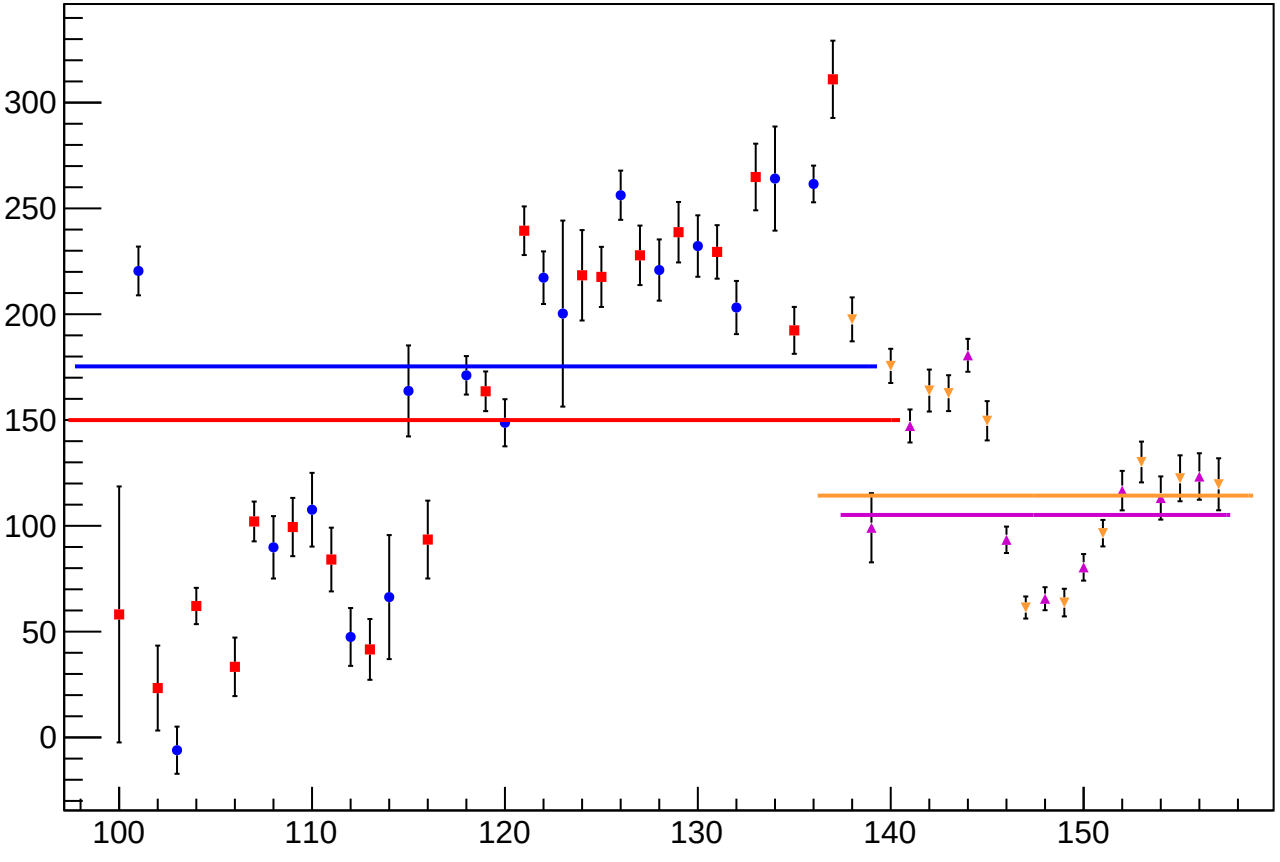
Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 601.727+/-2.638 χ^2/NDF:3046.6/25

Out: 586.785+/-2.516 χ^2/NDF:3668.0/29

All: 593.902+/-1.821 χ^2/NDF: 6731.3/55

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 114.283+/-2.413 χ^2/NDF:368.1/10

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 105.140+/-2.574 χ^2/NDF:200.0/8

Left: 110.007+/-1.760 χ^2/NDF: 574.8/19

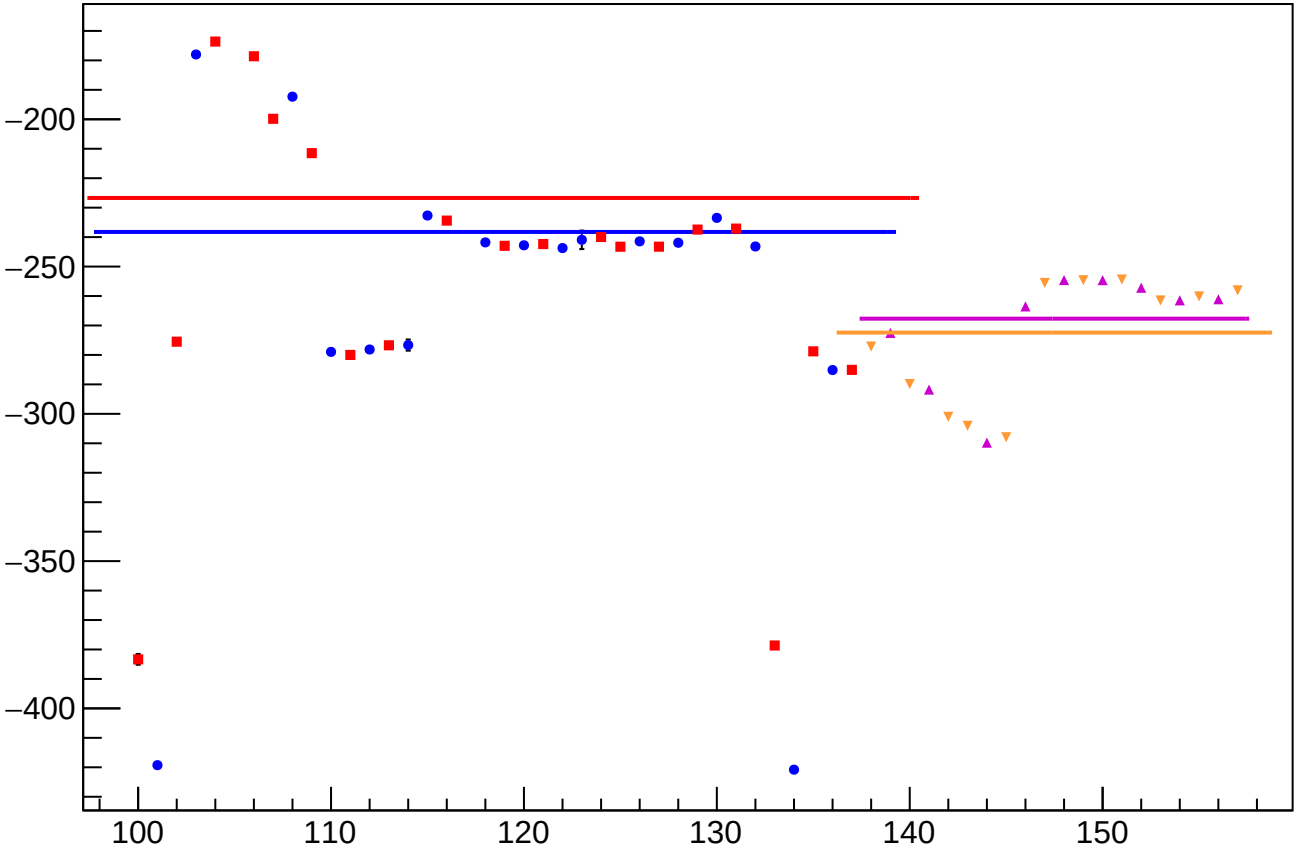
Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 132.693+/-2.007 χ^2/NDF:1130.3/25

Out: 128.045+/-1.891 χ^2/NDF:1145.6/29

All: 130.232+/-1.376 χ^2/NDF: 2278.8/55

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -272.410+/-0.122 χ^2/NDF:27551.4/10

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -267.686+/-0.125 χ^2/NDF:18121.9/8

Left: -270.122+/-0.087 χ^2/NDF: 46404.5/19

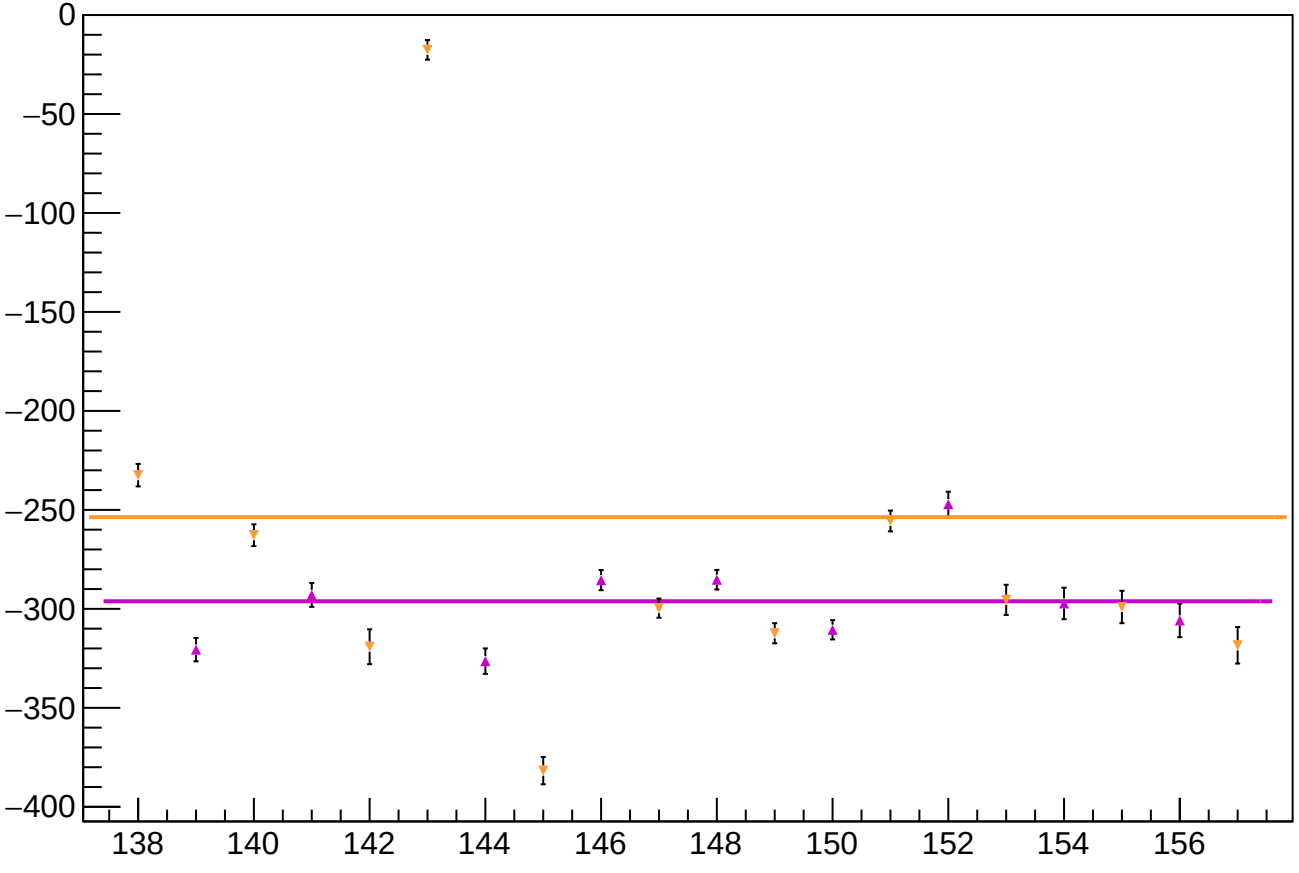
Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -256.474+/-0.099 χ^2/NDF:206226.7/25

Out: -254.448+/-0.095 χ^2/NDF:185917.3/29

All: -255.419+/-0.068 χ^2/NDF: 392363.3/55

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: -253.661+/-1.824 χ^2/NDF:3028.6/10

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

Left In: -296.162+/-1.974 χ^2/NDF:119.6/8

Left: -273.242+/-1.340 χ^2/NDF: 3398.2/19

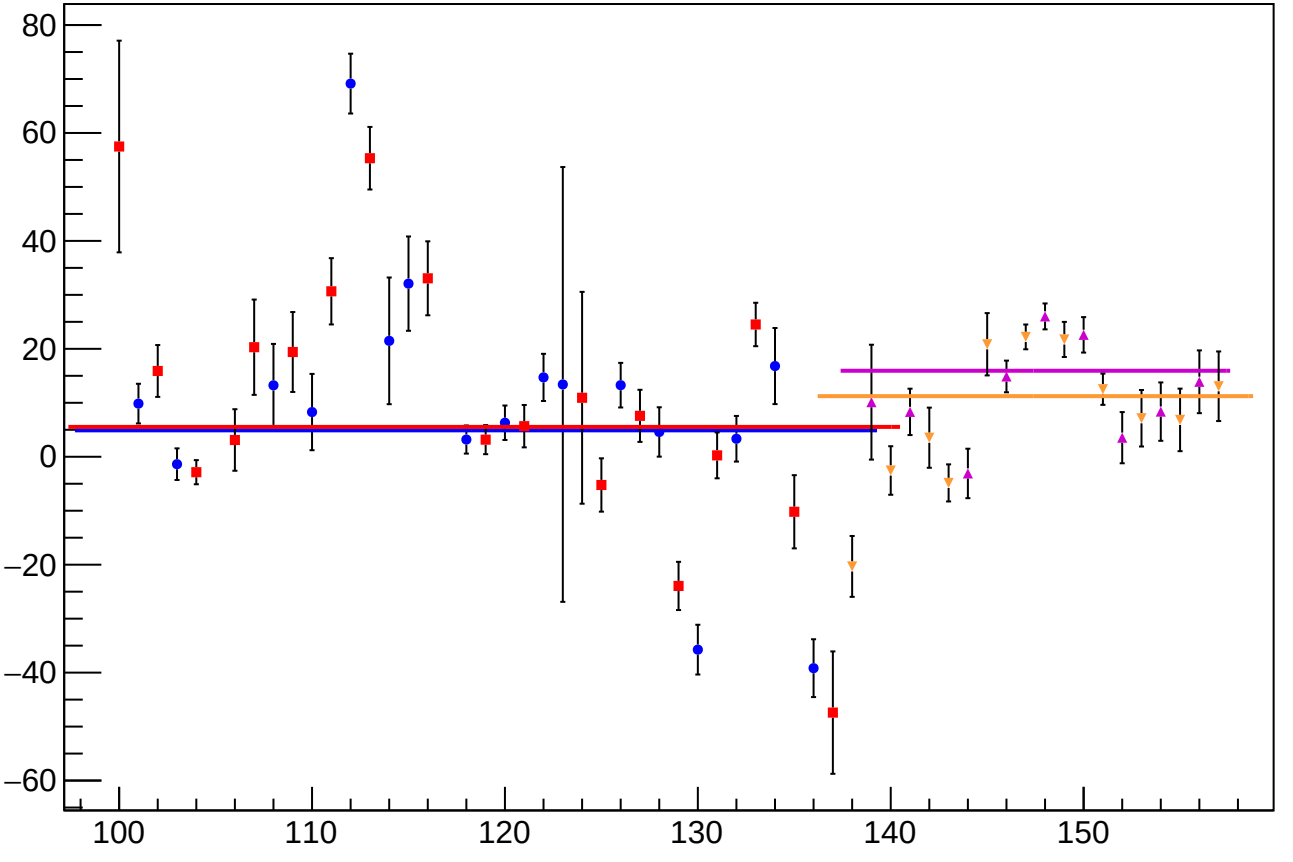
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -296.162+/-1.974 χ^2/NDF:119.6/8

Out: -253.661+/-1.824 χ^2/NDF:3028.6/10

All: -273.242+/-1.340 χ^2/NDF: 3398.2/19

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: 11.232+/-1.177 χ^2/NDF:102.0/10

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 15.938+/-1.290 χ^2/NDF:51.4/8

Left: 13.370+/-0.870 χ^2/NDF: 160.7/19

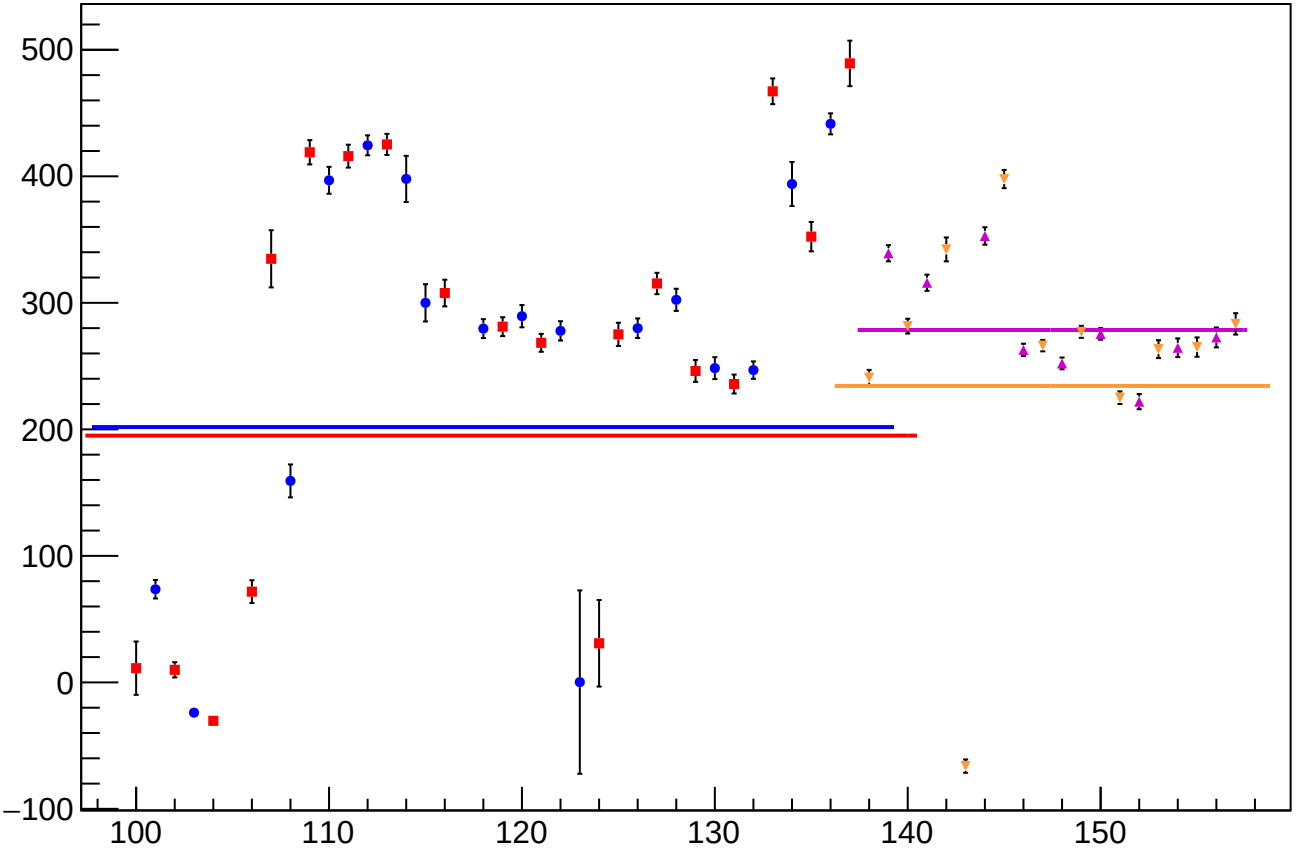
Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 9.491+/-0.832 χ^2/NDF:406.2/25

Out: 8.115+/-0.792 χ^2/NDF:353.9/29

All: 8.769+/-0.574 χ^2/NDF: 761.5/55

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: 234.327+/-1.808 χ^2/NDF:4148.7/10

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 278.535+/-1.929 χ^2/NDF:375.7/8

Left: 254.995+/-1.319 χ^2/NDF: 4804.1/19

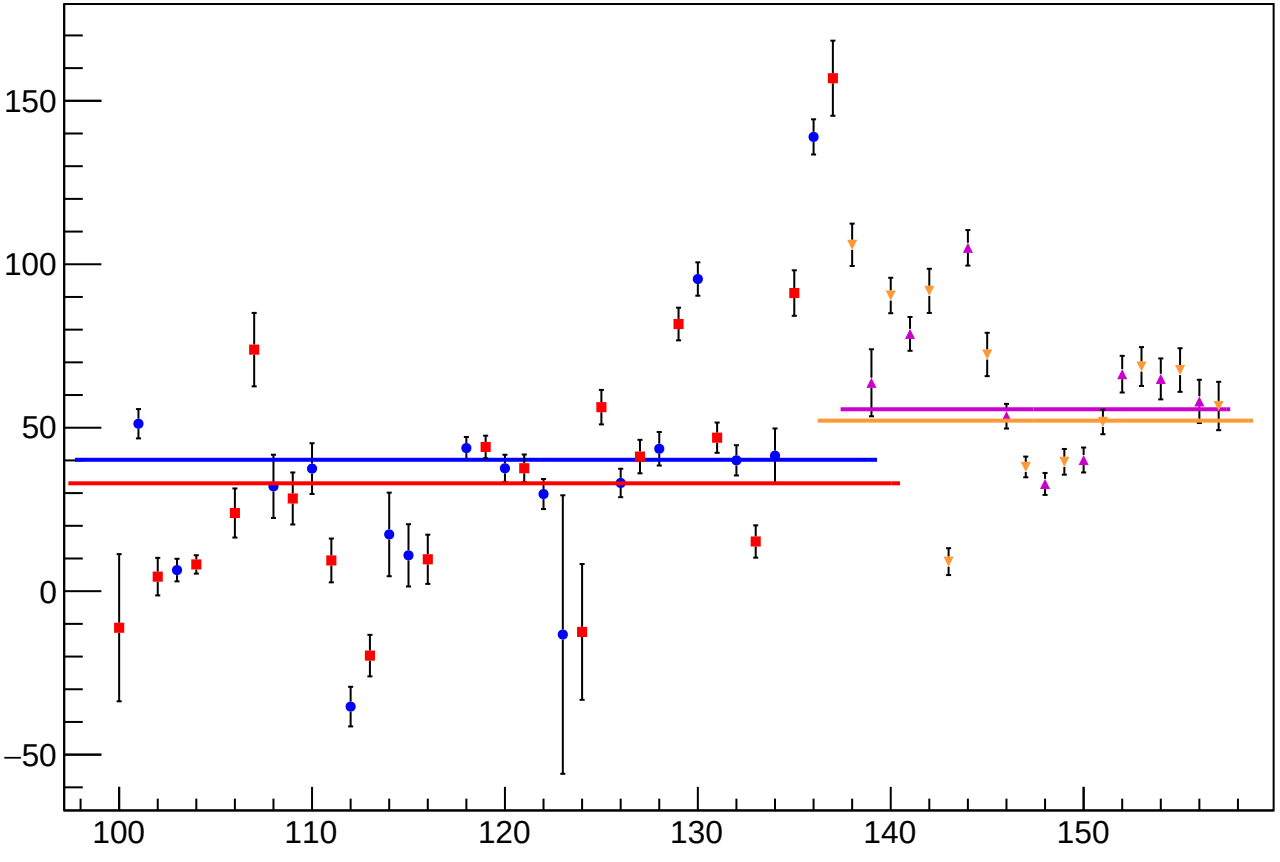
Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 240.984+/-1.378 χ^2/NDF:7904.2/25

Out: 215.918+/-1.318 χ^2/NDF:12627.1/29

All: 227.885+/-0.952 χ^2/NDF: 20704.1/55

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: 52.168+/-1.466 χ^2/NDF:316.5/10

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 55.646+/-1.604 χ^2/NDF:172.0/8

Left: 53.751+/-1.082 χ^2/NDF: 491.1/19

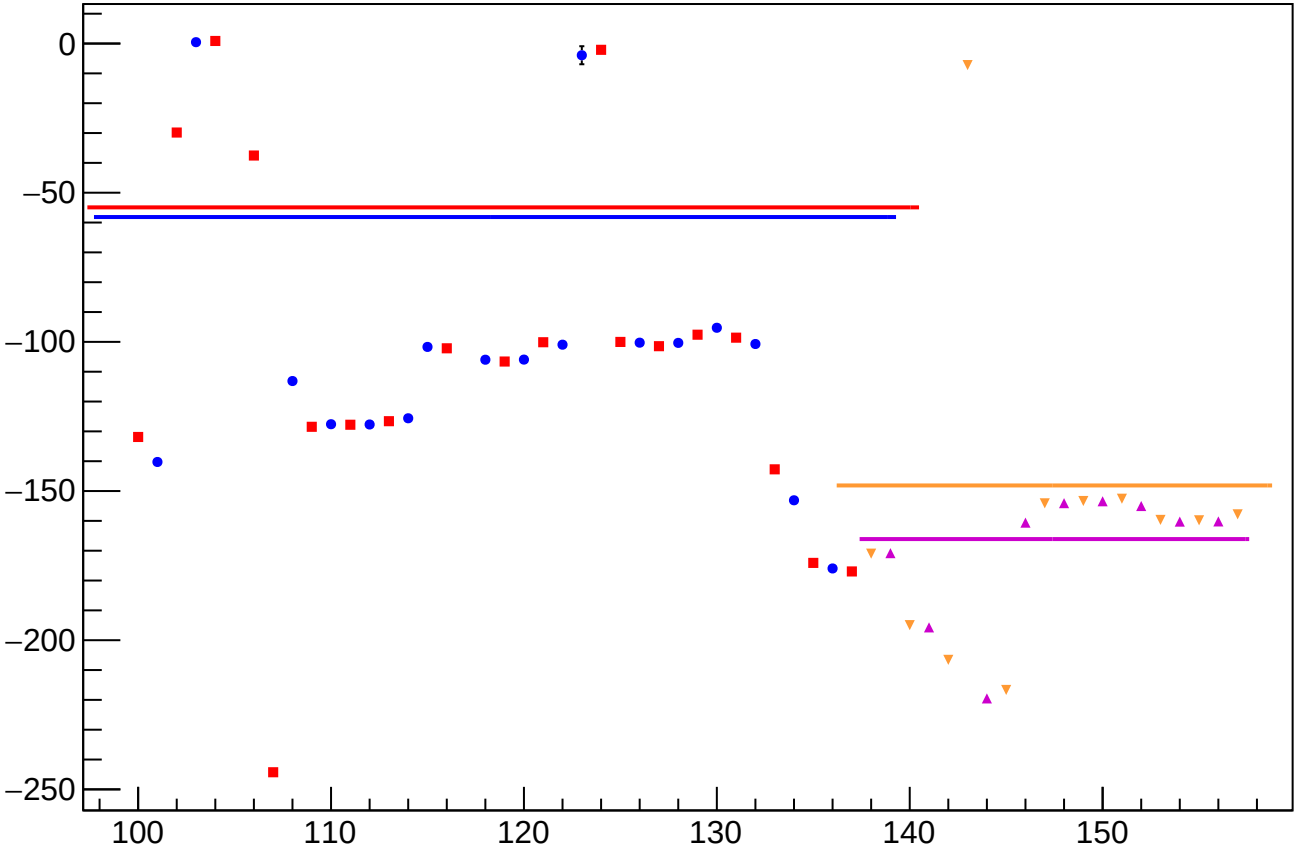
Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 46.136+/-0.994 χ^2/NDF:964.1/25

Out: 41.090+/-0.952 χ^2/NDF:969.4/29

All: 43.504+/-0.688 χ^2/NDF: 1947.0/55

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: -148.126+/-0.074 χ^2/NDF:575991.5/10

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -166.100+/-0.078 χ^2/NDF:56447.4/8

Left: -156.642+/-0.054 χ^2/NDF: 660353.4/19

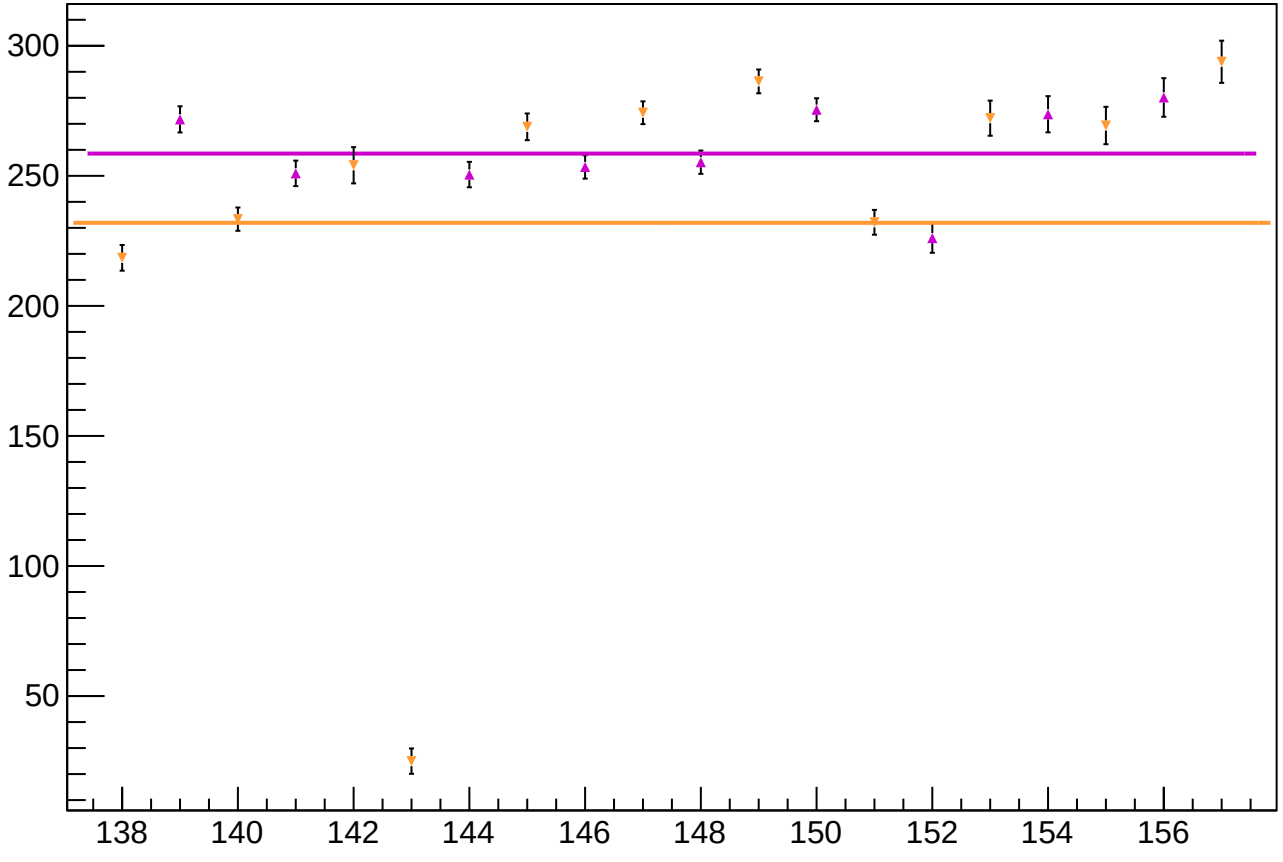
Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -99.573+/-0.048 χ^2/NDF:2341202.9/25

Out: -92.020+/-0.047 χ^2/NDF:2533614.7/29

All: -95.668+/-0.034 χ^2/NDF: 4887439.8/55

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: 231.942+/-1.598 χ^2/NDF:2230.2/10

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

Left In: 258.566+/-1.704 χ^2/NDF:74.7/8

Left: 244.396+/-1.166 χ^2/NDF: 2434.8/19

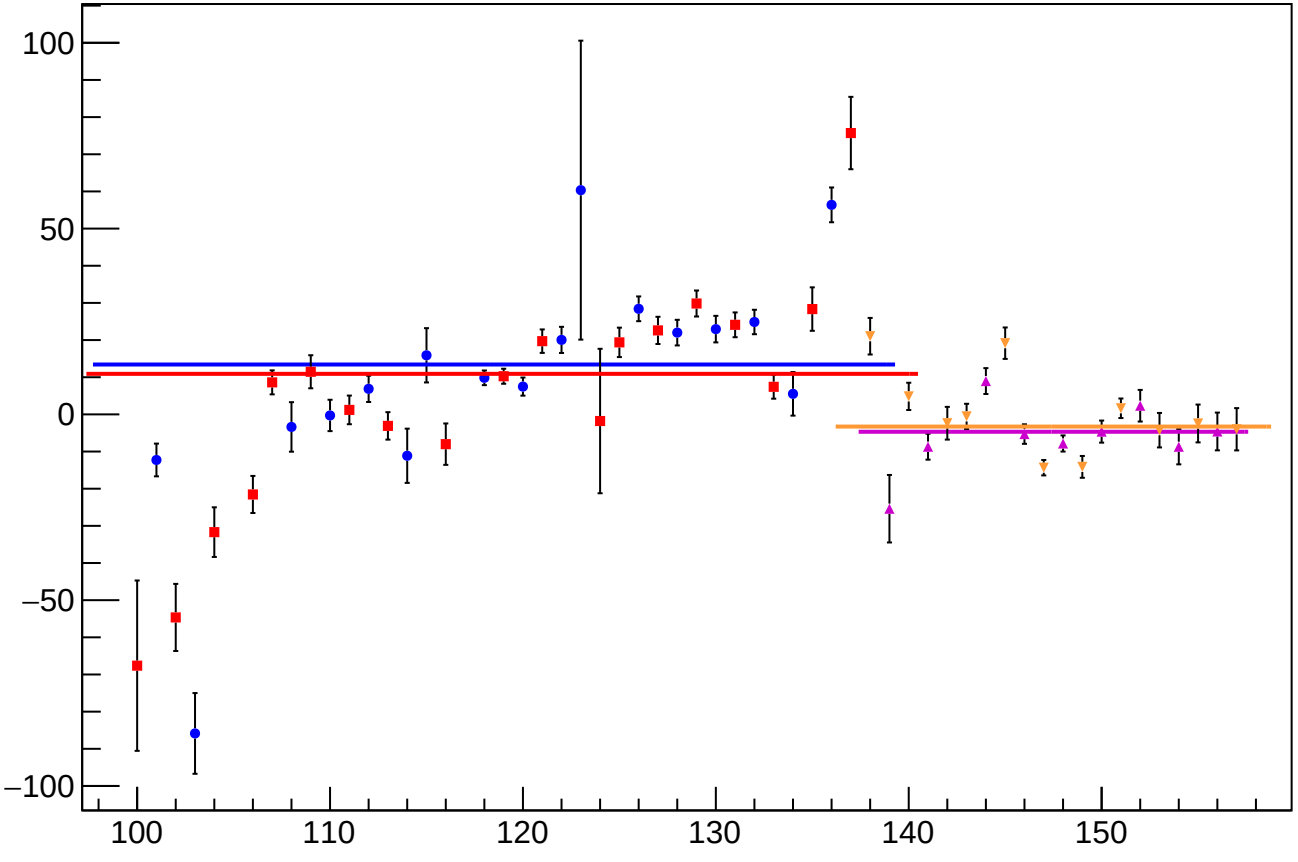
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 258.566+/-1.704 χ^2/NDF:74.7/8

Out: 231.942+/-1.598 χ^2/NDF:2230.2/10

All: 244.396+/-1.166 χ^2/NDF: 2434.8/19

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: -3.280+/-1.043 χ^2/NDF:103.8/10

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: -4.677+/-1.128 χ^2/NDF:27.5/8

Left: -3.924+/-0.766 χ^2/NDF: 132.1/19

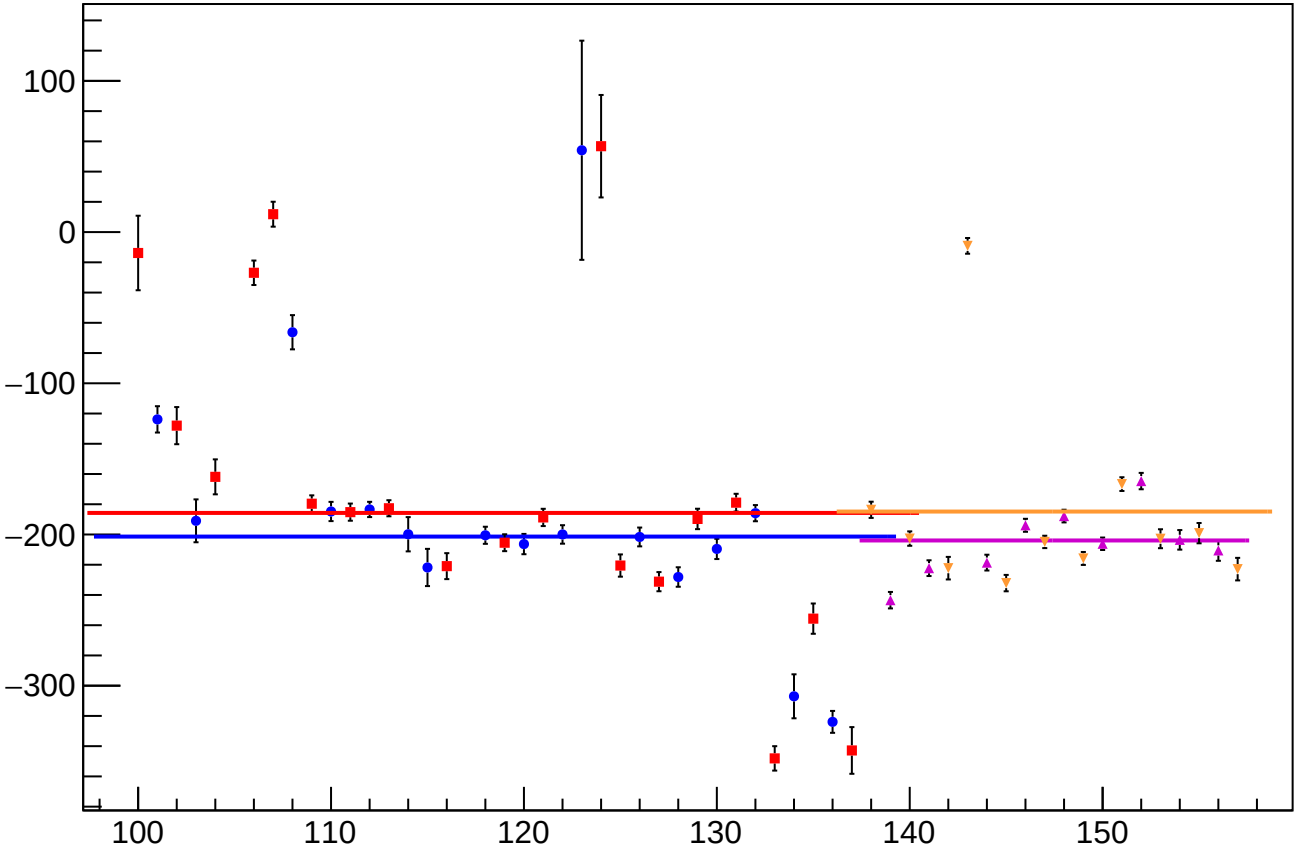
Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 6.197+/-0.713 χ^2/NDF:477.4/25

Out: 4.732+/-0.688 χ^2/NDF:510.8/29

All: 5.439+/-0.495 χ^2/NDF: 990.4/55

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: -184.831+/-1.589 χ^2/NDF:1389.1/10

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -203.954+/-1.675 χ^2/NDF:146.8/8

Left: -193.888+/-1.153 χ^2/NDF: 1604.5/19

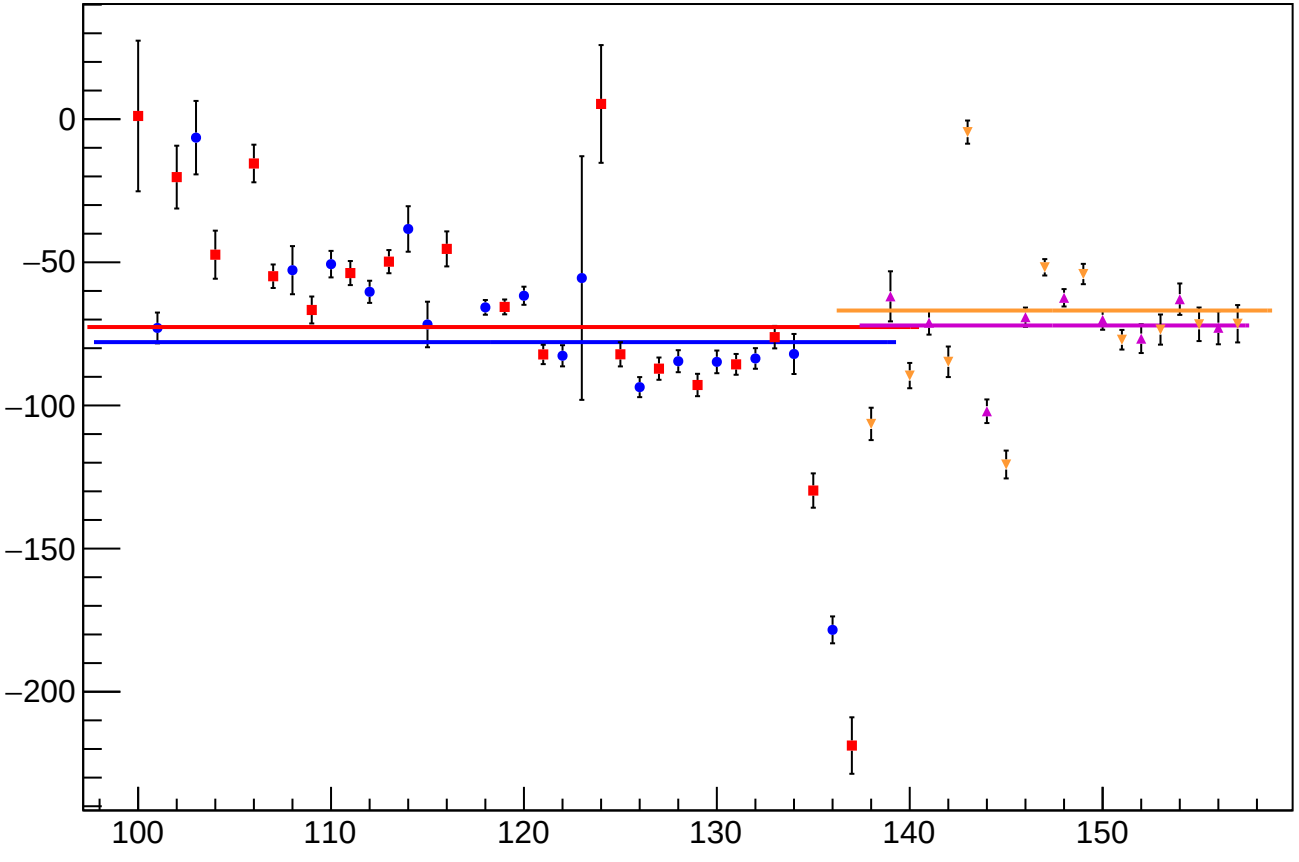
Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -202.746+/-1.220 χ^2/NDF:771.4/25

Out: -185.254+/-1.161 χ^2/NDF:3138.5/29

All: -193.568+/-0.841 χ^2/NDF: 4017.9/55

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: -66.839+/-1.295 χ^2/NDF:498.8/10

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -72.060+/-1.397 χ^2/NDF:69.0/8

Left: -69.253+/-0.950 χ^2/NDF: 575.3/19

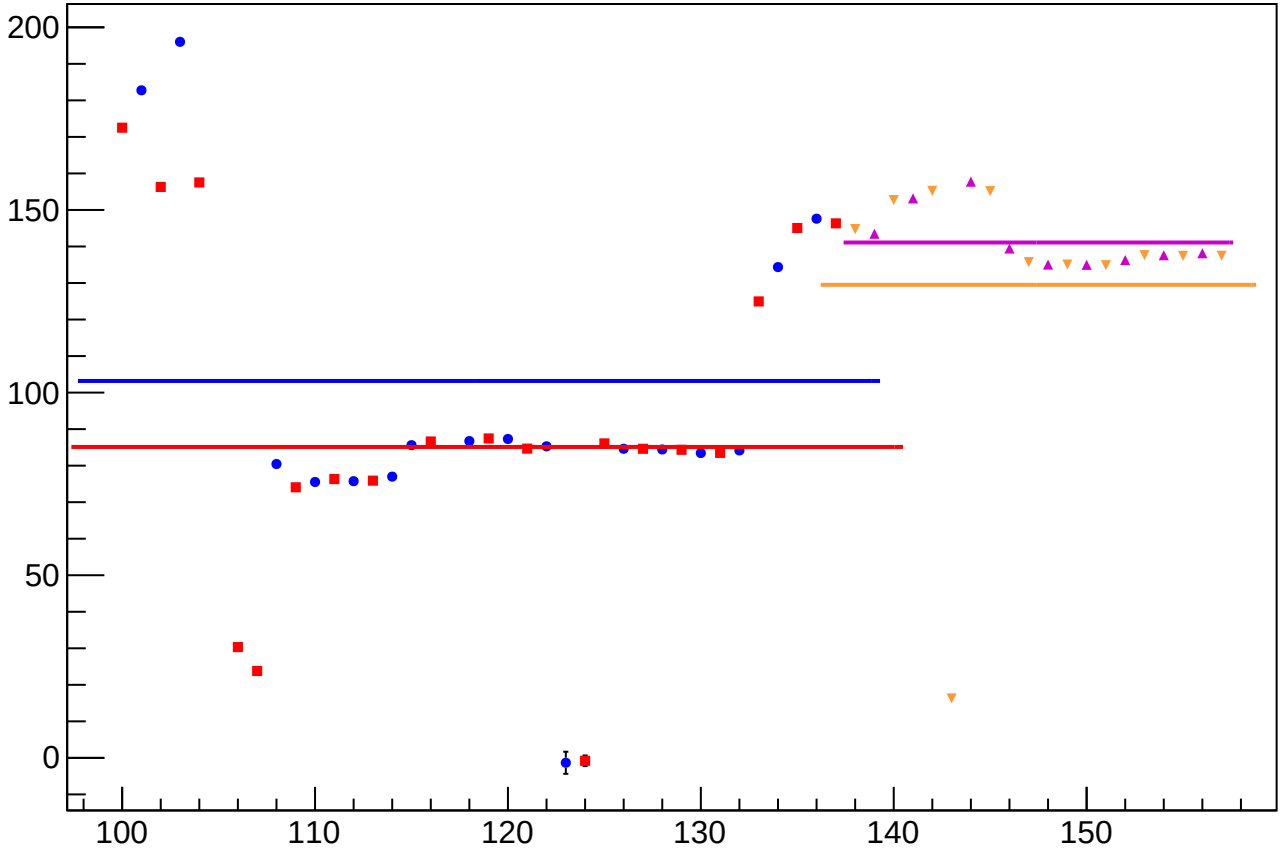
Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -75.737+/-0.847 χ^2/NDF:738.1/25

Out: -70.312+/-0.817 χ^2/NDF:1117.7/29

All: -72.927+/-0.588 χ^2/NDF: 1877.0/55

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: 129.506+/-0.065 χ^2/NDF:342030.4/10

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 141.090+/-0.068 χ^2/NDF:12091.6/8

Left: 135.056+/-0.047 χ^2/NDF: 369355.3/19

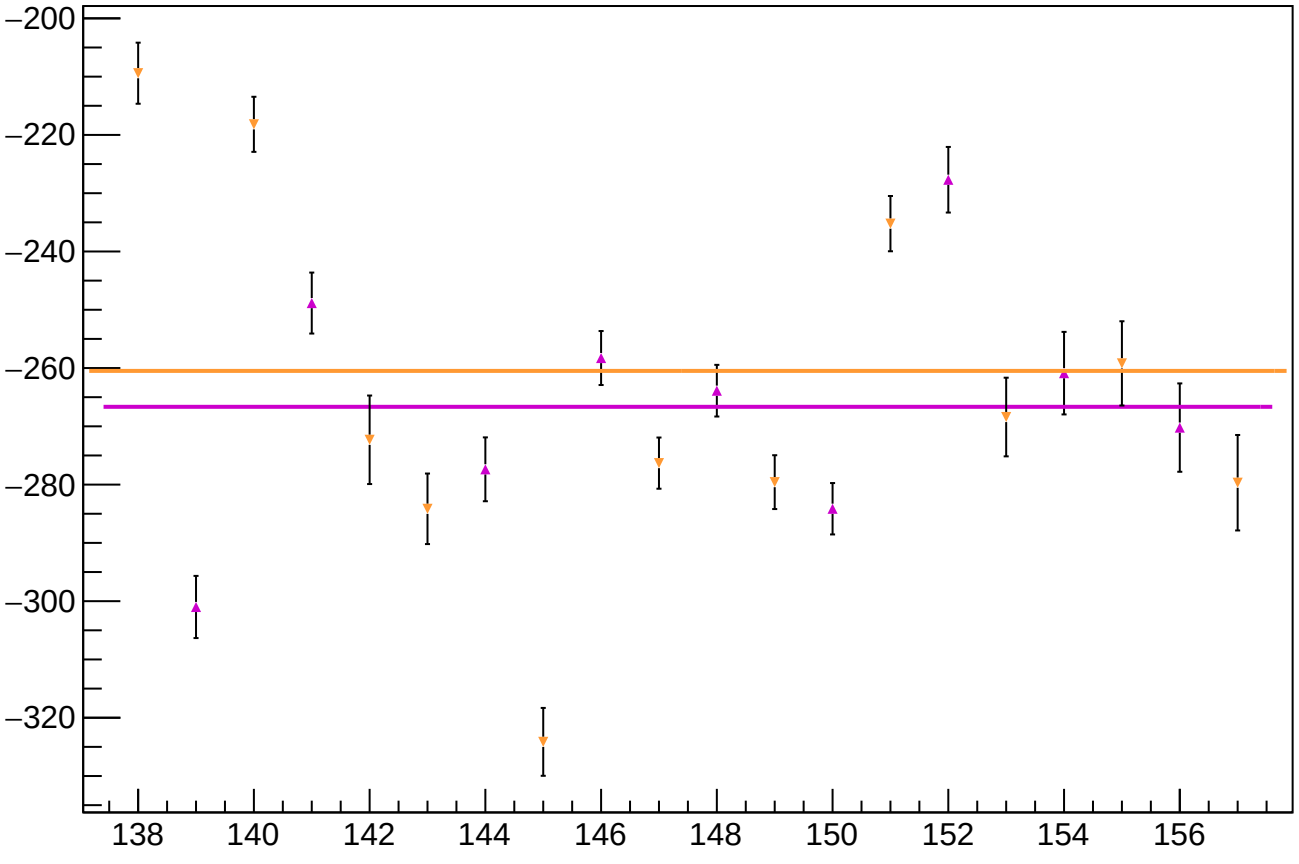
Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 122.851+/-0.049 χ^2/NDF:436336.0/25

Out: 106.886+/-0.045 χ^2/NDF:1003438.8/29

All: 114.311+/-0.033 χ^2/NDF: 1497051.6/55

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: -260.489+/-1.679 χ^2/NDF:377.8/10

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

Left In: -266.652+/-1.760 χ^2/NDF:125.0/8

Left: -263.426+/-1.215 χ^2/NDF: 509.2/19

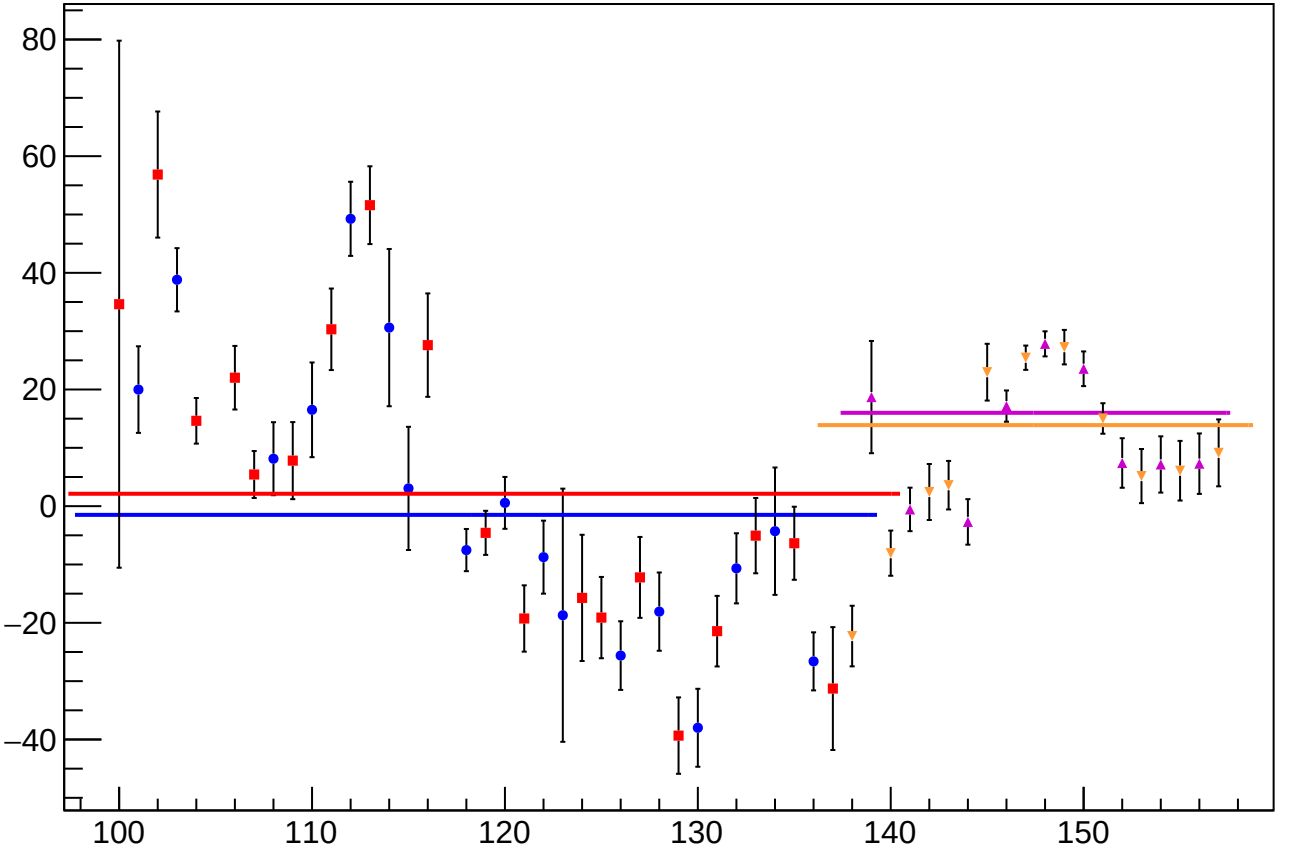
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -266.652+/-1.760 χ^2/NDF:125.0/8

Out: -260.489+/-1.679 χ^2/NDF:377.8/10

All: -263.426+/-1.215 χ^2/NDF: 509.2/19

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: 13.895+/-1.082 χ^2/NDF:153.9/10

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 16.003+/-1.152 χ^2/NDF:90.0/8

Left: 14.883+/-0.789 χ^2/NDF: 245.7/19

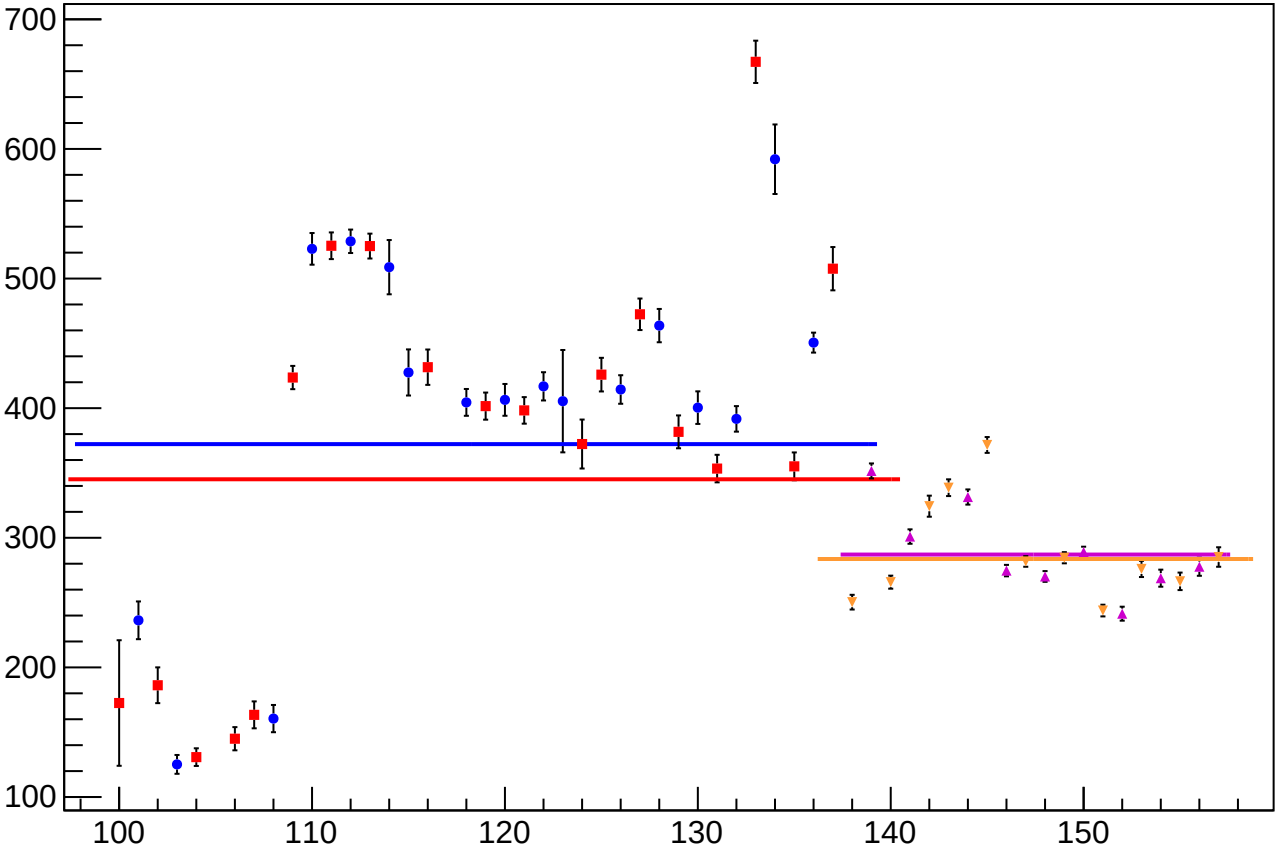
Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: 9.581+/-0.917 χ^2/NDF:400.7/25

Out: 9.503+/-0.857 χ^2/NDF:430.7/29

All: 9.539+/-0.626 χ^2/NDF: 831.4/55

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: 283.633+/-1.658 χ^2/NDF:437.9/10

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 287.059+/-1.722 χ^2/NDF:294.1/8

Left: 285.281+/-1.195 χ^2/NDF: 734.0/19

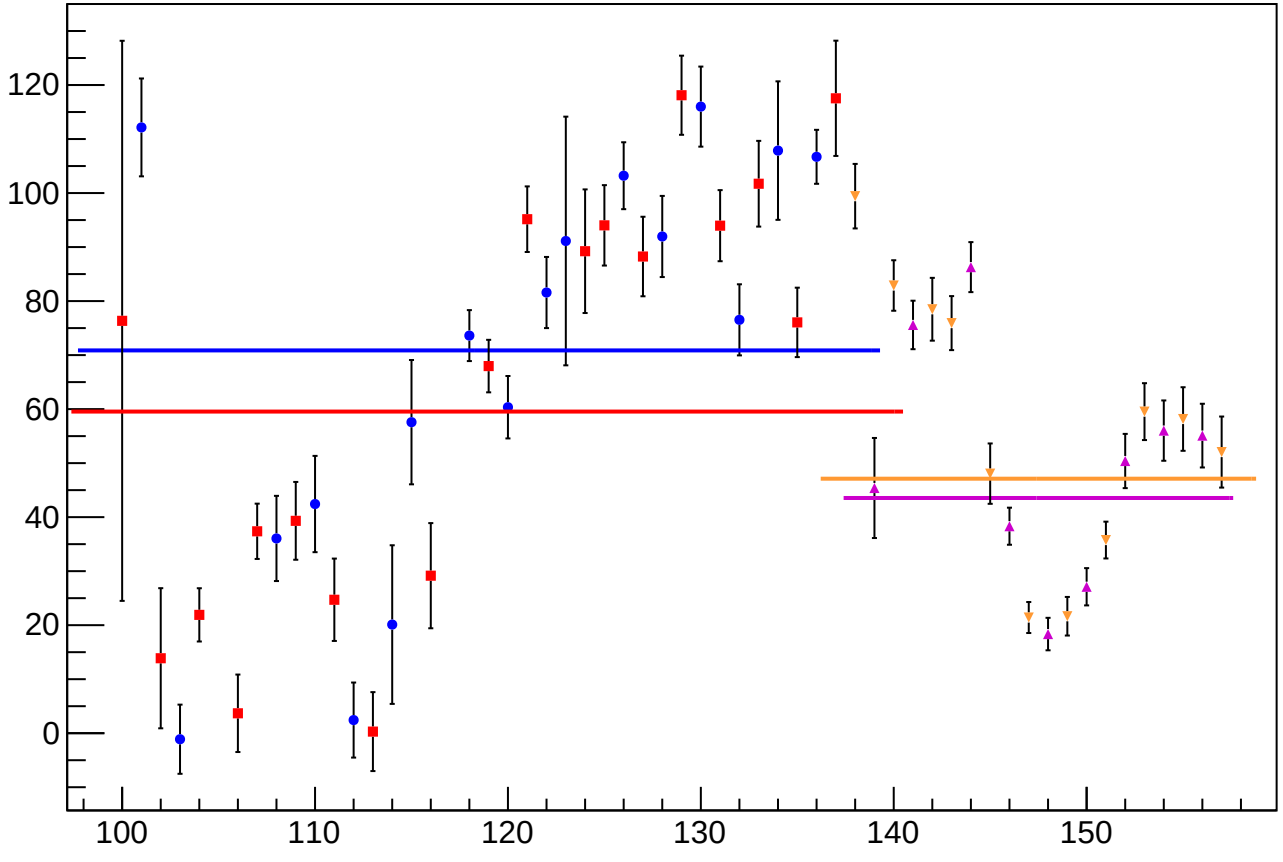
Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 310.948+/-1.461 χ^2/NDF:3413.3/25

Out: 301.791+/-1.392 χ^2/NDF:4260.5/29

All: 306.148+/-1.008 χ^2/NDF: 7694.3/55

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: 47.118+/-1.349 χ^2/NDF:349.3/10

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 43.546+/-1.432 χ^2/NDF:242.1/8

Left: 45.438+/-0.982 χ^2/NDF: 594.7/19

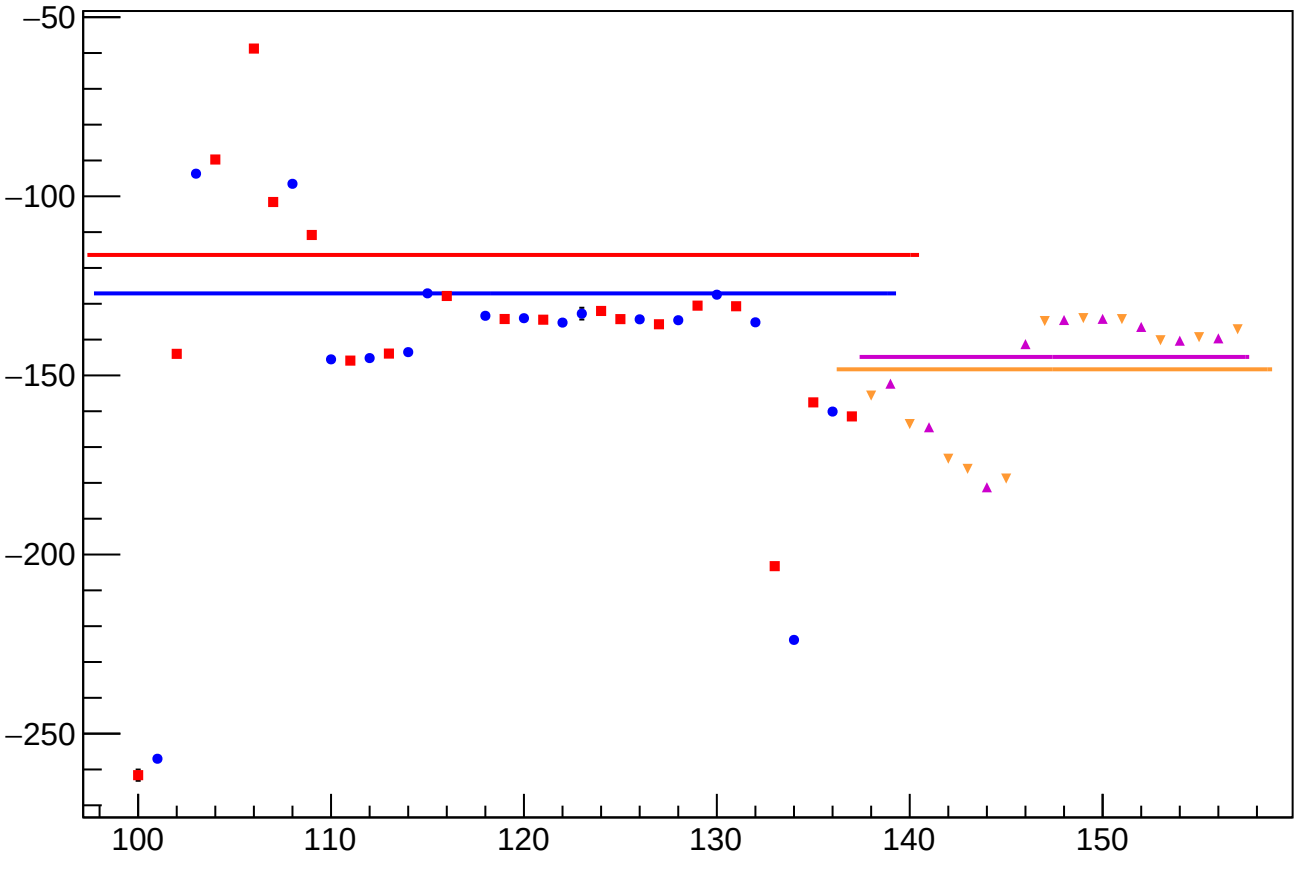
Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 54.553+/-1.106 χ^2/NDF:815.8/25

Out: 52.160+/-1.040 χ^2/NDF:874.6/29

All: 53.283+/-0.758 χ^2/NDF: 1692.9/55

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: -148.296+/-0.068 χ^2/NDF:59622.5/10

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -144.838+/-0.070 χ^2/NDF:38833.0/8

Left: -146.610+/-0.049 χ^2/NDF: 99717.0/19

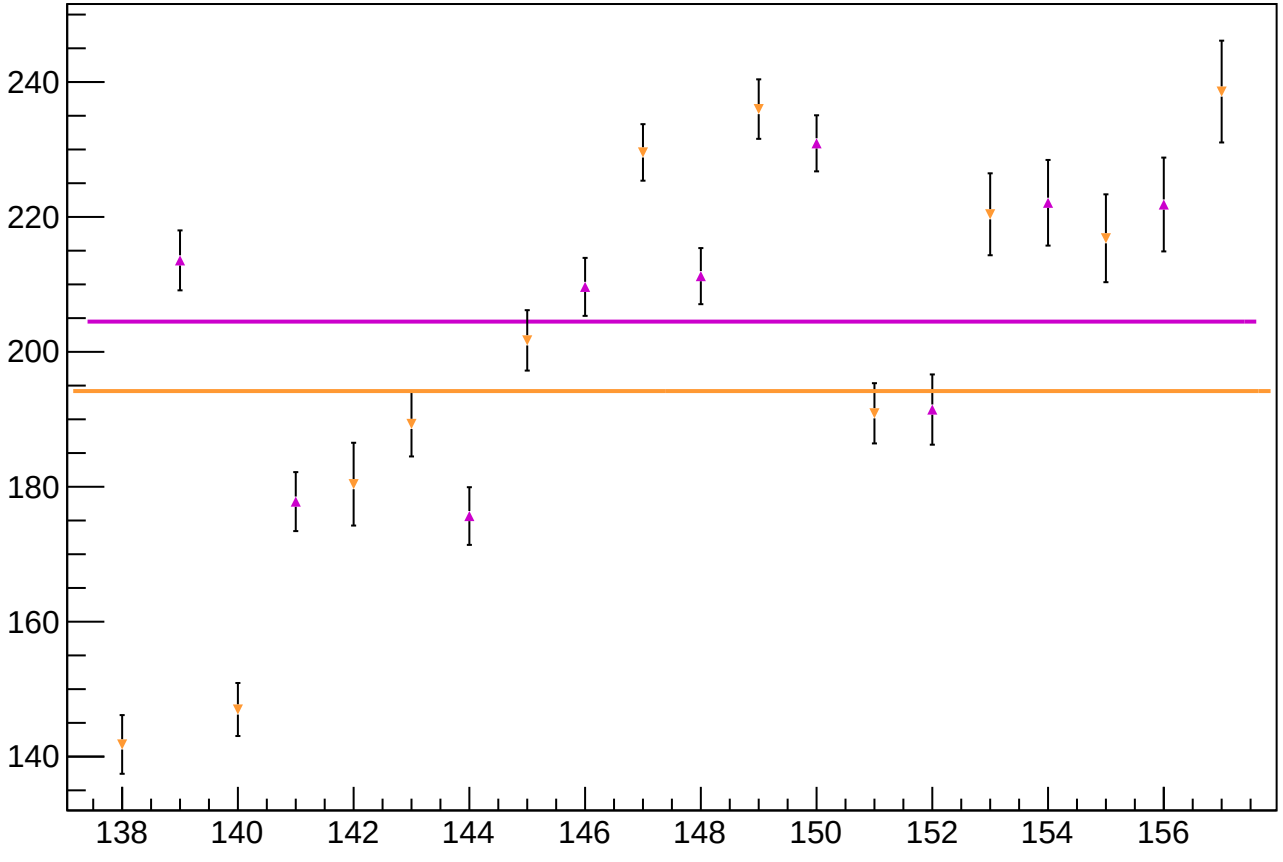
Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -138.139+/-0.055 χ^2/NDF:230363.8/25

Out: -135.464+/-0.053 χ^2/NDF:315877.1/29

All: -136.742+/-0.038 χ^2/NDF: 547478.4/55

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: 194.186+/-1.469 χ^2/NDF:525.0/10

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

Left In: 204.485+/-1.562 χ^2/NDF:151.5/8

Left: 199.019+/-1.070 χ^2/NDF: 699.6/19

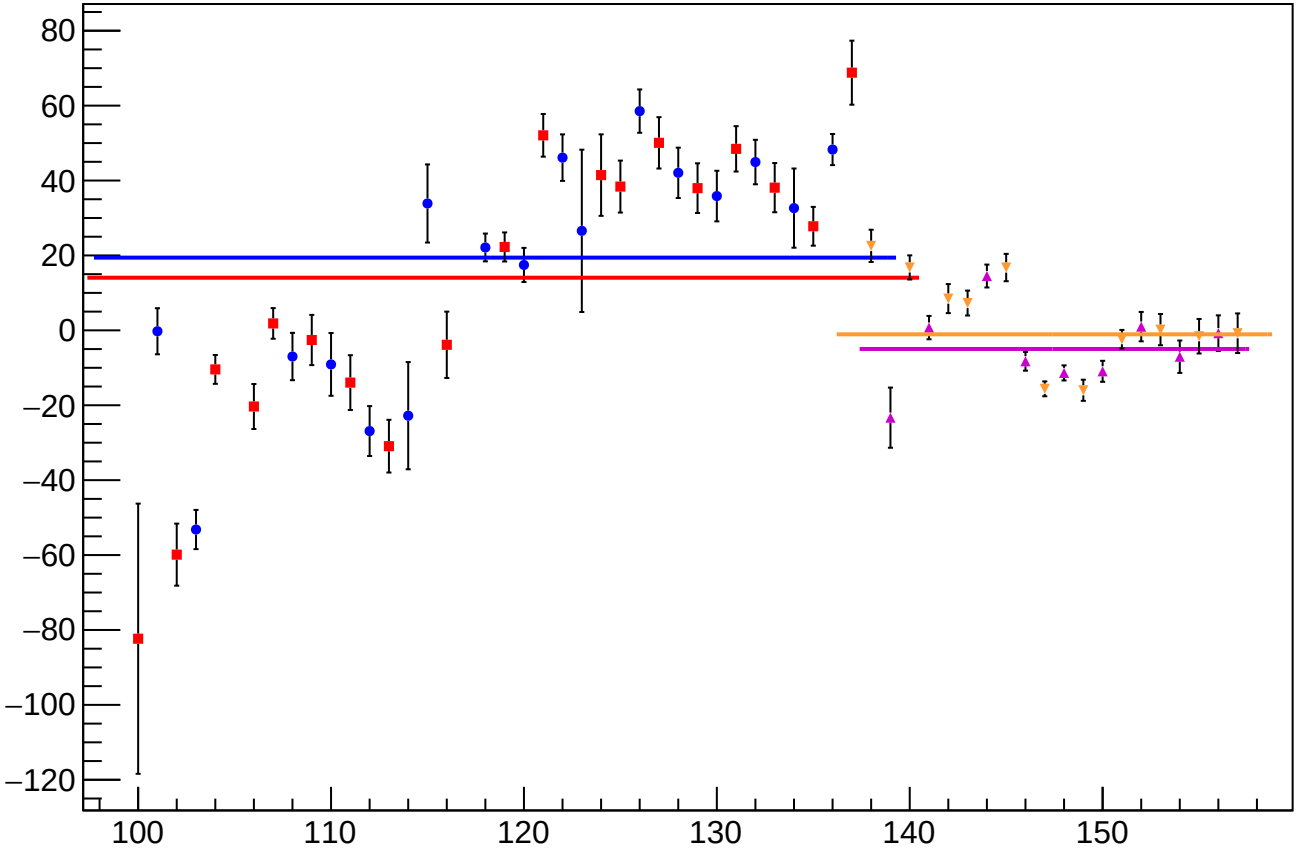
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 204.485+/-1.562 χ^2/NDF:151.5/8

Out: 194.186+/-1.469 χ^2/NDF:525.0/10

All: 199.019+/-1.070 χ^2/NDF: 699.6/19

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: -1.060+/-0.969 χ^2/NDF:179.1/10

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: -4.973+/-1.042 χ^2/NDF:68.8/8

Left: -2.875+/-0.710 χ^2/NDF: 255.5/19

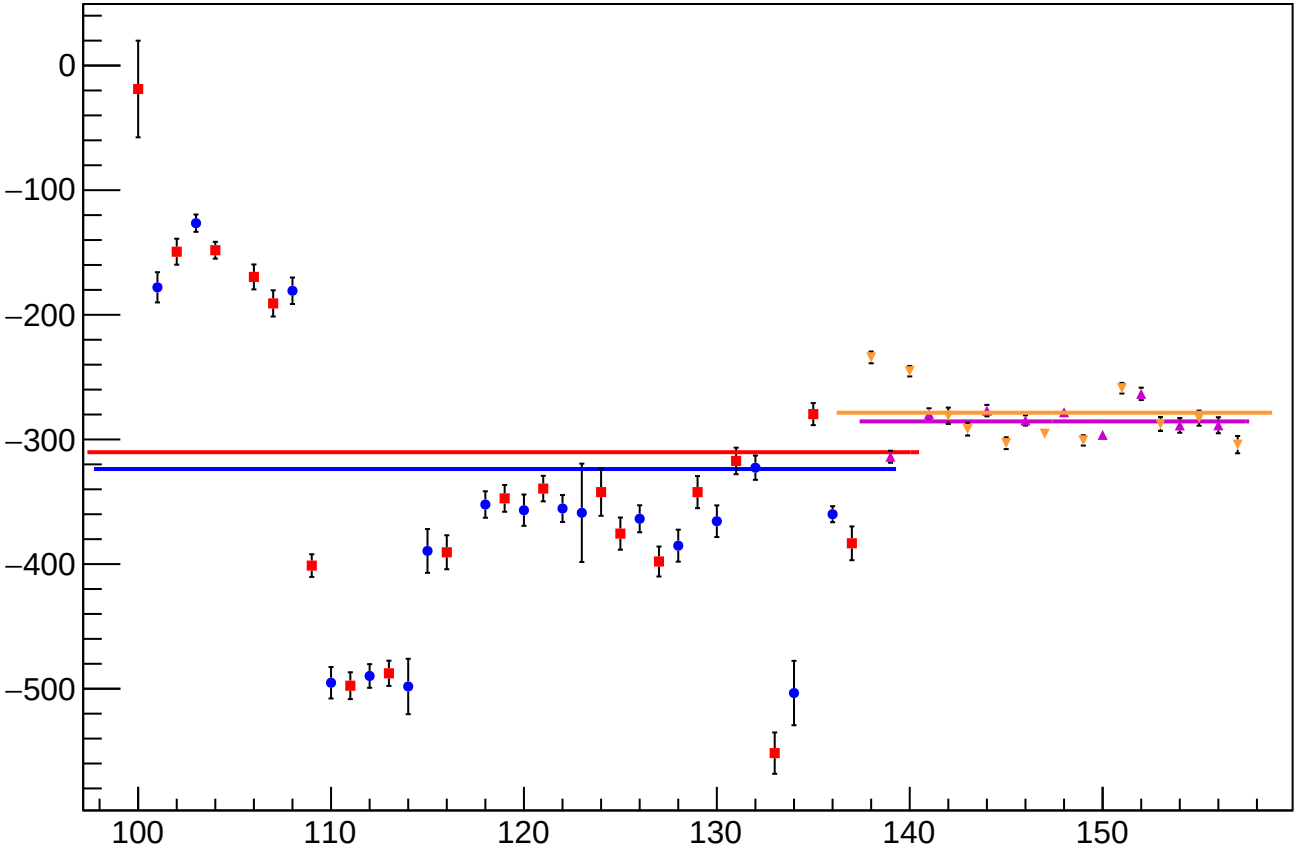
Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 3.113+/-0.852 χ^2/NDF:691.5/25

Out: 3.875+/-0.795 χ^2/NDF:695.1/29

All: 3.520+/-0.581 χ^2/NDF: 1387.0/55

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: -278.548+/-1.465 χ^2/NDF:270.7/10

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -285.524+/-1.540 χ^2/NDF:71.4/8

Left: -281.862+/-1.061 χ^2/NDF: 352.9/19

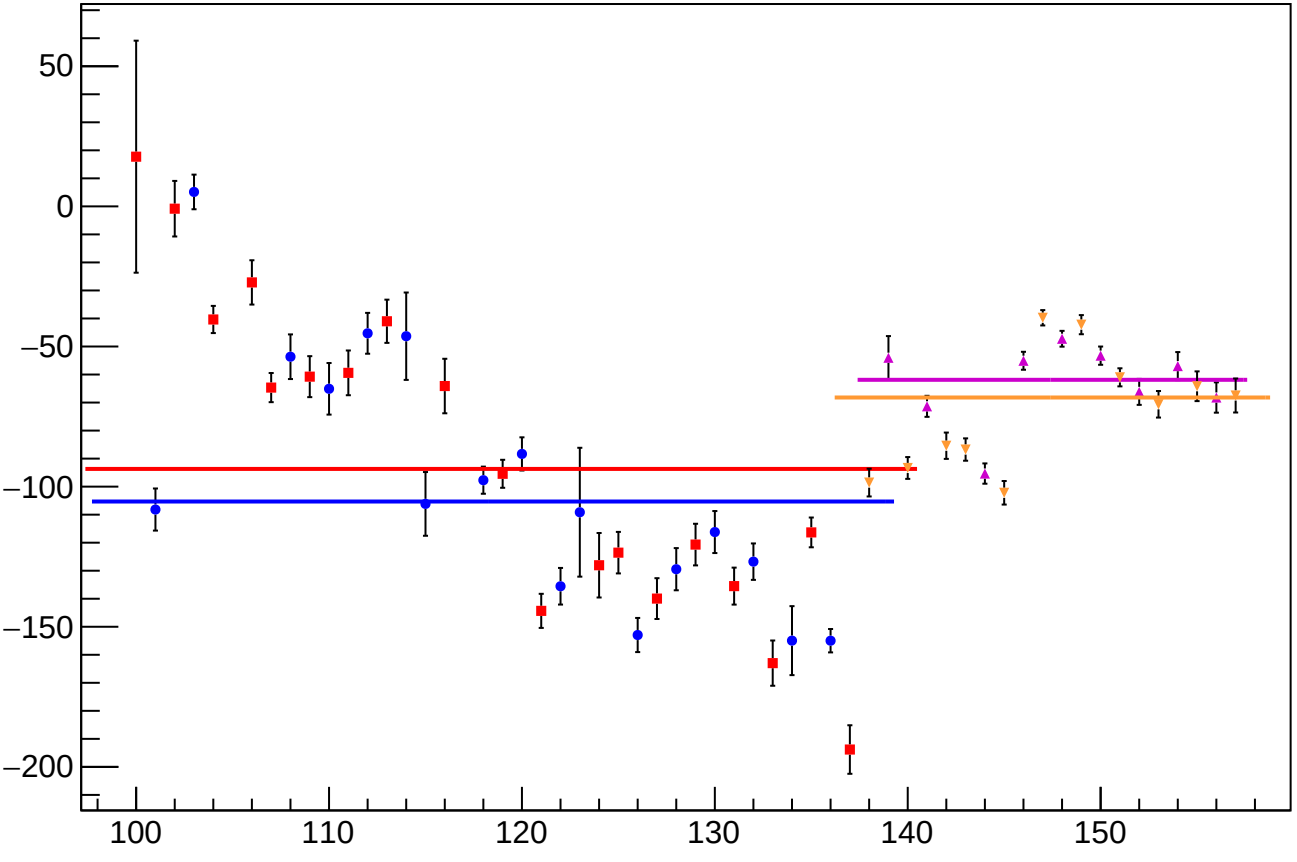
Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -295.071+/-1.334 χ^2/NDF:2075.9/25

Out: -286.535+/-1.267 χ^2/NDF:2688.5/29

All: -290.583+/-0.919 χ^2/NDF: 4786.0/55

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: -68.194+/-1.200 χ^2/NDF:351.7/10

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -61.883+/-1.289 χ^2/NDF:134.4/8

Left: -65.263+/-0.878 χ^2/NDF: 499.0/19

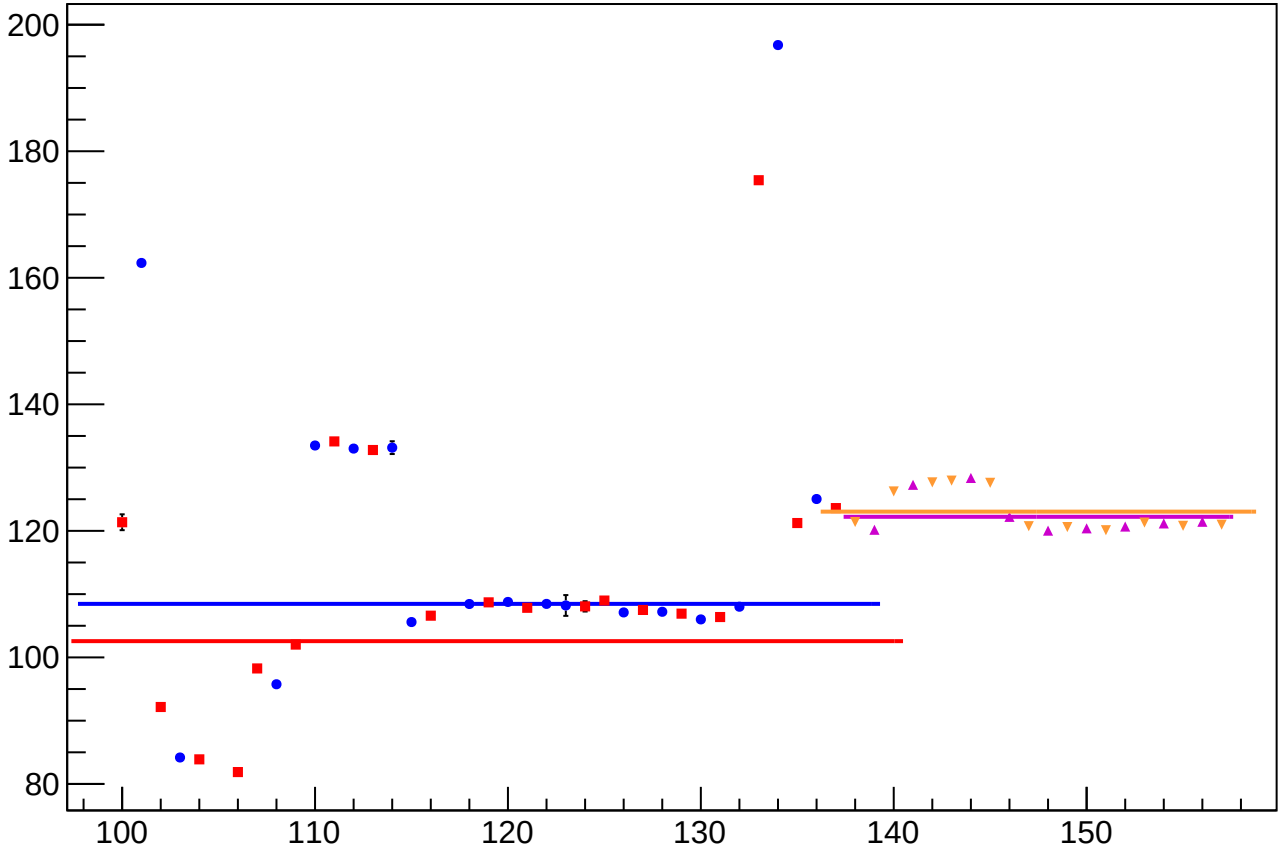
Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -77.809+/-1.025 χ^2/NDF:1288.4/25

Out: -77.285+/-0.963 χ^2/NDF:1339.1/29

All: -77.530+/-0.702 χ^2/NDF: 2627.7/55

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: 123.039+/-0.060 χ^2/NDF:2702.8/10

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 122.223+/-0.062 χ^2/NDF:2206.8/8

Left: 122.647+/-0.043 χ^2/NDF: 4999.2/19

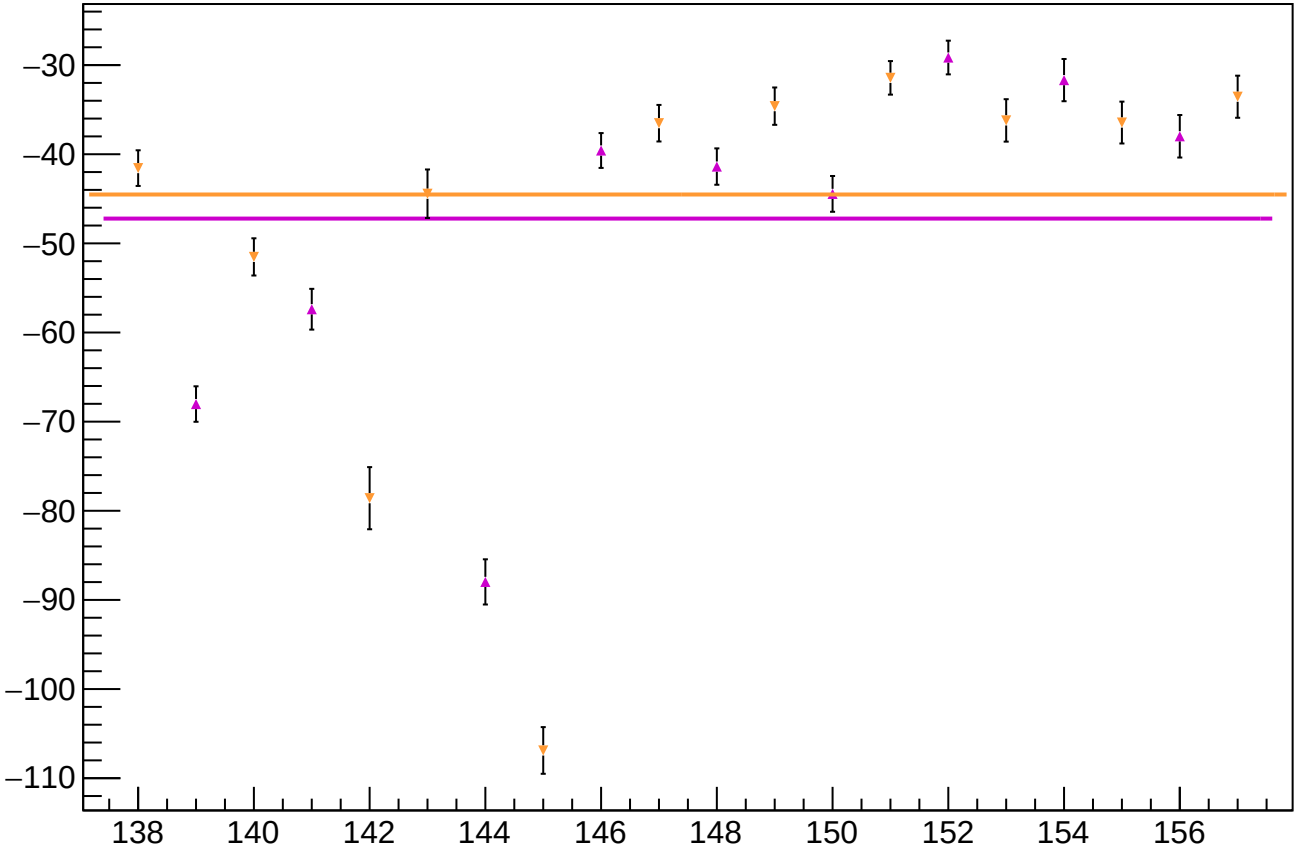
Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 117.407+/-0.050 χ^2/NDF:92663.5/25

Out: 115.641+/-0.048 χ^2/NDF:98223.5/29

All: 116.482+/-0.035 χ^2/NDF: 191537.4/55

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: -44.518+/-0.686 χ^2/NDF:807.6/10

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

Left In: -47.219+/-0.710 χ^2/NDF:562.2/8

Left: -45.821+/-0.493 χ^2/NDF: 1377.3/19

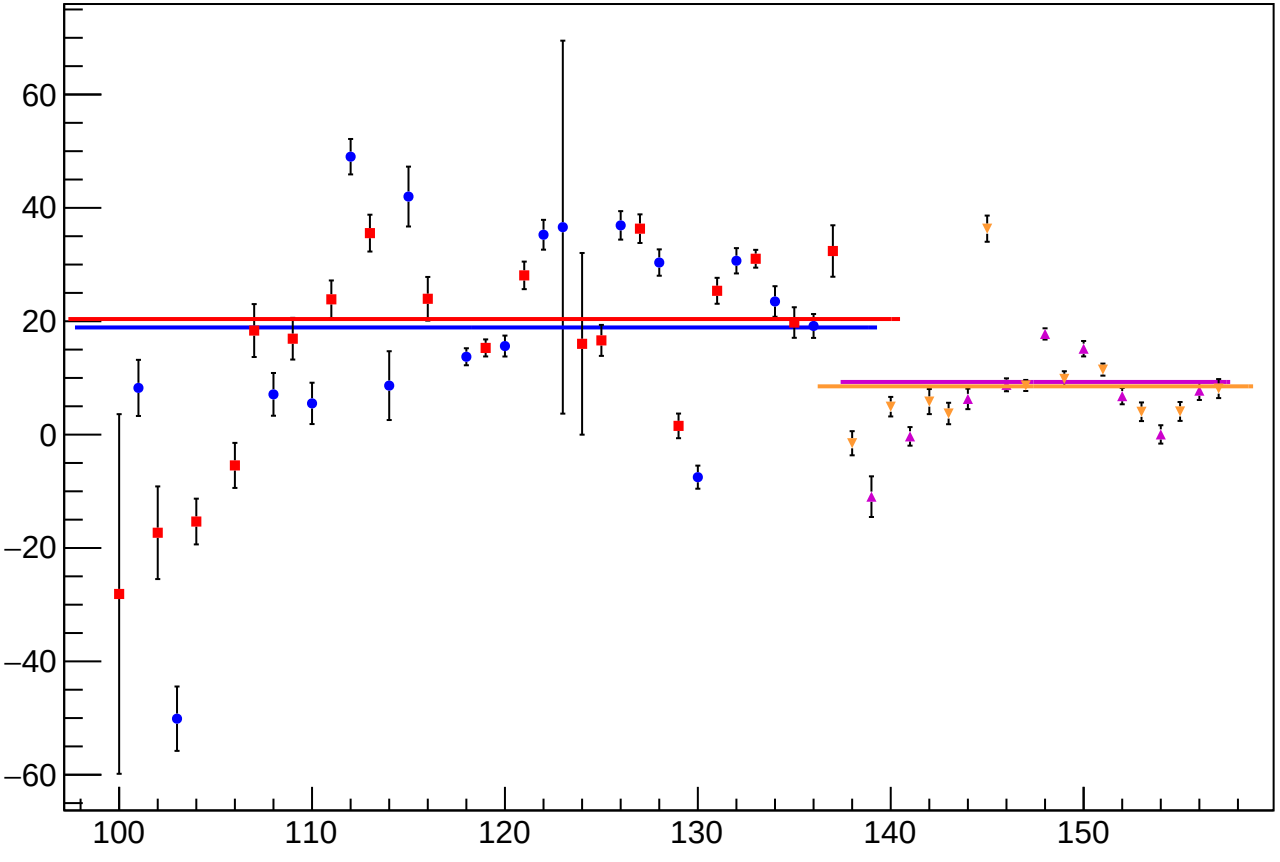
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -47.219+/-0.710 χ^2/NDF:562.2/8

Out: -44.518+/-0.686 χ^2/NDF:807.6/10

All: -45.821+/-0.493 χ^2/NDF: 1377.3/19

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: 8.517+/-0.456 χ^2/NDF:202.5/10

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 9.293+/-0.481 χ^2/NDF:197.1/8

Left: 8.885+/-0.331 χ^2/NDF: 401.0/19

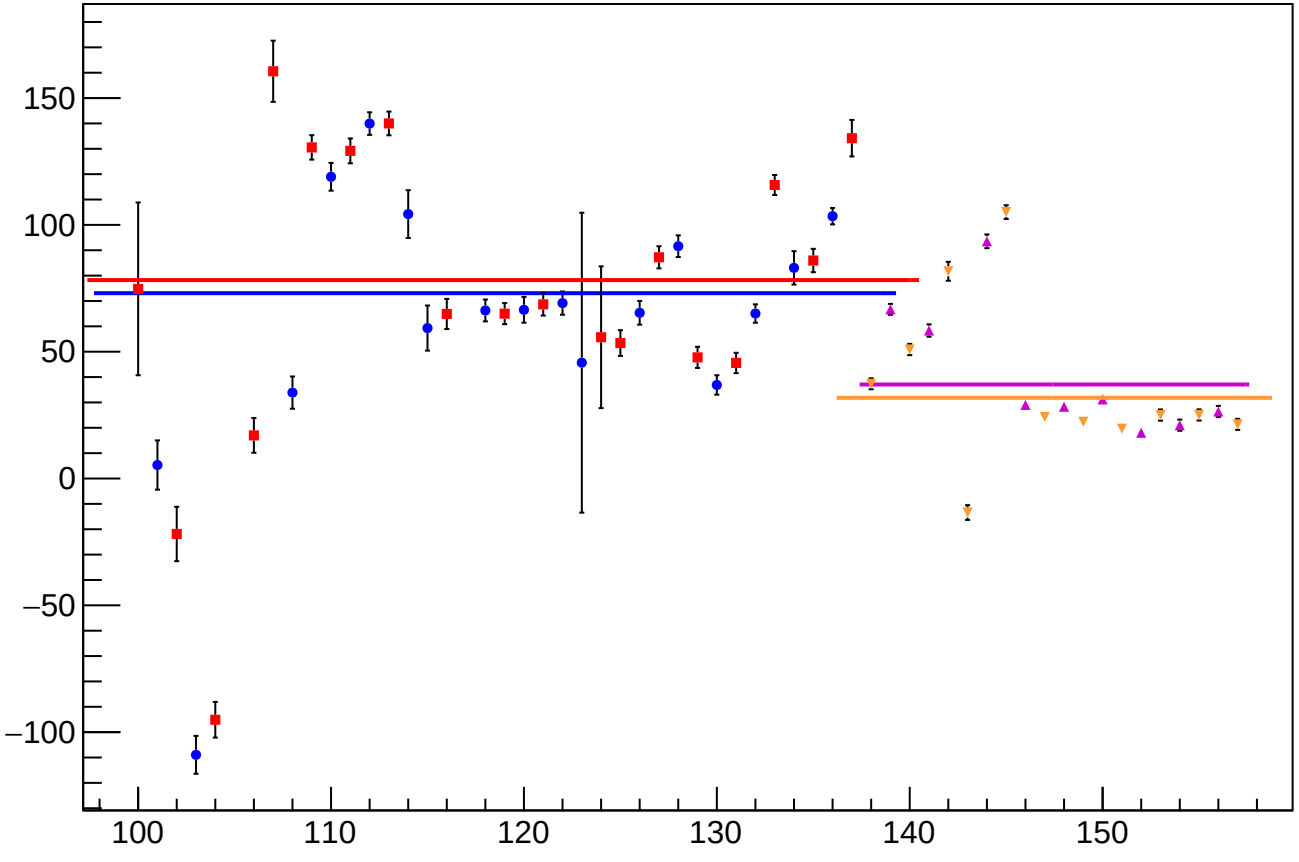
Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 12.740+/-0.385 χ^2/NDF:959.1/25

Out: 12.489+/-0.372 χ^2/NDF:794.1/29

All: 12.610+/-0.268 χ^2/NDF: 1753.5/55

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: 31.820+/-0.673 χ^2/NDF:1361.1/10

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 37.077+/-0.693 χ^2/NDF:935.3/8

Left: 34.370+/-0.483 χ^2/NDF: 2326.0/19

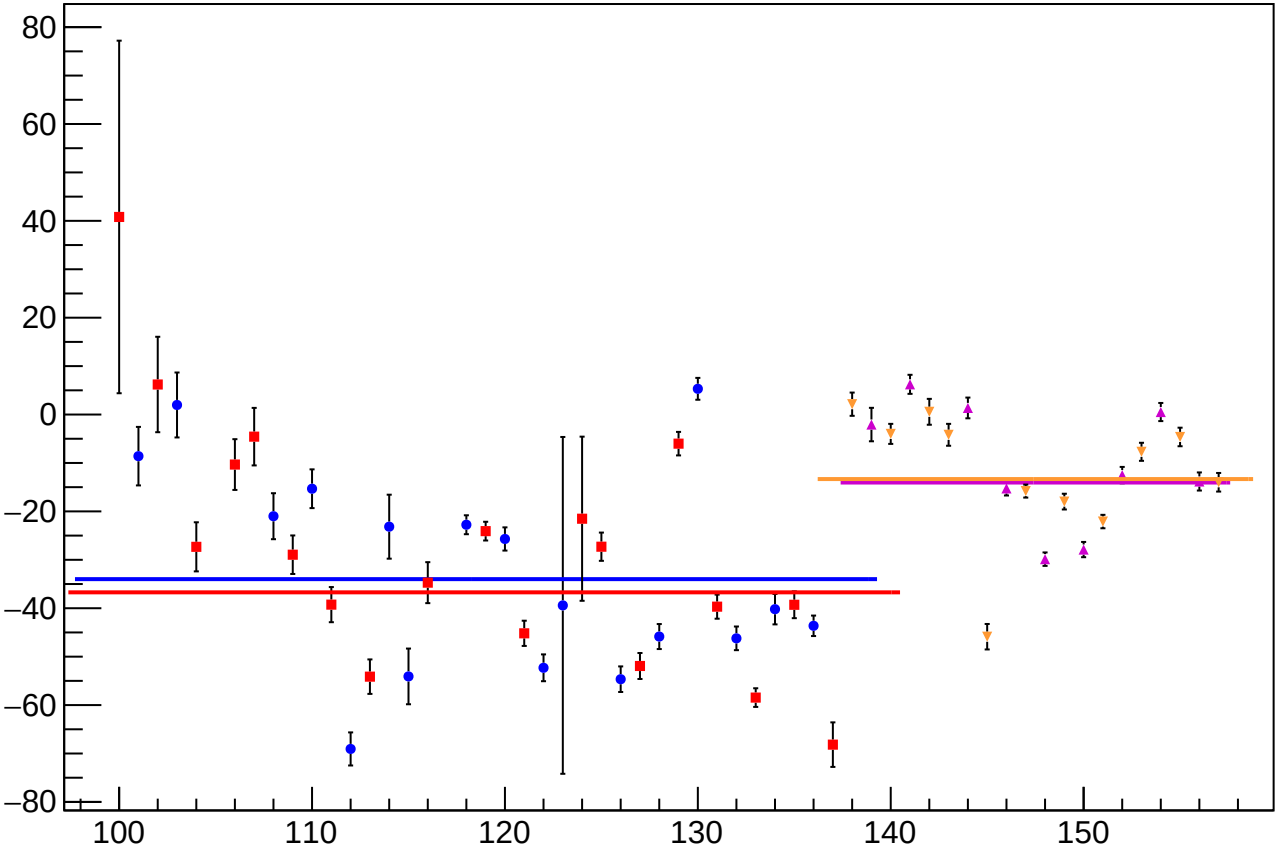
Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 45.783+/-0.604 χ^2/NDF:2786.8/25

Out: 42.616+/-0.590 χ^2/NDF:4010.2/29

All: 44.162+/-0.422 χ^2/NDF: 6811.1/55

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: -13.326+/-0.561 χ^2/NDF:339.7/10

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -14.041+/-0.590 χ^2/NDF:439.3/8

Left: -13.666+/-0.407 χ^2/NDF: 779.8/19

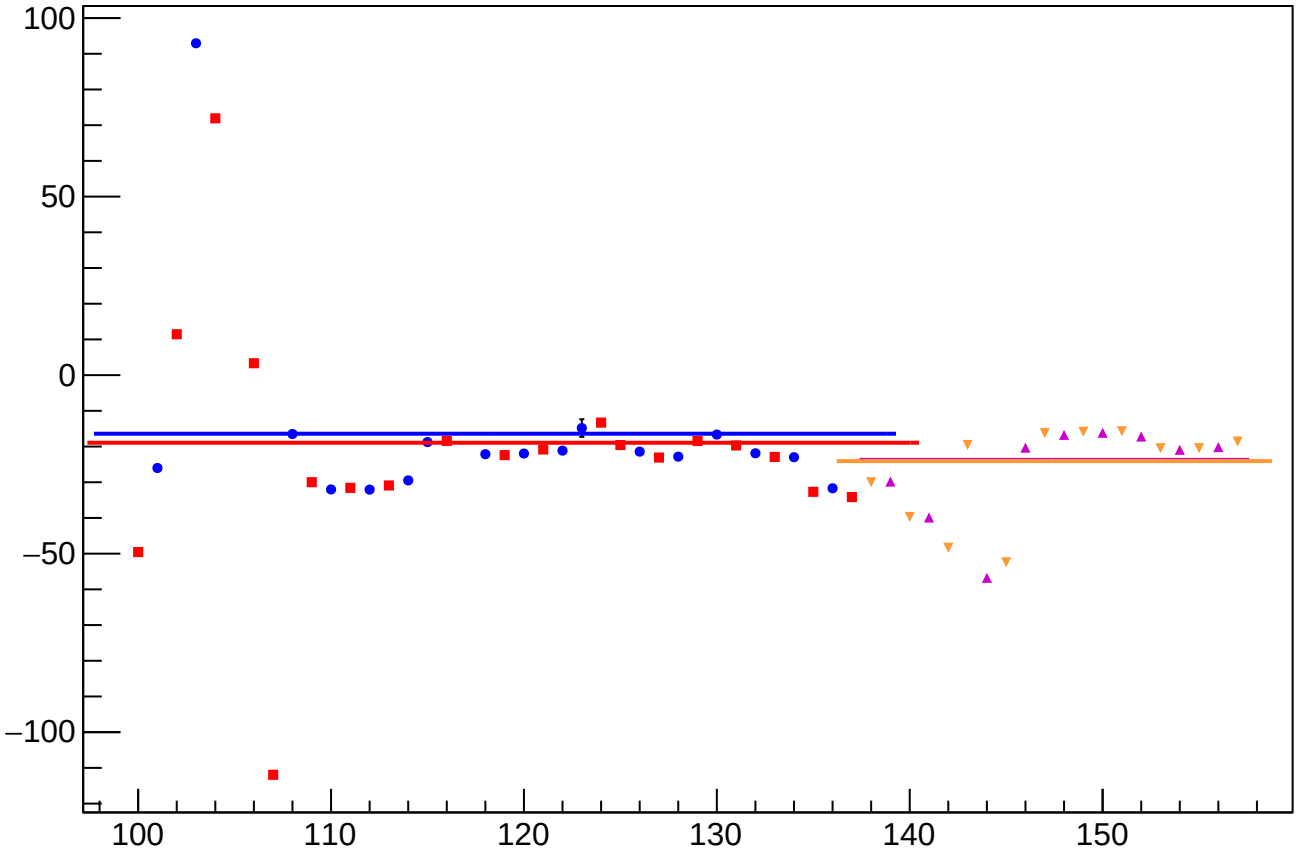
Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -21.844+/-0.460 χ^2/NDF:1606.1/25

Out: -21.920+/-0.447 χ^2/NDF:1520.4/29

All: -21.883+/-0.321 χ^2/NDF: 3126.5/55

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: -24.078+/-0.027 χ^2/NDF:167229.3/10

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -23.731+/-0.027 χ^2/NDF:140434.6/8

Left: -23.908+/-0.019 χ^2/NDF: 307746.1/19

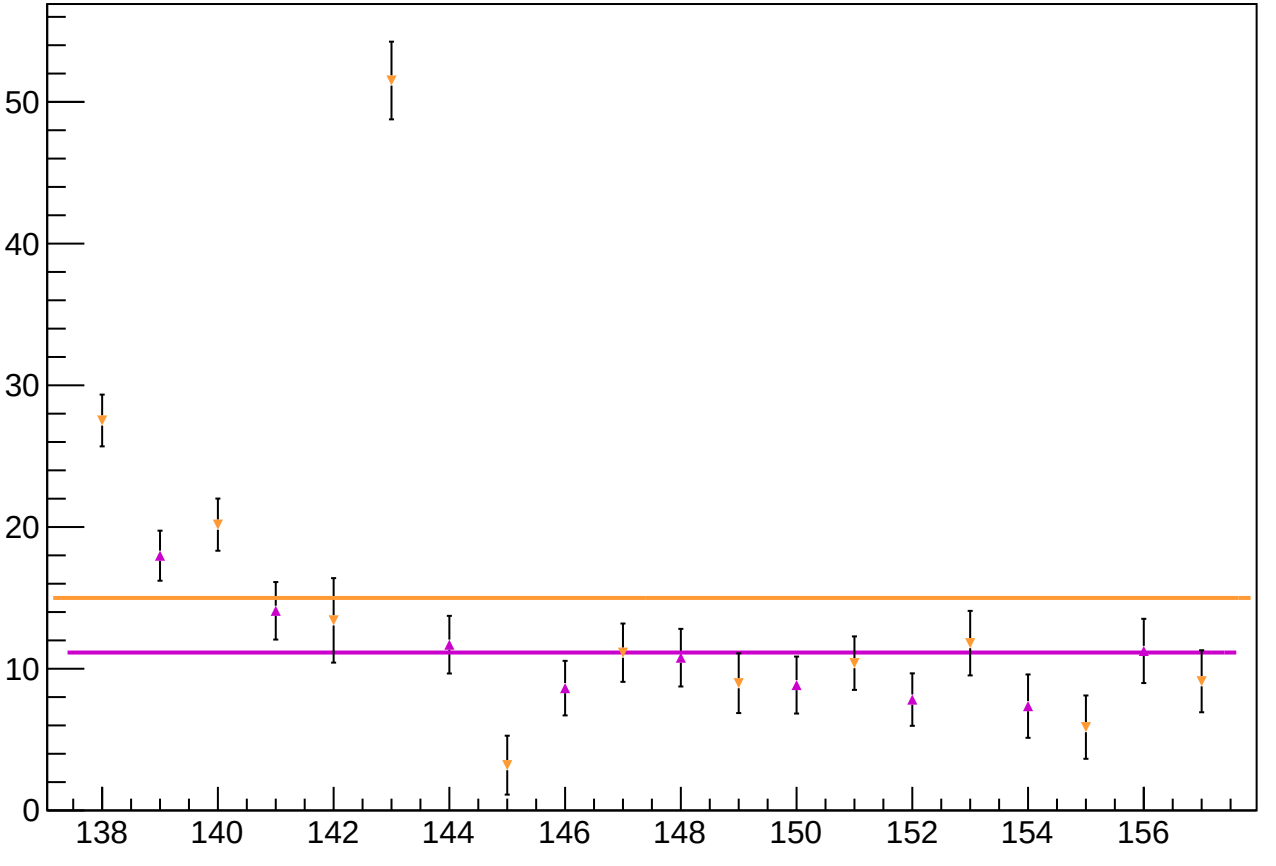
Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -21.714+/-0.023 χ^2/NDF:634495.3/25

Out: -22.748+/-0.023 χ^2/NDF:610966.1/29

All: -22.238+/-0.016 χ^2/NDF: 1246457.4/55

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: 14.997+/-0.643 χ^2/NDF:308.3/10

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

Left In: 11.144+/-0.667 χ^2/NDF:26.3/8

Left: 13.139+/-0.463 χ^2/NDF: 351.8/19

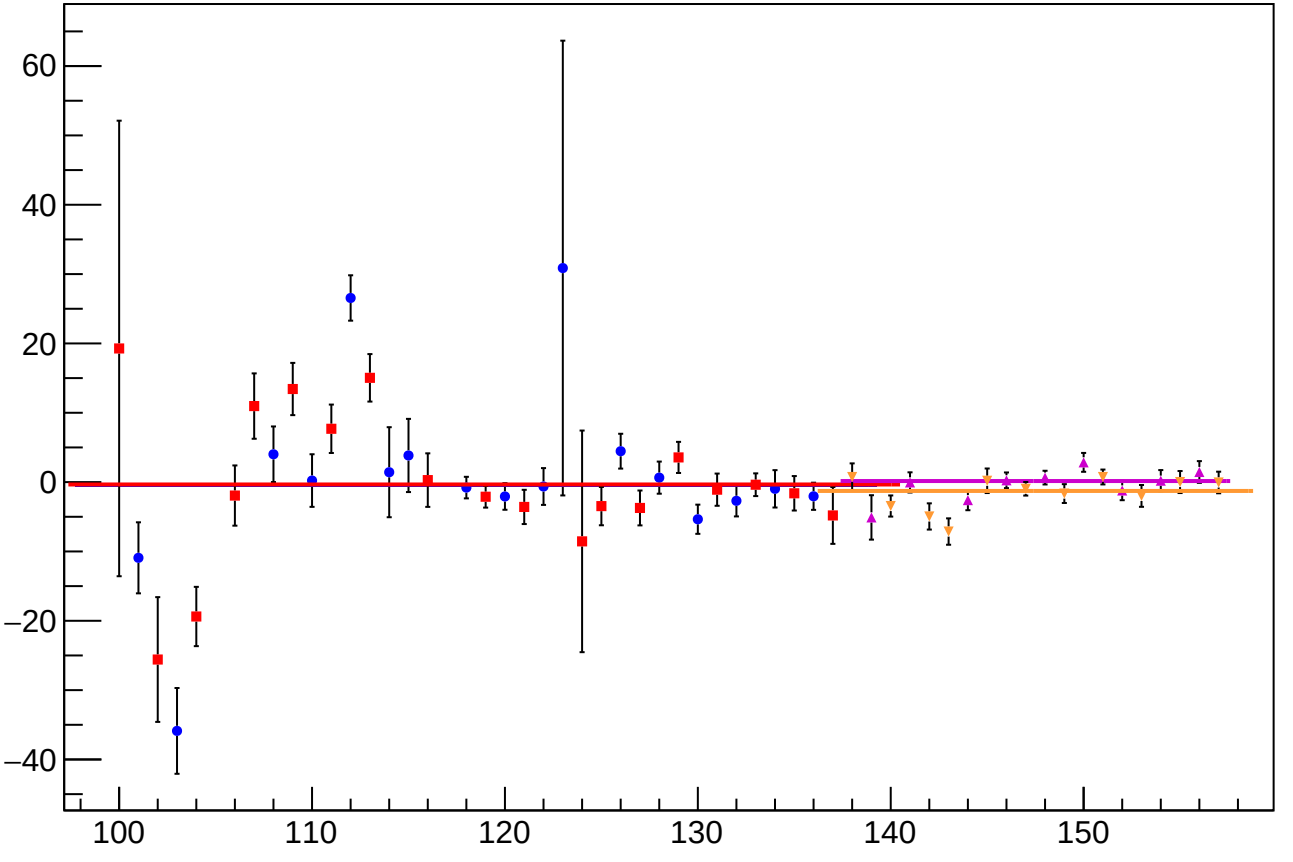
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.144+/-0.667 χ^2/NDF:26.3/8

Out: 14.997+/-0.643 χ^2/NDF:308.3/10

All: 13.139+/-0.463 χ^2/NDF: 351.8/19

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: -1.274+/-0.437 χ^2/NDF:22.2/10

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: 0.154+/-0.460 χ^2/NDF:12.1/8

Left: -0.596+/-0.317 χ^2/NDF: 39.3/19

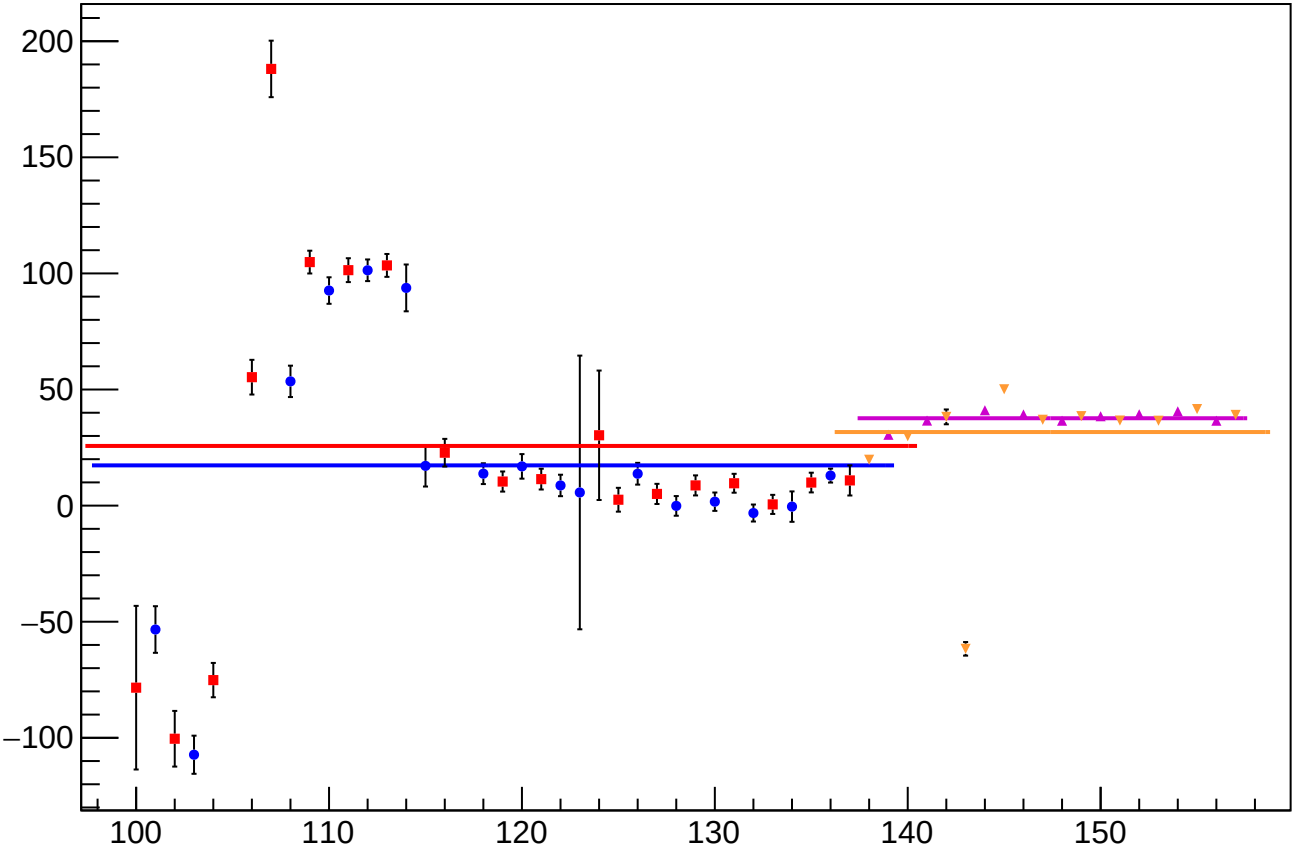
Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -0.034+/-0.376 χ^2/NDF:132.5/25

Out: -0.989+/-0.364 χ^2/NDF:107.3/29

All: -0.527+/-0.262 χ^2/NDF: 243.2/55

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: 31.690+/-0.636 χ^2/NDF:1199.0/10

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 37.629+/-0.655 χ^2/NDF:21.2/8

Left: 34.569+/-0.456 χ^2/NDF: 1262.5/19

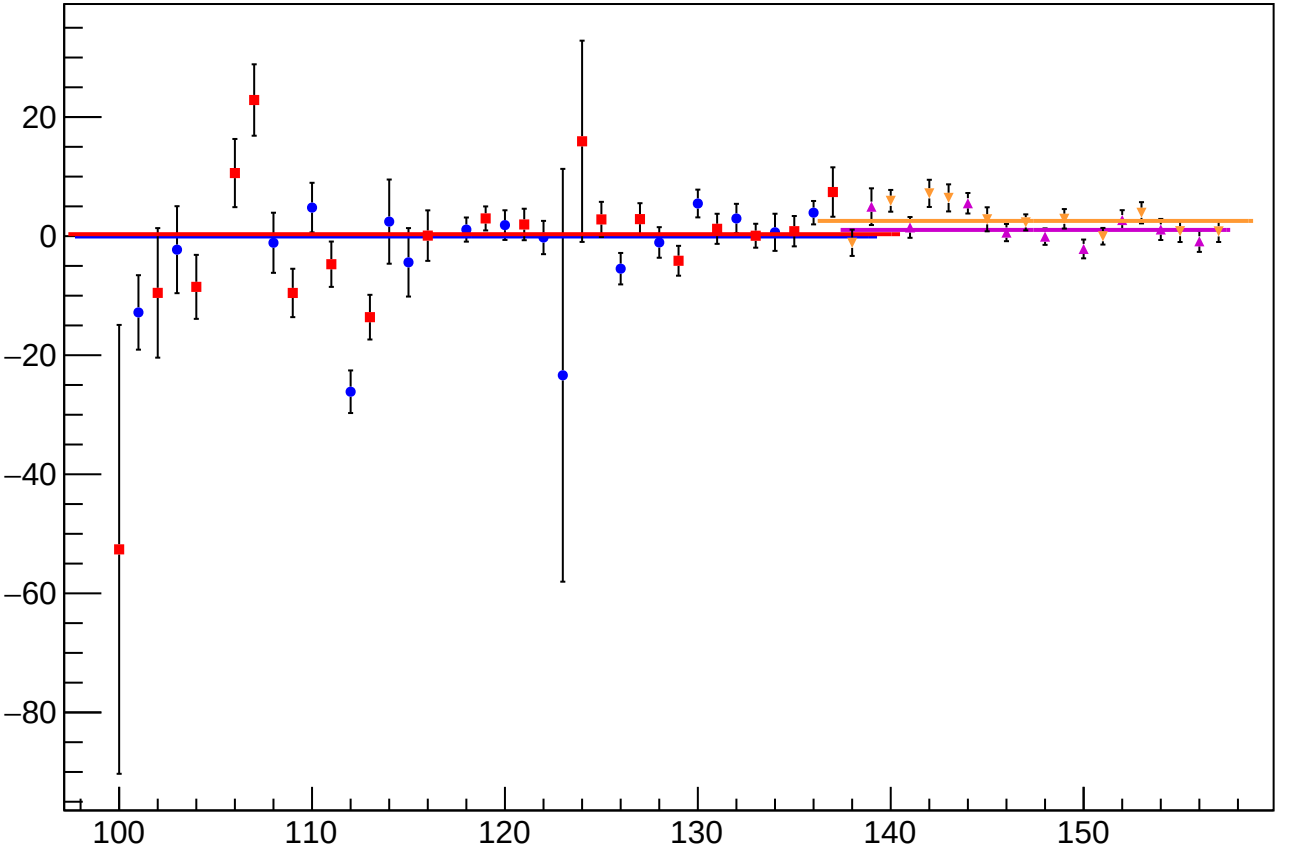
Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 33.190+/-0.579 χ^2/NDF:1174.2/25

Out: 30.448+/-0.566 χ^2/NDF:2596.6/29

All: 31.787+/-0.405 χ^2/NDF: 3782.2/55

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: 2.556+/-0.534 χ^2/NDF:19.1/10

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 1.044+/-0.561 χ^2/NDF:15.5/8

Left: 1.837+/-0.387 χ^2/NDF: 38.4/19

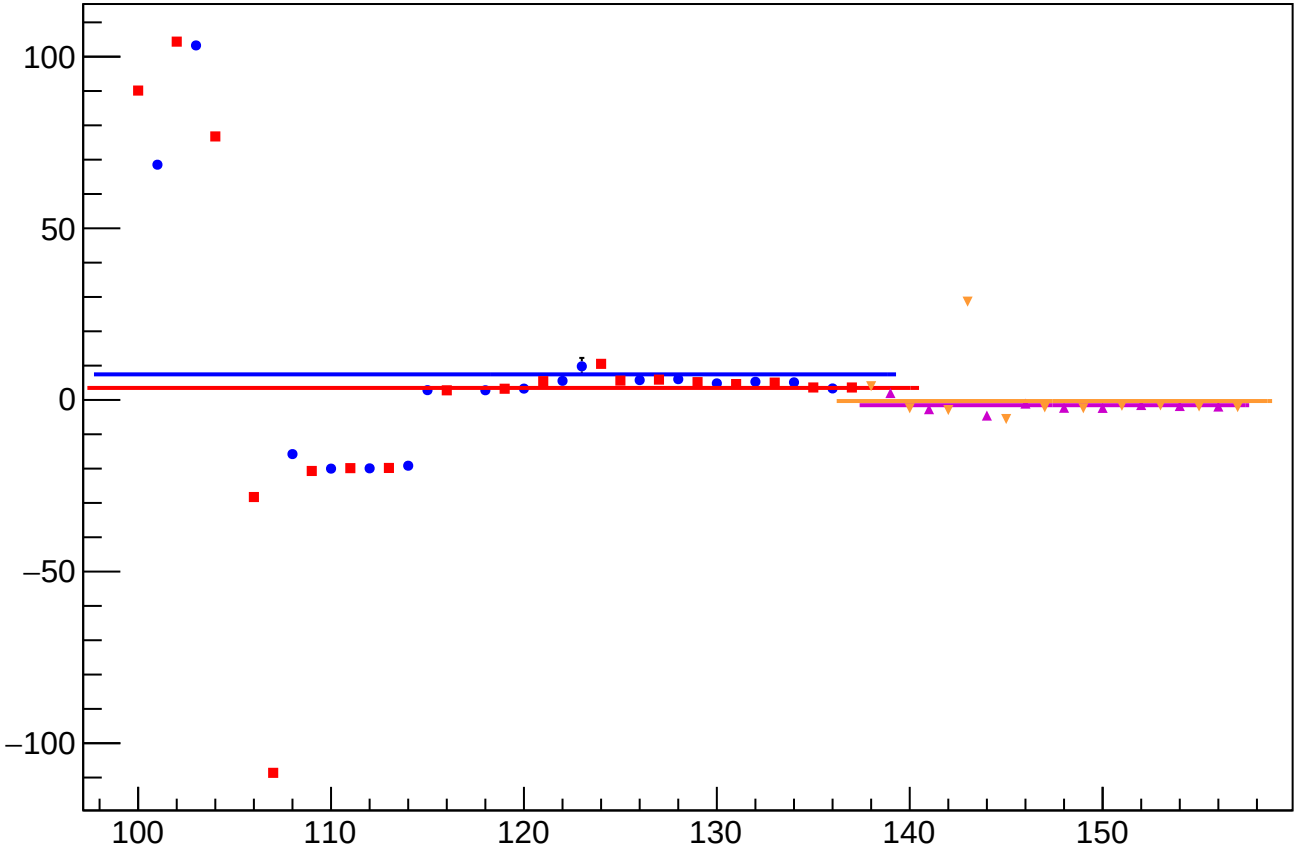
Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 0.644+/-0.448 χ^2/NDF:93.4/25

Out: 1.804+/-0.435 χ^2/NDF:80.1/29

All: 1.241+/-0.312 χ^2/NDF: 177.0/55

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: -0.316+/-0.025 χ^2/NDF:71883.7/10

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -1.532+/-0.026 χ^2/NDF:4187.9/8

Left: -0.907+/-0.018 χ^2/NDF: 77212.2/19

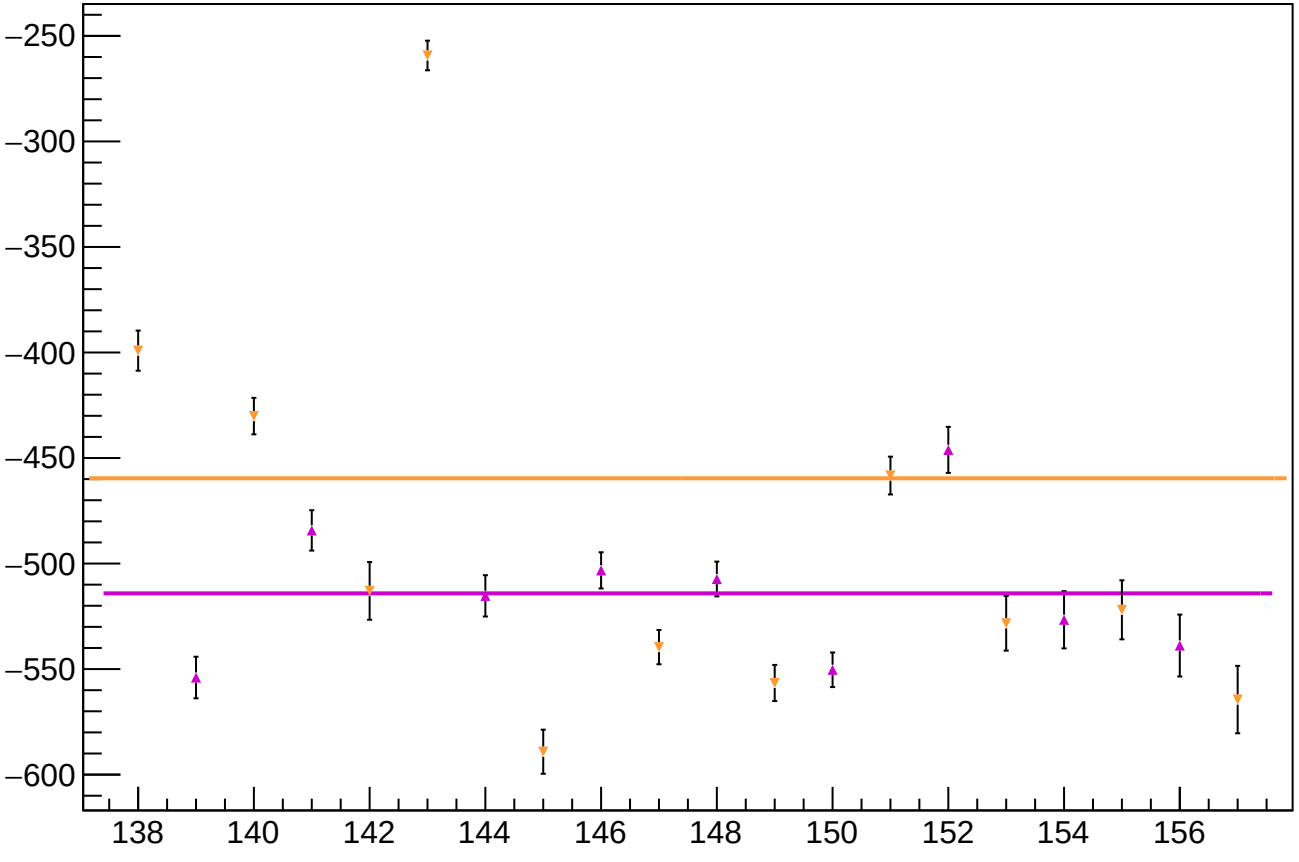
Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 0.736+/-0.022 χ^2/NDF:390836.5/25

Out: 0.573+/-0.022 χ^2/NDF:587854.4/29

All: 0.653+/-0.016 χ^2/NDF: 978717.8/55

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: -459.604+/-2.942 χ^2/NDF:1352.0/10

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

Left In: -514.125+/-3.272 χ^2/NDF:90.5/8

Left: -483.975+/-2.188 χ^2/NDF: 1596.0/19

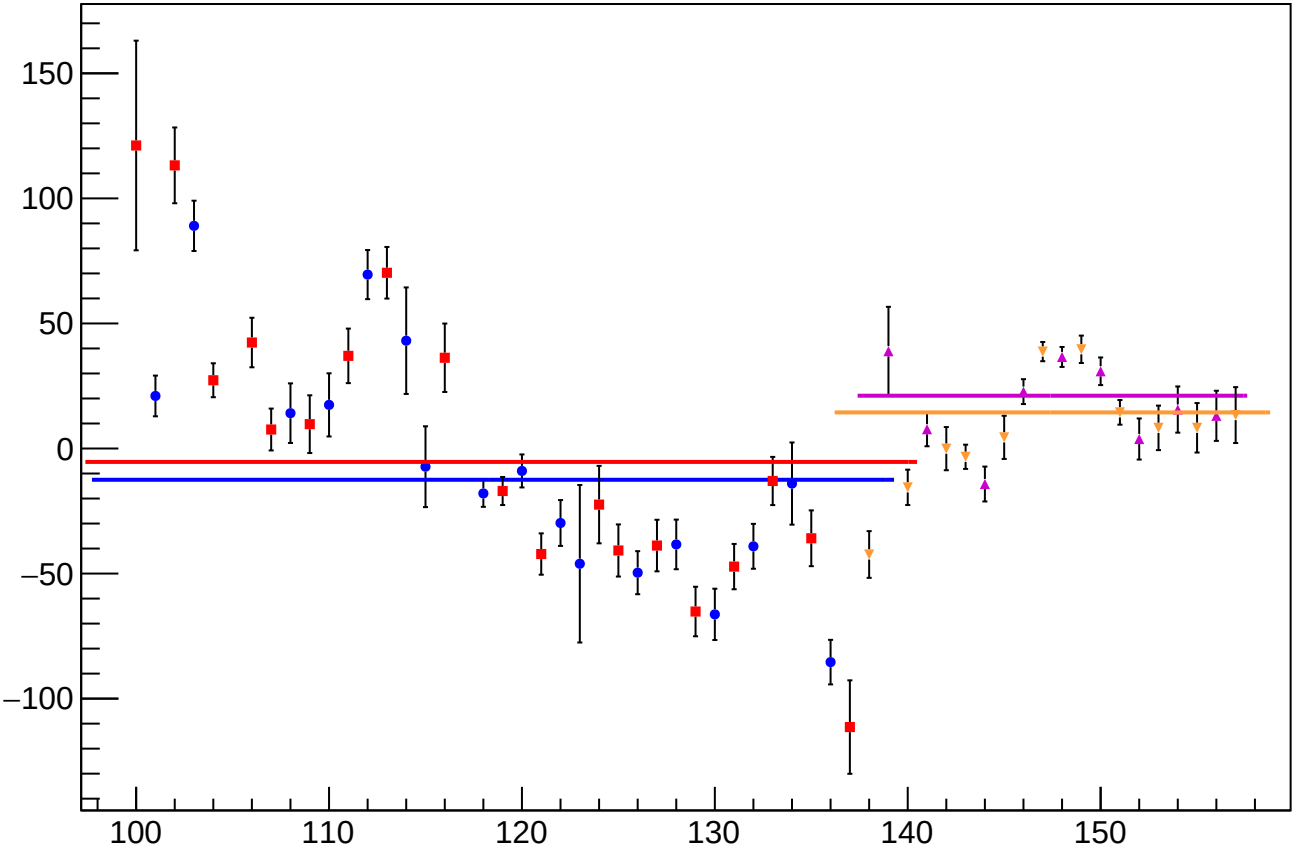
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -514.125+/-3.272 χ^2/NDF:90.5/8

Out: -459.604+/-2.942 χ^2/NDF:1352.0/10

All: -483.975+/-2.188 χ^2/NDF: 1596.0/19

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: 14.431+/-1.910 χ^2/NDF:134.6/10

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 21.109+/-2.143 χ^2/NDF:54.3/8

Left: 17.388+/-1.426 χ^2/NDF: 194.3/19

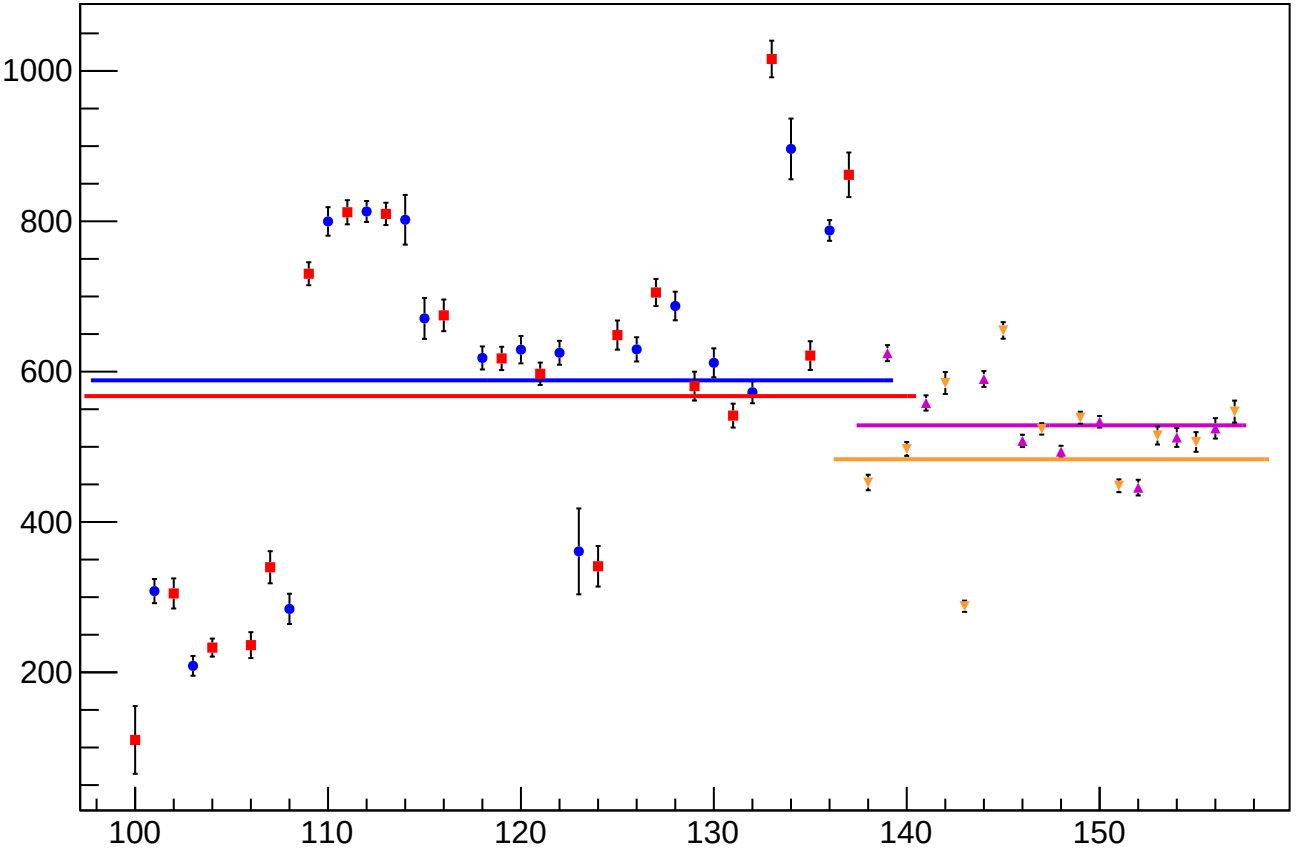
Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: 5.570+/-1.571 χ^2/NDF:509.0/25

Out: 6.200+/-1.460 χ^2/NDF:523.8/29

All: 5.908+/-1.070 χ^2/NDF: 1032.9/55

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: 483.434+/-2.934 χ^2/NDF:1104.4/10

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 528.563+/-3.208 χ^2/NDF:216.1/8

Left: 503.988+/-2.165 χ^2/NDF: 1428.3/19

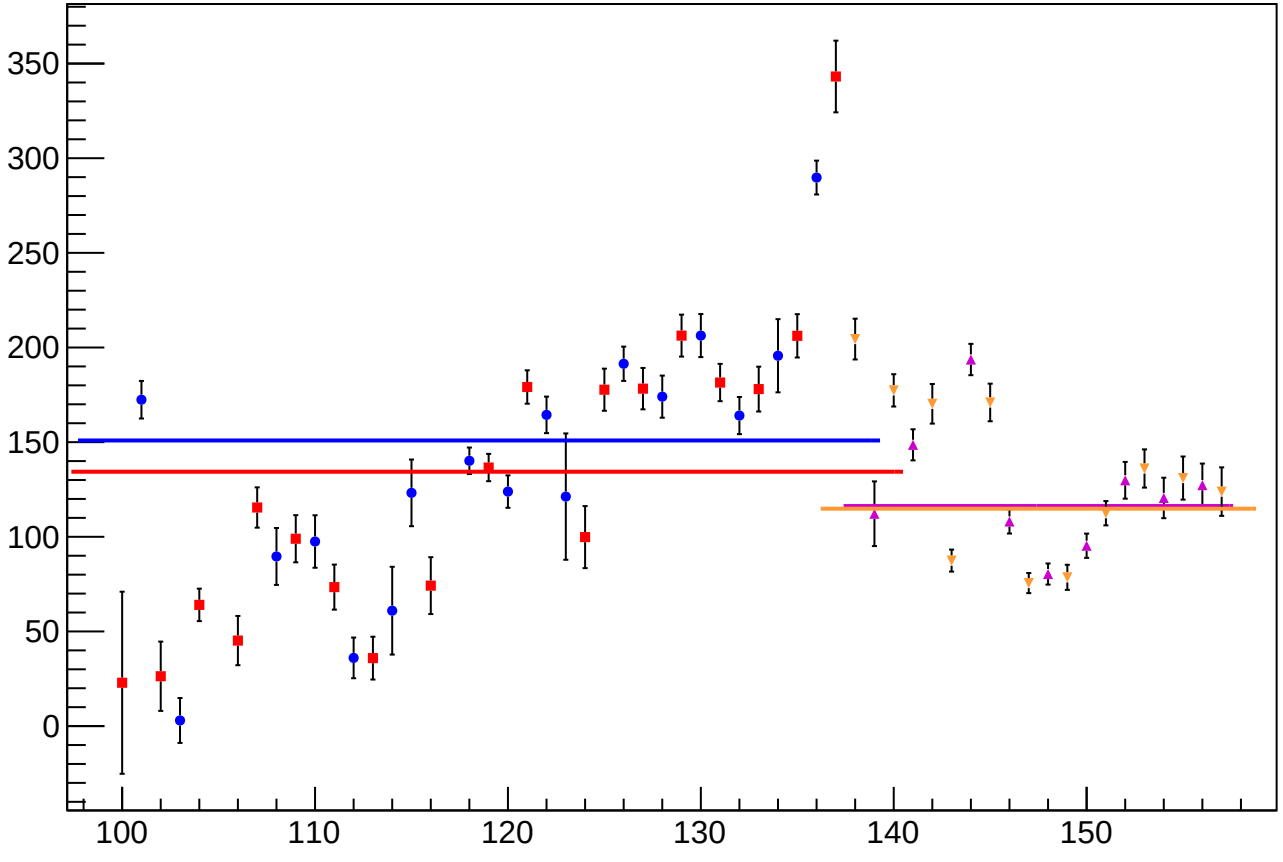
Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 549.839+/-2.576 χ^2/NDF:2470.0/25

Out: 511.555+/-2.393 χ^2/NDF:4163.6/29

All: 529.293+/-1.753 χ^2/NDF: 6752.2/55

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: 114.851+/-2.373 χ^2/NDF:297.1/10

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 116.245+/-2.663 χ^2/NDF:159.9/8

Left: 115.468+/-1.772 χ^2/NDF: 457.1/19

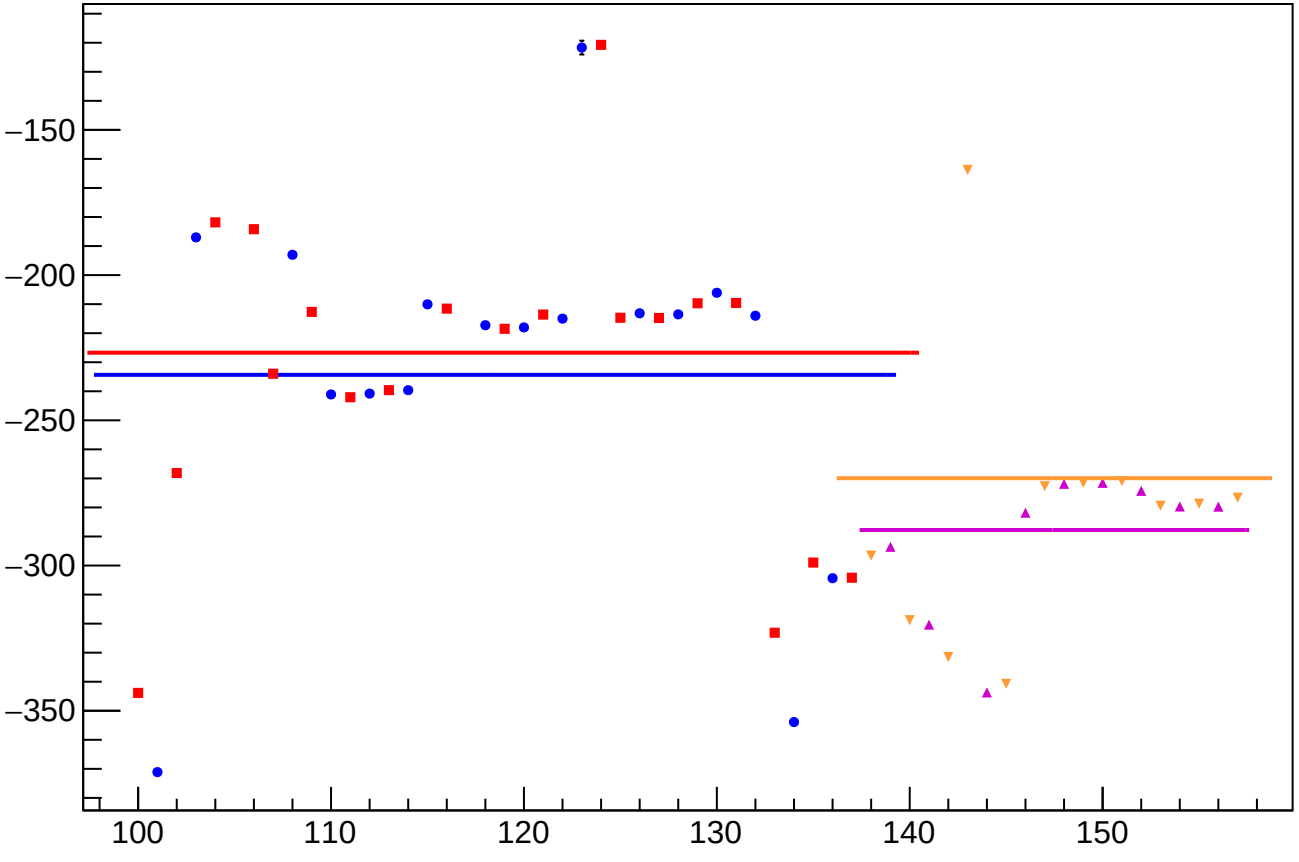
Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 133.500+/-1.887 χ^2/NDF:879.0/25

Out: 123.655+/-1.759 χ^2/NDF:912.5/29

All: 128.232+/-1.287 χ^2/NDF: 1806.0/55

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: -269.924+/-0.120 χ^2/NDF:182237.6/10

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -287.754+/-0.130 χ^2/NDF:28143.8/8

Left: -278.145+/-0.088 χ^2/NDF: 220504.4/19

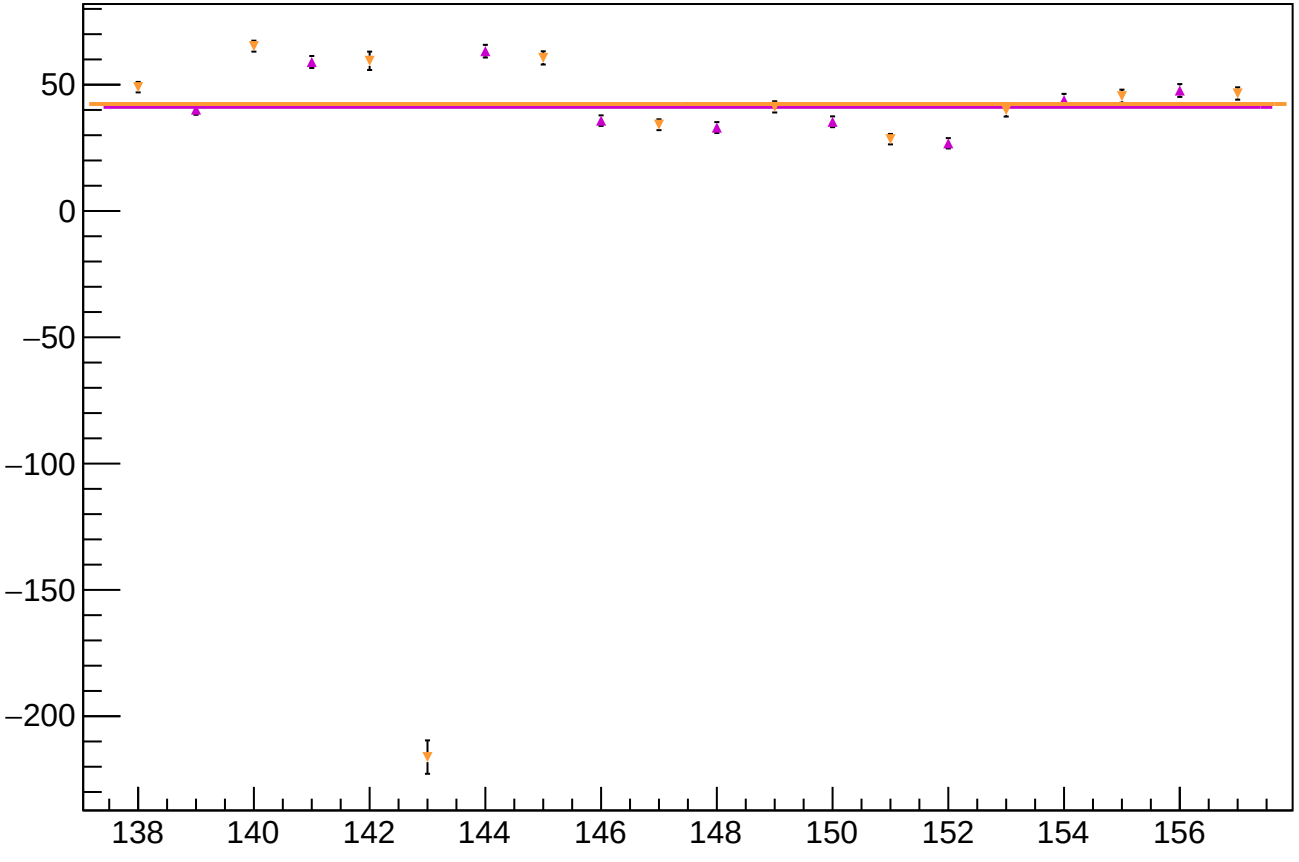
Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -264.527+/-0.098 χ^2/NDF:246614.0/25

Out: -251.763+/-0.092 χ^2/NDF:335862.2/29

All: -257.730+/-0.067 χ^2/NDF: 591548.3/55

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: 42.346+/-0.743 χ^2/NDF:1786.6/10

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

Left In: 41.243+/-0.748 χ^2/NDF:219.1/8

Left: 41.798+/-0.527 χ^2/NDF: 2006.8/19

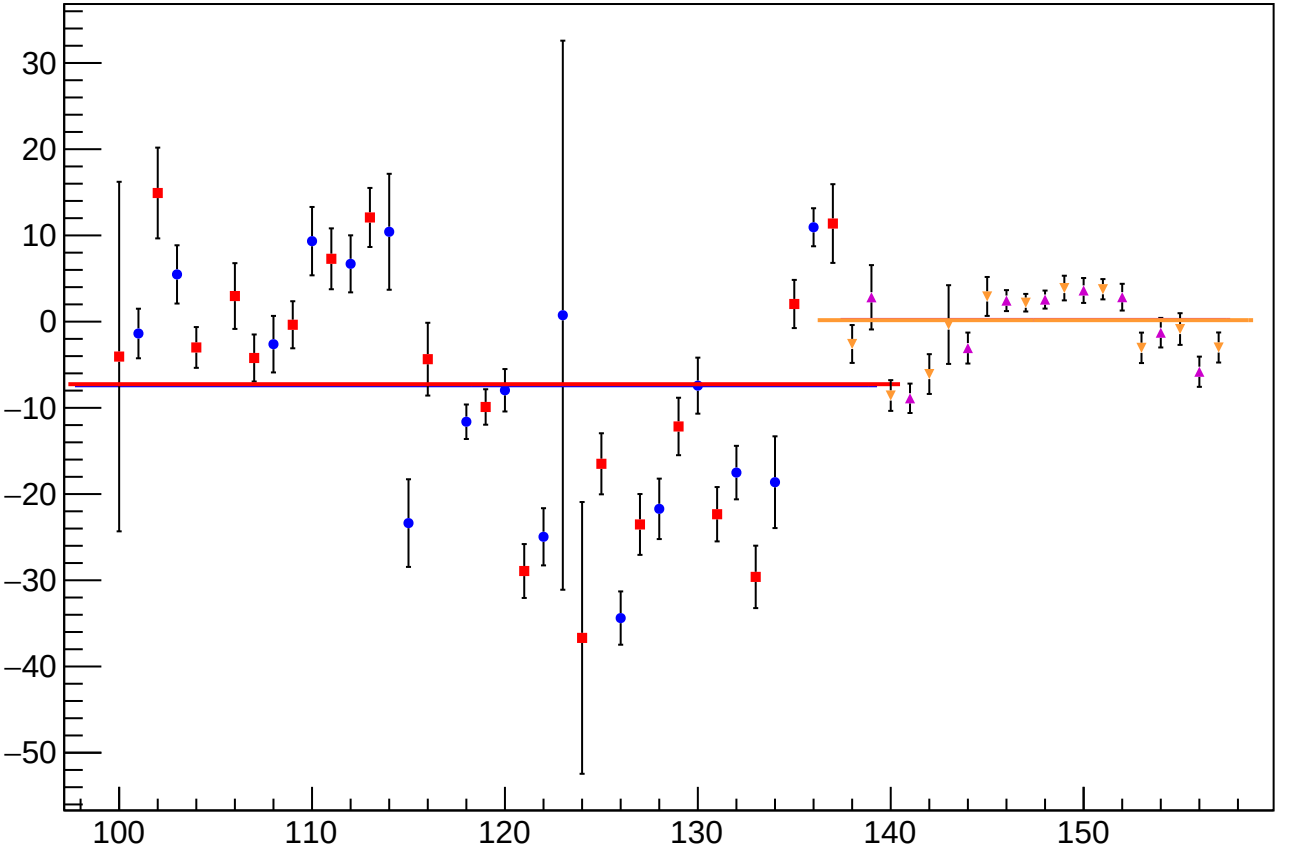
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.243+/-0.748 χ^2/NDF:219.1/8

Out: 42.346+/-0.743 χ^2/NDF:1786.6/10

All: 41.798+/-0.527 χ^2/NDF: 2006.8/19

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: 0.170+/-0.496 χ^2/NDF:61.4/10

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: 0.198+/-0.508 χ^2/NDF:61.7/8

Left: 0.184+/-0.355 χ^2/NDF: 123.1/19

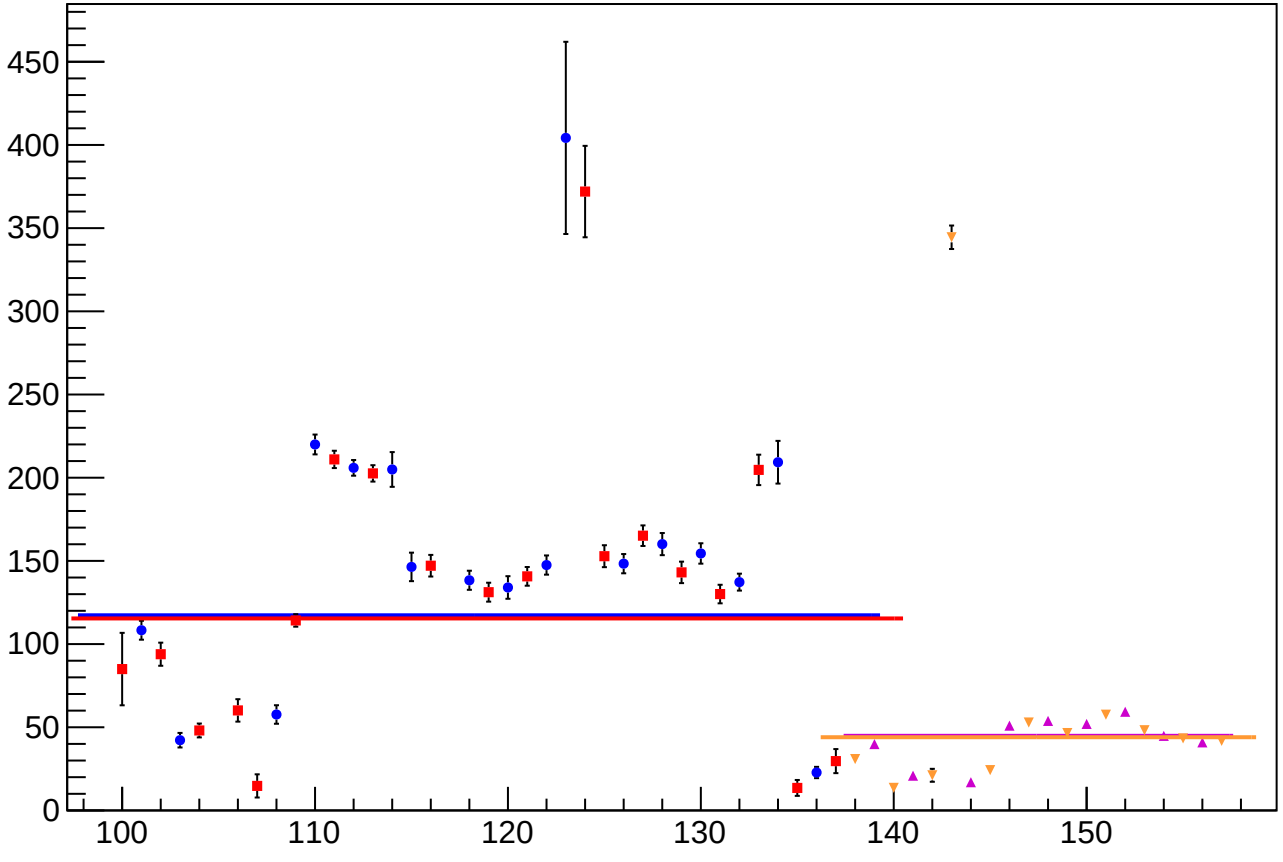
Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -2.063+/-0.425 χ^2/NDF:411.8/25

Out: -2.037+/-0.415 χ^2/NDF:385.4/29

All: -2.050+/-0.297 χ^2/NDF: 797.2/55

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: 44.010+/-0.728 χ^2/NDF:2179.8/10

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 44.858+/-0.732 χ^2/NDF:301.4/8

Left: 44.432+/-0.516 χ^2/NDF: 2481.9/19

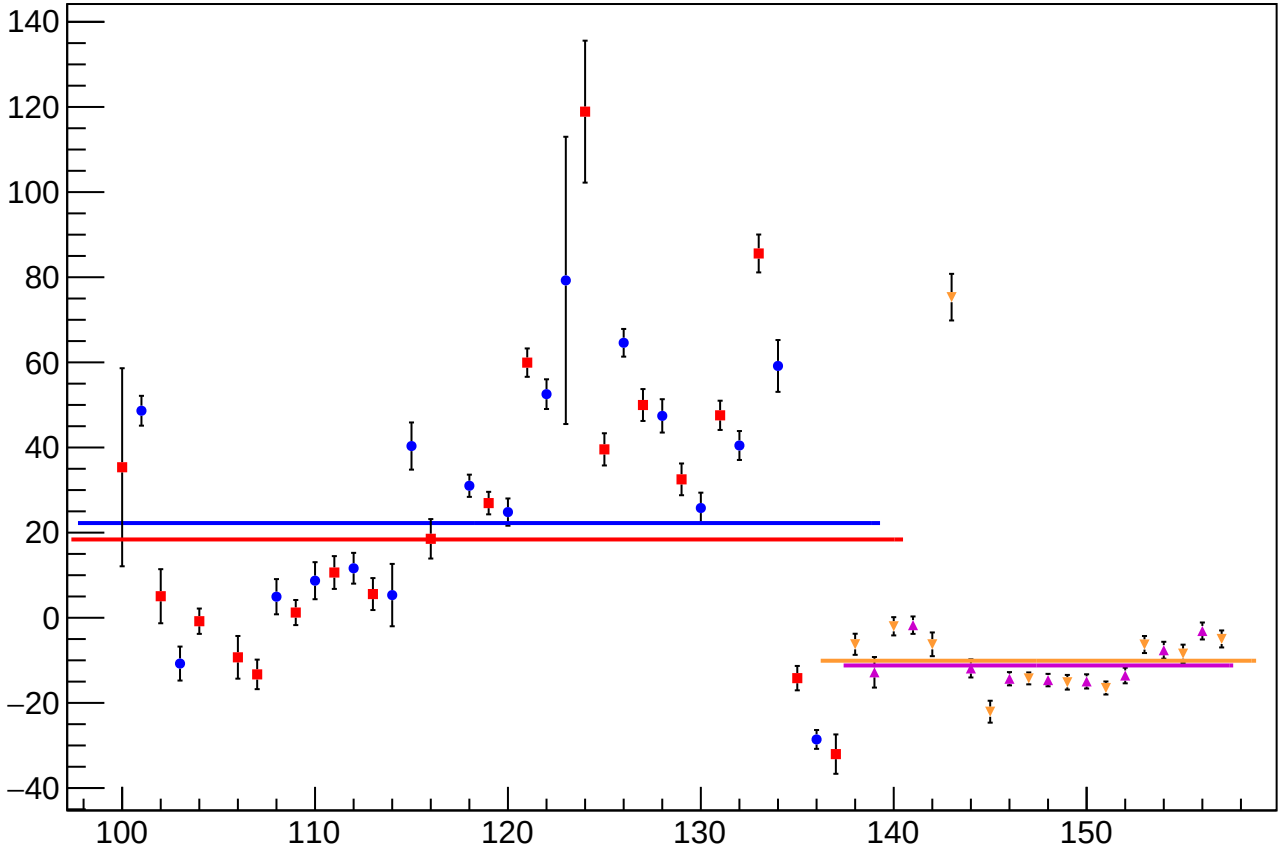
Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 60.253+/-0.649 χ^2/NDF:4545.7/25

Out: 59.898+/-0.642 χ^2/NDF:6470.9/29

All: 60.073+/-0.456 χ^2/NDF: 11016.8/55

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: -10.093+/-0.610 χ^2/NDF:329.2/10

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -11.203+/-0.623 χ^2/NDF:57.7/8

Left: -10.637+/-0.436 χ^2/NDF: 388.5/19

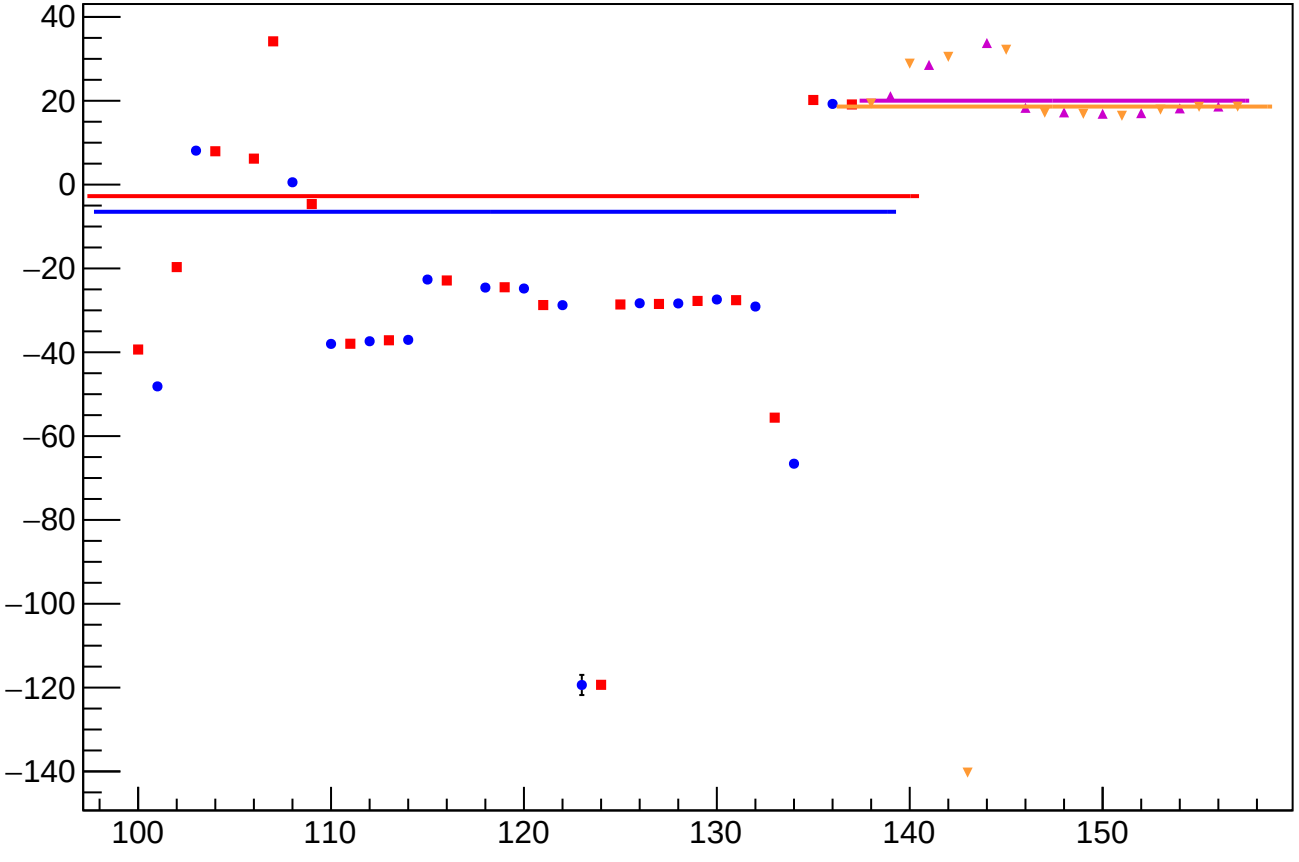
Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: -0.196+/-0.510 χ^2/NDF:2079.0/25

Out: -0.727+/-0.500 χ^2/NDF:2123.0/29

All: -0.467+/-0.357 χ^2/NDF: 4202.5/55

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: 18.619+/-0.029 χ^2/NDF:348554.0/10

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 20.023+/-0.029 χ^2/NDF:25853.5/8

Left: 19.321+/-0.020 χ^2/NDF: 375588.4/19

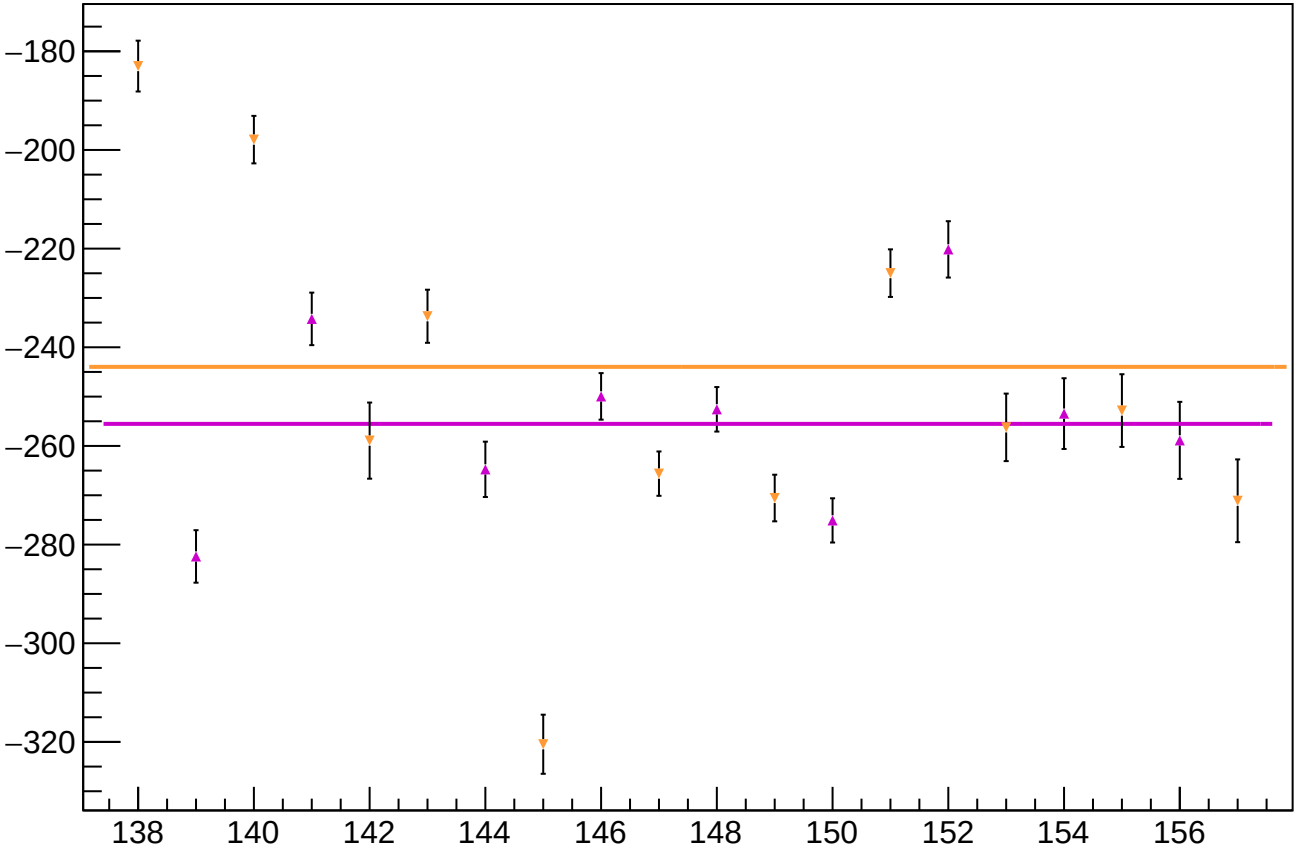
Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 12.562+/-0.024 χ^2/NDF:528523.4/25

Out: 12.517+/-0.024 χ^2/NDF:771215.0/29

All: 12.539+/-0.017 χ^2/NDF: 1299740.1/55

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: -243.973+/-1.687 χ^2/NDF:487.5/10

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

Left In: -255.529+/-1.788 χ^2/NDF:103.7/8

Left: -249.415+/-1.227 χ^2/NDF: 613.3/19

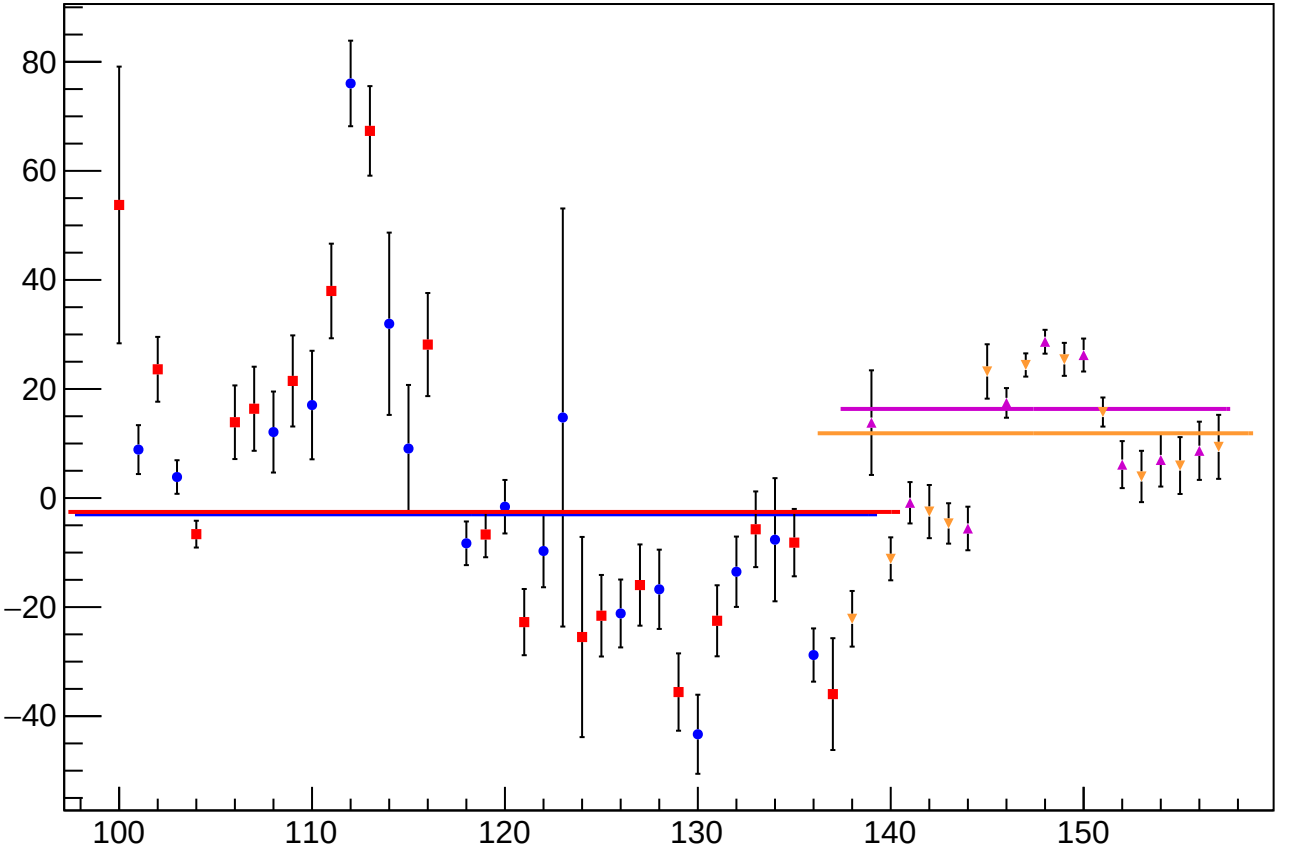
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -255.529+/-1.788 χ^2/NDF:103.7/8

Out: -243.973+/-1.687 χ^2/NDF:487.5/10

All: -249.415+/-1.227 χ^2/NDF: 613.3/19

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: 11.877+/-1.092 χ^2/NDF:173.4/10

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 16.343+/-1.172 χ^2/NDF:104.7/8

Left: 13.951+/-0.799 χ^2/NDF: 286.0/19

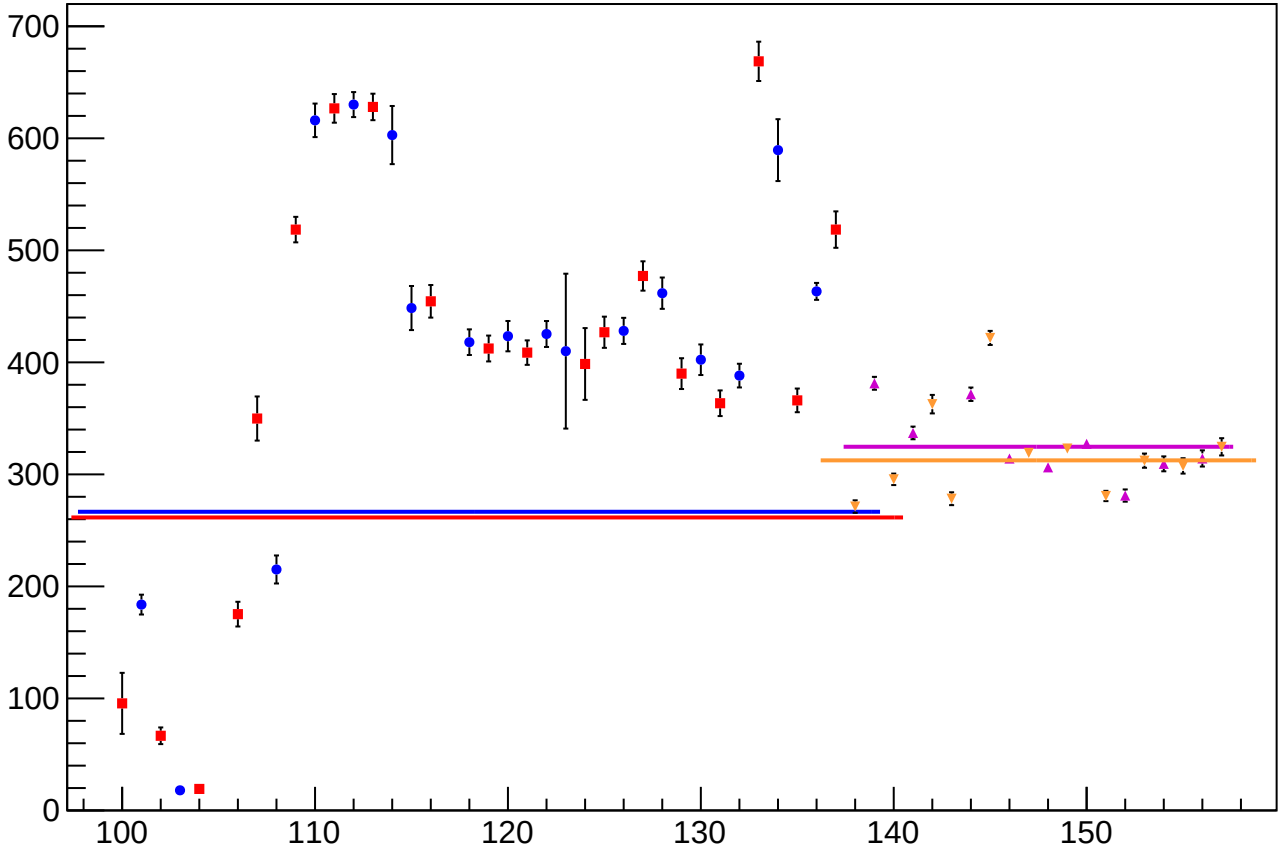
Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: 8.709+/-0.912 χ^2/NDF:416.0/25

Out: 6.416+/-0.861 χ^2/NDF:457.6/29

All: 7.496+/-0.626 χ^2/NDF: 877.0/55

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: 312.517+/-1.670 χ^2/NDF:498.5/10

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 324.663+/-1.751 χ^2/NDF:257.8/8

Left: 318.304+/-1.209 χ^2/NDF: 781.5/19

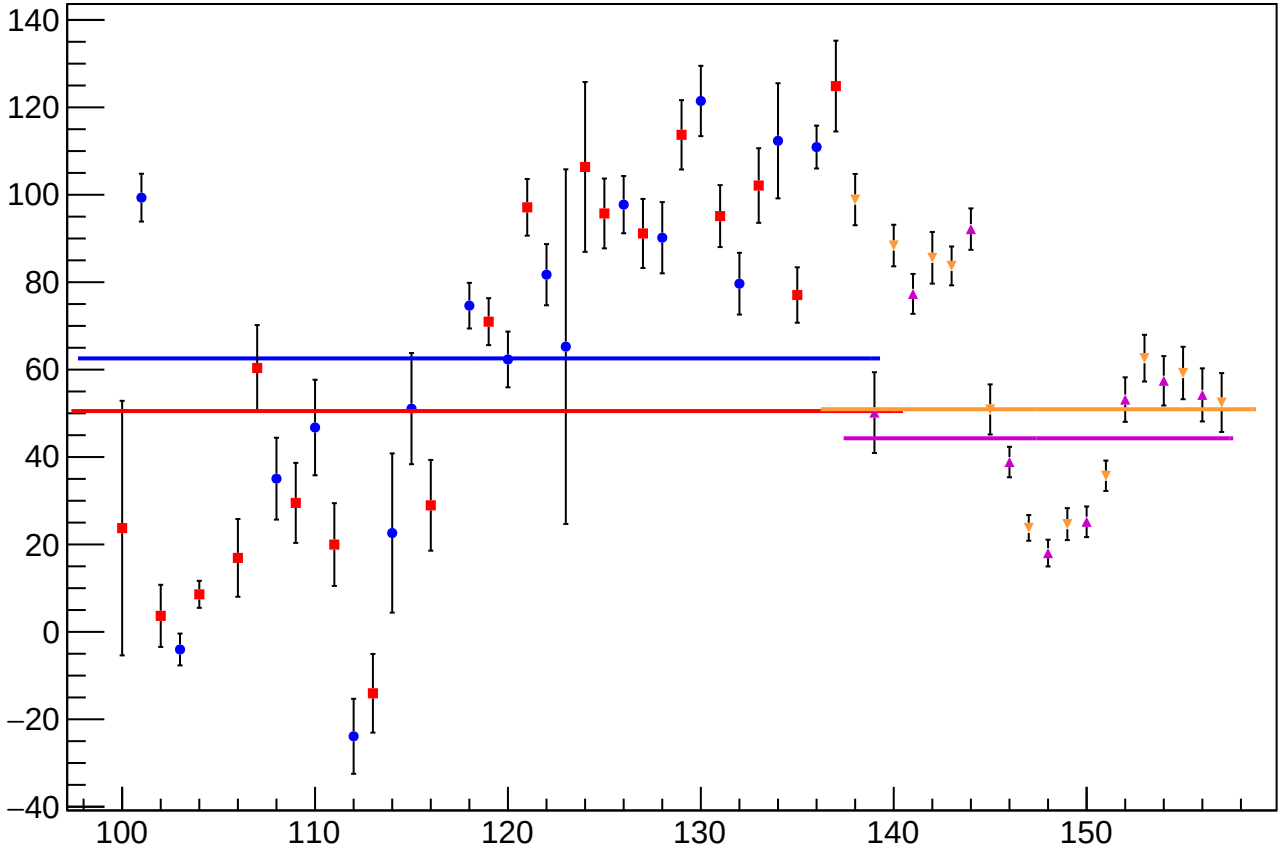
Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 305.329+/-1.430 χ^2/NDF:8286.6/25

Out: 296.414+/-1.381 χ^2/NDF:9000.9/29

All: 300.719+/-0.993 χ^2/NDF: 17307.6/55

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: 50.934+/-1.359 χ^2/NDF:380.6/10

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 44.289+/-1.456 χ^2/NDF:271.5/8

Left: 47.841+/-0.994 χ^2/NDF: 663.2/19

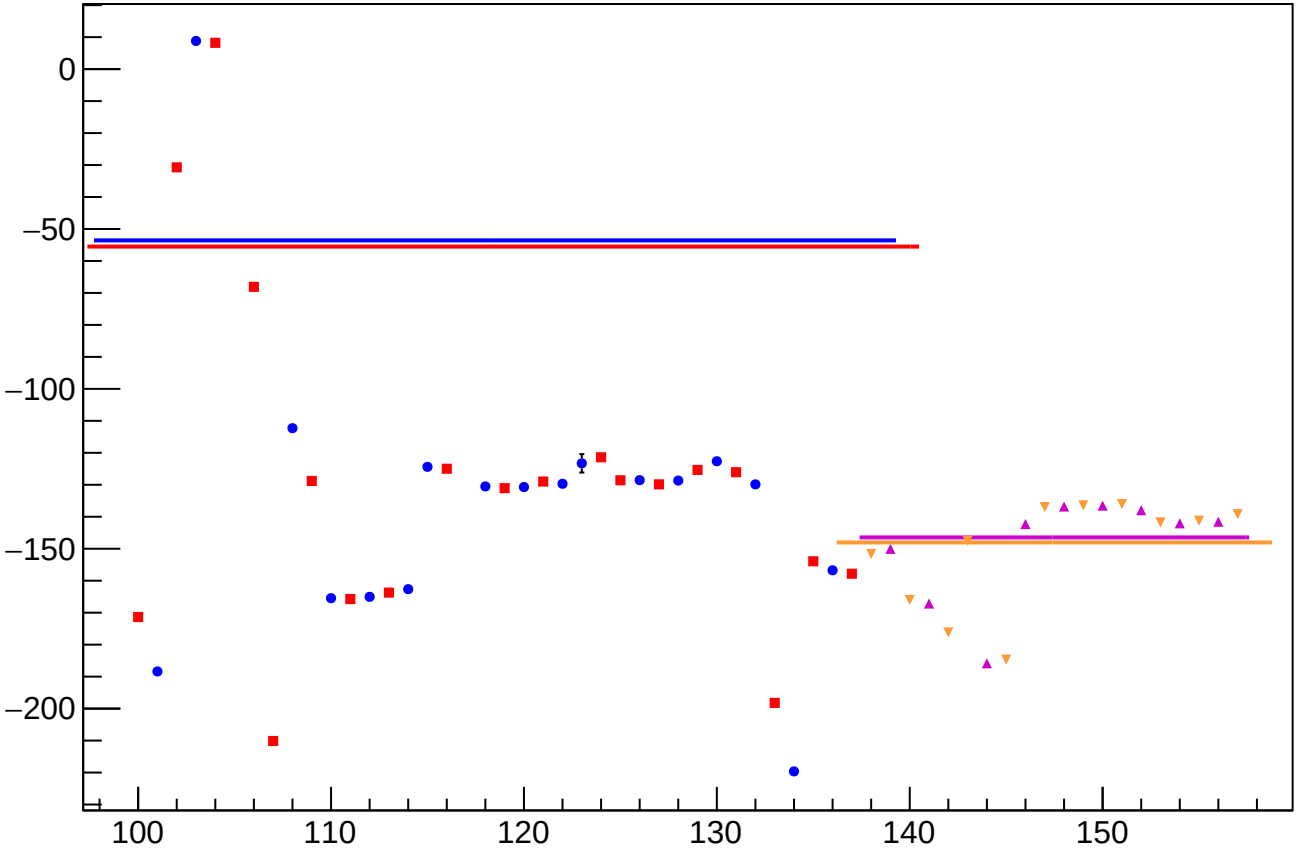
Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 52.141+/-1.100 χ^2/NDF:1061.5/25

Out: 50.768+/-1.047 χ^2/NDF:1037.6/29

All: 51.421+/-0.758 χ^2/NDF: 2100.0/55

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: -148.041+/-0.068 χ^2/NDF:48761.6/10

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -146.464+/-0.071 χ^2/NDF:39554.8/8

Left: -147.279+/-0.049 χ^2/NDF: 88573.0/19

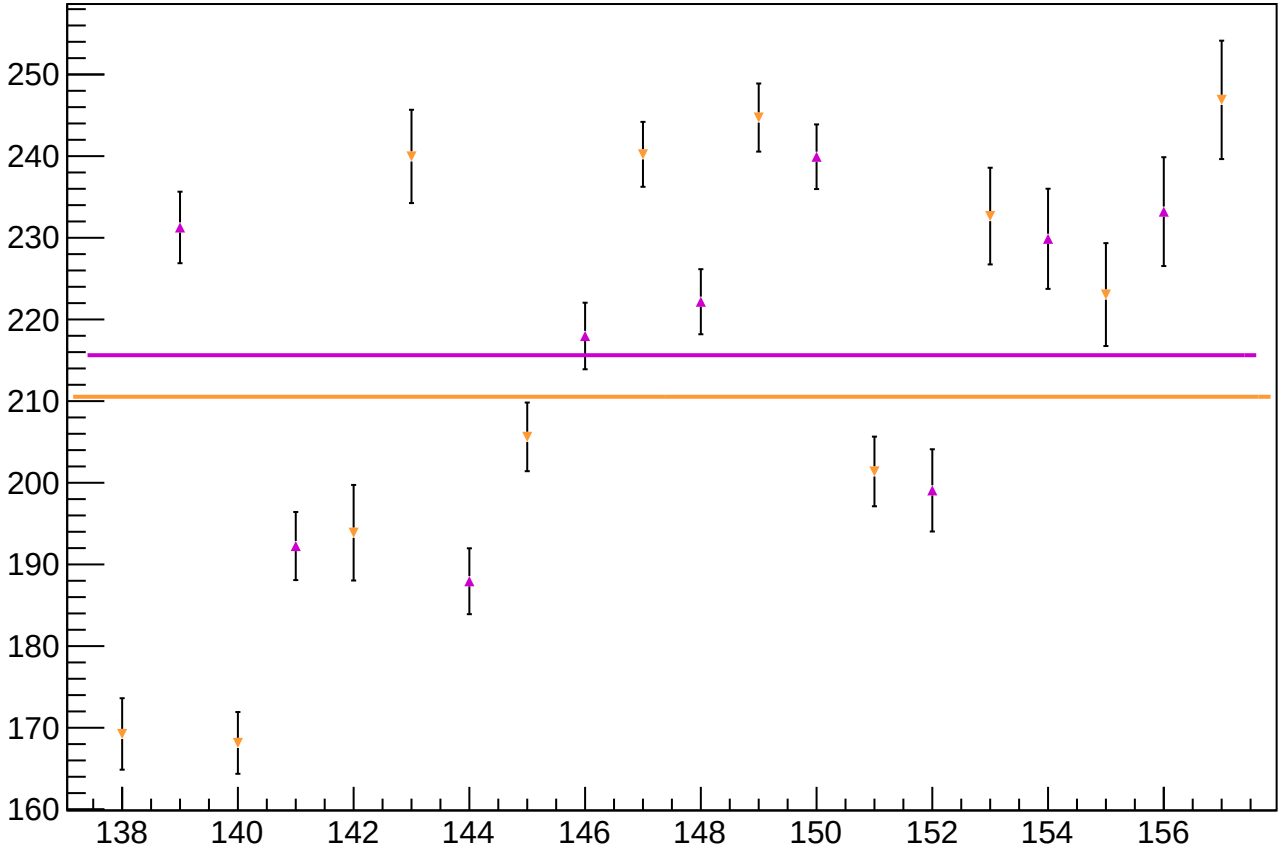
Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -99.674+/-0.050 χ^2/NDF:2137117.2/25

Out: -104.075+/-0.050 χ^2/NDF:1887716.0/29

All: -101.888+/-0.035 χ^2/NDF: 4028750.9/55

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: 210.533+/-1.433 χ^2/NDF:421.3/10

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

Left In: 215.623+/-1.496 χ^2/NDF:155.1/8

Left: 212.968+/-1.035 χ^2/NDF: 582.5/19

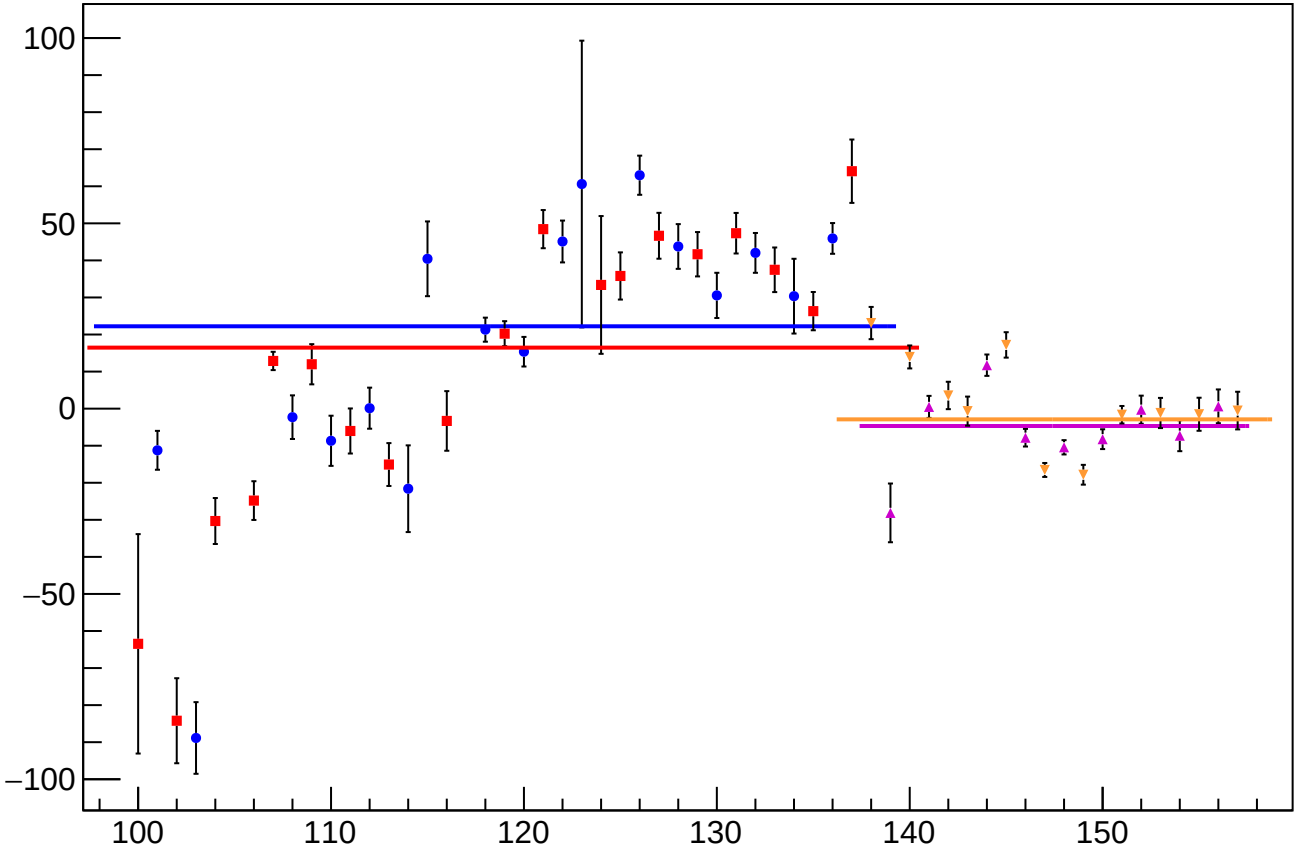
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 215.623+/-1.496 χ^2/NDF:155.1/8

Out: 210.533+/-1.433 χ^2/NDF:421.3/10

All: 212.968+/-1.035 χ^2/NDF: 582.5/19

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: -2.891+/-0.940 χ^2/NDF:187.5/10

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: -4.685+/-0.995 χ^2/NDF:59.7/8

Left: -3.737+/-0.683 χ^2/NDF: 248.9/19

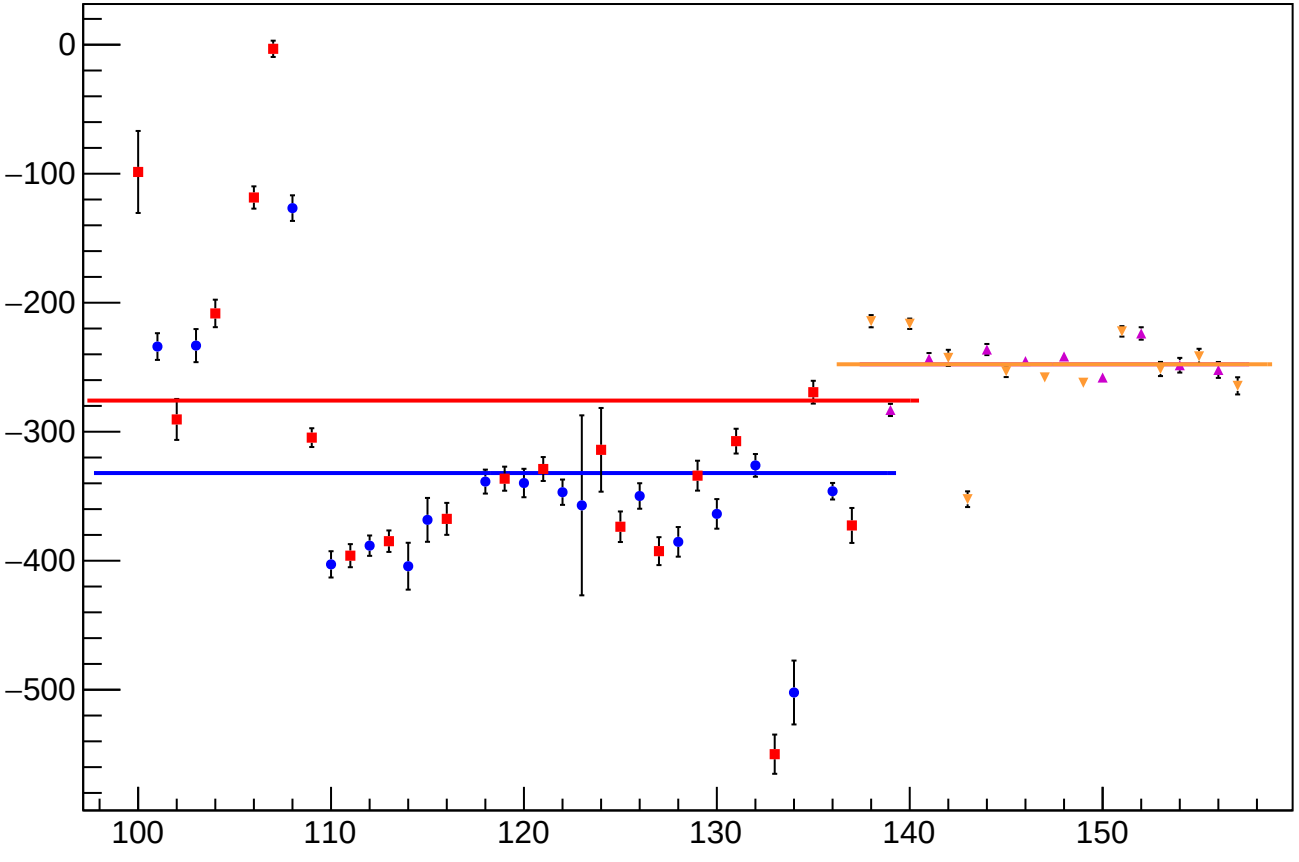
Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 4.577+/-0.806 χ^2/NDF:696.8/25

Out: 4.250+/-0.747 χ^2/NDF:769.8/29

All: 4.401+/-0.548 χ^2/NDF: 1466.7/55

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: -247.721+/-1.425 χ^2/NDF:475.1/10

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -247.741+/-1.475 χ^2/NDF:99.6/8

Left: -247.730+/-1.025 χ^2/NDF: 574.7/19

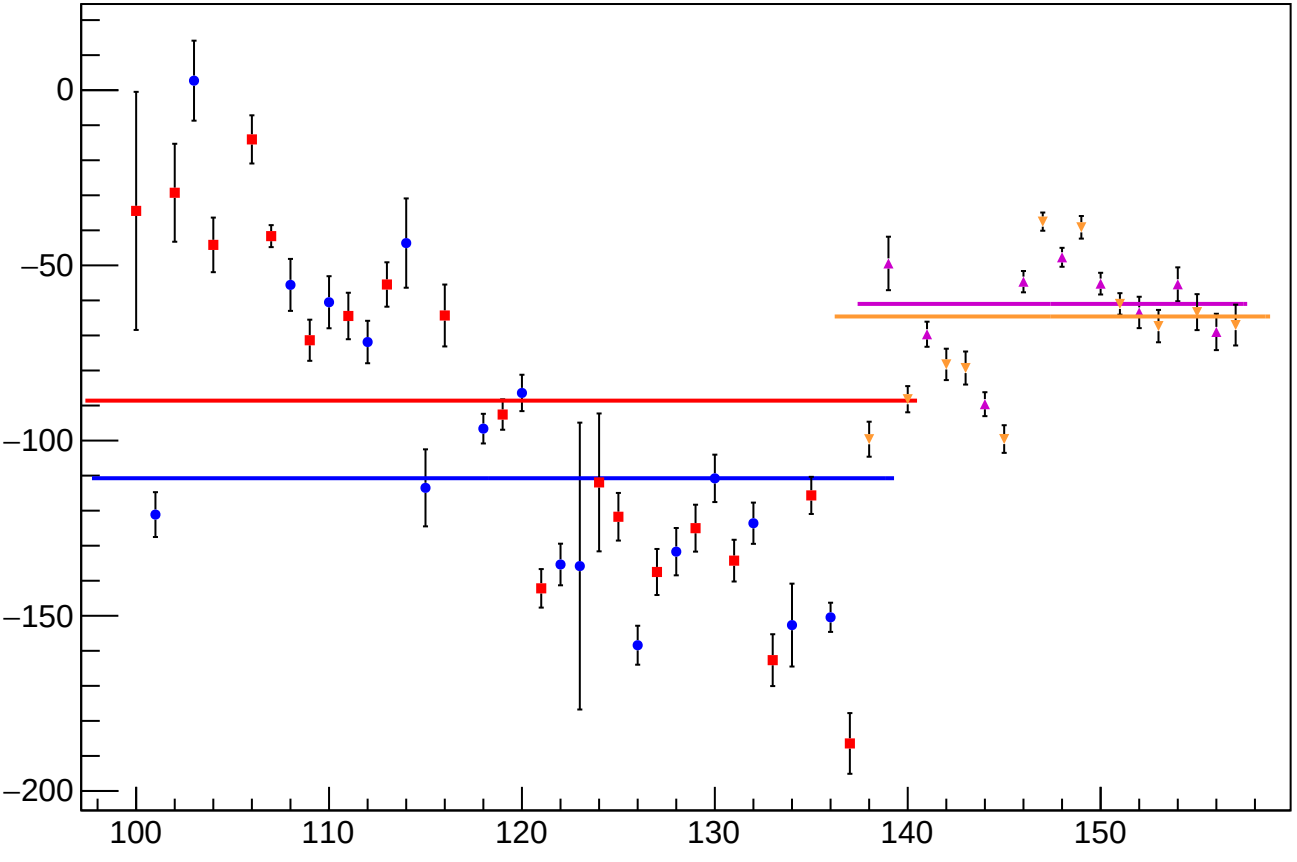
Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -268.728+/-1.278 χ^2/NDF:1697.6/25

Out: -255.406+/-1.215 χ^2/NDF:3944.4/29

All: -261.728+/-0.881 χ^2/NDF: 5699.0/55

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: -64.585+/-1.166 χ^2/NDF:359.4/10

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -60.996+/-1.231 χ^2/NDF:114.4/8

Left: -62.888+/-0.847 χ^2/NDF: 478.3/19

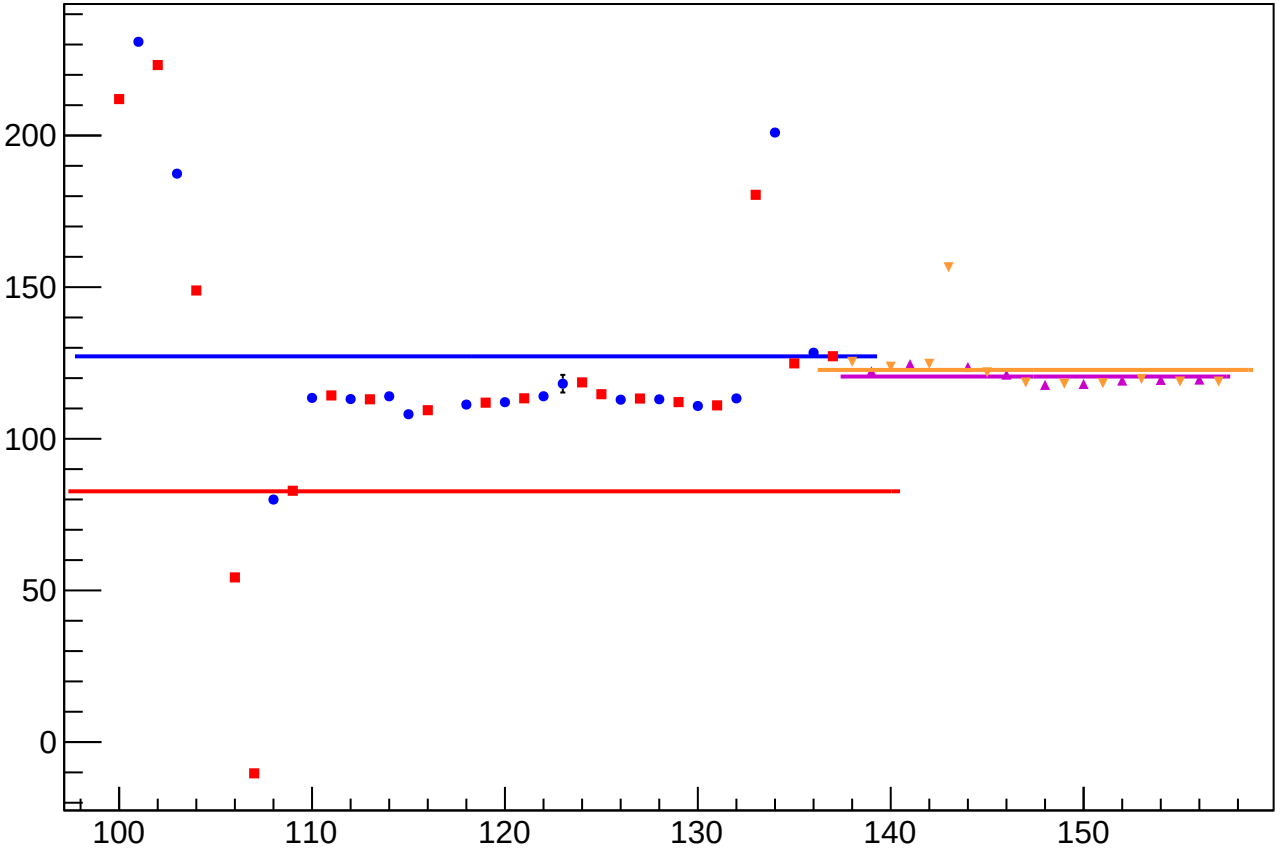
Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -79.823+/-0.970 χ^2/NDF:1246.0/25

Out: -74.140+/-0.905 χ^2/NDF:1497.8/29

All: -76.783+/-0.662 χ^2/NDF: 2762.1/55

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: 122.711+/-0.058 χ^2/NDF:22211.4/10

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 120.529+/-0.060 χ^2/NDF:1559.3/8

Left: 121.646+/-0.042 χ^2/NDF: 24455.5/19

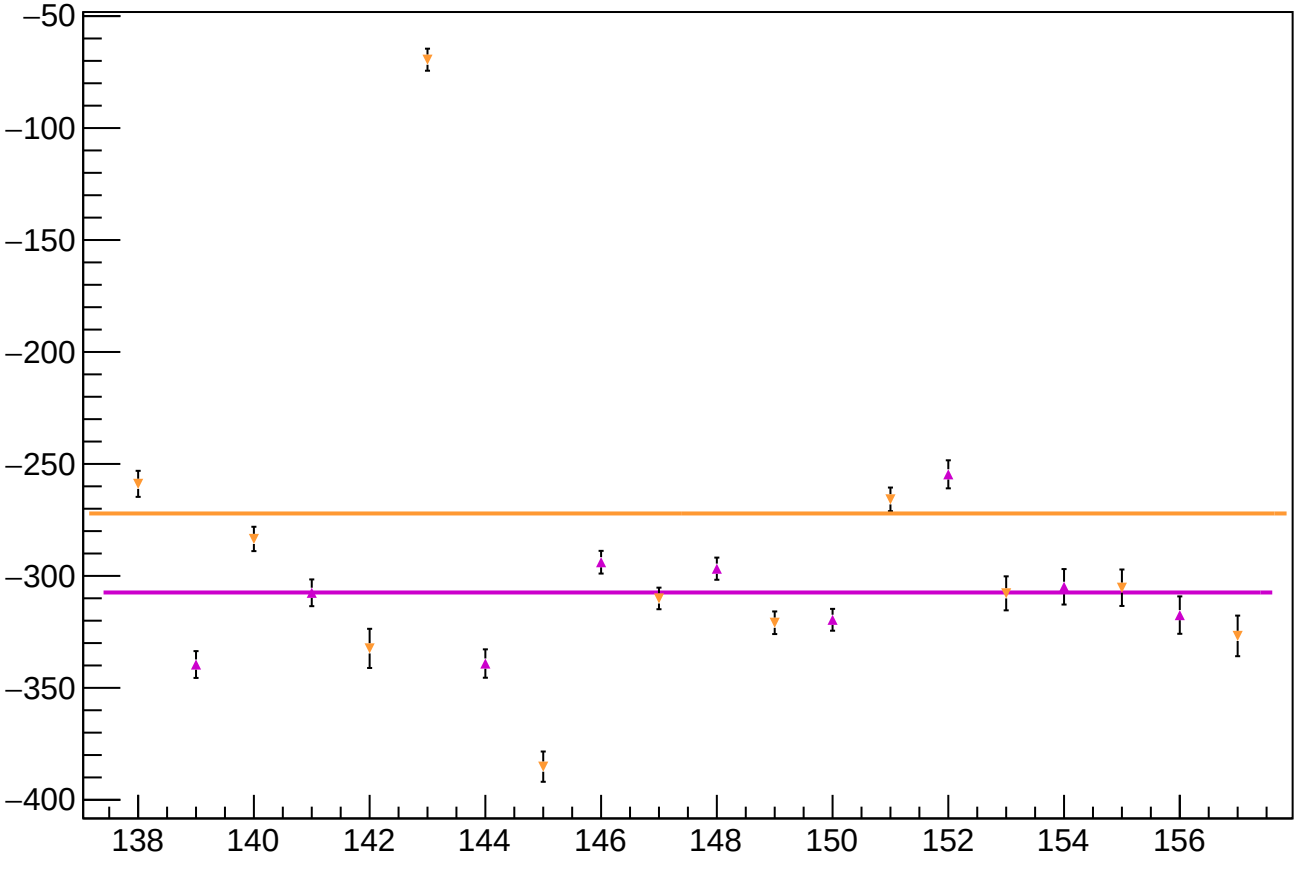
Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 122.589+/-0.050 χ^2/NDF:193461.4/25

Out: 107.731+/-0.046 χ^2/NDF:964739.8/29

All: 114.620+/-0.034 χ^2/NDF: 1206439.2/55

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: -272.120+/-1.819 χ^2/NDF:2262.3/10

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

Left In: -307.407+/-1.968 χ^2/NDF:144.4/8

Left: -288.375+/-1.336 χ^2/NDF: 2580.1/19

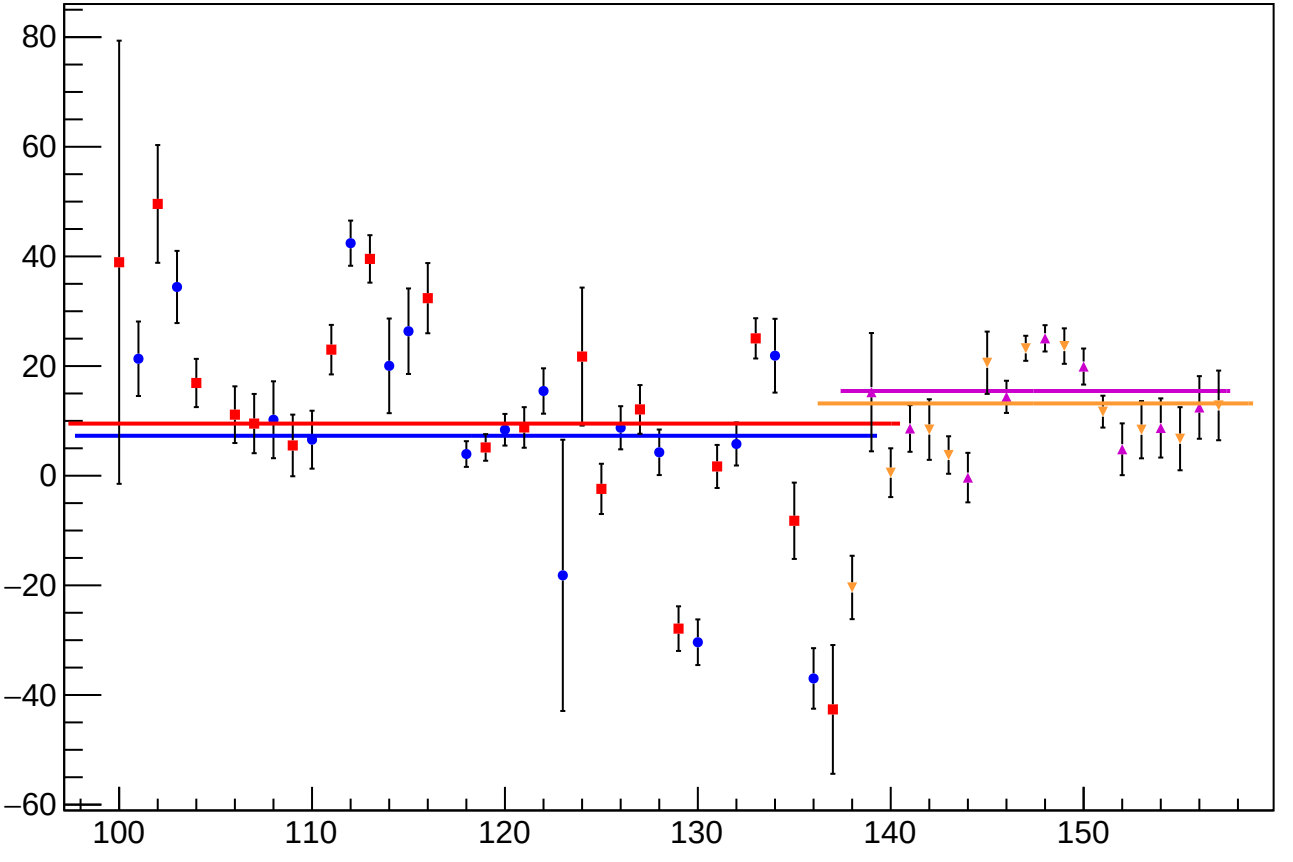
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -307.407+/-1.968 χ^2/NDF:144.4/8

Out: -272.120+/-1.819 χ^2/NDF:2262.3/10

All: -288.375+/-1.336 χ^2/NDF: 2580.1/19

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: 13.184+/-1.173 χ^2/NDF:84.0/10

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 15.454+/-1.286 χ^2/NDF:39.7/8

Left: 14.215+/-0.867 χ^2/NDF: 125.4/19

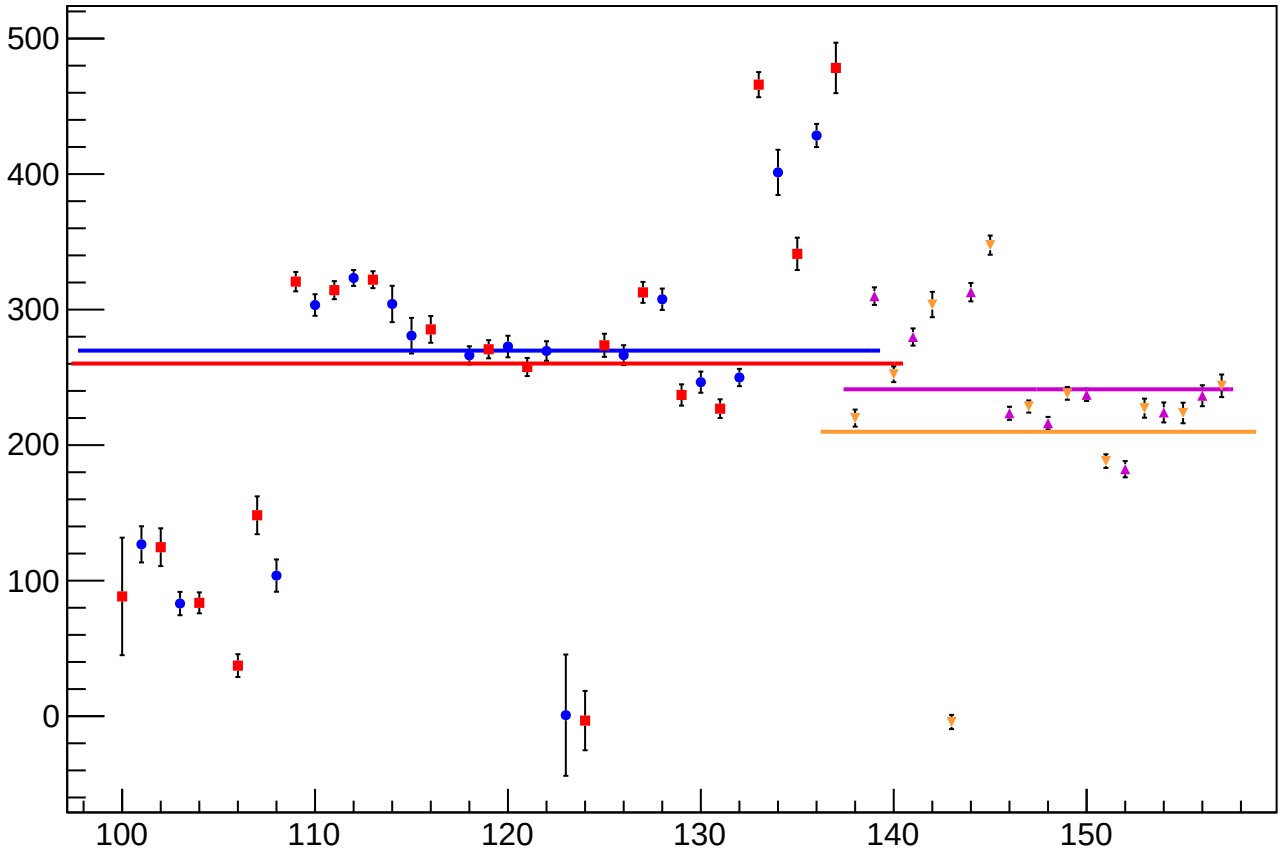
Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 10.676+/-0.829 χ^2/NDF:324.3/25

Out: 11.183+/-0.792 χ^2/NDF:320.9/29

All: 10.941+/-0.573 χ^2/NDF: 645.4/55

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: 209.859+/-1.801 χ^2/NDF:2292.6/10

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 241.195+/-1.923 χ^2/NDF:406.3/8

Left: 224.503+/-1.315 χ^2/NDF: 2840.3/19

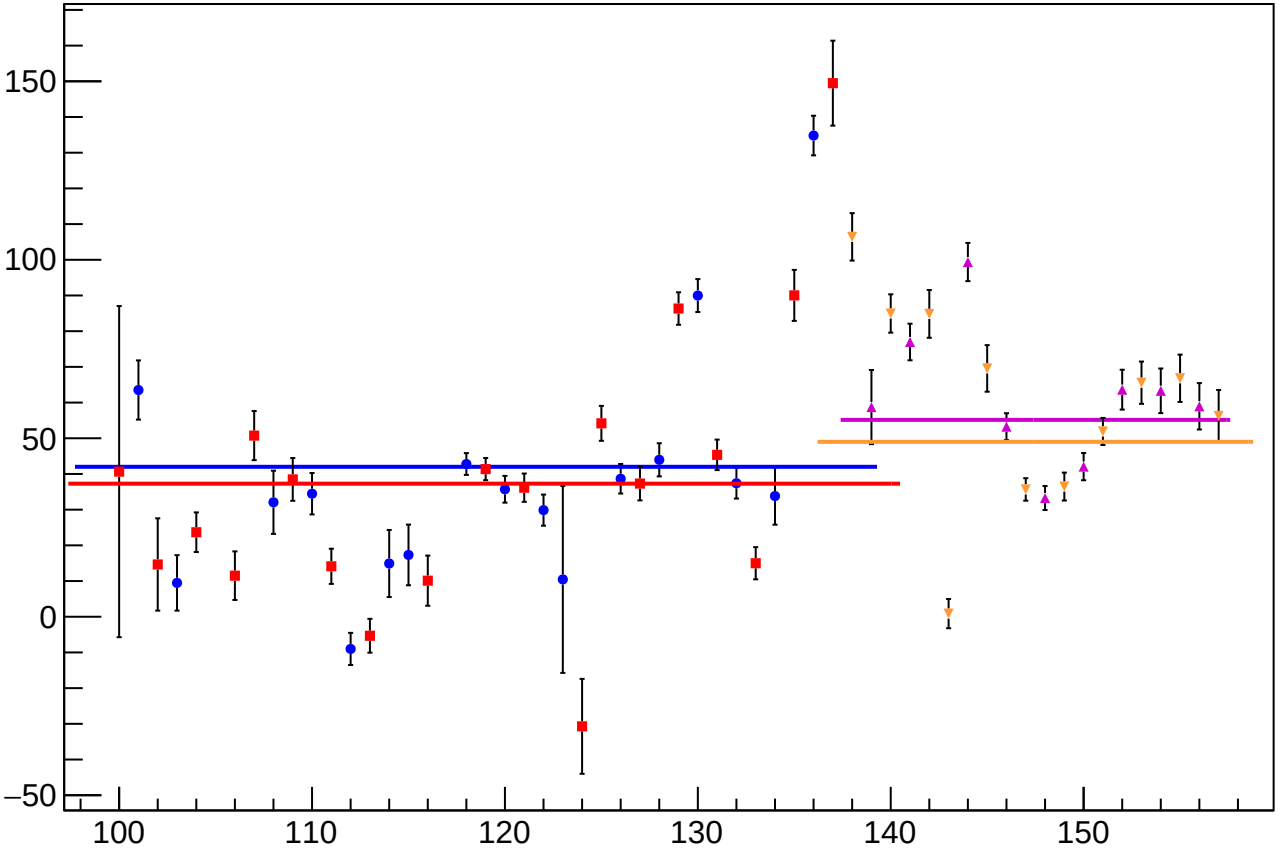
Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 254.413+/-1.409 χ^2/NDF:1882.4/25

Out: 232.685+/-1.332 χ^2/NDF:5188.4/29

All: 242.935+/-0.968 χ^2/NDF: 7196.4/55

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: 49.010+/-1.460 χ^2/NDF:341.3/10

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 55.153+/-1.598 χ^2/NDF:145.3/8

Left: 51.806+/-1.078 χ^2/NDF: 494.6/19

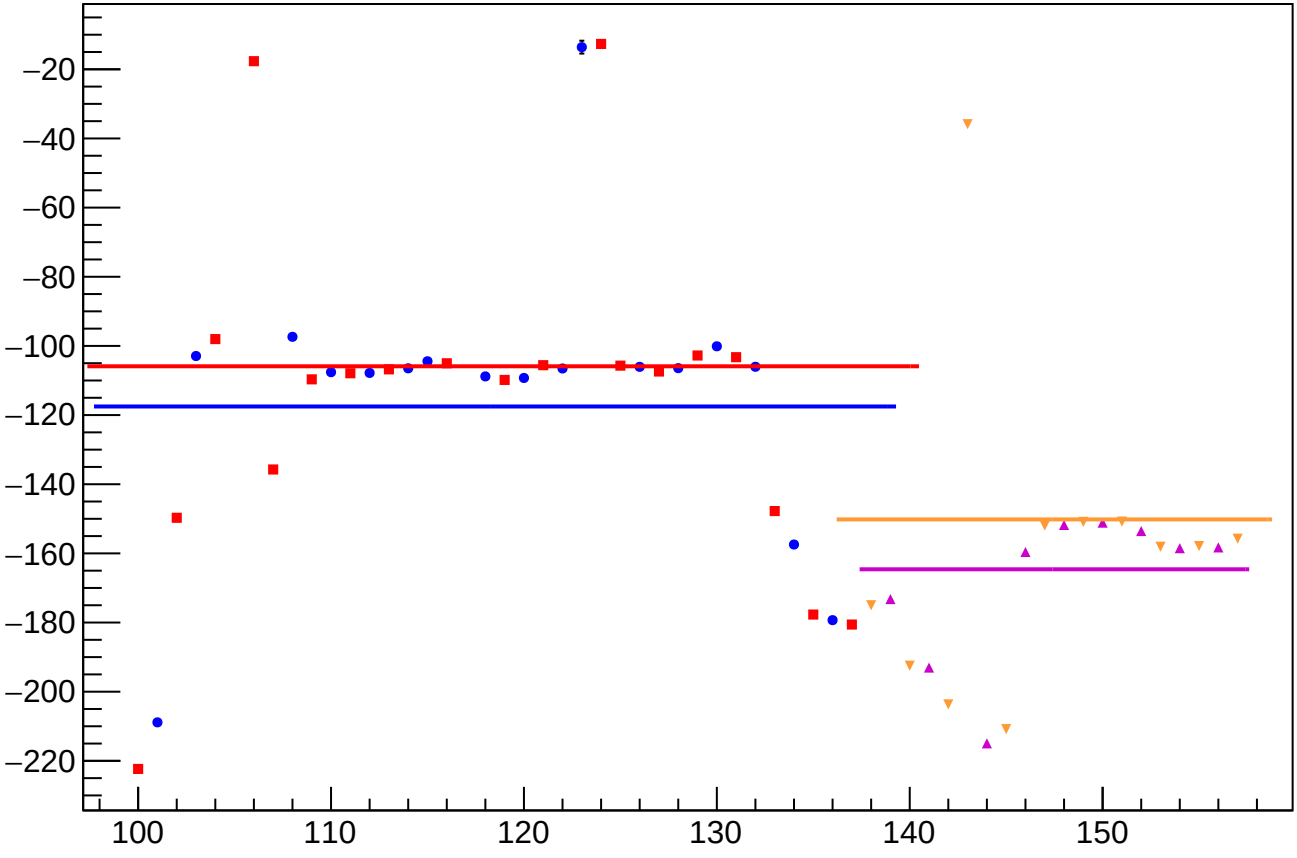
Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 47.024+/-0.987 χ^2/NDF:762.7/25

Out: 42.183+/-0.944 χ^2/NDF:851.4/29

All: 44.495+/-0.682 χ^2/NDF: 1626.7/55

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: -150.176+/-0.074 χ^2/NDF:402367.9/10

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -164.600+/-0.078 χ^2/NDF:55172.8/8

Left: -157.006+/-0.054 χ^2/NDF: 475633.2/19

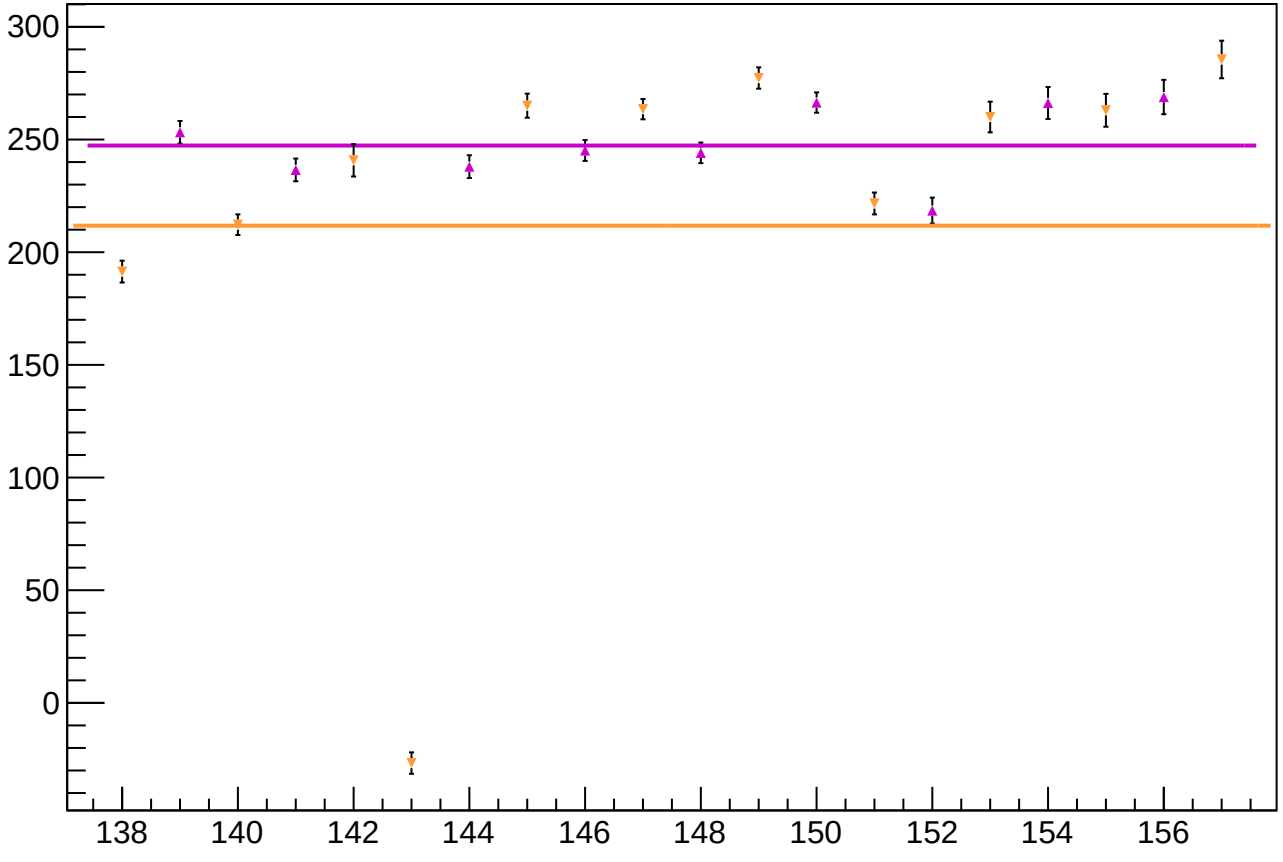
Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -141.117+/-0.055 χ^2/NDF:379827.8/25

Out: -127.737+/-0.052 χ^2/NDF:909204.6/29

All: -134.019+/-0.038 χ^2/NDF: 1320330.6/55

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: 211.769+/-1.621 χ^2/NDF:3155.2/10

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

Left In: 247.327+/-1.741 χ^2/NDF:68.3/8

Left: 228.276+/-1.187 χ^2/NDF: 3446.9/19

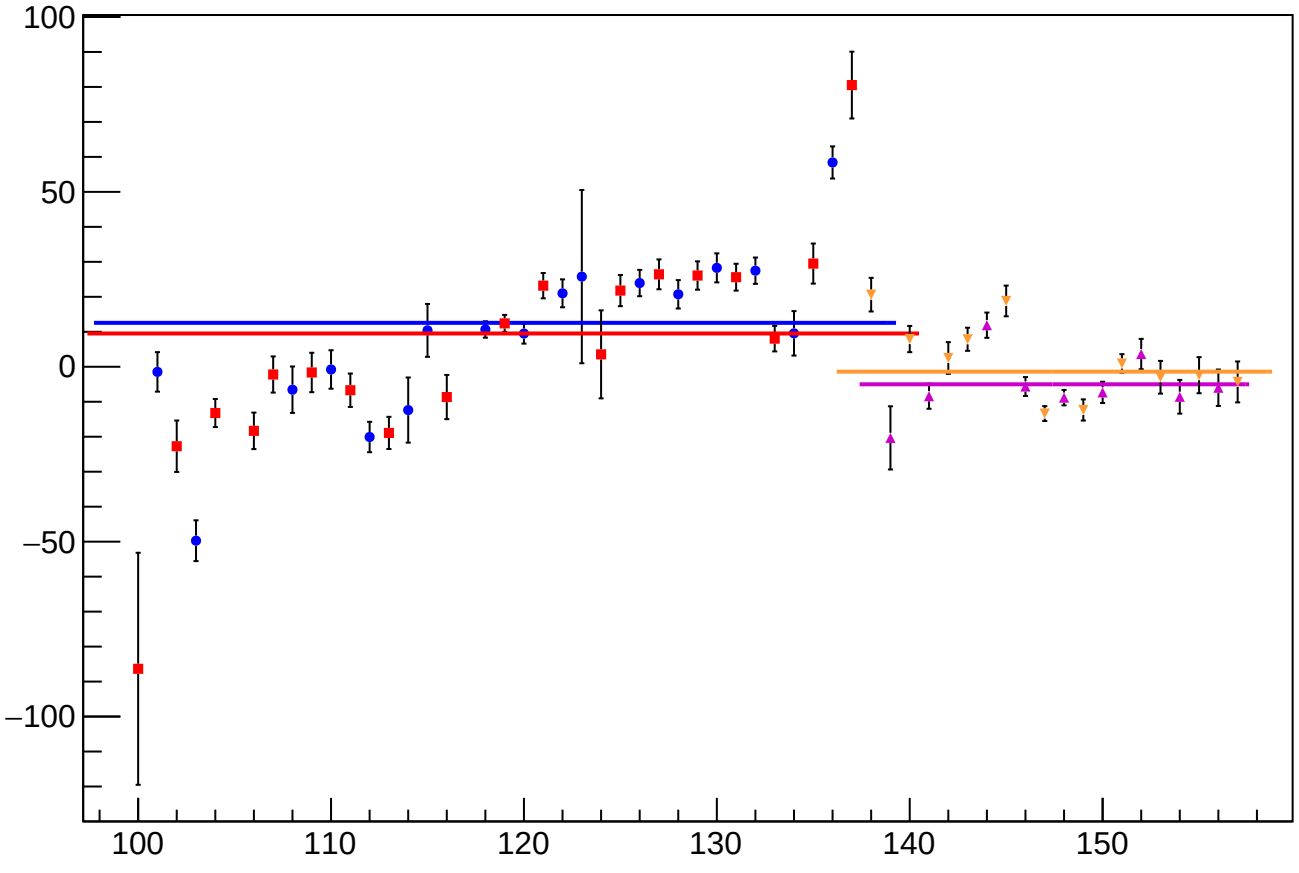
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 247.327+/-1.741 χ^2/NDF:68.3/8

Out: 211.769+/-1.621 χ^2/NDF:3155.2/10

All: 228.276+/-1.187 χ^2/NDF: 3446.9/19

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: -1.395+/-1.062 χ^2/NDF:102.7/10

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: -5.012+/-1.155 χ^2/NDF:33.9/8

Left: -3.052+/-0.782 χ^2/NDF: 141.9/19

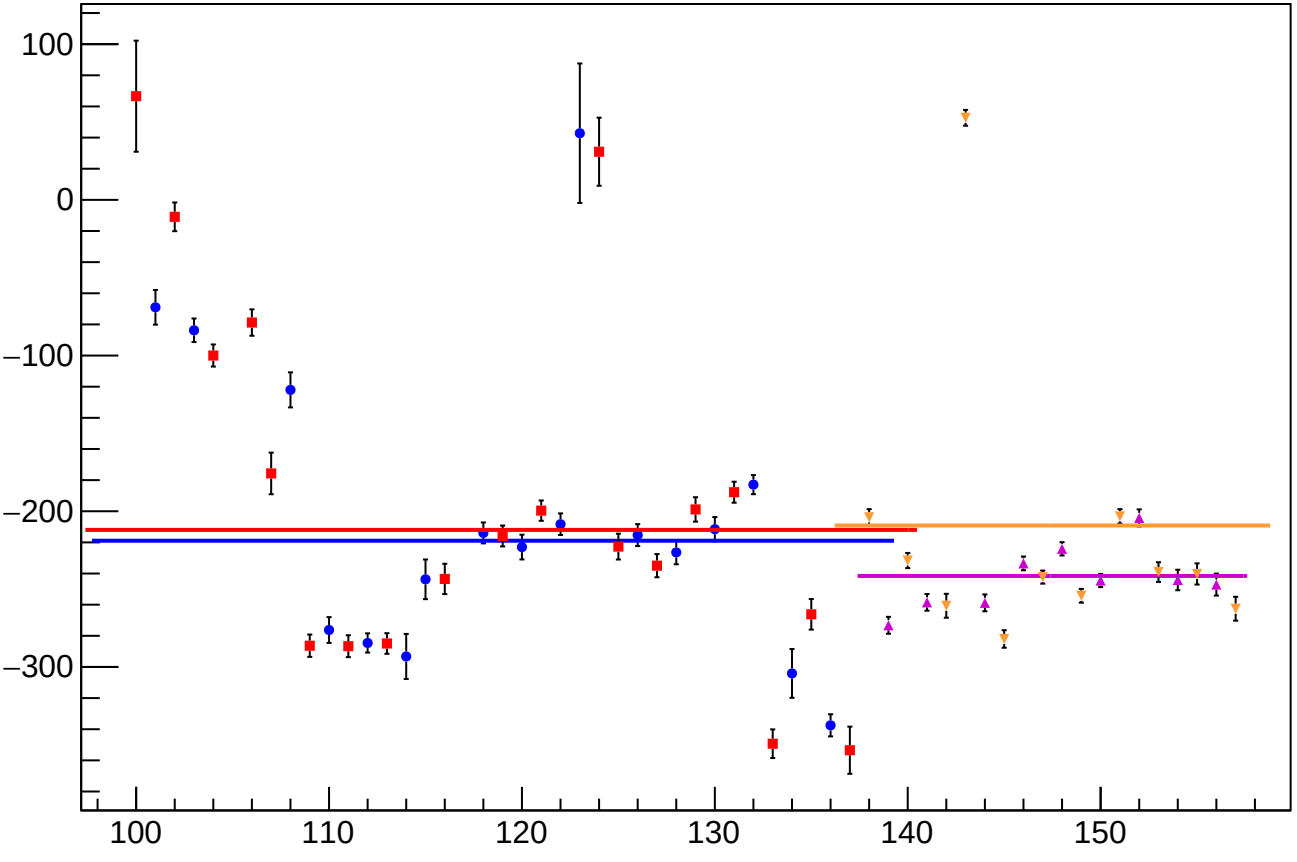
Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 4.562+/-0.779 χ^2/NDF:507.8/25

Out: 4.119+/-0.747 χ^2/NDF:452.4/29

All: 4.331+/-0.539 χ^2/NDF: 960.3/55

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: -209.158+/-1.614 χ^2/NDF:3156.5/10

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -241.545+/-1.712 χ^2/NDF:121.3/8

Left: -224.398+/-1.174 χ^2/NDF: 3467.3/19

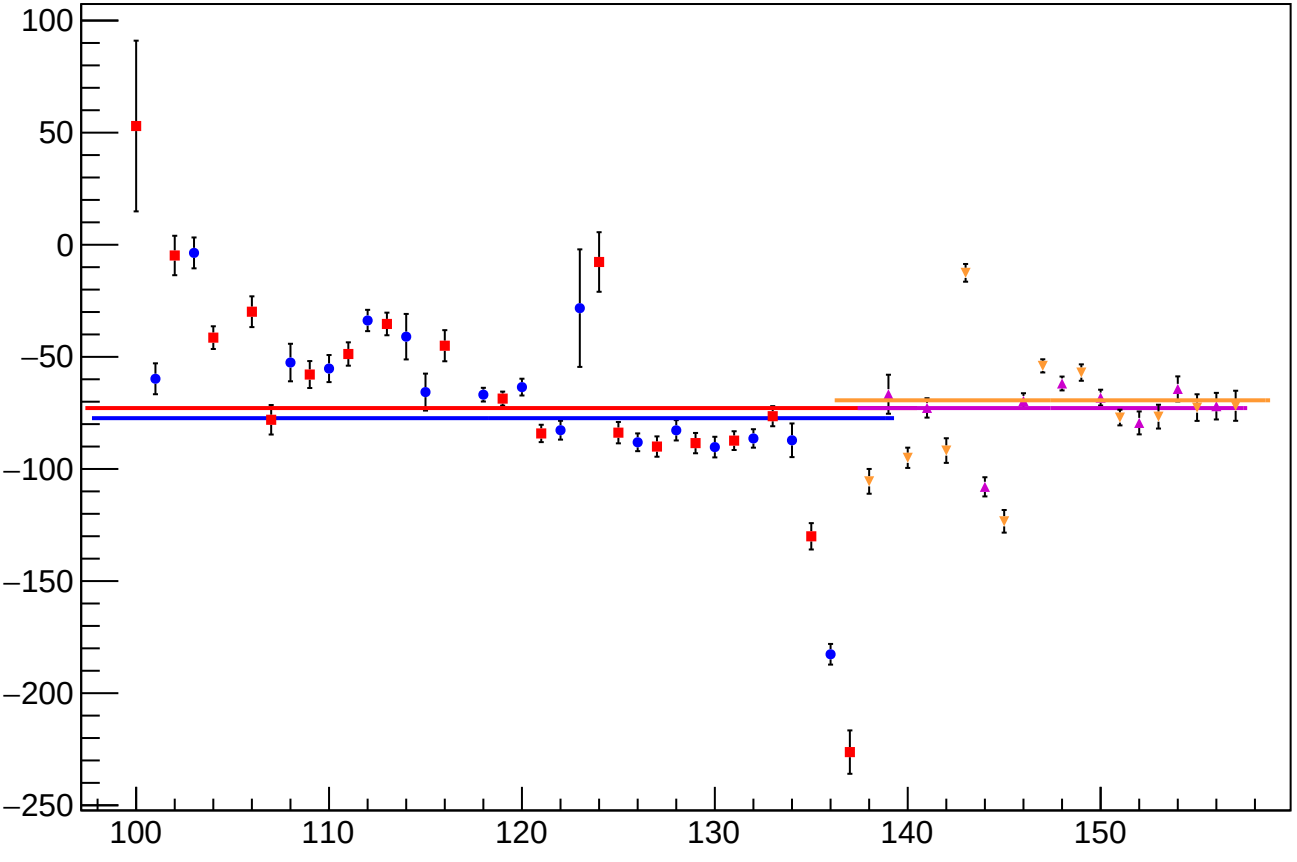
Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -232.013+/-1.302 χ^2/NDF:1341.5/25

Out: -210.318+/-1.237 χ^2/NDF:5043.9/29

All: -220.606+/-0.897 χ^2/NDF: 6531.4/55

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: -69.373+/-1.317 χ^2/NDF:458.7/10

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -72.843+/-1.430 χ^2/NDF:87.2/8

Left: -70.965+/-0.969 χ^2/NDF: 549.0/19

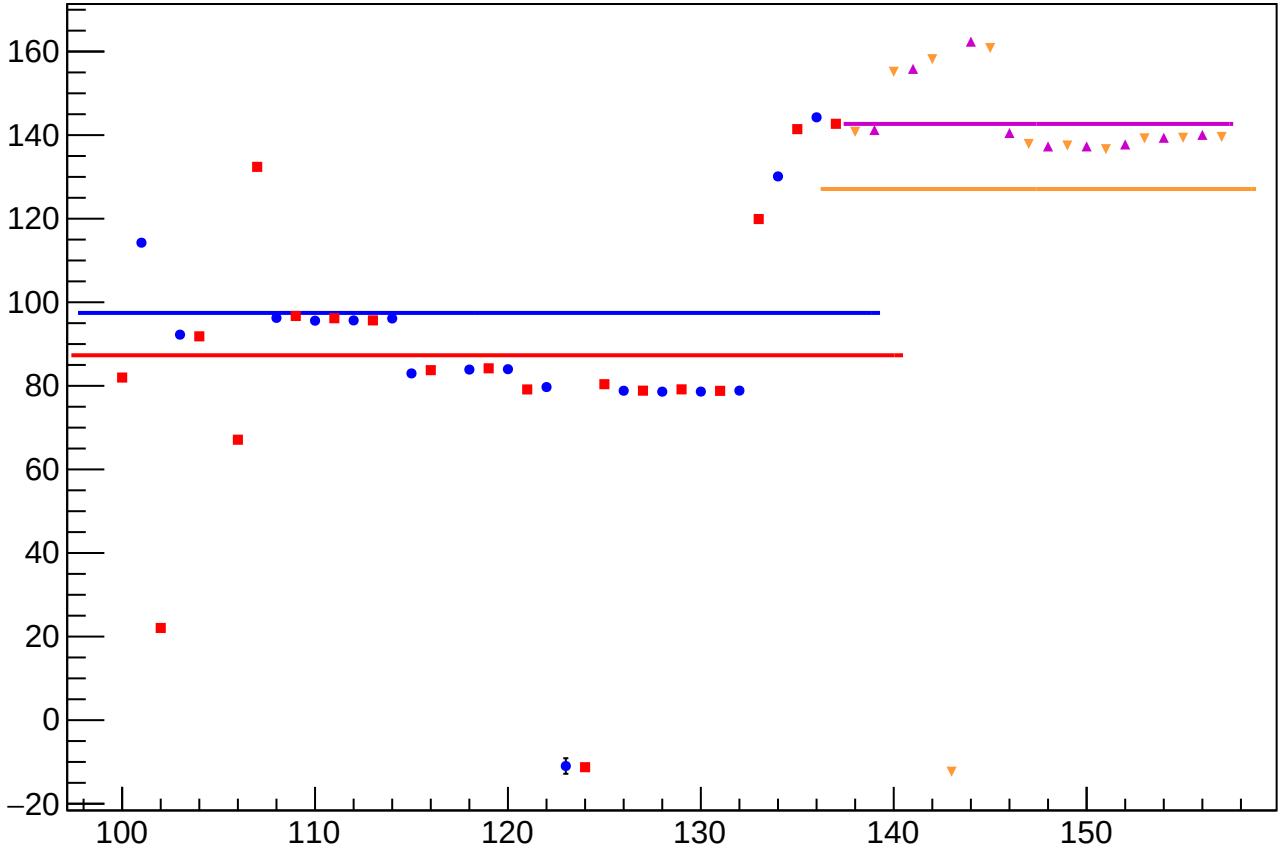
Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -75.448+/-0.928 χ^2/NDF:910.1/25

Out: -71.253+/-0.890 χ^2/NDF:1135.3/29

All: -73.264+/-0.642 χ^2/NDF: 2056.1/55

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: 127.103+/-0.066 χ^2/NDF:542383.8/10

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 142.679+/-0.069 χ^2/NDF:13391.3/8

Left: 134.524+/-0.048 χ^2/NDF: 582354.4/19

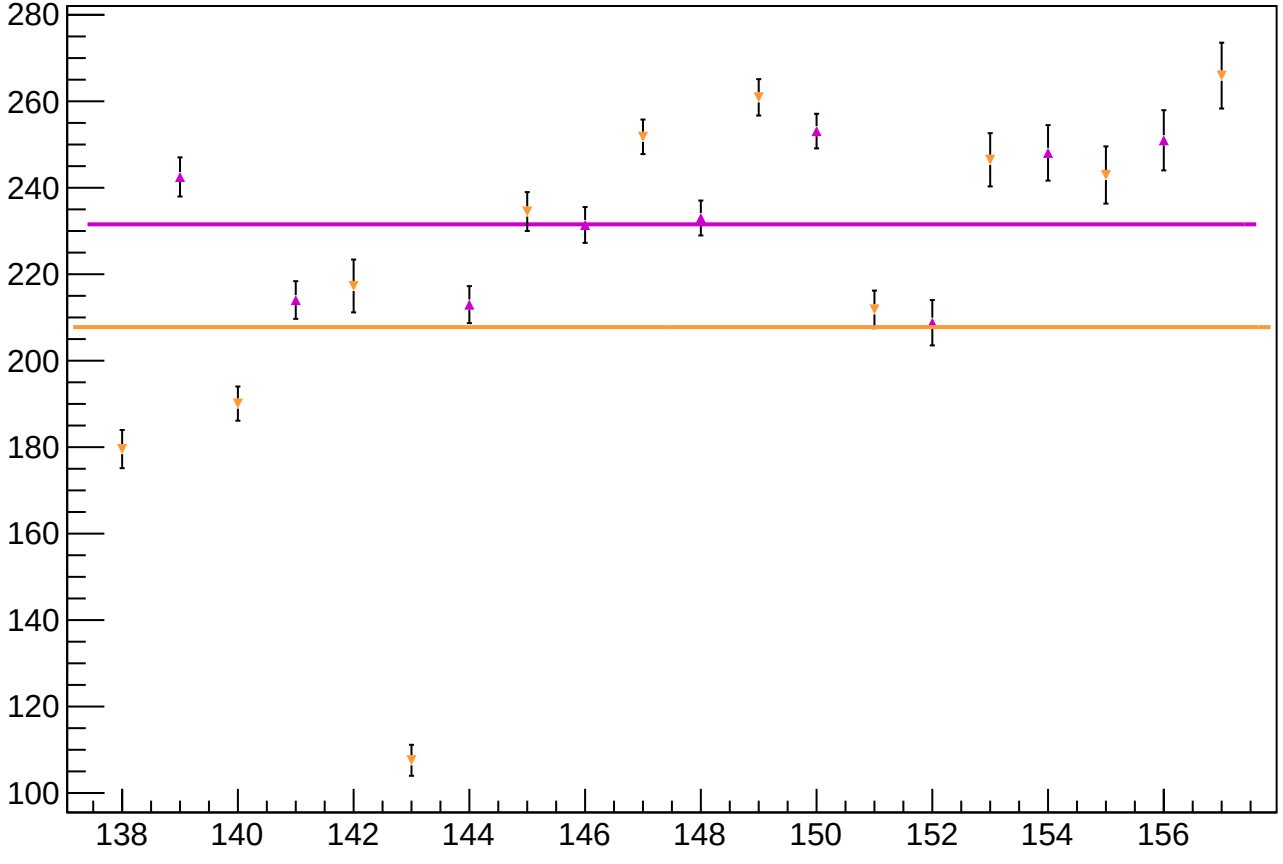
Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 121.378+/-0.050 χ^2/NDF:309463.1/25

Out: 107.890+/-0.047 χ^2/NDF:940014.6/29

All: 114.239+/-0.034 χ^2/NDF: 1287564.7/55

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: 207.768+/-1.404 χ^2/NDF:1287.5/10

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

Left In: 231.541+/-1.544 χ^2/NDF:103.4/8

Left: 218.526+/-1.039 χ^2/NDF: 1520.6/19

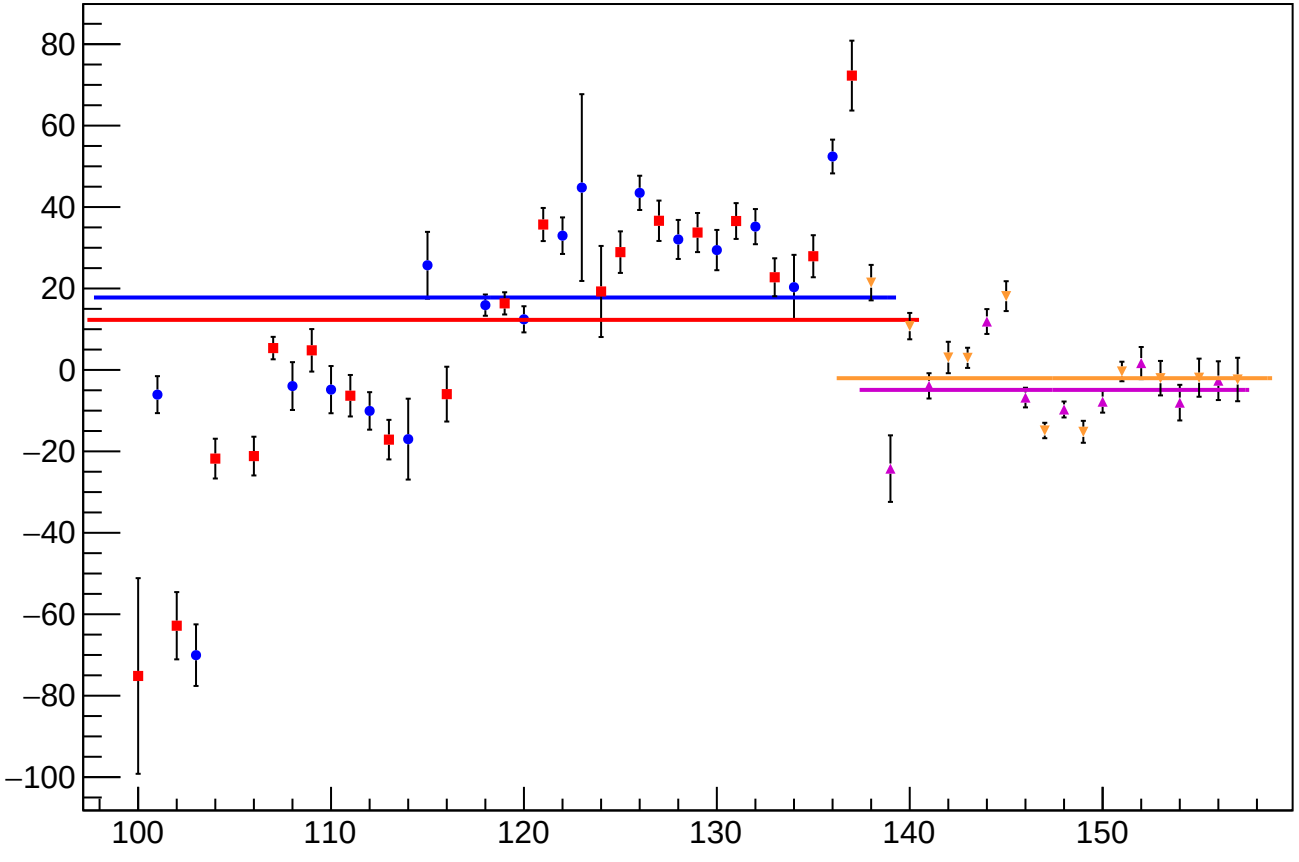
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 231.541+/-1.544 χ^2/NDF:103.4/8

Out: 207.768+/-1.404 χ^2/NDF:1287.5/10

All: 218.526+/-1.039 χ^2/NDF: 1520.6/19

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: -2.030+/-0.921 χ^2/NDF:151.0/10

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: -4.904+/-1.022 χ^2/NDF:47.3/8

Left: -3.317+/-0.684 χ^2/NDF: 202.7/19

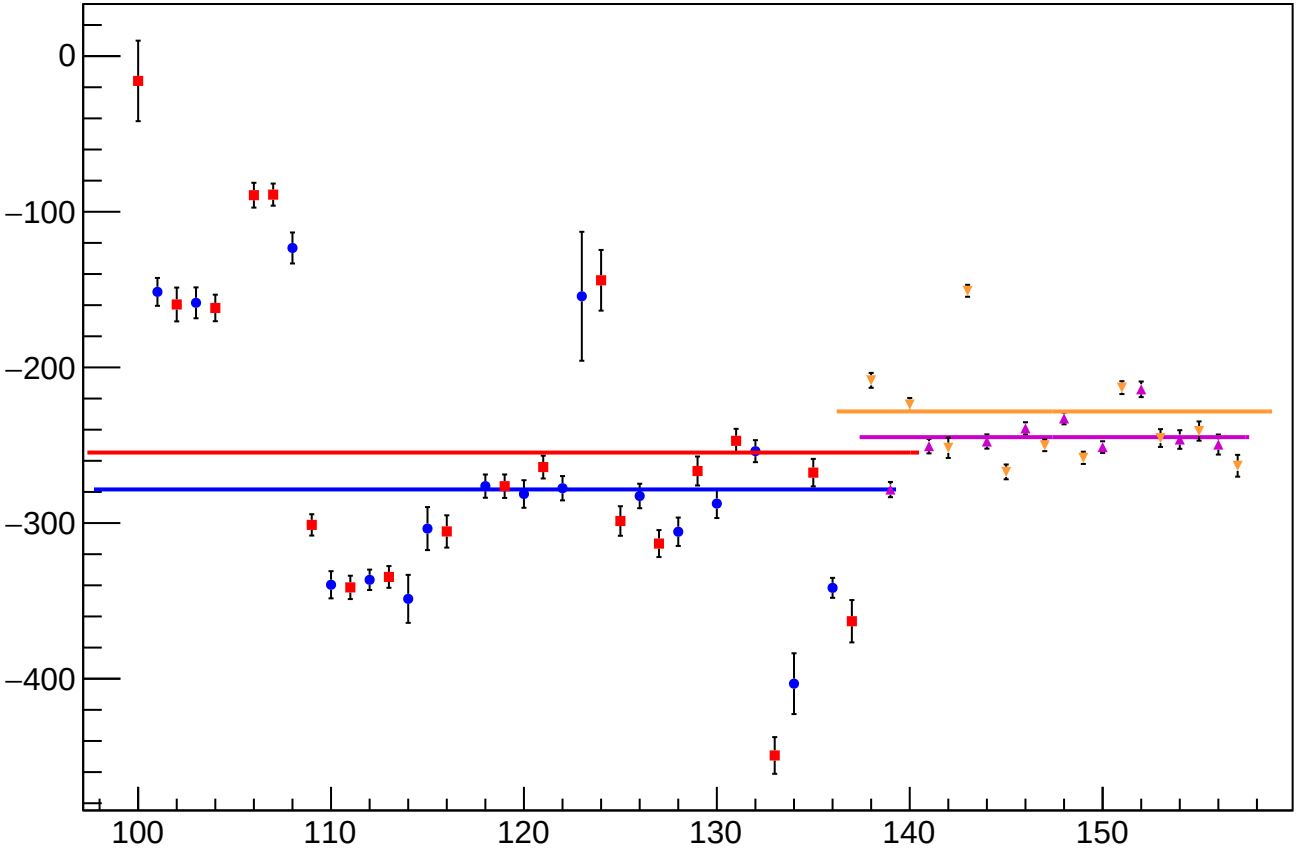
Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 5.147+/-0.763 χ^2/NDF:660.6/25

Out: 3.960+/-0.702 χ^2/NDF:696.0/29

All: 4.504+/-0.517 χ^2/NDF: 1357.9/55

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: -228.295+/-1.403 χ^2/NDF:651.0/10

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -244.797+/-1.520 χ^2/NDF:102.4/8

Left: -235.891+/-1.031 χ^2/NDF: 817.0/19

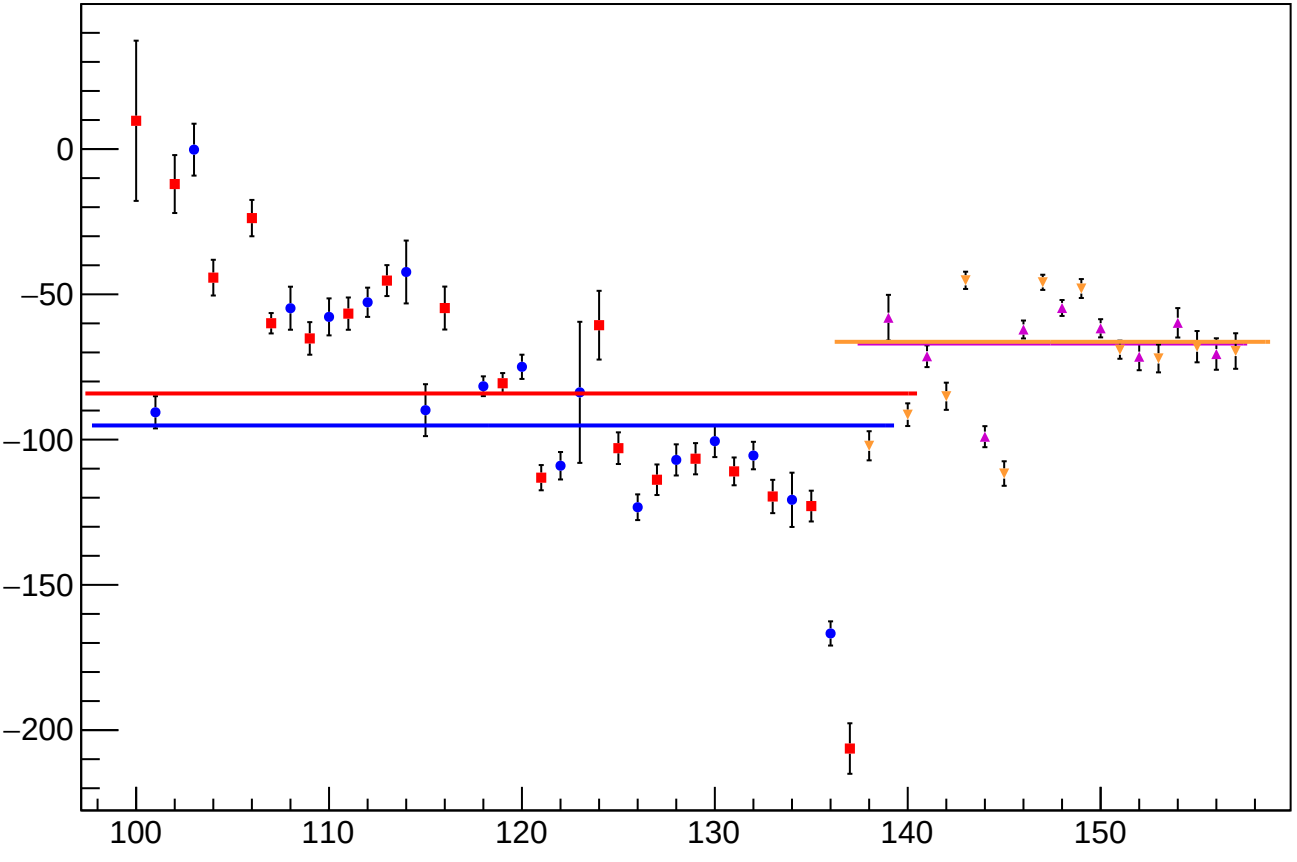
Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -255.869+/-1.244 χ^2/NDF:1174.0/25

Out: -236.892+/-1.153 χ^2/NDF:2804.8/29

All: -245.655+/-0.846 χ^2/NDF: 4103.9/55

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: -66.344+/-1.141 χ^2/NDF:370.1/10

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -66.931+/-1.266 χ^2/NDF:109.7/8

Left: -66.607+/-0.848 χ^2/NDF: 479.9/19

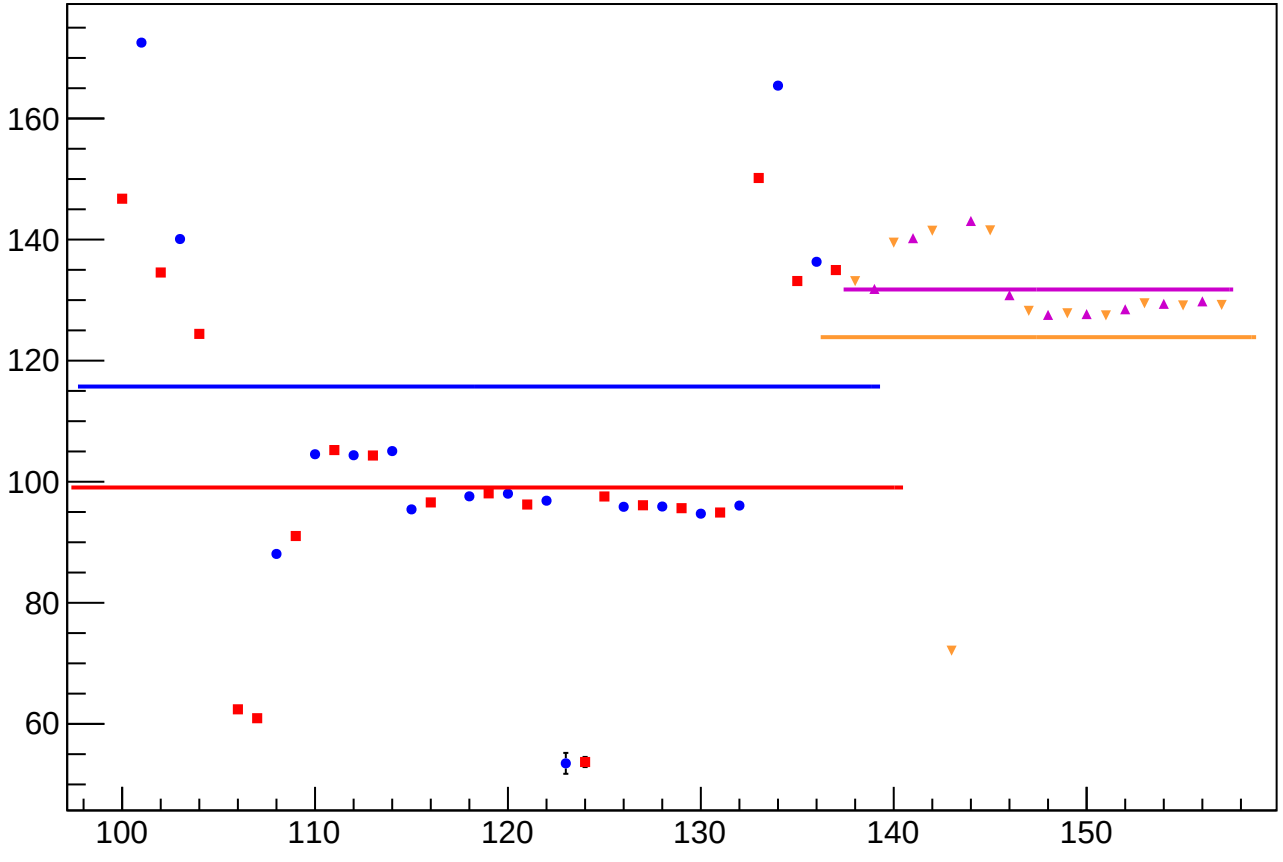
Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -80.423+/-0.915 χ^2/NDF:1021.9/25

Out: -74.361+/-0.845 χ^2/NDF:1262.5/29

All: -77.153+/-0.621 χ^2/NDF: 2308.1/55

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: 123.880+/-0.057 χ^2/NDF:140244.8/10

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 131.754+/-0.062 χ^2/NDF:7081.0/8

Left: 127.544+/-0.042 χ^2/NDF: 156081.2/19

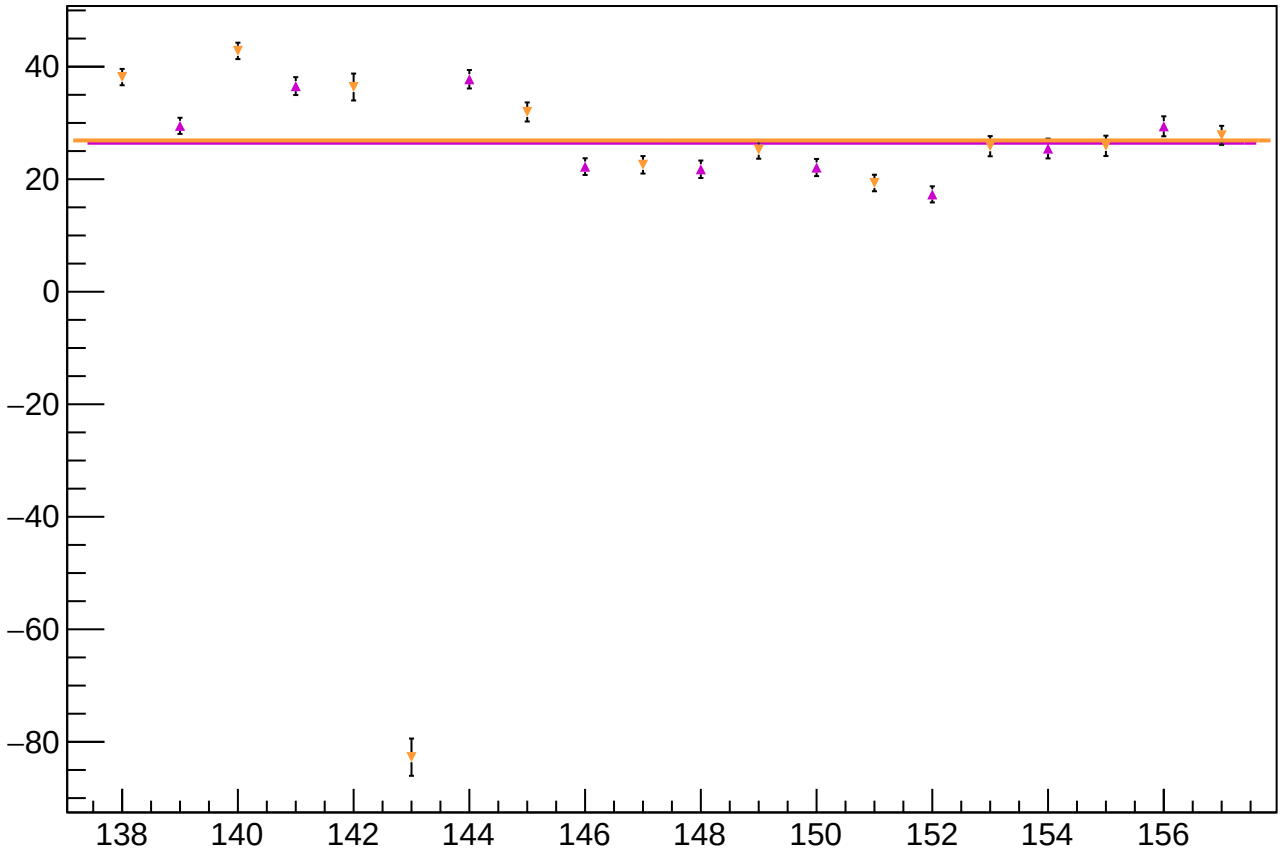
Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 125.603+/-0.048 χ^2/NDF:139513.2/25

Out: 113.635+/-0.044 χ^2/NDF:390887.5/29

All: 119.062+/-0.033 χ^2/NDF: 563946.9/55

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: 26.891+/-0.514 χ^2/NDF:1336.4/10

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

Left In: 26.483+/-0.521 χ^2/NDF:161.5/8

Left: 26.690+/-0.366 χ^2/NDF: 1498.2/19

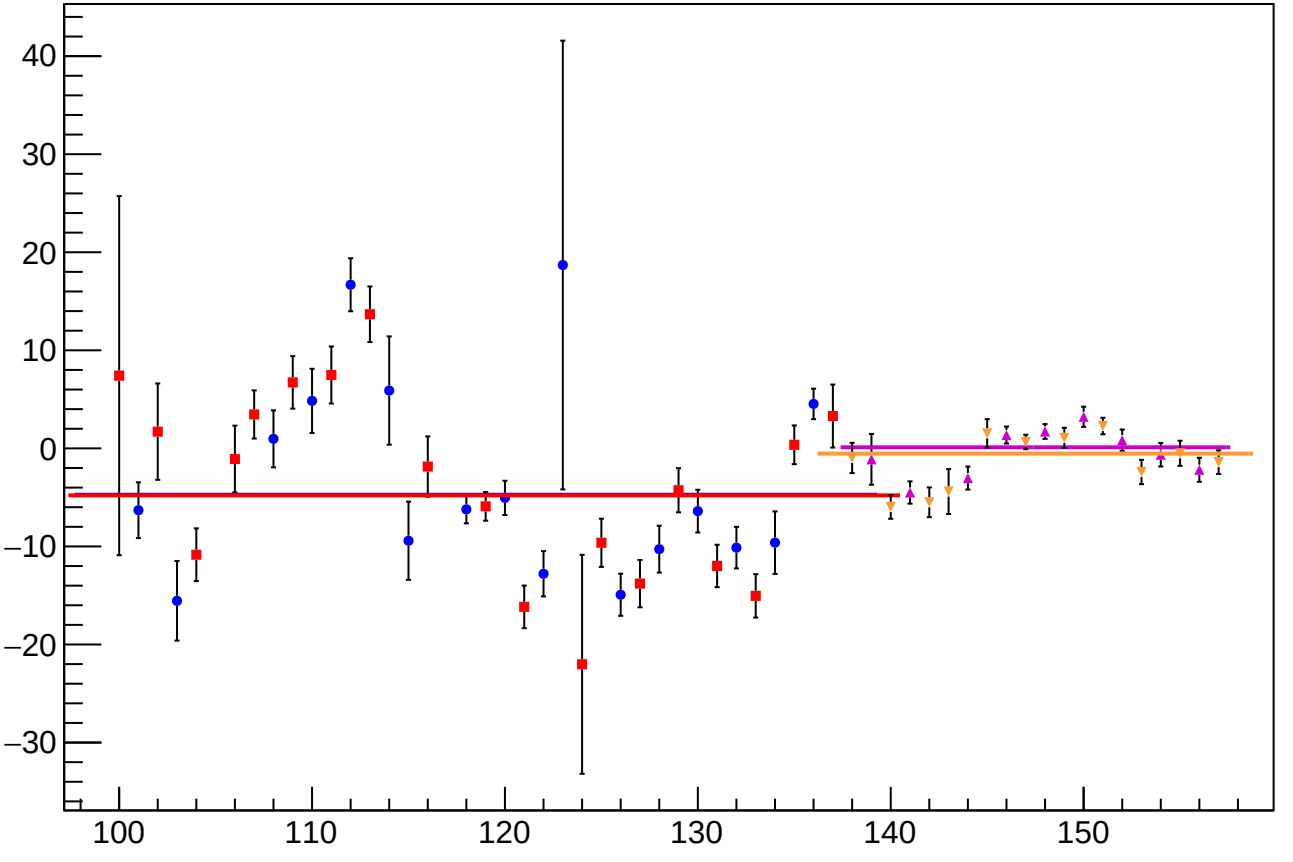
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 26.483+/-0.521 χ^2/NDF:161.5/8

Out: 26.891+/-0.514 χ^2/NDF:1336.4/10

All: 26.690+/-0.366 χ^2/NDF: 1498.2/19

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: -0.534+/-0.346 χ^2/NDF:55.2/10

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: 0.107+/-0.356 χ^2/NDF:43.9/8

Left: -0.223+/-0.248 χ^2/NDF: 100.7/19

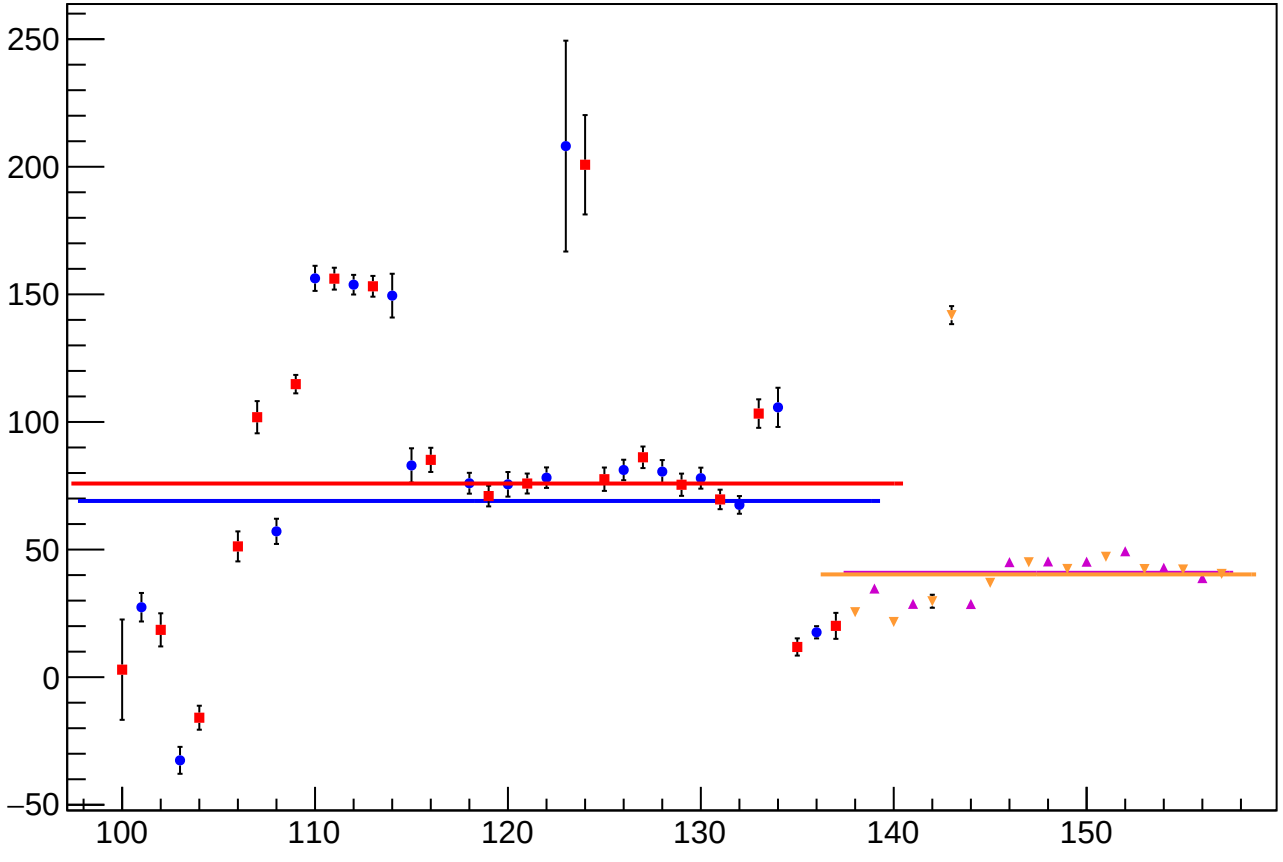
Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -1.218+/-0.303 χ^2/NDF:269.3/25

Out: -1.636+/-0.298 χ^2/NDF:287.8/29

All: -1.431+/-0.213 χ^2/NDF: 558.1/55

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: 40.268+/-0.505 χ^2/NDF:1119.1/10

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 40.893+/-0.511 χ^2/NDF:184.3/8

Left: 40.577+/-0.359 χ^2/NDF: 1304.2/19

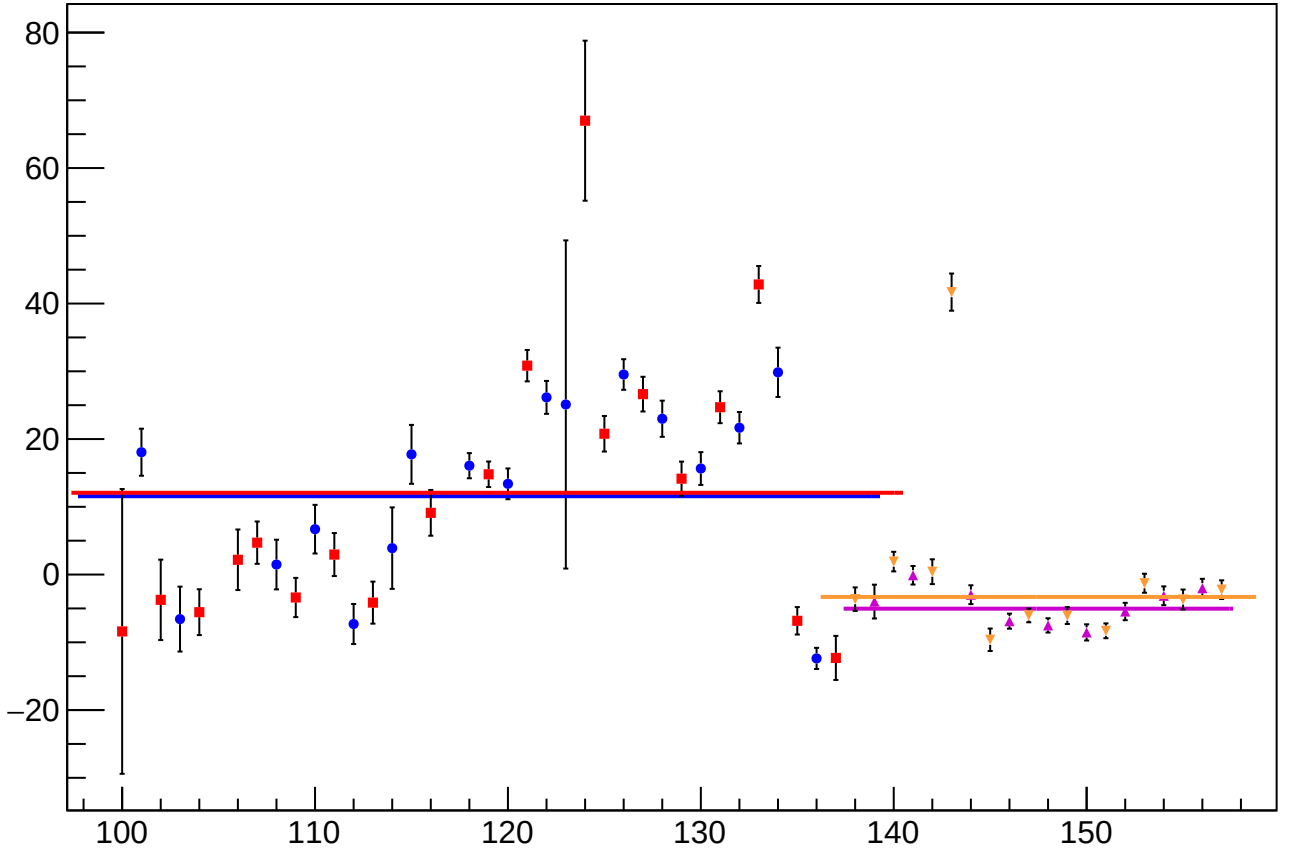
Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 46.072+/-0.462 χ^2/NDF:2590.3/25

Out: 46.764+/-0.457 χ^2/NDF:3920.5/29

All: 46.422+/-0.325 χ^2/NDF: 6511.9/55

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: -3.303+/-0.424 χ^2/NDF:336.5/10

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -5.034+/-0.436 χ^2/NDF:38.9/8

Left: -4.146+/-0.304 χ^2/NDF: 383.5/19

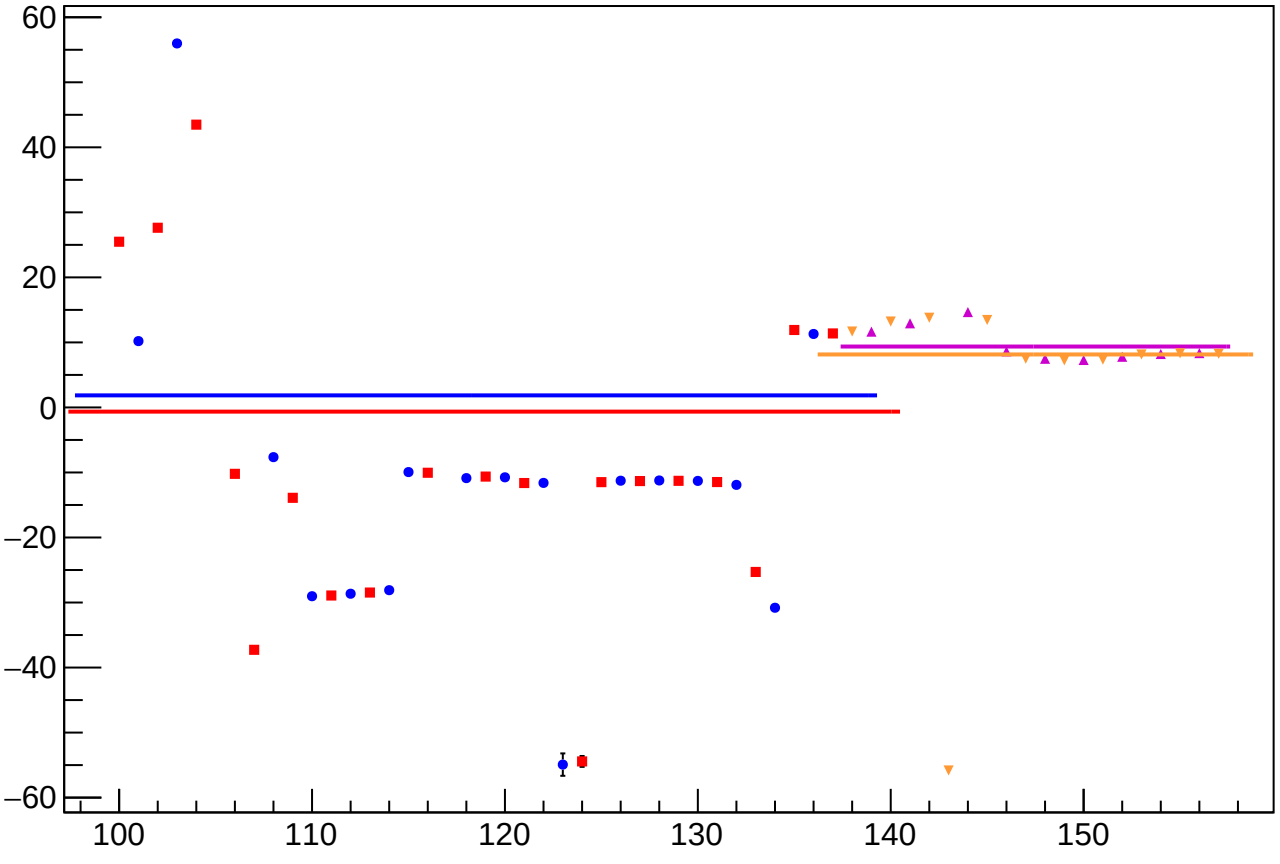
Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: 0.022+/-0.363 χ^2/NDF:959.4/25

Out: 1.151+/-0.358 χ^2/NDF:1260.0/29

All: 0.596+/-0.255 χ^2/NDF: 2224.3/55

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: 8.148+/-0.020 χ^2/NDF:222440.2/10

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 9.365+/-0.020 χ^2/NDF:13050.7/8

Left: 8.751+/-0.014 χ^2/NDF: 237329.2/19

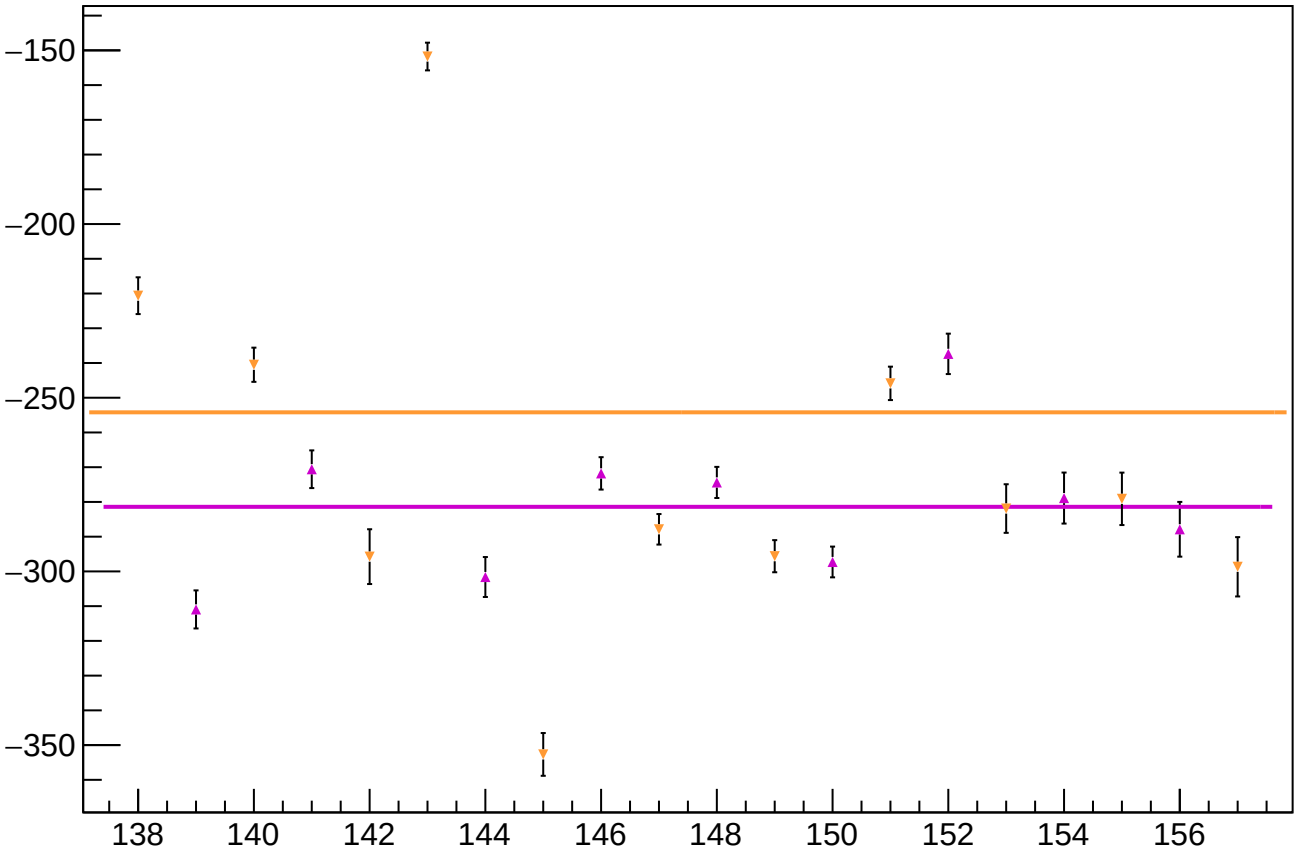
Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 7.645+/-0.018 χ^2/NDF:404227.8/25

Out: 6.164+/-0.018 χ^2/NDF:627666.6/29

All: 6.900+/-0.012 χ^2/NDF: 1035410.1/55

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: -254.202+/-1.631 χ^2/NDF:1186.5/10

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

Left In: -281.406+/-1.800 χ^2/NDF:123.0/8

Left: -266.468+/-1.209 χ^2/NDF: 1434.9/19

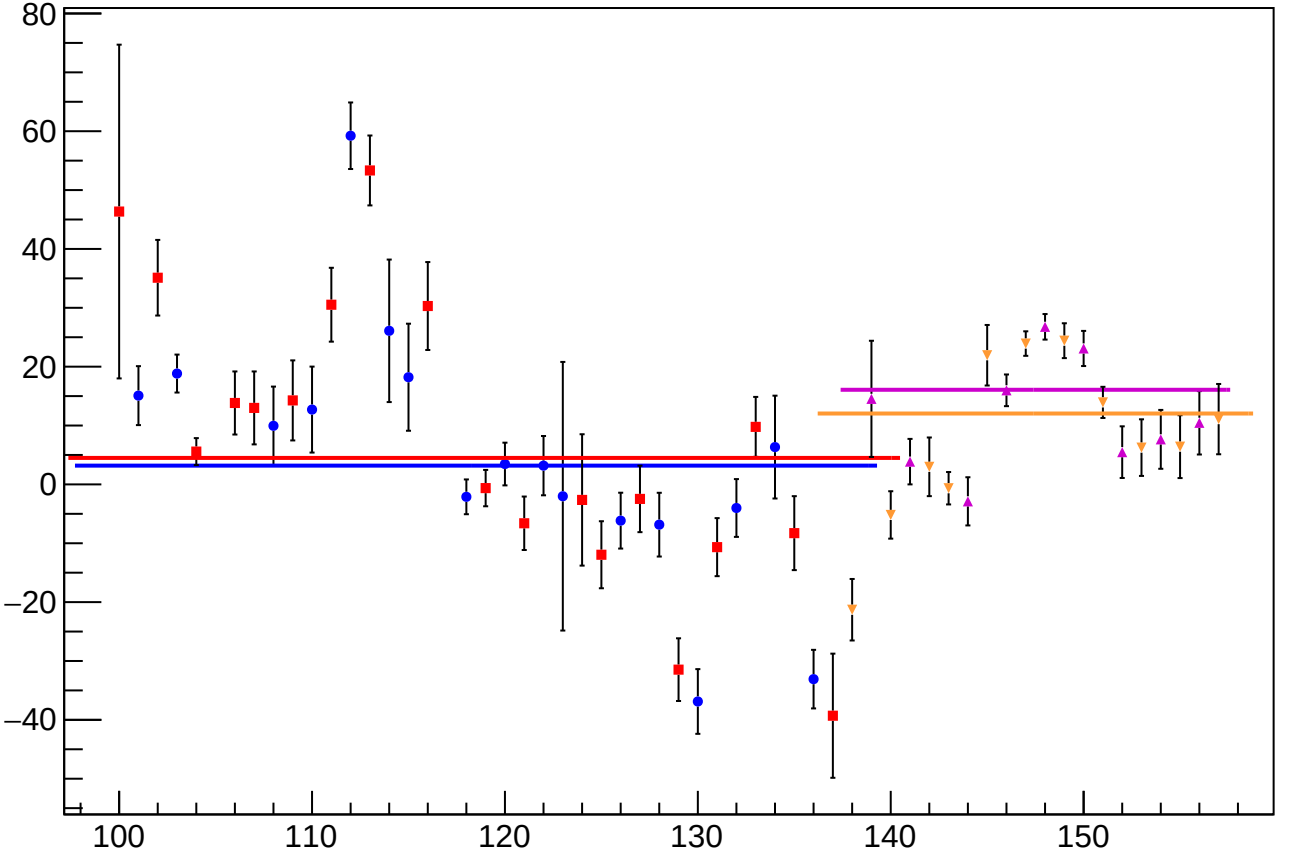
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -281.406+/-1.800 χ^2/NDF:123.0/8

Out: -254.202+/-1.631 χ^2/NDF:1186.5/10

All: -266.468+/-1.209 χ^2/NDF: 1434.9/19

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: 12.041+/-1.053 χ^2/NDF:140.4/10

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 16.074+/-1.174 χ^2/NDF:71.0/8

Left: 13.839+/-0.784 χ^2/NDF: 218.0/19

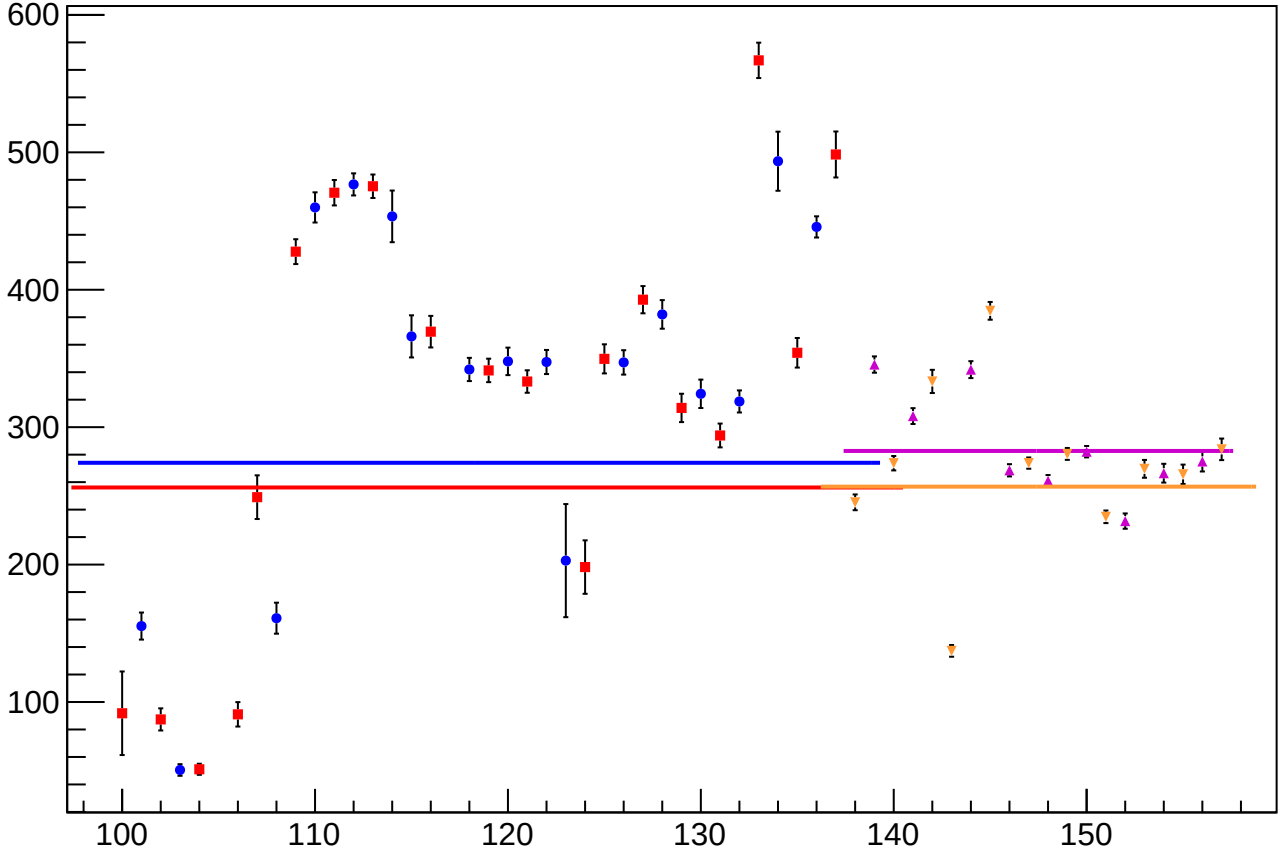
Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 9.908+/-0.848 χ^2/NDF:384.3/25

Out: 8.633+/-0.779 χ^2/NDF:389.0/29

All: 9.217+/-0.574 χ^2/NDF: 774.6/55

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: 256.723+/-1.621 χ^2/NDF:1365.6/10

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 282.699+/-1.760 χ^2/NDF:351.5/8

Left: 268.644+/-1.192 χ^2/NDF: 1835.0/19

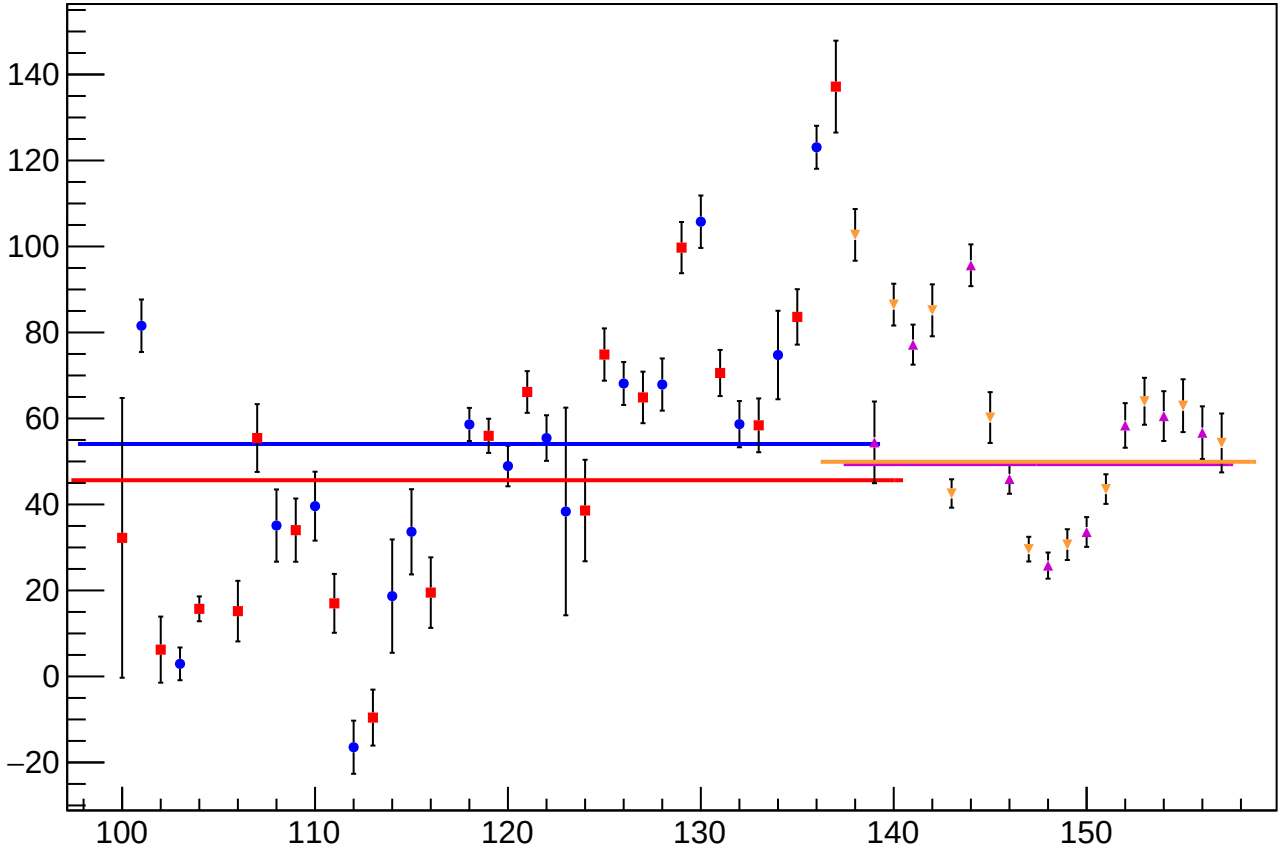
Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 279.318+/-1.372 χ^2/NDF:5472.9/25

Out: 256.491+/-1.279 χ^2/NDF:7809.7/29

All: 267.100+/-0.935 χ^2/NDF: 13430.7/55

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: 49.924+/-1.310 χ^2/NDF:269.5/10

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 49.373+/-1.460 χ^2/NDF:216.9/8

Left: 49.678+/-0.975 χ^2/NDF: 486.5/19

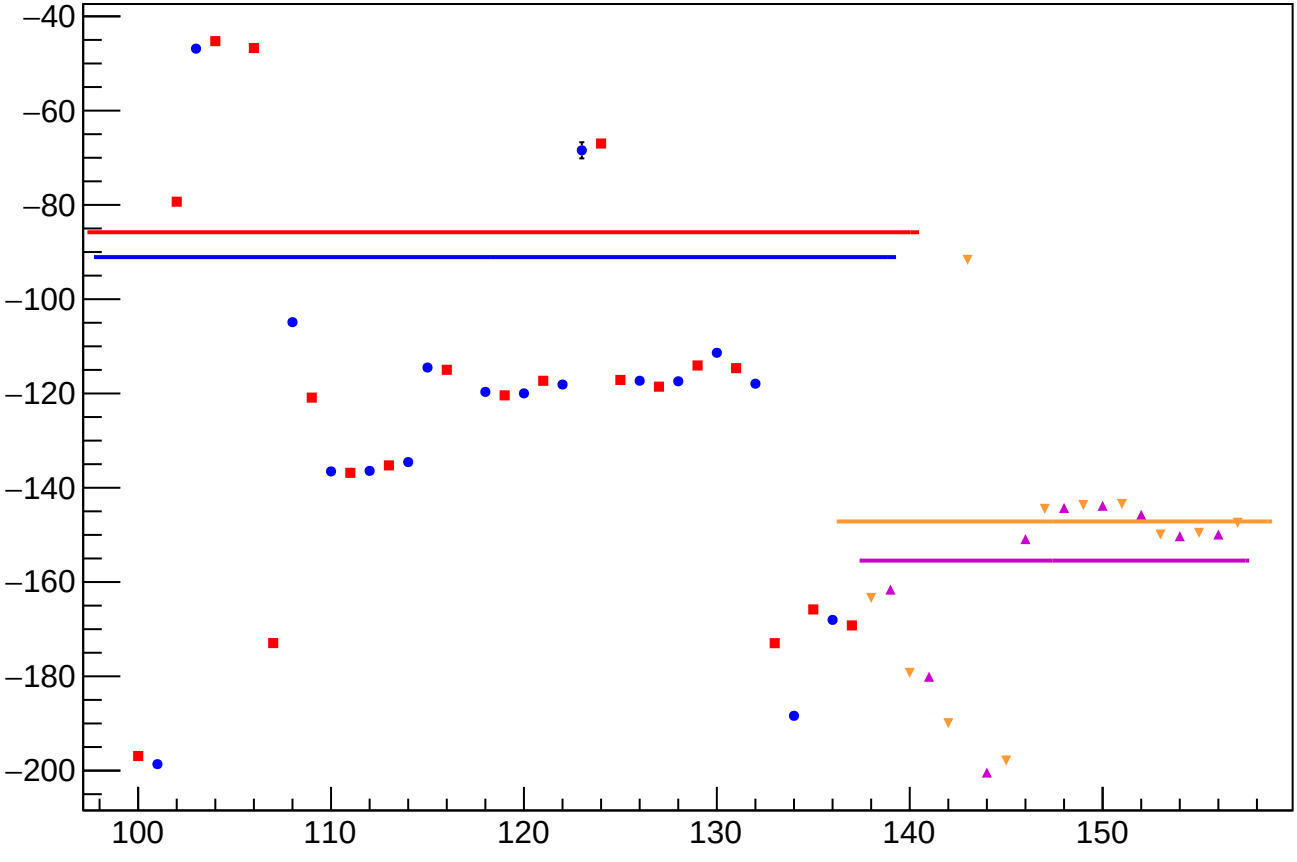
Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 51.784+/-1.018 χ^2/NDF:856.6/25

Out: 47.859+/-0.943 χ^2/NDF:805.5/29

All: 49.672+/-0.692 χ^2/NDF: 1670.0/55

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: -147.153+/-0.066 χ^2/NDF:186771.5/10

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -155.450+/-0.071 χ^2/NDF:51436.4/8

Left: -151.010+/-0.049 χ^2/NDF: 245450.3/19

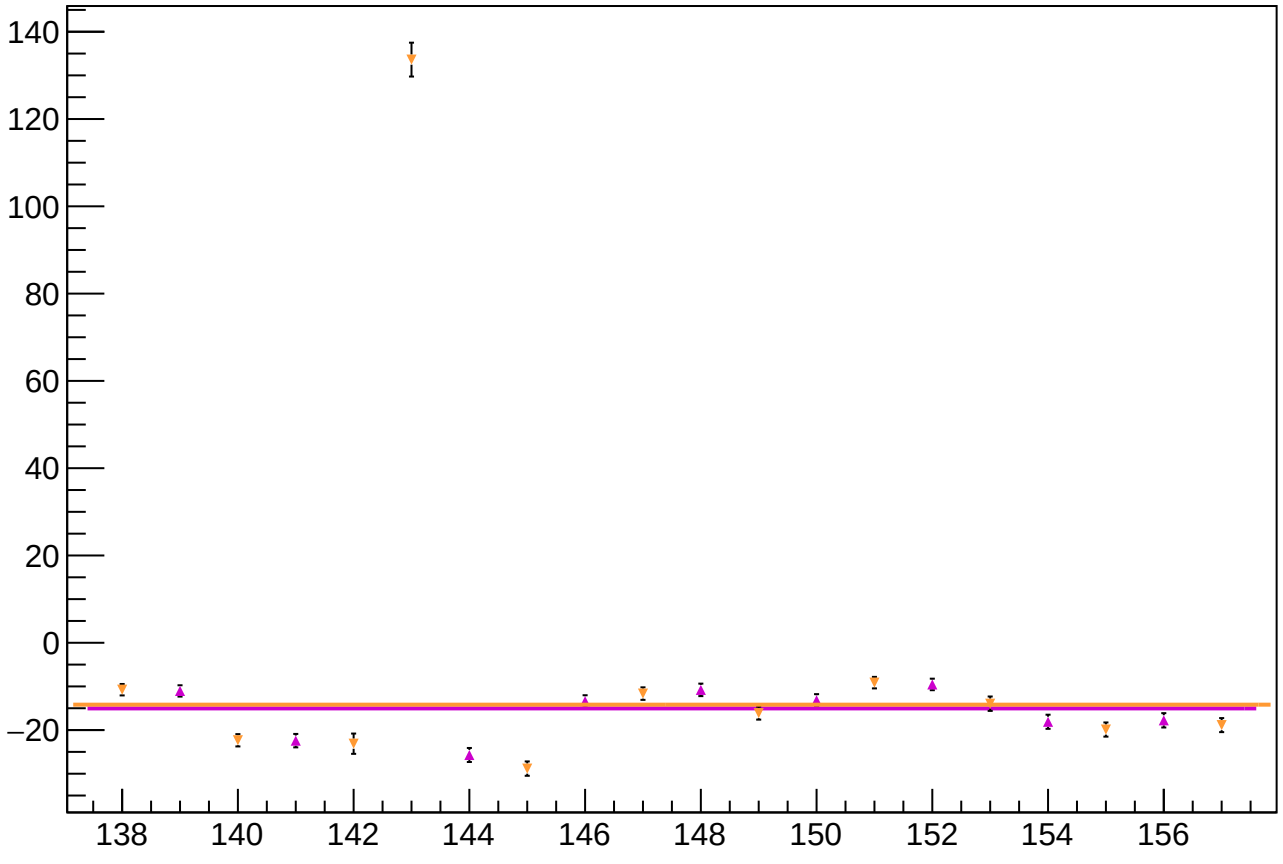
Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -121.507+/-0.049 χ^2/NDF:1015703.2/25

Out: -115.809+/-0.046 χ^2/NDF:1117825.1/29

All: -118.506+/-0.034 χ^2/NDF: 2140638.9/55

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: -14.180+/-0.480 χ^2/NDF:1624.5/10

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

Left In: -15.040+/-0.485 χ^2/NDF:112.2/8

Left: -14.606+/-0.341 χ^2/NDF: 1738.3/19

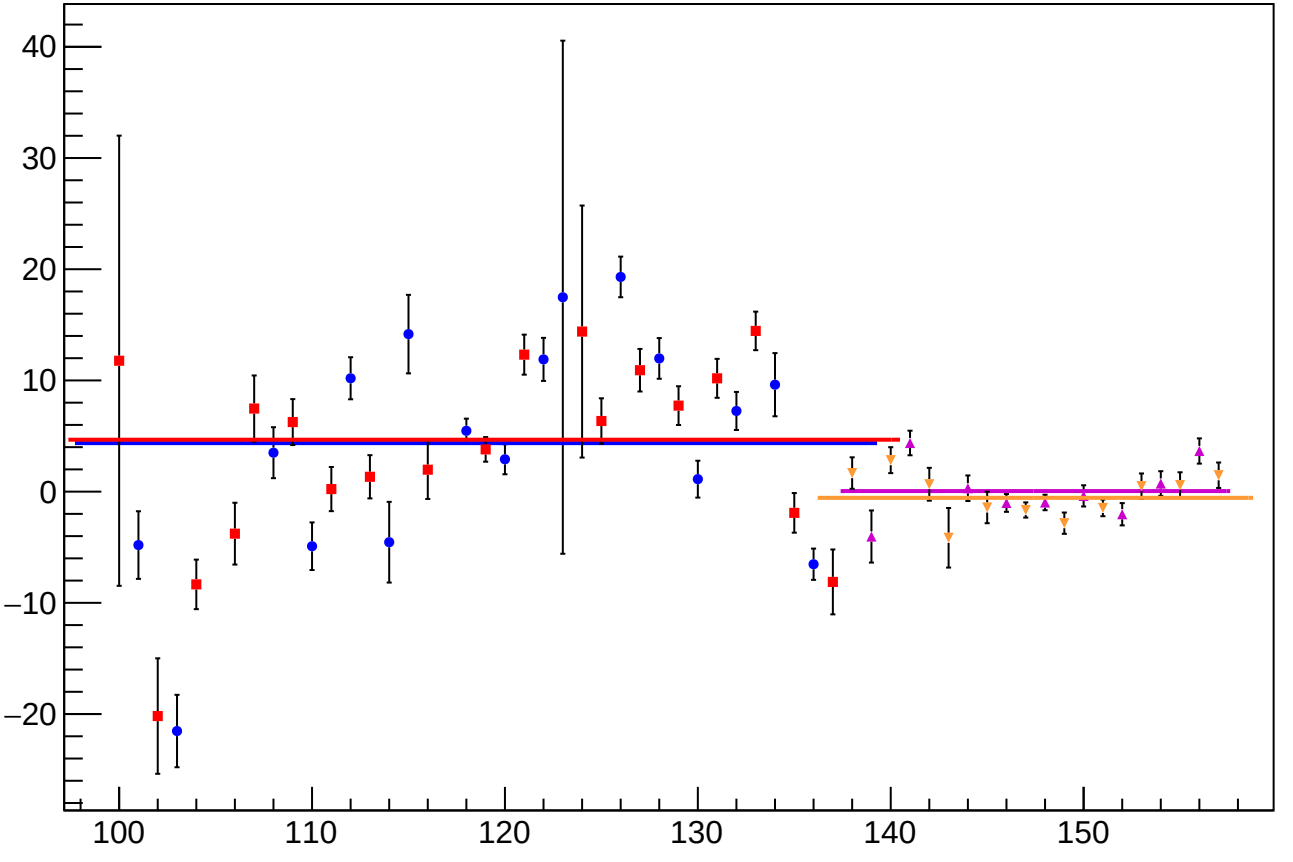
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.040+/-0.485 χ^2/NDF:112.2/8

Out: -14.180+/-0.480 χ^2/NDF:1624.5/10

All: -14.606+/-0.341 χ^2/NDF: 1738.3/19

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: -0.557+/-0.322 χ^2/NDF:28.5/10

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 0.050+/-0.332 χ^2/NDF:37.3/8

Left: -0.263+/-0.231 χ^2/NDF: 67.5/19

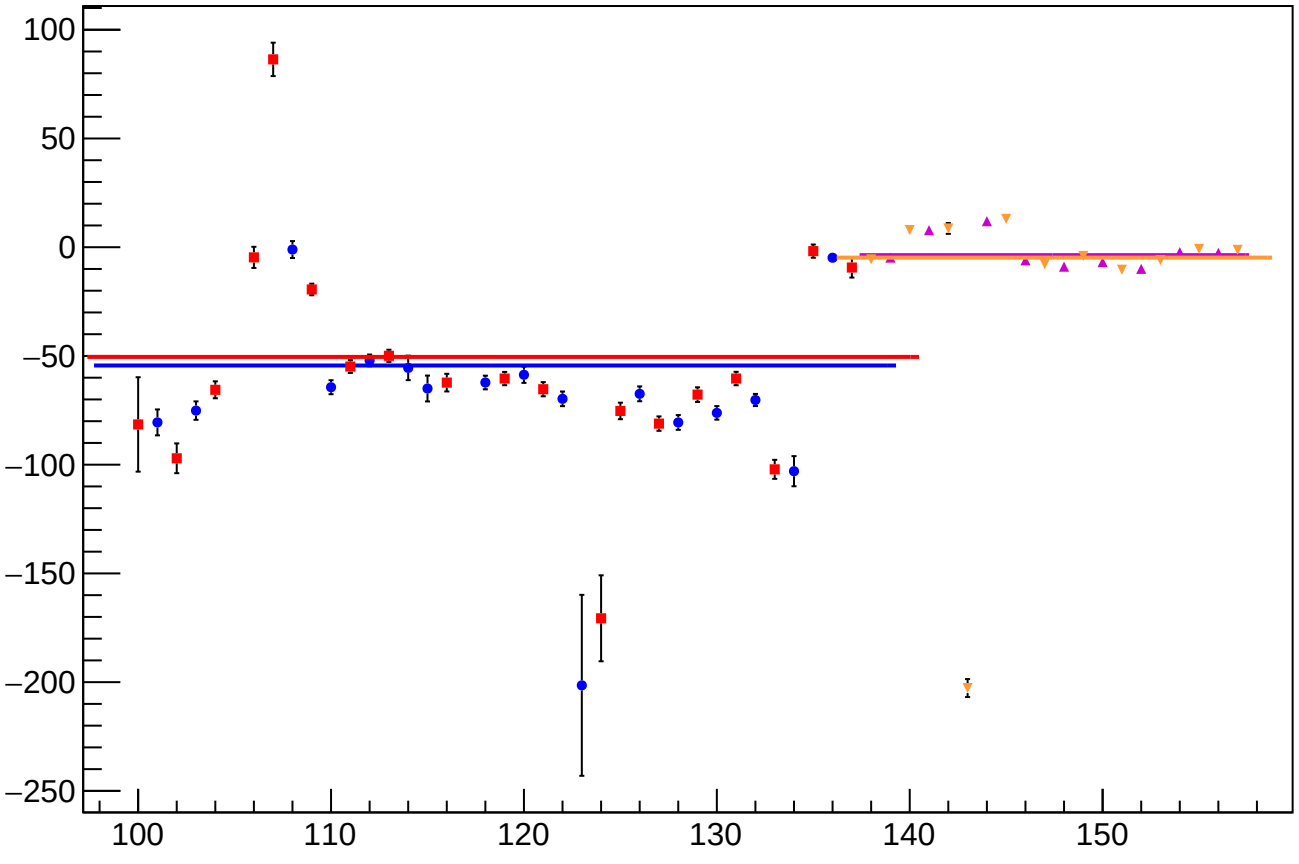
Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 1.509+/-0.270 χ^2/NDF:380.9/25

Out: 1.093+/-0.266 χ^2/NDF:297.0/29

All: 1.298+/-0.190 χ^2/NDF: 679.1/55

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: -4.780+/-0.471 χ^2/NDF:2529.7/10

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -3.646+/-0.475 χ^2/NDF:183.0/8

Left: -4.218+/-0.334 χ^2/NDF: 2715.6/19

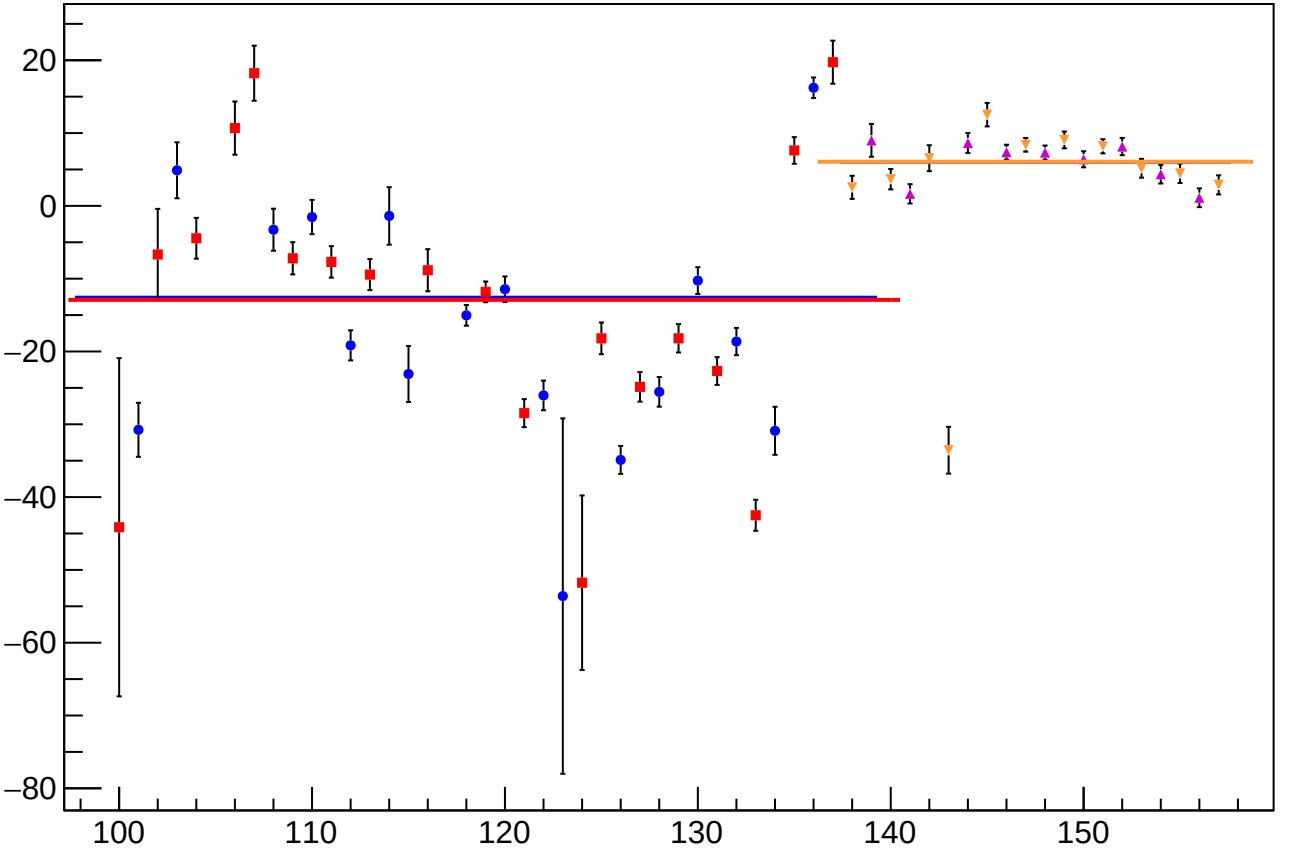
Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -15.459+/-0.416 χ^2/NDF:3852.2/25

Out: -15.359+/-0.413 χ^2/NDF:6033.5/29

All: -15.408+/-0.293 χ^2/NDF: 9885.7/55

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: 6.061+/-0.396 χ^2/NDF:201.6/10

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 6.027+/-0.406 χ^2/NDF:39.3/8

Left: 6.044+/-0.283 χ^2/NDF: 240.9/19

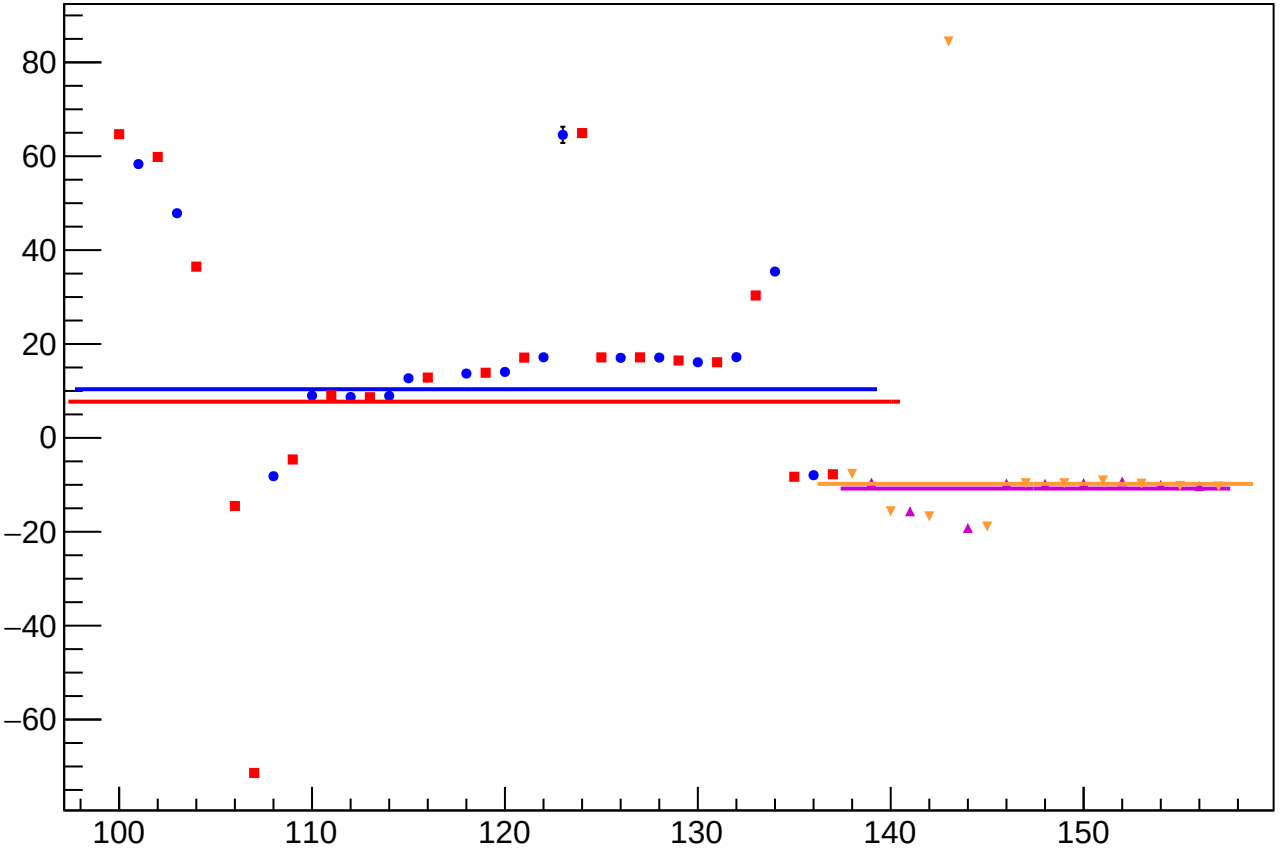
Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: -0.869+/-0.322 χ^2/NDF:1606.6/25

Out: -0.595+/-0.319 χ^2/NDF:1738.6/29

All: -0.730+/-0.227 χ^2/NDF: 3345.6/55

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: -9.795+/-0.019 χ^2/NDF:354698.3/10

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -10.794+/-0.019 χ^2/NDF:20827.7/8

Left: -10.292+/-0.013 χ^2/NDF: 376957.2/19

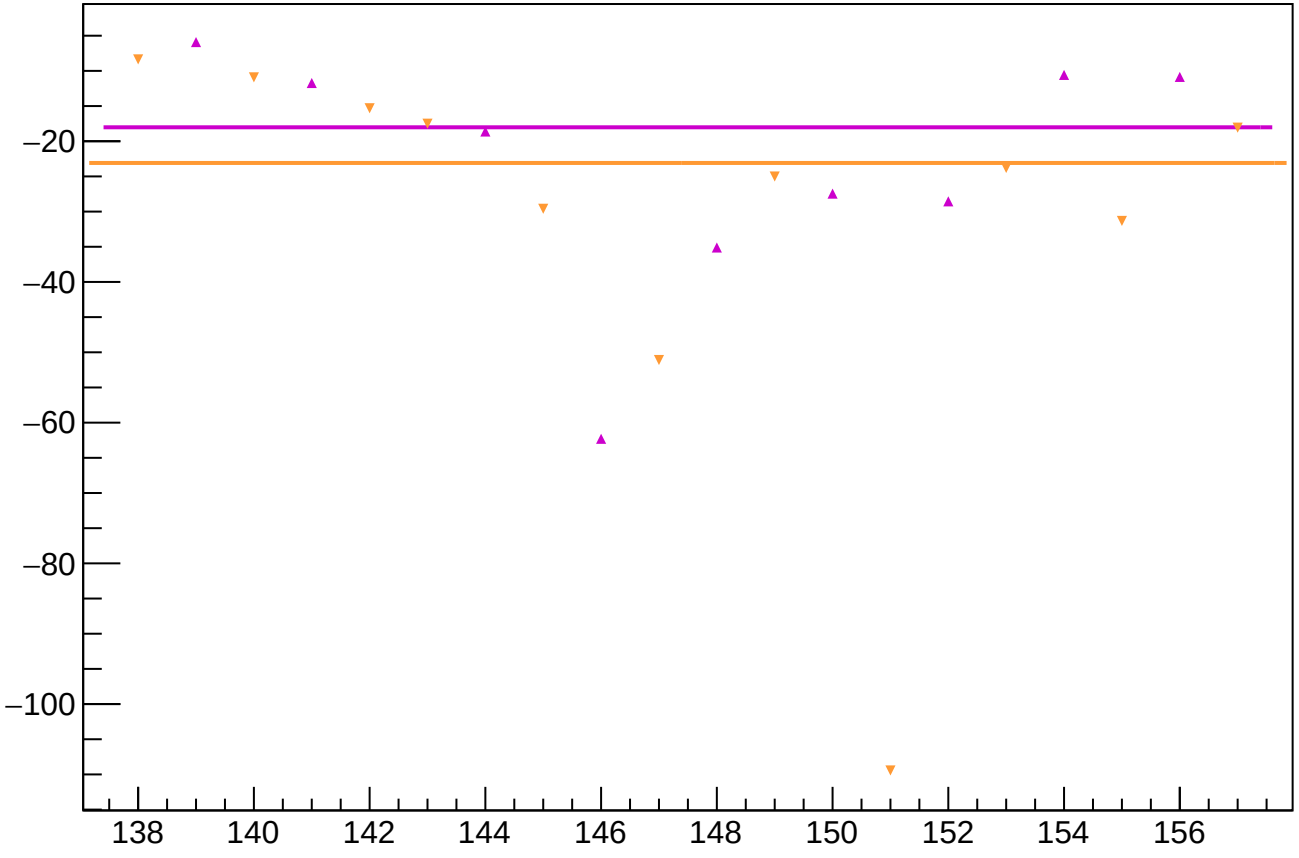
Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: -5.015+/-0.016 χ^2/NDF:750845.4/25

Out: -5.205+/-0.016 χ^2/NDF:1131501.1/29

All: -5.110+/-0.011 χ^2/NDF: 1882417.7/55

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: -23.087+/-0.081 χ^2/NDF:50366.3/10

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

Left In: -18.019+/-0.071 χ^2/NDF:36050.6/8

Left: -20.226+/-0.053 χ^2/NDF: 88631.0/19

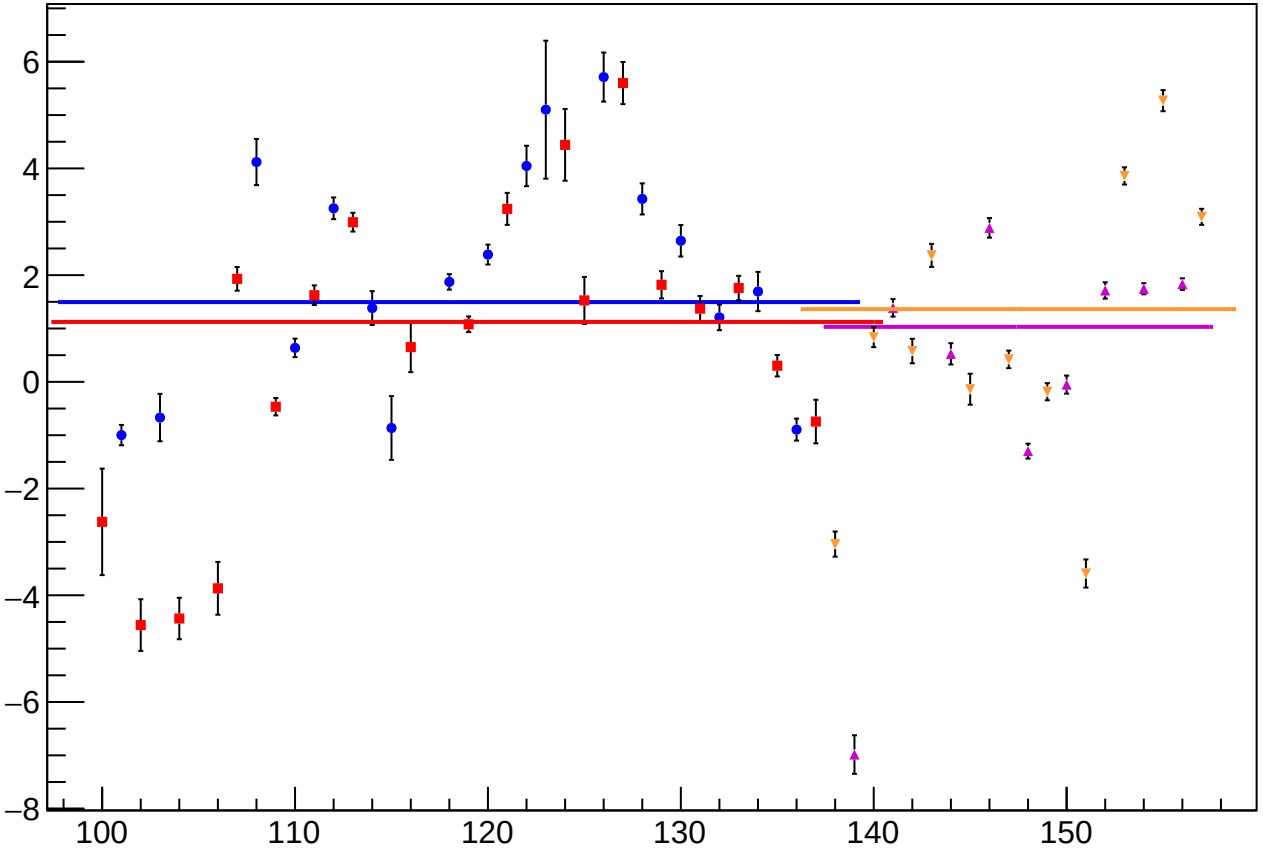
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.019+/-0.071 χ^2/NDF:36050.6/8

Out: -23.087+/-0.081 χ^2/NDF:50366.3/10

All: -20.226+/-0.053 χ^2/NDF: 88631.0/19

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: 1.363+/-0.058 χ^2/NDF:1659.9/10

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 1.031+/-0.050 χ^2/NDF:1046.6/8

Left: 1.172+/-0.038 χ^2/NDF: 2725.5/19

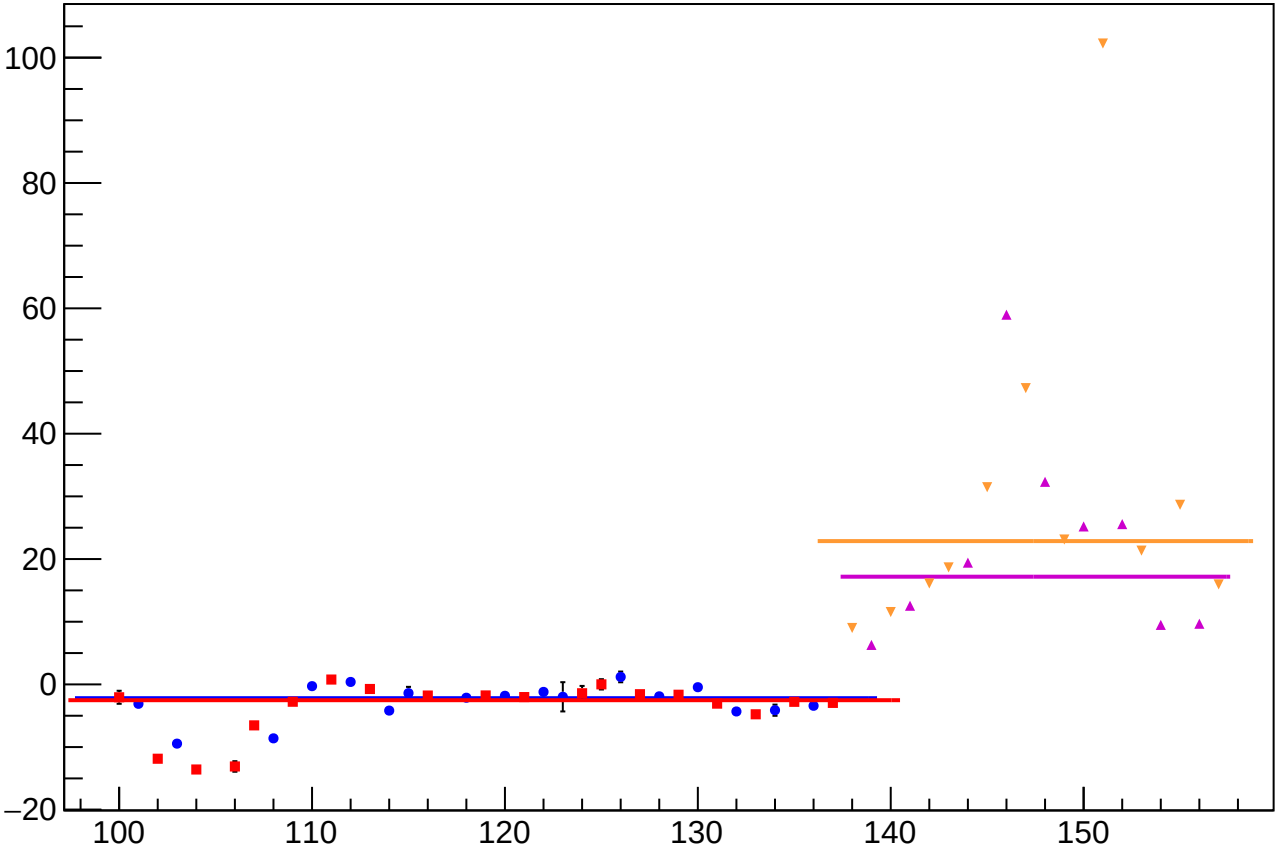
Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 1.216+/-0.039 χ^2/NDF:1790.2/25

Out: 1.244+/-0.041 χ^2/NDF:2614.9/29

All: 1.229+/-0.028 χ^2/NDF: 4405.4/55

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: 22.864+/-0.080 χ^2/NDF:45476.2/10

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 17.185+/-0.069 χ^2/NDF:33996.6/8

Left: 19.598+/-0.052 χ^2/NDF: 82375.9/19

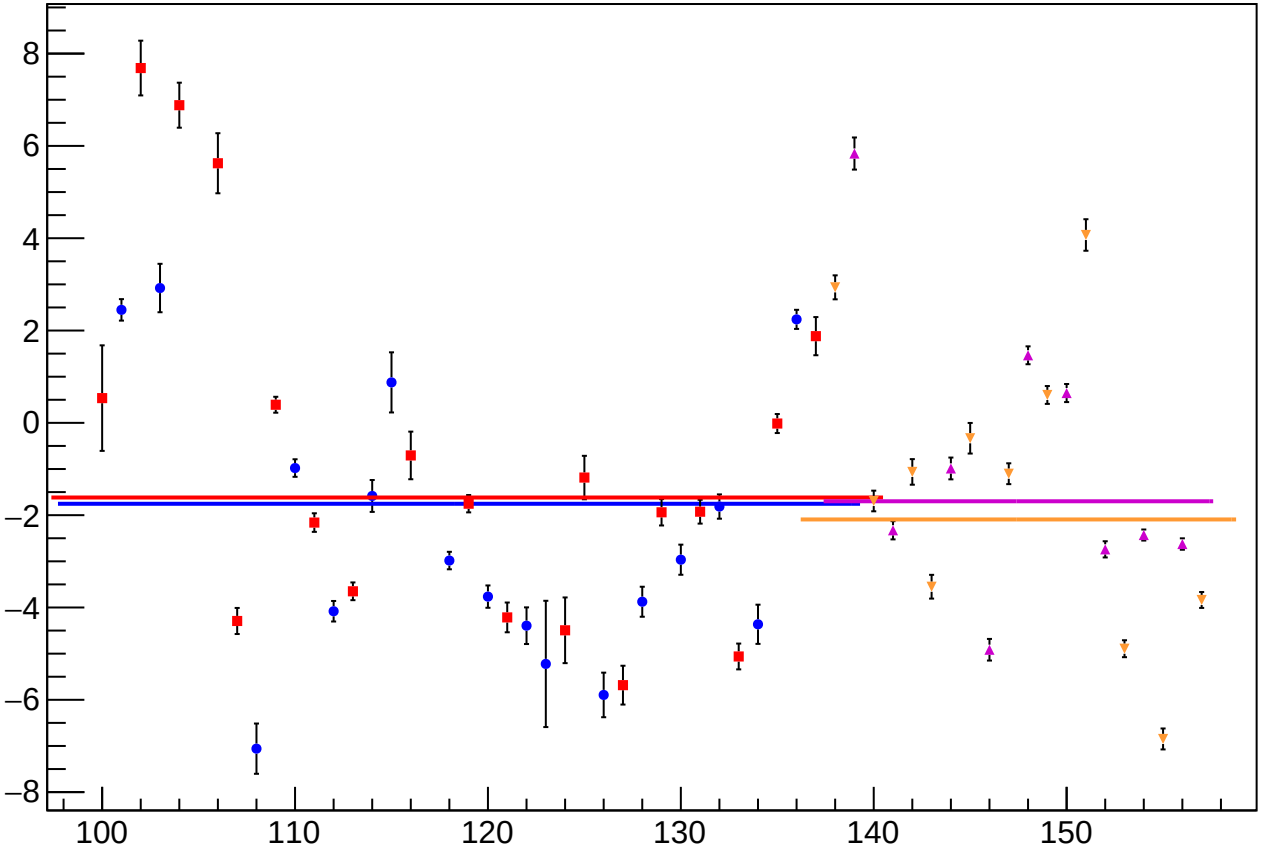
Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 11.785+/-0.058 χ^2/NDF:56626.0/25

Out: 12.842+/-0.062 χ^2/NDF:86204.5/29

All: 12.280+/-0.043 χ^2/NDF: 142983.9/55

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: -2.093+/-0.069 χ^2/NDF:1765.6/10

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -1.699+/-0.059 χ^2/NDF:1215.1/8

Left: -1.864+/-0.045 χ^2/NDF: 2999.6/19

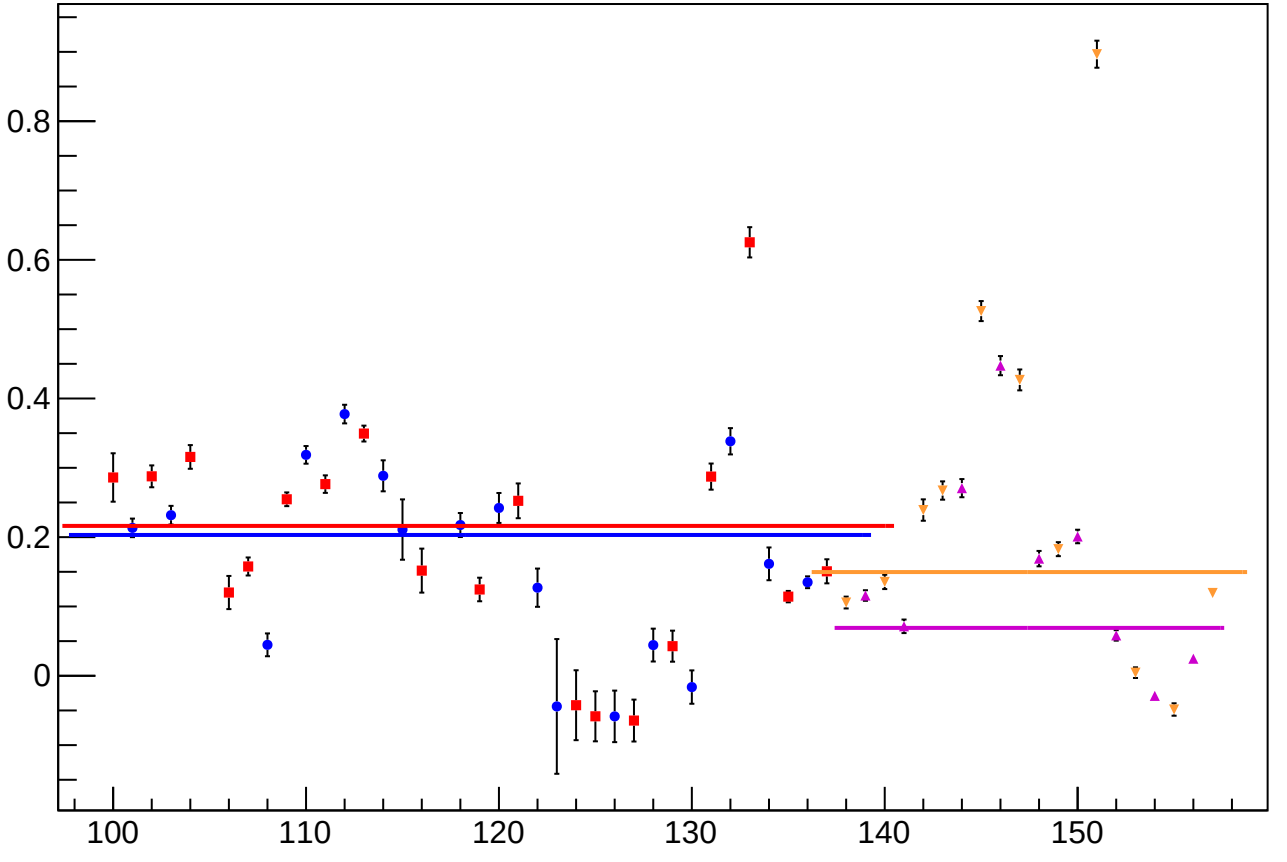
Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -1.721+/-0.045 χ^2/NDF:2560.4/25

Out: -1.843+/-0.048 χ^2/NDF:3278.0/29

All: -1.779+/-0.033 χ^2/NDF: 5842.0/55

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: 0.150+/-0.003 χ^2/NDF:3499.0/10

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.069+/-0.003 χ^2/NDF:1770.0/8

Left: 0.102+/-0.002 χ^2/NDF: 5685.8/19

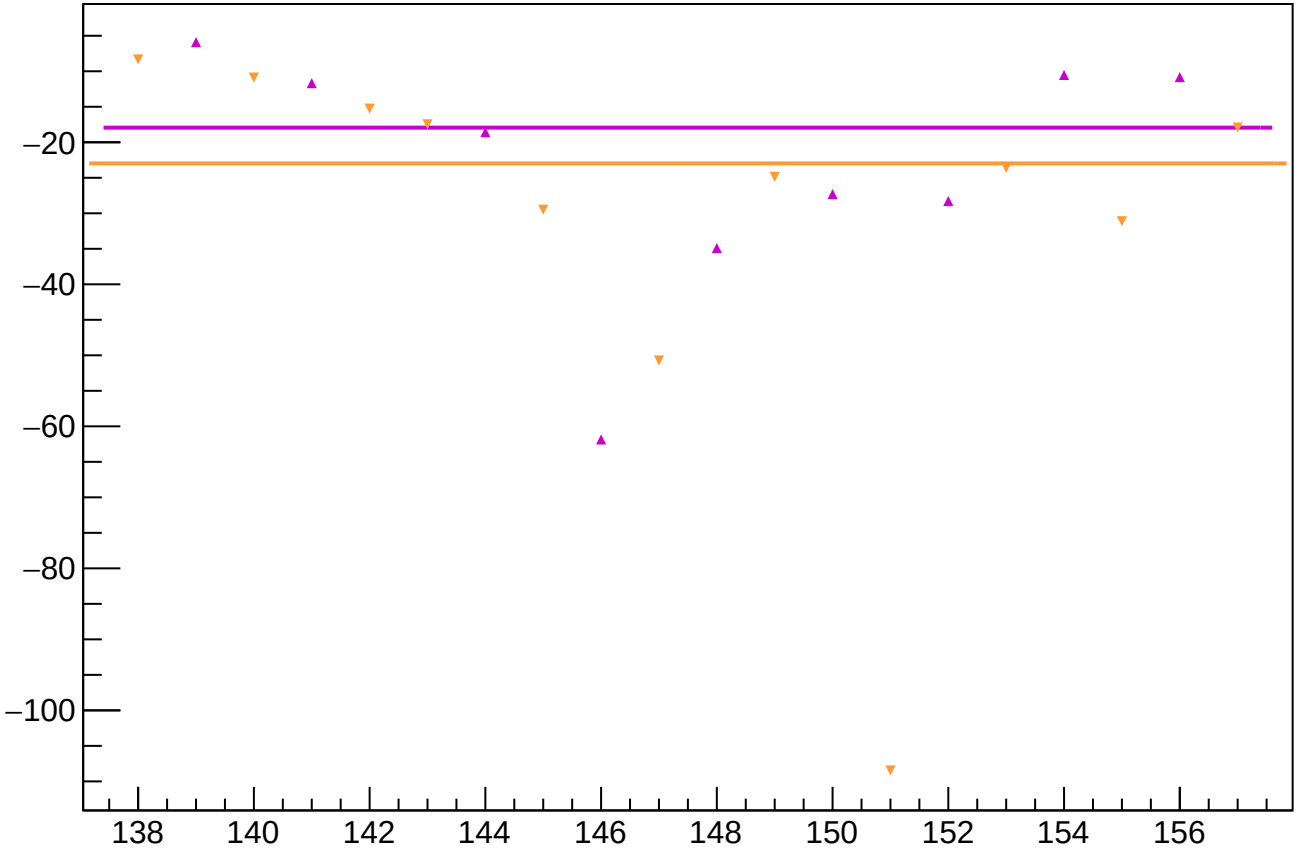
Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.105+/-0.002 χ^2/NDF:3217.1/25

Out: 0.177+/-0.002 χ^2/NDF:4759.5/29

All: 0.138+/-0.002 χ^2/NDF: 8483.0/55

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: -22.978+/-0.080 χ^2/NDF:50256.8/10

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

Left In: -17.939+/-0.071 χ^2/NDF:35975.7/8

Left: -20.134+/-0.053 χ^2/NDF: 88448.7/19

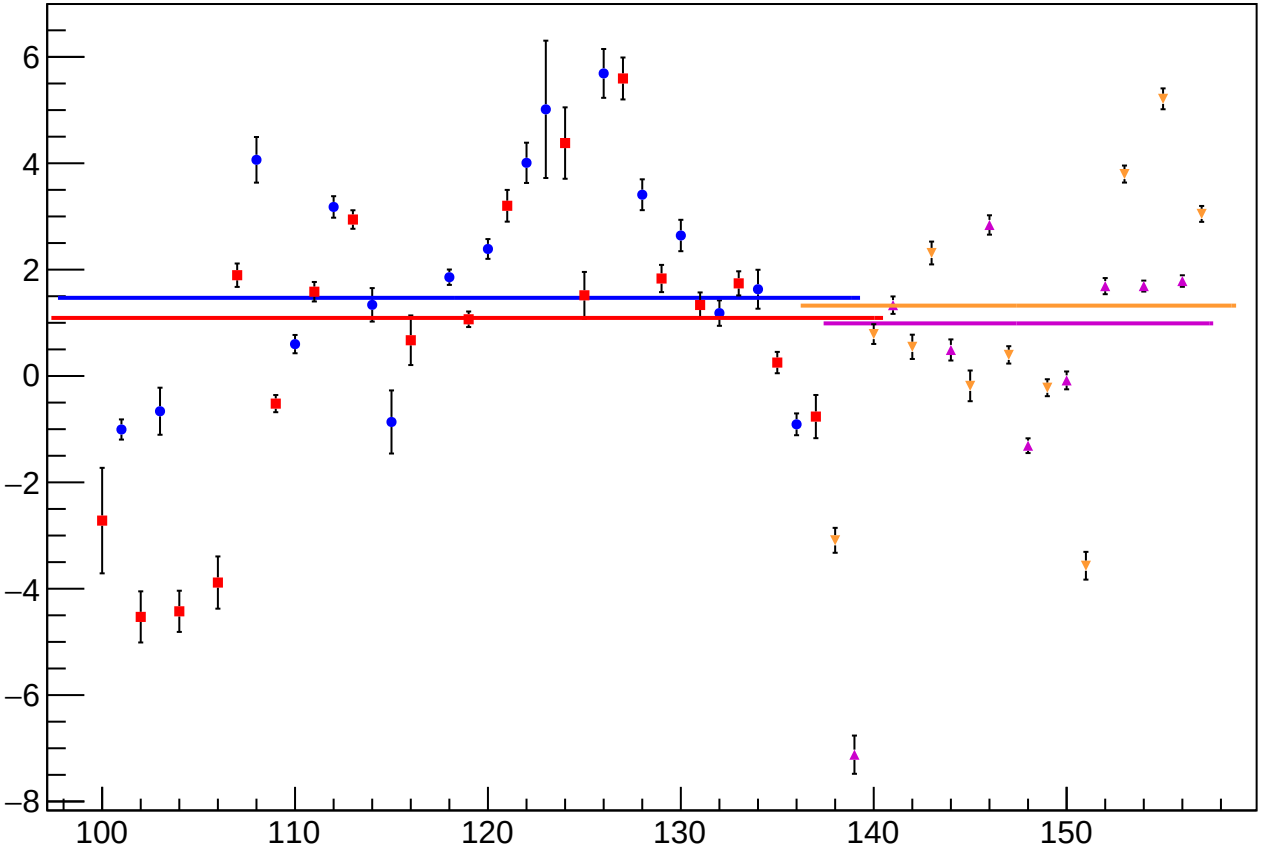
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.939+/-0.071 χ^2/NDF:35975.7/8

Out: -22.978+/-0.080 χ^2/NDF:50256.8/10

All: -20.134+/-0.053 χ^2/NDF: 88448.7/19

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: 1.323+/-0.058 χ^2/NDF:1664.6/10

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 0.989+/-0.049 χ^2/NDF:1060.6/8

Left: 1.131+/-0.037 χ^2/NDF: 2744.5/19

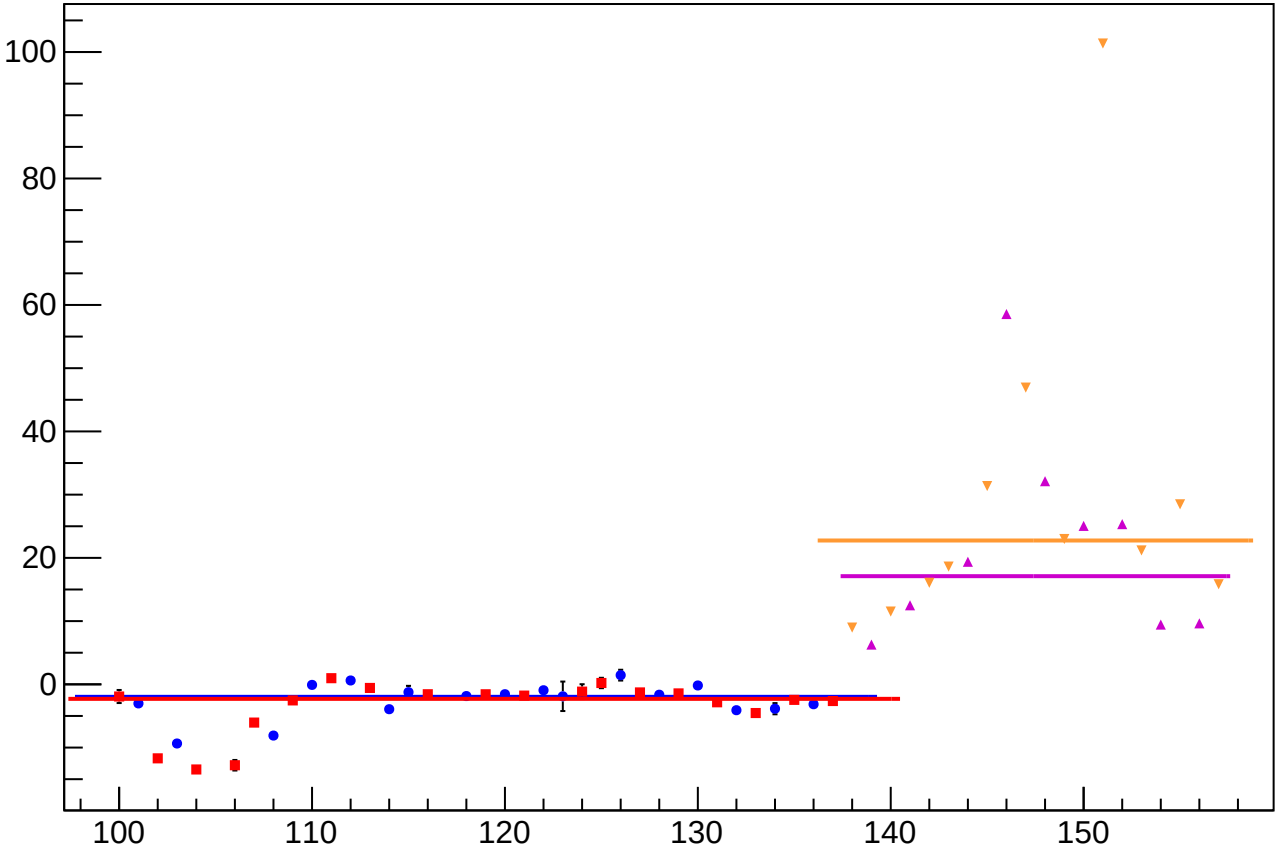
Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 1.180+/-0.038 χ^2/NDF:1806.1/25

Out: 1.208+/-0.041 χ^2/NDF:2624.7/29

All: 1.193+/-0.028 χ^2/NDF: 4431.0/55

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: 22.749+/-0.079 χ^2/NDF:45392.2/10

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 17.106+/-0.068 χ^2/NDF:33932.2/8

Left: 19.505+/-0.052 χ^2/NDF: 82226.5/19

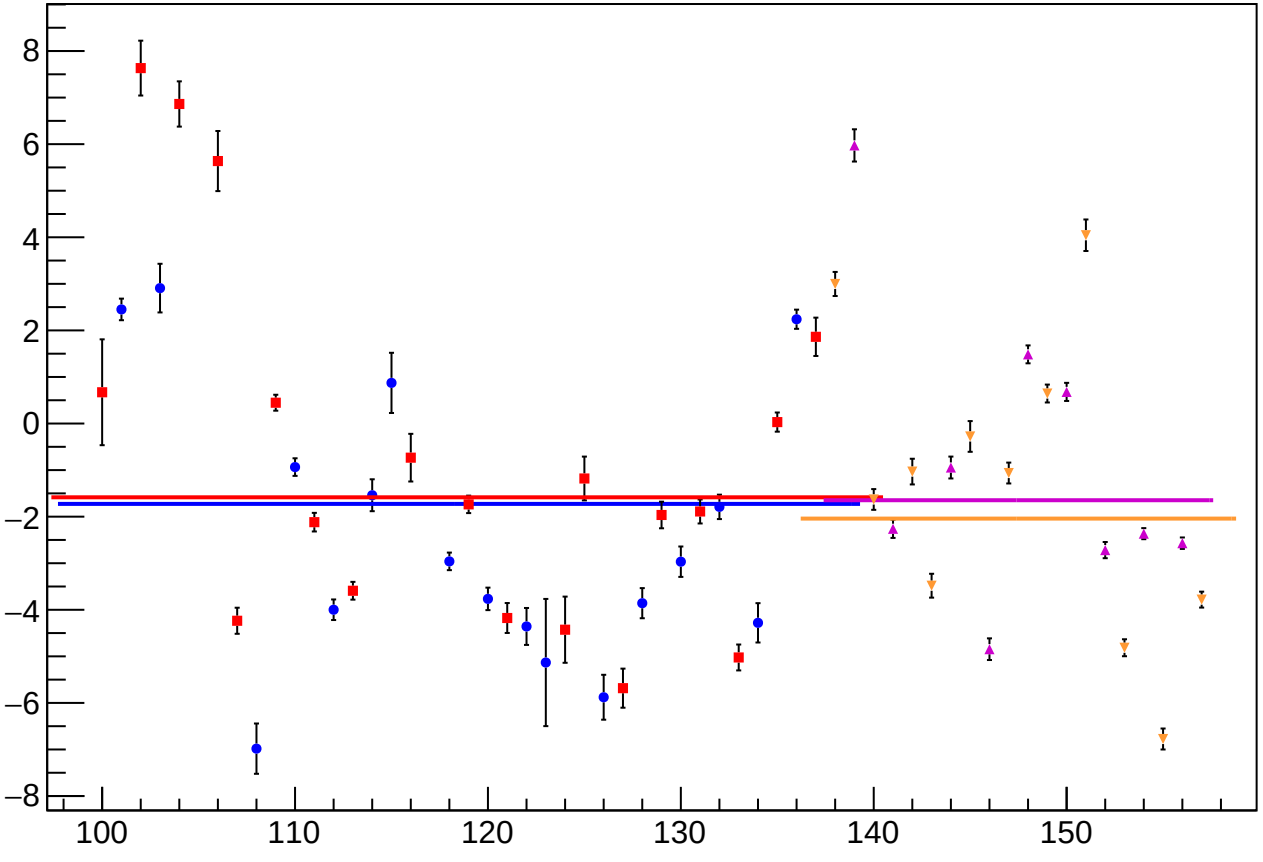
Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 11.801+/-0.058 χ^2/NDF:56108.3/25

Out: 12.873+/-0.062 χ^2/NDF:85506.2/29

All: 12.303+/-0.042 χ^2/NDF: 141774.6/55

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: -2.041+/-0.069 χ^2/NDF:1771.4/10

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -1.647+/-0.058 χ^2/NDF:1230.9/8

Left: -1.812+/-0.044 χ^2/NDF: 3021.5/19

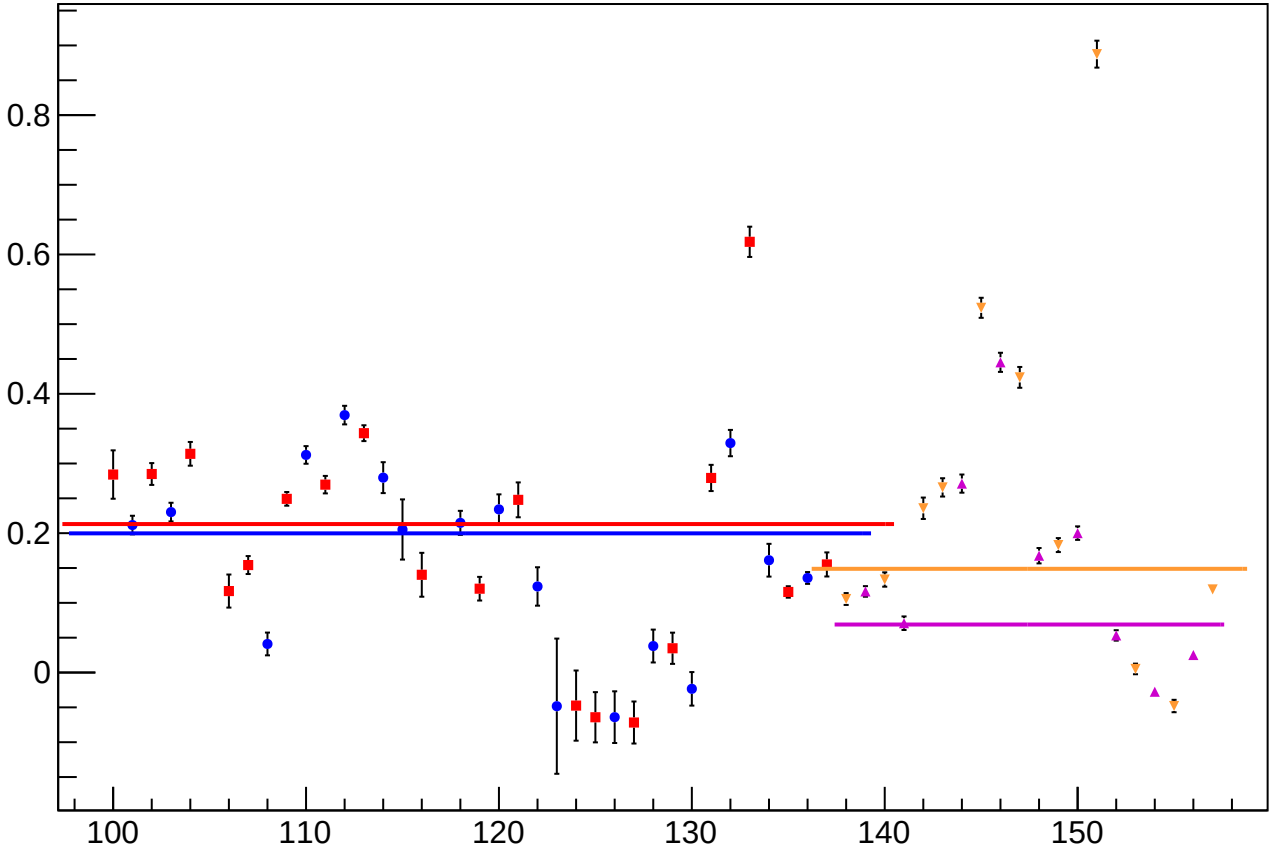
Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -1.679+/-0.045 χ^2/NDF:2573.2/25

Out: -1.802+/-0.047 χ^2/NDF:3287.5/29

All: -1.737+/-0.033 χ^2/NDF: 5864.2/55

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: 0.149+/-0.003 χ^2/NDF:3489.1/10

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.069+/-0.002 χ^2/NDF:1771.2/8

Left: 0.101+/-0.002 χ^2/NDF: 5676.1/19

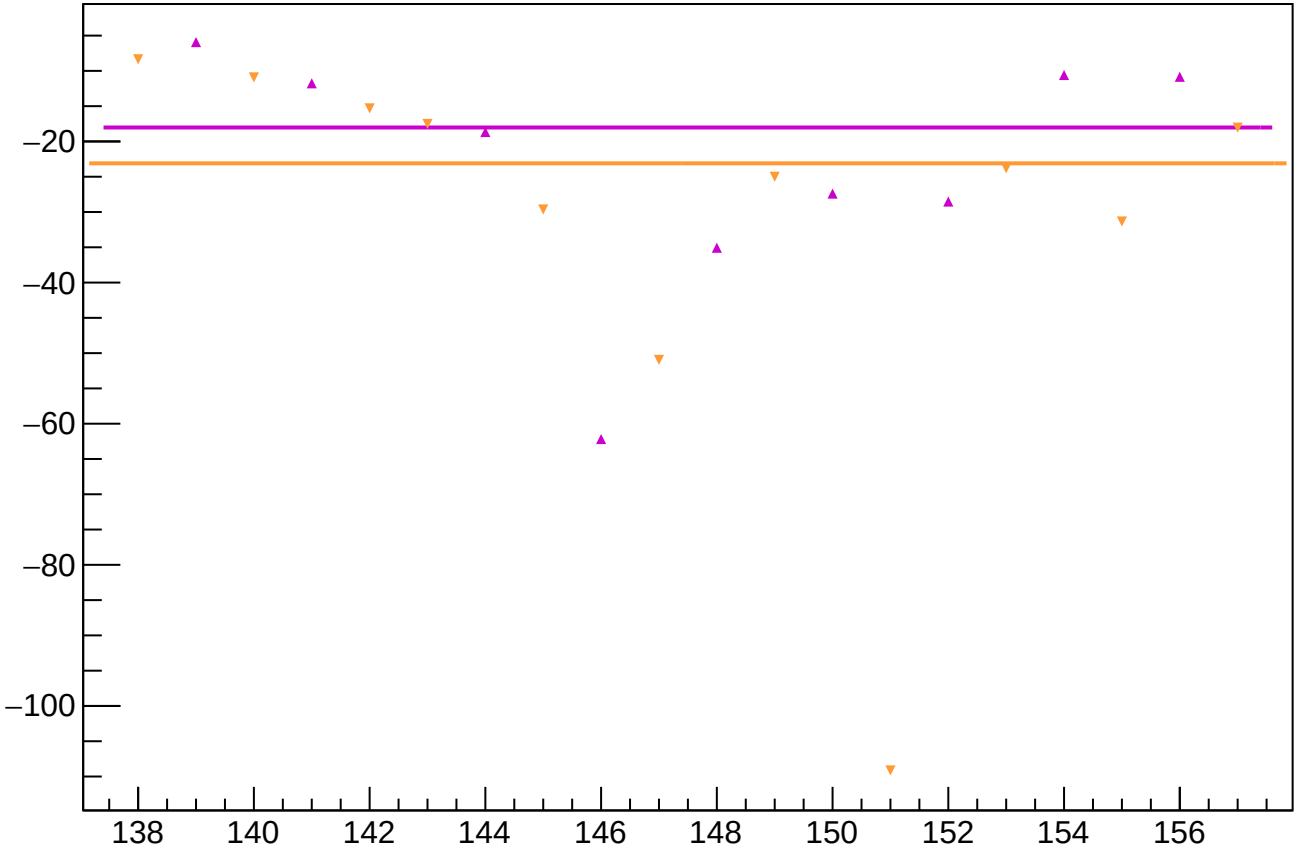
Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.104+/-0.002 χ^2/NDF:3174.8/25

Out: 0.175+/-0.002 χ^2/NDF:4721.8/29

All: 0.136+/-0.002 χ^2/NDF: 8399.6/55

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: -23.102+/-0.081 χ^2/NDF:50367.2/10

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

Left In: -18.023+/-0.071 χ^2/NDF:36067.5/8

Left: -20.233+/-0.053 χ^2/NDF: 88667.1/19

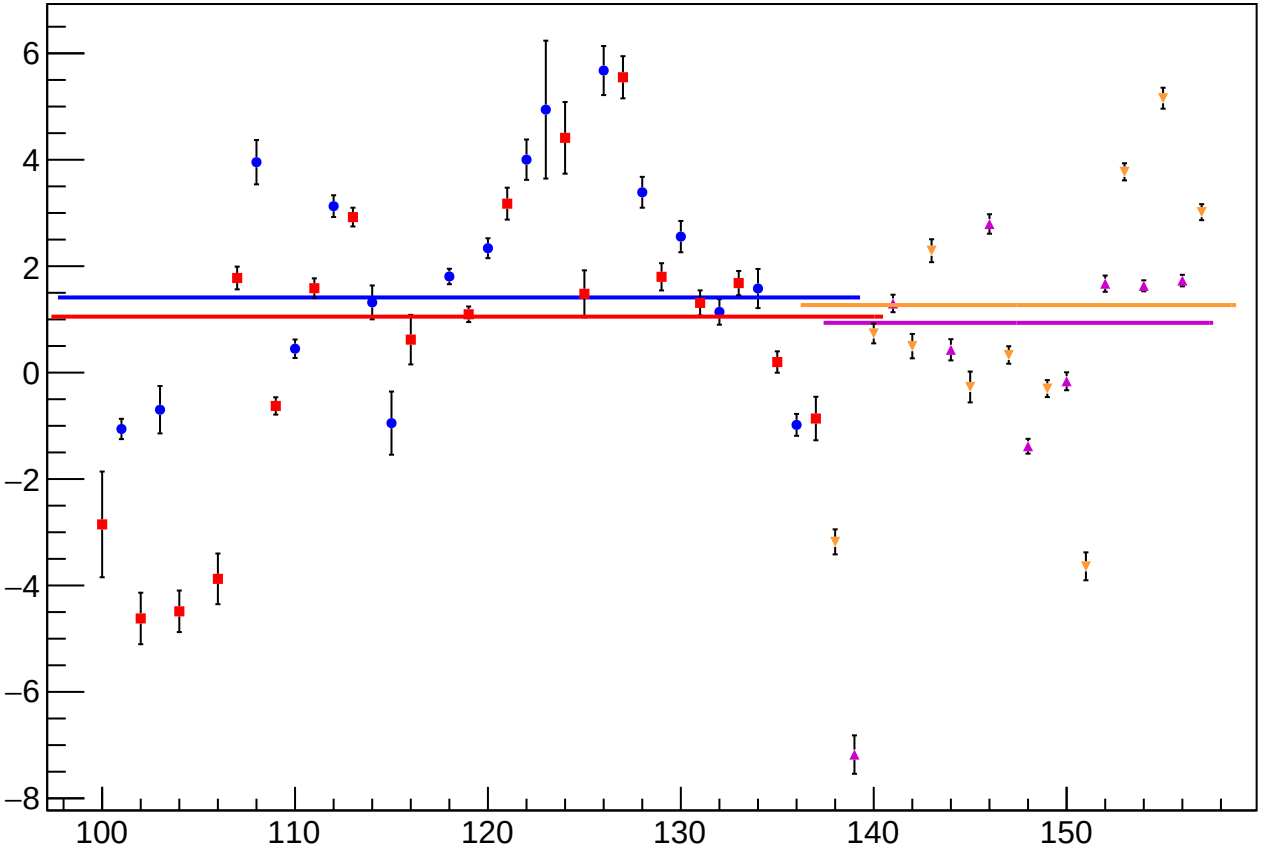
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.023+/-0.071 χ^2/NDF:36067.5/8

Out: -23.102+/-0.081 χ^2/NDF:50367.2/10

All: -20.233+/-0.053 χ^2/NDF: 88667.1/19

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: 1.269+/-0.058 χ^2/NDF:1672.2/10

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 0.936+/-0.050 χ^2/NDF:1060.8/8

Left: 1.077+/-0.038 χ^2/NDF: 2752.2/19

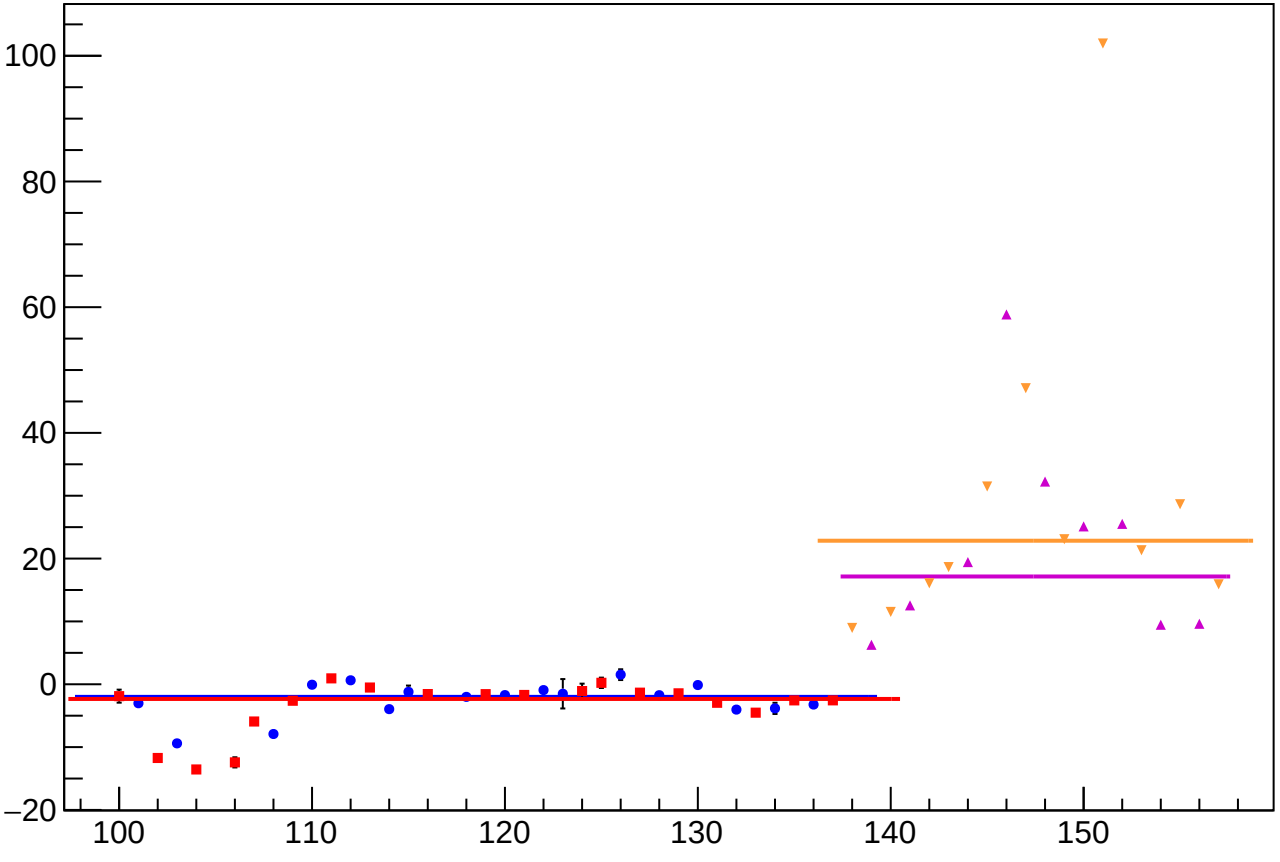
Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 1.125+/-0.038 χ^2/NDF:1811.5/25

Out: 1.161+/-0.041 χ^2/NDF:2642.5/29

All: 1.142+/-0.028 χ^2/NDF: 4454.4/55

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: 22.840+/-0.080 χ^2/NDF:45482.7/10

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 17.149+/-0.069 χ^2/NDF:34032.0/8

Left: 19.567+/-0.052 χ^2/NDF: 82441.4/19

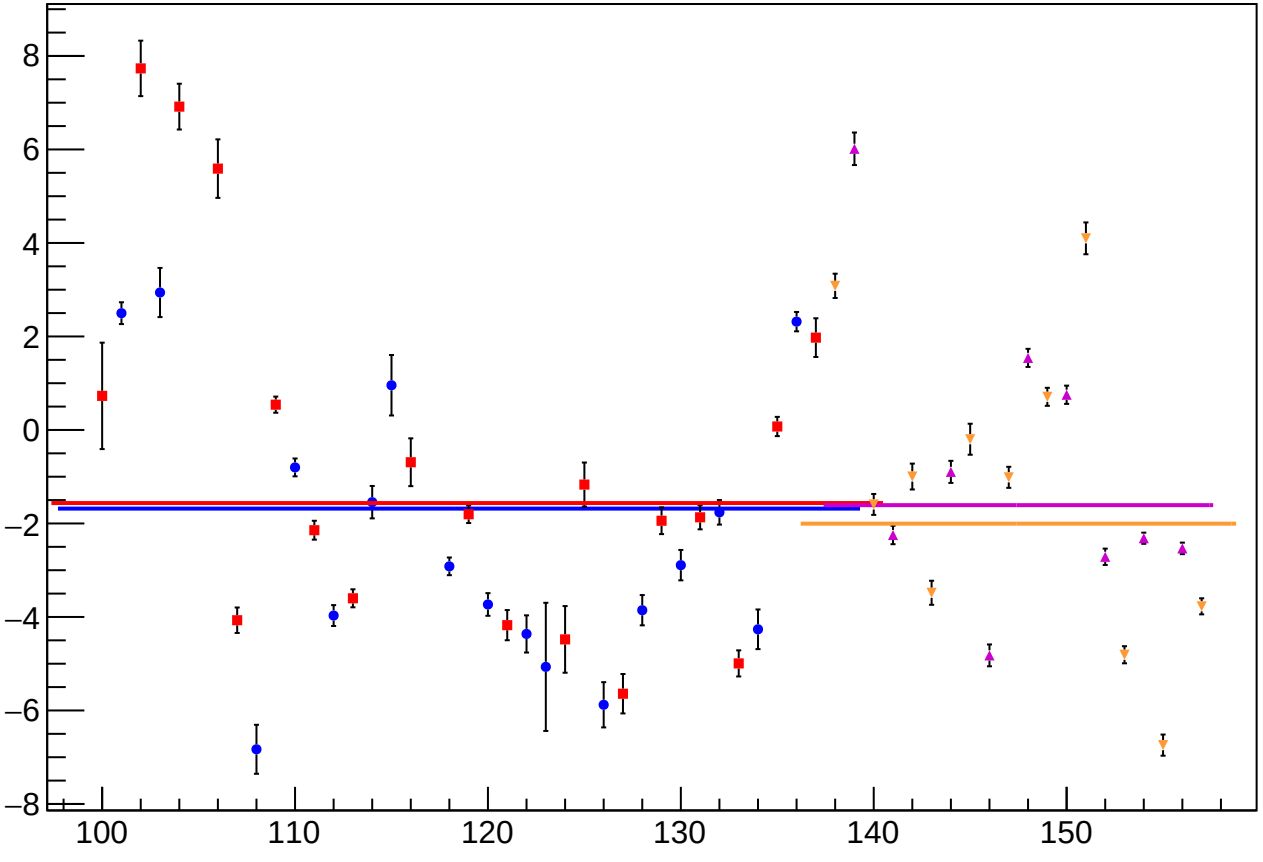
Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 11.834+/-0.058 χ^2/NDF:56160.3/25

Out: 12.917+/-0.062 χ^2/NDF:85634.7/29

All: 12.341+/-0.042 χ^2/NDF: 141956.6/55

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: -2.004+/-0.069 χ^2/NDF:1780.3/10

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -1.608+/-0.059 χ^2/NDF:1232.0/8

Left: -1.774+/-0.045 χ^2/NDF: 3031.5/19

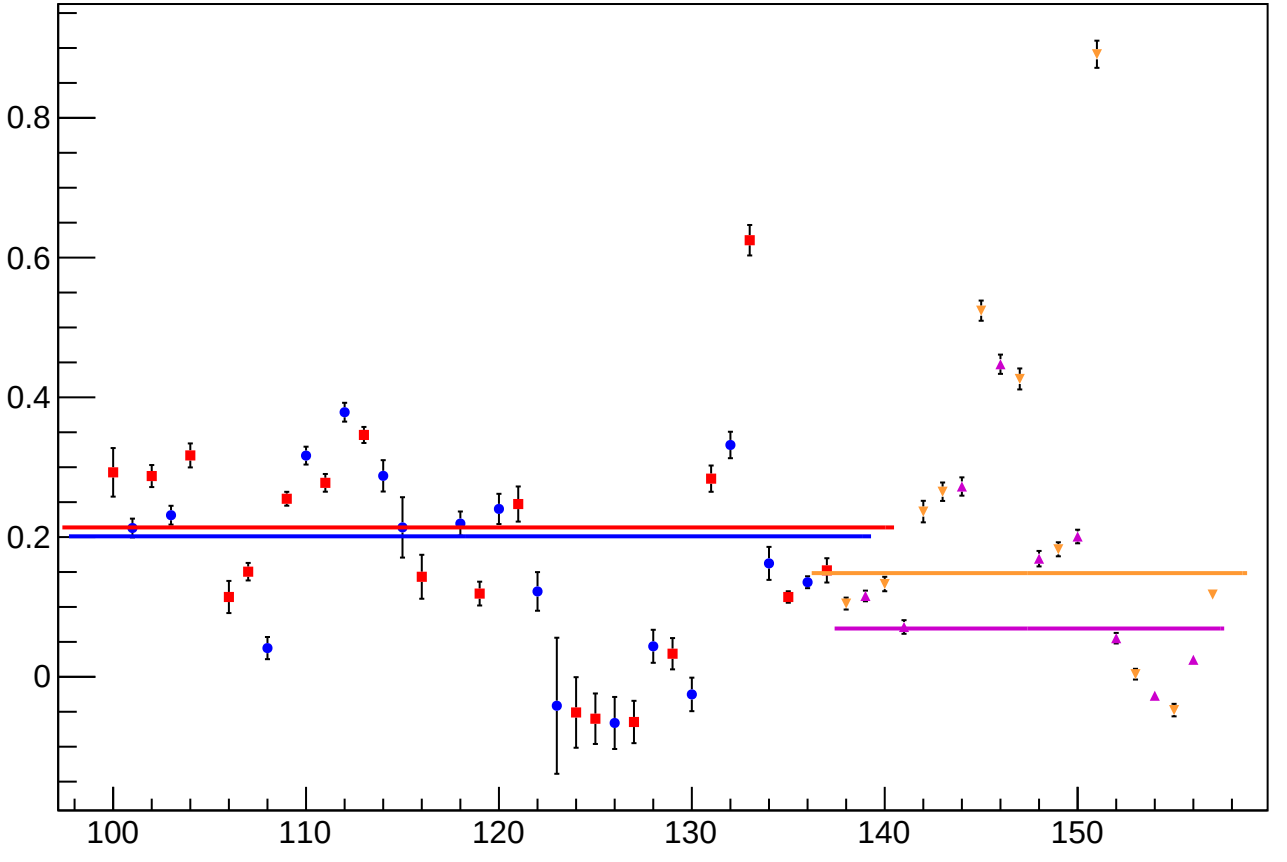
Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -1.638+/-0.045 χ^2/NDF:2580.5/25

Out: -1.773+/-0.048 χ^2/NDF:3306.5/29

All: -1.702+/-0.033 χ^2/NDF: 5891.2/55

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: 0.148+/-0.003 χ^2/NDF:3483.6/10

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.069+/-0.002 χ^2/NDF:1770.0/8

Left: 0.101+/-0.002 χ^2/NDF: 5659.1/19

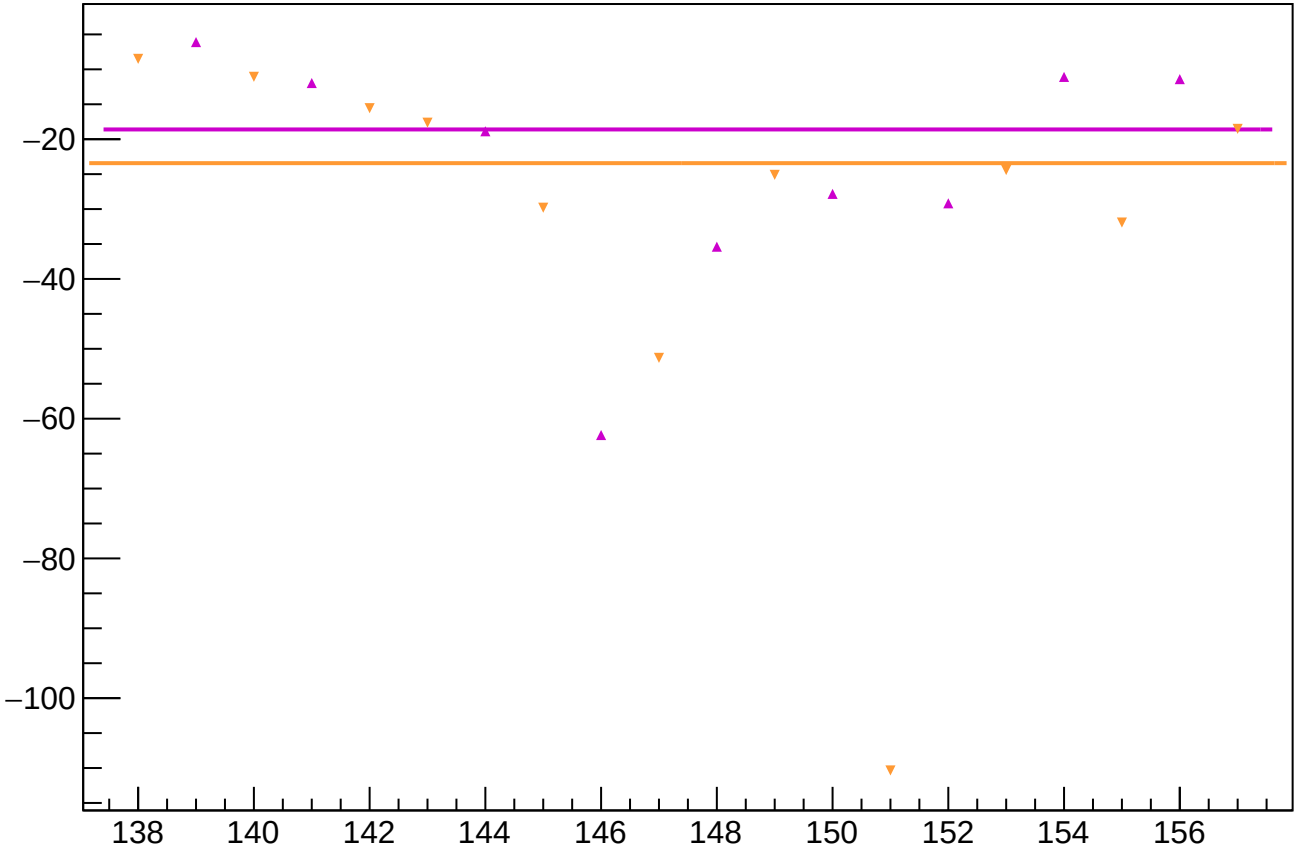
Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.105+/-0.002 χ^2/NDF:3209.5/25

Out: 0.175+/-0.002 χ^2/NDF:4754.1/29

All: 0.136+/-0.002 χ^2/NDF: 8457.1/55

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: -23.428+/-0.082 χ^2/NDF:50222.6/10

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

Left In: -18.604+/-0.073 χ^2/NDF:35080.8/8

Left: -20.727+/-0.054 χ^2/NDF: 87244.8/19

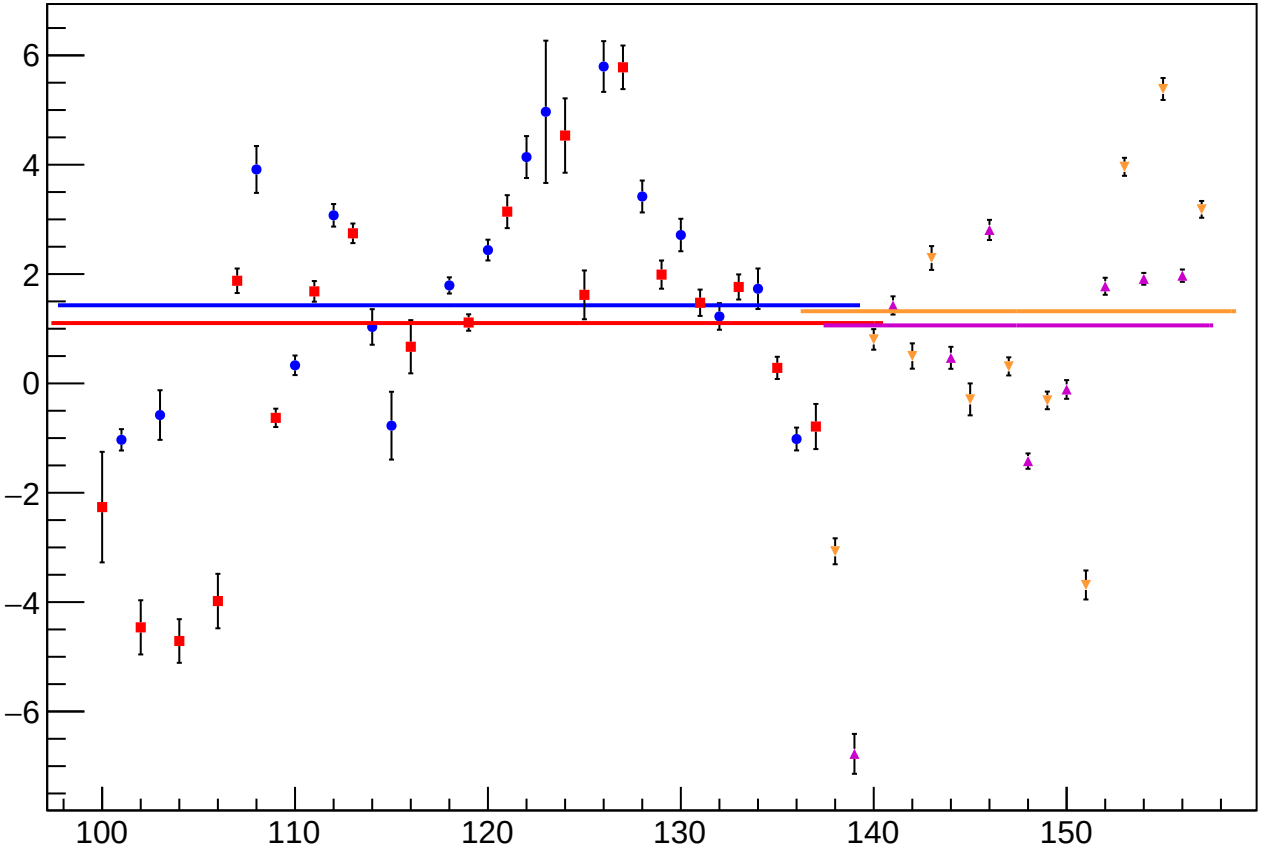
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.604+/-0.073 χ^2/NDF:35080.8/8

Out: -23.428+/-0.082 χ^2/NDF:50222.6/10

All: -20.727+/-0.054 χ^2/NDF: 87244.8/19

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: 1.320+/-0.059 χ^2/NDF:1721.1/10

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 1.061+/-0.051 χ^2/NDF:1071.3/8

Left: 1.172+/-0.038 χ^2/NDF: 2803.5/19

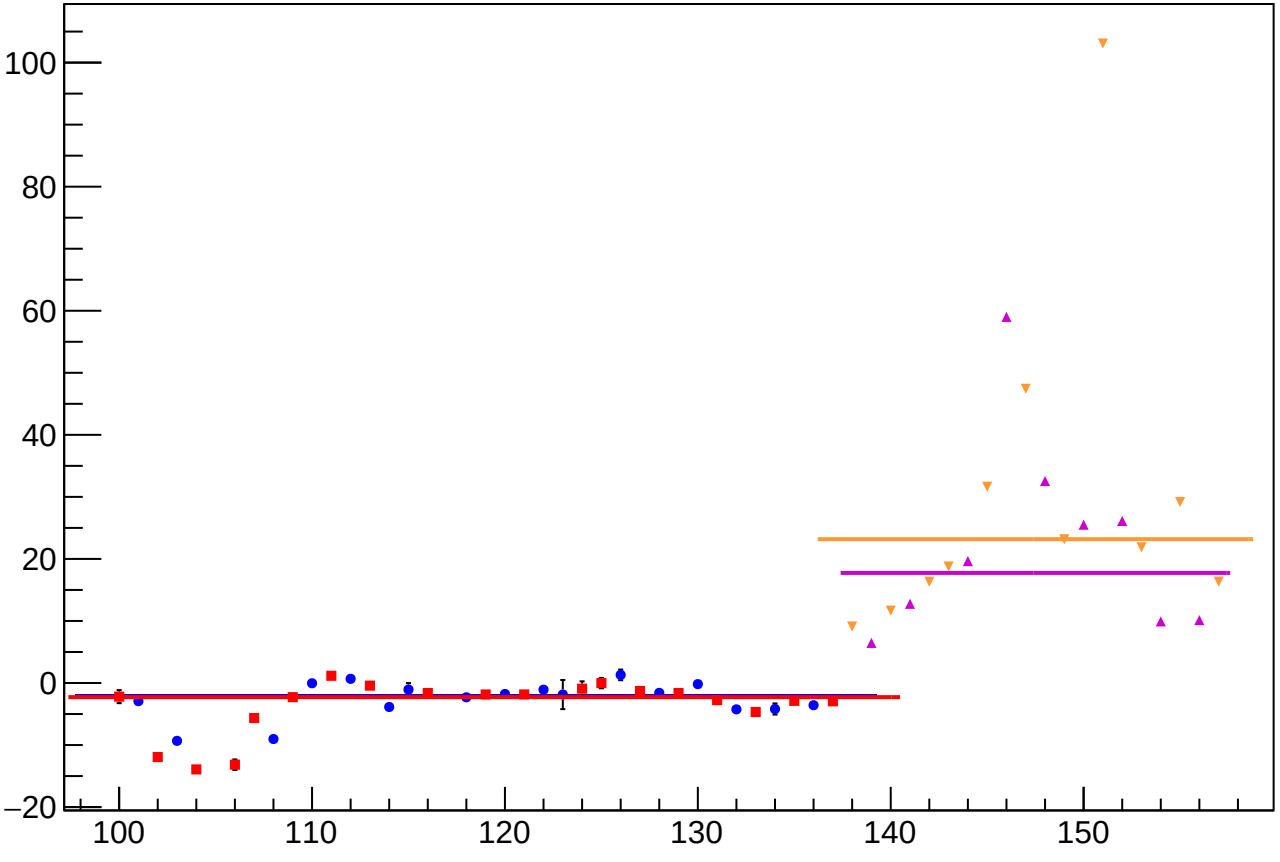
Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 1.208+/-0.039 χ^2/NDF:1803.7/25

Out: 1.213+/-0.042 χ^2/NDF:2664.3/29

All: 1.210+/-0.029 χ^2/NDF: 4468.1/55

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: 23.187+/-0.081 χ^2/NDF:45263.0/10

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 17.744+/-0.070 χ^2/NDF:32944.4/8

Left: 20.085+/-0.053 χ^2/NDF: 80784.5/19

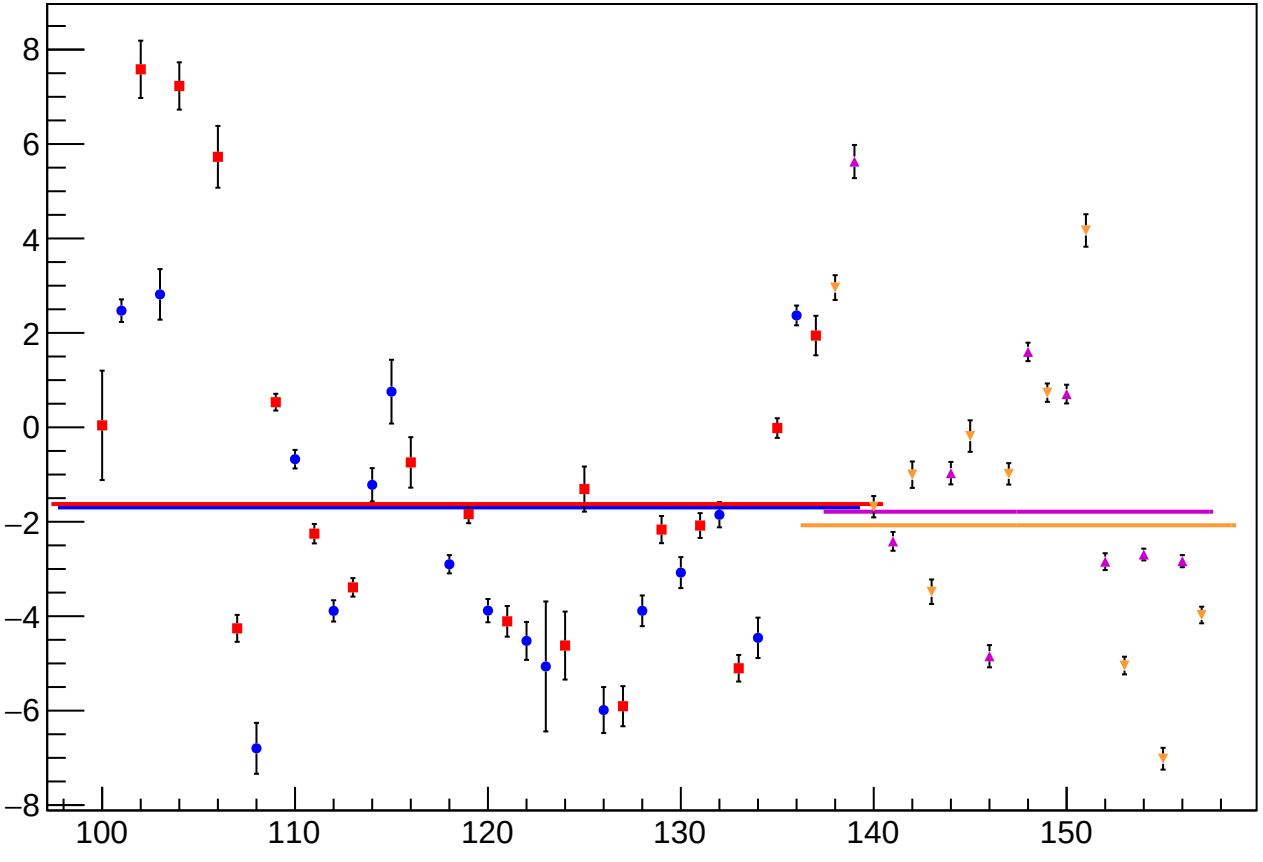
Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 12.179+/-0.060 χ^2/NDF:55768.2/25

Out: 13.229+/-0.063 χ^2/NDF:84884.8/29

All: 12.674+/-0.043 χ^2/NDF: 140799.0/55

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: -2.074+/-0.070 χ^2/NDF:1836.6/10

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -1.787+/-0.060 χ^2/NDF:1249.5/8

Left: -1.909+/-0.046 χ^2/NDF: 3095.8/19

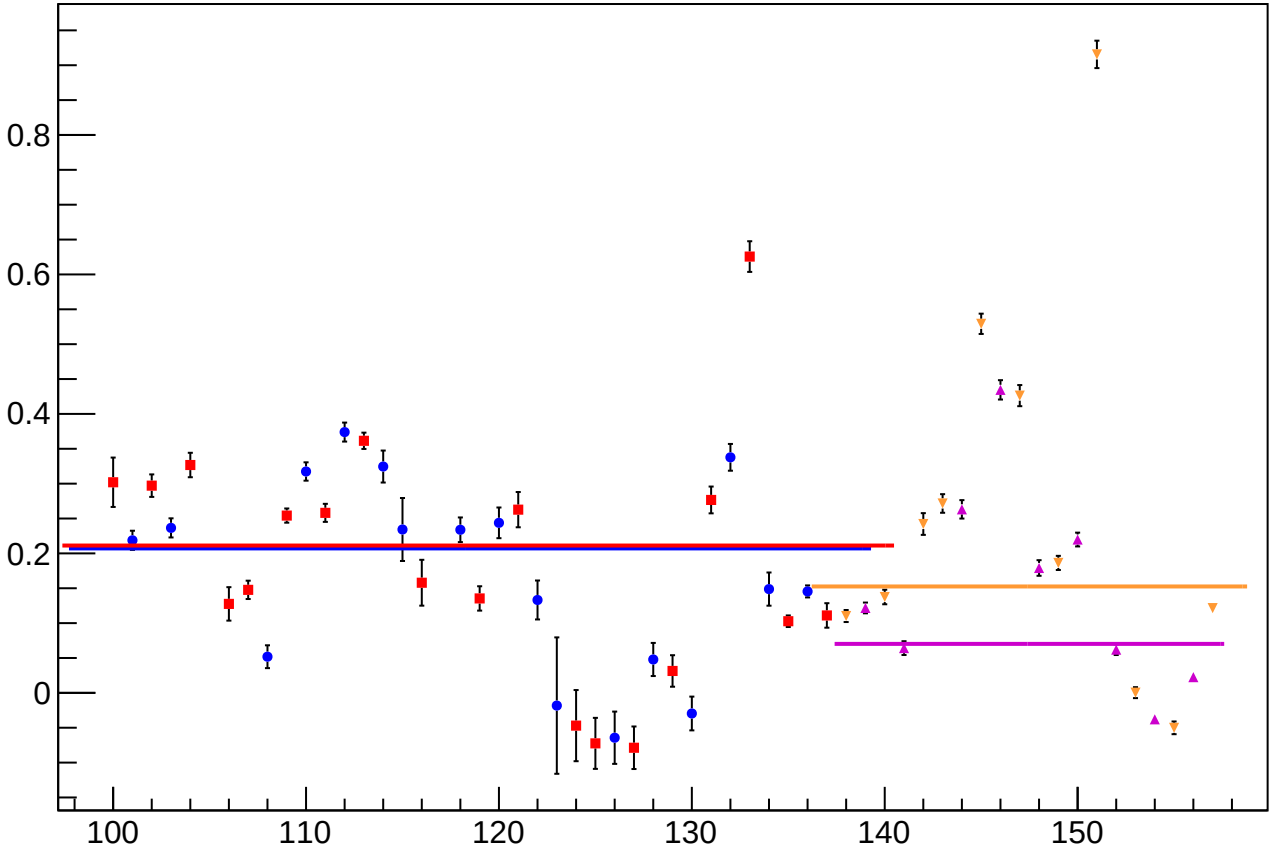
Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -1.749+/-0.046 χ^2/NDF:2583.7/25

Out: -1.840+/-0.048 χ^2/NDF:3325.5/29

All: -1.792+/-0.033 χ^2/NDF: 5911.1/55

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: 0.153+/-0.003 χ^2/NDF:3543.0/10

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.070+/-0.003 χ^2/NDF:1810.2/8

Left: 0.104+/-0.002 χ^2/NDF: 5772.8/19

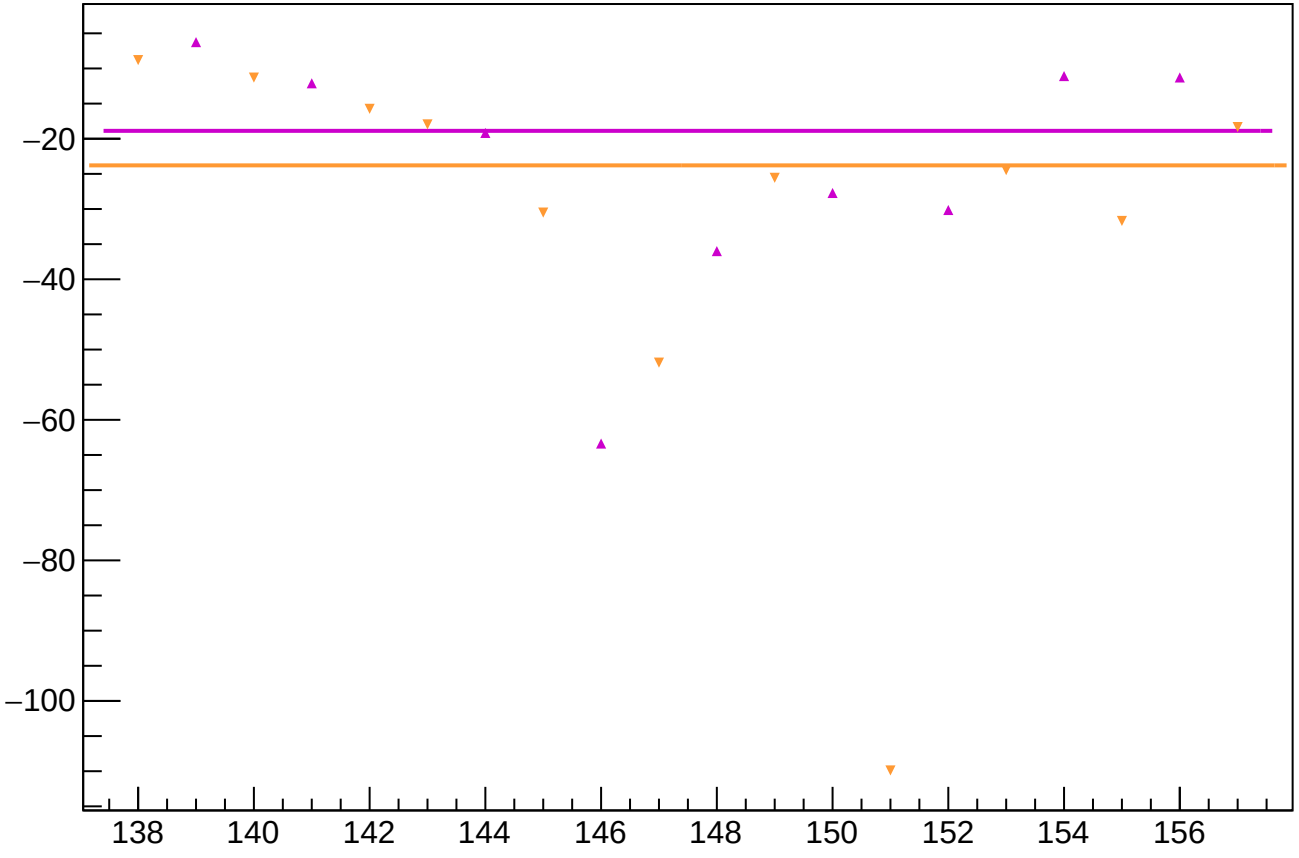
Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.107+/-0.002 χ^2/NDF:3240.2/25

Out: 0.176+/-0.002 χ^2/NDF:4834.1/29

All: 0.139+/-0.002 χ^2/NDF: 8525.3/55

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: -23.790+/-0.083 χ^2/NDF:49517.5/10

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

Left In: -18.877+/-0.074 χ^2/NDF:35361.0/8

Left: -21.048+/-0.055 χ^2/NDF: 86830.9/19

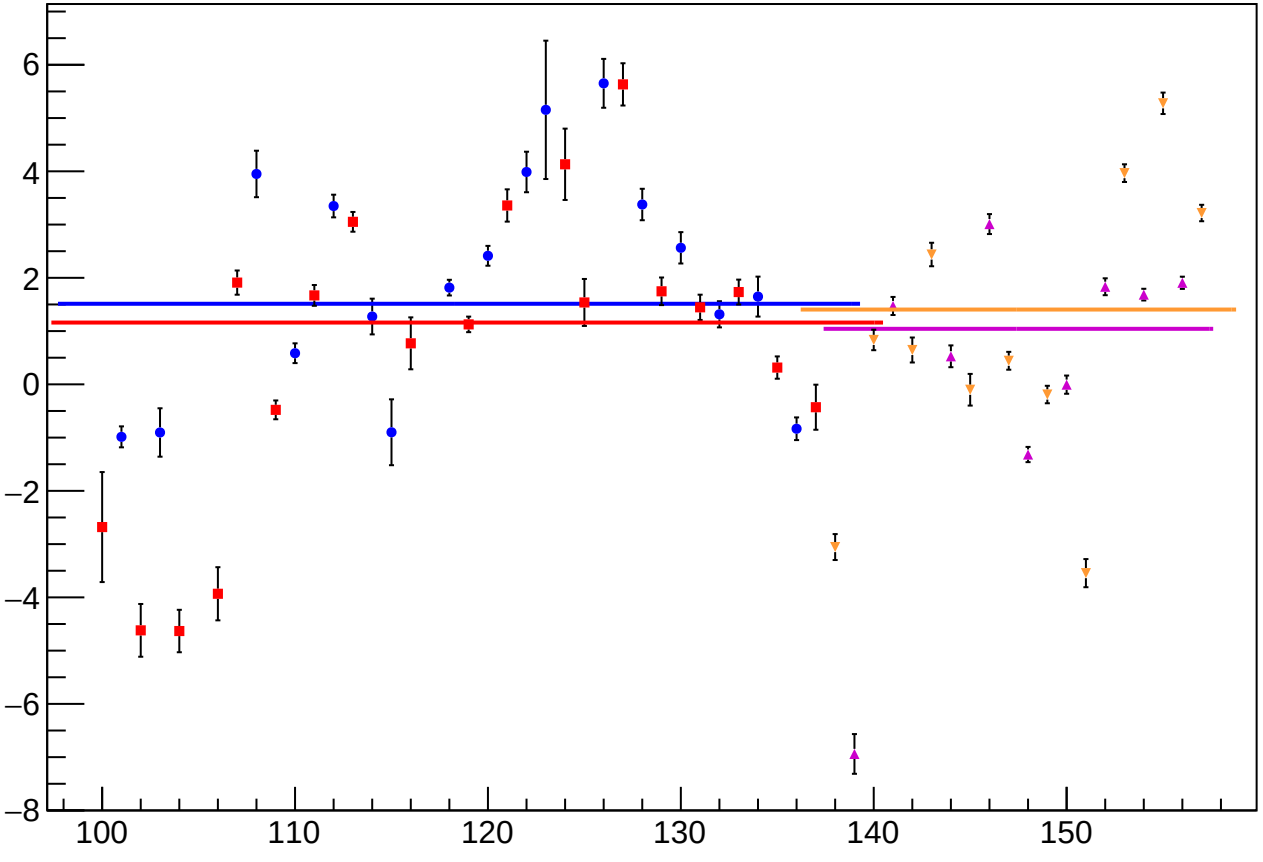
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.877+/-0.074 χ^2/NDF:35361.0/8

Out: -23.790+/-0.083 χ^2/NDF:49517.5/10

All: -21.048+/-0.055 χ^2/NDF: 86830.9/19

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: 1.404+/-0.059 χ^2/NDF:1626.5/10

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 1.043+/-0.052 χ^2/NDF:1006.4/8

Left: 1.198+/-0.039 χ^2/NDF: 2654.1/19

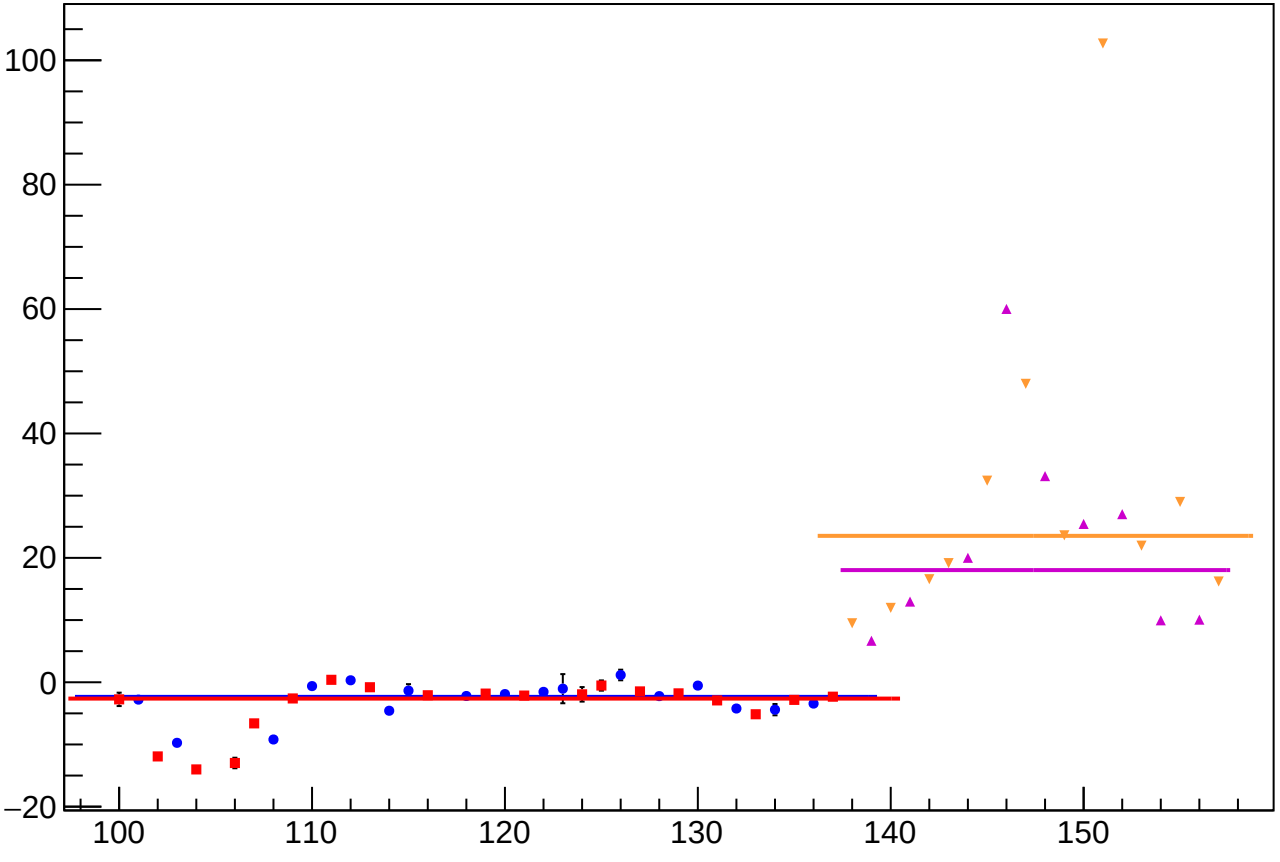
Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 1.233+/-0.040 χ^2/NDF:1709.7/25

Out: 1.284+/-0.042 χ^2/NDF:2551.9/29

All: 1.257+/-0.029 χ^2/NDF: 4262.4/55

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: 23.540+/-0.082 χ^2/NDF:44732.9/10

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 18.035+/-0.072 χ^2/NDF:33234.6/8

Left: 20.414+/-0.054 χ^2/NDF: 80527.9/19

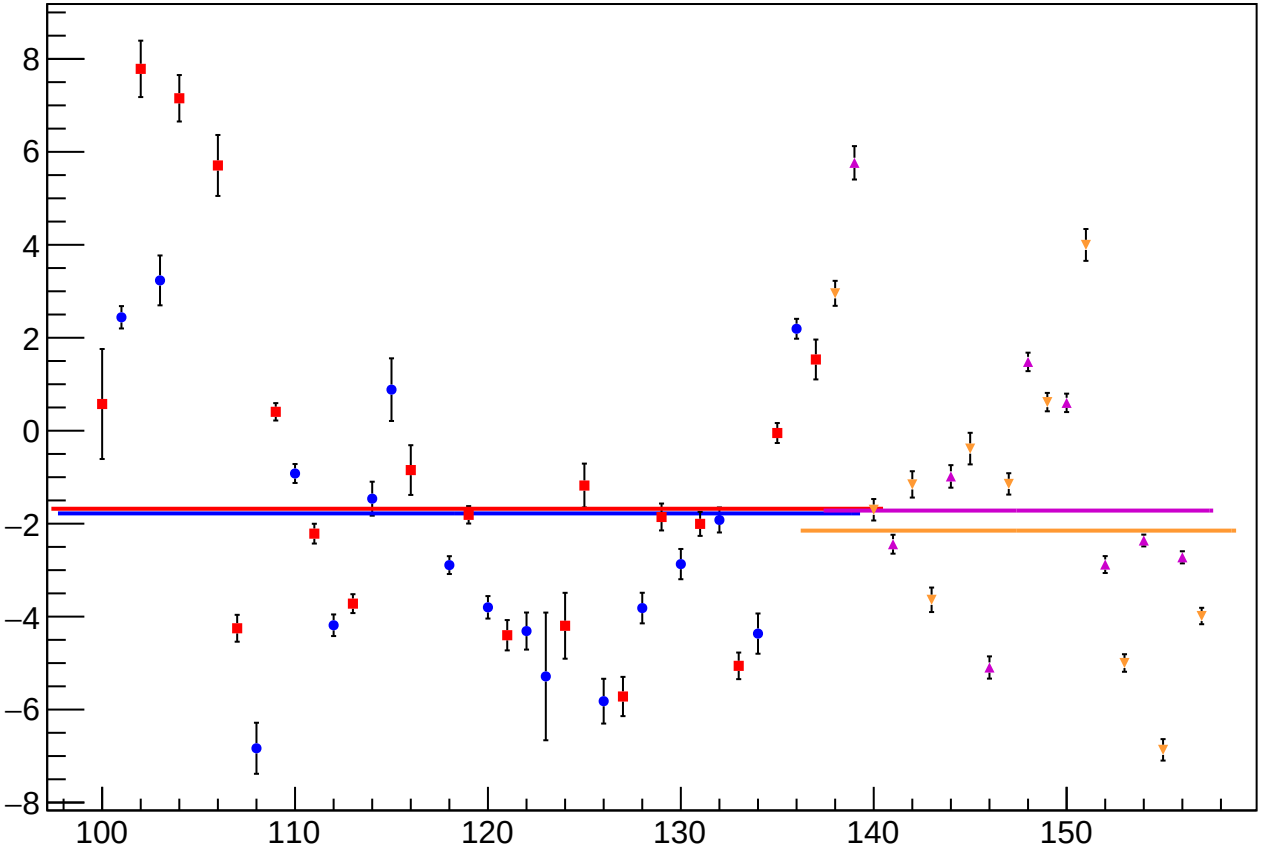
Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 12.300+/-0.061 χ^2/NDF:56532.2/25

Out: 13.420+/-0.064 χ^2/NDF:84963.7/29

All: 12.828+/-0.044 χ^2/NDF: 141657.0/55

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: -2.149+/-0.071 χ^2/NDF:1724.1/10

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -1.718+/-0.061 χ^2/NDF:1177.3/8

Left: -1.902+/-0.046 χ^2/NDF: 2922.7/19

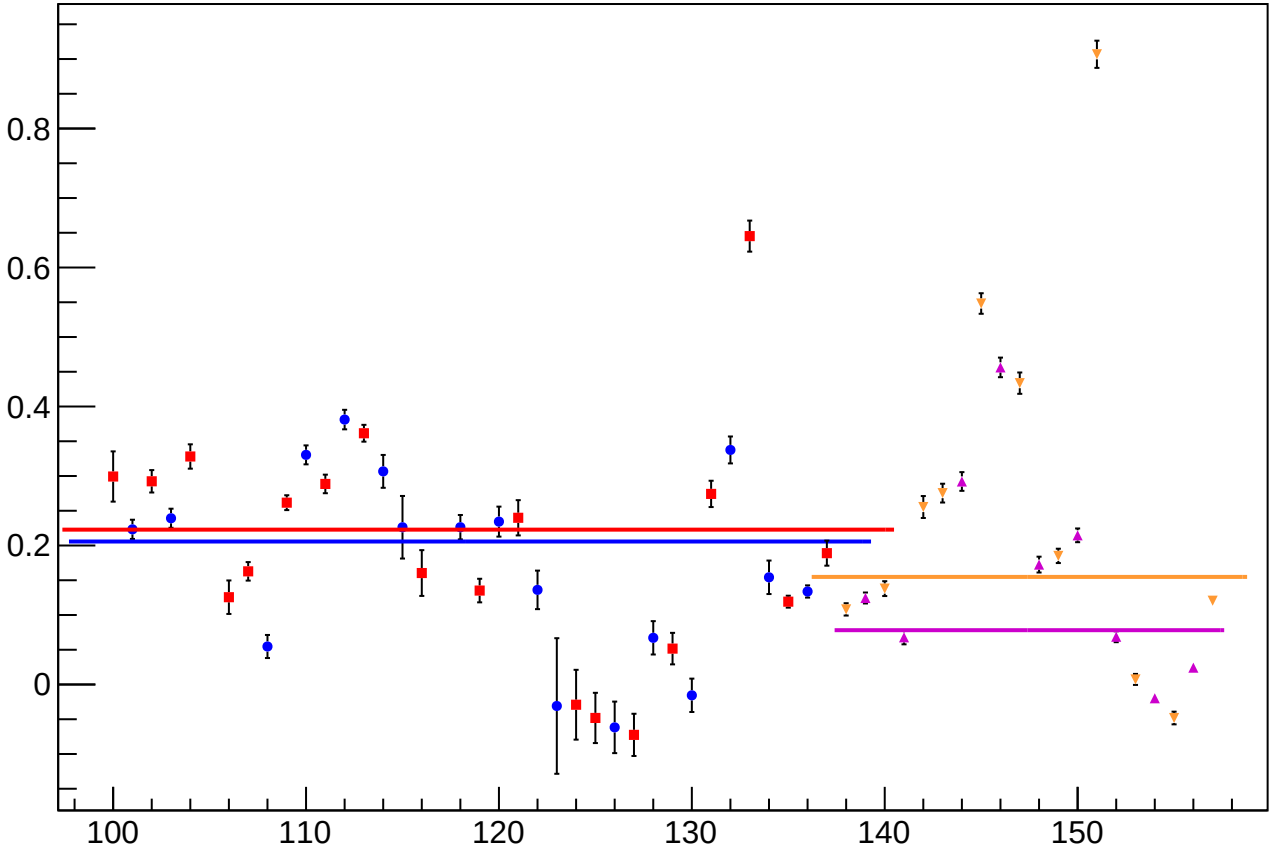
Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -1.744+/-0.047 χ^2/NDF:2449.8/25

Out: -1.905+/-0.049 χ^2/NDF:3176.7/29

All: -1.820+/-0.034 χ^2/NDF: 5632.1/55

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: 0.155+/-0.003 χ^2/NDF:3538.4/10

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.078+/-0.003 χ^2/NDF:1733.2/8

Left: 0.110+/-0.002 χ^2/NDF: 5625.1/19

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.113+/-0.002 χ^2/NDF:3037.8/25

Out: 0.182+/-0.002 χ^2/NDF:4769.4/29

All: 0.145+/-0.002 χ^2/NDF: 8245.7/55