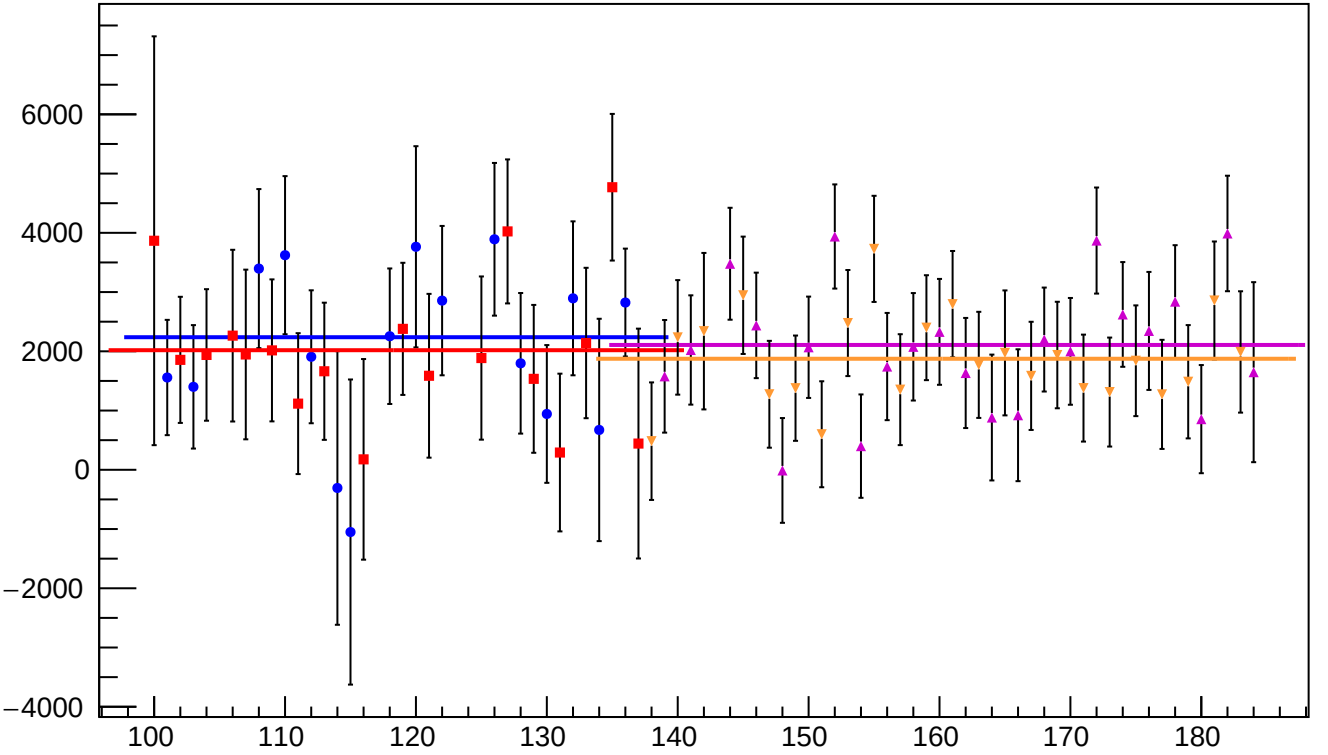
dit_asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1874.329+/-196.315 χ^2/NDF:15.0/22

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

Left In: 2107.246+/-194.959 χ^2/NDF:30.0/22

Left: 1991.594+/-138.334 χ^2/NDF: 45.7/45

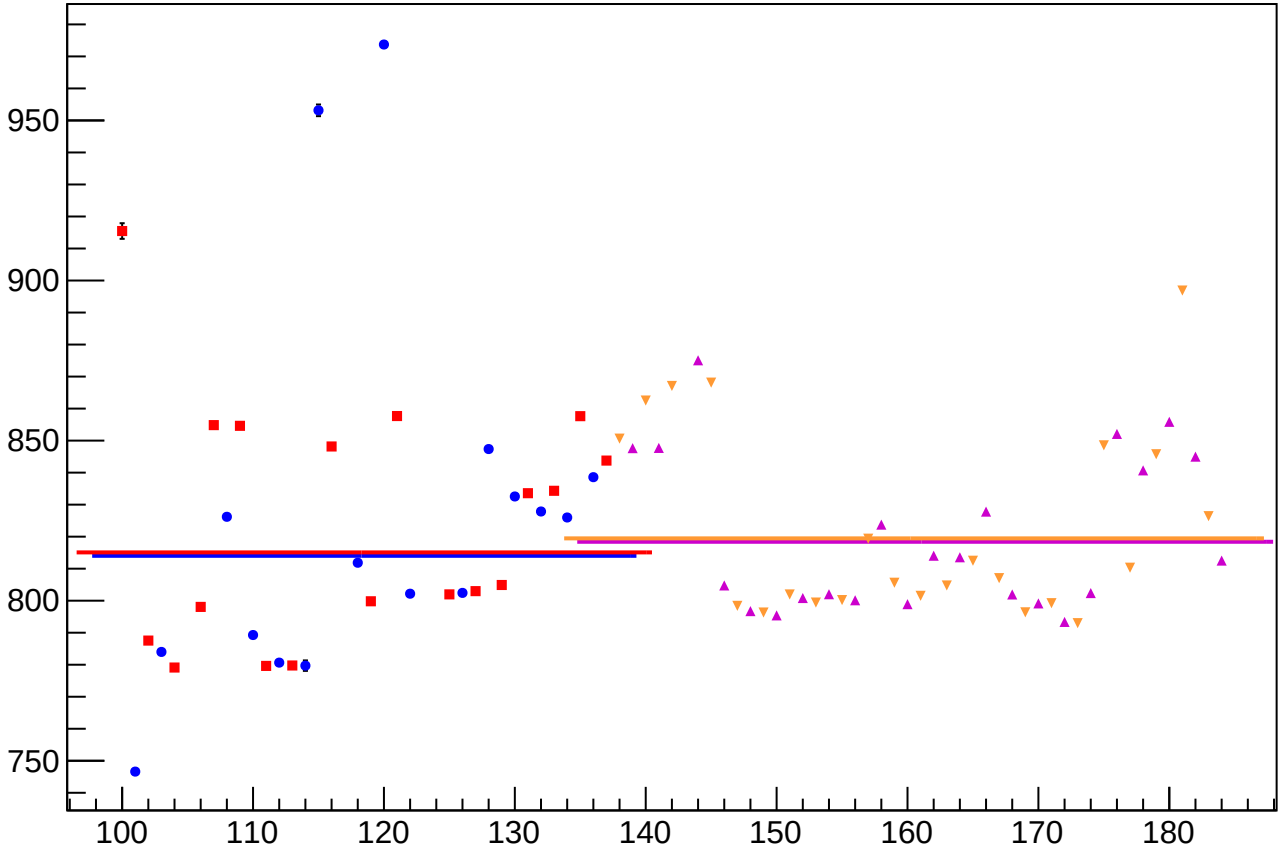
Right: 2126.067+/-220.232 χ^2/NDF: 24.1/33

In: 2143.500+/-165.725 χ^2/NDF:41.5/38

Out: 1915.946+/-165.603 χ^2/NDF:27.8/40

All: 2029.639+/-117.142 χ^2/NDF: 70.1/79

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 819.464+/-0.139 χ^2/NDF:40595.0/22

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

Left In: 818.403+/-0.138 χ^2/NDF:29907.0/22

Left: 818.930+/-0.098 χ^2/NDF: 70531.4/45

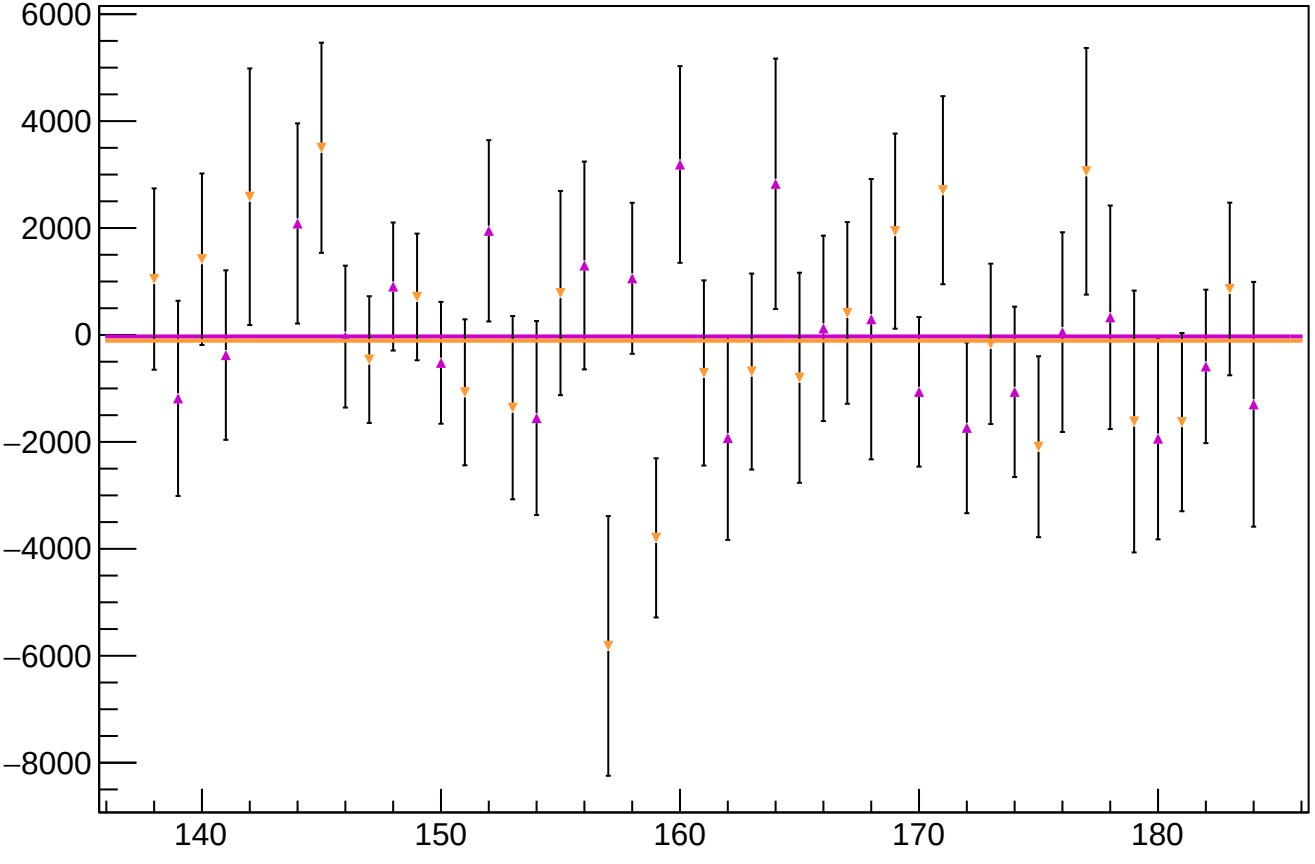
Right: 814.563+/-0.156 χ^2/NDF: 62012.6/33

In: 817.187+/-0.117 χ^2/NDF:72228.9/38

Out: 818.201+/-0.117 χ^2/NDF:60841.4/40

All: 817.695+/-0.083 χ^2/NDF: 133107.8/79

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -107.483+/-350.976 χ^2/NDF:28.6/22

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

Left In: -27.722+/-344.229 χ^2/NDF:14.8/22

Left: -66.829+/-245.757 χ^2/NDF: 43.4/45

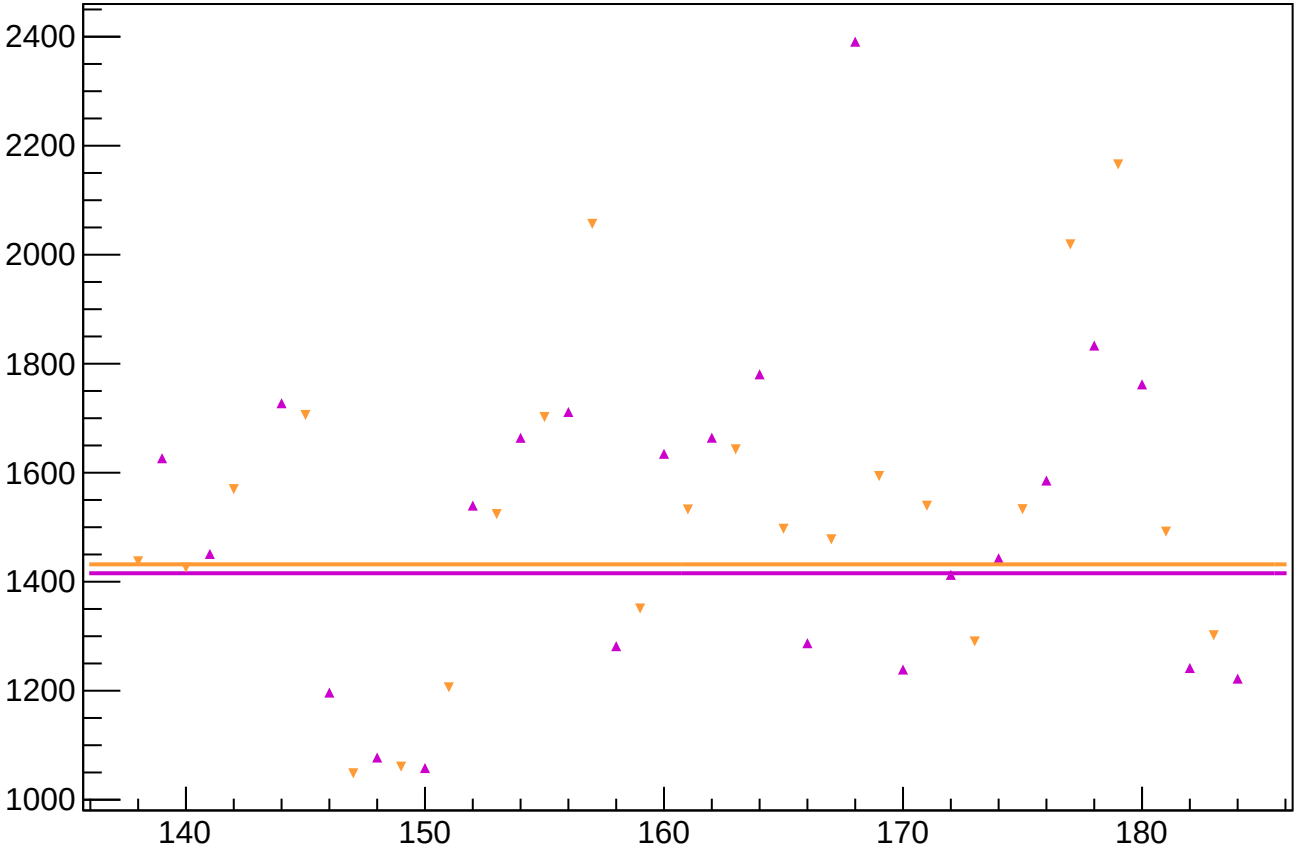
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -27.722+/-344.229 χ^2/NDF:14.8/22

Out: -107.483+/-350.976 χ^2/NDF:28.6/22

All: -66.829+/-245.757 χ^2/NDF: 43.4/45

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1431.878+/-0.248 χ^2/NDF:1099927.0/22

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

Left In: 1415.555+/-0.243 χ^2/NDF:1245603.5/22

Left: 1423.558+/-0.174 χ^2/NDF: 2347735.5/45

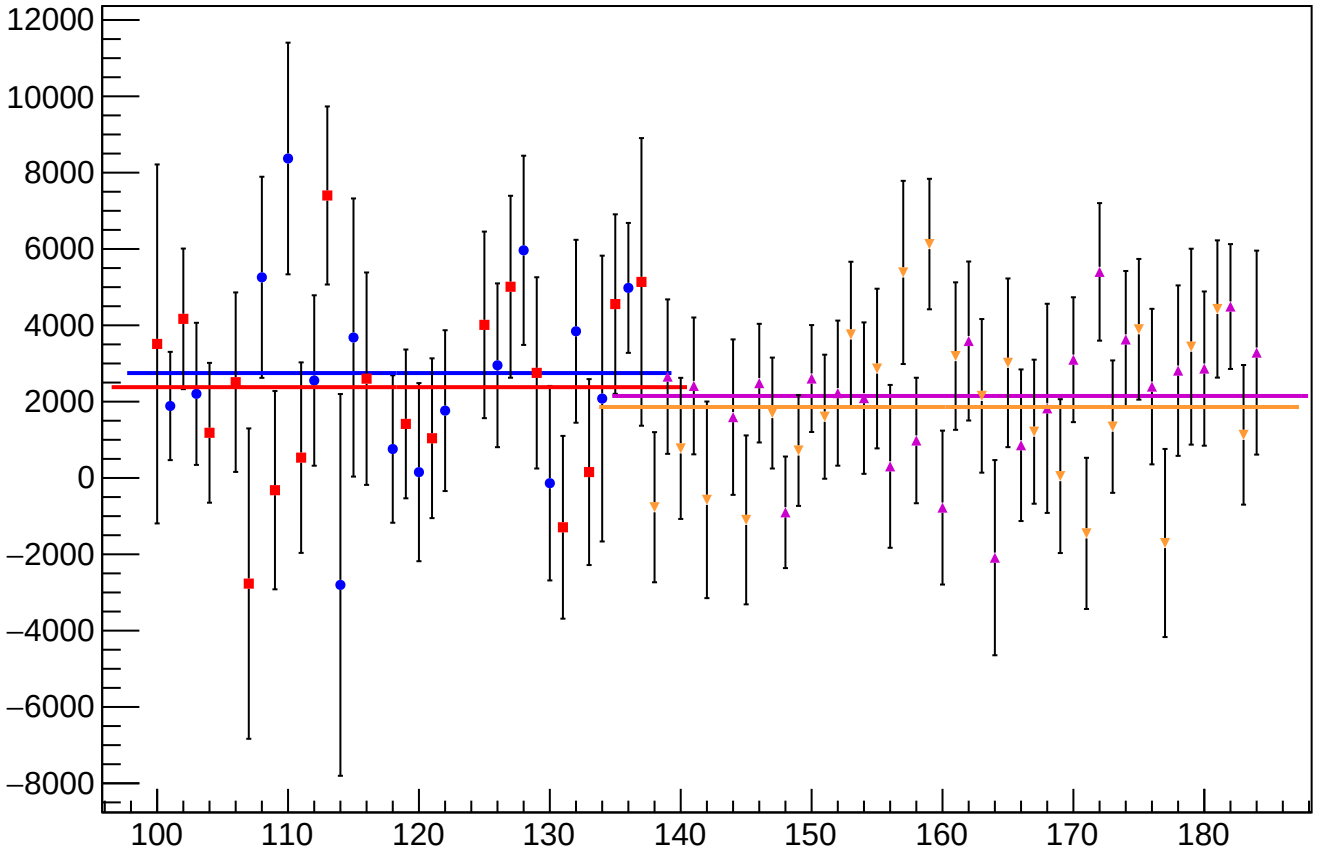
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1415.555+/-0.243 χ^2/NDF:1245603.5/22

Out: 1431.878+/-0.248 χ^2/NDF:1099927.0/22

All: 1423.558+/-0.174 χ^2/NDF: 2347735.5/45

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1859.668+/-398.267 χ^2/NDF:25.5/22

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

Left In: 2148.867+/-391.716 χ^2/NDF:18.4/22

Left: 2006.666+/-279.272 χ^2/NDF: 44.2/45

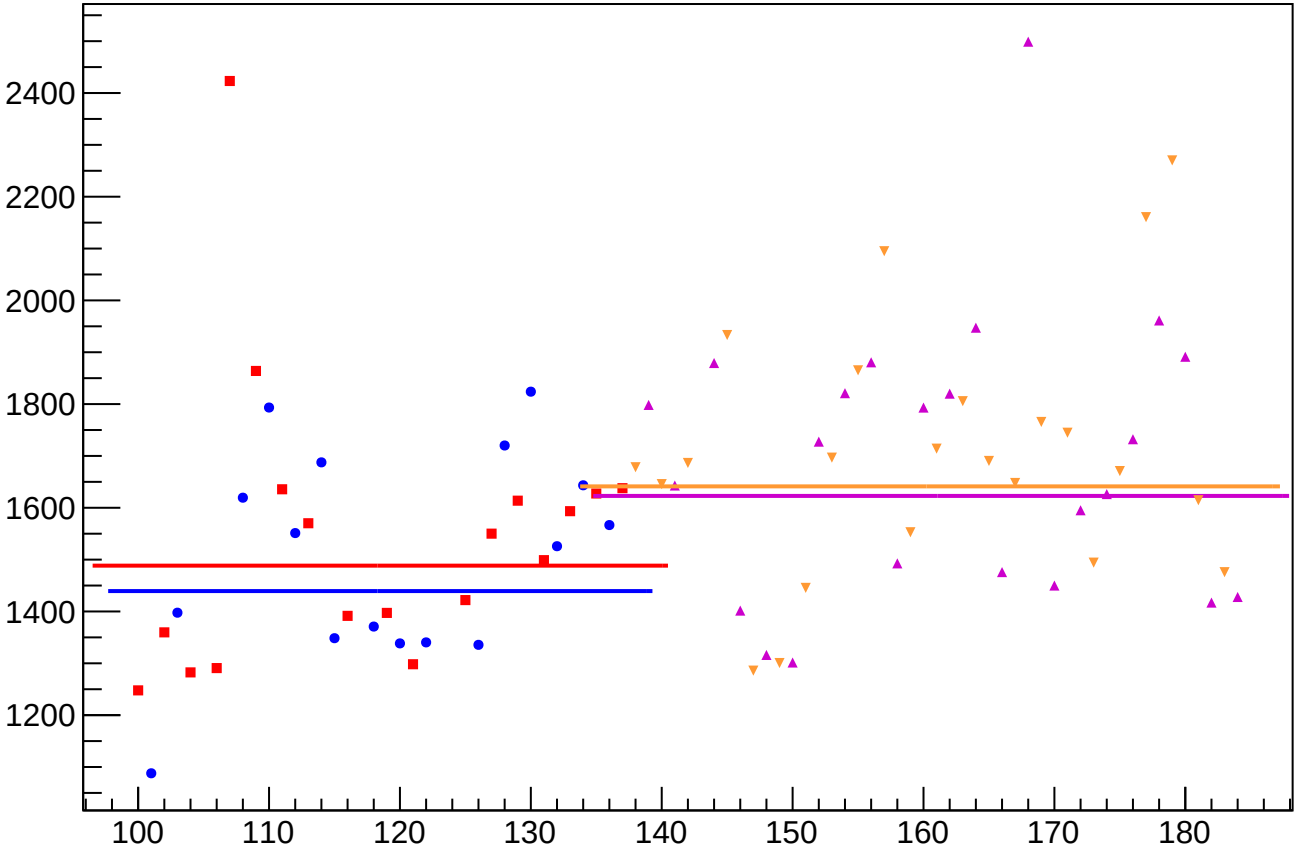
Right: 2566.079+/-400.174 χ^2/NDF: 30.0/33

In: 2344.575+/-321.534 χ^2/NDF:32.7/38

Out: 2030.598+/-326.276 χ^2/NDF:42.3/40

All: 2189.885+/-229.017 χ^2/NDF: 75.5/79

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1641.281+/-0.282 χ^2/NDF:667062.6/22

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

Left In: 1622.876+/-0.277 χ^2/NDF:780522.2/22

Left: 1631.926+/-0.197 χ^2/NDF: 1449755.7/45

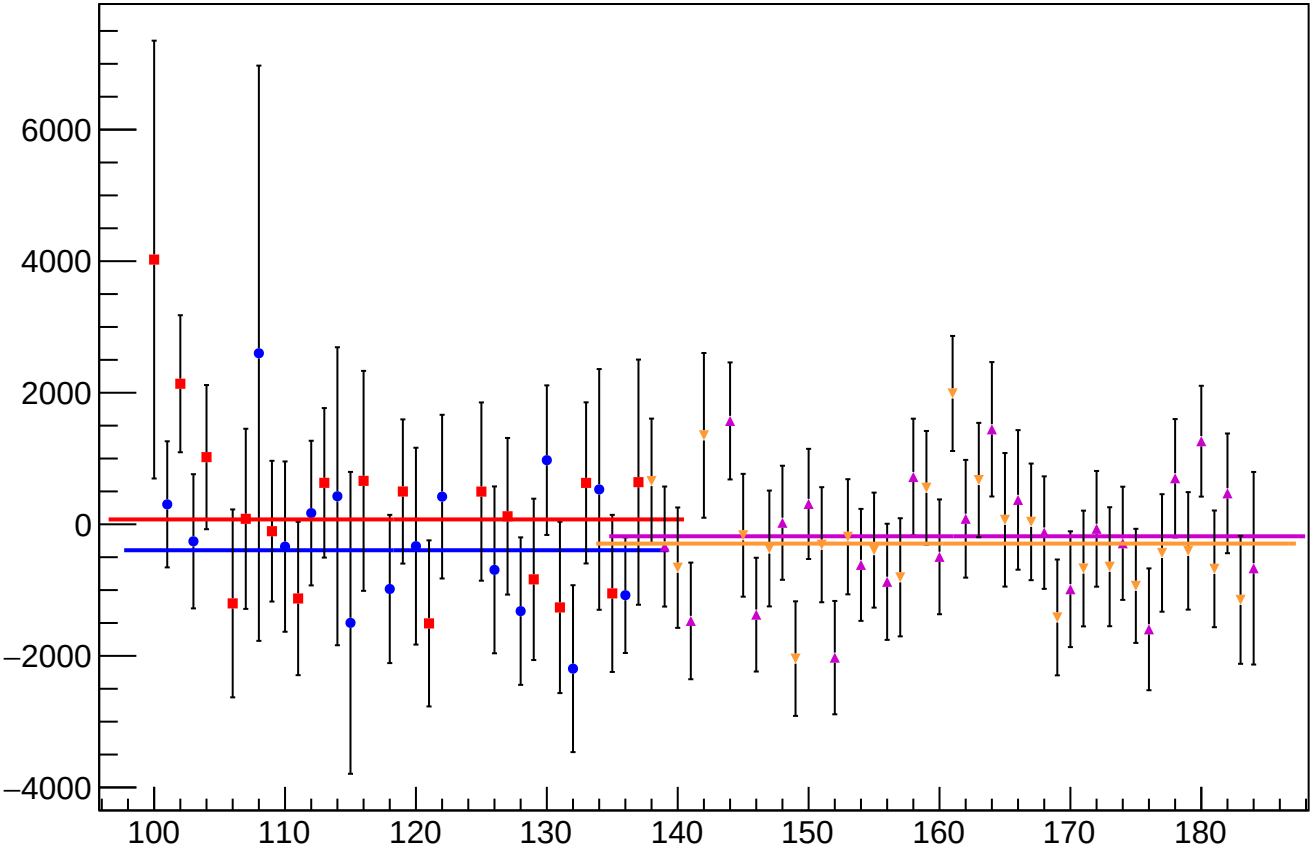
Right: 1463.597+/-0.283 χ^2/NDF: 541697.1/33

In: 1562.998+/-0.227 χ^2/NDF:1201632.3/38

Out: 1591.001+/-0.231 χ^2/NDF:1020321.0/40

All: 1576.795+/-0.162 χ^2/NDF: 2229427.0/79

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -293.156+/-188.831 χ^2/NDF:20.1/22

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

Left In: -181.983+/-187.935 χ^2/NDF:25.6/22

Left: -237.305+/-133.206 χ^2/NDF: 45.8/45

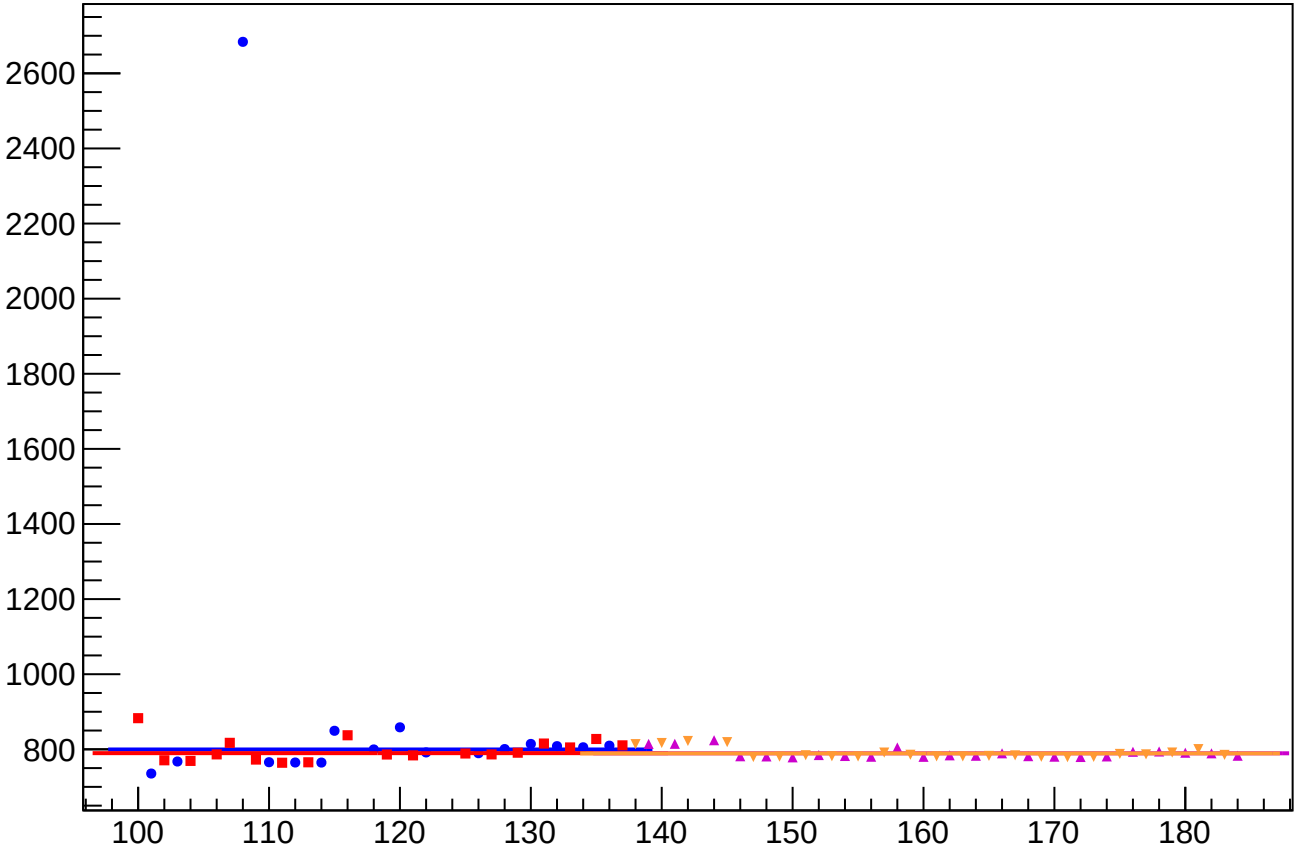
Right: -148.721+/-216.034 χ^2/NDF: 21.5/33

In: -238.215+/-161.146 χ^2/NDF:33.3/38

Out: -188.086+/-159.565 χ^2/NDF:34.1/40

All: -212.904+/-113.385 χ^2/NDF: 67.5/79

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 789.128+/-0.134 χ^2/NDF:9117.3/22

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

Left In: 789.406+/-0.133 χ^2/NDF:9219.1/22

Left: 789.268+/-0.094 χ^2/NDF: 18338.6/45

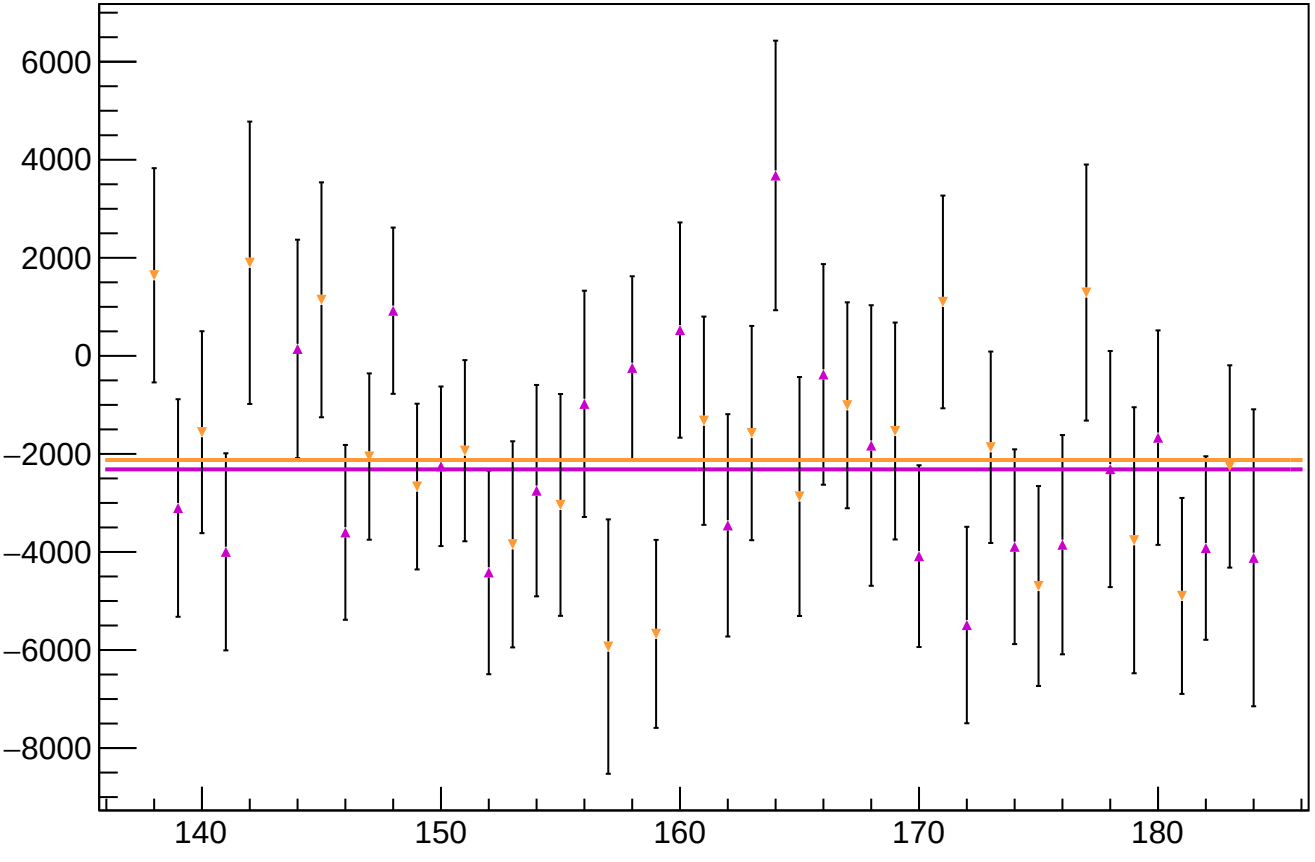
Right: 794.430+/-0.153 χ^2/NDF: 403375.5/33

In: 792.089+/-0.114 χ^2/NDF:401943.8/38

Out: 789.318+/-0.113 χ^2/NDF:20299.4/40

All: 790.690+/-0.080 χ^2/NDF: 422541.6/79

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2124.495+/-443.435 χ^2/NDF:21.9/22

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

Left In: -2315.169+/-437.003 χ^2/NDF:22.0/22

Left: -2221.225+/-311.257 χ^2/NDF: 43.9/45

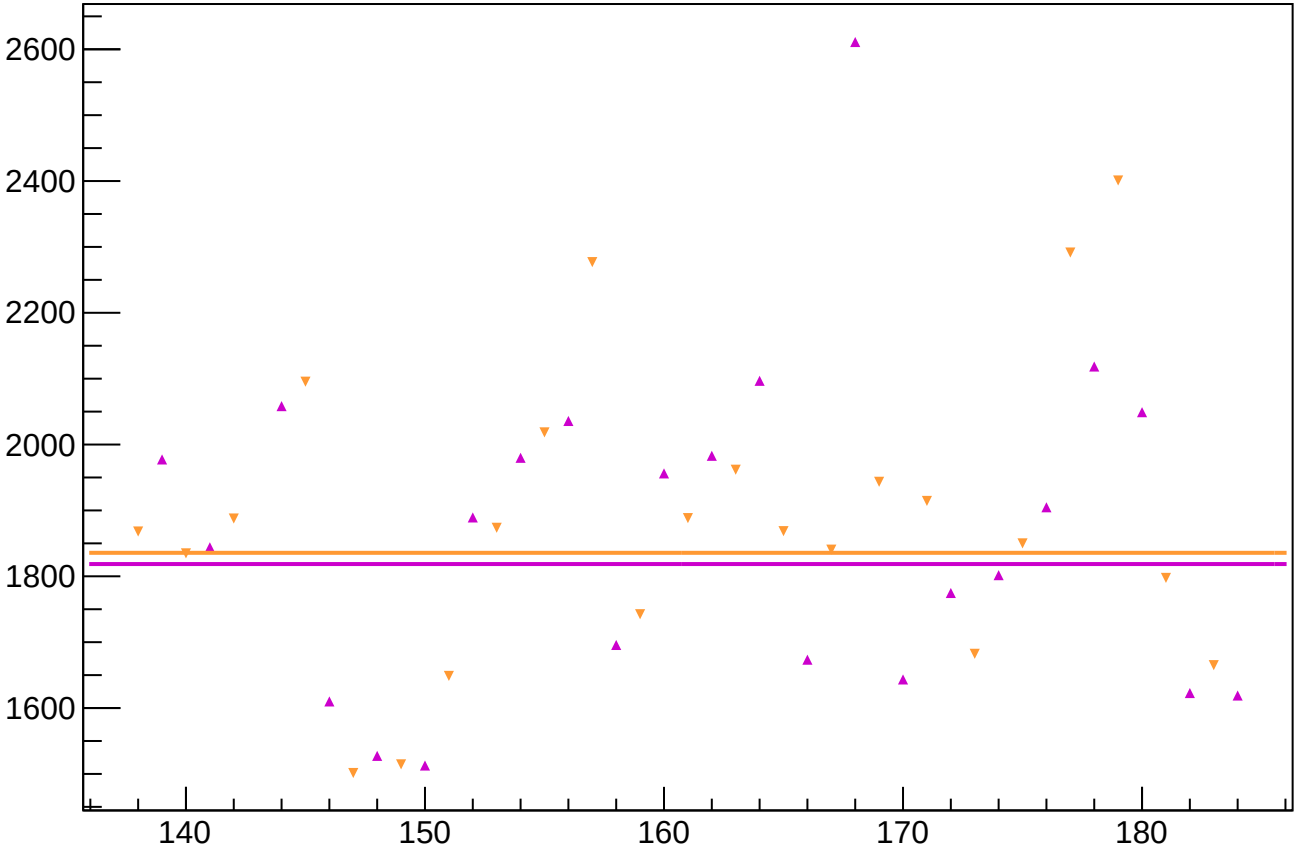
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2315.169+/-437.003 χ^2/NDF:22.0/22

Out: -2124.495+/-443.435 χ^2/NDF:21.9/22

All: -2221.225+/-311.257 χ^2/NDF: 43.9/45

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1835.653+/-0.314 χ^2/NDF:461330.8/22

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

Left In: 1818.594+/-0.309 χ^2/NDF:536826.7/22

Left: 1826.999+/-0.220 χ^2/NDF: 999659.0/45

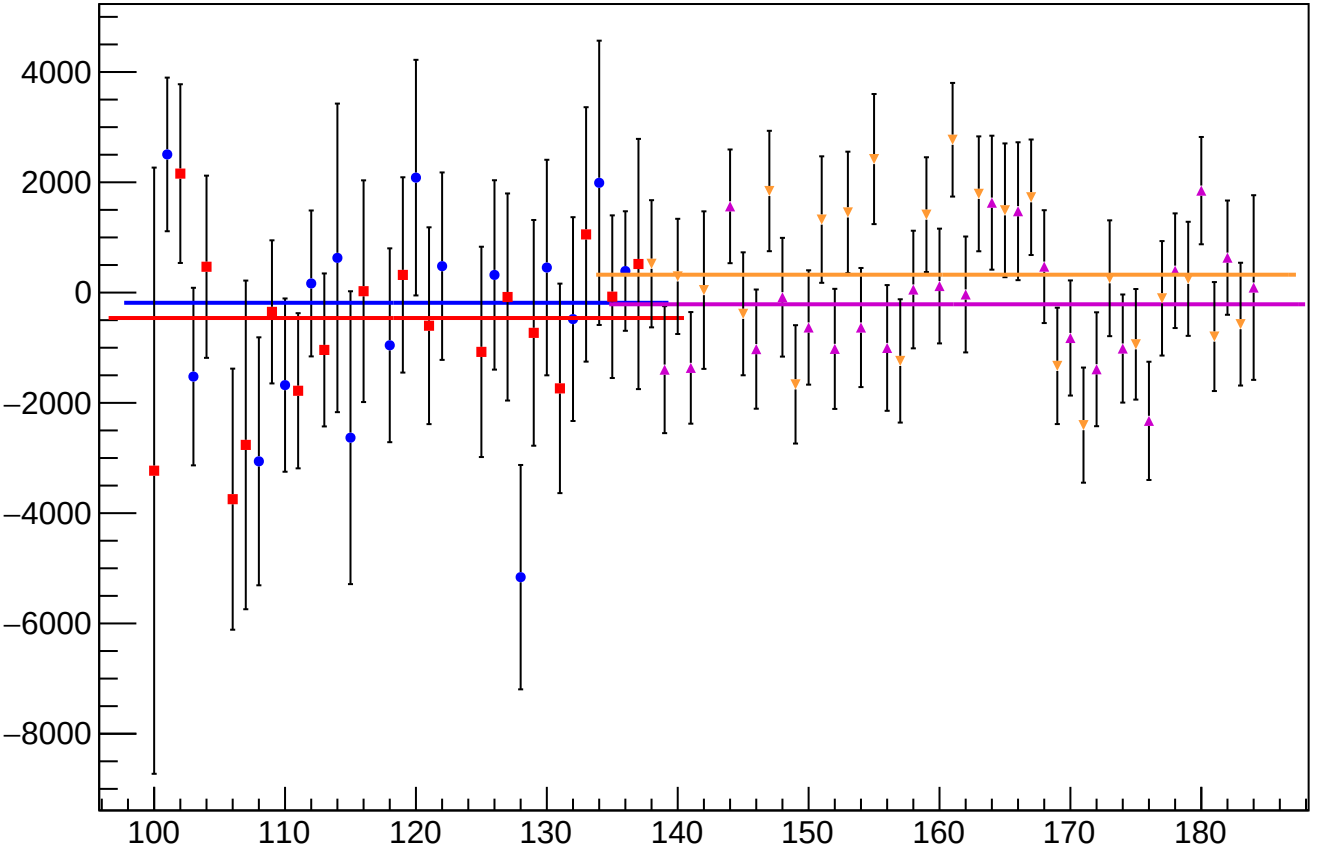
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1818.594+/-0.309 χ^2/NDF:536826.7/22

Out: 1835.653+/-0.314 χ^2/NDF:461330.8/22

All: 1826.999+/-0.220 χ^2/NDF: 999659.0/45

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 324.352+/-226.107 χ^2/NDF:37.2/22

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

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

Left: 54.463+/-159.382 χ^2/NDF: 63.8/45

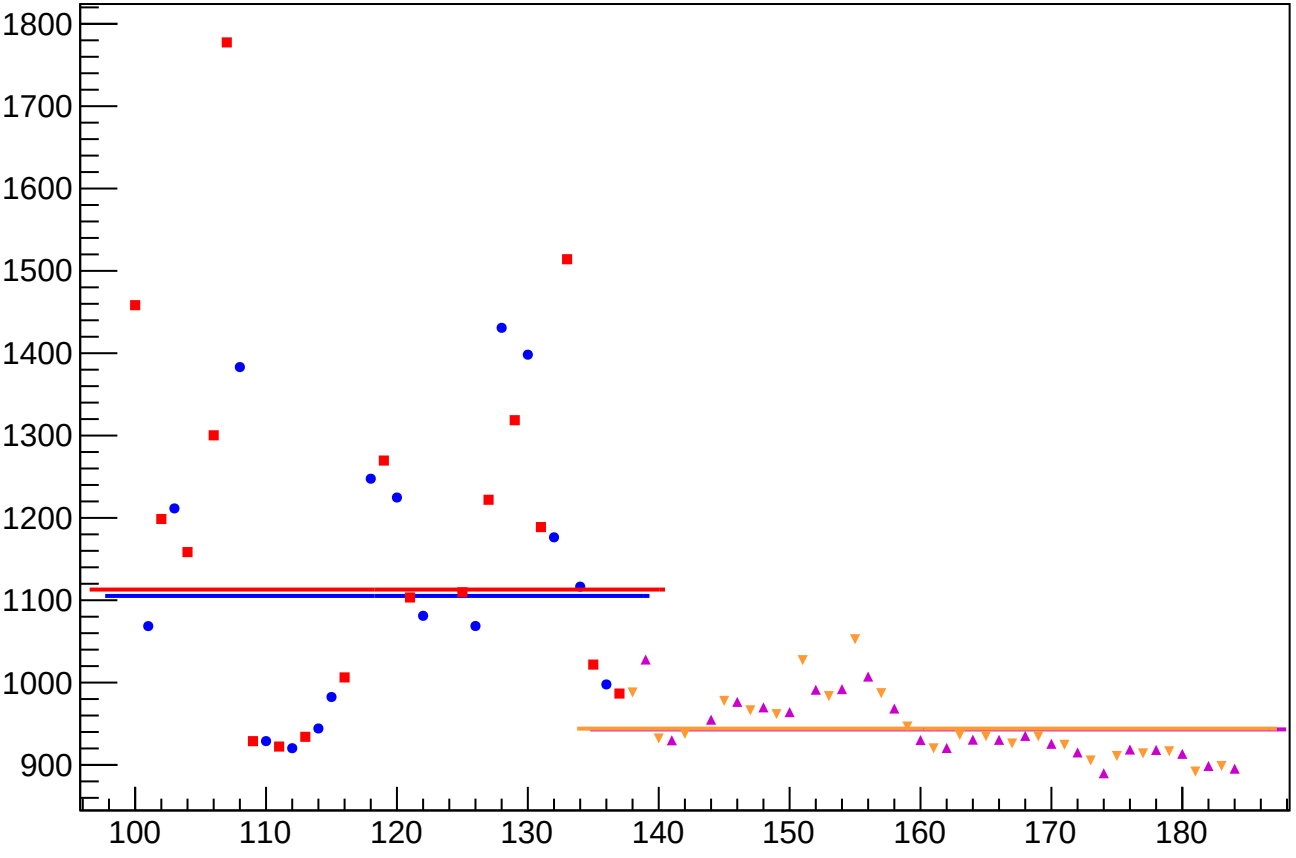
Right: -324.625+/-303.483 χ^2/NDF: 25.2/33

In: -206.315+/-199.297 χ^2/NDF:40.4/38

Out: 152.261+/-199.813 χ^2/NDF:48.2/40

All: -27.491+/-141.106 χ^2/NDF: 90.2/79

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 944.067+/-0.160 χ^2/NDF:59032.8/22

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

Left In: 943.137+/-0.159 χ^2/NDF:49948.2/22

Left: 943.599+/-0.113 χ^2/NDF: 108998.0/45

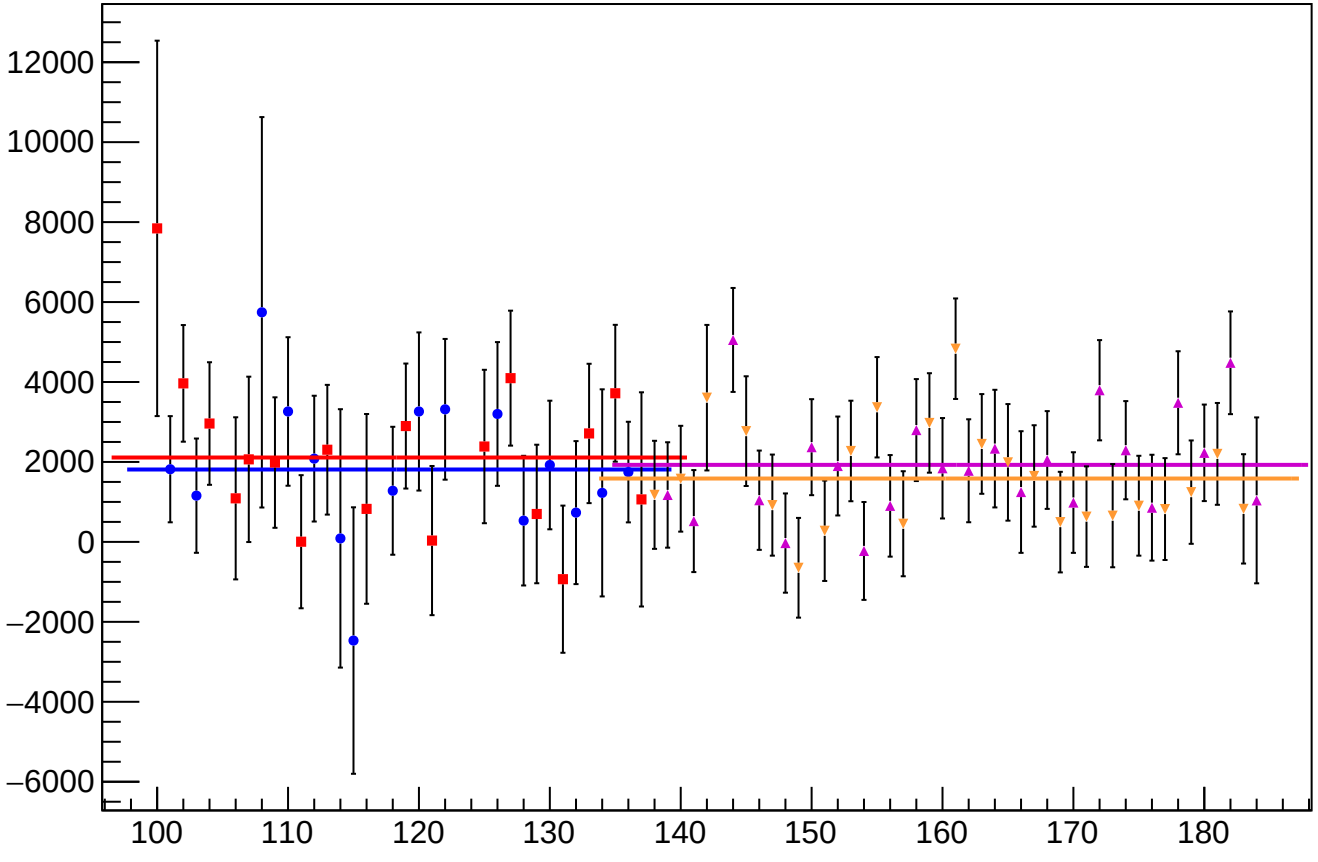
Right: 1109.146+/-0.215 χ^2/NDF: 618686.6/33

In: 977.717+/-0.141 χ^2/NDF:527355.2/38

Out: 981.067+/-0.141 χ^2/NDF:666512.8/40

All: 979.388+/-0.100 χ^2/NDF: 1194149.7/79

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1585.196+/-271.339 χ^2/NDF:21.3/22

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

Left In: 1926.929+/-269.667 χ^2/NDF:24.1/22

Left: 1757.119+/-191.272 χ^2/NDF: 46.2/45

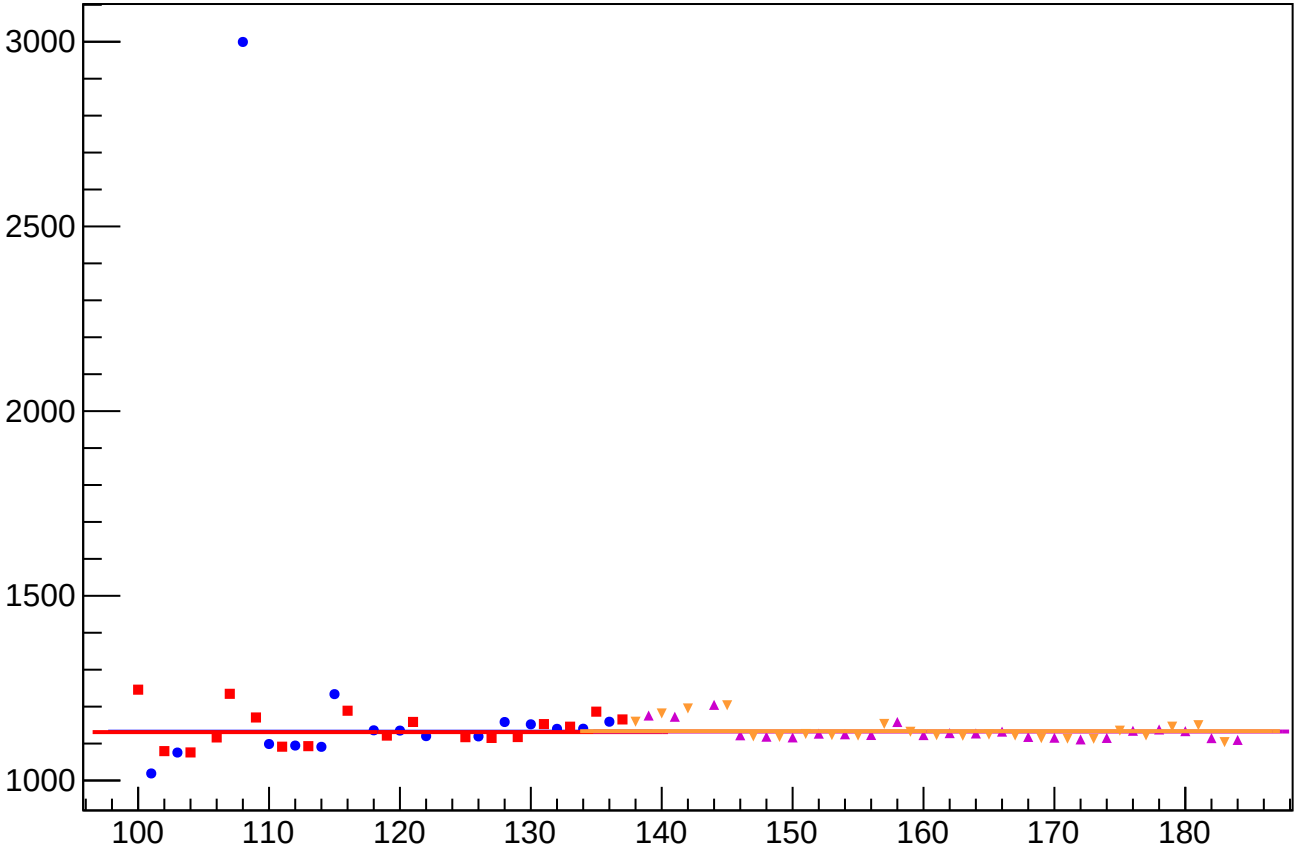
Right: 1966.016+/-307.400 χ^2/NDF: 19.7/33

In: 1895.512+/-230.225 χ^2/NDF:30.6/38

Out: 1736.103+/-229.117 χ^2/NDF:35.4/40

All: 1815.423+/-162.400 χ^2/NDF: 66.3/79

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1133.565+/-0.192 χ^2/NDF:15951.6/22

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

Left In: 1132.570+/-0.191 χ^2/NDF:14524.8/22

Left: 1133.065+/-0.135 χ^2/NDF: 30489.9/45

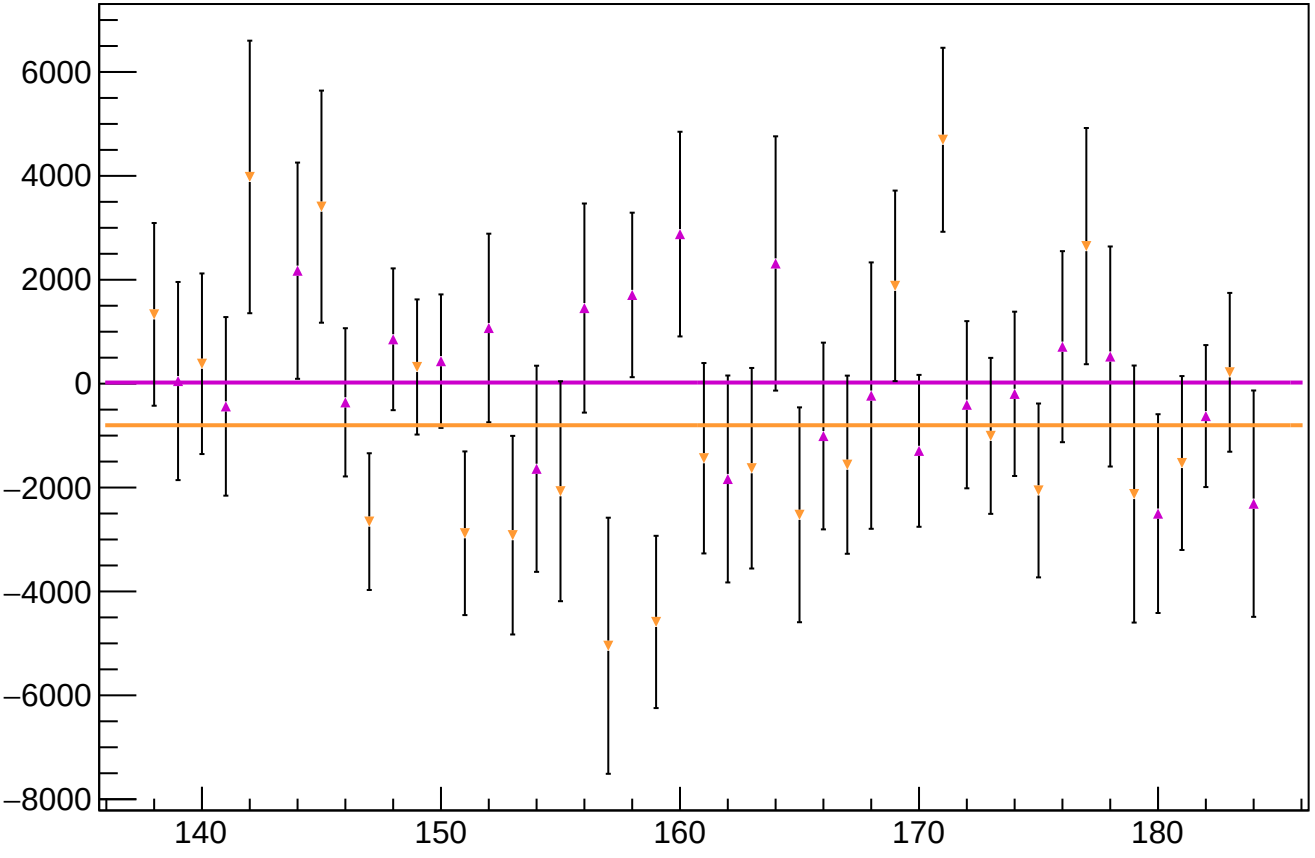
Right: 1131.528+/-0.217 χ^2/NDF: 335751.3/33

In: 1132.436+/-0.163 χ^2/NDF:330552.9/38

Out: 1132.834+/-0.162 χ^2/NDF:35721.4/40

All: 1132.636+/-0.115 χ^2/NDF: 366277.3/79

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -800.602+/-370.262 χ^2/NDF:39.8/22

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

Left In: 21.419+/-362.476 χ^2/NDF:12.8/22

Left: -380.857+/-259.018 χ^2/NDF: 55.1/45

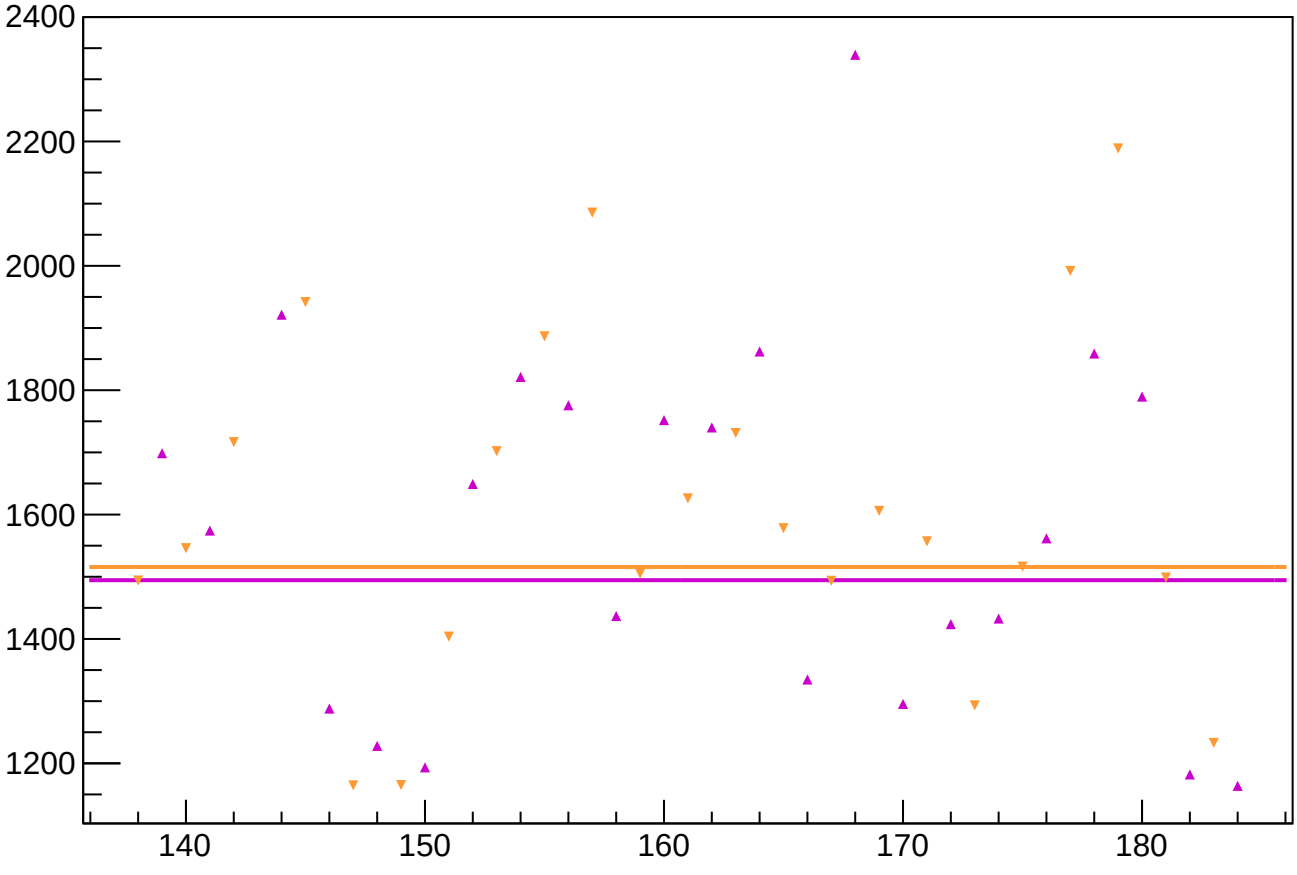
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 21.419+/-362.476 χ^2/NDF:12.8/22

Out: -800.602+/-370.262 χ^2/NDF:39.8/22

All: -380.857+/-259.018 χ^2/NDF: 55.1/45

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1515.733+/-0.262 χ^2/NDF:959128.1/22

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

Left In: 1494.507+/-0.256 χ^2/NDF:1096280.5/22

Left: 1504.894+/-0.183 χ^2/NDF: 2058764.7/45

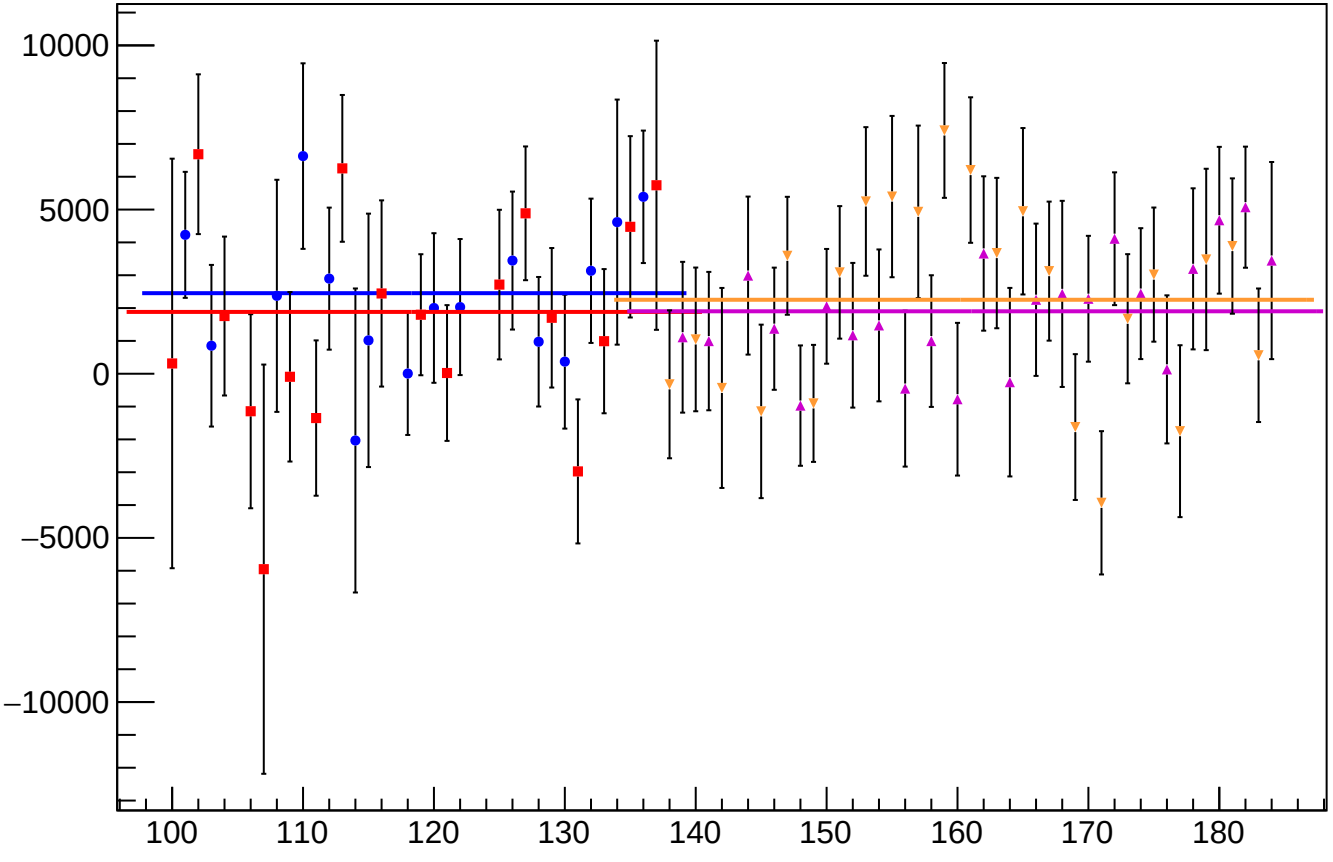
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1494.507+/-0.256 χ^2/NDF:1096280.5/22

Out: 1515.733+/-0.262 χ^2/NDF:959128.1/22

All: 1504.894+/-0.183 χ^2/NDF: 2058764.7/45

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2252.799+/-460.858 χ^2/NDF:38.7/22

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

Left In: 1901.797+/-453.879 χ^2/NDF:13.9/22

Left: 2074.620+/-323.380 χ^2/NDF: 52.8/45

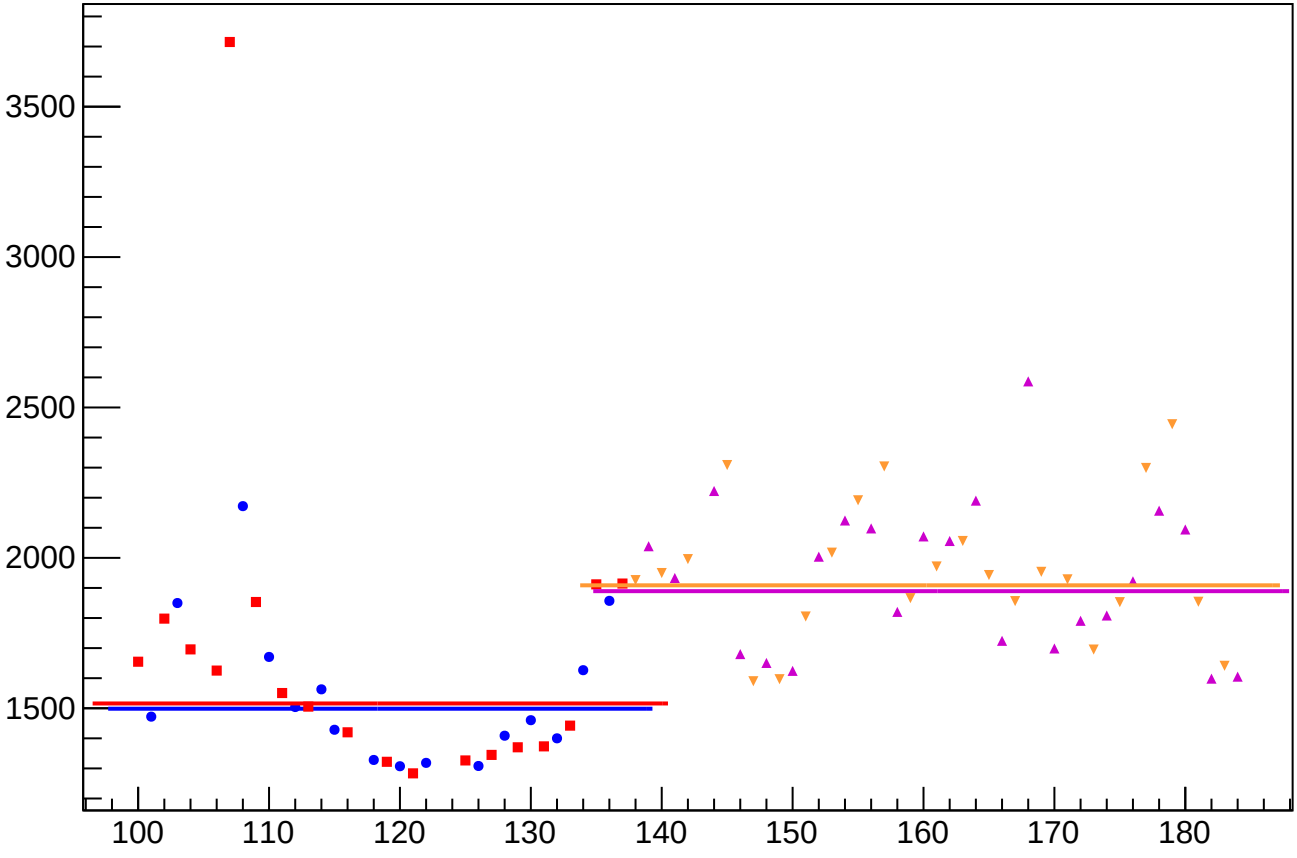
Right: 2167.665+/-412.771 χ^2/NDF: 34.0/33

In: 2109.479+/-358.443 χ^2/NDF:25.2/38

Out: 2110.548+/-361.585 χ^2/NDF:61.7/40

All: 2110.009+/-254.561 χ^2/NDF: 86.8/79

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1908.733+/-0.326 χ^2/NDF:448312.7/22

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

Left In: 1889.326+/-0.321 χ^2/NDF:508648.5/22

Left: 1898.882+/-0.229 χ^2/NDF: 958761.5/45

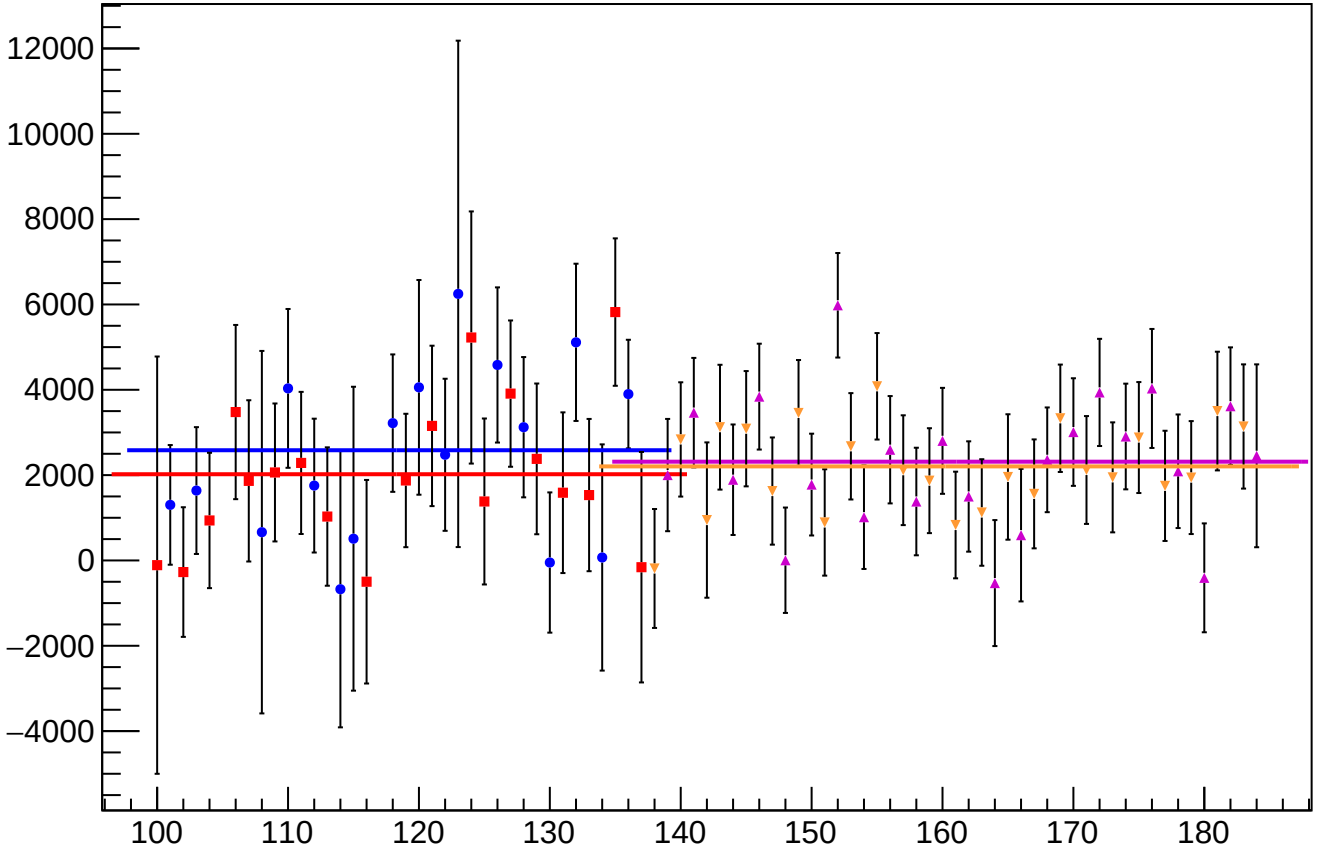
Right: 1507.233+/-0.292 χ^2/NDF: 740243.9/33

In: 1742.244+/-0.253 χ^2/NDF:1325554.5/38

Out: 1757.740+/-0.256 χ^2/NDF:1487333.5/40

All: 1749.924+/-0.180 χ^2/NDF: 2814740.5/79

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2204.280+/-268.854 χ^2/NDF:14.1/23

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

Left In: 2314.778+/-271.873 χ^2/NDF:31.6/22

Left: 2258.912+/-191.167 χ^2/NDF: 45.7/46

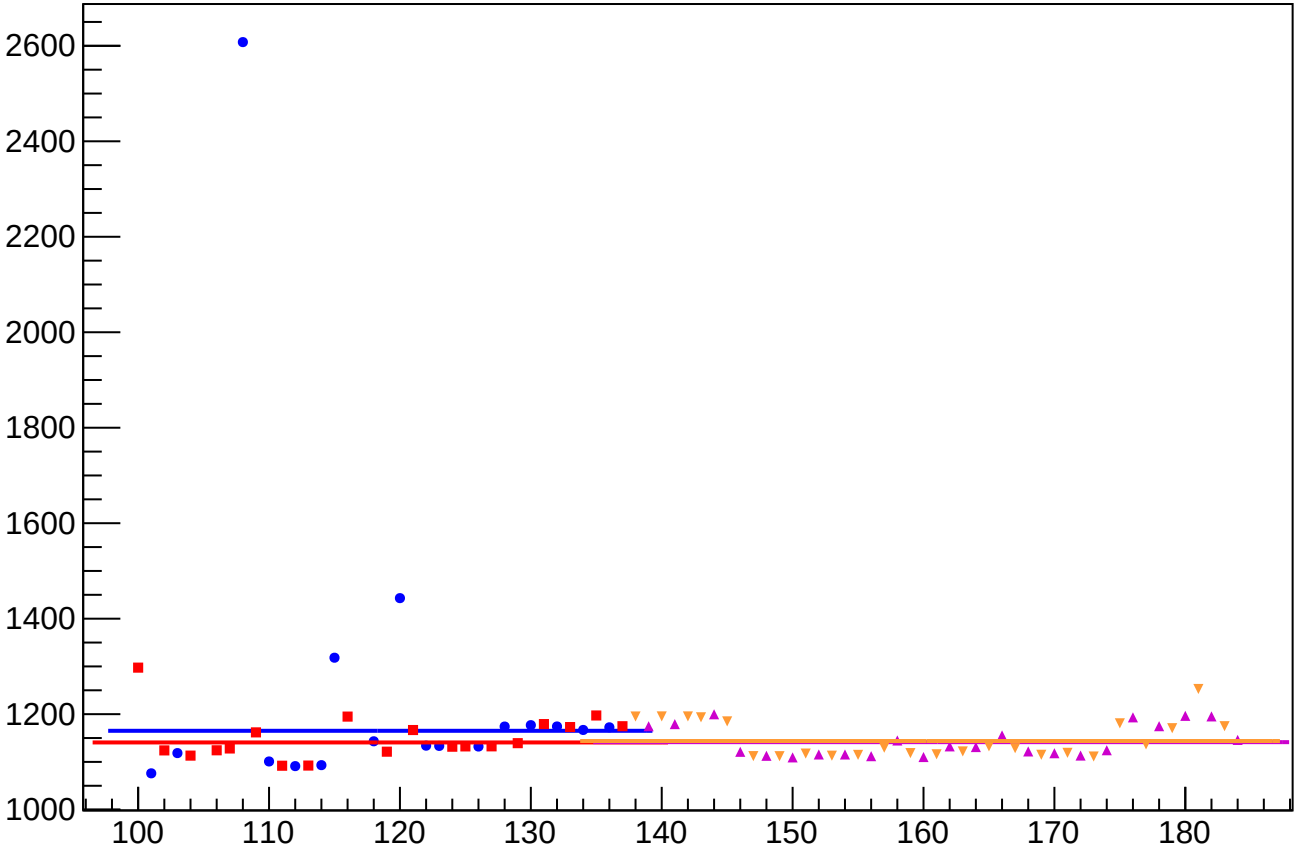
Right: 2284.984+/-310.688 χ^2/NDF: 26.6/35

In: 2385.758+/-233.139 χ^2/NDF:44.1/39

Out: 2152.130+/-227.475 χ^2/NDF:27.7/42

All: 2266.072+/-162.815 χ^2/NDF: 72.4/82

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1143.721+/-0.190 χ^2/NDF:39063.1/23

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

Left In: 1141.363+/-0.192 χ^2/NDF:28014.9/22

Left: 1142.555+/-0.135 χ^2/NDF: 67154.1/46

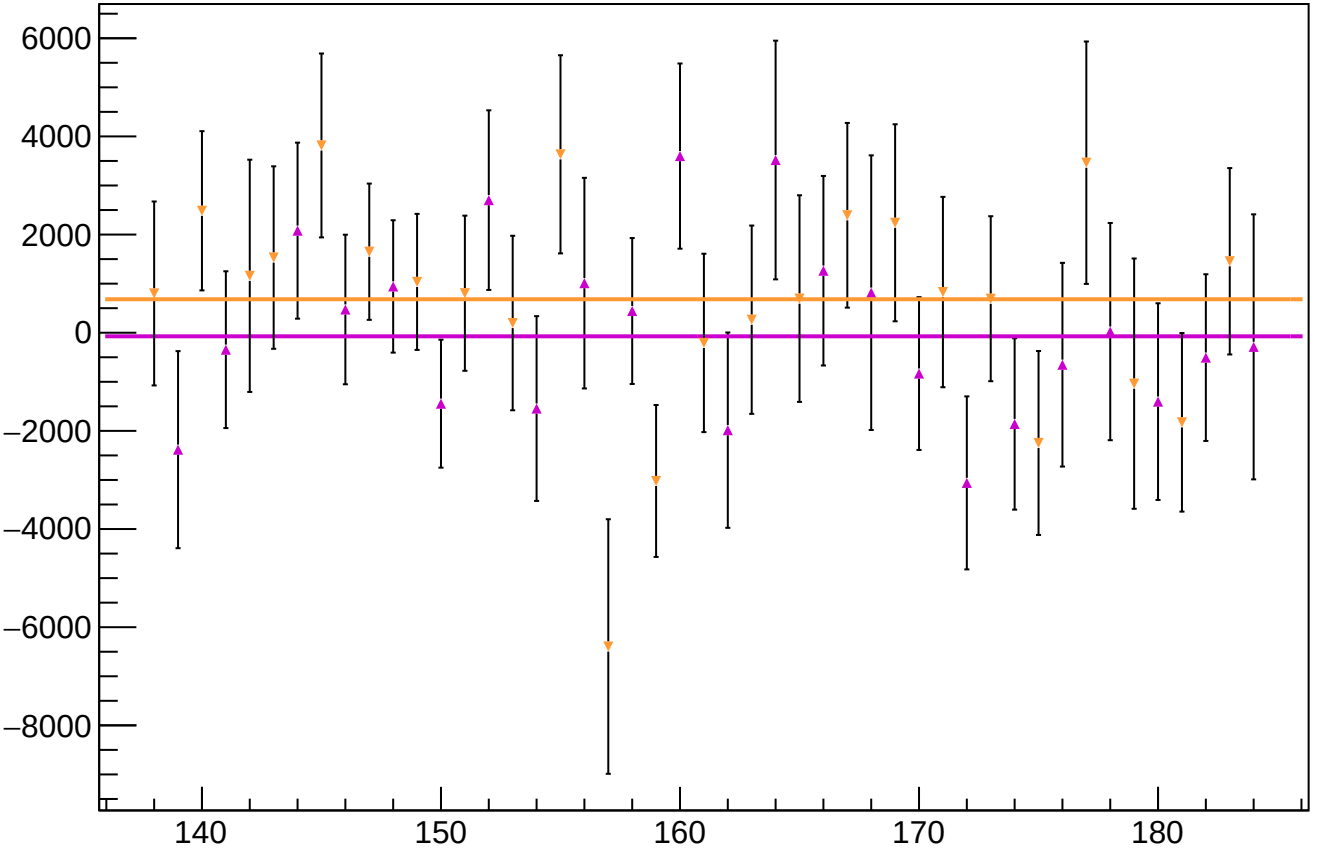
Right: 1152.217+/-0.220 χ^2/NDF: 294359.2/35

In: 1147.657+/-0.165 χ^2/NDF:310635.4/39

Out: 1142.878+/-0.161 χ^2/NDF:51850.1/42

All: 1145.209+/-0.115 χ^2/NDF: 362916.2/82

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 682.053+/-374.831 χ^2/NDF:28.2/23

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

Left In: -72.962+/-375.277 χ^2/NDF:20.1/22

Left: 304.995+/-265.203 χ^2/NDF: 50.3/46

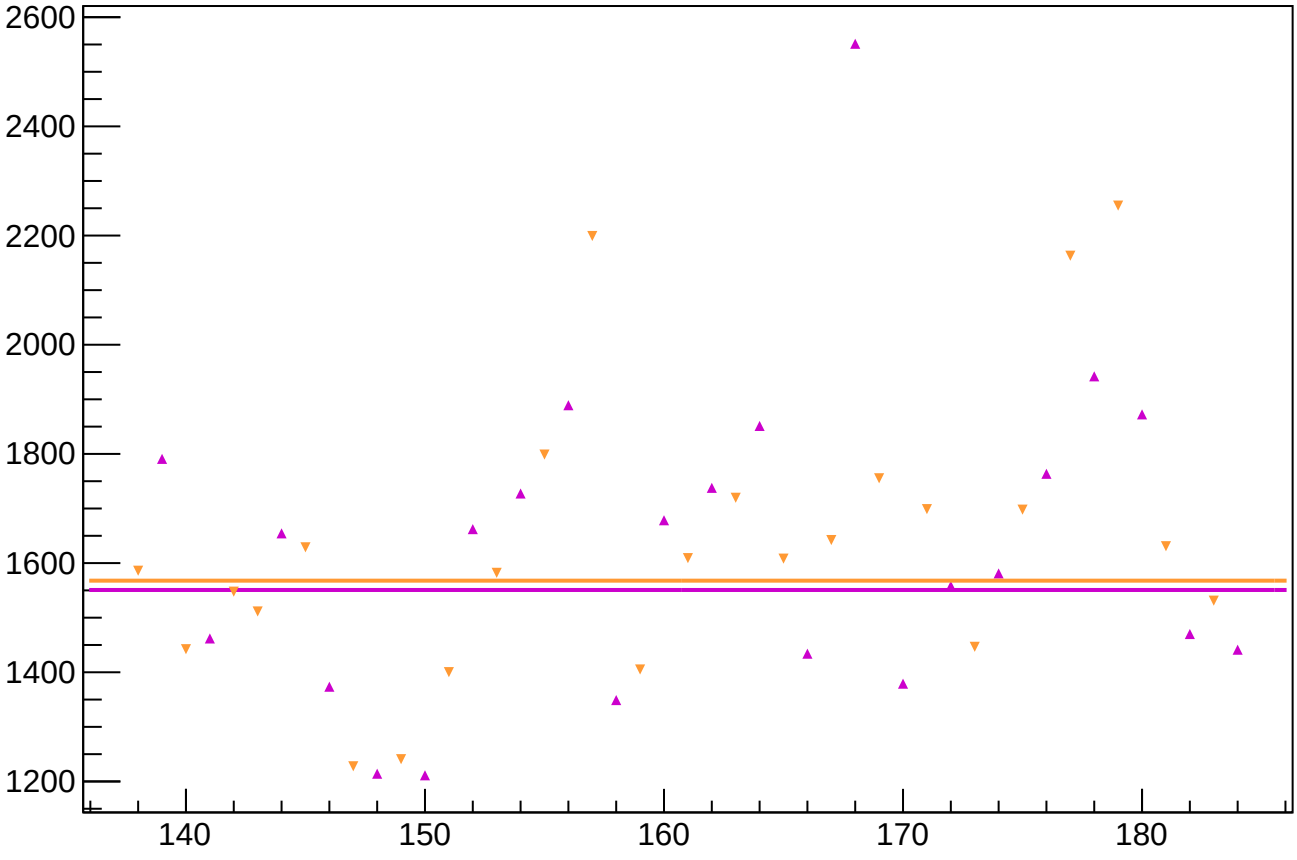
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -72.962+/-375.277 χ^2/NDF:20.1/22

Out: 682.053+/-374.831 χ^2/NDF:28.2/23

All: 304.995+/-265.203 χ^2/NDF: 50.3/46

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1567.821+/-0.265 χ^2/NDF:765634.8/23

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

Left In: 1550.750+/-0.265 χ^2/NDF:928652.8/22

Left: 1559.296+/-0.188 χ^2/NDF: 1696359.5/46

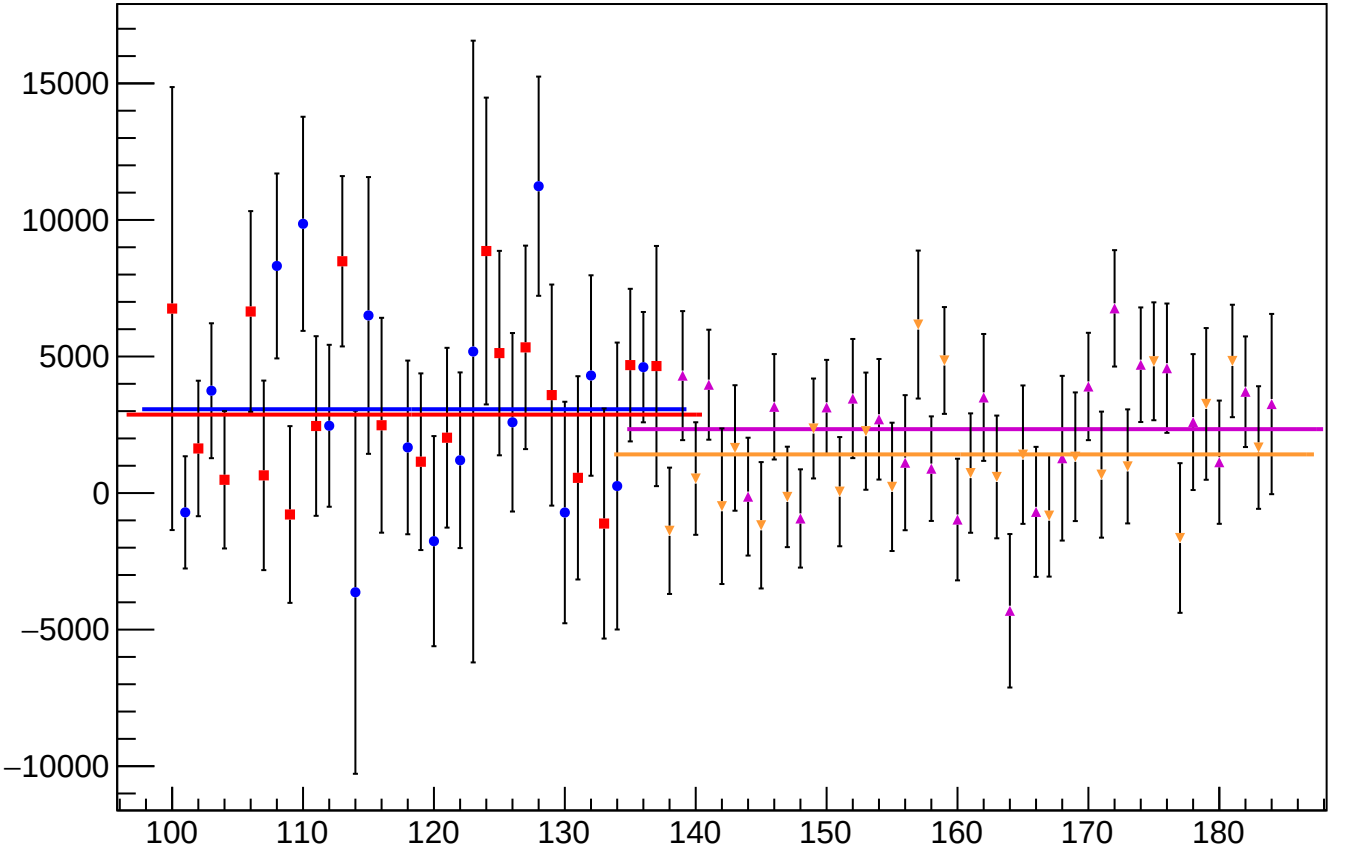
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1550.750+/-0.265 χ^2/NDF:928652.8/22

Out: 1567.821+/-0.265 χ^2/NDF:765634.8/23

All: 1559.296+/-0.188 χ^2/NDF: 1696359.5/46

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1415.967+/-454.747 χ^2/NDF:19.7/23

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

Left In: 2339.905+/-457.448 χ^2/NDF:25.2/22

Left: 1875.200+/-322.505 χ^2/NDF: 47.0/46

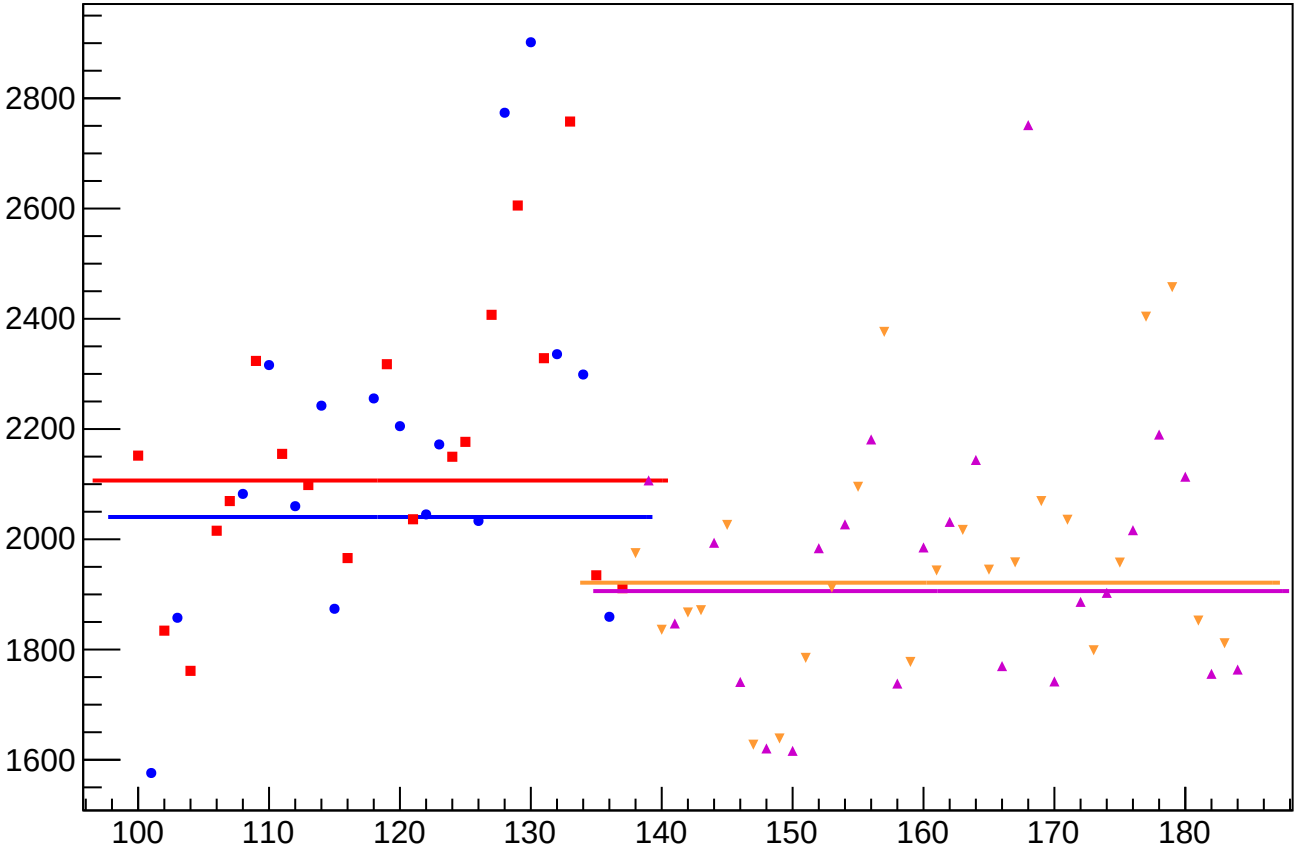
Right: 2970.754+/-563.242 χ^2/NDF: 30.1/35

In: 2520.442+/-396.834 χ^2/NDF:44.3/39

Out: 1774.835+/-394.775 χ^2/NDF:33.9/42

All: 2145.700+/-279.873 χ^2/NDF: 80.0/82

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1921.288+/-0.322 χ^2/NDF:364974.9/23

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

Left In: 1906.043+/-0.323 χ^2/NDF:451054.7/22

Left: 1913.711+/-0.228 χ^2/NDF: 817146.9/46

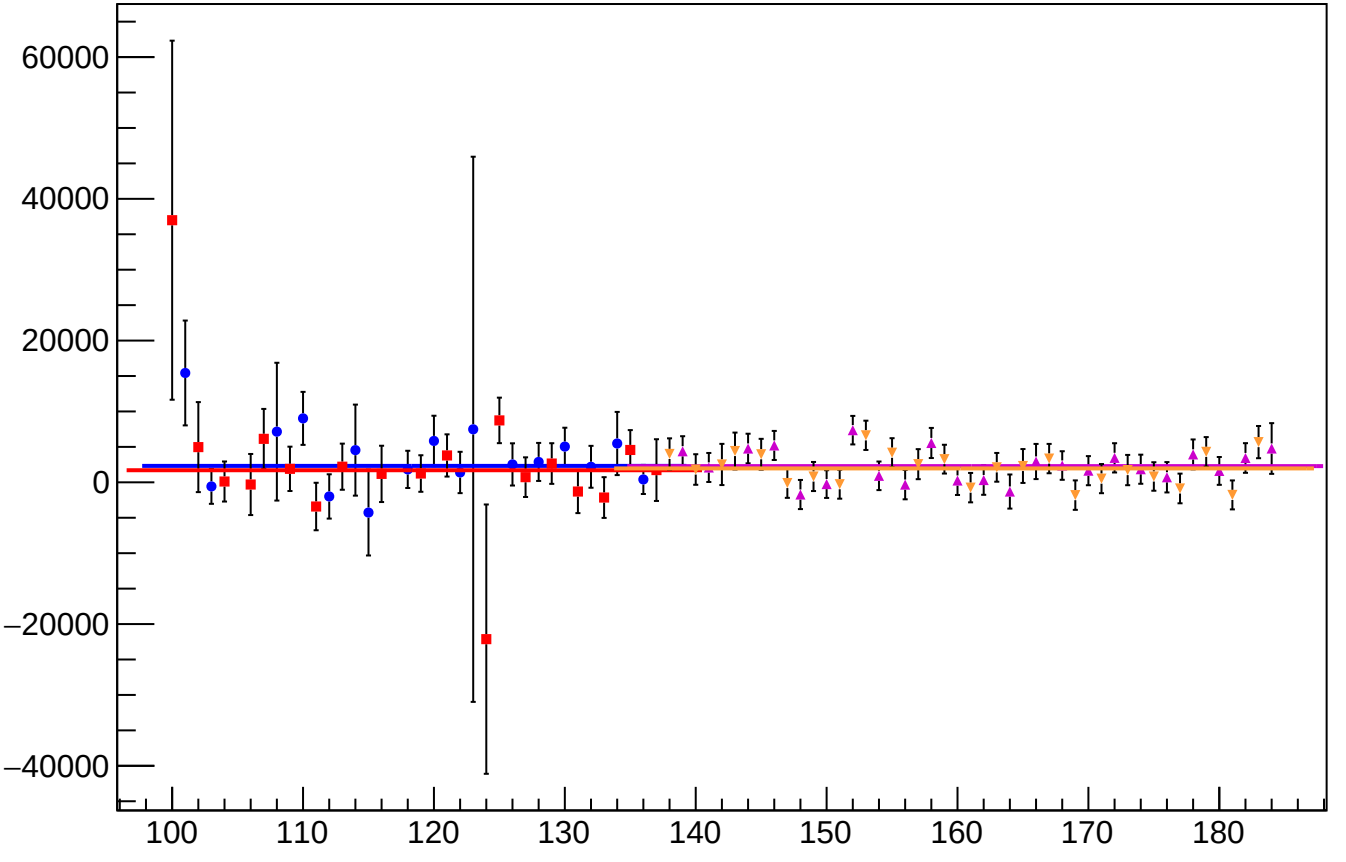
Right: 2073.628+/-0.398 χ^2/NDF: 533659.8/35

In: 1939.298+/-0.281 χ^2/NDF:825109.4/39

Out: 1966.949+/-0.279 χ^2/NDF:642233.9/42

All: 1953.195+/-0.198 χ^2/NDF: 1472223.5/82

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1961.087+/-436.339 χ^2/NDF:27.3/23

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

Left In: 2286.268+/-441.005 χ^2/NDF:27.3/22

Left: 2121.948+/-310.175 χ^2/NDF: 54.9/46

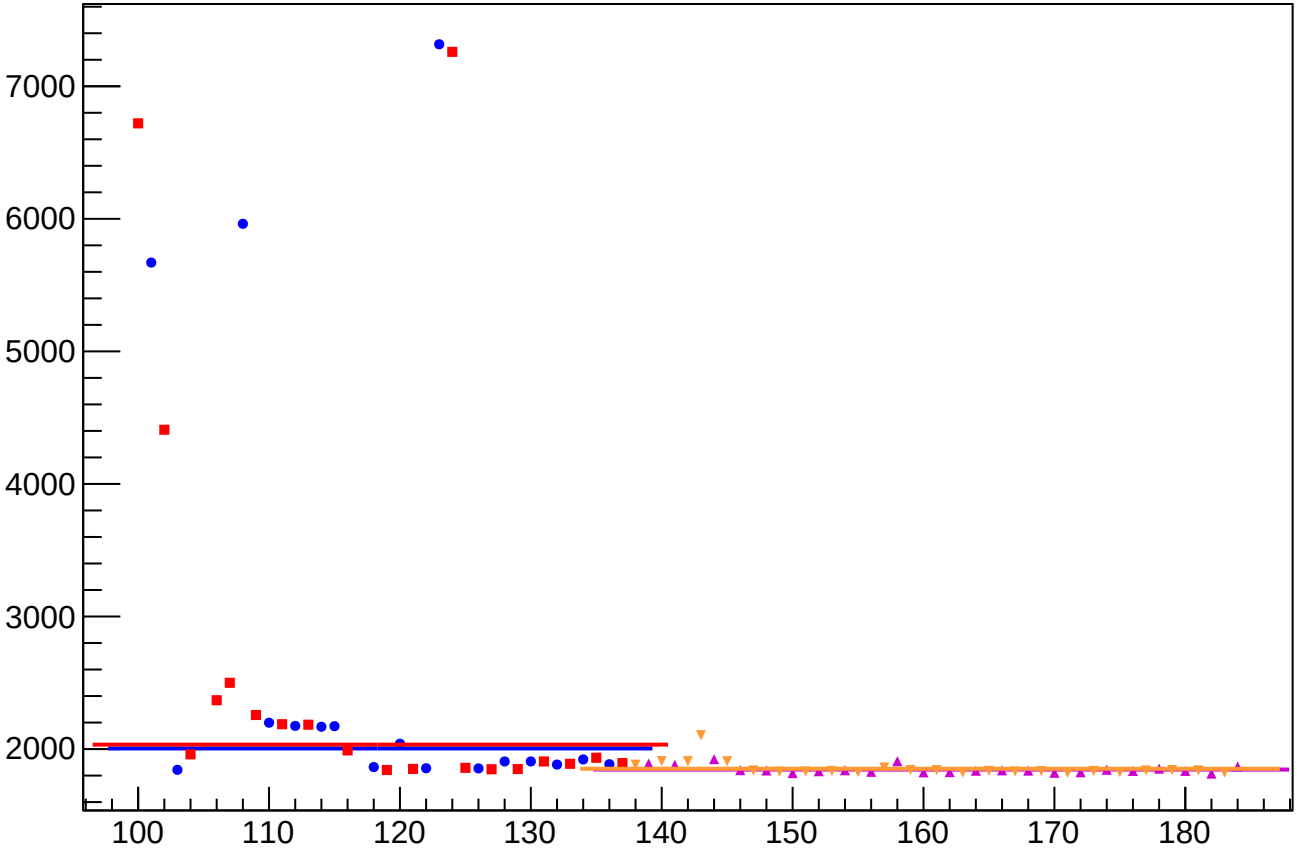
Right: 2005.073+/-560.015 χ^2/NDF: 32.3/35

In: 2293.885+/-386.372 χ^2/NDF:42.1/39

Out: 1900.507+/-381.135 χ^2/NDF:44.5/42

All: 2094.511+/-271.336 χ^2/NDF: 87.2/82

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1851.584+/-0.309 χ^2/NDF:26052.1/23

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

Left In: 1845.411+/-0.312 χ^2/NDF:8318.8/22

Left: 1848.530+/-0.219 χ^2/NDF: 34568.9/46

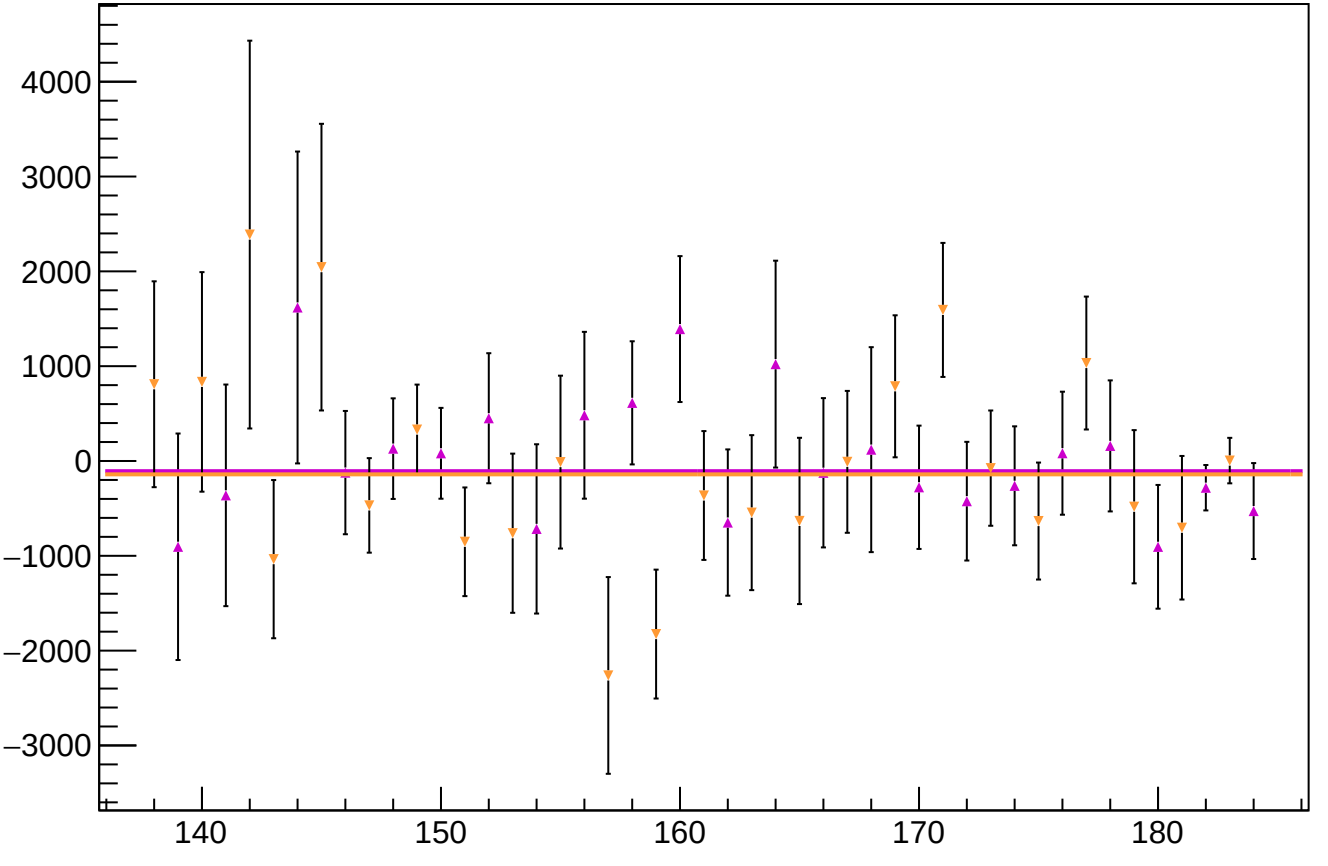
Right: 2019.360+/-0.396 χ^2/NDF: 1528357.7/35

In: 1882.398+/-0.273 χ^2/NDF:984862.0/39

Out: 1894.701+/-0.270 χ^2/NDF:719452.8/42

All: 1888.634+/-0.192 χ^2/NDF: 1705342.7/82

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -140.789+/-129.638 χ^2/NDF:32.9/23

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

Left In: -107.387+/-127.580 χ^2/NDF:13.5/22

Left: -123.821+/-90.931 χ^2/NDF: 46.4/46

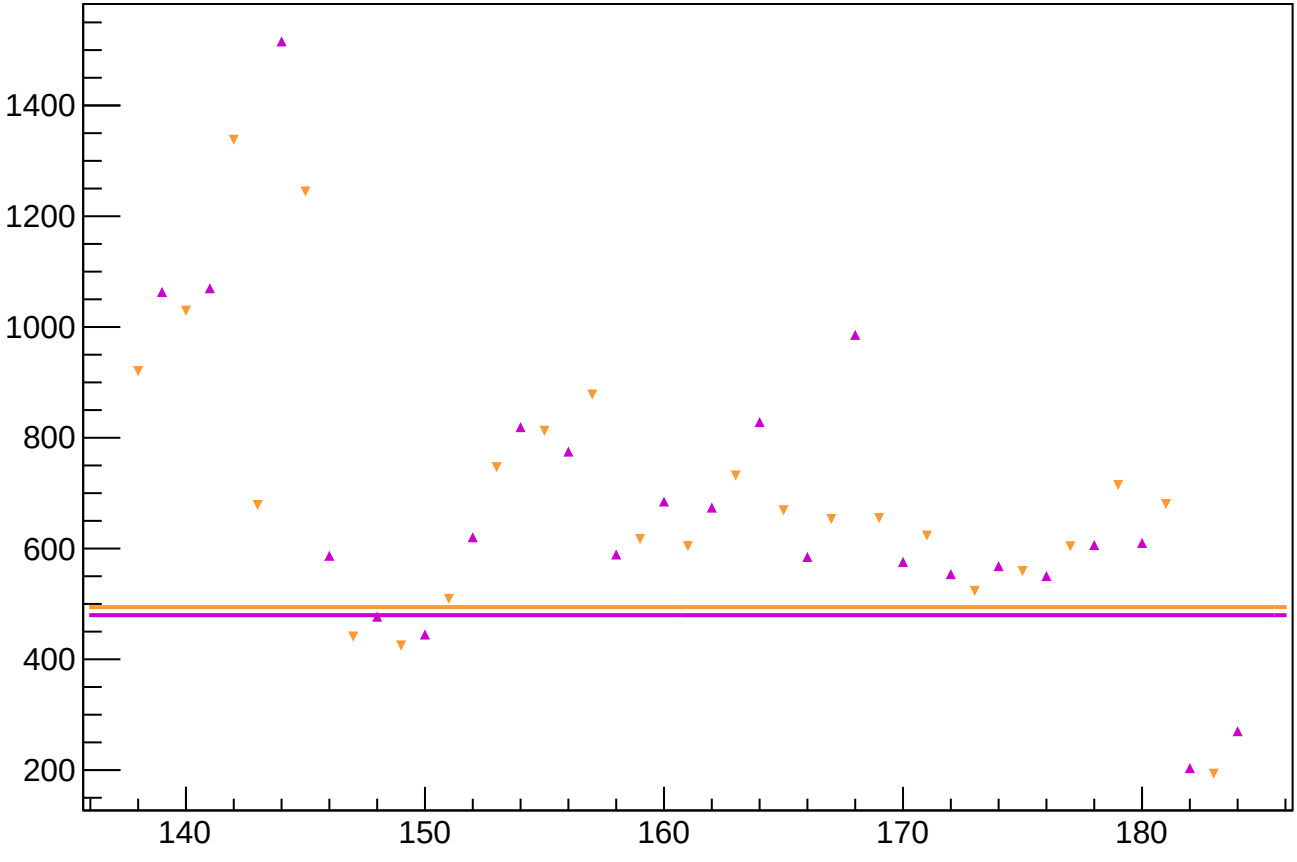
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -107.387+/-127.580 χ^2/NDF:13.5/22

Out: -140.789+/-129.638 χ^2/NDF:32.9/23

All: -123.821+/-90.931 χ^2/NDF: 46.4/46

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 494.274+/-0.092 χ^2/NDF:6538991.7/23

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

Left In: 479.723+/-0.090 χ^2/NDF:6734597.7/22

Left: 486.882+/-0.064 χ^2/NDF: 13286390.0/46

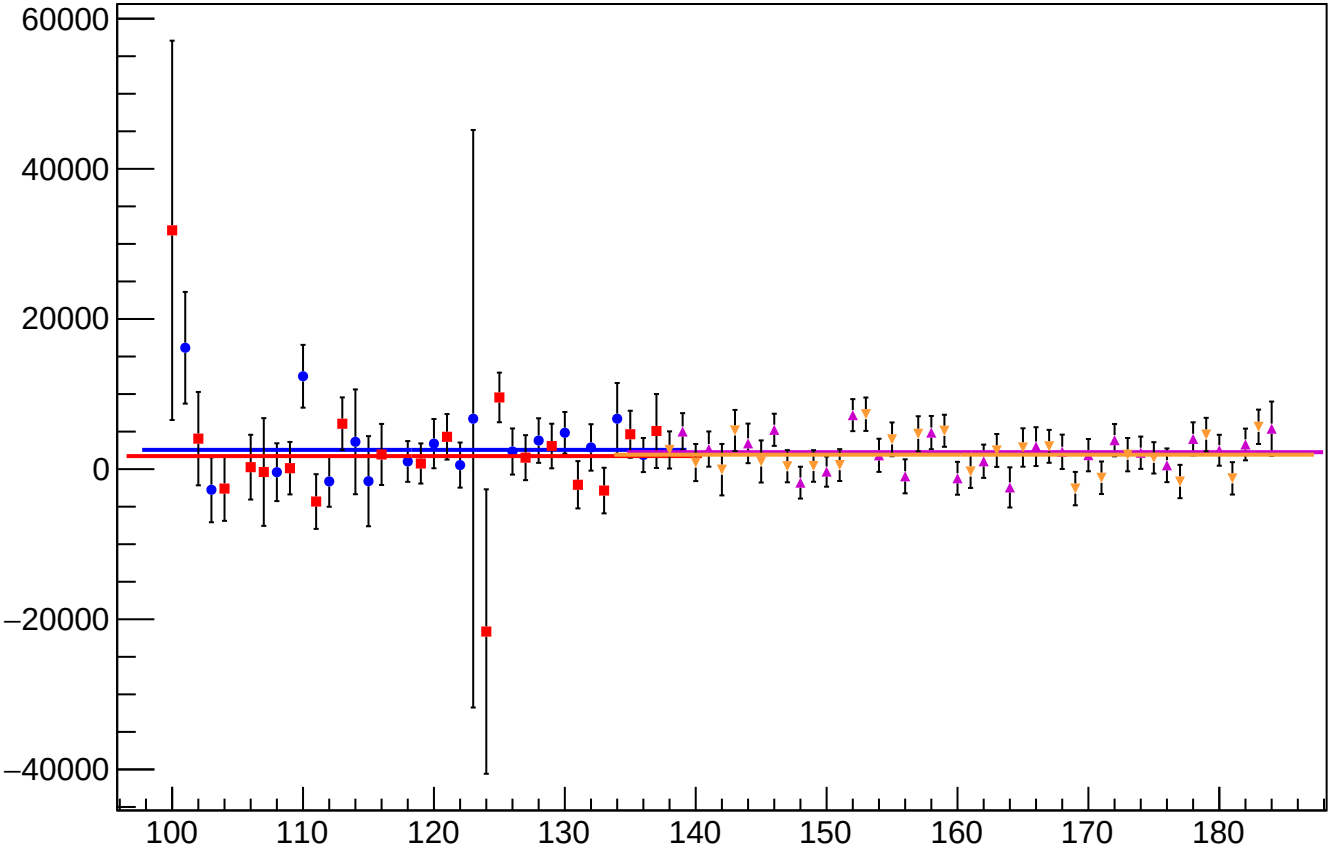
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 479.723+/-0.090 χ^2/NDF:6734597.7/22

Out: 494.274+/-0.092 χ^2/NDF:6538991.7/23

All: 486.882+/-0.064 χ^2/NDF: 13286390.0/46

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1926.590+/-467.527 χ^2/NDF:30.4/23

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

Left In: 2260.178+/-472.324 χ^2/NDF:26.3/22

Left: 2091.681+/-332.274 χ^2/NDF: 56.9/46

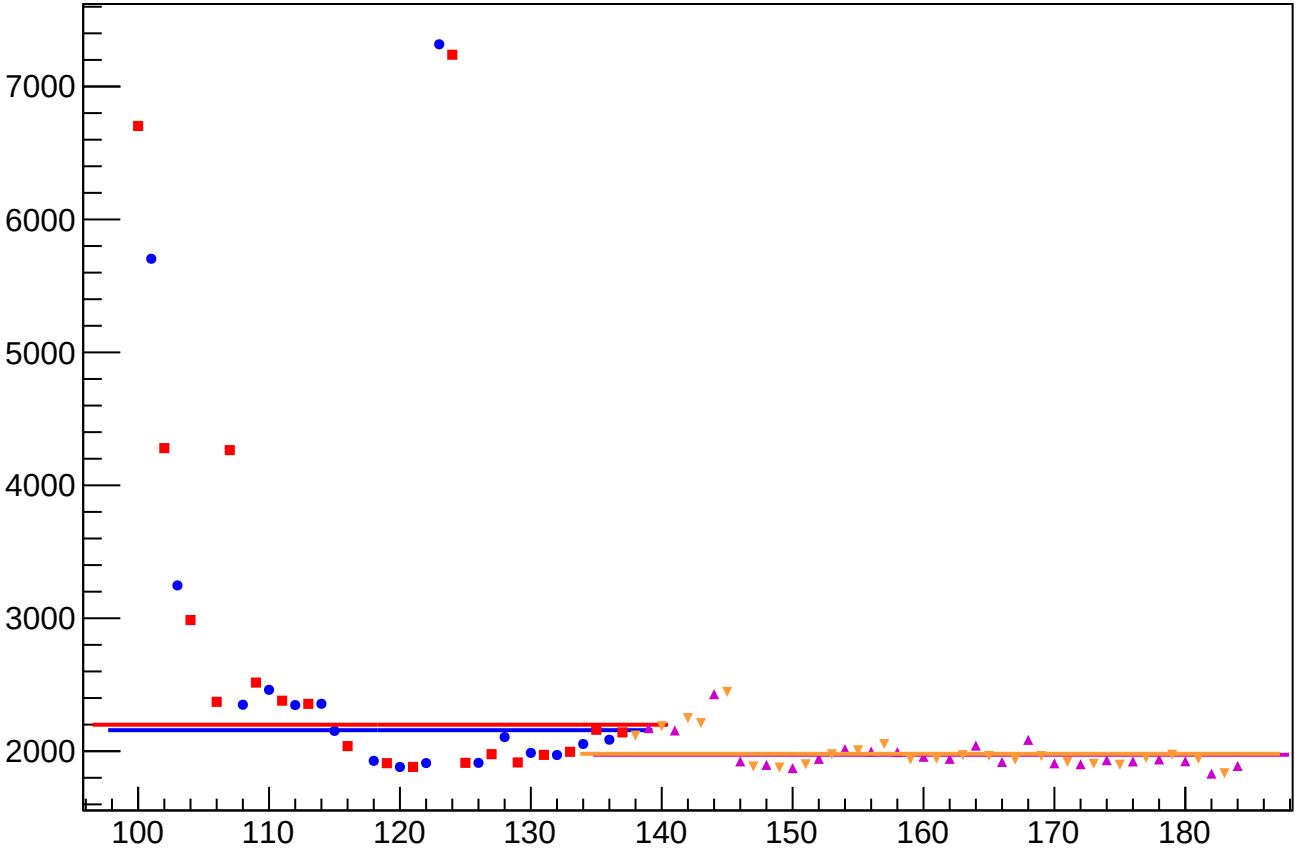
Right: 2150.830+/-604.316 χ^2/NDF: 36.5/35

In: 2331.732+/-413.556 χ^2/NDF:42.0/39

Out: 1882.964+/-410.004 χ^2/NDF:50.9/42

All: 2105.412+/-291.164 χ^2/NDF: 93.5/82

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1980.492+/-0.331 χ^2/NDF:134269.1/23

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

Left In: 1973.216+/-0.334 χ^2/NDF:120479.3/22

Left: 1976.891+/-0.235 χ^2/NDF: 254988.1/46

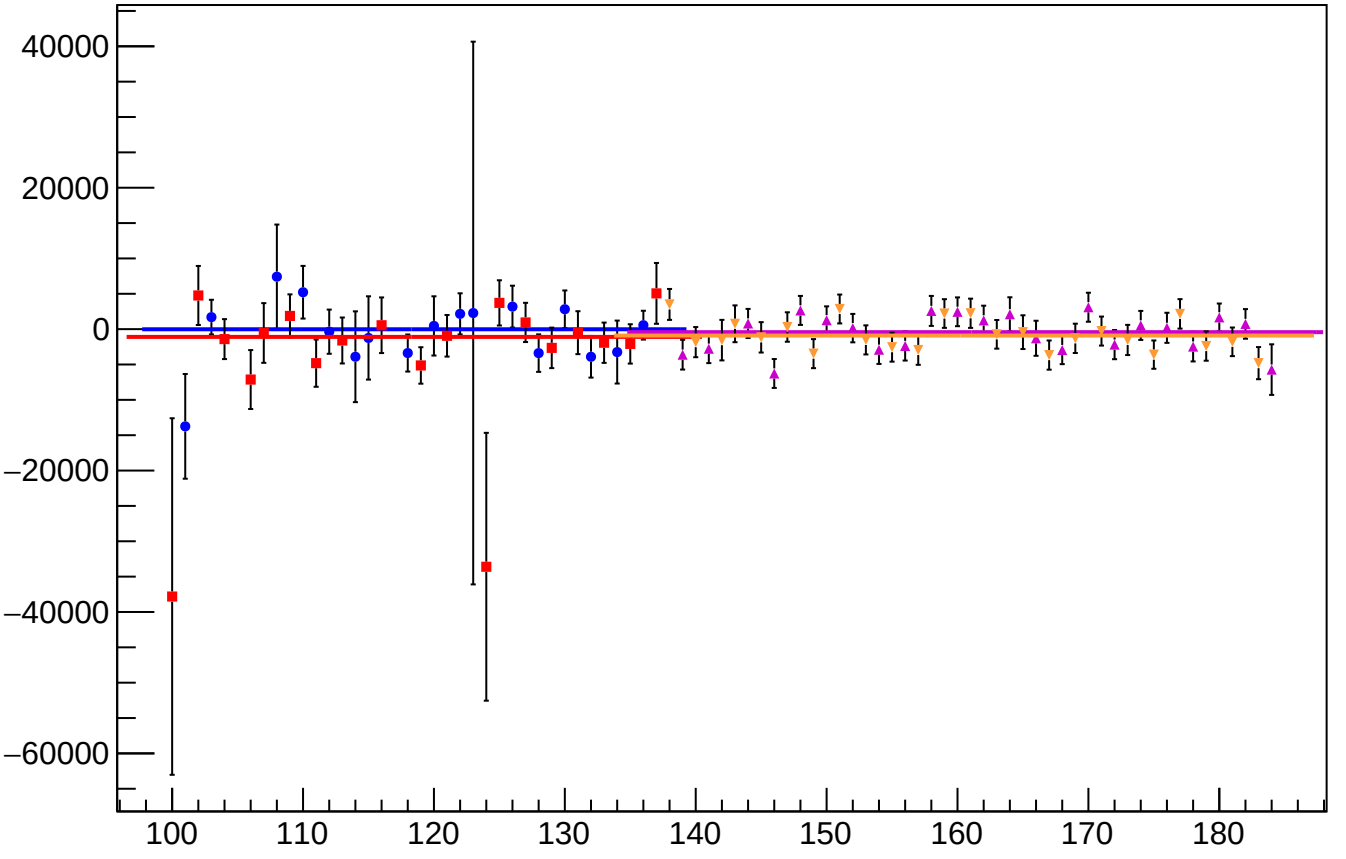
Right: 2178.816+/-0.427 χ^2/NDF: 1519207.5/35

In: 2016.373+/-0.292 χ^2/NDF:905890.9/39

Out: 2031.033+/-0.290 χ^2/NDF:1038497.6/42

All: 2023.766+/-0.206 χ^2/NDF: 1945656.0/82

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -905.577+/-434.529 χ^2/NDF:26.0/23

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

Left In: -427.682+/-439.561 χ^2/NDF:33.7/22

Left: -669.381+/-309.022 χ^2/NDF: 60.3/46

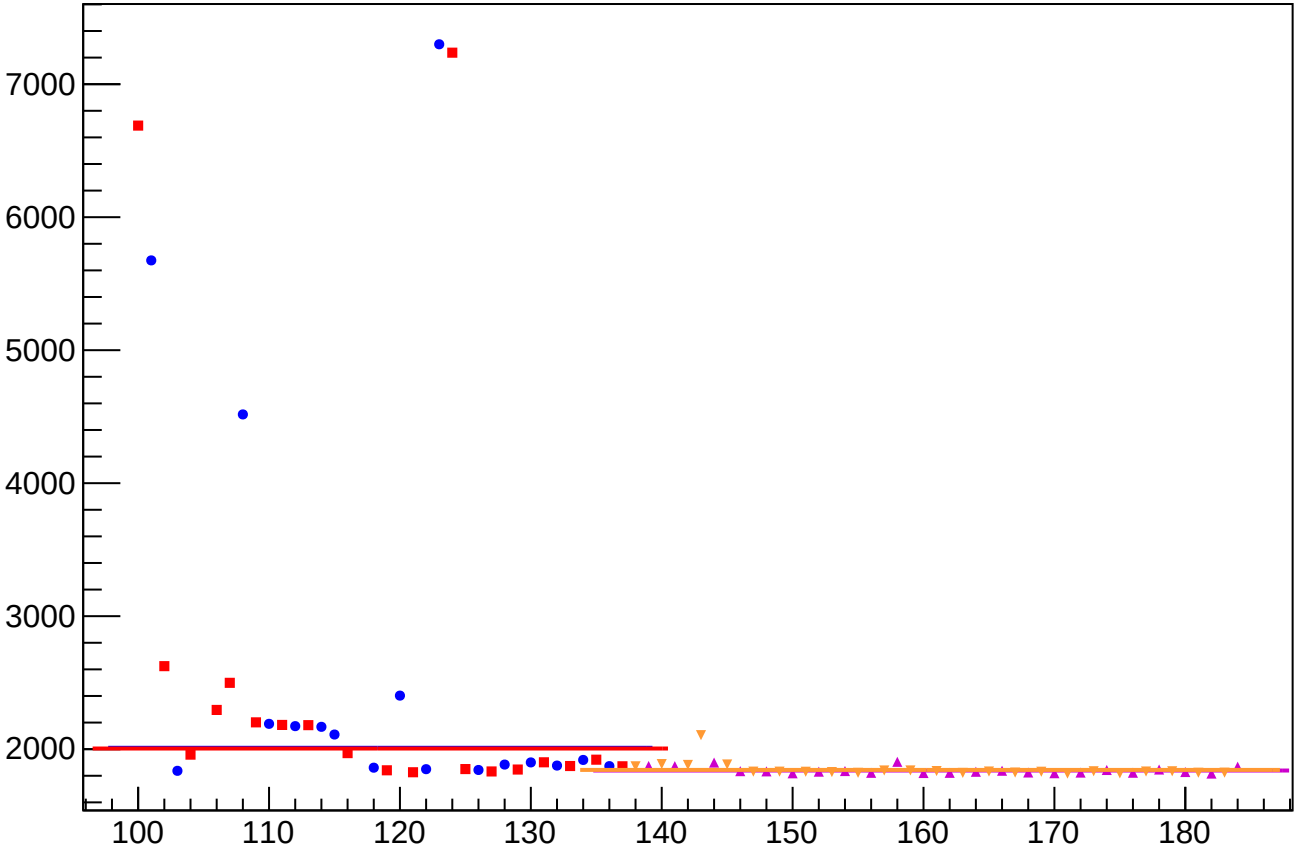
Right: -578.567+/-555.139 χ^2/NDF: 36.2/35

In: -333.000+/-385.396 χ^2/NDF:49.7/39

Out: -951.460+/-378.397 χ^2/NDF:45.5/42

All: -647.897+/-270.008 χ^2/NDF: 96.5/82

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1843.974+/-0.307 χ^2/NDF:24828.3/23

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

Left In: 1839.431+/-0.311 χ^2/NDF:6418.5/22

Left: 1841.729+/-0.219 χ^2/NDF: 31354.8/46

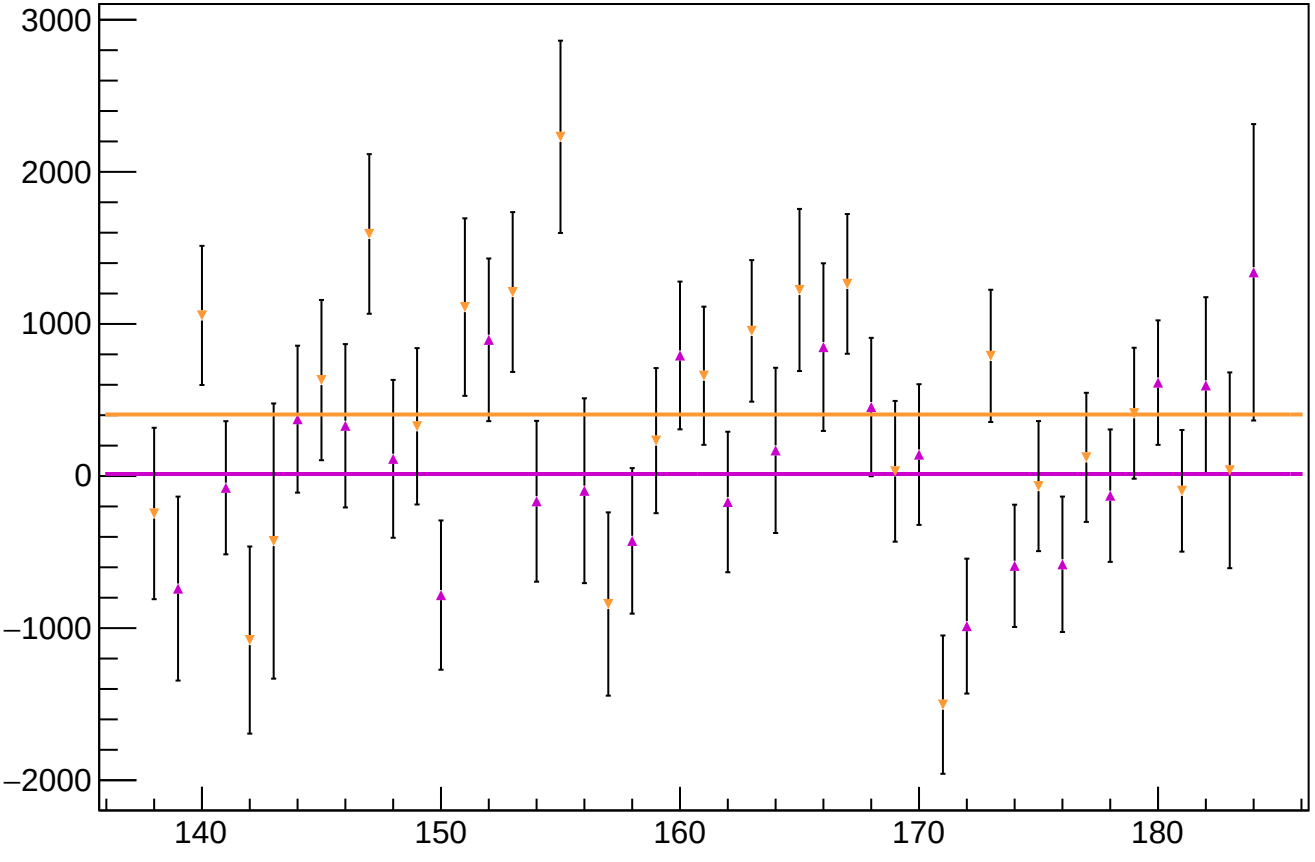
Right: 2007.469+/-0.393 χ^2/NDF: 1207306.7/35

In: 1878.941+/-0.273 χ^2/NDF:916034.6/39

Out: 1882.861+/-0.268 χ^2/NDF:458620.6/42

All: 1880.937+/-0.191 χ^2/NDF: 1374760.6/82

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 404.701+/-101.733 χ^2/NDF:62.1/23

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

Left In: 13.395+/-102.912 χ^2/NDF:29.2/22

Left: 211.302+/-72.350 χ^2/NDF: 98.6/46

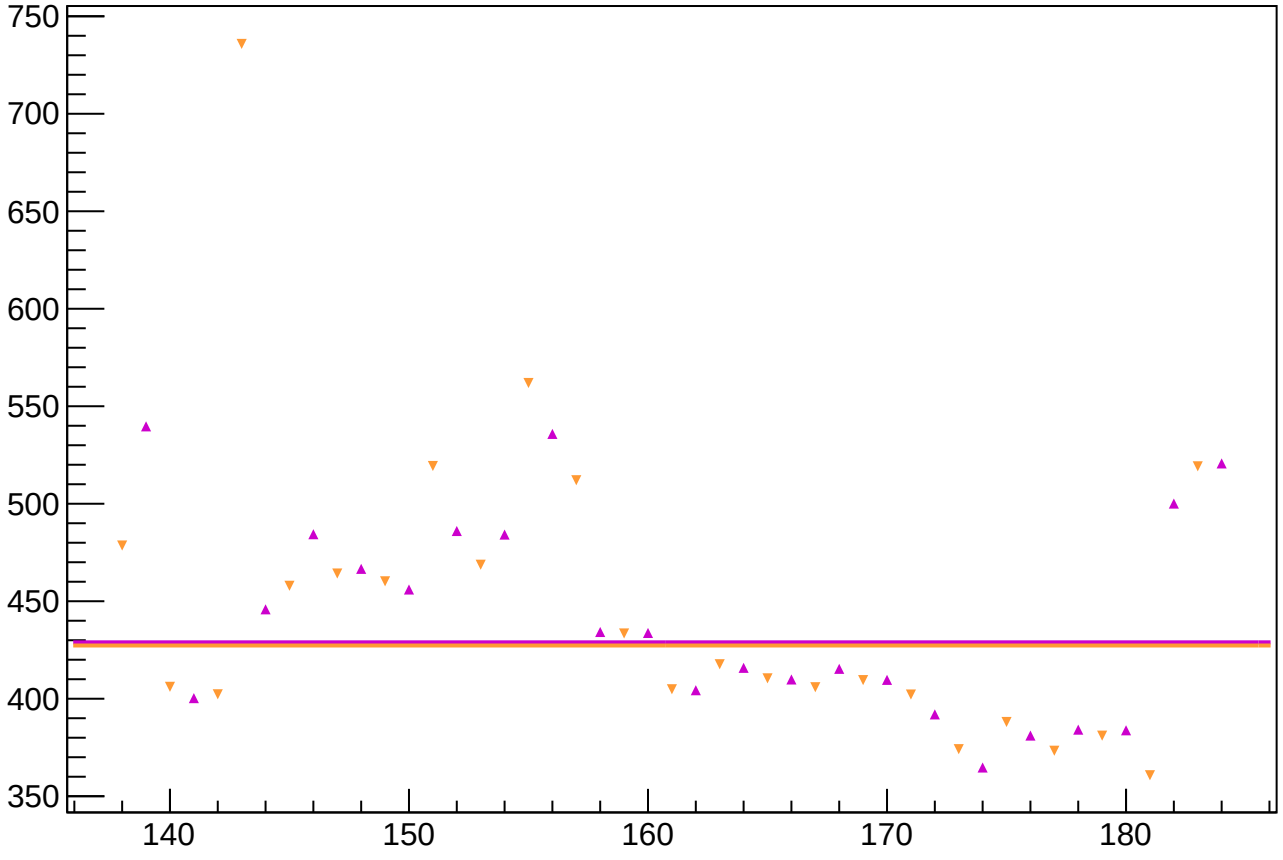
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.395+/-102.912 χ^2/NDF:29.2/22

Out: 404.701+/-101.733 χ^2/NDF:62.1/23

All: 211.302+/-72.350 χ^2/NDF: 98.6/46

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 427.301+/-0.072 χ^2/NDF:693873.9/23

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

Left In: 428.926+/-0.073 χ^2/NDF:418755.3/22

Left: 428.104+/-0.051 χ^2/NDF: 1112881.6/46

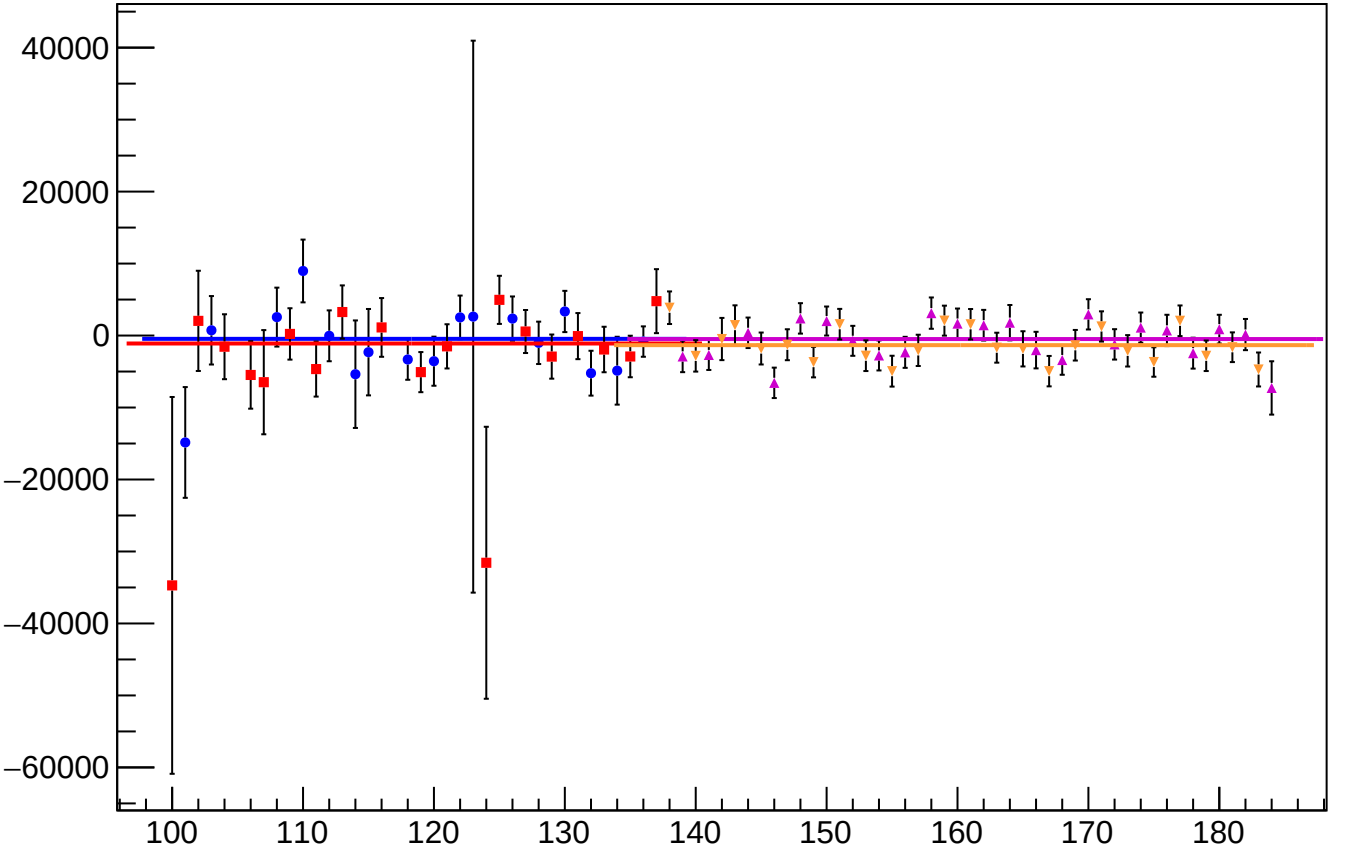
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 428.926+/-0.073 χ^2/NDF:418755.3/22

Out: 427.301+/-0.072 χ^2/NDF:693873.9/23

All: 428.104+/-0.051 χ^2/NDF: 1112881.6/46

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1334.350+/-447.256 χ^2/NDF:29.1/23

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

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

Left: -914.583+/-317.929 χ^2/NDF: 63.2/46

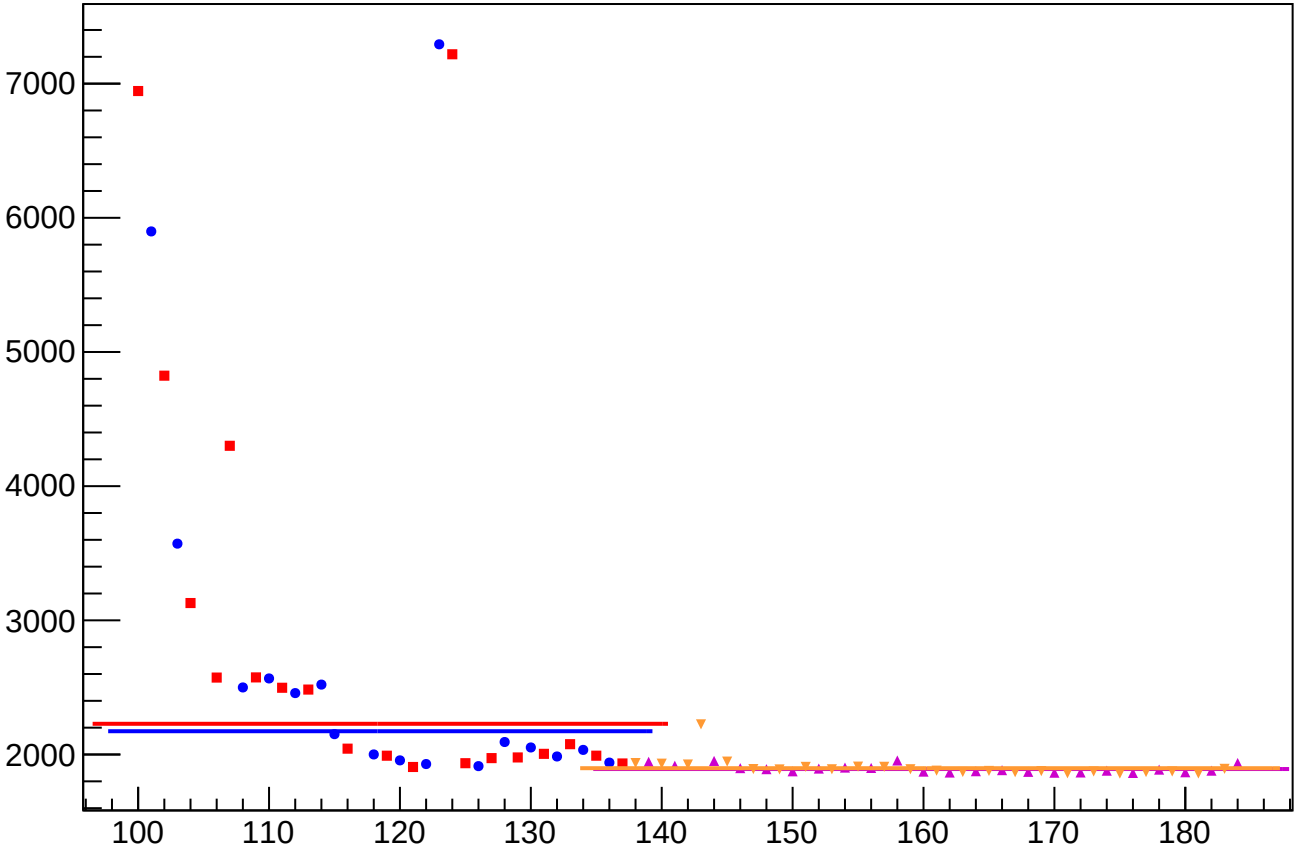
Right: -780.562+/-612.463 χ^2/NDF: 35.2/35

In: -479.926+/-400.633 χ^2/NDF:50.4/39

Out: -1286.014+/-397.499 χ^2/NDF:46.0/42

All: -886.135+/-282.176 χ^2/NDF: 98.5/82

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1897.910+/-0.316 χ^2/NDF:35047.4/23

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

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

Left: 1894.849+/-0.225 χ^2/NDF: 42821.0/46

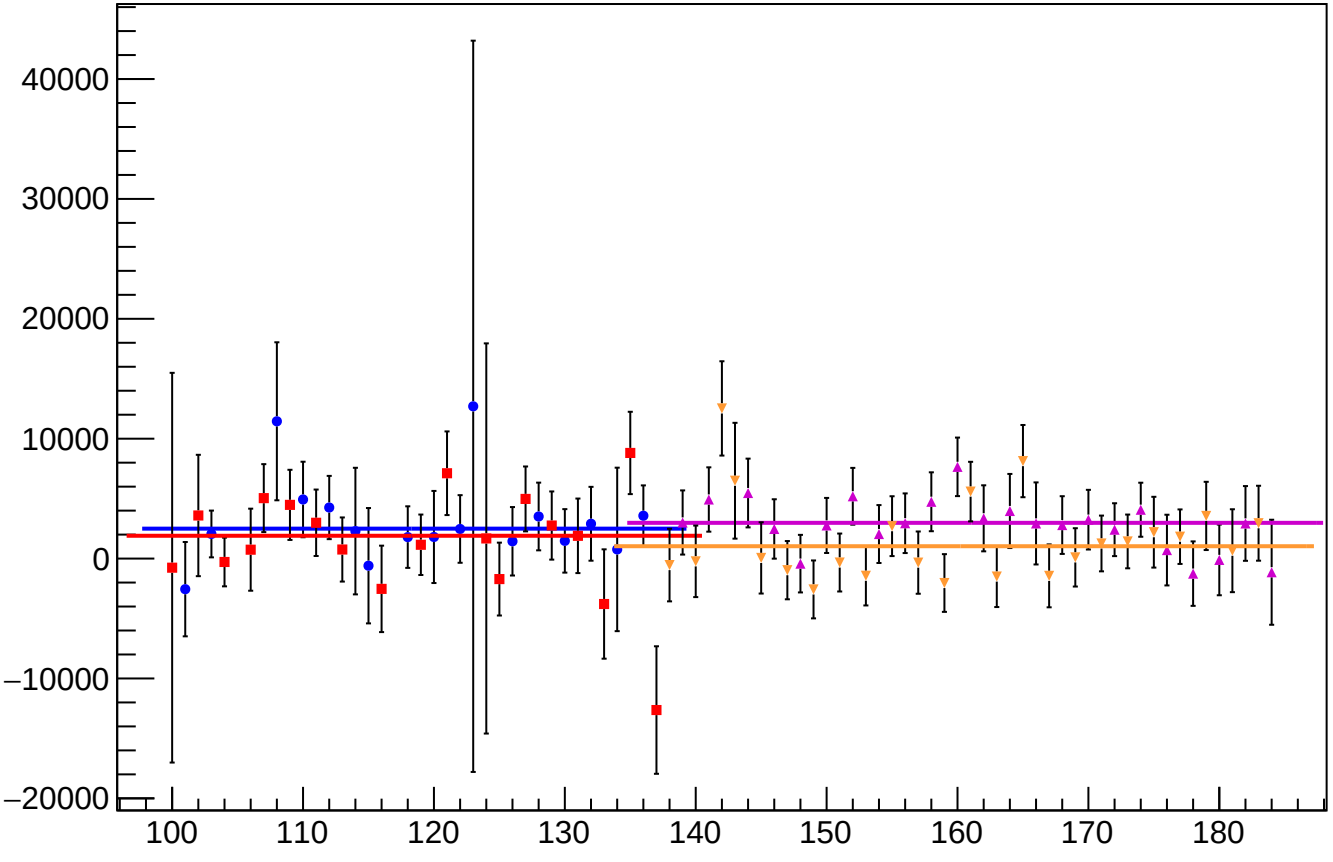
Right: 2201.146+/-0.433 χ^2/NDF: 1705309.7/35

In: 1952.153+/-0.283 χ^2/NDF:979641.2/39

Out: 1967.457+/-0.281 χ^2/NDF:1161056.6/42

All: 1959.865+/-0.200 χ^2/NDF: 2142168.5/82

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1030.750+/-547.043 χ^2/NDF:29.4/23

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

Left In: 2981.160+/-546.107 χ^2/NDF:14.0/22

Left: 2007.625+/-386.487 χ^2/NDF: 49.8/46

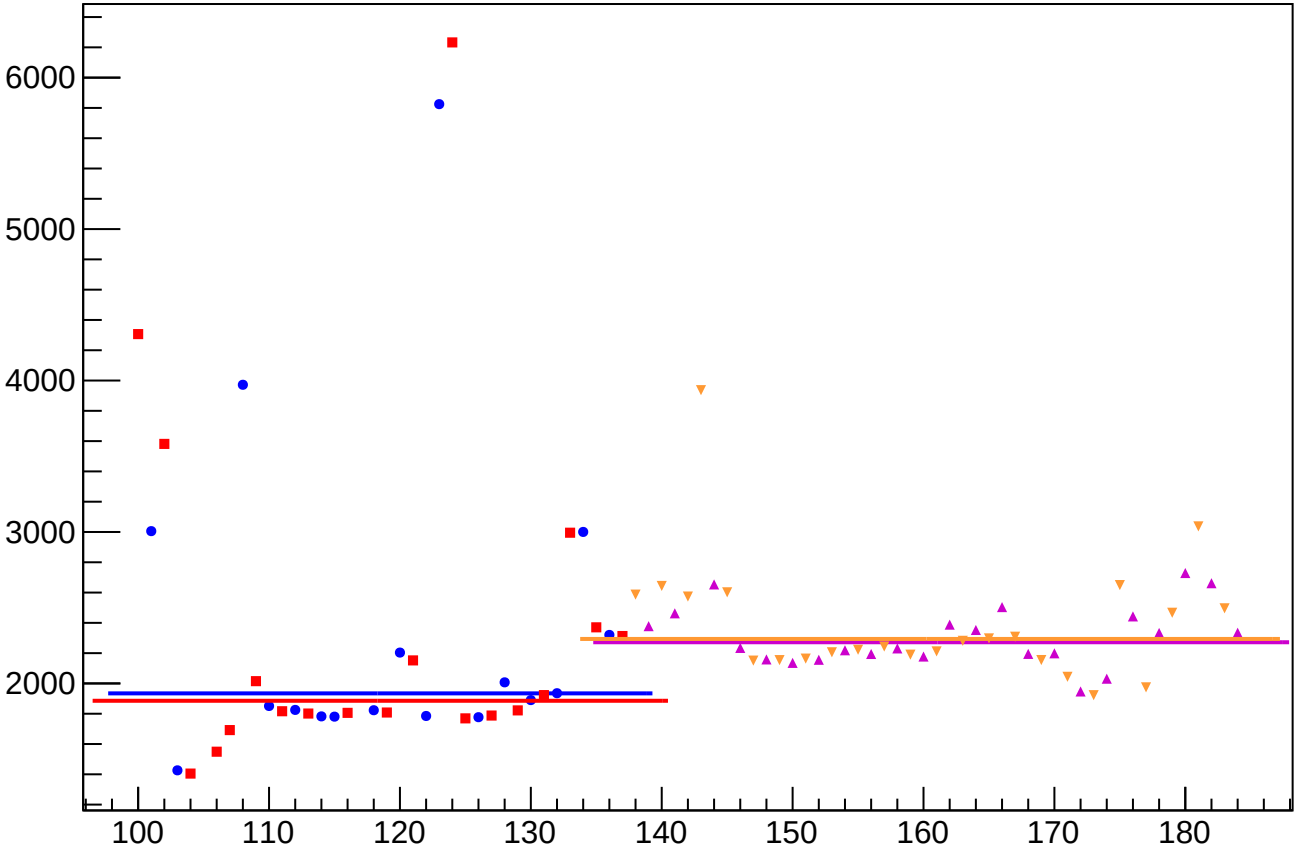
Right: 2187.370+/-531.779 χ^2/NDF: 29.7/35

In: 2818.518+/-445.117 χ^2/NDF:20.2/39

Out: 1340.702+/-439.218 χ^2/NDF:53.7/42

All: 2069.752+/-312.639 χ^2/NDF: 79.5/82

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2293.747+/-0.387 χ^2/NDF:600711.2/23

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

Left In: 2271.946+/-0.386 χ^2/NDF:243546.3/22

Left: 2282.828+/-0.273 χ^2/NDF: 845848.6/46

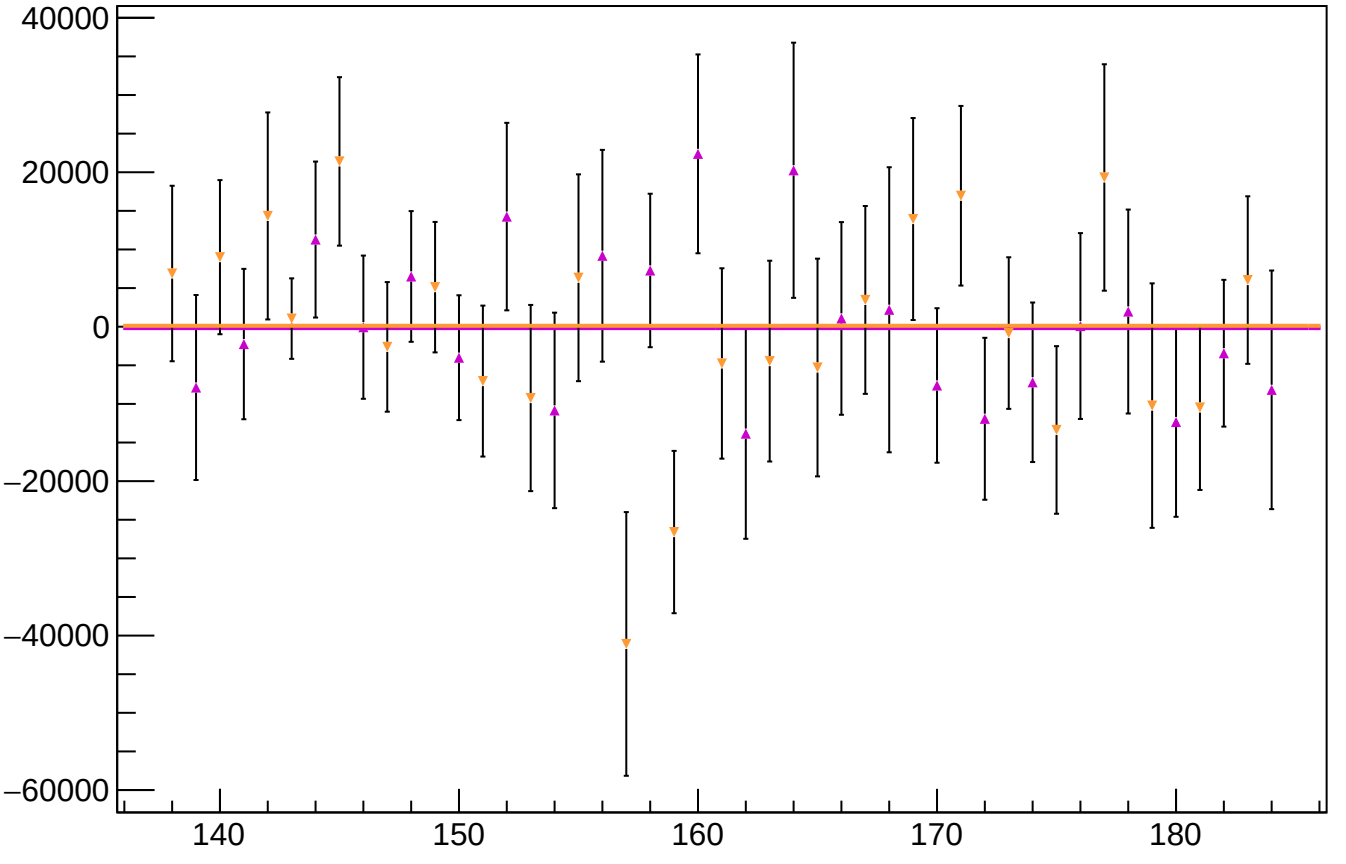
Right: 1908.949+/-0.376 χ^2/NDF: 1395226.1/35

In: 2158.648+/-0.315 χ^2/NDF:1138929.0/39

Out: 2148.655+/-0.311 χ^2/NDF:1748630.7/42

All: 2153.584+/-0.221 χ^2/NDF: 2888070.4/82

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 119.181+/-2159.188 χ^2/NDF:28.9/23

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

Left In: -185.013+/-2330.398 χ^2/NDF:15.0/22

Left: -21.332+/-1583.849 χ^2/NDF: 44.0/46

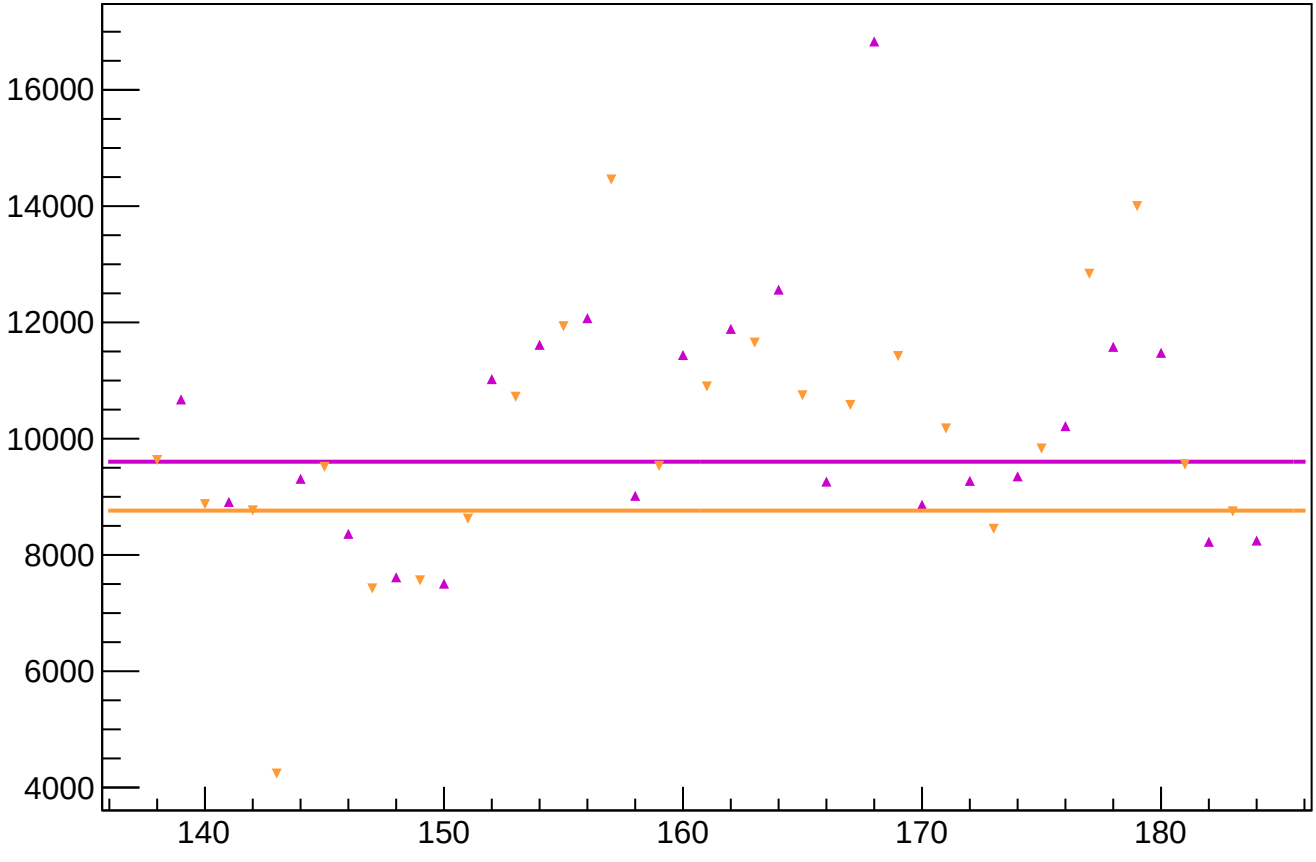
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -185.013+/-2330.398 χ^2/NDF:15.0/22

Out: 119.181+/-2159.188 χ^2/NDF:28.9/23

All: -21.332+/-1583.849 χ^2/NDF: 44.0/46

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8762.772+/-1.527 χ^2/NDF:2778442.1/23

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

Left In: 9604.027+/-1.648 χ^2/NDF:1095805.7/22

Left: 9151.365+/-1.120 χ^2/NDF: 4014487.9/46

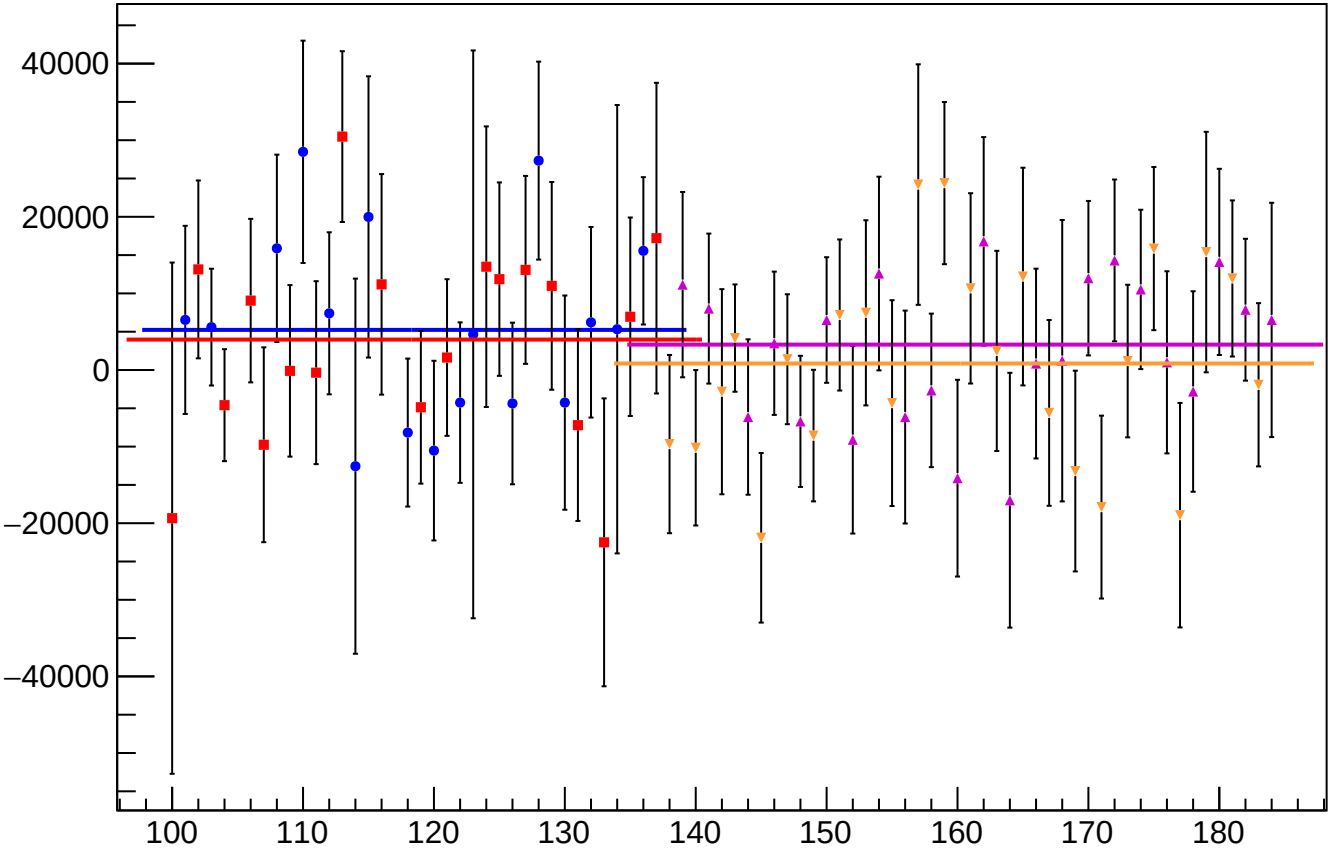
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9604.027+/-1.648 χ^2/NDF:1095805.7/22

Out: 8762.772+/-1.527 χ^2/NDF:2778442.1/23

All: 9151.365+/-1.120 χ^2/NDF: 4014487.9/46

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 852.807+/-2251.319 χ^2/NDF:26.8/23

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

Left In: 3316.960+/-2336.196 χ^2/NDF:13.4/22

Left: 2039.308+/-1621.099 χ^2/NDF: 40.9/46

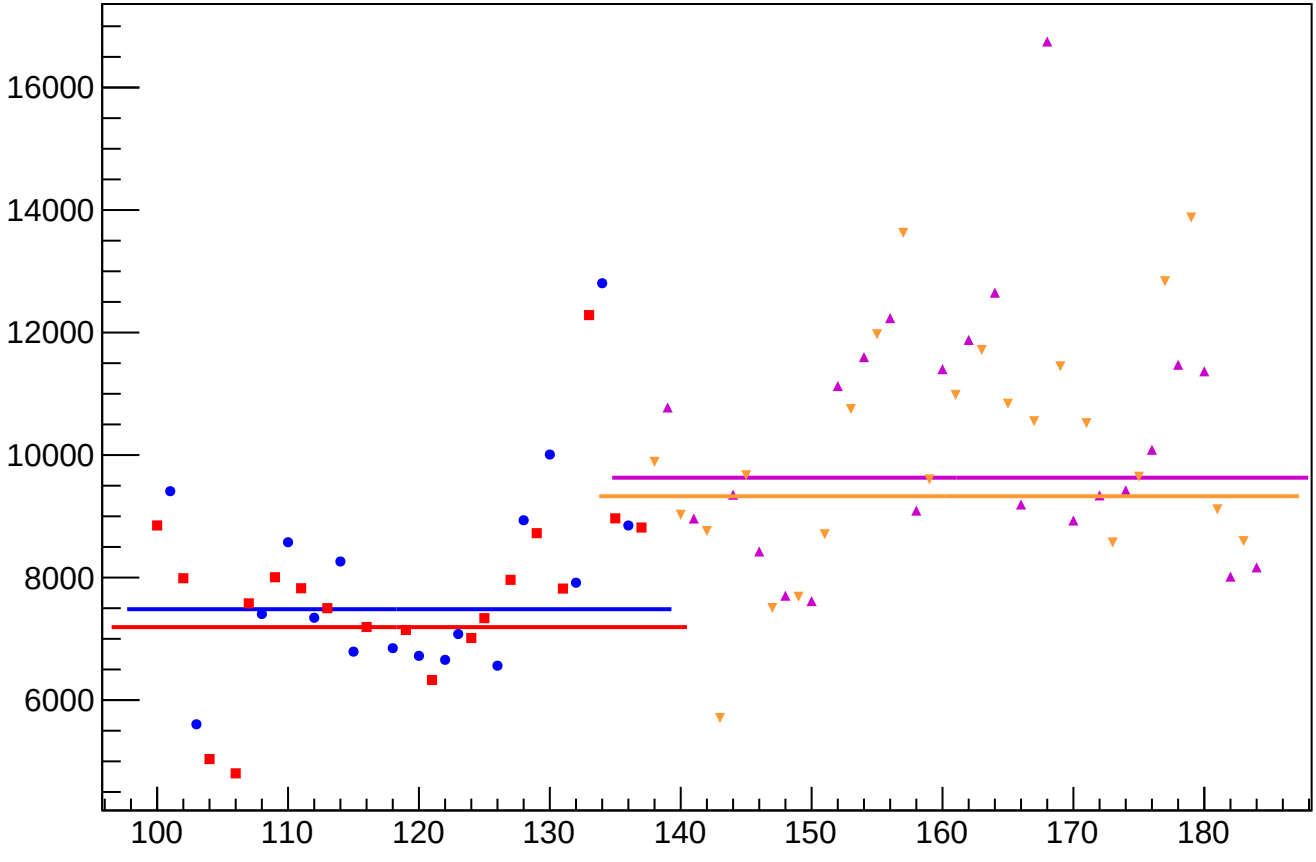
Right: 4573.057+/-2025.948 χ^2/NDF: 30.2/35

In: 4058.785+/-1830.530 χ^2/NDF:28.2/39

Out: 2084.247+/-1752.156 χ^2/NDF:43.2/42

All: 3028.342+/-1265.762 χ^2/NDF: 72.0/82

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9328.173+/-1.592 χ^2/NDF:1499675.5/23

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

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

Left: 9473.670+/-1.146 χ^2/NDF: 2591667.6/46

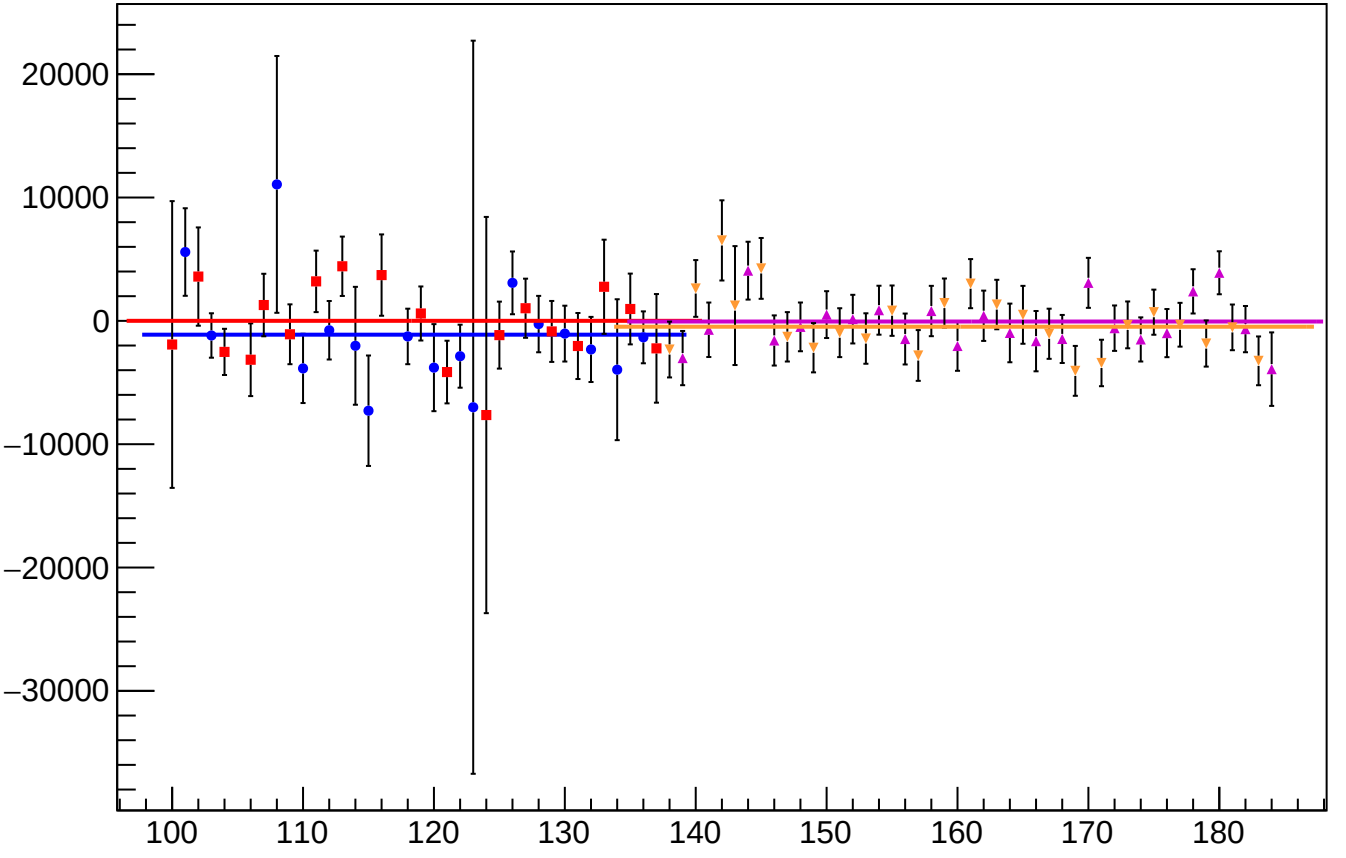
Right: 7329.673+/-1.432 χ^2/NDF: 1000940.7/35

In: 8801.647+/-1.294 χ^2/NDF:2158304.5/39

Out: 8485.573+/-1.239 χ^2/NDF:2768865.0/42

All: 8636.692+/-0.895 χ^2/NDF: 4958289.2/82

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -475.694+/-423.091 χ^2/NDF:27.3/23

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

Left In: -53.539+/-422.570 χ^2/NDF:20.9/22

Left: -264.356+/-298.986 χ^2/NDF: 48.7/46

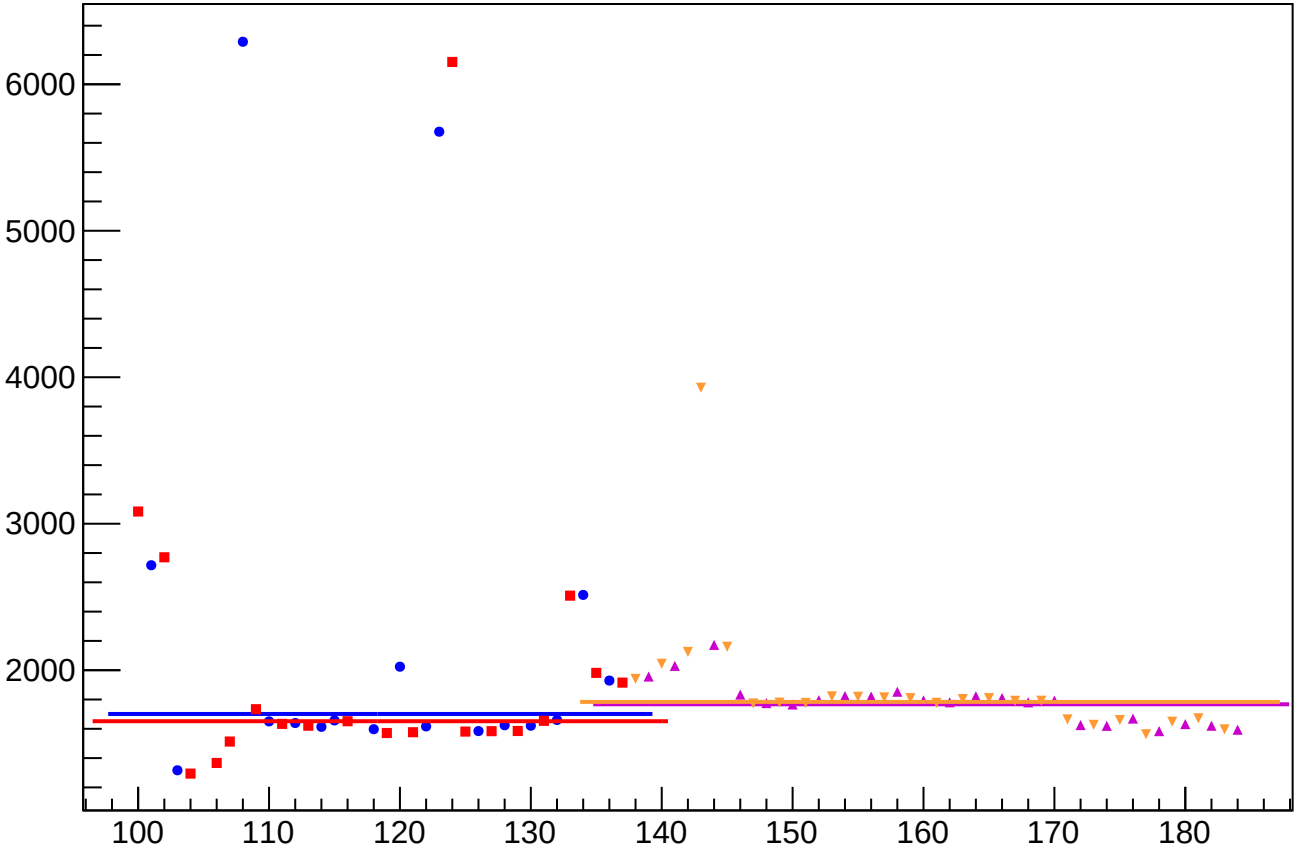
Right: -525.400+/-465.654 χ^2/NDF: 29.2/35

In: -351.310+/-358.790 χ^2/NDF:34.9/39

Out: -330.160+/-352.886 χ^2/NDF:43.2/42

All: -340.559+/-251.590 χ^2/NDF: 78.1/82

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1783.634+/-0.299 χ^2/NDF:600040.8/23

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

Left In: 1767.314+/-0.299 χ^2/NDF:196583.8/22

Left: 1775.464+/-0.211 χ^2/NDF: 798114.3/46

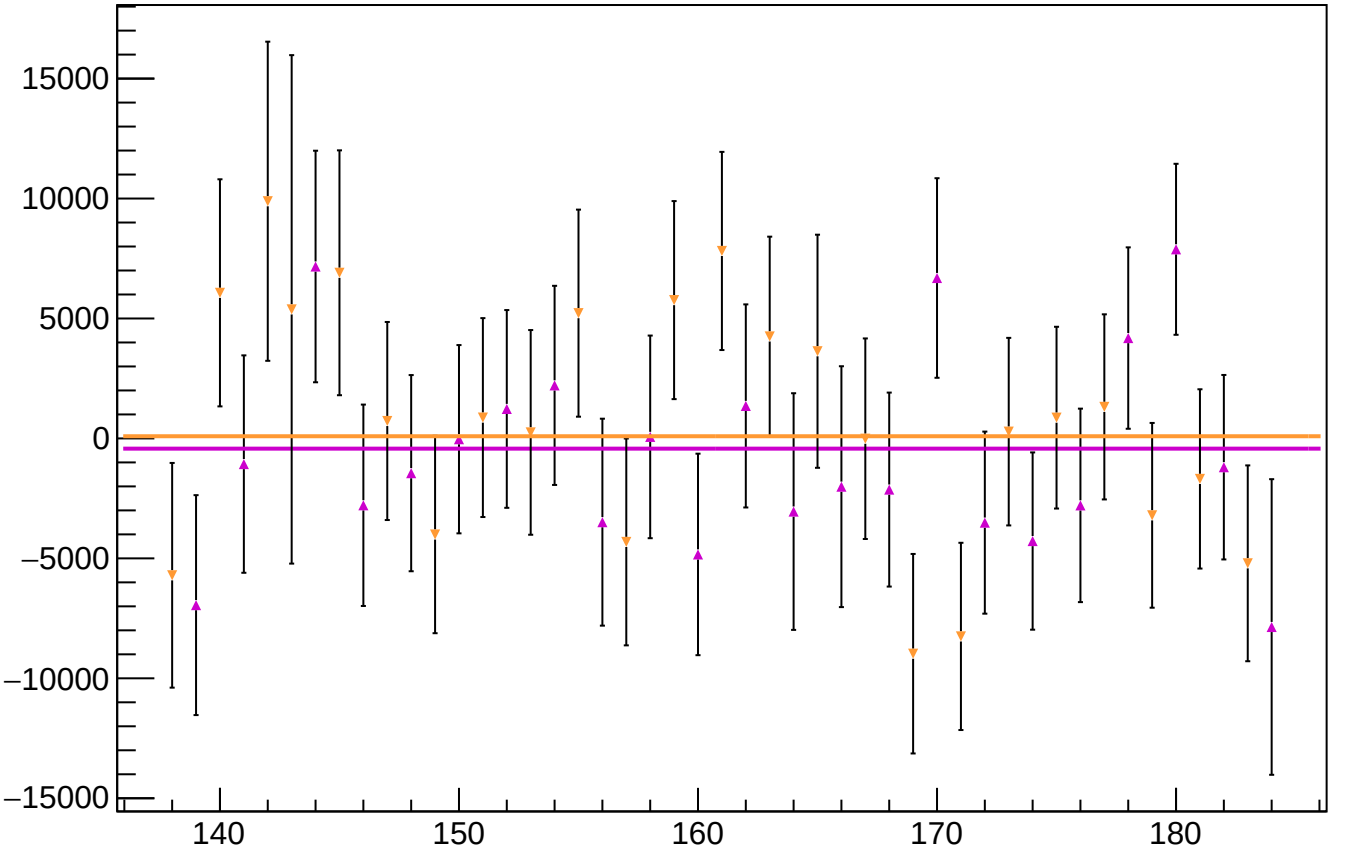
Right: 1675.026+/-0.329 χ^2/NDF: 1373201.9/35

In: 1748.885+/-0.254 χ^2/NDF:988931.6/39

Out: 1743.493+/-0.250 χ^2/NDF:1248039.2/42

All: 1746.144+/-0.178 χ^2/NDF: 2237200.4/82

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 91.092+/-877.743 χ^2/NDF:29.9/23

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

Left In: -426.004+/-874.870 χ^2/NDF:21.3/22

Left: -168.304+/-619.640 χ^2/NDF: 51.3/46

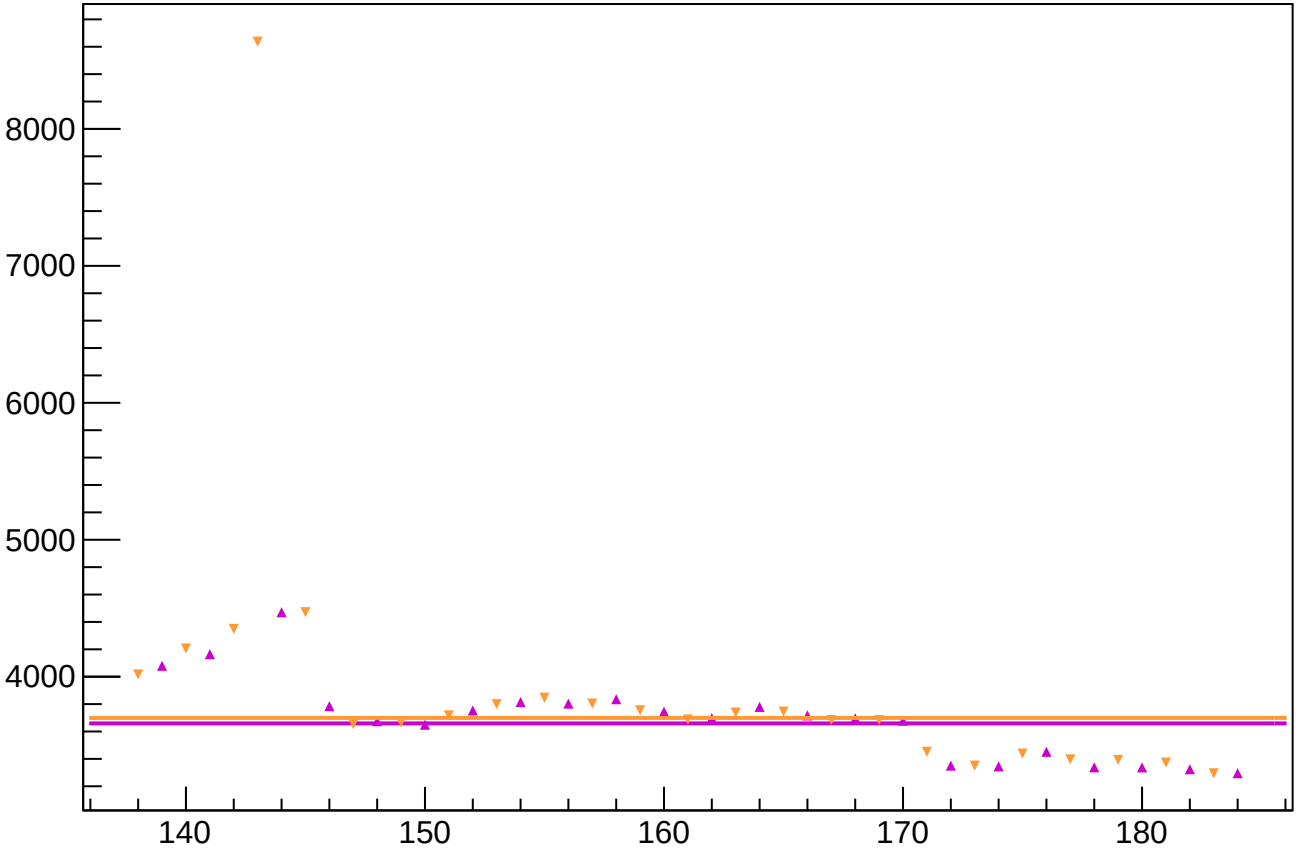
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -426.004+/-874.870 χ^2/NDF:21.3/22

Out: 91.092+/-877.743 χ^2/NDF:29.9/23

All: -168.304+/-619.640 χ^2/NDF: 51.3/46

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3699.143+/-0.621 χ^2/NDF:630191.9/23

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

Left In: 3659.086+/-0.619 χ^2/NDF:198077.1/22

Left: 3679.049+/-0.438 χ^2/NDF: 830358.5/46

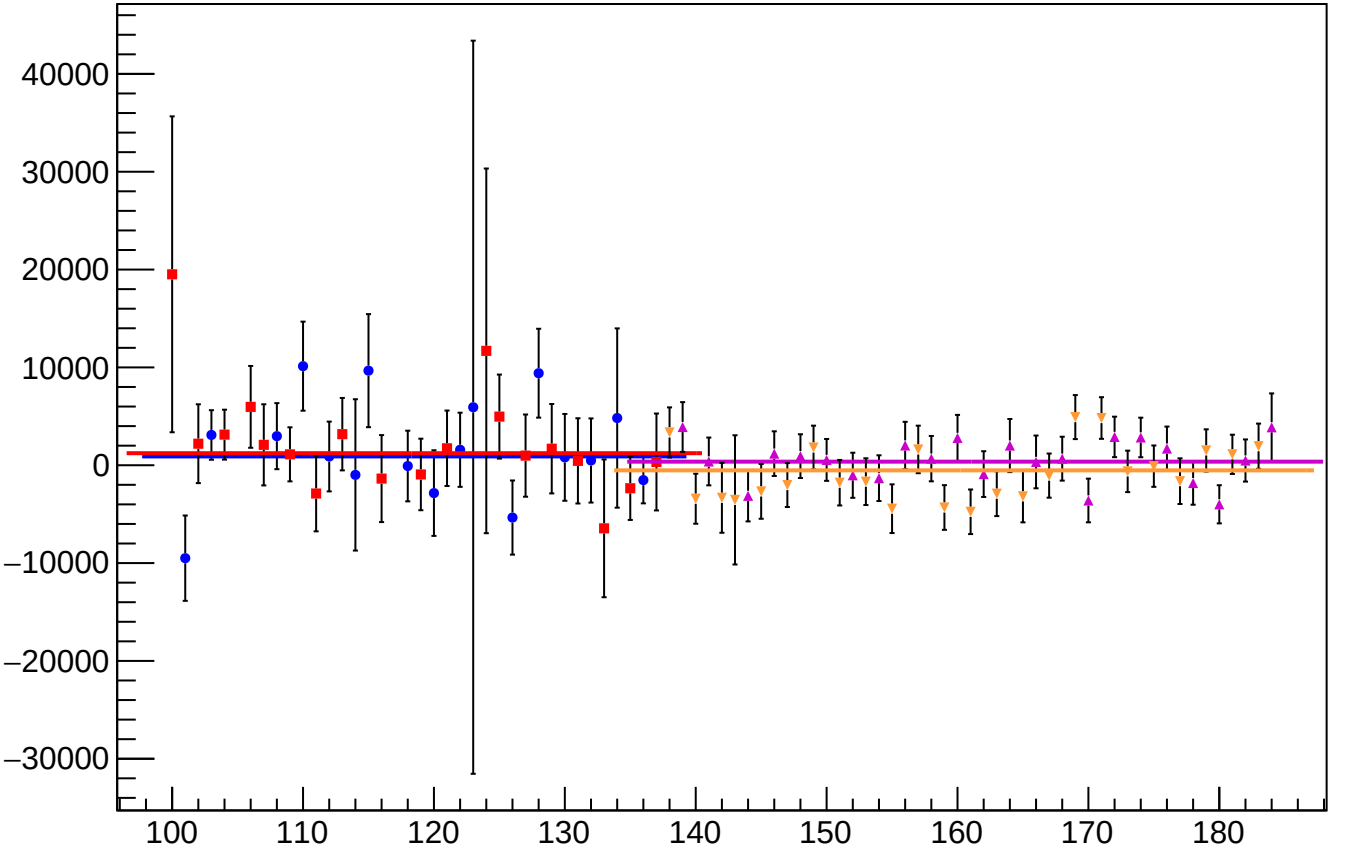
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3659.086+/-0.619 χ^2/NDF:198077.1/22

Out: 3699.143+/-0.621 χ^2/NDF:630191.9/23

All: 3679.049+/-0.438 χ^2/NDF: 830358.5/46

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -521.797+/-485.790 χ^2/NDF:33.8/23

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

Left In: 366.243+/-483.092 χ^2/NDF:20.5/22

Left: -75.304+/-342.548 χ^2/NDF: 56.0/46

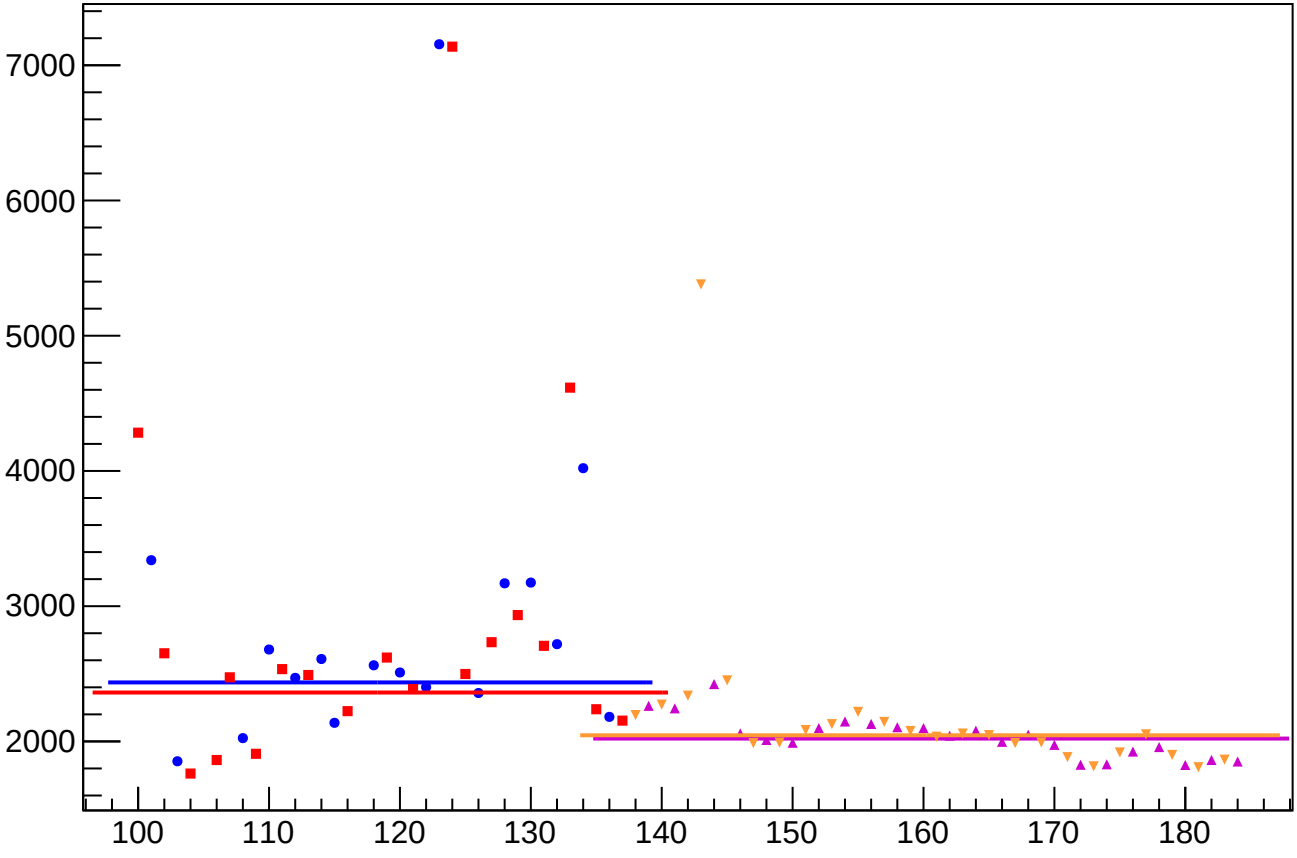
Right: 1073.549+/-666.754 χ^2/NDF: 30.6/35

In: 474.412+/-431.707 χ^2/NDF:42.4/39

Out: -142.883+/-430.089 χ^2/NDF:45.5/42

All: 164.606+/-304.689 χ^2/NDF: 89.0/82

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2045.345+/-0.344 χ^2/NDF:700542.4/23

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

Left In: 2021.065+/-0.342 χ^2/NDF:178726.2/22

Left: 2033.138+/-0.242 χ^2/NDF: 881780.6/46

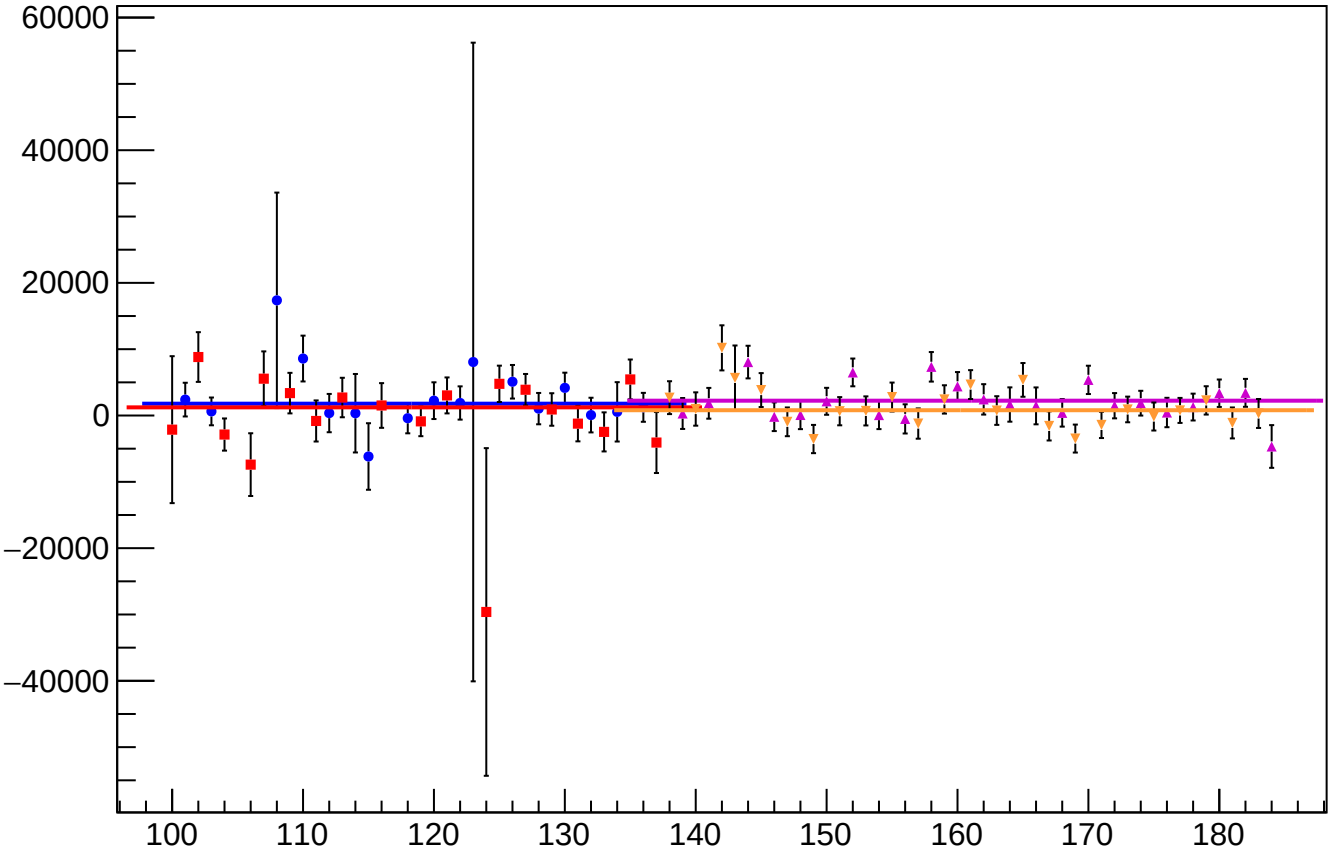
Right: 2397.448+/-0.471 χ^2/NDF: 1130664.2/35

In: 2104.693+/-0.305 χ^2/NDF:944835.6/39

Out: 2113.703+/-0.304 χ^2/NDF:1539577.8/42

All: 2109.215+/-0.215 χ^2/NDF: 2484850.6/82

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 797.925+/-459.302 χ^2/NDF:32.0/23

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

Left In: 2235.652+/-457.720 χ^2/NDF:31.0/22

Left: 1519.269+/-324.215 χ^2/NDF: 67.9/46

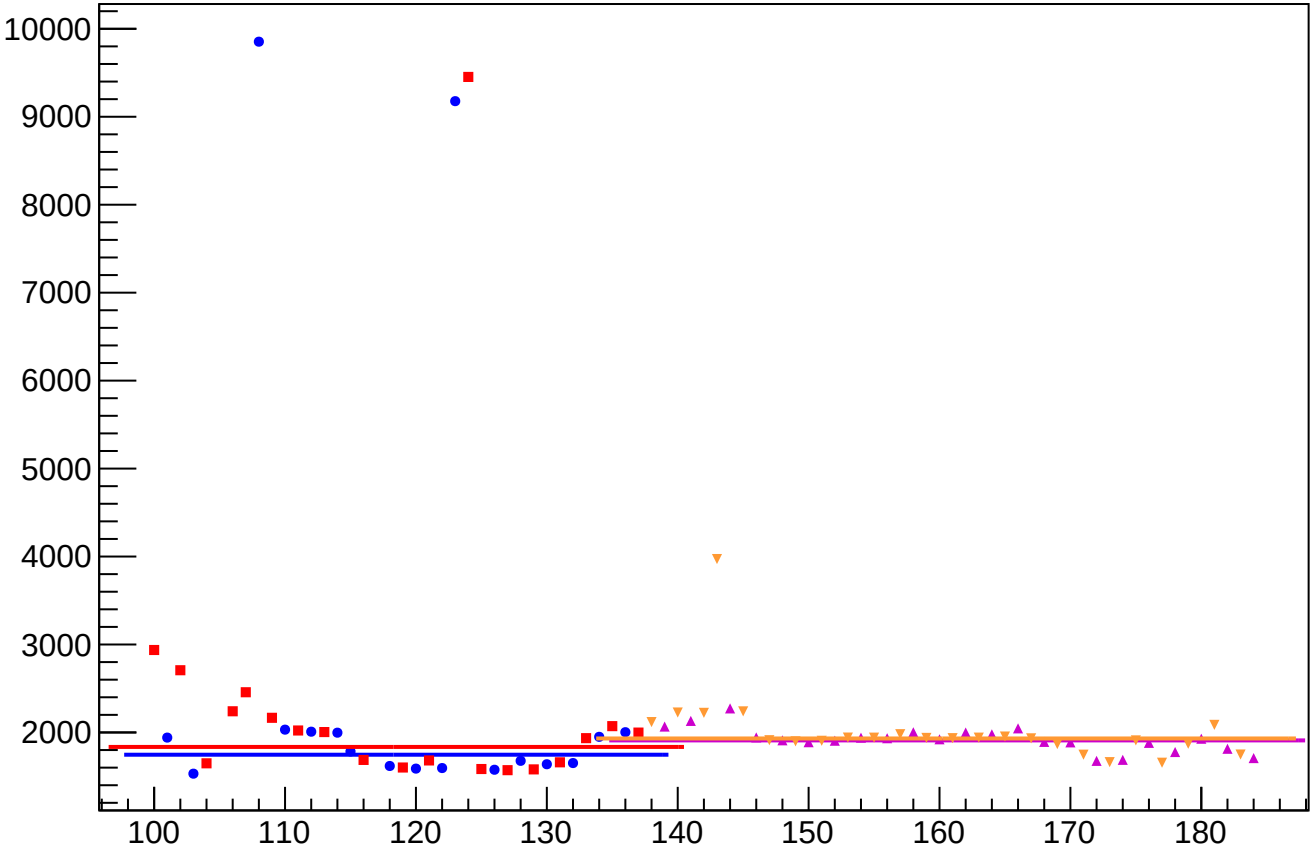
Right: 1511.828+/-495.804 χ^2/NDF: 37.0/35

In: 2098.703+/-382.165 χ^2/NDF:43.7/39

Out: 925.658+/-385.345 χ^2/NDF:56.5/42

All: 1517.040+/-271.349 χ^2/NDF: 104.8/82

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1931.598+/-0.325 χ^2/NDF:558148.7/23

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

Left In: 1909.656+/-0.324 χ^2/NDF:164475.5/22

Left: 1920.589+/-0.229 χ^2/NDF: 724914.1/46

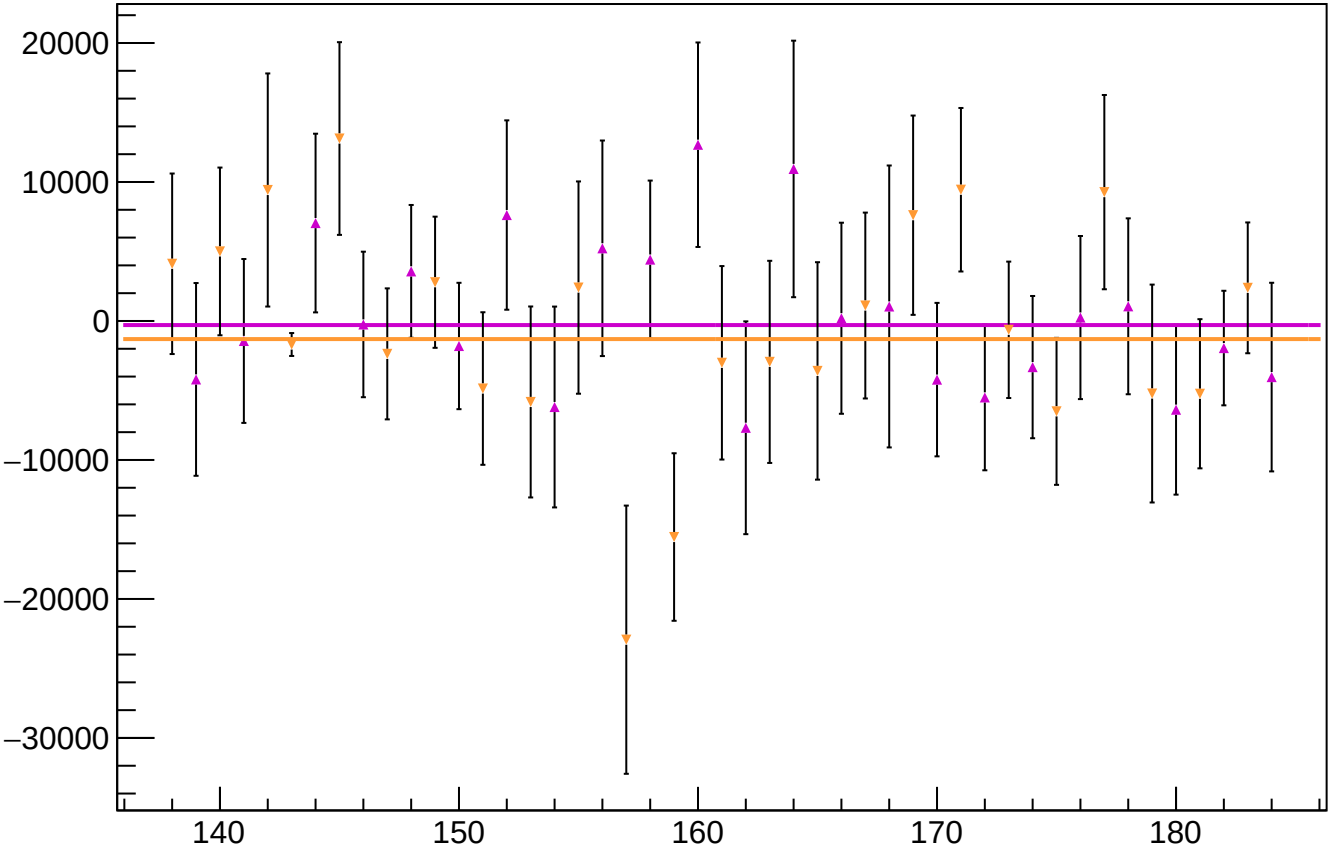
Right: 1790.310+/-0.350 χ^2/NDF: 1248859.1/35

In: 1860.340+/-0.270 χ^2/NDF:923612.5/39

Out: 1903.068+/-0.272 χ^2/NDF:1134567.1/42

All: 1881.535+/-0.192 χ^2/NDF: 2070580.6/82

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1302.457+/-693.676 χ^2/NDF:30.4/23

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

Left In: -294.047+/-1252.274 χ^2/NDF:14.5/22

Left: -1065.685+/-606.800 χ^2/NDF: 45.4/46

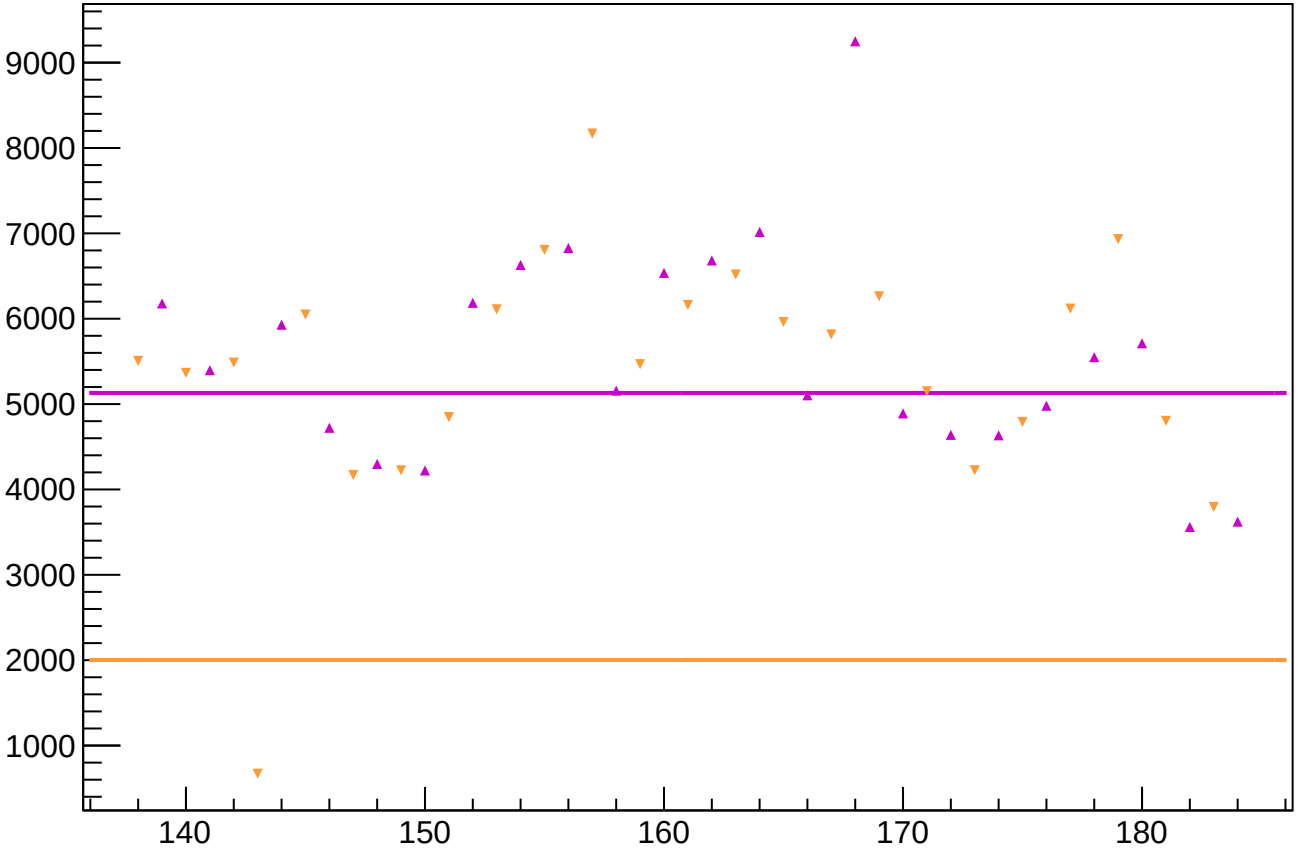
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -294.047+/-1252.274 χ^2/NDF:14.5/22

Out: -1302.457+/-693.676 χ^2/NDF:30.4/23

All: -1065.685+/-606.800 χ^2/NDF: 45.4/46

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 2002.637+/-0.491 χ^2/NDF:19057606.9/23

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

Left In: 5130.756+/-0.885 χ^2/NDF:1489813.1/22

Left: 2737.110+/-0.429 χ^2/NDF: 30096791.1/46

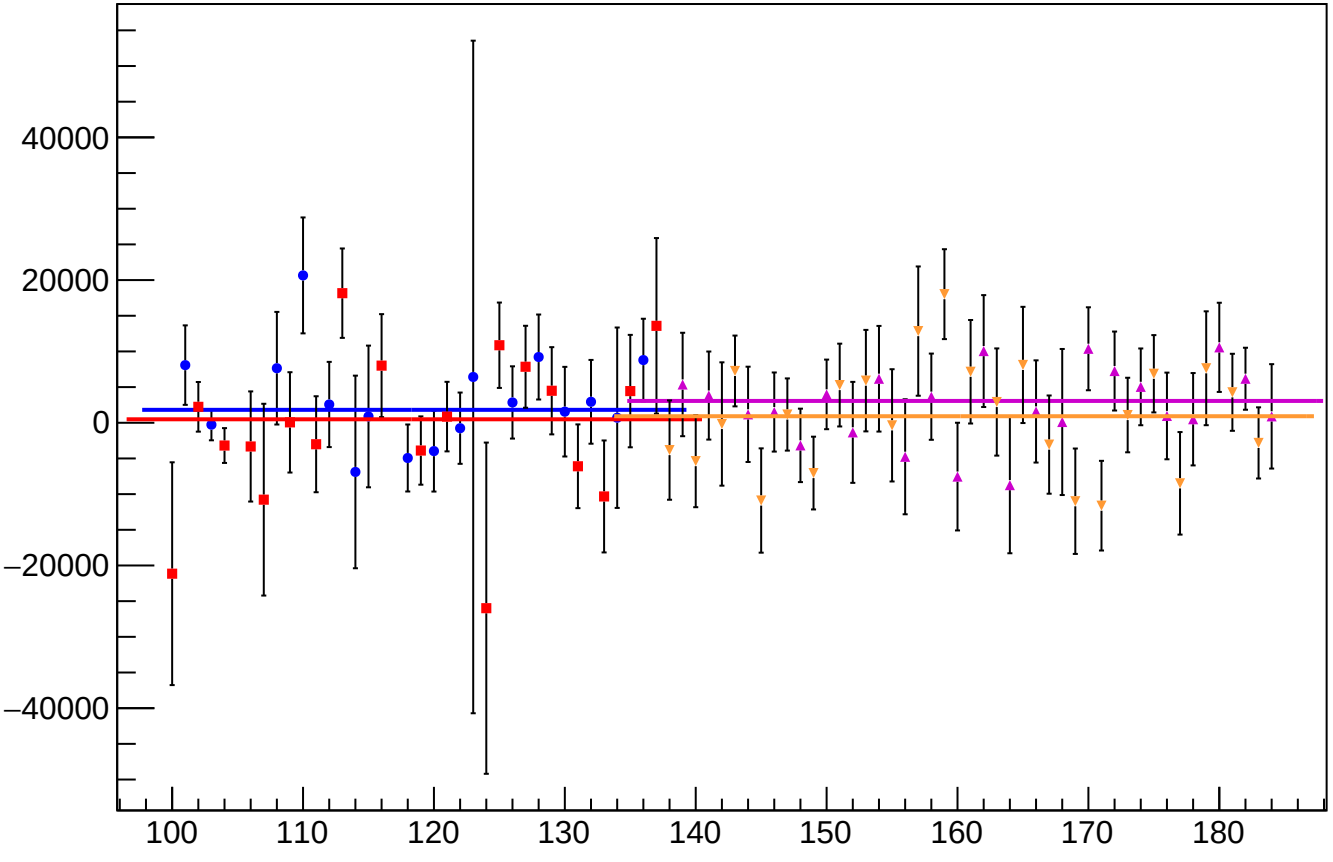
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5130.756+/-0.885 χ^2/NDF:1489813.1/22

Out: 2002.637+/-0.491 χ^2/NDF:19057606.9/23

All: 2737.110+/-0.429 χ^2/NDF: 30096791.1/4

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 918.845+/-1296.646 χ^2/NDF:31.4/23

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

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

Left: 1976.554+/-922.663 χ^2/NDF: 45.1/46

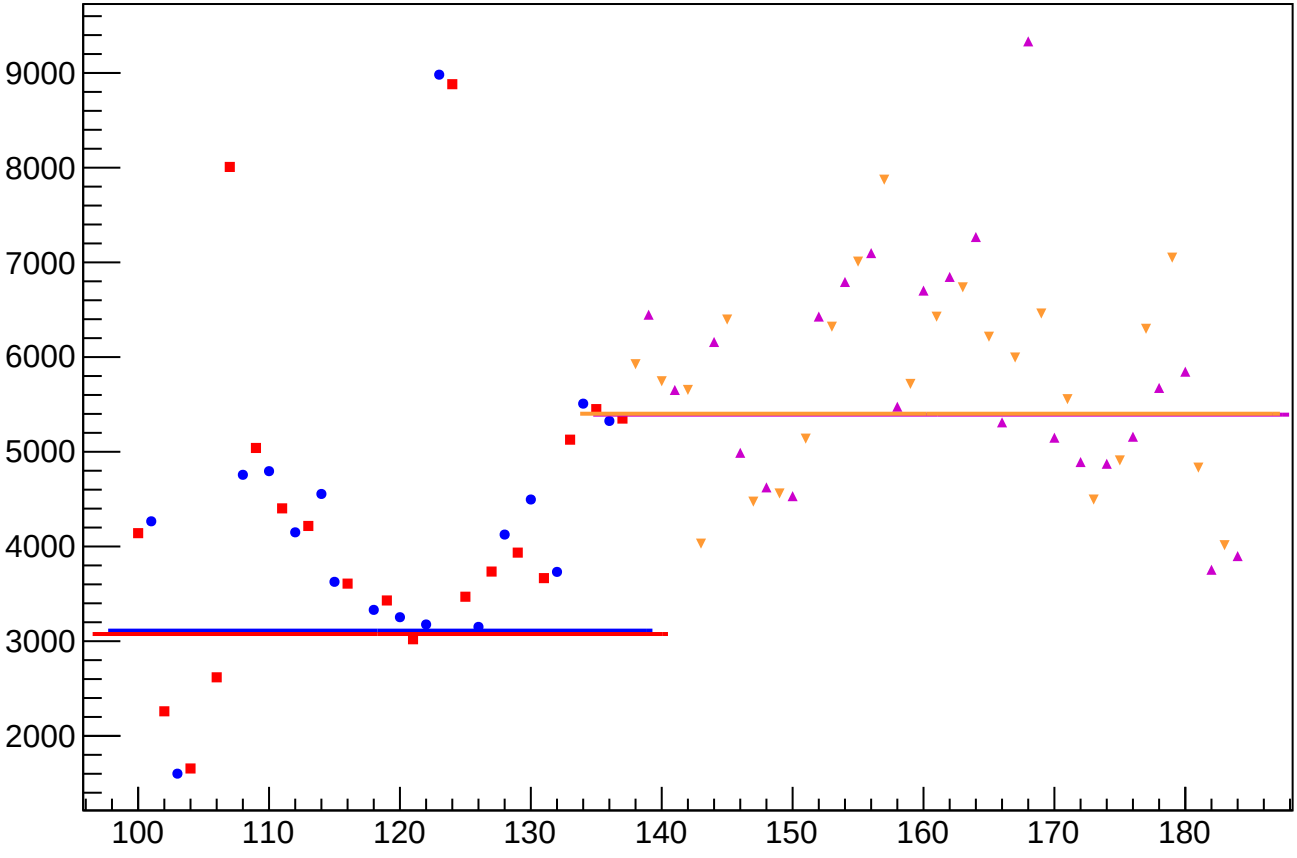
Right: 1143.505+/-914.731 χ^2/NDF: 42.0/35

In: 2432.184+/-924.340 χ^2/NDF:27.8/39

Out: 701.840+/-913.106 χ^2/NDF:57.9/42

All: 1556.433+/-649.599 χ^2/NDF: 87.5/82

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5401.947+/-0.917 χ^2/NDF:1155680.3/23

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

Left In: 5391.987+/-0.929 χ^2/NDF:1320415.5/22

Left: 5397.030+/-0.652 χ^2/NDF: 2476154.1/46

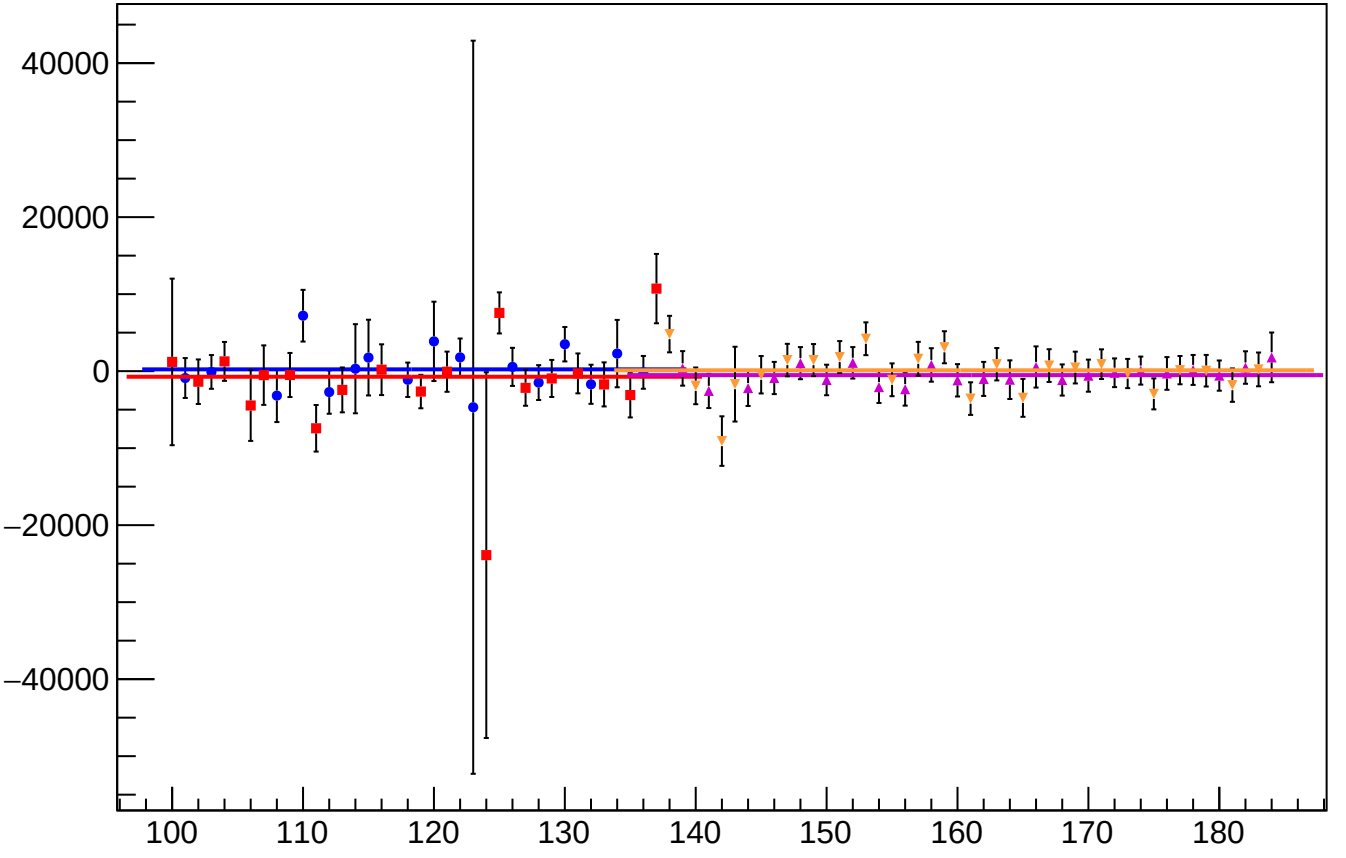
Right: 3093.209+/-0.642 χ^2/NDF: 3889323.9/35

In: 4241.401+/-0.654 χ^2/NDF:6242430.8/39

Out: 4212.399+/-0.641 χ^2/NDF:6456833.0/42

All: 4226.615+/-0.458 χ^2/NDF: 12700267.6/8

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 109.546+/-445.093 χ^2/NDF:29.8/23

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

Left In: -514.693+/-444.402 χ^2/NDF:5.9/22

Left: -203.058+/-314.484 χ^2/NDF: 36.7/46

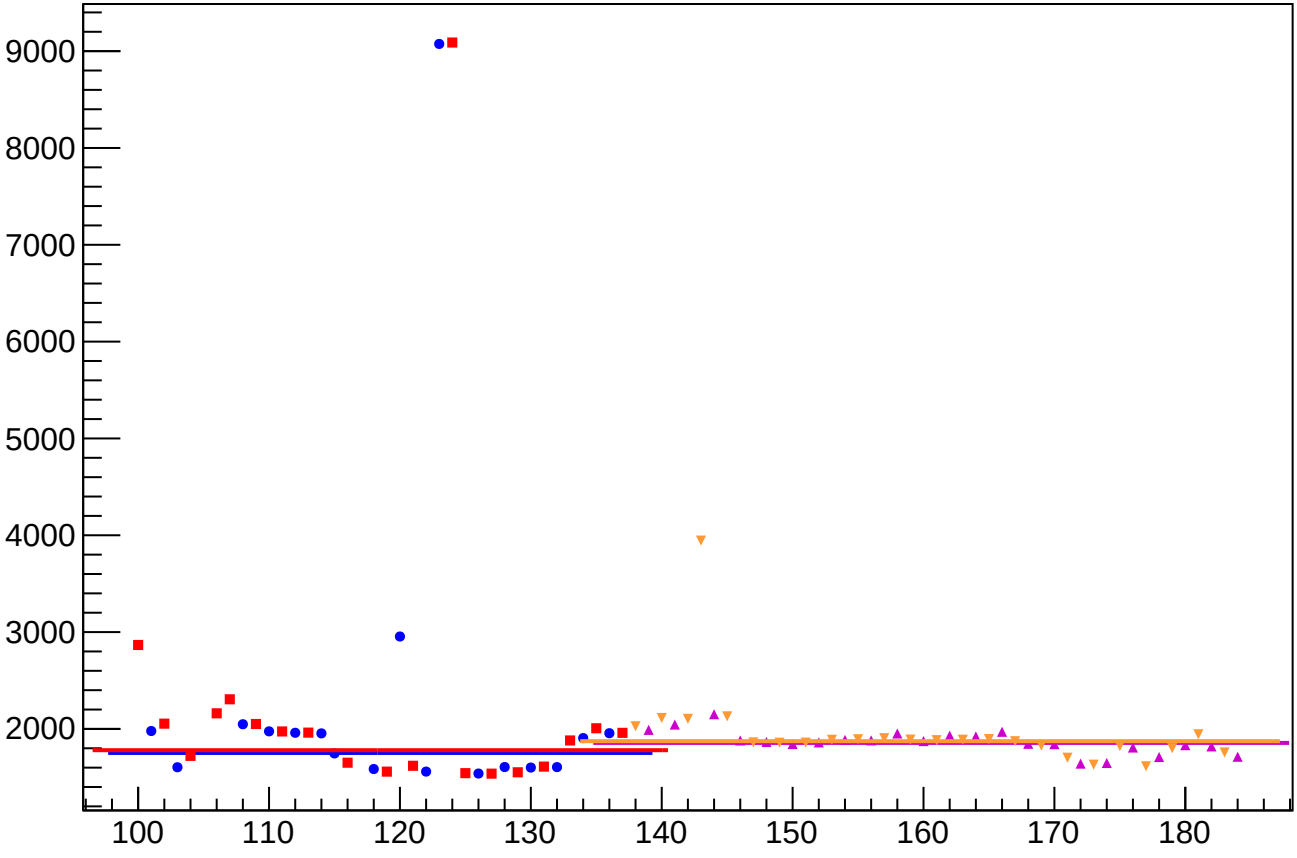
Right: -248.748+/-484.705 χ^2/NDF: 38.3/35

In: -294.224+/-373.104 χ^2/NDF:18.3/39

Out: -138.969+/-373.091 χ^2/NDF:56.6/42

All: -216.594+/-263.820 χ^2/NDF: 75.0/82

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1873.461+/-0.315 χ^2/NDF:527223.4/23

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

Left In: 1855.480+/-0.314 χ^2/NDF:136219.4/22

Left: 1864.456+/-0.222 χ^2/NDF: 665077.4/46

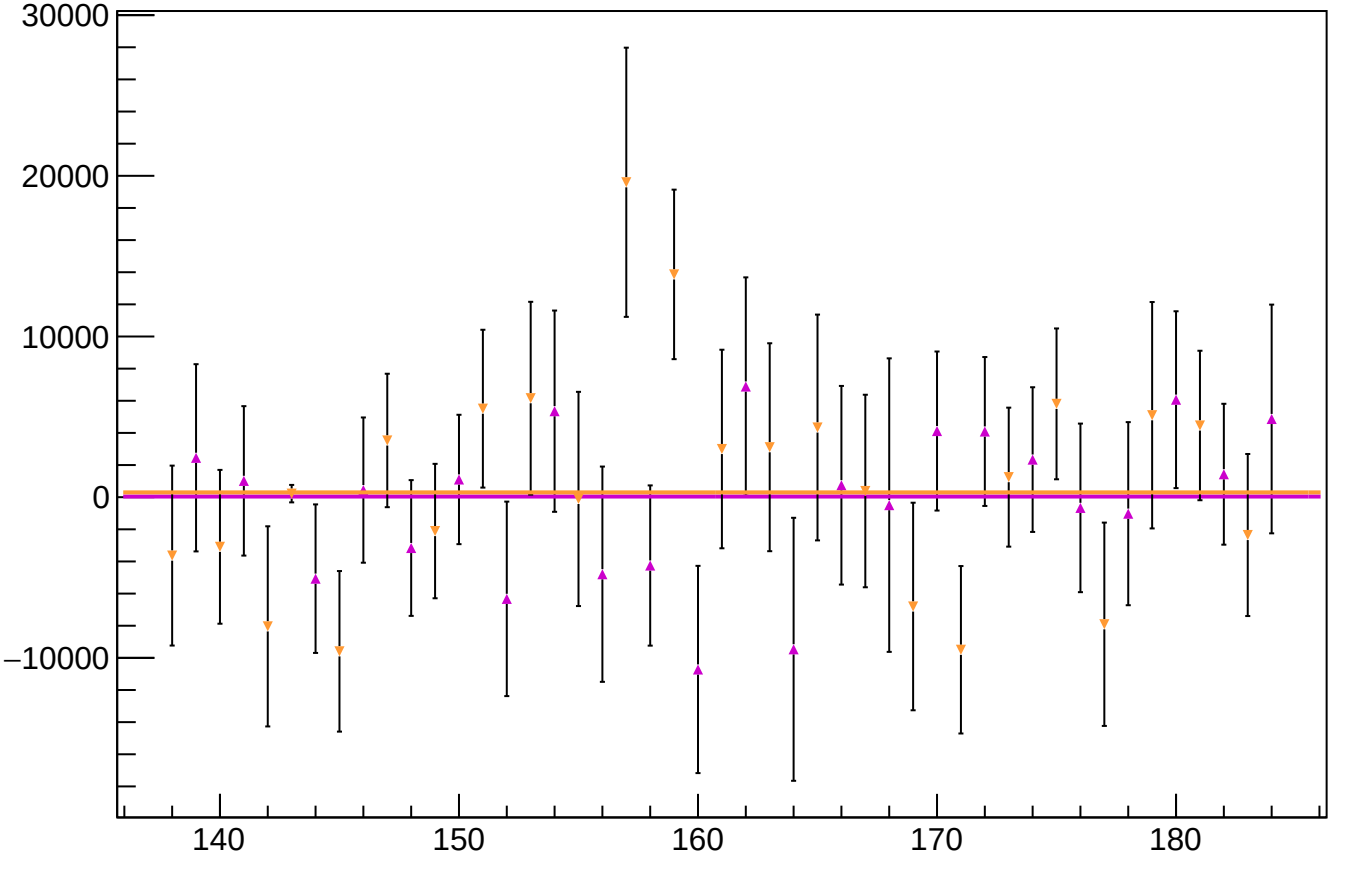
Right: 1766.106+/-0.342 χ^2/NDF: 730940.0/35

In: 1824.895+/-0.264 χ^2/NDF:469214.4/39

Out: 1845.669+/-0.264 χ^2/NDF:981715.0/42

All: 1835.287+/-0.187 χ^2/NDF: 1454030.9/82

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 299.482+/-489.145 χ^2/NDF:31.8/23

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

Left In: 40.142+/-1109.747 χ^2/NDF:13.9/22

Left: 257.294+/-447.594 χ^2/NDF: 45.7/46

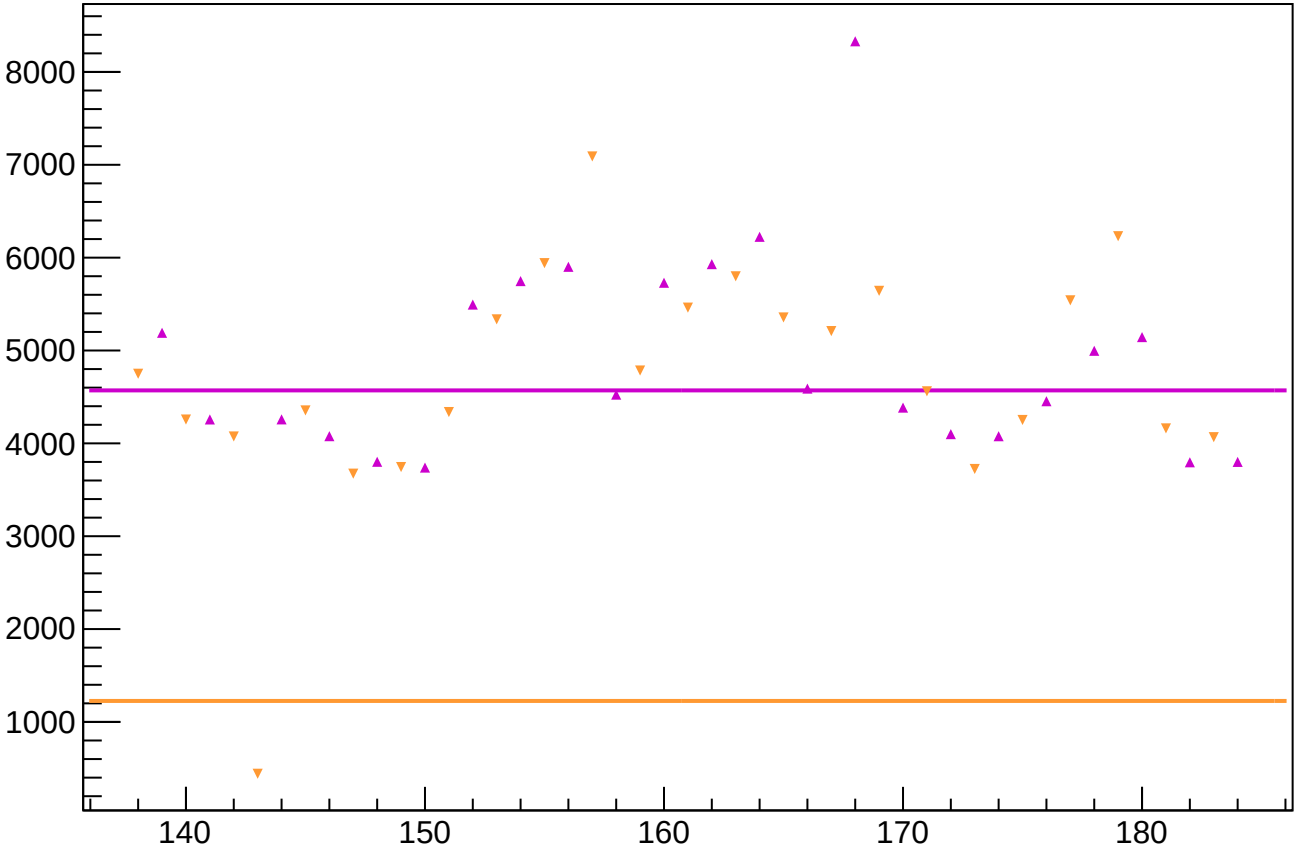
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 40.142+/-1109.747 χ^2/NDF:13.9/22

Out: 299.482+/-489.145 χ^2/NDF:31.8/23

All: 257.294+/-447.594 χ^2/NDF: 45.7/46

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1225.940+/-0.346 χ^2/NDF:23159482.5/23

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

Left In: 4570.398+/-0.785 χ^2/NDF:1145211.6/22

Left: 1770.000+/-0.316 χ^2/NDF: 39514638.7/46

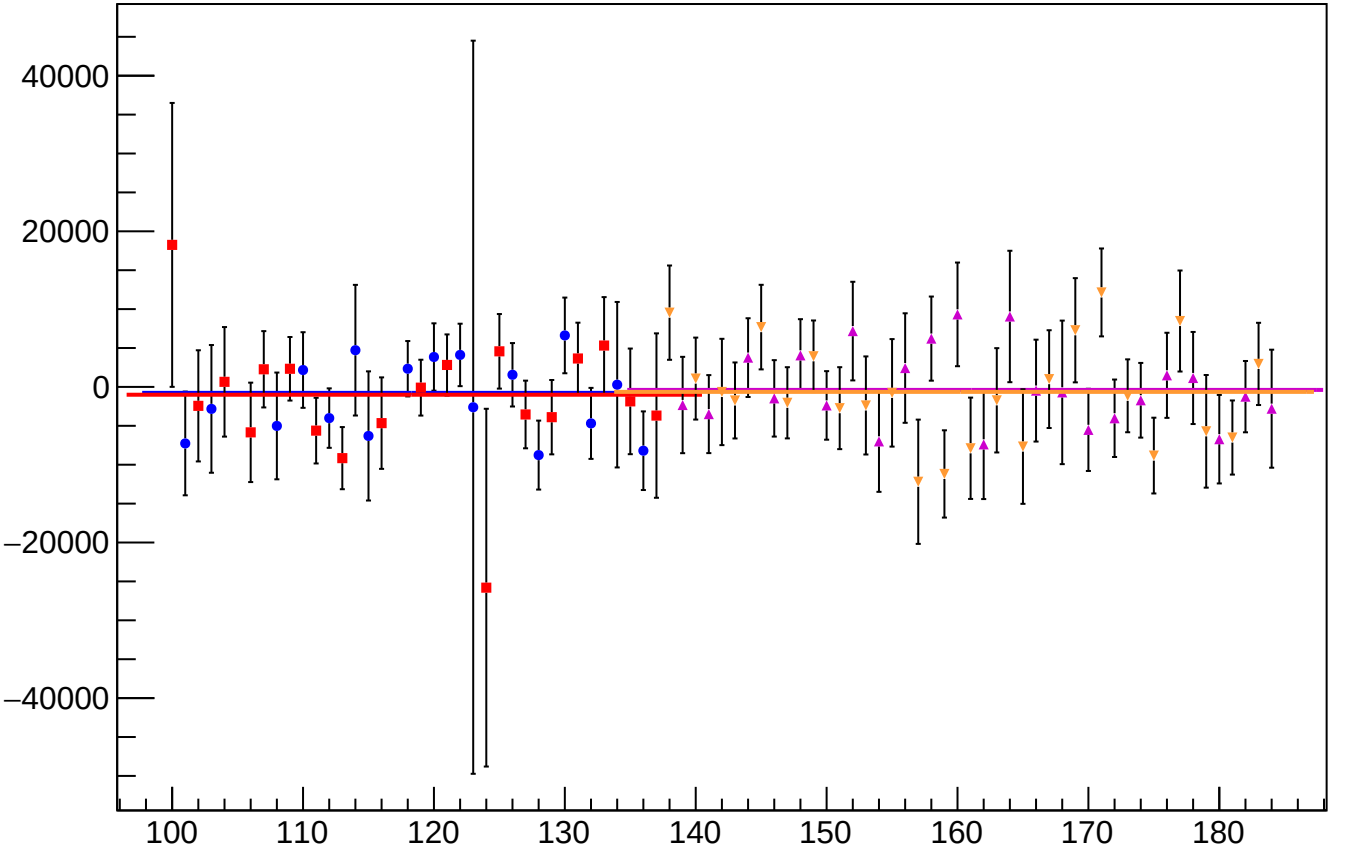
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4570.398+/-0.785 χ^2/NDF:1145211.6/22

Out: 1225.940+/-0.346 χ^2/NDF:23159482.5/23

All: 1770.000+/-0.316 χ^2/NDF: 39514638.7/4

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -637.895+/-1163.453 χ^2/NDF:28.3/23

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

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

Left: -513.438+/-828.978 χ^2/NDF: 42.3/46

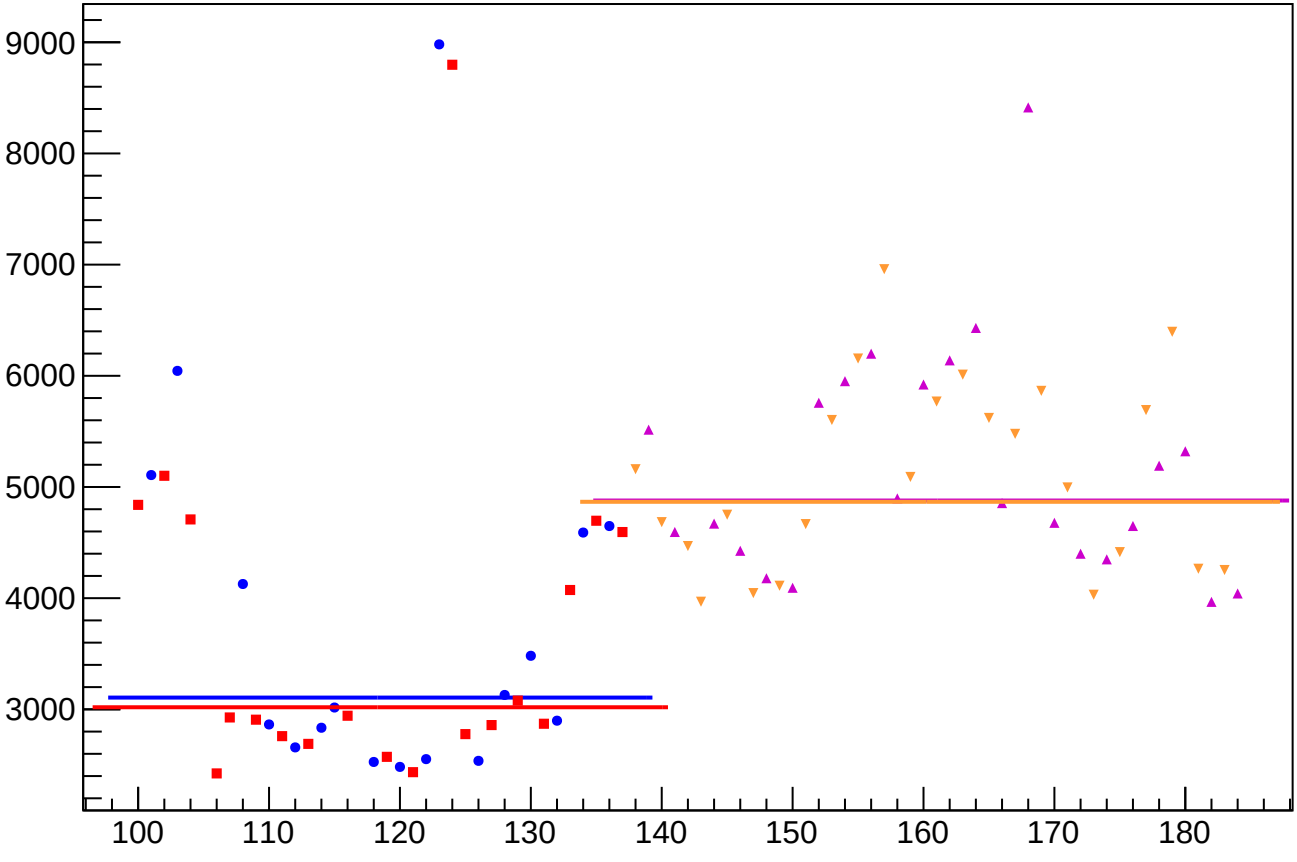
Right: -890.508+/-861.557 χ^2/NDF: 30.6/35

In: -564.747+/-857.881 χ^2/NDF:29.5/39

Out: -817.033+/-832.293 χ^2/NDF:43.4/42

All: -694.709+/-597.361 χ^2/NDF: 72.9/82

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4866.814+/-0.823 χ^2/NDF:884245.4/23

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

Left In: 4878.261+/-0.835 χ^2/NDF:965222.2/22

Left: 4872.449+/-0.586 χ^2/NDF: 1849562.9/46

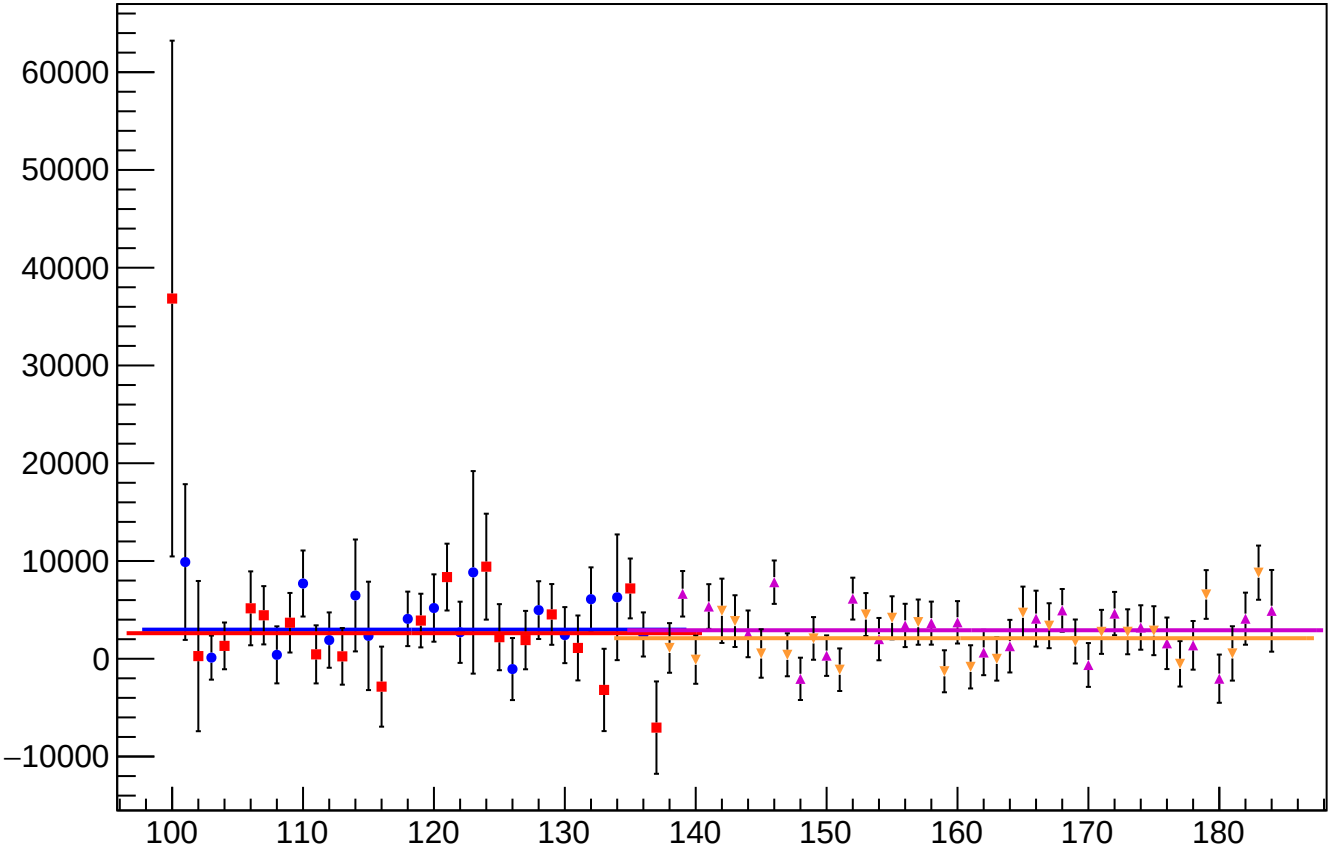
Right: 3059.752+/-0.605 χ^2/NDF: 1759257.8/35

In: 4040.351+/-0.607 χ^2/NDF:4052969.6/39

Out: 3952.930+/-0.585 χ^2/NDF:4173879.1/42

All: 3995.049+/-0.421 χ^2/NDF: 8237611.1/82

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 2101.947+/-485.098 χ^2/NDF:25.3/23

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

Left In: 2916.079+/-489.445 χ^2/NDF:28.8/22

Left: 2505.381+/-344.543 χ^2/NDF: 55.5/46

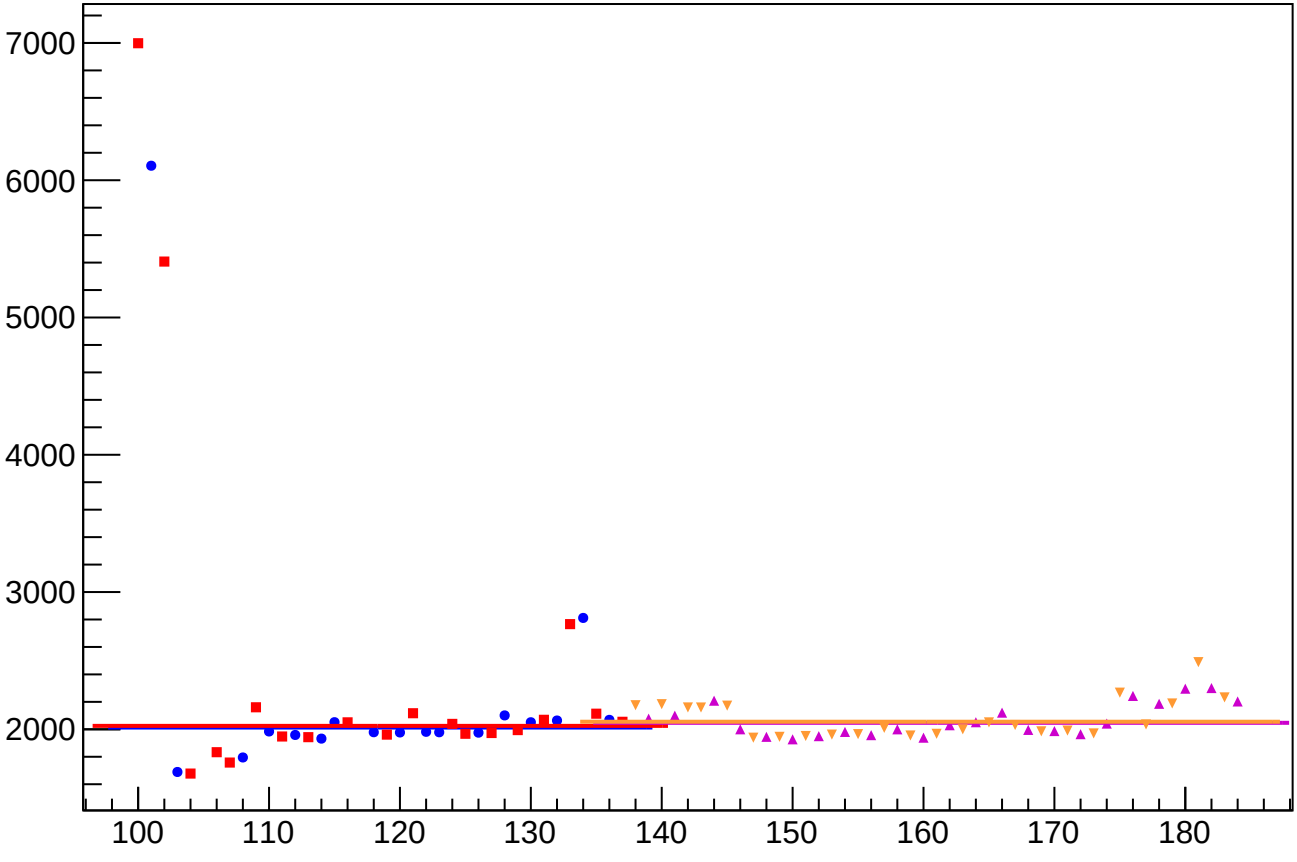
Right: 2793.353+/-558.079 χ^2/NDF: 29.6/35

In: 2933.208+/-416.847 χ^2/NDF:38.7/39

Out: 2243.880+/-412.404 χ^2/NDF:45.2/42

All: 2584.851+/-293.172 χ^2/NDF: 85.2/82

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2055.234+/-0.343 χ^2/NDF:134819.3/23

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

Left In: 2047.277+/-0.346 χ^2/NDF:103001.2/22

Left: 2051.291+/-0.244 χ^2/NDF: 238087.1/46

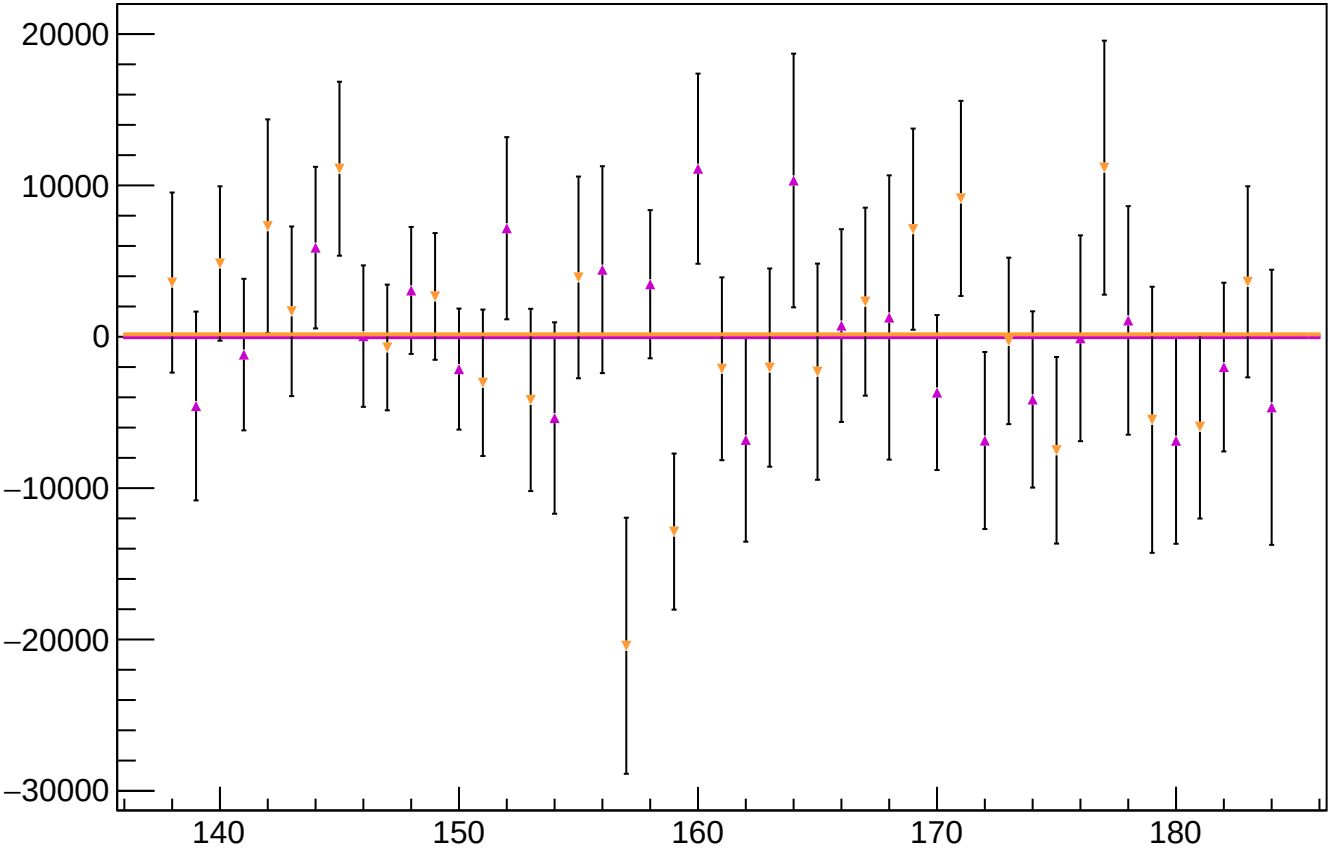
Right: 2019.103+/-0.395 χ^2/NDF: 1215366.0/35

In: 2037.848+/-0.295 χ^2/NDF:723411.4/39

Out: 2046.867+/-0.292 χ^2/NDF:734386.9/42

All: 2042.406+/-0.207 χ^2/NDF: 1458271.4/82

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 159.079+/-1203.663 χ^2/NDF:28.4/23

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

Left In: -23.765+/-1211.652 χ^2/NDF:15.2/22

Left: 68.262+/-853.929 χ^2/NDF: 43.6/46

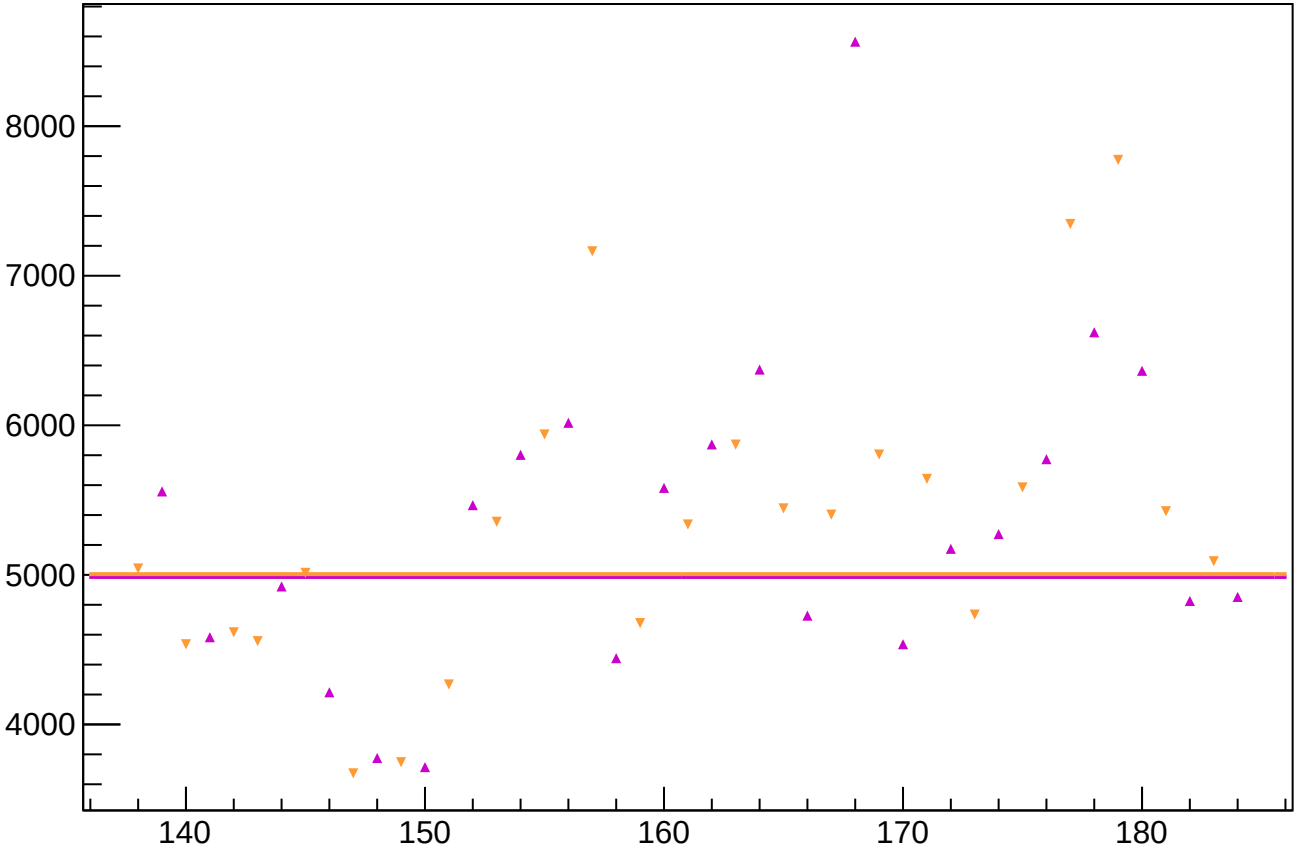
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -23.765+/-1211.652 χ^2/NDF:15.2/22

Out: 159.079+/-1203.663 χ^2/NDF:28.4/23

All: 68.262+/-853.929 χ^2/NDF: 43.6/46

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 5004.787+/-0.851 χ^2/NDF:1145138.8/23

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

Left In: 4986.169+/-0.857 χ^2/NDF:1197602.7/22

Left: 4995.540+/-0.604 χ^2/NDF: 2342979.2/46

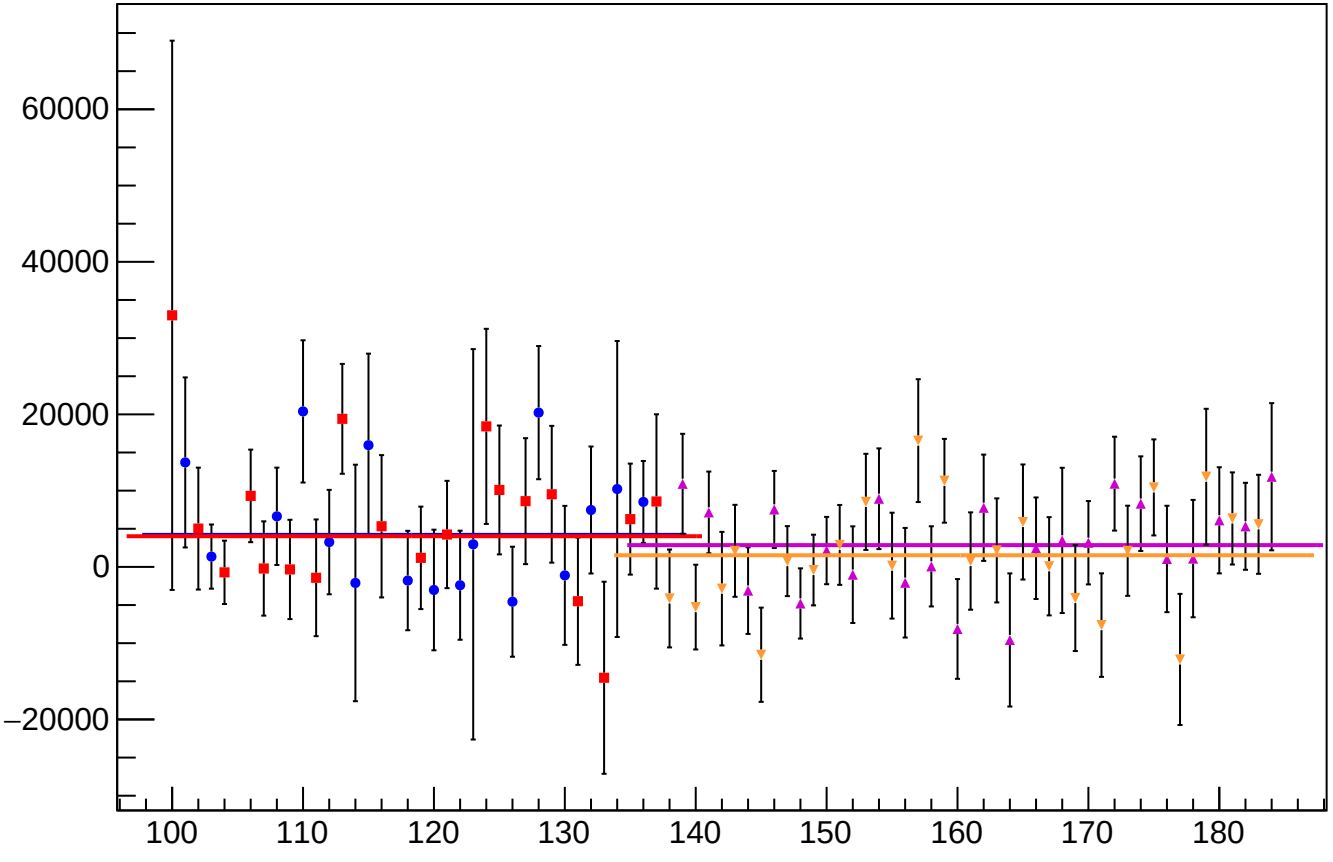
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4986.169+/-0.857 χ^2/NDF:1197602.7/22

Out: 5004.787+/-0.851 χ^2/NDF:1145138.8/23

All: 4995.540+/-0.604 χ^2/NDF: 2342979.2/46

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1528.649+/-1275.458 χ^2/NDF:25.1/23

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

Left In: 2856.480+/-1284.131 χ^2/NDF:18.1/22

Left: 2188.065+/-904.936 χ^2/NDF: 43.7/46

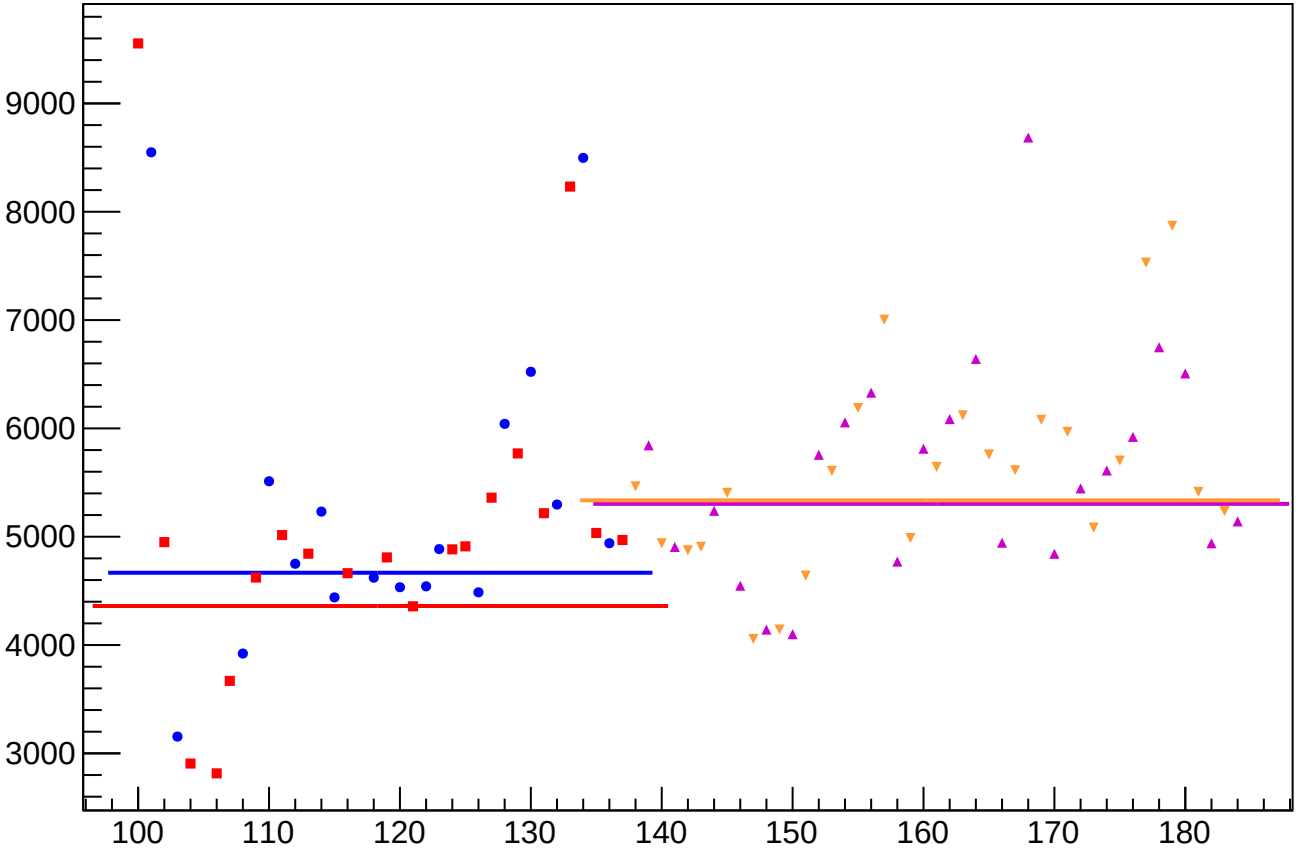
Right: 4104.755+/-1264.177 χ^2/NDF: 29.0/35

In: 3290.449+/-1056.345 χ^2/NDF:32.6/39

Out: 2410.432+/-1025.602 χ^2/NDF:41.3/42

All: 2837.448+/-735.839 χ^2/NDF: 74.2/82

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5336.106+/-0.902 χ^2/NDF:865115.6/23

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

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

Left: 5319.824+/-0.640 χ^2/NDF: 1826127.8/46

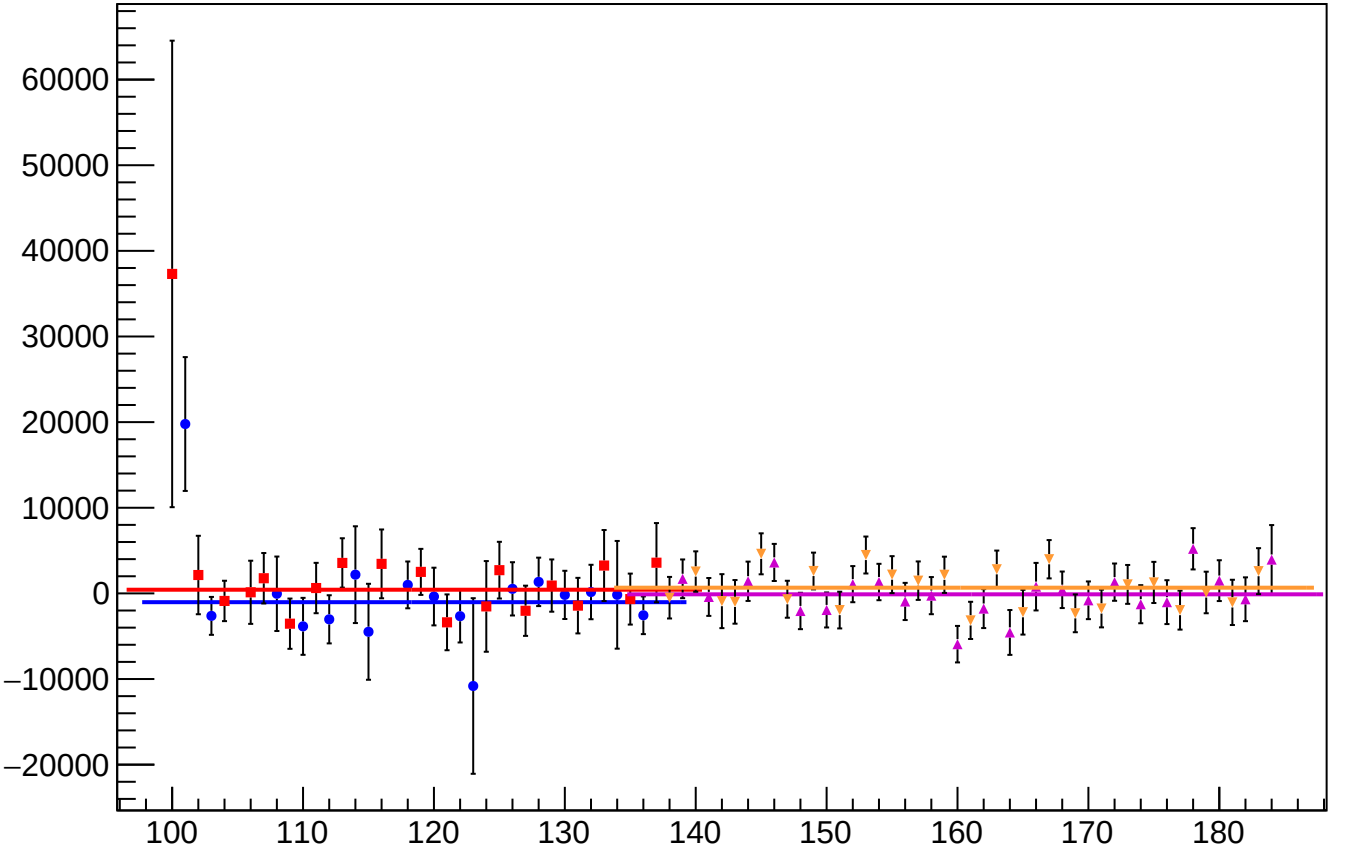
Right: 4501.800+/-0.891 χ^2/NDF: 1640064.7/35

In: 5097.747+/-0.747 χ^2/NDF:1896752.0/39

Out: 4988.755+/-0.724 χ^2/NDF:2114446.4/42

All: 5041.530+/-0.520 χ^2/NDF: 4022180.4/82

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 665.636+/-472.972 χ^2/NDF:24.2/23

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

Left In: -108.365+/-477.899 χ^2/NDF:25.0/22

Left: 282.646+/-336.170 χ^2/NDF: 50.5/46

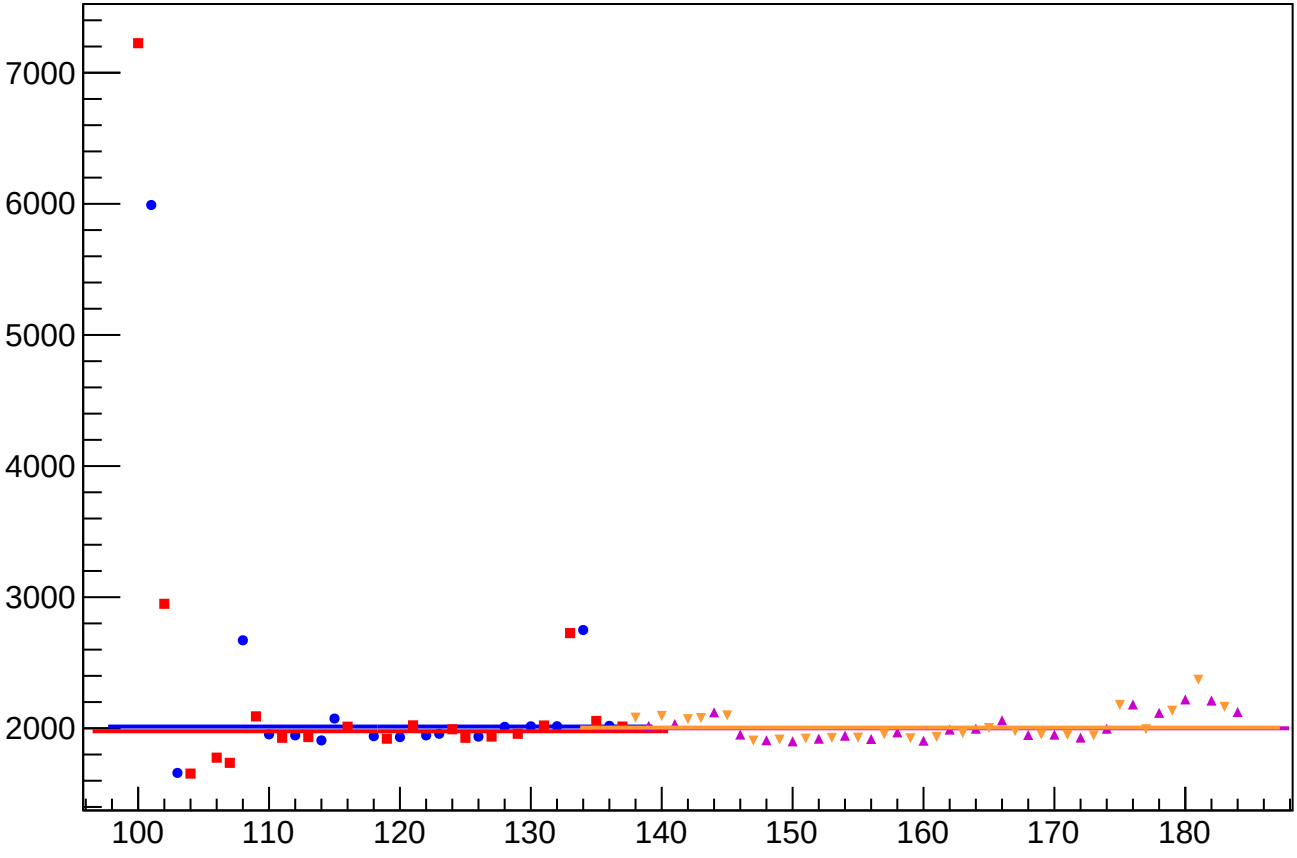
Right: -265.860+/-550.193 χ^2/NDF: 25.6/35

In: -351.502+/-409.808 χ^2/NDF:39.0/39

Out: 599.533+/-401.681 χ^2/NDF:35.0/42

All: 133.539+/-286.862 χ^2/NDF: 76.8/82

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 2005.502+/-0.334 χ^2/NDF:98619.9/23

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

Left In: 2000.119+/-0.338 χ^2/NDF:79688.8/22

Left: 2002.838+/-0.238 χ^2/NDF: 178436.9/46

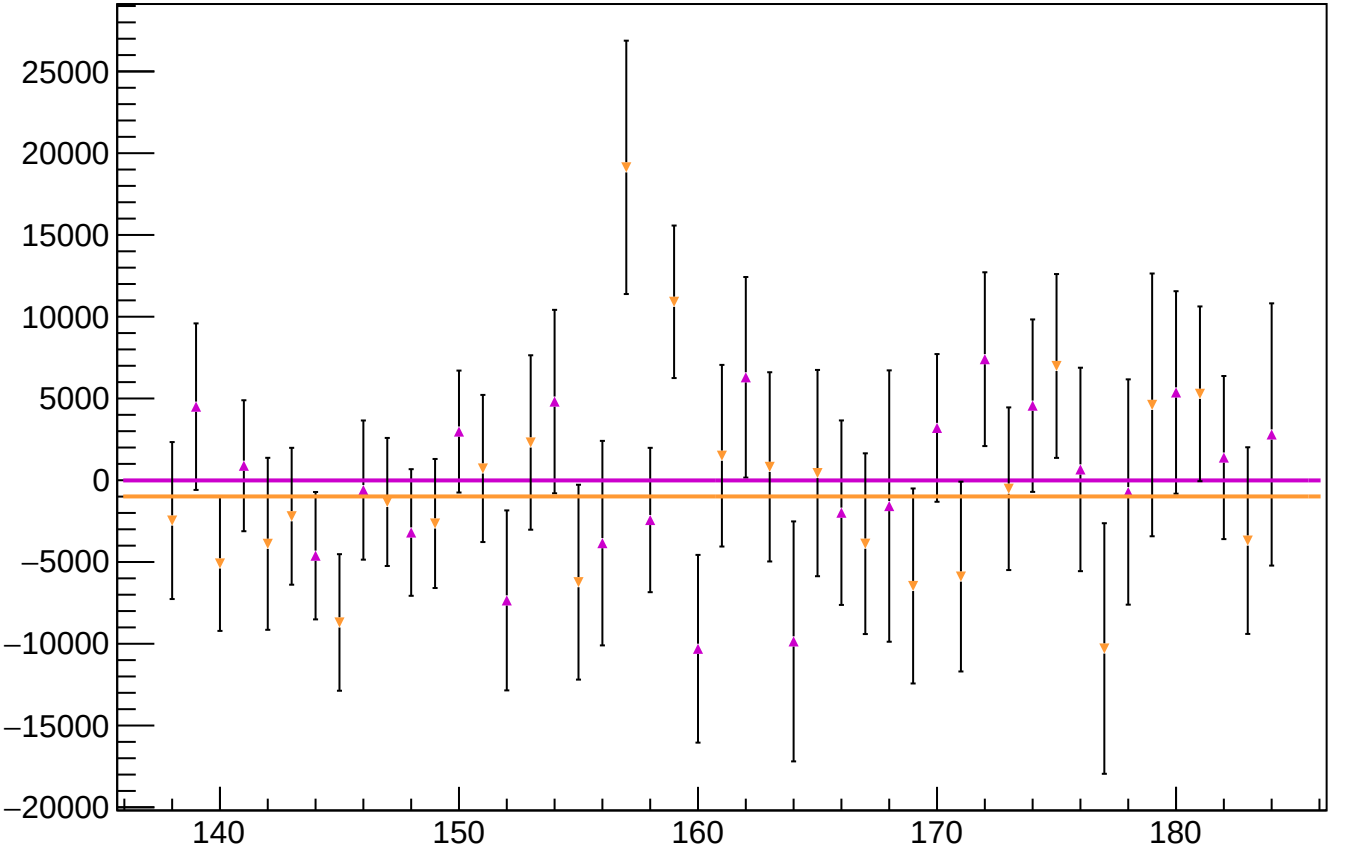
Right: 1994.568+/-0.389 χ^2/NDF: 947053.5/35

In: 2003.600+/-0.290 χ^2/NDF:730138.2/39

Out: 1997.697+/-0.284 χ^2/NDF:395469.9/42

All: 2000.588+/-0.203 χ^2/NDF: 1125819.8/82

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -991.092+/-1050.628 χ^2/NDF:27.4/23

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

Left In: -10.945+/-1070.258 χ^2/NDF:17.2/22

Left: -510.090+/-749.750 χ^2/NDF: 45.0/46

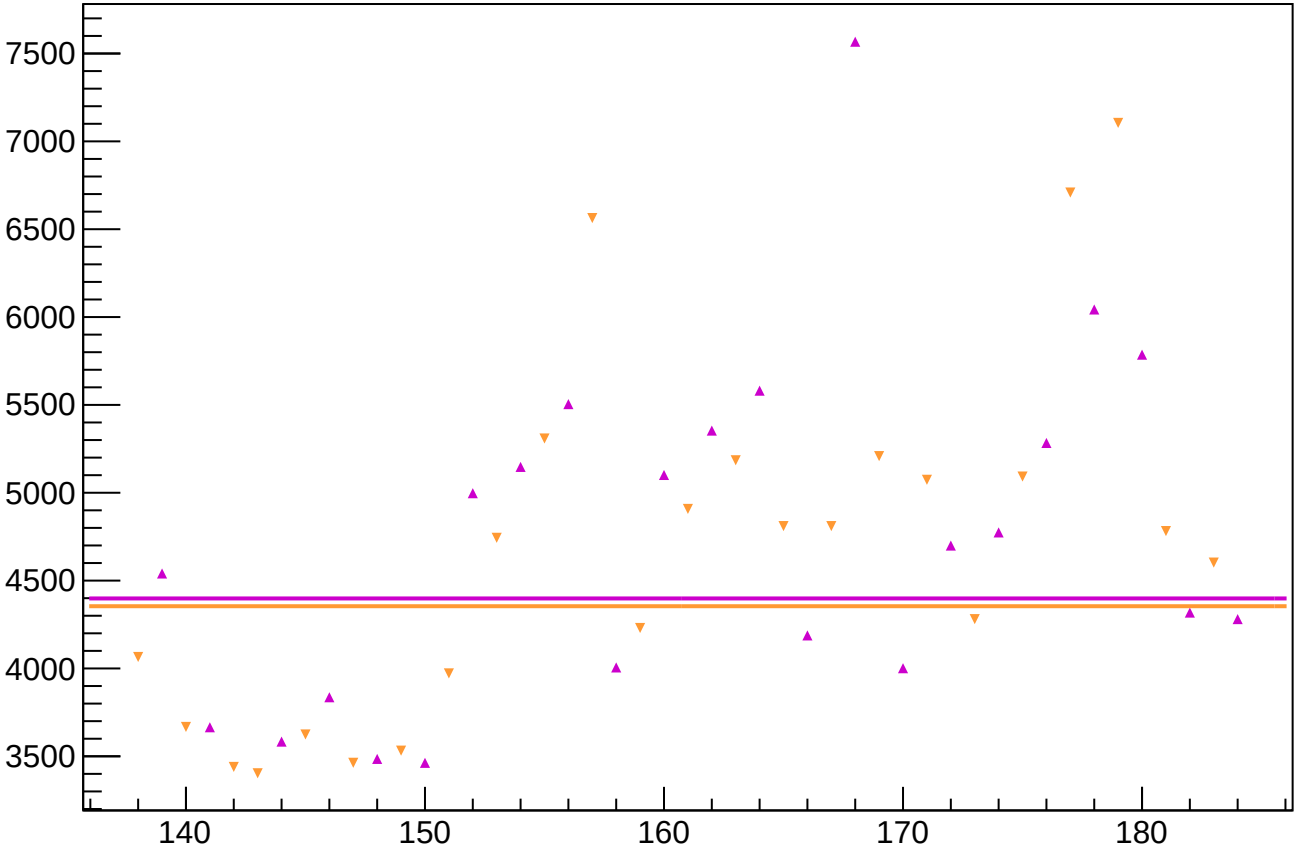
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.945+/-1070.258 χ^2/NDF:17.2/22

Out: -991.092+/-1050.628 χ^2/NDF:27.4/23

All: -510.090+/-749.750 χ^2/NDF: 45.0/46

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4354.202+/-0.743 χ^2/NDF:1350360.3/23

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

Left In: 4398.421+/-0.757 χ^2/NDF:1278784.1/22

Left: 4375.902+/-0.530 χ^2/NDF: 2630883.0/46

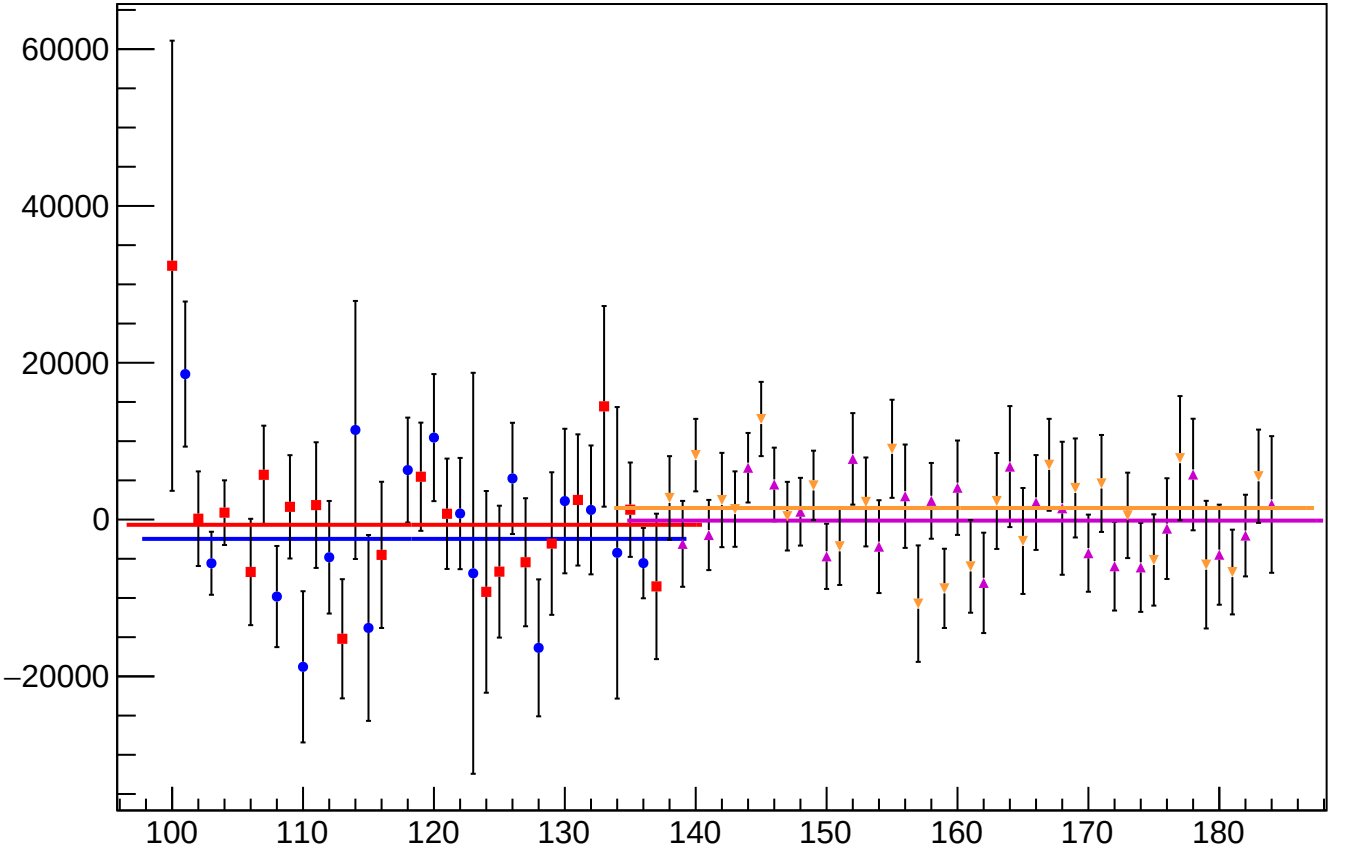
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4398.421+/-0.757 χ^2/NDF:1278784.1/22

Out: 4354.202+/-0.743 χ^2/NDF:1350360.3/23

All: 4375.902+/-0.530 χ^2/NDF: 2630883.0/46

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1477.965+/-1139.601 χ^2/NDF:26.5/23

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

Left In: -131.428+/-1157.282 χ^2/NDF:14.9/22

Left: 685.657+/-811.999 χ^2/NDF: 42.4/46

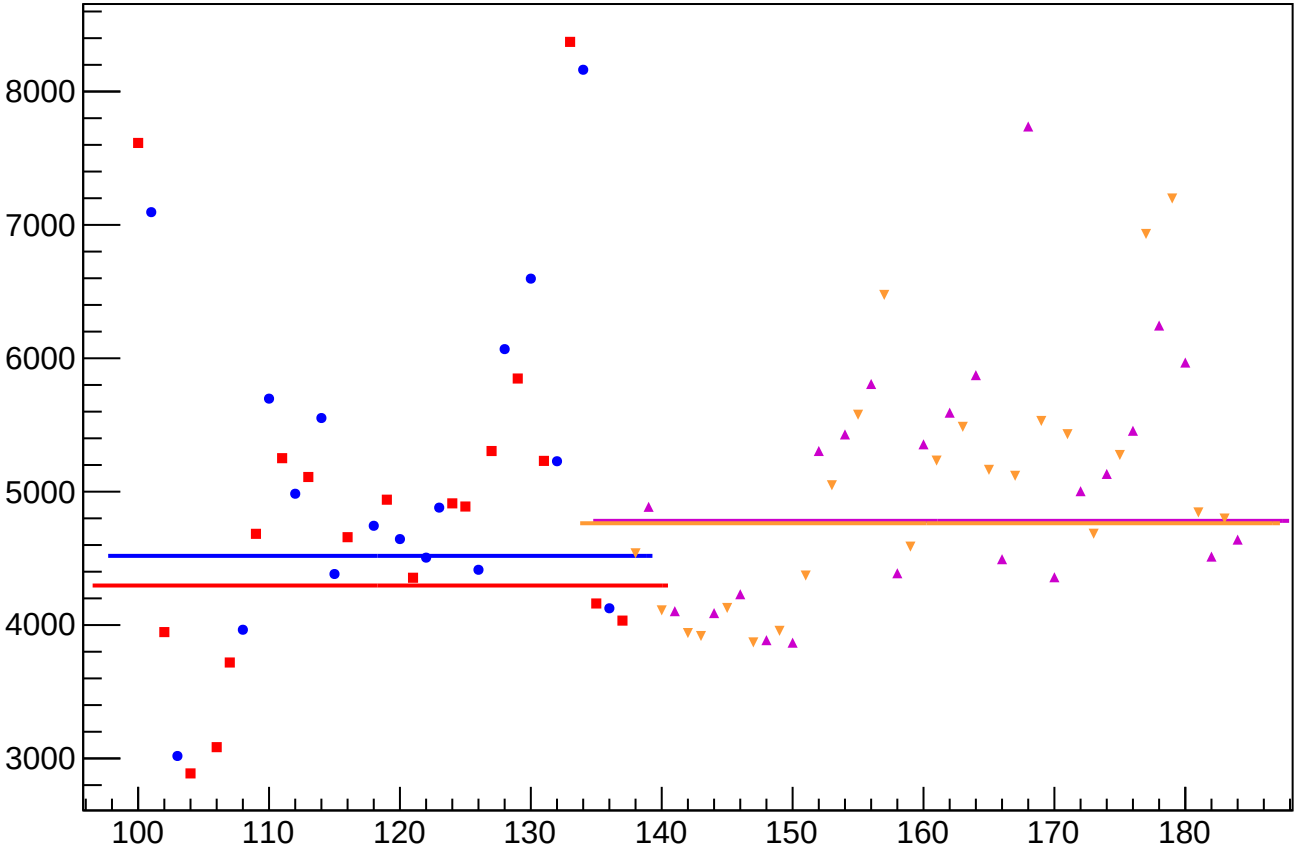
Right: -1508.905+/-1231.122 χ^2/NDF: 33.3/35

In: -814.574+/-973.018 χ^2/NDF:36.9/39

Out: 807.656+/-944.822 χ^2/NDF:39.5/42

All: 20.386+/-677.839 χ^2/NDF: 77.8/82

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4763.179+/-0.806 χ^2/NDF:941856.9/23

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

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

Left: 4772.037+/-0.574 χ^2/NDF: 1893644.5/46

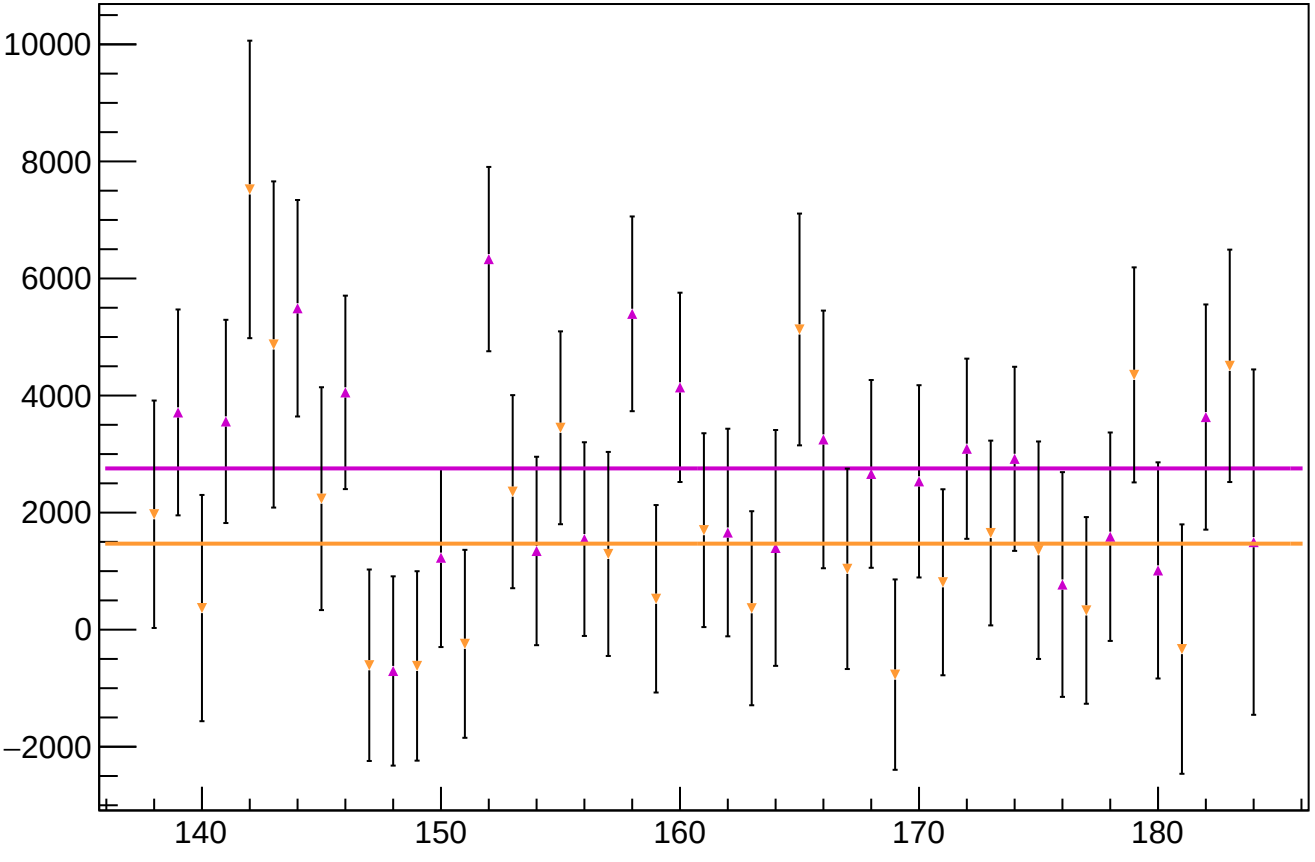
Right: 4400.071+/-0.868 χ^2/NDF: 1558255.2/35

In: 4704.239+/-0.688 χ^2/NDF:1751925.2/39

Out: 4616.128+/-0.667 χ^2/NDF:1819270.8/42

All: 4658.812+/-0.479 χ^2/NDF: 3579651.3/82

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: 1469.663+/-361.677 χ^2/NDF:26.3/23

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

Left In: 2754.889+/-361.672 χ^2/NDF:22.4/22

Left: 2112.285+/-255.742 χ^2/NDF: 54.9/46

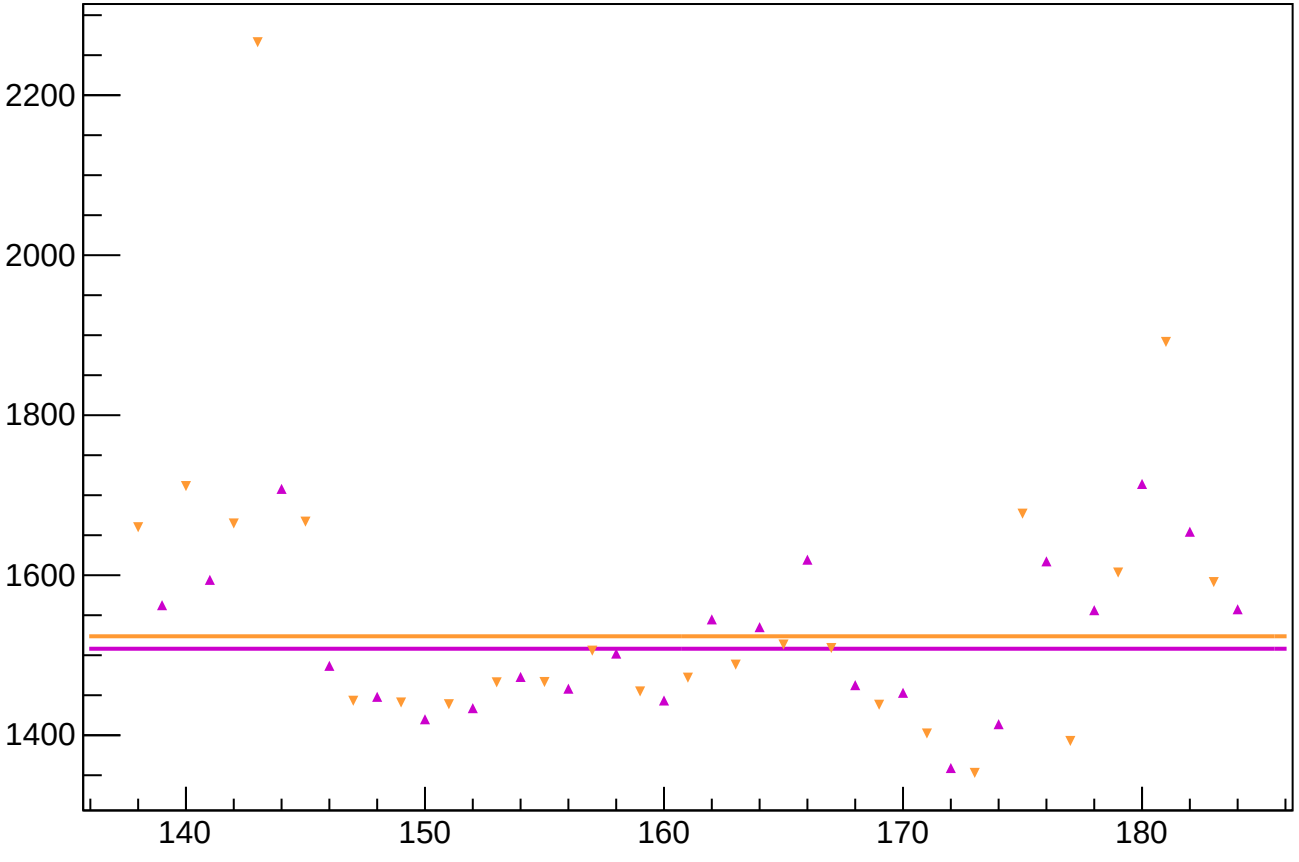
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2754.889+/-361.672 χ^2/NDF:22.4/22

Out: 1469.663+/-361.677 χ^2/NDF:26.3/23

All: 2112.285+/-255.742 χ^2/NDF: 54.9/46

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: 1523.677+/-0.256 χ^2/NDF:349146.1/23

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

Left In: 1508.111+/-0.256 χ^2/NDF:131488.7/22

Left: 1515.894+/-0.181 χ^2/NDF: 482487.1/46

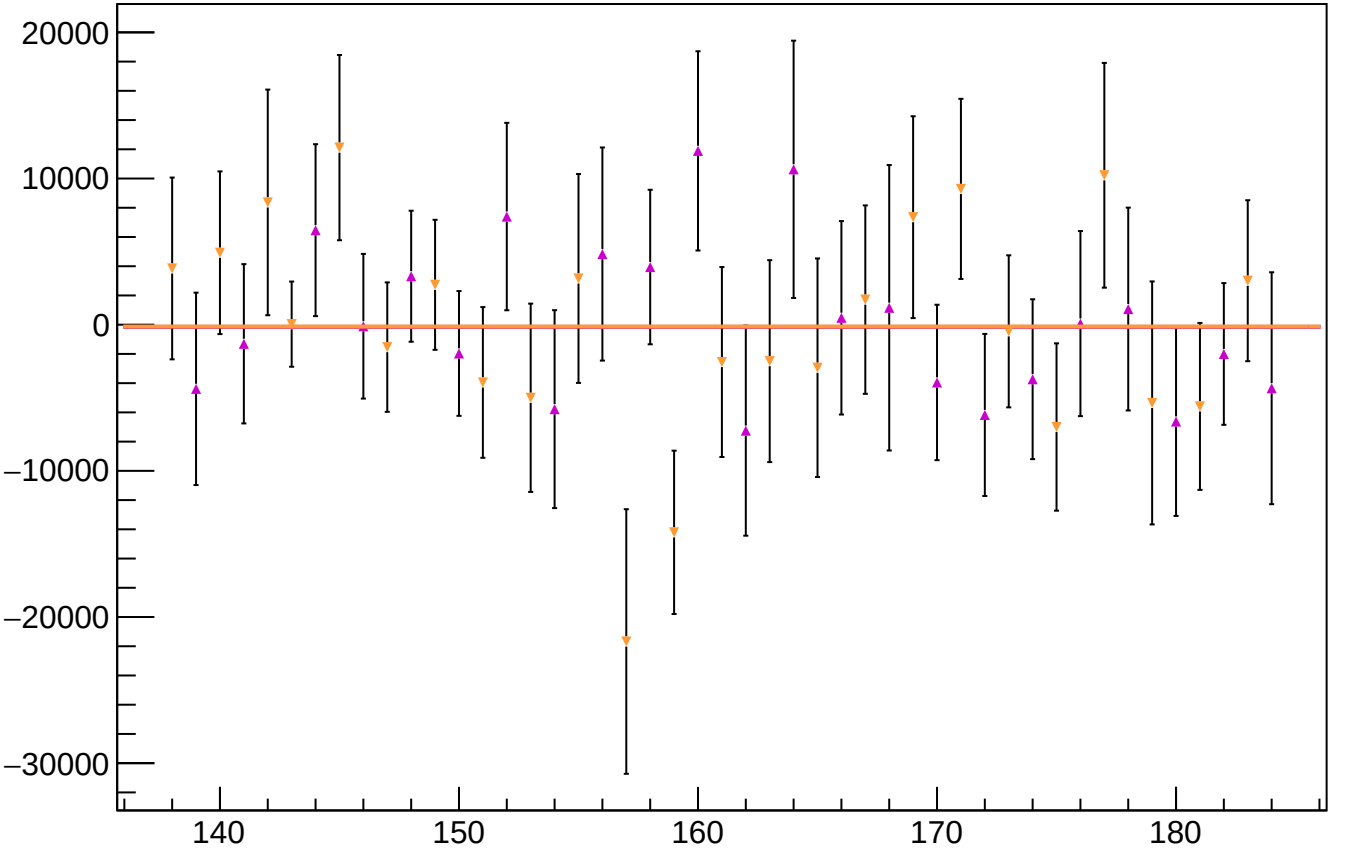
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1508.111+/-0.256 χ^2/NDF:131488.7/22

Out: 1523.677+/-0.256 χ^2/NDF:349146.1/23

All: 1515.894+/-0.181 χ^2/NDF: 482487.1/46

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: -127.575+/-1161.608 χ^2/NDF:28.9/23

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

Left In: -151.239+/-1241.800 χ^2/NDF:14.9/22

Left: -138.618+/-848.315 χ^2/NDF: 43.8/46

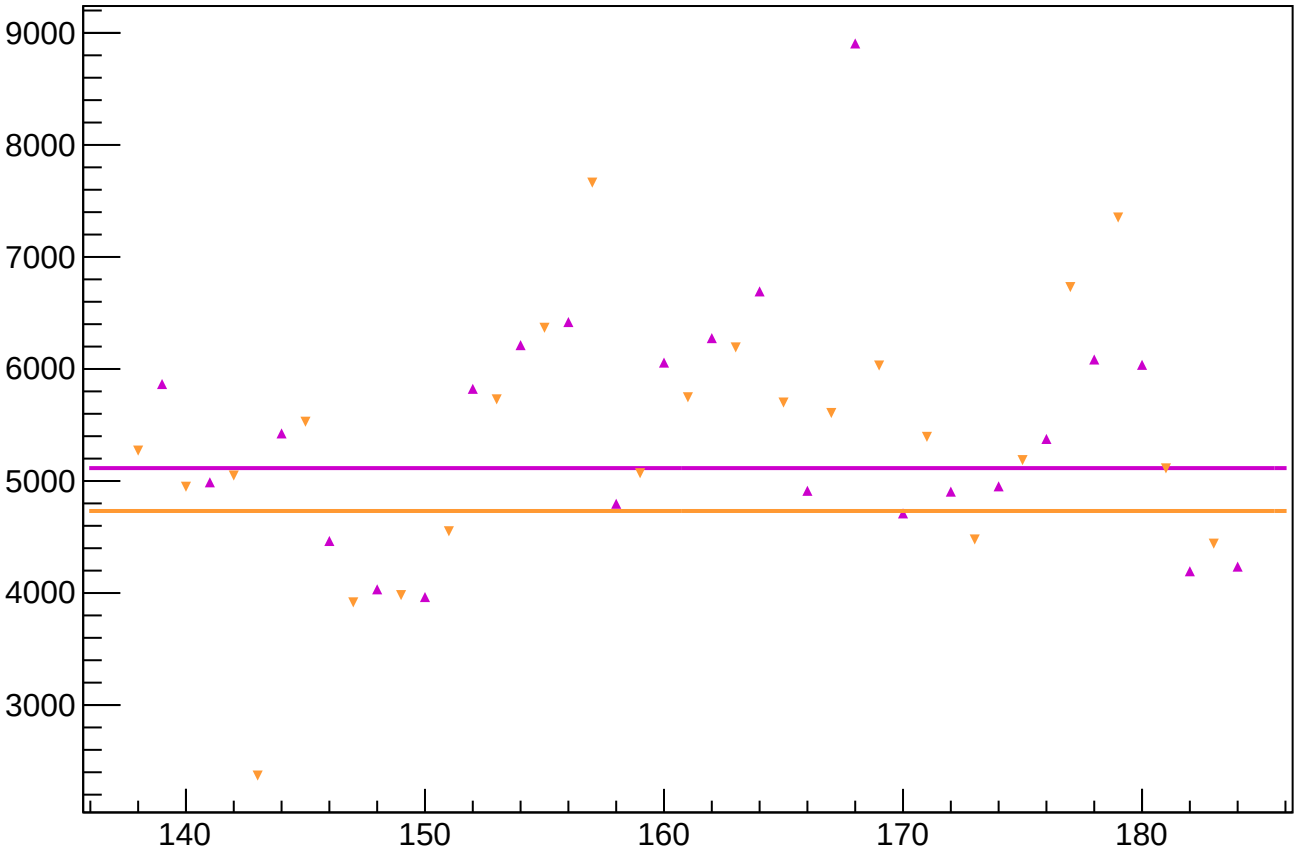
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -151.239+/-1241.800 χ^2/NDF:14.9/22

Out: -127.575+/-1161.608 χ^2/NDF:28.9/23

All: -138.618+/-848.315 χ^2/NDF: 43.8/46

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: 4732.371+/-0.821 χ^2/NDF:2531792.4/23

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

Left In: 5115.139+/-0.878 χ^2/NDF:1131347.2/22

Left: 4910.998+/-0.600 χ^2/NDF: 3764482.8/46

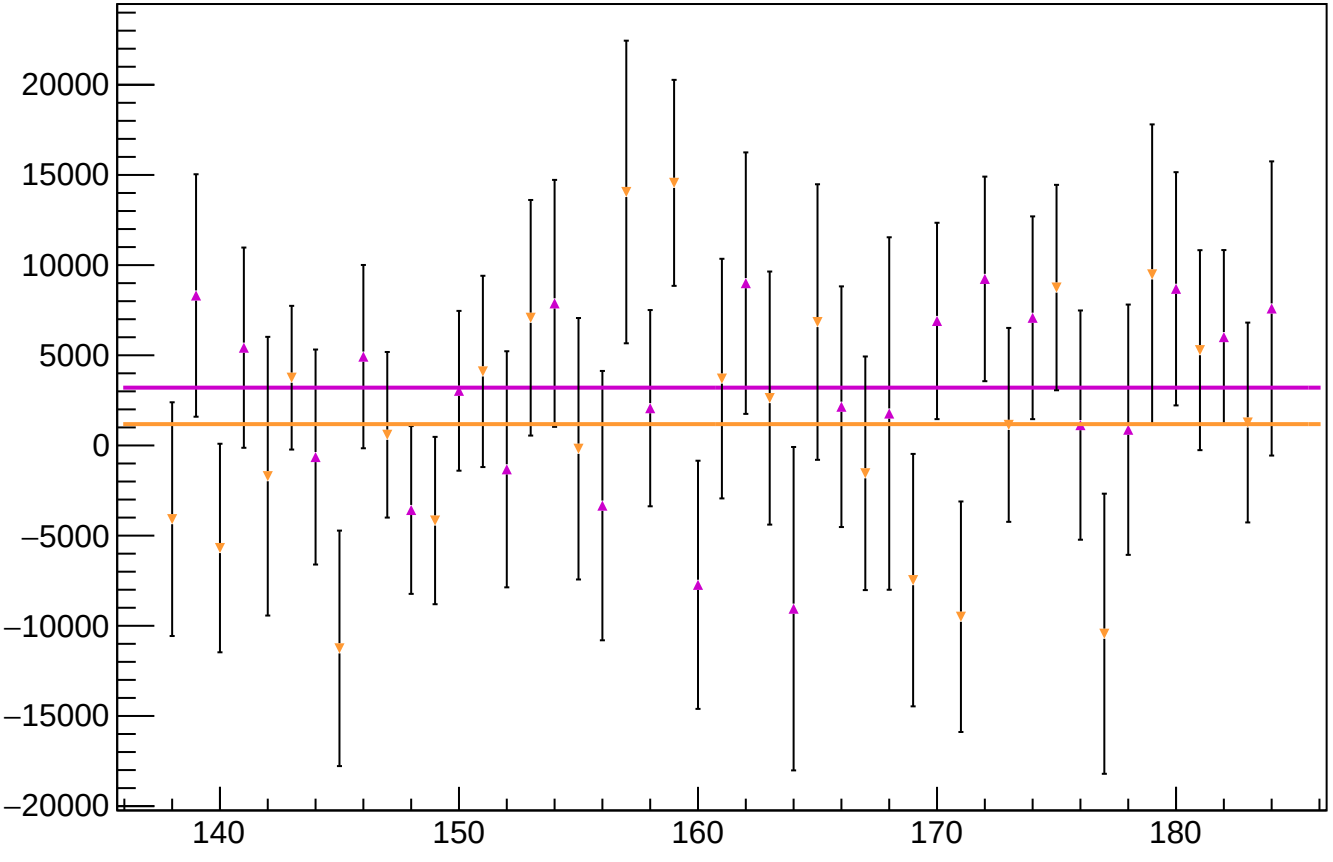
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5115.139+/-0.878 χ^2/NDF:1131347.2/22

Out: 4732.371+/-0.821 χ^2/NDF:2531792.4/23

All: 4910.998+/-0.600 χ^2/NDF: 3764482.8/46

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: 1182.620+/-1227.137 χ^2/NDF:27.4/23

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

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

Left: 2162.799+/-880.996 χ^2/NDF: 42.6/46

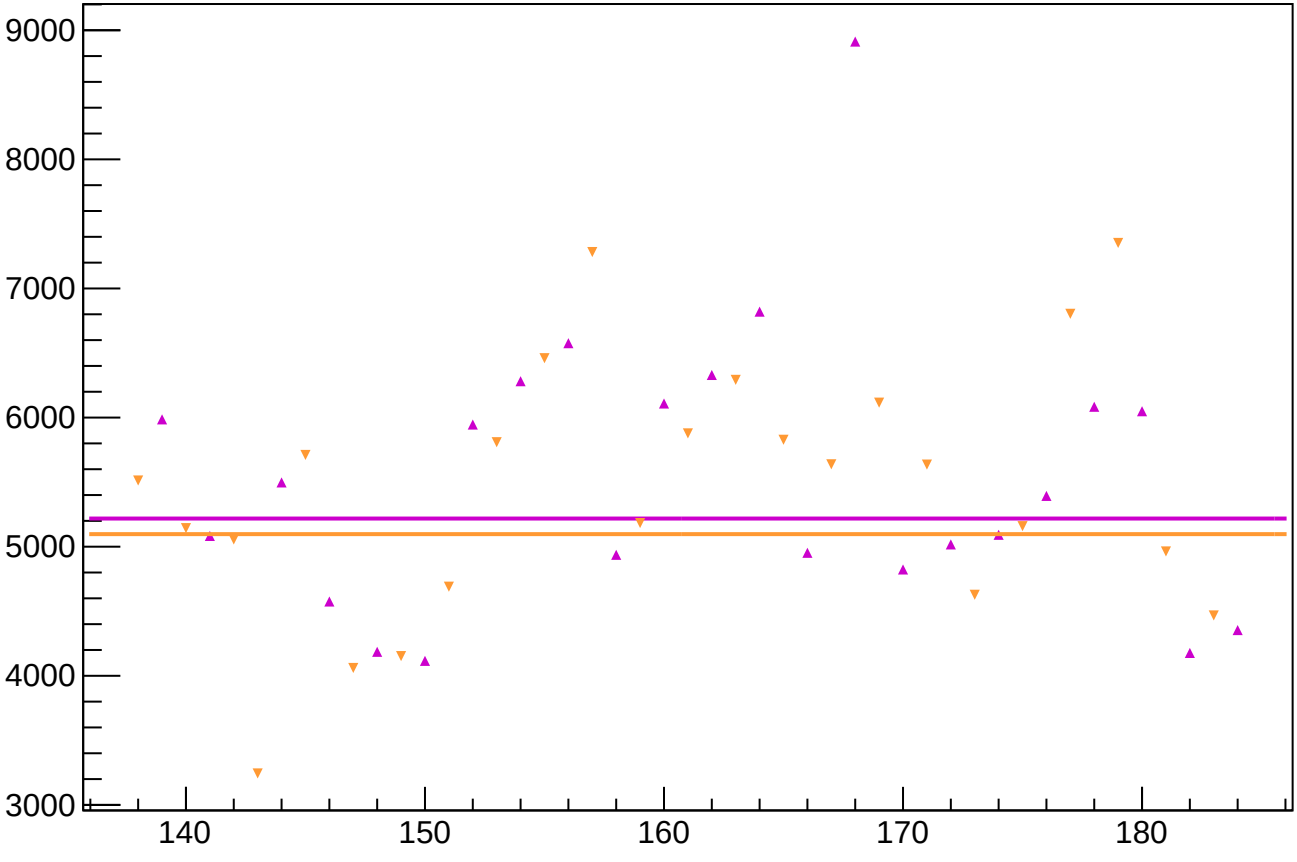
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Out: 1182.620+/-1227.137 χ^2/NDF:27.4/23

All: 2162.799+/-880.996 χ^2/NDF: 42.6/46

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: 5097.241+/-0.868 χ^2/NDF:1346448.4/23

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

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

Left: 5155.744+/-0.623 χ^2/NDF: 2414825.4/46

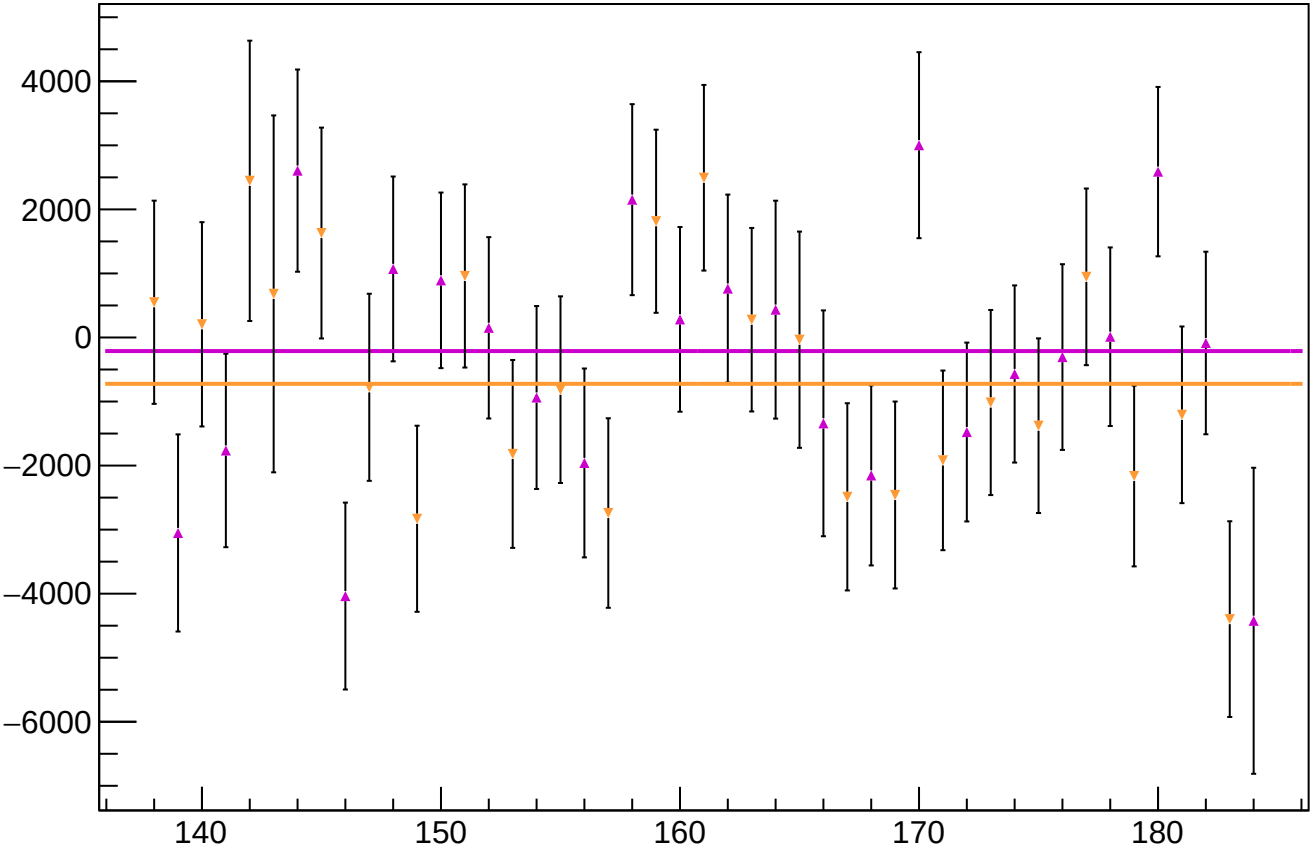
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Out: 5097.241+/-0.868 χ^2/NDF:1346448.4/23

All: 5155.744+/-0.623 χ^2/NDF: 2414825.4/46

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: -723.433+/-307.593 χ^2/NDF:32.3/23

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

Left In: -212.071+/-308.597 χ^2/NDF:36.6/22

Left: -468.585+/-217.855 χ^2/NDF: 70.3/46

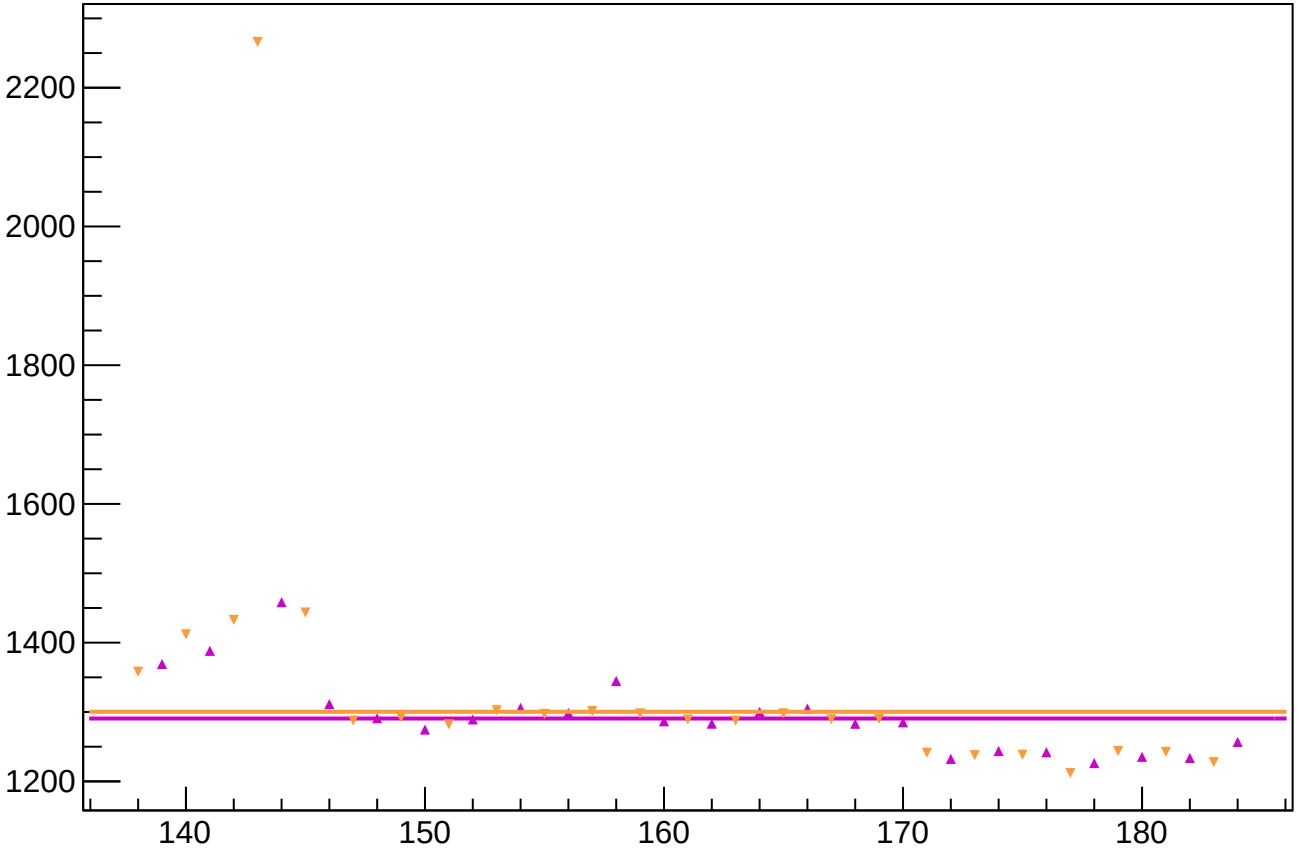
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -212.071+/-308.597 χ^2/NDF:36.6/22

Out: -723.433+/-307.593 χ^2/NDF:32.3/23

All: -468.585+/-217.855 χ^2/NDF: 70.3/46

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: 1300.343+/-0.218 χ^2/NDF:306970.1/23

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

Left In: 1290.644+/-0.218 χ^2/NDF:59427.8/22

Left: 1295.509+/-0.154 χ^2/NDF: 367388.7/46

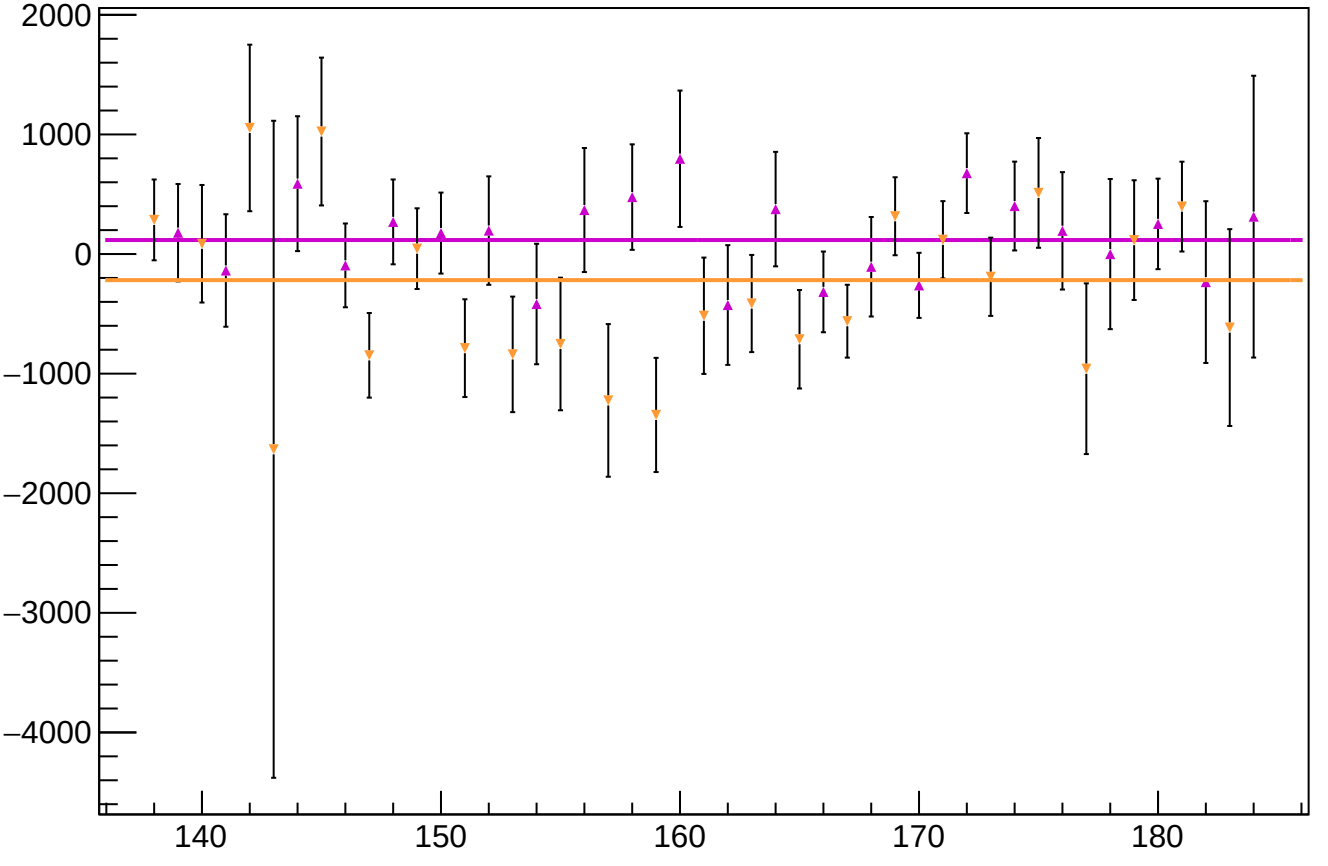
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1290.644+/-0.218 χ^2/NDF:59427.8/22

Out: 1300.343+/-0.218 χ^2/NDF:306970.1/23

All: 1295.509+/-0.154 χ^2/NDF: 367388.7/46

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: -218.101+/-87.901 χ^2/NDF:40.7/23

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

Left In: 117.113+/-88.214 χ^2/NDF:14.3/22

Left: -51.089+/-62.266 χ^2/NDF: 62.2/46

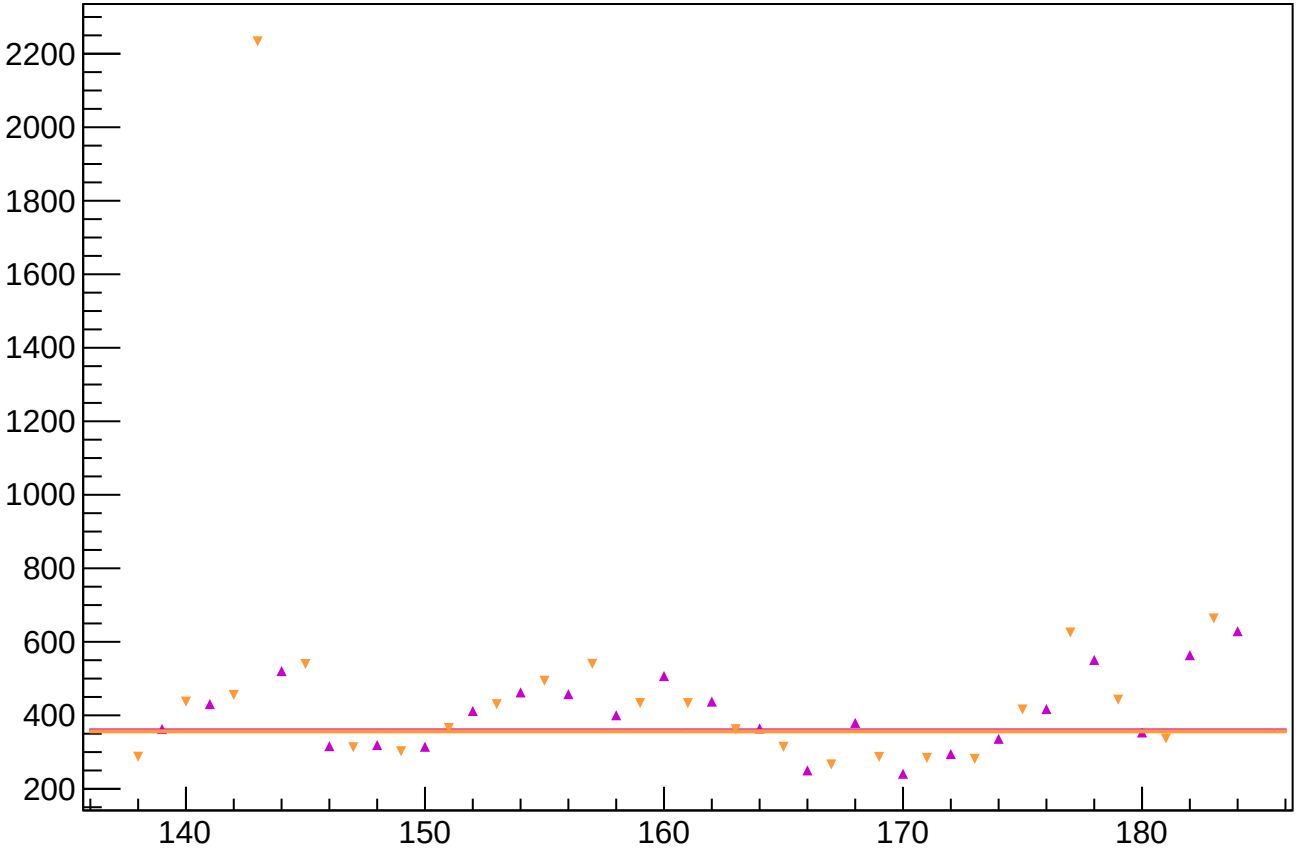
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 117.113+/-88.214 χ^2/NDF:14.3/22

Out: -218.101+/-87.901 χ^2/NDF:40.7/23

All: -51.089+/-62.266 χ^2/NDF: 62.2/46

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: 356.463+/-0.062 χ^2/NDF:2960786.5/23

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

Left In: 359.000+/-0.062 χ^2/NDF:1858849.9/22

Left: 357.727+/-0.044 χ^2/NDF: 4820466.4/46

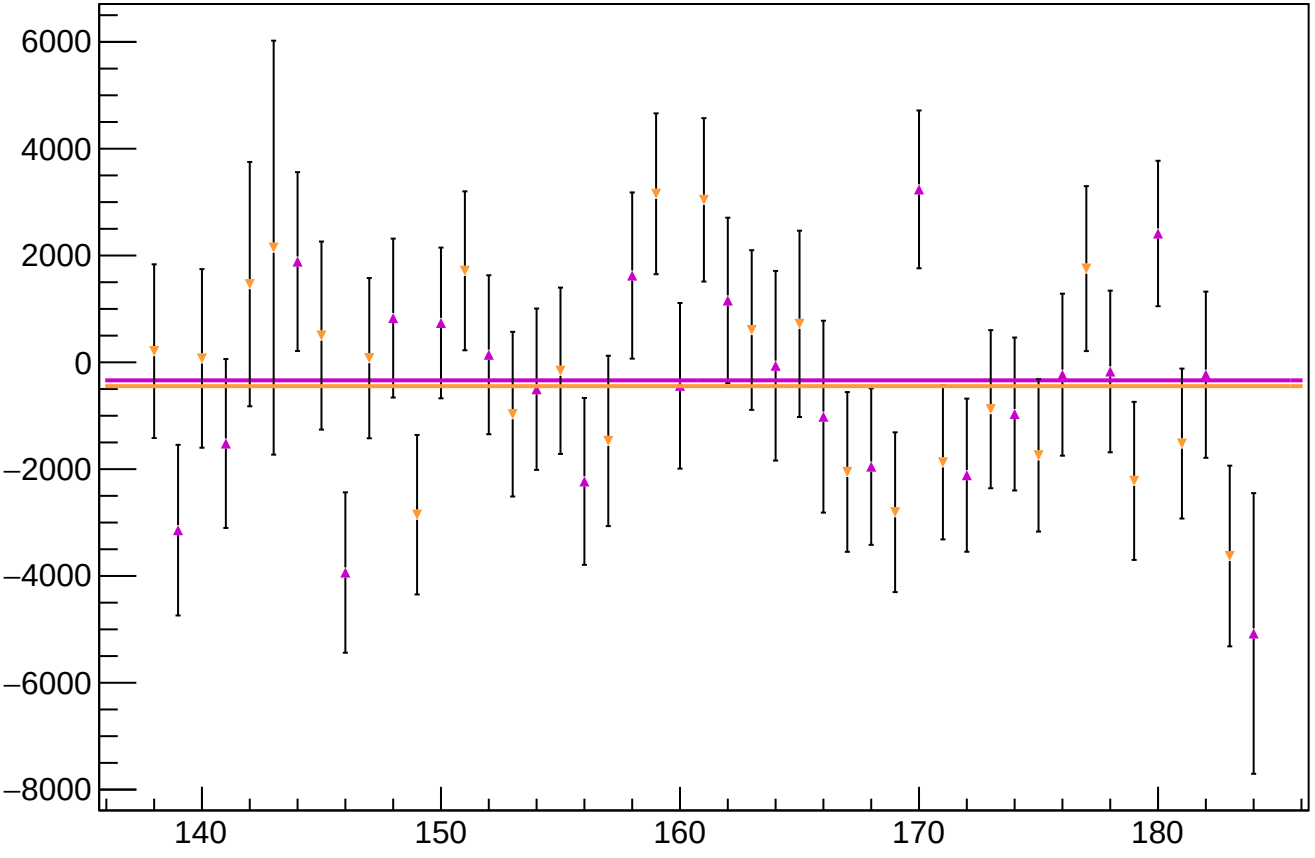
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 359.000+/-0.062 χ^2/NDF:1858849.9/22

Out: 356.463+/-0.062 χ^2/NDF:2960786.5/23

All: 357.727+/-0.044 χ^2/NDF: 4820466.4/46

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: -446.478+/-322.989 χ^2/NDF:32.1/23

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

Left In: -337.193+/-323.023 χ^2/NDF:32.8/22

Left: -391.841+/-228.400 χ^2/NDF: 64.9/46

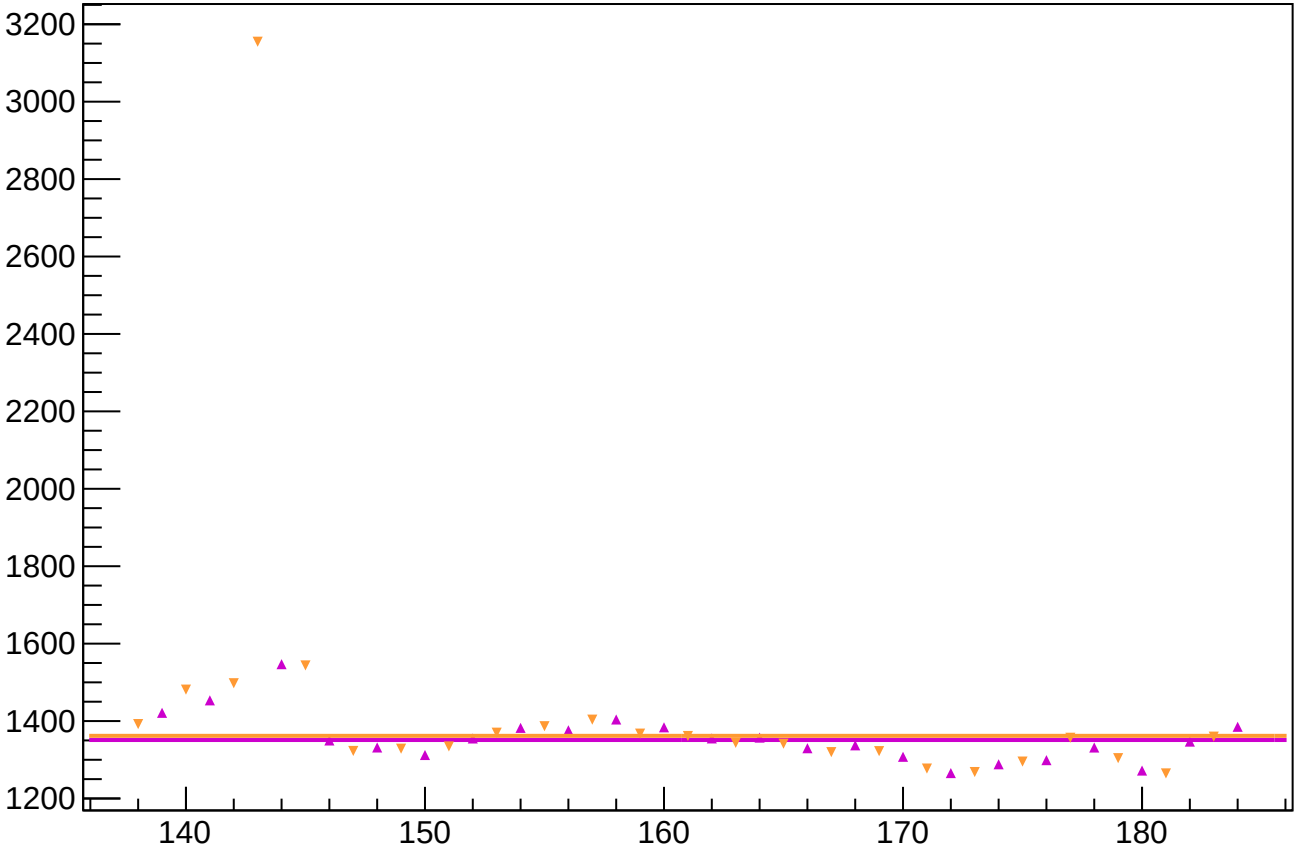
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -337.193+/-323.023 χ^2/NDF:32.8/22

Out: -446.478+/-322.989 χ^2/NDF:32.1/23

All: -391.841+/-228.400 χ^2/NDF: 64.9/46

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: 1361.865+/-0.228 χ^2/NDF:507701.0/23

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

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

Left: 1356.439+/-0.162 χ^2/NDF: 577807.9/46

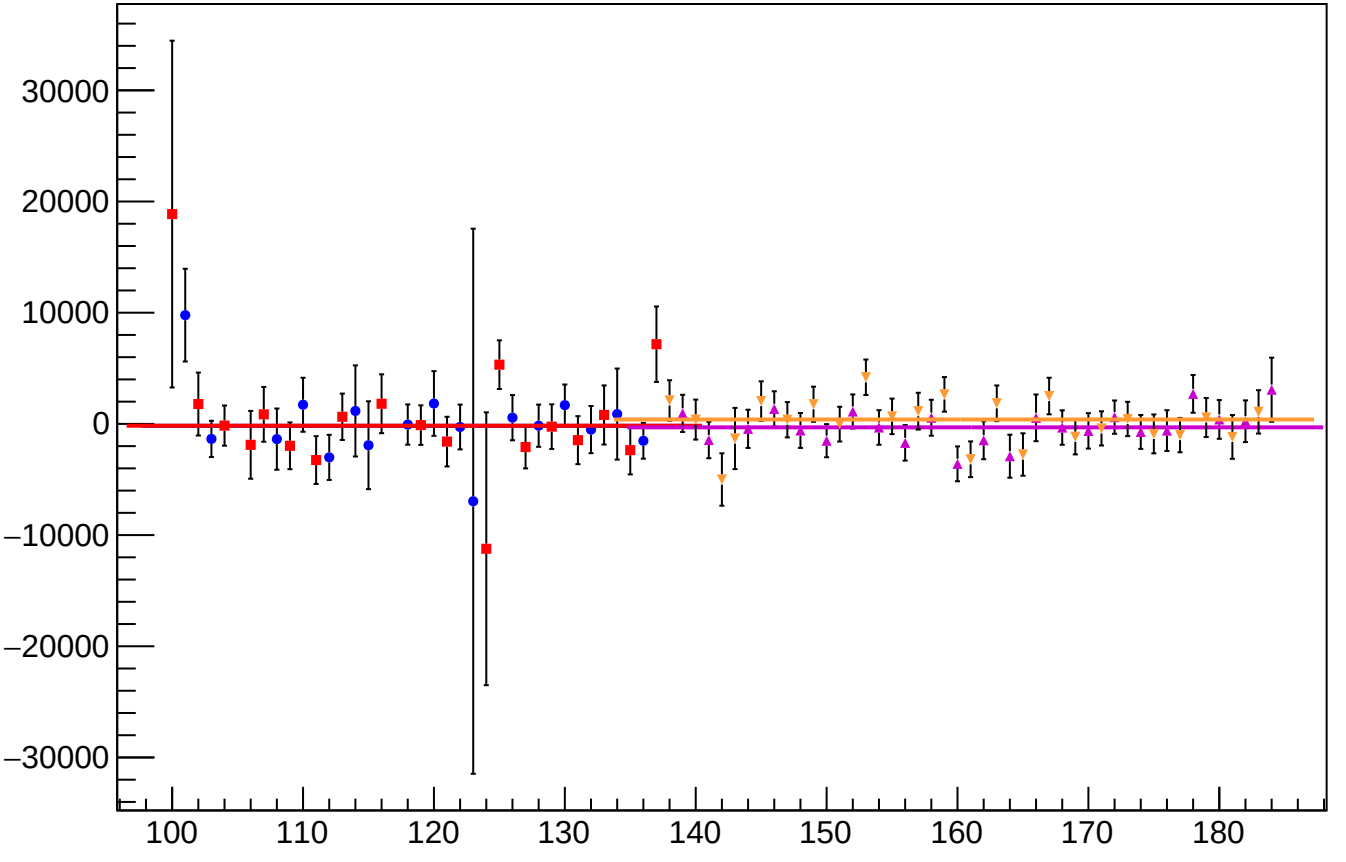
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

Out: 1361.865+/-0.228 χ^2/NDF:507701.0/23

All: 1356.439+/-0.162 χ^2/NDF: 577807.9/46

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: 396.075+/-347.776 χ^2/NDF:29.8/23

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

Left In: -310.833+/-348.292 χ^2/NDF:16.8/22

Left: 43.145+/-246.097 χ^2/NDF: 48.7/46

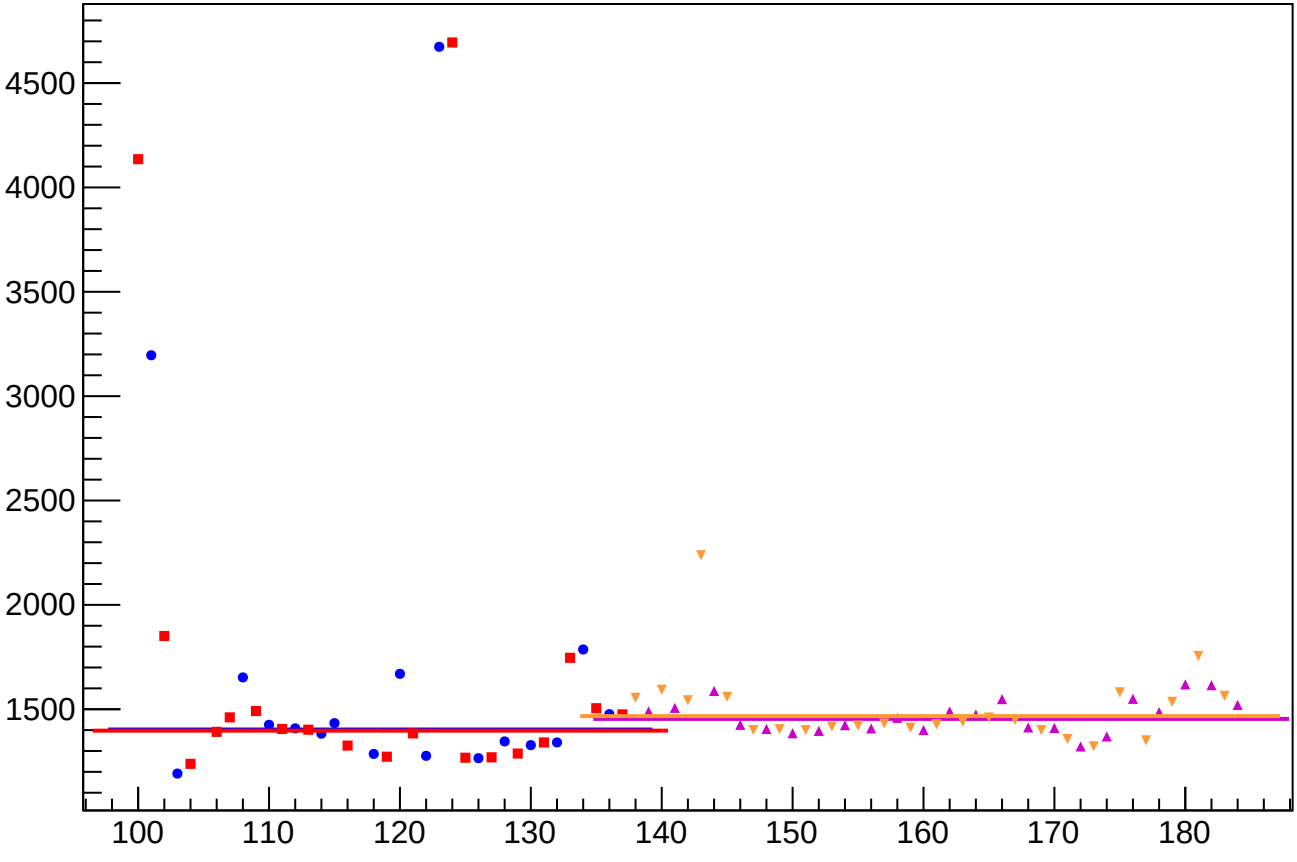
Right: -169.758+/-386.953 χ^2/NDF: 32.4/35

In: -272.375+/-294.961 χ^2/NDF:28.6/39

Out: 231.645+/-292.402 χ^2/NDF:51.2/42

All: -18.169+/-207.658 χ^2/NDF: 81.3/82

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: 1467.045+/-0.246 χ^2/NDF:300262.6/23

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

Left In: 1453.763+/-0.246 χ^2/NDF:99224.2/22

Left: 1460.414+/-0.174 χ^2/NDF: 400943.3/46

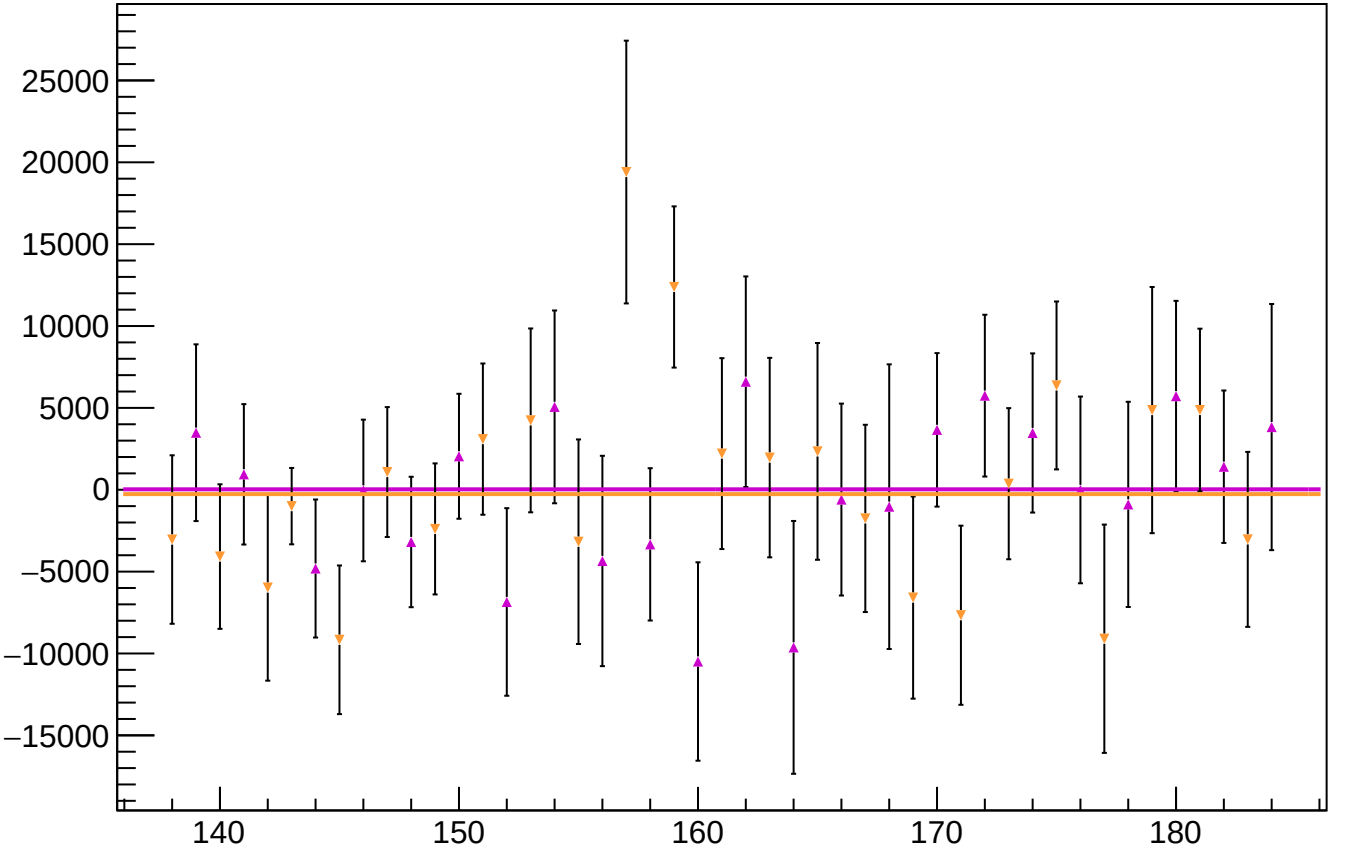
Right: 1400.004+/-0.274 χ^2/NDF: 879784.5/35

In: 1439.325+/-0.209 χ^2/NDF:637703.6/39

Out: 1446.628+/-0.207 χ^2/NDF:677127.0/42

All: 1443.009+/-0.147 χ^2/NDF: 1315449.2/82

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: -267.268+/-996.258 χ^2/NDF:28.9/23

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

Left In: 26.926+/-1085.415 χ^2/NDF:15.3/22

Left: -132.748+/-733.959 χ^2/NDF: 44.2/46

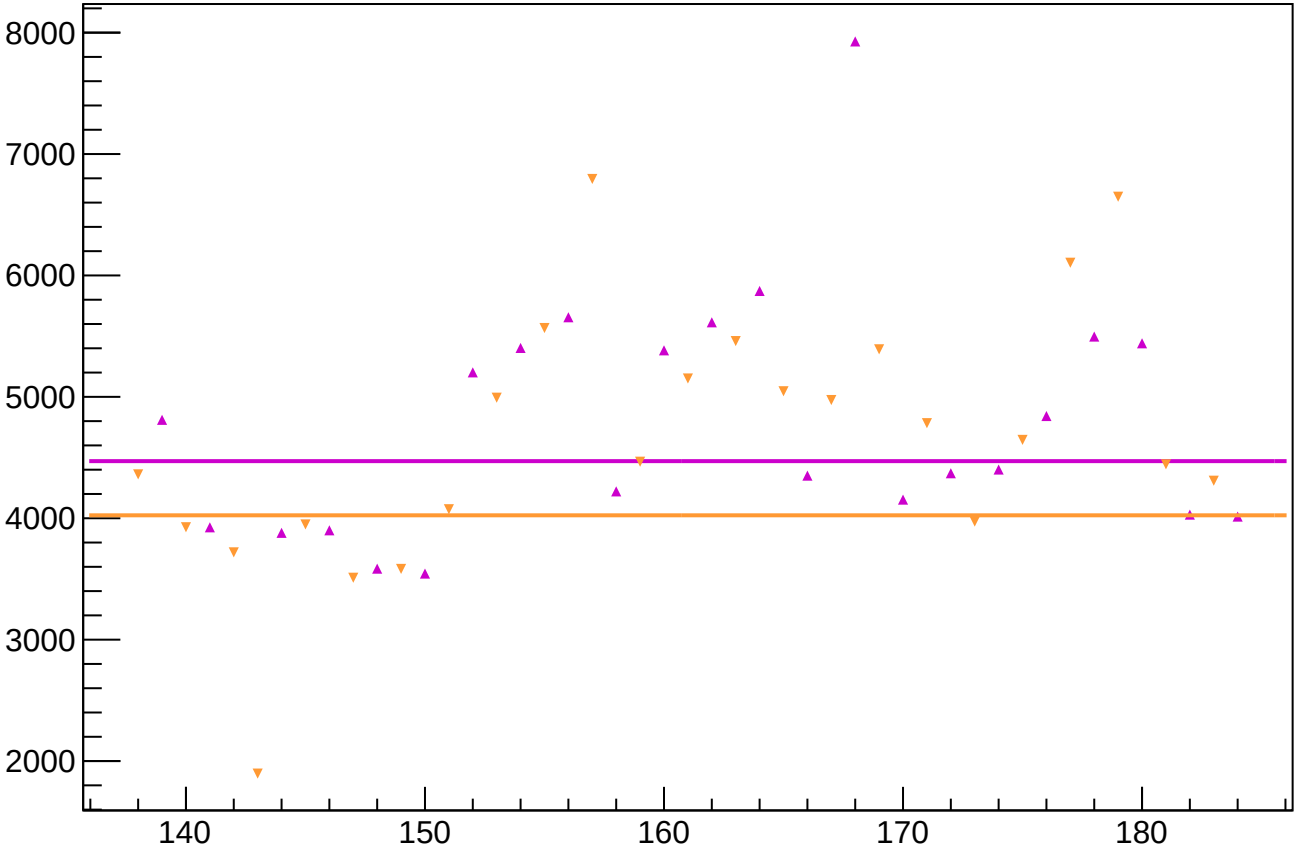
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 26.926+/-1085.415 χ^2/NDF:15.3/22

Out: -267.268+/-996.258 χ^2/NDF:28.9/23

All: -132.748+/-733.959 χ^2/NDF: 44.2/46

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: 4024.244+/-0.704 χ^2/NDF:3070557.8/23

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

Left In: 4470.490+/-0.768 χ^2/NDF:1132495.2/22

Left: 4228.290+/-0.519 χ^2/NDF: 4386532.8/46

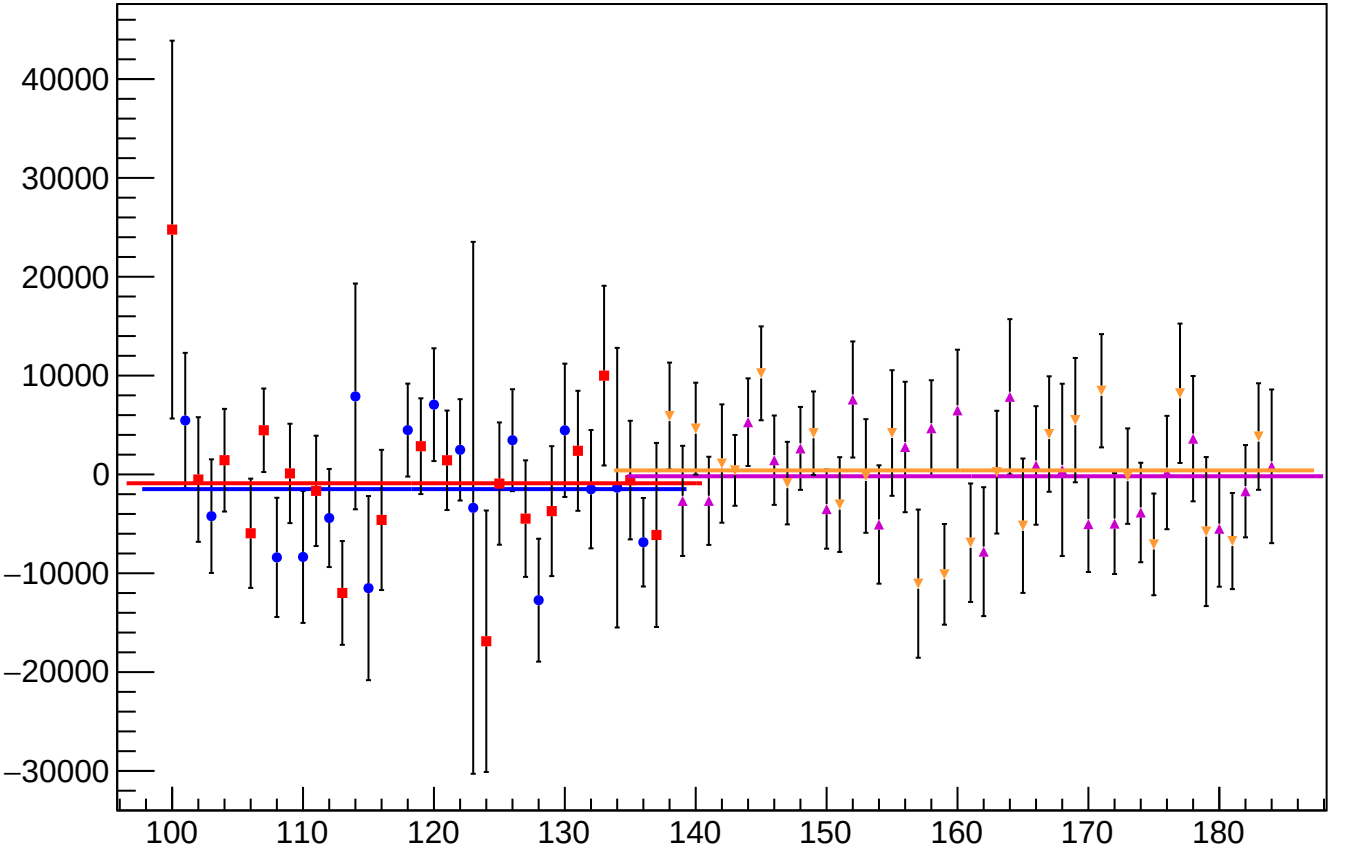
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4470.490+/-0.768 χ^2/NDF:1132495.2/22

Out: 4024.244+/-0.704 χ^2/NDF:3070557.8/23

All: 4228.290+/-0.519 χ^2/NDF: 4386532.8/46

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: 409.463+/-1081.859 χ^2/NDF:26.3/23

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

Left In: -185.280+/-1119.296 χ^2/NDF:14.3/22

Left: 122.204+/-777.888 χ^2/NDF: 40.7/46

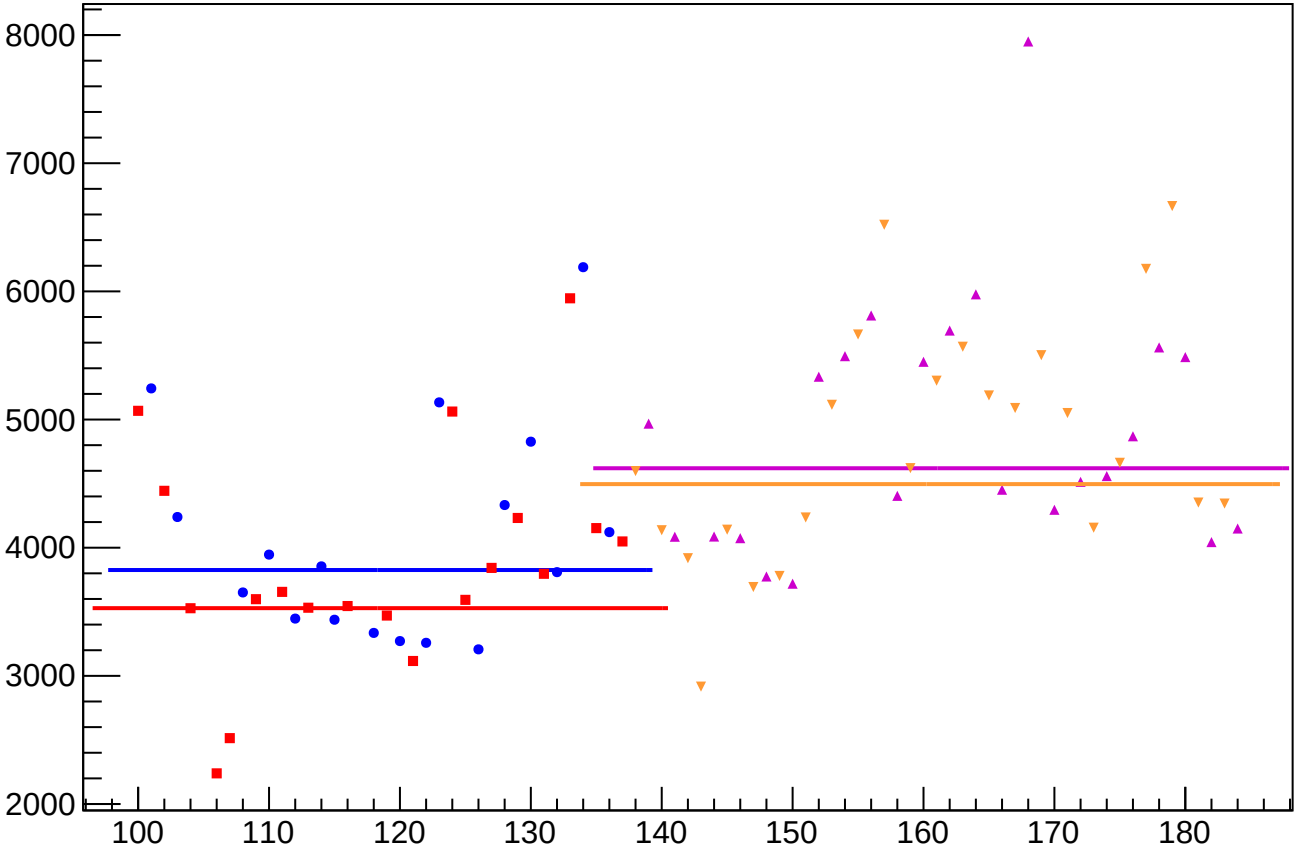
Right: -1165.879+/-1014.876 χ^2/NDF: 30.9/35

In: -651.221+/-896.882 χ^2/NDF:31.4/39

Out: -87.242+/-851.156 χ^2/NDF:41.0/42

All: -354.489+/-617.391 χ^2/NDF: 72.6/82

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: 4496.160+/-0.765 χ^2/NDF:1308232.1/23

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

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

Left: 4555.951+/-0.550 χ^2/NDF: 2322846.2/46

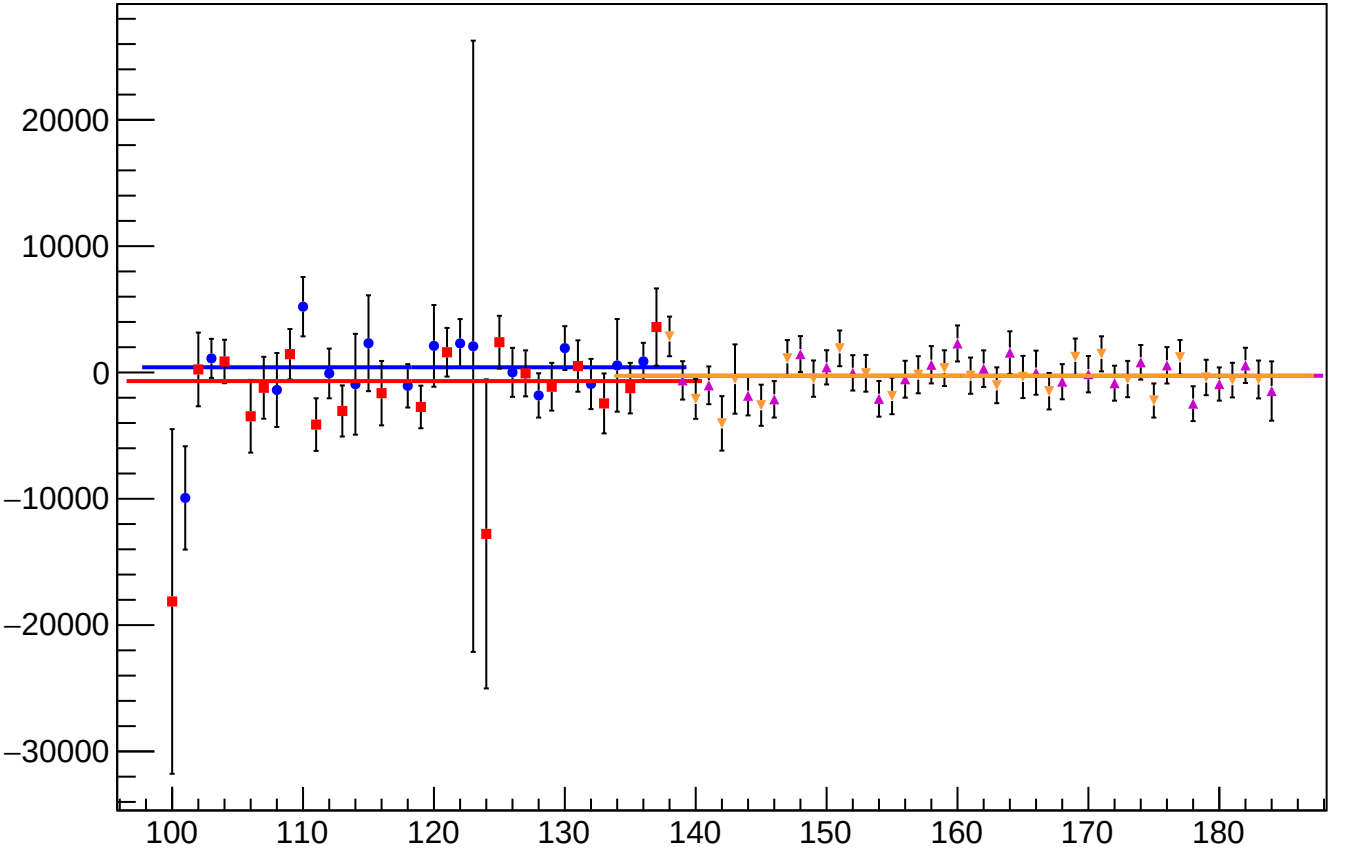
Right: 3663.316+/-0.714 χ^2/NDF: 932858.8/35

In: 4335.706+/-0.634 χ^2/NDF:1696712.4/39

Out: 4123.205+/-0.600 χ^2/NDF:2480472.3/42

All: 4223.531+/-0.436 χ^2/NDF: 4236453.1/82

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: -266.675+/-304.491 χ^2/NDF:22.2/23

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

Left In: -258.285+/-305.289 χ^2/NDF:16.0/22

Left: -262.491+/-215.589 χ^2/NDF: 38.2/46

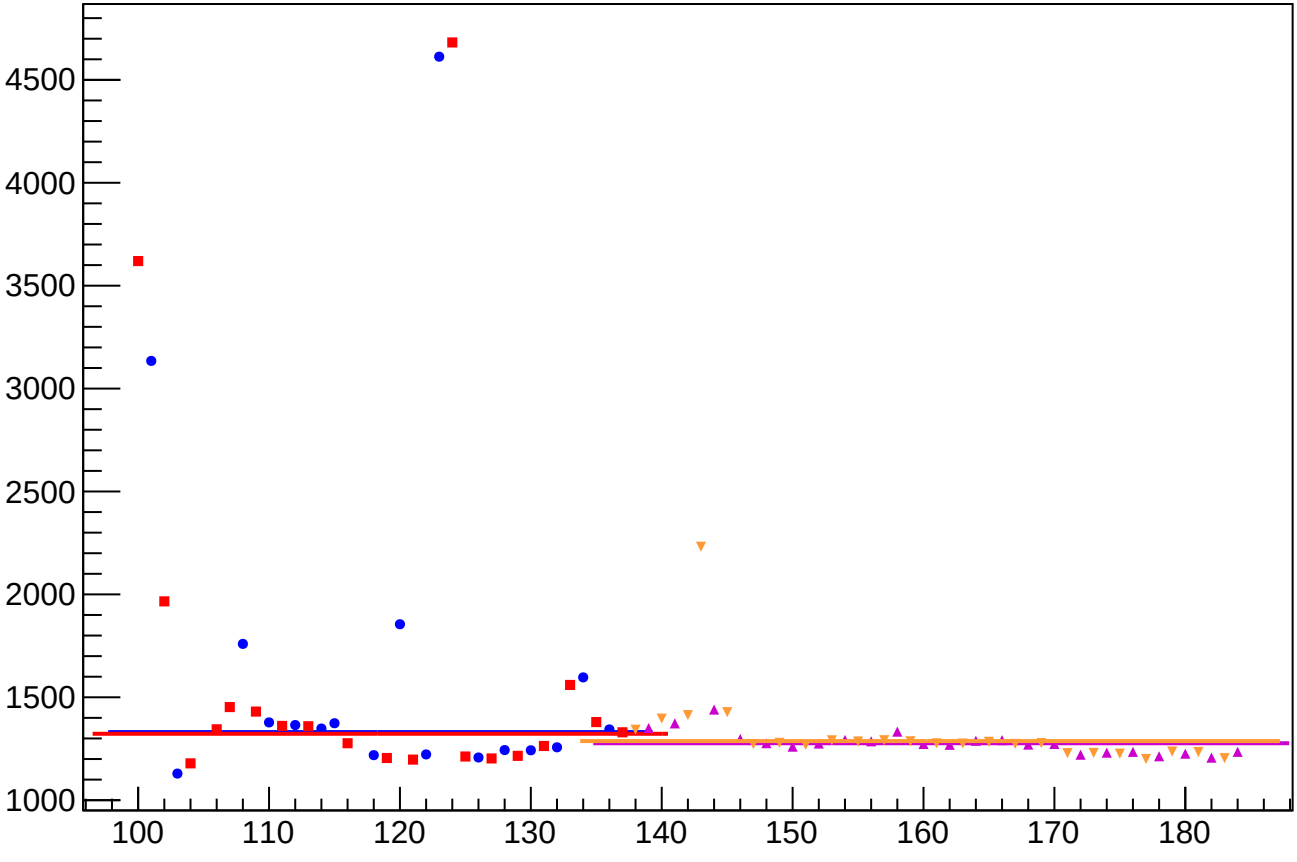
Right: -154.107+/-366.889 χ^2/NDF: 36.8/35

In: -90.480+/-264.289 χ^2/NDF:33.7/39

Out: -375.801+/-261.466 χ^2/NDF:40.7/42

All: -234.672+/-185.874 χ^2/NDF: 75.0/82

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: 1287.211+/-0.215 χ^2/NDF:302469.6/23

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

Left In: 1276.755+/-0.216 χ^2/NDF:59434.2/22

Left: 1281.997+/-0.152 χ^2/NDF: 363079.8/46

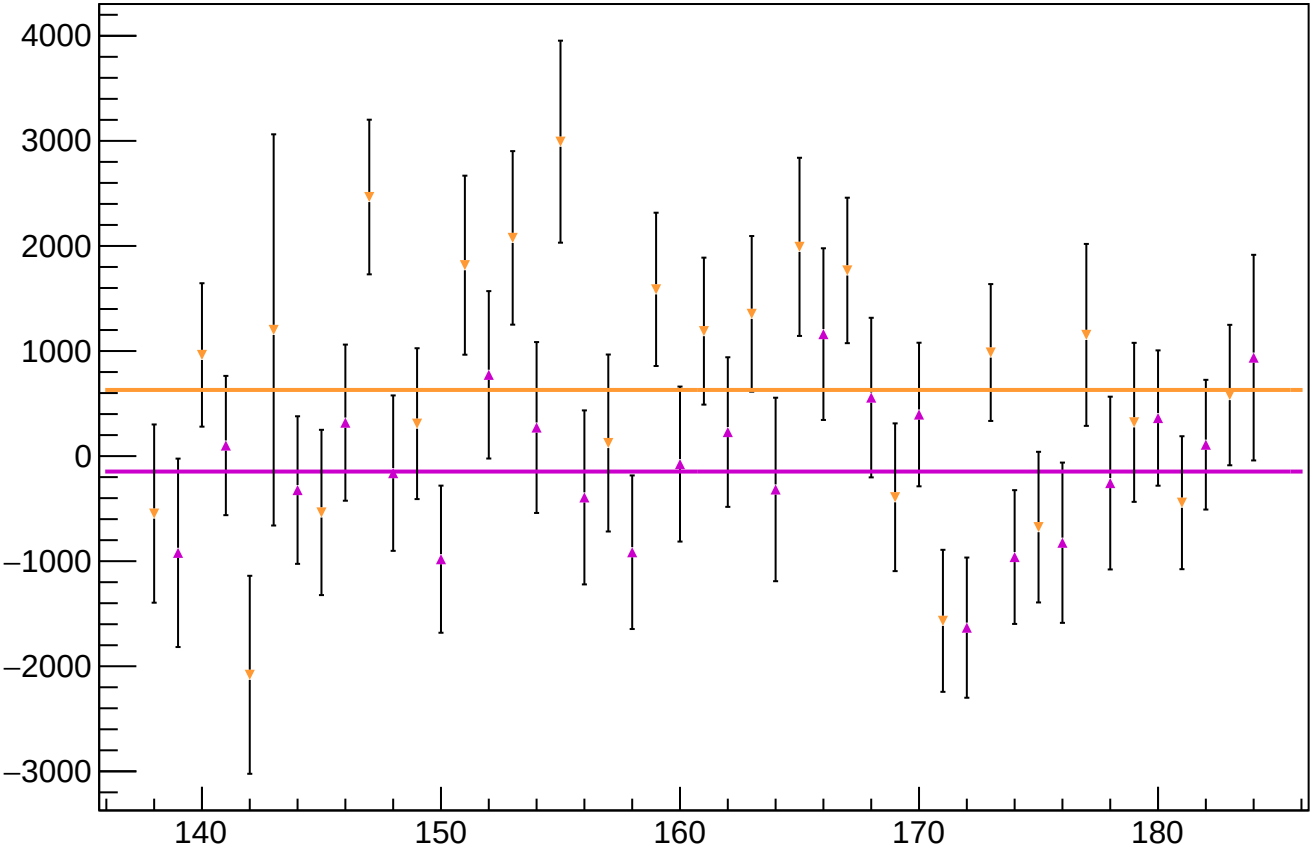
Right: 1326.657+/-0.259 χ^2/NDF: 998136.6/35

In: 1290.319+/-0.187 χ^2/NDF:678665.7/39

Out: 1296.533+/-0.185 χ^2/NDF:704021.2/42

All: 1293.460+/-0.131 χ^2/NDF: 1383245.6/82

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: 629.689+/-155.697 χ^2/NDF:58.9/23

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

Left In: -147.044+/-154.051 χ^2/NDF:19.4/22

Left: 237.195+/-109.508 χ^2/NDF: 90.8/46

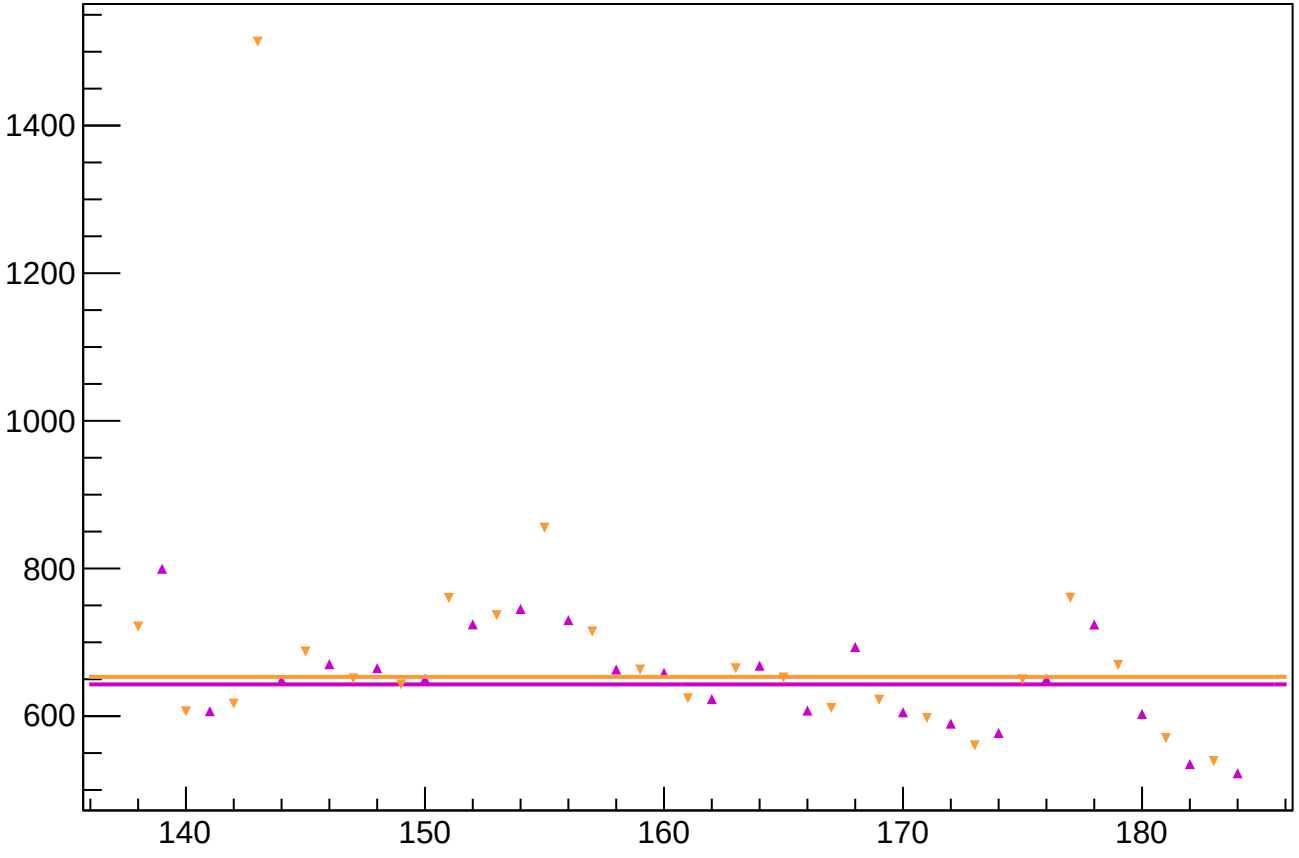
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -147.044+/-154.051 χ^2/NDF:19.4/22

Out: 629.689+/-155.697 χ^2/NDF:58.9/23

All: 237.195+/-109.508 χ^2/NDF: 90.8/46

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: 653.149+/-0.110 χ^2/NDF:801618.0/23

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

Left In: 643.008+/-0.109 χ^2/NDF:323844.6/22

Left: 648.025+/-0.077 χ^2/NDF: 1129749.7/46

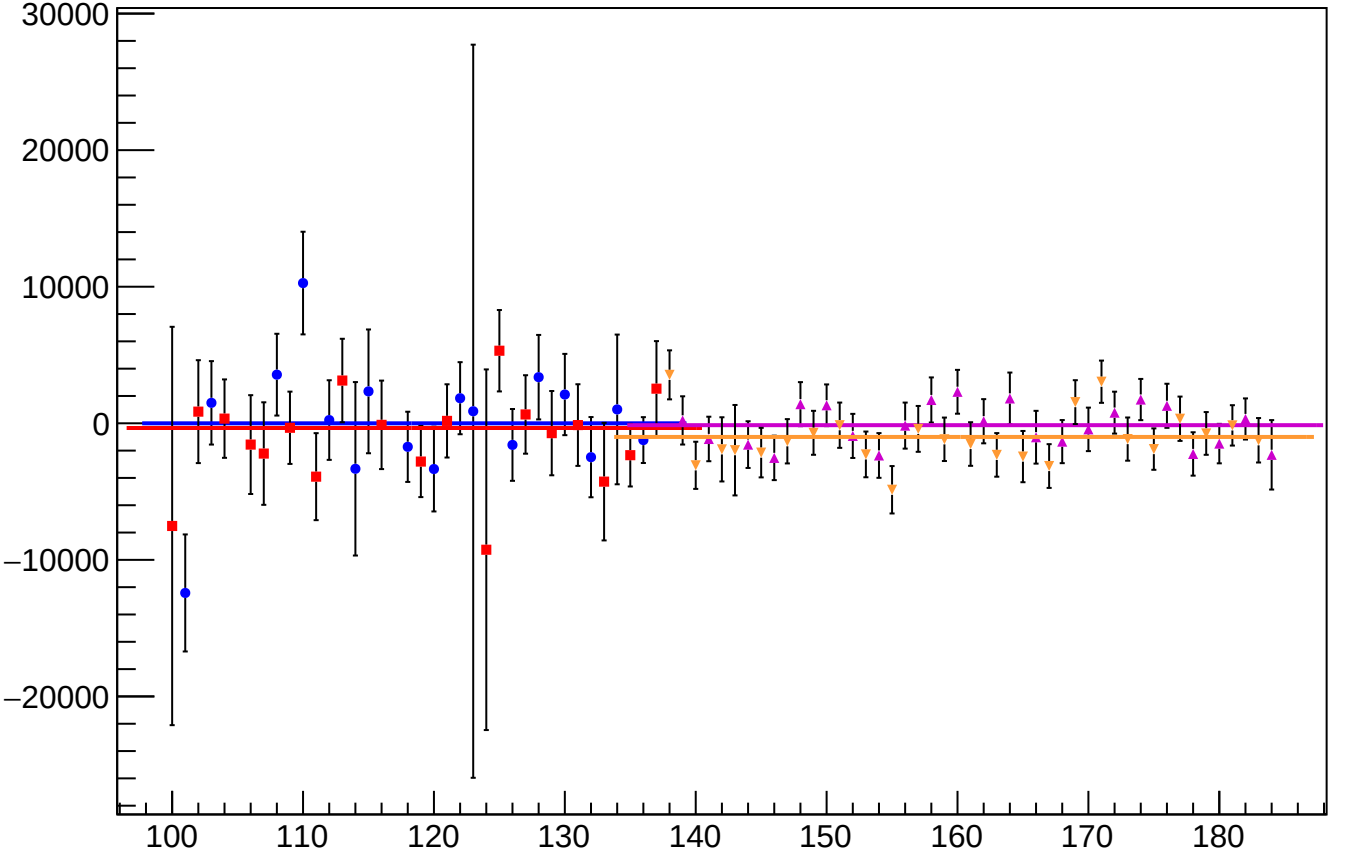
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 643.008+/-0.109 χ^2/NDF:323844.6/22

Out: 653.149+/-0.110 χ^2/NDF:801618.0/23

All: 648.025+/-0.077 χ^2/NDF: 1129749.7/46

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: -999.833+/-342.712 χ^2/NDF:28.4/23

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

Left In: -137.780+/-342.262 χ^2/NDF:18.8/22

Left: -568.239+/-242.175 χ^2/NDF: 50.4/46

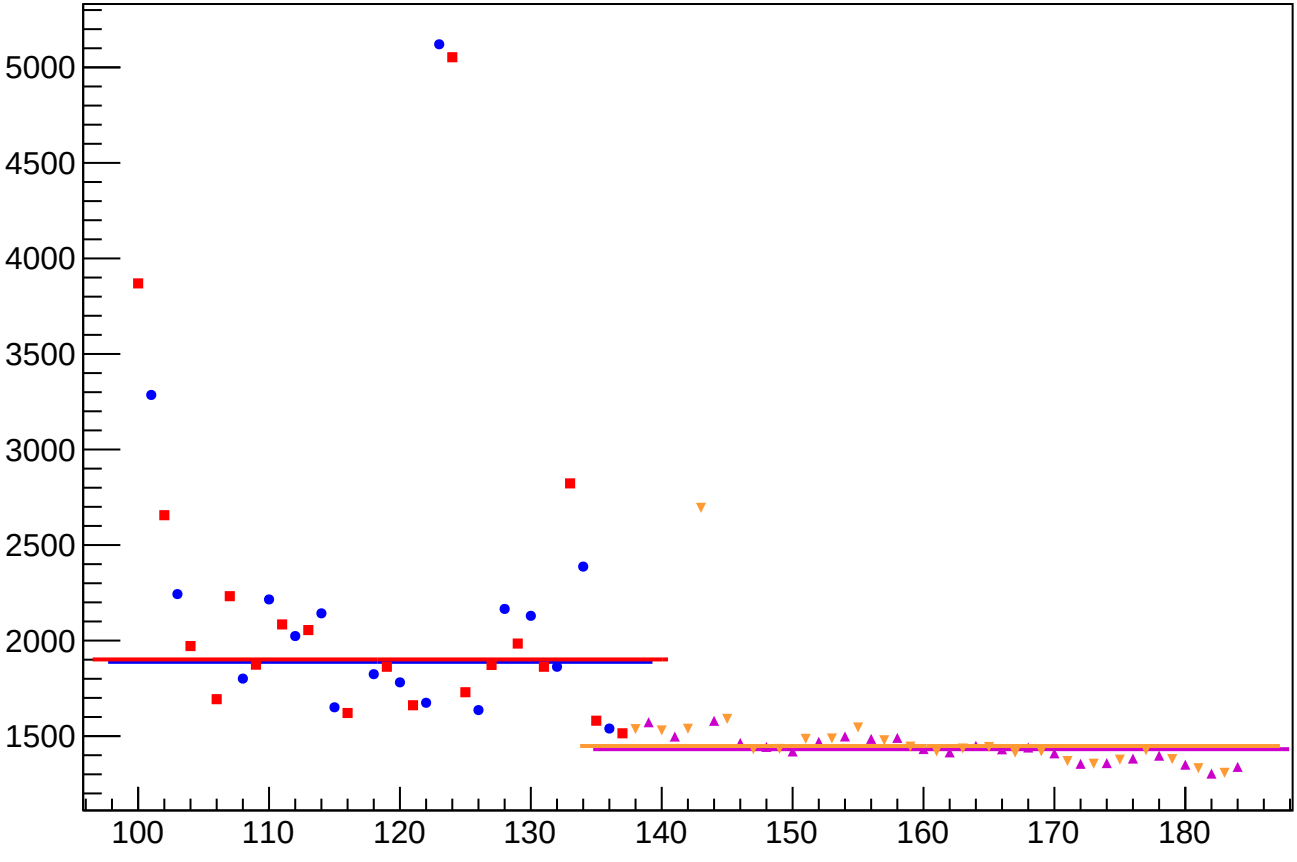
Right: -176.305+/-522.783 χ^2/NDF: 34.3/35

In: -114.155+/-311.015 χ^2/NDF:42.3/39

Out: -882.581+/-310.510 χ^2/NDF:39.8/42

All: -498.993+/-219.742 χ^2/NDF: 85.2/82

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: 1448.112+/-0.242 χ^2/NDF:367659.4/23

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

Left In: 1431.663+/-0.242 χ^2/NDF:77792.5/22

Left: 1439.877+/-0.171 χ^2/NDF: 447758.7/46

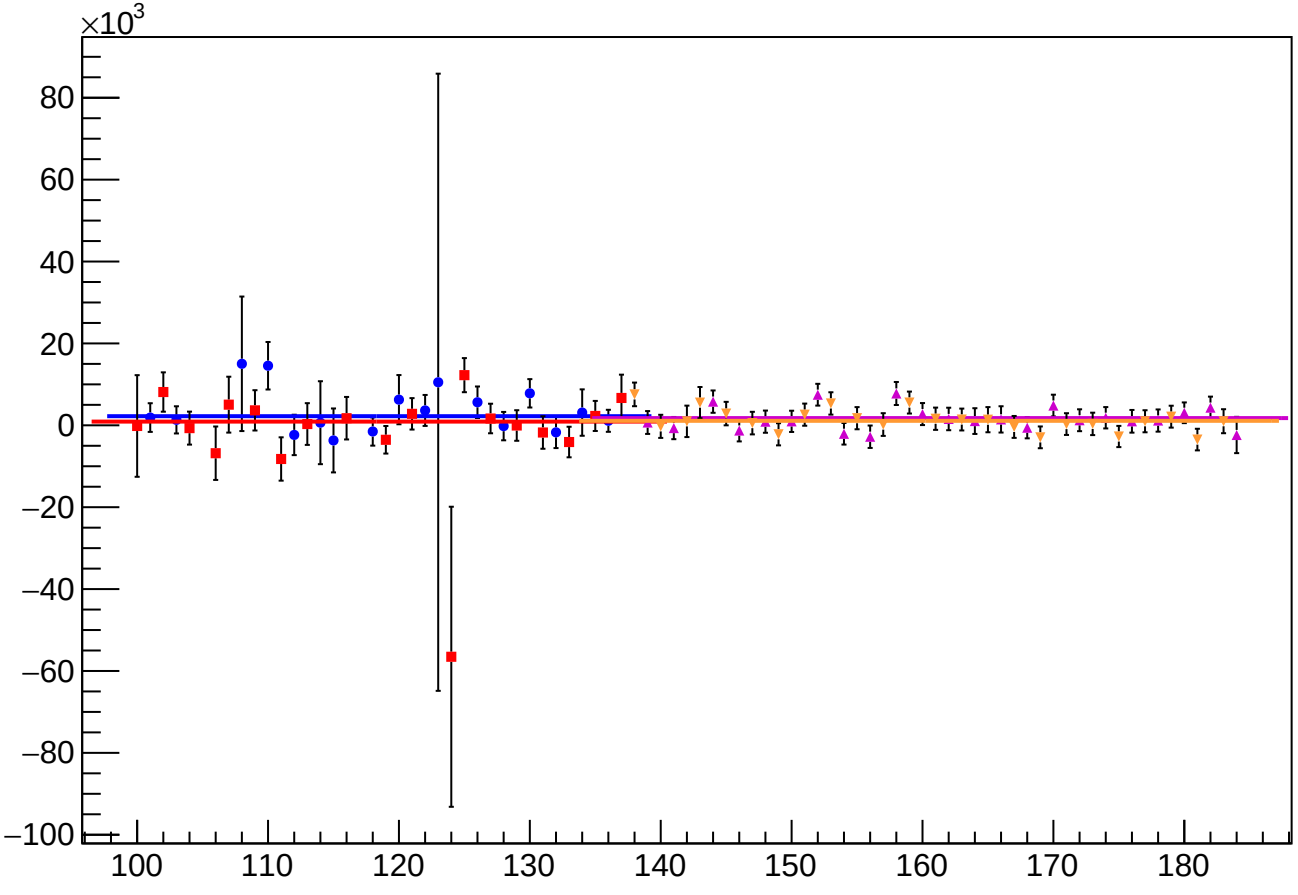
Right: 1895.125+/-0.370 χ^2/NDF: 927550.0/35

In: 1511.323+/-0.220 χ^2/NDF:1165377.8/39

Out: 1529.269+/-0.220 χ^2/NDF:1455301.2/42

All: 1520.311+/-0.155 χ^2/NDF: 2624014.0/82

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1096.936+/-570.371 χ^2/NDF:22.3/23

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

Left In: 1762.122+/-574.660 χ^2/NDF:23.2/22

Left: 1427.037+/-404.821 χ^2/NDF: 46.2/46

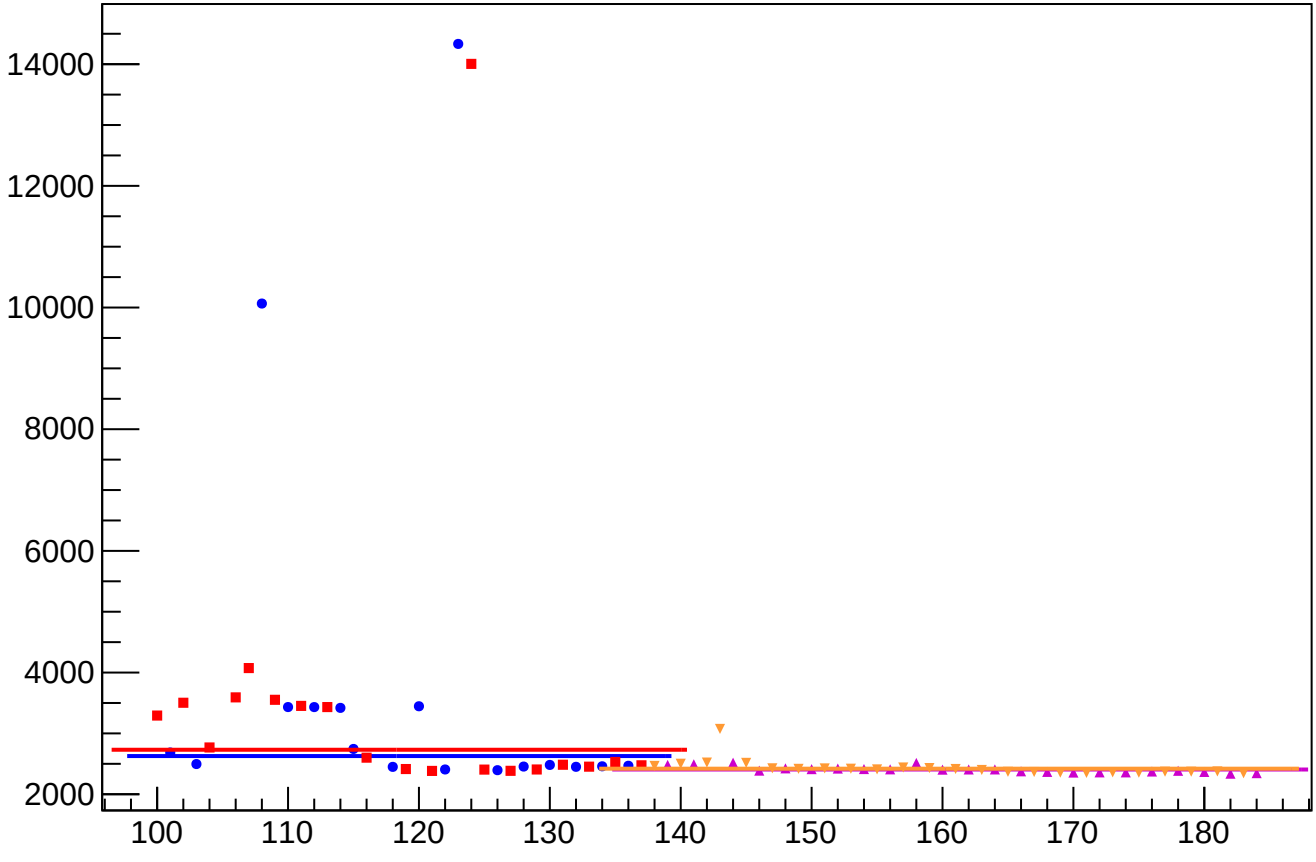
Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 1871.094+/-502.901 χ^2/NDF:36.9/39

Out: 1053.652+/-500.858 χ^2/NDF:45.3/42

All: 1460.709+/-354.880 χ^2/NDF: 83.5/82

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2420.009+/-0.403 χ^2/NDF:74321.6/23

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

Left In: 2406.443+/-0.406 χ^2/NDF:15245.2/22

Left: 2413.277+/-0.286 χ^2/NDF: 90128.2/46

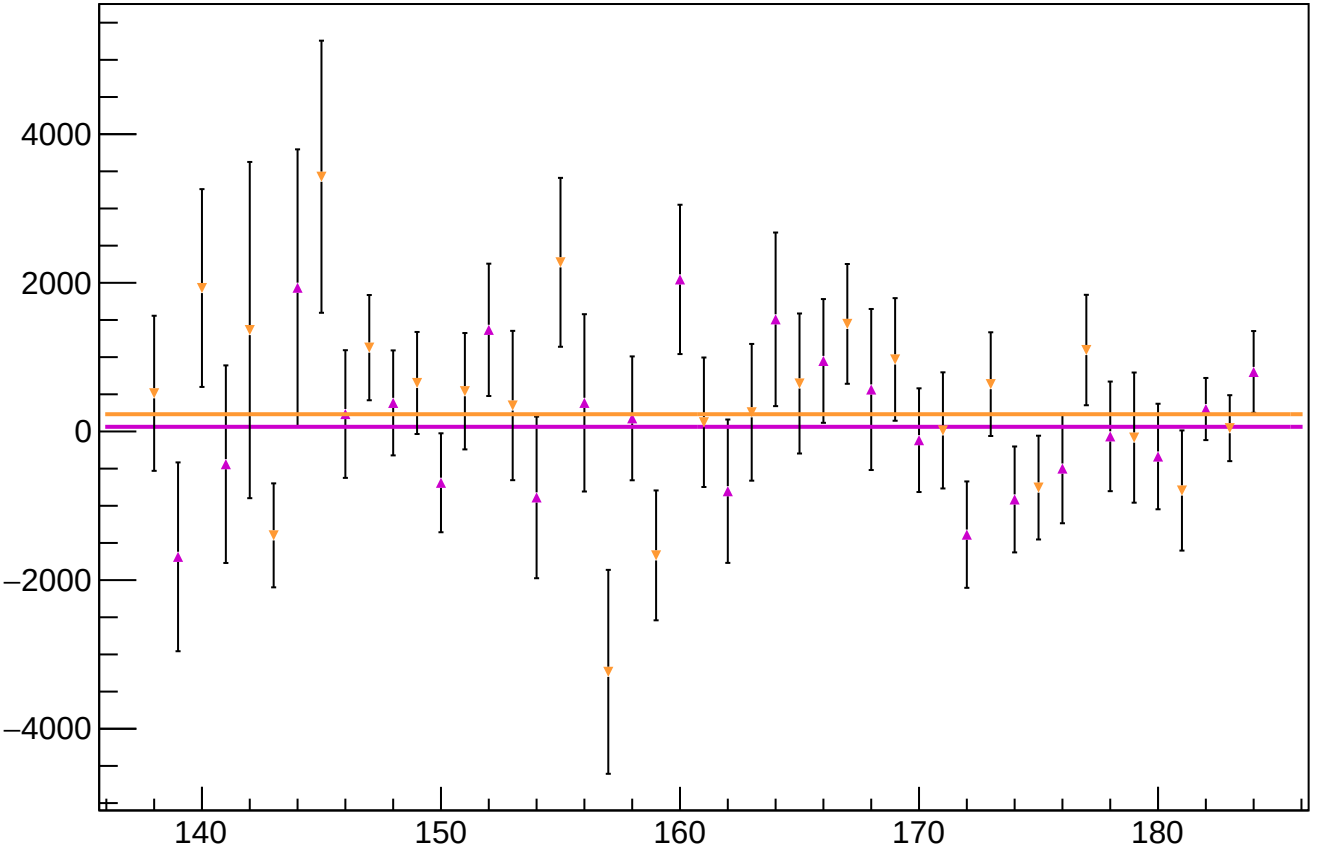
Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2458.220+/-0.356 χ^2/NDF:728982.0/39

Out: 2491.255+/-0.354 χ^2/NDF:808862.8/42

All: 2474.805+/-0.251 χ^2/NDF: 1542177.5/82

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 232.080+/-167.879 χ^2/NDF:35.9/23

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

Left In: 62.569+/-164.169 χ^2/NDF:24.3/22

Left: 145.431+/-117.375 χ^2/NDF: 60.7/46

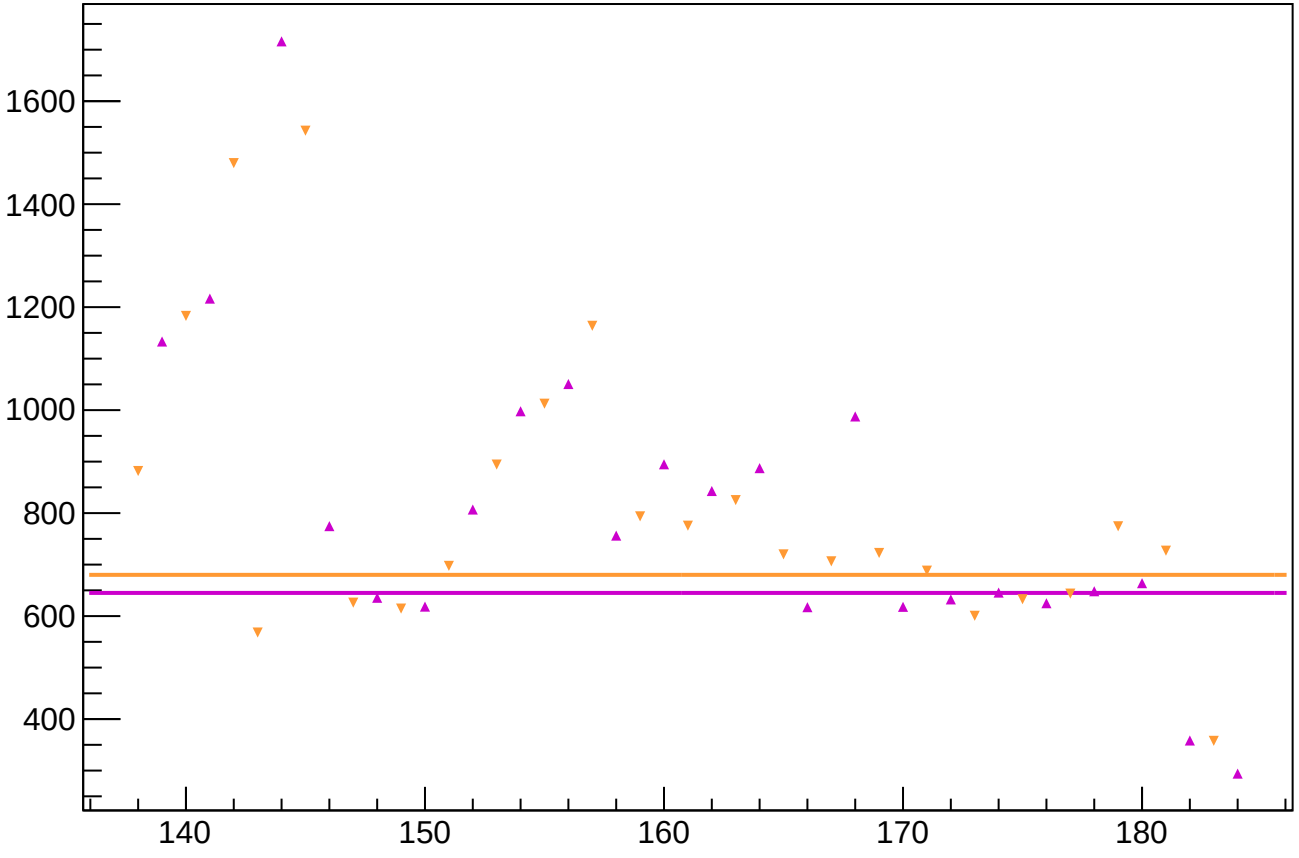
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.569+/-164.169 χ^2/NDF:24.3/22

Out: 232.080+/-167.879 χ^2/NDF:35.9/23

All: 145.431+/-117.375 χ^2/NDF: 60.7/46

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 680.110+/-0.119 χ^2/NDF:2891608.2/23

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

Left In: 645.011+/-0.116 χ^2/NDF:4176295.6/22

Left: 662.168+/-0.083 χ^2/NDF: 7112590.4/46

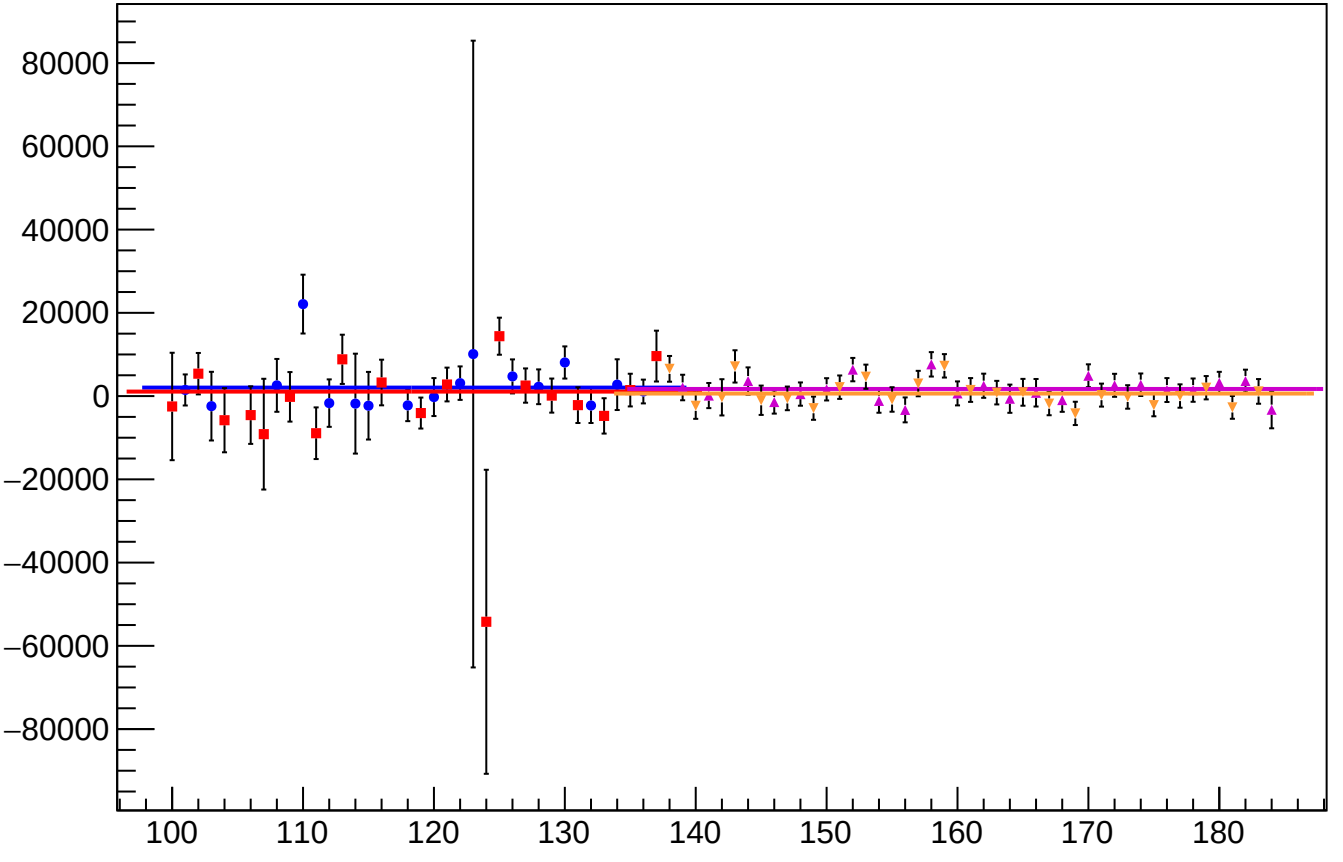
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 645.011+/-0.116 χ^2/NDF:4176295.6/22

Out: 680.110+/-0.119 χ^2/NDF:2891608.2/23

All: 662.168+/-0.083 χ^2/NDF: 7112590.4/46

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 612.061+/-603.087 χ^2/NDF:24.8/23

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

Left In: 1713.317+/-607.775 χ^2/NDF:18.1/22

Left: 1158.425+/-428.095 χ^2/NDF: 44.5/46

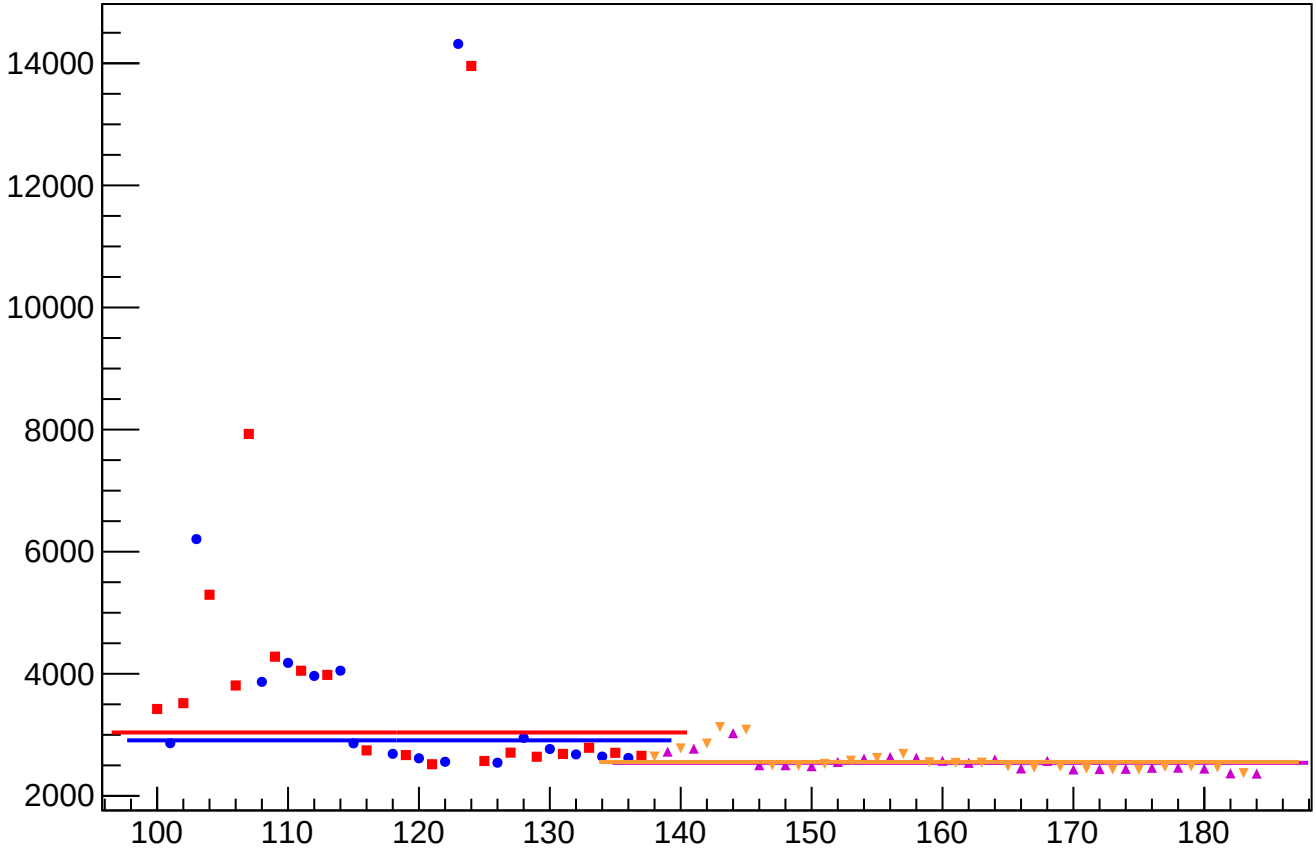
Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1784.026+/-537.491 χ^2/NDF:33.0/39

Out: 708.140+/-537.638 χ^2/NDF:50.3/42

All: 1246.229+/-380.116 χ^2/NDF: 85.2/82

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2556.006+/-0.426 χ^2/NDF:145482.7/23

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

Left In: 2541.950+/-0.430 χ^2/NDF:97238.4/22

Left: 2549.032+/-0.303 χ^2/NDF: 243260.1/46

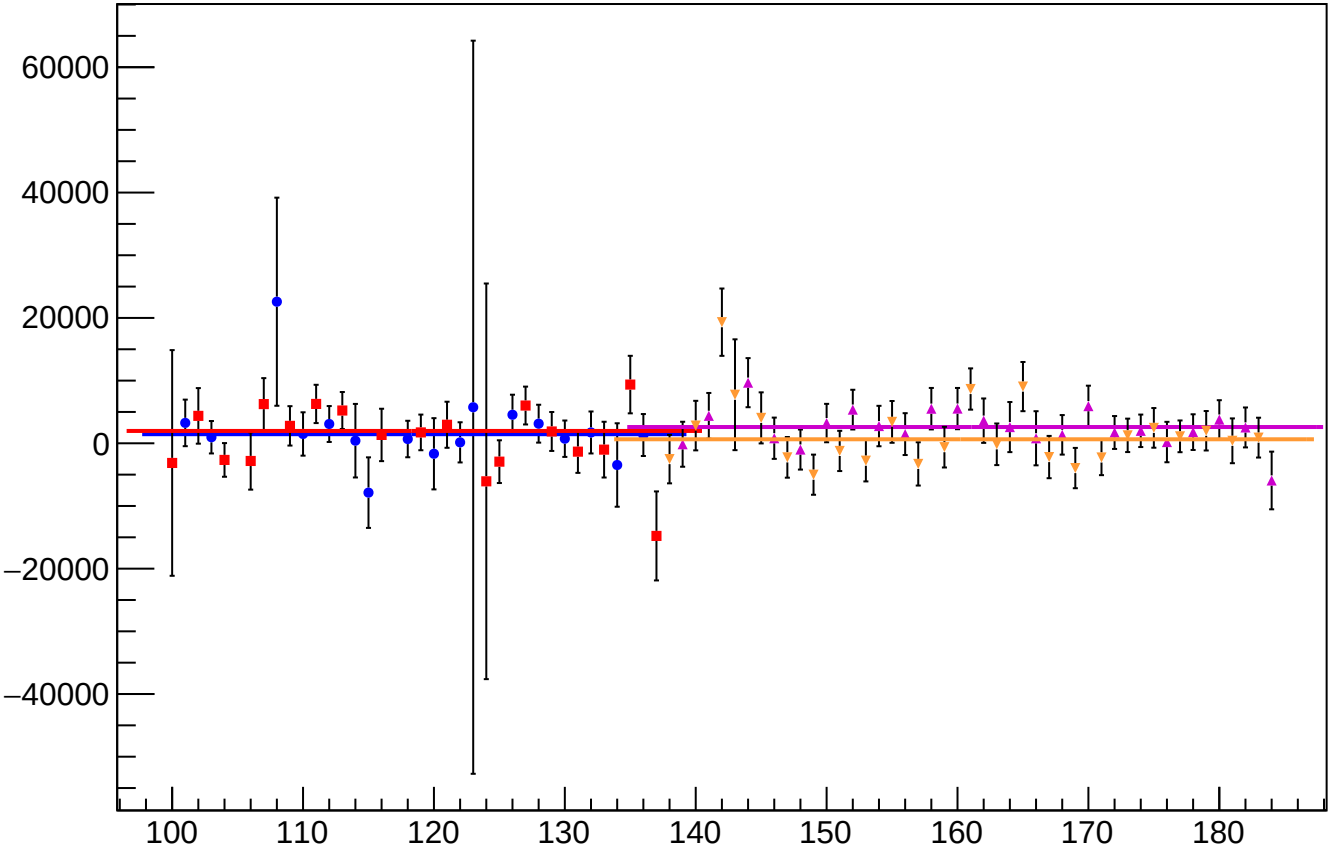
Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2622.093+/-0.380 χ^2/NDF:898722.0/39

Out: 2655.173+/-0.380 χ^2/NDF:1420234.0/42

All: 2638.629+/-0.269 χ^2/NDF: 2322742.8/82

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 640.017+/-686.564 χ^2/NDF:36.9/23

Right Out: 1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: 2595.551+/-683.824 χ^2/NDF:14.0/22

Left: 1621.694+/-484.503 χ^2/NDF: 54.9/46

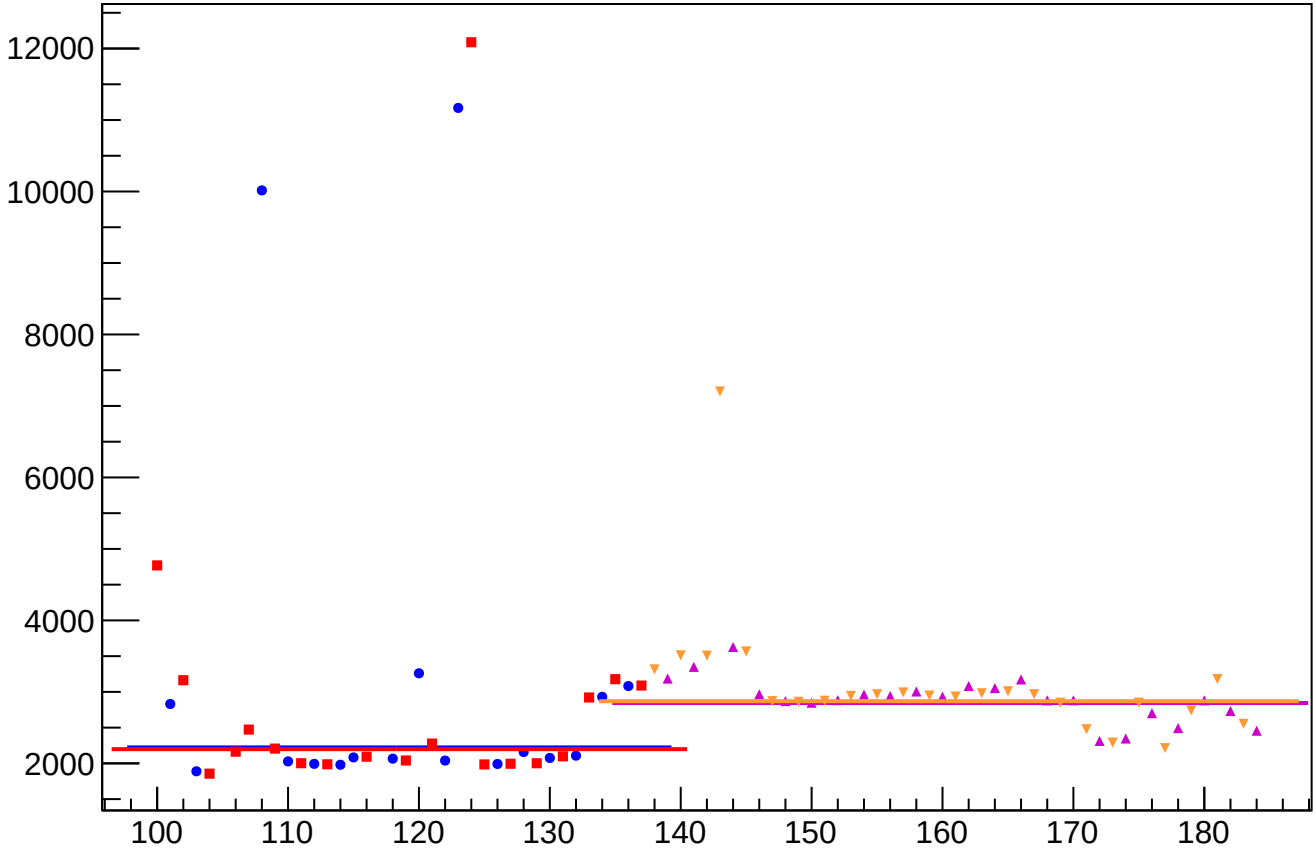
Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 2170.454+/-542.024 χ^2/NDF:22.4/39

Out: 1164.439+/-534.220 χ^2/NDF:60.7/42

All: 1660.152+/-380.480 χ^2/NDF: 84.9/82

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 2869.814+/-0.485 χ^2/NDF:966012.9/23

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 2844.779+/-0.484 χ^2/NDF:383776.8/22

Left: 2857.246+/-0.343 χ^2/NDF: 1351124.7/46

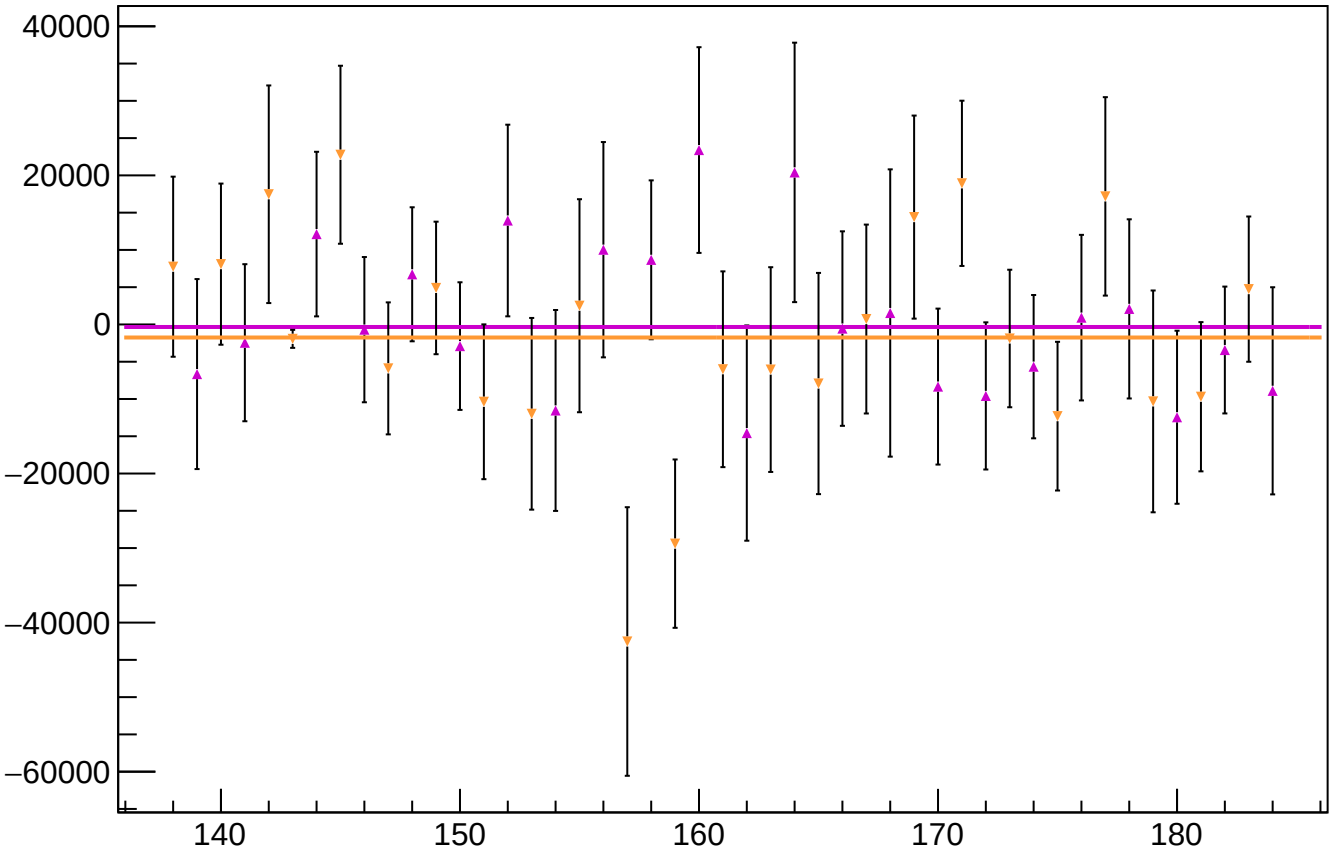
Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2613.695+/-0.383 χ^2/NDF:1848470.4/39

Out: 2604.817+/-0.378 χ^2/NDF:2322942.4/42

All: 2609.190+/-0.269 χ^2/NDF: 4171685.1/82

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1750.986+/-1080.814 χ^2/NDF:30.6/23

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

Left In: -339.260+/-2365.986 χ^2/NDF:14.2/22

Left: -1507.251+/-983.095 χ^2/NDF: 45.1/46

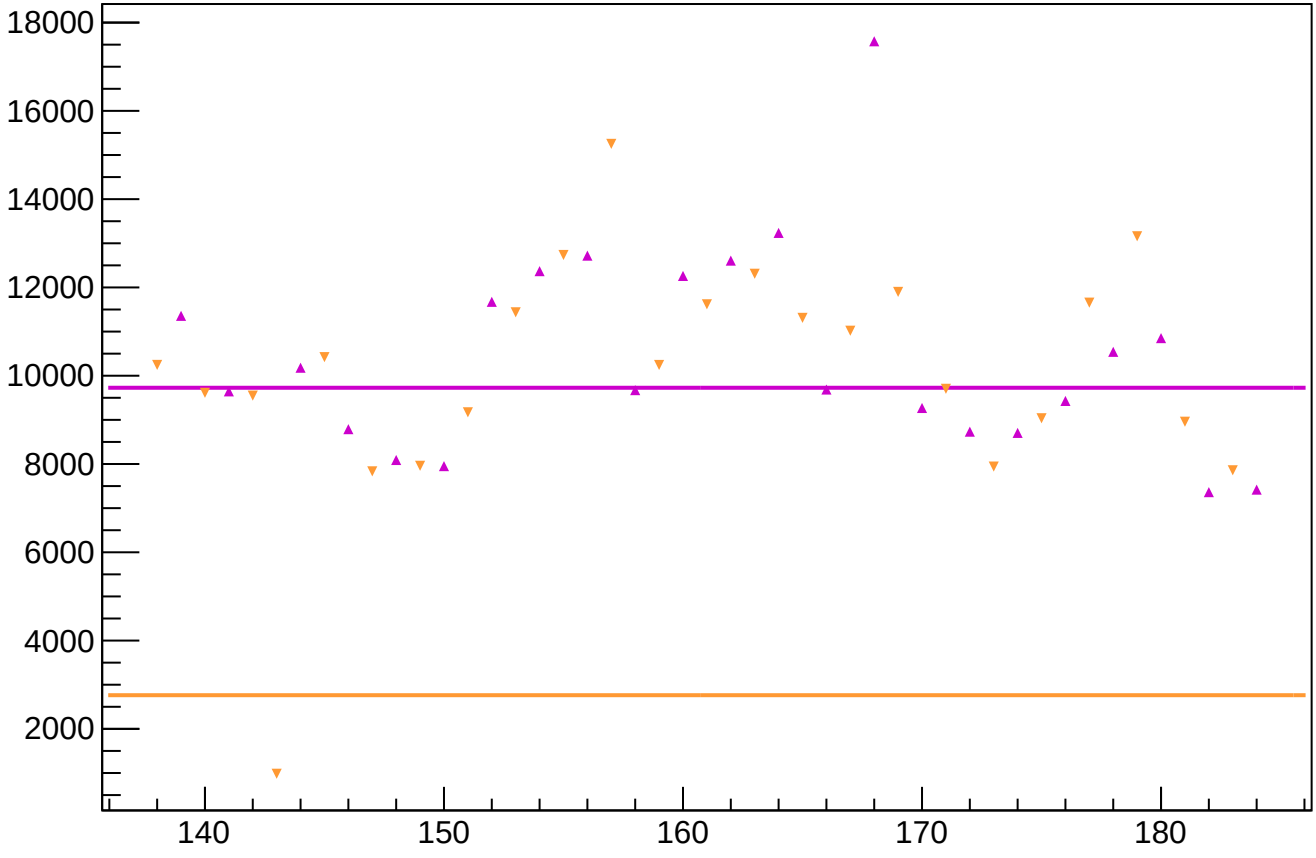
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -339.260+/-2365.986 χ^2/NDF:14.2/22

Out: -1750.986+/-1080.814 χ^2/NDF:30.6/23

All: -1507.251+/-983.095 χ^2/NDF: 45.1/46

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2762.494+/-0.764 χ^2/NDF:22661584.5/23

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

Left In: 9727.255+/-1.673 χ^2/NDF:1261406.7/22

Left: 3964.961+/-0.695 χ^2/NDF: 38261609.6/46

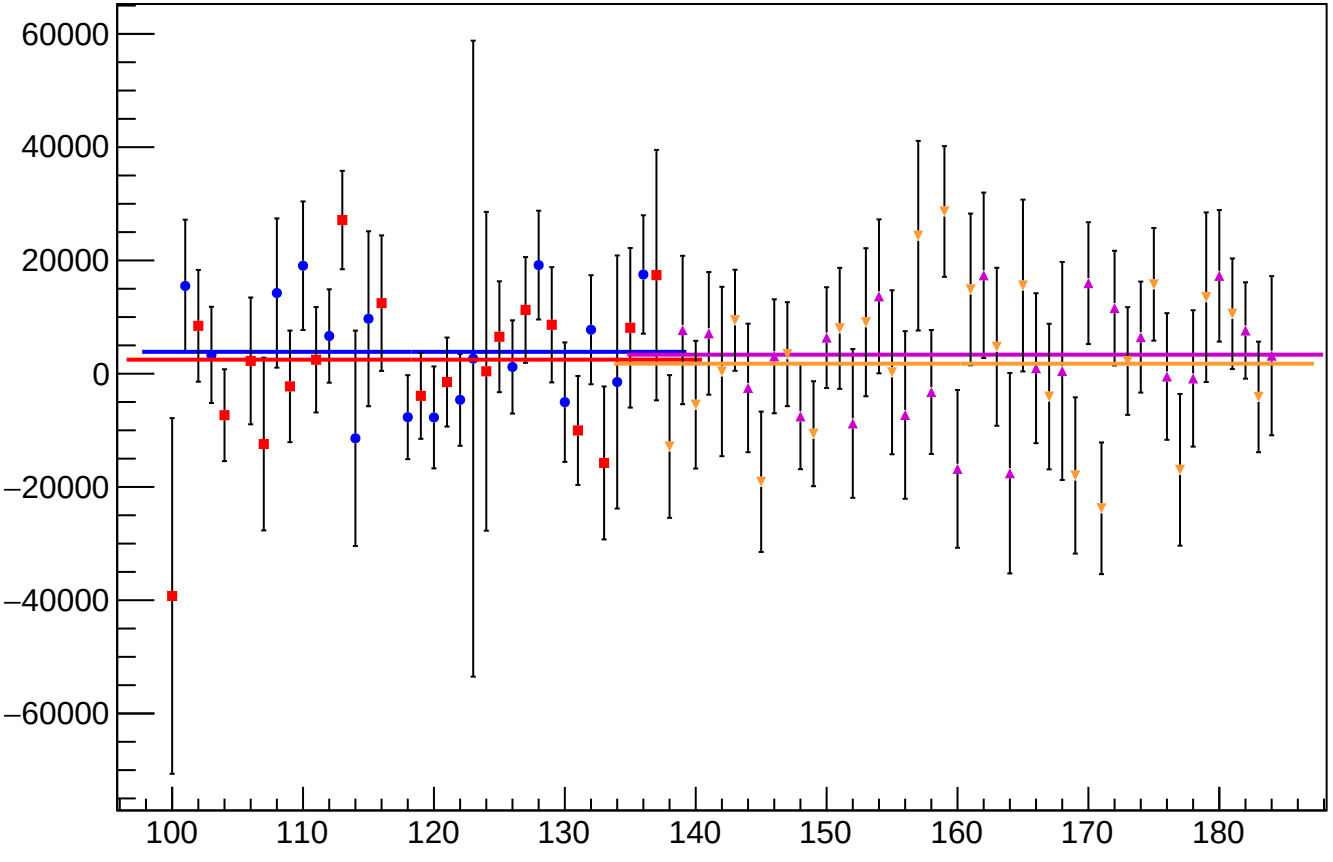
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9727.255+/-1.673 χ^2/NDF:1261406.7/22

Out: 2762.494+/-0.764 χ^2/NDF:22661584.5/23

All: 3964.961+/-0.695 χ^2/NDF: 38261609.6/4

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: 1768.987+/-2372.739 χ^2/NDF:29.7/23

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: 3362.489+/-2413.842 χ^2/NDF:12.8/22

Left: 2552.055+/-1692.125 χ^2/NDF: 42.8/46

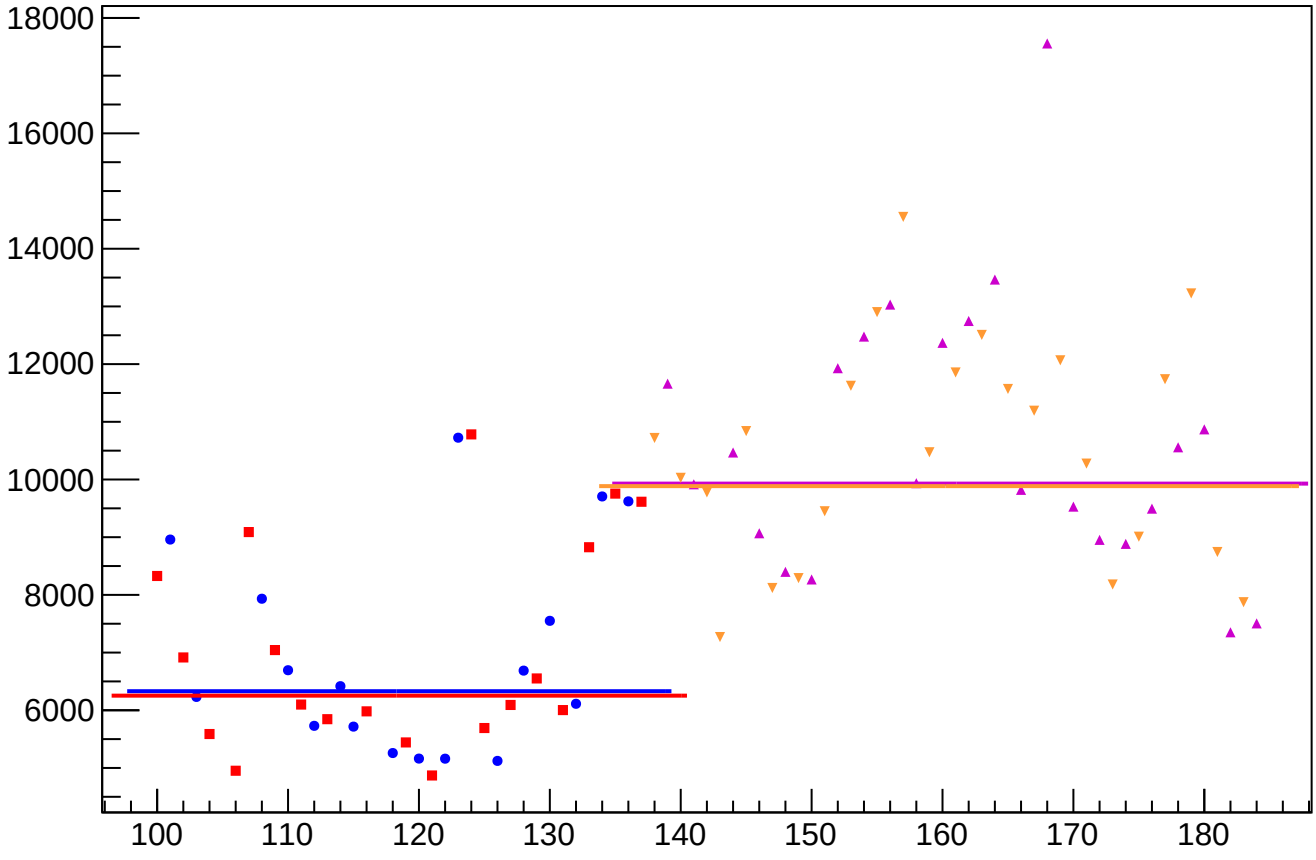
Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 3601.588+/-1739.440 χ^2/NDF:27.6/39

Out: 2118.723+/-1694.691 χ^2/NDF:49.8/42

All: 2840.837+/-1213.839 χ^2/NDF: 77.8/82

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 9885.057+/-1.678 χ^2/NDF:1153615.3/23

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

Left In: 9928.662+/-1.707 χ^2/NDF:1220804.9/22

Left: 9906.485+/-1.197 χ^2/NDF: 2374752.1/46

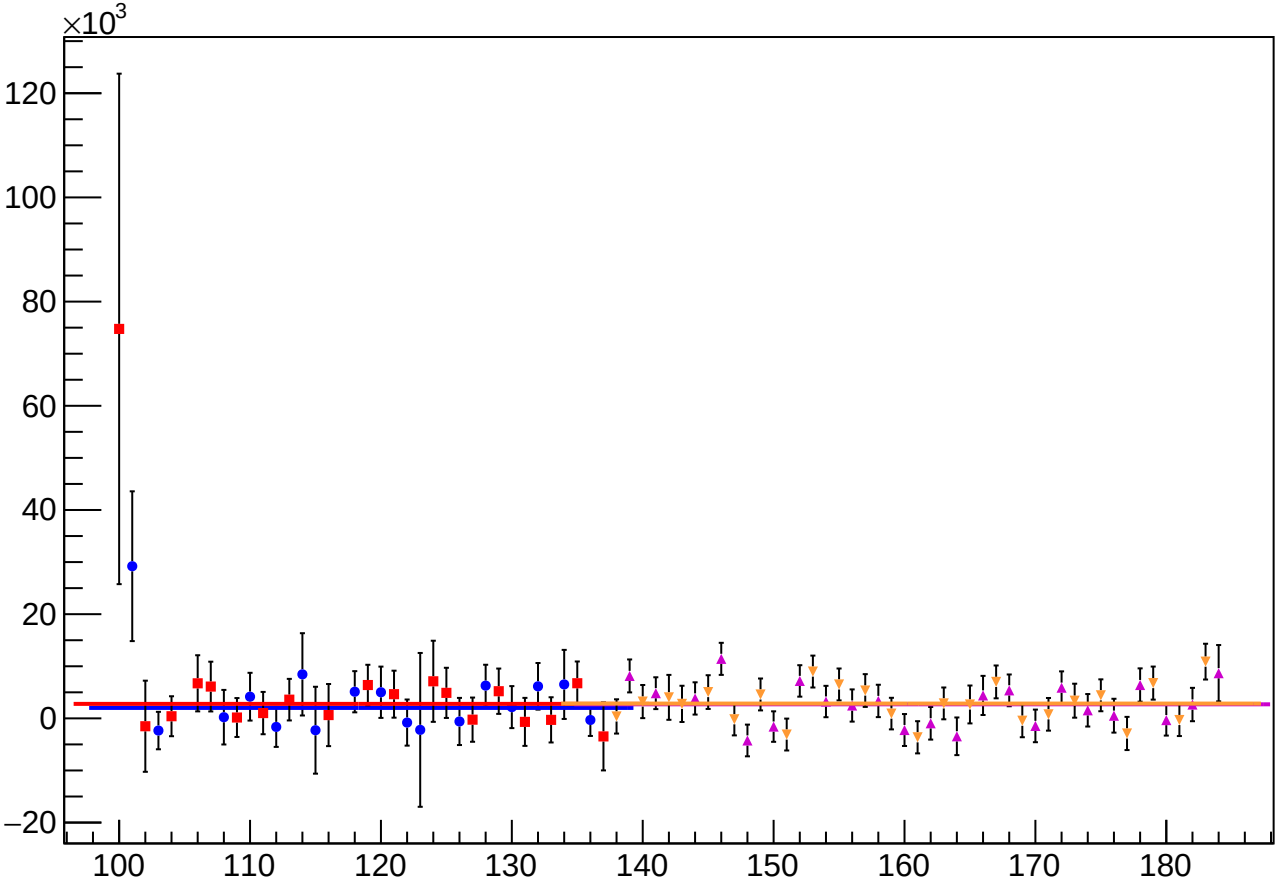
Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 8198.843+/-1.230 χ^2/NDF:3950779.8/39

Out: 8105.901+/-1.198 χ^2/NDF:3984365.5/42

All: 8151.160+/-0.858 χ^2/NDF: 7938074.7/82

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 2839.909+/-653.308 χ^2/NDF:31.9/23

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 2697.794+/-662.544 χ^2/NDF:36.1/22

Left: 2769.849+/-465.190 χ^2/NDF: 68.0/46

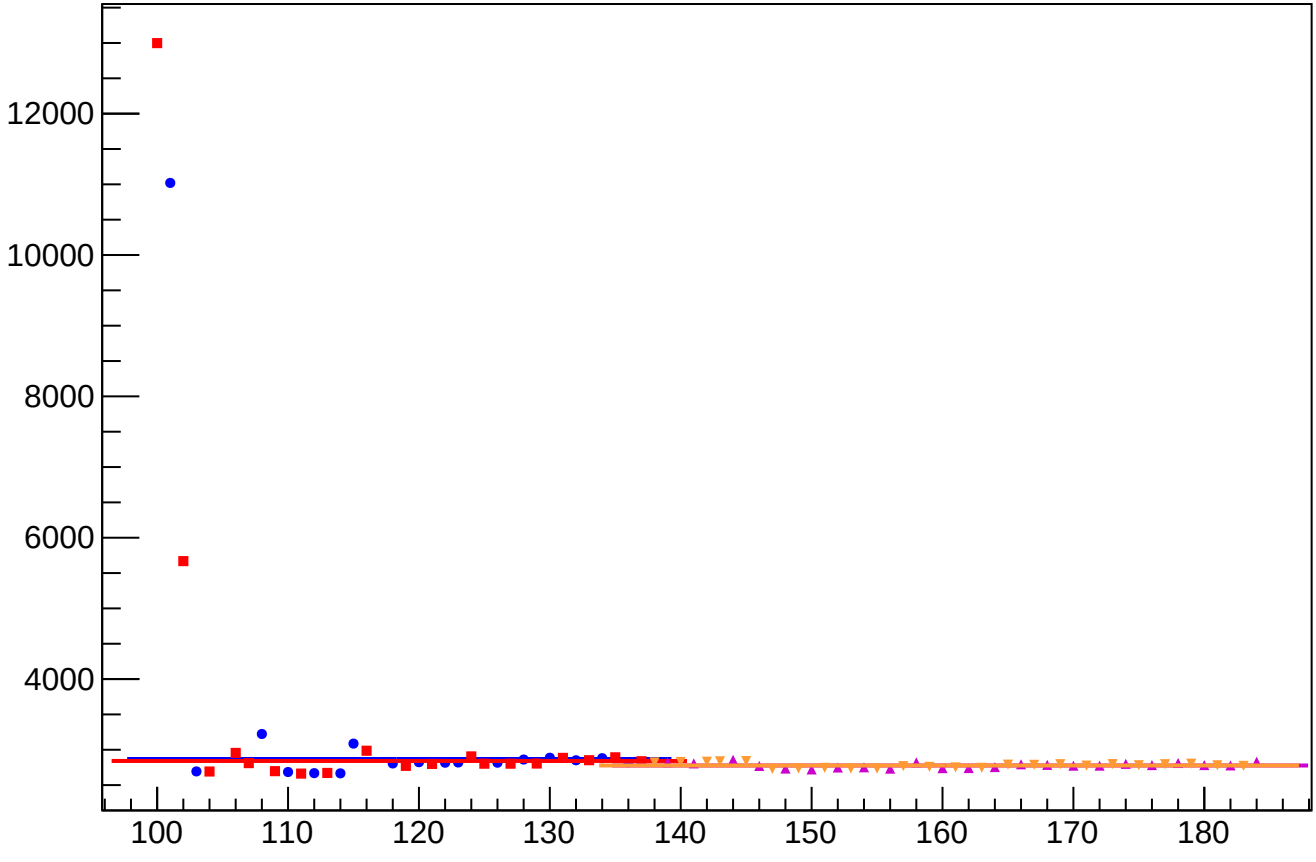
Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 2521.642+/-572.093 χ^2/NDF:48.4/39

Out: 2824.261+/-559.841 χ^2/NDF:41.8/42

All: 2676.226+/-400.129 χ^2/NDF: 90.4/82

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2777.621+/-0.462 χ^2/NDF:5243.1/23

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2777.355+/-0.468 χ^2/NDF:5488.7/22

Left: 2777.490+/-0.329 χ^2/NDF: 10732.0/46

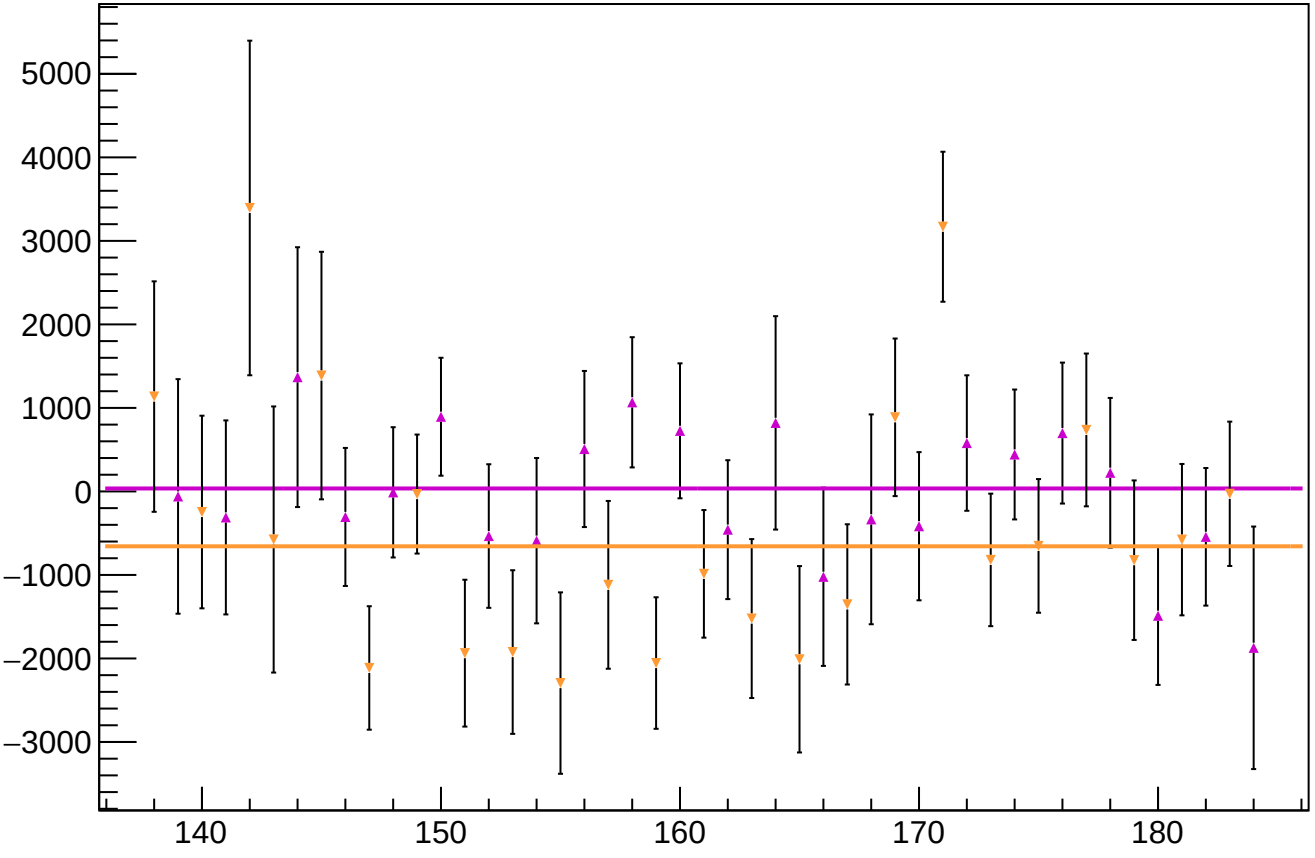
Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2800.720+/-0.405 χ^2/NDF:685166.2/39

Out: 2794.608+/-0.396 χ^2/NDF:322855.6/42

All: 2797.598+/-0.283 χ^2/NDF: 1008138.4/82

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -656.940+/-192.338 χ^2/NDF:48.7/23

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

Left In: 35.366+/-190.553 χ^2/NDF:15.1/22

Left: -307.560+/-135.368 χ^2/NDF: 70.3/46

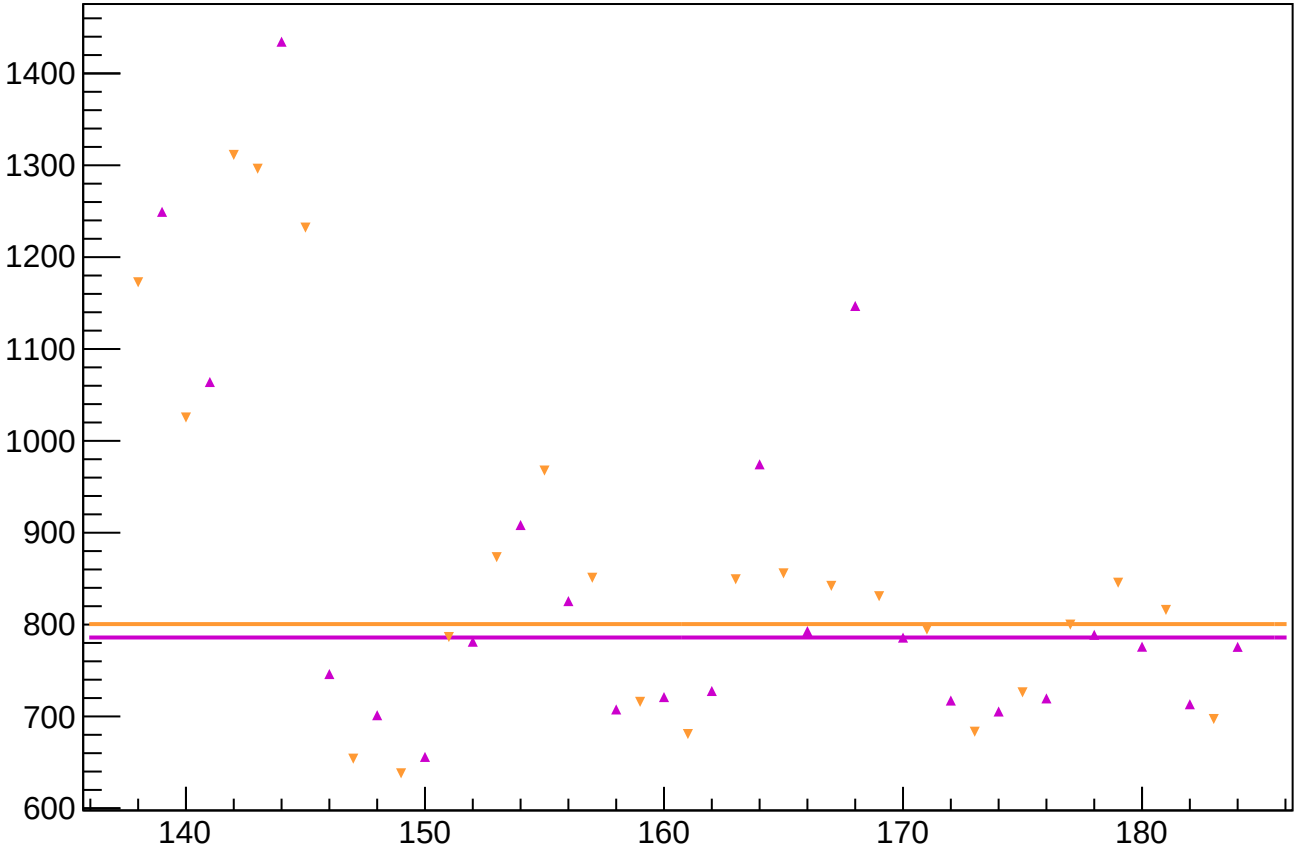
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 35.366+/-190.553 χ^2/NDF:15.1/22

Out: -656.940+/-192.338 χ^2/NDF:48.7/23

All: -307.560+/-135.368 χ^2/NDF: 70.3/46

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 800.525+/-0.136 χ^2/NDF:1144055.2/23

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

Left In: 785.928+/-0.135 χ^2/NDF:1126027.7/22

Left: 793.159+/-0.096 χ^2/NDF: 2275896.8/46

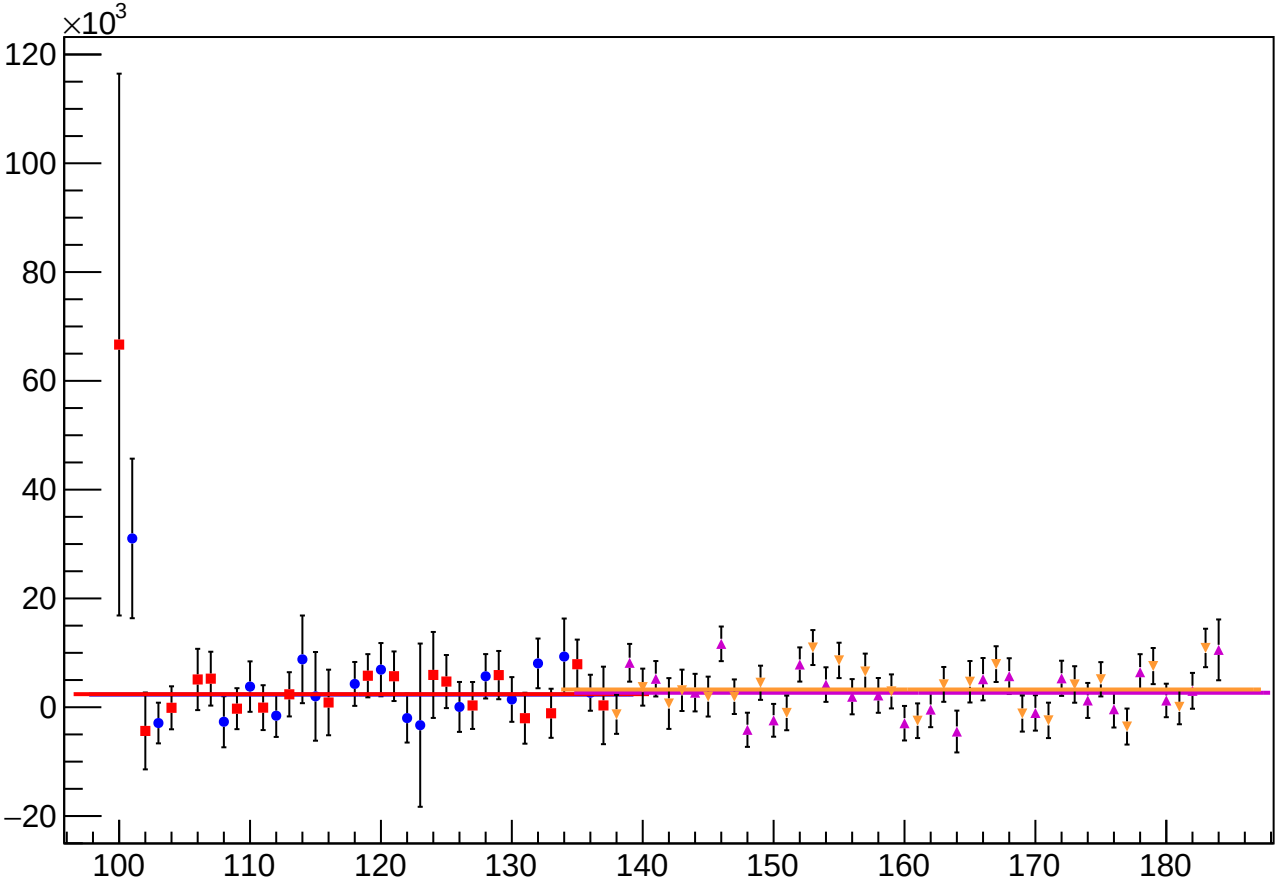
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 785.928+/-0.135 χ^2/NDF:1126027.7/22

Out: 800.525+/-0.136 χ^2/NDF:1144055.2/23

All: 793.159+/-0.096 χ^2/NDF: 2275896.8/46

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 3260.560+/-685.077 χ^2/NDF:36.1/23

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 2659.828+/-693.121 χ^2/NDF:36.9/22

Left: 2963.700+/-487.242 χ^2/NDF: 73.3/46

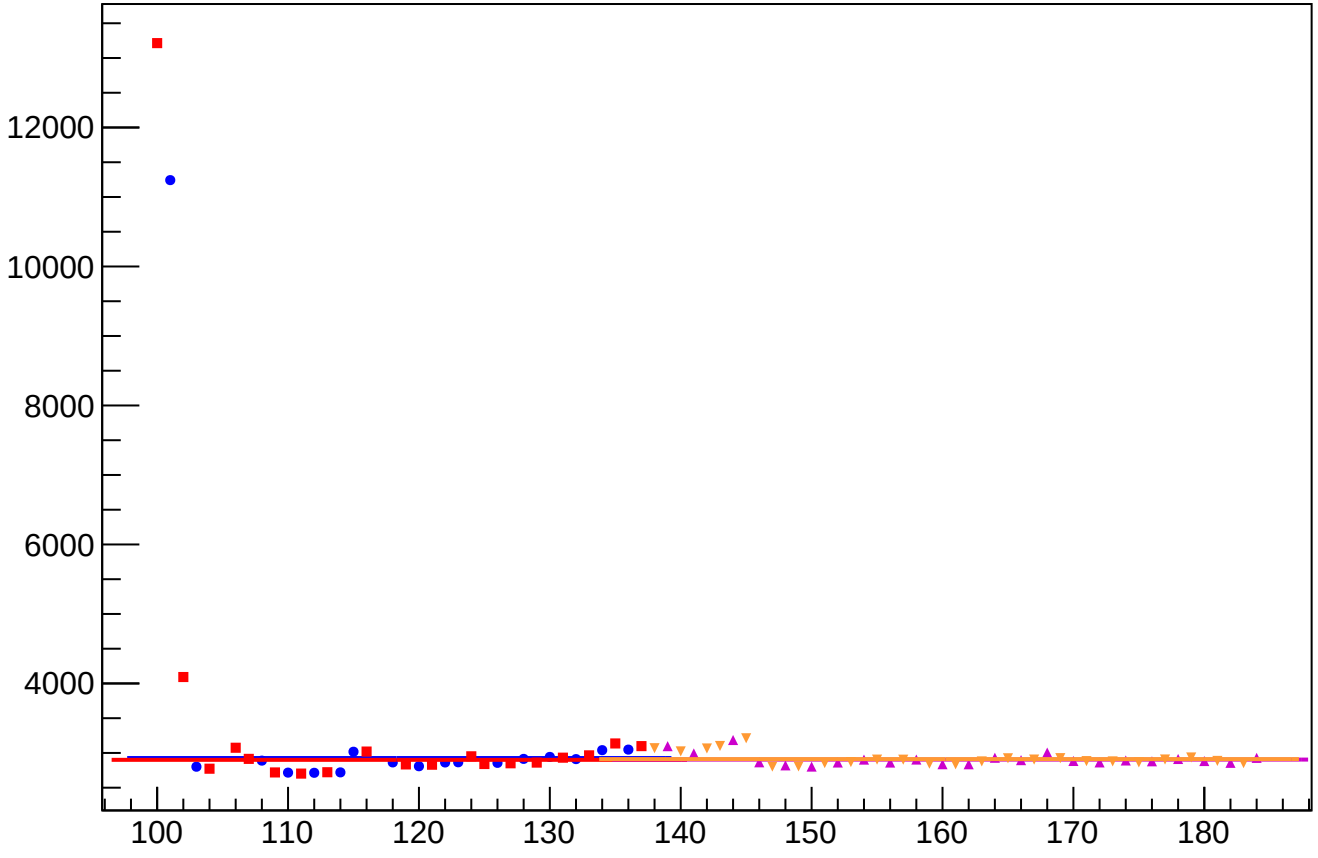
Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 2572.706+/-594.530 χ^2/NDF:51.4/39

Out: 3024.242+/-582.995 χ^2/NDF:46.5/42

All: 2802.897+/-416.258 χ^2/NDF: 98.2/82

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 2911.217+/-0.484 χ^2/NDF:35859.8/23

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 2904.499+/-0.490 χ^2/NDF:30423.1/22

Left: 2907.897+/-0.345 χ^2/NDF: 66377.9/46

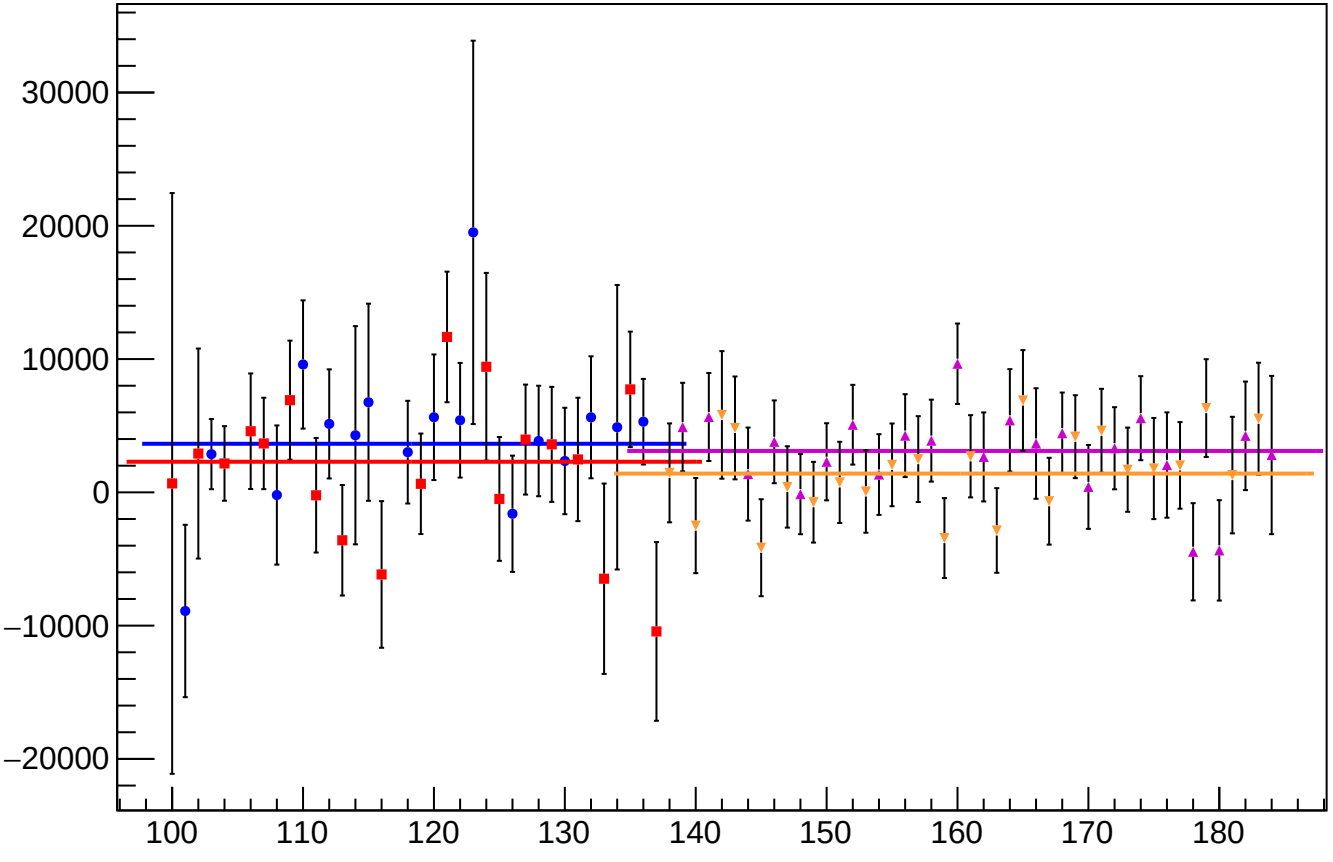
Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2910.342+/-0.420 χ^2/NDF:693755.3/39

Out: 2908.351+/-0.412 χ^2/NDF:205853.3/42

All: 2909.327+/-0.294 χ^2/NDF: 899620.0/82

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 1408.071+/-690.357 χ^2/NDF:17.9/23

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 3106.878+/-695.685 χ^2/NDF:18.4/22

Left: 2250.944+/-490.029 χ^2/NDF: 39.3/46

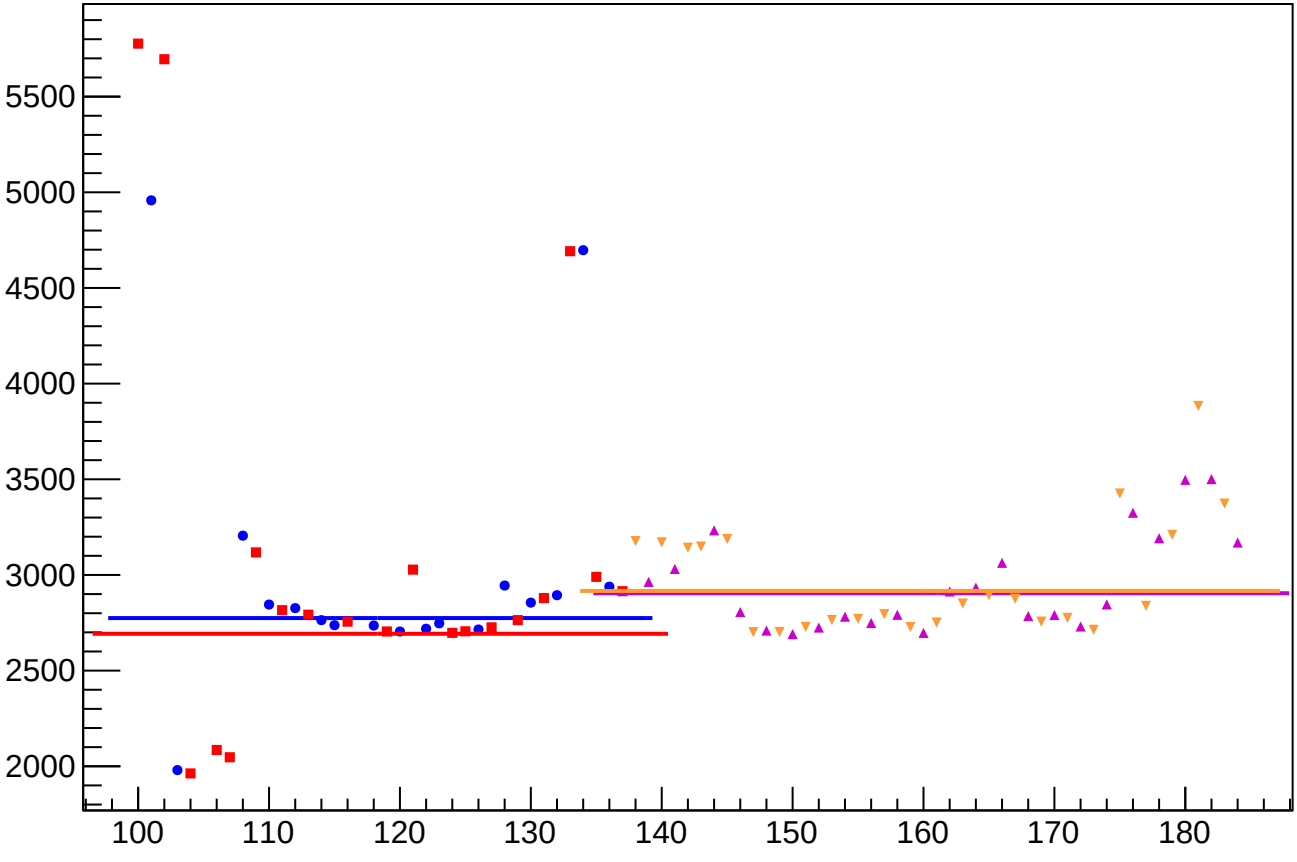
Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3262.412+/-586.654 χ^2/NDF:28.4/39

Out: 1677.134+/-576.323 χ^2/NDF:36.8/42

All: 2455.692+/-411.126 χ^2/NDF: 69.0/82

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2916.489+/-0.488 χ^2/NDF:286245.1/23

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

Left: 2910.527+/-0.347 χ^2/NDF: 504124.6/46

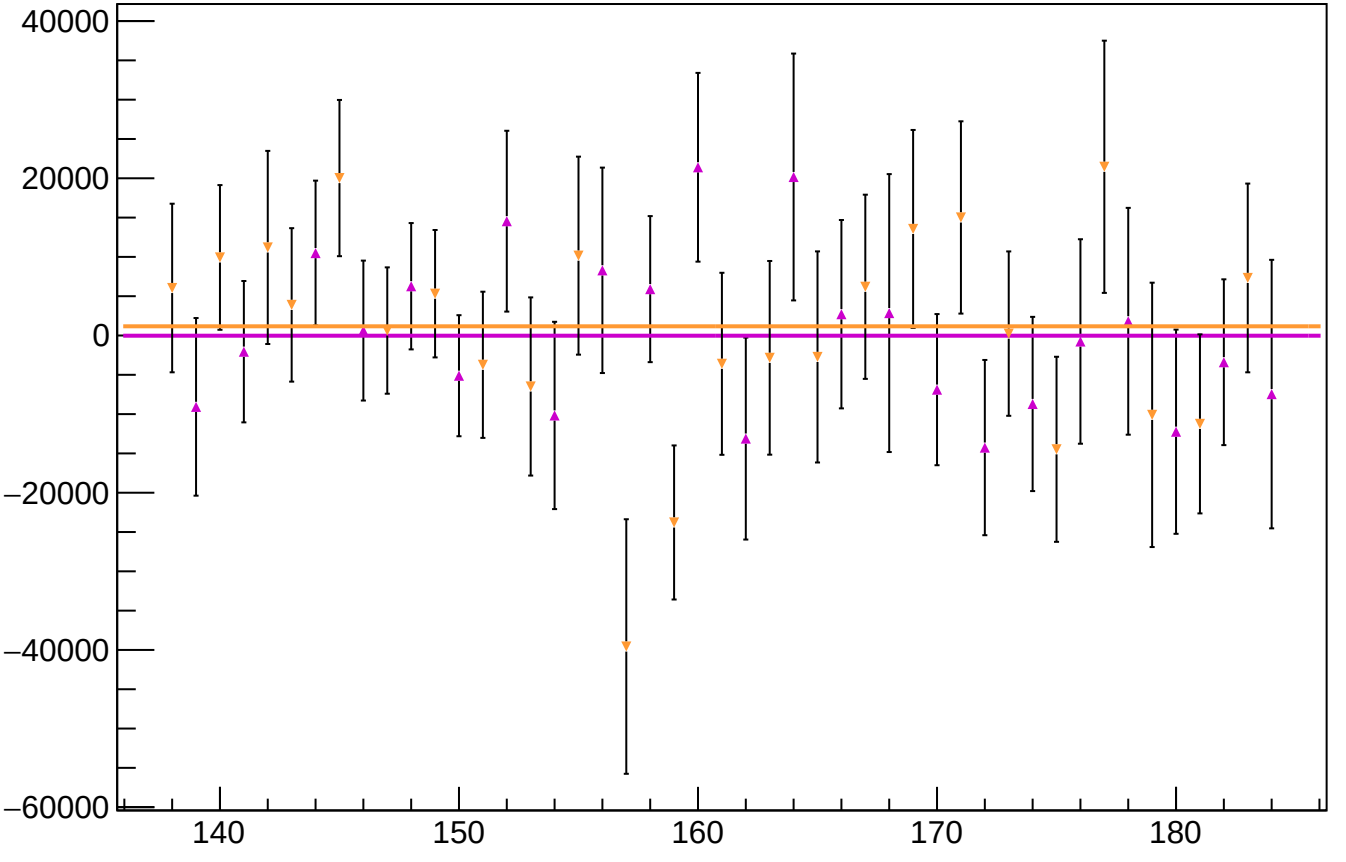
Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2866.959+/-0.415 χ^2/NDF:739389.2/39

Out: 2848.575+/-0.407 χ^2/NDF:1130345.8/42

All: 2857.603+/-0.291 χ^2/NDF: 1870734.5/82

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 1170.409+/-2255.075 χ^2/NDF:27.8/23

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

Left In: -25.729+/-2280.428 χ^2/NDF:16.1/22

Left: 579.026+/-1603.467 χ^2/NDF: 44.1/46

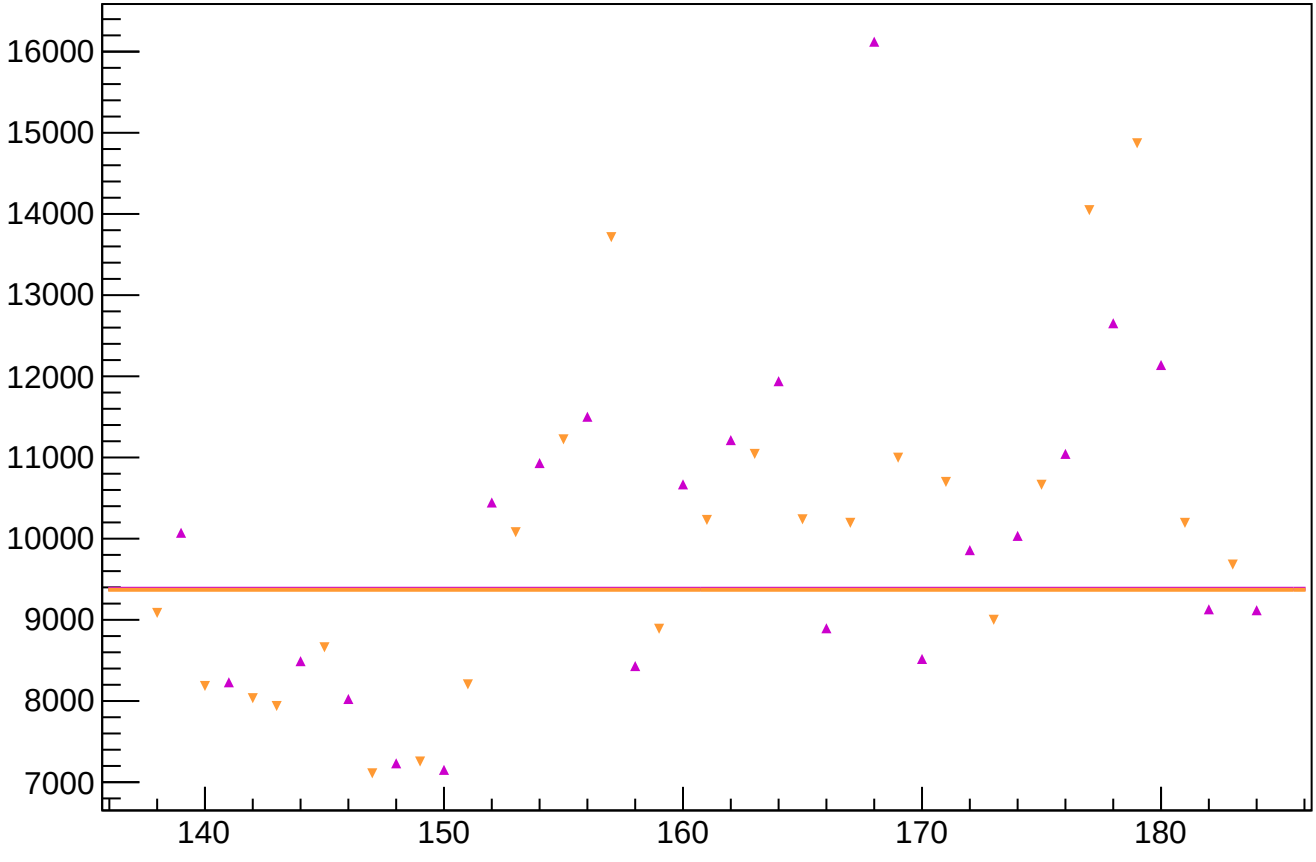
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.729+/-2280.428 χ^2/NDF:16.1/22

Out: 1170.409+/-2255.075 χ^2/NDF:27.8/23

All: 579.026+/-1603.467 χ^2/NDF: 44.1/46

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 9370.473+/-1.595 χ^2/NDF:1182955.9/23

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

Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

Left: 9376.532+/-1.134 χ^2/NDF: 2388633.9/46

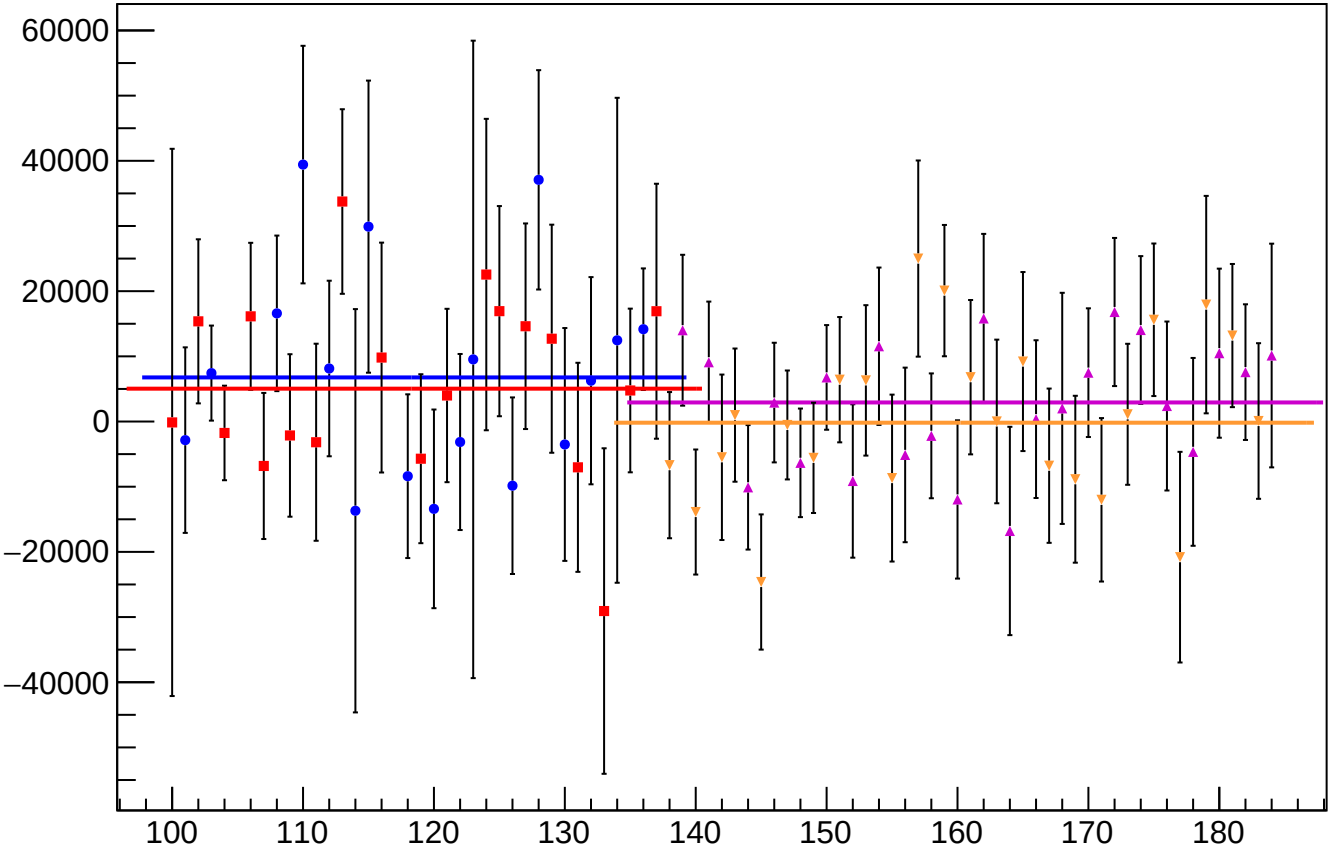
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

Out: 9370.473+/-1.595 χ^2/NDF:1182955.9/23

All: 9376.532+/-1.134 χ^2/NDF: 2388633.9/46

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -180.687+/-2307.304 χ^2/NDF:25.2/23

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 2925.533+/-2330.587 χ^2/NDF:14.6/22

Left: 1356.830+/-1639.680 χ^2/NDF: 40.7/46

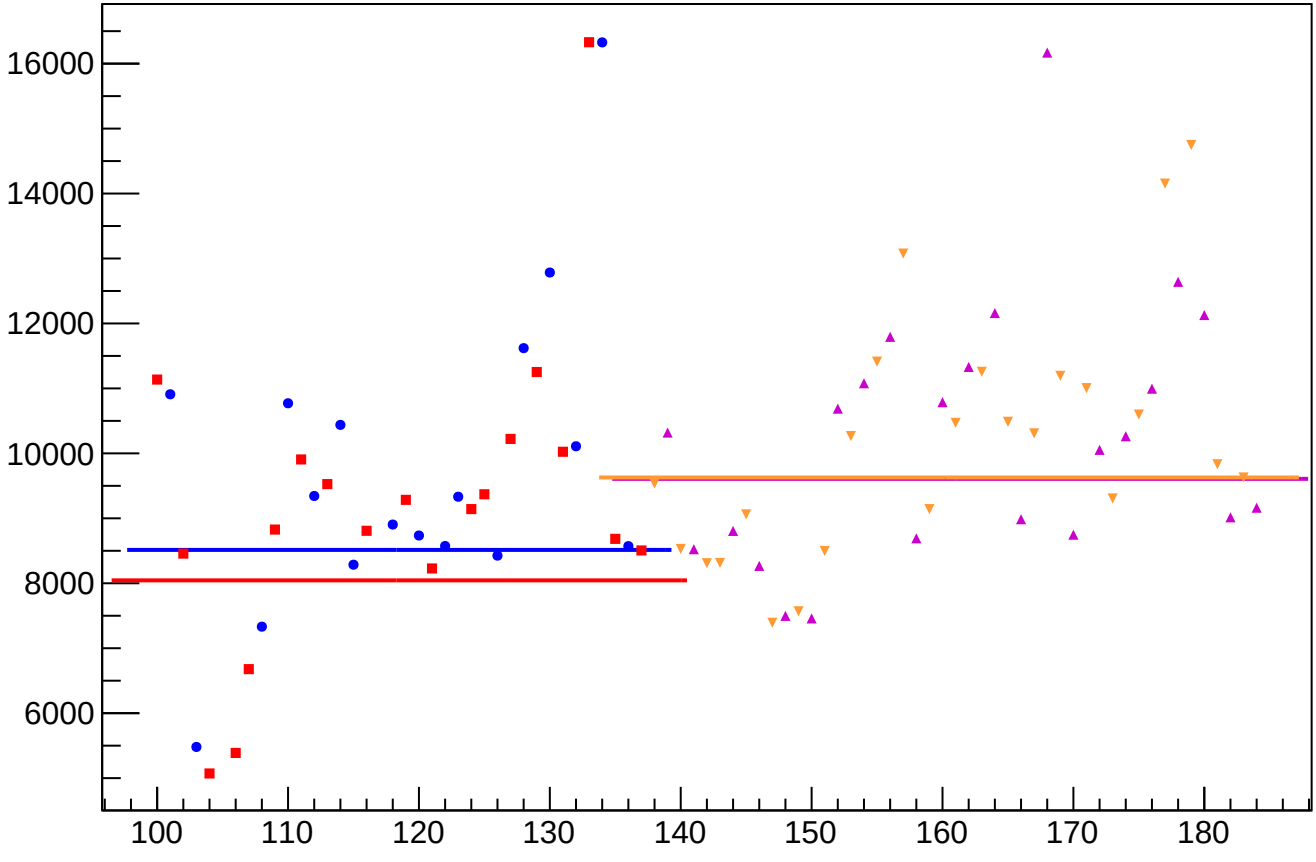
Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 4159.986+/-1919.991 χ^2/NDF:30.8/39

Out: 1629.561+/-1864.996 χ^2/NDF:40.6/42

All: 2858.015+/-1337.771 χ^2/NDF: 72.3/82

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 9628.784+/-1.632 χ^2/NDF:1004617.3/23

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

Left: 9618.275+/-1.159 χ^2/NDF: 2090166.8/46

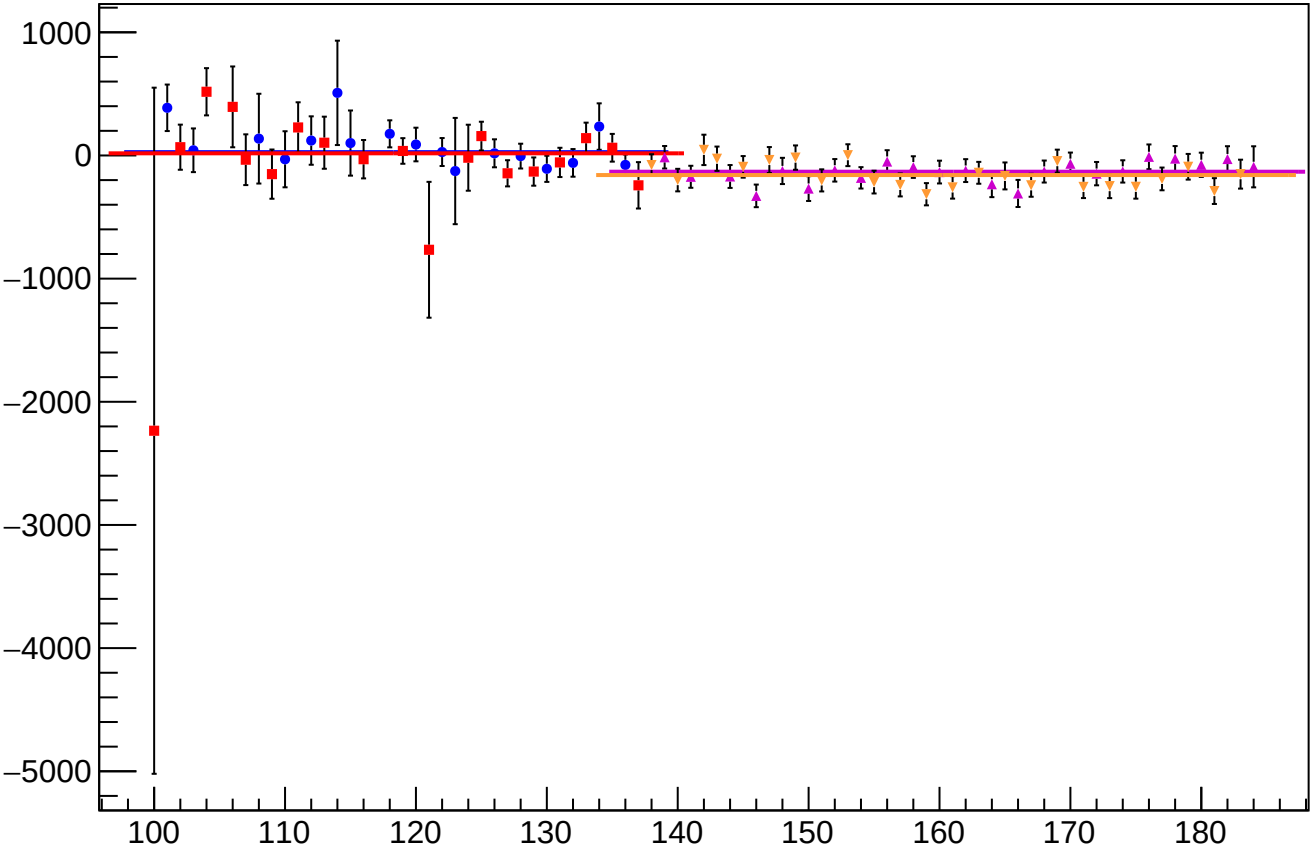
Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 9256.070+/-1.358 χ^2/NDF:1989652.1/39

Out: 9079.650+/-1.319 χ^2/NDF:2283716.2/42

All: 9165.296+/-0.946 χ^2/NDF: 4282056.7/82

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -159.061+/-19.553 χ^2/NDF:25.8/23

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -131.879+/-20.076 χ^2/NDF:17.8/22

Left: -145.829+/-14.007 χ^2/NDF: 44.5/46

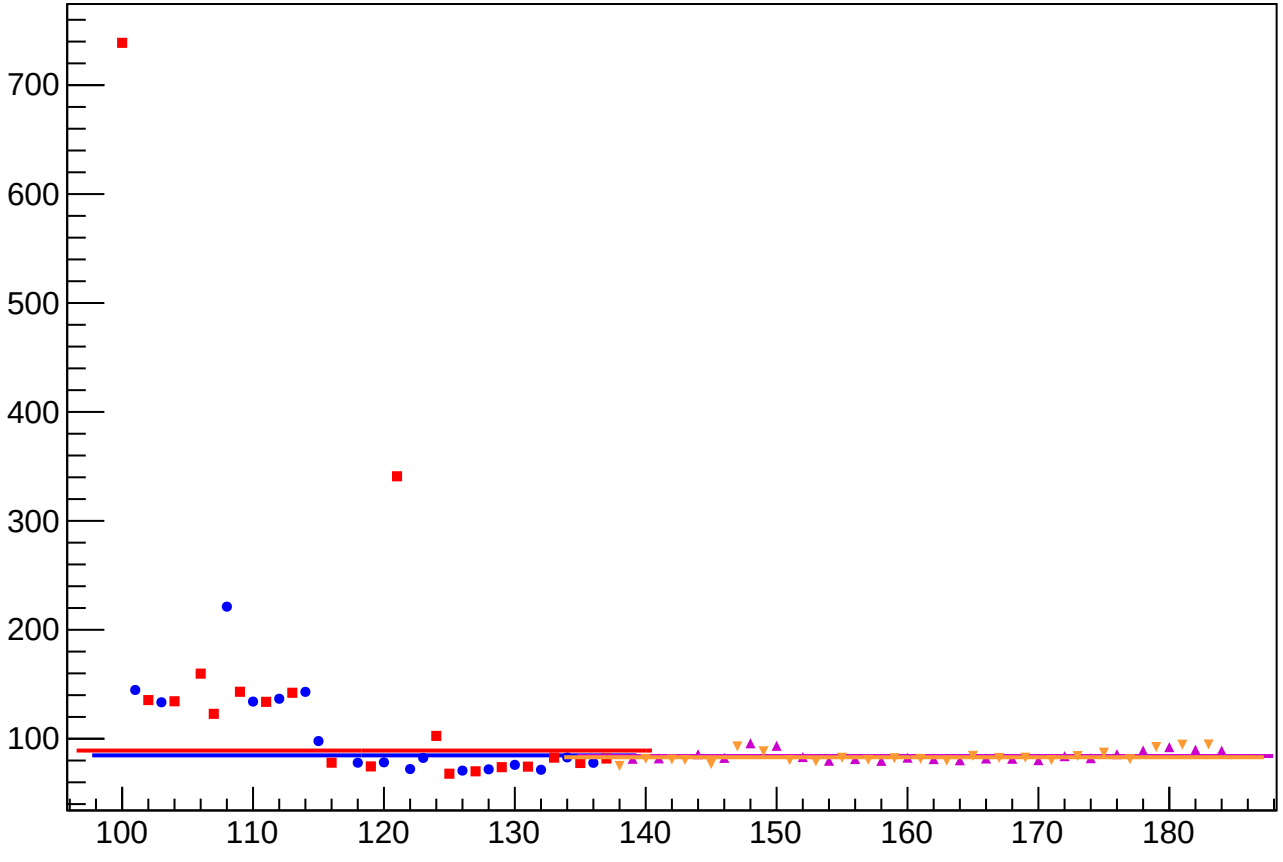
Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -90.874+/-17.291 χ^2/NDF:46.5/39

Out: -118.079+/-17.132 χ^2/NDF:66.5/42

All: -104.602+/-12.170 χ^2/NDF: 114.3/82

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 82.995+/-0.014 χ^2/NDF:129938.6/23

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

Left: 83.537+/-0.010 χ^2/NDF: 230029.1/46

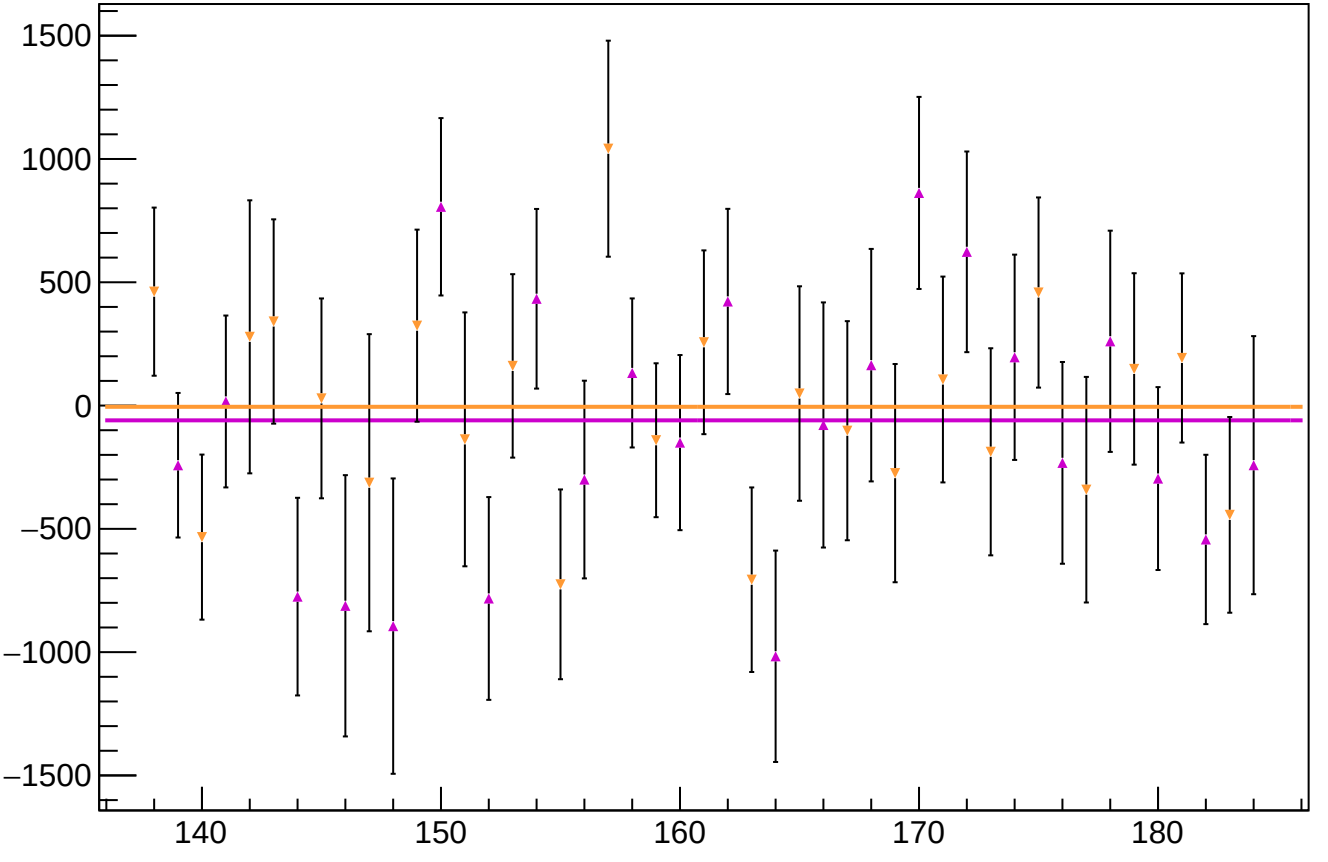
Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 84.271+/-0.012 χ^2/NDF:1161860.7/39

Out: 84.423+/-0.012 χ^2/NDF:1735135.2/42

All: 84.348+/-0.009 χ^2/NDF: 2897074.4/82

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: -5.029+/-81.791 χ^2/NDF:24.4/23

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

Left In: -59.971+/-82.046 χ^2/NDF:38.0/22

Left: -32.414+/-57.925 χ^2/NDF: 62.6/46

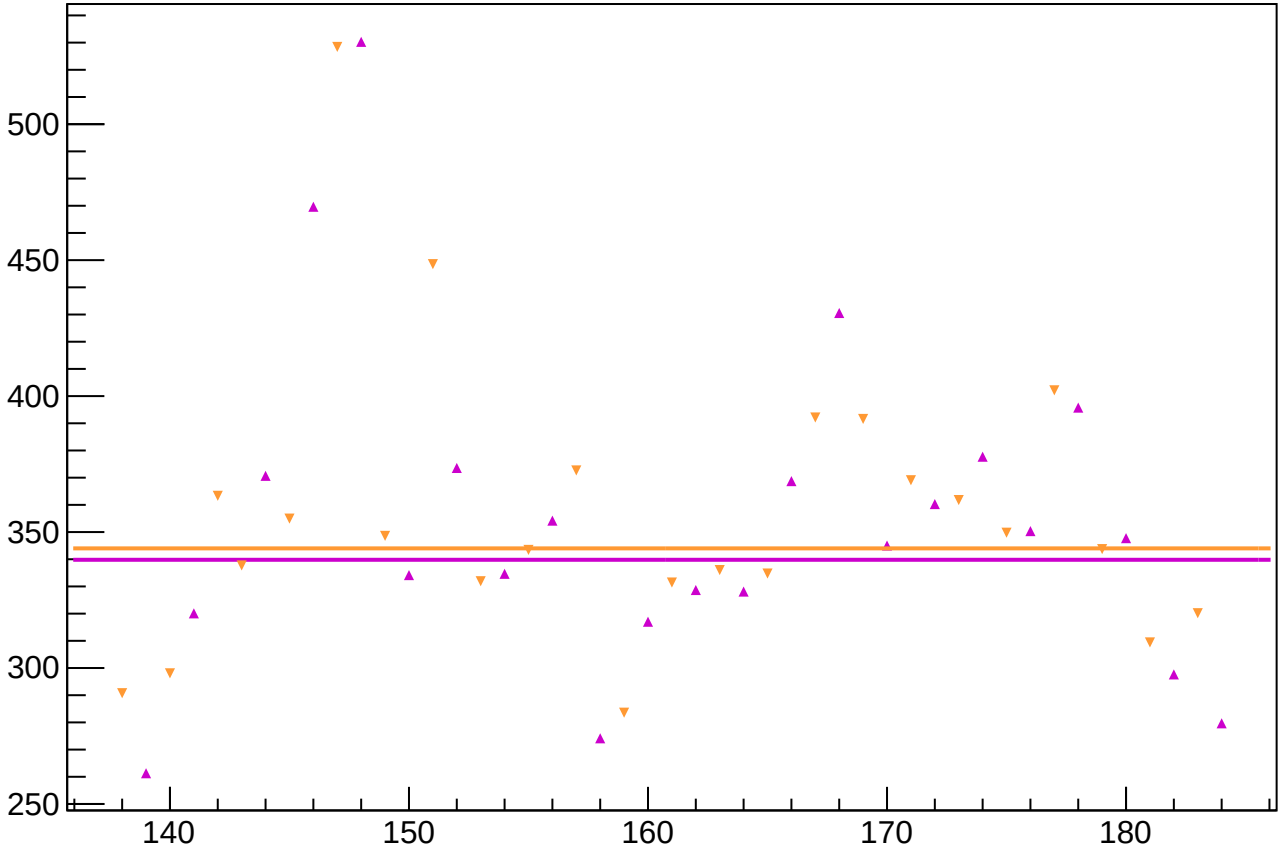
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -59.971+/-82.046 χ^2/NDF:38.0/22

Out: -5.029+/-81.791 χ^2/NDF:24.4/23

All: -32.414+/-57.925 χ^2/NDF: 62.6/46

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 343.999+/-0.058 χ^2/NDF:568397.7/23

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

Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

Left: 341.908+/-0.041 χ^2/NDF: 1370770.3/46

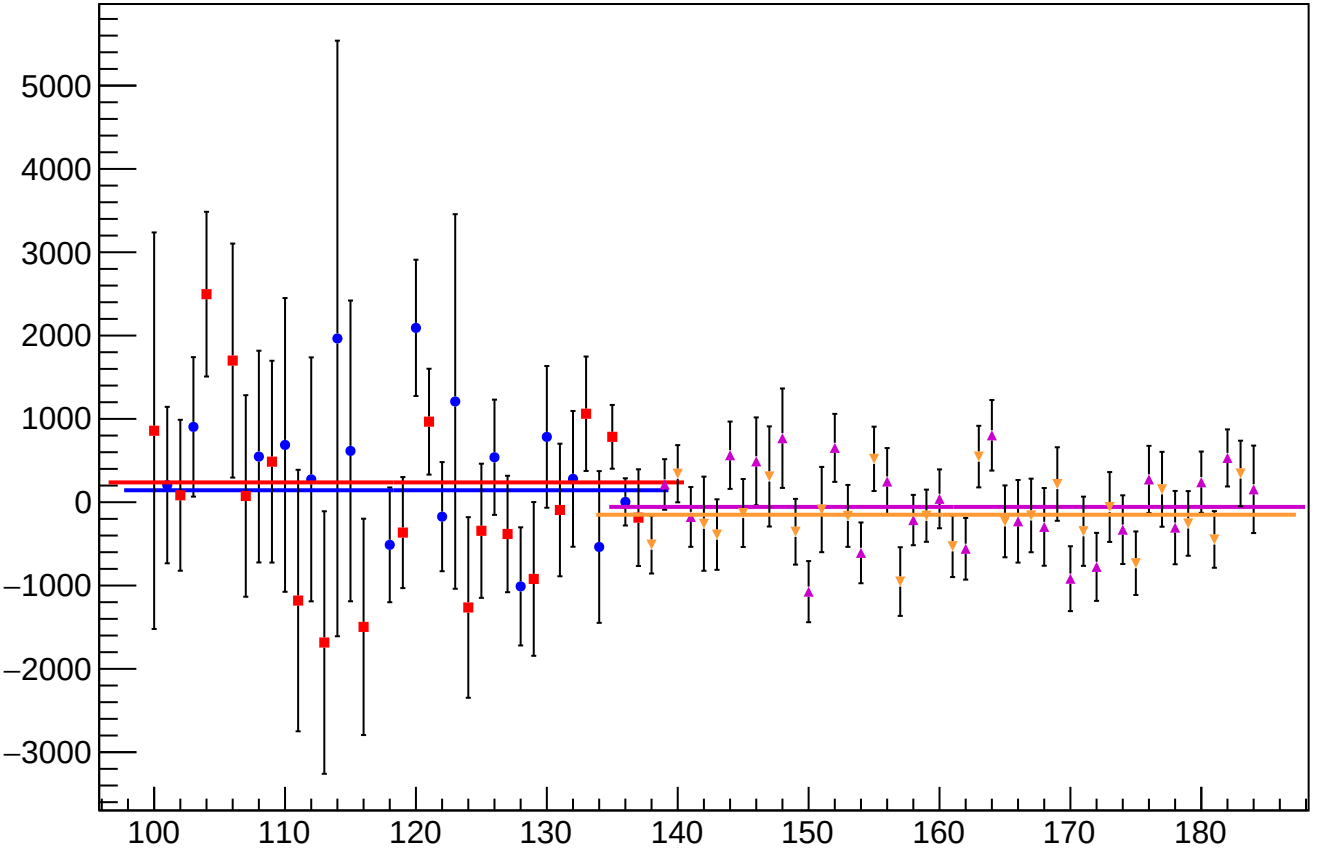
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 339.804+/-0.058 χ^2/NDF:799750.5/22

Out: 343.999+/-0.058 χ^2/NDF:568397.7/23

All: 341.908+/-0.041 χ^2/NDF: 1370770.3/46

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -150.344+/-81.662 χ^2/NDF:22.0/23

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: -56.402+/-82.155 χ^2/NDF:39.7/22

Left: -103.656+/-57.917 χ^2/NDF: 62.3/46

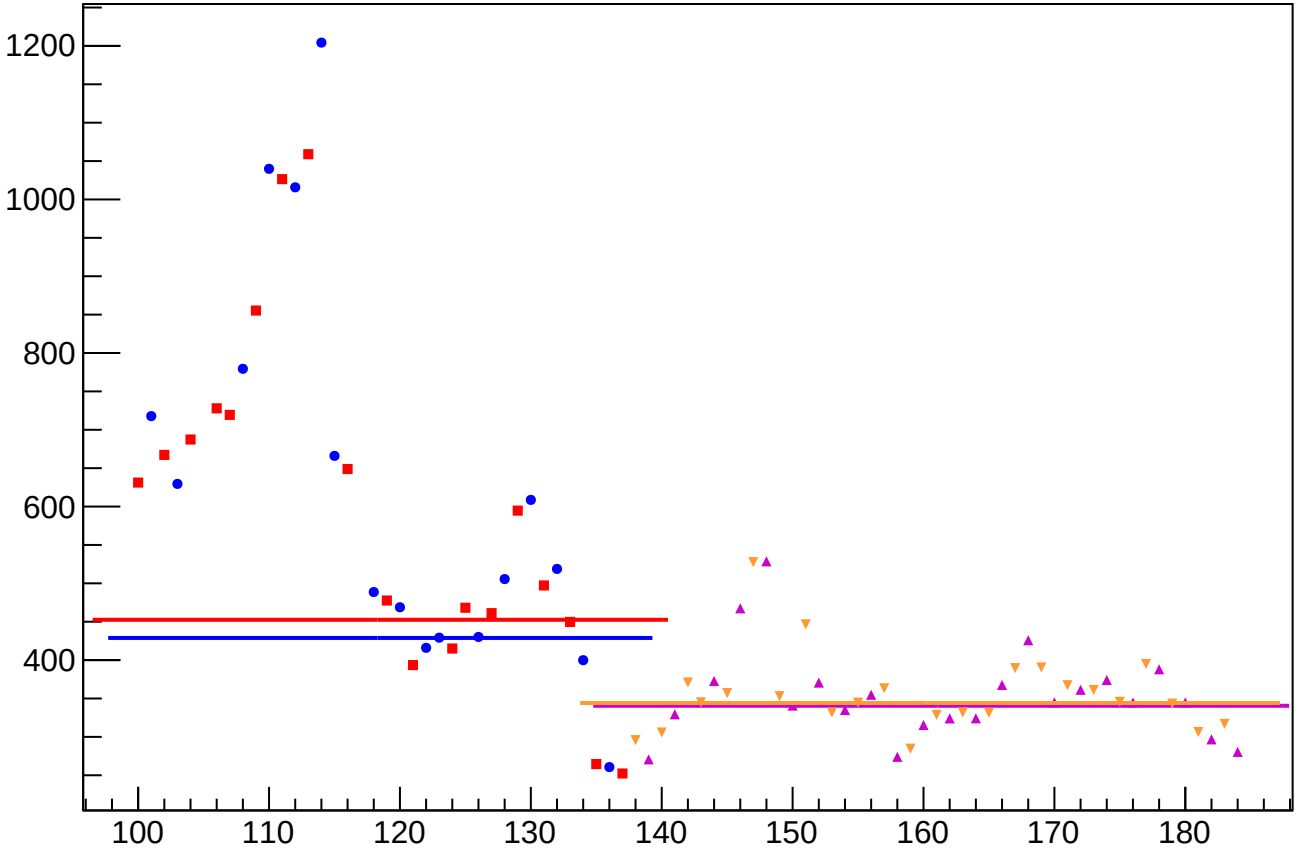
Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: -21.698+/-74.683 χ^2/NDF:53.5/39

Out: -86.465+/-74.641 χ^2/NDF:47.4/42

All: -54.100+/-52.794 χ^2/NDF: 101.3/82

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 344.118+/-0.058 χ^2/NDF:536824.2/23

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

Left: 342.330+/-0.041 χ^2/NDF: 1275804.5/46

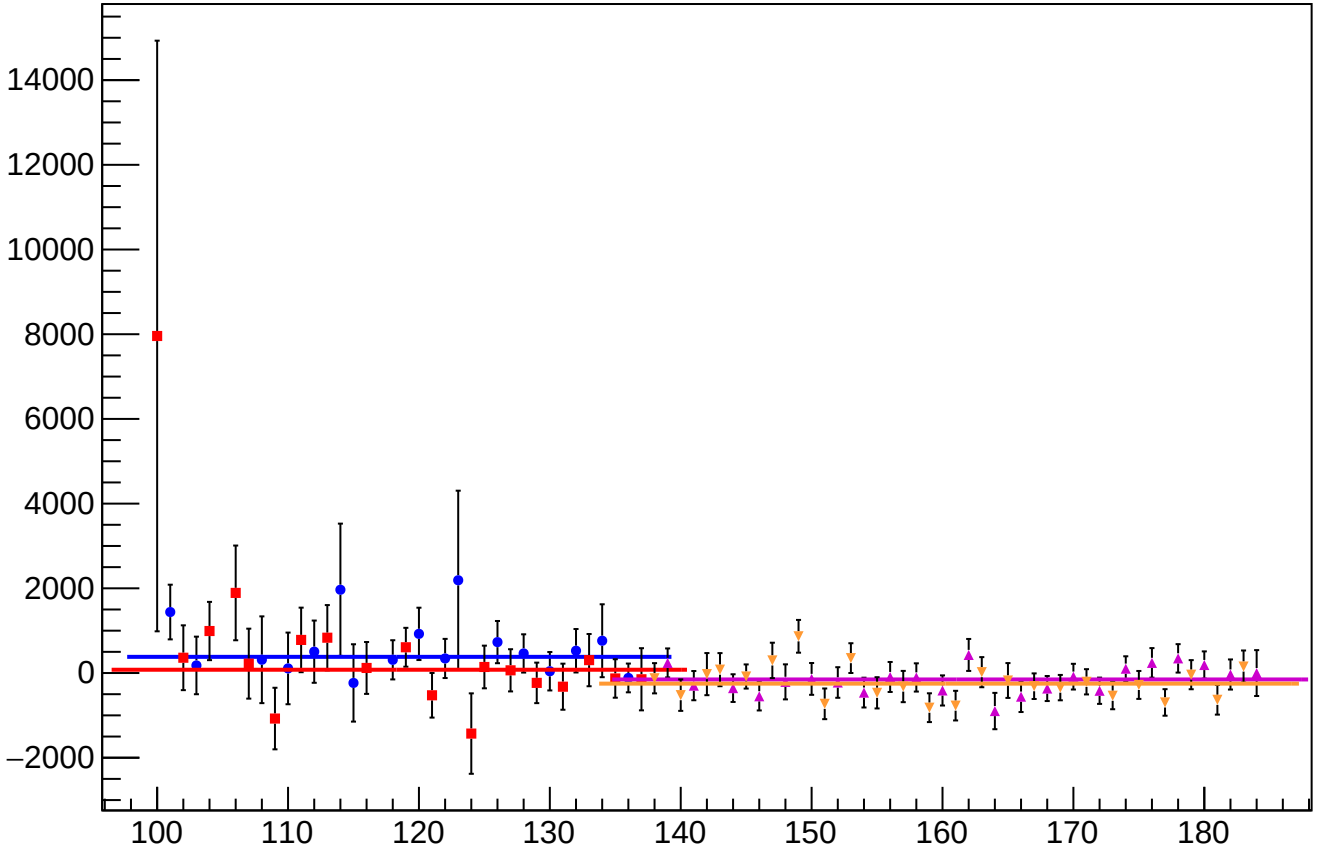
Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 355.856+/-0.053 χ^2/NDF:3150833.2/39

Out: 361.957+/-0.053 χ^2/NDF:3155999.2/42

All: 358.908+/-0.037 χ^2/NDF: 6313509.6/82

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -250.699+/-71.141 χ^2/NDF:28.3/23

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -152.030+/-72.312 χ^2/NDF:18.2/22

Left: -202.170+/-50.713 χ^2/NDF: 47.4/46

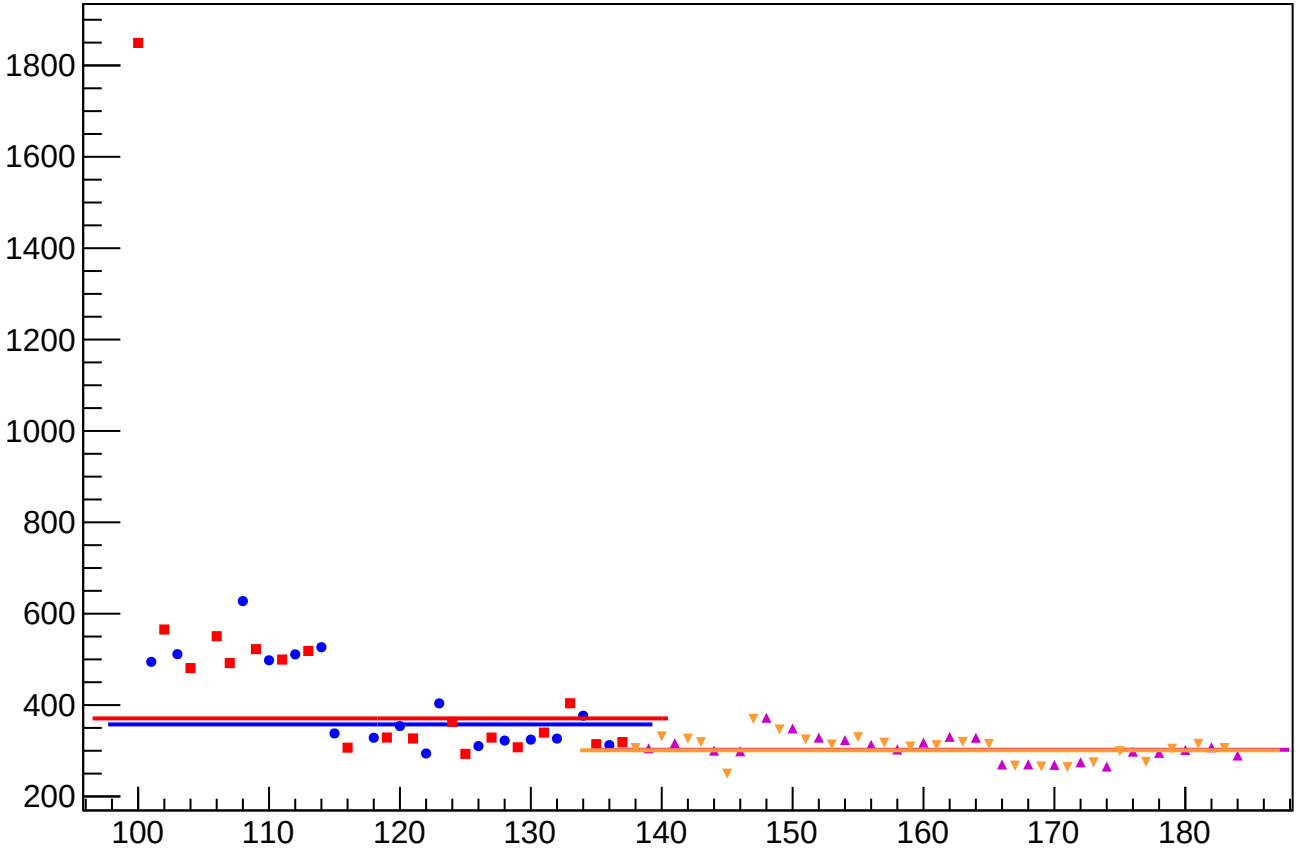
Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: -41.084+/-64.362 χ^2/NDF:38.9/39

Out: -185.929+/-63.736 χ^2/NDF:49.3/42

All: -114.214+/-45.288 χ^2/NDF: 90.8/82

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 301.036+/-0.050 χ^2/NDF:322039.9/23

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

Left: 301.599+/-0.036 χ^2/NDF: 569762.8/46

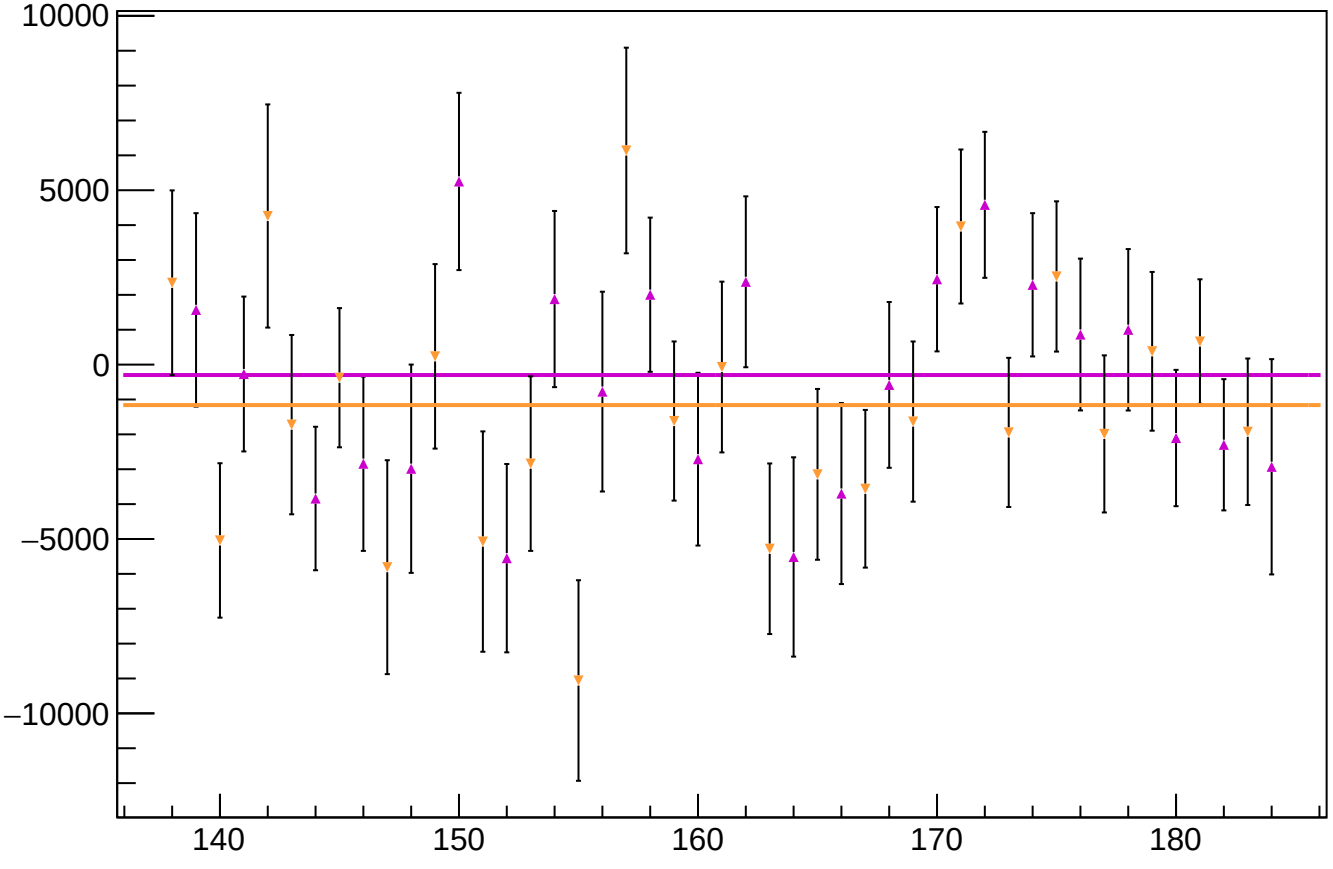
Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 313.709+/-0.046 χ^2/NDF:1121816.4/39

Out: 314.804+/-0.045 χ^2/NDF:1486332.9/42

All: 314.262+/-0.032 χ^2/NDF: 2608441.3/82

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1160.278+/-485.684 χ^2/NDF:41.2/23

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

Left In: -298.915+/-491.476 χ^2/NDF:35.0/22

Left: -734.702+/-345.460 χ^2/NDF: 77.8/46

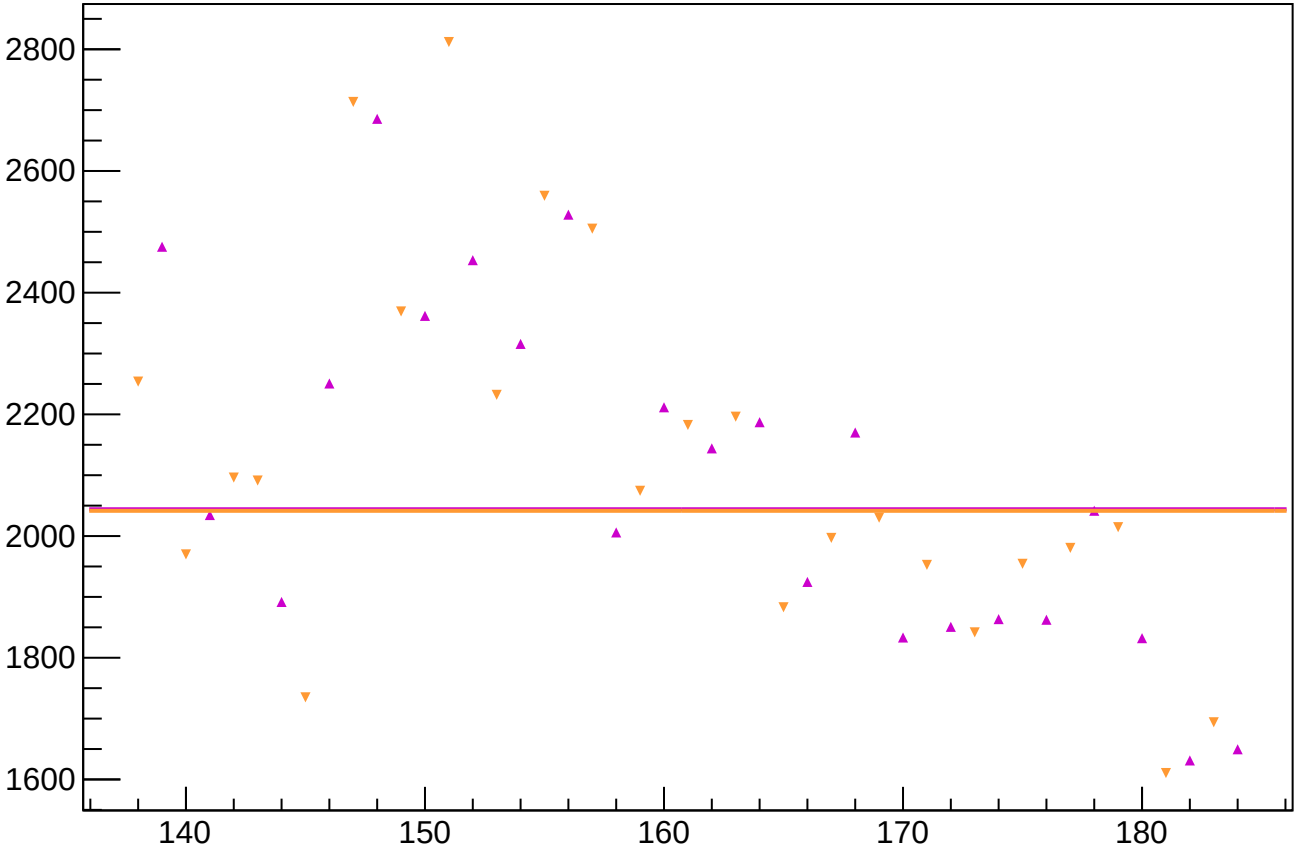
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -298.915+/-491.476 χ^2/NDF:35.0/22

Out: -1160.278+/-485.684 χ^2/NDF:41.2/23

All: -734.702+/-345.460 χ^2/NDF: 77.8/46

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2041.502+/-0.343 χ^2/NDF:656217.8/23

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

Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

Left: 2042.764+/-0.244 χ^2/NDF: 1226780.6/46

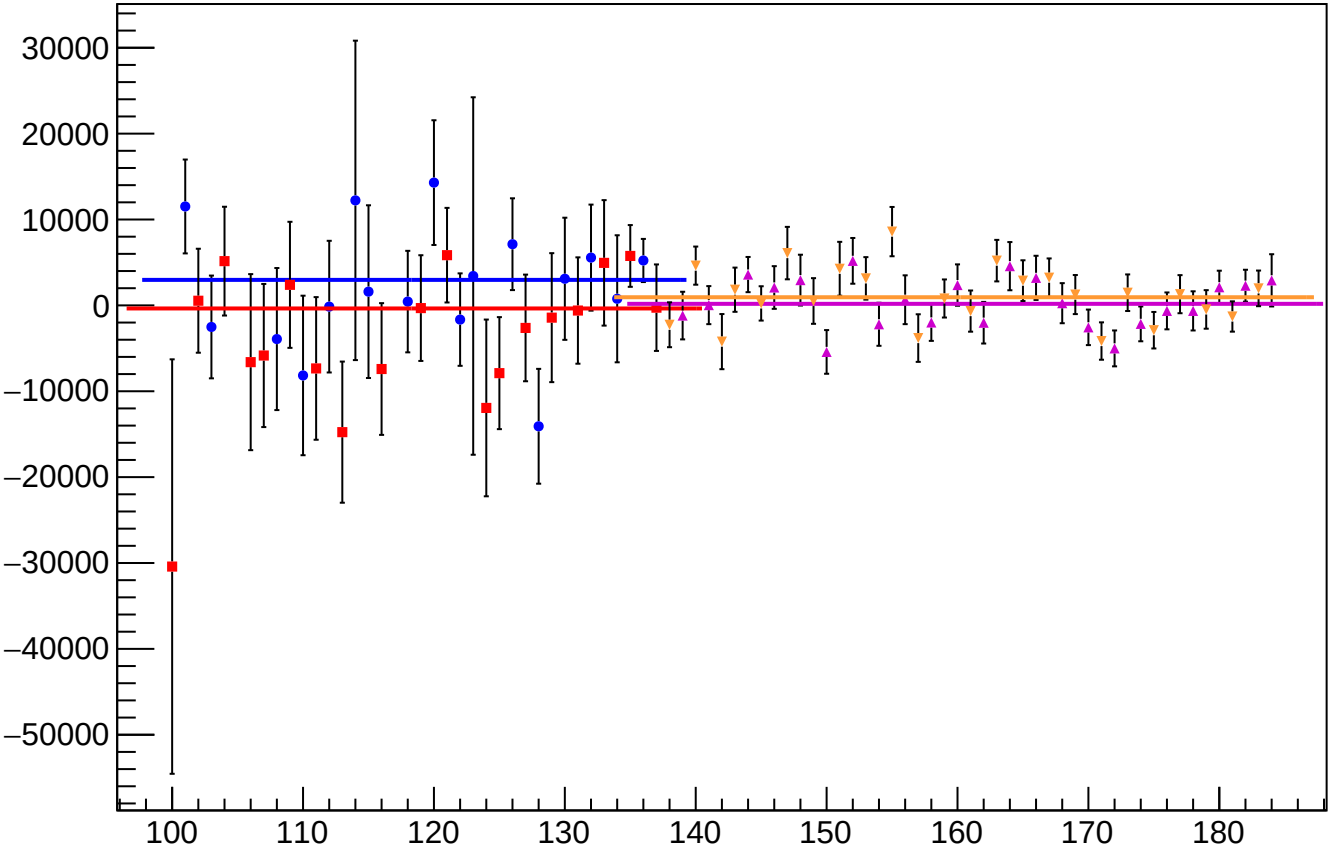
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

Out: 2041.502+/-0.343 χ^2/NDF:656217.8/23

All: 2042.764+/-0.244 χ^2/NDF: 1226780.6/46

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 947.634+/-480.021 χ^2/NDF:38.3/23

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: 180.087+/-486.112 χ^2/NDF:32.9/22

Left: 568.699+/-341.559 χ^2/NDF: 72.4/46

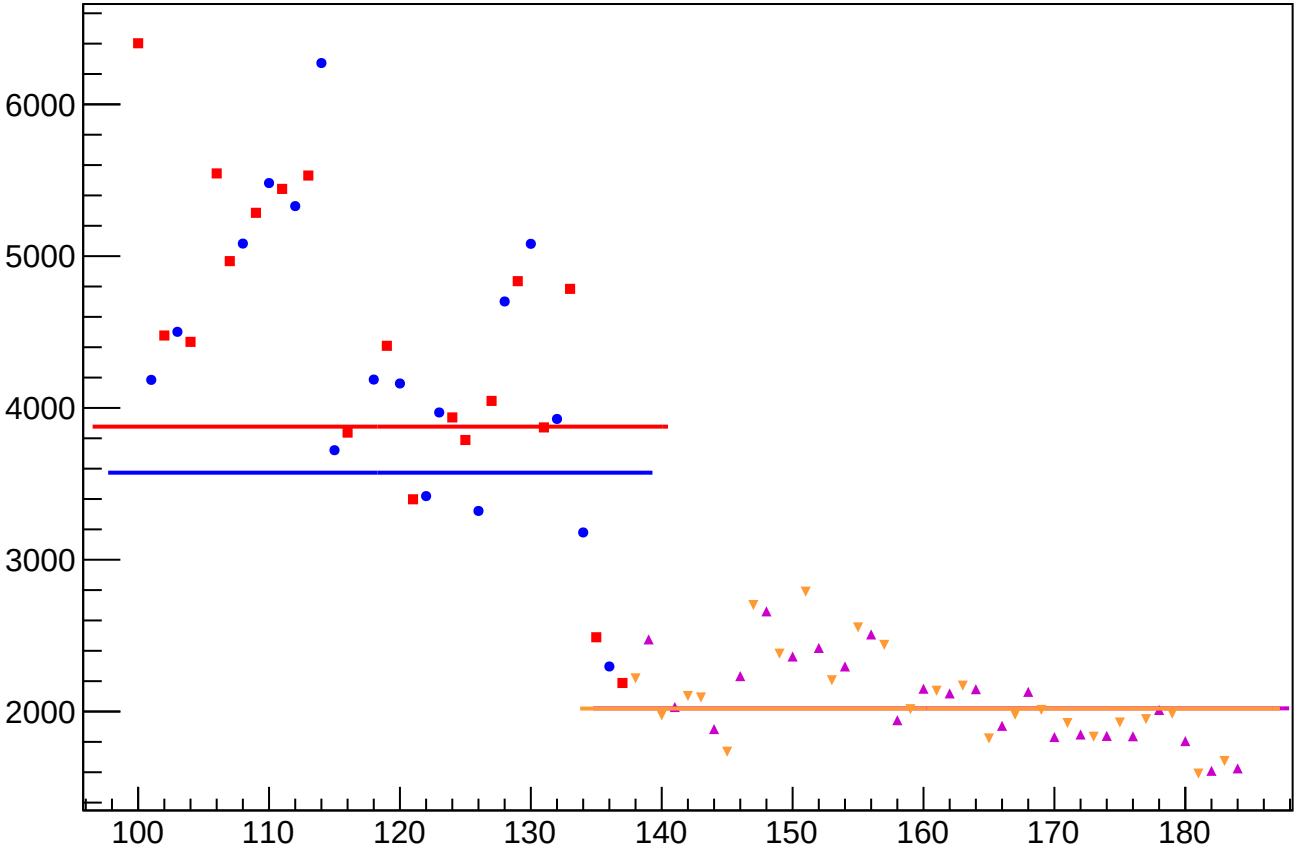
Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 465.234+/-460.592 χ^2/NDF:53.7/39

Out: 827.313+/-457.381 χ^2/NDF:54.3/42

All: 647.540+/-324.546 χ^2/NDF: 108.3/82

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2019.699+/-0.339 χ^2/NDF:665458.2/23

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

Left: 2020.286+/-0.242 χ^2/NDF: 1241827.8/46

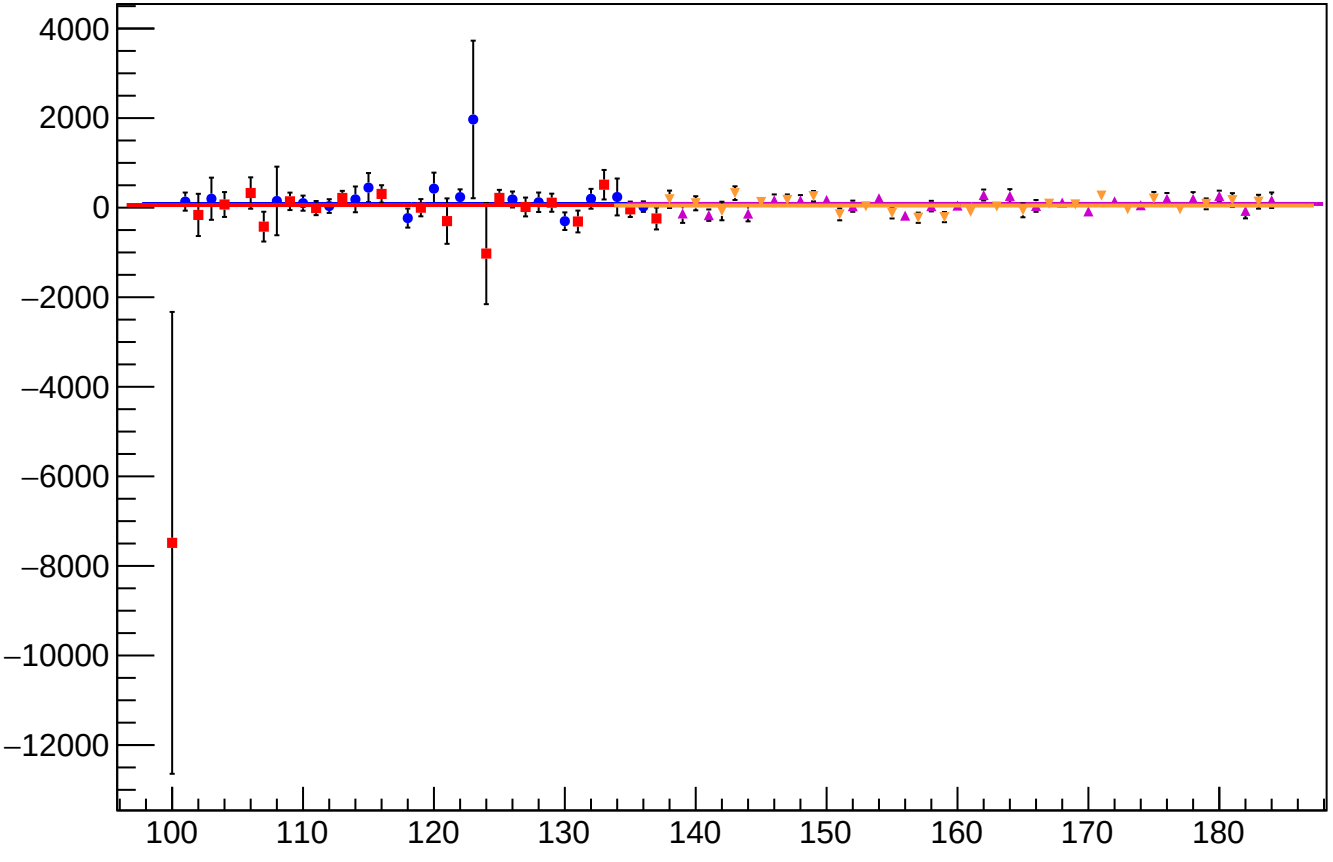
Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2179.621+/-0.326 χ^2/NDF:3750932.7/39

Out: 2190.761+/-0.323 χ^2/NDF:4411430.7/42

All: 2185.230+/-0.229 χ^2/NDF: 8162952.5/82

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 47.292+/-23.412 χ^2/NDF:37.4/23

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: 82.630+/-24.154 χ^2/NDF:28.6/22

Left: 64.410+/-16.811 χ^2/NDF: 67.1/46

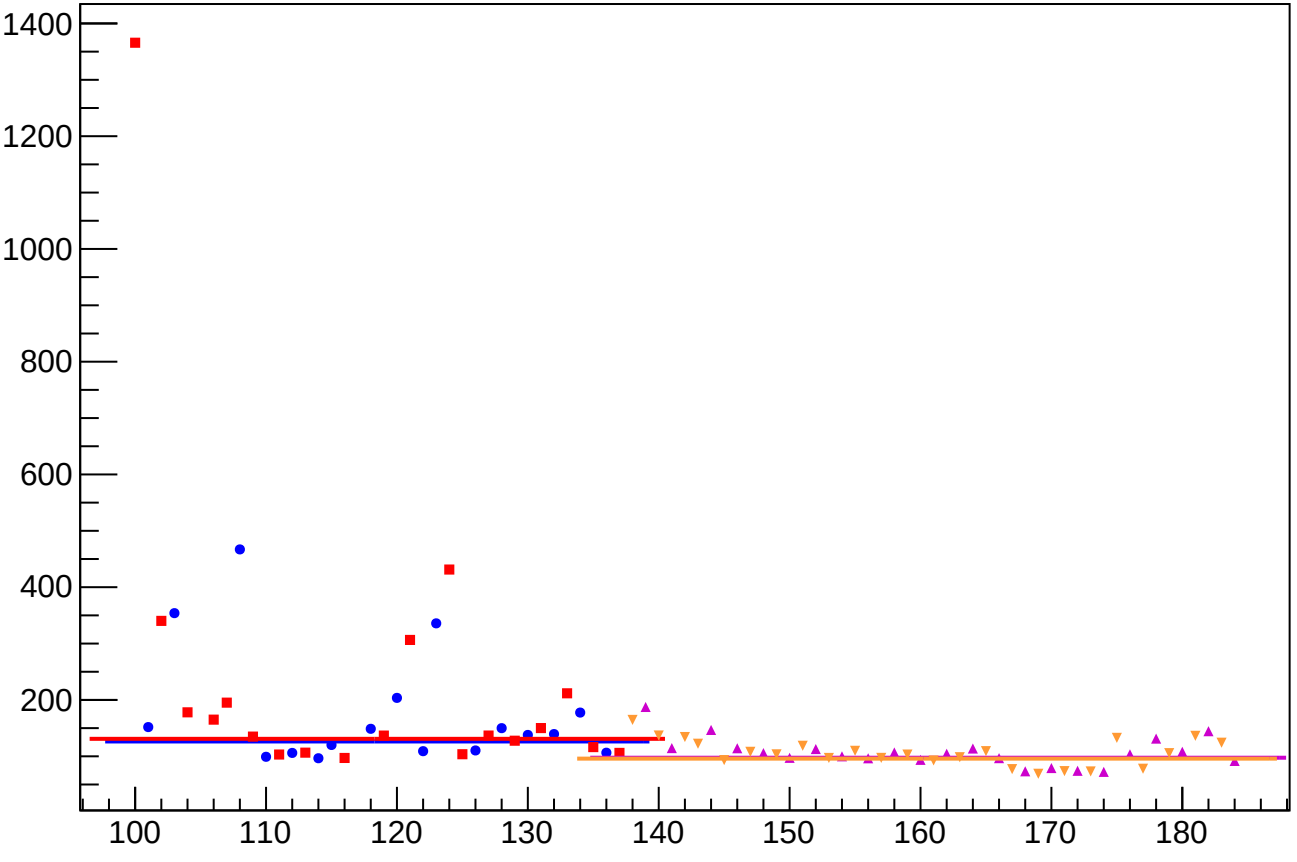
Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 82.491+/-21.899 χ^2/NDF:40.1/39

Out: 49.195+/-21.427 χ^2/NDF:53.9/42

All: 65.480+/-15.315 χ^2/NDF: 95.2/82

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 95.902+/-0.017 χ^2/NDF:1678991.4/23

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

Left: 96.675+/-0.012 χ^2/NDF: 3244830.7/46

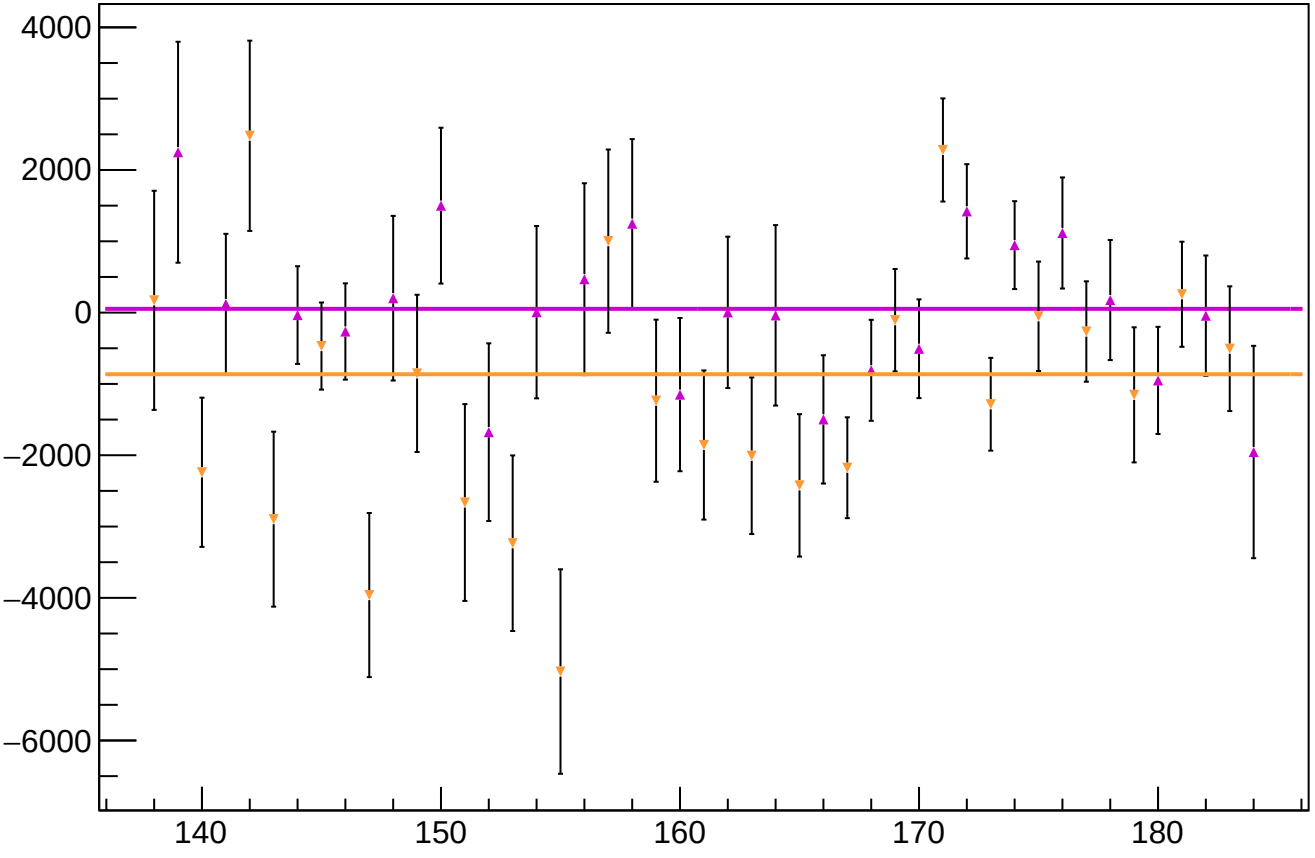
Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 102.632+/-0.015 χ^2/NDF:3379452.1/39

Out: 101.604+/-0.015 χ^2/NDF:3838618.9/42

All: 102.107+/-0.011 χ^2/NDF: 7220322.7/82

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -864.245+/-186.291 χ^2/NDF:67.6/23

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

Left In: 53.006+/-184.870 χ^2/NDF:25.3/22

Left: -402.107+/-131.223 χ^2/NDF: 105.2/46

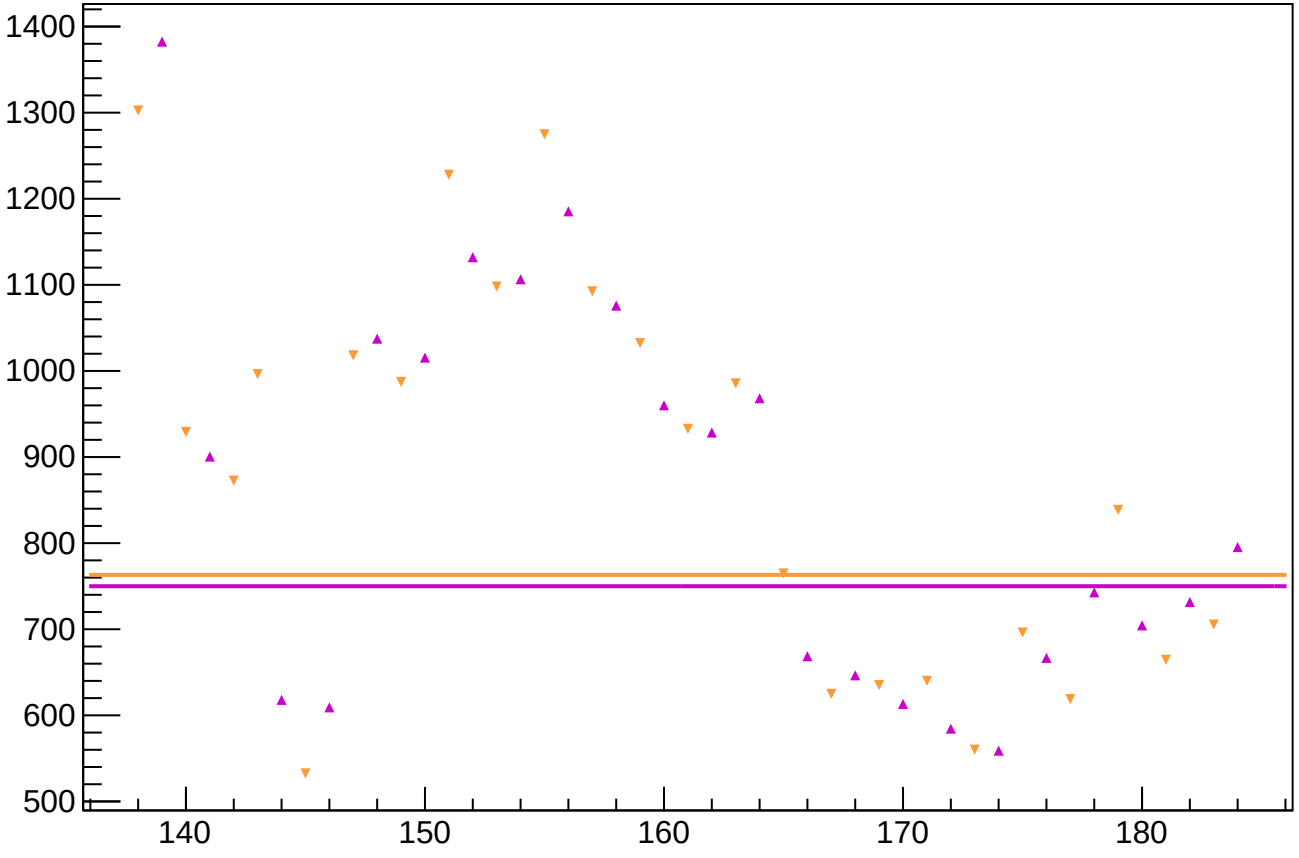
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.006+/-184.870 χ^2/NDF:25.3/22

Out: -864.245+/-186.291 χ^2/NDF:67.6/23

All: -402.107+/-131.223 χ^2/NDF: 105.2/46

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 763.160+/-0.132 χ^2/NDF:2405693.1/23

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

Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

Left: 756.527+/-0.093 χ^2/NDF: 4597359.6/46

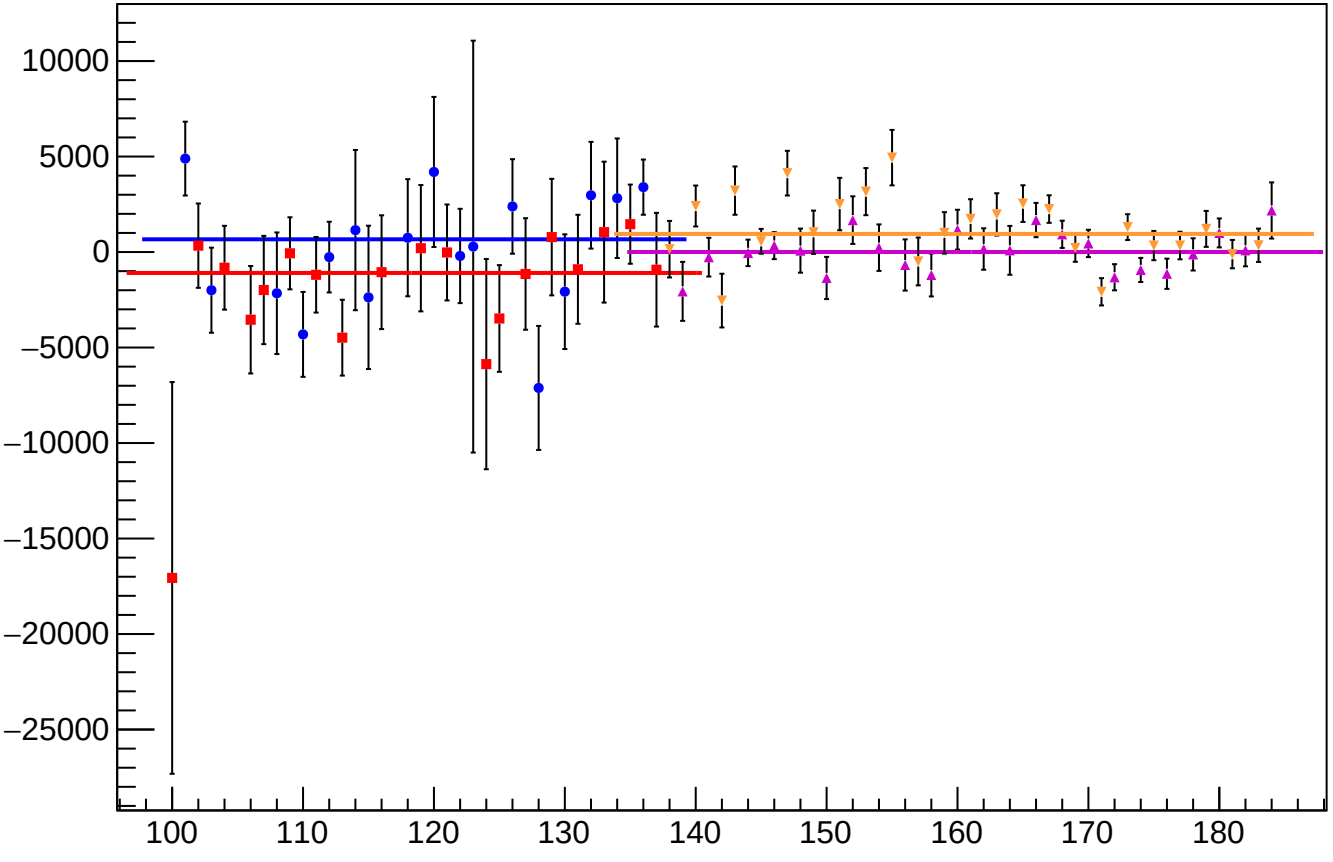
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

Out: 763.160+/-0.132 χ^2/NDF:2405693.1/23

All: 756.527+/-0.093 χ^2/NDF: 4597359.6/46

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 948.388+/-188.399 χ^2/NDF:63.4/23

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: 2.470+/-187.271 χ^2/NDF:25.6/22

Left: 472.590+/-132.817 χ^2/NDF: 101.7/46

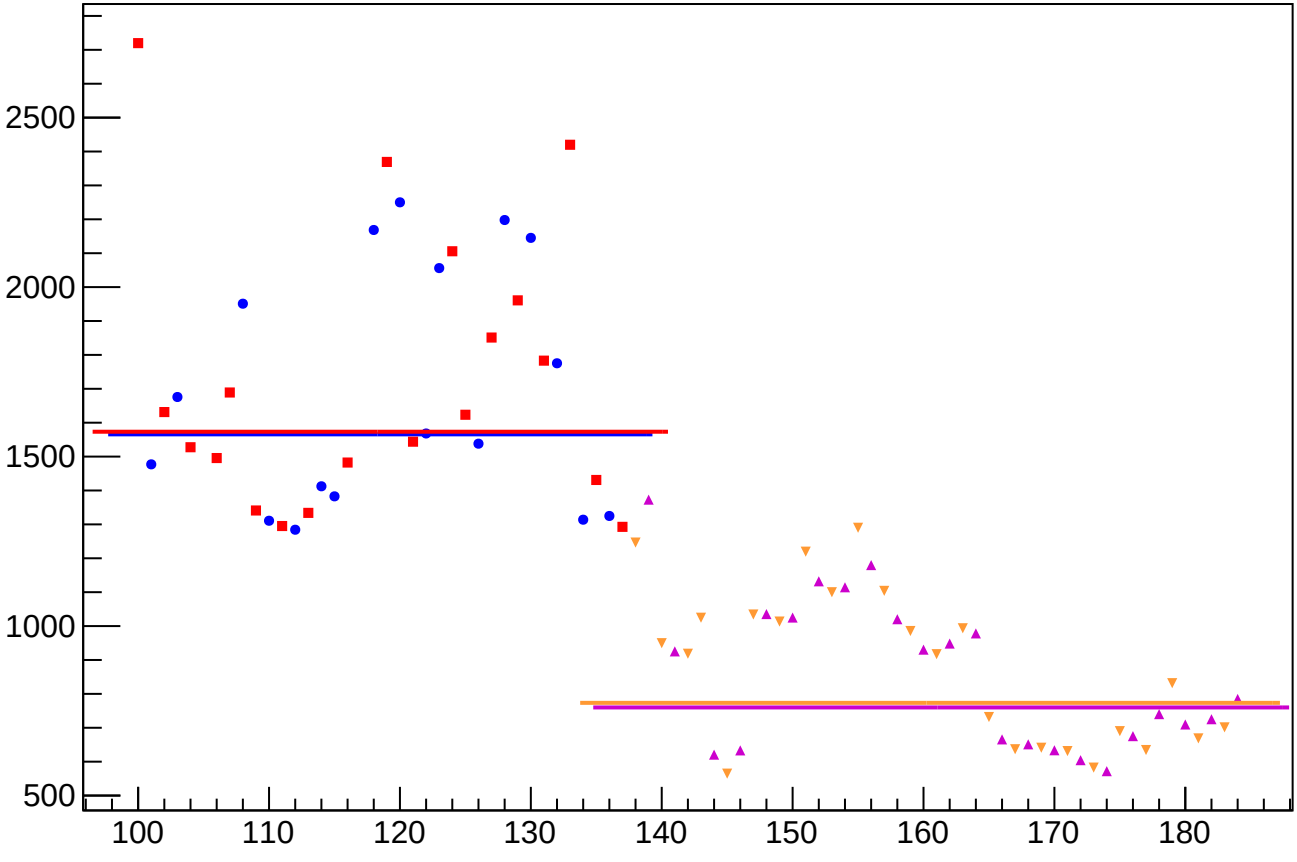
Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: 58.174+/-179.244 χ^2/NDF:52.3/39

Out: 766.526+/-179.816 χ^2/NDF:84.8/42

All: 411.220+/-126.946 χ^2/NDF: 144.9/82

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 773.538+/-0.133 χ^2/NDF:2231735.0/23

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

Left: 766.696+/-0.094 χ^2/NDF: 4251683.0/46

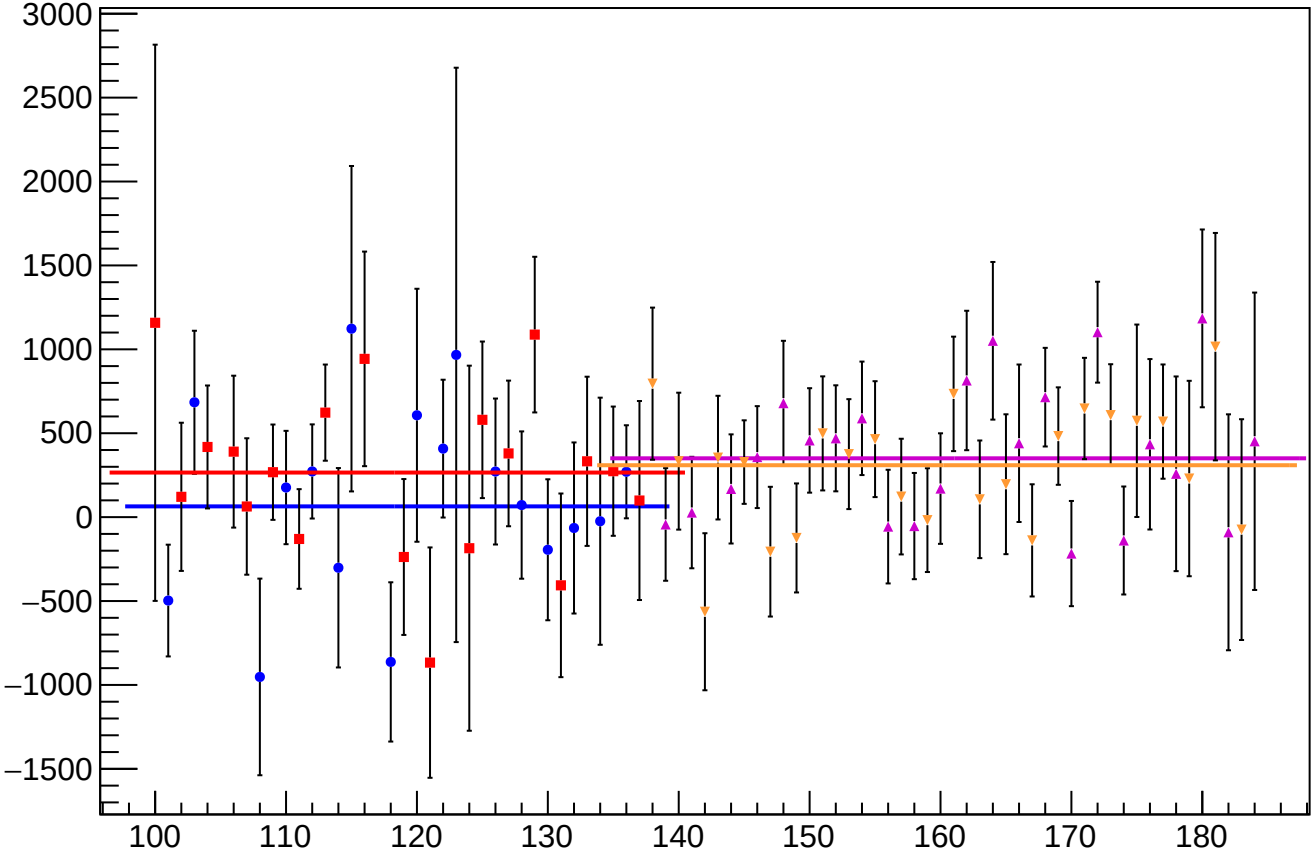
Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 827.528+/-0.127 χ^2/NDF:5611150.6/39

Out: 844.748+/-0.127 χ^2/NDF:5903083.2/42

All: 836.110+/-0.090 χ^2/NDF: 11523434.2/82

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 309.329+/-73.600 χ^2/NDF:18.8/23

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 350.522+/-75.911 χ^2/NDF:27.4/22

Left: 329.289+/-52.841 χ^2/NDF: 46.3/46

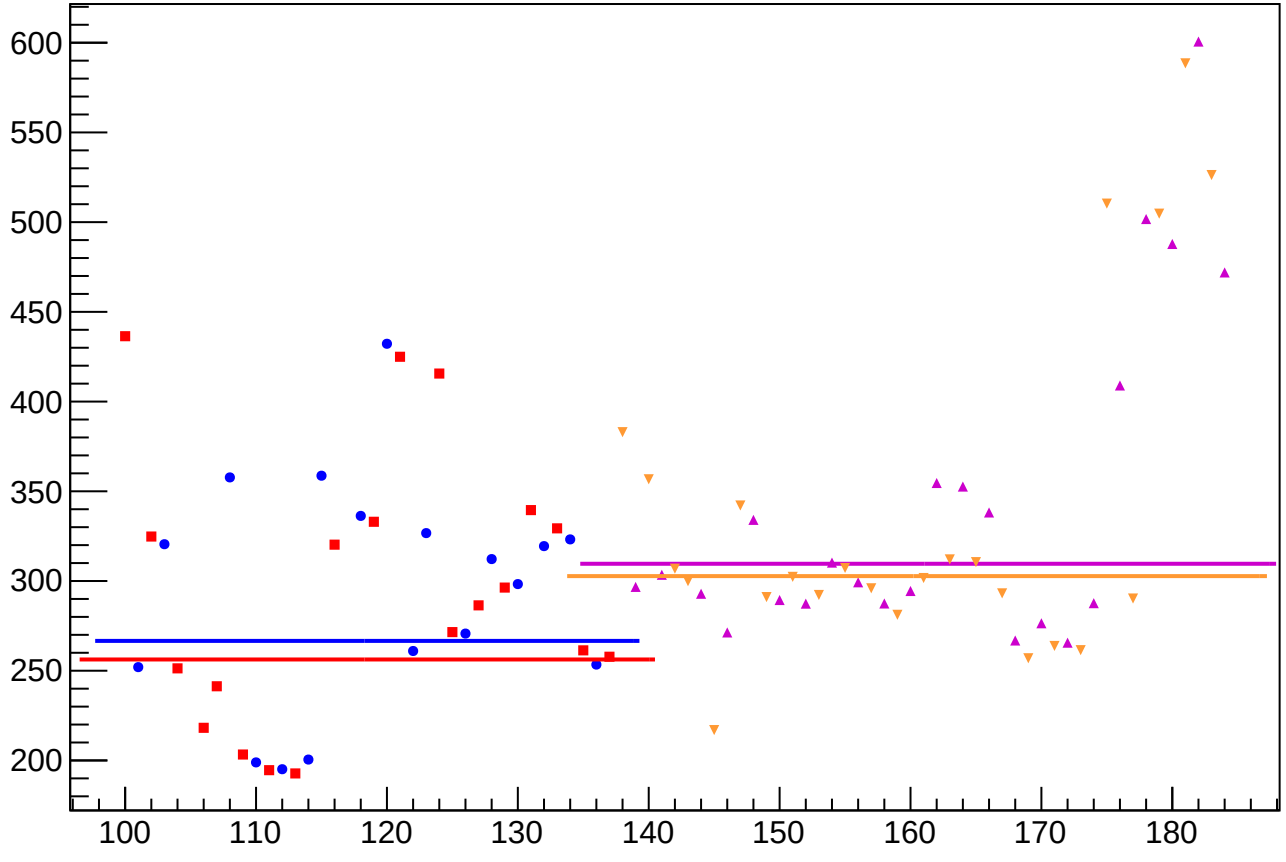
Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 252.613+/-61.585 χ^2/NDF:49.0/39

Out: 293.862+/-59.146 χ^2/NDF:33.6/42

All: 274.071+/-42.659 χ^2/NDF: 82.8/82

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 302.729+/-0.052 χ^2/NDF:1587850.9/23

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

Left: 306.063+/-0.037 χ^2/NDF: 2776600.7/46

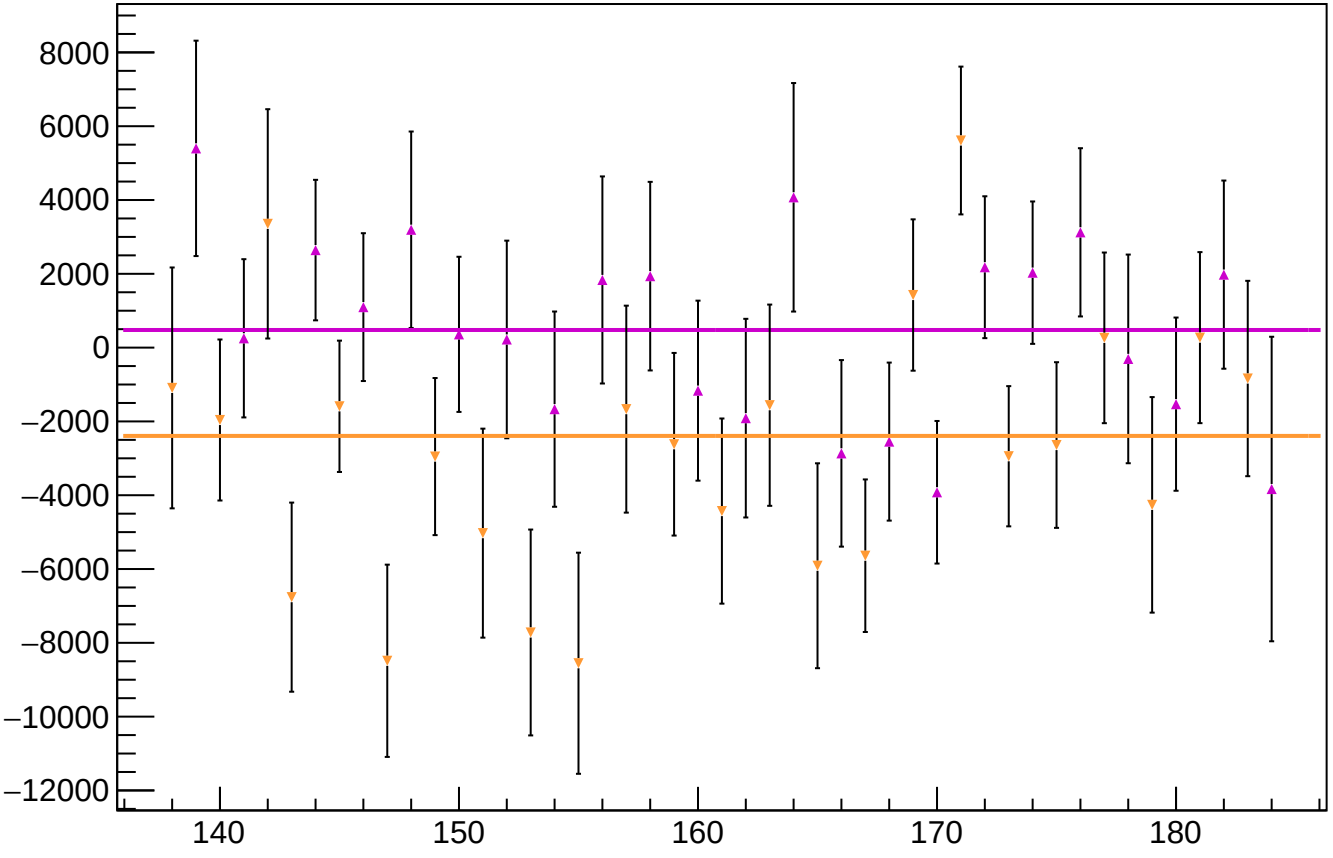
Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 294.916+/-0.044 χ^2/NDF:1950238.8/39

Out: 286.272+/-0.042 χ^2/NDF:2567042.5/42

All: 290.420+/-0.030 χ^2/NDF: 4537776.9/82

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -2392.715+/-490.780 χ^2/NDF:48.8/23

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

Left In: 477.779+/-494.228 χ^2/NDF:23.1/22

Left: -967.516+/-348.247 χ^2/NDF: 88.9/46

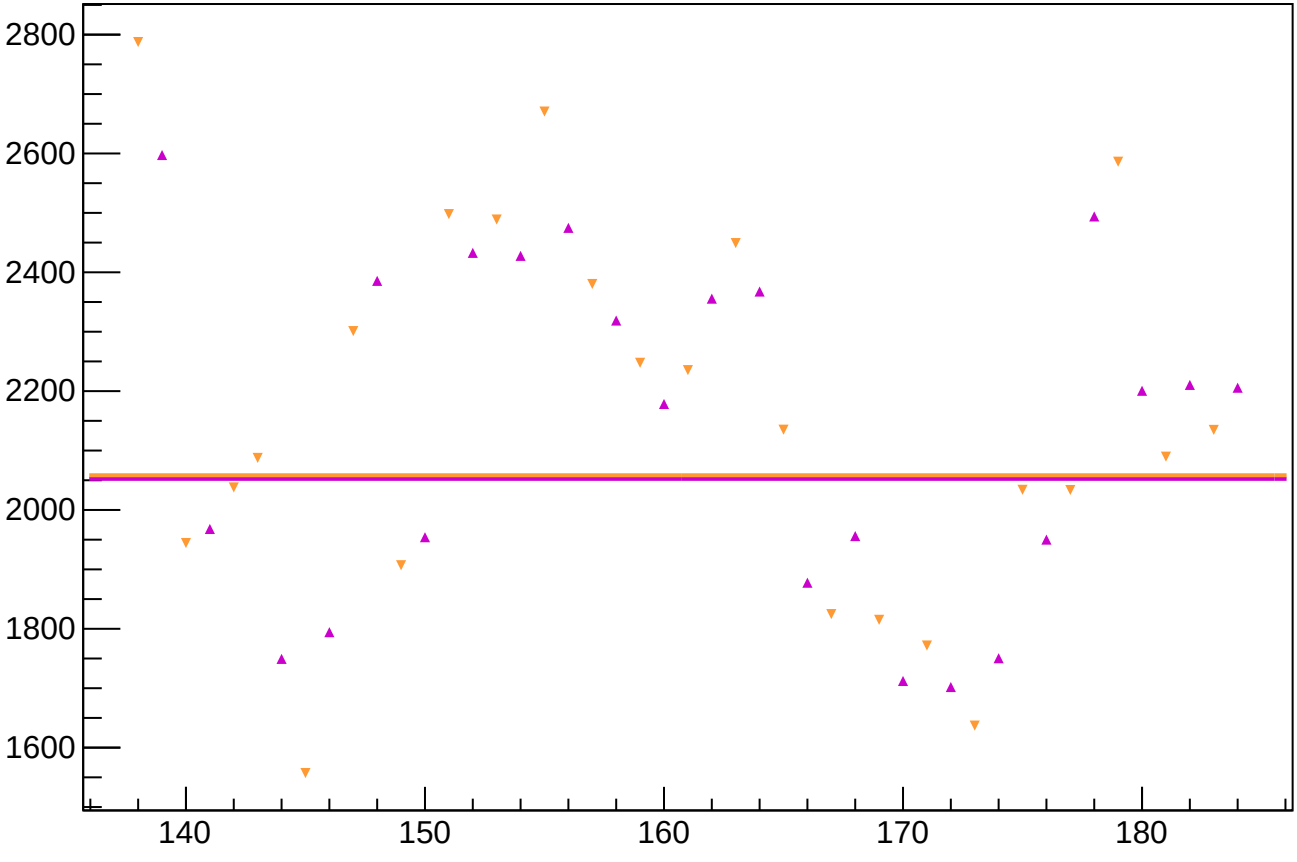
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 477.779+/-494.228 χ^2/NDF:23.1/22

Out: -2392.715+/-490.780 χ^2/NDF:48.8/23

All: -967.516+/-348.247 χ^2/NDF: 88.9/46

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2058.409+/-0.347 χ^2/NDF:822422.9/23

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

Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

Left: 2055.417+/-0.246 χ^2/NDF: 1476444.7/46

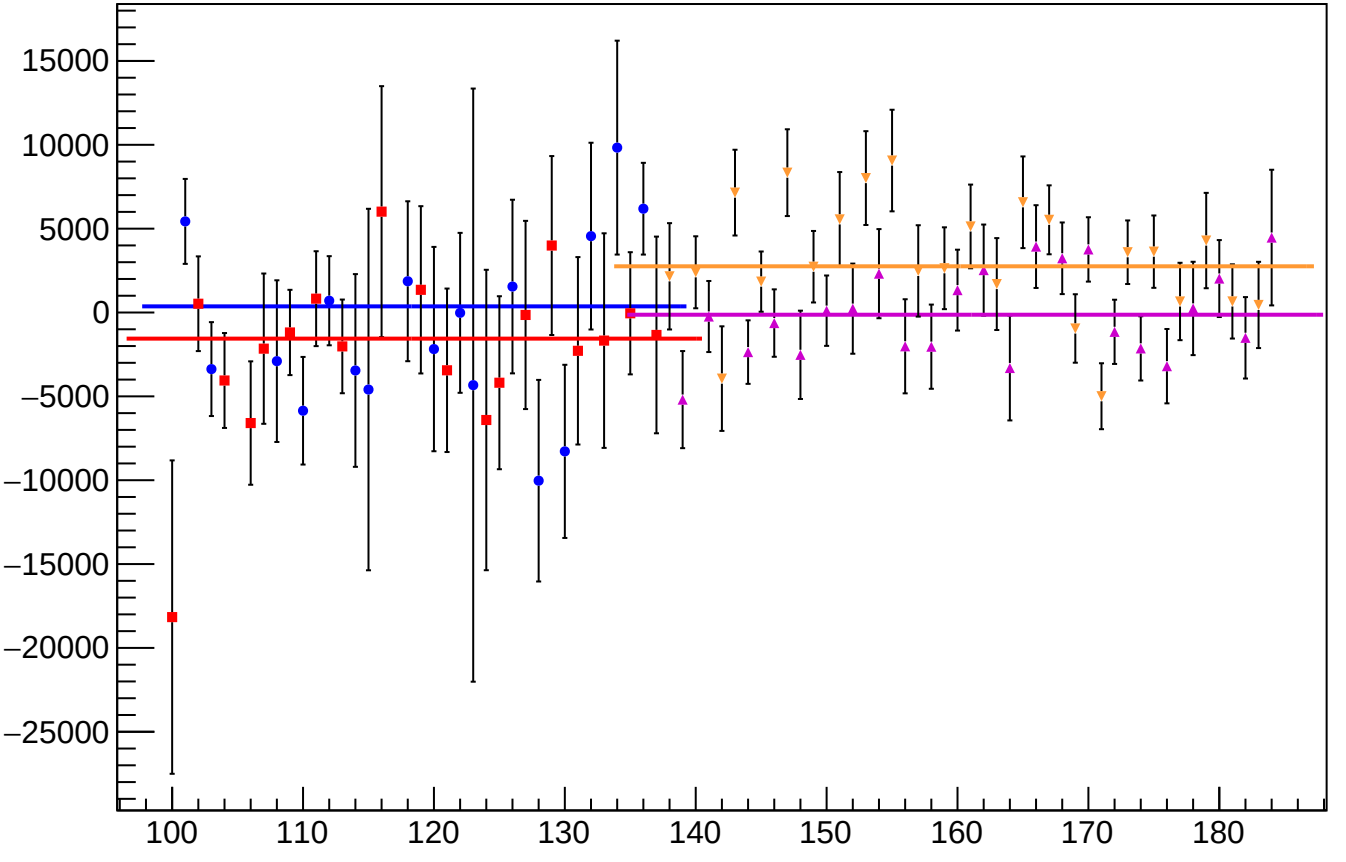
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

Out: 2058.409+/-0.347 χ^2/NDF:822422.9/23

All: 2055.417+/-0.246 χ^2/NDF: 1476444.7/46

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 2755.673+/-485.630 χ^2/NDF:48.2/23

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: -132.307+/-489.752 χ^2/NDF:24.7/22

Left: 1323.887+/-344.840 χ^2/NDF: 90.5/46

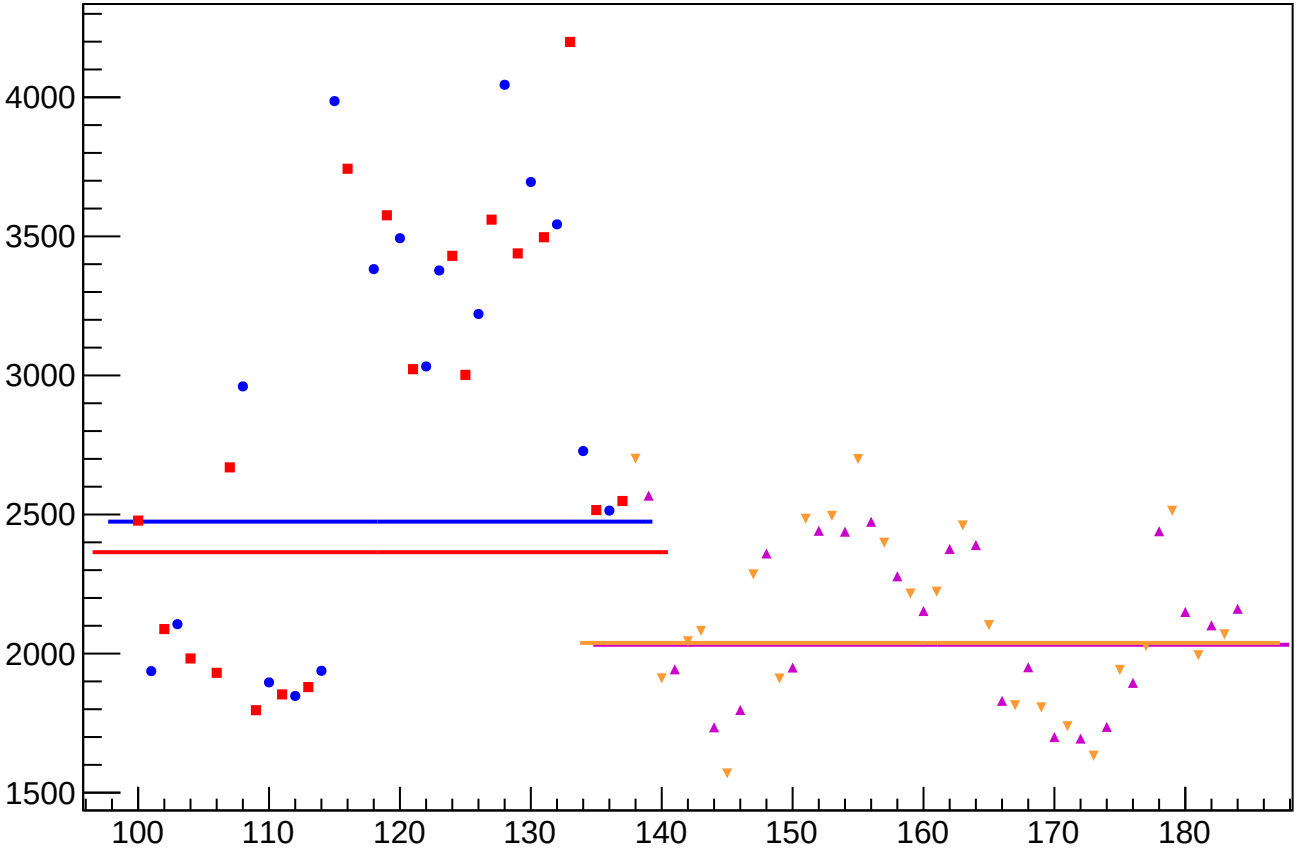
Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: -34.639+/-439.190 χ^2/NDF:49.1/39

Out: 1822.155+/-429.875 χ^2/NDF:75.8/42

All: 913.659+/-307.208 χ^2/NDF: 134.1/82

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2038.378+/-0.343 χ^2/NDF:809108.6/23

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

Left: 2035.064+/-0.244 χ^2/NDF: 1462678.6/46

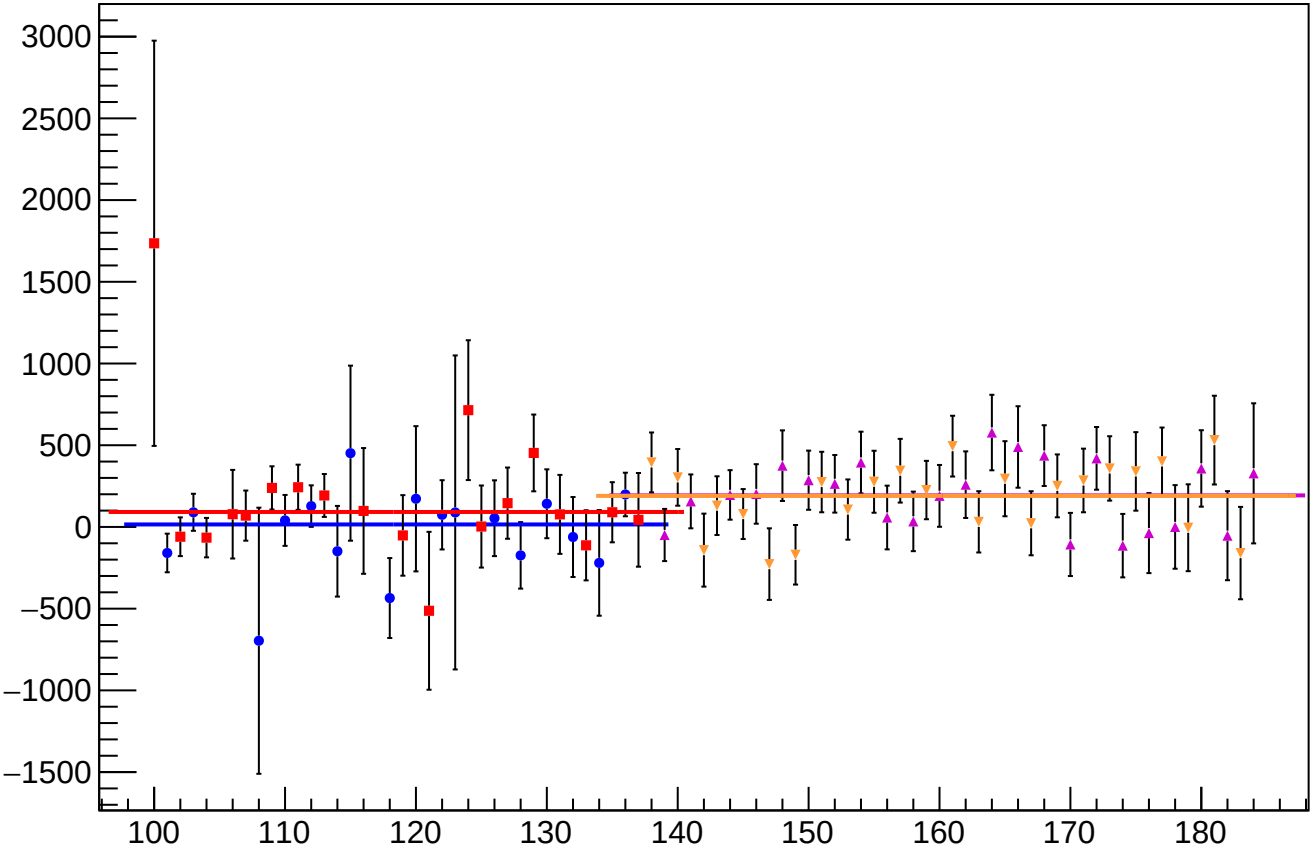
Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2118.382+/-0.311 χ^2/NDF:1879644.8/39

Out: 2108.966+/-0.304 χ^2/NDF:2027735.9/42

All: 2113.573+/-0.217 χ^2/NDF: 3907850.2/82

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 190.072+/-40.348 χ^2/NDF:23.8/23

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 193.004+/-41.384 χ^2/NDF:21.1/22

Left: 191.501+/-28.890 χ^2/NDF: 44.9/46

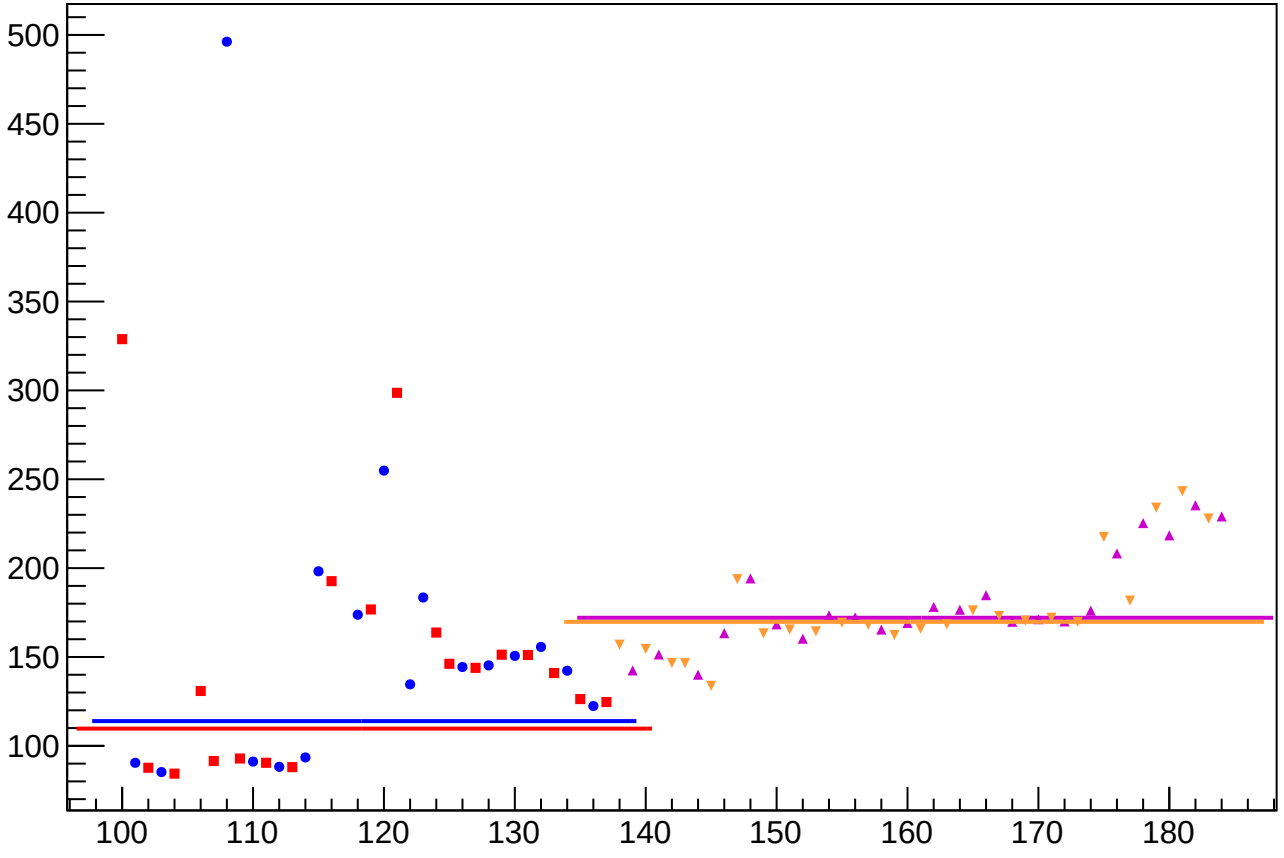
Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 114.355+/-30.898 χ^2/NDF:41.8/39

Out: 144.344+/-29.524 χ^2/NDF:42.3/42

All: 130.031+/-21.346 χ^2/NDF: 84.5/82

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 169.767+/-0.029 χ^2/NDF:661212.1/23

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

Left: 170.887+/-0.020 χ^2/NDF: 1254107.8/46

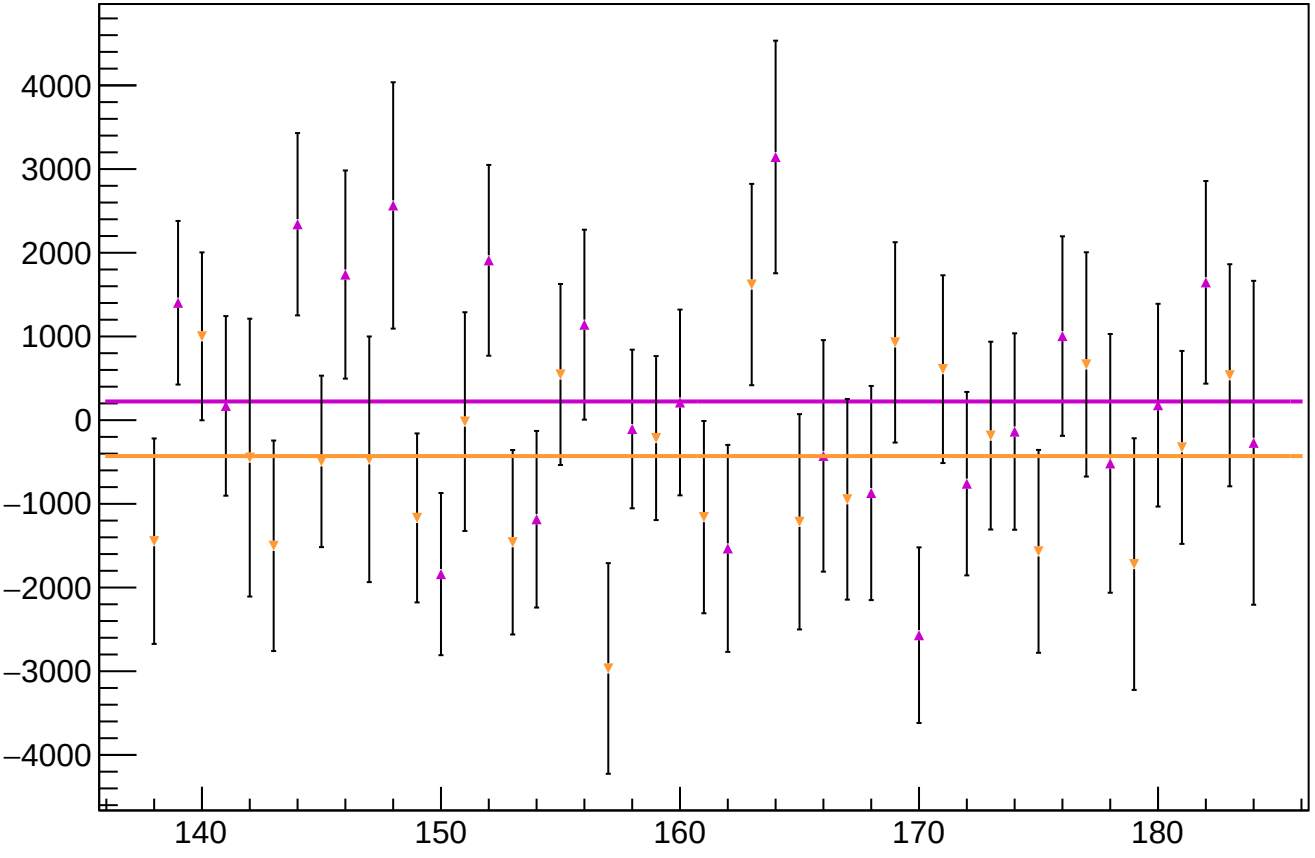
Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 146.336+/-0.022 χ^2/NDF:3744249.3/39

Out: 141.868+/-0.021 χ^2/NDF:3961736.9/42

All: 144.000+/-0.015 χ^2/NDF: 7727848.4/82

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -429.433+/-242.357 χ^2/NDF:18.8/23

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

Left In: 223.332+/-243.771 χ^2/NDF:36.0/22

Left: -104.950+/-171.870 χ^2/NDF: 58.4/46

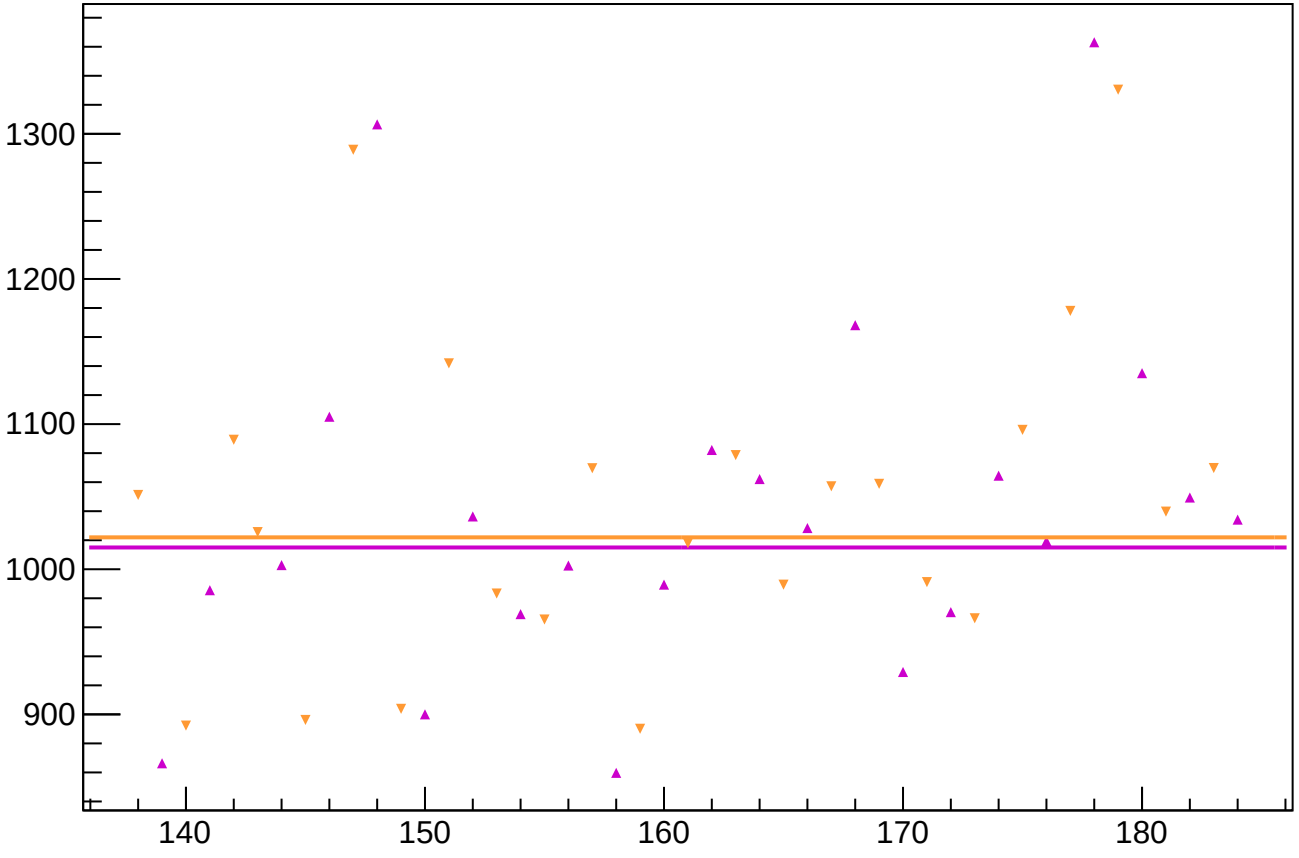
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 223.332+/-243.771 χ^2/NDF:36.0/22

Out: -429.433+/-242.357 χ^2/NDF:18.8/23

All: -104.950+/-171.870 χ^2/NDF: 58.4/46

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 1021.976+/-0.171 χ^2/NDF:363210.9/23

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

Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

Left: 1018.508+/-0.122 χ^2/NDF: 768900.1/46

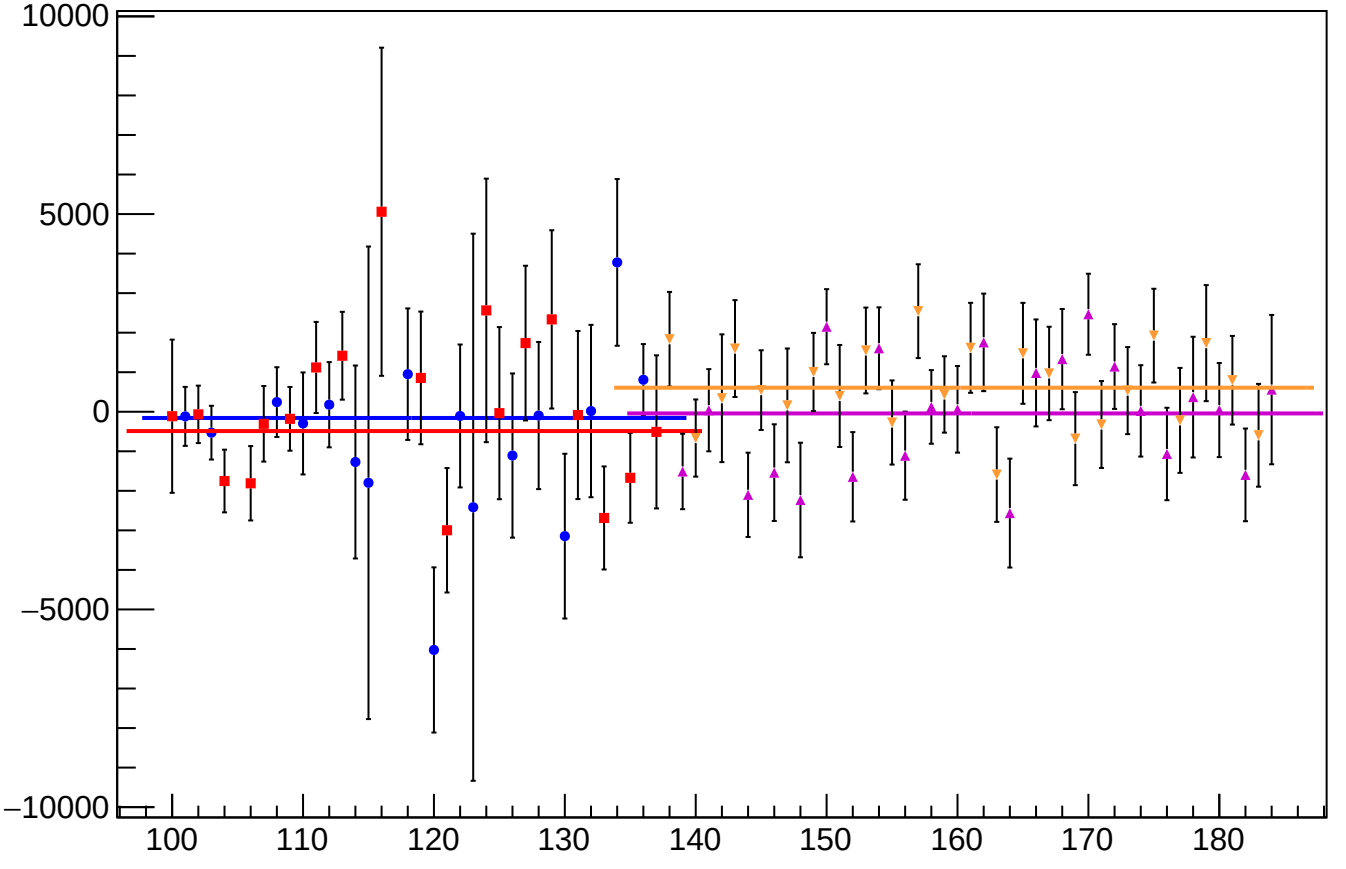
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

Out: 1021.976+/-0.171 χ^2/NDF:363210.9/23

All: 1018.508+/-0.122 χ^2/NDF: 768900.1/46

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 608.107+/-237.626 χ^2/NDF:17.6/23

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -42.397+/-239.278 χ^2/NDF:37.9/22

Left: 285.108+/-168.608 χ^2/NDF: 59.2/46

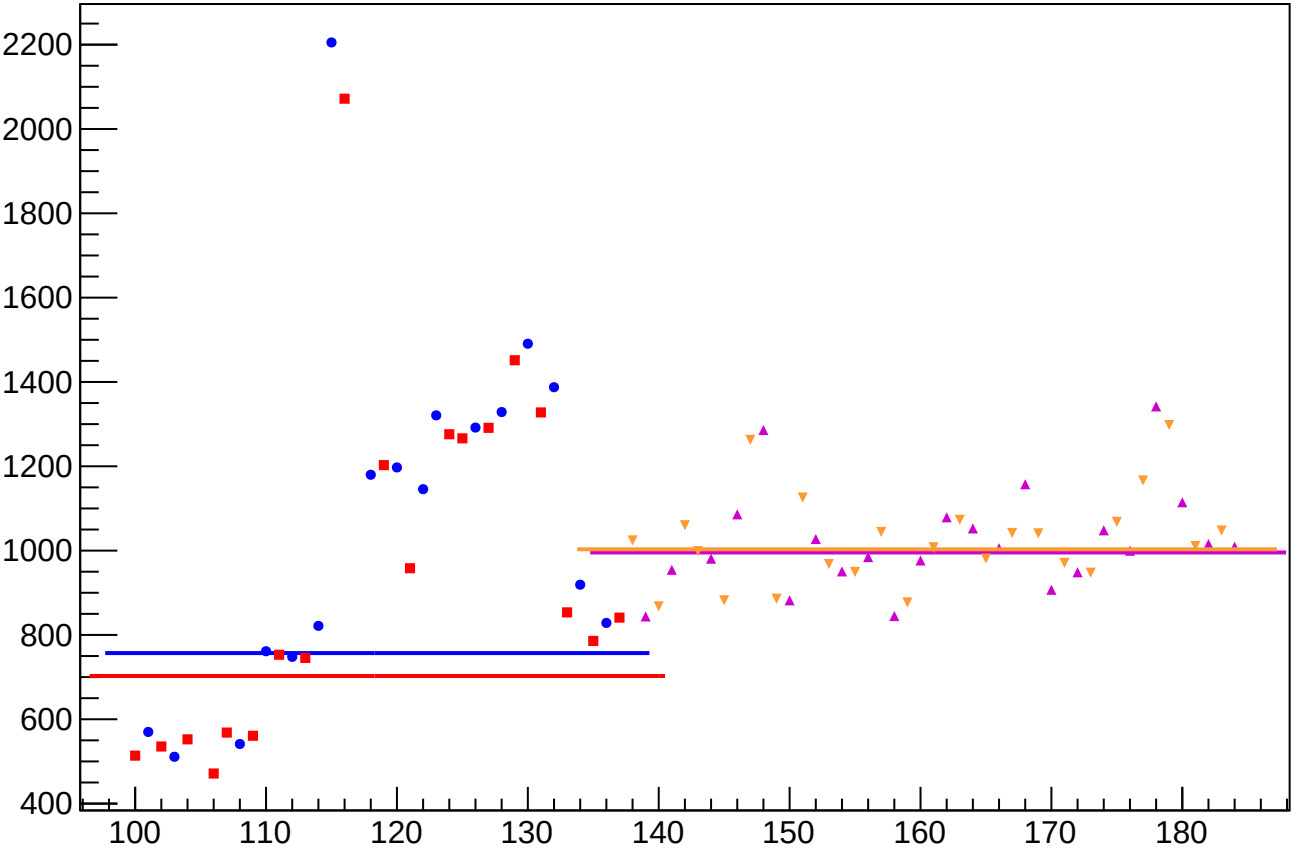
Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -84.820+/-189.982 χ^2/NDF:54.2/39

Out: 154.166+/-181.917 χ^2/NDF:49.0/42

All: 39.853+/-131.393 χ^2/NDF: 104.1/82

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 1003.066+/-0.168 χ^2/NDF:363323.2/23

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

Left: 999.354+/-0.119 χ^2/NDF: 788740.9/46

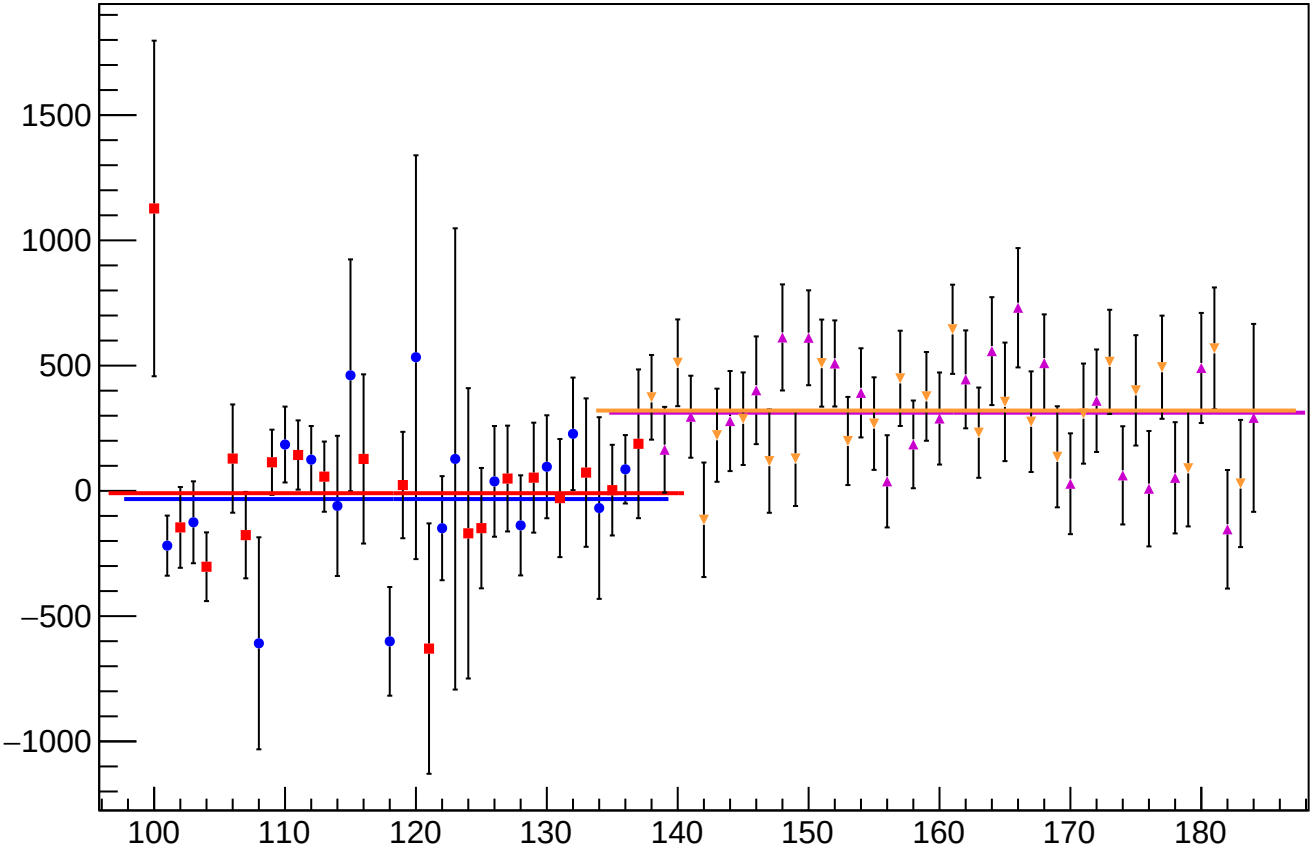
Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 907.403+/-0.134 χ^2/NDF:2870758.2/39

Out: 878.721+/-0.129 χ^2/NDF:3375984.4/42

All: 892.440+/-0.093 χ^2/NDF: 6270522.8/82

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 320.653+/-40.024 χ^2/NDF:19.1/23

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 312.097+/-41.646 χ^2/NDF:26.9/22

Left: 316.545+/-28.857 χ^2/NDF: 46.0/46

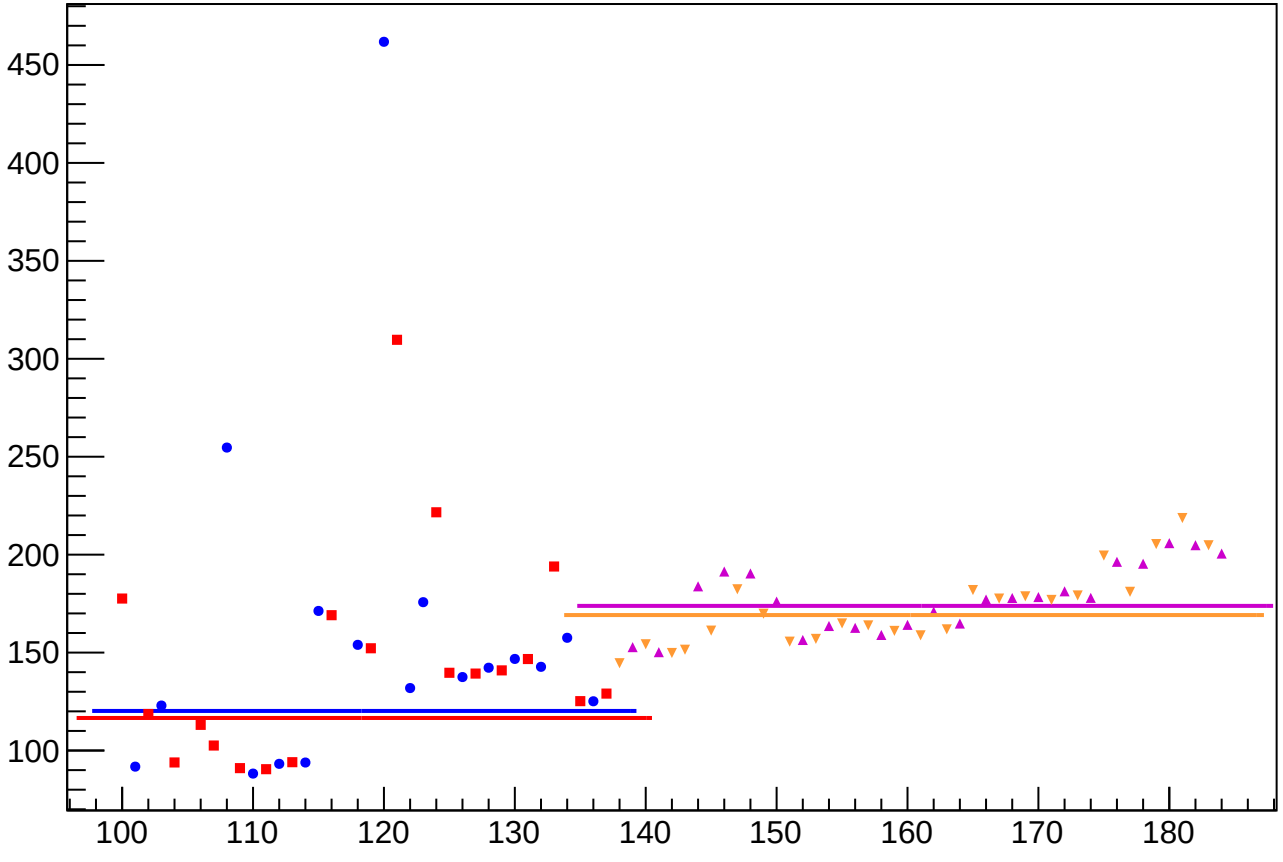
Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 165.529+/-31.577 χ^2/NDF:75.8/39

Out: 177.082+/-30.080 χ^2/NDF:63.3/42

All: 171.586+/-21.780 χ^2/NDF: 139.2/82

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 169.160+/-0.028 χ^2/NDF:377482.4/23

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

Left: 171.410+/-0.020 χ^2/NDF: 682381.2/46

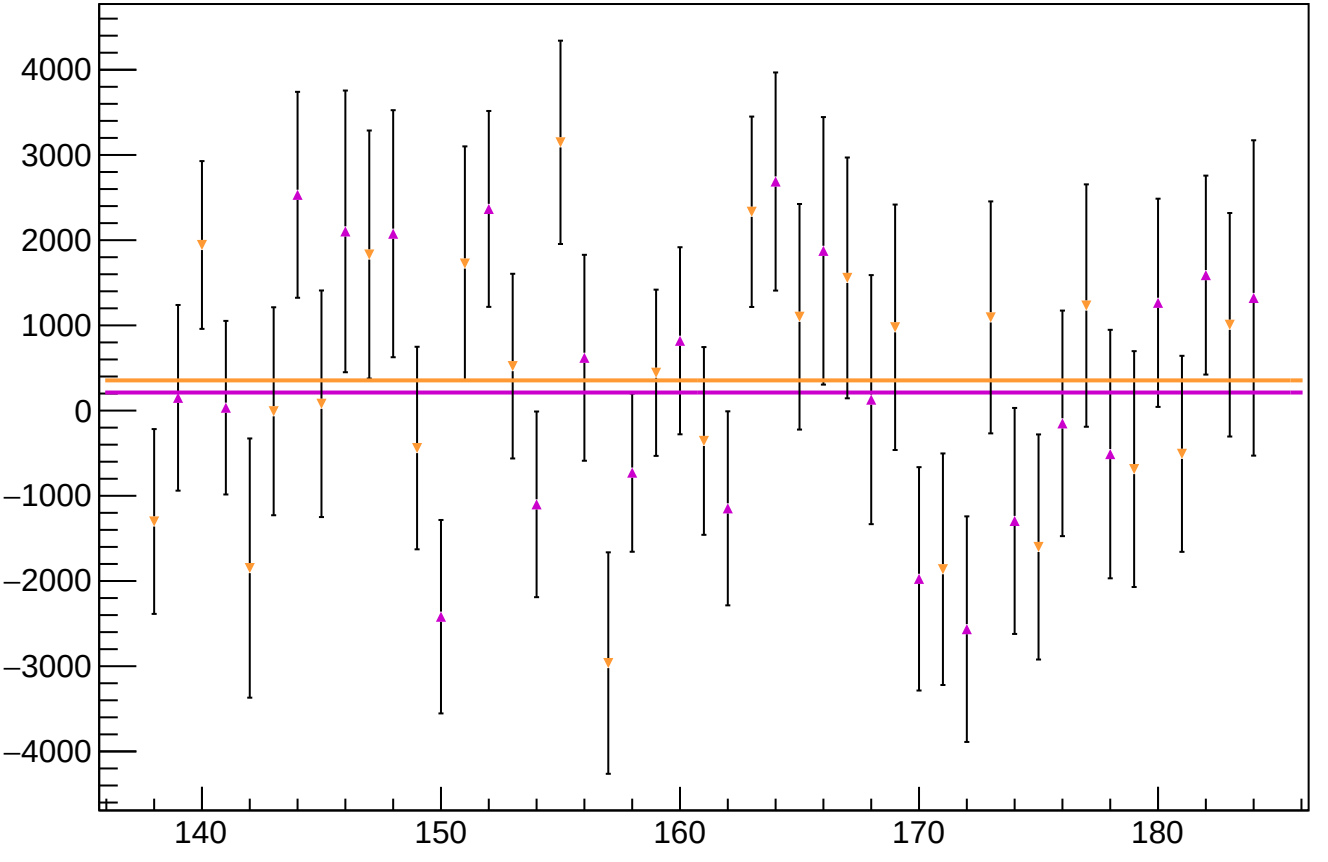
Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 151.045+/-0.022 χ^2/NDF:2764498.1/39

Out: 146.296+/-0.021 χ^2/NDF:2875281.1/42

All: 148.555+/-0.015 χ^2/NDF: 5663493.0/82

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 354.517+/-252.842 χ^2/NDF:33.3/23

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

Left In: 212.007+/-257.383 χ^2/NDF:36.0/22

Left: 284.530+/-180.371 χ^2/NDF: 69.6/46

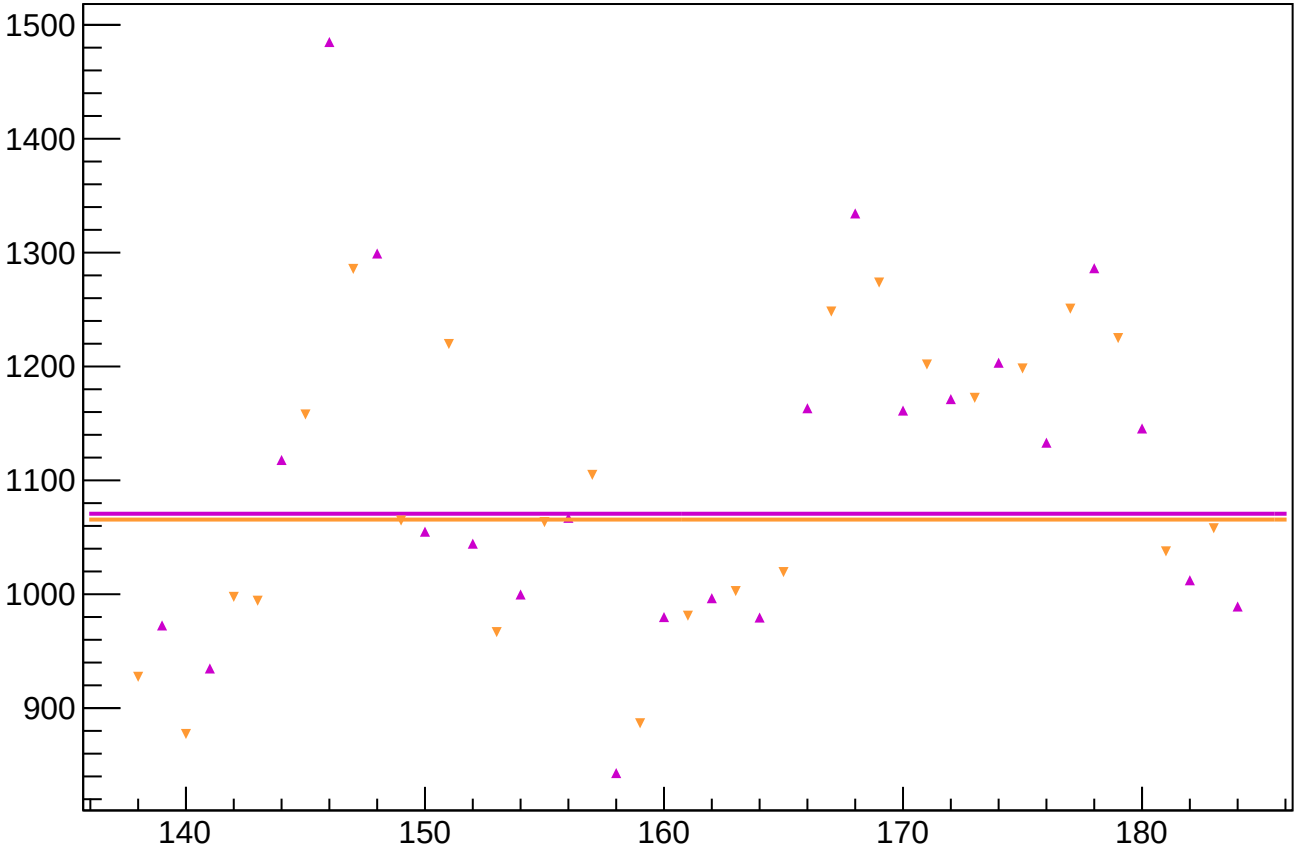
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 212.007+/-257.383 χ^2/NDF:36.0/22

Out: 354.517+/-252.842 χ^2/NDF:33.3/23

All: 284.530+/-180.371 χ^2/NDF: 69.6/46

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 1065.572+/-0.179 χ^2/NDF:492584.9/23

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

Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

Left: 1068.087+/-0.128 χ^2/NDF: 1063395.8/46

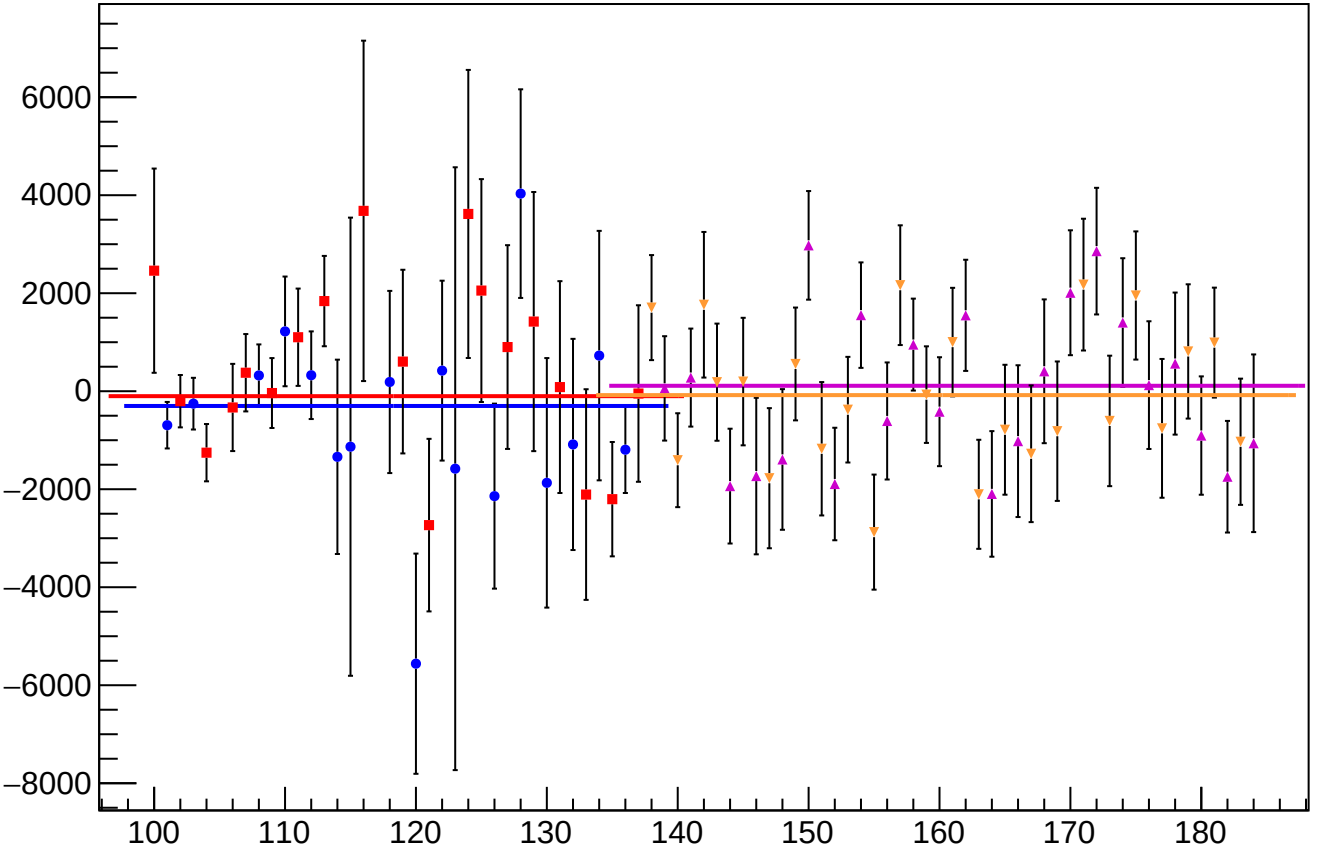
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

Out: 1065.572+/-0.179 χ^2/NDF:492584.9/23

All: 1068.087+/-0.128 χ^2/NDF: 1063395.8/46

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: -79.636+/-249.202 χ^2/NDF:30.9/23

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: 110.879+/-254.337 χ^2/NDF:35.2/22

Left: 13.679+/-178.000 χ^2/NDF: 66.3/46

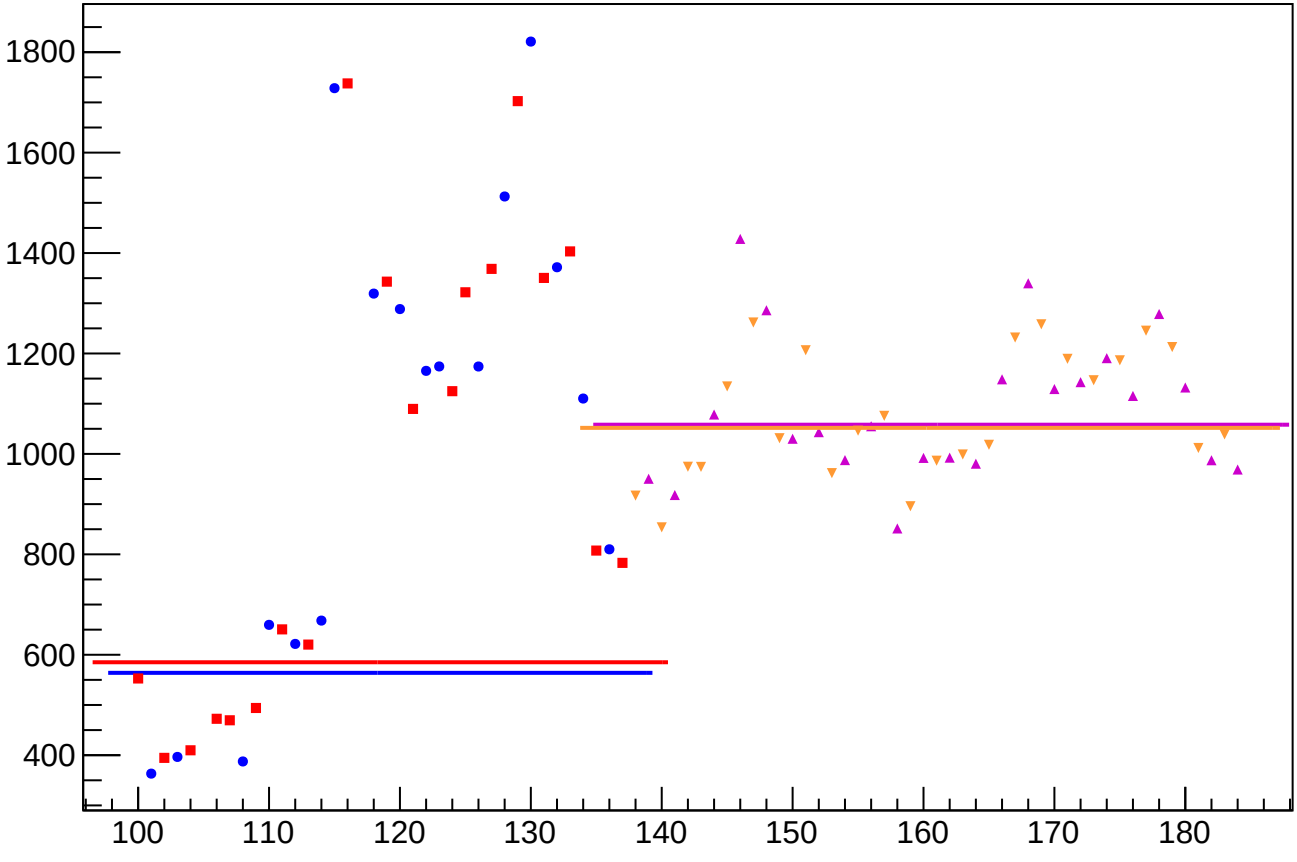
Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -98.567+/-178.306 χ^2/NDF:53.3/39

Out: -90.385+/-175.063 χ^2/NDF:53.4/42

All: -94.401+/-124.919 χ^2/NDF: 106.7/82

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1051.865+/-0.176 χ^2/NDF:481608.6/23

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

Left: 1054.945+/-0.126 χ^2/NDF: 1014492.5/46

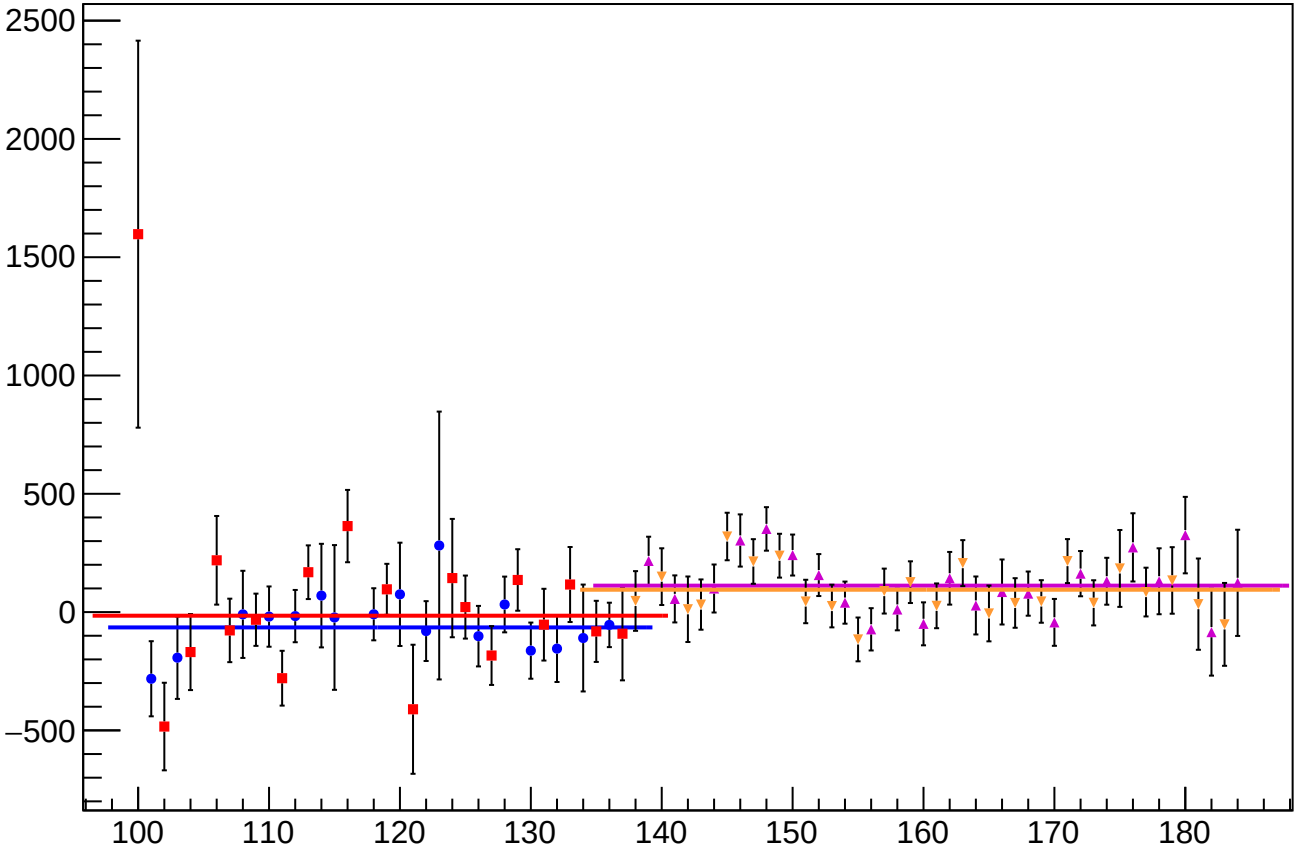
Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 806.871+/-0.126 χ^2/NDF:7632868.6/39

Out: 815.431+/-0.124 χ^2/NDF:6856816.4/42

All: 811.229+/-0.088 χ^2/NDF: 14492031.8/82

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 94.482+/-21.463 χ^2/NDF:22.6/23

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 111.732+/-21.971 χ^2/NDF:30.7/22

Left: 102.905+/-15.353 χ^2/NDF: 53.7/46

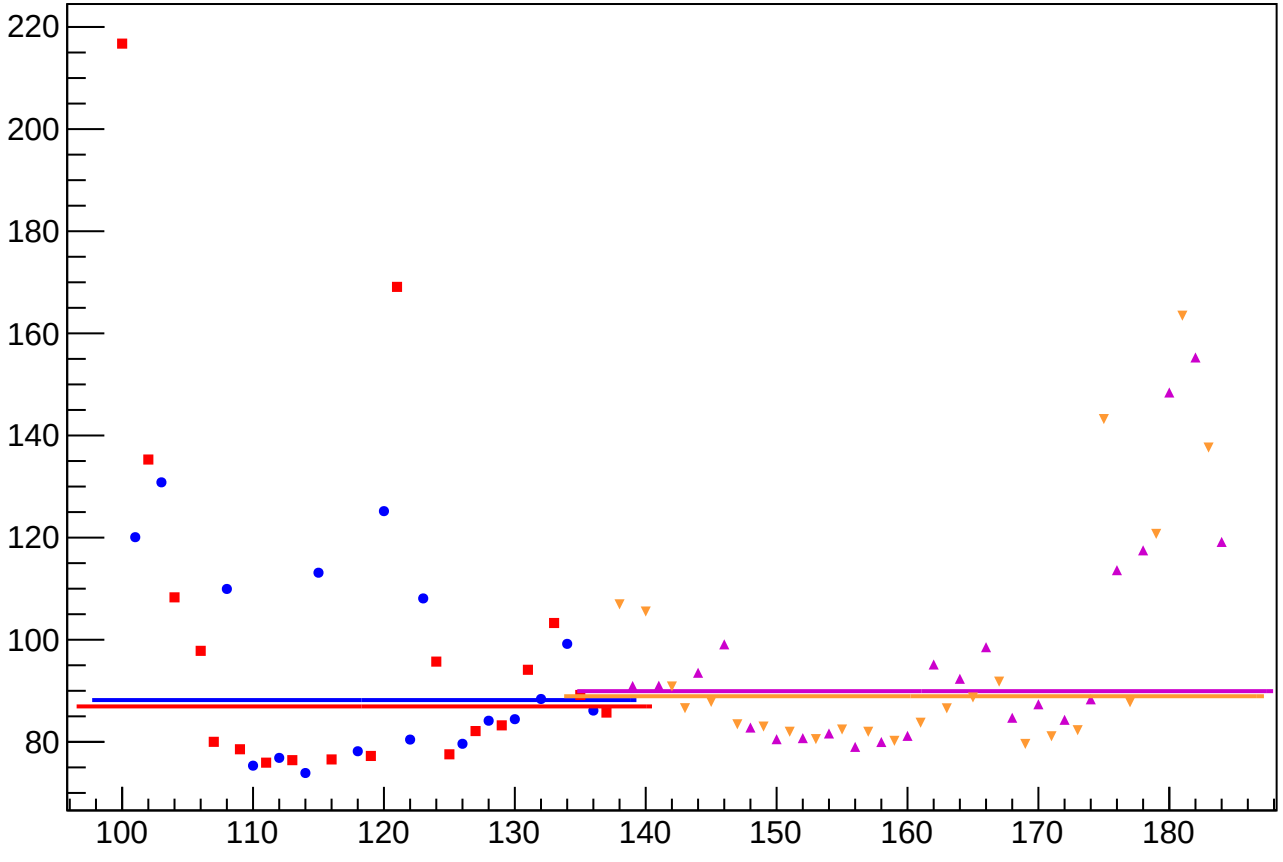
Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: 61.067+/-18.552 χ^2/NDF:55.4/39

Out: 62.429+/-18.060 χ^2/NDF:65.3/42

All: 61.766+/-12.941 χ^2/NDF: 120.7/82

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 88.938+/-0.015 χ^2/NDF:997559.8/23

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

Left: 89.425+/-0.011 χ^2/NDF: 1873791.3/46

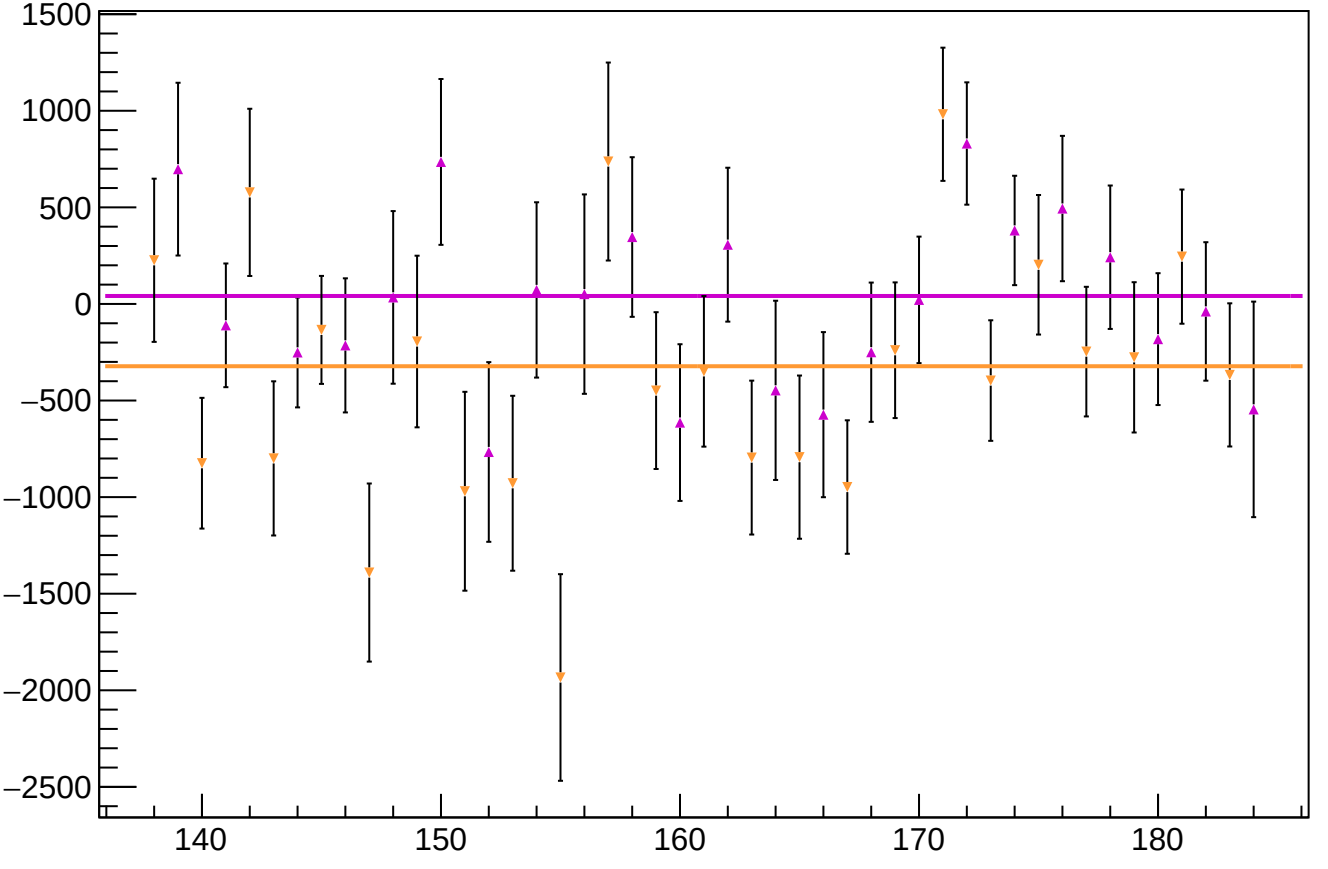
Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 89.432+/-0.013 χ^2/NDF:1272210.3/39

Out: 88.356+/-0.013 χ^2/NDF:1533967.1/42

All: 88.880+/-0.009 χ^2/NDF: 2809636.1/82

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -322.460+/-78.340 χ^2/NDF:57.6/23

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

Left In: 41.244+/-78.858 χ^2/NDF:28.0/22

Left: -141.805+/-55.577 χ^2/NDF: 96.3/46

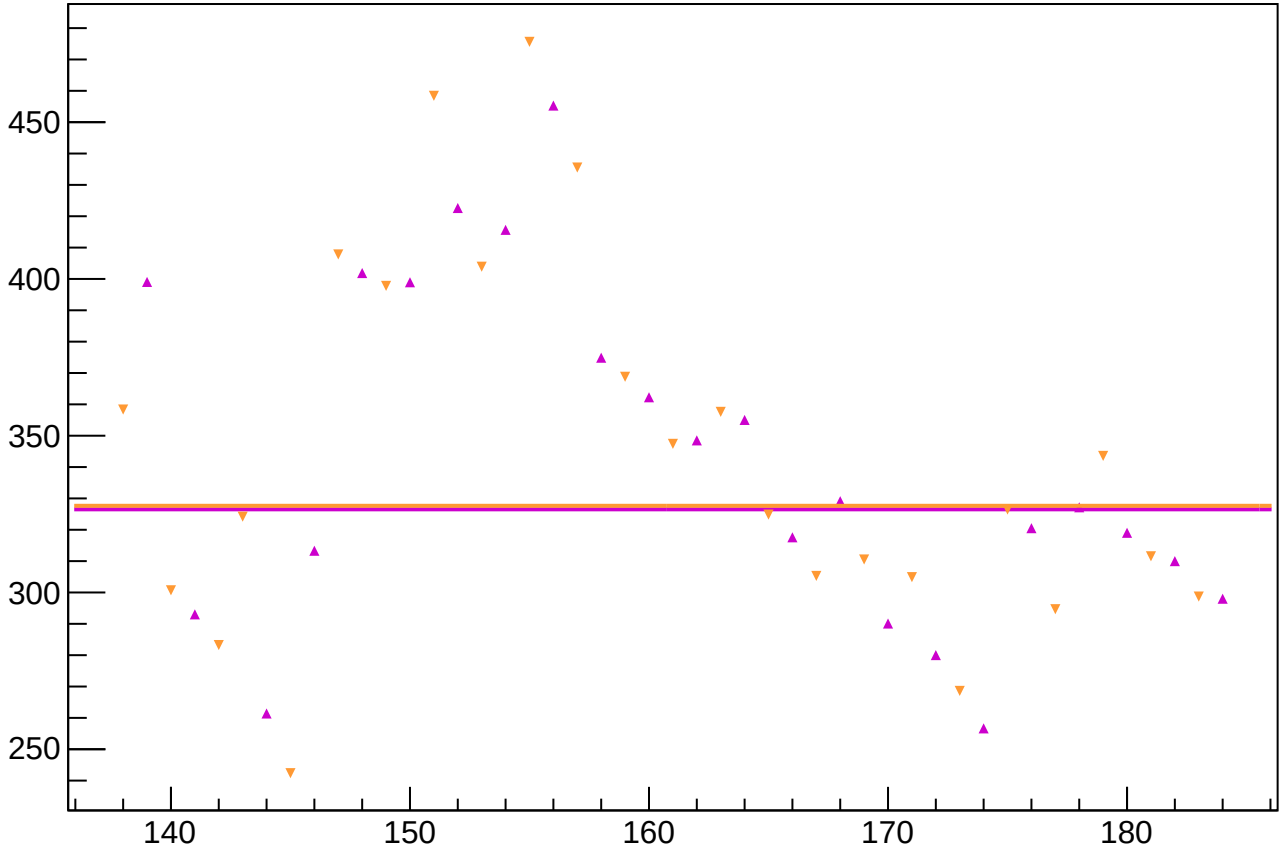
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.244+/-78.858 χ^2/NDF:28.0/22

Out: -322.460+/-78.340 χ^2/NDF:57.6/23

All: -141.805+/-55.577 χ^2/NDF: 96.3/46

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 327.647+/-0.055 χ^2/NDF:938275.7/23

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

Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

Left: 327.086+/-0.039 χ^2/NDF: 1779636.0/46

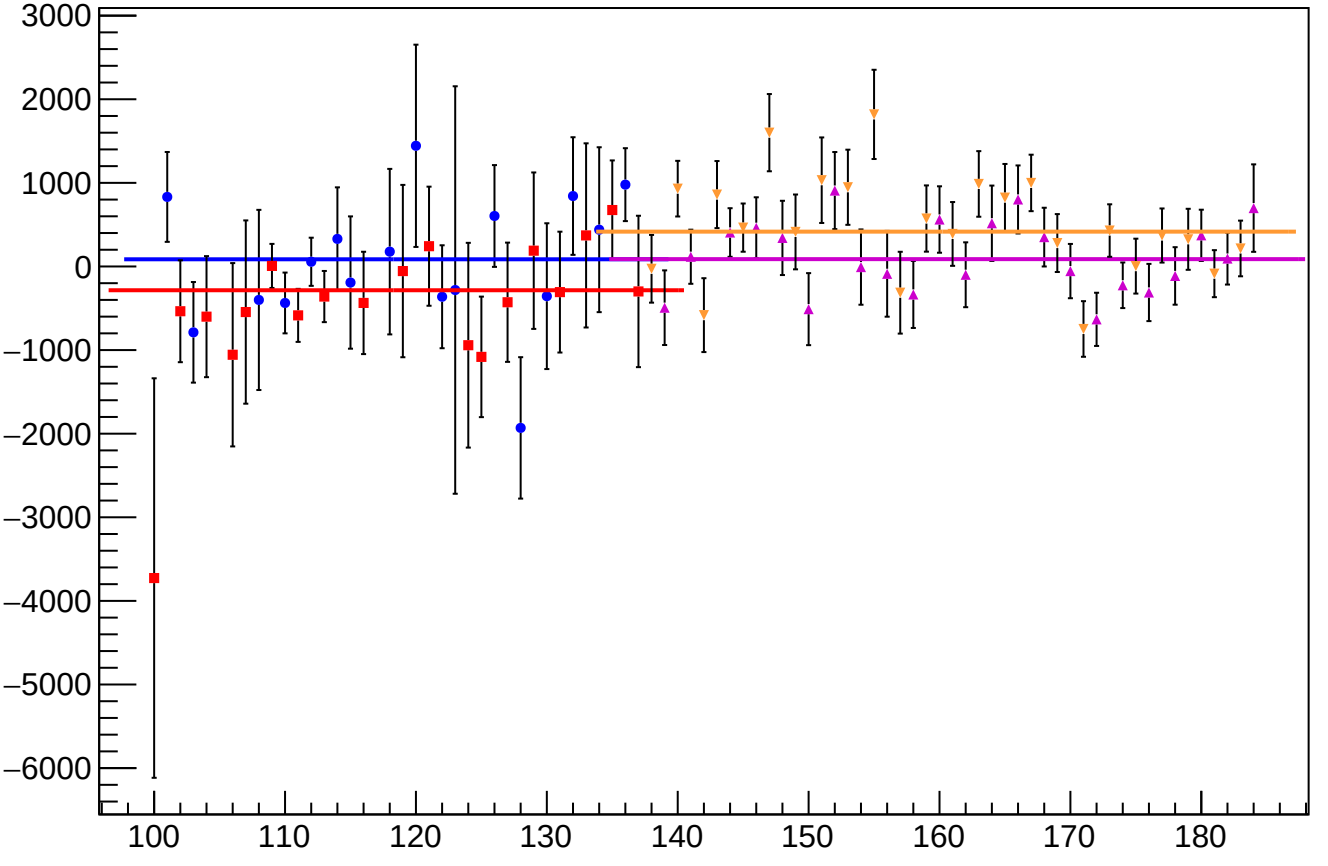
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 326.516+/-0.056 χ^2/NDF:841153.2/22

Out: 327.647+/-0.055 χ^2/NDF:938275.7/23

All: 327.086+/-0.039 χ^2/NDF: 1779636.0/46

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 416.626+/-75.628 χ^2/NDF:52.4/23

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 87.657+/-76.572 χ^2/NDF:27.4/22

Left: 254.181+/-53.808 χ^2/NDF: 89.2/46

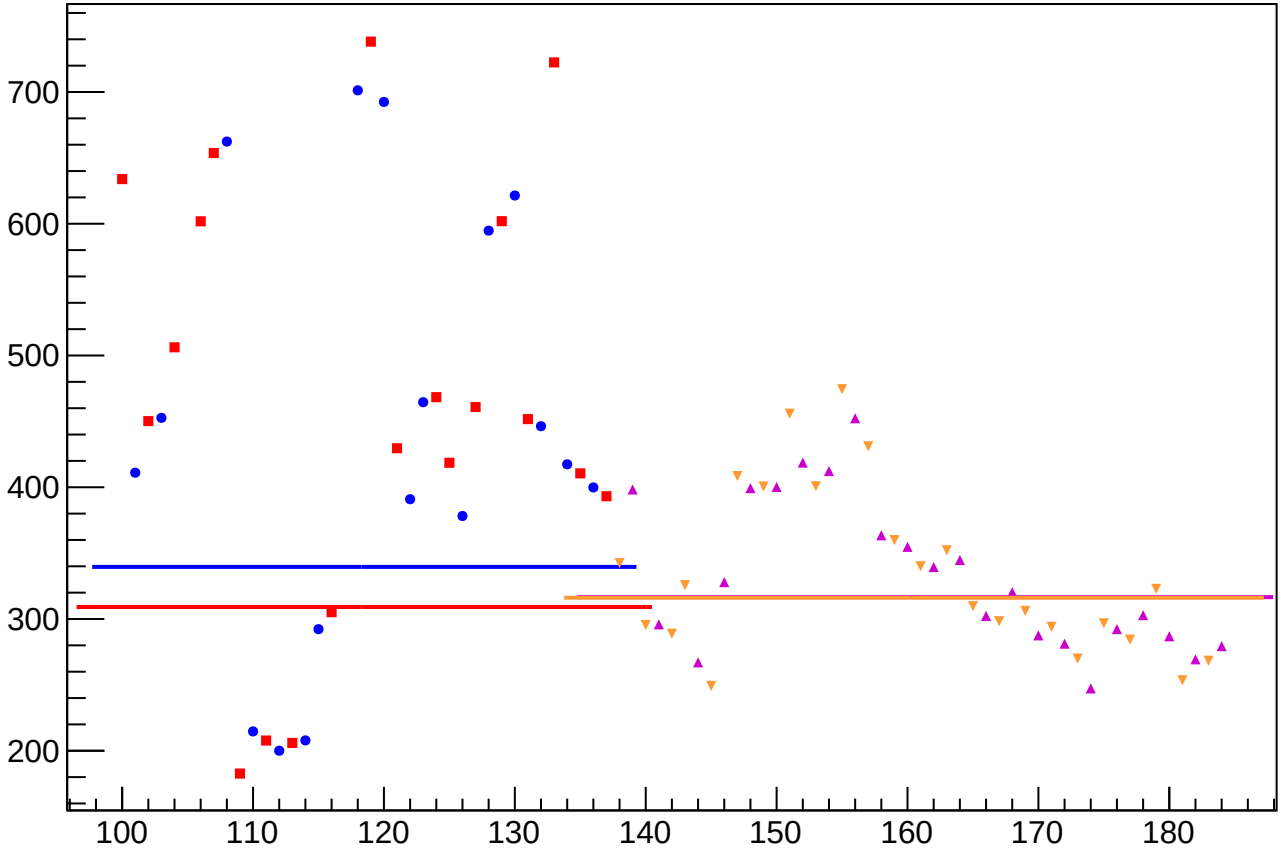
Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 87.243+/-67.461 χ^2/NDF:48.0/39

Out: 238.531+/-65.320 χ^2/NDF:84.8/42

All: 165.327+/-46.927 χ^2/NDF: 135.4/82

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 316.156+/-0.053 χ^2/NDF:1066771.7/23

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

Left: 316.383+/-0.038 χ^2/NDF: 1996460.3/46

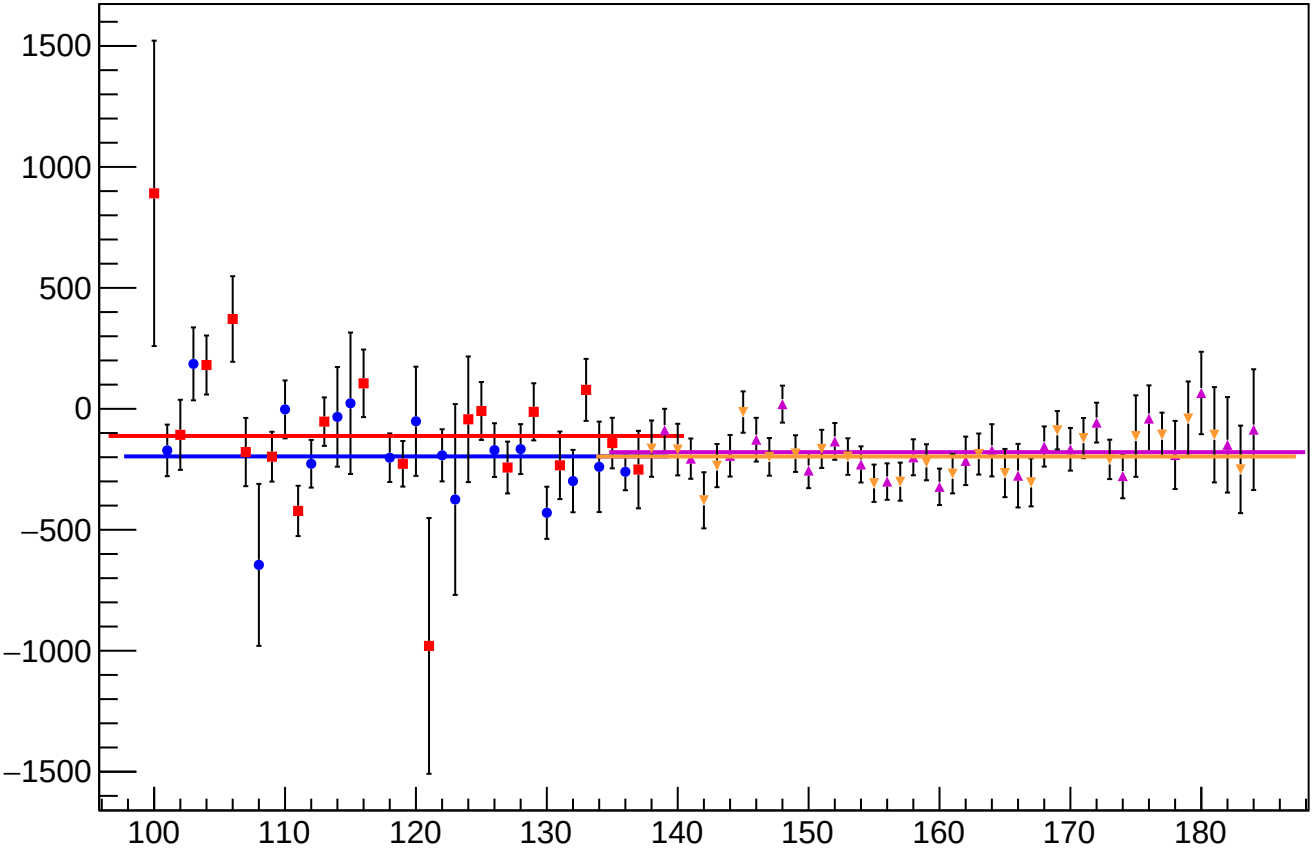
Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 321.749+/-0.048 χ^2/NDF:3012057.0/39

Out: 314.365+/-0.046 χ^2/NDF:3801497.0/42

All: 317.938+/-0.033 χ^2/NDF: 6825922.2/82

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -197.130+/-18.621 χ^2/NDF:19.2/23

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -179.154+/-19.112 χ^2/NDF:23.9/22

Left: -188.376+/-13.337 χ^2/NDF: 43.5/46

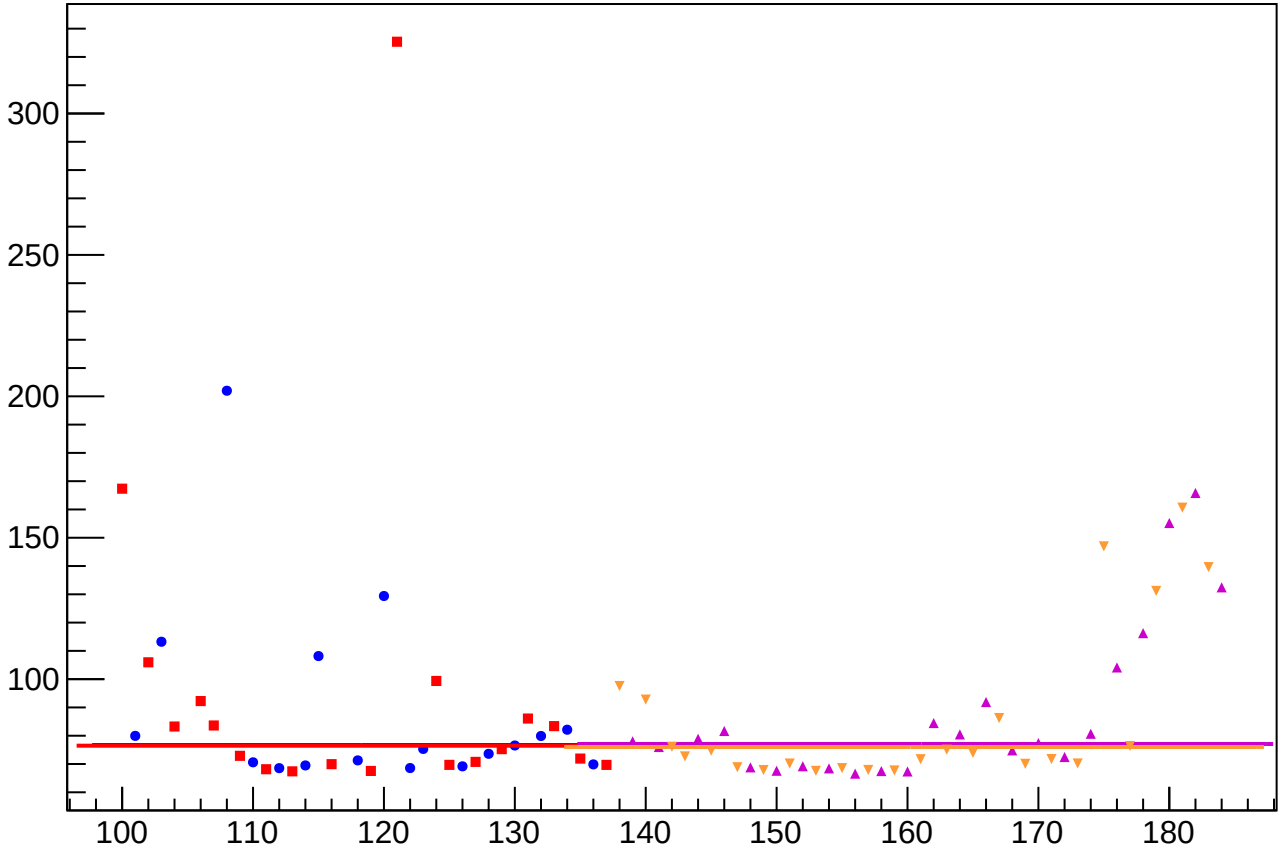
Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -184.096+/-16.180 χ^2/NDF:43.1/39

Out: -173.046+/-15.765 χ^2/NDF:64.4/42

All: -178.427+/-11.291 χ^2/NDF: 107.8/82

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 76.020+/-0.013 χ^2/NDF:1546492.4/23

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

Left: 76.536+/-0.009 χ^2/NDF: 2972625.8/46

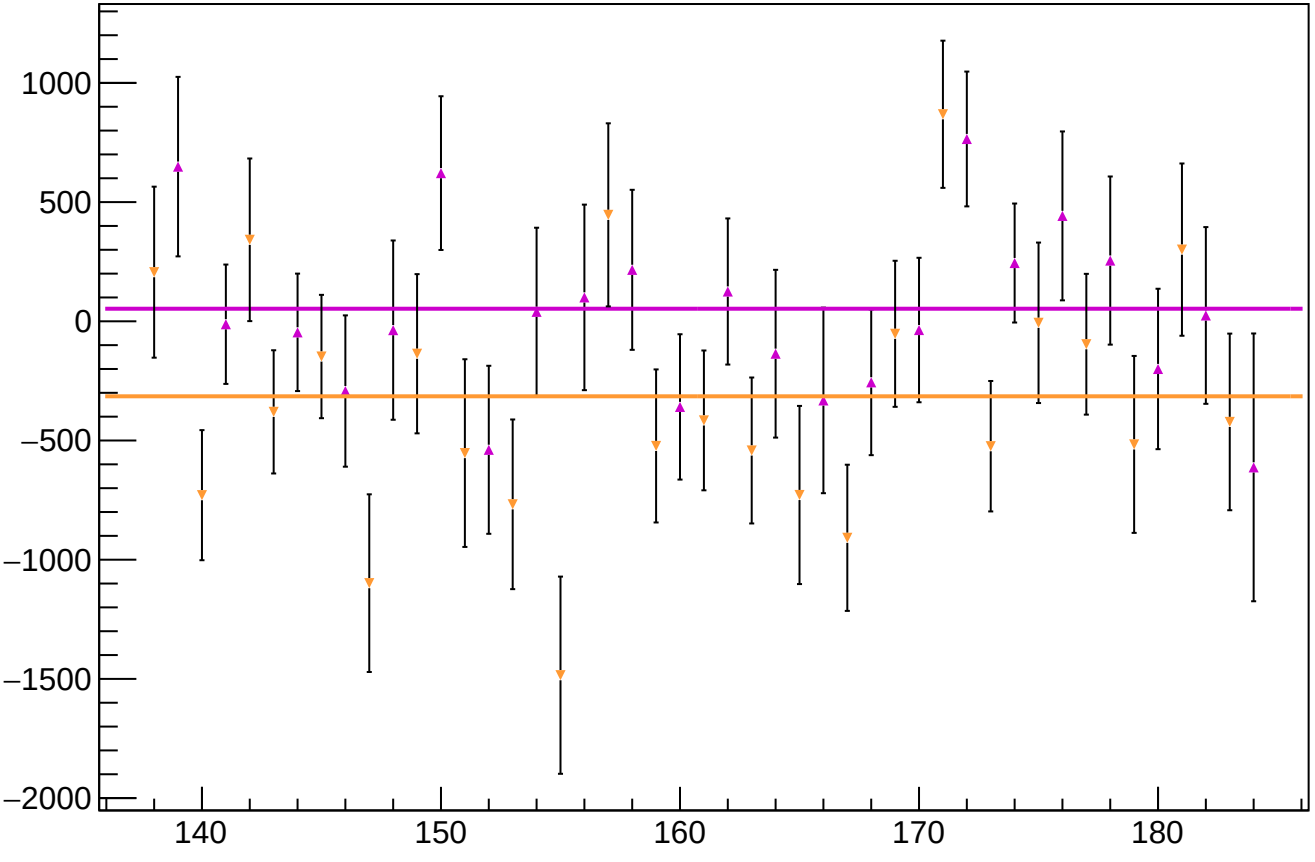
Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 76.970+/-0.011 χ^2/NDF:2023562.0/39

Out: 76.150+/-0.011 χ^2/NDF:2246197.9/42

All: 76.549+/-0.008 χ^2/NDF: 4272393.2/82

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -314.602+/-65.983 χ^2/NDF:54.0/23

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

Left In: 52.759+/-67.539 χ^2/NDF:24.9/22

Left: -135.201+/-47.198 χ^2/NDF: 94.0/46

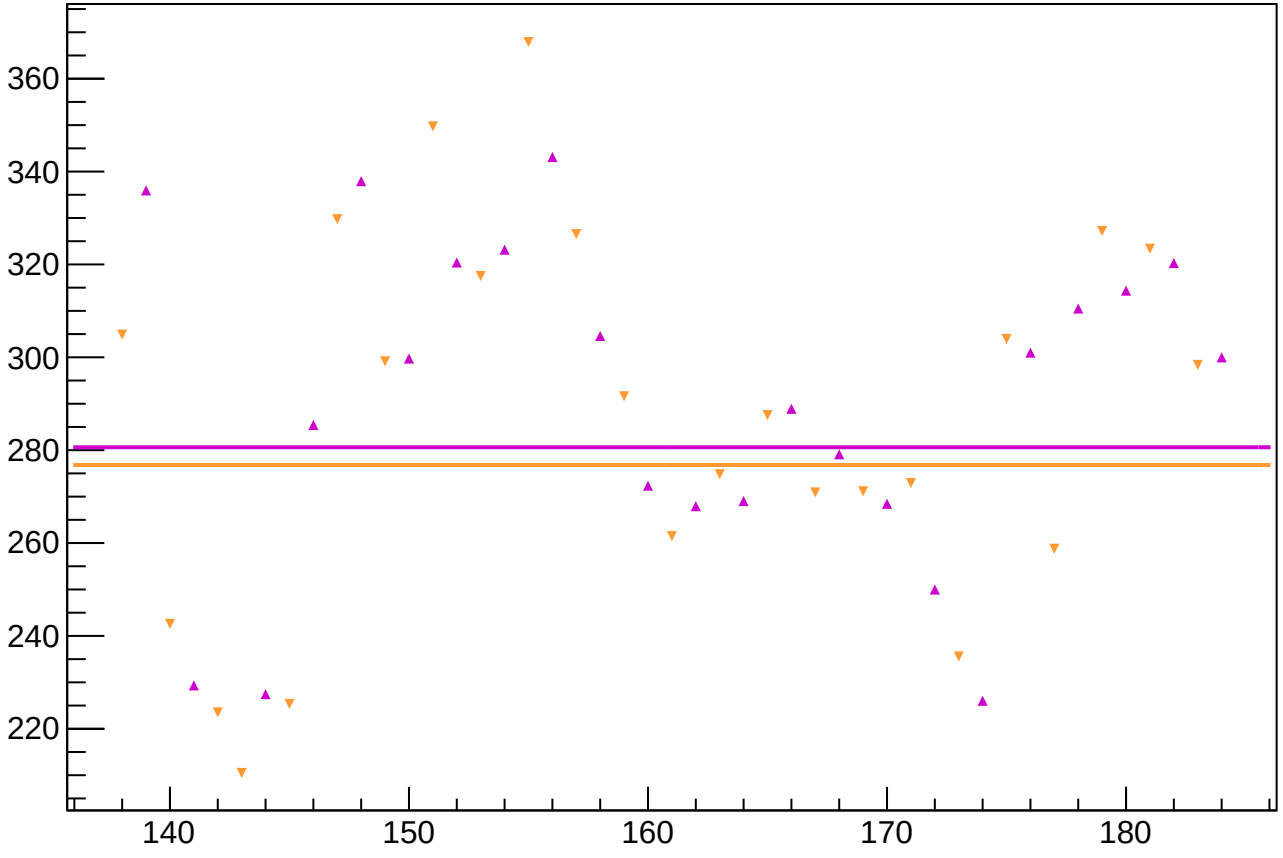
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 52.759+/-67.539 χ^2/NDF:24.9/22

Out: -314.602+/-65.983 χ^2/NDF:54.0/23

All: -135.201+/-47.198 χ^2/NDF: 94.0/46

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 276.810+/-0.047 χ^2/NDF:733936.1/23

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

Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

Left: 278.675+/-0.033 χ^2/NDF: 1324622.9/46

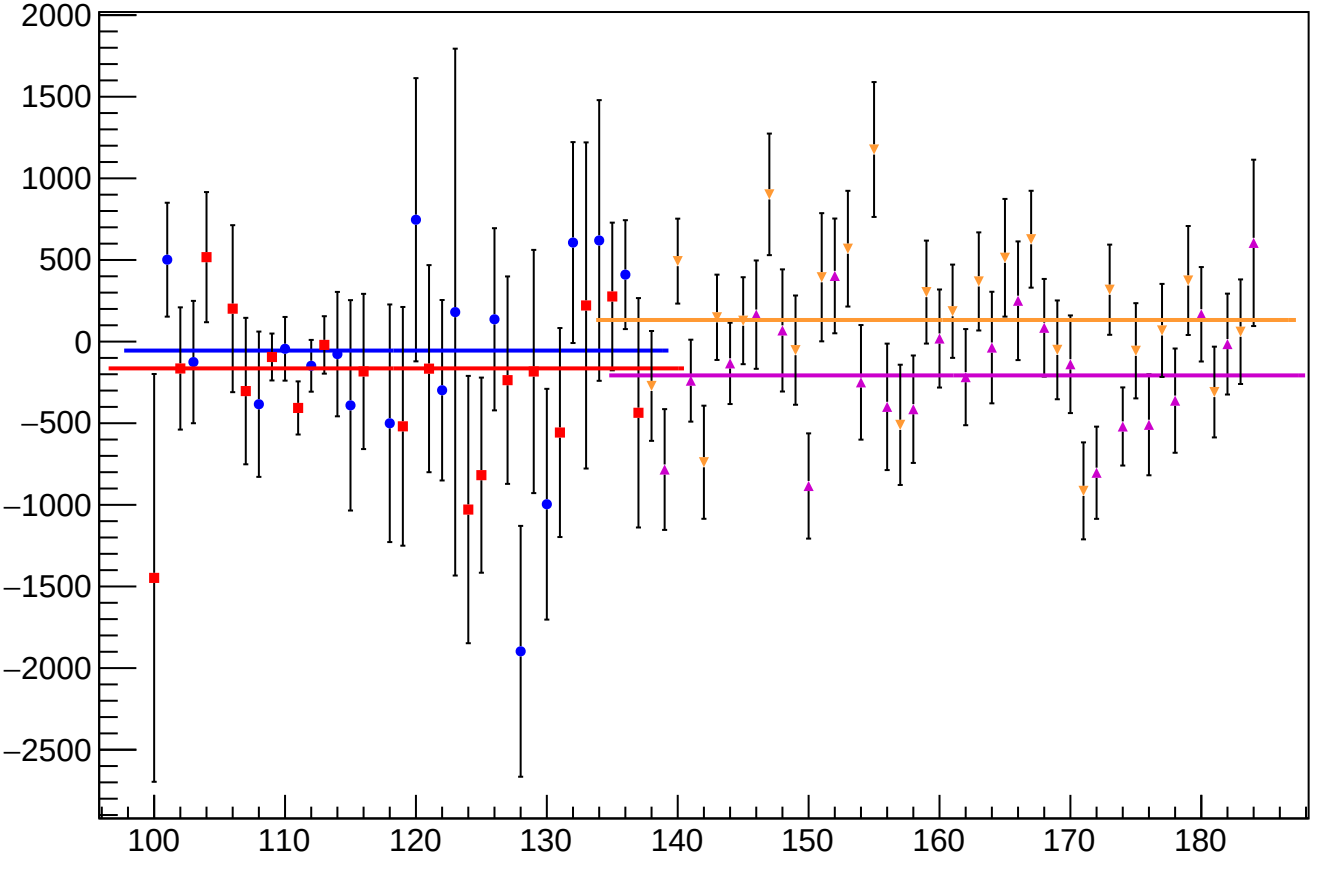
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 280.628+/-0.048 χ^2/NDF:587415.9/22

Out: 276.810+/-0.047 χ^2/NDF:733936.1/23

All: 278.675+/-0.033 χ^2/NDF: 1324622.9/46

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 132.415+/-63.496 χ^2/NDF:47.3/23

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -207.047+/-65.246 χ^2/NDF:27.8/22

Left: -32.701+/-45.505 χ^2/NDF: 89.0/46

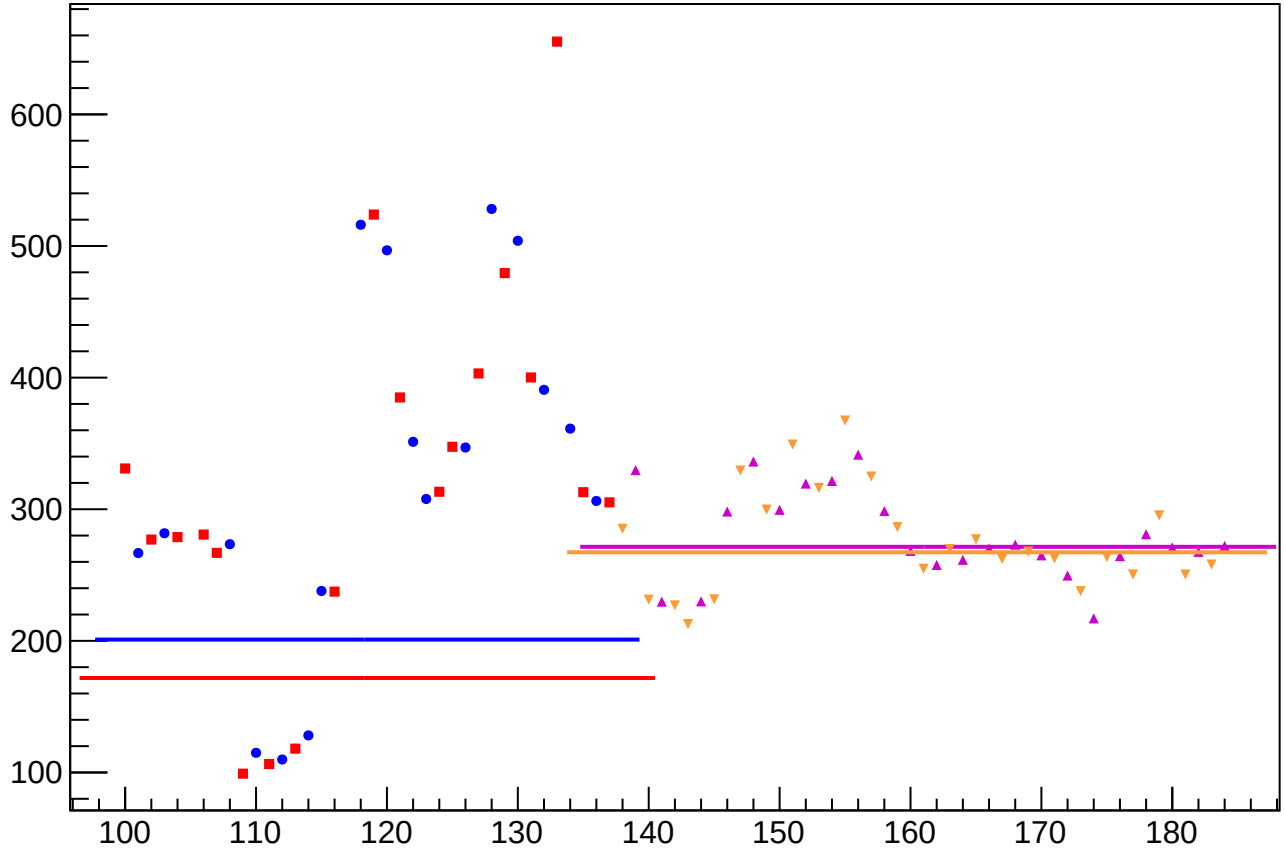
Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -154.913+/-52.897 χ^2/NDF:46.2/39

Out: 12.200+/-48.963 χ^2/NDF:68.0/42

All: -64.912+/-35.932 χ^2/NDF: 119.6/82

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 267.282+/-0.045 χ^2/NDF:627277.6/23

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

Left: 269.310+/-0.032 χ^2/NDF: 1162368.1/46

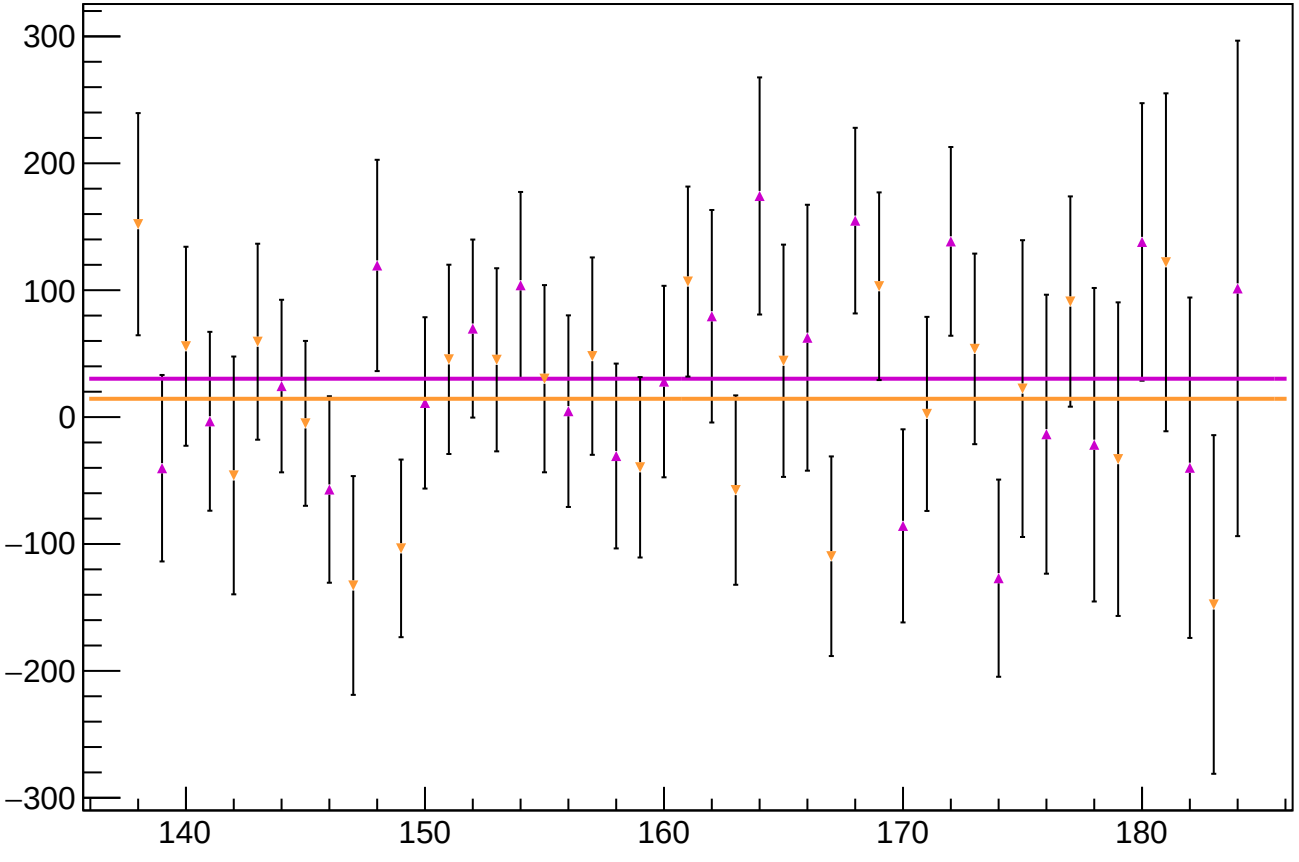
Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 247.295+/-0.037 χ^2/NDF:4766889.5/39

Out: 228.574+/-0.035 χ^2/NDF:6553462.4/42

All: 237.213+/-0.025 χ^2/NDF: 11455267.7/82

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 14.430+/-16.583 χ^2/NDF:20.4/23

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

Left In: 30.236+/-17.031 χ^2/NDF:21.9/22

Left: 22.122+/-11.881 χ^2/NDF: 42.8/46

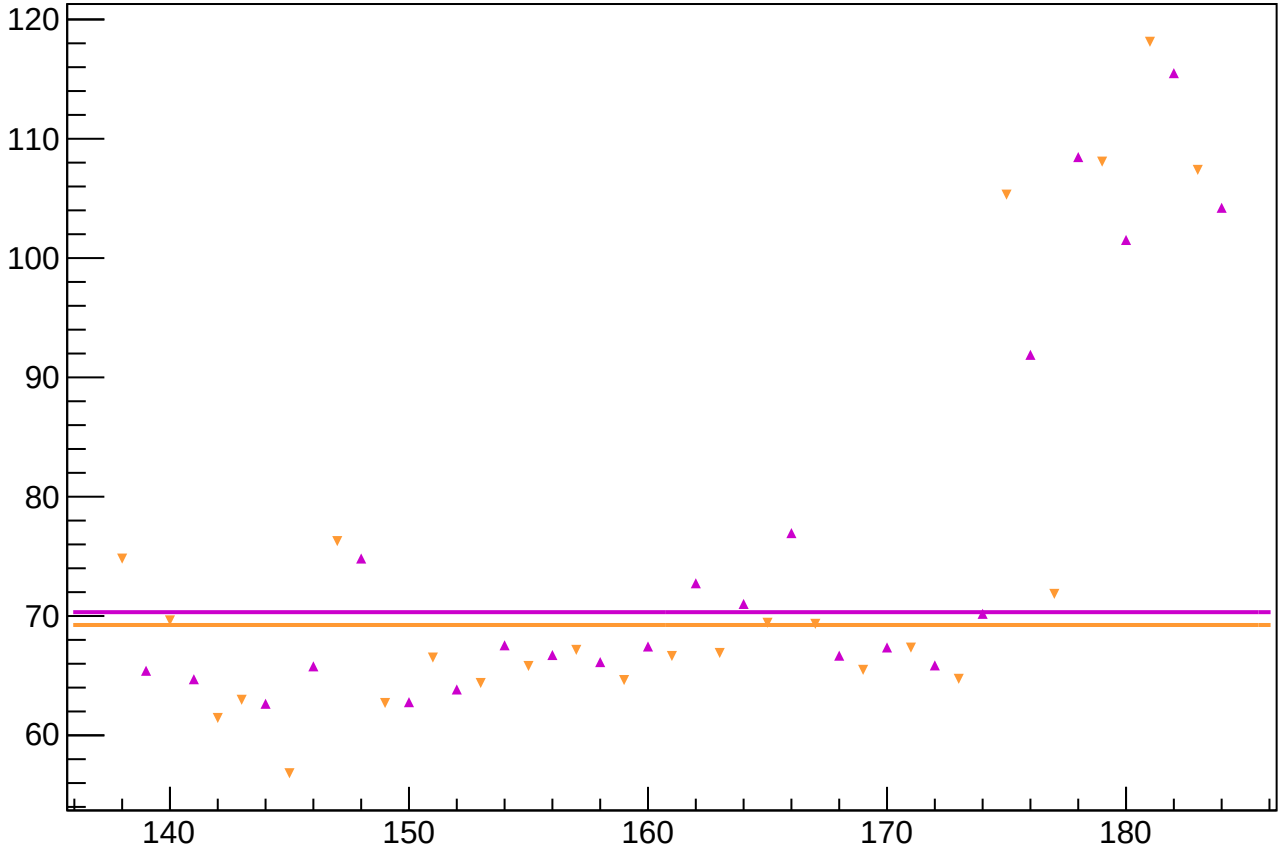
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 30.236+/-17.031 χ^2/NDF:21.9/22

Out: 14.430+/-16.583 χ^2/NDF:20.4/23

All: 22.122+/-11.881 χ^2/NDF: 42.8/46

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 69.248+/-0.012 χ^2/NDF:1005820.4/23

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

Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

Left: 69.771+/-0.008 χ^2/NDF: 1872011.2/46

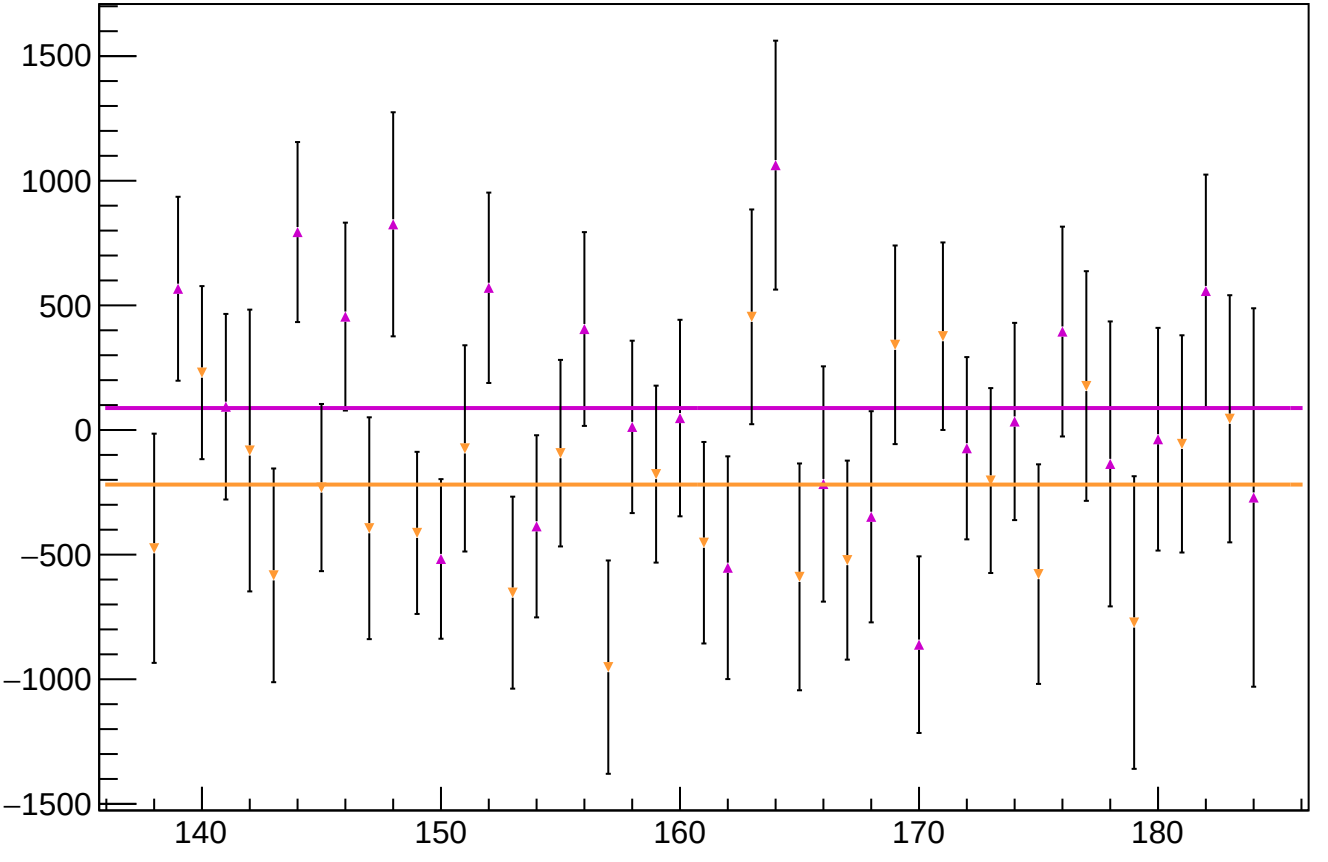
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 70.322+/-0.012 χ^2/NDF:862105.7/22

Out: 69.248+/-0.012 χ^2/NDF:1005820.4/23

All: 69.771+/-0.008 χ^2/NDF: 1872011.2/46

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -218.940+/-83.488 χ^2/NDF:18.9/23

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

Left In: 88.062+/-84.309 χ^2/NDF:33.5/22

Left: -66.941+/-59.323 χ^2/NDF: 59.1/46

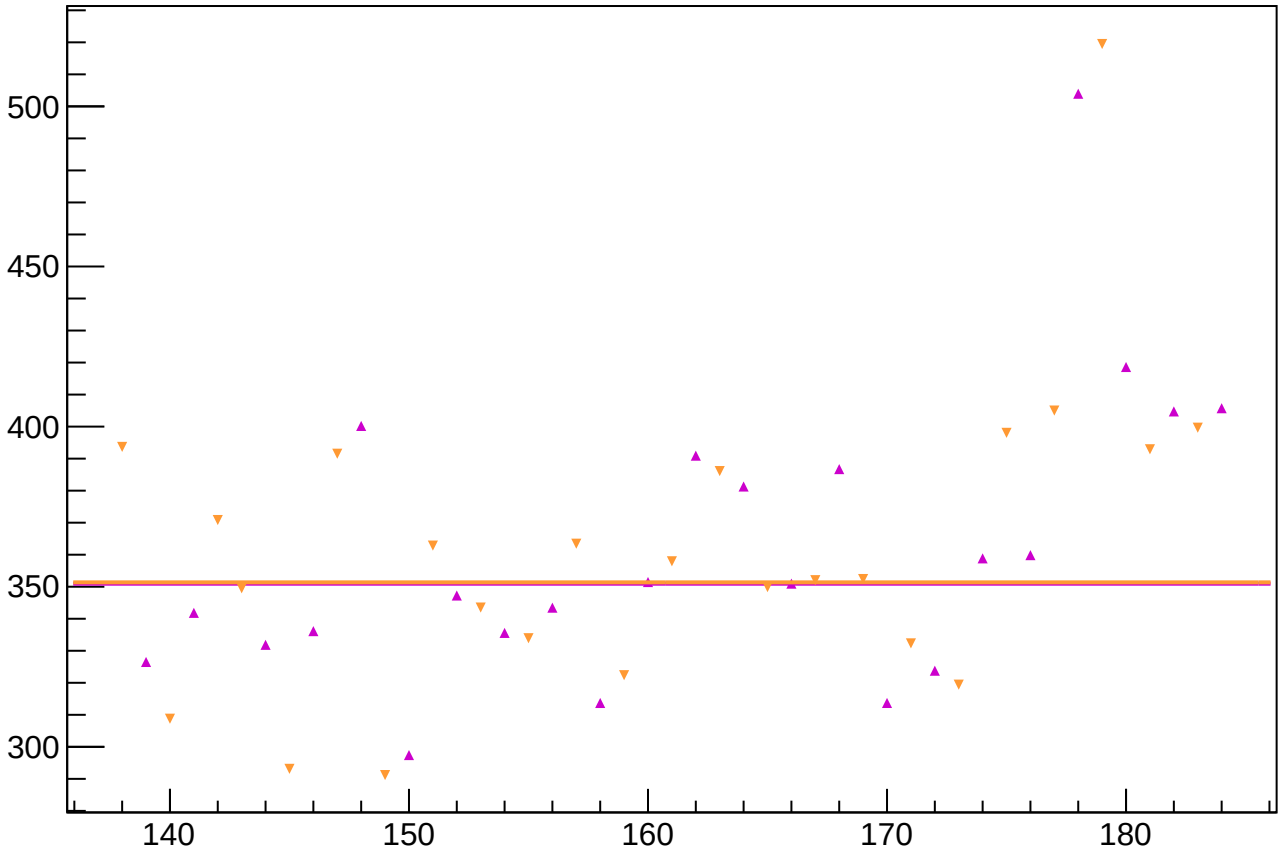
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 88.062+/-84.309 χ^2/NDF:33.5/22

Out: -218.940+/-83.488 χ^2/NDF:18.9/23

All: -66.941+/-59.323 χ^2/NDF: 59.1/46

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 351.362+/-0.059 χ^2/NDF:500523.4/23

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

Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

Left: 351.156+/-0.042 χ^2/NDF: 925424.6/46

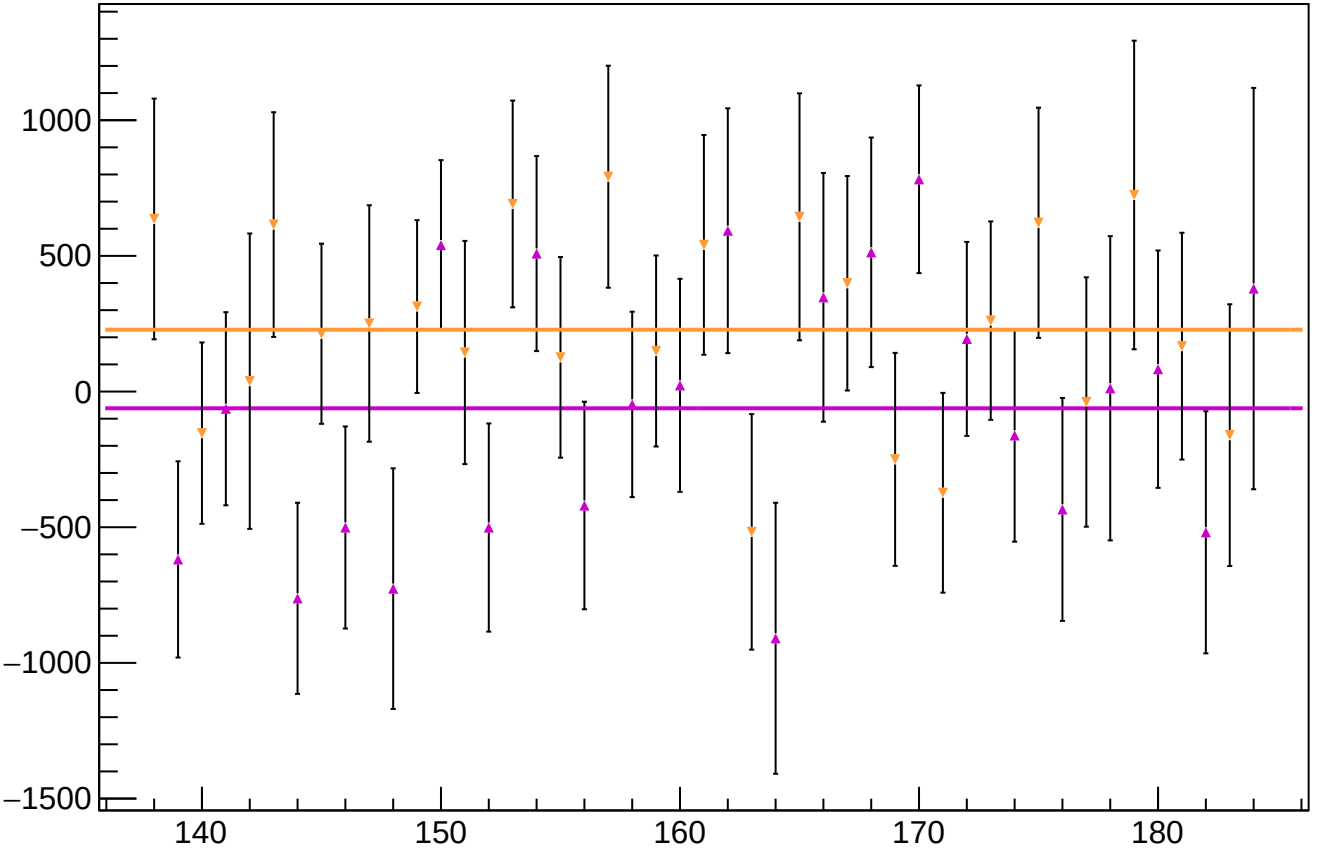
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 350.944+/-0.060 χ^2/NDF:424876.4/22

Out: 351.362+/-0.059 χ^2/NDF:500523.4/23

All: 351.156+/-0.042 χ^2/NDF: 925424.6/46

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 228.000+/-81.920 χ^2/NDF:18.1/23

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

Left In: -61.730+/-82.841 χ^2/NDF:34.9/22

Left: 84.754+/-58.249 χ^2/NDF: 59.2/46

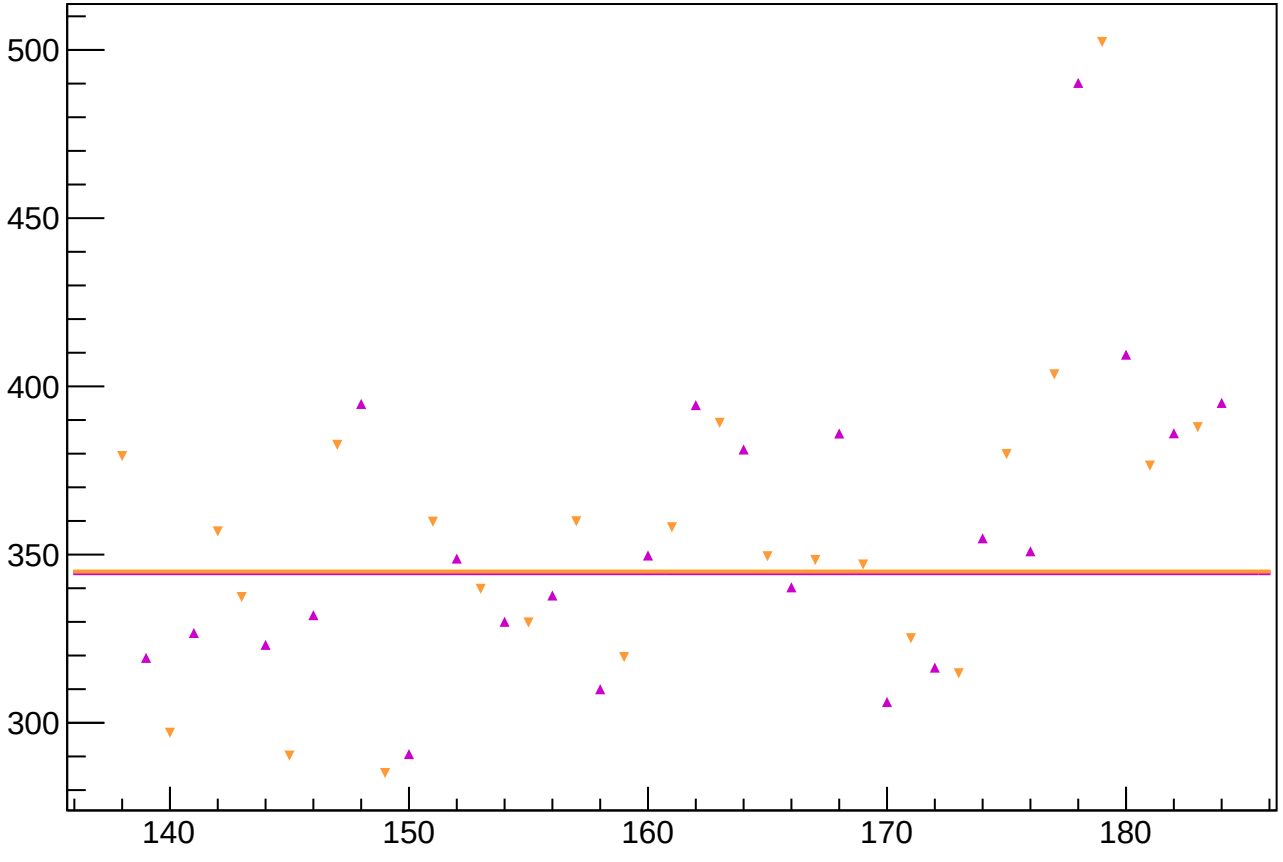
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -61.730+/-82.841 χ^2/NDF:34.9/22

Out: 228.000+/-81.920 χ^2/NDF:18.1/23

All: 84.754+/-58.249 χ^2/NDF: 59.2/46

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 344.969+/-0.058 χ^2/NDF:483368.4/23

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

Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

Left: 344.725+/-0.041 χ^2/NDF: 916806.0/46

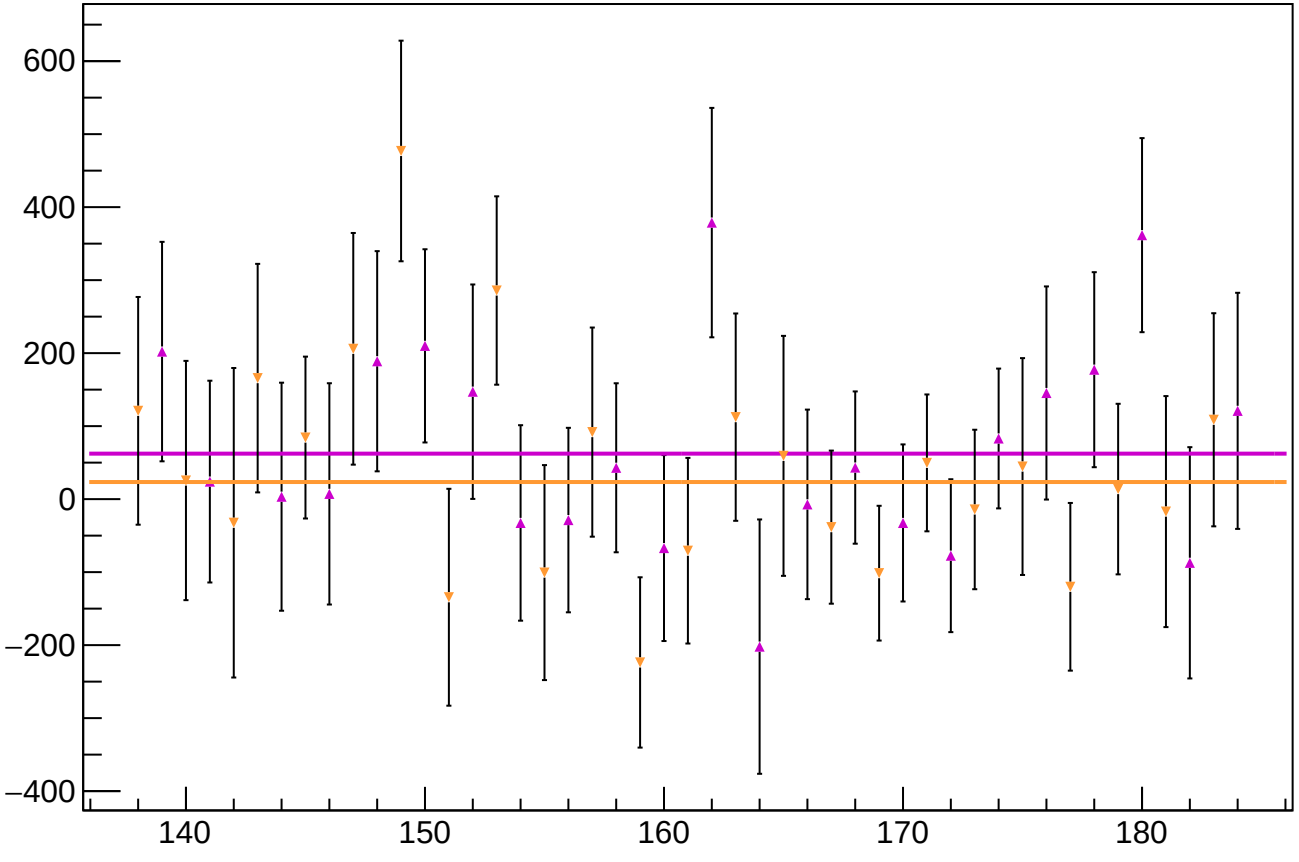
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 344.475+/-0.059 χ^2/NDF:433401.7/22

Out: 344.969+/-0.058 χ^2/NDF:483368.4/23

All: 344.725+/-0.041 χ^2/NDF: 916806.0/46

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 23.433+/-26.579 χ^2/NDF:28.0/23

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

Left In: 62.310+/-27.398 χ^2/NDF:22.0/22

Left: 42.282+/-19.077 χ^2/NDF: 51.0/46

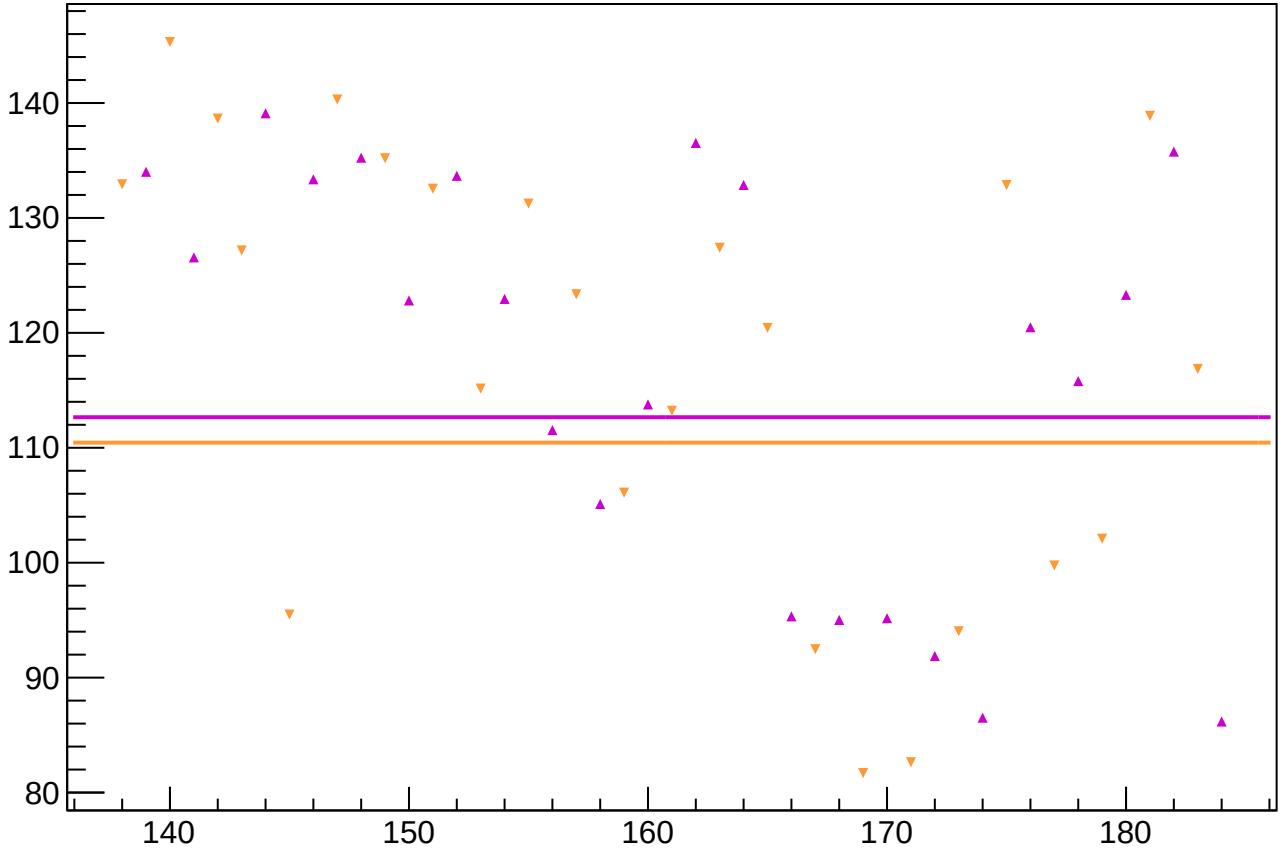
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.310+/-27.398 χ^2/NDF:22.0/22

Out: 23.433+/-26.579 χ^2/NDF:28.0/23

All: 42.282+/-19.077 χ^2/NDF: 51.0/46

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 110.447+/-0.019 χ^2/NDF:1109241.7/23

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

Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

Left: 111.519+/-0.013 χ^2/NDF: 1951774.8/46

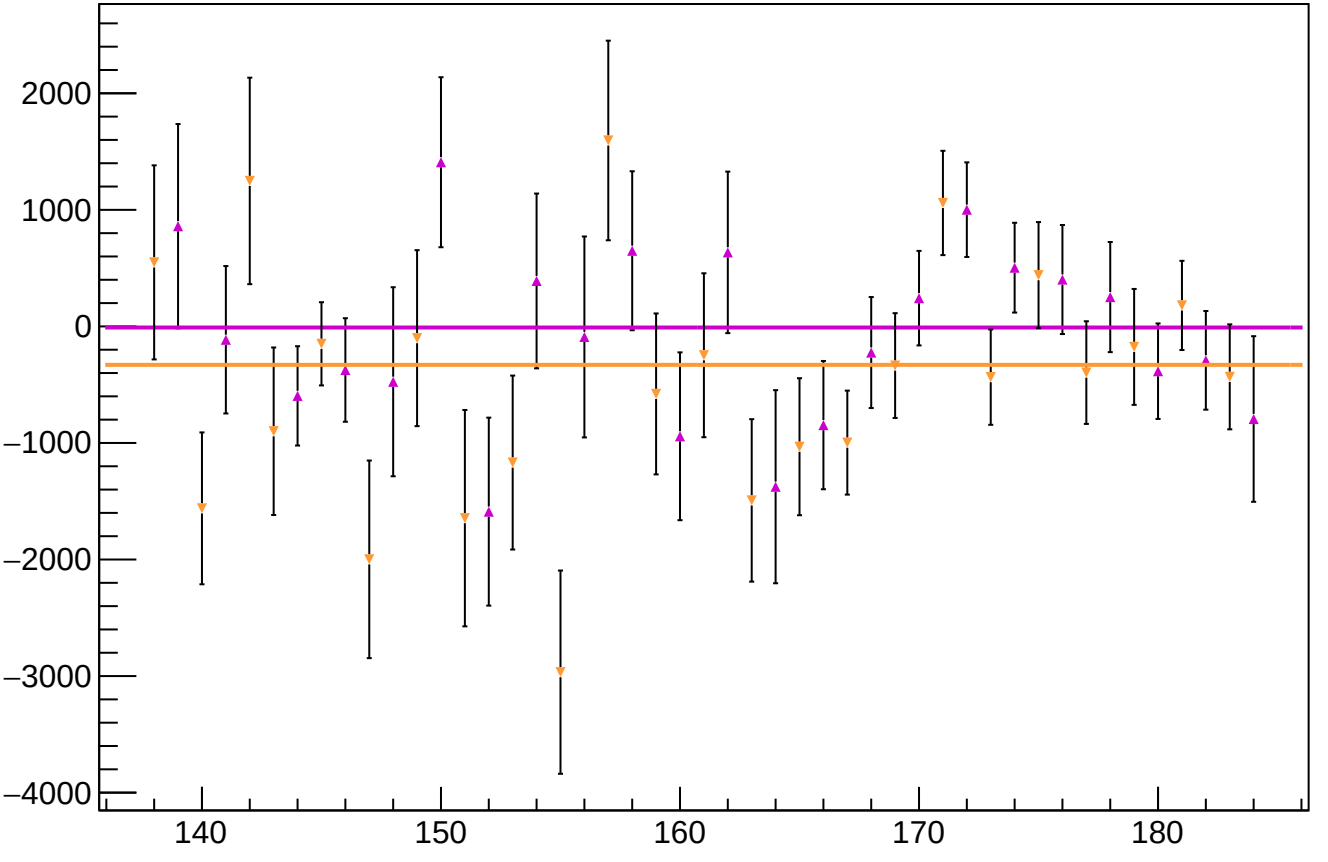
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 112.657+/-0.019 χ^2/NDF:835831.1/22

Out: 110.447+/-0.019 χ^2/NDF:1109241.7/23

All: 111.519+/-0.013 χ^2/NDF: 1951774.8/46

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -329.811+/-112.191 χ^2/NDF:51.3/23

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

Left In: -9.462+/-112.340 χ^2/NDF:32.5/22

Left: -169.849+/-79.384 χ^2/NDF: 87.8/46

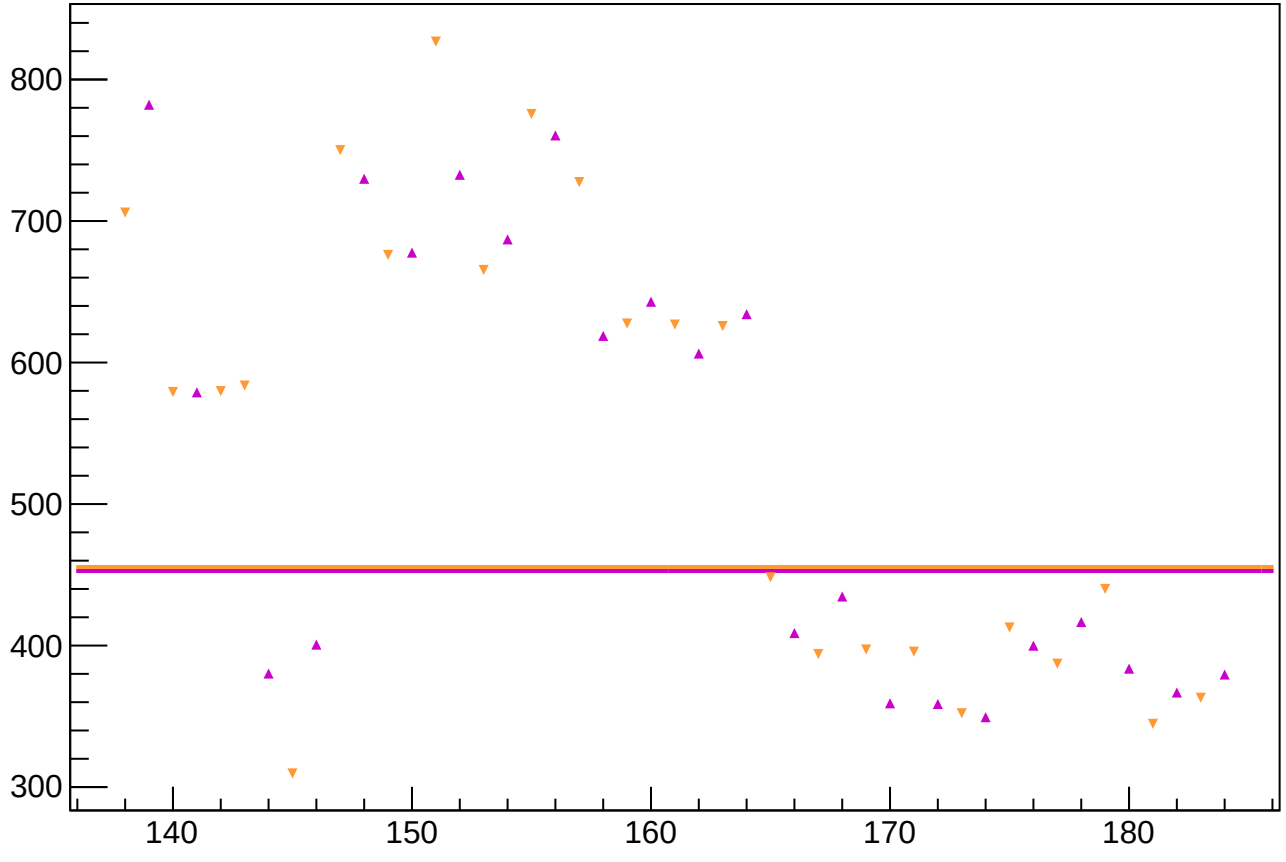
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.462+/-112.340 χ^2/NDF:32.5/22

Out: -329.811+/-112.191 χ^2/NDF:51.3/23

All: -169.849+/-79.384 χ^2/NDF: 87.8/46

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 455.528+/-0.079 χ^2/NDF:2969239.6/23

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

Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

Left: 454.113+/-0.056 χ^2/NDF: 5555909.1/46

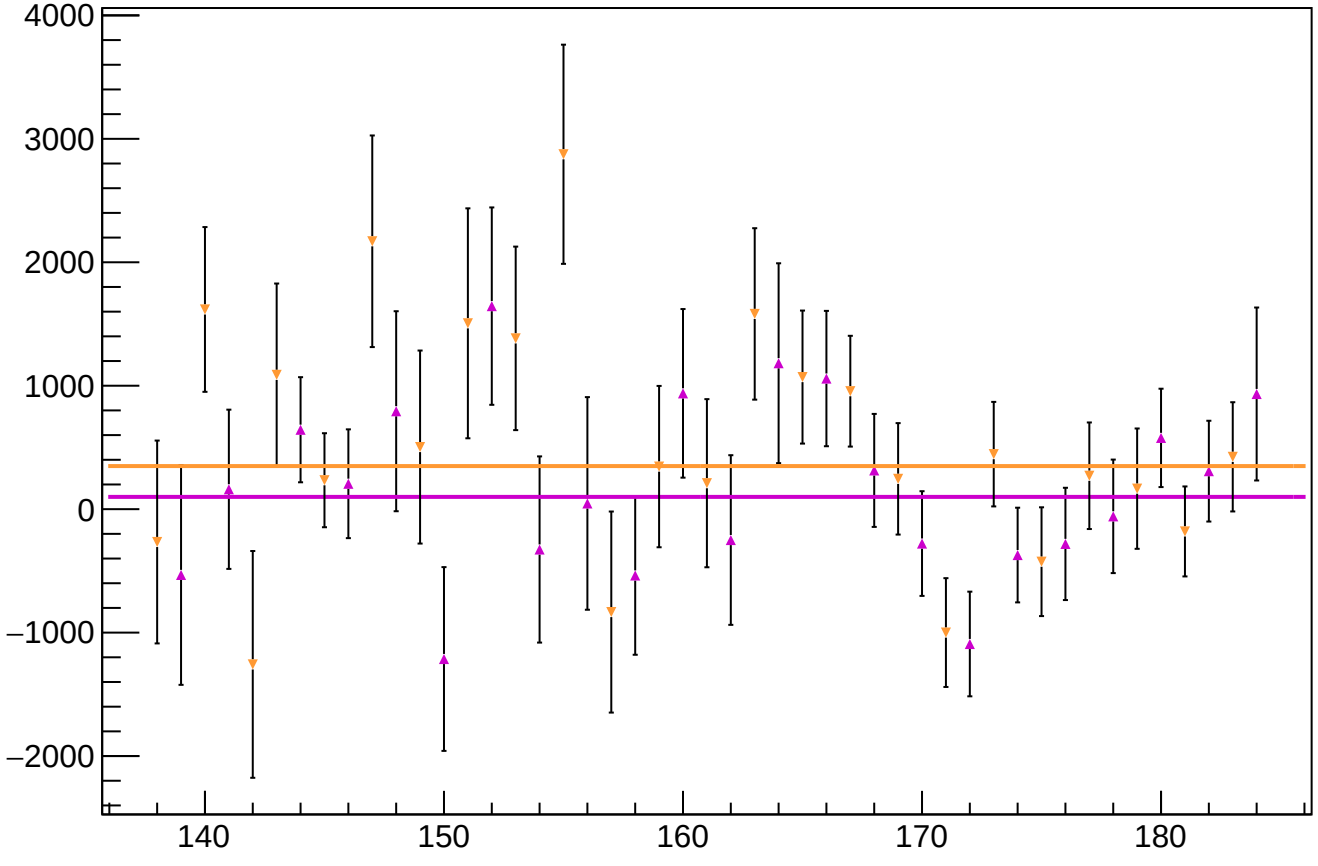
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

Out: 455.528+/-0.079 χ^2/NDF:2969239.6/23

All: 454.113+/-0.056 χ^2/NDF: 5555909.1/46

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 349.040+/-111.556 χ^2/NDF:48.2/23

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

Left In: 99.475+/-111.475 χ^2/NDF:32.1/22

Left: 224.167+/-78.853 χ^2/NDF: 82.8/46

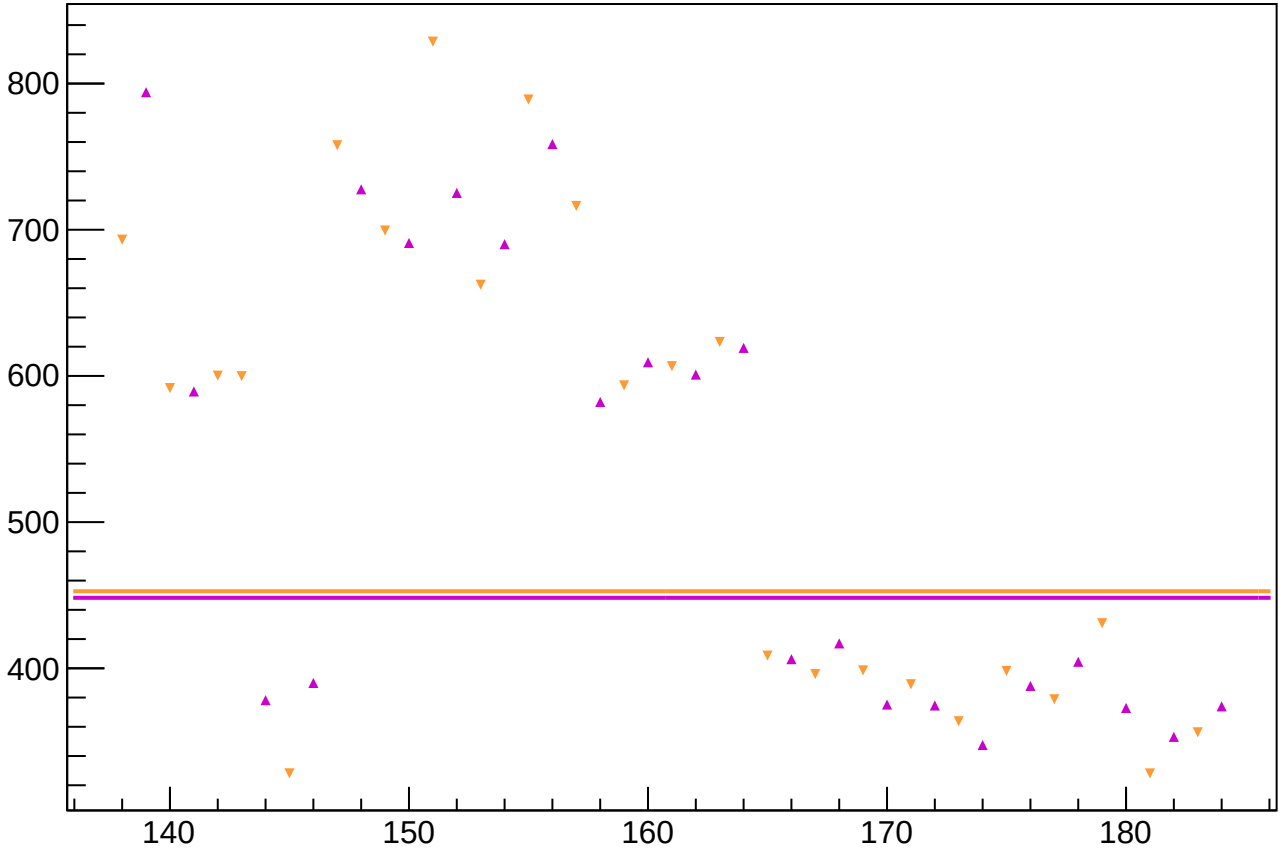
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 99.475+/-111.475 χ^2/NDF:32.1/22

Out: 349.040+/-111.556 χ^2/NDF:48.2/23

All: 224.167+/-78.853 χ^2/NDF: 82.8/46

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 452.729+/-0.079 χ^2/NDF:2978864.9/23

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

Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

Left: 450.482+/-0.056 χ^2/NDF: 5543942.3/46

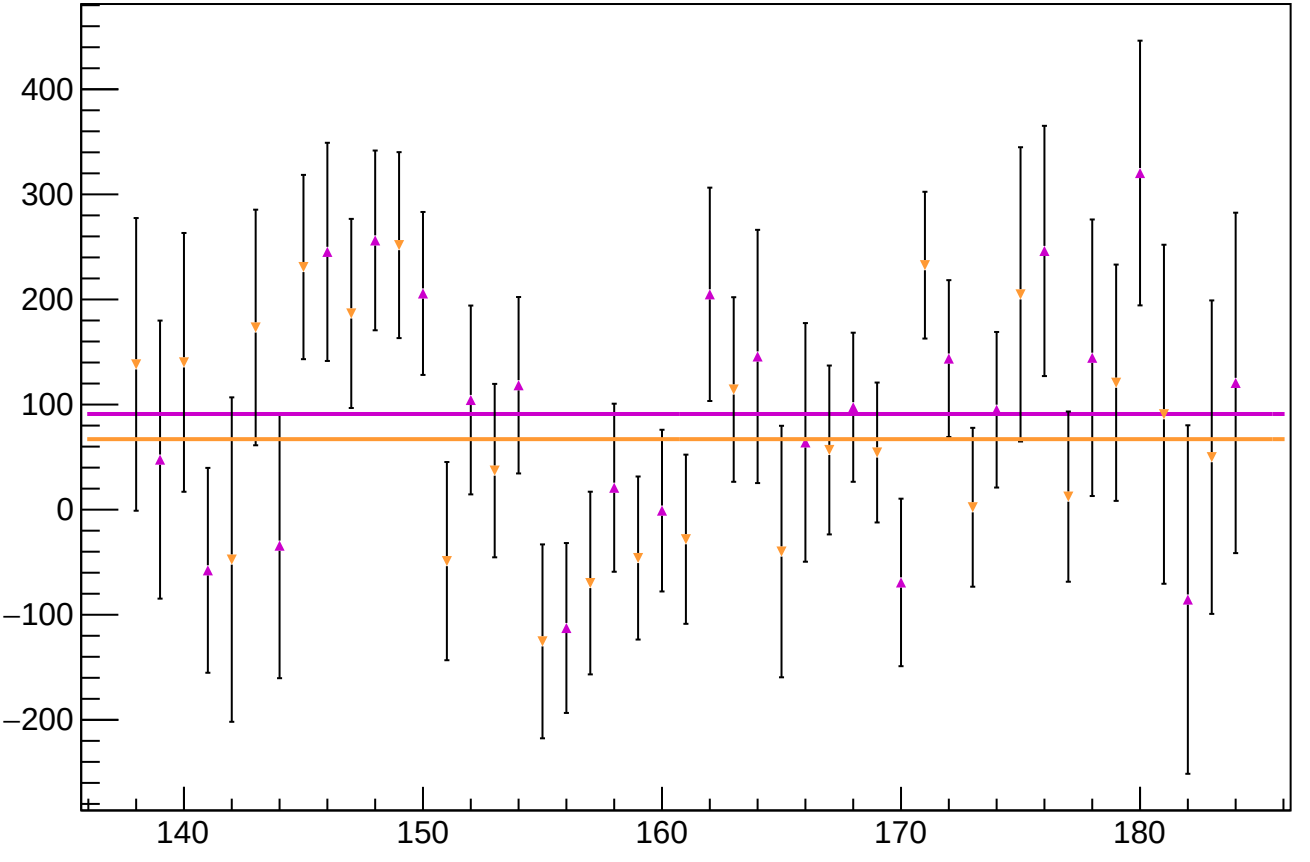
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

Out: 452.729+/-0.079 χ^2/NDF:2978864.9/23

All: 450.482+/-0.056 χ^2/NDF: 5543942.3/46

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 67.093+/-18.978 χ^2/NDF:32.9/23

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

Left In: 91.028+/-19.637 χ^2/NDF:32.6/22

Left: 78.652+/-13.647 χ^2/NDF: 66.3/46

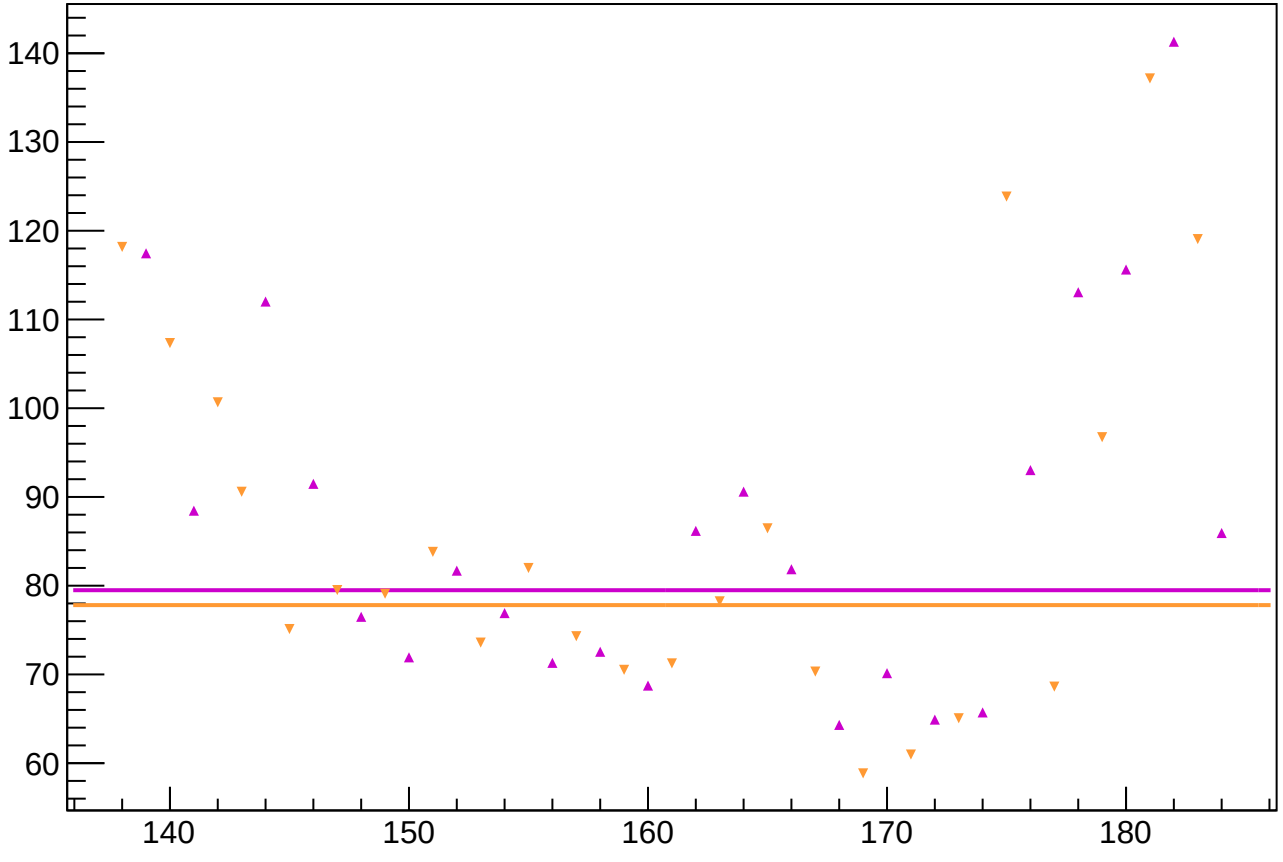
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 91.028+/-19.637 χ^2/NDF:32.6/22

Out: 67.093+/-18.978 χ^2/NDF:32.9/23

All: 78.652+/-13.647 χ^2/NDF: 66.3/46

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 77.812+/-0.013 χ^2/NDF:1493520.7/23

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

Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

Left: 78.623+/-0.010 χ^2/NDF: 2834862.6/46

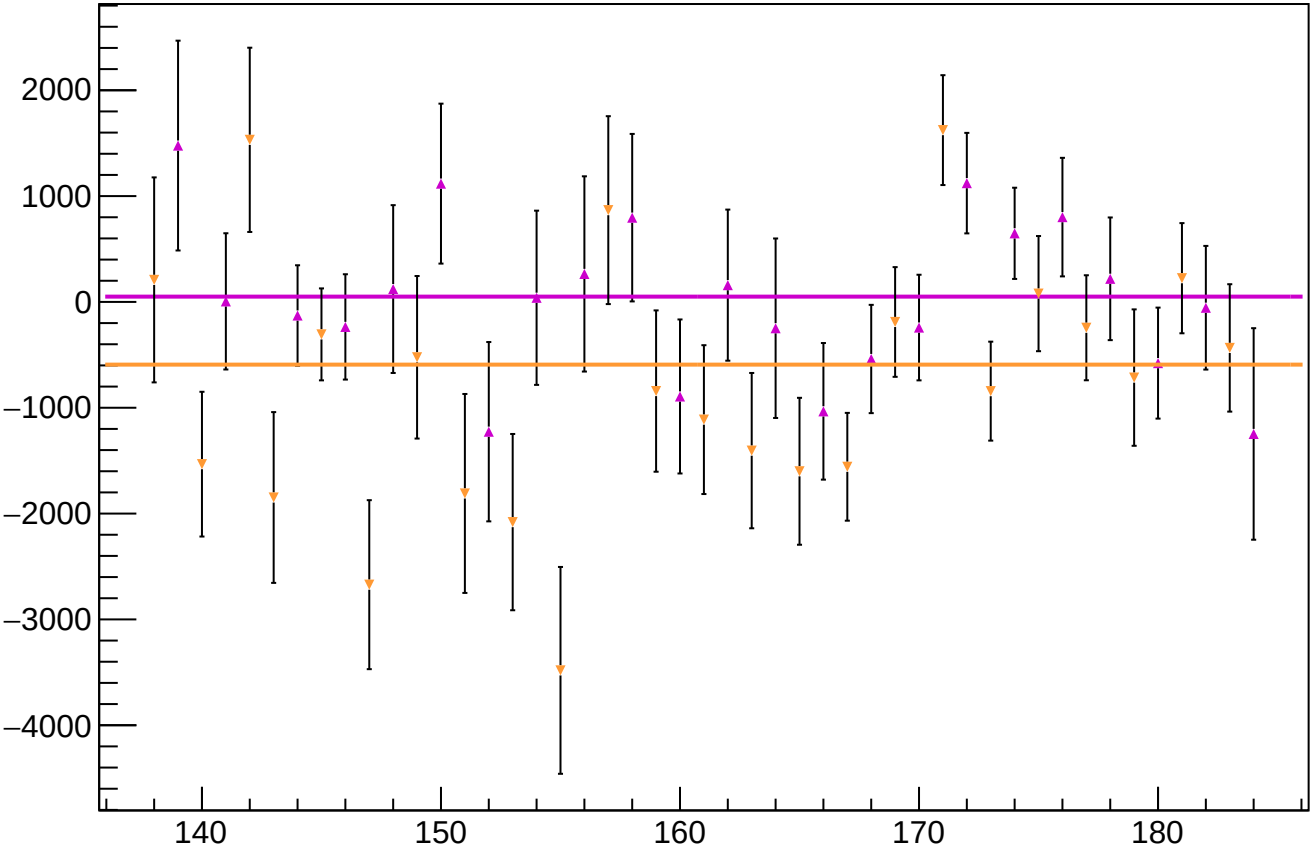
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

Out: 77.812+/-0.013 χ^2/NDF:1493520.7/23

All: 78.623+/-0.010 χ^2/NDF: 2834862.6/46

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -592.472+/-129.809 χ^2/NDF:65.8/23

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

Left In: 50.077+/-129.187 χ^2/NDF:26.1/22

Left: -269.654+/-91.568 χ^2/NDF: 104.2/46

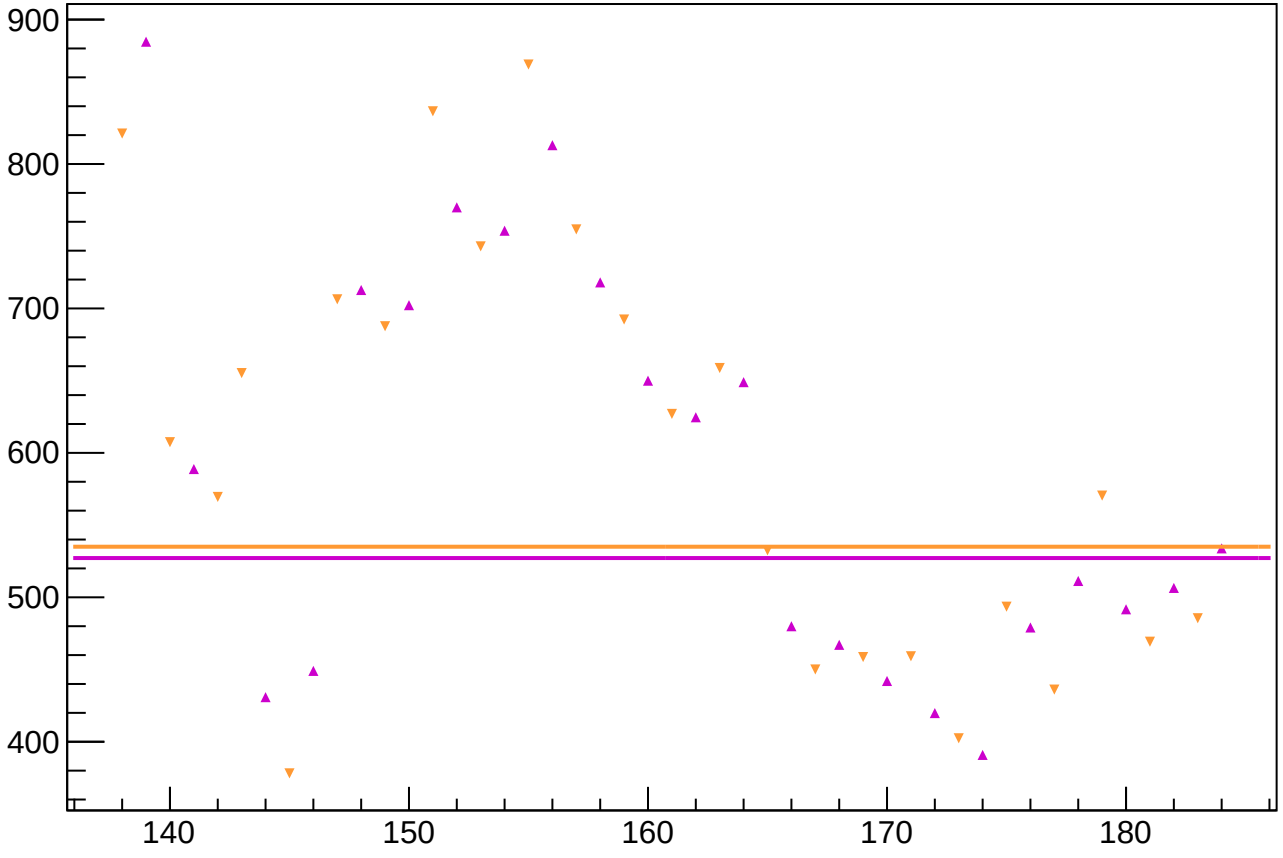
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 50.077+/-129.187 χ^2/NDF:26.1/22

Out: -592.472+/-129.809 χ^2/NDF:65.8/23

All: -269.654+/-91.568 χ^2/NDF: 104.2/46

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 535.034+/-0.092 χ^2/NDF:1984290.7/23

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

Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

Left: 531.089+/-0.065 χ^2/NDF: 3801350.9/46

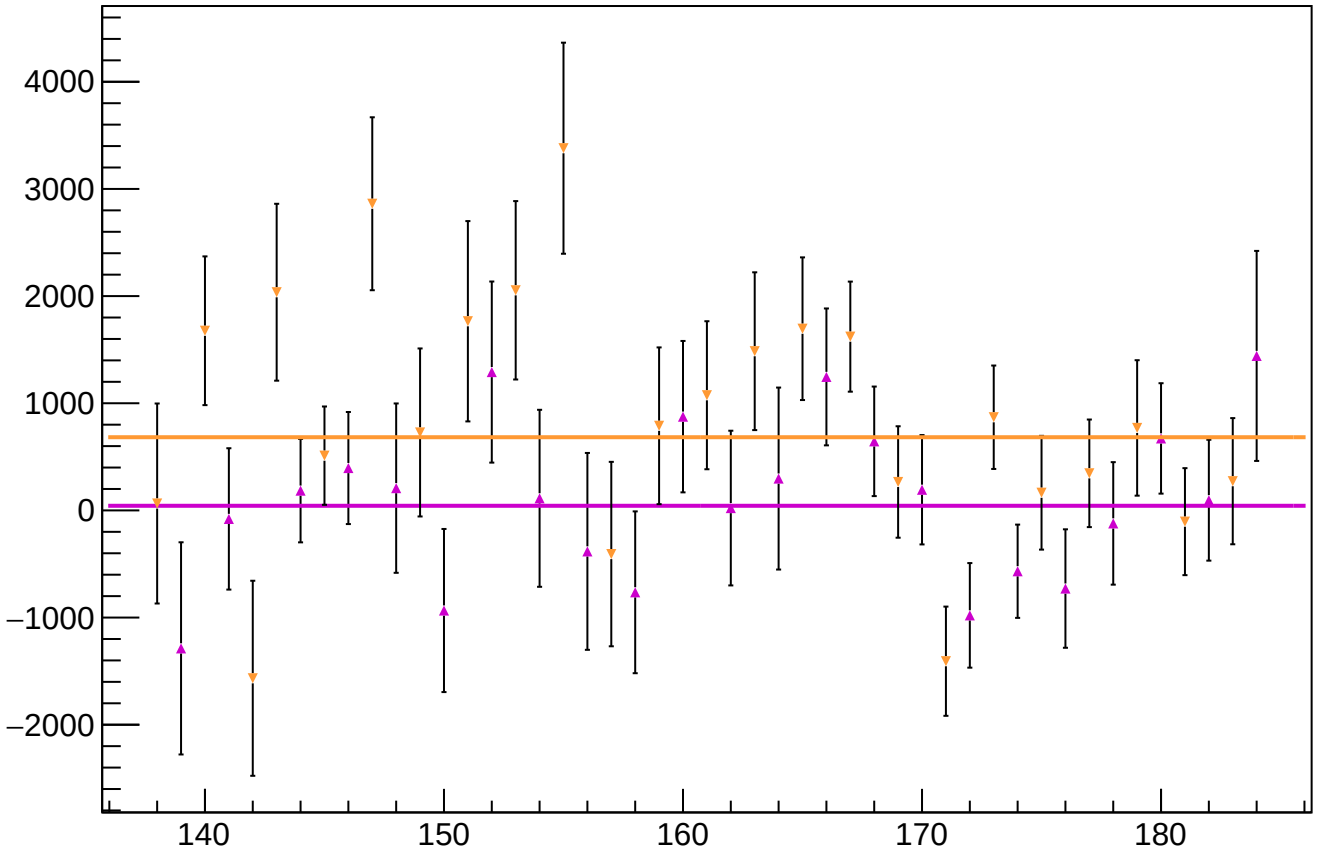
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

Out: 535.034+/-0.092 χ^2/NDF:1984290.7/23

All: 531.089+/-0.065 χ^2/NDF: 3801350.9/46

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 682.969+/-129.752 χ^2/NDF:61.1/23

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

Left In: 43.183+/-129.538 χ^2/NDF:26.0/22

Left: 362.547+/-91.673 χ^2/NDF: 99.3/46

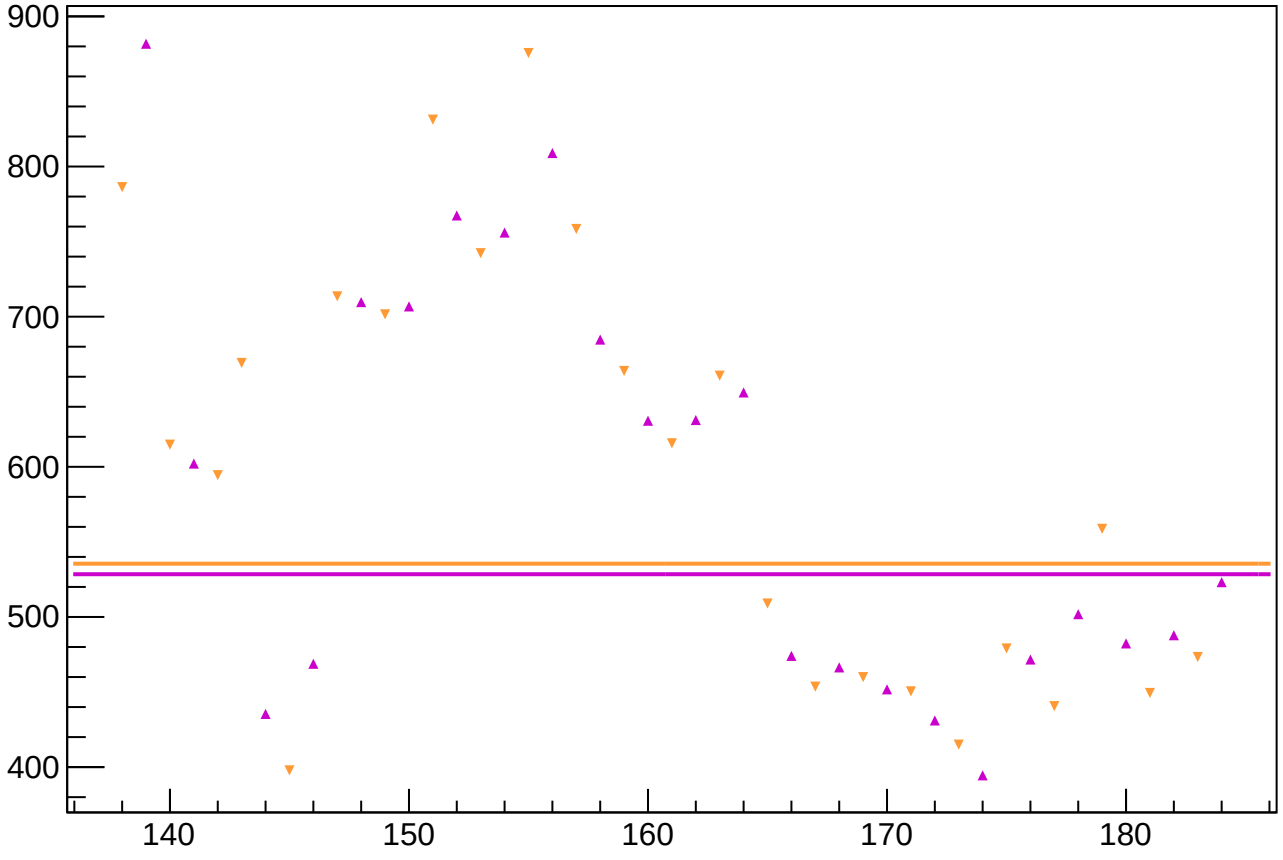
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 43.183+/-129.538 χ^2/NDF:26.0/22

Out: 682.969+/-129.752 χ^2/NDF:61.1/23

All: 362.547+/-91.673 χ^2/NDF: 99.3/46

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 535.483+/-0.092 χ^2/NDF:1896418.4/23

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

Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

Left: 531.968+/-0.065 χ^2/NDF: 3611398.9/46

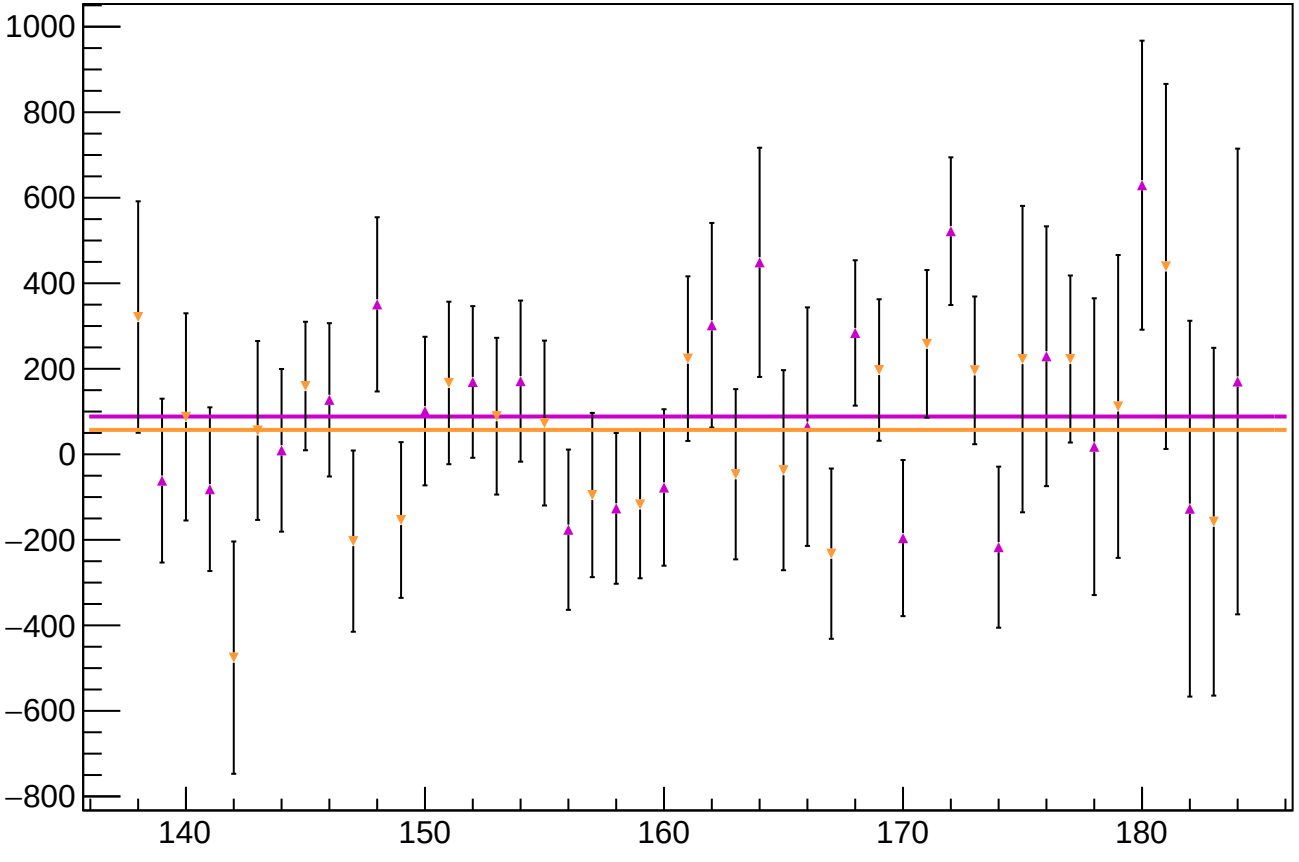
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

Out: 535.483+/-0.092 χ^2/NDF:1896418.4/23

All: 531.968+/-0.065 χ^2/NDF: 3611398.9/46

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 57.076+/-42.195 χ^2/NDF:18.2/23

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

Left In: 88.356+/-43.518 χ^2/NDF:26.4/22

Left: 72.233+/-30.293 χ^2/NDF: 44.8/46

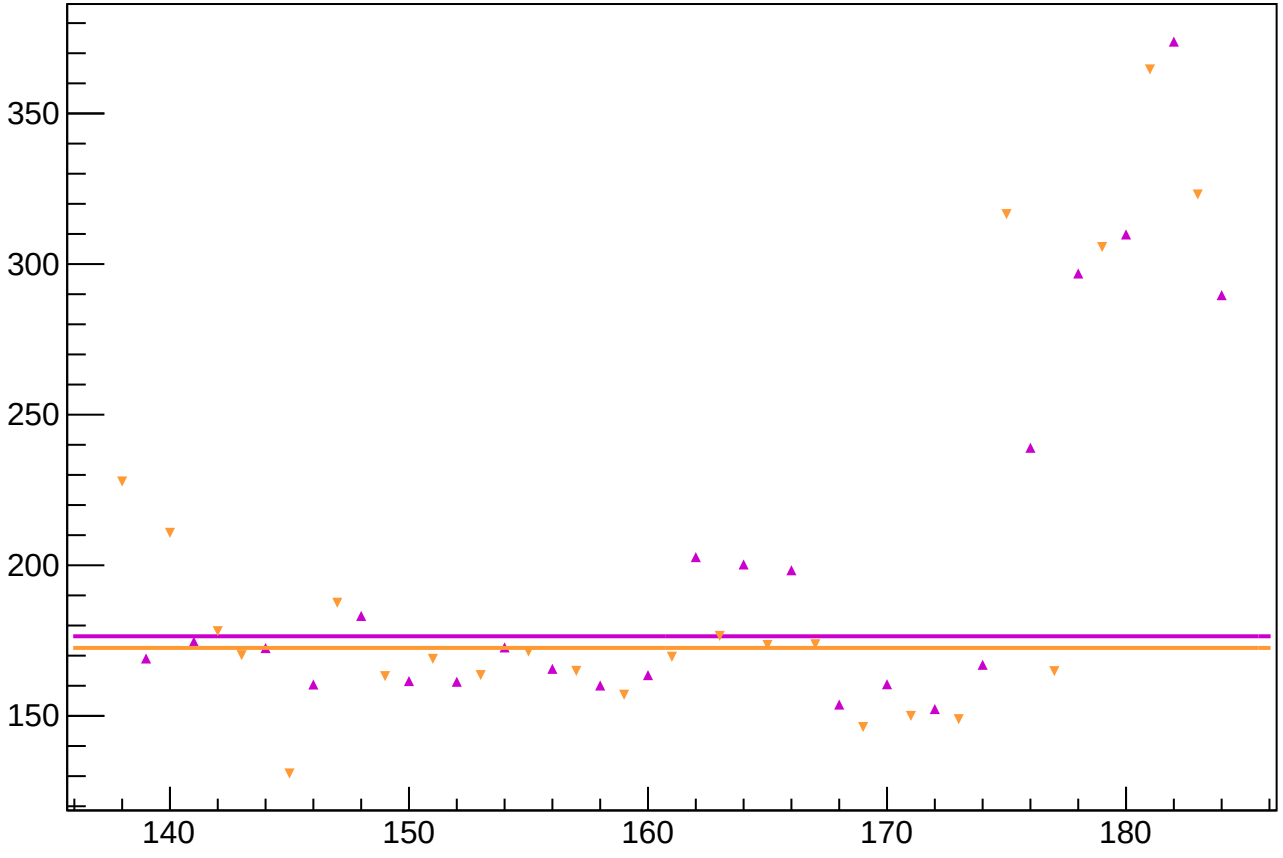
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 88.356+/-43.518 χ^2/NDF:26.4/22

Out: 57.076+/-42.195 χ^2/NDF:18.2/23

All: 72.233+/-30.293 χ^2/NDF: 44.8/46

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 172.569+/-0.030 χ^2/NDF:1739746.4/23

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

Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

Left: 174.437+/-0.021 χ^2/NDF: 3108448.1/46

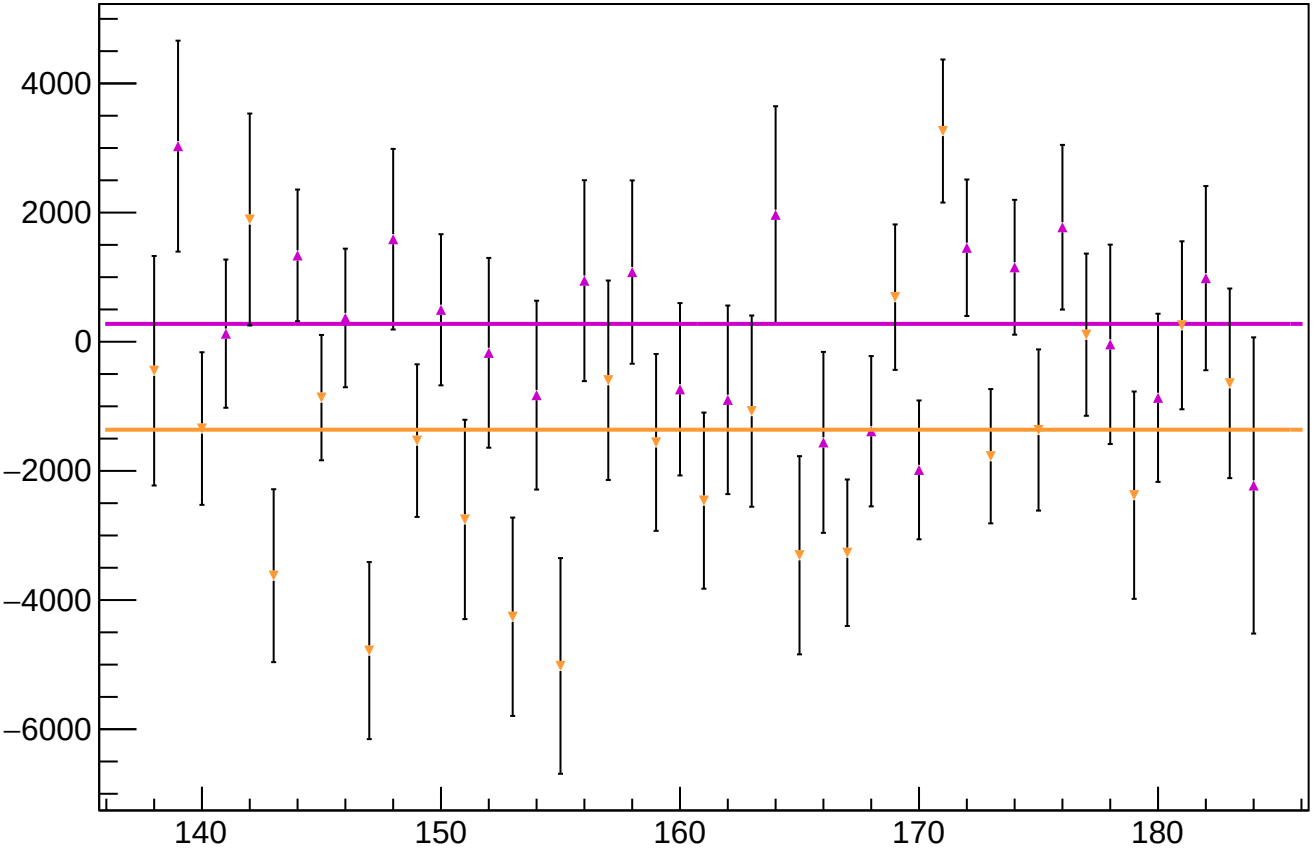
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

Out: 172.569+/-0.030 χ^2/NDF:1739746.4/23

All: 174.437+/-0.021 χ^2/NDF: 3108448.1/46

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1362.350+/-268.516 χ^2/NDF:52.6/23

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

Left In: 276.678+/-270.547 χ^2/NDF:22.0/22

Left: -549.010+/-190.583 χ^2/NDF: 93.1/46

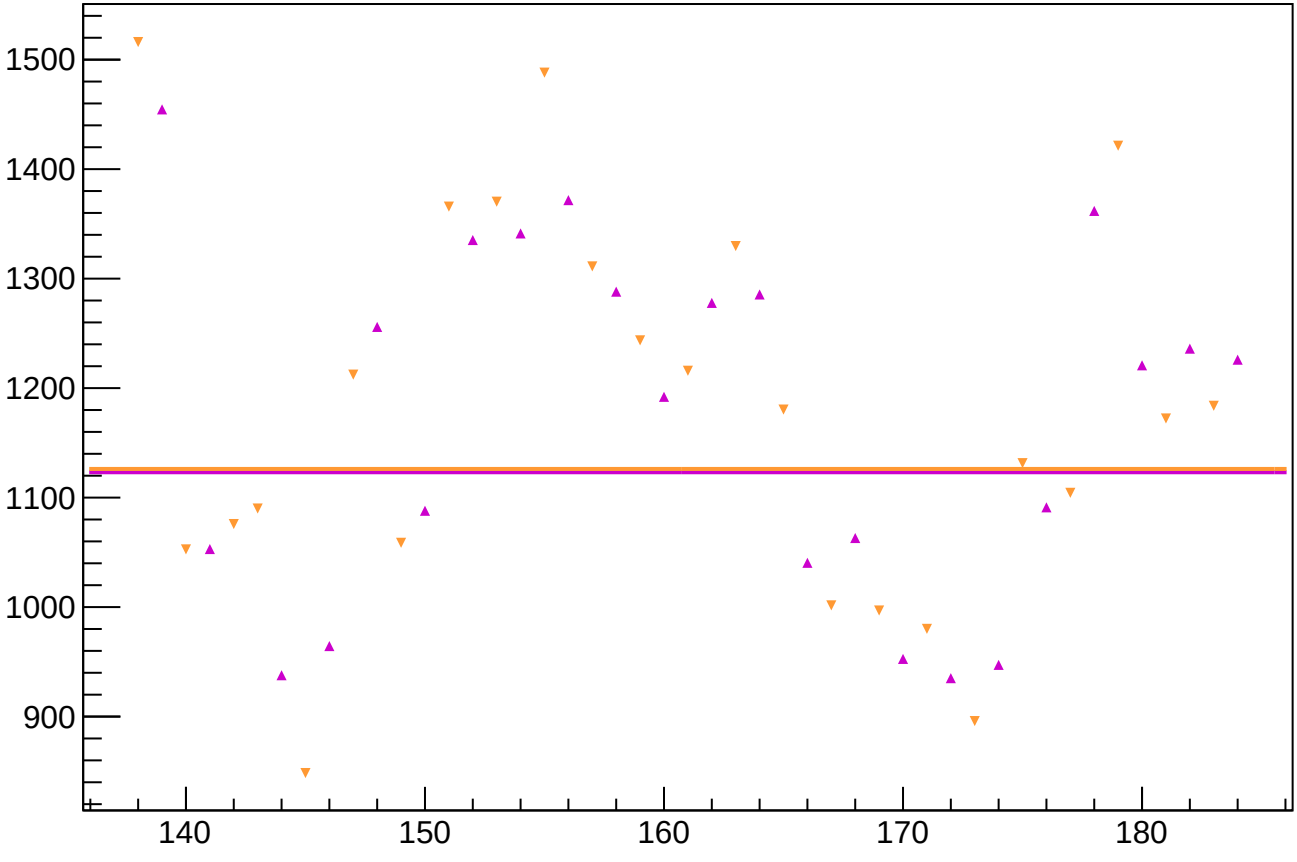
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 276.678+/-270.547 χ^2/NDF:22.0/22

Out: -1362.350+/-268.516 χ^2/NDF:52.6/23

All: -549.010+/-190.583 χ^2/NDF: 93.1/46

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1126.186+/-0.190 χ^2/NDF:827794.8/23

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

Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

Left: 1124.678+/-0.135 χ^2/NDF: 1517700.2/46

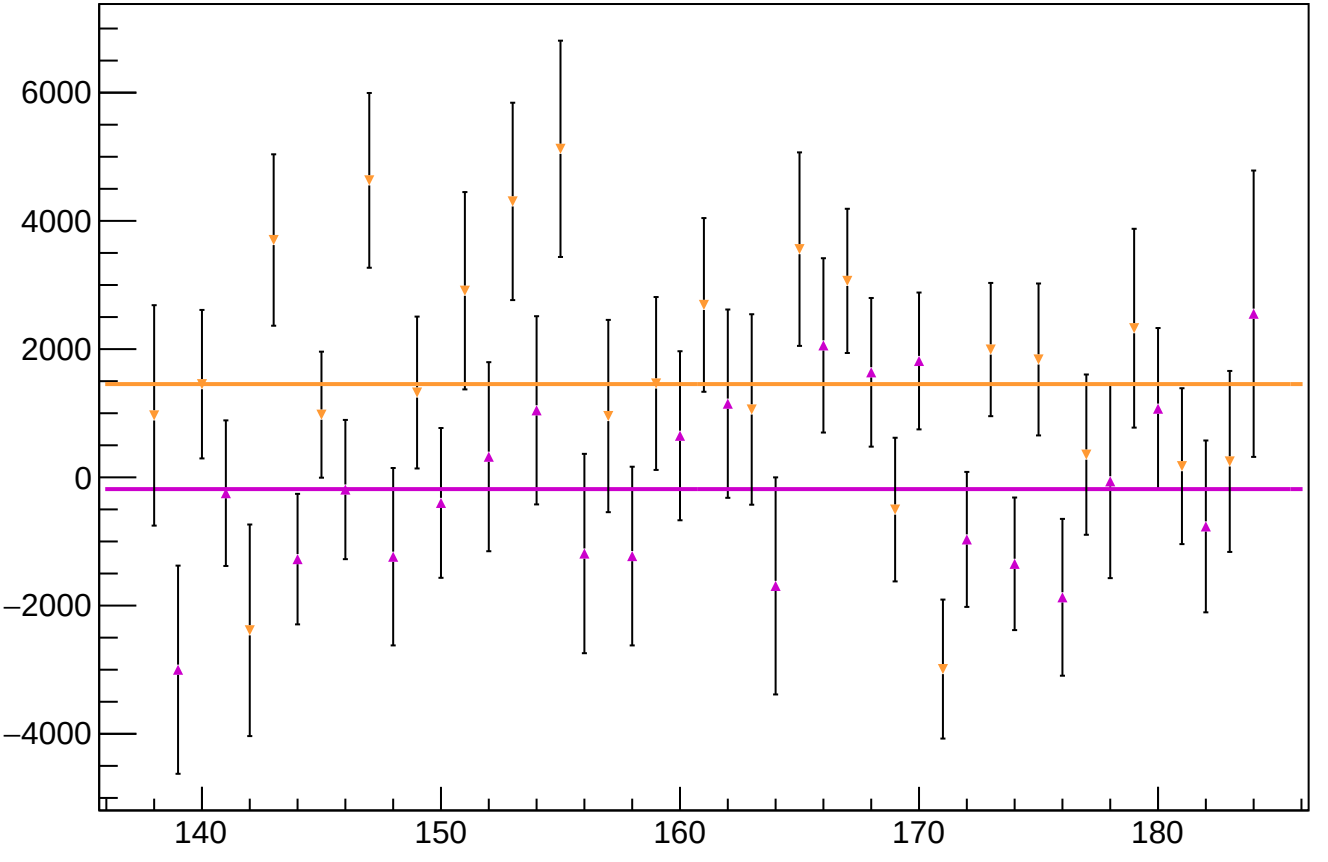
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

Out: 1126.186+/-0.190 χ^2/NDF:827794.8/23

All: 1124.678+/-0.135 χ^2/NDF: 1517700.2/46

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 1454.604+/-265.023 χ^2/NDF:51.2/23

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

Left In: -183.249+/-267.620 χ^2/NDF:23.7/22

Left: 643.665+/-188.311 χ^2/NDF: 93.9/46

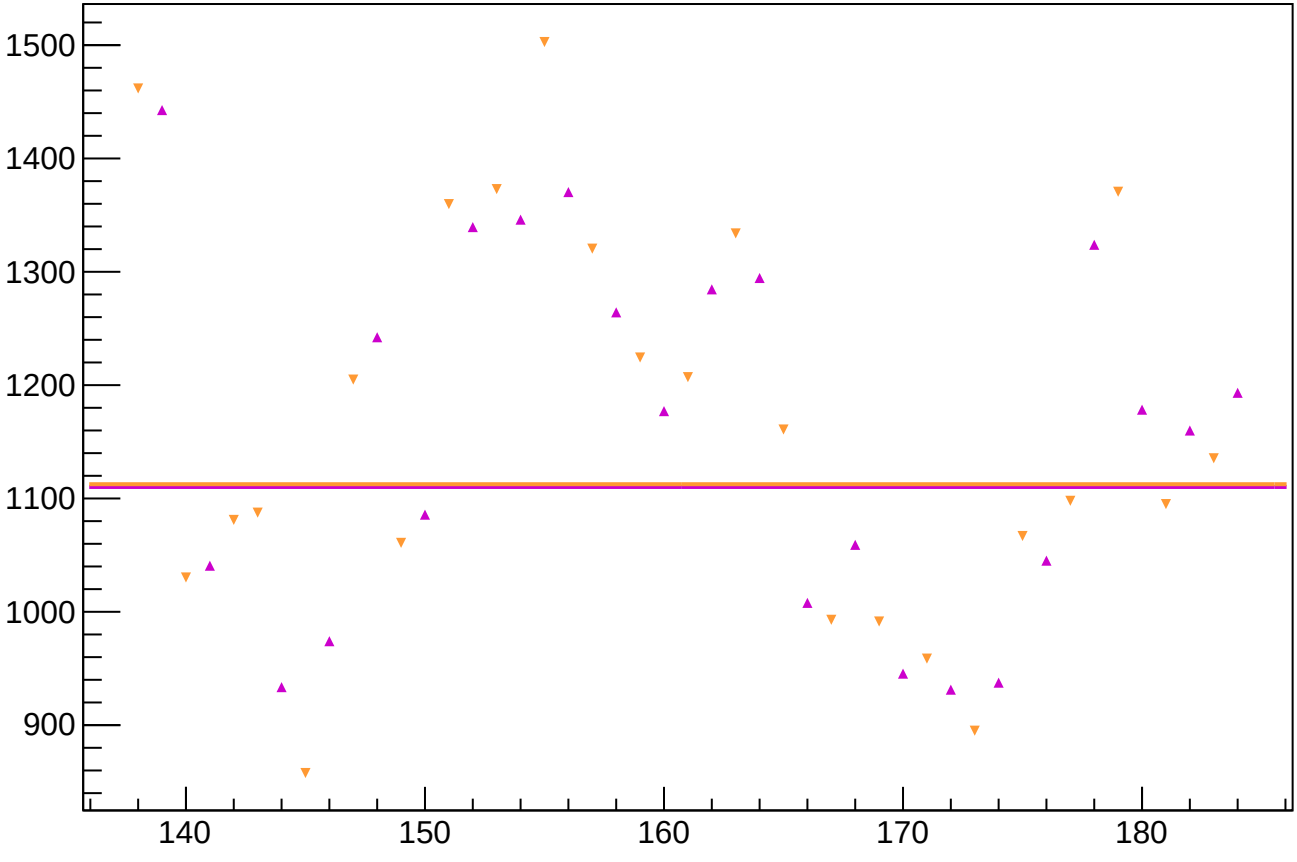
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -183.249+/-267.620 χ^2/NDF:23.7/22

Out: 1454.604+/-265.023 χ^2/NDF:51.2/23

All: 643.665+/-188.311 χ^2/NDF: 93.9/46

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1112.586+/-0.187 χ^2/NDF:799229.3/23

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

Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

Left: 1111.386+/-0.133 χ^2/NDF: 1472541.4/46

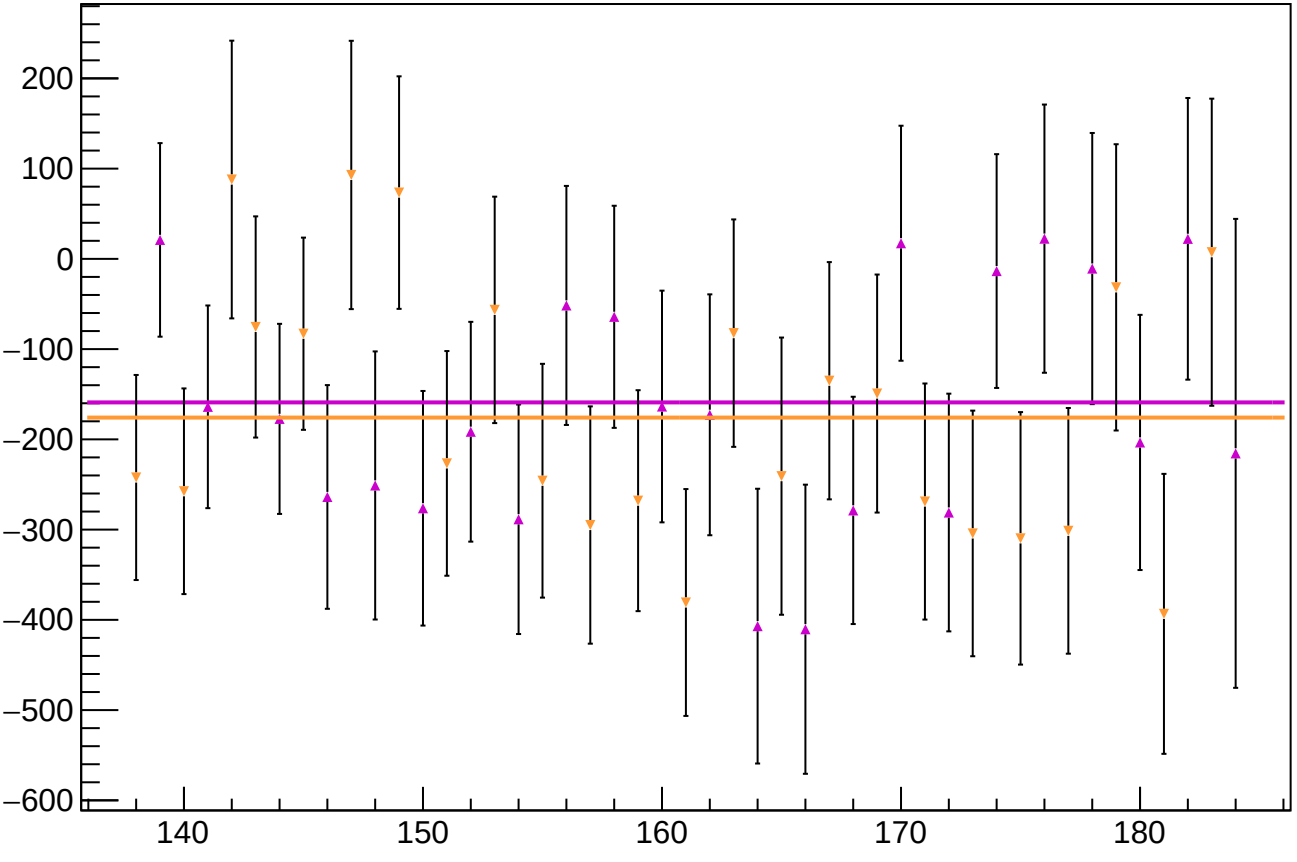
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

Out: 1112.586+/-0.187 χ^2/NDF:799229.3/23

All: 1111.386+/-0.133 χ^2/NDF: 1472541.4/46

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -175.871+/-26.855 χ^2/NDF:25.6/23

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

Left In: -159.044+/-27.608 χ^2/NDF:21.1/22

Left: -167.690+/-19.250 χ^2/NDF: 46.9/46

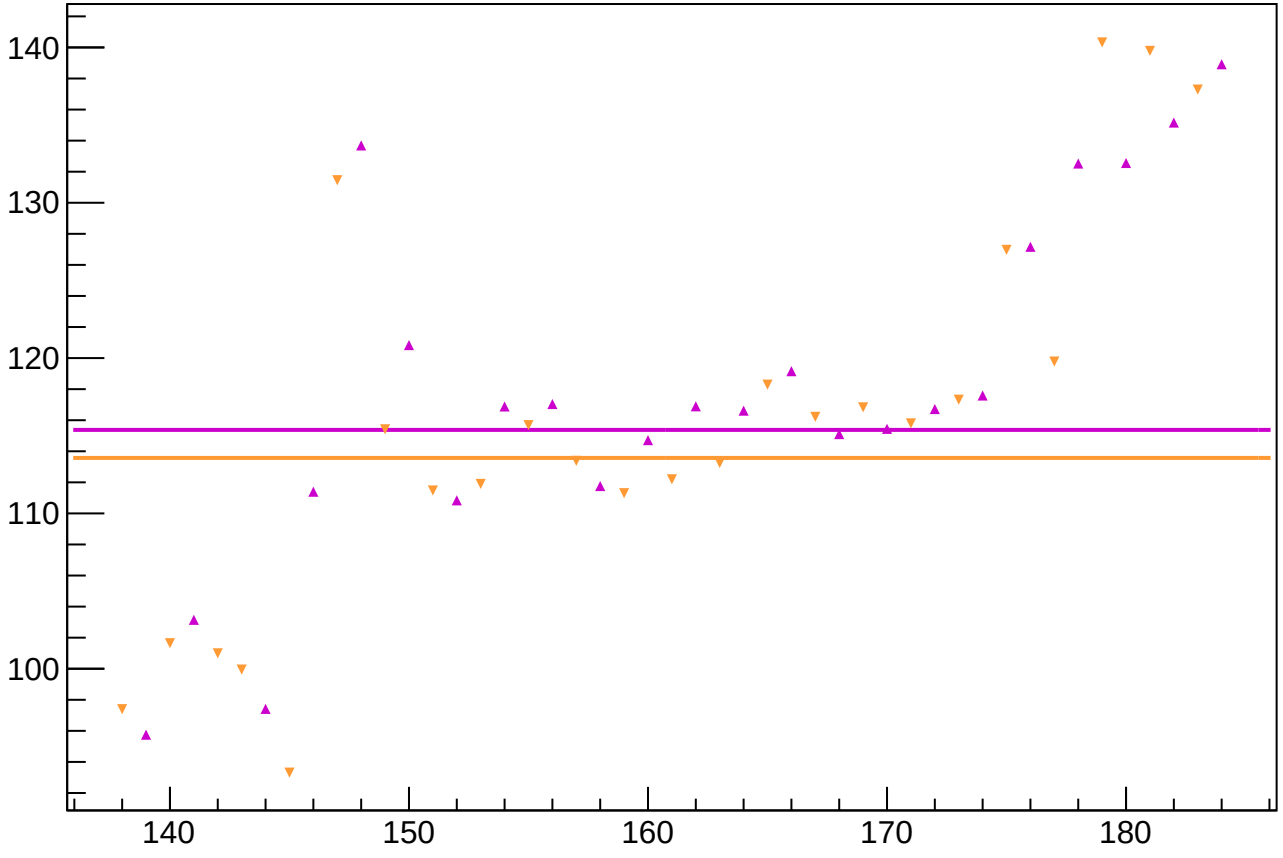
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -159.044+/-27.608 χ^2/NDF:21.1/22

Out: -175.871+/-26.855 χ^2/NDF:25.6/23

All: -167.690+/-19.250 χ^2/NDF: 46.9/46

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 113.573+/-0.019 χ^2/NDF:386041.9/23

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

Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

Left: 114.450+/-0.014 χ^2/NDF: 699464.1/46

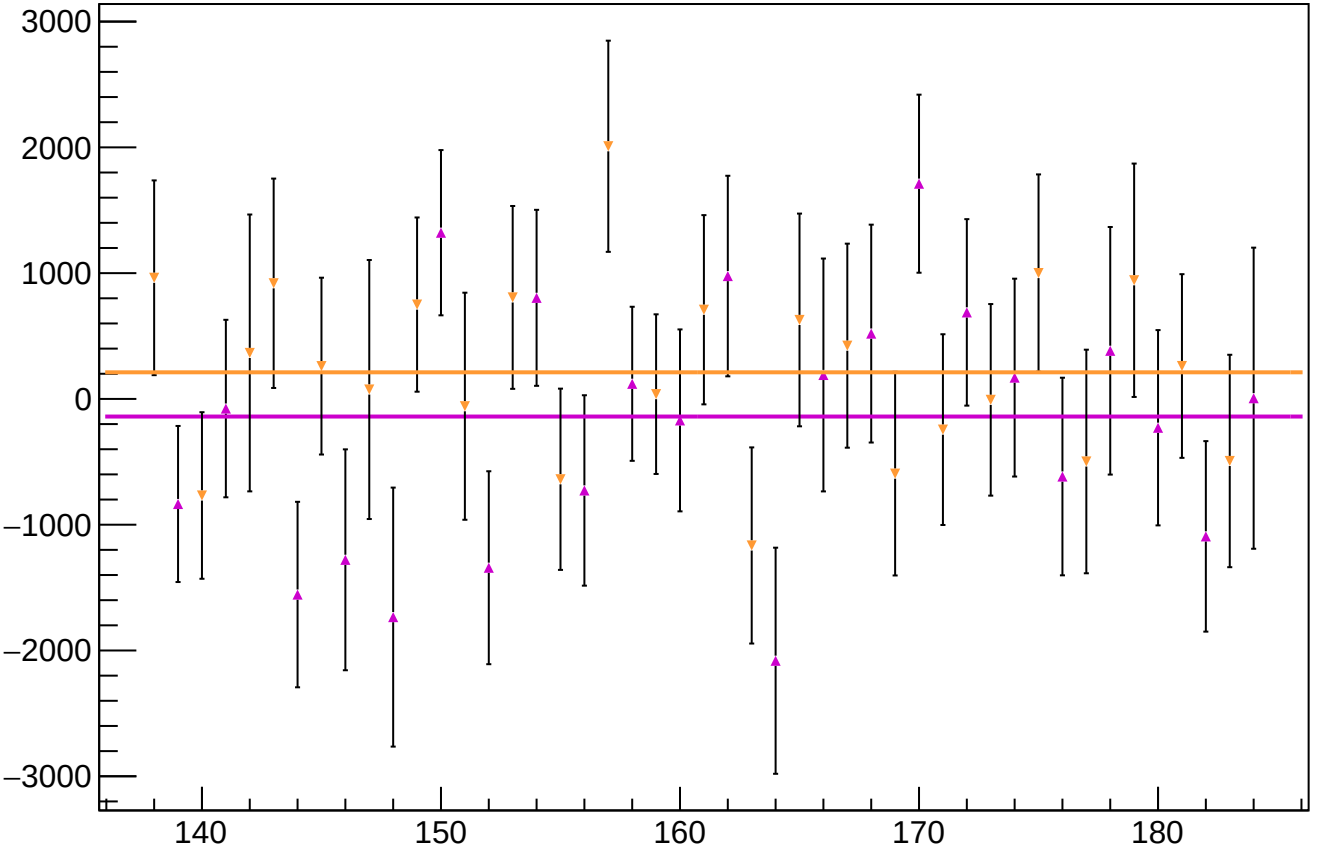
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 115.377+/-0.020 χ^2/NDF:309034.7/22

Out: 113.573+/-0.019 χ^2/NDF:386041.9/23

All: 114.450+/-0.014 χ^2/NDF: 699464.1/46

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 211.594+/-160.396 χ^2/NDF:19.6/23

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

Left In: -140.039+/-161.024 χ^2/NDF:36.9/22

Left: 36.465+/-113.638 χ^2/NDF: 58.9/46

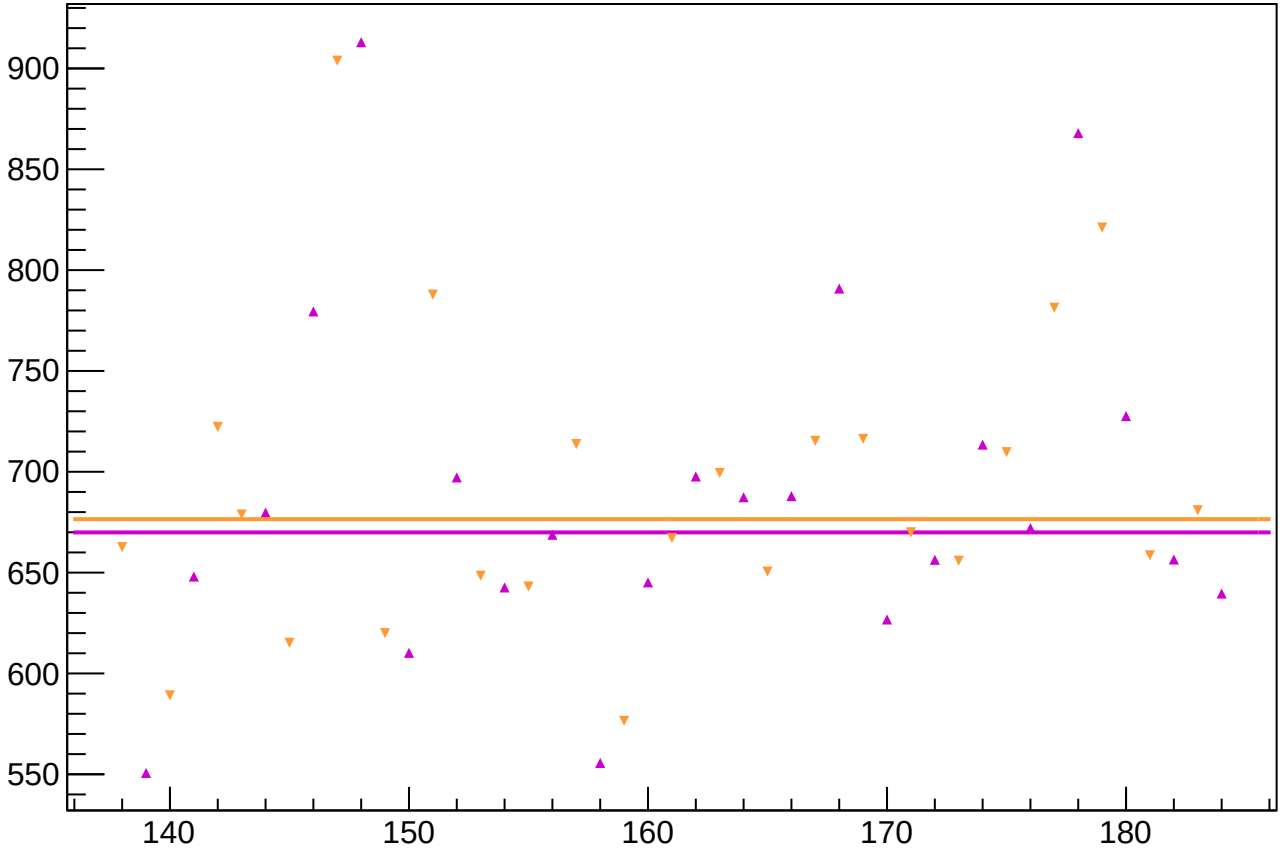
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -140.039+/-161.024 χ^2/NDF:36.9/22

Out: 211.594+/-160.396 χ^2/NDF:19.6/23

All: 36.465+/-113.638 χ^2/NDF: 58.9/46

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 676.500+/-0.113 χ^2/NDF:352489.9/23

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

Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

Left: 673.232+/-0.080 χ^2/NDF: 818242.8/46

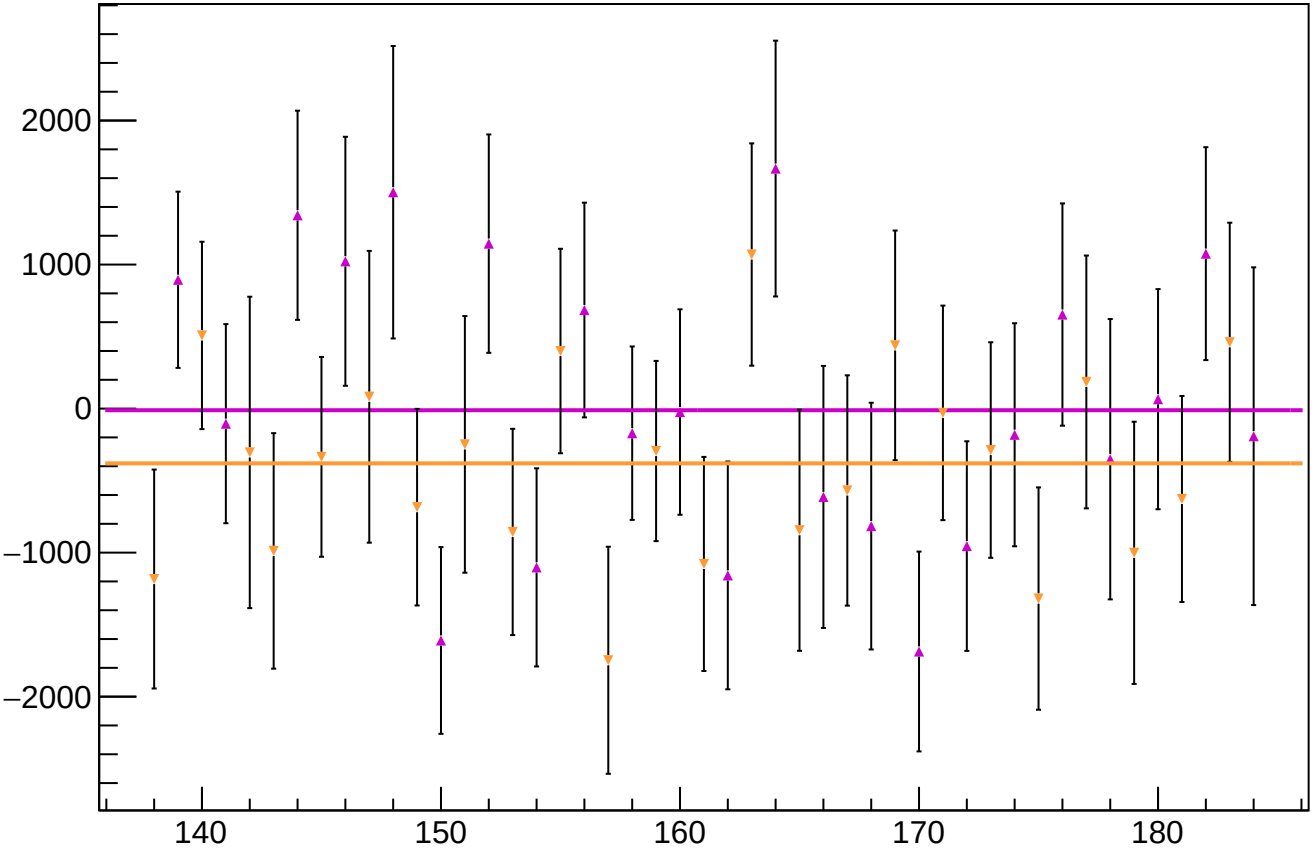
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 669.938+/-0.114 χ^2/NDF:464085.7/22

Out: 676.500+/-0.113 χ^2/NDF:352489.9/23

All: 673.232+/-0.080 χ^2/NDF: 818242.8/46

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -380.131+/-157.650 χ^2/NDF:18.2/23

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

Left In: -11.243+/-158.497 χ^2/NDF:38.8/22

Left: -196.675+/-111.774 χ^2/NDF: 59.8/46

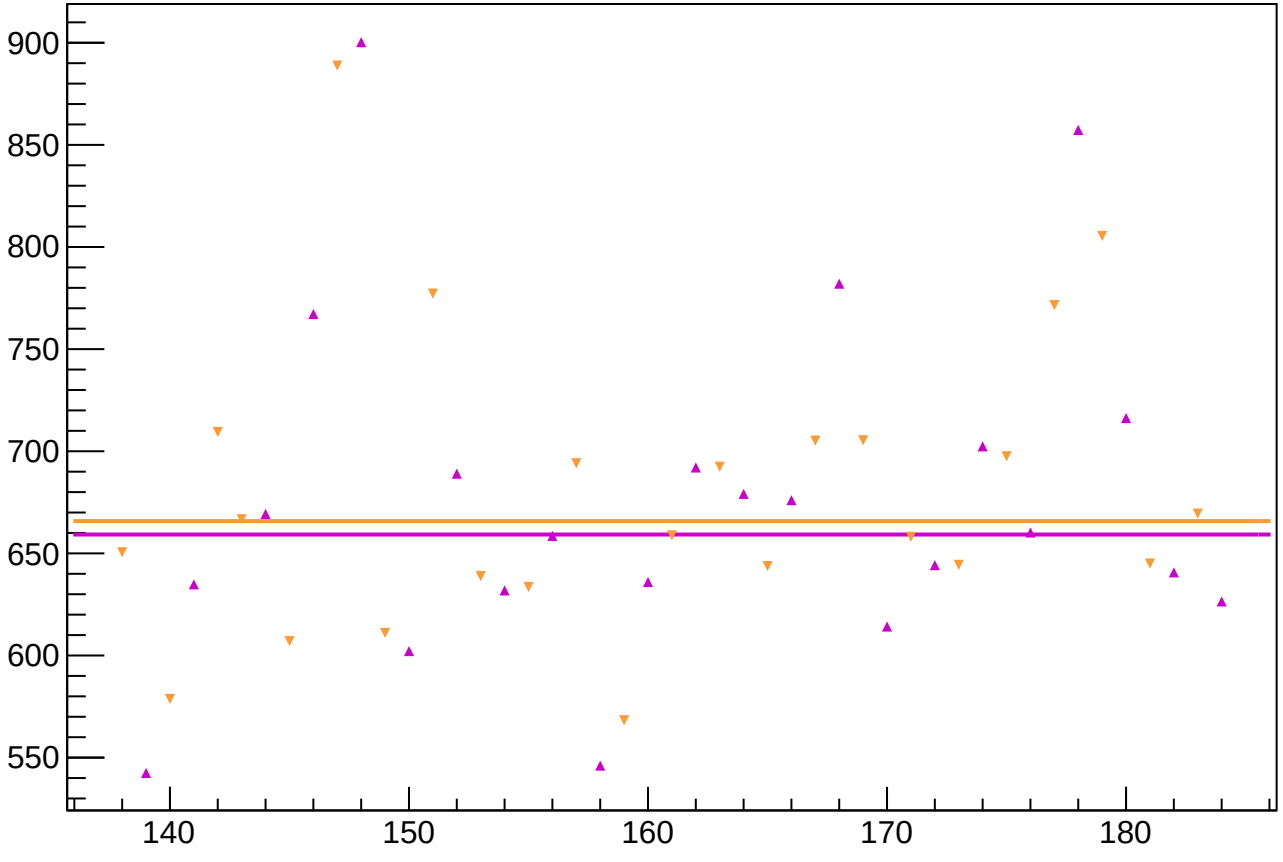
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.243+/-158.497 χ^2/NDF:38.8/22

Out: -380.131+/-157.650 χ^2/NDF:18.2/23

All: -196.675+/-111.774 χ^2/NDF: 59.8/46

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 665.812+/-0.111 χ^2/NDF:350231.3/23

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

Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

Left: 662.539+/-0.079 χ^2/NDF: 824710.1/46

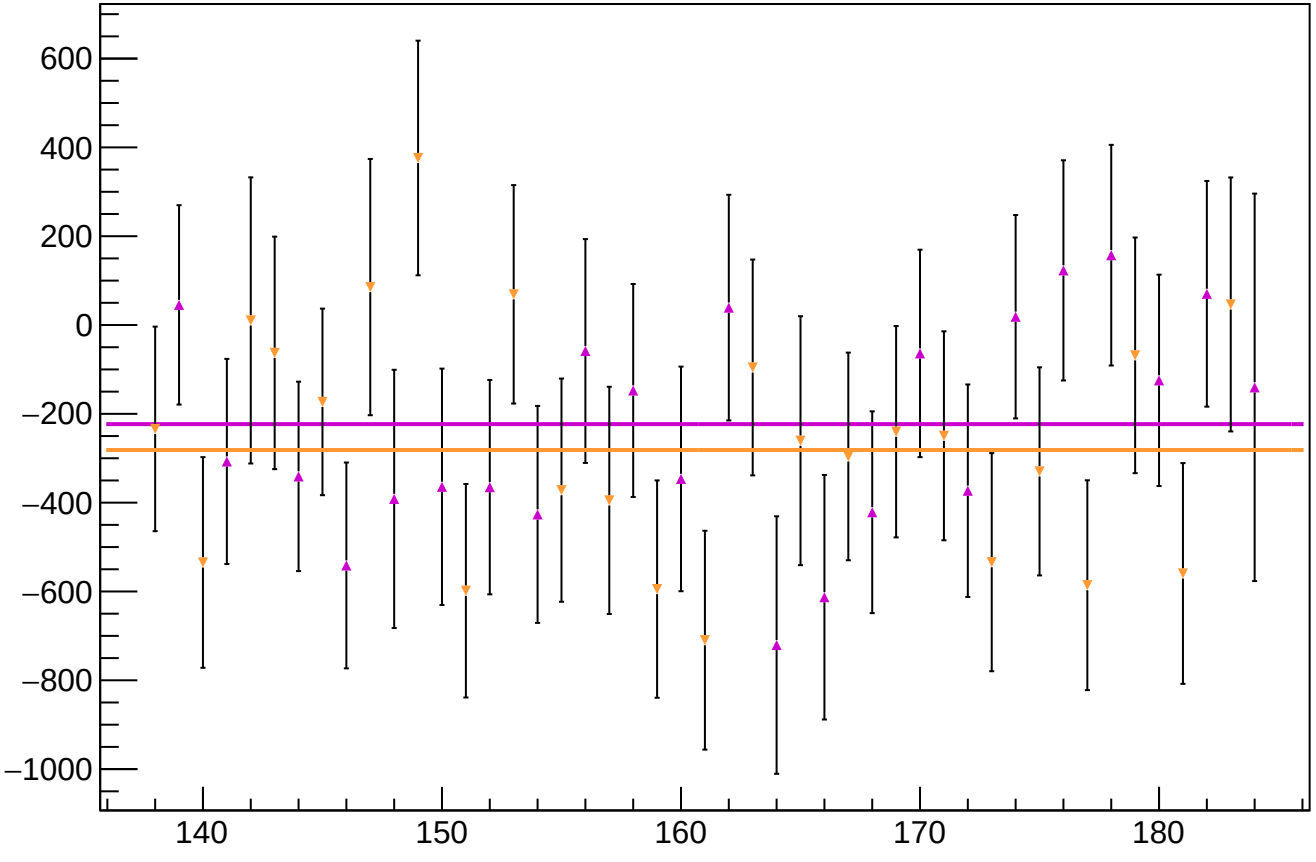
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 659.230+/-0.112 χ^2/NDF:472744.9/22

Out: 665.812+/-0.111 χ^2/NDF:350231.3/23

All: 662.539+/-0.079 χ^2/NDF: 824710.1/46

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -281.405+/-50.833 χ^2/NDF:26.1/23

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

Left In: -223.195+/-51.742 χ^2/NDF:20.8/22

Left: -252.816+/-36.261 χ^2/NDF: 47.6/46

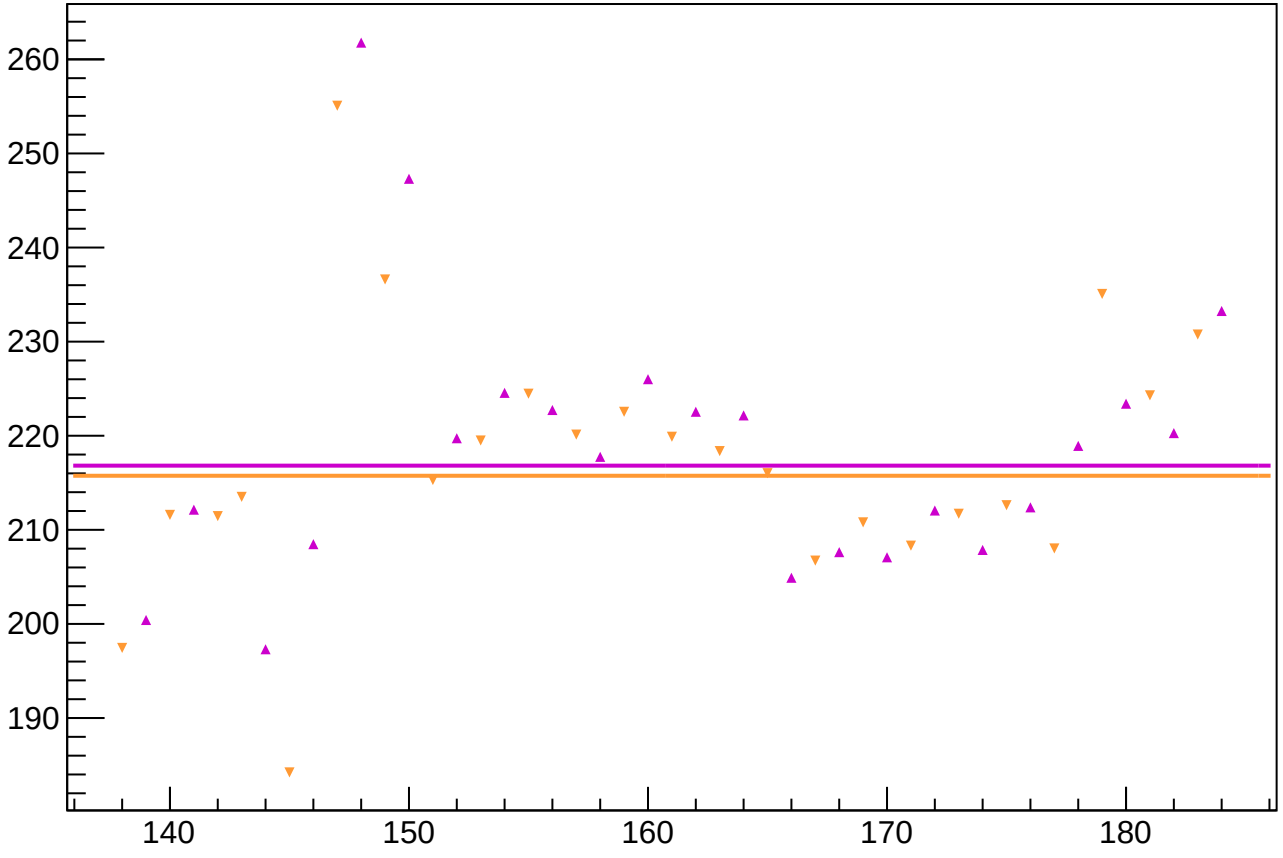
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -223.195+/-51.742 χ^2/NDF:20.8/22

Out: -281.405+/-50.833 χ^2/NDF:26.1/23

All: -252.816+/-36.261 χ^2/NDF: 47.6/46

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 215.746+/-0.036 χ^2/NDF:141571.3/23

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

Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

Left: 216.274+/-0.026 χ^2/NDF: 274529.3/46

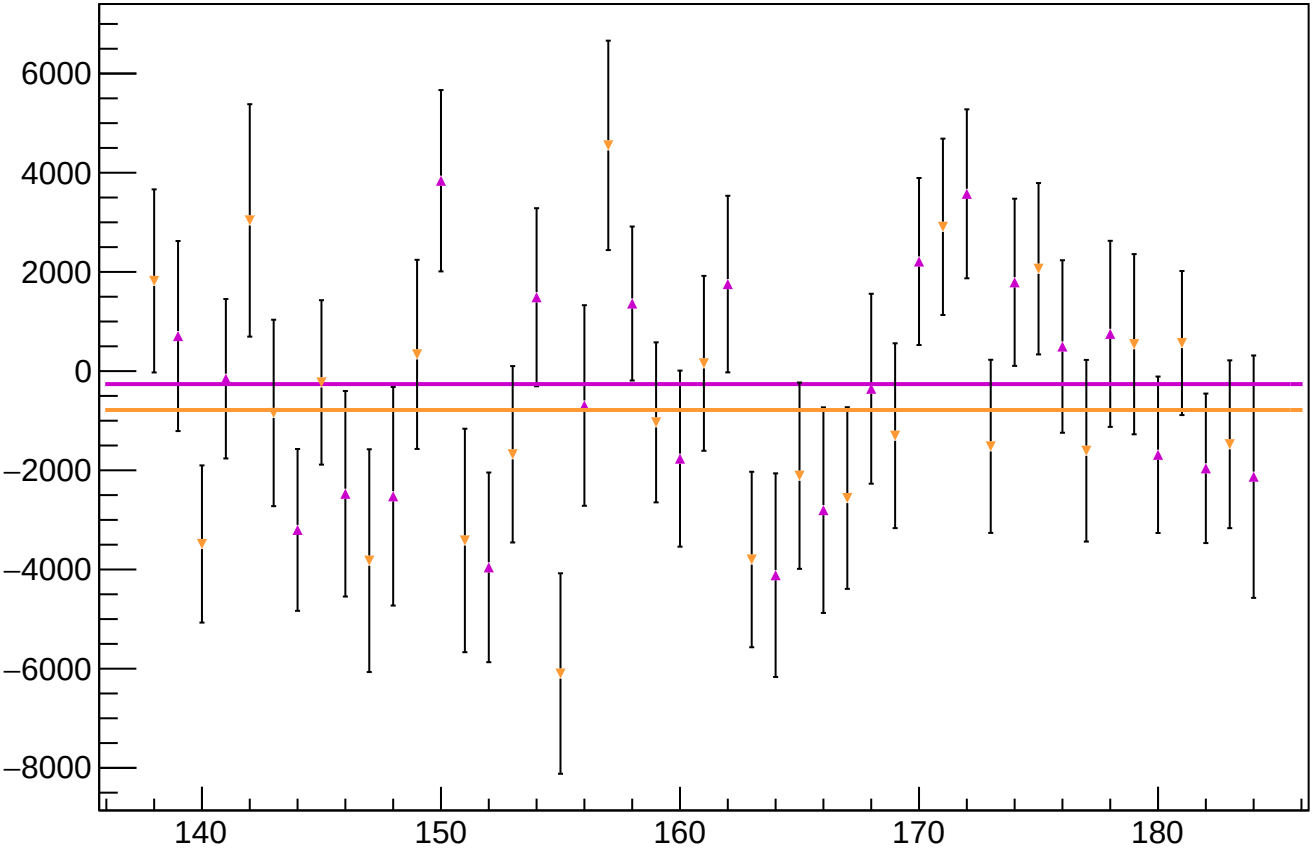
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 216.821+/-0.037 χ^2/NDF:132518.8/22

Out: 215.746+/-0.036 χ^2/NDF:141571.3/23

All: 216.274+/-0.026 χ^2/NDF: 274529.3/46

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -784.104+/-370.746 χ^2/NDF:38.5/23

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

Left In: -261.815+/-376.203 χ^2/NDF:35.4/22

Left: -526.775+/-264.065 χ^2/NDF: 74.9/46

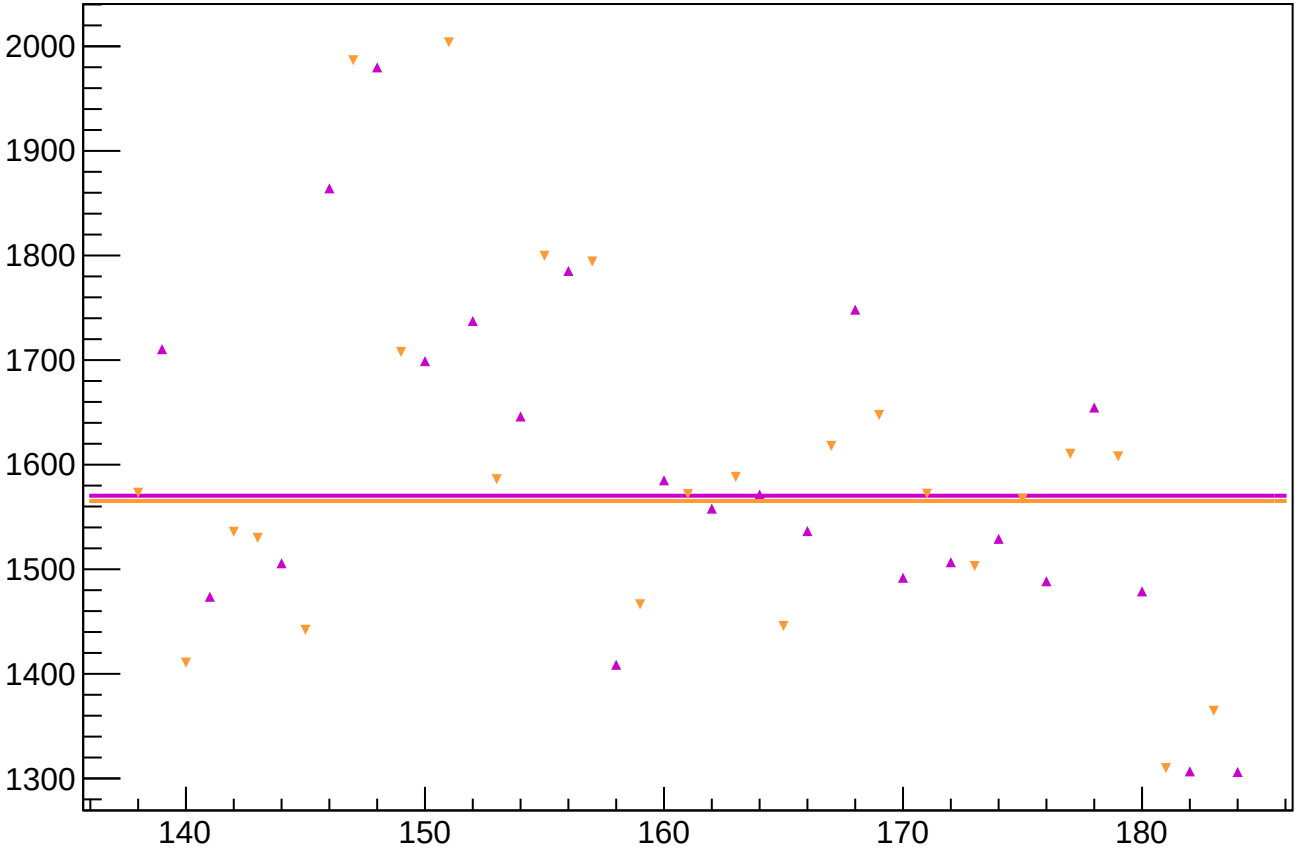
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -261.815+/-376.203 χ^2/NDF:35.4/22

Out: -784.104+/-370.746 χ^2/NDF:38.5/23

All: -526.775+/-264.065 χ^2/NDF: 74.9/46

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1565.247+/-0.262 χ^2/NDF:355513.1/23

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

Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

Left: 1567.752+/-0.187 χ^2/NDF: 685132.9/46

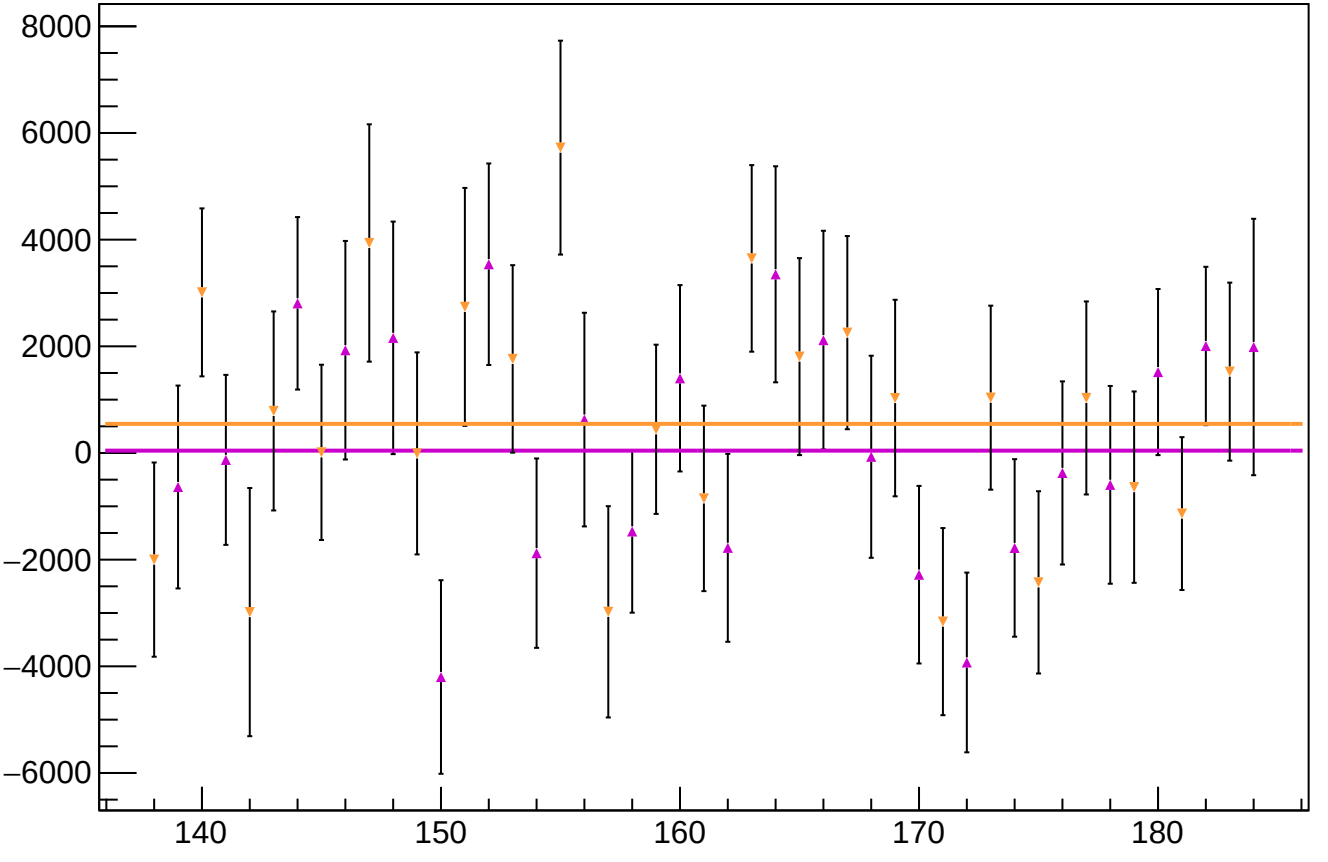
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

Out: 1565.247+/-0.262 χ^2/NDF:355513.1/23

All: 1567.752+/-0.187 χ^2/NDF: 685132.9/46

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 546.217+/-365.909 χ^2/NDF:35.5/23

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

Left In: 43.949+/-371.765 χ^2/NDF:33.5/22

Left: 299.070+/-260.783 χ^2/NDF: 70.0/46

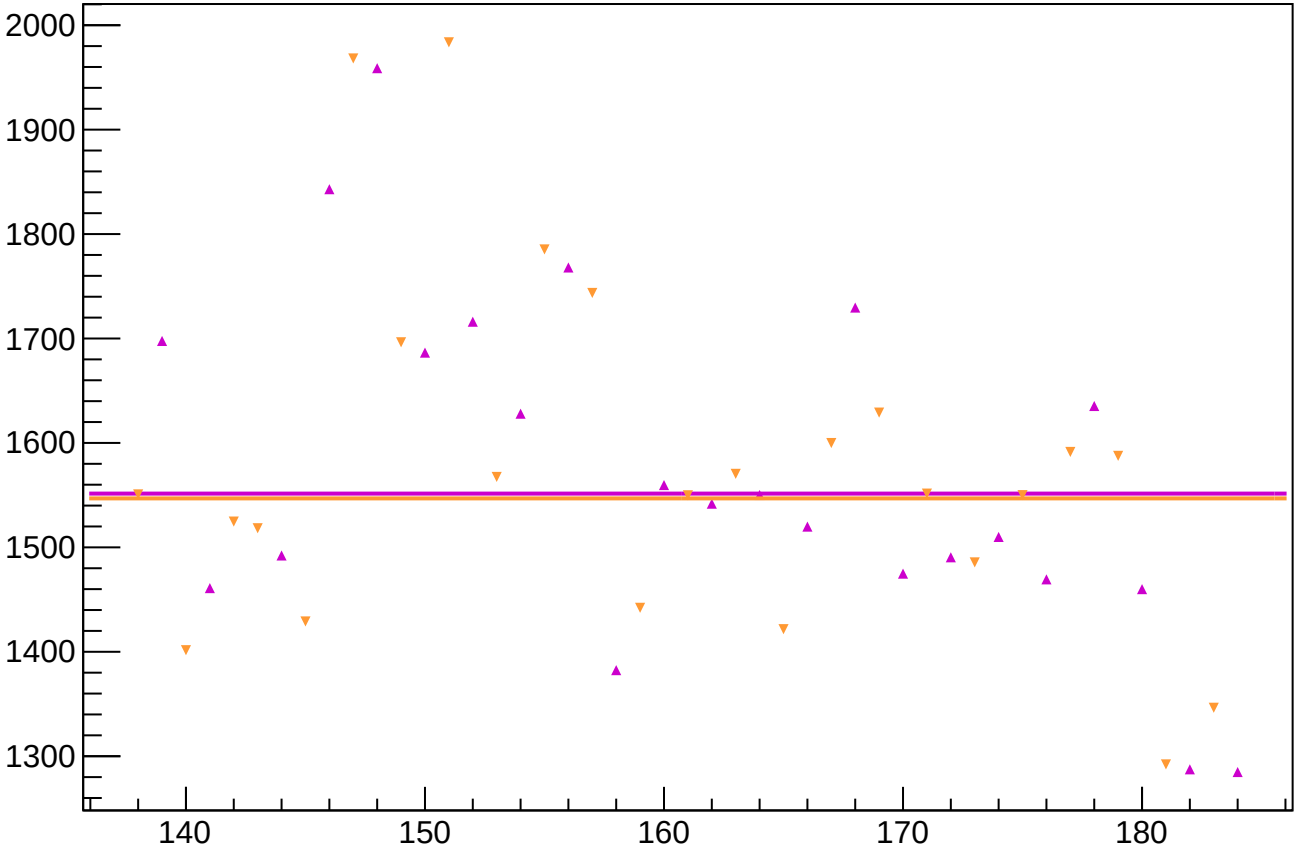
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 43.949+/-371.765 χ^2/NDF:33.5/22

Out: 546.217+/-365.909 χ^2/NDF:35.5/23

All: 299.070+/-260.783 χ^2/NDF: 70.0/46

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1546.887+/-0.259 χ^2/NDF:357875.8/23

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

Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

Left: 1549.147+/-0.184 χ^2/NDF: 697033.8/46

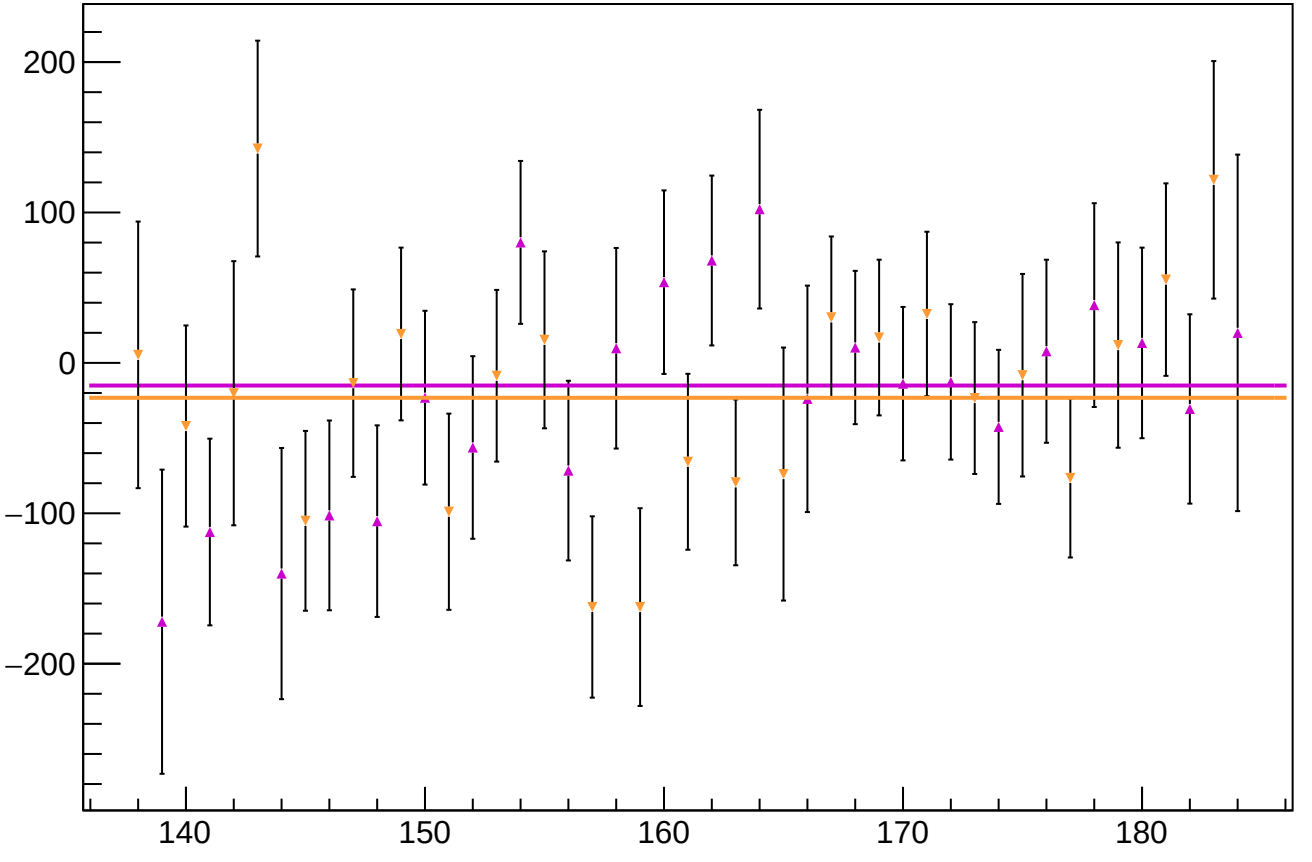
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

Out: 1546.887+/-0.259 χ^2/NDF:357875.8/23

All: 1549.147+/-0.184 χ^2/NDF: 697033.8/46

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -23.202+/-12.640 χ^2/NDF:30.4/23

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

Left In: -15.058+/-12.921 χ^2/NDF:23.8/22

Left: -19.220+/-9.035 χ^2/NDF: 54.4/46

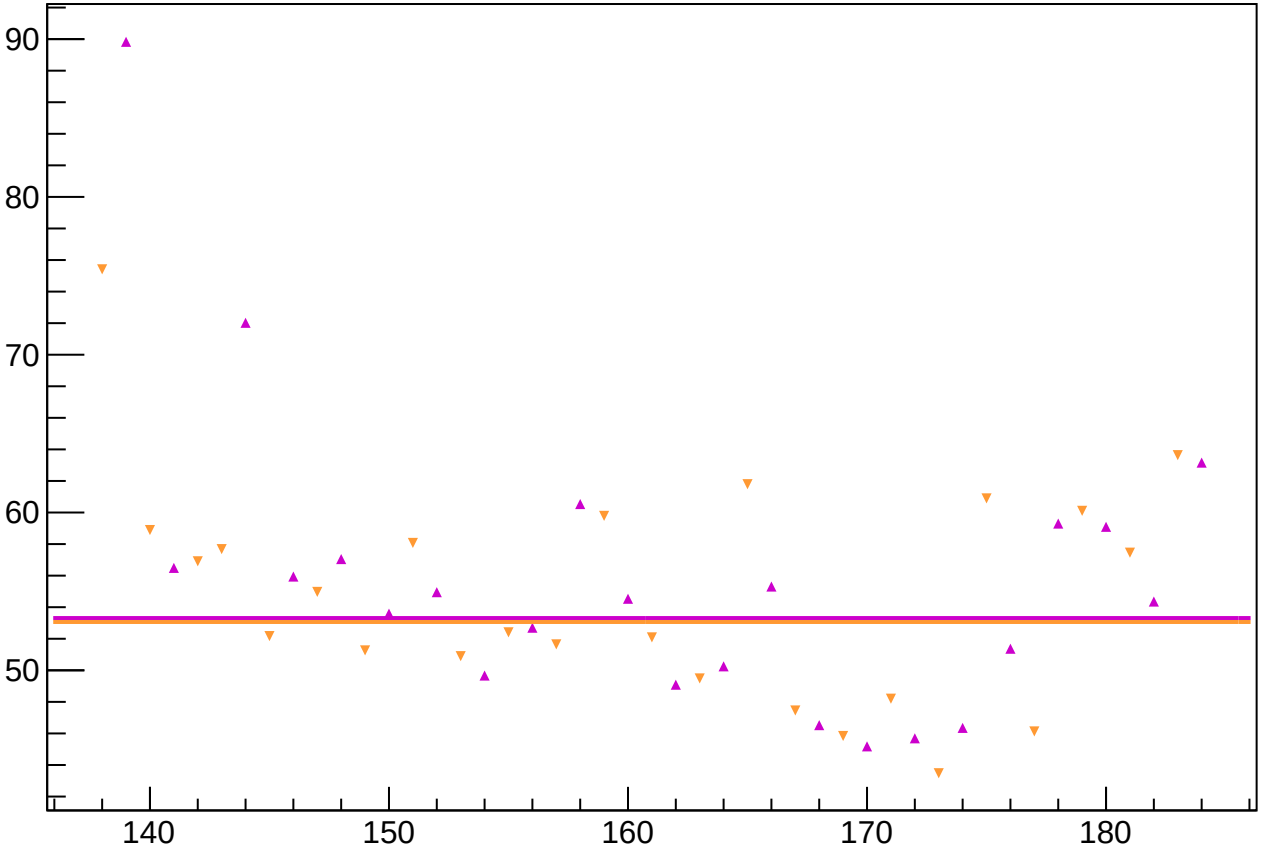
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.058+/-12.921 χ^2/NDF:23.8/22

Out: -23.202+/-12.640 χ^2/NDF:30.4/23

All: -19.220+/-9.035 χ^2/NDF: 54.4/46

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 53.064+/-0.009 χ^2/NDF:502952.2/23

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

Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

Left: 53.185+/-0.006 χ^2/NDF: 1147550.5/46

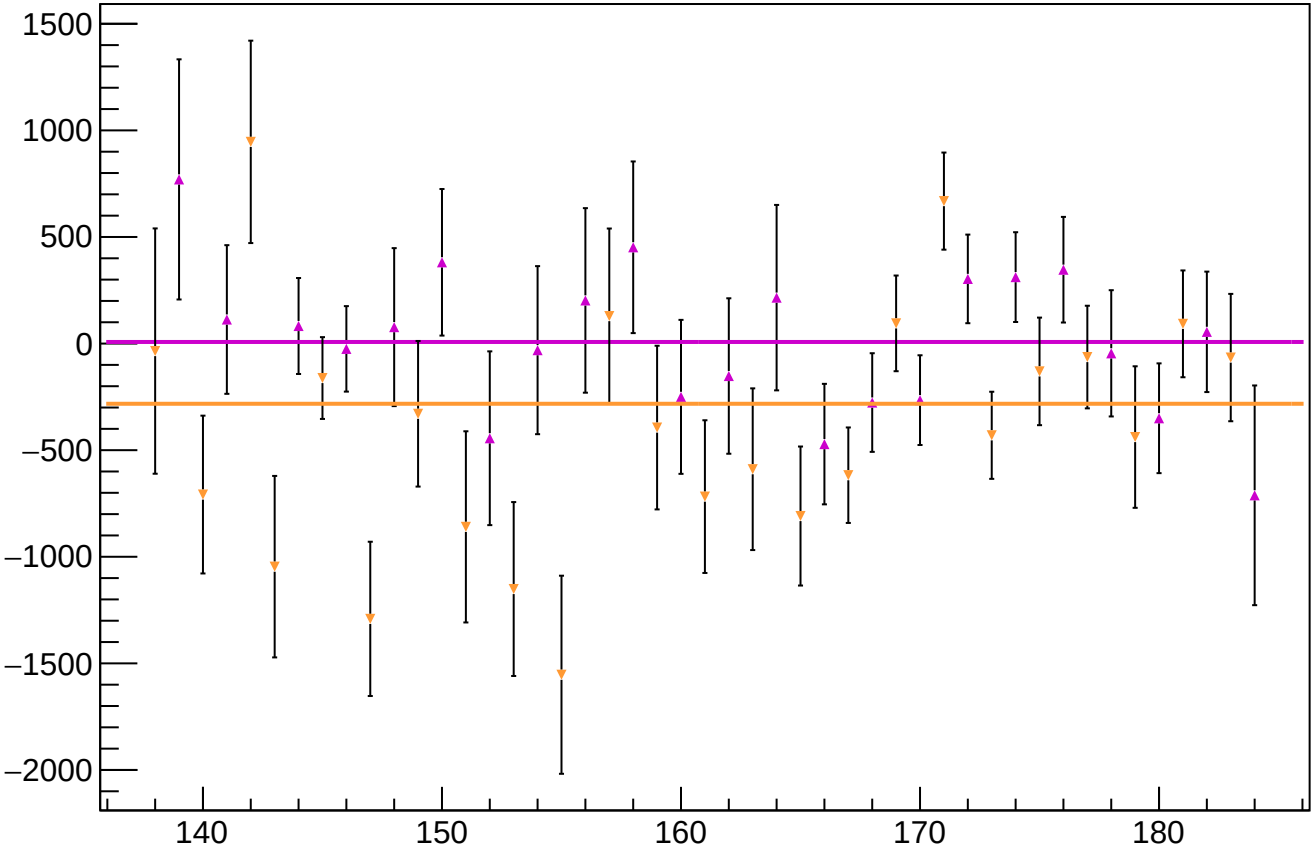
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.312+/-0.009 χ^2/NDF:644220.1/22

Out: 53.064+/-0.009 χ^2/NDF:502952.2/23

All: 53.185+/-0.006 χ^2/NDF: 1147550.5/46

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -282.332+/-61.041 χ^2/NDF:66.3/23

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

Left In: 7.535+/-60.328 χ^2/NDF:22.9/22

Left: -135.696+/-42.908 χ^2/NDF: 100.6/46

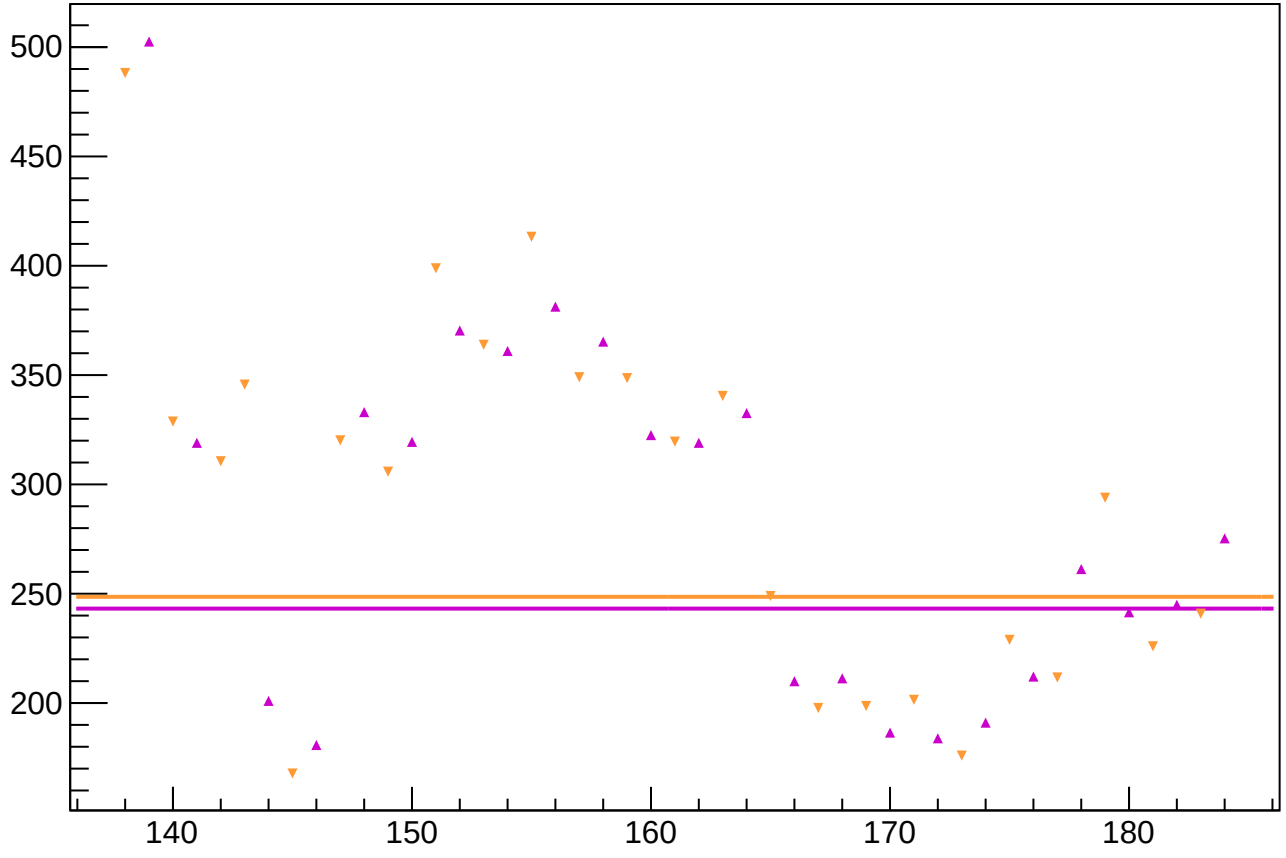
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.535+/-60.328 χ^2/NDF:22.9/22

Out: -282.332+/-61.041 χ^2/NDF:66.3/23

All: -135.696+/-42.908 χ^2/NDF: 100.6/46

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 248.579+/-0.043 χ^2/NDF:2809772.3/23

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

Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

Left: 245.852+/-0.030 χ^2/NDF: 5388851.5/46

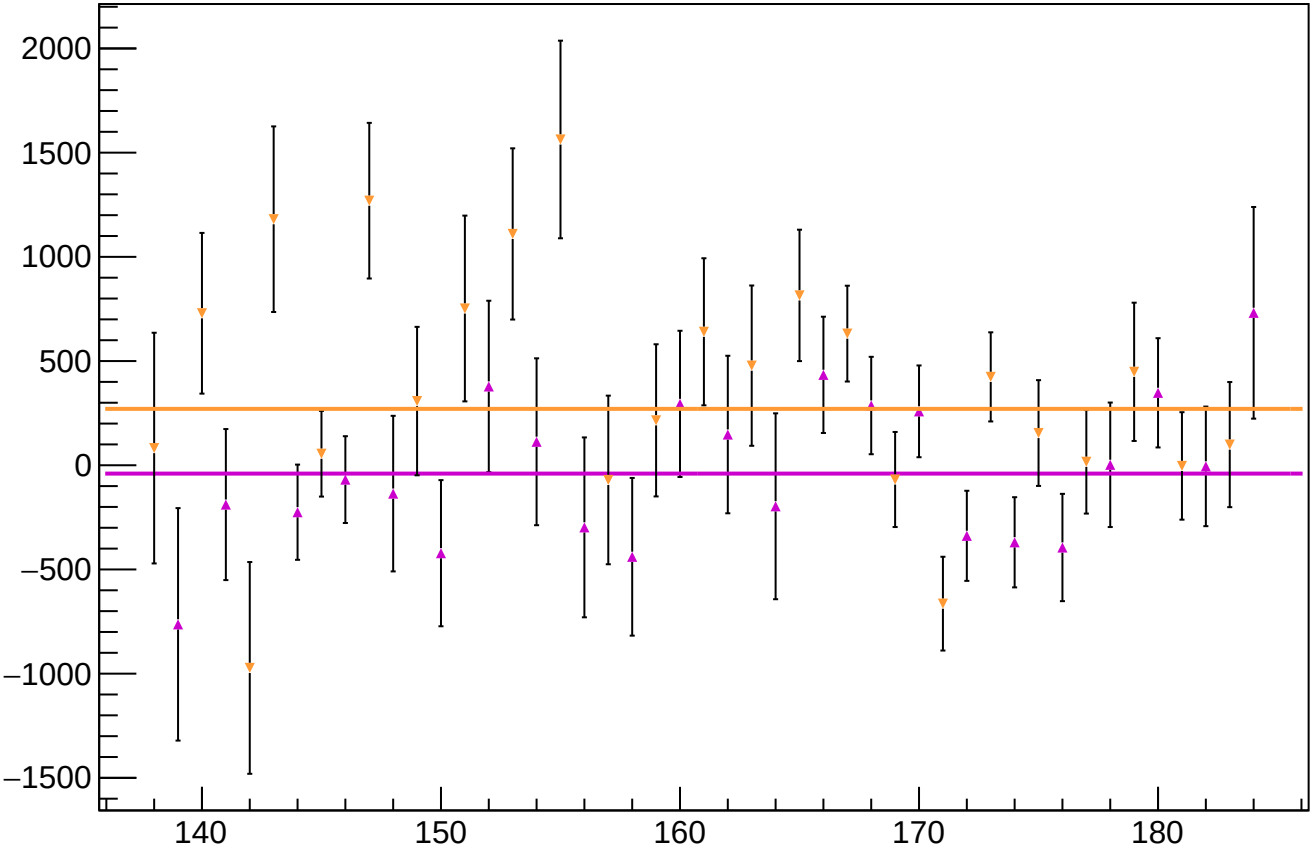
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

Out: 248.579+/-0.043 χ^2/NDF:2809772.3/23

All: 245.852+/-0.030 χ^2/NDF: 5388851.5/46

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 270.608+/-62.235 χ^2/NDF:63.3/23

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

Left In: -40.015+/-61.495 χ^2/NDF:25.0/22

Left: 113.440+/-43.743 χ^2/NDF: 100.9/46

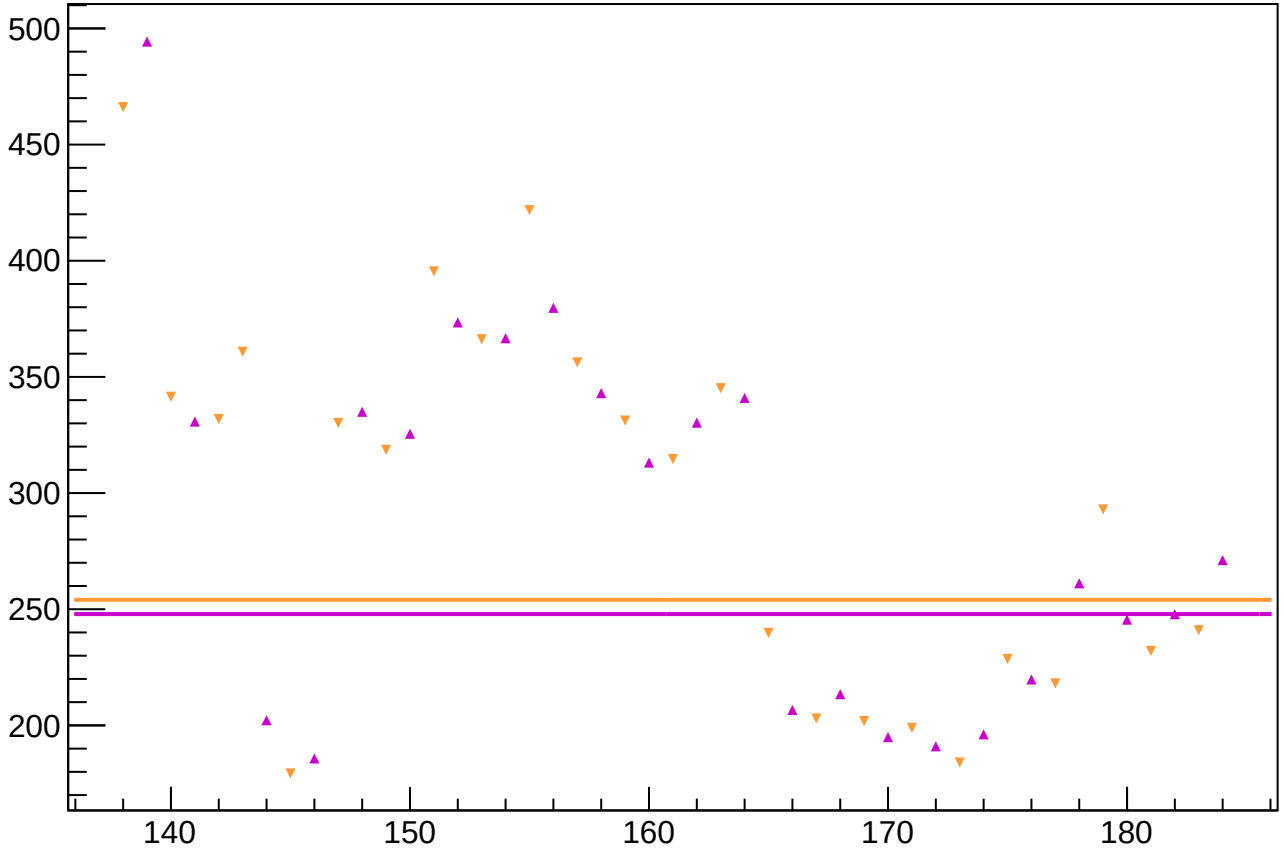
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -40.015+/-61.495 χ^2/NDF:25.0/22

Out: 270.608+/-62.235 χ^2/NDF:63.3/23

All: 113.440+/-43.743 χ^2/NDF: 100.9/46

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 254.059+/-0.044 χ^2/NDF:2610050.0/23

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

Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

Left: 250.952+/-0.031 χ^2/NDF: 4994600.2/46

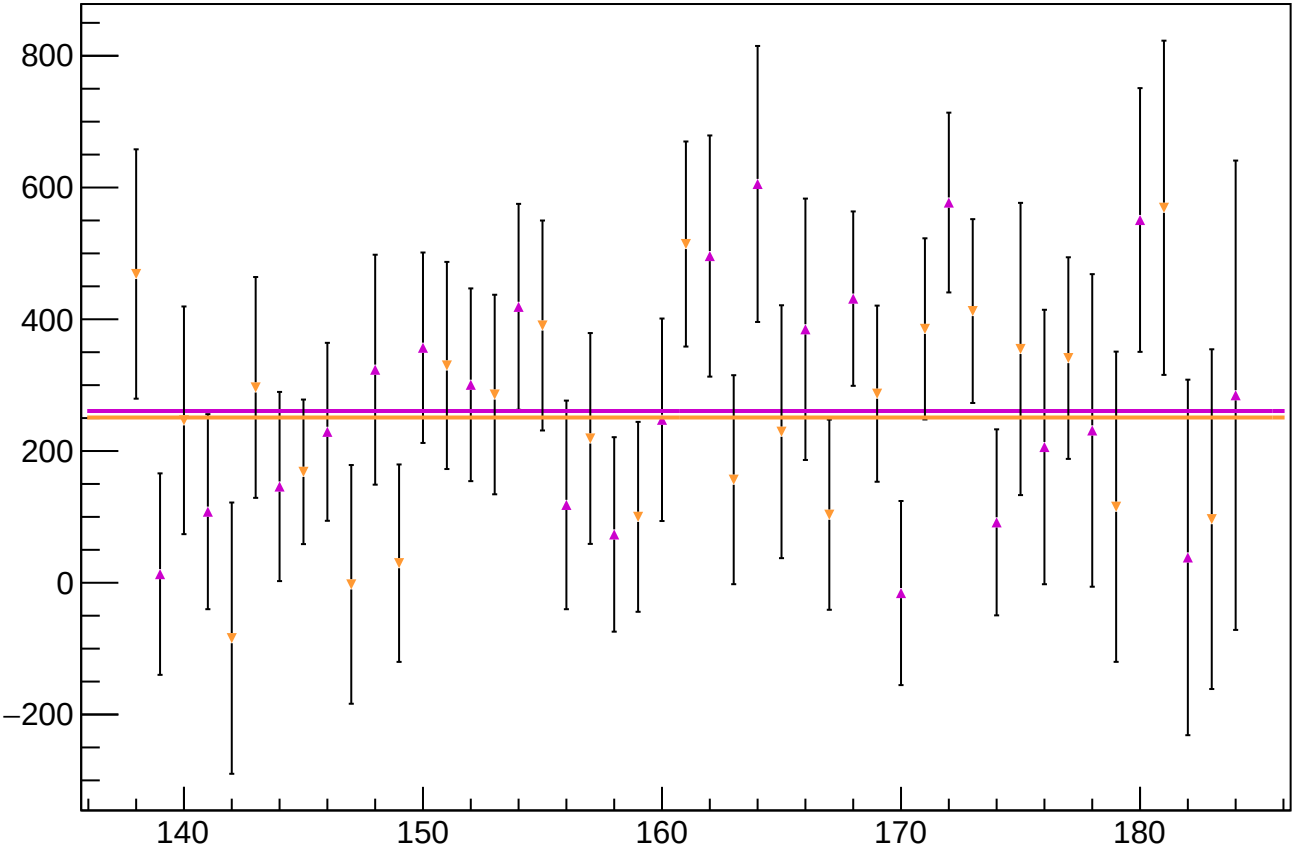
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

Out: 254.059+/-0.044 χ^2/NDF:2610050.0/23

All: 250.952+/-0.031 χ^2/NDF: 4994600.2/46

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 250.880+/-33.021 χ^2/NDF:20.4/23

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

Left In: 260.749+/-33.988 χ^2/NDF:28.5/22

Left: 255.672+/-23.684 χ^2/NDF: 48.9/46

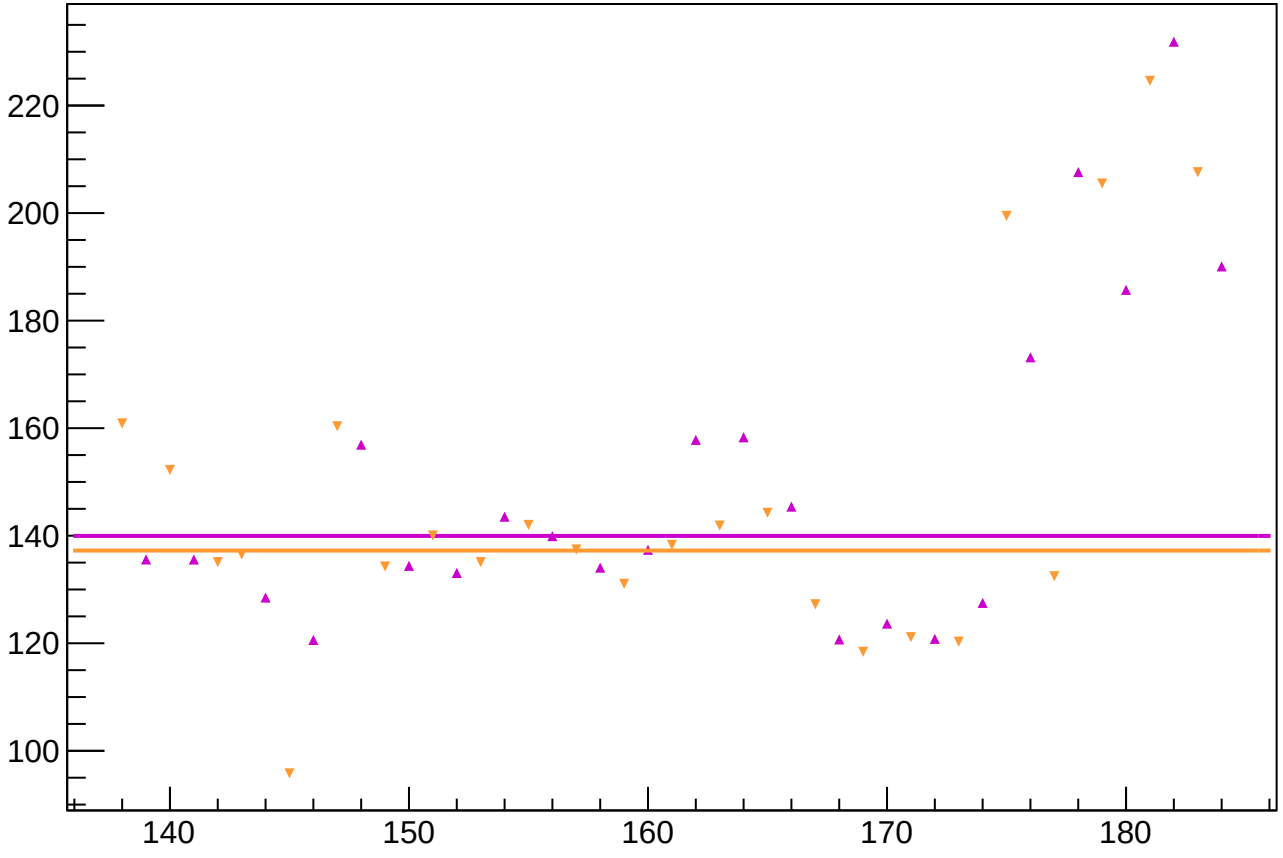
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 260.749+/-33.988 χ^2/NDF:28.5/22

Out: 250.880+/-33.021 χ^2/NDF:20.4/23

All: 255.672+/-23.684 χ^2/NDF: 48.9/46

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 137.245+/-0.023 χ^2/NDF:1195664.1/23

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

Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

Left: 138.566+/-0.017 χ^2/NDF: 2040386.3/46

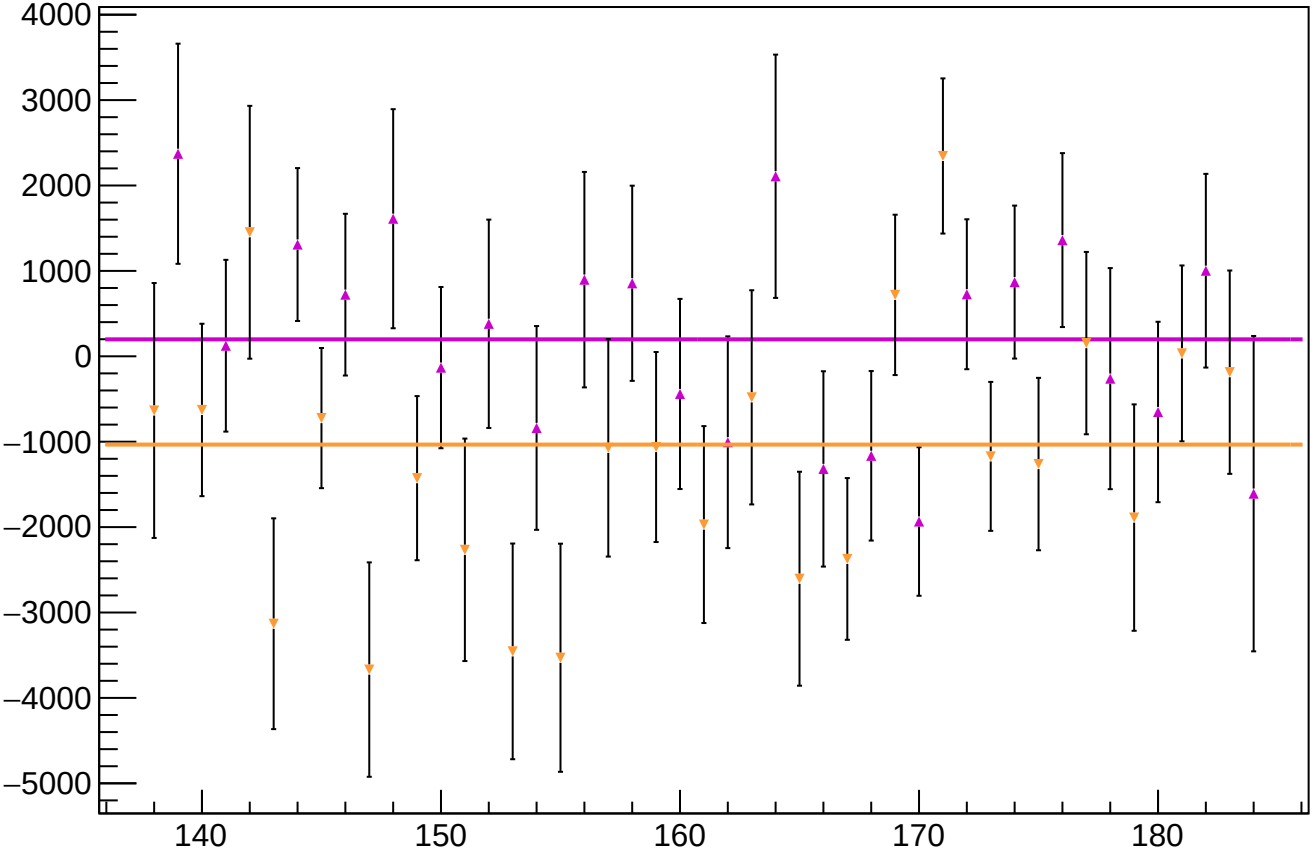
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 139.966+/-0.024 χ^2/NDF:838127.9/22

Out: 137.245+/-0.023 χ^2/NDF:1195664.1/23

All: 138.566+/-0.017 χ^2/NDF: 2040386.3/46

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1033.791+/-224.587 χ^2/NDF:43.8/23

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

Left In: 198.654+/-225.997 χ^2/NDF:24.6/22

Left: -421.425+/-159.303 χ^2/NDF: 83.4/46

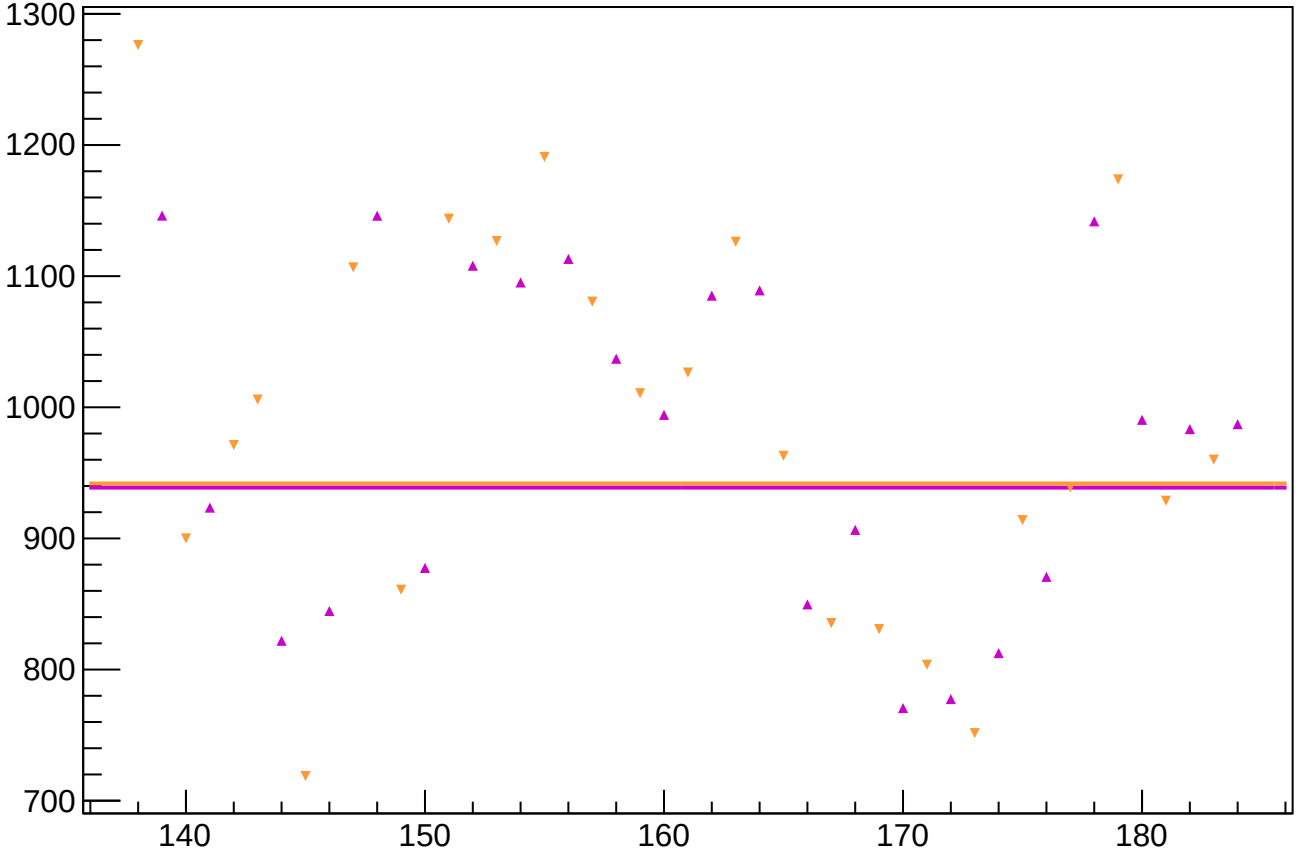
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 198.654+/-225.997 χ^2/NDF:24.6/22

Out: -1033.791+/-224.587 χ^2/NDF:43.8/23

All: -421.425+/-159.303 χ^2/NDF: 83.4/46

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 941.893+/-0.159 χ^2/NDF:811247.2/23

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

Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

Left: 940.334+/-0.113 χ^2/NDF: 1422860.2/46

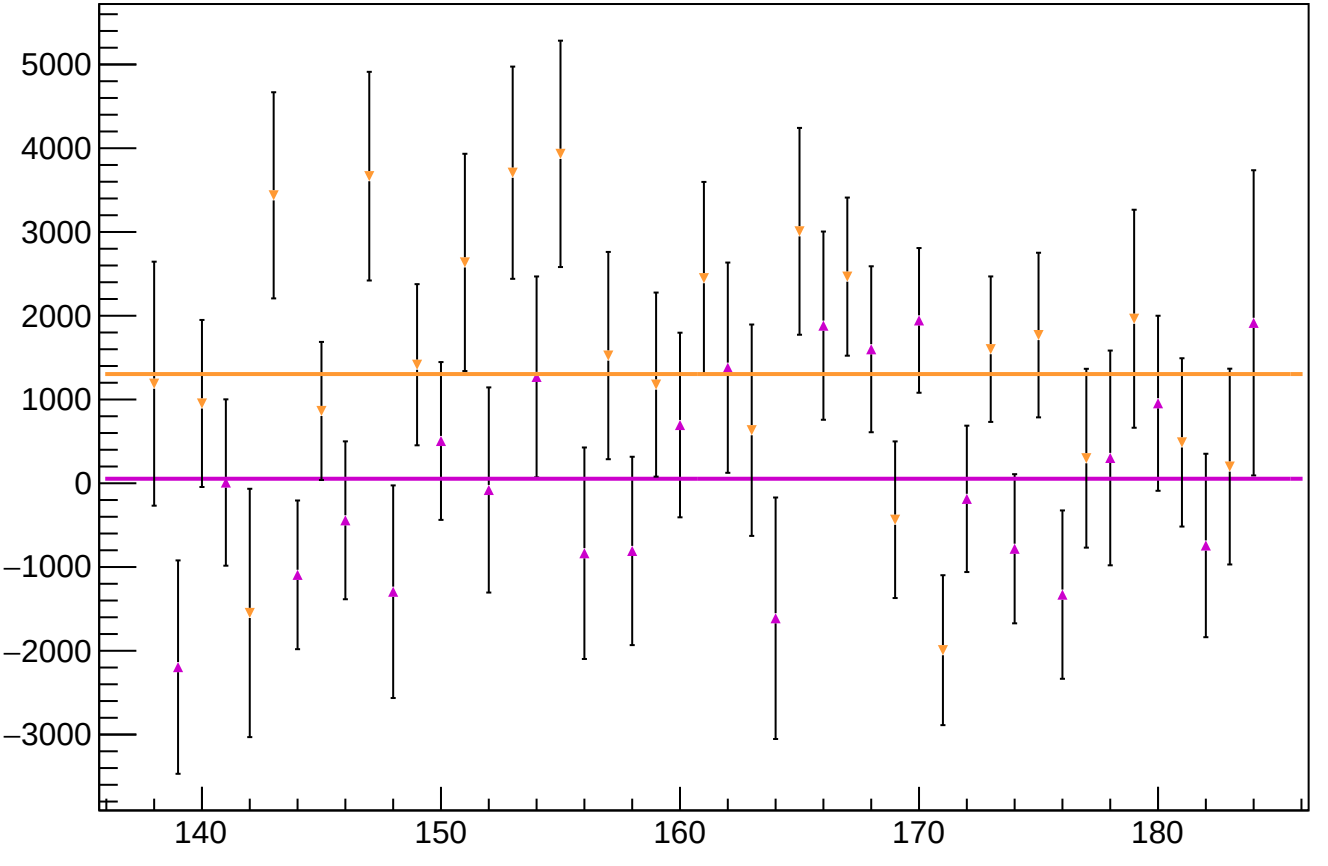
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 938.755+/-0.160 χ^2/NDF:611419.0/22

Out: 941.893+/-0.159 χ^2/NDF:811247.2/23

All: 940.334+/-0.113 χ^2/NDF: 1422860.2/46

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1303.830+/-222.813 χ^2/NDF:44.0/23

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

Left In: 53.940+/-224.371 χ^2/NDF:26.4/22

Left: 683.238+/-158.101 χ^2/NDF: 86.0/46

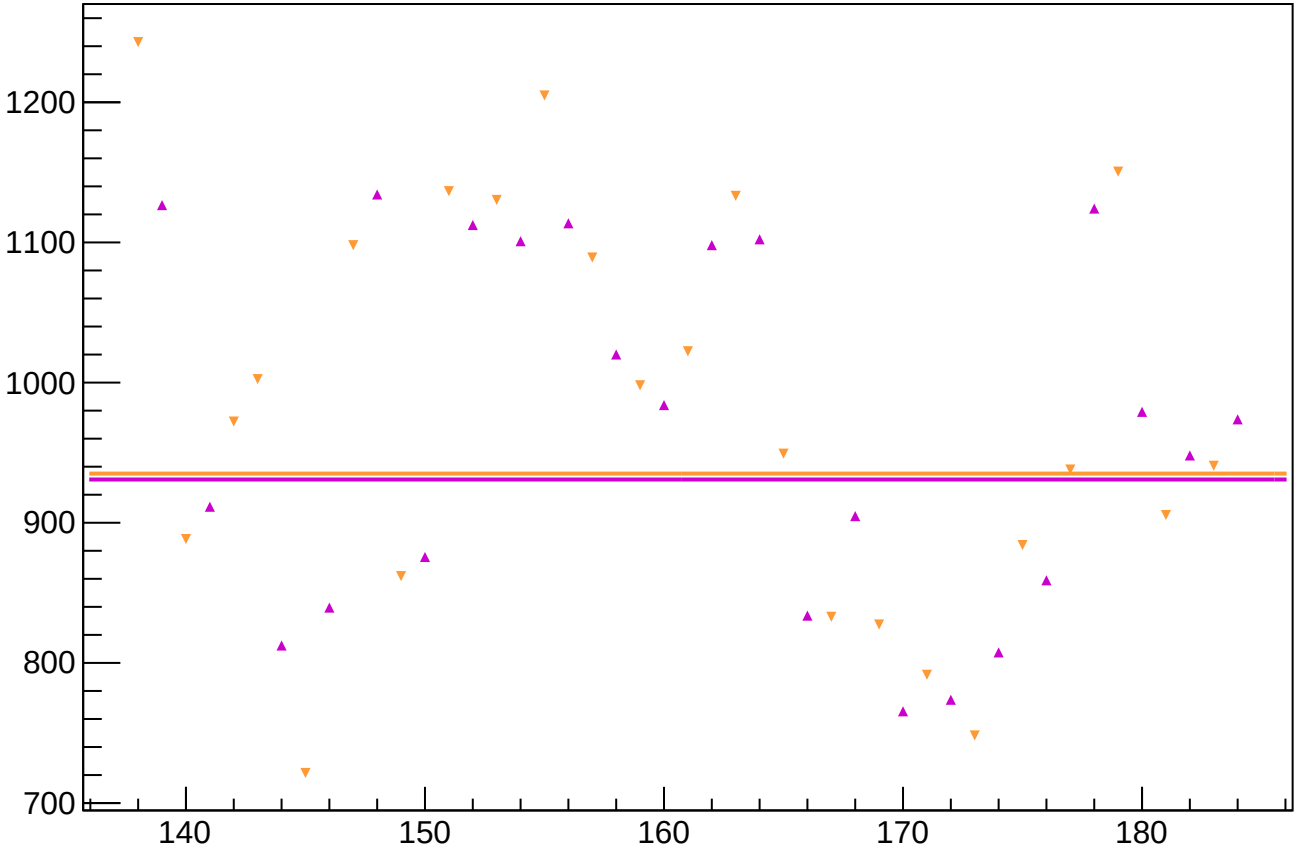
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.940+/-224.371 χ^2/NDF:26.4/22

Out: 1303.830+/-222.813 χ^2/NDF:44.0/23

All: 683.238+/-158.101 χ^2/NDF: 86.0/46

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 935.087+/-0.158 χ^2/NDF:811192.5/23

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

Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

Left: 932.985+/-0.112 χ^2/NDF: 1433536.3/46

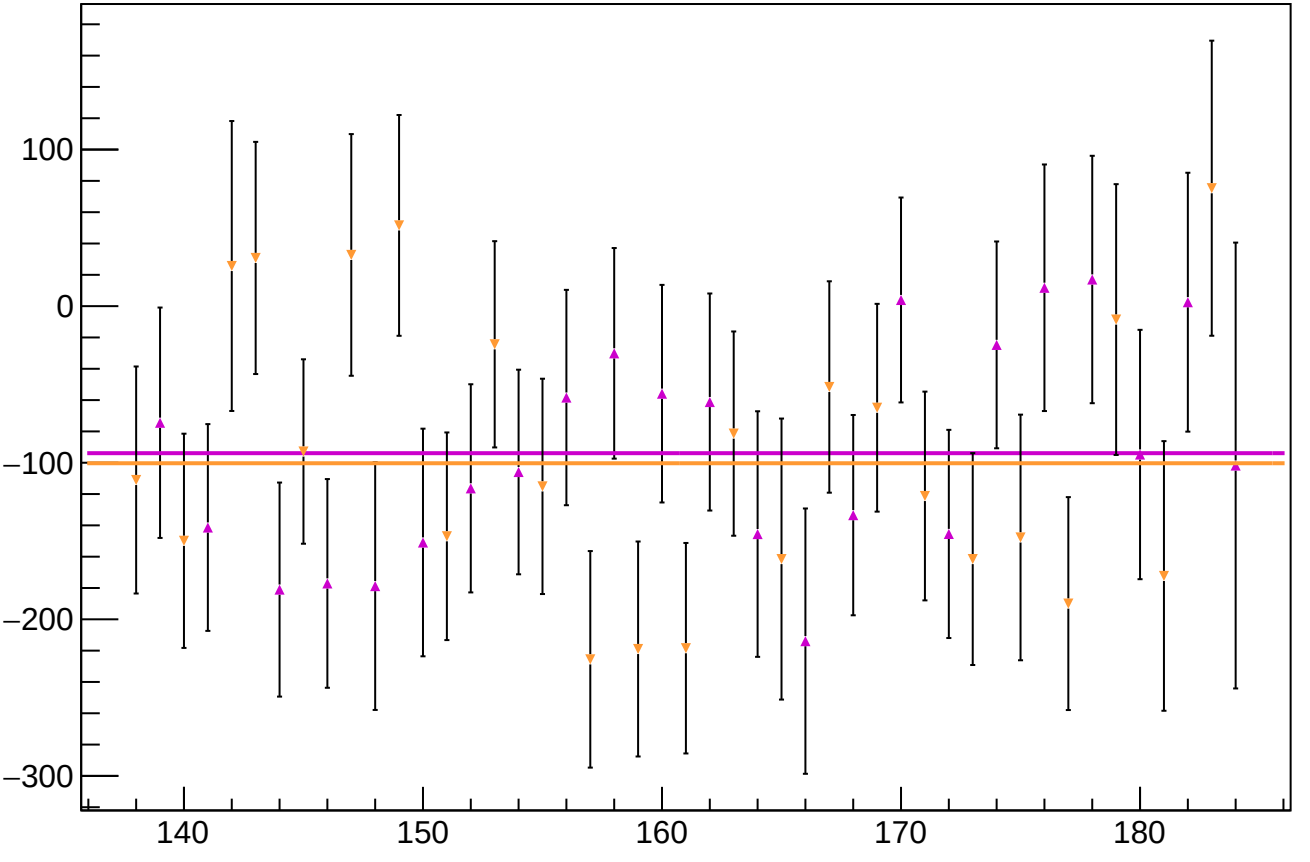
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 930.854+/-0.159 χ^2/NDF:621985.5/22

Out: 935.087+/-0.158 χ^2/NDF:811192.5/23

All: 932.985+/-0.112 χ^2/NDF: 1433536.3/46

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: -100.326+/-14.615 χ^2/NDF:34.1/23

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

Left In: -93.899+/-15.039 χ^2/NDF:19.3/22

Left: -97.205+/-10.481 χ^2/NDF: 53.4/46

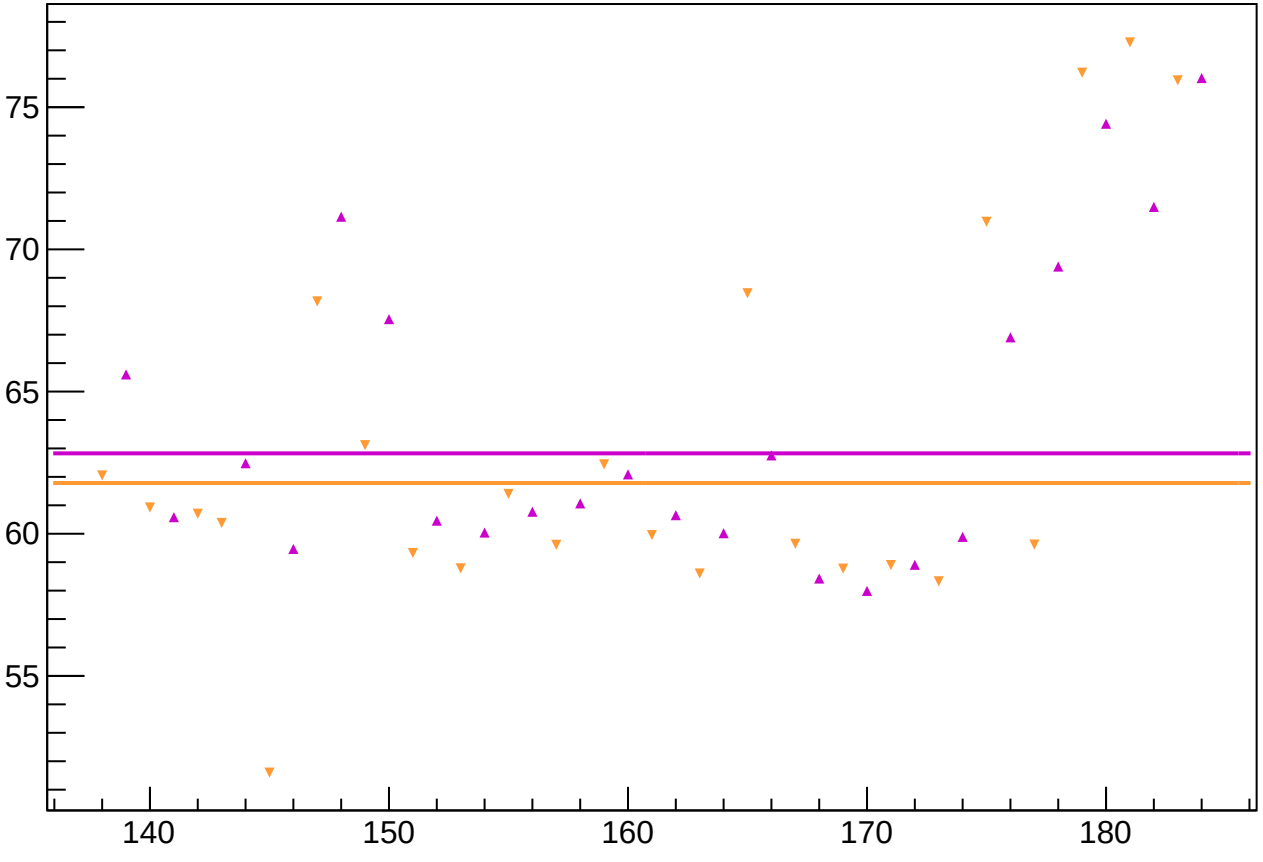
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -93.899+/-15.039 χ^2/NDF:19.3/22

Out: -100.326+/-14.615 χ^2/NDF:34.1/23

All: -97.205+/-10.481 χ^2/NDF: 53.4/46

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: 61.784+/-0.010 χ^2/NDF:312160.5/23

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

Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

Left: 62.291+/-0.007 χ^2/NDF: 504117.8/46

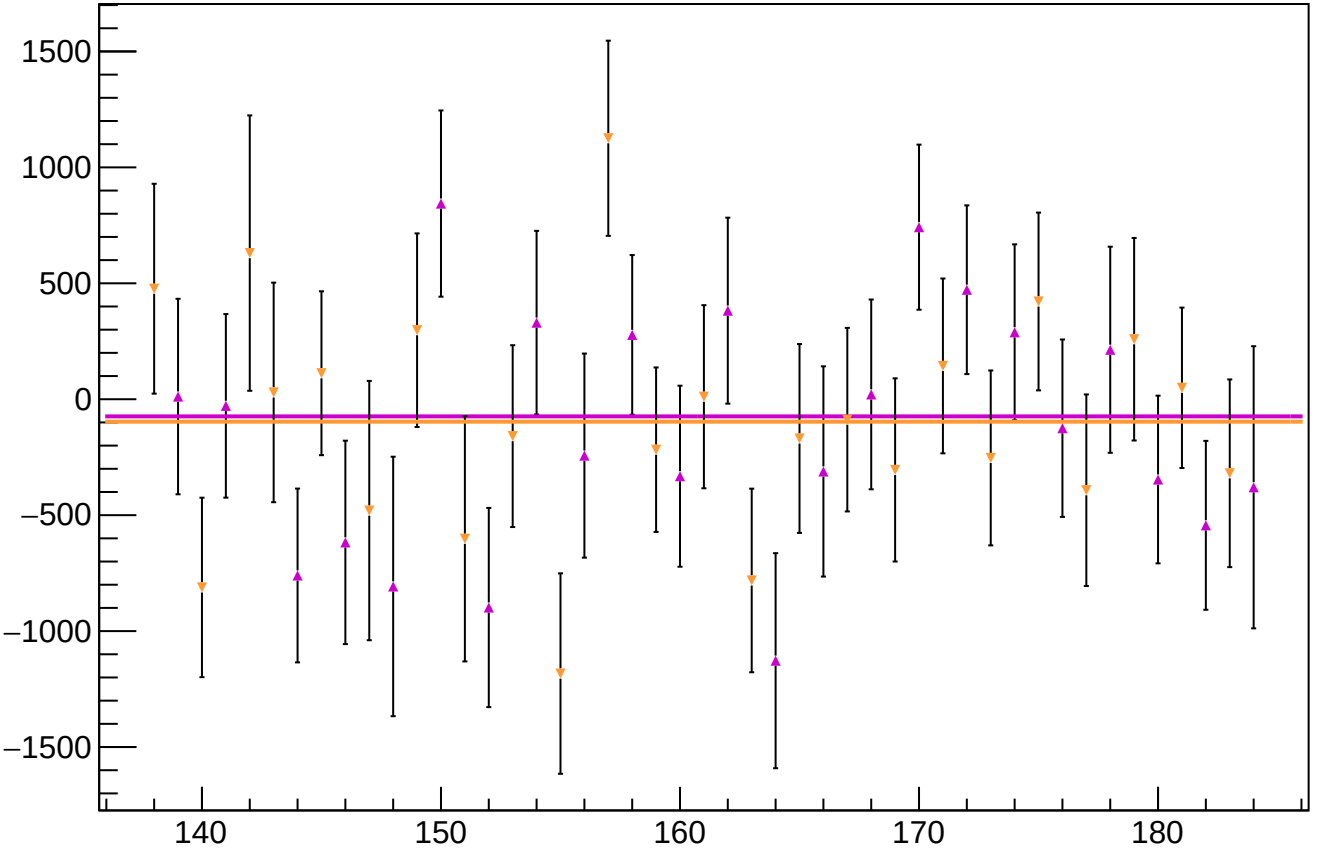
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.827+/-0.011 χ^2/NDF:187007.2/22

Out: 61.784+/-0.010 χ^2/NDF:312160.5/23

All: 62.291+/-0.007 χ^2/NDF: 504117.8/46

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -96.804+/-83.664 χ^2/NDF:31.5/23

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

Left In: -73.914+/-84.652 χ^2/NDF:36.4/22

Left: -85.494+/-59.506 χ^2/NDF: 67.9/46

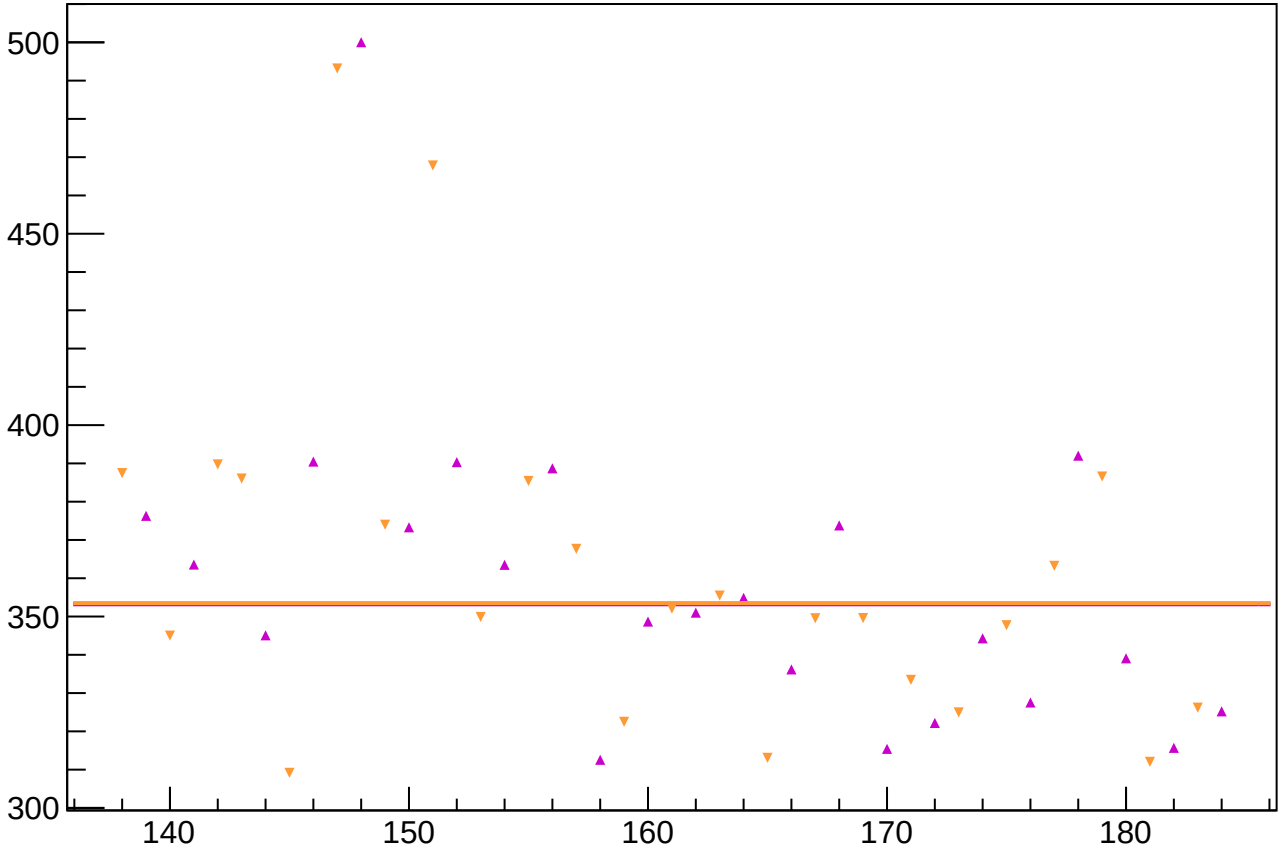
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -73.914+/-84.652 χ^2/NDF:36.4/22

Out: -96.804+/-83.664 χ^2/NDF:31.5/23

All: -85.494+/-59.506 χ^2/NDF: 67.9/46

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: 353.510+/-0.059 χ^2/NDF:400403.8/23

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

Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

Left: 353.356+/-0.042 χ^2/NDF: 722178.7/46

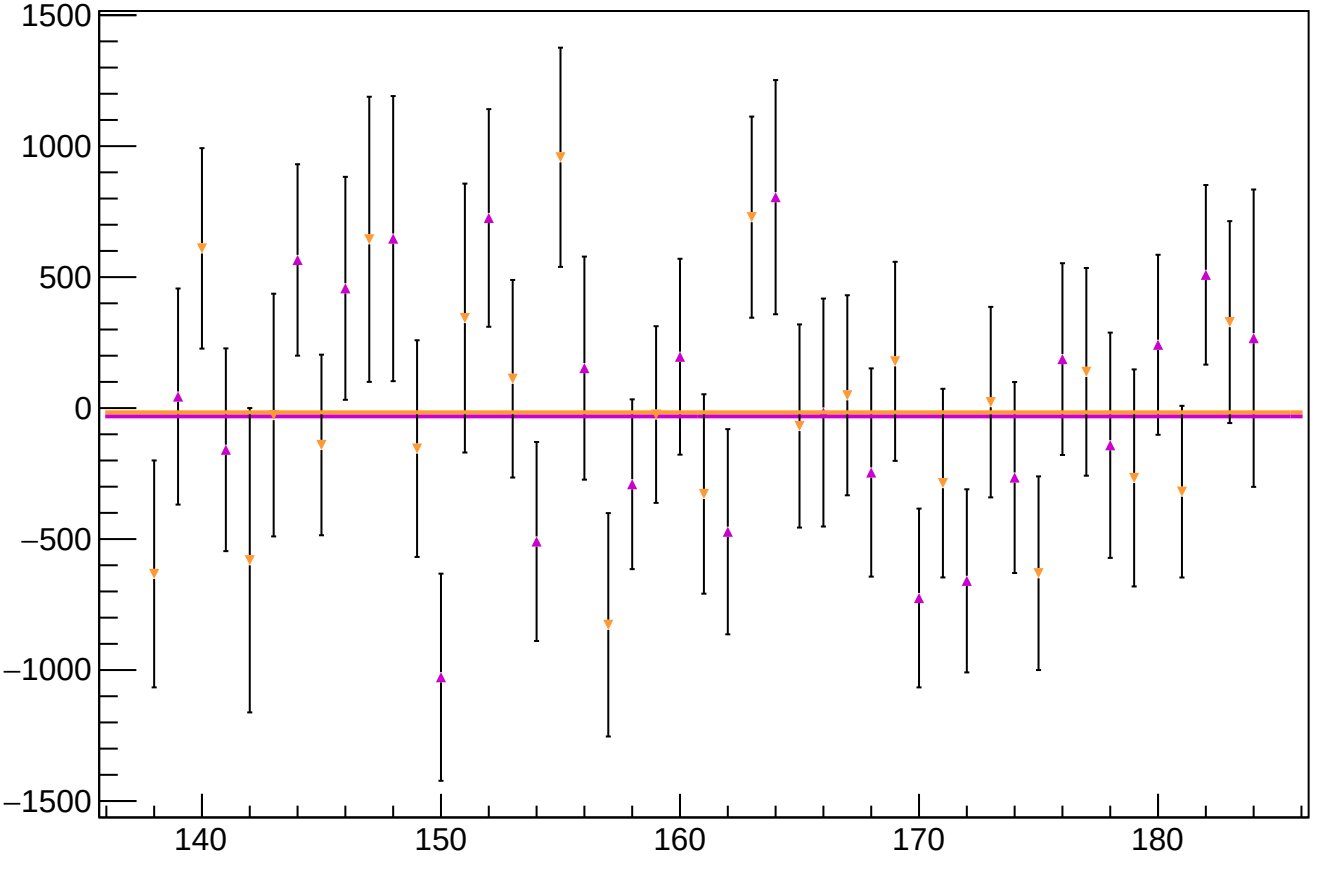
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 353.197+/-0.060 χ^2/NDF:321761.0/22

Out: 353.510+/-0.059 χ^2/NDF:400403.8/23

All: 353.356+/-0.042 χ^2/NDF: 722178.7/46

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -16.019+/-80.792 χ^2/NDF:27.3/23

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

Left In: -31.531+/-81.476 χ^2/NDF:34.8/22

Left: -23.710+/-57.369 χ^2/NDF: 62.1/46

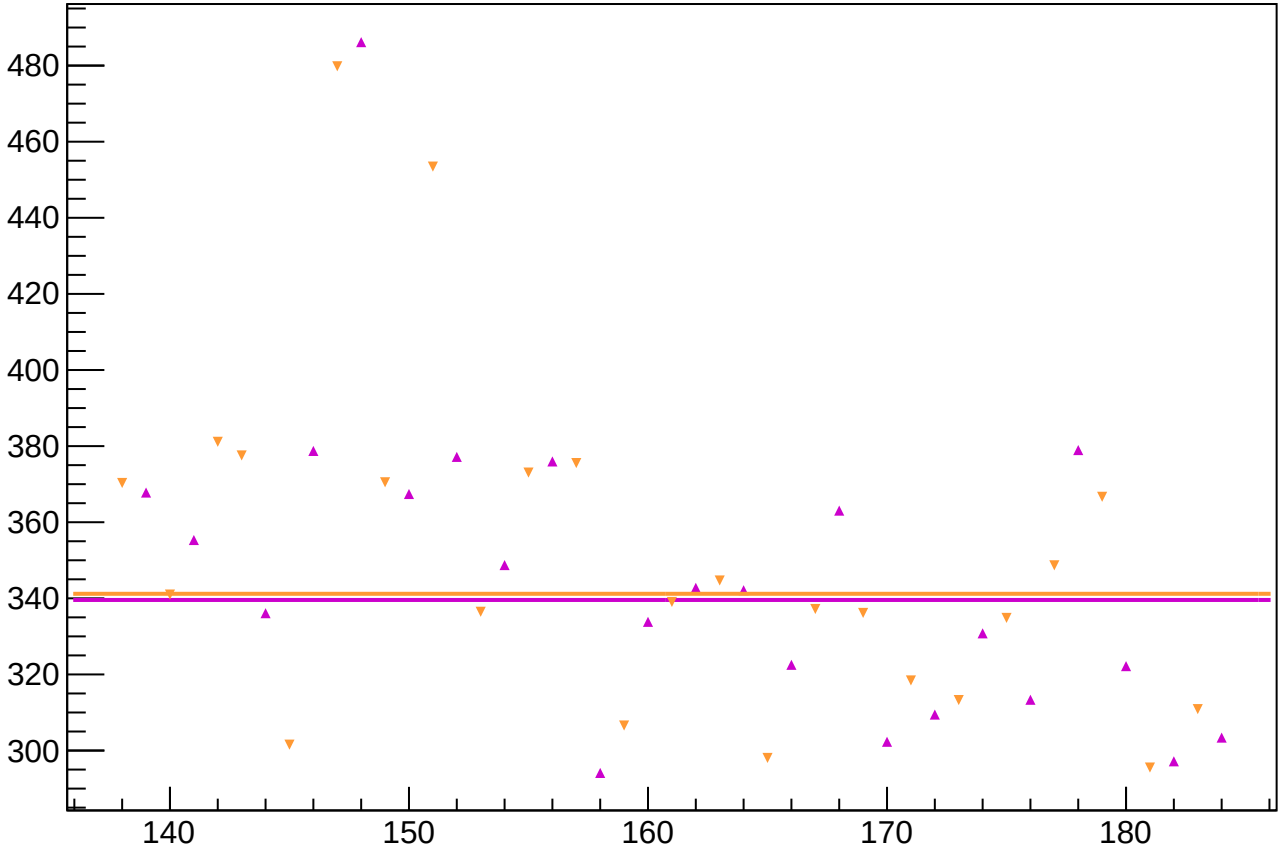
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.531+/-81.476 χ^2/NDF:34.8/22

Out: -16.019+/-80.792 χ^2/NDF:27.3/23

All: -23.710+/-57.369 χ^2/NDF: 62.1/46

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 341.193+/-0.057 χ^2/NDF:444101.4/23

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

Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

Left: 340.389+/-0.041 χ^2/NDF: 822317.2/46

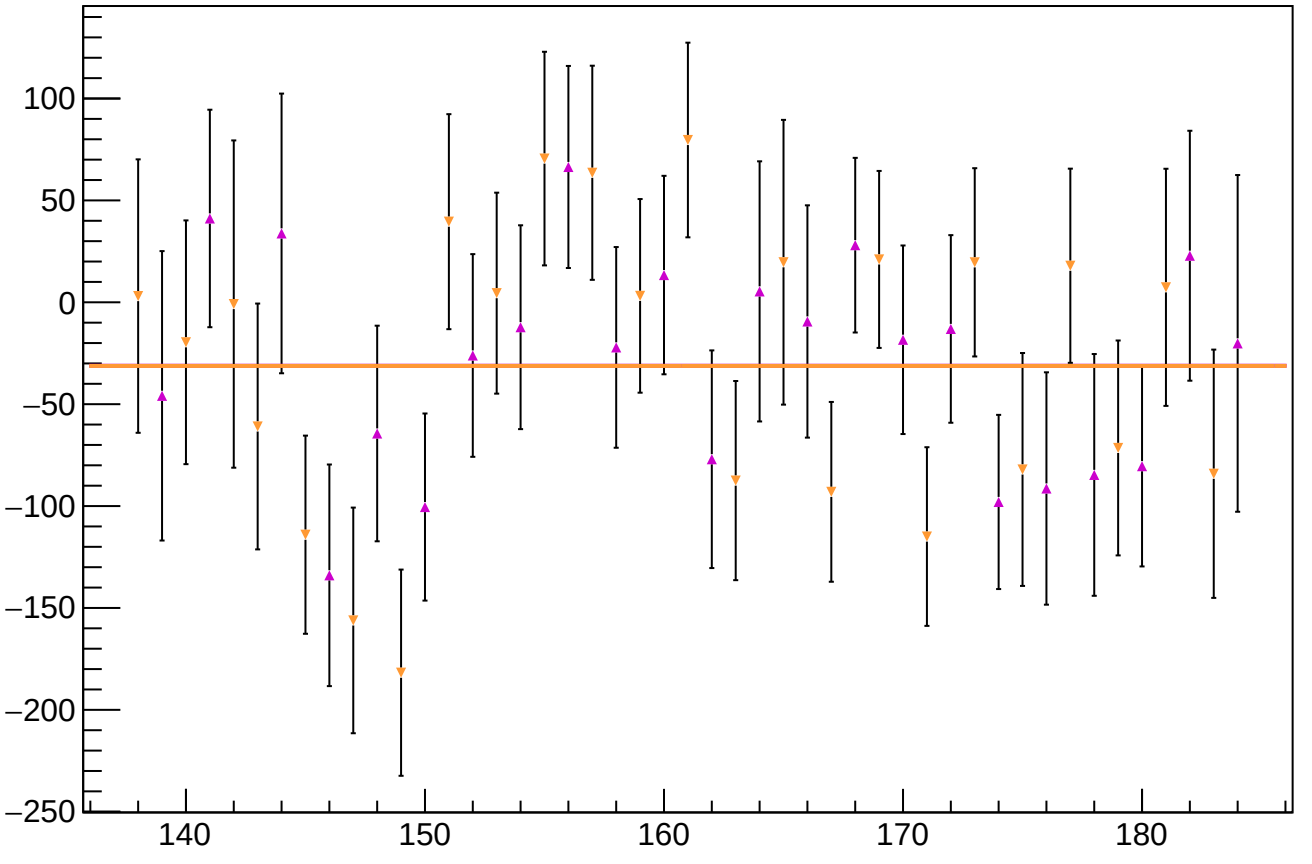
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 339.571+/-0.058 χ^2/NDF:377816.0/22

Out: 341.193+/-0.057 χ^2/NDF:444101.4/23

All: 340.389+/-0.041 χ^2/NDF: 822317.2/46

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -31.227+/-10.674 χ^2/NDF:46.5/23

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

Left In: -31.144+/-10.958 χ^2/NDF:23.4/22

Left: -31.187+/-7.646 χ^2/NDF: 70.0/46

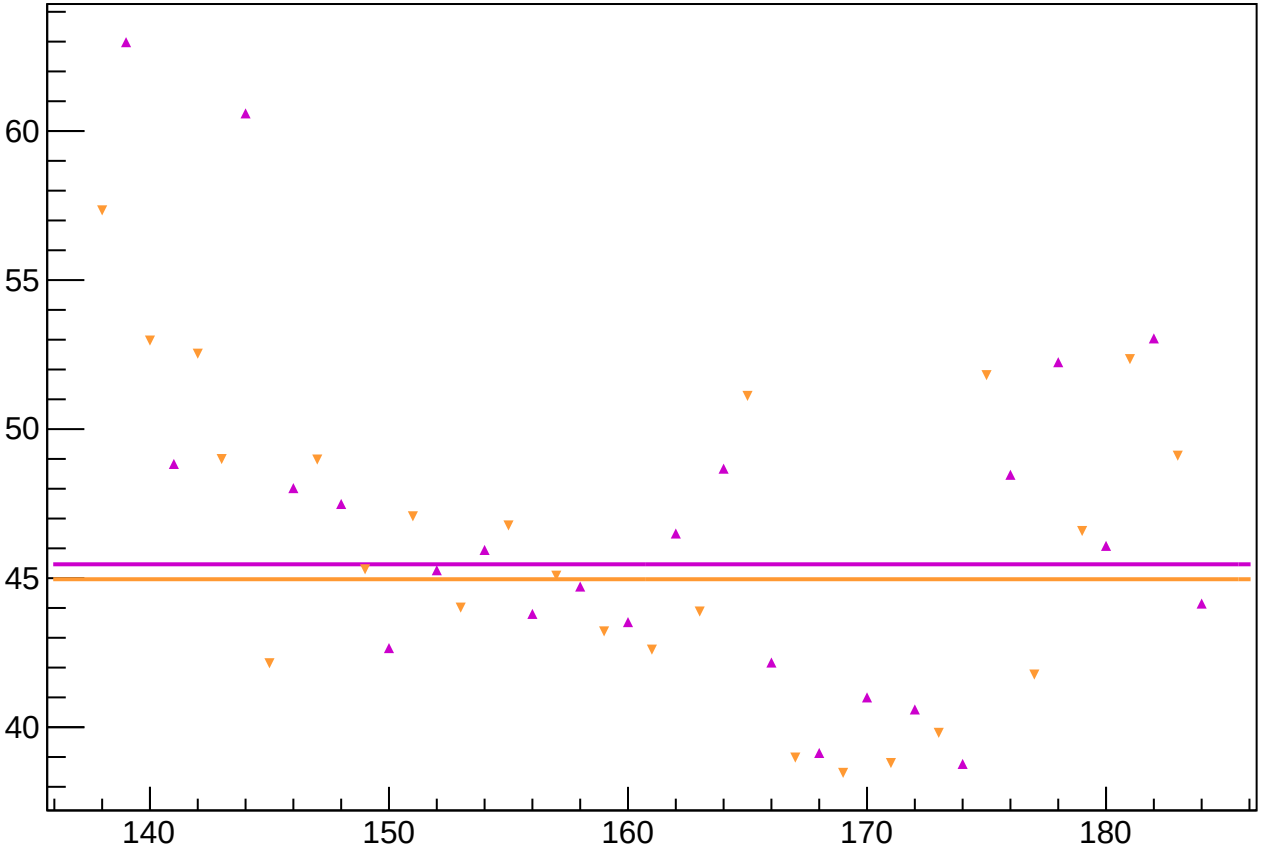
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.144+/-10.958 χ^2/NDF:23.4/22

Out: -31.227+/-10.674 χ^2/NDF:46.5/23

All: -31.187+/-7.646 χ^2/NDF: 70.0/46

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 44.964+/-0.008 χ^2/NDF:405352.8/23

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

Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

Left: 45.208+/-0.005 χ^2/NDF: 864520.0/46

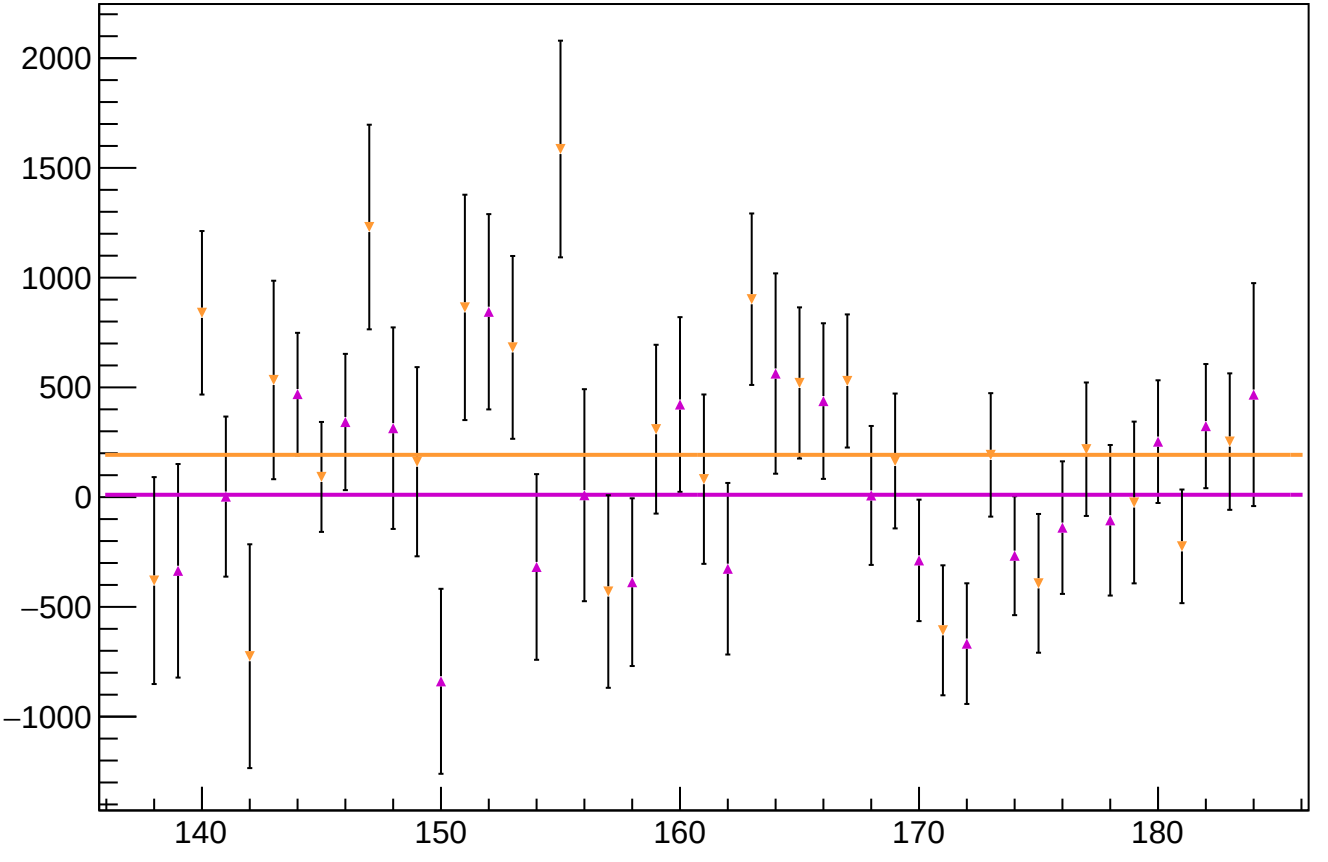
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 45.465+/-0.008 χ^2/NDF:457021.7/22

Out: 44.964+/-0.008 χ^2/NDF:405352.8/23

All: 45.208+/-0.005 χ^2/NDF: 864520.0/46

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: 192.738+/-72.040 χ^2/NDF:45.8/23

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

Left In: 10.801+/-72.300 χ^2/NDF:30.2/22

Left: 102.097+/-51.032 χ^2/NDF: 79.2/46

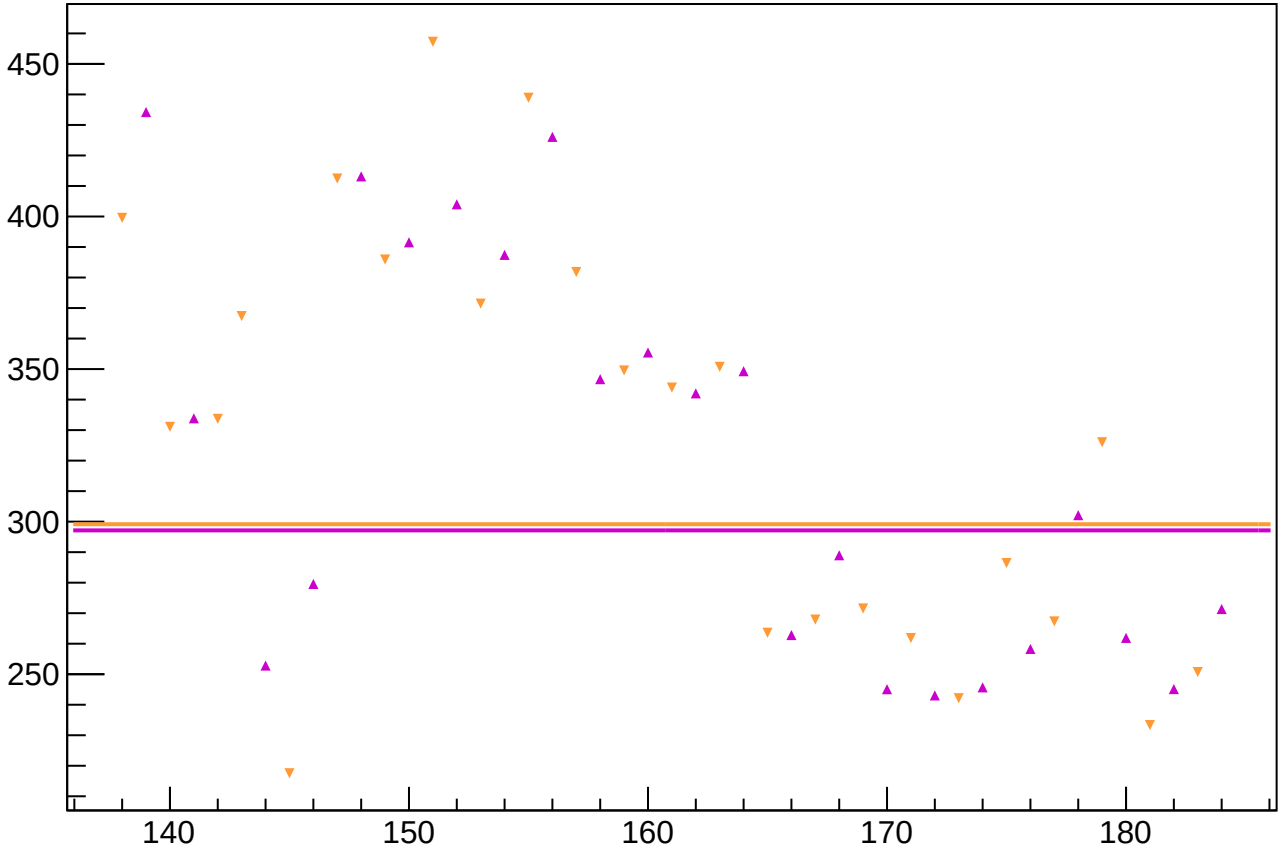
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.801+/-72.300 χ^2/NDF:30.2/22

Out: 192.738+/-72.040 χ^2/NDF:45.8/23

All: 102.097+/-51.032 χ^2/NDF: 79.2/46

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: 299.151+/-0.051 χ^2/NDF:1535581.6/23

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

Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

Left: 298.148+/-0.036 χ^2/NDF: 2857110.5/46

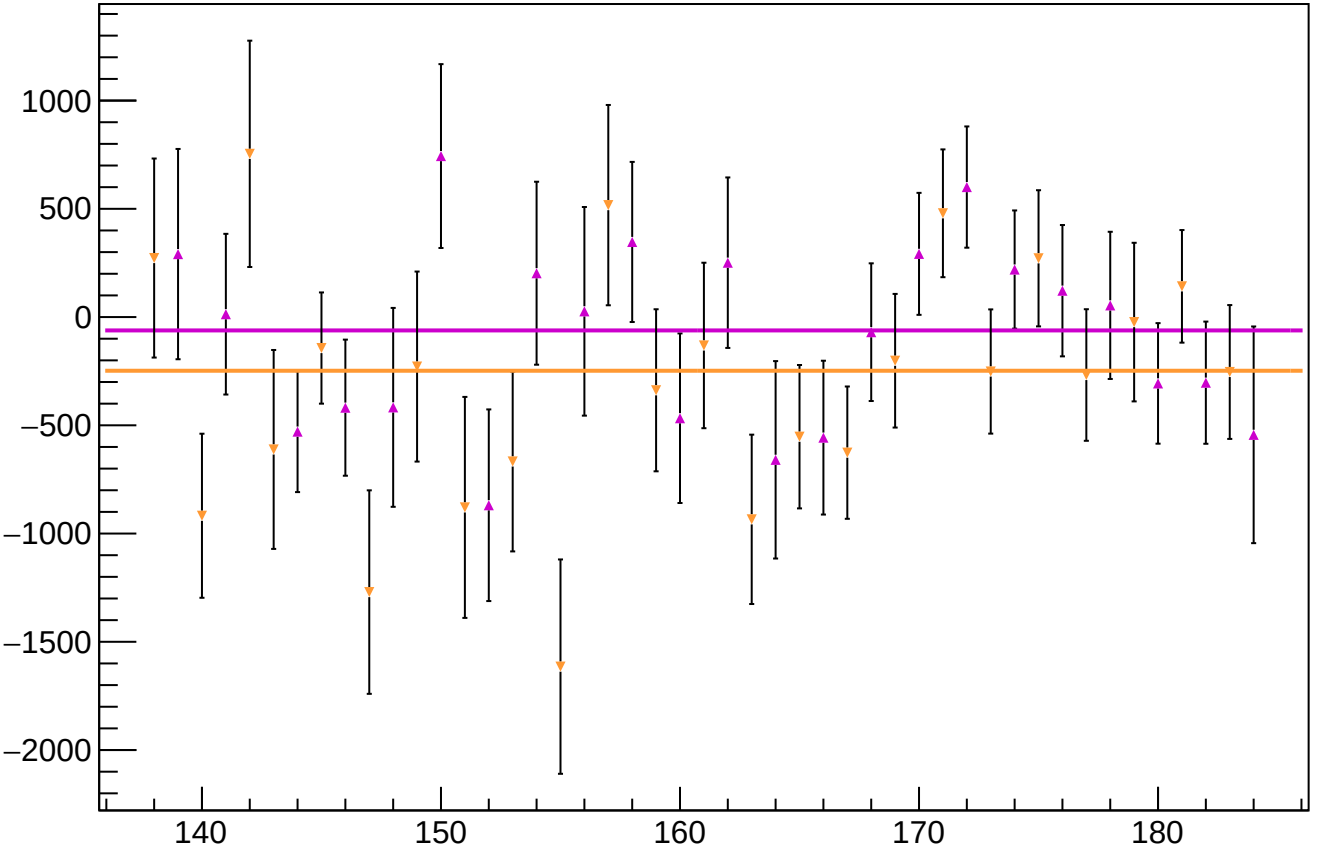
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

Out: 299.151+/-0.051 χ^2/NDF:1535581.6/23

All: 298.148+/-0.036 χ^2/NDF: 2857110.5/46

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -247.970+/-72.269 χ^2/NDF:43.6/23

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

Left In: -61.707+/-72.478 χ^2/NDF:30.3/22

Left: -155.106+/-51.176 χ^2/NDF: 77.2/46

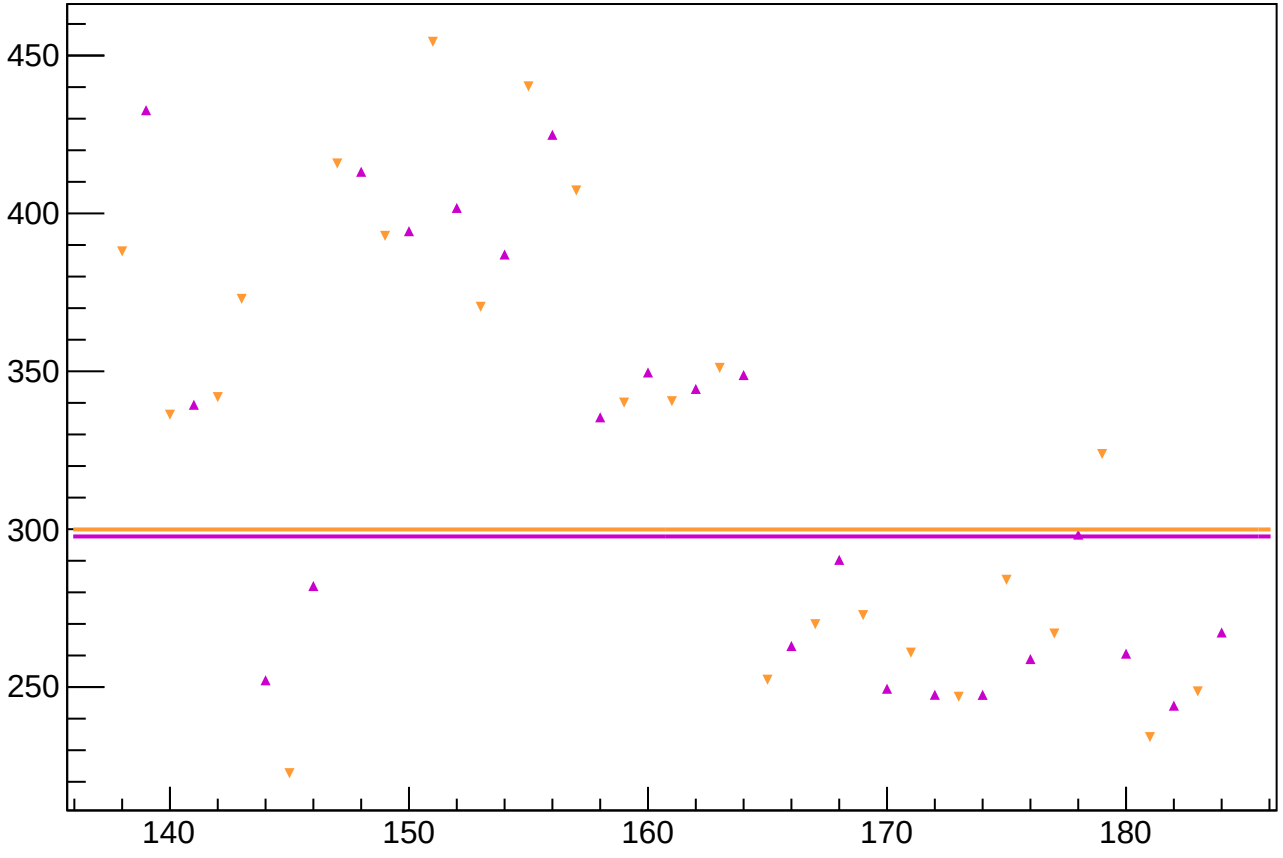
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -61.707+/-72.478 χ^2/NDF:30.3/22

Out: -247.970+/-72.269 χ^2/NDF:43.6/23

All: -155.106+/-51.176 χ^2/NDF: 77.2/46

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 299.914+/-0.051 χ^2/NDF:1535444.3/23

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

Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

Left: 298.808+/-0.036 χ^2/NDF: 2810990.9/46

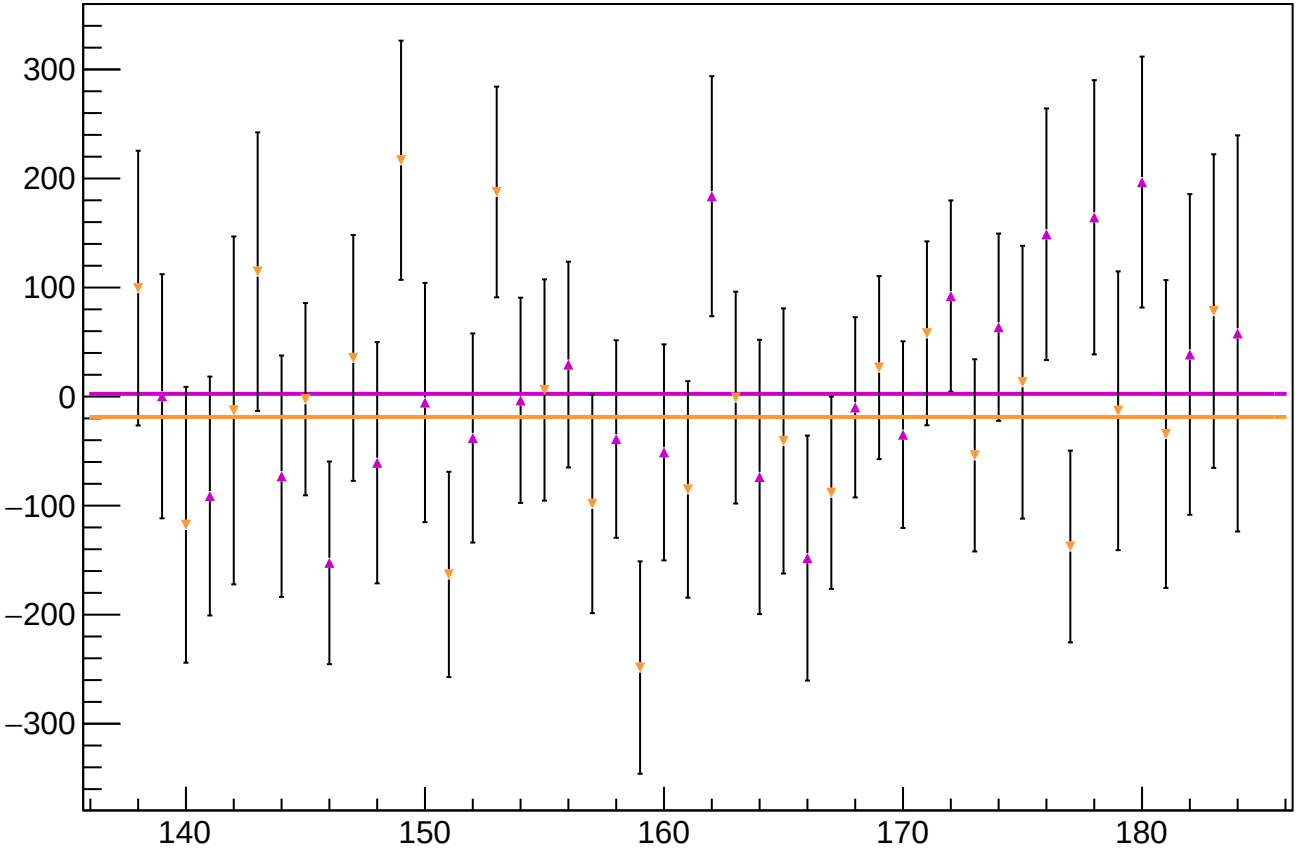
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

Out: 299.914+/-0.051 χ^2/NDF:1535444.3/23

All: 298.808+/-0.036 χ^2/NDF: 2810990.9/46

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: -18.690+/-21.288 χ^2/NDF:25.4/23

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

Left In: 2.505+/-21.582 χ^2/NDF:18.0/22

Left: -8.238+/-15.156 χ^2/NDF: 43.9/46

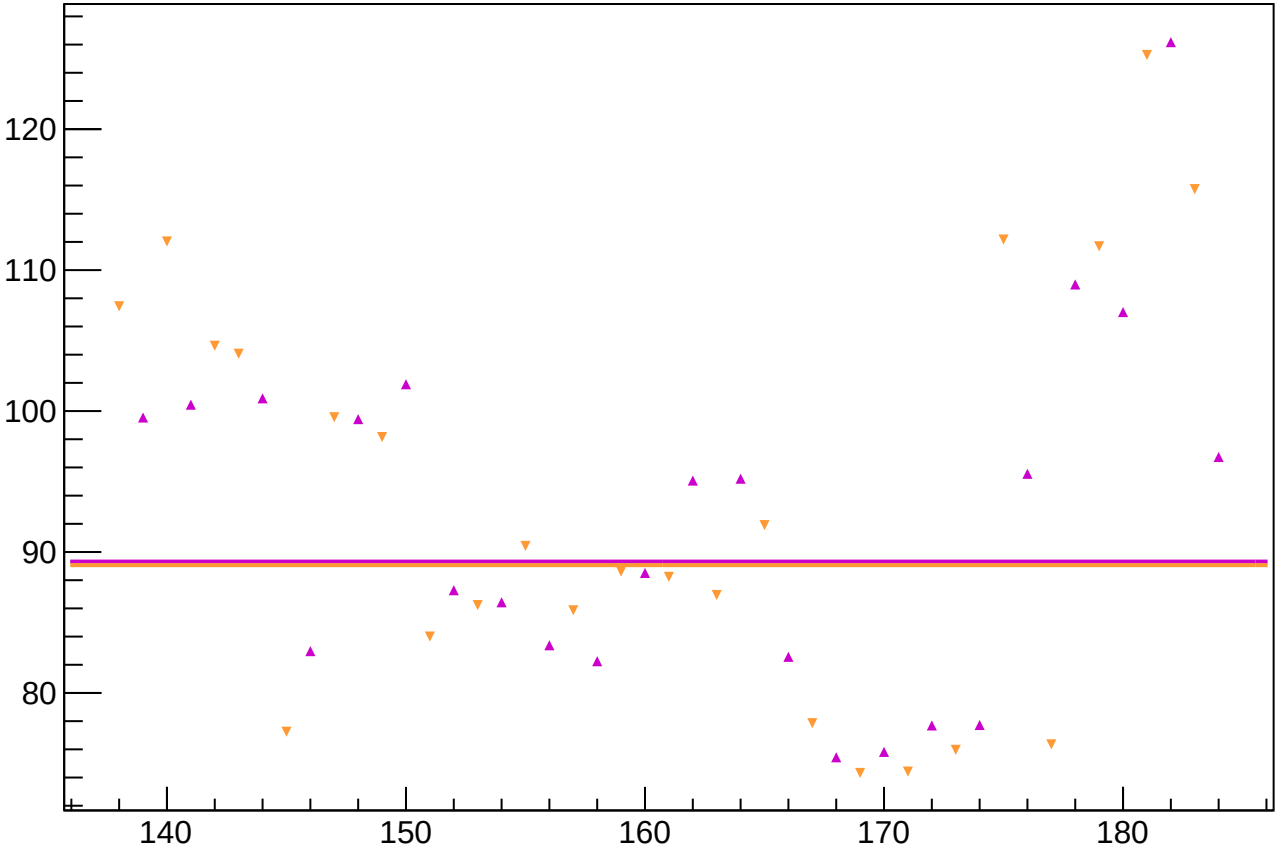
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.505+/-21.582 χ^2/NDF:18.0/22

Out: -18.690+/-21.288 χ^2/NDF:25.4/23

All: -8.238+/-15.156 χ^2/NDF: 43.9/46

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: 89.068+/-0.015 χ^2/NDF:805763.7/23

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

Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

Left: 89.193+/-0.011 χ^2/NDF: 1366336.9/46

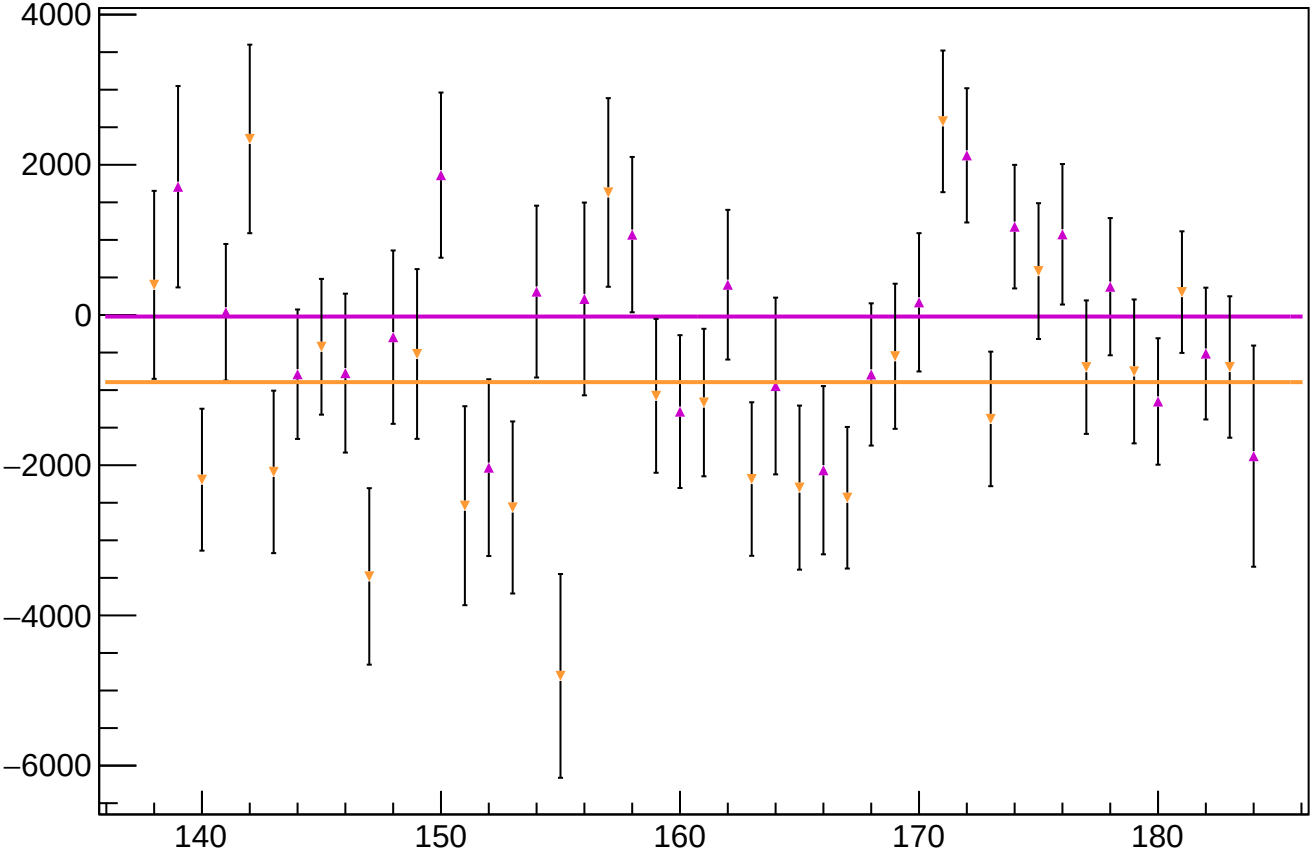
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 89.321+/-0.015 χ^2/NDF:560433.9/22

Out: 89.068+/-0.015 χ^2/NDF:805763.7/23

All: 89.193+/-0.011 χ^2/NDF: 1366336.9/46

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: -893.712+/-208.181 χ^2/NDF:57.1/23

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

Left In: -20.573+/-210.177 χ^2/NDF:29.7/22

Left: -461.308+/-147.907 χ^2/NDF: 95.4/46

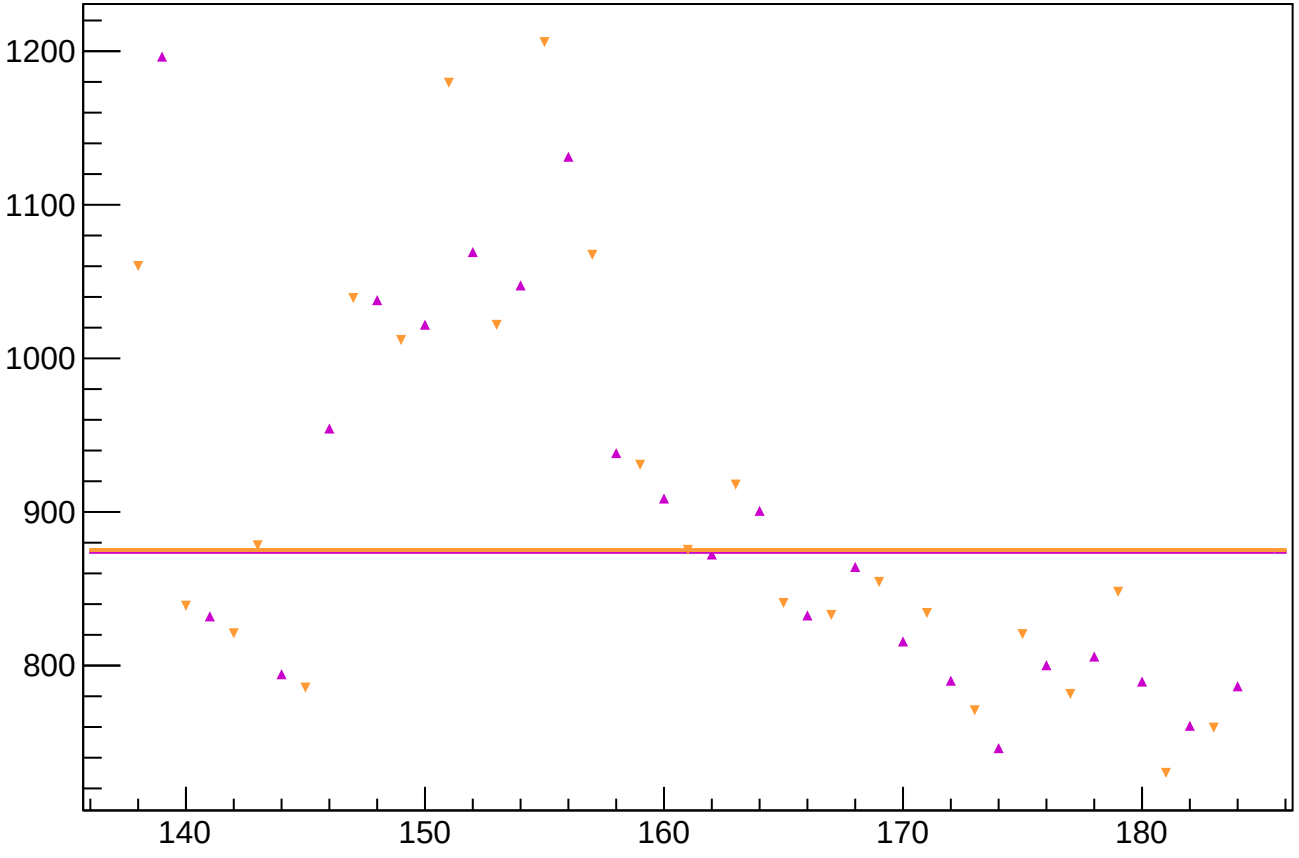
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -20.573+/-210.177 χ^2/NDF:29.7/22

Out: -893.712+/-208.181 χ^2/NDF:57.1/23

All: -461.308+/-147.907 χ^2/NDF: 95.4/46

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: 875.217+/-0.147 χ^2/NDF:615044.4/23

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

Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

Left: 874.642+/-0.105 χ^2/NDF: 1193585.9/46

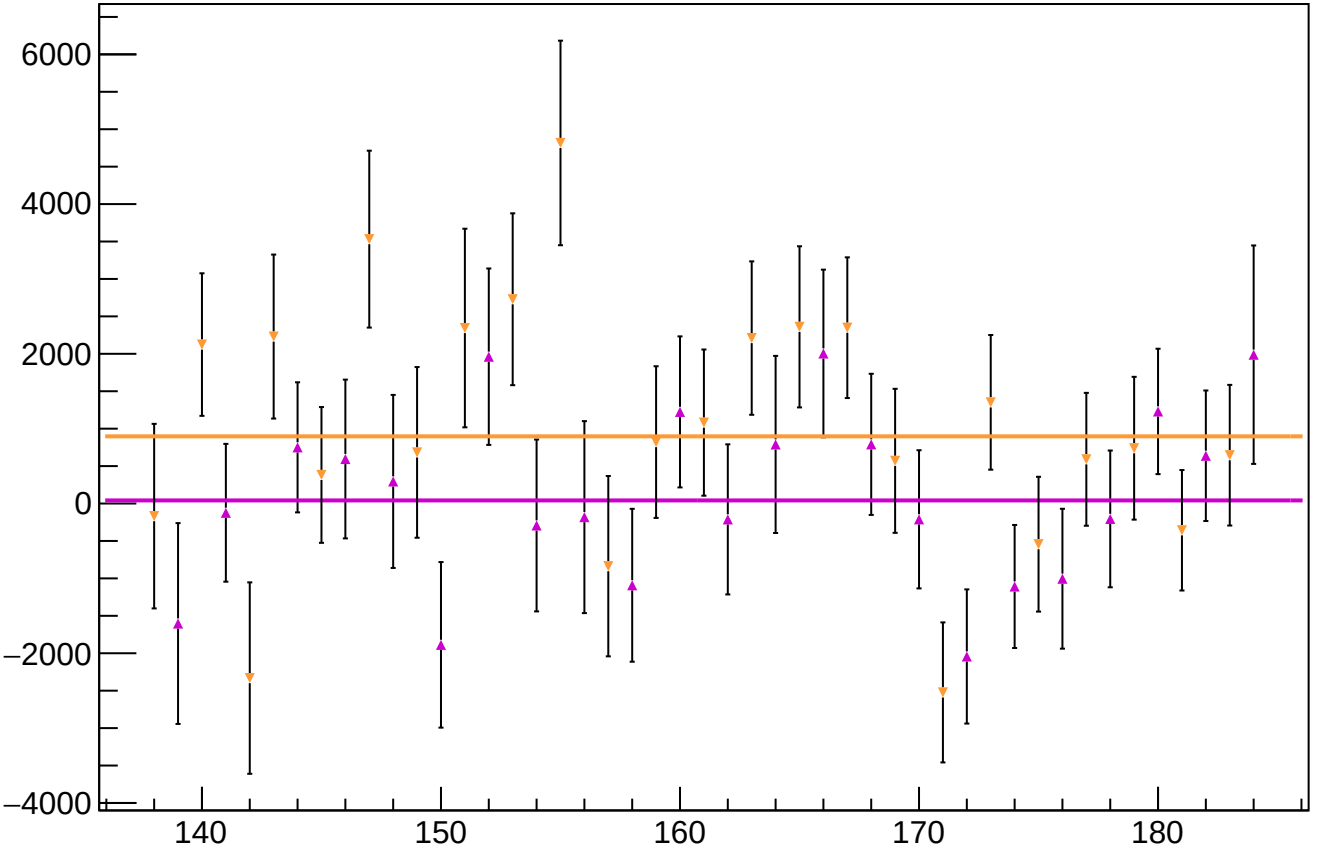
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 874.055+/-0.149 χ^2/NDF:578510.6/22

Out: 875.217+/-0.147 χ^2/NDF:615044.4/23

All: 874.642+/-0.105 χ^2/NDF: 1193585.9/46

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 897.650+/-207.740 χ^2/NDF:54.5/23

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

Left In: 41.523+/-210.209 χ^2/NDF:28.1/22

Left: 474.643+/-147.759 χ^2/NDF: 91.0/46

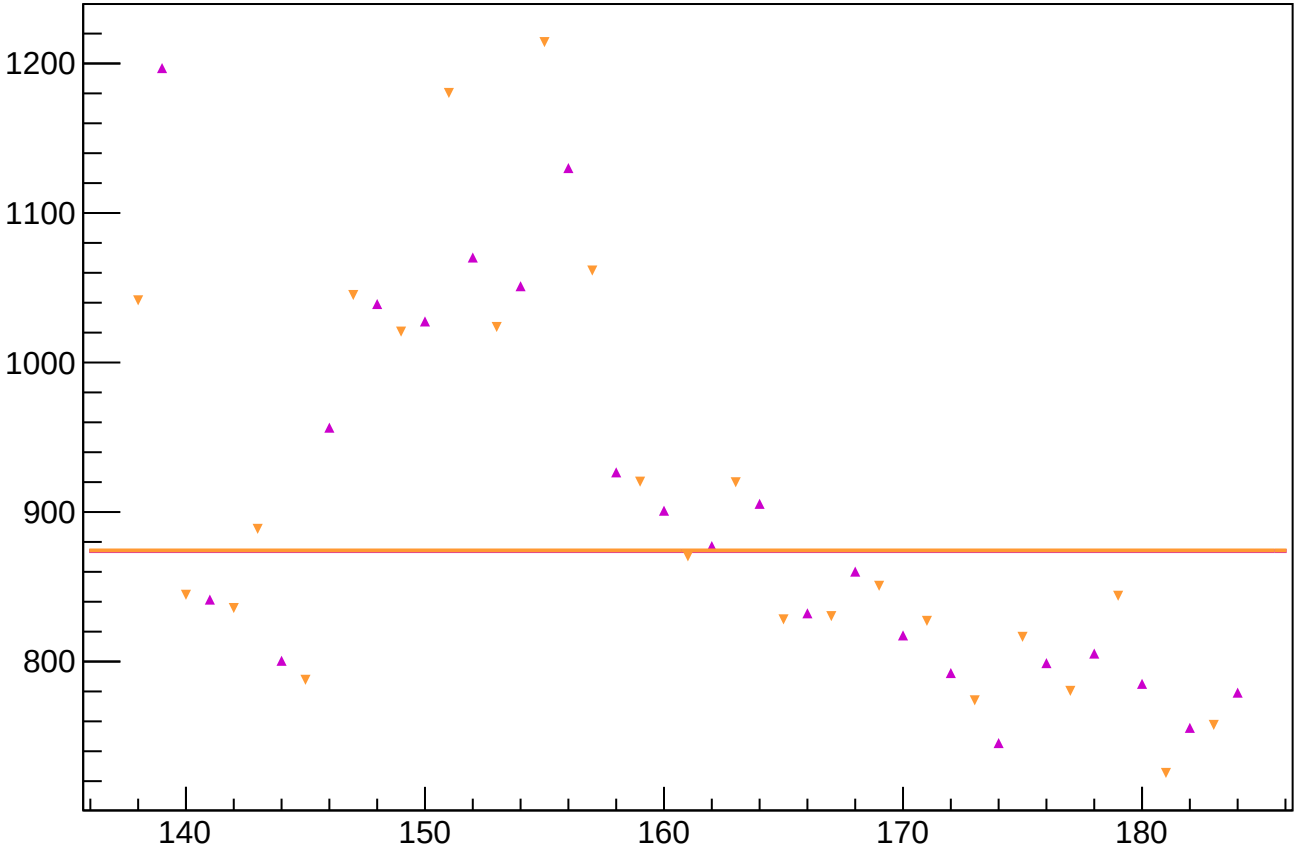
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.523+/-210.209 χ^2/NDF:28.1/22

Out: 897.650+/-207.740 χ^2/NDF:54.5/23

All: 474.643+/-147.759 χ^2/NDF: 91.0/46

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 874.278+/-0.147 χ^2/NDF:625628.1/23

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

Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

Left: 874.092+/-0.104 χ^2/NDF: 1208975.8/46

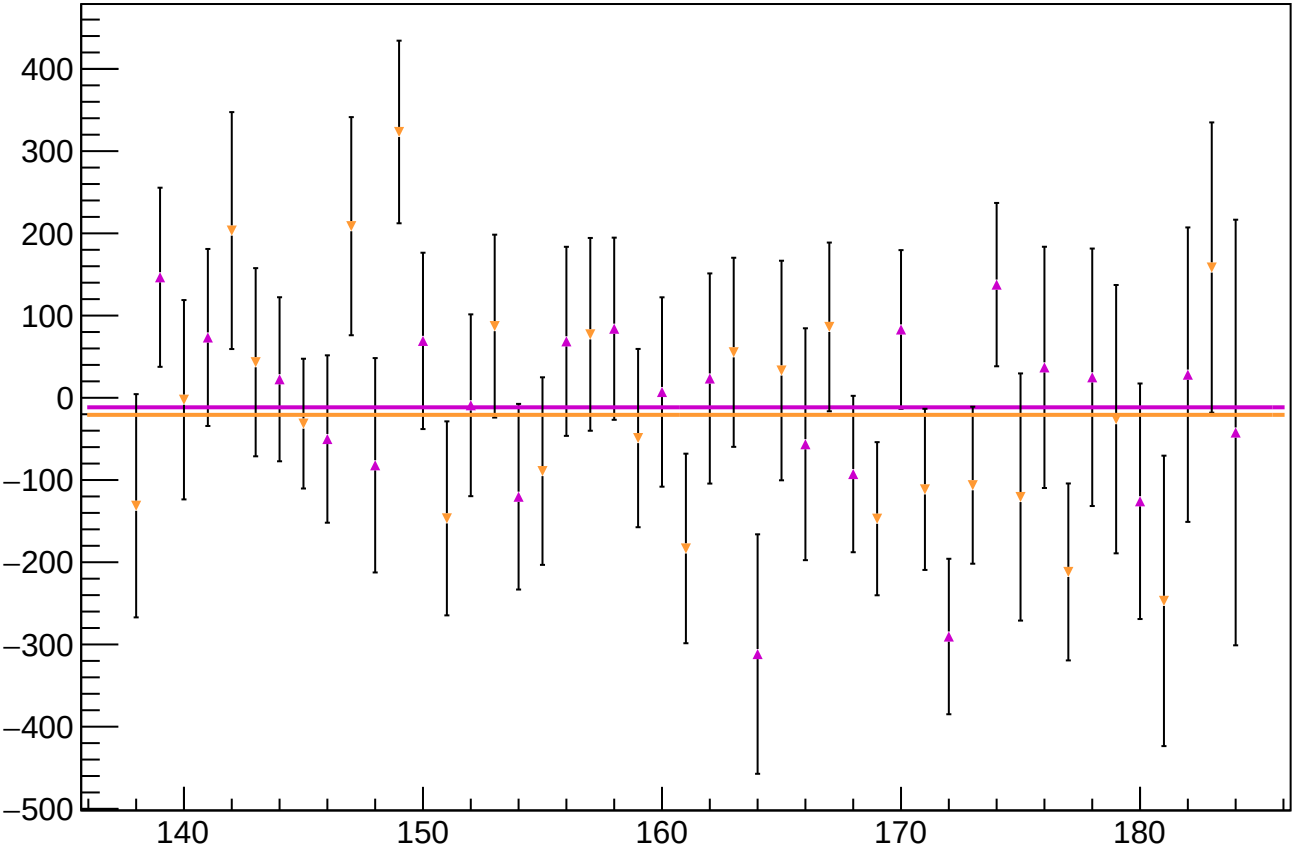
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 873.902+/-0.149 χ^2/NDF:583344.5/22

Out: 874.278+/-0.147 χ^2/NDF:625628.1/23

All: 874.092+/-0.104 χ^2/NDF: 1208975.8/46

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: -20.745+/-23.595 χ^2/NDF:32.7/23

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

Left In: -11.570+/-24.412 χ^2/NDF:24.0/22

Left: -16.314+/-16.966 χ^2/NDF: 56.7/46

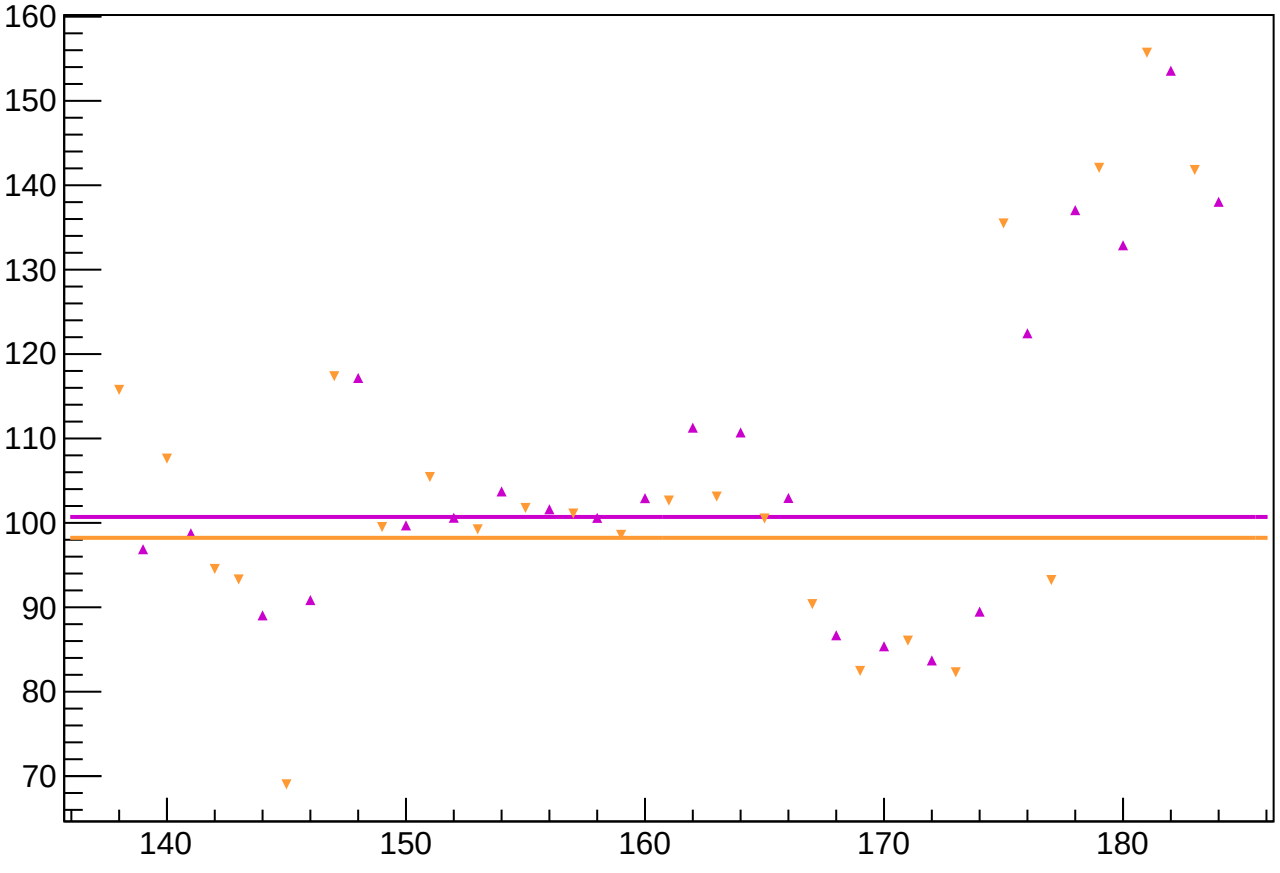
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.570+/-24.412 χ^2/NDF:24.0/22

Out: -20.745+/-23.595 χ^2/NDF:32.7/23

All: -16.314+/-16.966 χ^2/NDF: 56.7/46

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: 98.229+/-0.017 χ^2/NDF:1144884.7/23

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

Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

Left: 99.424+/-0.012 χ^2/NDF: 1915431.7/46

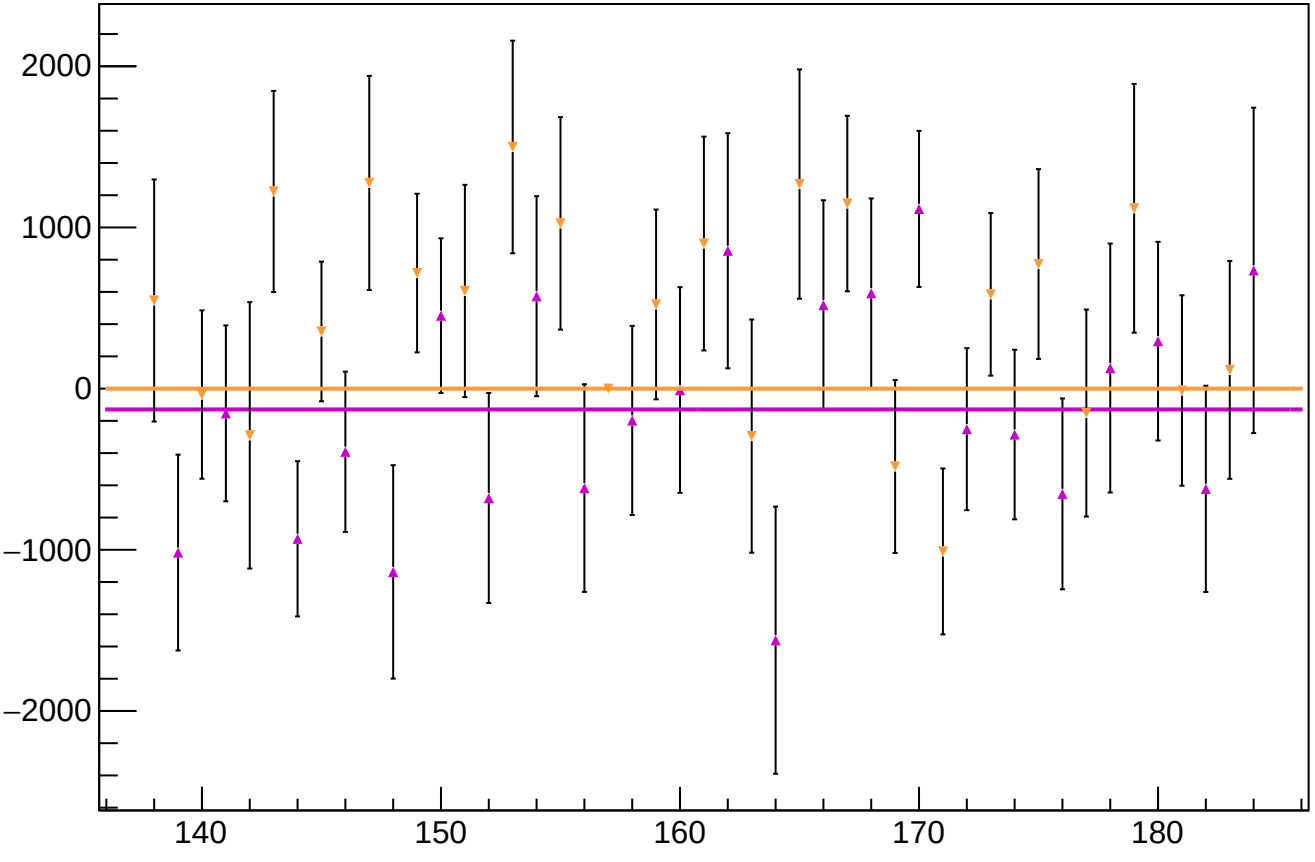
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 100.704+/-0.017 χ^2/NDF:759922.8/22

Out: 98.229+/-0.017 χ^2/NDF:1144884.7/23

All: 99.424+/-0.012 χ^2/NDF: 1915431.7/46

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:39.8/23

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

Left In: -129.094+/-124.247 χ^2/NDF:28.3/22

Left: -0.000+/-0.000 χ^2/NDF: 69.2/46

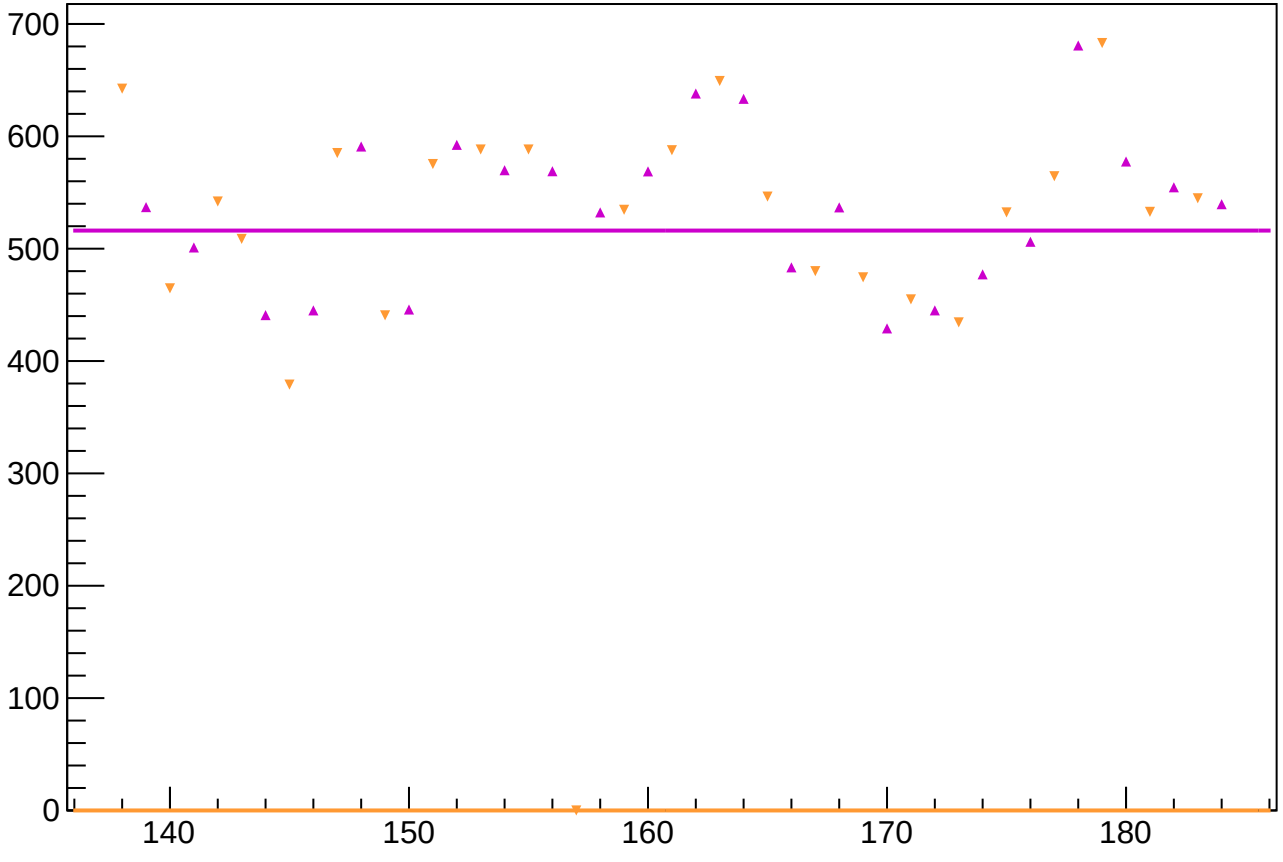
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -129.094+/-124.247 χ^2/NDF:28.3/22

Out: -0.000+/-0.000 χ^2/NDF:39.8/23

All: -0.000+/-0.000 χ^2/NDF: 69.2/46

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:34478471.9/23

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

Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

Left: 0.000+/-0.000 χ^2/NDF: 69561546.9/46

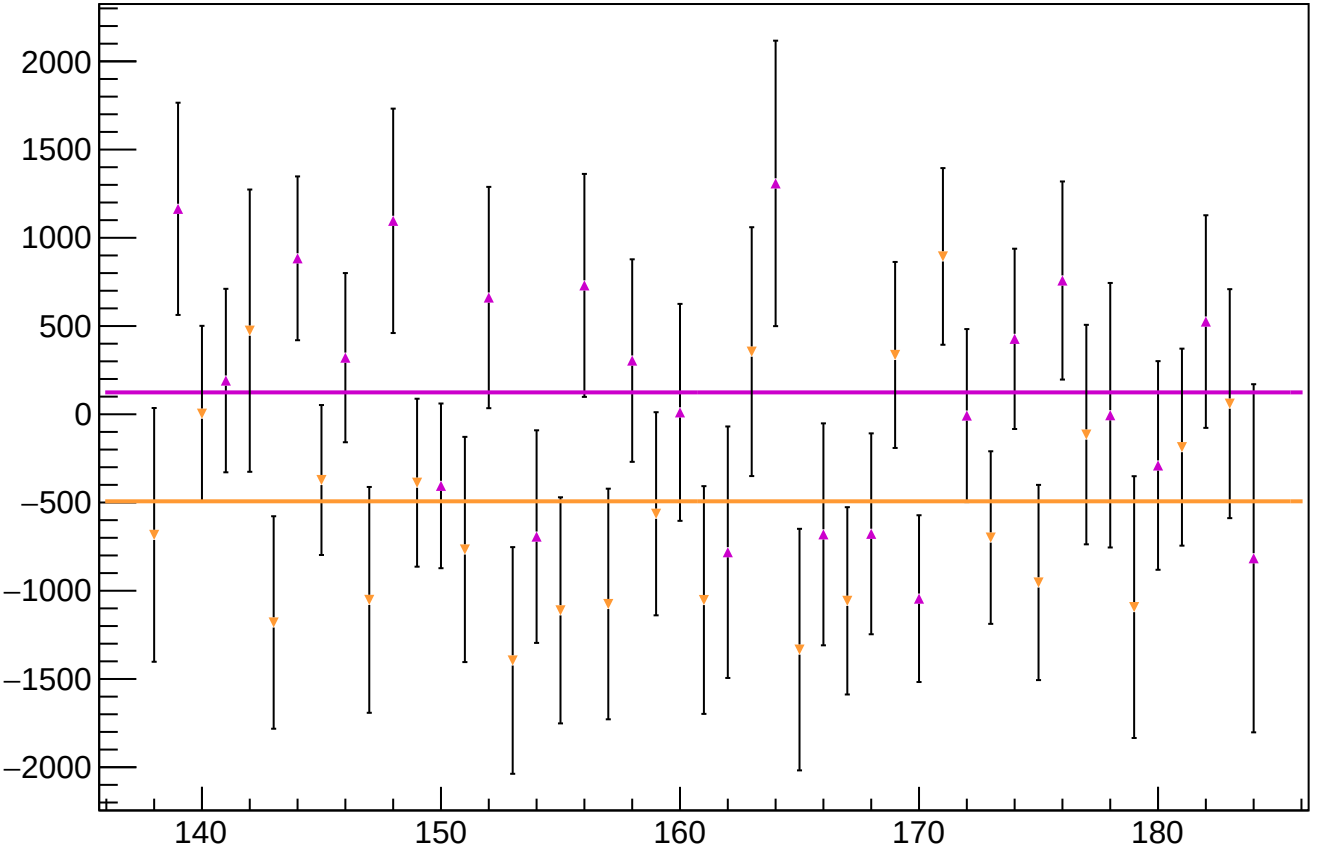
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 516.120+/-0.088 χ^2/NDF:571744.7/22

Out: 0.000+/-0.000 χ^2/NDF:34478471.9/23

All: 0.000+/-0.000 χ^2/NDF: 69561546.9/46

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -493.201+/-119.101 χ^2/NDF:26.5/23

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

Left In: 124.022+/-120.216 χ^2/NDF:30.2/22

Left: -187.464+/-84.609 χ^2/NDF: 70.0/46

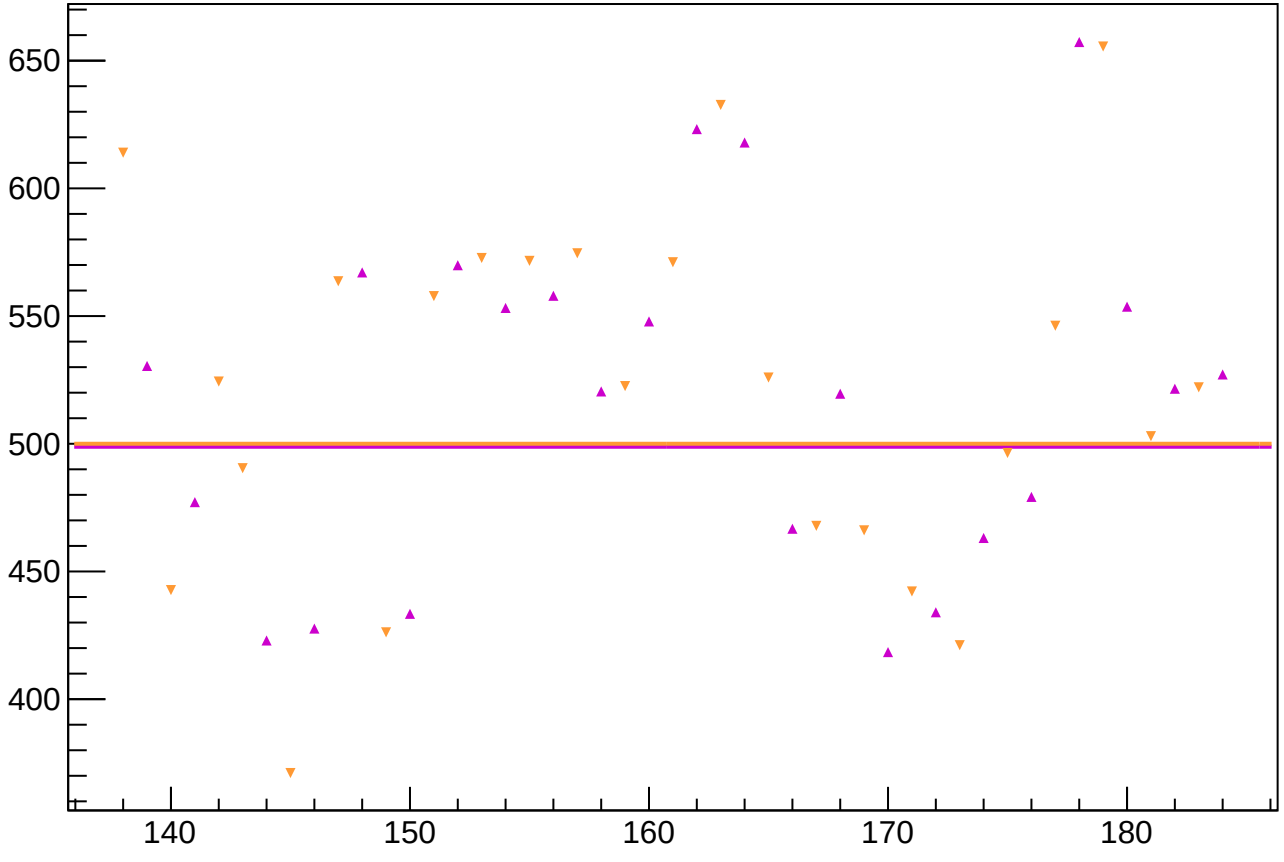
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 124.022+/-120.216 χ^2/NDF:30.2/22

Out: -493.201+/-119.101 χ^2/NDF:26.5/23

All: -187.464+/-84.609 χ^2/NDF: 70.0/46

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 500.007+/-0.084 χ^2/NDF:721084.9/23

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

Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

Left: 499.426+/-0.060 χ^2/NDF: 1293515.1/46

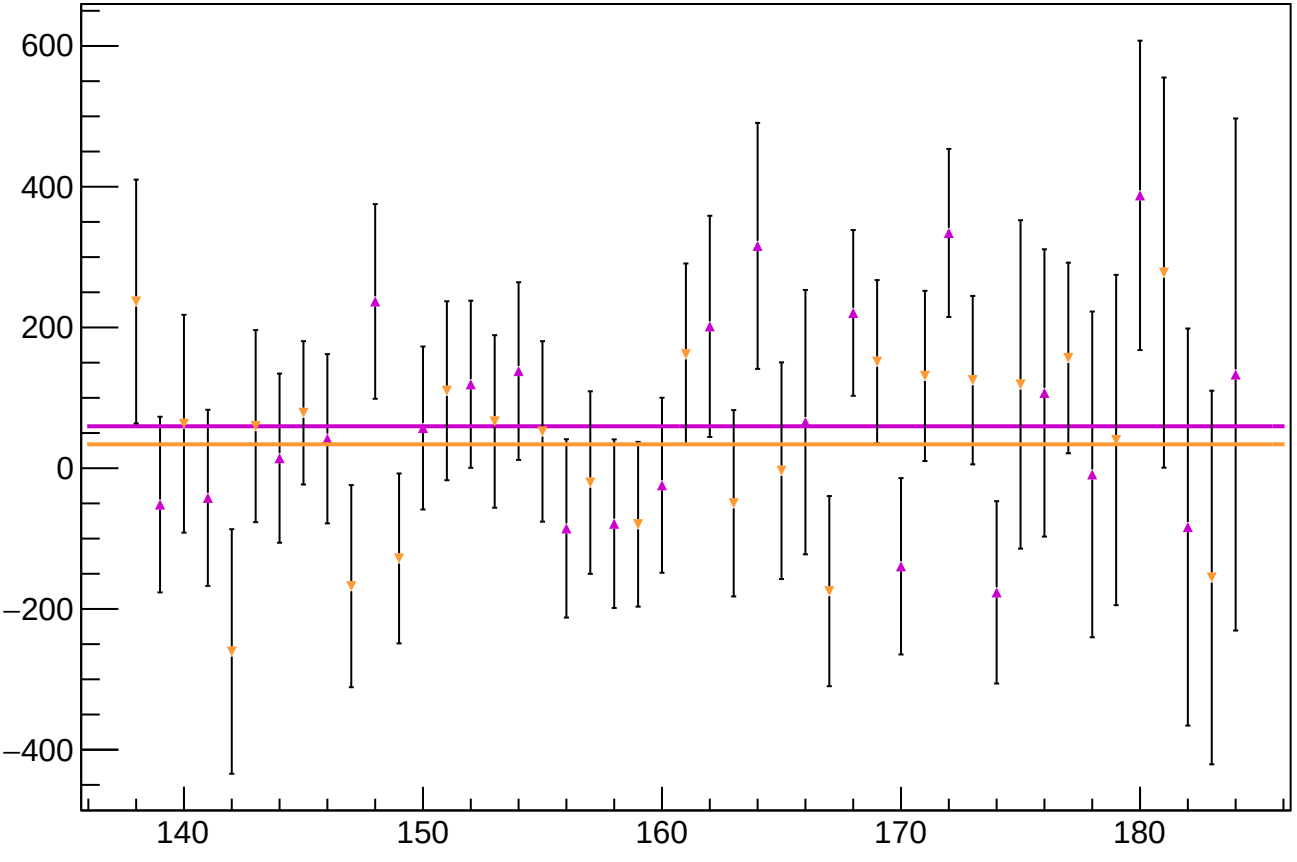
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 498.835+/-0.085 χ^2/NDF:572334.3/22

Out: 500.007+/-0.084 χ^2/NDF:721084.9/23

All: 499.426+/-0.060 χ^2/NDF: 1293515.1/46

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 33.981+/-28.375 χ^2/NDF:18.2/23

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

Left In: 59.603+/-29.184 χ^2/NDF:25.6/22

Left: 46.432+/-20.344 χ^2/NDF: 44.2/46

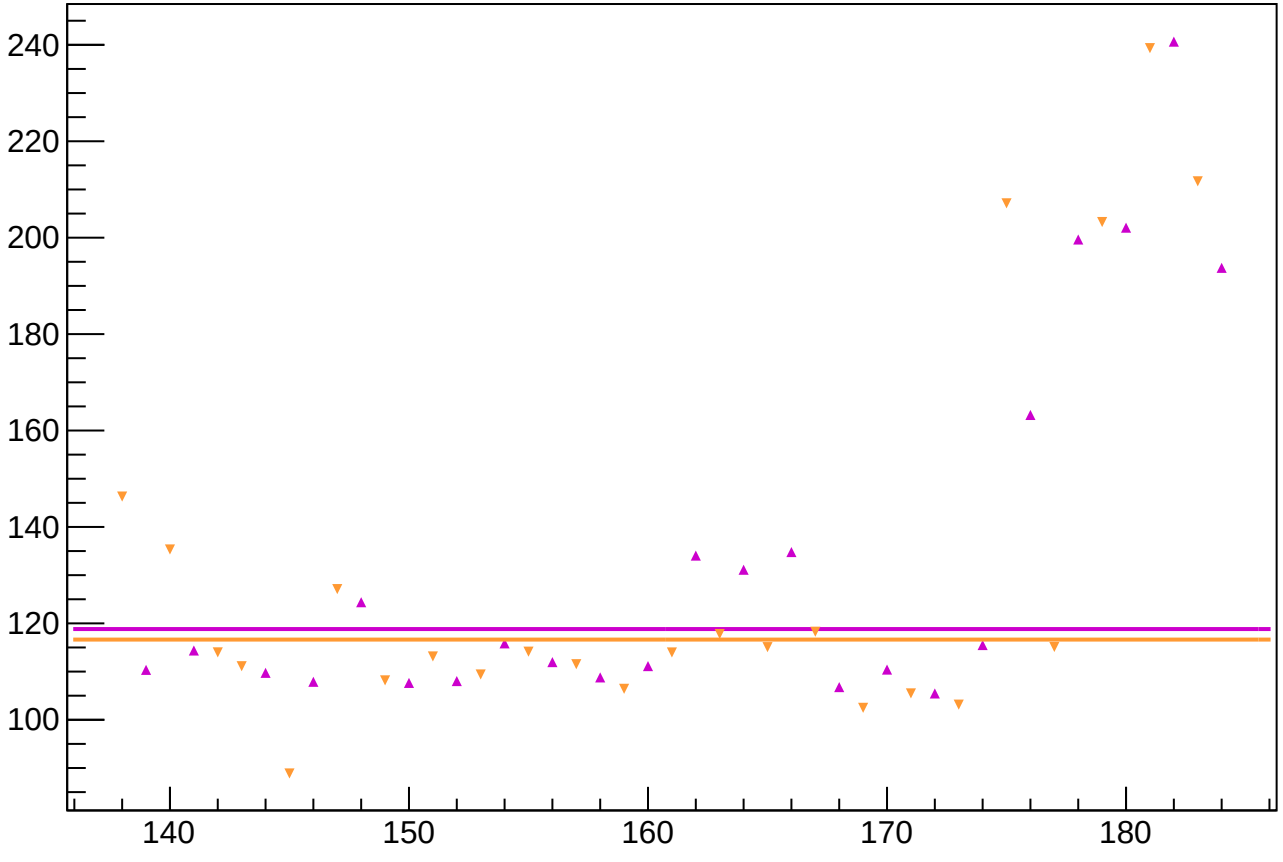
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 59.603+/-29.184 χ^2/NDF:25.6/22

Out: 33.981+/-28.375 χ^2/NDF:18.2/23

All: 46.432+/-20.344 χ^2/NDF: 44.2/46

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 116.638+/-0.020 χ^2/NDF:1583512.9/23

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

Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

Left: 117.699+/-0.014 χ^2/NDF: 2878451.1/46

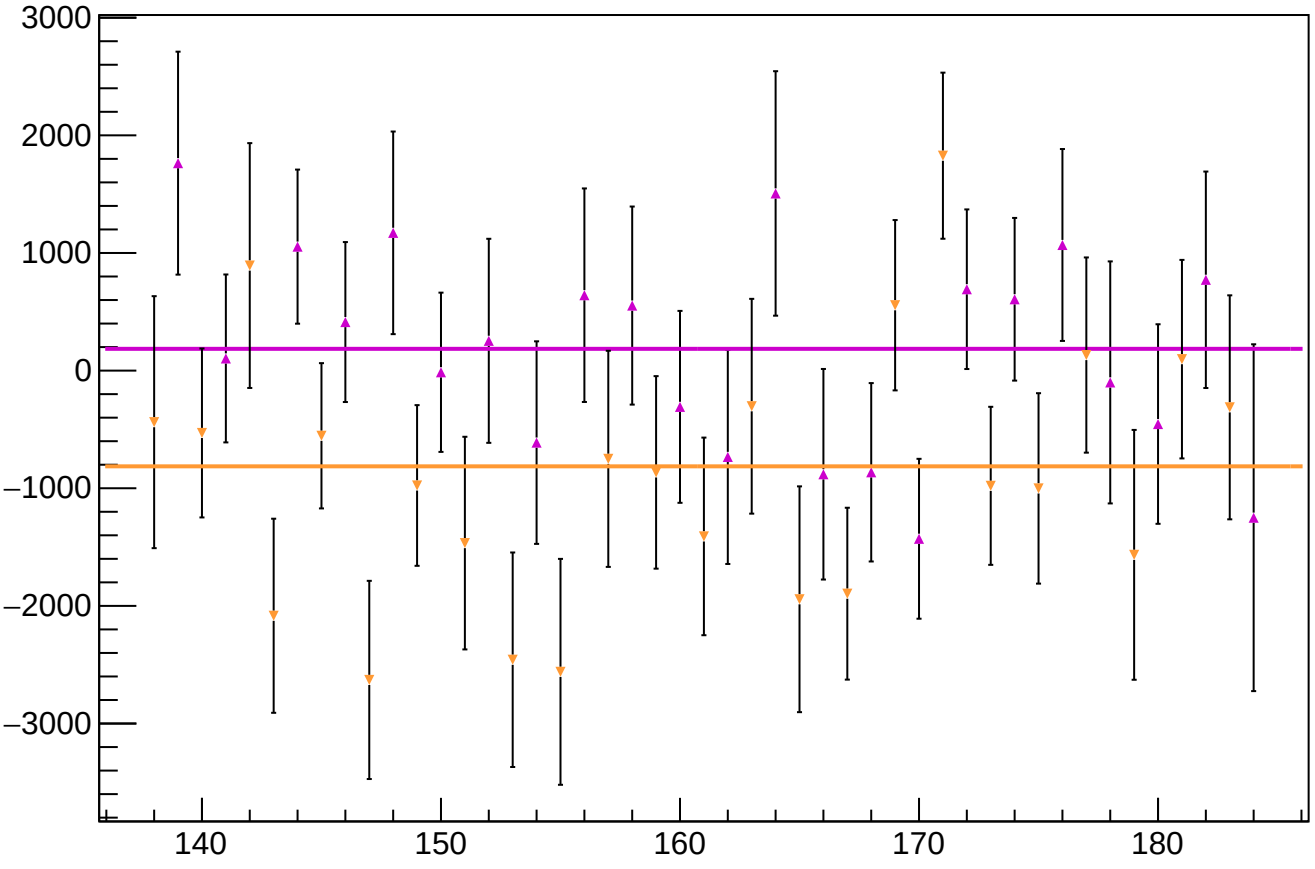
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

Out: 116.638+/-0.020 χ^2/NDF:1583512.9/23

All: 117.699+/-0.014 χ^2/NDF: 2878451.1/46

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -813.713+/-167.477 χ^2/NDF:42.6/23

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

Left In: 185.191+/-169.174 χ^2/NDF:23.4/22

Left: -319.297+/-119.020 χ^2/NDF: 83.7/46

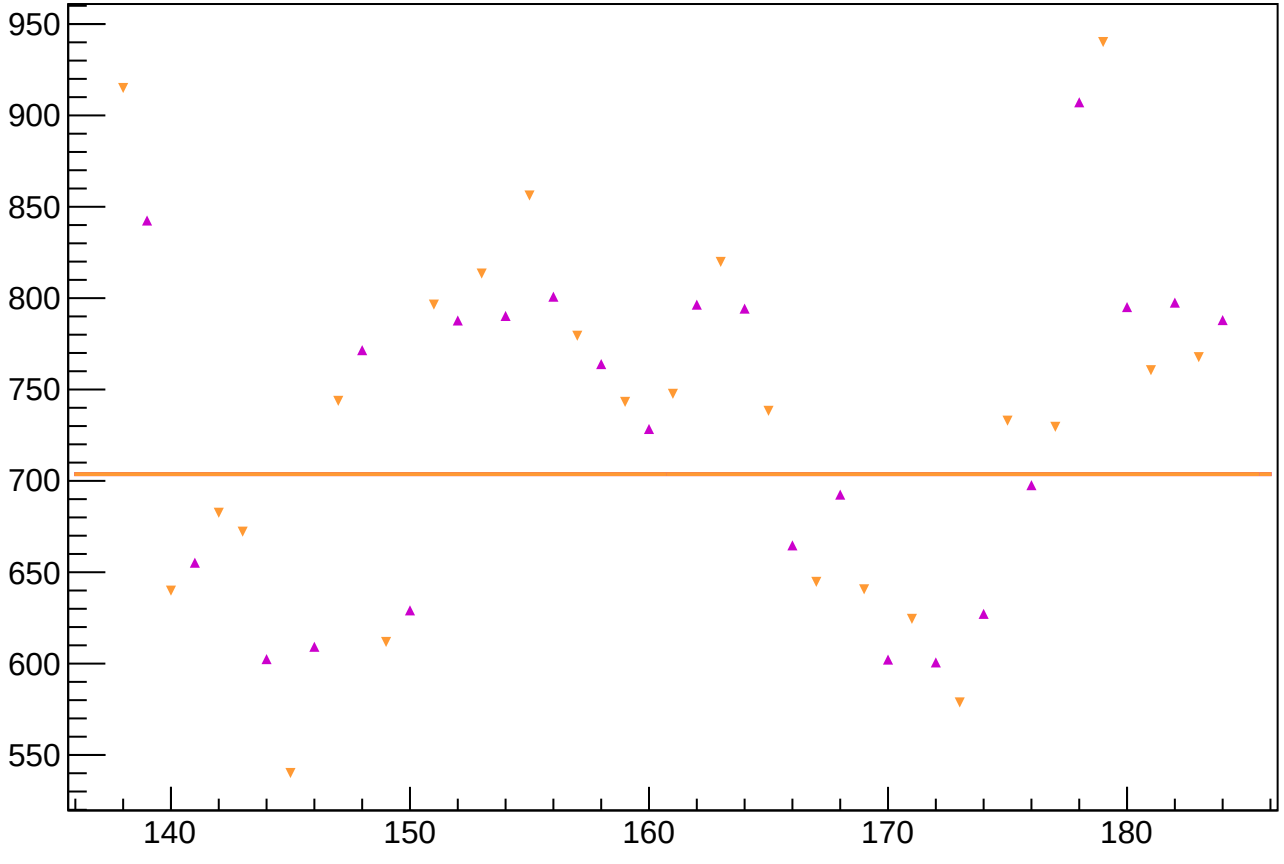
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 185.191+/-169.174 χ^2/NDF:23.4/22

Out: -813.713+/-167.477 χ^2/NDF:42.6/23

All: -319.297+/-119.020 χ^2/NDF: 83.7/46

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 703.697+/-0.118 χ^2/NDF:682042.5/23

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

Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

Left: 703.703+/-0.084 χ^2/NDF: 1215615.8/46

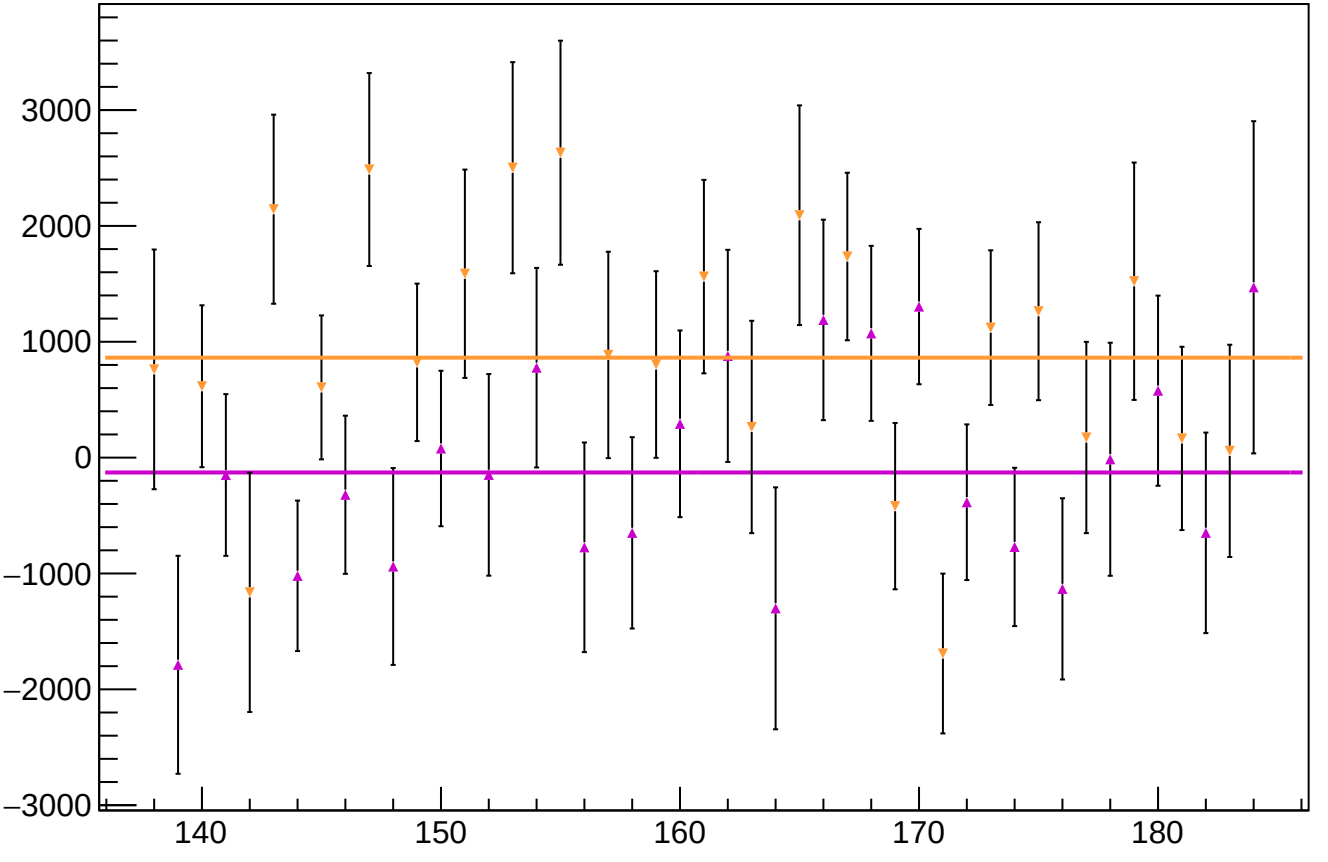
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 703.710+/-0.120 χ^2/NDF:533573.3/22

Out: 703.697+/-0.118 χ^2/NDF:682042.5/23

All: 703.703+/-0.084 χ^2/NDF: 1215615.8/46

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 862.802+/-164.897 χ^2/NDF:41.9/23

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

Left In: -128.120+/-166.866 χ^2/NDF:25.3/22

Left: 373.222+/-117.290 χ^2/NDF: 85.0/46

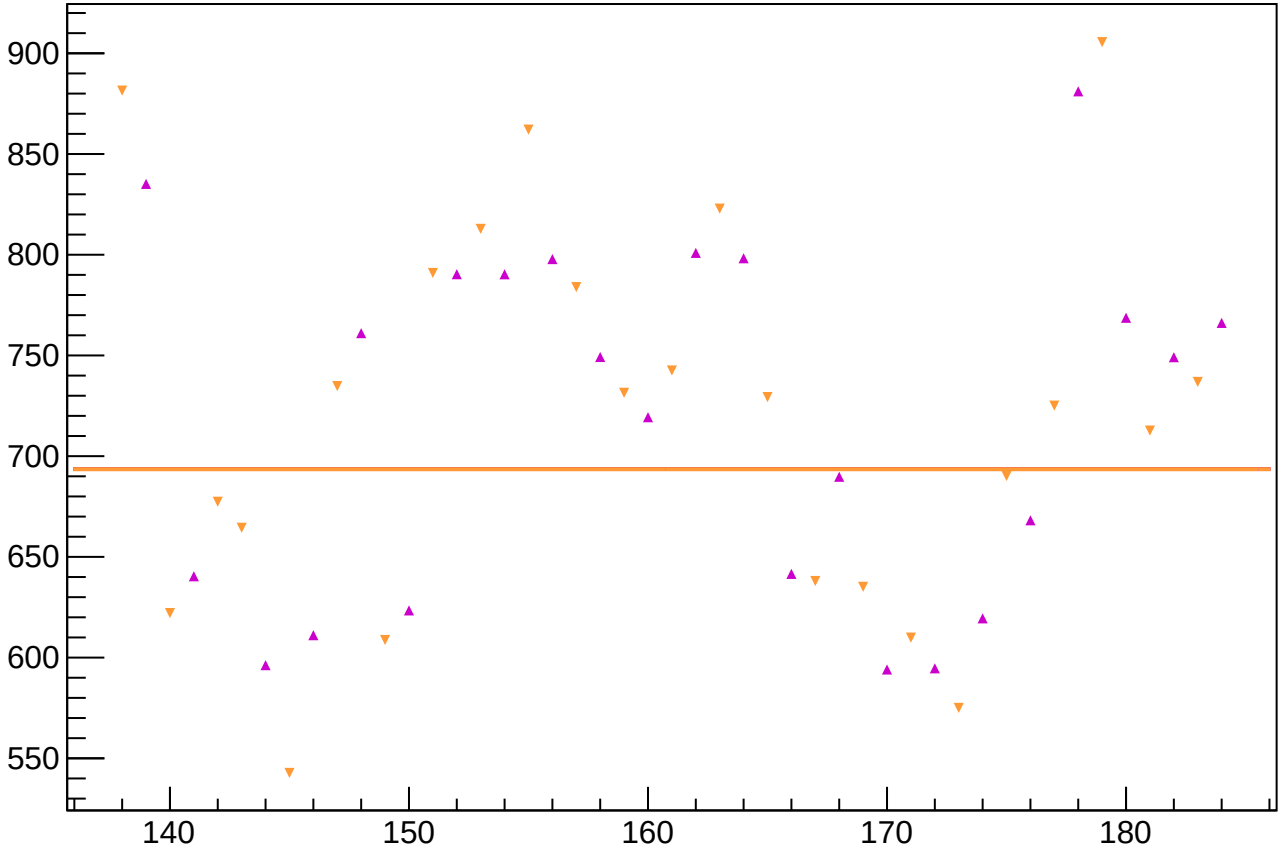
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -128.120+/-166.866 χ^2/NDF:25.3/22

Out: 862.802+/-164.897 χ^2/NDF:41.9/23

All: 373.222+/-117.290 χ^2/NDF: 85.0/46

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 693.536+/-0.117 χ^2/NDF:648731.7/23

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

Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

Left: 693.575+/-0.083 χ^2/NDF: 1169424.6/46

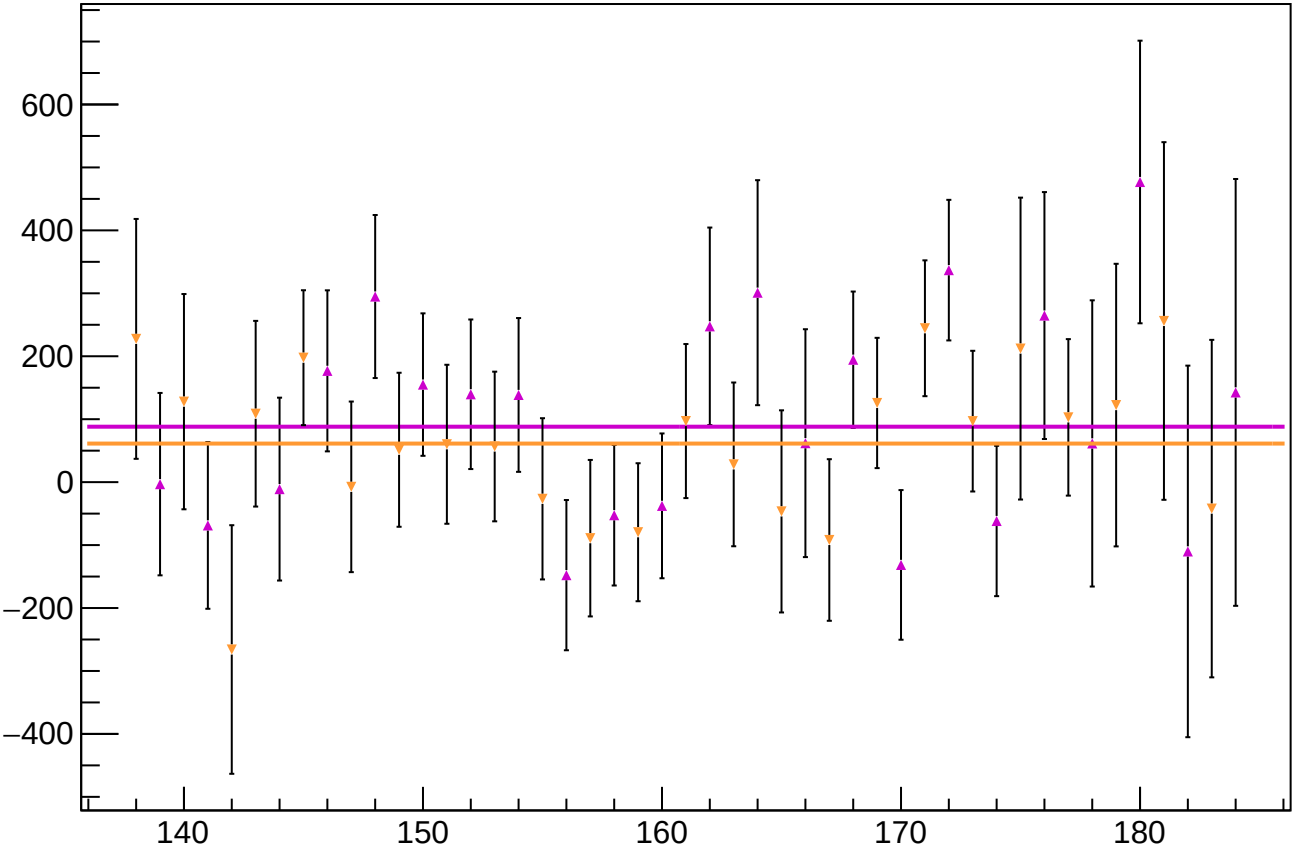
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 693.615+/-0.118 χ^2/NDF:520692.6/22

Out: 693.536+/-0.117 χ^2/NDF:648731.7/23

All: 693.575+/-0.083 χ^2/NDF: 1169424.6/46

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 61.276+/-27.768 χ^2/NDF:15.8/23

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

Left In: 88.085+/-28.764 χ^2/NDF:30.4/22

Left: 74.208+/-19.978 χ^2/NDF: 46.6/46

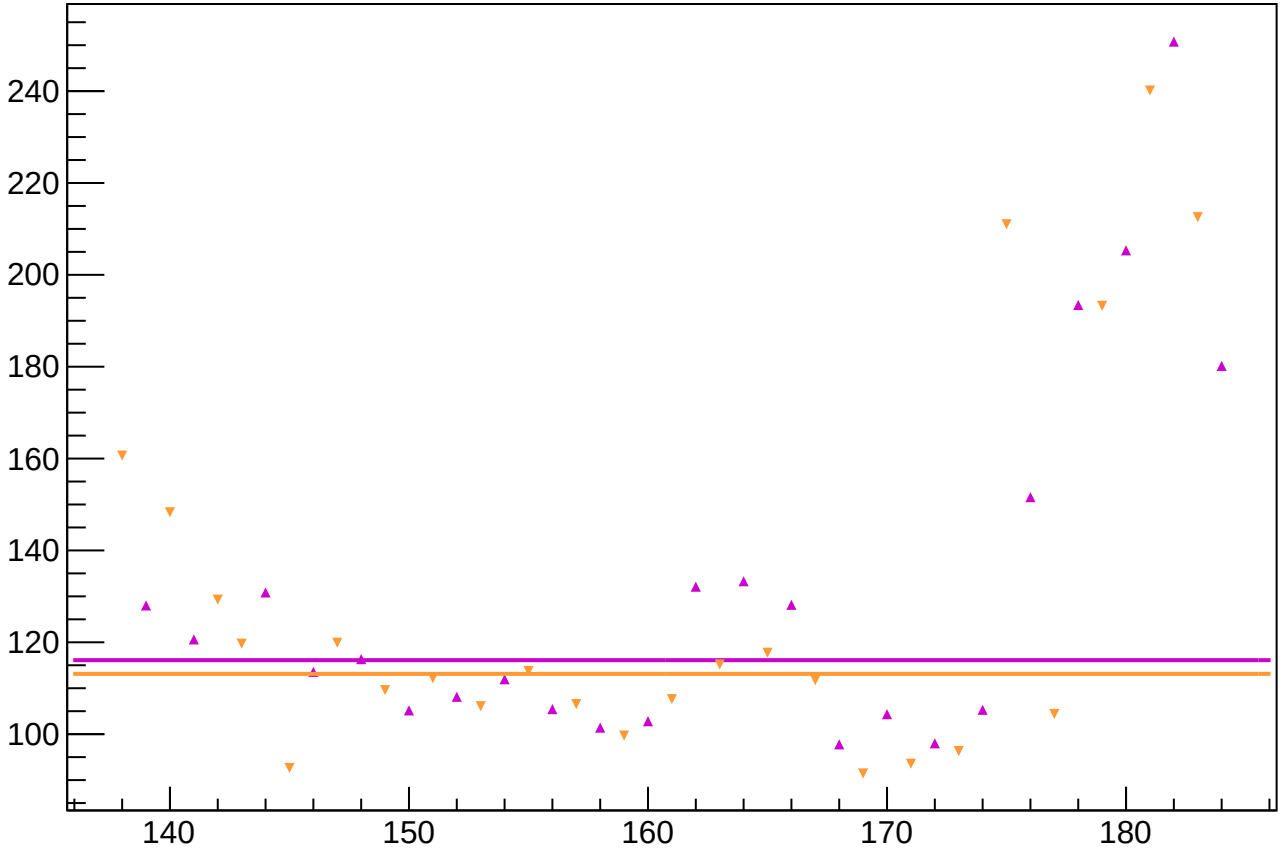
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 88.085+/-28.764 χ^2/NDF:30.4/22

Out: 61.276+/-27.768 χ^2/NDF:15.8/23

All: 74.208+/-19.978 χ^2/NDF: 46.6/46

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 113.124+/-0.020 χ^2/NDF:1826898.8/23

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

Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

Left: 114.563+/-0.014 χ^2/NDF: 3276919.7/46

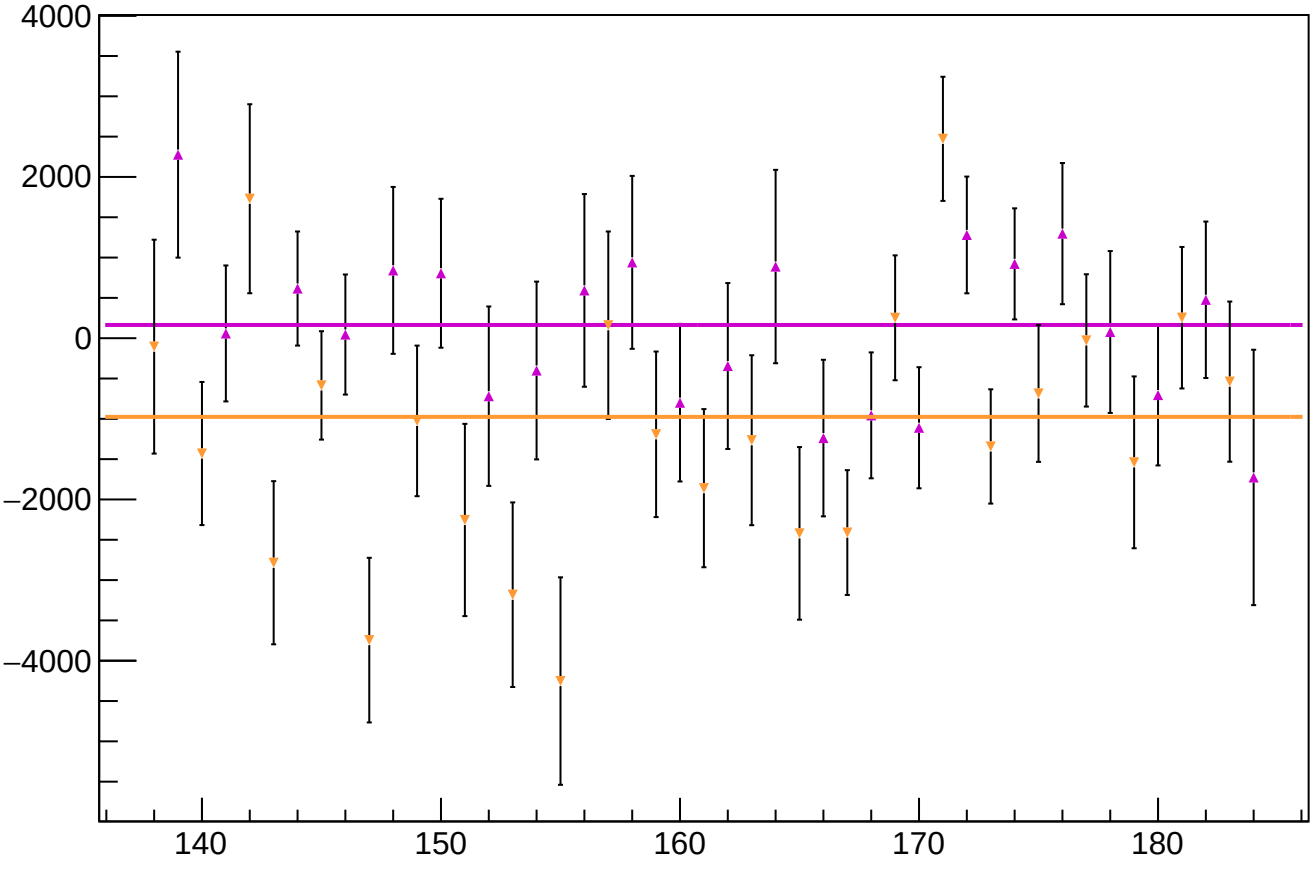
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

Out: 113.124+/-0.020 χ^2/NDF:1826898.8/23

All: 114.563+/-0.014 χ^2/NDF: 3276919.7/46

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -975.695+/-190.637 χ^2/NDF:62.2/23

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

Left In: 164.202+/-191.131 χ^2/NDF:22.0/22

Left: -407.222+/-134.975 χ^2/NDF: 102.0/46

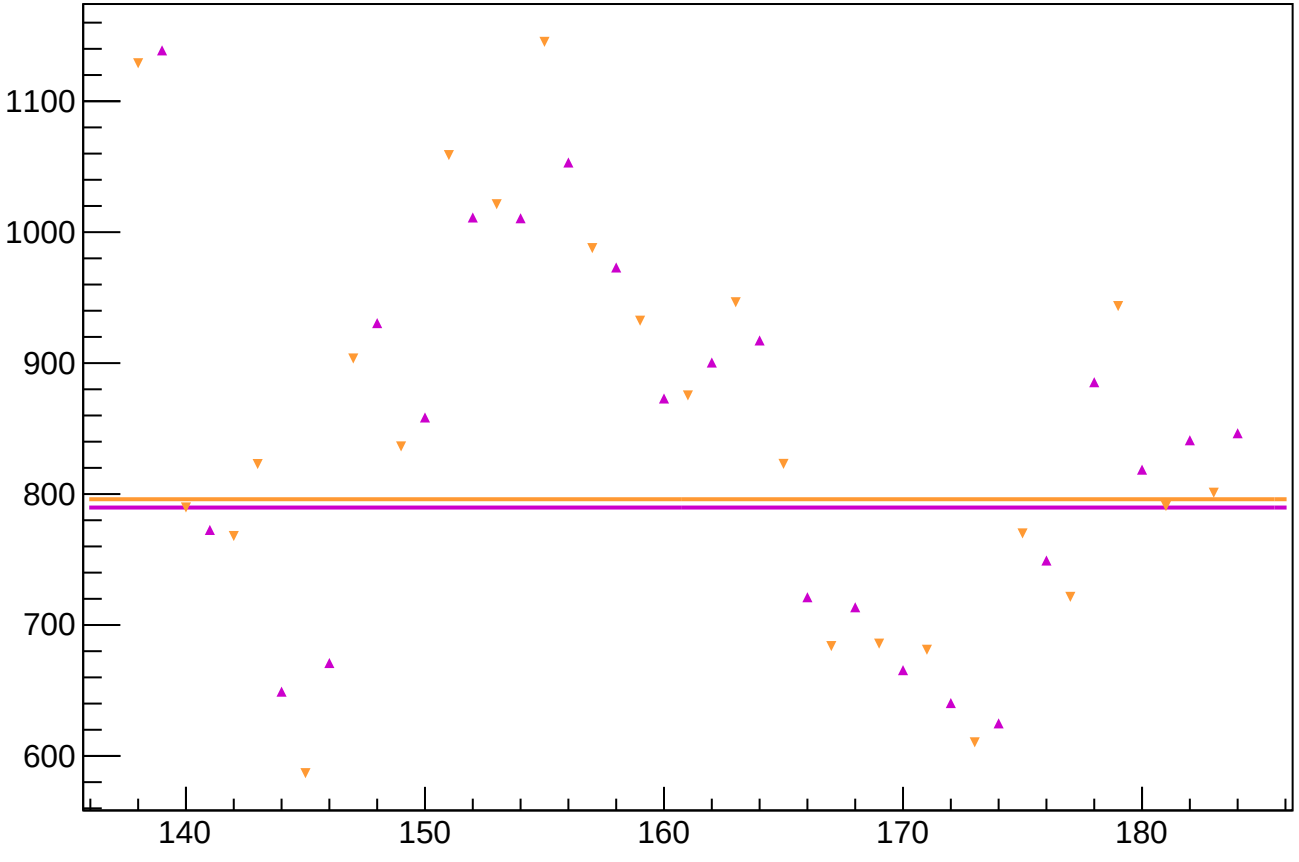
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 164.202+/-191.131 χ^2/NDF:22.0/22

Out: -975.695+/-190.637 χ^2/NDF:62.2/23

All: -407.222+/-134.975 χ^2/NDF: 102.0/46

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 796.051+/-0.135 χ^2/NDF:1136386.7/23

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

Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

Left: 792.883+/-0.095 χ^2/NDF: 2157452.9/46

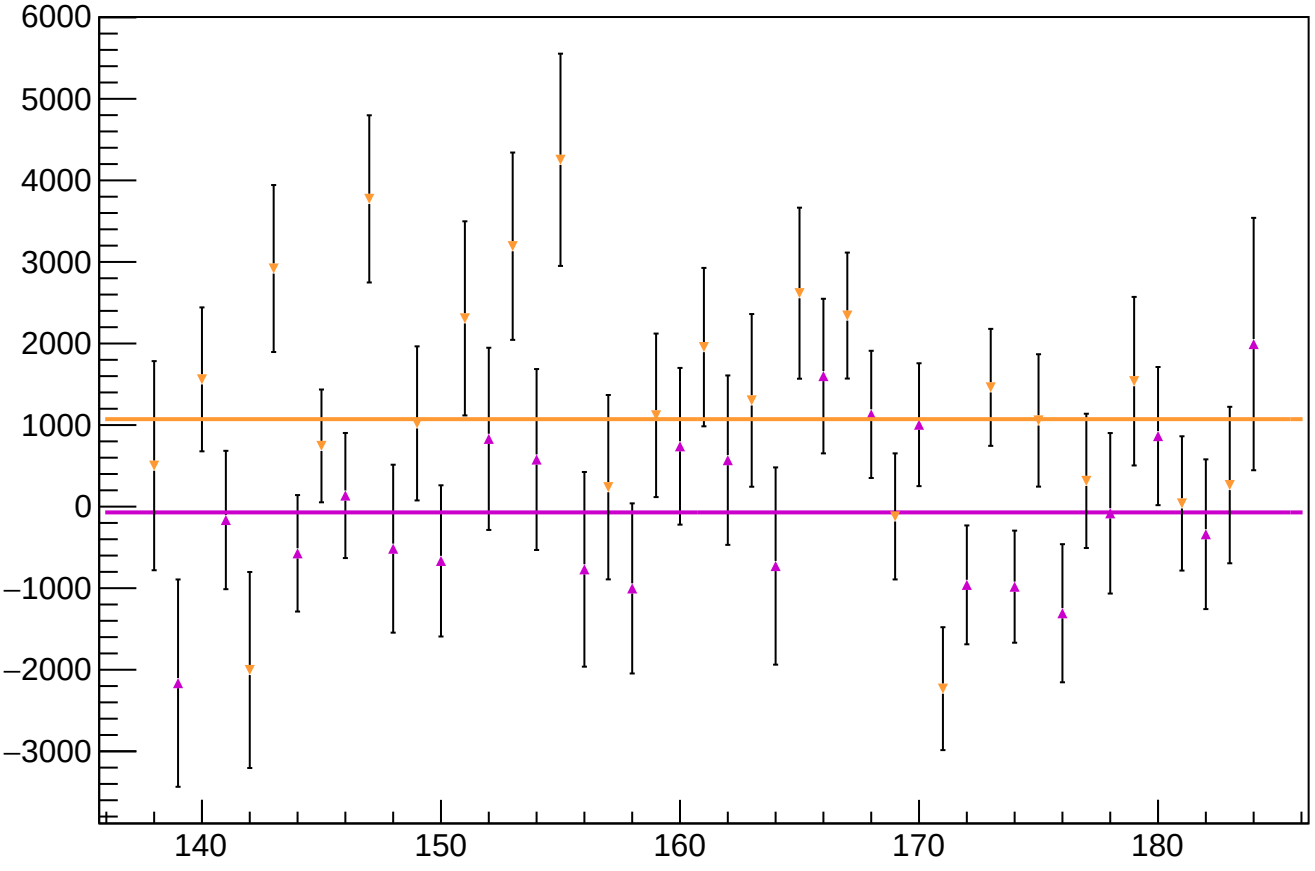
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

Out: 796.051+/-0.135 χ^2/NDF:1136386.7/23

All: 792.883+/-0.095 χ^2/NDF: 2157452.9/46

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1072.483+/-189.161 χ^2/NDF:59.5/23

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

Left In: -70.852+/-190.155 χ^2/NDF:23.4/22

Left: 503.813+/-134.107 χ^2/NDF: 101.0/46

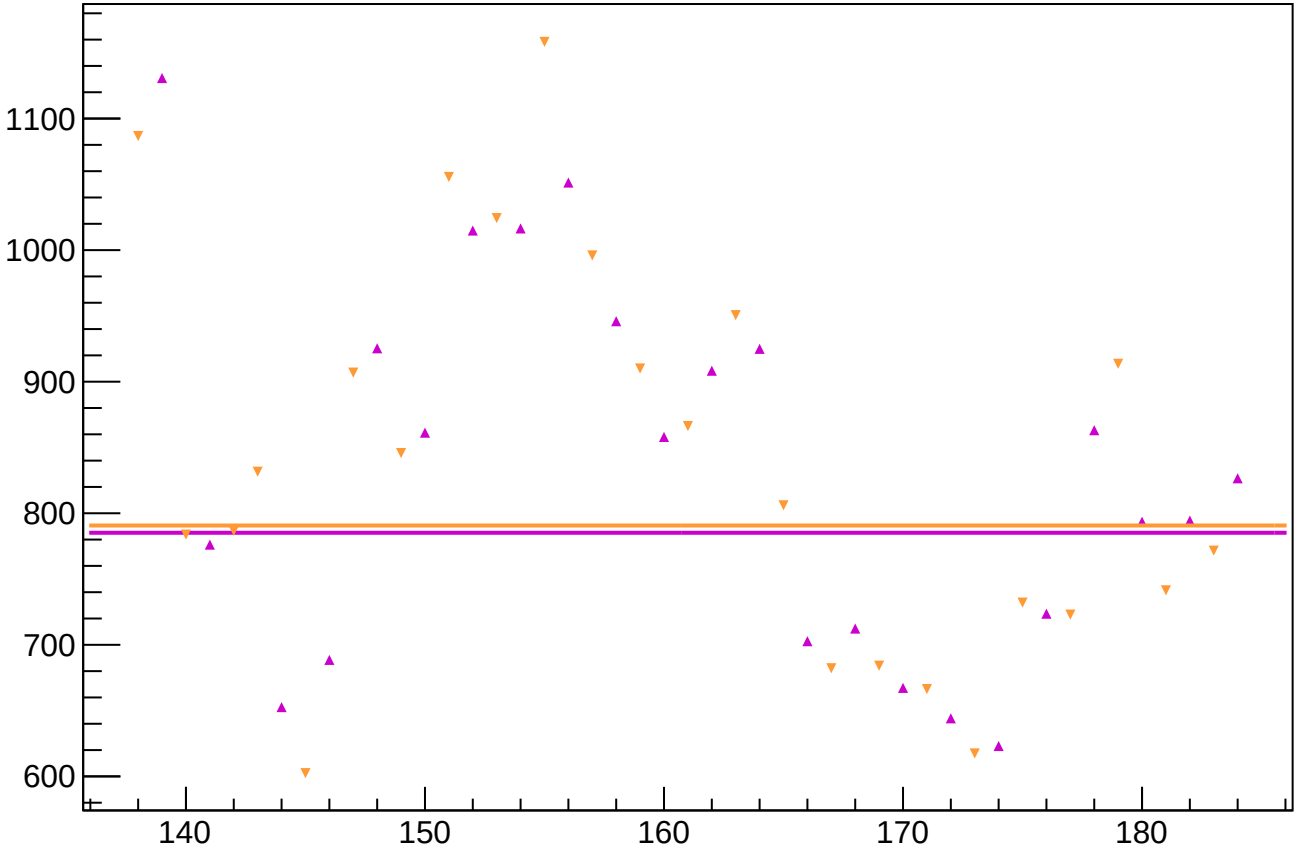
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -70.852+/-190.155 χ^2/NDF:23.4/22

Out: 1072.483+/-189.161 χ^2/NDF:59.5/23

All: 503.813+/-134.107 χ^2/NDF: 101.0/46

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 790.699+/-0.134 χ^2/NDF:1093513.8/23

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

Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

Left: 787.954+/-0.095 χ^2/NDF: 2071303.0/46

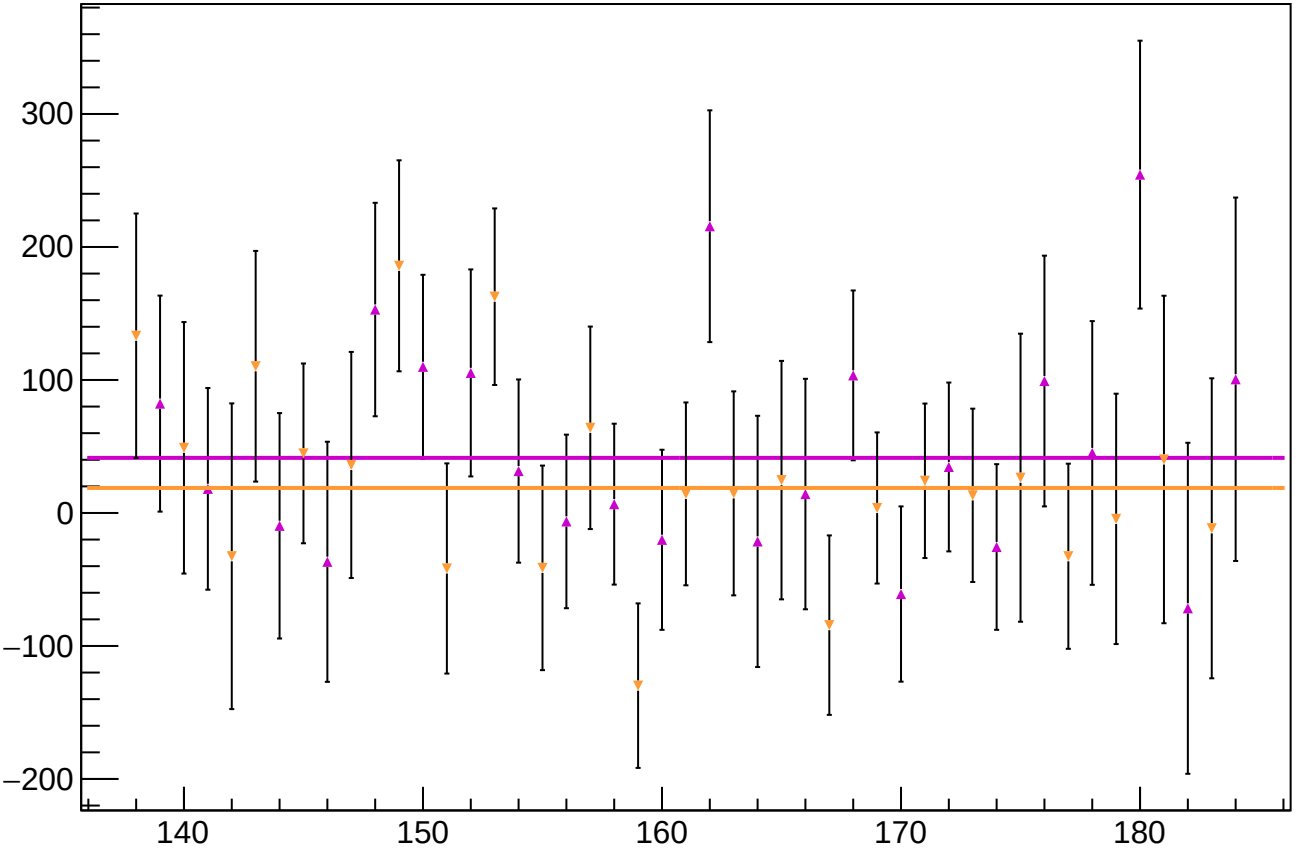
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 785.179+/-0.134 χ^2/NDF:976942.0/22

Out: 790.699+/-0.134 χ^2/NDF:1093513.8/23

All: 787.954+/-0.095 χ^2/NDF: 2071303.0/46

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 18.824+/-15.691 χ^2/NDF:22.8/23

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

Left In: 41.428+/-16.130 χ^2/NDF:21.7/22

Left: 29.814+/-11.247 χ^2/NDF: 45.4/46

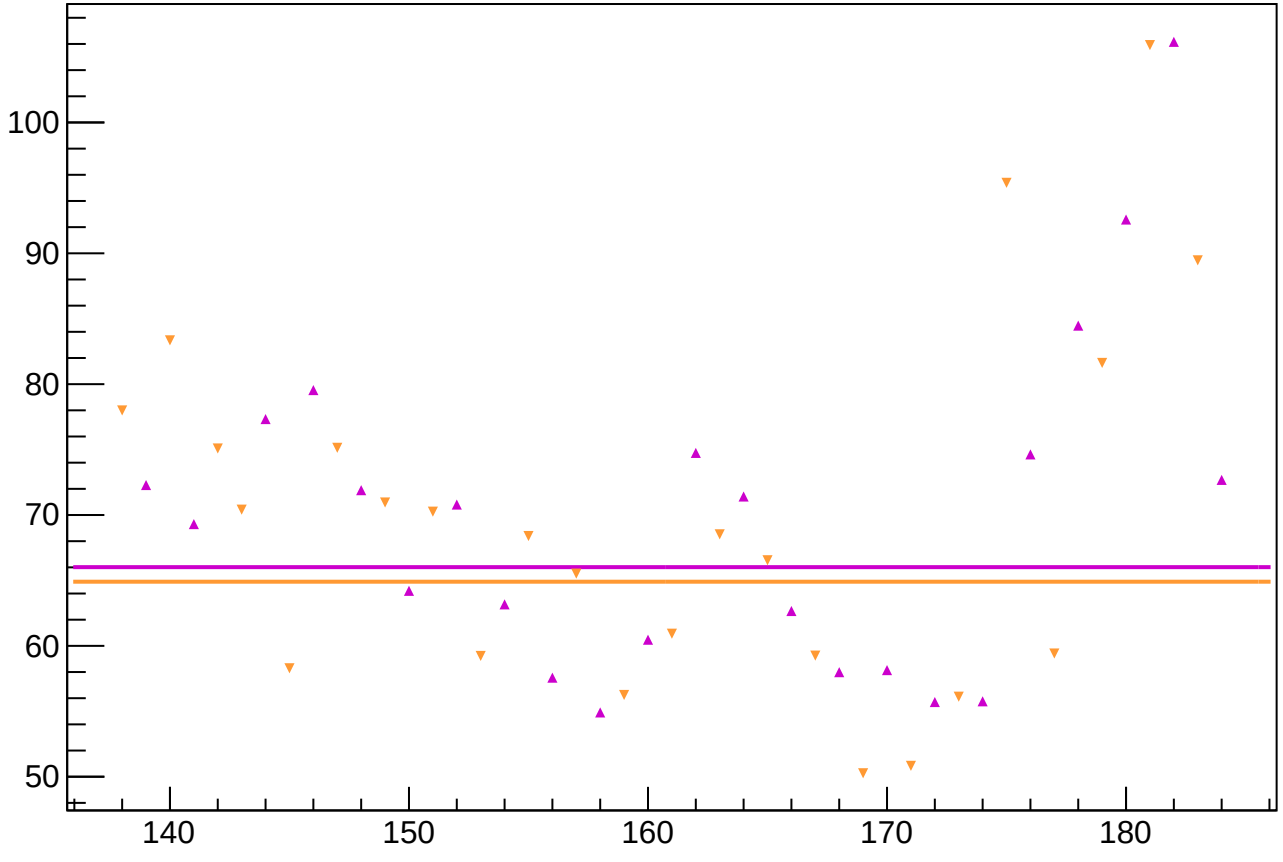
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.428+/-16.130 χ^2/NDF:21.7/22

Out: 18.824+/-15.691 χ^2/NDF:22.8/23

All: 29.814+/-11.247 χ^2/NDF: 45.4/46

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 64.903+/-0.011 χ^2/NDF:1130552.8/23

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

Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

Left: 65.444+/-0.008 χ^2/NDF: 2003873.9/46

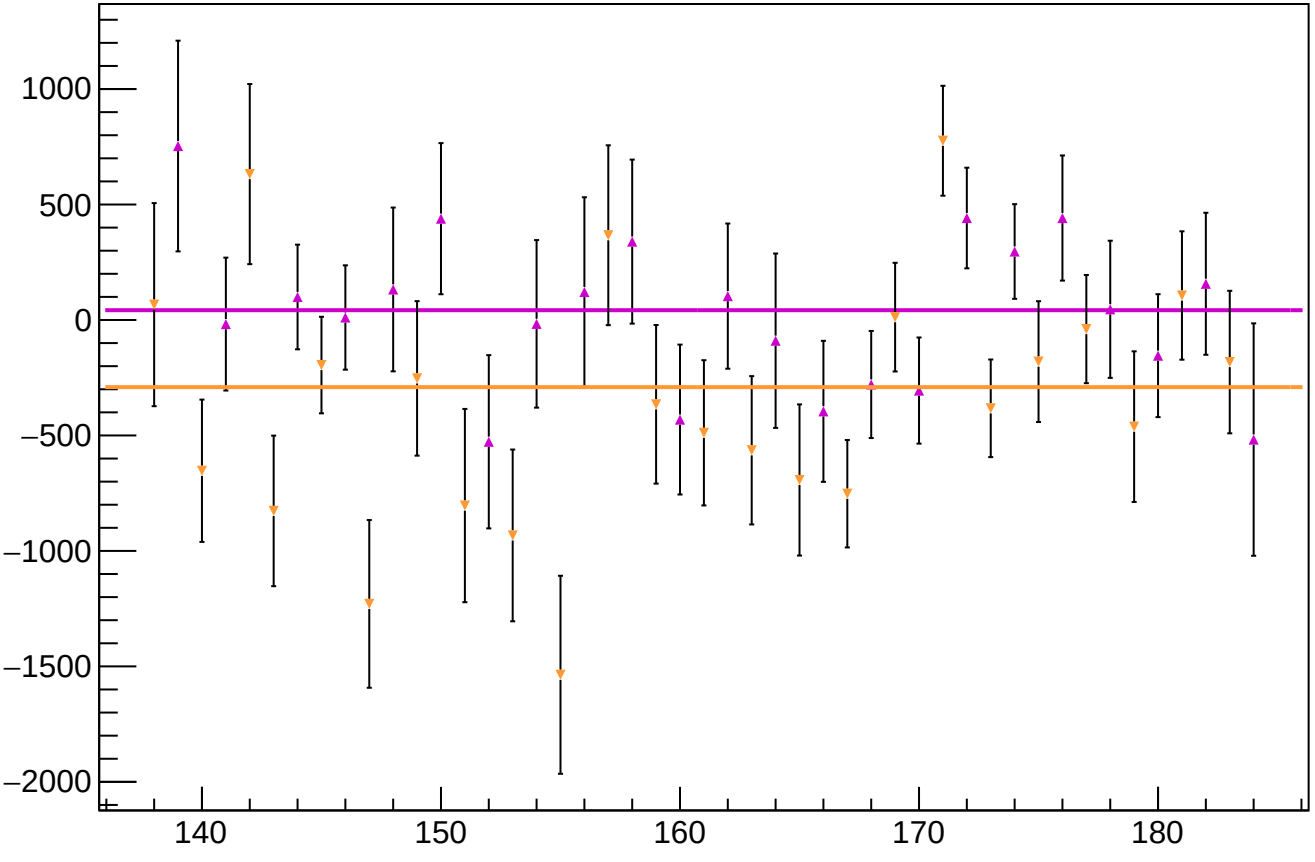
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 66.016+/-0.011 χ^2/NDF:868433.2/22

Out: 64.903+/-0.011 χ^2/NDF:1130552.8/23

All: 65.444+/-0.008 χ^2/NDF: 2003873.9/46

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -290.737+/-60.194 χ^2/NDF:65.4/23

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

Left In: 42.368+/-60.284 χ^2/NDF:24.7/22

Left: -124.434+/-42.595 χ^2/NDF: 105.4/46

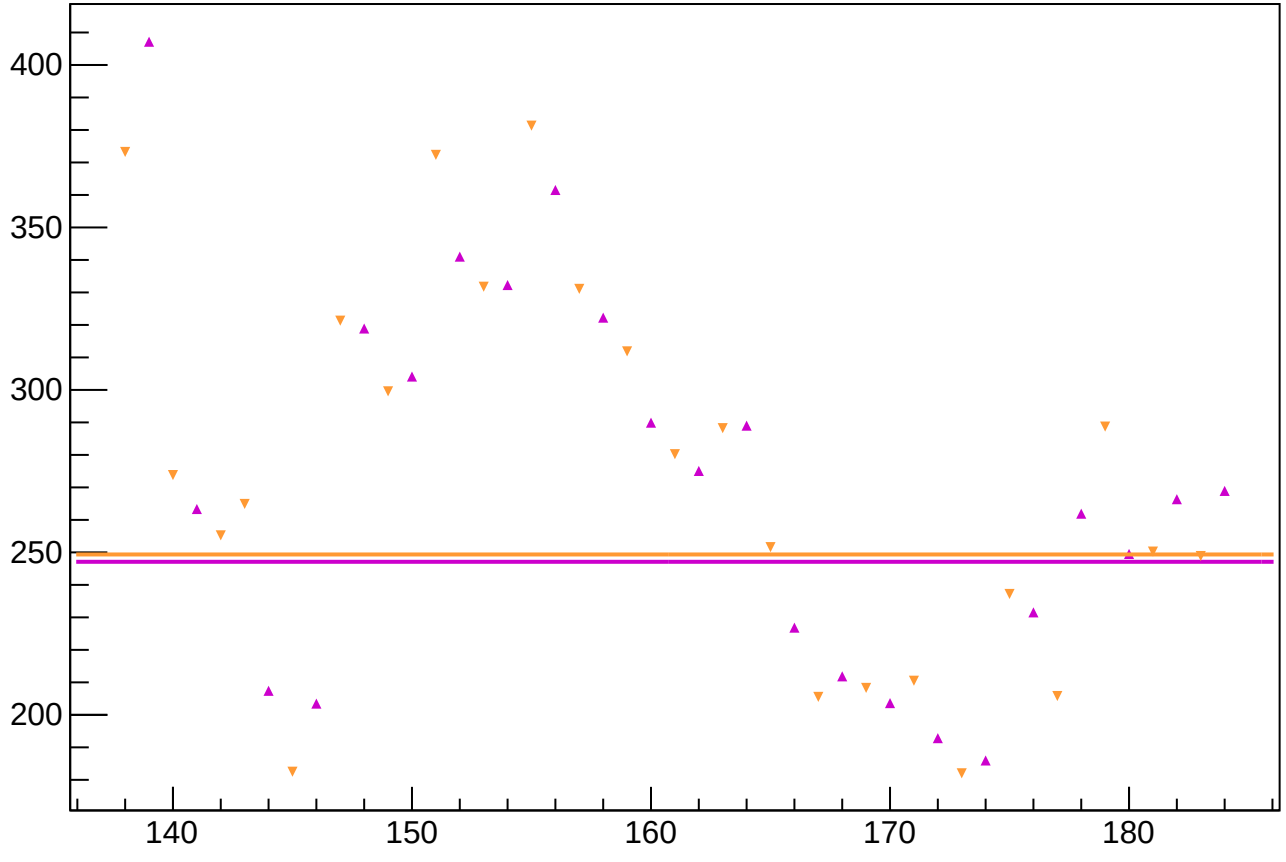
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 42.368+/-60.284 χ^2/NDF:24.7/22

Out: -290.737+/-60.194 χ^2/NDF:65.4/23

All: -124.434+/-42.595 χ^2/NDF: 105.4/46

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 249.361+/-0.043 χ^2/NDF:1659057.4/23

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

Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

Left: 248.235+/-0.030 χ^2/NDF: 3199788.9/46

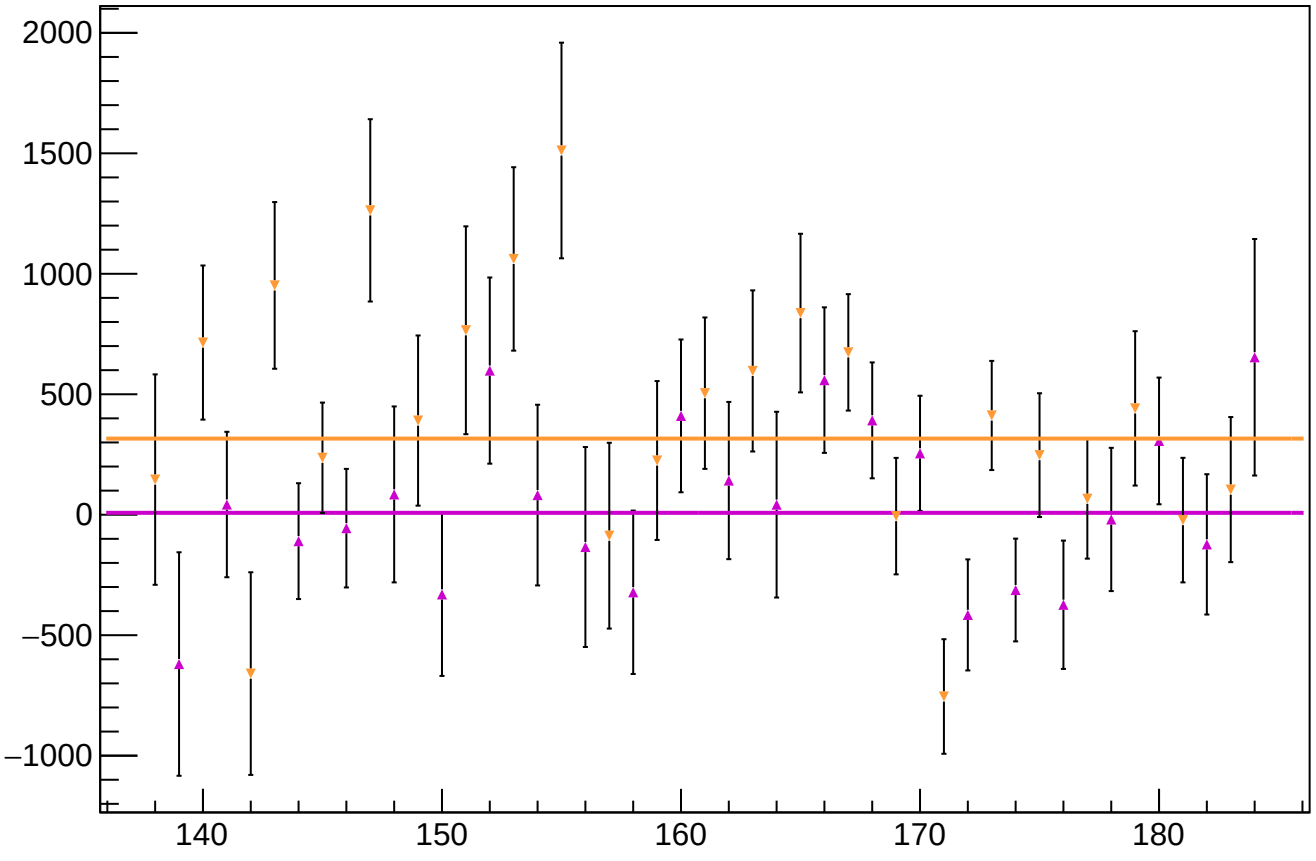
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

Out: 249.361+/-0.043 χ^2/NDF:1659057.4/23

All: 248.235+/-0.030 χ^2/NDF: 3199788.9/46

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 316.042+/-61.653 χ^2/NDF:61.6/23

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

Left In: 7.915+/-61.726 χ^2/NDF:26.3/22

Left: 162.160+/-43.621 χ^2/NDF: 100.3/46

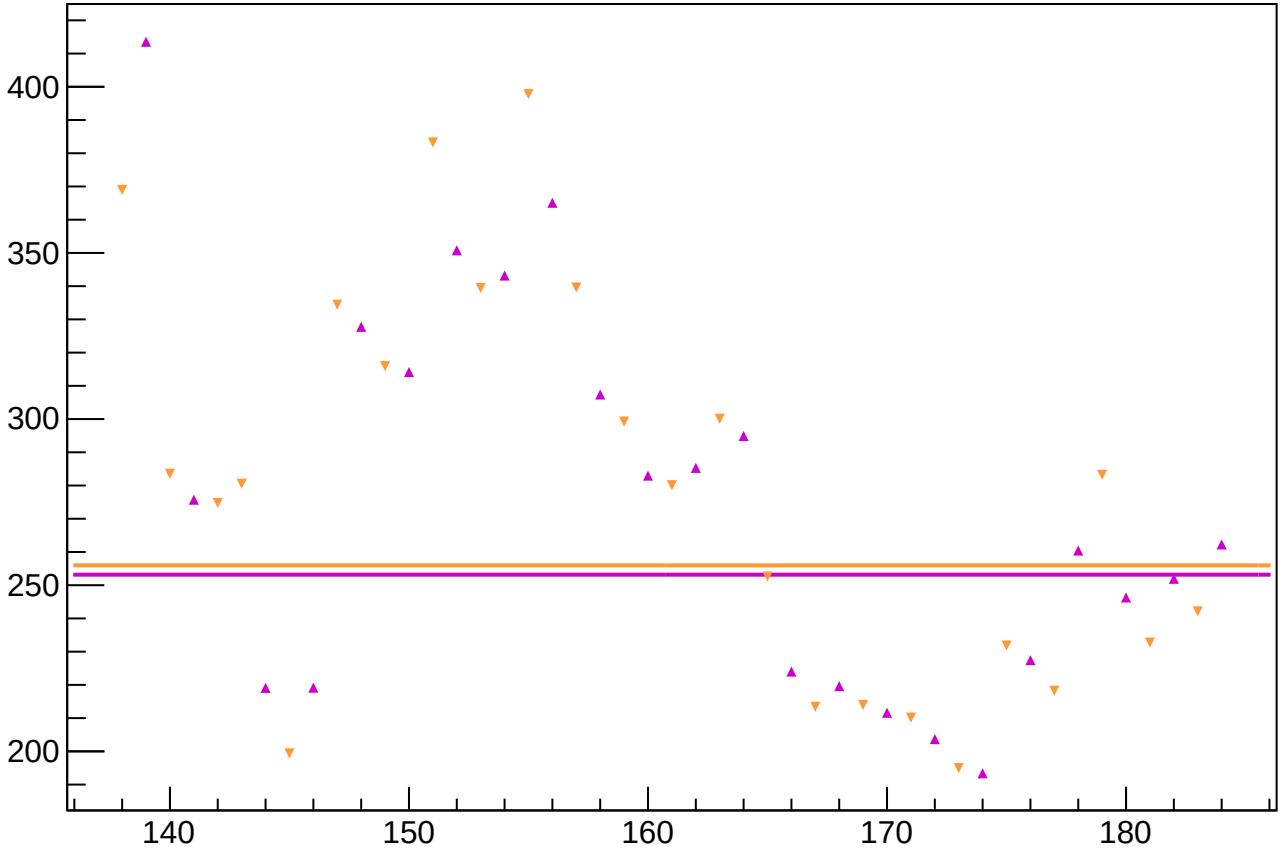
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.915+/-61.726 χ^2/NDF:26.3/22

Out: 316.042+/-61.653 χ^2/NDF:61.6/23

All: 162.160+/-43.621 χ^2/NDF: 100.3/46

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 255.972+/-0.044 χ^2/NDF:1515358.0/23

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

Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

Left: 254.573+/-0.031 χ^2/NDF: 2883948.3/46

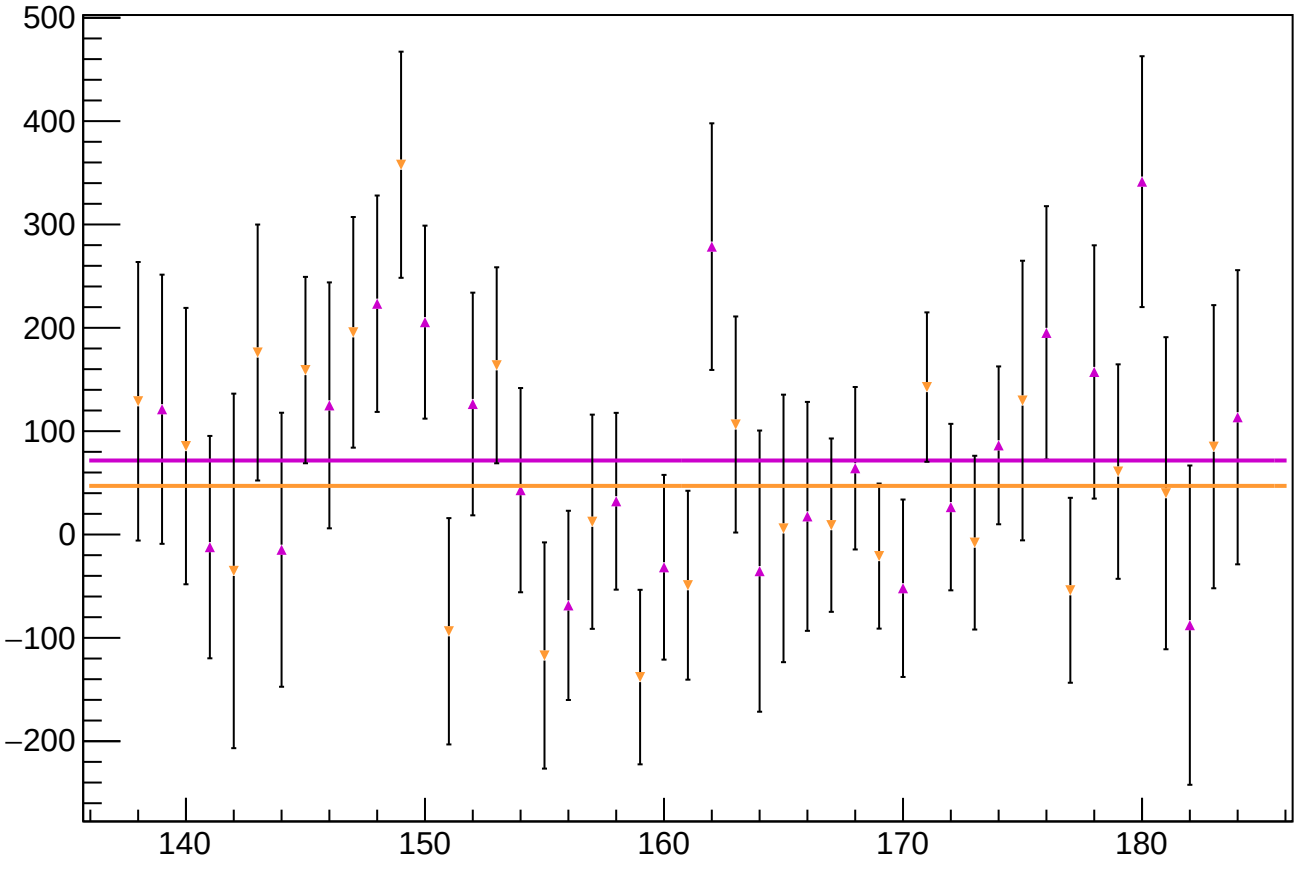
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

Out: 255.972+/-0.044 χ^2/NDF:1515358.0/23

All: 254.573+/-0.031 χ^2/NDF: 2883948.3/46

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 47.058+/-20.730 χ^2/NDF:30.1/23

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

Left In: 71.620+/-21.469 χ^2/NDF:23.7/22

Left: 58.909+/-14.913 χ^2/NDF: 54.4/46

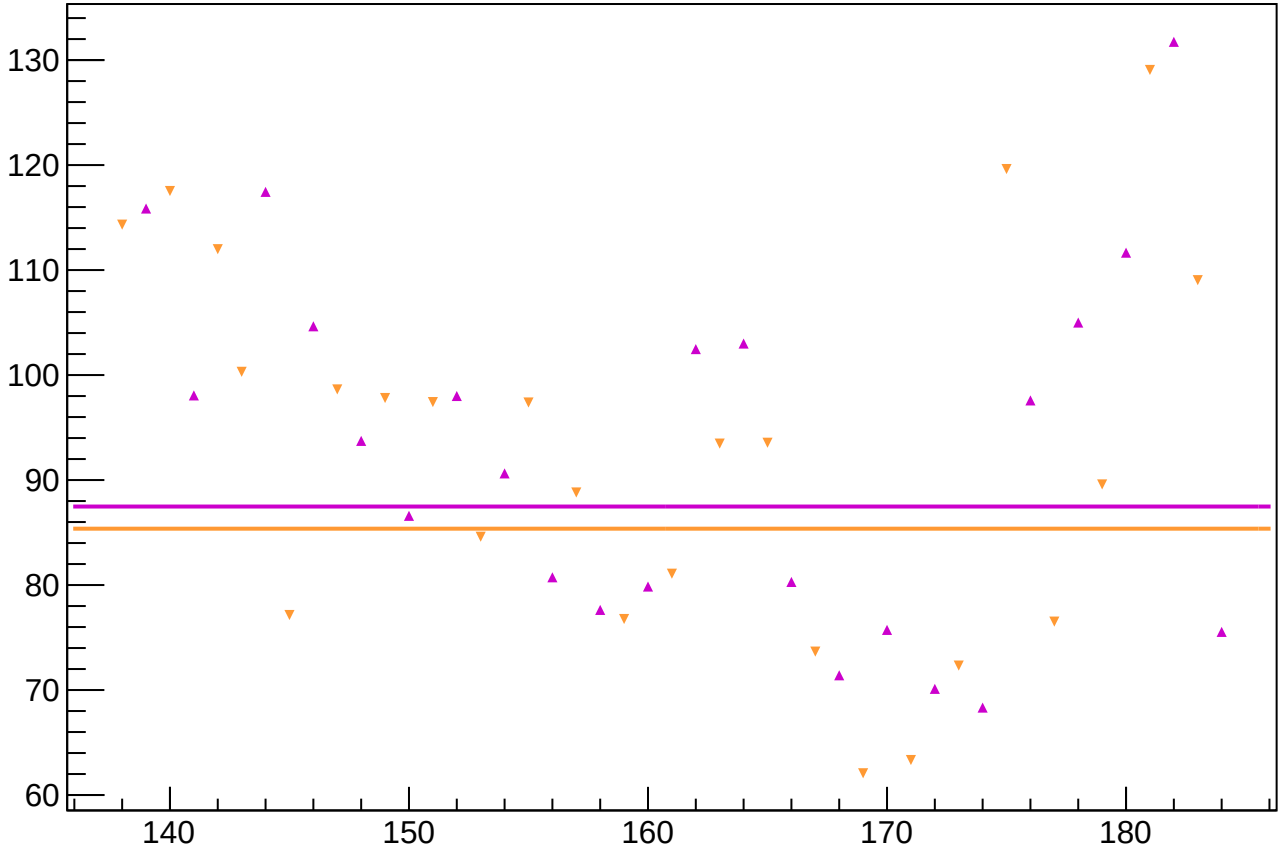
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 71.620+/-21.469 χ^2/NDF:23.7/22

Out: 47.058+/-20.730 χ^2/NDF:30.1/23

All: 58.909+/-14.913 χ^2/NDF: 54.4/46

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 85.368+/-0.015 χ^2/NDF:1323560.2/23

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

Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

Left: 86.386+/-0.011 χ^2/NDF: 2390003.0/46

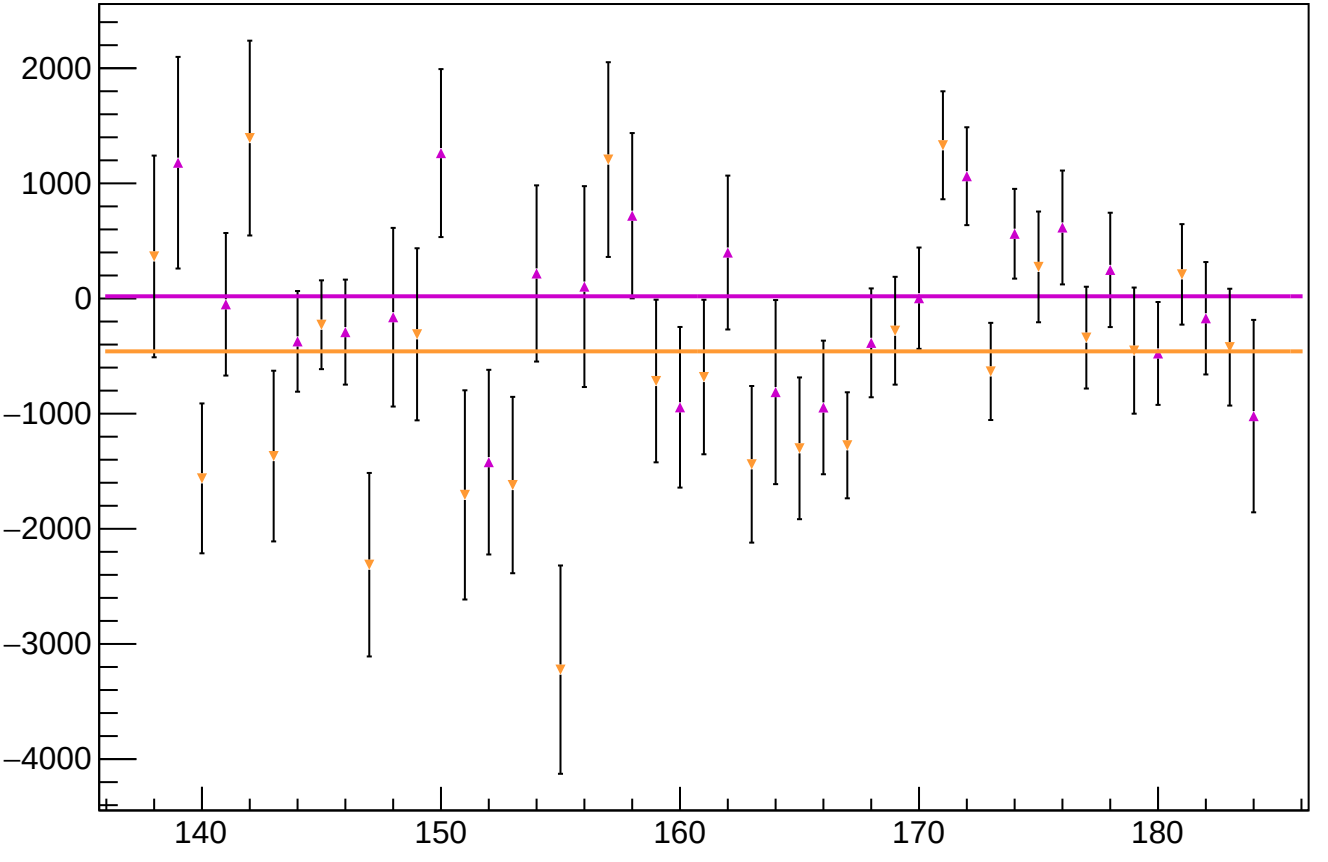
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

Out: 85.368+/-0.015 χ^2/NDF:1323560.2/23

All: 86.386+/-0.011 χ^2/NDF: 2390003.0/46

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -458.949+/-117.126 χ^2/NDF:60.2/23

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

Left In: 19.322+/-116.820 χ^2/NDF:29.5/22

Left: -219.190+/-82.712 χ^2/NDF: 98.1/46

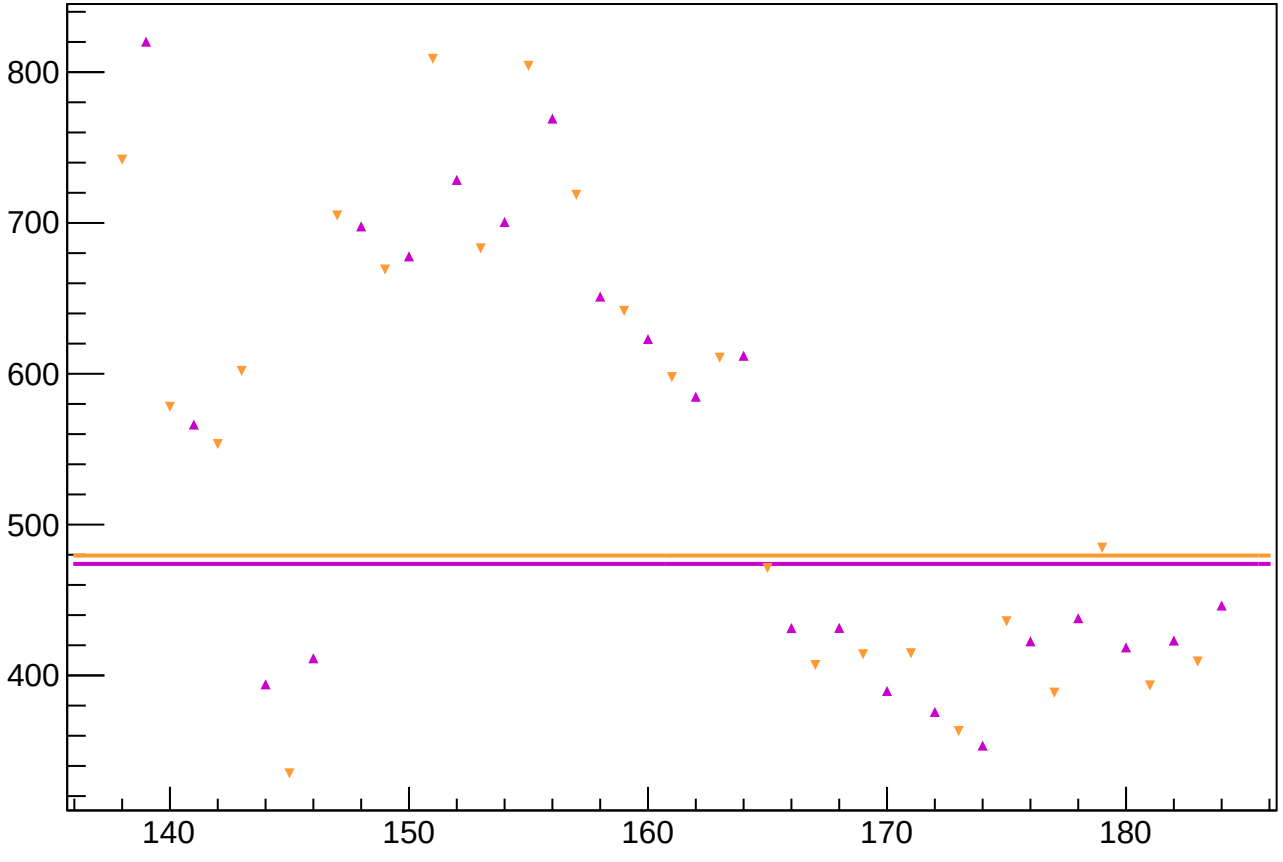
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 19.322+/-116.820 χ^2/NDF:29.5/22

Out: -458.949+/-117.126 χ^2/NDF:60.2/23

All: -219.190+/-82.712 χ^2/NDF: 98.1/46

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 479.495+/-0.083 χ^2/NDF:2425552.0/23

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

Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

Left: 476.713+/-0.058 χ^2/NDF: 4602278.3/46

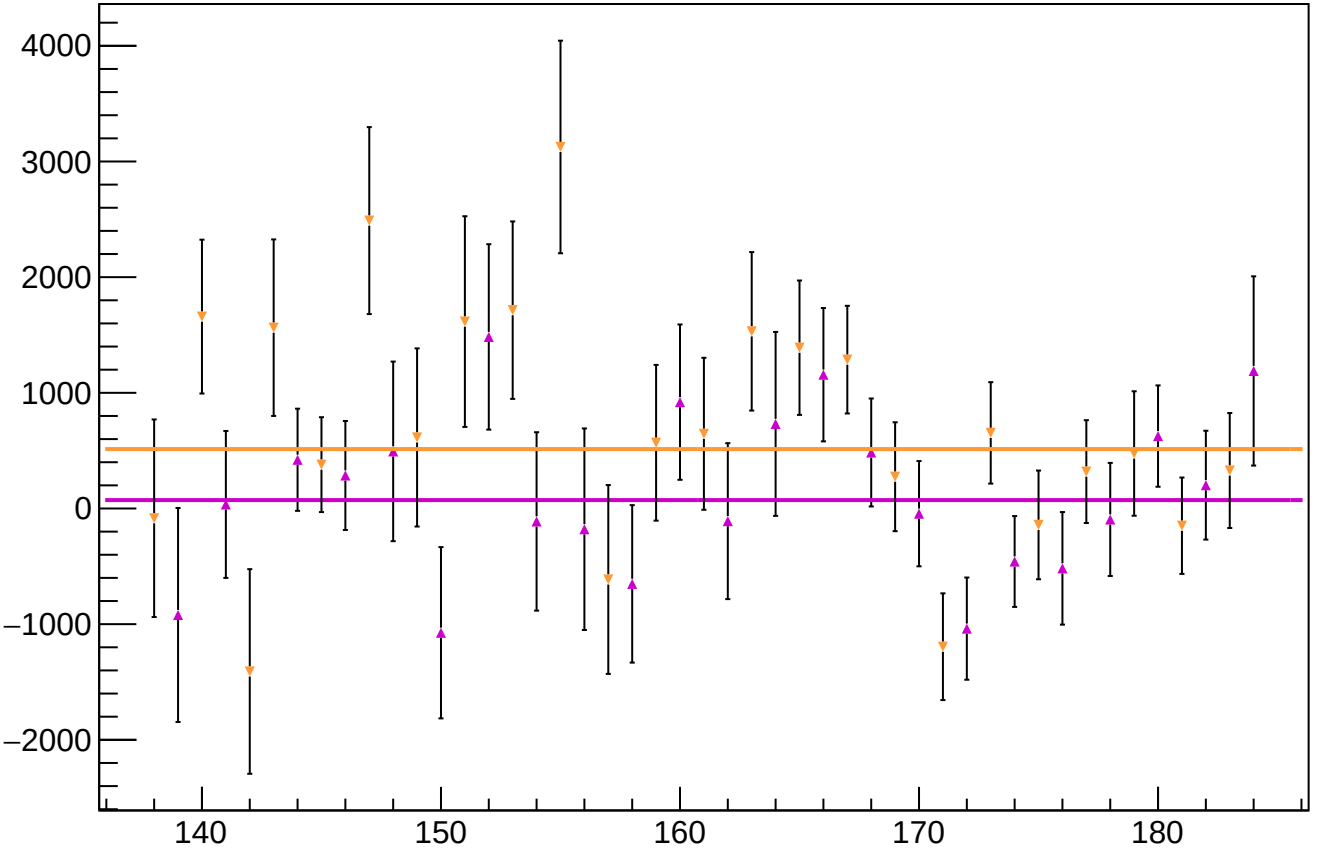
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

Out: 479.495+/-0.083 χ^2/NDF:2425552.0/23

All: 476.713+/-0.058 χ^2/NDF: 4602278.3/46

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 513.790+/-117.134 χ^2/NDF:56.3/23

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

Left In: 72.627+/-116.927 χ^2/NDF:29.1/22

Left: 292.819+/-82.753 χ^2/NDF: 92.4/46

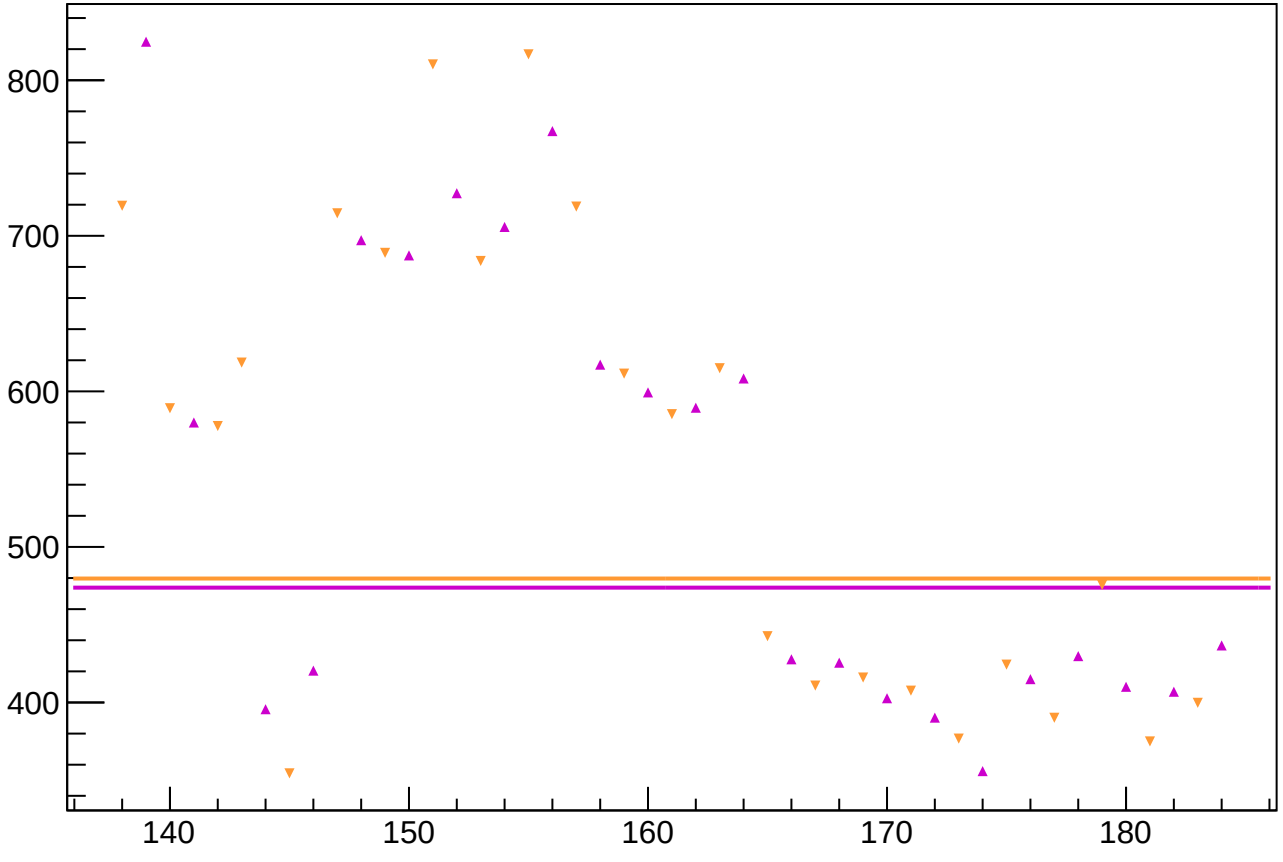
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 72.627+/-116.927 χ^2/NDF:29.1/22

Out: 513.790+/-117.134 χ^2/NDF:56.3/23

All: 292.819+/-82.753 χ^2/NDF: 92.4/46

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 479.682+/-0.083 χ^2/NDF:2391770.8/23

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

Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

Left: 476.748+/-0.059 χ^2/NDF: 4508030.0/46

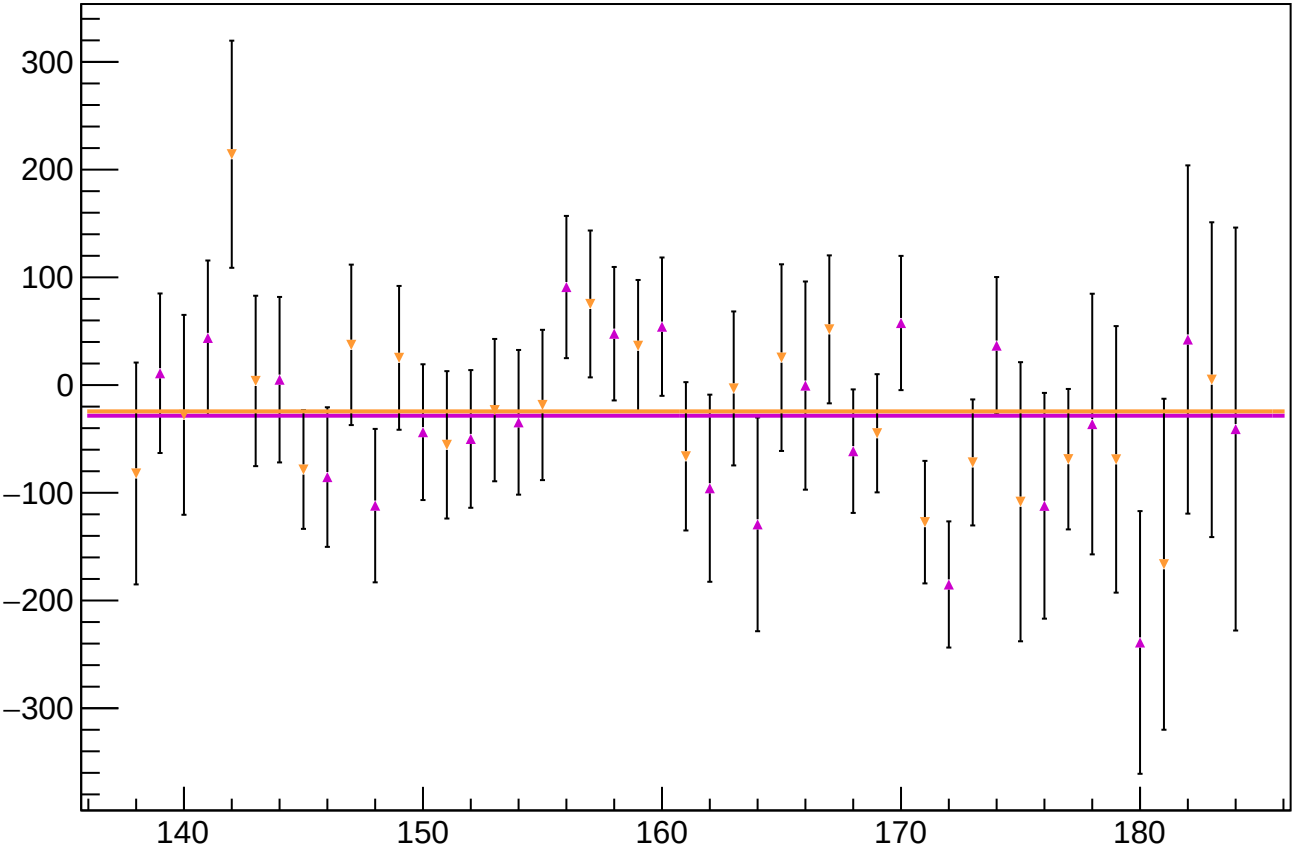
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

Out: 479.682+/-0.083 χ^2/NDF:2391770.8/23

All: 476.748+/-0.059 χ^2/NDF: 4508030.0/46

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: -24.408+/-14.972 χ^2/NDF:19.1/23

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

Left In: -28.435+/-15.494 χ^2/NDF:26.2/22

Left: -26.352+/-10.767 χ^2/NDF: 45.4/46

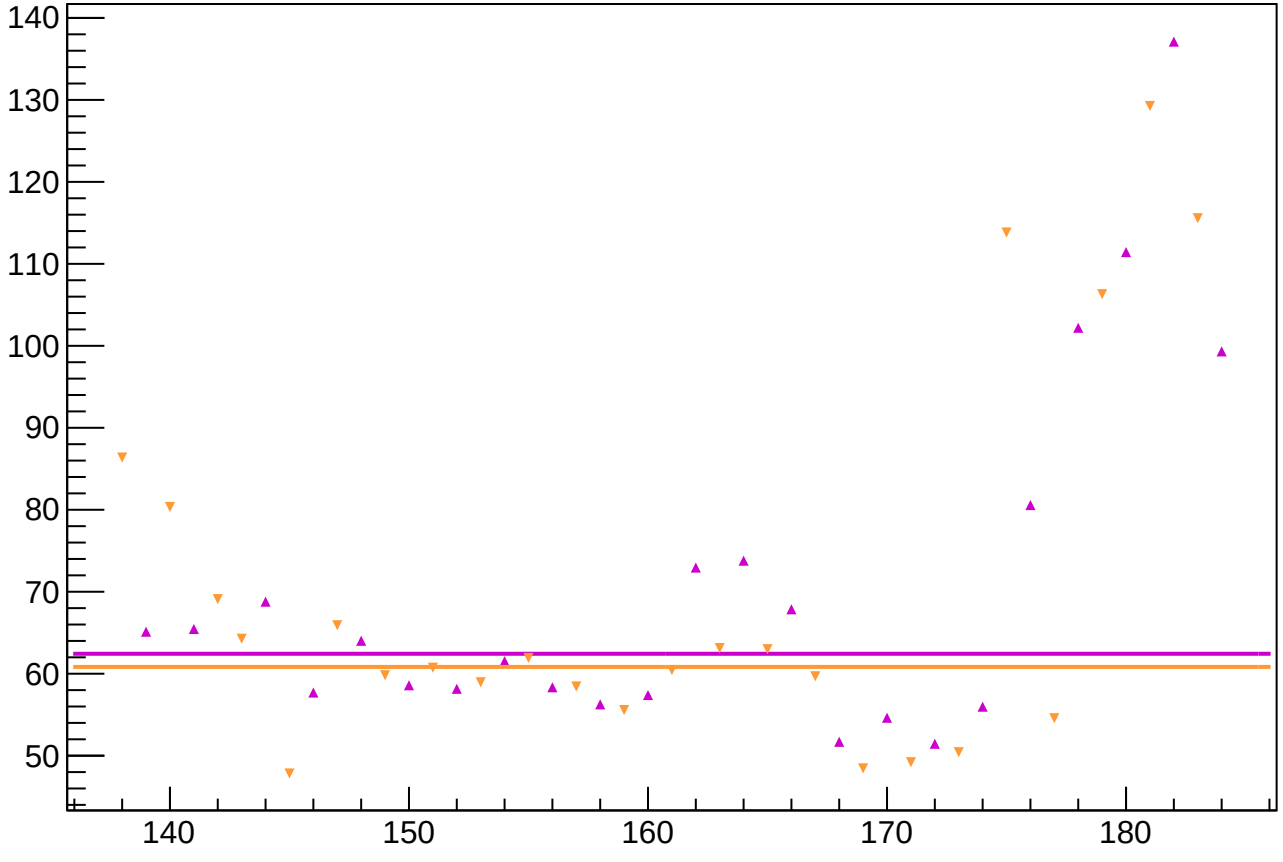
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -28.435+/-15.494 χ^2/NDF:26.2/22

Out: -24.408+/-14.972 χ^2/NDF:19.1/23

All: -26.352+/-10.767 χ^2/NDF: 45.4/46

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: 60.831+/-0.011 χ^2/NDF:1921233.0/23

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

Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

Left: 61.605+/-0.008 χ^2/NDF: 3378064.7/46

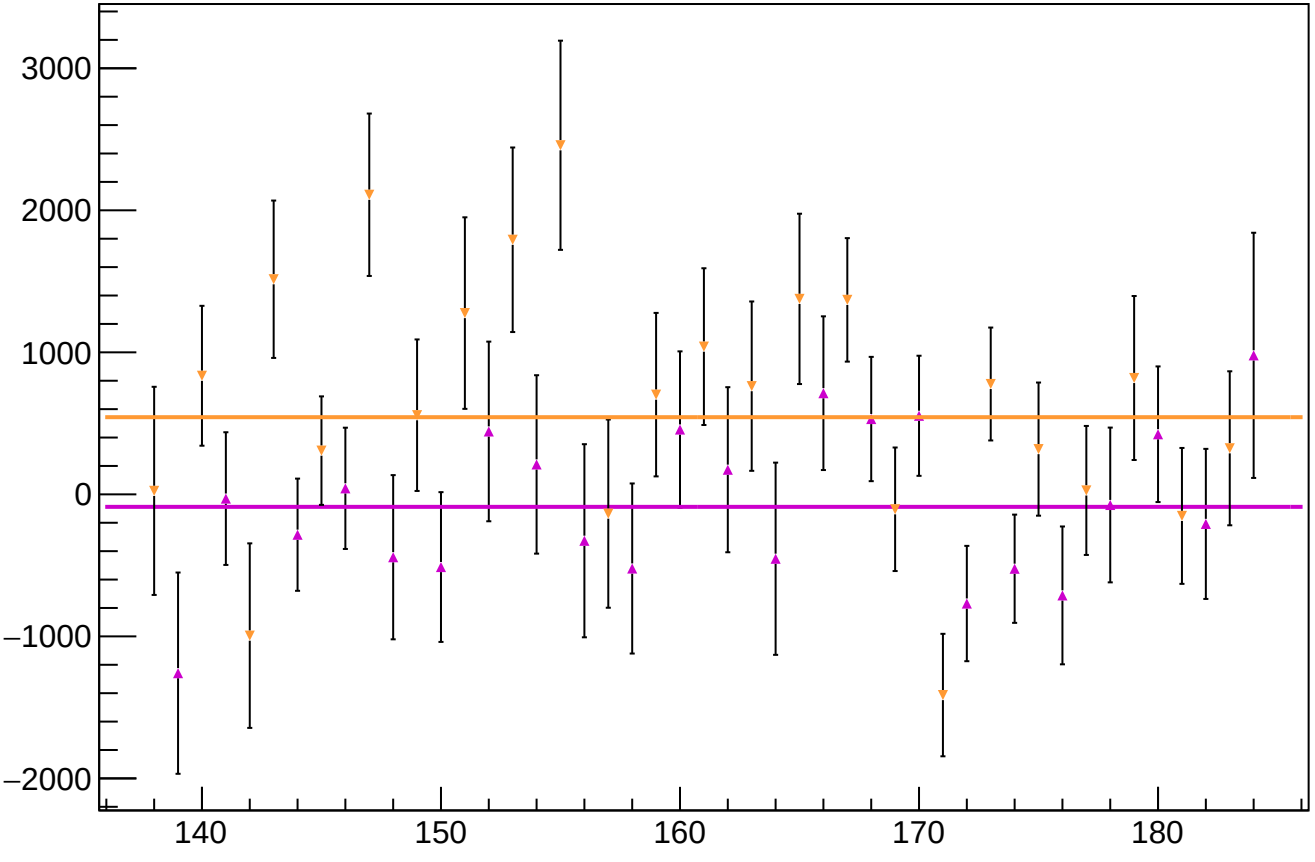
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

Out: 60.831+/-0.011 χ^2/NDF:1921233.0/23

All: 61.605+/-0.008 χ^2/NDF: 3378064.7/46

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: 543.336+/-106.552 χ^2/NDF:63.8/23

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

Left In: -87.989+/-106.843 χ^2/NDF:22.1/22

Left: 228.534+/-75.446 χ^2/NDF: 103.5/46

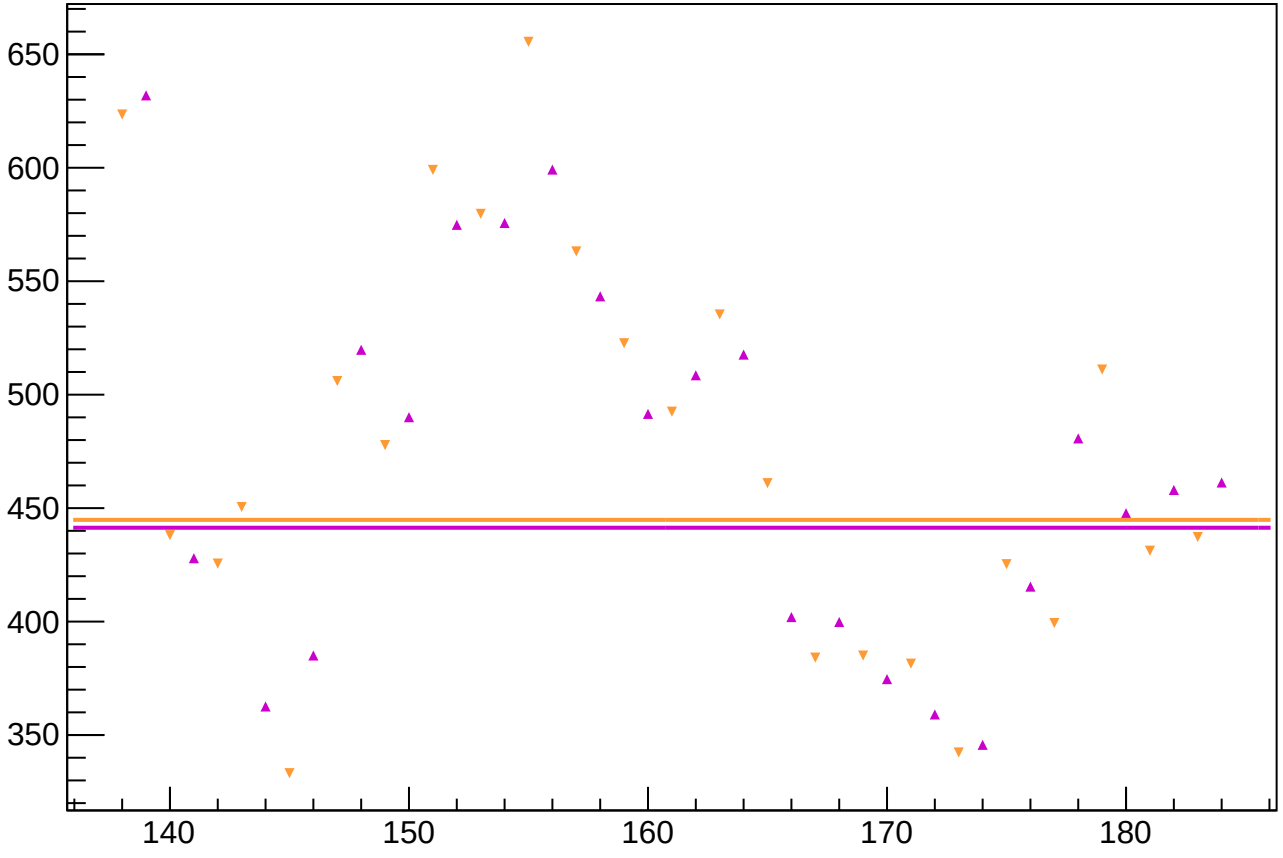
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -87.989+/-106.843 χ^2/NDF:22.1/22

Out: 543.336+/-106.552 χ^2/NDF:63.8/23

All: 228.534+/-75.446 χ^2/NDF: 103.5/46

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 444.834+/-0.075 χ^2/NDF:1144705.3/23

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

Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

Left: 443.101+/-0.053 χ^2/NDF: 2181605.5/46

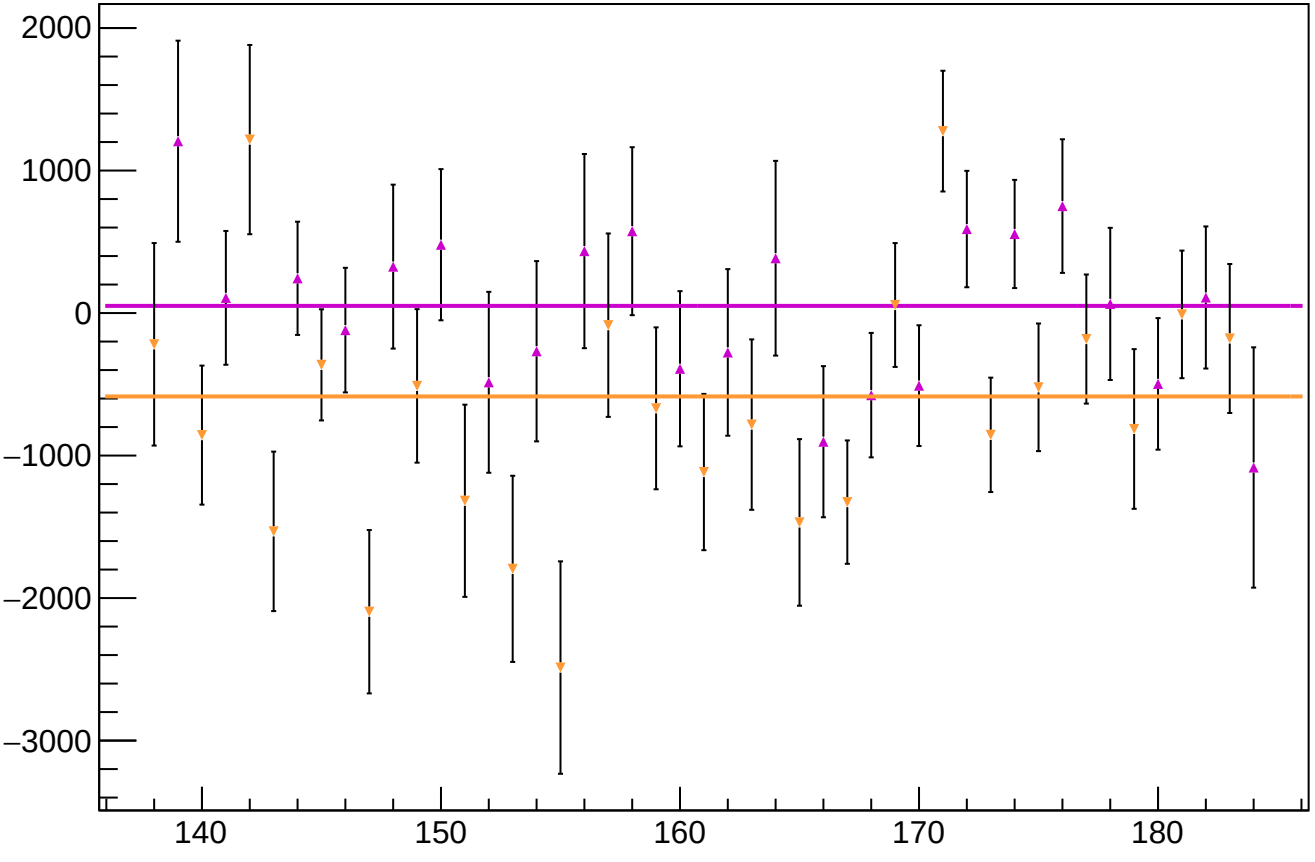
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

Out: 444.834+/-0.075 χ^2/NDF:1144705.3/23

All: 443.101+/-0.053 χ^2/NDF: 2181605.5/46

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -585.147+/-105.568 χ^2/NDF:61.3/23

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

Left In: 50.387+/-106.218 χ^2/NDF:23.3/22

Left: -269.330+/-74.877 χ^2/NDF: 102.6/46

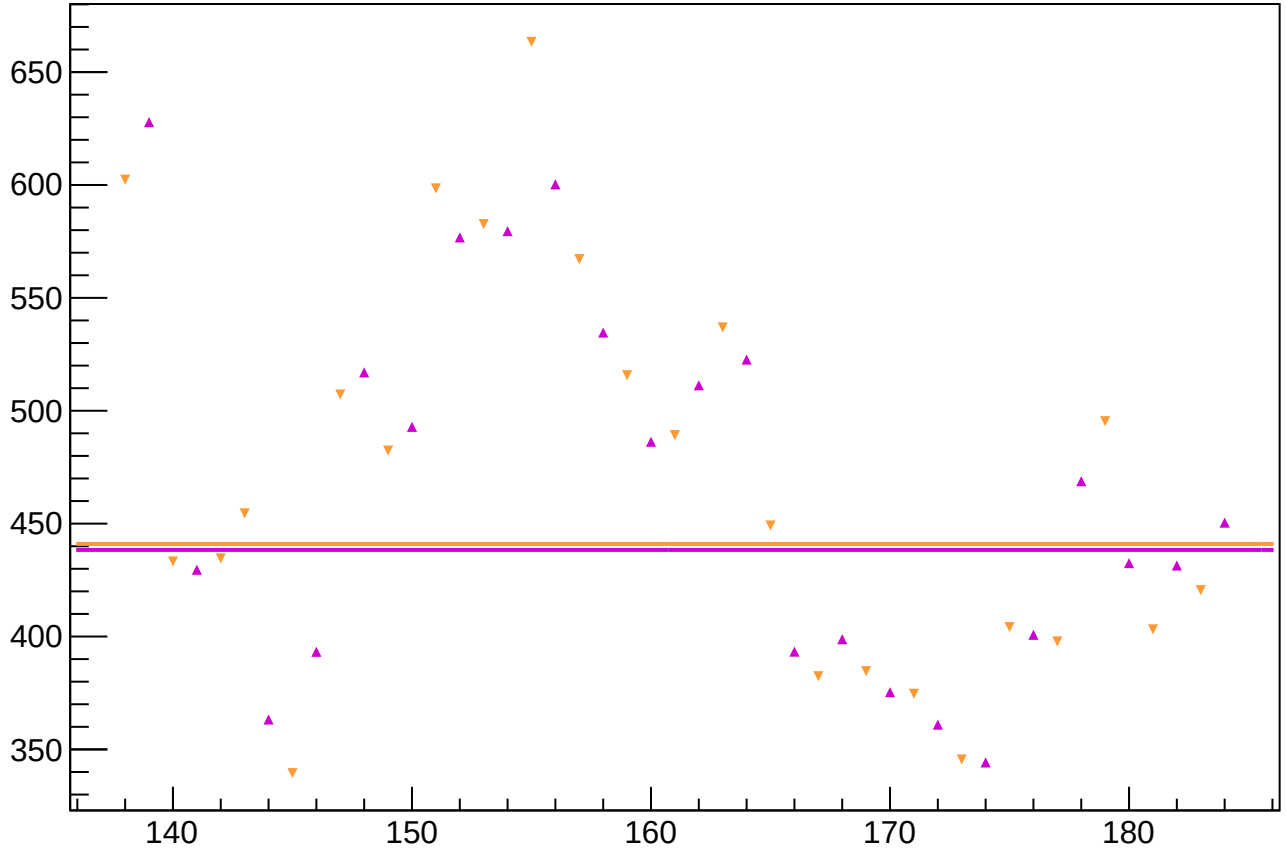
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 50.387+/-106.218 χ^2/NDF:23.3/22

Out: -585.147+/-105.568 χ^2/NDF:61.3/23

All: -269.330+/-74.877 χ^2/NDF: 102.6/46

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 441.011+/-0.075 χ^2/NDF:1139267.1/23

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

Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

Left: 439.696+/-0.053 χ^2/NDF: 2164552.7/46

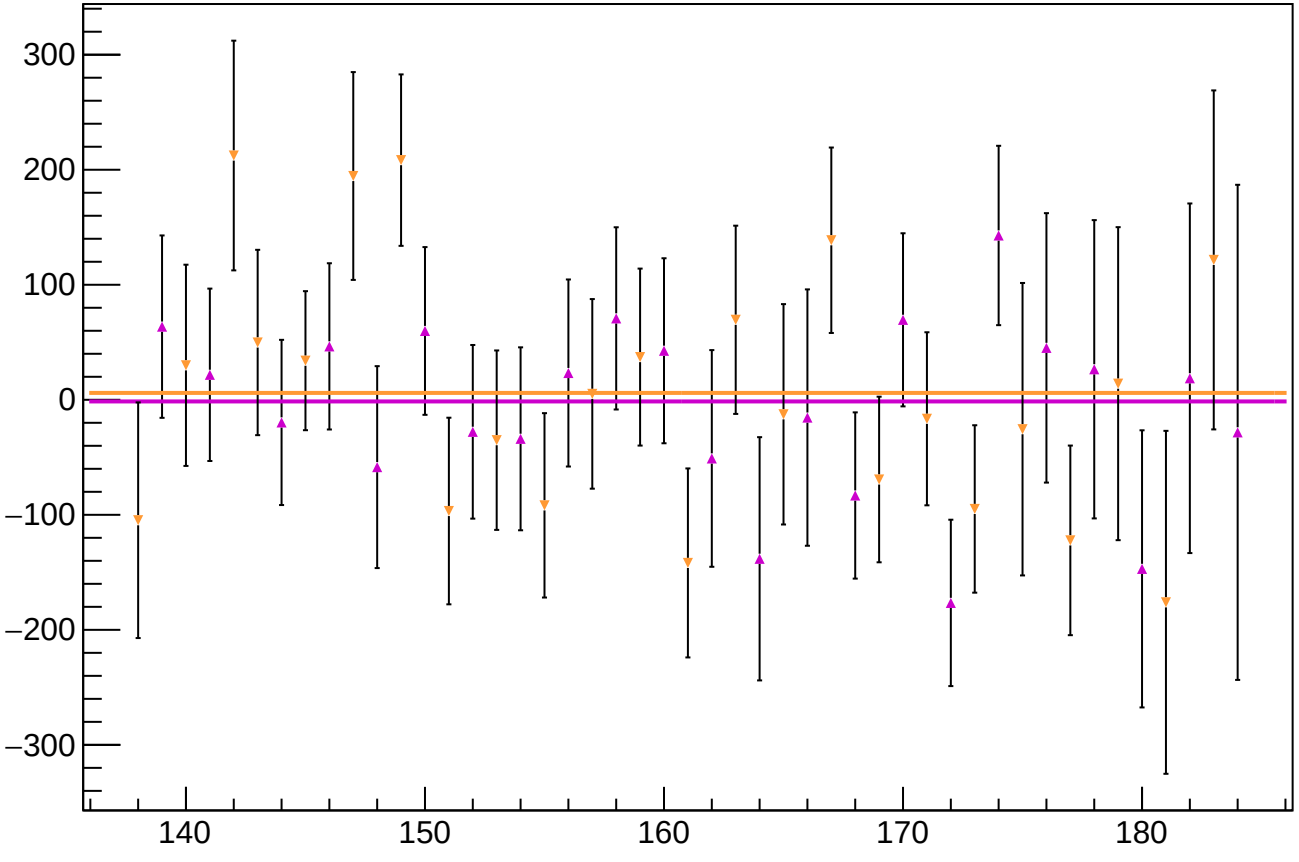
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

Out: 441.011+/-0.075 χ^2/NDF:1139267.1/23

All: 439.696+/-0.053 χ^2/NDF: 2164552.7/46

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: 5.984+/-17.361 χ^2/NDF:35.6/23

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

Left In: -1.434+/-17.926 χ^2/NDF:19.0/22

Left: 2.394+/-12.471 χ^2/NDF: 54.7/46

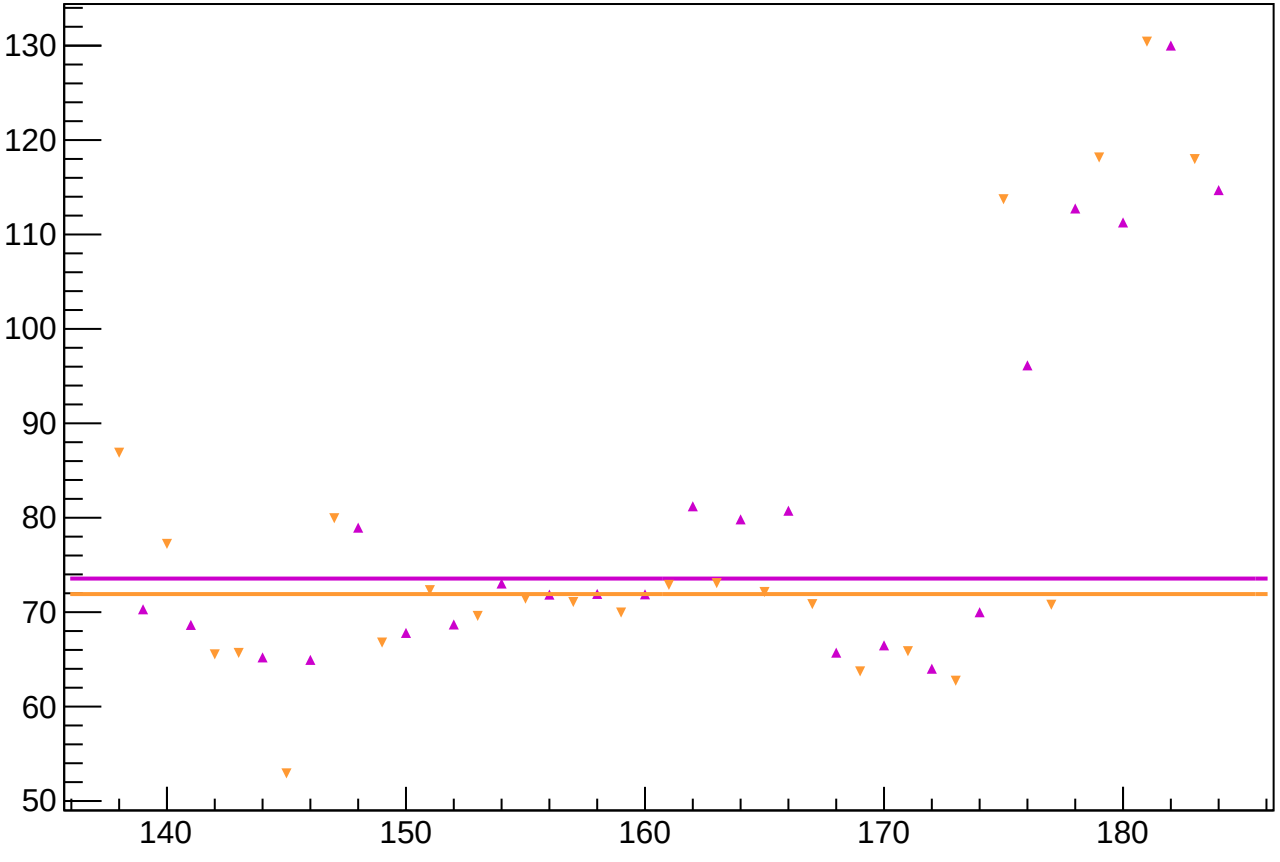
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.434+/-17.926 χ^2/NDF:19.0/22

Out: 5.984+/-17.361 χ^2/NDF:35.6/23

All: 2.394+/-12.471 χ^2/NDF: 54.7/46

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: 71.916+/-0.012 χ^2/NDF:1319301.7/23

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

Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

Left: 72.711+/-0.009 χ^2/NDF: 2337322.5/46

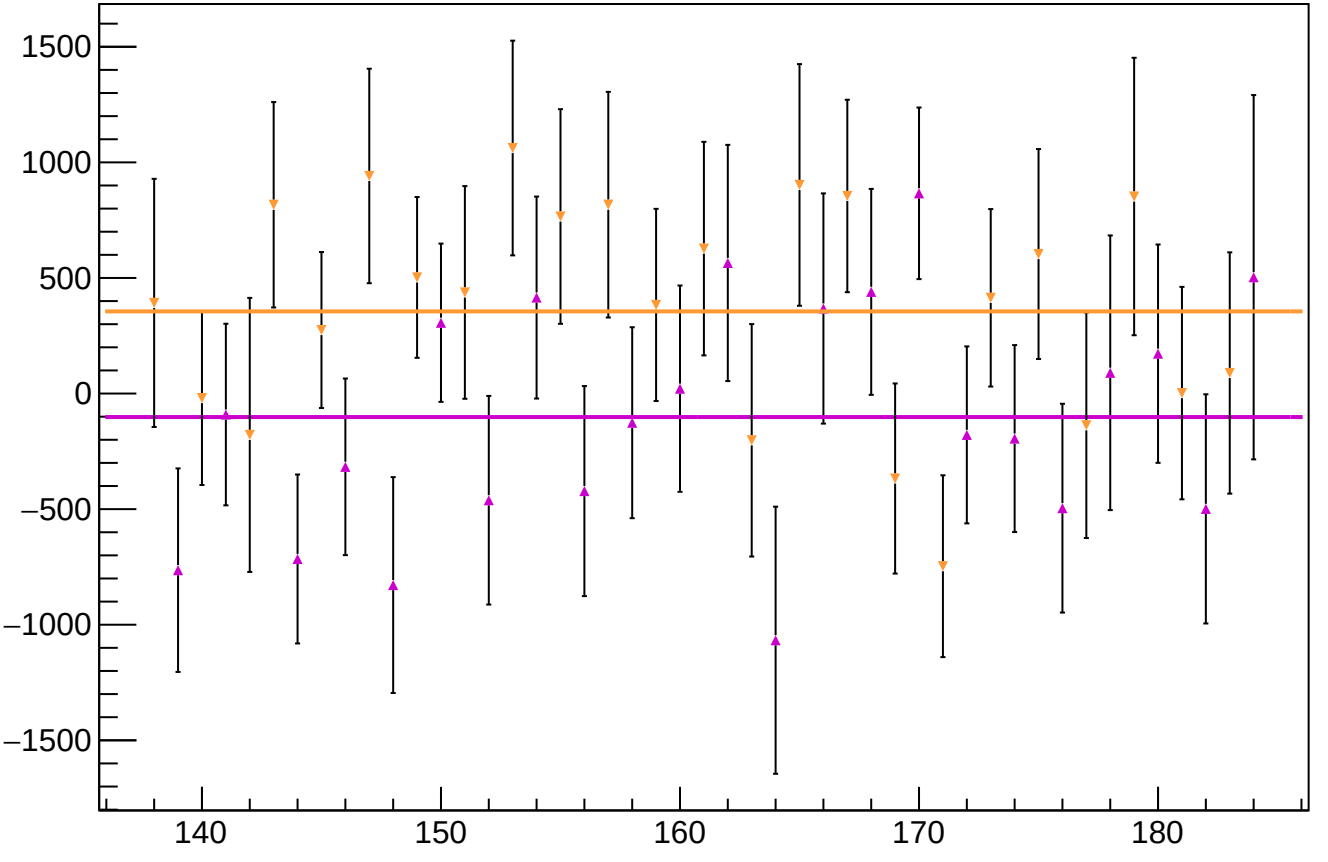
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

Out: 71.916+/-0.012 χ^2/NDF:1319301.7/23

All: 72.711+/-0.009 χ^2/NDF: 2337322.5/46

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: 355.359+/-90.673 χ^2/NDF:26.7/23

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

Left In: -101.648+/-91.670 χ^2/NDF:28.1/22

Left: 129.354+/-64.465 χ^2/NDF: 67.3/46

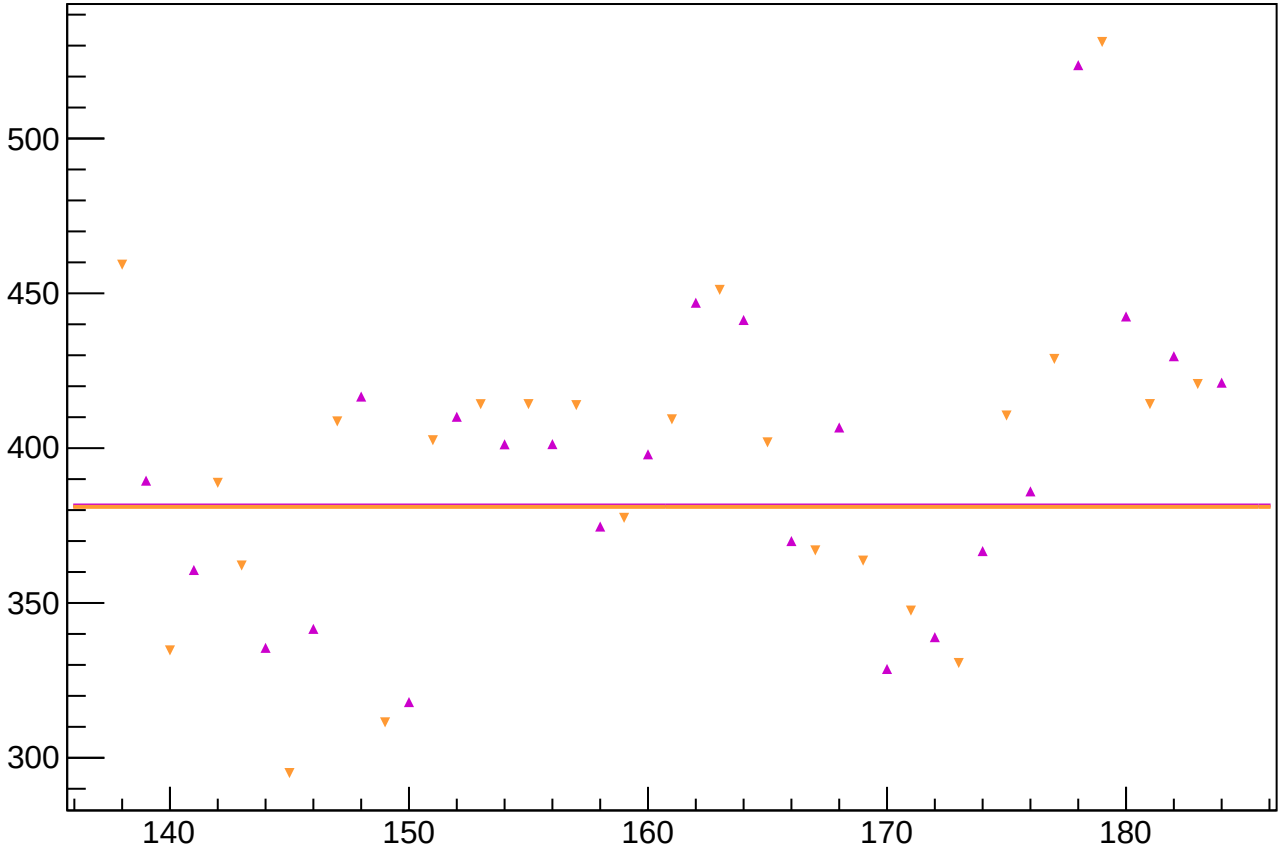
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -101.648+/-91.670 χ^2/NDF:28.1/22

Out: 355.359+/-90.673 χ^2/NDF:26.7/23

All: 129.354+/-64.465 χ^2/NDF: 67.3/46

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 381.045+/-0.064 χ^2/NDF:607060.4/23

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

Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

Left: 381.257+/-0.046 χ^2/NDF: 1068104.3/46

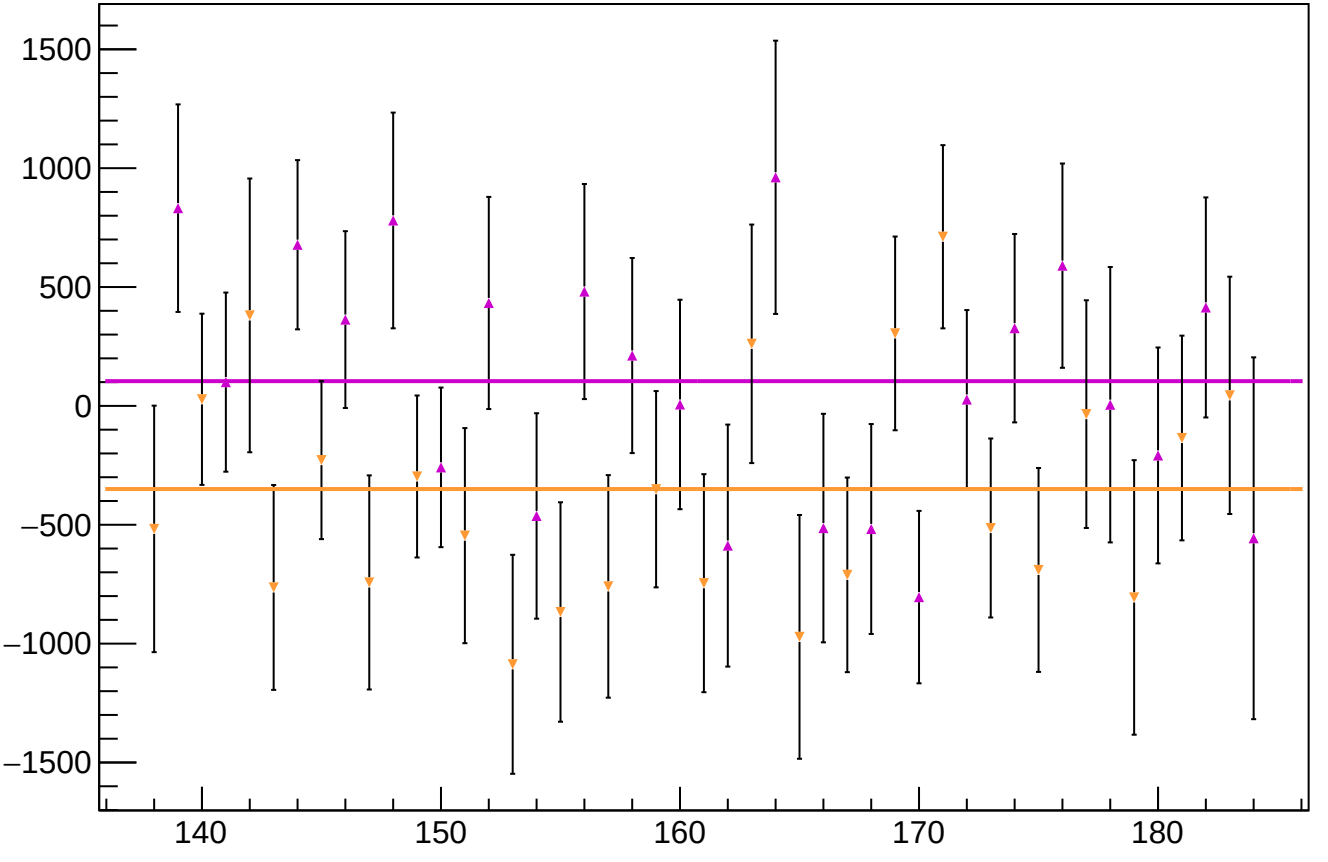
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 381.474+/-0.065 χ^2/NDF:461021.8/22

Out: 381.045+/-0.064 χ^2/NDF:607060.4/23

All: 381.257+/-0.046 χ^2/NDF: 1068104.3/46

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -349.684+/-88.501 χ^2/NDF:26.8/23

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

Left In: 104.117+/-89.613 χ^2/NDF:29.7/22

Left: -125.617+/-62.969 χ^2/NDF: 69.5/46

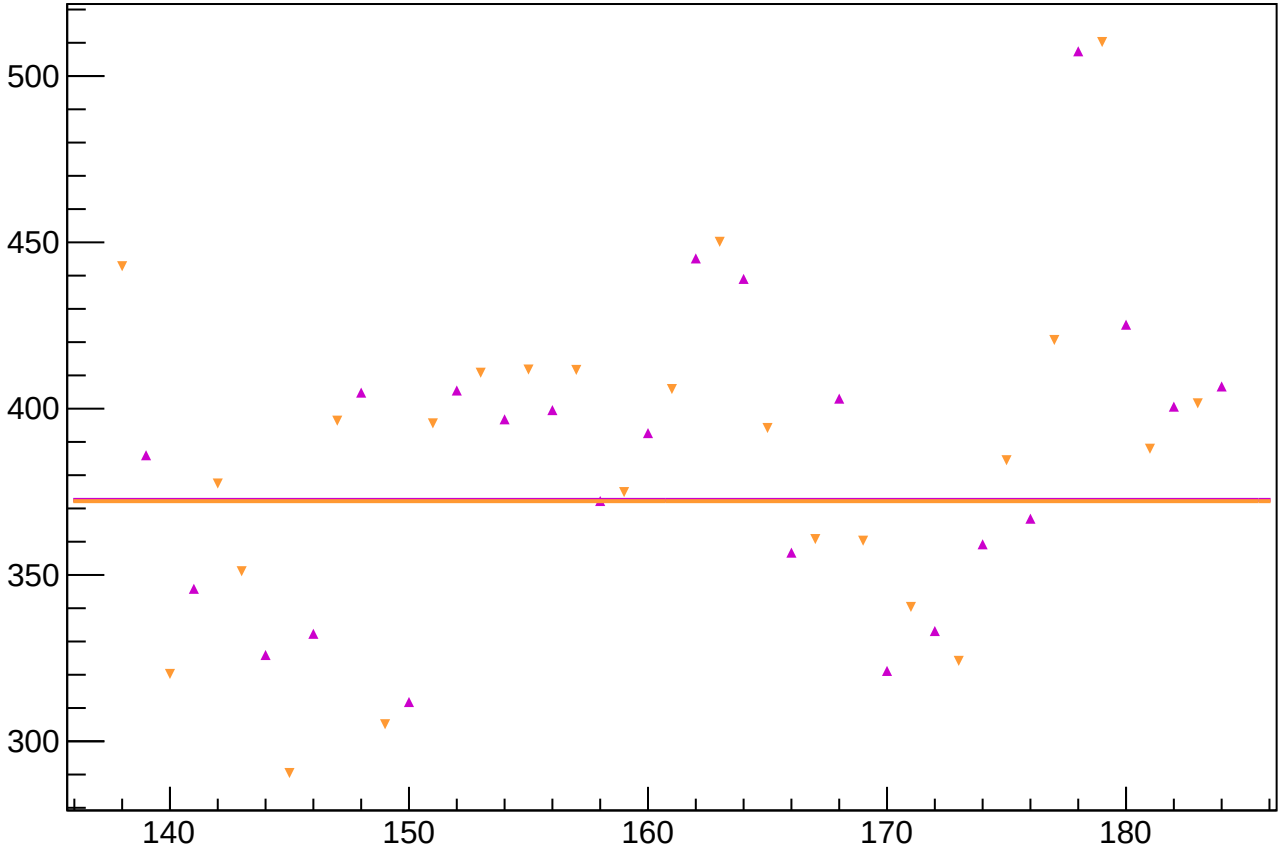
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 104.117+/-89.613 χ^2/NDF:29.7/22

Out: -349.684+/-88.501 χ^2/NDF:26.8/23

All: -125.617+/-62.969 χ^2/NDF: 69.5/46

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 372.192+/-0.063 χ^2/NDF:594600.1/23

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

Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

Left: 372.381+/-0.045 χ^2/NDF: 1059015.7/46

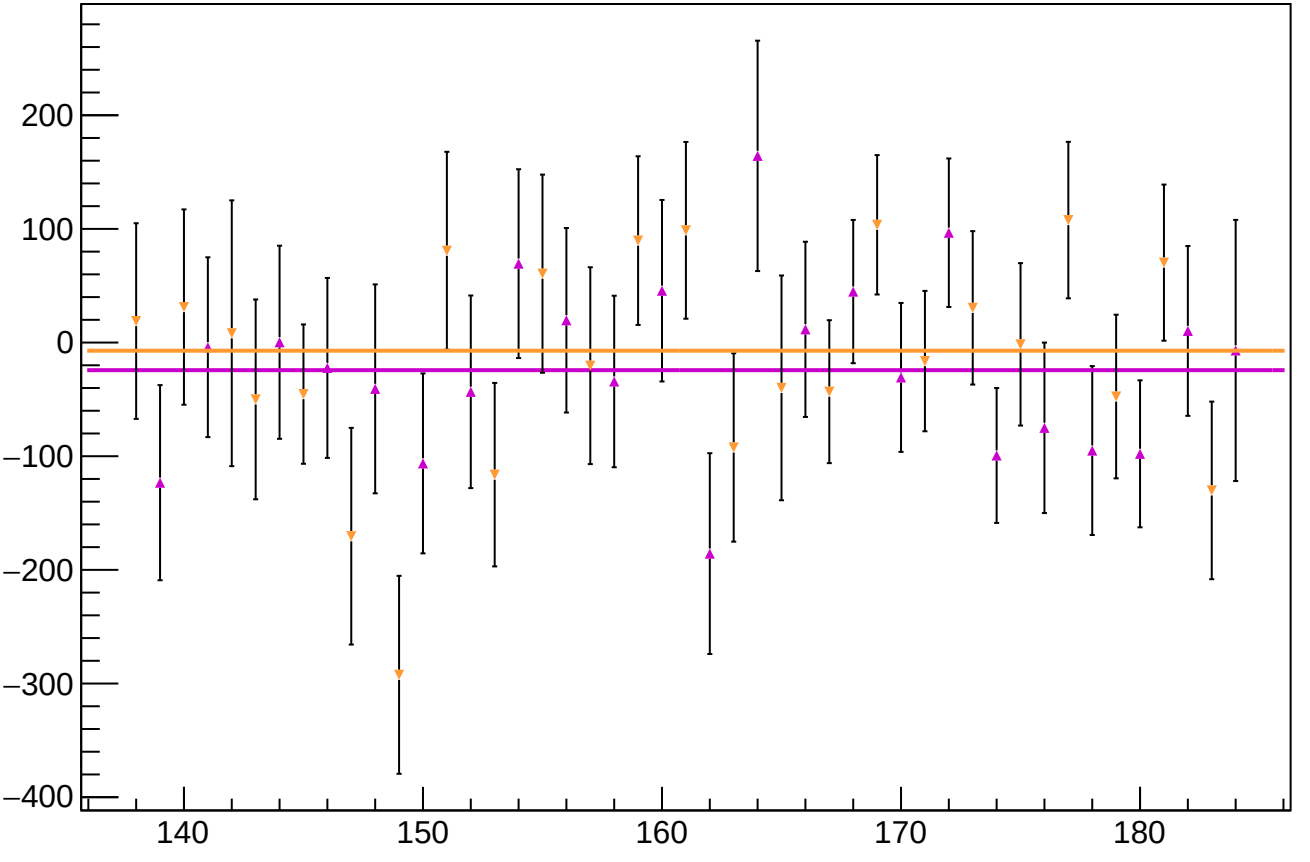
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 372.574+/-0.063 χ^2/NDF:464397.2/22

Out: 372.192+/-0.063 χ^2/NDF:594600.1/23

All: 372.381+/-0.045 χ^2/NDF: 1059015.7/46

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: -7.156+/-15.612 χ^2/NDF:33.6/23

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

Left In: -24.293+/-16.034 χ^2/NDF:21.1/22

Left: -15.496+/-11.186 χ^2/NDF: 55.3/46

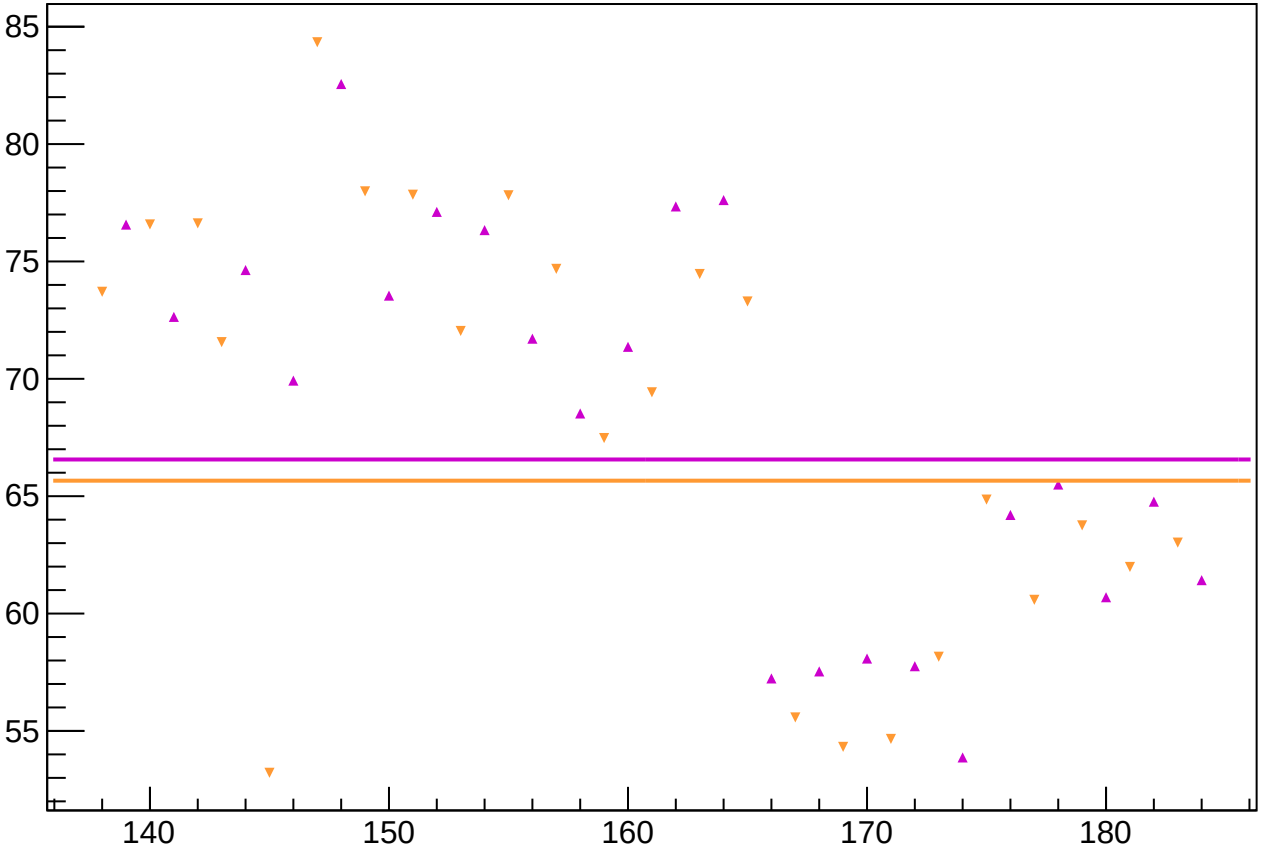
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.293+/-16.034 χ^2/NDF:21.1/22

Out: -7.156+/-15.612 χ^2/NDF:33.6/23

All: -15.496+/-11.186 χ^2/NDF: 55.3/46

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: 65.661+/-0.011 χ^2/NDF:656868.1/23

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

Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

Left: 66.100+/-0.008 χ^2/NDF: 1181423.8/46

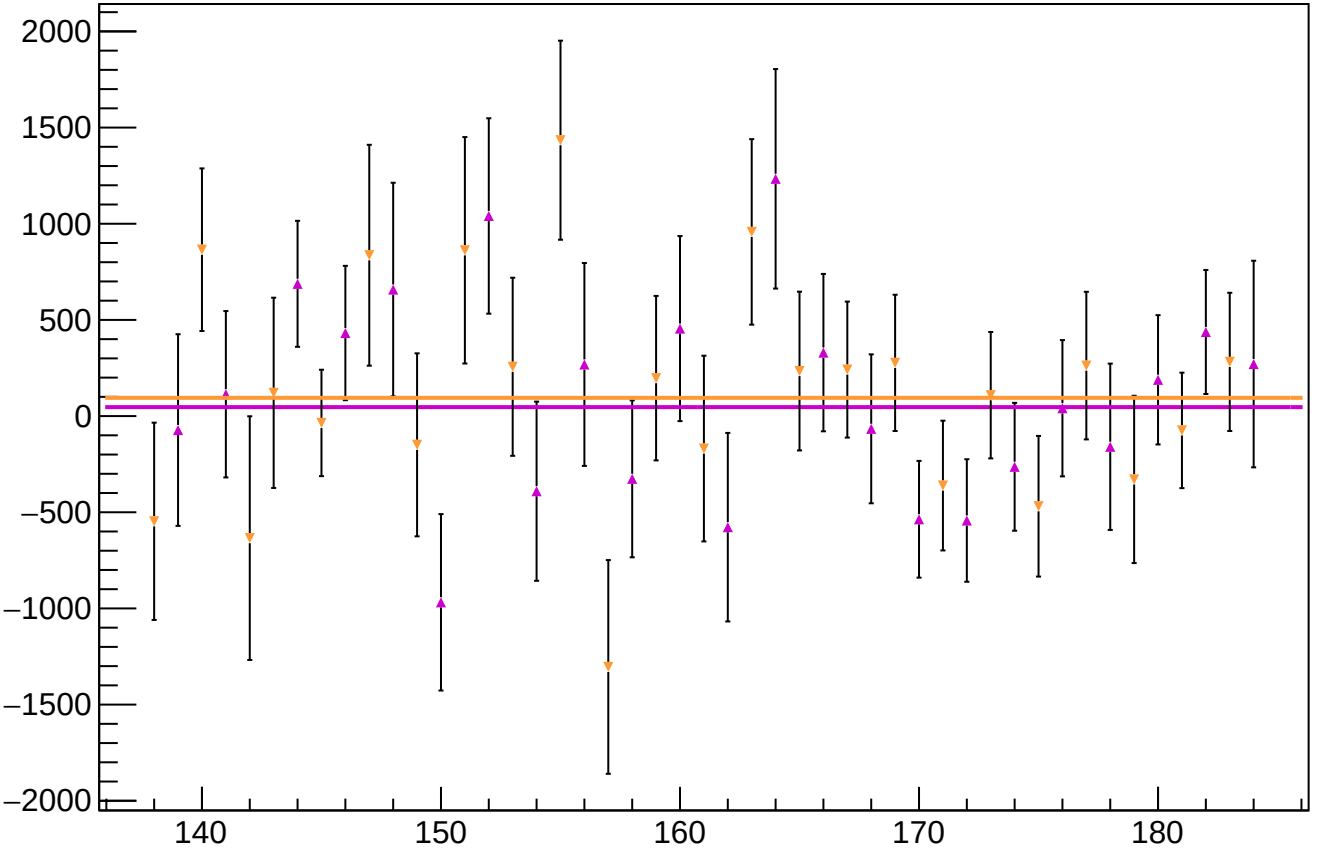
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 66.564+/-0.011 χ^2/NDF:521302.1/22

Out: 65.661+/-0.011 χ^2/NDF:656868.1/23

All: 66.100+/-0.008 χ^2/NDF: 1181423.8/46

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: 94.921+/-83.510 χ^2/NDF:33.3/23

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

Left In: 46.660+/-83.857 χ^2/NDF:34.2/22

Left: 70.891+/-59.173 χ^2/NDF: 67.7/46

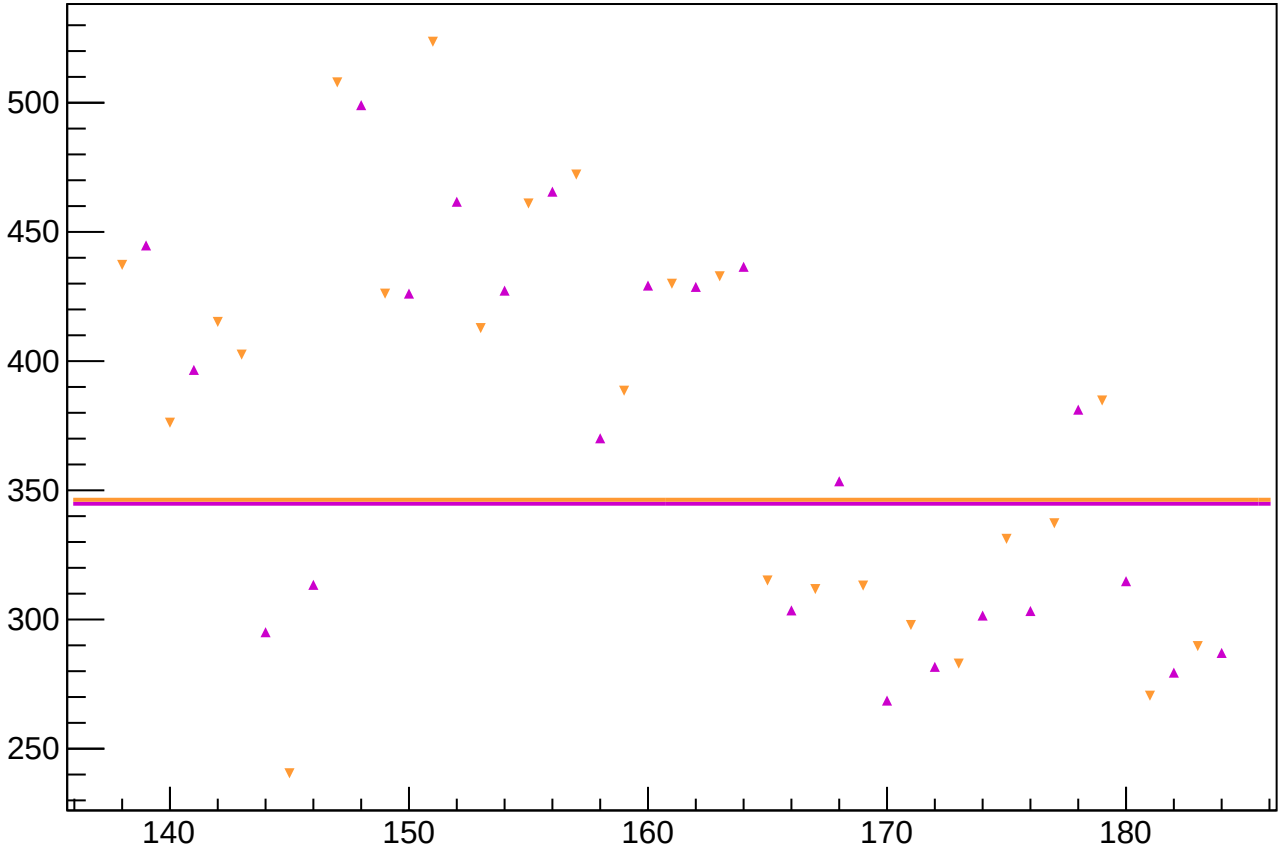
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 46.660+/-83.857 χ^2/NDF:34.2/22

Out: 94.921+/-83.510 χ^2/NDF:33.3/23

All: 70.891+/-59.173 χ^2/NDF: 67.7/46

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 346.349+/-0.059 χ^2/NDF:1558434.7/23

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

Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

Left: 345.587+/-0.042 χ^2/NDF: 2823314.4/46

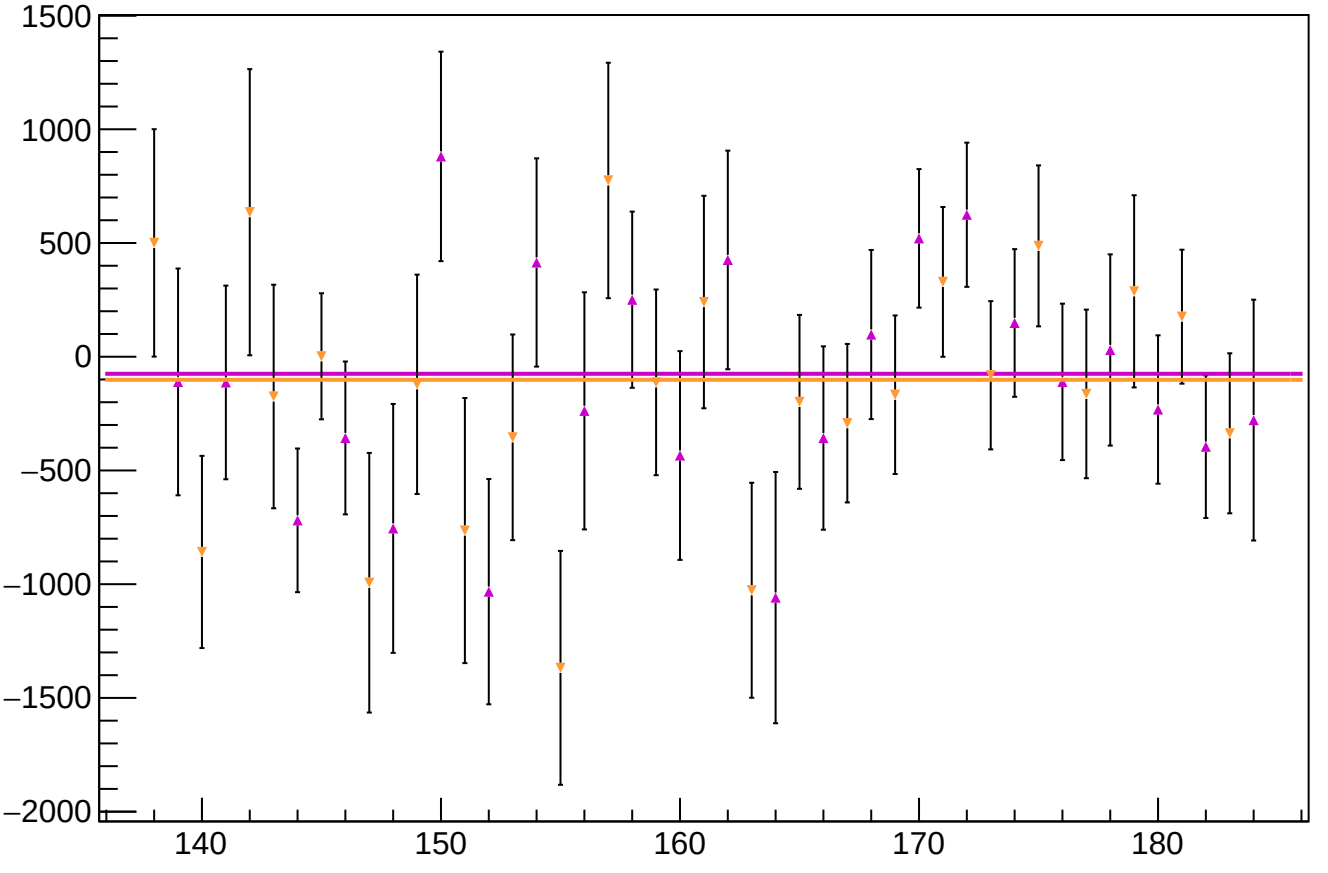
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

Out: 346.349+/-0.059 χ^2/NDF:1558434.7/23

All: 345.587+/-0.042 χ^2/NDF: 2823314.4/46

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -101.358+/-81.781 χ^2/NDF:30.6/23

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

Left In: -74.986+/-81.949 χ^2/NDF:32.7/22

Left: -88.199+/-57.887 χ^2/NDF: 63.4/46

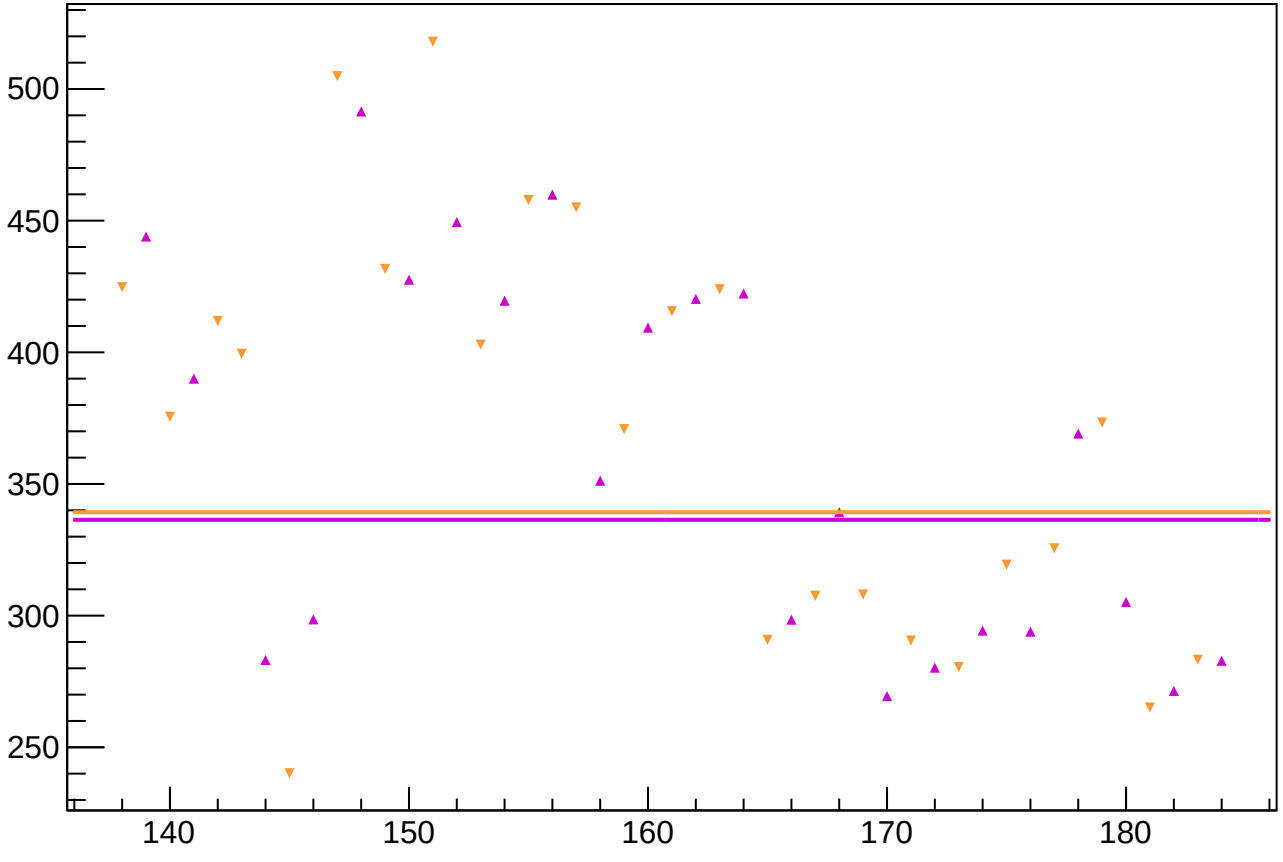
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -74.986+/-81.949 χ^2/NDF:32.7/22

Out: -101.358+/-81.781 χ^2/NDF:30.6/23

All: -88.199+/-57.887 χ^2/NDF: 63.4/46

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 339.276+/-0.058 χ^2/NDF:1564631.0/23

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

Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

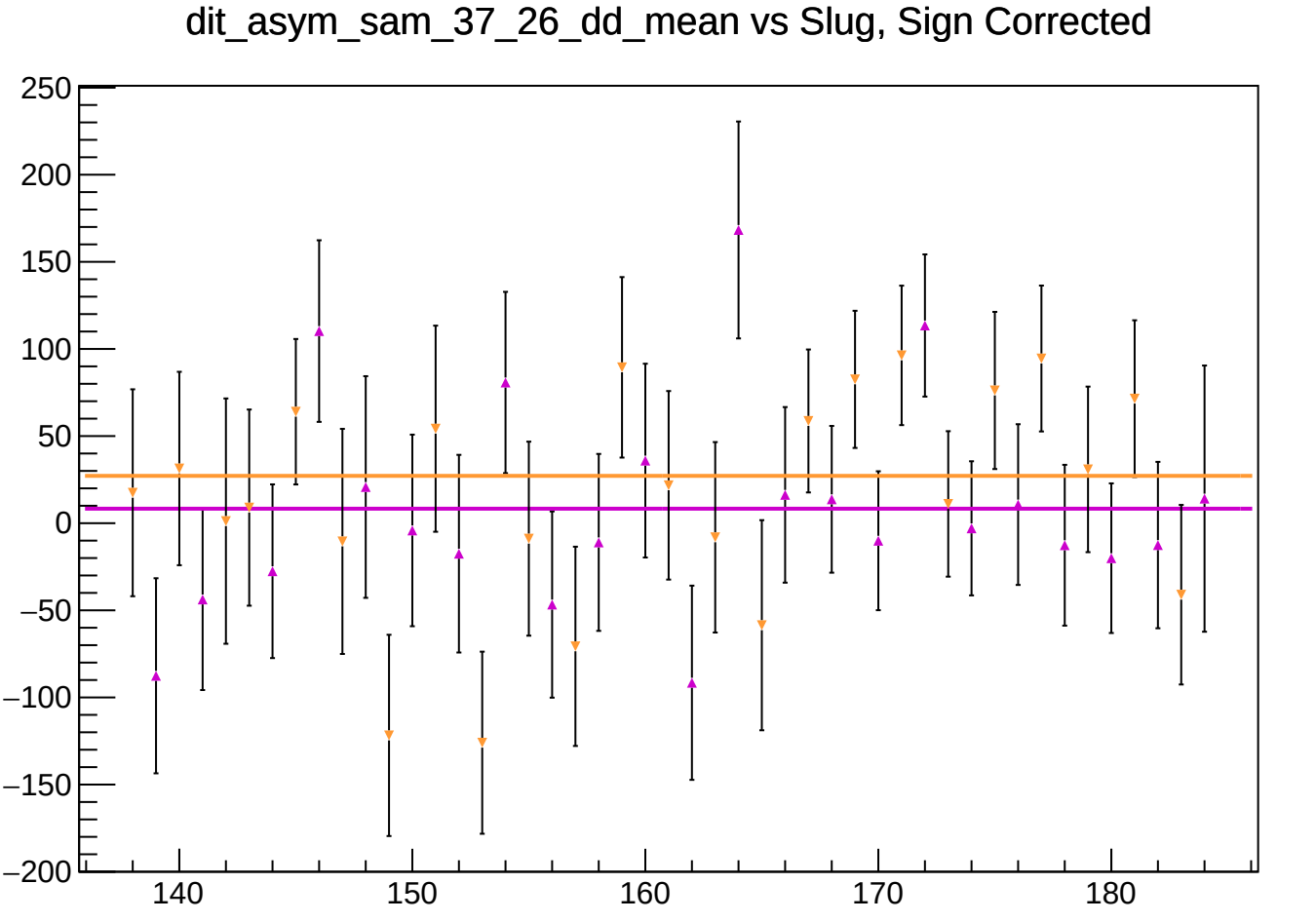
Left: 337.839+/-0.041 χ^2/NDF: 2835456.1/46

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

Out: 339.276+/-0.058 χ^2/NDF:1564631.0/23

All: 337.839+/-0.041 χ^2/NDF: 2835456.1/46



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

Left Out: 27.162+/-10.174 χ^2/NDF:36.3/23

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

Left In: 8.325+/-10.361 χ^2/NDF:29.6/22

Left: 17.914+/-7.259 χ^2/NDF: 67.6/46

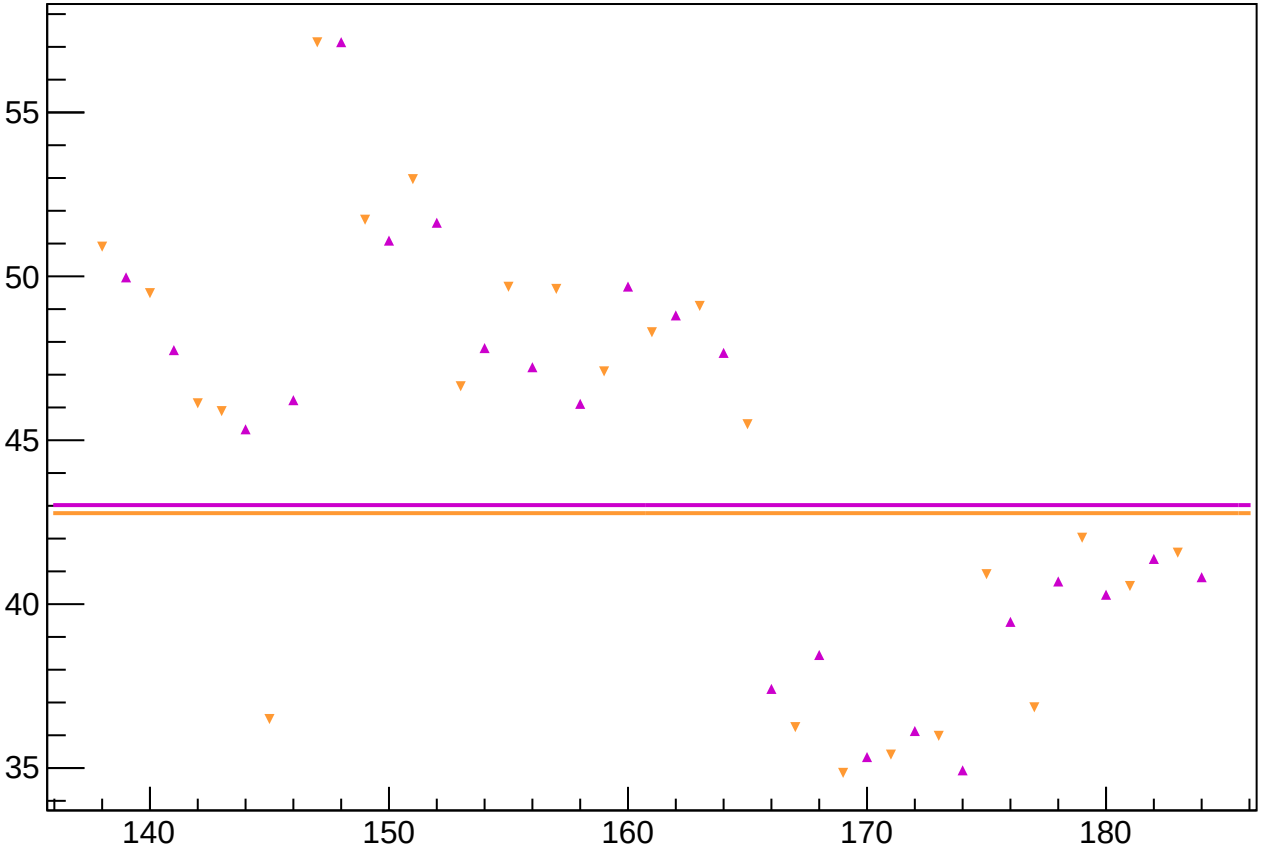
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.325+/-10.361 χ^2/NDF:29.6/22

Out: 27.162+/-10.174 χ^2/NDF:36.3/23

All: 17.914+/-7.259 χ^2/NDF: 67.6/46

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: 42.776+/-0.007 χ^2/NDF:767327.2/23

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

Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

Left: 42.896+/-0.005 χ^2/NDF: 1410497.5/46

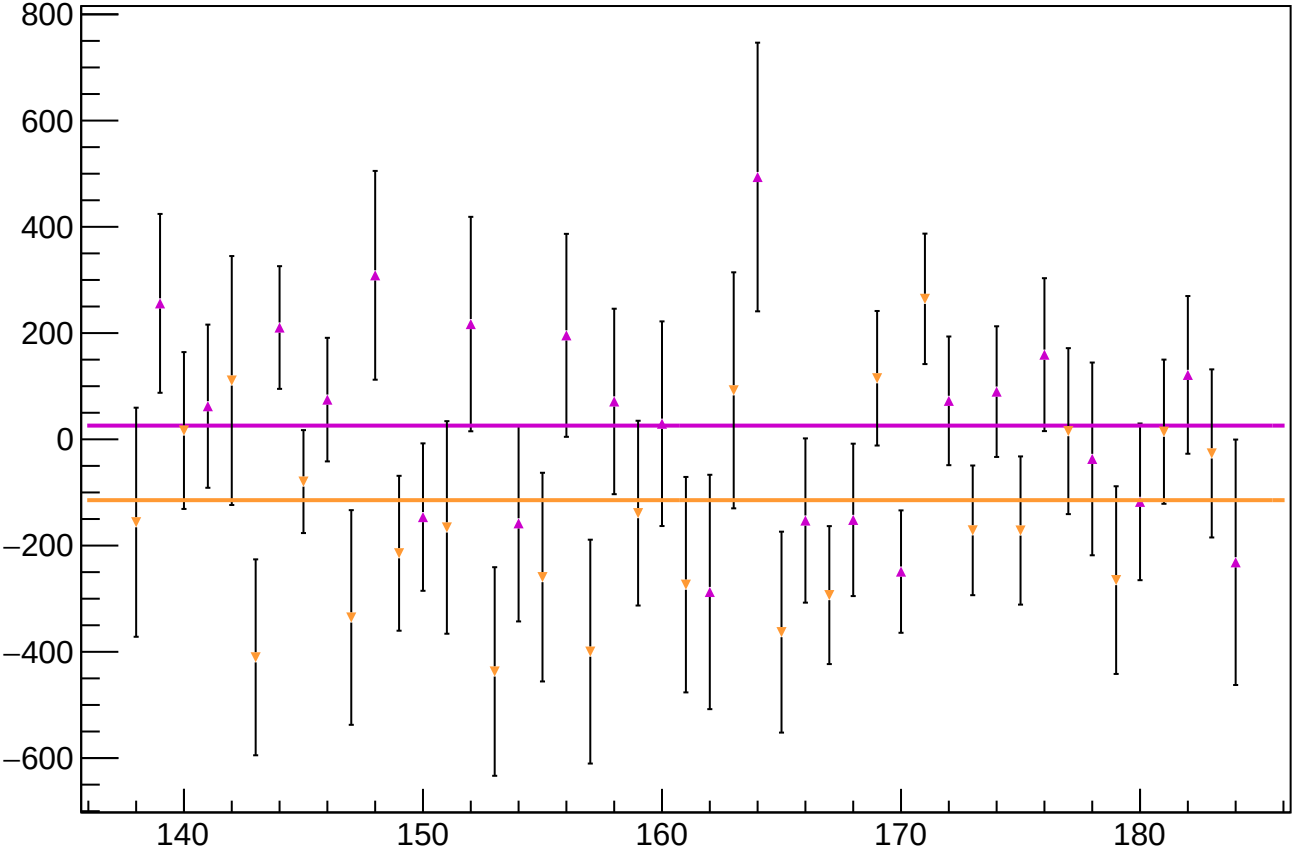
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 43.021+/-0.007 χ^2/NDF:642598.9/22

Out: 42.776+/-0.007 χ^2/NDF:767327.2/23

All: 42.896+/-0.005 χ^2/NDF: 1410497.5/46

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: -114.526+/-32.078 χ^2/NDF:32.2/23

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

Left In: 25.828+/-32.100 χ^2/NDF:29.0/22

Left: -44.397+/-22.690 χ^2/NDF: 70.8/46

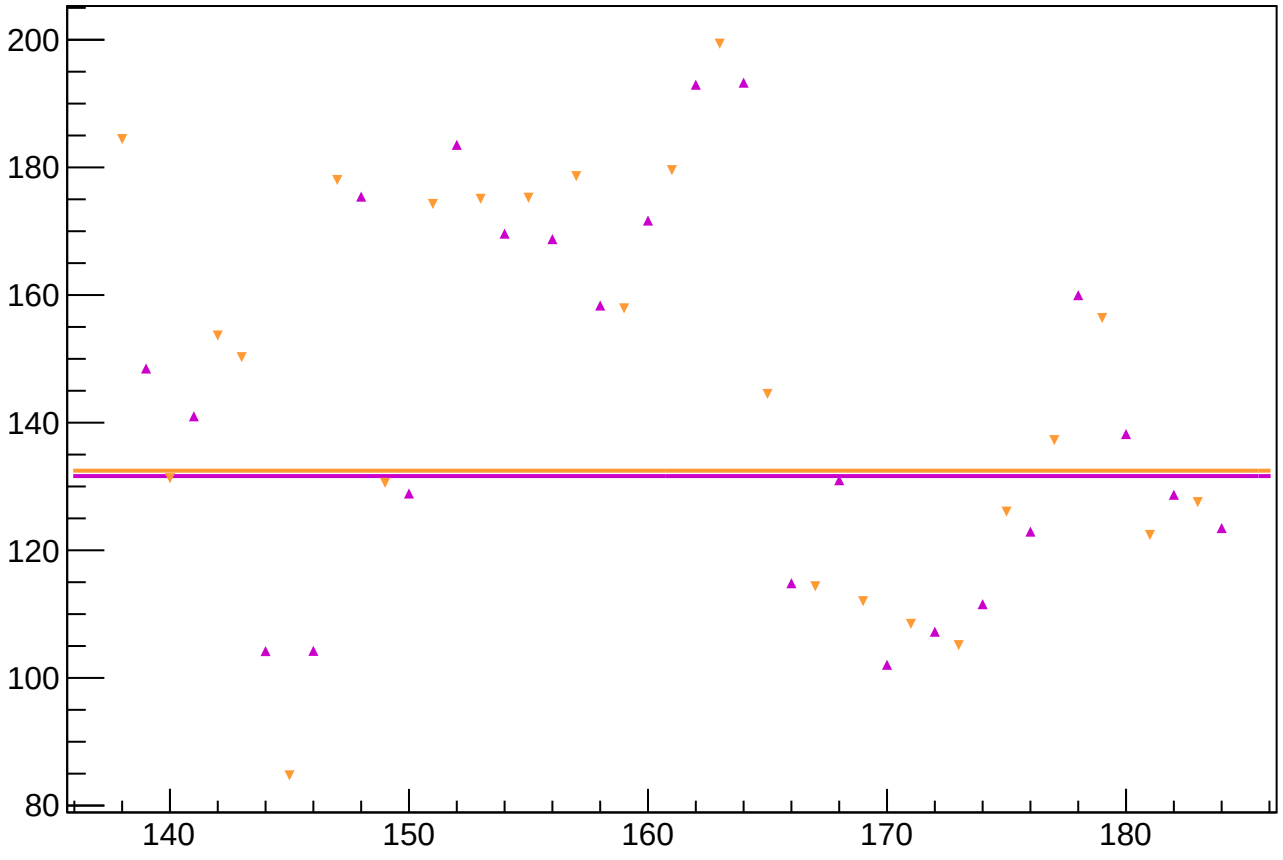
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 25.828+/-32.100 χ^2/NDF:29.0/22

Out: -114.526+/-32.078 χ^2/NDF:32.2/23

All: -44.397+/-22.690 χ^2/NDF: 70.8/46

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 132.476+/-0.023 χ^2/NDF:1774907.4/23

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

Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

Left: 132.053+/-0.016 χ^2/NDF: 3179296.5/46

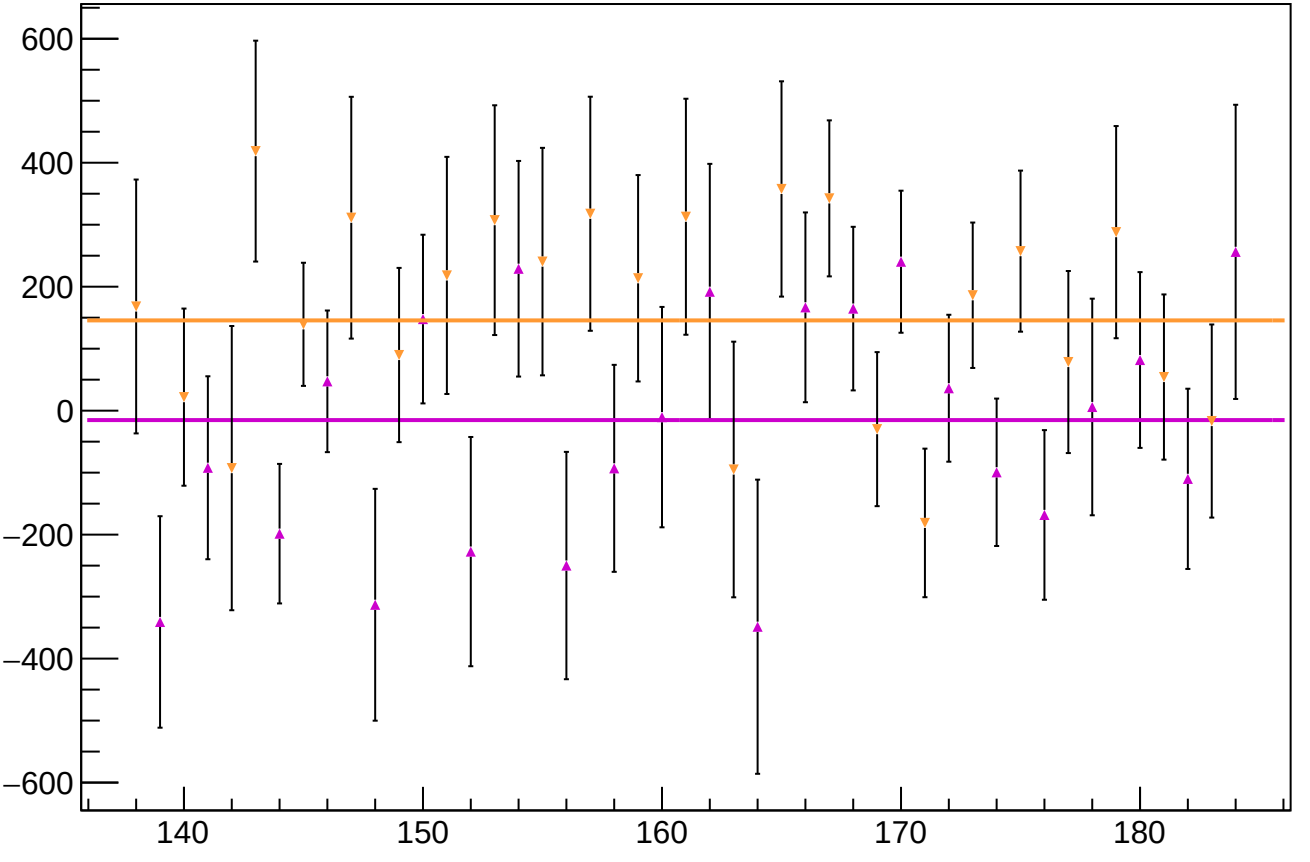
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

Out: 132.476+/-0.023 χ^2/NDF:1774907.4/23

All: 132.053+/-0.016 χ^2/NDF: 3179296.5/46

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 145.618+/-30.955 χ^2/NDF:26.1/23

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

Left In: -15.199+/-31.033 χ^2/NDF:31.4/22

Left: 65.413+/-21.916 χ^2/NDF: 70.9/46

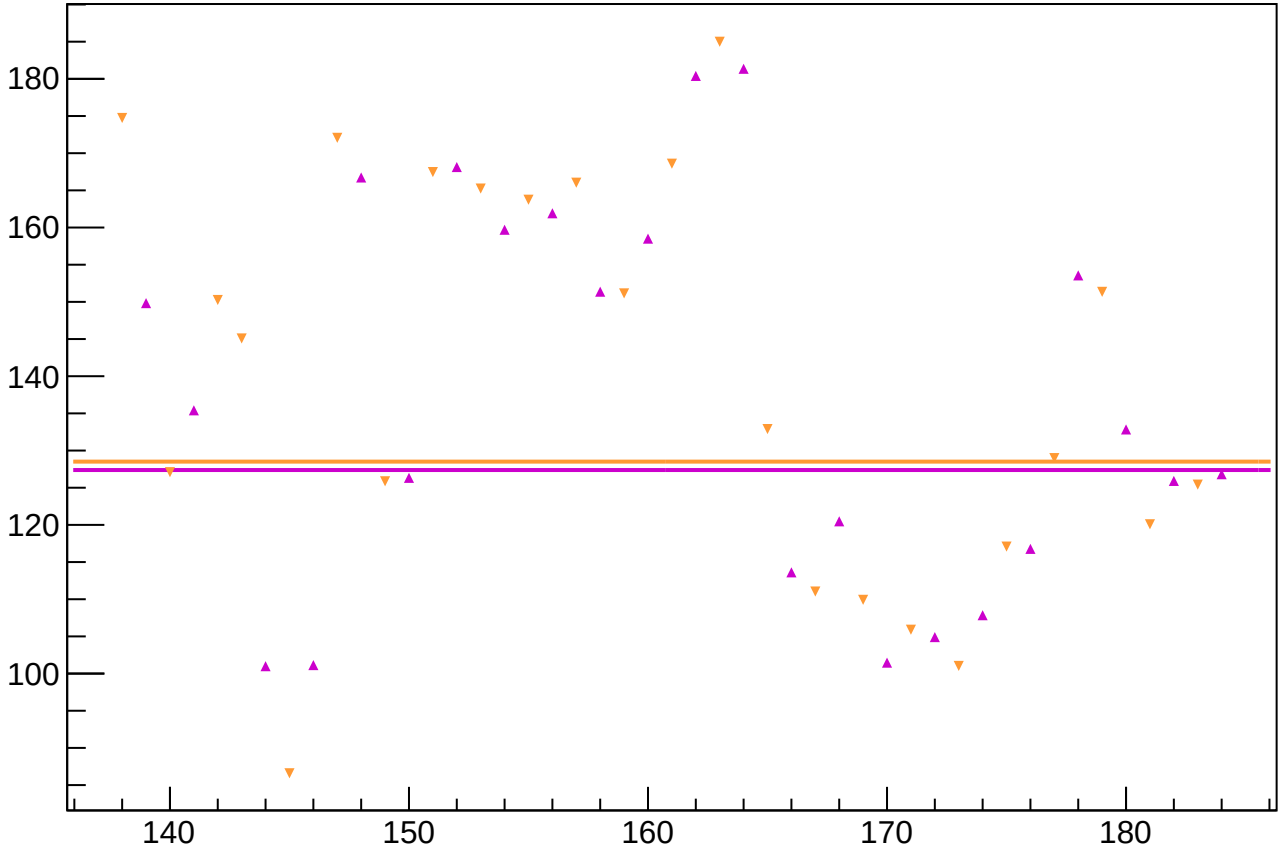
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.199+/-31.033 χ^2/NDF:31.4/22

Out: 145.618+/-30.955 χ^2/NDF:26.1/23

All: 65.413+/-21.916 χ^2/NDF: 70.9/46

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 128.512+/-0.022 χ^2/NDF:1509448.9/23

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

Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

Left: 127.947+/-0.015 χ^2/NDF: 2740683.0/46

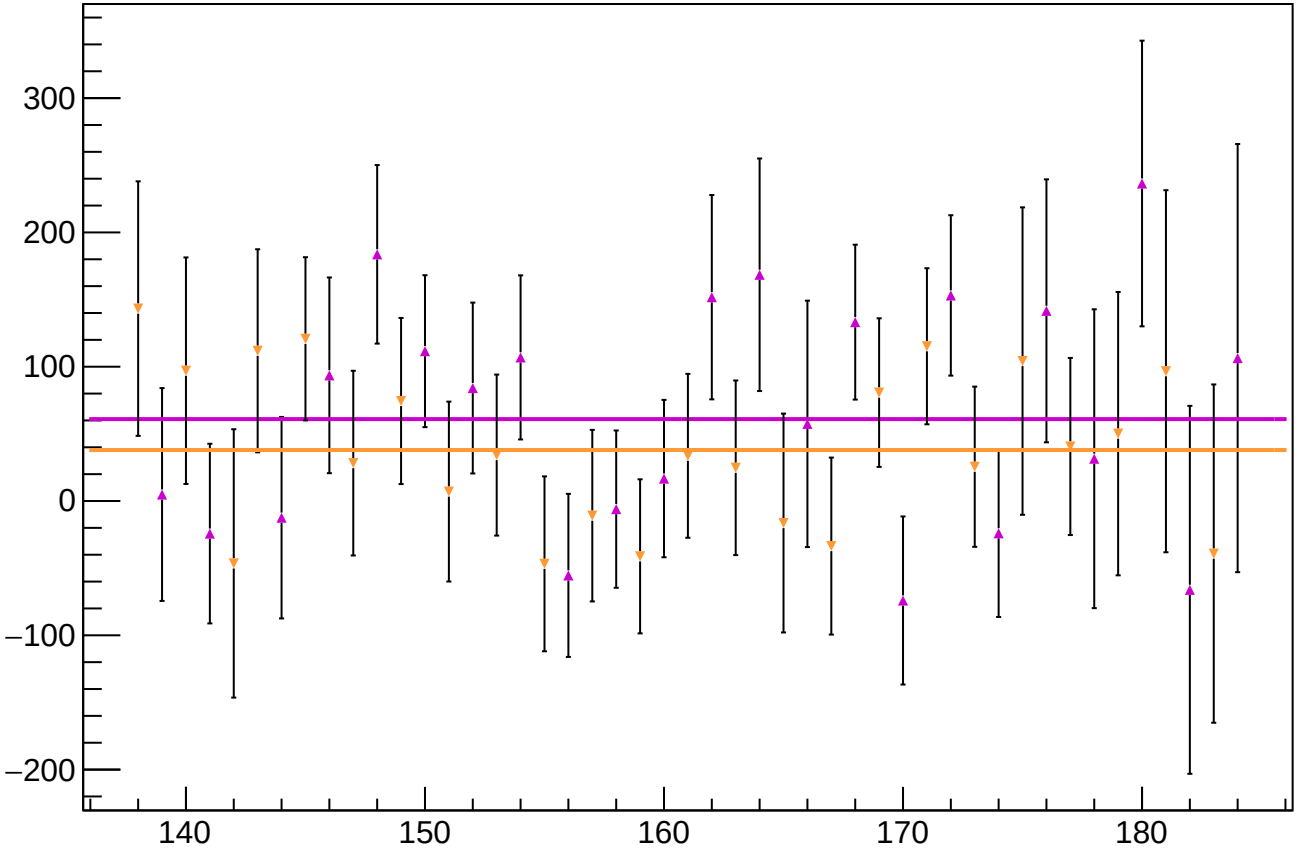
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

Out: 128.512+/-0.022 χ^2/NDF:1509448.9/23

All: 127.947+/-0.015 χ^2/NDF: 2740683.0/46

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 37.958+/-14.344 χ^2/NDF:15.0/23

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

Left In: 60.992+/-14.839 χ^2/NDF:31.6/22

Left: 49.084+/-10.313 χ^2/NDF: 47.8/46

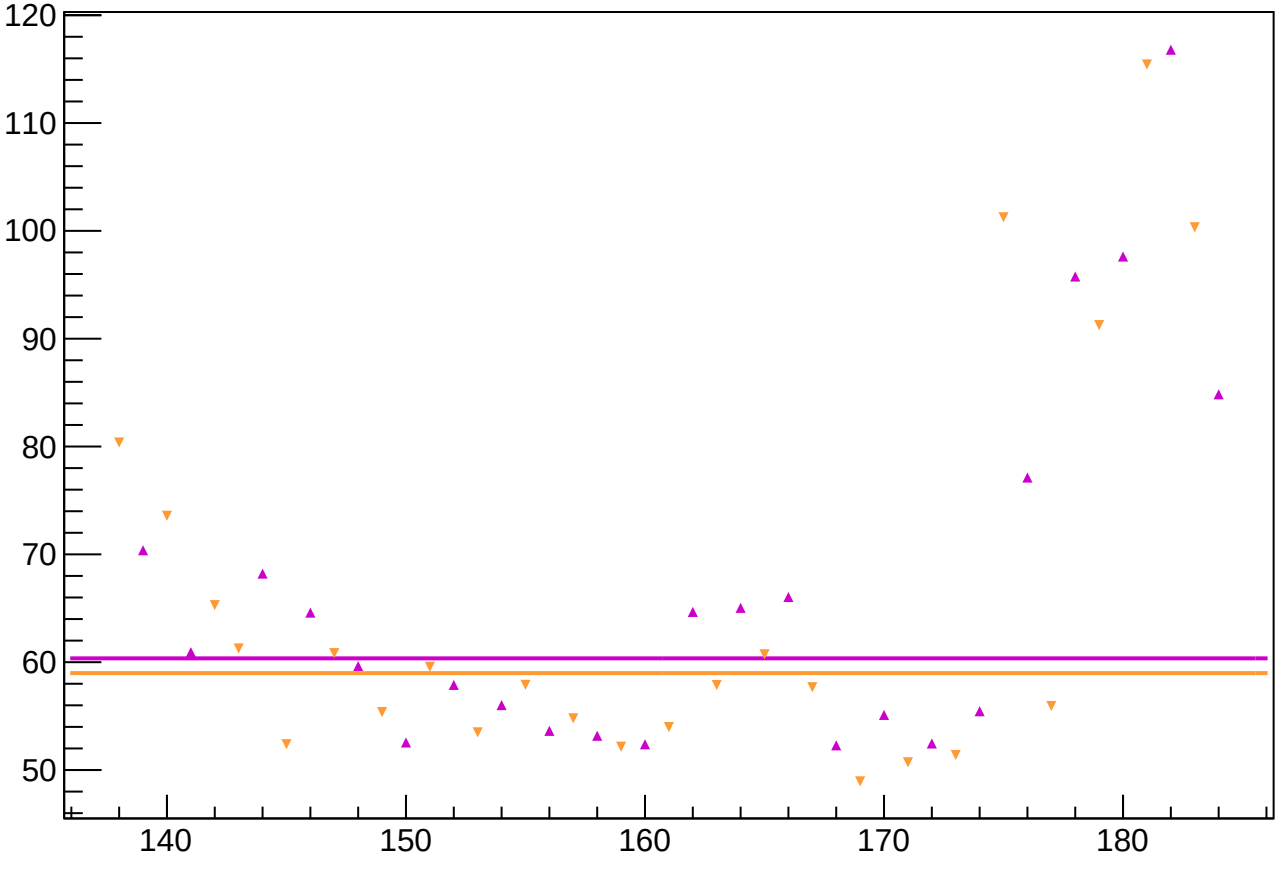
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.992+/-14.839 χ^2/NDF:31.6/22

Out: 37.958+/-14.344 χ^2/NDF:15.0/23

All: 49.084+/-10.313 χ^2/NDF: 47.8/46

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 58.987+/-0.010 χ^2/NDF:1442615.7/23

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

Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

Left: 59.648+/-0.007 χ^2/NDF: 2669071.6/46

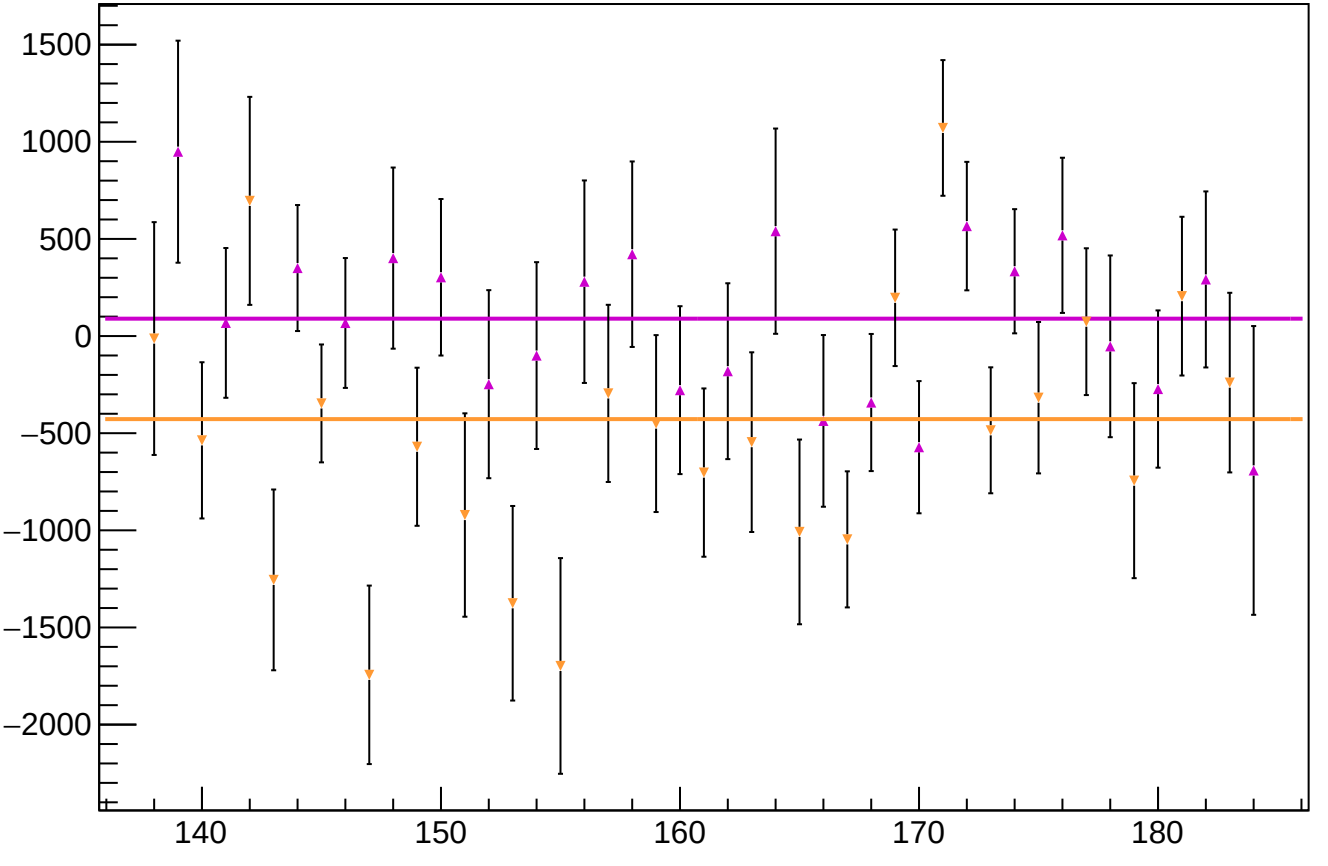
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

Out: 58.987+/-0.010 χ^2/NDF:1442615.7/23

All: 59.648+/-0.007 χ^2/NDF: 2669071.6/46

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -427.537+/-85.792 χ^2/NDF:57.8/23

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

Left In: 89.505+/-86.438 χ^2/NDF:19.4/22

Left: -170.956+/-60.891 χ^2/NDF: 95.3/46

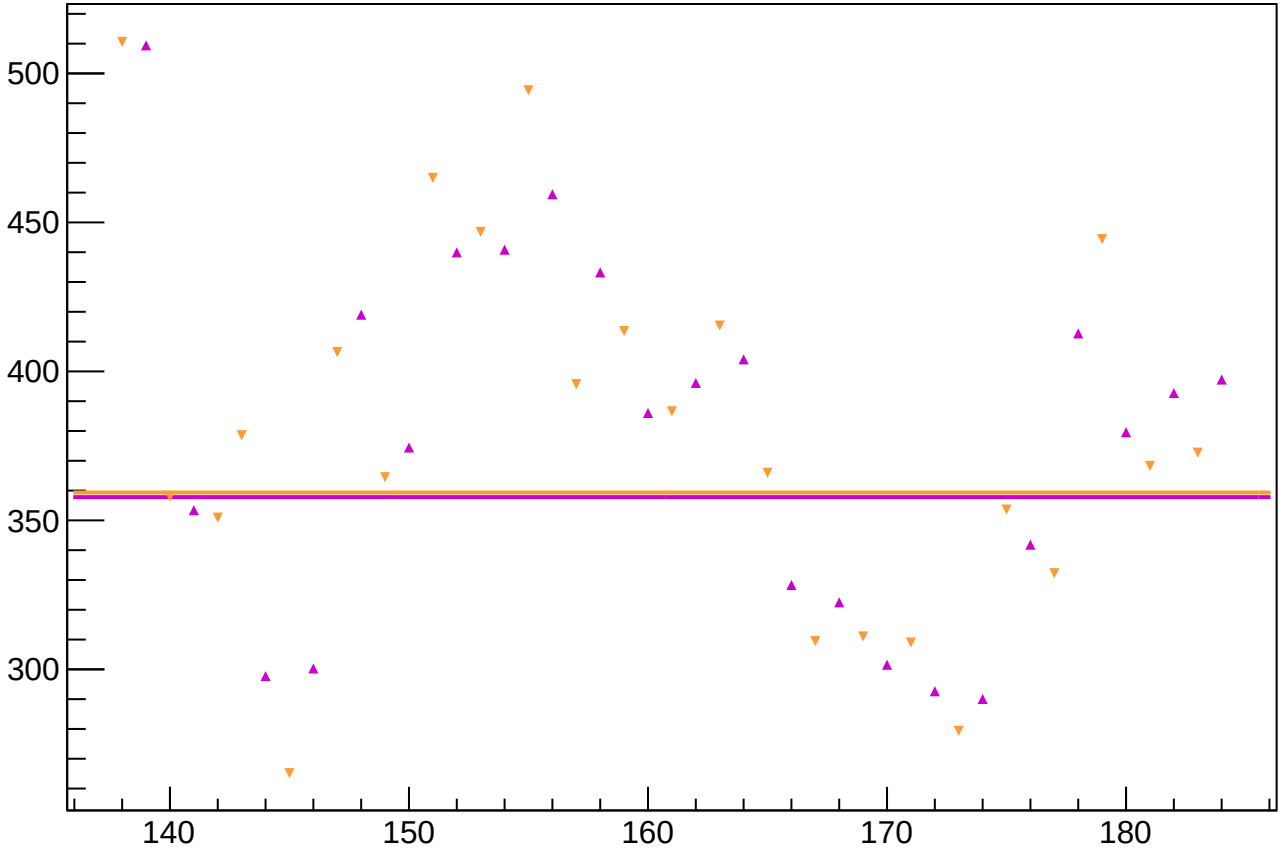
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 89.505+/-86.438 χ^2/NDF:19.4/22

Out: -427.537+/-85.792 χ^2/NDF:57.8/23

All: -170.956+/-60.891 χ^2/NDF: 95.3/46

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 359.365+/-0.061 χ^2/NDF:997185.9/23

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

Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

Left: 358.589+/-0.043 χ^2/NDF: 1890845.8/46

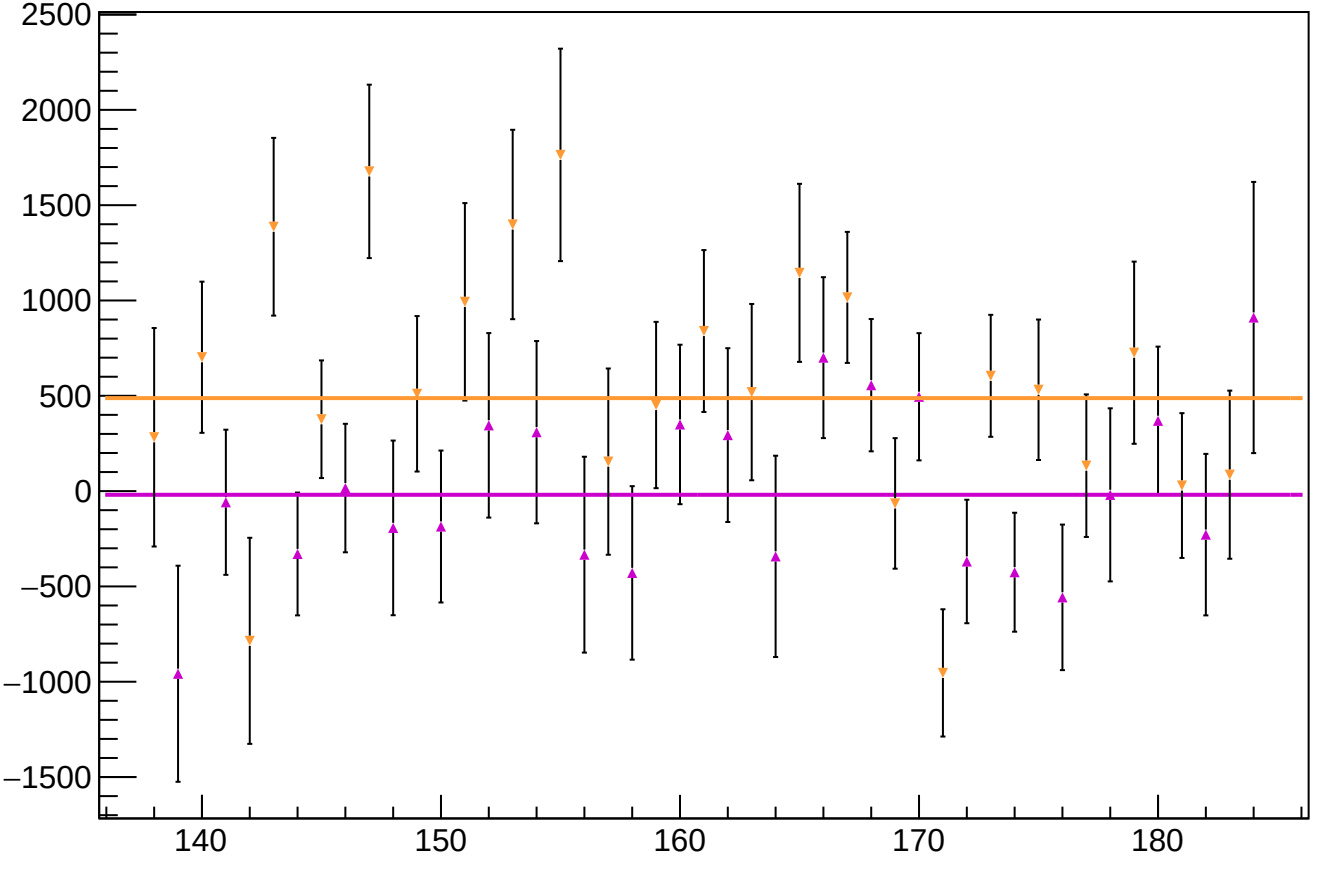
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 357.802+/-0.061 χ^2/NDF:893330.5/22

Out: 359.365+/-0.061 χ^2/NDF:997185.9/23

All: 358.589+/-0.043 χ^2/NDF: 1890845.8/46

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 487.856+/-84.293 χ^2/NDF:56.6/23

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

Left In: -19.328+/-84.679 χ^2/NDF:23.7/22

Left: 235.423+/-59.740 χ^2/NDF: 98.3/46

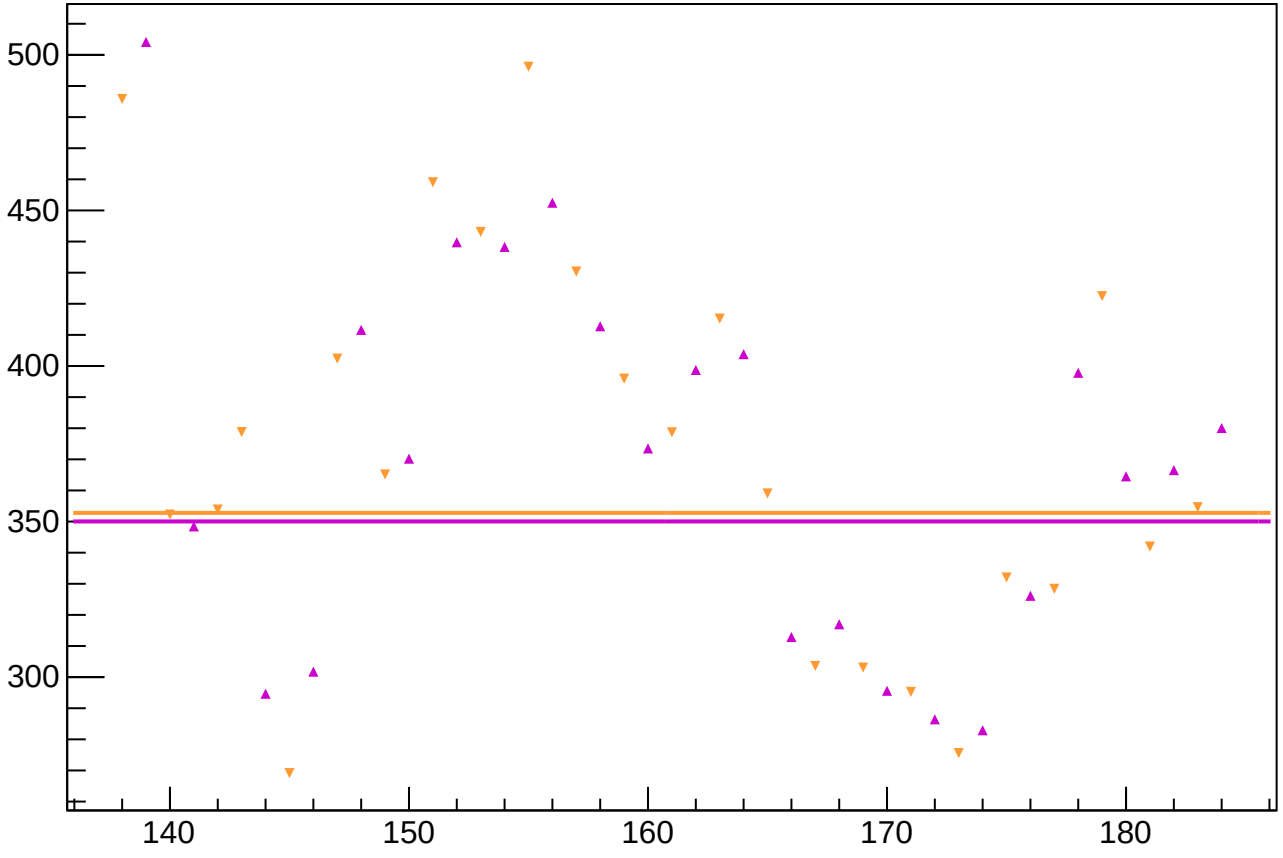
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.328+/-84.679 χ^2/NDF:23.7/22

Out: 487.856+/-84.293 χ^2/NDF:56.6/23

All: 235.423+/-59.740 χ^2/NDF: 98.3/46

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 352.796+/-0.060 χ^2/NDF:1001579.5/23

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

Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

Left: 351.423+/-0.042 χ^2/NDF: 1892081.5/46

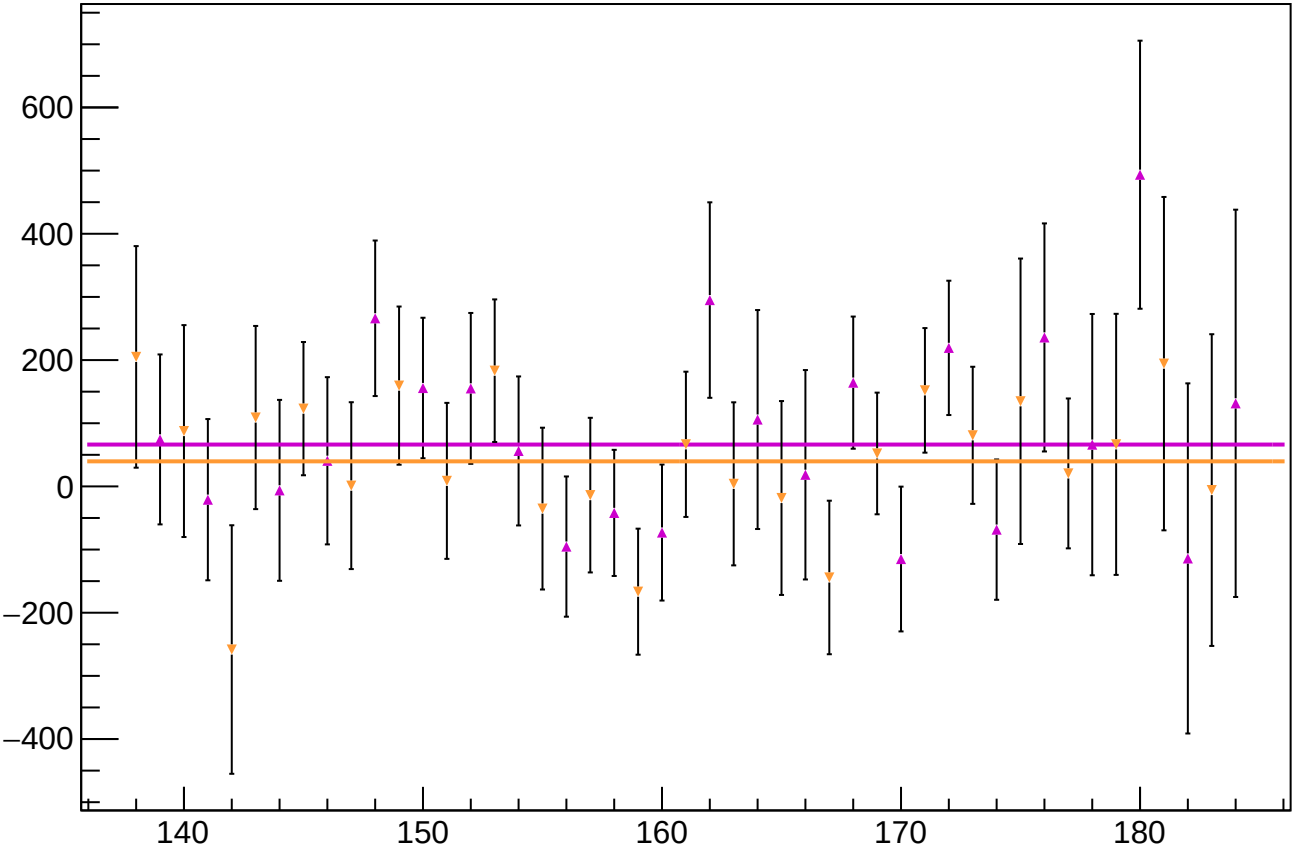
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 350.037+/-0.060 χ^2/NDF:889435.7/22

Out: 352.796+/-0.060 χ^2/NDF:1001579.5/23

All: 351.423+/-0.042 χ^2/NDF: 1892081.5/46

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 39.673+/-26.625 χ^2/NDF:16.2/23

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

Left In: 66.254+/-27.450 χ^2/NDF:24.2/22

Left: 52.558+/-19.112 χ^2/NDF: 40.9/46

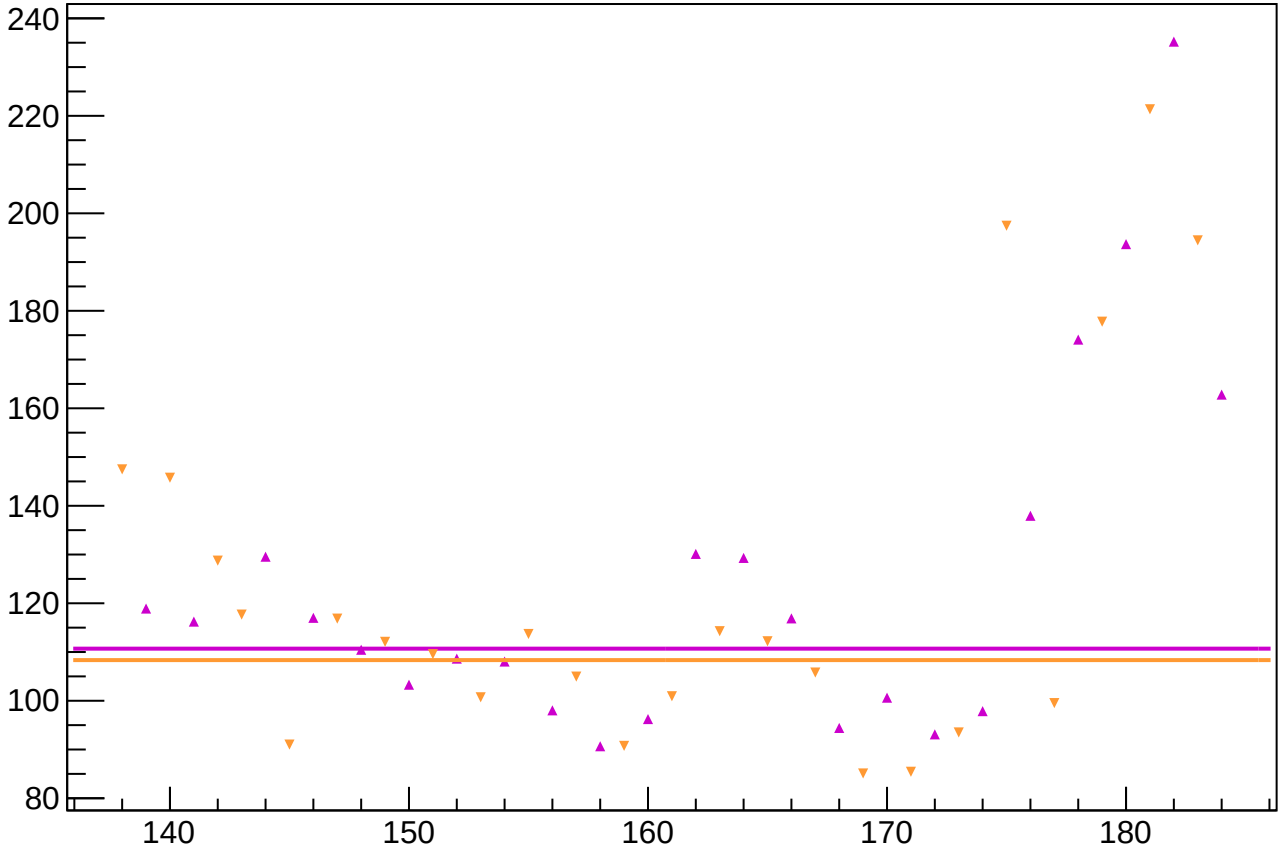
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 66.254+/-27.450 χ^2/NDF:24.2/22

Out: 39.673+/-26.625 χ^2/NDF:16.2/23

All: 52.558+/-19.112 χ^2/NDF: 40.9/46

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 108.342+/-0.019 χ^2/NDF:1804003.8/23

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

Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

Left: 109.481+/-0.014 χ^2/NDF: 3218135.5/46

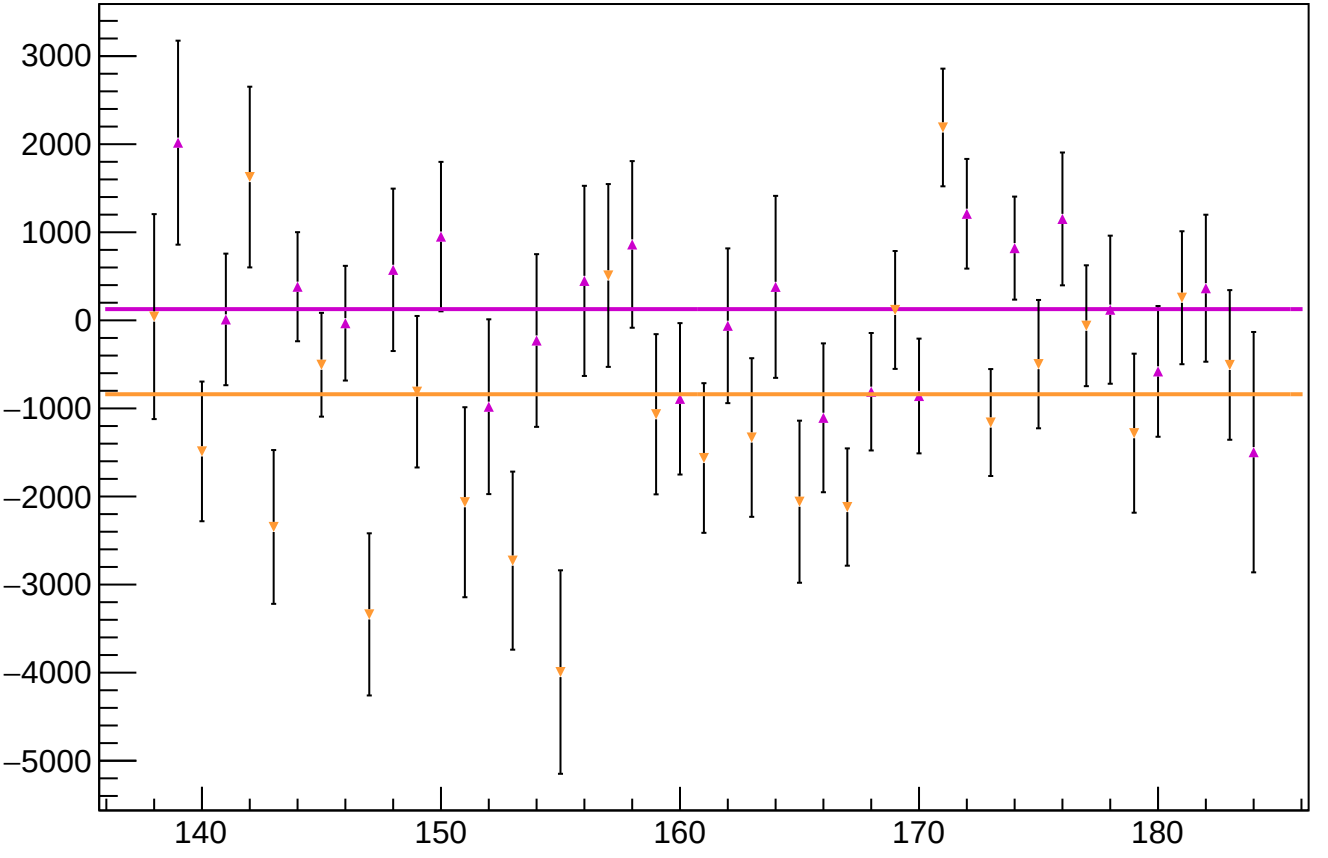
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

Out: 108.342+/-0.019 χ^2/NDF:1804003.8/23

All: 109.481+/-0.014 χ^2/NDF: 3218135.5/46

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -838.945+/-165.878 χ^2/NDF:65.1/23

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

Left In: 127.427+/-166.308 χ^2/NDF:22.8/22

Left: -357.010+/-117.445 χ^2/NDF: 104.7/46

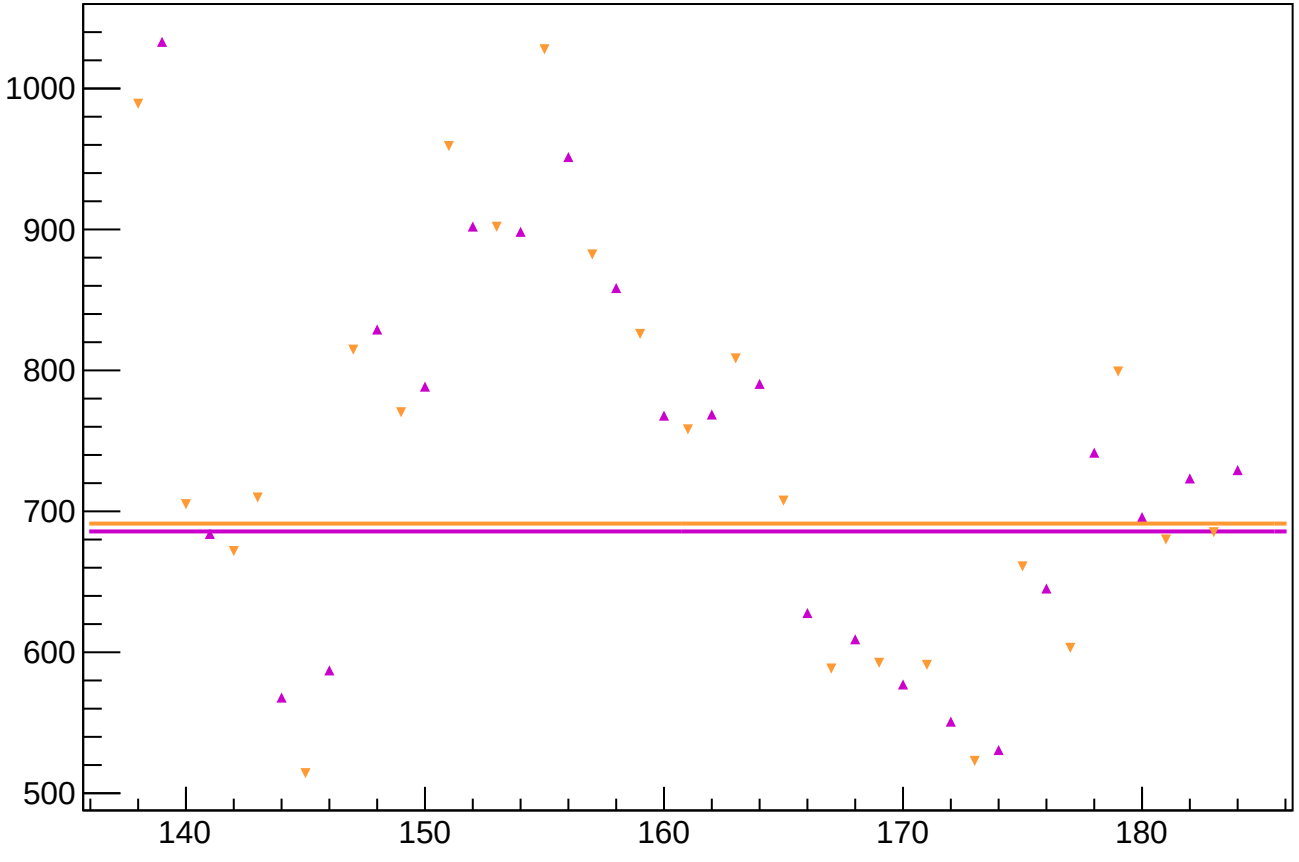
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 127.427+/-166.308 χ^2/NDF:22.8/22

Out: -838.945+/-165.878 χ^2/NDF:65.1/23

All: -357.010+/-117.445 χ^2/NDF: 104.7/46

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 691.322+/-0.117 χ^2/NDF:1260775.9/23

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

Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

Left: 688.535+/-0.083 χ^2/NDF: 2418171.7/46

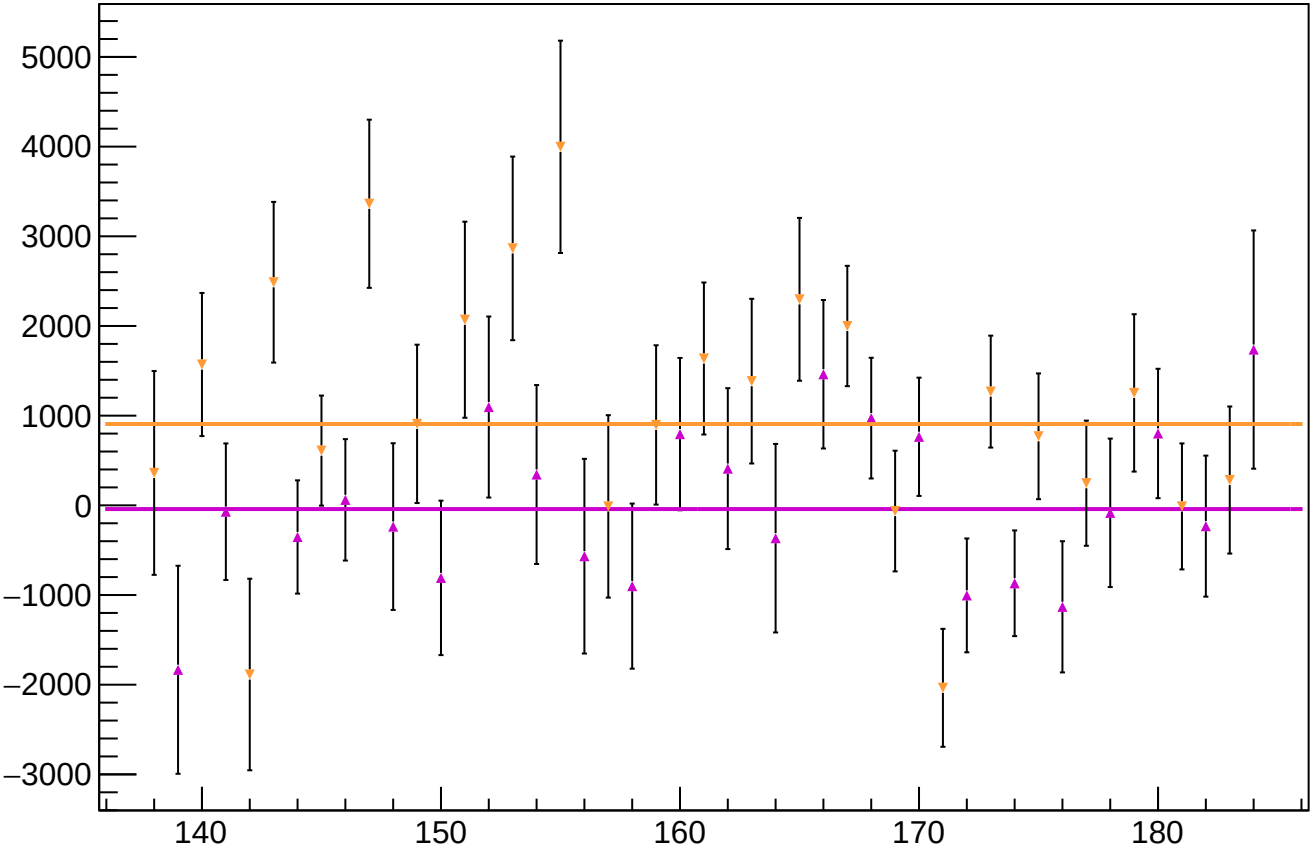
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

Out: 691.322+/-0.117 χ^2/NDF:1260775.9/23

All: 688.535+/-0.083 χ^2/NDF: 2418171.7/46

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 906.761+/-166.021 χ^2/NDF:62.2/23

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

Left In: -41.522+/-166.728 χ^2/NDF:24.1/22

Left: 434.633+/-117.644 χ^2/NDF: 102.6/46

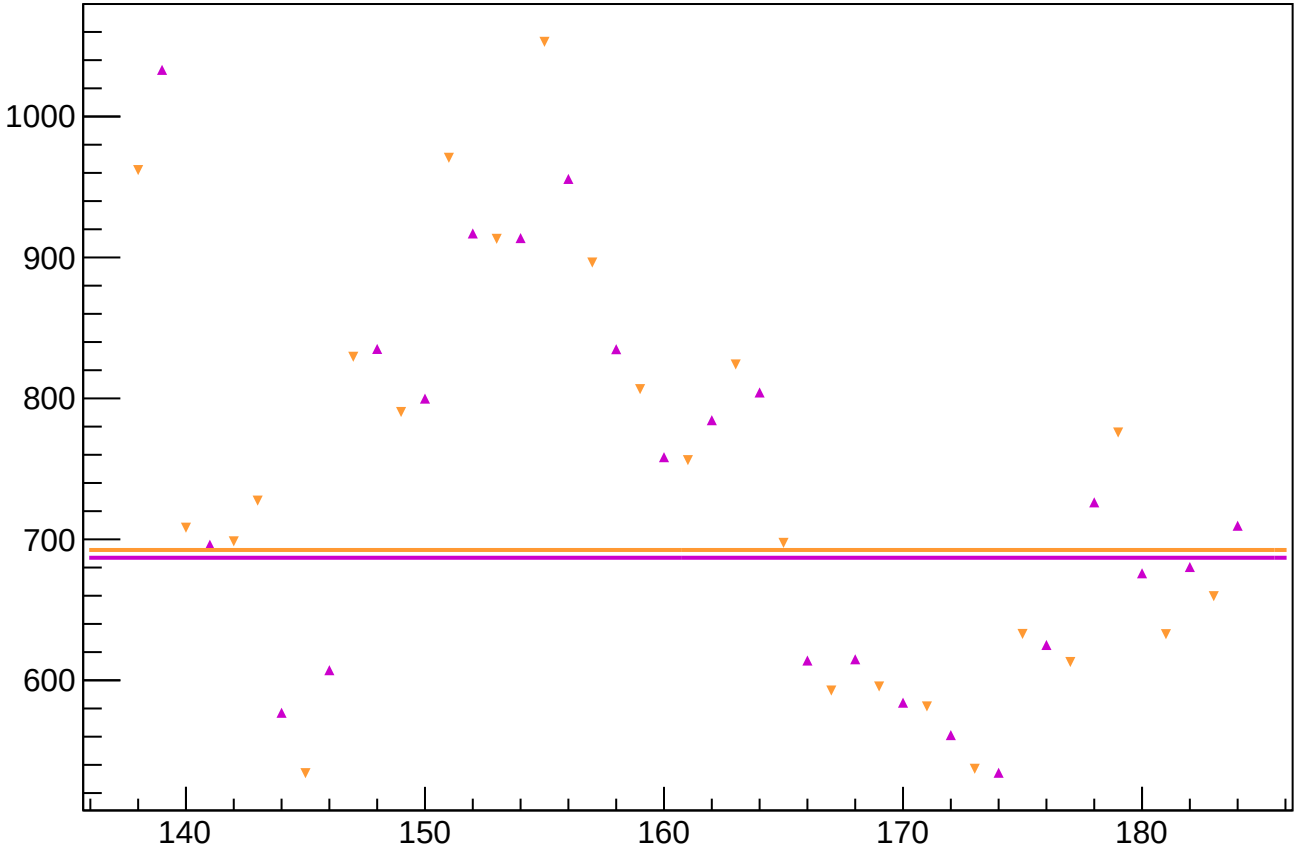
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -41.522+/-166.728 χ^2/NDF:24.1/22

Out: 906.761+/-166.021 χ^2/NDF:62.2/23

All: 434.633+/-117.644 χ^2/NDF: 102.6/46

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 692.465+/-0.117 χ^2/NDF:1233439.4/23

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

Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

Left: 689.716+/-0.083 χ^2/NDF: 2350583.3/46

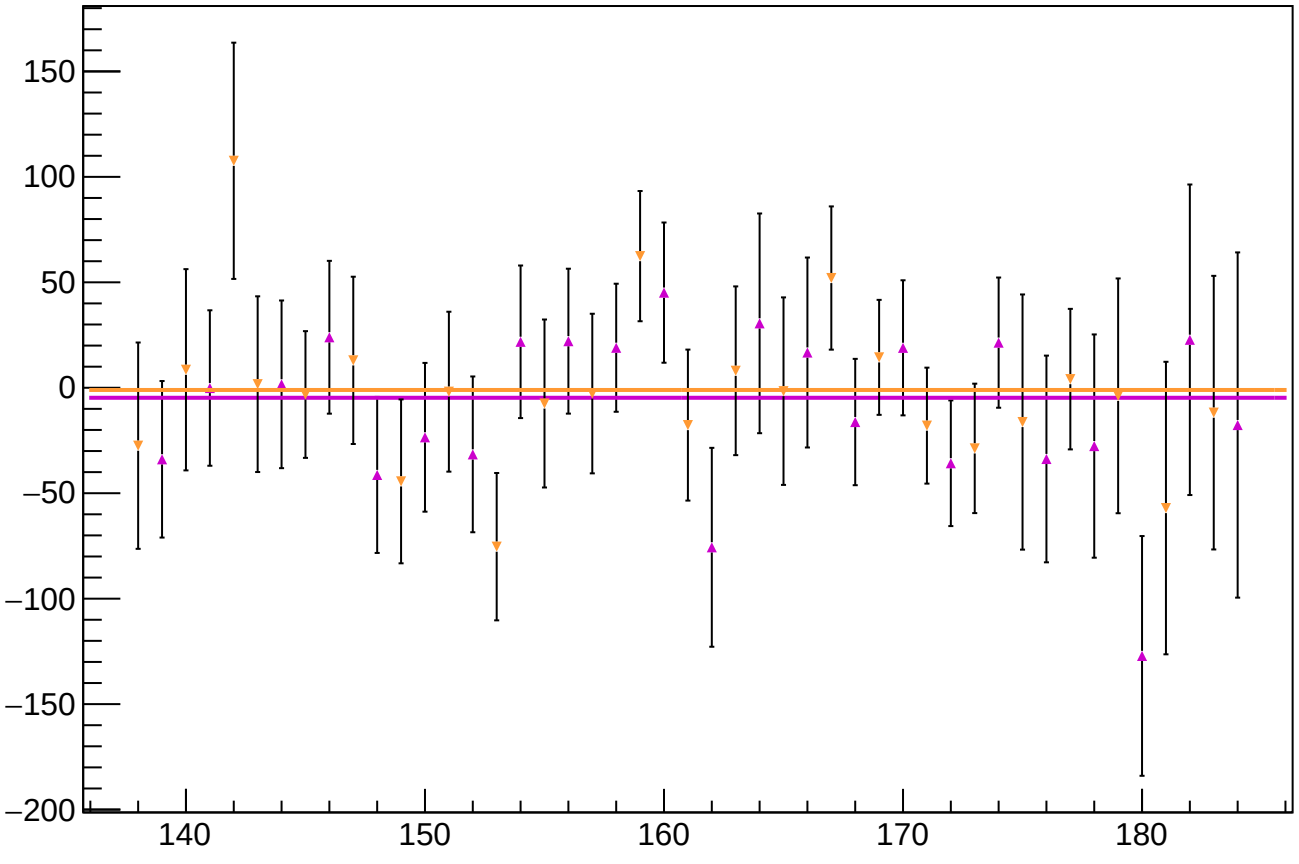
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

Out: 692.465+/-0.117 χ^2/NDF:1233439.4/23

All: 689.716+/-0.083 χ^2/NDF: 2350583.3/46

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: -1.045+/-7.784 χ^2/NDF:19.2/23

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

Left In: -4.745+/-7.976 χ^2/NDF:17.9/22

Left: -2.850+/-5.571 χ^2/NDF: 37.2/46

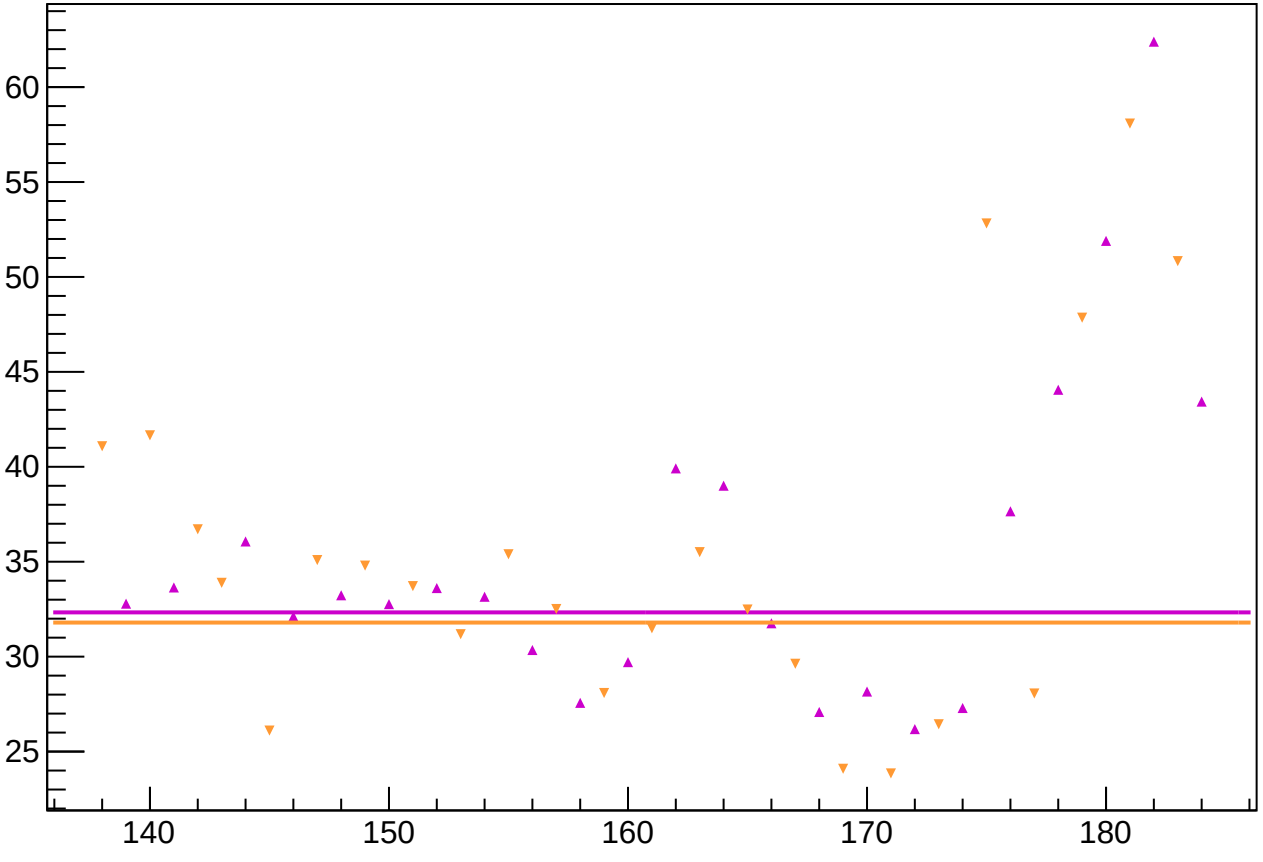
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.745+/-7.976 χ^2/NDF:17.9/22

Out: -1.045+/-7.784 χ^2/NDF:19.2/23

All: -2.850+/-5.571 χ^2/NDF: 37.2/46

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: 31.795+/-0.006 χ^2/NDF:1633448.7/23

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

Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

Left: 32.057+/-0.004 χ^2/NDF: 2779578.0/46

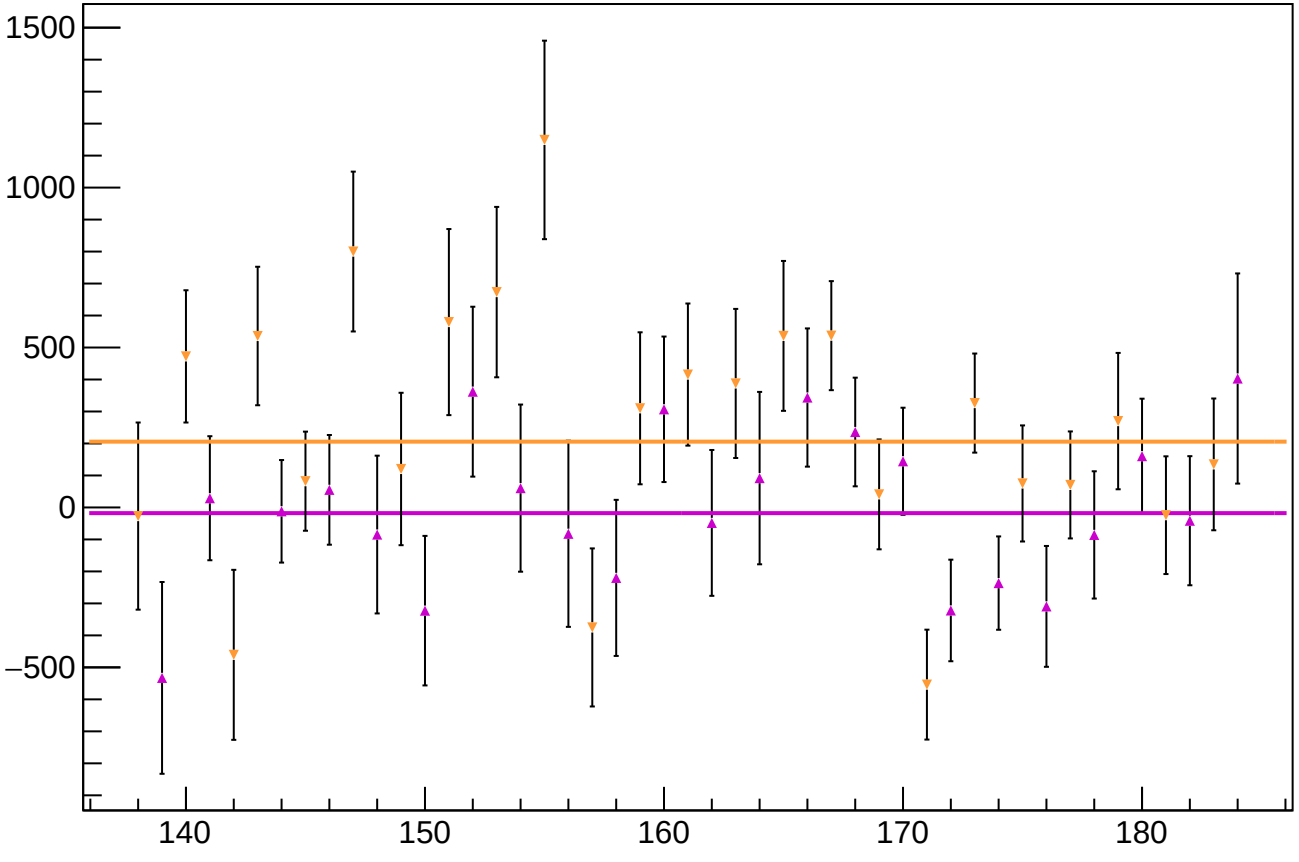
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

Out: 31.795+/-0.006 χ^2/NDF:1633448.7/23

All: 32.057+/-0.004 χ^2/NDF: 2779578.0/46

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: 205.734+/-42.325 χ^2/NDF:68.3/23

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

Left In: -17.742+/-42.576 χ^2/NDF:27.1/22

Left: 94.657+/-30.017 χ^2/NDF: 109.3/46

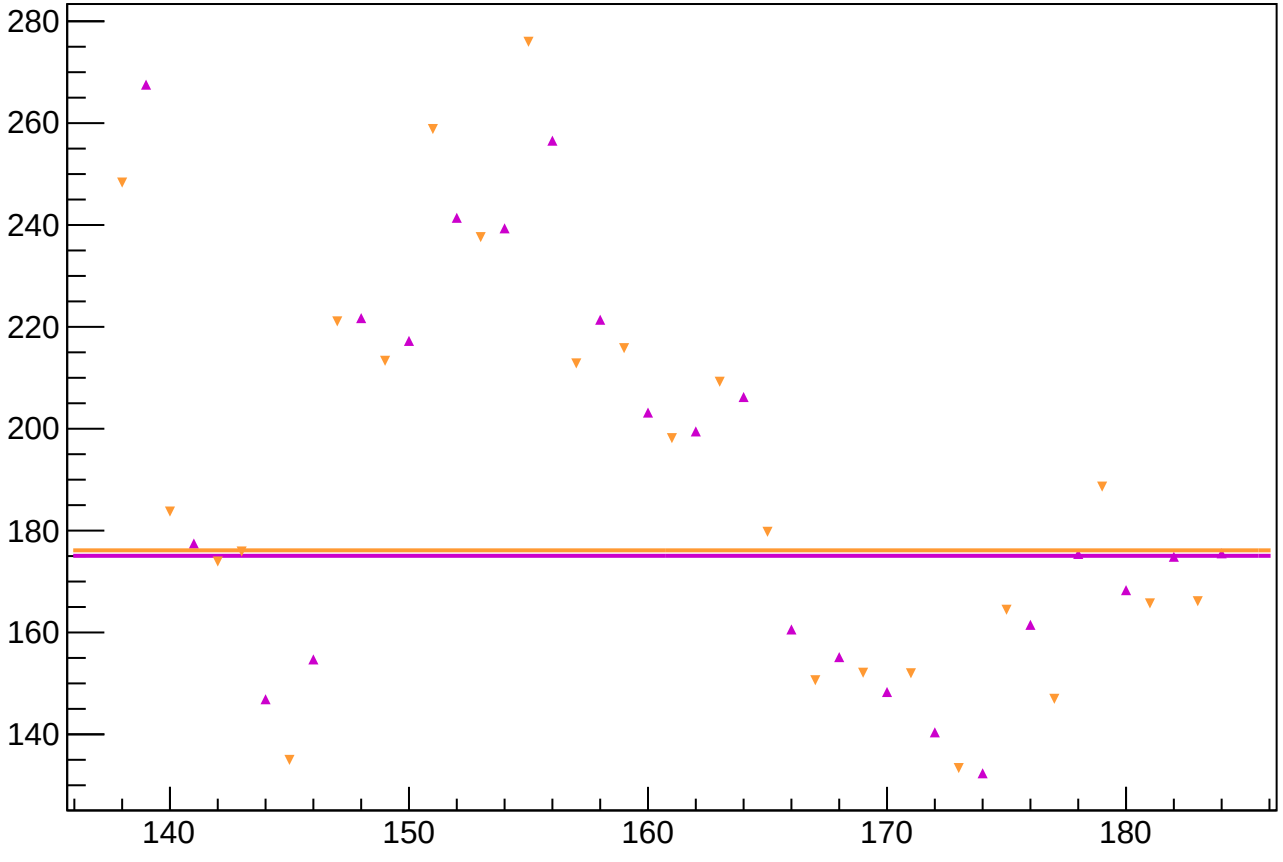
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.742+/-42.576 χ^2/NDF:27.1/22

Out: 205.734+/-42.325 χ^2/NDF:68.3/23

All: 94.657+/-30.017 χ^2/NDF: 109.3/46

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: 176.123+/-0.030 χ^2/NDF:1377827.0/23

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

Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

Left: 175.590+/-0.021 χ^2/NDF: 2718220.3/46

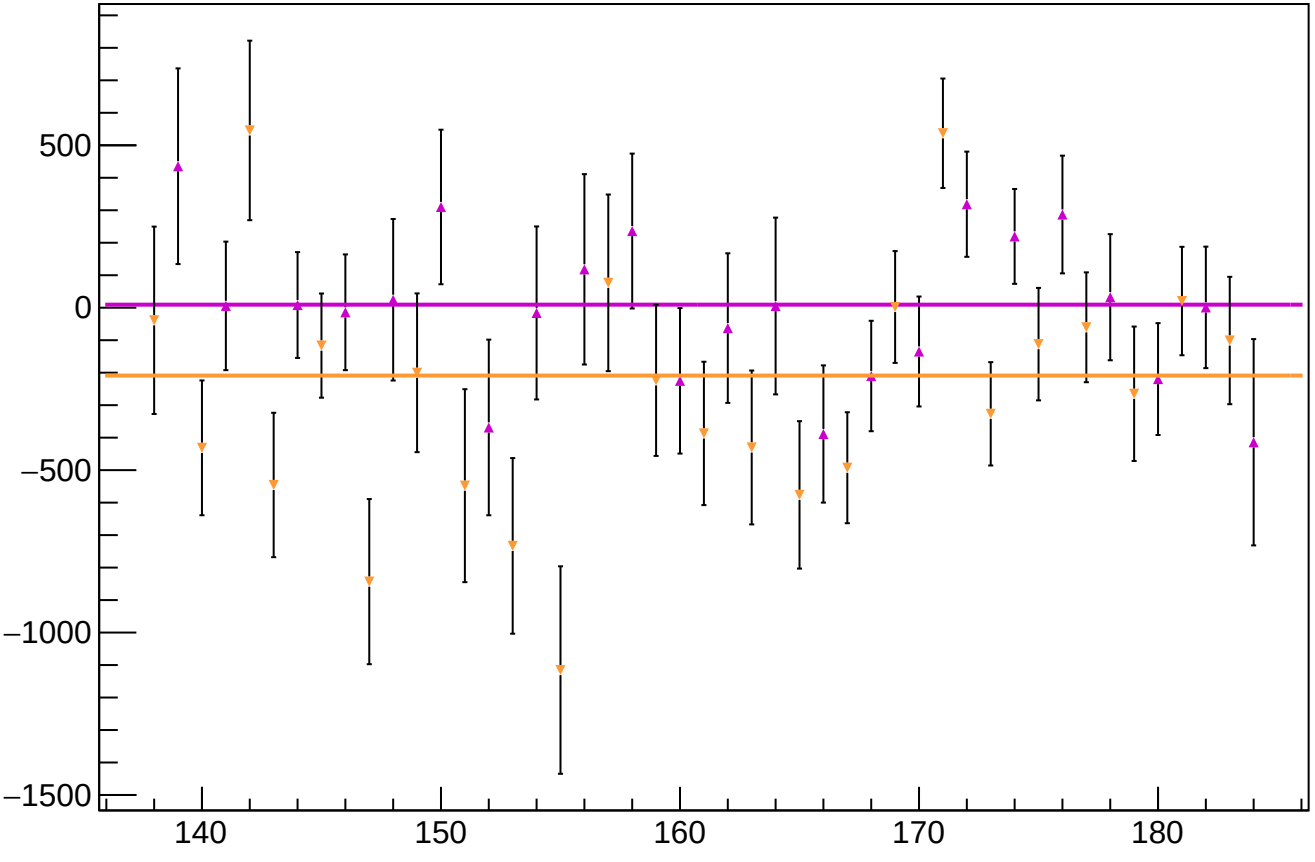
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

Out: 176.123+/-0.030 χ^2/NDF:1377827.0/23

All: 175.590+/-0.021 χ^2/NDF: 2718220.3/46

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -208.841+/-42.228 χ^2/NDF:64.0/23

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

Left In: 9.384+/-42.437 χ^2/NDF:25.4/22

Left: -100.268+/-29.933 χ^2/NDF: 102.7/46

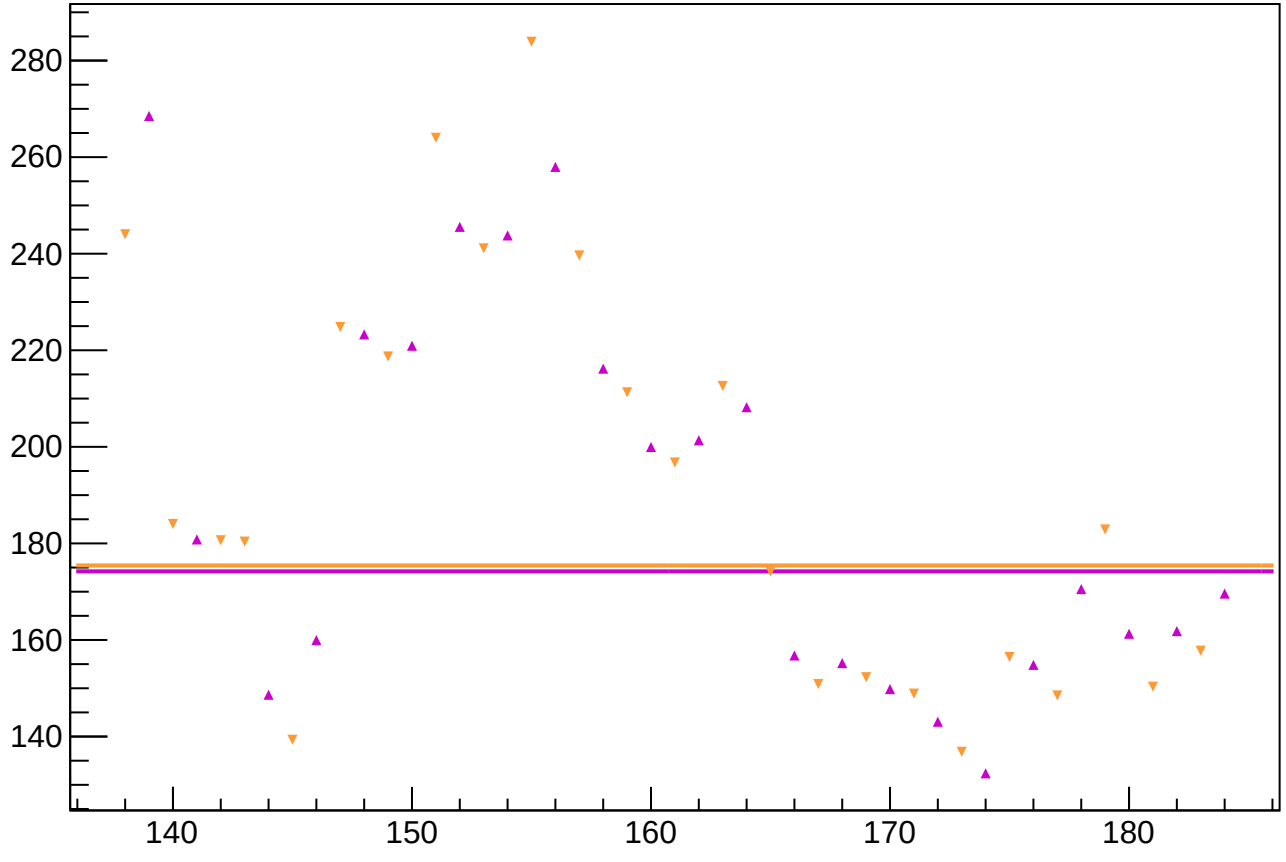
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9.384+/-42.437 χ^2/NDF:25.4/22

Out: -208.841+/-42.228 χ^2/NDF:64.0/23

All: -100.268+/-29.933 χ^2/NDF: 102.7/46

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 175.443+/-0.030 χ^2/NDF:1495284.7/23

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

Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

Left: 174.833+/-0.021 χ^2/NDF: 2860724.5/46

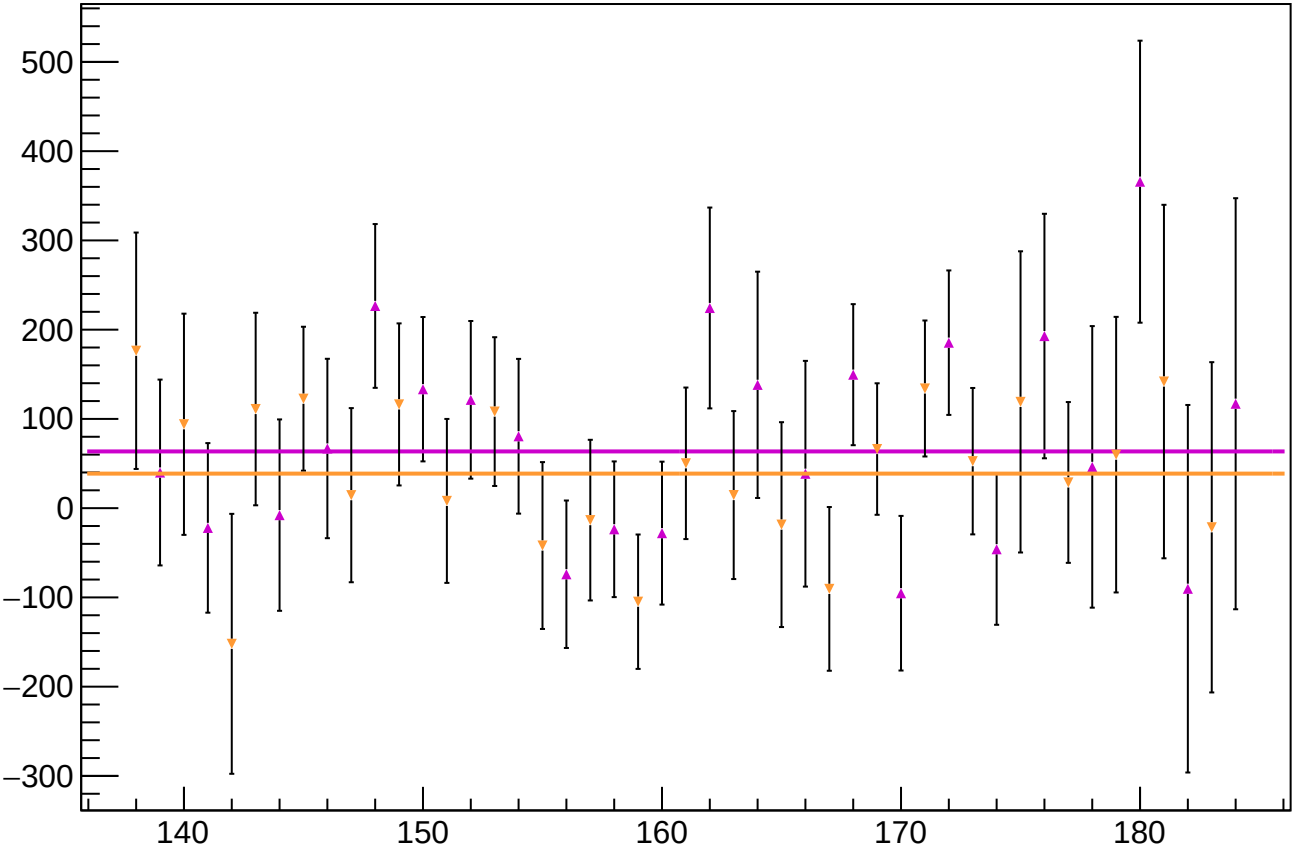
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

Out: 175.443+/-0.030 χ^2/NDF:1495284.7/23

All: 174.833+/-0.021 χ^2/NDF: 2860724.5/46

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 38.707+/-19.925 χ^2/NDF:15.5/23

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

Left In: 63.566+/-20.573 χ^2/NDF:27.2/22

Left: 50.739+/-14.313 χ^2/NDF: 43.4/46

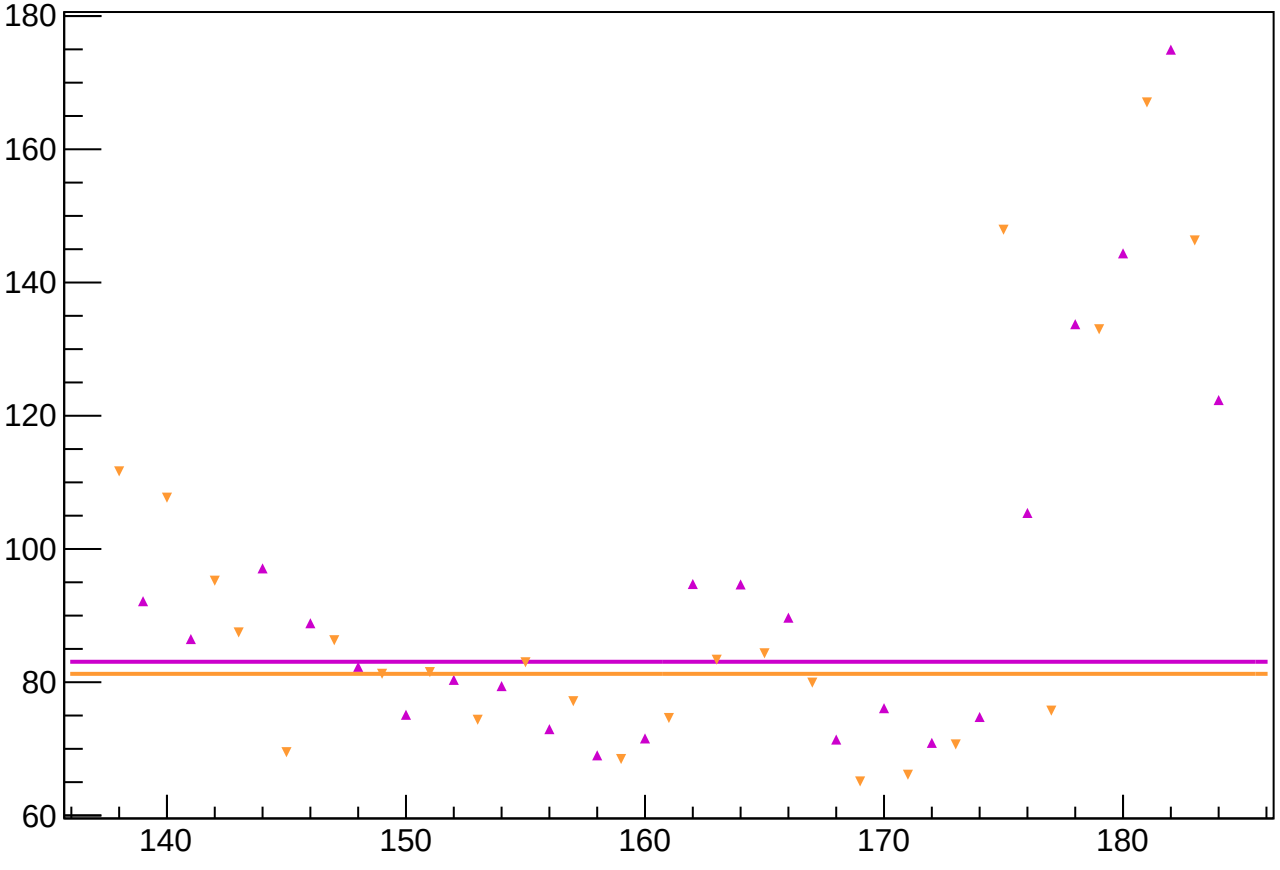
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 63.566+/-20.573 χ^2/NDF:27.2/22

Out: 38.707+/-19.925 χ^2/NDF:15.5/23

All: 50.739+/-14.313 χ^2/NDF: 43.4/46

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 81.257+/-0.014 χ^2/NDF:1735864.2/23

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

Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

Left: 82.135+/-0.010 χ^2/NDF: 3149009.7/46

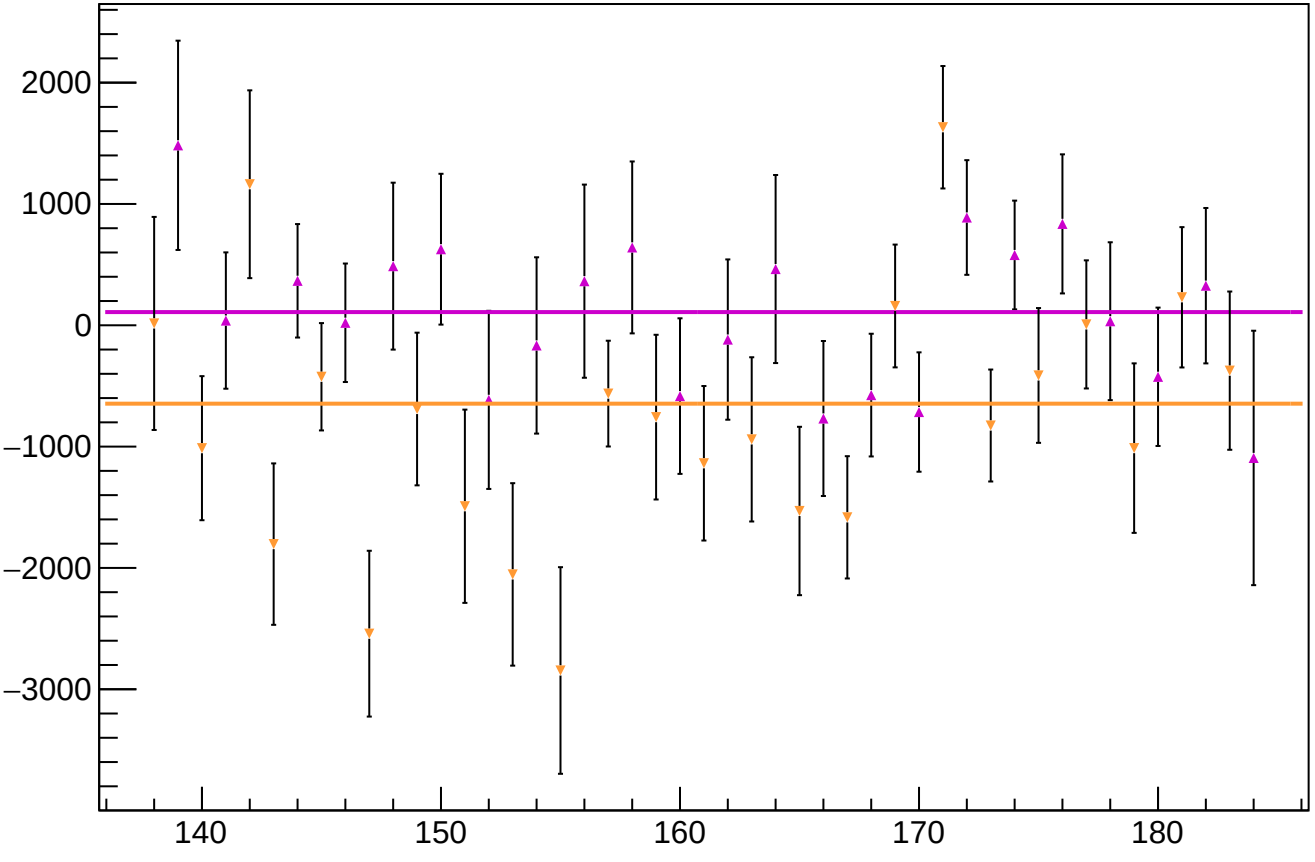
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

Out: 81.257+/-0.014 χ^2/NDF:1735864.2/23

All: 82.135+/-0.010 χ^2/NDF: 3149009.7/46

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -646.105+/-121.802 χ^2/NDF:62.1/23

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

Left In: 108.821+/-125.527 χ^2/NDF:21.4/22

Left: -280.011+/-87.414 χ^2/NDF: 102.2/46

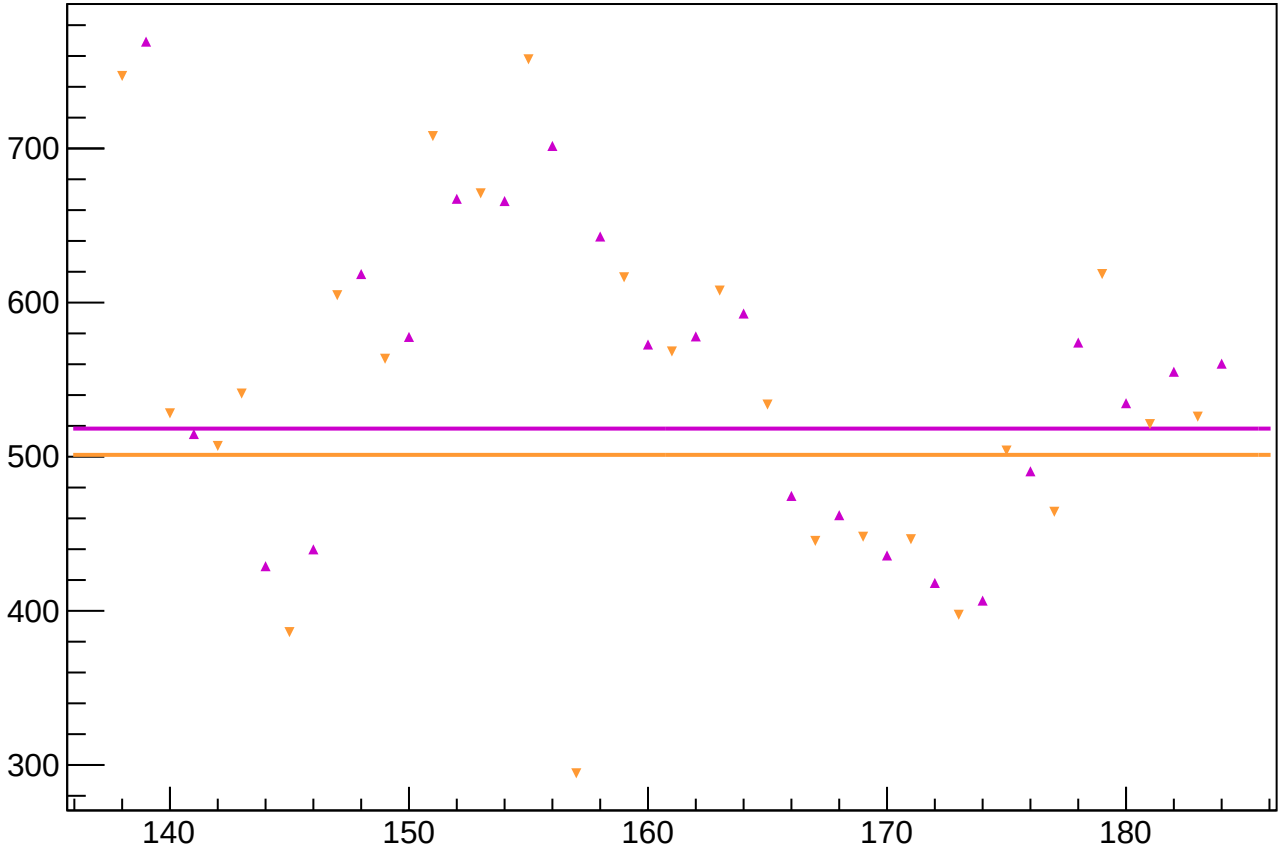
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 108.821+/-125.527 χ^2/NDF:21.4/22

Out: -646.105+/-121.802 χ^2/NDF:62.1/23

All: -280.011+/-87.414 χ^2/NDF: 102.2/46

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 501.206+/-0.086 χ^2/NDF:1613112.2/23

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

Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

Left: 509.469+/-0.062 χ^2/NDF: 2704083.4/46

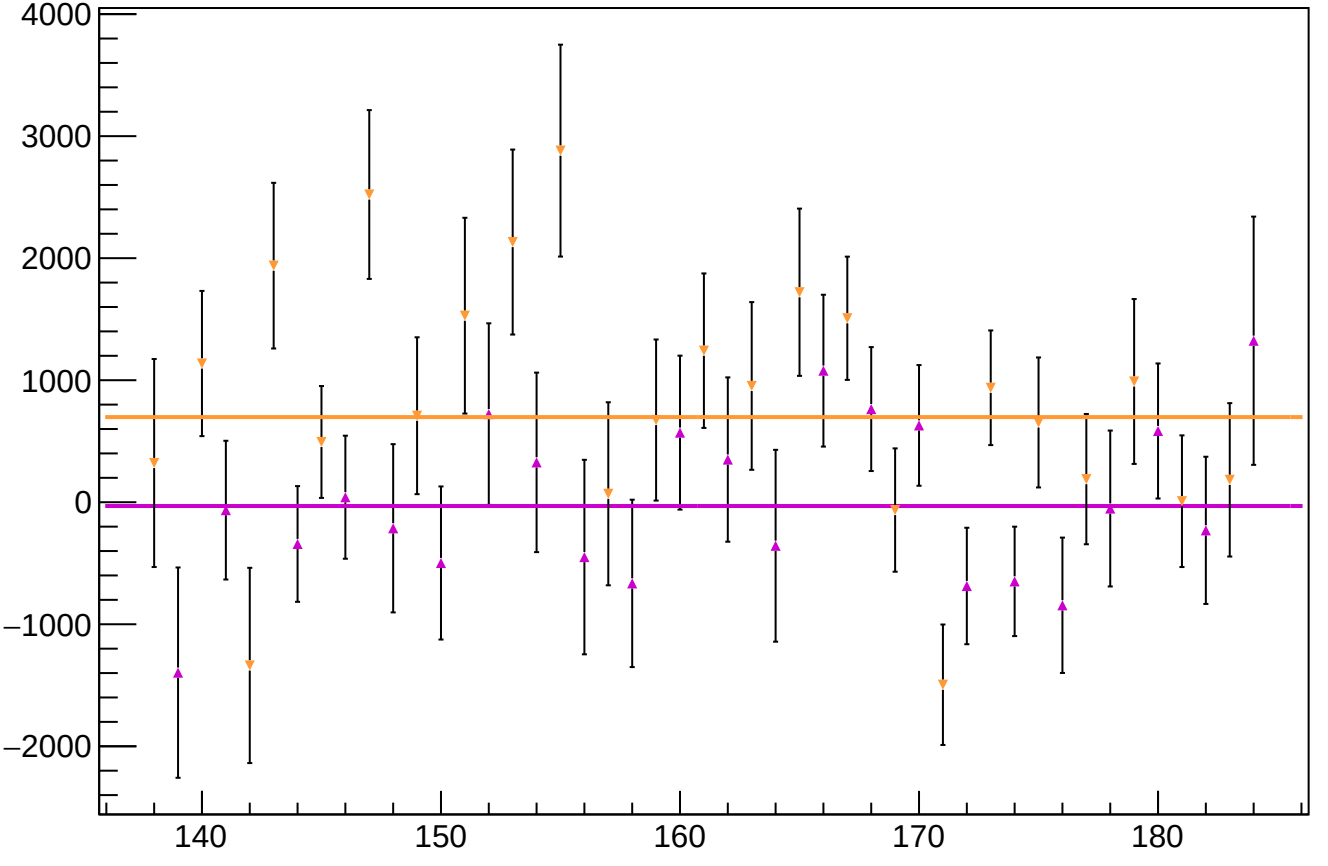
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

Out: 501.206+/-0.086 χ^2/NDF:1613112.2/23

All: 509.469+/-0.062 χ^2/NDF: 2704083.4/46

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 697.721+/-124.705 χ^2/NDF:60.8/23

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

Left In: -31.056+/-125.236 χ^2/NDF:23.8/22

Left: 334.883+/-88.367 χ^2/NDF: 101.6/46

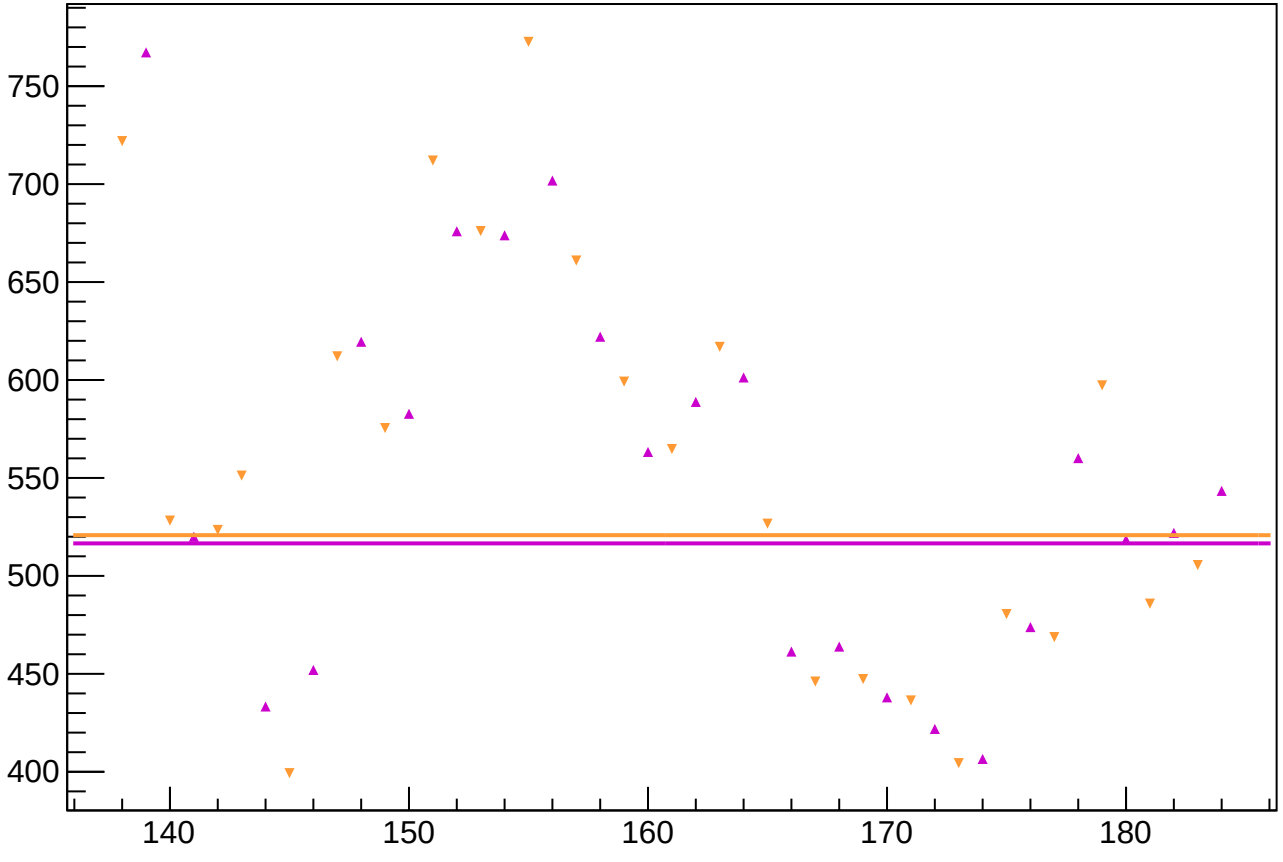
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.056+/-125.236 χ^2/NDF:23.8/22

Out: 697.721+/-124.705 χ^2/NDF:60.8/23

All: 334.883+/-88.367 χ^2/NDF: 101.6/46

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 520.779+/-0.088 χ^2/NDF:1151151.6/23

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

Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

Left: 518.695+/-0.062 χ^2/NDF: 2188365.7/46

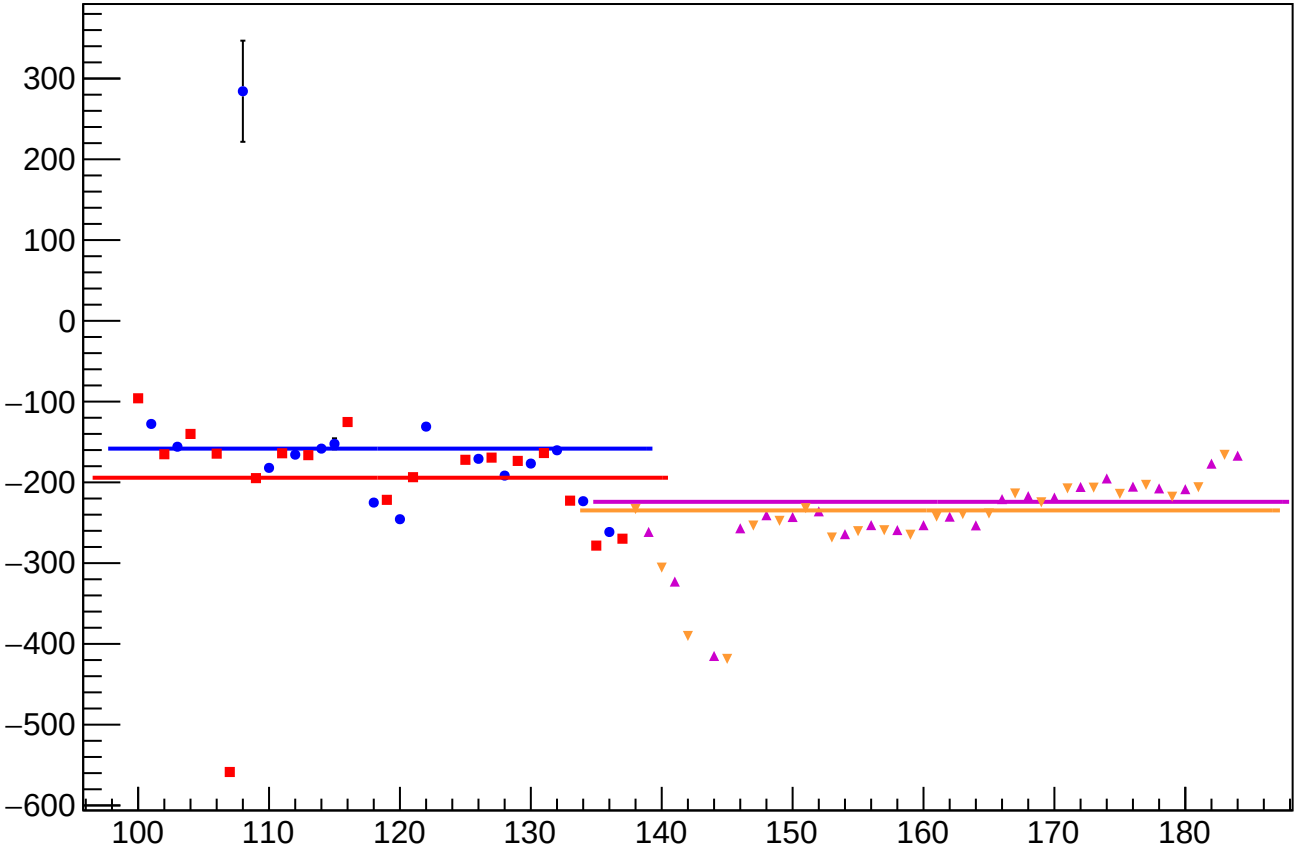
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

Out: 520.779+/-0.088 χ^2/NDF:1151151.6/23

All: 518.695+/-0.062 χ^2/NDF: 2188365.7/46

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -234.731+/-0.111 χ^2/NDF:95042.5/22

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

Left: -228.796+/-0.073 χ^2/NDF: 253553.8/45

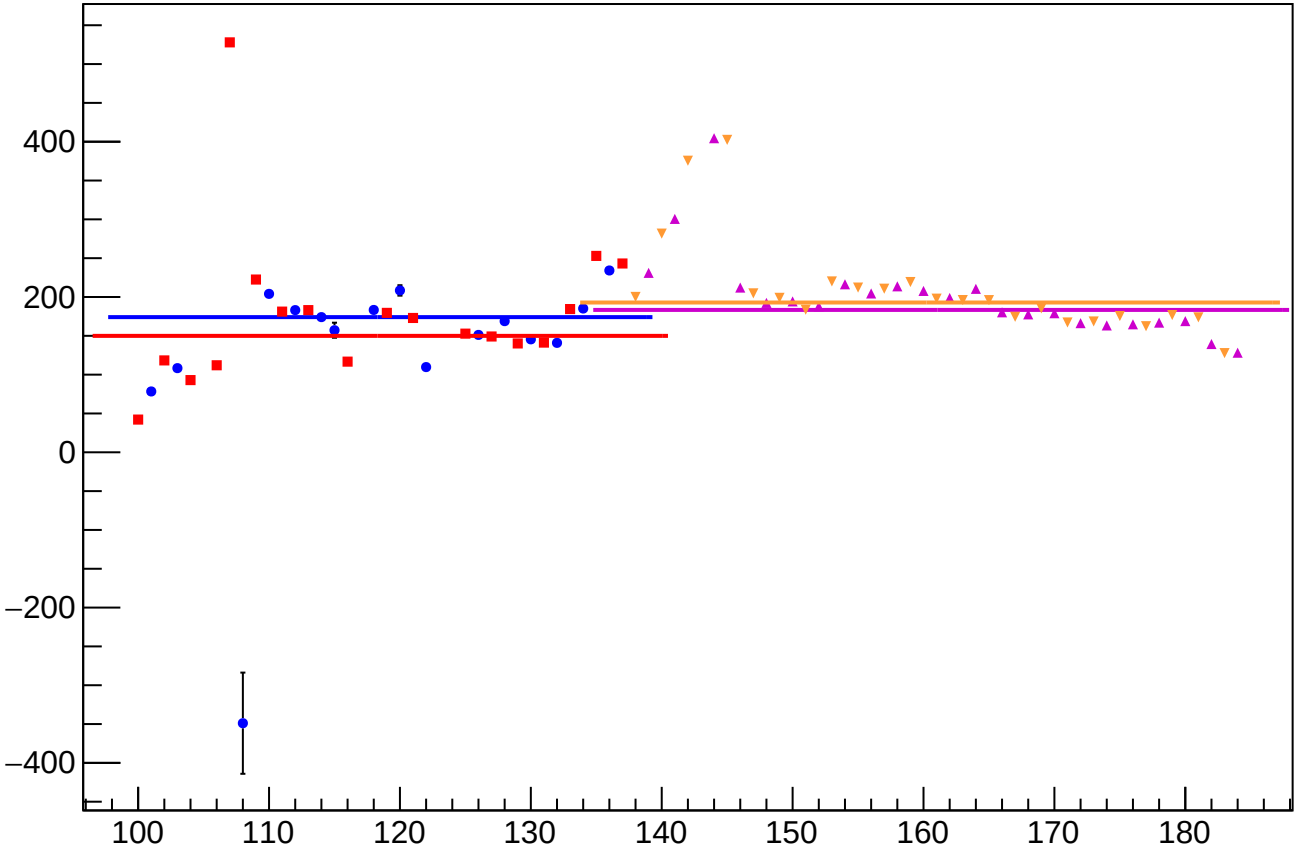
Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:719836.9/38

Out: -222.215+/-0.092 χ^2/NDF:313066.8/40

All: -158.222+/-0.000 χ^2/NDF: 1518322.1/79

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 192.908+/-0.111 χ^2/NDF:86054.5/22

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

Left: 187.585+/-0.074 χ^2/NDF: 245611.0/45

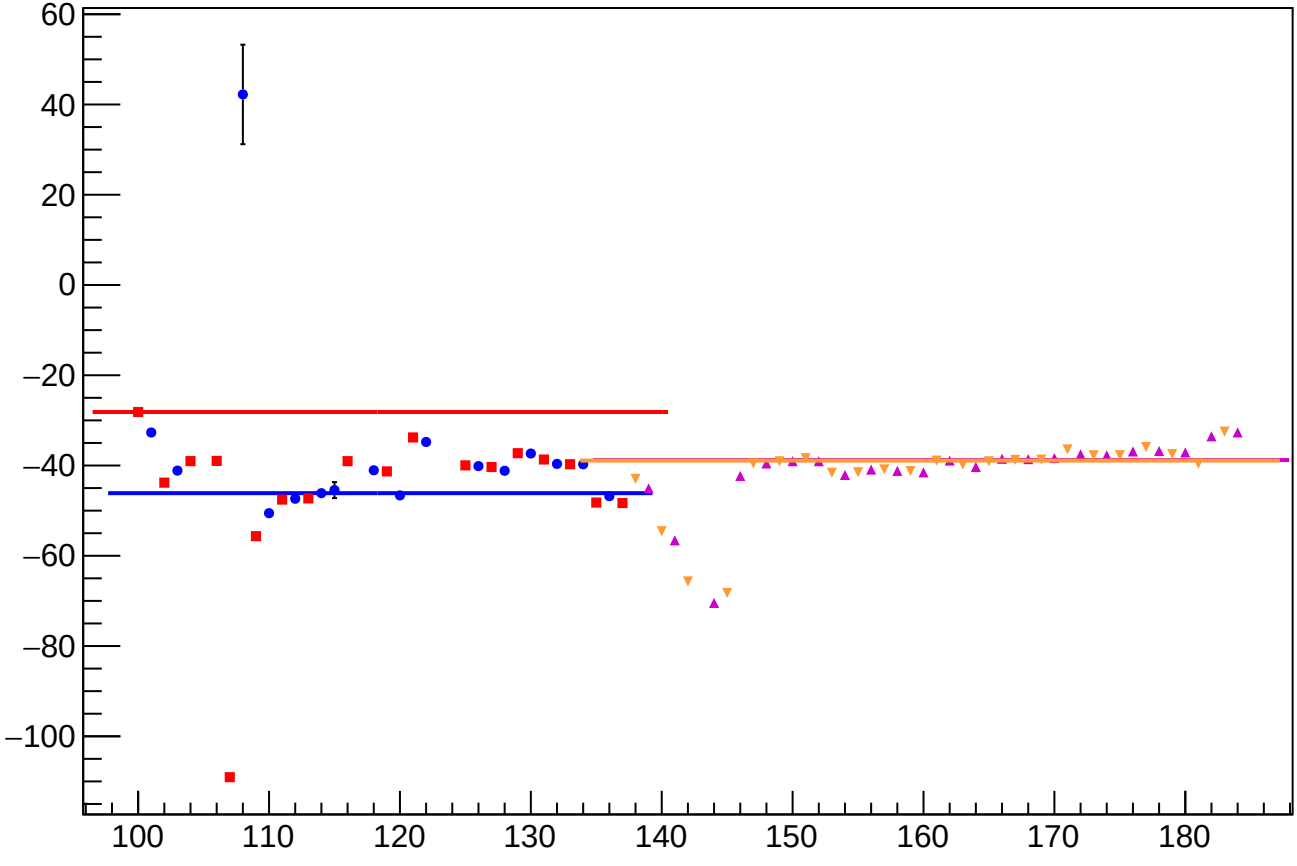
Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:217604.9/38

Out: 182.422+/-0.097 χ^2/NDF:290386.8/40

All: 174.085+/-0.000 χ^2/NDF: 515440.1/79

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -38.900+/-0.006 χ^2/NDF:371747.8/22

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

Left: -38.852+/-0.004 χ^2/NDF: 693883.9/45

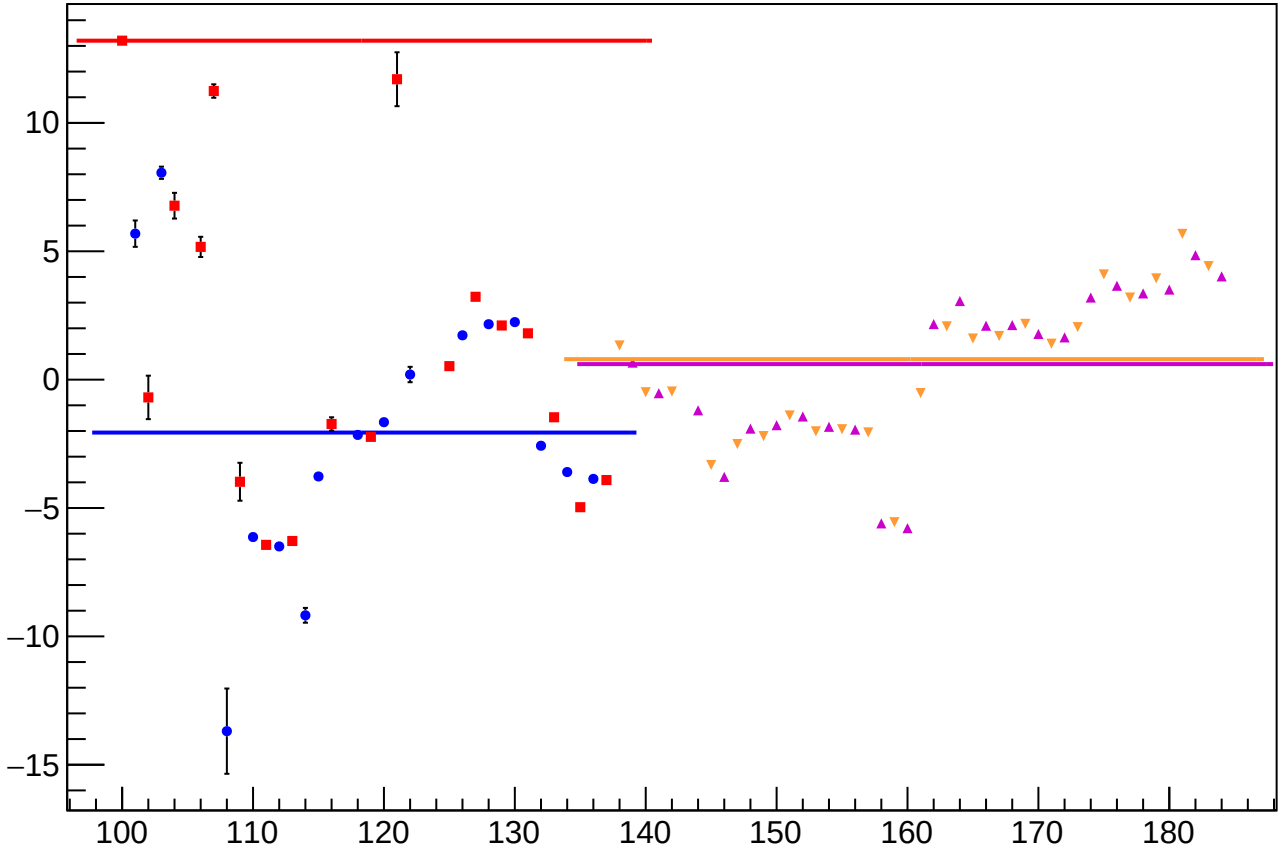
Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:1779001.9/38

Out: -28.139+/-0.000 χ^2/NDF:4392458.5/40

All: -39.778+/-0.000 χ^2/NDF: 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: 0.798+/-0.006 χ^2/NDF:252121.9/22

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

Left: 0.683+/-0.004 χ^2/NDF: 583987.2/45

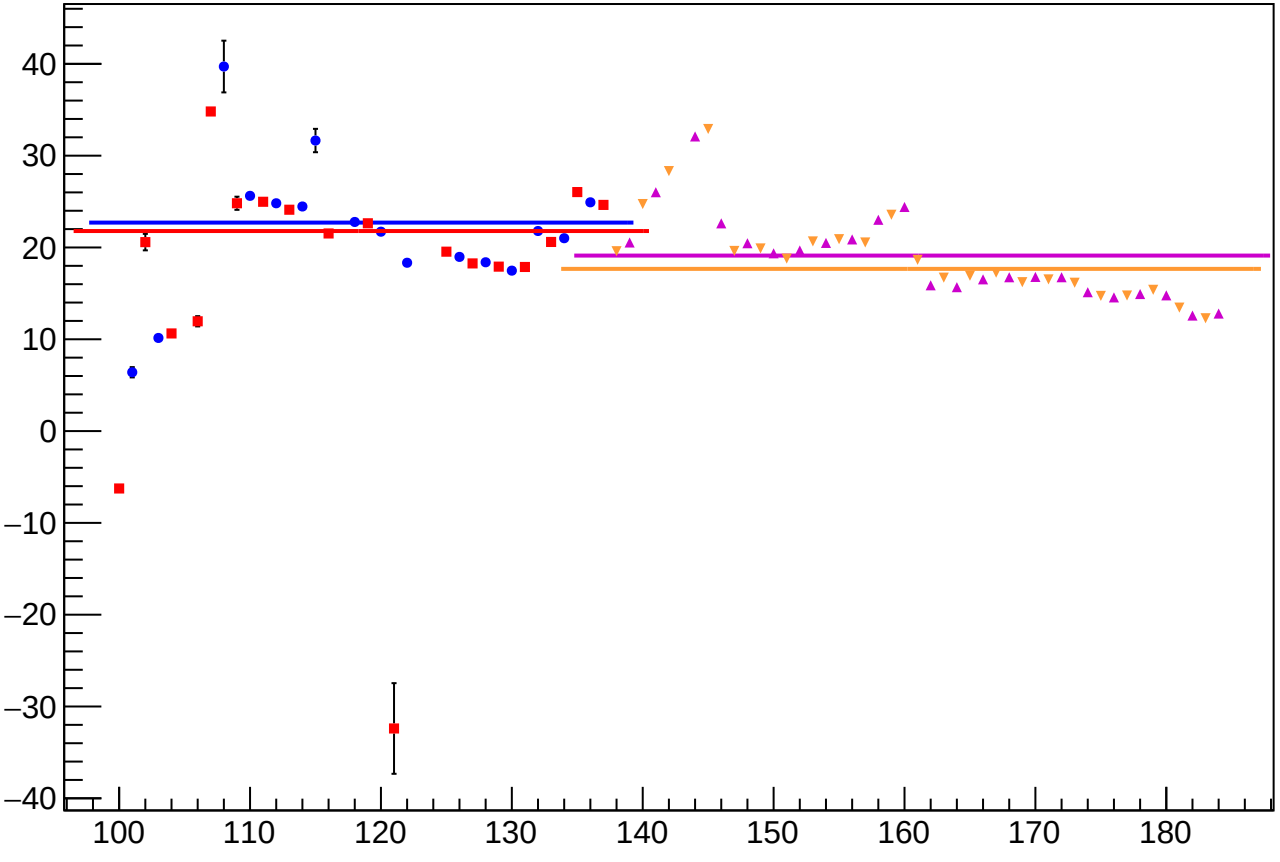
Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: 0.407+/-0.005 χ^2/NDF:377667.6/38

Out: 13.204+/-0.000 χ^2/NDF:4832566.7/40

All: 13.204+/-0.000 χ^2/NDF: 12143174.3/79

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 17.669+/-0.007 χ^2/NDF:171592.8/22

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

Left: 18.400+/-0.005 χ^2/NDF: 421592.1/45

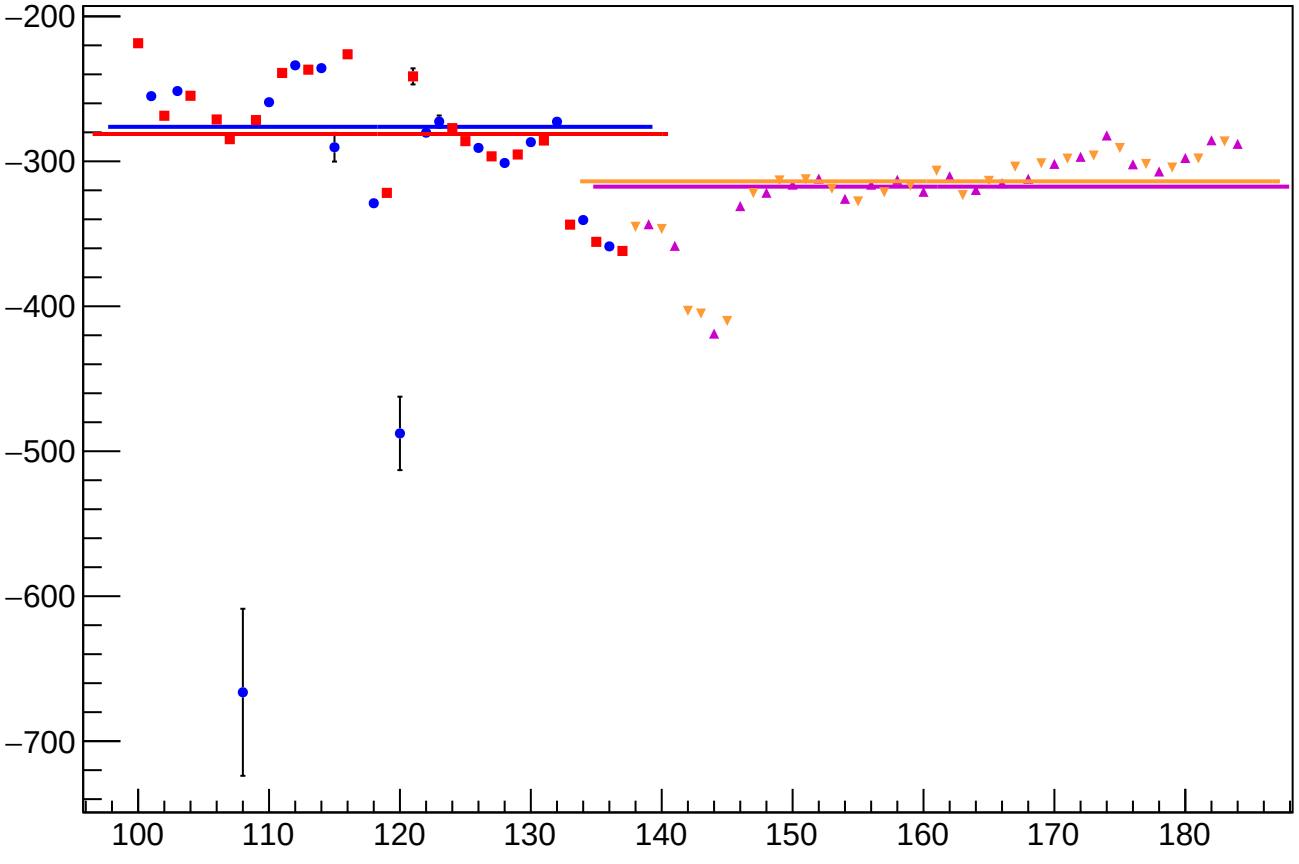
Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 19.567+/-0.007 χ^2/NDF:284235.8/38

Out: 18.080+/-0.007 χ^2/NDF:231279.9/40

All: 18.841+/-0.005 χ^2/NDF: 540047.9/79

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -313.798+/-0.097 χ^2/NDF:52525.1/23

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

Left: -315.676+/-0.068 χ^2/NDF: 116320.2/46

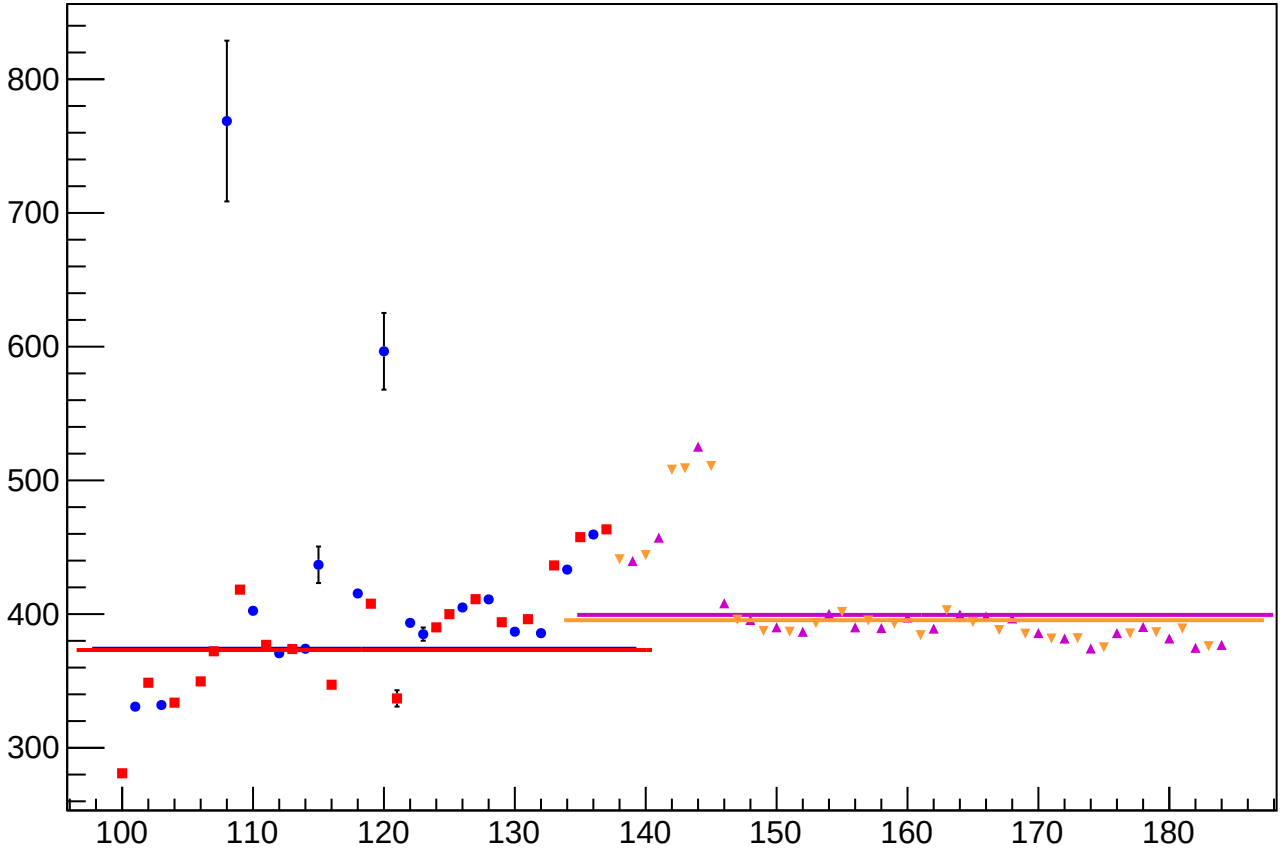
Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -307.307+/-0.083 χ^2/NDF:167445.8/39

Out: -303.895+/-0.081 χ^2/NDF:164243.7/42

All: -305.572+/-0.058 χ^2/NDF: 332555.9/82

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 395.433+/-0.098 χ^2/NDF:67347.4/23

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

Left: 397.435+/-0.069 χ^2/NDF: 145393.3/46

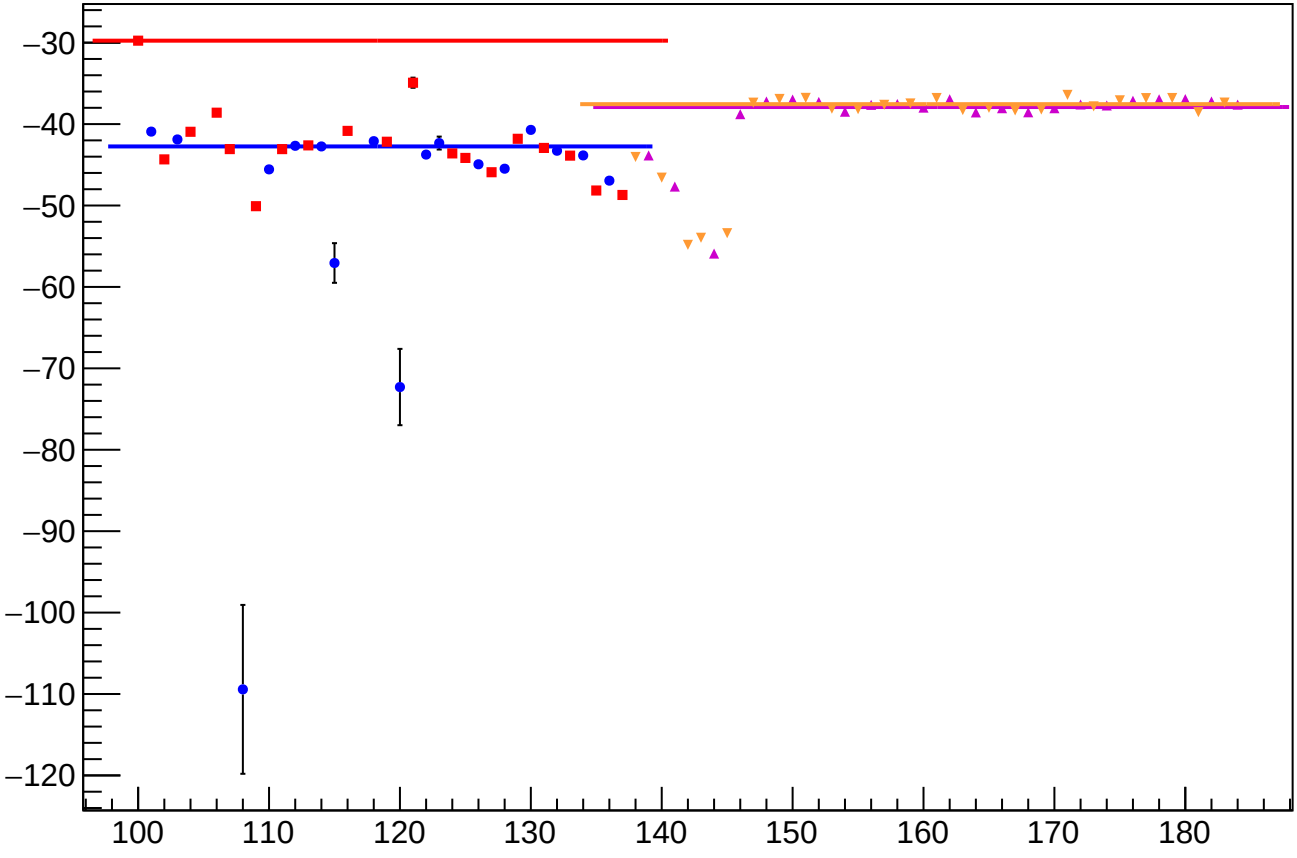
Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:180586.1/39

Out: 389.277+/-0.083 χ^2/NDF:189995.2/42

All: 374.094+/-0.000 χ^2/NDF: 404050.3/82

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.552+/-0.004 χ^2/NDF:267003.9/23

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

Left: -37.715+/-0.003 χ^2/NDF: 427825.5/46

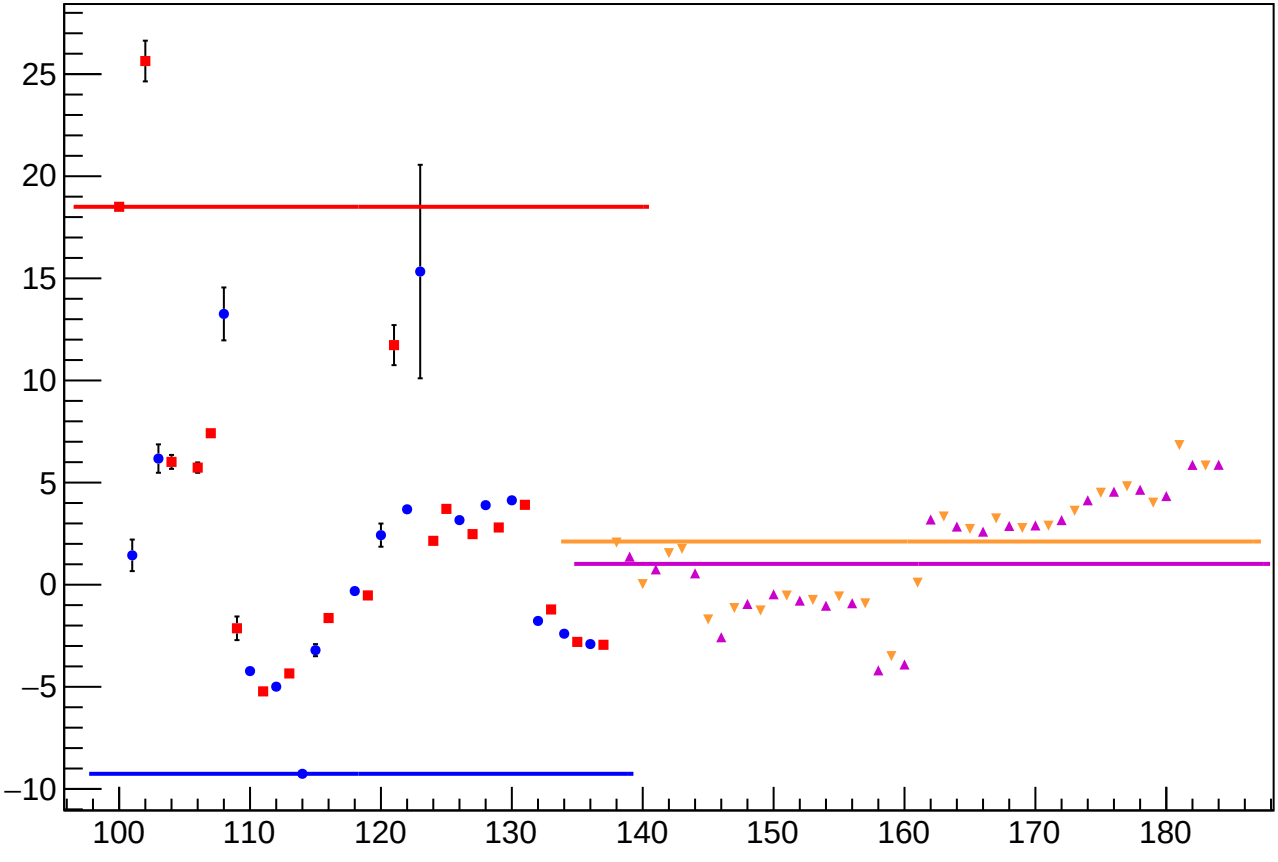
Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:1532116.9/39

Out: -29.754+/-0.000 χ^2/NDF:4840366.0/42

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: 2.115+/-0.005 χ^2/NDF:285140.7/23

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

Left: 1.648+/-0.004 χ^2/NDF: 556383.5/46

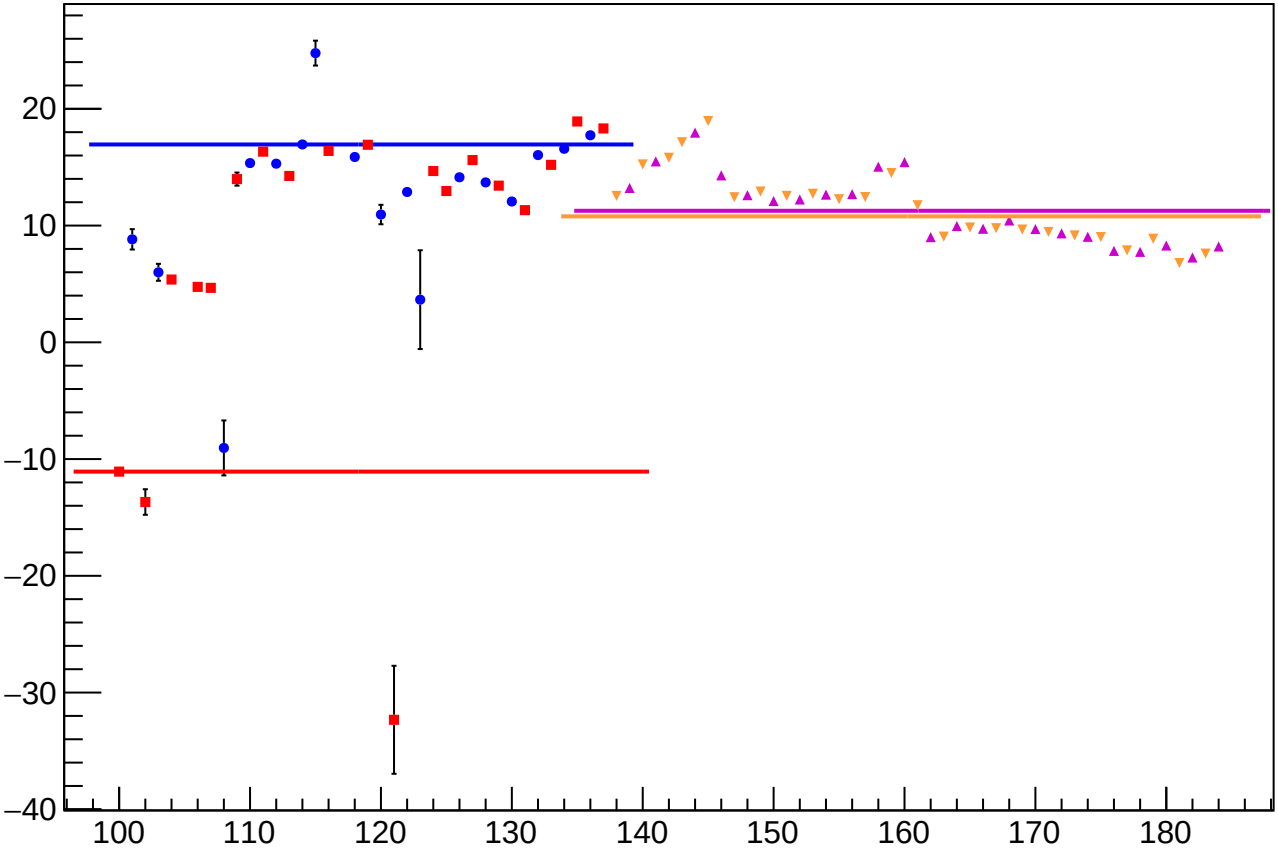
Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:3903920.3/39

Out: 18.504+/-0.000 χ^2/NDF:18787856.5/42

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: 10.790+/-0.007 χ^2/NDF:128725.3/23

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

Left: 10.991+/-0.005 χ^2/NDF: 229306.5/46

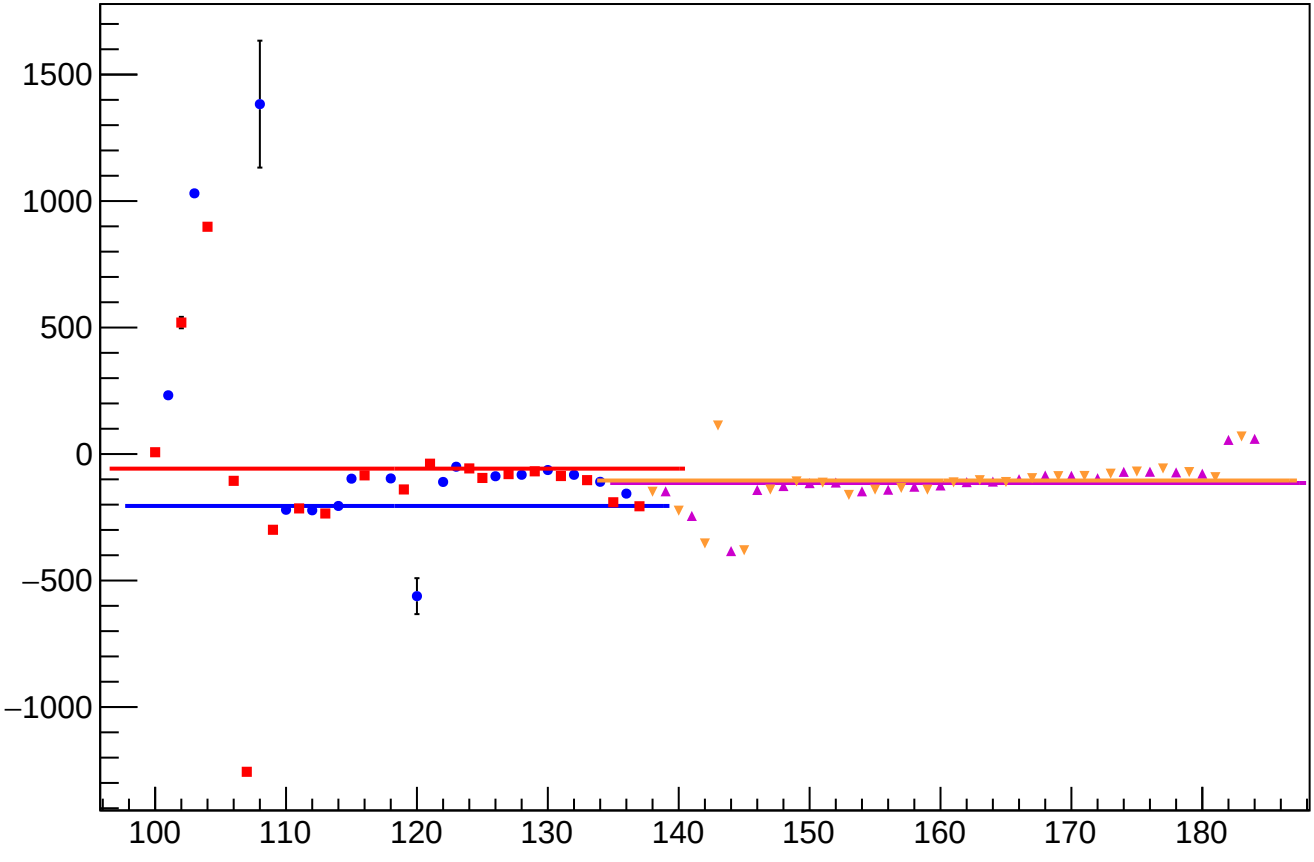
Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:634333.1/39

Out: -11.075+/-0.000 χ^2/NDF:13569607.1/42

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: -104.598+/-0.192 χ^2/NDF:91077.0/23

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

Left: -108.754+/-0.146 χ^2/NDF: 169023.7/46

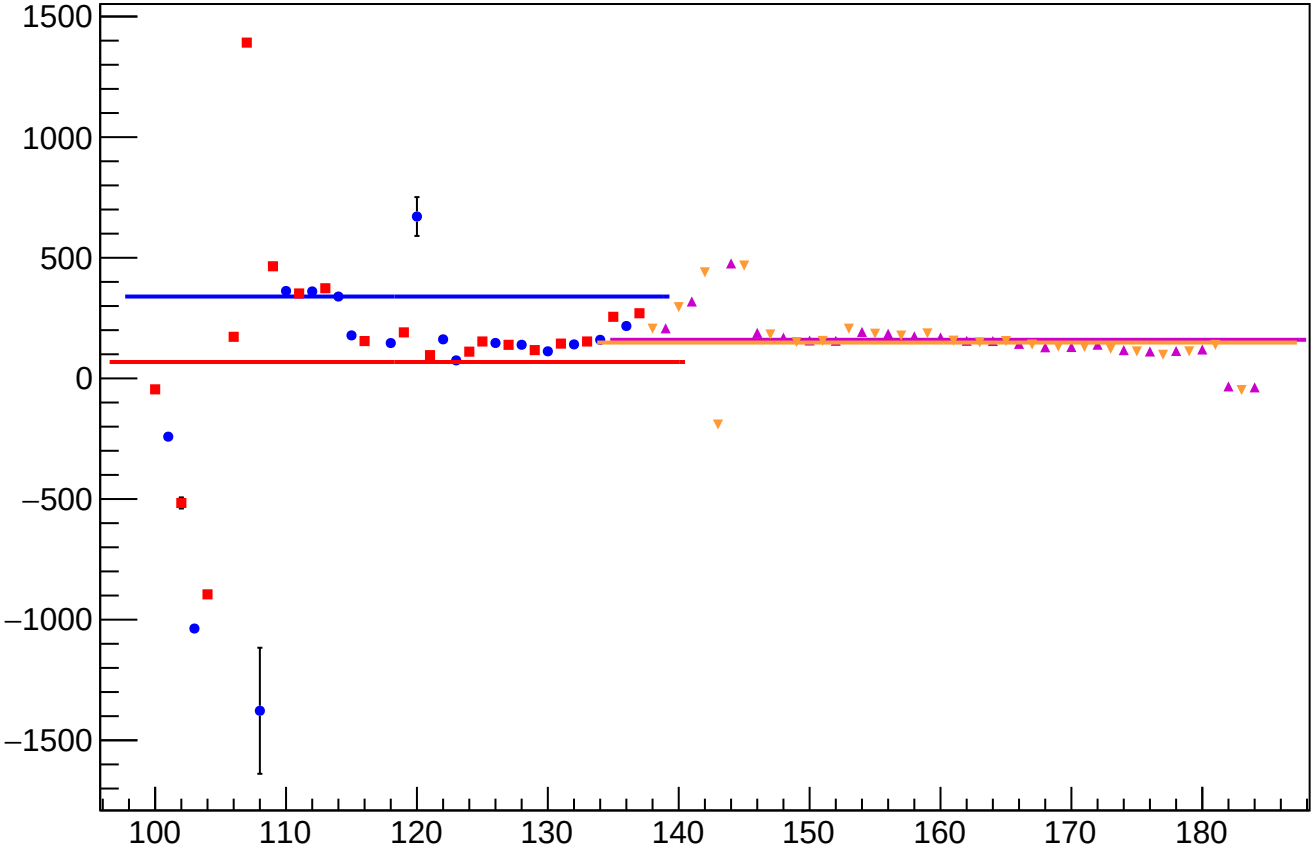
Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:822494.9/39

Out: -89.826+/-0.159 χ^2/NDF:224713.0/42

All: -205.160+/-0.000 χ^2/NDF: 1573377.4/82

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 148.661+/-0.197 χ^2/NDF:129612.7/23

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

Left: 153.477+/-0.149 χ^2/NDF: 214611.0/46

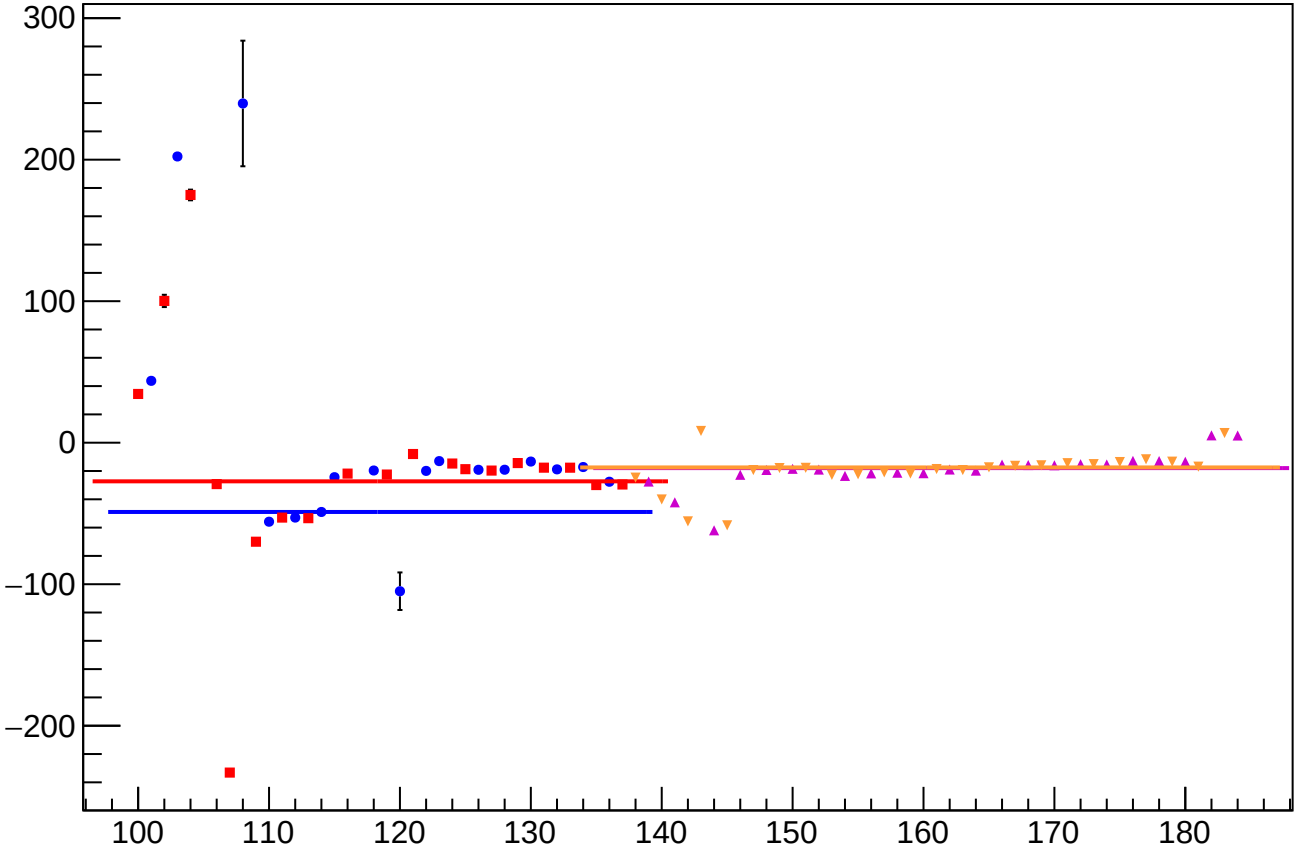
Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1723524.3/39

Out: 122.796+/-0.162 χ^2/NDF:455909.9/42

All: 339.325+/-0.000 χ^2/NDF: 3965461.3/82

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -17.482+/-0.010 χ^2/NDF:704553.4/23

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

Left: -17.670+/-0.008 χ^2/NDF: 957552.0/46

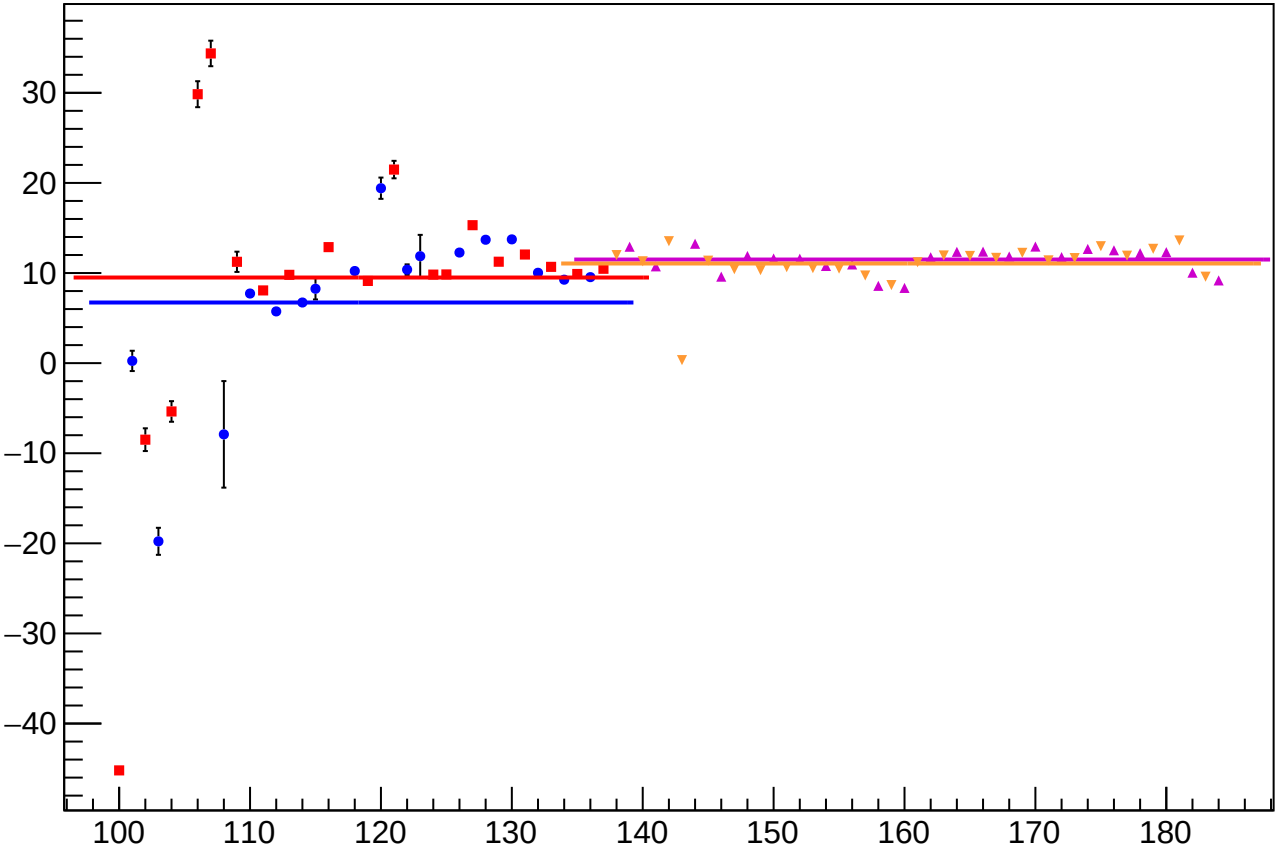
Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:12047104.5/39

Out: -17.838+/-0.010 χ^2/NDF:907217.6/42

All: -48.945+/-0.000 χ^2/NDF: 22961382.6/82

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 11.058+/-0.012 χ^2/NDF:31547.6/23

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

Left: 11.314+/-0.008 χ^2/NDF: 48143.1/46

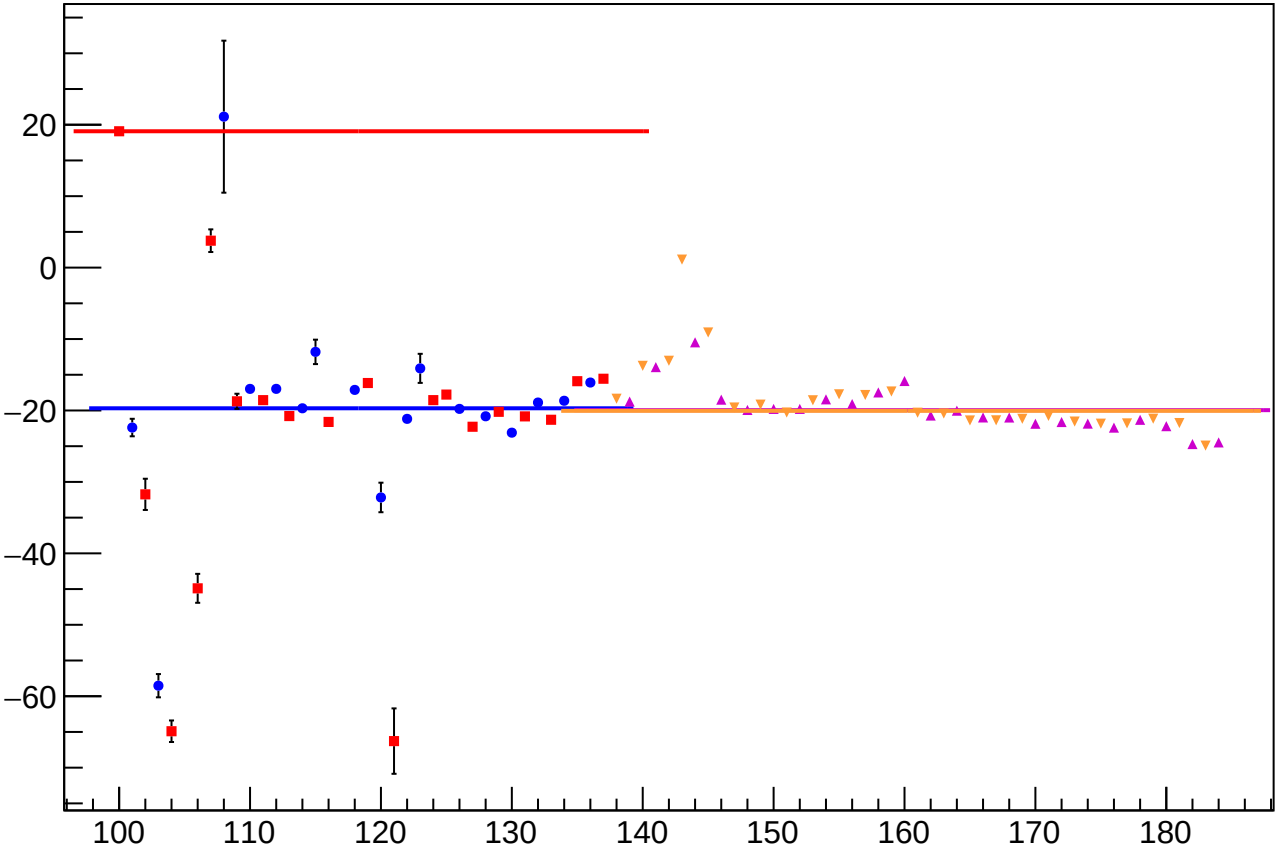
Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:238804.7/39

Out: 10.892+/-0.012 χ^2/NDF:60074.6/42

All: 6.728+/-0.000 χ^2/NDF: 427334.3/82

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -20.050+/-0.014 χ^2/NDF:71055.1/23

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

Left: -20.007+/-0.010 χ^2/NDF: 93734.0/46

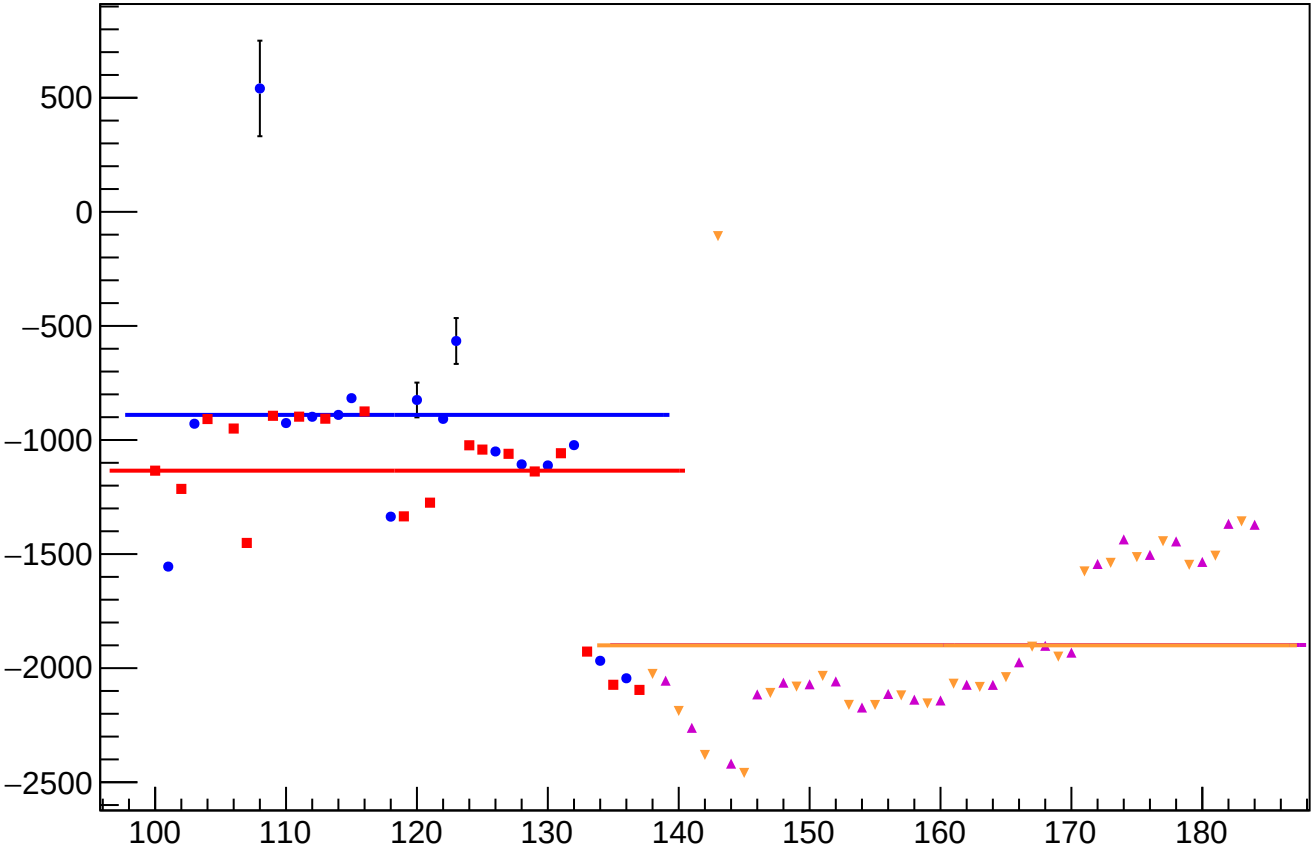
Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:30537.5/39

Out: 19.086+/-0.000 χ^2/NDF:8658715.3/42

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: -1900.040+/-0.359 χ^2/NDF:788525.0/23

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

Left: -1899.277+/-0.256 χ^2/NDF: 1486537.9/46

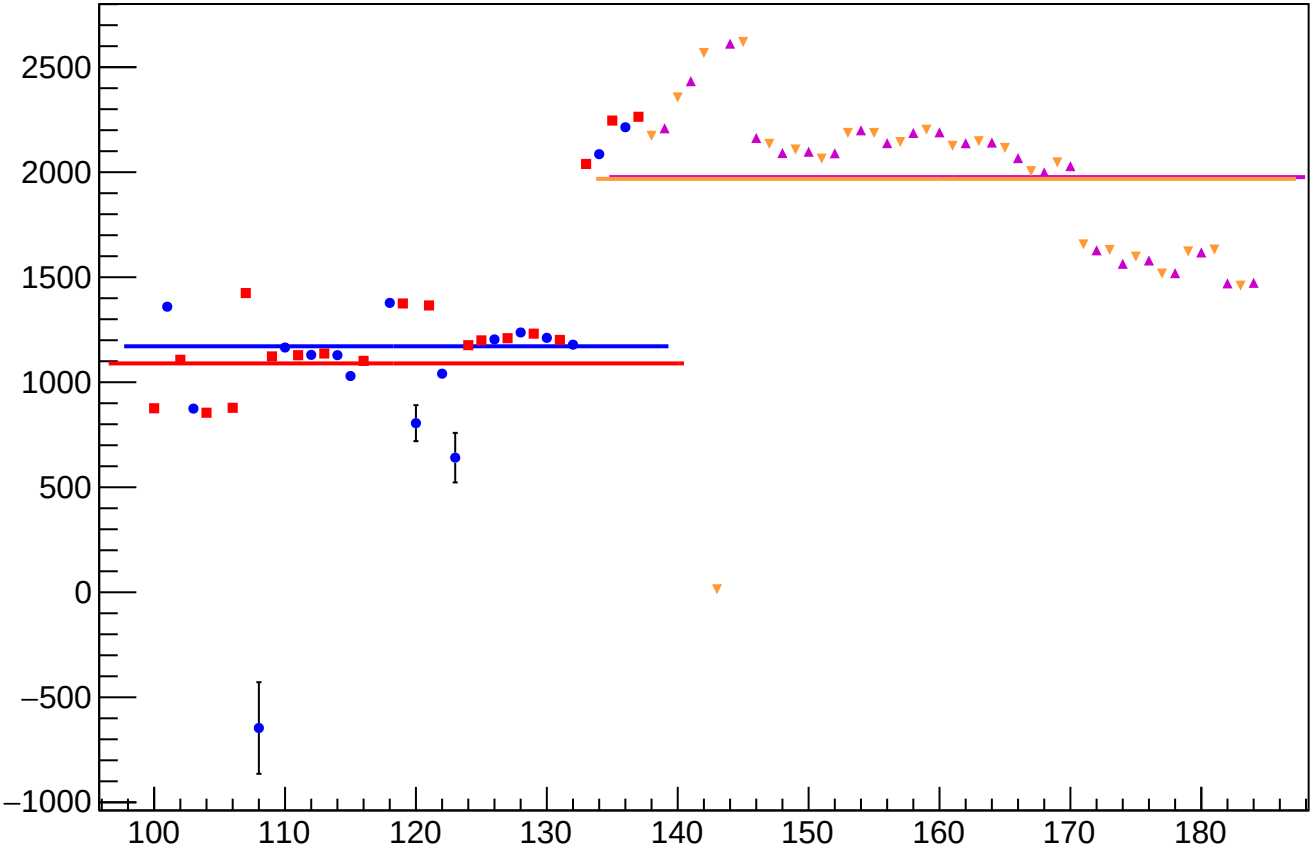
Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:9162698.5/39

Out: -1134.421+/-0.000 χ^2/NDF:6058248.1/42

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: 1968.402+/-0.360 χ^2/NDF:757581.3/23

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

Left: 1972.415+/-0.257 χ^2/NDF: 1383520.0/46

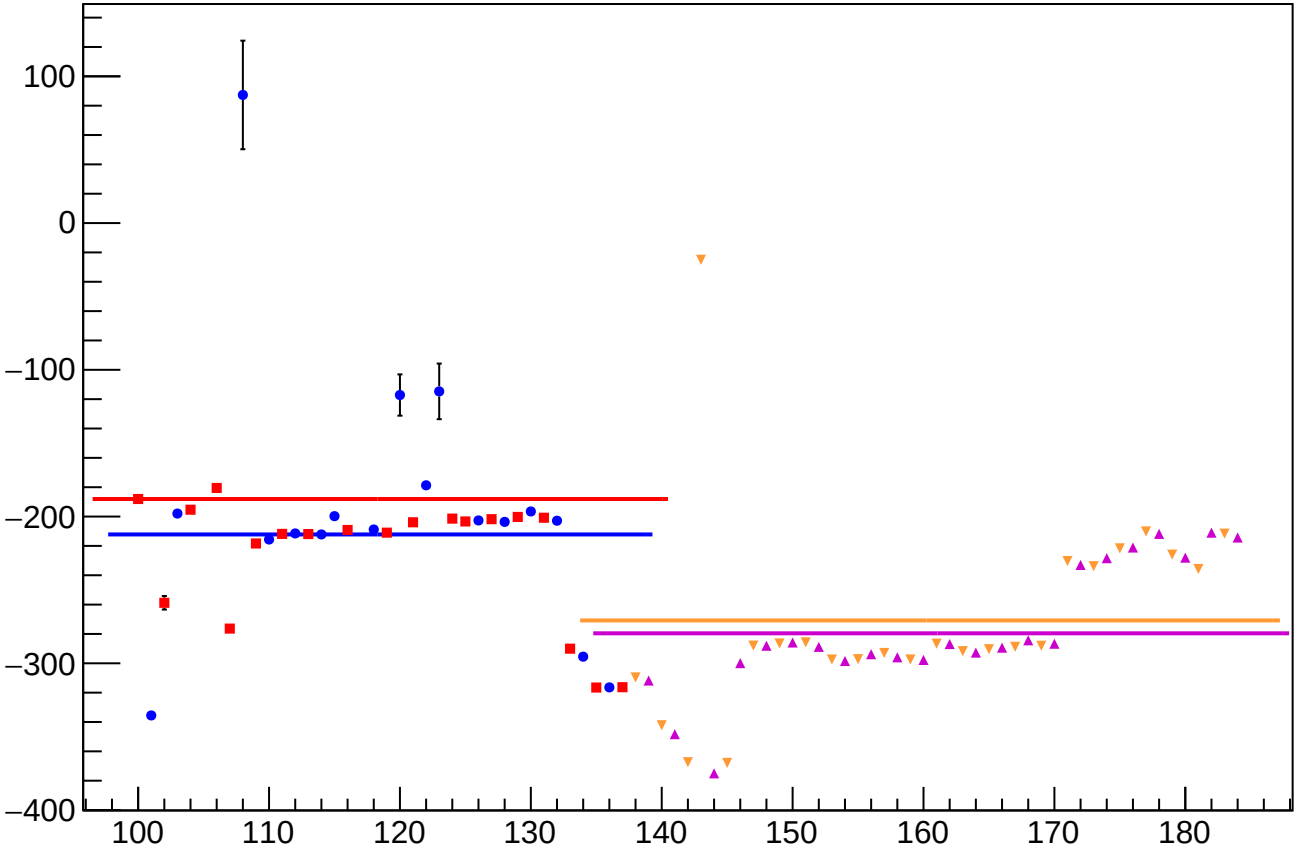
Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1419.769+/-0.204 χ^2/NDF:4459991.9/39

Out: 1381.425+/-0.207 χ^2/NDF:5848503.9/42

All: 1400.888+/-0.145 χ^2/NDF: 10325888.3/8

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -270.786+/-0.022 χ^2/NDF:6776473.2/23

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

Left: -275.328+/-0.016 χ^2/NDF: 9153788.1/46

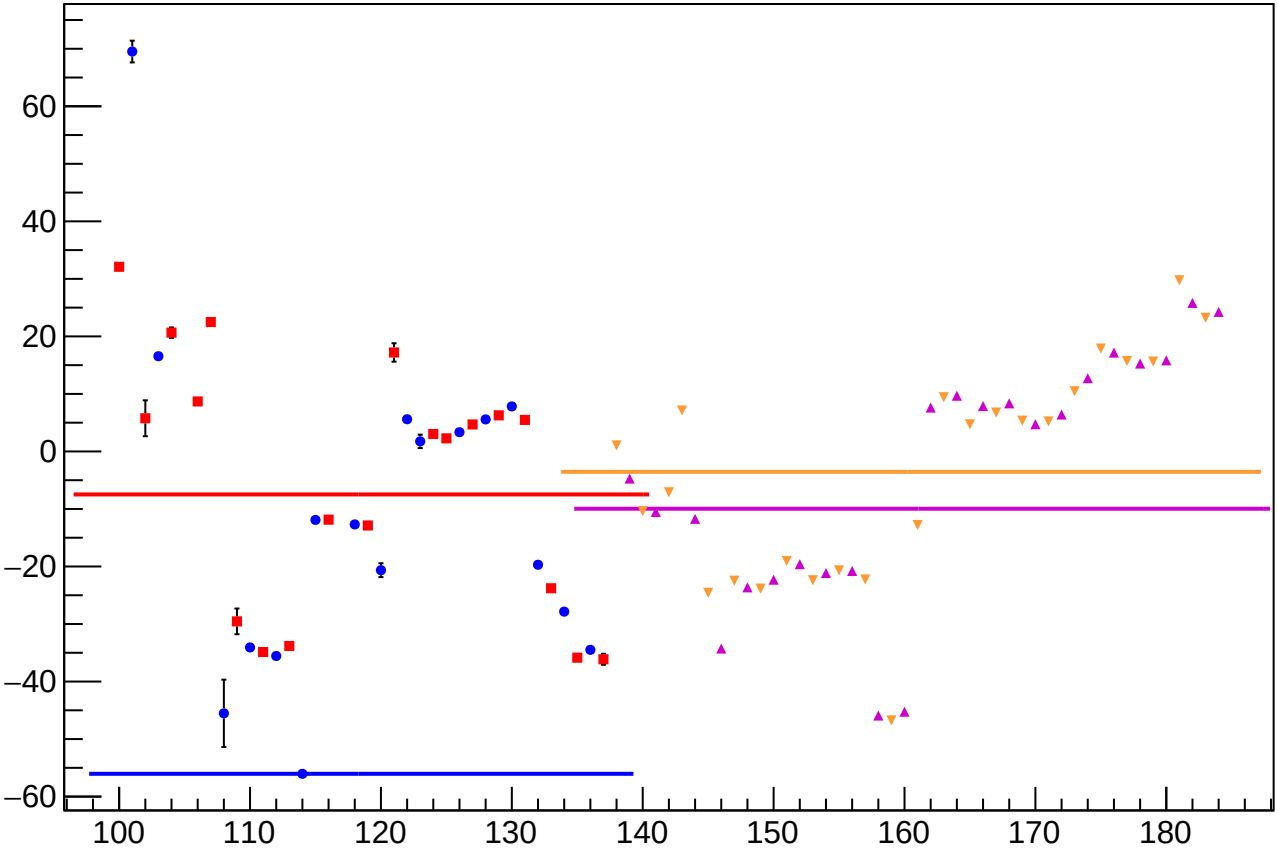
Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:13119022.9/39

Out: -188.033+/-0.000 χ^2/NDF:20983005.5/42

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: -3.543+/-0.018 χ^2/NDF:1382909.8/23

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

Left: -6.603+/-0.013 χ^2/NDF: 3135772.3/46

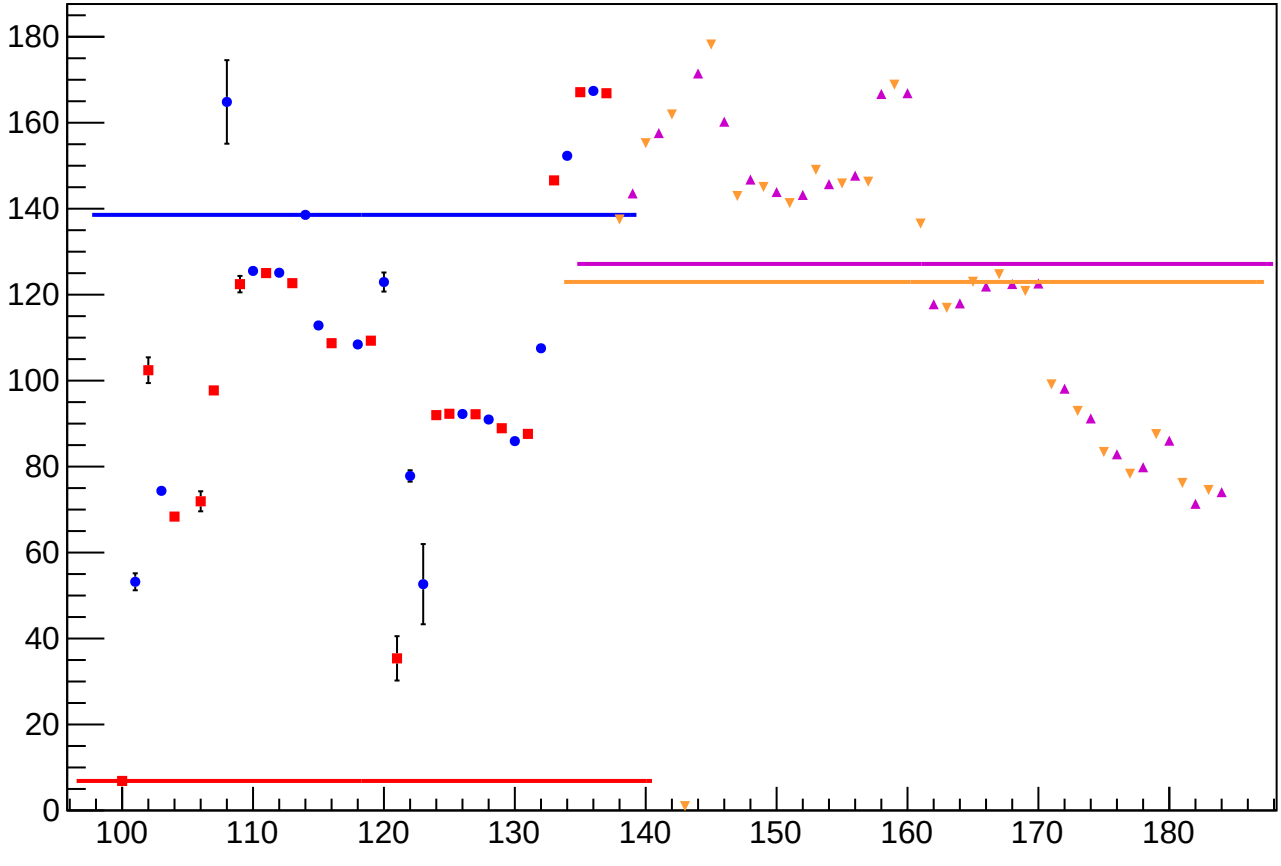
Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:9499617.9/39

Out: -4.129+/-0.016 χ^2/NDF:1564205.5/42

All: -56.037+/-0.000 χ^2/NDF: 21232291.9/82

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 122.958+/-0.025 χ^2/NDF:1528834.9/23

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

Left: 124.922+/-0.018 χ^2/NDF: 2882719.9/46

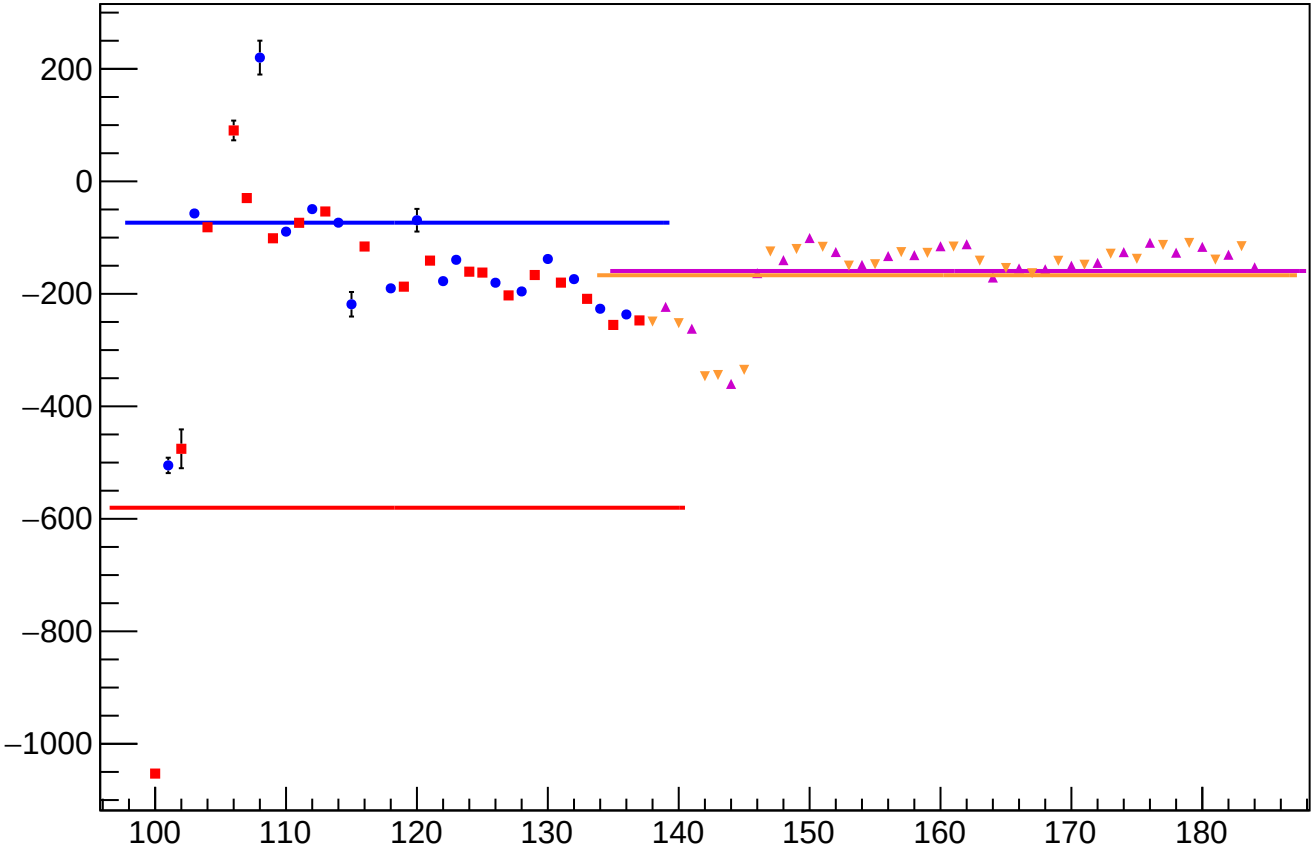
Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:2431608.8/39

Out: 6.866+/-0.000 χ^2/NDF:31897487.2/42

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: -166.934+/-0.234 χ^2/NDF:81631.1/23

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

Left: -163.224+/-0.167 χ^2/NDF: 156031.1/46

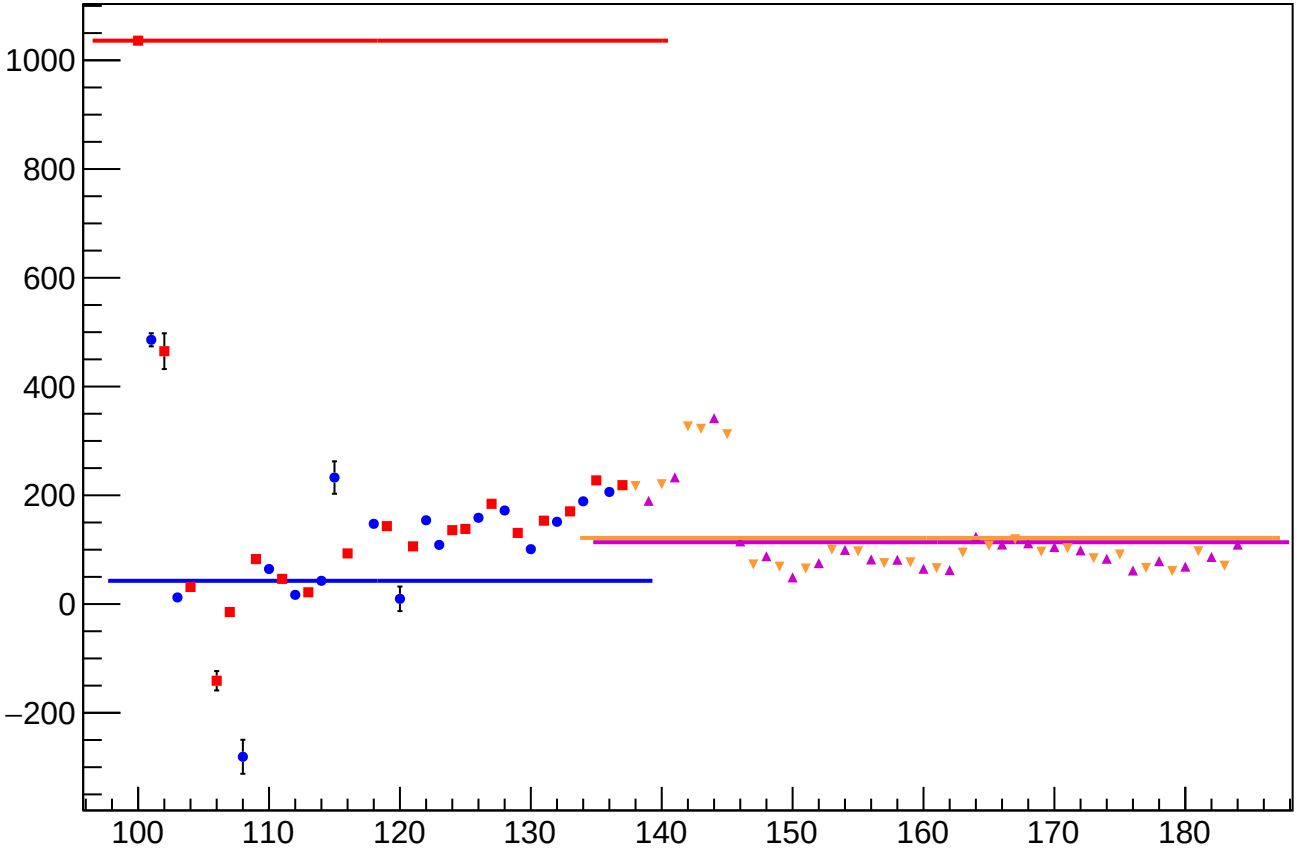
Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:301494.5/39

Out: -351.106+/-0.174 χ^2/NDF:4504284.6/42

All: -73.485+/-0.000 χ^2/NDF: 7346095.6/82

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 121.620+/-0.239 χ^2/NDF:95456.6/23

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

Left: 117.795+/-0.172 χ^2/NDF: 177870.9/46

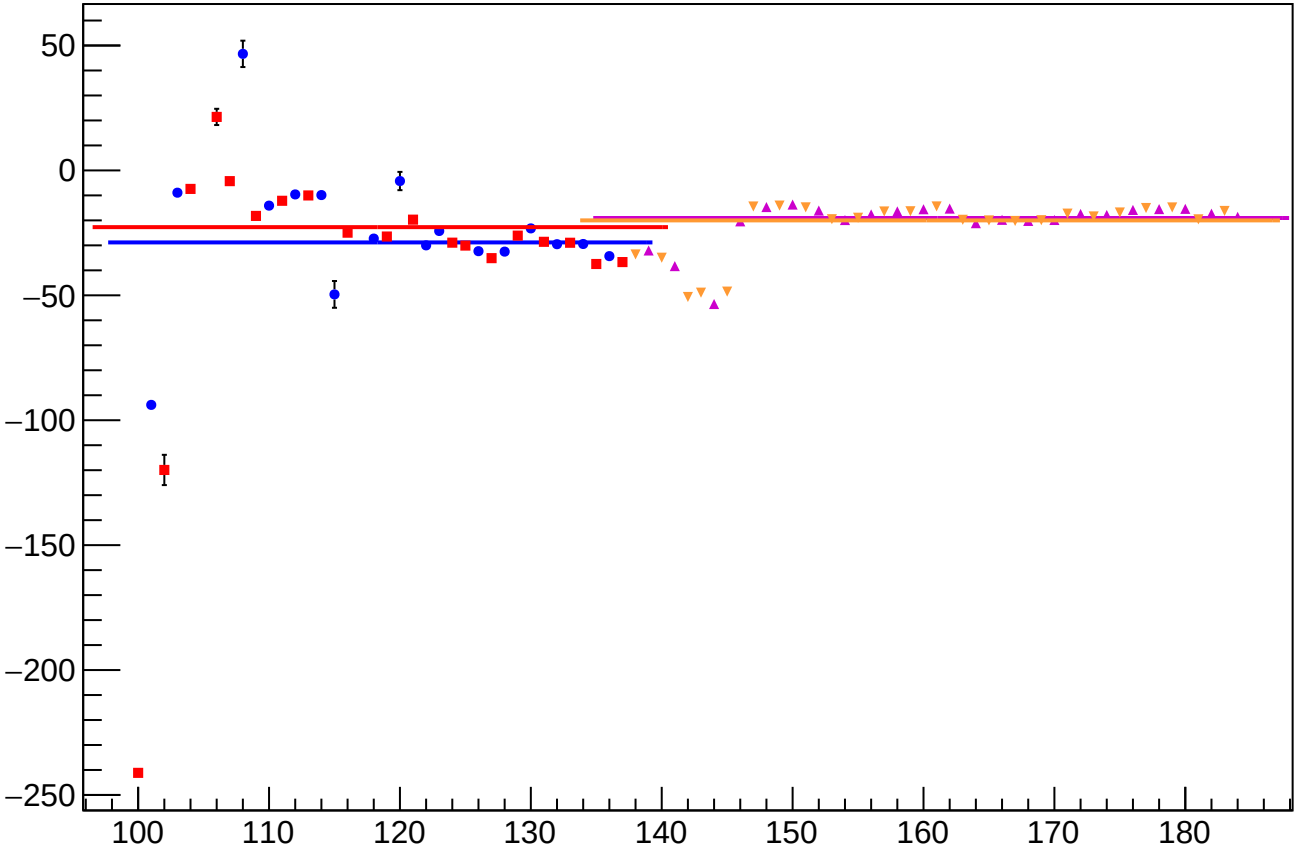
Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:249549.3/39

Out: 1036.068+/-0.000 χ^2/NDF:19660927.6/42

All: 43.272+/-0.000 χ^2/NDF: 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -20.002+/-0.012 χ^2/NDF:371773.6/23

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

Left: -19.583+/-0.009 χ^2/NDF: 589149.1/46

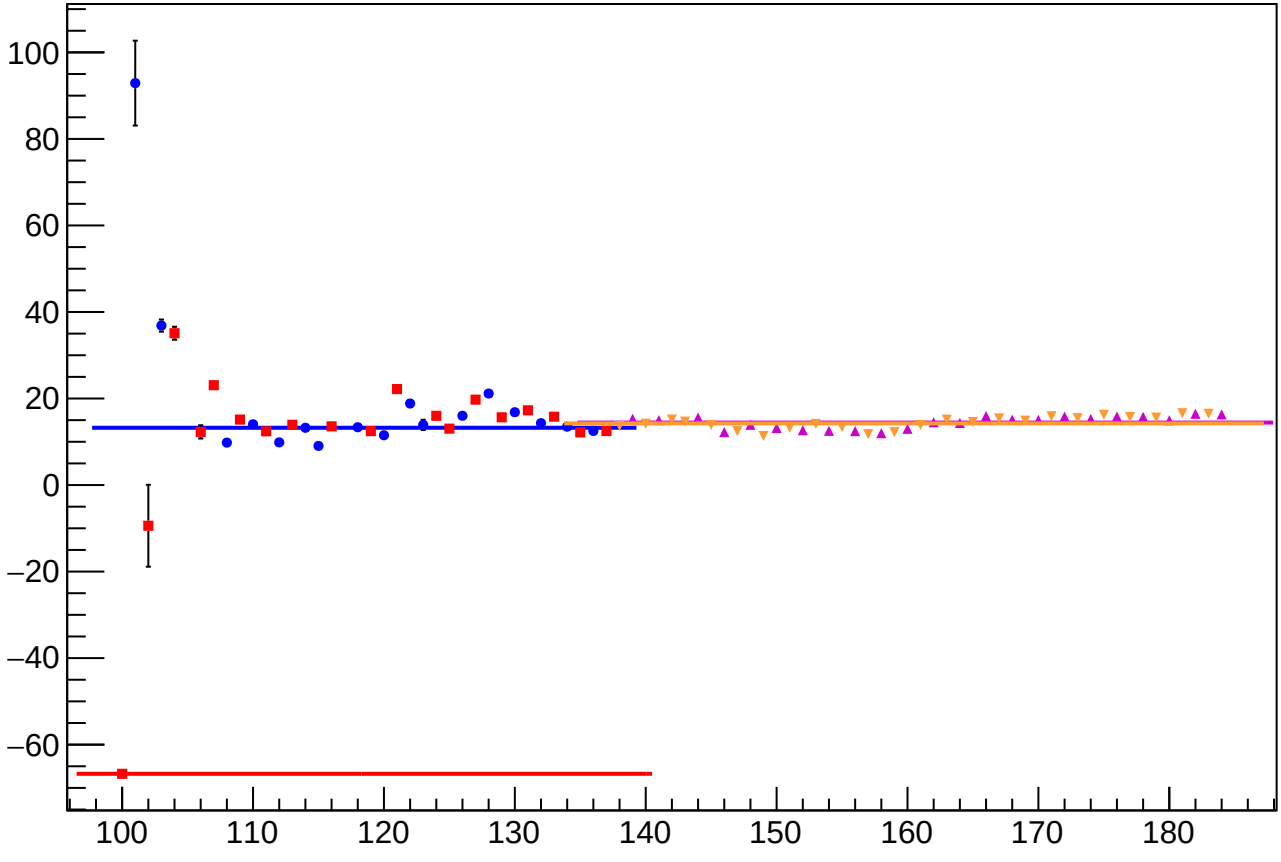
Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -20.404+/-0.013 χ^2/NDF:332437.0/39

Out: -20.258+/-0.012 χ^2/NDF:786515.3/42

All: -20.324+/-0.009 χ^2/NDF: 1119021.8/82

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.250+/-0.012 χ^2/NDF:12363.1/23

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

Left: 14.349+/-0.008 χ^2/NDF: 25447.4/46

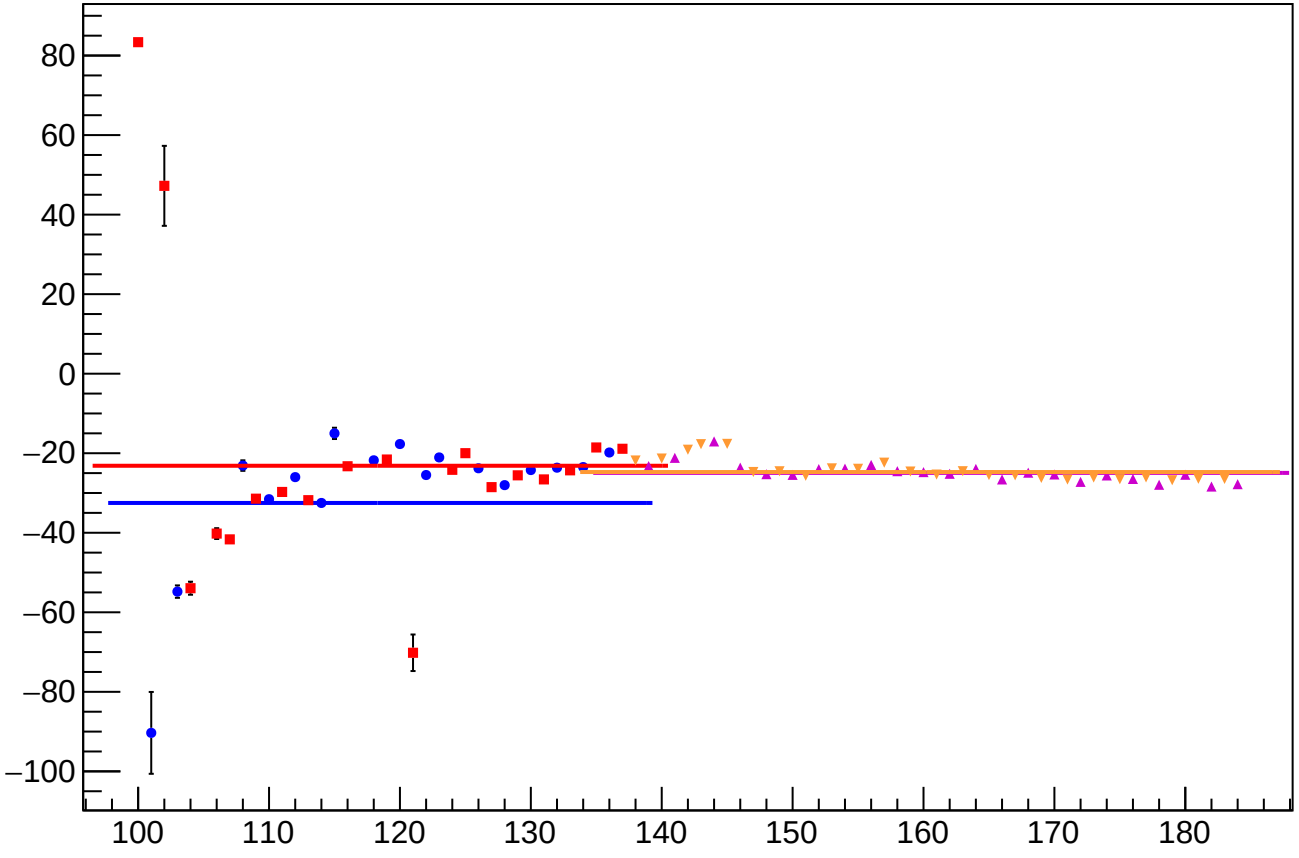
Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:29377.9/39

Out: -66.739+/-0.000 χ^2/NDF:47462584.7/42

All: 12.562+/-0.000 χ^2/NDF: 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504+/-0.000 χ^2/NDF: 74187.4/16

Left Out: -24.729+/-0.015 χ^2/NDF:22603.5/23

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

Left: -24.840+/-0.011 χ^2/NDF: 36755.6/46

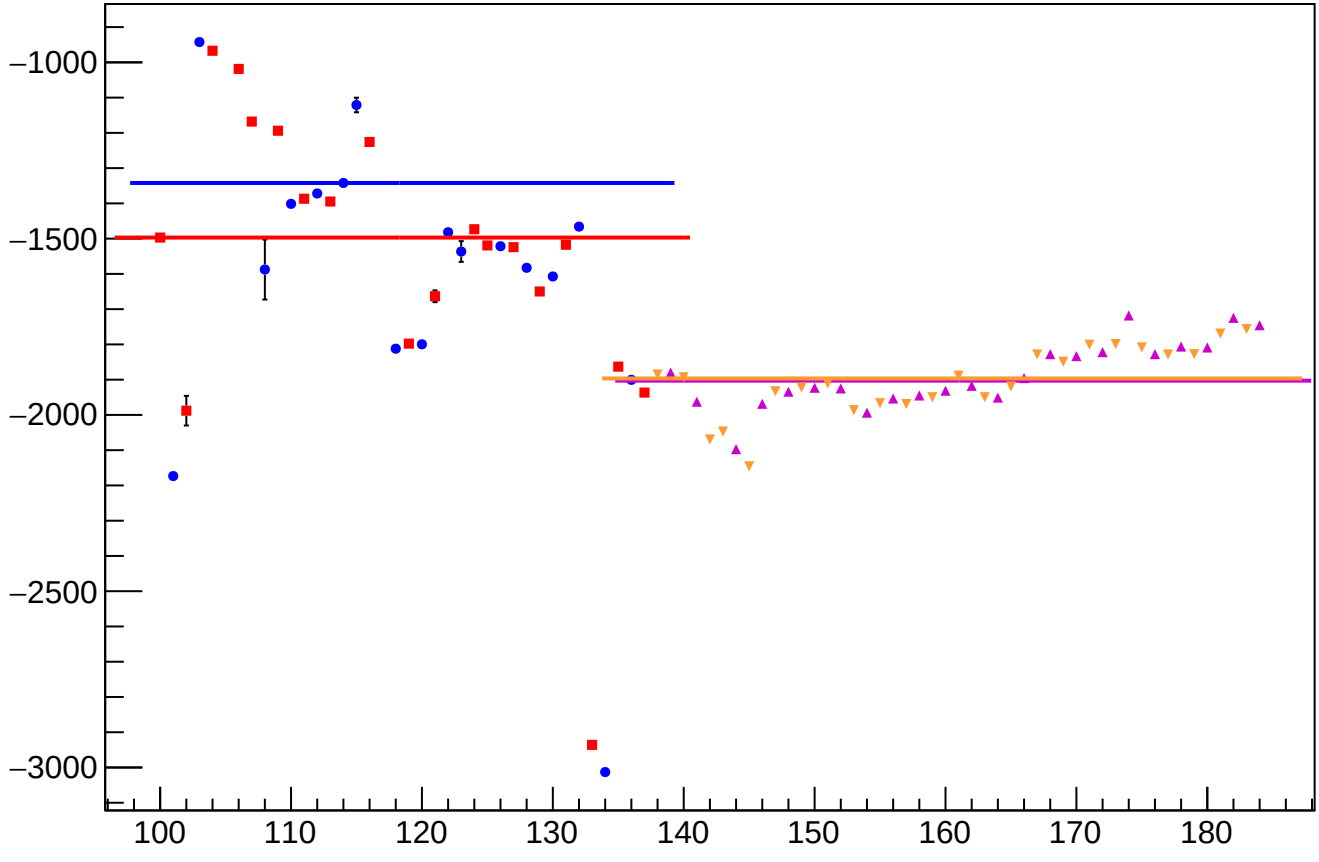
Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:336138.3/39

Out: -24.580+/-0.015 χ^2/NDF:114347.0/42

All: -32.504+/-0.000 χ^2/NDF: 743139.5/82

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1896.500+/-0.319 χ^2/NDF:63548.8/23

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

Left: -1899.966+/-0.214 χ^2/NDF: 132972.2/46

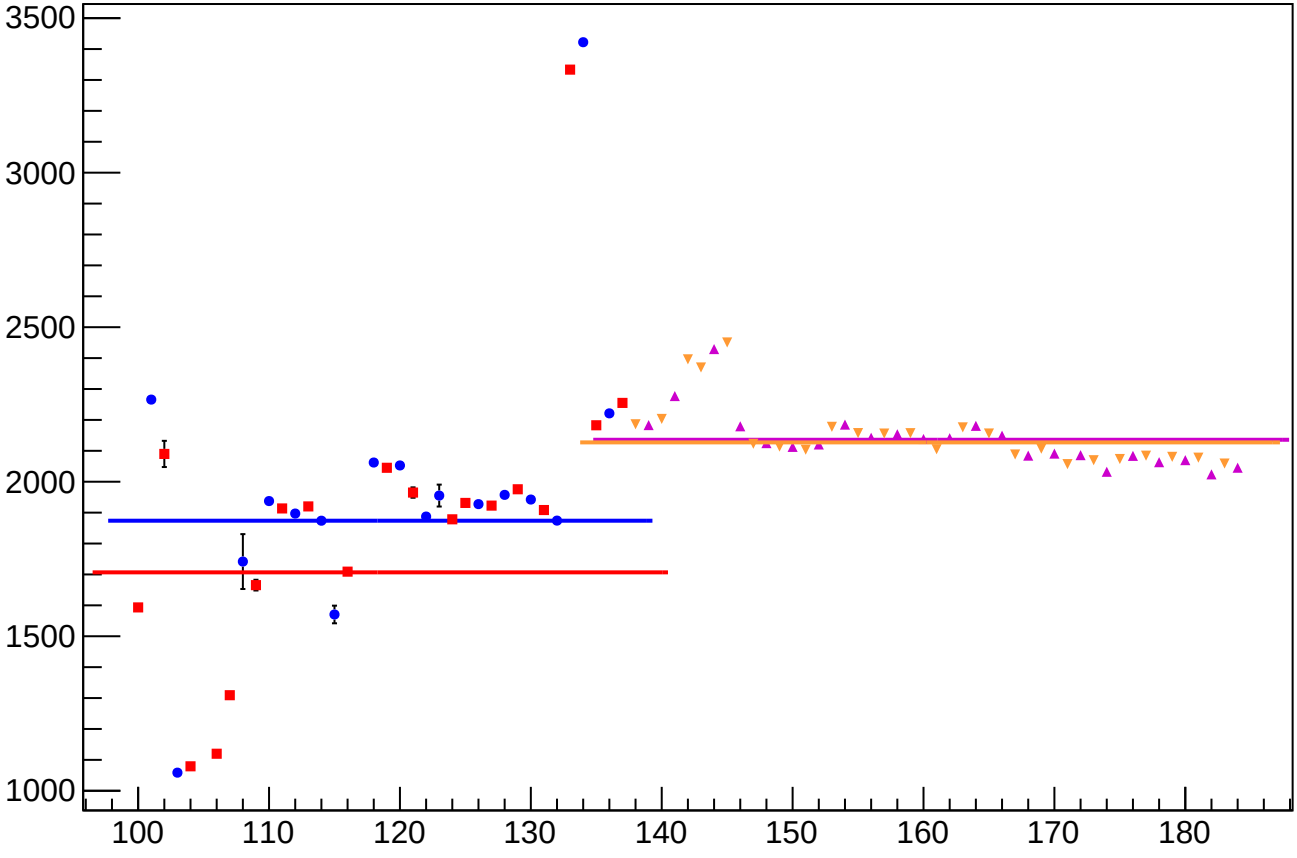
Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:4210196.7/39

Out: -1496.932+/-0.000 χ^2/NDF:2135385.9/42

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: 2127.276+/-0.319 χ^2/NDF:46678.5/23

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

Left: 2131.927+/-0.214 χ^2/NDF: 105099.2/46

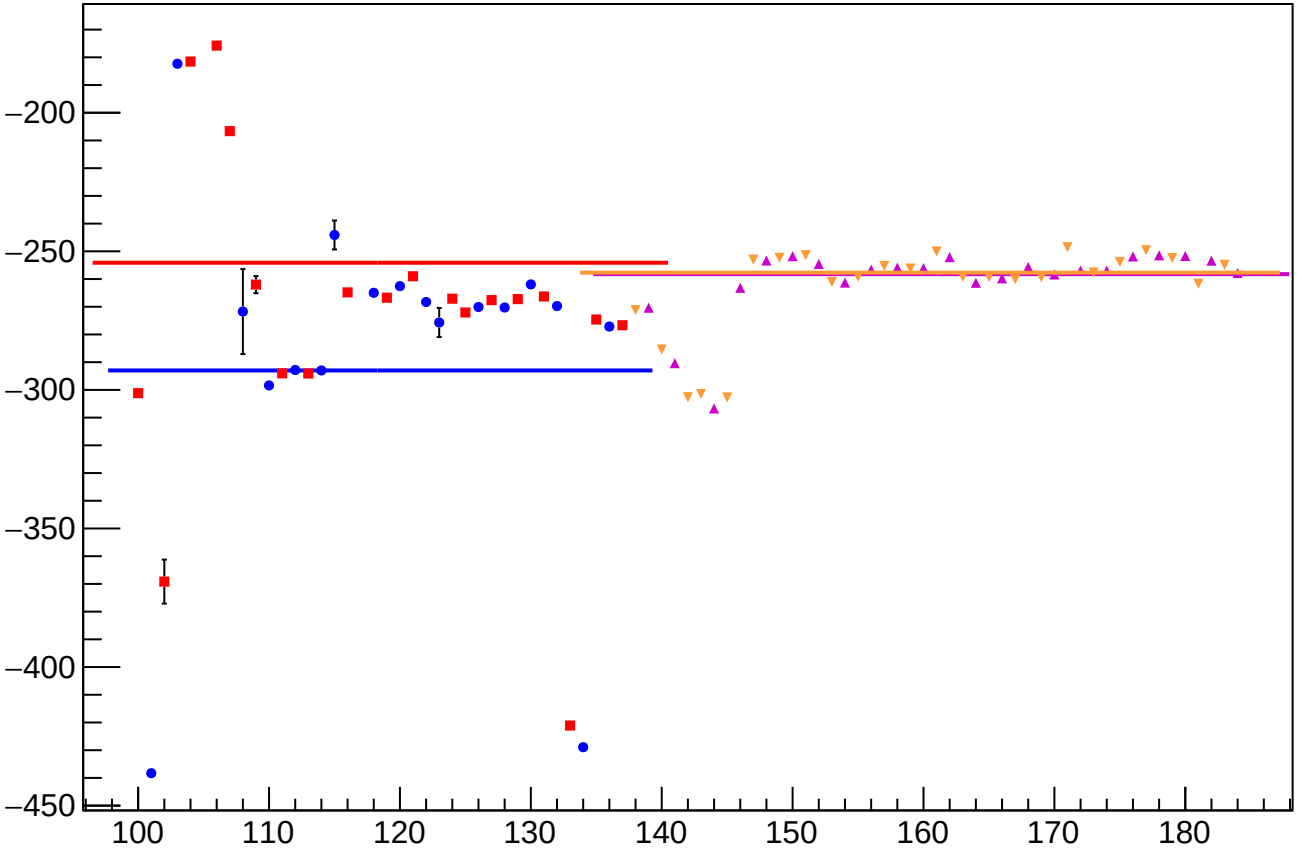
Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:1078041.8/39

Out: 1906.083+/-0.219 χ^2/NDF:1801394.2/42

All: 1873.852+/-0.000 χ^2/NDF: 2901035.1/82

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -257.688+/-0.020 χ^2/NDF:225625.2/23

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

Left: -258.000+/-0.013 χ^2/NDF: 494246.4/46

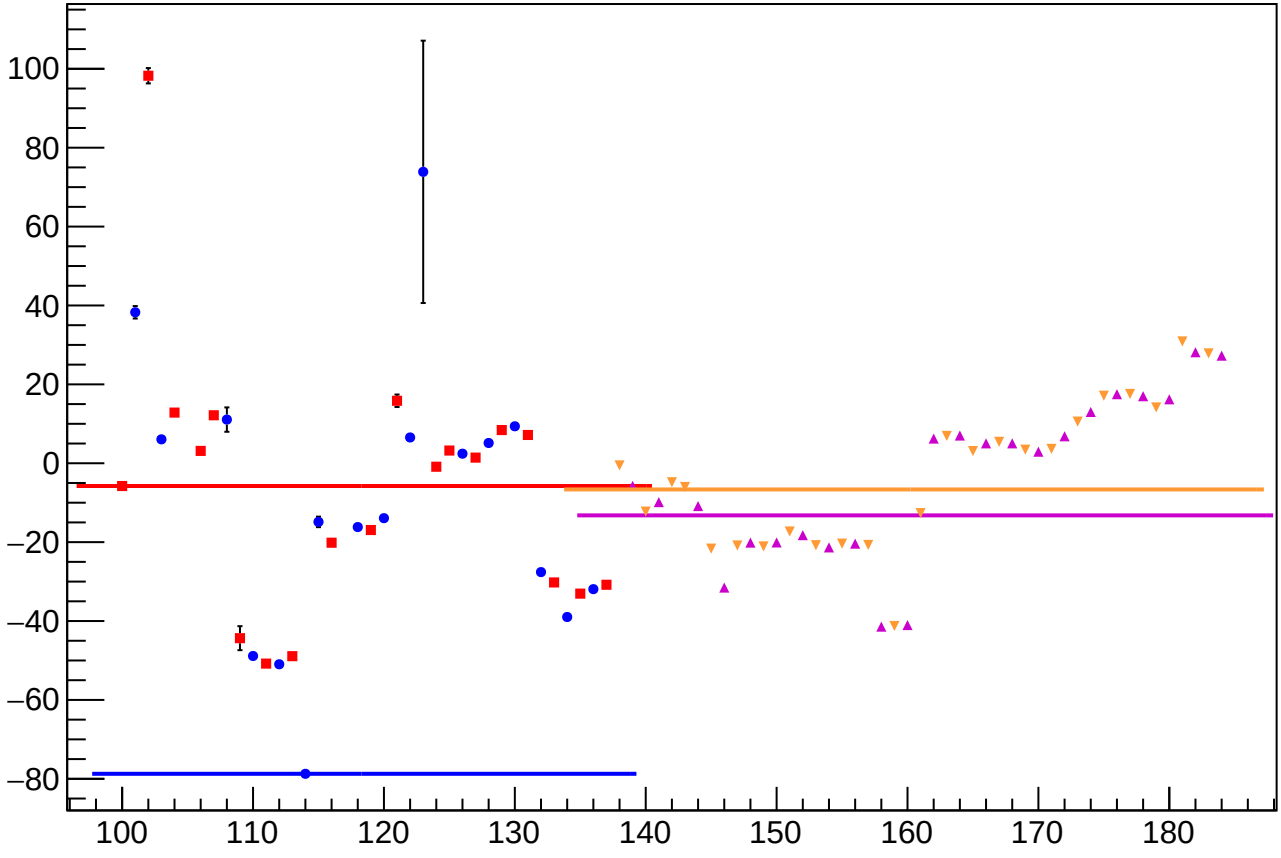
Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:5230427.2/39

Out: -257.323+/-0.019 χ^2/NDF:731568.7/42

All: -292.986+/-0.000 χ^2/NDF: 9533325.0/82

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -6.642+/-0.018 χ^2/NDF:1106241.7/23

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

Left: -10.096+/-0.012 χ^2/NDF: 2533807.4/46

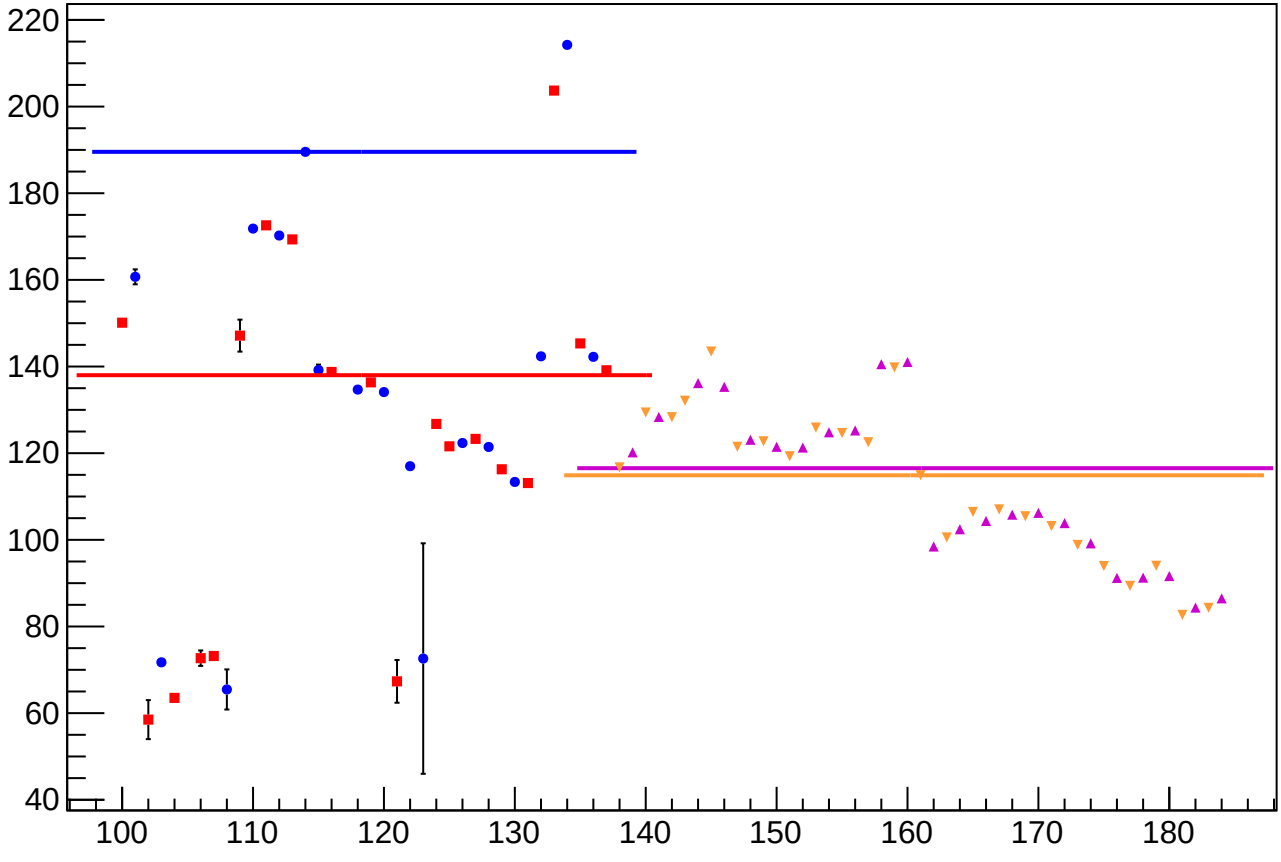
Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:17751896.7/39

Out: -5.769+/-0.000 χ^2/NDF:1220212.6/42

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: 114.896+/-0.023 χ^2/NDF:405907.8/23

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

Left: 115.687+/-0.016 χ^2/NDF: 866541.9/46

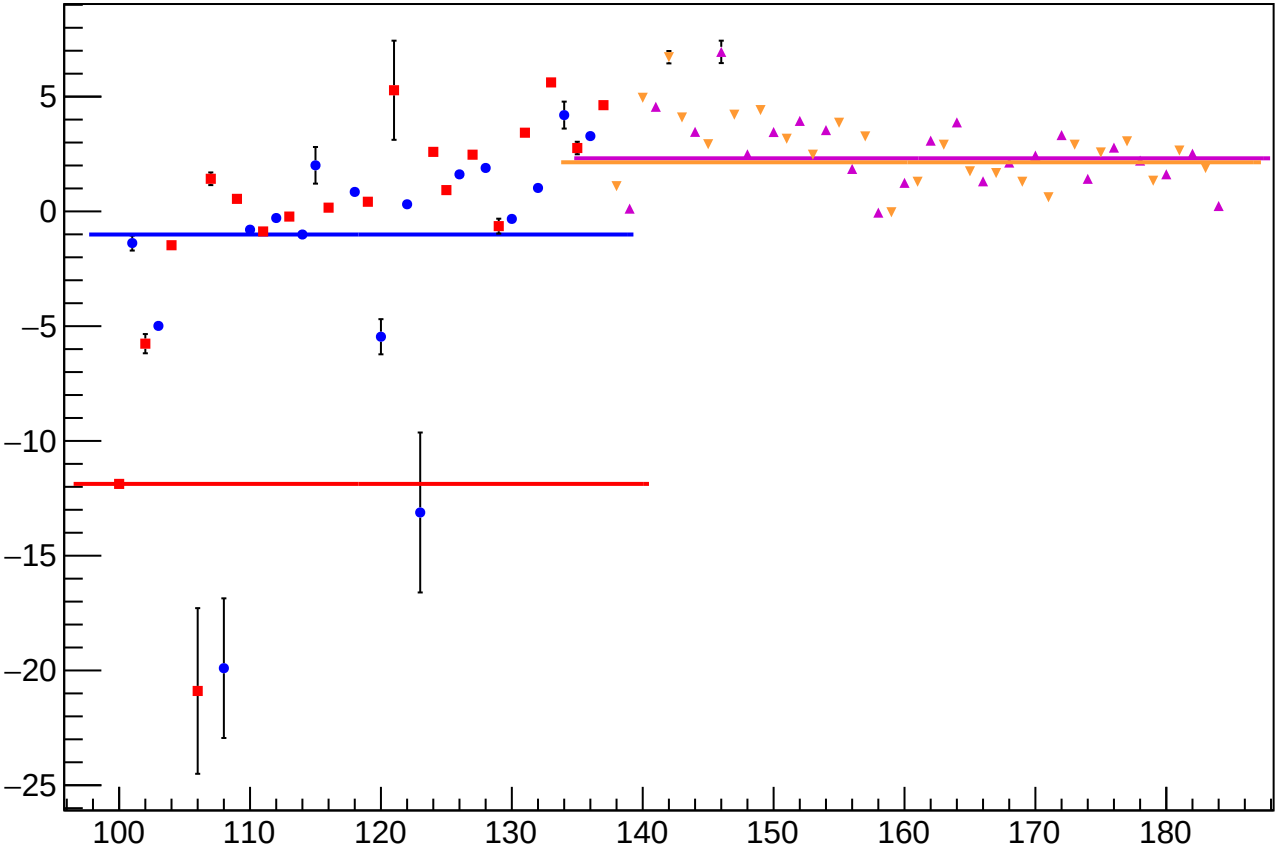
Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:10947333.0/39

Out: 117.884+/-0.021 χ^2/NDF:656508.7/42

All: 189.551+/-0.000 χ^2/NDF: 22988558.1/82

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.140+/-0.015 χ^2/NDF:6582.6/23

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

Left: 2.231+/-0.010 χ^2/NDF: 14100.9/46

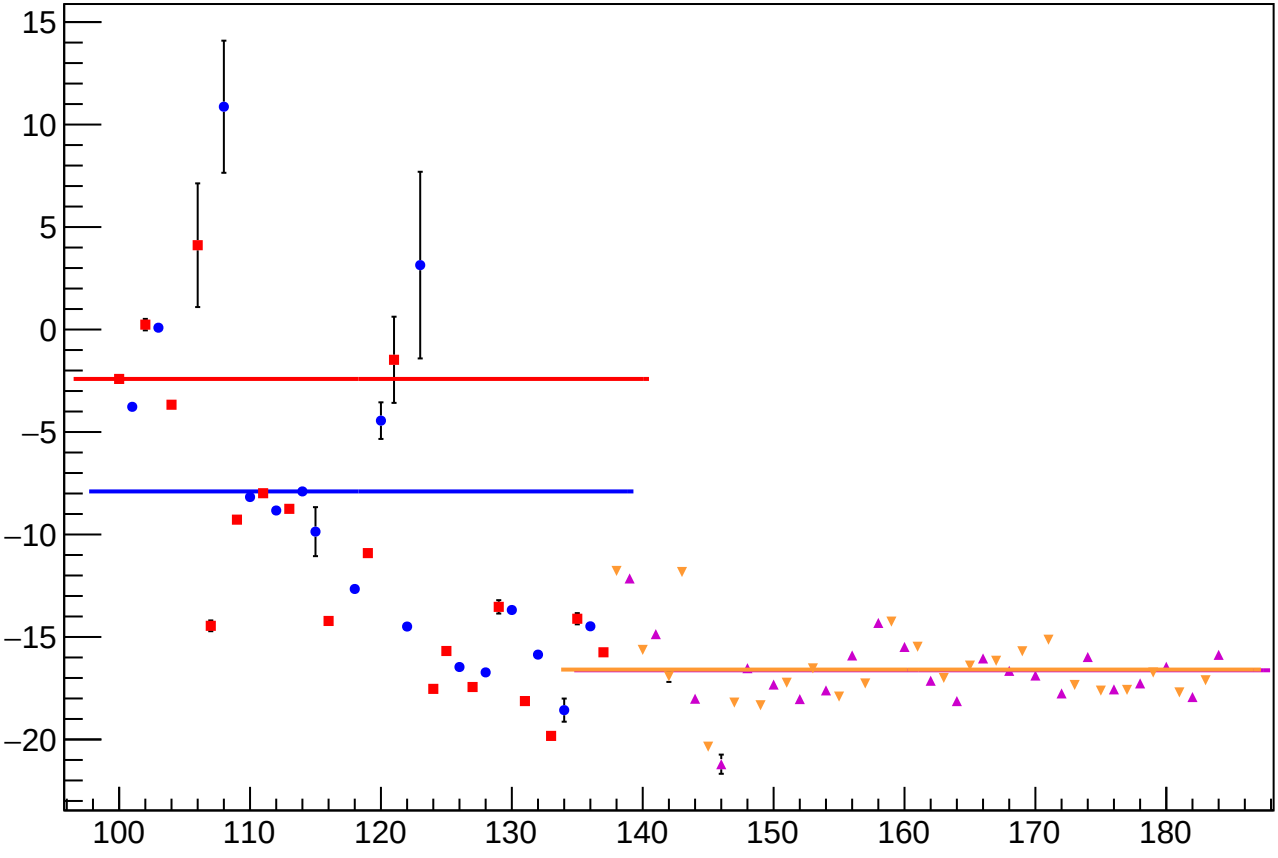
Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:70228.0/39

Out: -11.872+/-0.000 χ^2/NDF:1410982.3/42

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: -16.591+/-0.014 χ^2/NDF:8425.3/23

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

Left: -16.608+/-0.010 χ^2/NDF: 14717.6/46

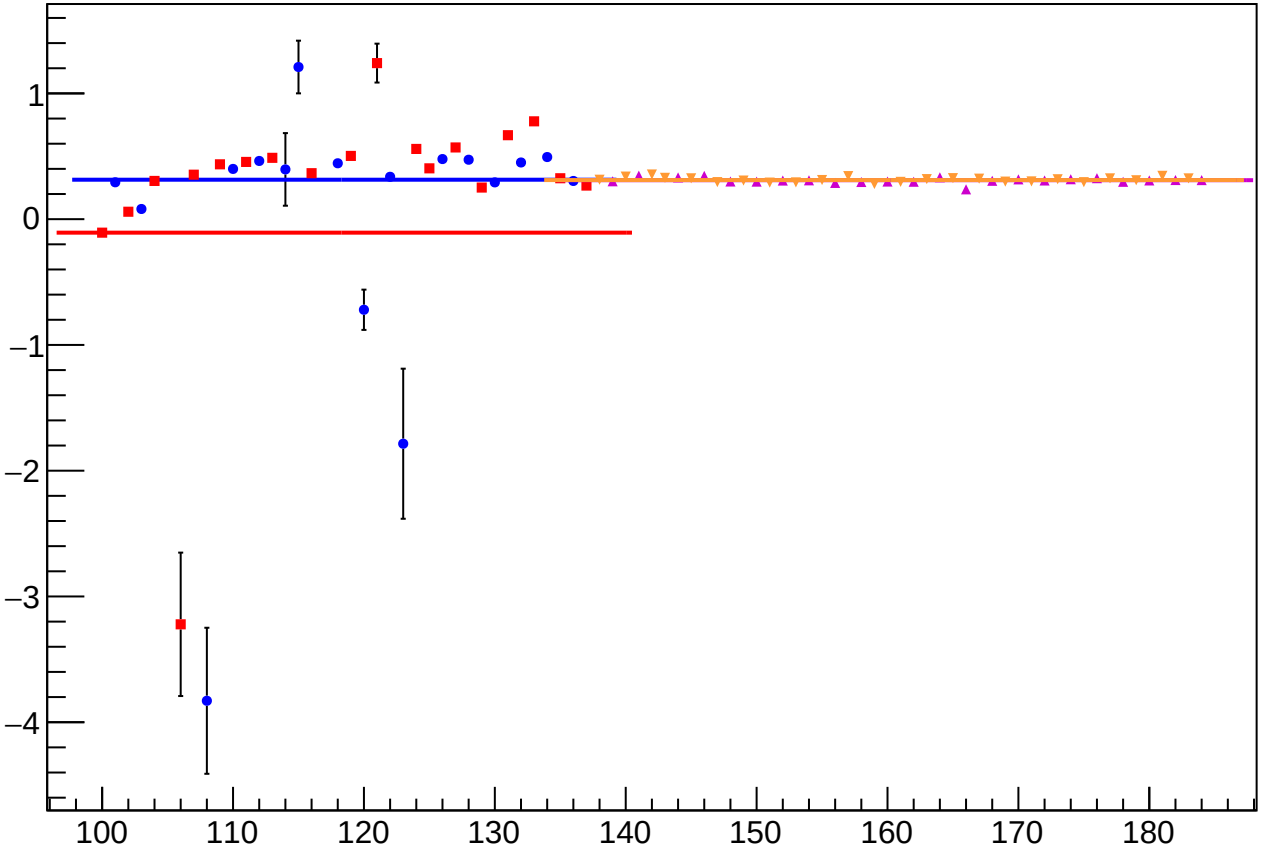
Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:398540.8/39

Out: -2.410+/-0.000 χ^2/NDF:1170799.1/42

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: 0.311+/-0.000 χ^2/NDF:4966.9/23

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

Left: 0.310+/-0.000 χ^2/NDF: 8049.8/46

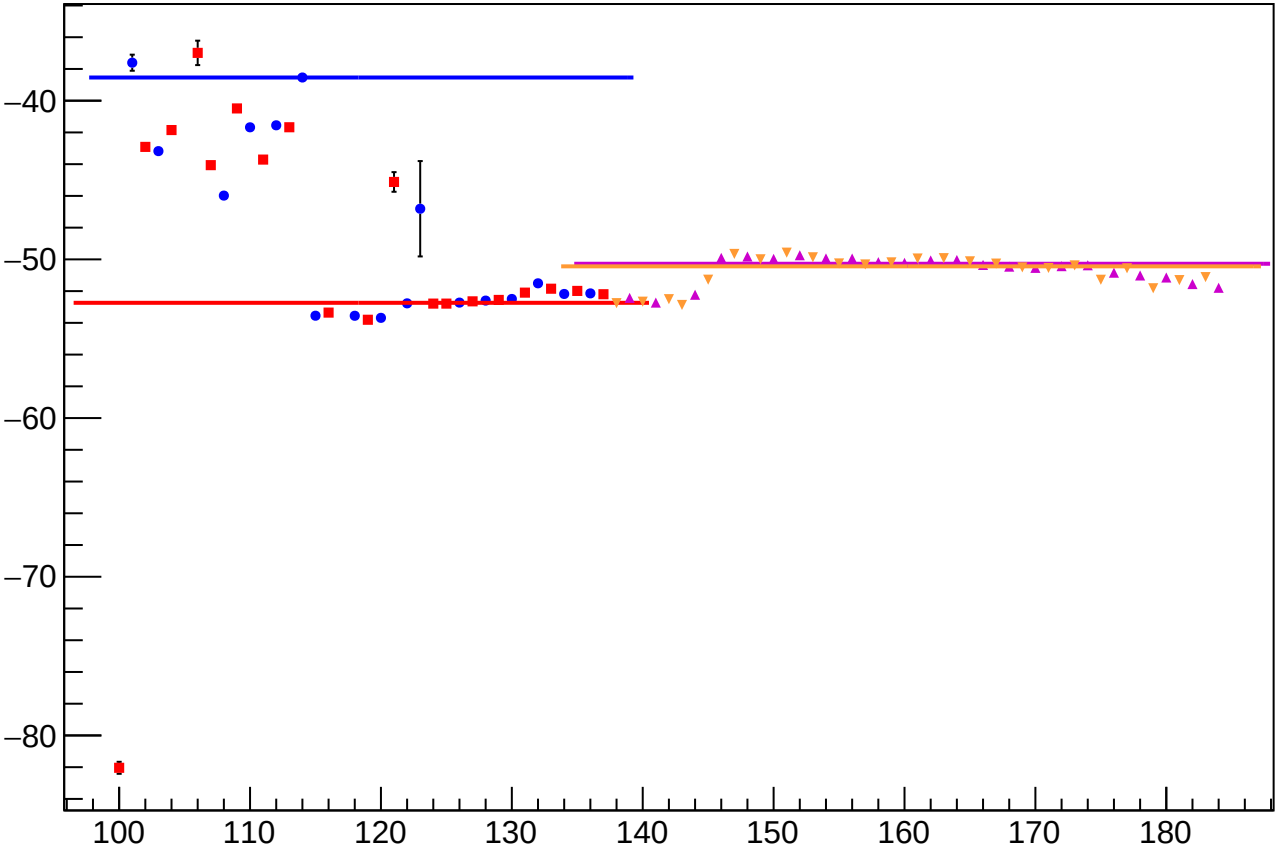
Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.310+/-0.000 χ^2/NDF:5837.0/39

Out: -0.107+/-0.000 χ^2/NDF:3547476.9/42

All: -0.107+/-0.000 χ^2/NDF: 7042096.7/82

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.439+/-0.001 χ^2/NDF:299881.1/23

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

Left: -50.349+/-0.001 χ^2/NDF: 497802.2/46

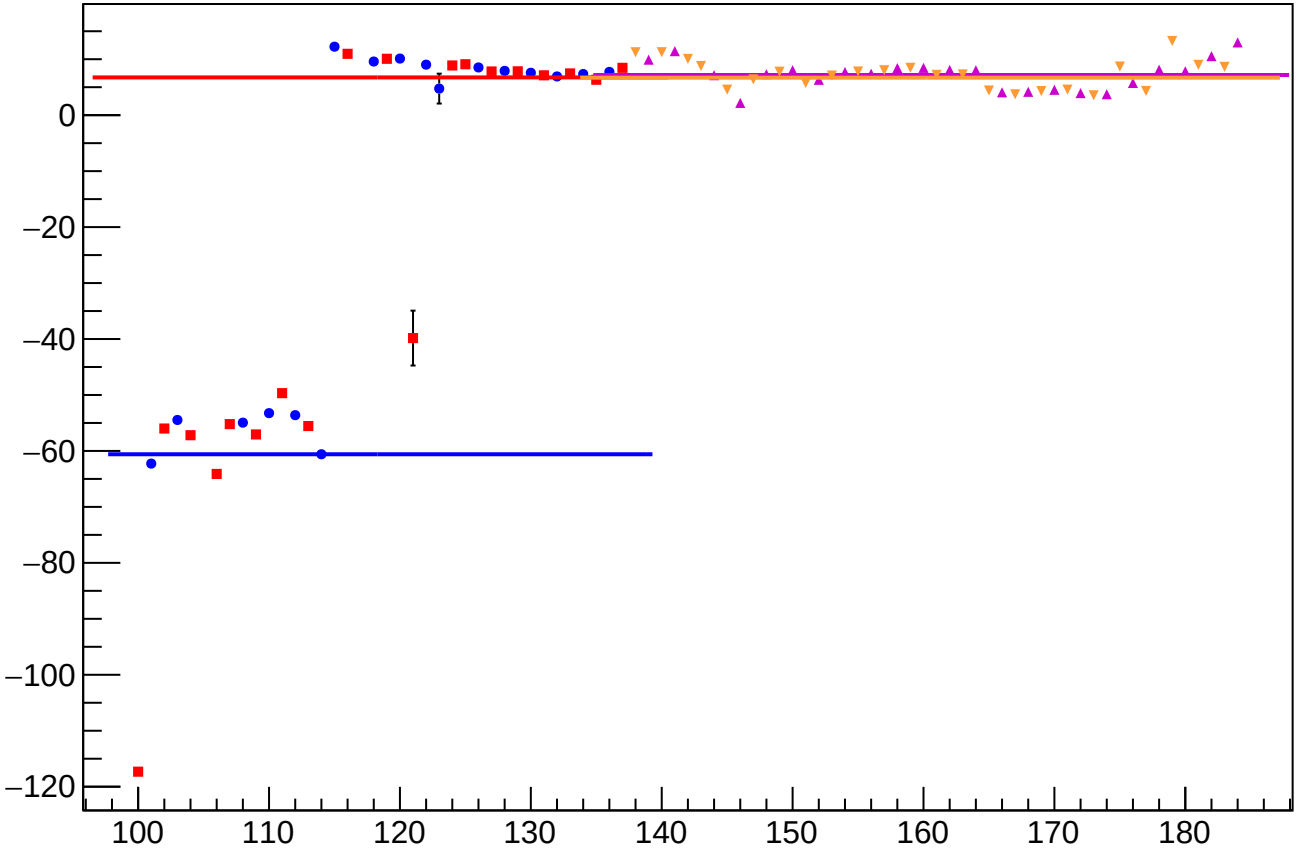
Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:103109915.6/39

Out: -51.248+/-0.001 χ^2/NDF:1355635.7/42

All: -38.539+/-0.000 χ^2/NDF: 234385338.4/8

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 6.699+/-0.004 χ^2/NDF:328396.6/23

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

Left: 6.957+/-0.003 χ^2/NDF: 551450.3/46

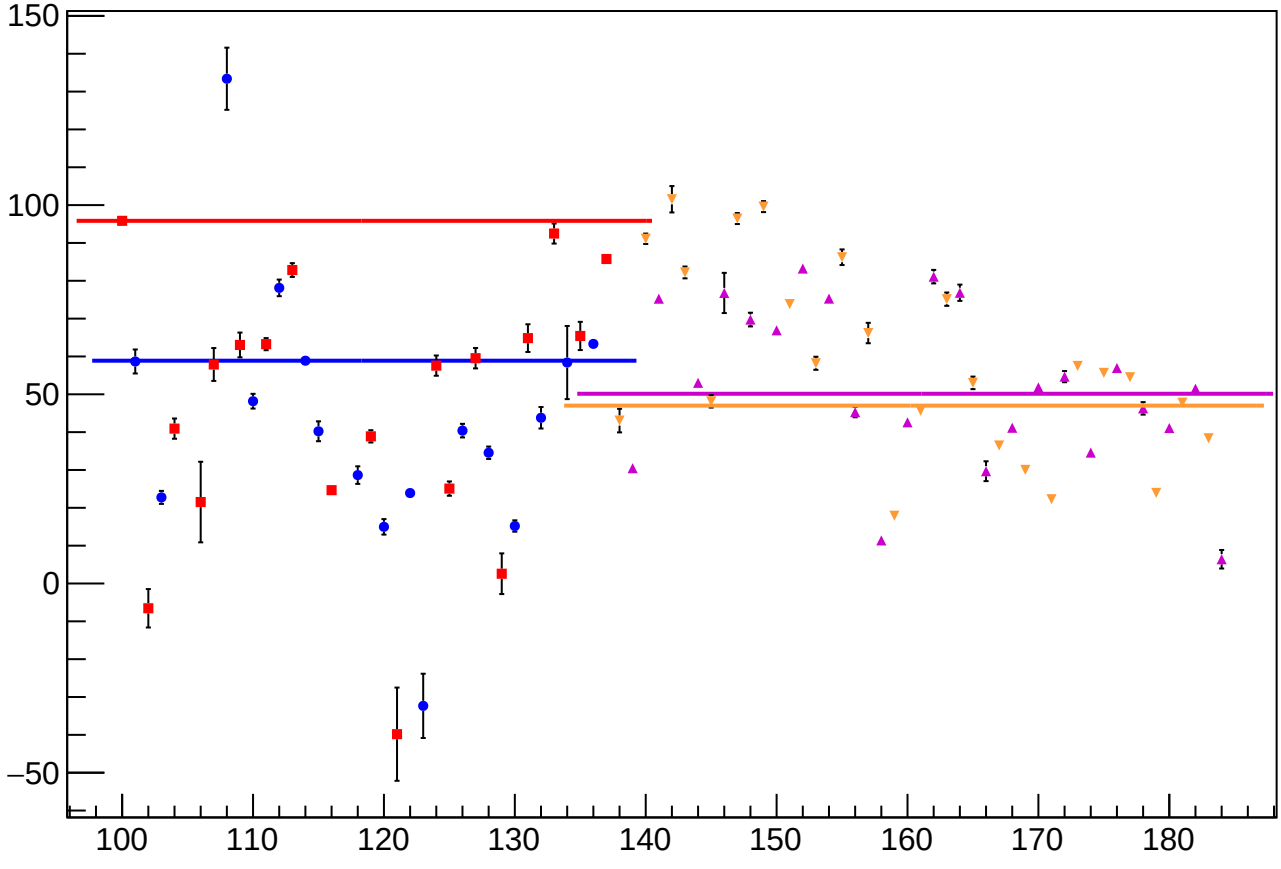
Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:410193700.0/39

Out: 6.704+/-0.004 χ^2/NDF:1595012.7/42

All: -60.594+/-0.000 χ^2/NDF: 776903531.2/8

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 47.008+/-0.217 χ^2/NDF:9203.6/23

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

Left: 48.619+/-0.152 χ^2/NDF: 15978.2/46

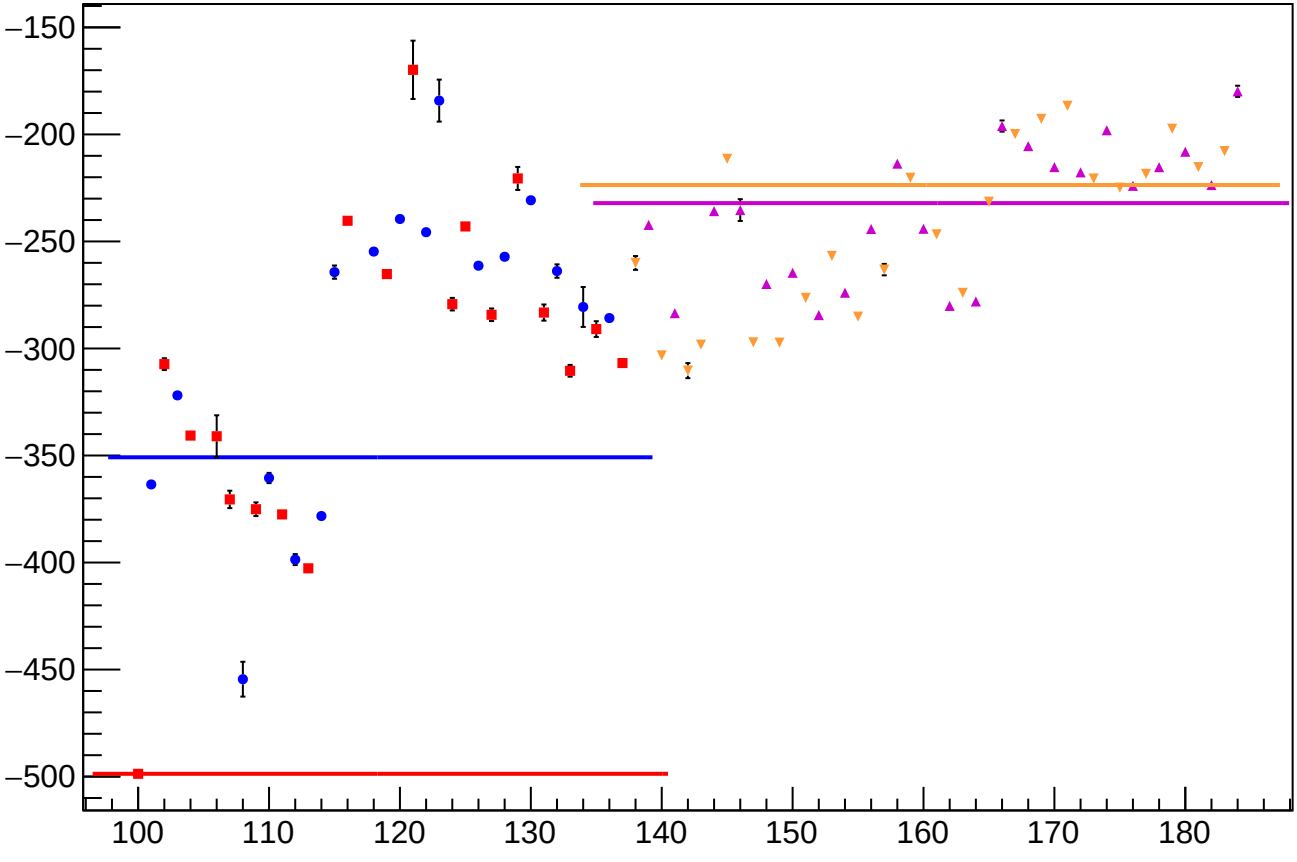
Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:12188.3/39

Out: 95.846+/-0.000 χ^2/NDF:99057.8/42

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: -223.639+/-0.218 χ^2/NDF:22205.8/23

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

Left: -227.873+/-0.154 χ^2/NDF: 40429.1/46

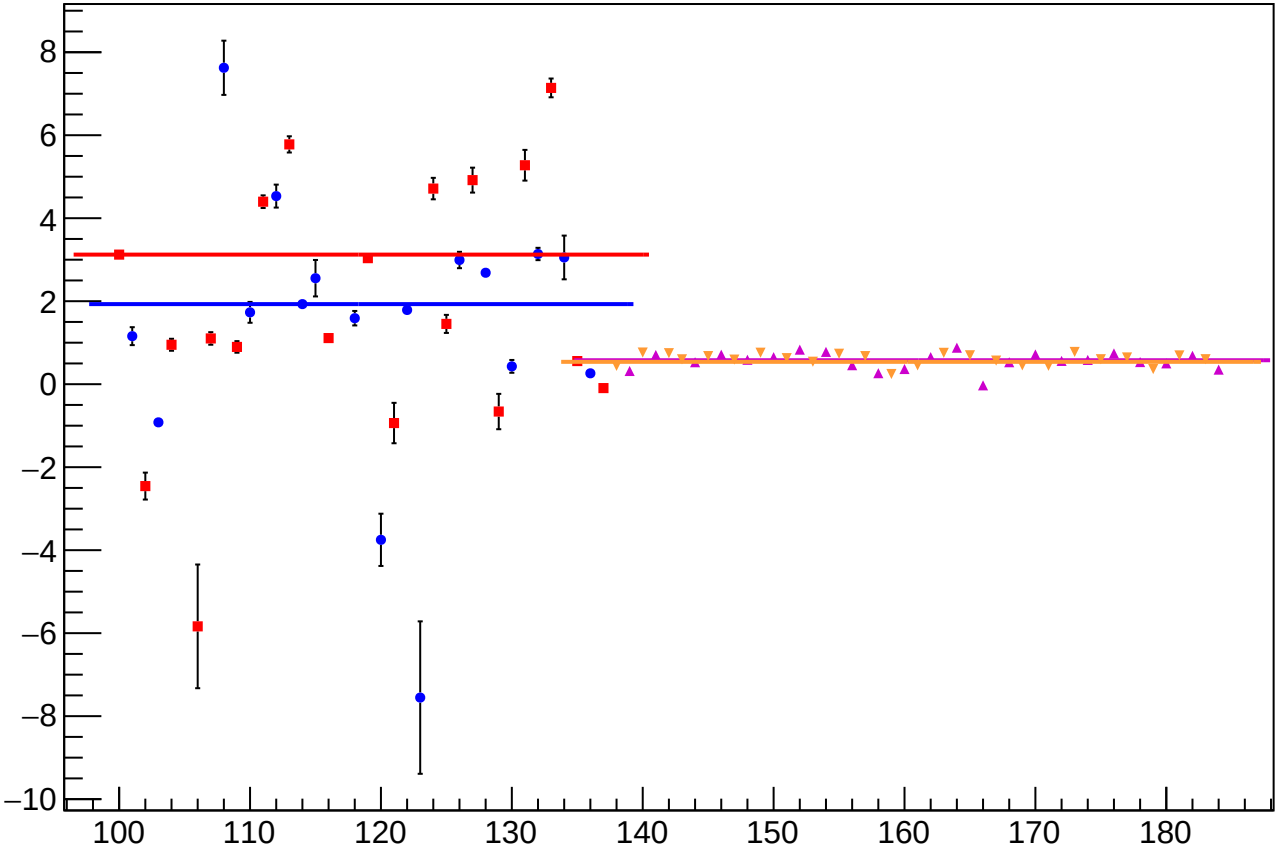
Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -284.516+/-0.162 χ^2/NDF:190454.9/39

Out: -498.692+/-0.000 χ^2/NDF:2129832.9/42

All: -498.692+/-0.000 χ^2/NDF: 4057870.7/82

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.539+/-0.002 χ^2/NDF:10792.3/23

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

Left: 0.561+/-0.001 χ^2/NDF: 26625.6/46

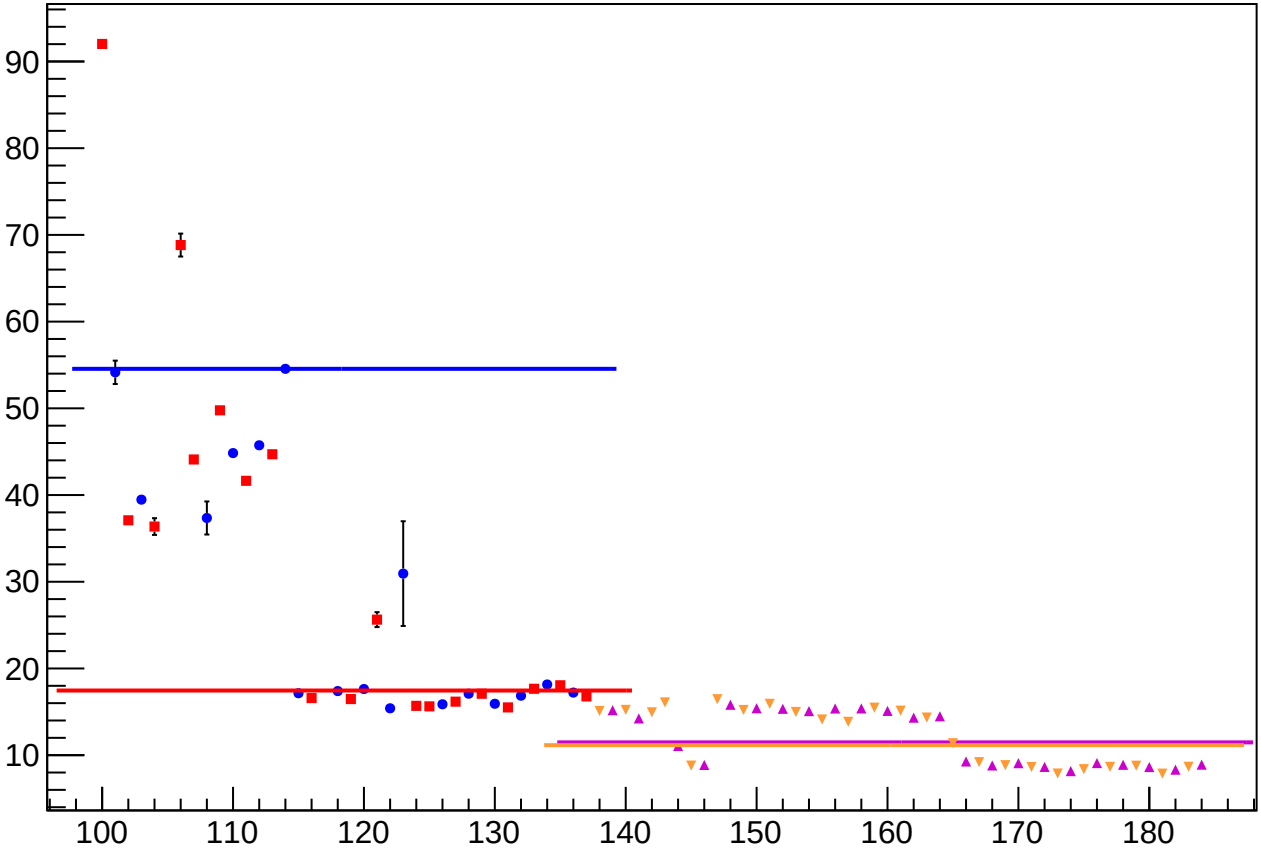
Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:944701.6/39

Out: 3.123+/-0.000 χ^2/NDF:2884194.1/42

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: 11.154+/-0.005 χ^2/NDF:374432.1/23

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

Left: 11.321+/-0.004 χ^2/NDF: 757570.3/46

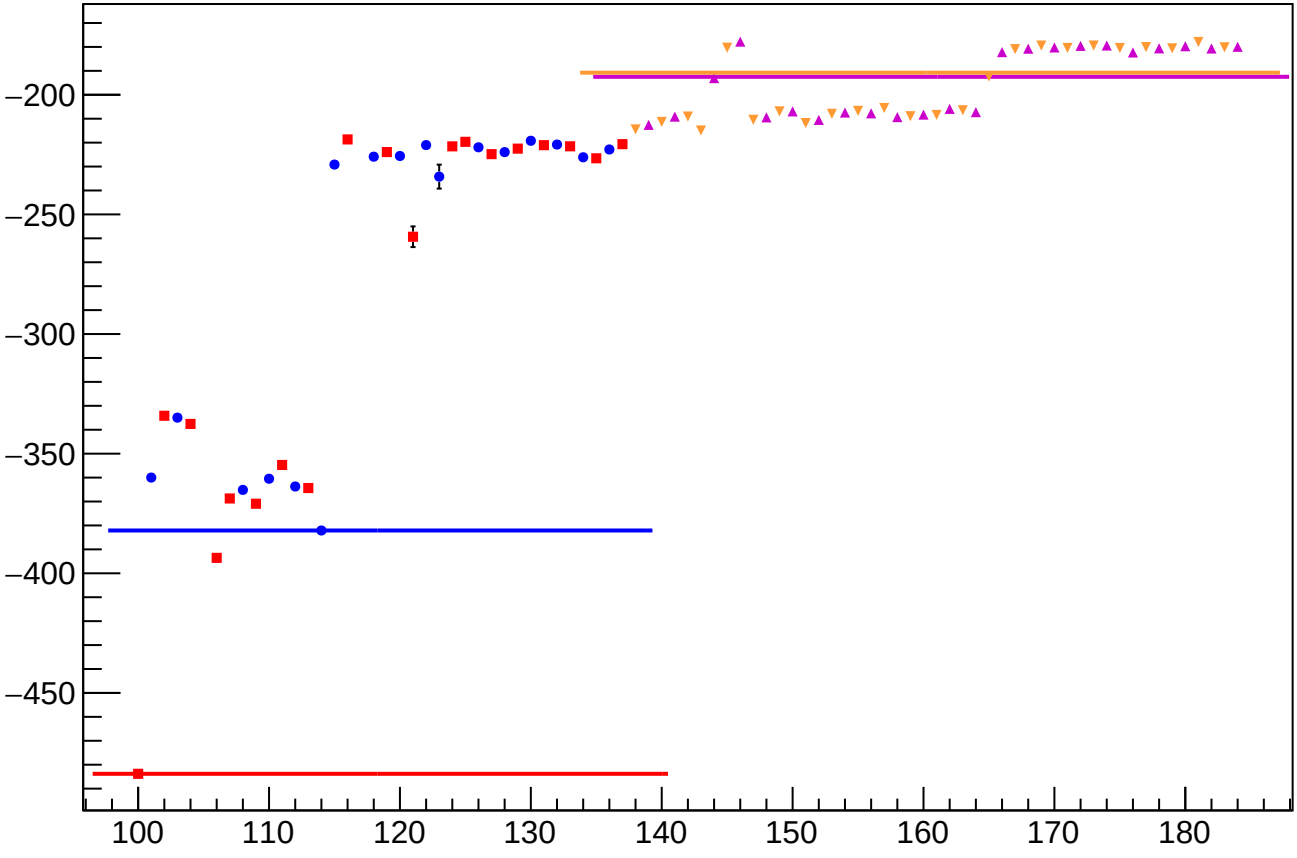
Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:75565168.9/39

Out: 11.660+/-0.005 χ^2/NDF:583083.1/42

All: 54.556+/-0.000 χ^2/NDF: 144716272.4/82

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -190.763+/-0.011 χ^2/NDF:1595887.0/23

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

Left: -191.609+/-0.008 χ^2/NDF: 3108474.3/46

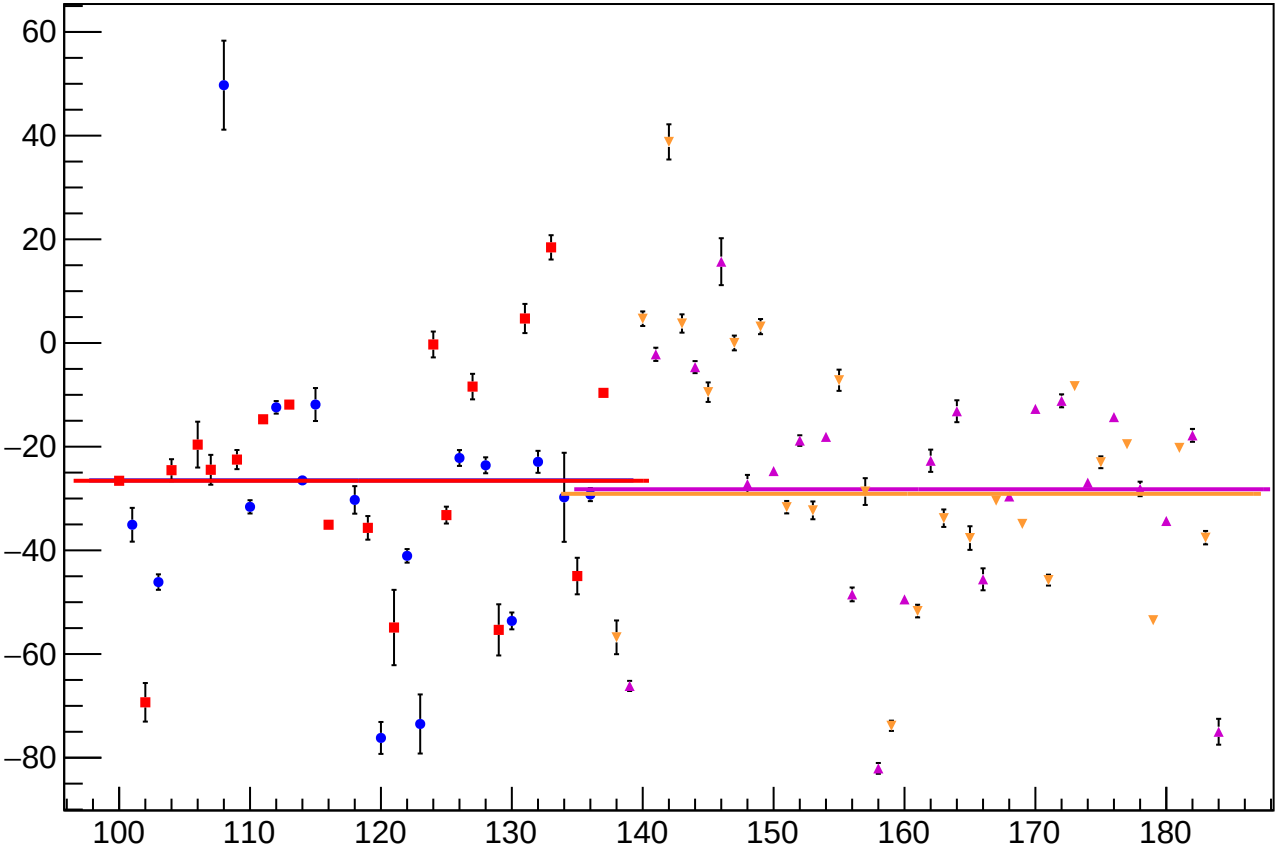
Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:297012180.6/39

Out: -483.800+/-0.000 χ^2/NDF:712647704.9/42

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: -29.095+/-0.237 χ^2/NDF:7104.8/23

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

Left: -28.612+/-0.159 χ^2/NDF: 14898.9/46

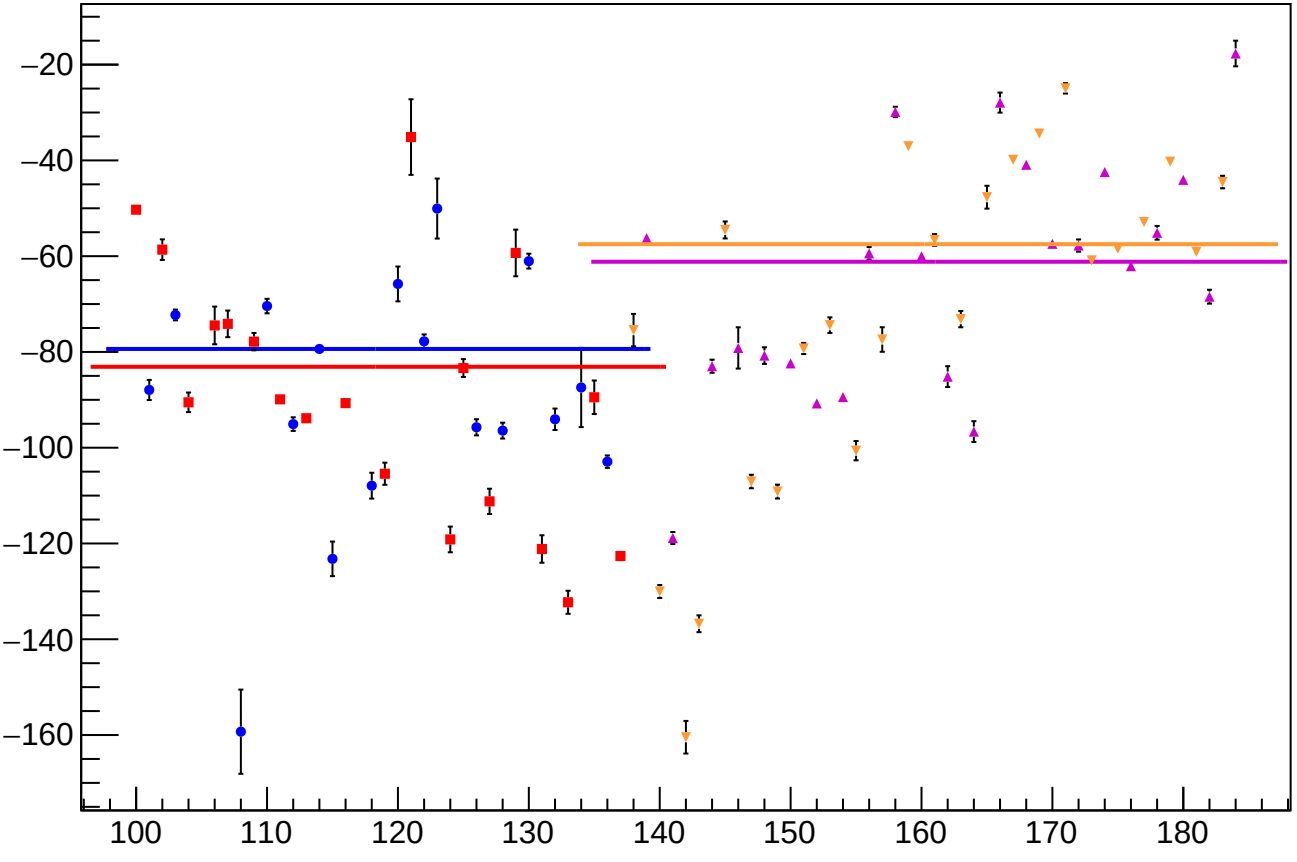
Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:9030.8/39

Out: -26.577+/-0.000 χ^2/NDF:9858.8/42

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: -57.497+/-0.231 χ^2/NDF:13020.5/23

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

Left: -59.439+/-0.158 χ^2/NDF: 22095.8/46

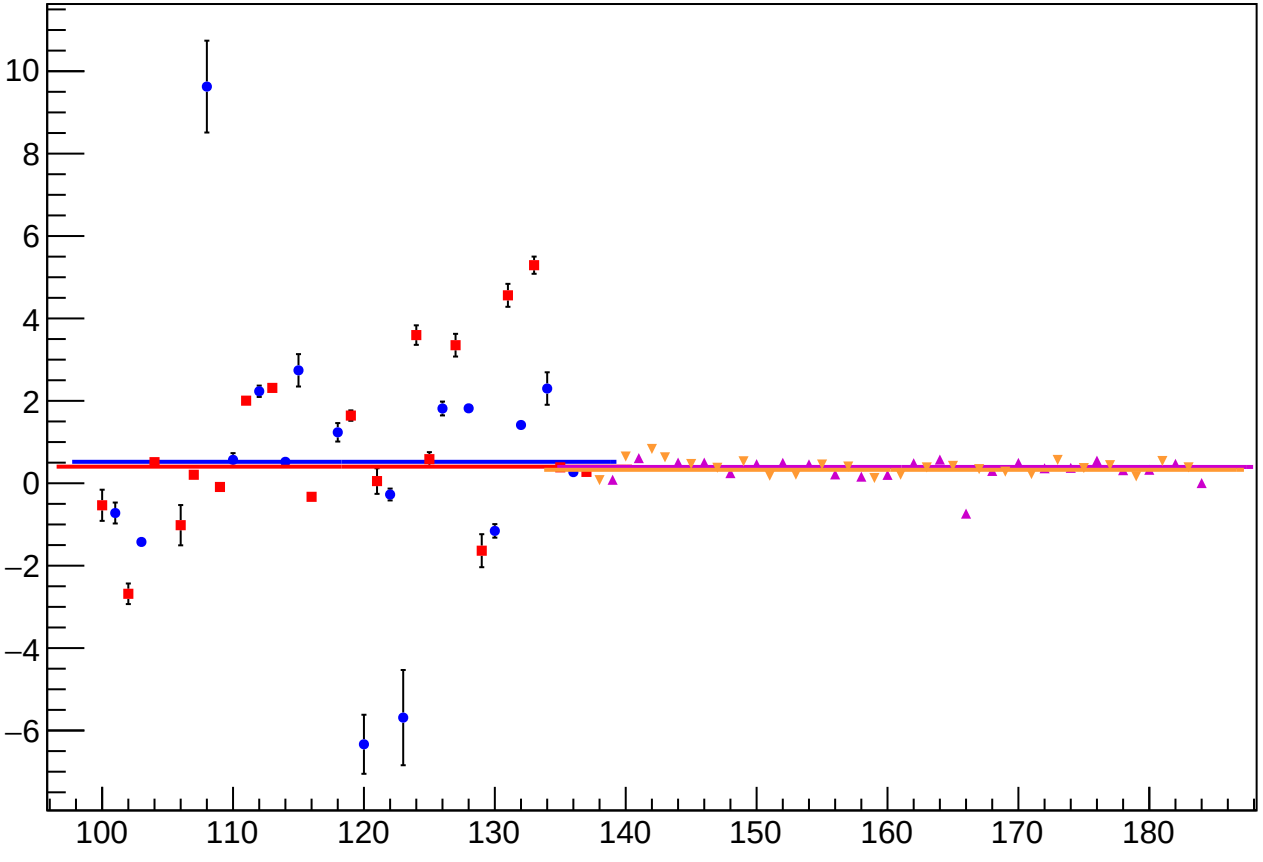
Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:17252.2/39

Out: -73.547+/-0.141 χ^2/NDF:32639.2/42

All: -79.376+/-0.000 χ^2/NDF: 51598.4/82

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.326+/-0.002 χ^2/NDF:10418.9/23

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

Left: 0.365+/-0.001 χ^2/NDF: 22851.6/46

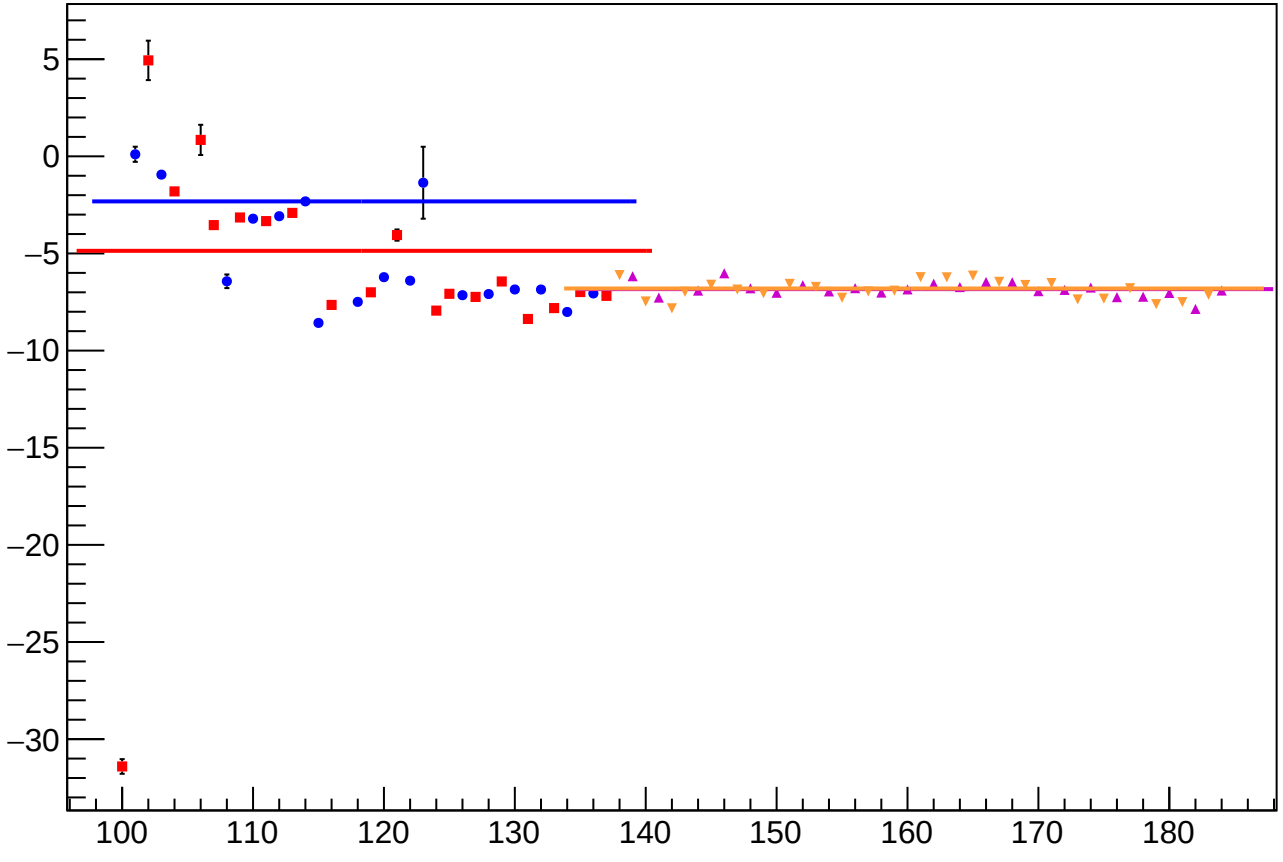
Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:22279.6/39

Out: 0.328+/-0.002 χ^2/NDF:13195.2/42

All: 0.521+/-0.000 χ^2/NDF: 50162.5/82

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.802+/-0.002 χ^2/NDF:14914.6/23

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

Left: -6.820+/-0.002 χ^2/NDF: 24253.3/46

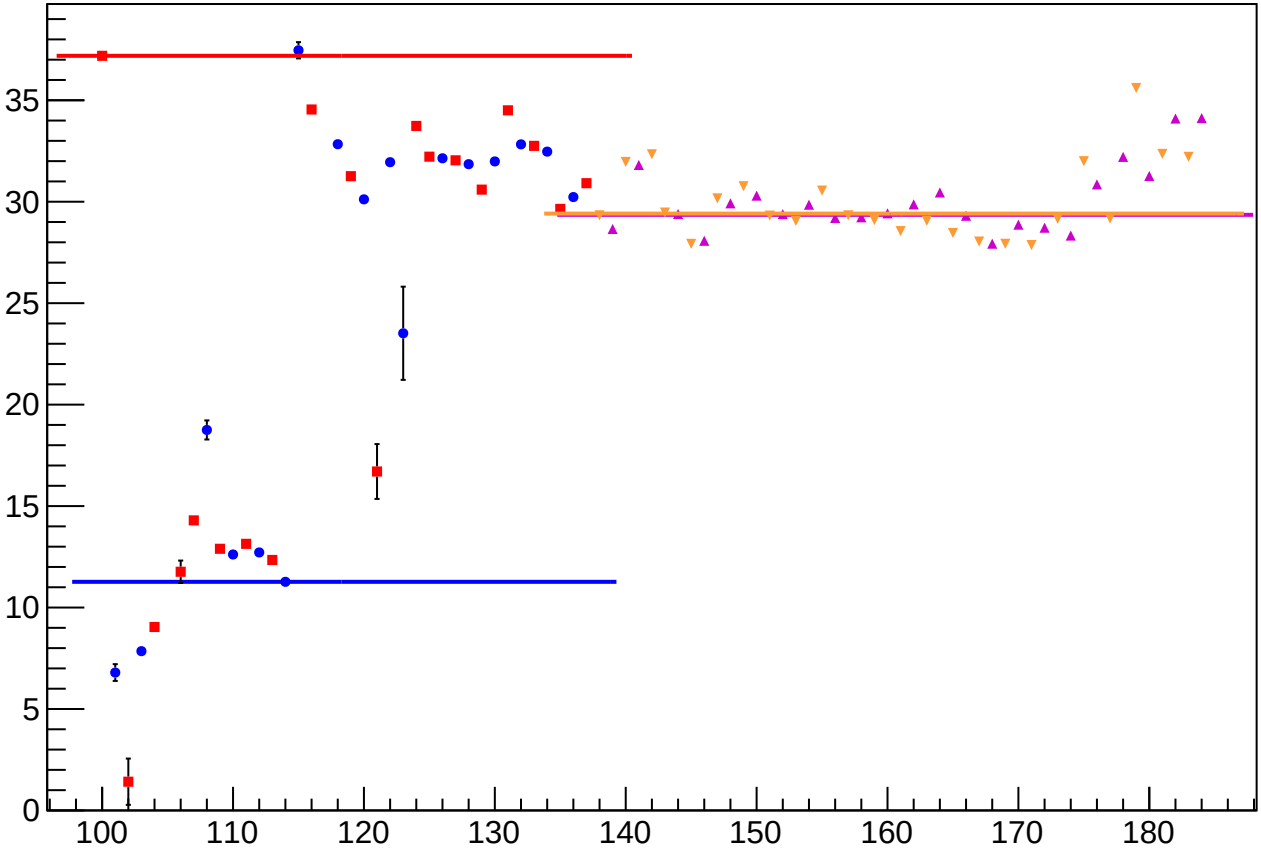
Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:3792097.0/39

Out: -6.695+/-0.002 χ^2/NDF:97719.0/42

All: -2.320+/-0.000 χ^2/NDF: 7150103.6/82

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.415+/-0.008 χ^2/NDF:44351.2/23

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

Left: 29.383+/-0.006 χ^2/NDF: 59122.0/46

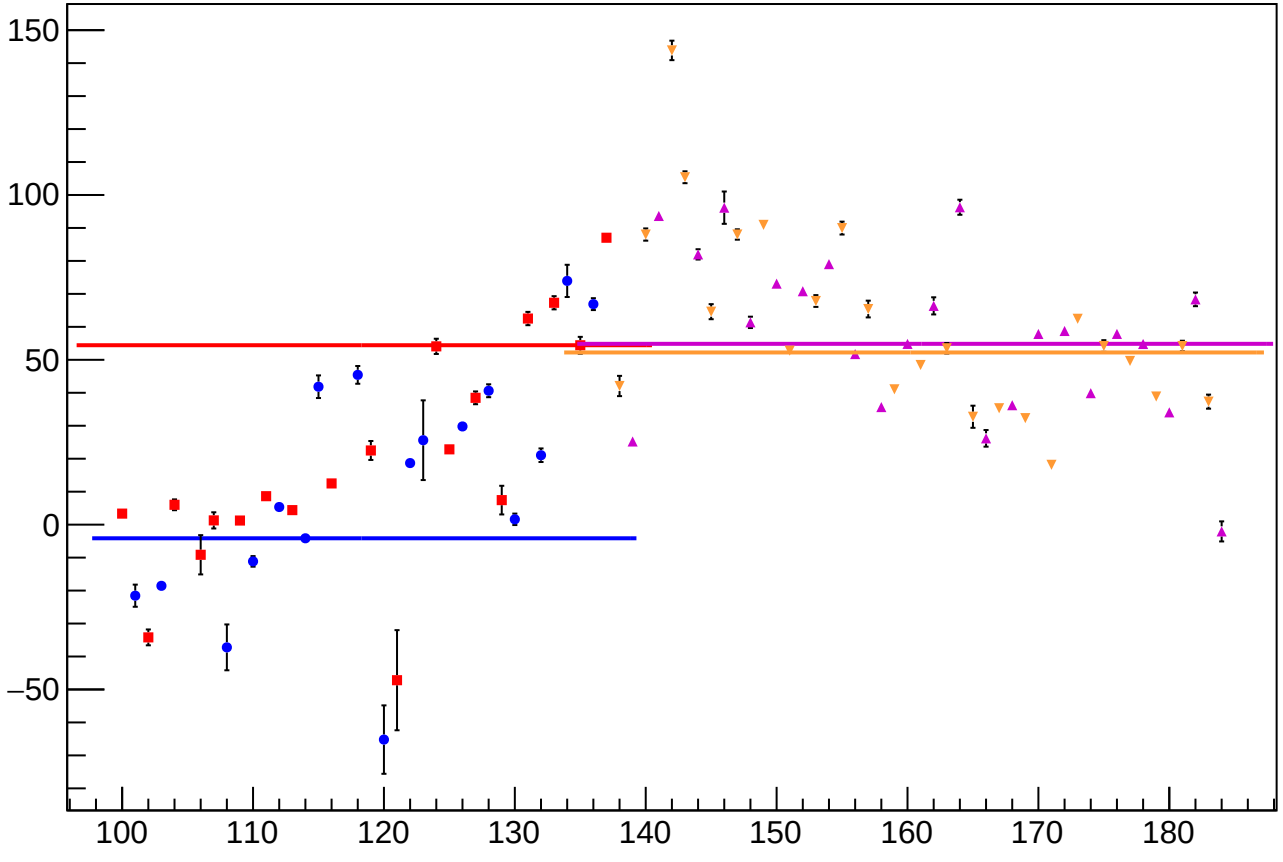
Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:6236963.1/39

Out: 37.191+/-0.000 χ^2/NDF:2059112.6/42

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: 52.230+/-0.278 χ^2/NDF:6161.7/23

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

Left: 53.693+/-0.185 χ^2/NDF: 12537.0/46

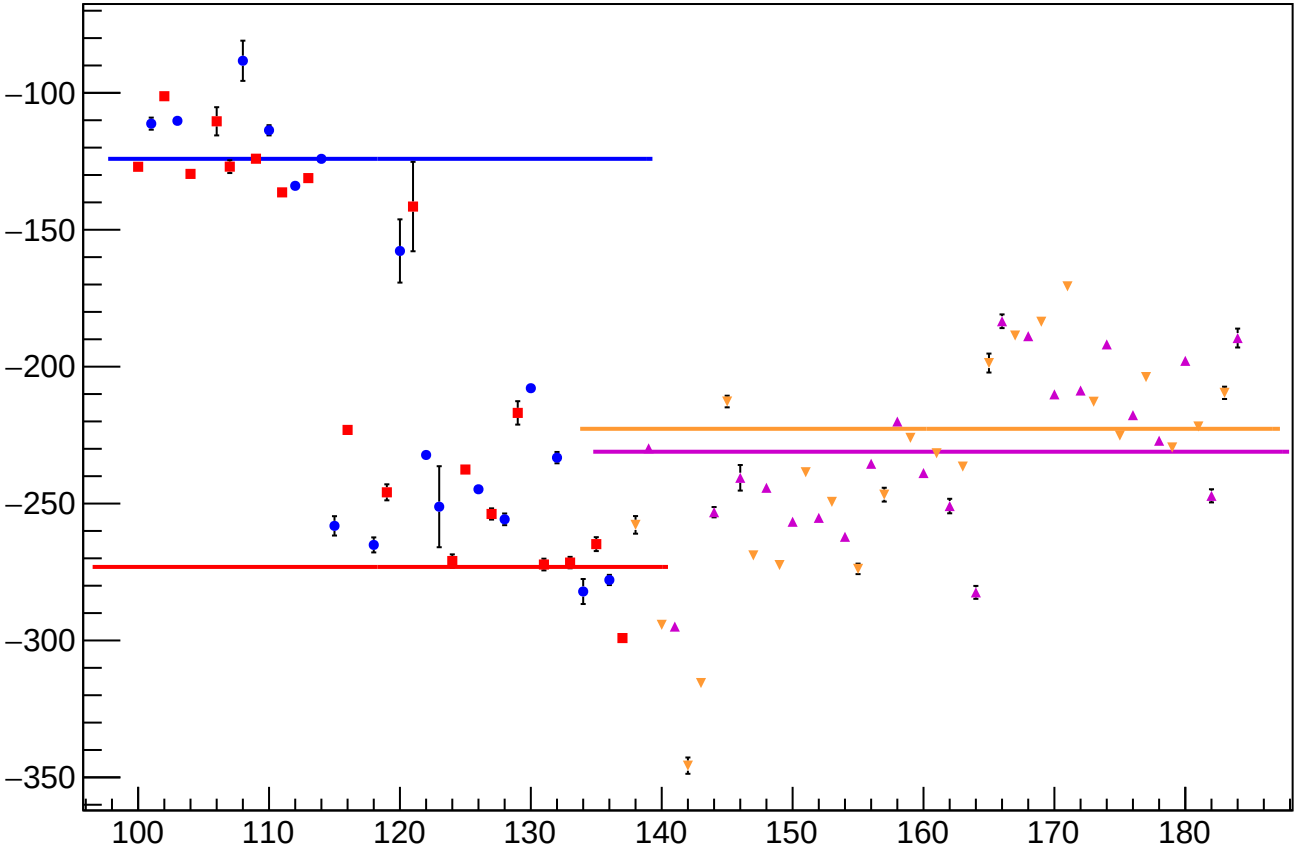
Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:67934.6/39

Out: 53.828+/-0.145 χ^2/NDF:60205.8/42

All: -4.139+/-0.000 χ^2/NDF: 287560.7/82

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -222.697+/-0.275 χ^2/NDF:15502.1/23

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

Left: -227.282+/-0.185 χ^2/NDF: 28017.1/46

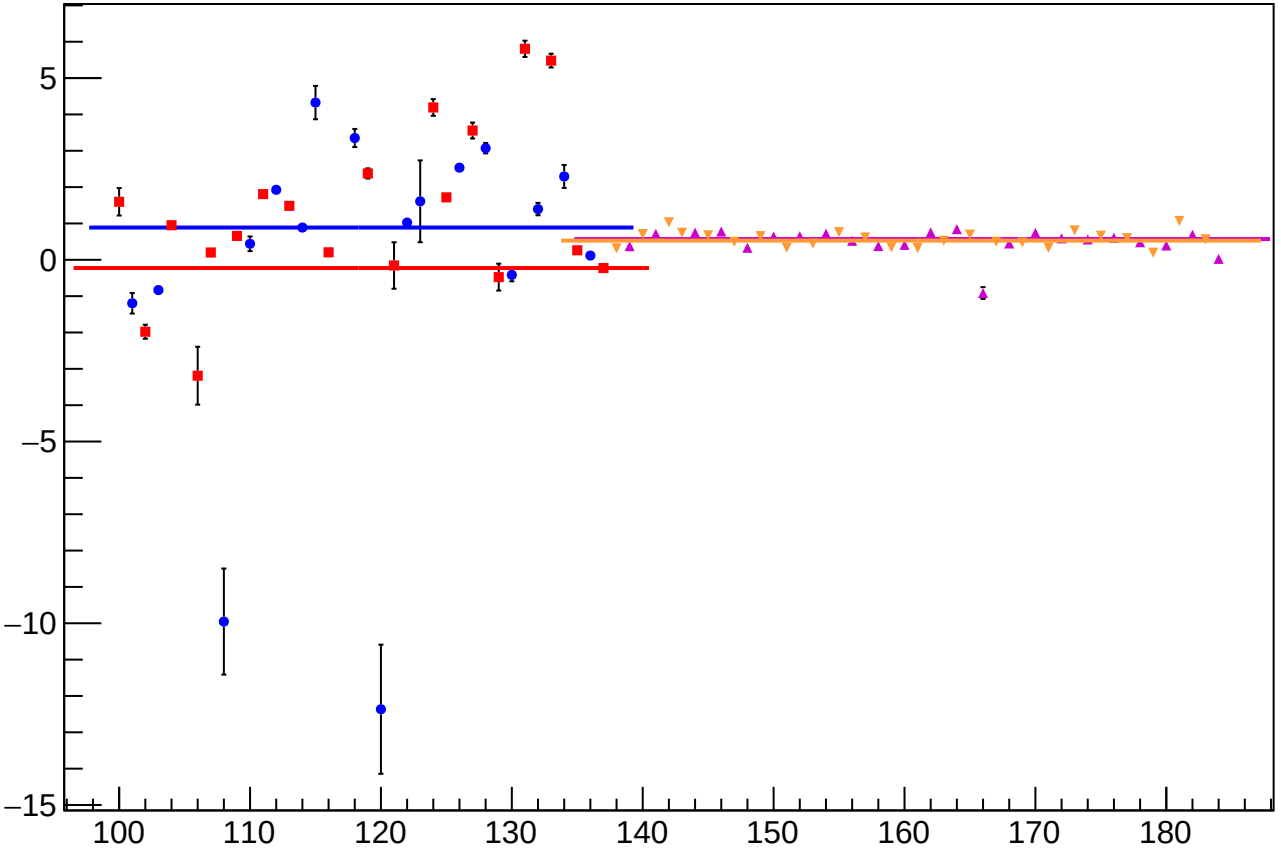
Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:234031.5/39

Out: -265.867+/-0.104 χ^2/NDF:324536.0/42

All: -124.095+/-0.000 χ^2/NDF: 2407140.9/82

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.529+/-0.002 χ^2/NDF:9081.2/23

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

Left: 0.551+/-0.001 χ^2/NDF: 14907.6/46

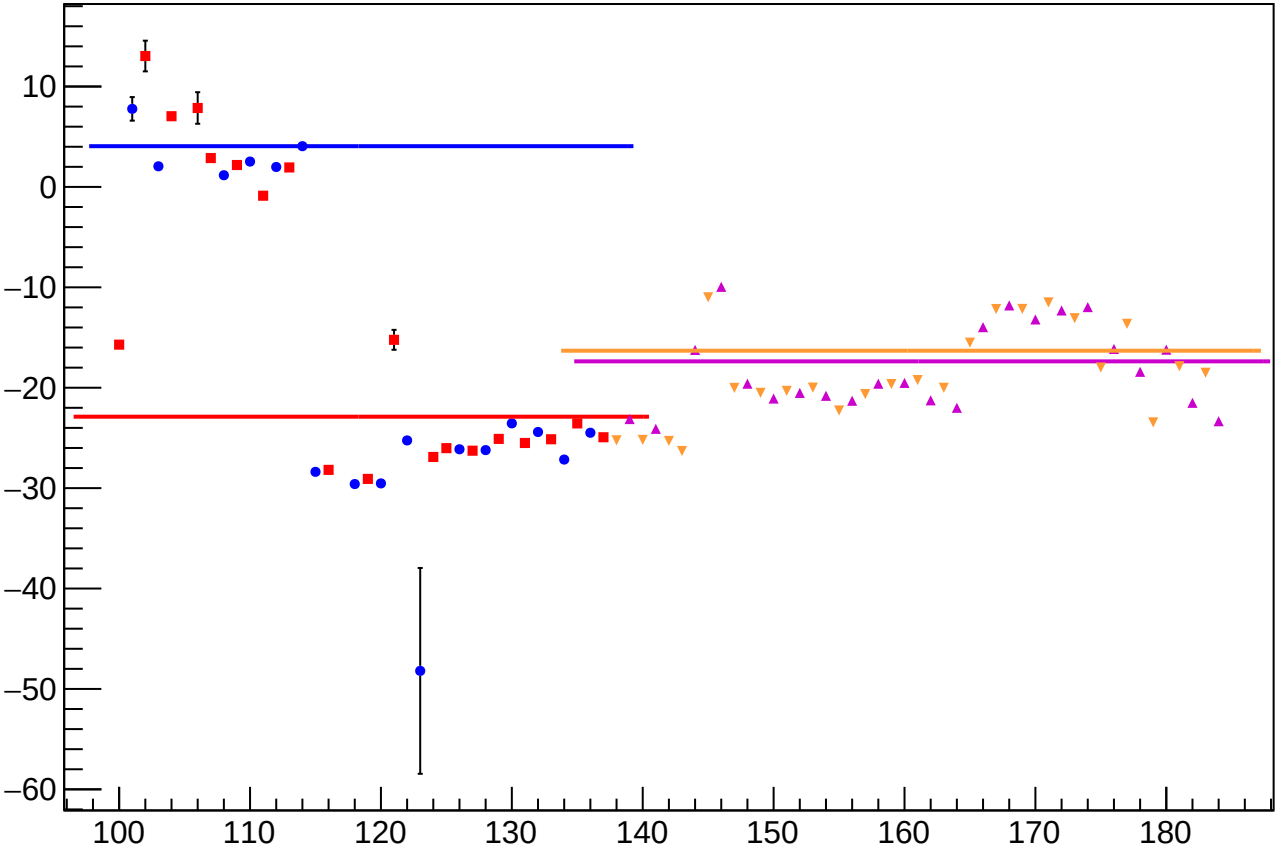
Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:39701.5/39

Out: -0.225+/-0.000 χ^2/NDF:150128.3/42

All: 0.888+/-0.000 χ^2/NDF: 422291404.0/82

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.312+/-0.010 χ^2/NDF:186136.2/23

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

Left: -16.881+/-0.007 χ^2/NDF: 361581.1/46

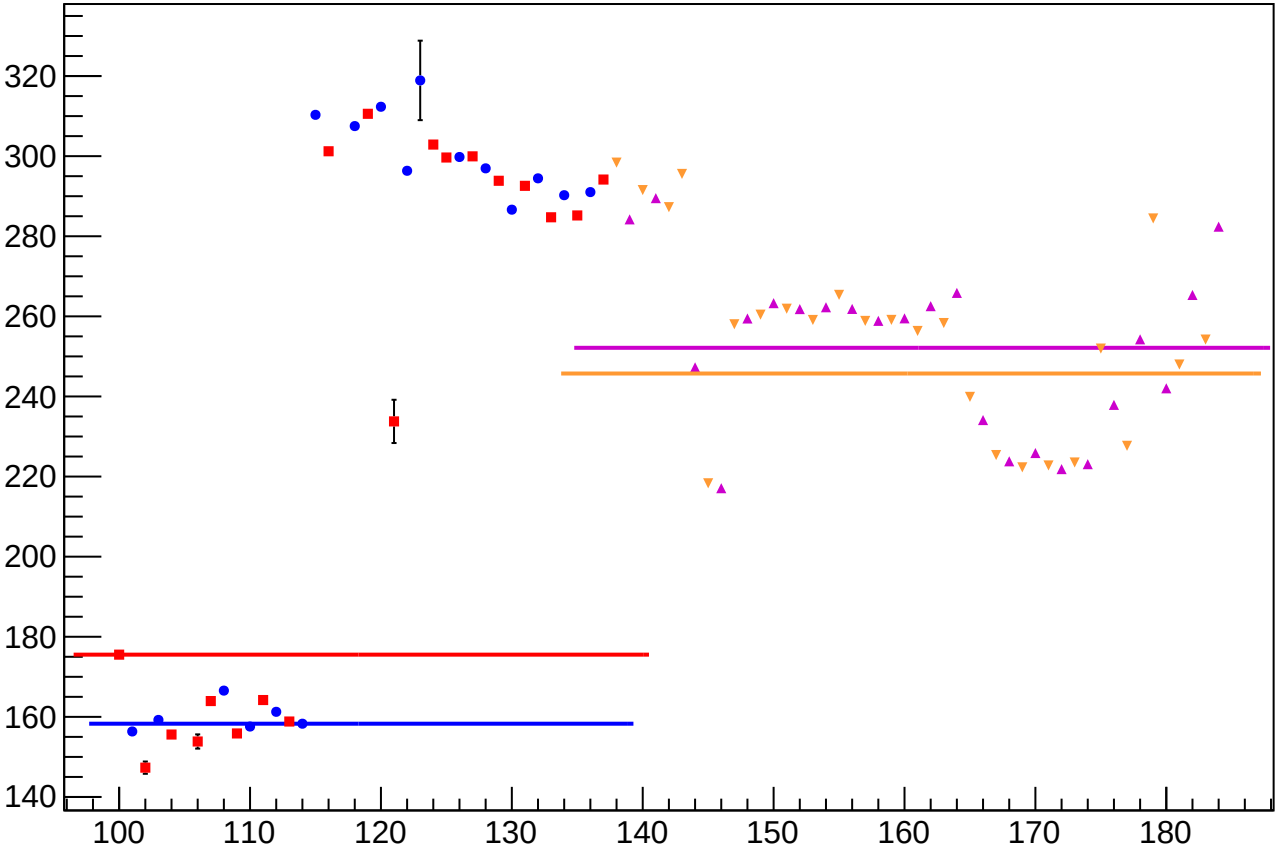
Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:6647641.5/39

Out: -17.151+/-0.009 χ^2/NDF:357046.1/42

All: 4.057+/-0.000 χ^2/NDF: 12088733.7/82

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 245.729+/-0.028 χ^2/NDF:712187.7/23

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

Left: 248.847+/-0.020 χ^2/NDF: 1097975.2/46

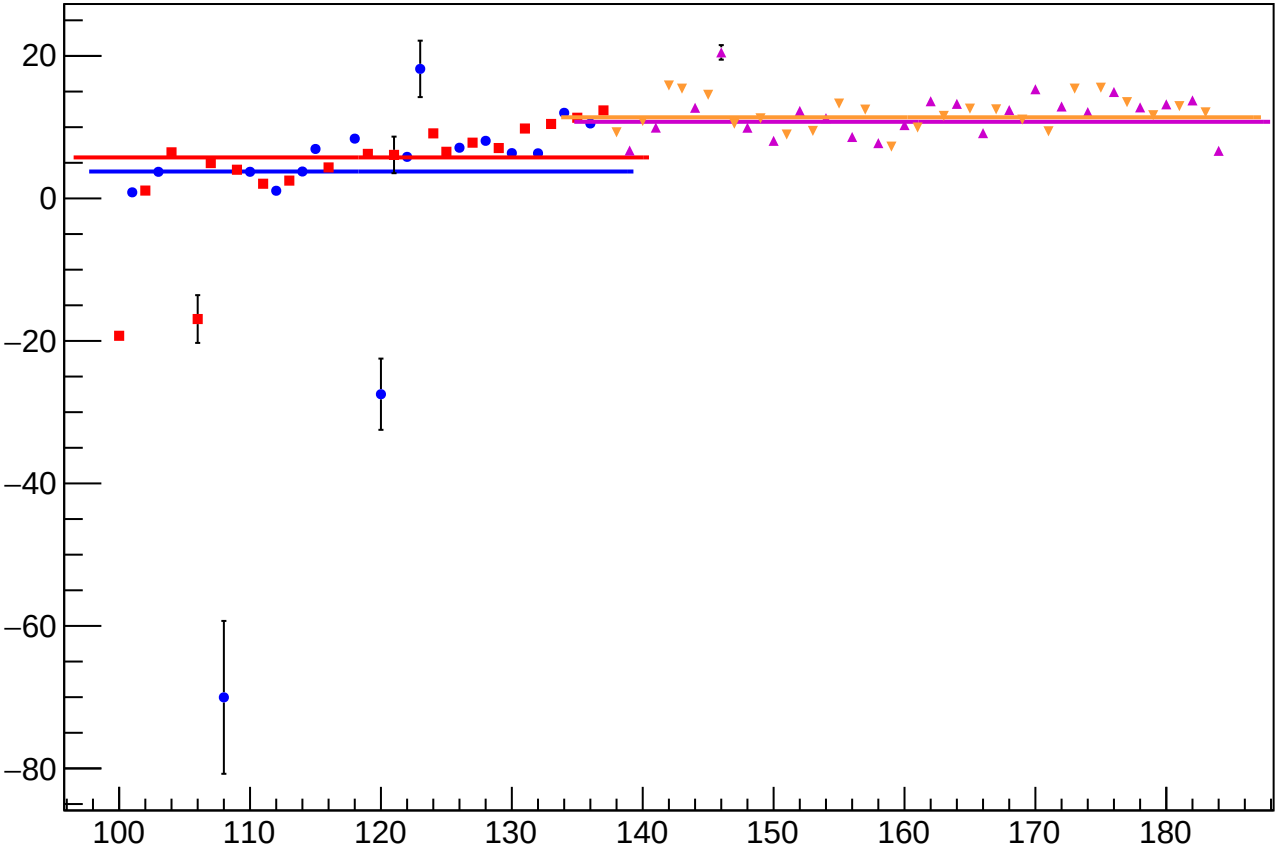
Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:13733965.8/39

Out: 175.536+/-0.000 χ^2/NDF:9304844.6/42

All: 172.618+/-0.000 χ^2/NDF: 37372749122

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/23

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

Left: 11.045+/-0.020 χ^2/NDF: 14487.6/46

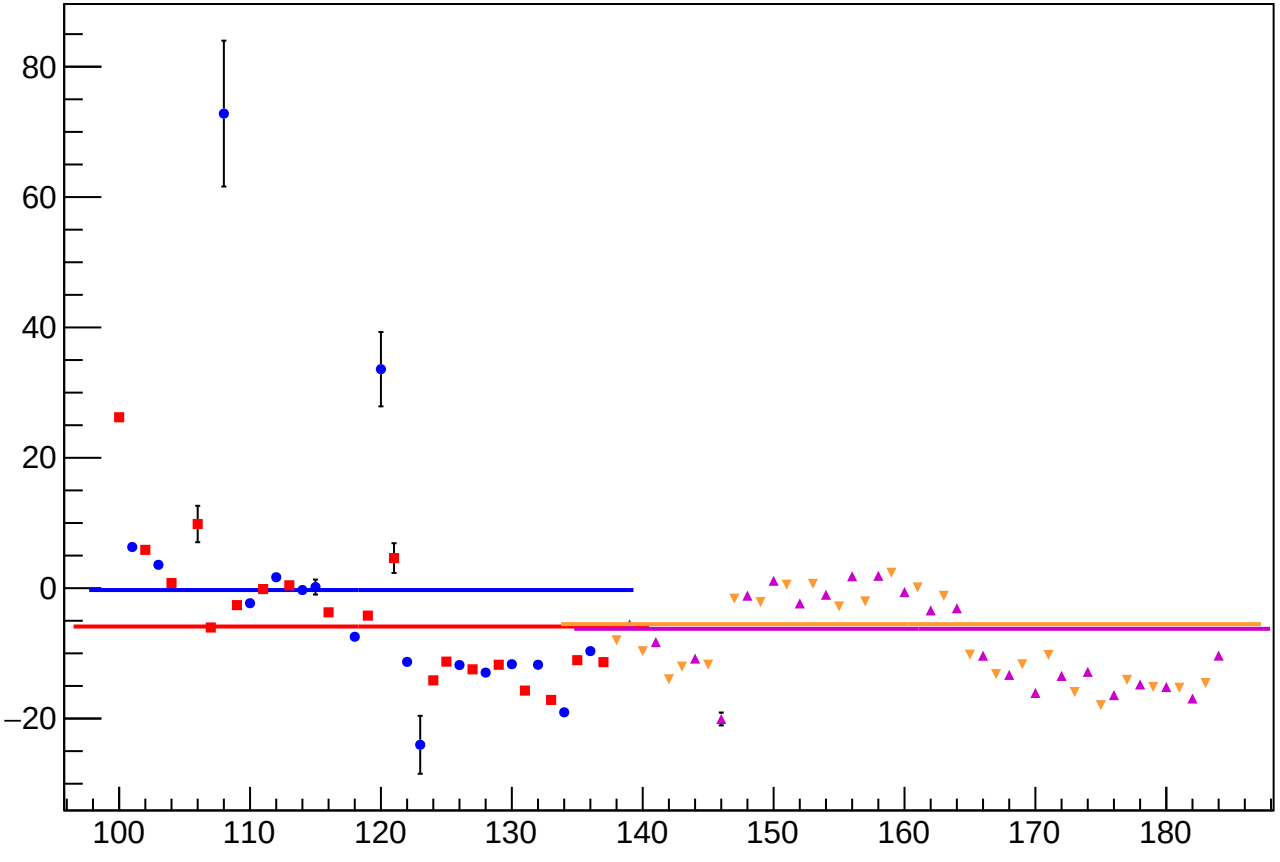
Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:80156.3/39

Out: 8.134+/-0.020 χ^2/NDF:46777.1/42

All: 3.778+/-0.000 χ^2/NDF: 176409.6/82

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -5.516+/-0.030 χ^2/NDF:43274.0/23

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

Left: -5.899+/-0.021 χ^2/NDF: 100935.1/46

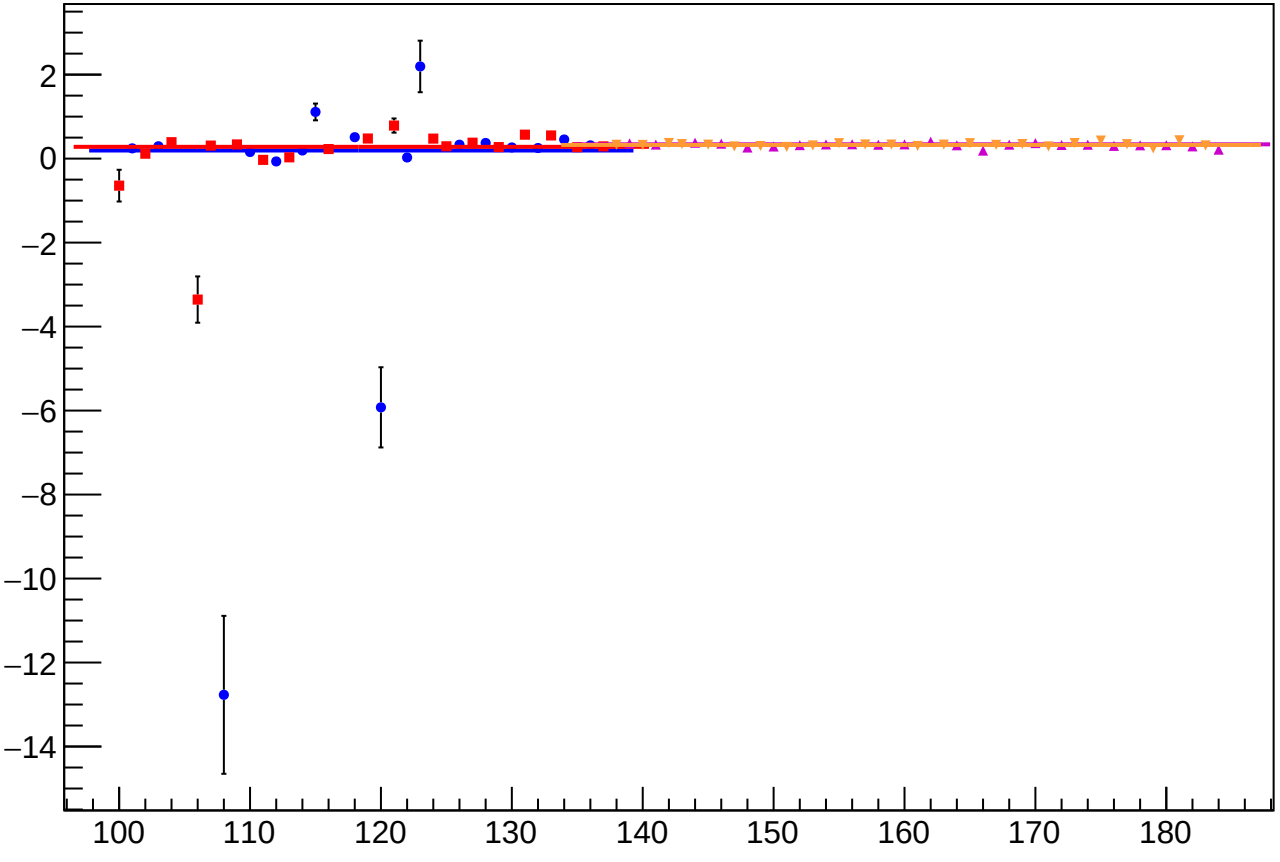
Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:145994.3/39

Out: -5.718+/-0.020 χ^2/NDF:106849.0/42

All: -0.287+/-0.000 χ^2/NDF: 325132.1/82

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.325+/-0.001 χ^2/NDF:2791.7/23

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

Left: 0.333+/-0.000 χ^2/NDF: 7329.0/46

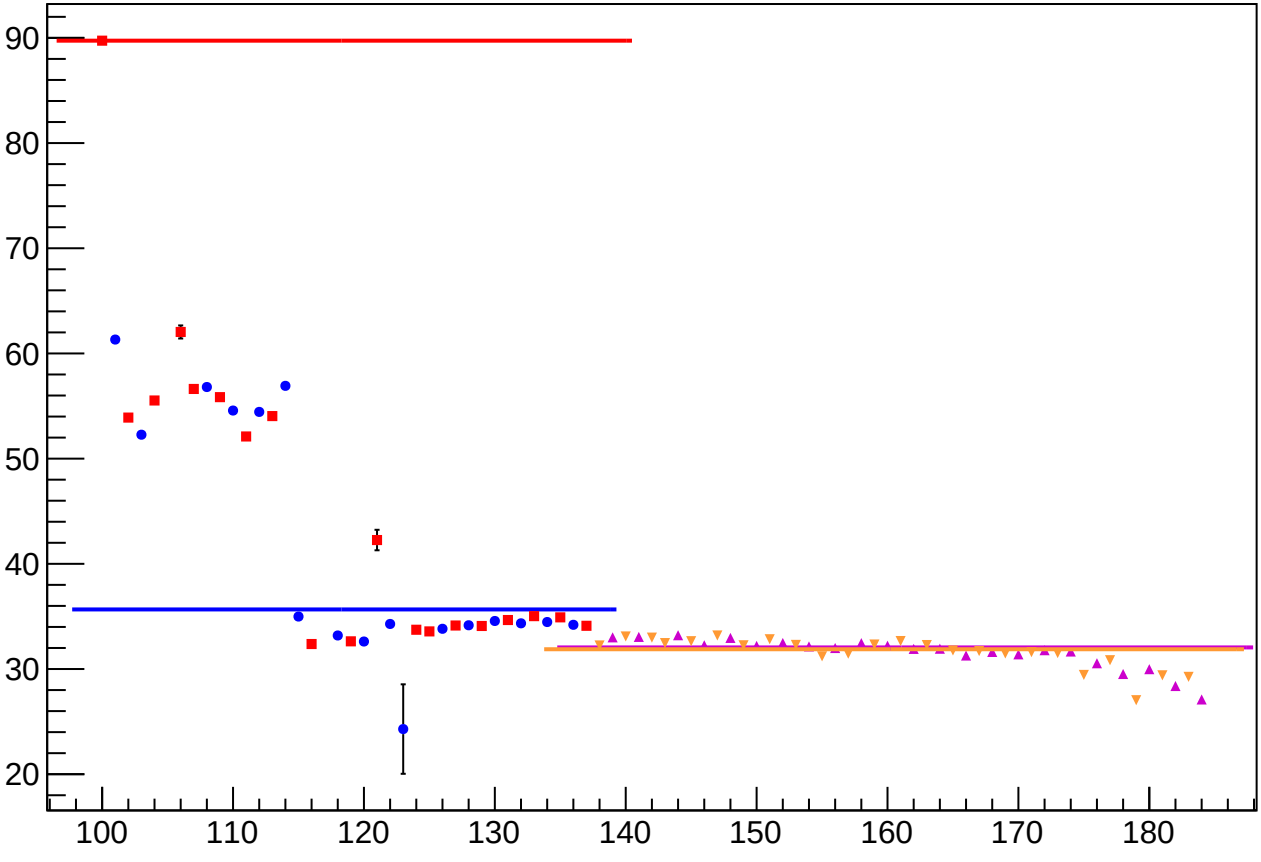
Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:90796.6/39

Out: 0.320+/-0.001 χ^2/NDF:9663.9/42

All: 0.193+/-0.000 χ^2/NDF: 160785.7/82

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 31.880+/-0.003 χ^2/NDF:61564.2/23

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

Left: 31.960+/-0.002 χ^2/NDF: 95422.4/46

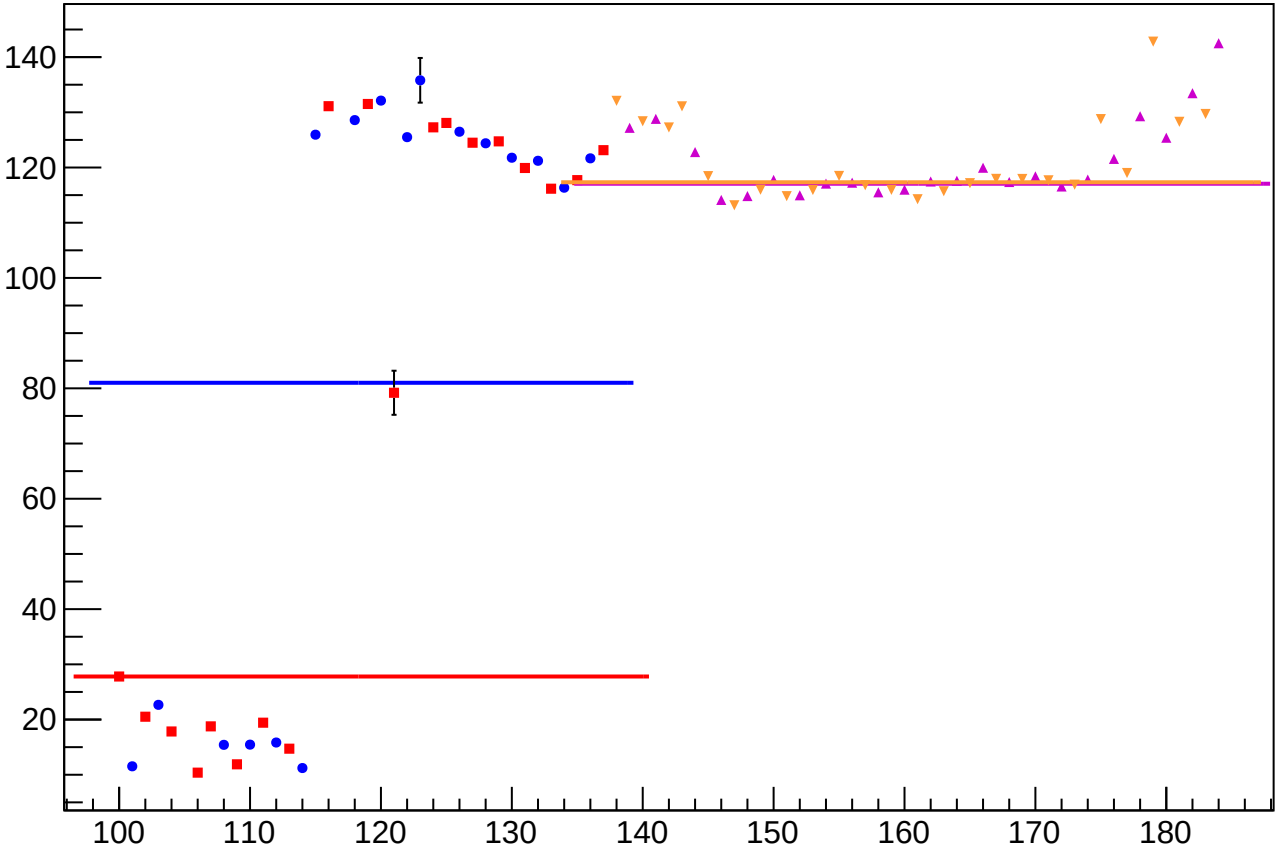
Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 32.352+/-0.003 χ^2/NDF:343684.5/39

Out: 89.735+/-0.000 χ^2/NDF:359756070.8/42

All: 89.735+/-0.000 χ^2/NDF: 667917686.1/82

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.329+/-0.008 χ^2/NDF:172619.5/23

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

Left: 117.210+/-0.006 χ^2/NDF: 236039.7/46

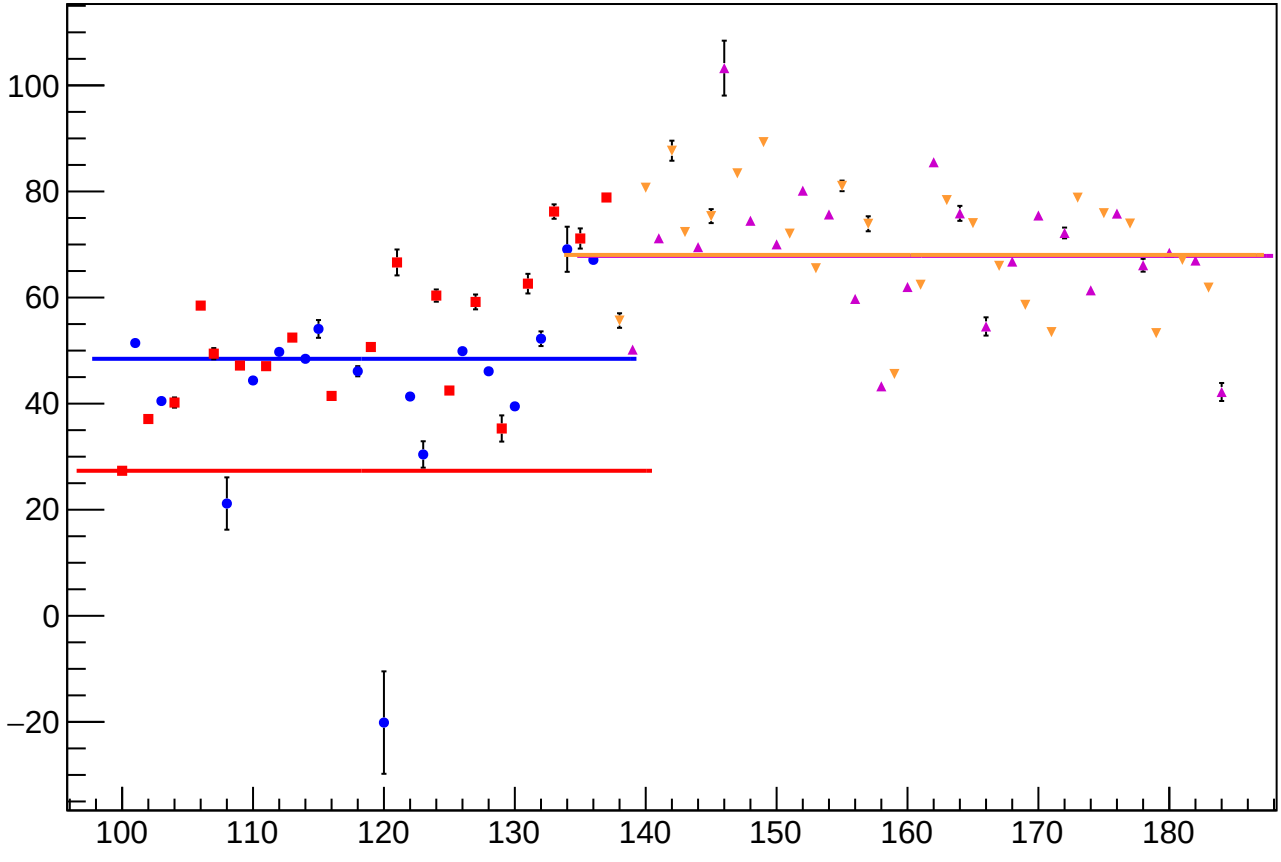
Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 114.857+/-0.009 χ^2/NDF:3315365.2/39

Out: 27.798+/-0.000 χ^2/NDF:138424746.3/42

All: 27.798+/-0.000 χ^2/NDF: 245735567.8/82

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 68.038+/-0.133 χ^2/NDF:6670.3/23

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

Left: 67.939+/-0.091 χ^2/NDF: 12191.3/46

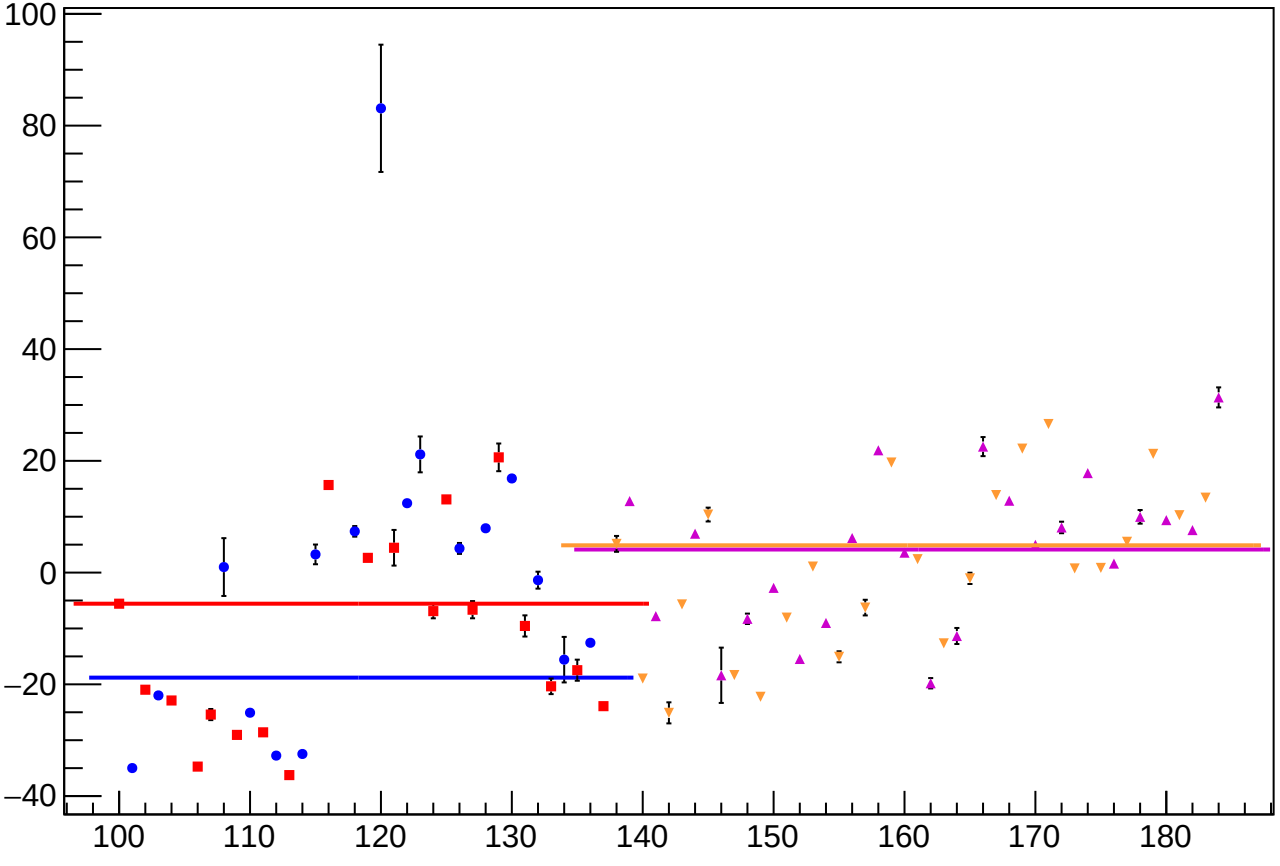
Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:32126.8/39

Out: 27.342+/-0.000 χ^2/NDF:126422.0/42

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: 4.884+/-0.133 χ^2/NDF:10368.5/23

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

Left: 4.489+/-0.092 χ^2/NDF: 16546.9/46

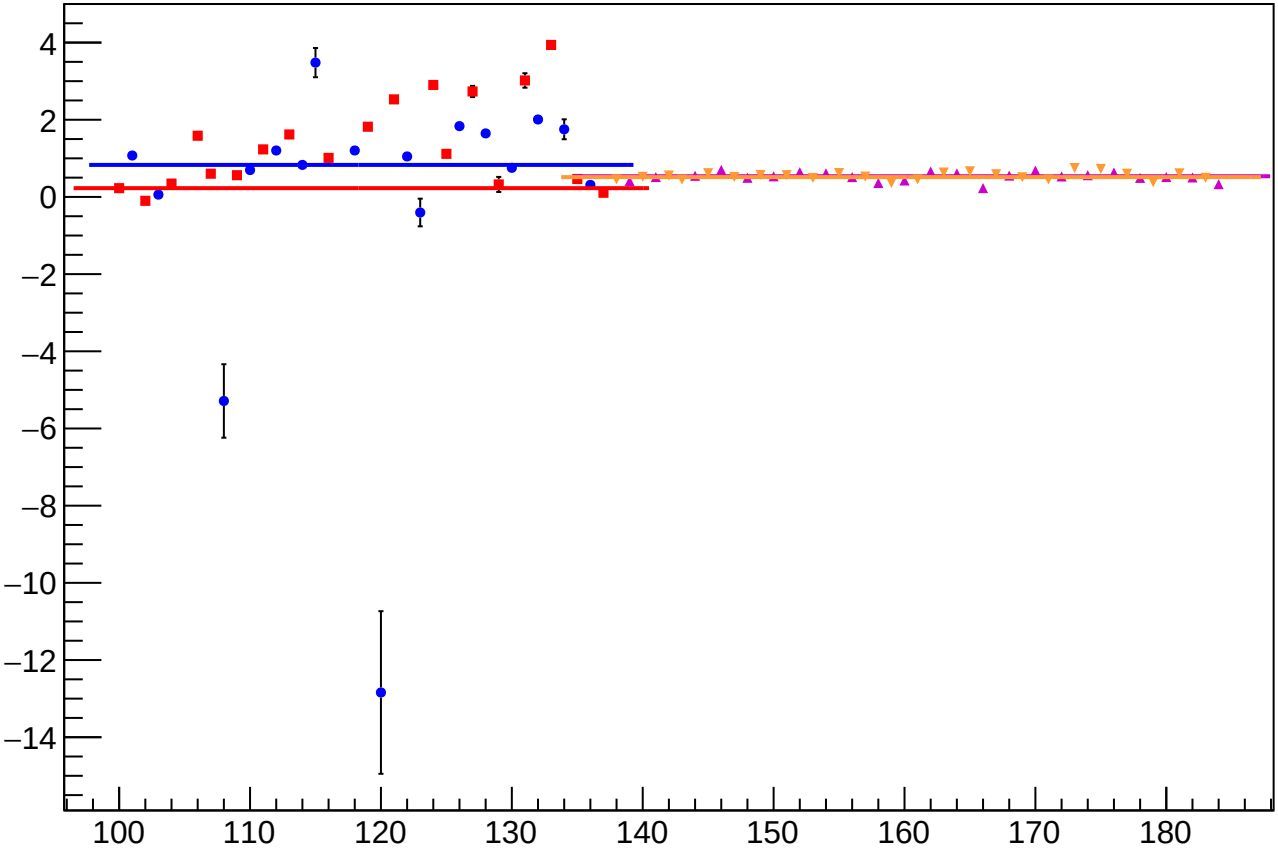
Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -5.554+/-0.096 χ^2/NDF:31709.8/39

Out: -5.568+/-0.000 χ^2/NDF:39667.8/42

All: -5.568+/-0.000 χ^2/NDF: 71377.6/82

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.514+/-0.001 χ^2/NDF:15200.8/23

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

Left: 0.526+/-0.001 χ^2/NDF: 27272.3/46

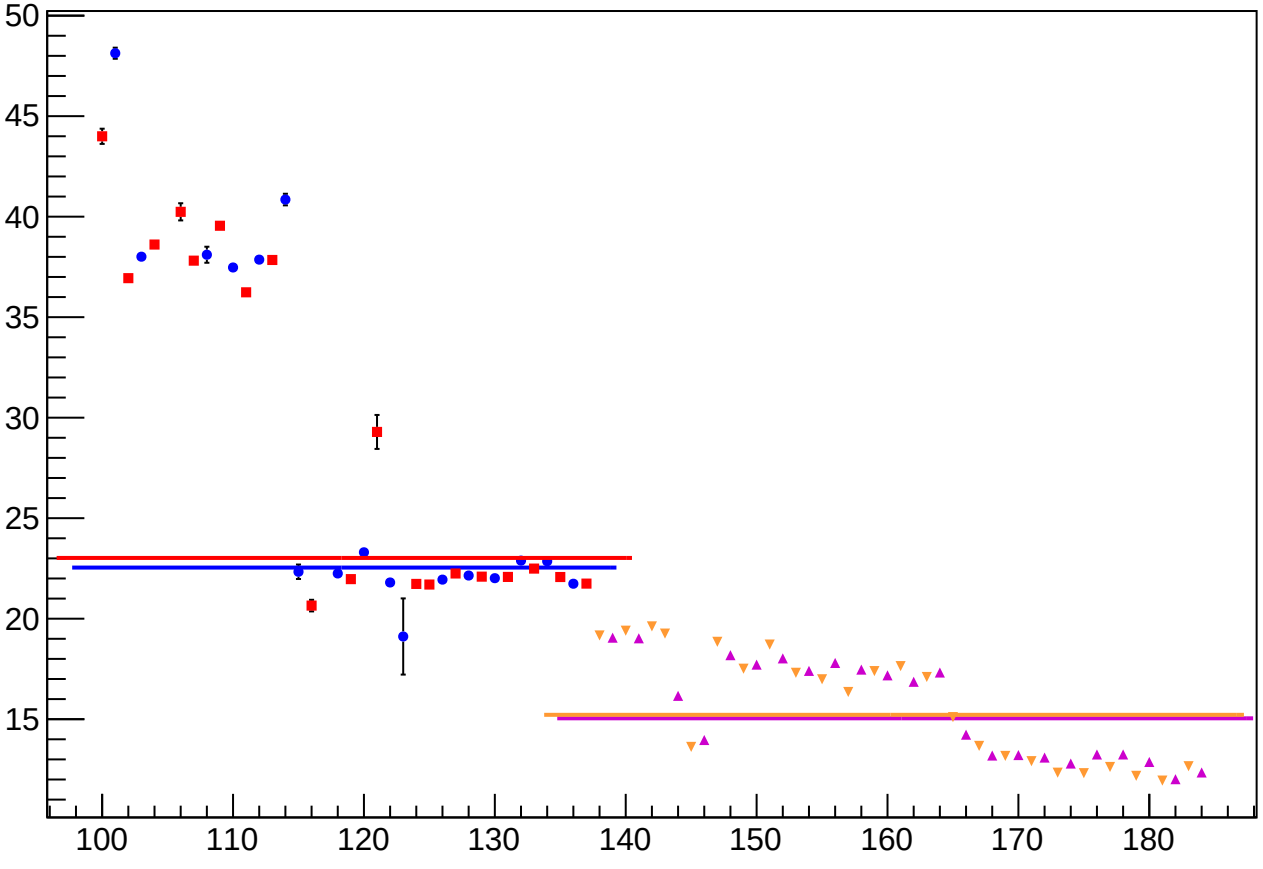
Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:141887.0/39

Out: 0.227+/-0.000 χ^2/NDF:114910.8/42

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: 15.218+/-0.004 χ^2/NDF:413674.7/23

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

Left: 15.137+/-0.003 χ^2/NDF: 700289.4/46

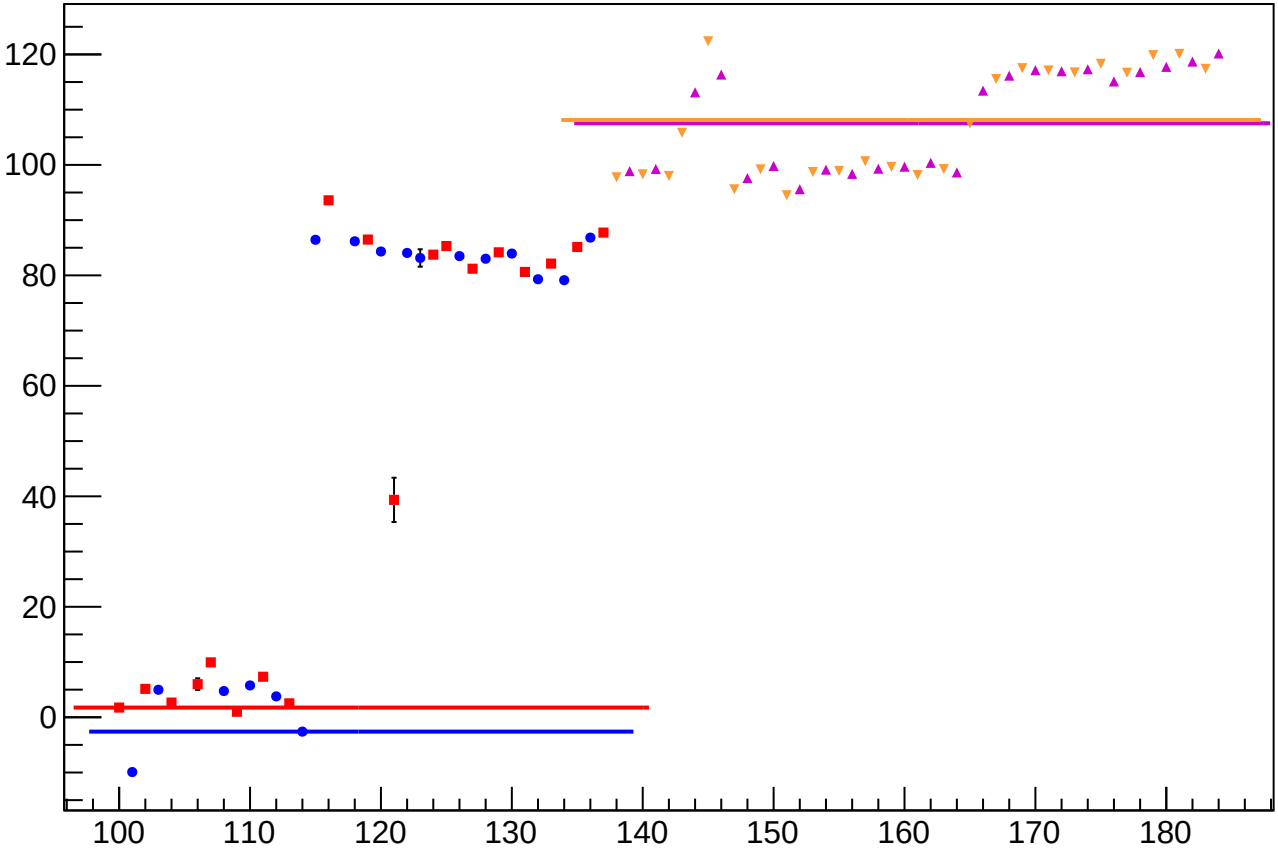
Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 16.526+/-0.004 χ^2/NDF:911903.8/39

Out: 16.650+/-0.004 χ^2/NDF:1187288.4/42

All: 16.592+/-0.003 χ^2/NDF: 2099676.7/82

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 108.131+/-0.009 χ^2/NDF:1073683.2/23

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

Left: 107.837+/-0.007 χ^2/NDF: 2064610.4/46

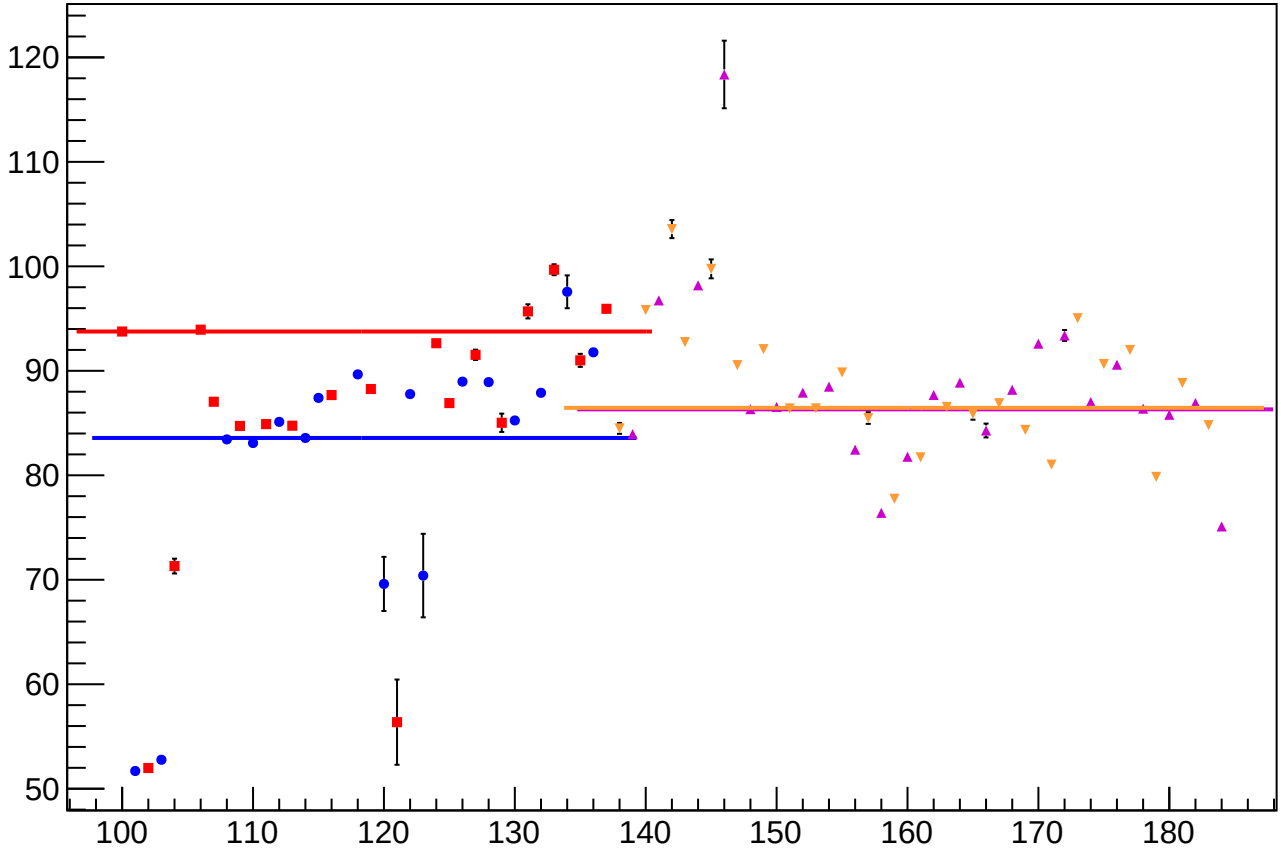
Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:147951178.7/39

Out: 1.758+/-0.000 χ^2/NDF:135531643.5/42

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF: 49468.0/16

Left Out: 86.457+/-0.060 χ^2/NDF:8506.3/23

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

Left: 86.372+/-0.039 χ^2/NDF: 17176.2/46

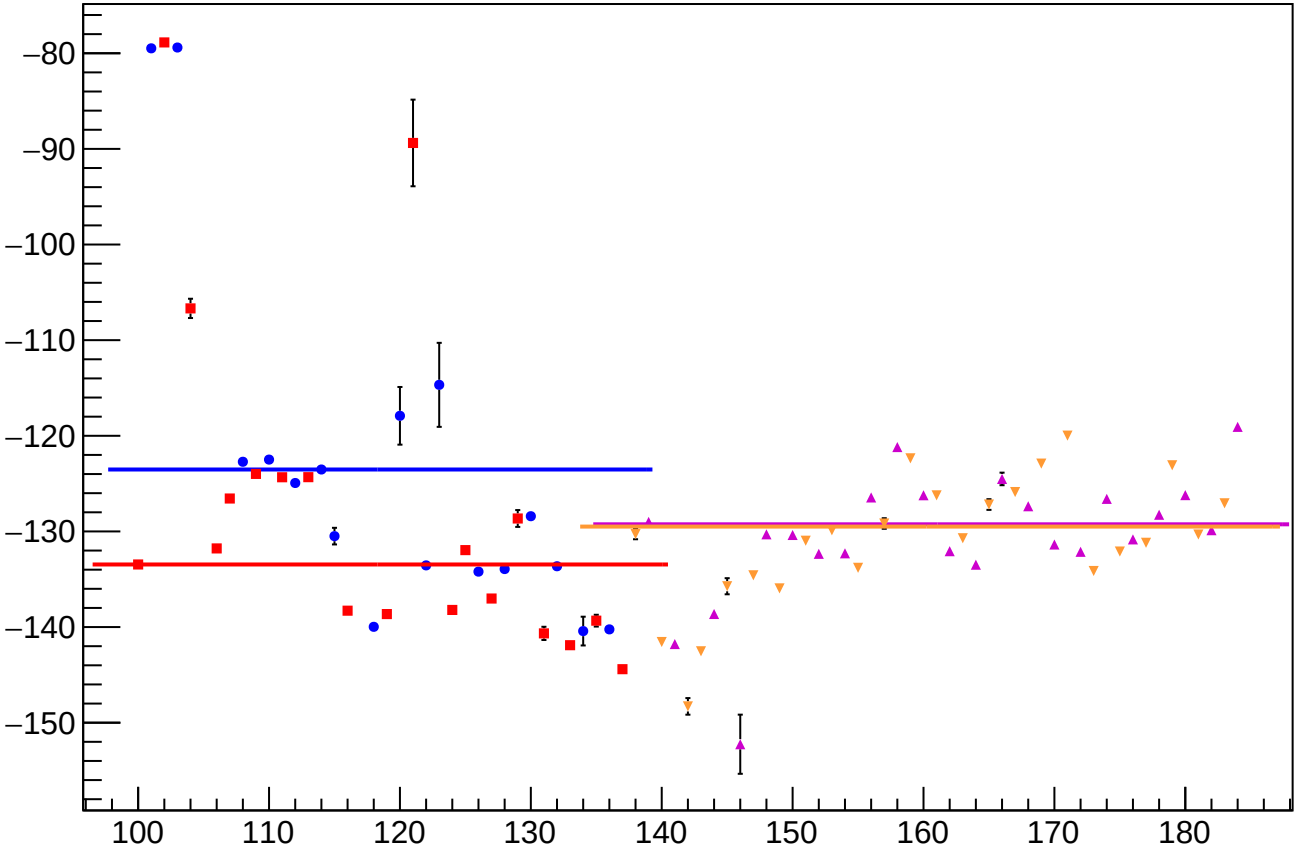
Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:60966.6/39

Out: 93.762+/-0.000 χ^2/NDF:106018.2/42

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: -129.493+/-0.060 χ^2/NDF:10775.3/23

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

Left: -129.358+/-0.039 χ^2/NDF: 17342.6/46

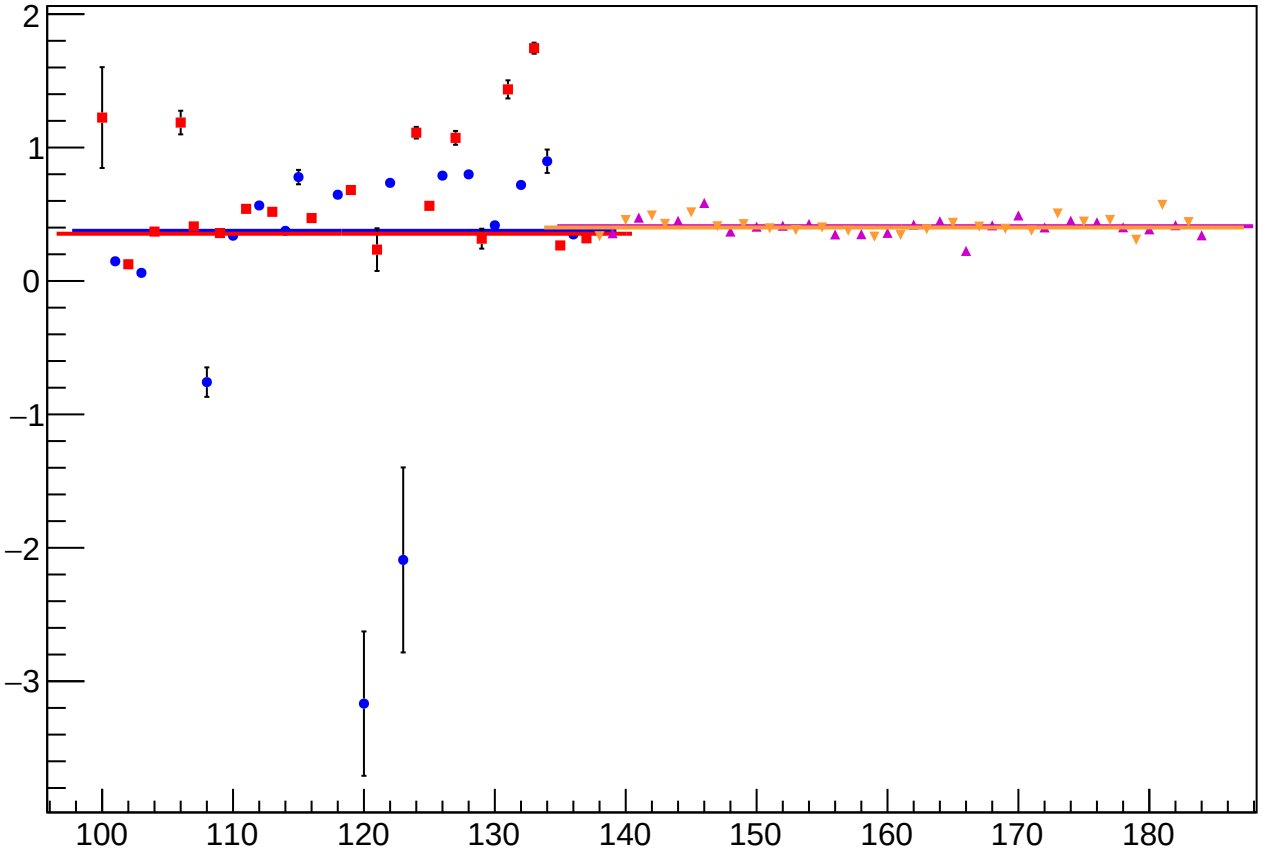
Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:179277.5/39

Out: -133.456+/-0.000 χ^2/NDF:410092.5/42

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: 0.401+/-0.001 χ^2/NDF:9030.3/23

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

Left: 0.406+/-0.000 χ^2/NDF: 17712.2/46

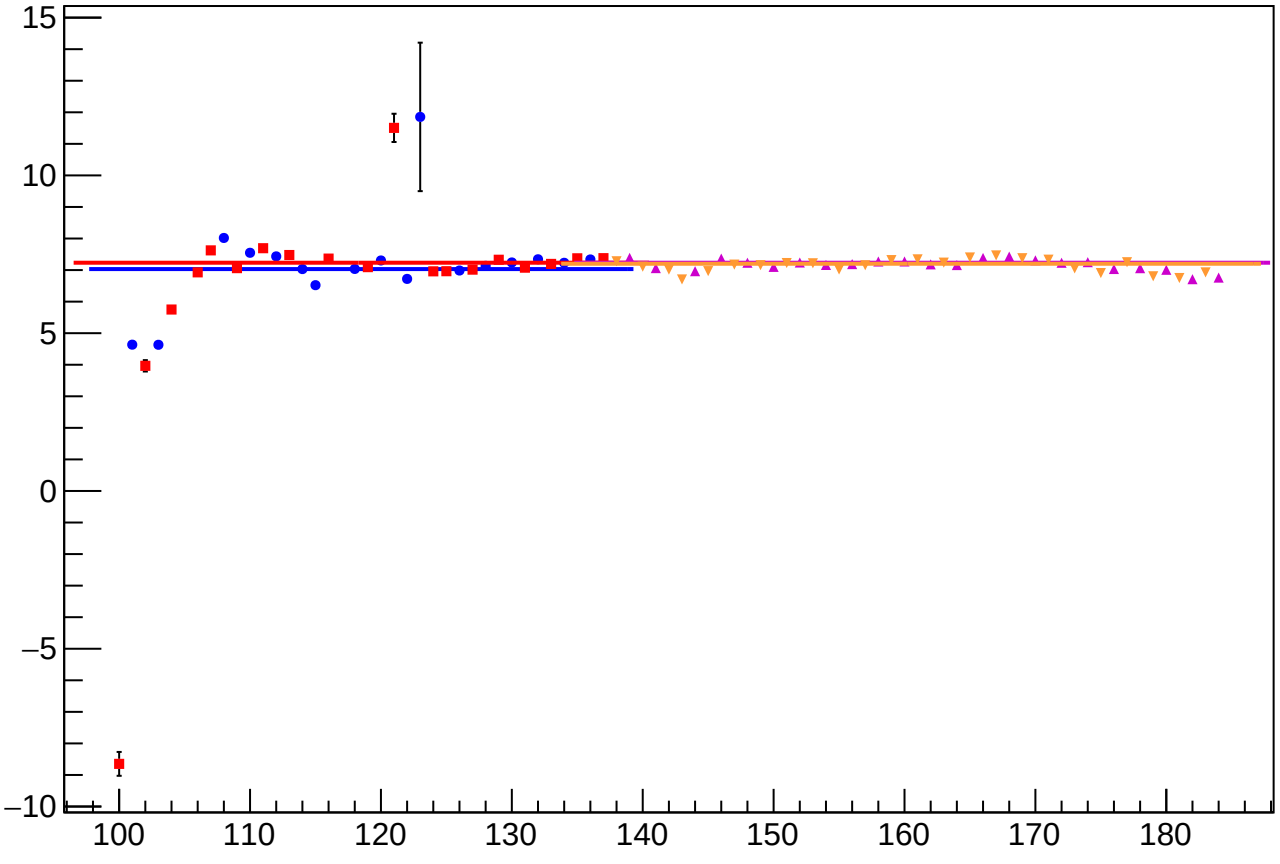
Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:18332.7/39

Out: 0.396+/-0.000 χ^2/NDF:14489.2/42

All: 0.376+/-0.000 χ^2/NDF: 34659.8/82

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.201+/-0.001 χ^2/NDF:37015.7/23

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

Left: 7.218+/-0.001 χ^2/NDF: 60796.2/46

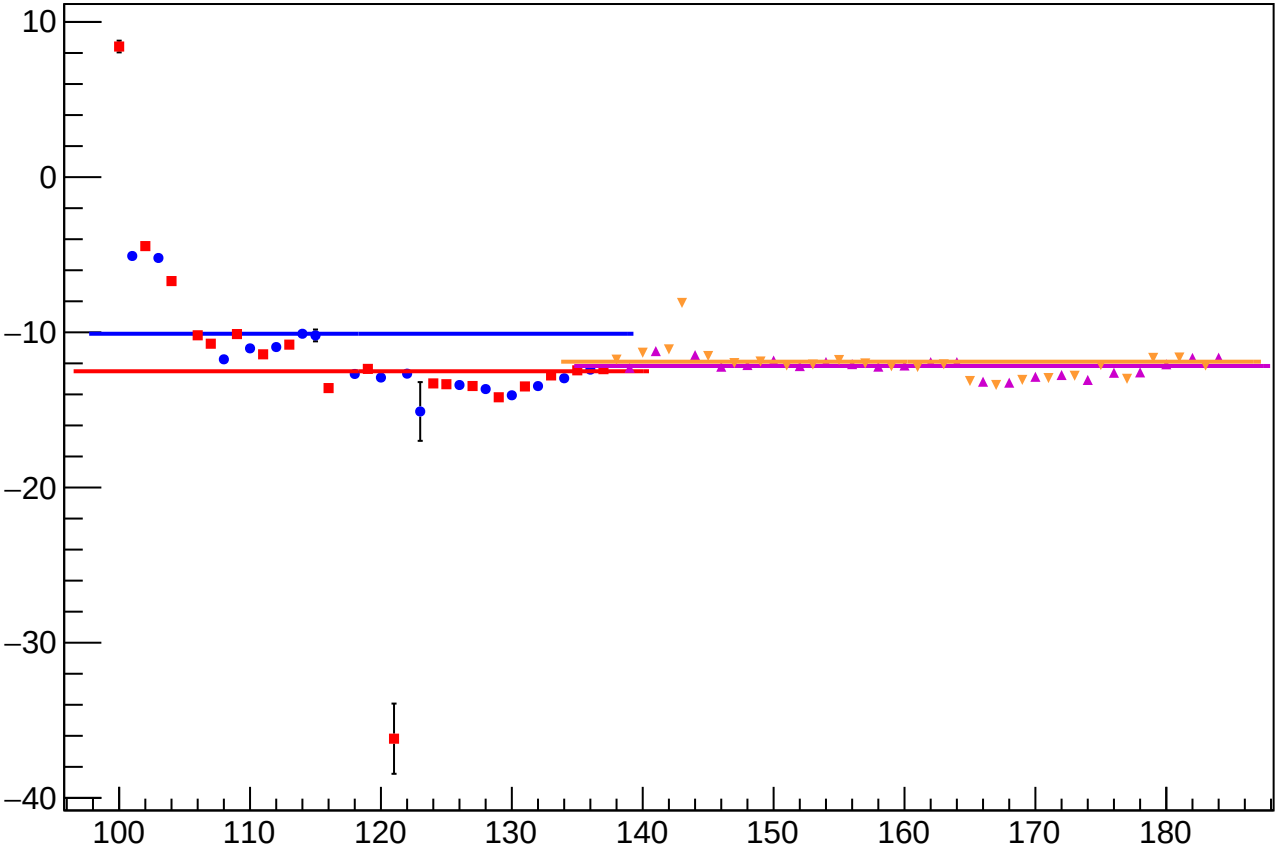
Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:101616.3/39

Out: 7.205+/-0.001 χ^2/NDF:47239.2/42

All: 7.032+/-0.000 χ^2/NDF: 190639.5/82

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.892+/-0.002 χ^2/NDF:497564.8/23

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

Left: -12.030+/-0.001 χ^2/NDF: 560337.4/46

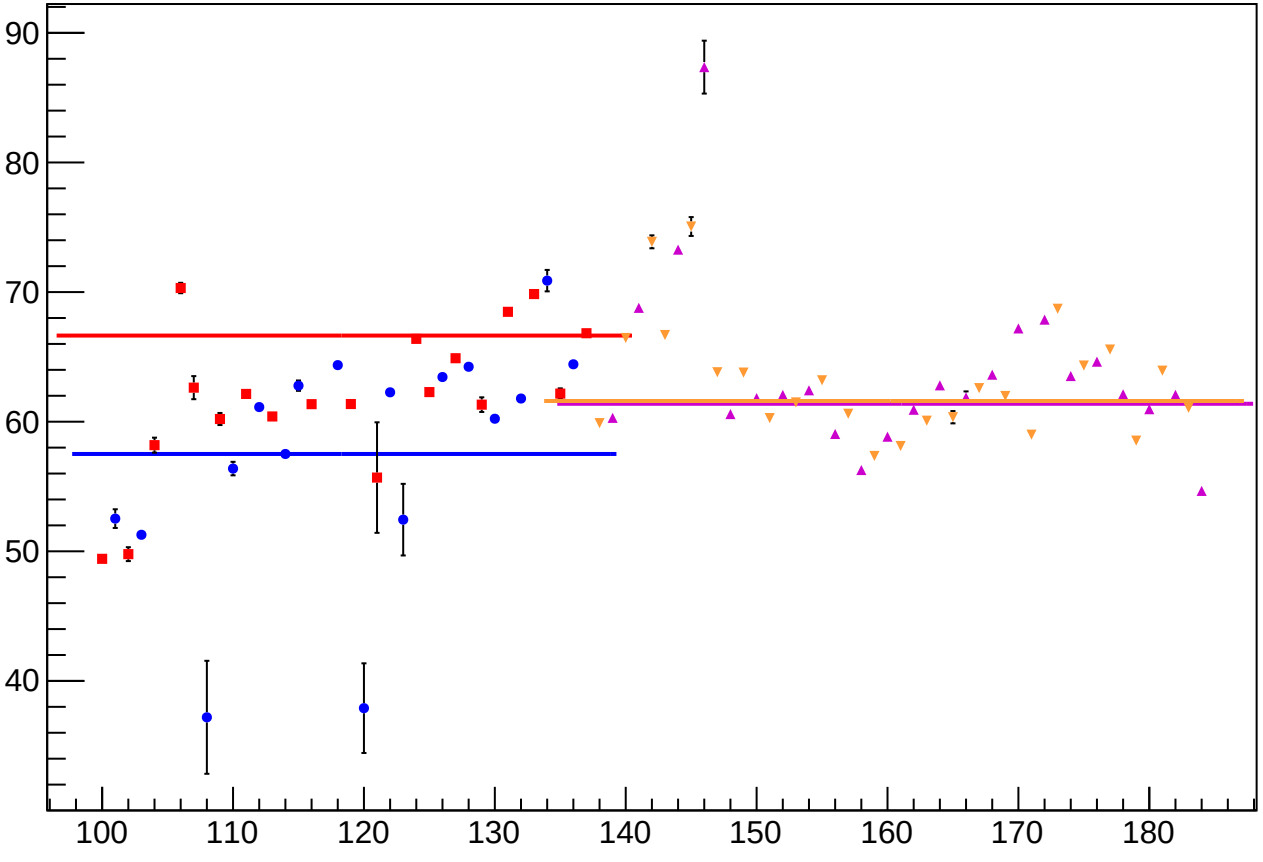
Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:2075919.9/39

Out: -11.997+/-0.002 χ^2/NDF:623498.6/42

All: -10.092+/-0.000 χ^2/NDF: 4208085.5/82

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.597+/-0.039 χ^2/NDF:7733.1/23

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

Left: 61.471+/-0.025 χ^2/NDF: 16650.8/46

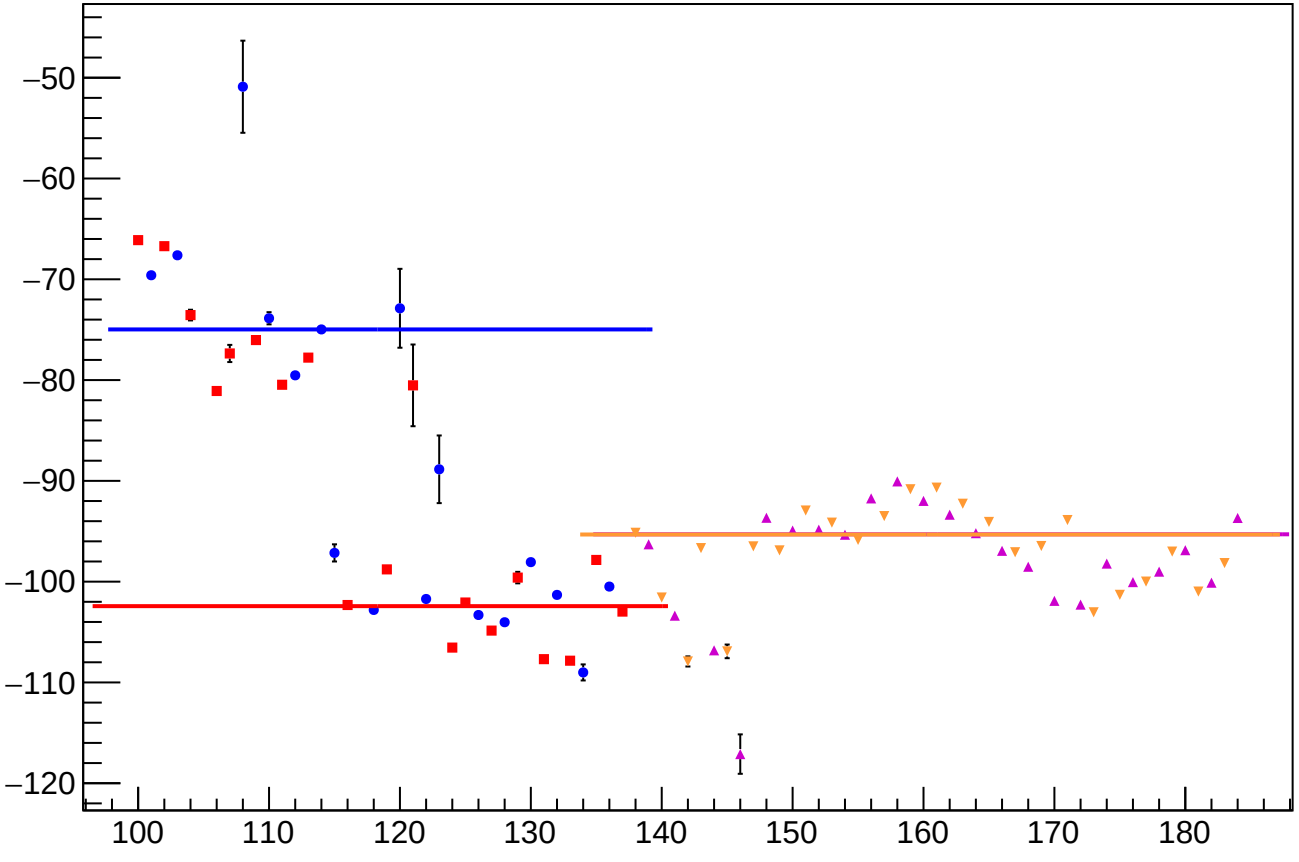
Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:31161.3/39

Out: 66.136+/-0.012 χ^2/NDF:30910.2/42

All: 57.510+/-0.000 χ^2/NDF: 546167.3/82

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -95.322+/-0.039 χ^2/NDF:9354.4/23

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

Left: -95.310+/-0.025 χ^2/NDF: 20626.0/46

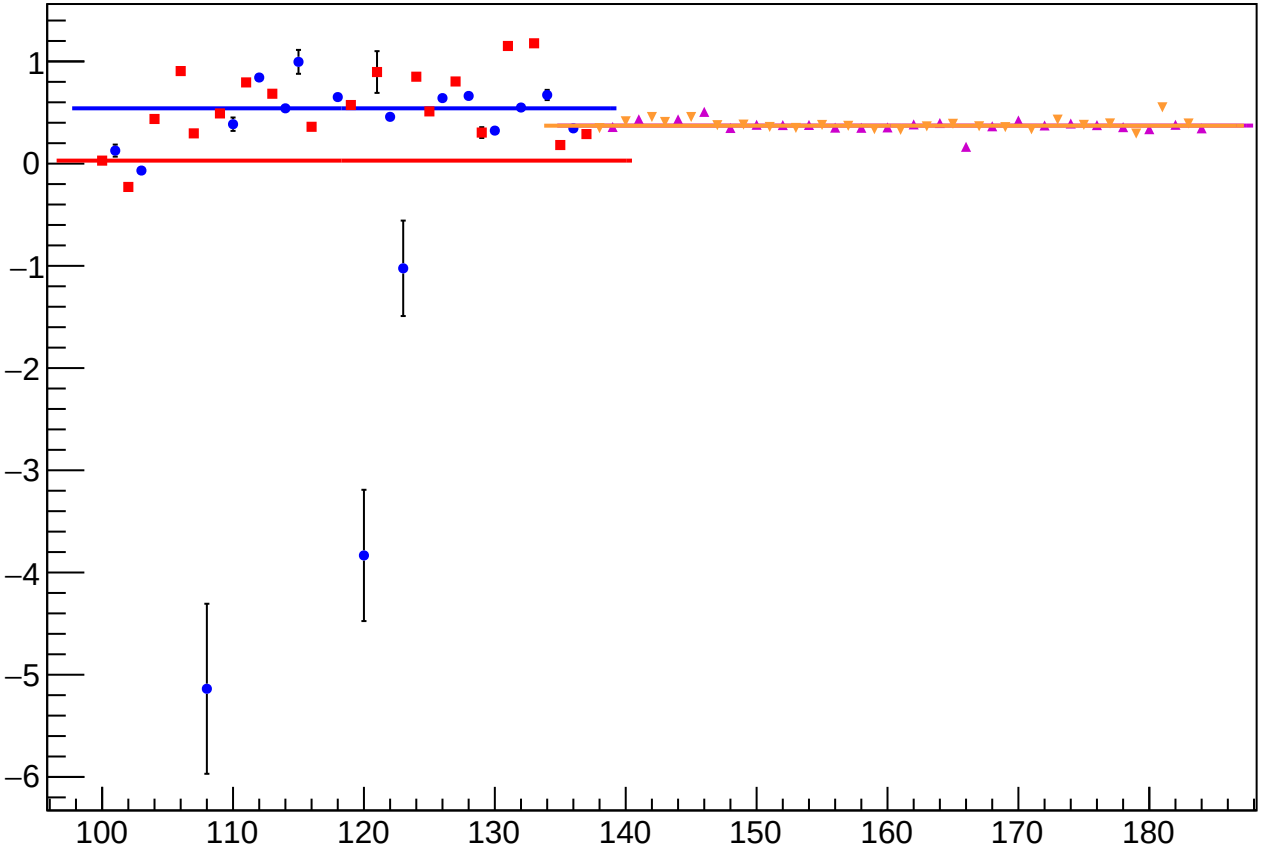
Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:516767.6/39

Out: -101.196+/-0.016 χ^2/NDF:87370.8/42

All: -74.974+/-0.000 χ^2/NDF: 3226121.9/82

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.371+/-0.000 χ^2/NDF:6782.9/23

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

Left: 0.372+/-0.000 χ^2/NDF: 12808.1/46

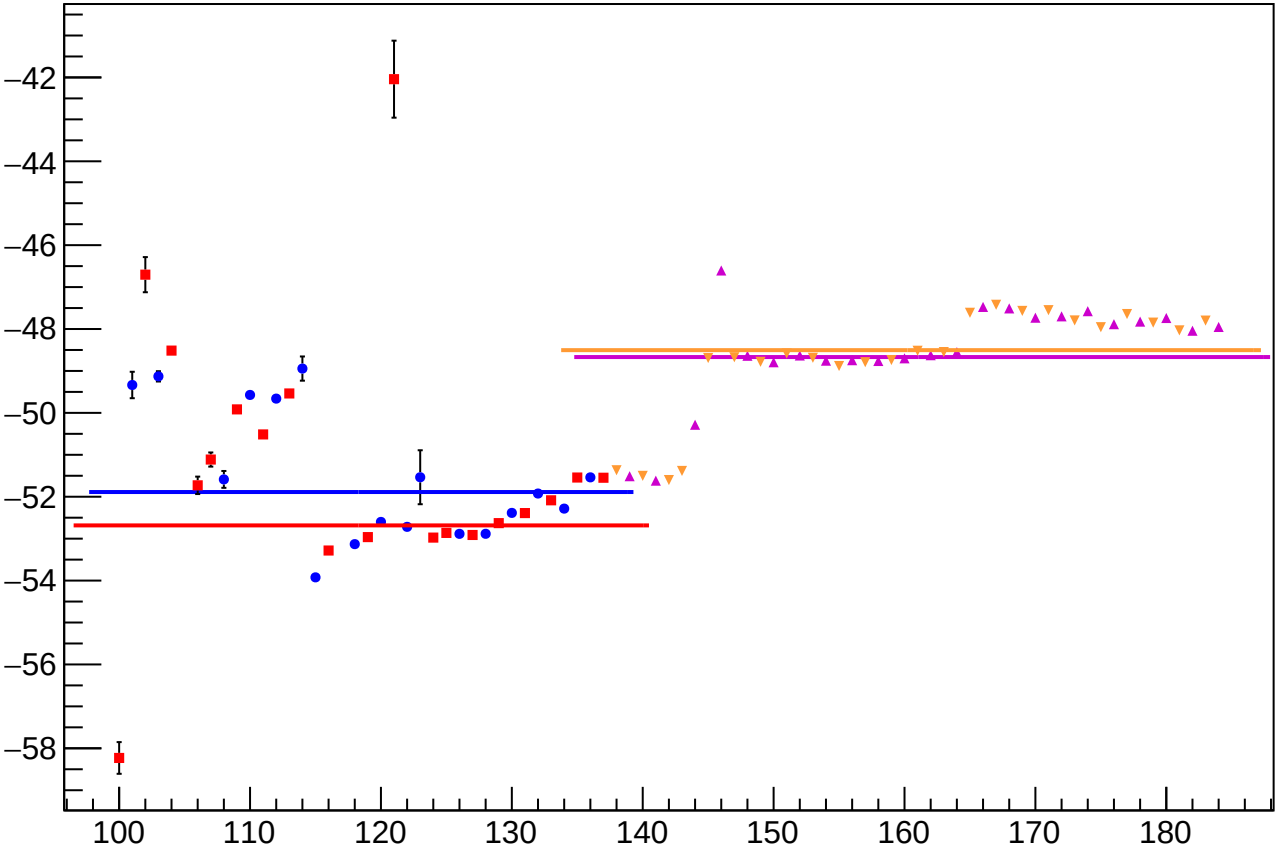
Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:334316.9/39

Out: 0.030+/-0.000 χ^2/NDF:970968.6/42

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888+/-0.002 χ^2/NDF: 77585.2/16

Left Out: -48.504+/-0.001 χ^2/NDF:693454.8/23

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

Left: -48.597+/-0.001 χ^2/NDF: 1516190.0/46

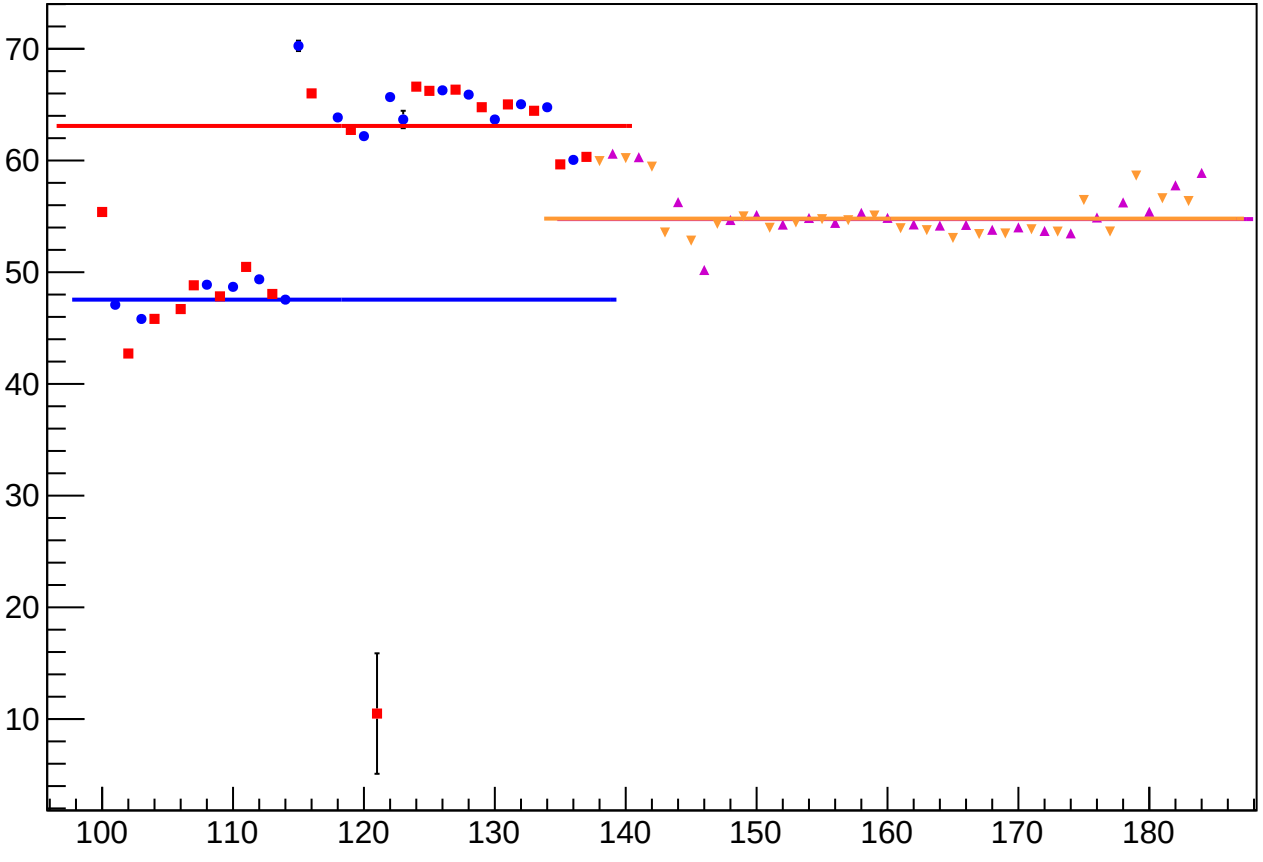
Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -49.152+/-0.001 χ^2/NDF:2661218.9/39

Out: -49.125+/-0.001 χ^2/NDF:3019829.6/42

All: -49.140+/-0.001 χ^2/NDF: 5681453.0/82

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 54.798+/-0.003 χ^2/NDF:298756.9/23

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

Left: 54.774+/-0.002 χ^2/NDF: 399640.2/46

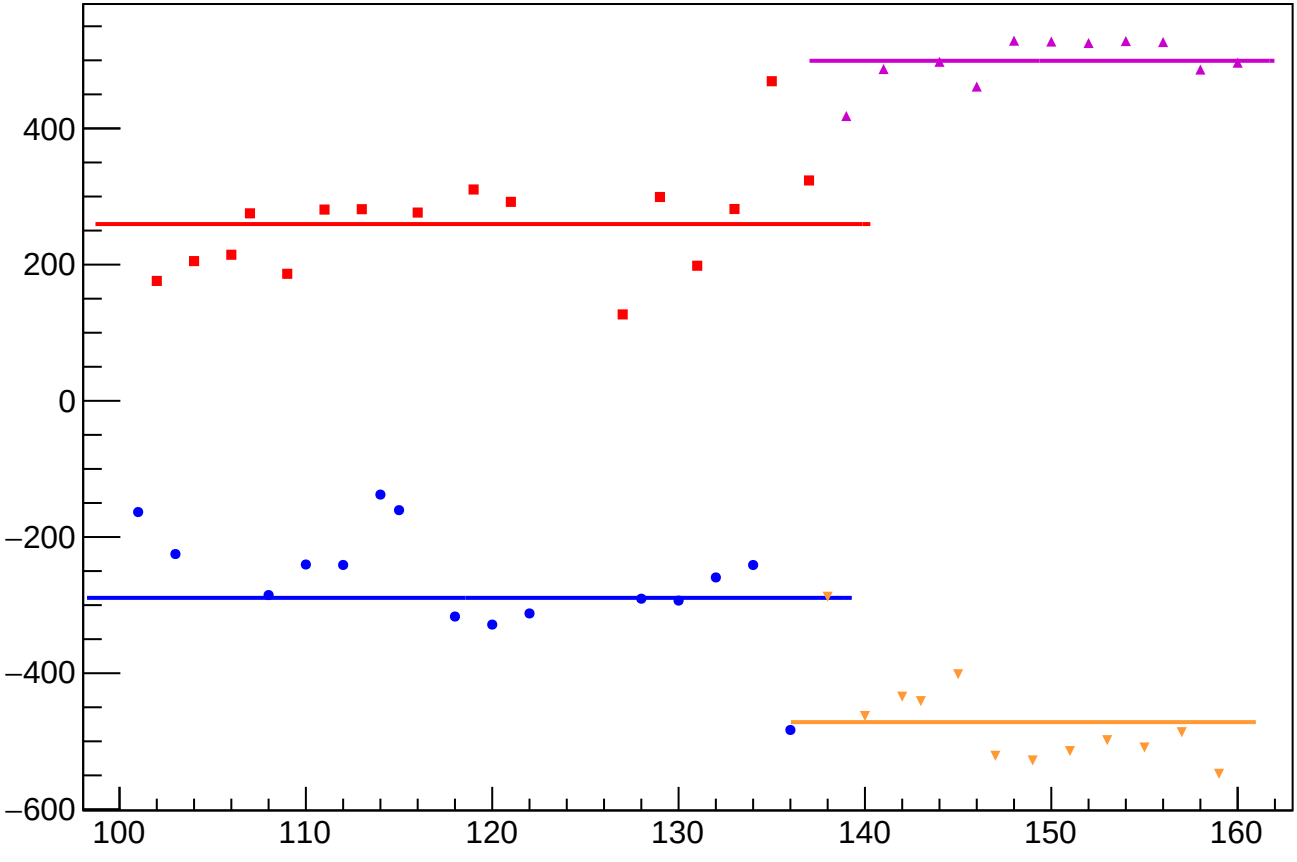
Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:11247259.6/39

Out: 55.920+/-0.003 χ^2/NDF:1698398.0/42

All: 47.545+/-0.000 χ^2/NDF: 22239102.5/82

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 16.408+/-0.000 χ^2/NDF: 4387510726187305

Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

In: 173.938+/-0.000 χ^2/NDF:2434992102571034

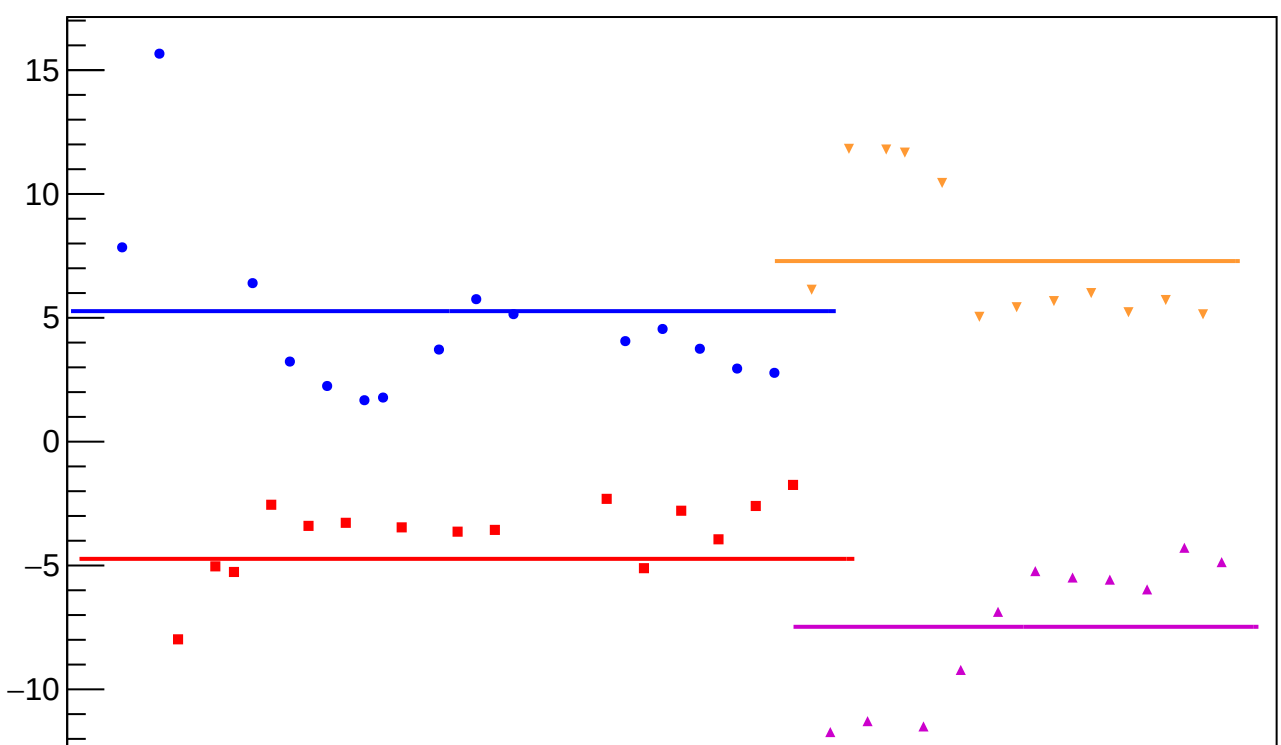
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

Out: -163.246+/-0.000 χ^2/NDF:214955339400548

Left In: 499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655114 24.0/10

All: 4.918+/-0.000 χ^2/NDF: 5481010805807

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.132+/-0.000 χ^2/NDF: 11395661588137733

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

Left Out: 7.291+/-0.000 χ^2/NDF:67180535151728638858364323511664 64.0/11

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

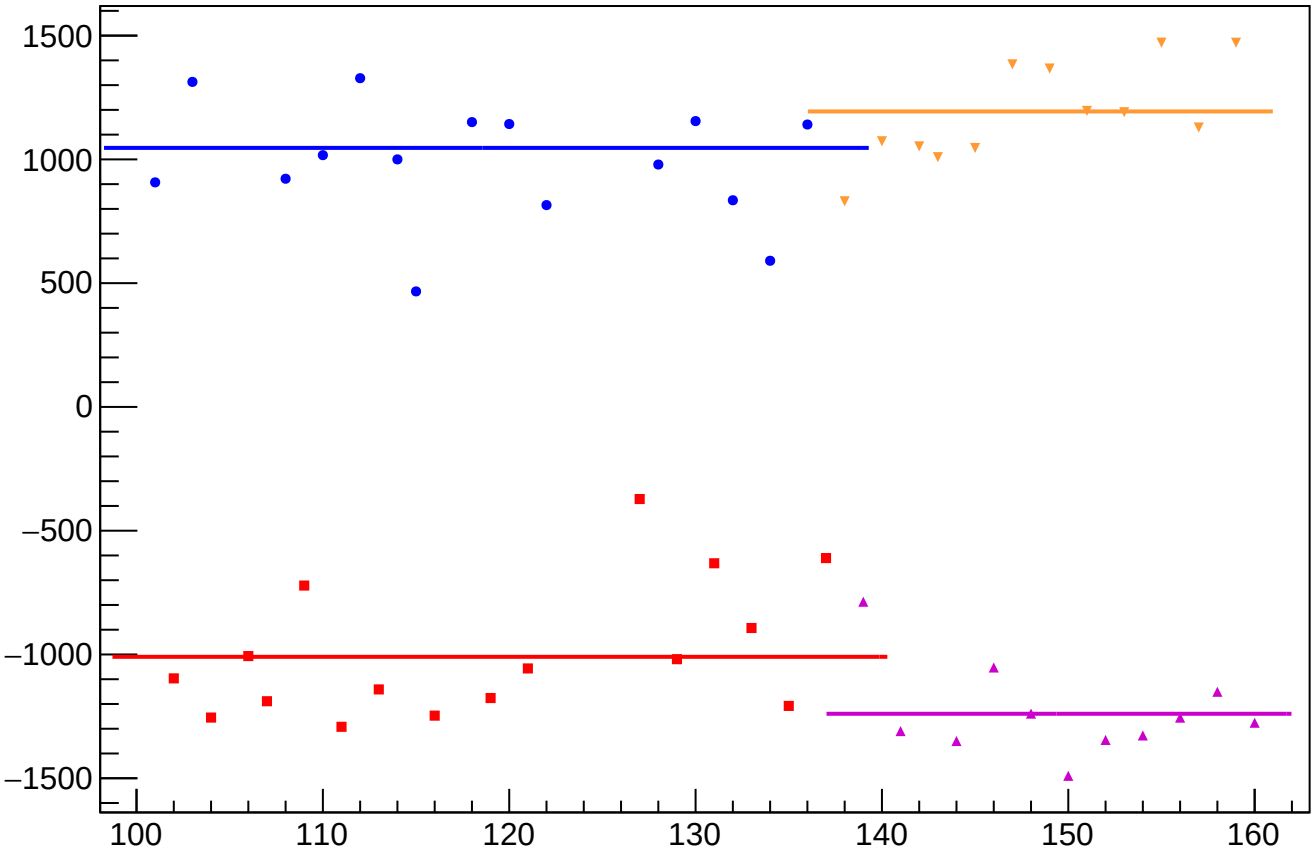
Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: 2.219+/-0.000 χ^2/NDF:69311143911144933 8

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

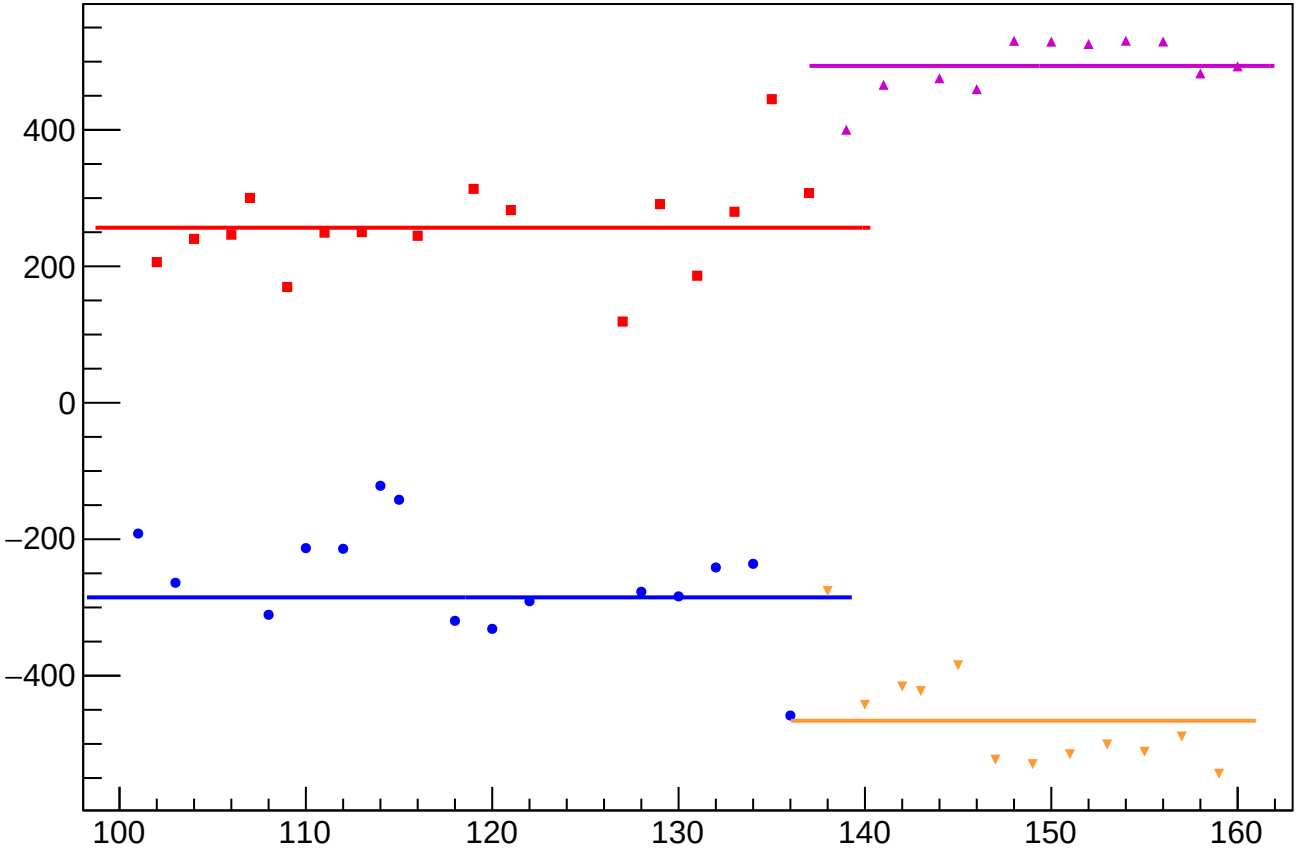
All: 0.007+/-0.000 χ^2/NDF: 16250941727402

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



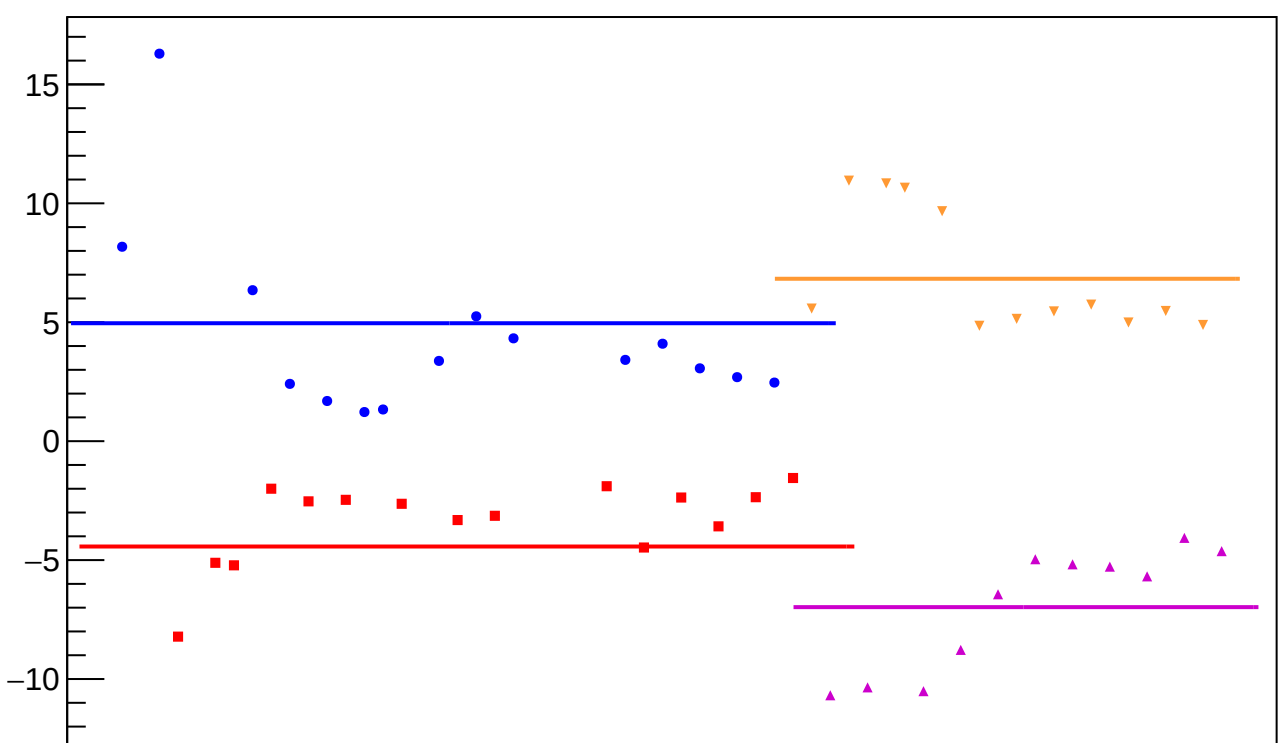
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 16.495+/-0.000 χ^2/NDF: 4299214523366525
Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11
In: 172.388+/-0.000 χ^2/NDF:2372579446199701
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: -161.153+/-0.000 χ^2/NDF:210188051150550
Left In: 493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10
All: 5.194+/-0.000 χ^2/NDF: 5351657860552

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.828+/-0.000 χ^2/NDF:5374095498583312473439971131260928.0/11

Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

Left: -0.112+/-0.000 χ^2/NDF: 98575453845748466

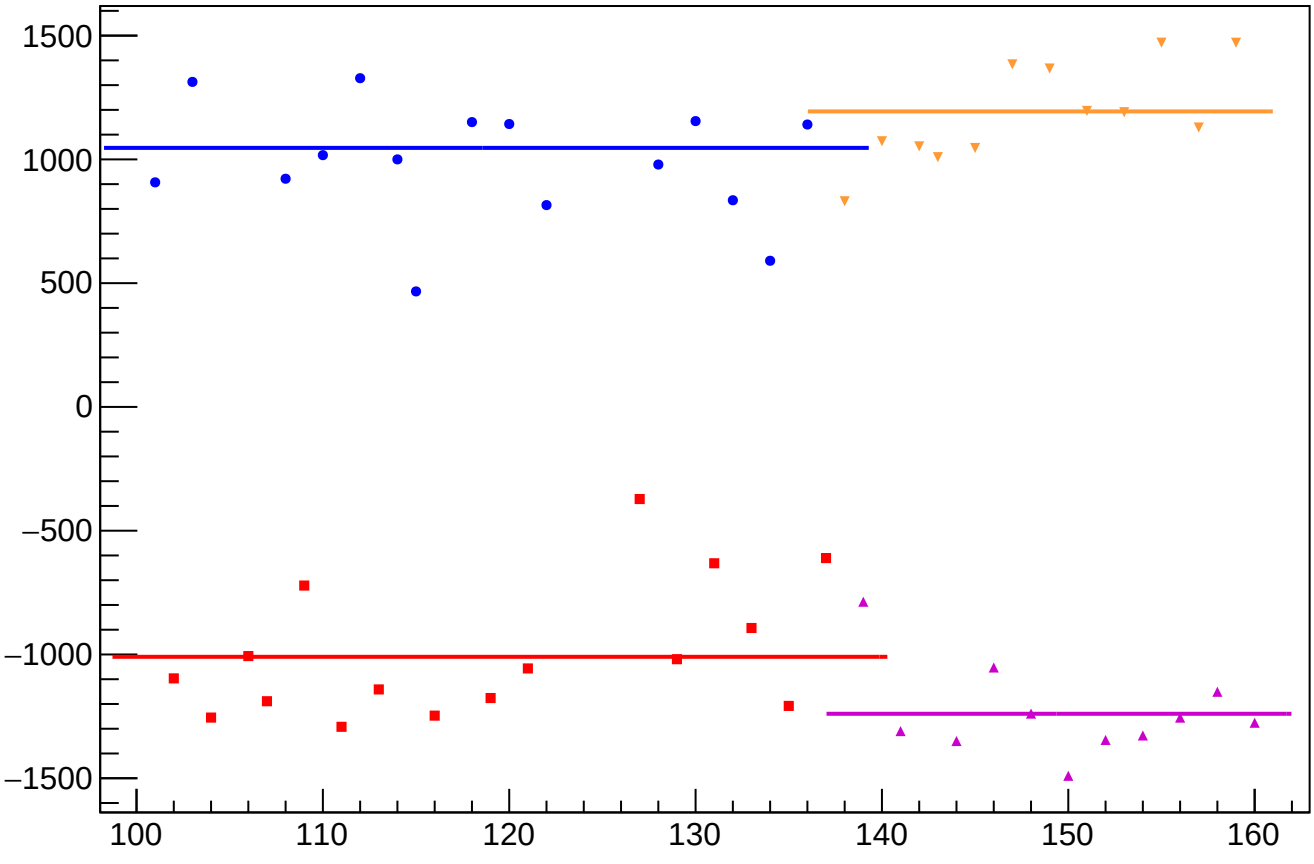
Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Out: 2.079+/-0.000 χ^2/NDF:626104177981069701

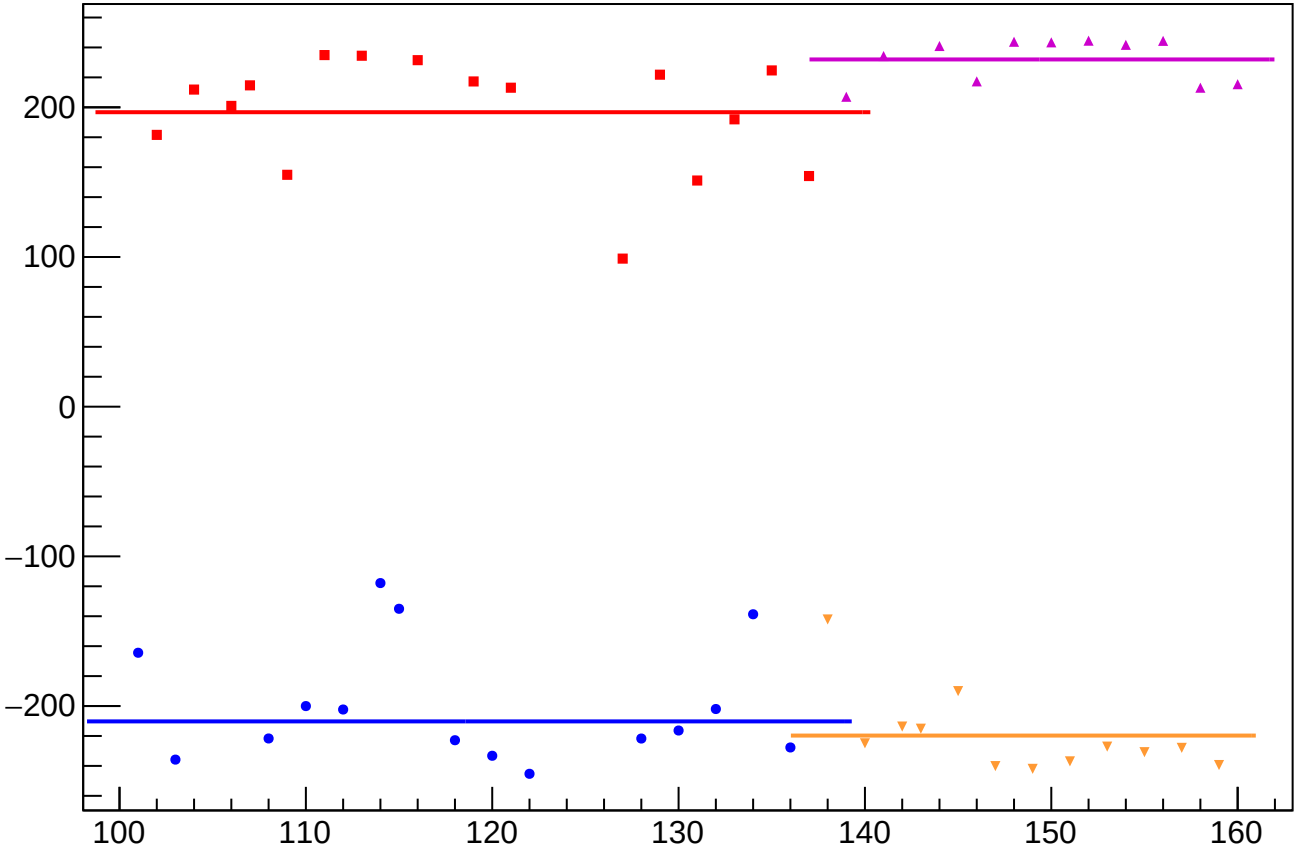
All: 0.018+/-0.000 χ^2/NDF: 1464768921407 0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Left: 7.357+/-0.000 χ^2/NDF: 946302102045066653

Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

In: 49.520+/-0.000 χ^2/NDF:75312551342115055 4

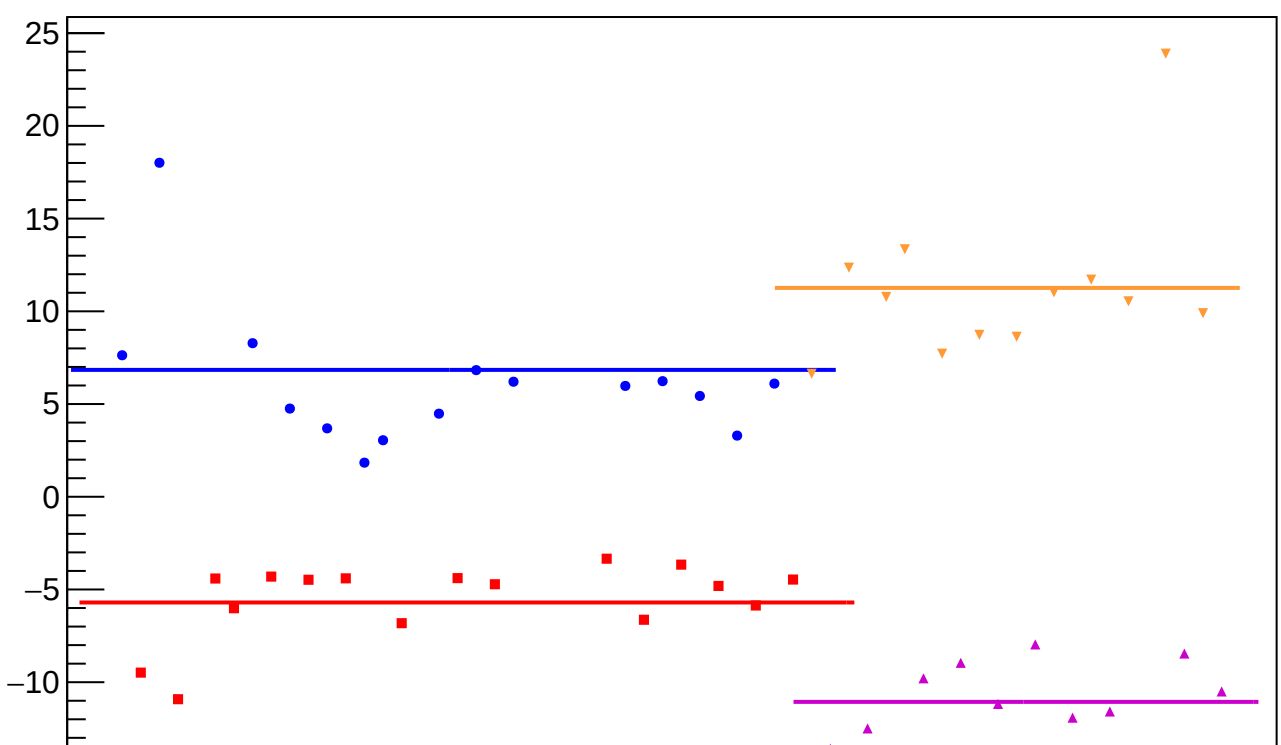
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

Out: -44.029+/-0.000 χ^2/NDF:6848097439733710

Left In: 231.985+/-0.000 χ^2/NDF:1829920272804014631390651052908871 68.0/10

All: 2.627+/-0.000 χ^2/NDF: 15069384503151

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Left: 0.040+/-0.000 χ^2/NDF: 250357817472556188

Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14

Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291

Left Out: 11.263+/-0.000 χ^2/NDF:169504843044958267355265373894082 56.0/11

In: -3.675+/-0.000 χ^2/NDF:135955249397154669

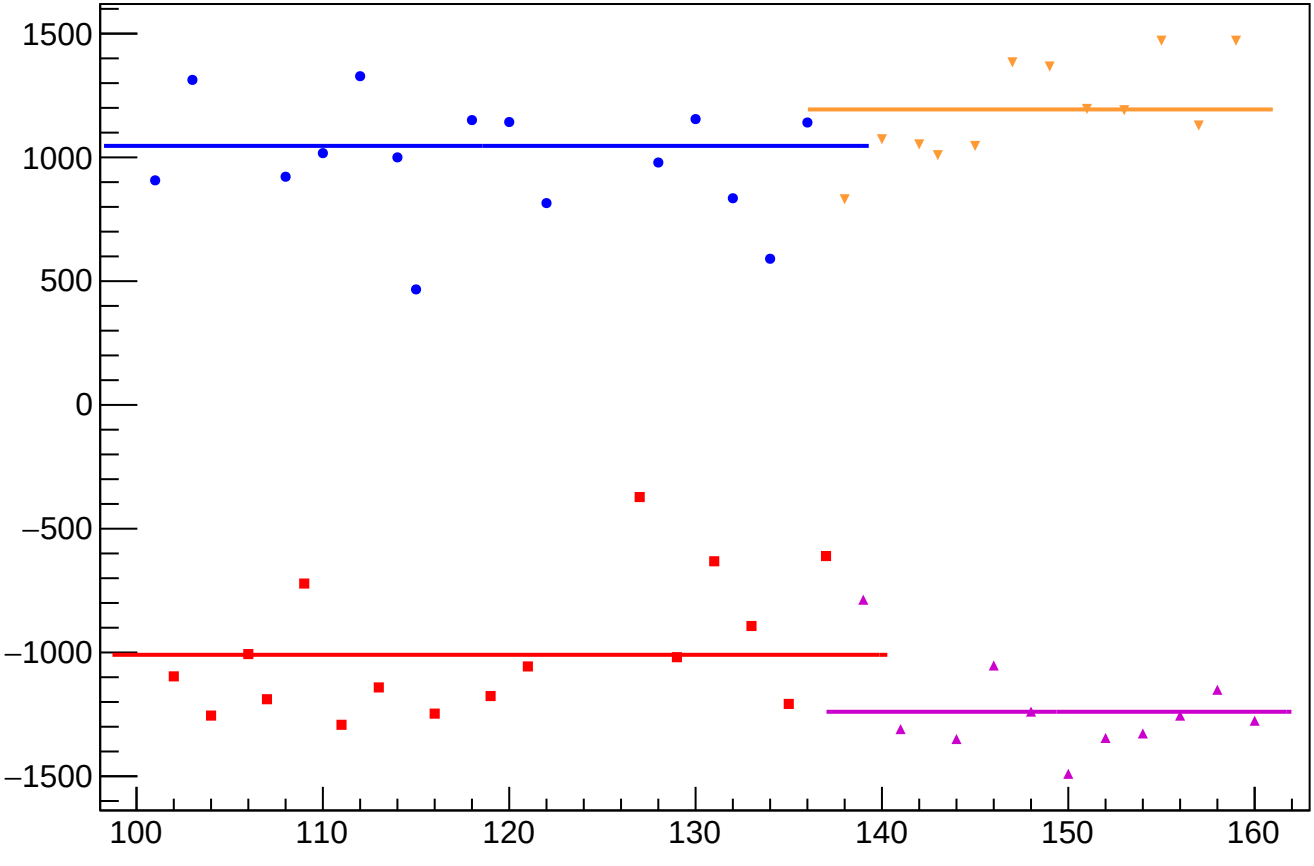
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

Out: 4.106+/-0.000 χ^2/NDF:131096875714597245

Left In: -11.061+/-0.000 χ^2/NDF:441755938778495440031193371351449 6.0/10

All: 0.226+/-0.000 χ^2/NDF: 3147874341547

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

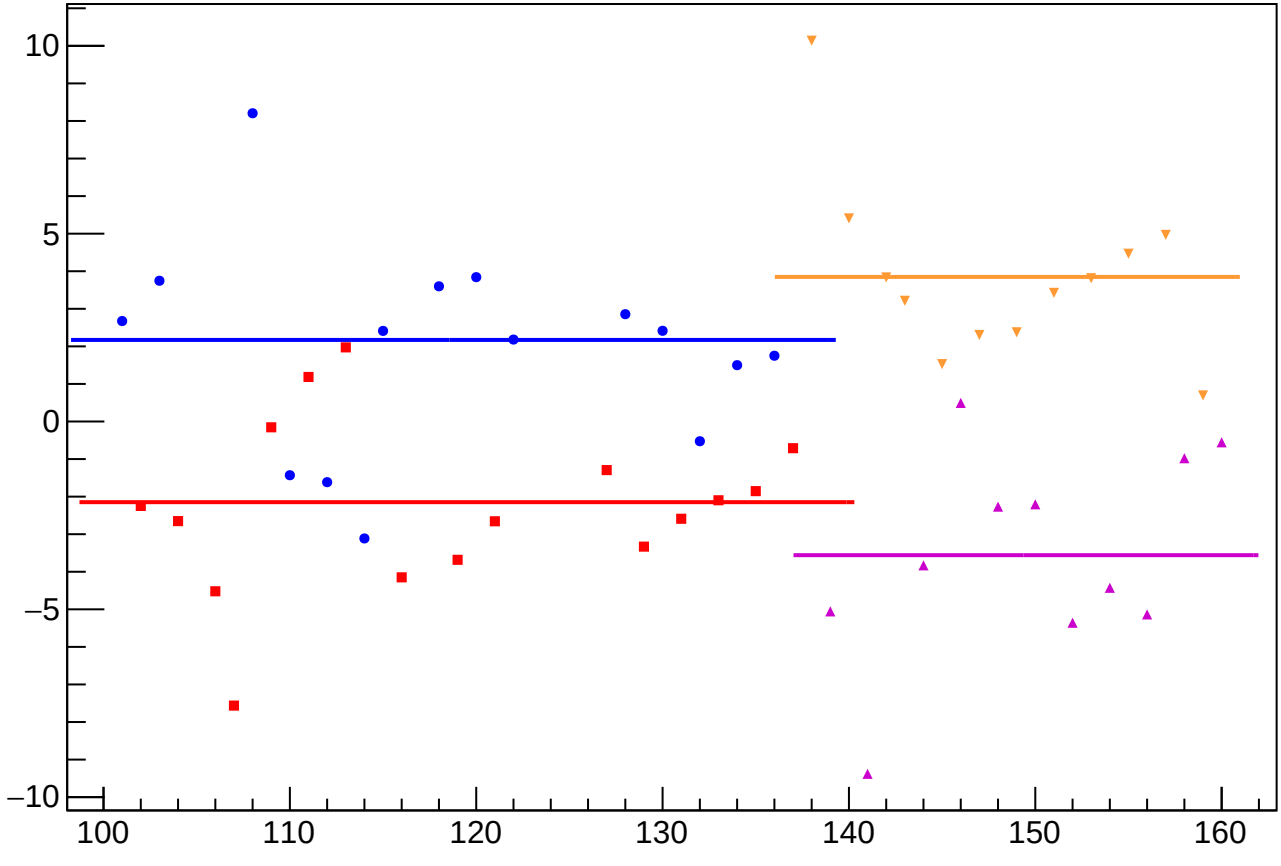
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

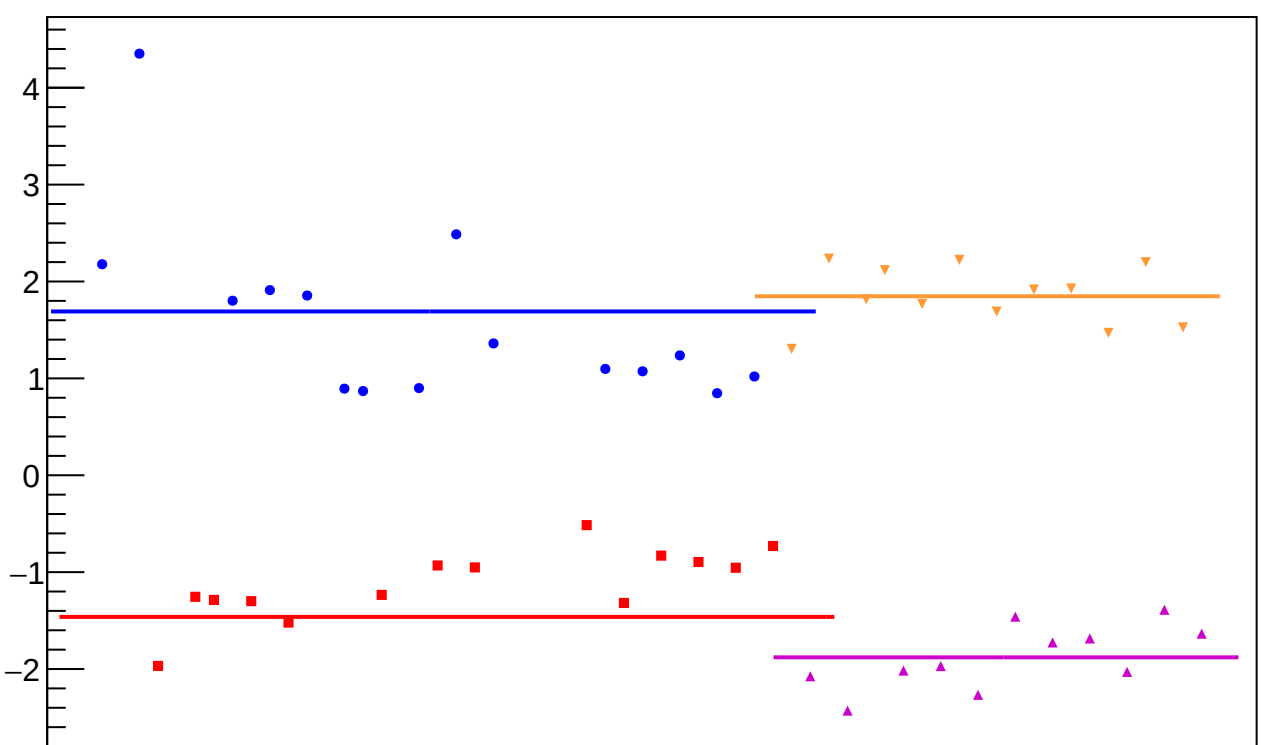
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aY_coil1_mean vs Slug, Sign Corrected



Left: 0.125+/-0.000 χ^2/NDF: 36741877851651066
Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488
Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11
In: -1.195+/-0.000 χ^2/NDF:226097487134650351
Right Out: -2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187 8400.0/15
Out: 1.319+/-0.000 χ^2/NDF:21996427060229327 9
Left In: -3.559+/-0.000 χ^2/NDF:649266734510996254065216575871 3856.0/10
All: 0.065+/-0.000 χ^2/NDF: 4958691380061 8

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.026+/-0.000 χ^2/NDF: 65568039047872649

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

In: -0.406+/-0.000 χ^2/NDF:55619651777118776 5

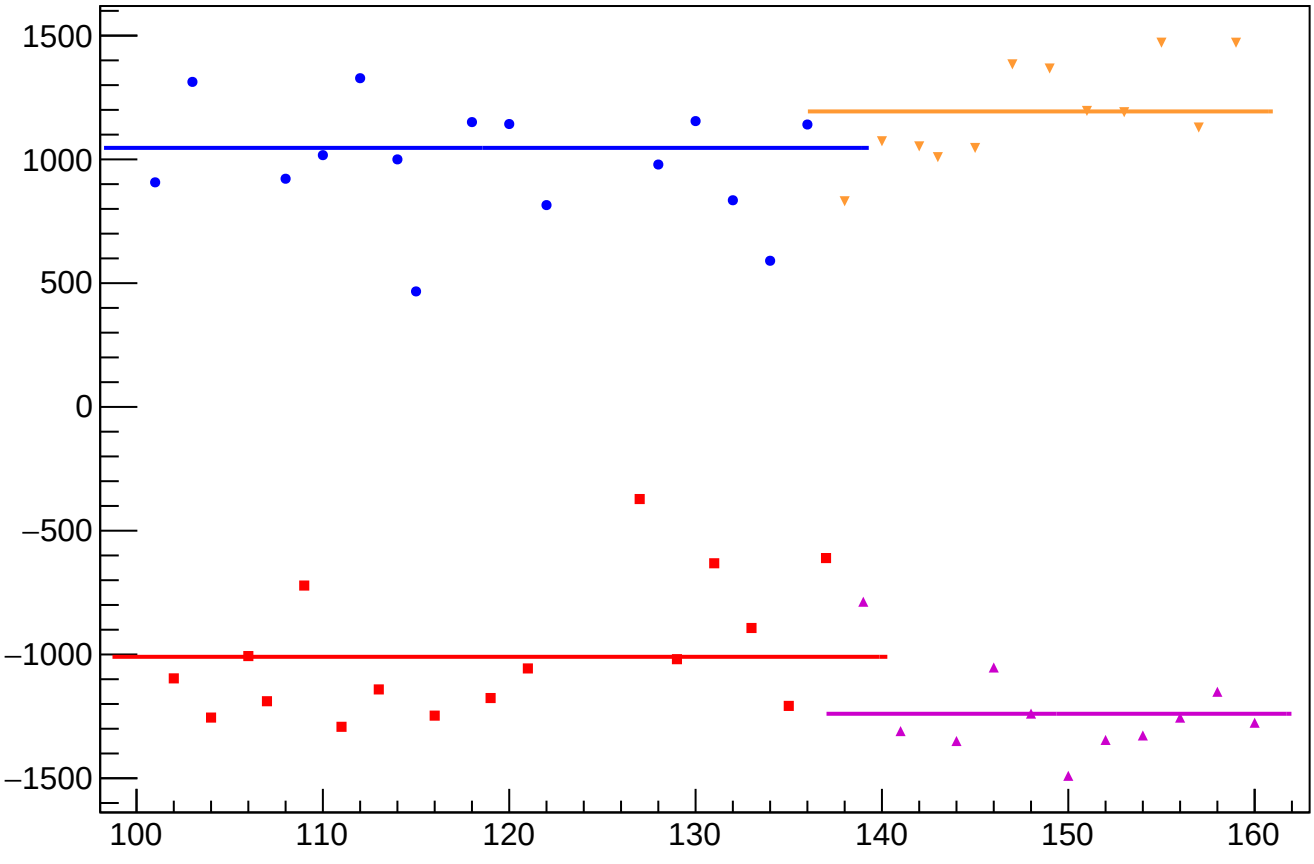
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.451+/-0.000 χ^2/NDF:47521424919016649 0

Left In: -1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

All: 0.024+/-0.000 χ^2/NDF: 1089396040046 2

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

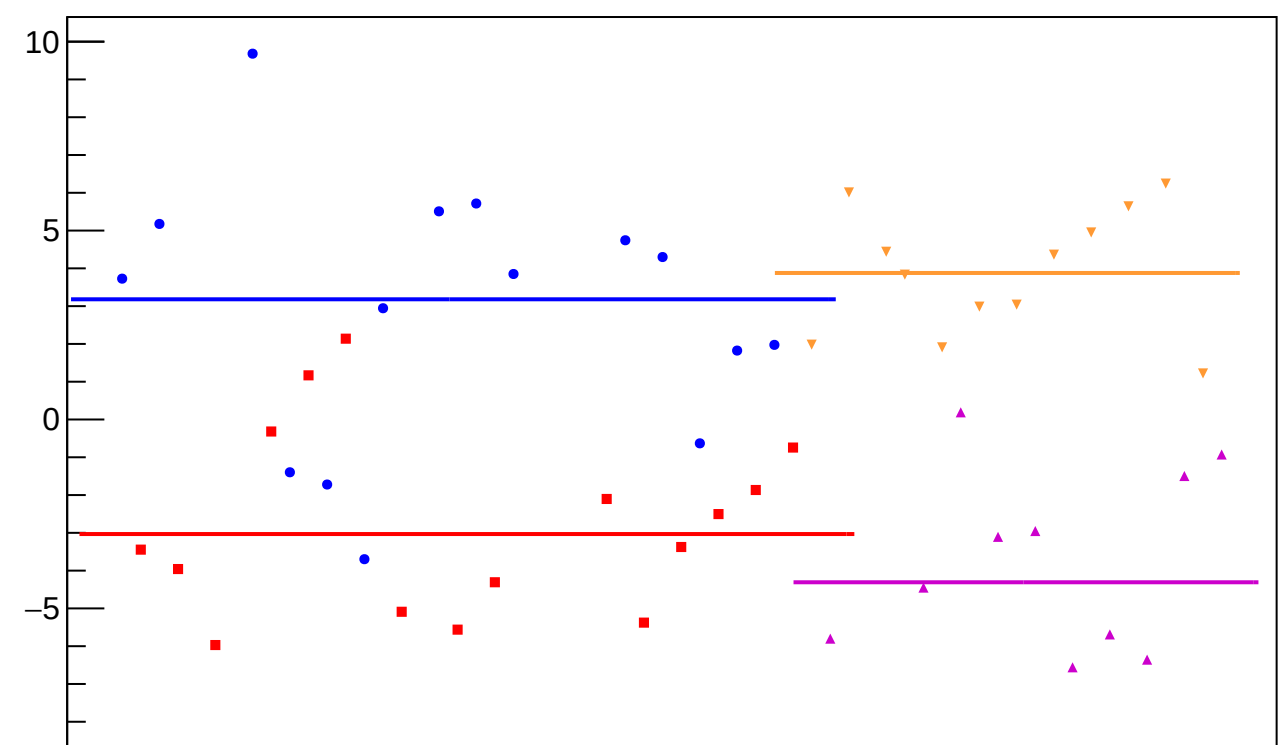
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -0.237+/-0.000 χ^2/NDF: 40330727078704471

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

In: -1.218+/-0.000 χ^2/NDF:342914810766388262

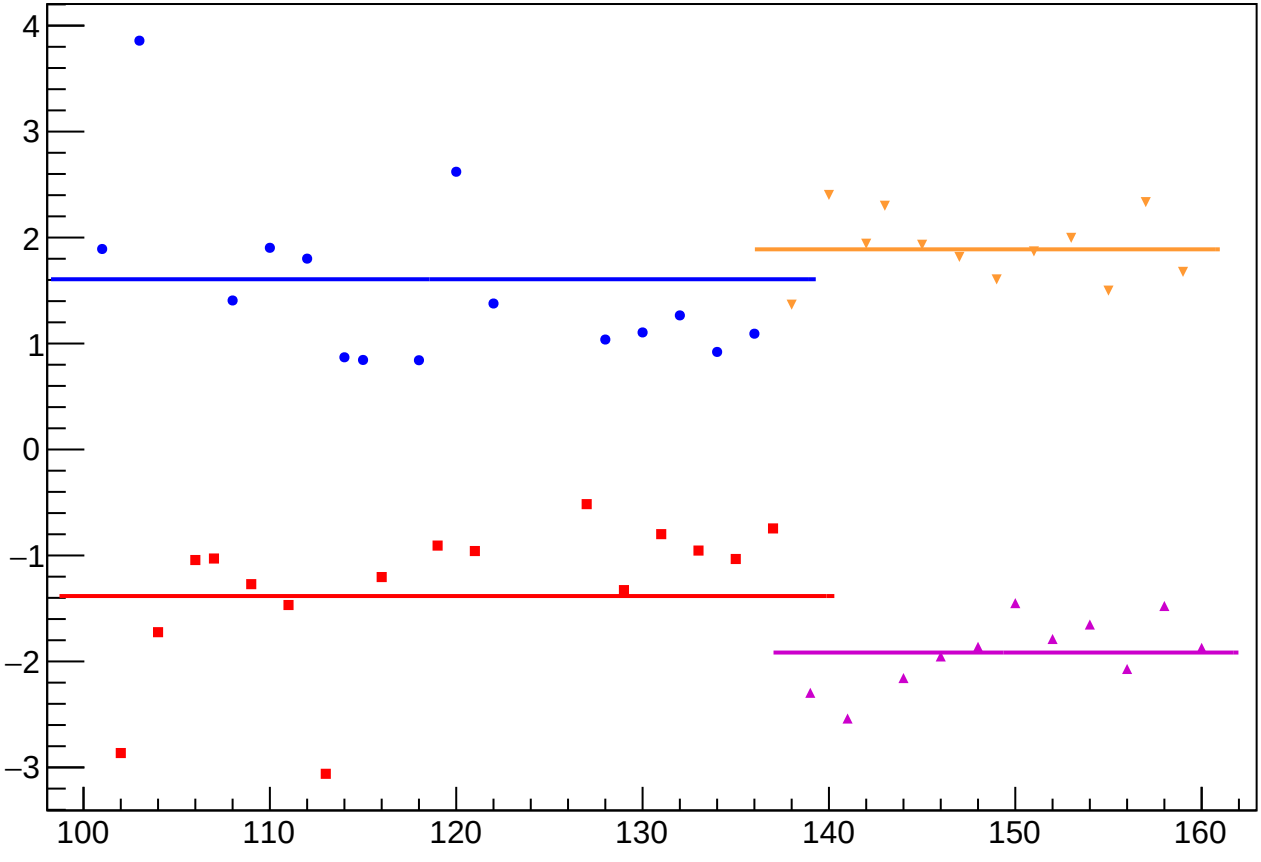
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Out: 0.963+/-0.000 χ^2/NDF:25811484949024746 6

Left In: -4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

All: -0.125+/-0.000 χ^2/NDF: 6385427084403

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.024+/-0.000 χ^2/NDF: 6841688132023848

Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

Right: 0.091+/-0.000 χ^2/NDF: 3759027904529624

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

In: -0.463+/-0.000 χ^2/NDF:5286971171108857

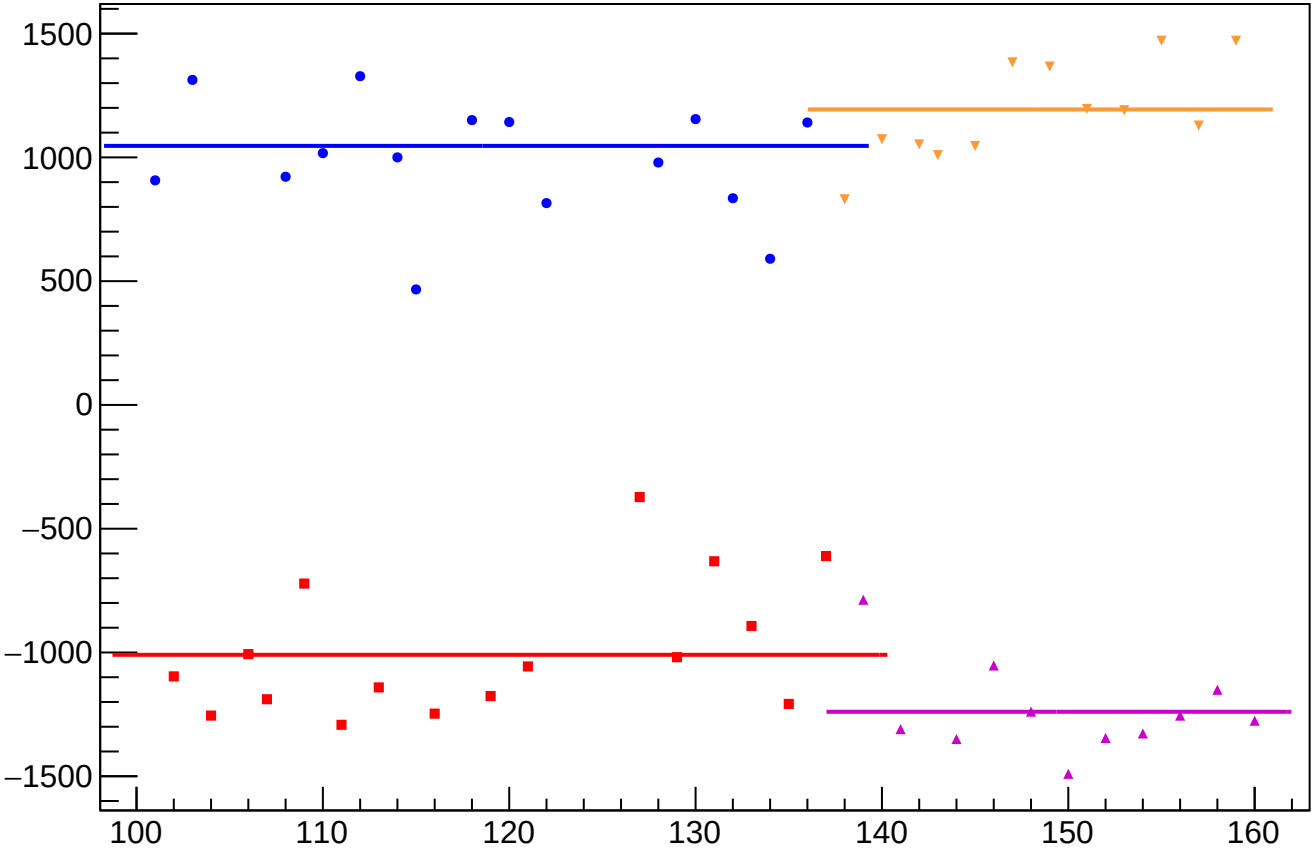
Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Out: 0.509+/-0.000 χ^2/NDF:4580158091435644

Left In: -1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

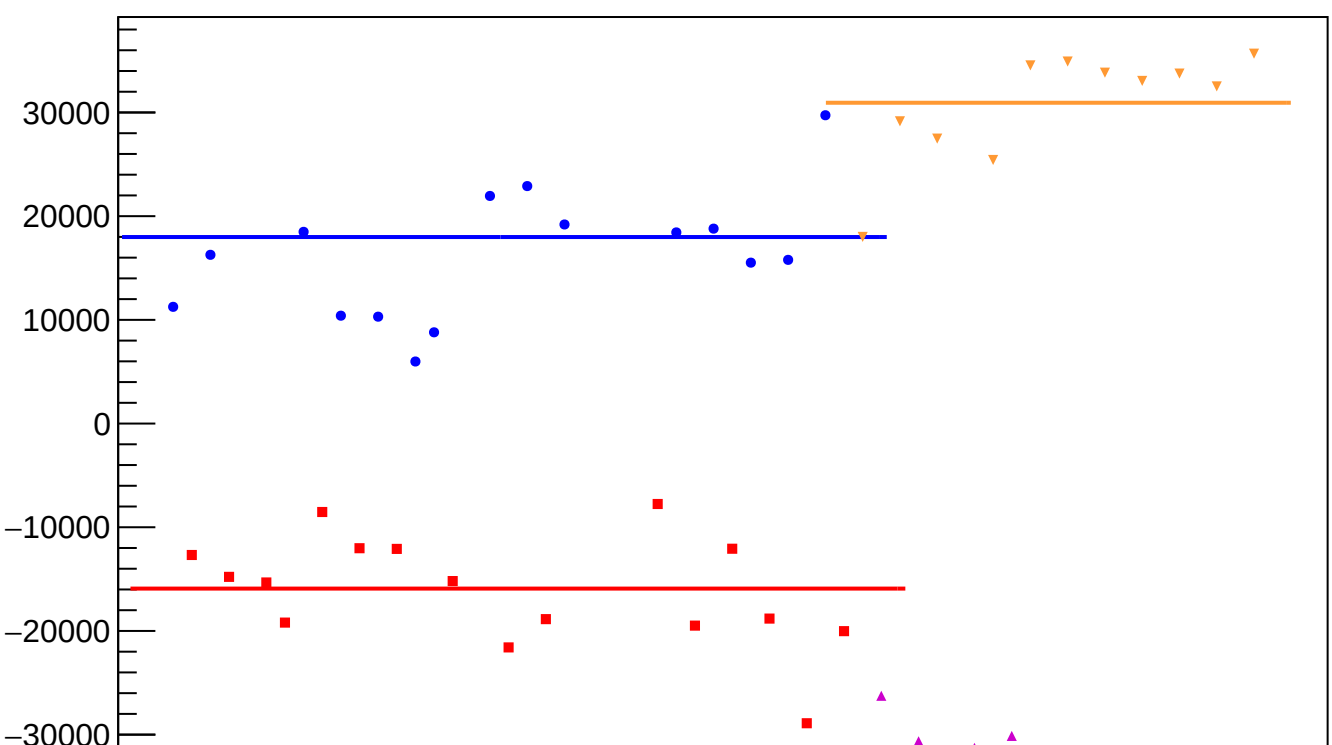
All: 0.024+/-0.000 χ^2/NDF: 1061091914309

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



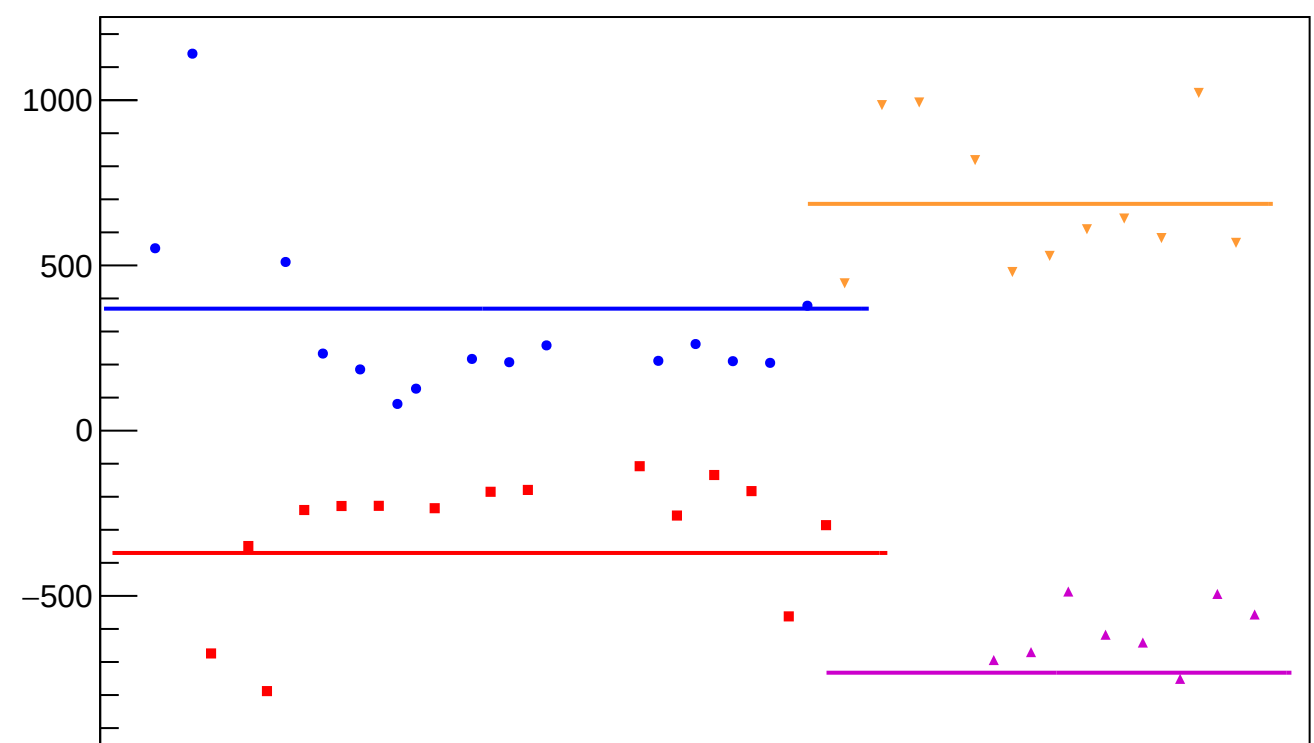
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_usl_coil1_mean vs Slug, Sign Corrected



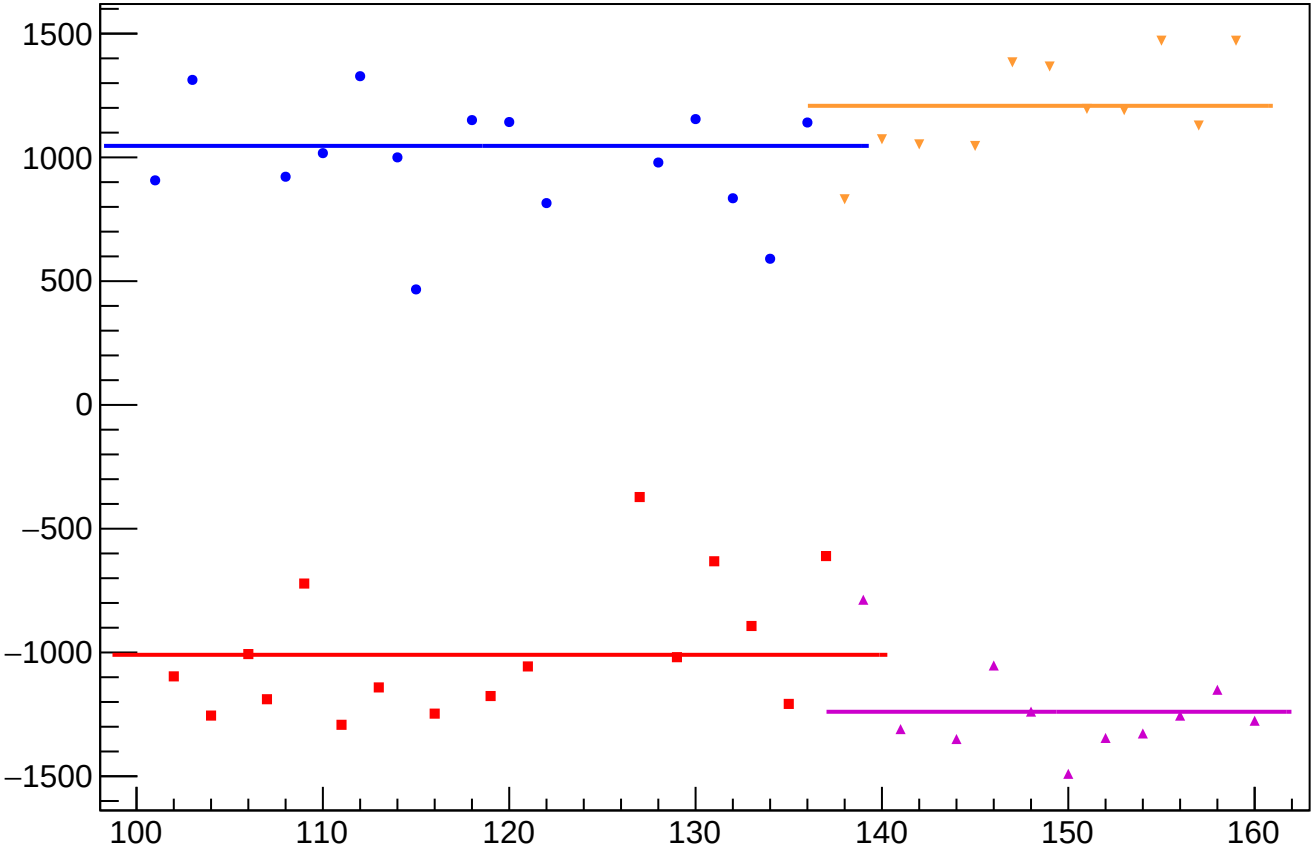
Left: -2133.218+/-0.000 χ^2/NDF: 18043574400904
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30938.190+/-0.000 χ^2/NDF:222312016952578697732753691000223951749 12.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15
Out: 10296.691+/-0.000 χ^2/NDF:8613400565177 2
Left In: -32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10
All: -880.808+/-0.000 χ^2/NDF: 22337383681

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -53.927+/-0.000 χ^2/NDF: 9637444088890032
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10
In: -277.915+/-0.000 χ^2/NDF:5506122743016459
Right Out: -370.091+/-0.000 χ^2/NDF: 482144629070521075430370371253169029 12.0/15
Out: 220.868+/-0.000 χ^2/NDF:4990060425301362
Left In: -732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10
All: -33.290+/-0.000 χ^2/NDF: 124154771081

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -68.820+/-0.000 χ^2/NDF: 2709064239069646

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

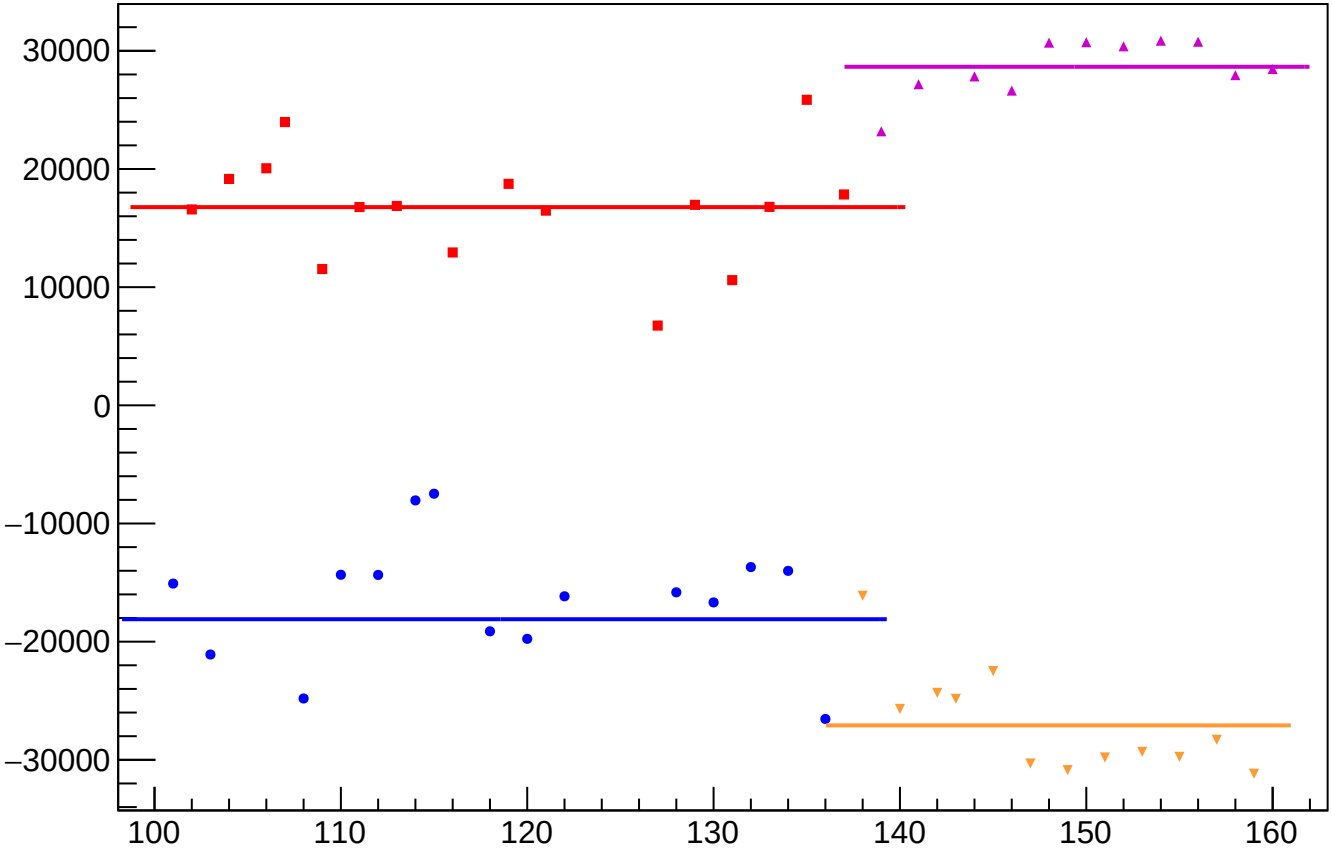
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 231.285+/-0.000 χ^2/NDF:191189164590426 4

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -37.580+/-0.000 χ^2/NDF: 41729681517 4

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 934.162+/-0.000 χ^2/NDF: 1449134260498682

Right In: -18100.637+/-0.000 χ^2/NDF: 14634967546173586967632040765428699496448.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -27085.326+/-0.000 χ^2/NDF:16913671790830002451724713056210492850176.0/11

In: 9361.516+/-0.000 χ^2/NDF:8527147862381255

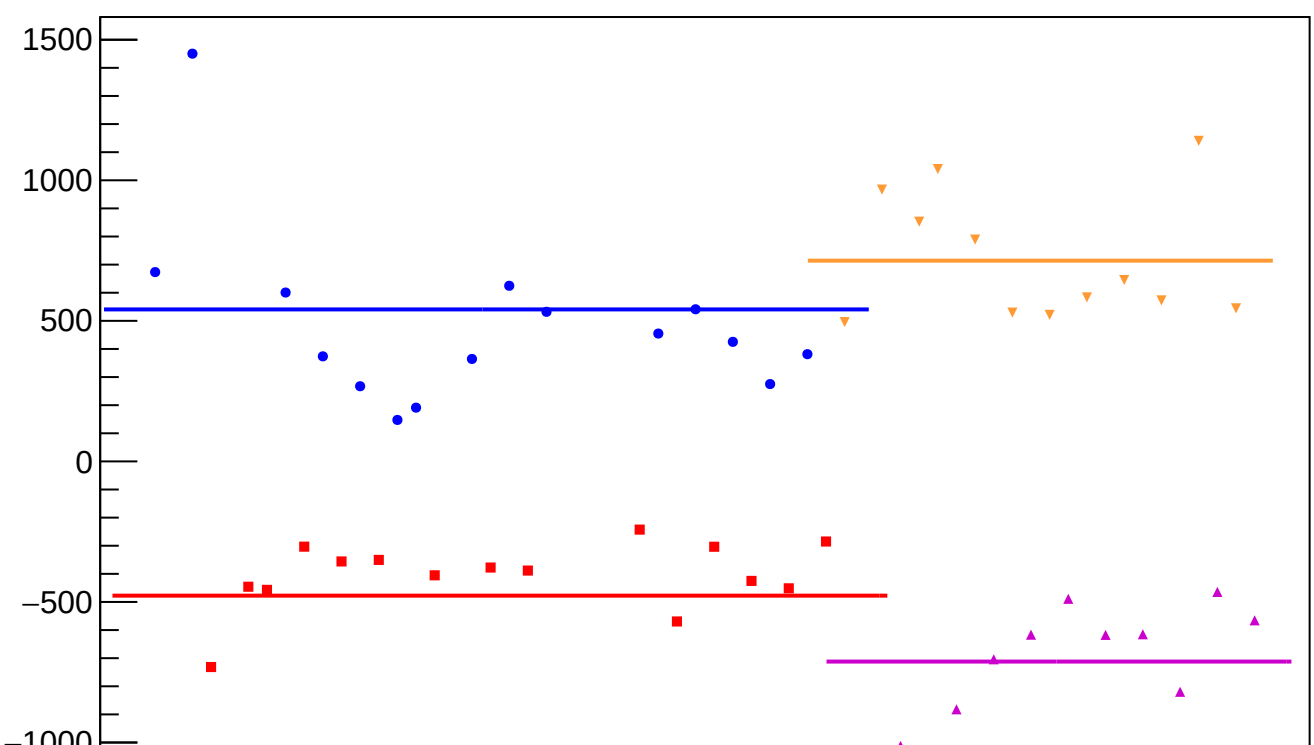
Right Out: 16773.604+/-0.000 χ^2/NDF: 14234547931135812277474342886568366178304.0/15

Out: -8581.907+/-0.000 χ^2/NDF:77289596182504

Left In: 28650.410+/-0.000 χ^2/NDF:48388275359810808267259474743447655546 88.0/10

All: 367.048+/-0.000 χ^2/NDF: 187947964191

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 714.147+/-0.000 χ^2/NDF:4316097547863146024857574592815615180 8.0/11

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

Left: -2.853+/-0.000 χ^2/NDF: 10119212919667896

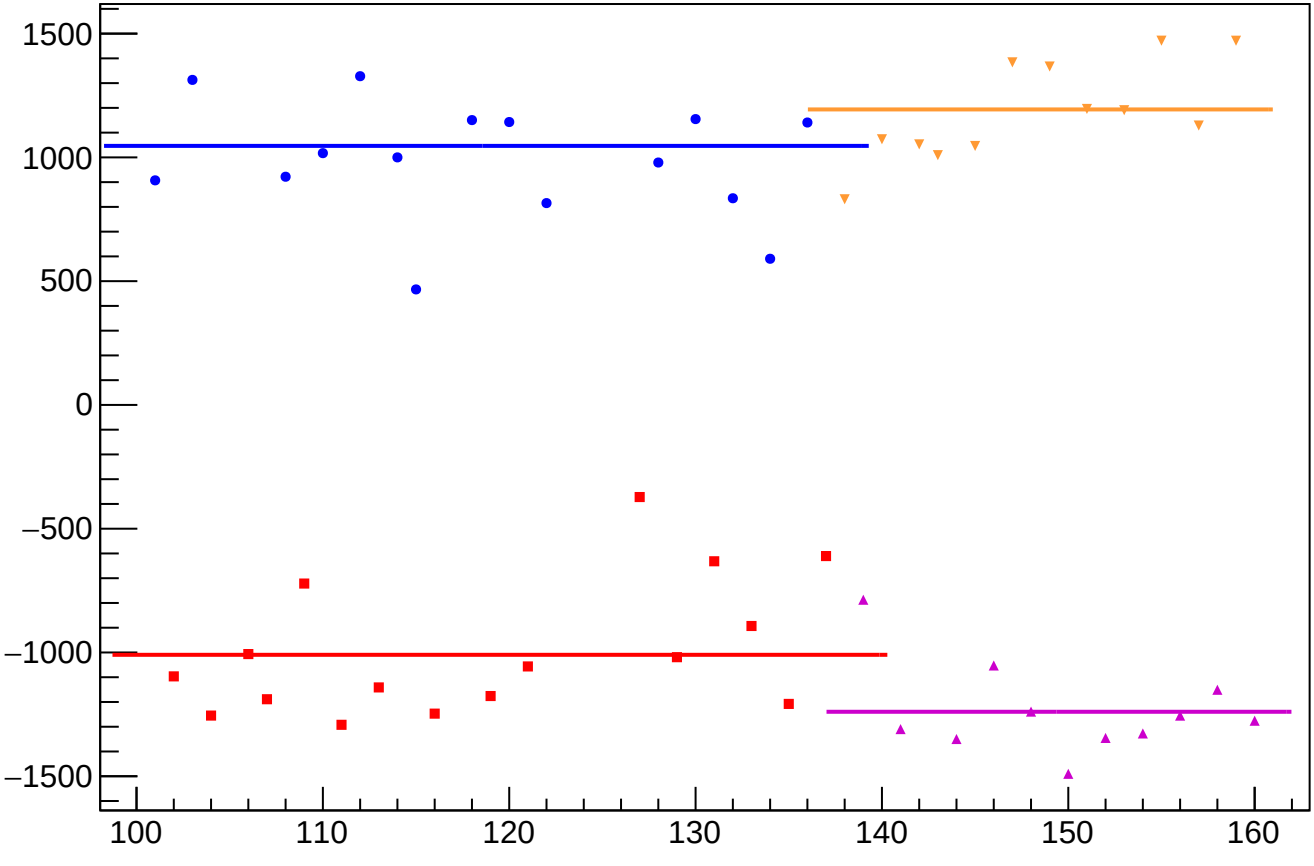
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 211.390+/-0.000 χ^2/NDF:6295663774355160

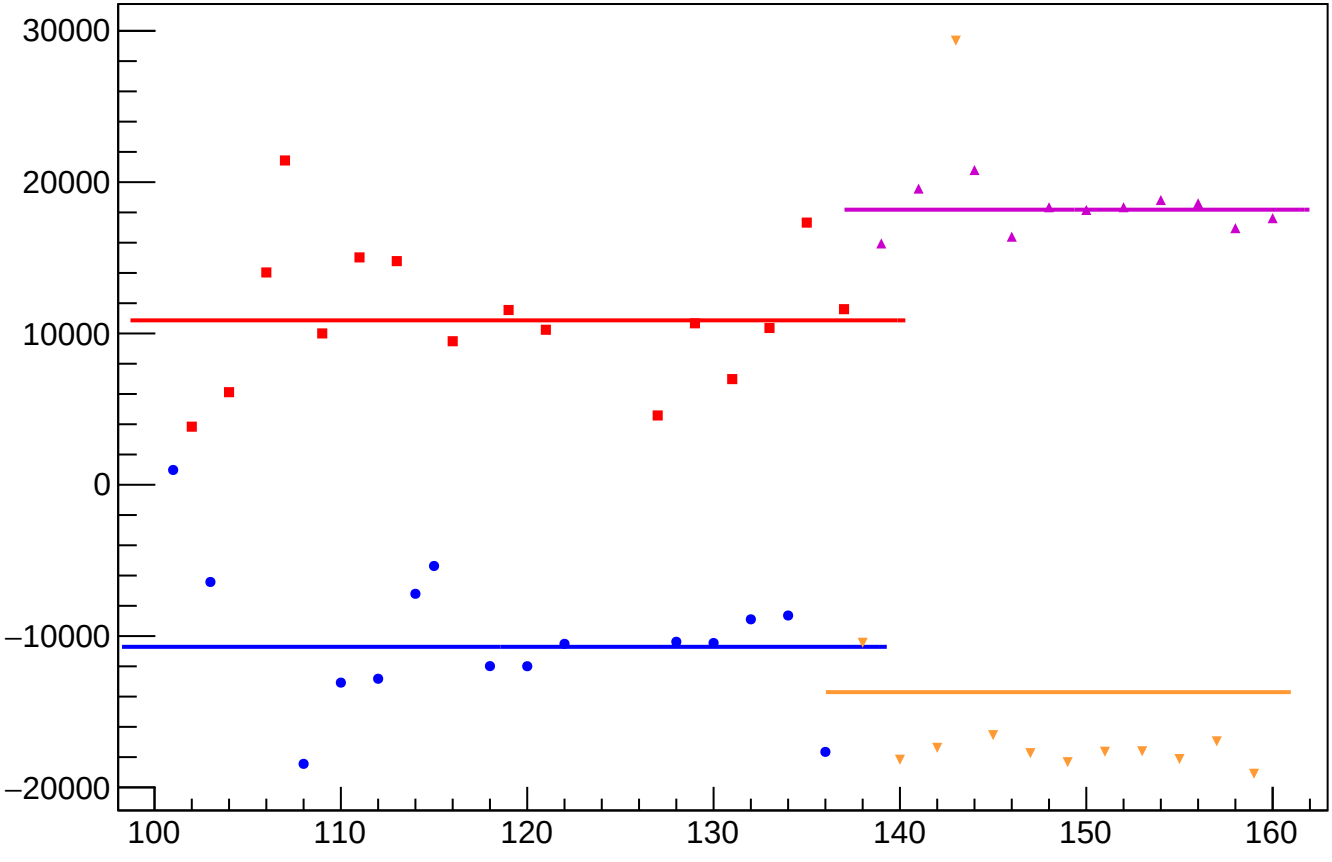
All: 8.600+/-0.000 χ^2/NDF: 14568707976042

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 2324.752+/-0.000 χ^2/NDF: 607066825649852

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

In: 6261.113+/-0.000 χ^2/NDF:336815857232803 3

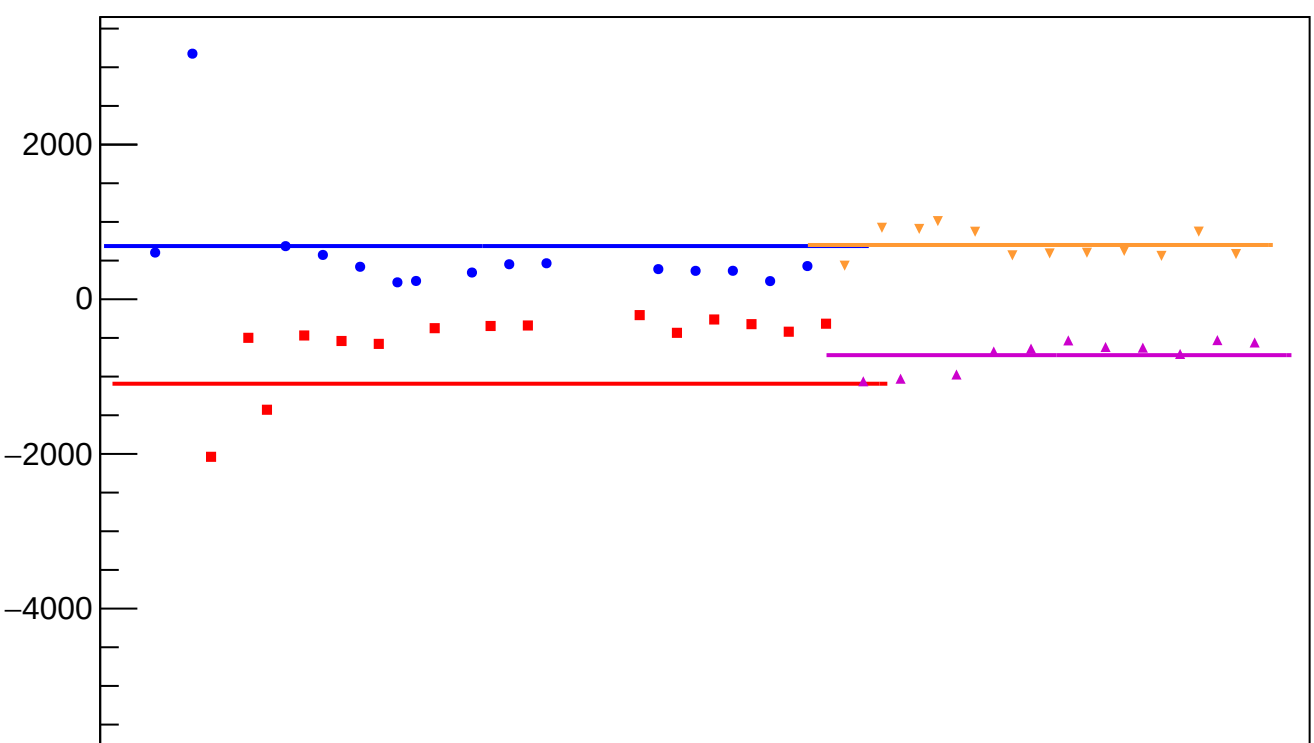
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3339.037+/-0.000 χ^2/NDF:38527704471172

Left In: 18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

All: 1448.863+/-0.000 χ^2/NDF: 7947628614 2

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Left: -14.334+/-0.000 χ^2/NDF: 9951844683767870

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

In: -140.714+/-0.000 χ^2/NDF:1201648470022181

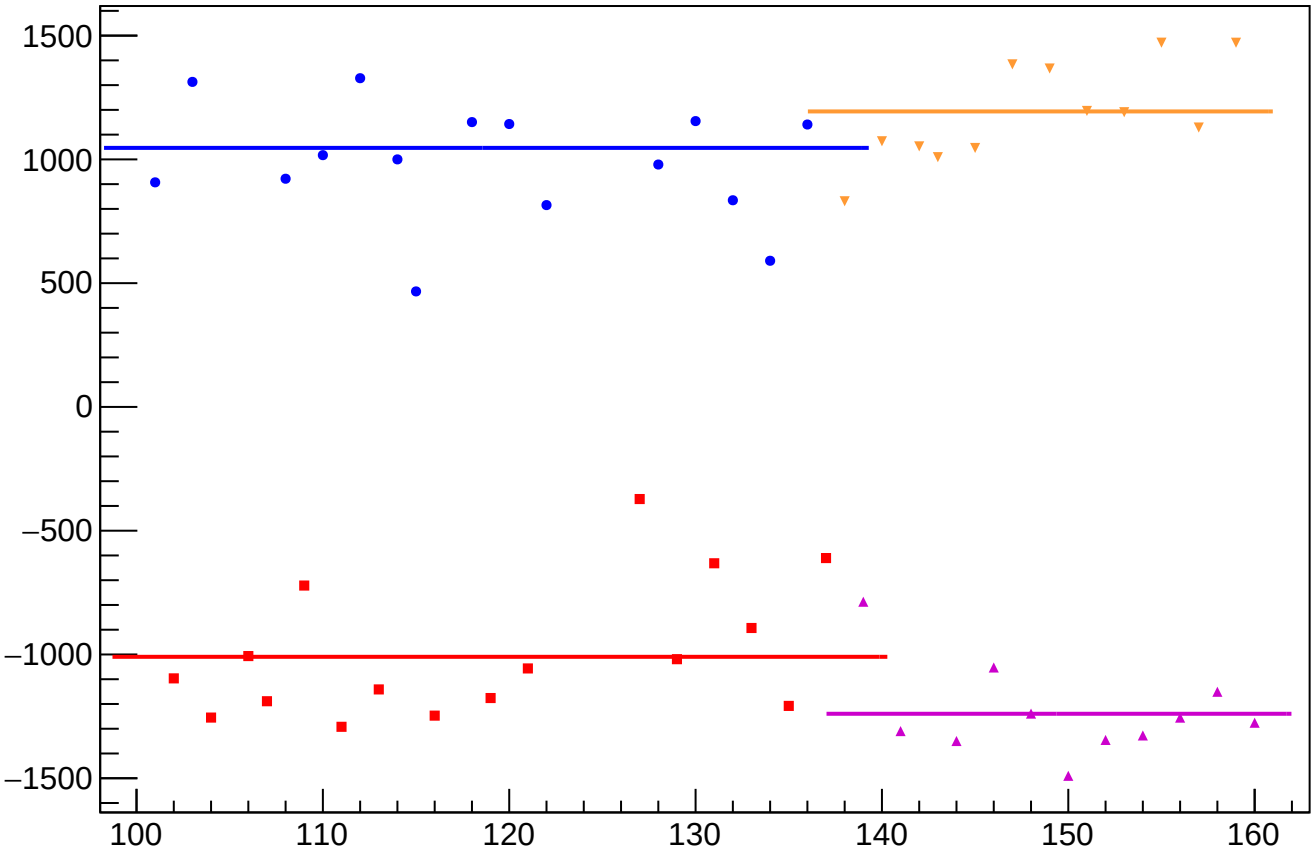
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -55.074+/-0.000 χ^2/NDF:3153372442385616

Left In: -722.743+/-0.000 χ^2/NDF:3369313711651394807786033041053528883 2.0/10

All: -97.785+/-0.000 χ^2/NDF: 436080381727

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

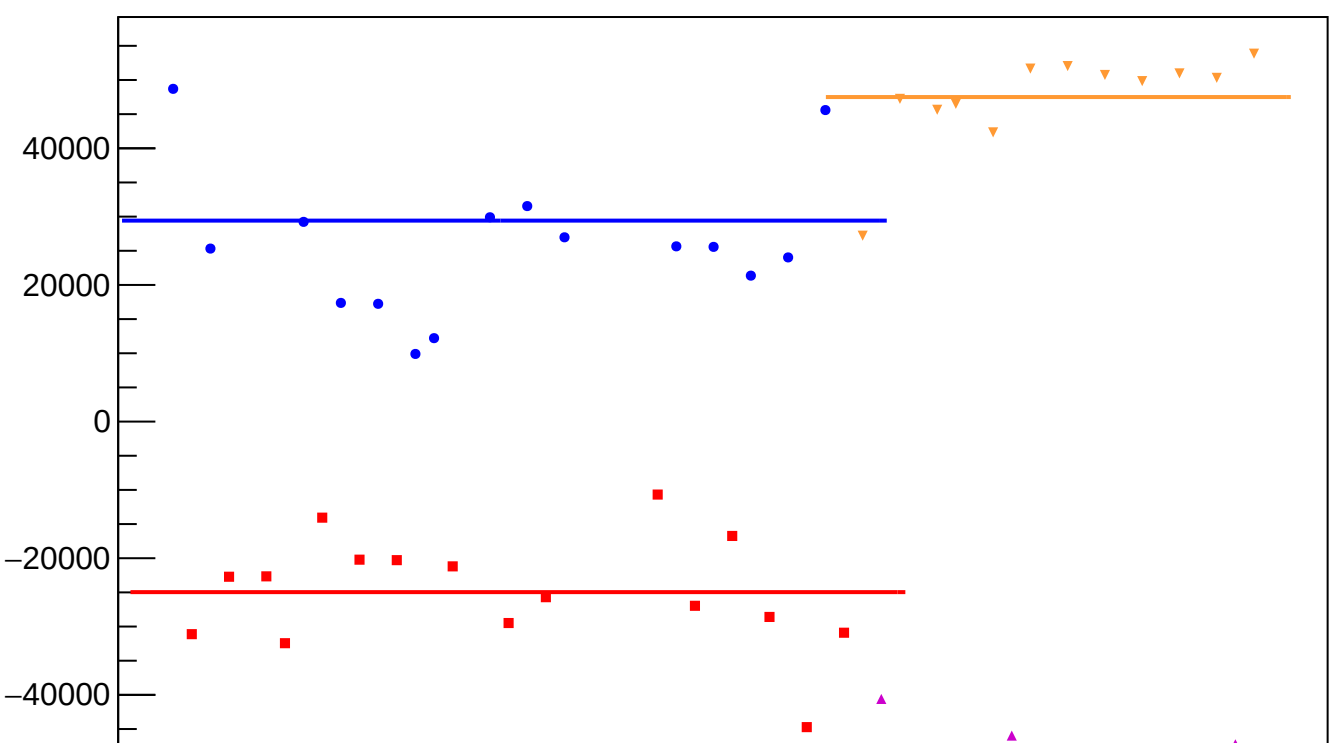
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl2_coil1_mean vs Slug, Sign Corrected



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Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47501.916+/-0.000 χ^2/NDF:435917153349338016455651998367617667563 52.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

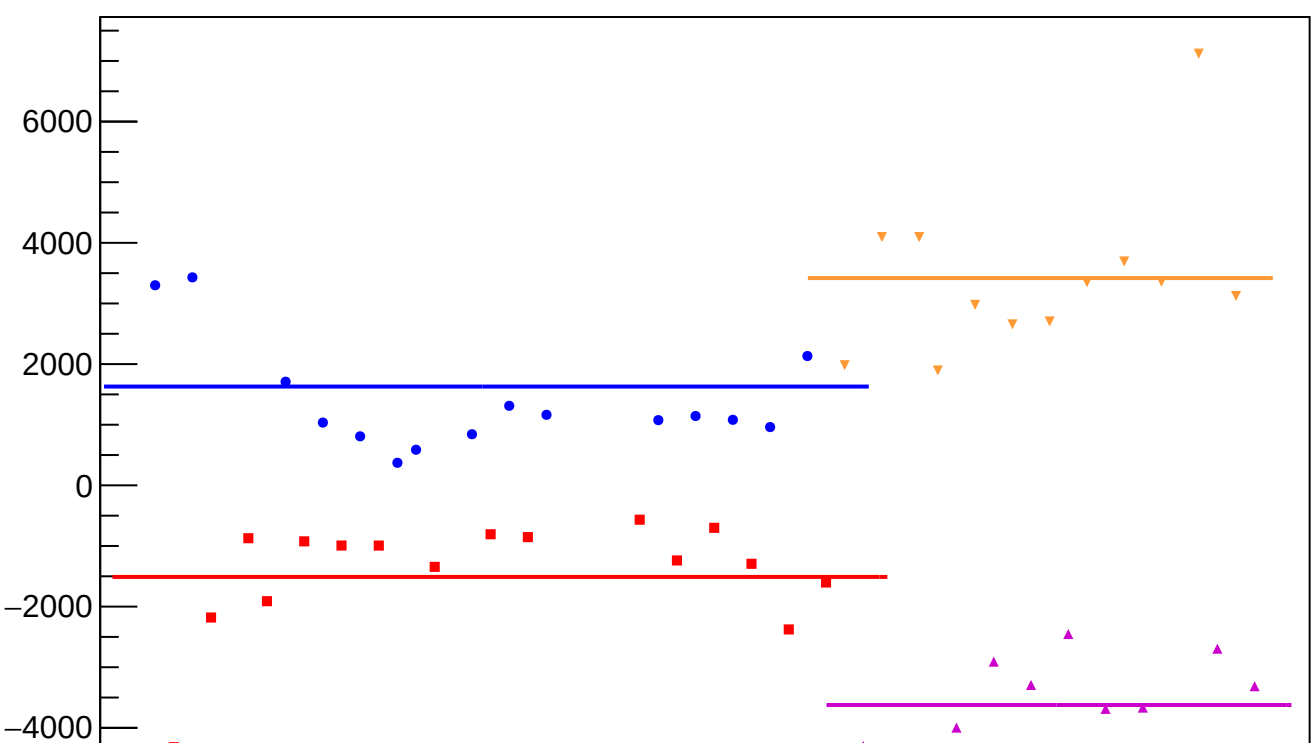
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561 4208.0/15

Out: 16930.059+/-0.000 χ^2/NDF:211408733919 29

Left In: -49982.063+/-0.000 χ^2/NDF:135058210193056038461211213447179702108 16.0/10

All: -103.402+/-0.000 χ^2/NDF: 5522398326 8

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191360/14

Left Out: 3418.927+/-0.000 χ^2/NDF:1575515144069936231955966928879934767104.0/11

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: -3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

Left: -121.241+/-0.000 χ^2/NDF: 248991886844976

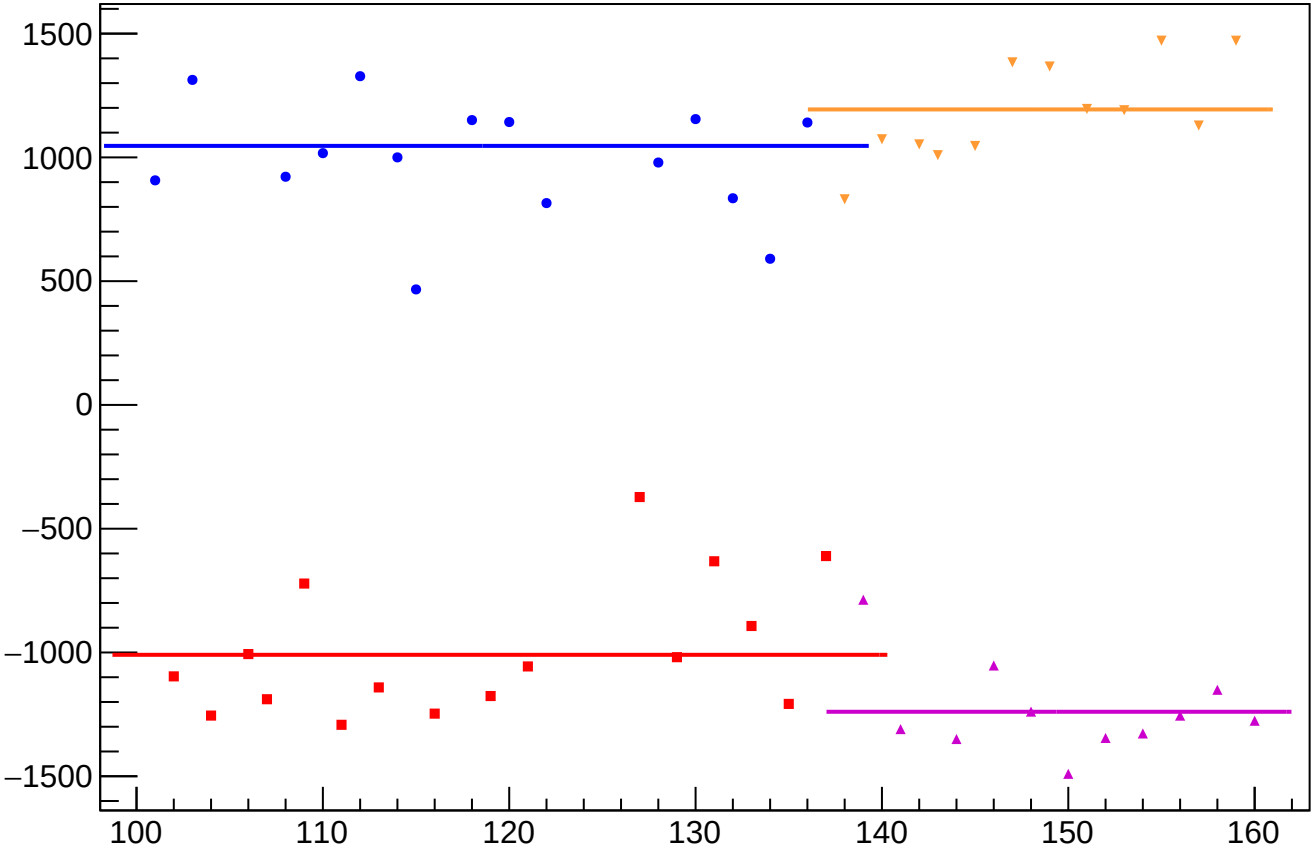
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1339.363+/-0.000 χ^2/NDF:116328176360275

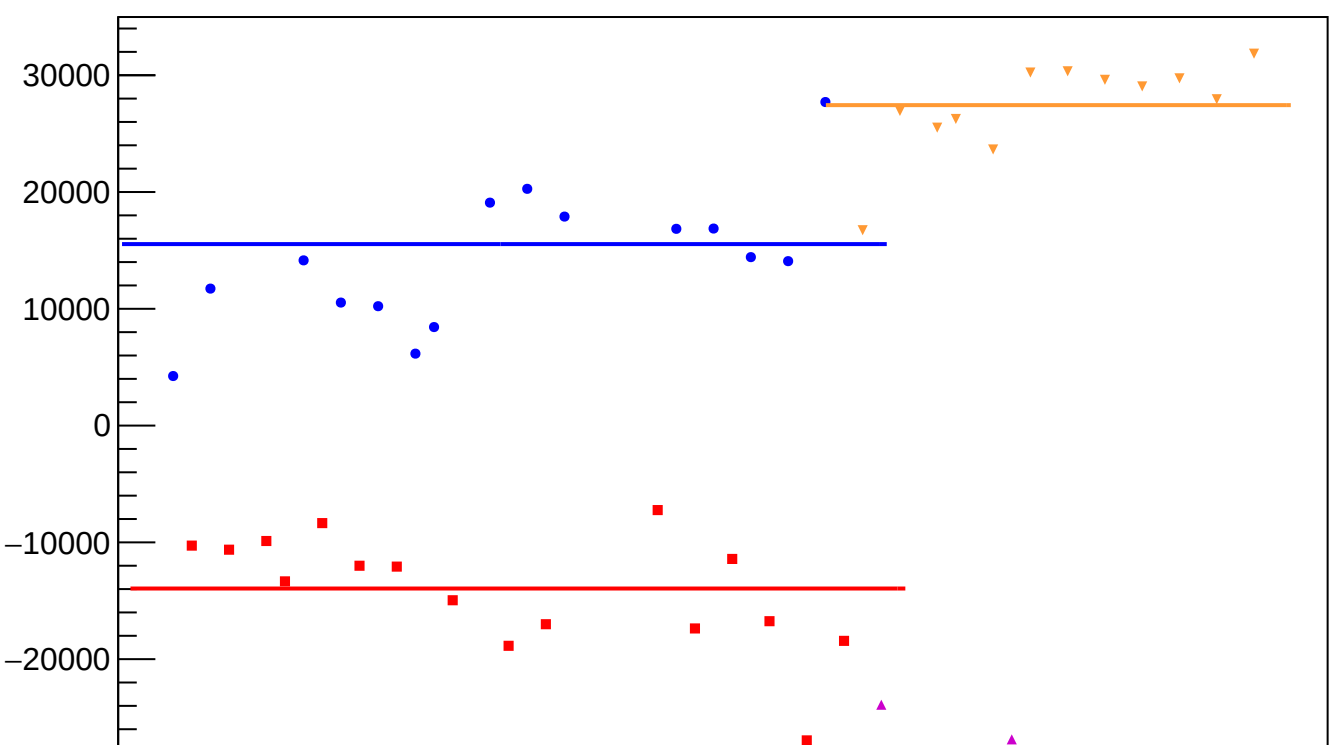
All: -54.735+/-0.000 χ^2/NDF: 294015037802

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr1_coil1_mean vs Slug, Sign Corrected



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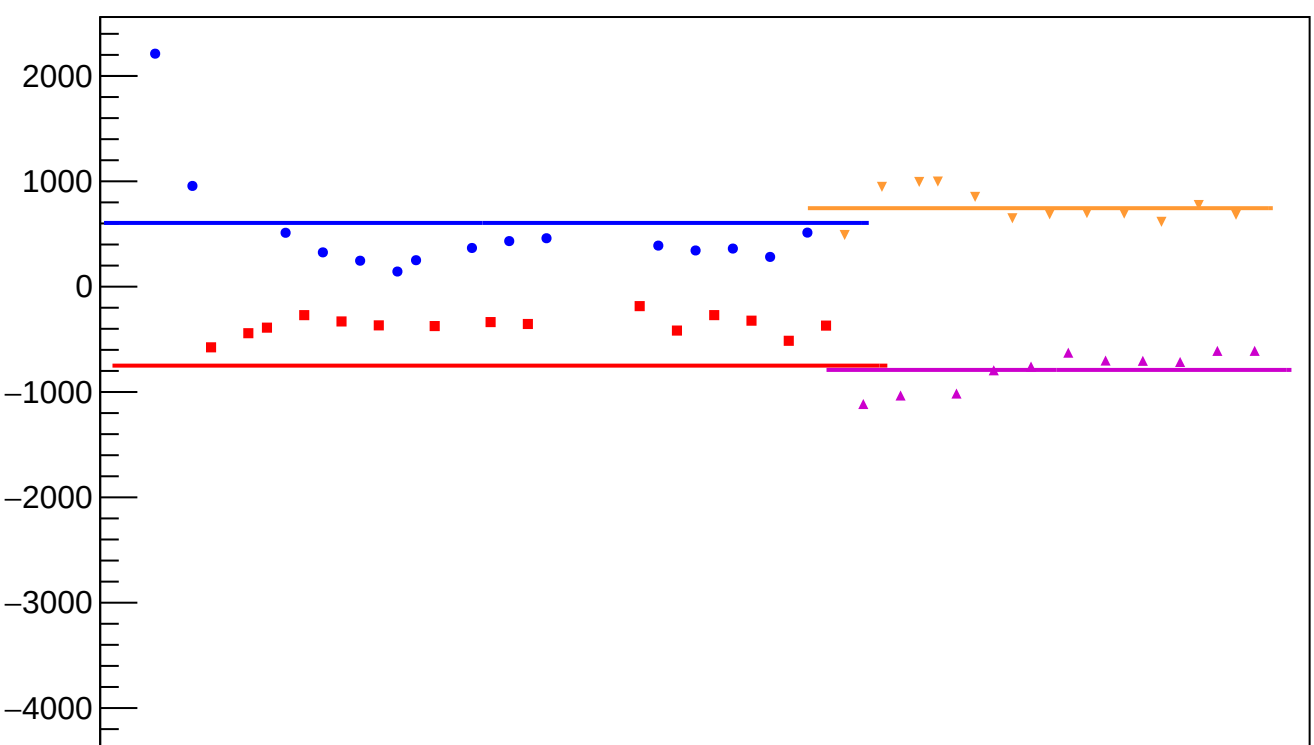
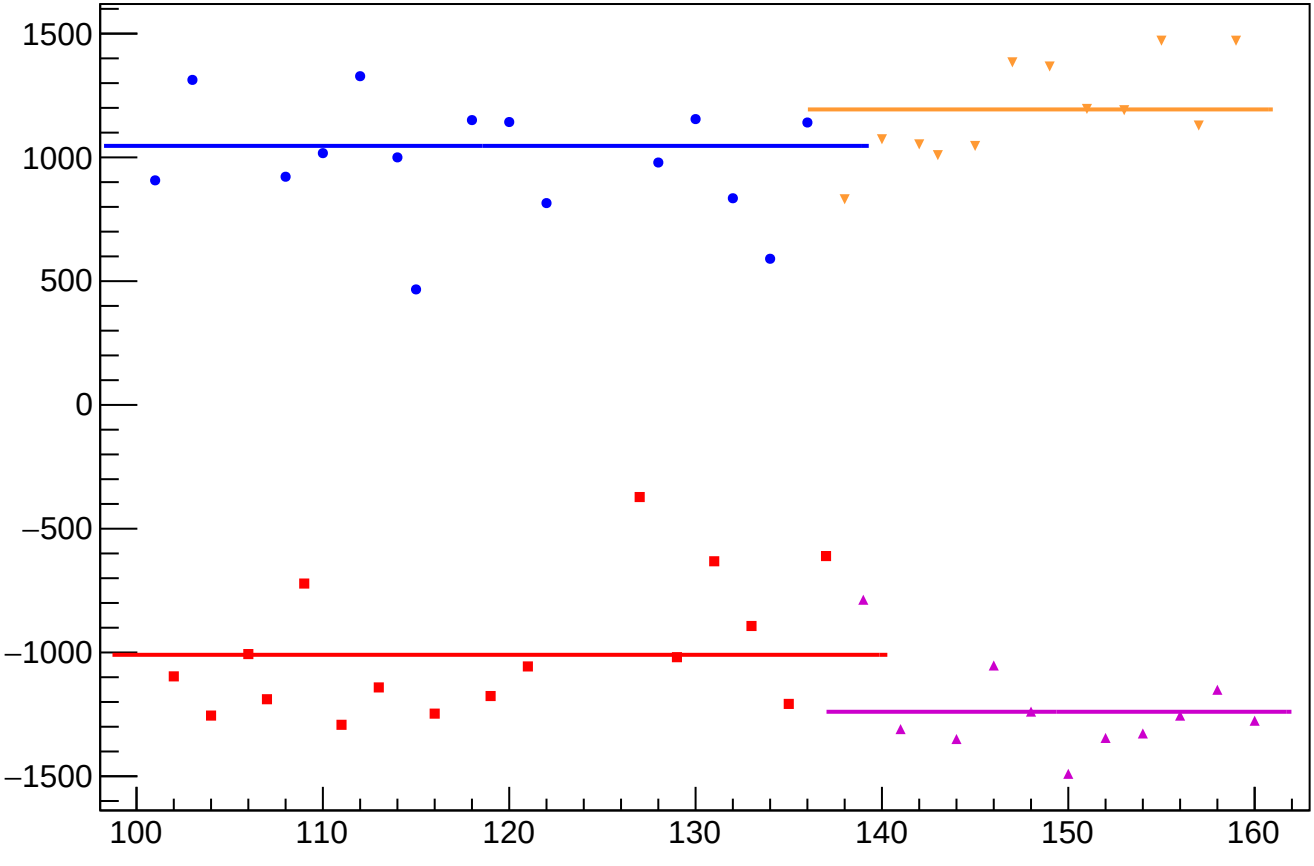
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9977.204+/-0.000 χ^2/NDF:691834785196318
Left In: -28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10
All: -262.152+/-0.000 χ^2/NDF: 18076481618

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



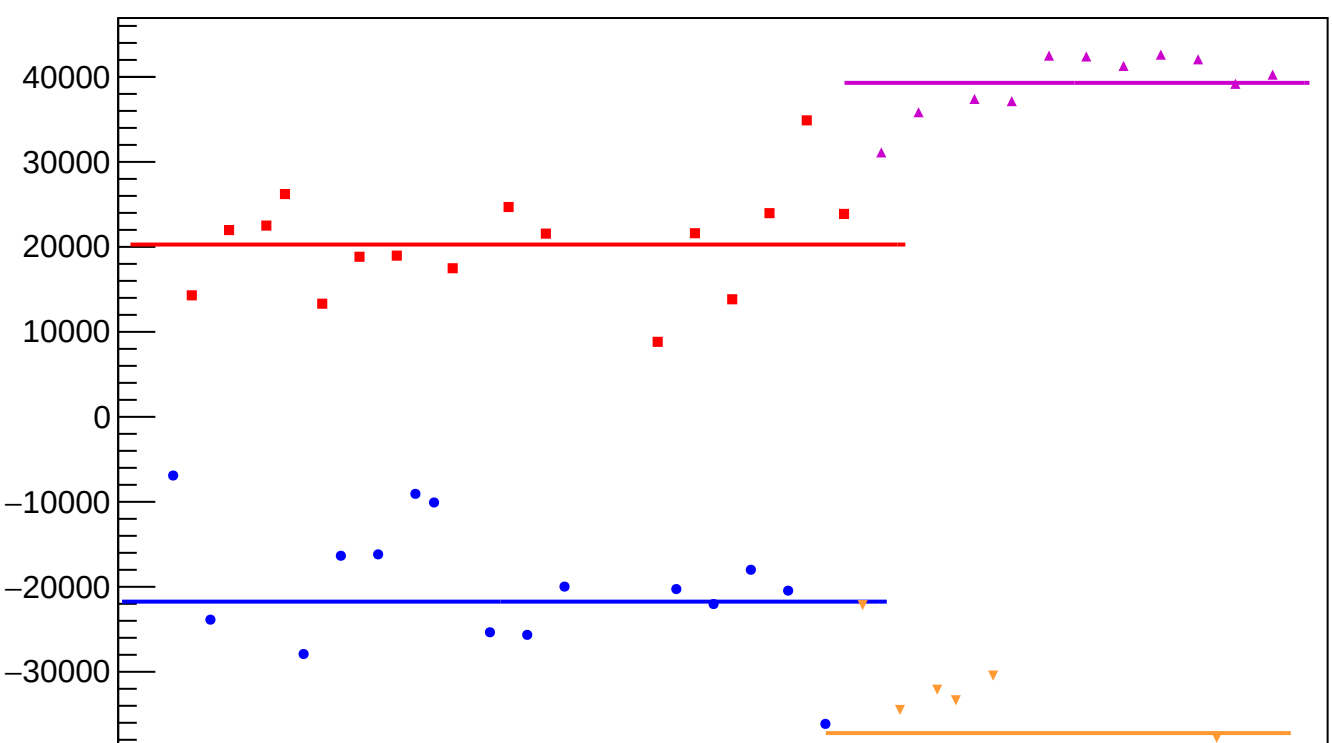
Left: -26.826+/-0.000 χ^2/NDF: 1129978912753072
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 744.985+/-0.000 χ^2/NDF:1957145398427896171993624787054444126 72.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 4
Right Out: -749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15
Out: 114.449+/-0.000 χ^2/NDF:190226279150661 6
Left In: -790.283+/-0.000 χ^2/NDF:2737599516301156010134916694943780044 8.0/10
All: -49.654+/-0.000 χ^2/NDF: 29466320745 7

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr2_coil1_mean vs Slug, Sign Corrected



Left: 1253.360+/-0.000 χ^2/NDF: 273699578436603
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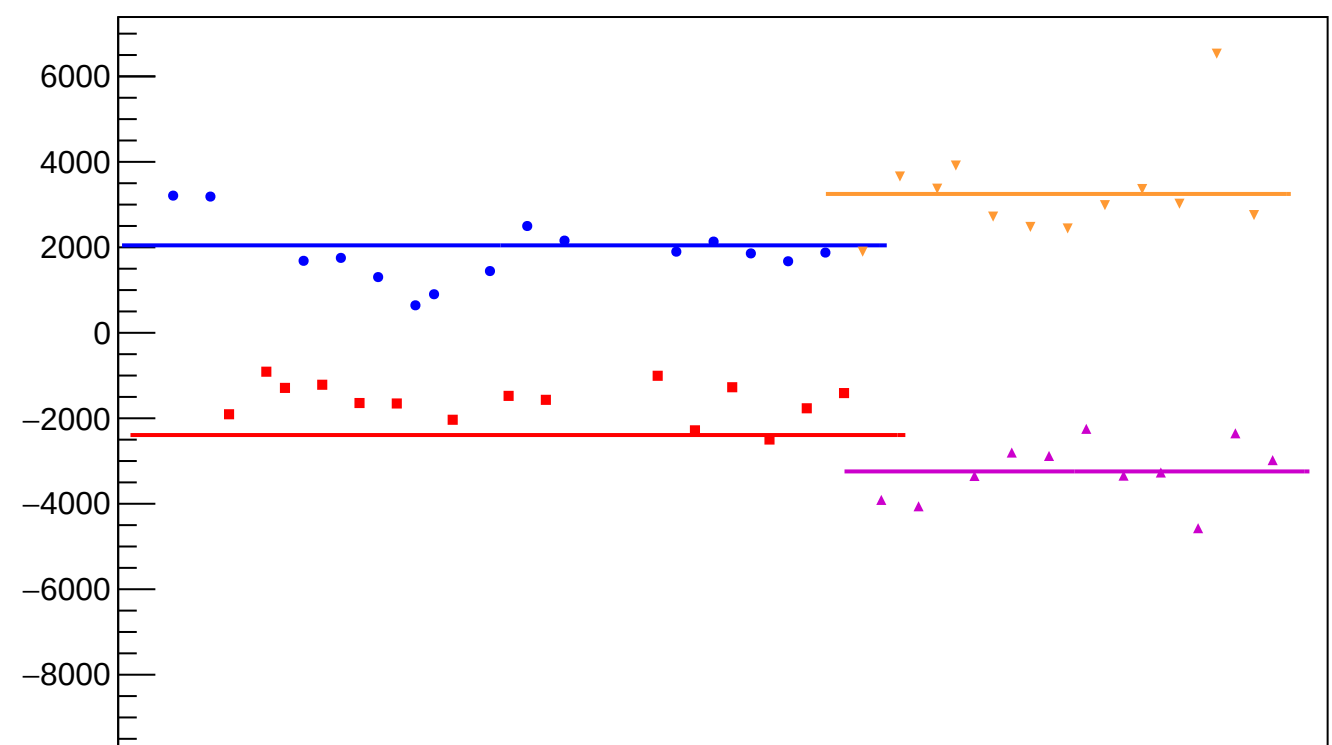
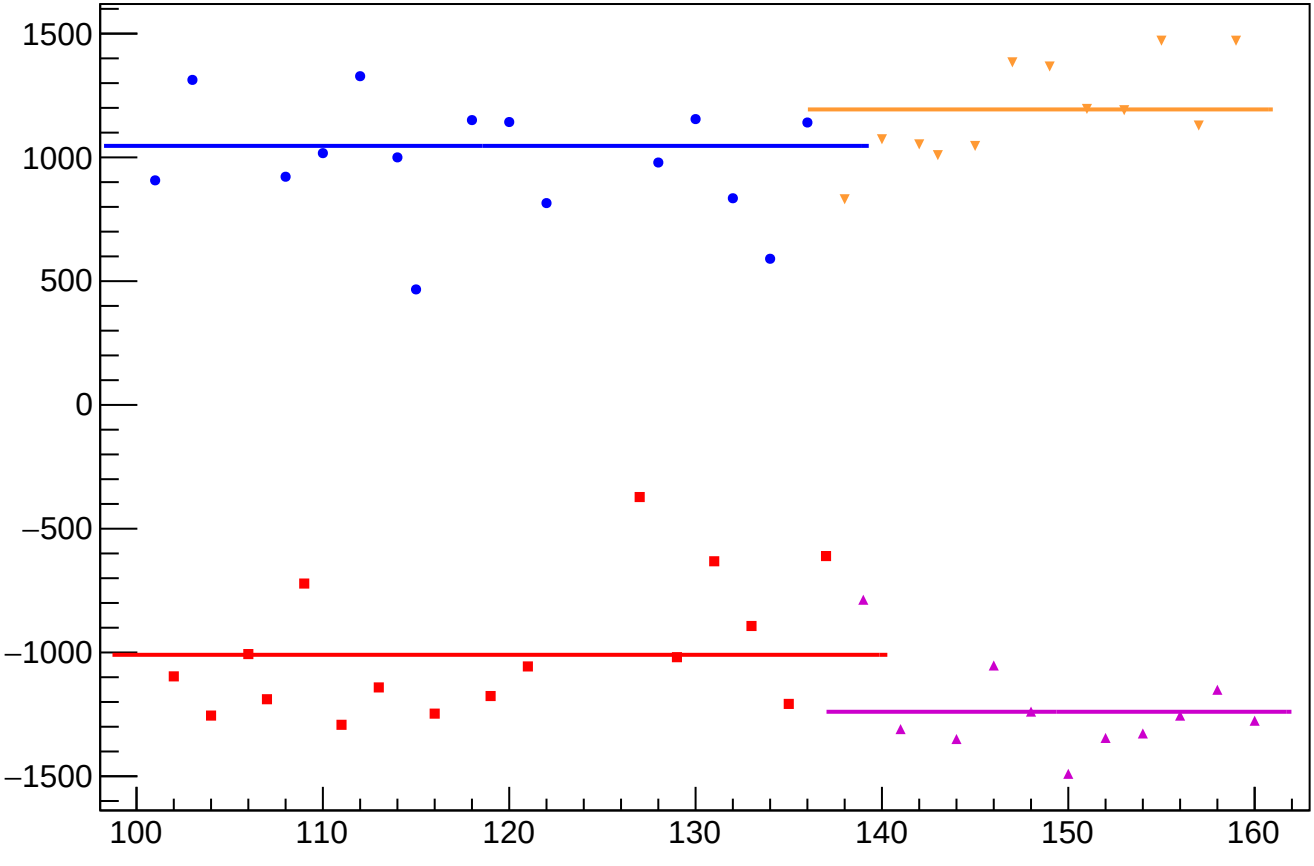
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
In: 14114.985+/-0.000 χ^2/NDF:147263048816292
Right Out: 20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
Out: -12958.212+/-0.000 χ^2/NDF:1336456927560
Left In: 39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10
All: 544.051+/-0.000 χ^2/NDF: 33870210816 3

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -14.745+/-0.000 χ^2/NDF: 2098375424202943
Right In: 2046.354+/-0.000 χ^2/NDF: 2665555159273488920368330583552263454 72.0/14
Right: -203.146+/-0.000 χ^2/NDF: 11161426338405
Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11
In: -1060.961+/-0.000 χ^2/NDF:113570353346731
Right Out: -2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15
Out: 869.355+/-0.000 χ^2/NDF:1787734182120147
Left In: -3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10
All: -93.355+/-0.000 χ^2/NDF: 321724014891

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

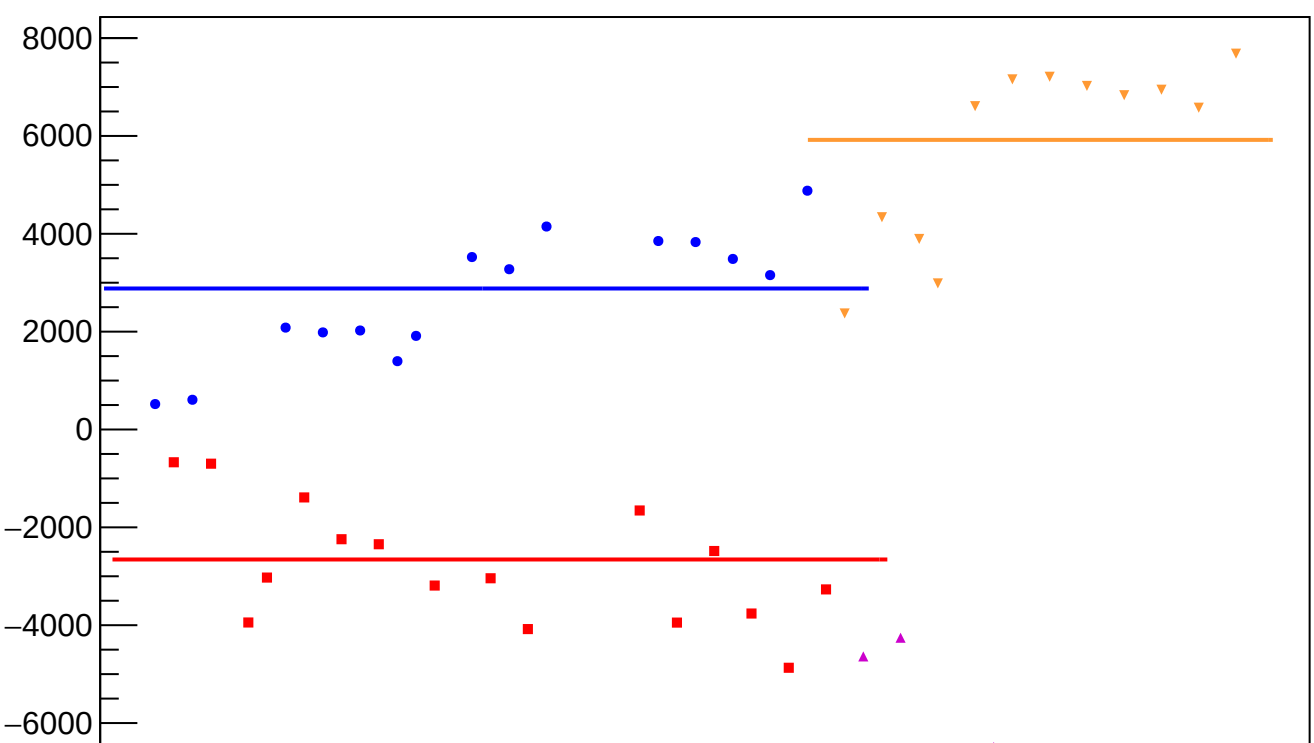
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

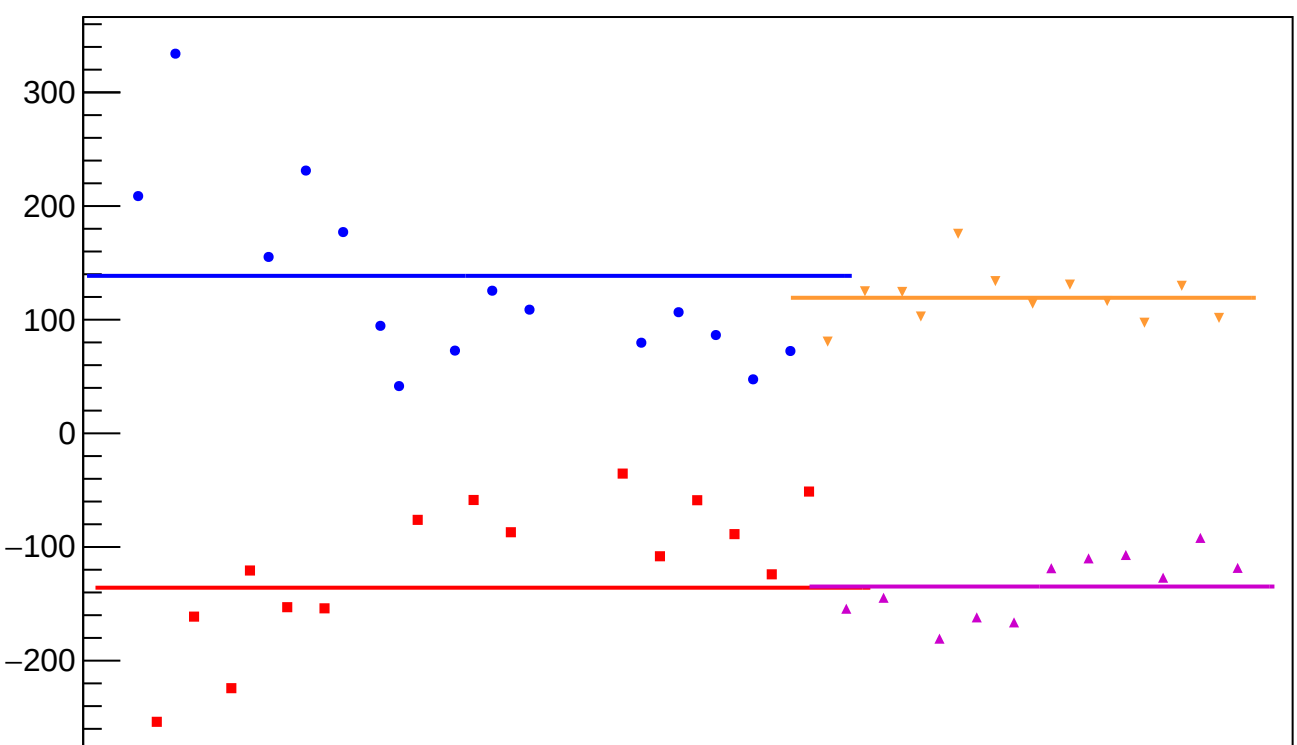
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -338.449+/-0.000 χ^2/NDF: 749205499962240
Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14
Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623
Left Out: 5919.511+/-0.000 χ^2/NDF:27790727000248458270279812401769857679 36.0/11
In: -2645.979+/-0.000 χ^2/NDF:360226231142325
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15
Out: 2301.245+/-0.000 χ^2/NDF:32219834427088 1
Left In: -6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10
All: -166.093+/-0.000 χ^2/NDF: 8754089406 5

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -8.443+/-0.000 χ^2/NDF: 30837594704815501

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

In: -21.999+/-0.000 χ^2/NDF:3342043565586624 5

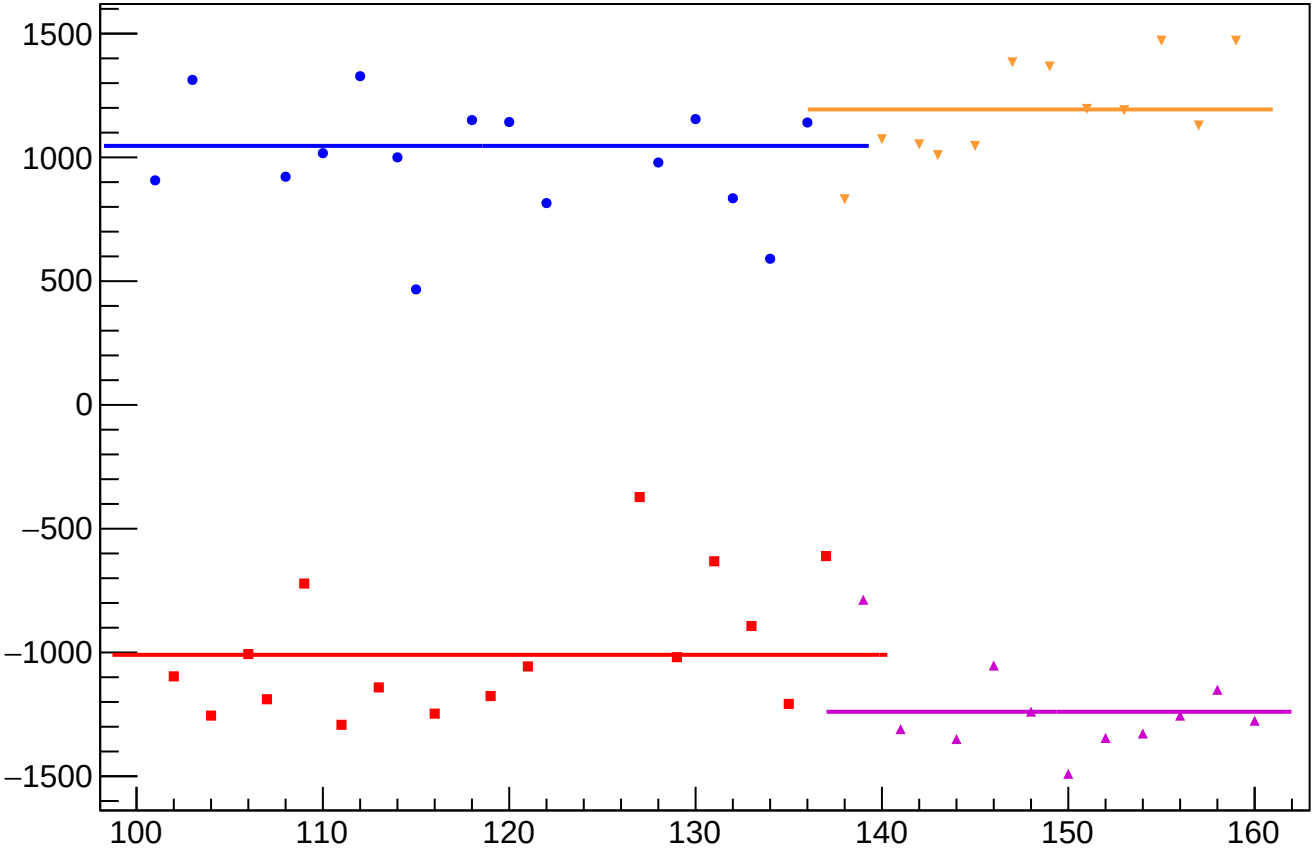
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.663+/-0.000 χ^2/NDF:2953589609078656 4

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

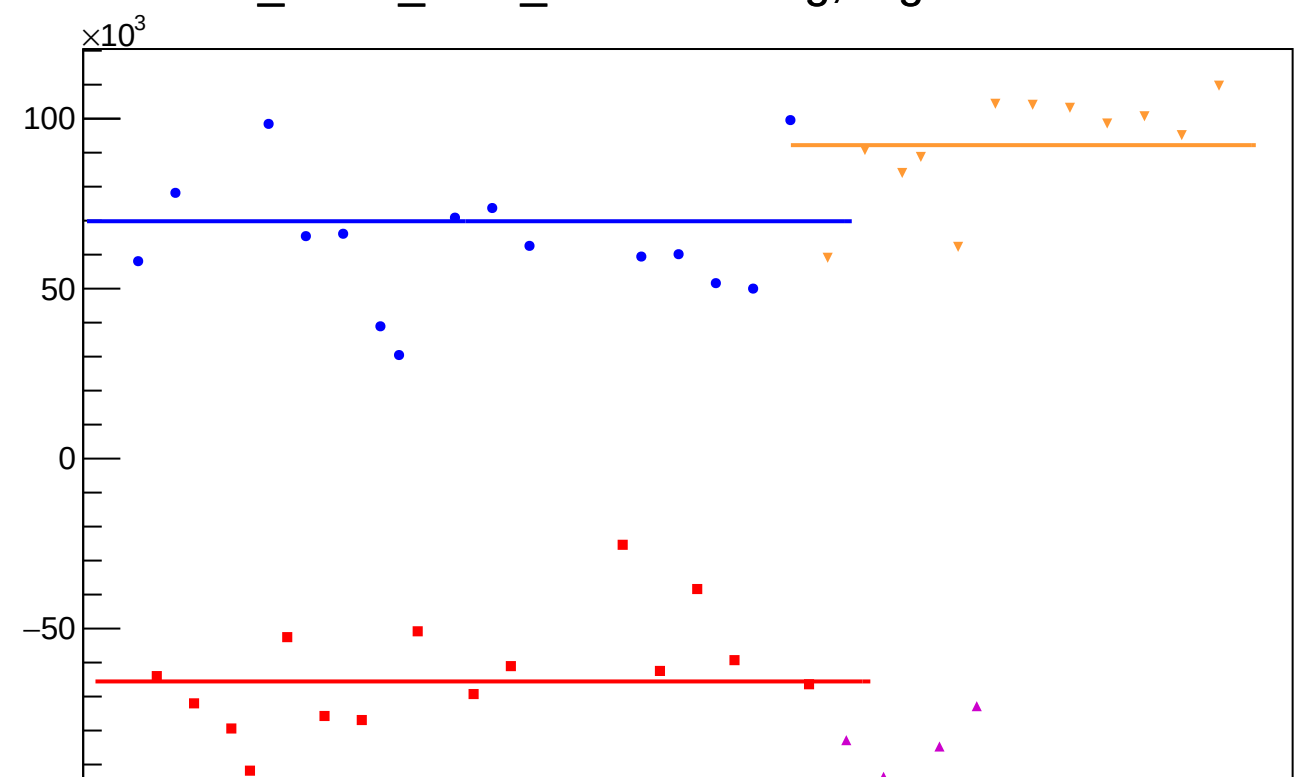
All: -5.125+/-0.000 χ^2/NDF: 6384982584601

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -2280.673+/-0.000 χ^2/NDF: 16562150487200

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 92210.698+/-0.000 χ^2/NDF:22657747665780758520208376768536028957900 8.0/11

In: -27434.339+/-0.000 χ^2/NDF:10741931116501

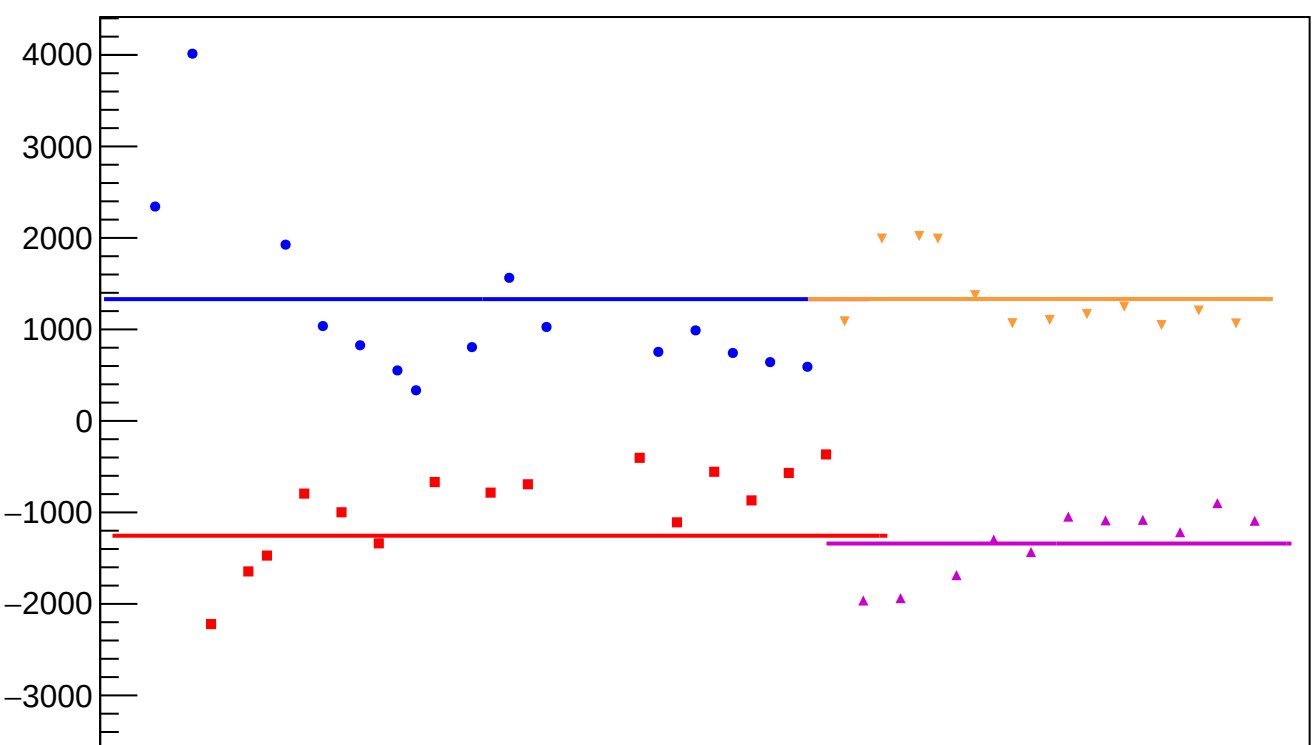
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25651.673+/-0.000 χ^2/NDF:10036256154988

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

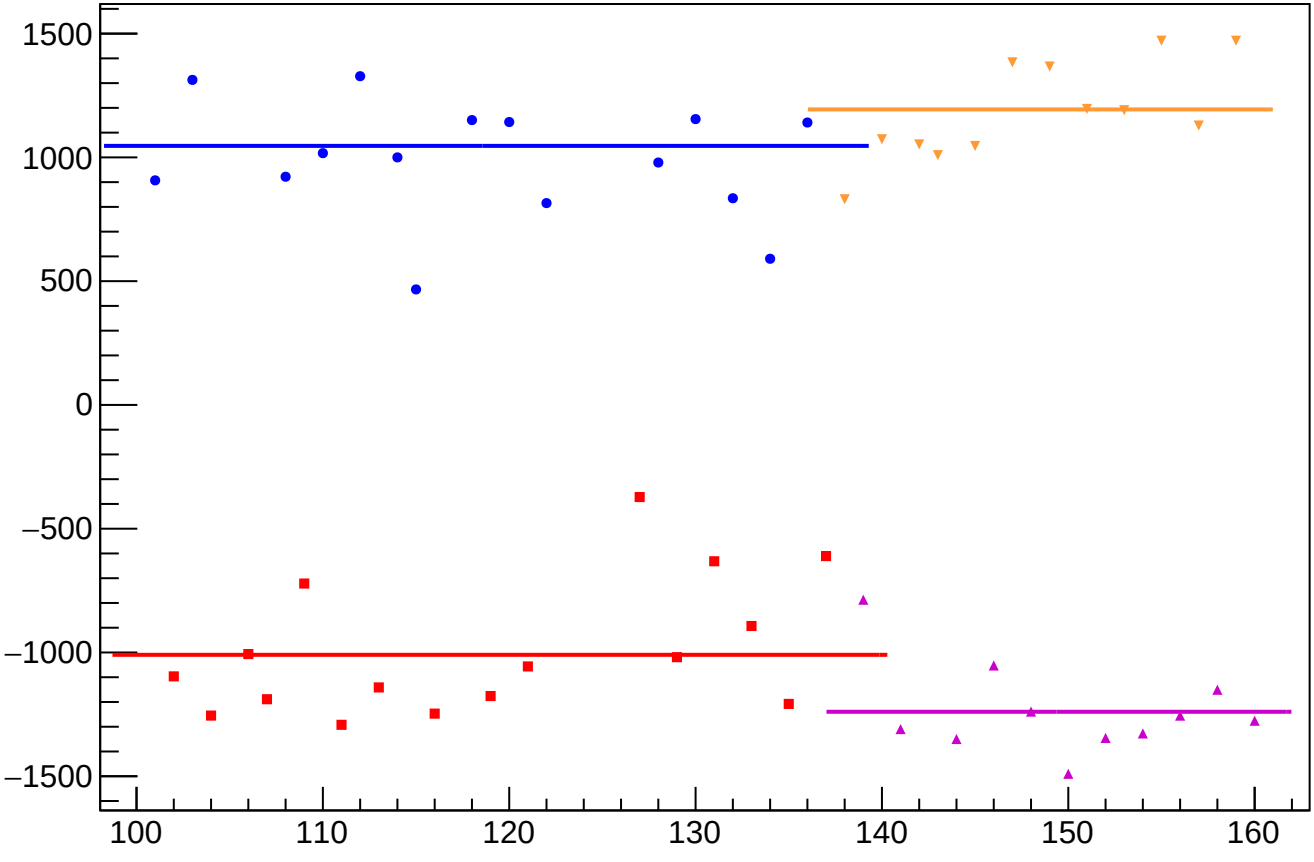
All: -824.008+/-0.000 χ^2/NDF: 23000264296

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



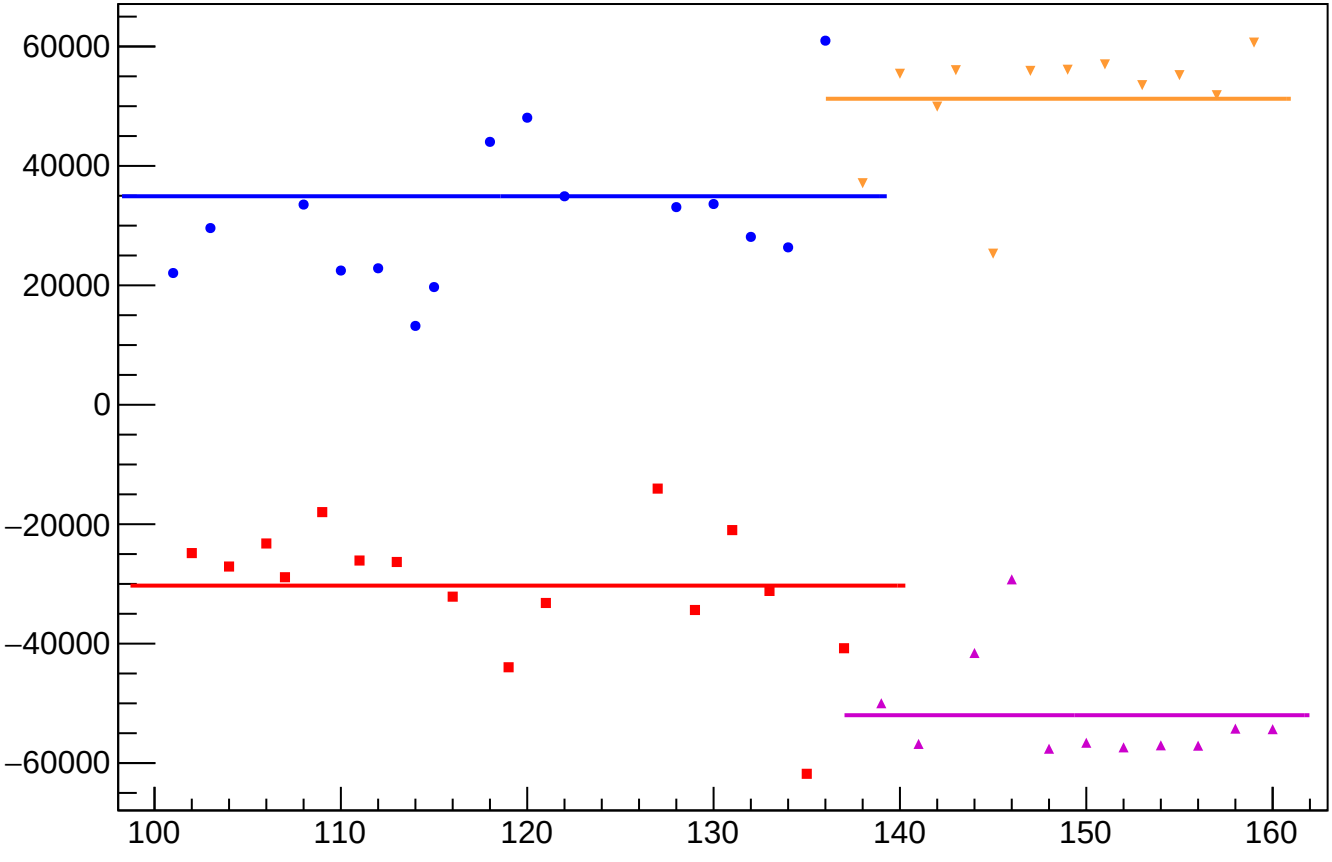
Left: -11.029+/-0.000 χ^2/NDF: 3514334276820303
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: 241.025+/-0.000 χ^2/NDF:3331380531893128
Left In: -1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777093 12.0/10
All: 2.067+/-0.000 χ^2/NDF: 6996159053055

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: -650.230+/-0.000 χ^2/NDF: 505001138848268

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

In: -16129.428+/-0.000 χ^2/NDF:30528033173327

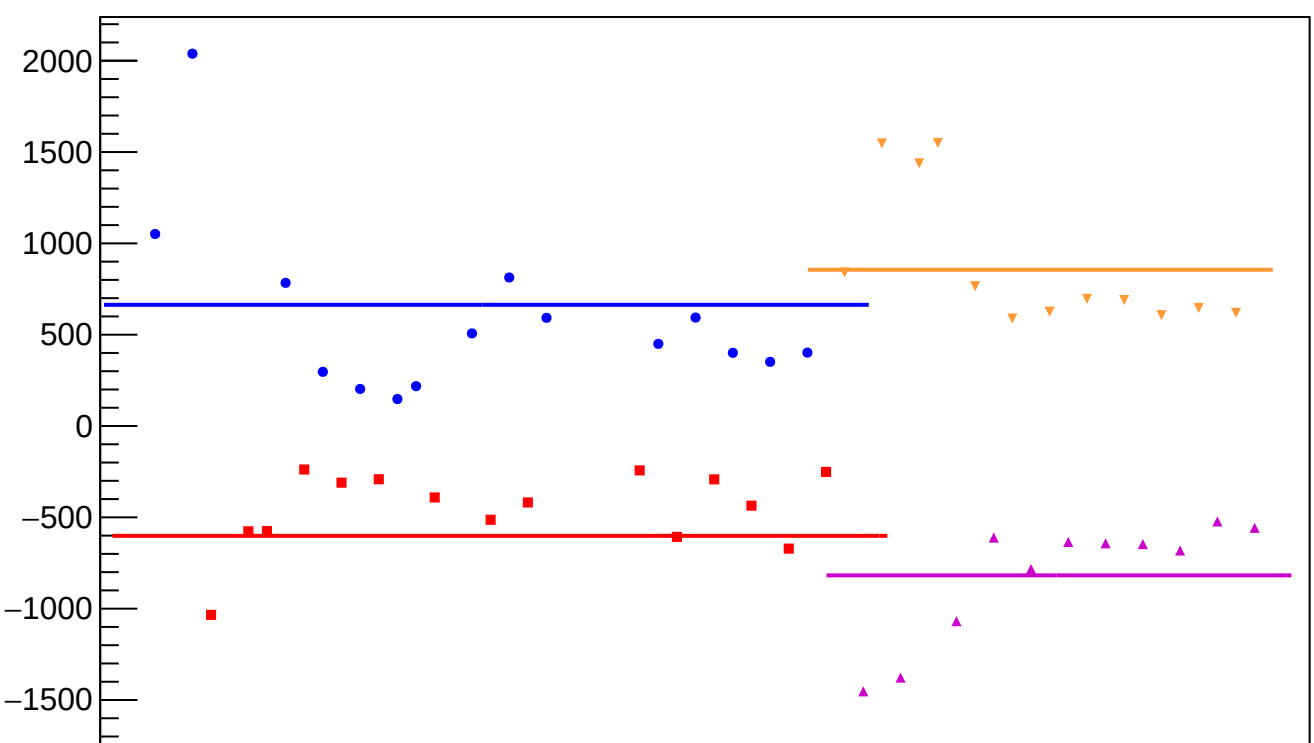
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 16850.740+/-0.000 χ^2/NDF:2737604183227 1

Left In: -51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

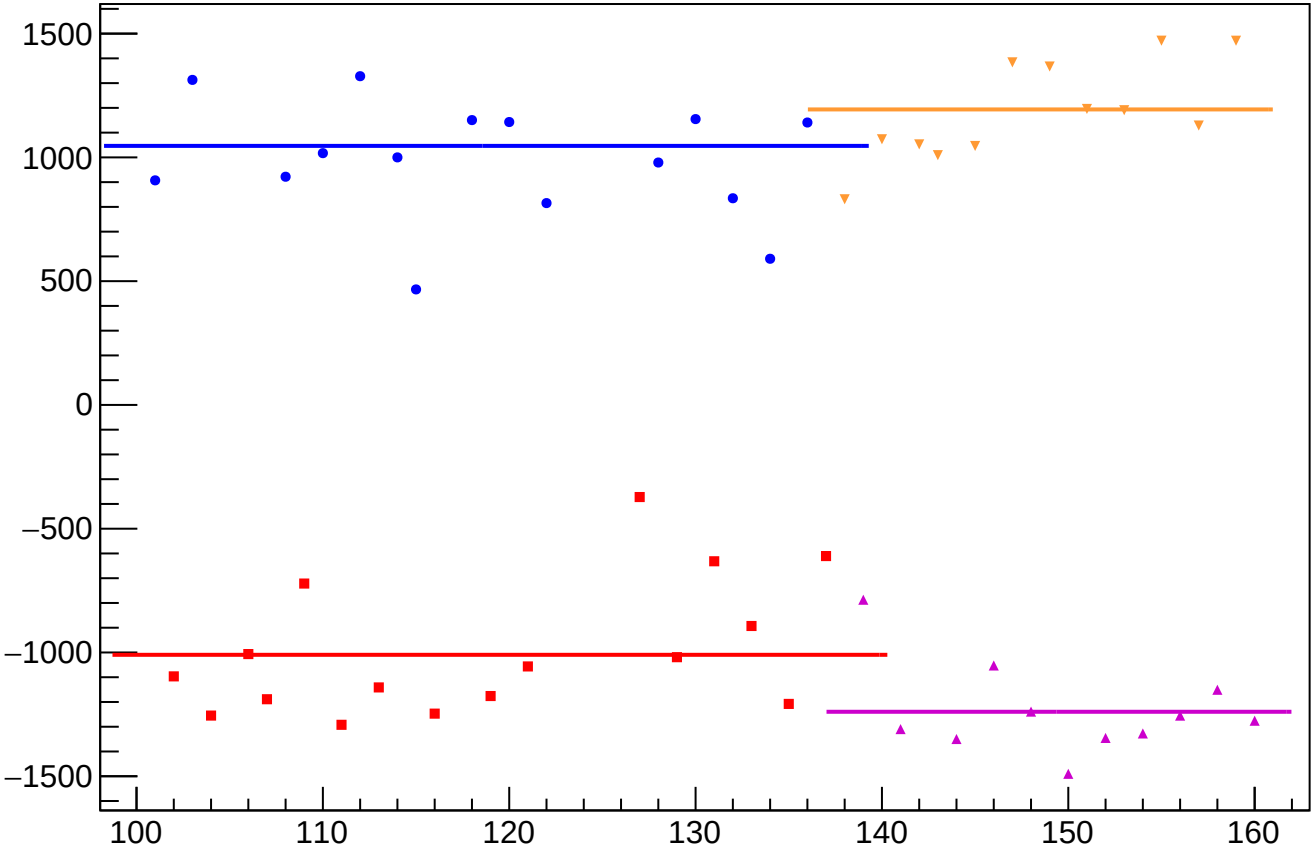
All: 402.483+/-0.000 χ^2/NDF: 66480467409 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



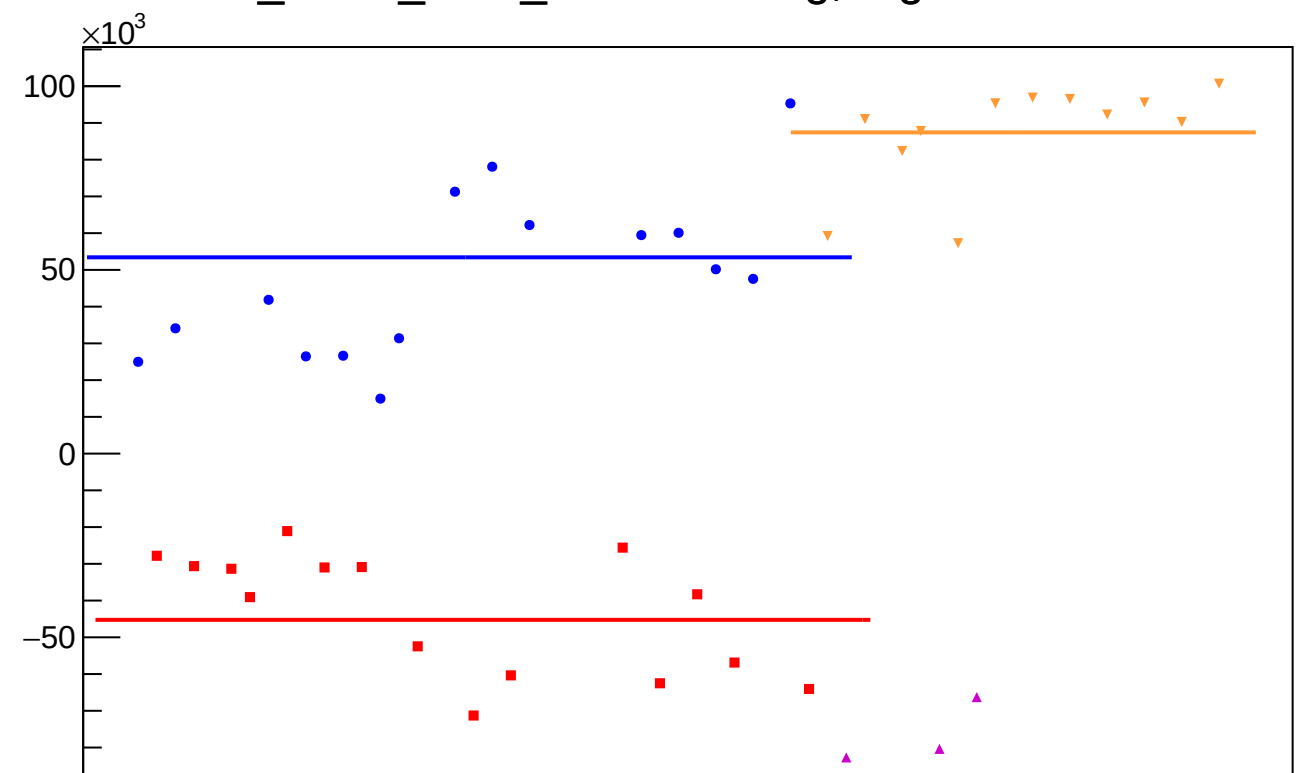
Left: 14.433+/-0.000 χ^2/NDF: 1491830780221848
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
In: -206.520+/-0.000 χ^2/NDF:1084558135298016
Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
Out: 241.007+/-0.000 χ^2/NDF:1083013180112686
Left In: -817.657+/-0.000 χ^2/NDF:9042954872371566332680529907681119436 8.0/10
All: 17.811+/-0.000 χ^2/NDF: 2325491183866

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -2060.108+/-0.000 χ^2/NDF: 14824251298743

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777346551808.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 87421.965+/-0.000 χ^2/NDF:17600944793397317229876580826958074332160.0/11

In: -31162.736+/-0.000 χ^2/NDF:83559951874998

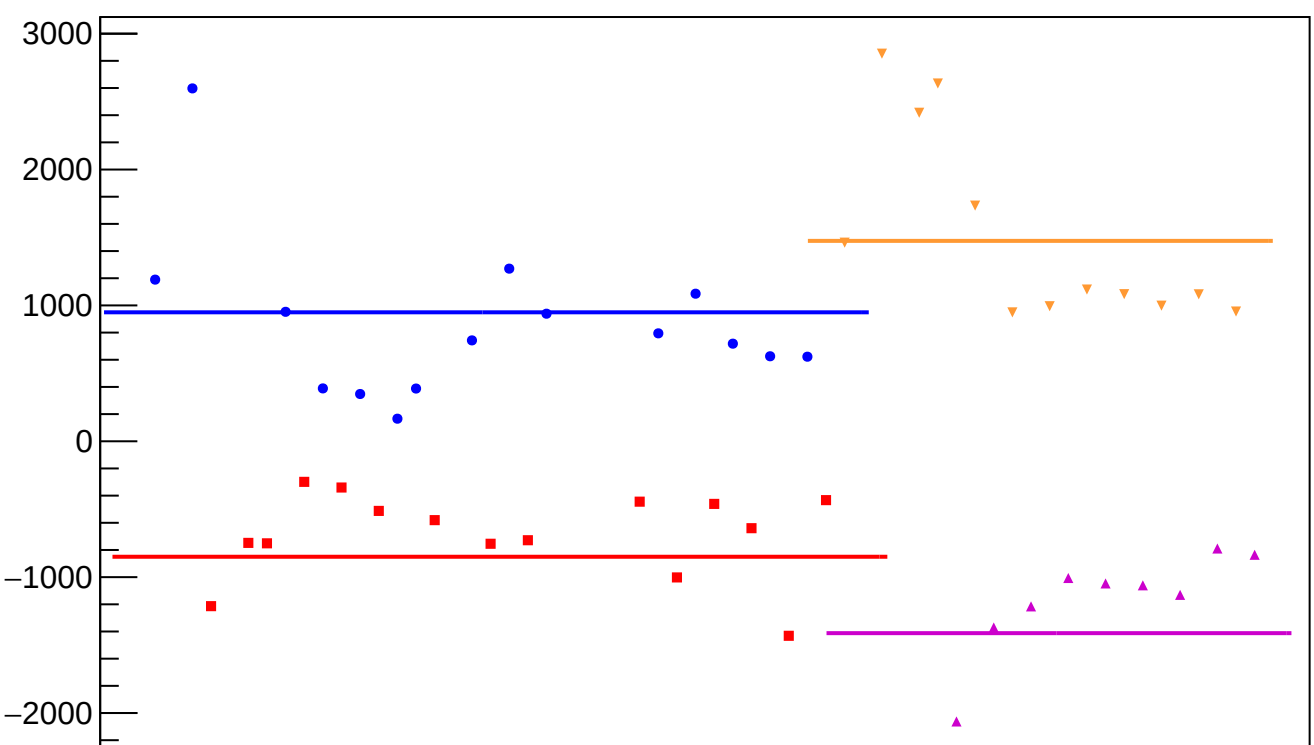
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405547928576.0/15

Out: 31450.674+/-0.000 χ^2/NDF:72491482538819

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

All: 223.377+/-0.000 χ^2/NDF: 186963897471

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Left: 23.551+/-0.000 χ^2/NDF: 4570501357423236

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

In: -437.909+/-0.000 χ^2/NDF:2684013086565036

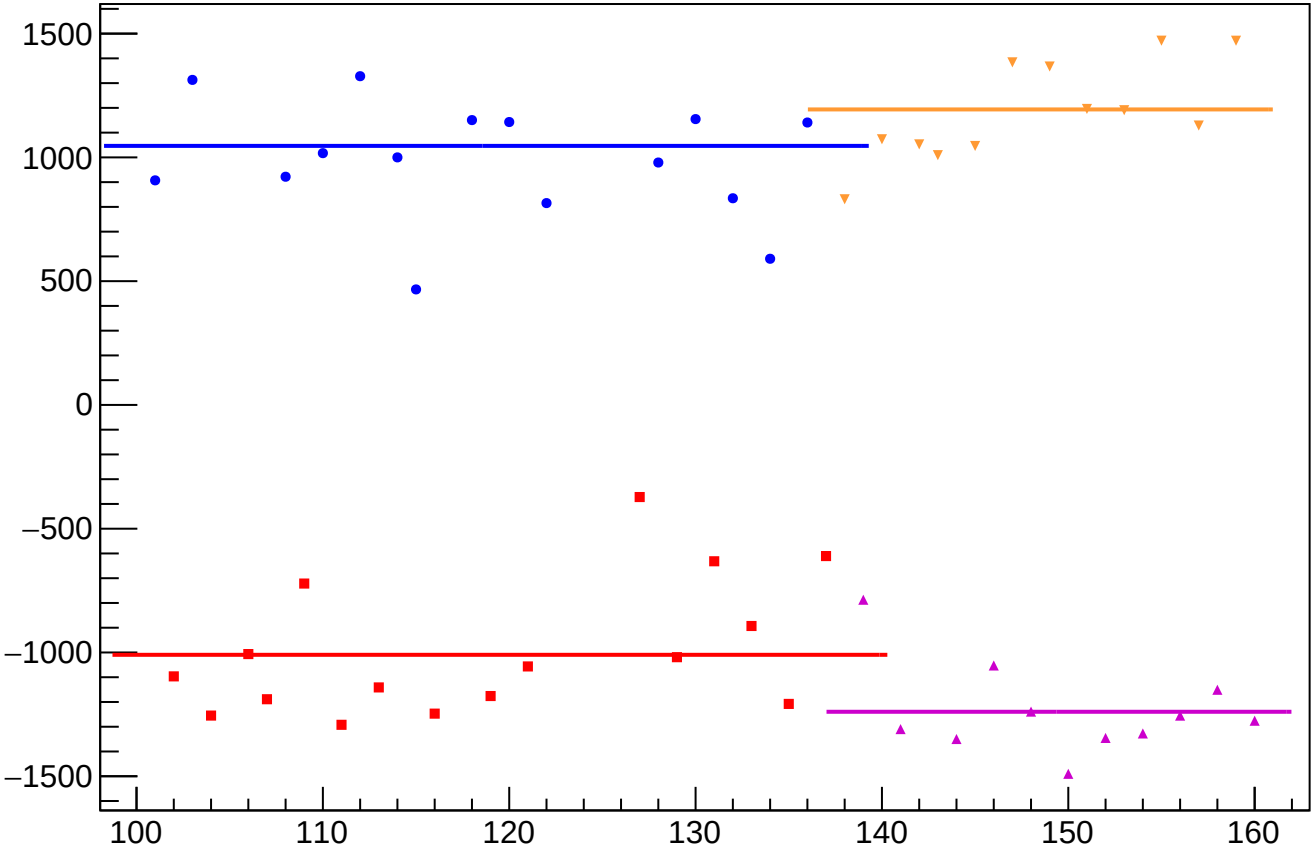
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 494.188+/-0.000 χ^2/NDF:2696503915470133

Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

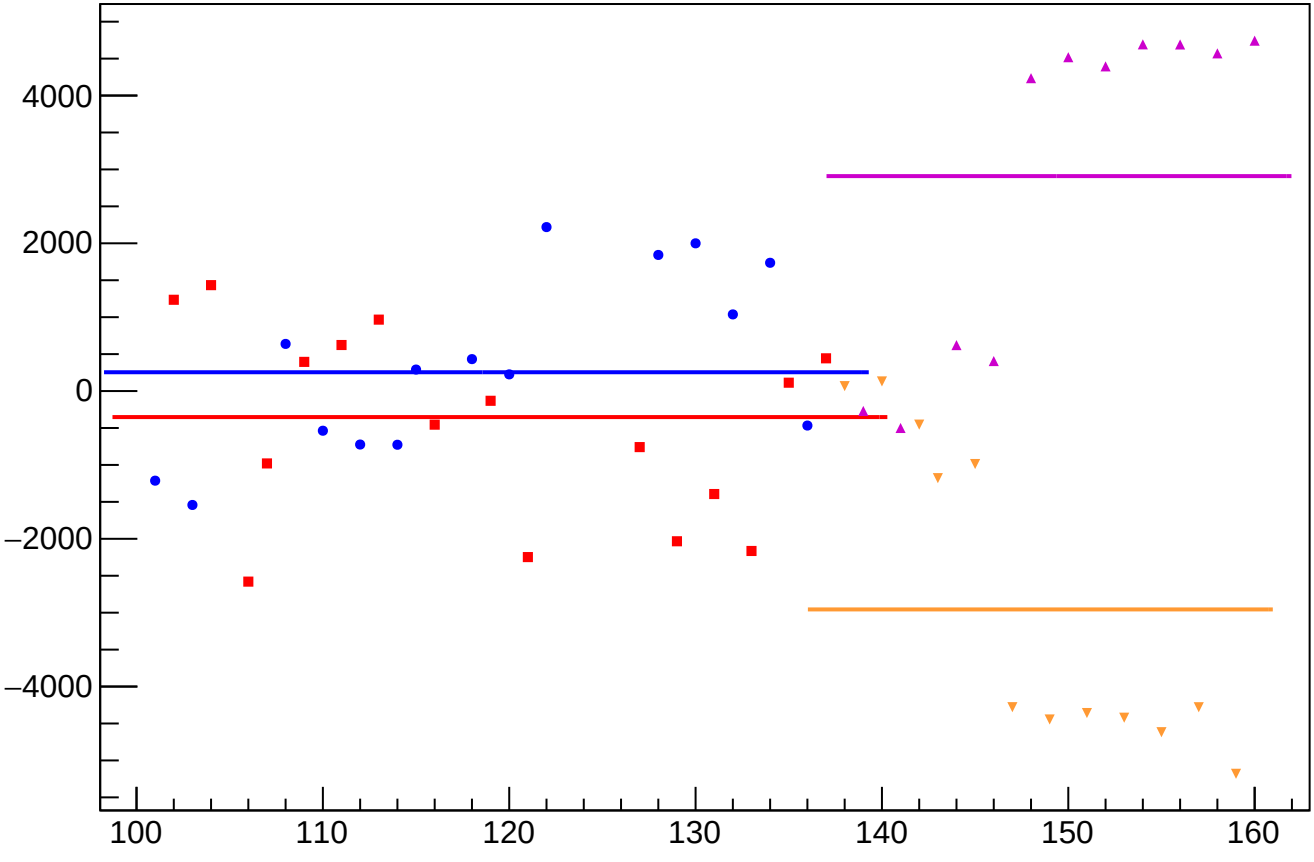
All: 29.322+/-0.000 χ^2/NDF: 6065565997163

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -7.270+/-0.000 χ^2/NDF: 23893577266149002

Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14

Right: -53.015+/-0.000 χ^2/NDF: 220036732540735

Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11

In: 1814.139+/-0.000 χ^2/NDF:804296313002970

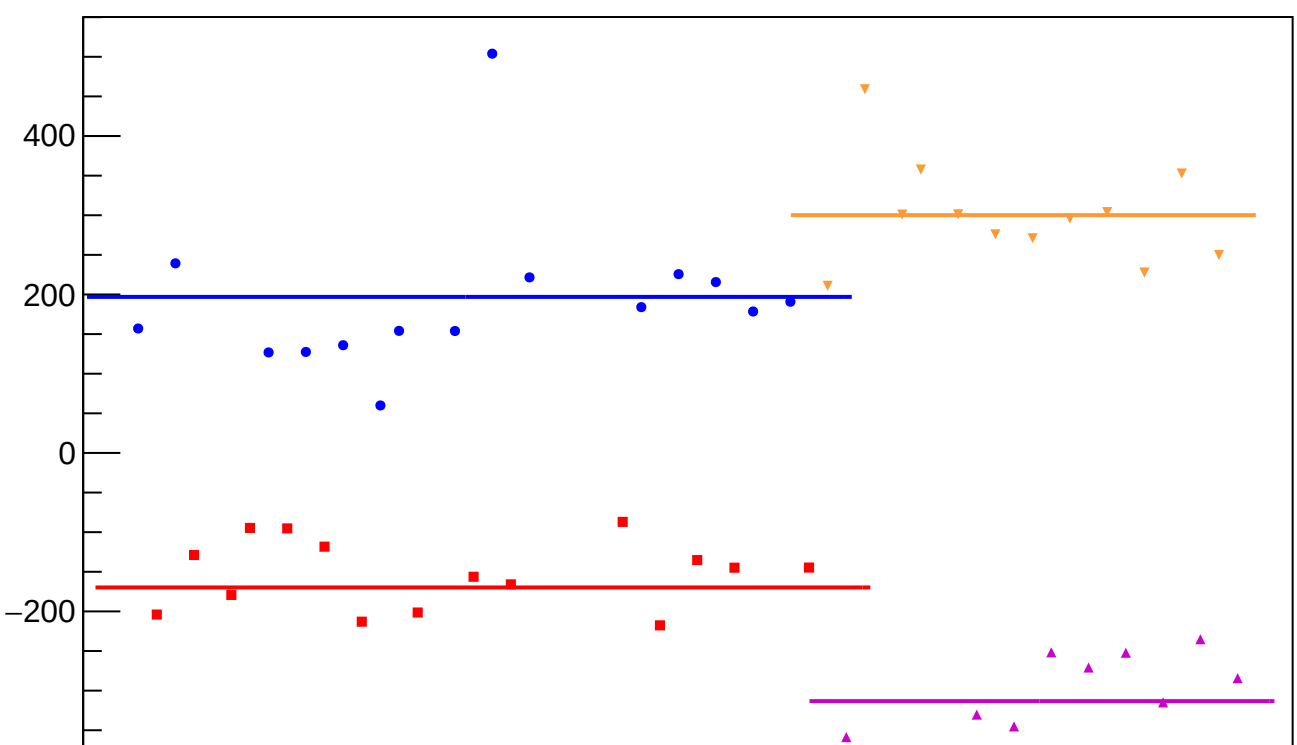
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

Out: -1857.540+/-0.000 χ^2/NDF:74227087248686

Left In: 2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

All: -26.357+/-0.000 χ^2/NDF: 260955494544

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Left: -8.206+/-0.000 χ^2/NDF: 17982757813530948

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

Left Out: 300.154+/-0.000 χ^2/NDF:3873021428685352941137053448690204672.0/11

In: -102.733+/-0.000 χ^2/NDF:1067935716569052

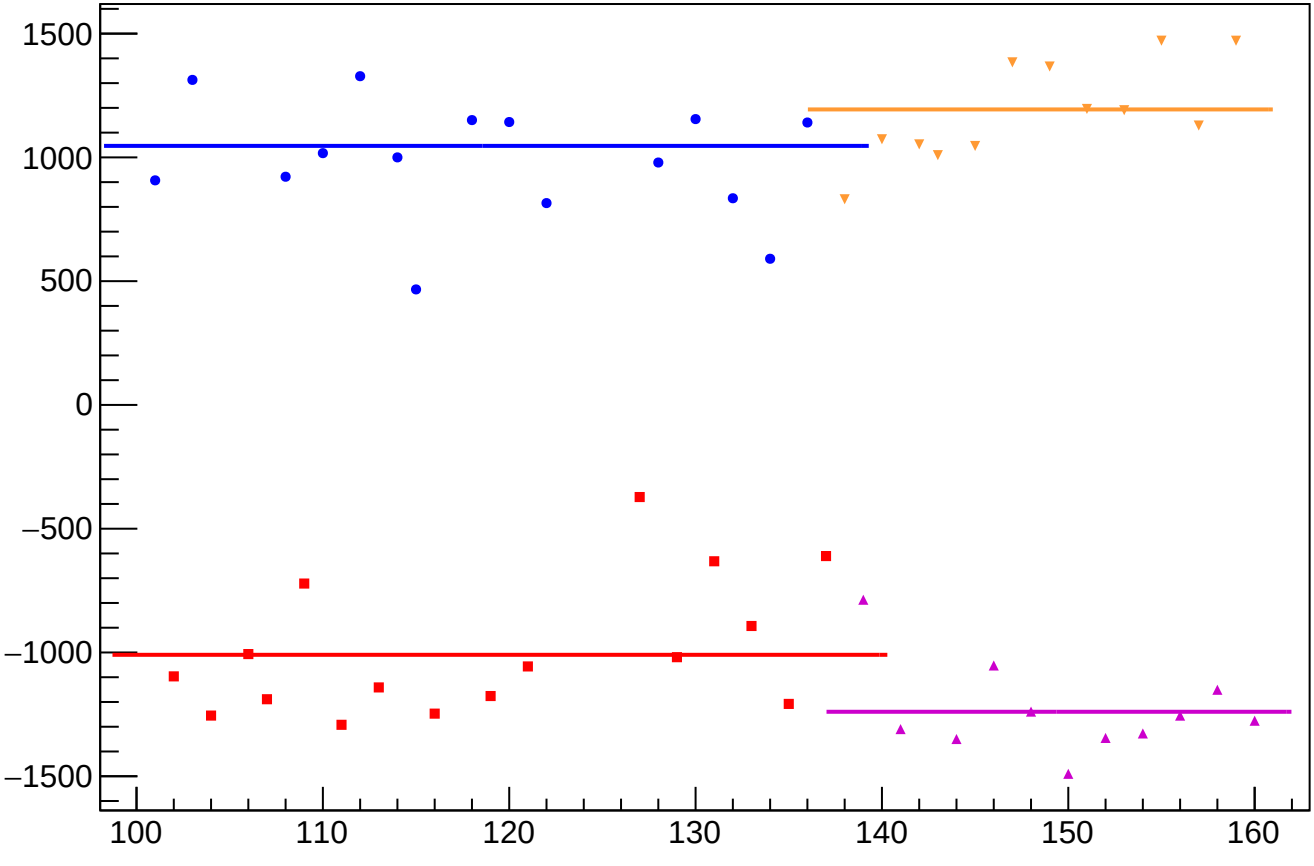
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 101.896+/-0.000 χ^2/NDF:929205168991504

Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10

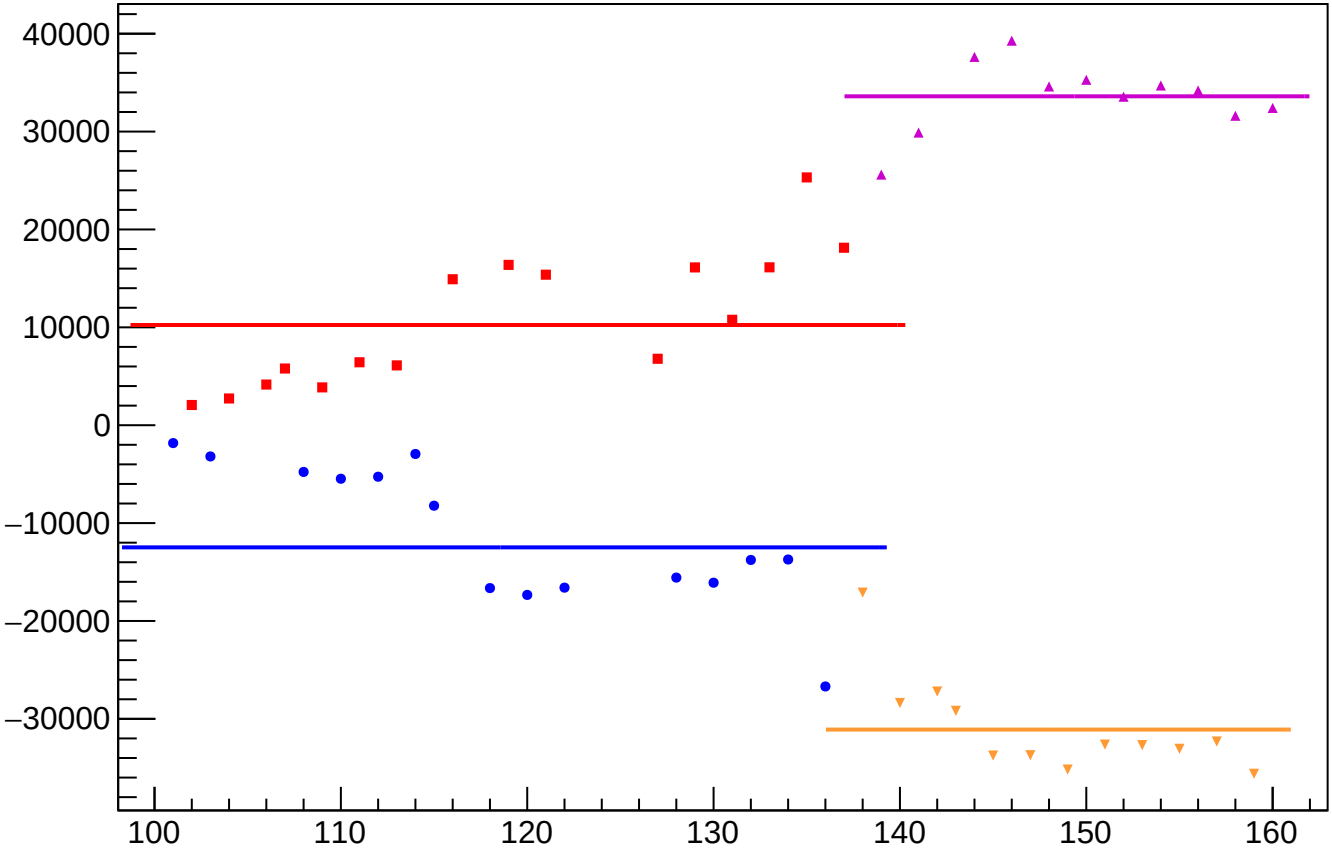
All: -0.159+/-0.000 χ^2/NDF: 2327307530740

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 1429.385+/-0.000 χ^2/NDF: 19565583595098

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

In: 14589.951+/-0.000 χ^2/NDF:86214672145906

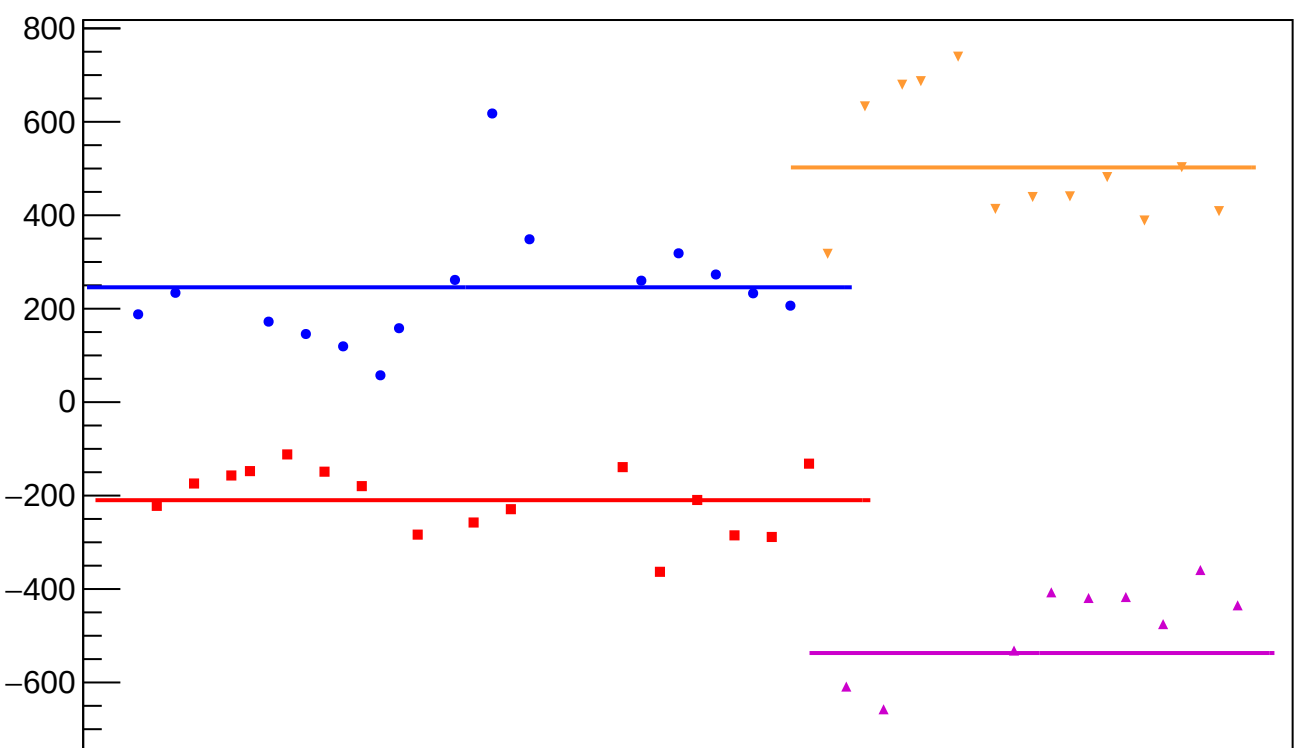
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -13657.980+/-0.000 χ^2/NDF:7118042053110

Left In: 33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

All: 430.161+/-0.000 χ^2/NDF: 22031269649

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 502.365+/-0.000 χ^2/NDF:1519156609286494211376362666392236851 2.0/11

Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

Left: -20.132+/-0.000 χ^2/NDF: 5323446467512180

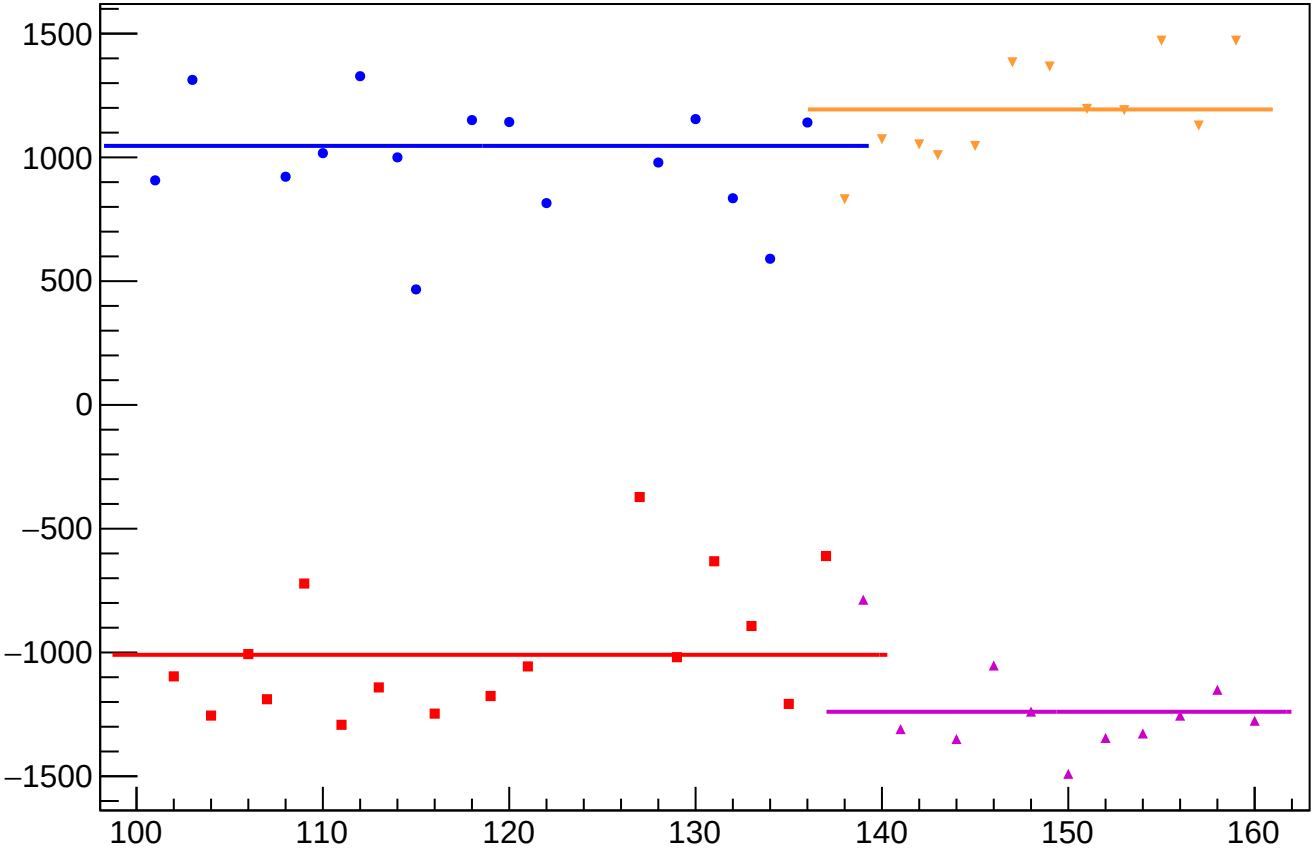
Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Out: 201.895+/-0.000 χ^2/NDF:2139138372014608

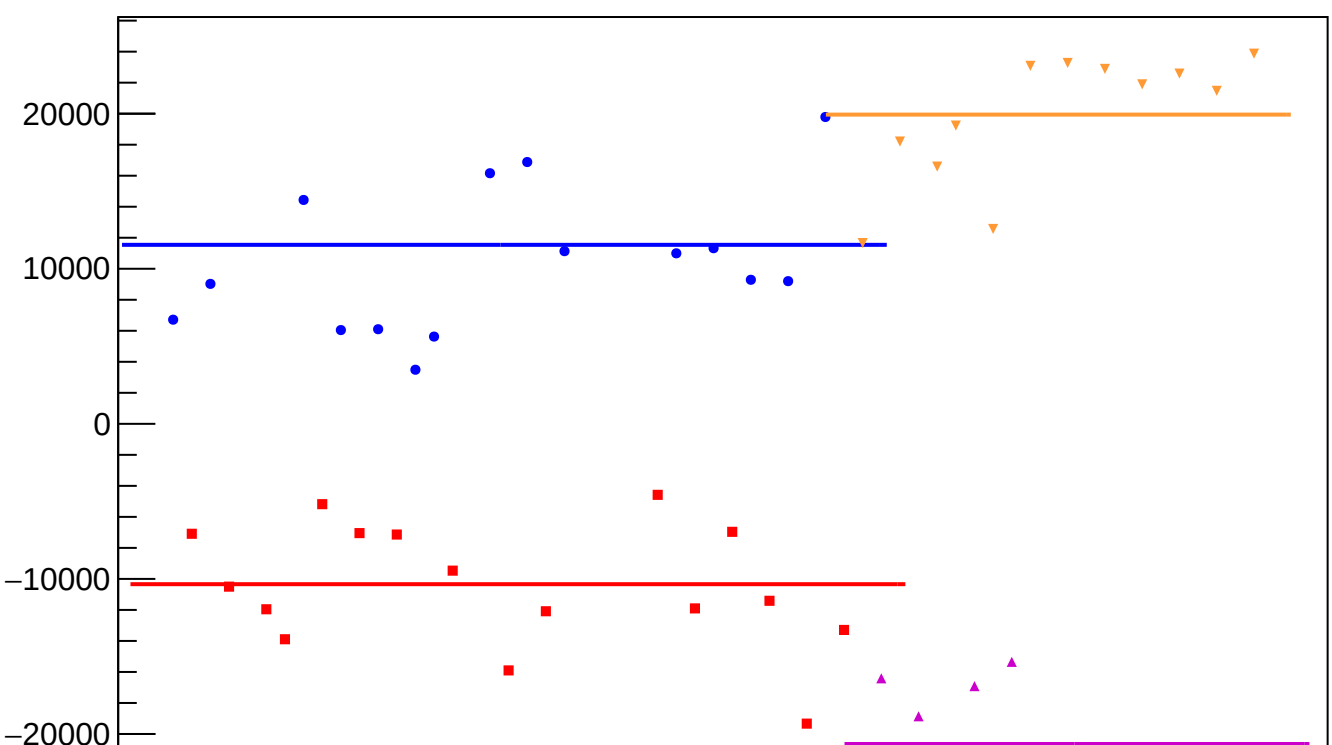
All: -5.524+/-0.000 χ^2/NDF: 6125424587177

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: -462.888+/-0.000 χ^2/NDF: 780393460783243

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19940.398+/-0.000 χ^2/NDF:150694867433458665068686580084002930032 64.0/11

In: -7364.946+/-0.000 χ^2/NDF:417673505445330

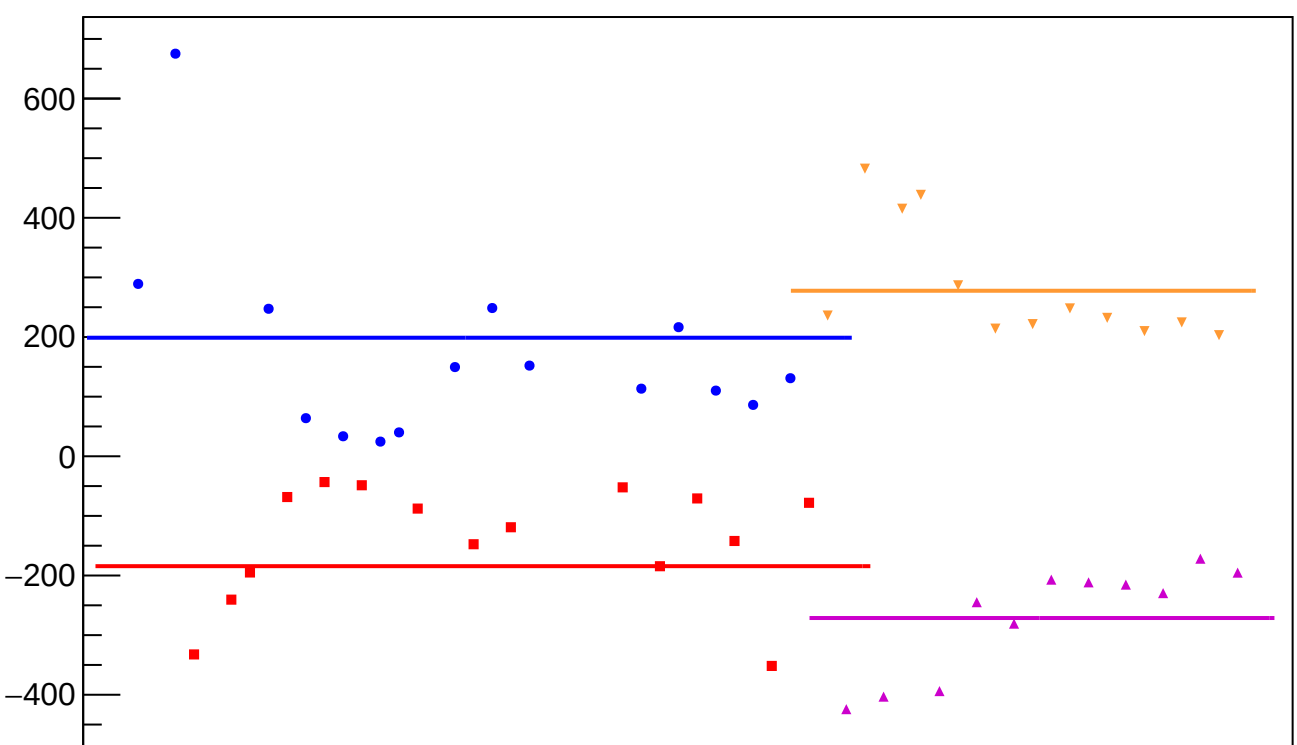
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7165.569+/-0.000 χ^2/NDF:37988973968207 7

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

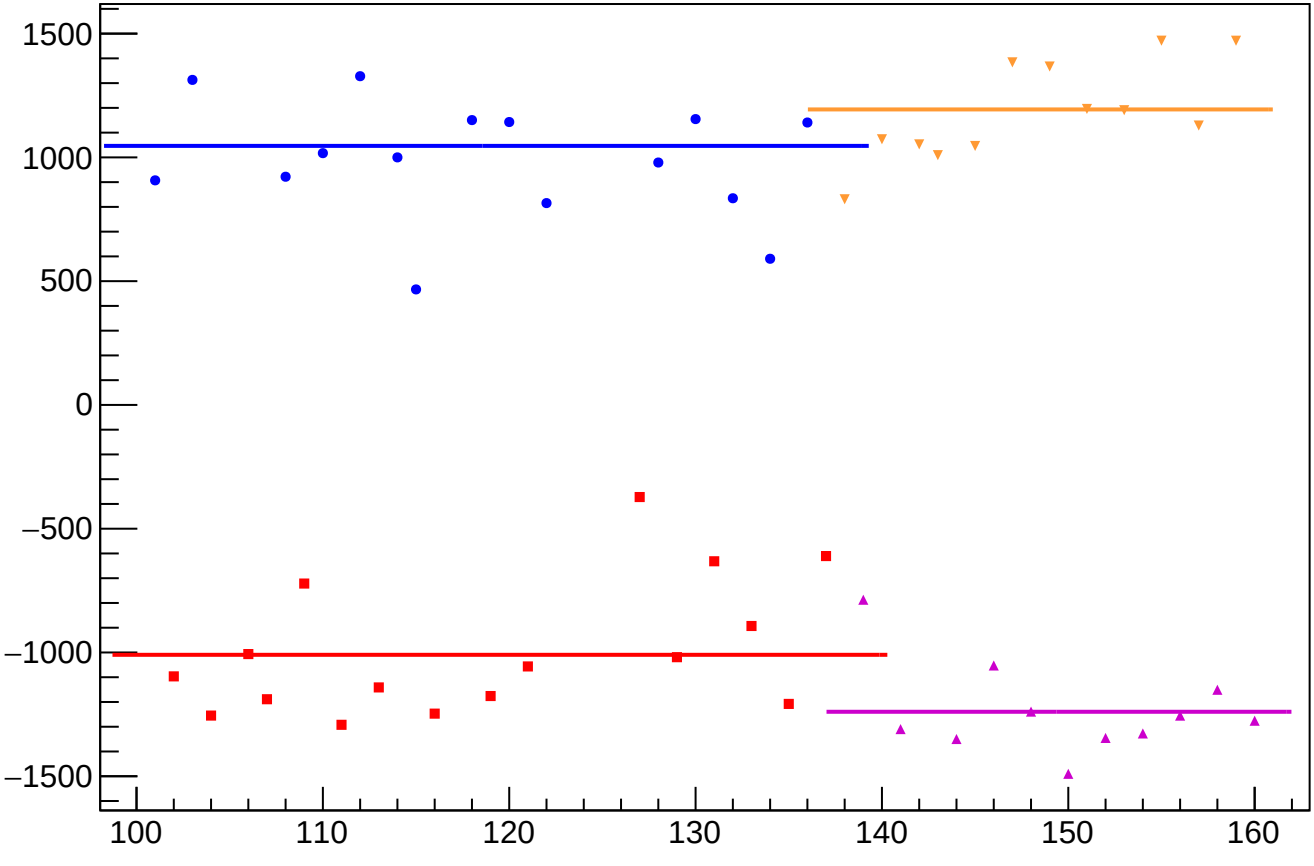
All: -81.261+/-0.000 χ^2/NDF: 964042806490

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



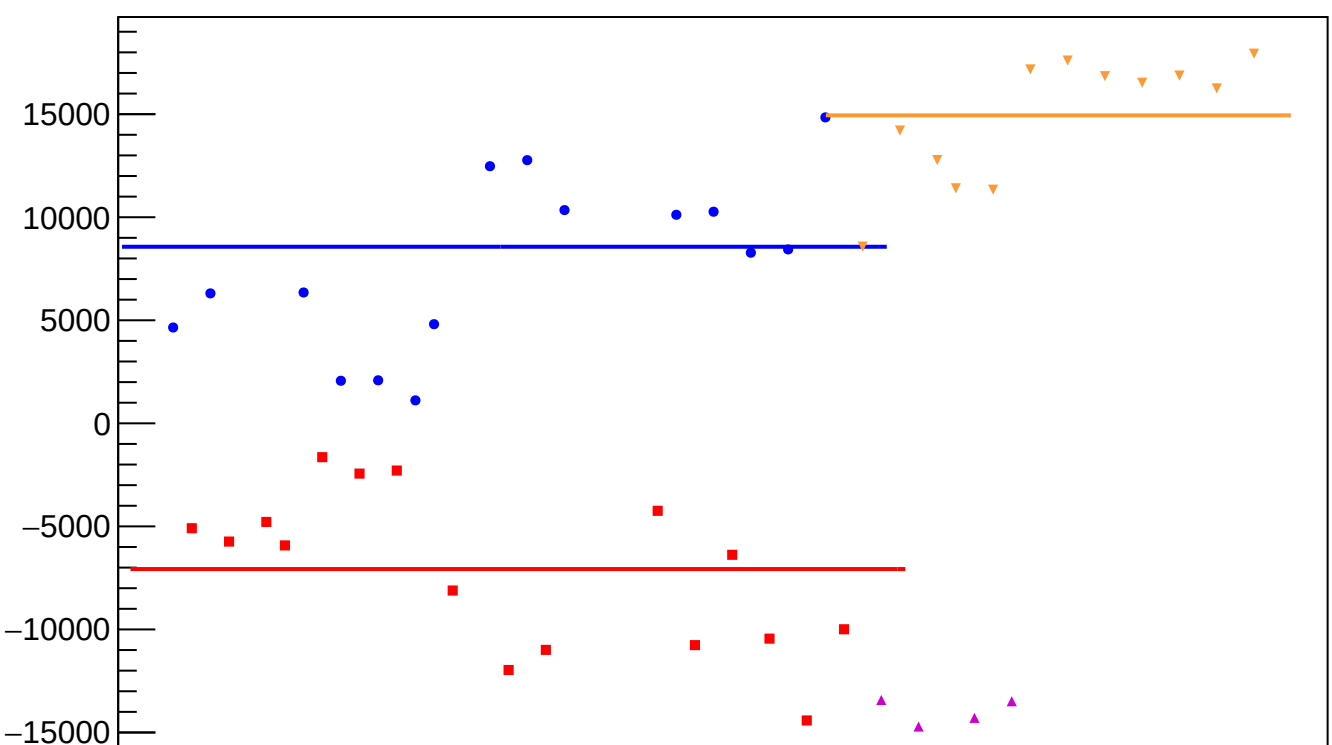
Left: 1.680+/-0.000 χ^2/NDF: 15360478630290122
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 277.638+/-0.000 χ^2/NDF:80386137058904862279846888470143303 68.0/11
In: -77.317+/-0.000 χ^2/NDF:10971103033492192
Right Out: -184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15
Out: 82.741+/-0.000 χ^2/NDF:1052585597535174
Left In: -271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10
All: 2.915+/-0.000 χ^2/NDF: 2351696492796

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



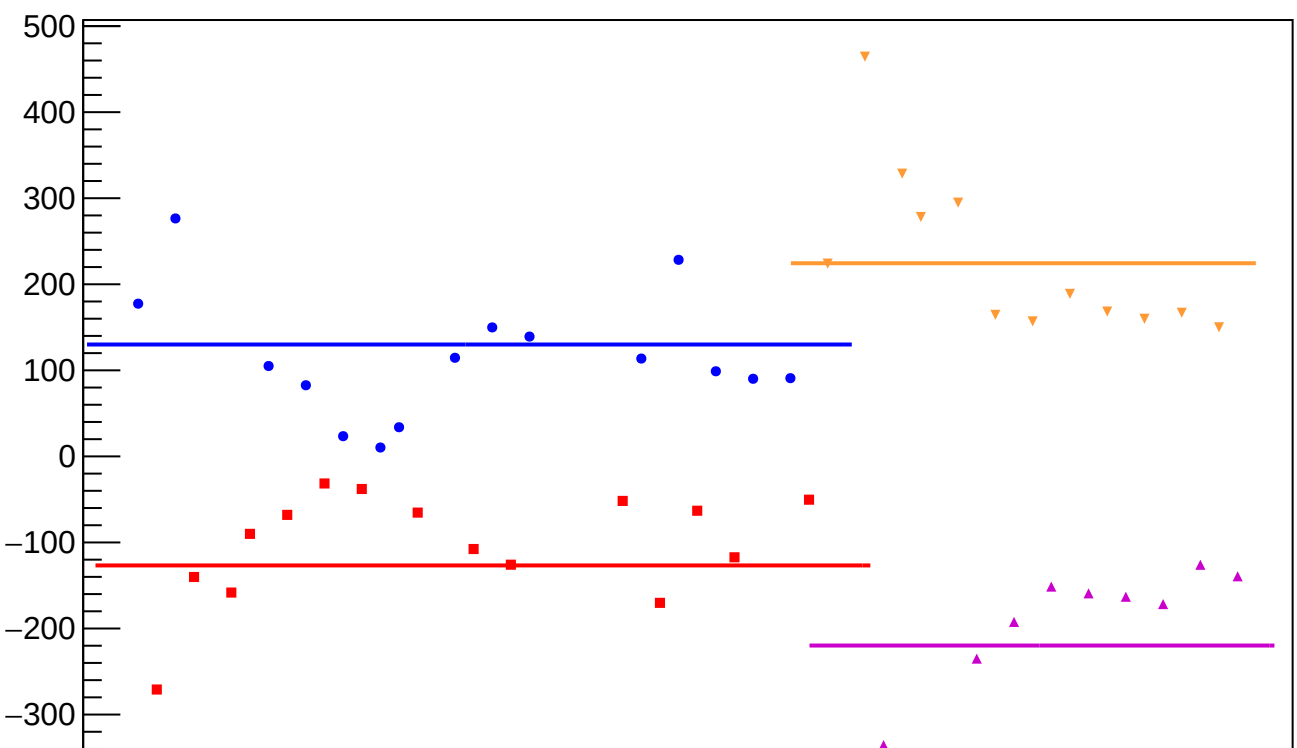
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam8_coil1_mean vs Slug, Sign Corrected



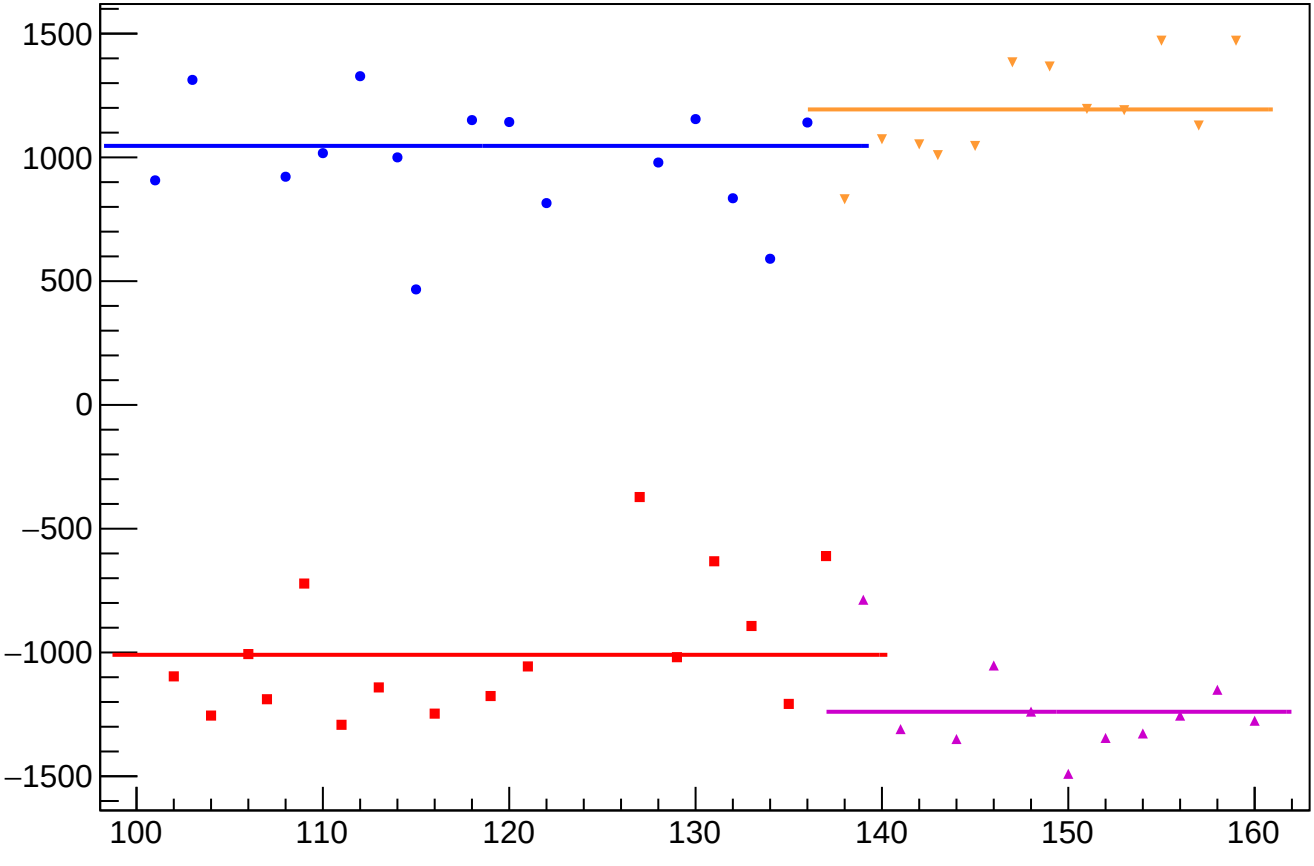
Left: -606.081+/-0.000 χ^2/NDF: 449973748621365
Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
Right: 642.005+/-0.000 χ^2/NDF: 101620430321781
Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11
In: -5856.261+/-0.000 χ^2/NDF:243442912299638
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15
Out: 5656.420+/-0.000 χ^2/NDF:204837318375848
Left In: -15987.436+/-0.000 χ^2/NDF:247039342825481572862908333262999912448 0.0/10
All: -85.320+/-0.000 χ^2/NDF: 552788797574

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



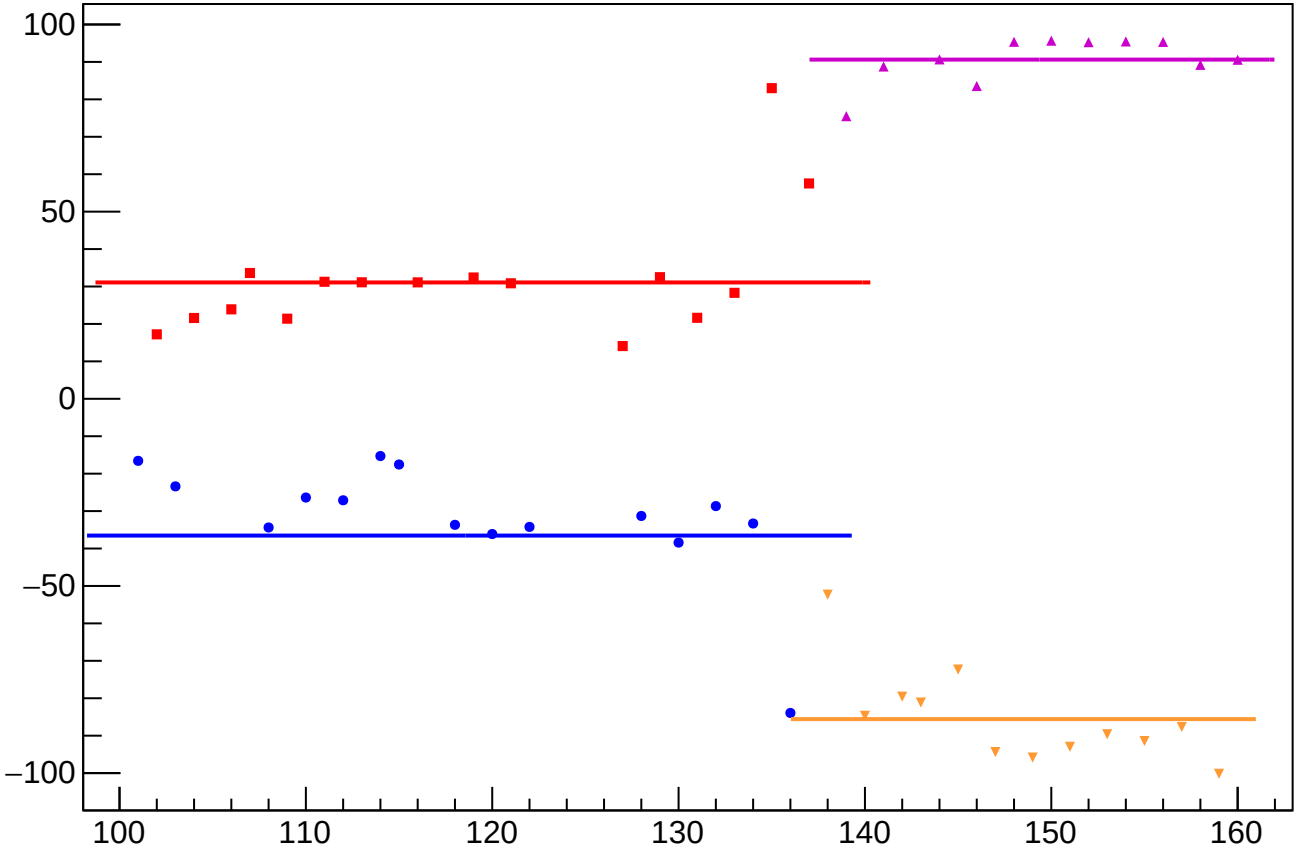
Left: 1.127+/-0.000 χ^2/NDF: 10597011405923870
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11
In: -75.461+/-0.000 χ^2/NDF:5718321474532916
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15
Out: 76.306+/-0.000 χ^2/NDF:6081924856680347
Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10
All: 0.615+/-0.000 χ^2/NDF: 1361639505758

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



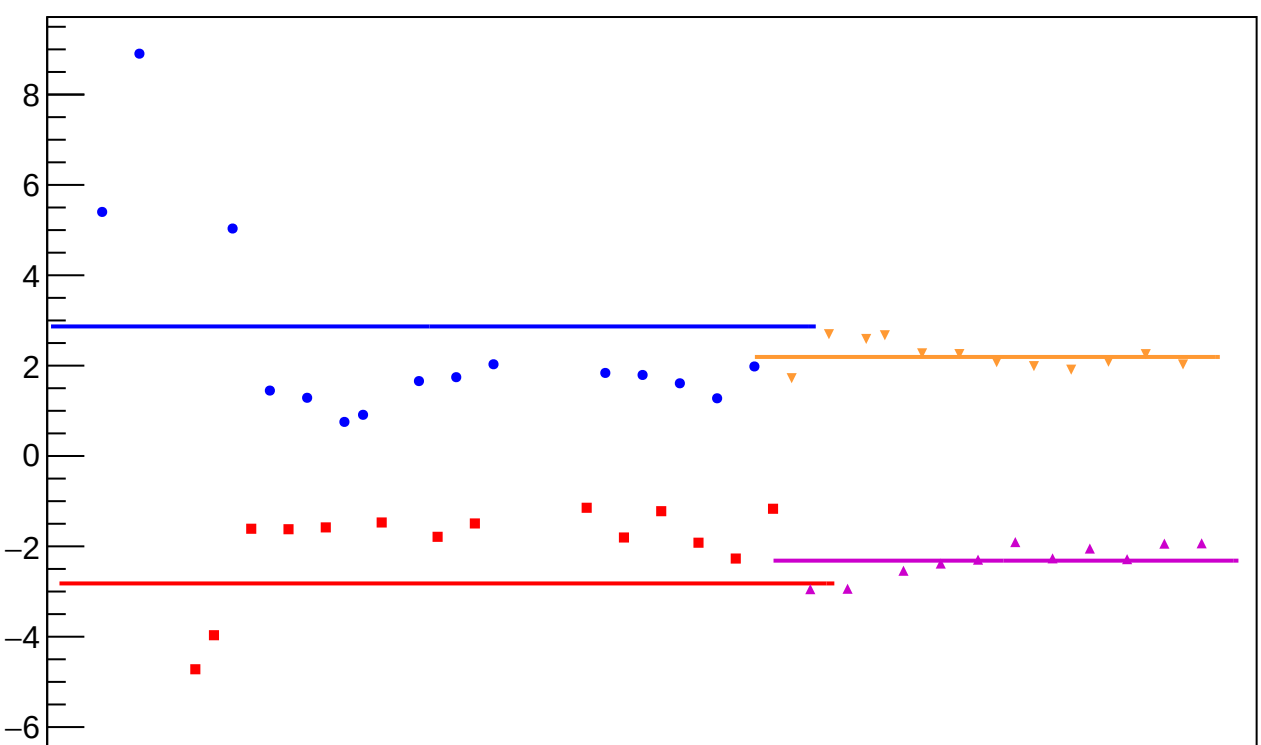
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 3.003+/-0.000 χ^2/NDF: 14440185336752927
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11
In: 38.154+/-0.000 χ^2/NDF:64516085545673936
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -36.355+/-0.000 χ^2/NDF:5572346140178000
Left In: 90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10
All: 0.805+/-0.000 χ^2/NDF: 16401400360245

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.192+/-0.000 χ^2/NDF:7604390678914156108458001589862 4.0/11

Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Left In: -2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

Left: -0.075+/-0.000 χ^2/NDF: 95306809315306736

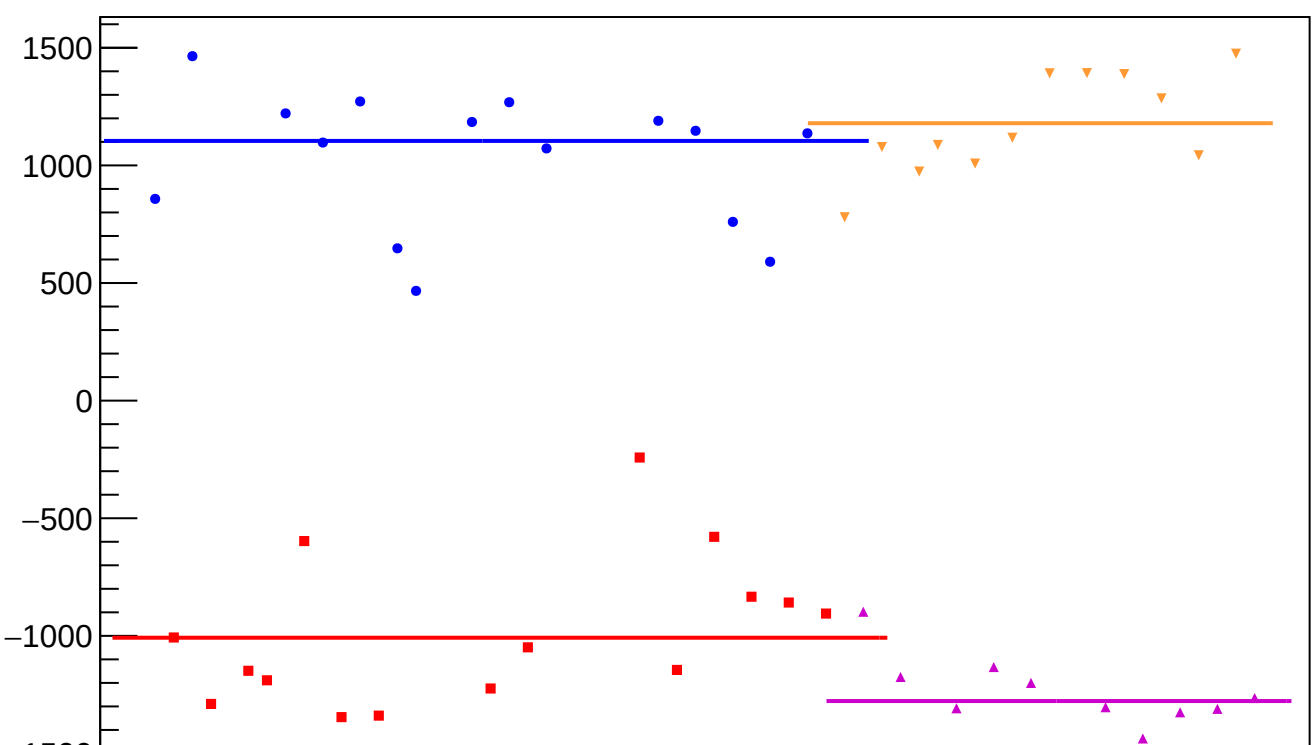
Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

In: -0.178+/-0.000 χ^2/NDF:138149448631133165

Out: 0.077+/-0.000 χ^2/NDF:12819402023000433 0

All: -0.050+/-0.000 χ^2/NDF: 2668555650335

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

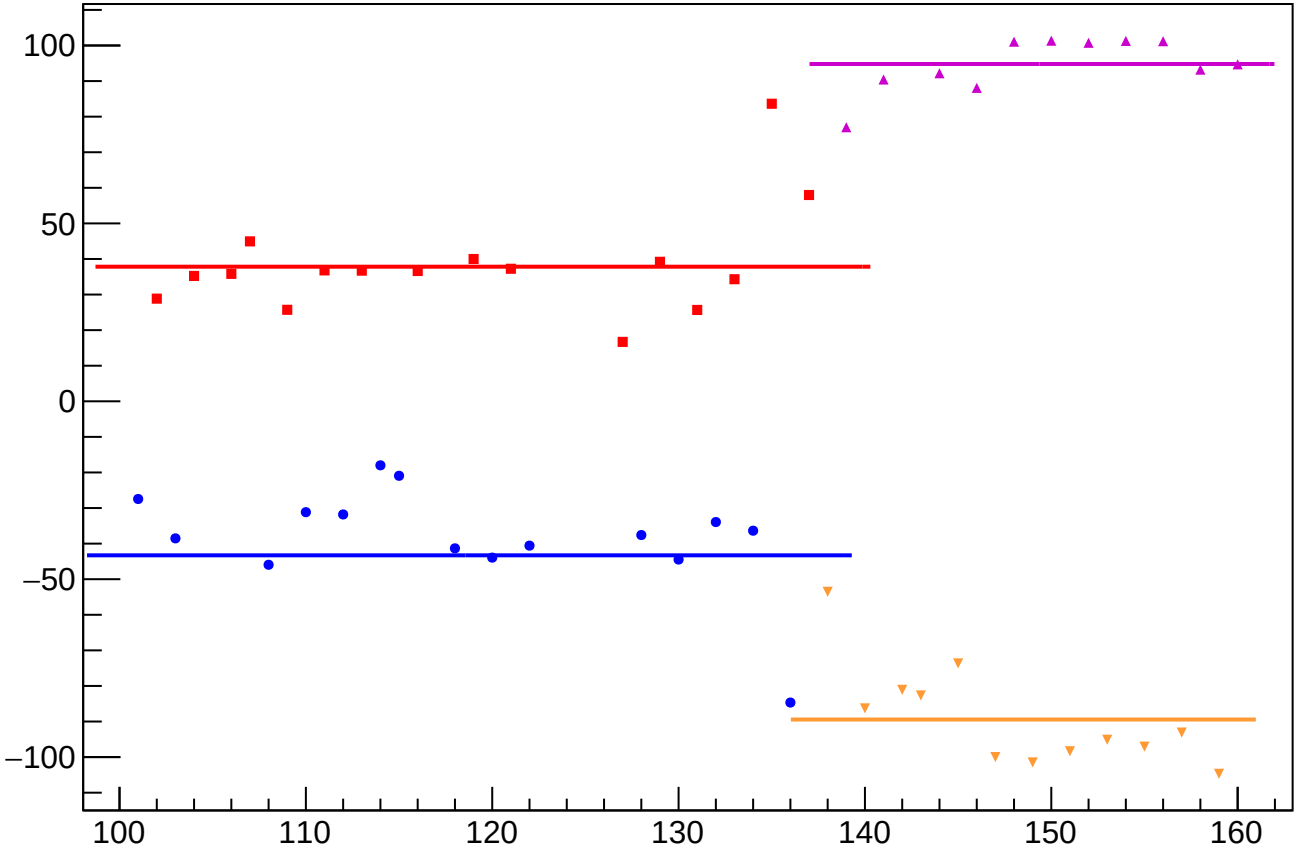
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 3.181+/-0.000 χ^2/NDF: 158268282831051271

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -89.439+/-0.000 χ^2/NDF:181119962985690841138788427972476928.0/11

In: 37.826+/-0.000 χ^2/NDF:751790372998047563

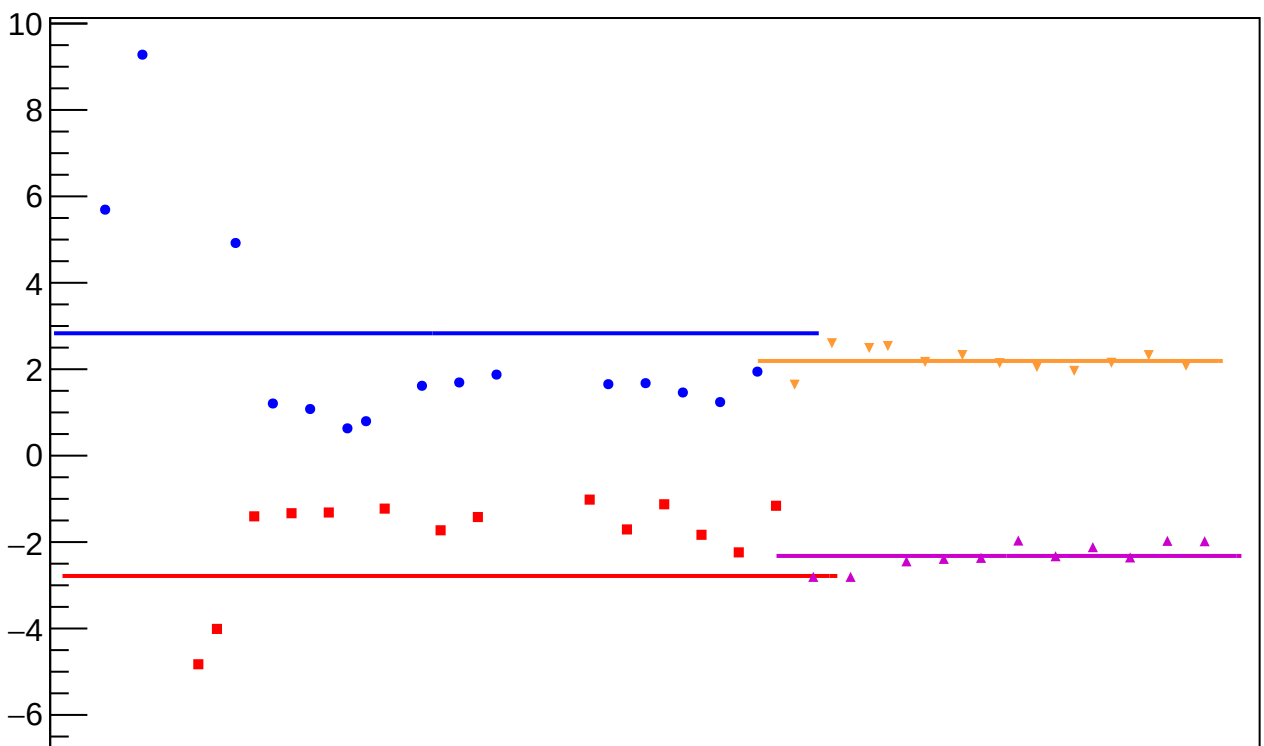
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.745+/-0.000 χ^2/NDF:6575776048743356

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

All: 0.947+/-0.000 χ^2/NDF: 1836150818238

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.077+/-0.000 χ^2/NDF: 94909091783771973

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

In: -0.195+/-0.000 χ^2/NDF:1415385013408516 11

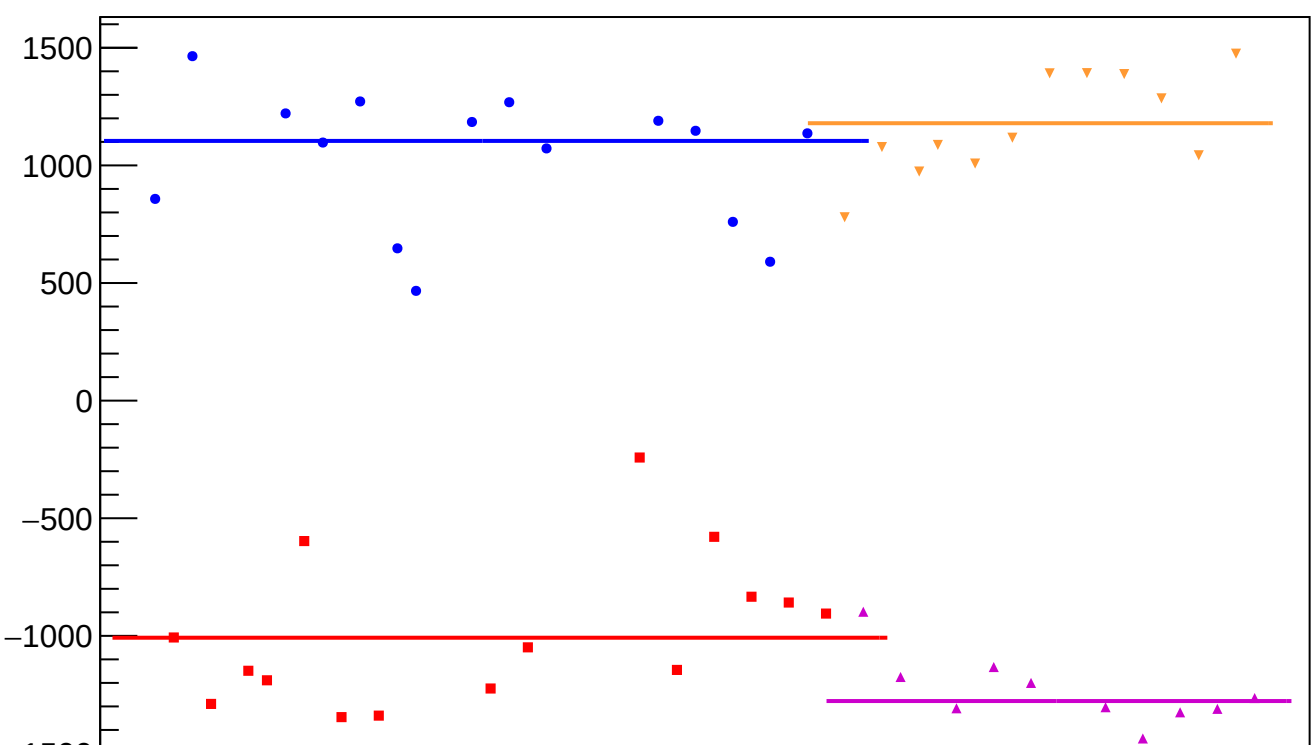
Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

Out: 0.092+/-0.000 χ^2/NDF:1319660578541495 19

Left In: -2.321+/-0.000 χ^2/NDF:7461912322461632454440450523 1360.0/10

All: -0.051+/-0.000 χ^2/NDF: 2741558316748

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

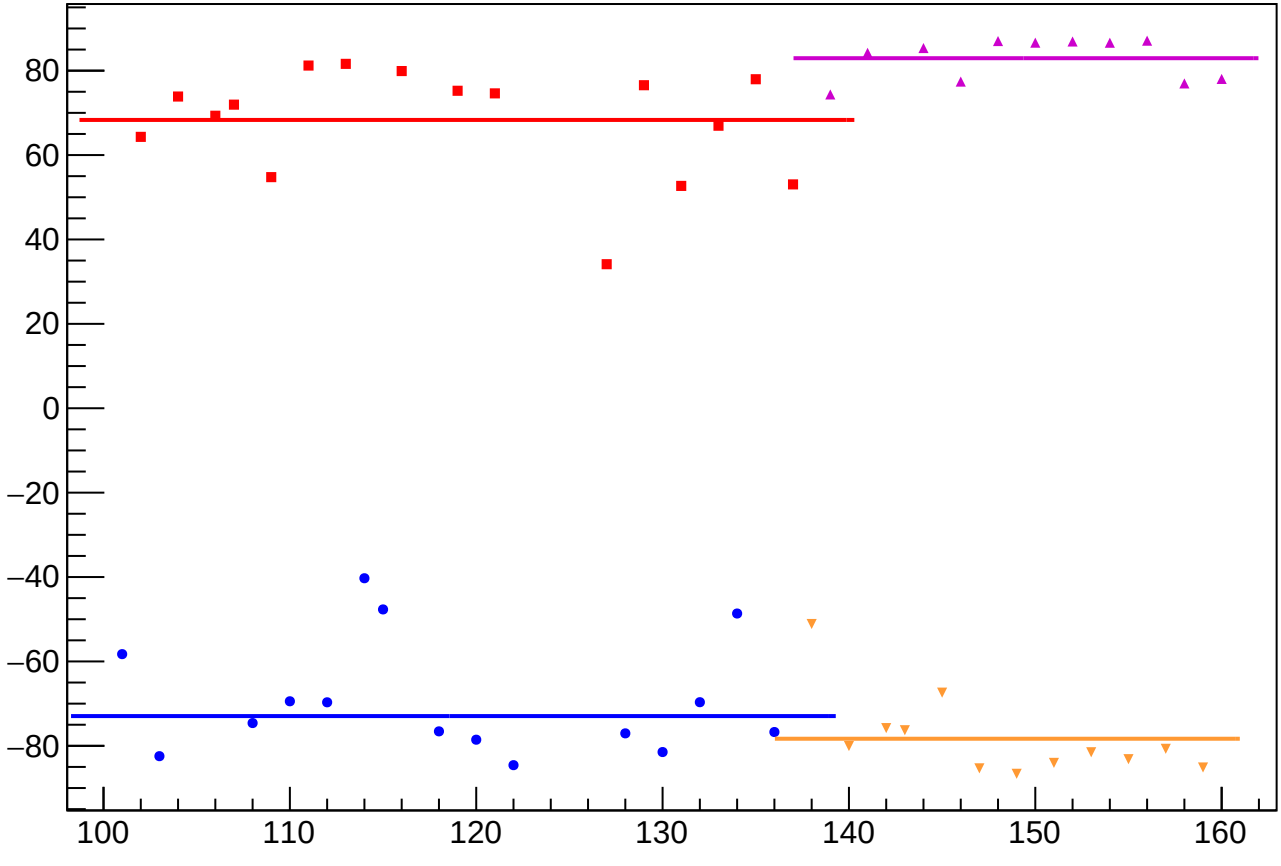
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 2.757+/-0.000 χ^2/NDF: 120577028568665653

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

In: 18.630+/-0.000 χ^2/NDF:935227547229560147

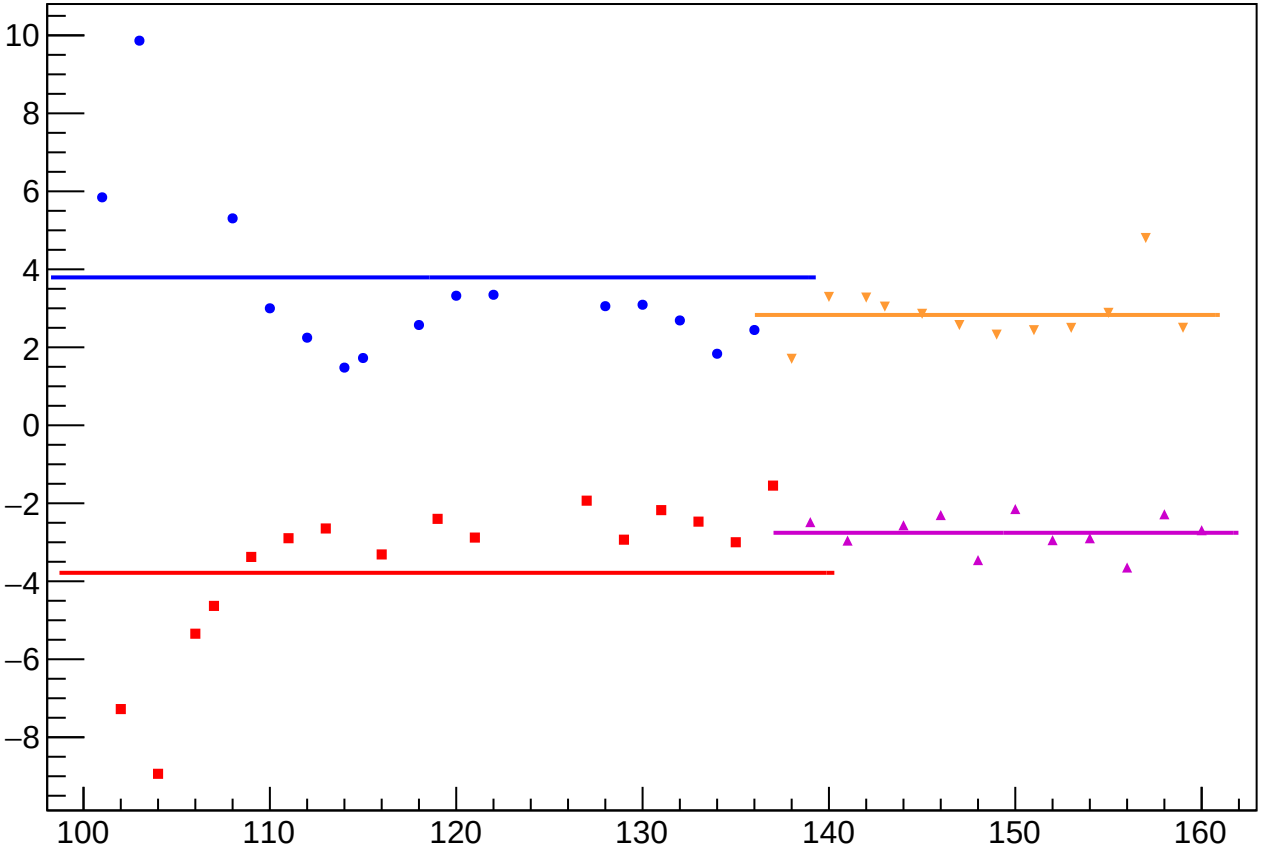
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: -16.451+/-0.000 χ^2/NDF:8485315004637869

Left In: 82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

All: 1.045+/-0.000 χ^2/NDF: 1880801156865

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 15025603203448953

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.830+/-0.000 χ^2/NDF:49274902602883890794782962116 1984.0/11

In: -0.054+/-0.000 χ^2/NDF:19750496568510585 7

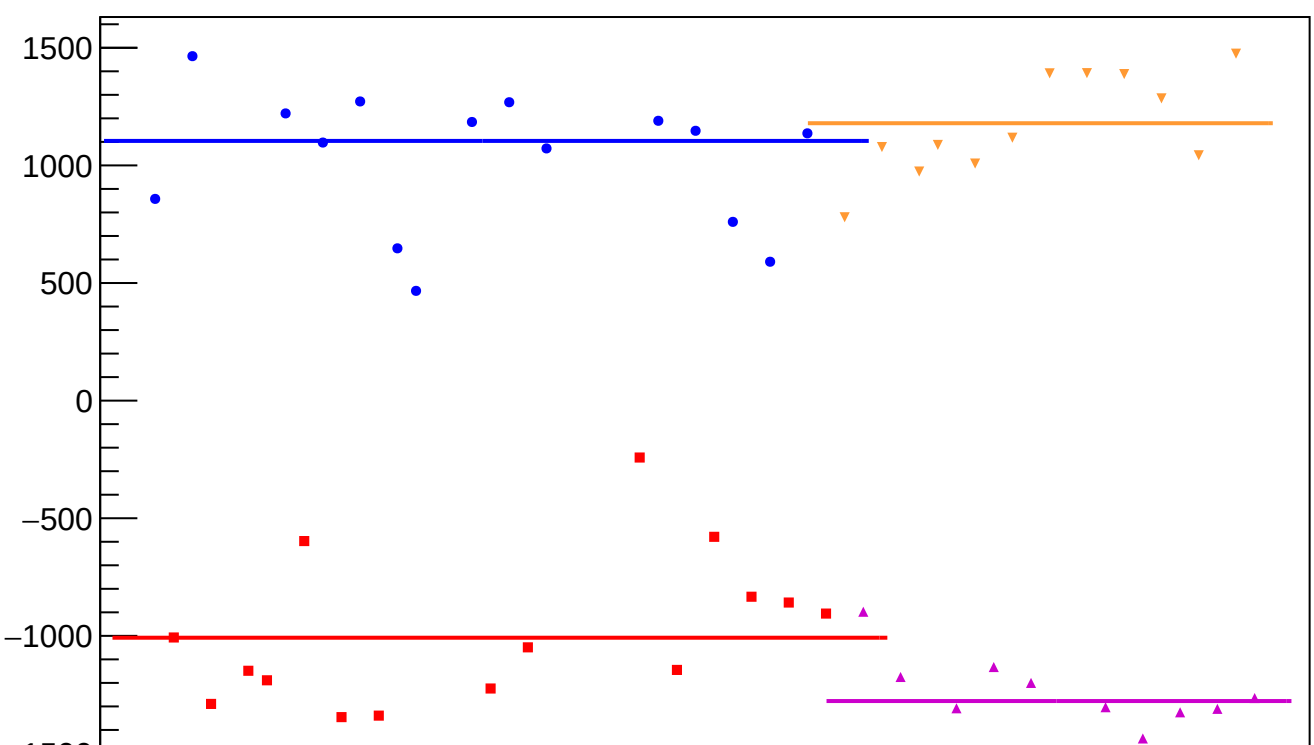
Right Out: -3.783+/-0.000 χ^2/NDF: 28785866221926766544523387553710 08.0/15

Out: 0.040+/-0.000 χ^2/NDF:20235343242589691 2

Left In: -2.757+/-0.000 χ^2/NDF:19172074654773230622605404274688 0.0/10

All: -0.007+/-0.000 χ^2/NDF: 3999287355304

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

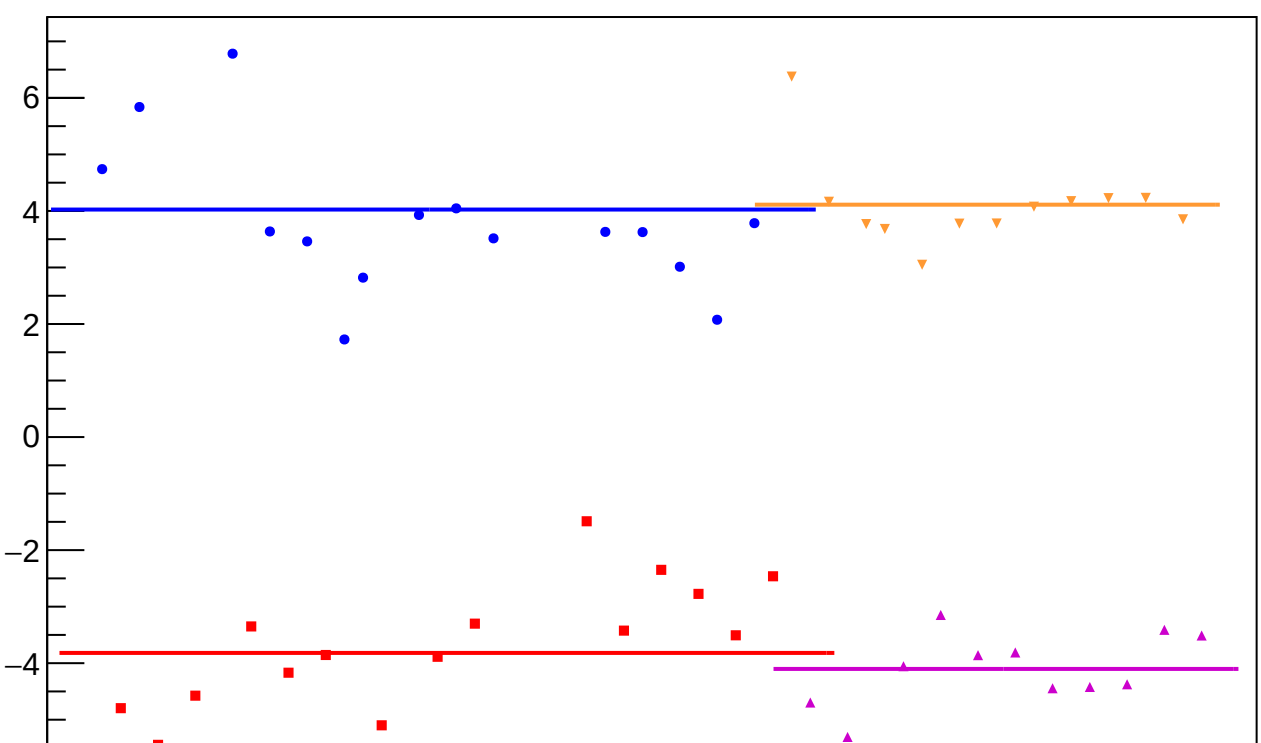
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: -0.018+/-0.000 χ^2/NDF: 31853611122068431

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 21892754887879739

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

In: -0.749+/-0.000 χ^2/NDF:26275294393356203 3

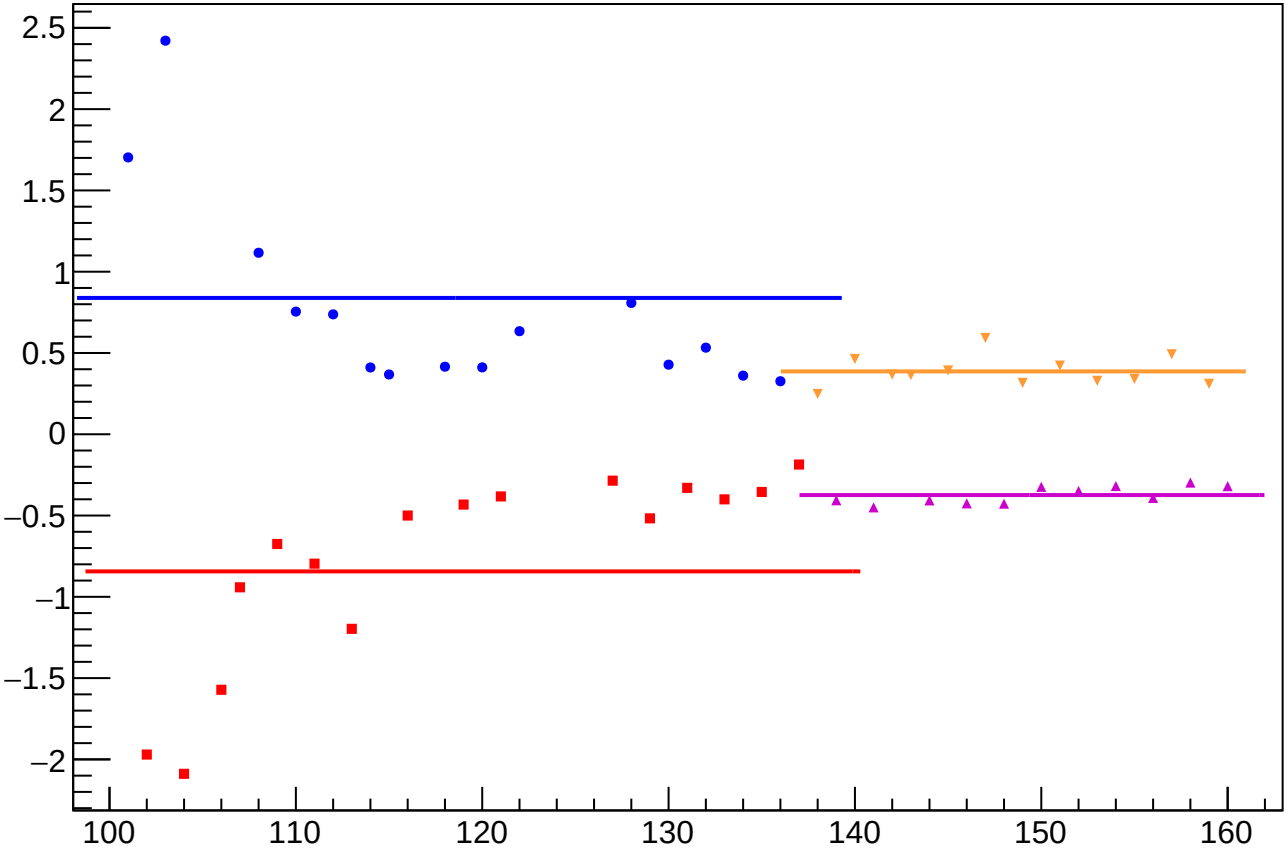
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.766+/-0.000 χ^2/NDF:25666157664453877 9

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

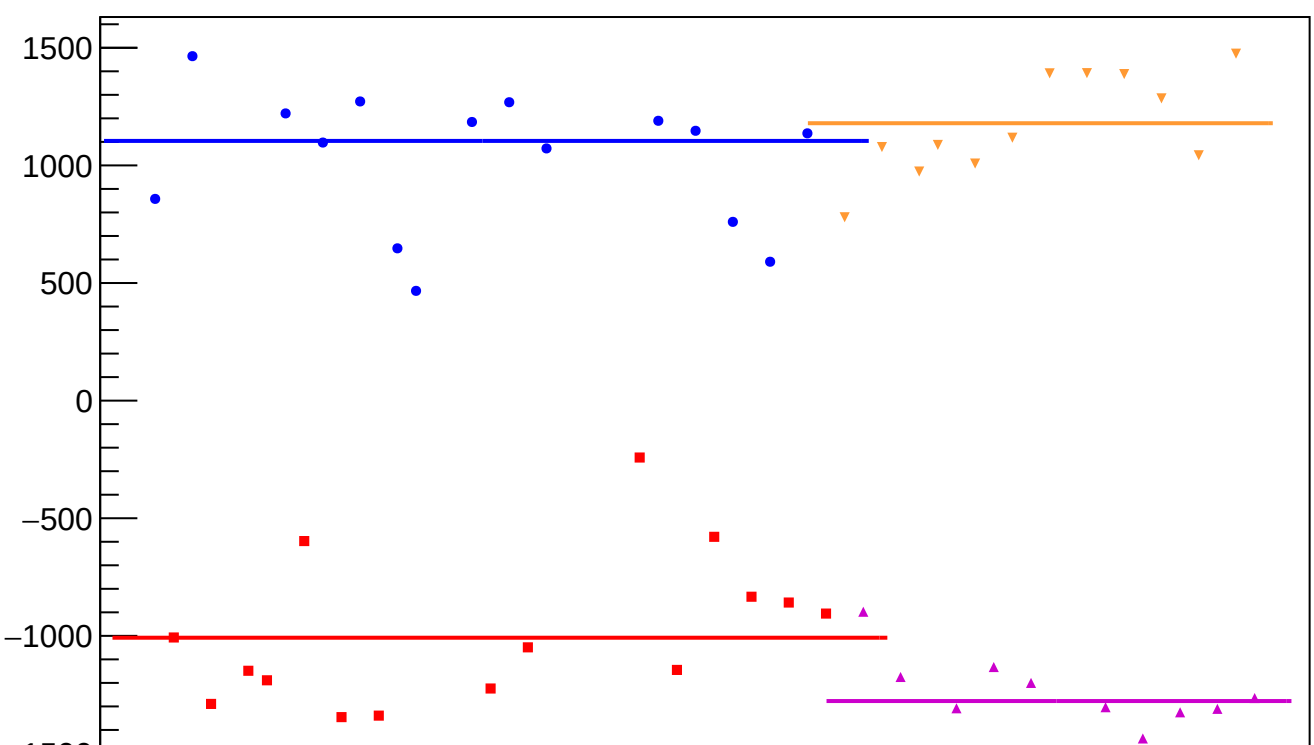
All: 0.010+/-0.000 χ^2/NDF: 5374982991435 4

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.004+/-0.000 χ^2/NDF: 27594858438302610
Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11
In: 0.126+/-0.000 χ^2/NDF:8214812118150652652
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15
Out: -0.132+/-0.000 χ^2/NDF:8441698023007620 5
Left In: -0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10
All: -0.003+/-0.000 χ^2/NDF: 1718408465884

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

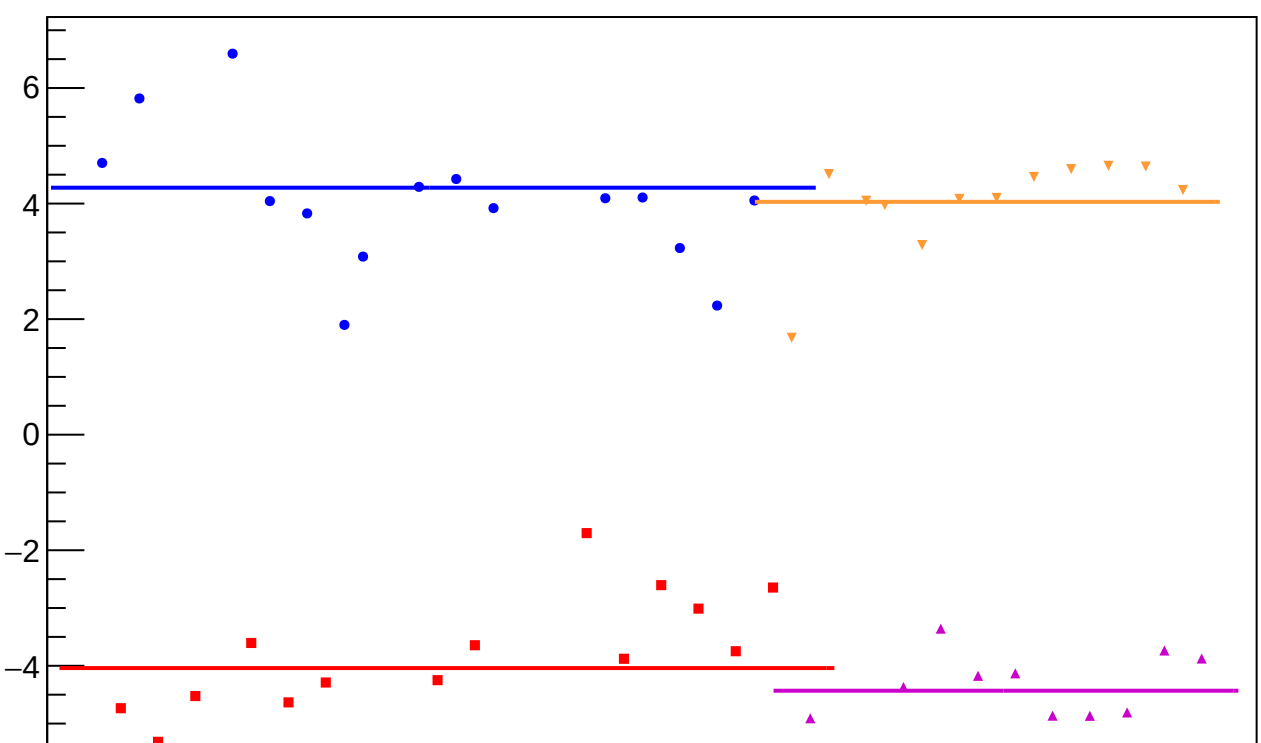
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.224+/-0.000 χ^2/NDF: 33846784910567174

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 24108117163015416

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

In: -0.839+/-0.000 χ^2/NDF:298405306819524431

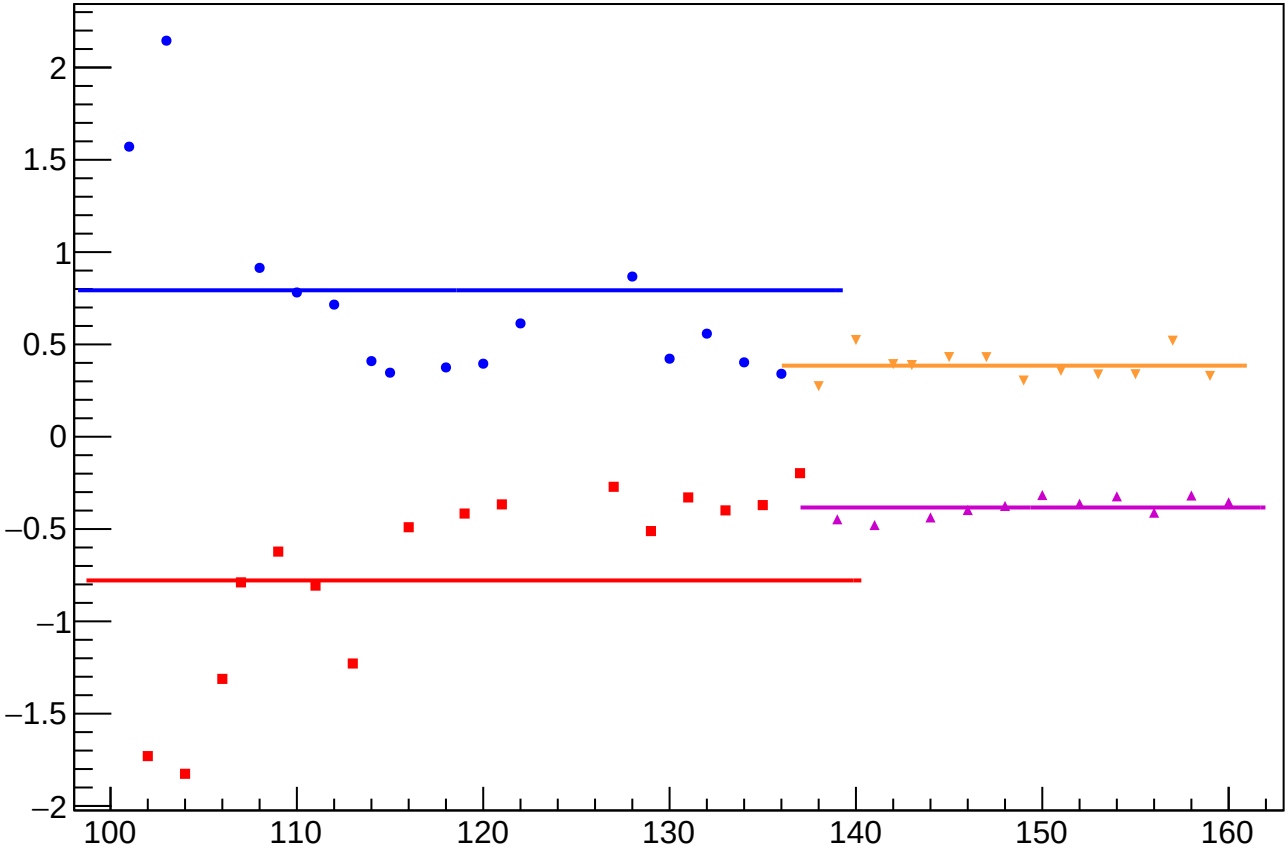
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.626+/-0.000 χ^2/NDF:264837106487294890

Left In: -4.432+/-0.000 χ^2/NDF:345602703191245770554210363899904.0/10

All: -0.105+/-0.000 χ^2/NDF: 5801697378090

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.001+/-0.000 χ^2/NDF: 27939551285001420

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

In: 0.102+/-0.000 χ^2/NDF:7258405978340592610

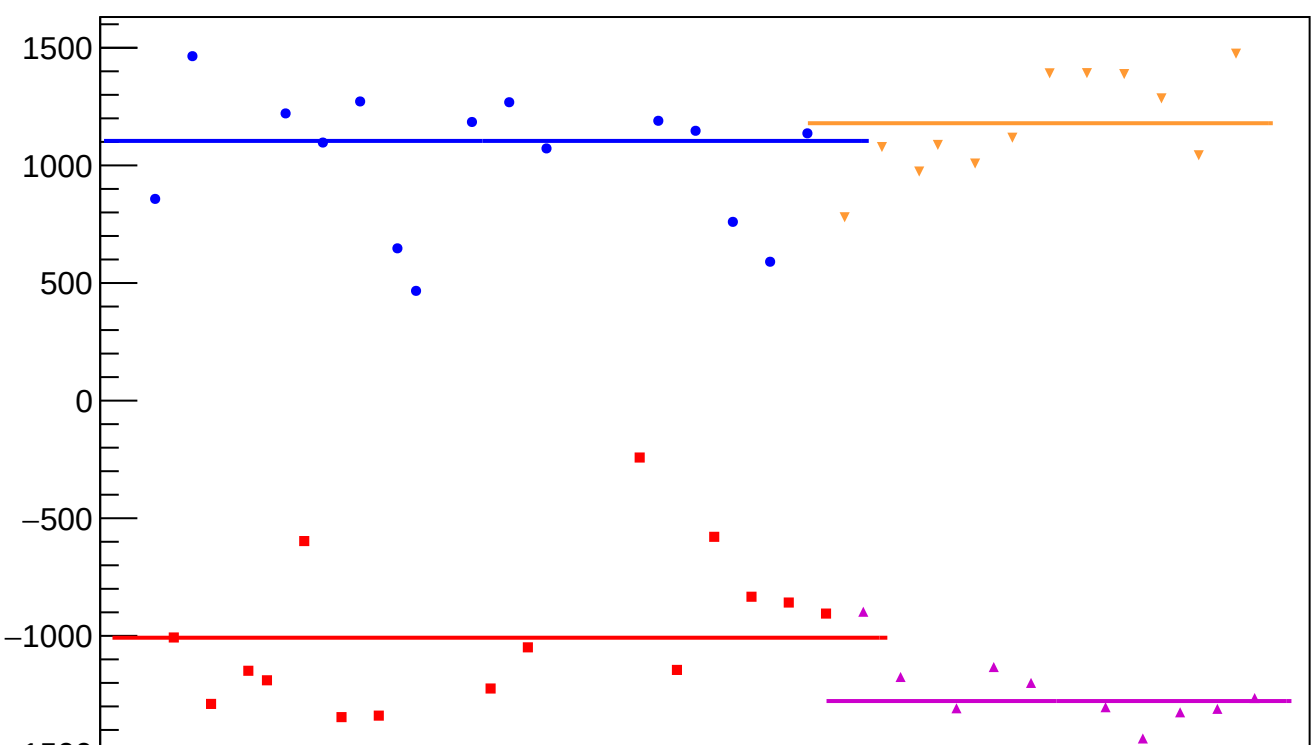
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.106+/-0.000 χ^2/NDF:71330081373871588

Left In: -0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

All: -0.002+/-0.000 χ^2/NDF: 1473239916142

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

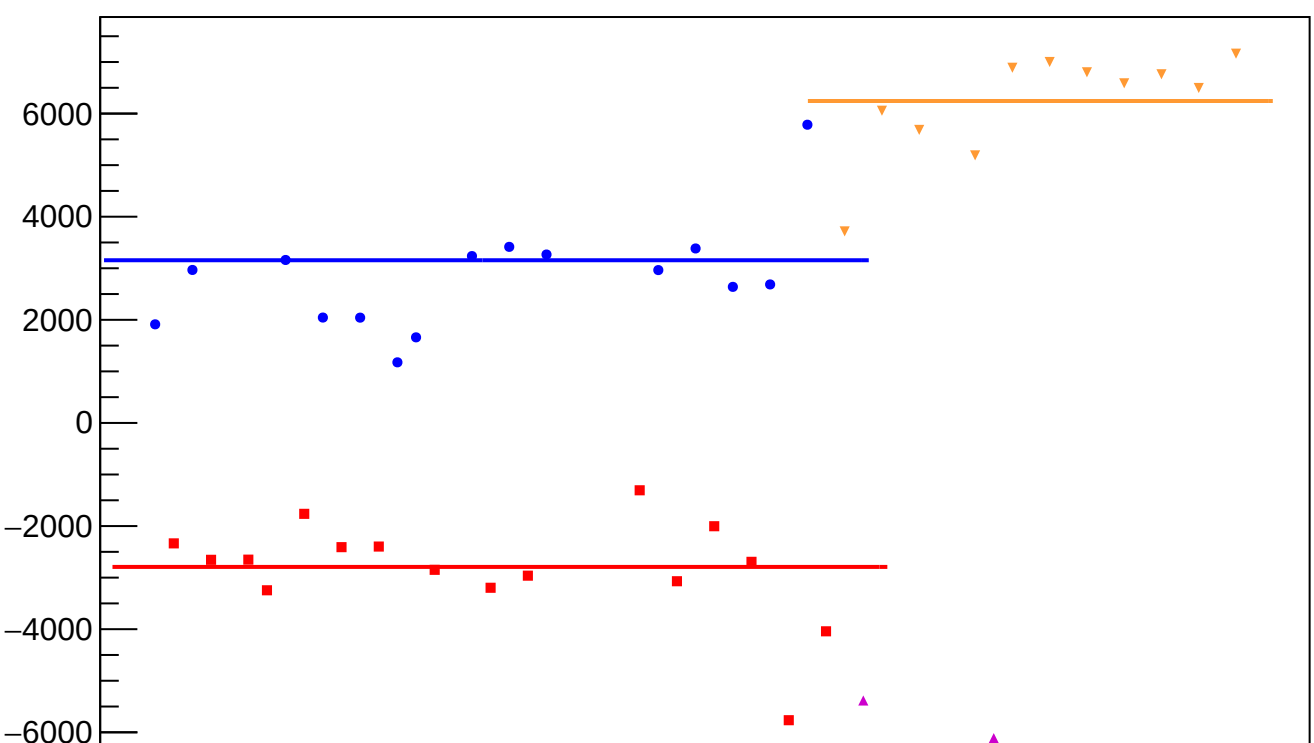
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -455.070+/-0.000 χ^2/NDF: 738907970764408

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6243.976+/-0.000 χ^2/NDF:811230786168378302780139165688711348224.0/10

In: -2572.599+/-0.000 χ^2/NDF:373790912122959

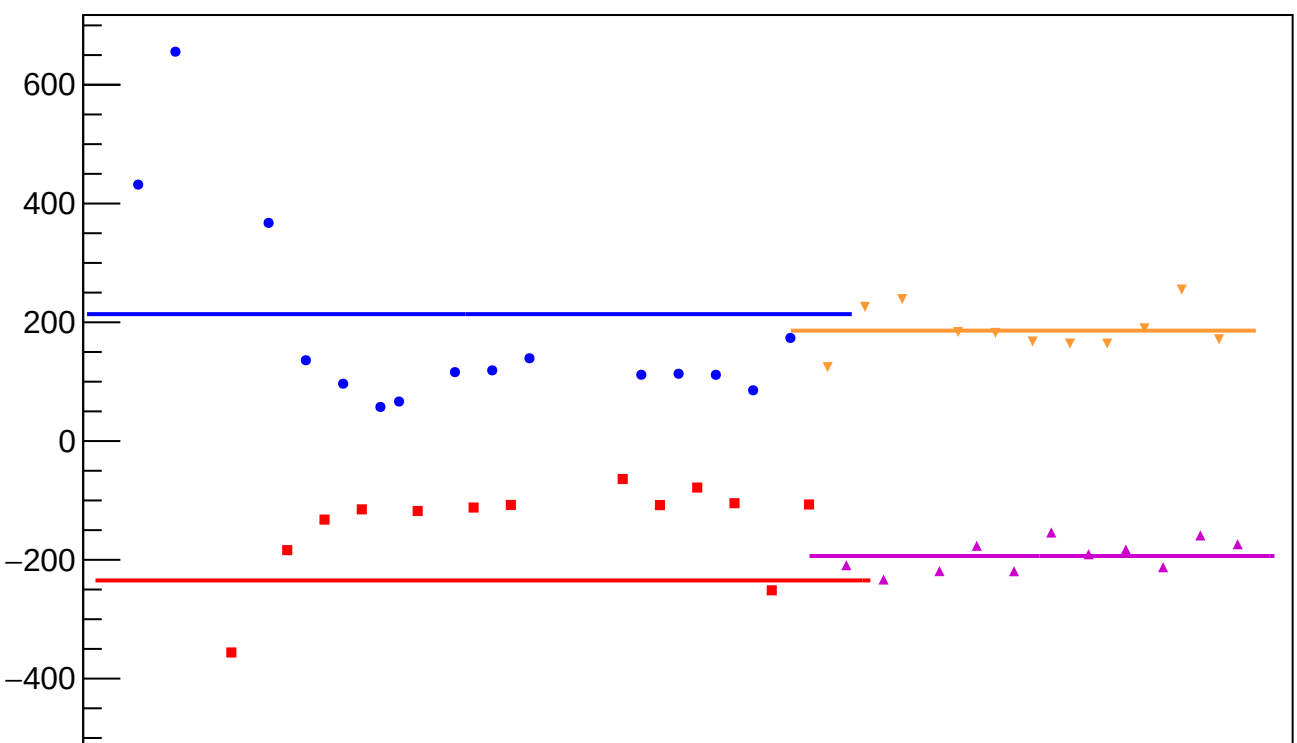
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 2263.025+/-0.000 χ^2/NDF:319547842055844

Left In: -6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640936 96.0/10

All: -200.997+/-0.000 χ^2/NDF: 87373315799

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -12.048+/-0.000 χ^2/NDF: 6529786806410777

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

In: -25.504+/-0.000 χ^2/NDF:83555095892474159

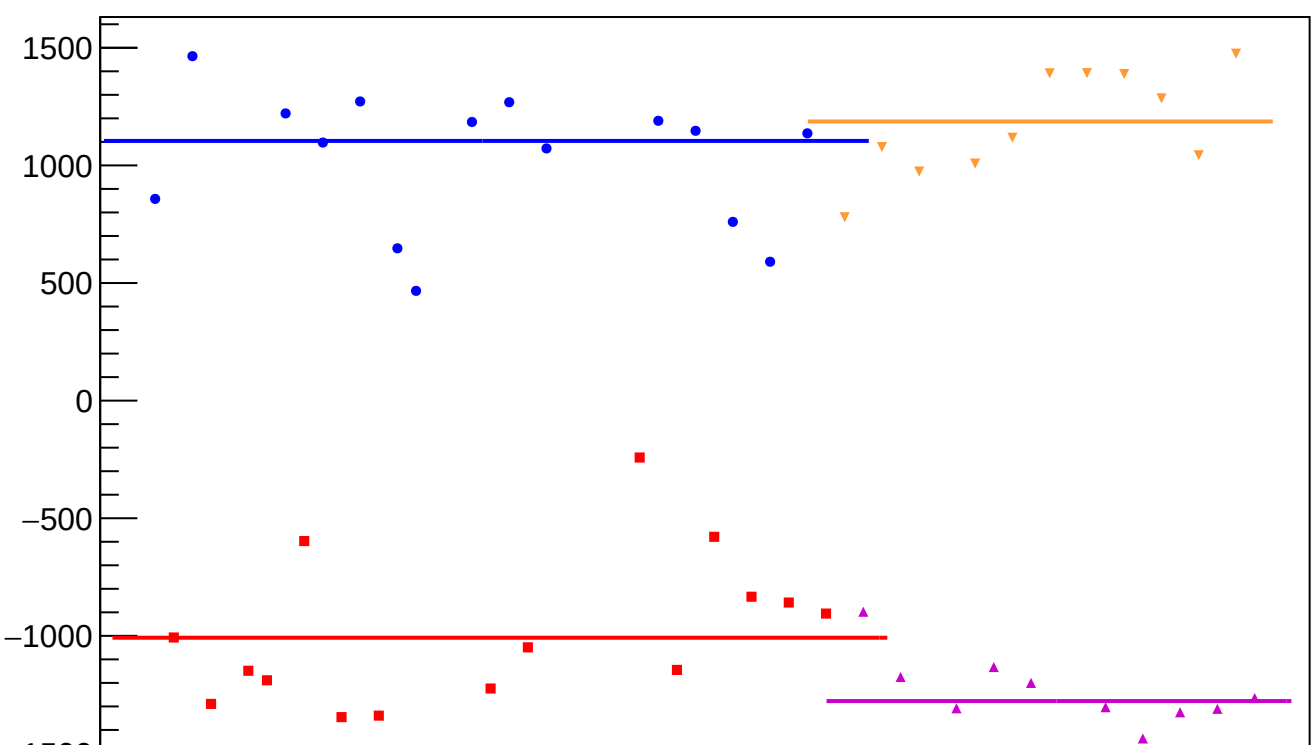
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Out: 0.624+/-0.000 χ^2/NDF:91101505567681952 5

Left In: -193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

All: -12.690+/-0.000 χ^2/NDF: 175183232937

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

Left: -98.791+/-0.000 χ^2/NDF: 2750108583859337

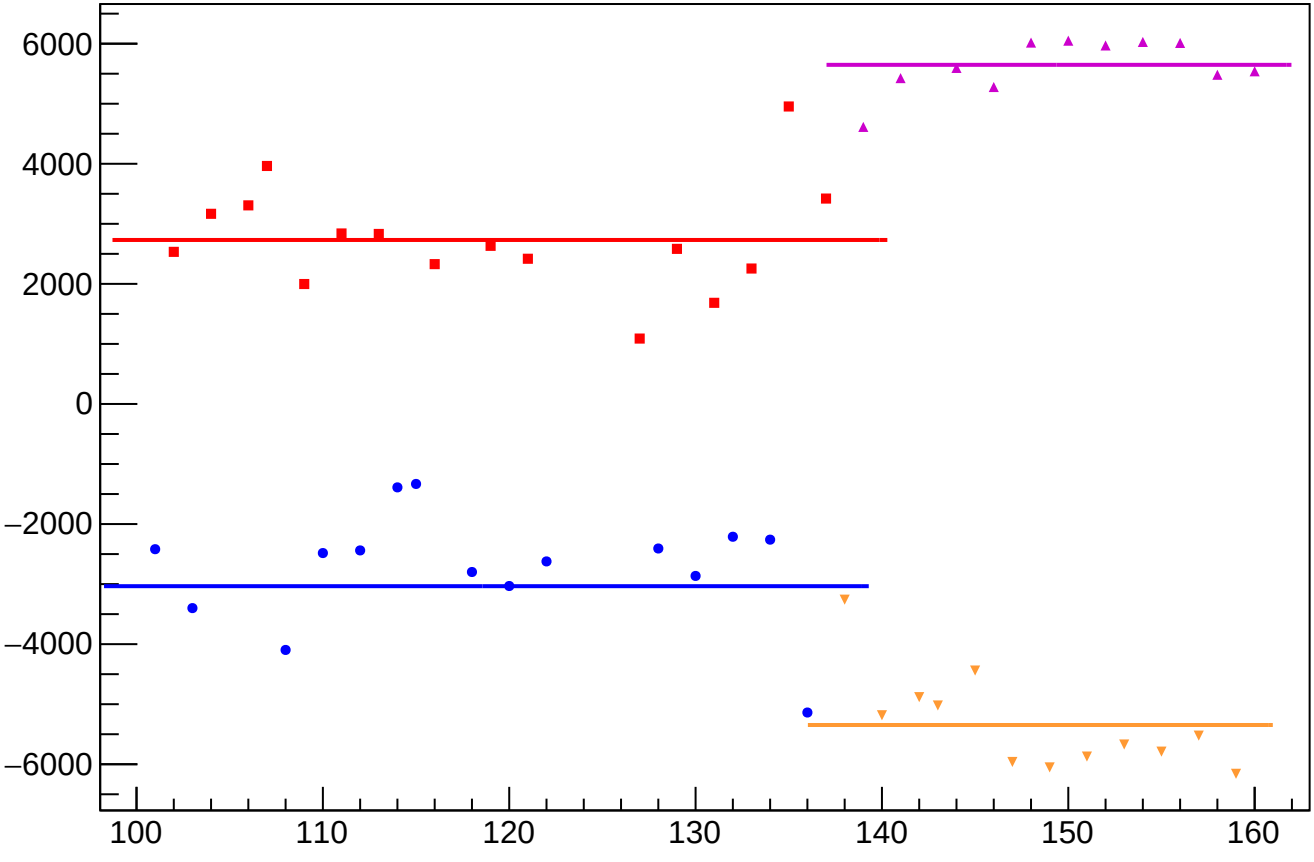
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 219.820+/-0.000 χ^2/NDF:190429861464471 8

All: -42.327+/-0.000 χ^2/NDF: 433243619432

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: 180.580+/-0.000 χ^2/NDF: 5629644567862069

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11

In: 2065.482+/-0.000 χ^2/NDF:2953204271382502

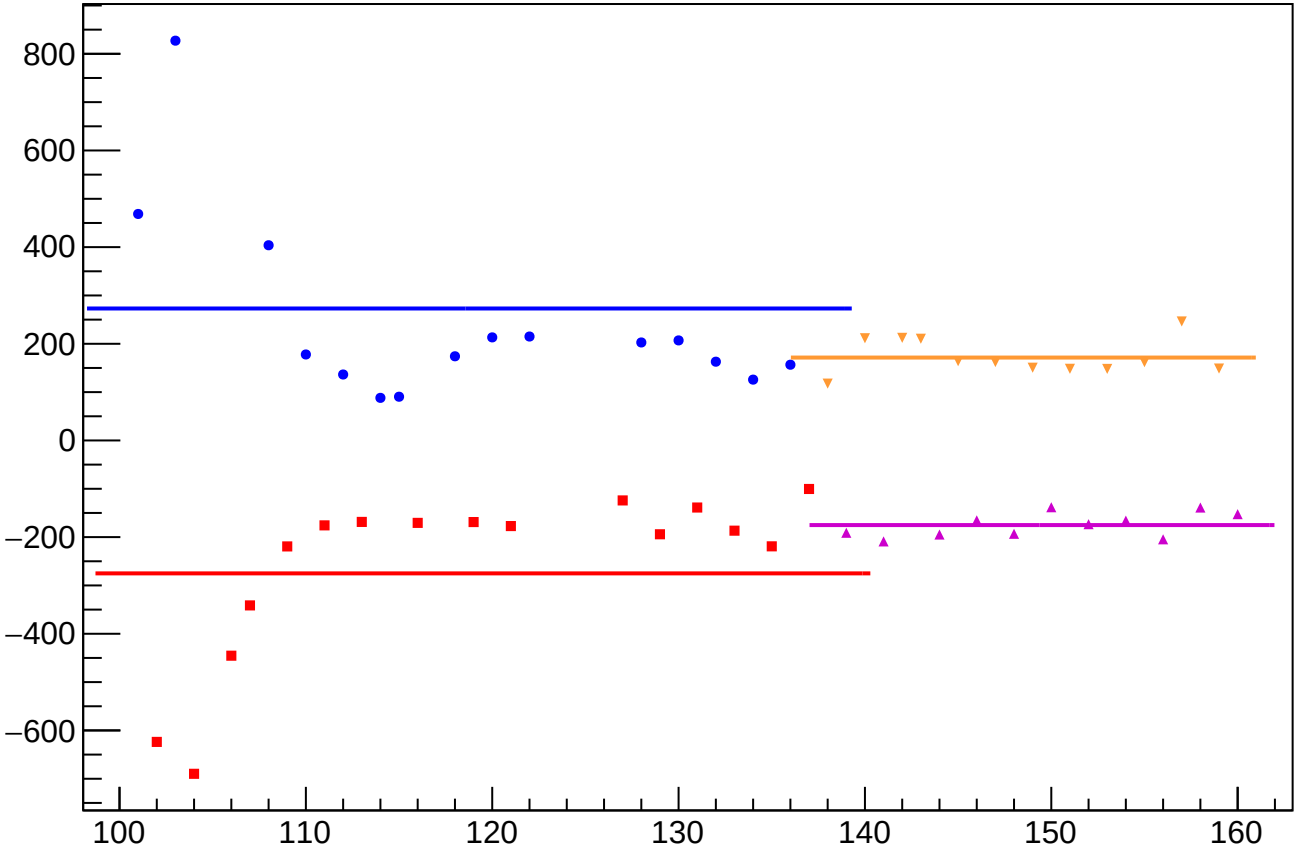
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

Out: -1938.587+/-0.000 χ^2/NDF:26282051967126

Left In: 5647.632+/-0.000 χ^2/NDF:16421431290803564521512635693549171507 2.0/10

All: 58.370+/-0.000 χ^2/NDF: 684556968477

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Left: -2.734+/-0.000 χ^2/NDF: 56898976586589757

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

In: 9.796+/-0.000 χ^2/NDF:10358026016022770 92

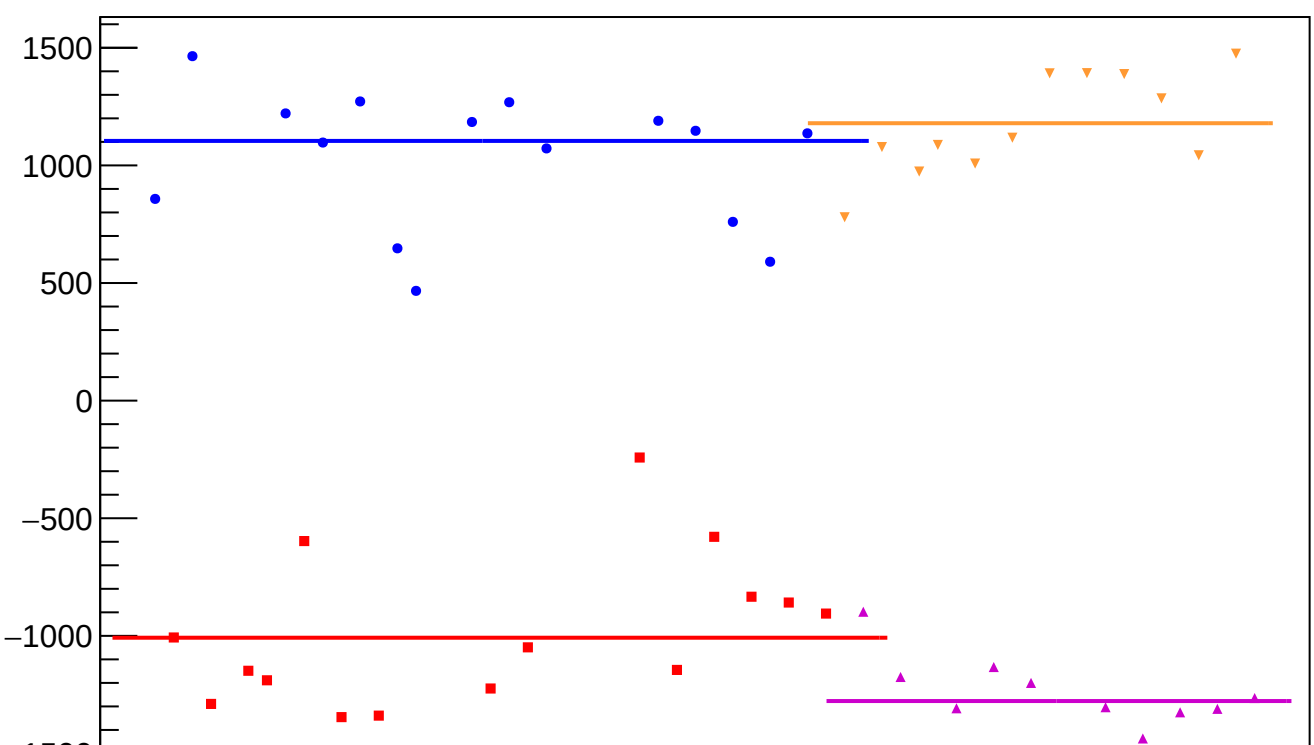
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Out: -16.880+/-0.000 χ^2/NDF:1003225780915381

Left In: -175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

All: -3.576+/-0.000 χ^2/NDF: 2044639421545

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

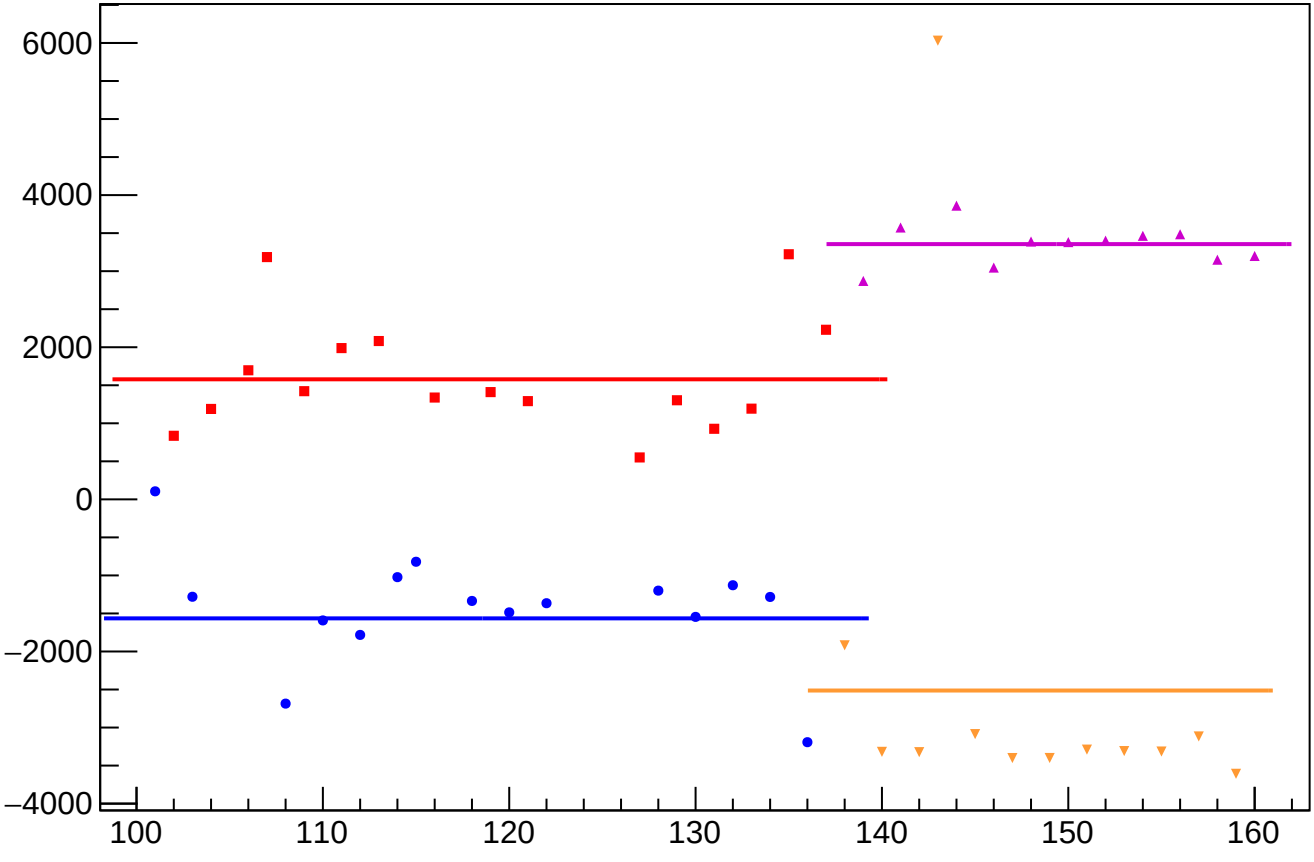
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

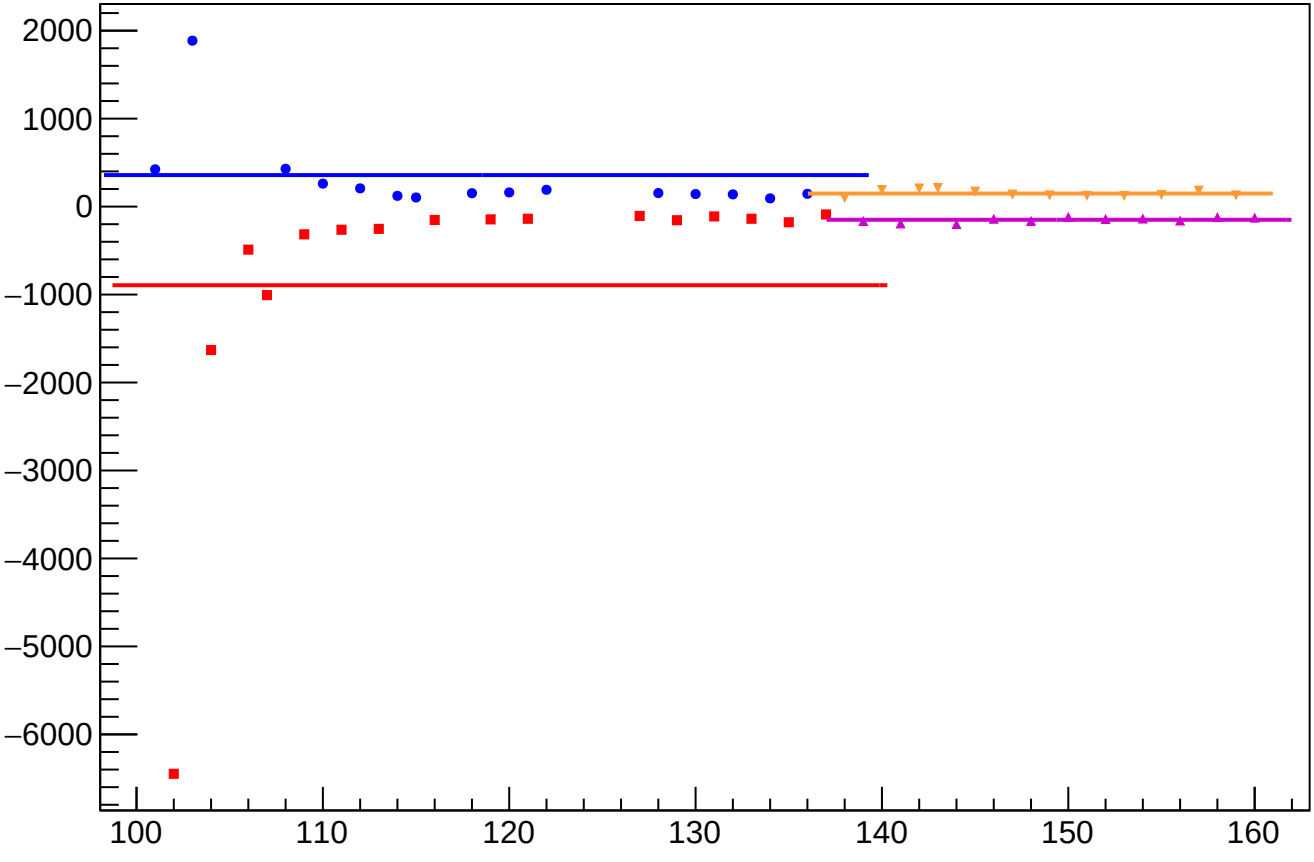
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl1_coil3_mean vs Slug, Sign Corrected



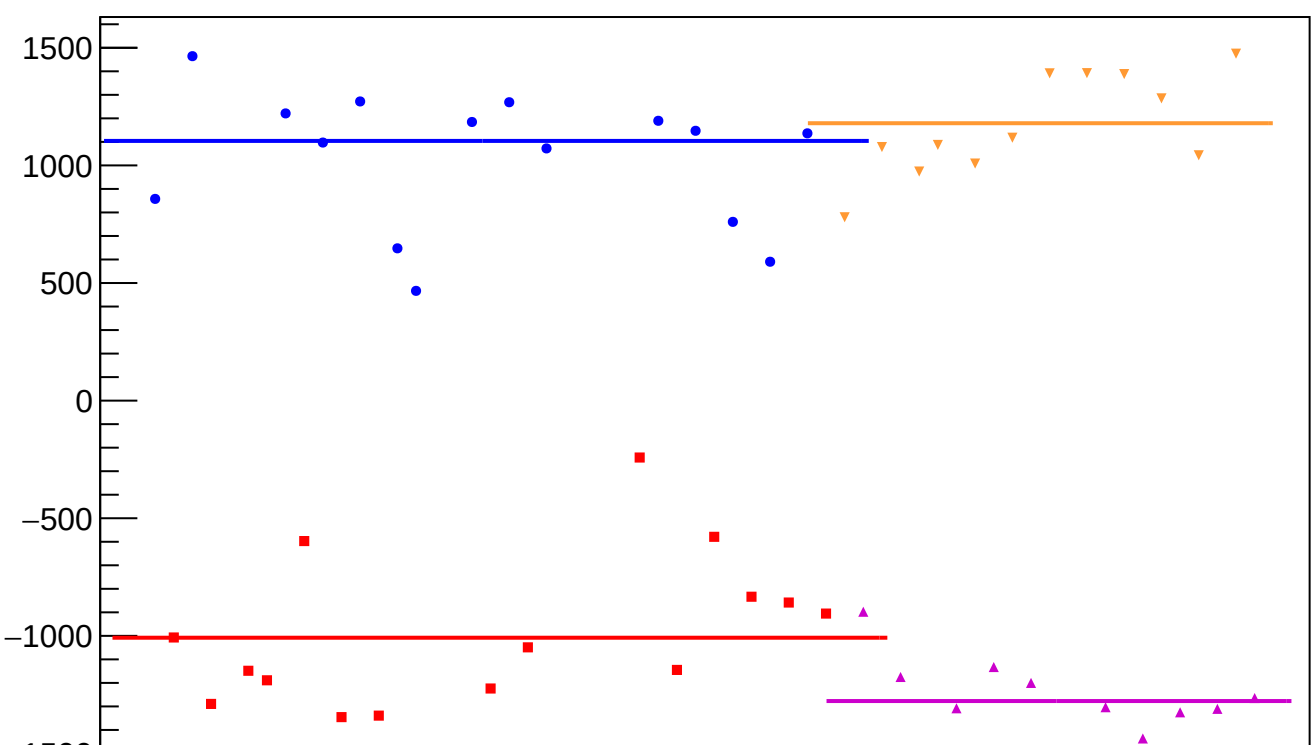
Left: 437.231+/-0.000 χ^2/NDF: 2131924326486959
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 5
Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
Out: -787.099+/-0.000 χ^2/NDF:122542710245159
Left In: 3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10
All: 266.599+/-0.000 χ^2/NDF: 25548755731

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.546+/-0.000 χ^2/NDF: 42591718488855068
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 148.359+/-0.000 χ^2/NDF:10902863317333660825812569708078039 04.0/11
In: 59.728+/-0.000 χ^2/NDF:25691507799210532
Right Out: -893.897+/-0.000 χ^2/NDF: 20759201557742010435726956567978039 05024.0/15
Out: -291.353+/-0.000 χ^2/NDF:249588983045036
Left In: -149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10
All: -116.258+/-0.000 χ^2/NDF: 28499930865

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

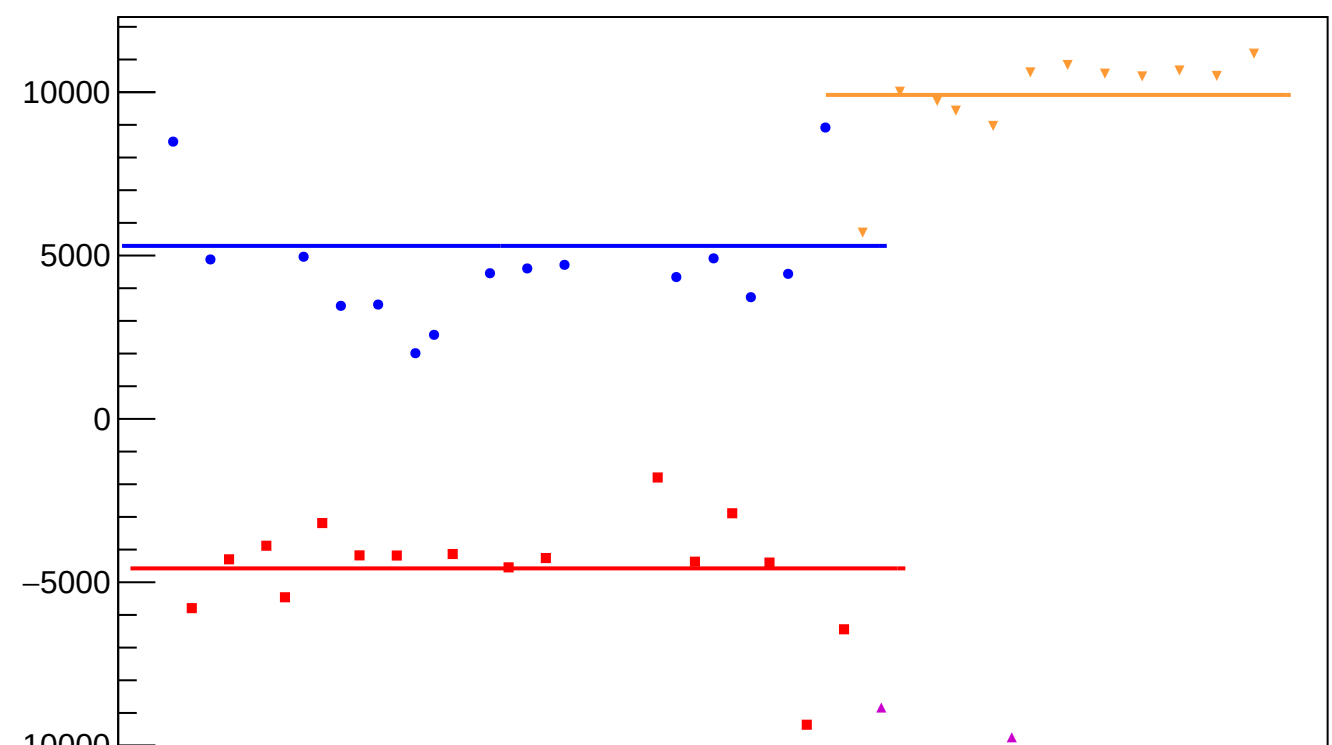
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl2_coil3_mean vs Slug, Sign Corrected



Left: -394.633+/-0.000 χ^2/NDF: 195607955774954

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

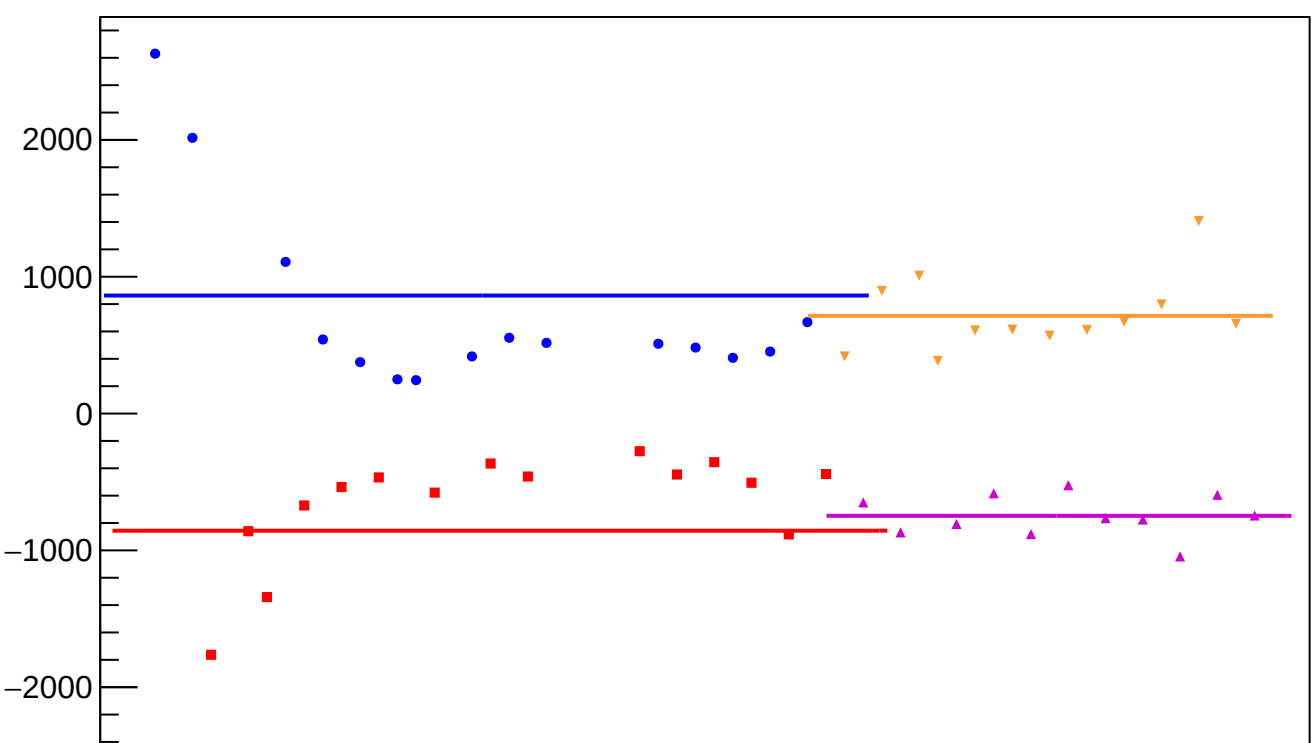
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Out: 3802.595+/-0.000 χ^2/NDF:846841188462188

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

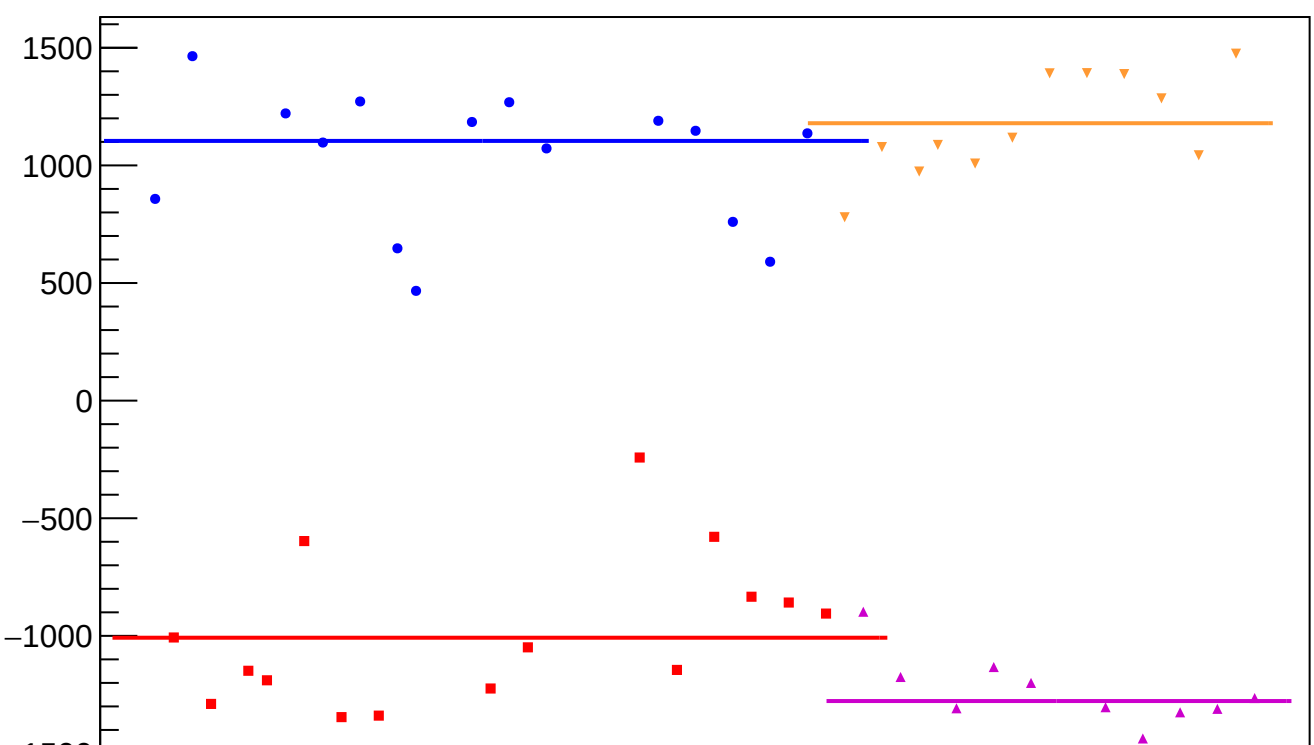
All: -107.886+/-0.000 χ^2/NDF: 23238819396

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Left: -20.503+/-0.000 χ^2/NDF: 1065064961511877
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11
In: -83.027+/-0.000 χ^2/NDF:13454995318402178
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: 51.744+/-0.000 χ^2/NDF:1341942923565859 5
Left In: -747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10
All: -15.471+/-0.000 χ^2/NDF: 270176391125

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

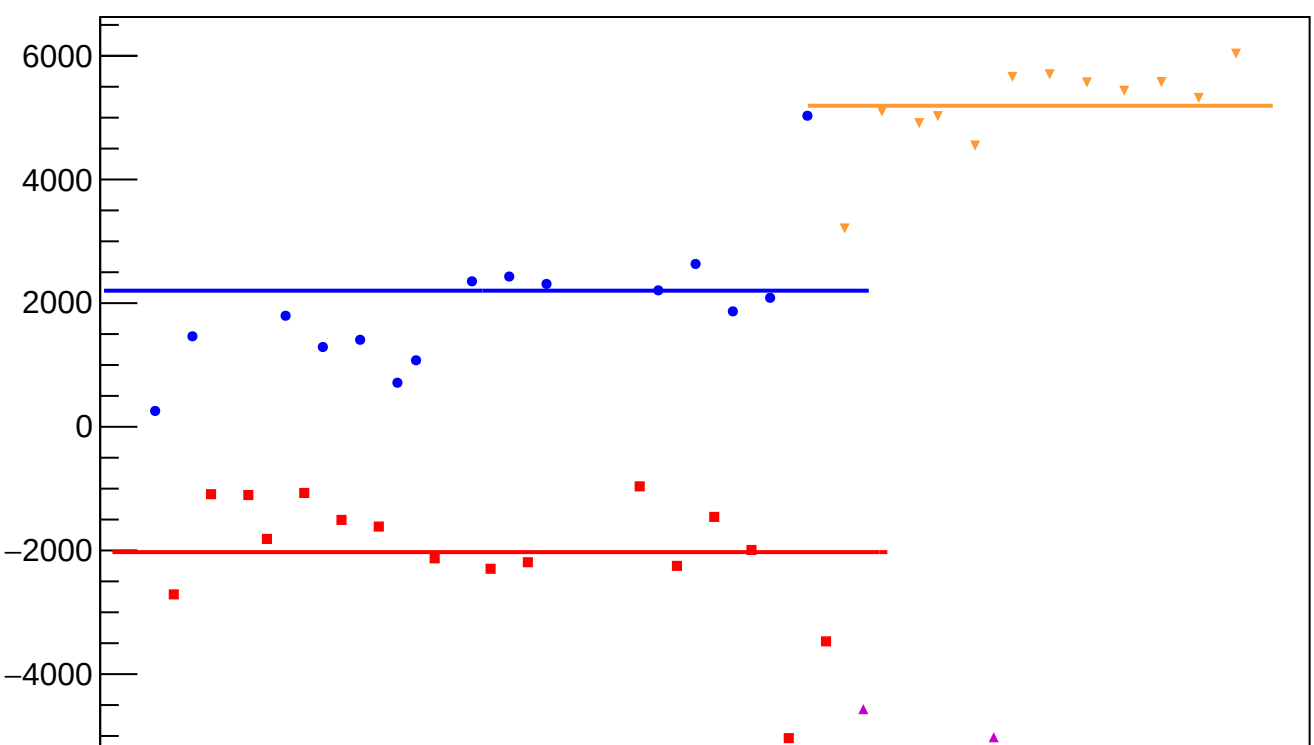
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

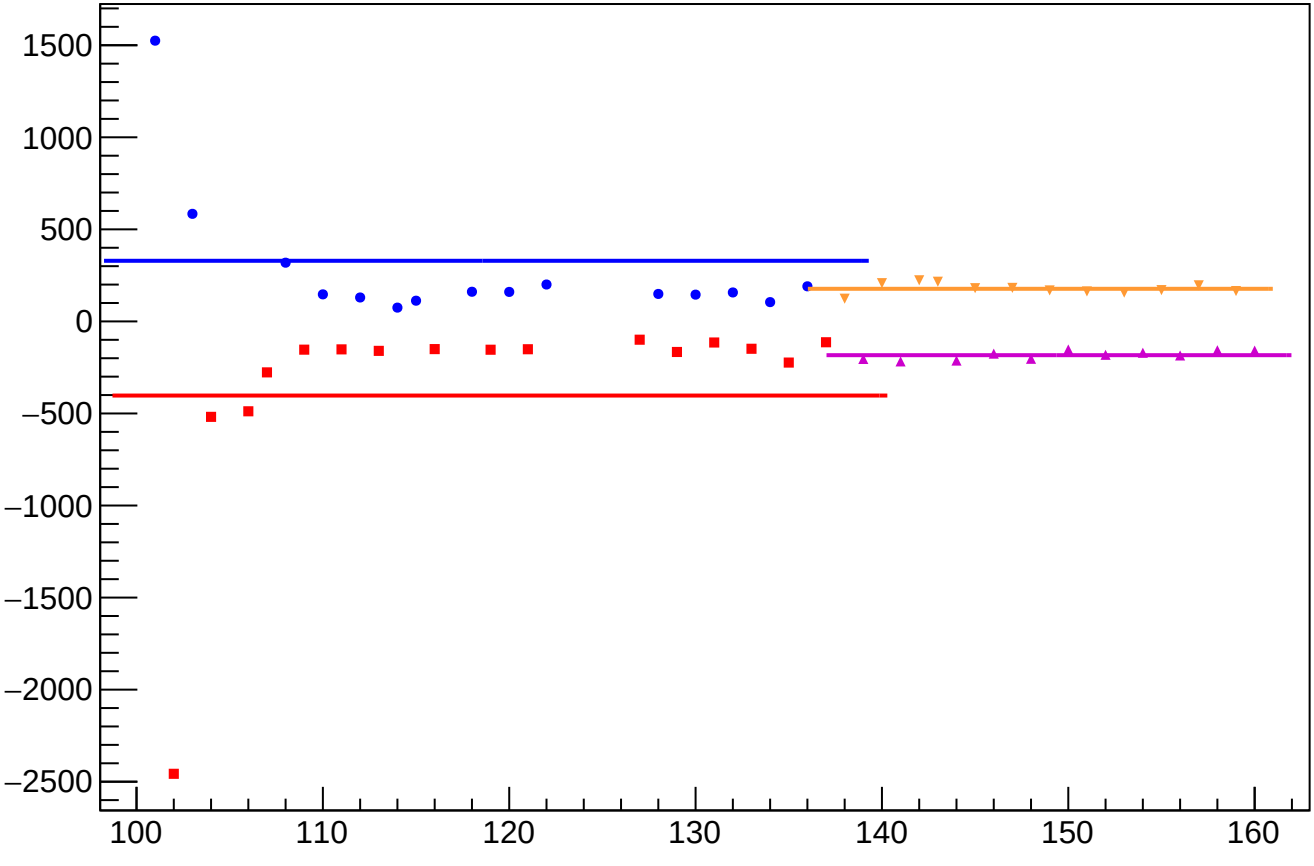
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -172.148+/-0.000 χ^2/NDF: 529181779614152
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11
In: -2309.812+/-0.000 χ^2/NDF:236998936360445
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 2146.701+/-0.000 χ^2/NDF:212767096674295
Left In: -5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10
All: -75.903+/-0.000 χ^2/NDF: 606365125250

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.136+/-0.000 χ^2/NDF: 60775791706189373

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

In: 28.098+/-0.000 χ^2/NDF:203925218655573400

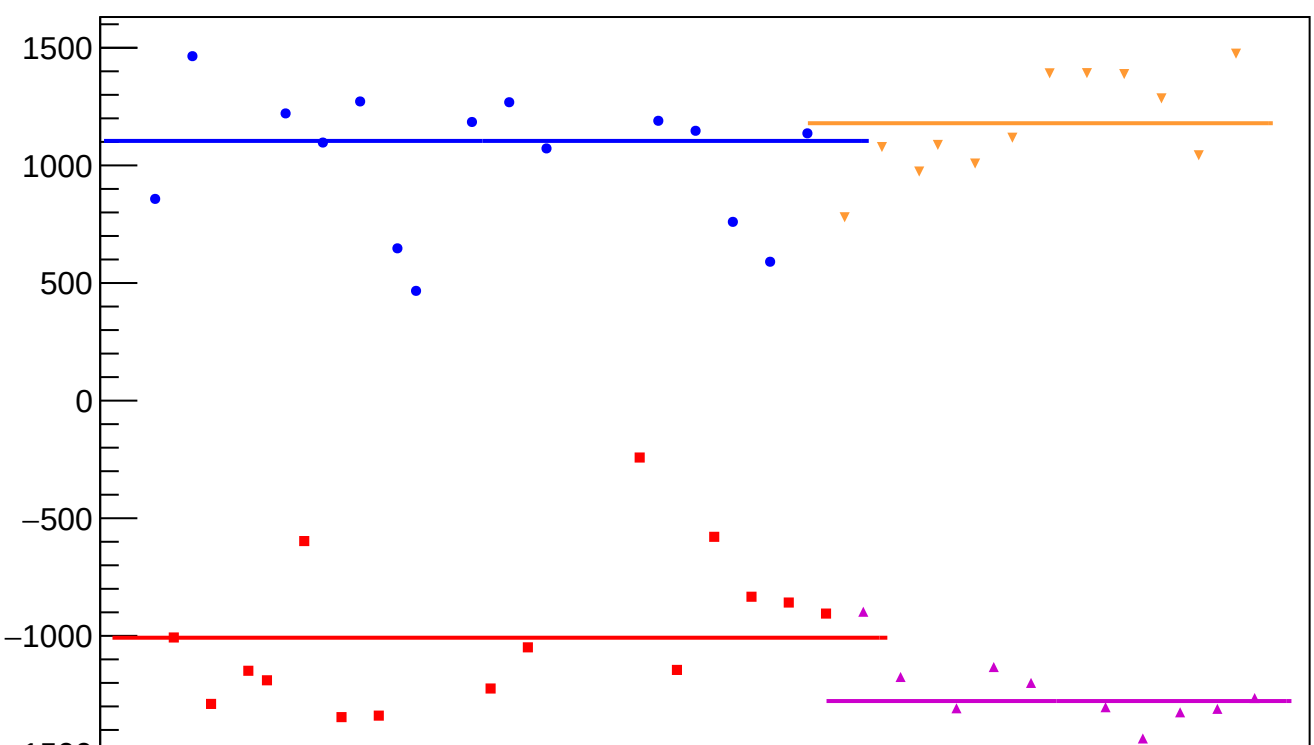
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -67.504+/-0.000 χ^2/NDF:4078634459098727

Left In: -183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

All: -19.824+/-0.000 χ^2/NDF: 618995356861

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

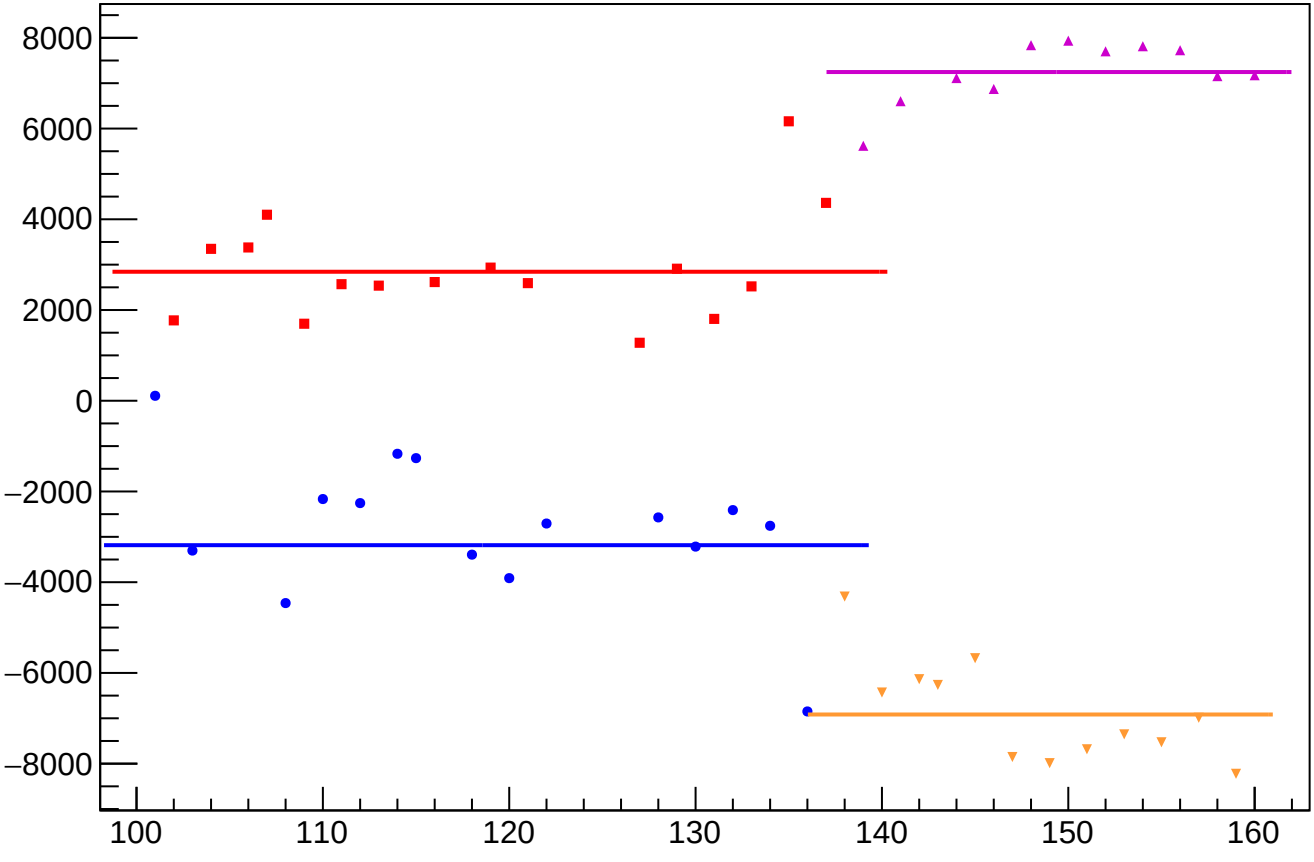
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: 203.352+/-0.000 χ^2/NDF: 9367664182142015

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11

In: 2942.696+/-0.000 χ^2/NDF:440076230139336

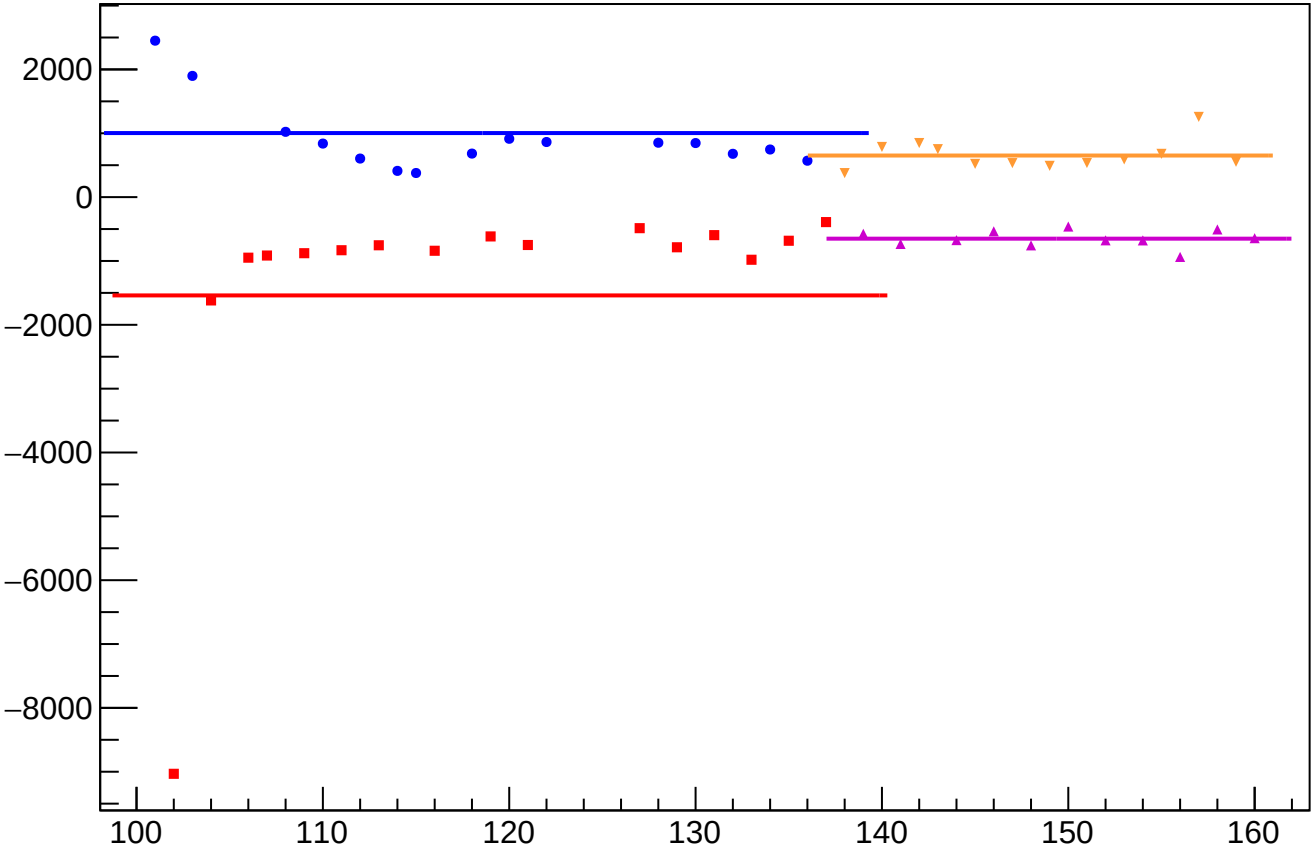
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2798.729+/-0.000 χ^2/NDF:38794467171221

Left In: 7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

All: 64.702+/-0.000 χ^2/NDF: 1087940046919

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: -3.137+/-0.000 χ^2/NDF: 83969979485831992

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11

In: 31.723+/-0.000 χ^2/NDF:12777531753239734 2

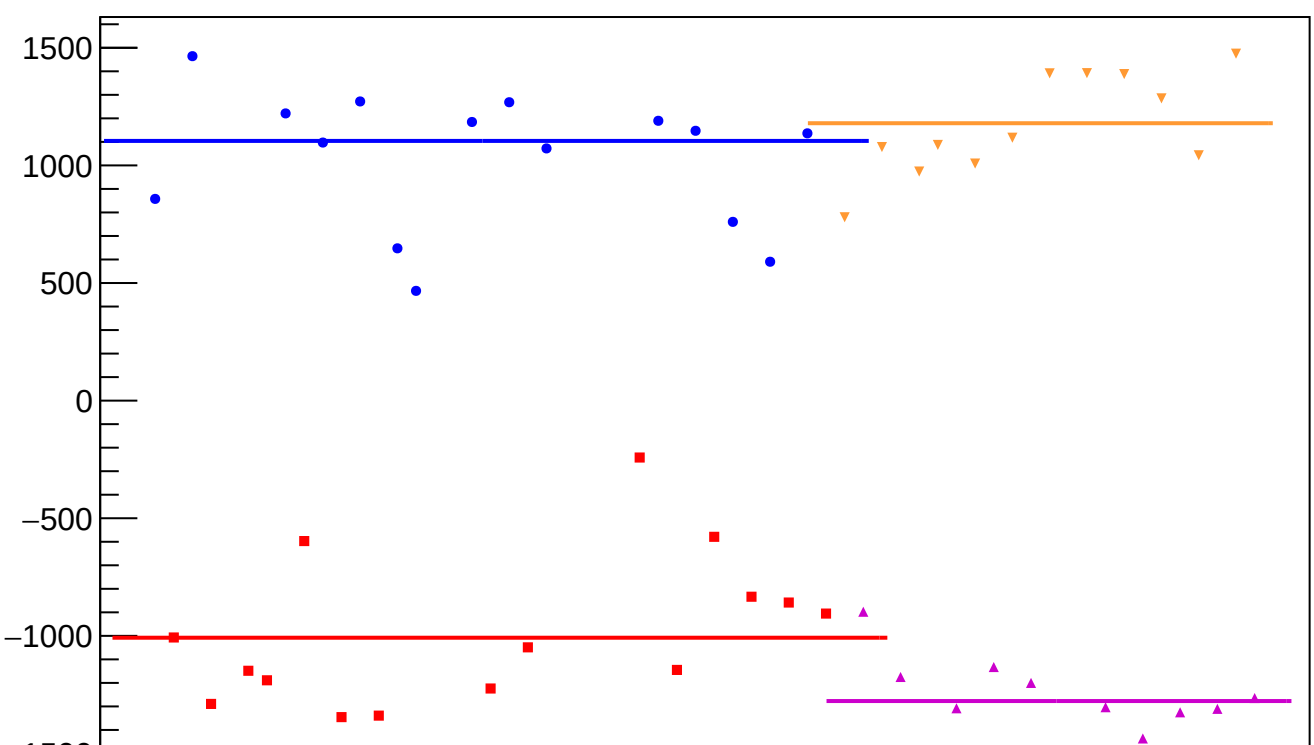
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -272.831+/-0.000 χ^2/NDF:551168647234999

Left In: -650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

All: -120.940+/-0.000 χ^2/NDF: 68625749232

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

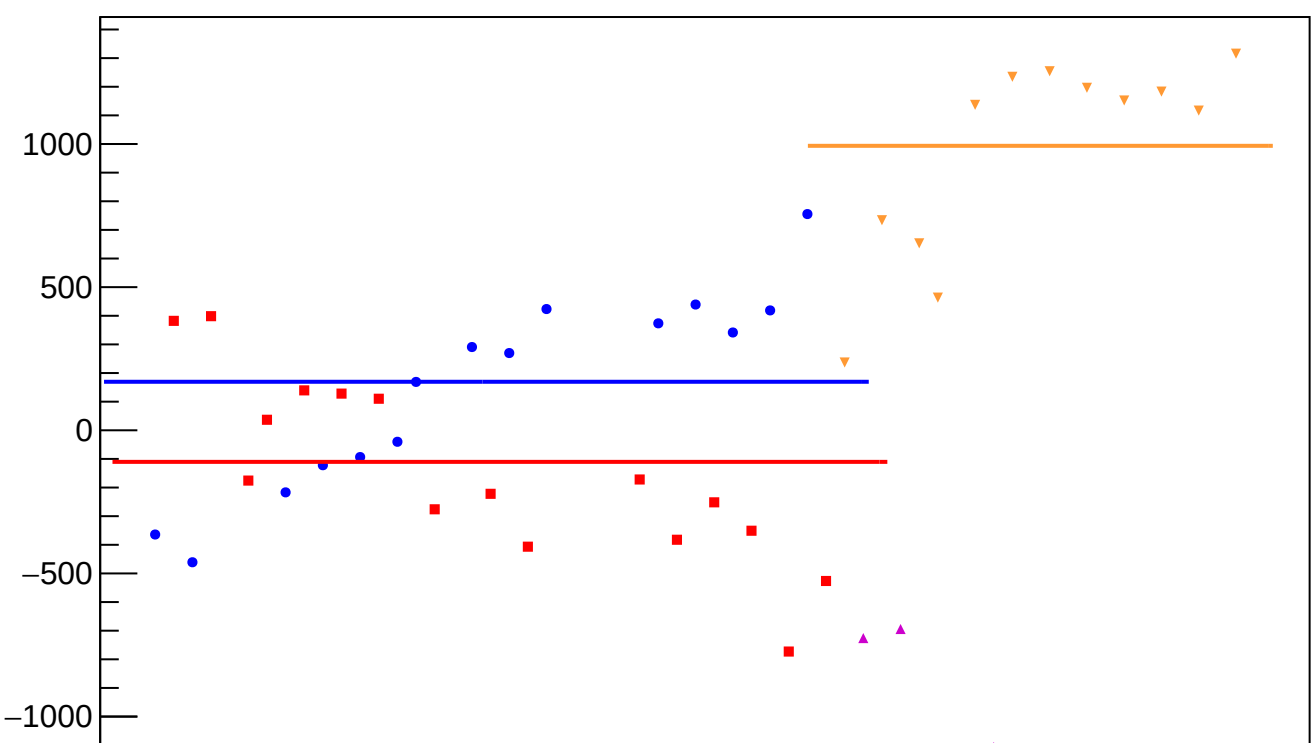
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -63.985+/-0.000 χ^2/NDF: 2171788673126913

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 192954558913151 3

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

In: -582.219+/-0.000 χ^2/NDF:7538236455803364

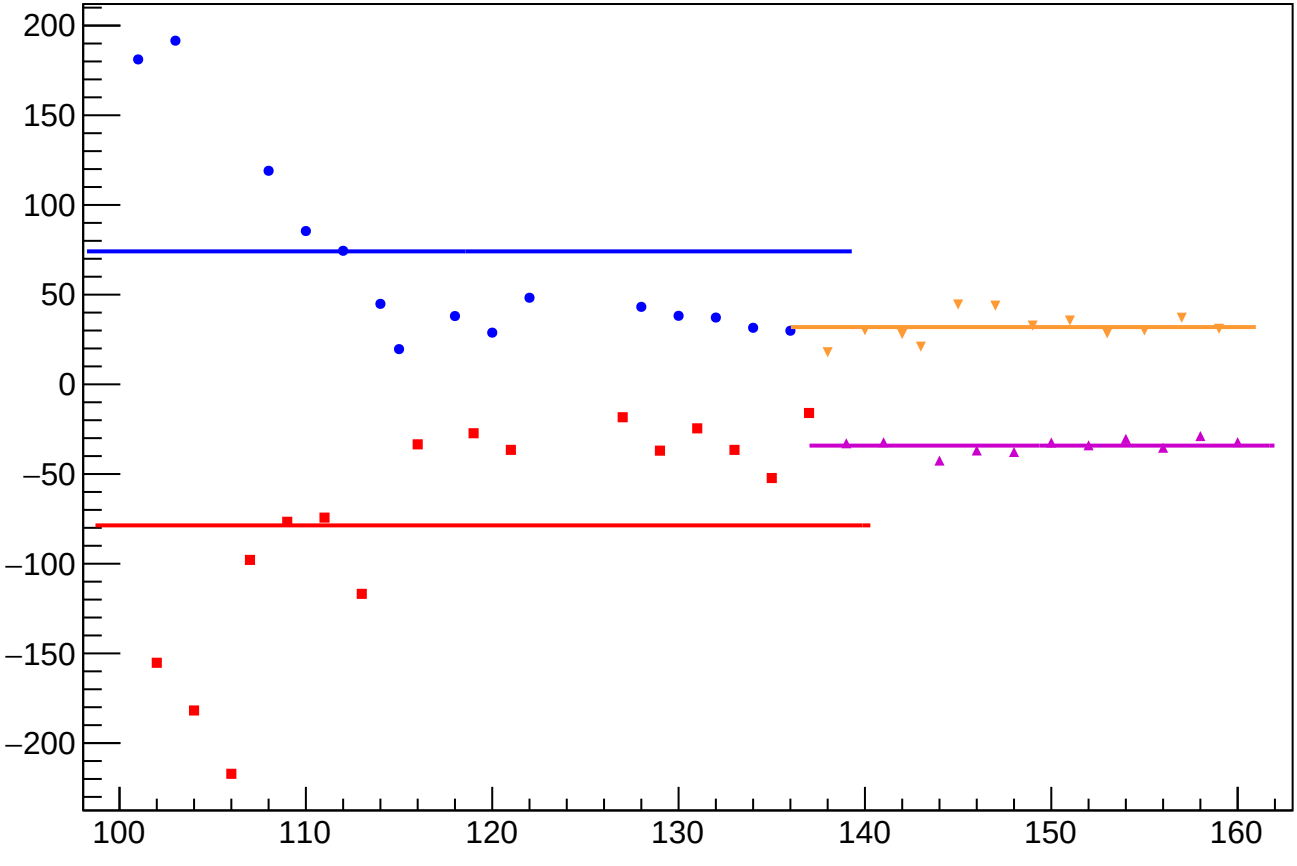
Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

Out: 527.933+/-0.000 χ^2/NDF:645595104234672 9

Left In: -1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

All: -25.735+/-0.000 χ^2/NDF: 23711880773 7

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.301+/-0.000 χ^2/NDF: 20709383858678459

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

In: 10.520+/-0.000 χ^2/NDF:66512492434564945 7

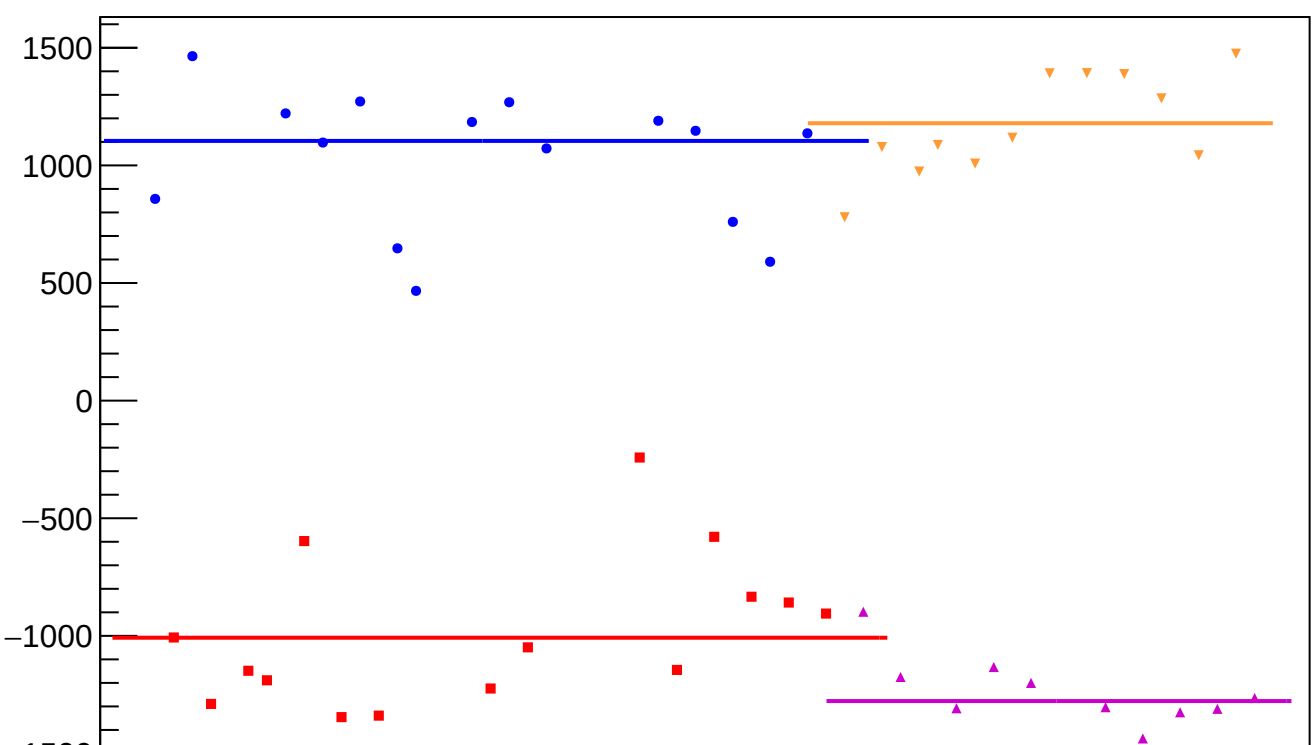
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -14.723+/-0.000 χ^2/NDF:7108066763798732

Left In: -34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

All: -2.134+/-0.000 χ^2/NDF: 1426173775487

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

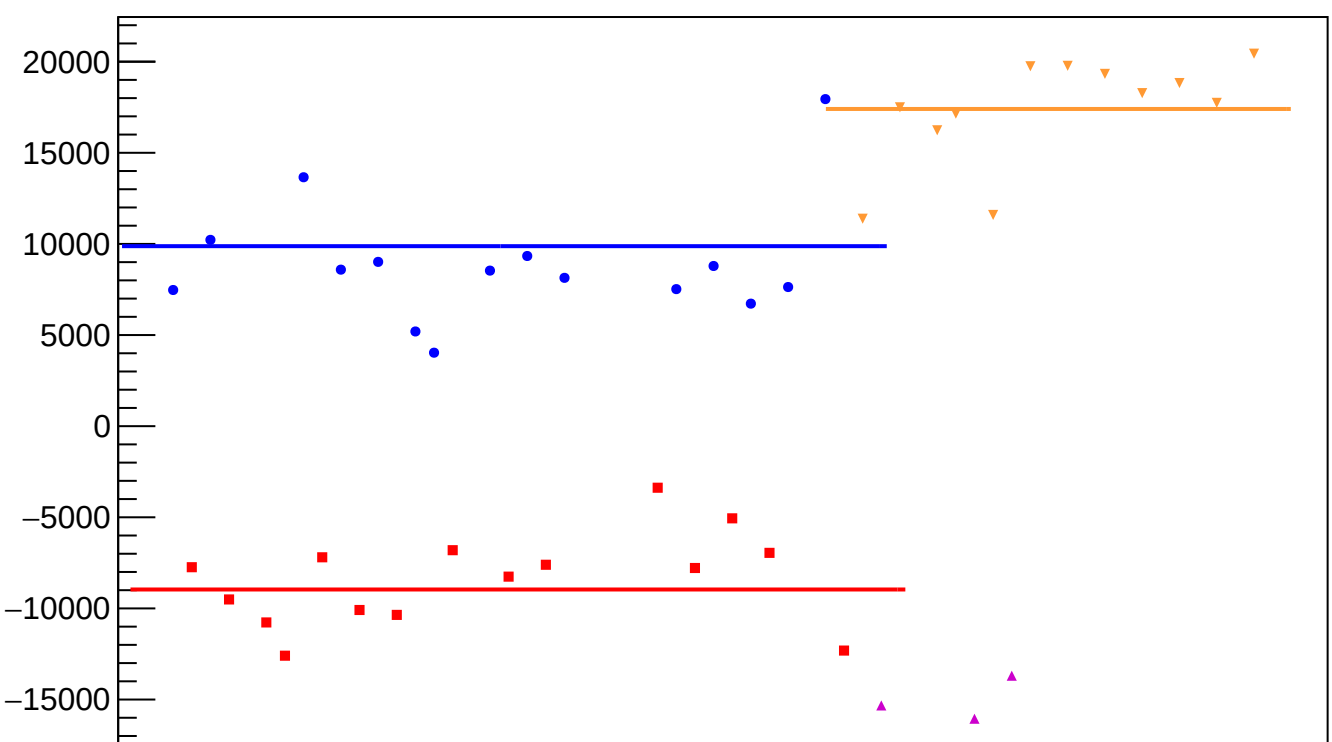
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam2_coil3_mean vs Slug, Sign Corrected



Left: -374.952+/-0.000 χ^2/NDF: 586010235145189

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17405.049+/-0.000 χ^2/NDF:76898016710993787915445454221756648652 80.0/11

In: -6476.484+/-0.000 χ^2/NDF:307506960113677

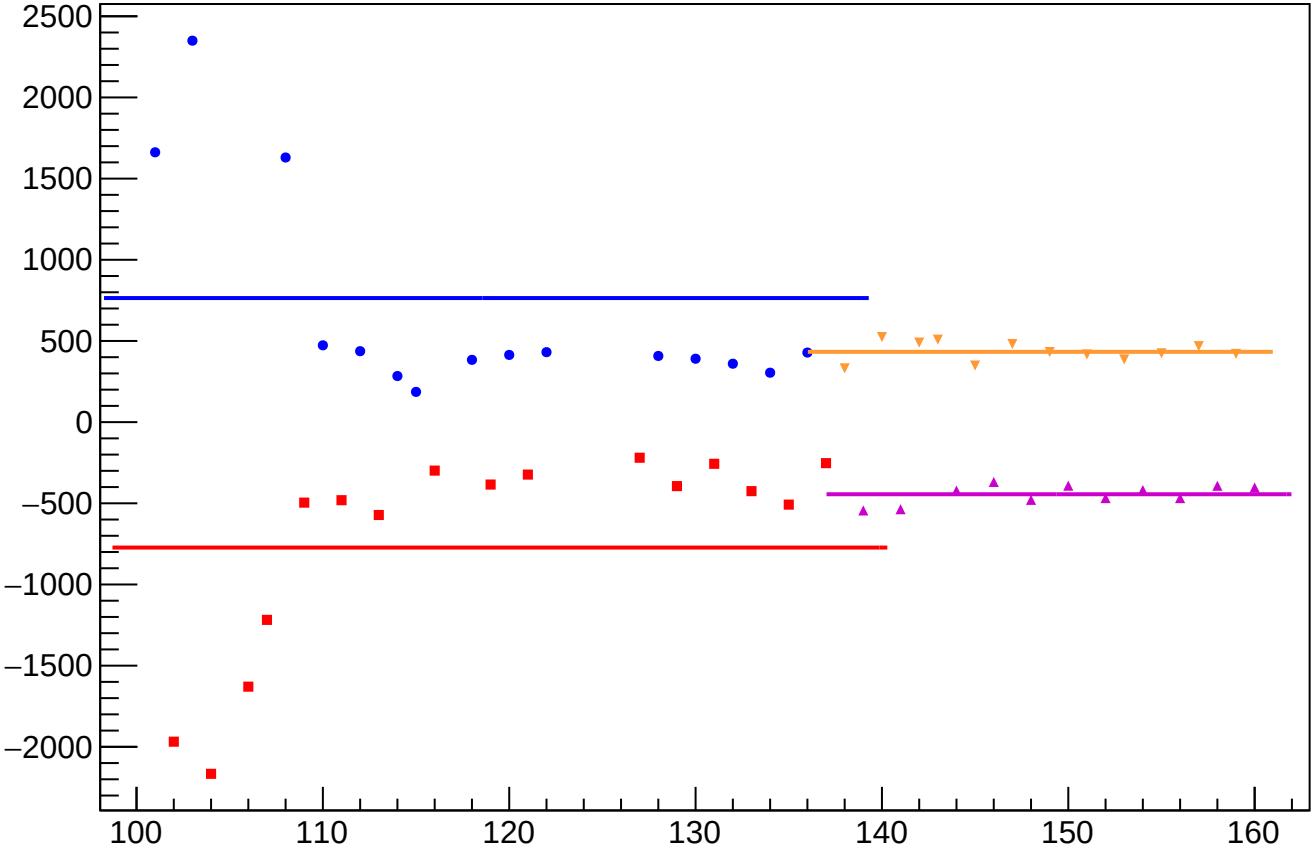
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 6281.362+/-0.000 χ^2/NDF:283344504403014

Left In: -17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

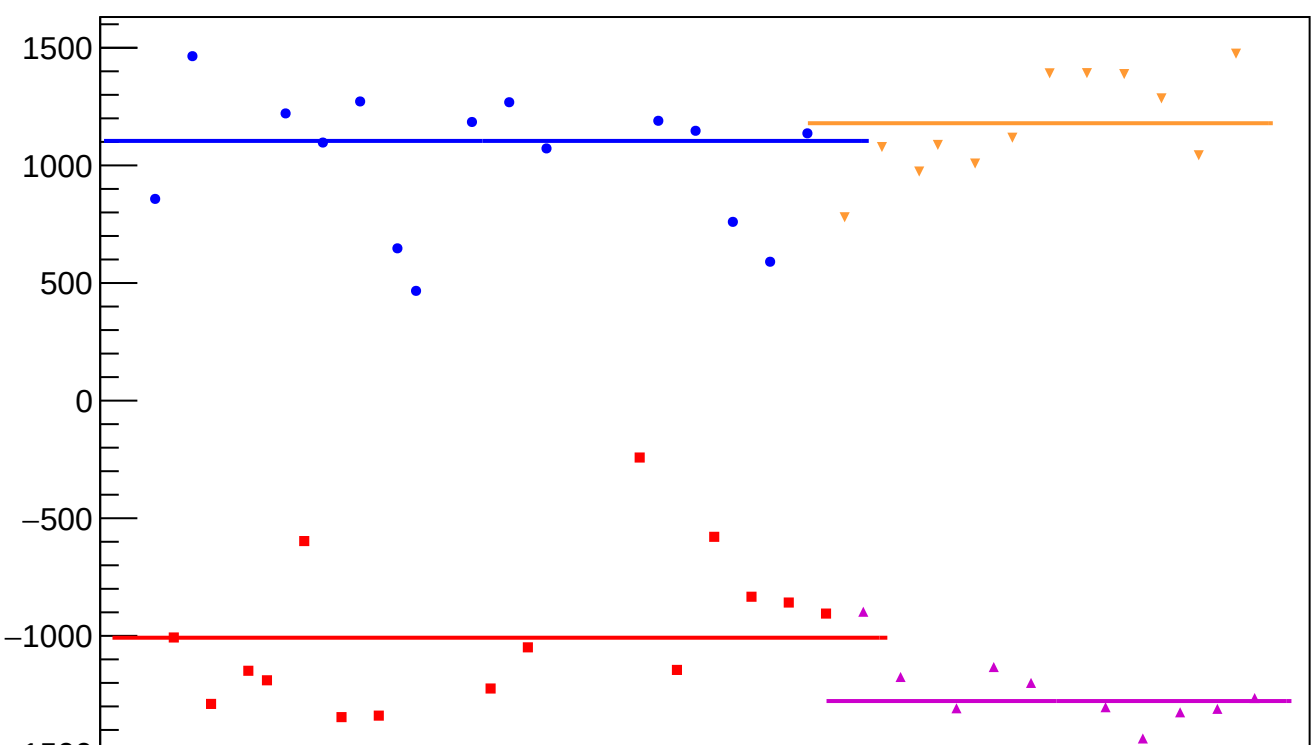
All: -81.381+/-0.000 χ^2/NDF: 719188962323

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -7.970+/-0.000 χ^2/NDF: 35964203749323128
Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11
In: 54.379+/-0.000 χ^2/NDF:85067486853551882 4
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -75.557+/-0.000 χ^2/NDF:8494595605470363
Left In: -444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124172 8.0/10
All: -10.754+/-0.000 χ^2/NDF: 171344684046

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

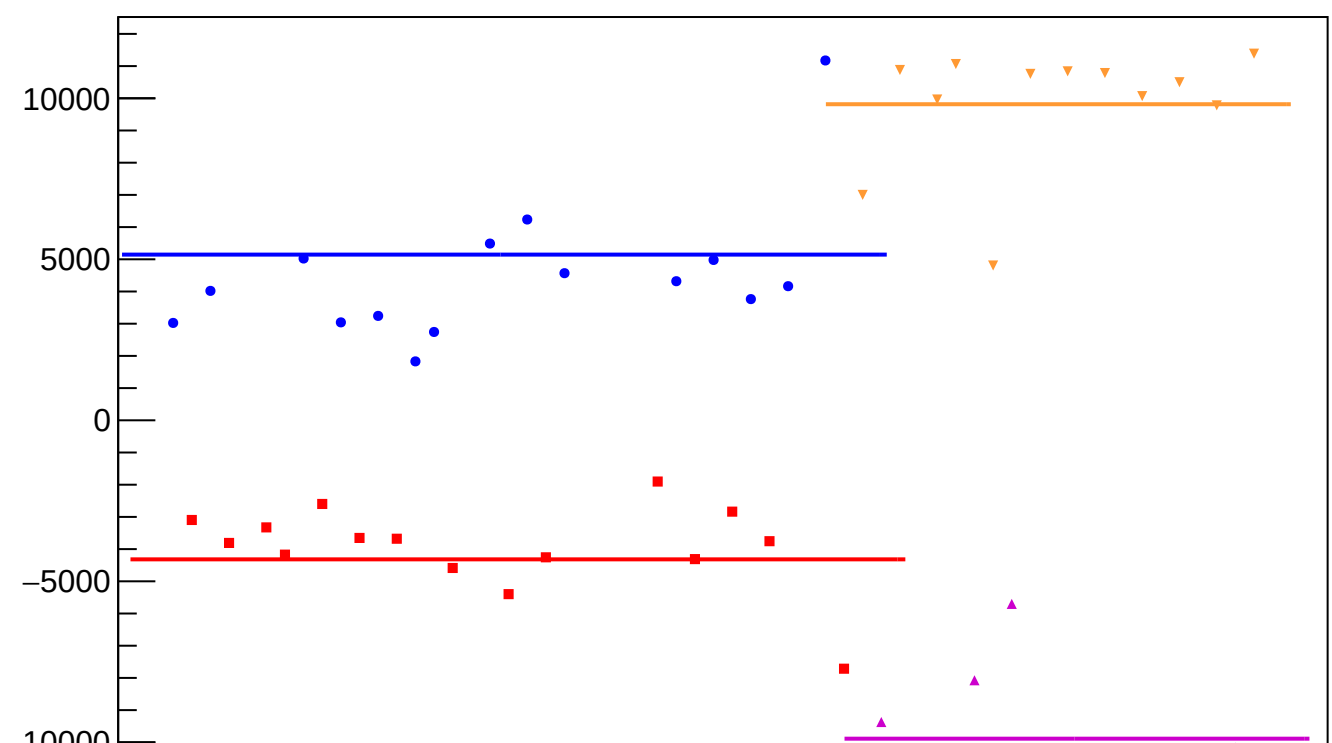
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: -89.265+/-0.000 χ^2/NDF: 1838935043265731

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

In: -3684.756+/-0.000 χ^2/NDF:927030037862326

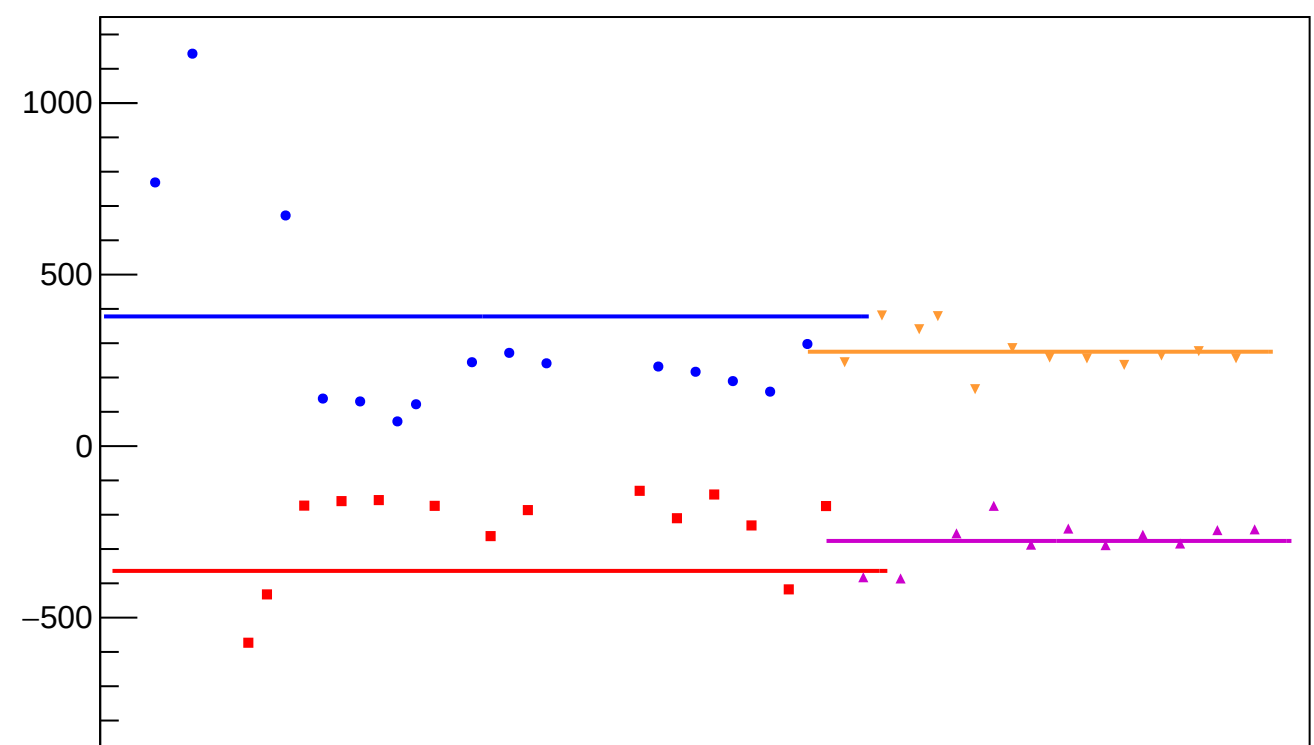
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

Out: 3852.873+/-0.000 χ^2/NDF:836176493055076

Left In: -9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734771 2.0/10

All: 93.618+/-0.000 χ^2/NDF: 2211196592737

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: -2.125+/-0.000 χ^2/NDF: 14605036869185649

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 275.181+/-0.000 χ^2/NDF:30639739248384837526480238564951982 08.0/11

In: -6.399+/-0.000 χ^2/NDF:22799172790938067 0

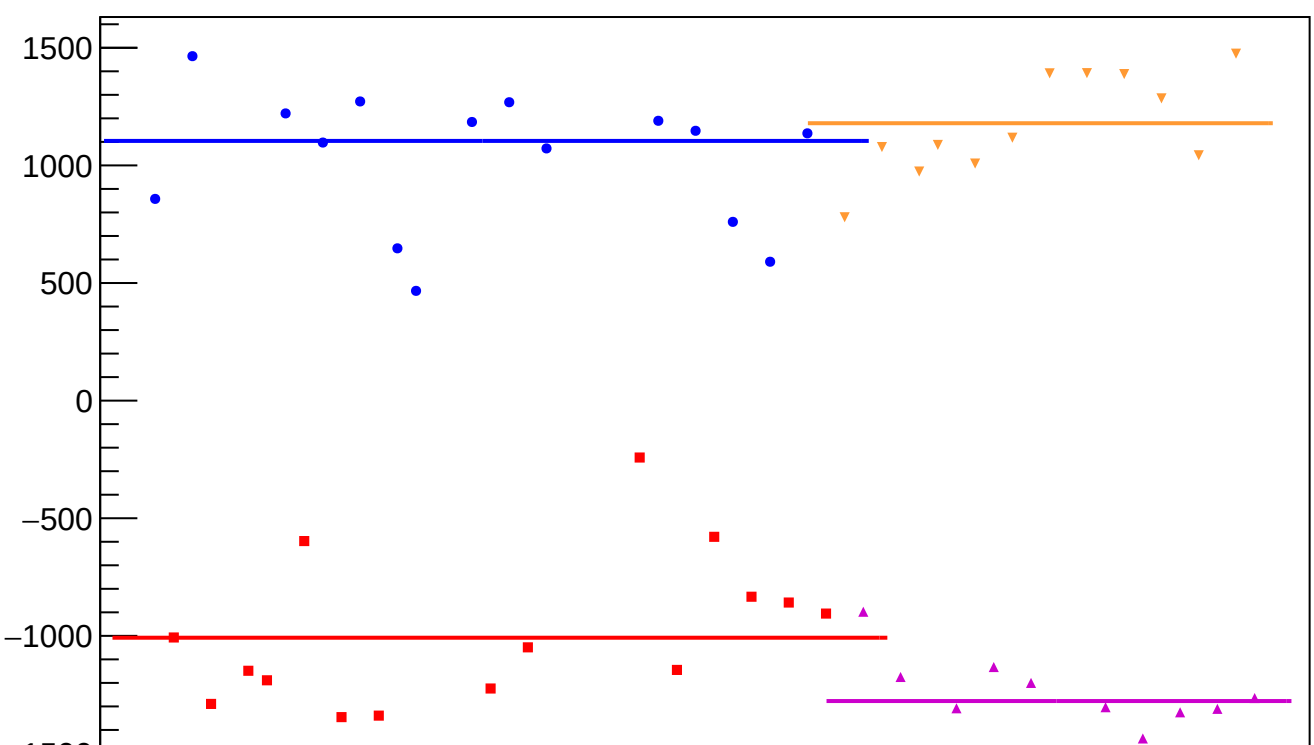
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: 5.616+/-0.000 χ^2/NDF:21952216327772997 4

Left In: -276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

All: -0.376+/-0.000 χ^2/NDF: 4476277184699

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

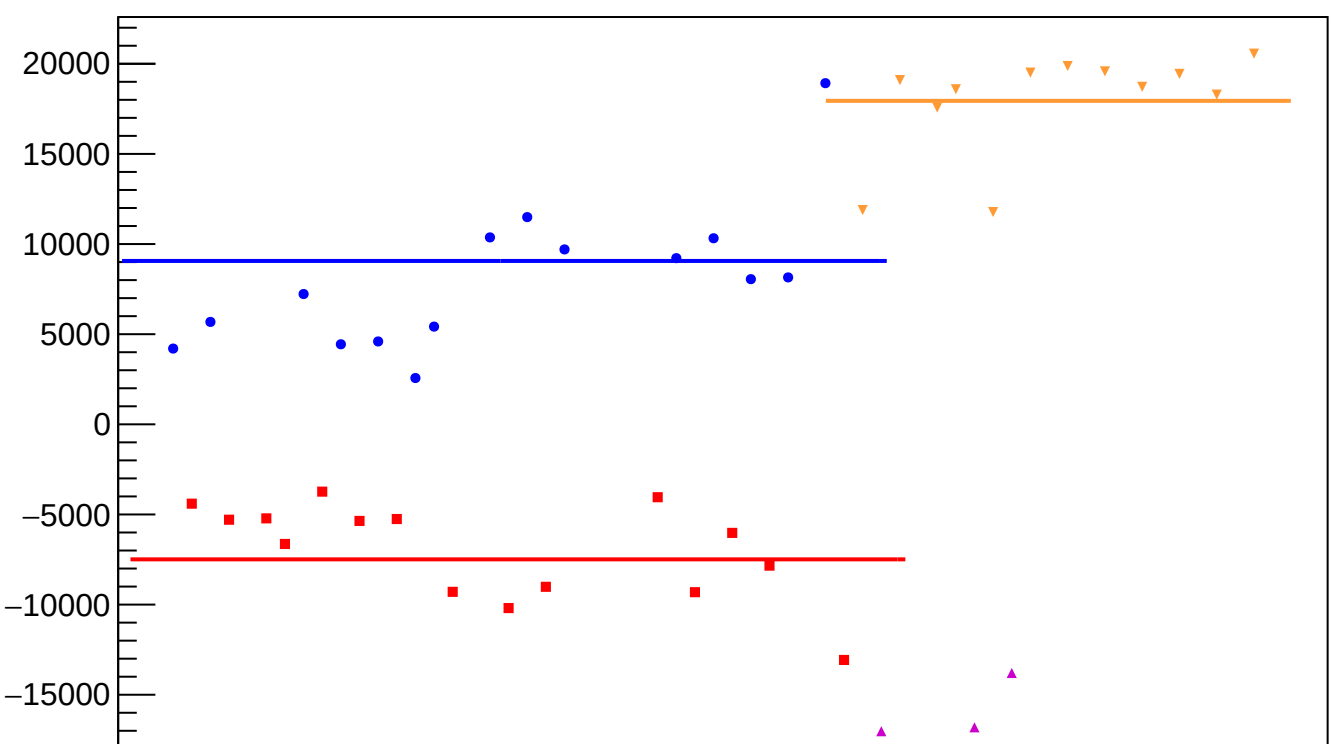
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

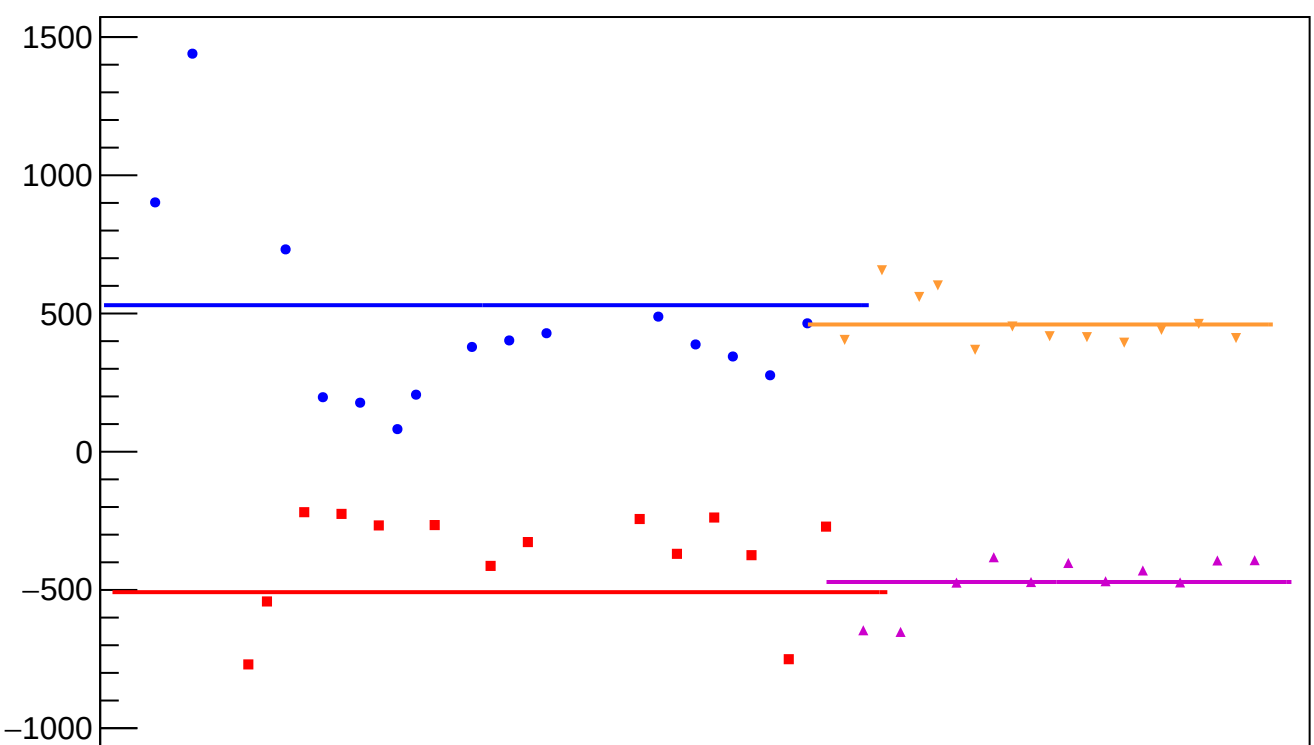
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam4_coil3_mean vs Slug, Sign Corrected



Left: -415.014+/-0.000 χ^2/NDF: 623613646313618
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 7213.447+/-0.000 χ^2/NDF:267017454267877
Left In: -18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10
All: 38.990+/-0.000 χ^2/NDF: 7383790559071

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: -7.988+/-0.000 χ^2/NDF: 41292053384474531

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

In: -58.105+/-0.000 χ^2/NDF:46840539671479809

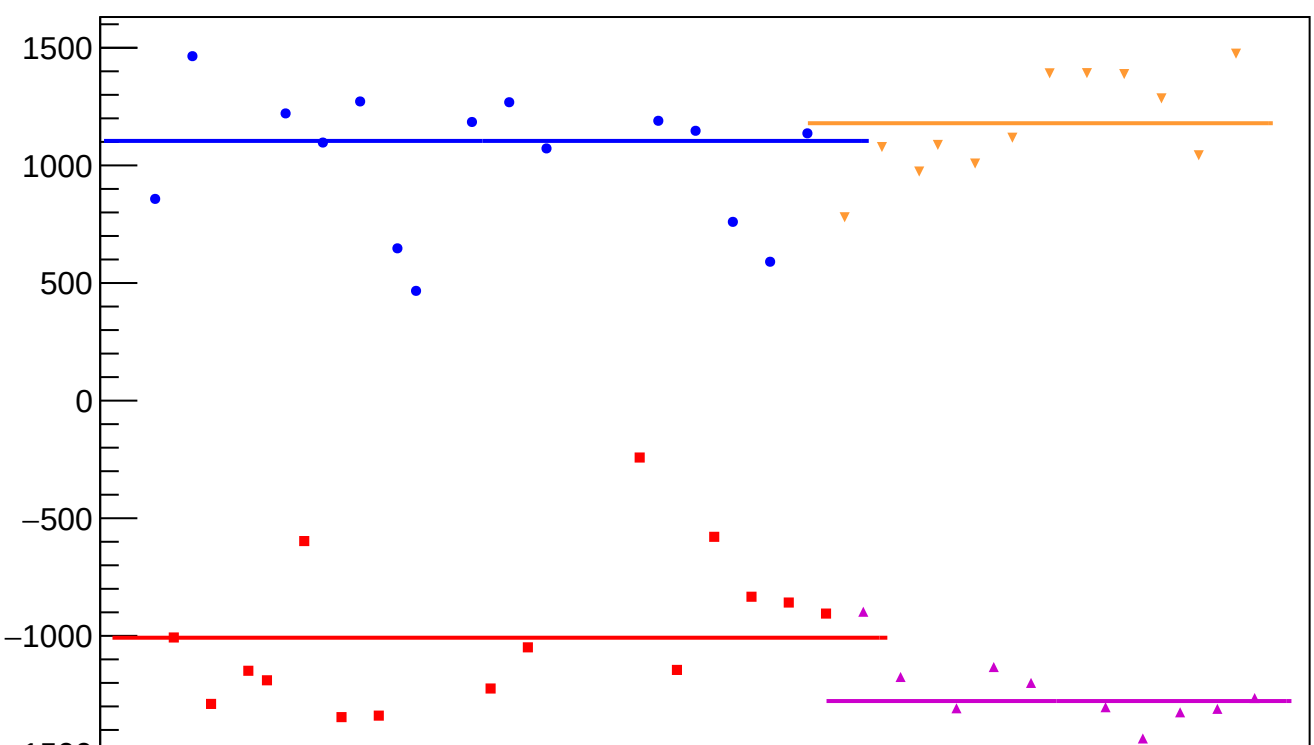
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

Out: 51.802+/-0.000 χ^2/NDF:44498677720954542

Left In: -471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

All: -3.012+/-0.000 χ^2/NDF: 9229168077860

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

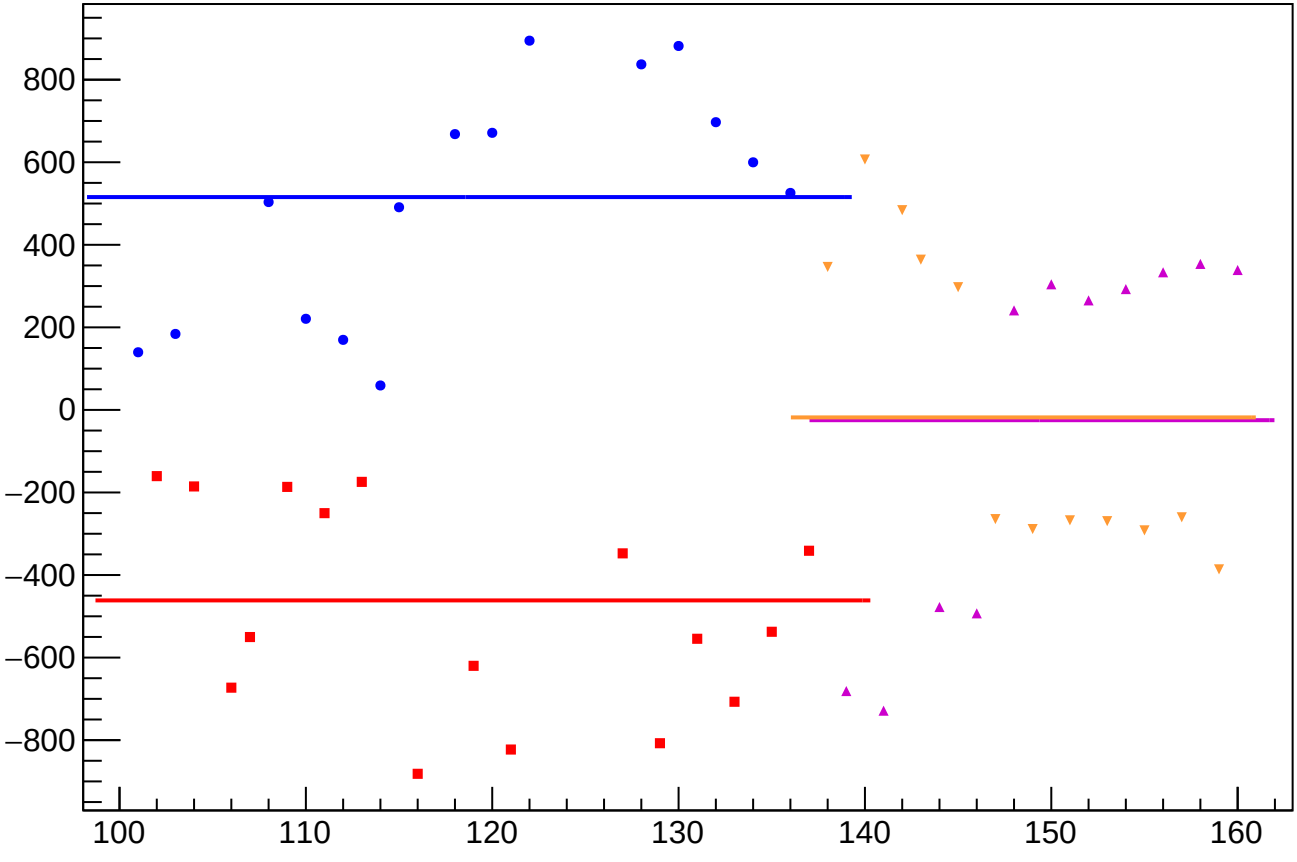
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

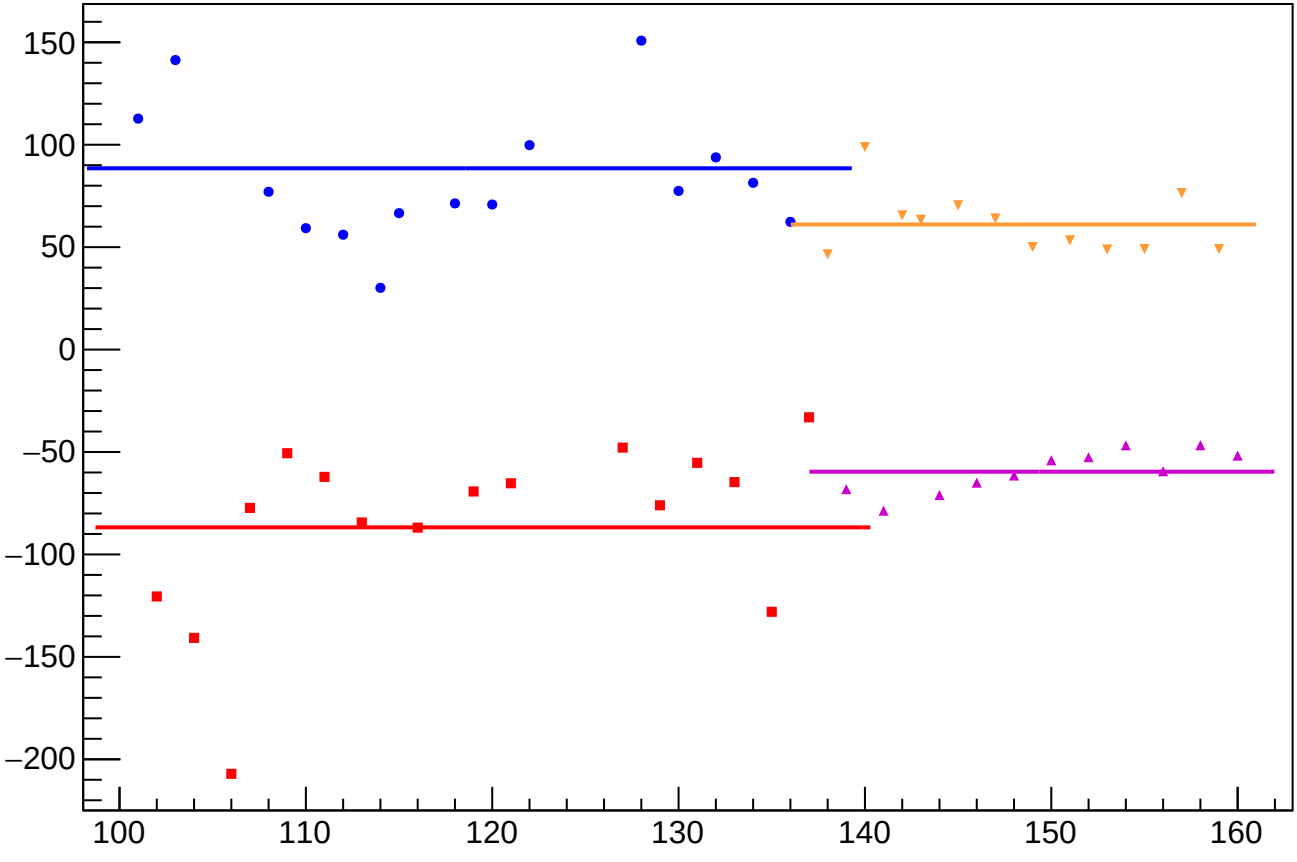
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -21.540+/-0.000 χ^2/NDF: 2912056569899347
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
Out: -205.189+/-0.000 χ^2/NDF:230282610229259
Left In: -24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10
All: -4.046+/-0.000 χ^2/NDF: 6955593653745

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: 0.403+/-0.000 χ^2/NDF: 699320951326261037

Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666

Left Out: 61.067+/-0.000 χ^2/NDF:211507080213048507647331077961285632.0/11

In: 1.499+/-0.000 χ^2/NDF:909555293268762402

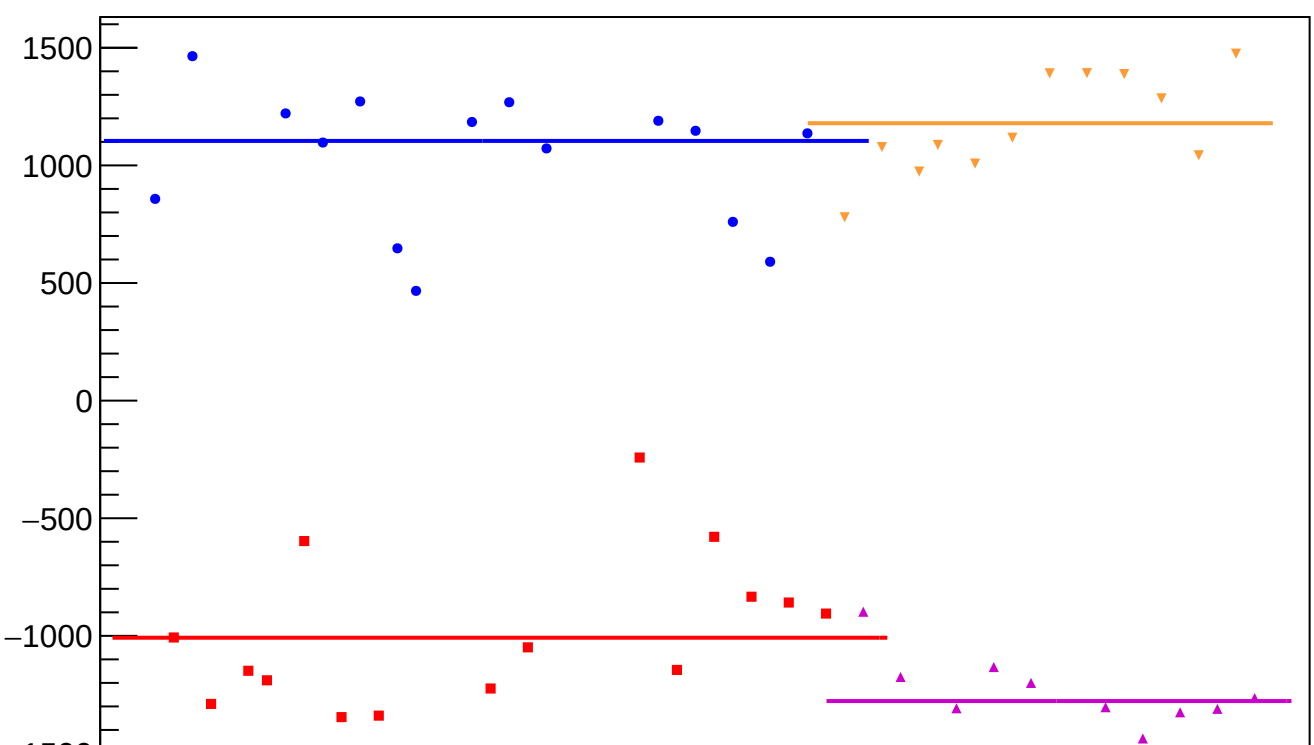
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

Out: -1.305+/-0.000 χ^2/NDF:96987555251915958

Left In: -59.604+/-0.000 χ^2/NDF:908626251819856643753234631680327 68.0/10

All: 0.094+/-0.000 χ^2/NDF: 1880050537184

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

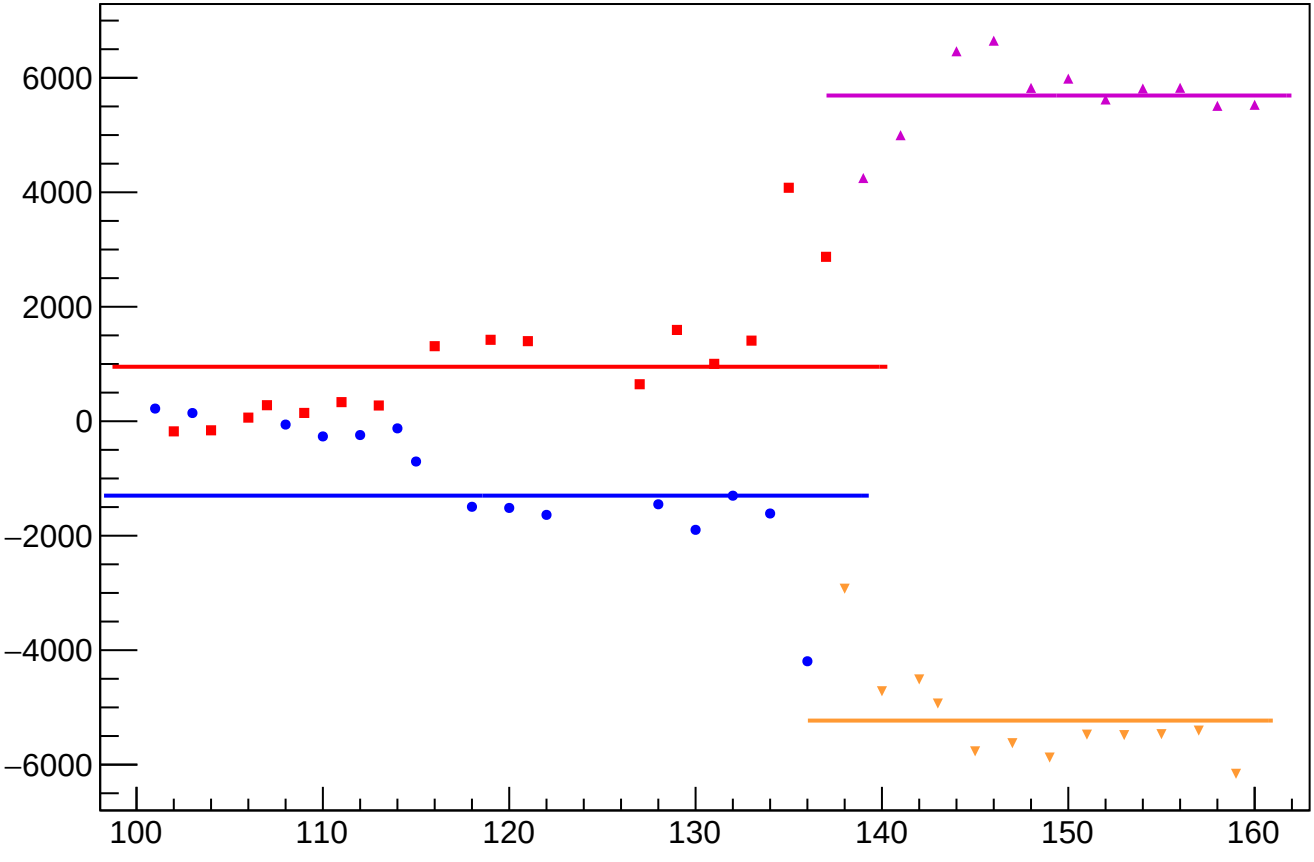
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 260.098+/-0.000 χ^2/NDF: 5578029245557142

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14

Right: -158.600+/-0.000 χ^2/NDF: 37088904648604

Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11

In: 2806.606+/-0.000 χ^2/NDF:201868973591481 4

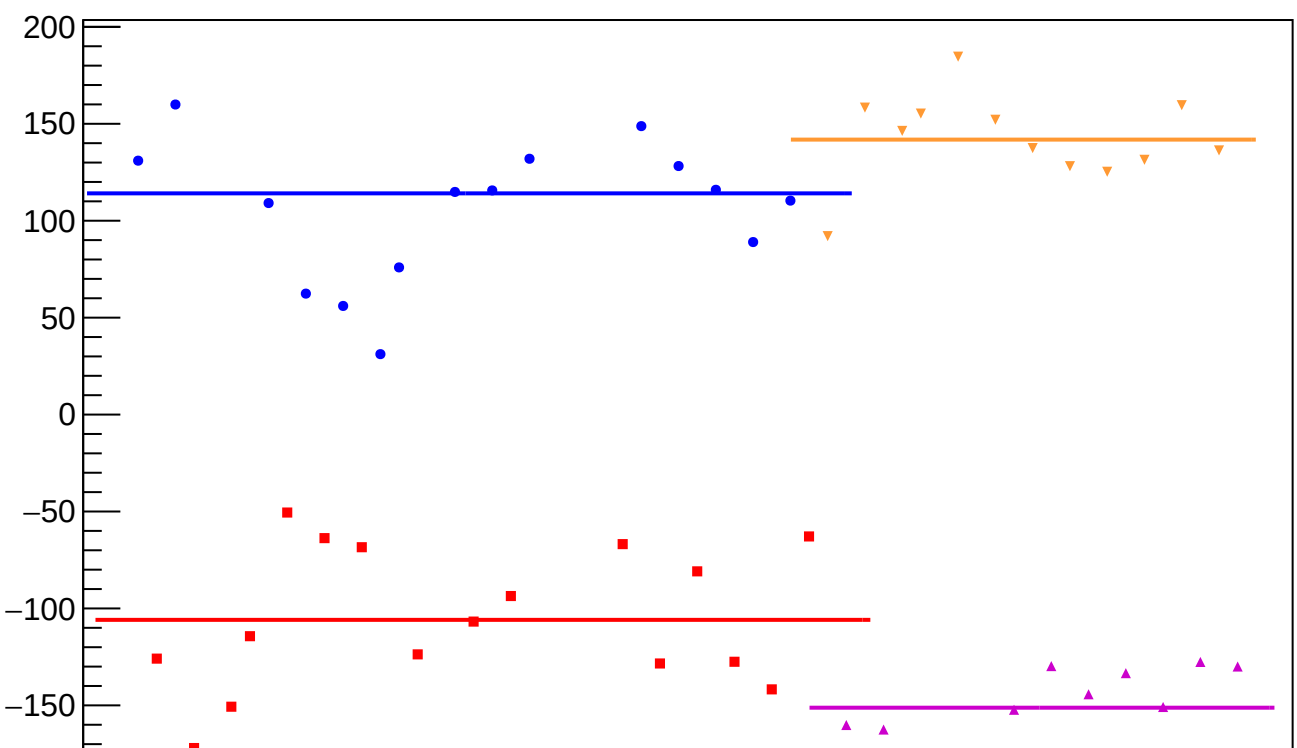
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

Out: -2622.043+/-0.000 χ^2/NDF:1619959994130 3

Left In: 5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

All: 85.397+/-0.000 χ^2/NDF: 5962362698239

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -5.477+/-0.000 χ^2/NDF: 40296557348706998

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

In: -41.735+/-0.000 χ^2/NDF:27826261181651348

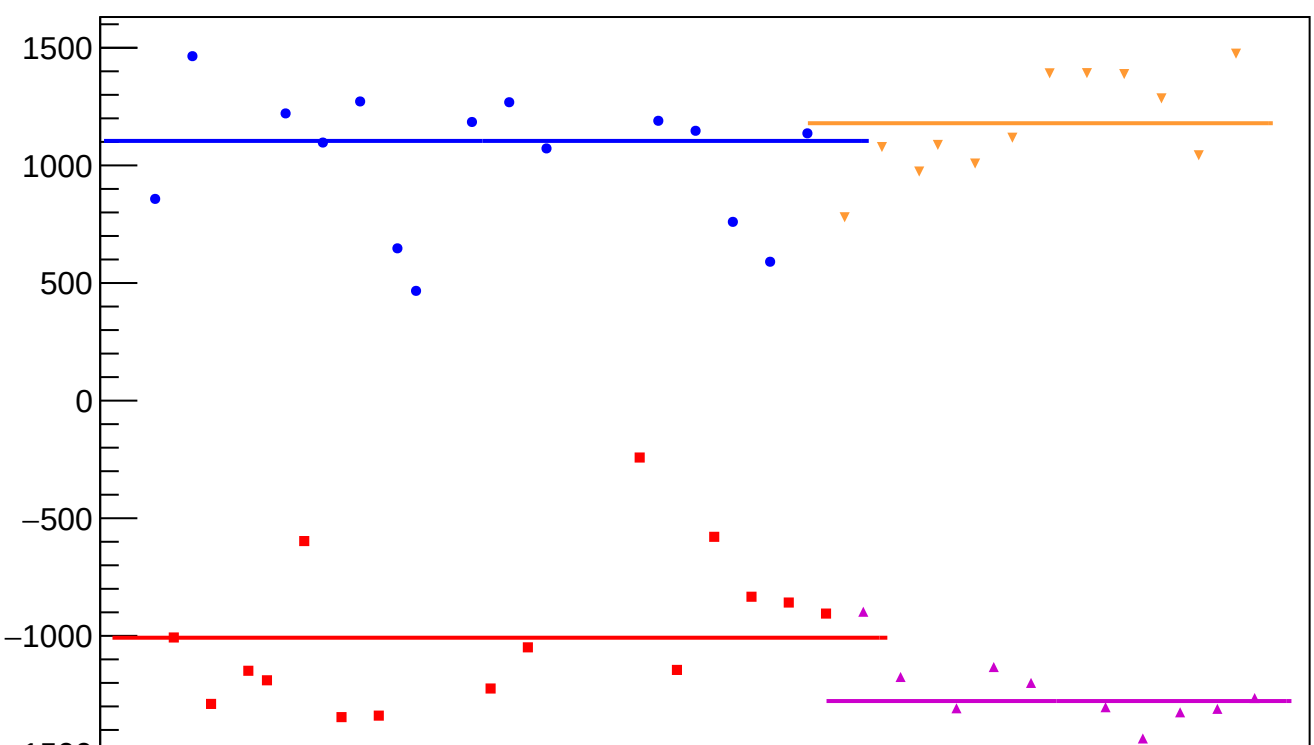
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 37.329+/-0.000 χ^2/NDF:24972280425229792

Left In: -151.203+/-0.000 χ^2/NDF:38222765260499933757743154978409676 8.0/10

All: -2.103+/-0.000 χ^2/NDF: 5772748991096

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

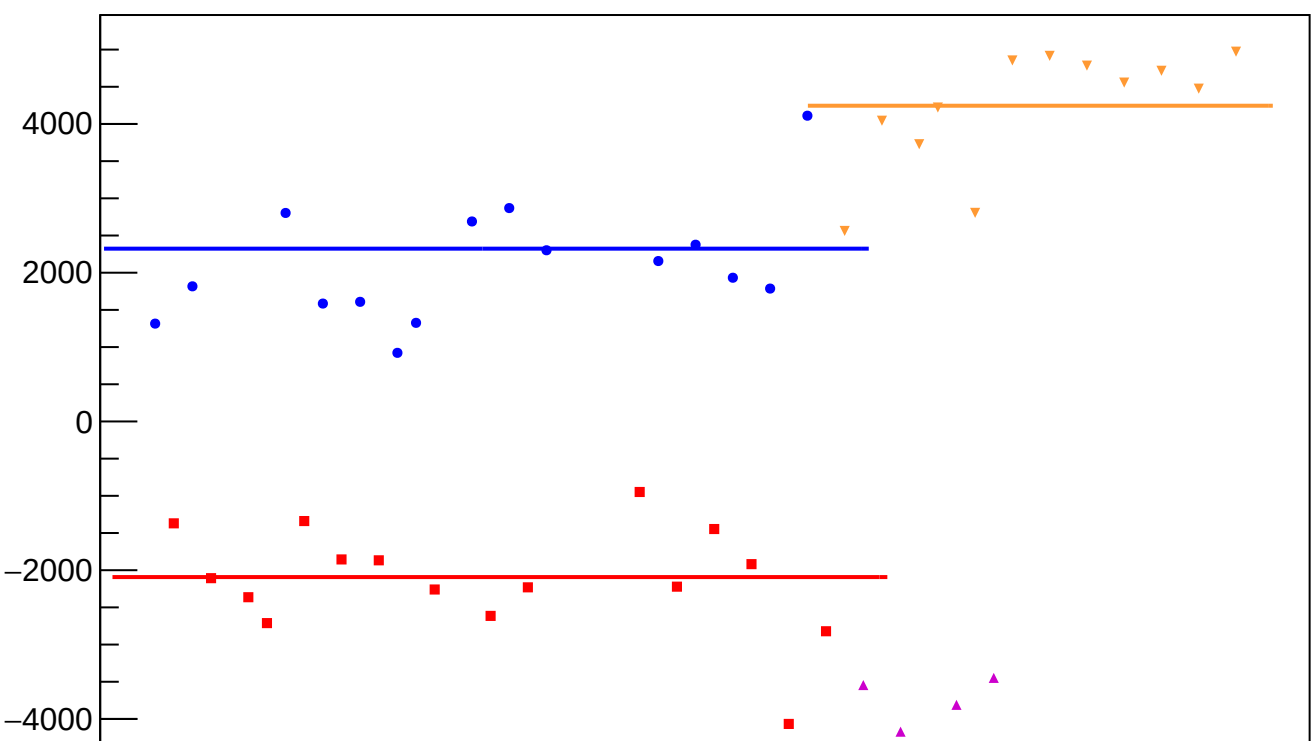
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam7_coil3_mean vs Slug, Sign Corrected



Left: -98.908+/-0.000 χ^2/NDF: 3514152812963095

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

In: -1623.712+/-0.000 χ^2/NDF:179596063861387

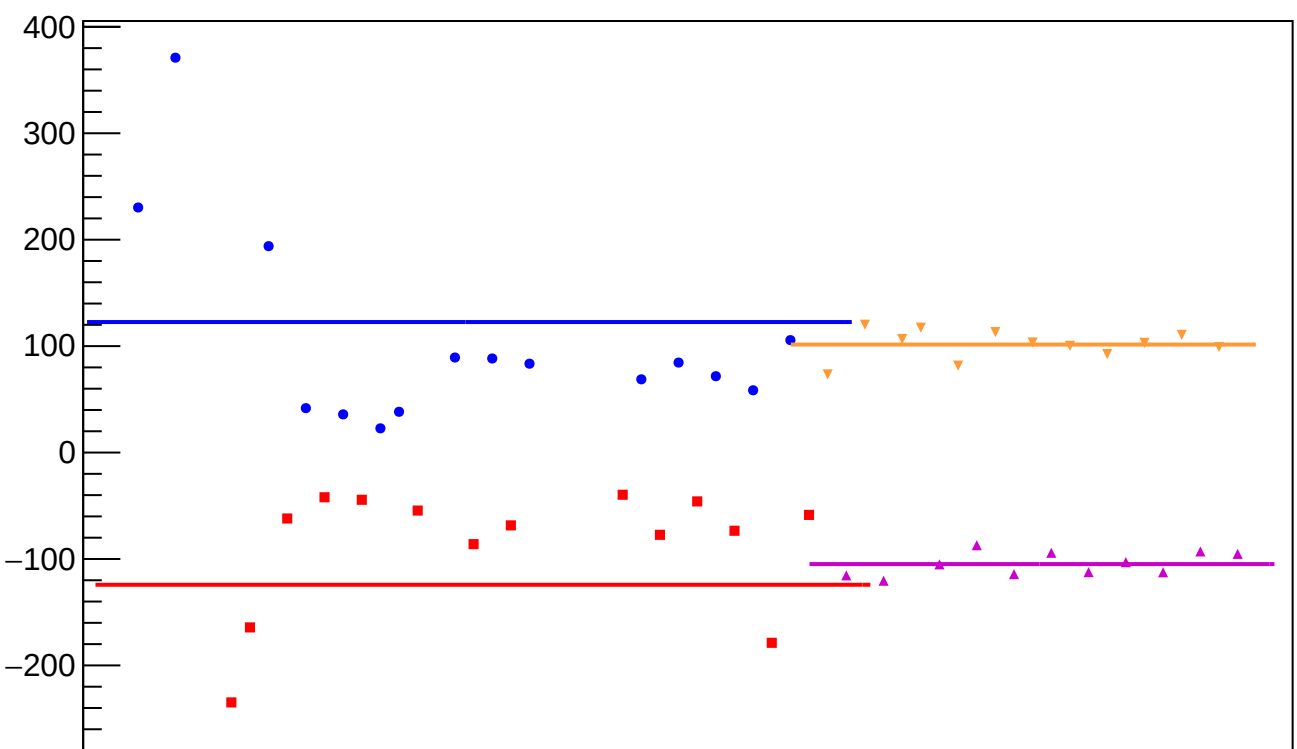
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1571.478+/-0.000 χ^2/NDF:16415649575822

Left In: -4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

All: -22.065+/-0.000 χ^2/NDF: 424251896737

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -2.219+/-0.000 χ^2/NDF: 19812994387589276

Right In: 122.622+/-0.000 χ^2/NDF: 59375046611876911459032358427494 97344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.470+/-0.000 χ^2/NDF:16360658660921551517460113962041 3440.0/11

In: -10.961+/-0.000 χ^2/NDF:2575473987064935 8

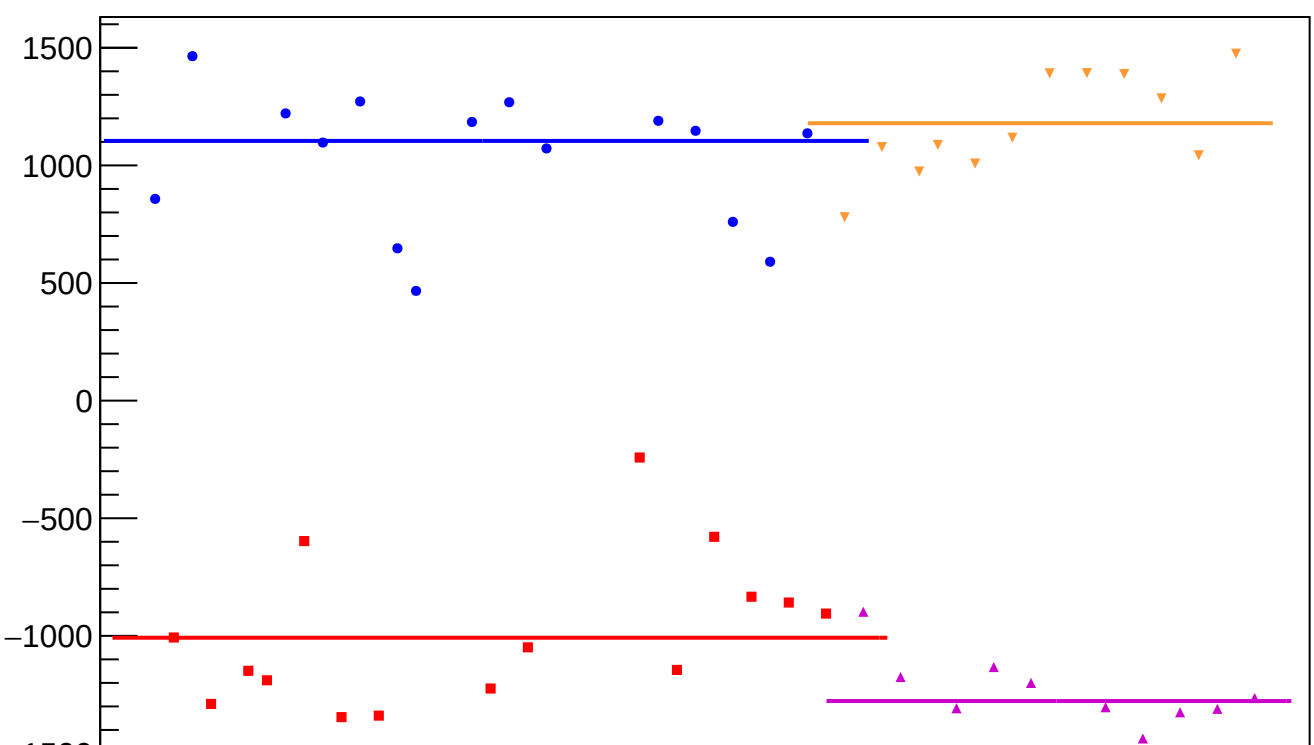
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 6.256+/-0.000 χ^2/NDF:2635369442246566 89

Left In: -104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

All: -2.330+/-0.000 χ^2/NDF: 5234216215941

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

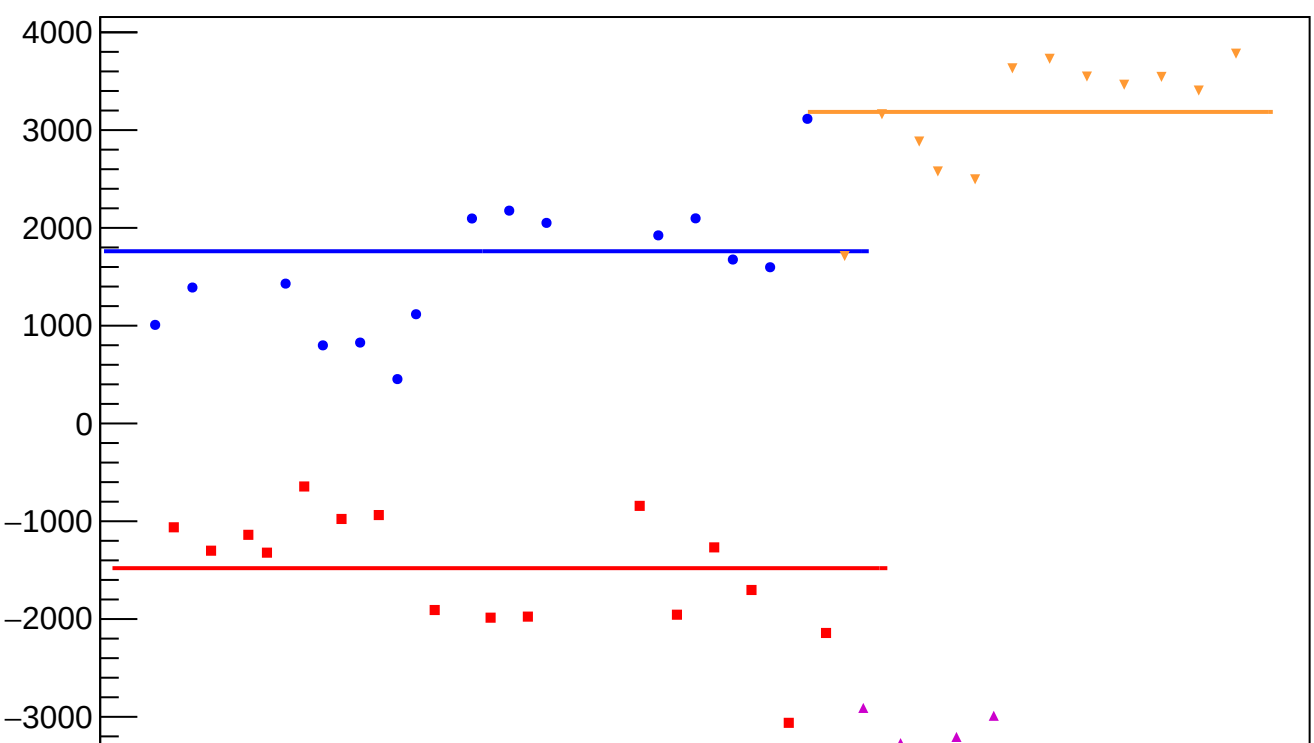
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -136.525+/-0.000 χ^2/NDF: 204789855452922

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

In: -1284.056+/-0.000 χ^2/NDF:106529223368733

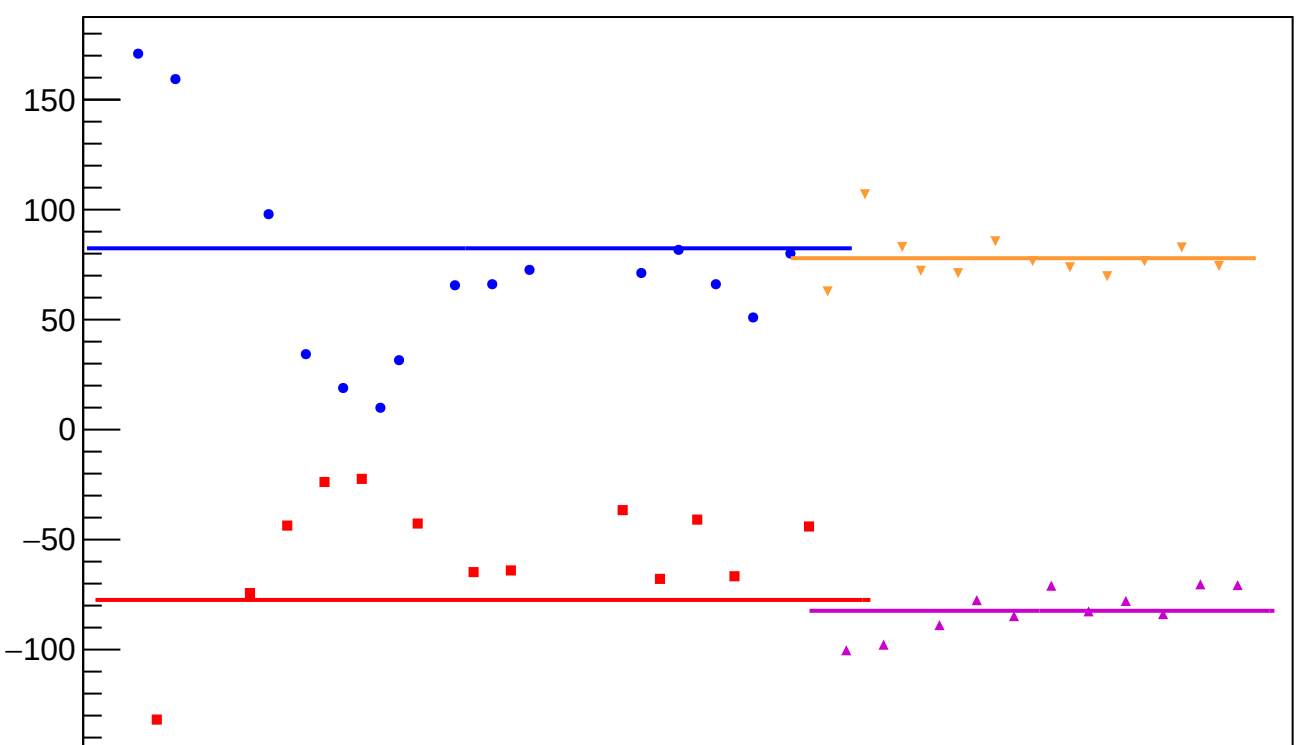
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1217.526+/-0.000 χ^2/NDF:89925987764986

Left In: -3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

All: -30.093+/-0.000 χ^2/NDF: 245798533014

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -2.653+/-0.000 χ^2/NDF: 12002252519609657

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 11184350671309506

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

In: -14.374+/-0.000 χ^2/NDF:11703552131501015

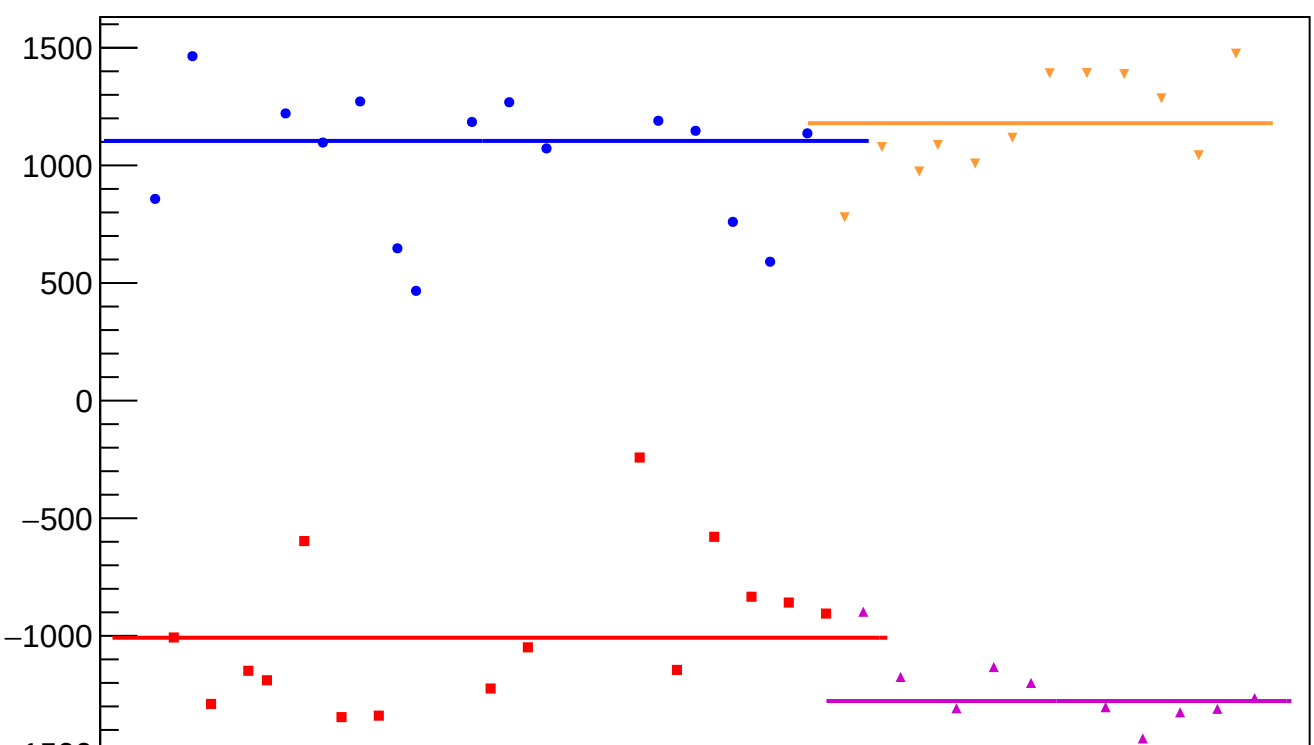
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 12.384+/-0.000 χ^2/NDF:10931113558677322

Left In: -82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

All: -0.961+/-0.000 χ^2/NDF: 2319921906530

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

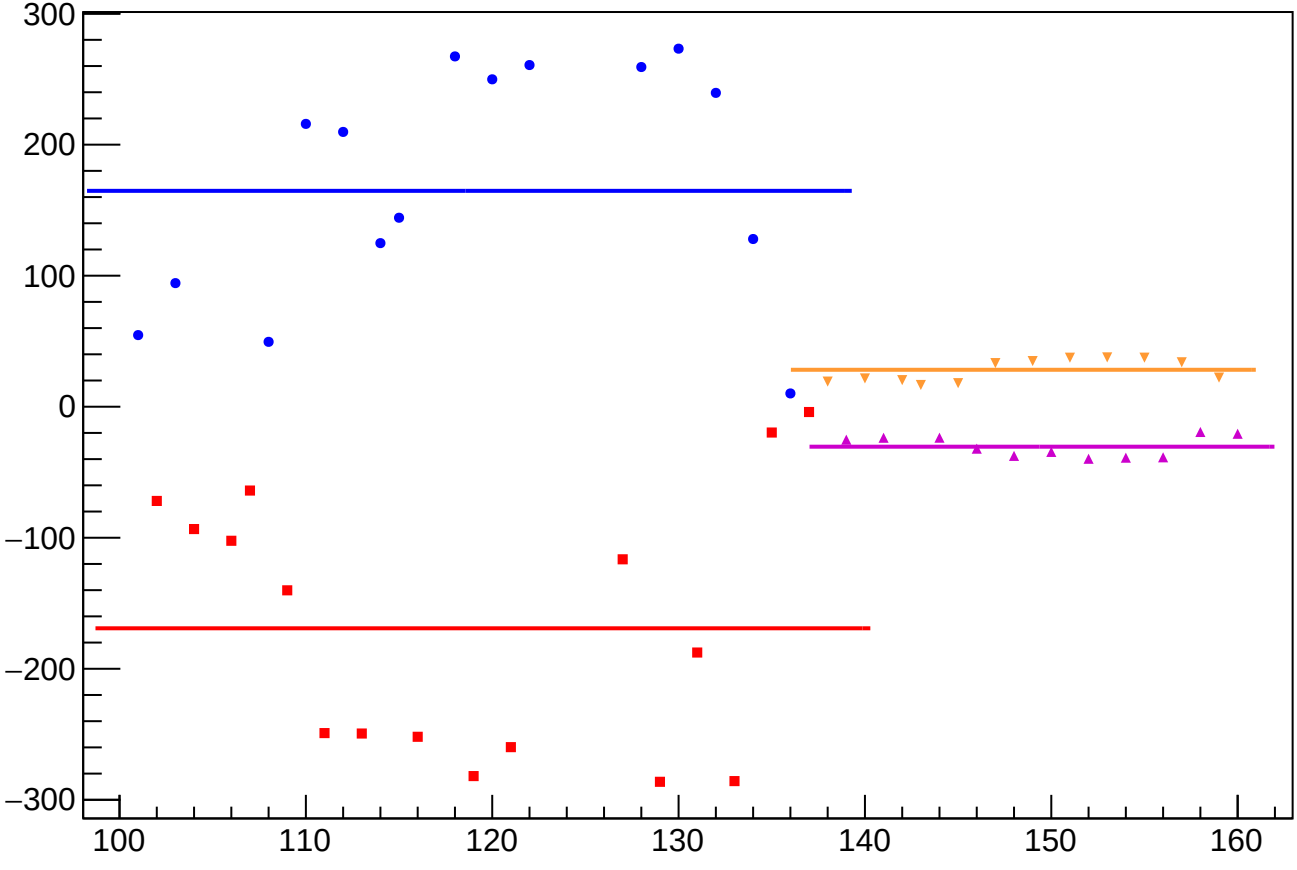
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -1.317+/-0.000 χ^2/NDF: 16978934081589781

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

In: 50.054+/-0.000 χ^2/NDF:20957243949655608 5

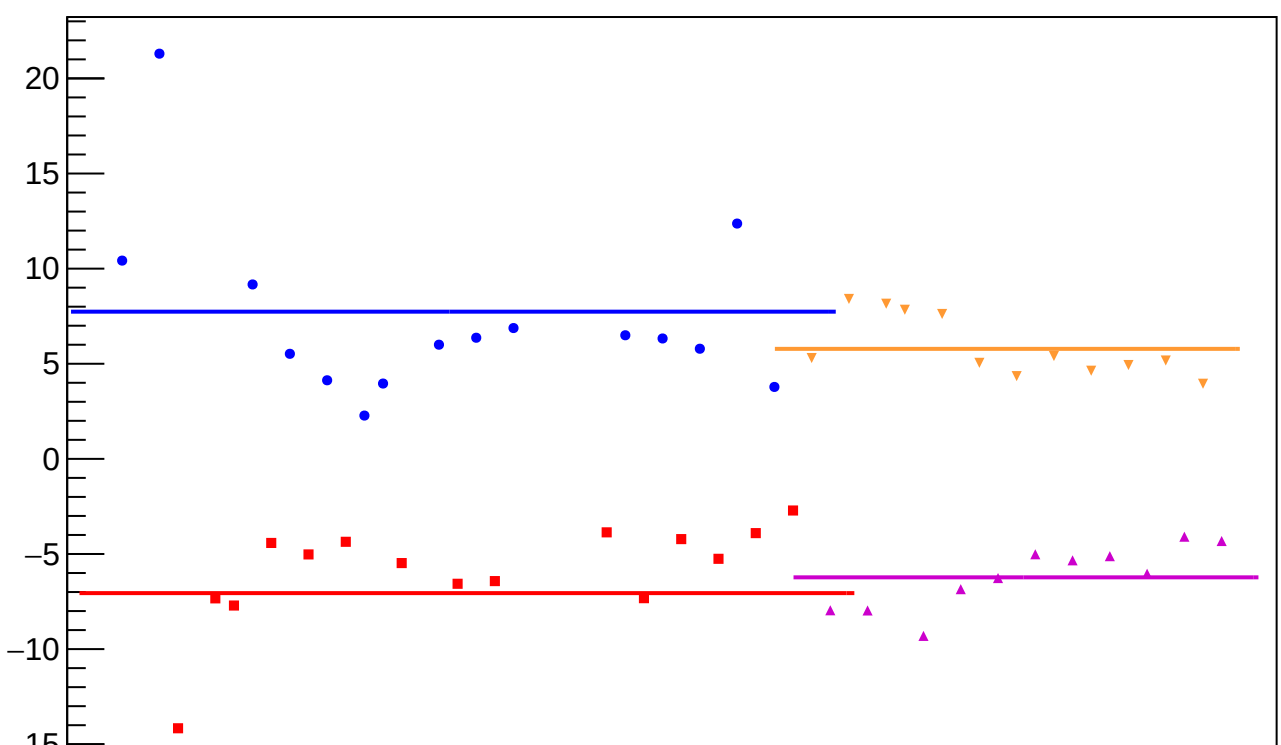
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

Out: -55.045+/-0.000 χ^2/NDF:2111323920107624

Left In: -30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

All: -2.629+/-0.000 χ^2/NDF: 5078015592202

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

Left Out: 5.783+/-0.000 χ^2/NDF:2082103650411209995862519006101504.0/11

Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Left In: -6.228+/-0.000 χ^2/NDF:2331911751655733809355489024147456.0/10

Left: -0.255+/-0.000 χ^2/NDF: 7069951433838344 3

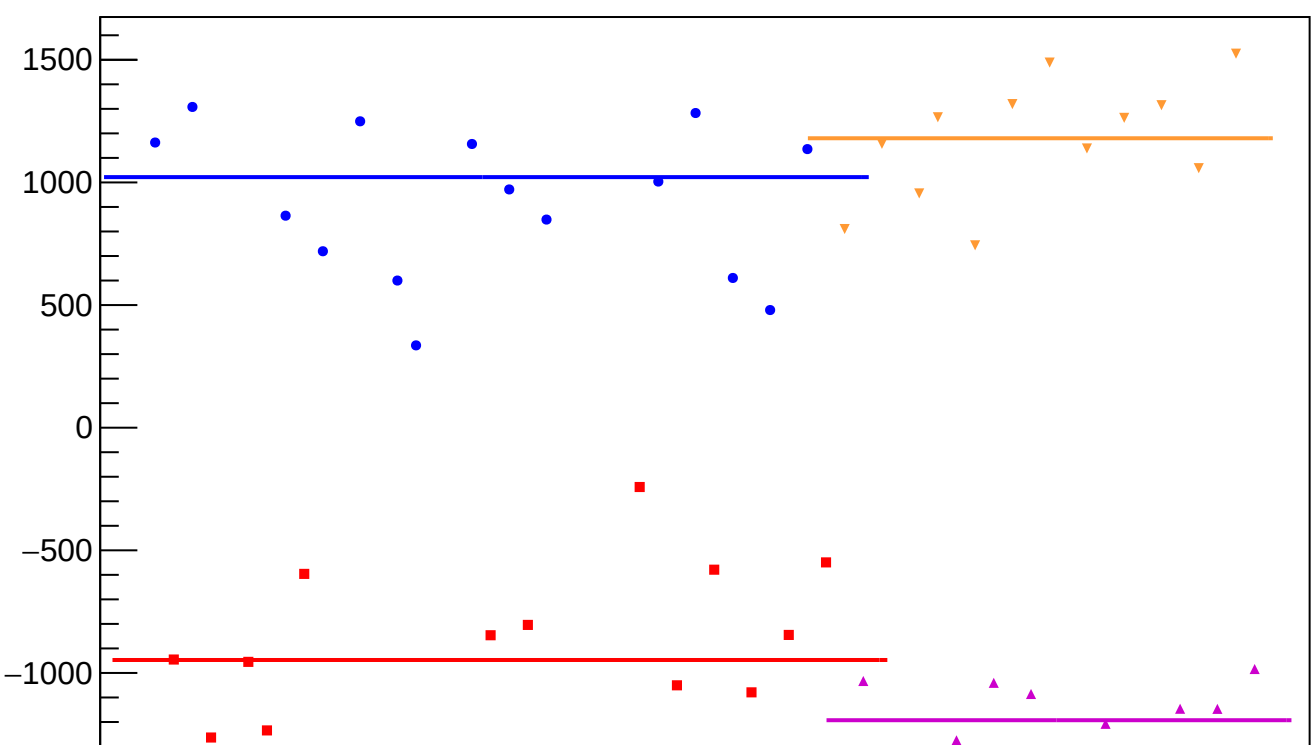
Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

In: -0.465+/-0.000 χ^2/NDF:918173600433659014

Out: 0.366+/-0.000 χ^2/NDF:769487203069941784

All: -0.049+/-0.000 χ^2/NDF: 1693113496789

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

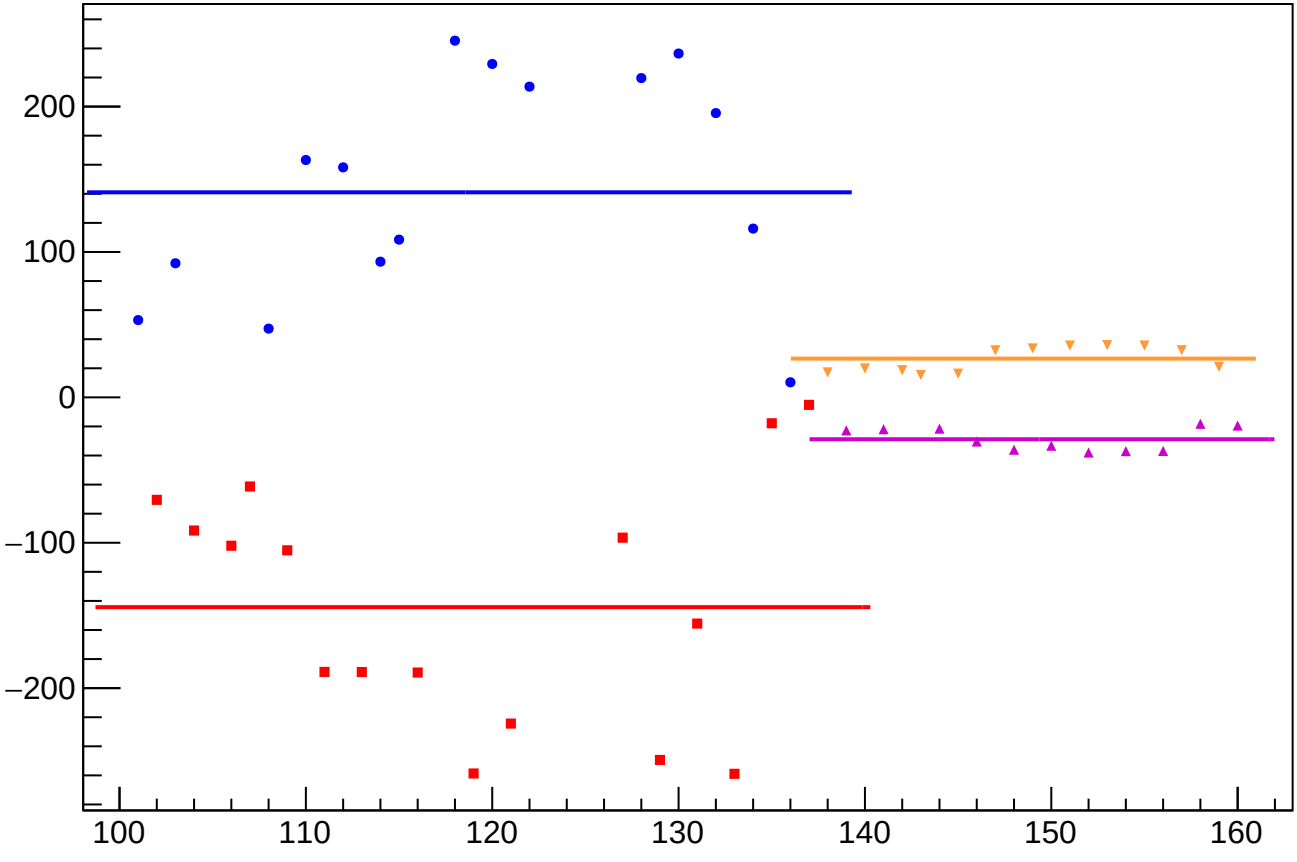
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -1.225+/-0.000 χ^2/NDF: 15294237123103654

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

In: 41.261+/-0.000 χ^2/NDF:15558202913354022

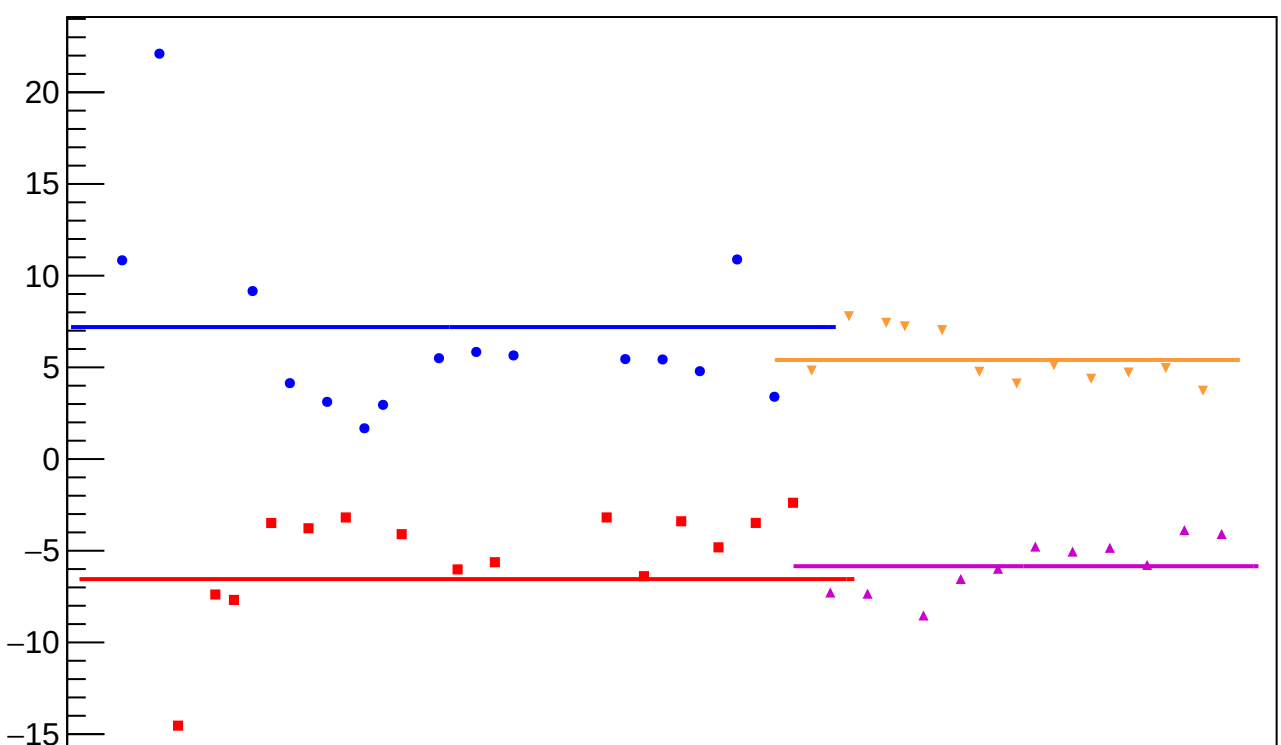
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -45.453+/-0.000 χ^2/NDF:1559993230161443

Left In: -28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

All: -2.206+/-0.000 χ^2/NDF: 3708705323759

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198+/-0.000 χ^2/NDF: 1821264072850278533783196696313856 0.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:1657476673222734549536062415306752.0/11

Right Out: -6.547+/-0.000 χ^2/NDF: 1407891250511606893623080983409 4592.0/15

Left In: -5.843+/-0.000 χ^2/NDF:1832786837102707862400537806766080.0/10

Left: -0.250+/-0.000 χ^2/NDF: 6161814130273038 1

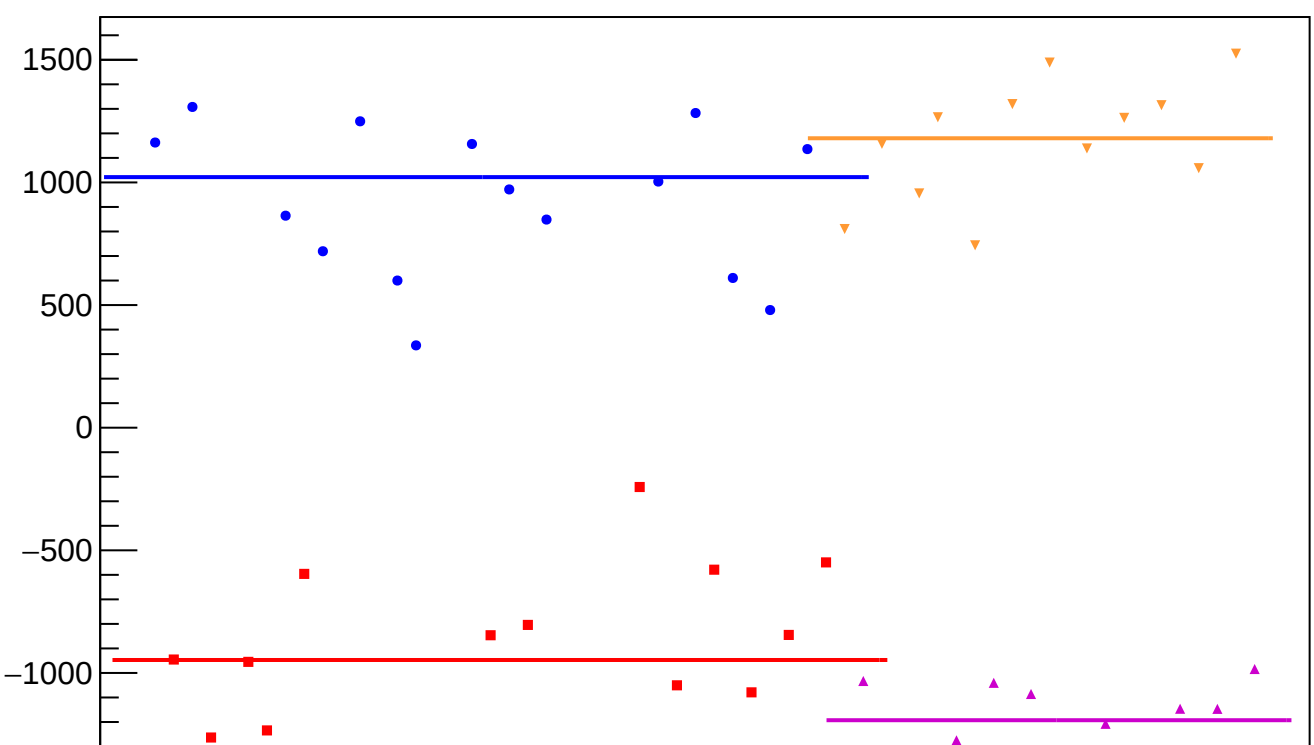
Right: 0.232+/-0.000 χ^2/NDF: 9443088474536779 1

In: -0.463+/-0.000 χ^2/NDF:8488165889201747 35

Out: 0.362+/-0.000 χ^2/NDF:7080864399270327 17

All: -0.049+/-0.000 χ^2/NDF: 1562270252344

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

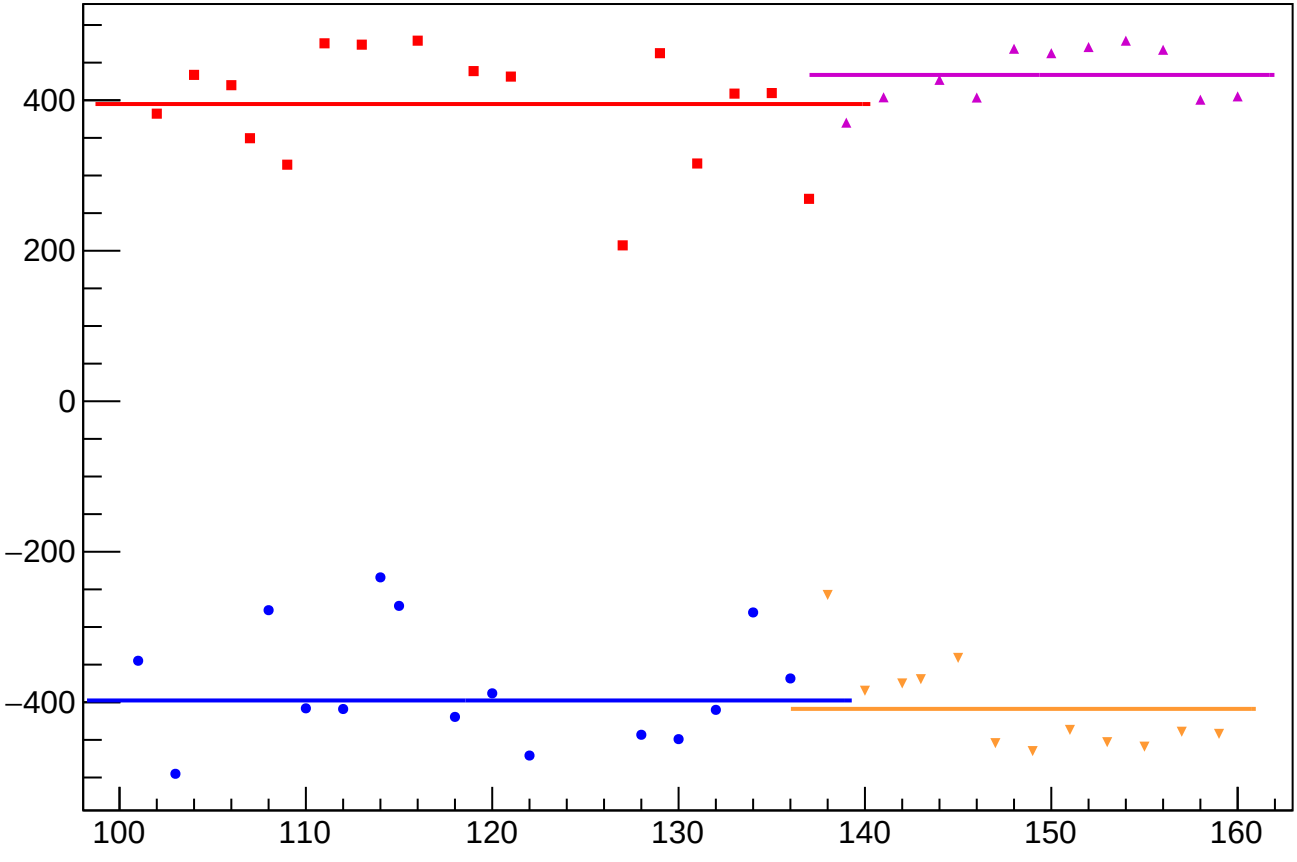
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

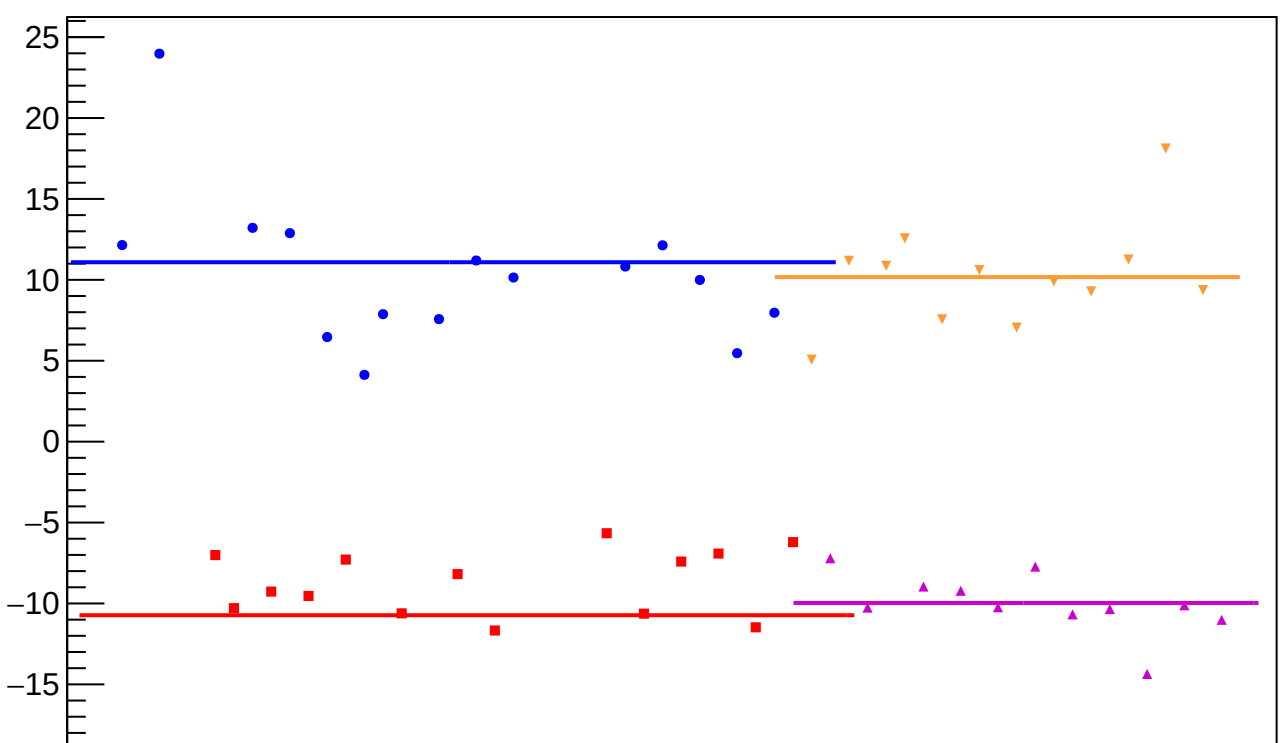
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Left: 14.727+/-0.000 χ^2/NDF: 3306788770143985
Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3
Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11
In: 90.690+/-0.000 χ^2/NDF:267298439260479340
Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15
Out: -69.697+/-0.000 χ^2/NDF:2561673028781217
Left In: 433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10
All: 10.293+/-0.000 χ^2/NDF: 5437489116587

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.046+/-0.000 χ^2/NDF: 19835798282447665

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822 4

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

In: -1.280+/-0.000 χ^2/NDF:1861837973152803 28

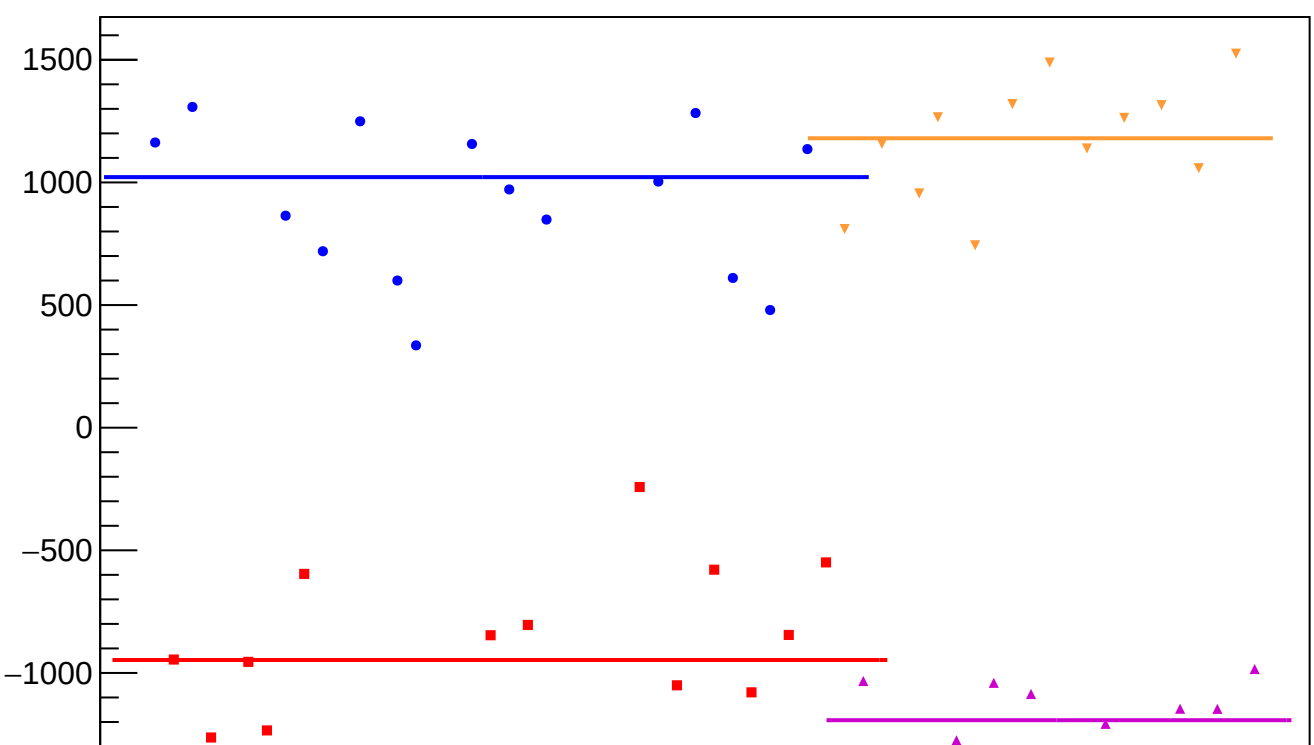
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

Out: 1.354+/-0.000 χ^2/NDF:1922663154658547 31

Left In: -9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

All: 0.040+/-0.000 χ^2/NDF: 3839228456311 8

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

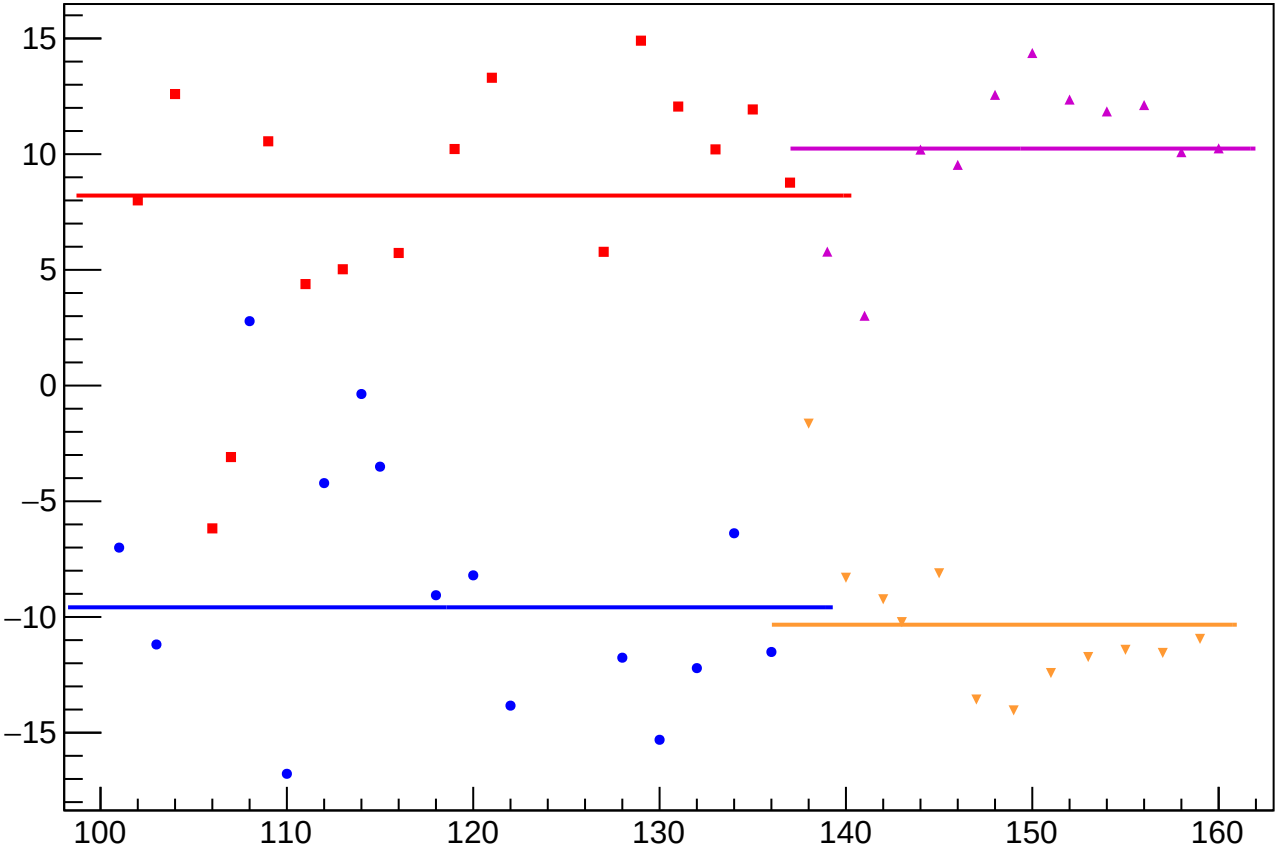
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 21288427185661419

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.333+/-0.000 χ^2/NDF:9377692425026365375047041474887680.0/11

In: 2.062+/-0.000 χ^2/NDF:173509343725026815 6

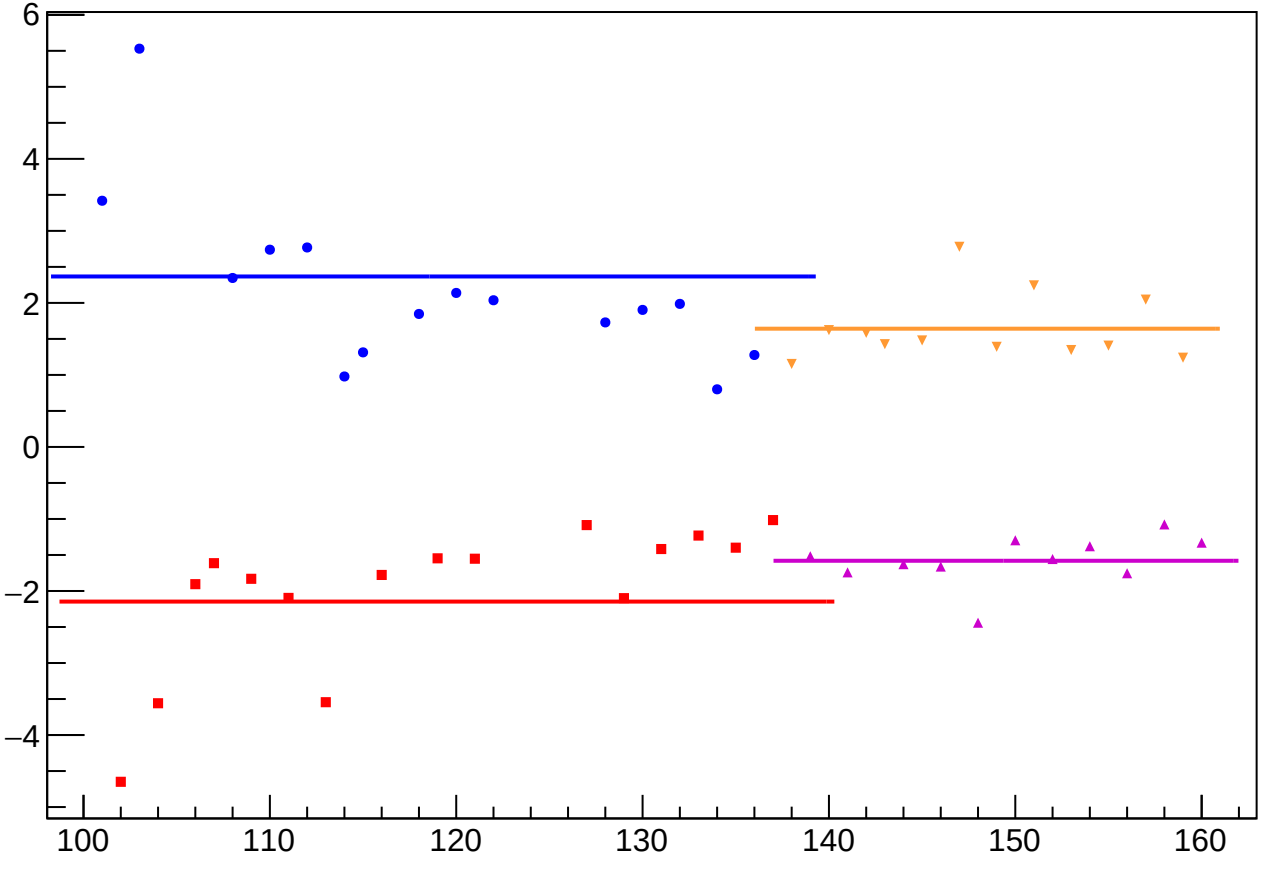
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445 4912.0/15

Out: -2.510+/-0.000 χ^2/NDF:16029265277756400

Left In: 10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

All: -0.229+/-0.000 χ^2/NDF: 3502860386482

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:1958421482260435270399099152629 76.0/11

Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Left In: -1.580+/-0.000 χ^2/NDF:1041598201066898133531717921669 12.0/10

Left: 0.022+/-0.000 χ^2/NDF: 5071287631996029 95

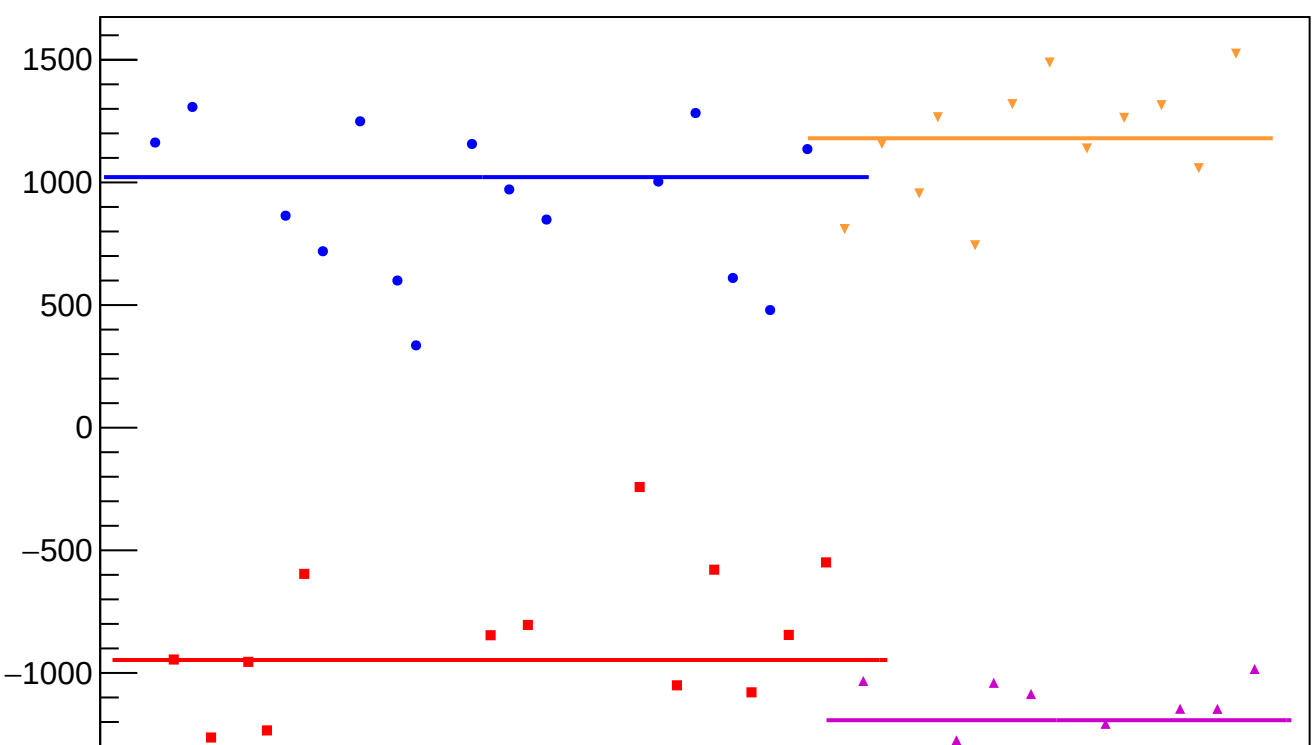
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

In: 0.048+/-0.000 χ^2/NDF:6965293012919252949

Out: 0.043+/-0.000 χ^2/NDF:6496209929578135 24

All: 0.046+/-0.000 χ^2/NDF: 1346152125822 2

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

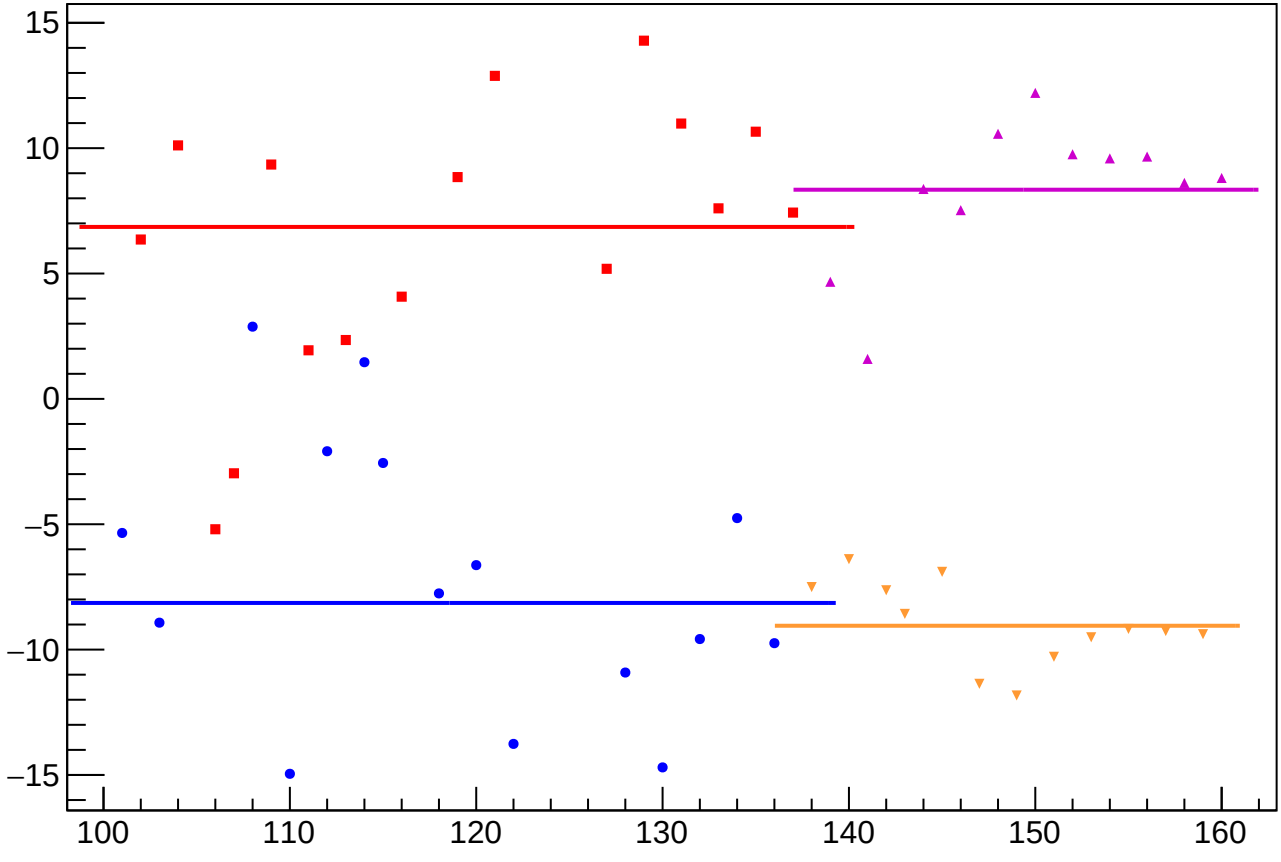
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.306+/-0.000 χ^2/NDF: 14869200131628523

Right In: -8.139+/-0.000 χ^2/NDF: 14676442649222120372533779893321728.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -9.049+/-0.000 χ^2/NDF:24490585061848397921338895011676 16.0/11

In: 1.543+/-0.000 χ^2/NDF:125503787533392226

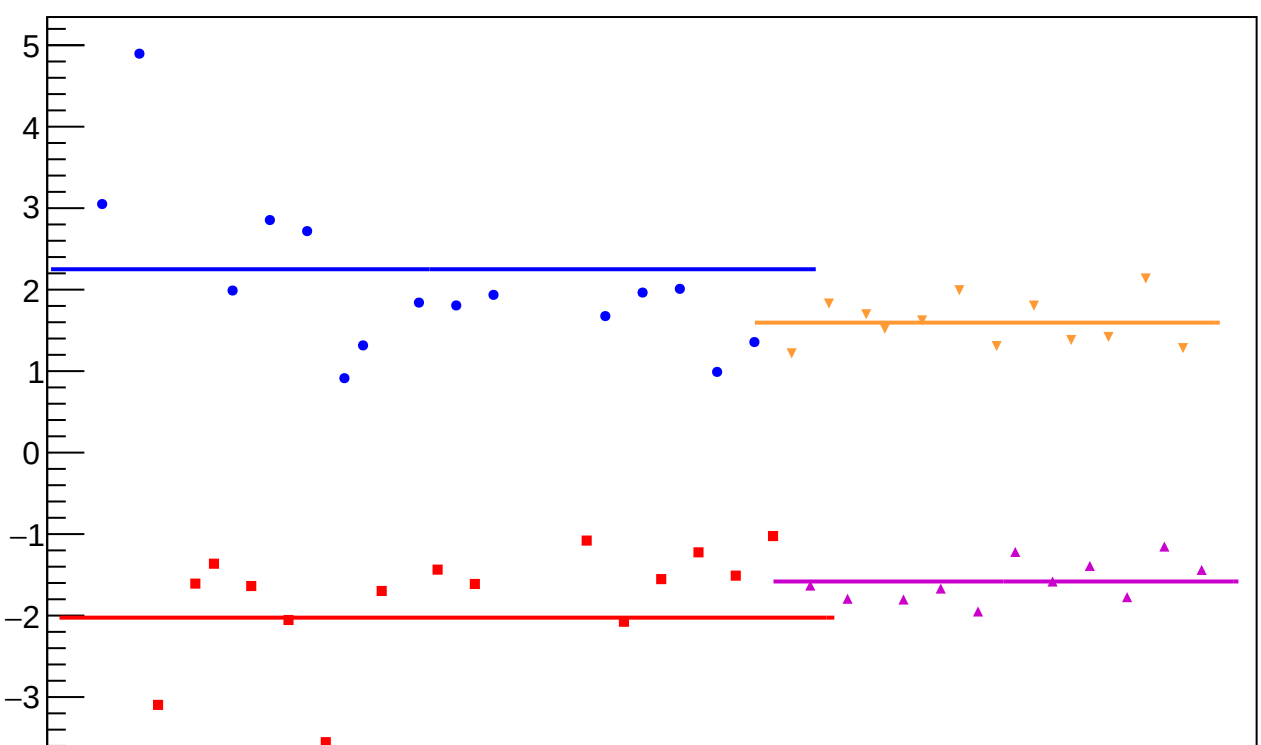
Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

Out: -2.337+/-0.000 χ^2/NDF:11650582915107792

Left In: 8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

All: -0.402+/-0.000 χ^2/NDF: 2538807042517

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.002+/-0.000 χ^2/NDF: 47692091365886523

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Right: 0.083+/-0.000 χ^2/NDF: 7249257967761916 2

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

In: -0.001+/-0.000 χ^2/NDF:6309895304993274 21

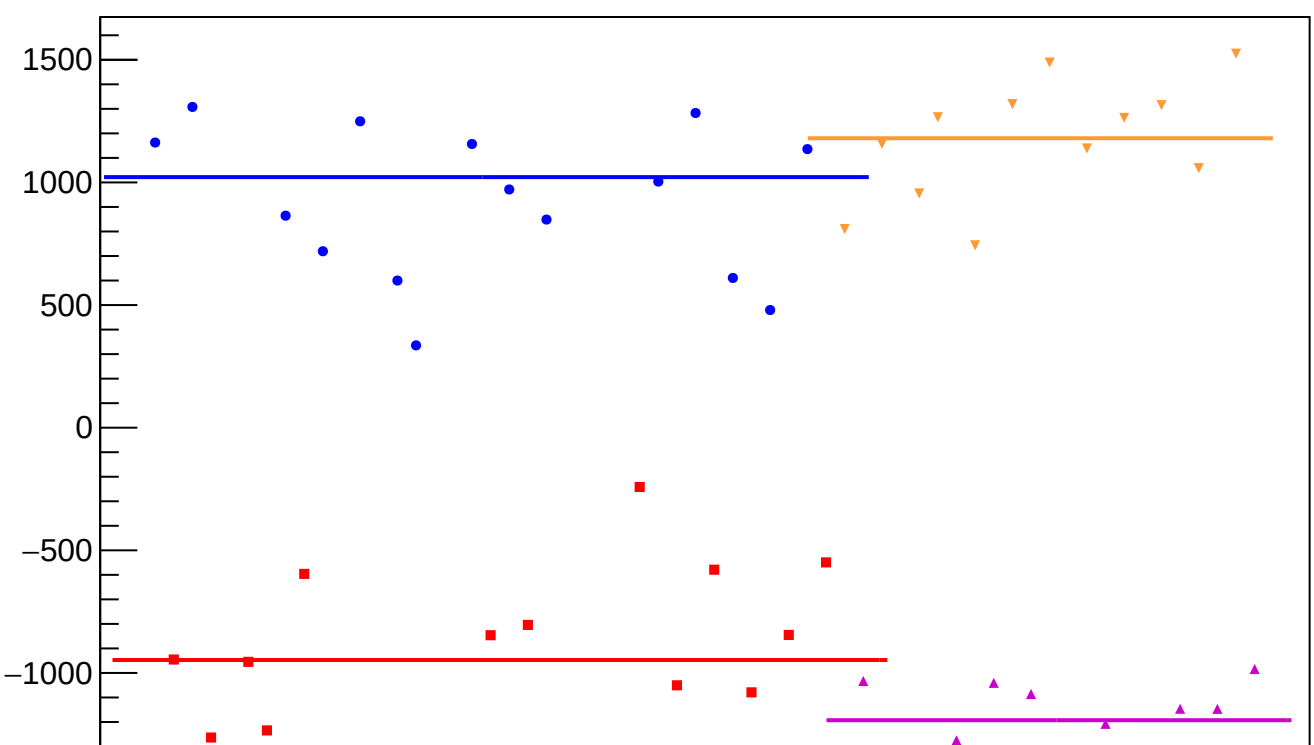
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.068+/-0.000 χ^2/NDF:5710429327761081 99

Left In: -1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

All: 0.034+/-0.000 χ^2/NDF: 1202401440292 9

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

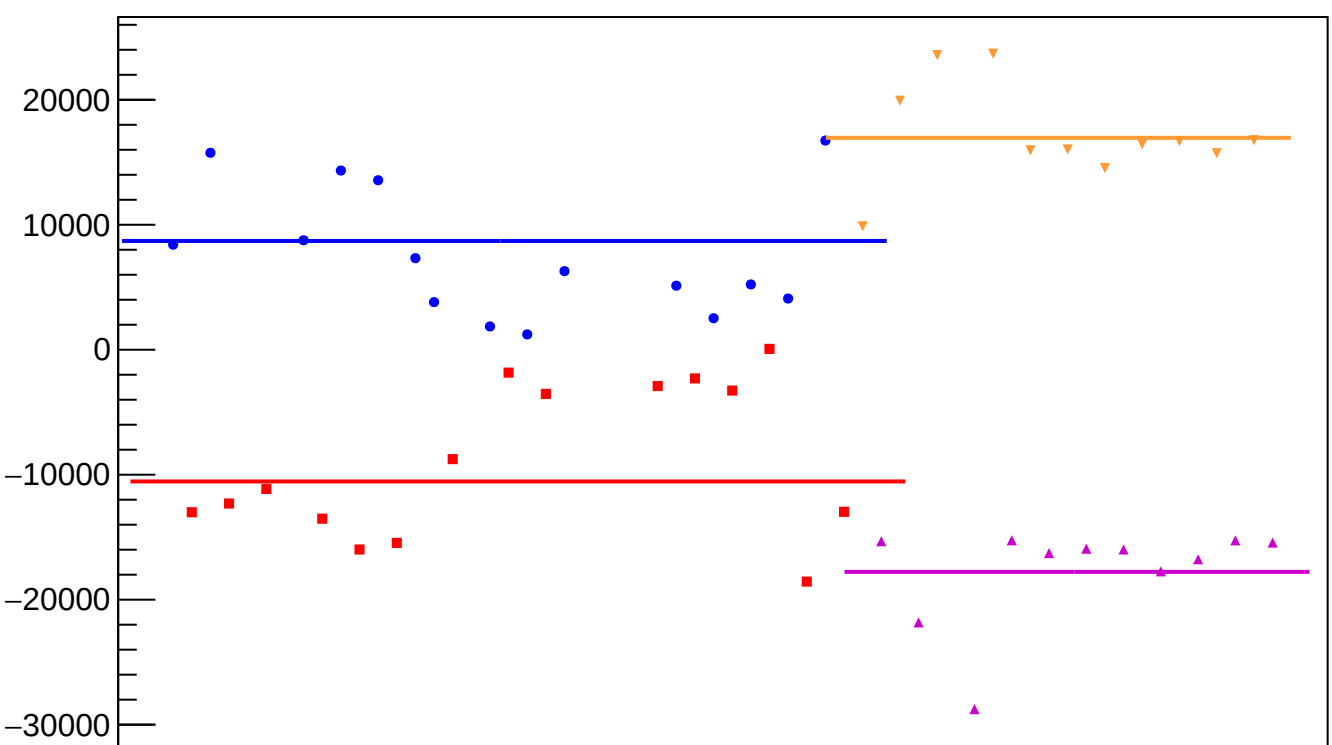
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -1162.779+/-0.000 χ^2/NDF: 55890843498990

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

In: -6849.259+/-0.000 χ^2/NDF:301670600144202

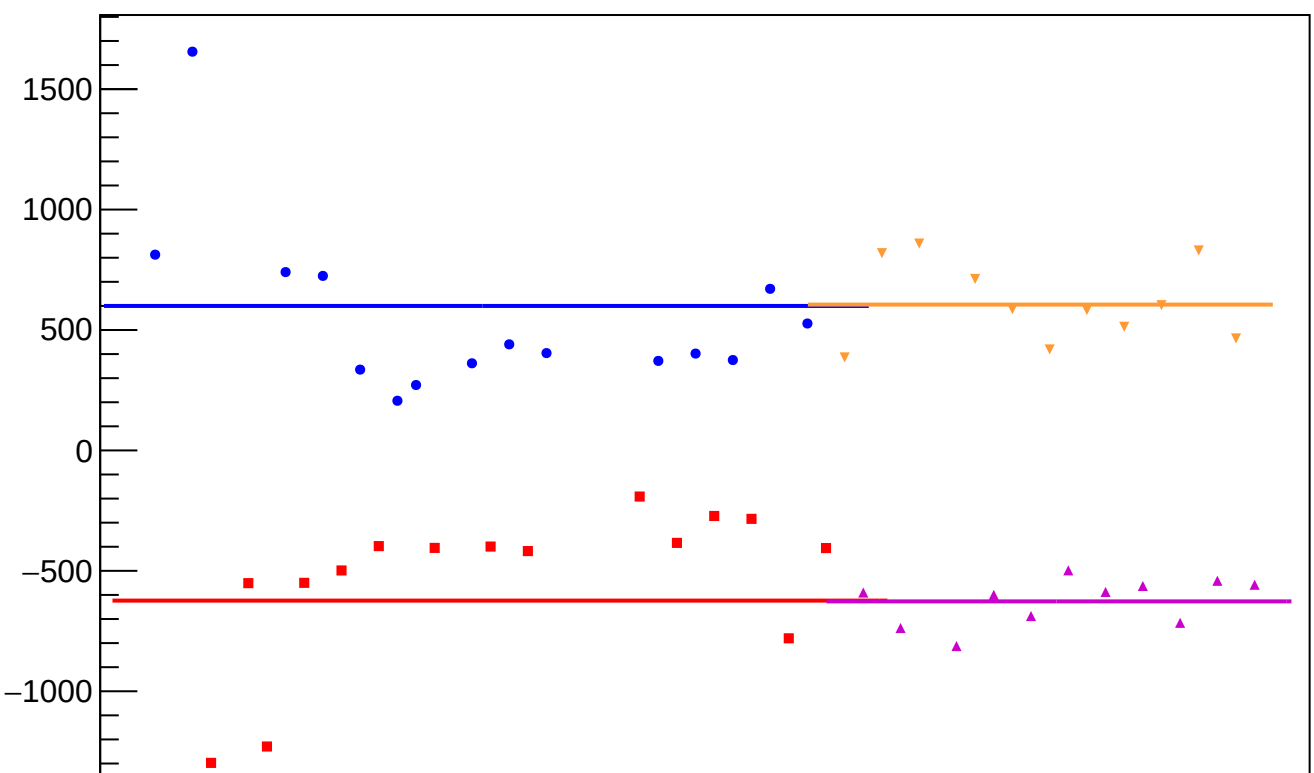
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4843.682+/-0.000 χ^2/NDF:33929574980115 9

Left In: -17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

All: -1114.529+/-0.000 χ^2/NDF: 7464452329

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -37.453+/-0.000 χ^2/NDF: 6997777139470911

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 605.454+/-0.000 χ^2/NDF:2060003669657688968648891386270685593 6.0/10

In: -120.691+/-0.000 χ^2/NDF:6710419743647367

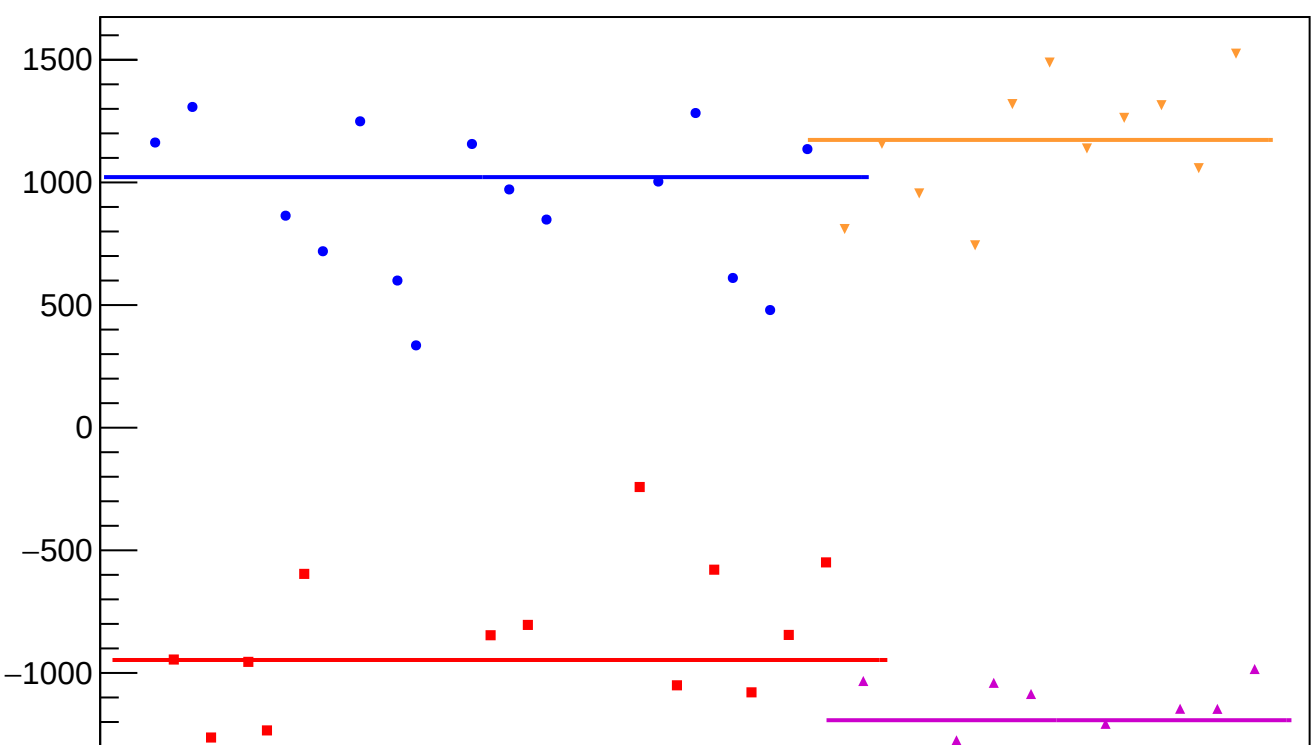
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 64.002+/-0.000 χ^2/NDF:6856908765406279 7

Left In: -626.785+/-0.000 χ^2/NDF:8170989429665370050254275774703992832.0/10

All: -30.110+/-0.000 χ^2/NDF: 138304886705

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -61.112+/-0.000 χ^2/NDF: 2543368931885977

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1173.334+/-0.000 χ^2/NDF:502592256921254396792444427519246991 36.0/10

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

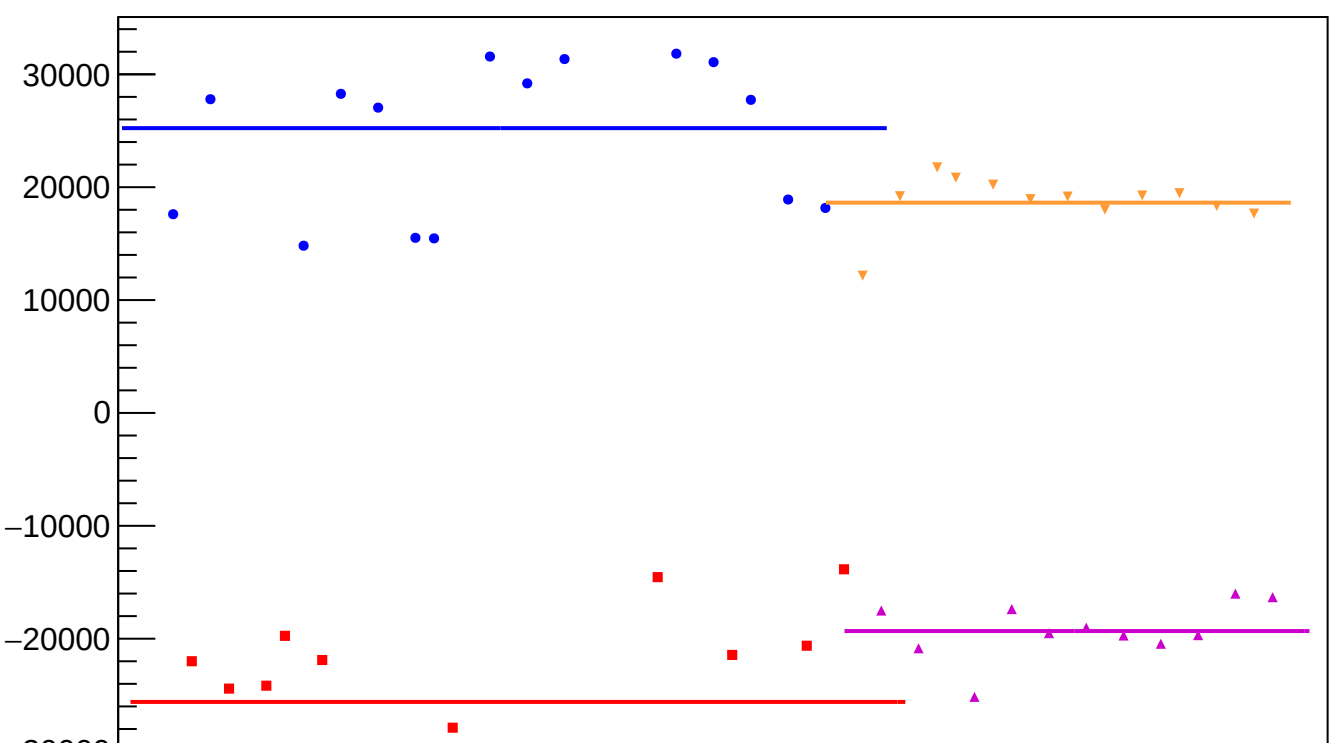
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 239.147+/-0.000 χ^2/NDF:1795887749814407

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: -24.912+/-0.000 χ^2/NDF: 393215150522

dit_usr_coil7_mean vs Slug, Sign Corrected



Left: -449.430+/-0.000 χ^2/NDF: 671887437308897

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Right: -532.226+/-0.000 χ^2/NDF: 89888992461613

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

In: -940.058+/-0.000 χ^2/NDF:7868508361919144

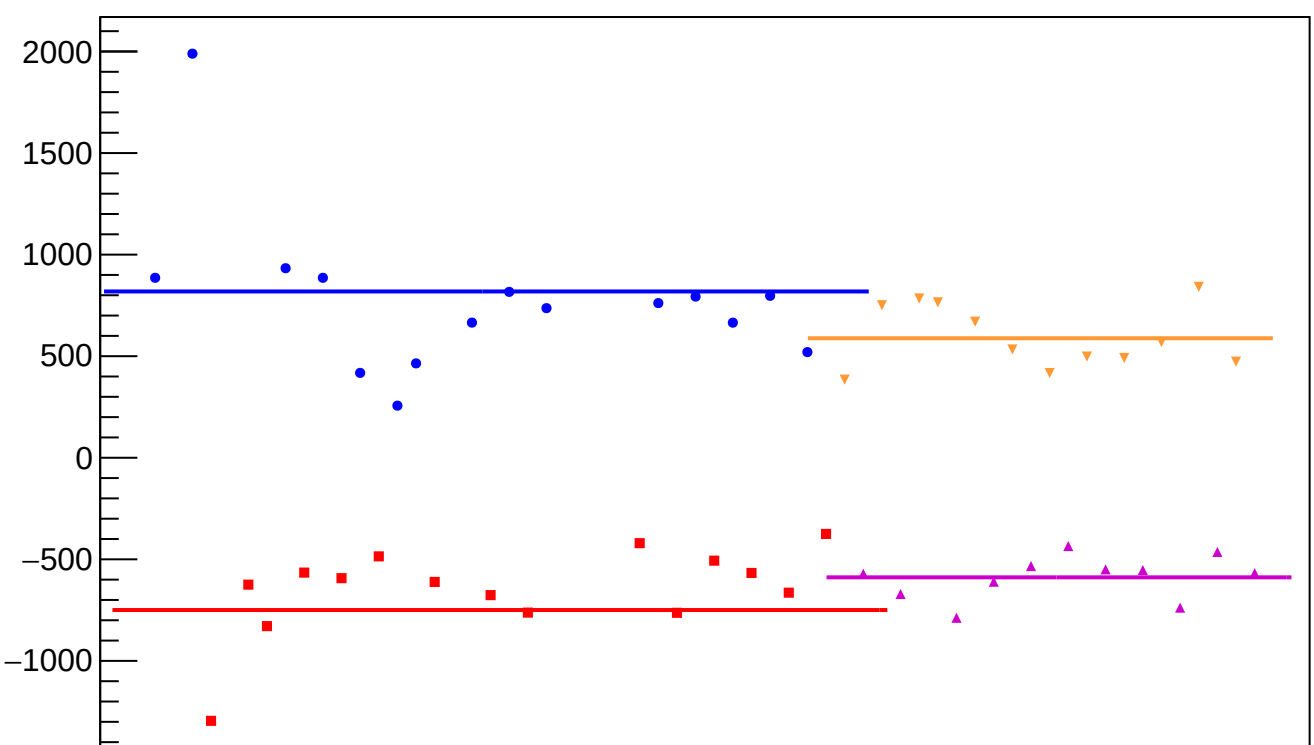
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -30.202+/-0.000 χ^2/NDF:7832790364927991

Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

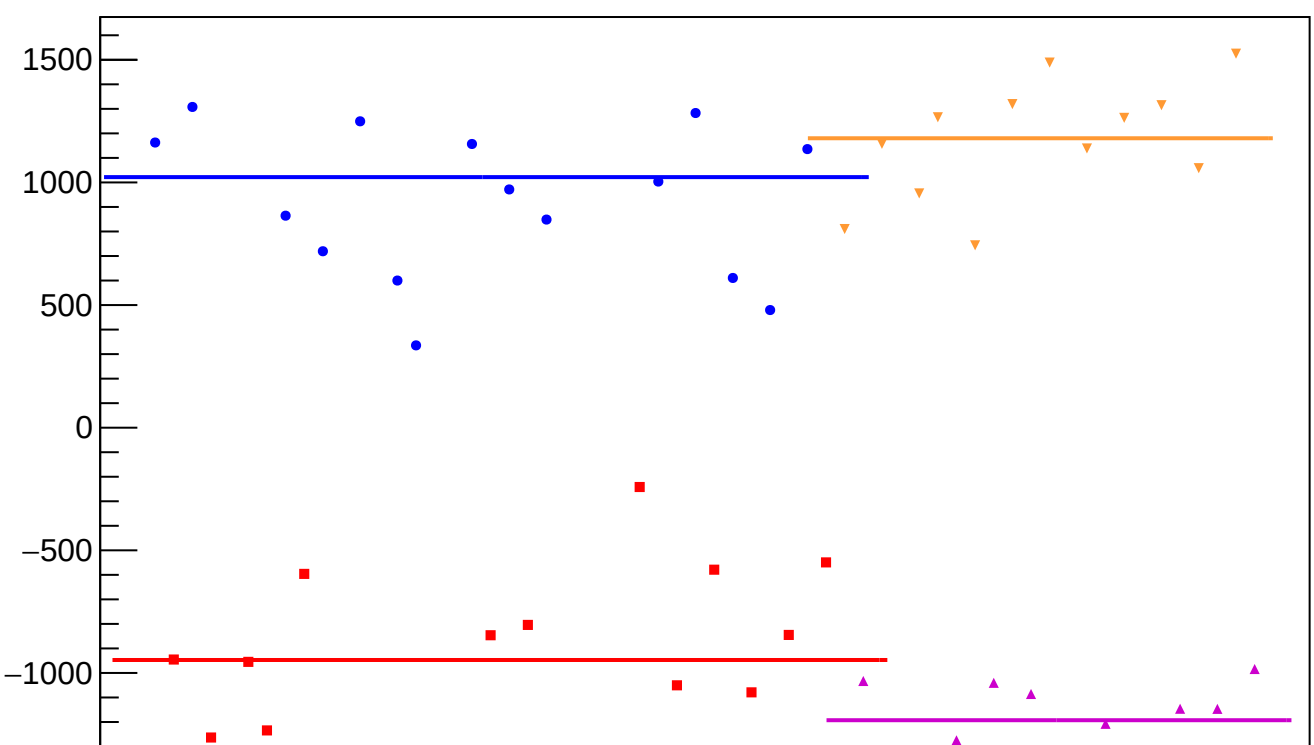
All: -483.976+/-0.000 χ^2/NDF: 15707826192

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: -3.353+/-0.000 χ^2/NDF: 66659527229300677
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811379 2.0/11
In: -8.034+/-0.000 χ^2/NDF:870601201099148606
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
Out: 23.887+/-0.000 χ^2/NDF:7884100997883068 9
Left In: -588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10
All: 7.967+/-0.000 χ^2/NDF: 1659814713315 5

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

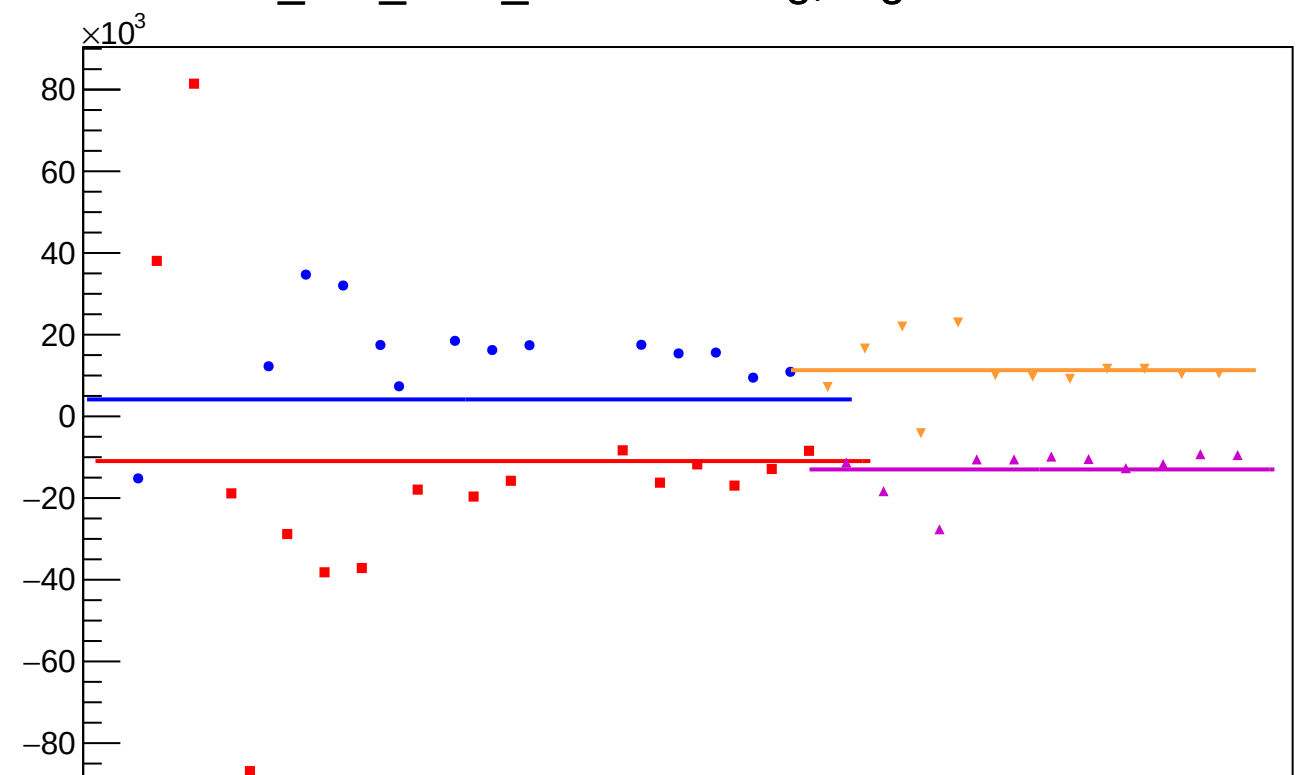
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -909.343+/-0.000 χ^2/NDF: 334047502497759

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

In: -5922.694+/-0.000 χ^2/NDF:902084767732052

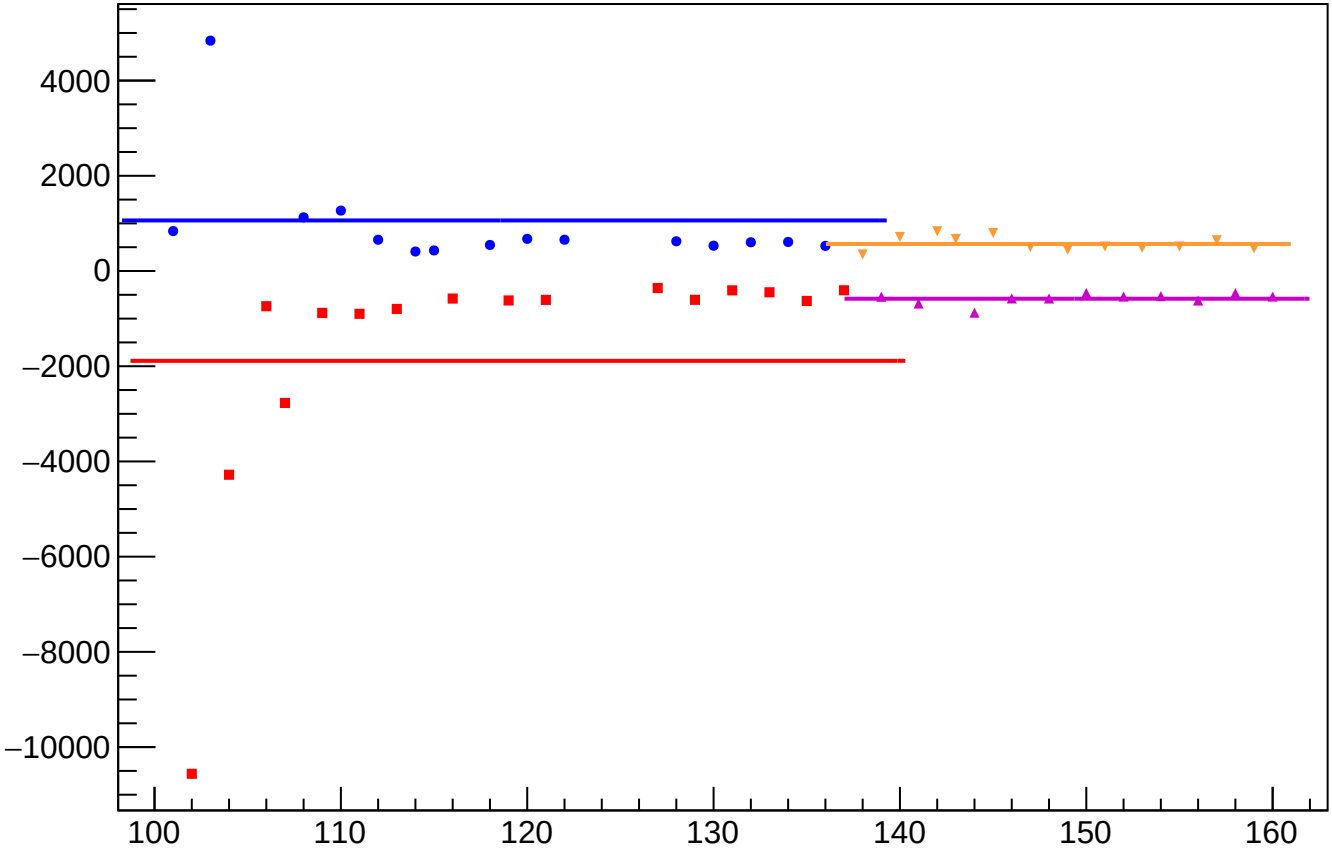
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

Out: 1918.368+/-0.000 χ^2/NDF:110122853896245

Left In: -12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

All: -1992.219+/-0.000 χ^2/NDF: 2051791747

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: -10.469+/-0.000 χ^2/NDF: 6372083040457971

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

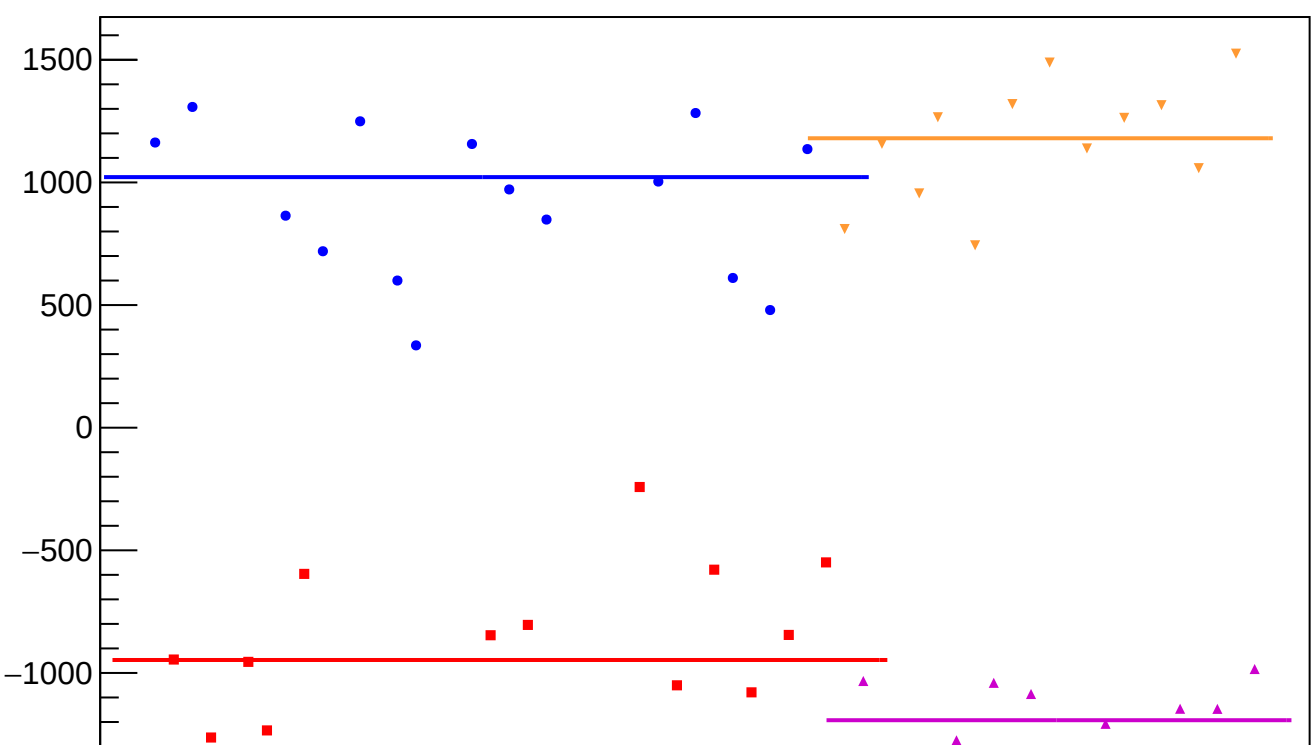
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -467.914+/-0.000 χ^2/NDF:786707402720723

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962 4064.0/10

All: -186.618+/-0.000 χ^2/NDF: 1011363817 1

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

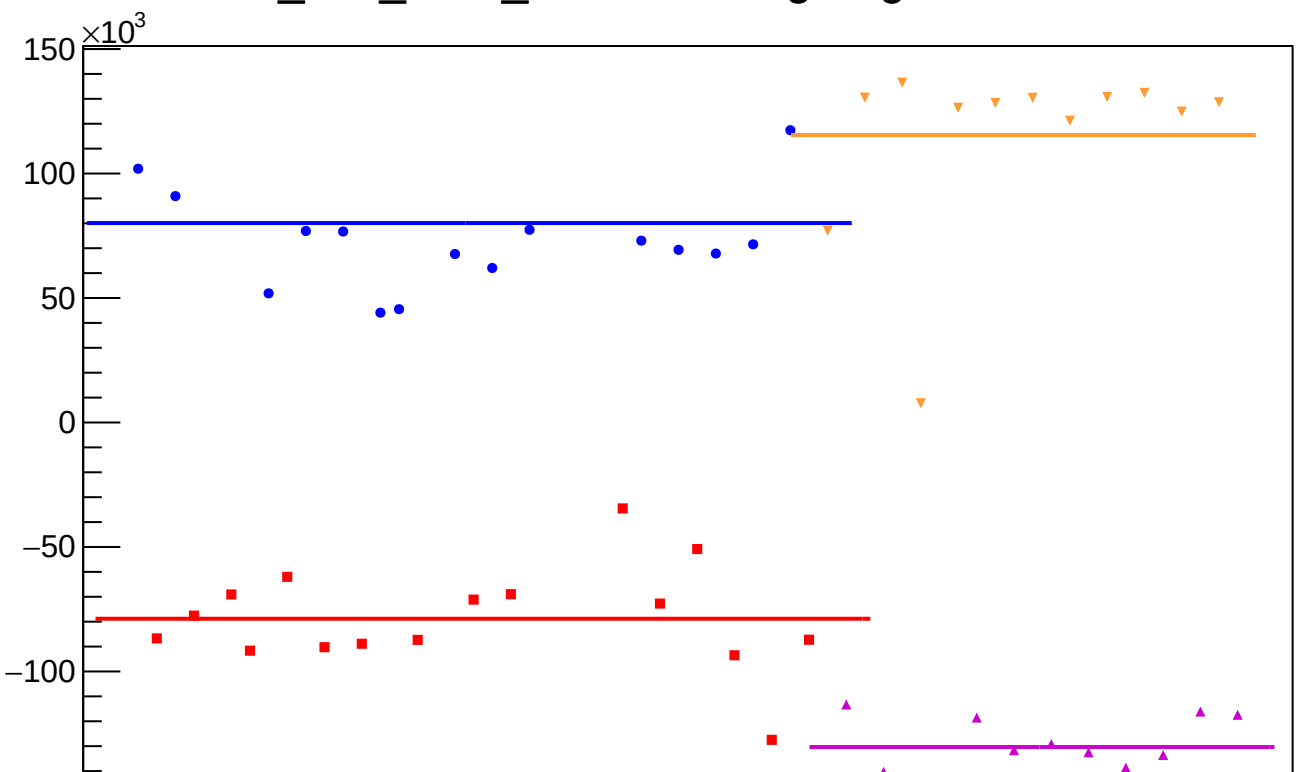
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -8117.324+/-0.000 χ^2/NDF: 28946961702695

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11

In: -43517.739+/-0.000 χ^2/NDF:17286902459469

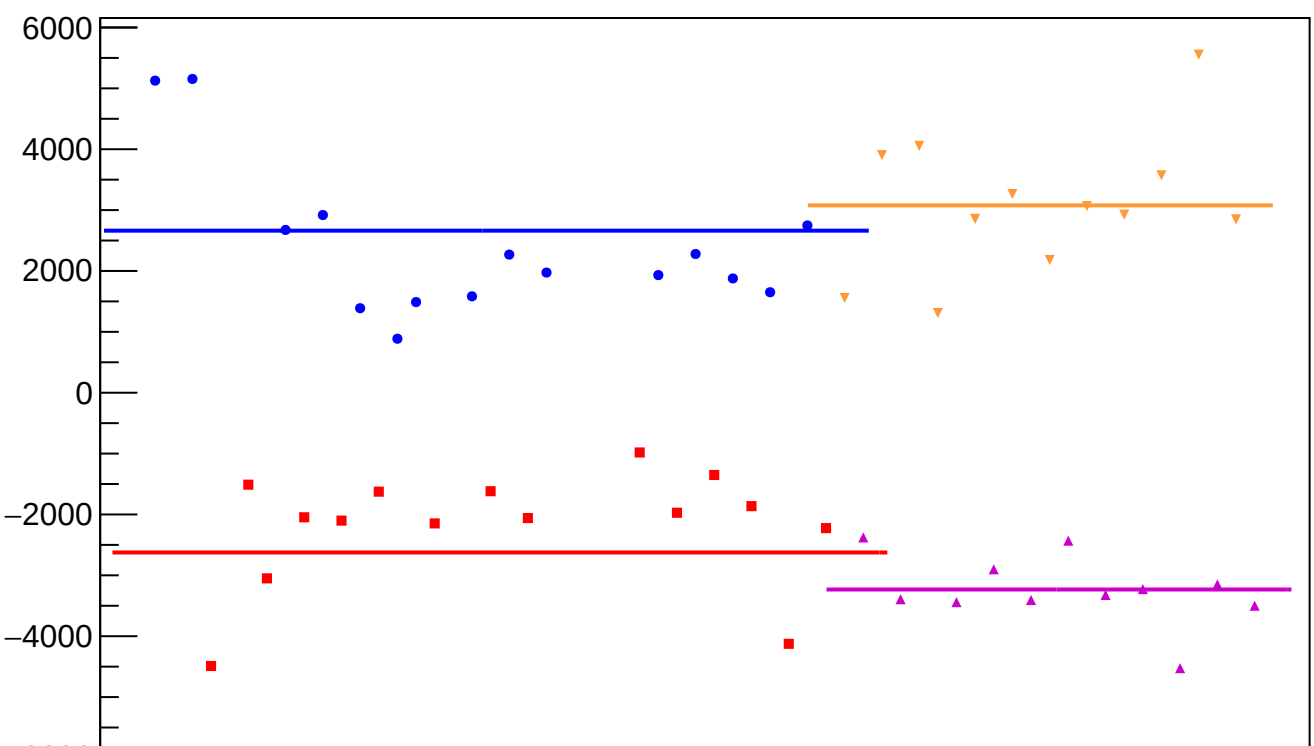
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 33491.542+/-0.000 χ^2/NDF:15877058488272

Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

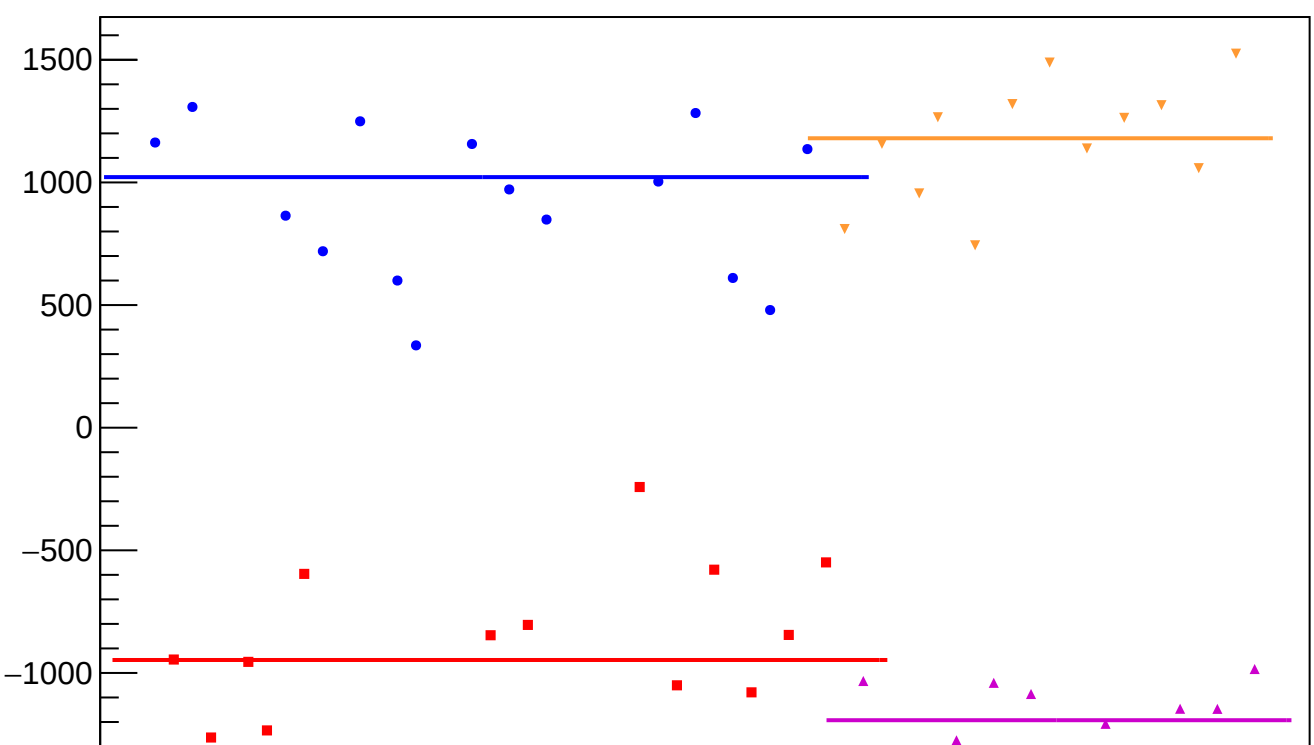
All: -4915.433+/-0.000 χ^2/NDF: 3784007443

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -94.635+/-0.000 χ^2/NDF: 1964916620255589
Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14
Right: -17.413+/-0.000 χ^2/NDF: 117922842657675
Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11
In: -800.651+/-0.000 χ^2/NDF:1455555206694384
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15
Out: 672.087+/-0.000 χ^2/NDF:1518026118358382
Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10
All: -62.414+/-0.000 χ^2/NDF: 314460236947

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

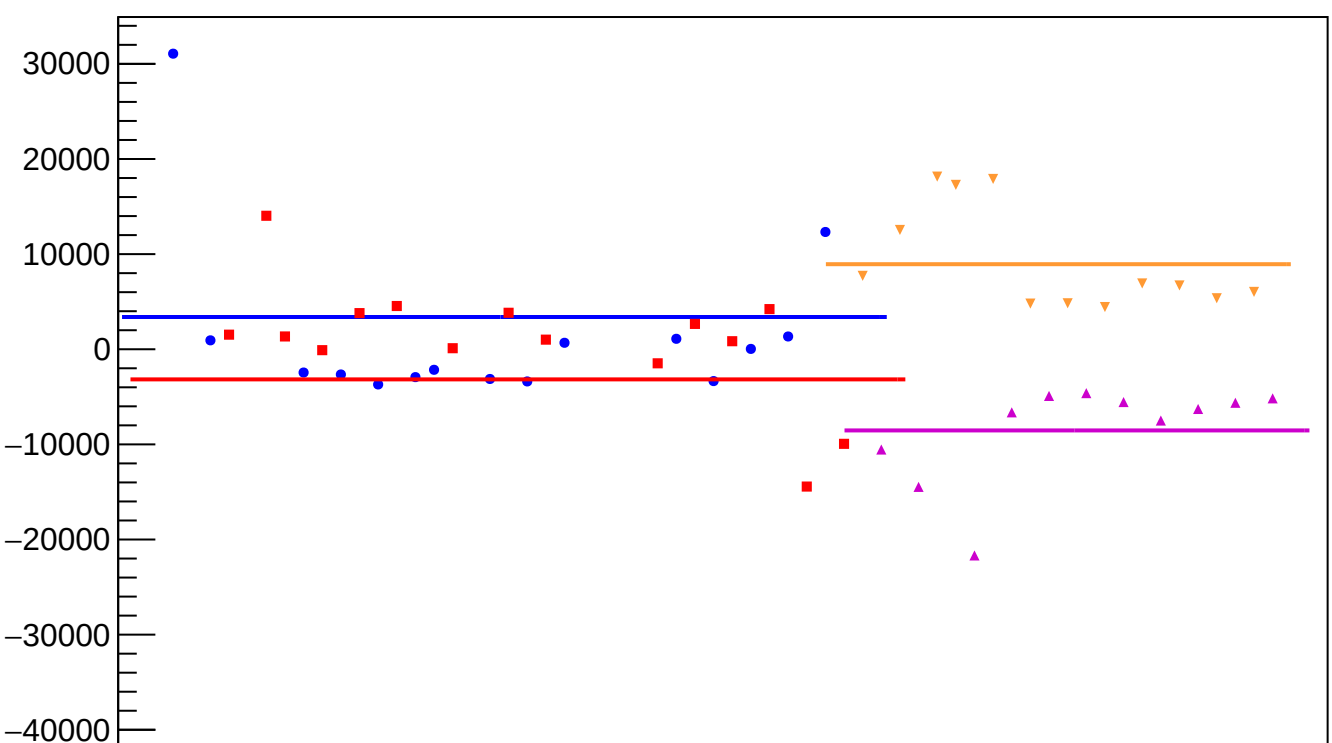
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: 156.909+/-0.000 χ^2/NDF: 1873655199537507

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 8941.712+/-0.000 χ^2/NDF:2275754272352997686292418962883726435942 4.0/11

In: -3613.388+/-0.000 χ^2/NDF:144369798447171

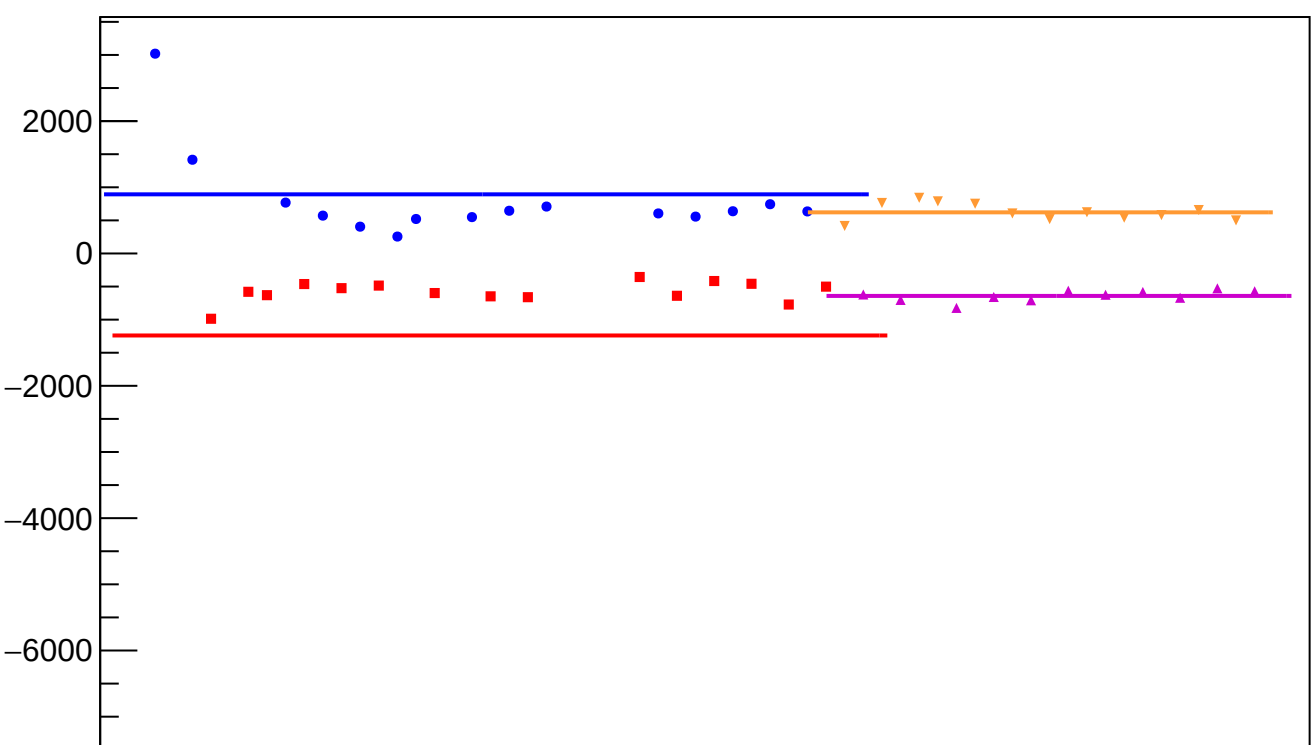
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3833.063+/-0.000 χ^2/NDF:217052558141828

Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10

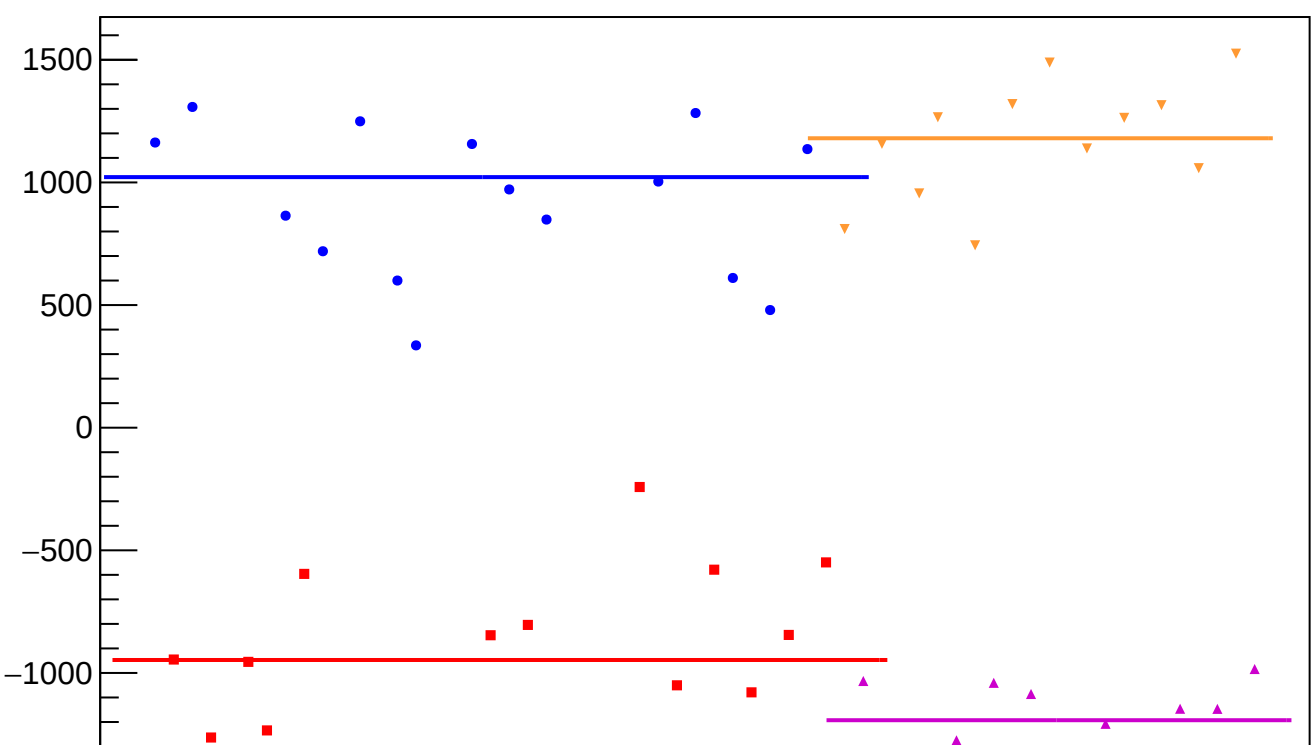
All: 119.281+/-0.000 χ^2/NDF: 40514411289 8

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: -13.483+/-0.000 χ^2/NDF: 7520936396903635
Right In: 893.683+/-0.000 χ^2/NDF: 334583619078631008932404228227359309824.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 621.395+/-0.000 χ^2/NDF:132207613490335953911830349302558883 84.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
Out: -163.603+/-0.000 χ^2/NDF:431923837770575
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -86.047+/-0.000 χ^2/NDF: 557740460848

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

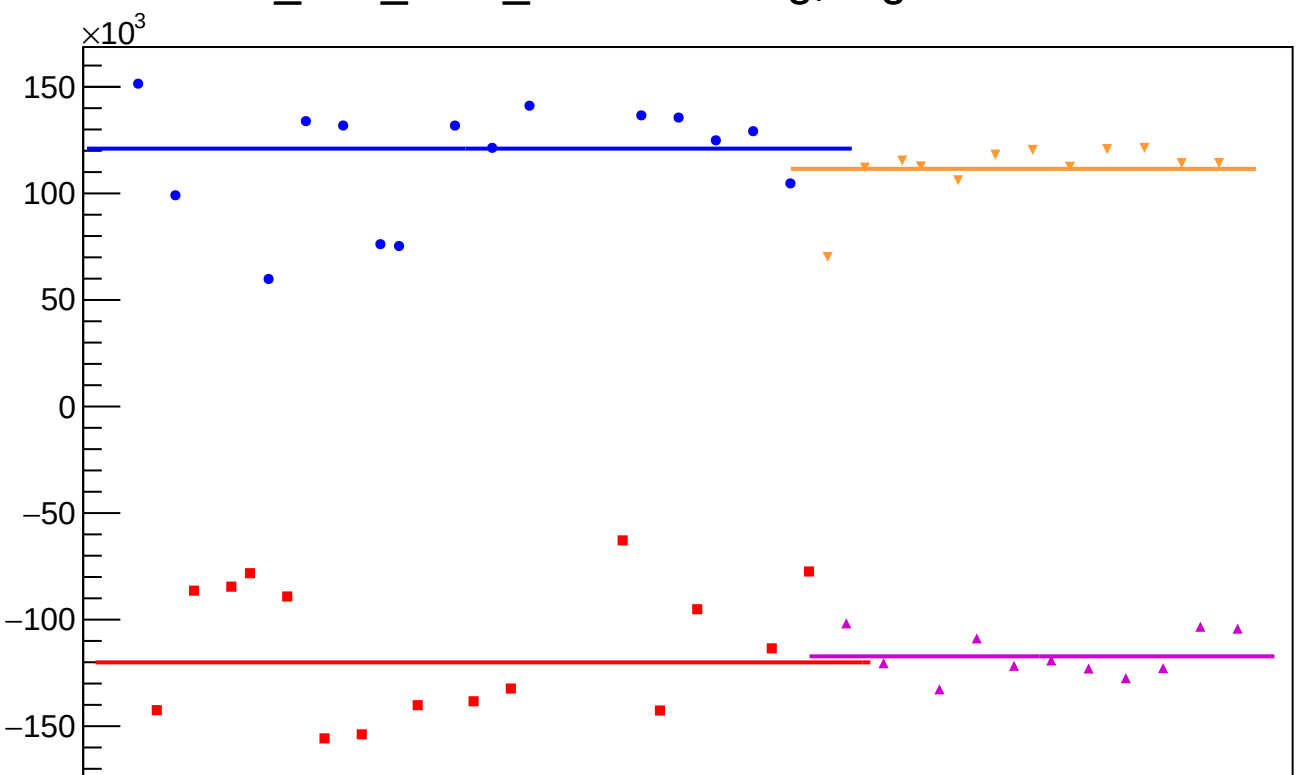
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

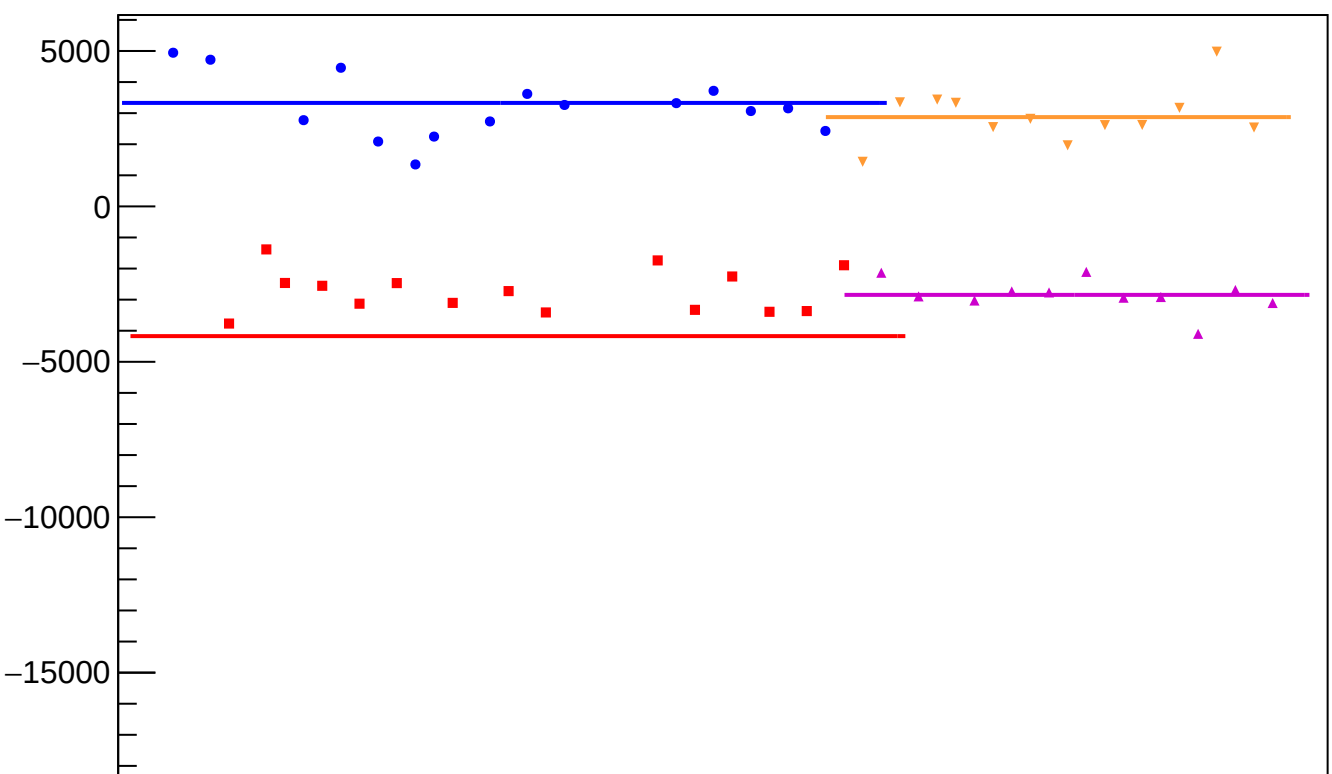
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -3475.224+/-0.000 χ^2/NDF: 24302392391152
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111531.681+/-0.000 χ^2/NDF:162724299829921950370834246417372913074176.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13826.359+/-0.000 χ^2/NDF:21672960026826
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2513.712+/-0.000 χ^2/NDF: 4461091057

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: -2.554+/-0.000 χ^2/NDF: 15921502408931202

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

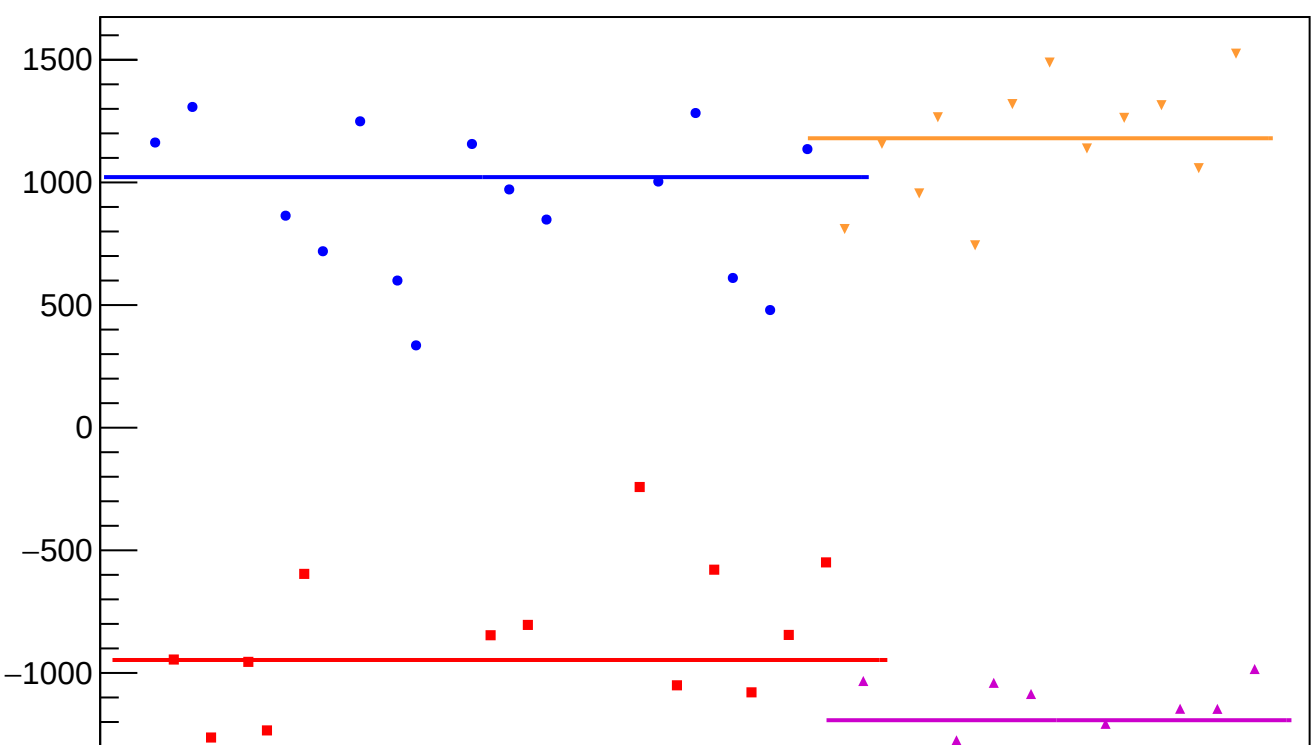
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -100.034+/-0.000 χ^2/NDF:333048130531602

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.965+/-0.000 χ^2/NDF: 48673924762

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

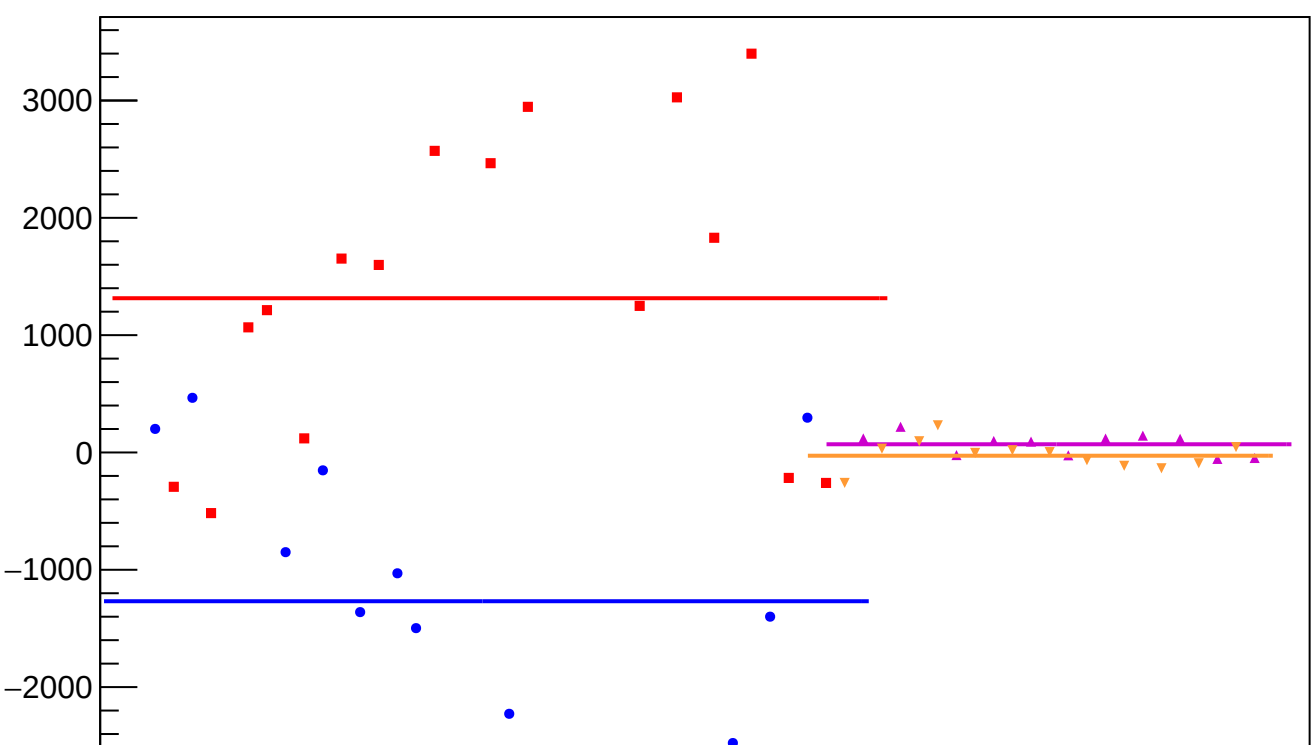
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

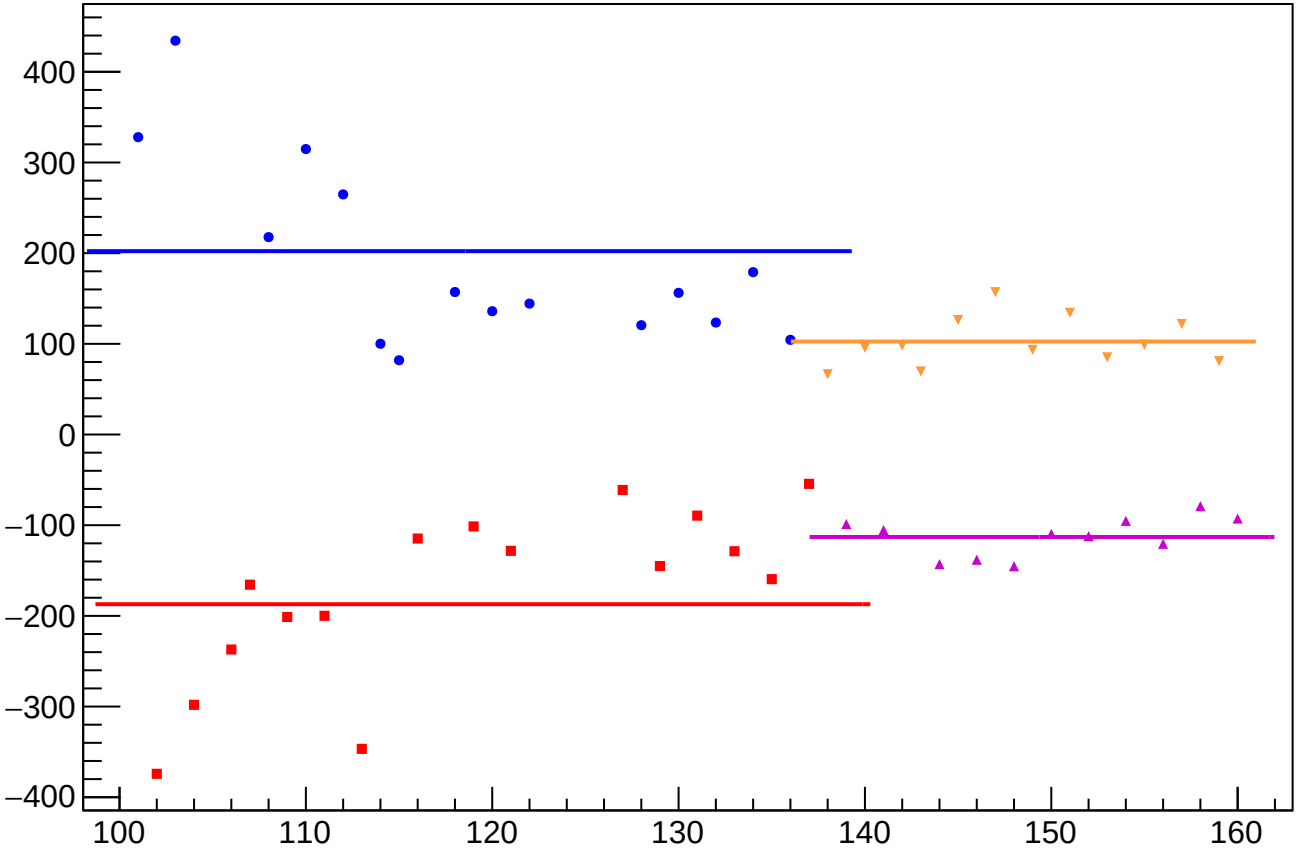
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 21.337+/-0.000 χ^2/NDF: 2367845786701889
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.745+/-0.000 χ^2/NDF:1240186629377638978240673319387127168.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 538.641+/-0.000 χ^2/NDF:1805860646471756
Left In: 69.887+/-0.000 χ^2/NDF:6896729055106095492675290775544659968.0/10
All: 29.548+/-0.000 χ^2/NDF: 4409076158029

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -5.804+/-0.000 χ^2/NDF: 22375229610691858

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950 6

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

In: 17.055+/-0.000 χ^2/NDF:4529601533384929 0

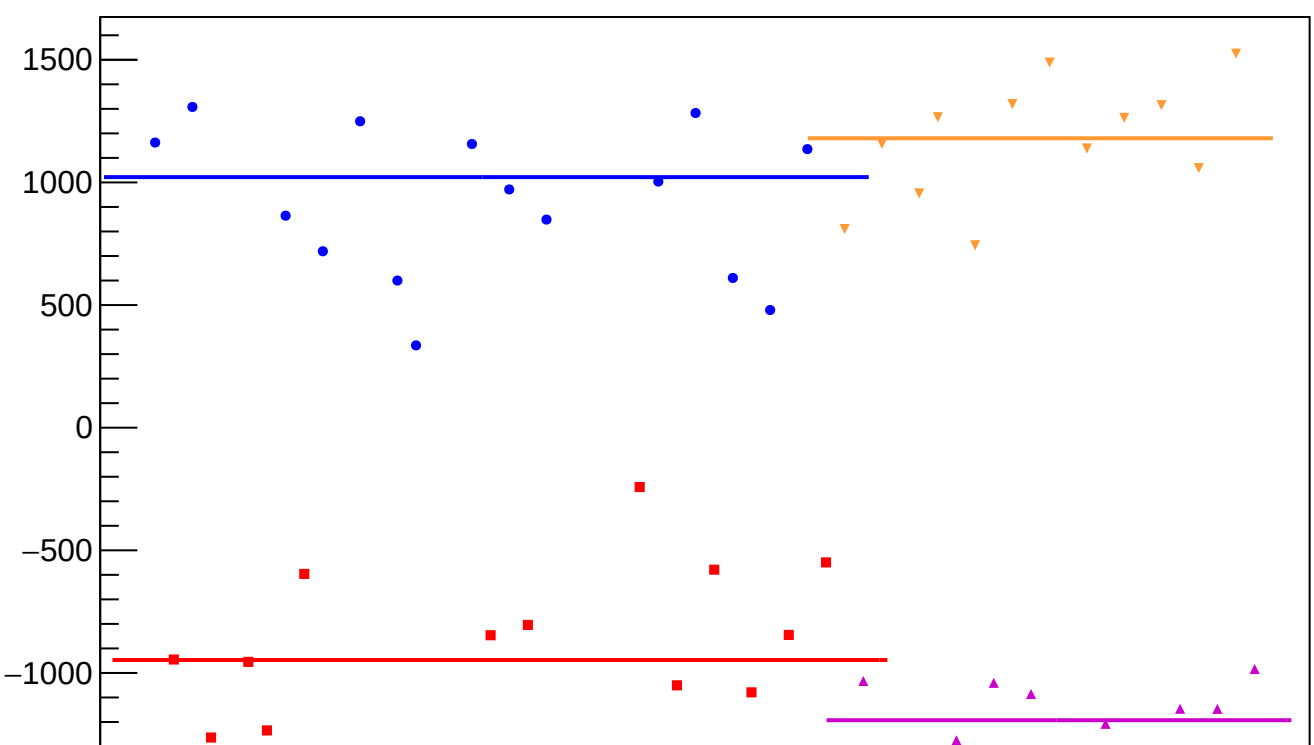
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.662+/-0.000 χ^2/NDF:3921793544057525

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.350+/-0.000 χ^2/NDF: 8557691672482

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

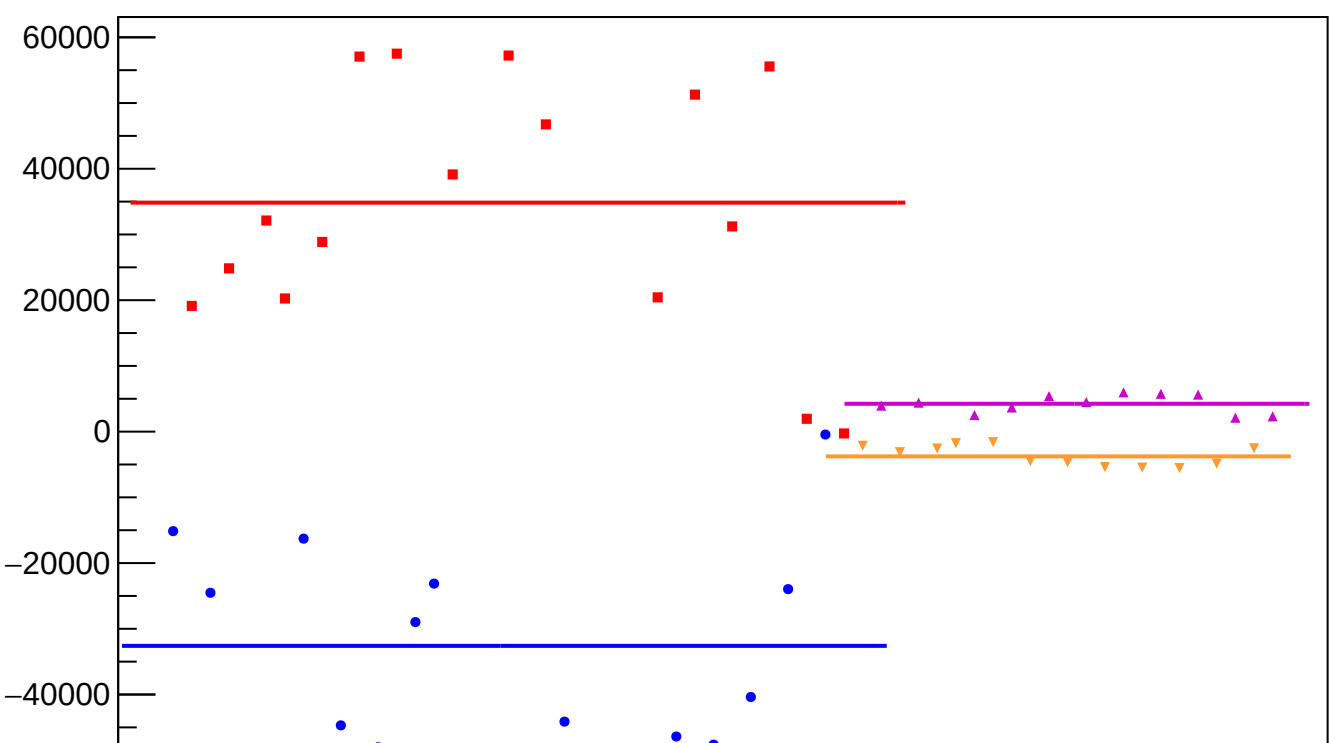
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

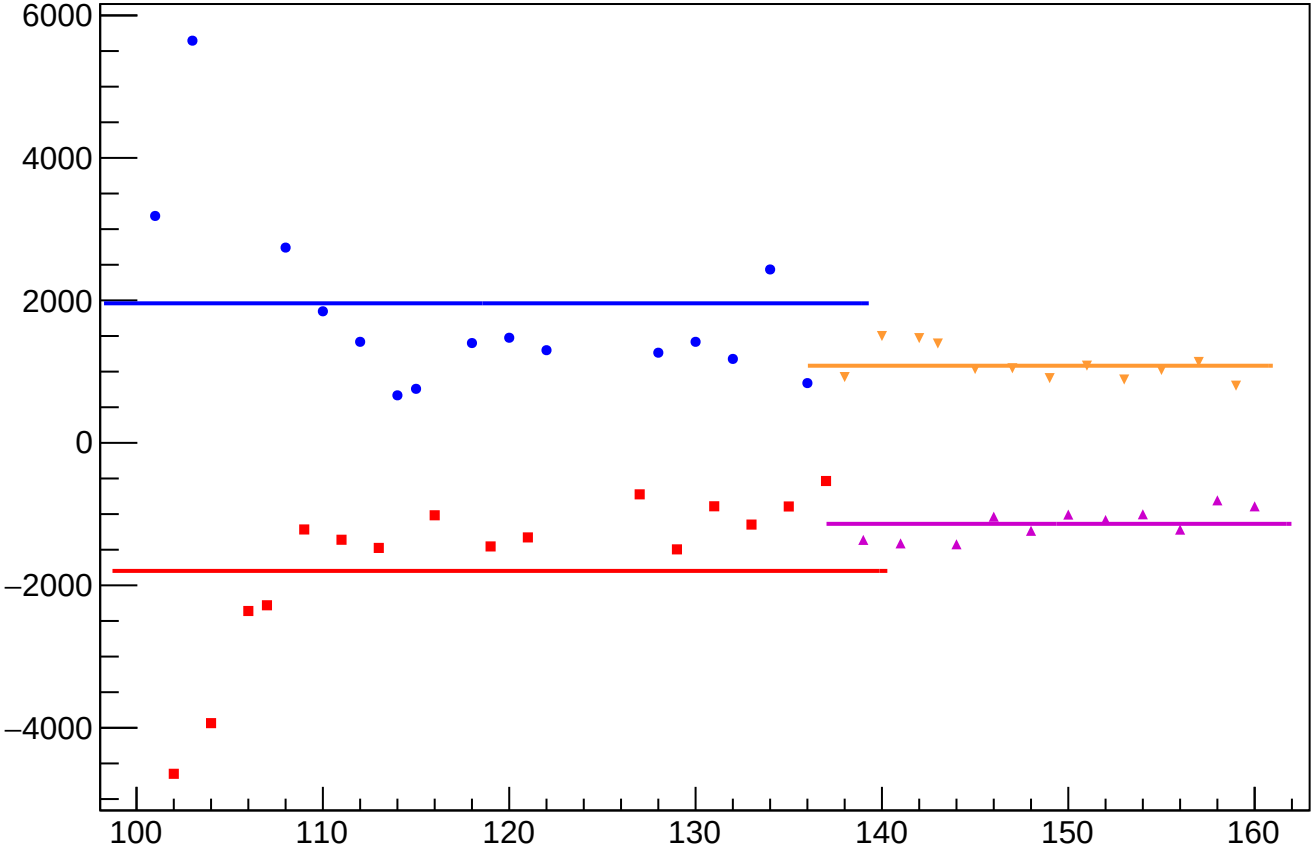
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: 258.769+/-0.000 χ^2/NDF: 3307838906782510
Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -3764.764+/-0.000 χ^2/NDF:1969097651481267133720686593450373545984.0/11
In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
Out: 12525.397+/-0.000 χ^2/NDF:7980109281669 6
Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10
All: 813.296+/-0.000 χ^2/NDF: 19609070541 3

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -33.022+/-0.000 χ^2/NDF: 2342623451337331

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

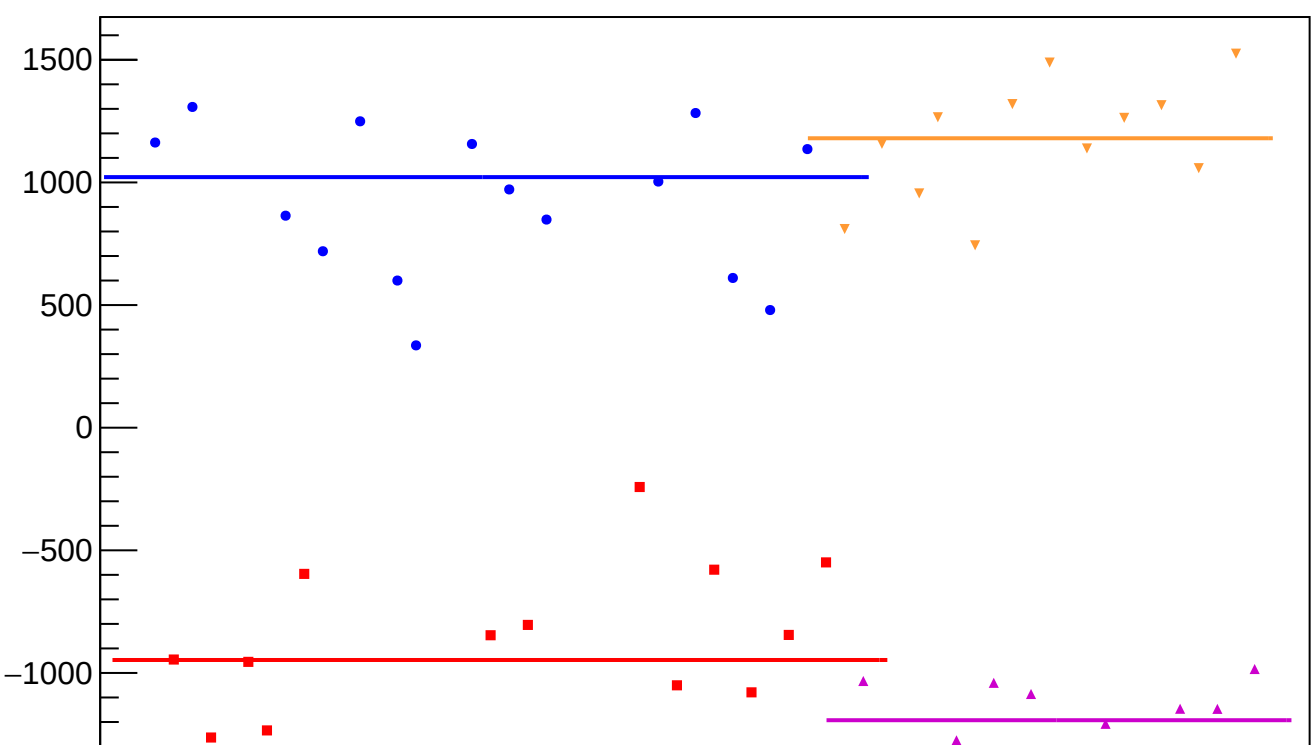
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.327+/-0.000 χ^2/NDF:419623322015972

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.718+/-0.000 χ^2/NDF: 9134060459030

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

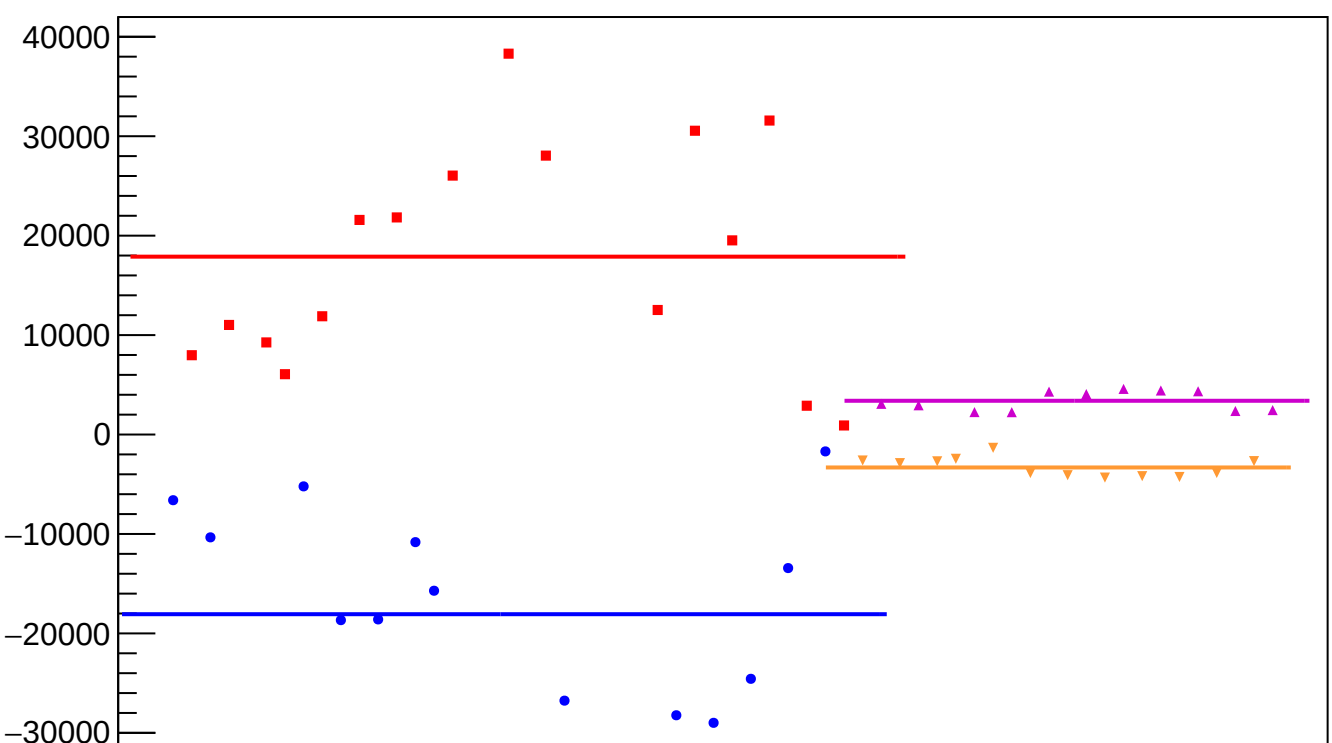
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

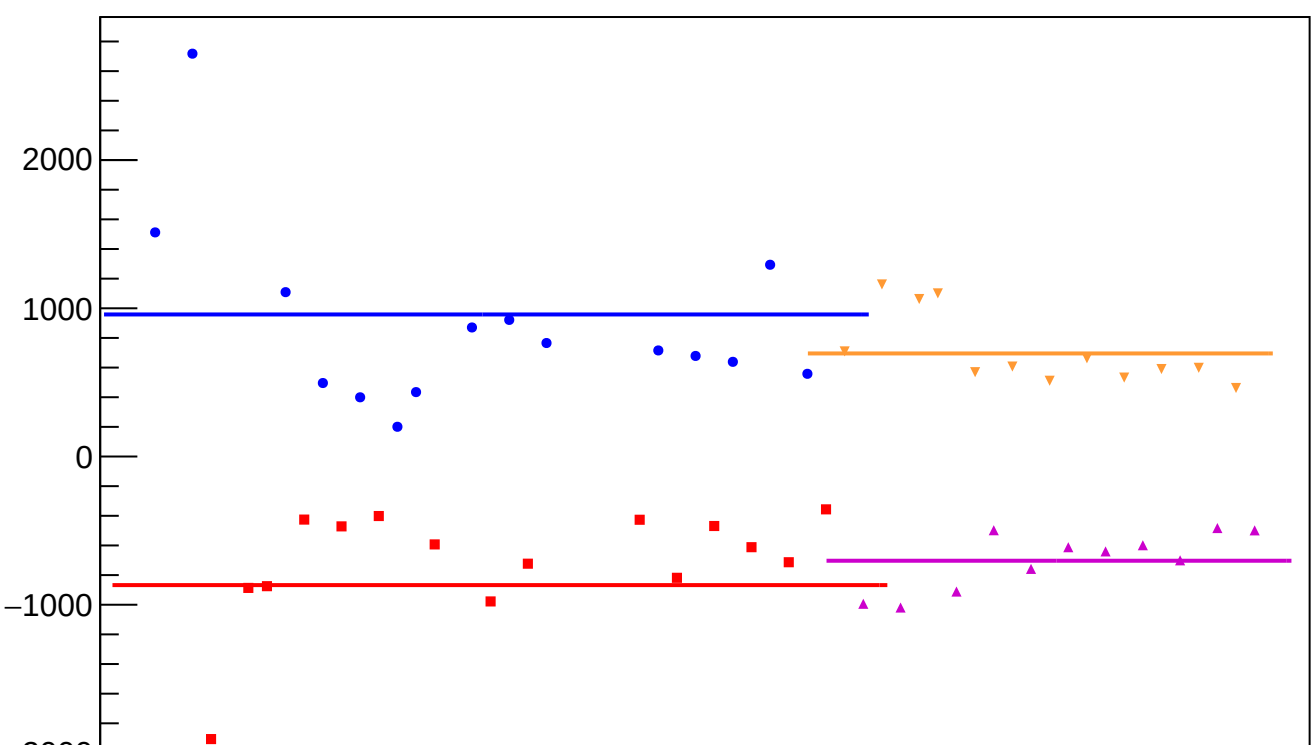
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: 59.413+/-0.000 χ^2/NDF: 2224729910575058
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5632.022+/-0.000 χ^2/NDF:2524906041303 67
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.590+/-0.000 χ^2/NDF: 6102518020061

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: -7.711+/-0.000 χ^2/NDF: 97874173707649304

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

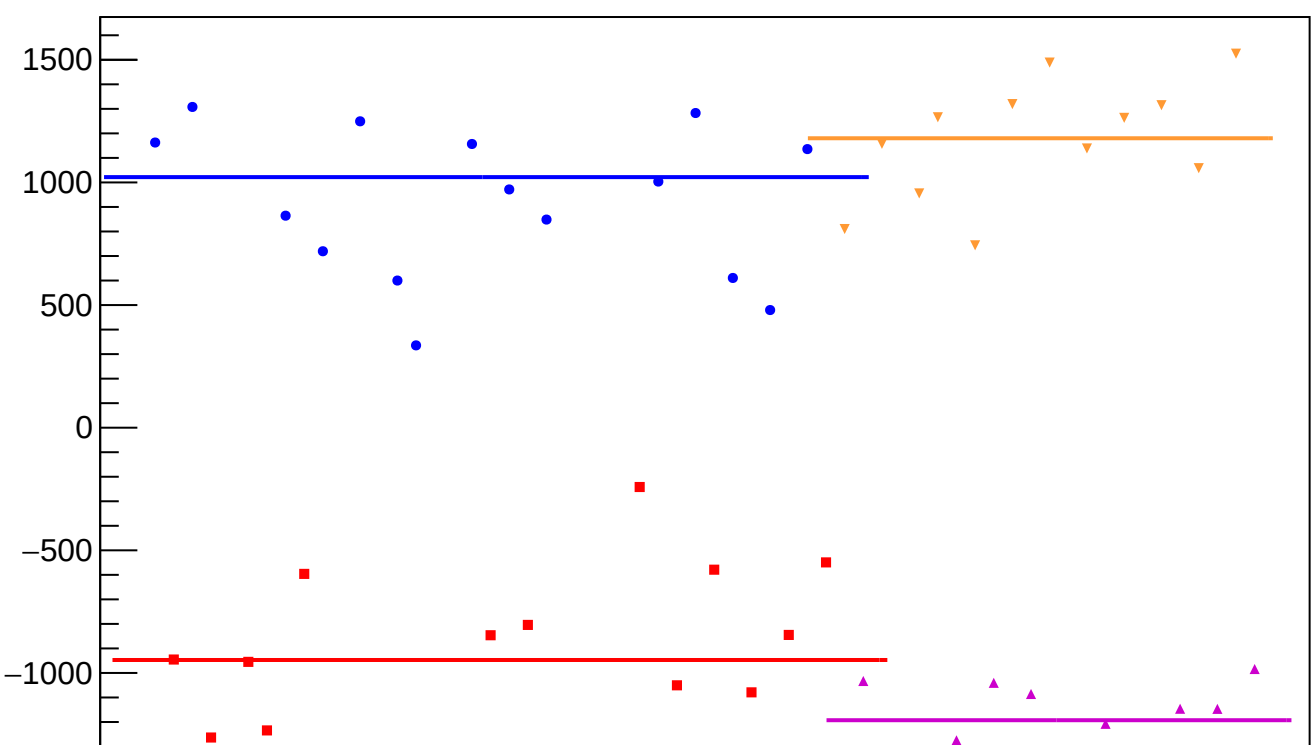
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.995+/-0.000 χ^2/NDF:1206021734950956 6

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.254+/-0.000 χ^2/NDF: 2557581834609 8

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

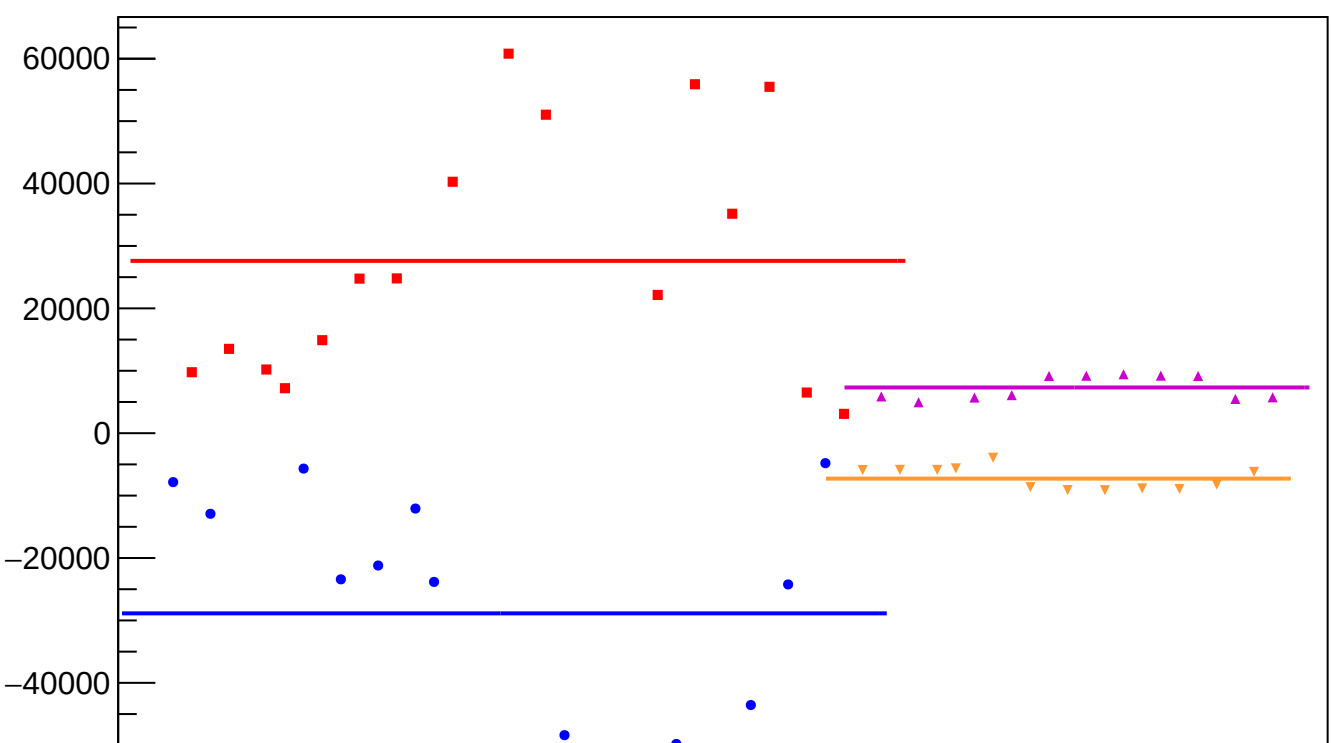
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

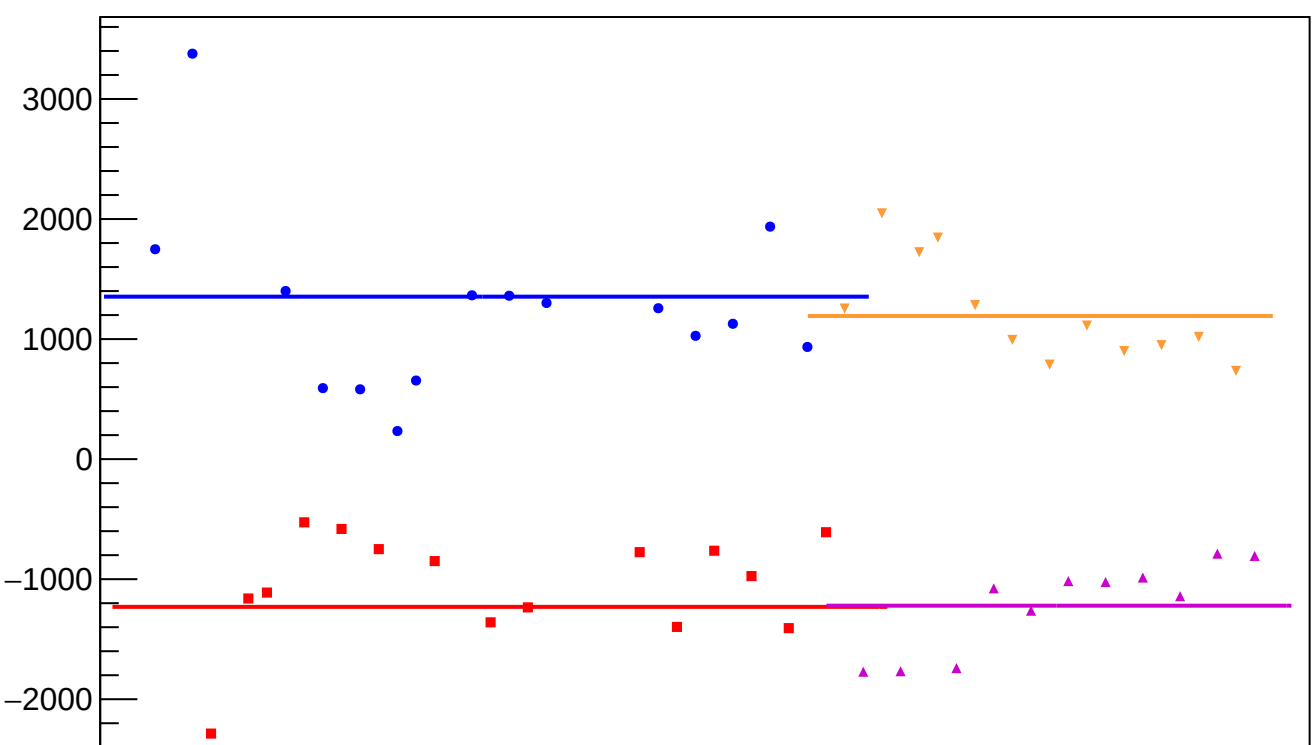
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: 63.330+/-0.000 χ^2/NDF: 10376898900763943
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7277.886+/-0.000 χ^2/NDF:273886730591809806831738823923410455756 8.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7441.143+/-0.000 χ^2/NDF:720201732002610
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.332+/-0.000 χ^2/NDF: 166268033579

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: -20.807+/-0.000 χ^2/NDF: 2942660248465198

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

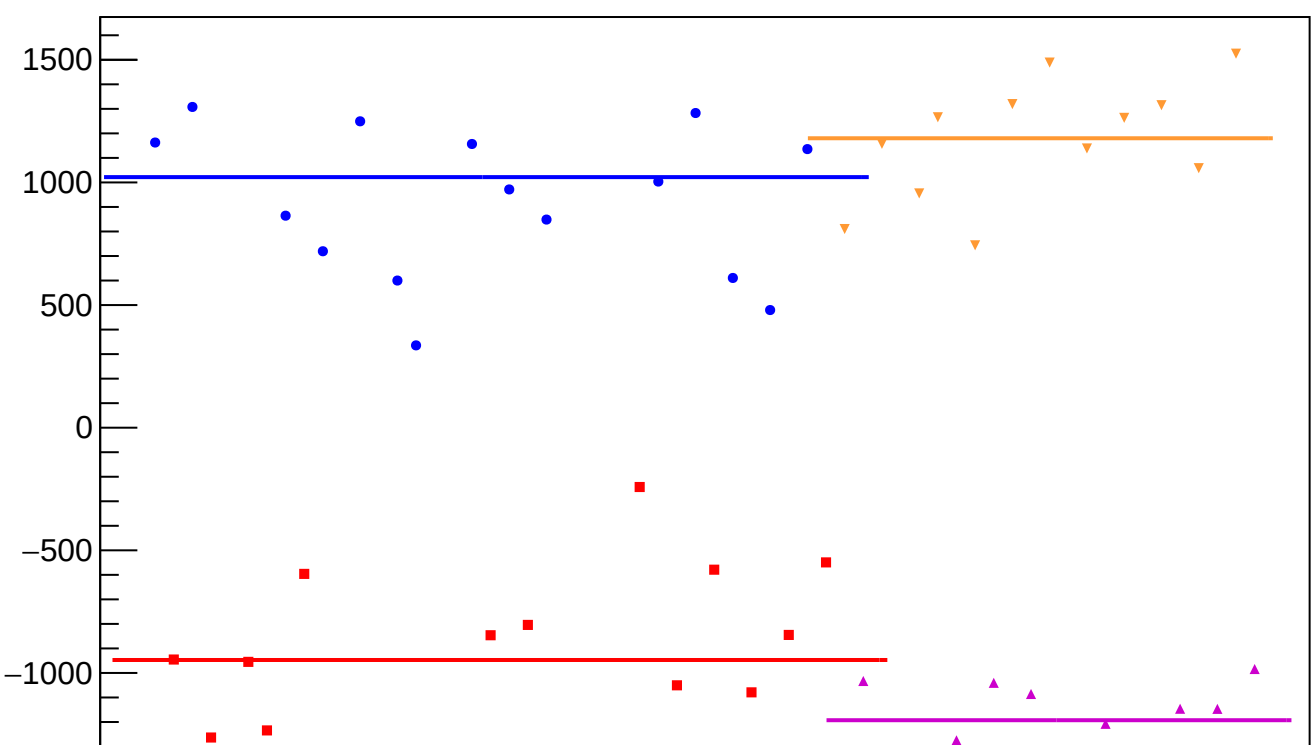
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 170.087+/-0.000 χ^2/NDF:2691556918692435

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.116+/-0.000 χ^2/NDF: 5772148977032 9

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

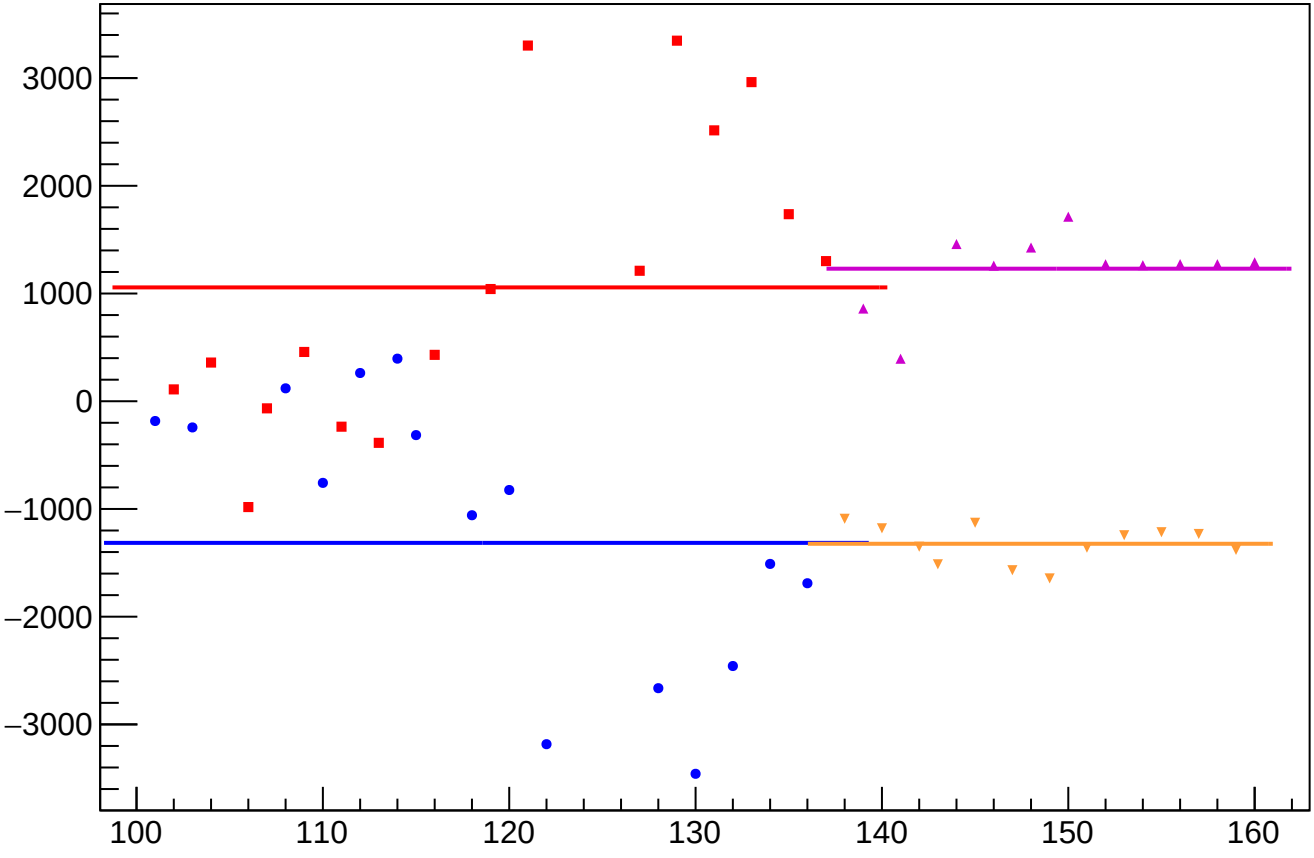
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

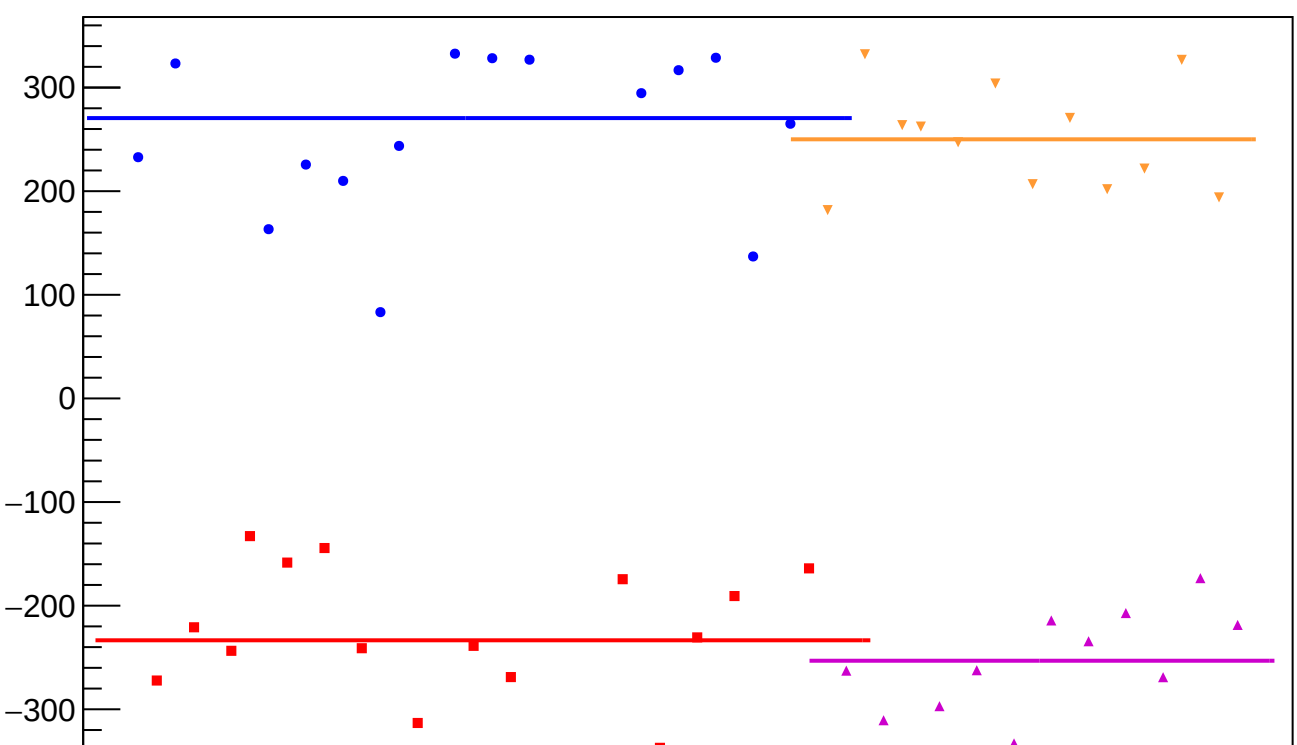
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -39.410+/-0.000 χ^2/NDF: 3123799611158754
Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15
Out: -319.095+/-0.000 χ^2/NDF:333836126374439
Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10
All: -70.027+/-0.000 χ^2/NDF: 707118050555

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -2.914+/-0.000 χ^2/NDF: 12065657526575144

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

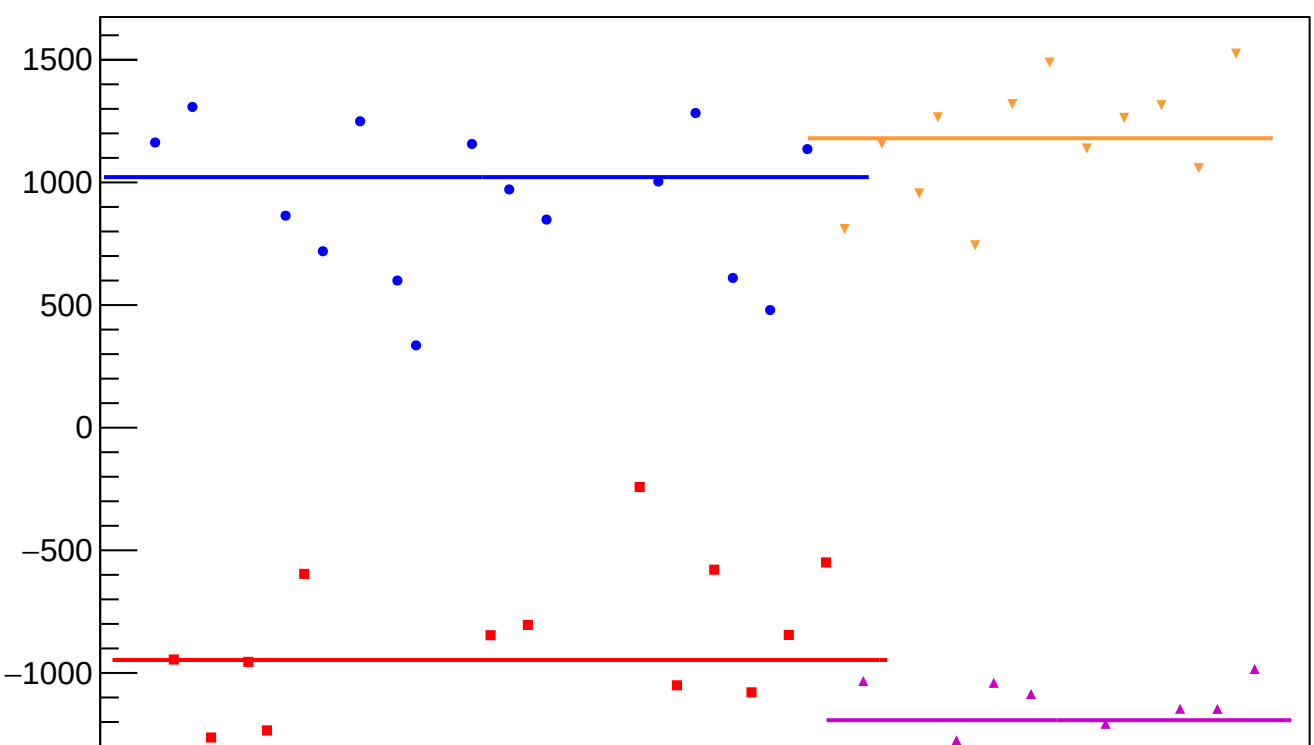
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 46.084+/-0.000 χ^2/NDF:9551225449196464 5

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.607+/-0.000 χ^2/NDF: 20997016075743

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

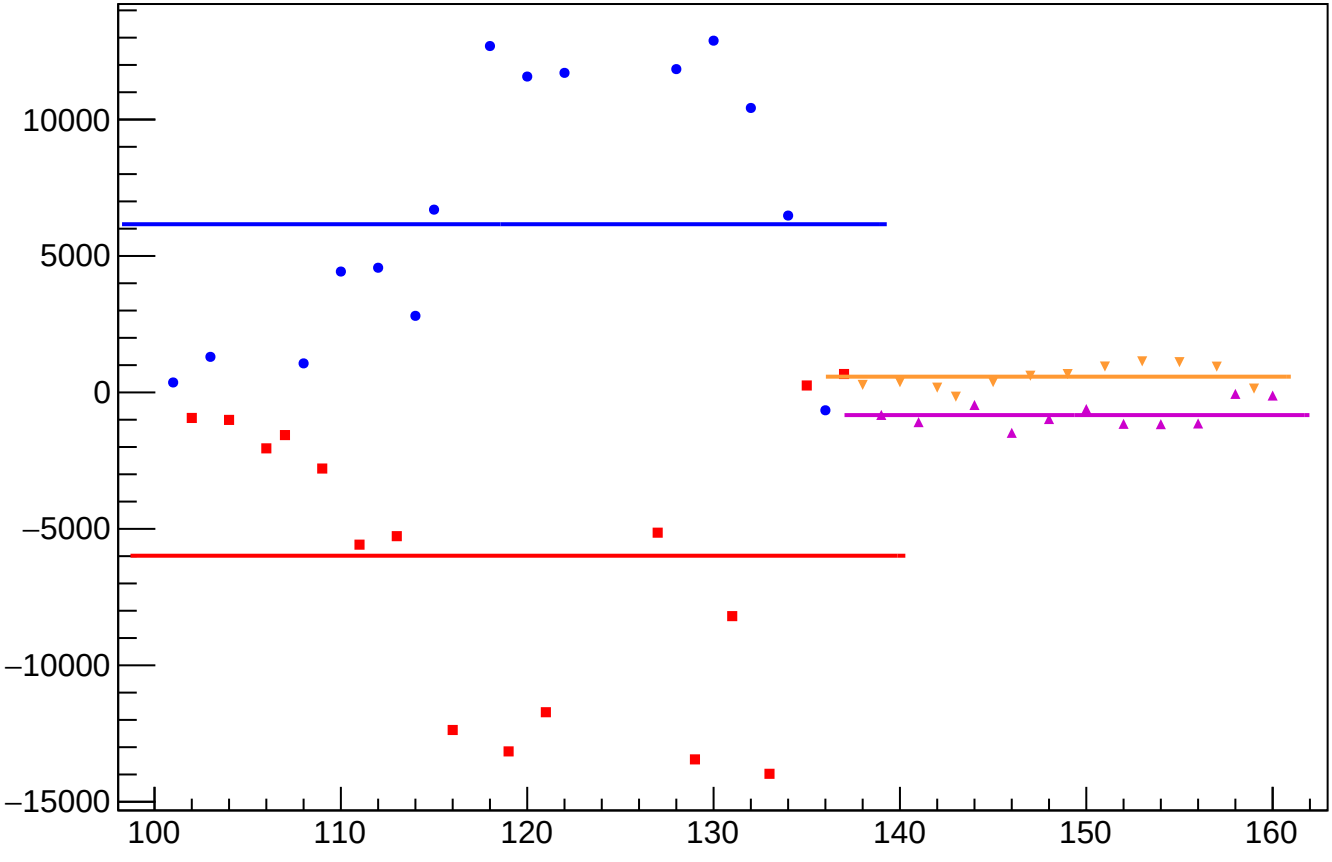
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -130.481+/-0.000 χ^2/NDF: 122705160360500

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

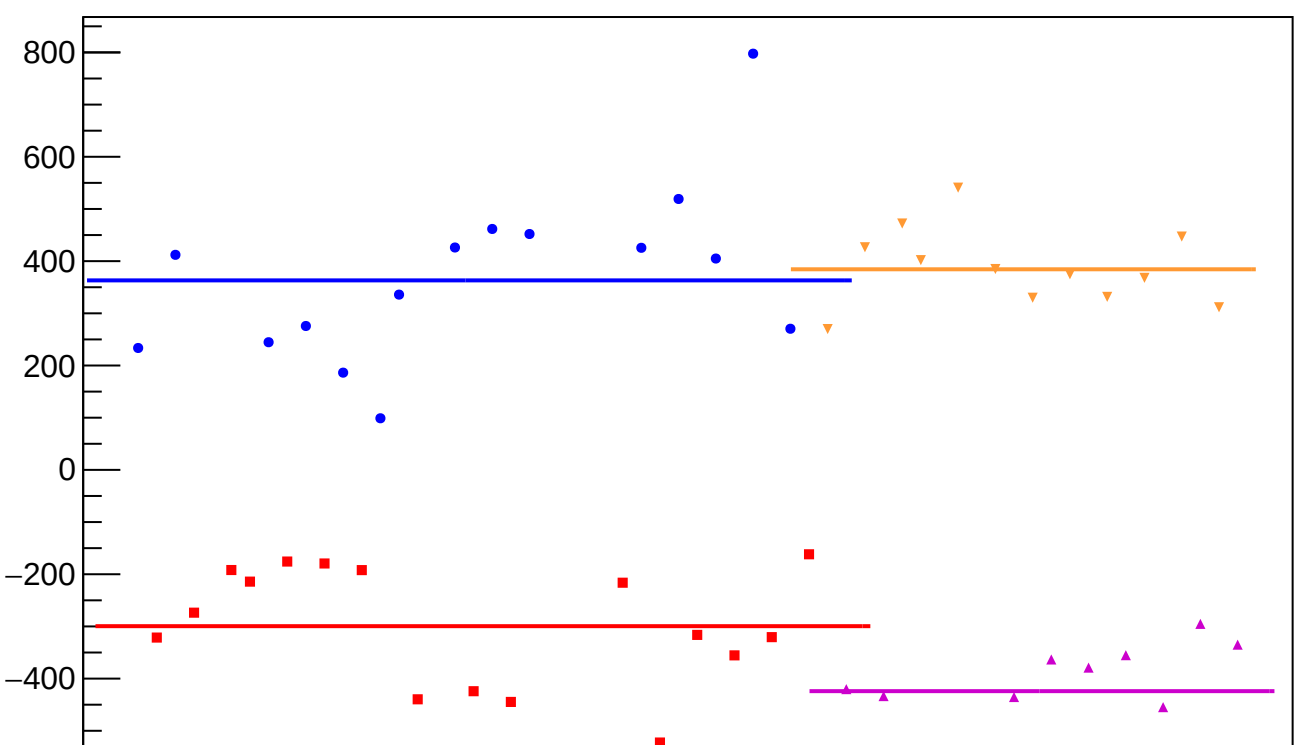
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2190.770+/-0.000 χ^2/NDF:34248915694866

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.239+/-0.000 χ^2/NDF: 854846167938

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -22.018+/-0.000 χ^2/NDF: 3128182165483401

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

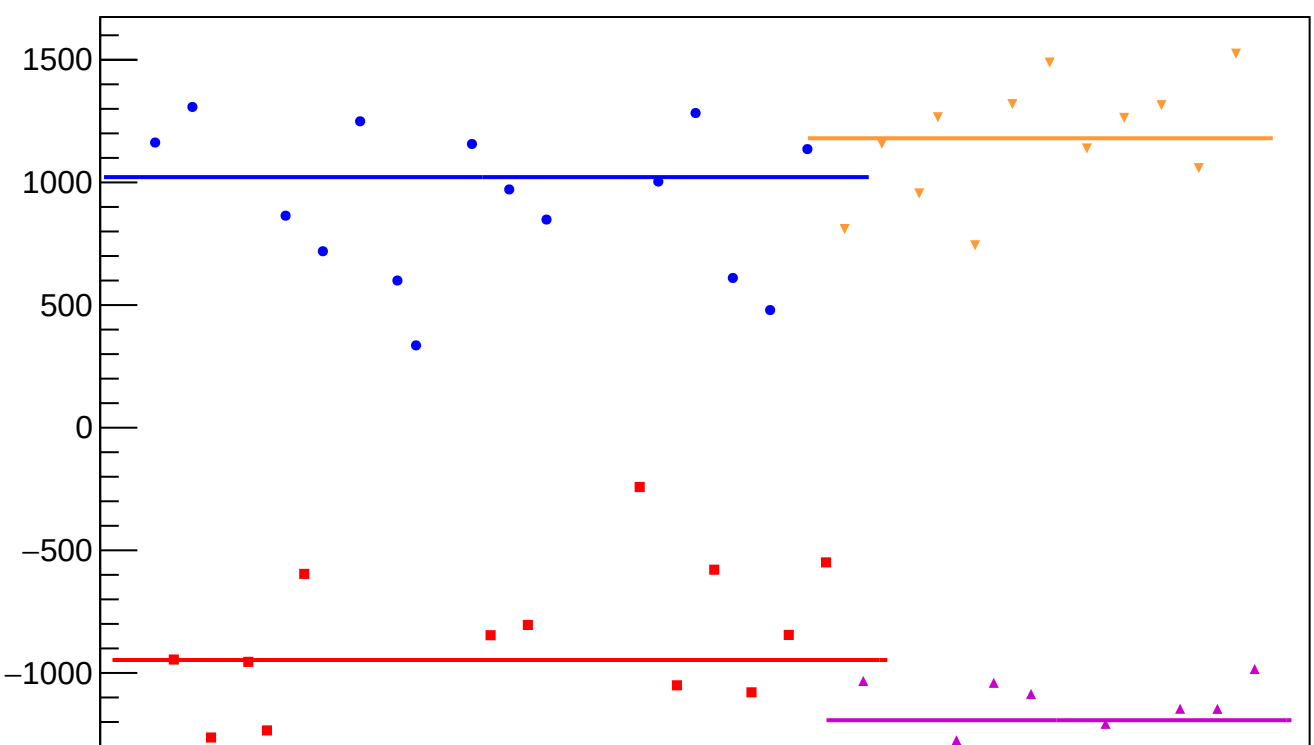
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.865+/-0.000 χ^2/NDF:1927486409807693 5

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.449+/-0.000 χ^2/NDF: 4783076167376

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:192909078825431 9

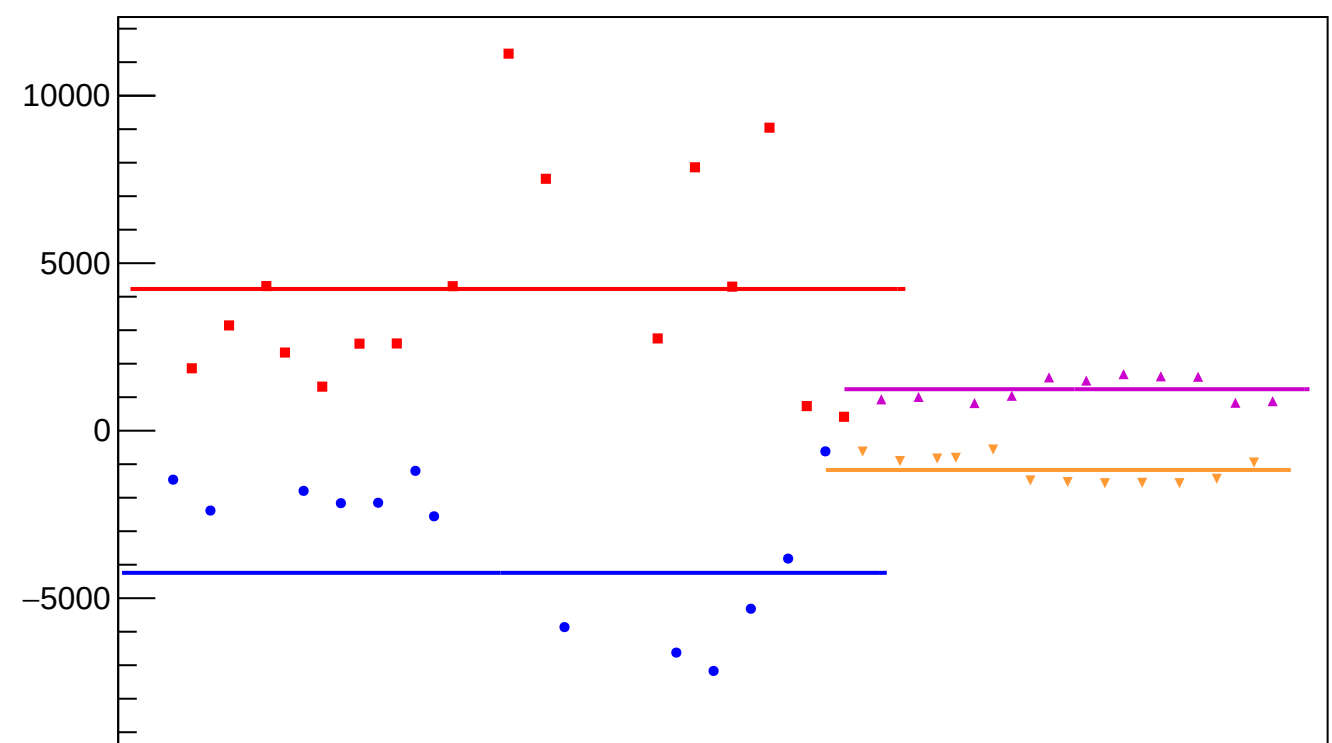
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 40.054+/-0.000 χ^2/NDF: 2918723631424919

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

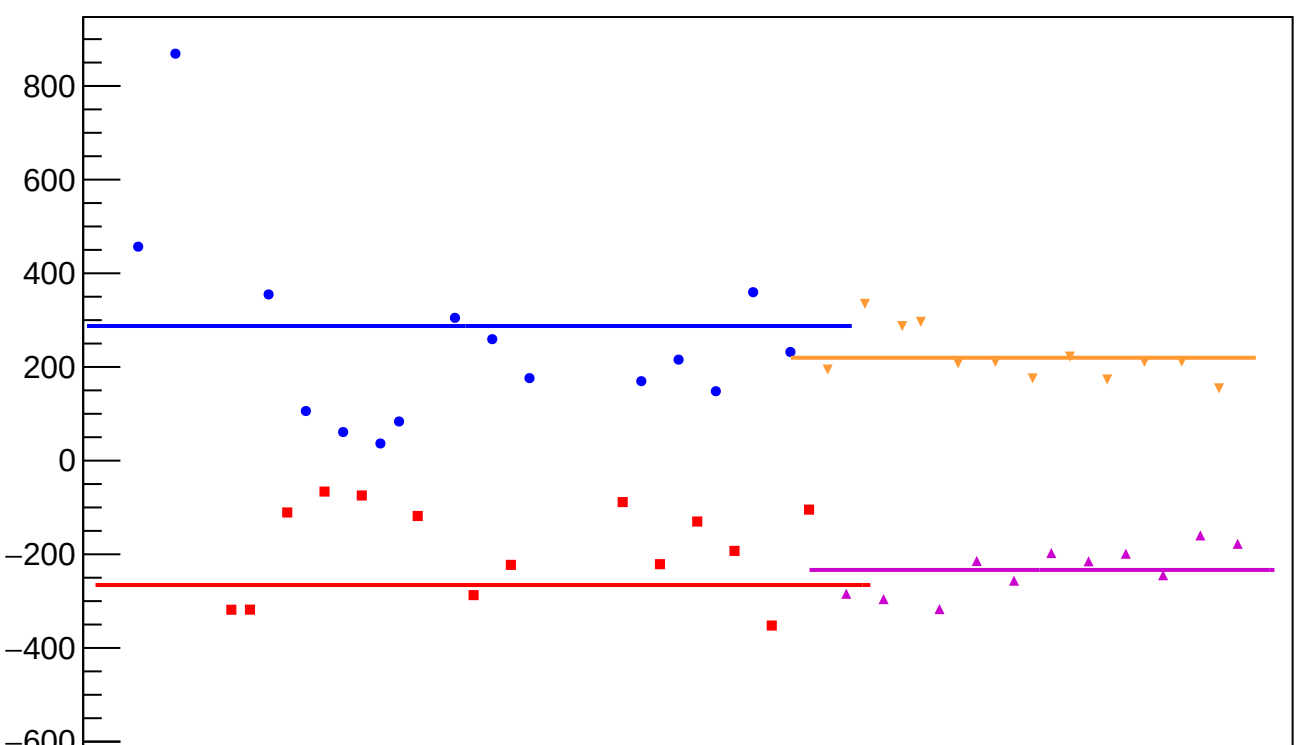
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1107.560+/-0.000 χ^2/NDF:180754931945864

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.184+/-0.000 χ^2/NDF: 4000063219777

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -8.095+/-0.000 χ^2/NDF: 98946310660581678

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 219.672+/-0.000 χ^2/NDF:2455507522676926762328692419180101632.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

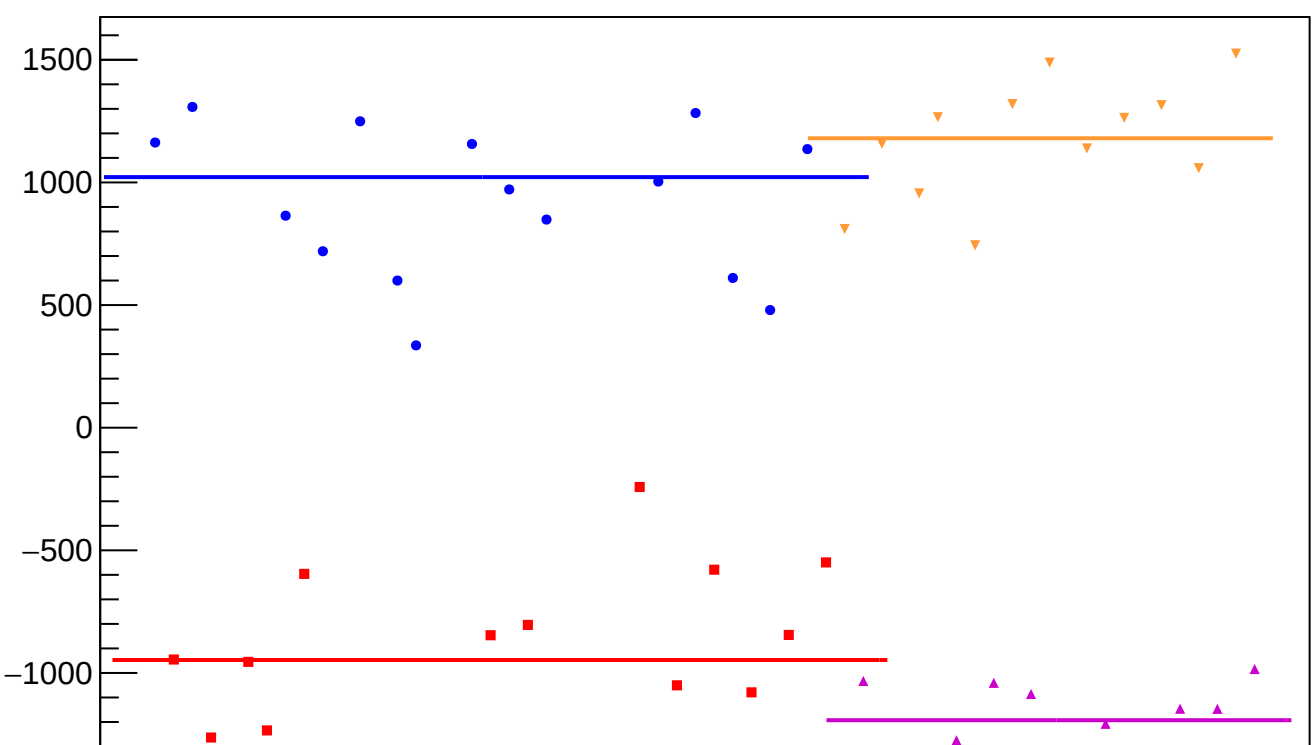
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.946+/-0.000 χ^2/NDF:11910121360268258

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.734+/-0.000 χ^2/NDF: 2550962914121

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

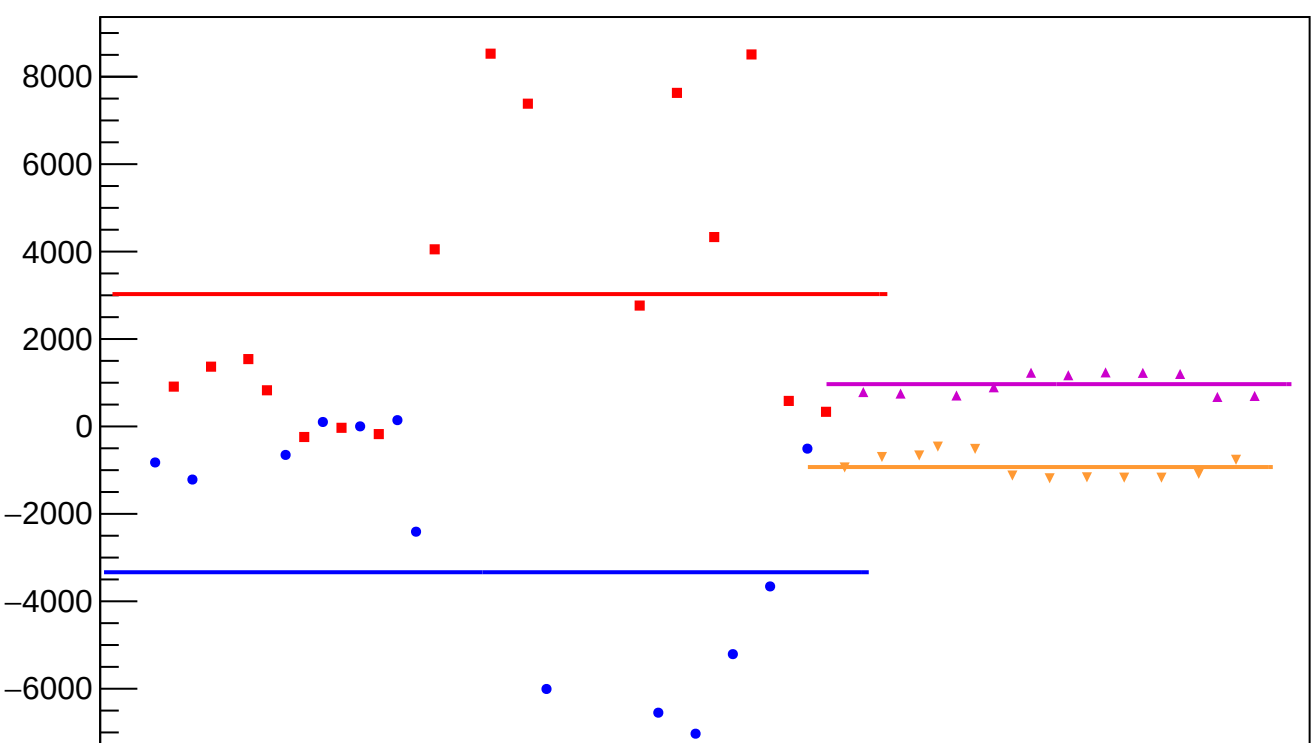
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

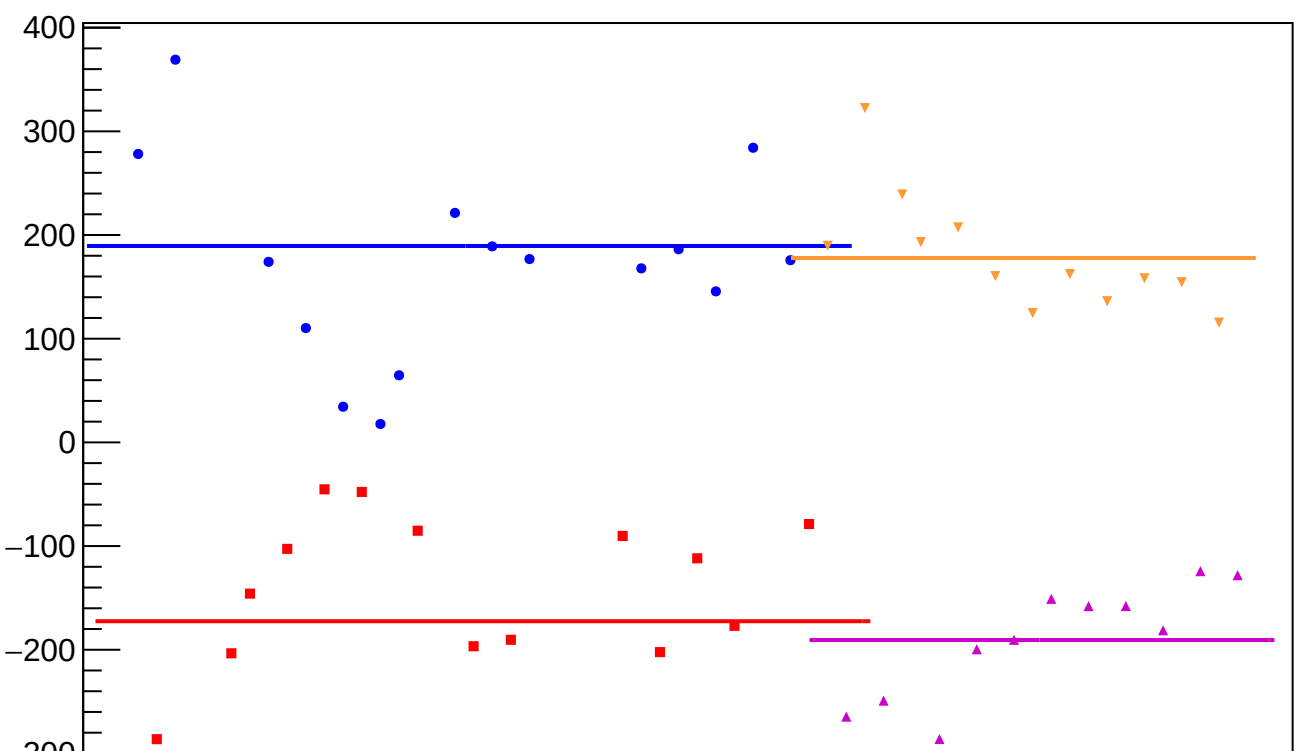
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: 24.512+/-0.000 χ^2/NDF: 17662313982822156
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 740.311+/-0.000 χ^2/NDF:1318448638352381
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.746+/-0.000 χ^2/NDF: 285218808380

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -7.418+/-0.000 χ^2/NDF: 67707857548229784

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

In: -33.824+/-0.000 χ^2/NDF:62316992098402396

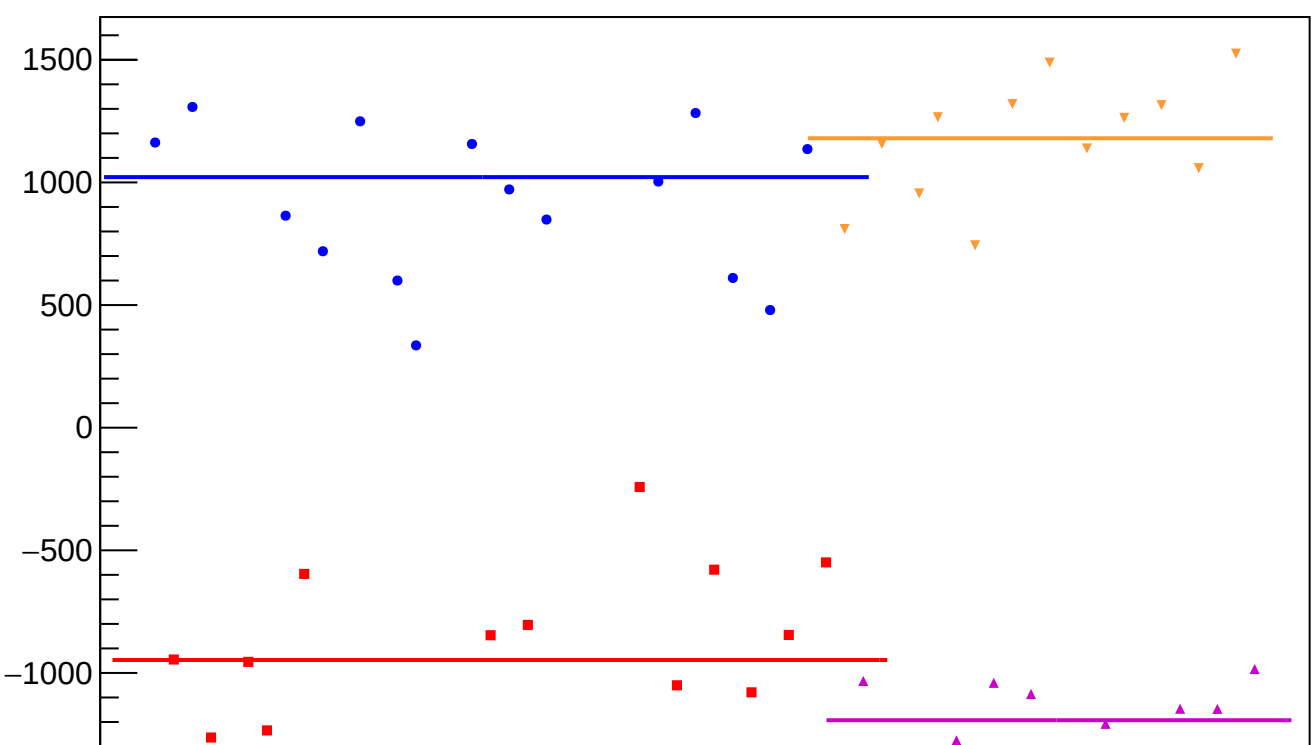
Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

Out: 30.026+/-0.000 χ^2/NDF:5570432113857539 0

Left In: -190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

All: -1.818+/-0.000 χ^2/NDF: 1212358862395

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

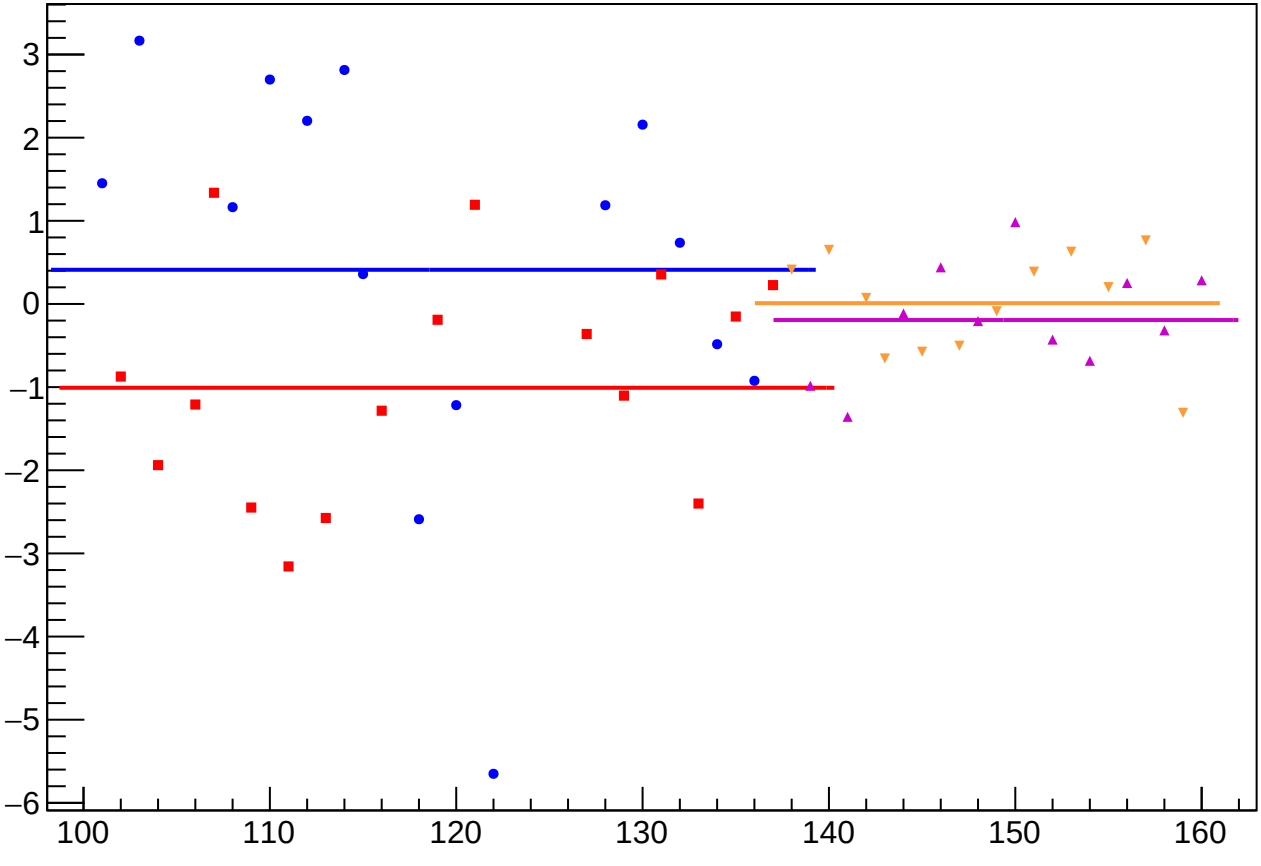
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.092+/-0.000 χ^2/NDF: 75962986262153938

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774 0

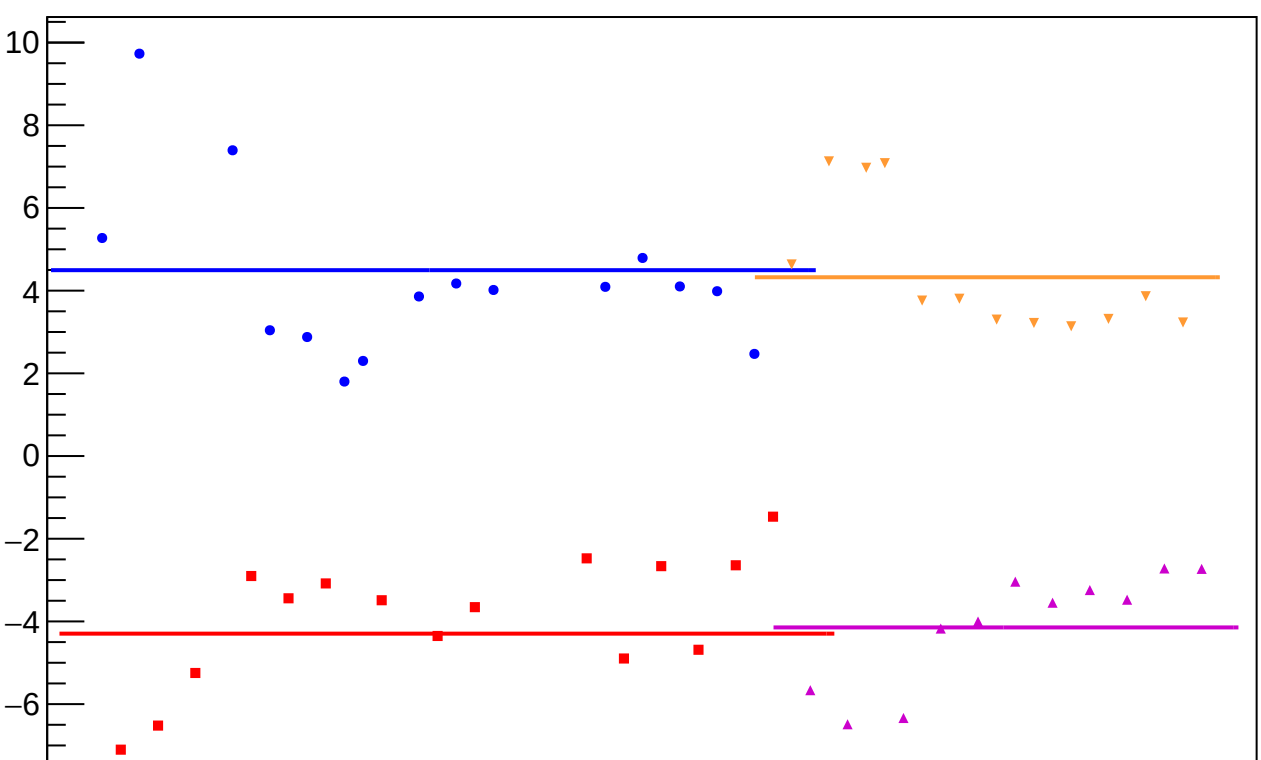
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.420+/-0.000 χ^2/NDF:1882127563967702 6

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5971597389441

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.066+/-0.000 χ^2/NDF: 366281962464816002

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.324+/-0.000 χ^2/NDF:20255349693889500584071091191808 00.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

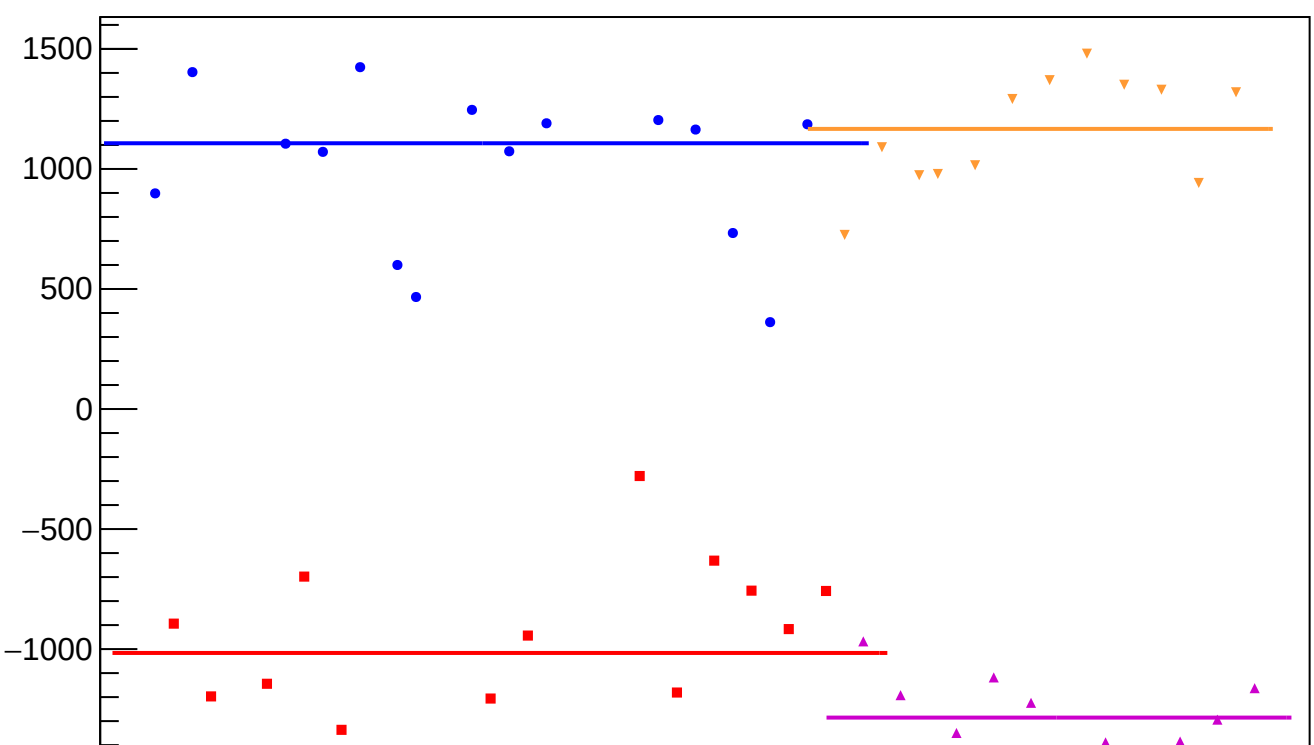
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

Out: 0.687+/-0.000 χ^2/NDF:32685168492673519 3

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6680227054433 8

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

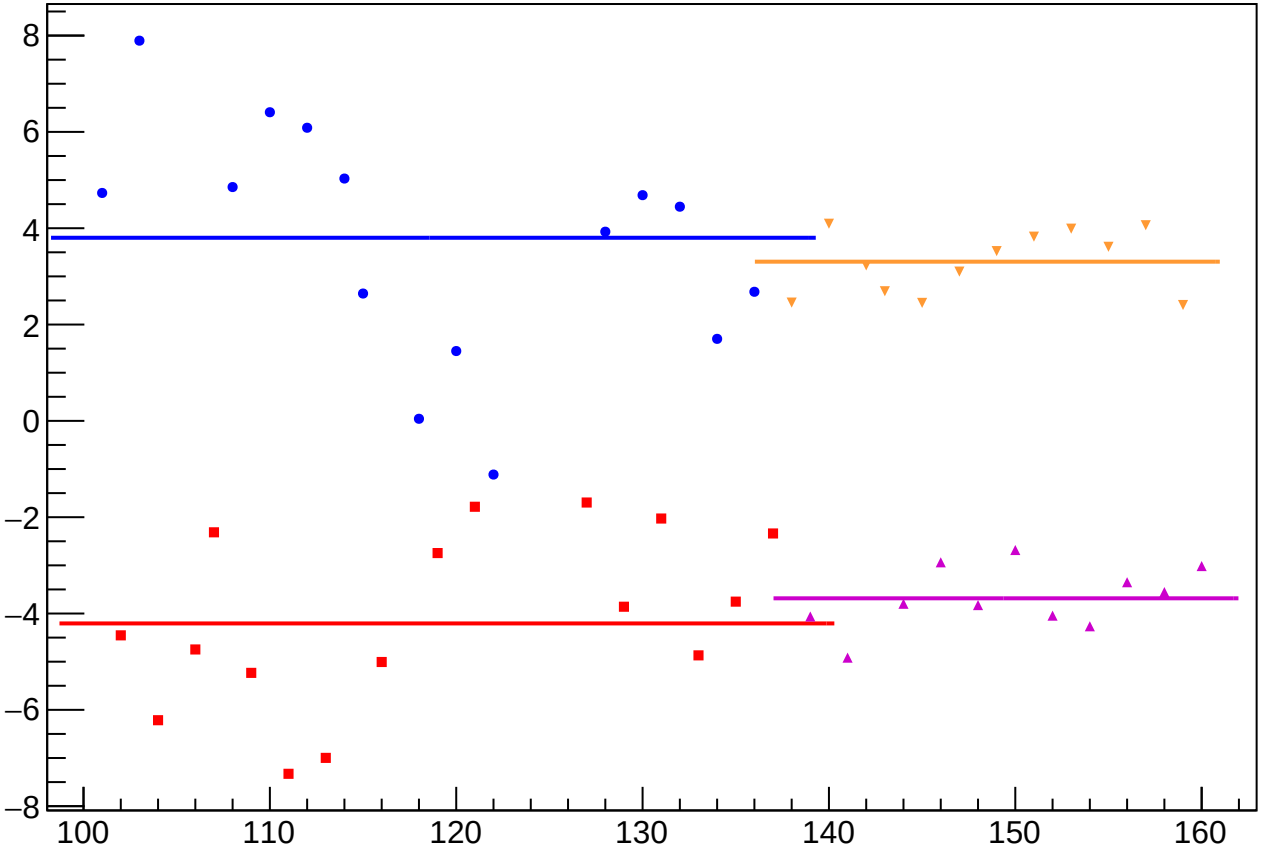
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.208+/-0.000 χ^2/NDF: 23190007997846699

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

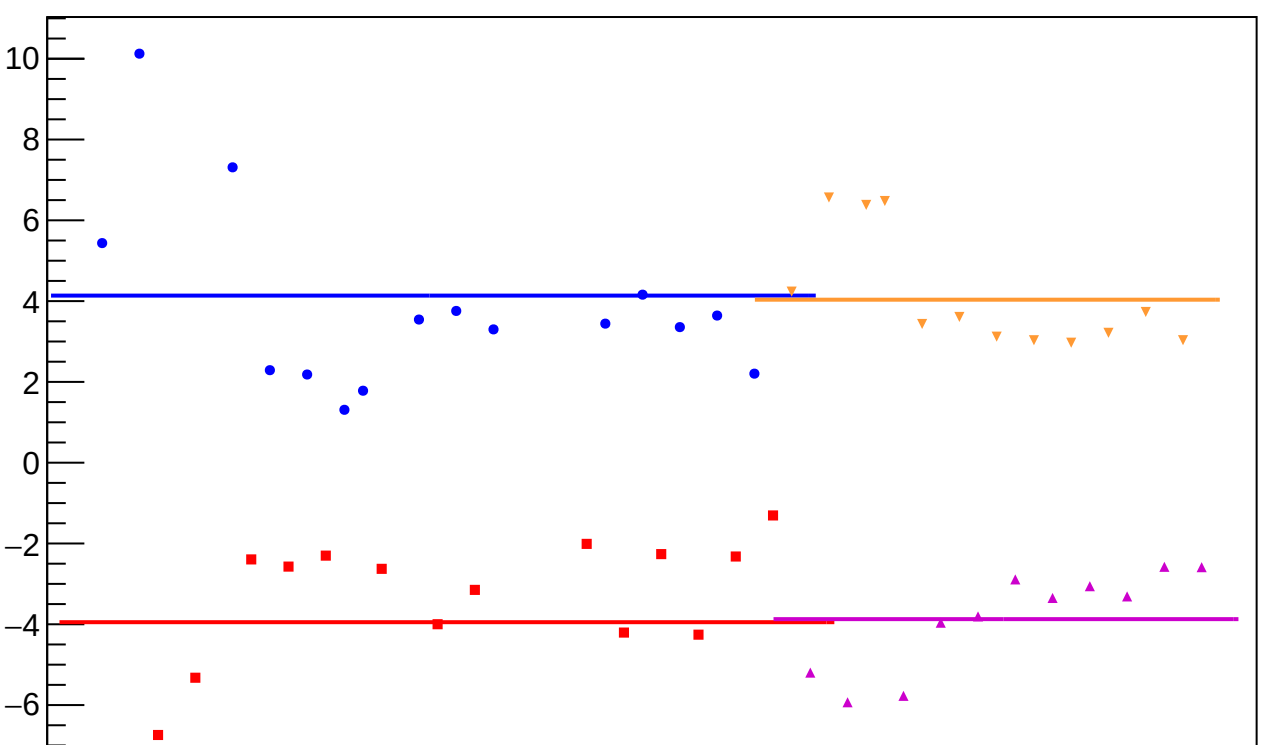
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.137+/-0.000 χ^2/NDF:24226870849335382 7

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

All: -0.229+/-0.000 χ^2/NDF: 5017617766780

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.060+/-0.000 χ^2/NDF: 316216539127816530

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

In: -0.568+/-0.000 χ^2/NDF:292407298934601756

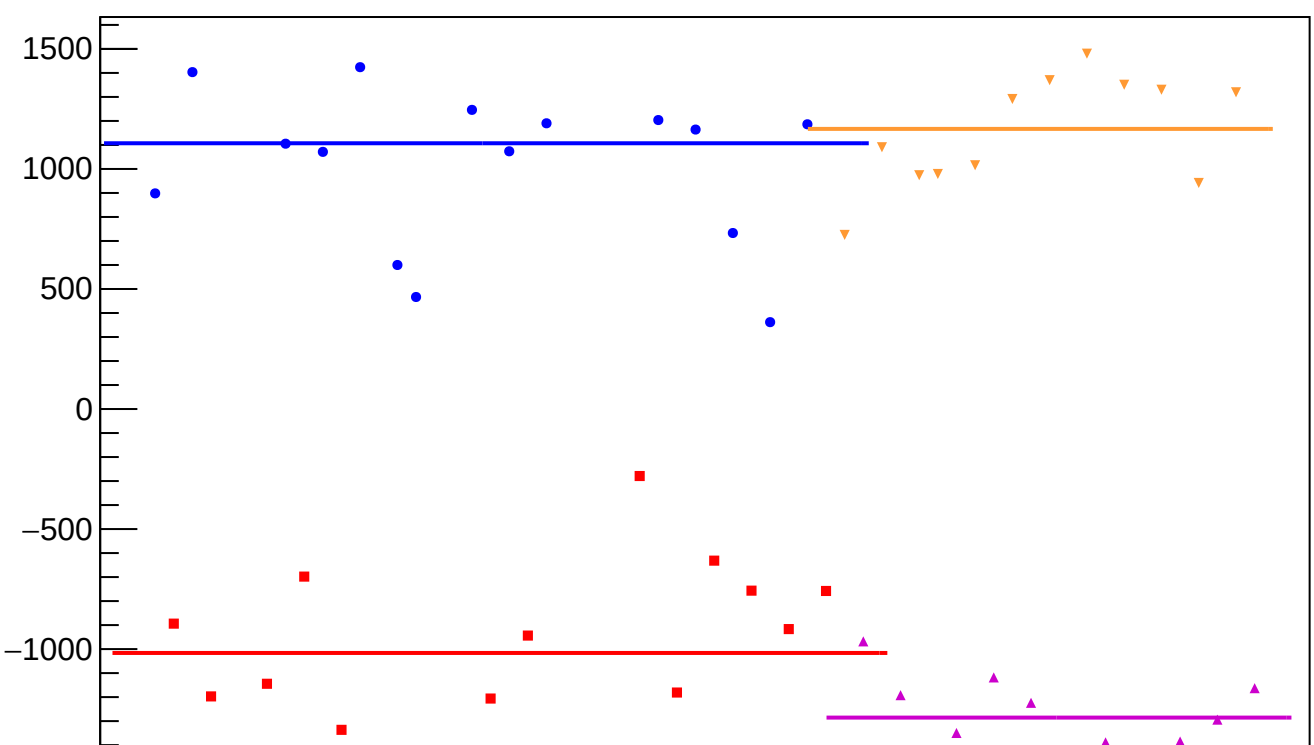
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

Out: 0.667+/-0.000 χ^2/NDF:288565858035972461

Left In: -3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

All: 0.051+/-0.000 χ^2/NDF: 5930048169444 3

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

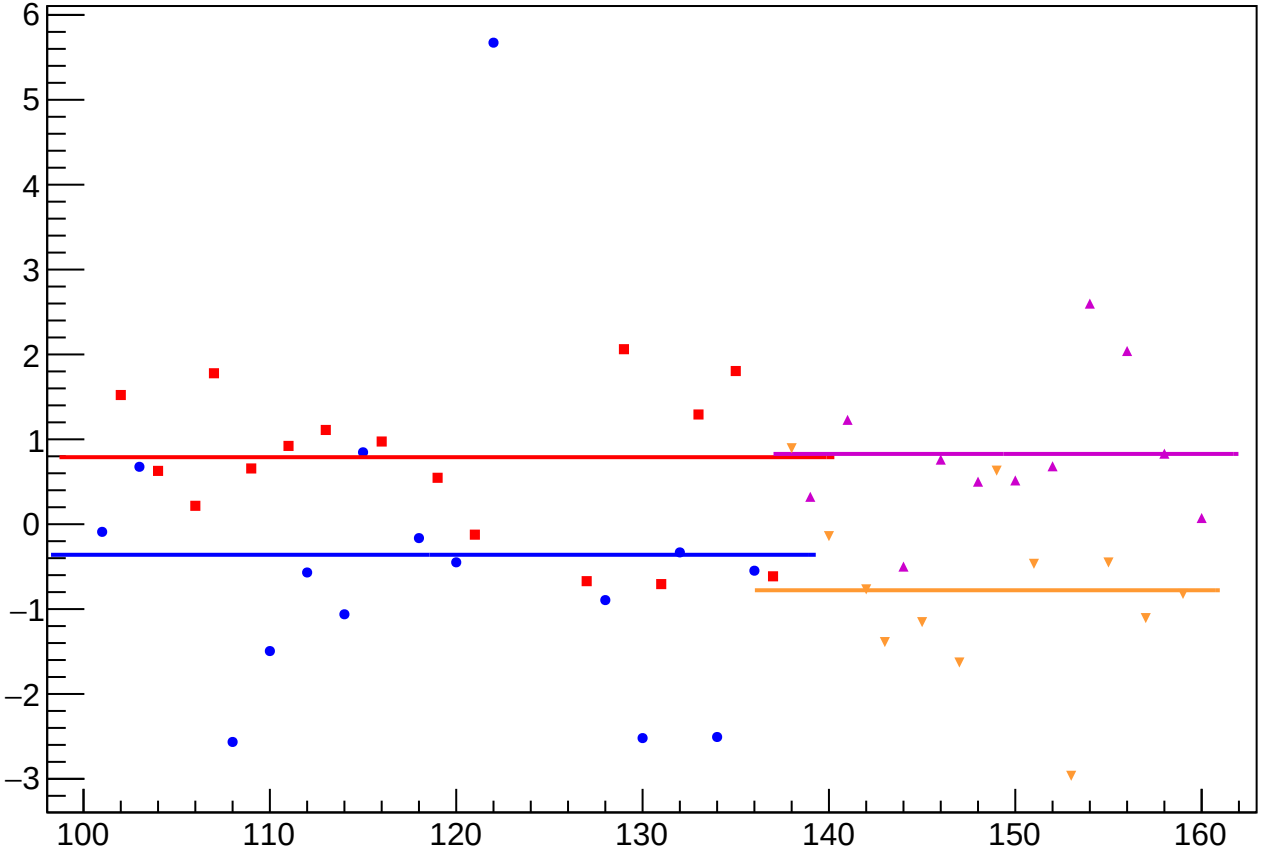
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.029+/-0.000 χ^2/NDF: 277746787190859319

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 3078215805430625 7

Left Out: -0.778+/-0.000 χ^2/NDF:941792568376434225486843988672512.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

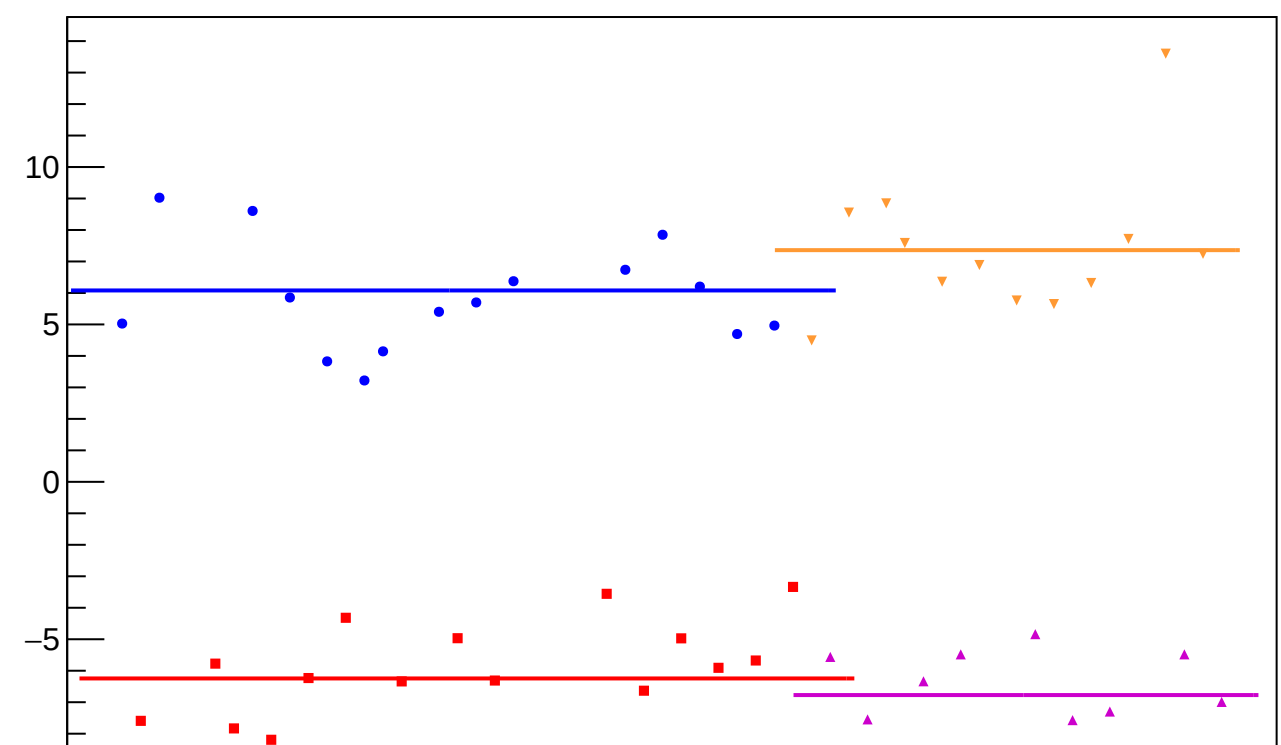
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2352648188556043 2

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

All: 0.110+/-0.000 χ^2/NDF: 5884318462286 7

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509904488253 44.0/14

Left Out: 7.360+/-0.000 χ^2/NDF:4580380755239365503585140070154240.0/11

Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

Left In: -6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

Left: 0.255+/-0.000 χ^2/NDF: 97899661429953453 6

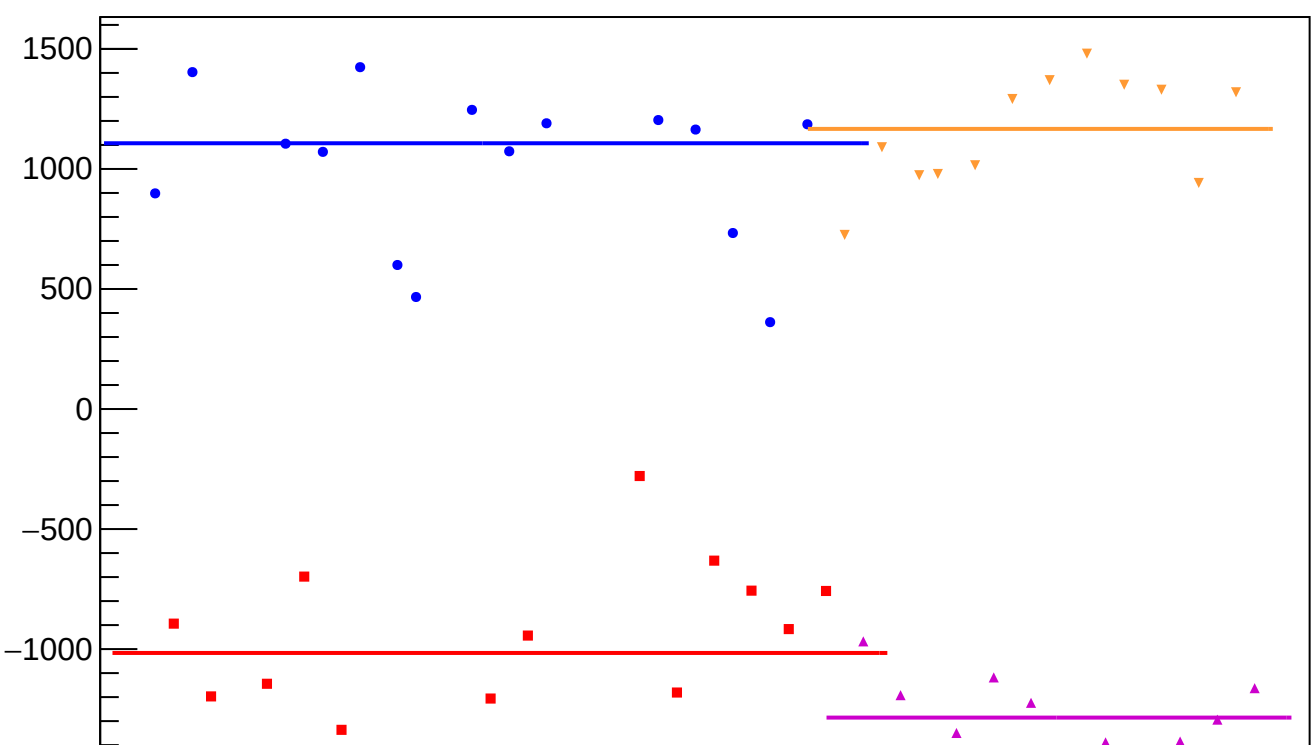
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

In: -1.470+/-0.000 χ^2/NDF:661098072576307986

Out: 1.620+/-0.000 χ^2/NDF:777700572607728020

All: 0.079+/-0.000 χ^2/NDF: 1514090769074 6

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

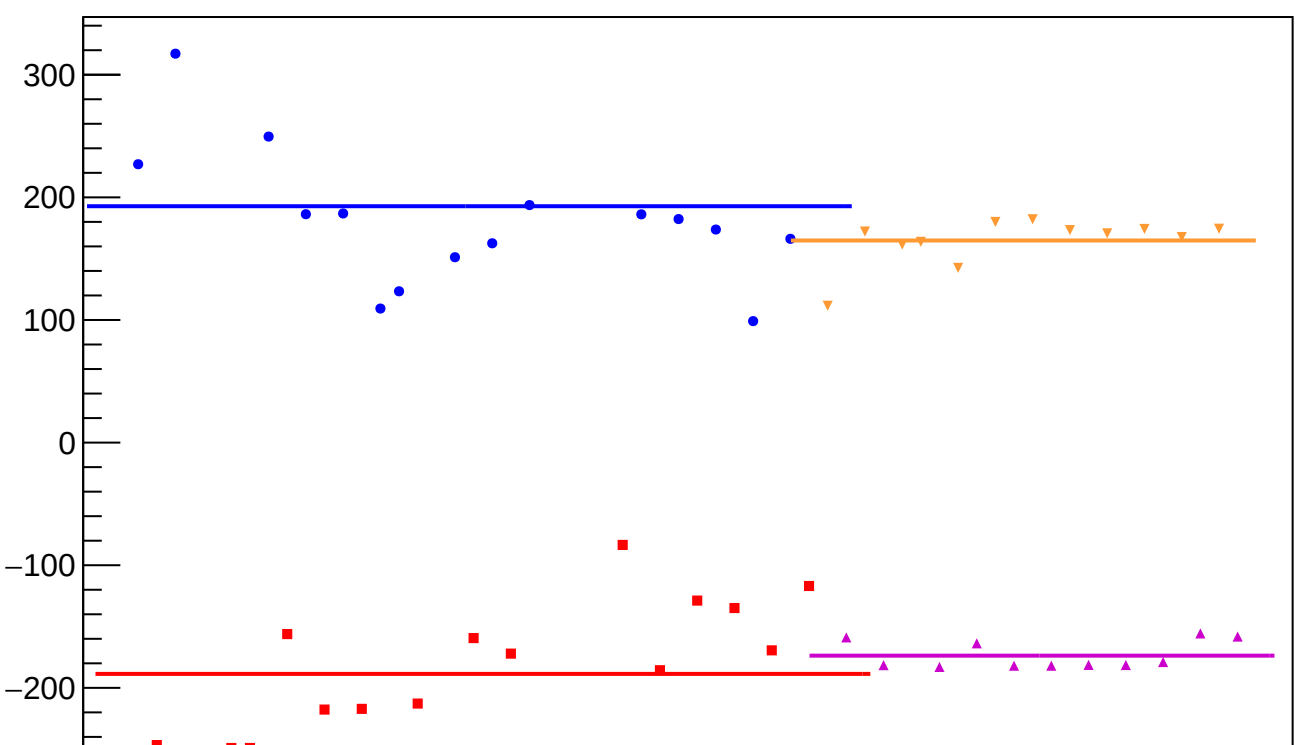
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

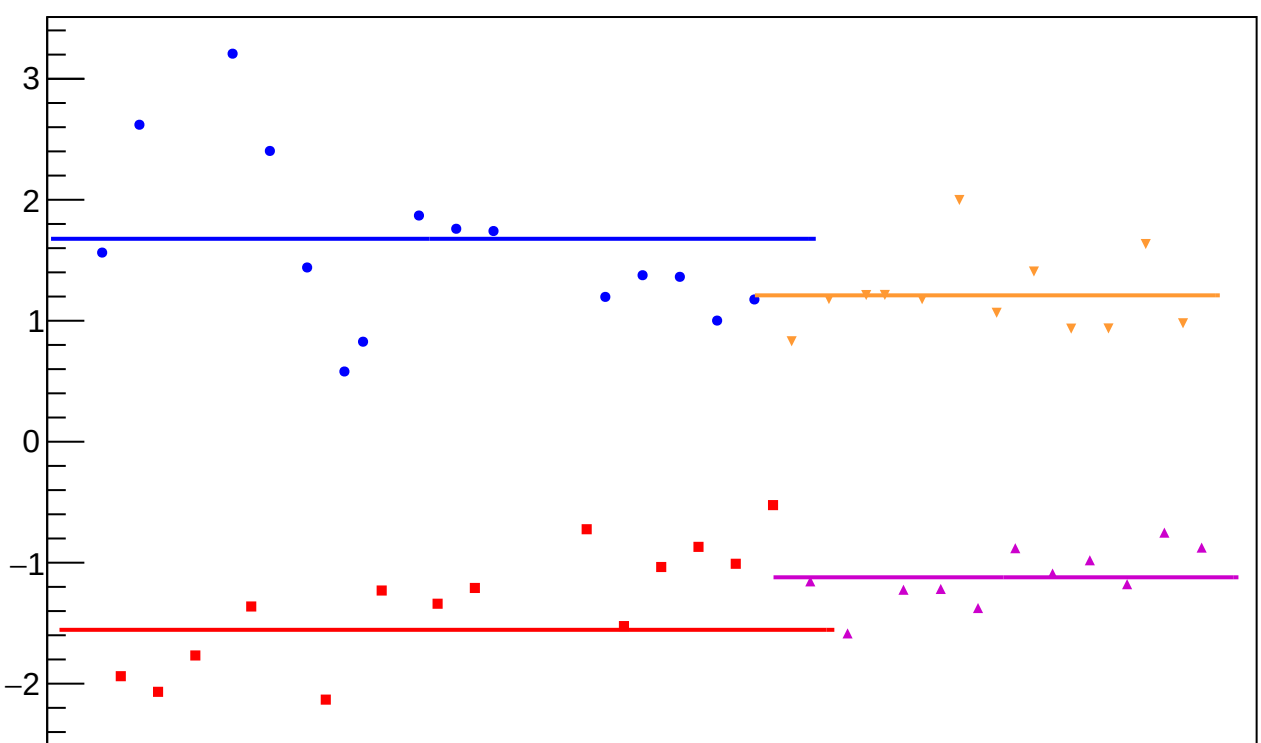
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: -5.374+/-0.000 χ^2/NDF: 5310985688490385
Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893
Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11
In: -22.521+/-0.000 χ^2/NDF:5295856655825622
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15
Out: 15.720+/-0.000 χ^2/NDF:5042417445122393
Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10
All: -3.352+/-0.000 χ^2/NDF: 1045358110774

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.038+/-0.000 χ^2/NDF: 264004662994655544

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

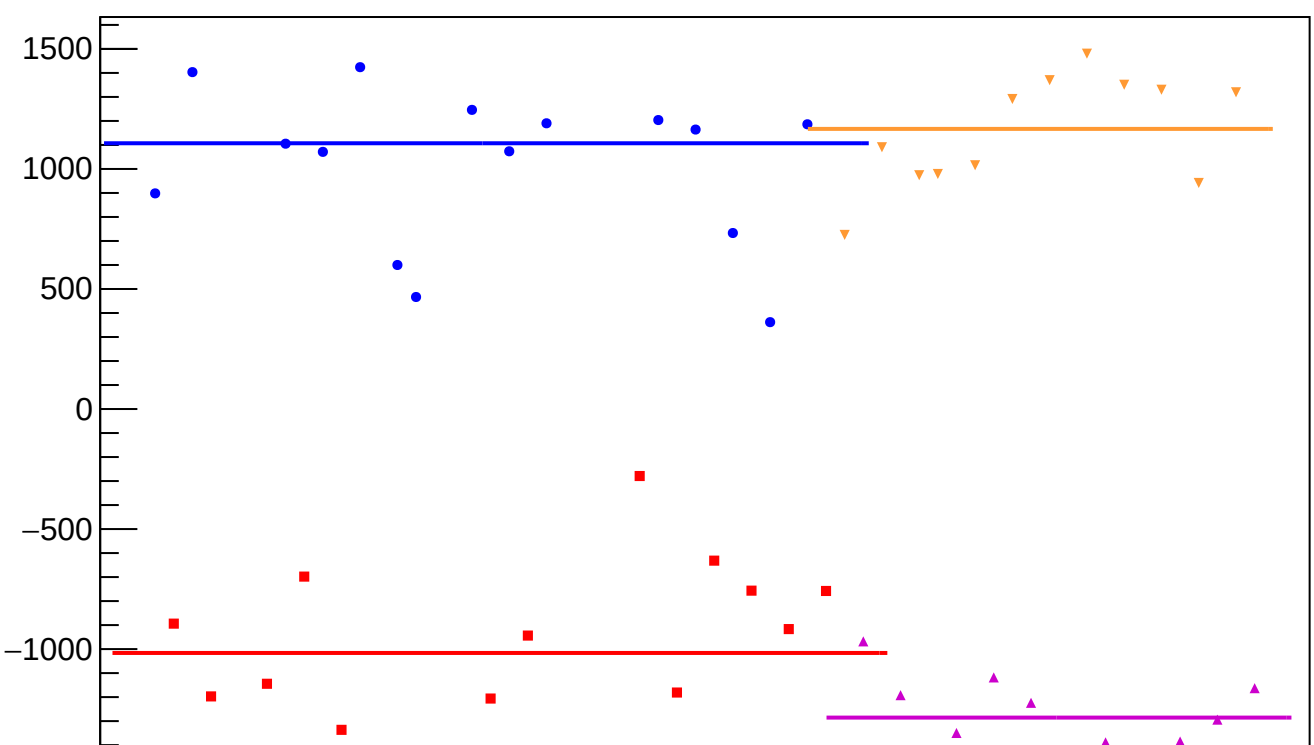
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3299071618905269 86

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6574514878756 2

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

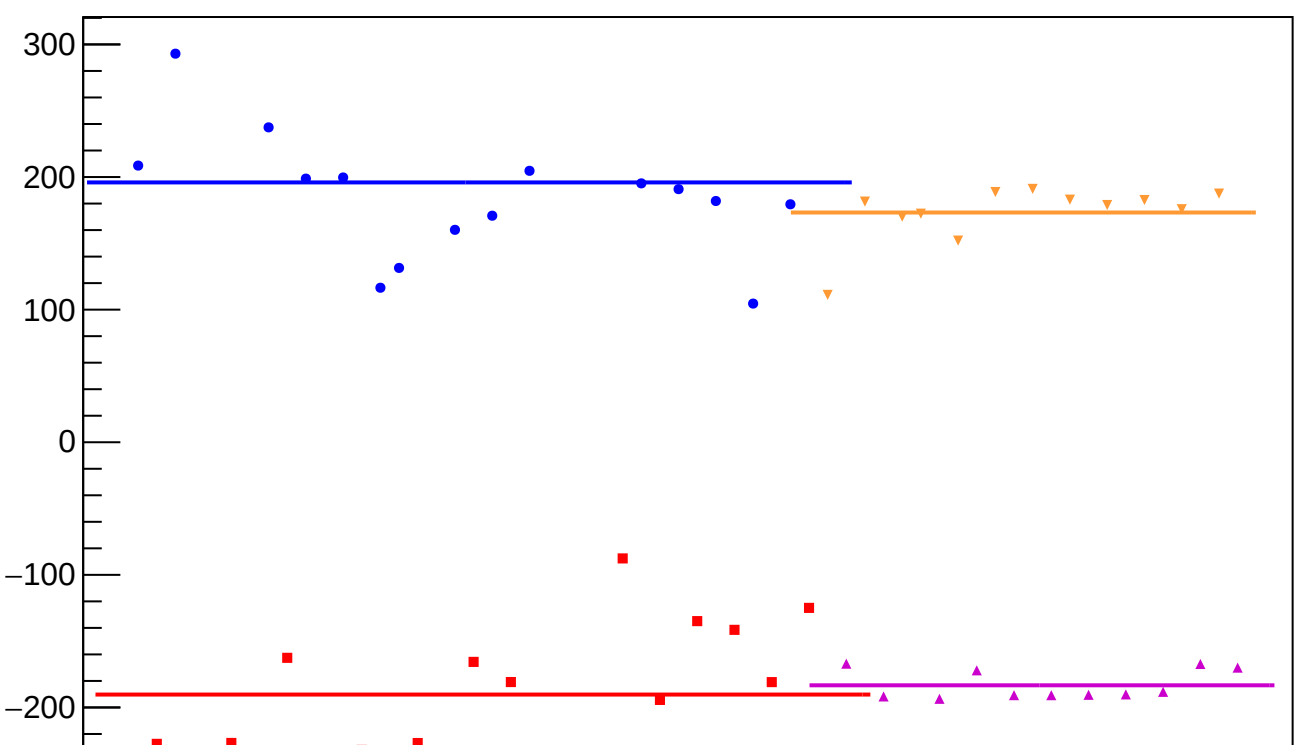
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -5.993+/-0.000 χ^2/NDF: 58931613915214401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 173.245+/-0.000 χ^2/NDF:42118974302231295677962122295456563 2.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

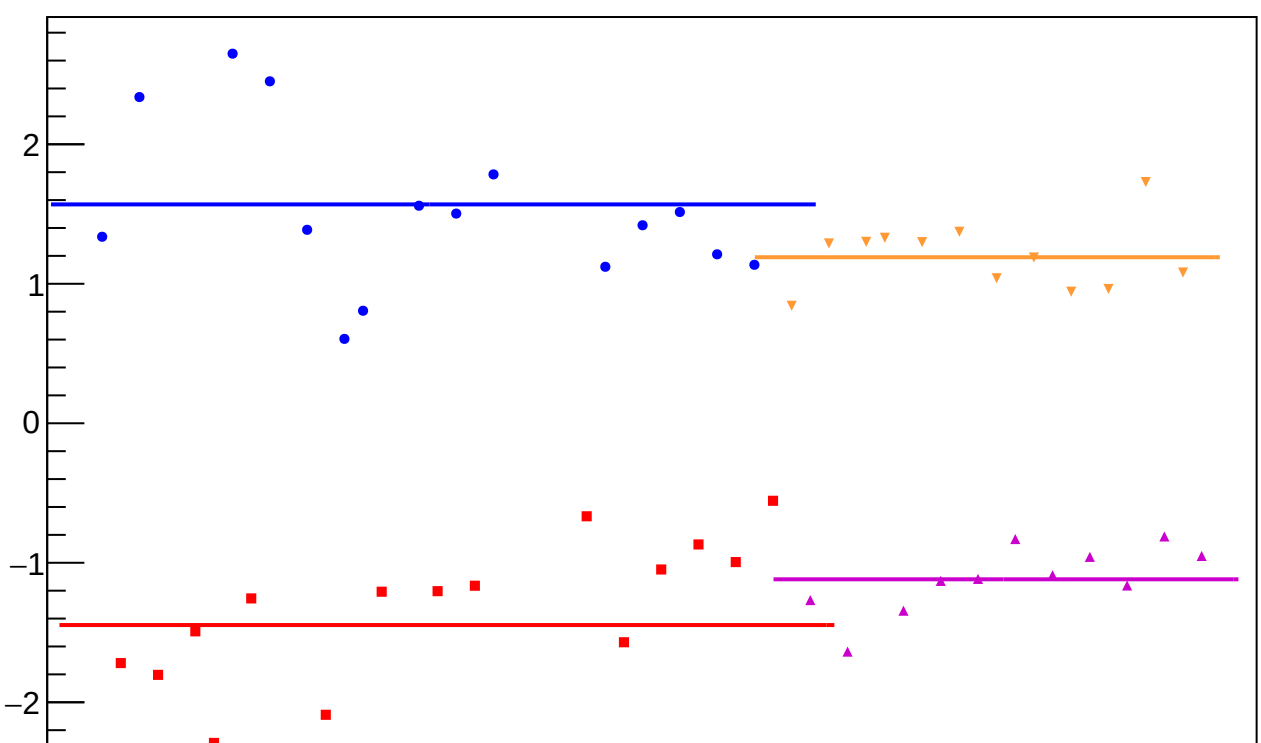
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.884+/-0.000 χ^2/NDF:52843706660567935

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.411+/-0.000 χ^2/NDF: 1105507050353

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.030+/-0.000 χ^2/NDF: 25487304289291096

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.190+/-0.000 χ^2/NDF:507458229360322173361448141455 36.0/11

In: -0.010+/-0.000 χ^2/NDF:29652626346543586

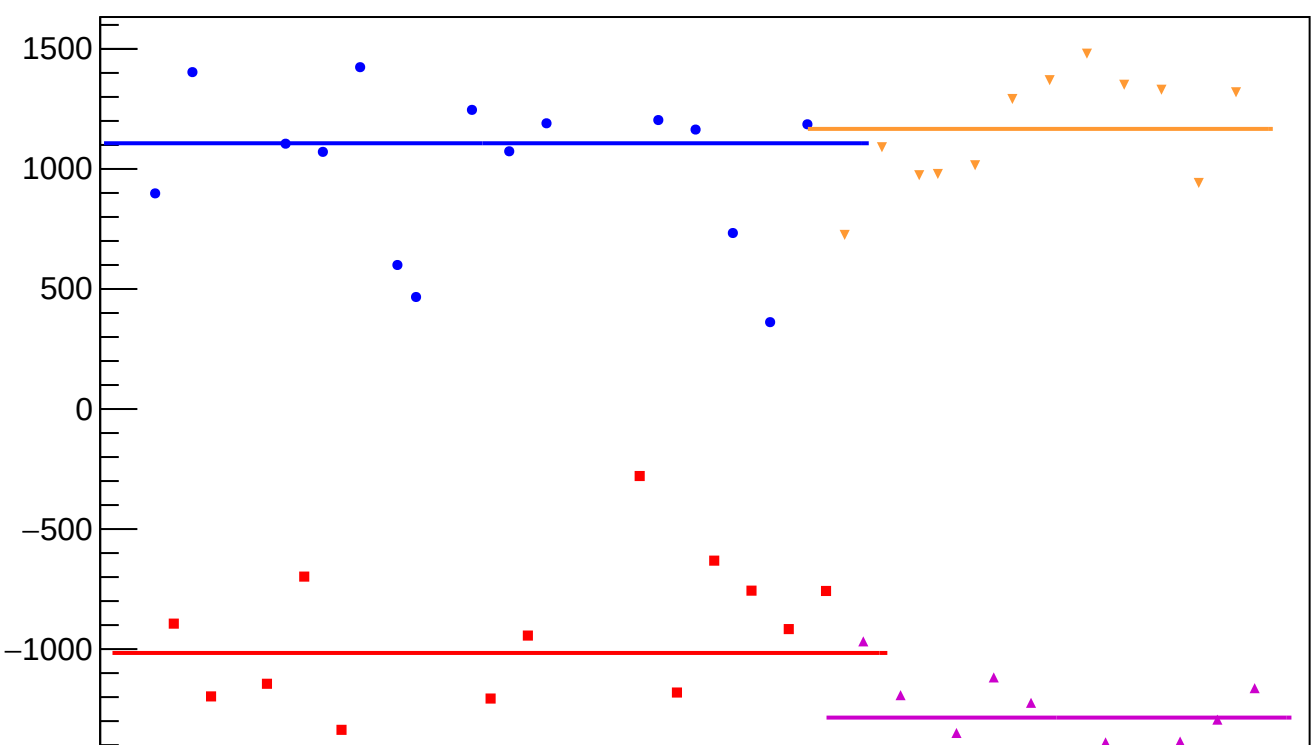
Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

Out: 0.078+/-0.000 χ^2/NDF:292745199805556393

Left In: -1.118+/-0.000 χ^2/NDF:489734969957234809118013658234 88.0/10

All: 0.034+/-0.000 χ^2/NDF: 5898755931617

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

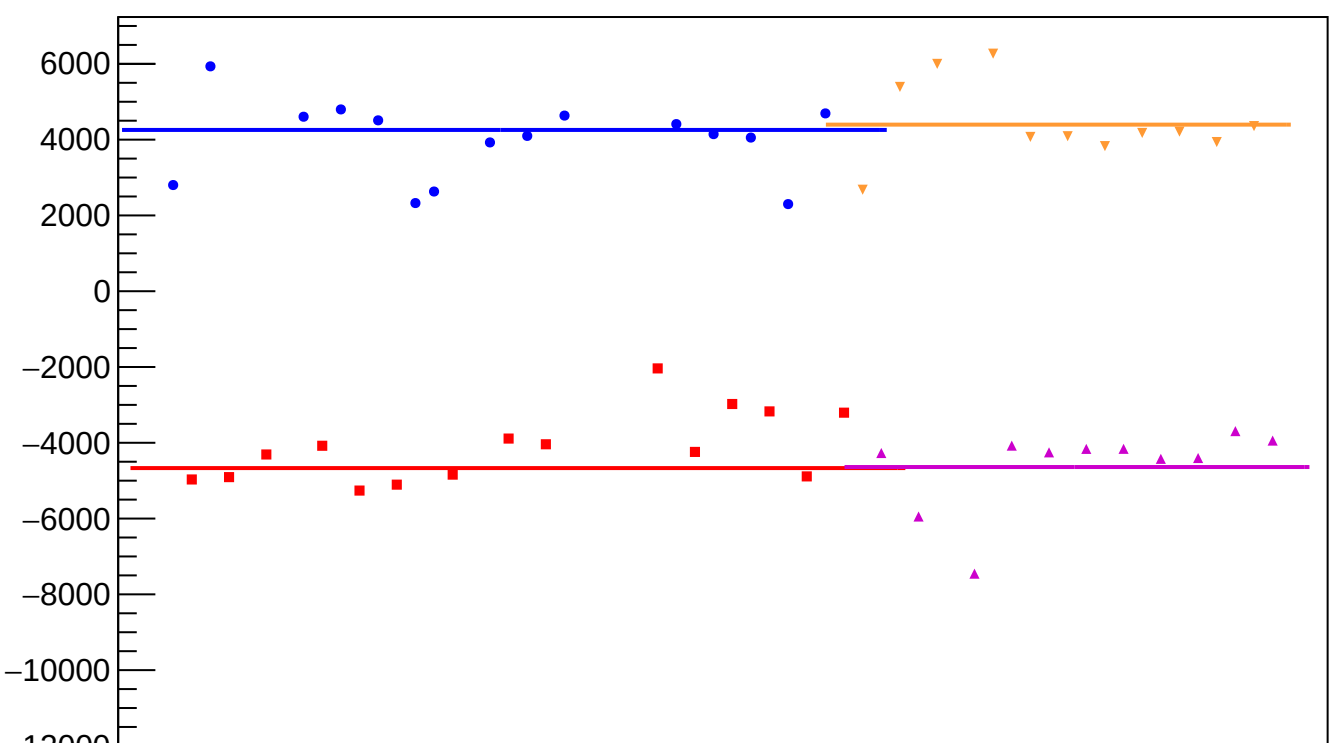
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -318.161+/-0.000 χ^2/NDF: 379100111885942

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

In: -969.372+/-0.000 χ^2/NDF:317287776834937 5

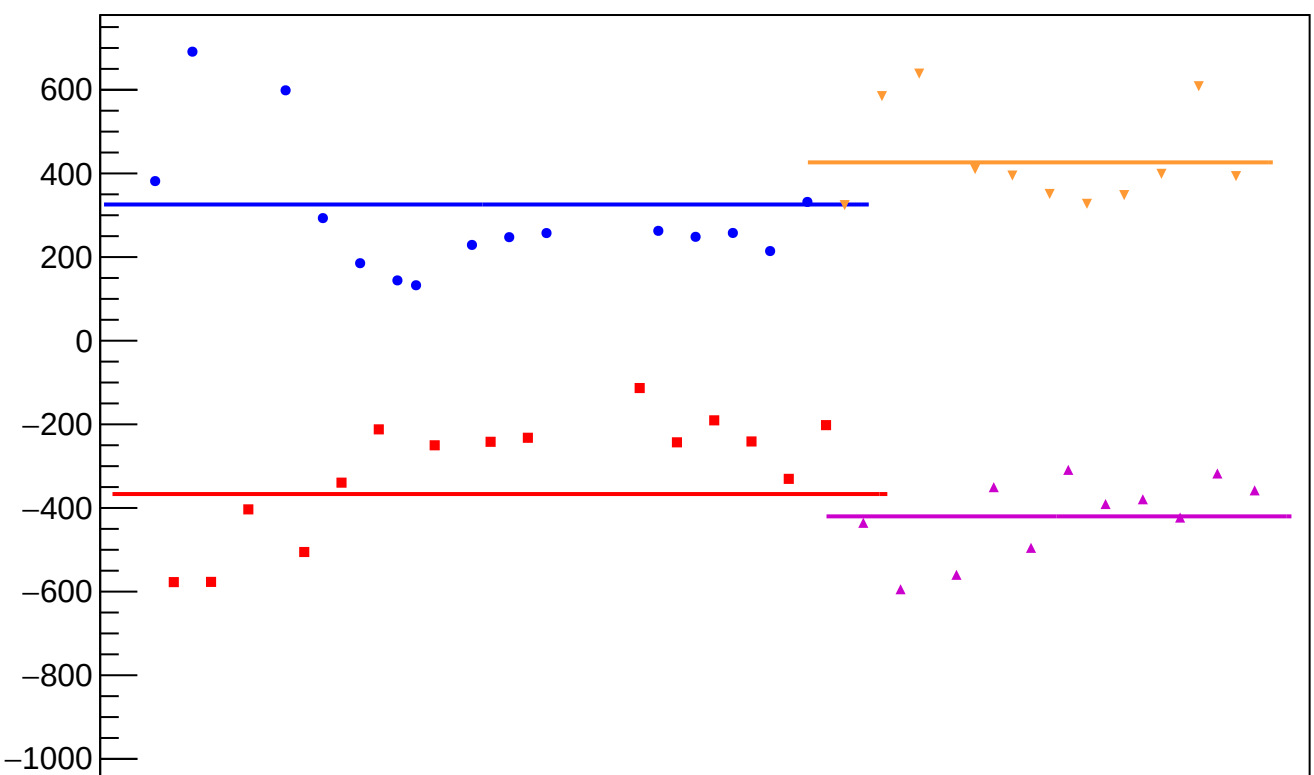
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: 403.111+/-0.000 χ^2/NDF:3462774375230397

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -296.246+/-0.000 χ^2/NDF: 6780974389 3

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

Left: -15.211+/-0.000 χ^2/NDF: 3339353872330959

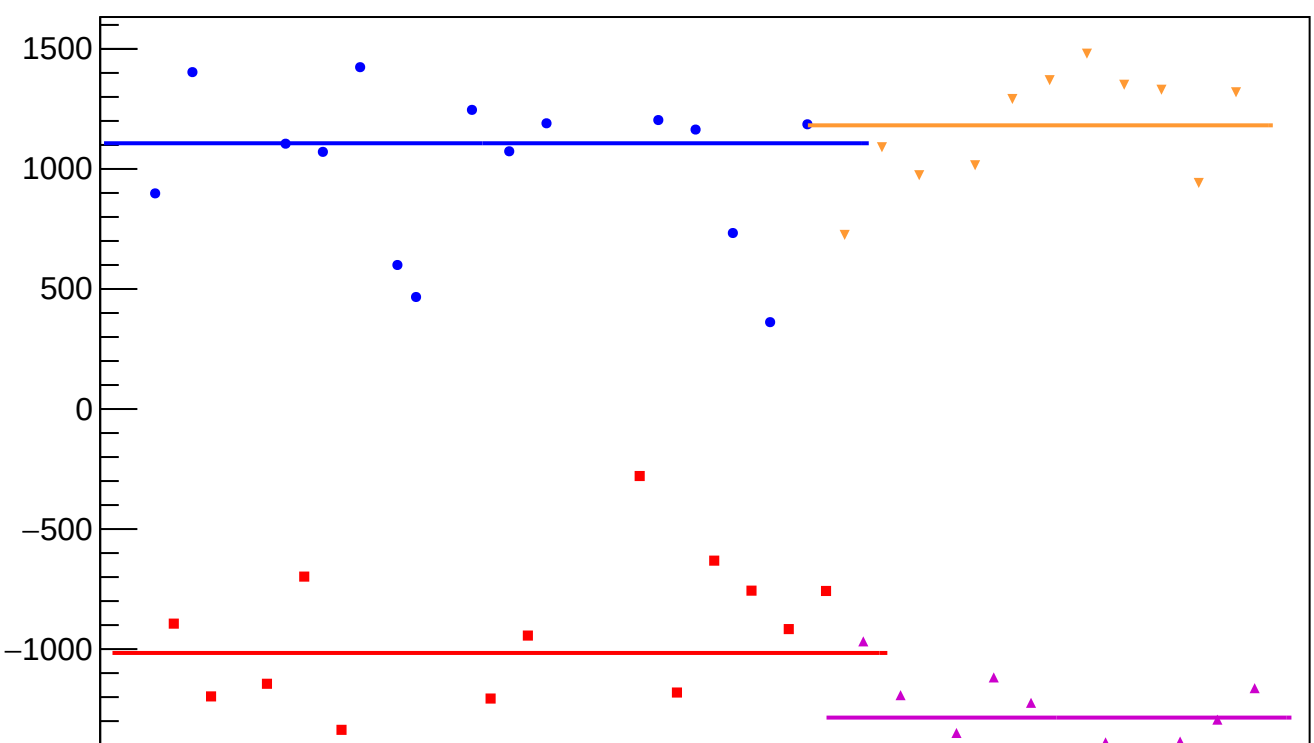
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 77.029+/-0.000 χ^2/NDF:2763927476523588 4

All: -19.474+/-0.000 χ^2/NDF: 538446931474

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -105.453+/-0.000 χ^2/NDF: 275581291950548

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

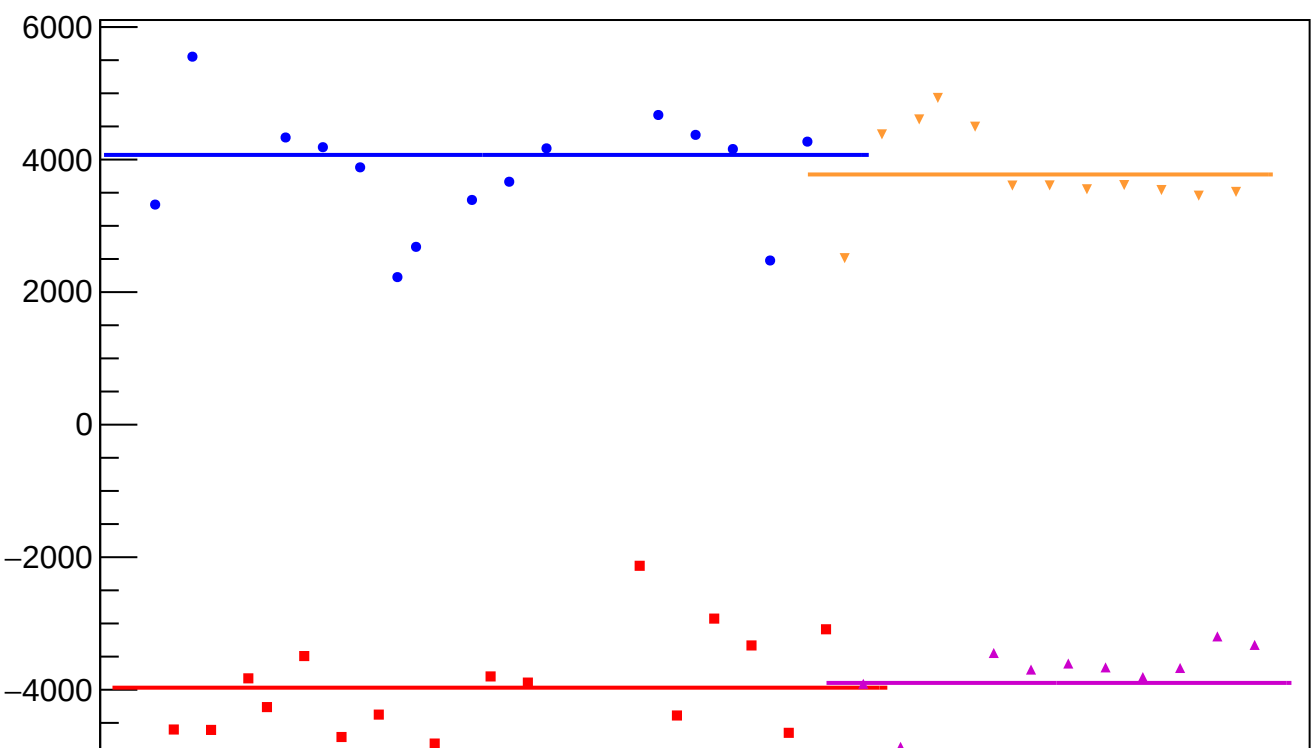
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 213.458+/-0.000 χ^2/NDF:1917151568298922

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

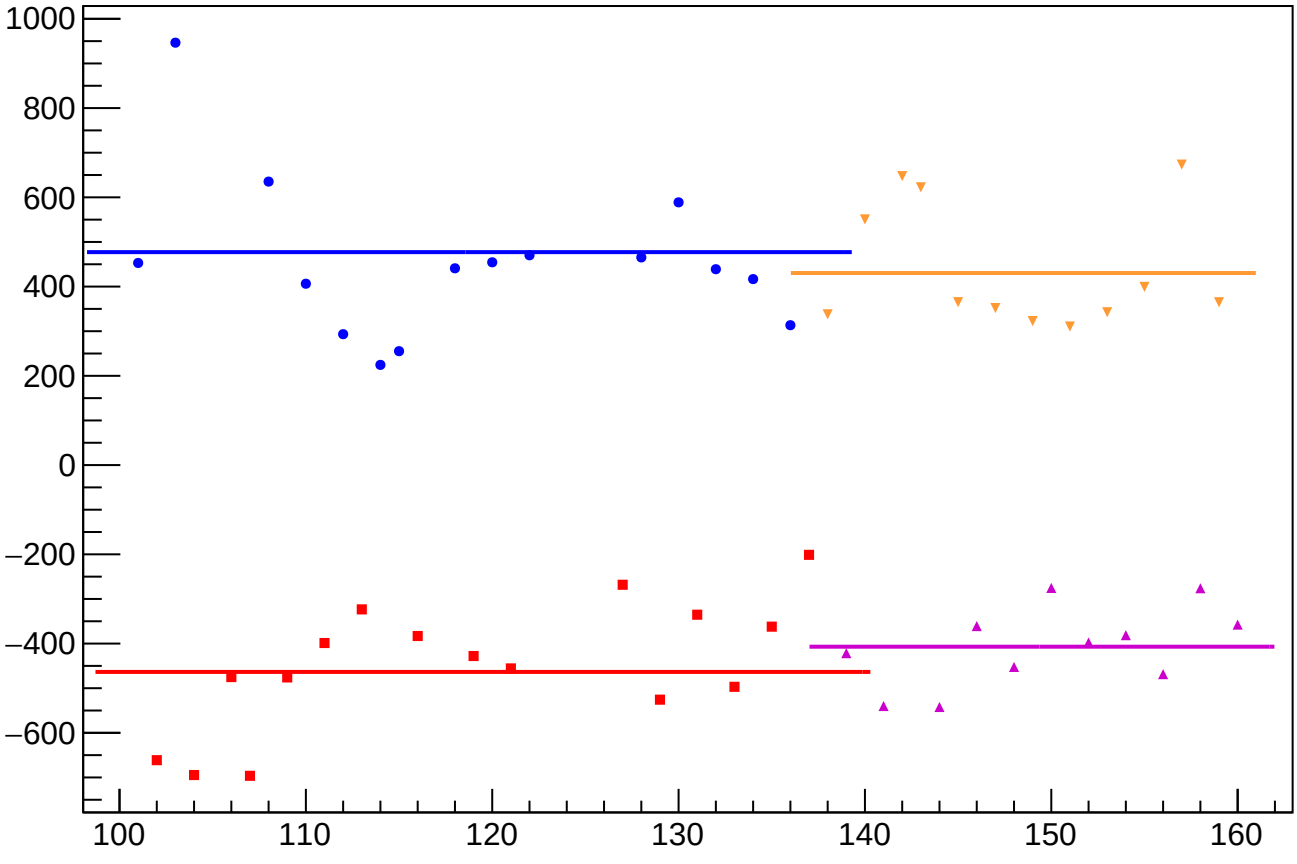
All: -47.303+/-0.000 χ^2/NDF: 436585203886

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -81.515+/-0.000 χ^2/NDF: 2780391490195932
Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721
Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720 90368.0/11
In: -609.591+/-0.000 χ^2/NDF:2495492786013162
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948 84608.0/15
Out: 508.311+/-0.000 χ^2/NDF:2383013038851413
Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531 7888.0/10
All: -49.222+/-0.000 χ^2/NDF: 497704442491

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 9.420+/-0.000 χ^2/NDF: 344329492492659373

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964 5

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342 9

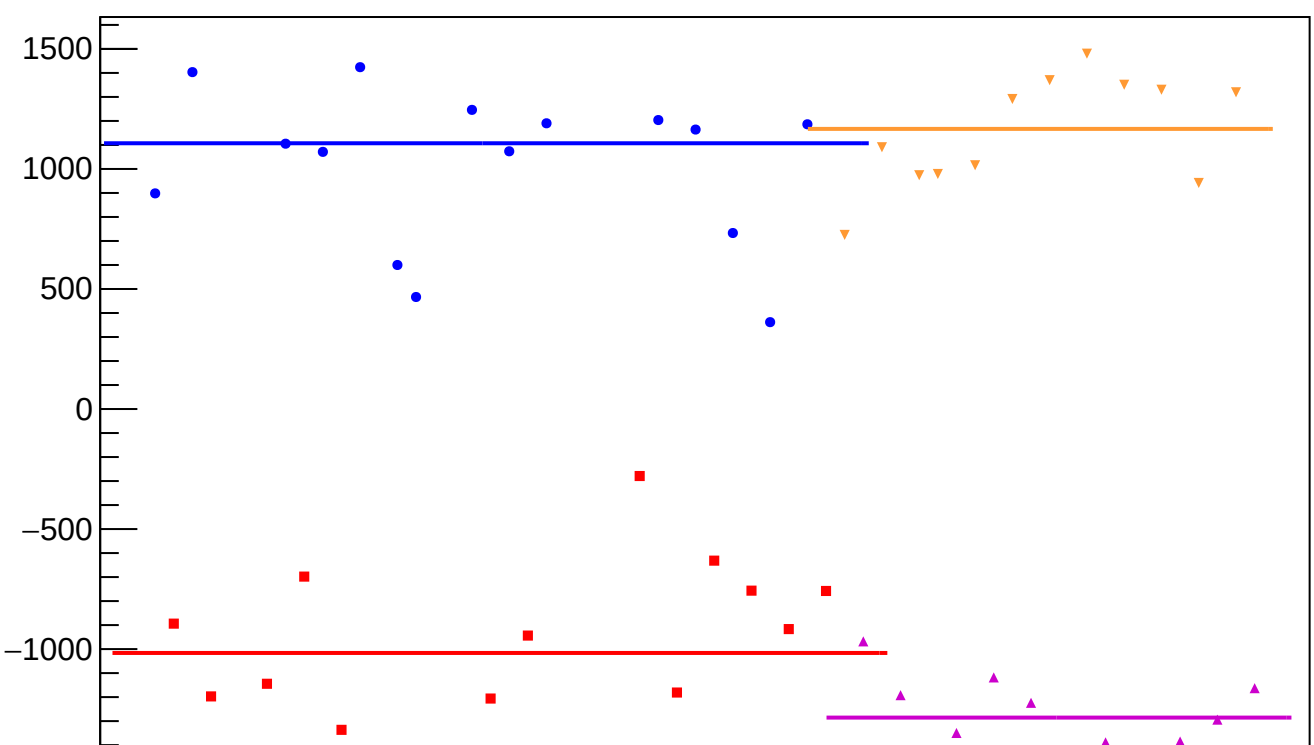
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: 53.263+/-0.000 χ^2/NDF:335798727770619 70

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

All: 5.658+/-0.000 χ^2/NDF: 6684867613361 8

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

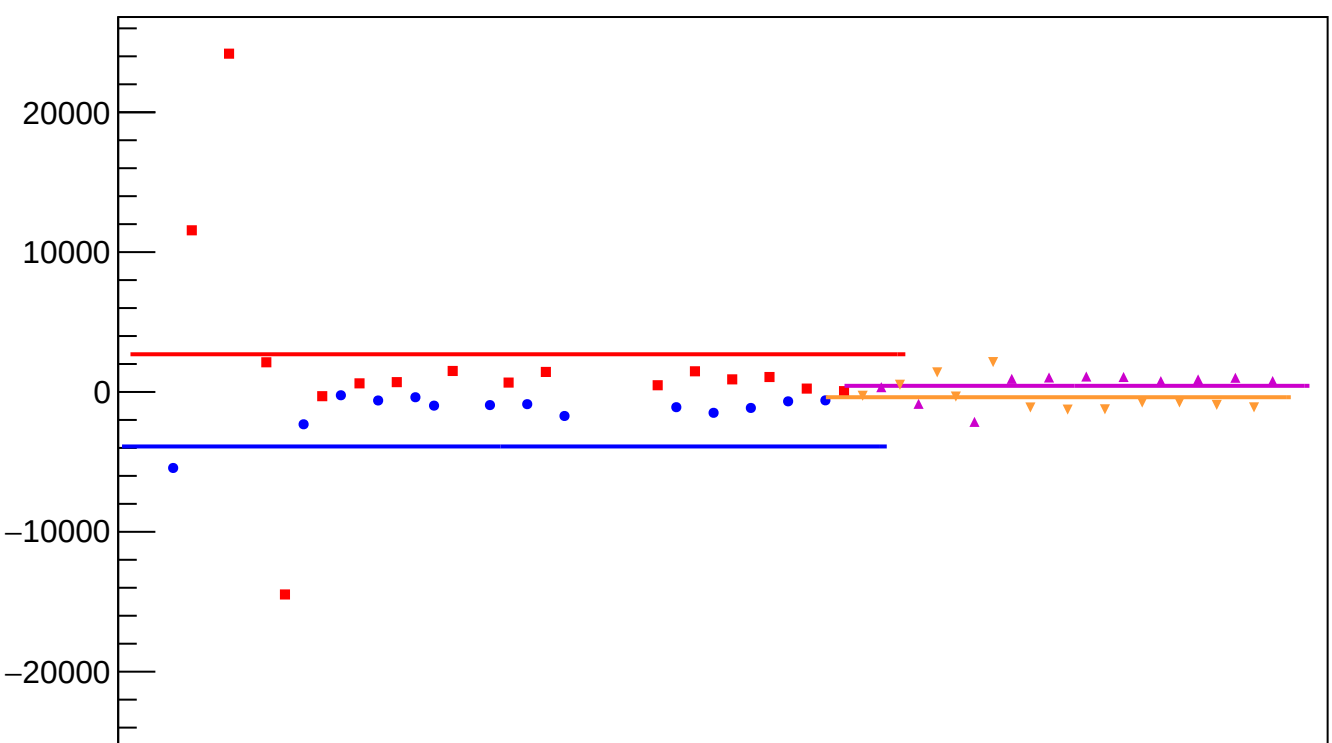
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

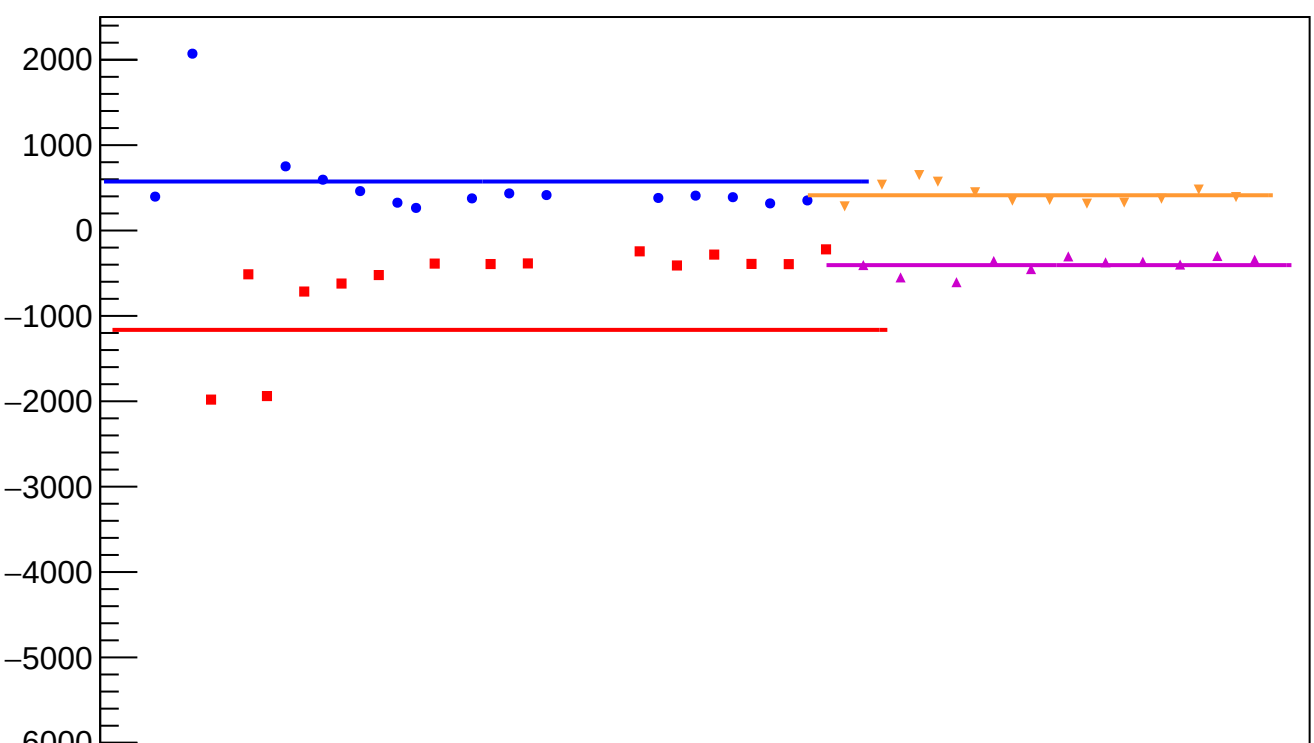
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl1_coil4_mean vs Slug, Sign Corrected



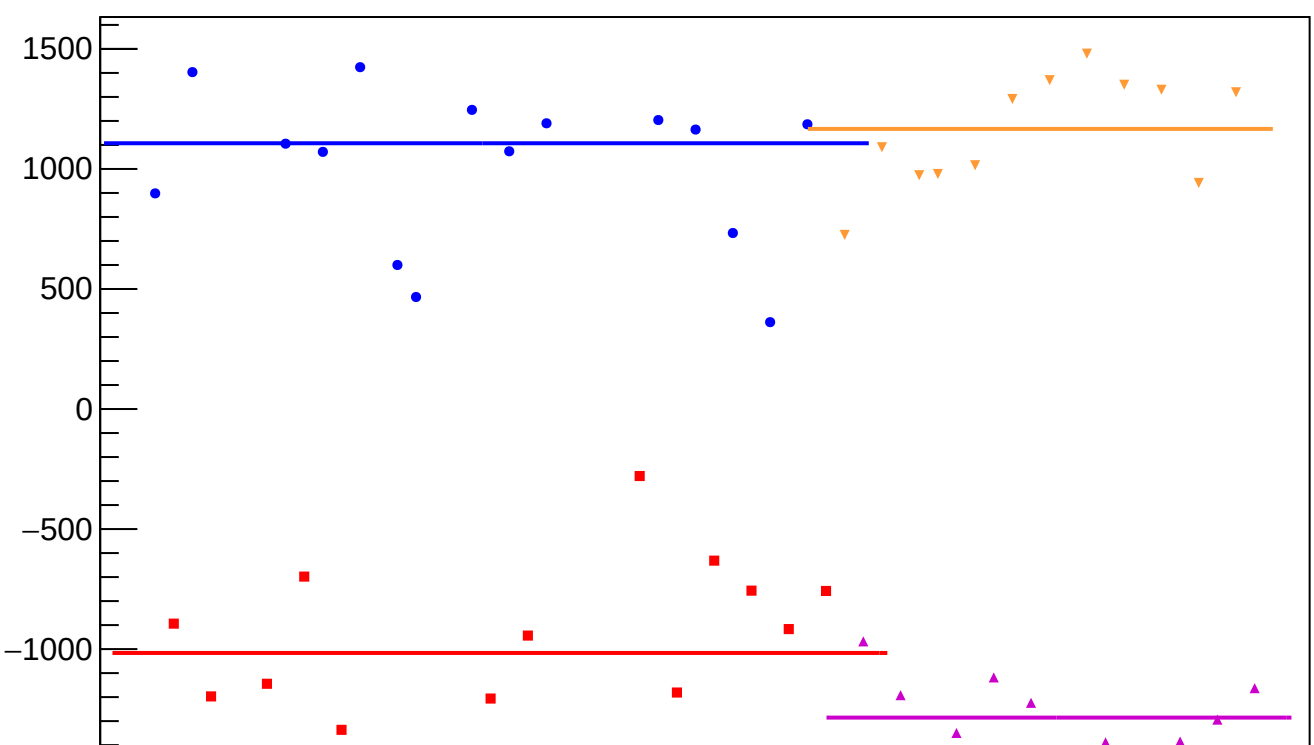
Left: 34.146+/-0.000 χ^2/NDF: 2184653590245034
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 920.357+/-0.000 χ^2/NDF:4541872793007468
Left In: 439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10
All: -211.749+/-0.000 χ^2/NDF: 9718813734 4

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 1.597+/-0.000 χ^2/NDF: 32522110250256488
Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877 4400.0/11
In: -1.272+/-0.000 χ^2/NDF:52590706013757462 0
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -252.175+/-0.000 χ^2/NDF:297119265978560
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -127.041+/-0.000 χ^2/NDF: 3546737232 5

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

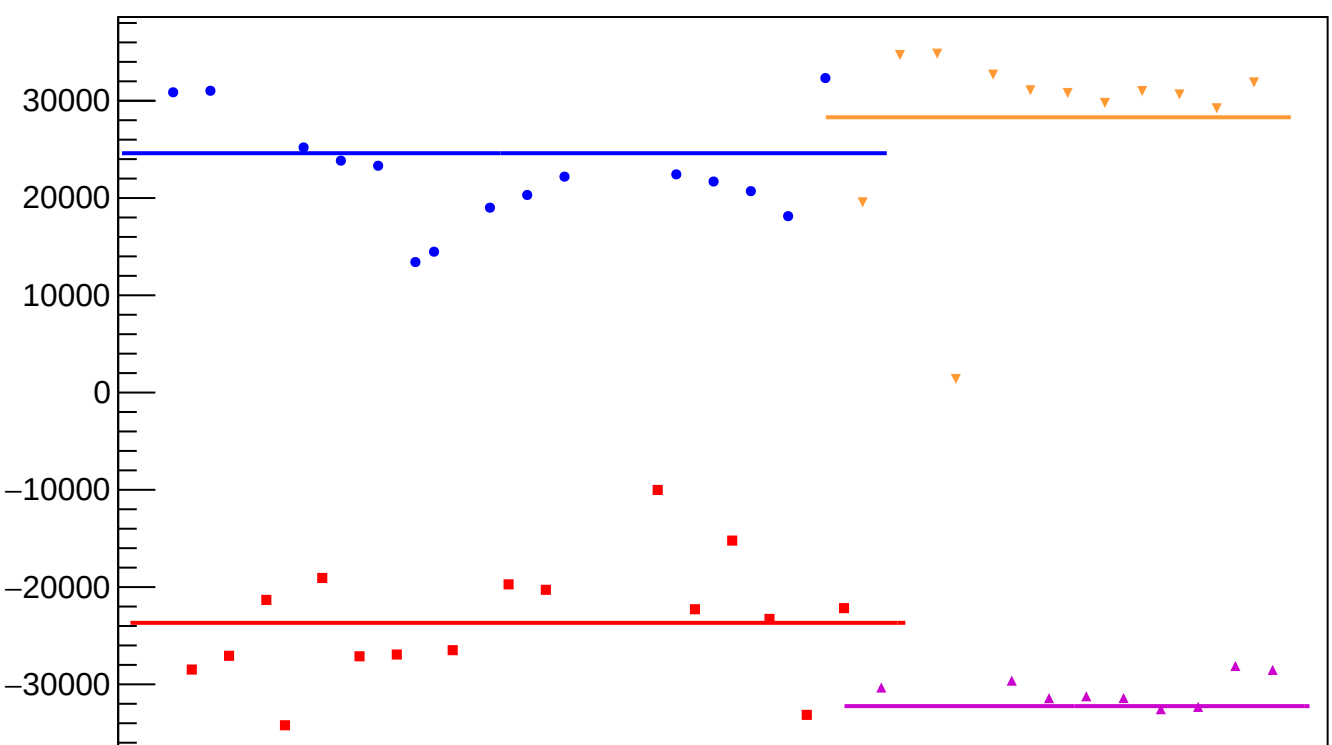
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -2133.166+/-0.000 χ^2/NDF: 17608276129881

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 28302.359+/-0.000 χ^2/NDF:647439605765260731478527893268239346565 12.0/11

In: -8784.508+/-0.000 χ^2/NDF:126151138901902

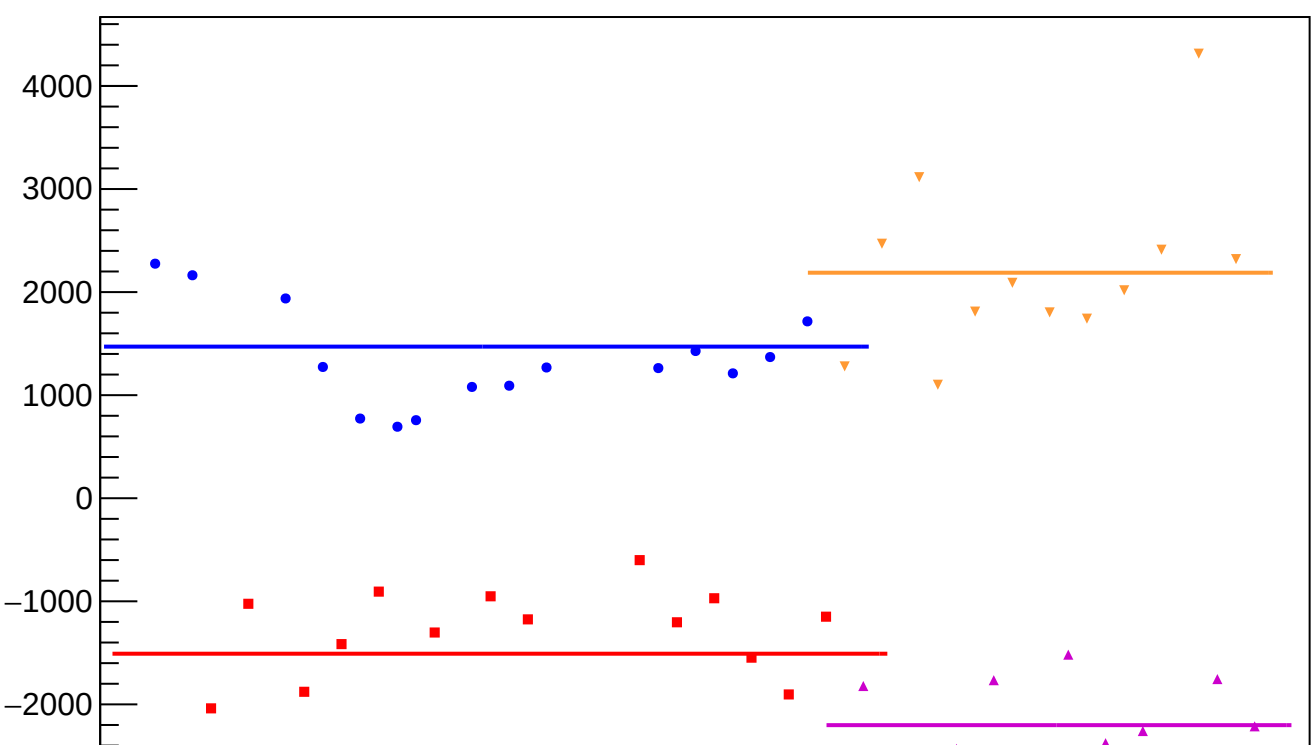
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: 6374.346+/-0.000 χ^2/NDF:113128775072899

Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10

All: -1185.856+/-0.000 χ^2/NDF: 2573988051

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

Left: -18.662+/-0.000 χ^2/NDF: 9604851757835687

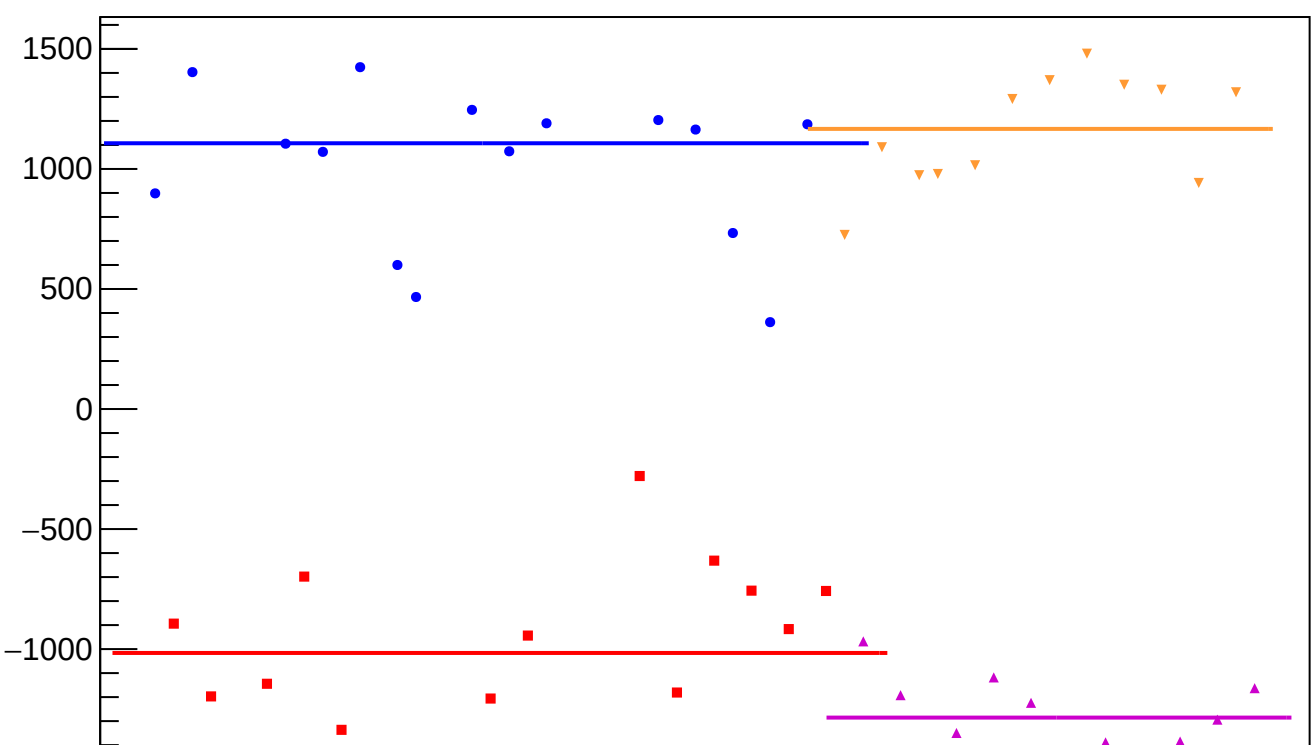
Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

Out: 628.599+/-0.000 χ^2/NDF:6113094829757836

All: -27.171+/-0.000 χ^2/NDF: 129146441419

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

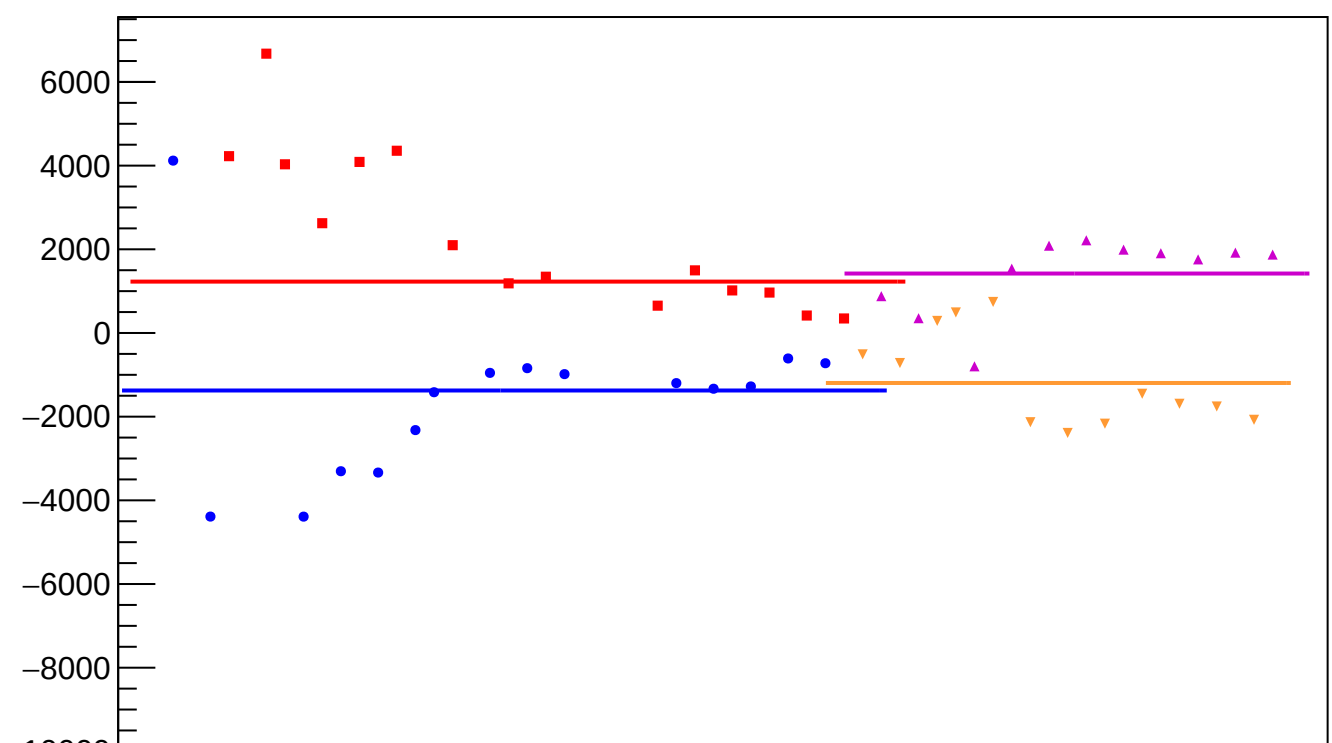
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 120.030+/-0.000 χ^2/NDF: 4904926728039627

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11

In: 267.494+/-0.000 χ^2/NDF:67996212905624210

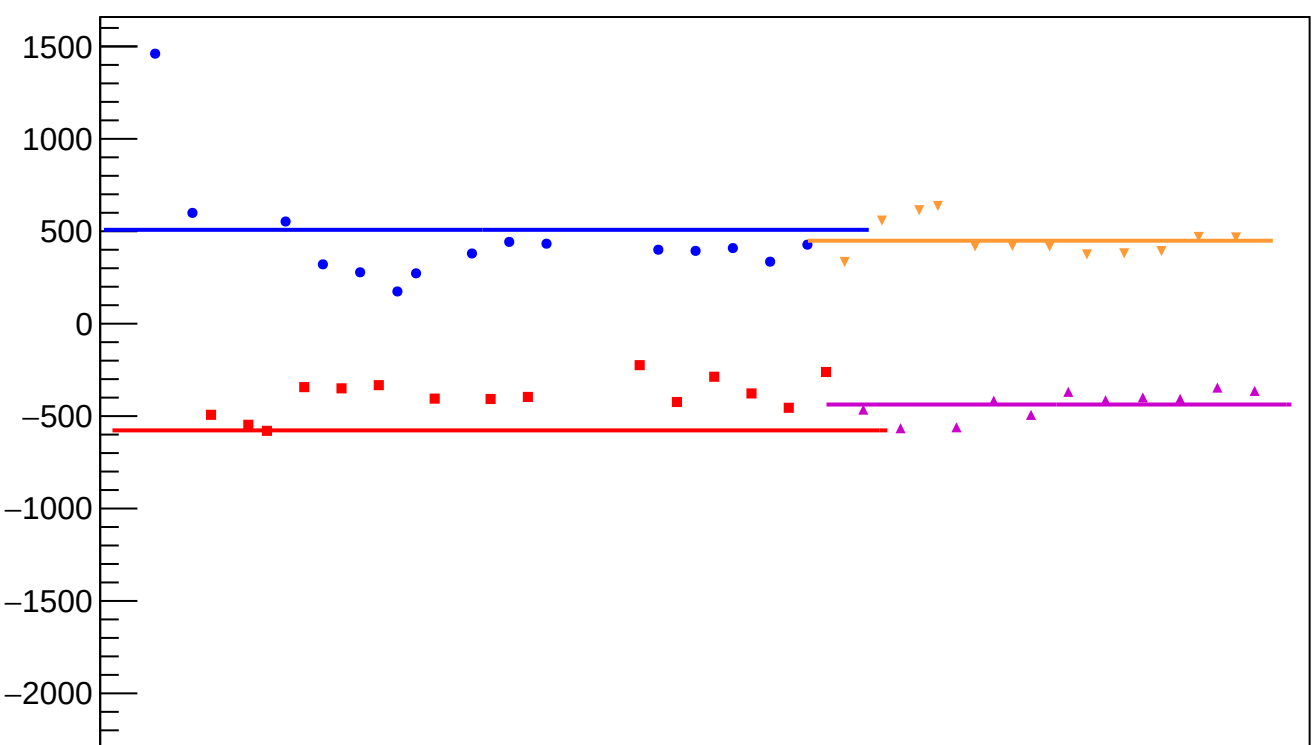
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -172.811+/-0.000 χ^2/NDF:143918754957920

Left In: 1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

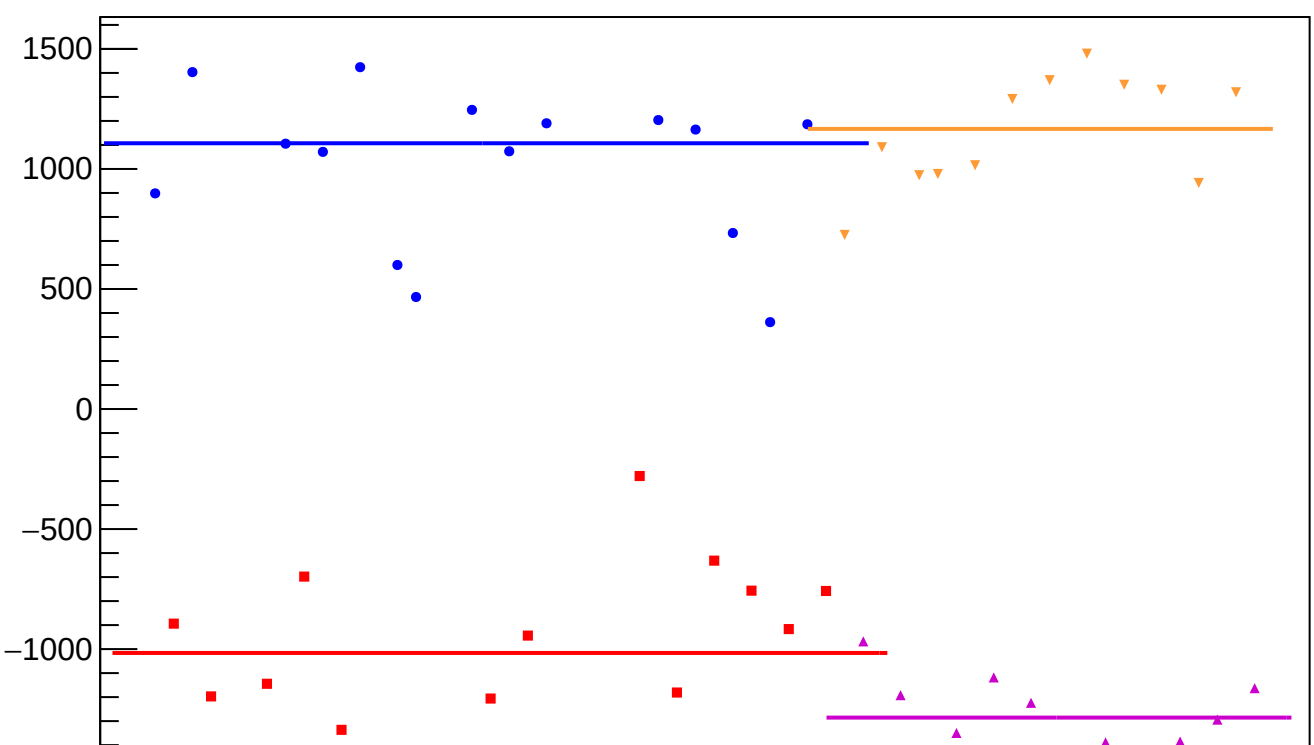
All: 46.783+/-0.000 χ^2/NDF: 2134436142325

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 3.384+/-0.000 χ^2/NDF: 372721142857858509
Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14
Right: -42.141+/-0.000 χ^2/NDF: 692705775128653
Left Out: 448.905+/-0.000 χ^2/NDF:697244496904172592974411149414812876 8.0/11
In: -47.369+/-0.000 χ^2/NDF:40955291948460460
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15
Out: 15.985+/-0.000 χ^2/NDF:6542986018799037 5
Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10
All: -15.611+/-0.000 χ^2/NDF: 106701634148

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

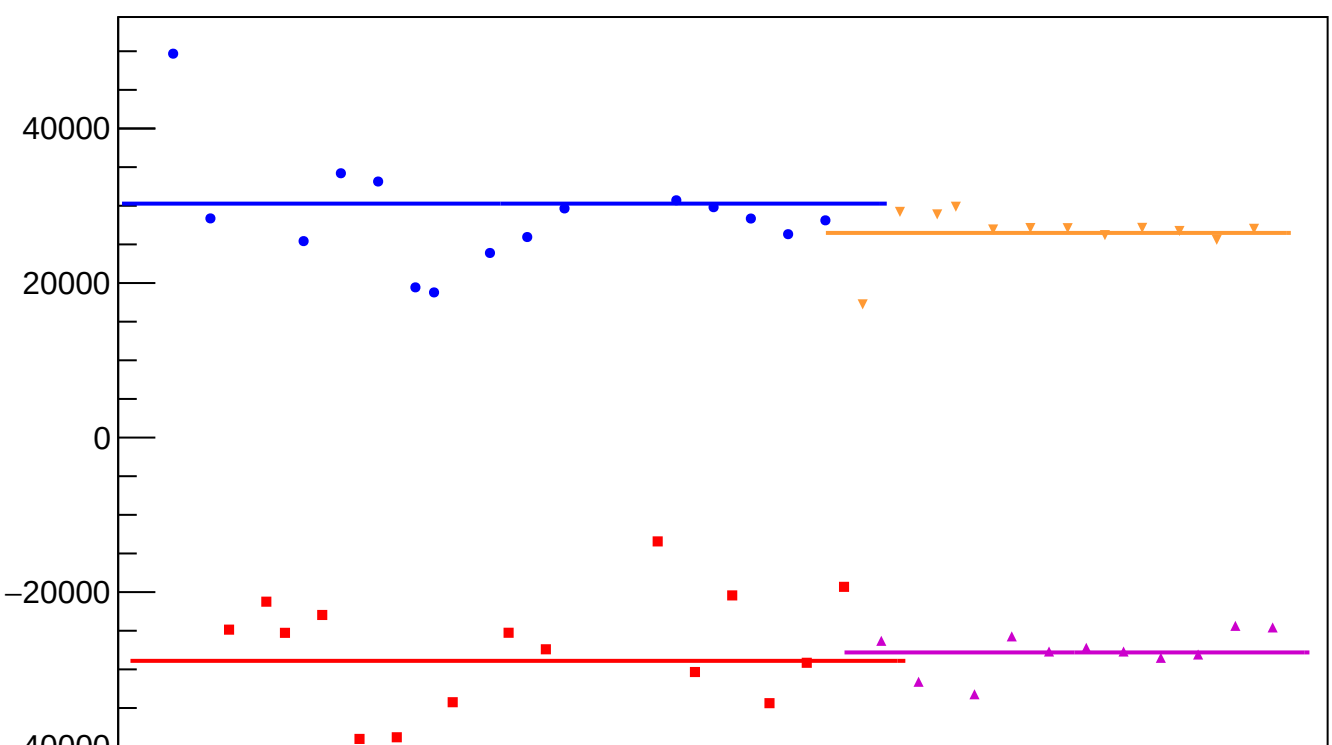
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr2_coil4_mean vs Slug, Sign Corrected



Left: -807.954+/-0.000 χ^2/NDF: 136920382018106

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 122974265906167

Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11

In: -3842.144+/-0.000 χ^2/NDF:132338595511608

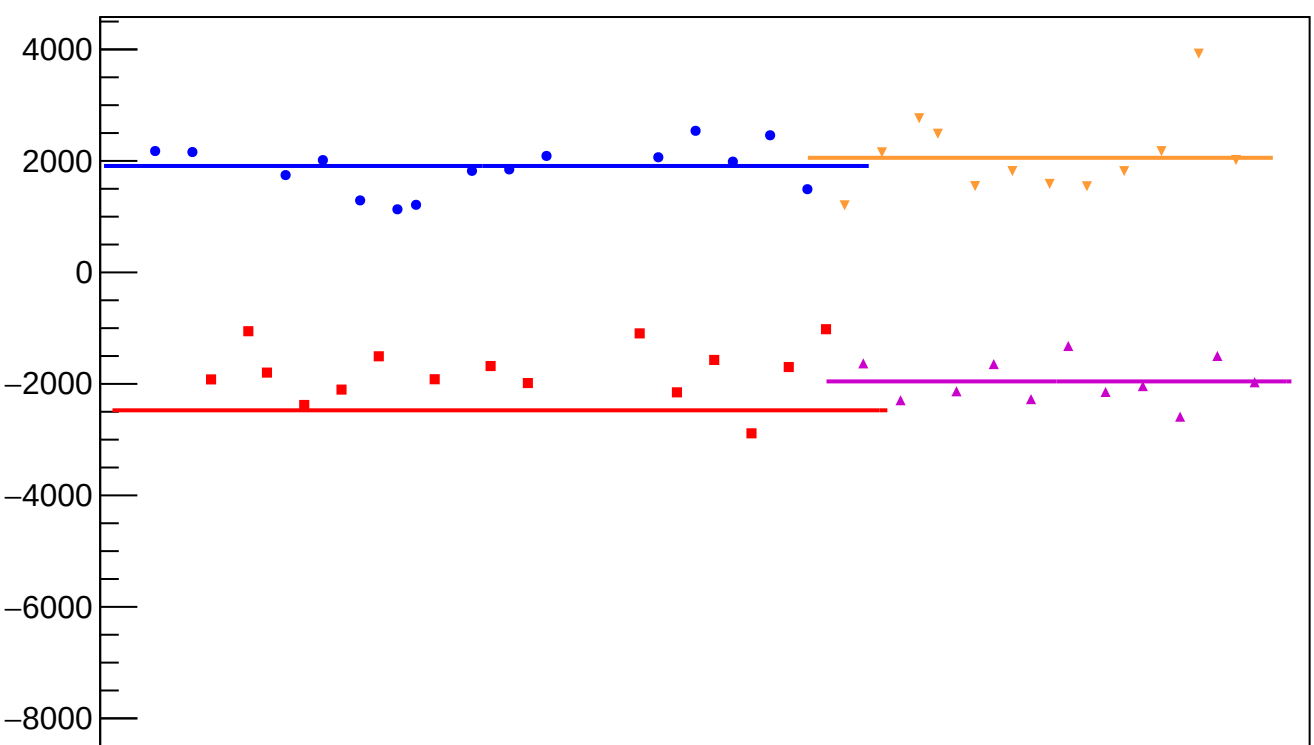
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 3121.457+/-0.000 χ^2/NDF:123824278408227

Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

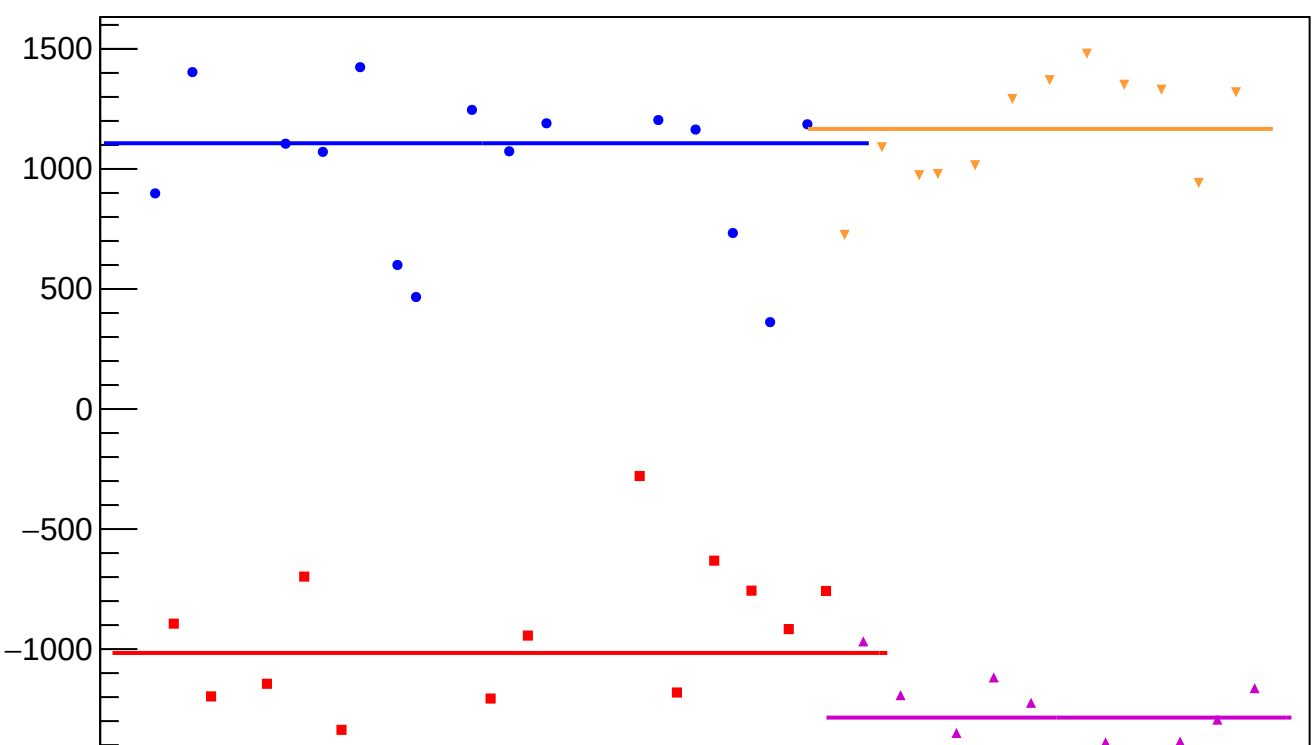
All: -351.512+/-0.000 χ^2/NDF: 25998642244

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 39.326+/-0.000 χ^2/NDF: 7957562789536415
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
Out: 144.749+/-0.000 χ^2/NDF:113840153379649 7
Left In: -1955.312+/-0.000 χ^2/NDF:126909052383838166035294082177347616768.0/10
All: -107.368+/-0.000 χ^2/NDF: 17494221106

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

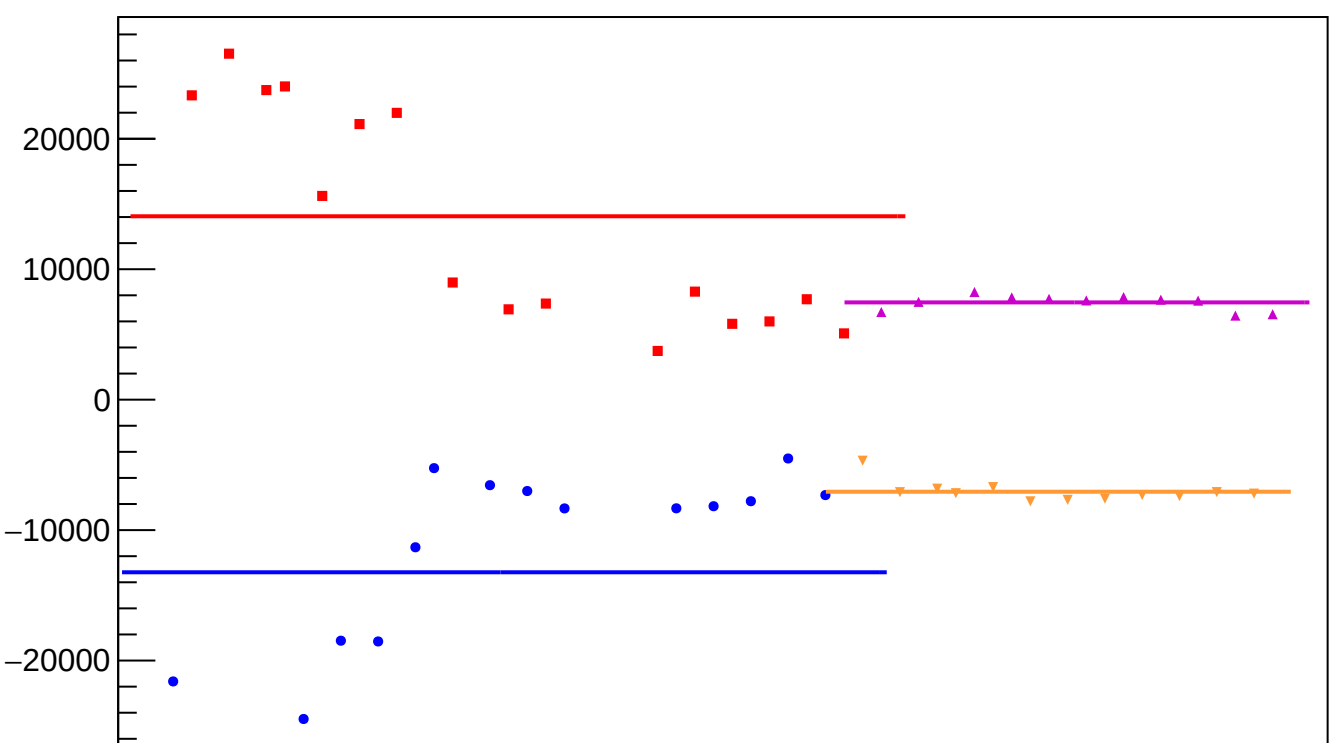
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 238.790+/-0.000 χ^2/NDF: 9764033800523105

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

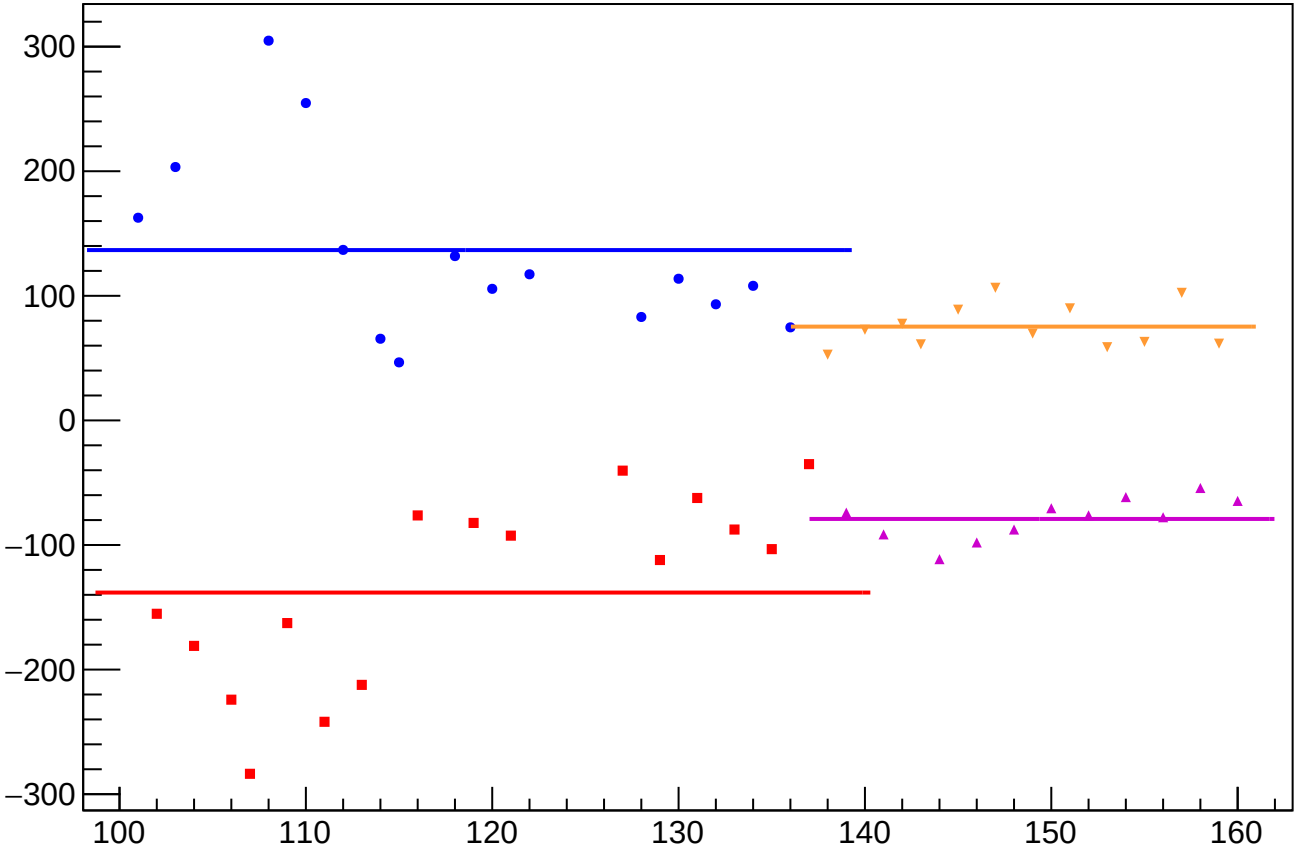
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1851.692+/-0.000 χ^2/NDF:217018548162785

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.515+/-0.000 χ^2/NDF: 42852532173 5

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -2.328+/-0.000 χ^2/NDF: 11465996409891891

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

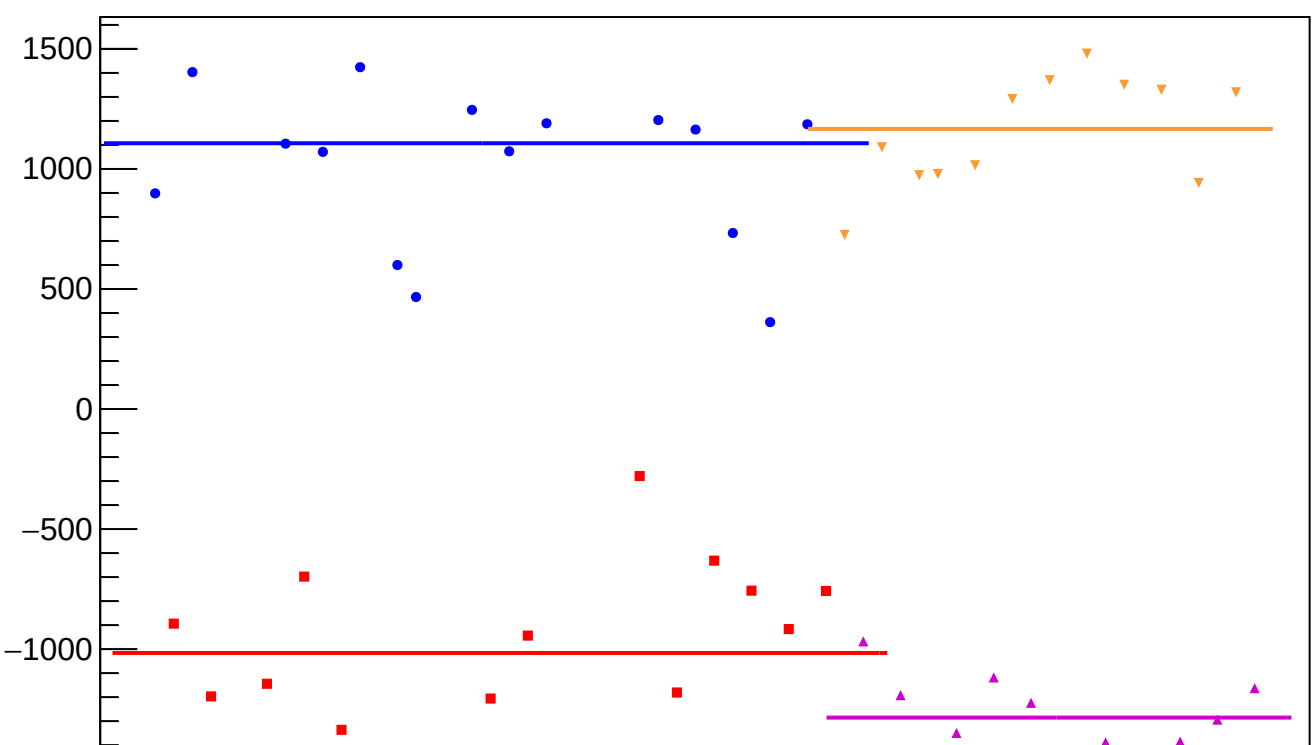
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.775+/-0.000 χ^2/NDF:2107233052694088

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.448+/-0.000 χ^2/NDF: 4224006616846

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

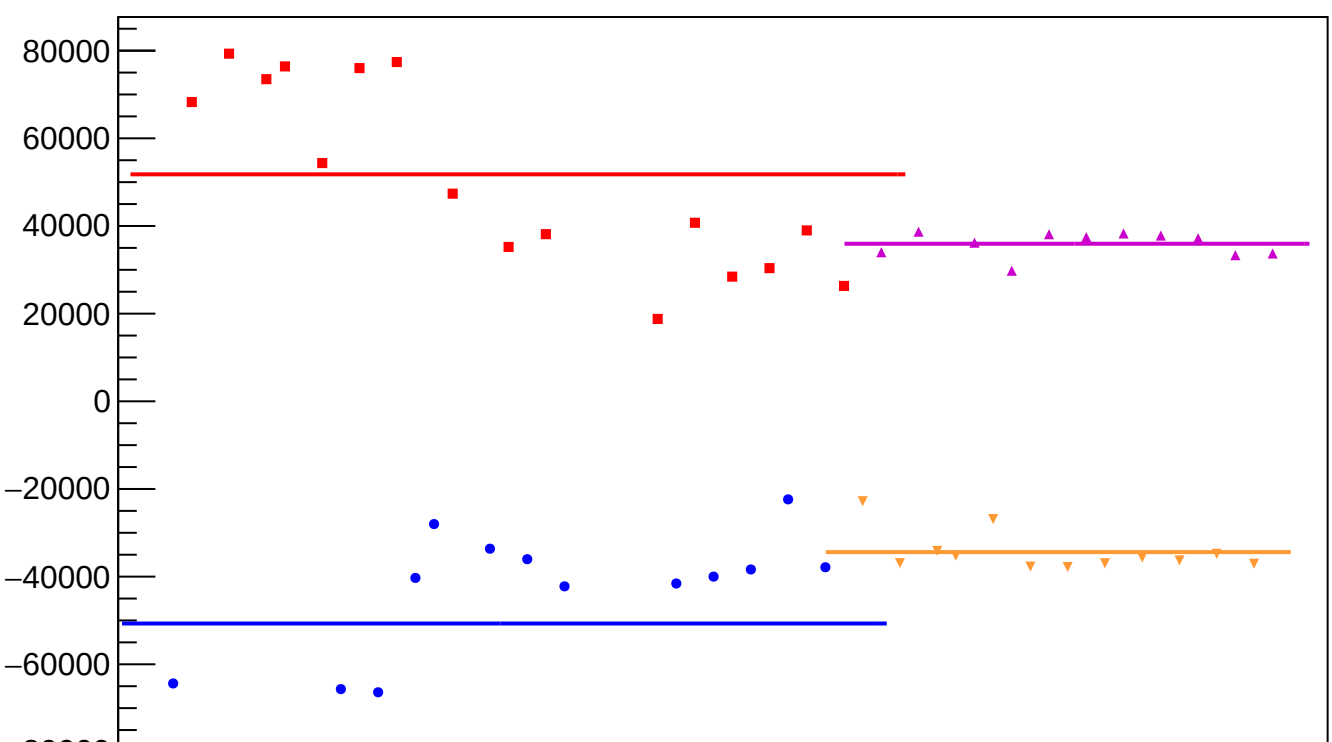
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: 963.890+/-0.000 χ^2/NDF: 2299689310411856

Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

In: 200.989+/-0.000 χ^2/NDF:30951900584449410

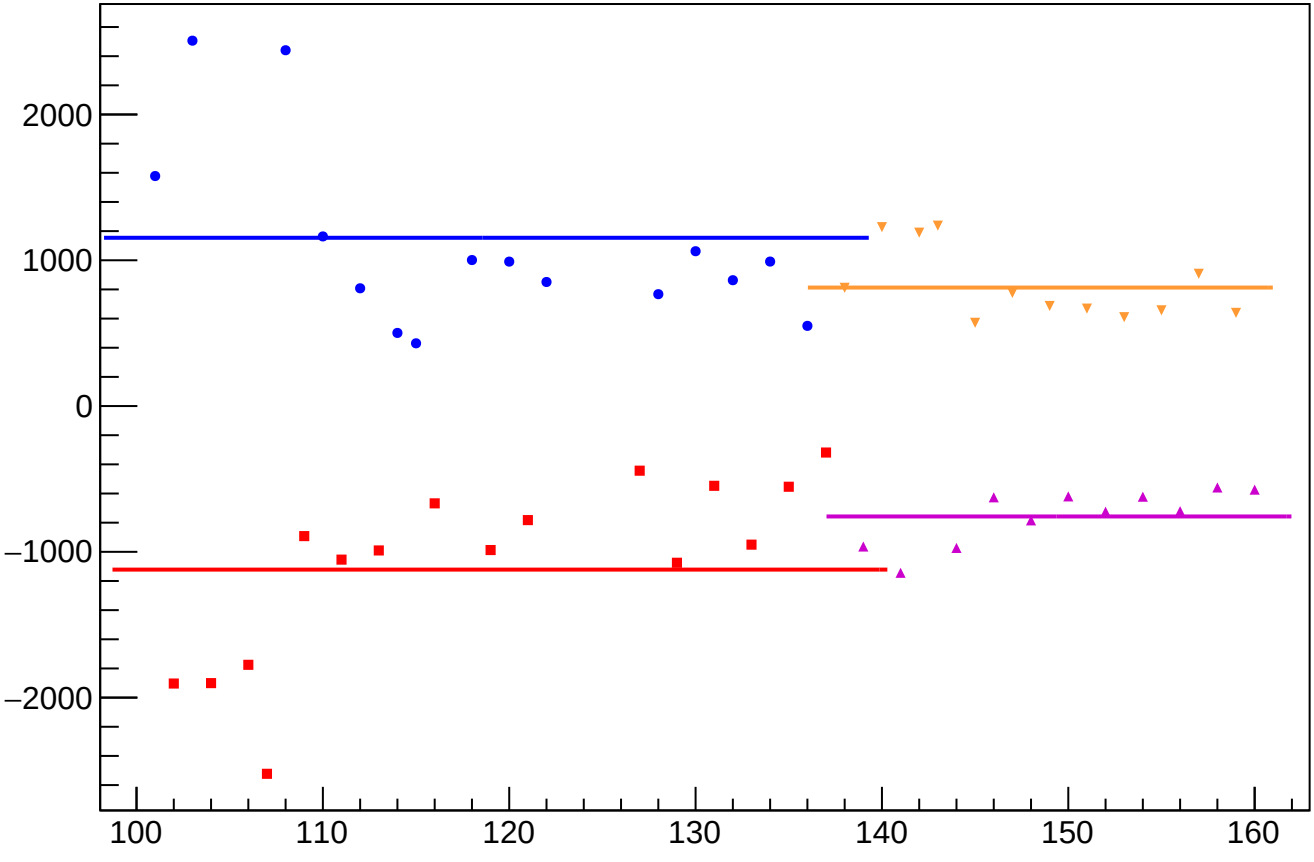
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 1956.998+/-0.000 χ^2/NDF:316504805338211

Left In: 35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

All: 1081.220+/-0.000 χ^2/NDF: 6262669489

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 23.438+/-0.000 χ^2/NDF: 1212663620352067

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946673120 0.0/14

Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3

Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11

In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97

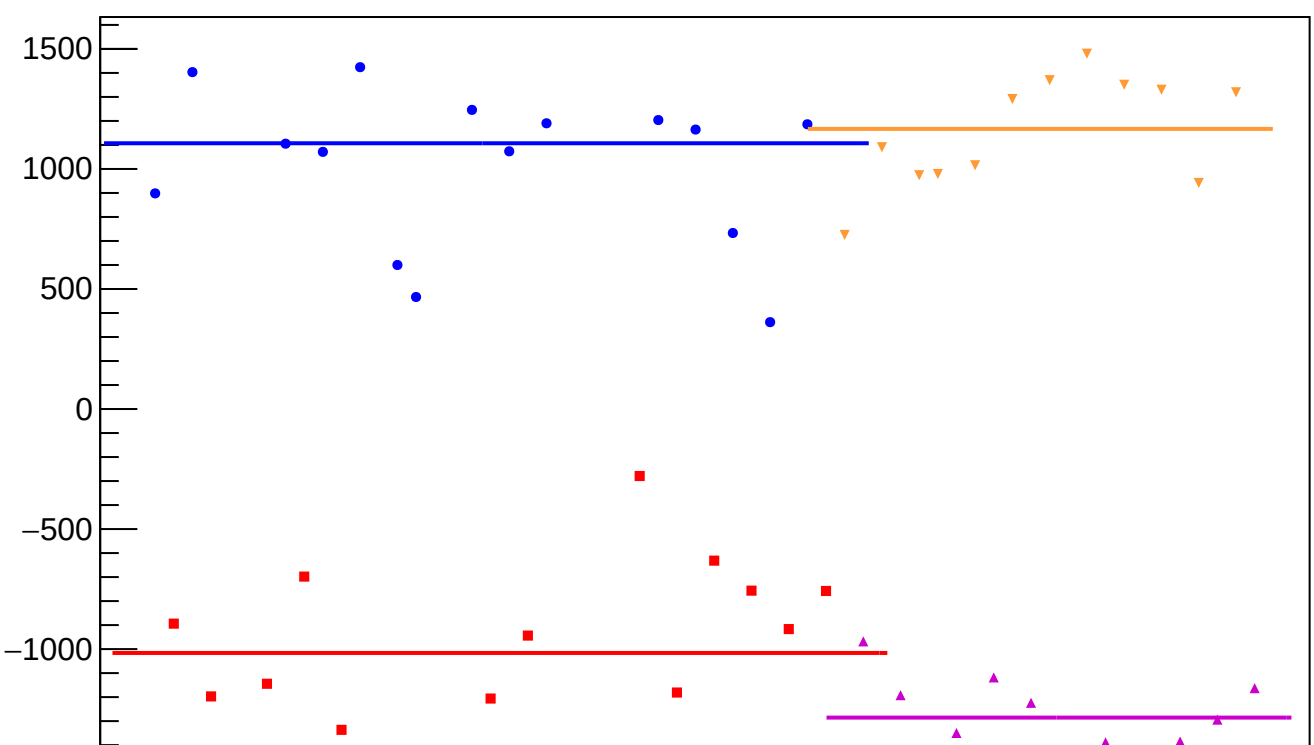
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

Out: -3.453+/-0.000 χ^2/NDF:1718368472550401 6

Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

All: 13.922+/-0.000 χ^2/NDF: 3392848168342

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

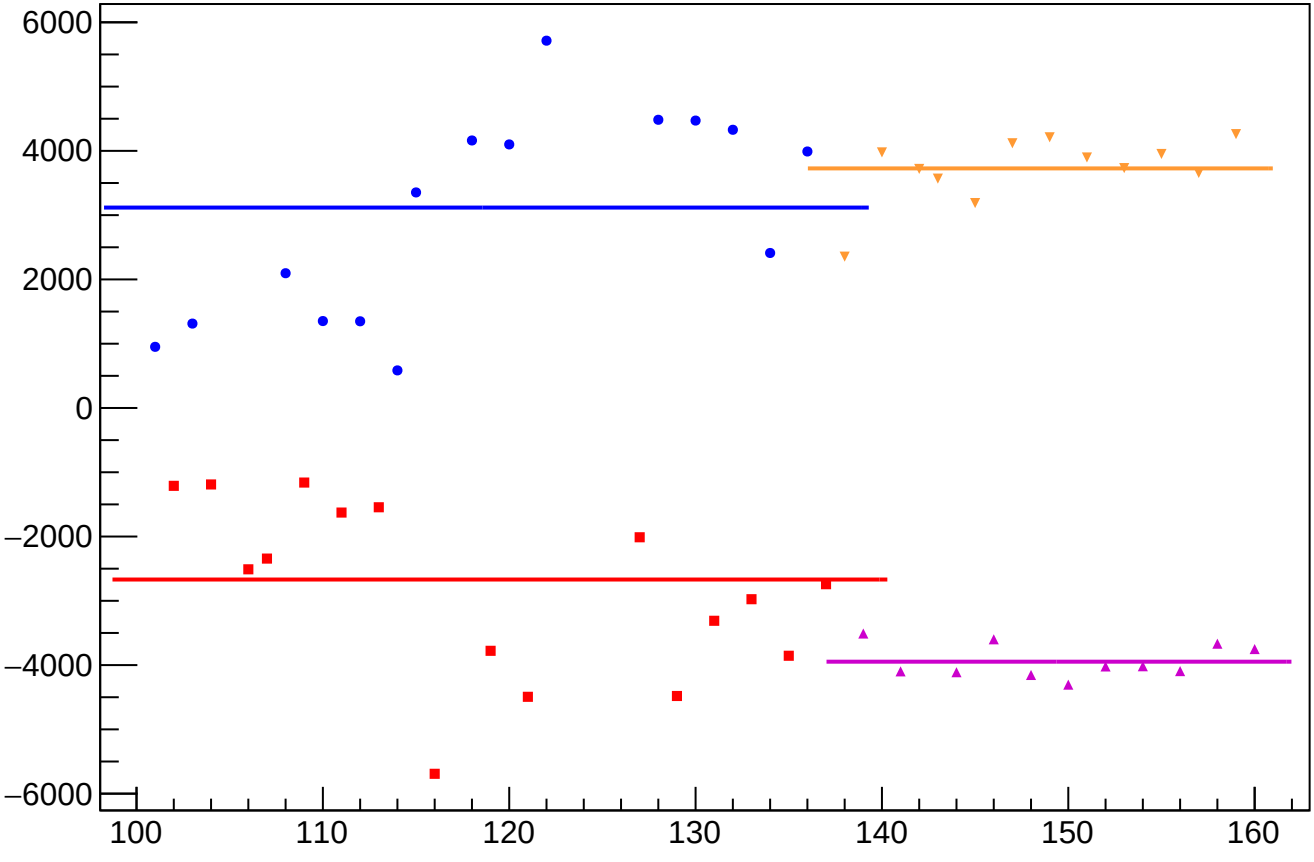
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

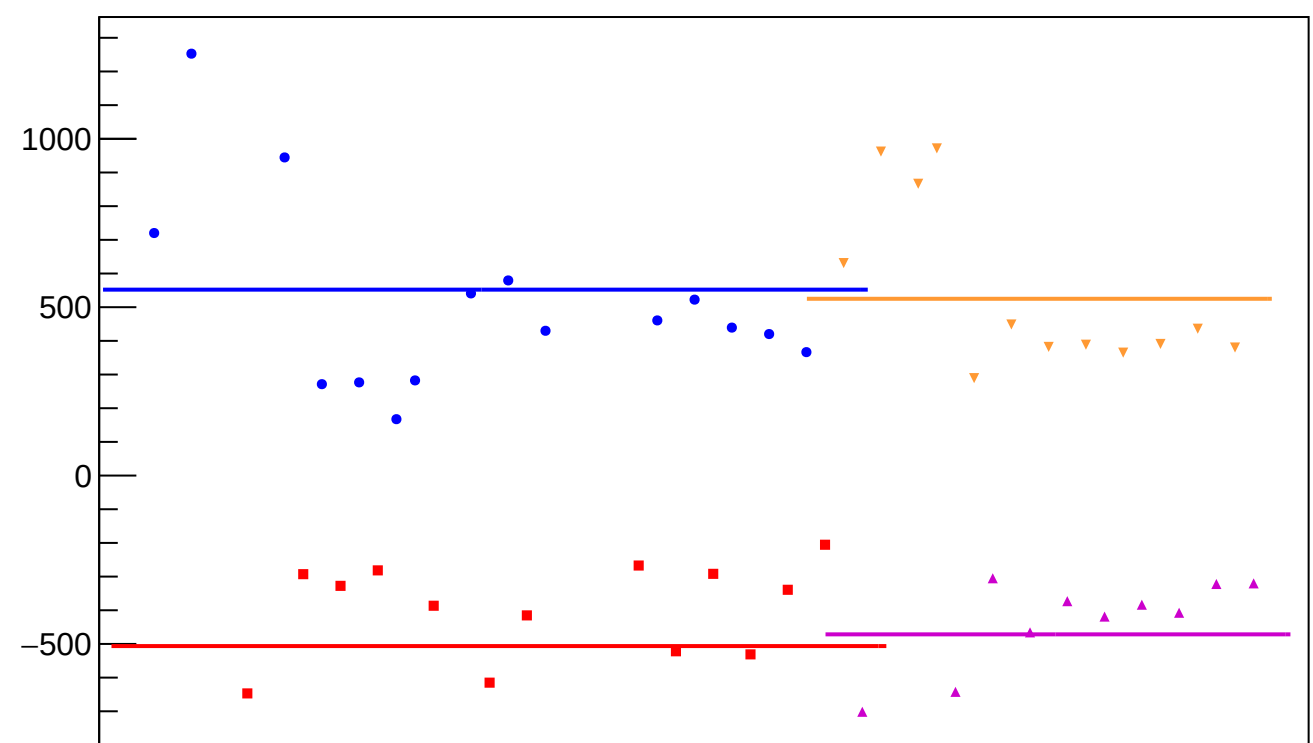
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -130.852+/-0.000 χ^2/NDF: 273547154777802
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857141 76.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1028.766+/-0.000 χ^2/NDF:171478919512140
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4113519037694 5

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 24.011+/-0.000 χ^2/NDF: 5310992125582562

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

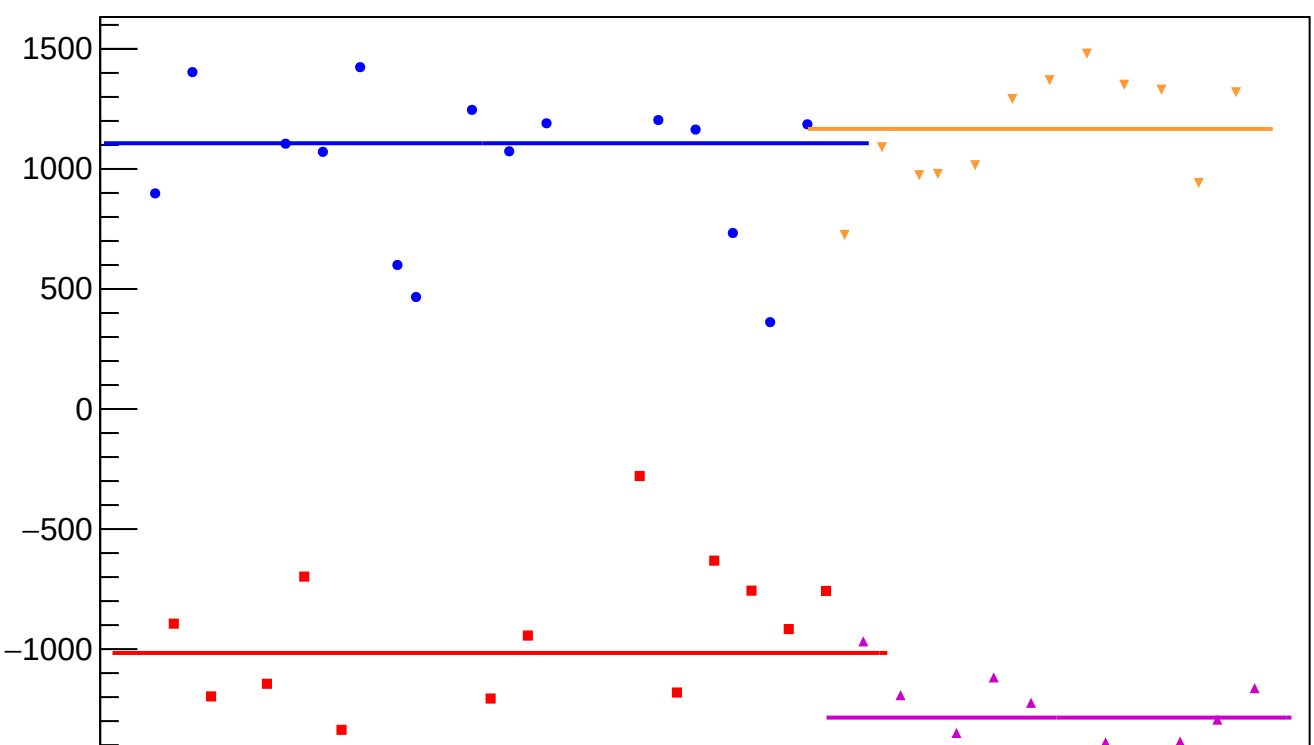
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.882+/-0.000 χ^2/NDF:4964451727515973 4

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.520+/-0.000 χ^2/NDF: 9875911626514

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

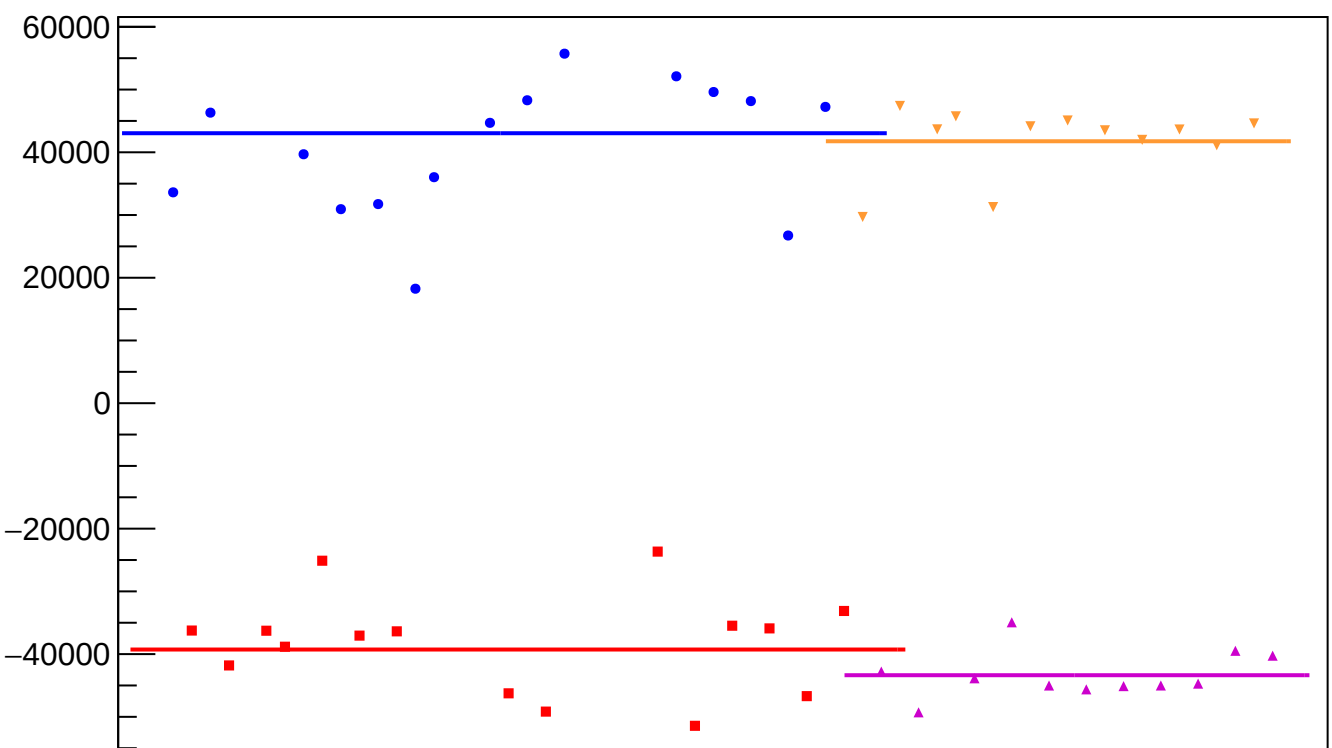
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

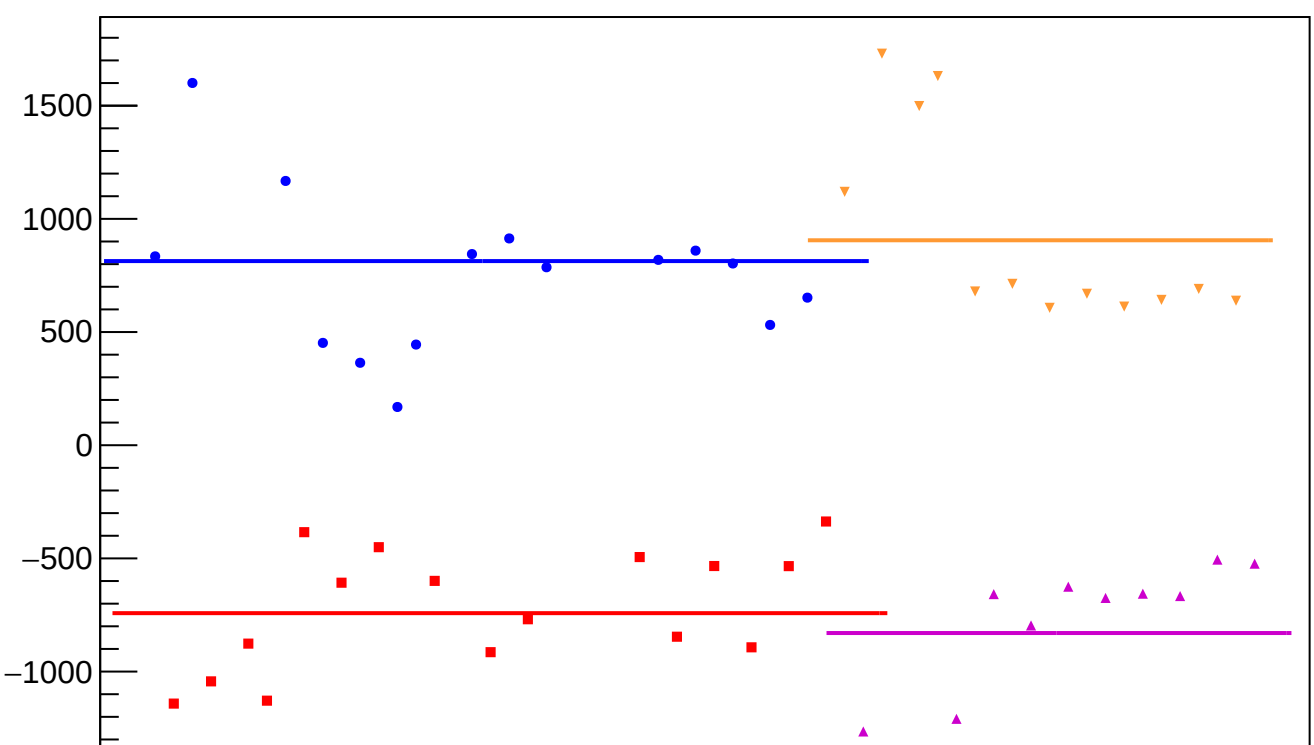
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam4_coil4_mean vs Slug, Sign Corrected



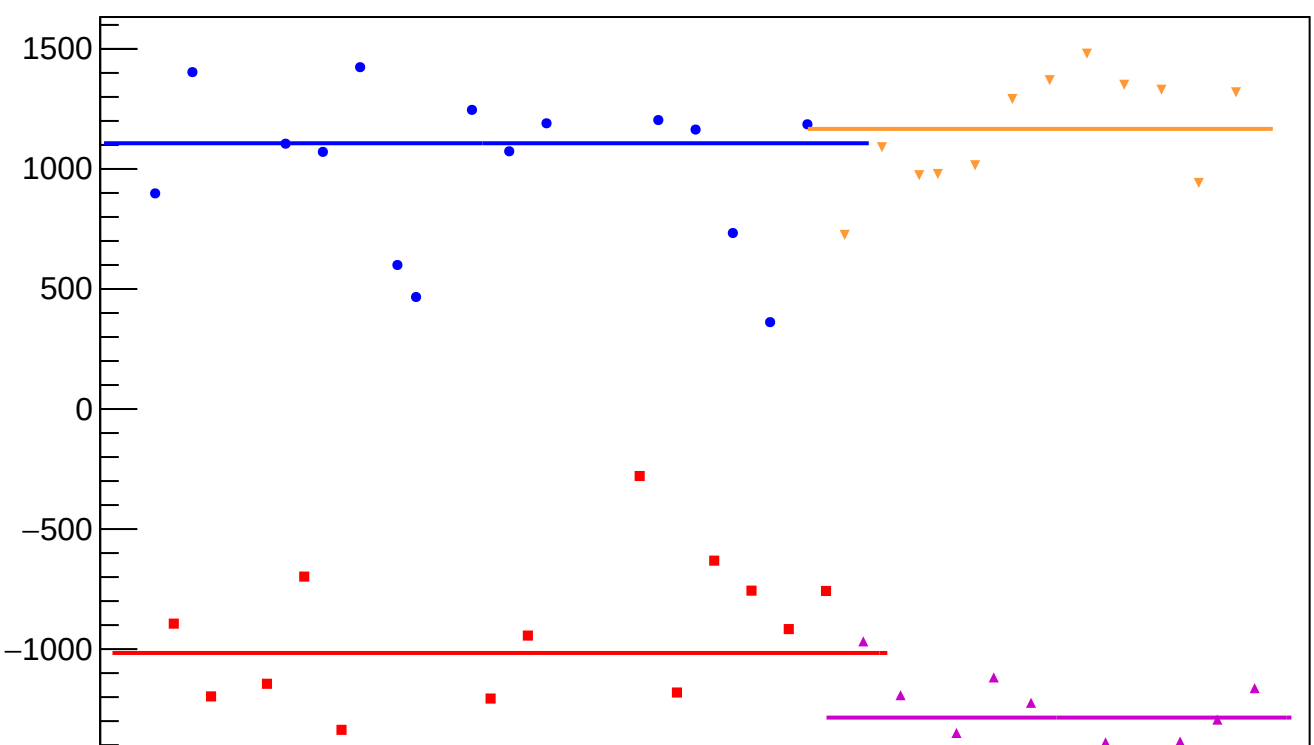
Left: -1034.394+/-0.000 χ^2/NDF: 33680407028688
Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11
In: -7715.351+/-0.000 χ^2/NDF:290679667494142
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15
Out: 7574.385+/-0.000 χ^2/NDF:26099548855296 3
Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10
All: -51.092+/-0.000 χ^2/NDF: 570108278214

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 33.114+/-0.000 χ^2/NDF: 1630992199286055
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11
In: -151.745+/-0.000 χ^2/NDF:1192581949846065
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
Out: 210.415+/-0.000 χ^2/NDF:1242037289977298
Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10
All: 29.794+/-0.000 χ^2/NDF: 2538038020154

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

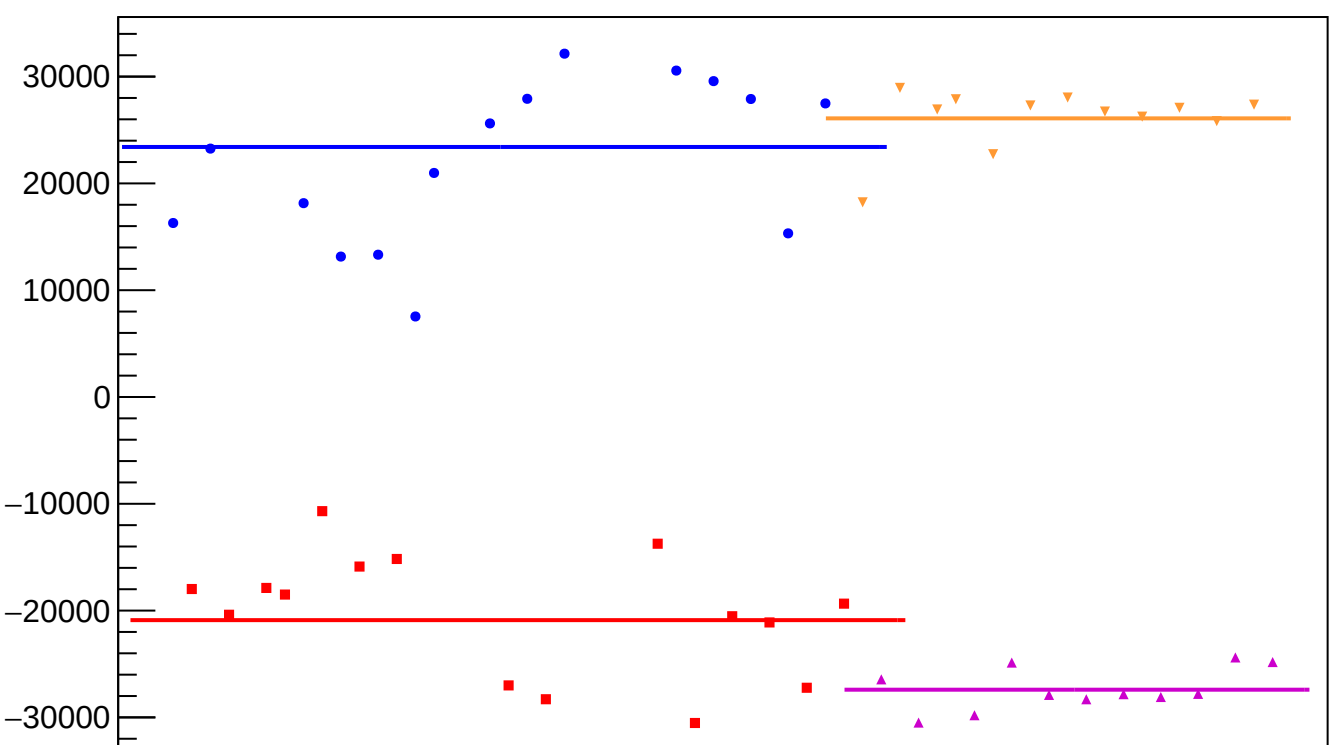
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

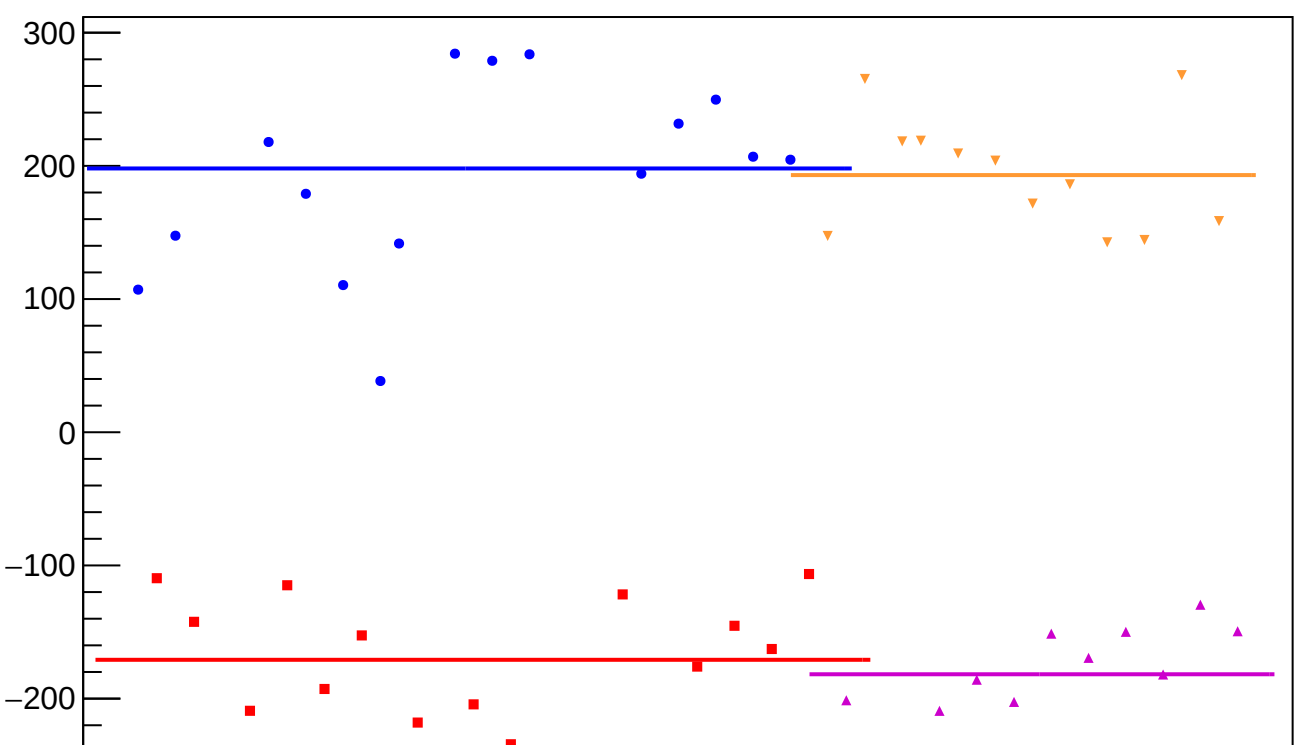
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -804.440+/-0.000 χ^2/NDF: 132562233817018
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 26089.435+/-0.000 χ^2/NDF:729747469732523123463306036407548510208 0.0/11
In: -6440.074+/-0.000 χ^2/NDF:101629631311626
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: 6267.782+/-0.000 χ^2/NDF:885907084318419
Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10
All: -70.029+/-0.000 χ^2/NDF: 202953713345

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 4.667+/-0.000 χ^2/NDF: 674560123353217064

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 193.084+/-0.000 χ^2/NDF:16827497054399498811225119123895746 56.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

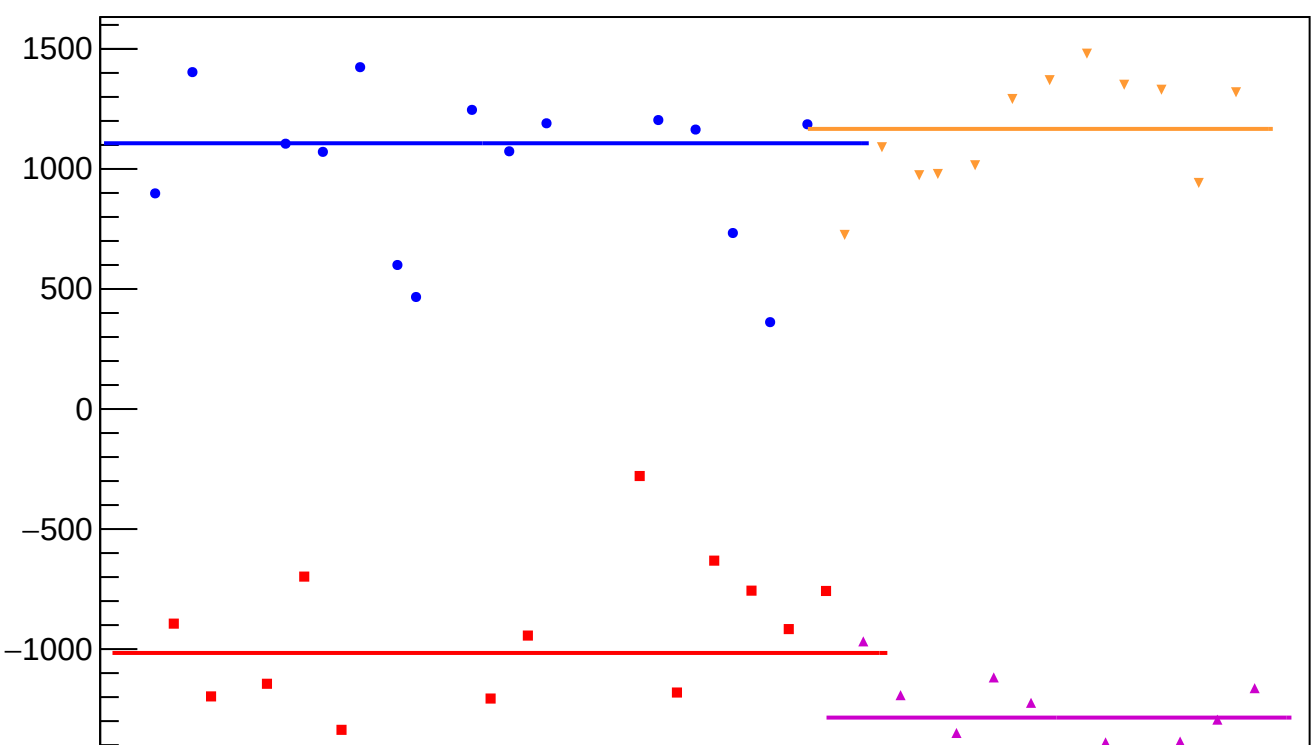
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.545+/-0.000 χ^2/NDF:5417369983342224 0

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.342+/-0.000 χ^2/NDF: 1161548333893 3

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

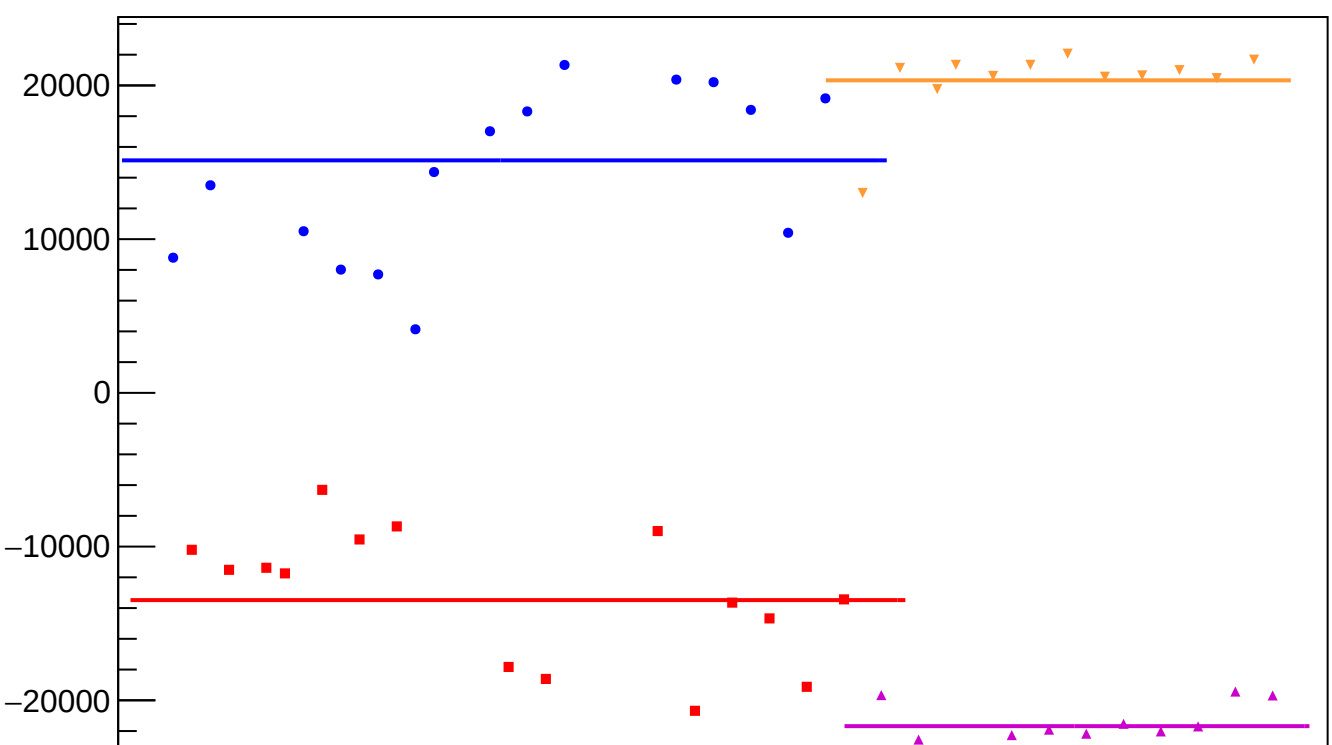
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -788.384+/-0.000 χ^2/NDF: 818050900657899

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20333.061+/-0.000 χ^2/NDF:48559492257769427632268539403690542366 72.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

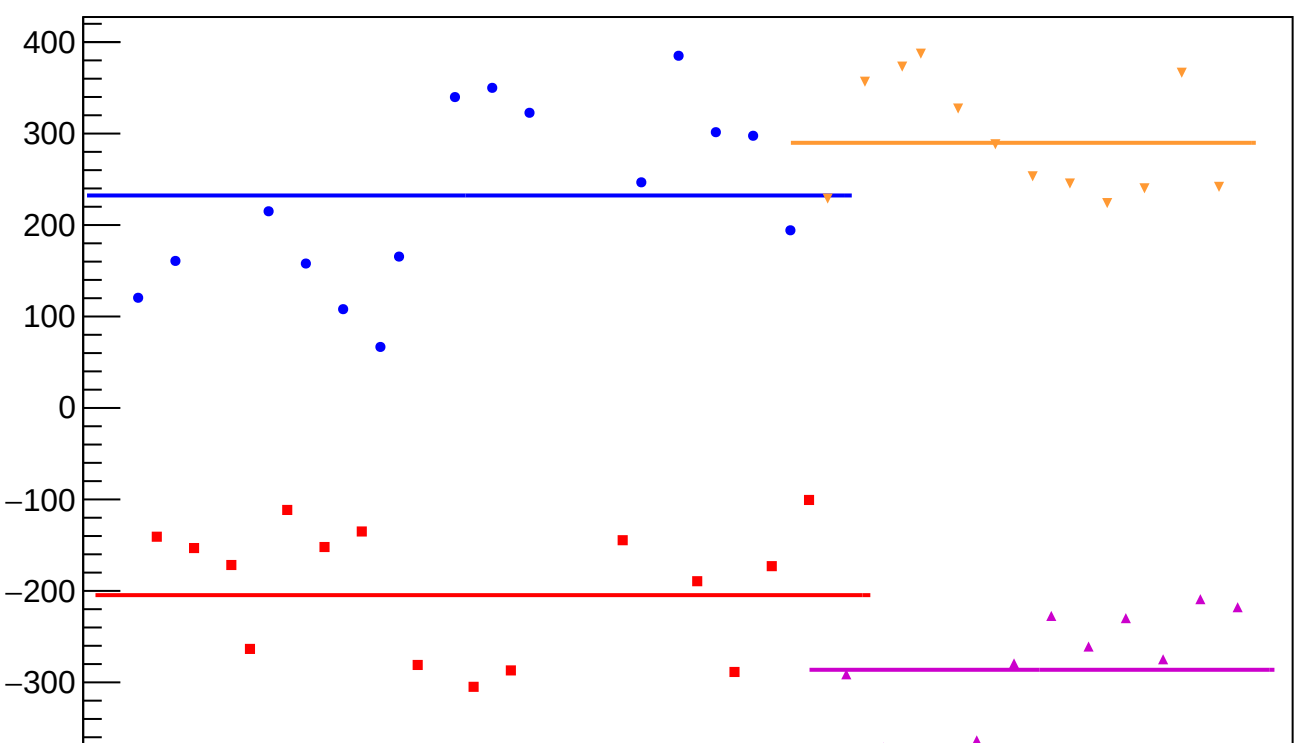
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 6066.895+/-0.000 χ^2/NDF:461693454041098

Left In: -21681.241+/-0.000 χ^2/NDF:21088745736492026217115303328663103078 40.0/10

All: -198.174+/-0.000 χ^2/NDF: 11213217633

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 0.258+/-0.000 χ^2/NDF: 15979207429454940

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

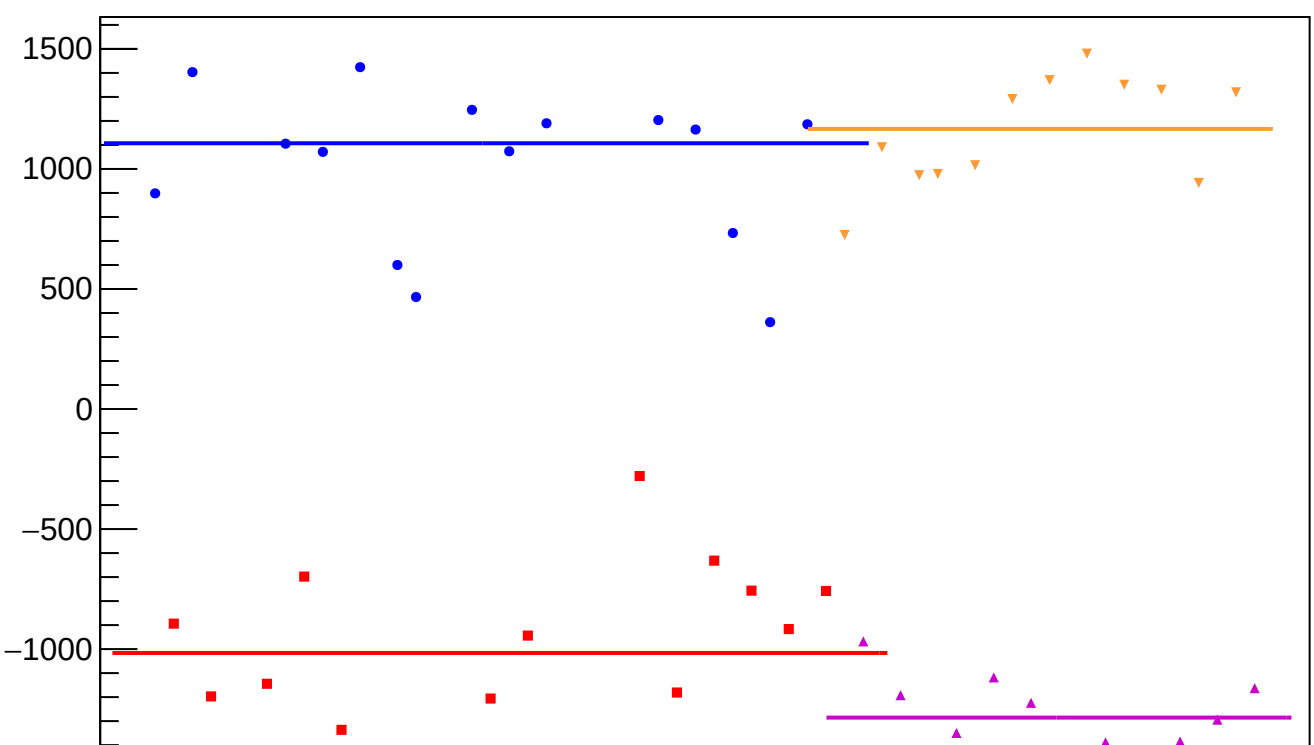
Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

Out: 81.261+/-0.000 χ^2/NDF:10206210507018627

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.677+/-0.000 χ^2/NDF: 2327138069389

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

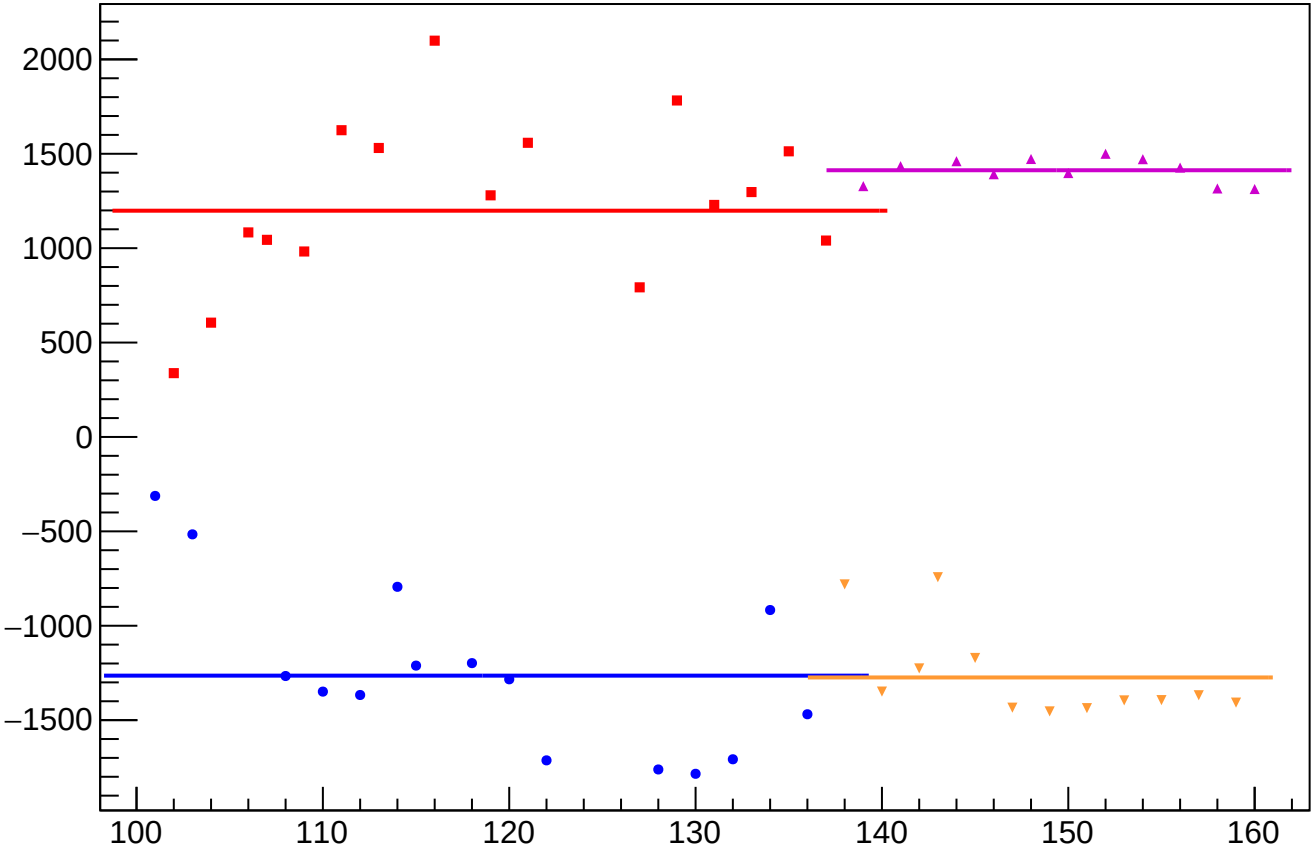
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

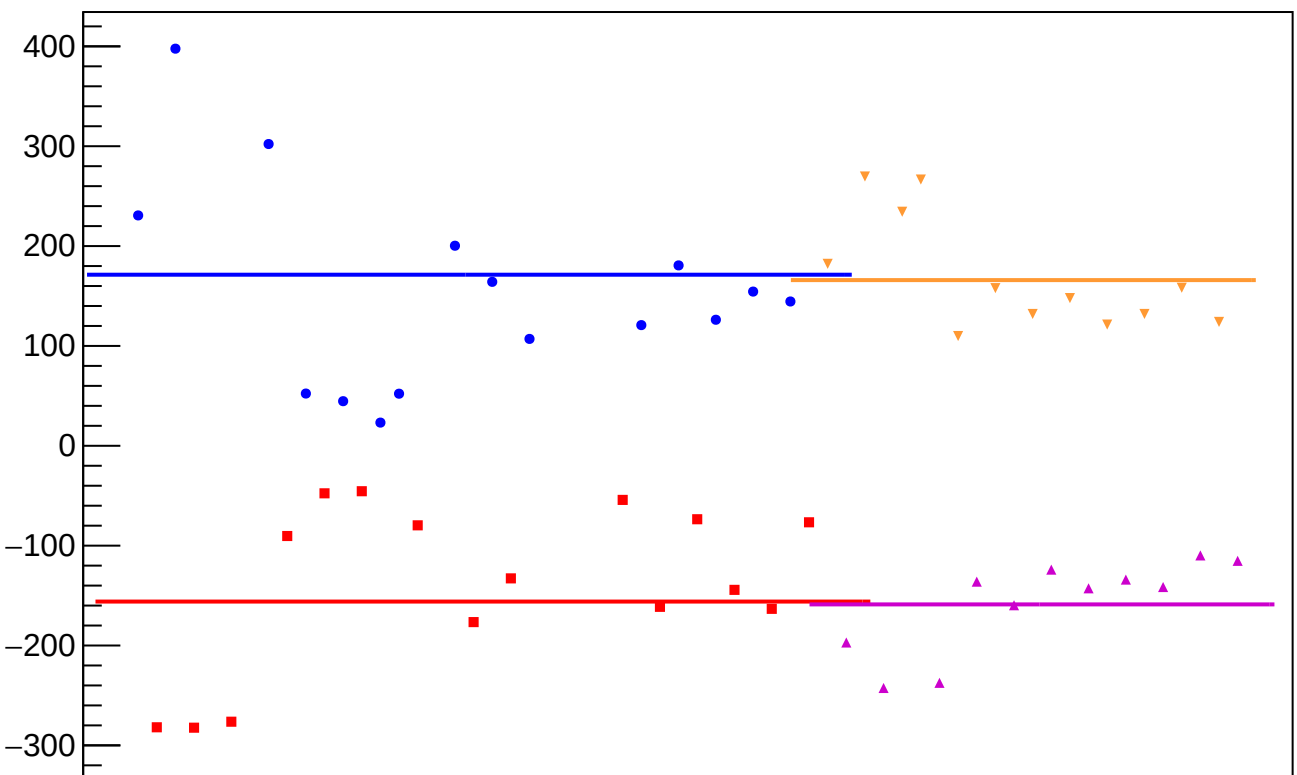
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam7_coil4_mean vs Slug, Sign Corrected



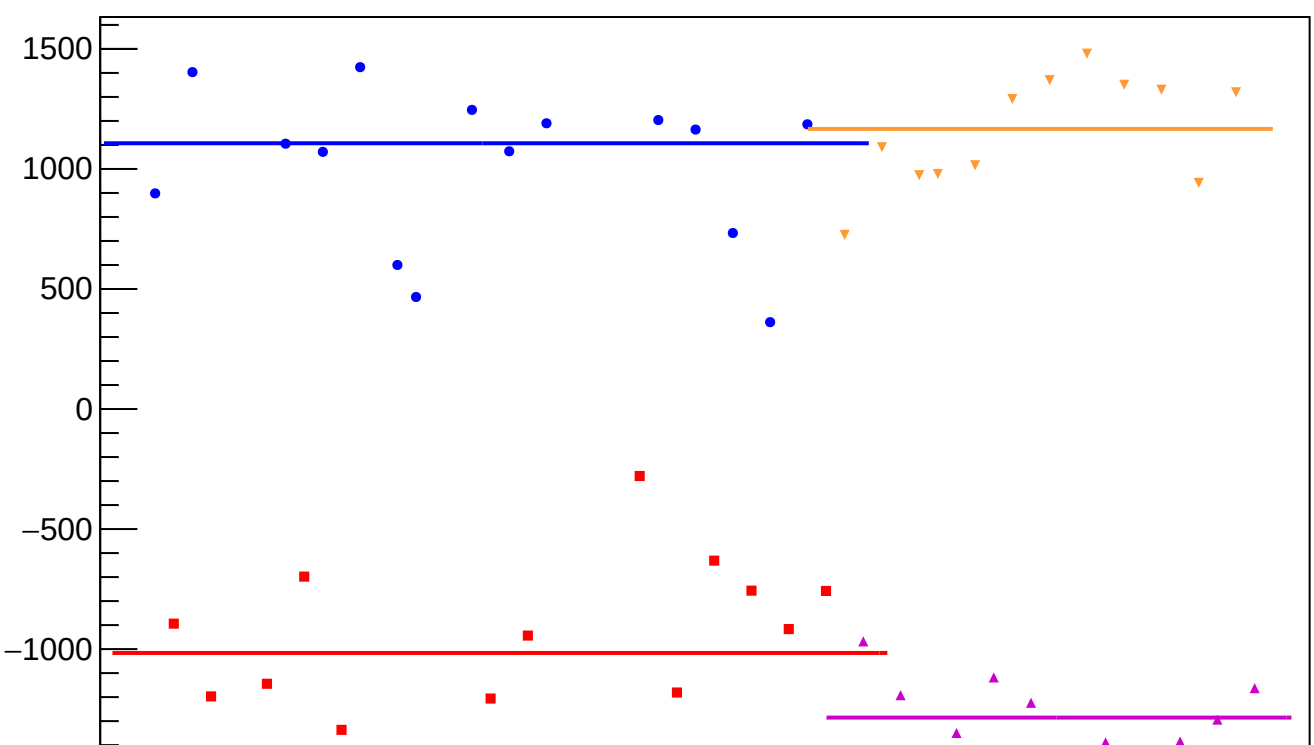
Left: 76.739+/-0.000 χ^2/NDF: 3370855271105765
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
In: 308.244+/-0.000 χ^2/NDF:2876034416148533
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: -230.846+/-0.000 χ^2/NDF:253877034127960
Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10
All: 38.016+/-0.000 χ^2/NDF: 564395559572

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 2.658+/-0.000 χ^2/NDF: 52887146607469280
Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14
Right: 5.426+/-0.000 χ^2/NDF: 47042708197761076
Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11
In: -22.615+/-0.000 χ^2/NDF:49529612486075617
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15
Out: 30.108+/-0.000 χ^2/NDF:48214291769809933
Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10
All: 3.813+/-0.000 χ^2/NDF: 99935728912409

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

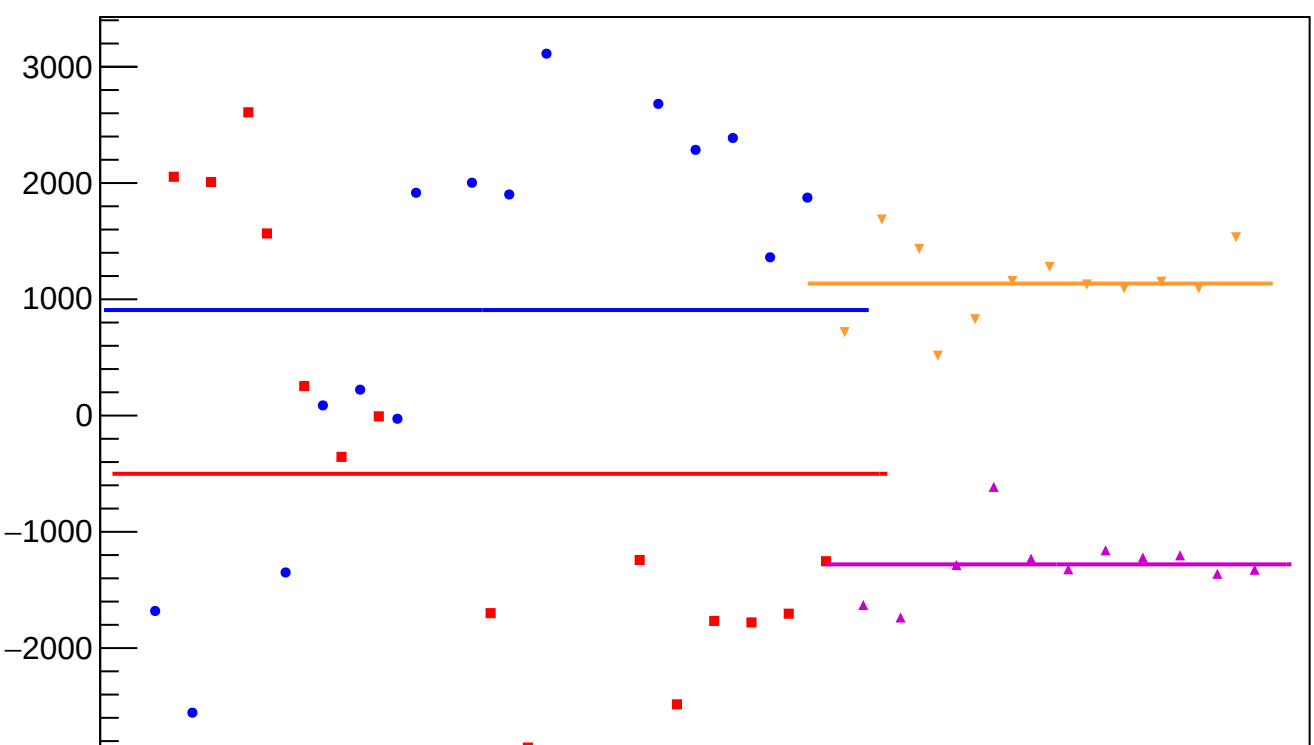
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -78.814+/-0.000 χ^2/NDF: 2838993659503494

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

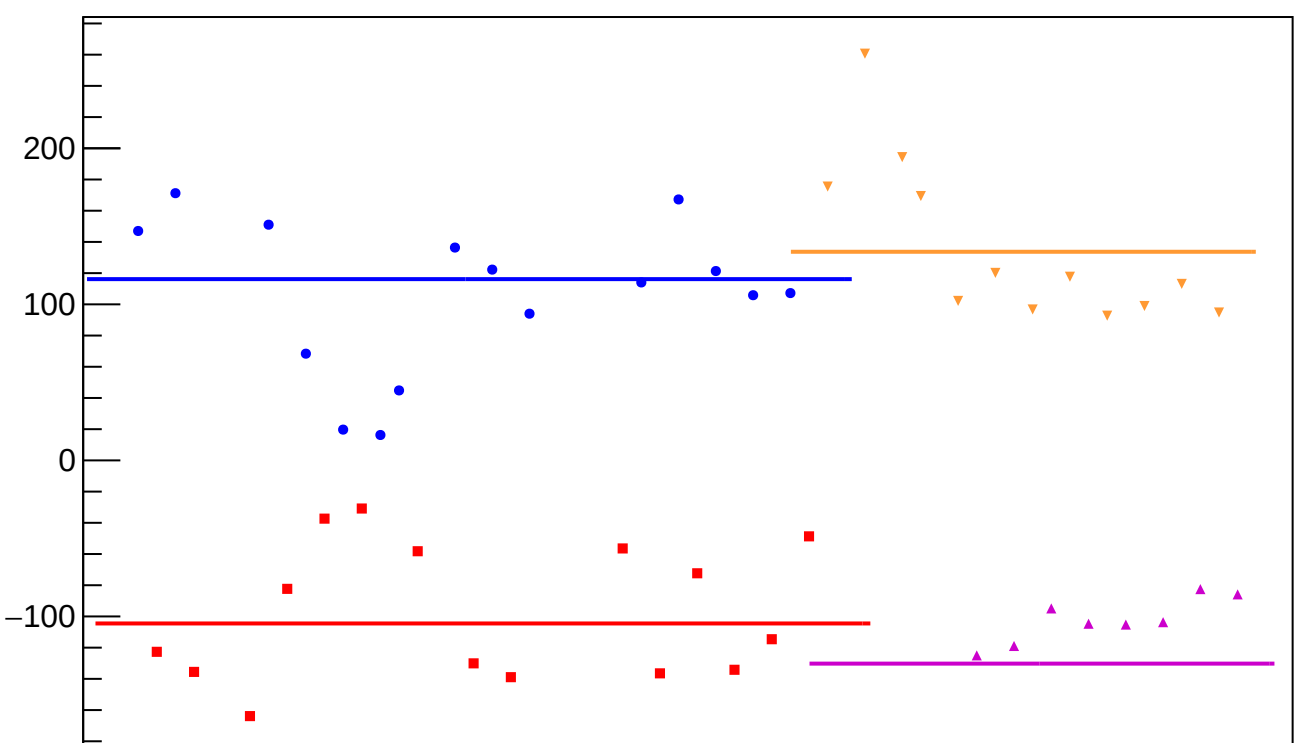
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 445.222+/-0.000 χ^2/NDF:319700162996565 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

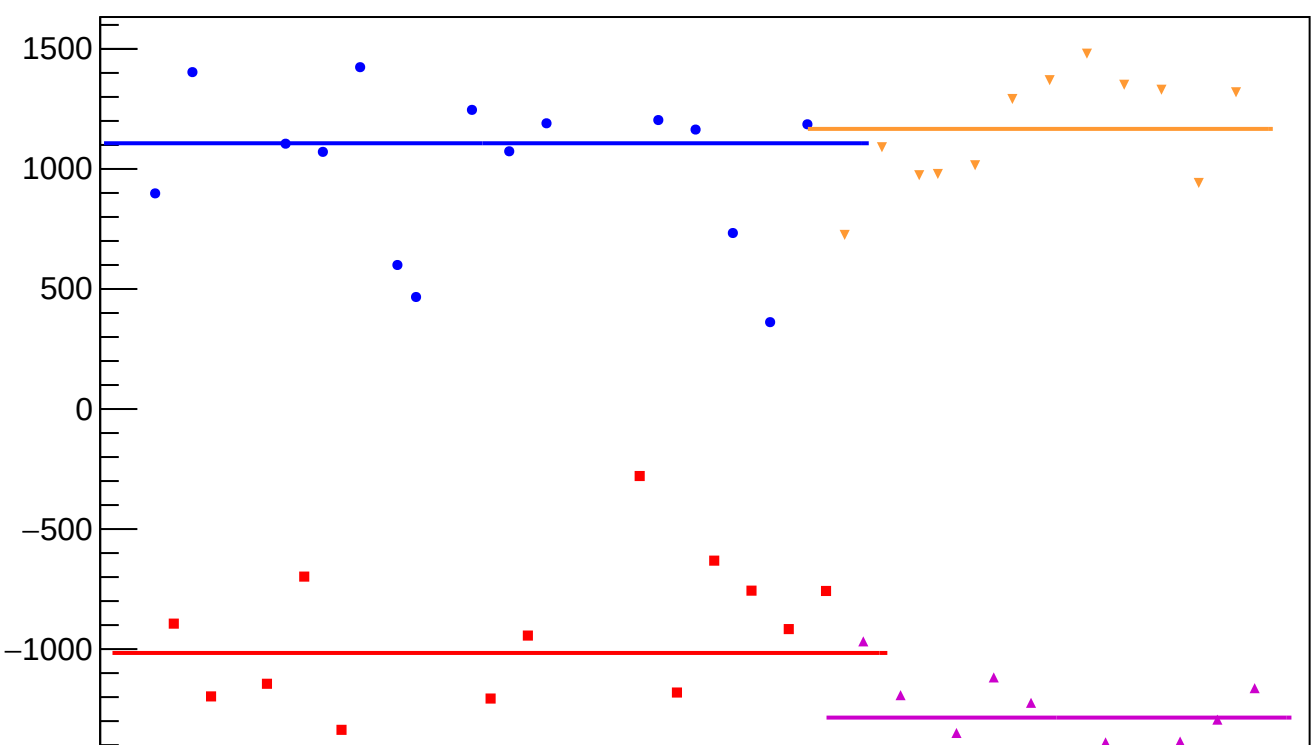
All: 34.911+/-0.000 χ^2/NDF: 7729666433906

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 1.011+/-0.000 χ^2/NDF: 36308944838533435
Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14
Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2
Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11
In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15
Out: 33.204+/-0.000 χ^2/NDF:2549629849593312 0
Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10
All: 2.392+/-0.000 χ^2/NDF: 5481809749299 9

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

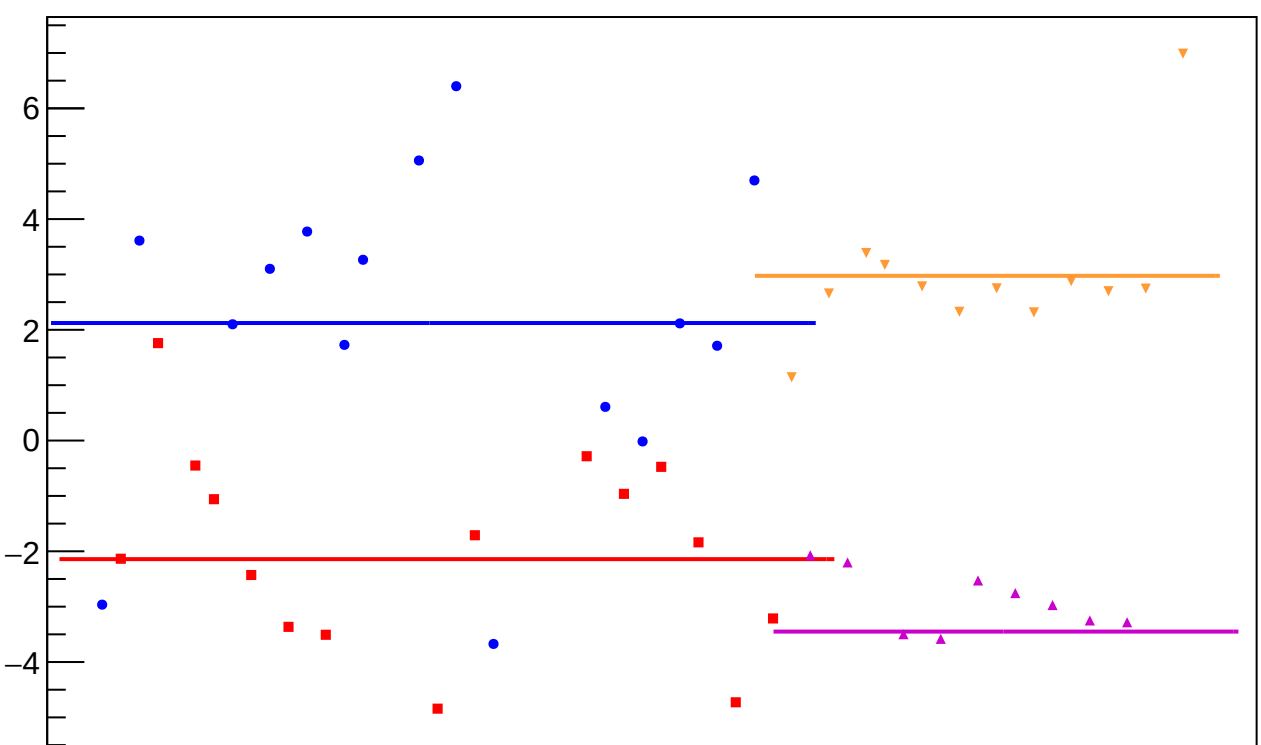
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

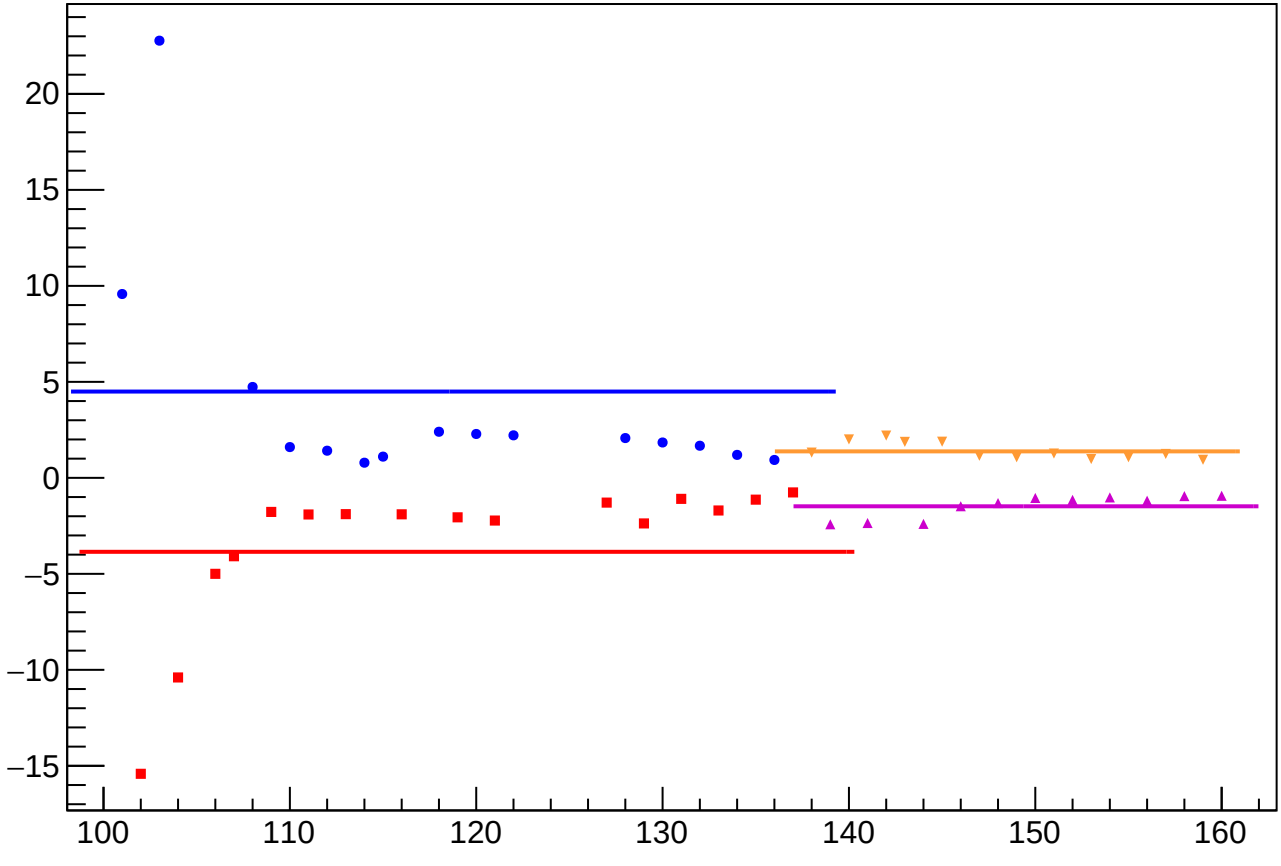
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.255+/-0.000 χ^2/NDF: 2217681353185582
Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11
In: -1.151+/-0.000 χ^2/NDF:186566302459324539
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
Out: 0.817+/-0.000 χ^2/NDF:142230420380905144
Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10
All: -0.165+/-0.000 χ^2/NDF: 3593171973560

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4221338809733583 2

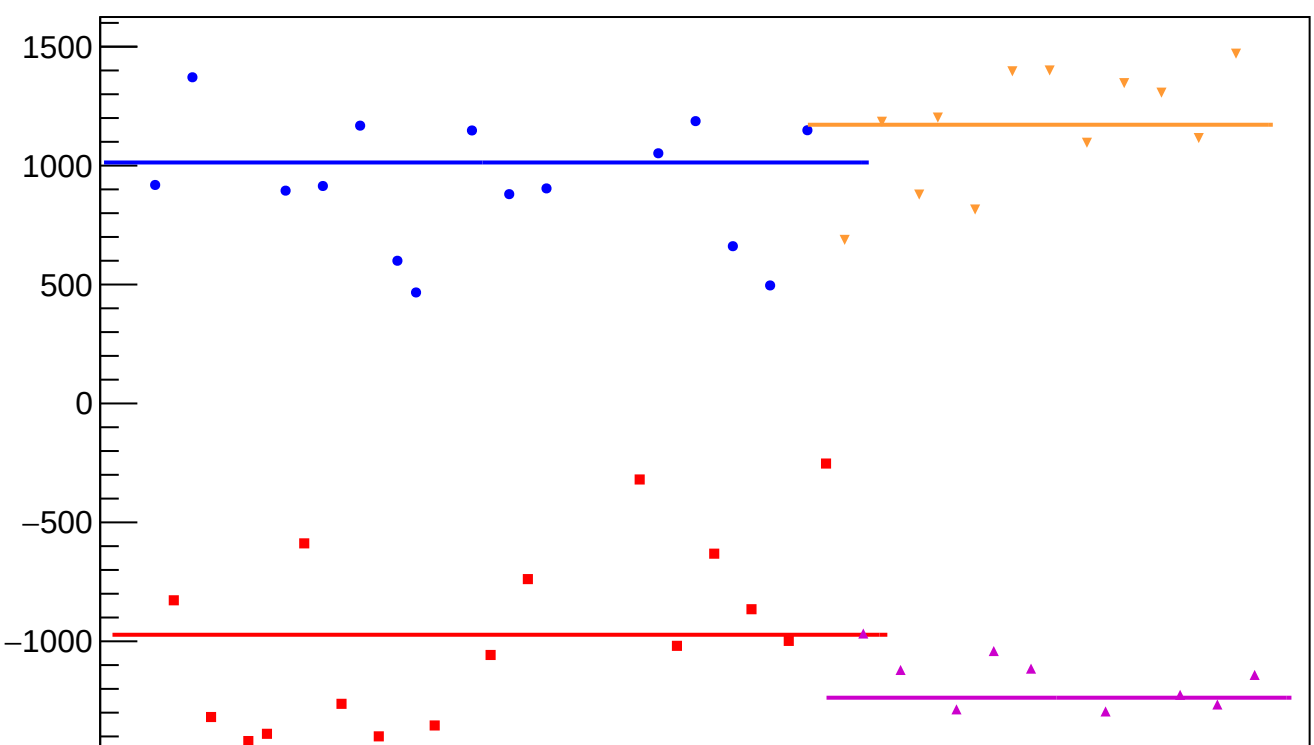
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.828+/-0.000 χ^2/NDF:2301887881616390 2

All: 0.076+/-0.000 χ^2/NDF: 6480733516241 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

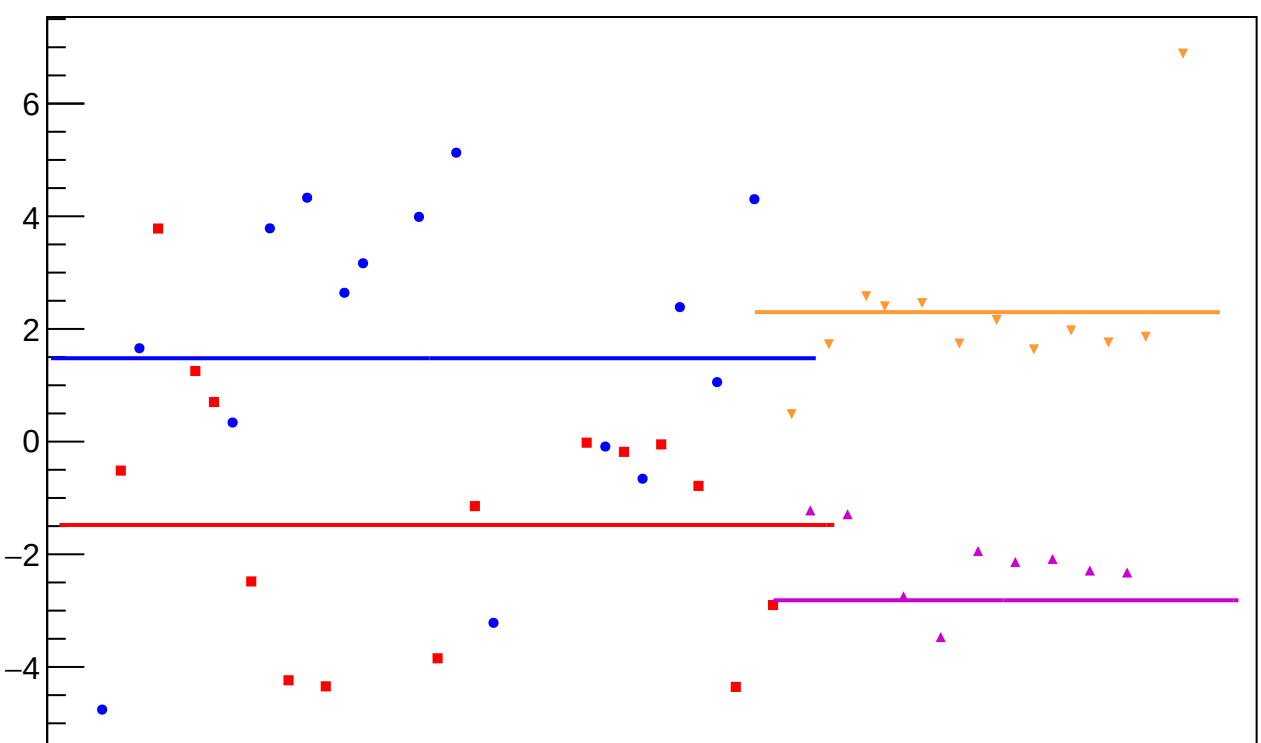
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.273+/-0.000 χ^2/NDF: 16328800028734705

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.298+/-0.000 χ^2/NDF:207987099173978046259333480369356 8.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

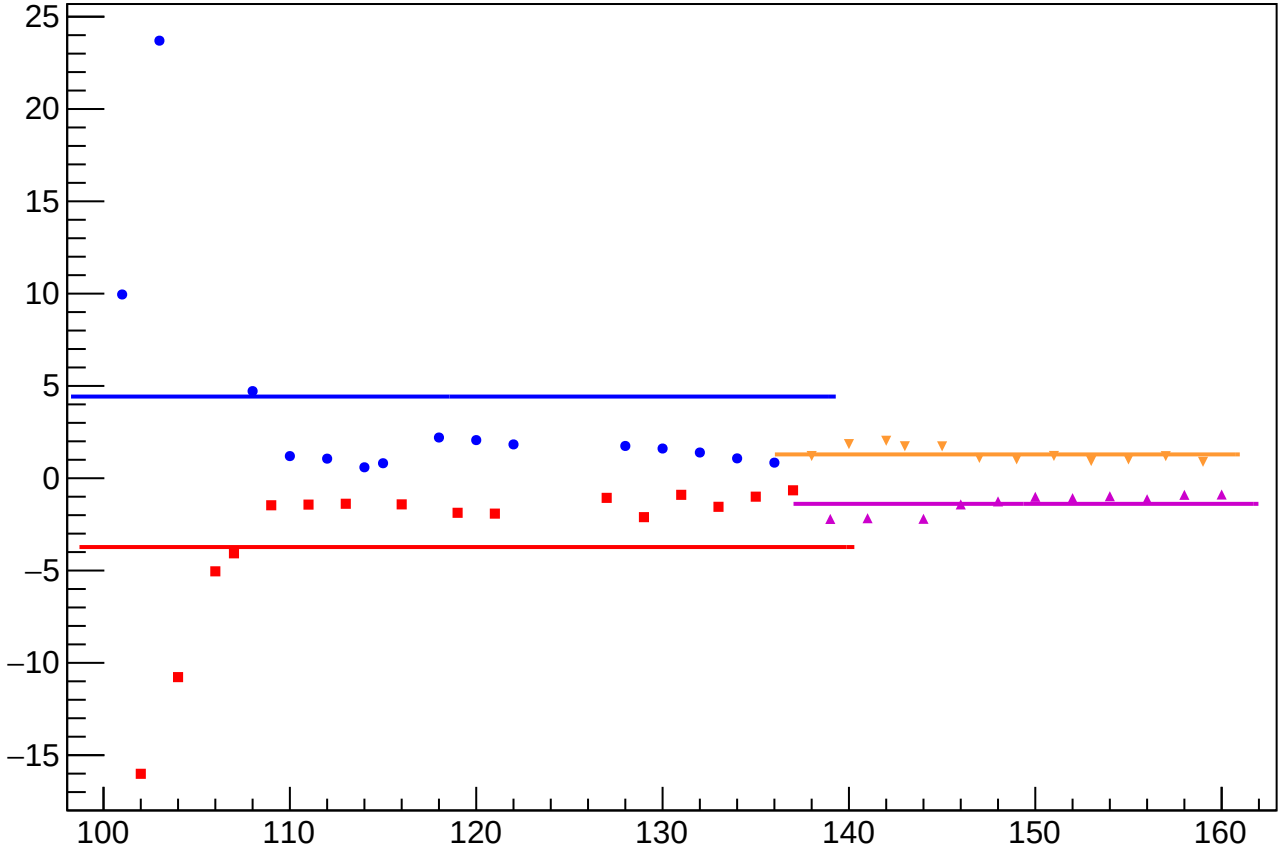
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.704+/-0.000 χ^2/NDF:116768203154190595

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.168+/-0.000 χ^2/NDF: 2915247501265

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Left Out: 1.291+/-0.000 χ^2/NDF:1192017256184521909174903242752 00.0/11

Right Out: -3.727+/-0.000 χ^2/NDF: 1399181681474984251979428485346 0992.0/15

Left In: -1.387+/-0.000 χ^2/NDF:2453812059137343689478295613603 84.0/10

Left: -0.056+/-0.000 χ^2/NDF: 36599109111417461

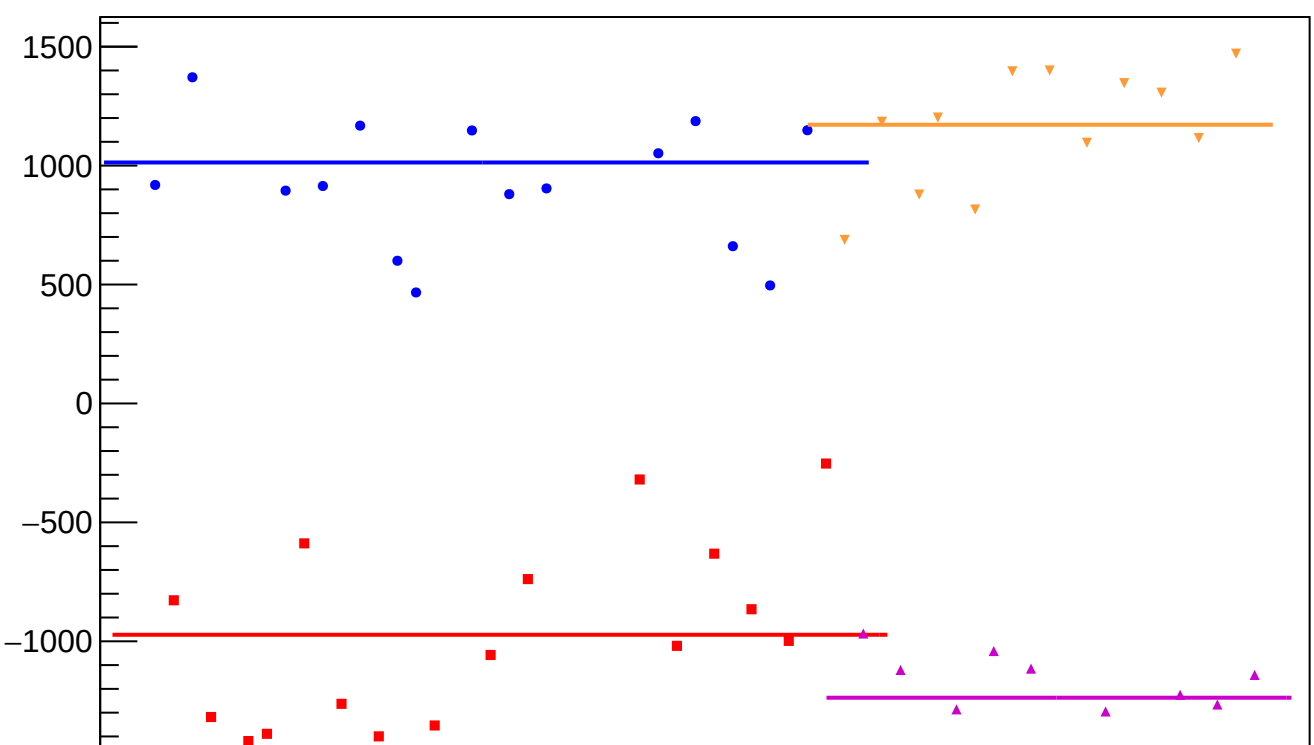
Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

In: 1.011+/-0.000 χ^2/NDF:4137923473893372080

Out: -0.826+/-0.000 χ^2/NDF:2382007871532663 3

All: 0.090+/-0.000 χ^2/NDF: 6785950193178 3

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

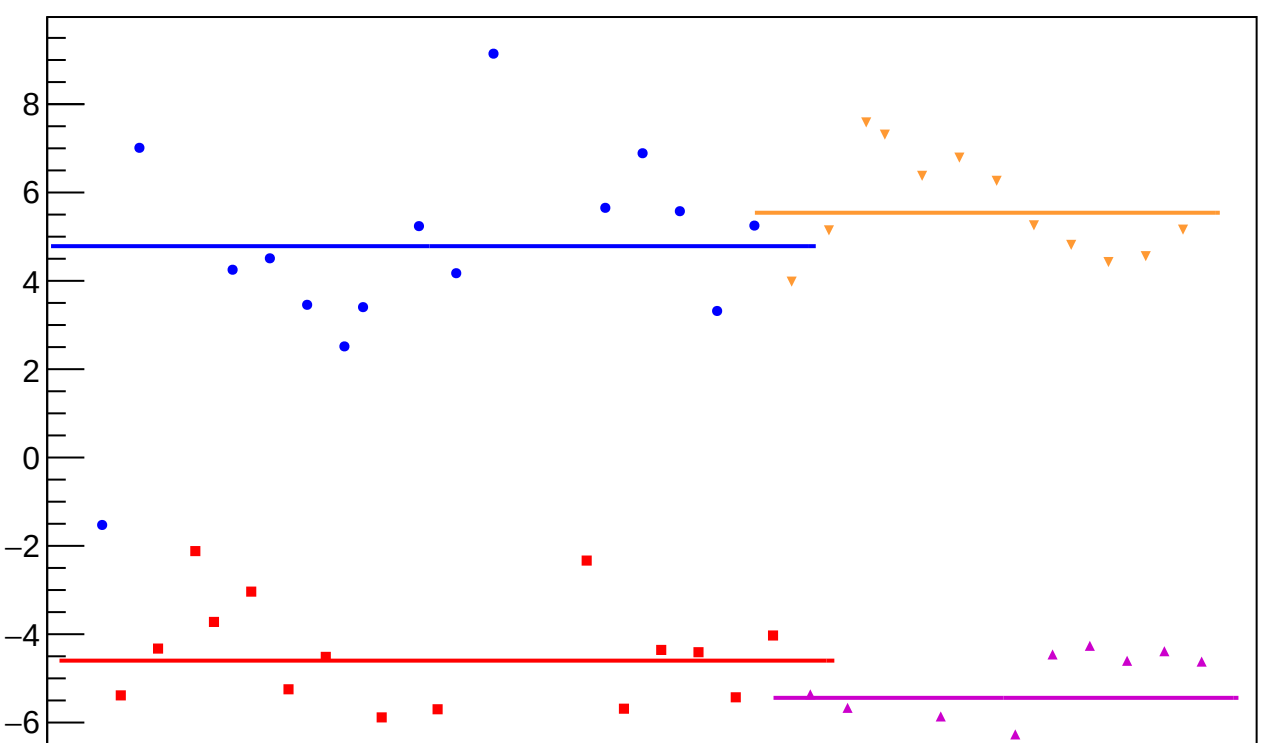
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

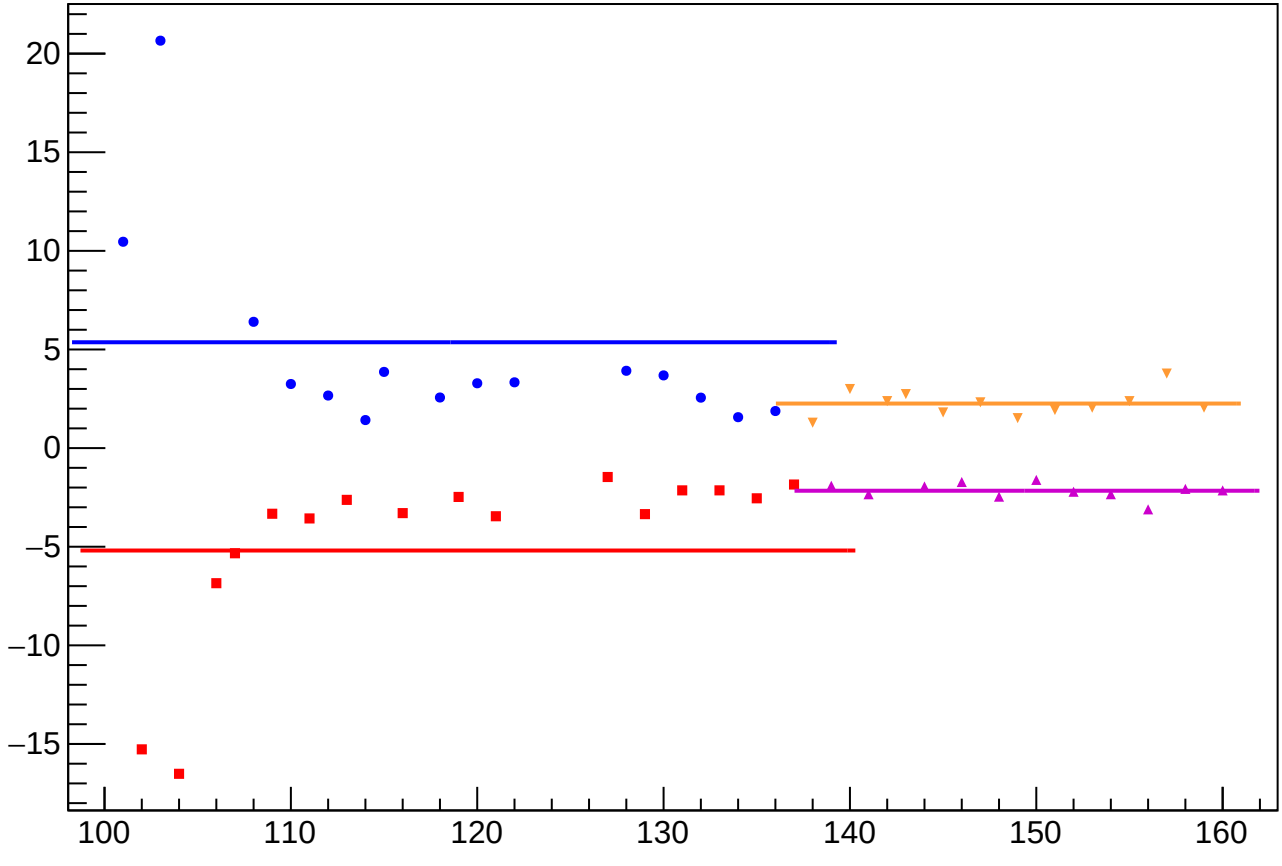
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 57456947506908561
Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4,0/14
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2
Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136,0/11
In: -1.222+/-0.000 χ^2/NDF:448312824685683470
Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15
Out: 1.264+/-0.000 χ^2/NDF:41702445109465698 4
Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10
All: 0.024+/-0.000 χ^2/NDF: 9140557061234 9

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.037+/-0.000 χ^2/NDF: 951216511750757833

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

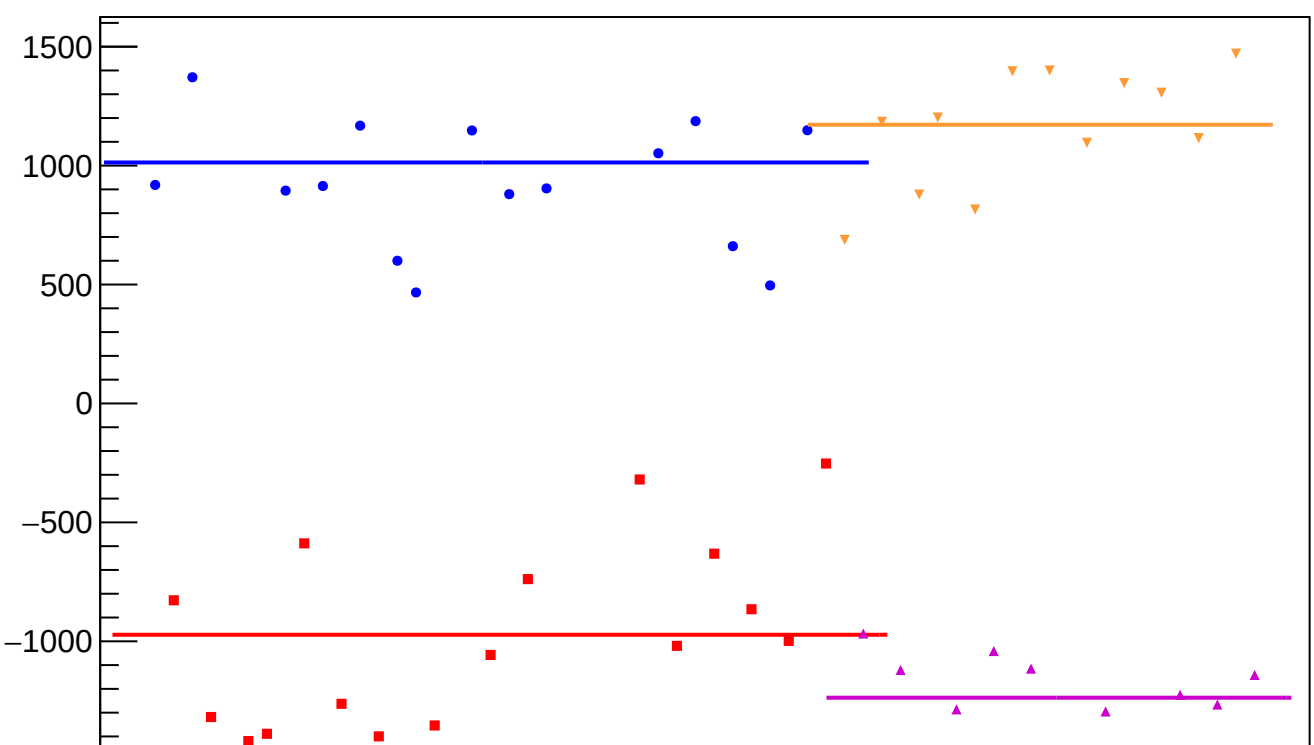
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -0.885+/-0.000 χ^2/NDF:3755287546995295 3

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8071194607126 6

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

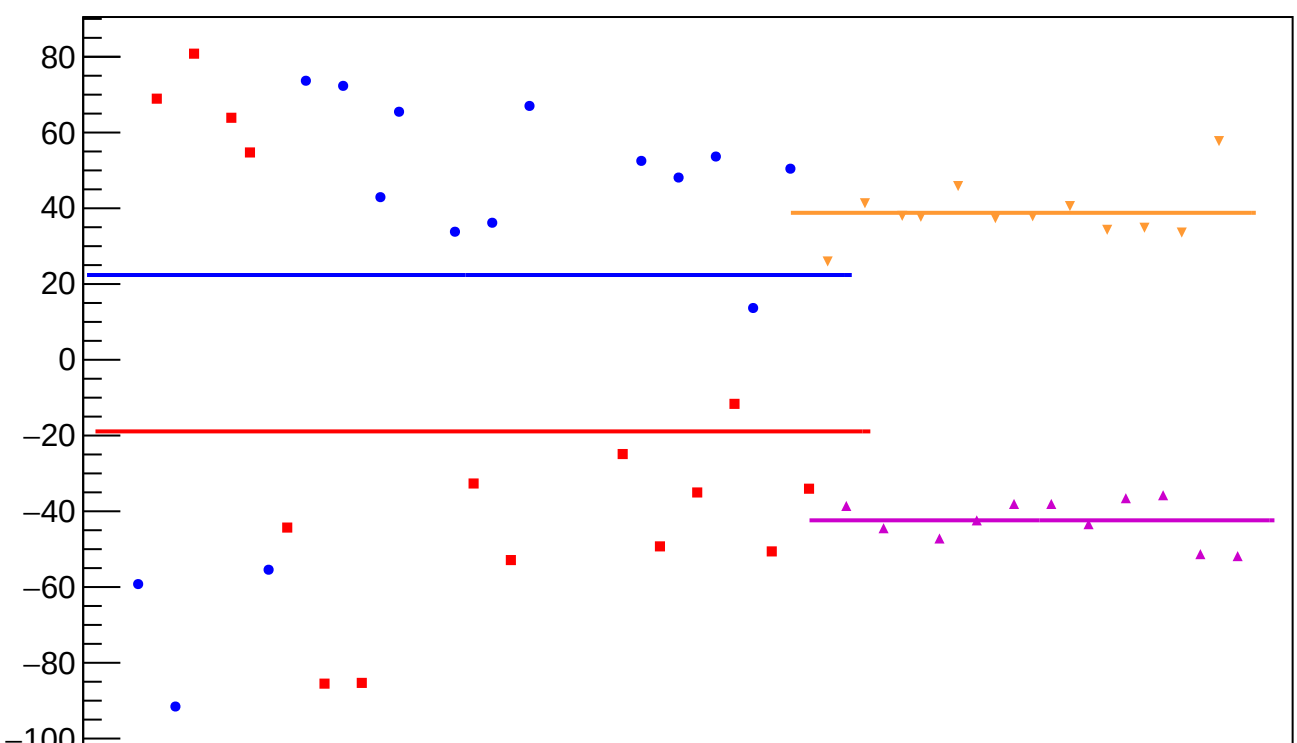
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

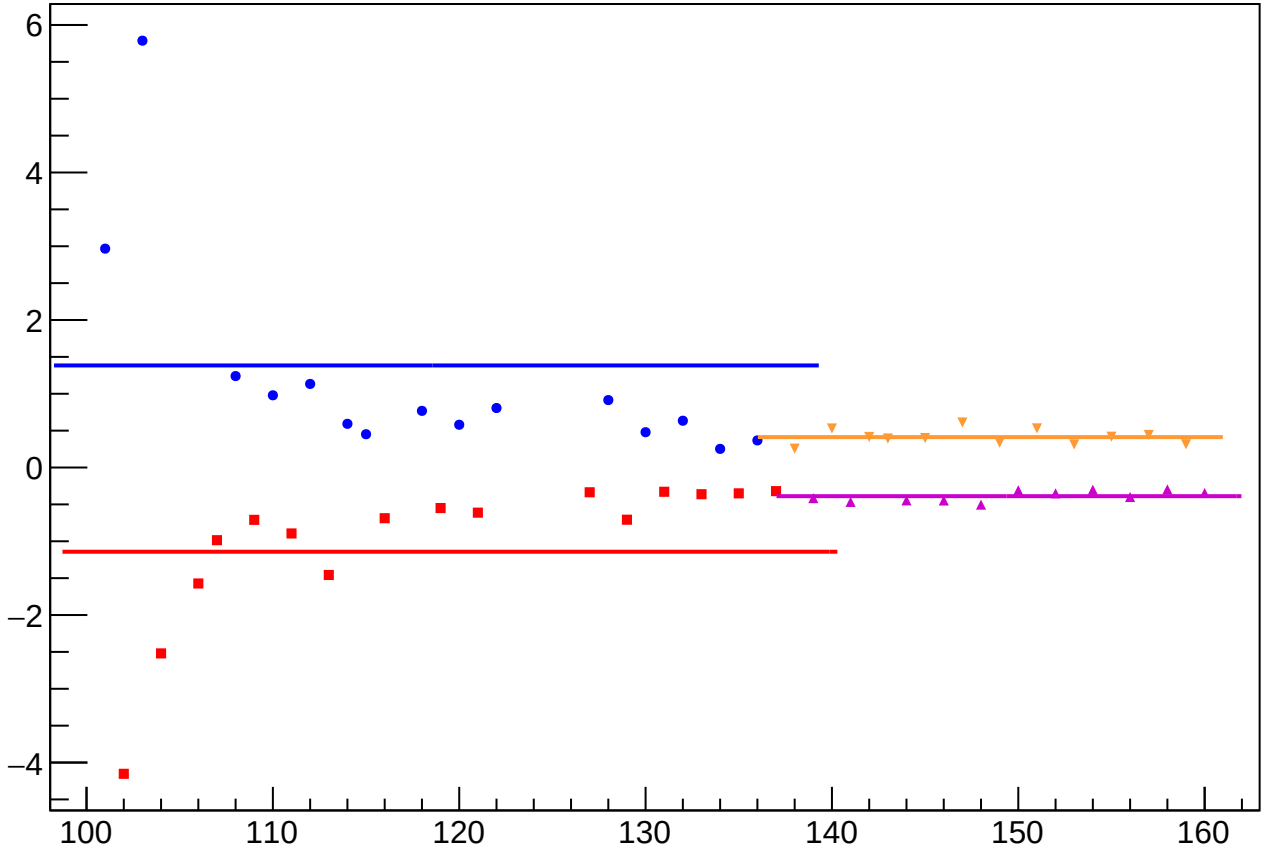
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -2.011+/-0.000 χ^2/NDF: 31072160739853167
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11
In: -15.663+/-0.000 χ^2/NDF:35481778634917281
Right Out: -18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15
Out: 14.458+/-0.000 χ^2/NDF:35182359761379109
Left In: -42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10
All: -0.564+/-0.000 χ^2/NDF: 7781760585963

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 30849529651621156

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

In: 0.343+/-0.000 χ^2/NDF:277353006534072708 9

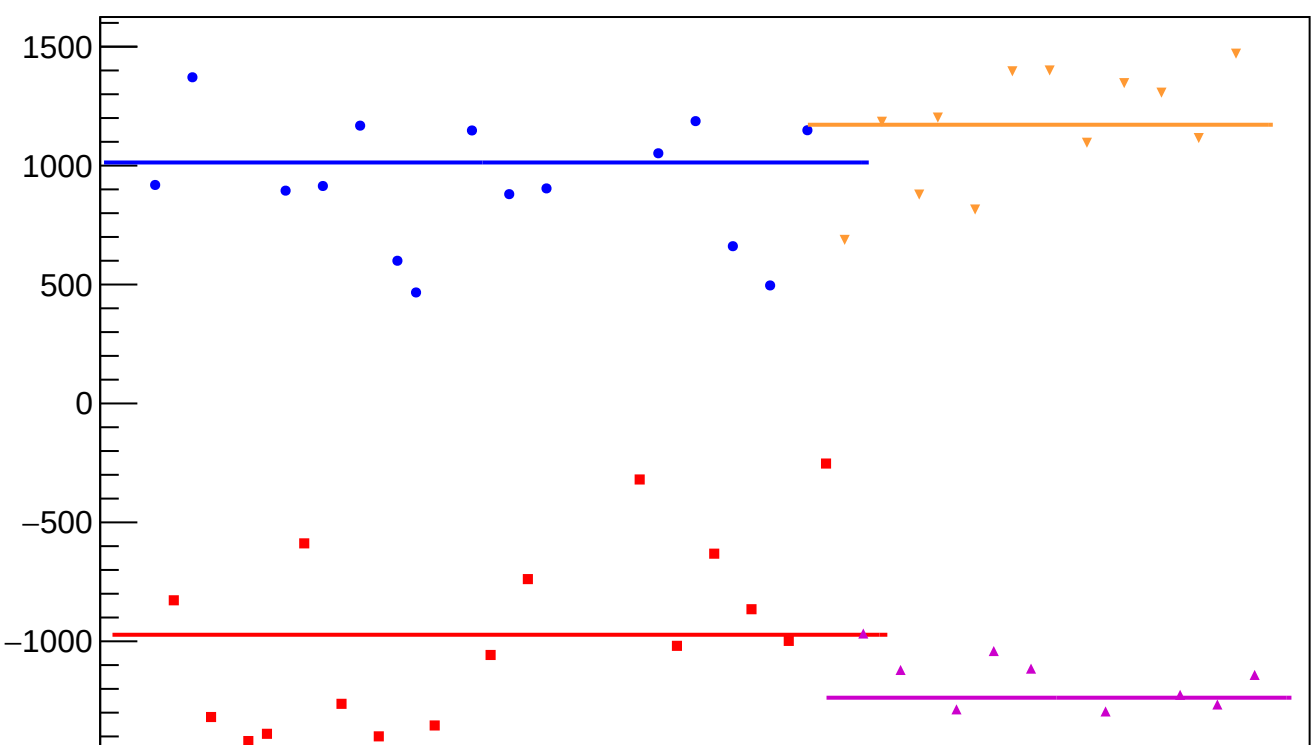
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:17511630764332006

Left In: -0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

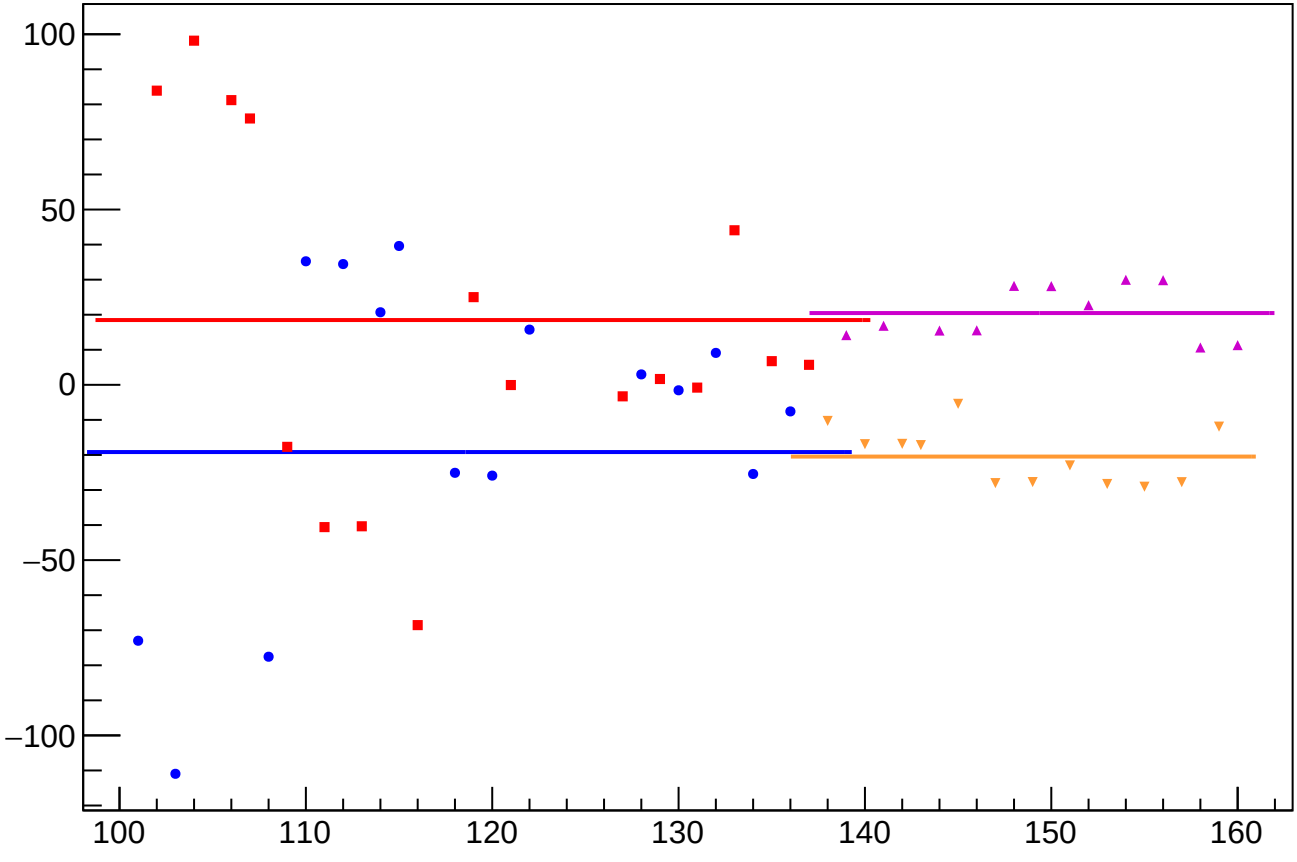
All: 0.049+/-0.000 χ^2/NDF: 4795604637543 1

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 0.115+/-0.000 χ^2/NDF: 877202582639736103

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

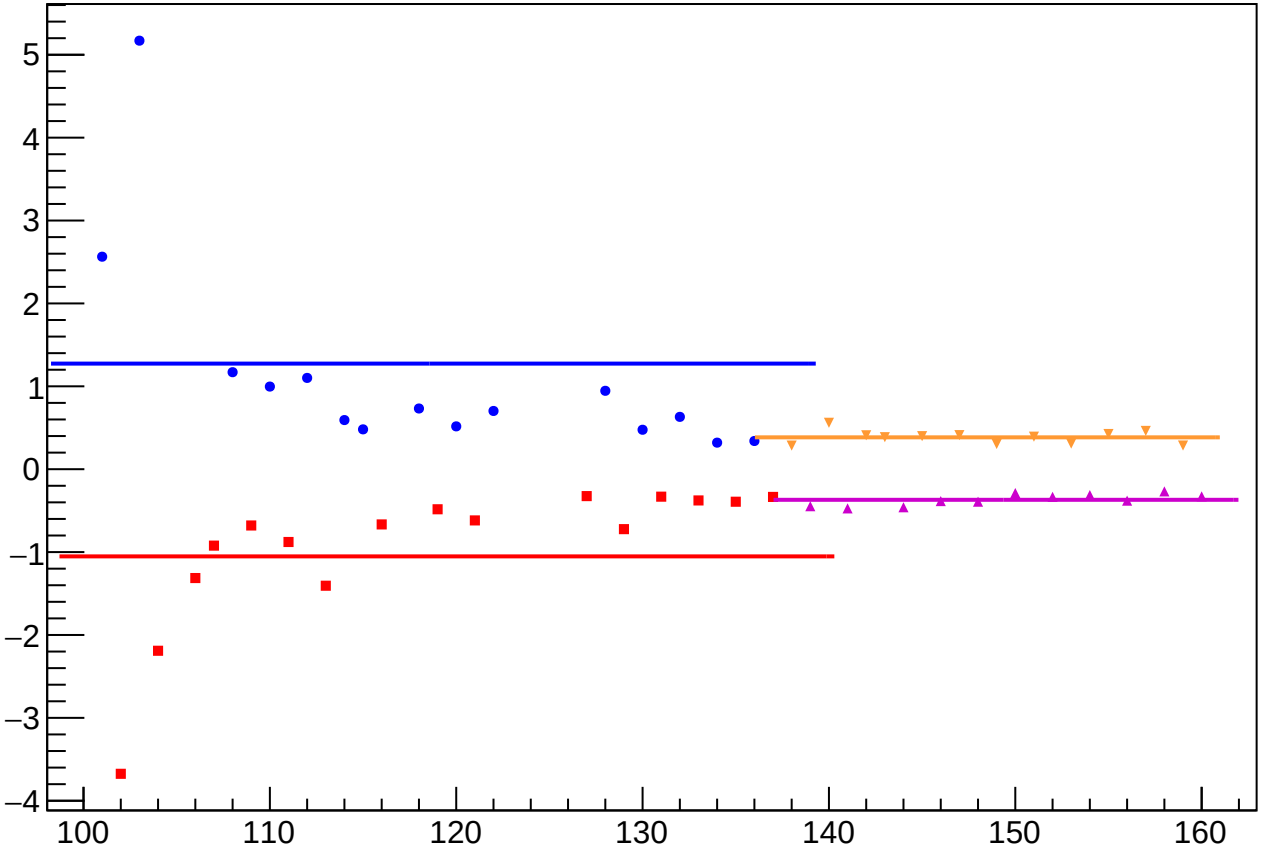
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.035+/-0.000 χ^2/NDF:21328659955407988

Left In: 20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079380498302

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.005+/-0.000 χ^2/NDF: 270980526388398617

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468 2

Left Out: 0.384+/-0.000 χ^2/NDF:582232202907859826826012943974 4.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780 5

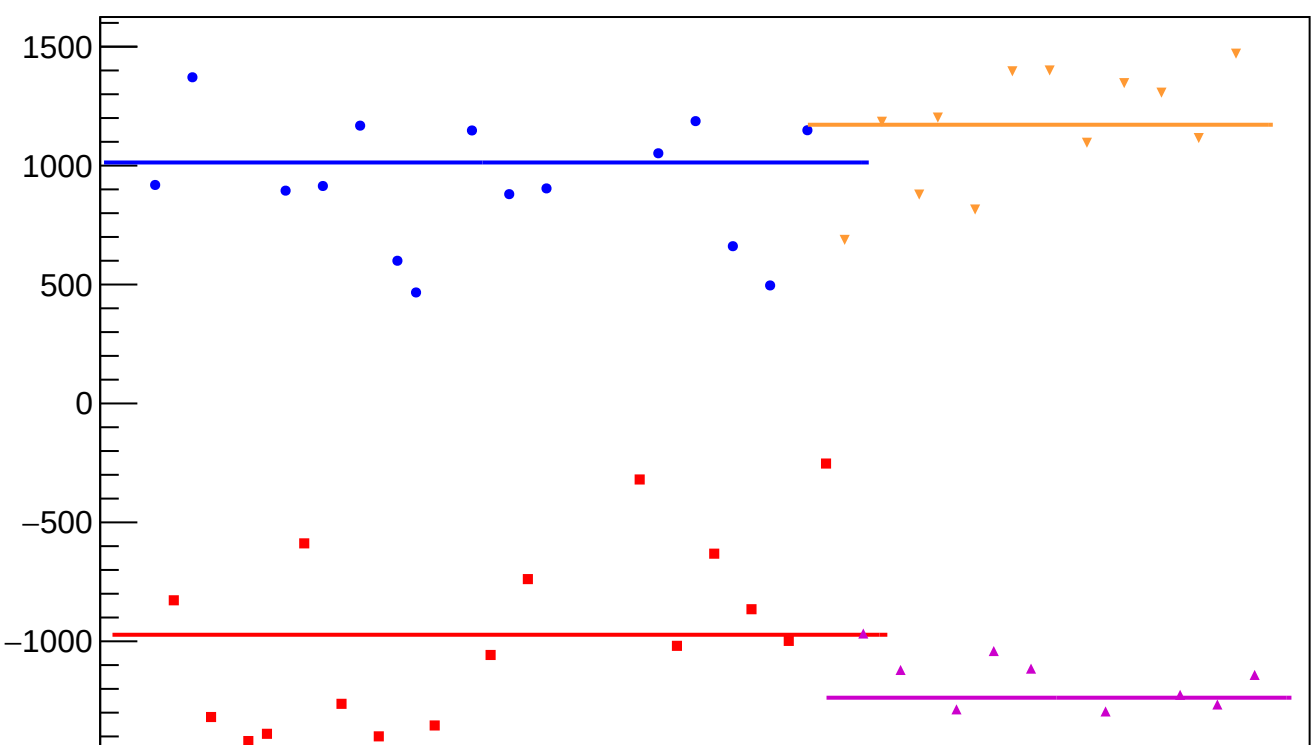
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.222+/-0.000 χ^2/NDF:1408503689243692 0

Left In: -0.369+/-0.000 χ^2/NDF:4166350638848138676707816112128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875882838199 7

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

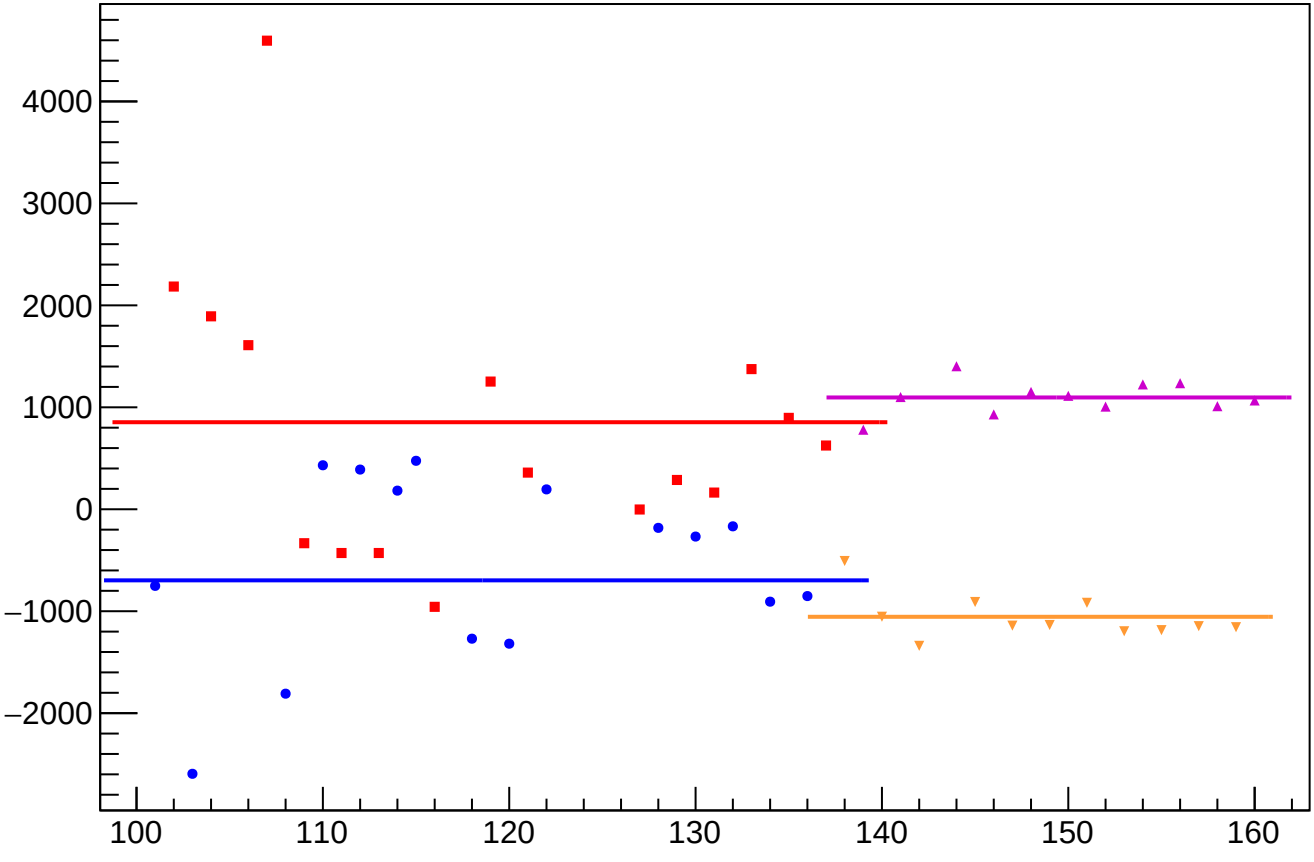
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

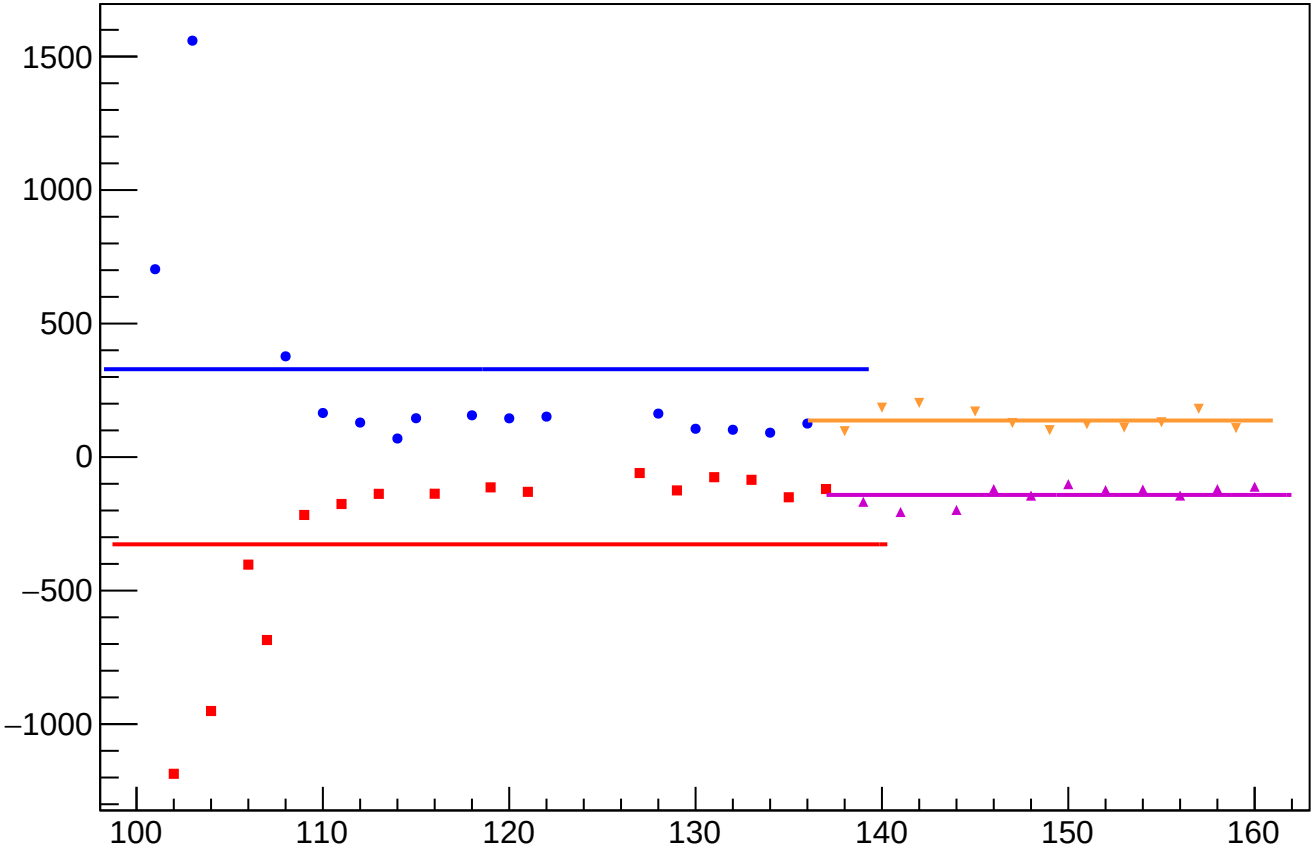
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_usl_coil6_mean vs Slug, Sign Corrected



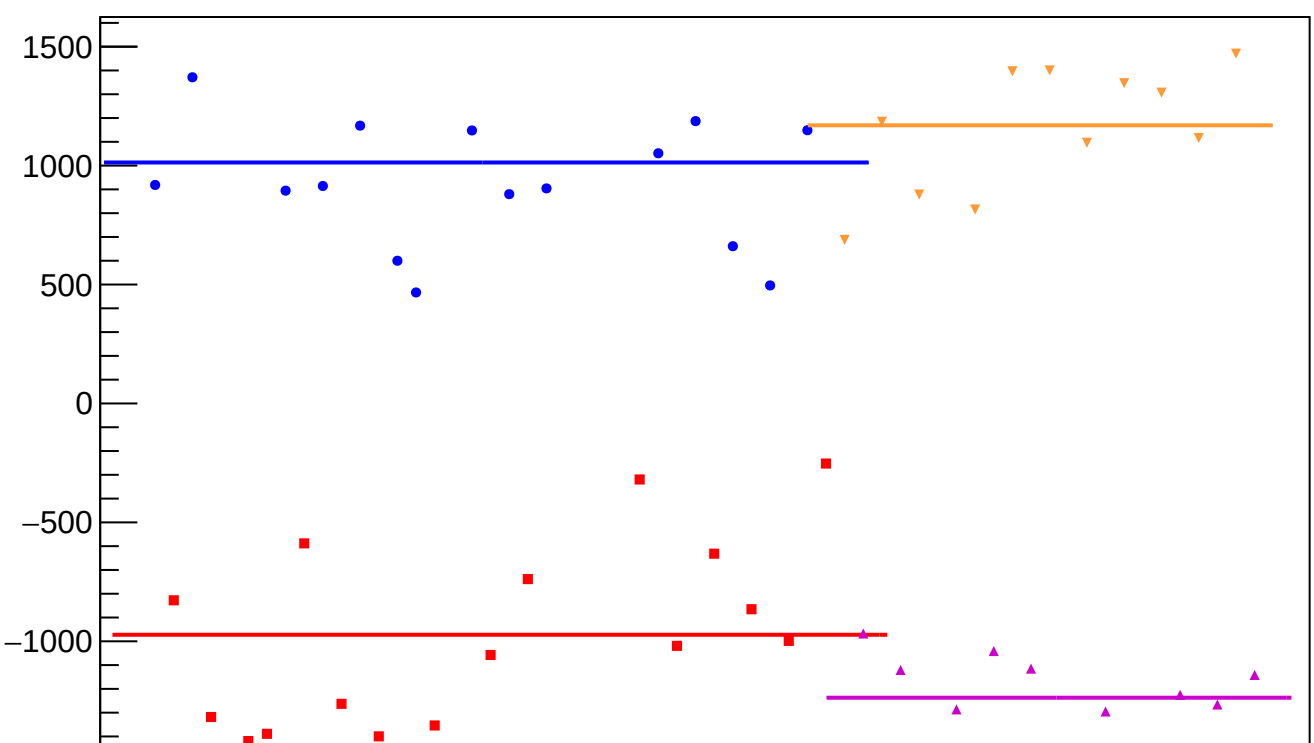
Left: 67.682+/-0.000 χ^2/NDF: 2104282925537346
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1054.675+/-0.000 χ^2/NDF:3589341456175128983102800453580514918 4.0/10
In: 356.413+/-0.000 χ^2/NDF:1740513713272145
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: -213.916+/-0.000 χ^2/NDF:247329313672222
Left In: 1096.508+/-0.000 χ^2/NDF:2339709246408509237500801467455792742 4.0/10
All: 76.698+/-0.000 χ^2/NDF: 446474651350

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -8.396+/-0.000 χ^2/NDF: 36384355238386043
Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14
Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126
Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10
In: 52.557+/-0.000 χ^2/NDF:20240803637991835
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15
Out: -67.276+/-0.000 χ^2/NDF:1688197715864031
Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10
All: -6.215+/-0.000 χ^2/NDF: 3823059515642

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1169.420+/-0.000 χ^2/NDF:523590585284842121529758179305539502 08.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -86.182+/-0.000 χ^2/NDF: 2642058453366472

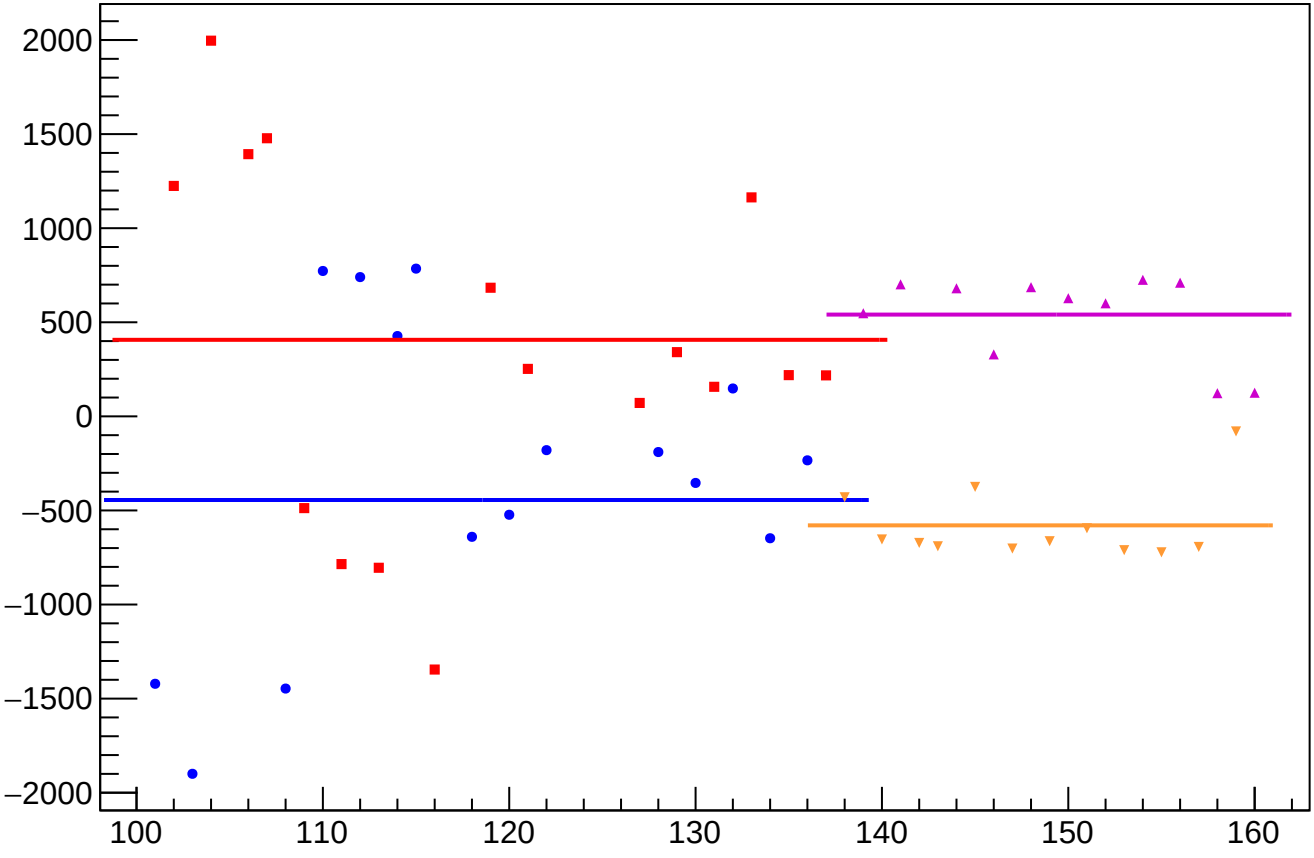
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 225.803+/-0.000 χ^2/NDF:184313289738696 9

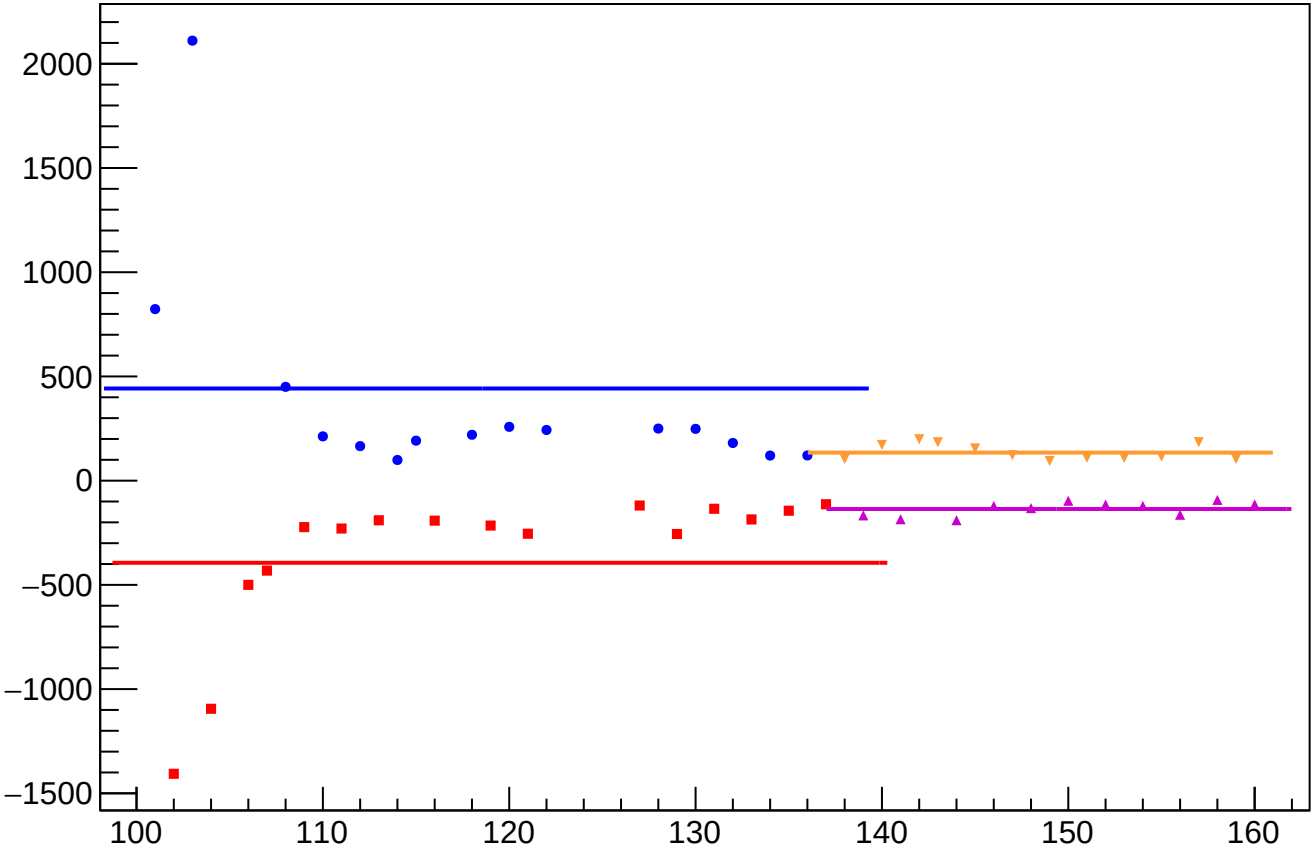
All: -46.560+/-0.000 χ^2/NDF: 405607578172

dit_usr_coil6_mean vs Slug, Sign Corrected



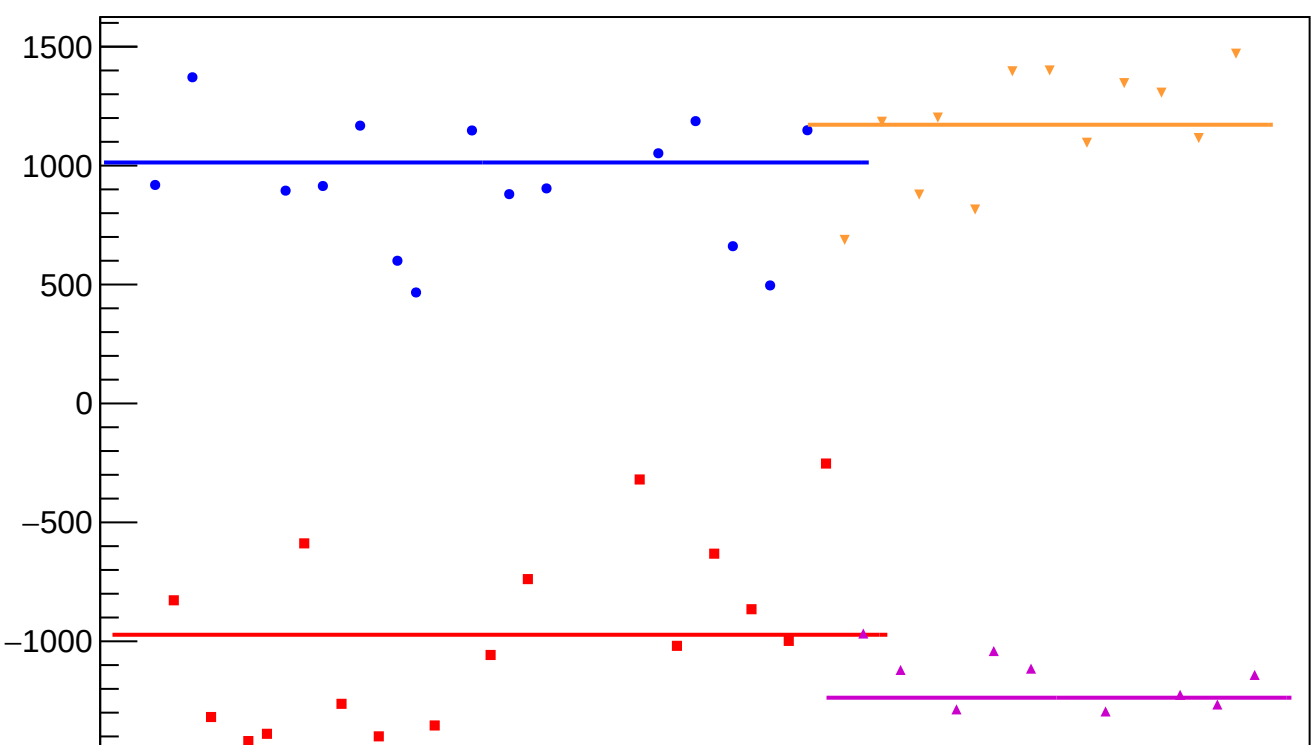
Left: -16.168+/-0.000 χ^2/NDF: 6517518654293770
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -579.272+/-0.000 χ^2/NDF:325845815245288609415955974070426664 96.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -163.293+/-0.000 χ^2/NDF:936589740364006
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.875+/-0.000 χ^2/NDF: 181571626575

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -1.475+/-0.000 χ^2/NDF: 3578033492733562
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.444+/-0.000 χ^2/NDF:2147483337083206
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.795+/-0.000 χ^2/NDF: 5759815630921

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

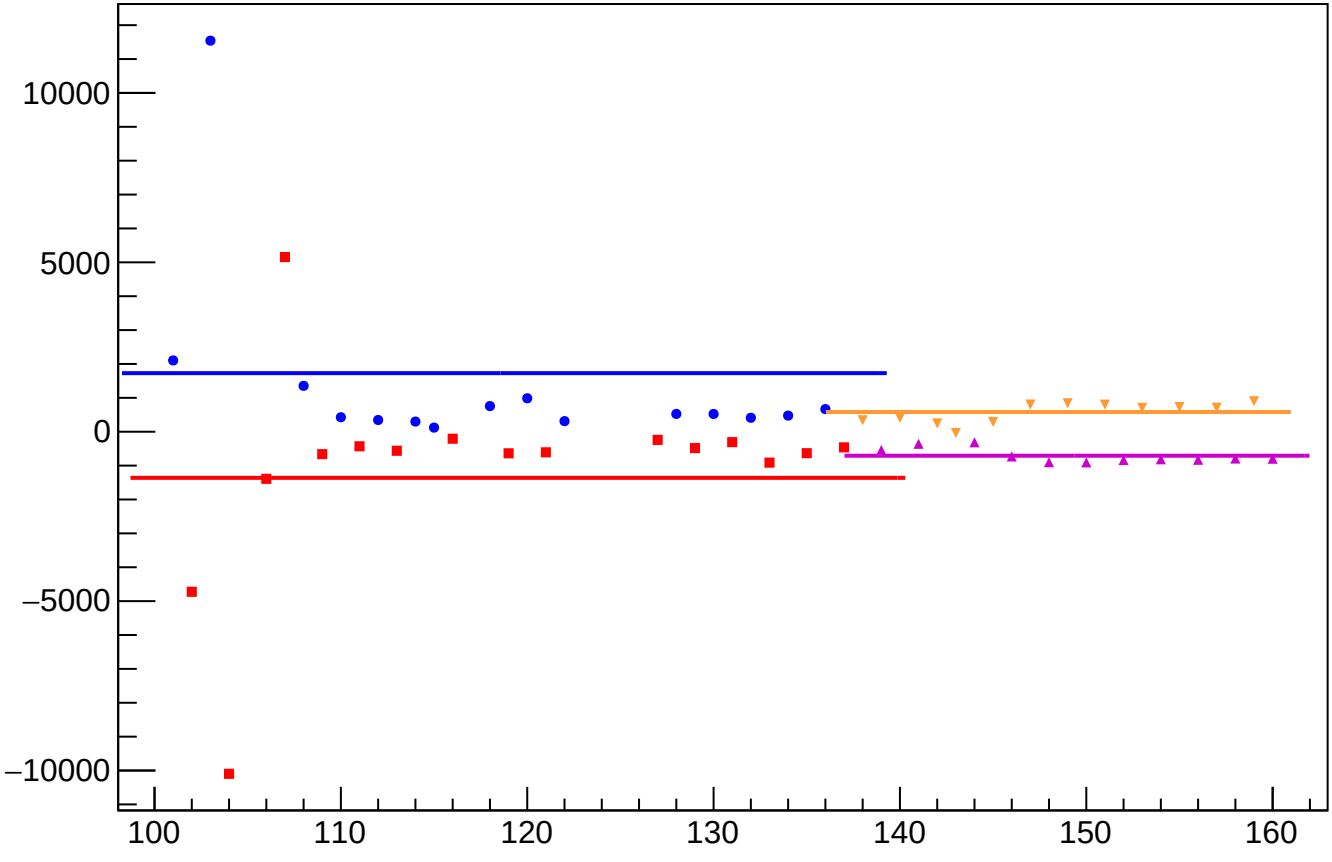
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

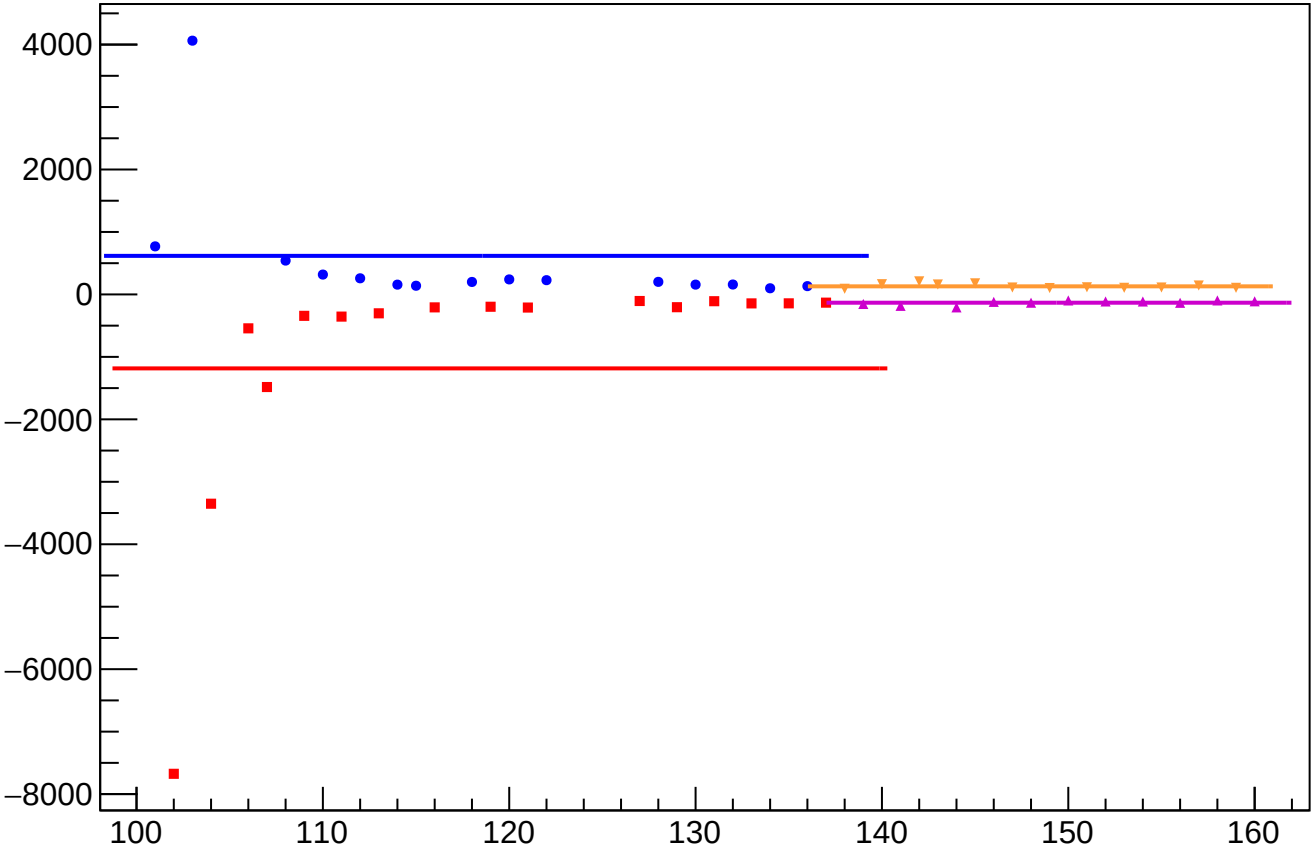
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -66.378+/-0.000 χ^2/NDF: 8728806118871986
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 582.152+/-0.000 χ^2/NDF:7008377264783148612573298976880171417 6.0/11
In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3
Right Out: -1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15
Out: -237.598+/-0.000 χ^2/NDF:795753517913564
Left In: -707.889+/-0.000 χ^2/NDF:3811648618881798069903242600243213 1072.0/10
All: 29.296+/-0.000 χ^2/NDF: 1689851779226

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.478+/-0.000 χ^2/NDF: 33670260224072050

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11

In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3

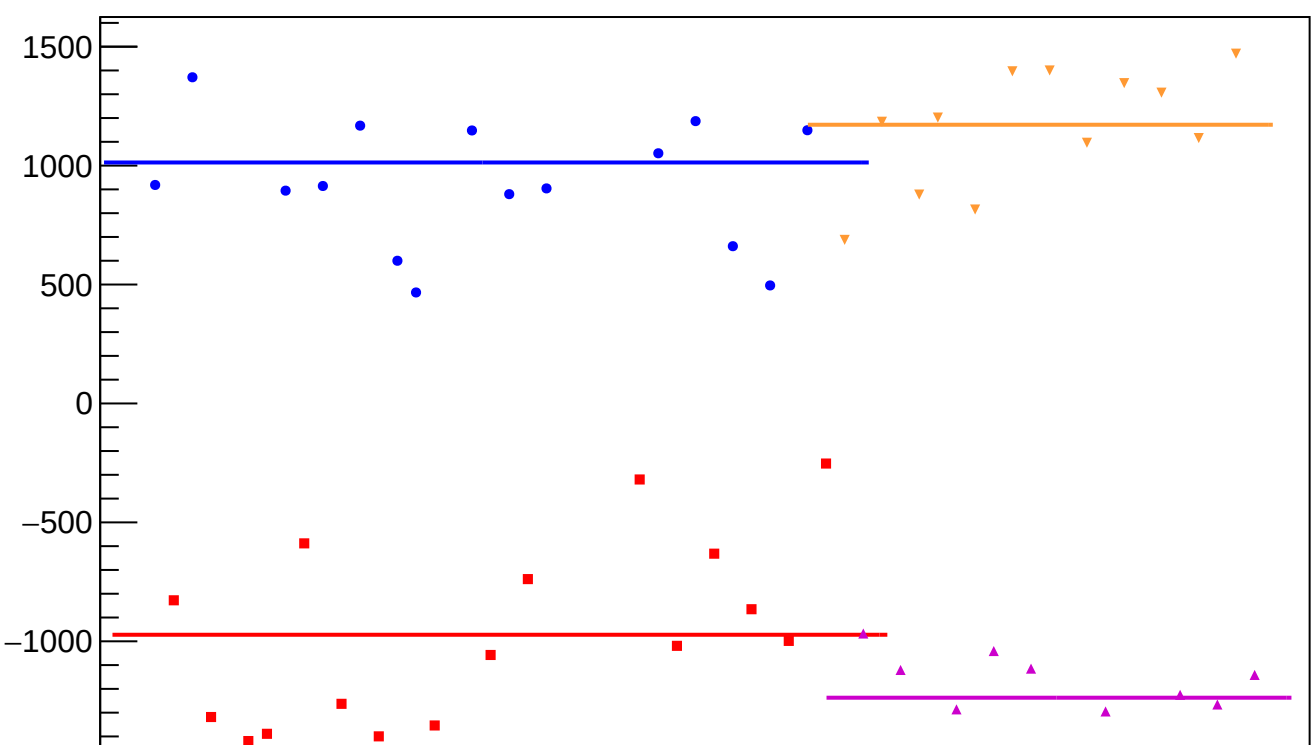
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

Out: -424.874+/-0.000 χ^2/NDF:383384679503055

Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10

All: -124.871+/-0.000 χ^2/NDF: 51271793033

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

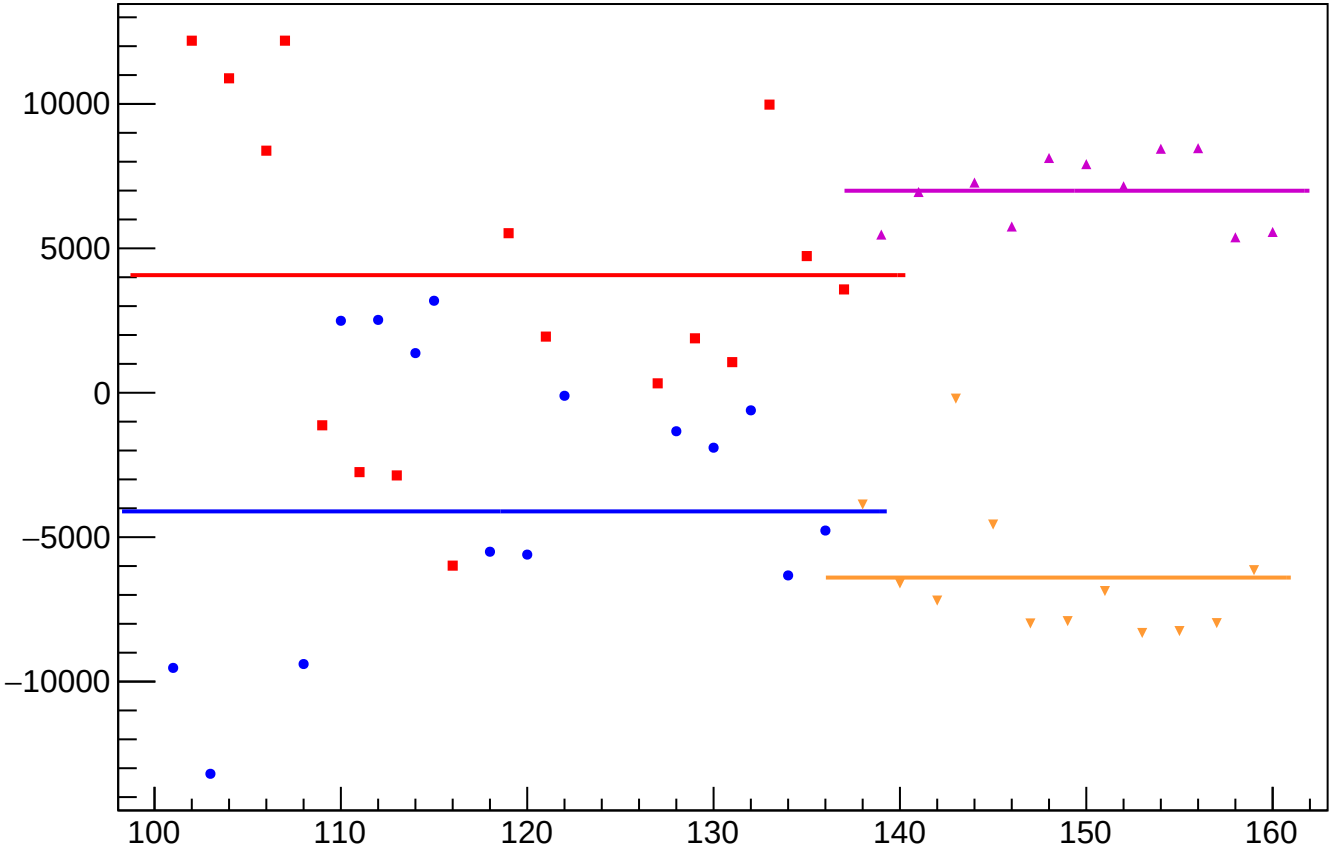
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl2_coil6_mean vs Slug, Sign Corrected



Left: 334.389+/-0.000 χ^2/NDF: 882200792503166

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

In: 2414.162+/-0.000 χ^2/NDF:6274970680925114

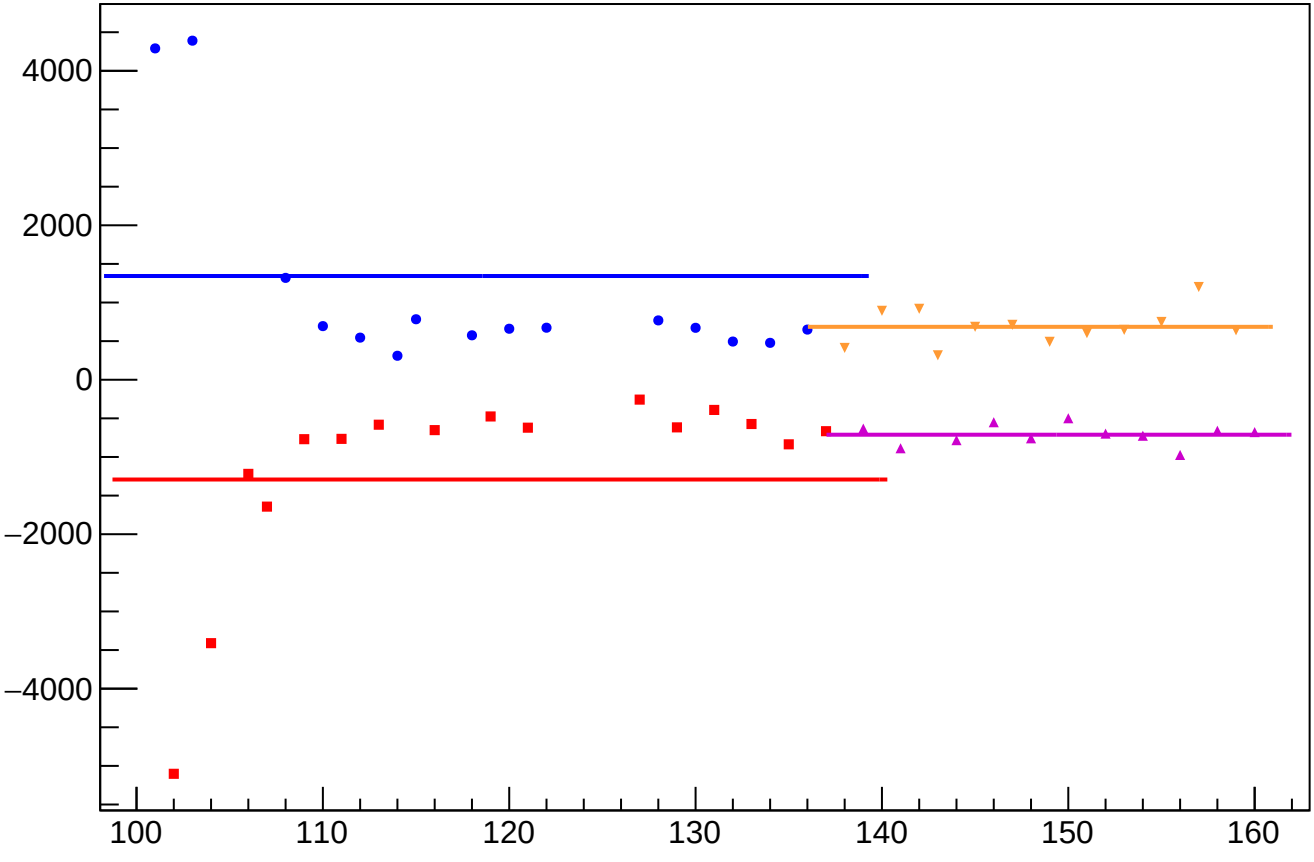
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: -1981.339+/-0.000 χ^2/NDF:67205872968541

Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

All: 210.837+/-0.000 χ^2/NDF: 14518963657 5

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -17.010+/-0.000 χ^2/NDF: 9589871877272368

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230

Left Out: 685.307+/-0.000 χ^2/NDF:463332490809858132337422121534582947 84.0/11

In: 136.160+/-0.000 χ^2/NDF:2943372362818716 0

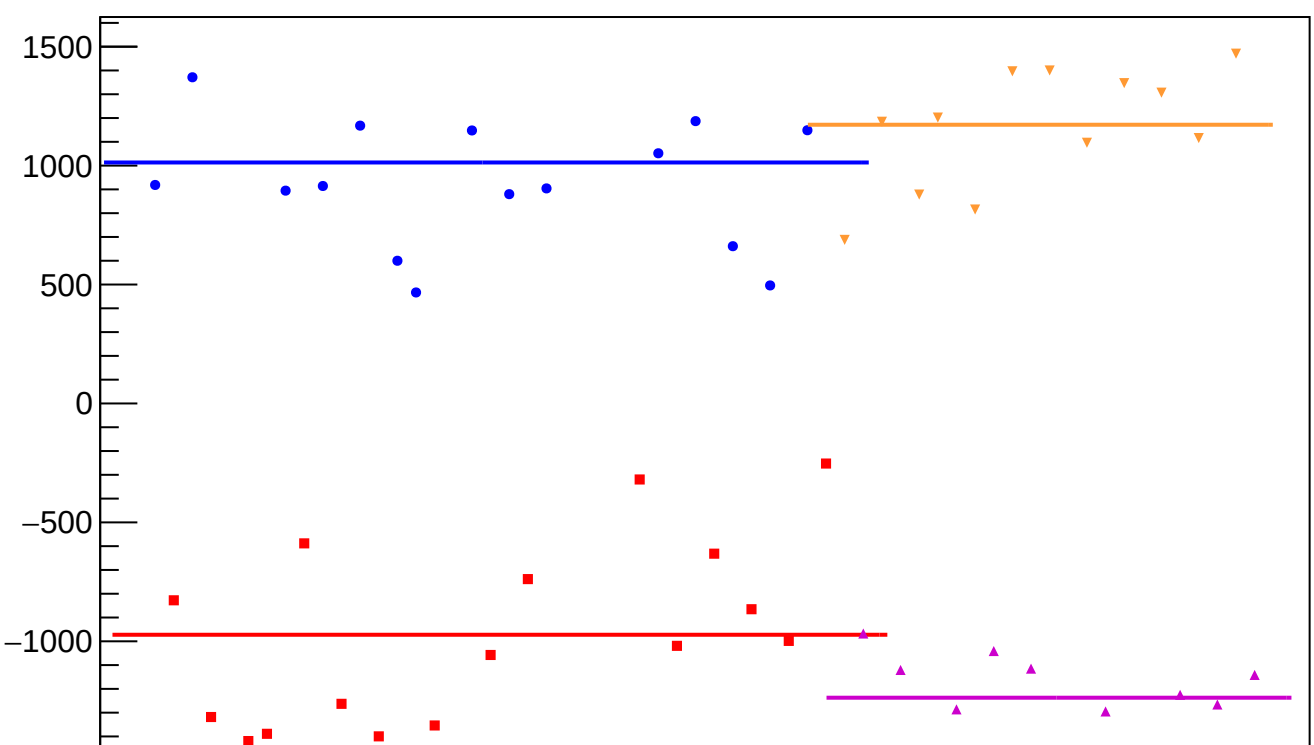
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Out: -148.803+/-0.000 χ^2/NDF:287719999706056

Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

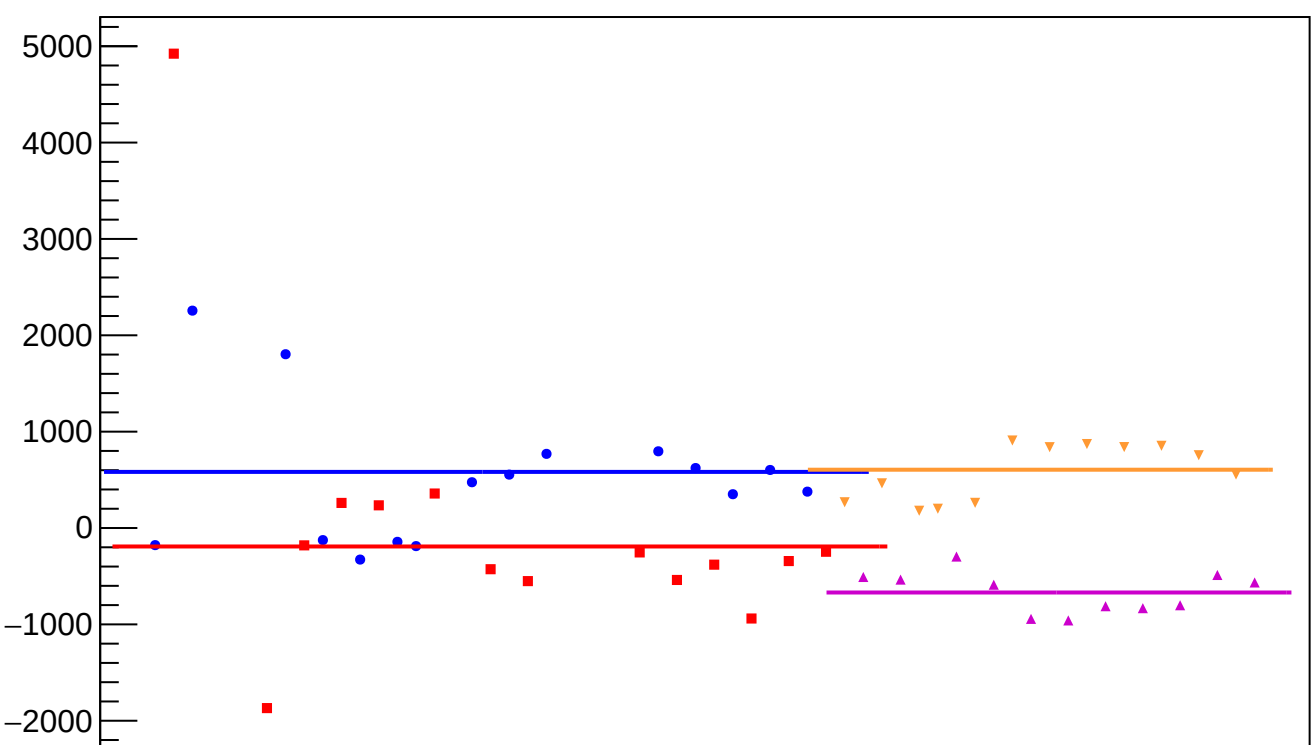
All: -6.683+/-0.000 χ^2/NDF: 5884601406998

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



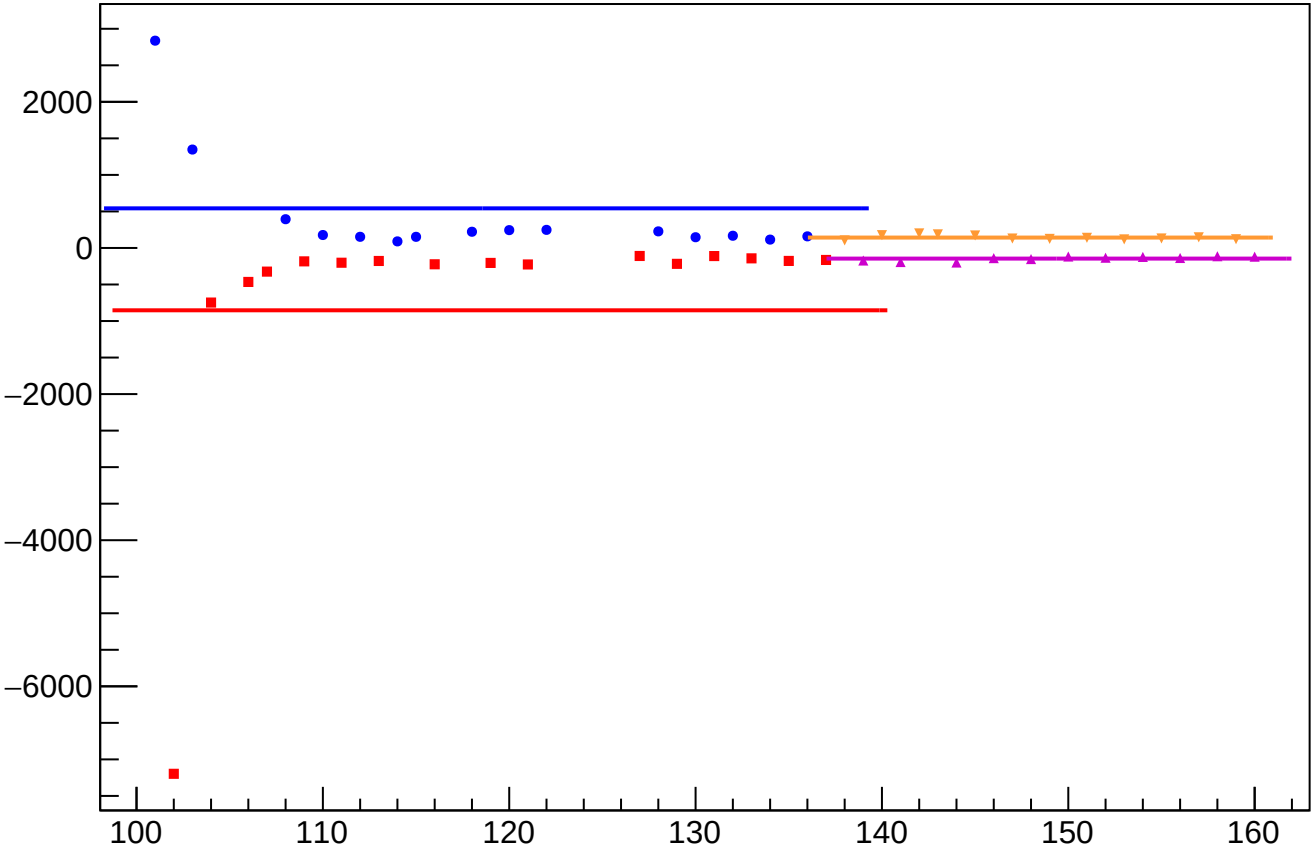
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -35.507+/-0.000 χ^2/NDF: 8534436967394536
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 605.074+/-0.000 χ^2/NDF:6791251524544619672993713088270591 5904.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.975+/-0.000 χ^2/NDF:2481404905102664
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.630+/-0.000 χ^2/NDF: 3597086809072

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.367+/-0.000 χ^2/NDF: 39549748395756711

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

Right: -164.982+/-0.000 χ^2/NDF: 36290648240362

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

In: 138.288+/-0.000 χ^2/NDF:5955245908966435

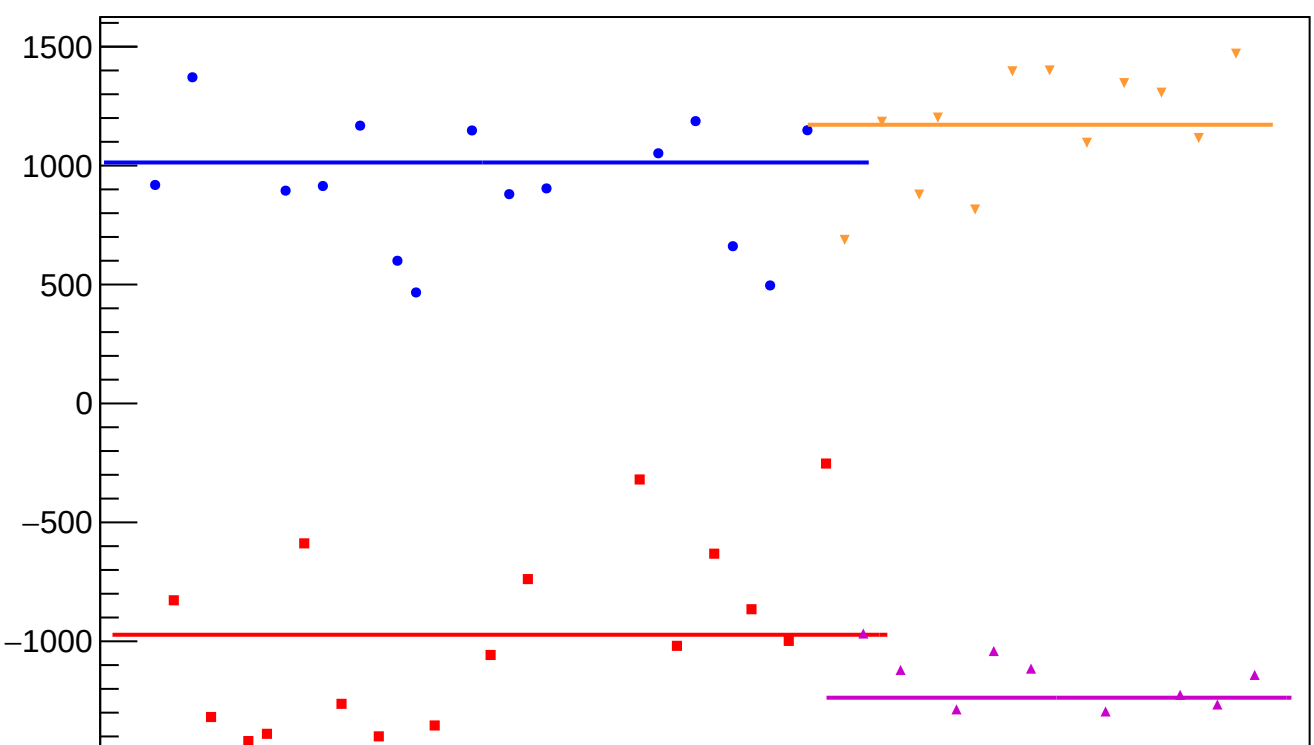
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15

Out: -277.669+/-0.000 χ^2/NDF:295694420364328

Left In: -145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

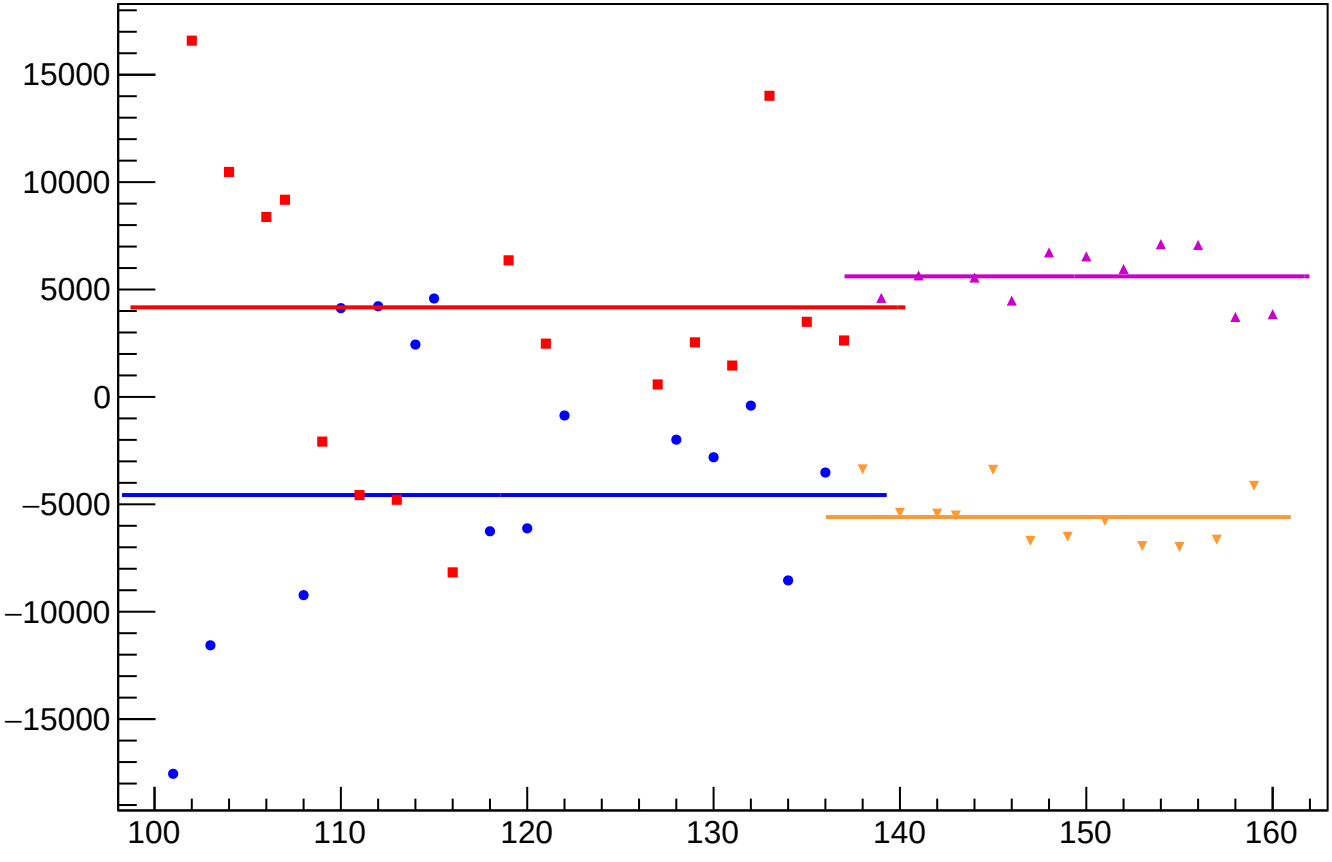
All: -70.218+/-0.000 χ^2/NDF: 36888941096 3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



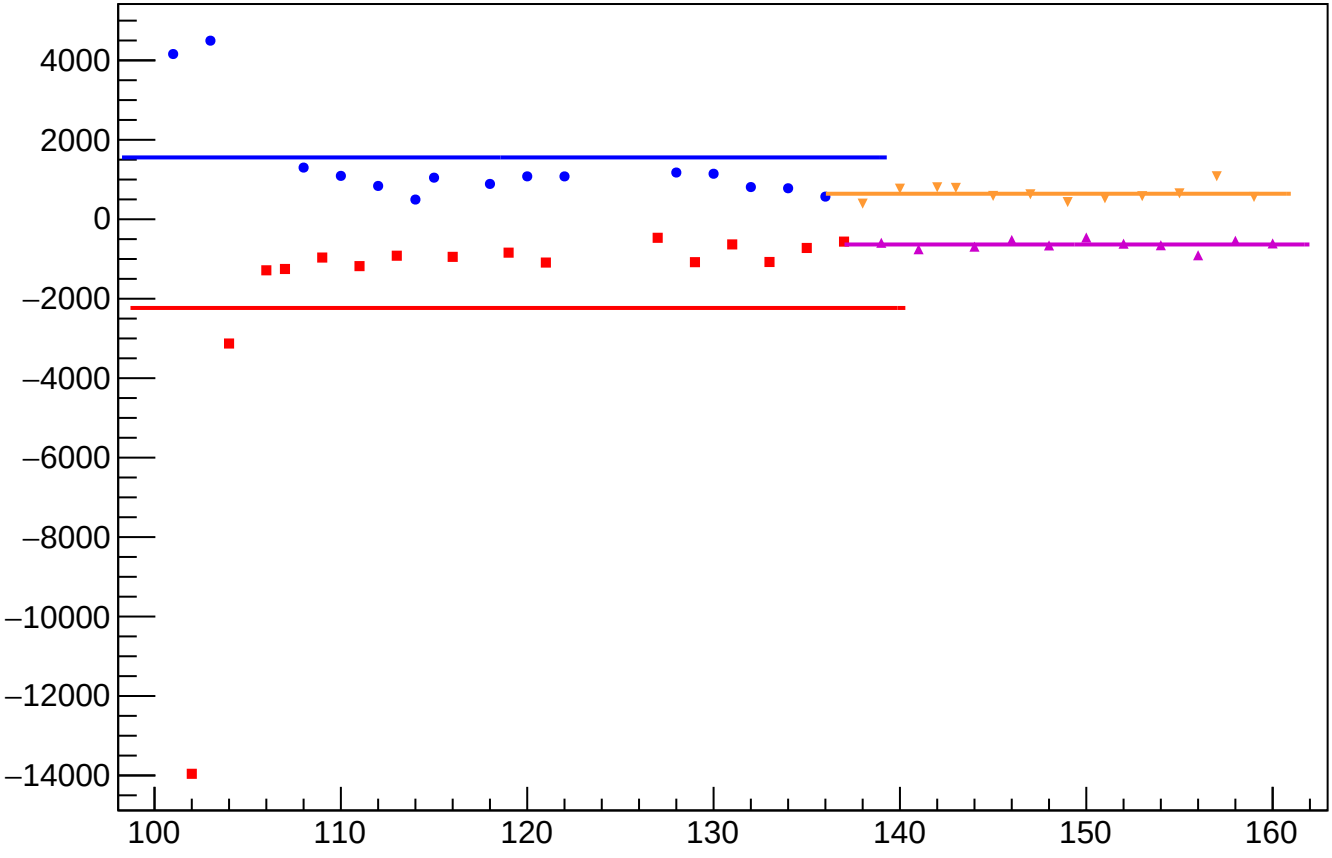
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr2_coil6_mean vs Slug, Sign Corrected



Left: 40.816+/-0.000 χ^2/NDF: 6046809289017192
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5592.357+/-0.000 χ^2/NDF:150250799859091565006793475308868180377 6.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205 4
Right Out: 4170.773+/-0.000 χ^2/NDF: 309672488321879120411139095594811030241 28.0/15
Out: -1473.440+/-0.000 χ^2/NDF:69224914404037
Left In: 5613.024+/-0.000 χ^2/NDF:127221065993626195724813317350317096960 0.0/10
All: -34.210+/-0.000 χ^2/NDF: 140776657149

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 0.564+/-0.000 χ^2/NDF: 791773878076069145

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11

In: 269.551+/-0.000 χ^2/NDF:298230730661913 41

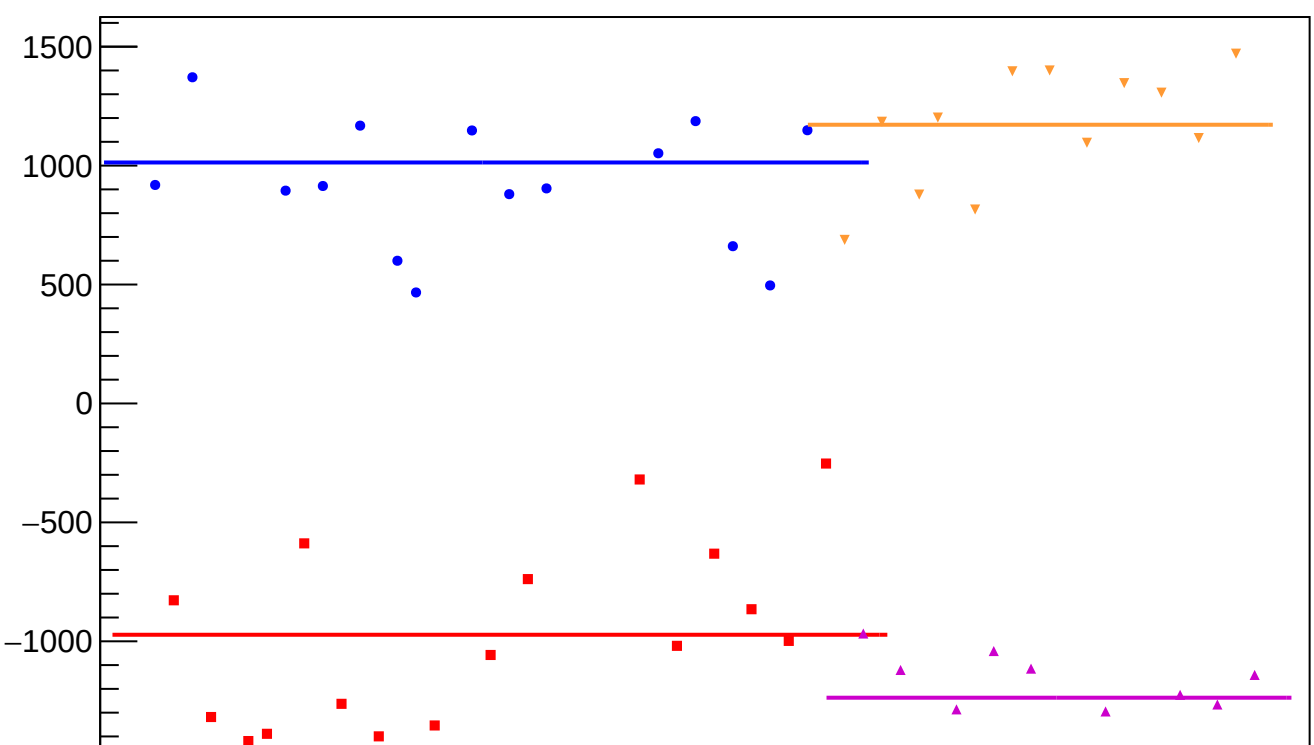
Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -570.347+/-0.000 χ^2/NDF:122079278406858

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

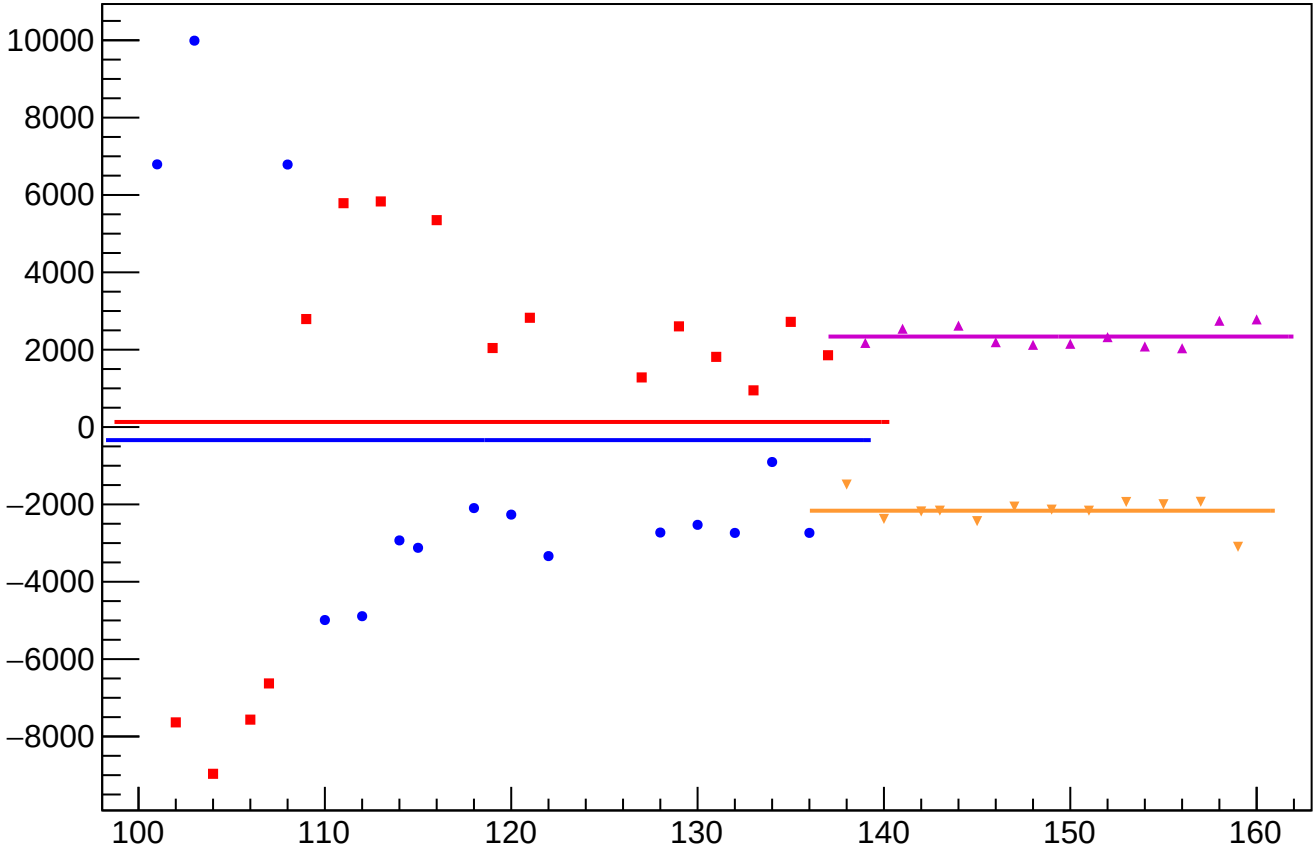
All: -151.463+/-0.000 χ^2/NDF: 15746462164

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 100.639+/-0.000 χ^2/NDF: 9504114139630339

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

Right: -99.949+/-0.000 χ^2/NDF: 316982138957514

Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11

In: 1234.934+/-0.000 χ^2/NDF:1794842889484232

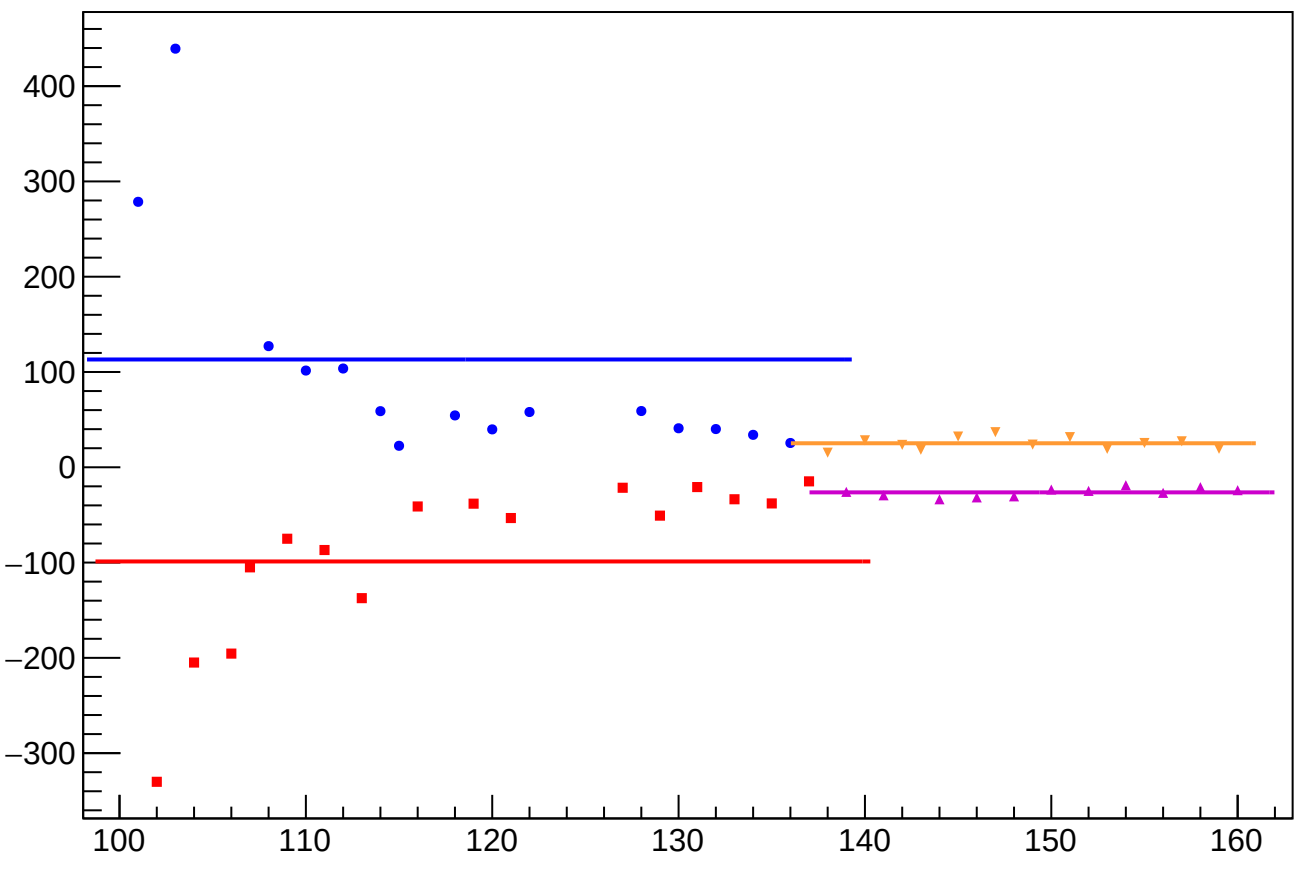
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

Out: -1194.883+/-0.000 χ^2/NDF:18629471707312

Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

All: 16.944+/-0.000 χ^2/NDF: 4123318495094

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -0.703+/-0.000 χ^2/NDF: 12737969644467641

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

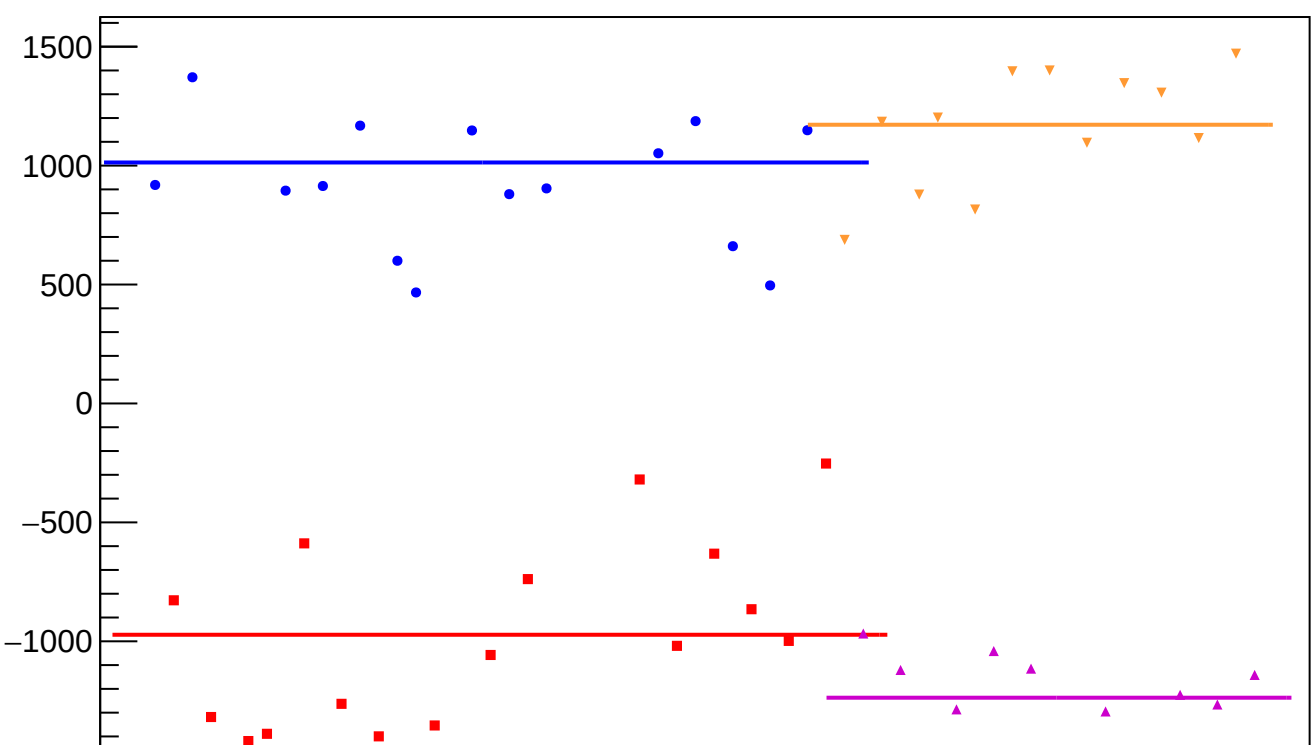
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.125+/-0.000 χ^2/NDF:1147829075591207

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.969+/-0.000 χ^2/NDF: 3158442544452 6

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

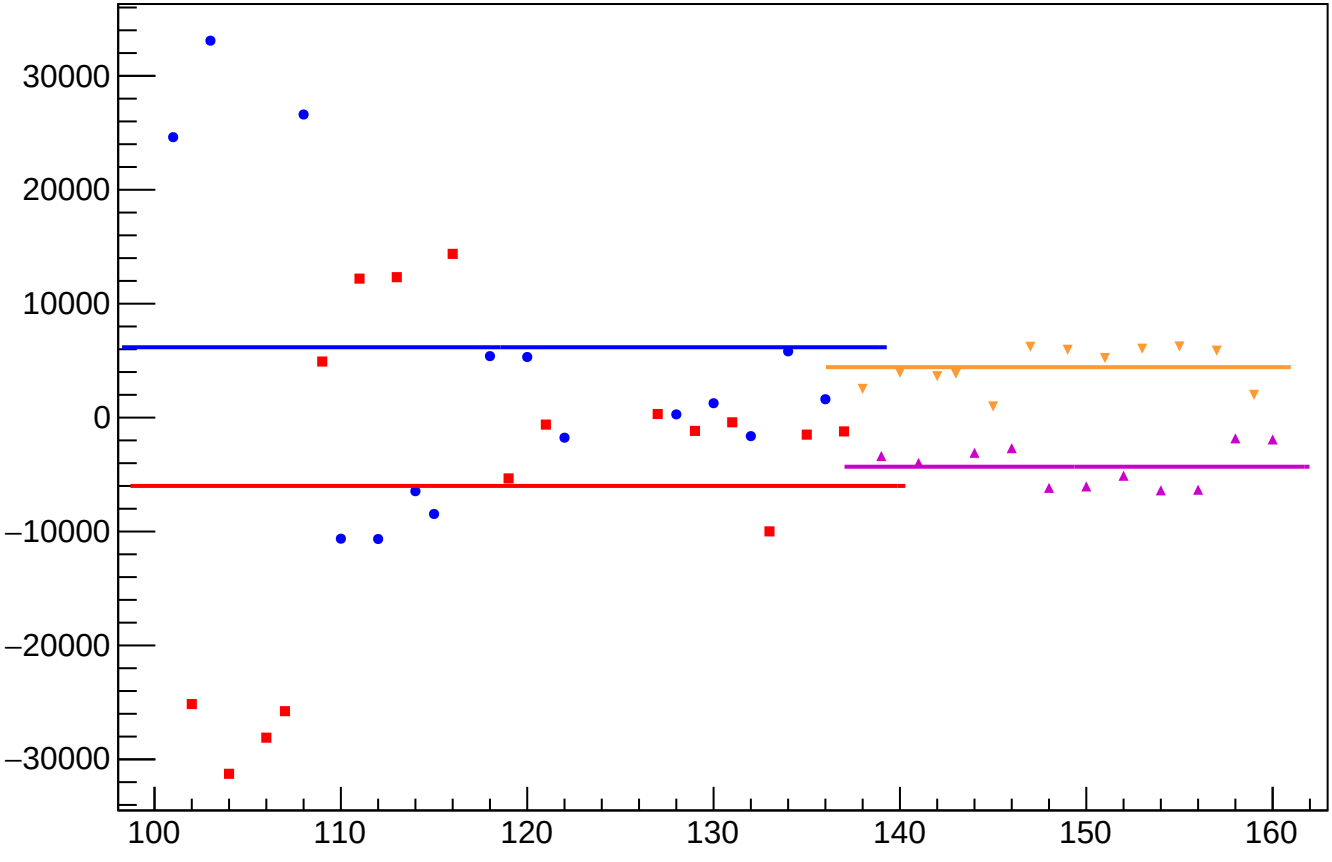
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

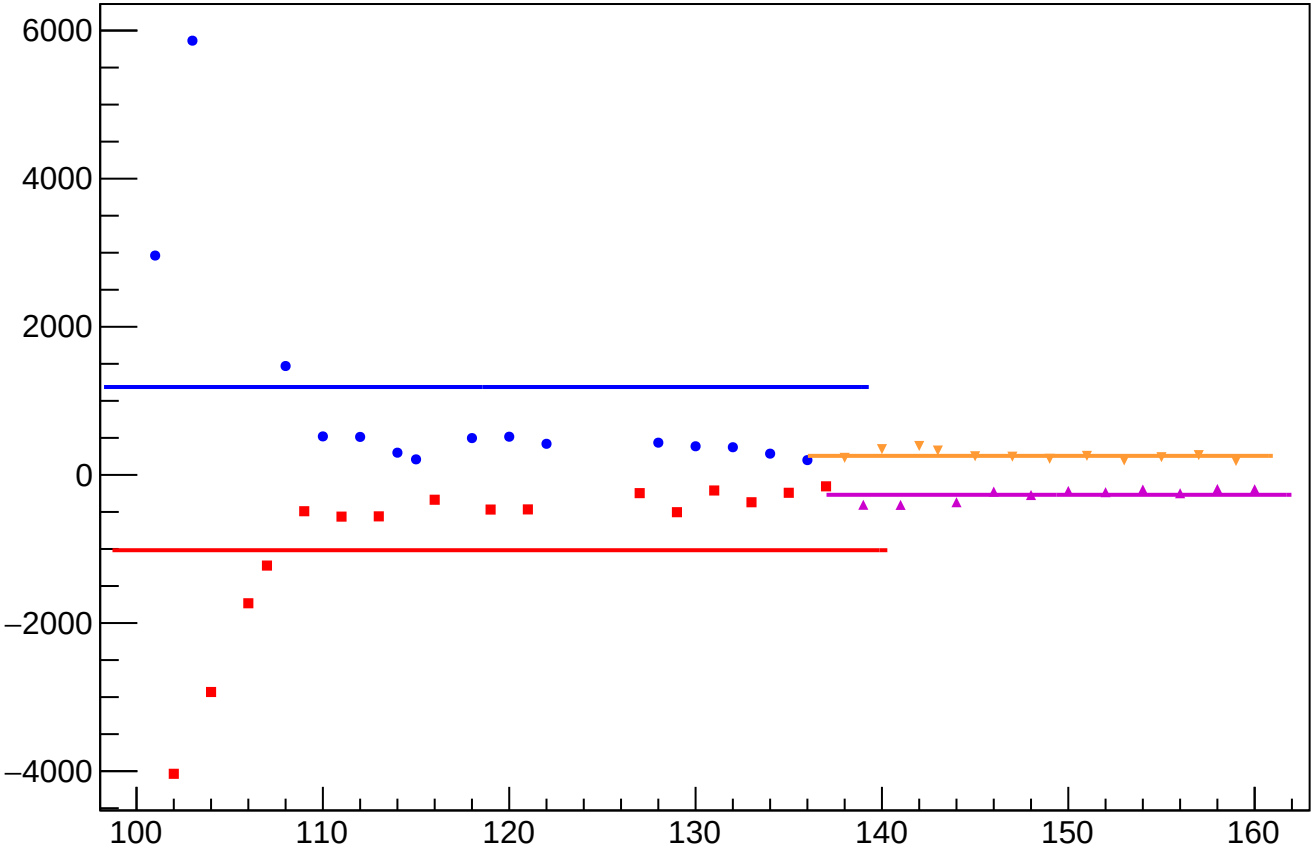
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam2_coil6_mean vs Slug, Sign Corrected



Left: 35.008+/-0.000 χ^2/NDF: 4067554181164901
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 30.024+/-0.000 χ^2/NDF:1818640147944198
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.962+/-0.000 χ^2/NDF: 3437312552543

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -7.049+/-0.000 χ^2/NDF: 1356437374052163 2

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683

Left Out: 257.255+/-0.000 χ^2/NDF:2781253601465669157863687249484316672.0/11

In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5

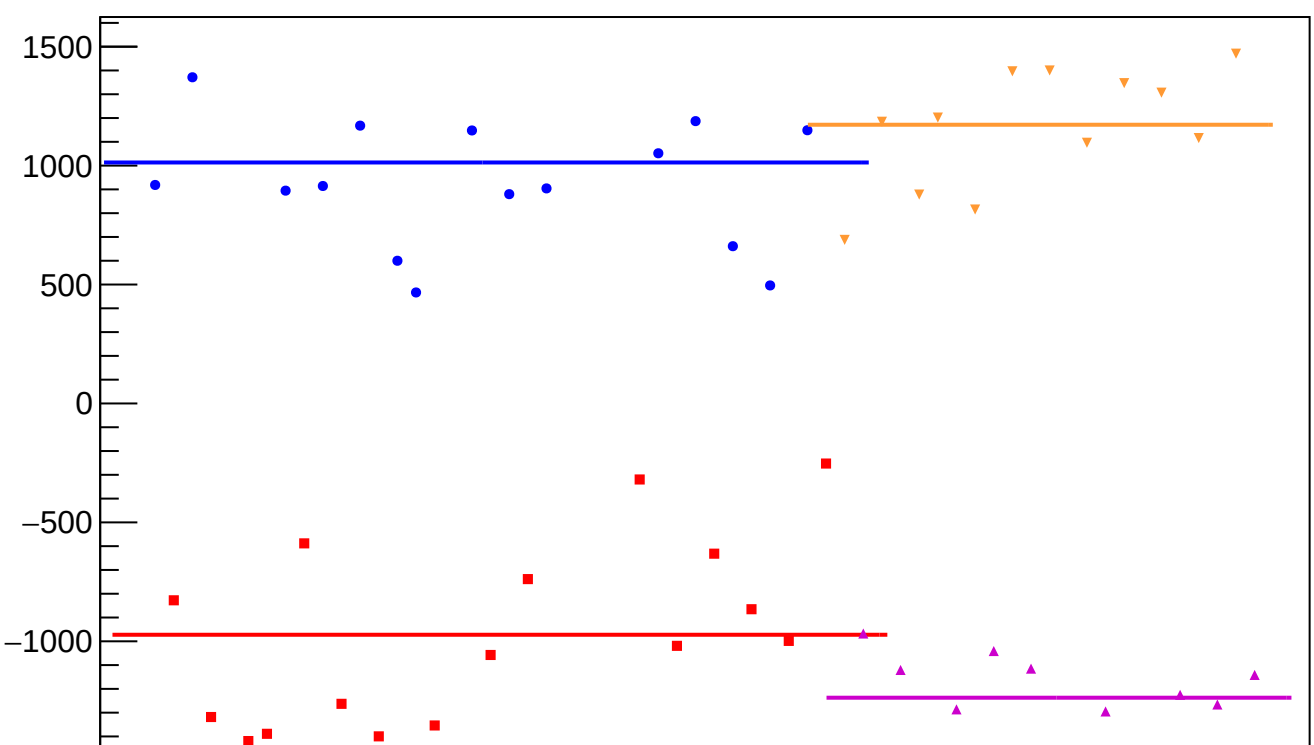
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

Out: -280.221+/-0.000 χ^2/NDF:155627640866420

Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10

All: 25.094+/-0.000 χ^2/NDF: 4461548431254

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

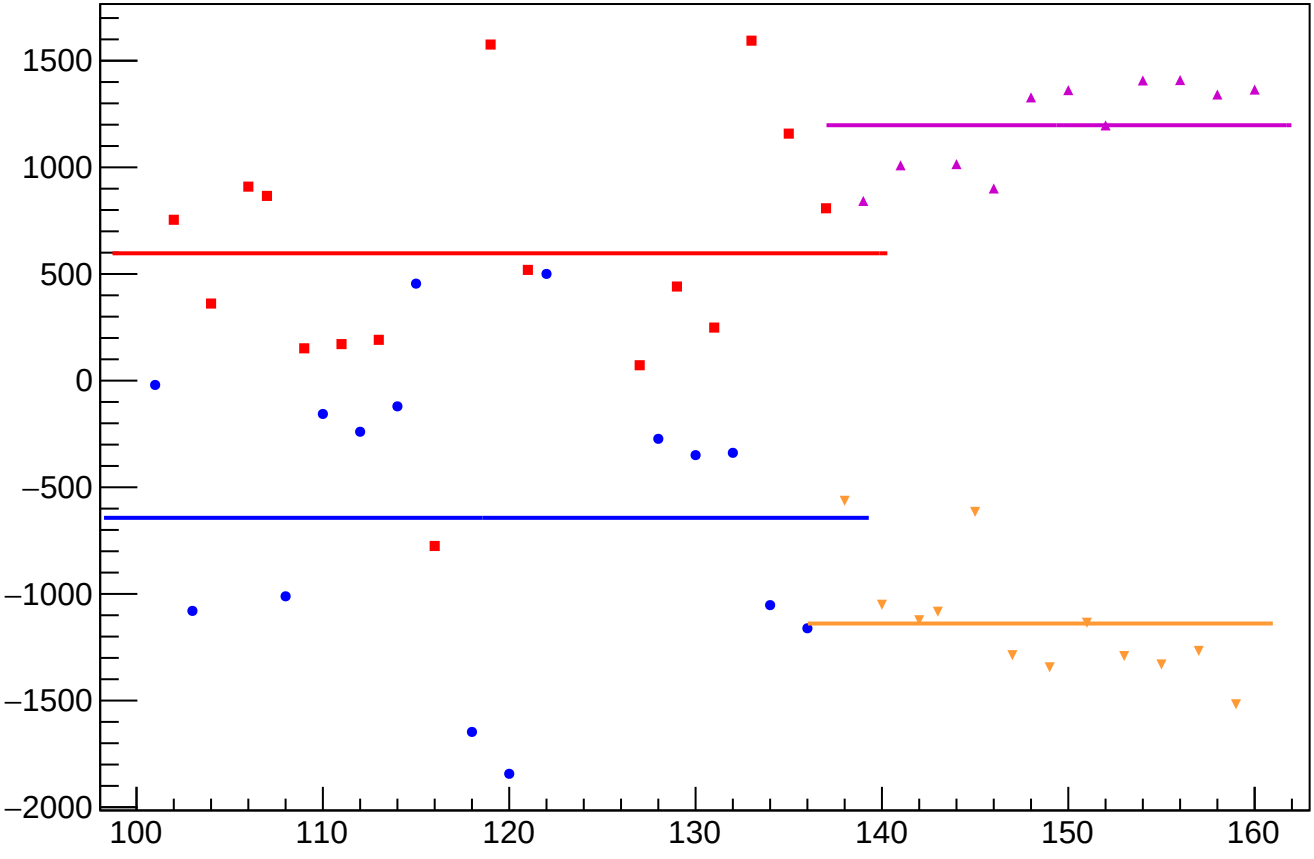
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

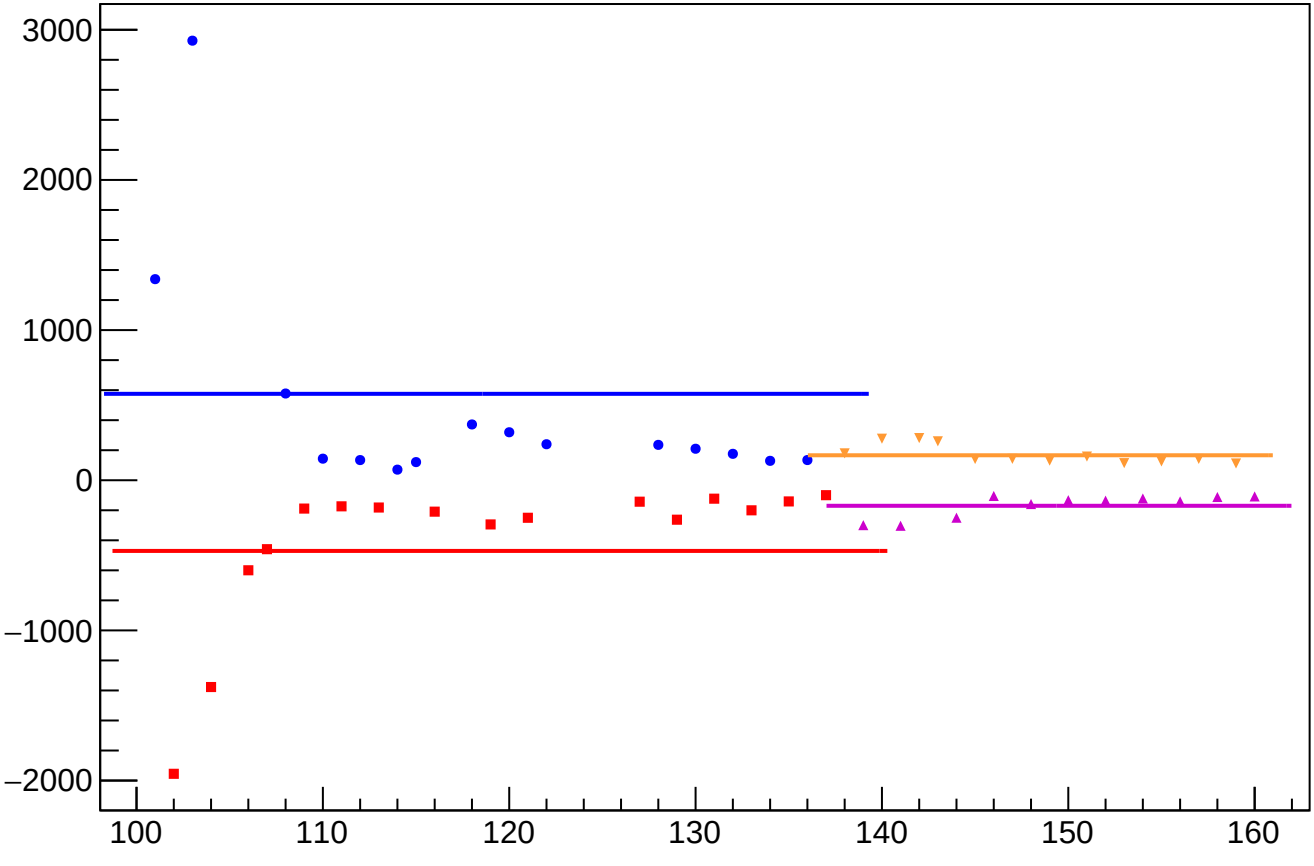
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam3_coil6_mean vs Slug, Sign Corrected



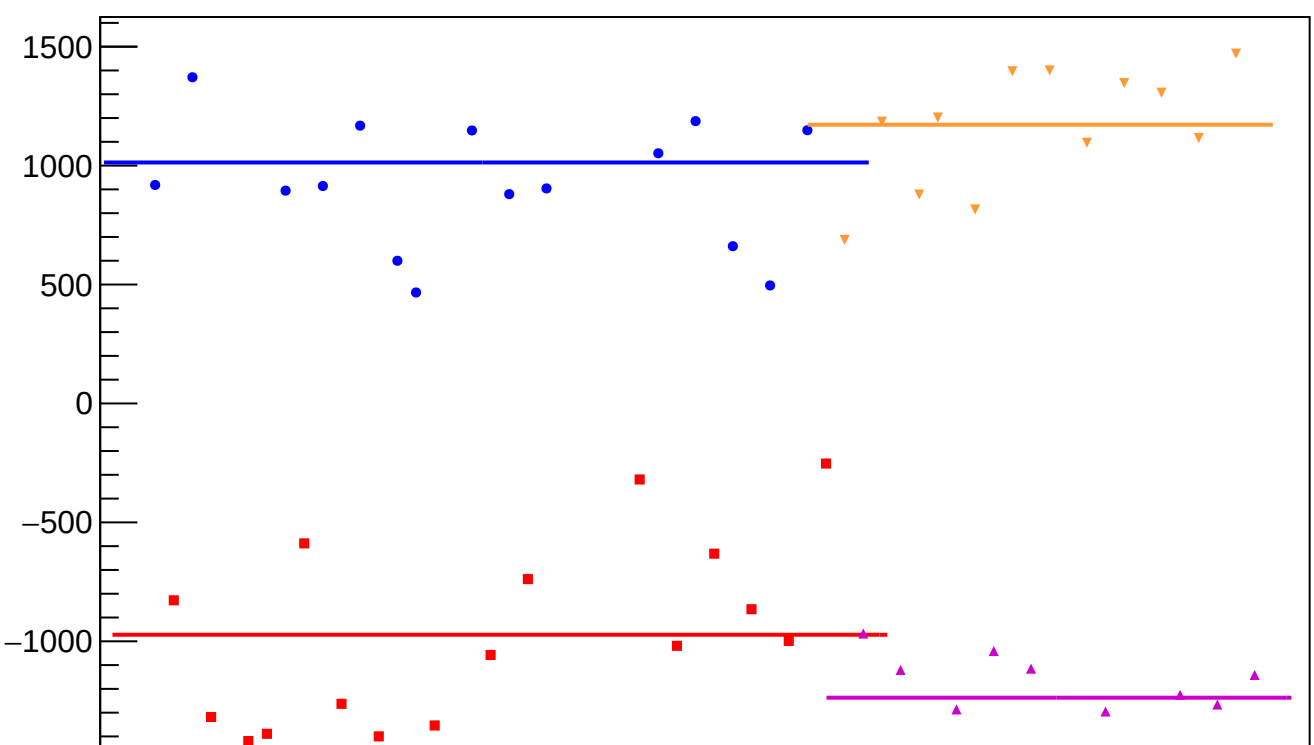
Left: 35.728+/-0.000 χ^2/NDF: 2617562196994142
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -1138.759+/-0.000 χ^2/NDF:7100618595342425427059079171817026355 2.0/11
In: 438.045+/-0.000 χ^2/NDF:160305698716382 82
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
Out: -406.450+/-0.000 χ^2/NDF:144356337261443
Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10
All: 14.726+/-0.000 χ^2/NDF: 360895317018 8

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -2.777+/-0.000 χ^2/NDF: 59914587397512786
Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14
Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510
Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11
In: 137.546+/-0.000 χ^2/NDF:6494694160664590
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15
Out: -102.413+/-0.000 χ^2/NDF:368866079354582
Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10
All: 17.262+/-0.000 χ^2/NDF: 1063737364413

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

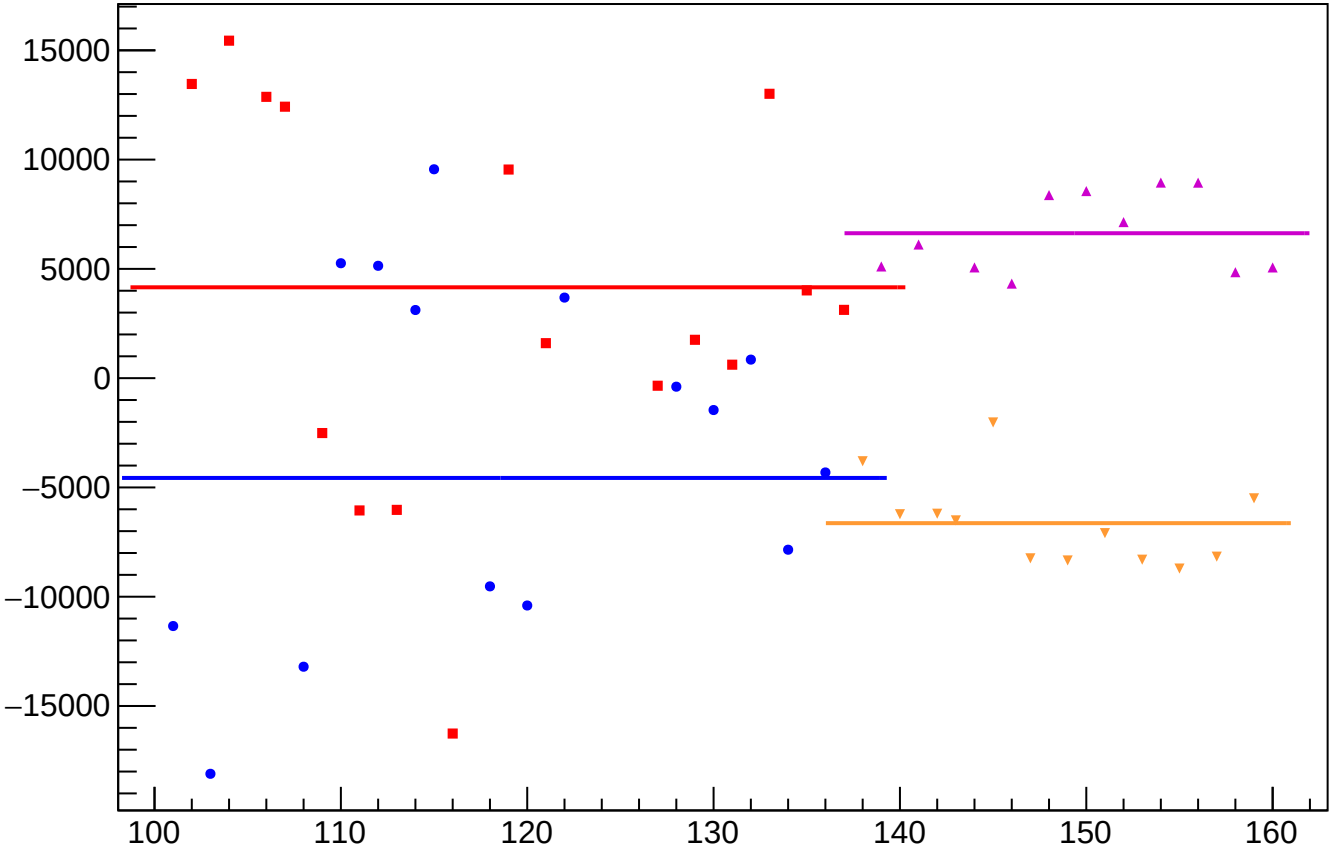
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

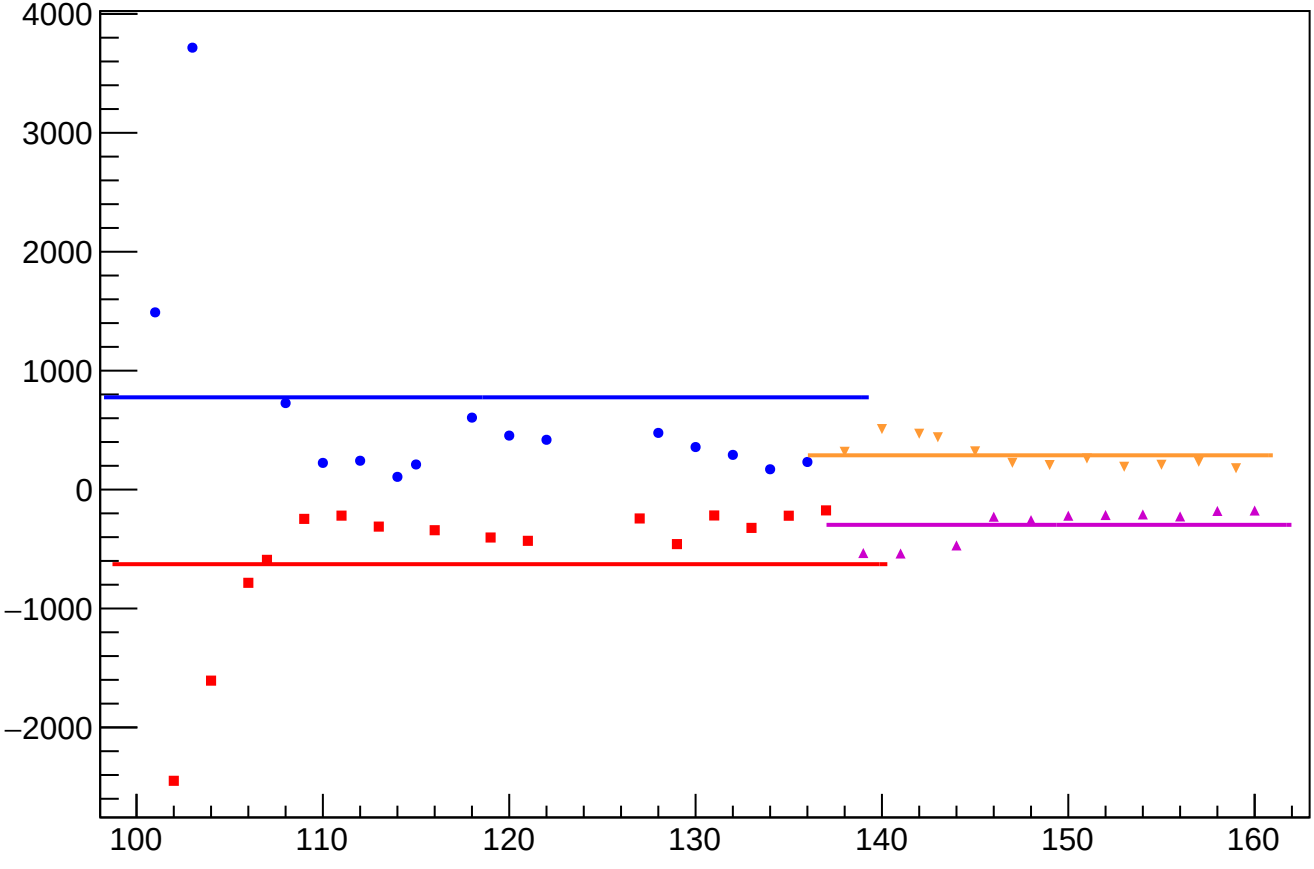
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 34.548+/-0.000 χ^2/NDF: 8733279042780031
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6634.457+/-0.000 χ^2/NDF:364015088040329978433954375699564540723 2.0/11
In: 2011.723+/-0.000 χ^2/NDF:862930841856365
Right Out: 4156.859+/-0.000 χ^2/NDF: 455394554416599271577084430999306821959 68.0/15
Out: -2081.764+/-0.000 χ^2/NDF:94084012188749
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.212+/-0.000 χ^2/NDF: 19358961743

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -5.735+/-0.000 χ^2/NDF: 18477712648236645

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872252254 72.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

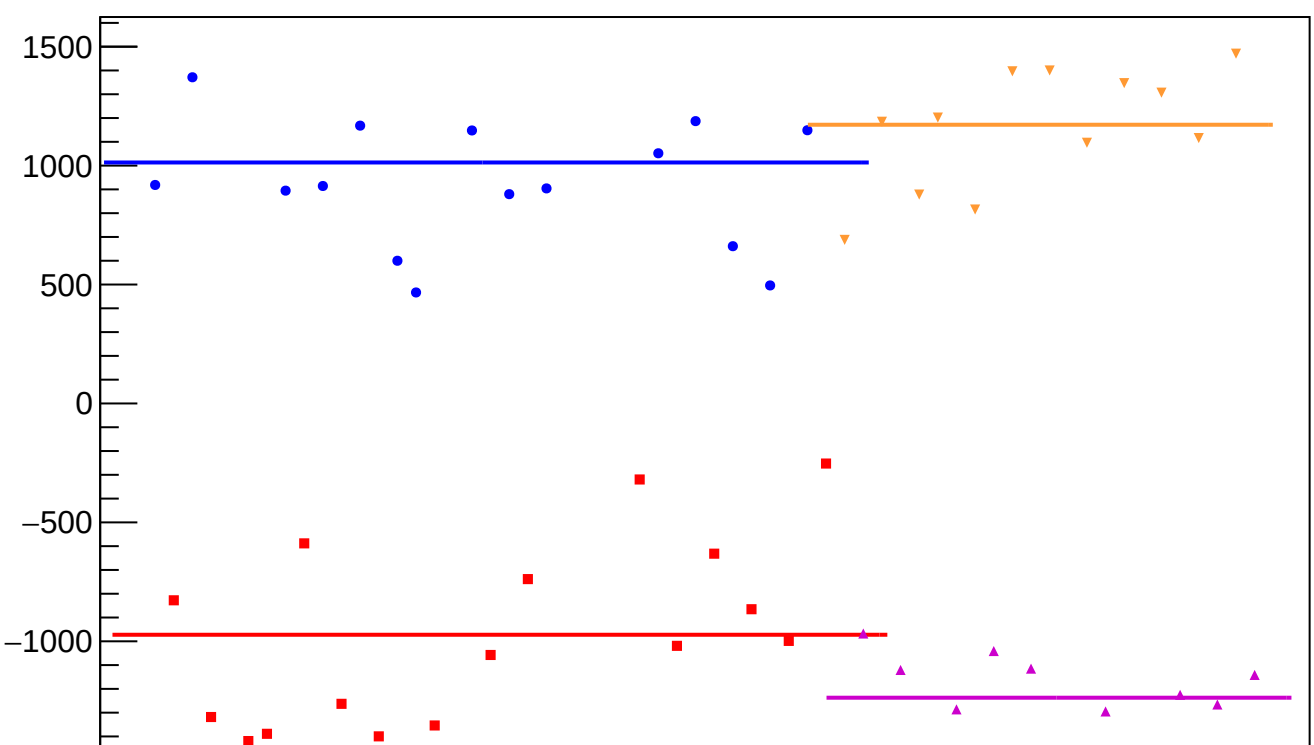
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -98.027+/-0.000 χ^2/NDF:6313426381503725

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.637+/-0.000 χ^2/NDF: 177556541085

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

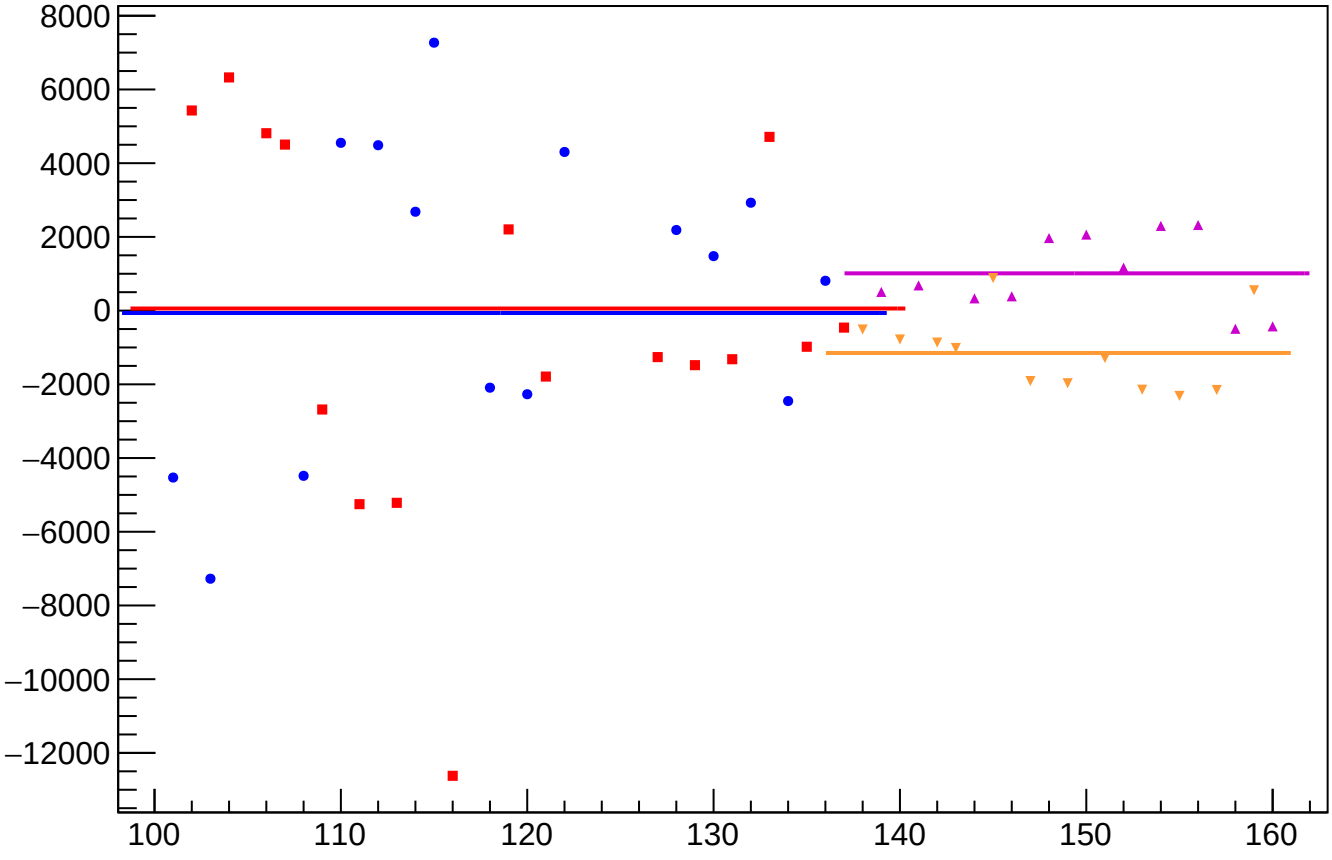
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

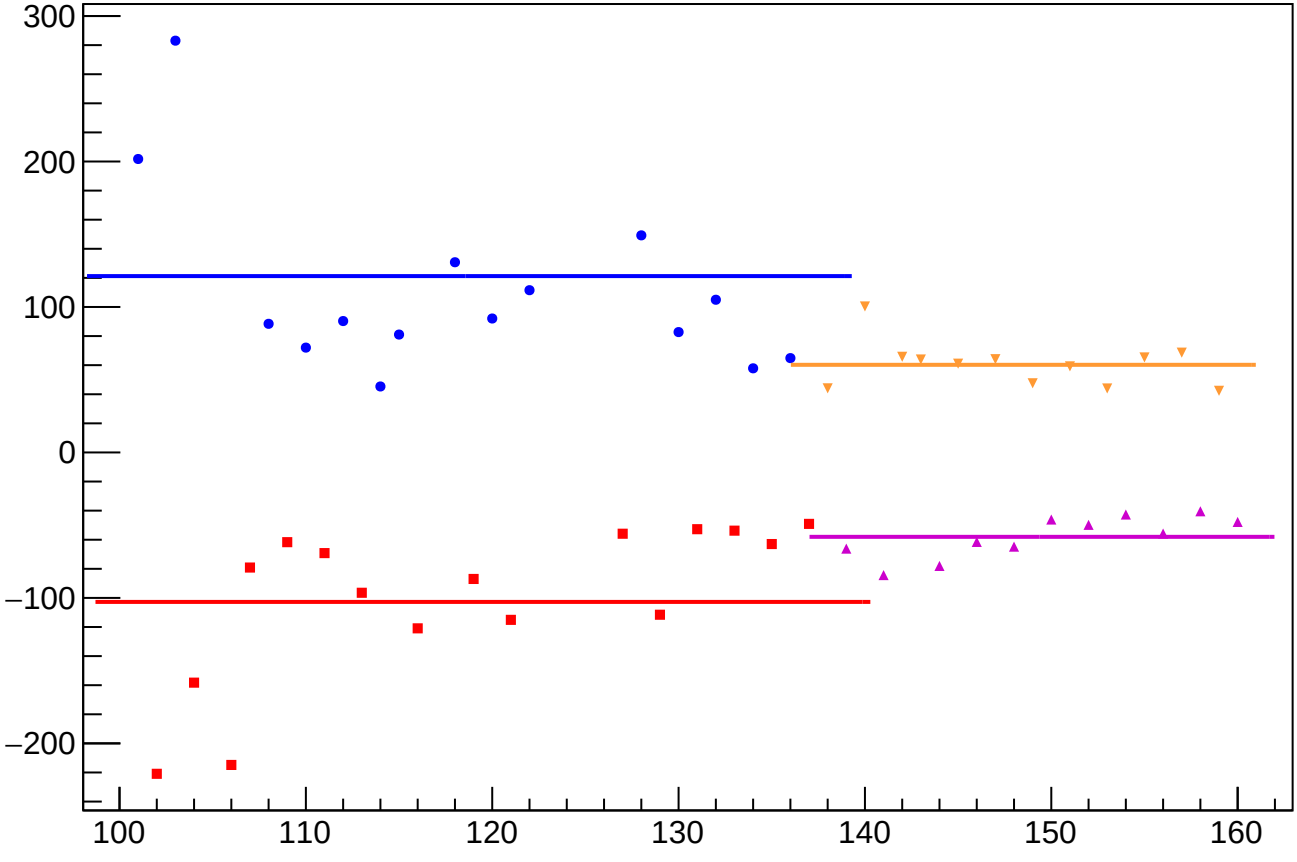
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam5_coil6_mean vs Slug, Sign Corrected



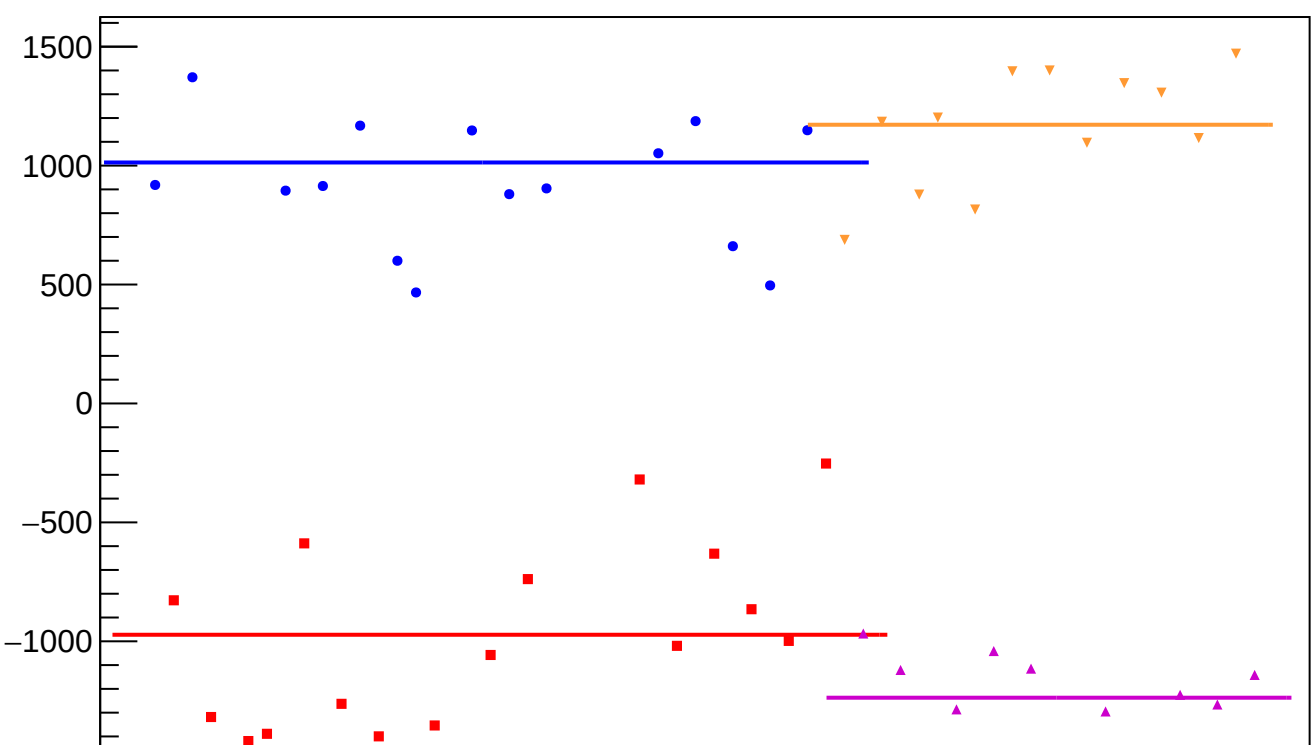
Left: -62.999+/-0.000 χ^2/NDF: 4025709858577995
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
In: 567.326+/-0.000 χ^2/NDF:1095954142307667
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15
Out: -640.131+/-0.000 χ^2/NDF:153194243932265
Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10
All: -37.934+/-0.000 χ^2/NDF: 274285540726

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



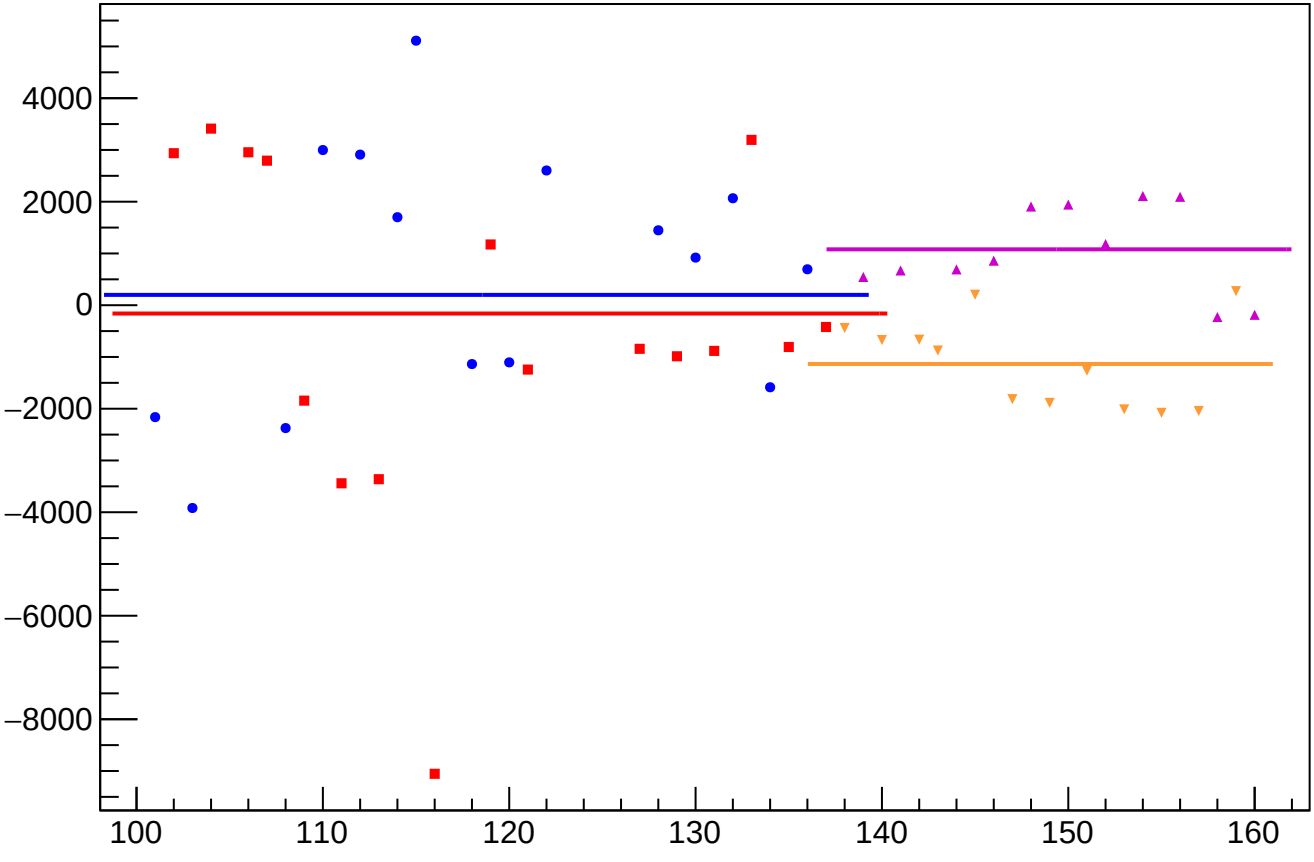
Left: 0.793+/-0.000 χ^2/NDF: 68275380749844430
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.239+/-0.000 χ^2/NDF:225102554491032869548797845500329984.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.523+/-0.000 χ^2/NDF:12436372618875294
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.678+/-0.000 χ^2/NDF: 28056421642135

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -21.924+/-0.000 χ^2/NDF: 3523794568652633

Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -1135.455+/-0.000 χ^2/NDF:6546975925965793491330100581789251665 92.0/11

In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8

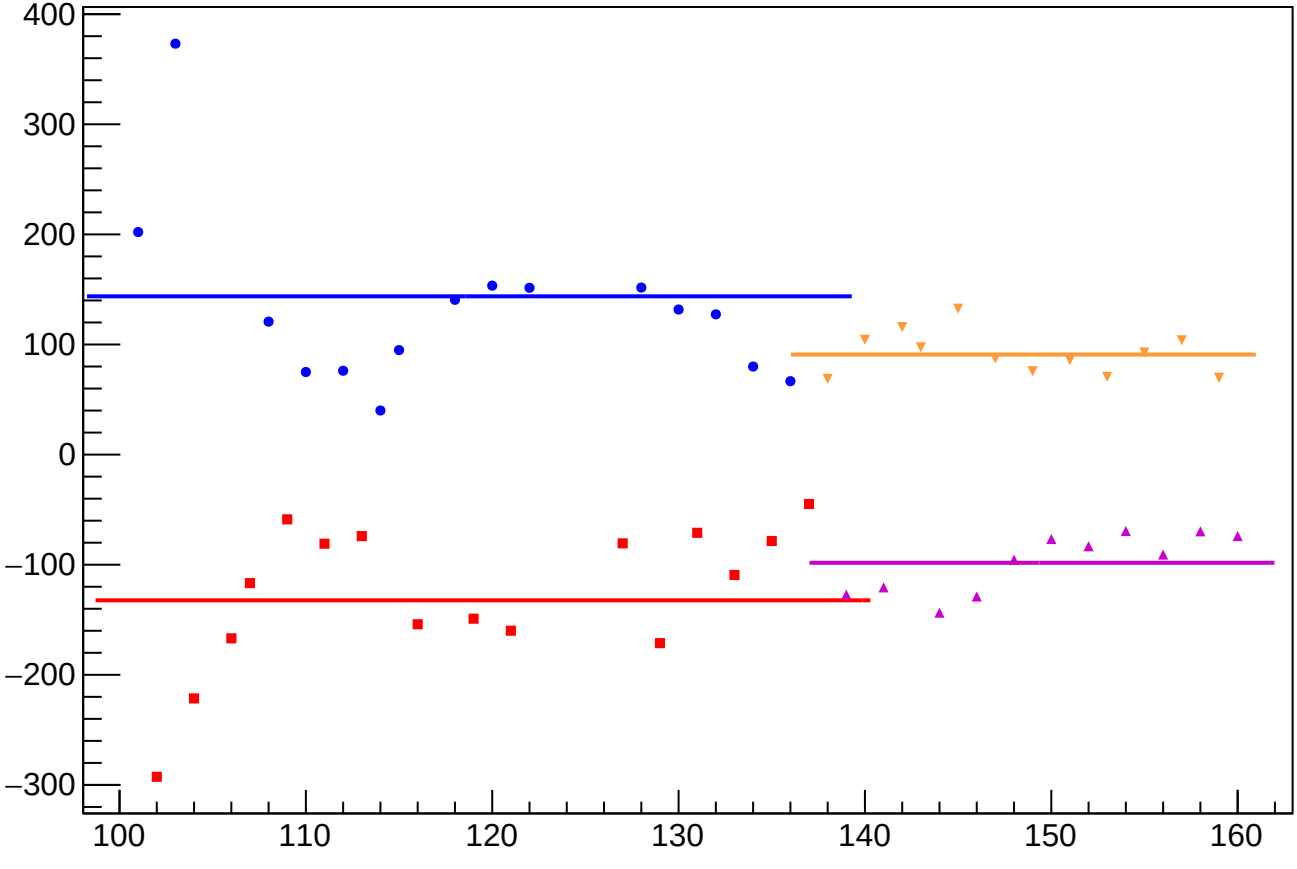
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -724.141+/-0.000 χ^2/NDF:6701794637577 53

Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10

All: -5.669+/-0.000 χ^2/NDF: 1251632905272

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -4.202+/-0.000 χ^2/NDF: 17384612750229045

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

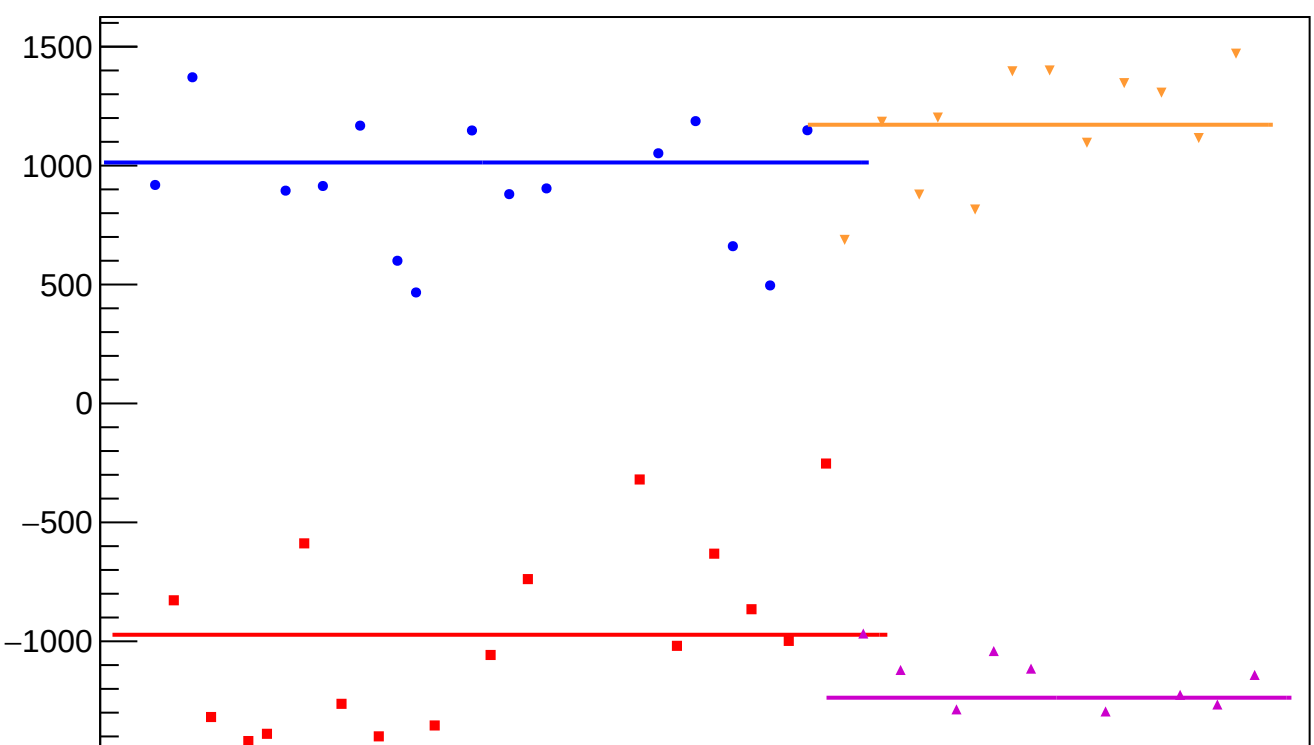
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.293+/-0.000 χ^2/NDF:22714212497857002

Left In: -98.257+/-0.000 χ^2/NDF:62099377677309339303336942847079 2192.0/10

All: -0.854+/-0.000 χ^2/NDF: 5019902274084

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

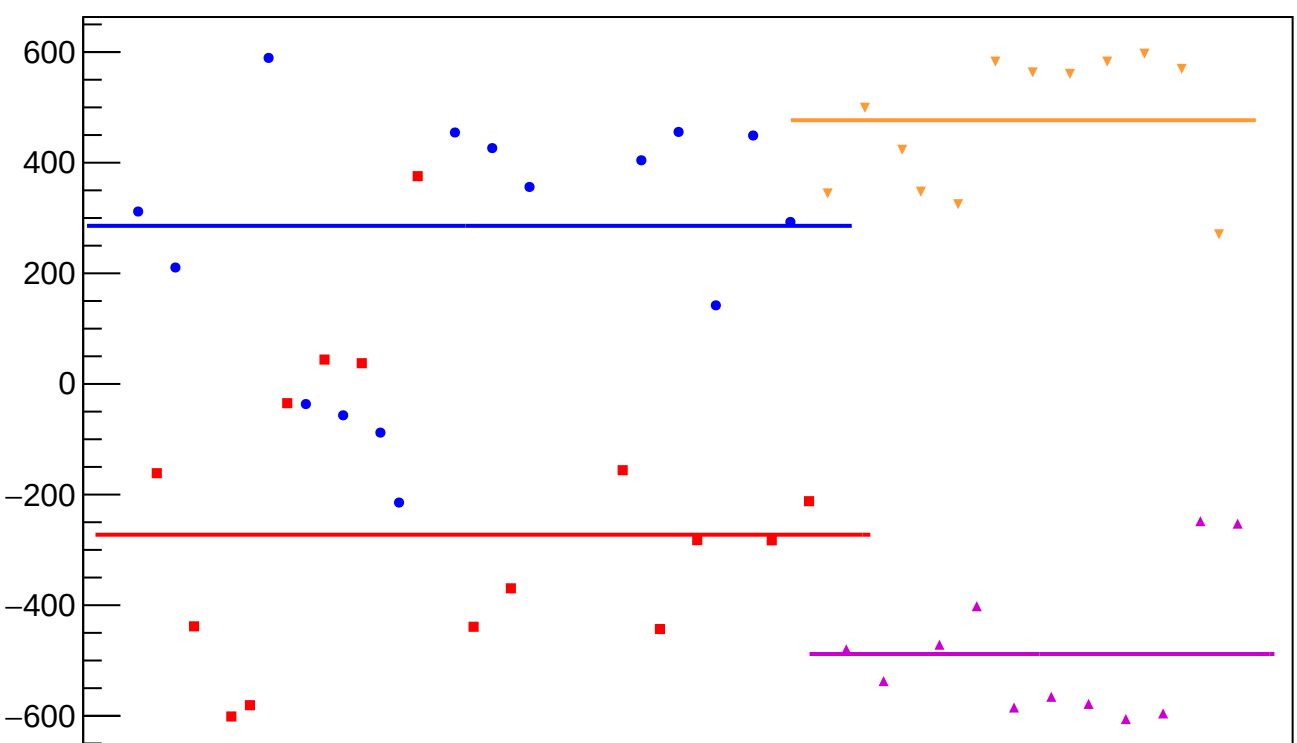
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

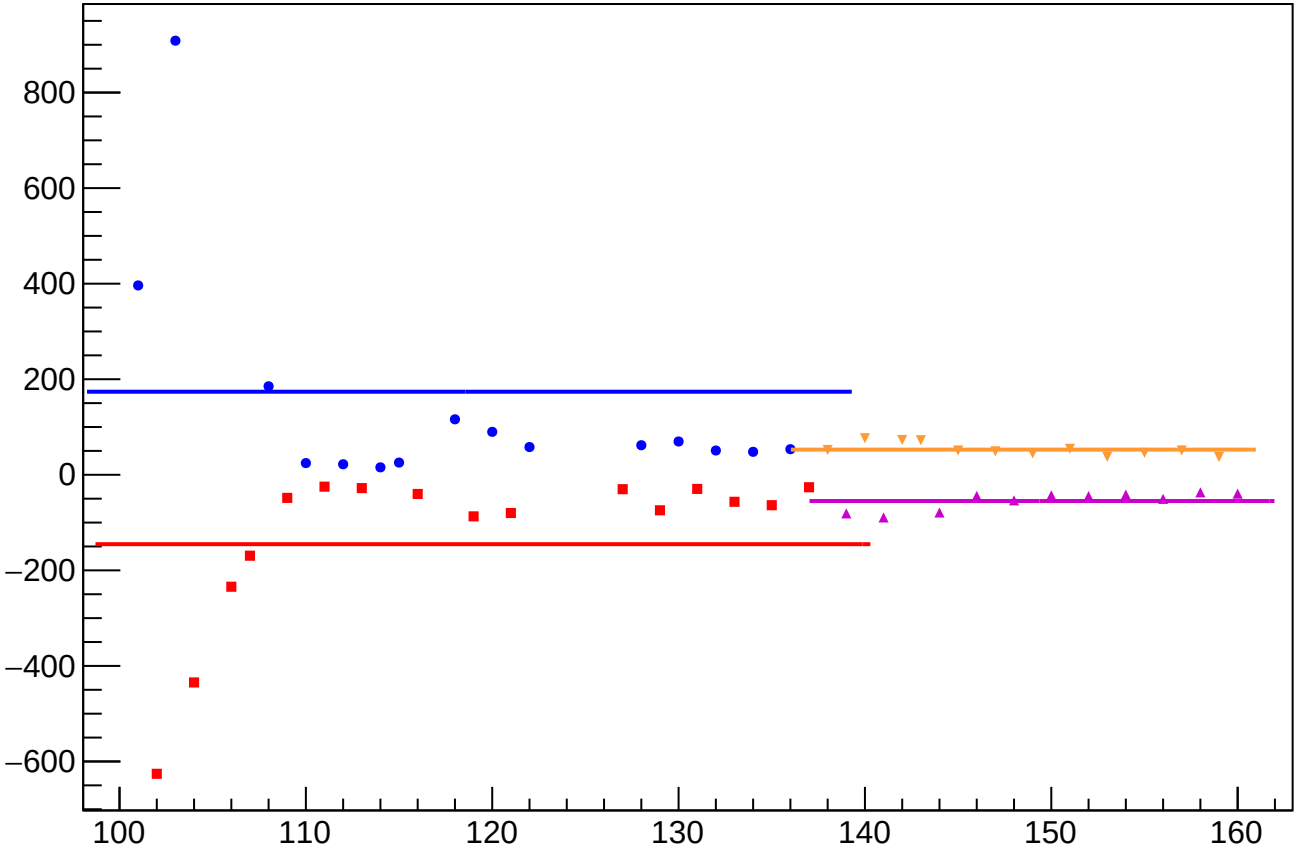
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: -8.329+/-0.000 χ^2/NDF: 4544089185144213
Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
Right: 2.840+/-0.000 χ^2/NDF: 1708227674194589 5
Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11
In: -168.836+/-0.000 χ^2/NDF:2663585226046871
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15
Out: 160.663+/-0.000 χ^2/NDF:2733623549167339
Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10
All: -3.669+/-0.000 χ^2/NDF: 6253273590333

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -1.410+/-0.000 χ^2/NDF: 57550913372035412

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.656+/-0.000 χ^2/NDF:14015942338588797669206616754146508 8.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

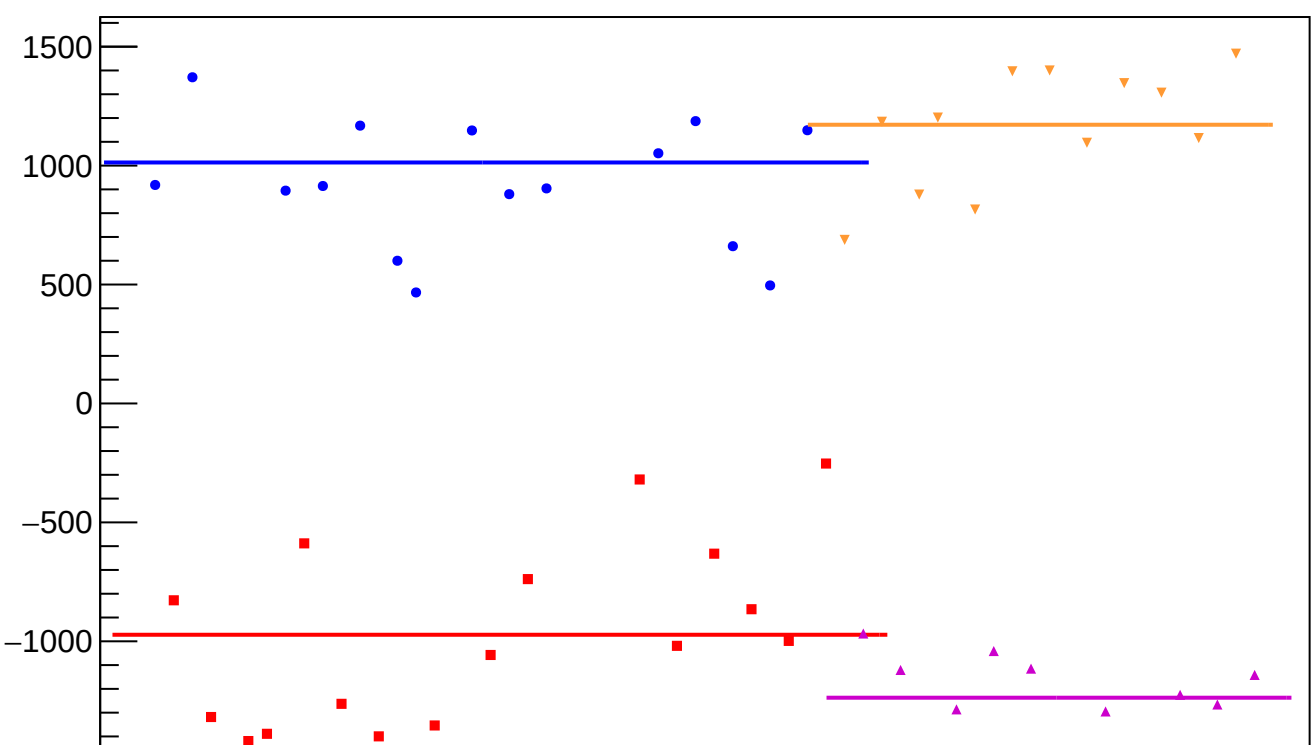
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.828+/-0.000 χ^2/NDF:3776923807481634

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.243+/-0.000 χ^2/NDF: 1036248534255 5

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

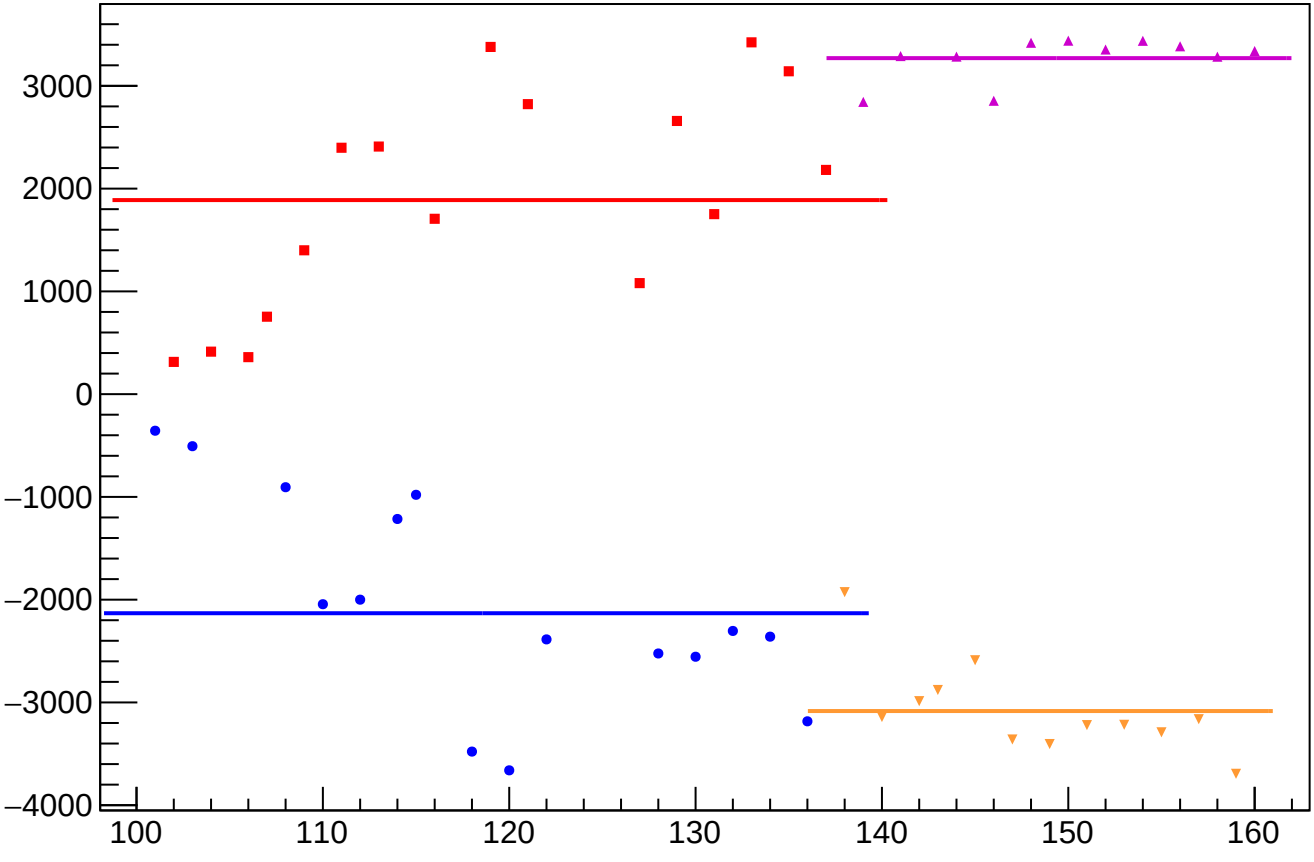
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

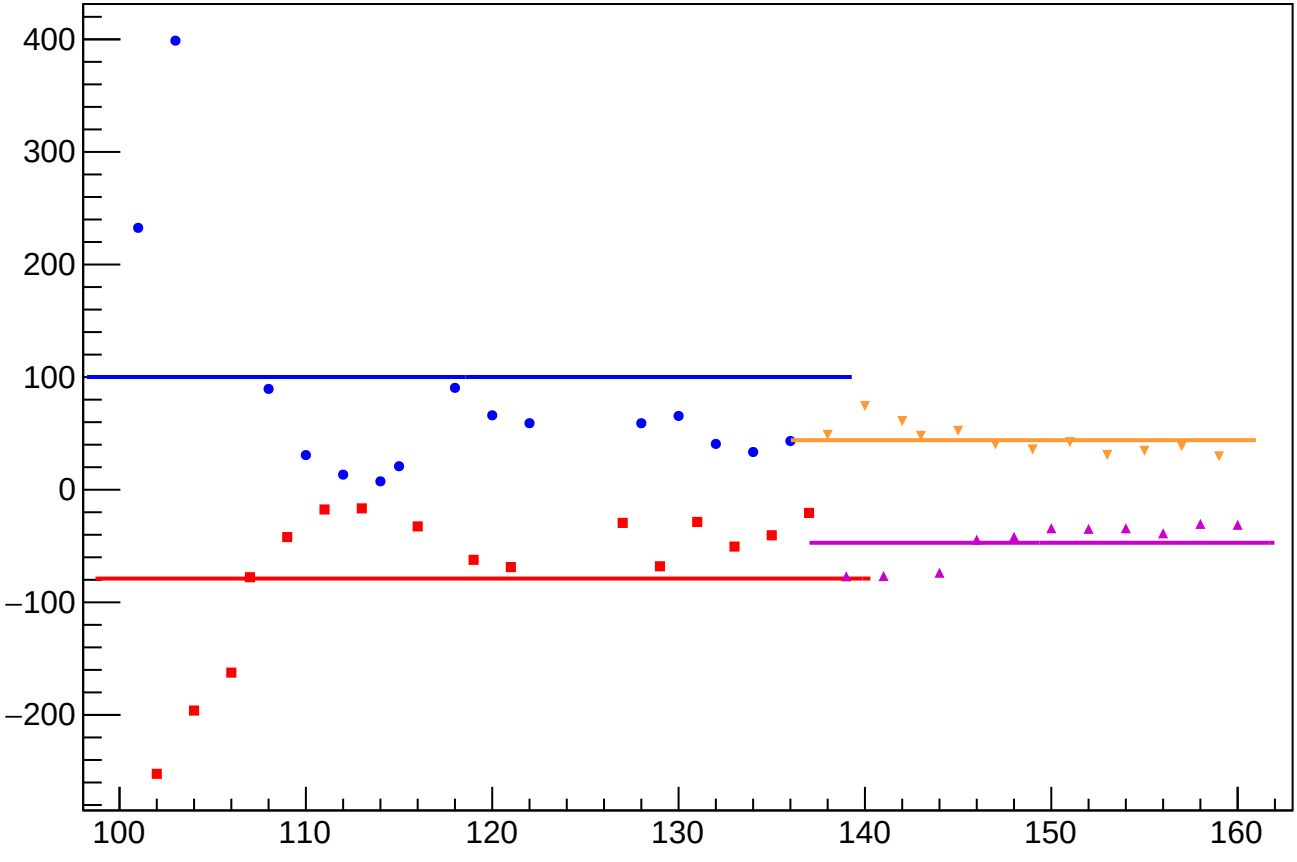
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 110.297+/-0.000 χ^2/NDF: 1876439765485971
Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
Right: -94.234+/-0.000 χ^2/NDF: 683113062504059
Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11
In: 1041.098+/-0.000 χ^2/NDF:1188405782367471
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
Out: -986.042+/-0.000 χ^2/NDF:105033900940683
Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10
All: 24.957+/-0.000 χ^2/NDF: 2562760992420

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -1.797+/-0.000 χ^2/NDF: 42588434917302014

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

In: 13.652+/-0.000 χ^2/NDF:16380012936248555

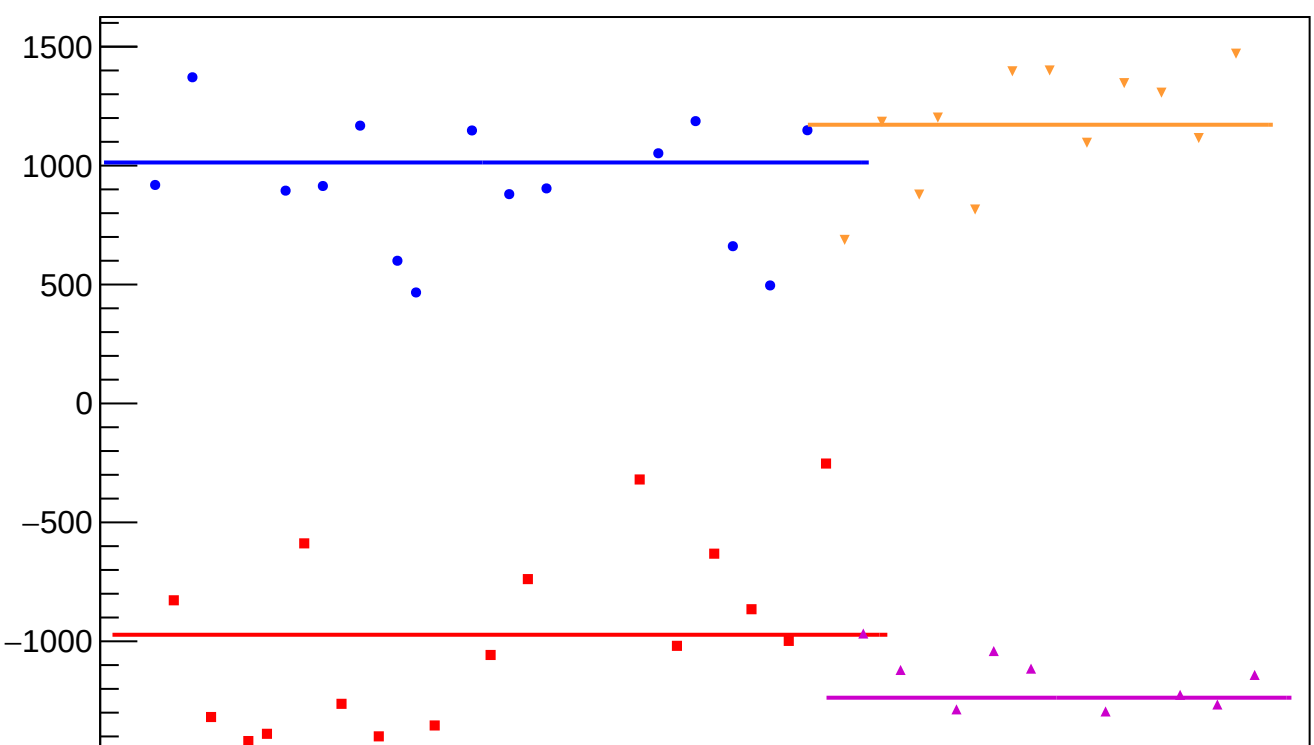
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -7.845+/-0.000 χ^2/NDF:94911269536078839

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

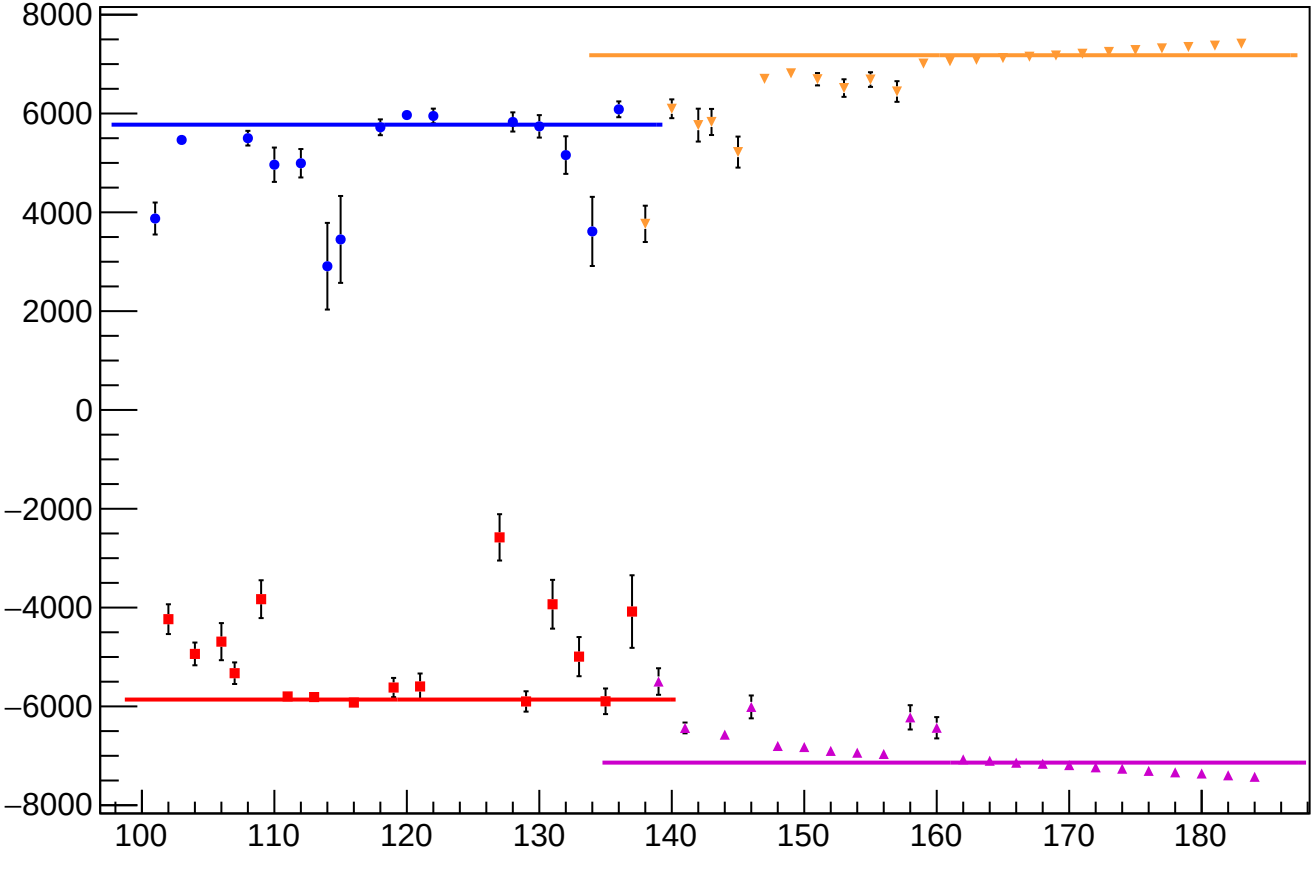
All: 2.876+/-0.000 χ^2/NDF: 2623551568947 9

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7179.528+/-0.111 χ^2/NDF:2641346.5/23

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: -858.667+/-0.074 χ^2/NDF: 9321962407.8/46

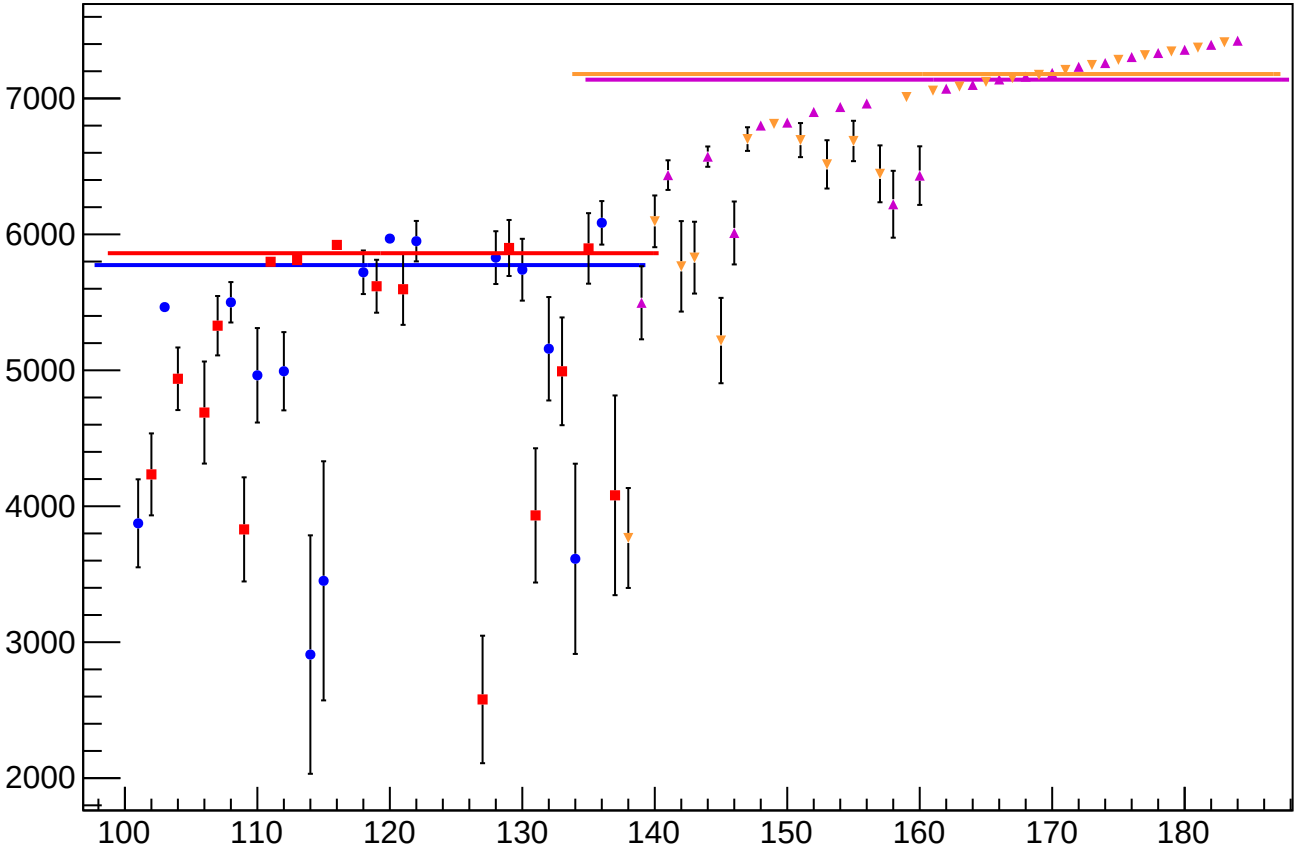
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -4211.004+/-0.086 χ^2/NDF:3922075931.5/37

Out: 2118.519+/-0.087 χ^2/NDF:5344695993.3/39

All: -1066.576+/-0.061 χ^2/NDF: 1193331229

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7179.528+/-0.111 χ^2/NDF:2641346.5/23

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 7156.206+/-0.074 χ^2/NDF: 7268879.3/46

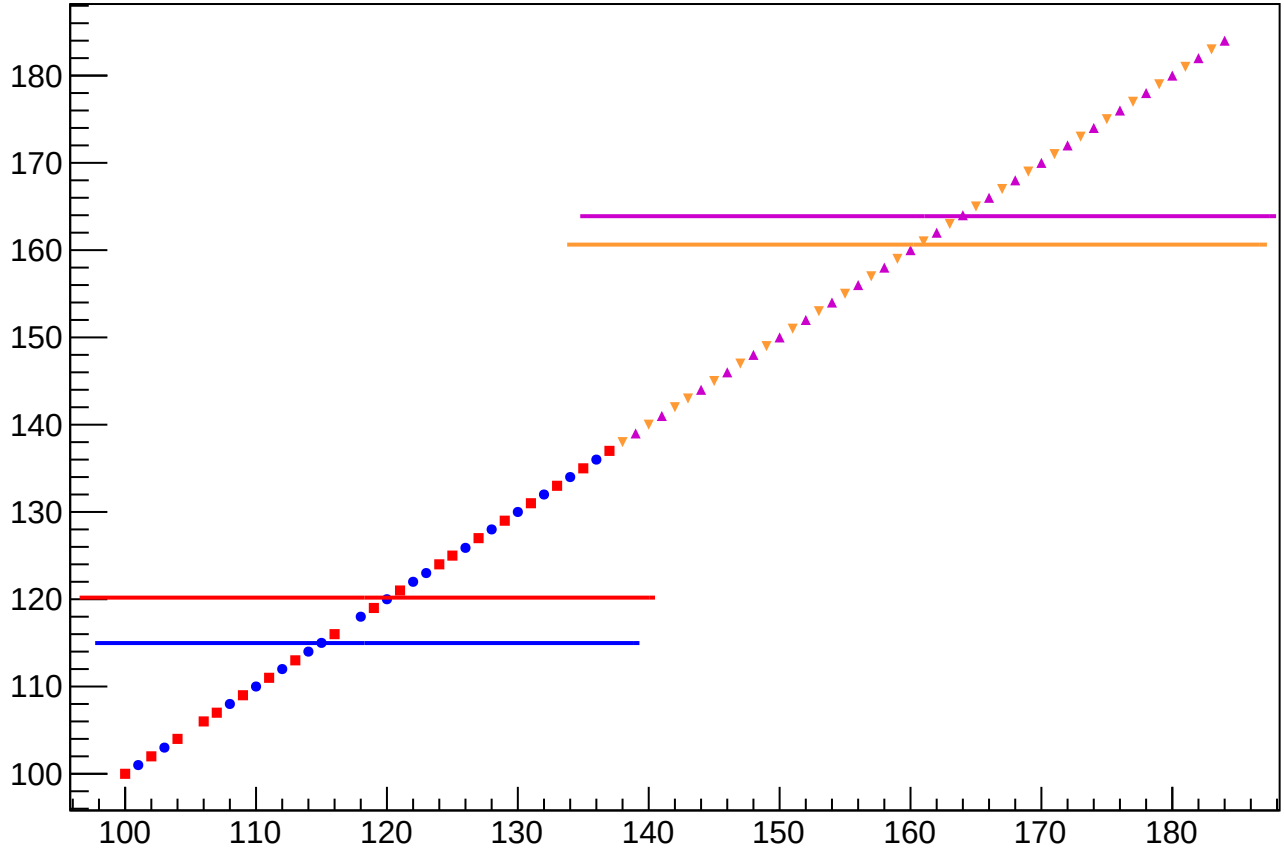
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6828.818+/-0.086 χ^2/NDF:50065585.8/37

Out: 6668.006+/-0.087 χ^2/NDF:57390540.1/39

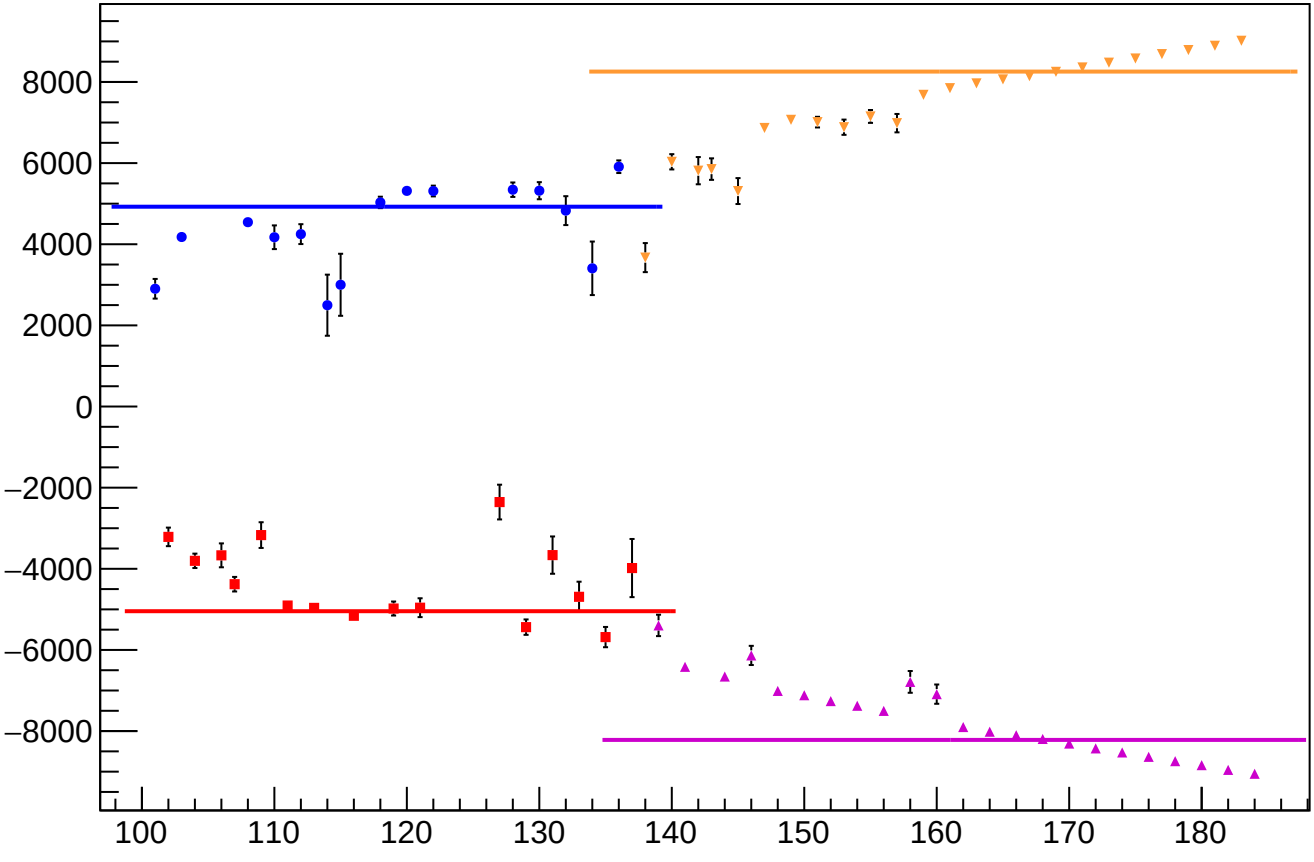
All: 6748.929+/-0.061 χ^2/NDF: 109177369.4/

dit_slug_slope vs Slug, Sign Corrected



Left: 162.537+/-0.000 χ^2/NDF: 338032503172469
Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16
Right: 117.096+/-0.000 χ^2/NDF: 180832885295768
Left Out: 160.634+/-0.000 χ^2/NDF:125872480917537966042985225256960.0/23
In: 138.150+/-0.000 χ^2/NDF:1990920735543917
Right Out: 120.186+/-0.000 χ^2/NDF: 522332536442616955281980417638 40.0/18
Out: 139.731+/-0.000 χ^2/NDF:976702684875731
Left In: 163.890+/-0.000 χ^2/NDF:206308926090069183709360387260416.0/22
All: 138.800+/-0.000 χ^2/NDF: 297050367545

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8256.023+/-0.440 χ^2/NDF:1448635.3/23

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: -1168.998+/-0.288 χ^2/NDF: 804997590.6/46

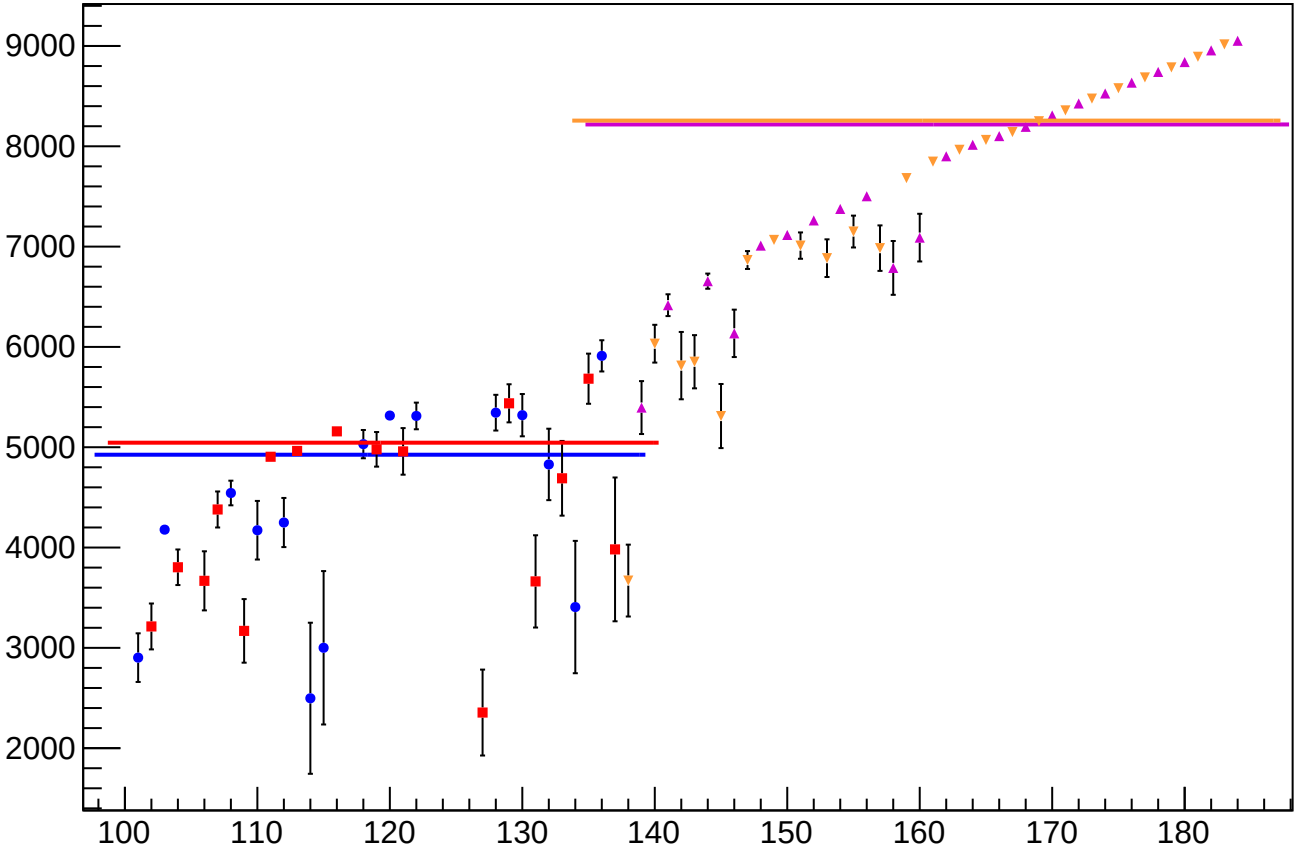
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -6360.026+/-0.353 χ^2/NDF:171632346.5/37

Out: 4224.989+/-0.368 χ^2/NDF:277942587.2/39

All: -1284.027+/-0.255 χ^2/NDF: 880992334.4

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8256.023+/-0.440 χ^2/NDF:1448635.3/23

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: 8234.063+/-0.288 χ^2/NDF: 4427083.0/46

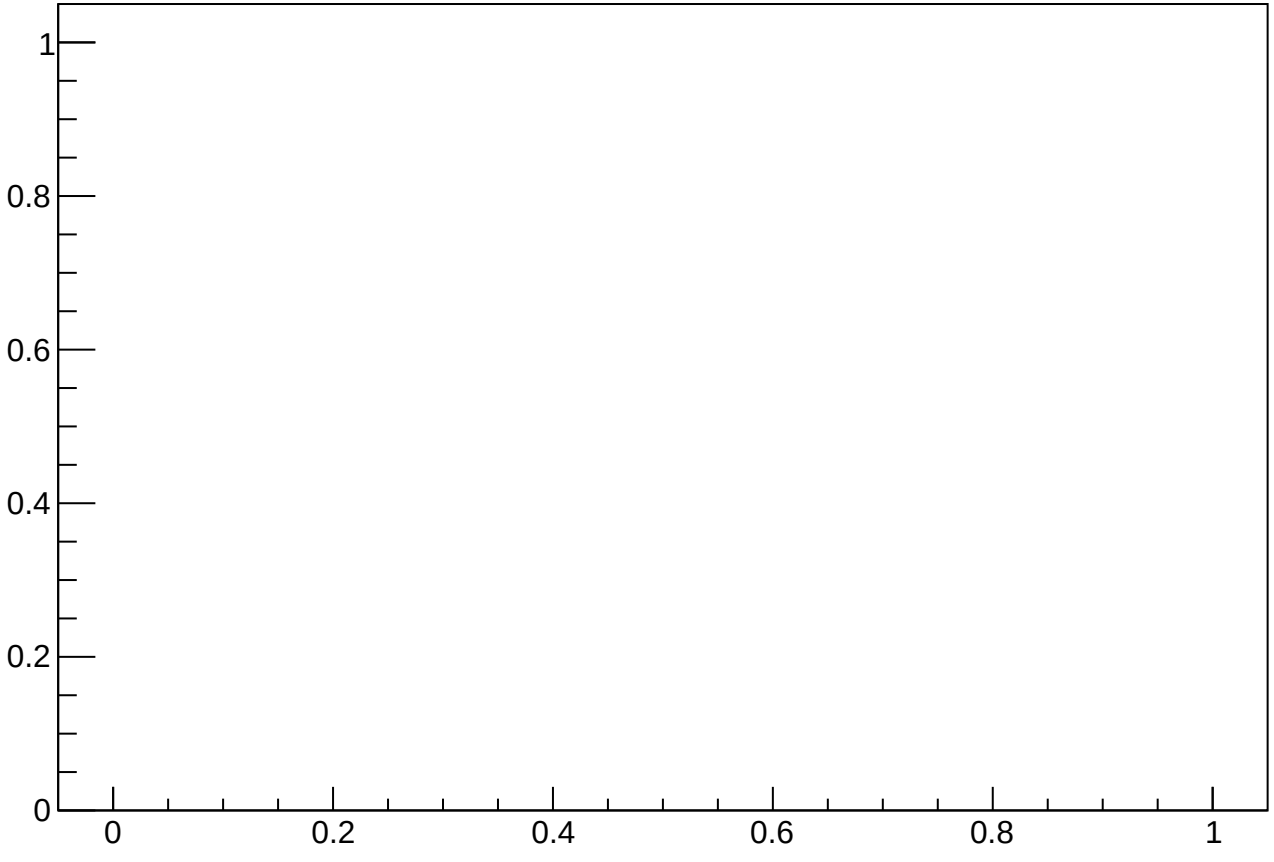
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 7752.303+/-0.353 χ^2/NDF:13867841.6/37

Out: 7282.967+/-0.368 χ^2/NDF:17588267.1/39

All: 7527.235+/-0.255 χ^2/NDF: 32304277.7/7

dit_scandata1_mean vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

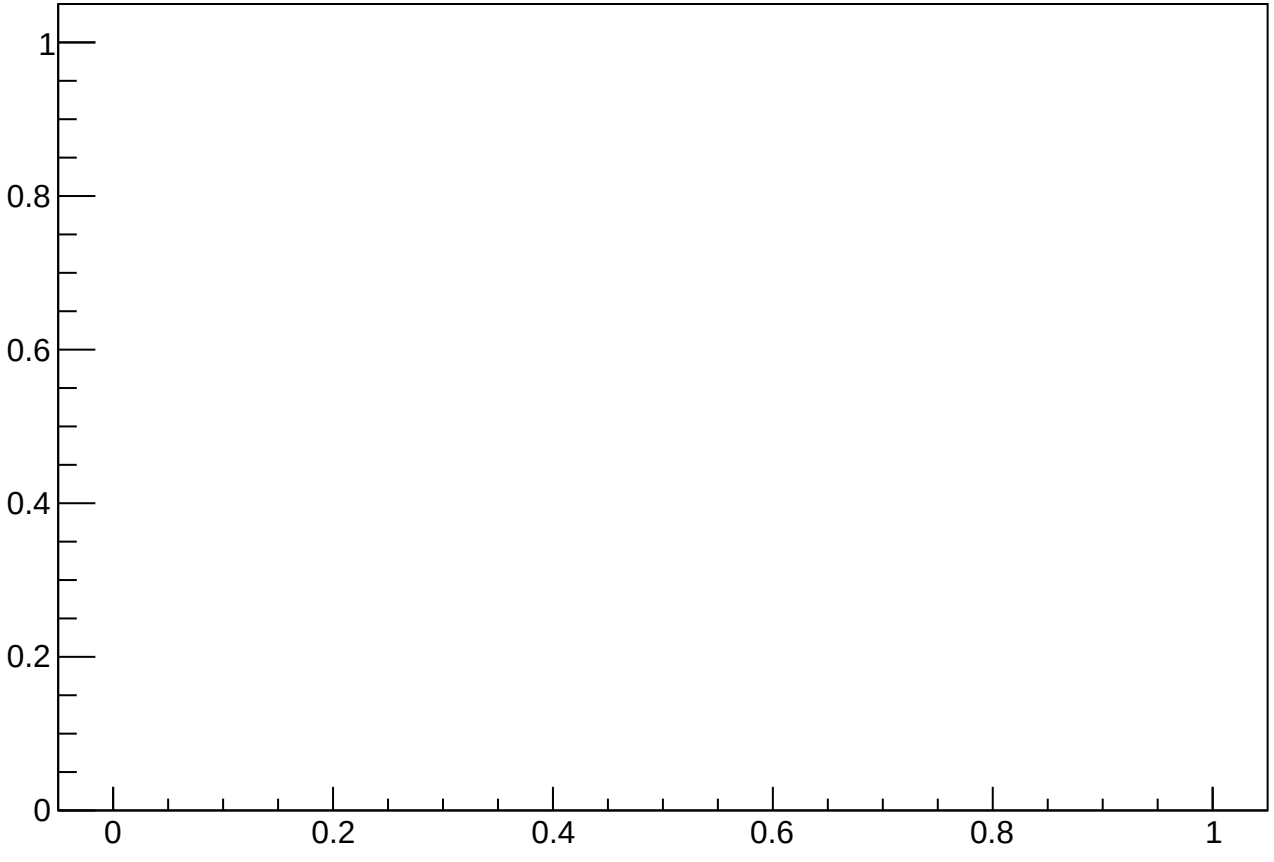
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

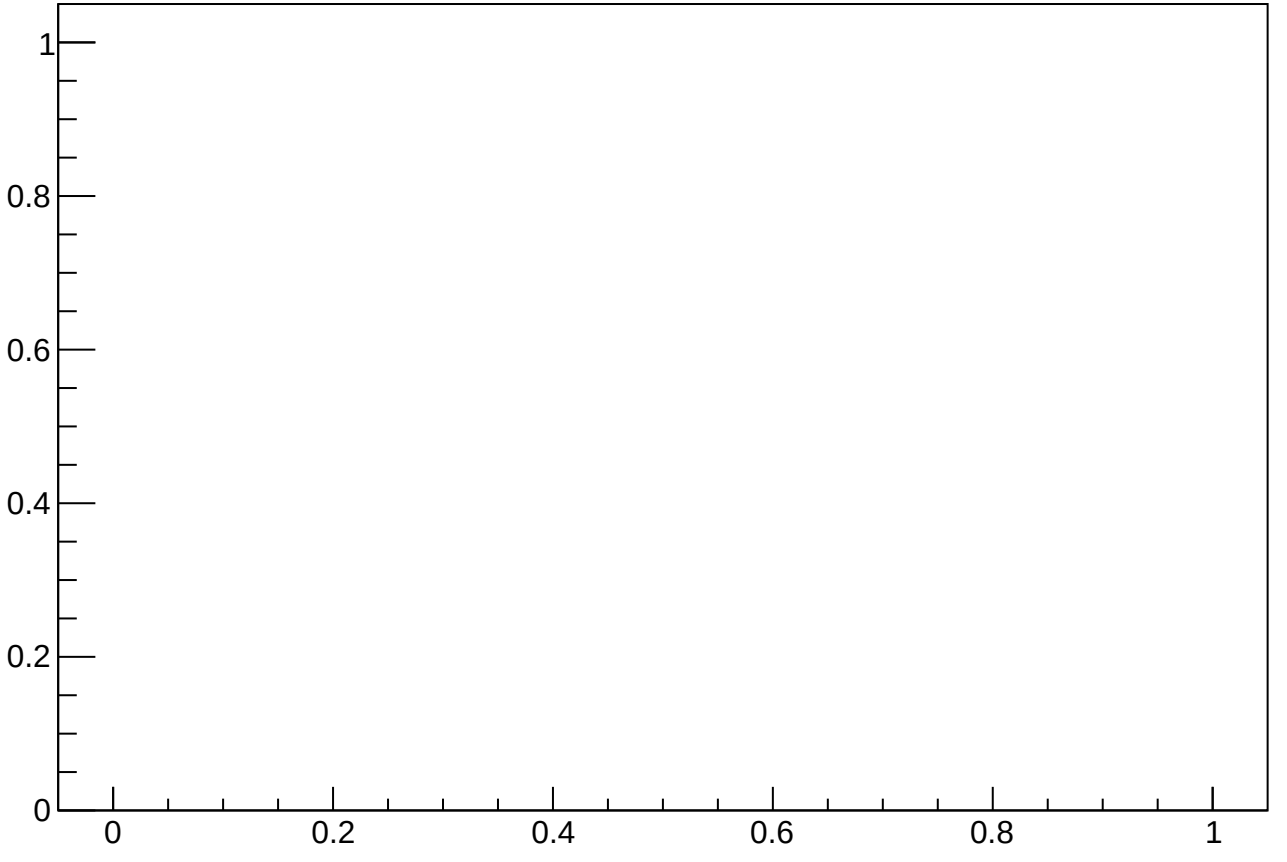
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

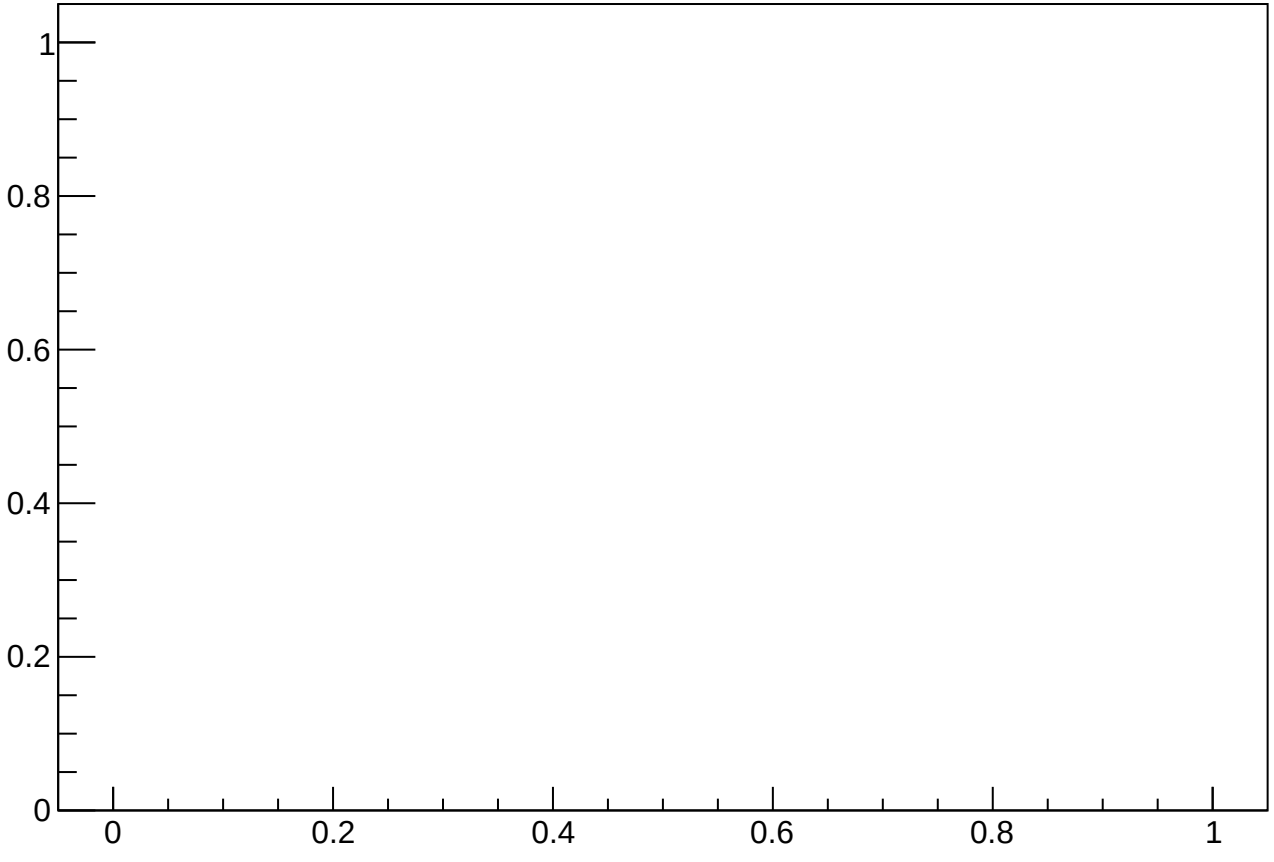
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

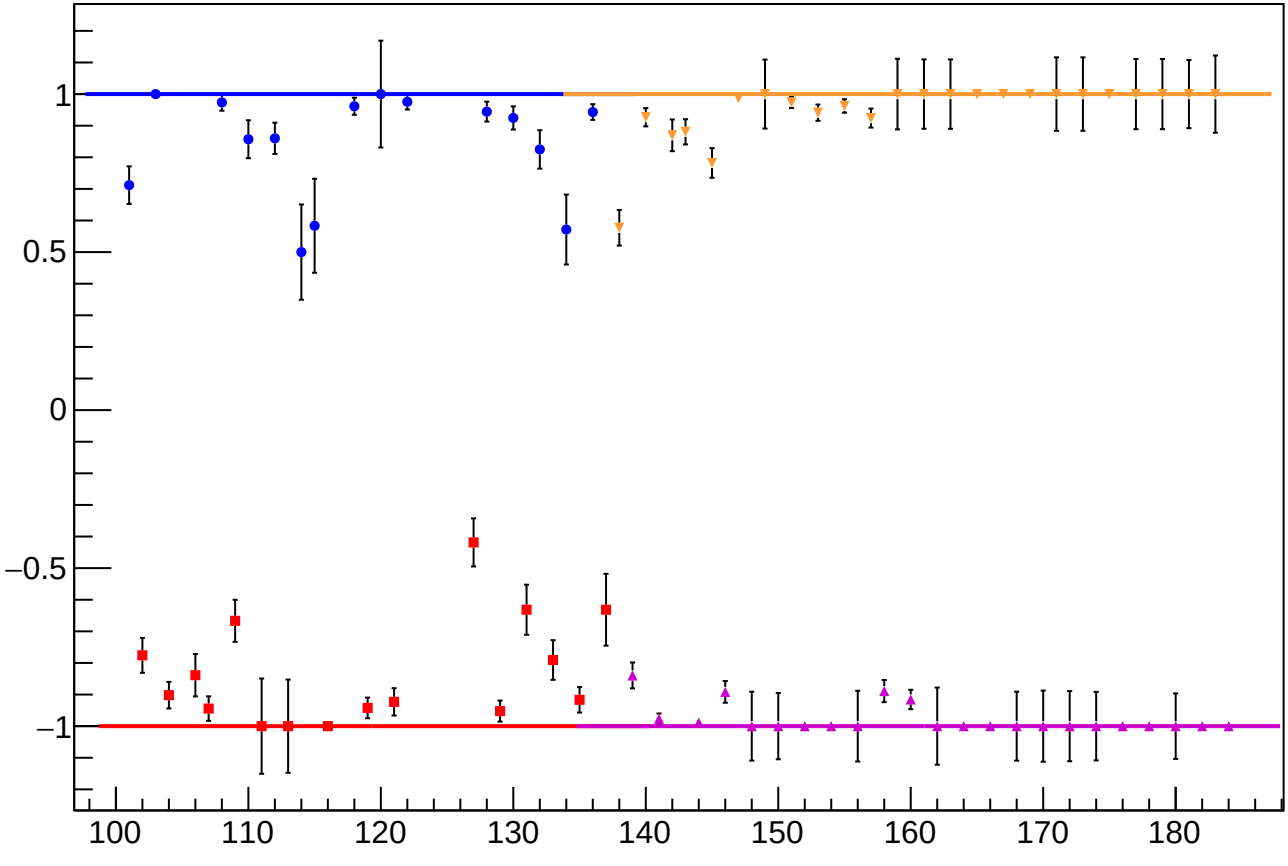
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/23

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:385.6/22

Left: -0.308+/-0.000 χ^2/NDF: 25106005466555206

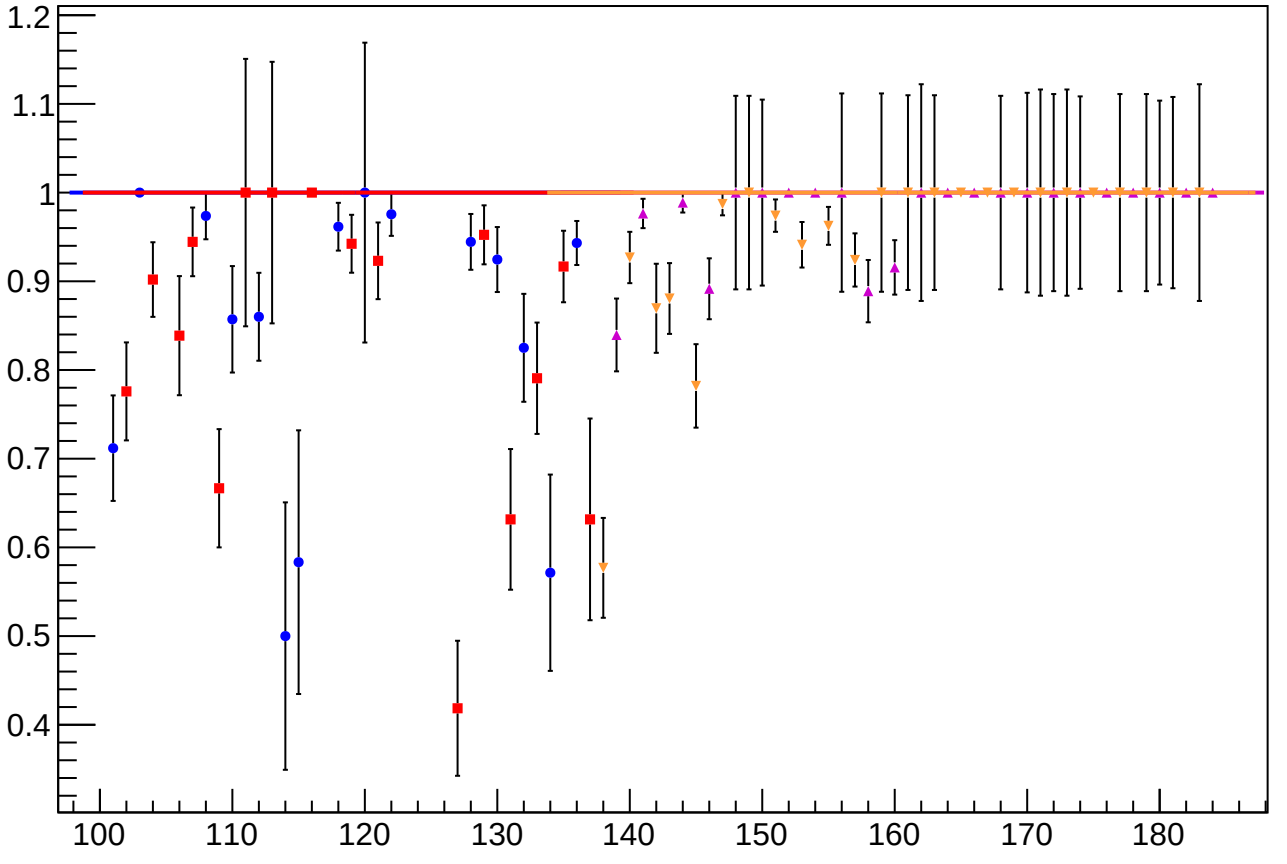
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.878+/-0.000 χ^2/NDF:44191390662143057 7

Out: 0.900+/-0.000 χ^2/NDF:19264216350456297 8

All: -0.268+/-0.000 χ^2/NDF: 2731457681481

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/23

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

Left: 1.000+/-0.000 χ^2/NDF: 802.6/46

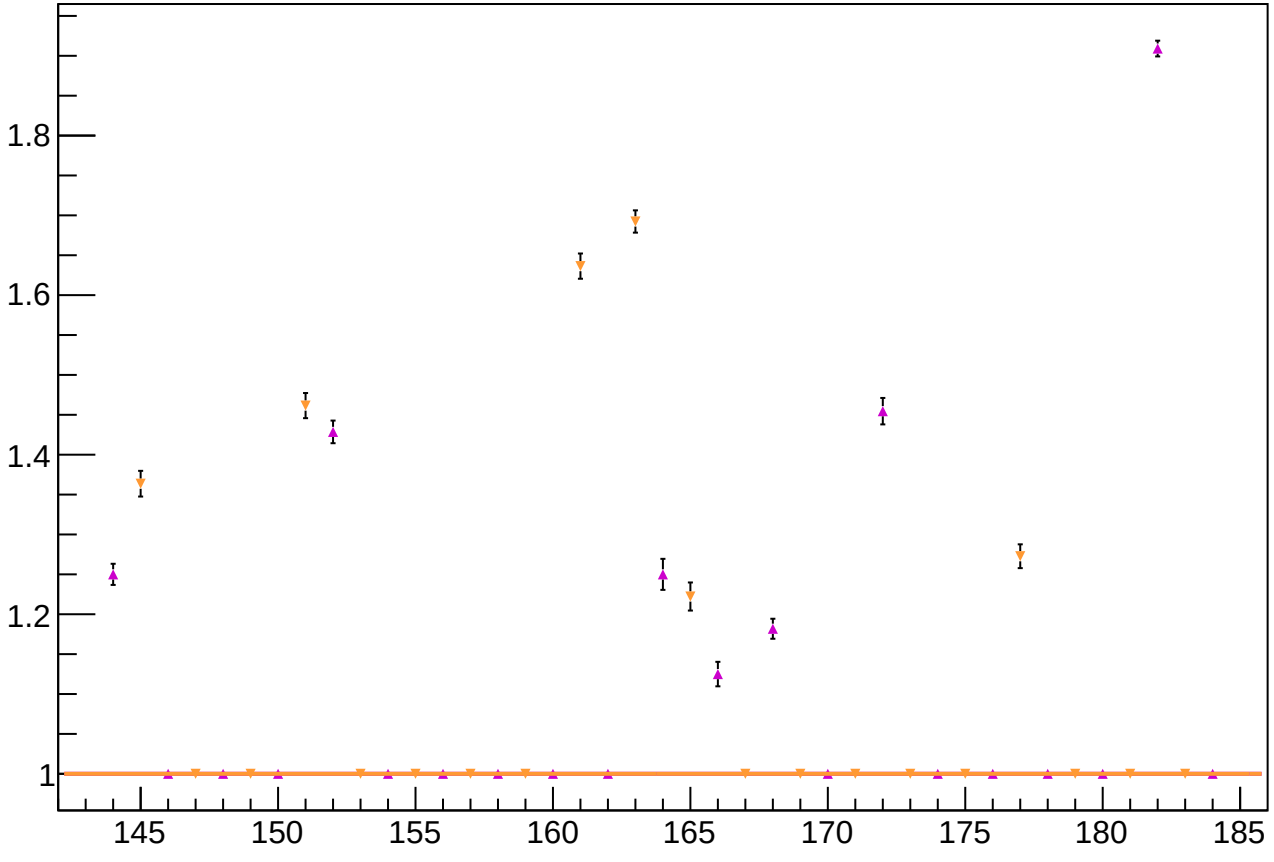
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:746.7/37

Out: 1.000+/-0.000 χ^2/NDF:607.7/39

All: 1.000+/-0.000 χ^2/NDF: 1354.4/77

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:9220.6/19

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

Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

Left: 1.000+/-0.000 χ^2/NDF: 23413.6/40

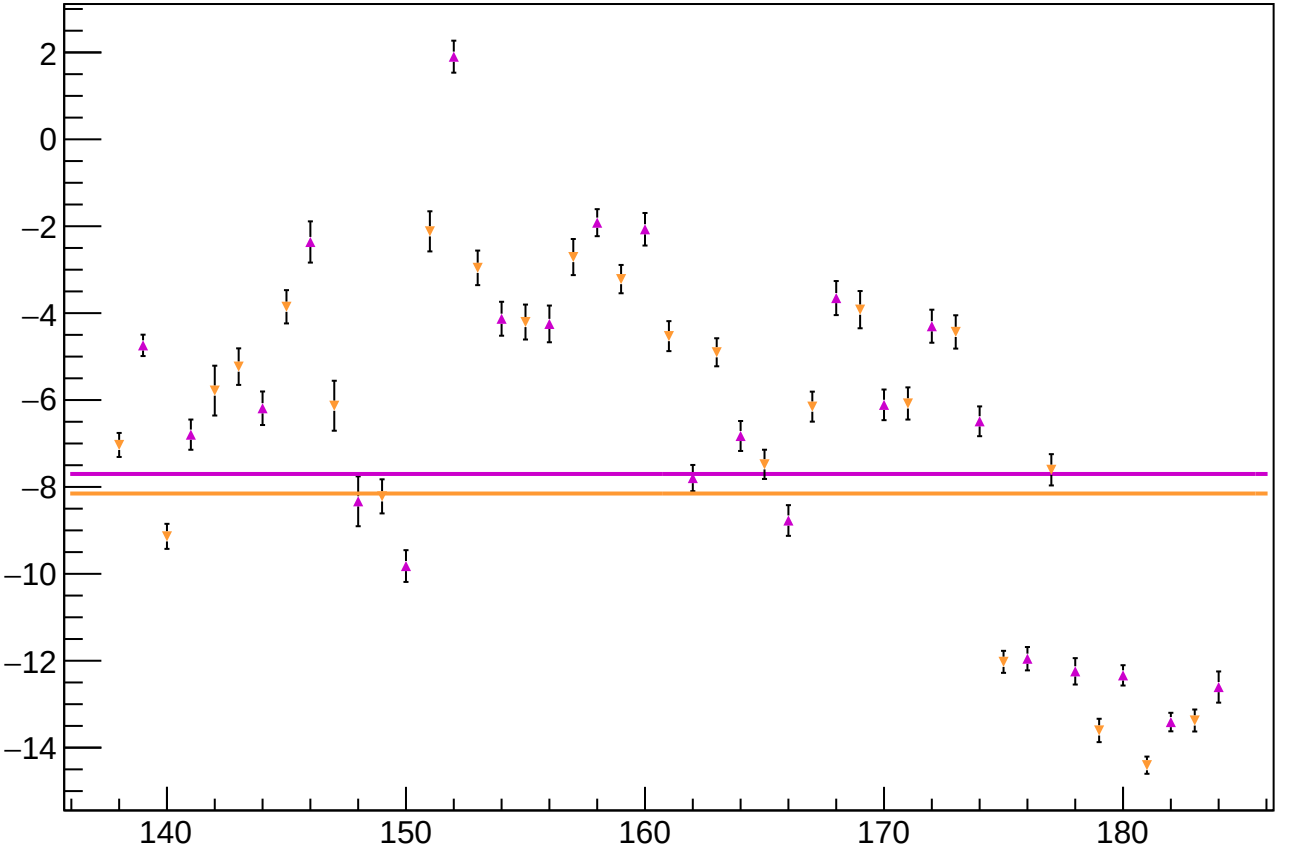
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:12089.0/20

Out: 1.000+/-0.000 χ^2/NDF:9220.6/19

All: 1.000+/-0.000 χ^2/NDF: 23413.6/40

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.152+/-0.068 χ^2/NDF:3613.0/23

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

Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

Left: -7.928+/-0.048 χ^2/NDF: 7372.0/46

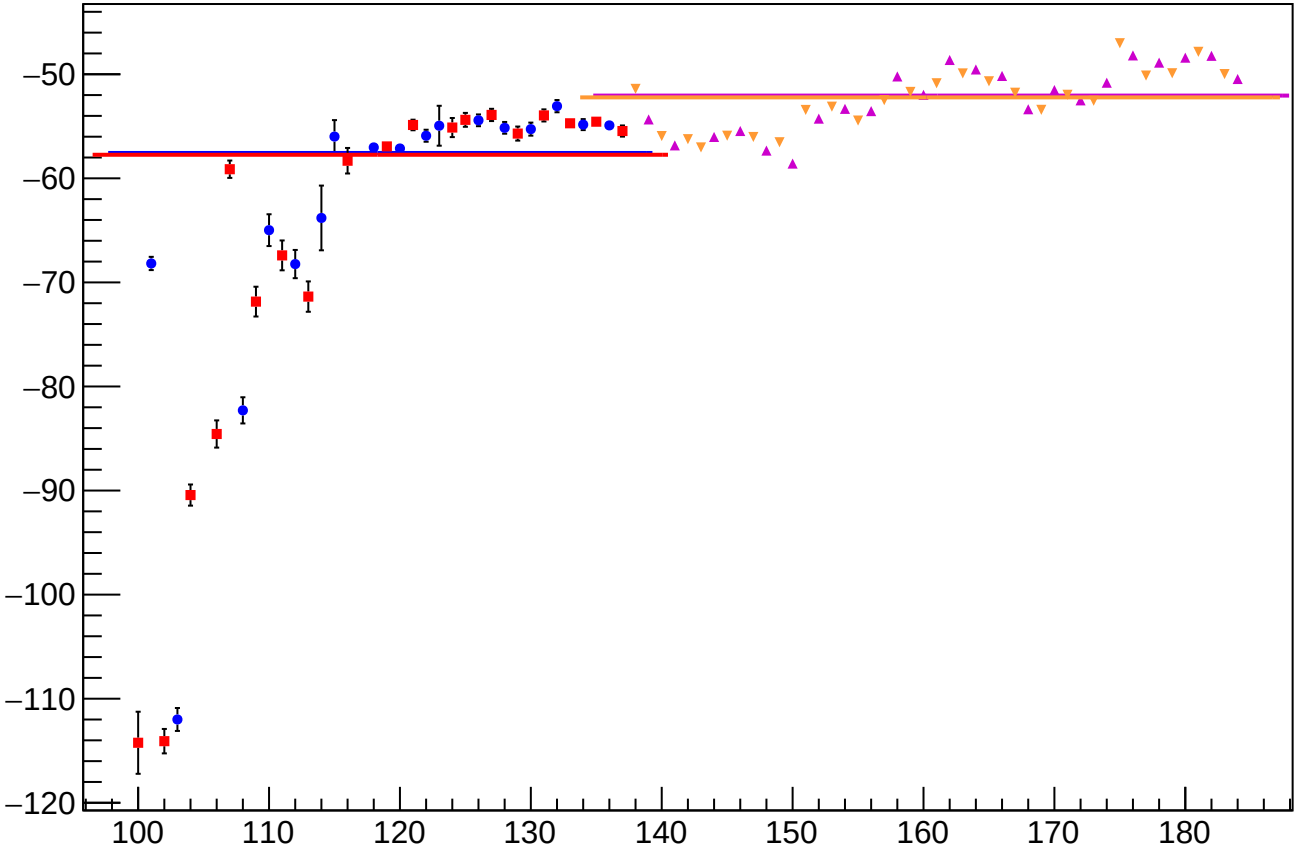
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.701+/-0.068 χ^2/NDF:3737.2/22

Out: -8.152+/-0.068 χ^2/NDF:3613.0/23

All: -7.928+/-0.048 χ^2/NDF: 7372.0/46

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -52.223+/-0.056 χ^2/NDF:2554.9/23

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

Left: -52.138+/-0.040 χ^2/NDF: 5757.1/46

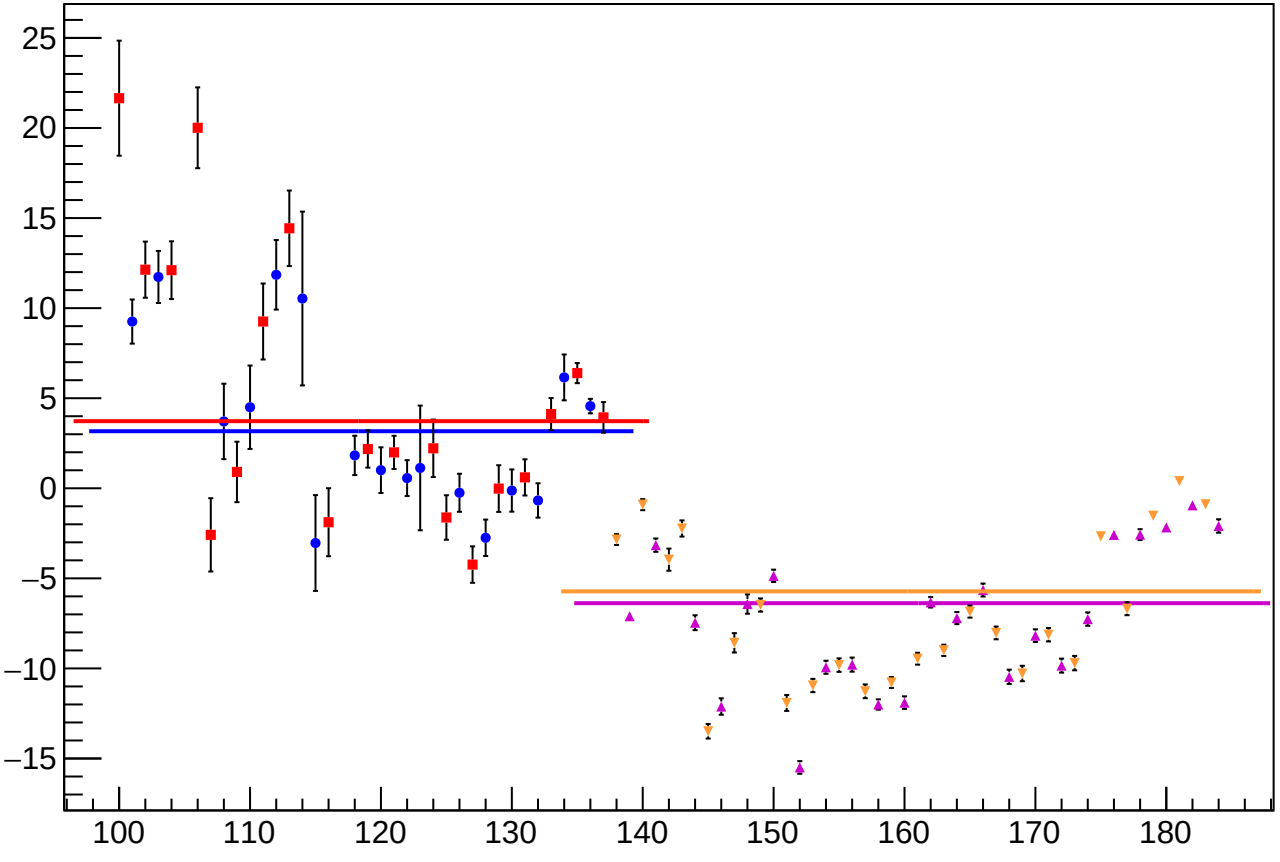
Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -52.820+/-0.053 χ^2/NDF:7960.3/39

Out: -52.946+/-0.052 χ^2/NDF:8544.4/42

All: -52.884+/-0.037 χ^2/NDF: 16507.6/82

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -5.722+/-0.068 χ^2/NDF:3989.0/23

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

Left: -6.050+/-0.048 χ^2/NDF: 7431.0/46

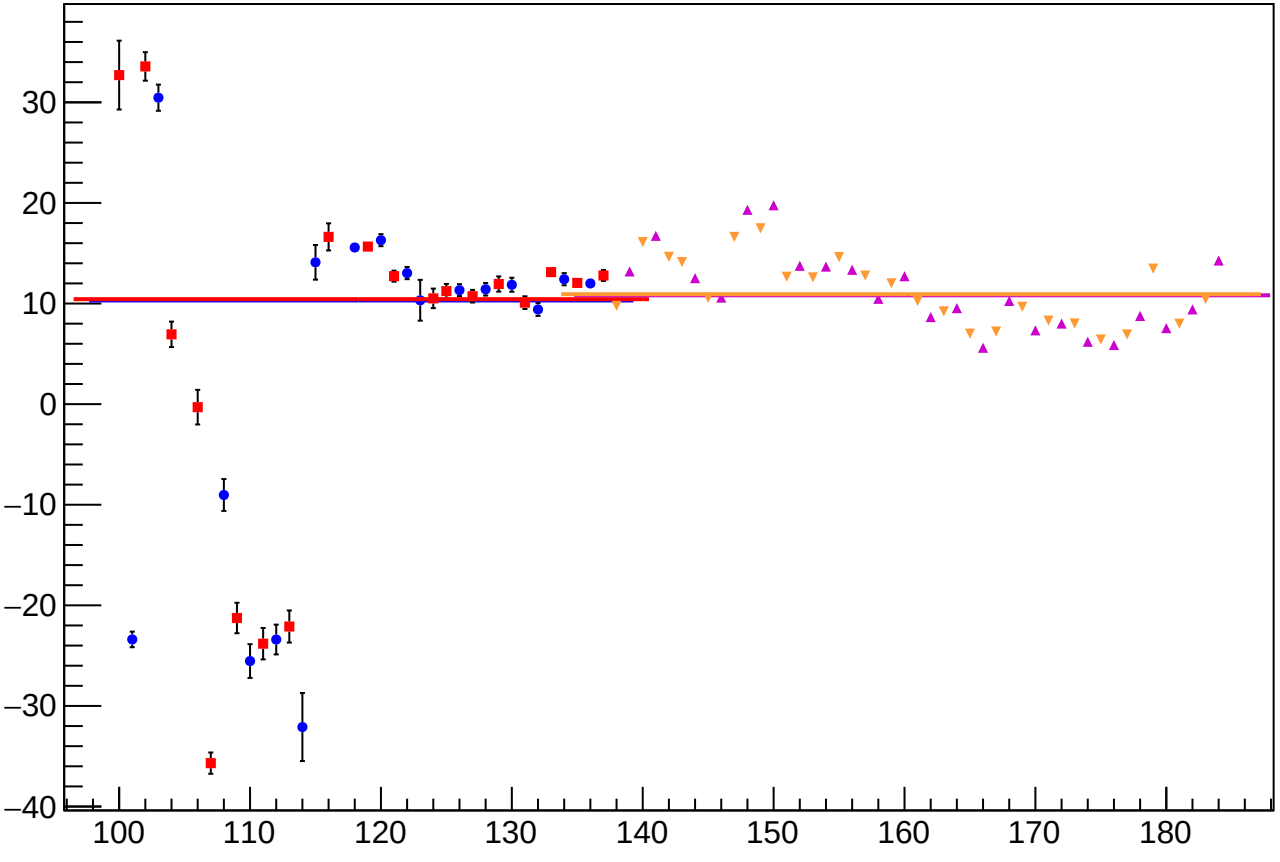
Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -5.753+/-0.066 χ^2/NDF:4864.1/39

Out: -5.144+/-0.066 χ^2/NDF:5487.0/42

All: -5.449+/-0.047 χ^2/NDF: 10393.6/82

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 10.927+/-0.062 χ^2/NDF:2611.0/23

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

Left: 10.873+/-0.044 χ^2/NDF: 6190.2/46

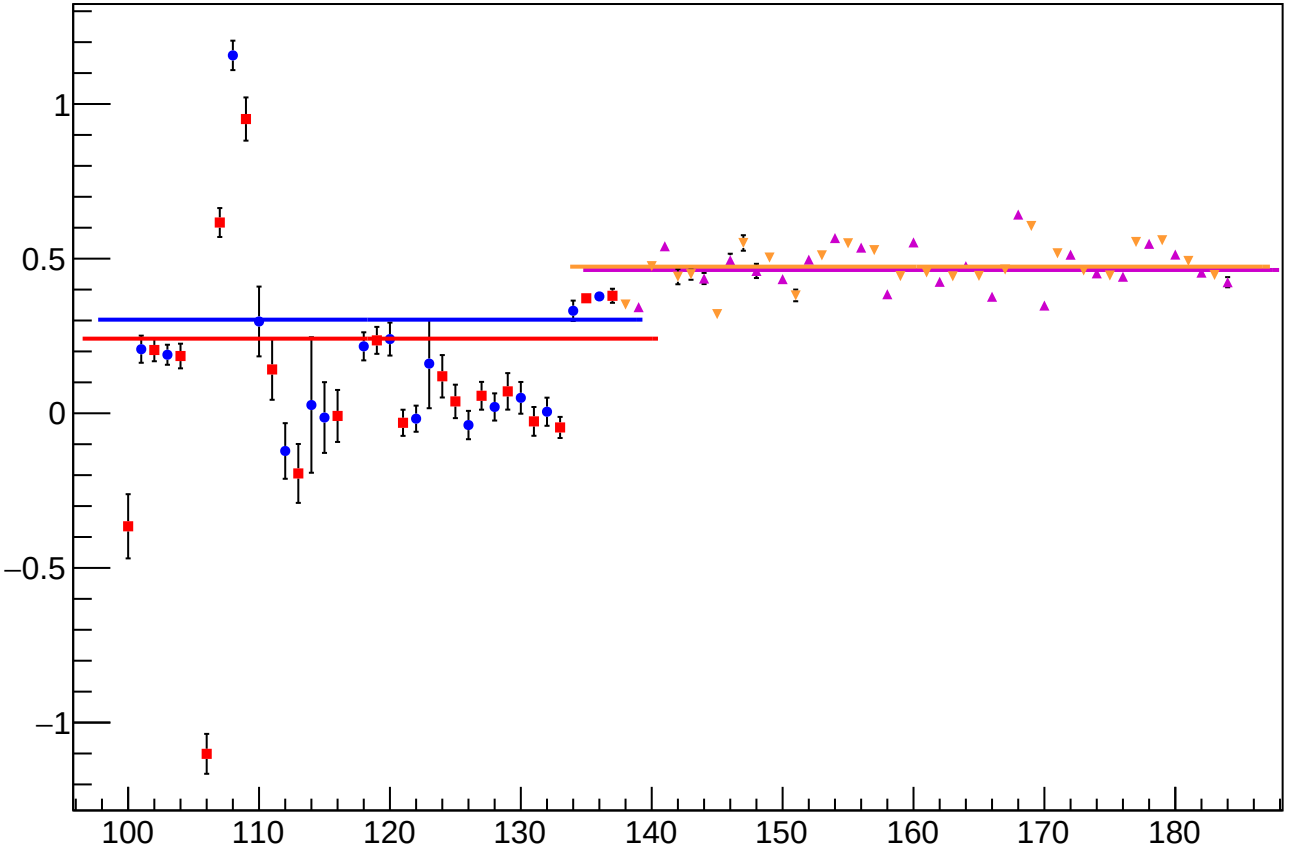
Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 10.747+/-0.058 χ^2/NDF:7299.2/39

Out: 10.862+/-0.058 χ^2/NDF:6447.8/42

All: 10.805+/-0.041 χ^2/NDF: 13748.9/82

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.474+/-0.003 χ^2/NDF:503.6/23

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

Left: 0.469+/-0.002 χ^2/NDF: 1261.0/46

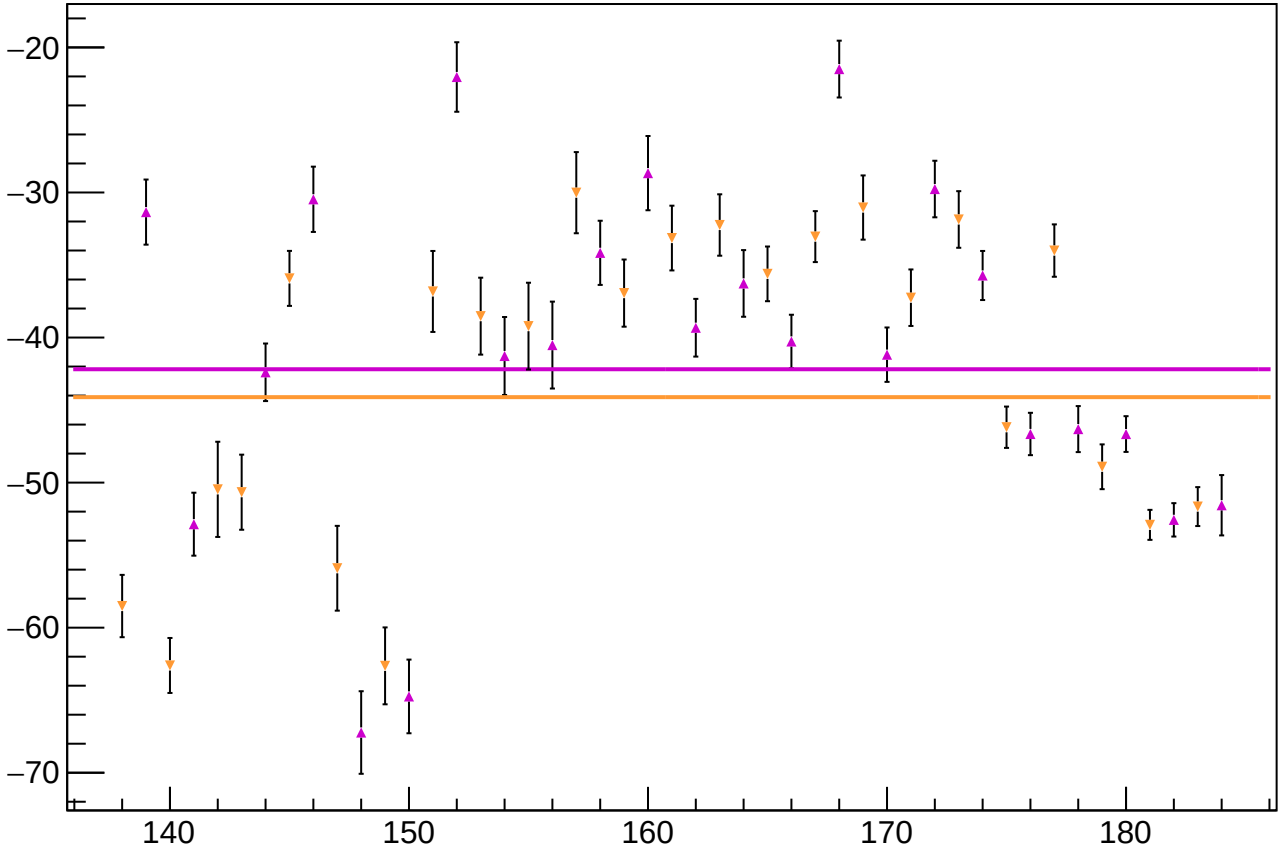
Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.447+/-0.003 χ^2/NDF:1741.7/39

Out: 0.451+/-0.003 χ^2/NDF:2168.5/42

All: 0.449+/-0.002 χ^2/NDF: 3911.6/82

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -44.109+/-0.394 χ^2/NDF:632.5/23

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

Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

Left: -43.156+/-0.280 χ^2/NDF: 1295.4/46

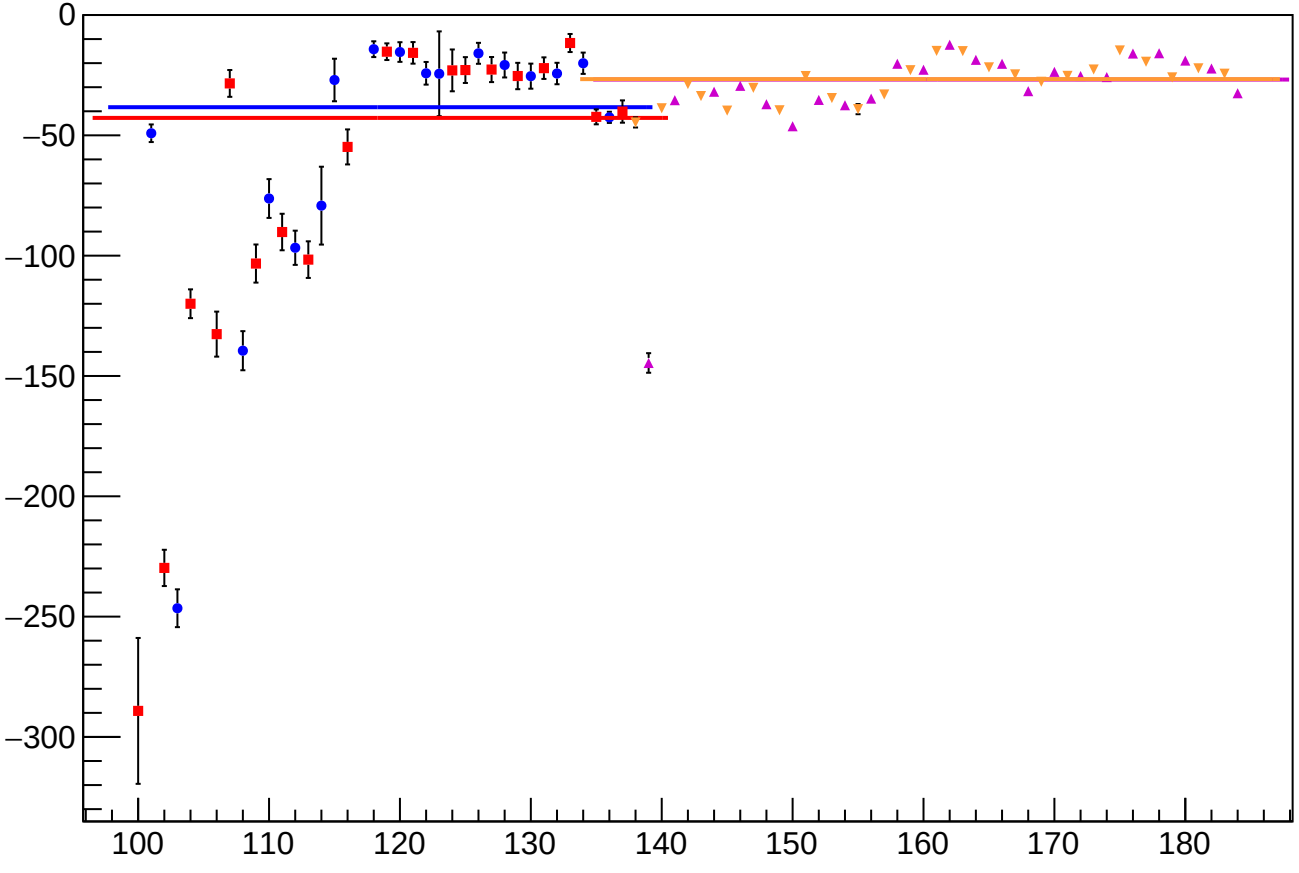
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -42.185+/-0.398 χ^2/NDF:651.0/22

Out: -44.109+/-0.394 χ^2/NDF:632.5/23

All: -43.156+/-0.280 χ^2/NDF: 1295.4/46

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -26.642+/-0.320 χ^2/NDF:604.5/23

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

Left: -26.732+/-0.228 χ^2/NDF: 2086.2/46

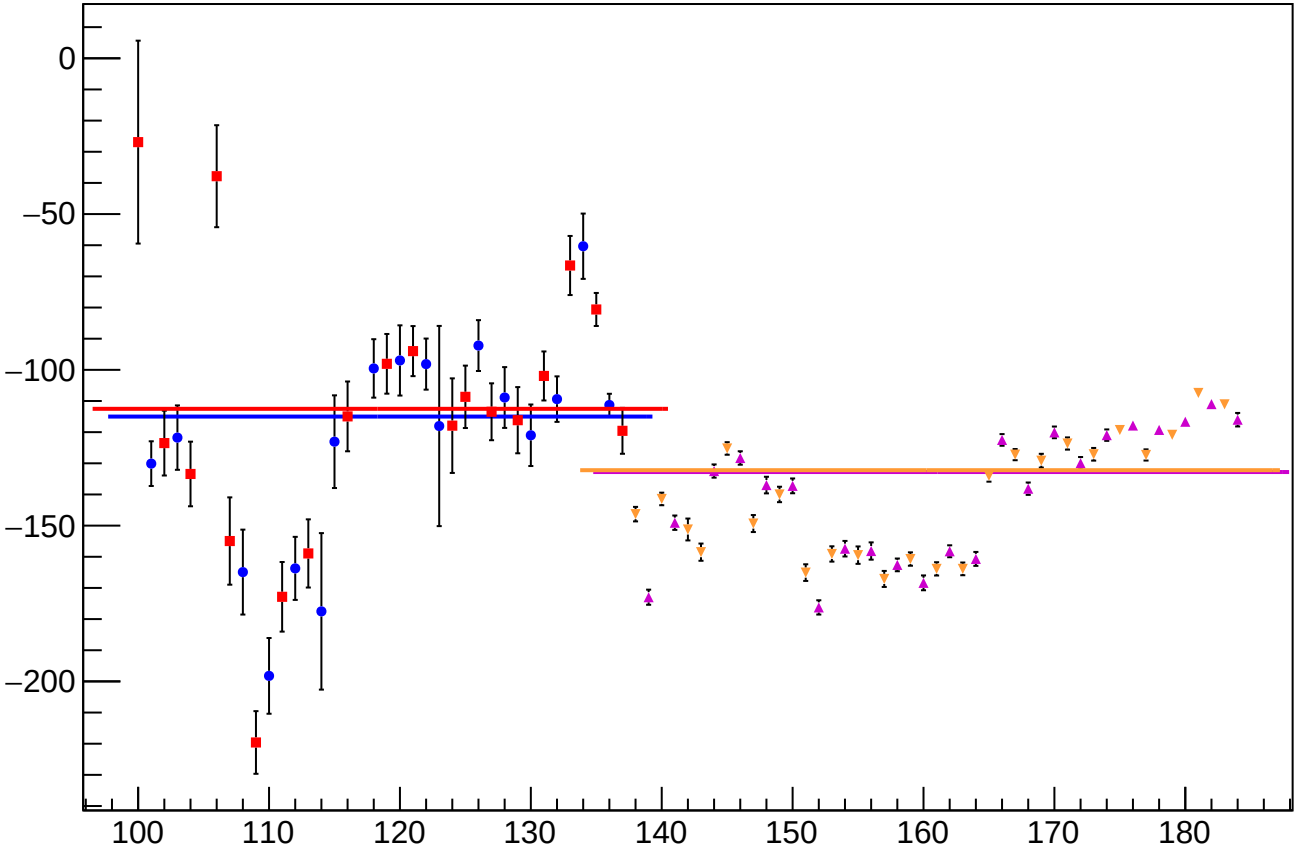
Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -27.695+/-0.313 χ^2/NDF:2708.5/39

Out: -27.696+/-0.310 χ^2/NDF:2111.6/42

All: -27.695+/-0.220 χ^2/NDF: 4820.2/82

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -132.210+/-0.396 χ^2/NDF:2369.6/23

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

Left: -132.503+/-0.281 χ^2/NDF: 4886.6/46

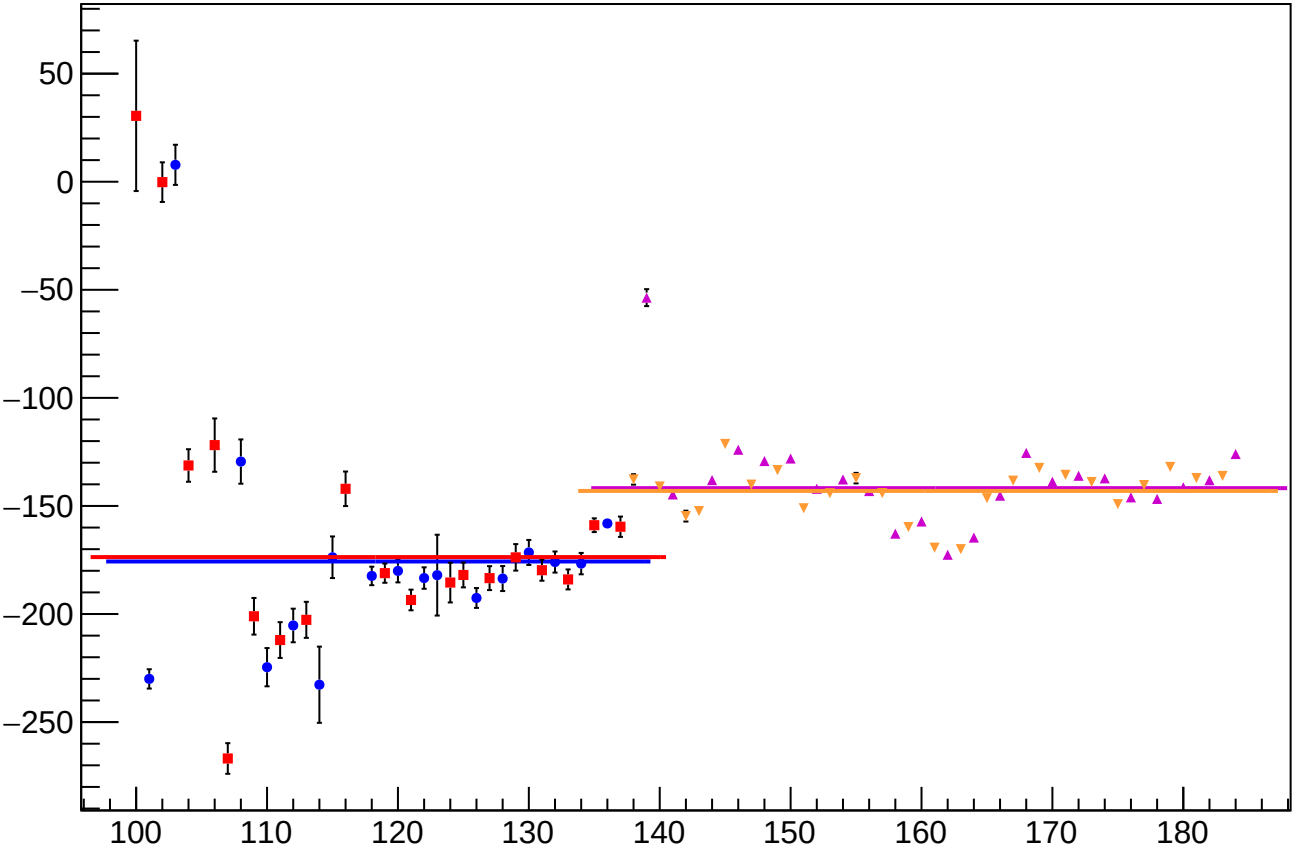
Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -132.165+/-0.391 χ^2/NDF:2728.8/39

Out: -131.594+/-0.390 χ^2/NDF:2720.0/42

All: -131.879+/-0.276 χ^2/NDF: 5449.9/82

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -143.055+/-0.359 χ^2/NDF:1040.3/23

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

Left: -142.419+/-0.255 χ^2/NDF: 2651.0/46

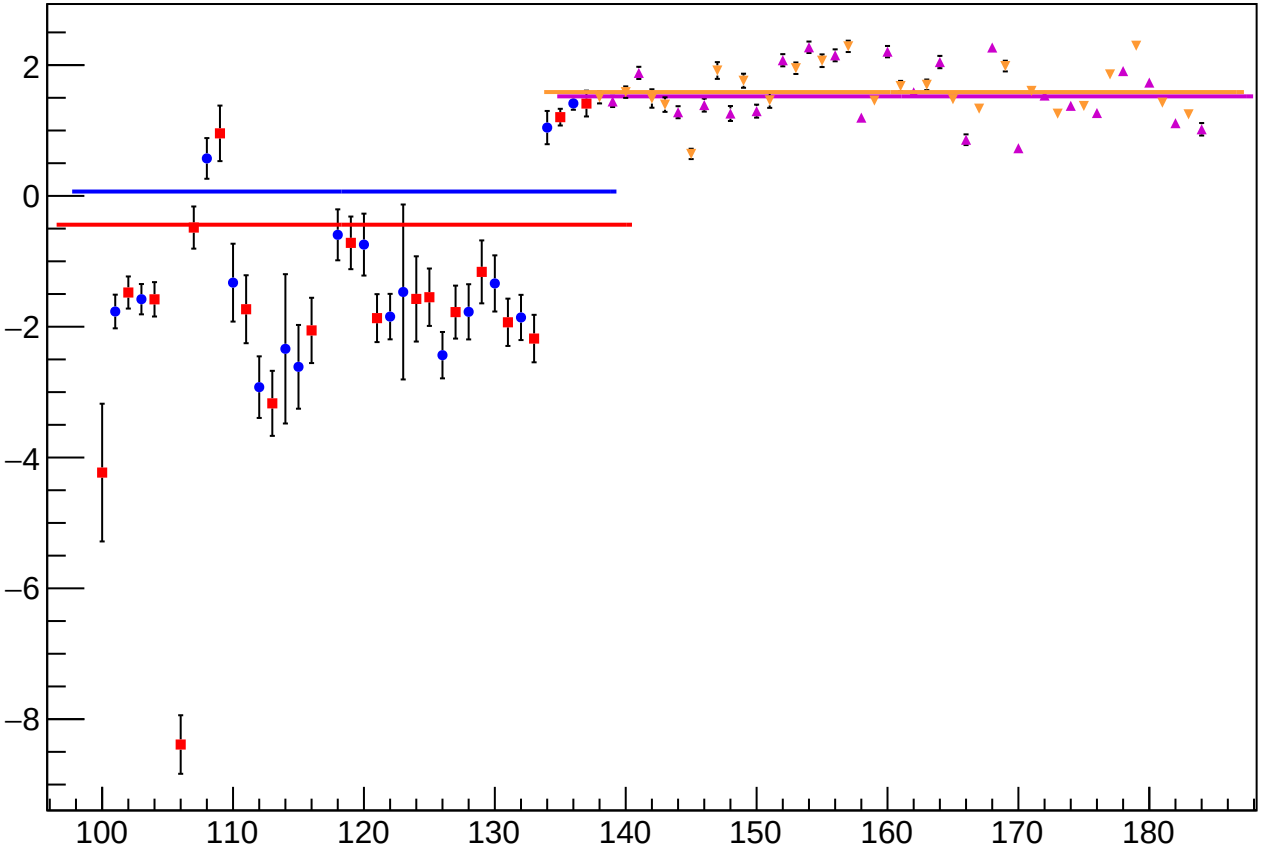
Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -144.336+/-0.349 χ^2/NDF:2959.5/39

Out: -145.056+/-0.347 χ^2/NDF:2254.4/42

All: -144.698+/-0.246 χ^2/NDF: 5216.0/82

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.588+/-0.016 χ^2/NDF:491.5/23

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

Left: 1.555+/-0.012 χ^2/NDF: 1238.6/46

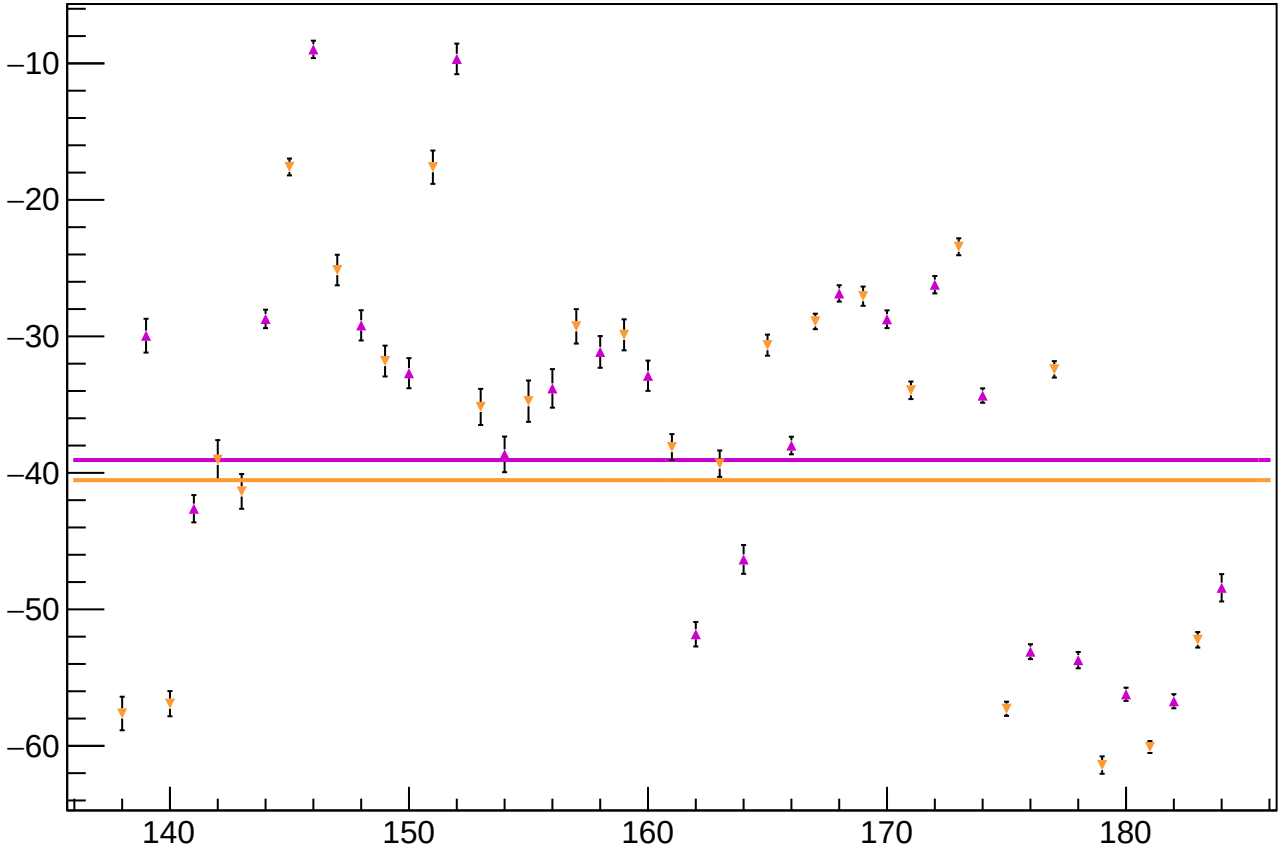
Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 1.439+/-0.016 χ^2/NDF:1710.6/39

Out: 1.485+/-0.016 χ^2/NDF:2018.5/42

All: 1.462+/-0.011 χ^2/NDF: 3733.0/82

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -40.533+/-0.155 χ^2/NDF:9231.4/23

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

Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

Left: -39.790+/-0.109 χ^2/NDF: 17853.8/46

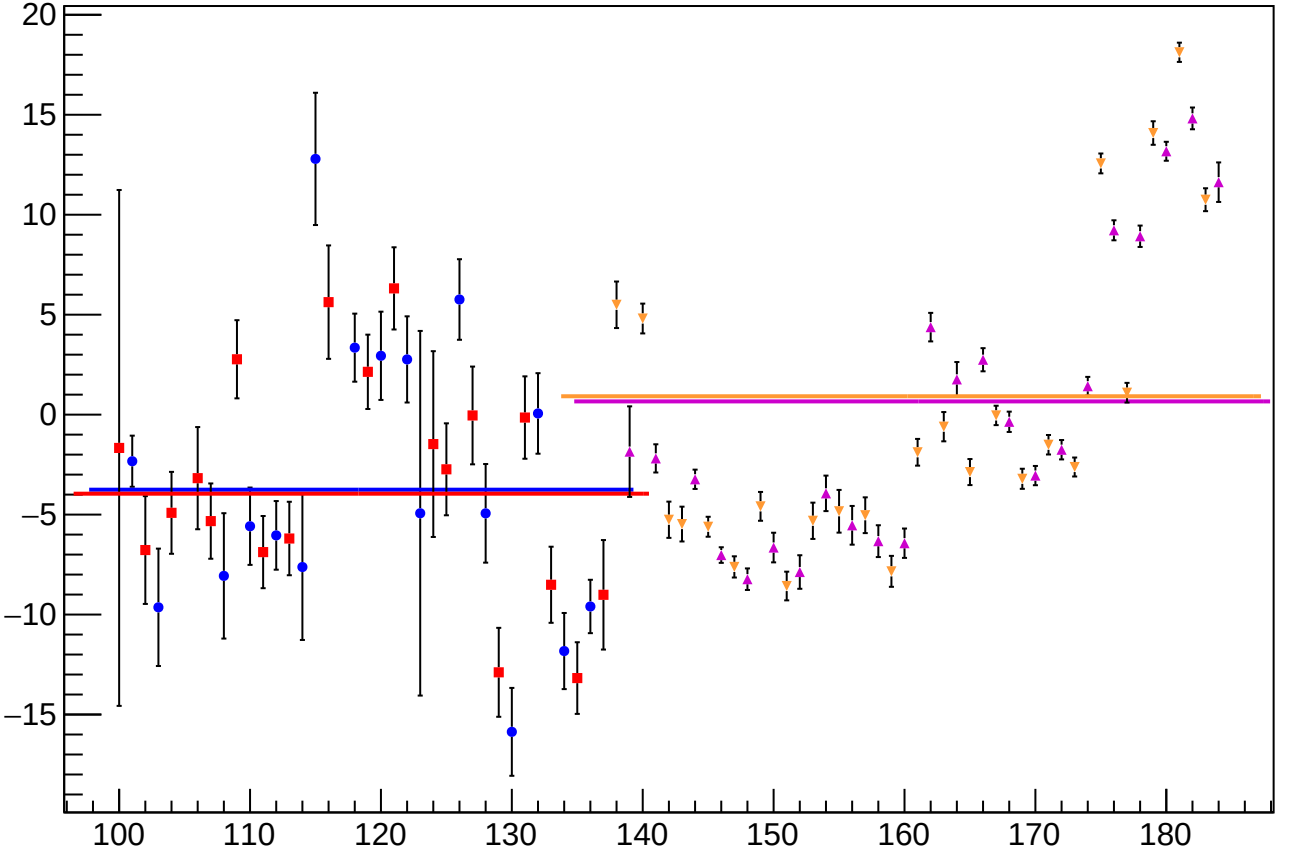
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -39.060+/-0.154 χ^2/NDF:8577.0/22

Out: -40.533+/-0.155 χ^2/NDF:9231.4/23

All: -39.790+/-0.109 χ^2/NDF: 17853.8/46

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: 0.919+/-0.126 χ^2/NDF:3885.9/23

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

Left: 0.789+/-0.088 χ^2/NDF: 7229.0/46

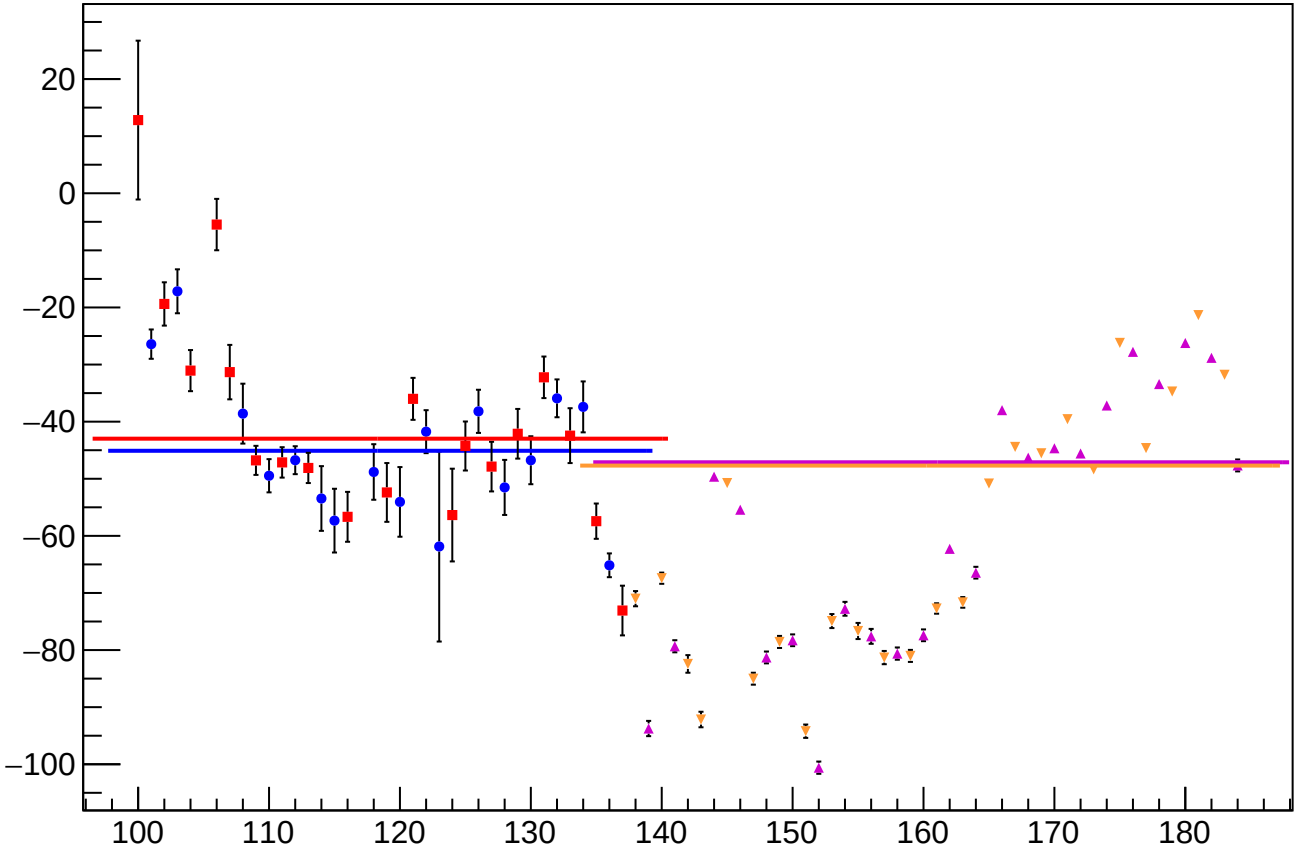
Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: 0.401+/-0.120 χ^2/NDF:3581.1/39

Out: 0.637+/-0.122 χ^2/NDF:4096.3/42

All: 0.517+/-0.086 χ^2/NDF: 7679.3/82

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -47.693+/-0.157 χ^2/NDF:16640.7/23

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

Left: -47.399+/-0.110 χ^2/NDF: 32302.4/46

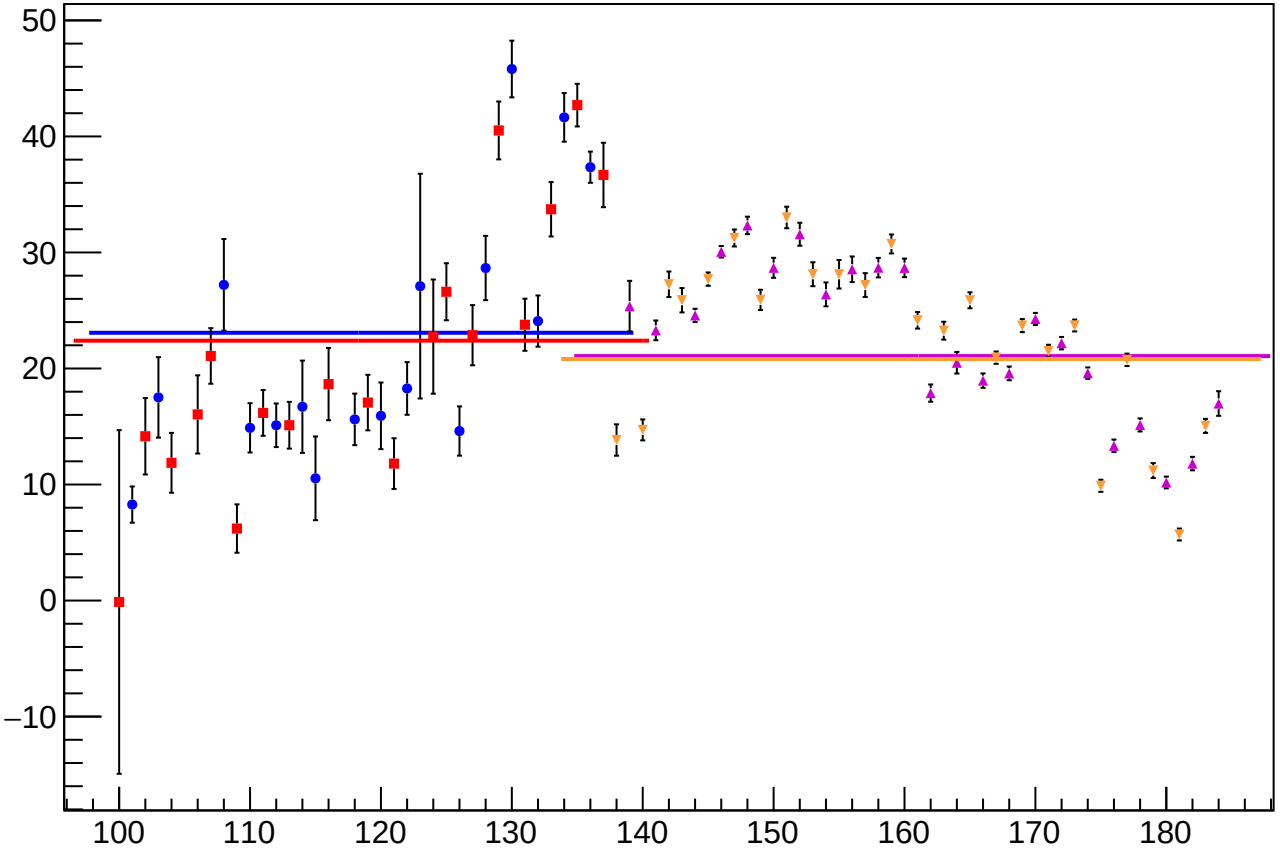
Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -47.052+/-0.152 χ^2/NDF:15889.7/39

Out: -47.548+/-0.154 χ^2/NDF:16917.5/42

All: -47.297+/-0.108 χ^2/NDF: 32812.5/82

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 20.820+/-0.141 χ^2/NDF:2713.4/23

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

Left: 20.946+/-0.099 χ^2/NDF: 4891.7/46

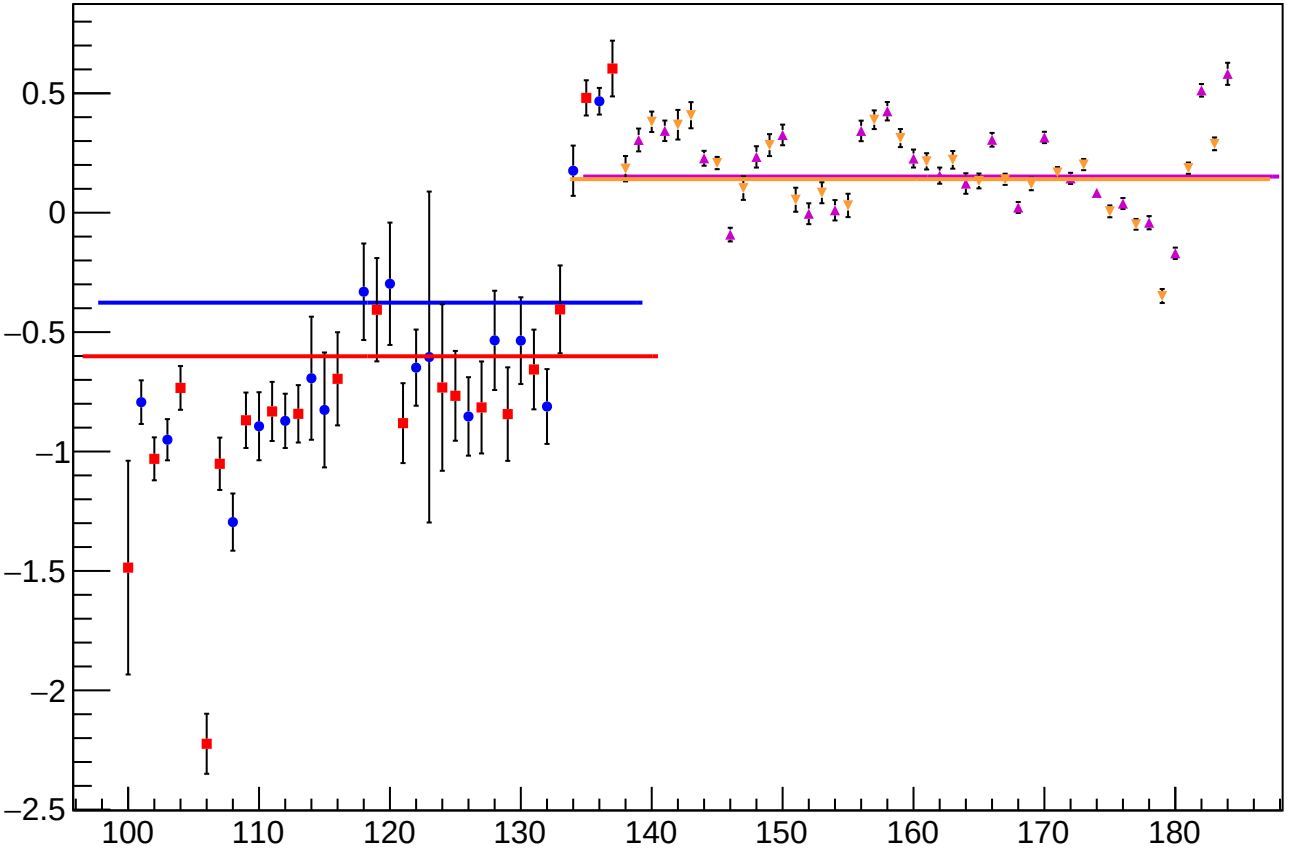
Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 21.187+/-0.135 χ^2/NDF:2650.2/39

Out: 20.910+/-0.136 χ^2/NDF:3090.8/42

All: 21.050+/-0.096 χ^2/NDF: 5743.1/82

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.141+/-0.006 χ^2/NDF:587.3/23

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

Left: 0.146+/-0.005 χ^2/NDF: 1462.7/46

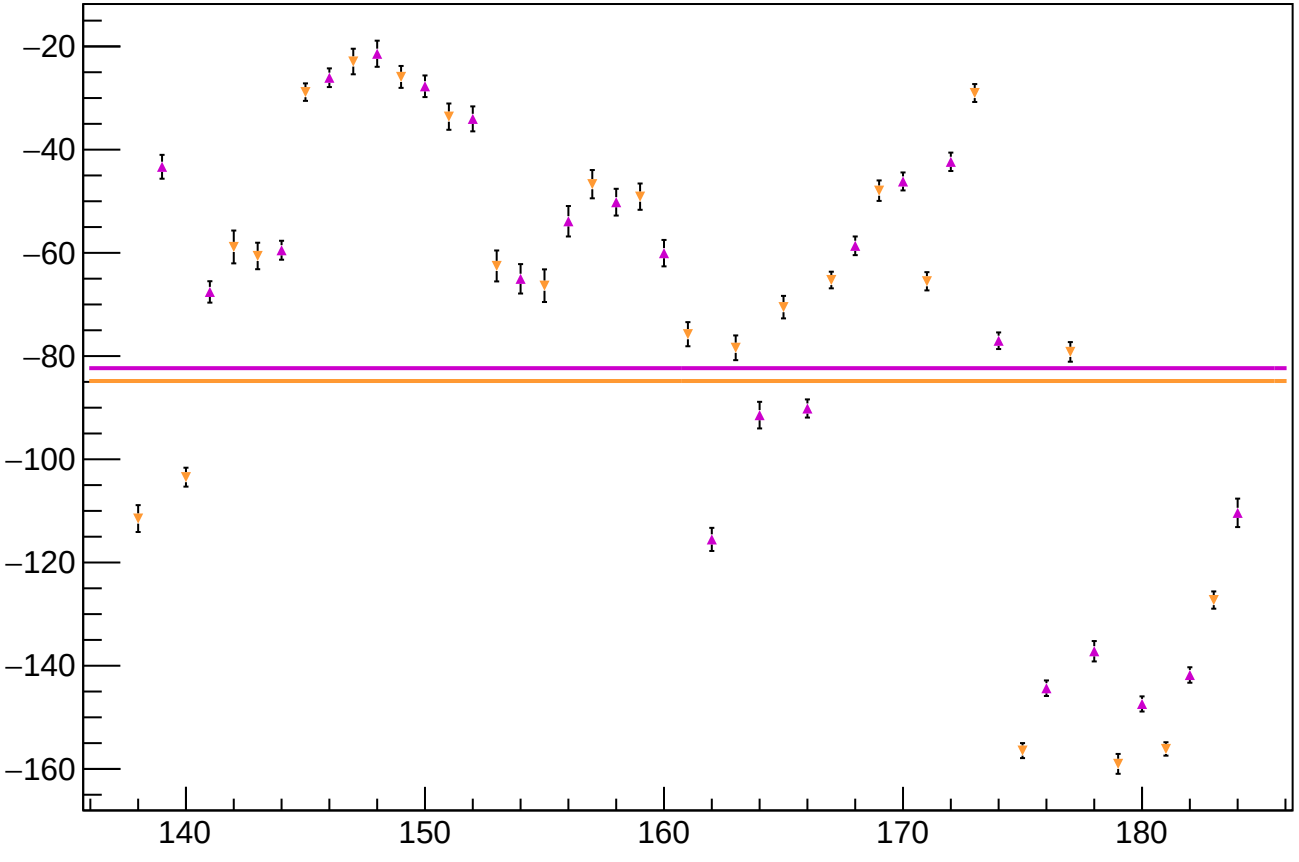
Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.129+/-0.006 χ^2/NDF:1606.2/39

Out: 0.108+/-0.006 χ^2/NDF:1721.0/42

All: 0.119+/-0.004 χ^2/NDF: 3332.4/82

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -84.832+/-0.411 χ^2/NDF:13011.0/23

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

Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

Left: -83.592+/-0.291 χ^2/NDF: 23984.2/46

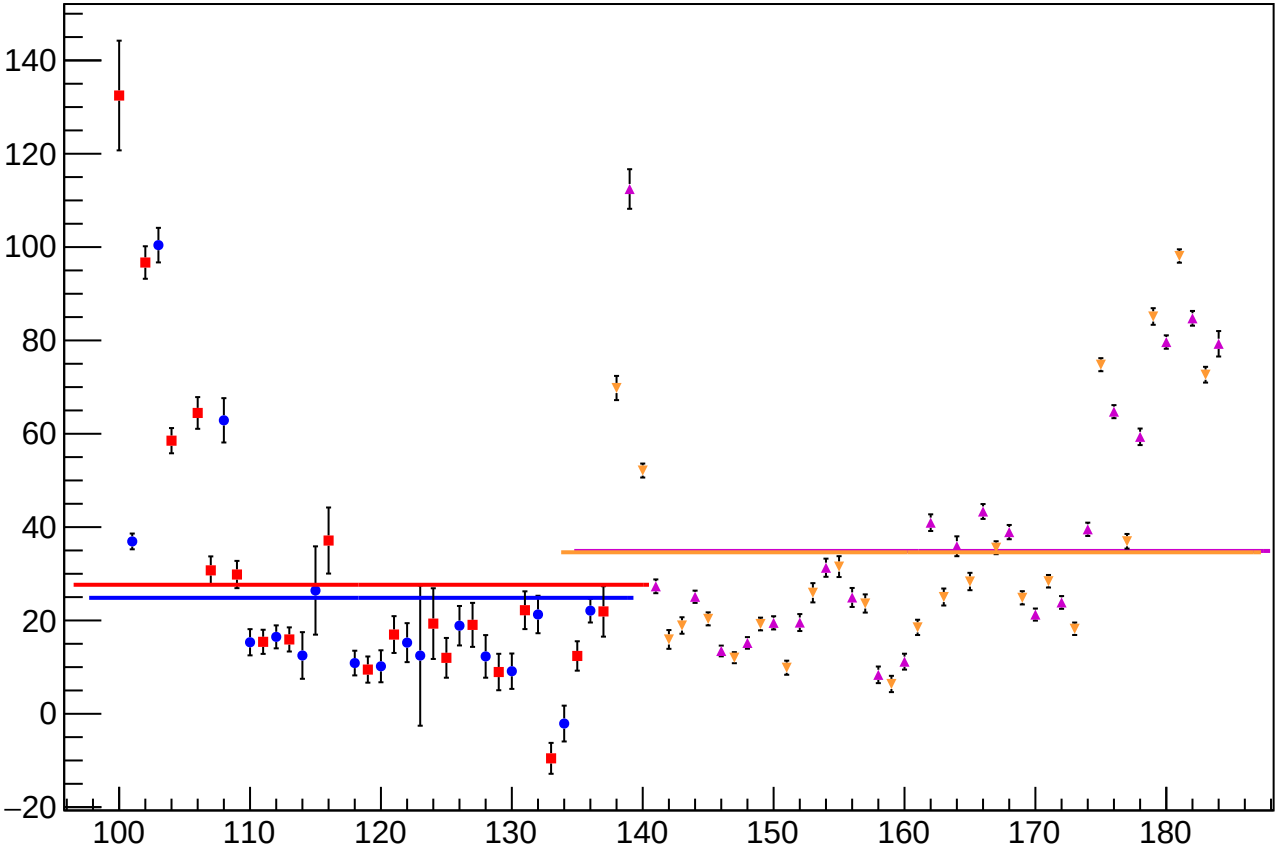
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -82.342+/-0.413 χ^2/NDF:10954.9/22

Out: -84.832+/-0.411 χ^2/NDF:13011.0/23

All: -83.592+/-0.291 χ^2/NDF: 23984.2/46

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 34.607+/-0.324 χ^2/NDF:6111.1/23

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

Left: 34.748+/-0.230 χ^2/NDF: 10866.1/46

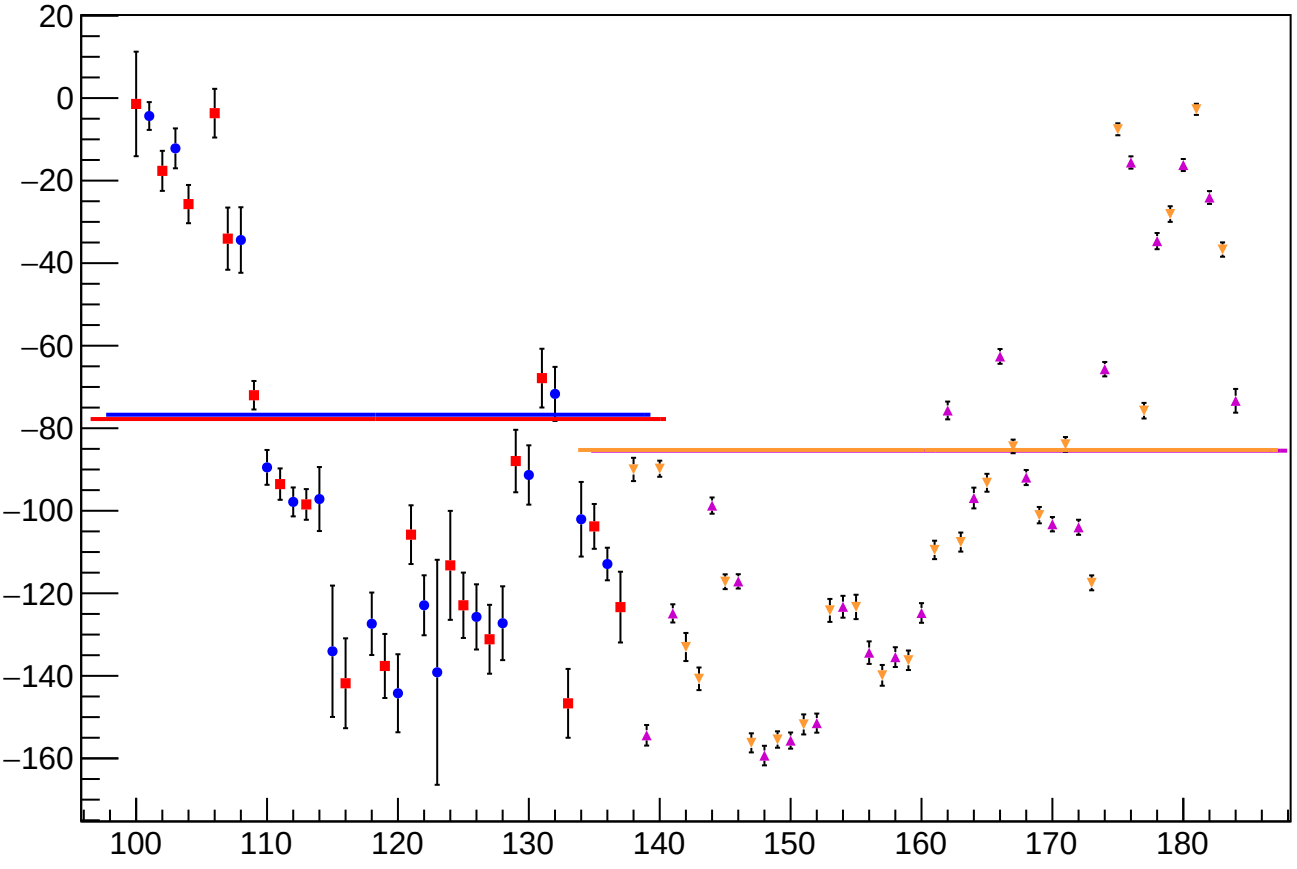
Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 33.448+/-0.304 χ^2/NDF:5580.1/39

Out: 33.650+/-0.301 χ^2/NDF:7183.9/42

All: 33.550+/-0.214 χ^2/NDF: 12764.2/82

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -85.269+/-0.413 χ^2/NDF:14061.7/23

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

Left: -85.355+/-0.292 χ^2/NDF: 27060.7/46

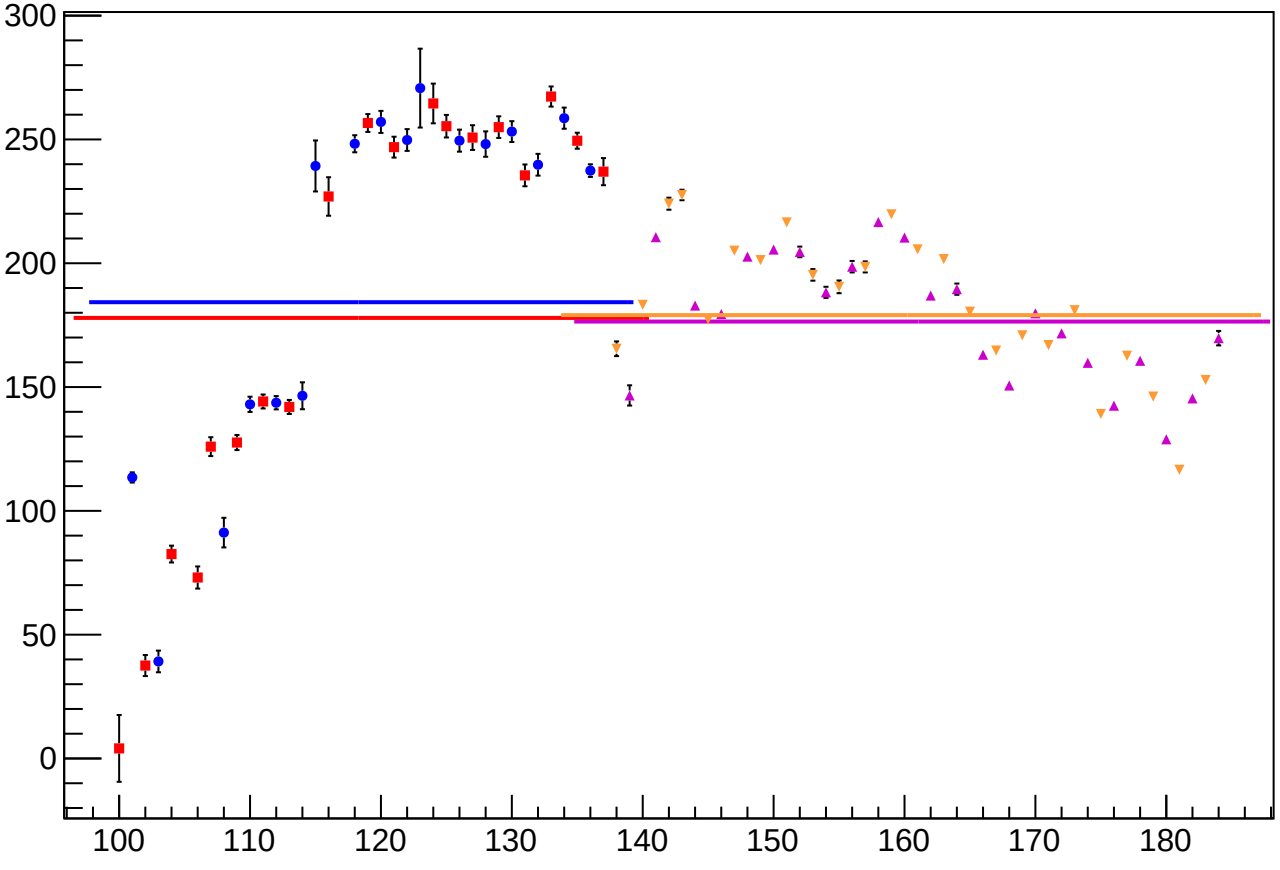
Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -84.754+/-0.396 χ^2/NDF:14076.0/39

Out: -84.629+/-0.395 χ^2/NDF:14961.6/42

All: -84.691+/-0.280 χ^2/NDF: 29037.6/82

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 179.054+/-0.366 χ^2/NDF:5876.3/23

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

Left: 177.765+/-0.260 χ^2/NDF: 10343.4/46

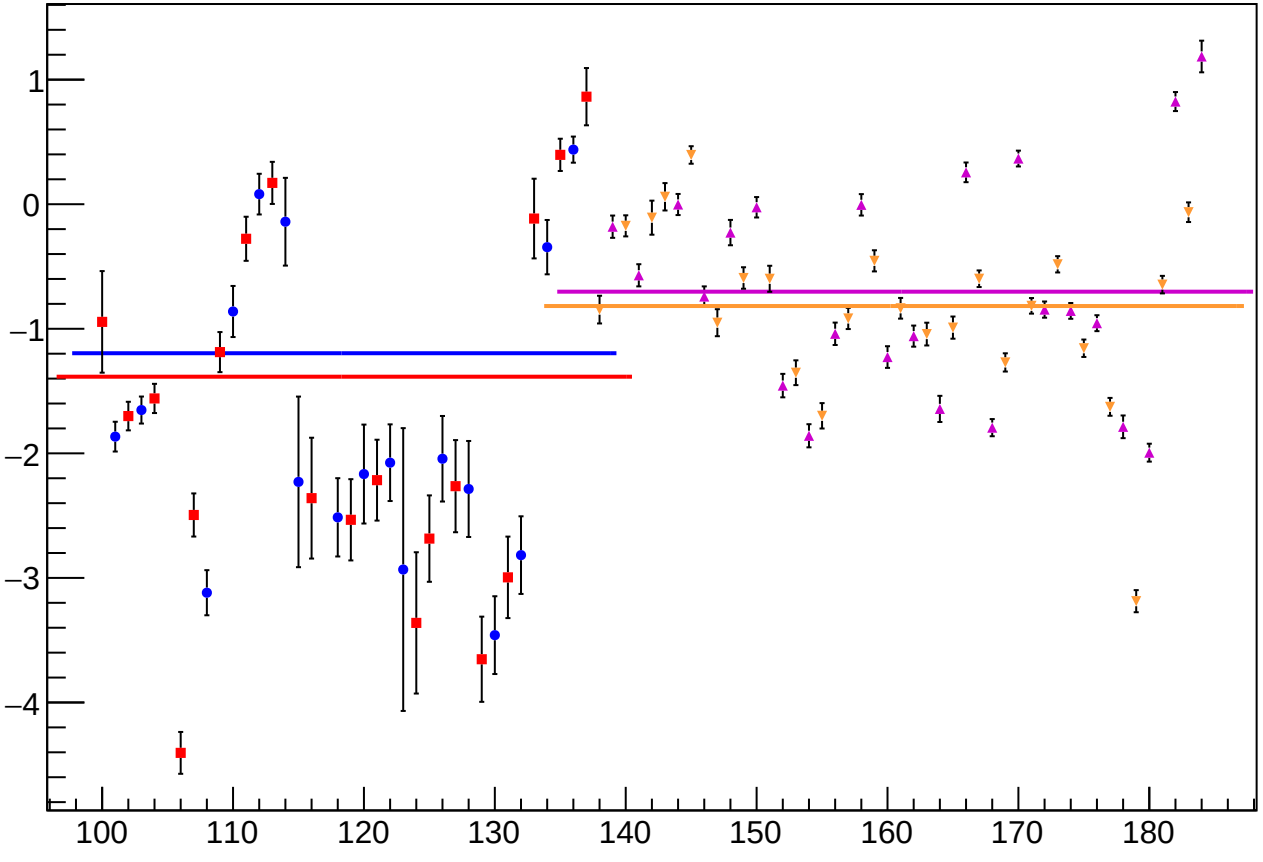
Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 177.549+/-0.343 χ^2/NDF:9906.1/39

Out: 178.902+/-0.340 χ^2/NDF:12208.5/42

All: 178.230+/-0.241 χ^2/NDF: 22122.4/82

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.817+/-0.017 χ^2/NDF:1628.2/23

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

Left: -0.760+/-0.012 χ^2/NDF: 4073.0/46

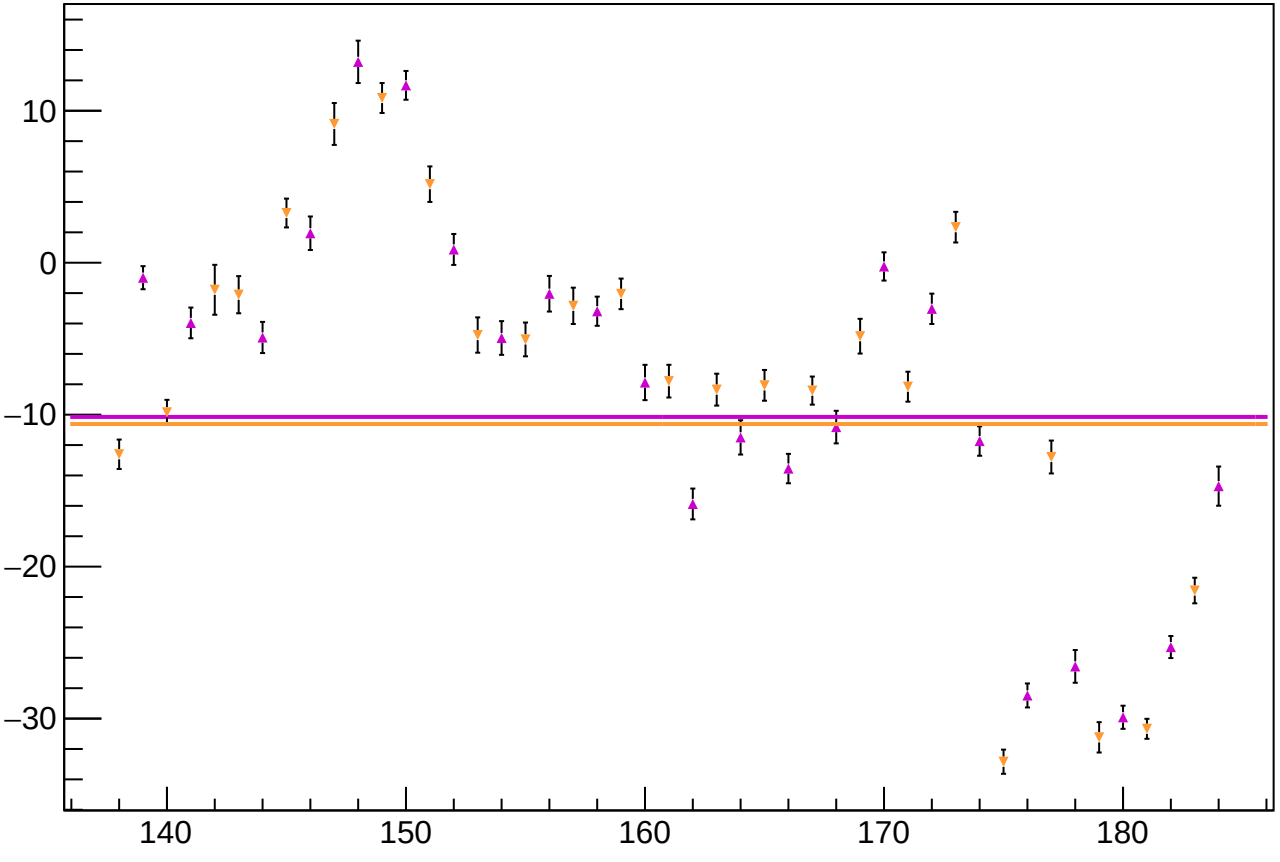
Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.756+/-0.016 χ^2/NDF:3138.5/39

Out: -0.885+/-0.016 χ^2/NDF:2688.0/42

All: -0.821+/-0.011 χ^2/NDF: 5859.6/82

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.615+/-0.204 χ^2/NDF:3855.9/23

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

Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

Left: -10.382+/-0.144 χ^2/NDF: 7350.2/46

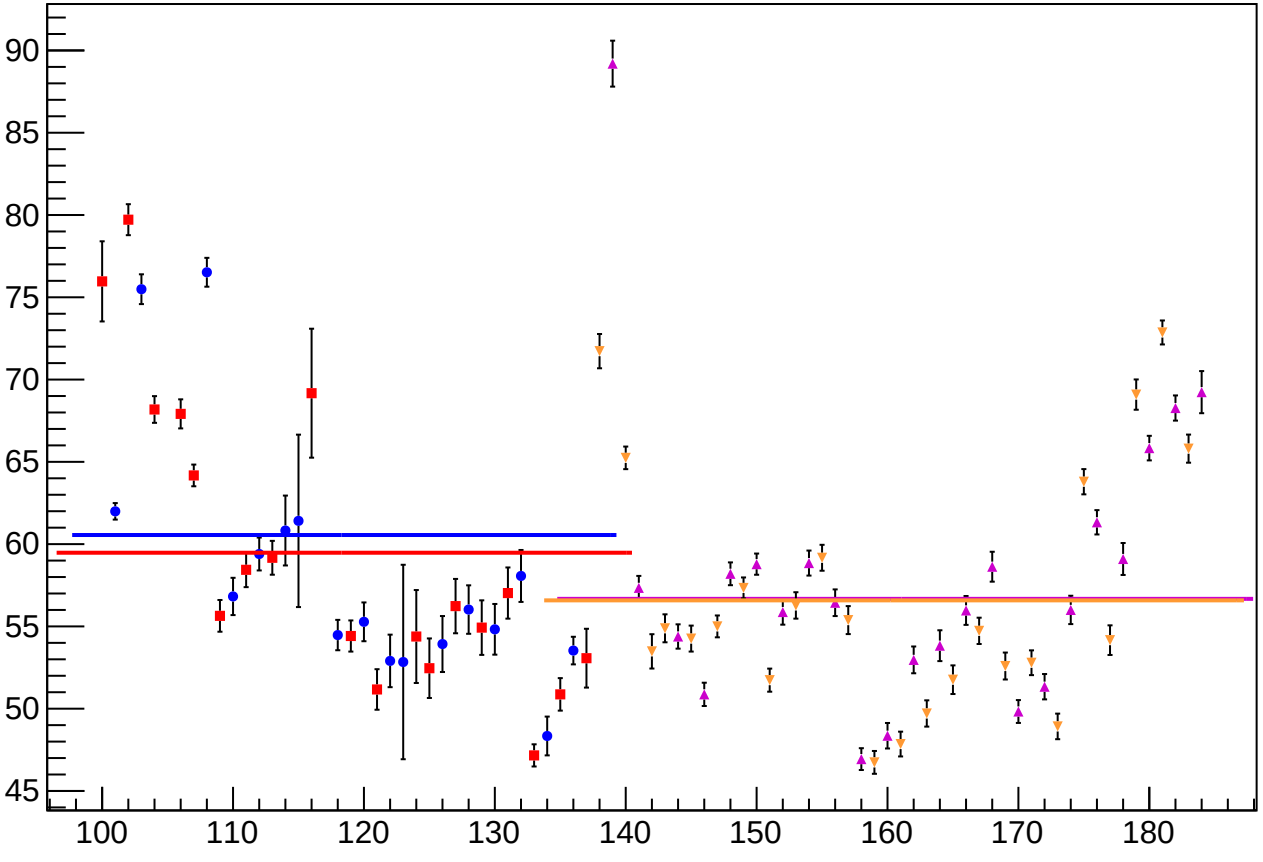
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.149+/-0.204 χ^2/NDF:3491.7/22

Out: -10.615+/-0.204 χ^2/NDF:3855.9/23

All: -10.382+/-0.144 χ^2/NDF: 7350.2/46

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 56.583+/-0.160 χ^2/NDF:1947.9/23

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

Left: 56.627+/-0.115 χ^2/NDF: 3627.9/46

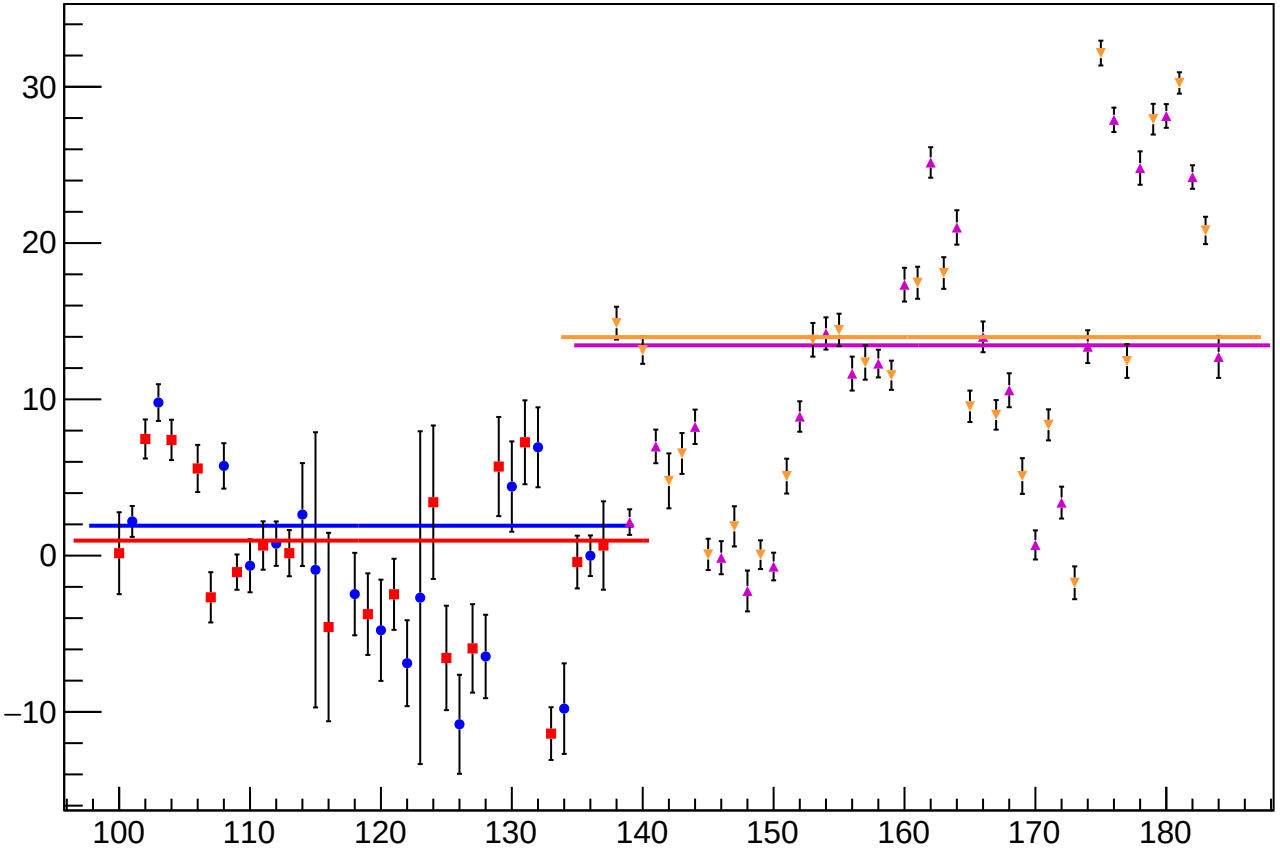
Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 57.775+/-0.139 χ^2/NDF:2768.1/39

Out: 57.437+/-0.135 χ^2/NDF:3361.0/42

All: 57.601+/-0.097 χ^2/NDF: 6132.2/82

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 13.983+/-0.204 χ^2/NDF:2389.8/23

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

Left: 13.719+/-0.144 χ^2/NDF: 4765.0/46

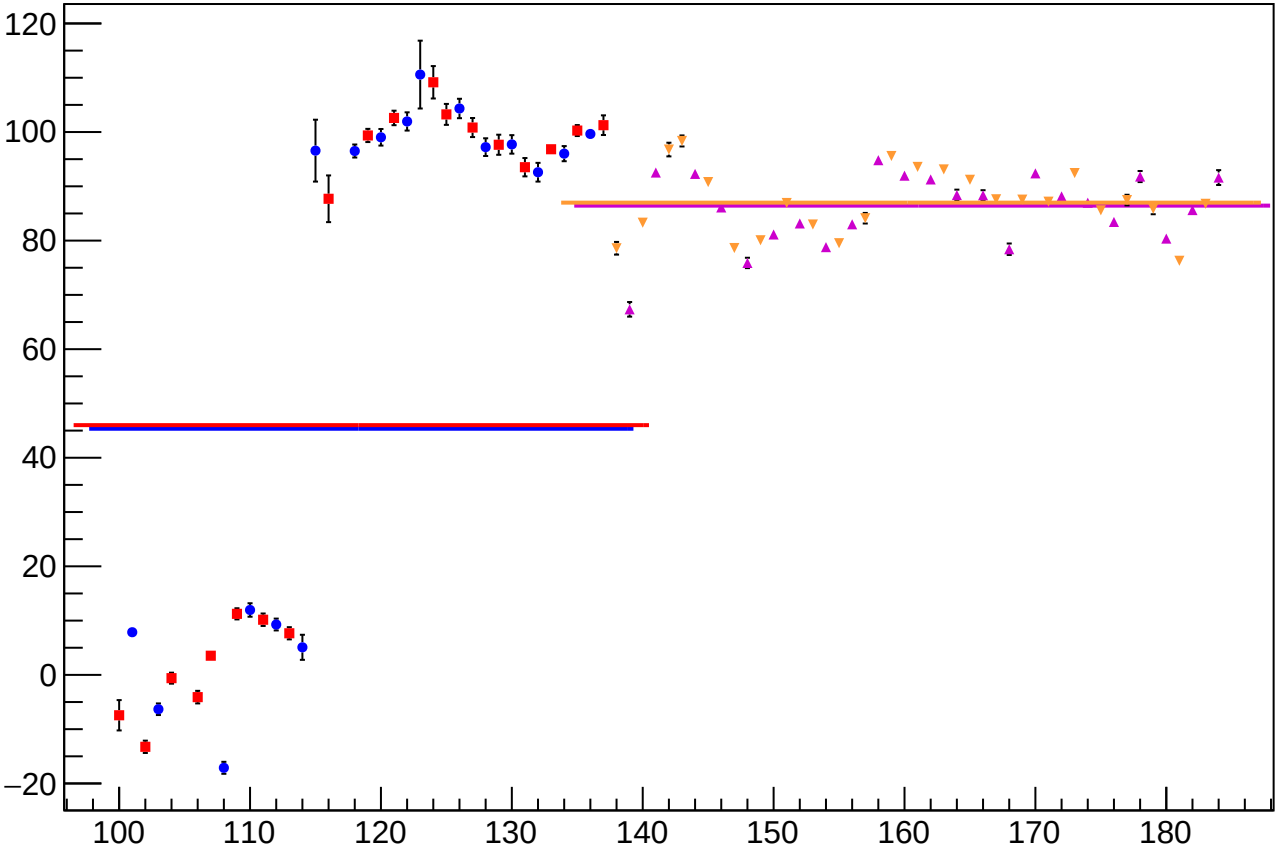
Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 11.558+/-0.186 χ^2/NDF:3024.7/39

Out: 11.544+/-0.184 χ^2/NDF:3305.2/42

All: 11.551+/-0.131 χ^2/NDF: 6329.9/82

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 86.995+/-0.181 χ^2/NDF:1055.7/23

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

Left: 86.724+/-0.129 χ^2/NDF: 2098.9/46

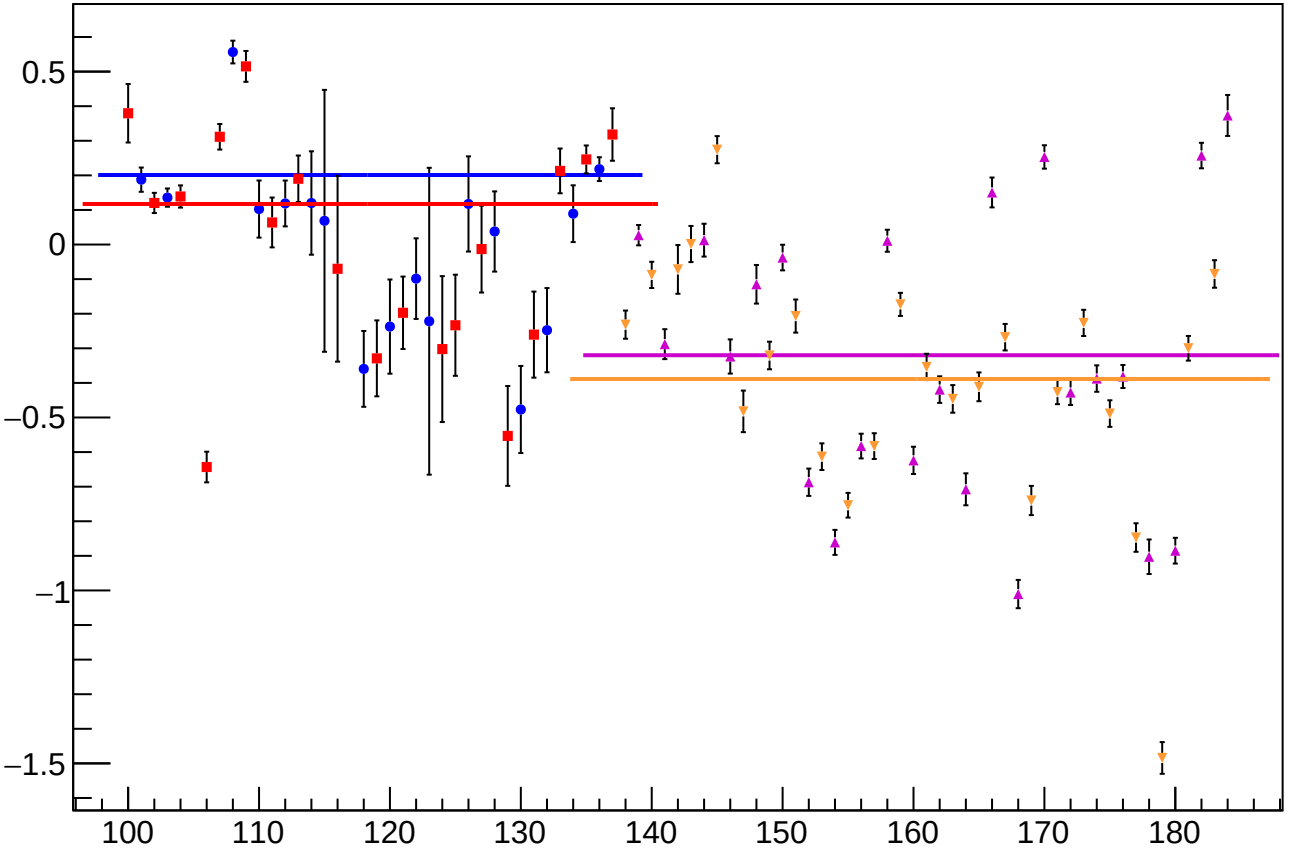
Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 75.384+/-0.157 χ^2/NDF:39536.3/39

Out: 75.476+/-0.153 χ^2/NDF:43691.0/42

All: 75.431+/-0.110 χ^2/NDF: 83227.5/82

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.389+/-0.008 χ^2/NDF:1534.1/23

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

Left: -0.354+/-0.006 χ^2/NDF: 3894.3/46

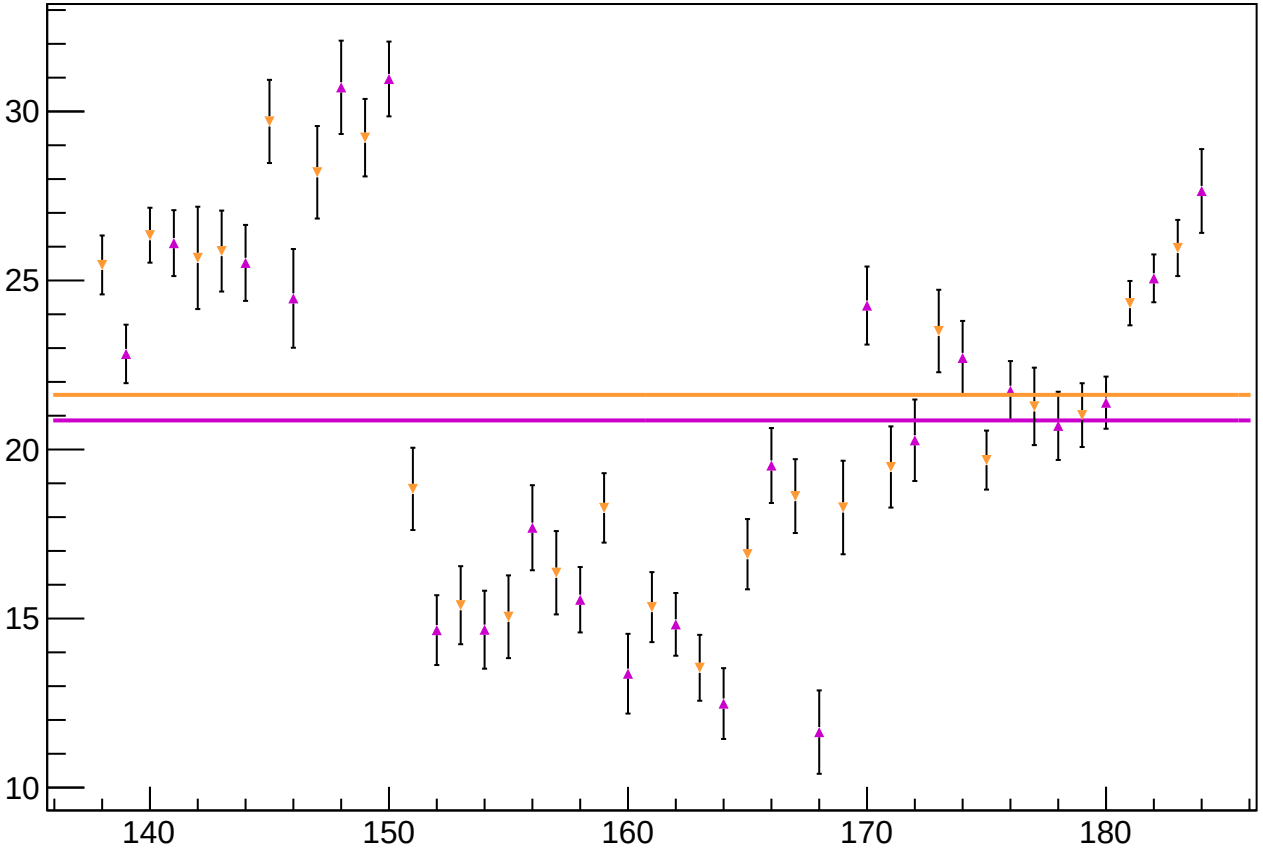
Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: -0.189+/-0.007 χ^2/NDF:3573.7/39

Out: -0.244+/-0.007 χ^2/NDF:3113.3/42

All: -0.217+/-0.005 χ^2/NDF: 6718.3/82

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 21.617+/-0.212 χ^2/NDF:469.9/23

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

Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

Left: 21.244+/-0.151 χ^2/NDF: 1051.7/46

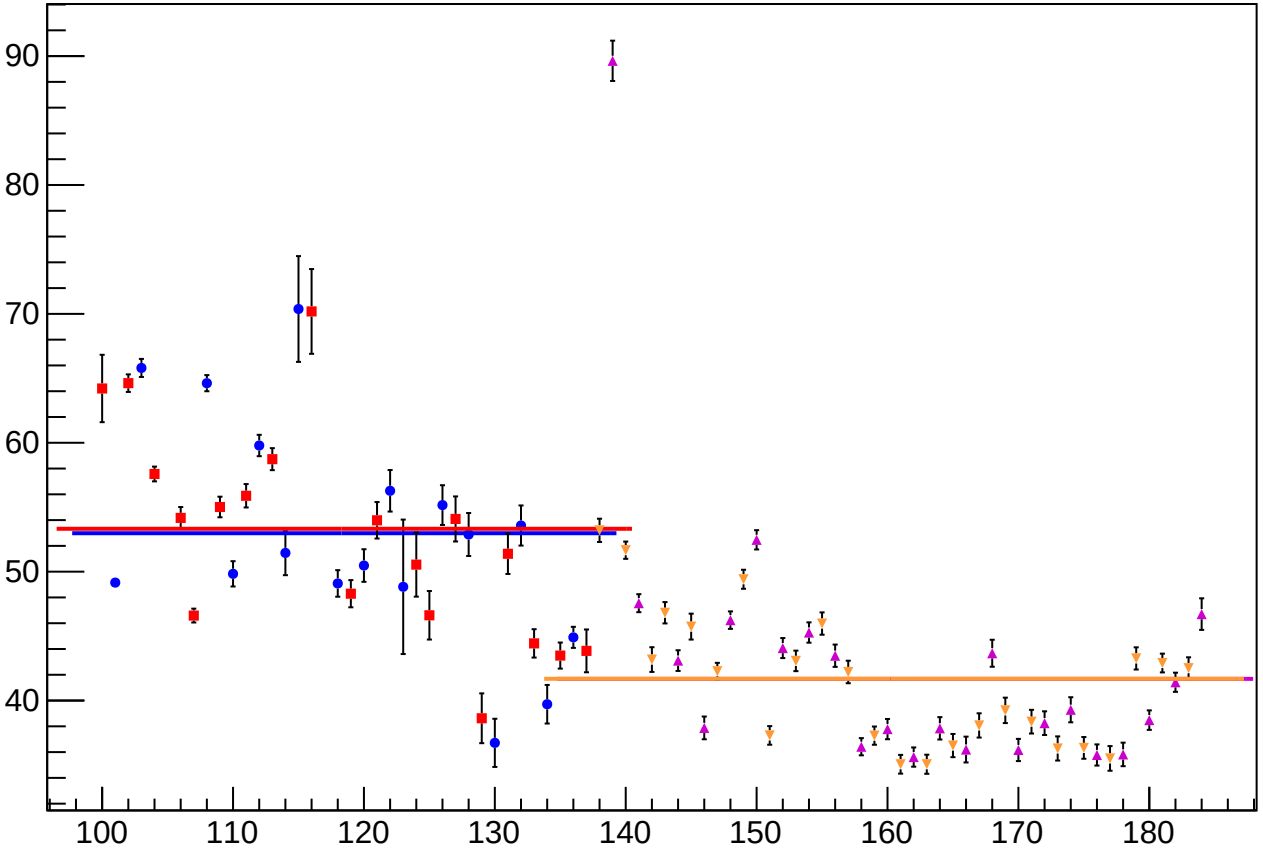
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 20.860+/-0.216 χ^2/NDF:575.5/22

Out: 21.617+/-0.212 χ^2/NDF:469.9/23

All: 21.244+/-0.151 χ^2/NDF: 1051.7/46

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 41.686+/-0.167 χ^2/NDF:1008.3/23

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

Left: 41.684+/-0.120 χ^2/NDF: 2724.1/46

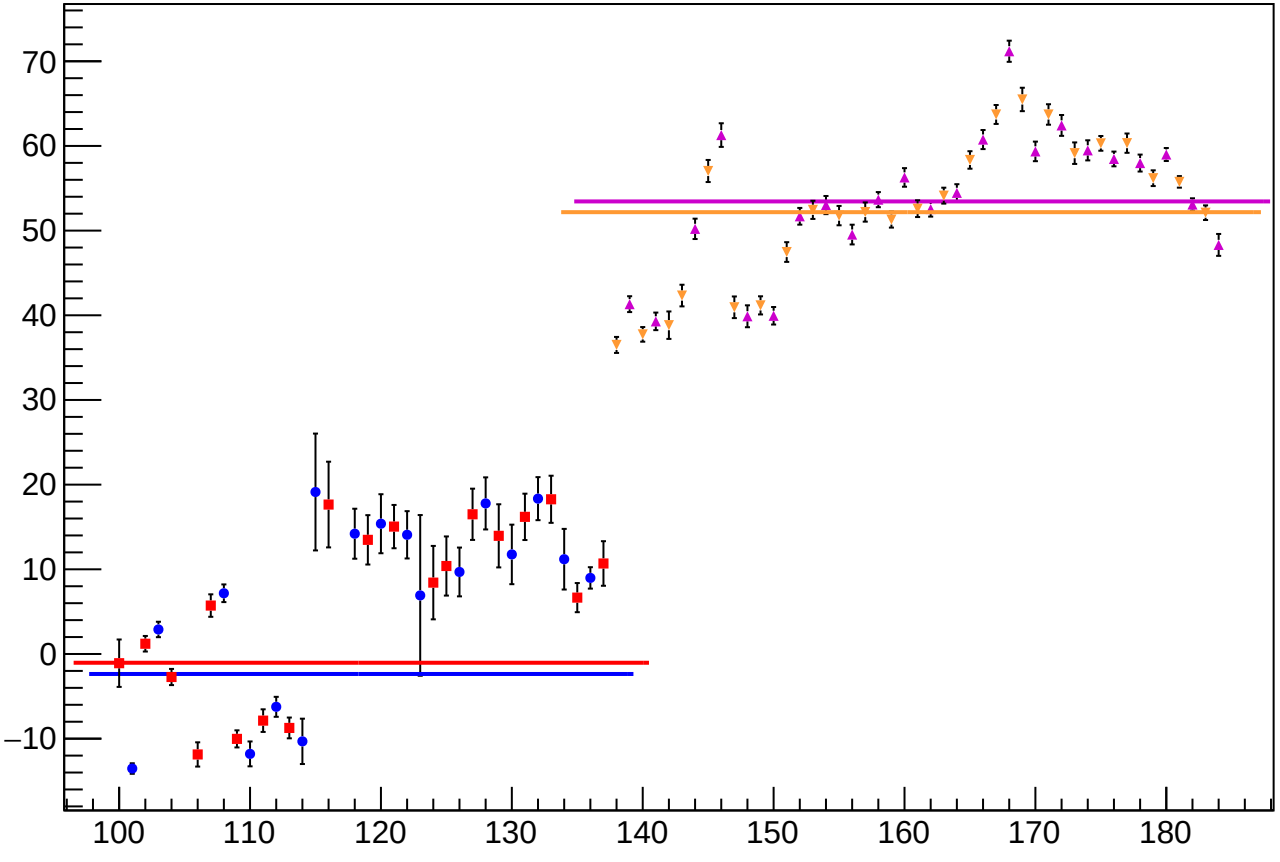
Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 46.259+/-0.134 χ^2/NDF:4633.2/39

Out: 45.781+/-0.134 χ^2/NDF:3590.7/42

All: 46.021+/-0.095 χ^2/NDF: 8230.2/82

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 52.178+/-0.212 χ^2/NDF:1439.8/23

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

Left: 52.806+/-0.151 χ^2/NDF: 2625.1/46

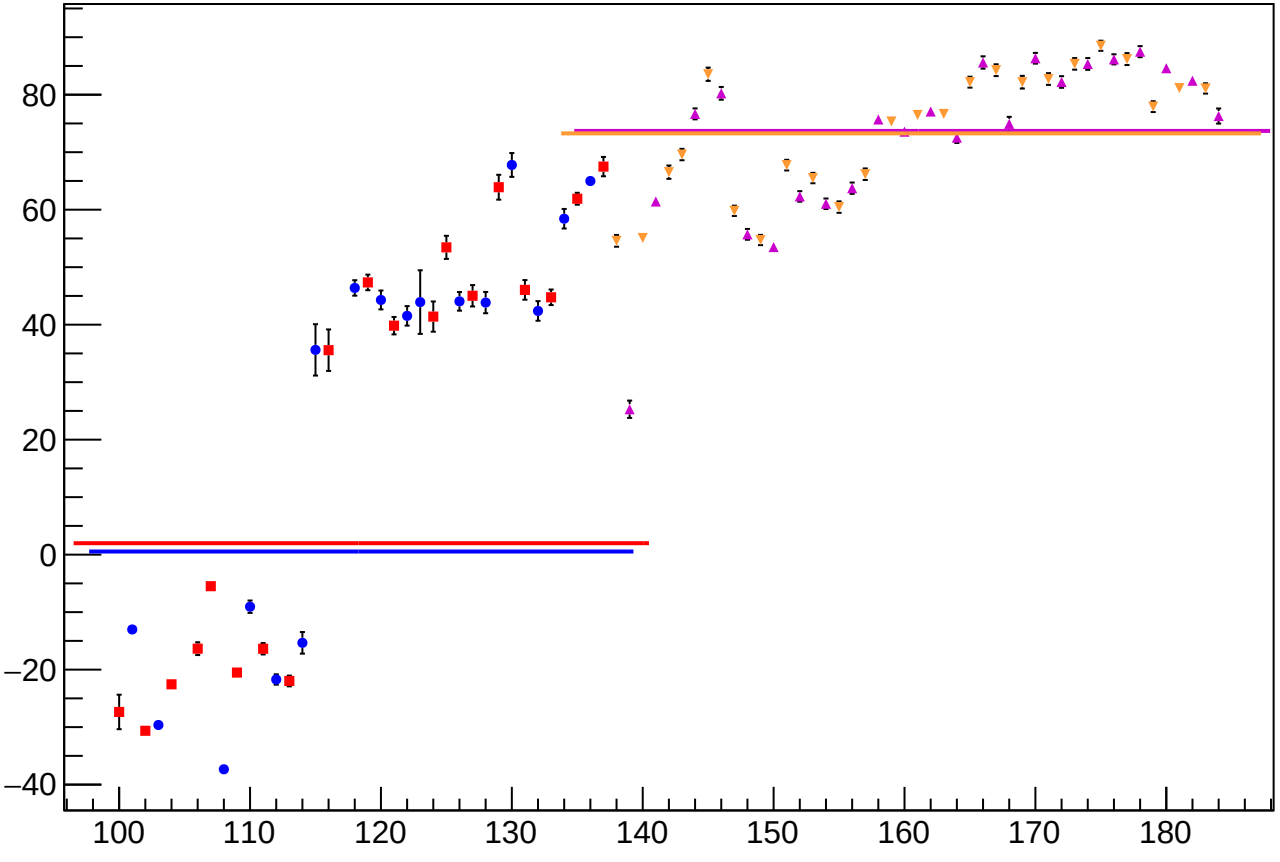
Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 39.060+/-0.185 χ^2/NDF:19472.5/39

Out: 39.380+/-0.185 χ^2/NDF:17086.3/42

All: 39.220+/-0.131 χ^2/NDF: 36560.3/82

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 73.271+/-0.189 χ^2/NDF:3147.2/23

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

Left: 73.479+/-0.135 χ^2/NDF: 7050.8/46

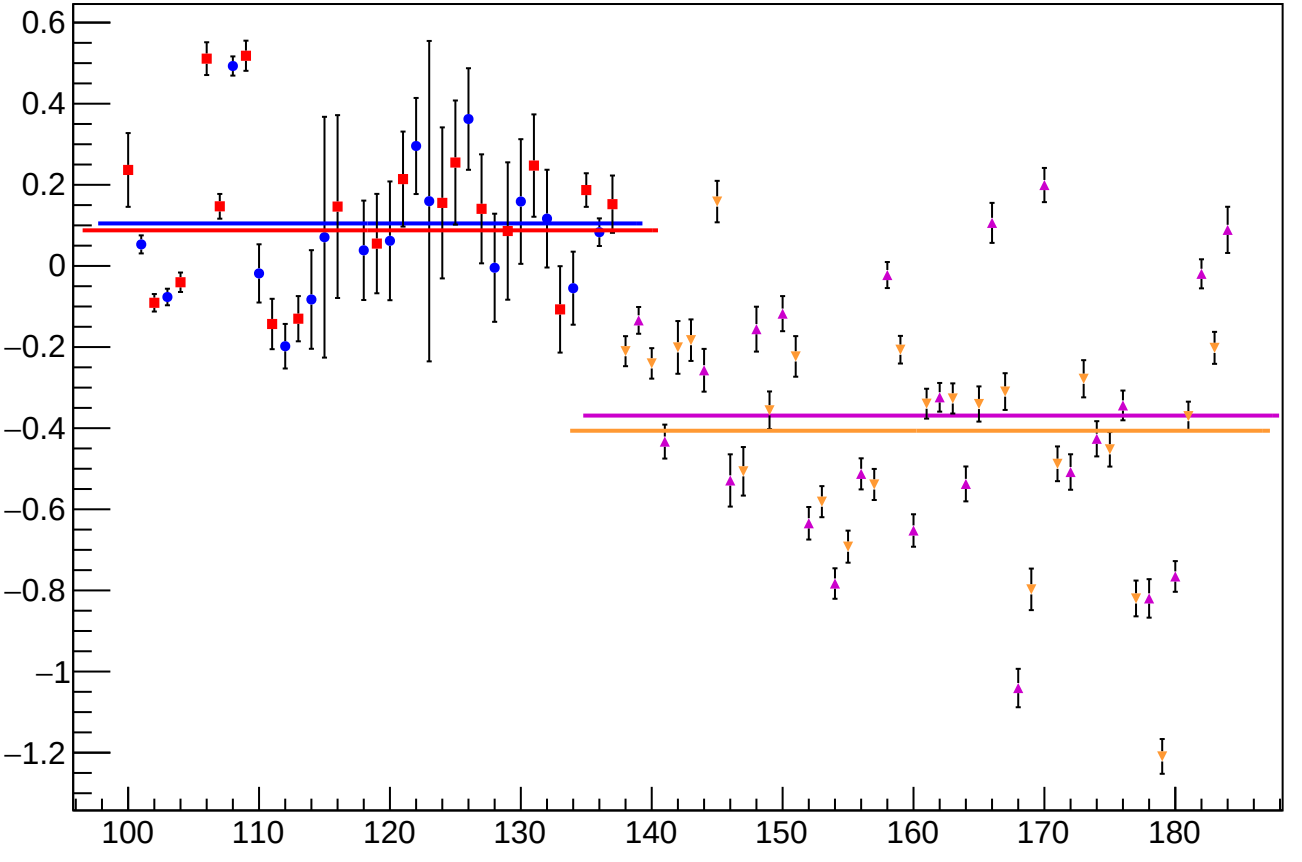
Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 45.771+/-0.152 χ^2/NDF:76690.9/39

Out: 49.463+/-0.154 χ^2/NDF:66263.2/42

All: 47.598+/-0.108 χ^2/NDF: 143244.4/82

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.406+/-0.009 χ^2/NDF:887.9/23

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

Left: -0.388+/-0.006 χ^2/NDF: 2219.9/46

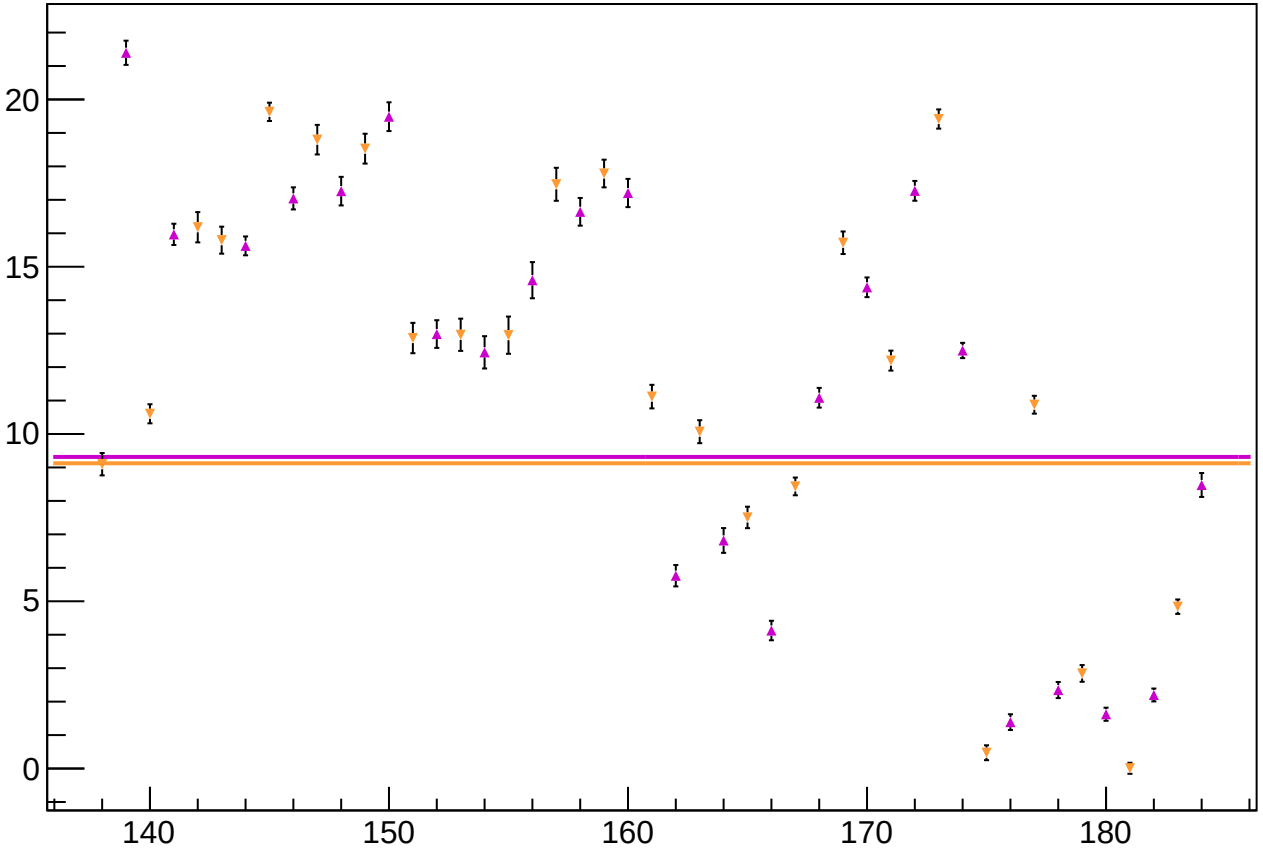
Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: -0.188+/-0.007 χ^2/NDF:2864.5/39

Out: -0.218+/-0.007 χ^2/NDF:2524.9/42

All: -0.203+/-0.005 χ^2/NDF: 5398.6/82

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 9.124+/-0.062 χ^2/NDF:11311.5/23

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

Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

Left: 9.219+/-0.044 χ^2/NDF: 22323.5/46

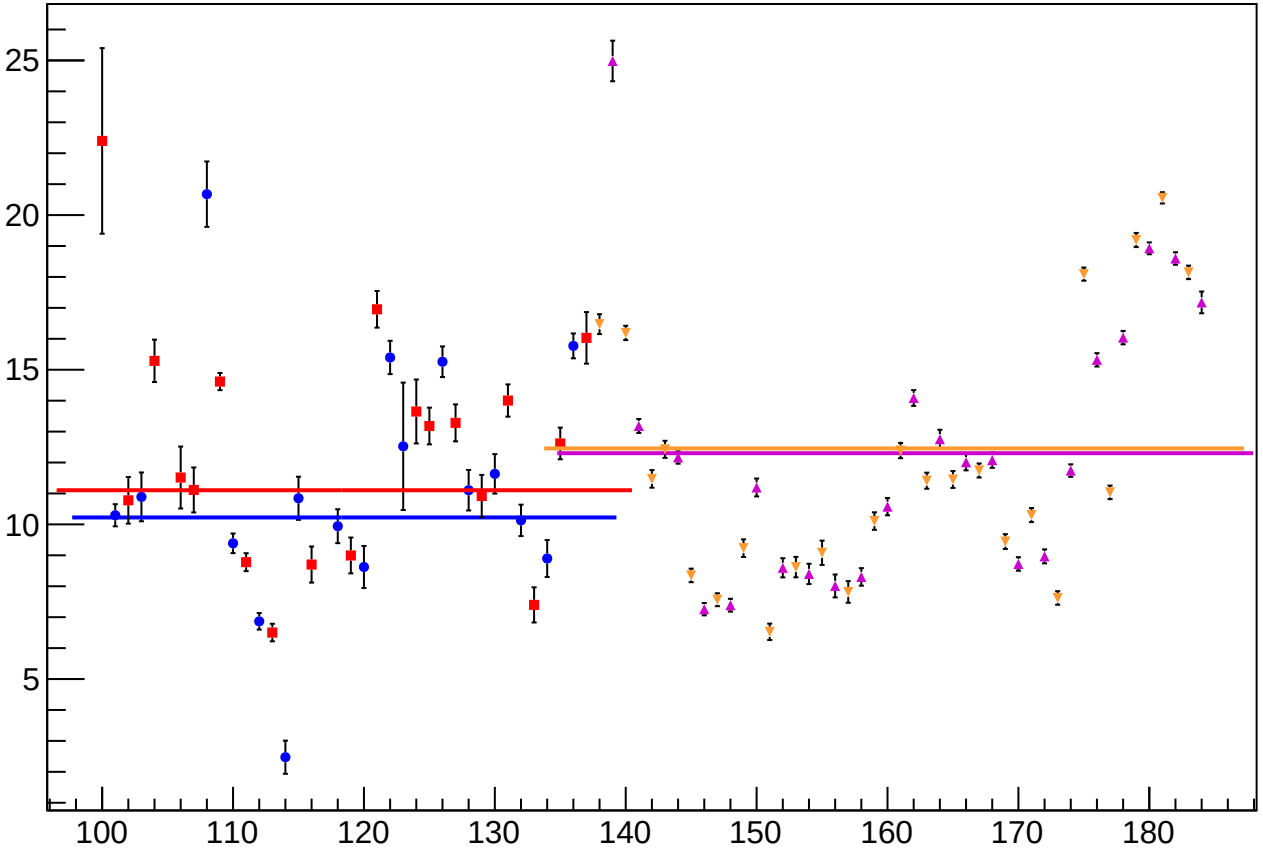
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9.315+/-0.063 χ^2/NDF:11007.3/22

Out: 9.124+/-0.062 χ^2/NDF:11311.5/23

All: 9.219+/-0.044 χ^2/NDF: 22323.5/46

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 12.457+/-0.050 χ^2/NDF:7447.8/23

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

Left: 12.380+/-0.036 χ^2/NDF: 13113.7/46

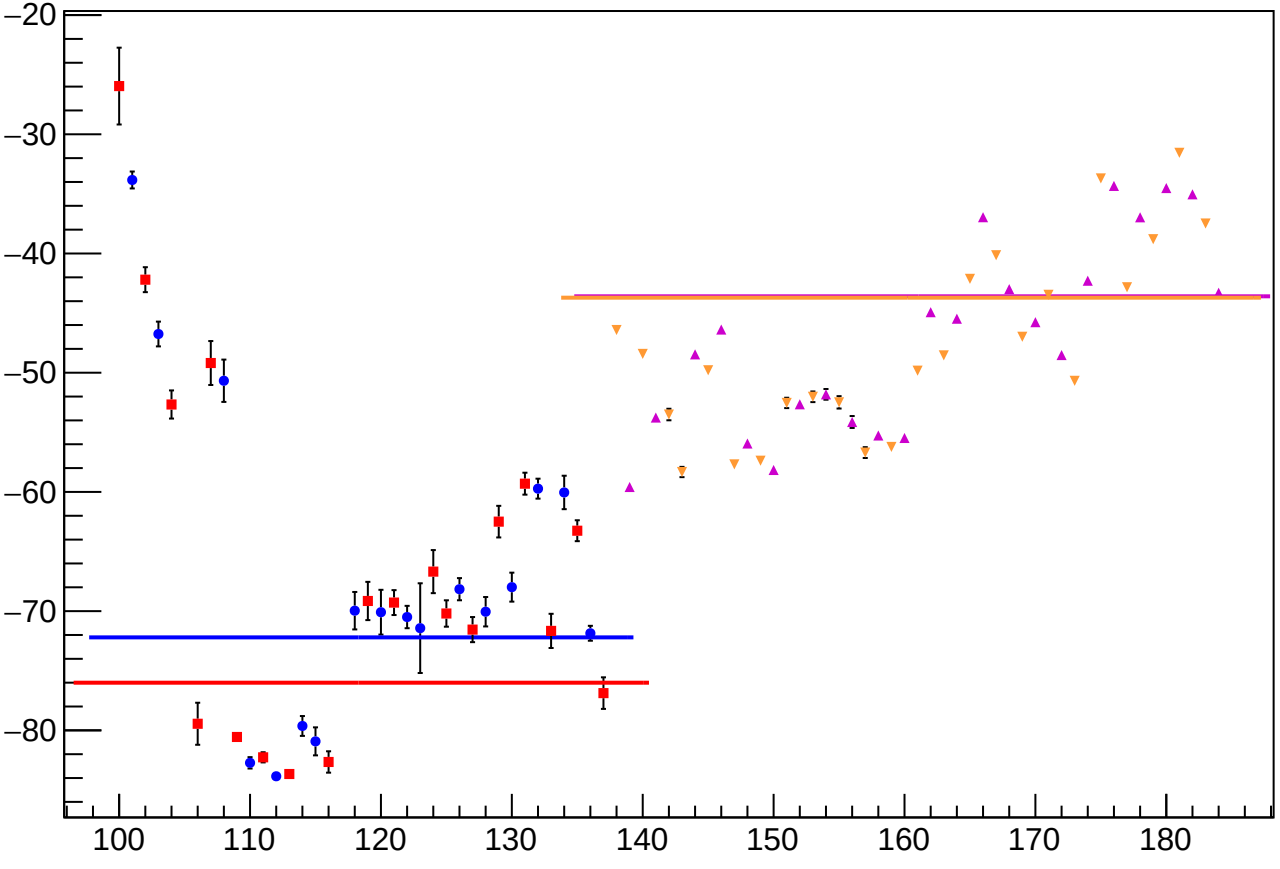
Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 11.979+/-0.047 χ^2/NDF:6796.7/39

Out: 12.244+/-0.046 χ^2/NDF:8378.7/42

All: 12.113+/-0.033 χ^2/NDF: 15191.6/82

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -43.706+/-0.063 χ^2/NDF:17017.4/23

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

Left: -43.649+/-0.044 χ^2/NDF: 32593.9/46

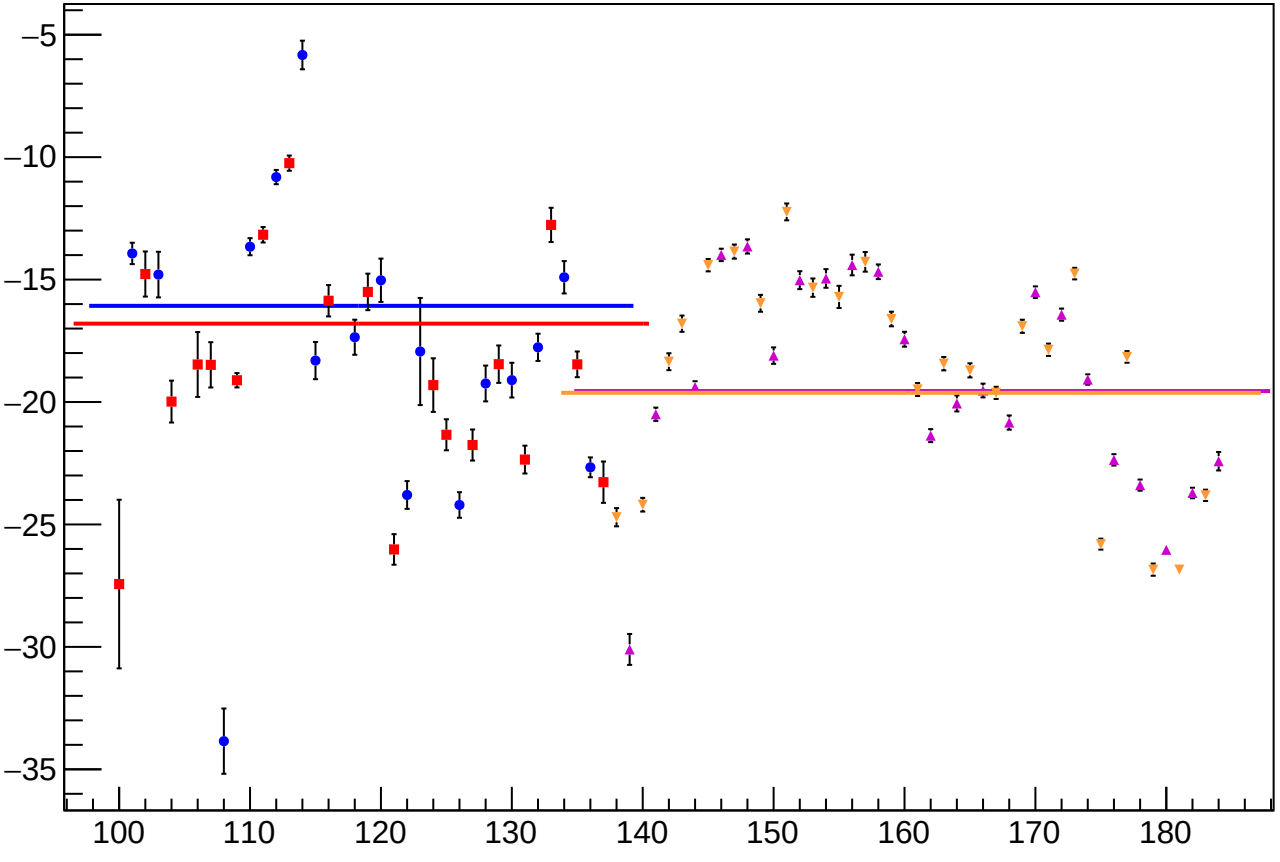
Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -46.234+/-0.060 χ^2/NDF:40150.5/39

Out: -47.173+/-0.059 χ^2/NDF:48924.6/42

All: -46.710+/-0.042 χ^2/NDF: 89198.9/82

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -19.623+/-0.057 χ^2/NDF:6359.1/23

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

Left: -19.588+/-0.040 χ^2/NDF: 10718.9/46

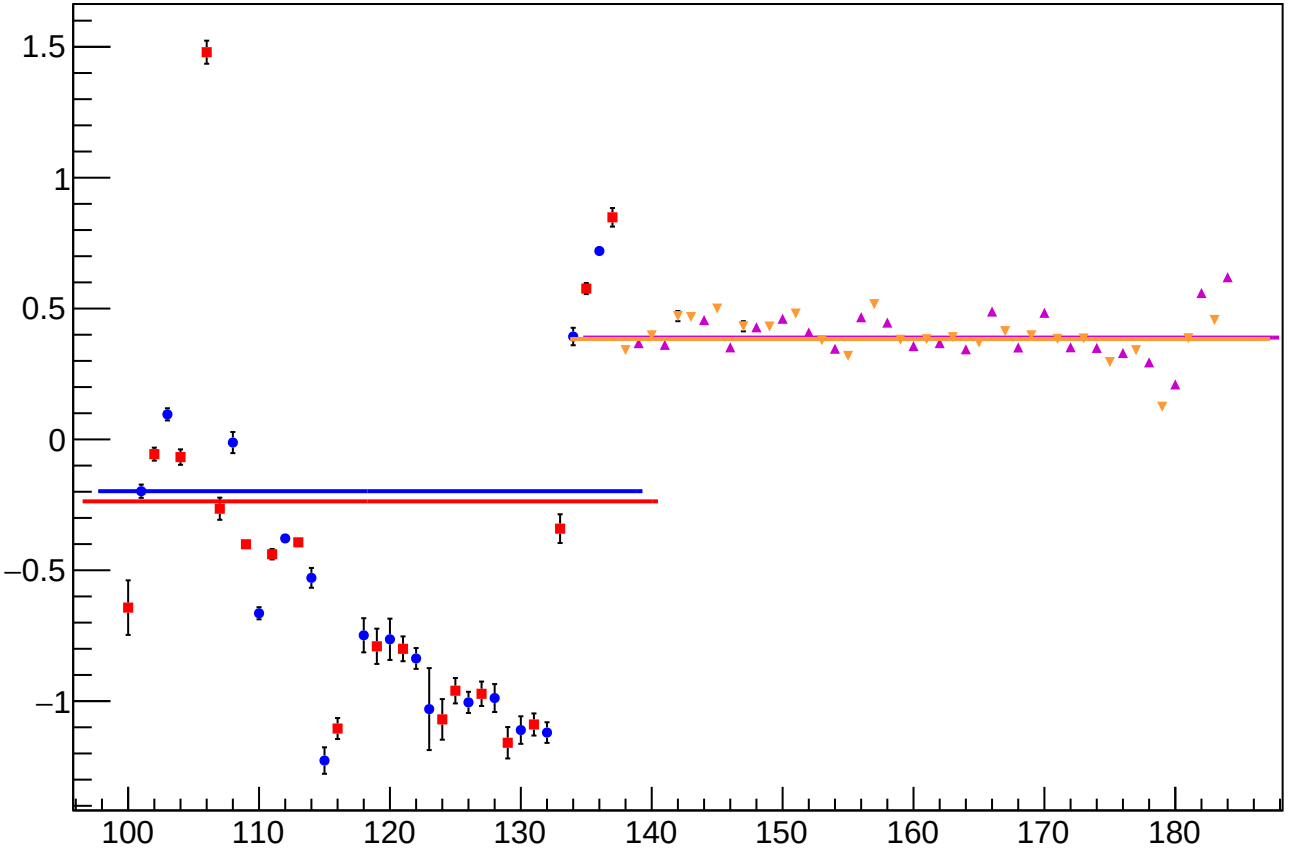
Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -19.004+/-0.052 χ^2/NDF:6584.5/39

Out: -19.164+/-0.052 χ^2/NDF:7981.5/42

All: -19.085+/-0.037 χ^2/NDF: 14570.7/82

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.384+/-0.003 χ^2/NDF:945.6/23

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

Left: 0.386+/-0.002 χ^2/NDF: 2204.7/46

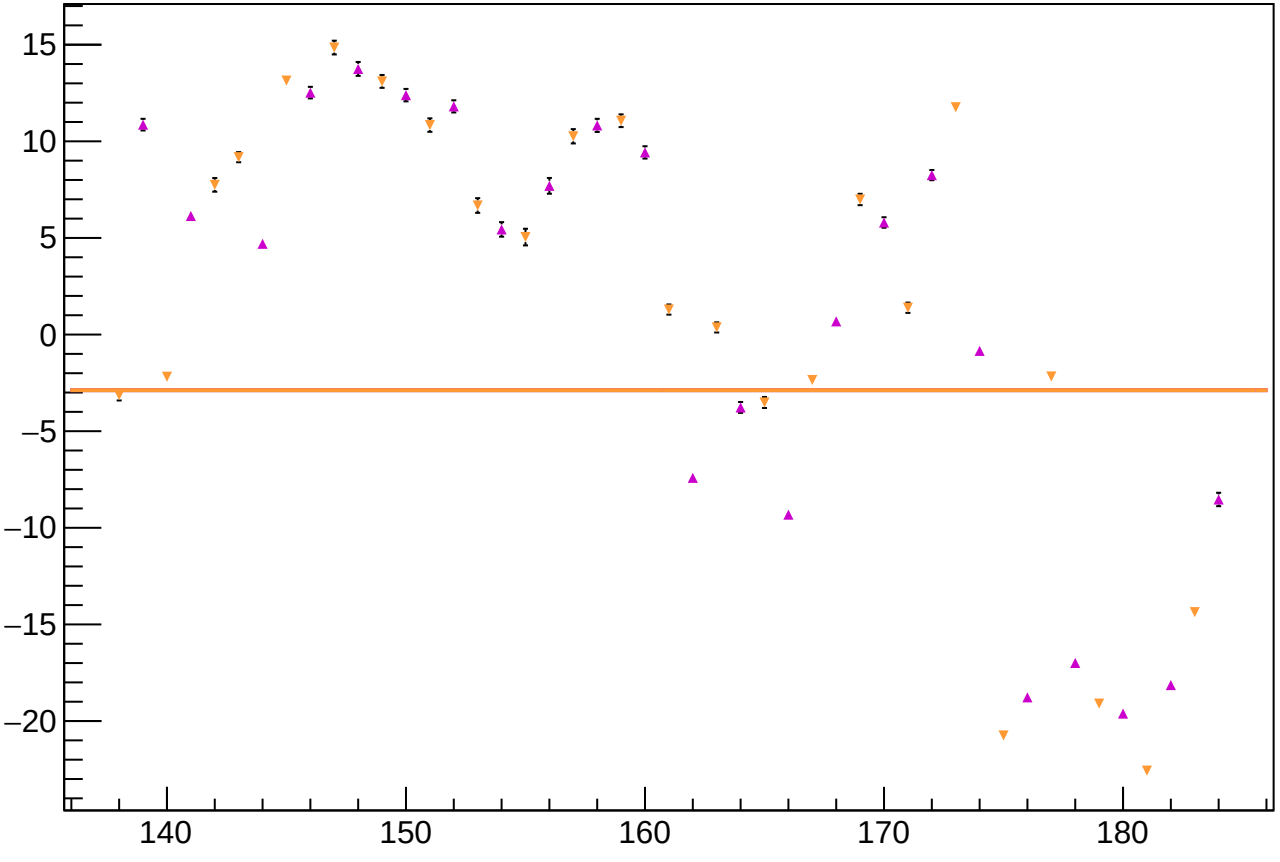
Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.326+/-0.002 χ^2/NDF:13013.3/39

Out: 0.312+/-0.002 χ^2/NDF:13783.8/42

All: 0.319+/-0.002 χ^2/NDF: 26815.3/82

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -2.878+/-0.053 χ^2/NDF:53405.0/23

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

Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

Left: -2.877+/-0.038 χ^2/NDF: 99785.9/46

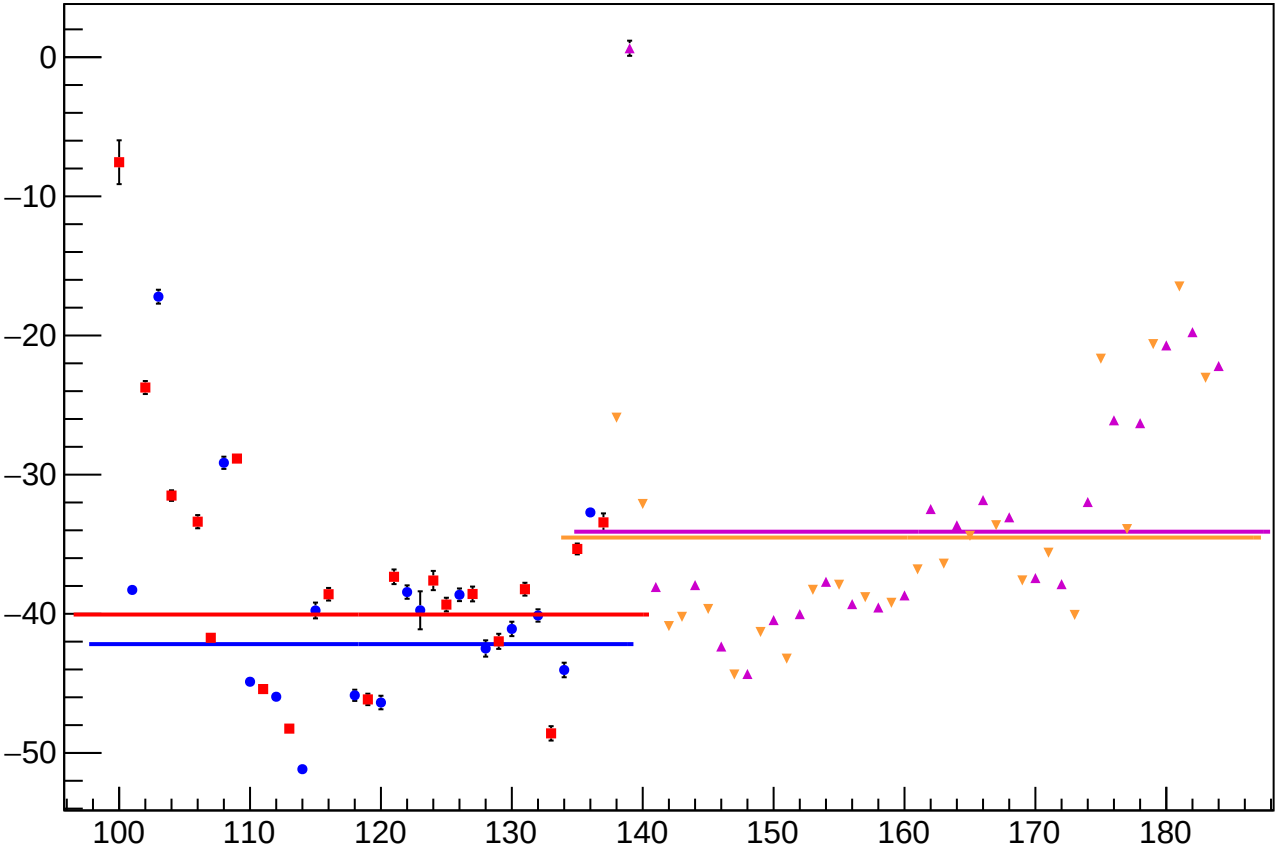
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.876+/-0.055 χ^2/NDF:46380.9/22

Out: -2.878+/-0.053 χ^2/NDF:53405.0/23

All: -2.877+/-0.038 χ^2/NDF: 99785.9/46

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -34.520+/-0.042 χ^2/NDF:34208.8/23

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

Left: -34.317+/-0.030 χ^2/NDF: 63627.0/46

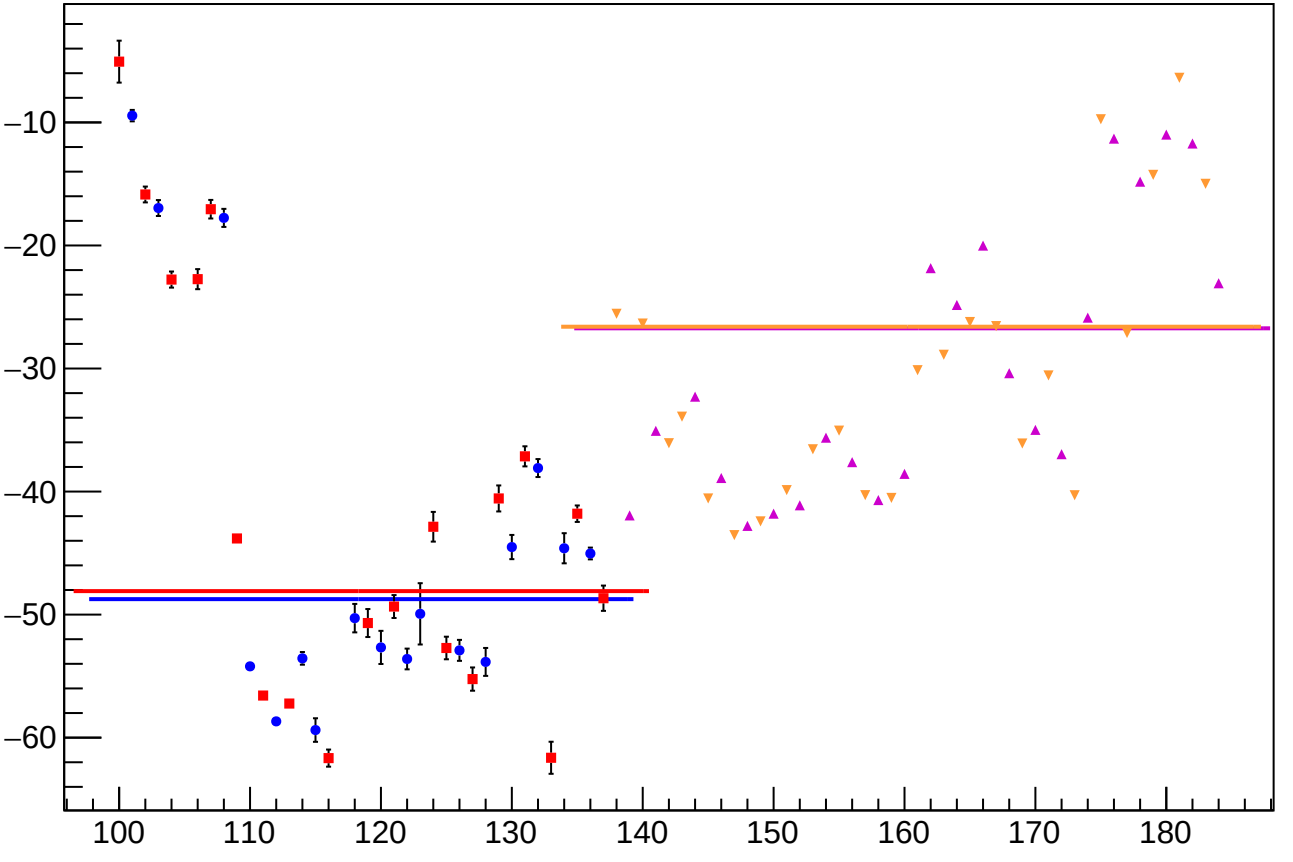
Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -36.048+/-0.038 χ^2/NDF:44134.8/39

Out: -35.916+/-0.037 χ^2/NDF:49841.5/42

All: -35.979+/-0.026 χ^2/NDF: 93982.6/82

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -26.603+/-0.054 χ^2/NDF:47310.0/23

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

Left: -26.667+/-0.038 χ^2/NDF: 89955.9/46

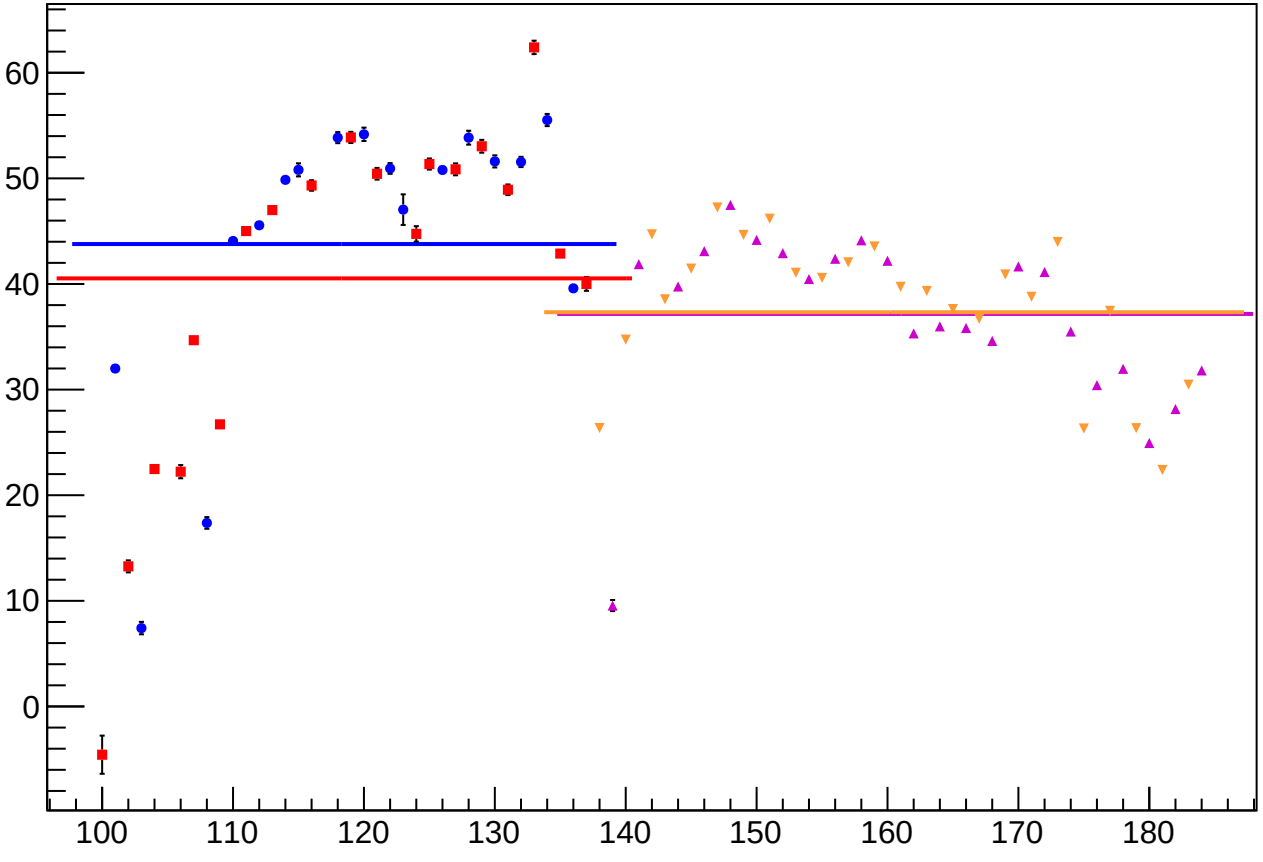
Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -30.300+/-0.050 χ^2/NDF:83520.3/39

Out: -30.929+/-0.048 χ^2/NDF:91120.4/42

All: -30.627+/-0.035 χ^2/NDF: 174722.5/82

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 37.327+/-0.048 χ^2/NDF:21222.9/23

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

Left: 37.248+/-0.034 χ^2/NDF: 38655.8/46

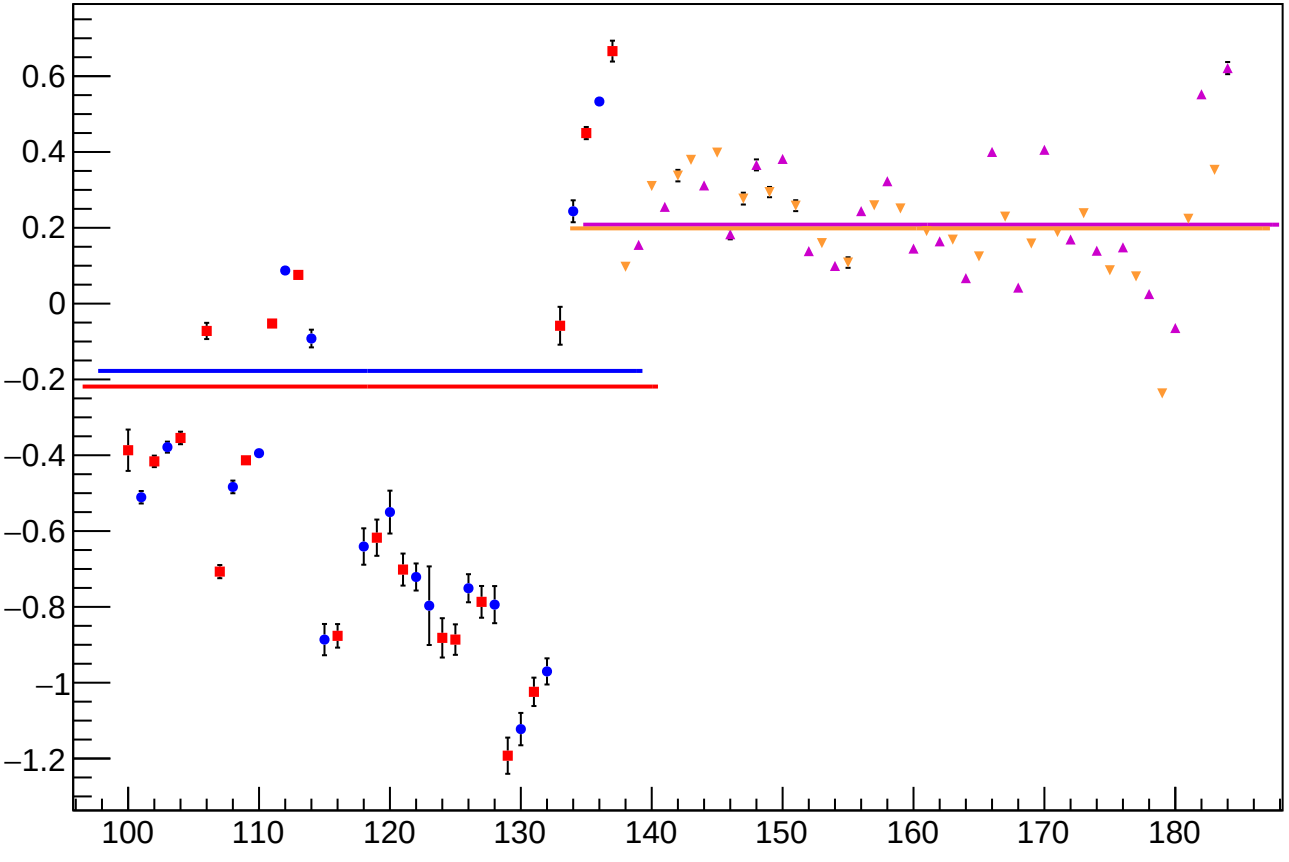
Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 38.774+/-0.043 χ^2/NDF:32482.6/39

Out: 38.166+/-0.041 χ^2/NDF:39981.9/42

All: 38.458+/-0.030 χ^2/NDF: 72570.1/82

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.198+/-0.002 χ^2/NDF:3516.4/23

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

Left: 0.203+/-0.002 χ^2/NDF: 8621.4/46

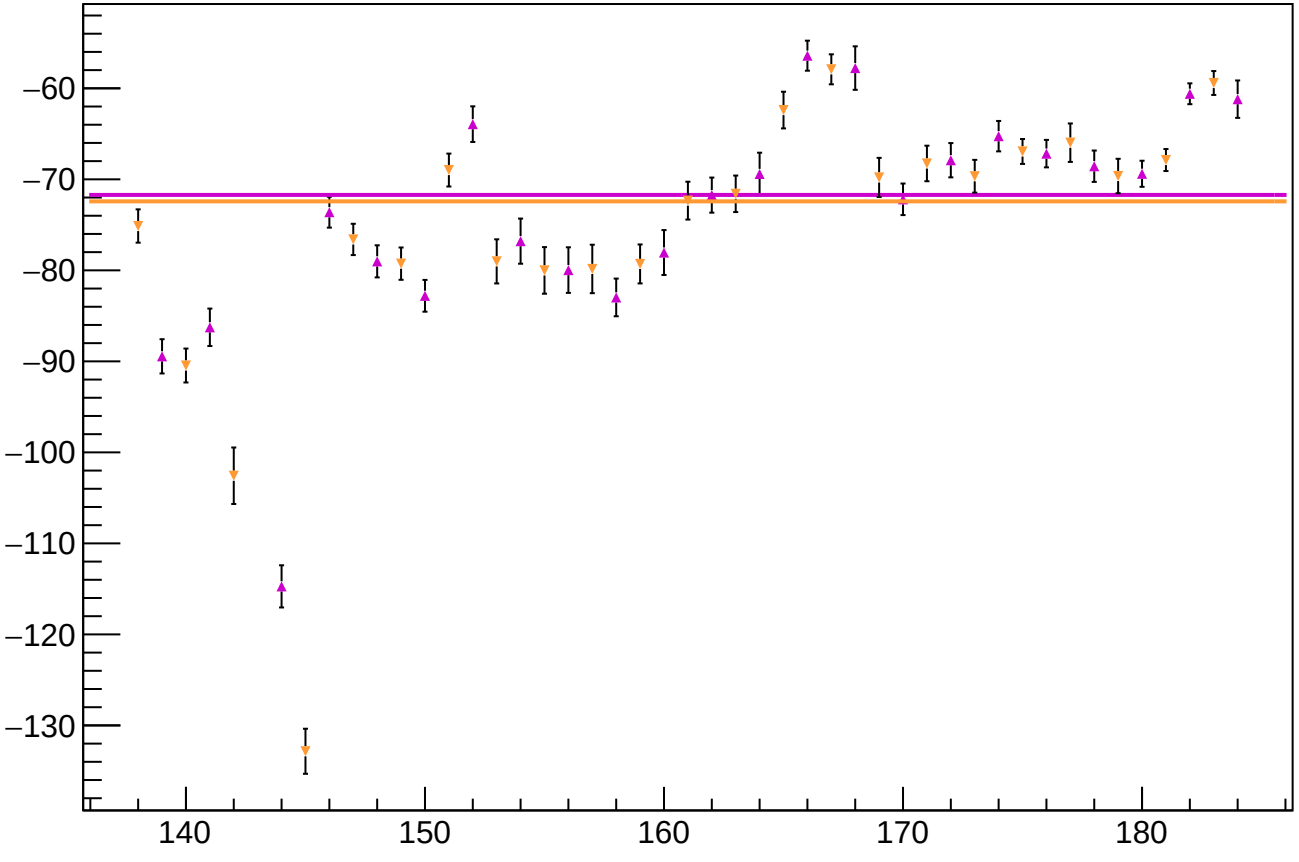
Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: 0.140+/-0.002 χ^2/NDF:17715.7/39

Out: 0.111+/-0.002 χ^2/NDF:18438.4/42

All: 0.125+/-0.001 χ^2/NDF: 36258.2/82

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -72.420+/-0.387 χ^2/NDF:1095.3/22

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

Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

Left: -72.060+/-0.271 χ^2/NDF: 1981.6/45

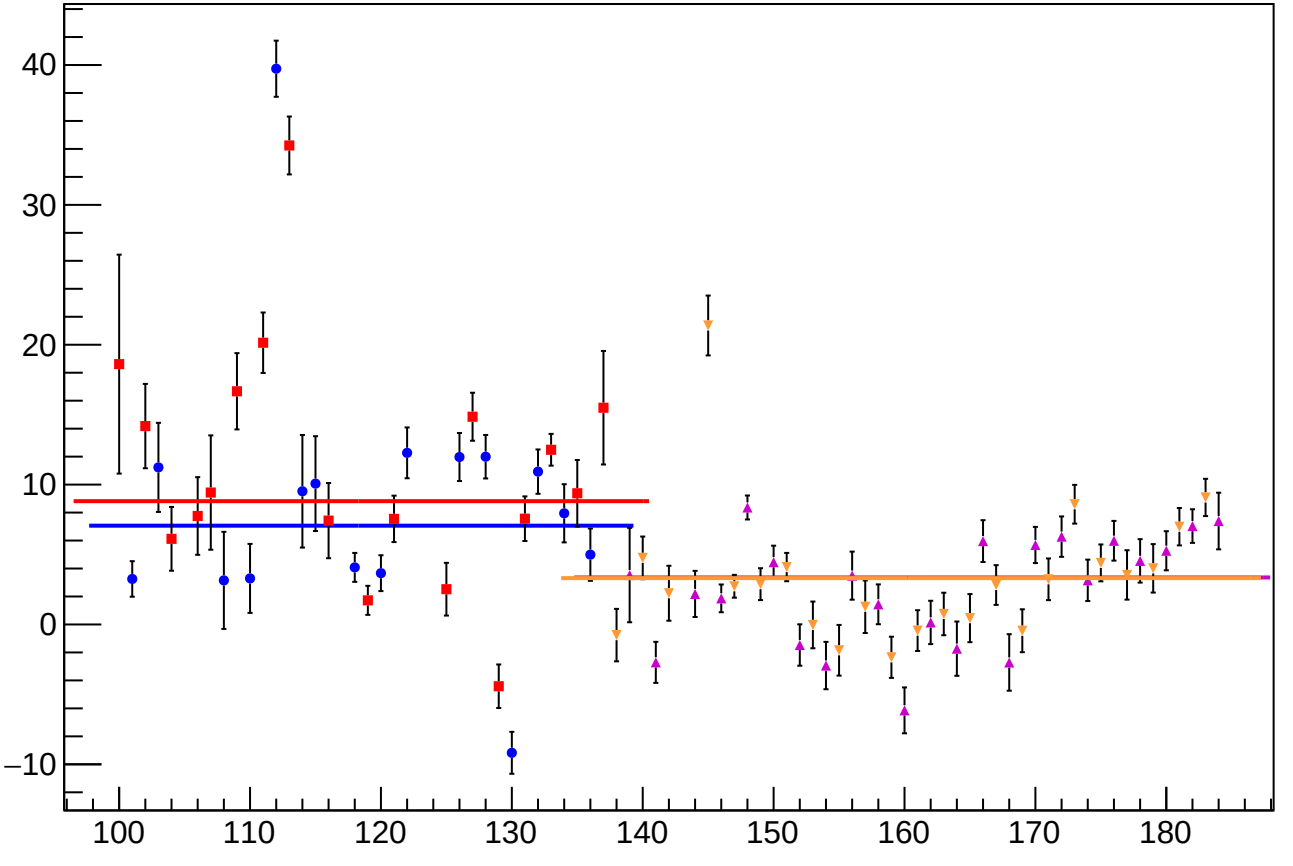
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -71.713+/-0.380 χ^2/NDF:884.6/22

Out: -72.420+/-0.387 χ^2/NDF:1095.3/22

All: -72.060+/-0.271 χ^2/NDF: 1981.6/45

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 3.313+/-0.297 χ^2/NDF:166.7/22

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

Left: 3.337+/-0.210 χ^2/NDF: 331.2/45

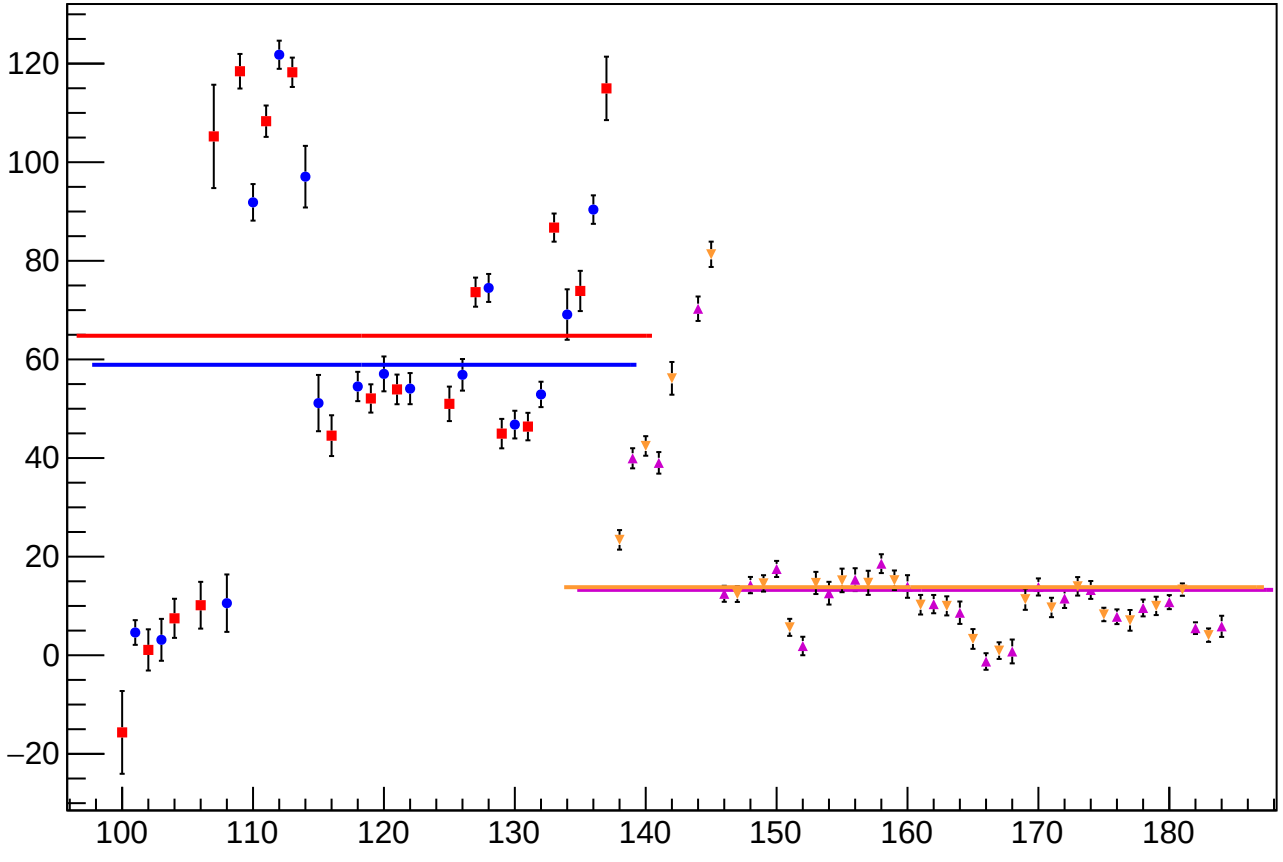
Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 4.546+/-0.245 χ^2/NDF:661.0/38

Out: 4.987+/-0.248 χ^2/NDF:621.5/40

All: 4.765+/-0.174 χ^2/NDF: 1284.1/79

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 13.804+/-0.385 χ^2/NDF:1289.8/22

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

Left: 13.528+/-0.270 χ^2/NDF: 2367.8/45

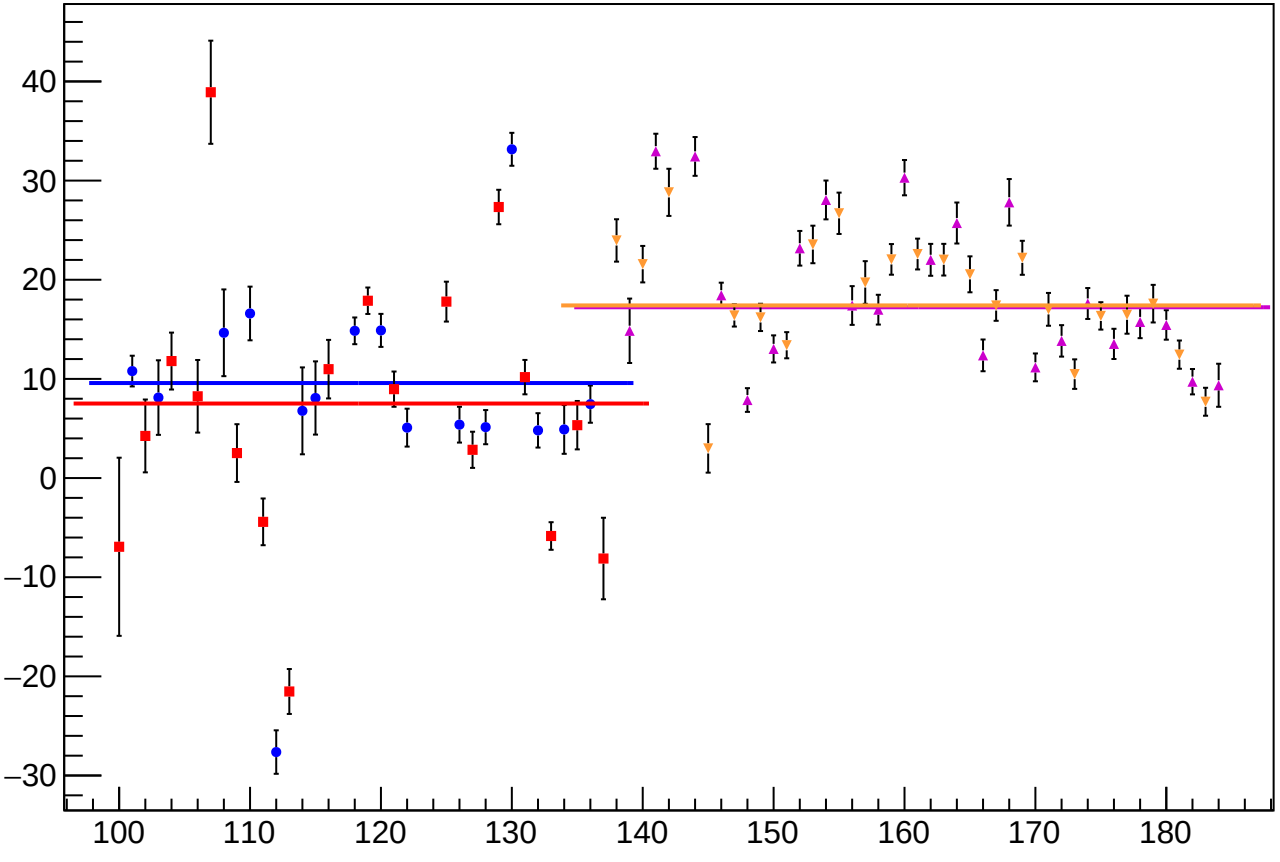
Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 21.100+/-0.345 χ^2/NDF:5070.9/38

Out: 22.667+/-0.350 χ^2/NDF:6051.7/40

All: 21.871+/-0.246 χ^2/NDF: 11132.7/79

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 17.411+/-0.340 χ^2/NDF:236.2/22

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

Left: 17.317+/-0.240 χ^2/NDF: 678.6/45

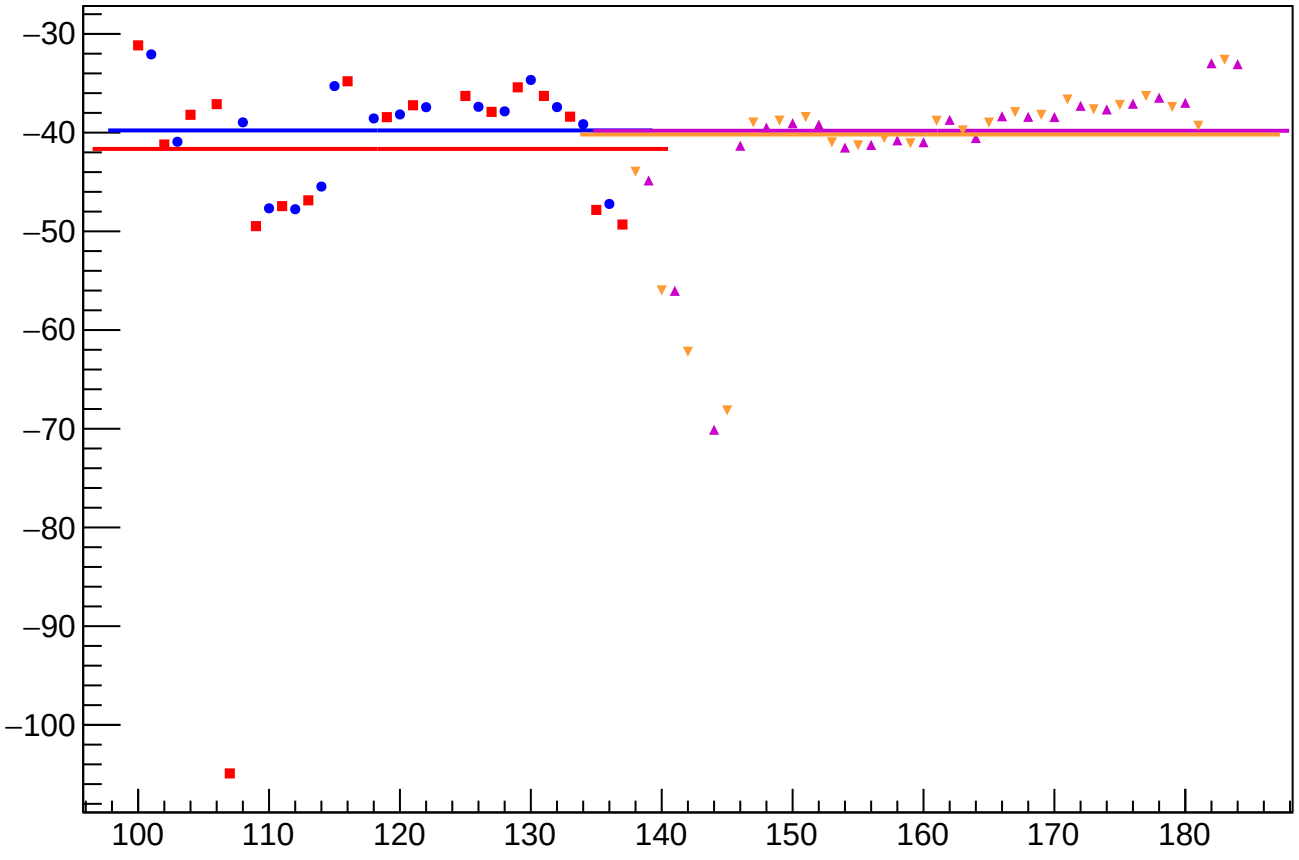
Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 14.830+/-0.281 χ^2/NDF:1156.3/38

Out: 14.413+/-0.284 χ^2/NDF:1062.6/40

All: 14.624+/-0.200 χ^2/NDF: 2220.0/79

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -40.191+/-0.016 χ^2/NDF:166578.9/22

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

Left: -39.998+/-0.011 χ^2/NDF: 312656.1/45

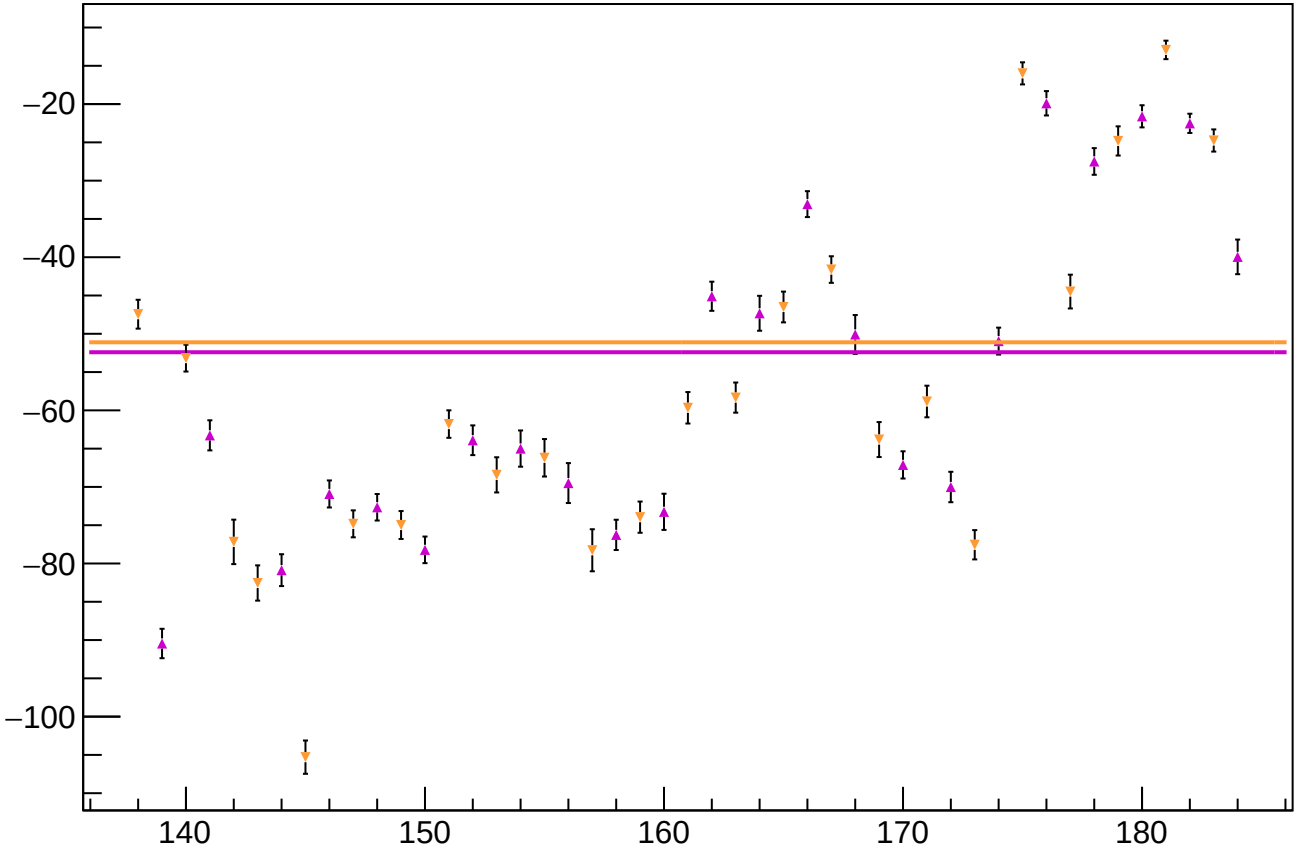
Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -39.806+/-0.014 χ^2/NDF:171949.6/38

Out: -40.493+/-0.014 χ^2/NDF:262774.1/40

All: -40.143+/-0.010 χ^2/NDF: 435918.2/79

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -51.110+/-0.387 χ^2/NDF:4026.6/23

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

Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

Left: -51.759+/-0.274 χ^2/NDF: 7410.9/46

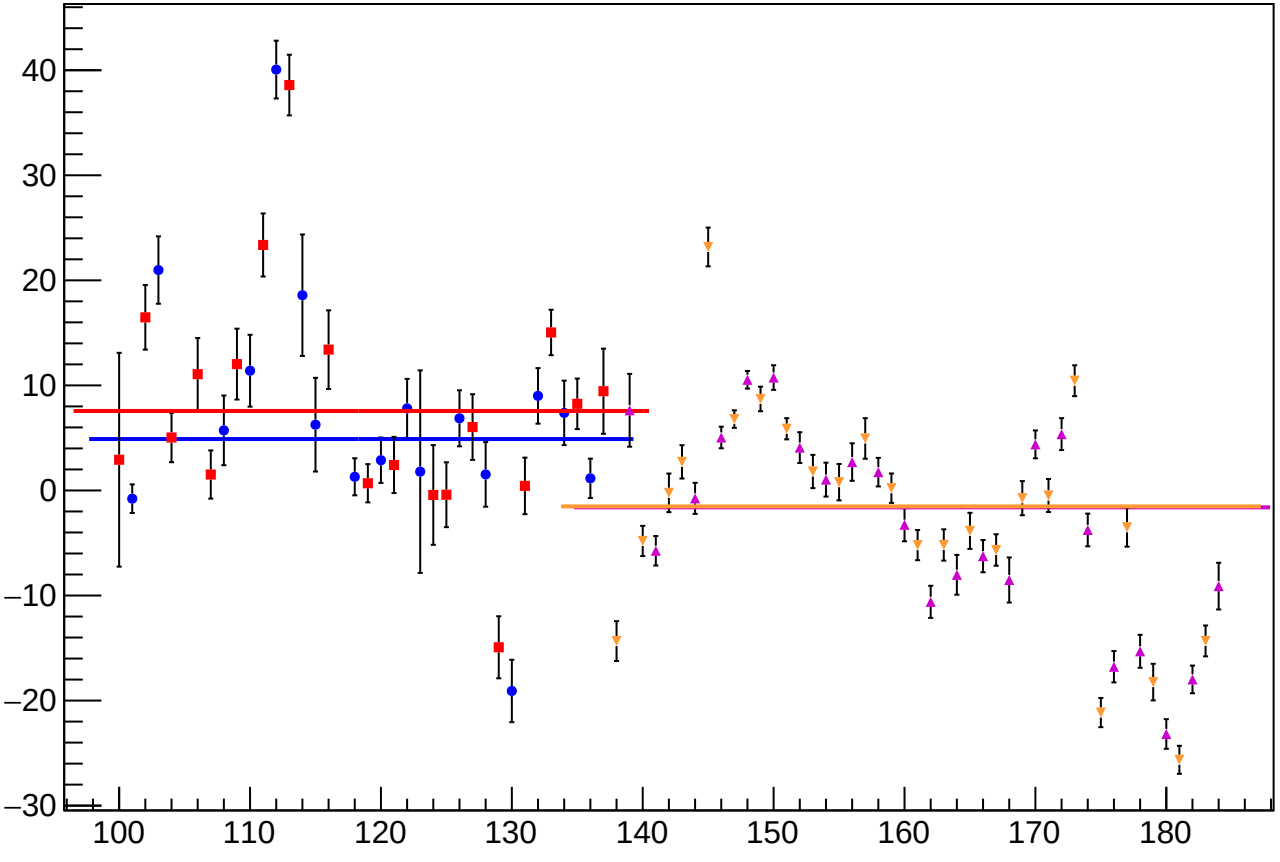
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -52.409+/-0.387 χ^2/NDF:3378.7/22

Out: -51.110+/-0.387 χ^2/NDF:4026.6/23

All: -51.759+/-0.274 χ^2/NDF: 7410.9/46

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: -1.517+/-0.294 χ^2/NDF:1271.1/23

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

Left: -1.562+/-0.210 χ^2/NDF: 2368.5/46

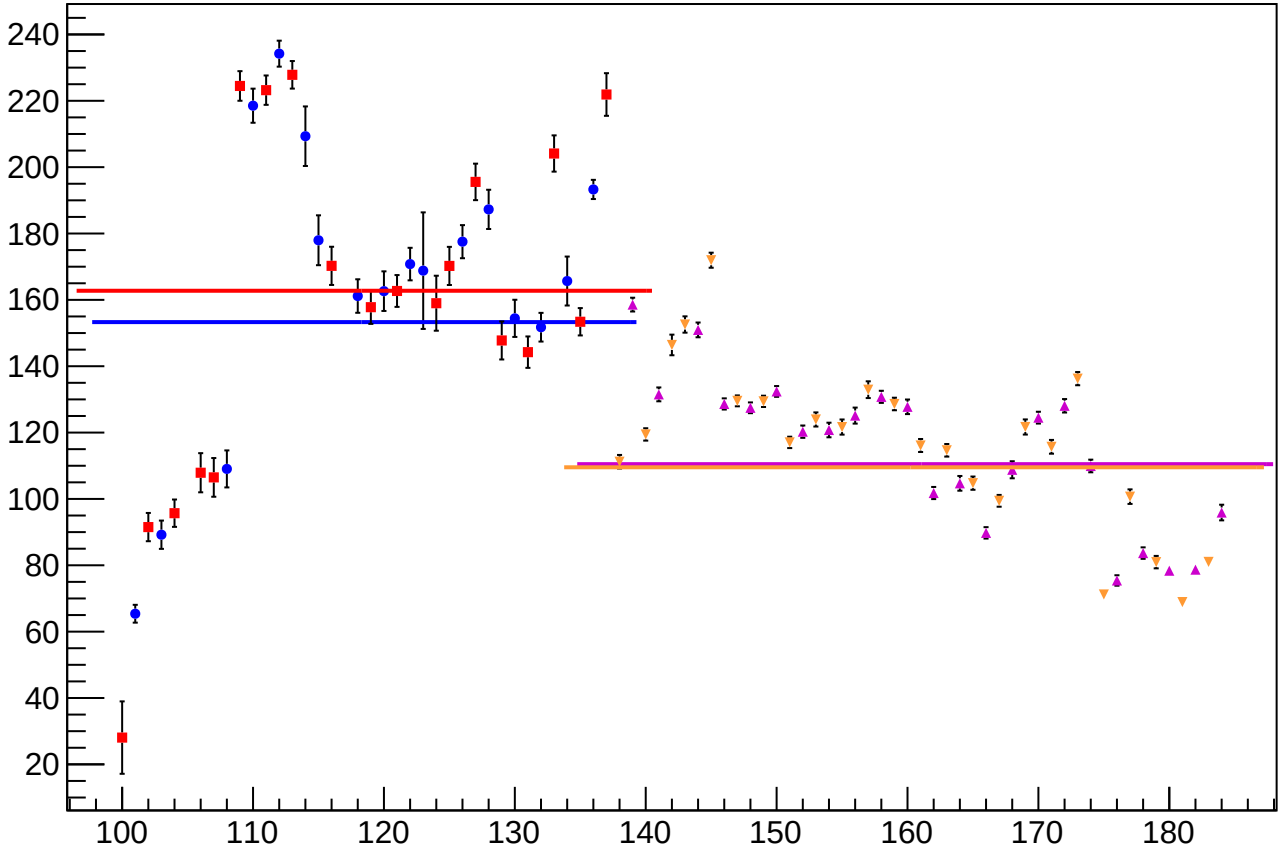
Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: -0.381+/-0.270 χ^2/NDF:1481.6/39

Out: 0.022+/-0.268 χ^2/NDF:1702.7/42

All: -0.179+/-0.190 χ^2/NDF: 3185.4/82

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 109.537+/-0.386 χ^2/NDF:4435.5/23

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

Left: 110.011+/-0.272 χ^2/NDF: 8263.4/46

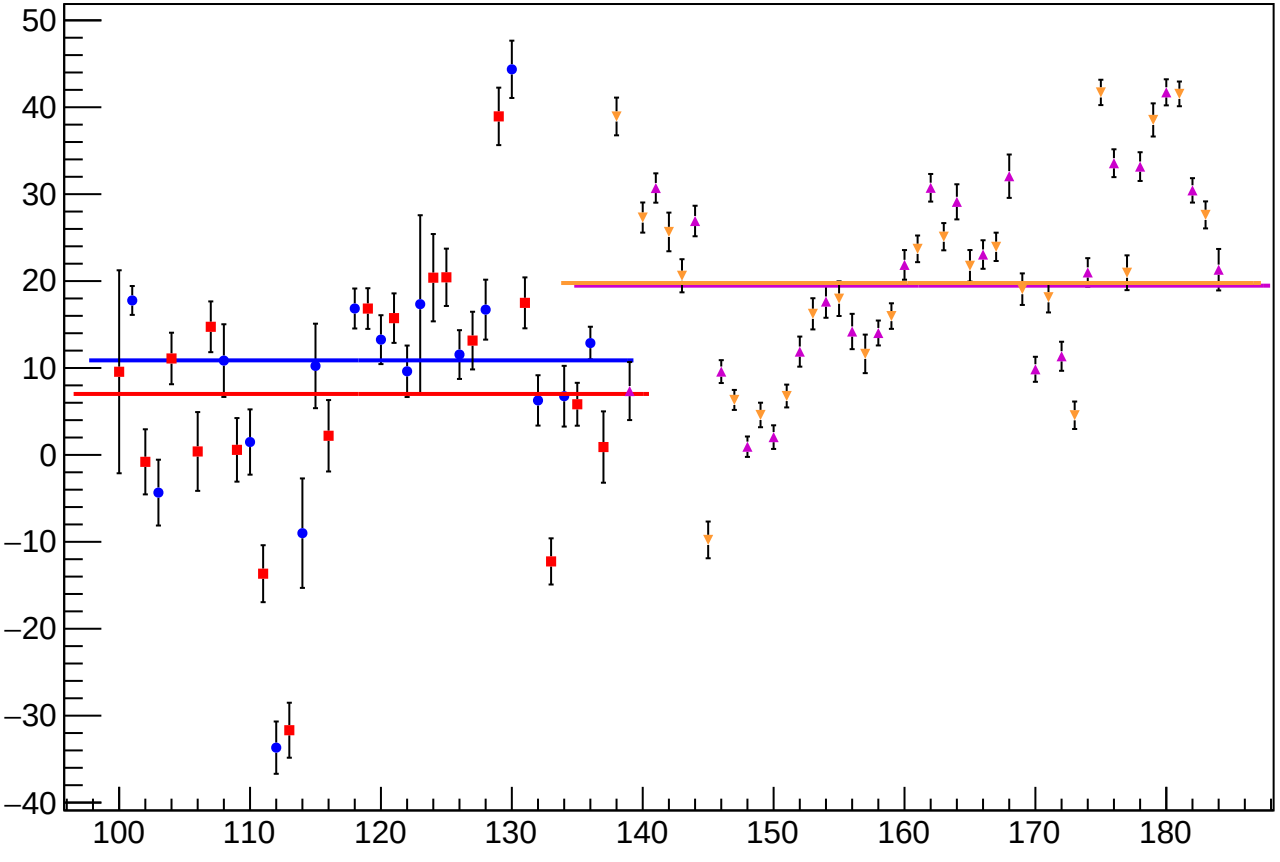
Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 114.827+/-0.365 χ^2/NDF:7348.6/39

Out: 114.699+/-0.366 χ^2/NDF:7990.9/42

All: 114.763+/-0.258 χ^2/NDF: 15339.6/82

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 19.777+/-0.338 χ^2/NDF:1377.6/23

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

Left: 19.626+/-0.240 χ^2/NDF: 2566.1/46

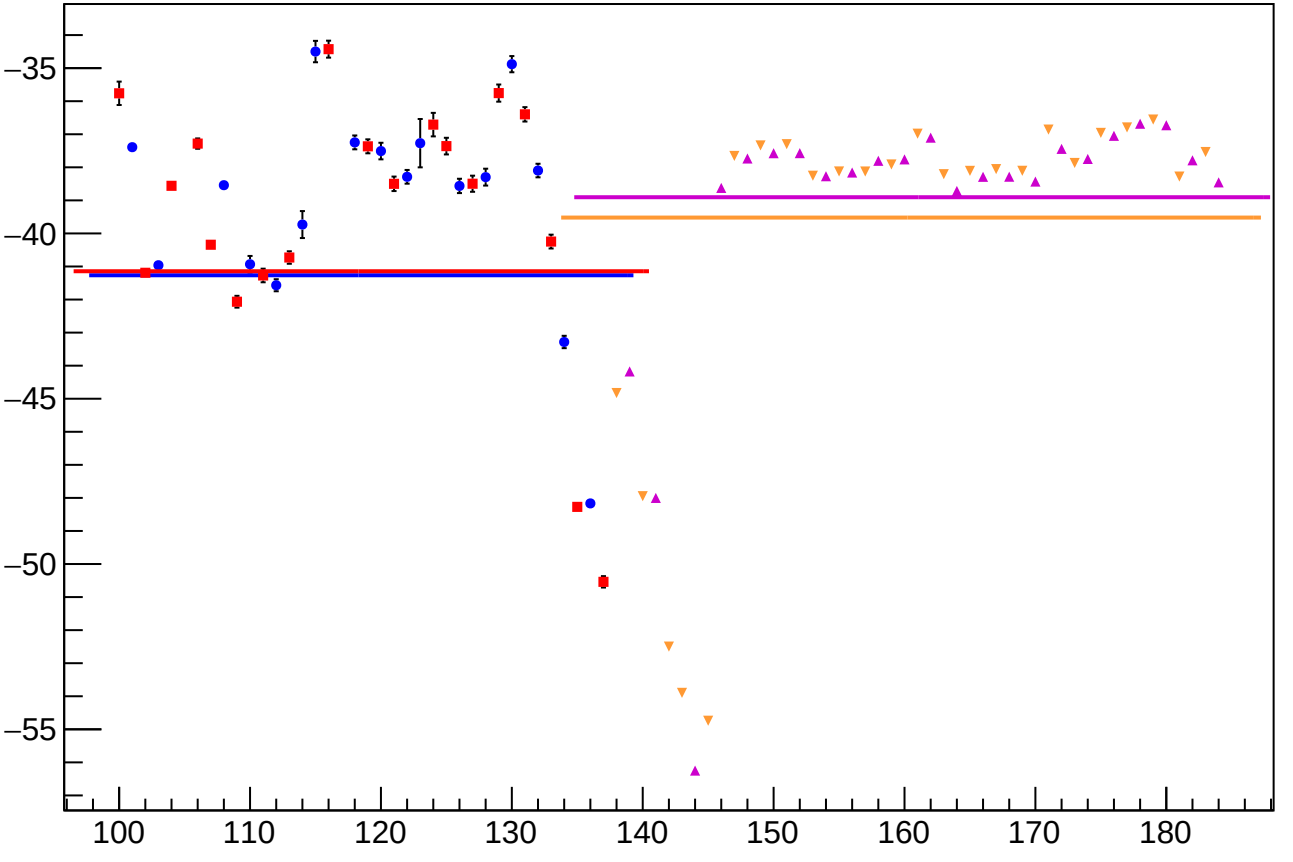
Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 17.869+/-0.308 χ^2/NDF:1694.3/39

Out: 17.615+/-0.308 χ^2/NDF:2043.9/42

All: 17.742+/-0.218 χ^2/NDF: 3738.5/82

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -39.520+/-0.016 χ^2/NDF:88625.5/23

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

Left: -39.210+/-0.011 χ^2/NDF: 143660.8/46

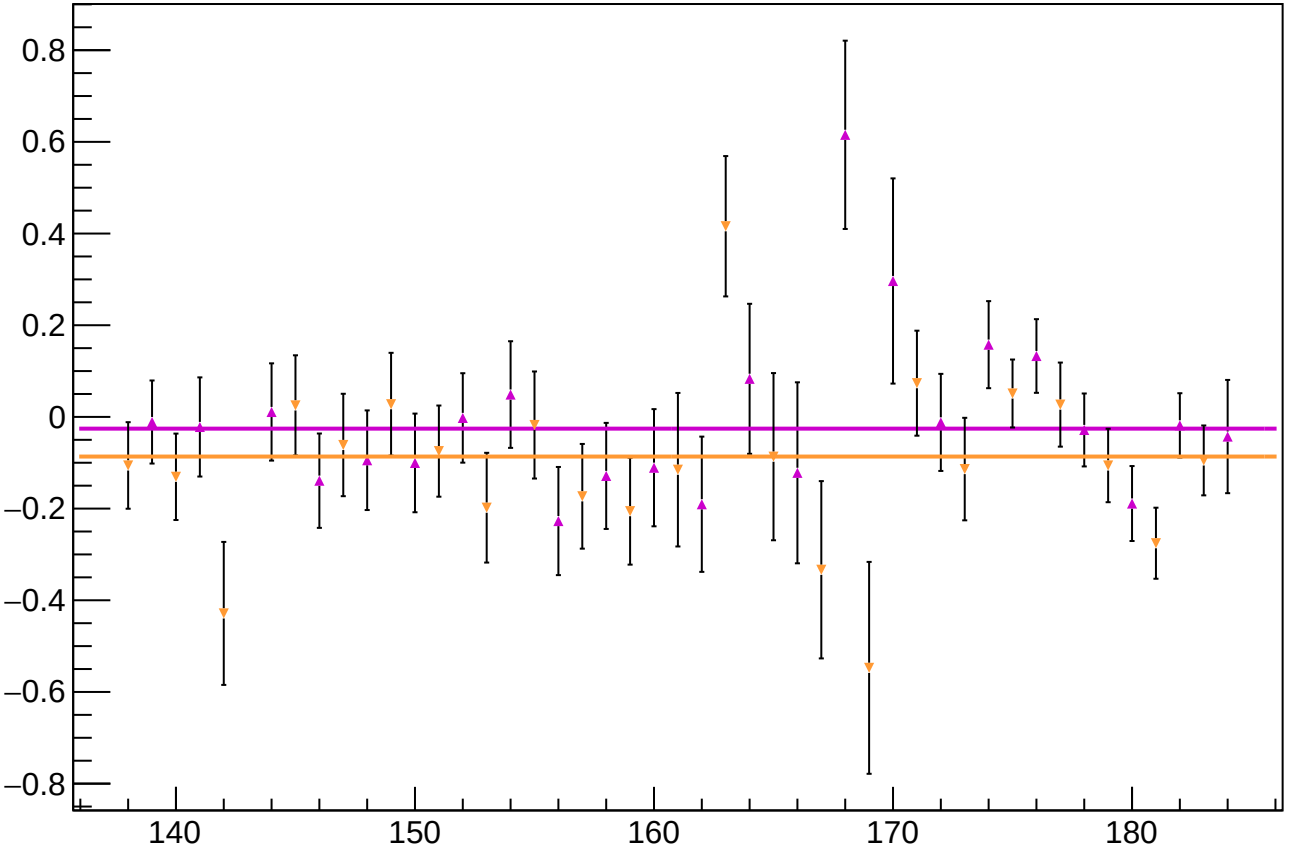
Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -39.245+/-0.015 χ^2/NDF:70071.3/39

Out: -39.756+/-0.015 χ^2/NDF:102354.9/42

All: -39.499+/-0.010 χ^2/NDF: 173032.6/82

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.086+/-0.022 χ^2/NDF:39.5/22

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

Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

Left: -0.056+/-0.016 χ^2/NDF: 75.5/45

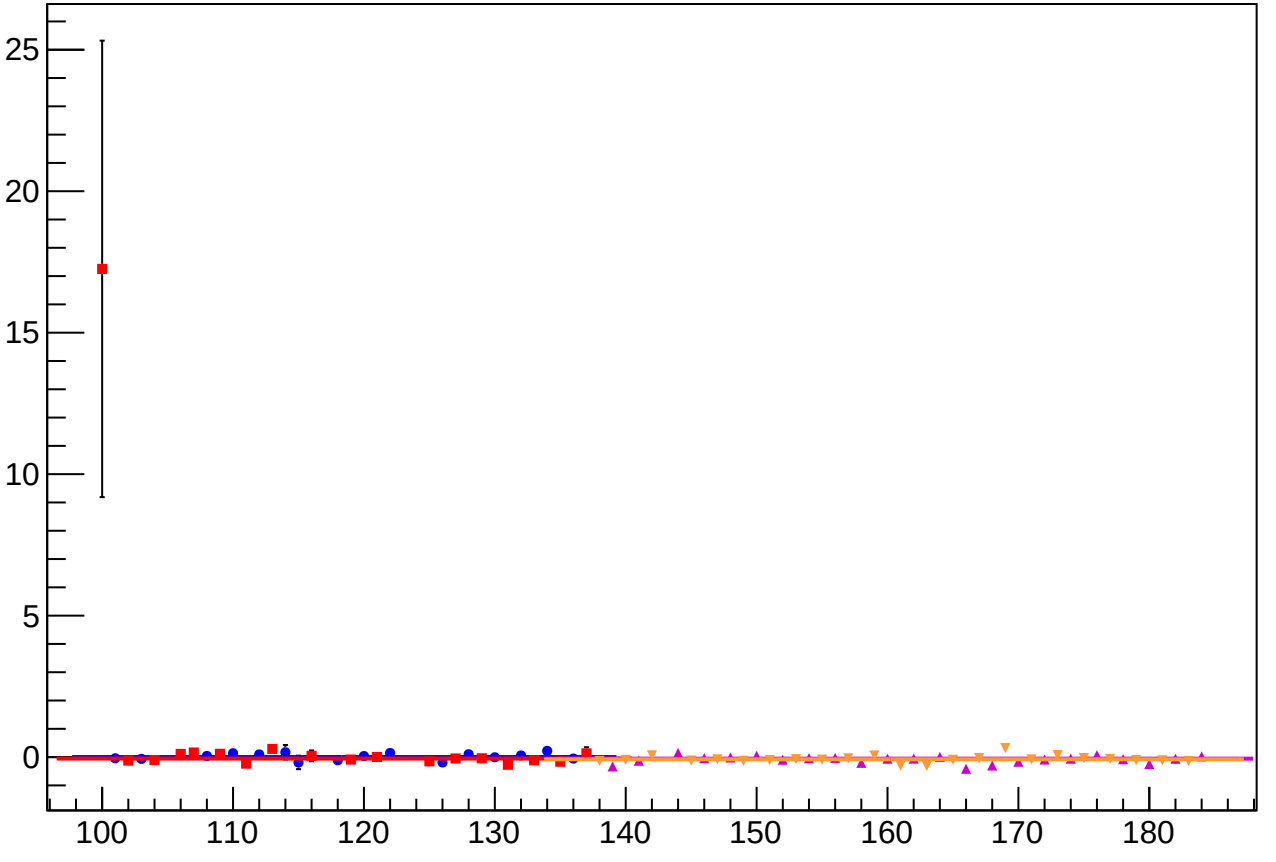
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.026+/-0.022 χ^2/NDF:32.3/22

Out: -0.086+/-0.022 χ^2/NDF:39.5/22

All: -0.056+/-0.016 χ^2/NDF: 75.5/45

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.078+/-0.017 χ^2/NDF:24.1/22

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

Left: -0.066+/-0.012 χ^2/NDF: 57.1/45

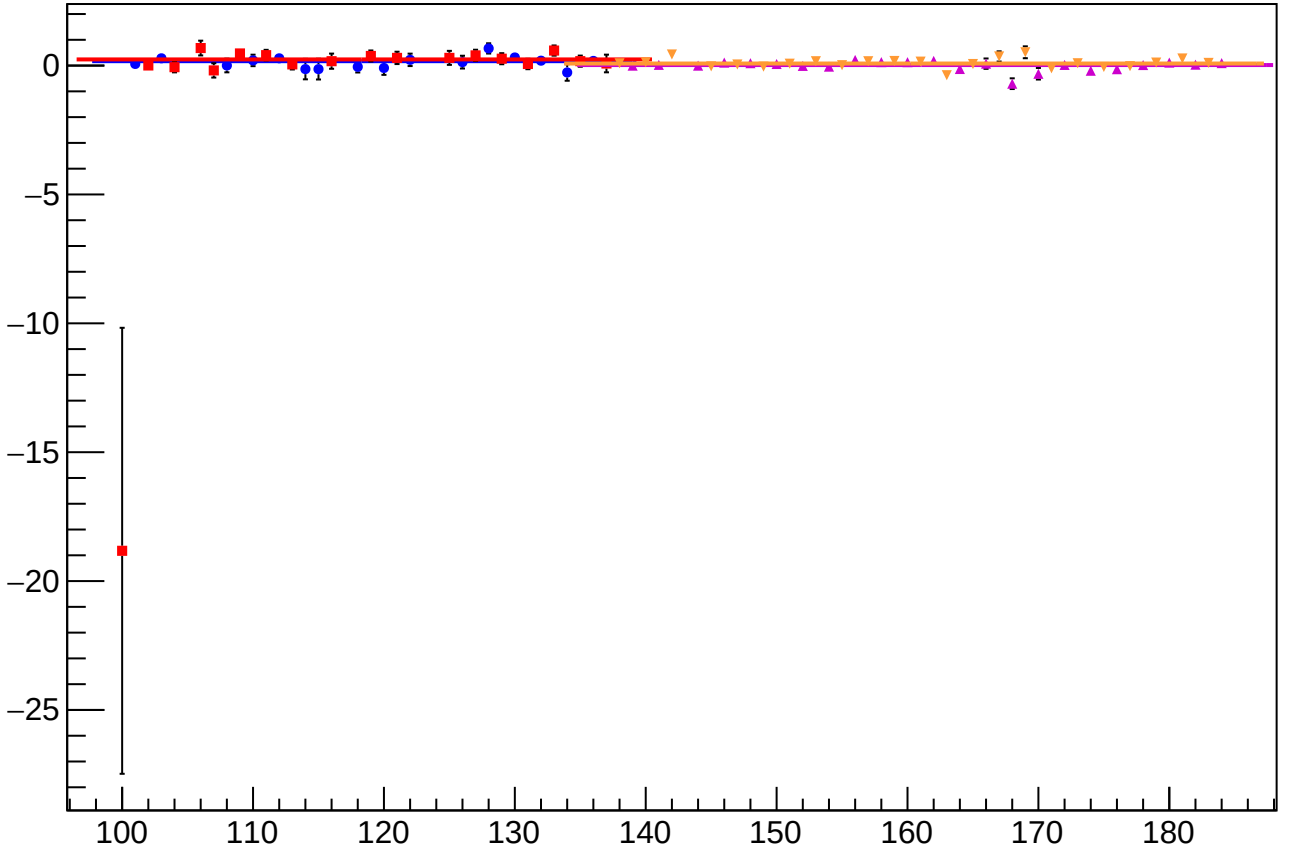
Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.039+/-0.015 χ^2/NDF:47.6/38

Out: -0.071+/-0.015 χ^2/NDF:50.5/40

All: -0.055+/-0.011 χ^2/NDF: 100.4/79

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.079+/-0.022 χ^2/NDF:38.1/22

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

Left: 0.050+/-0.016 χ^2/NDF: 76.3/45

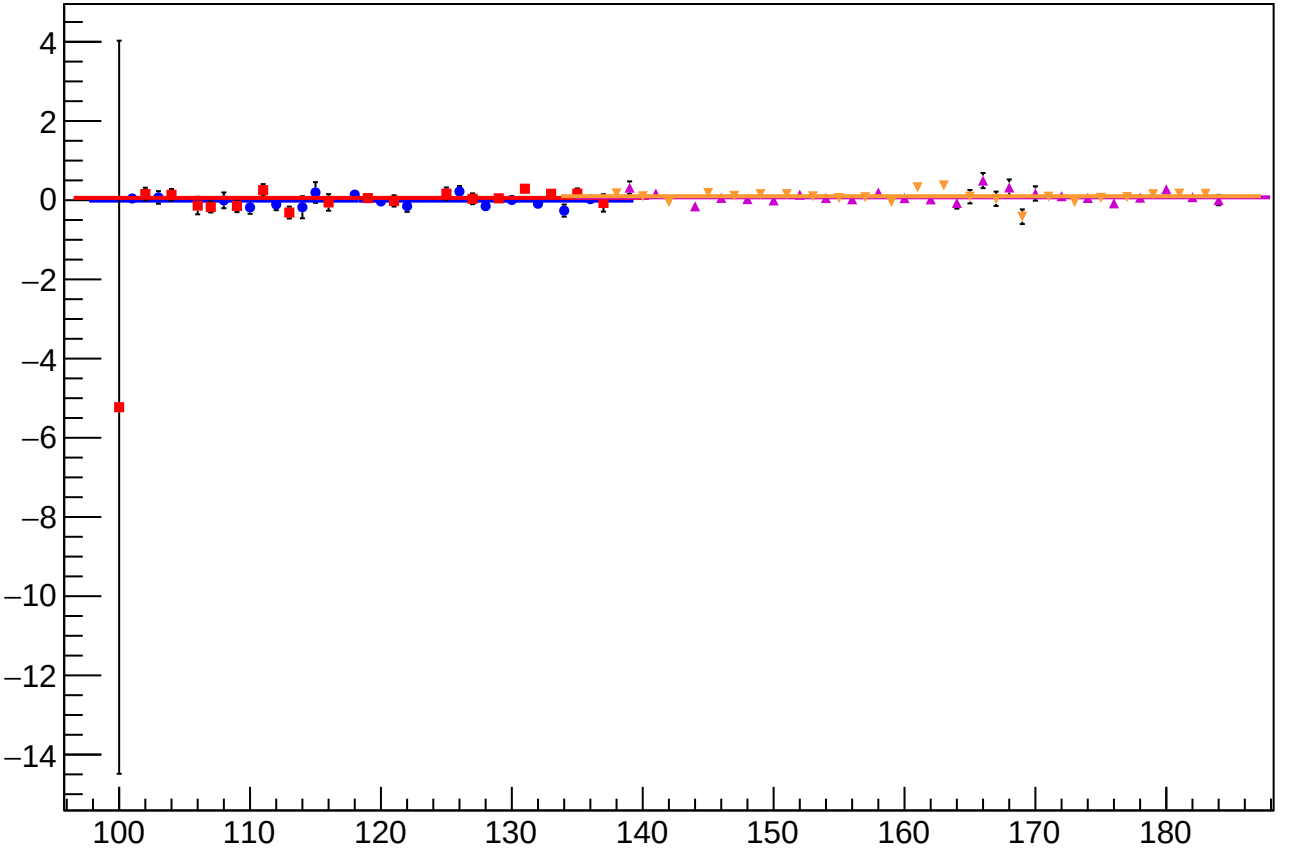
Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.043+/-0.020 χ^2/NDF:55.2/38

Out: 0.103+/-0.021 χ^2/NDF:67.4/40

All: 0.072+/-0.014 χ^2/NDF: 126.9/79

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.101+/-0.020 χ^2/NDF:27.2/22

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

Left: 0.087+/-0.014 χ^2/NDF: 59.9/45

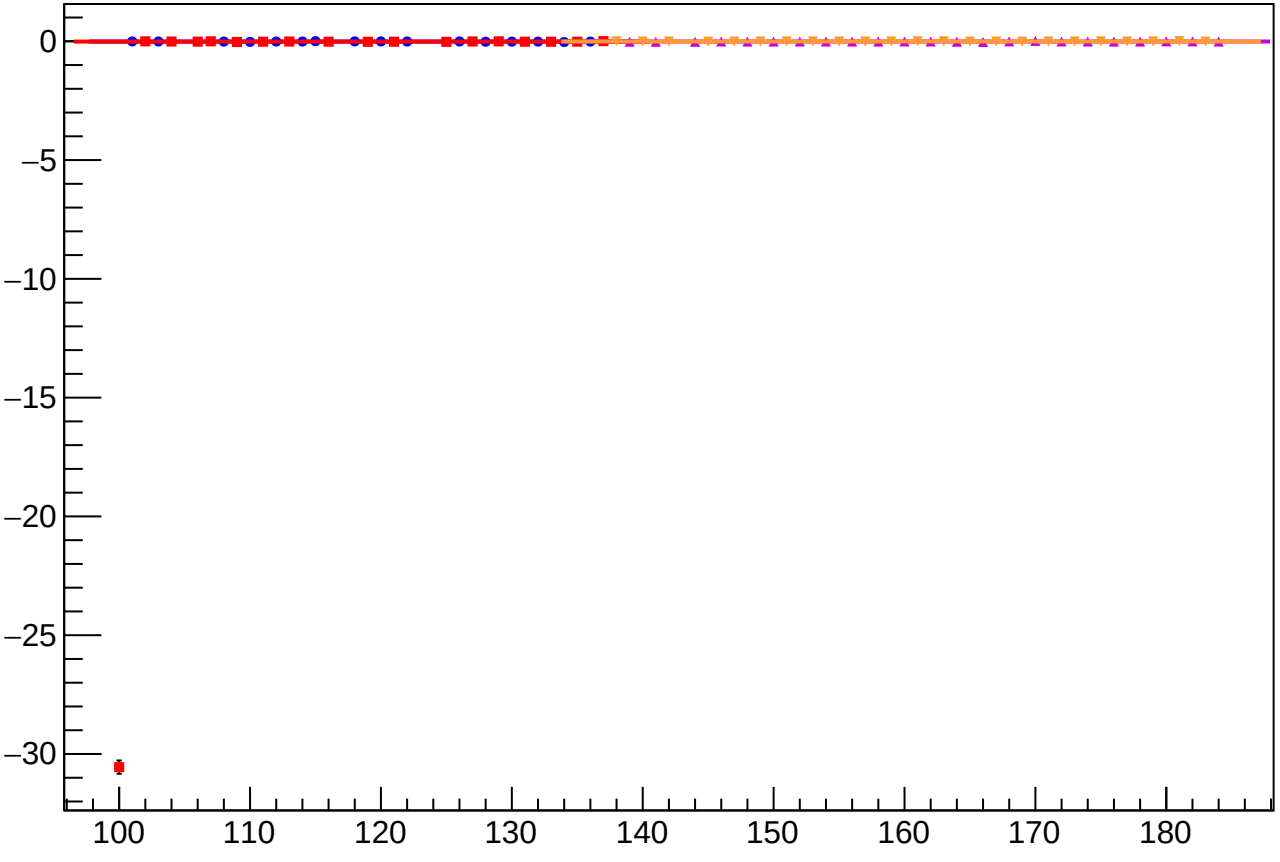
Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.050+/-0.017 χ^2/NDF:50.2/38

Out: 0.090+/-0.017 χ^2/NDF:48.9/40

All: 0.070+/-0.012 χ^2/NDF: 101.9/79

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.008+/-0.001 χ^2/NDF:26.9/22

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

Left: -0.008+/-0.001 χ^2/NDF: 69.7/45

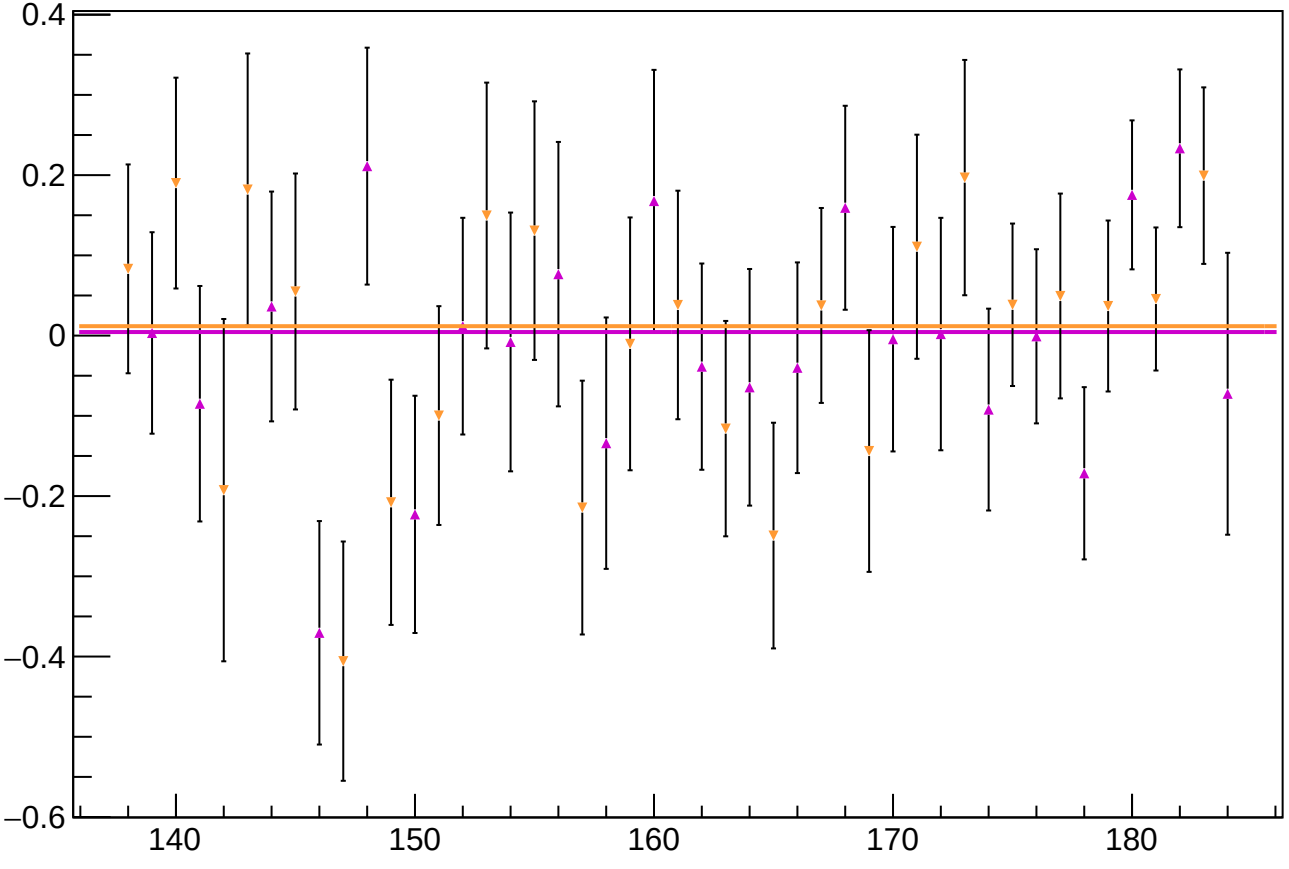
Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.009+/-0.001 χ^2/NDF:57.2/38

Out: -0.009+/-0.001 χ^2/NDF:11923.2/40

All: -0.009+/-0.001 χ^2/NDF: 11980.9/79

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 0.012+/-0.027 χ^2/NDF:28.9/23

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

Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

Left: 0.008+/-0.019 χ^2/NDF: 57.1/46

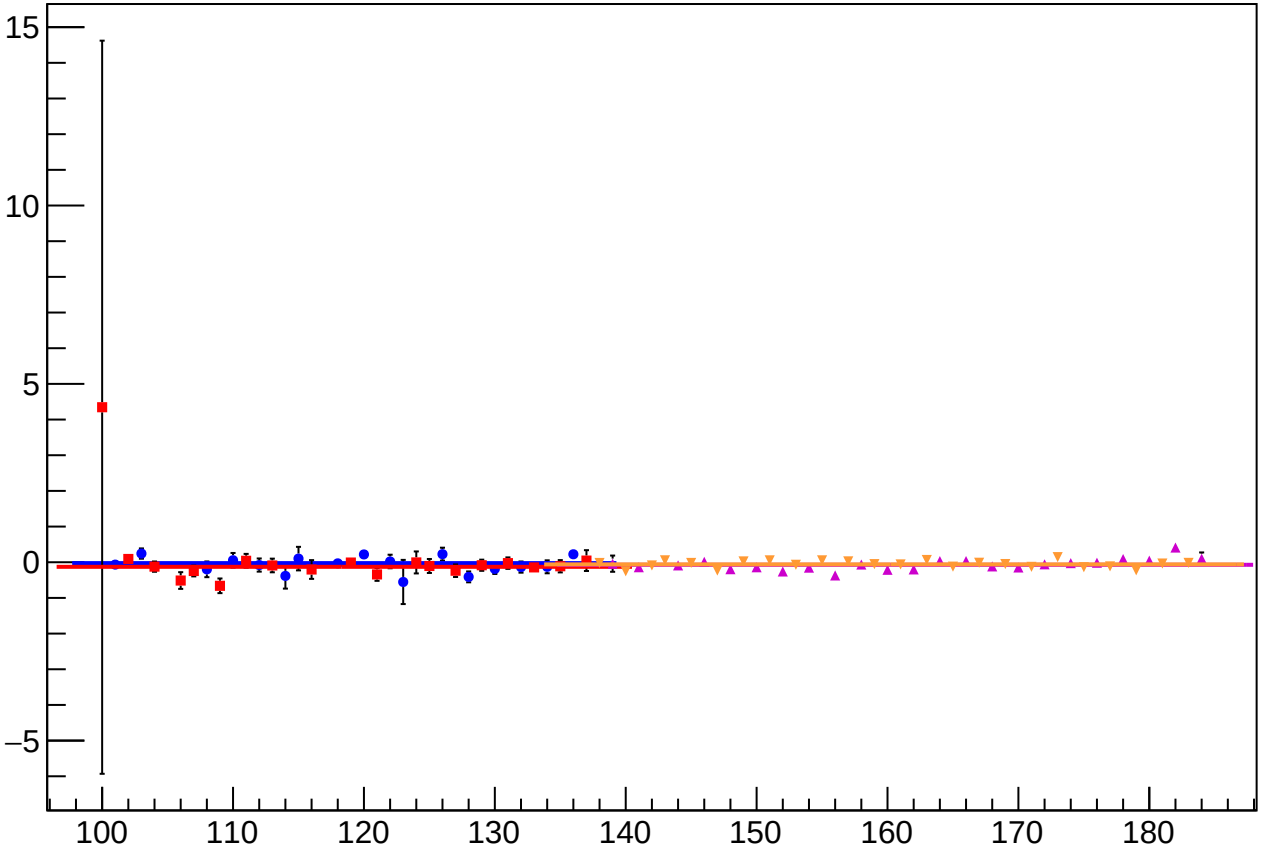
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.004+/-0.028 χ^2/NDF:28.2/22

Out: 0.012+/-0.027 χ^2/NDF:28.9/23

All: 0.008+/-0.019 χ^2/NDF: 57.1/46

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.060+/-0.021 χ^2/NDF:24.3/23

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

Left: -0.066+/-0.015 χ^2/NDF: 73.2/46

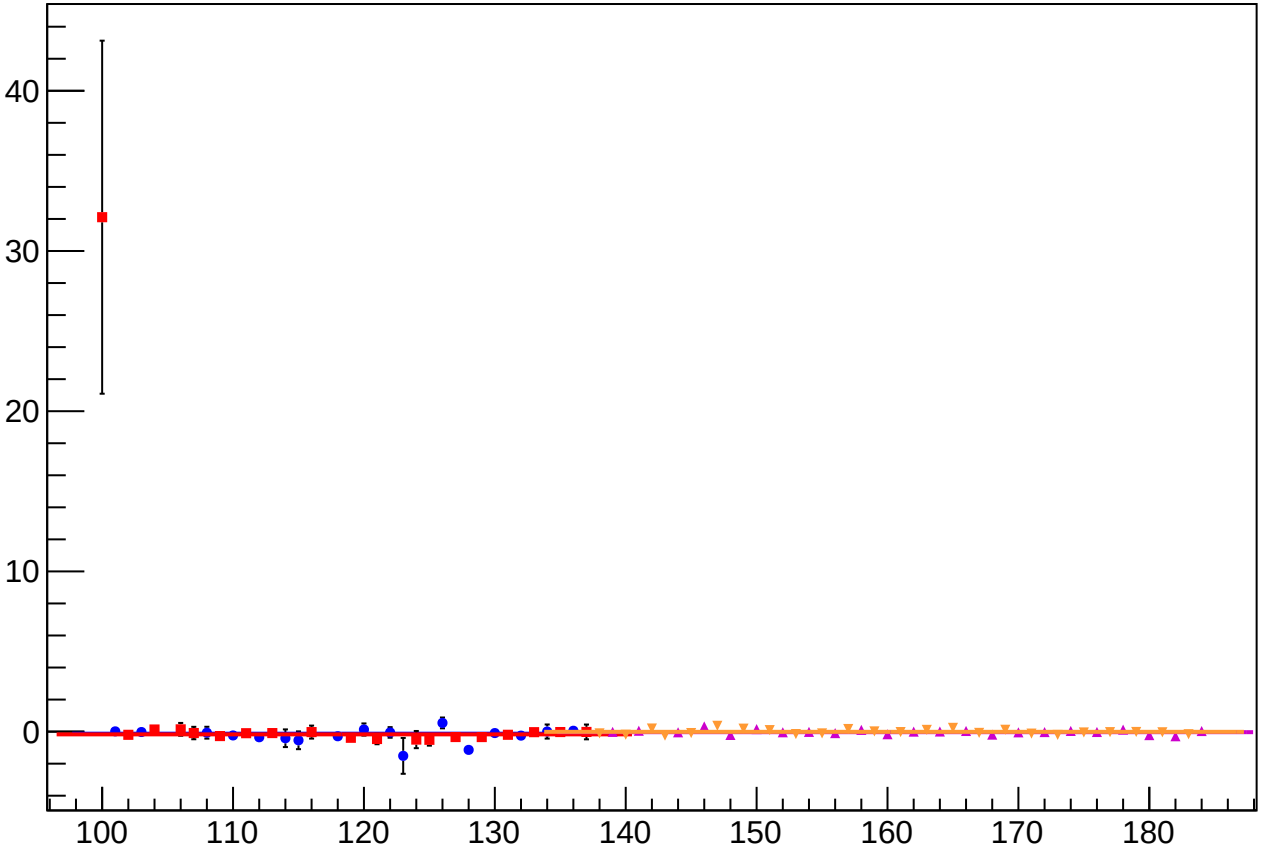
Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.059+/-0.019 χ^2/NDF:73.3/39

Out: -0.075+/-0.019 χ^2/NDF:44.2/42

All: -0.067+/-0.013 χ^2/NDF: 118.0/82

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+/-0.027 χ^2/NDF:26.8/23

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

Left: -0.024+/-0.019 χ^2/NDF: 54.9/46

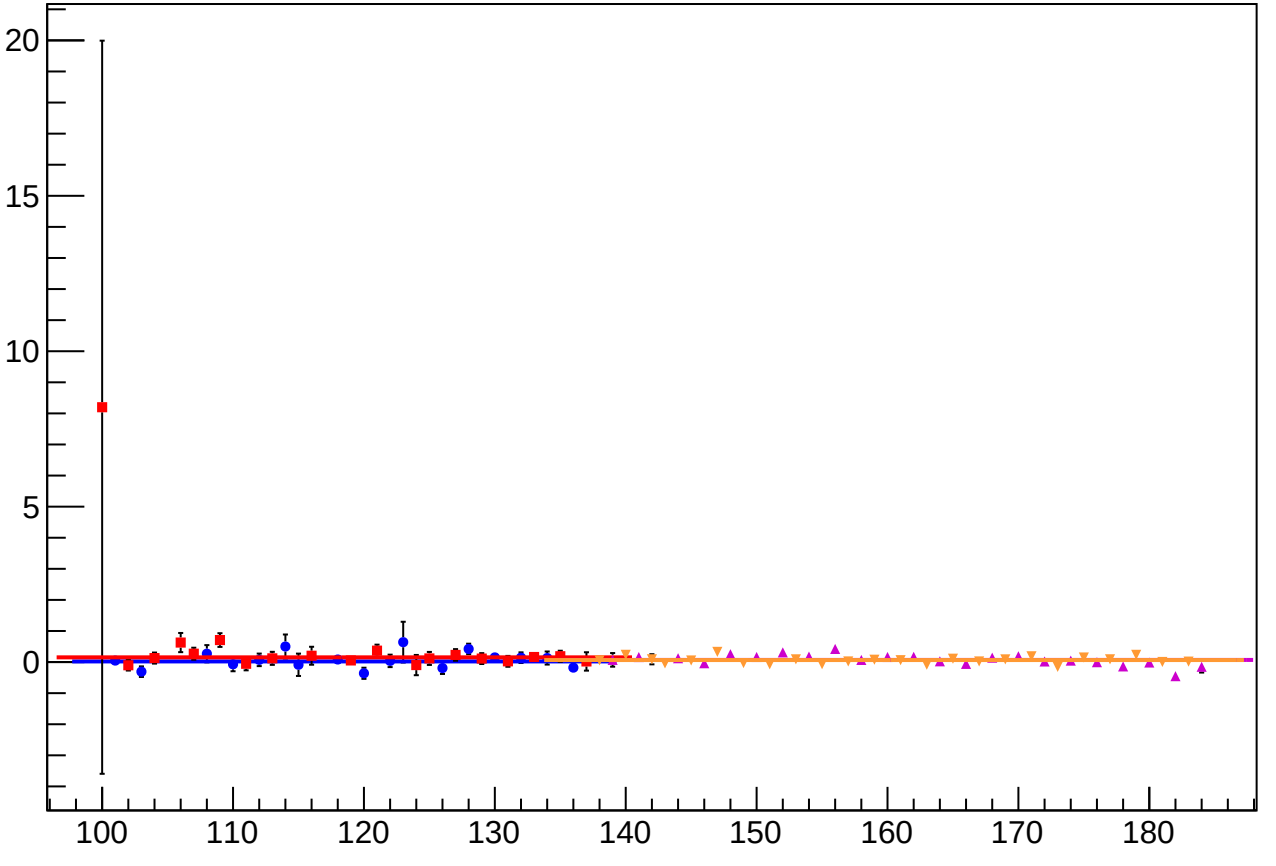
Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.048+/-0.025 χ^2/NDF:53.2/39

Out: -0.034+/-0.025 χ^2/NDF:46.2/42

All: -0.041+/-0.018 χ^2/NDF: 99.5/82

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.065+/-0.024 χ^2/NDF:23.5/23

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

Left: 0.067+/-0.017 χ^2/NDF: 75.0/46

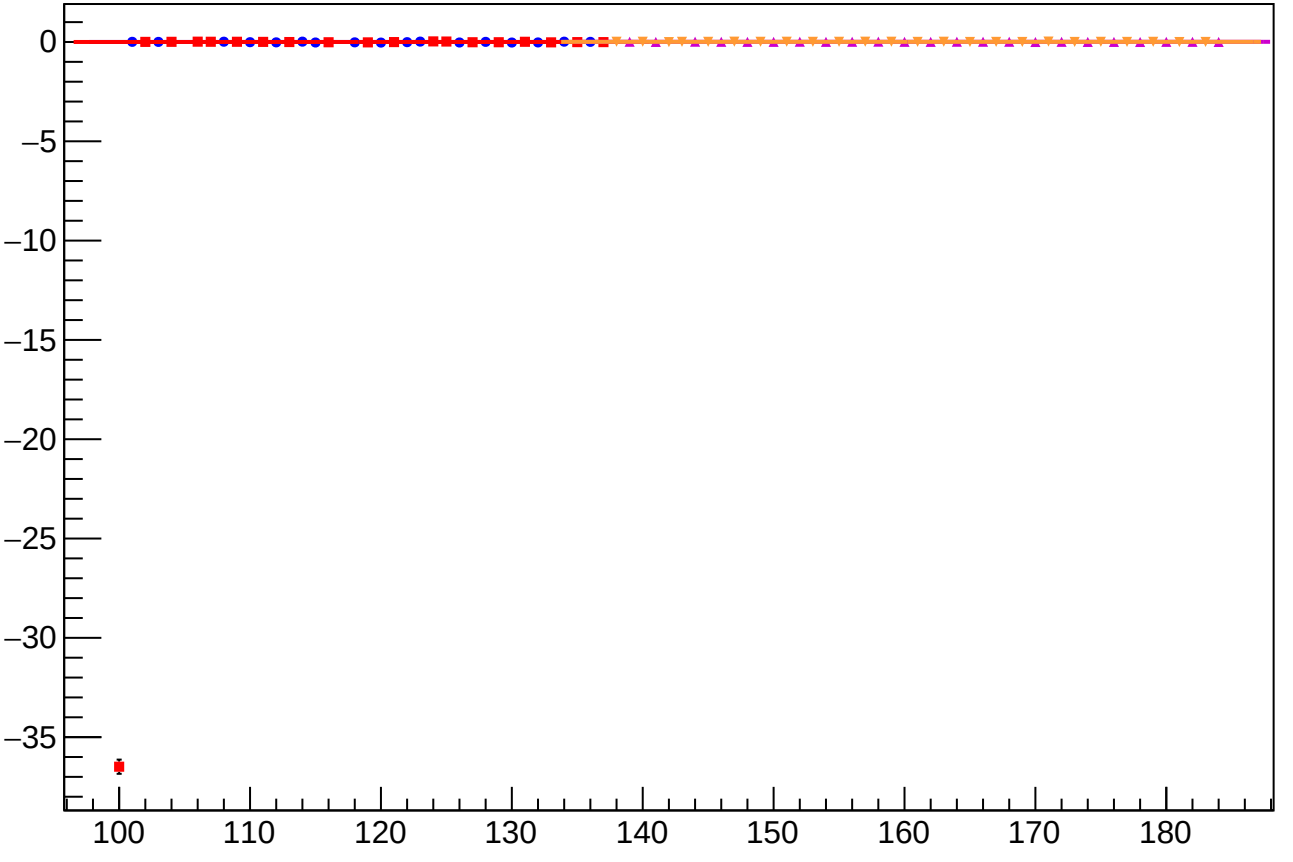
Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.057+/-0.021 χ^2/NDF:74.9/39

Out: 0.084+/-0.021 χ^2/NDF:42.6/42

All: 0.070+/-0.015 χ^2/NDF: 118.4/82

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.008+/-0.001 χ^2/NDF:25.7/23

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

Left: 0.009+/-0.001 χ^2/NDF: 41.8/46

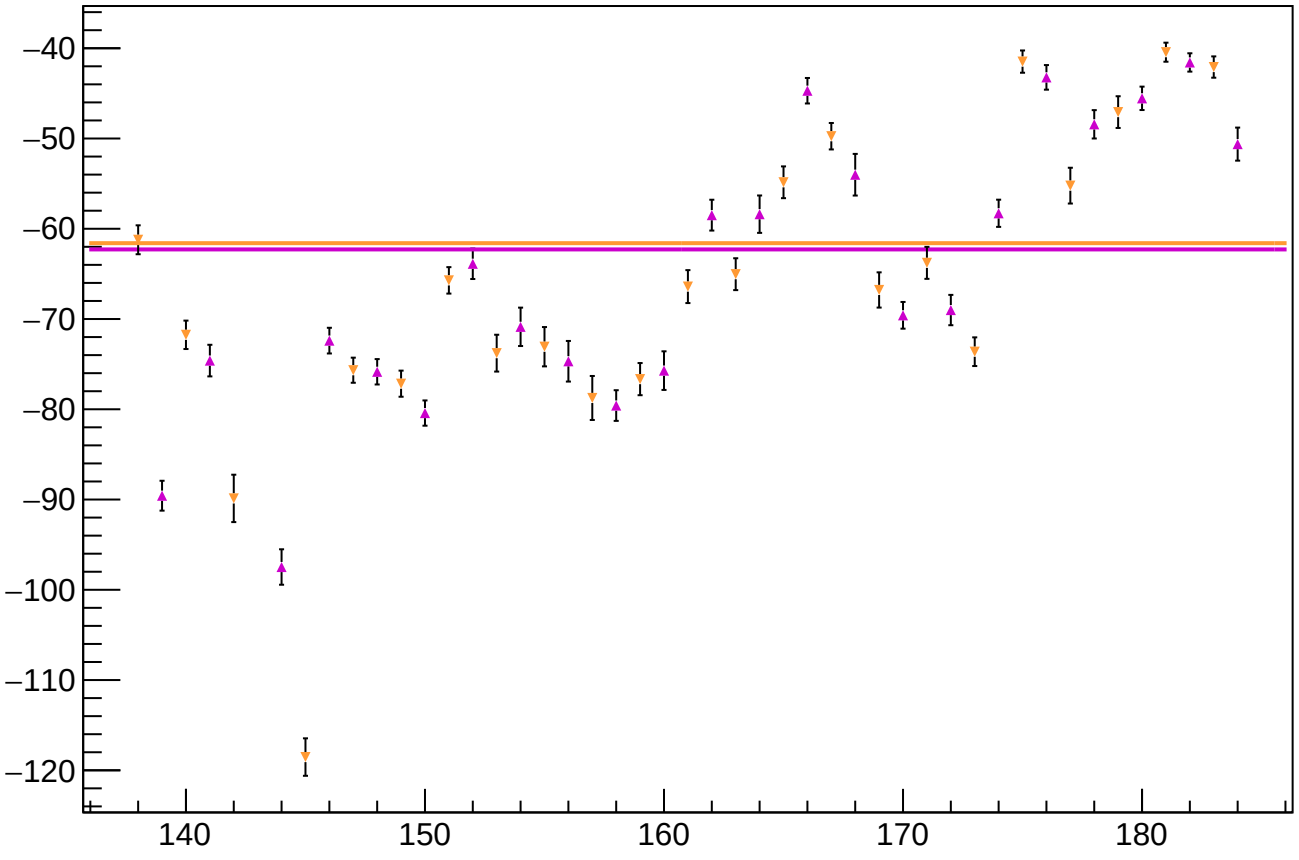
Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.008+/-0.001 χ^2/NDF:58.3/39

Out: 0.007+/-0.001 χ^2/NDF:10482.9/42

All: 0.007+/-0.001 χ^2/NDF: 10541.5/82

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -61.597+/-0.337 χ^2/NDF:2497.5/22

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

Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

Left: -61.949+/-0.236 χ^2/NDF: 4764.7/45

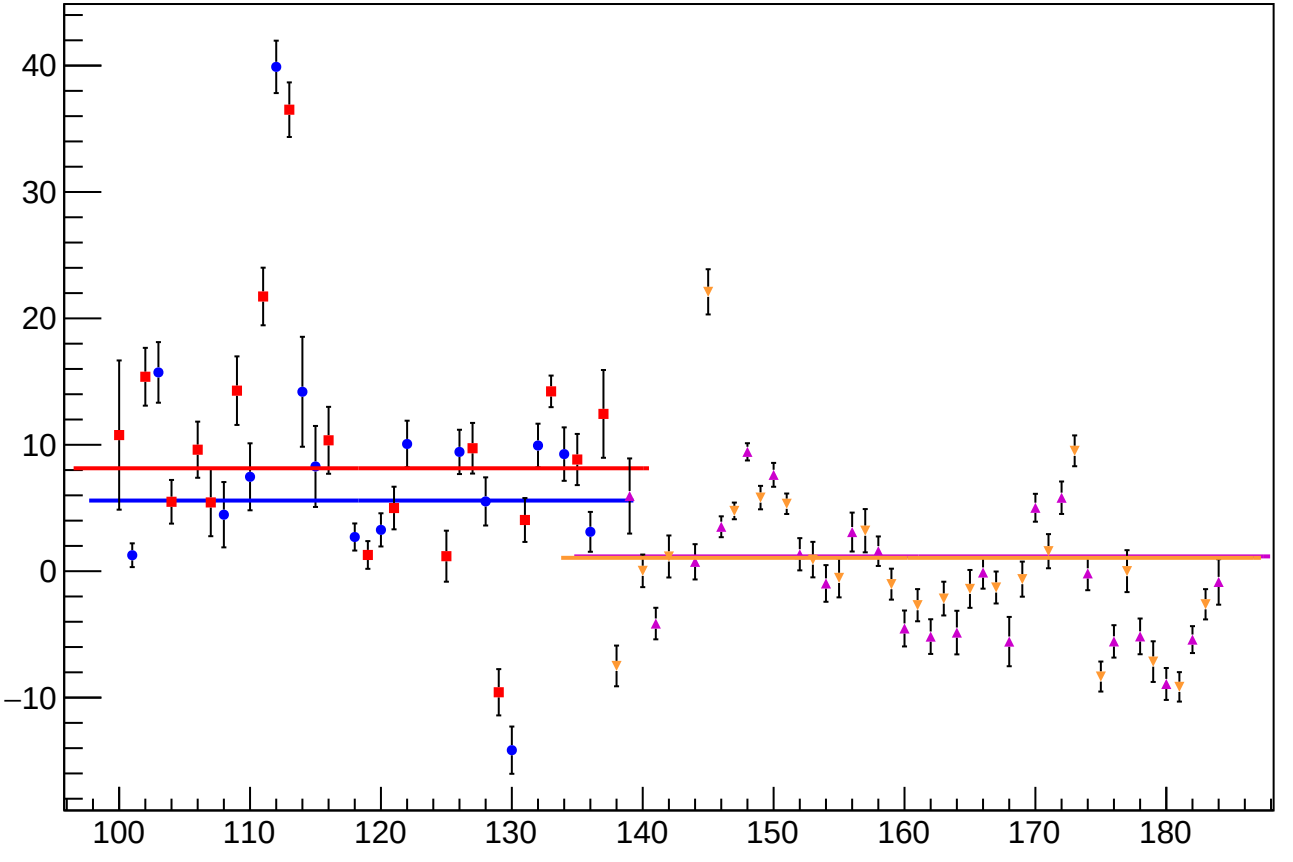
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -62.290+/-0.331 χ^2/NDF:2265.0/22

Out: -61.597+/-0.337 χ^2/NDF:2497.5/22

All: -61.949+/-0.236 χ^2/NDF: 4764.7/45

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: 1.058+/-0.254 χ^2/NDF:504.5/22

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

Left: 1.114+/-0.180 χ^2/NDF: 970.9/45

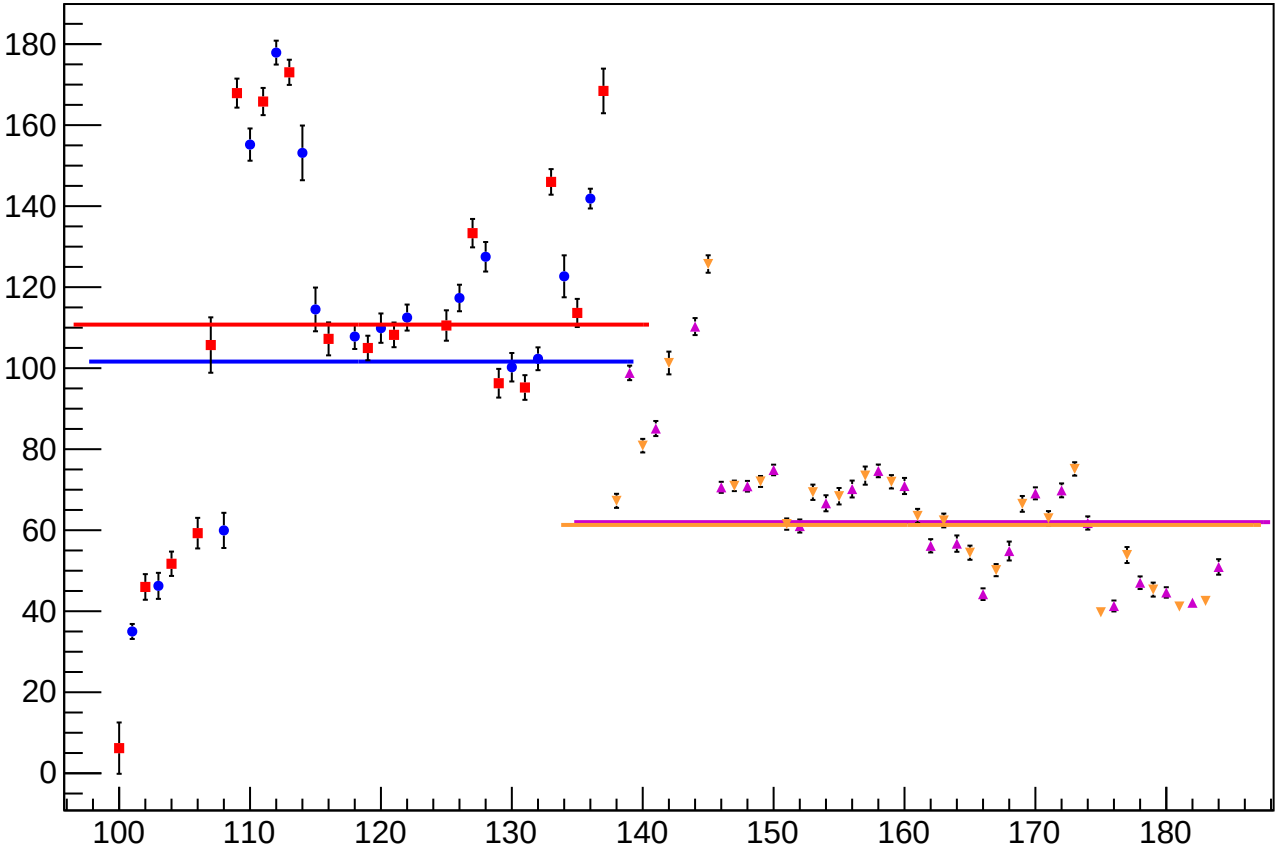
Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 2.345+/-0.218 χ^2/NDF:1008.9/38

Out: 2.751+/-0.222 χ^2/NDF:1097.8/40

All: 2.545+/-0.156 χ^2/NDF: 2108.4/79

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: 61.306+/-0.335 χ^2/NDF:2591.4/22

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

Left: 61.657+/-0.235 χ^2/NDF: 5111.2/45

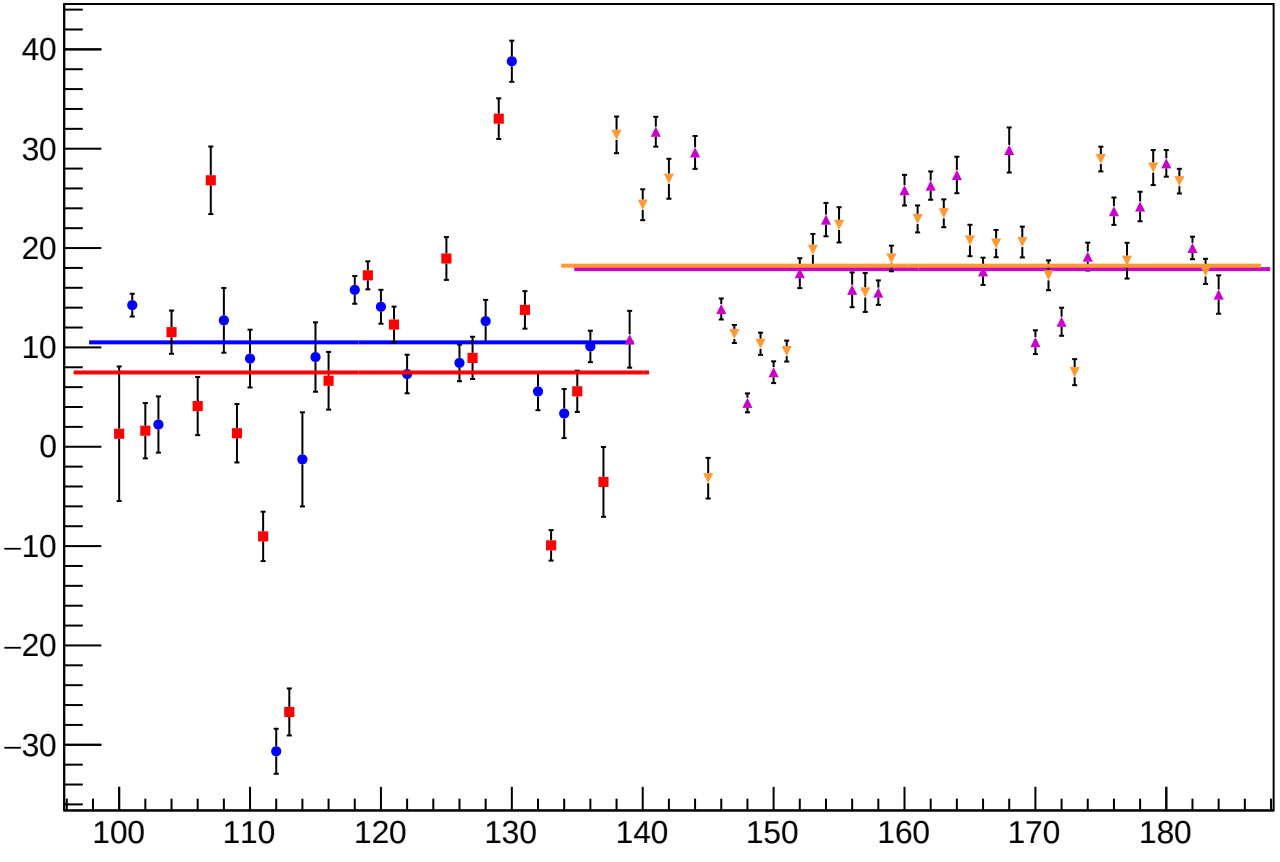
Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 67.642+/-0.305 χ^2/NDF:7565.4/38

Out: 68.151+/-0.311 χ^2/NDF:8117.5/40

All: 67.891+/-0.218 χ^2/NDF: 15684.2/79

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: 18.226+/-0.293 χ^2/NDF:629.7/22

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

Left: 18.053+/-0.207 χ^2/NDF: 1361.3/45

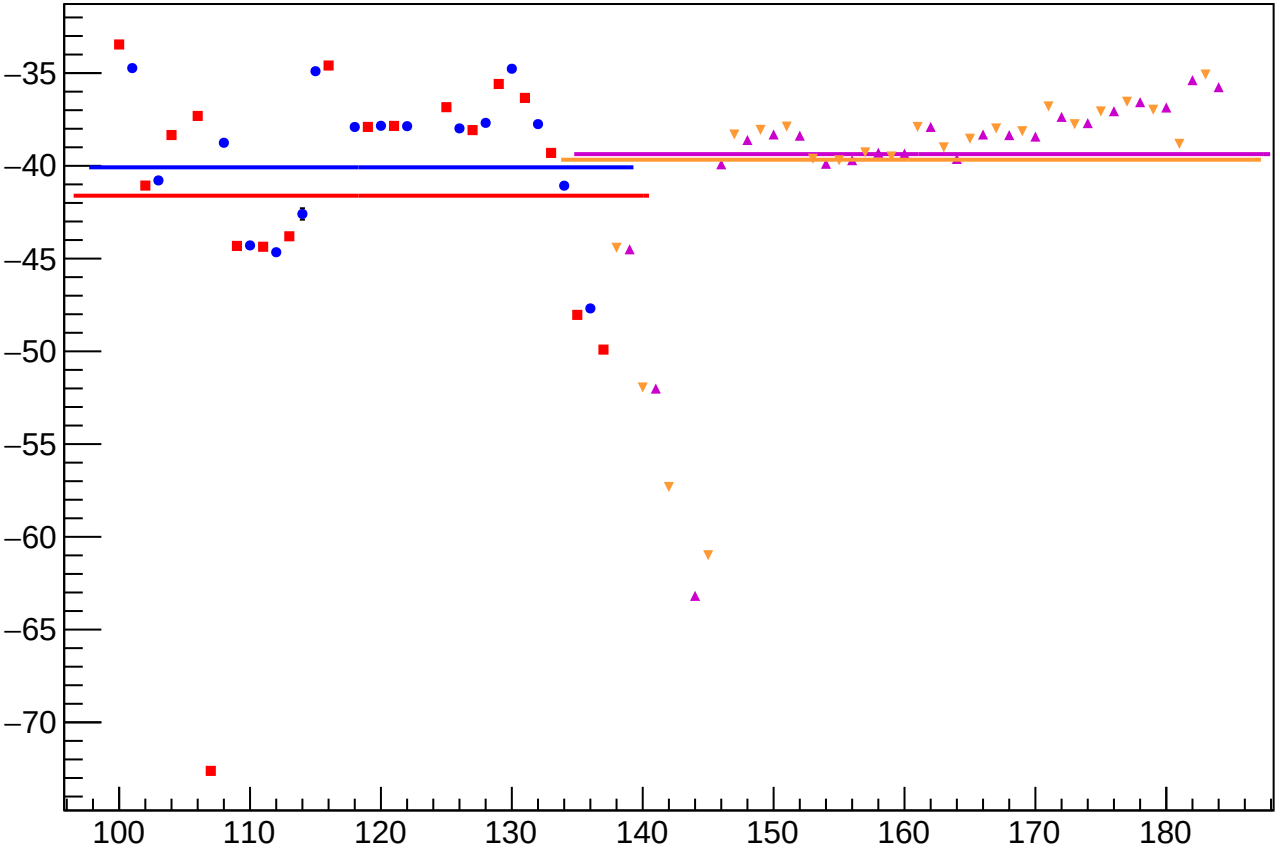
Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 15.964+/-0.251 χ^2/NDF:1478.6/38

Out: 15.665+/-0.256 χ^2/NDF:1639.6/40

All: 15.817+/-0.179 χ^2/NDF: 3118.8/79

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: -39.669+/-0.014 χ^2/NDF:138783.6/22

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

Left: -39.515+/-0.010 χ^2/NDF: 256983.4/45

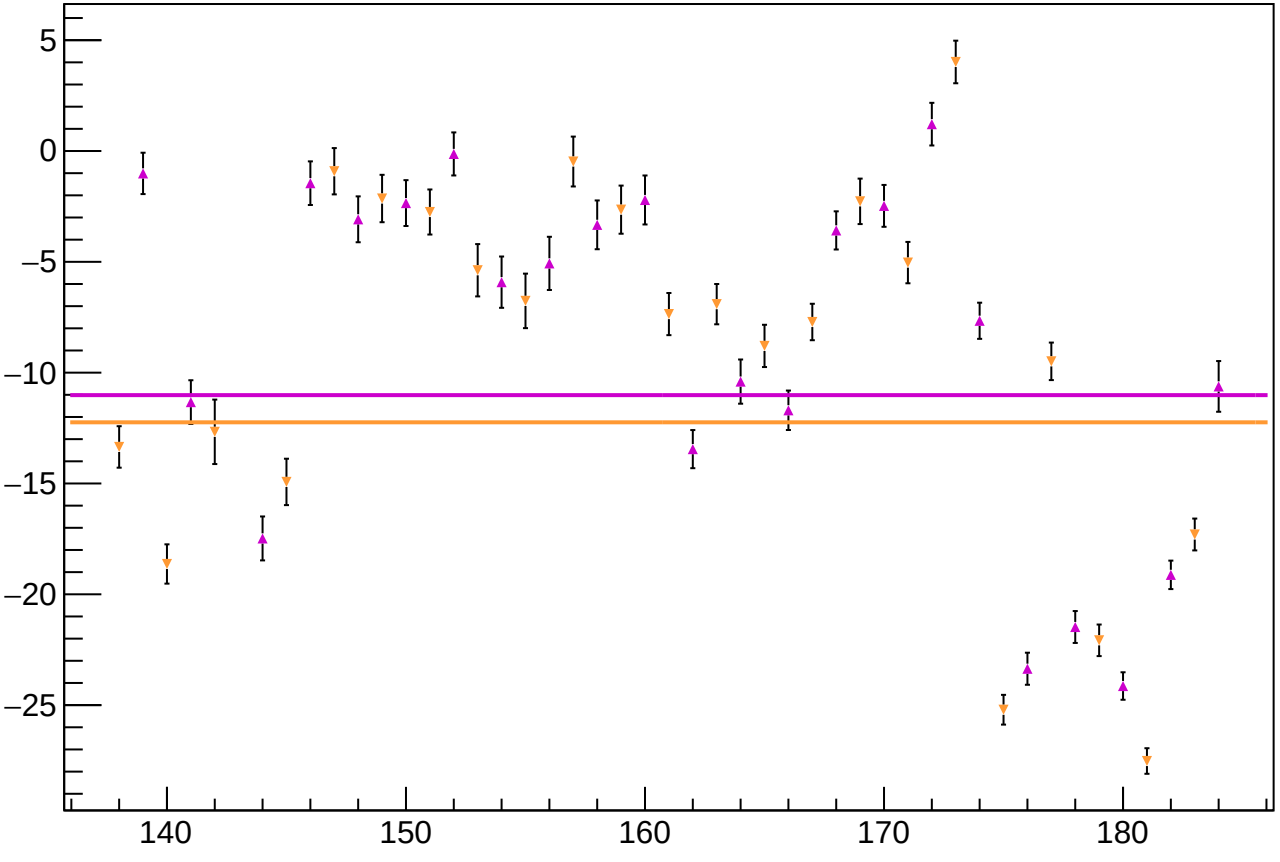
Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -39.501+/-0.012 χ^2/NDF:143599.9/38

Out: -40.040+/-0.012 χ^2/NDF:204295.8/40

All: -39.765+/-0.009 χ^2/NDF: 348847.8/79

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: -12.241+/-0.188 χ^2/NDF:2464.9/22

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

Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

Left: -11.623+/-0.133 χ^2/NDF: 4602.8/45

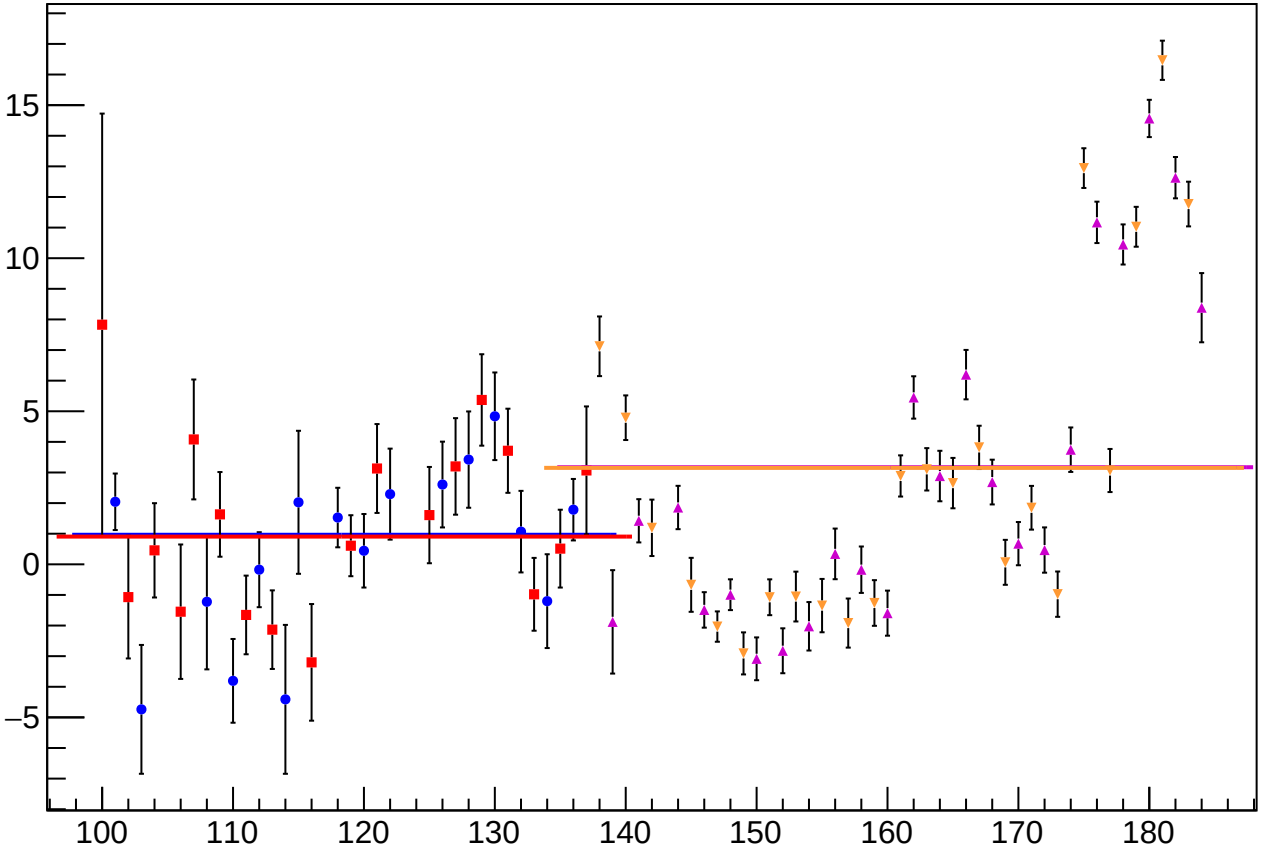
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.014+/-0.187 χ^2/NDF:2116.6/22

Out: -12.241+/-0.188 χ^2/NDF:2464.9/22

All: -11.623+/-0.133 χ^2/NDF: 4602.8/45

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: 3.151+/-0.149 χ^2/NDF:1411.3/22

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

Left: 3.162+/-0.105 χ^2/NDF: 2709.3/45

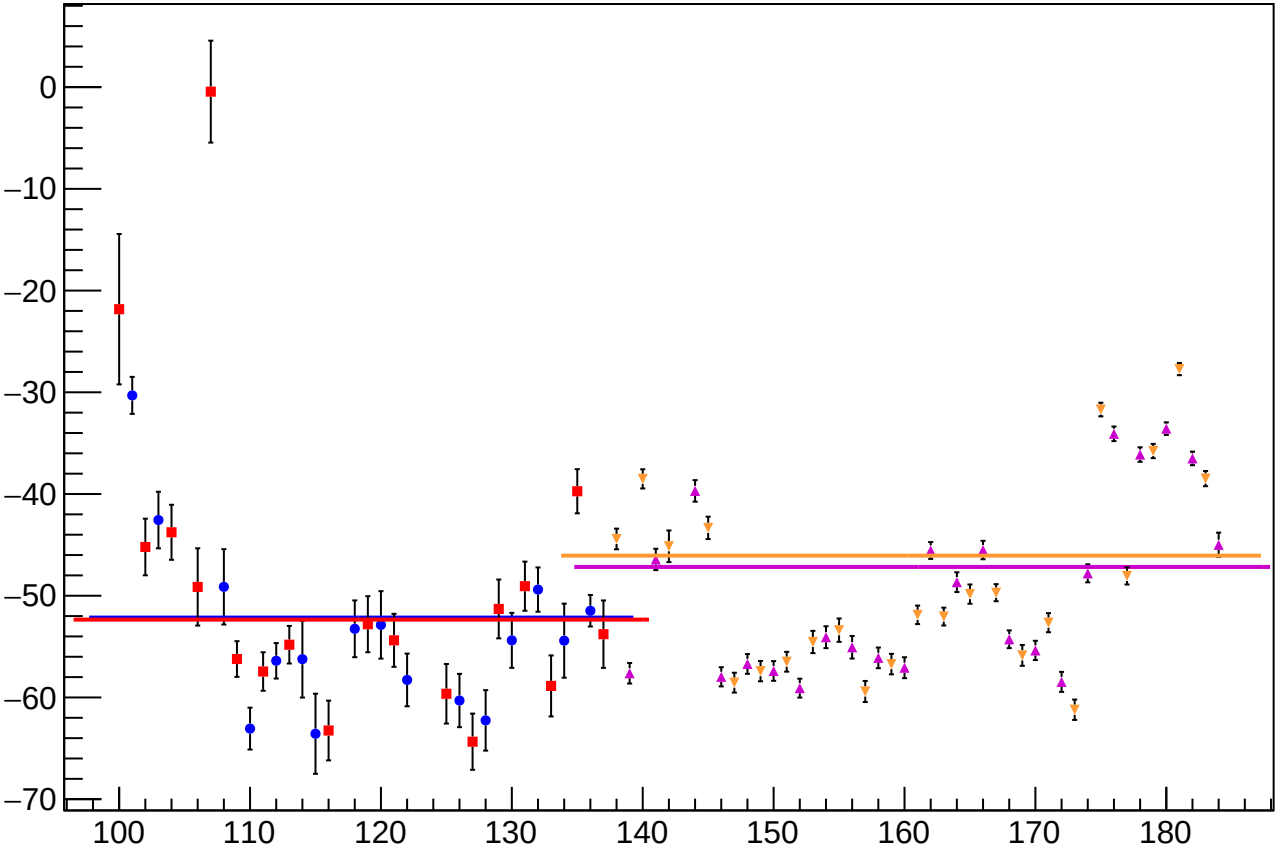
Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: 2.811+/-0.137 χ^2/NDF:1376.5/38

Out: 2.814+/-0.137 χ^2/NDF:1487.5/40

All: 2.812+/-0.097 χ^2/NDF: 2864.0/79

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: -46.056+/-0.188 χ^2/NDF:3068.1/22

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

Left: -46.617+/-0.132 χ^2/NDF: 5612.1/45

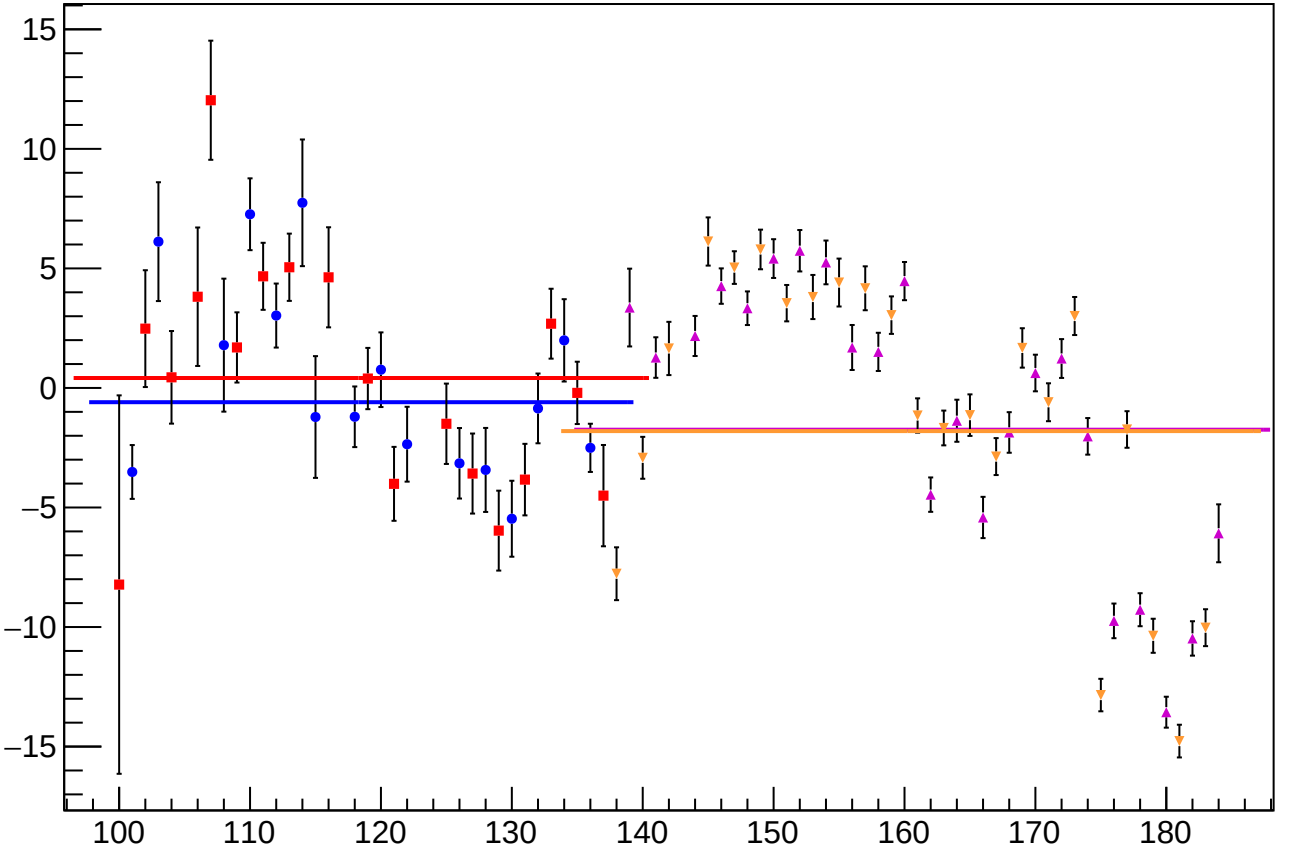
Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -47.593+/-0.178 χ^2/NDF:2817.1/38

Out: -46.592+/-0.180 χ^2/NDF:3399.3/40

All: -47.096+/-0.127 χ^2/NDF: 6232.0/79

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: -1.805+/-0.168 χ^2/NDF:1433.6/22

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

Left: -1.775+/-0.119 χ^2/NDF: 2687.8/45

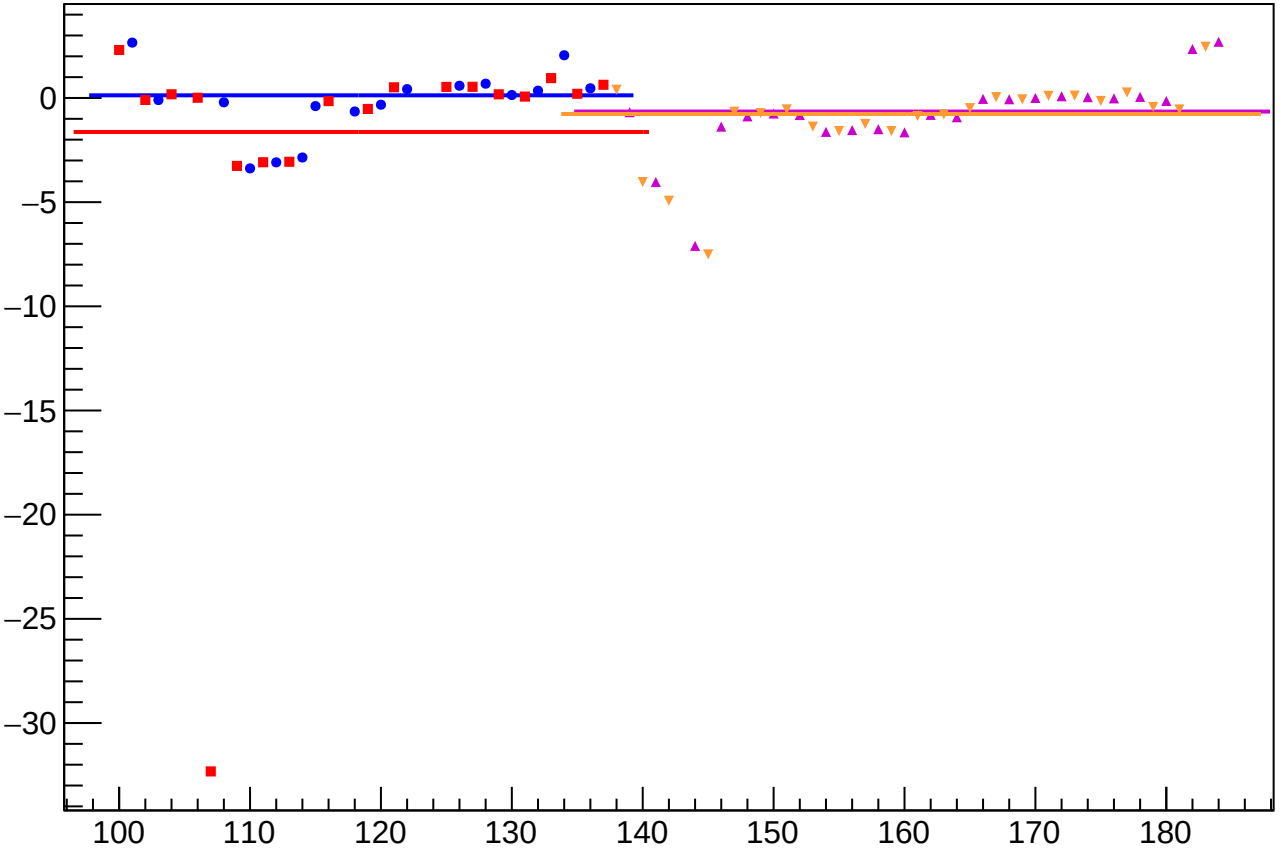
Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: -1.560+/-0.154 χ^2/NDF:1344.2/38

Out: -1.471+/-0.155 χ^2/NDF:1555.6/40

All: -1.516+/-0.109 χ^2/NDF: 2900.0/79

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: -0.768+/-0.008 χ^2/NDF:50165.1/22

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

Left: -0.709+/-0.005 χ^2/NDF: 94447.3/45

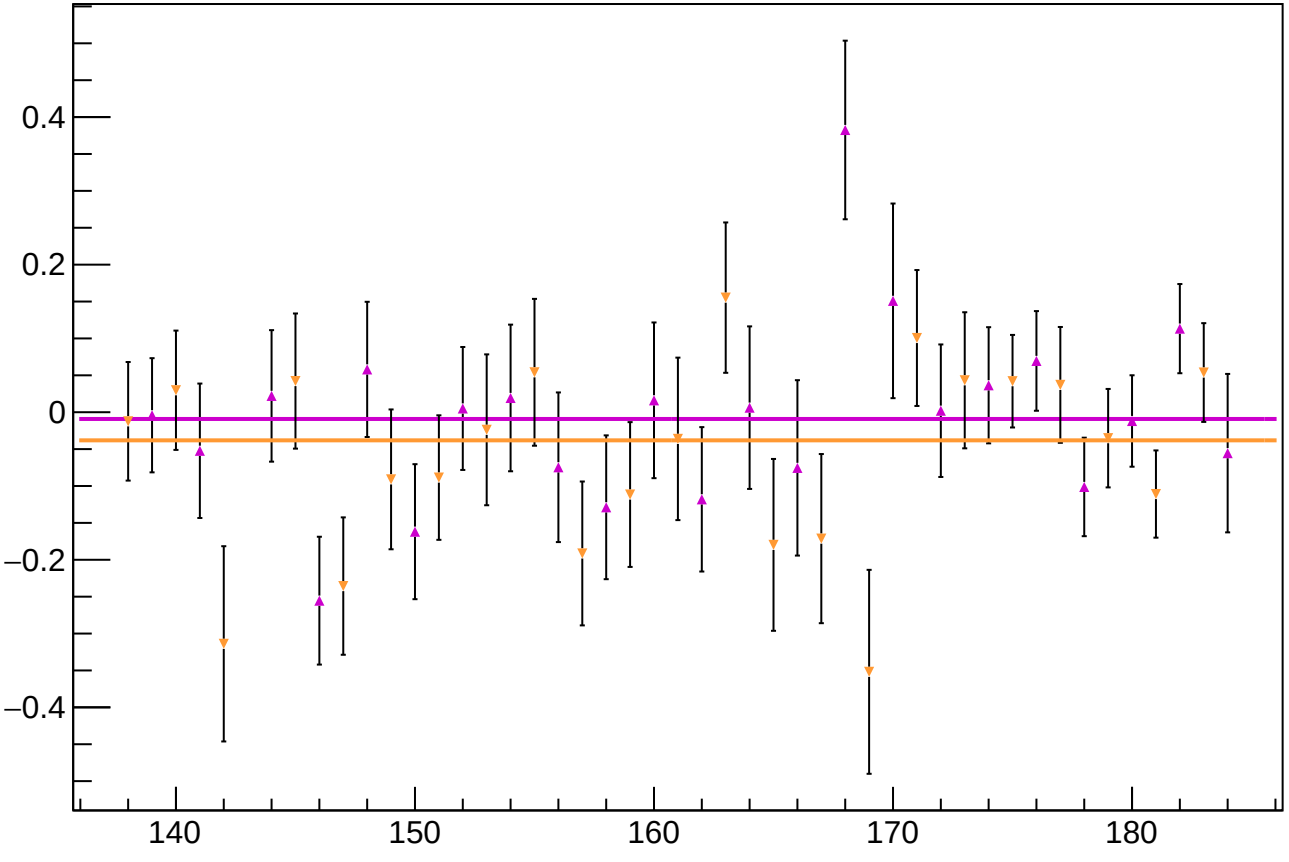
Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -0.564+/-0.007 χ^2/NDF:50587.6/38

Out: -0.864+/-0.007 χ^2/NDF:129436.7/40

All: -0.712+/-0.005 χ^2/NDF: 180883.9/79

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: -0.038+/-0.018 χ^2/NDF:35.6/22

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

Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

Left: -0.024+/-0.013 χ^2/NDF: 72.1/45

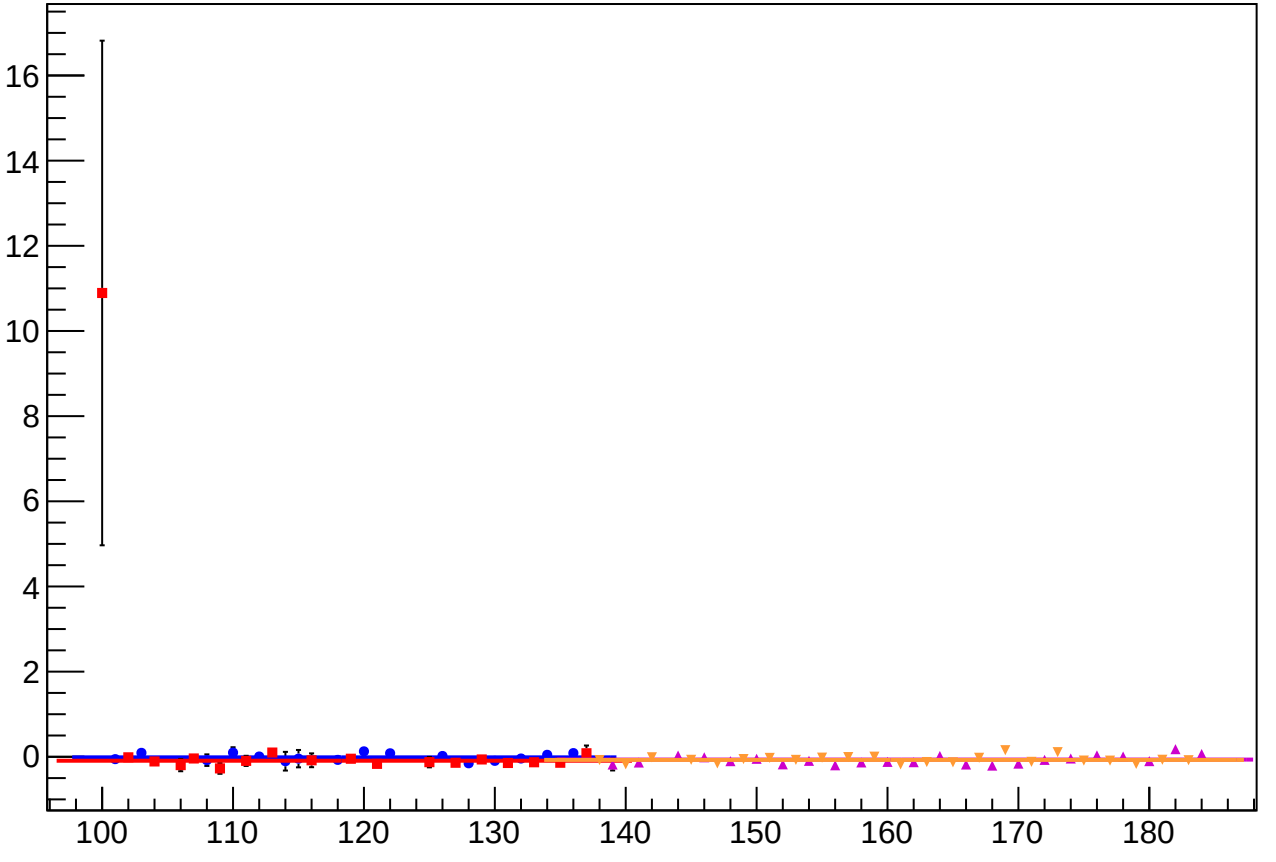
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.009+/-0.018 χ^2/NDF:35.3/22

Out: -0.038+/-0.018 χ^2/NDF:35.6/22

All: -0.024+/-0.013 χ^2/NDF: 72.1/45

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: -0.073+/-0.014 χ^2/NDF:27.8/22

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

Left: -0.069+/-0.010 χ^2/NDF: 68.3/45

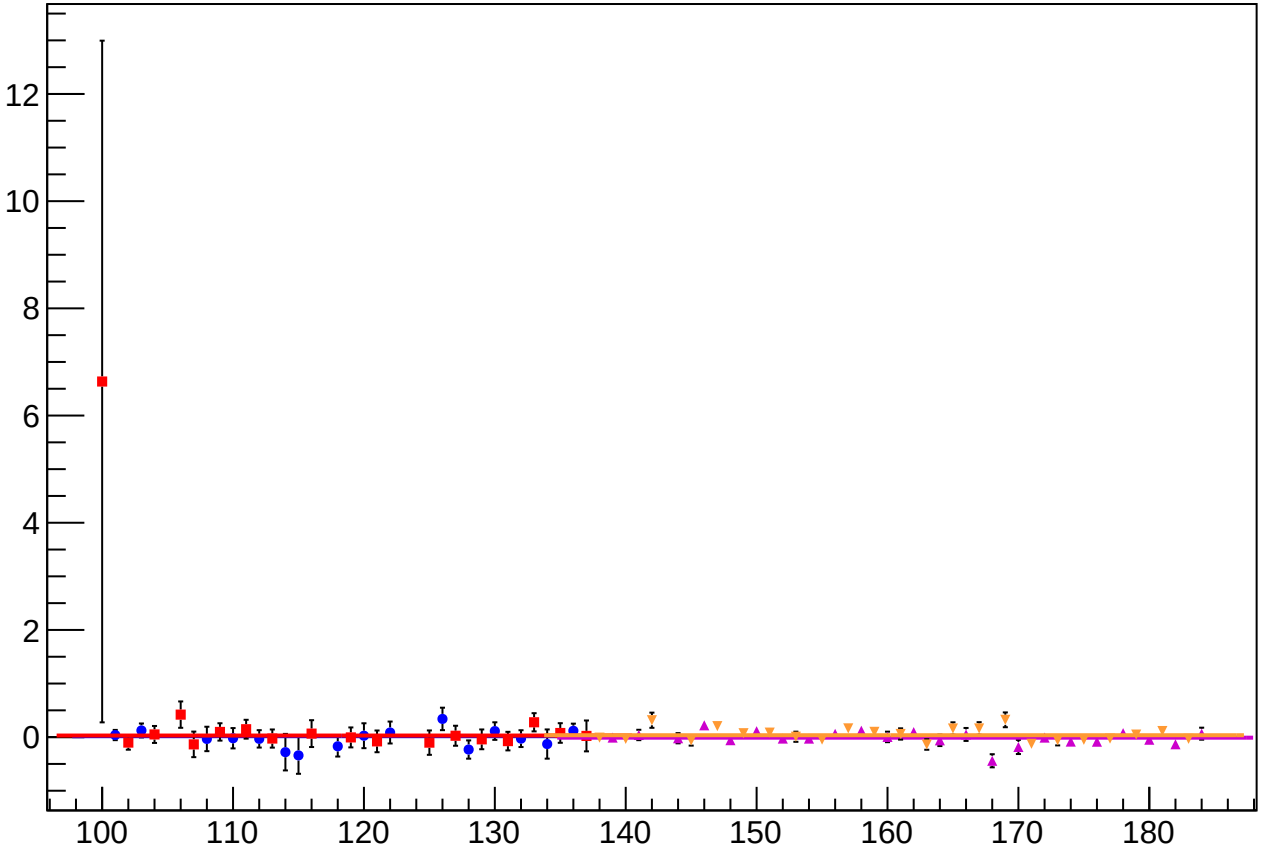
Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.051+/-0.012 χ^2/NDF:56.3/38

Out: -0.078+/-0.012 χ^2/NDF:40.9/40

All: -0.064+/-0.009 χ^2/NDF: 99.6/79

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF: 9.6/15

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/22

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

Left: 0.013+/-0.013 χ^2/NDF: 72.7/45

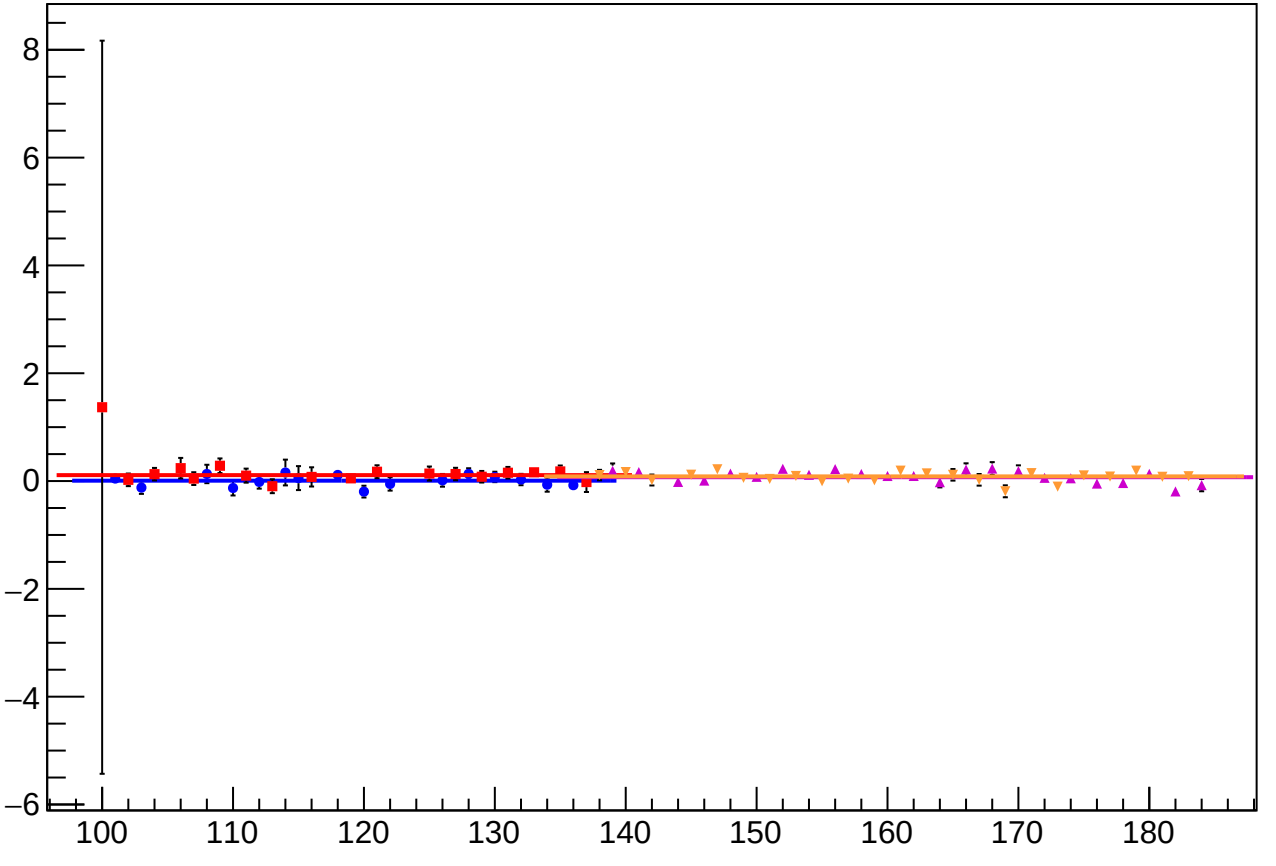
Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: -0.006+/-0.017 χ^2/NDF:47.1/38

Out: 0.035+/-0.017 χ^2/NDF:41.6/40

All: 0.014+/-0.012 χ^2/NDF: 91.7/79

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: 0.086+/-0.016 χ^2/NDF:27.7/22

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

Left: 0.079+/-0.011 χ^2/NDF: 72.1/45

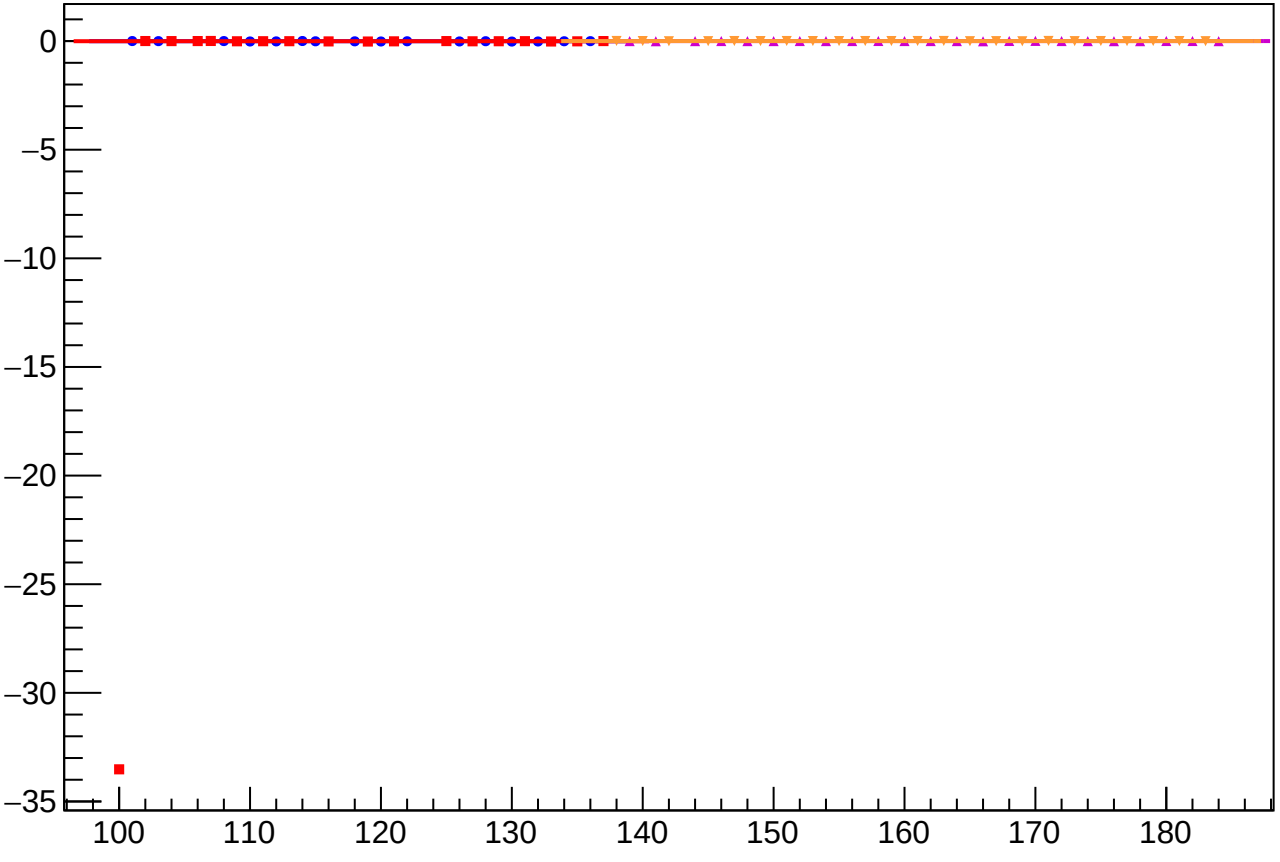
Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.054+/-0.014 χ^2/NDF:60.3/38

Out: 0.092+/-0.014 χ^2/NDF:36.2/40

All: 0.073+/-0.010 χ^2/NDF: 100.2/79

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: 0.000+/-0.001 χ^2/NDF:23.4/22

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

Left: 0.000+/-0.001 χ^2/NDF: 45.8/45

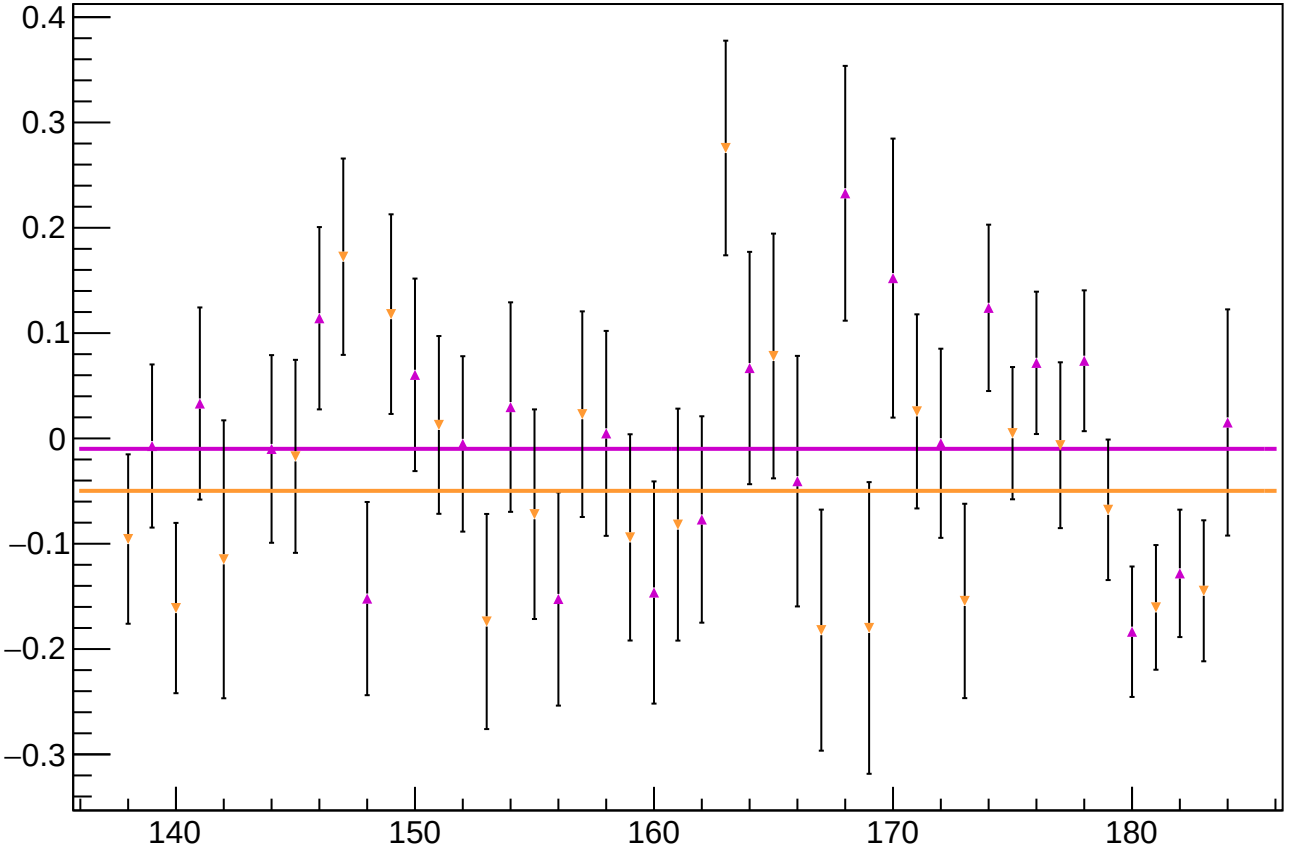
Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.001+/-0.001 χ^2/NDF:57.1/38

Out: -0.001+/-0.001 χ^2/NDF:26547.4/40

All: -0.001+/-0.000 χ^2/NDF: 26604.6/79

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: -0.050+/-0.018 χ^2/NDF:36.6/22

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

Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

Left: -0.030+/-0.013 χ^2/NDF: 72.3/45

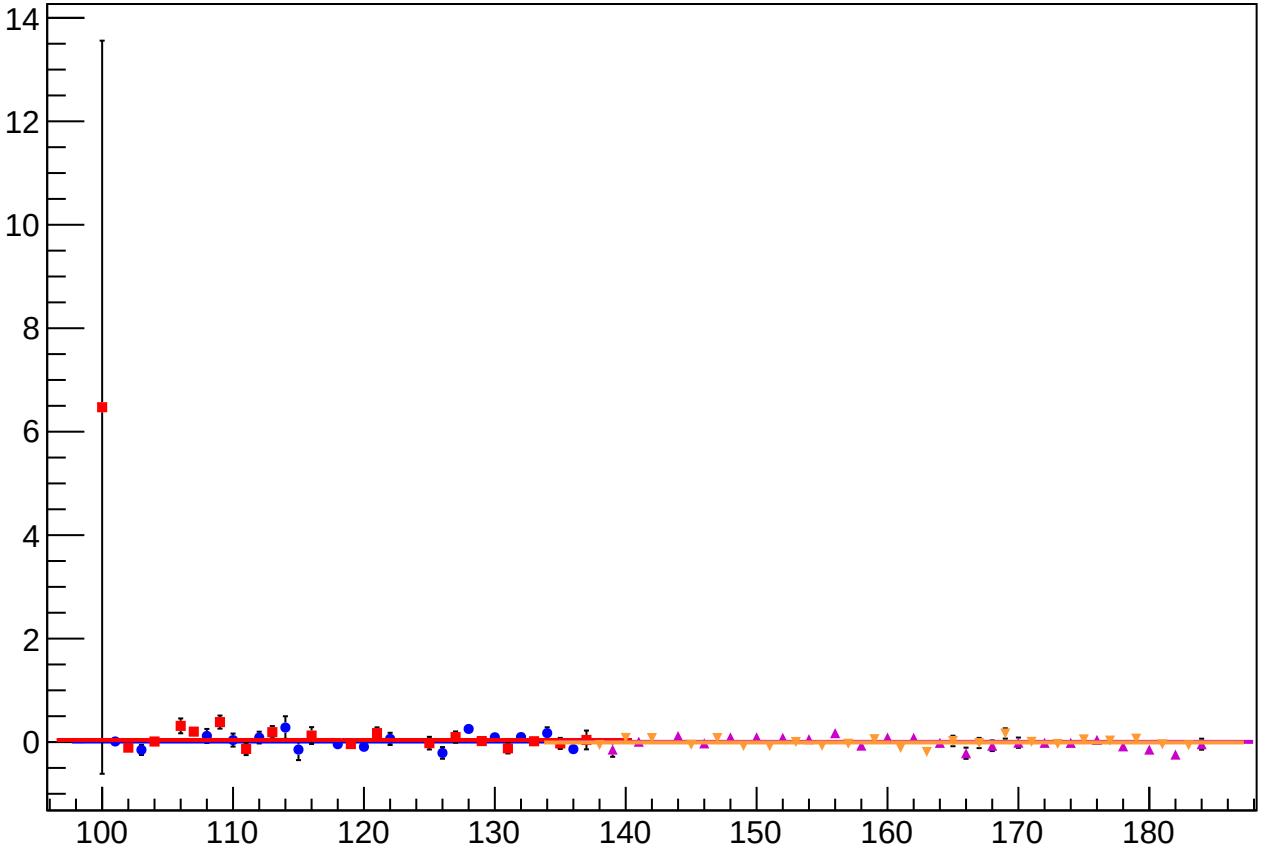
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.010+/-0.018 χ^2/NDF:33.3/22

Out: -0.050+/-0.018 χ^2/NDF:36.6/22

All: -0.030+/-0.013 χ^2/NDF: 72.3/45

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: -0.008+/-0.014 χ^2/NDF:26.8/22

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

Left: -0.002+/-0.010 χ^2/NDF: 77.4/45

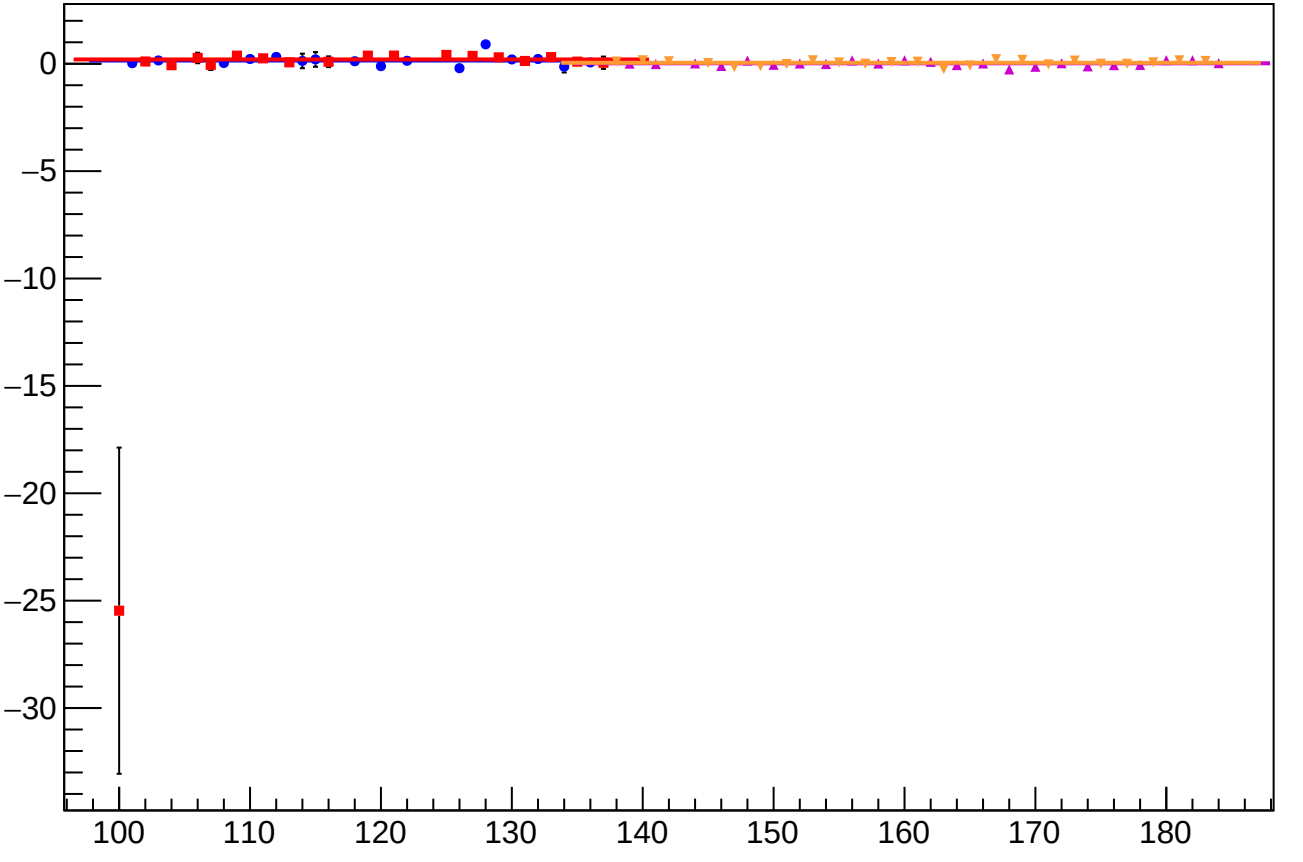
Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.006+/-0.012 χ^2/NDF:75.8/38

Out: 0.004+/-0.012 χ^2/NDF:57.6/40

All: 0.005+/-0.009 χ^2/NDF: 133.4/79

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: 0.046+/-0.018 χ^2/NDF:34.8/22

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

Left: 0.033+/-0.013 χ^2/NDF: 69.7/45

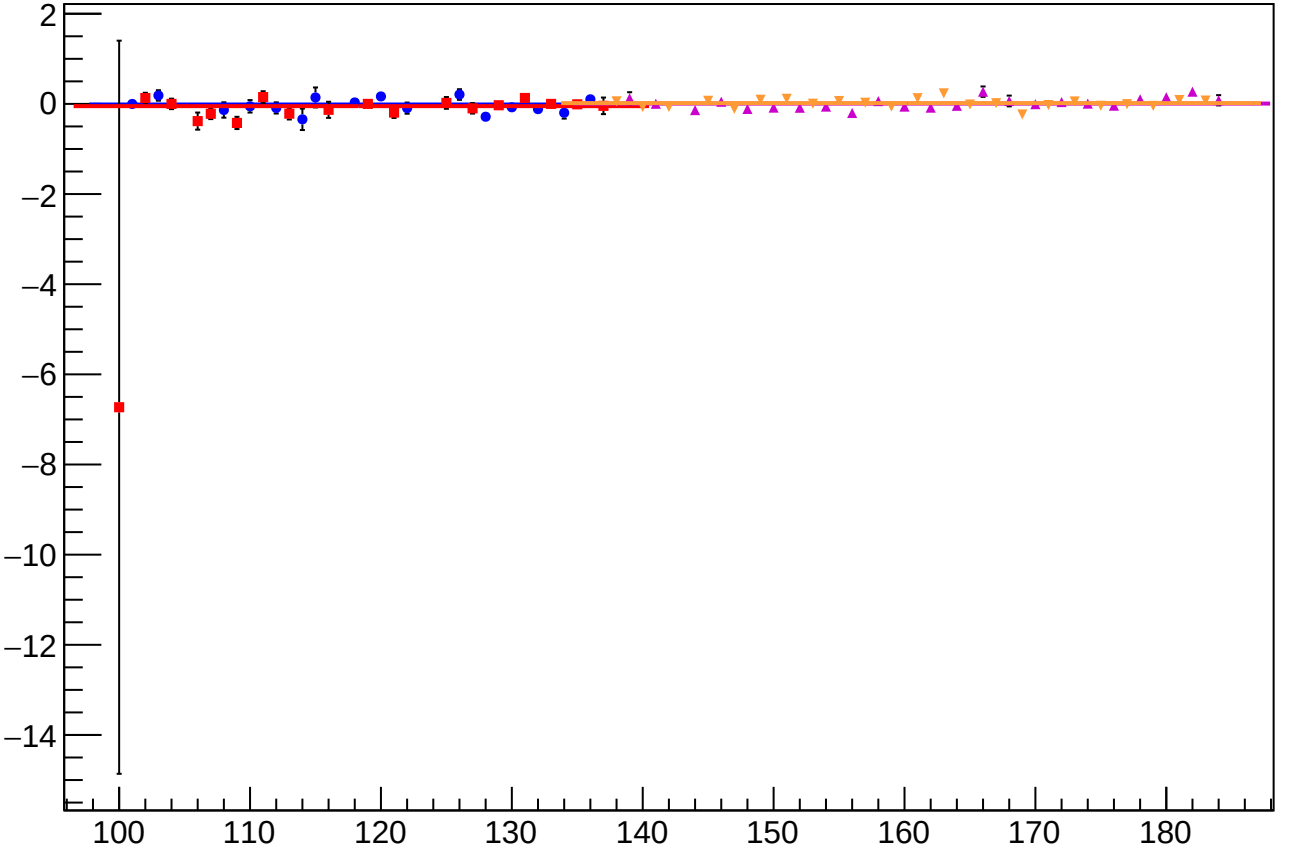
Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.041+/-0.017 χ^2/NDF:70.7/38

Out: 0.067+/-0.017 χ^2/NDF:67.8/40

All: 0.054+/-0.012 χ^2/NDF: 139.7/79

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+/-0.016 χ^2/NDF:29.6/22

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

Left: 0.012+/-0.011 χ^2/NDF: 80.5/45

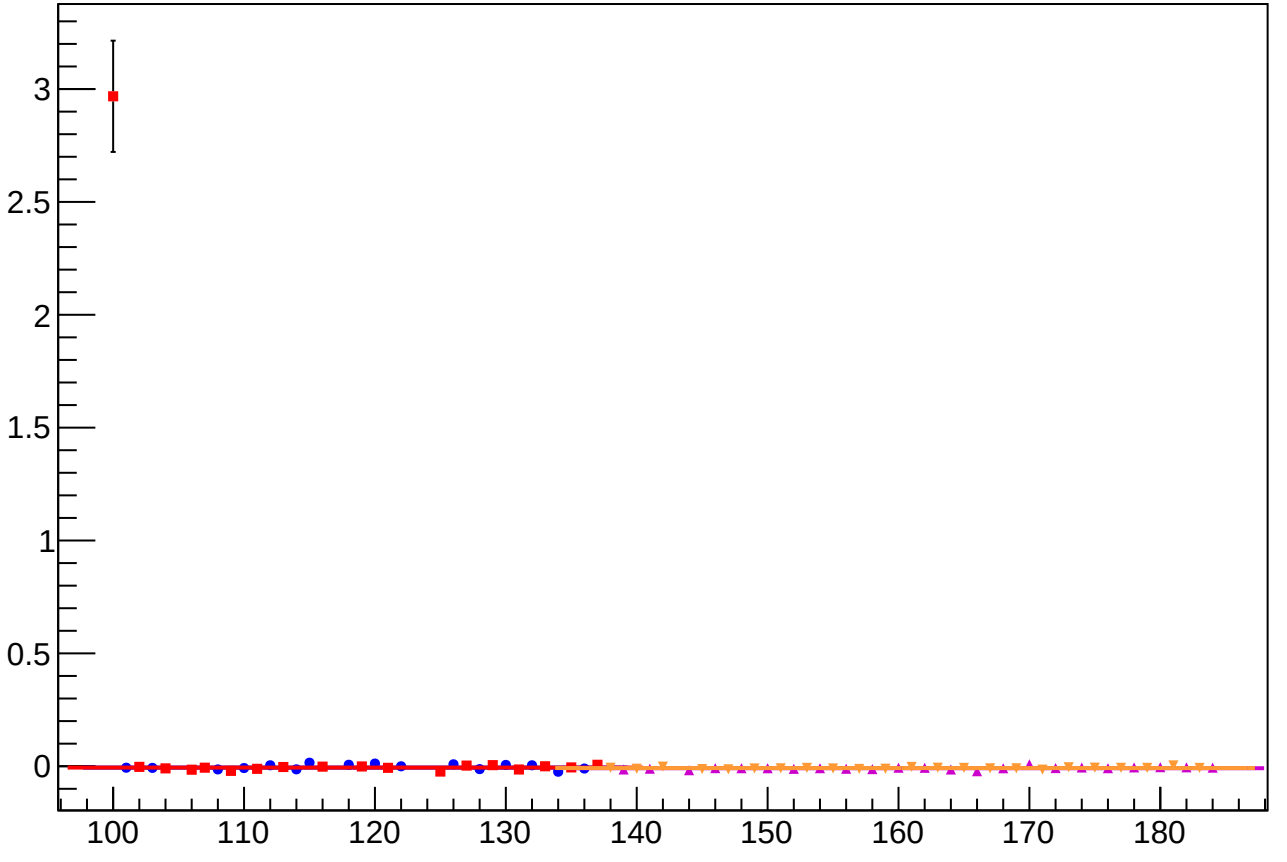
Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: 0.002+/-0.014 χ^2/NDF:76.3/38

Out: 0.001+/-0.014 χ^2/NDF:59.5/40

All: 0.001+/-0.010 χ^2/NDF: 135.8/79

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: -0.008+/-0.001 χ^2/NDF:29.7/22

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

Left: -0.008+/-0.001 χ^2/NDF: 69.4/45

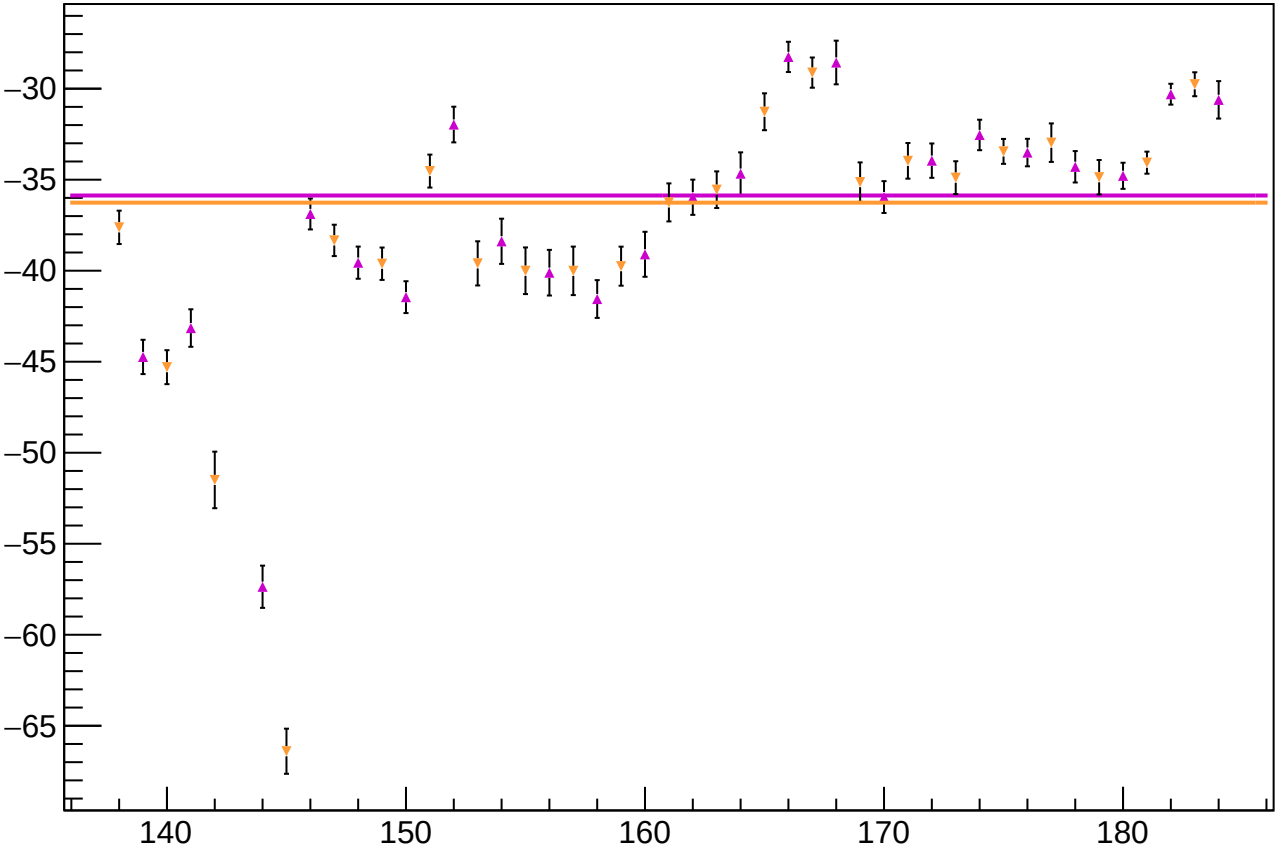
Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.008+/-0.001 χ^2/NDF:71.1/38

Out: -0.008+/-0.001 χ^2/NDF:197.1/40

All: -0.008+/-0.000 χ^2/NDF: 268.6/79

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -36.262+/-0.194 χ^2/NDF:1089.1/22

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

Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

Left: -36.062+/-0.136 χ^2/NDF: 1978.3/45

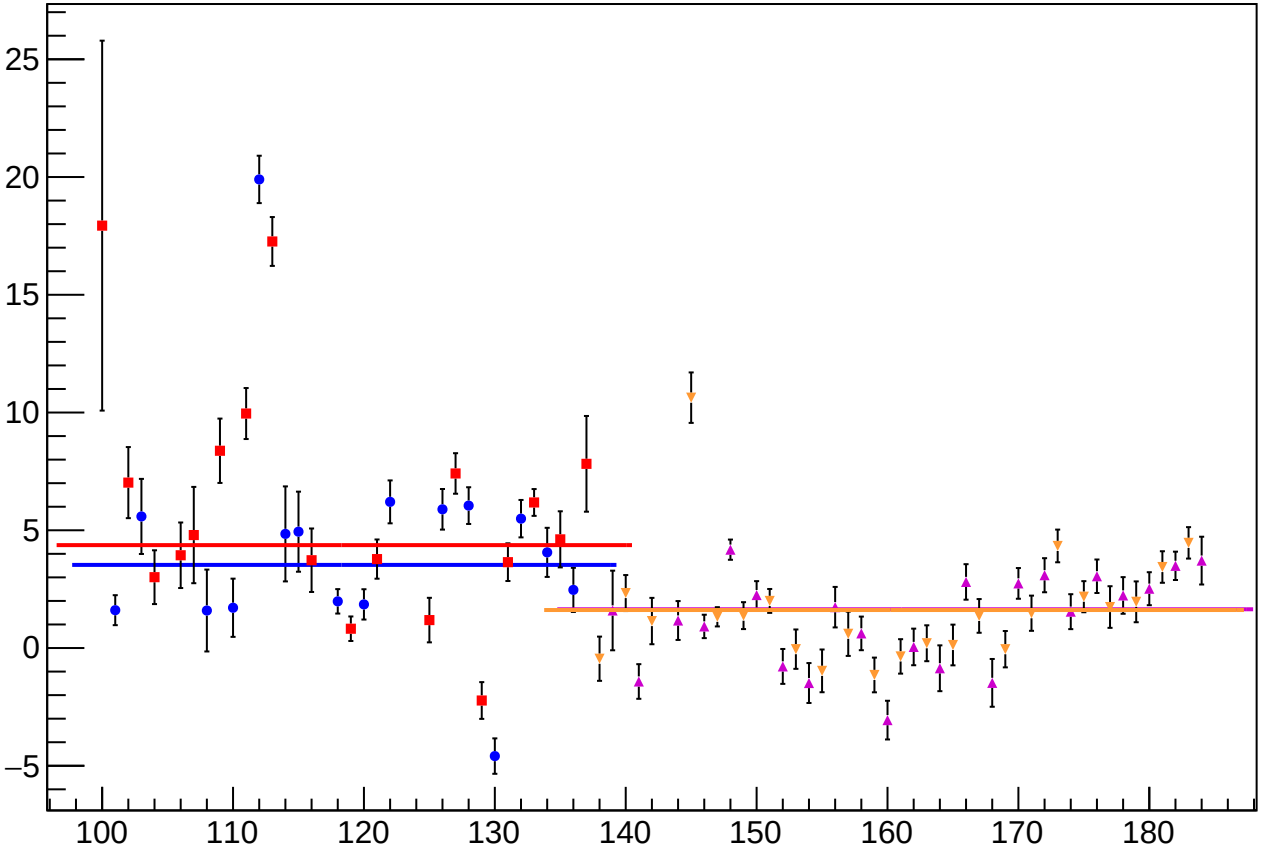
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -35.869+/-0.191 χ^2/NDF:887.1/22

Out: -36.262+/-0.194 χ^2/NDF:1089.1/22

All: -36.062+/-0.136 χ^2/NDF: 1978.3/45

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: 1.614+/-0.149 χ^2/NDF:165.7/22

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

Left: 1.630+/-0.105 χ^2/NDF: 329.8/45

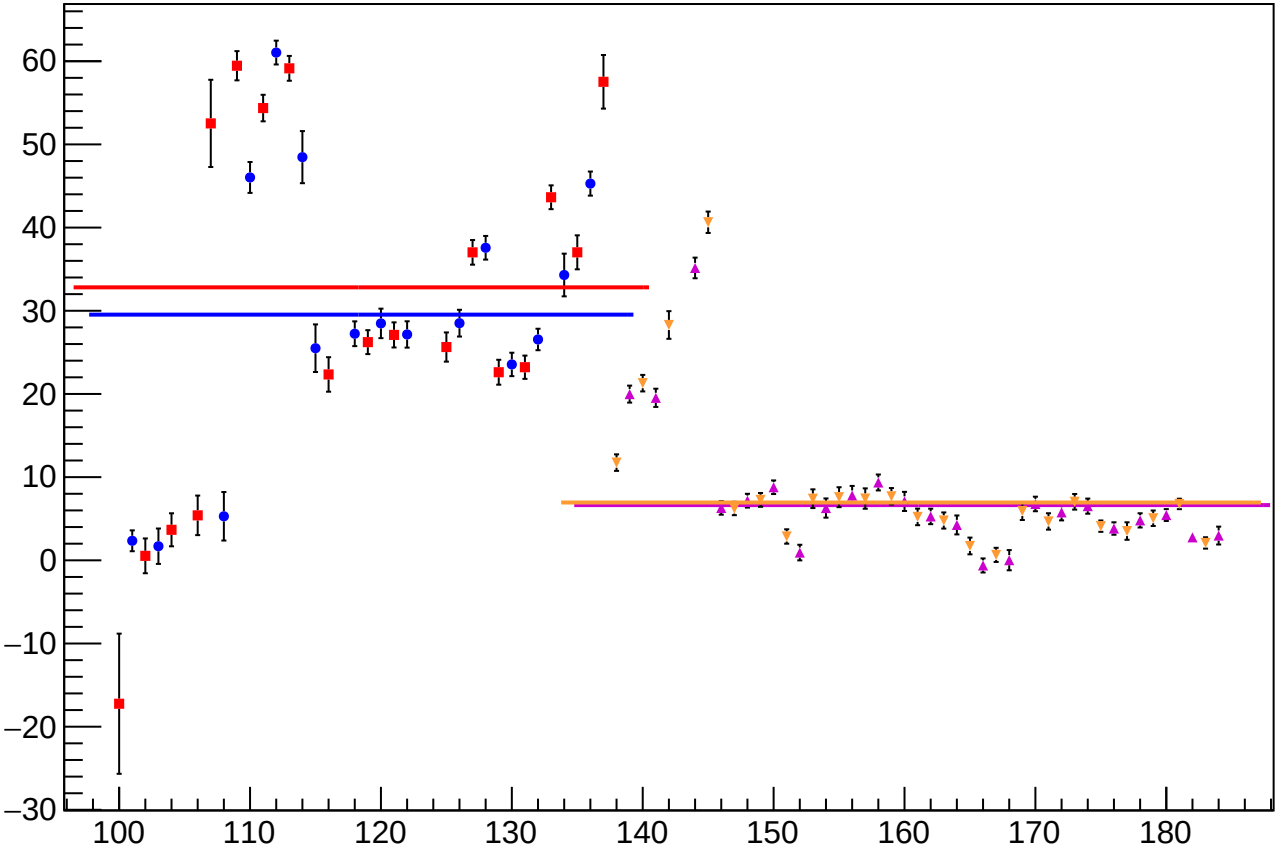
Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.249+/-0.123 χ^2/NDF:661.8/38

Out: 2.451+/-0.124 χ^2/NDF:623.6/40

All: 2.349+/-0.087 χ^2/NDF: 1286.7/79

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: 6.952+/-0.193 χ^2/NDF:1285.5/22

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

Left: 6.793+/-0.135 χ^2/NDF: 2364.1/45

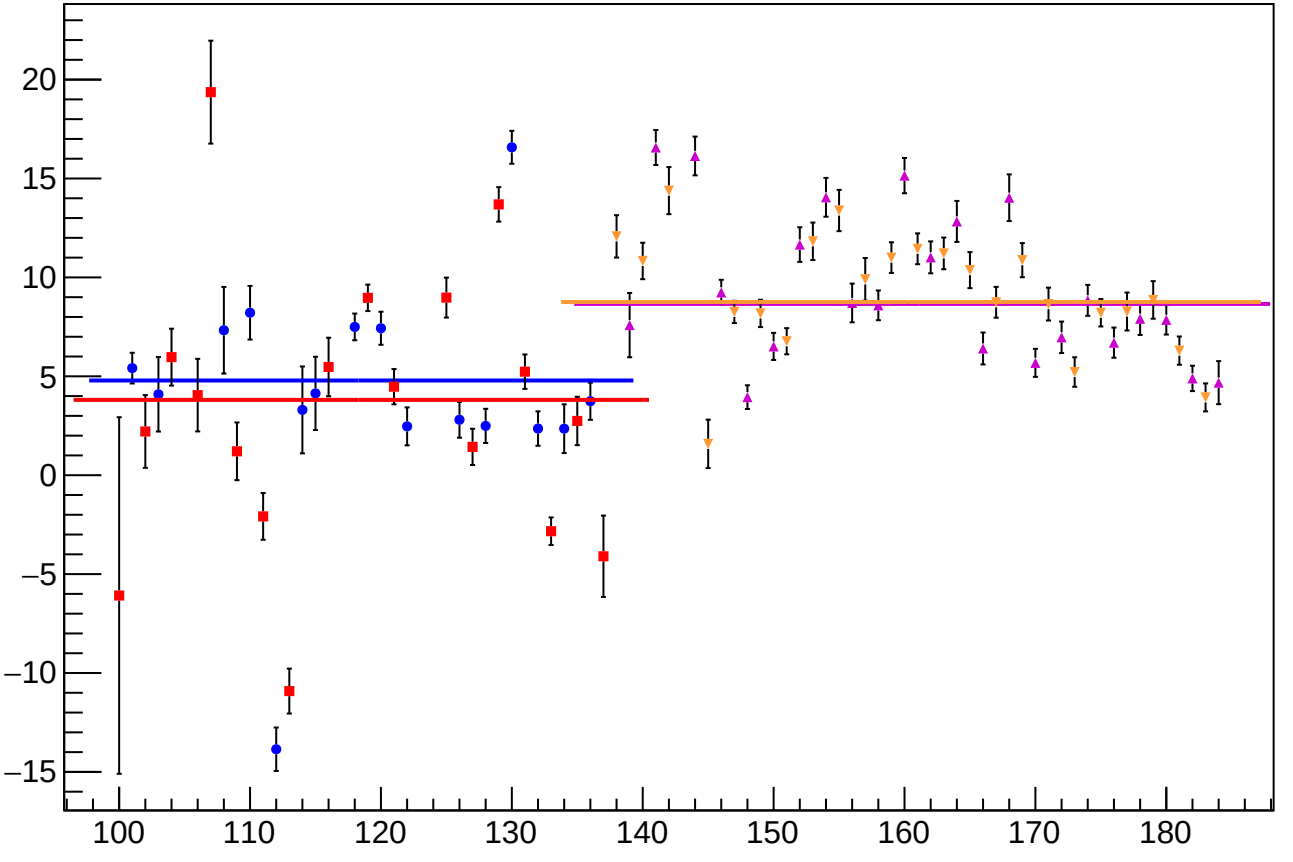
Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 10.571+/-0.173 χ^2/NDF:5072.0/38

Out: 11.418+/-0.176 χ^2/NDF:6040.2/40

All: 10.987+/-0.123 χ^2/NDF: 11124.0/79

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: 8.758+/-0.170 χ^2/NDF:233.8/22

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

Left: 8.708+/-0.120 χ^2/NDF: 672.0/45

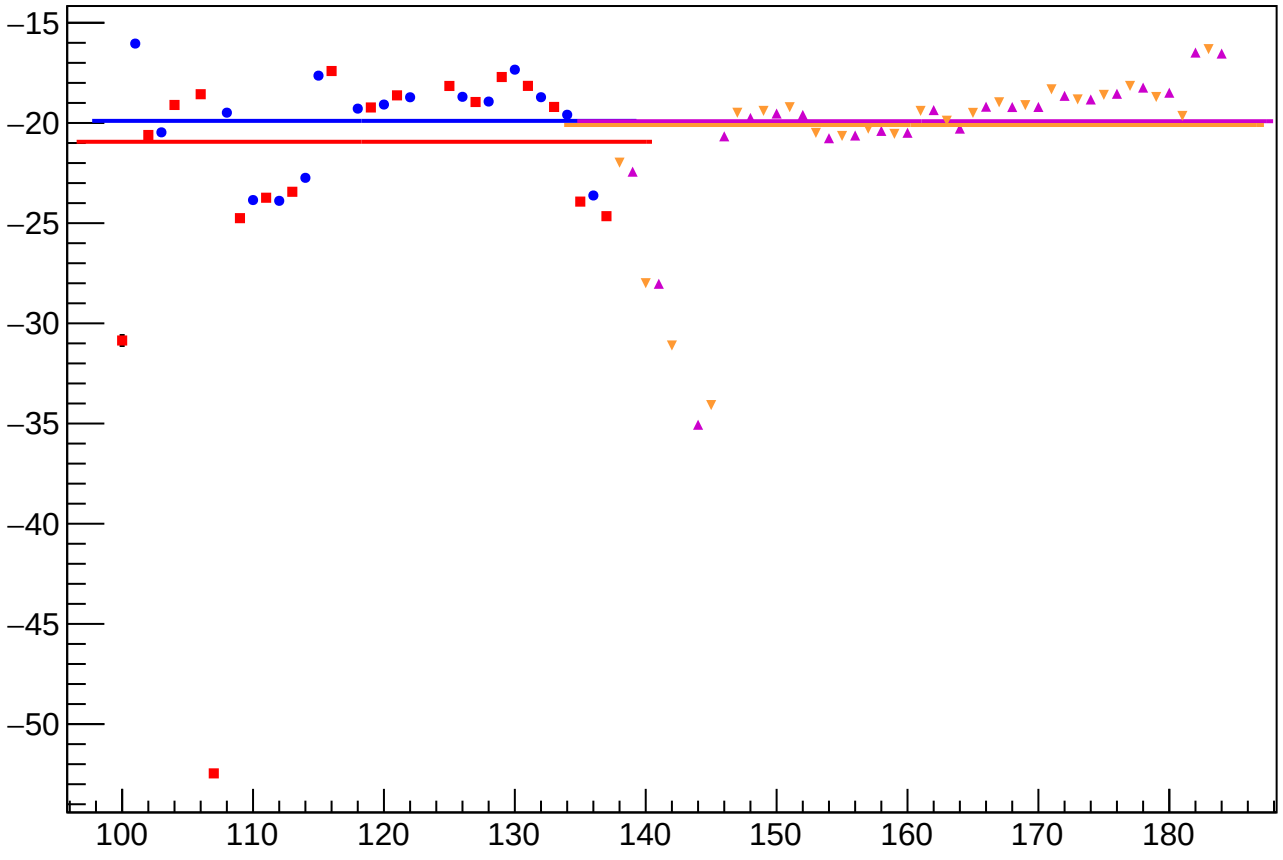
Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 7.446+/-0.141 χ^2/NDF:1154.9/38

Out: 7.261+/-0.142 χ^2/NDF:1056.4/40

All: 7.355+/-0.100 χ^2/NDF: 2212.2/79

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895+/-0.016 χ^2/NDF: 26073.6/15

Left Out: -20.101+/-0.008 χ^2/NDF:166112.0/22

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

Left: -20.005+/-0.006 χ^2/NDF: 311885.4/45

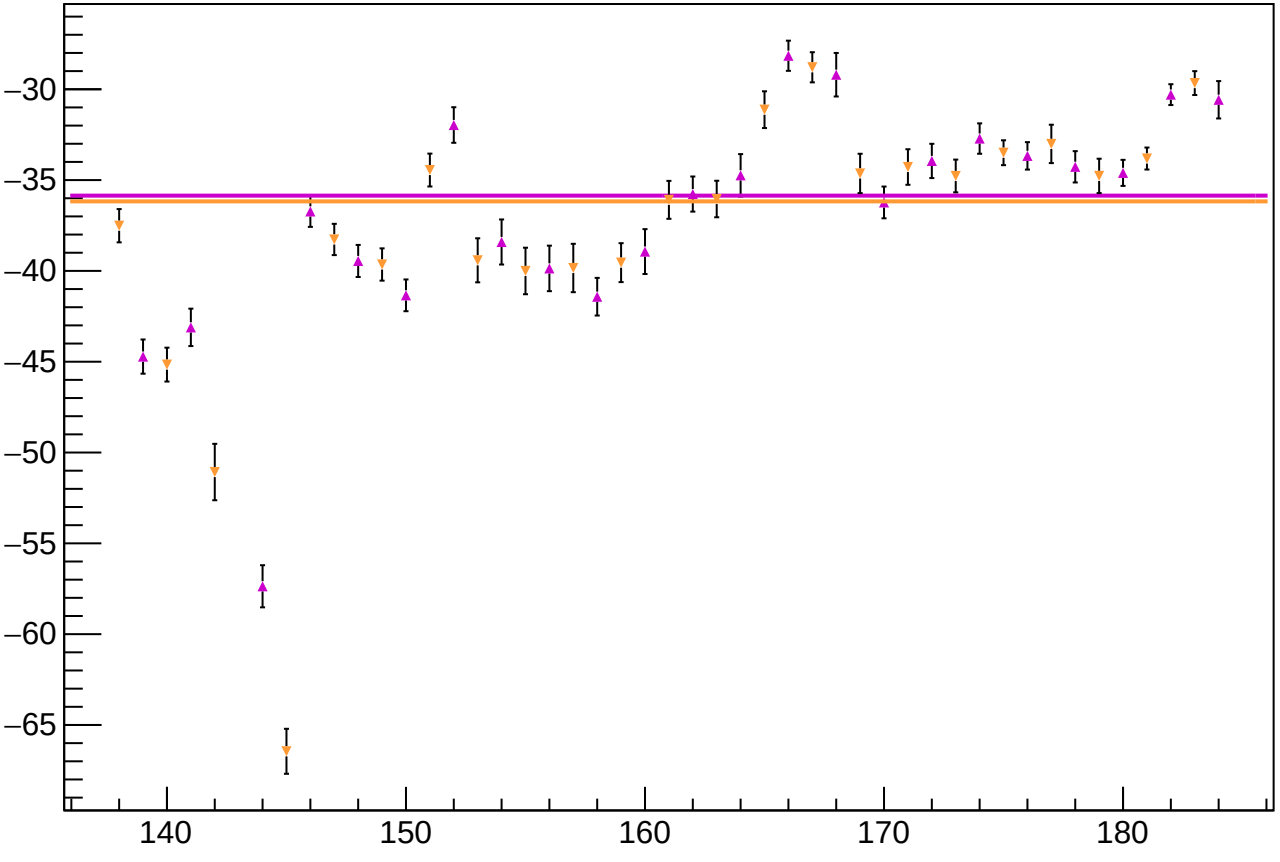
Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -19.909+/-0.007 χ^2/NDF:171561.9/38

Out: -20.273+/-0.007 χ^2/NDF:262433.3/40

All: -20.087+/-0.005 χ^2/NDF: 435331.7/79

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -36.173+/-0.194 χ^2/NDF:1095.1/22

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

Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

Left: -36.012+/-0.136 χ^2/NDF: 1972.3/45

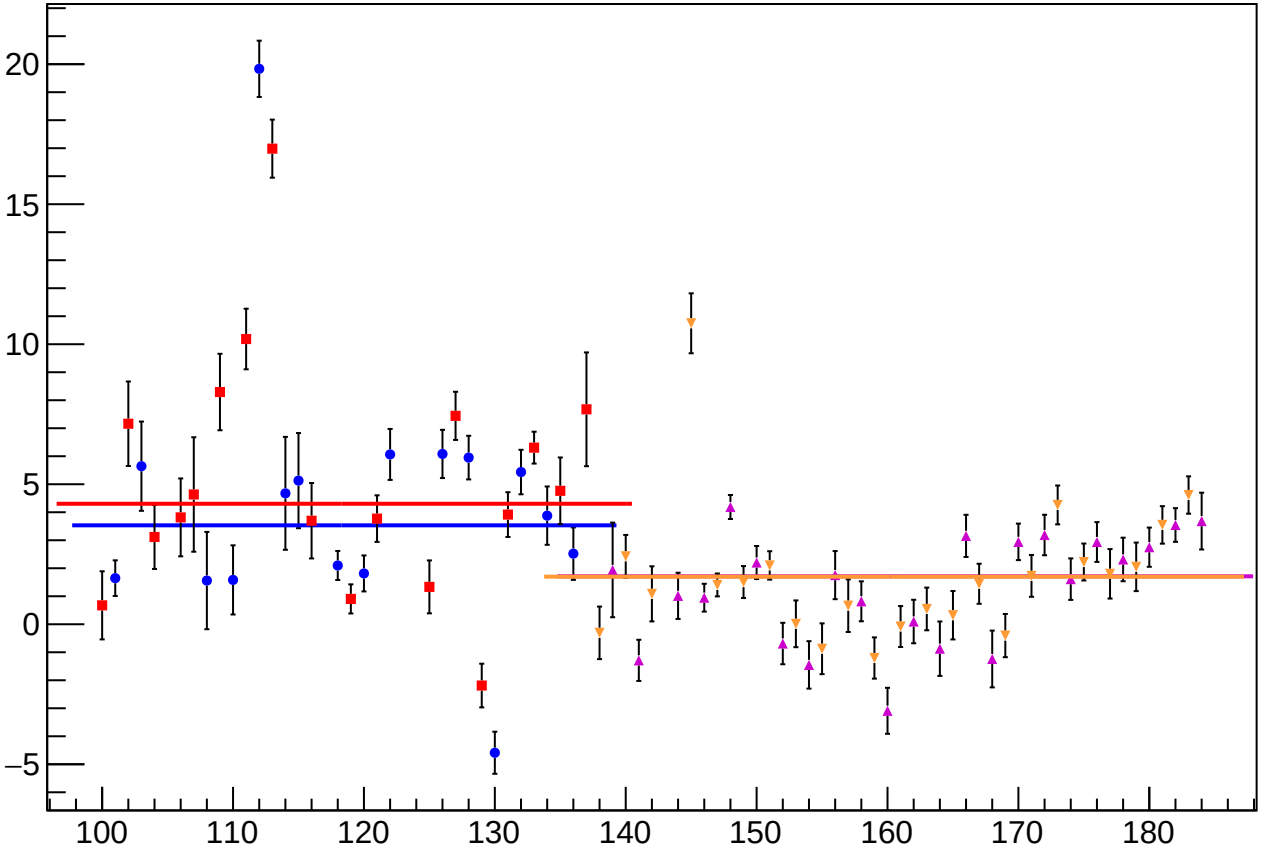
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -35.856+/-0.191 χ^2/NDF:875.9/22

Out: -36.173+/-0.194 χ^2/NDF:1095.1/22

All: -36.012+/-0.136 χ^2/NDF: 1972.3/45

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: 1.700+/-0.149 χ^2/NDF:166.9/22

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

Left: 1.706+/-0.105 χ^2/NDF: 331.1/45

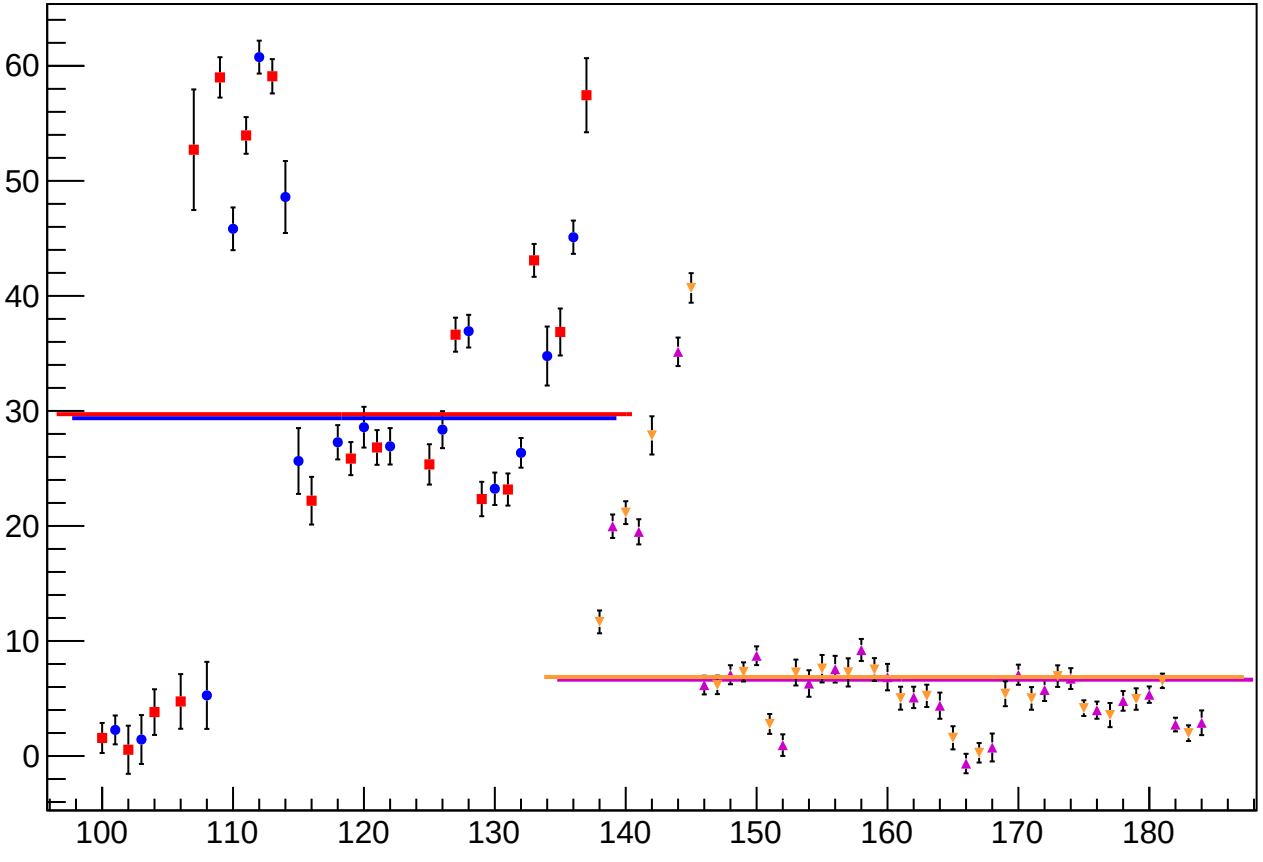
Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 2.295+/-0.123 χ^2/NDF:655.1/38

Out: 2.509+/-0.124 χ^2/NDF:614.9/40

All: 2.401+/-0.087 χ^2/NDF: 1271.5/79

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: 6.866+/-0.193 χ^2/NDF:1287.4/22

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

Left: 6.748+/-0.135 χ^2/NDF: 2358.6/45

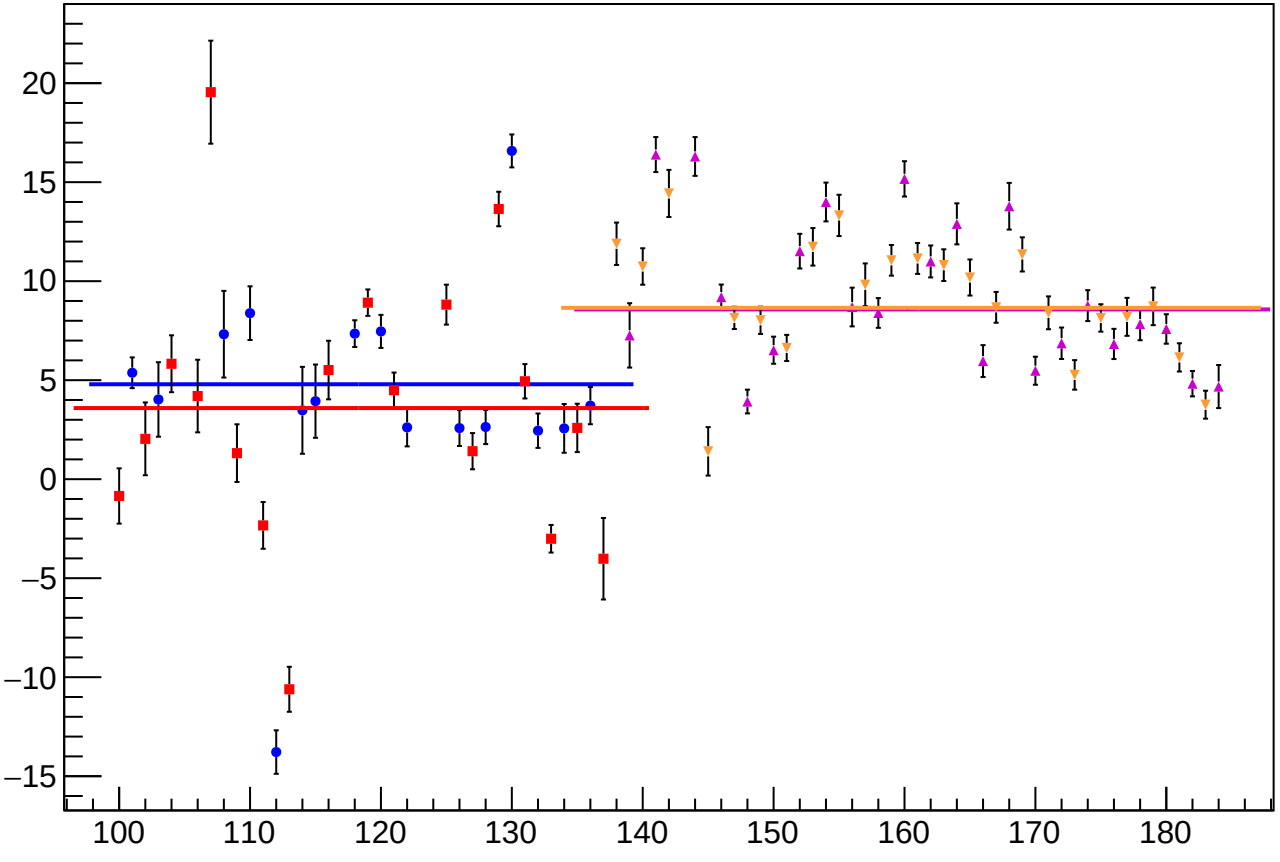
Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 10.539+/-0.173 χ^2/NDF:5026.6/38

Out: 11.142+/-0.174 χ^2/NDF:6038.1/40

All: 10.838+/-0.123 χ^2/NDF: 11070.8/79

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: 8.654+/-0.170 χ^2/NDF:237.3/22

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

Left: 8.613+/-0.120 χ^2/NDF: 680.8/45

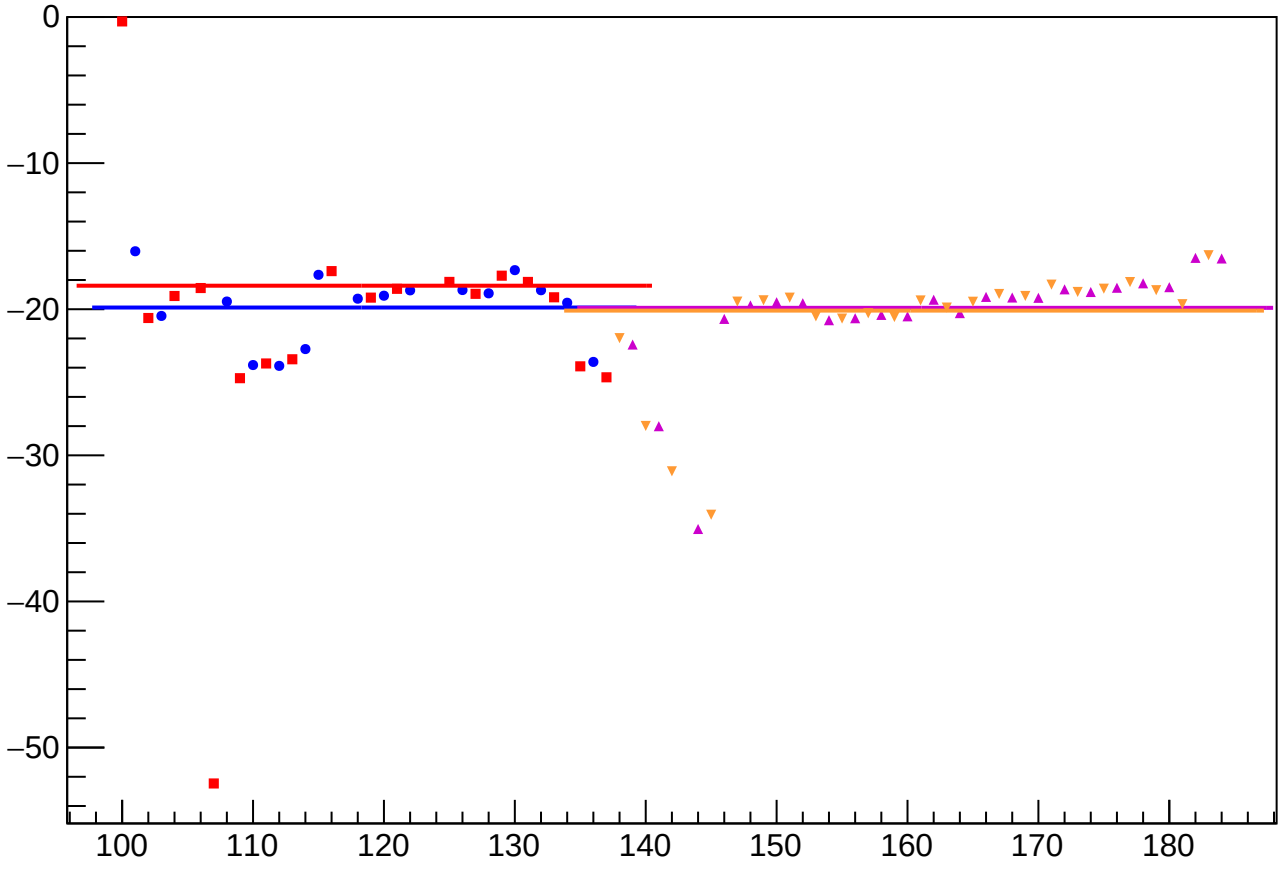
Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 7.389+/-0.141 χ^2/NDF:1148.9/38

Out: 7.087+/-0.142 χ^2/NDF:1084.0/40

All: 7.239+/-0.100 χ^2/NDF: 2235.2/79

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883+/-0.016 χ^2/NDF: 26063.5/15

Left Out: -20.094+/-0.008 χ^2/NDF:166252.1/22

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

Left: -19.997+/-0.006 χ^2/NDF: 311886.1/45

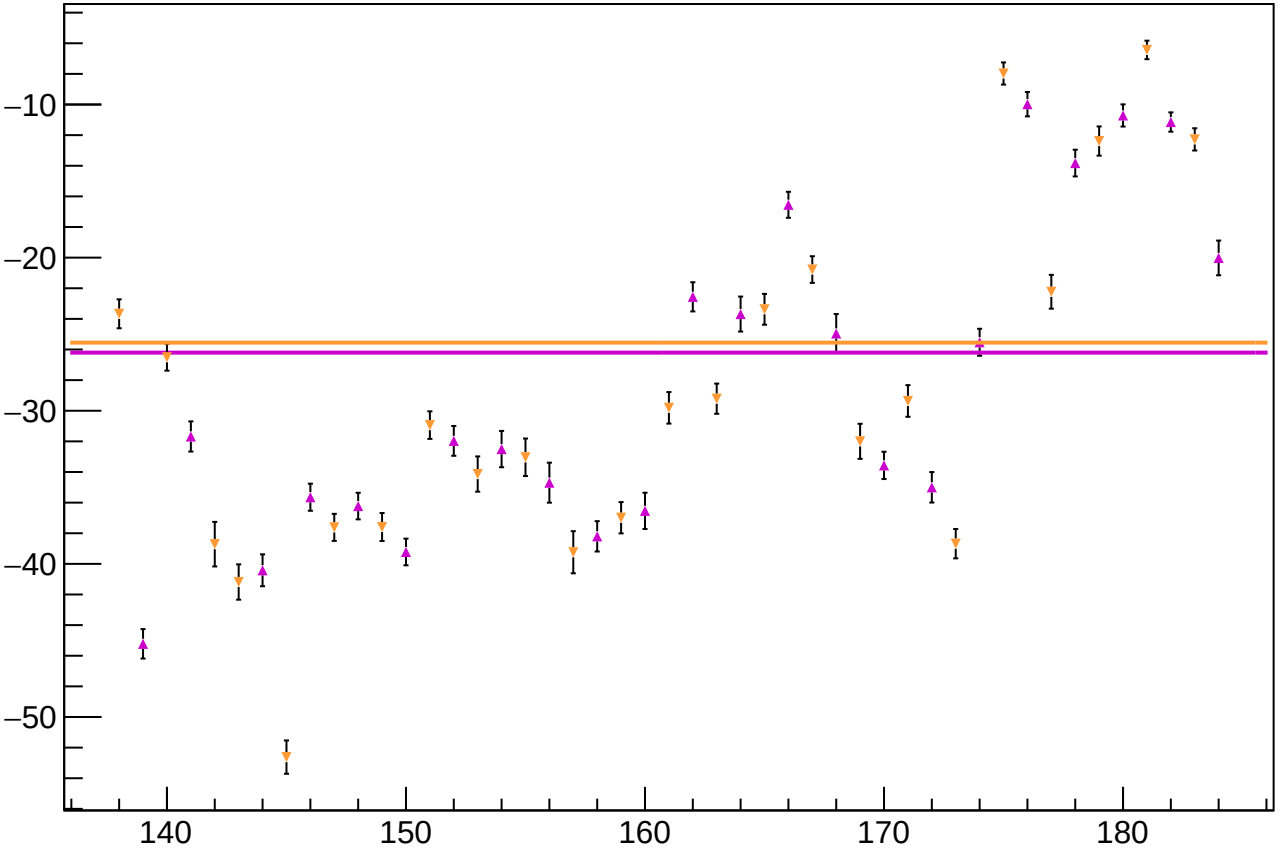
Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -19.900+/-0.007 χ^2/NDF:171411.7/38

Out: -19.707+/-0.007 χ^2/NDF:477833.2/40

All: -19.804+/-0.005 χ^2/NDF: 649626.6/79

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -25.549+/-0.194 χ^2/NDF:4022.8/23

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

Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

Left: -25.876+/-0.137 χ^2/NDF: 7406.2/46

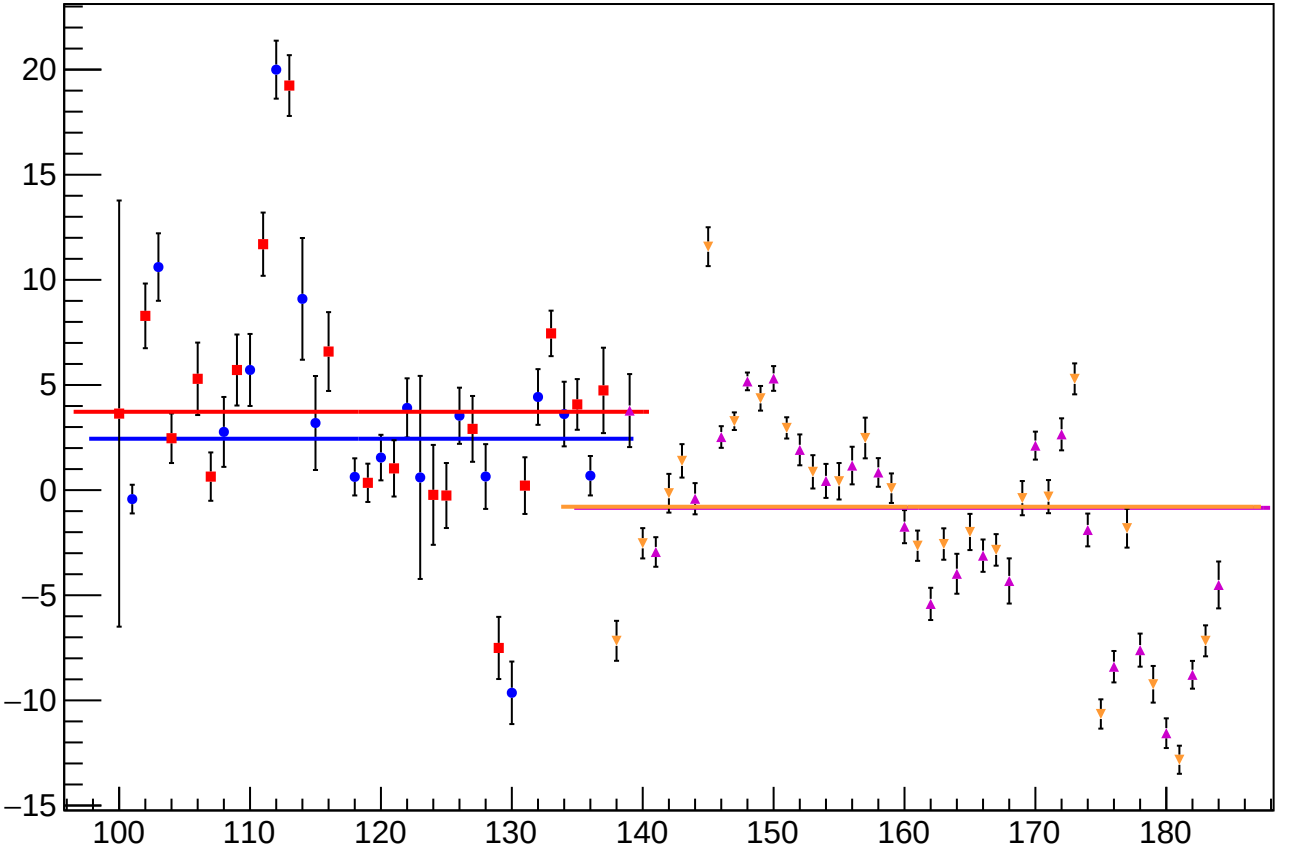
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -26.204+/-0.194 χ^2/NDF:3377.8/22

Out: -25.549+/-0.194 χ^2/NDF:4022.8/23

All: -25.876+/-0.137 χ^2/NDF: 7406.2/46

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444+/-0.311 χ^2/NDF: 295.3/16

Left Out: -0.790+/-0.148 χ^2/NDF:1268.8/23

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

Left: -0.816+/-0.105 χ^2/NDF: 2340.5/46

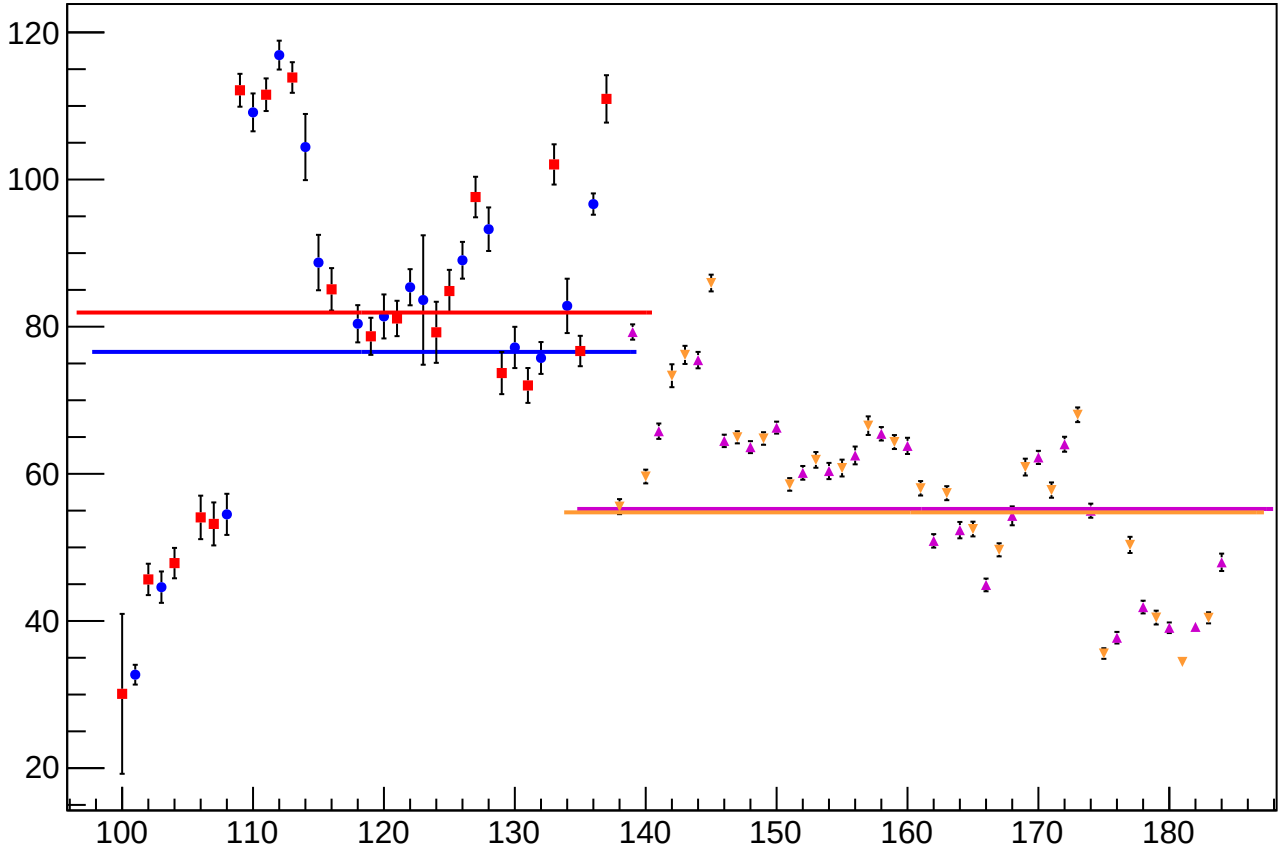
Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: -0.222+/-0.135 χ^2/NDF:1457.5/39

Out: -0.026+/-0.134 χ^2/NDF:1696.5/42

All: -0.123+/-0.095 χ^2/NDF: 3155.0/82

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: 54.763+/-0.193 χ^2/NDF:4424.5/23

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

Left: 54.995+/-0.137 χ^2/NDF: 8252.3/46

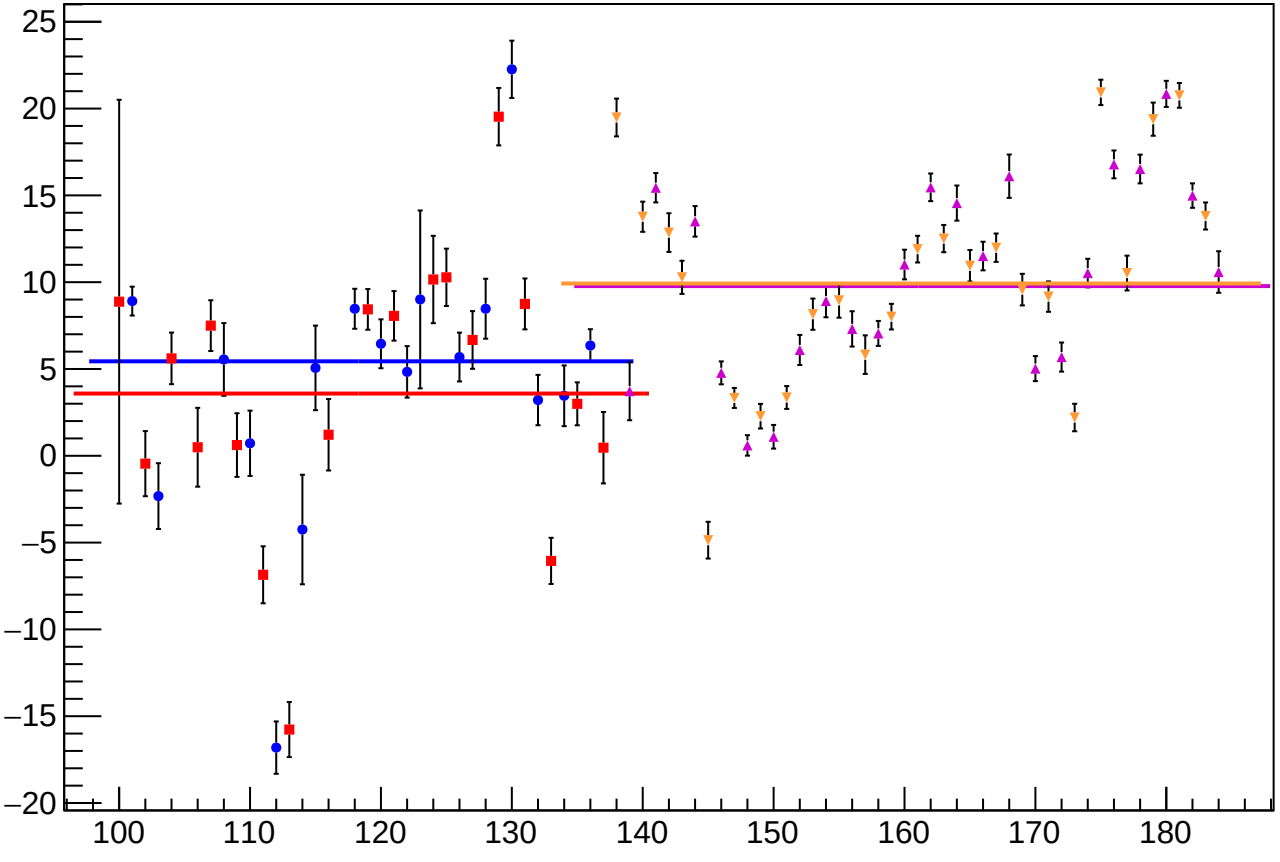
Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 57.394+/-0.183 χ^2/NDF:7324.2/39

Out: 57.381+/-0.184 χ^2/NDF:7897.6/42

All: 57.387+/-0.130 χ^2/NDF: 15221.8/82

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: 9.924+/-0.169 χ^2/NDF:1373.1/23

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

Left: 9.850+/-0.120 χ^2/NDF: 2539.0/46

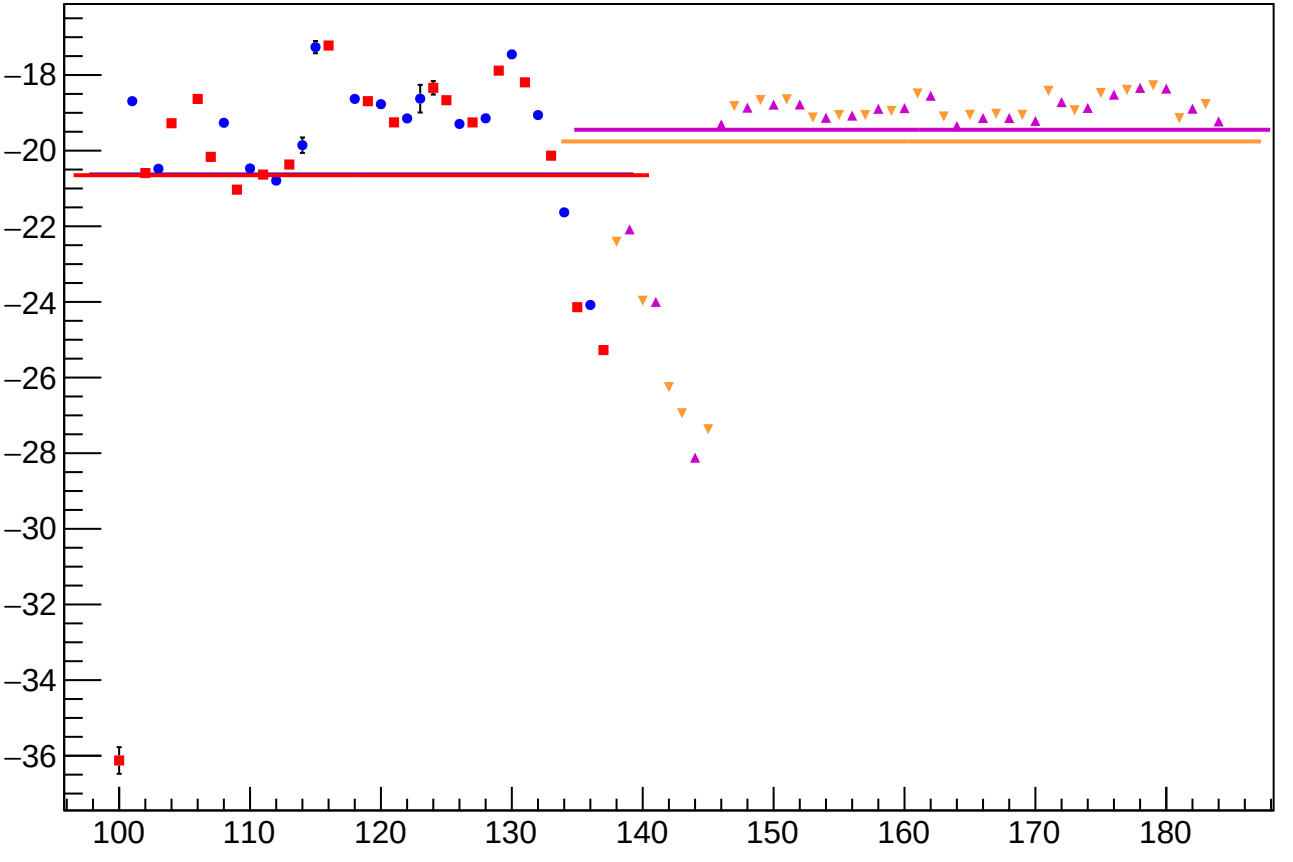
Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 8.965+/-0.154 χ^2/NDF:1672.6/39

Out: 8.851+/-0.154 χ^2/NDF:2033.3/42

All: 8.908+/-0.109 χ^2/NDF: 3706.2/82

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630+/-0.019 χ^2/NDF: 12490.5/16

Left Out: -19.756+/-0.008 χ^2/NDF:88243.5/23

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

Left: -19.601+/-0.006 χ^2/NDF: 143034.9/46

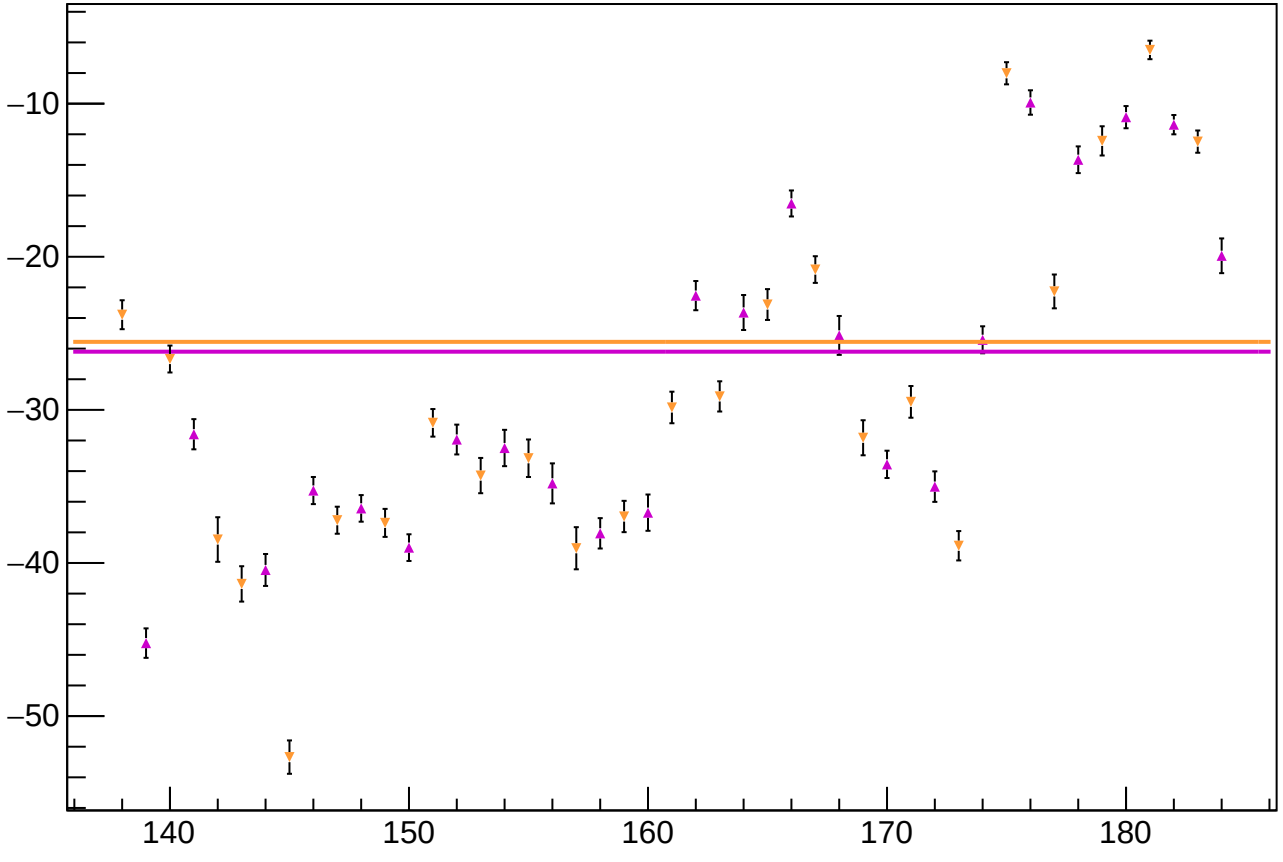
Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -19.619+/-0.007 χ^2/NDF:69749.6/39

Out: -19.885+/-0.007 χ^2/NDF:103938.3/42

All: -19.751+/-0.005 χ^2/NDF: 174344.8/82

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -25.557+/-0.194 χ^2/NDF:3987.9/23

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

Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

Left: -25.878+/-0.137 χ^2/NDF: 7338.1/46

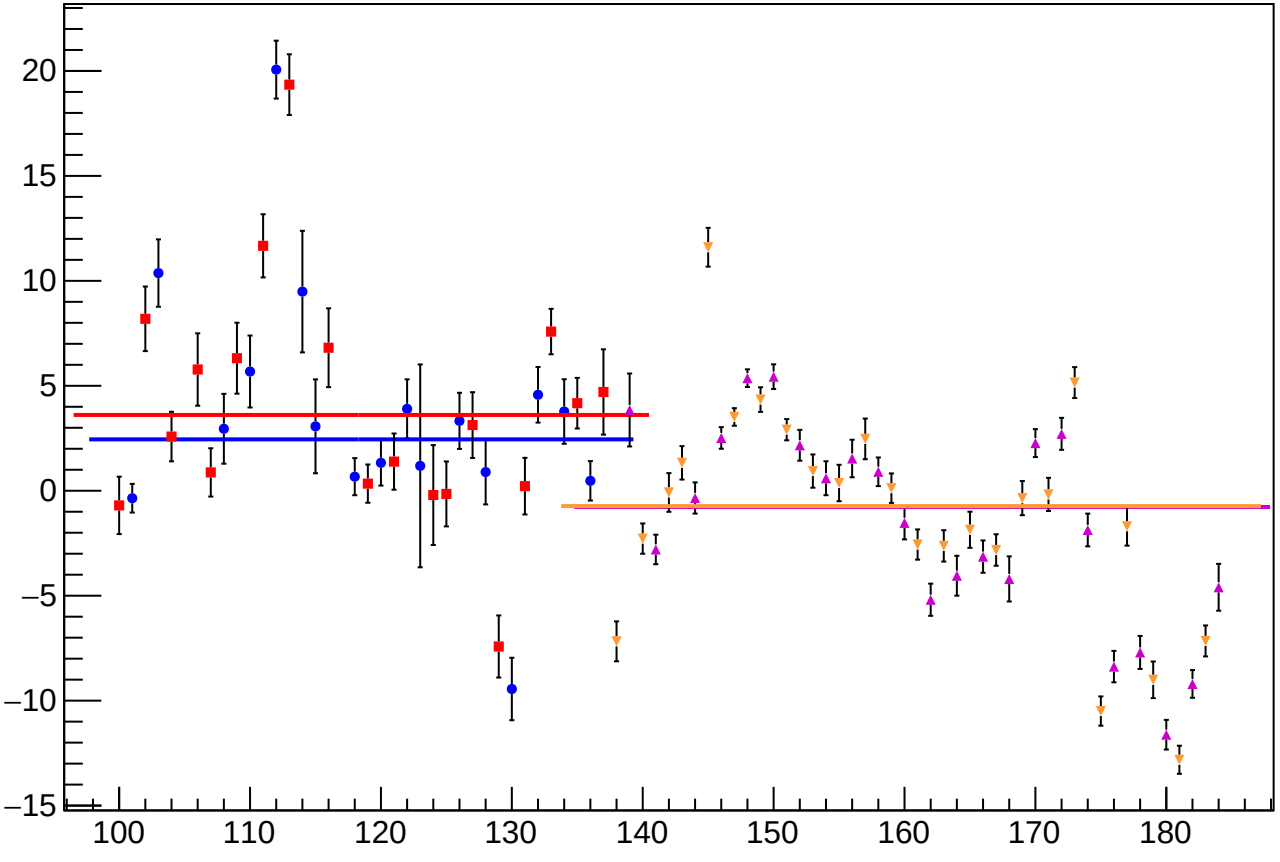
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -26.200+/-0.194 χ^2/NDF:3344.6/22

Out: -25.557+/-0.194 χ^2/NDF:3987.9/23

All: -25.878+/-0.137 χ^2/NDF: 7338.1/46

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448+/-0.311 χ^2/NDF: 293.4/16

Left Out: -0.732+/-0.148 χ^2/NDF:1260.2/23

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

Left: -0.752+/-0.105 χ^2/NDF: 2371.7/46

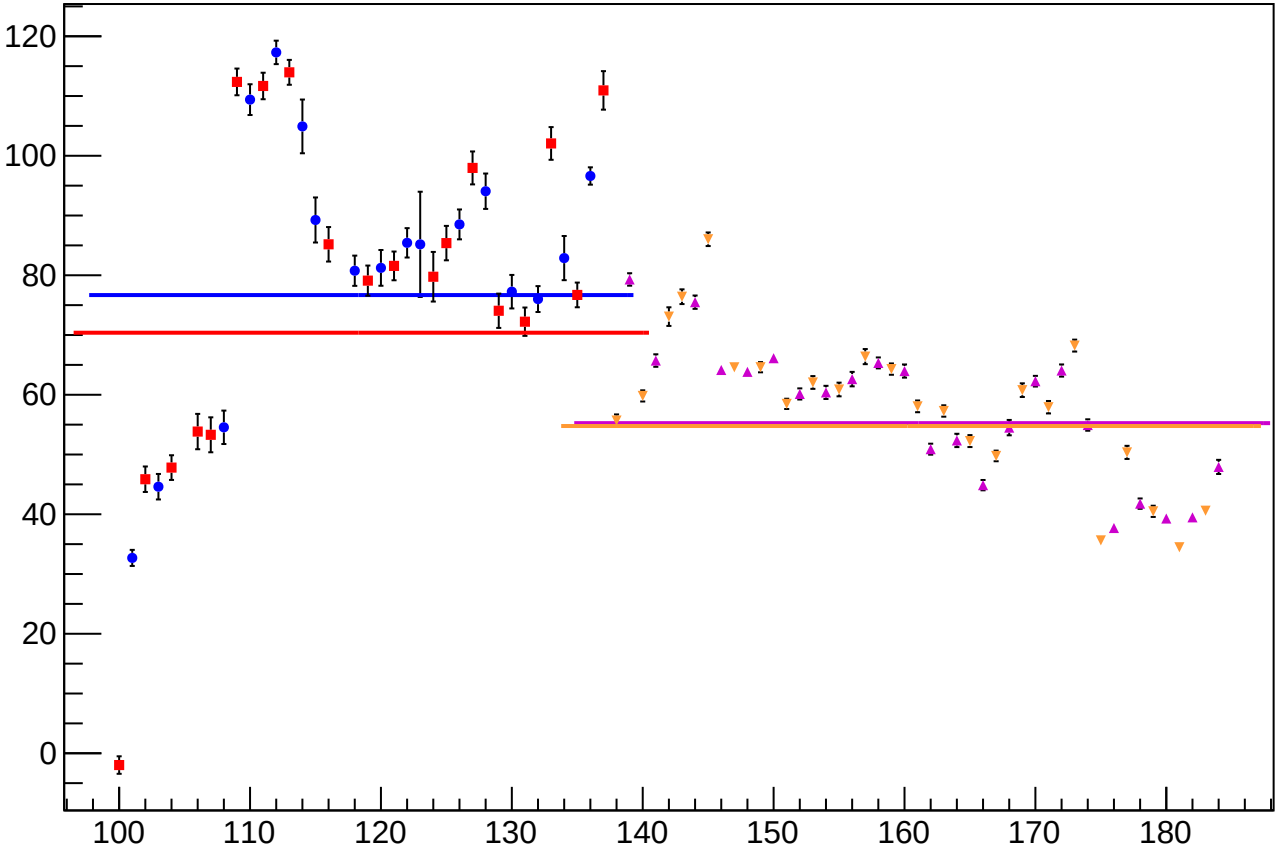
Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: -0.165+/-0.135 χ^2/NDF:1491.7/39

Out: 0.037+/-0.134 χ^2/NDF:1692.9/42

All: -0.063+/-0.095 χ^2/NDF: 3185.7/82

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: 54.770+/-0.193 χ^2/NDF:4400.4/23

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

Left: 55.011+/-0.137 χ^2/NDF: 8189.6/46

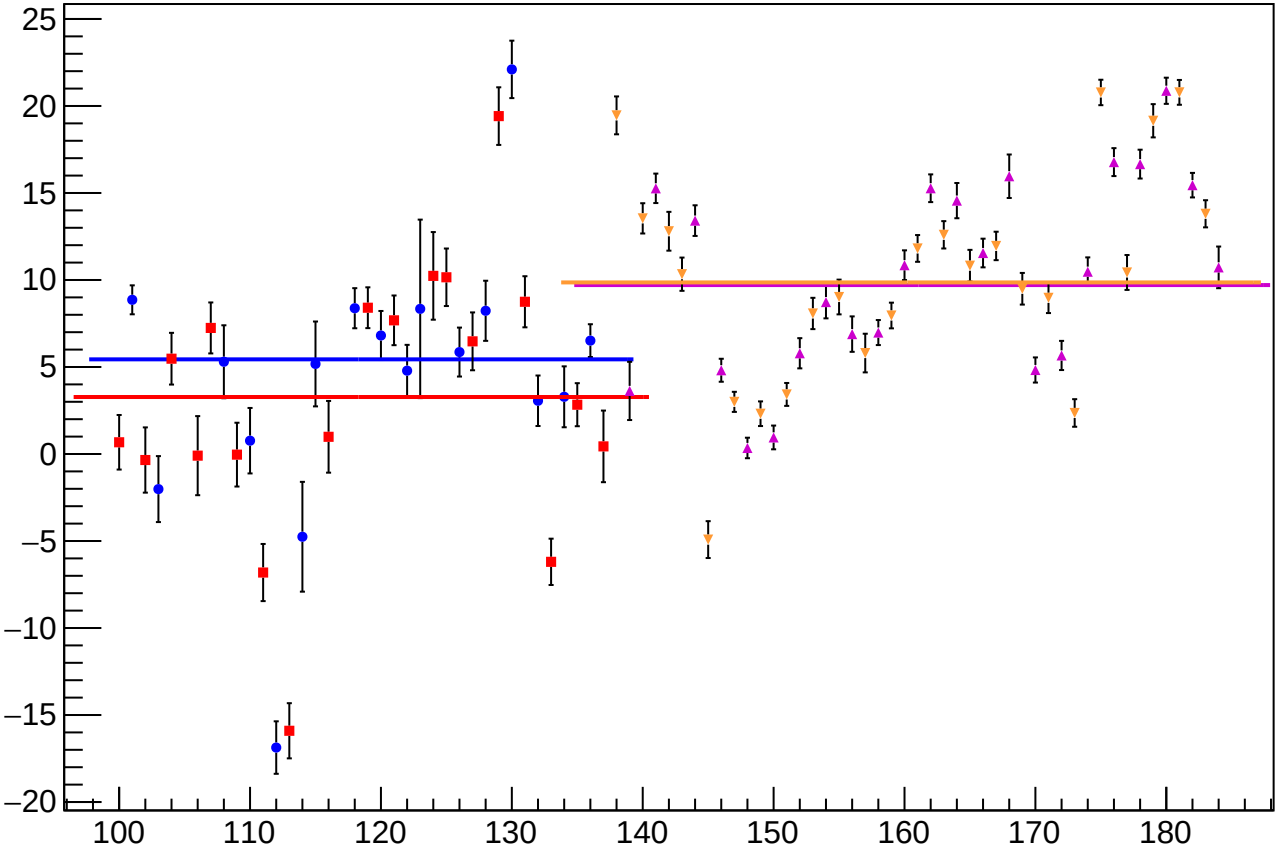
Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 57.430+/-0.183 χ^2/NDF:7305.7/39

Out: 56.490+/-0.182 χ^2/NDF:9509.5/42

All: 56.959+/-0.129 χ^2/NDF: 16828.5/82

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: 9.860+/-0.169 χ^2/NDF:1367.6/23

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

Left: 9.785+/-0.120 χ^2/NDF: 2566.0/46

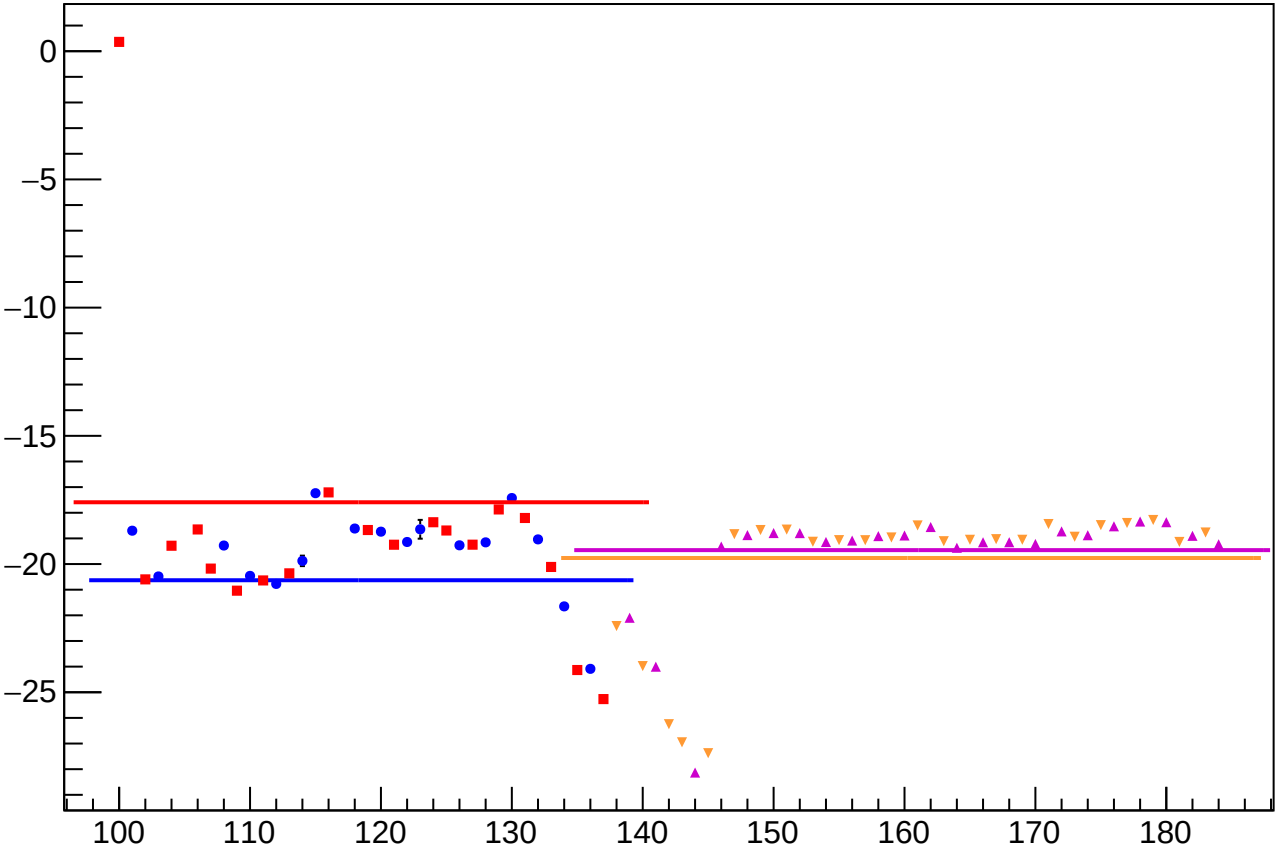
Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 8.911+/-0.155 χ^2/NDF:1699.9/39

Out: 8.695+/-0.154 χ^2/NDF:2060.8/42

All: 8.802+/-0.109 χ^2/NDF: 3761.7/82

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632+/-0.019 χ^2/NDF: 12530.8/16

Left Out: -19.764+/-0.008 χ^2/NDF:88125.2/23

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

Left: -19.609+/-0.006 χ^2/NDF: 142864.0/46

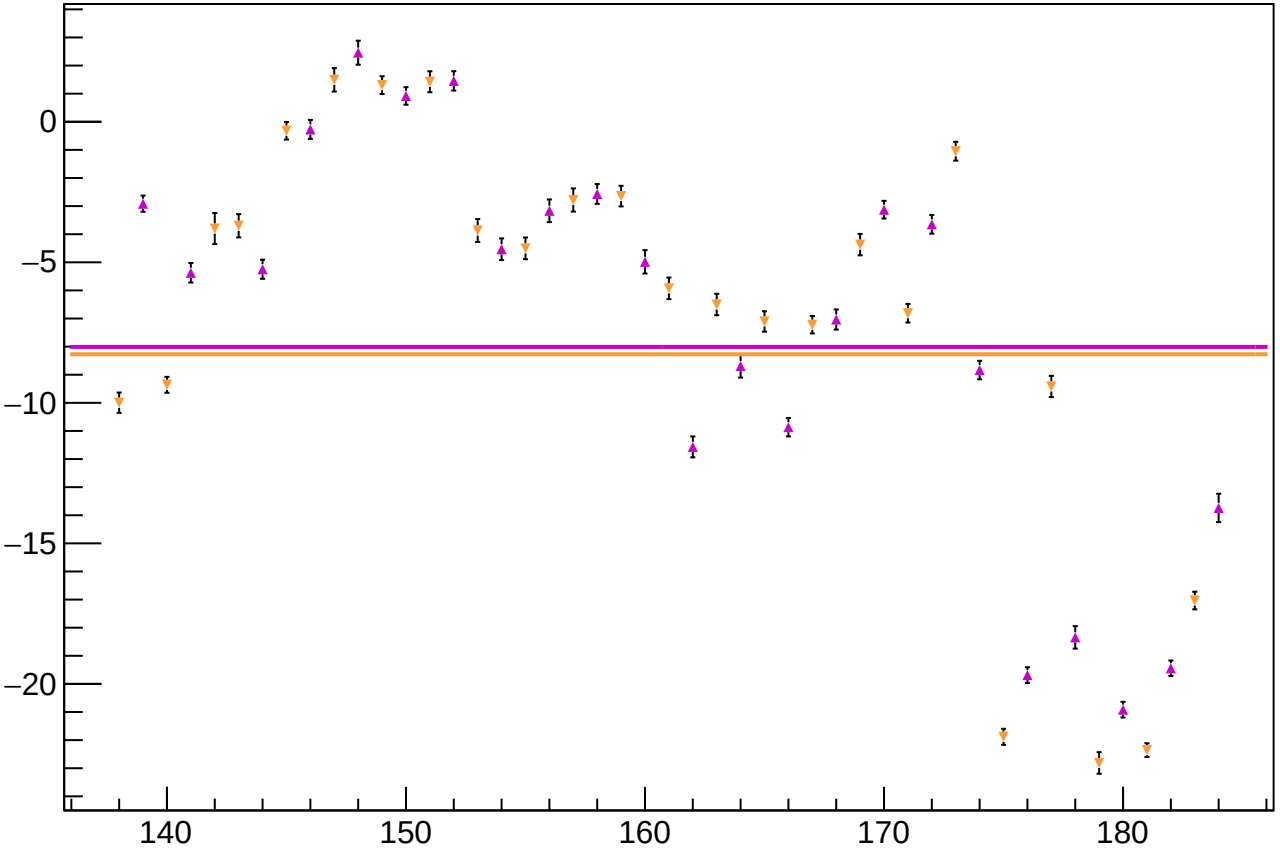
Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -19.627+/-0.007 χ^2/NDF:69697.4/39

Out: -19.407+/-0.007 χ^2/NDF:278970.5/42

All: -19.516+/-0.005 χ^2/NDF: 349118.9/82

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: -8.271+/-0.071 χ^2/NDF:12066.4/23

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

Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

Left: -8.141+/-0.050 χ^2/NDF: 22704.3/46

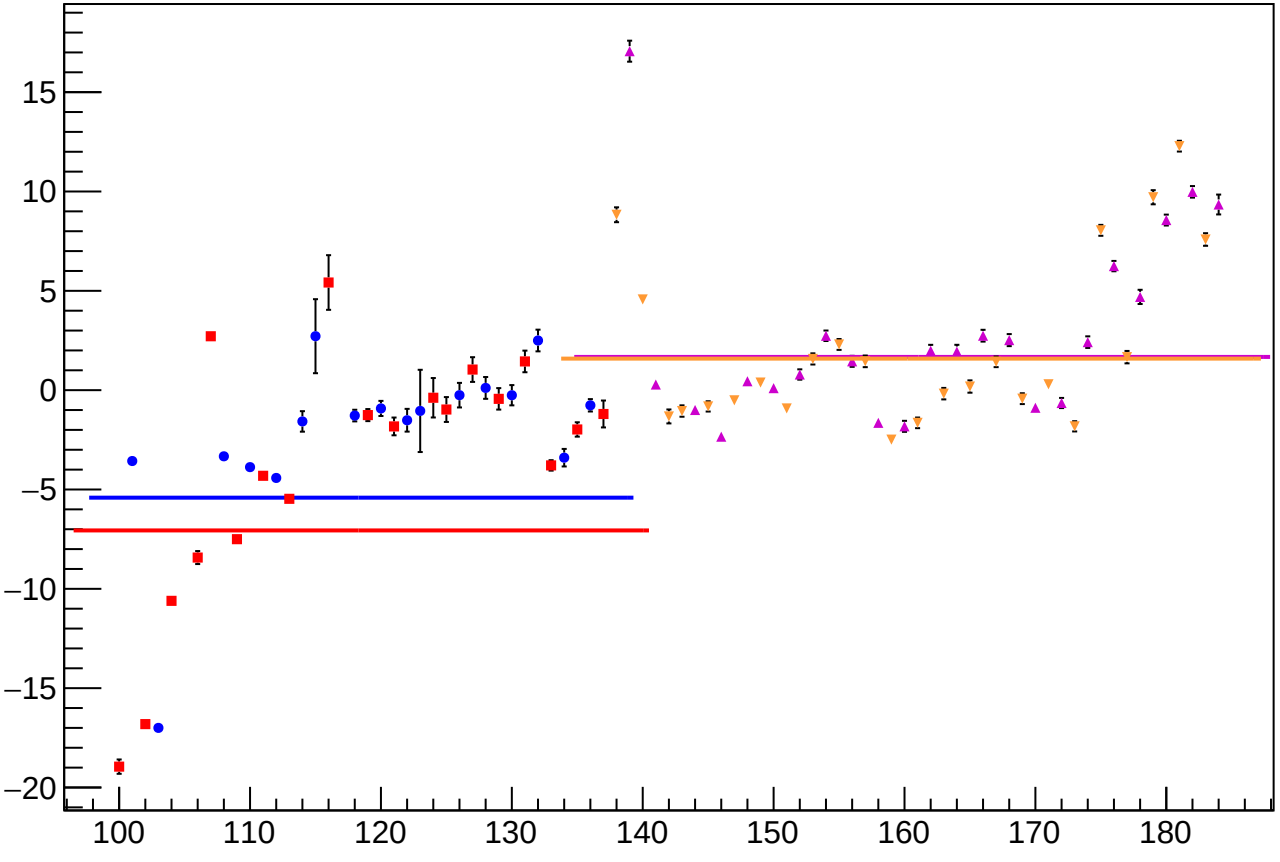
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.010+/-0.071 χ^2/NDF:10631.2/22

Out: -8.271+/-0.071 χ^2/NDF:12066.4/23

All: -8.141+/-0.050 χ^2/NDF: 22704.3/46

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: 1.588+/-0.055 χ^2/NDF:4753.2/23

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

Left: 1.629+/-0.039 χ^2/NDF: 8860.7/46

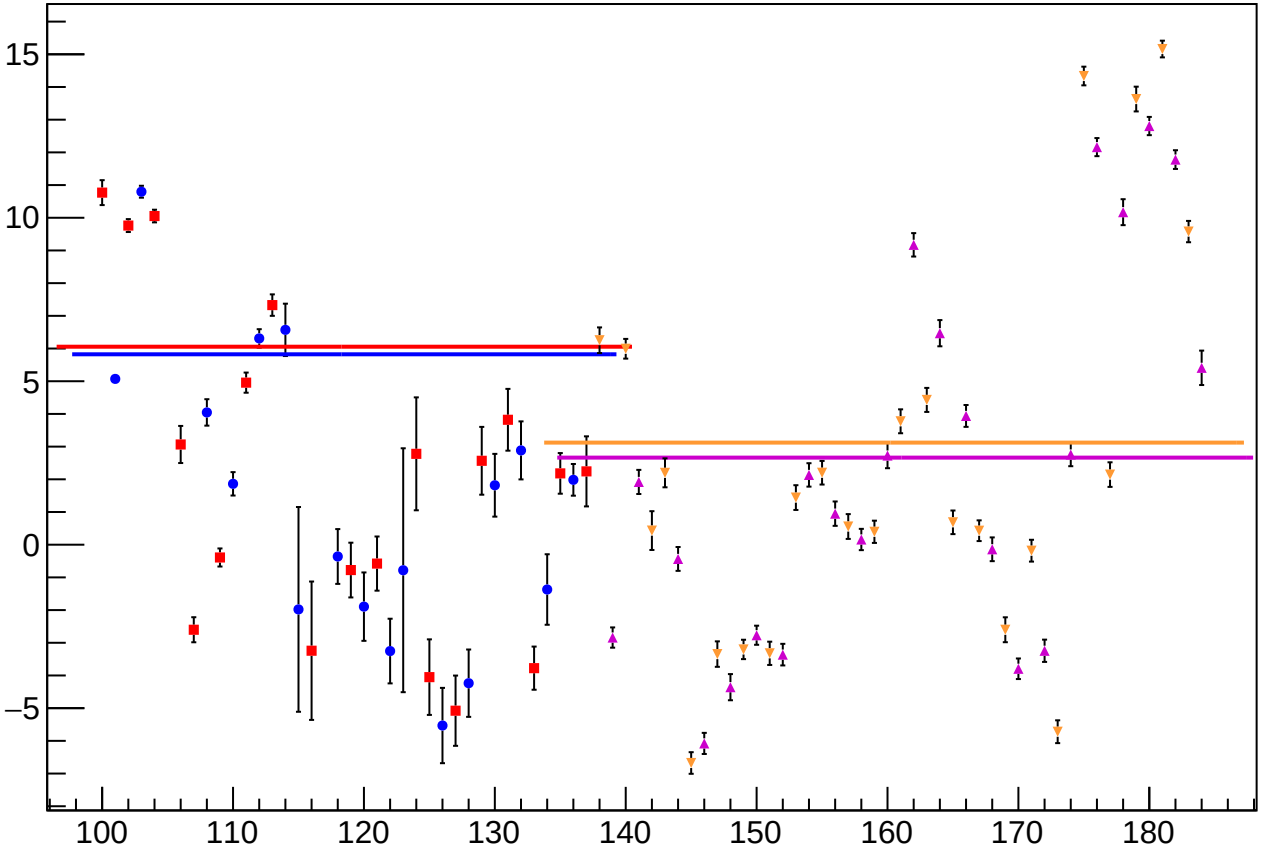
Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -1.976+/-0.039 χ^2/NDF:21490.4/39

Out: -2.422+/-0.040 χ^2/NDF:28589.2/42

All: -2.194+/-0.028 χ^2/NDF: 50142.7/82

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: 3.123+/-0.071 χ^2/NDF:8280.4/23

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

Left: 2.893+/-0.050 χ^2/NDF: 15610.1/46

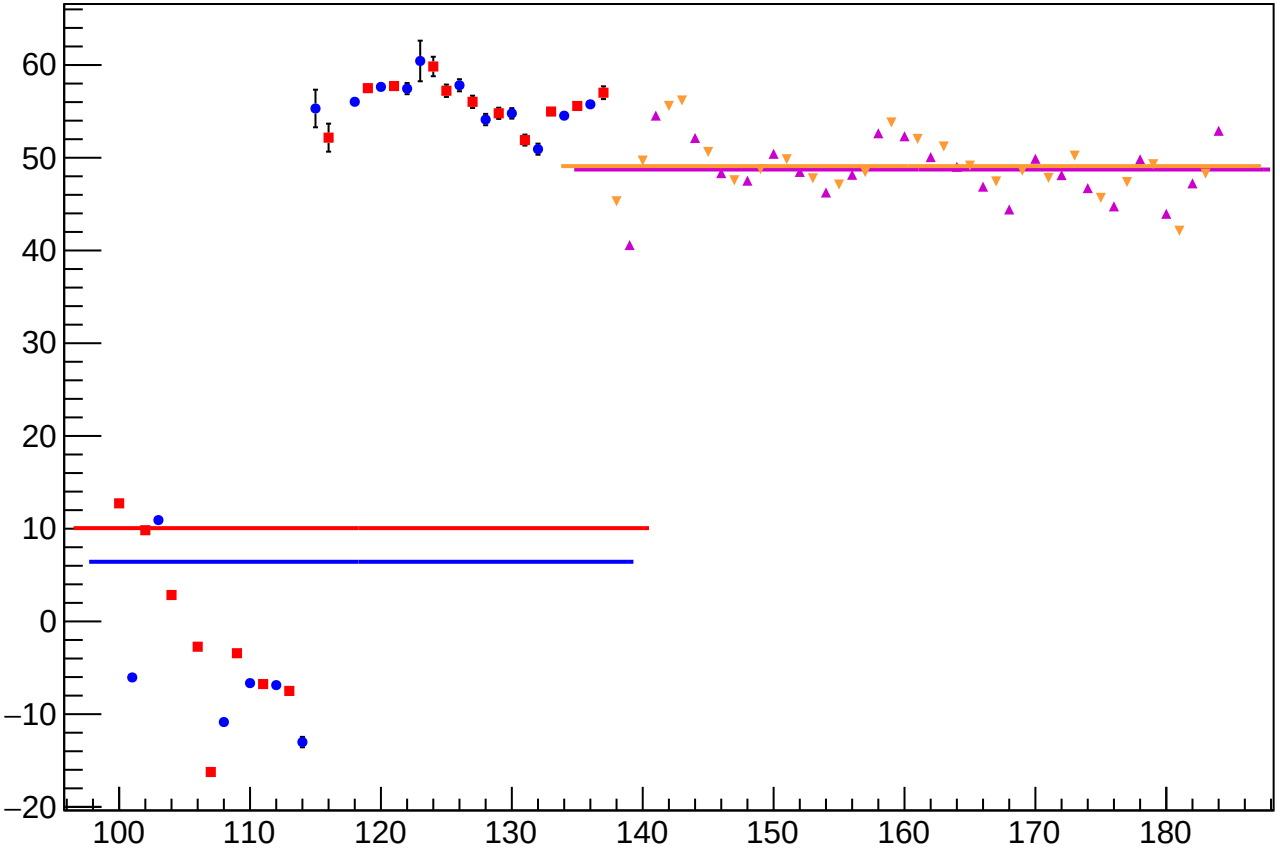
Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 3.883+/-0.056 χ^2/NDF:9525.6/39

Out: 4.198+/-0.057 χ^2/NDF:11575.0/42

All: 4.038+/-0.040 χ^2/NDF: 21116.4/82

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: 49.097+/-0.062 χ^2/NDF:2156.3/23

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

Left: 48.917+/-0.045 χ^2/NDF: 4290.9/46

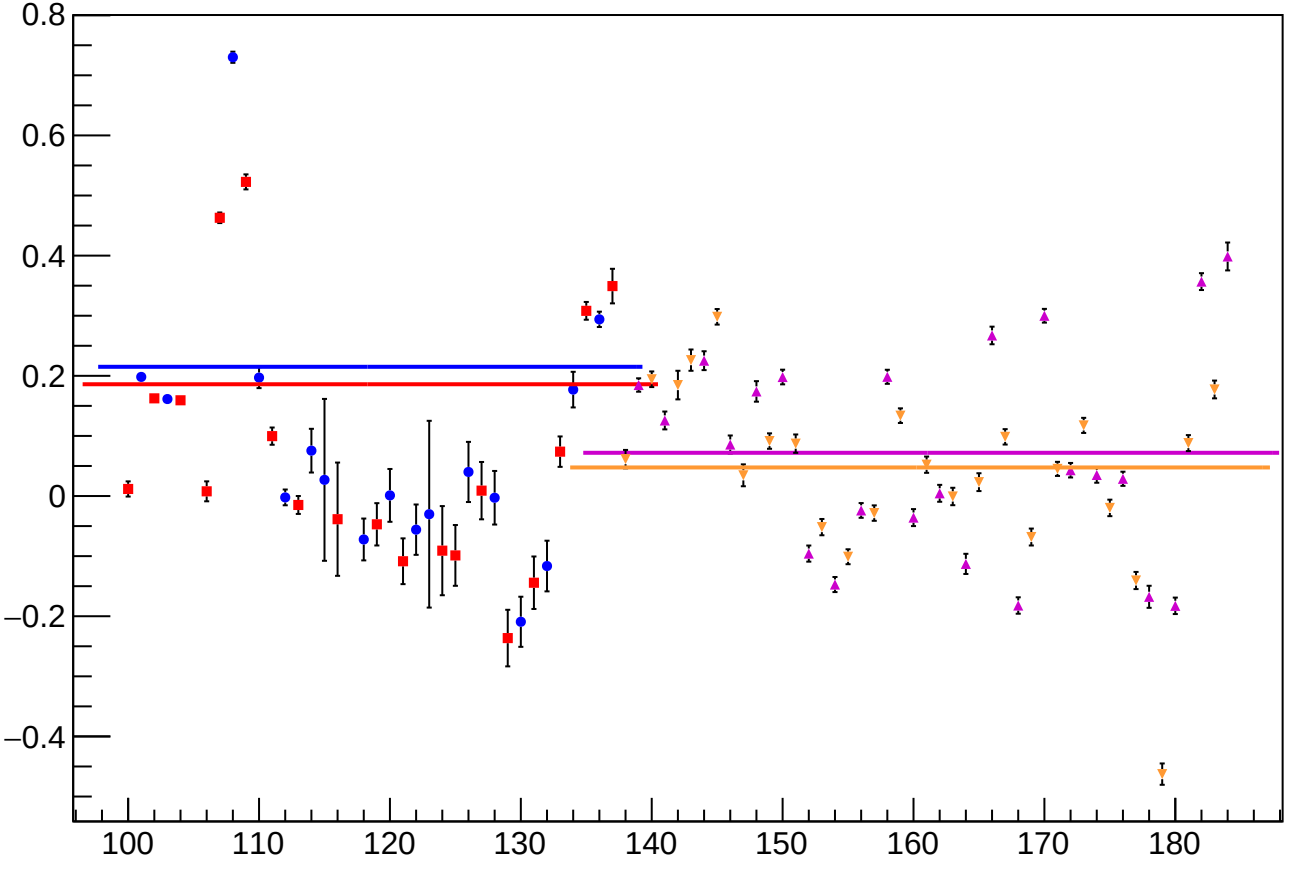
Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 27.958+/-0.045 χ^2/NDF:343121.2/39

Out: 31.745+/-0.046 χ^2/NDF:298015.5/42

All: 29.804+/-0.032 χ^2/NDF: 644537.4/82

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: 0.048+/-0.003 χ^2/NDF:2175.5/23

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

Left: 0.060+/-0.002 χ^2/NDF: 5484.1/46

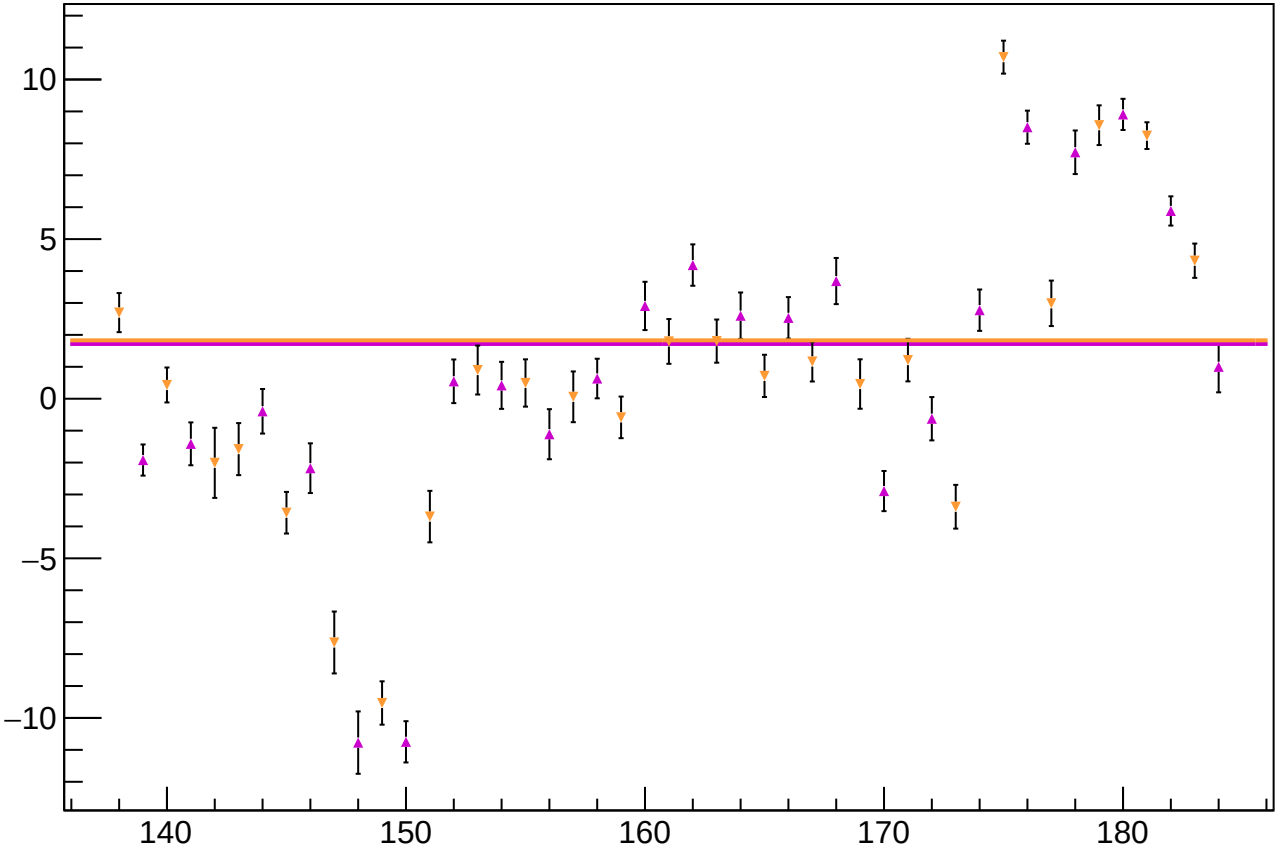
Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.145+/-0.002 χ^2/NDF:8501.8/39

Out: 0.121+/-0.002 χ^2/NDF:6140.5/42

All: 0.133+/-0.001 χ^2/NDF: 14718.6/82

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: 1.829+/-0.134 χ^2/NDF:1289.5/23

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

Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

Left: 1.772+/-0.095 χ^2/NDF: 2603.3/46

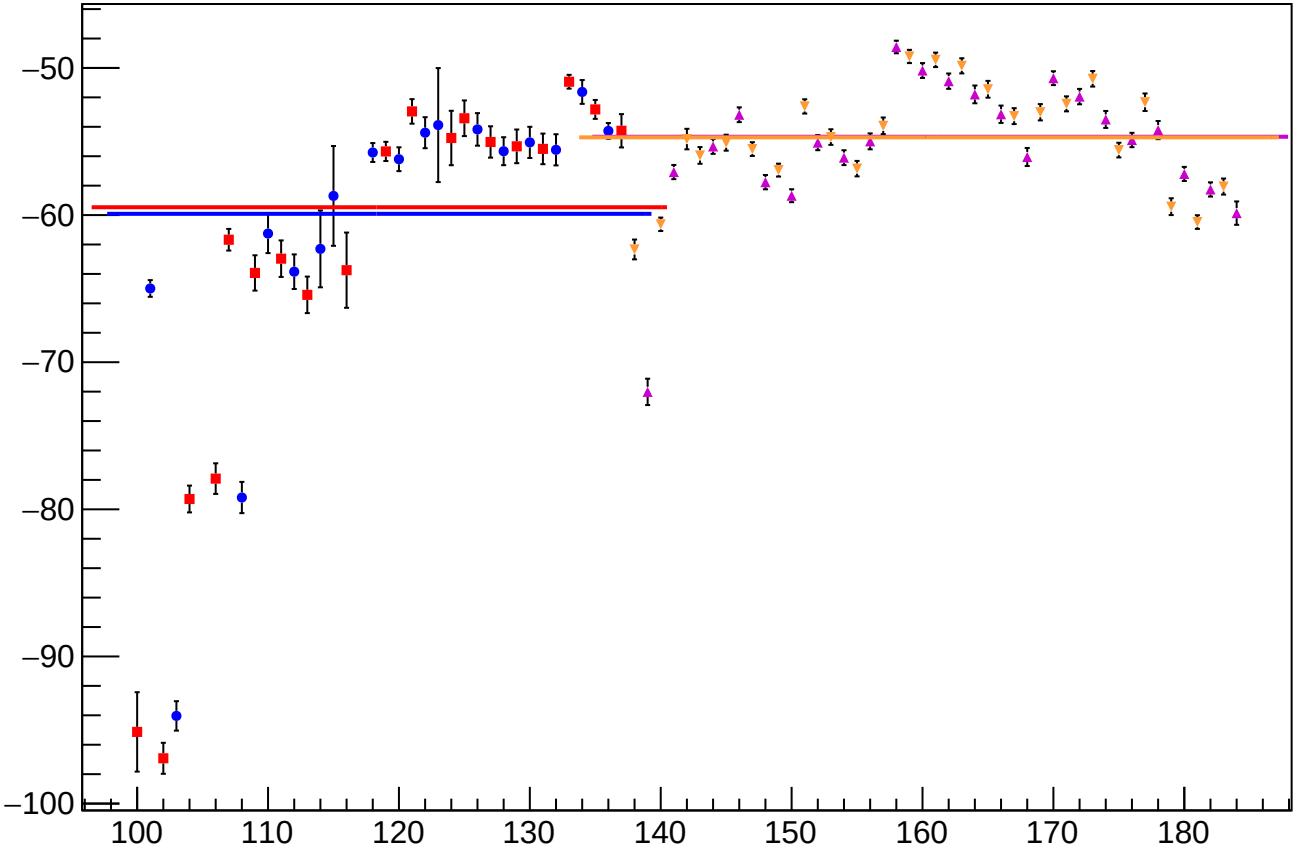
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.715+/-0.134 χ^2/NDF:1313.5/22

Out: 1.829+/-0.134 χ^2/NDF:1289.5/23

All: 1.772+/-0.095 χ^2/NDF: 2603.3/46

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.914+/-0.223 χ^2/NDF: 1979.5/16

Left Out: -54.717+/-0.107 χ^2/NDF:1123.0/23

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

Left: -54.697+/-0.076 χ^2/NDF: 2263.7/46

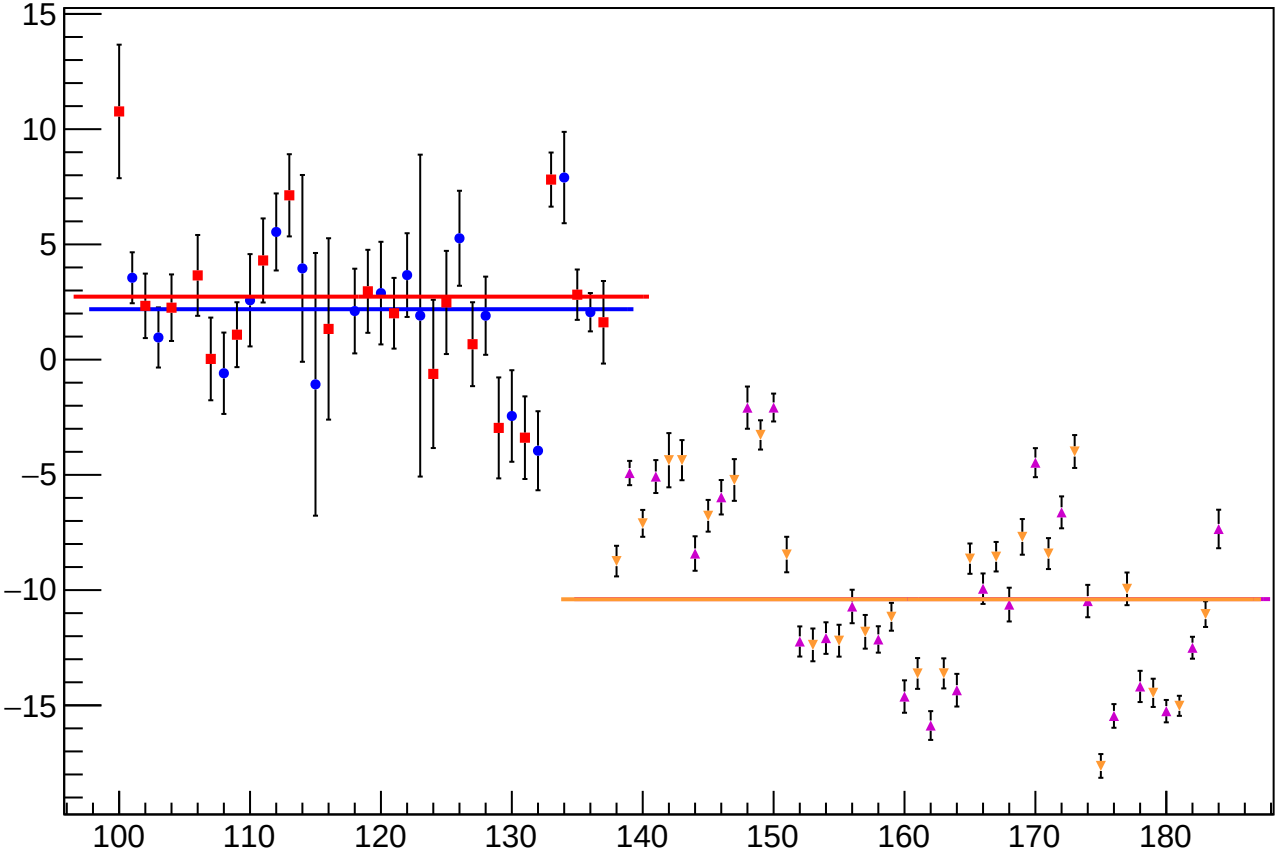
Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -55.694+/-0.098 χ^2/NDF:3564.7/39

Out: -55.678+/-0.095 χ^2/NDF:4436.0/42

All: -55.686+/-0.068 χ^2/NDF: 8000.7/82

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: -10.399+/-0.134 χ^2/NDF:845.2/23

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

Left: -10.395+/-0.095 χ^2/NDF: 1870.0/46

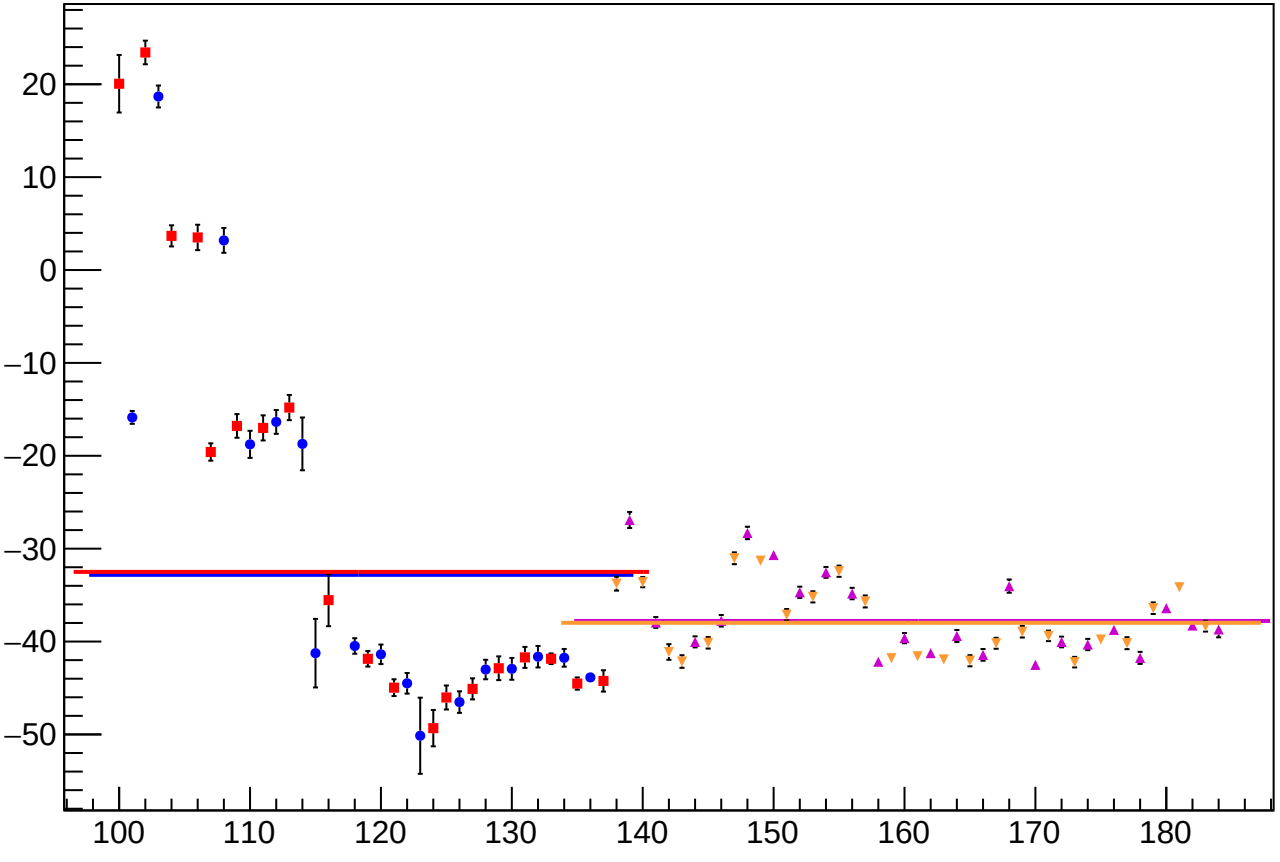
Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -9.149+/-0.127 χ^2/NDF:1937.1/39

Out: -8.993+/-0.127 χ^2/NDF:1928.9/42

All: -9.071+/-0.090 χ^2/NDF: 3866.8/82

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: -37.981+/-0.120 χ^2/NDF:936.9/23

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

Left: -37.884+/-0.086 χ^2/NDF: 2017.9/46

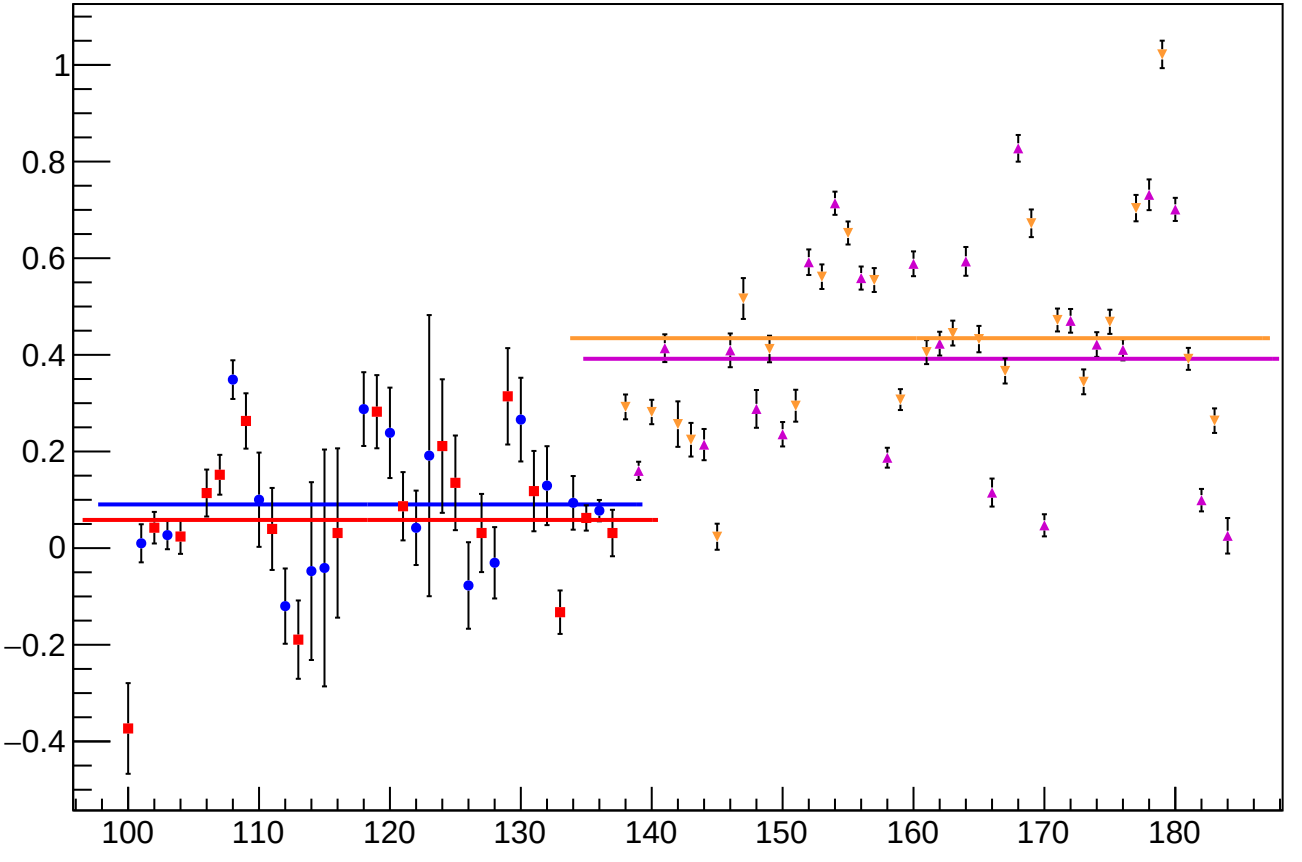
Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -36.854+/-0.110 χ^2/NDF:6057.1/39

Out: -36.914+/-0.108 χ^2/NDF:7381.1/42

All: -36.884+/-0.077 χ^2/NDF: 13438.4/82

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: 0.434+/-0.005 χ^2/NDF:1205.9/23

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

Left: 0.413+/-0.004 χ^2/NDF: 3072.6/46

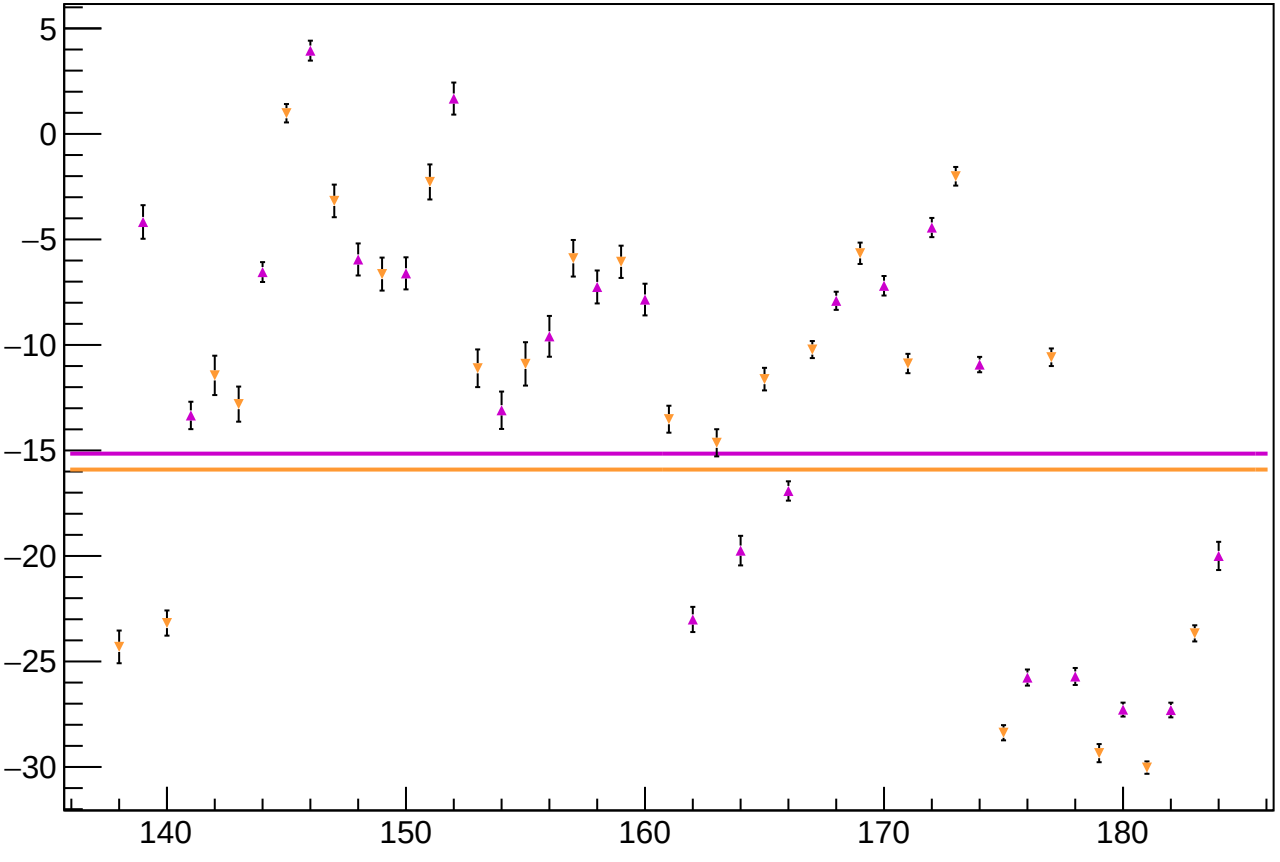
Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.346+/-0.005 χ^2/NDF:2391.4/39

Out: 0.372+/-0.005 χ^2/NDF:2092.1/42

All: 0.359+/-0.004 χ^2/NDF: 4496.6/82

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -15.906+/-0.107 χ^2/NDF:9699.8/23

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

Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

Left: -15.527+/-0.075 χ^2/NDF: 18469.3/46

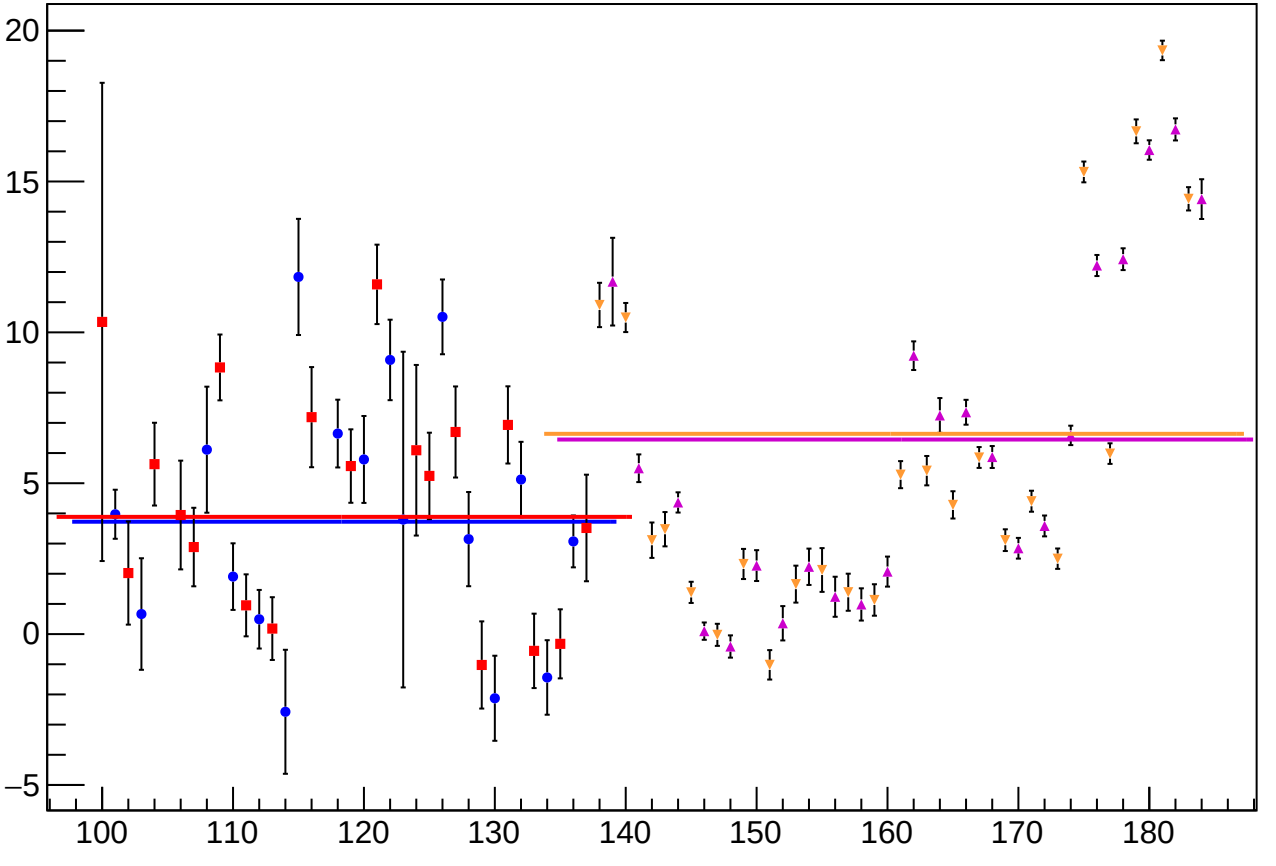
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.151+/-0.106 χ^2/NDF:8744.3/22

Out: -15.906+/-0.107 χ^2/NDF:9699.8/23

All: -15.527+/-0.075 χ^2/NDF: 18469.3/46

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: 6.637+/-0.086 χ^2/NDF:4897.6/23

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

Left: 6.542+/-0.061 χ^2/NDF: 8855.7/46

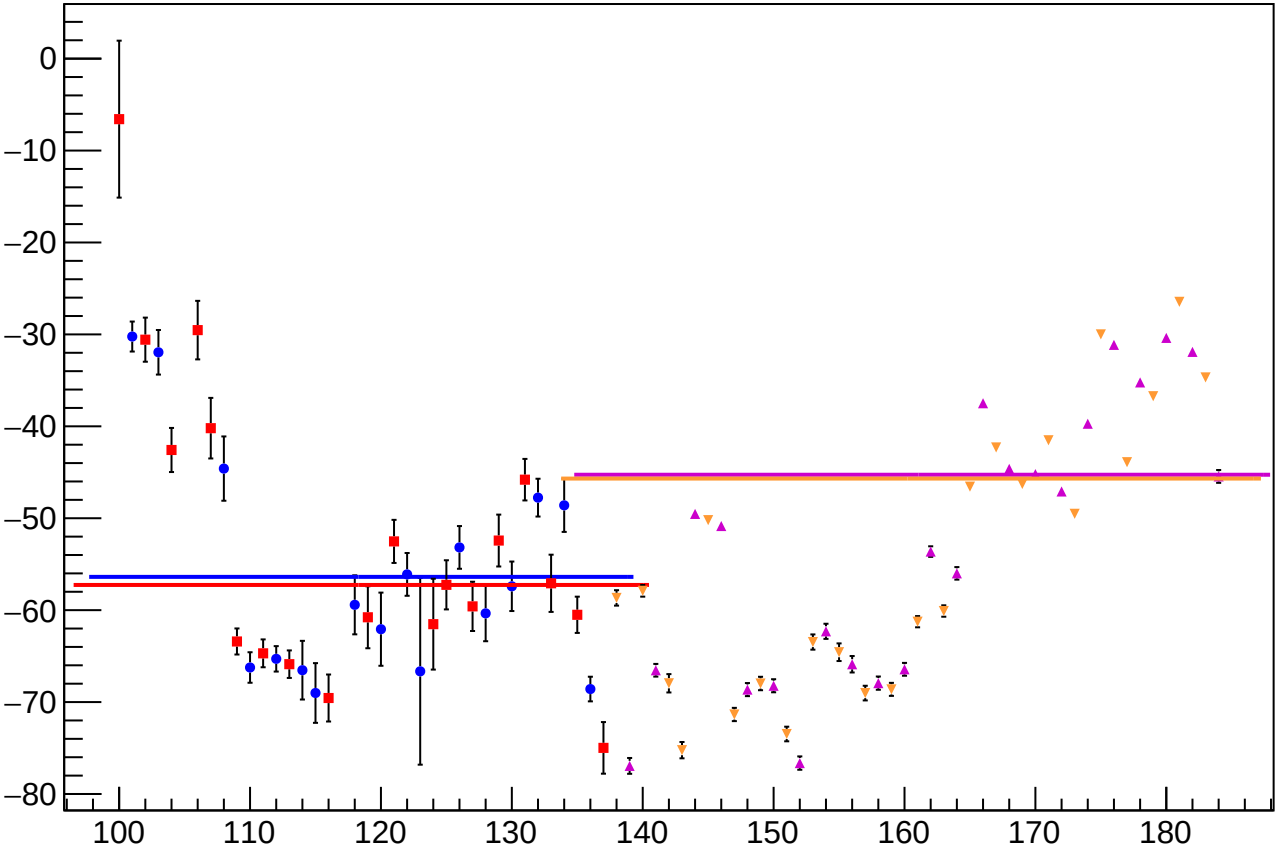
Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 6.252+/-0.083 χ^2/NDF:4164.7/39

Out: 6.446+/-0.083 χ^2/NDF:5102.5/42

All: 6.348+/-0.059 χ^2/NDF: 9269.9/82

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: -45.684+/-0.108 χ^2/NDF:16966.1/23

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

Left: -45.474+/-0.076 χ^2/NDF: 32749.4/46

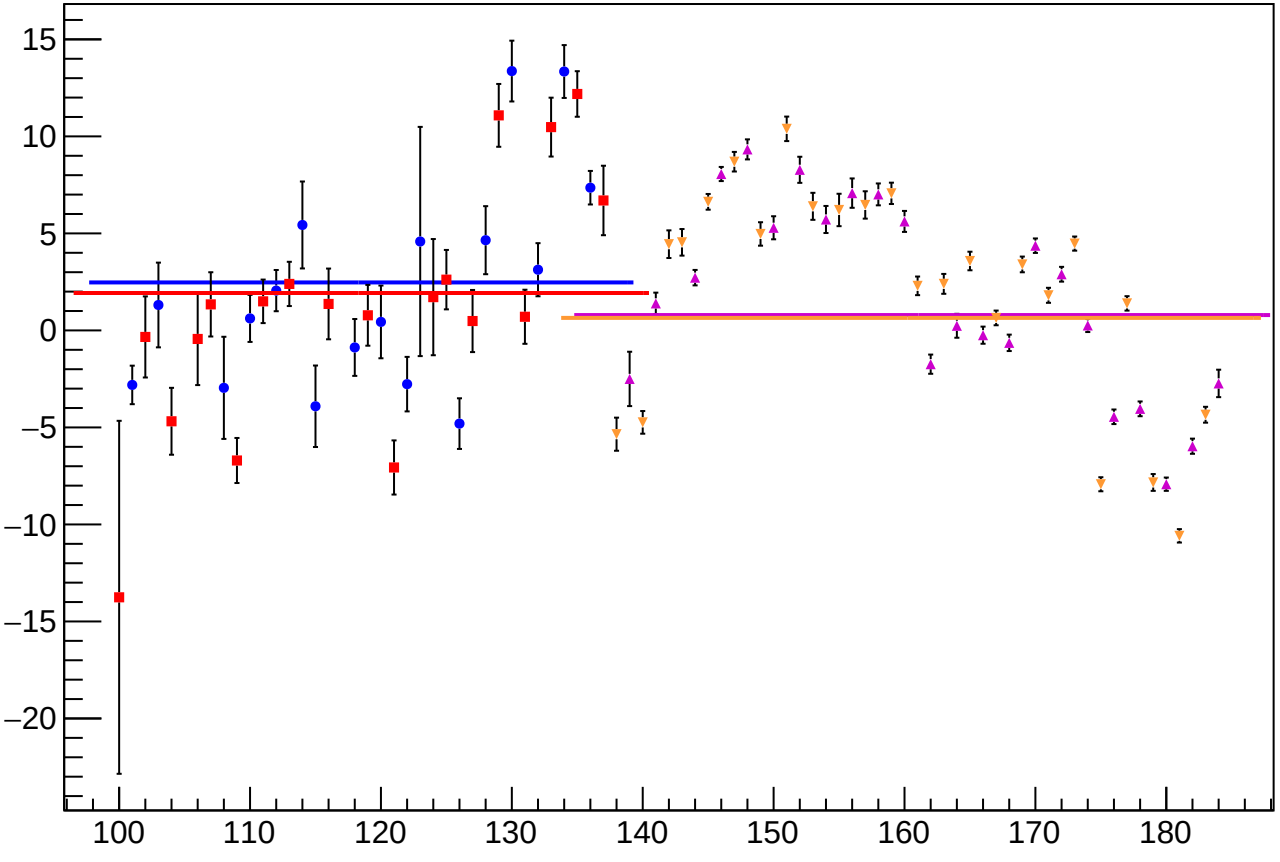
Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -45.683+/-0.105 χ^2/NDF:16767.7/39

Out: -46.133+/-0.106 χ^2/NDF:17890.6/42

All: -45.906+/-0.074 χ^2/NDF: 34667.5/82

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: 0.645+/-0.097 χ^2/NDF:3652.7/23

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

Left: 0.718+/-0.068 χ^2/NDF: 6351.6/46

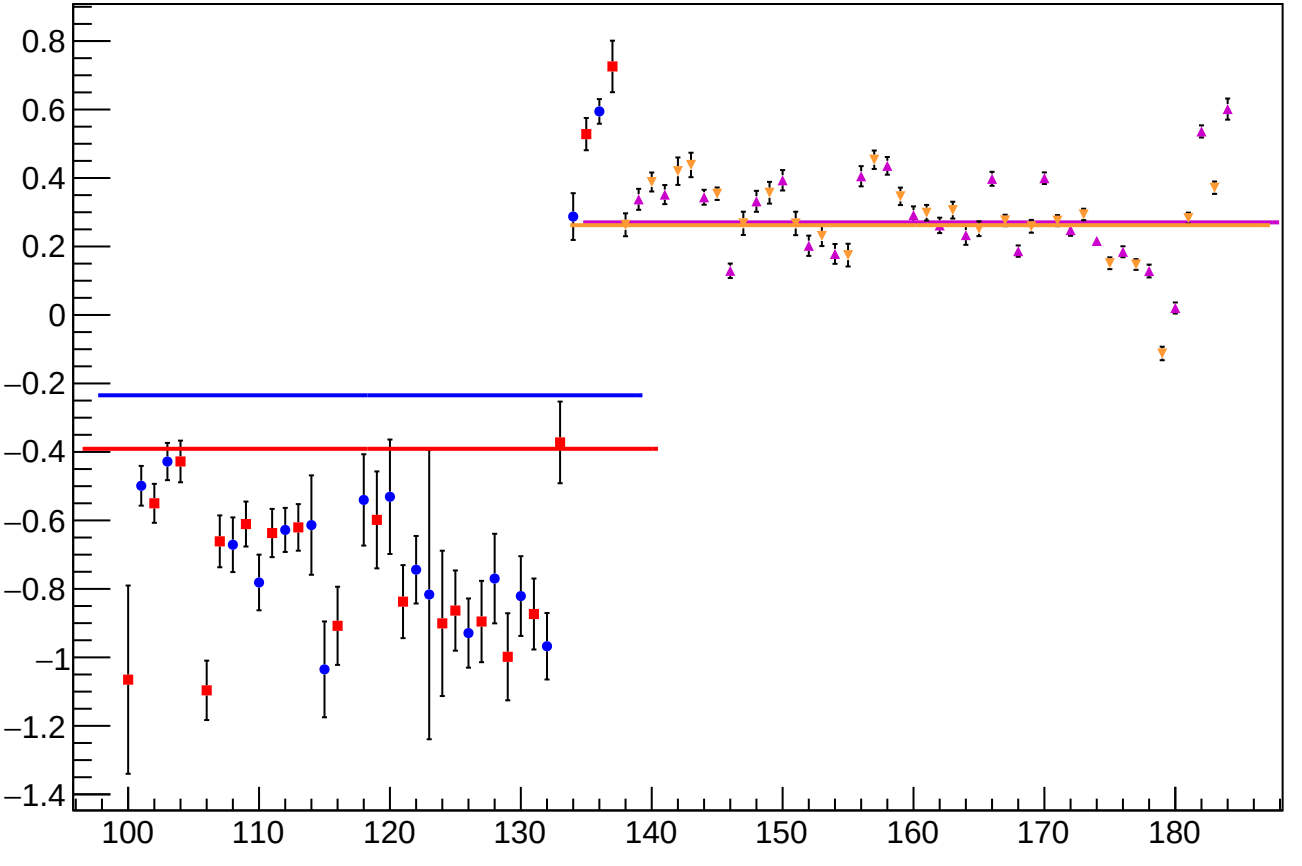
Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 0.912+/-0.093 χ^2/NDF:2963.3/39

Out: 0.734+/-0.093 χ^2/NDF:3931.5/42

All: 0.824+/-0.066 χ^2/NDF: 6896.6/82

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: 0.262+/-0.004 χ^2/NDF:668.9/23

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

Left: 0.266+/-0.003 χ^2/NDF: 1644.2/46

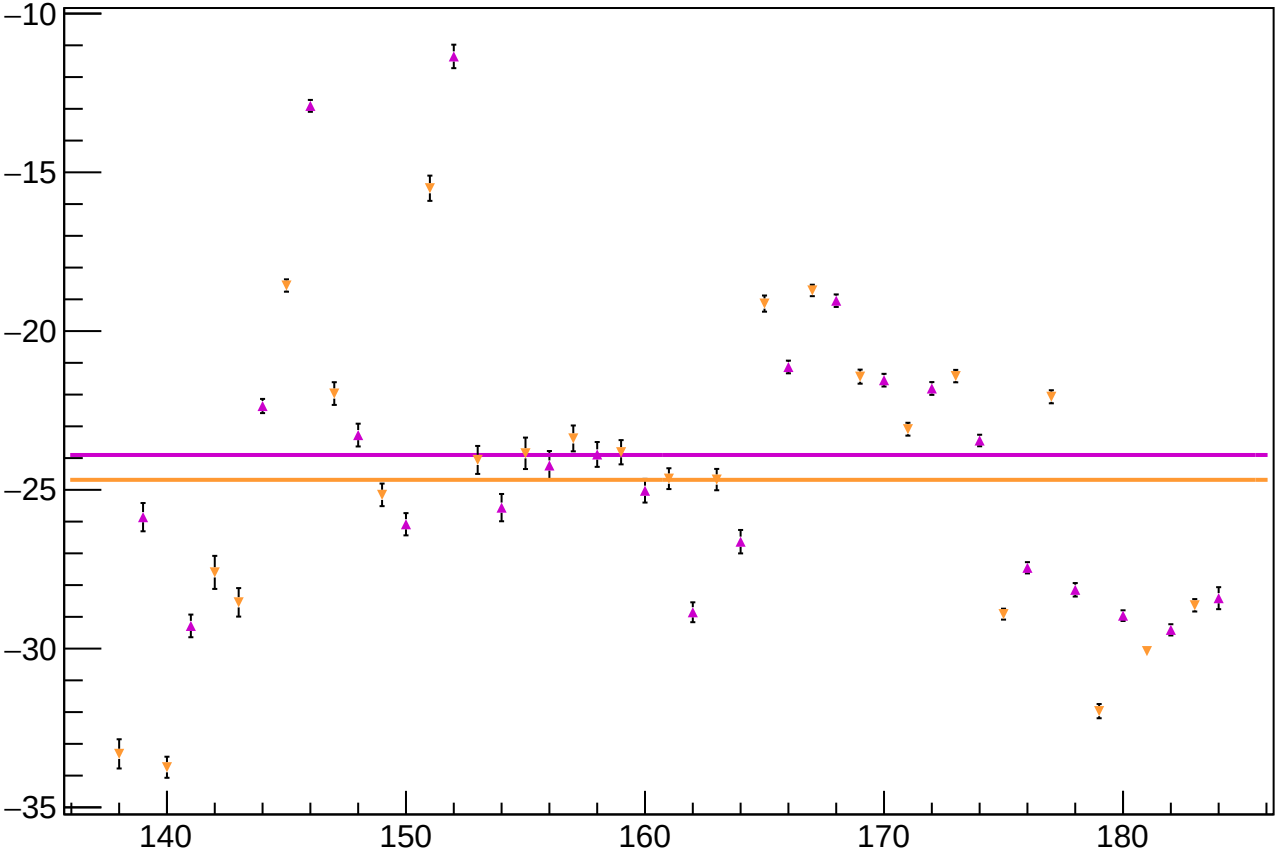
Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.244+/-0.004 χ^2/NDF:2611.0/39

Out: 0.228+/-0.004 χ^2/NDF:2647.3/42

All: 0.236+/-0.003 χ^2/NDF: 5265.1/82

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: -24.685+/-0.052 χ^2/NDF:8417.2/23

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

Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

Left: -24.287+/-0.036 χ^2/NDF: 17692.7/46

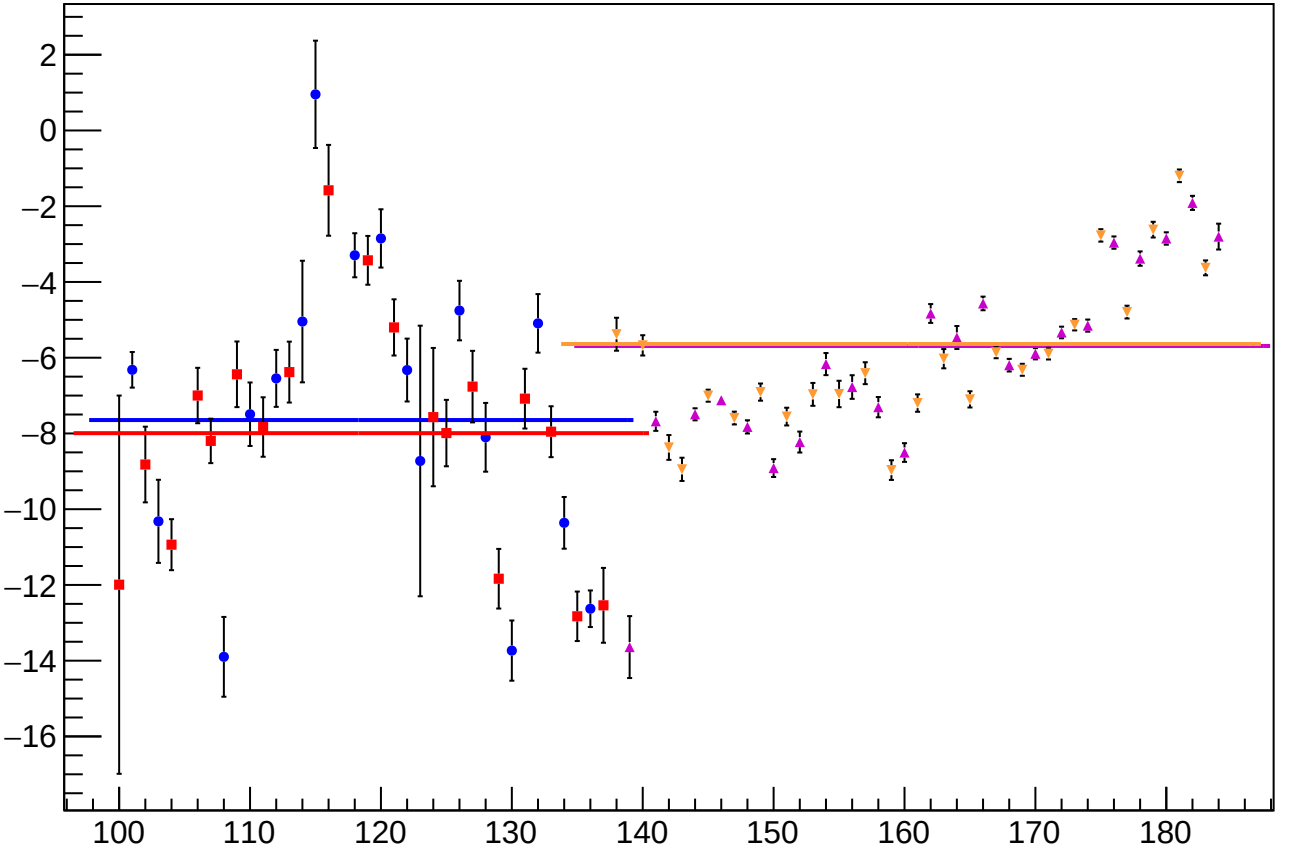
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -23.902+/-0.051 χ^2/NDF:9158.9/22

Out: -24.685+/-0.052 χ^2/NDF:8417.2/23

All: -24.287+/-0.036 χ^2/NDF: 17692.7/46

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: -5.639+/-0.042 χ^2/NDF:2177.5/23

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

Left: -5.665+/-0.029 χ^2/NDF: 4506.6/46

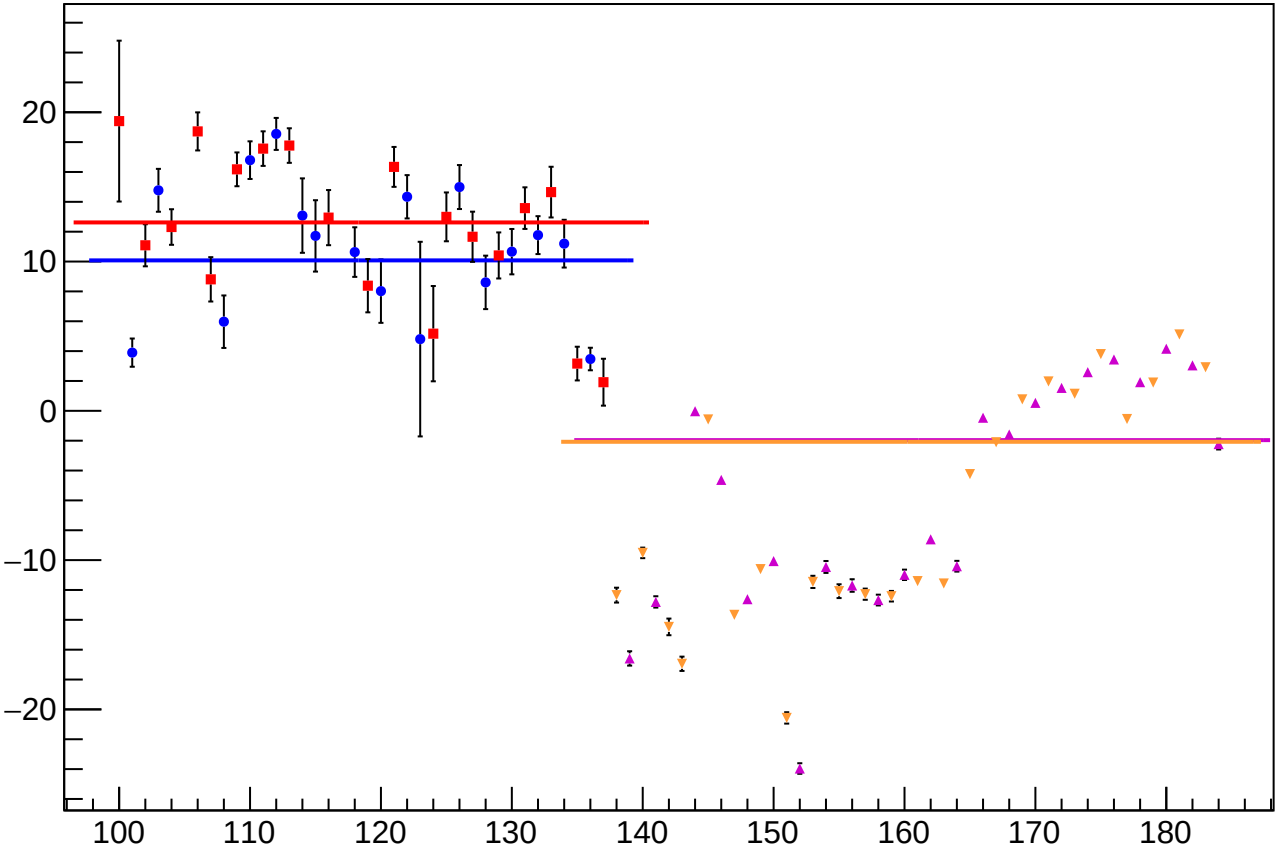
Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -5.779+/-0.040 χ^2/NDF:2827.9/39

Out: -5.751+/-0.041 χ^2/NDF:2555.7/42

All: -5.766+/-0.028 χ^2/NDF: 5383.8/82

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: -2.074+/-0.052 χ^2/NDF:16036.9/23

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

Left: -2.017+/-0.036 χ^2/NDF: 31532.1/46

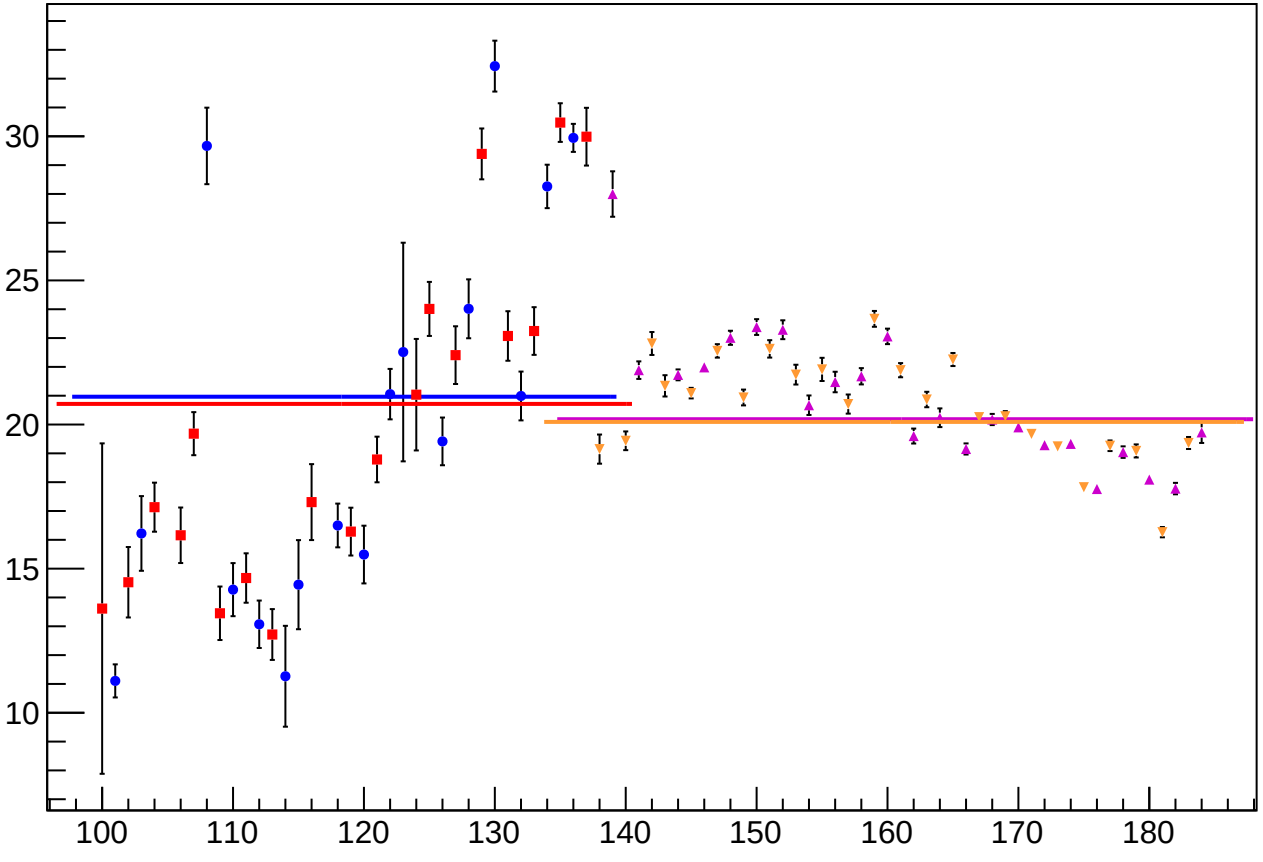
Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -1.693+/-0.050 χ^2/NDF:16995.2/39

Out: -1.722+/-0.051 χ^2/NDF:18163.8/42

All: -1.707+/-0.036 χ^2/NDF: 35159.1/82

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 20.091+/-0.047 χ^2/NDF:1373.1/23

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

Left: 20.139+/-0.033 χ^2/NDF: 2845.8/46

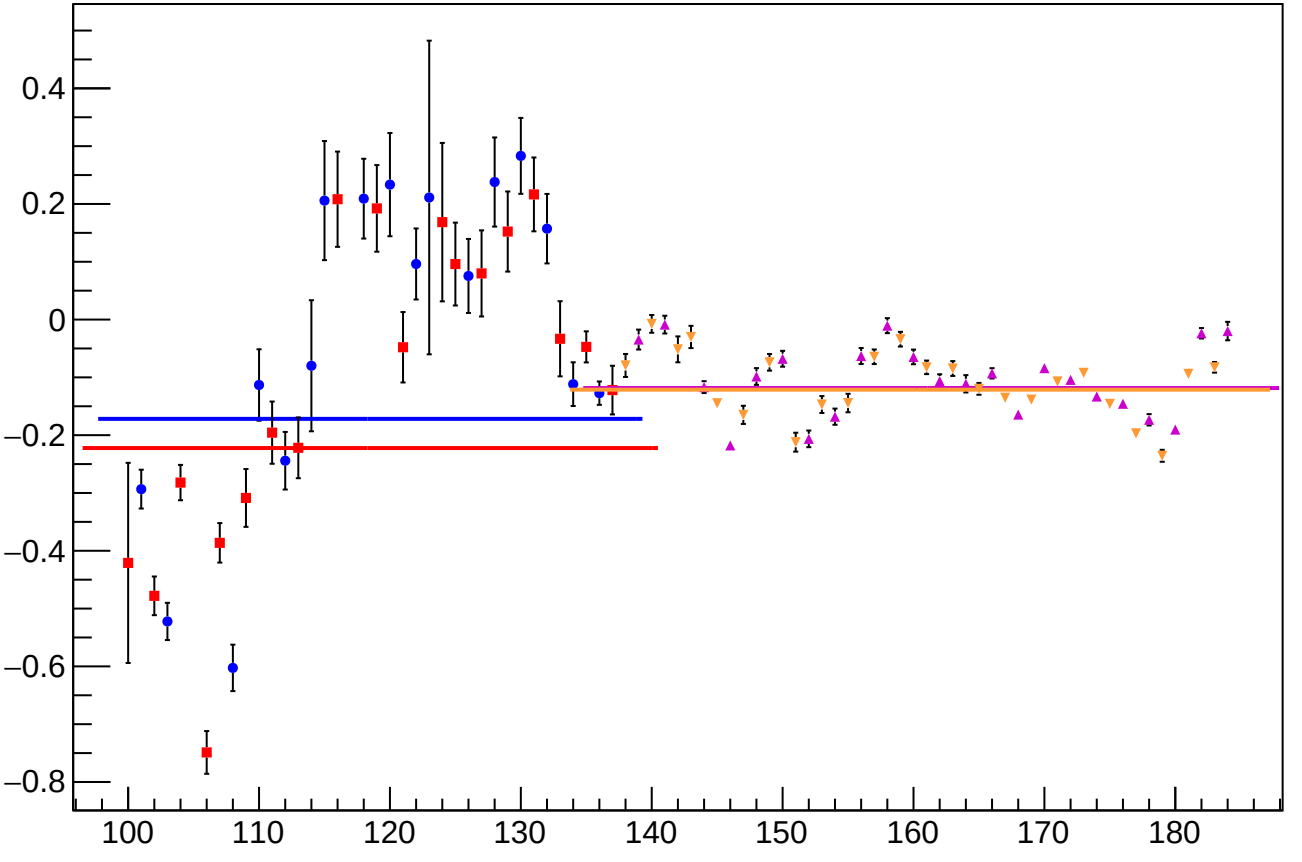
Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 20.220+/-0.045 χ^2/NDF:2709.4/39

Out: 20.120+/-0.045 χ^2/NDF:2111.2/42

All: 20.171+/-0.032 χ^2/NDF: 4823.0/82

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: -0.121+/-0.002 χ^2/NDF:523.1/23

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

Left: -0.120+/-0.001 χ^2/NDF: 1251.5/46

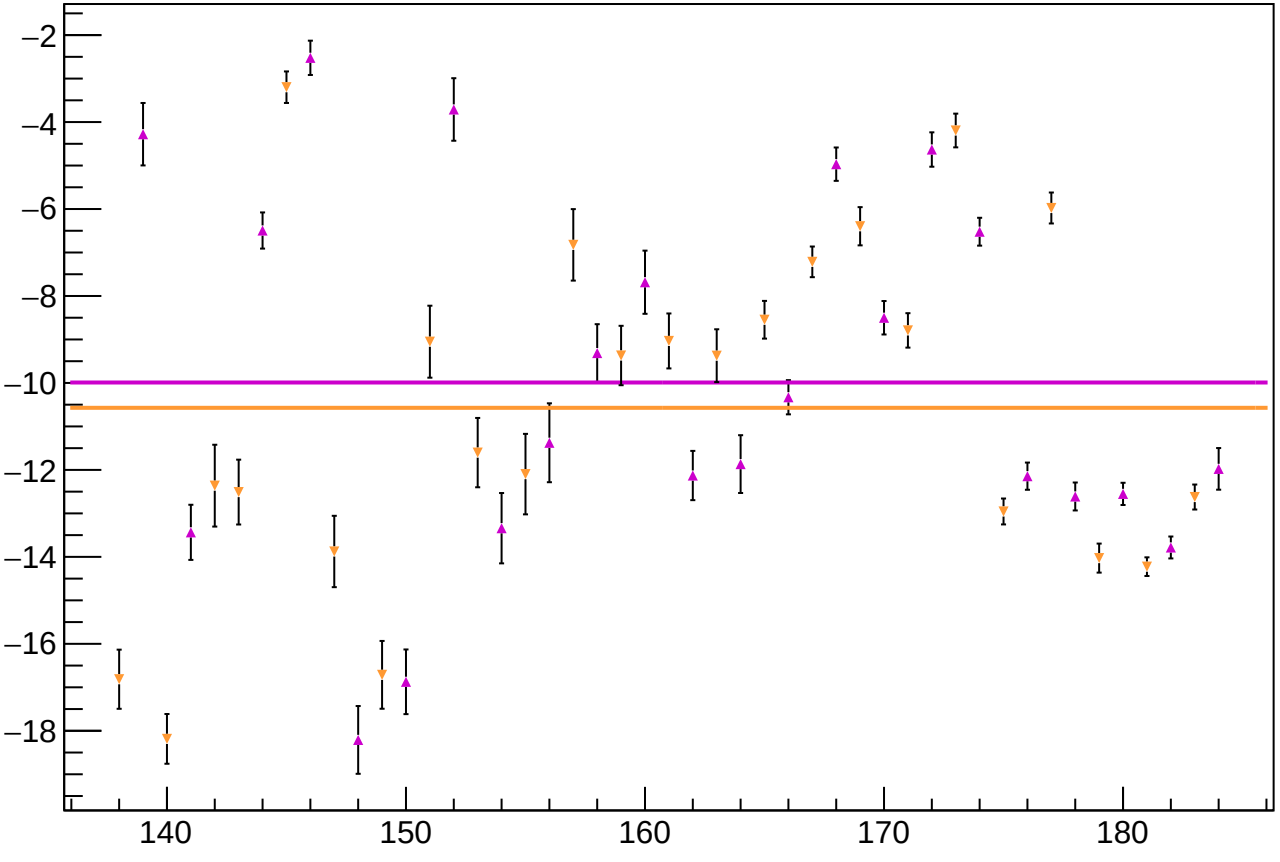
Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.120+/-0.002 χ^2/NDF:1213.6/39

Out: -0.125+/-0.002 χ^2/NDF:1141.3/42

All: -0.123+/-0.001 χ^2/NDF: 2357.4/82

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.572+/-0.089 χ^2/NDF:1977.6/23

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

Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

Left: -10.280+/-0.063 χ^2/NDF: 3793.1/46

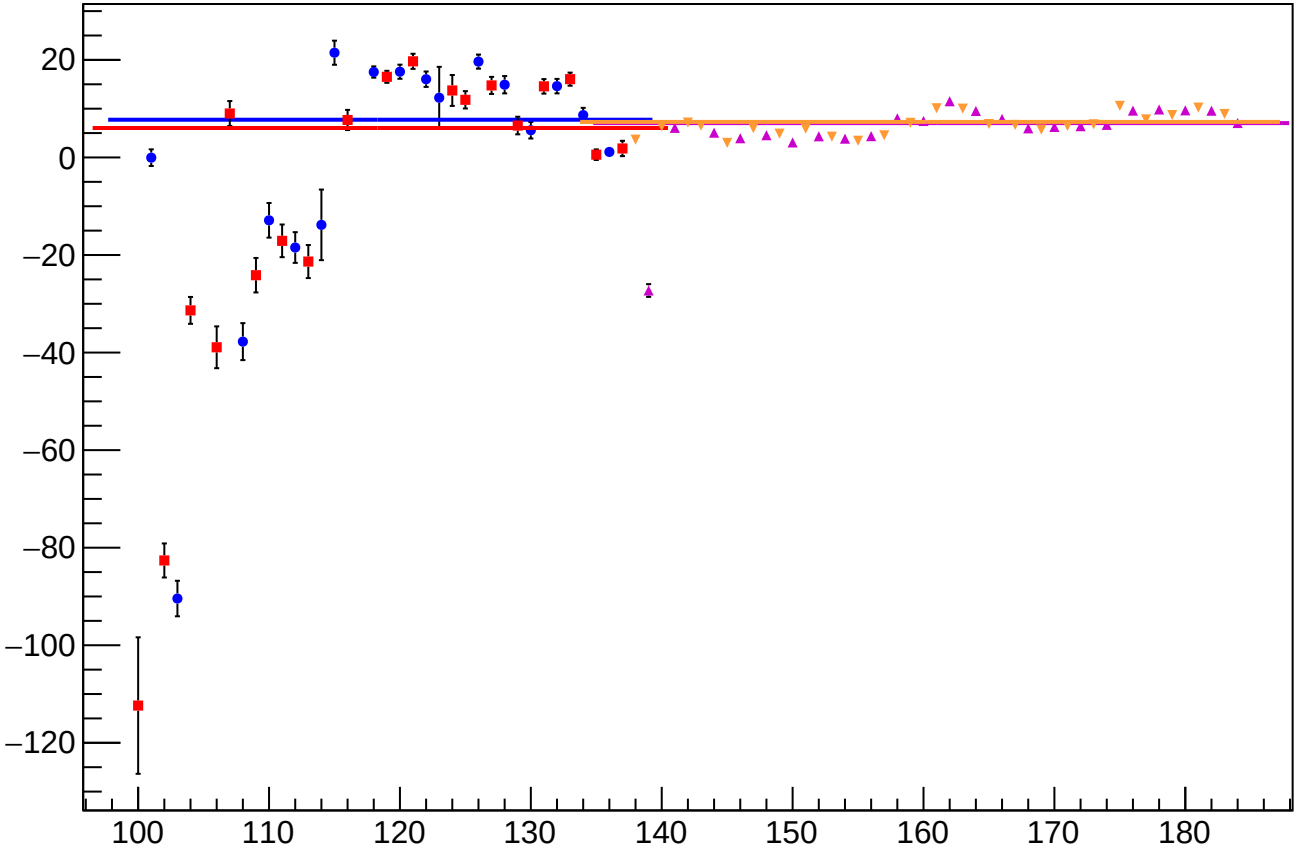
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.990+/-0.089 χ^2/NDF:1794.2/22

Out: -10.572+/-0.089 χ^2/NDF:1977.6/23

All: -10.280+/-0.063 χ^2/NDF: 3793.1/46

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: 7.286+/-0.075 χ^2/NDF:850.9/23

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

Left: 7.163+/-0.053 χ^2/NDF: 2460.8/46

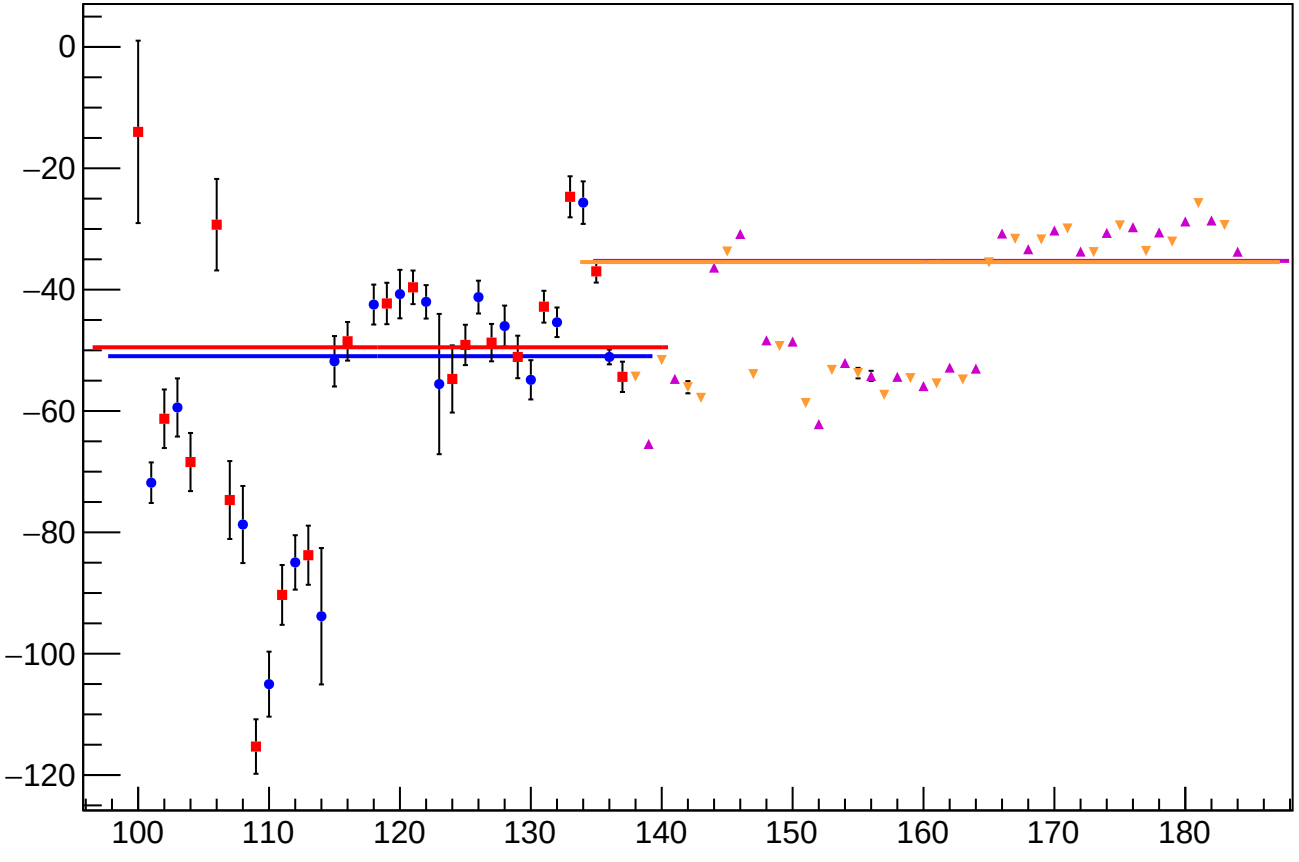
Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 7.066+/-0.073 χ^2/NDF:2965.9/39

Out: 7.250+/-0.074 χ^2/NDF:2371.0/42

All: 7.157+/-0.052 χ^2/NDF: 5340.1/82

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: -35.453+/-0.090 χ^2/NDF:12603.3/23

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

Left: -35.356+/-0.064 χ^2/NDF: 24374.9/46

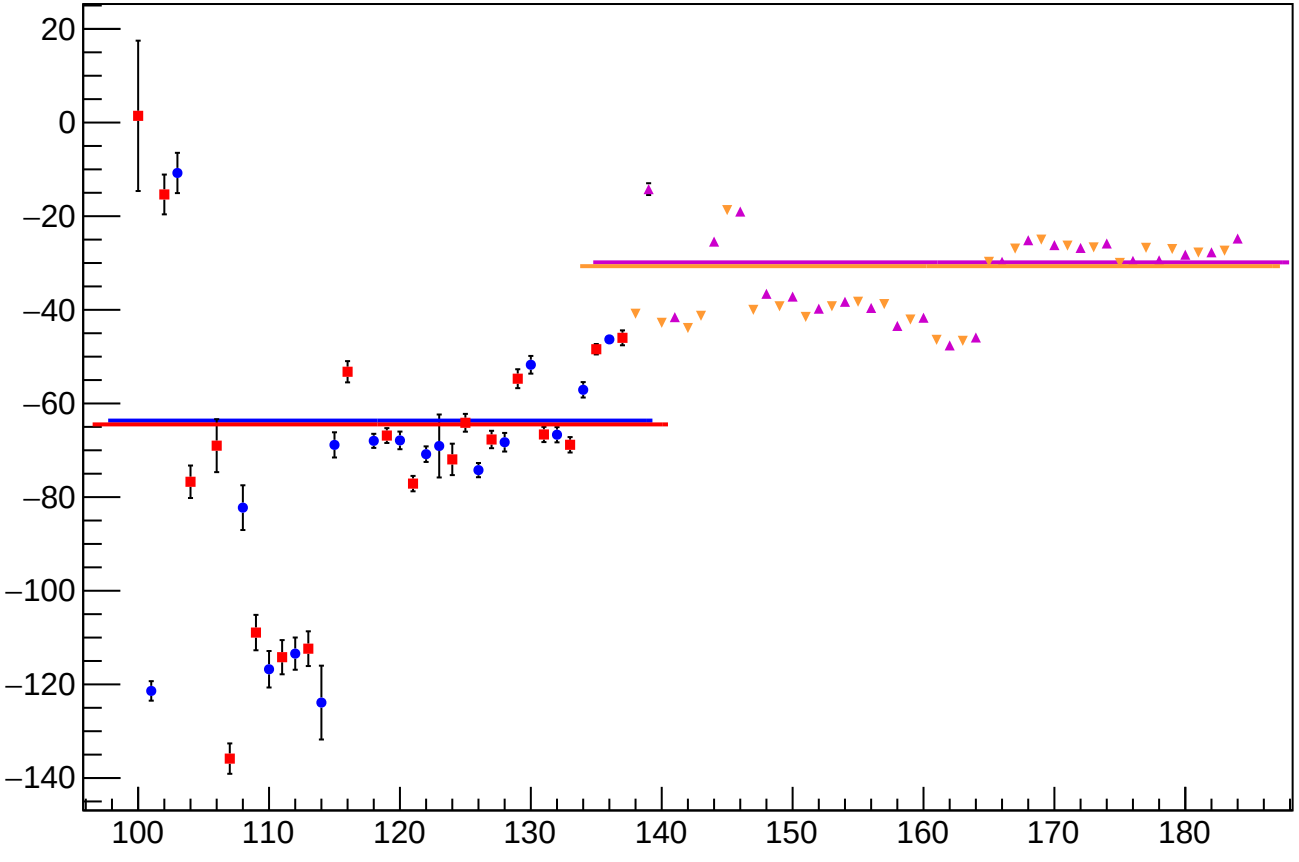
Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -35.489+/-0.089 χ^2/NDF:12548.6/39

Out: -35.631+/-0.090 χ^2/NDF:13420.1/42

All: -35.559+/-0.063 χ^2/NDF: 25970.0/82

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: -30.674+/-0.083 χ^2/NDF:7790.1/23

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

Left: -30.266+/-0.058 χ^2/NDF: 14984.3/46

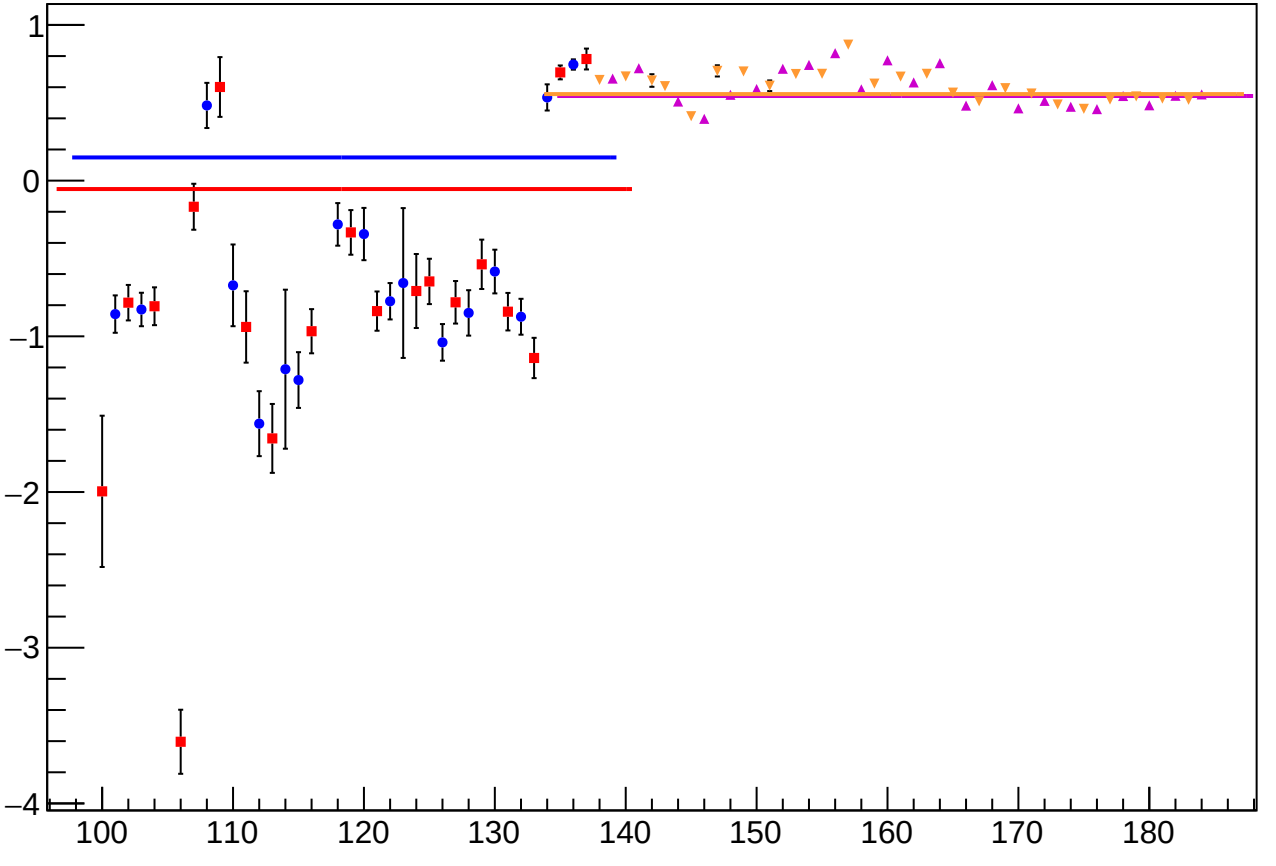
Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -30.978+/-0.081 χ^2/NDF:14728.1/39

Out: -31.640+/-0.082 χ^2/NDF:14162.8/42

All: -31.306+/-0.057 χ^2/NDF: 28924.1/82

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: 0.556+/-0.004 χ^2/NDF:527.2/23

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

Left: 0.550+/-0.003 χ^2/NDF: 1191.7/46

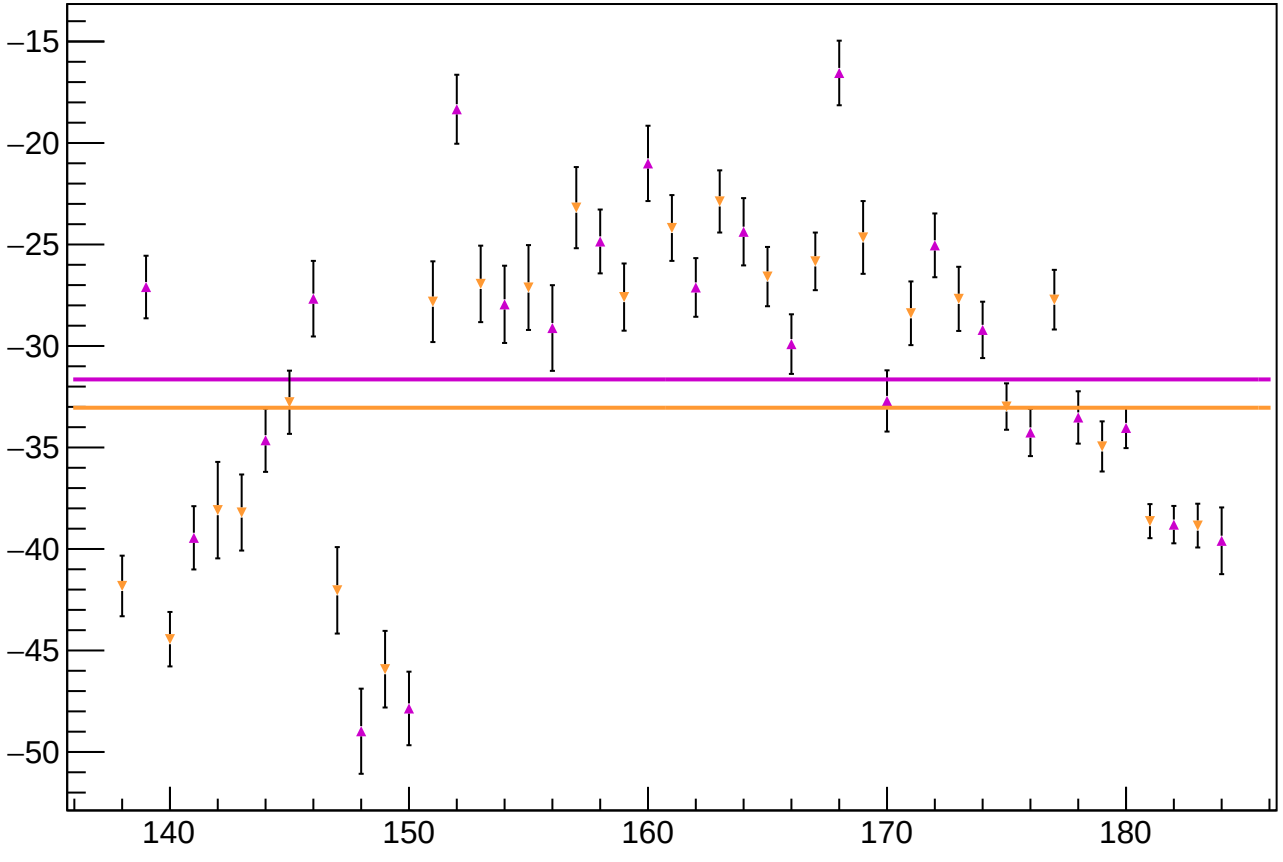
Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.534+/-0.004 χ^2/NDF:1913.5/39

Out: 0.543+/-0.004 χ^2/NDF:2225.9/42

All: 0.539+/-0.003 χ^2/NDF: 4142.5/82

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: -33.041+/-0.304 χ^2/NDF:494.2/23

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

Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

Left: -32.352+/-0.216 χ^2/NDF: 1051.5/46

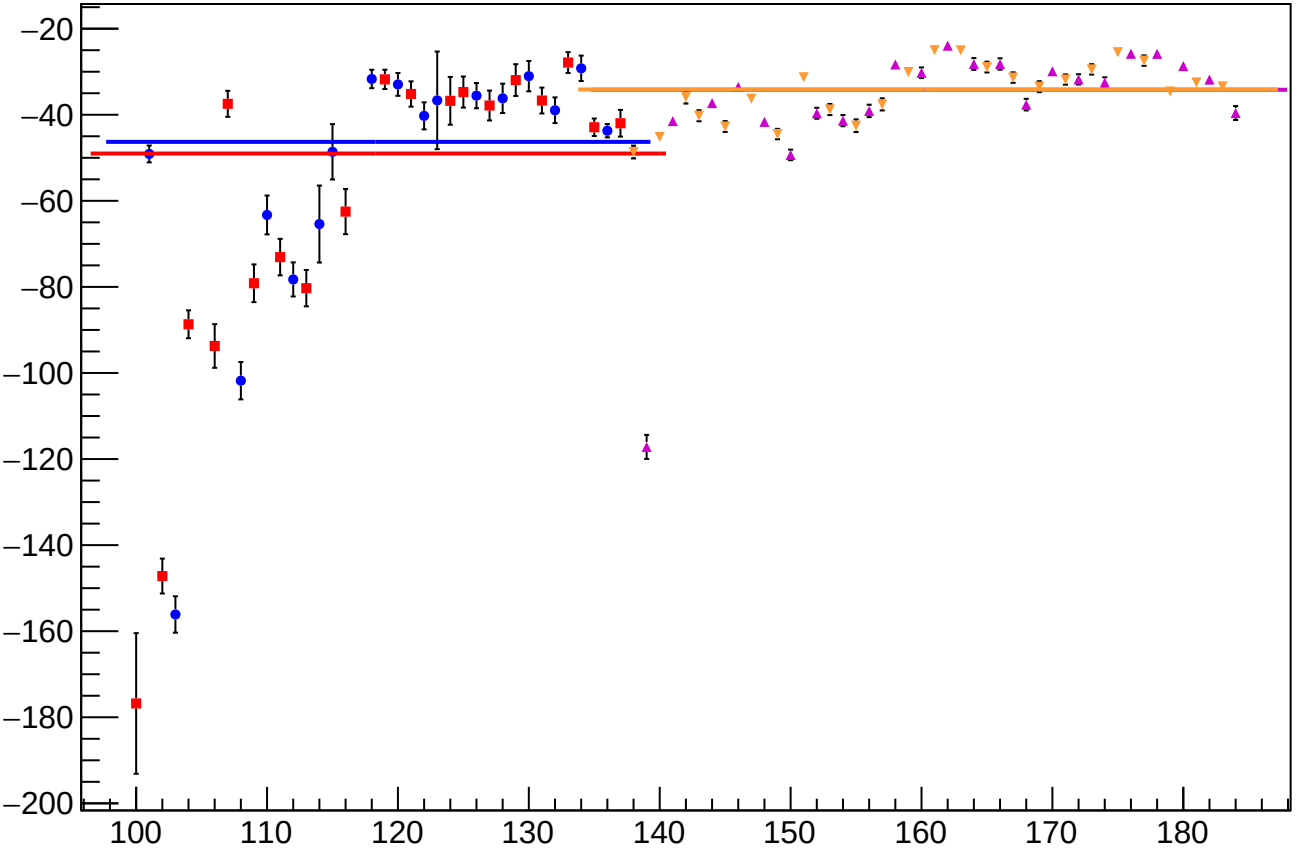
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.647+/-0.308 χ^2/NDF:546.9/22

Out: -33.041+/-0.304 χ^2/NDF:494.2/23

All: -32.352+/-0.216 χ^2/NDF: 1051.5/46

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300+/-0.723 χ^2/NDF: 1084.0/16

Left Out: -34.126+/-0.244 χ^2/NDF:677.3/23

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

Left: -34.157+/-0.175 χ^2/NDF: 2223.4/46

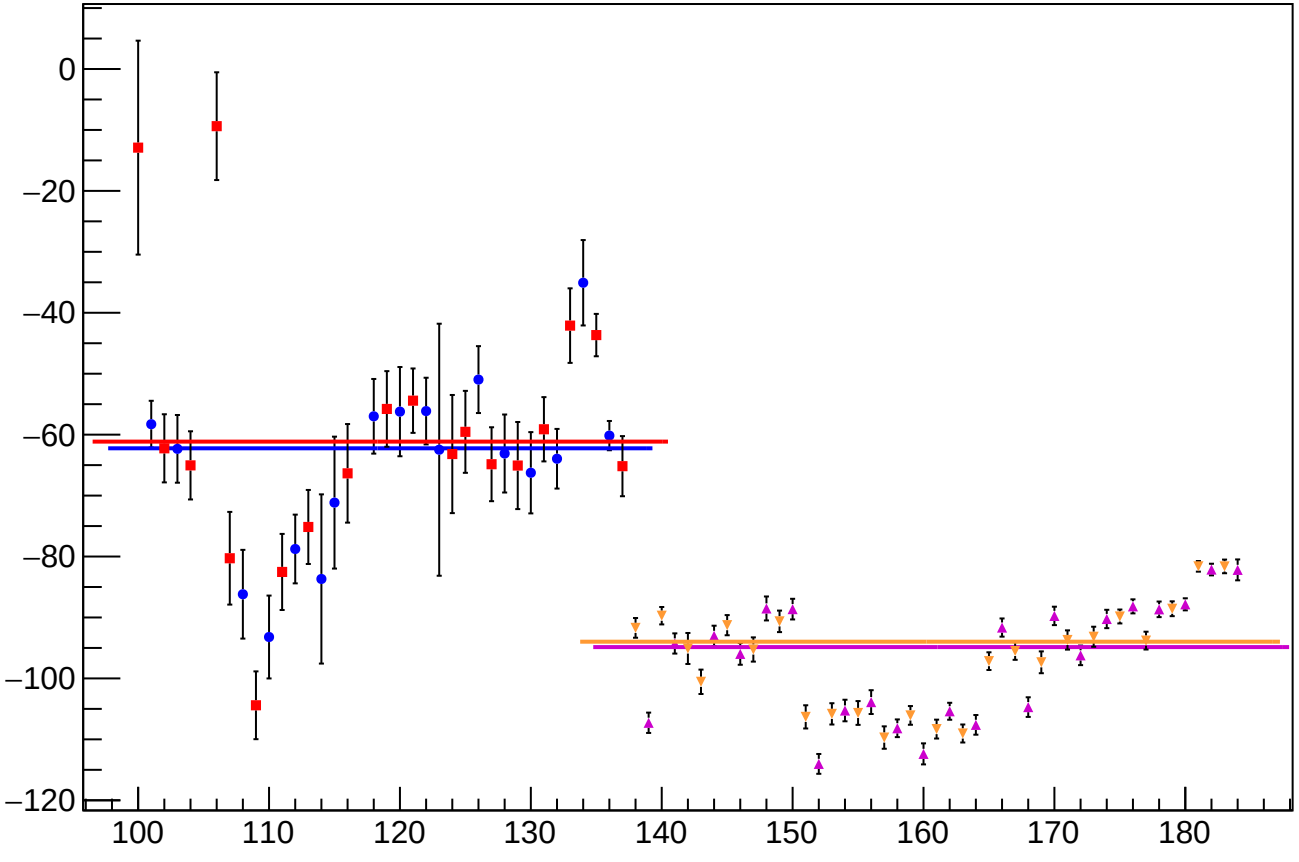
Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -35.485+/-0.236 χ^2/NDF:2880.9/39

Out: -35.507+/-0.233 χ^2/NDF:2293.4/42

All: -35.496+/-0.166 χ^2/NDF: 5174.3/82

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: -93.975+/-0.305 χ^2/NDF:842.6/23

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

Left: -94.415+/-0.217 χ^2/NDF: 1832.3/46

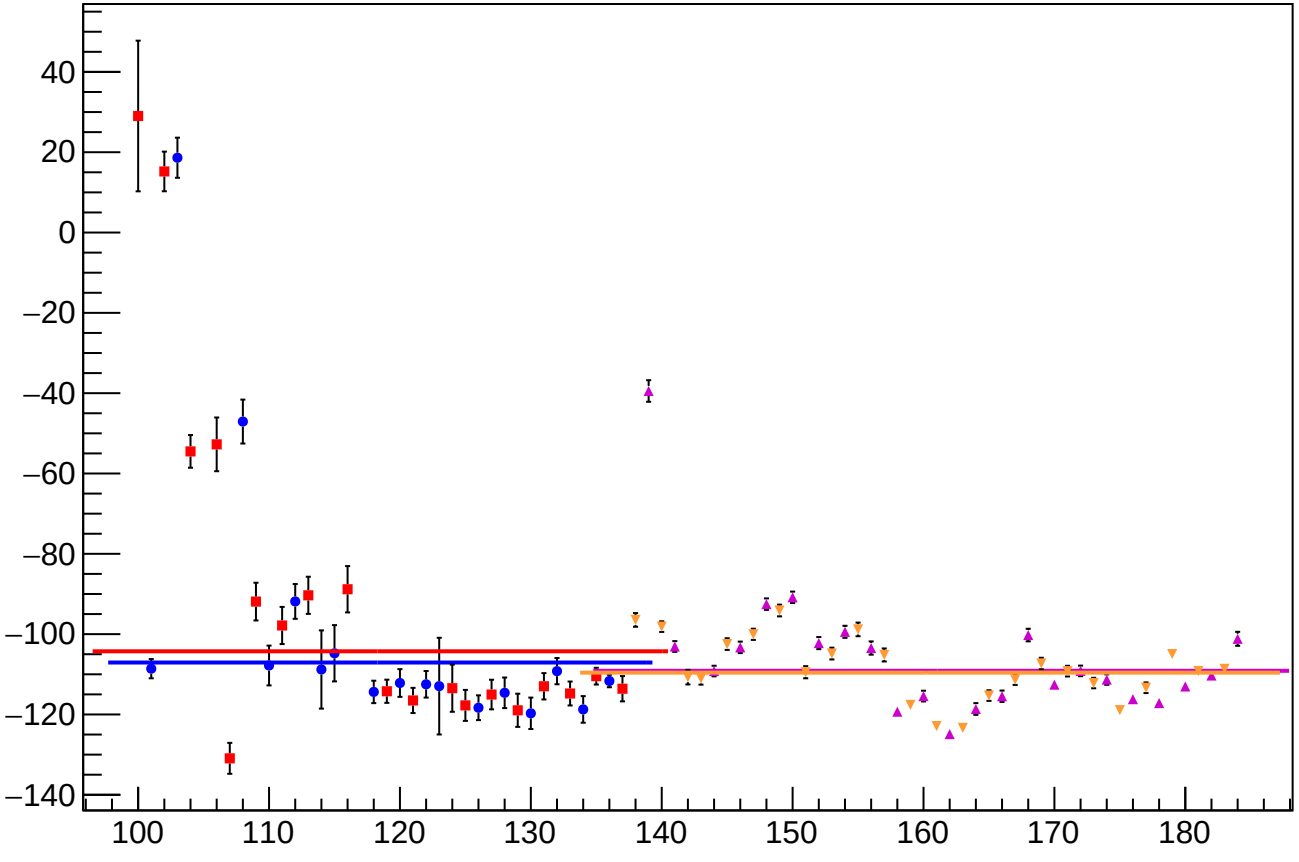
Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -93.160+/-0.299 χ^2/NDF:1640.5/39

Out: -92.441+/-0.298 χ^2/NDF:1548.2/42

All: -92.799+/-0.211 χ^2/NDF: 3191.6/82

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.066+/-0.811 χ^2/NDF: 828.4/16

Left Out: -109.588+/-0.275 χ^2/NDF:783.0/23

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

Left: -109.361+/-0.196 χ^2/NDF: 2363.0/46

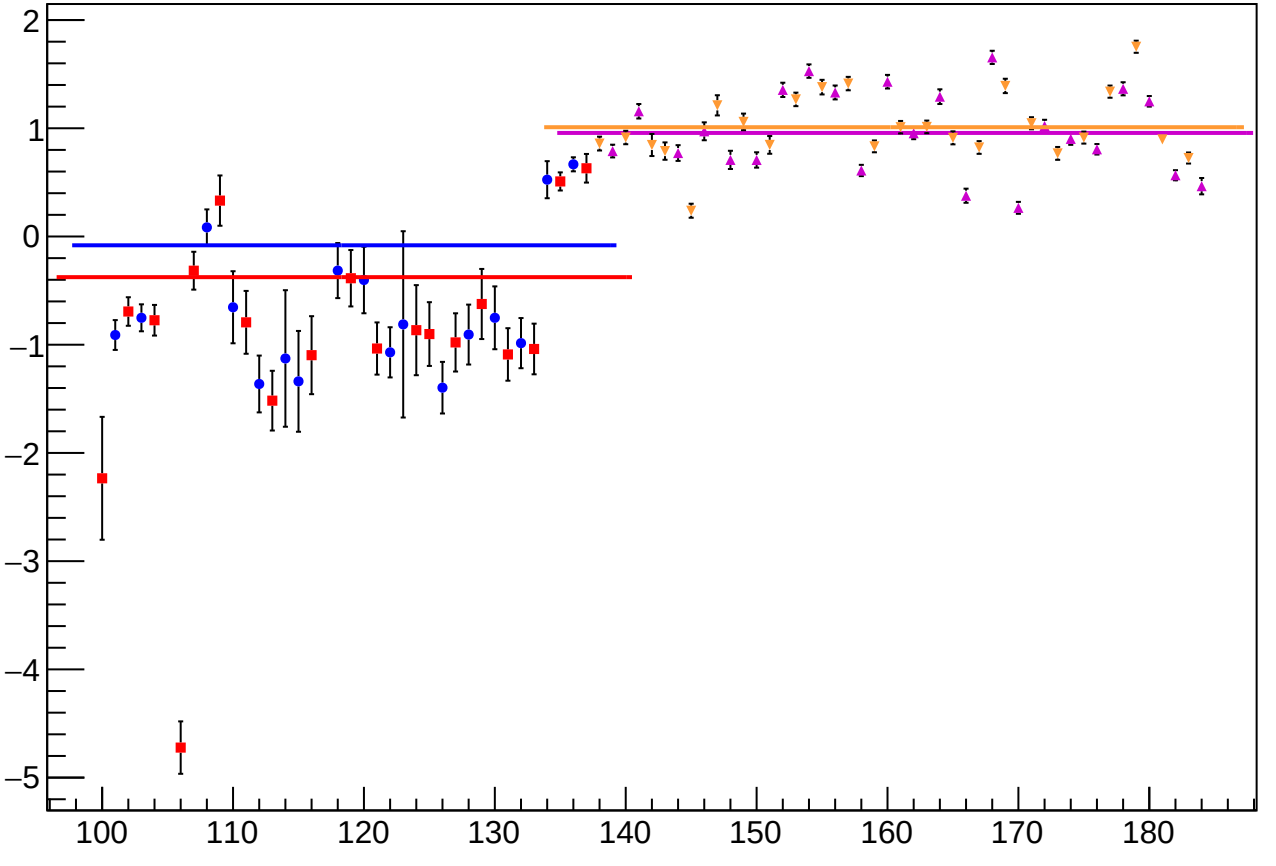
Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -108.908+/-0.264 χ^2/NDF:2412.8/39

Out: -109.097+/-0.262 χ^2/NDF:1836.2/42

All: -109.004+/-0.186 χ^2/NDF: 4249.3/82

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: 1.010+/-0.013 χ^2/NDF:580.5/23

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

Left: 0.983+/-0.009 χ^2/NDF: 1485.7/46

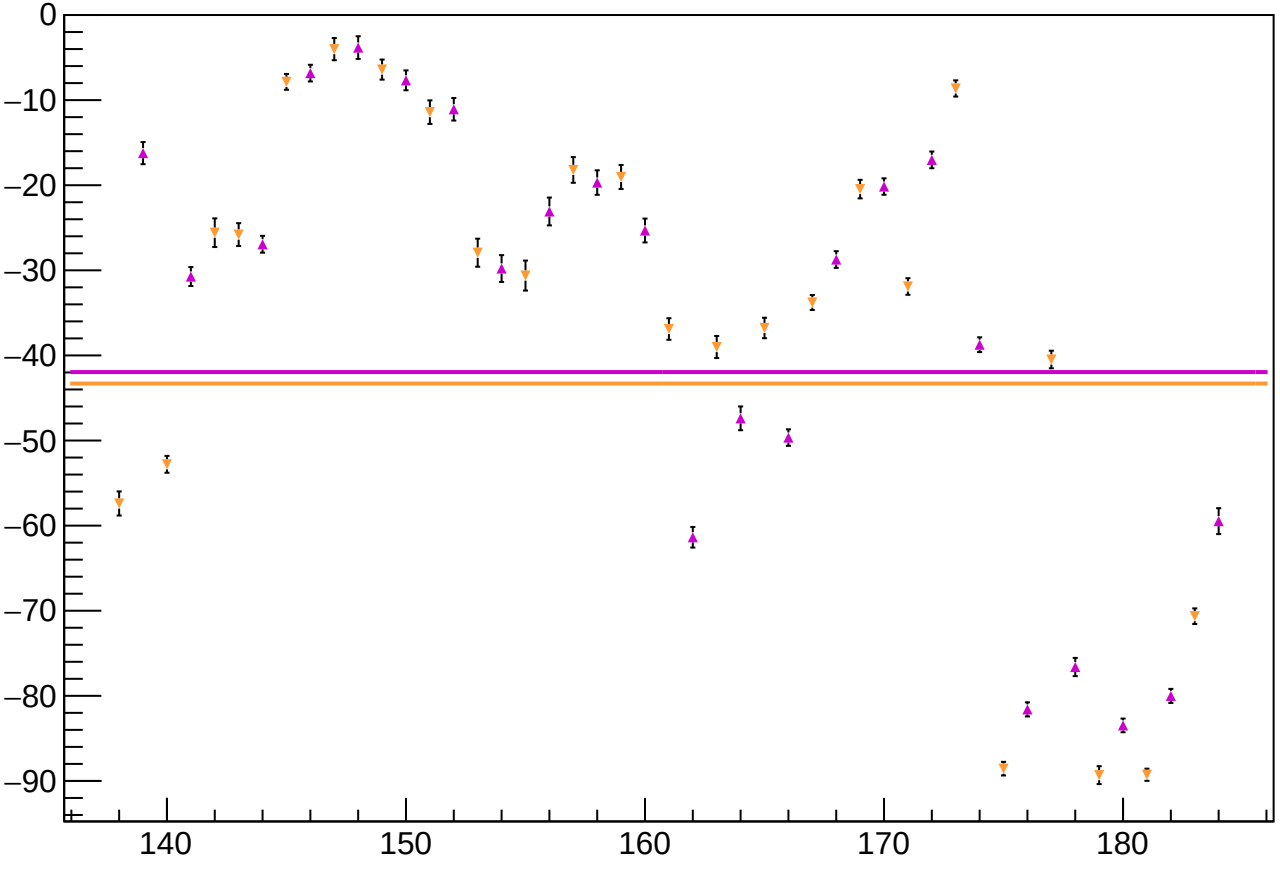
Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.872+/-0.012 χ^2/NDF:1781.9/39

Out: 0.904+/-0.012 χ^2/NDF:2084.1/42

All: 0.888+/-0.009 χ^2/NDF: 3869.6/82

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -43.303+/-0.225 χ^2/NDF:17295.8/23

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

Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

Left: -42.633+/-0.159 χ^2/NDF: 32037.1/46

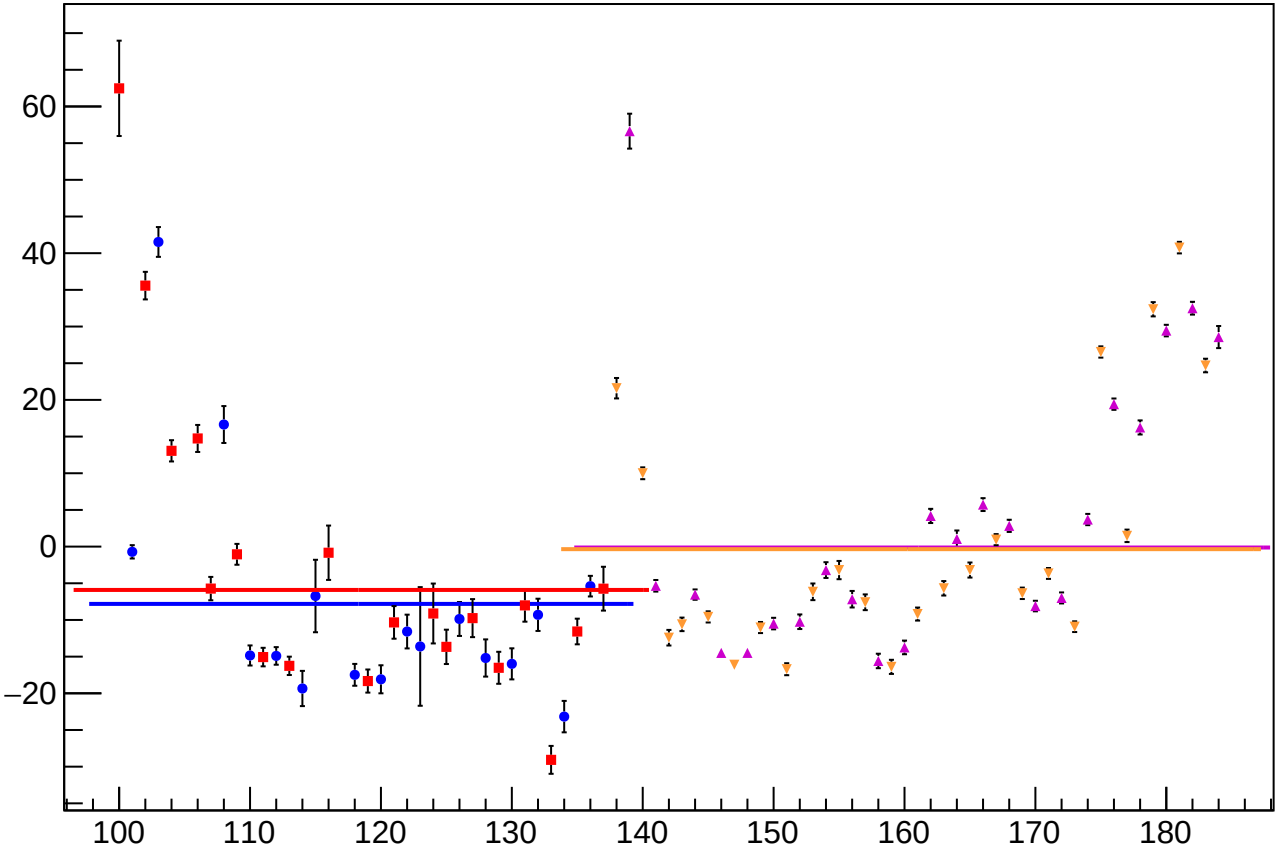
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -41.955+/-0.226 χ^2/NDF:14723.4/22

Out: -43.303+/-0.225 χ^2/NDF:17295.8/23

All: -42.633+/-0.159 χ^2/NDF: 32037.1/46

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: -0.349+/-0.176 χ^2/NDF:8643.9/23

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

Left: -0.238+/-0.125 χ^2/NDF: 15569.7/46

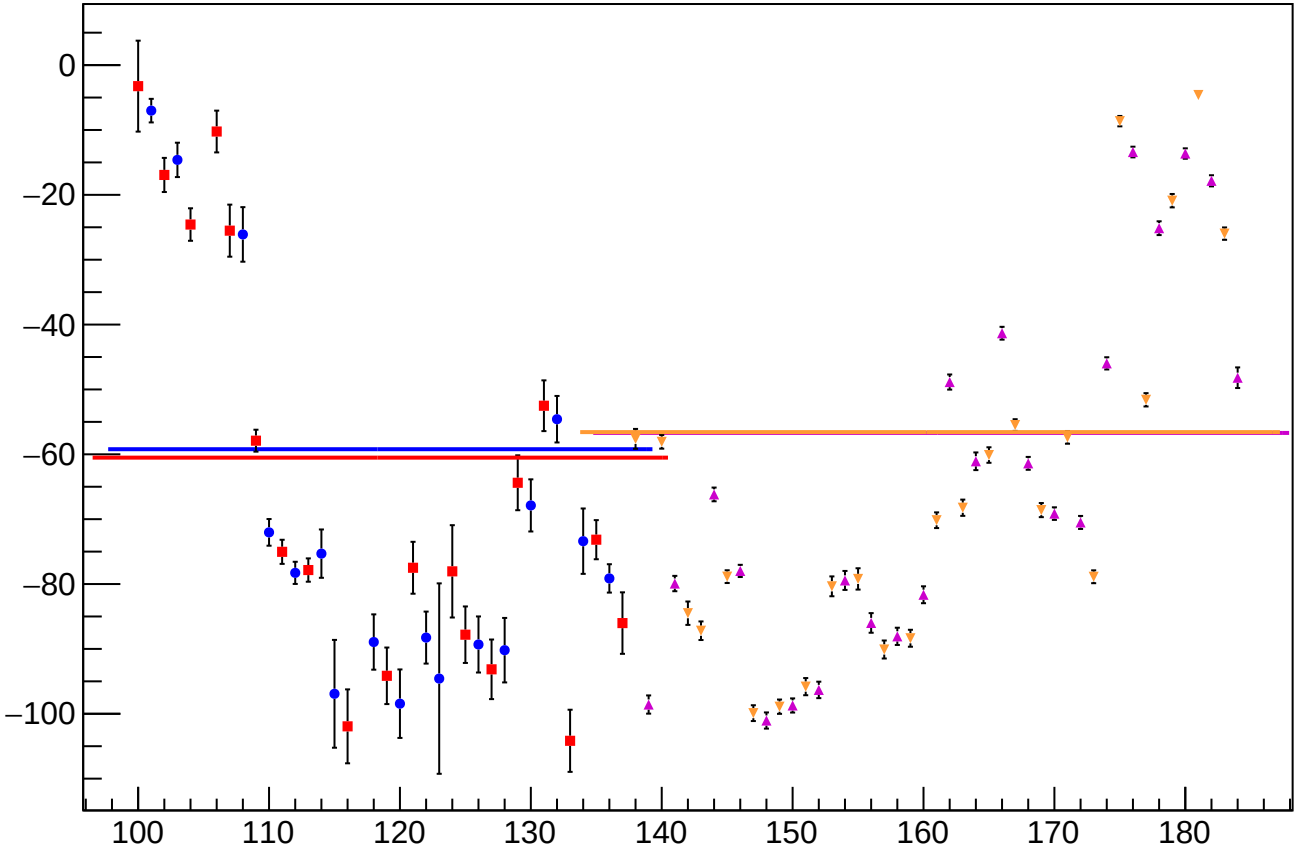
Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -1.268+/-0.165 χ^2/NDF:8183.3/39

Out: -1.150+/-0.163 χ^2/NDF:10080.6/42

All: -1.208+/-0.116 χ^2/NDF: 18264.2/82

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: -56.577+/-0.226 χ^2/NDF:18007.7/23

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

Left: -56.641+/-0.160 χ^2/NDF: 34555.4/46

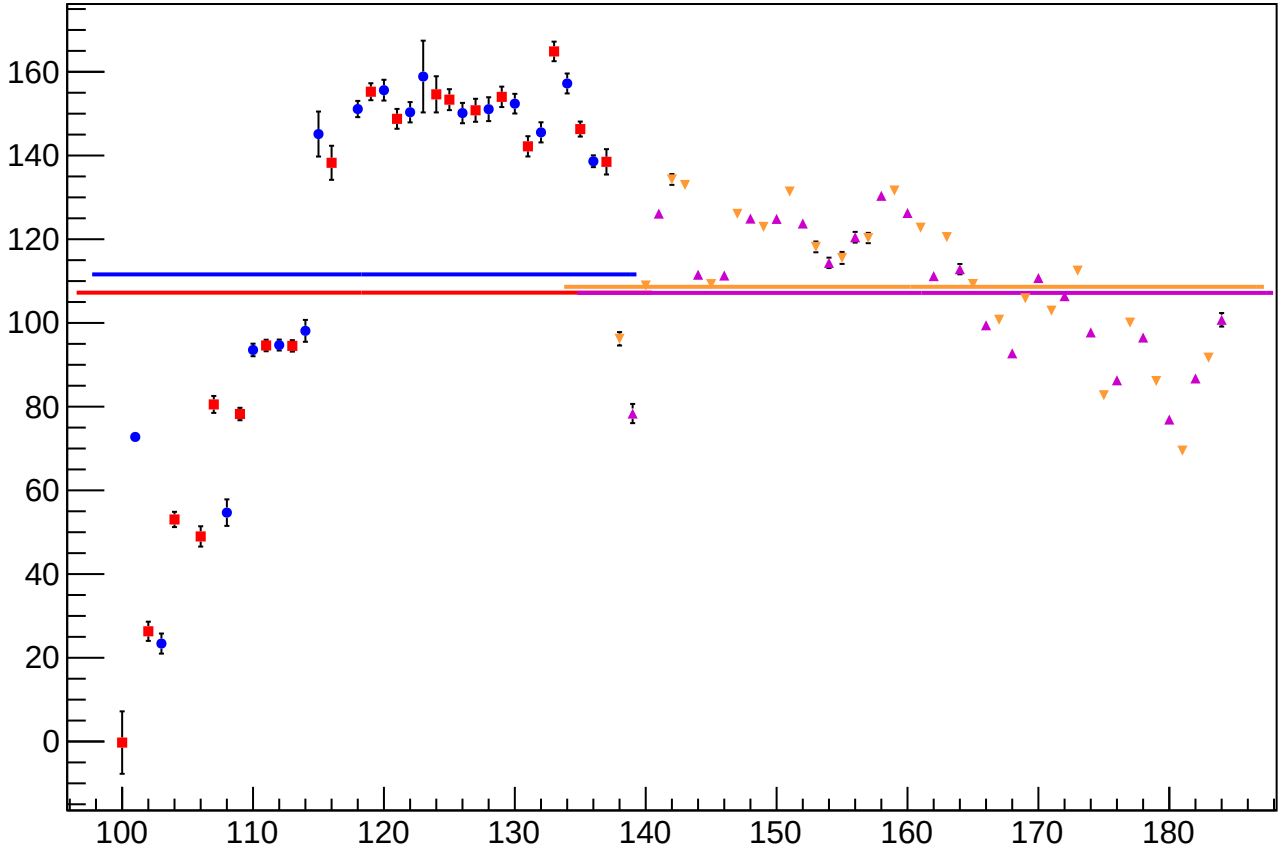
Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -56.917+/-0.216 χ^2/NDF:18278.4/39

Out: -56.944+/-0.215 χ^2/NDF:19419.9/42

All: -56.931+/-0.152 χ^2/NDF: 37698.3/82

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: 108.635+/-0.200 χ^2/NDF:7289.3/23

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

Left: 107.915+/-0.142 χ^2/NDF: 12907.9/46

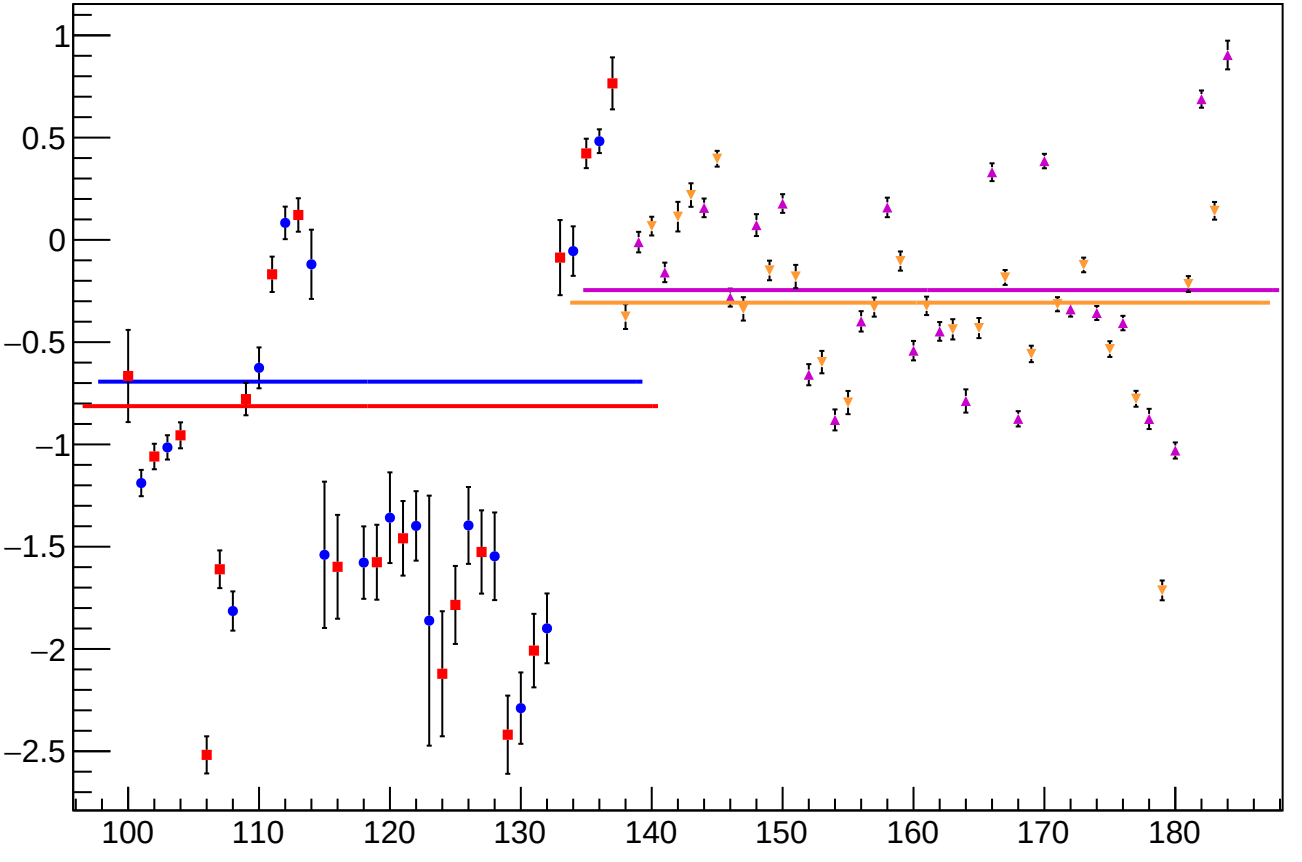
Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 107.828+/-0.186 χ^2/NDF:11622.2/39

Out: 108.434+/-0.185 χ^2/NDF:14333.7/42

All: 108.134+/-0.131 χ^2/NDF: 25961.3/82

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: -0.307+/-0.009 χ^2/NDF:1884.5/23

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

Left: -0.276+/-0.007 χ^2/NDF: 4710.9/46

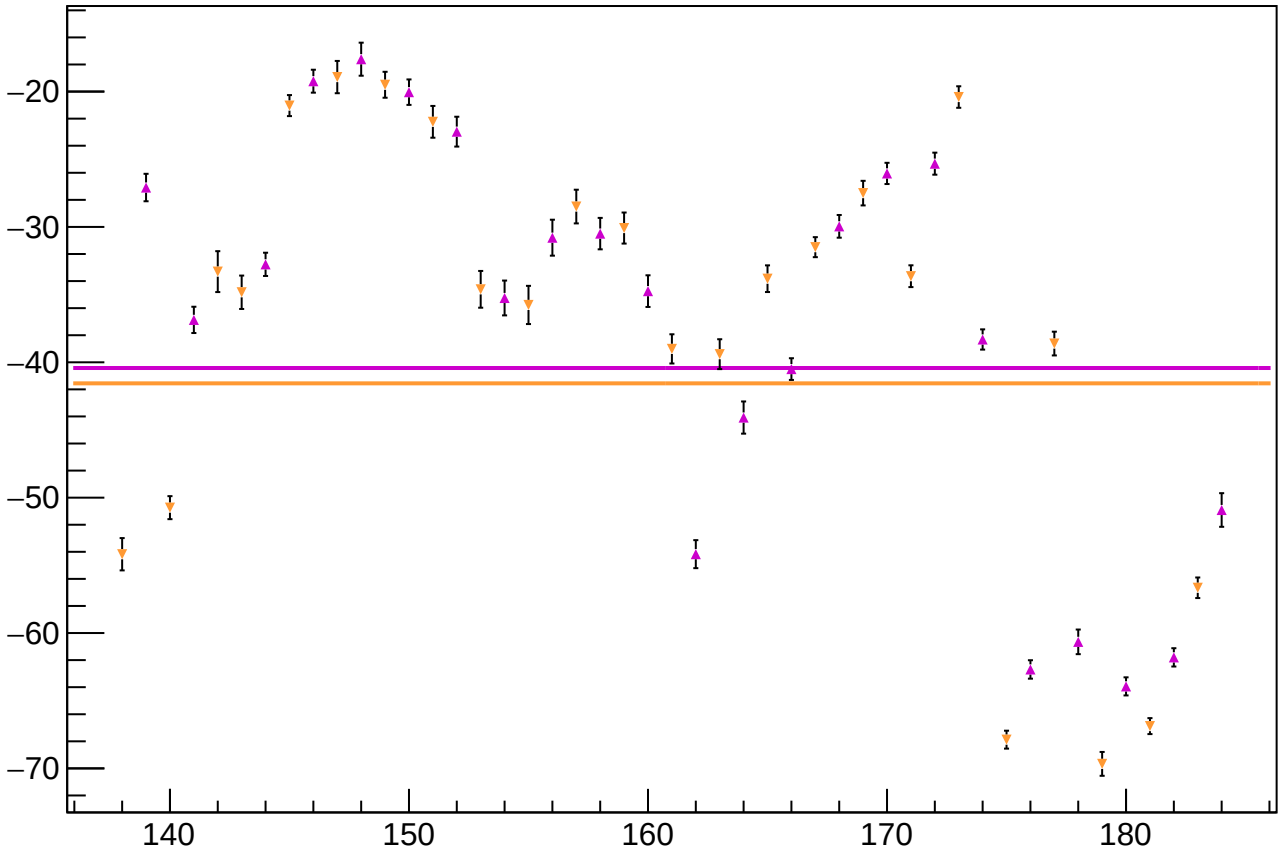
Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.296+/-0.009 χ^2/NDF:4064.7/39

Out: -0.370+/-0.009 χ^2/NDF:3573.2/42

All: -0.334+/-0.006 χ^2/NDF: 7674.6/82

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.555+/-0.188 χ^2/NDF:8544.2/23

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

Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

Left: -40.990+/-0.133 χ^2/NDF: 15592.4/46

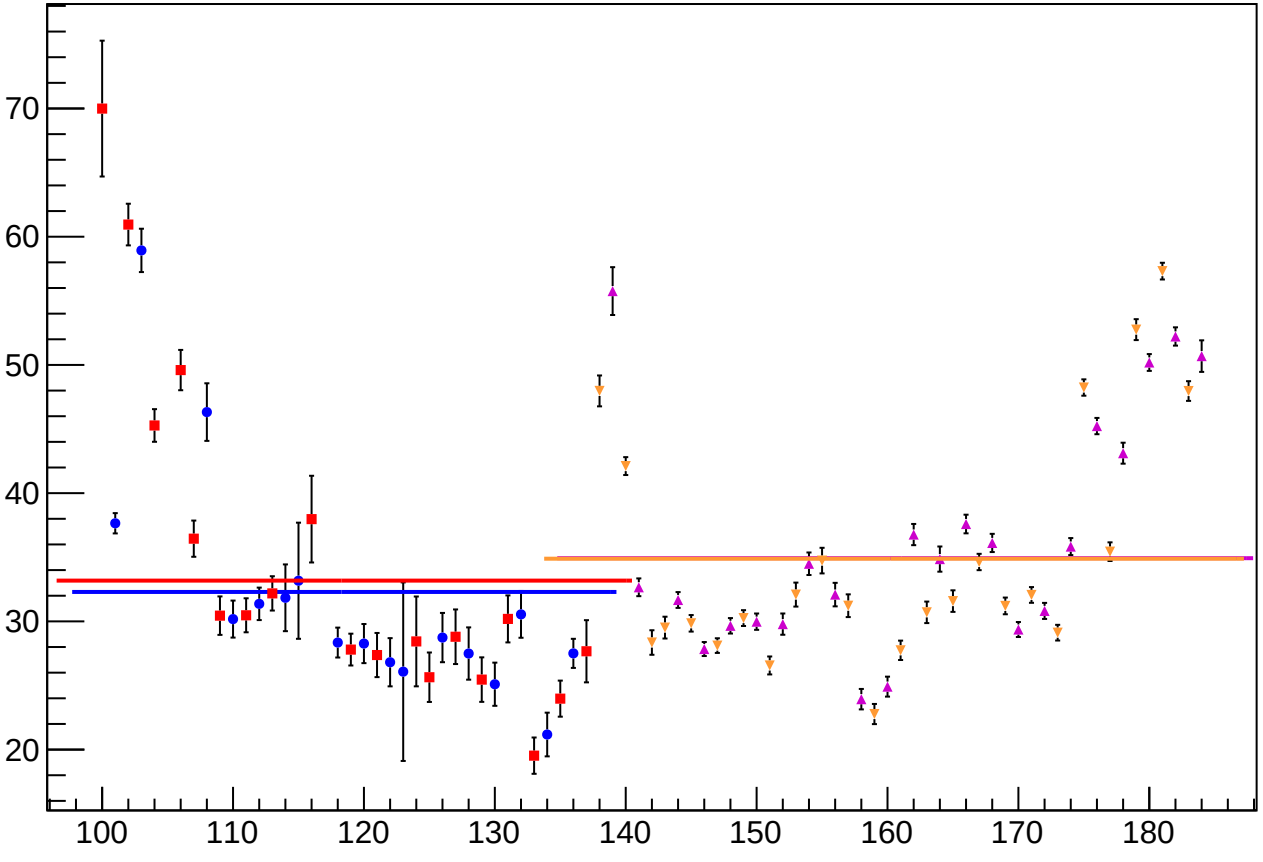
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -40.422+/-0.189 χ^2/NDF:7030.2/22

Out: -41.555+/-0.188 χ^2/NDF:8544.2/23

All: -40.990+/-0.133 χ^2/NDF: 15592.4/46

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: 34.888+/-0.149 χ^2/NDF:3638.5/23

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

Left: 34.908+/-0.106 χ^2/NDF: 6326.9/46

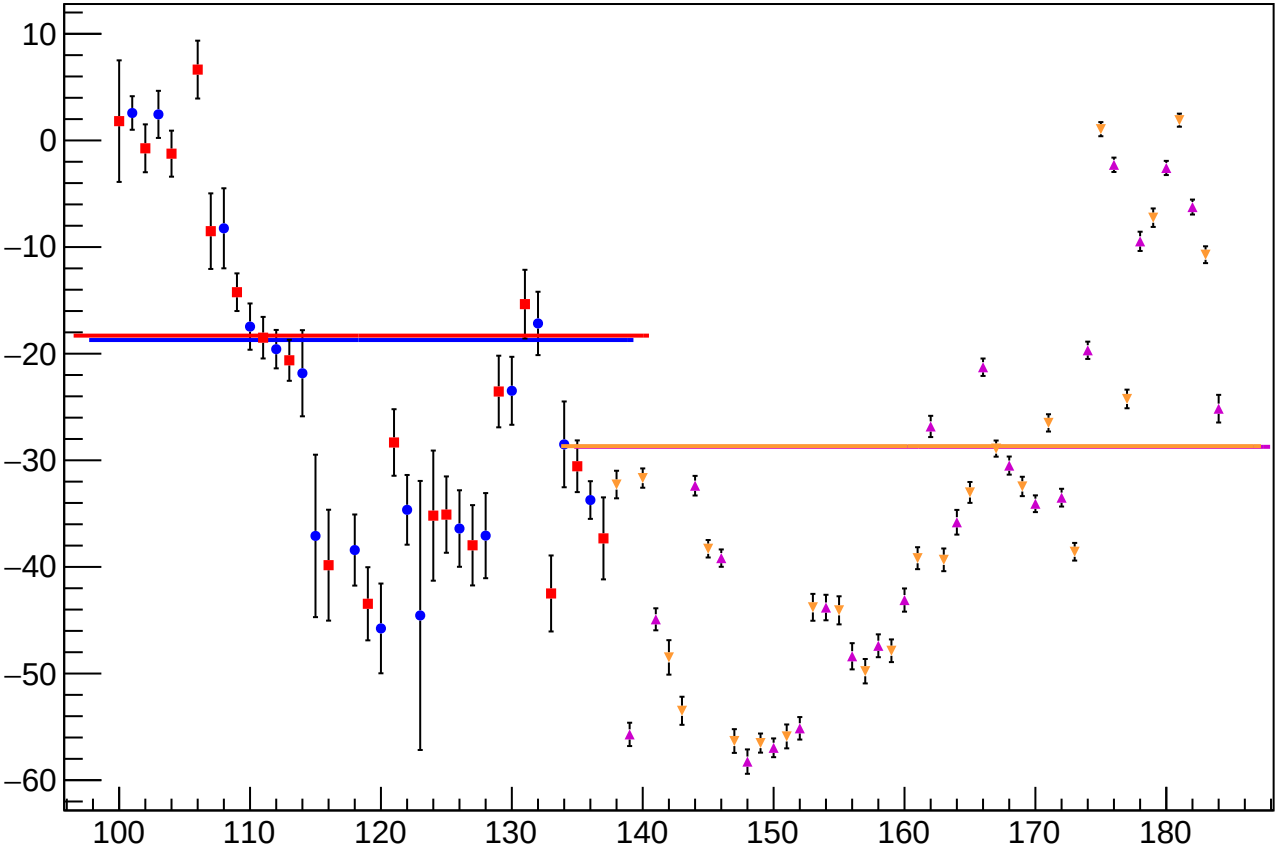
Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 34.556+/-0.140 χ^2/NDF:3183.5/39

Out: 34.660+/-0.139 χ^2/NDF:4426.4/42

All: 34.608+/-0.099 χ^2/NDF: 7610.1/82

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: -28.673+/-0.189 χ^2/NDF:9823.0/23

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

Left: -28.704+/-0.134 χ^2/NDF: 18978.5/46

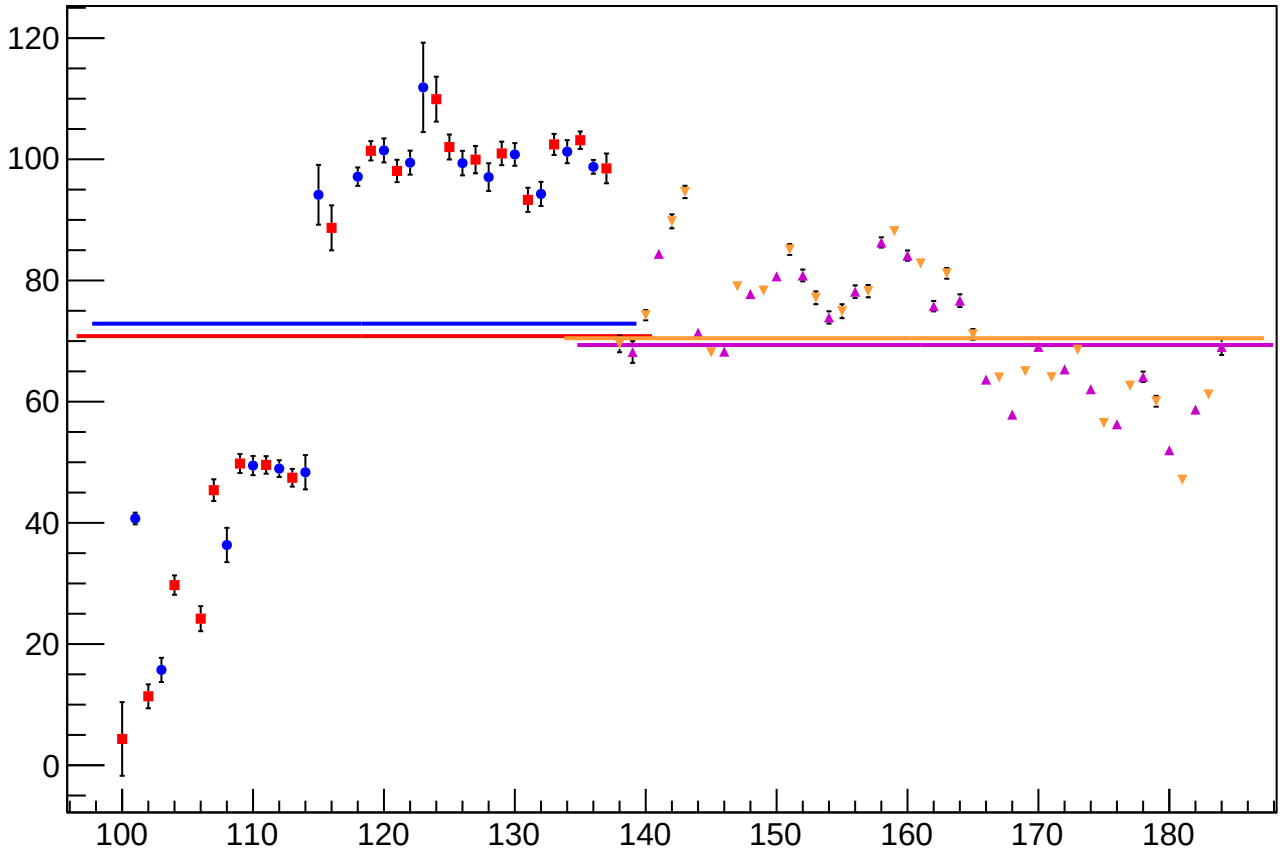
Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -27.988+/-0.182 χ^2/NDF:9884.7/39

Out: -27.848+/-0.181 χ^2/NDF:10534.4/42

All: -27.918+/-0.128 χ^2/NDF: 20419.5/82

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: 70.472+/-0.168 χ^2/NDF:4483.7/23

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

Left: 69.916+/-0.119 χ^2/NDF: 7836.5/46

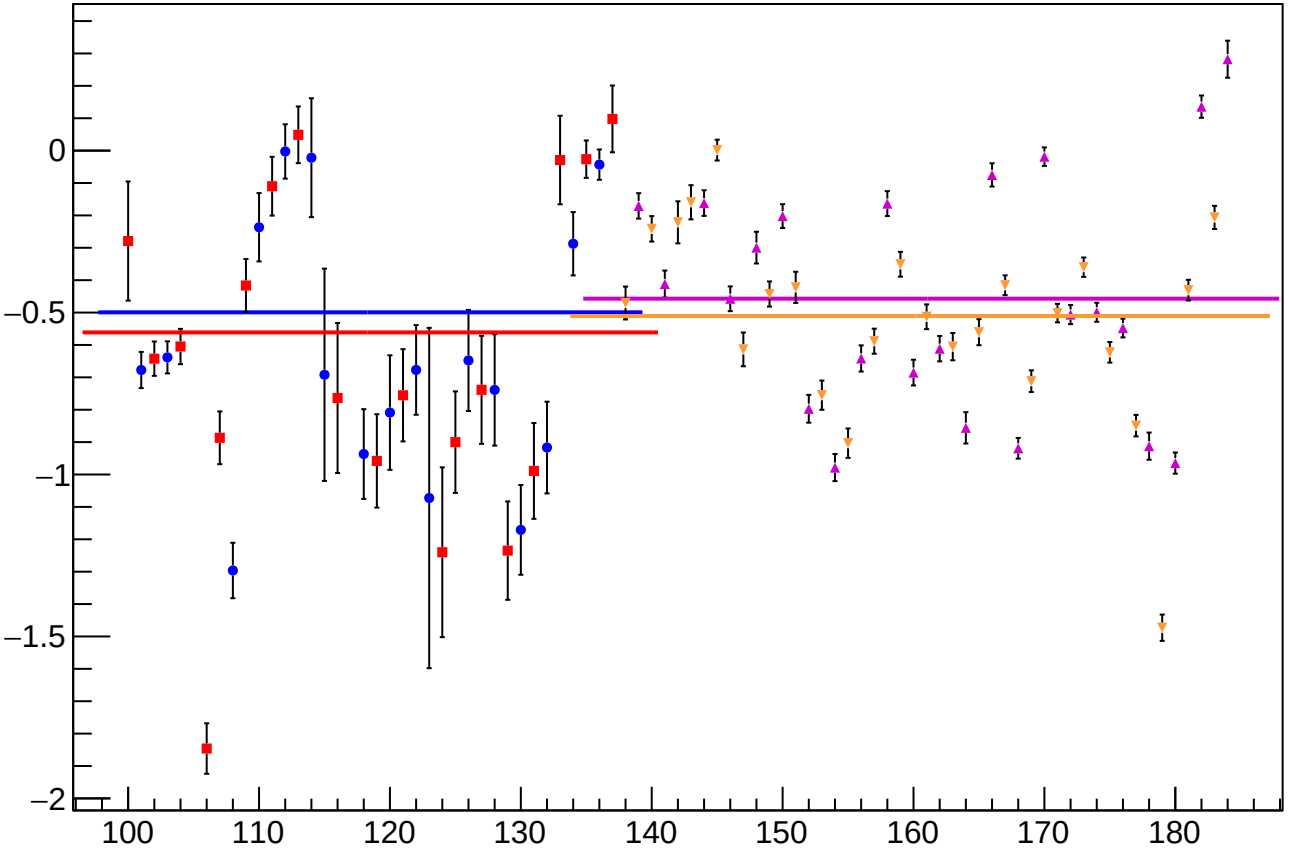
Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 69.833+/-0.158 χ^2/NDF:8127.8/39

Out: 70.517+/-0.157 χ^2/NDF:9973.6/42

All: 70.177+/-0.111 χ^2/NDF: 18110.8/82

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: -0.511+/-0.008 χ^2/NDF:1335.5/23

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

Left: -0.484+/-0.005 χ^2/NDF: 3334.9/46

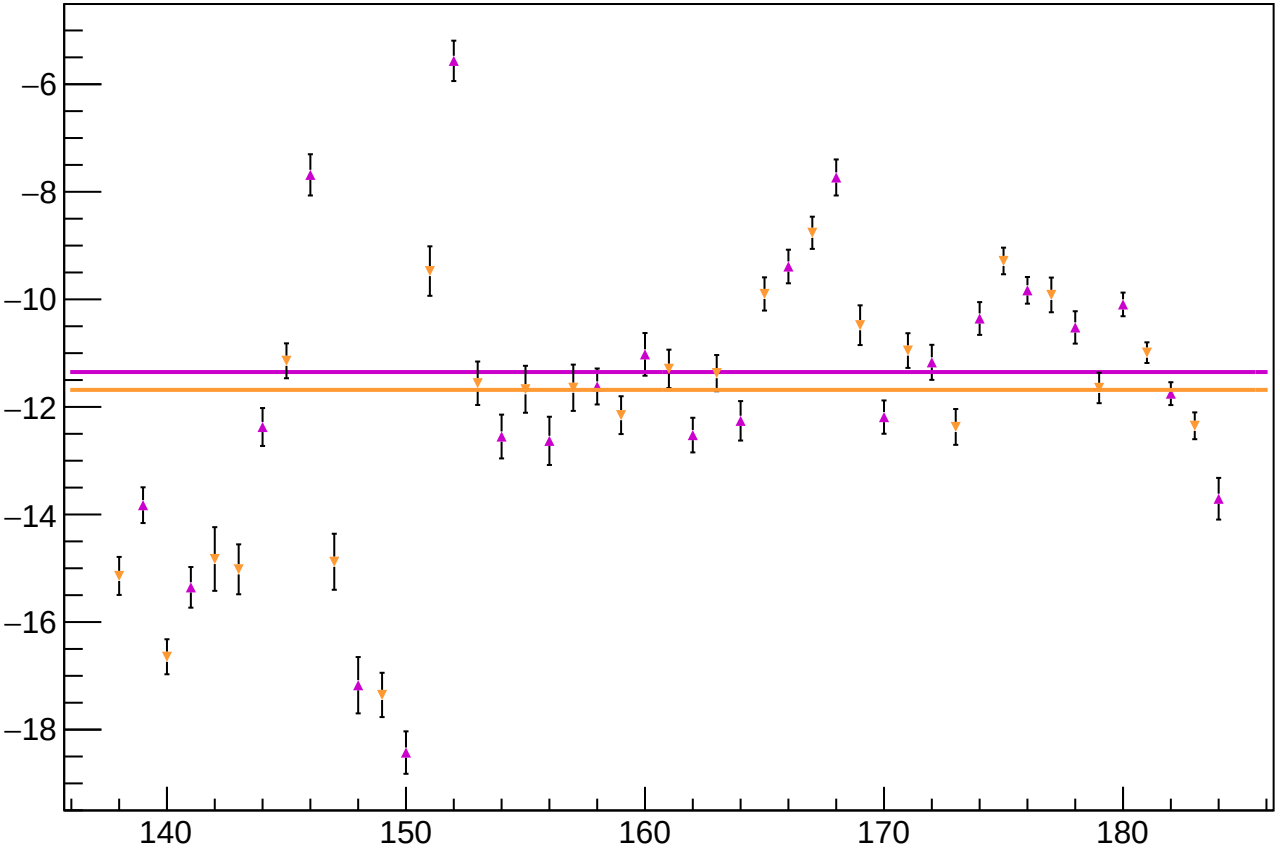
Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.462+/-0.007 χ^2/NDF:2281.9/39

Out: -0.516+/-0.007 χ^2/NDF:1902.9/42

All: -0.489+/-0.005 χ^2/NDF: 4213.3/82

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -11.683+/-0.067 χ^2/NDF:957.8/23

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

Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

Left: -11.518+/-0.048 χ^2/NDF: 2250.5/46

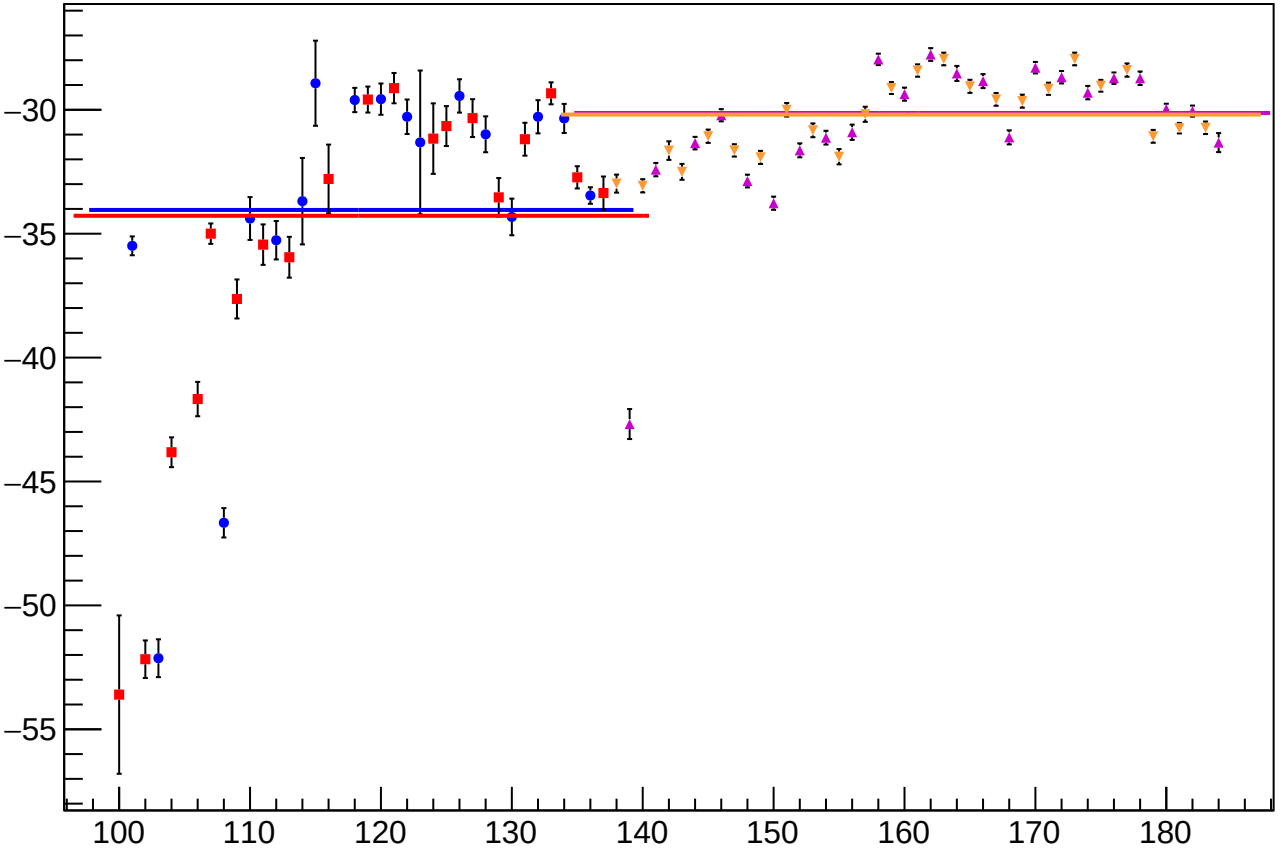
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.352+/-0.068 χ^2/NDF:1280.6/22

Out: -11.683+/-0.067 χ^2/NDF:957.8/23

All: -11.518+/-0.048 χ^2/NDF: 2250.5/46

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.042+/-0.151 χ^2/NDF: 1340.8/16

Left Out: -30.192+/-0.054 χ^2/NDF:724.2/23

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

Left: -30.161+/-0.039 χ^2/NDF: 2015.3/46

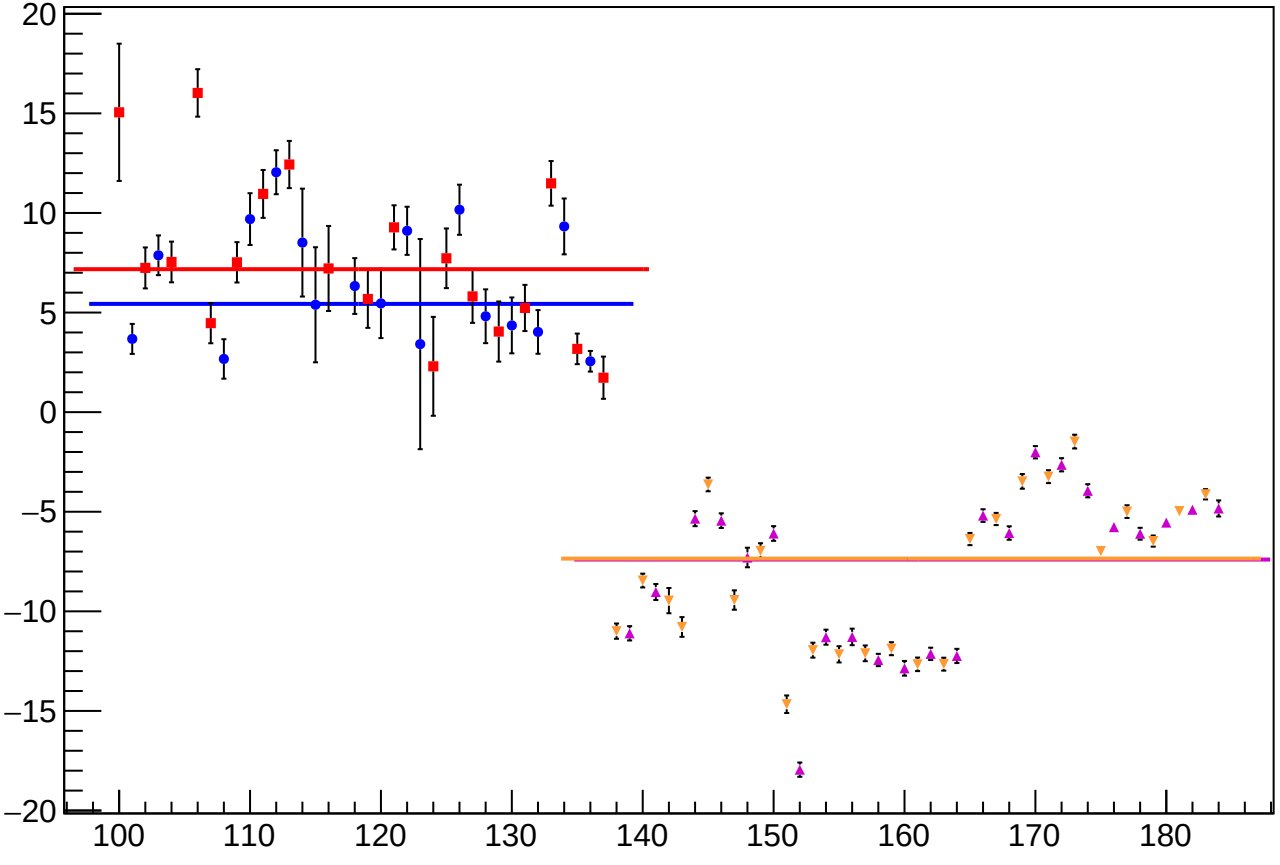
Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -30.593+/-0.052 χ^2/NDF:3225.6/39

Out: -30.663+/-0.051 χ^2/NDF:2722.5/42

All: -30.629+/-0.036 χ^2/NDF: 5949.0/82

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: -7.352+/-0.068 χ^2/NDF:2682.9/23

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

Left: -7.376+/-0.048 χ^2/NDF: 5818.0/46

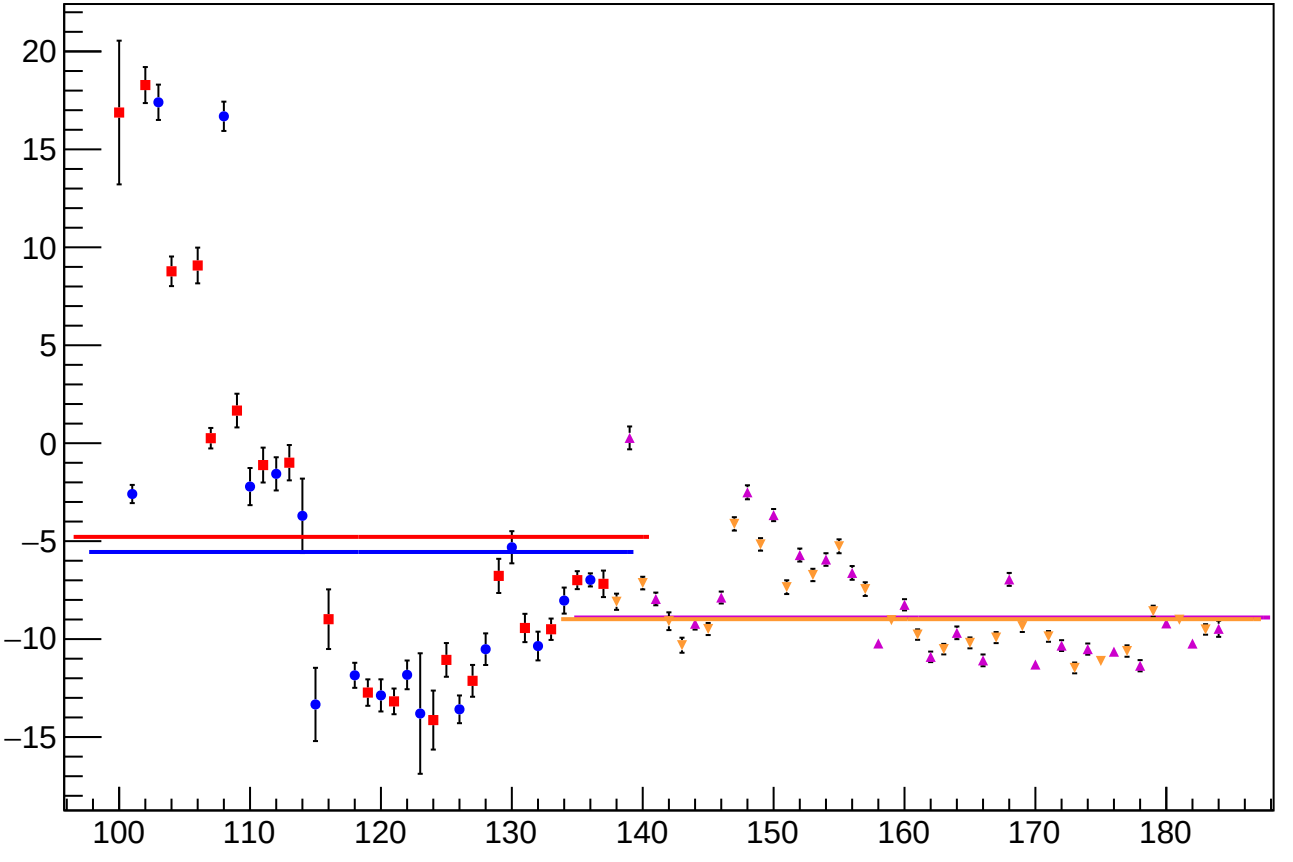
Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -6.641+/-0.066 χ^2/NDF:5399.9/39

Out: -6.519+/-0.066 χ^2/NDF:5512.9/42

All: -6.580+/-0.046 χ^2/NDF: 10914.5/82

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553+/-0.170 χ^2/NDF: 2125.3/16

Left Out: -8.983+/-0.061 χ^2/NDF:871.9/23

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

Left: -8.941+/-0.043 χ^2/NDF: 2456.9/46

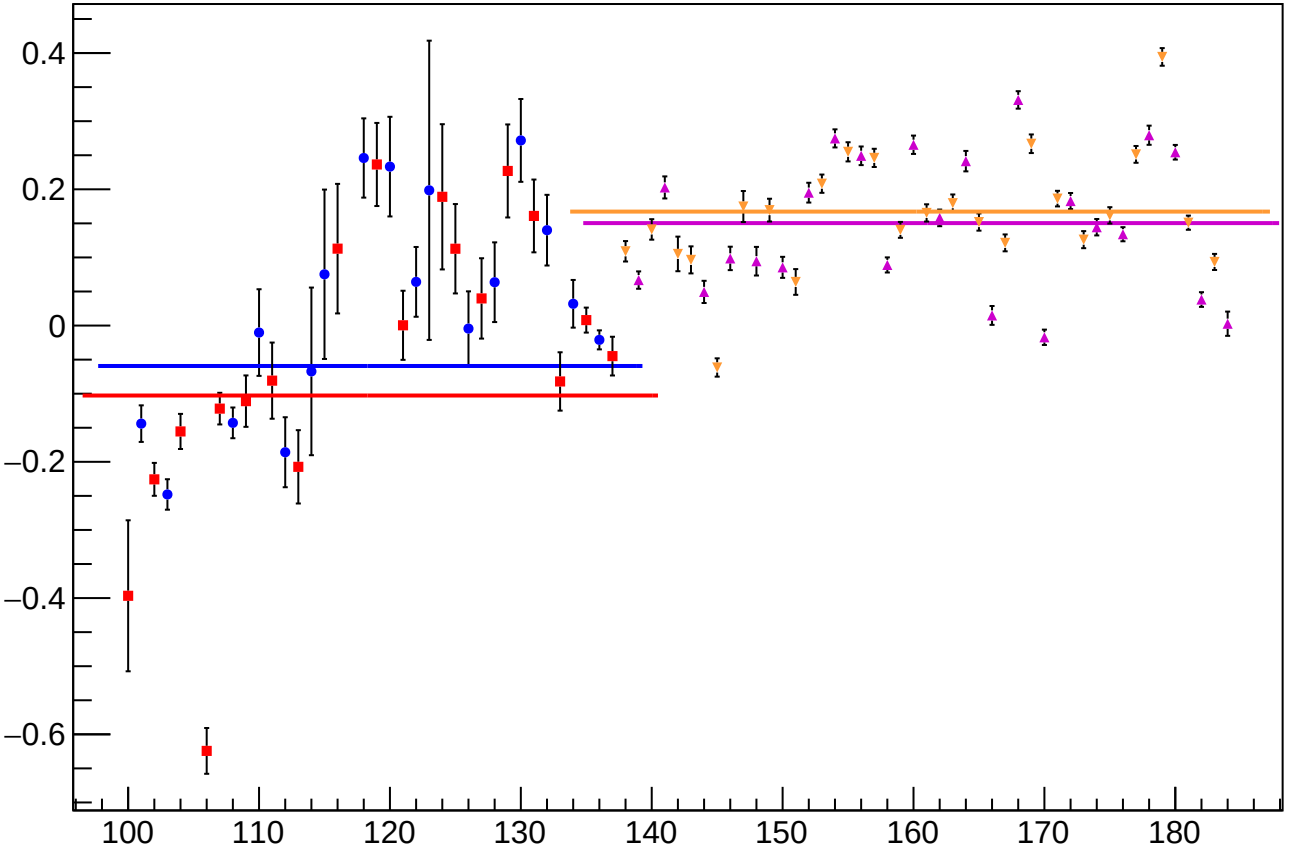
Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -8.510+/-0.058 χ^2/NDF:4052.0/39

Out: -8.520+/-0.057 χ^2/NDF:3438.1/42

All: -8.515+/-0.041 χ^2/NDF: 7490.1/82

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: 0.167+/-0.003 χ^2/NDF:923.4/23

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

Left: 0.159+/-0.002 χ^2/NDF: 2238.6/46

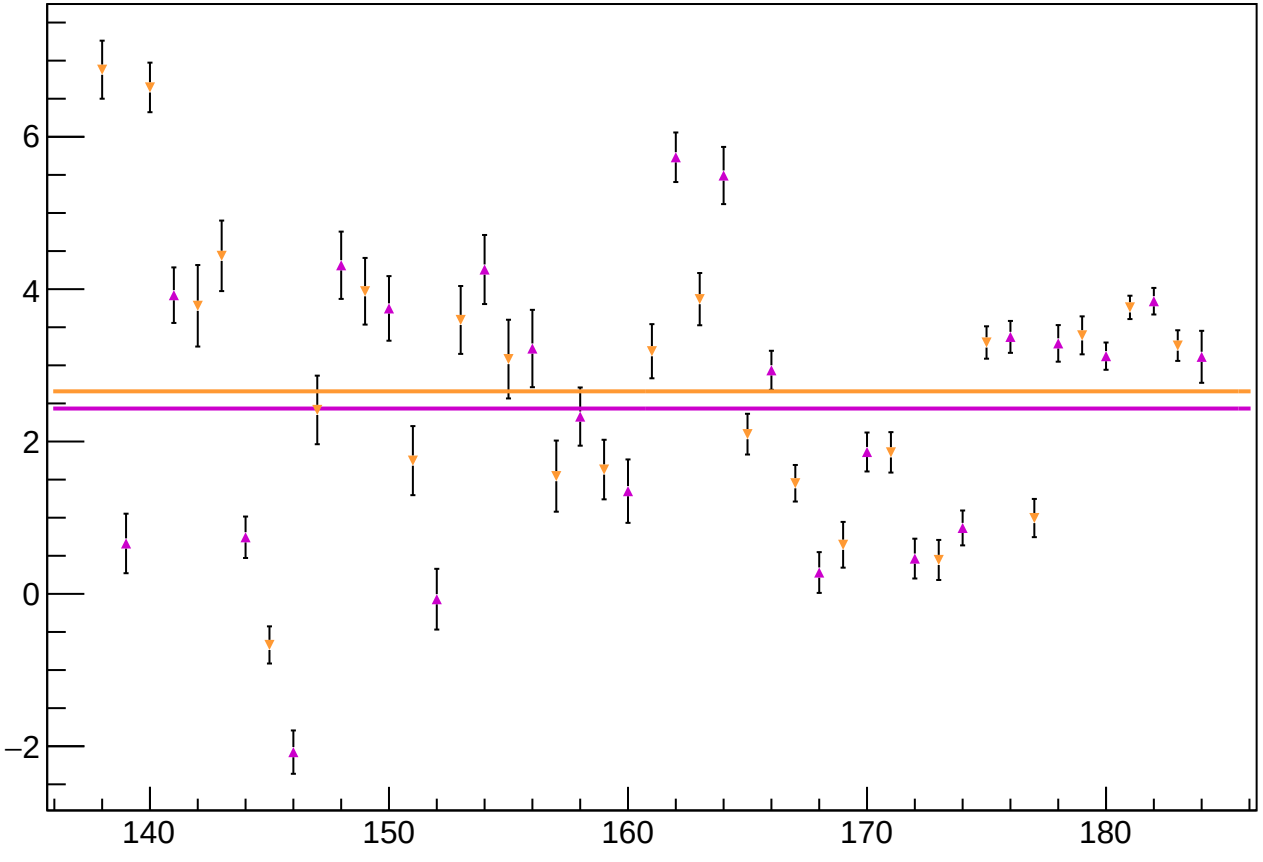
Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.130+/-0.003 χ^2/NDF:2078.4/39

Out: 0.141+/-0.003 χ^2/NDF:2286.8/42

All: 0.135+/-0.002 χ^2/NDF: 4373.9/82

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 2.659+/-0.059 χ^2/NDF:801.4/23

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

Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

Left: 2.546+/-0.042 χ^2/NDF: 1691.6/46

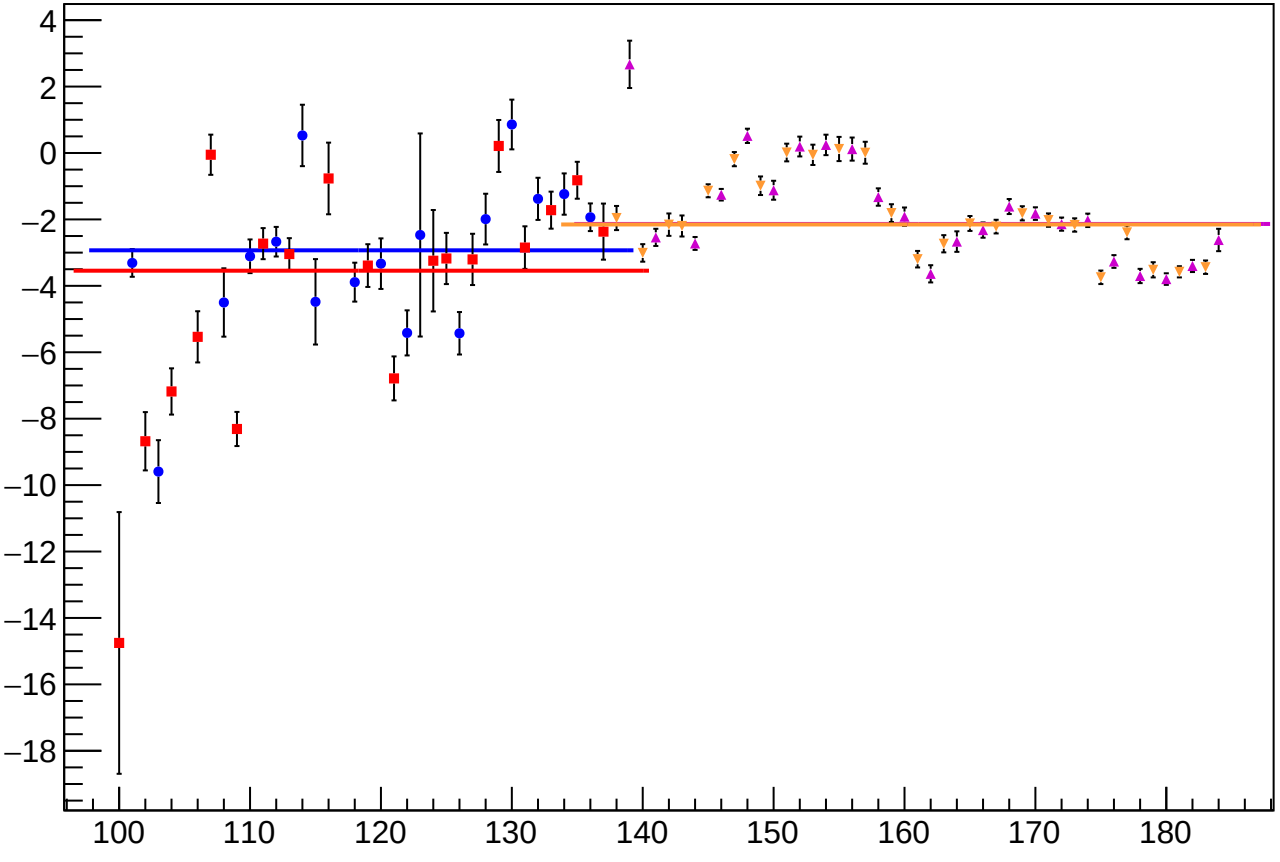
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.433+/-0.059 χ^2/NDF:882.9/22

Out: 2.659+/-0.059 χ^2/NDF:801.4/23

All: 2.546+/-0.042 χ^2/NDF: 1691.6/46

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: -2.152+/-0.048 χ^2/NDF:571.5/23

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

Left: -2.144+/-0.034 χ^2/NDF: 1265.2/46

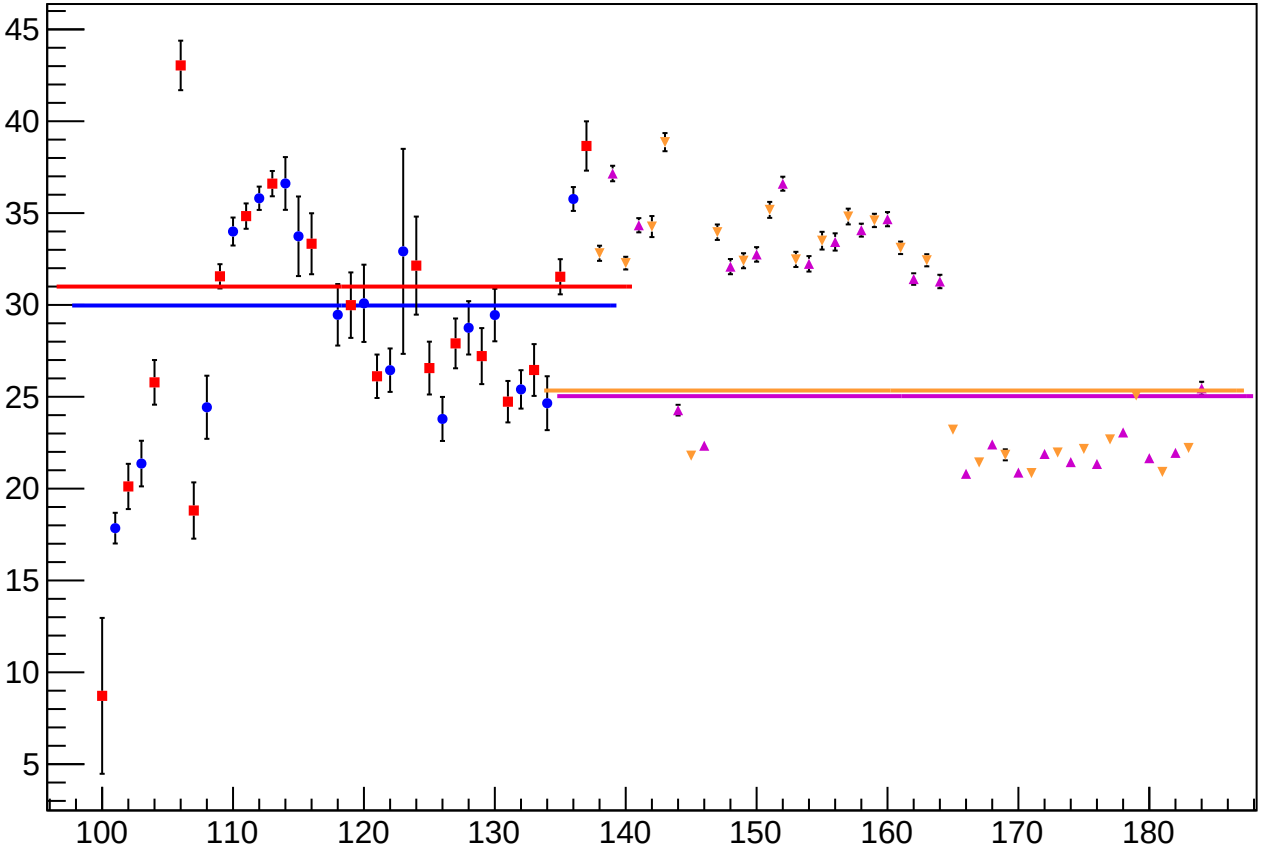
Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -2.208+/-0.046 χ^2/NDF:864.3/39

Out: -2.276+/-0.046 χ^2/NDF:937.0/42

All: -2.242+/-0.033 χ^2/NDF: 1802.4/82

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: 25.341+/-0.060 χ^2/NDF:8066.2/23

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

Left: 25.186+/-0.042 χ^2/NDF: 15769.4/46

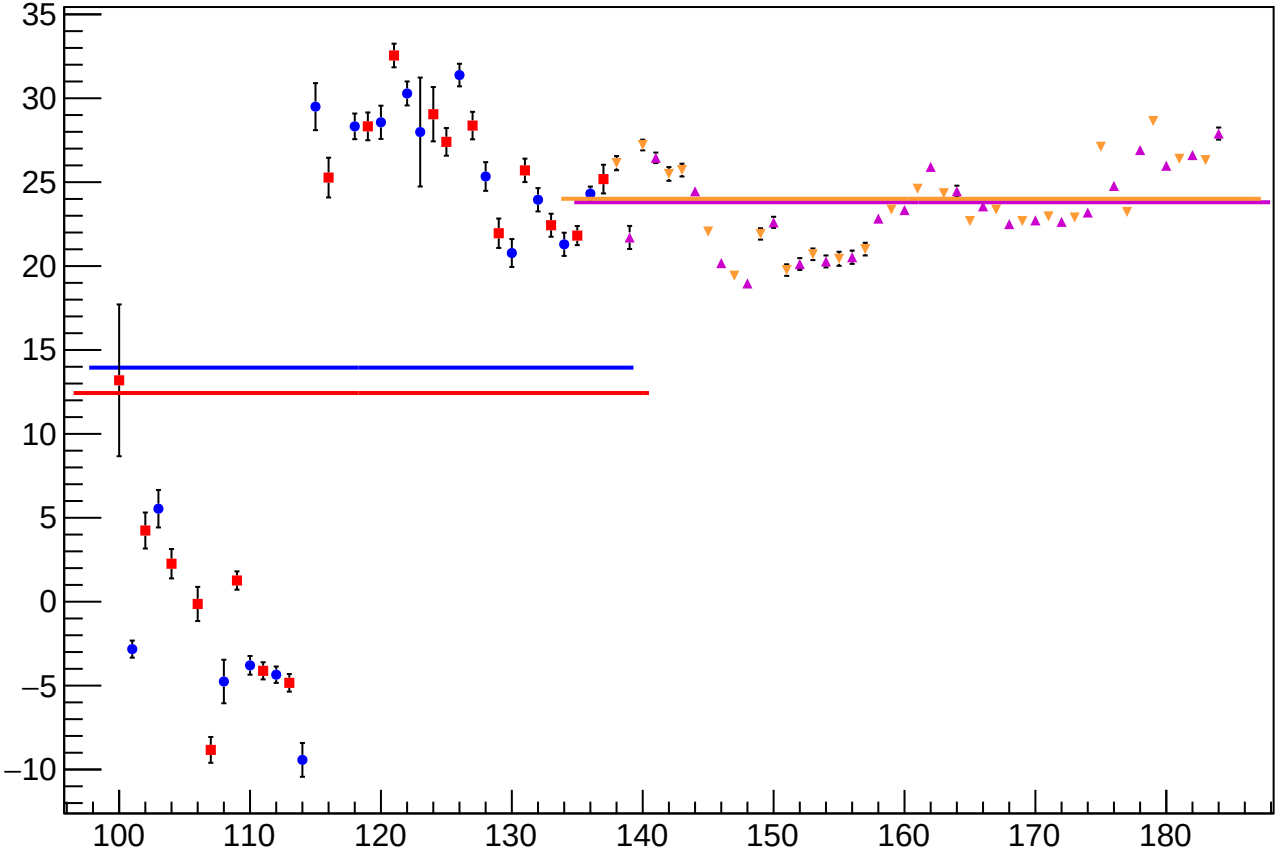
Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 25.267+/-0.058 χ^2/NDF:8570.5/39

Out: 25.624+/-0.058 χ^2/NDF:8995.8/42

All: 25.445+/-0.041 χ^2/NDF: 17585.2/82

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: 24.010+/-0.054 χ^2/NDF:1874.3/23

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

Left: 23.907+/-0.038 χ^2/NDF: 3642.0/46

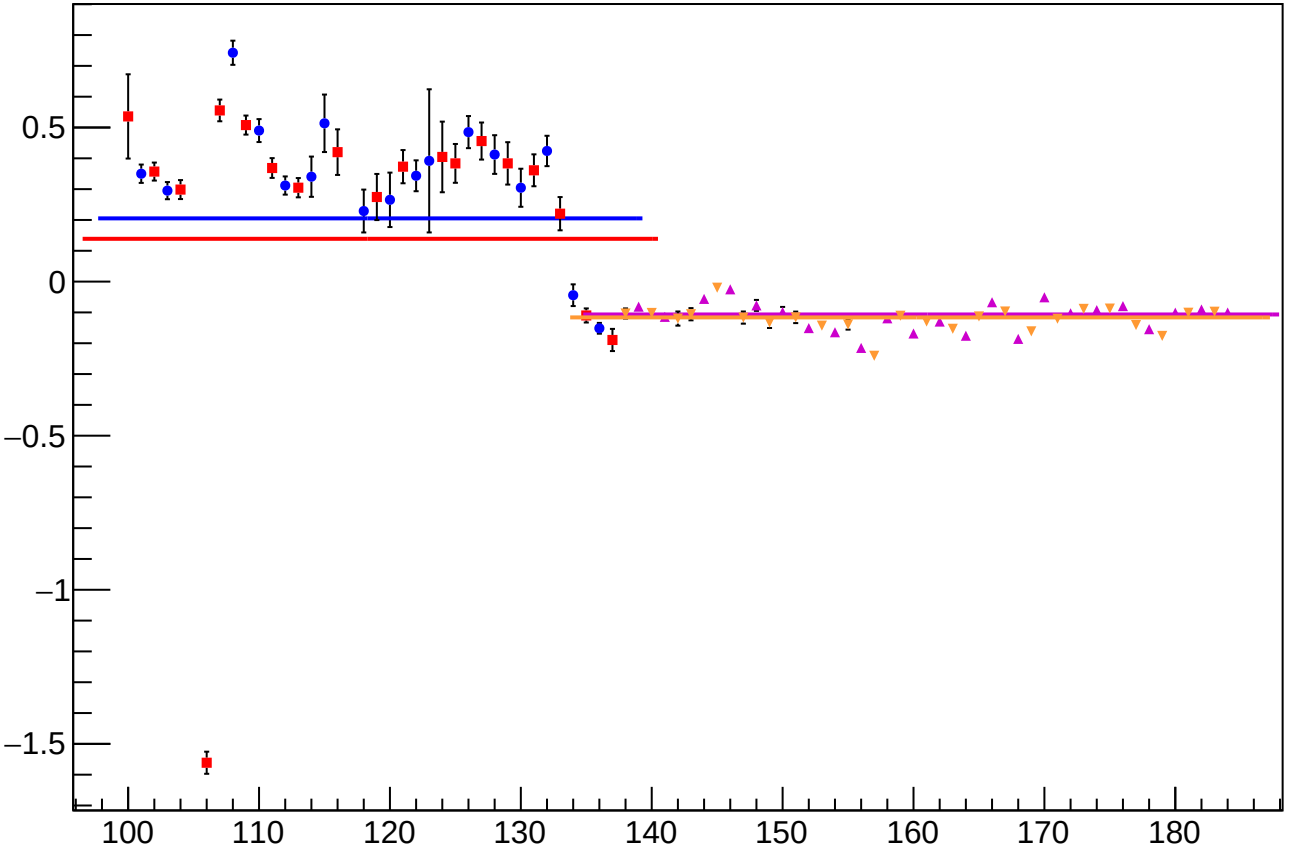
Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 22.923+/-0.051 χ^2/NDF:12143.7/39

Out: 22.992+/-0.052 χ^2/NDF:12888.6/42

All: 22.957+/-0.036 χ^2/NDF: 25033.2/82

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: -0.116+/-0.002 χ^2/NDF:258.3/23

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

Left: -0.111+/-0.002 χ^2/NDF: 587.9/46

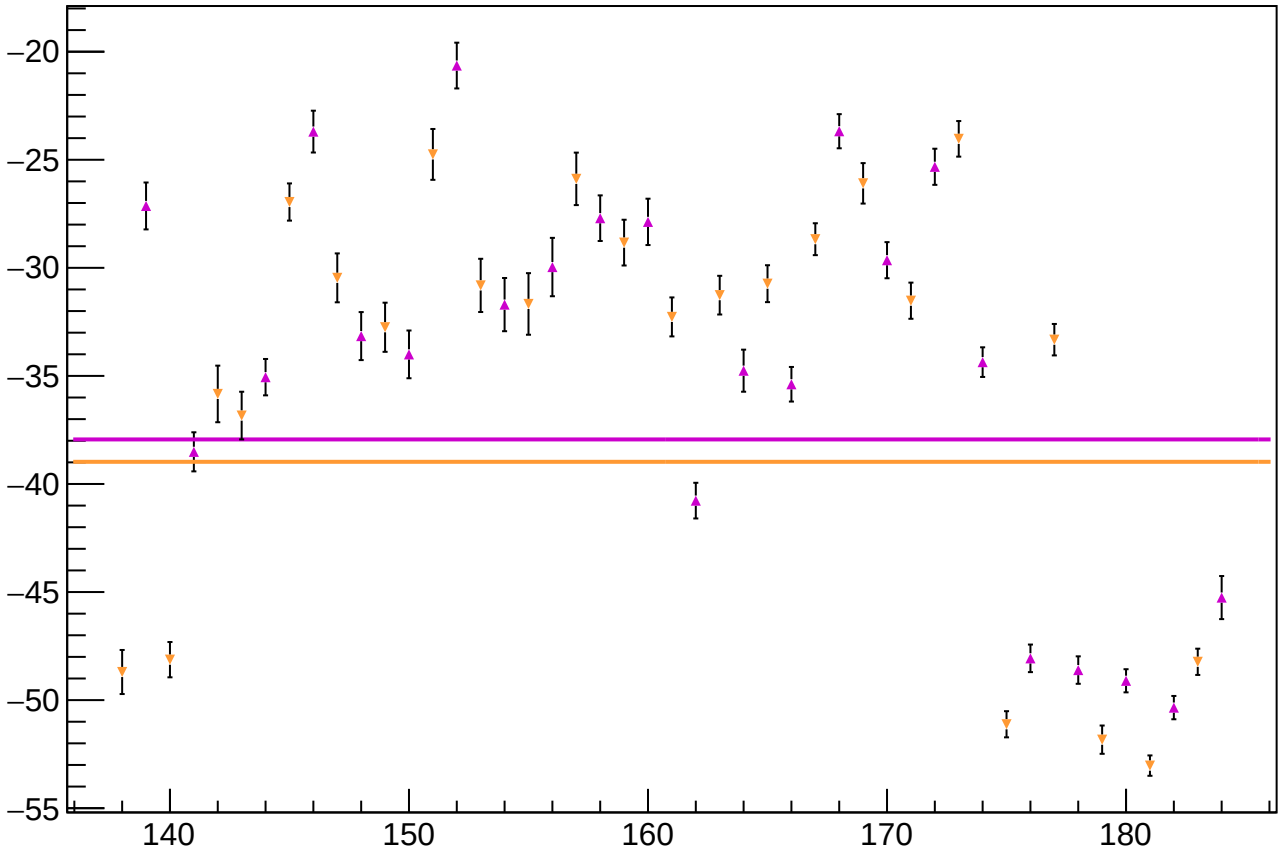
Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: -0.087+/-0.002 χ^2/NDF:2206.4/39

Out: -0.099+/-0.002 χ^2/NDF:3992.7/42

All: -0.093+/-0.002 χ^2/NDF: 6212.8/82

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -38.974+/-0.171 χ^2/NDF:3917.7/23

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

Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

Left: -38.461+/-0.122 χ^2/NDF: 7069.1/46

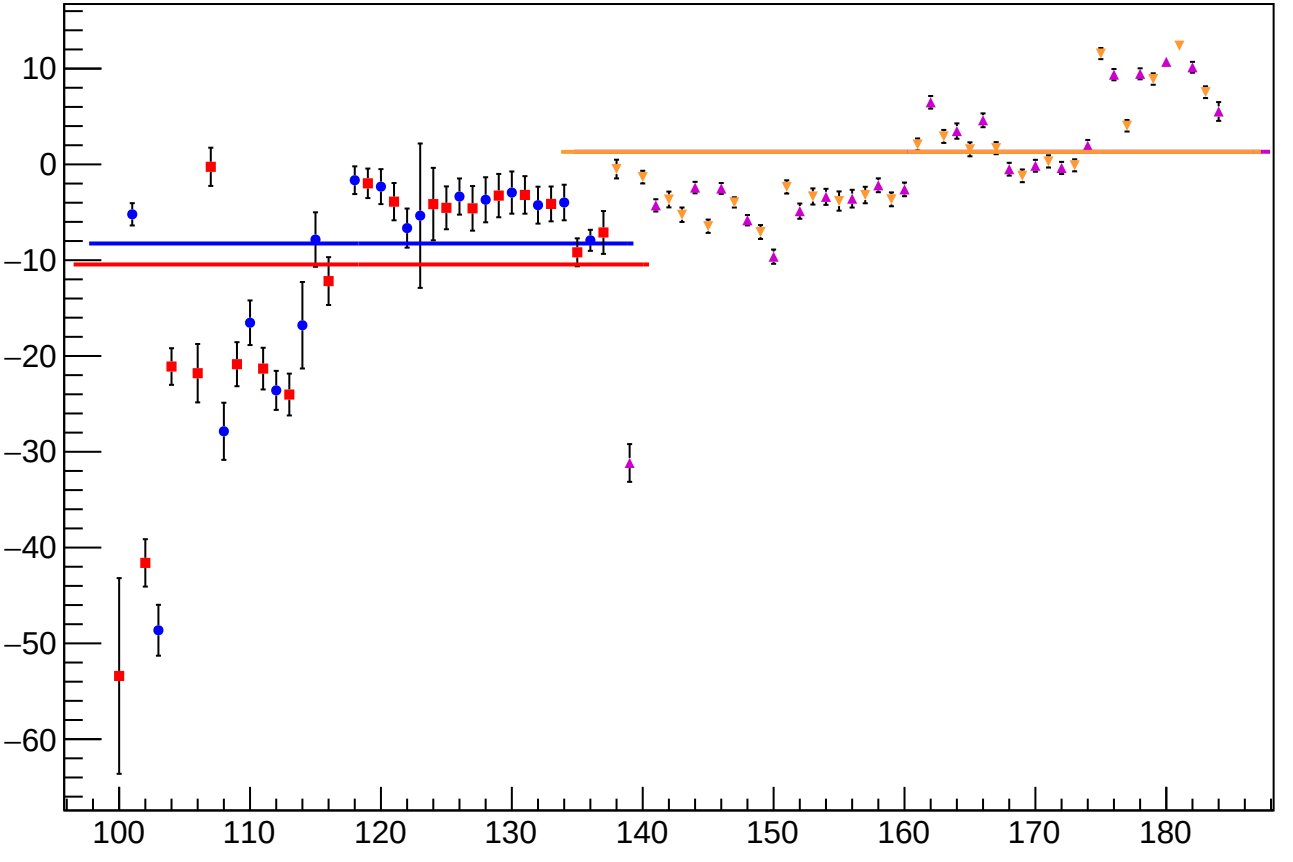
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -37.939+/-0.173 χ^2/NDF:3133.2/22

Out: -38.974+/-0.171 χ^2/NDF:3917.7/23

All: -38.461+/-0.122 χ^2/NDF: 7069.1/46

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: 1.308+/-0.138 χ^2/NDF:1723.3/23

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

Left: 1.313+/-0.098 χ^2/NDF: 3803.9/46

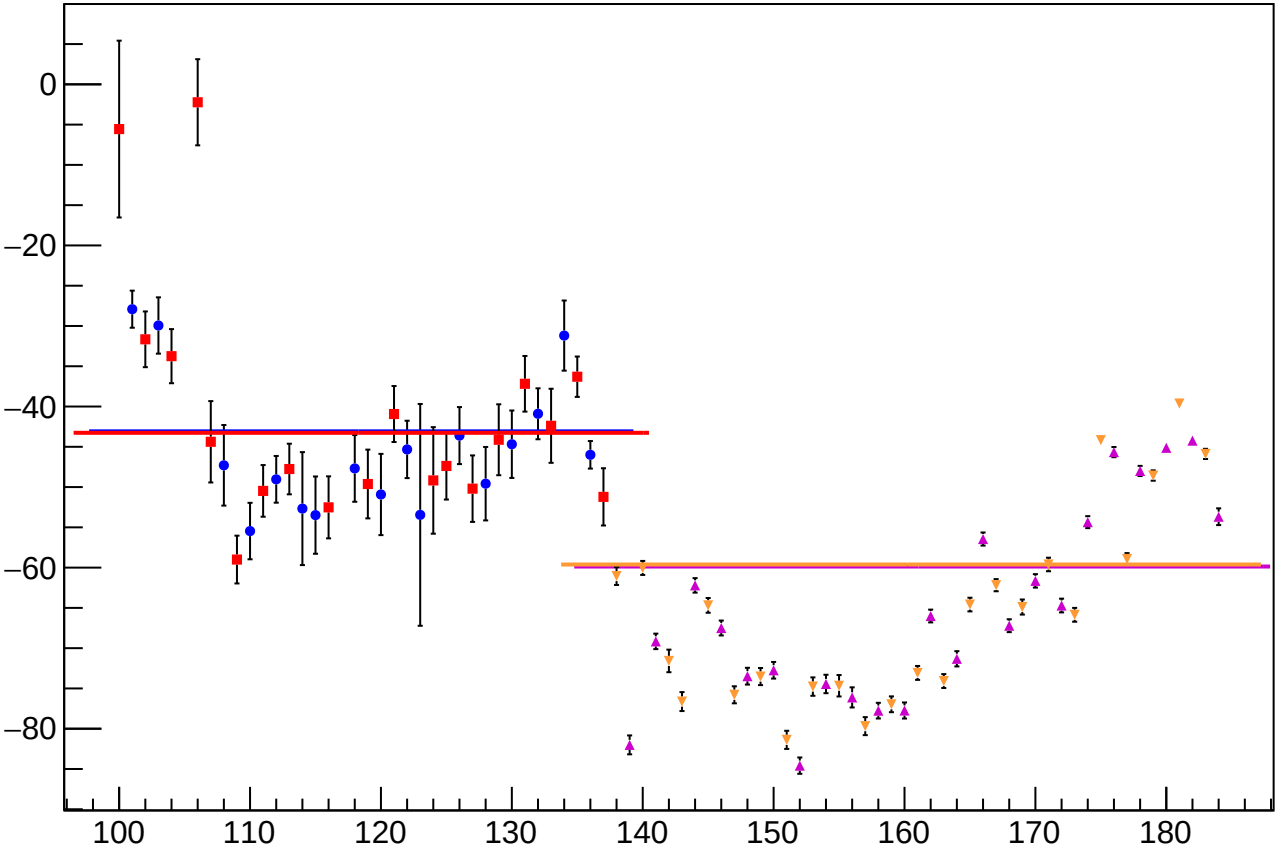
Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: 0.519+/-0.134 χ^2/NDF:2886.3/39

Out: 0.453+/-0.132 χ^2/NDF:2682.6/42

All: 0.486+/-0.094 χ^2/NDF: 5569.1/82

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: -59.614+/-0.172 χ^2/NDF:5768.9/23

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

Left: -59.739+/-0.122 χ^2/NDF: 11045.0/46

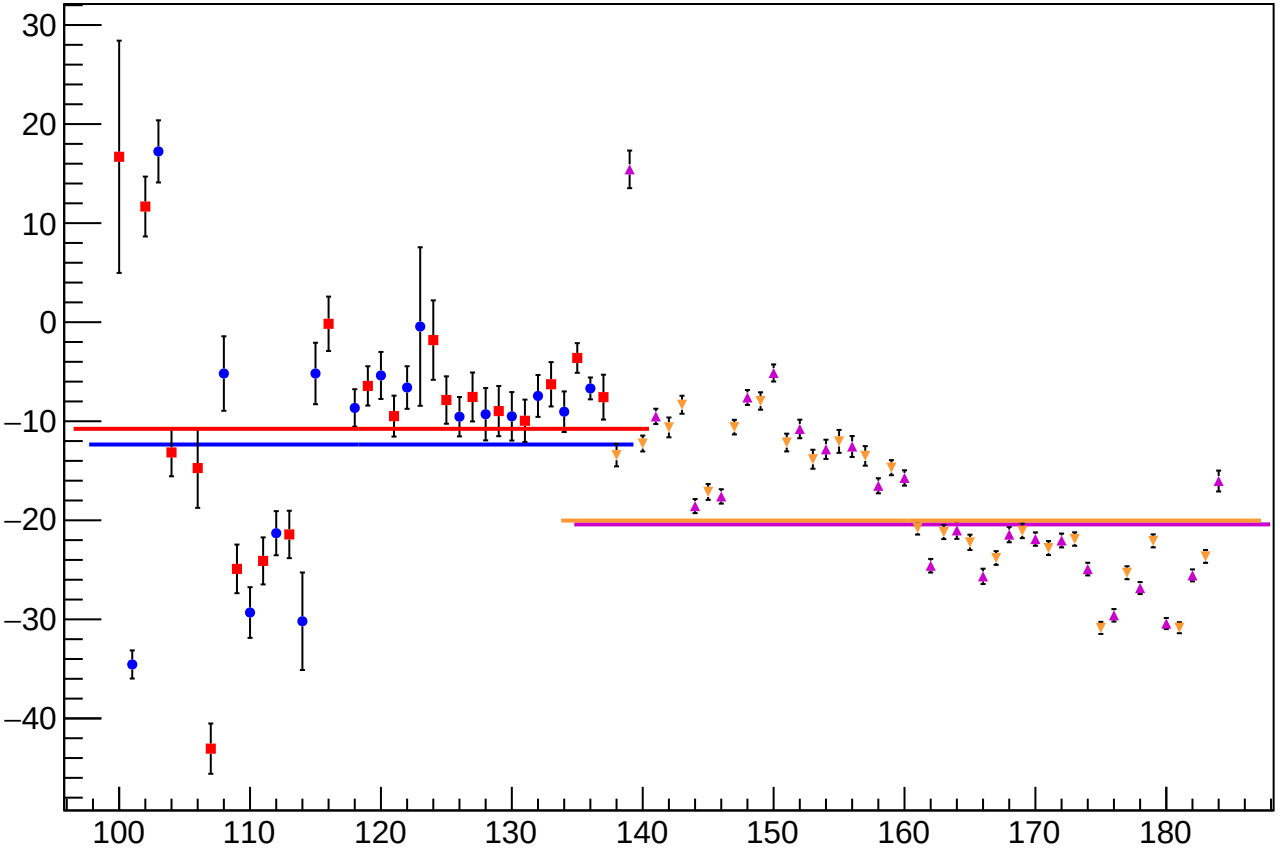
Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -59.175+/-0.169 χ^2/NDF:5762.3/39

Out: -58.993+/-0.169 χ^2/NDF:6265.7/42

All: -59.084+/-0.119 χ^2/NDF: 12028.6/82

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: -20.025+/-0.155 χ^2/NDF:1871.6/23

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

Left: -20.217+/-0.110 χ^2/NDF: 4220.1/46

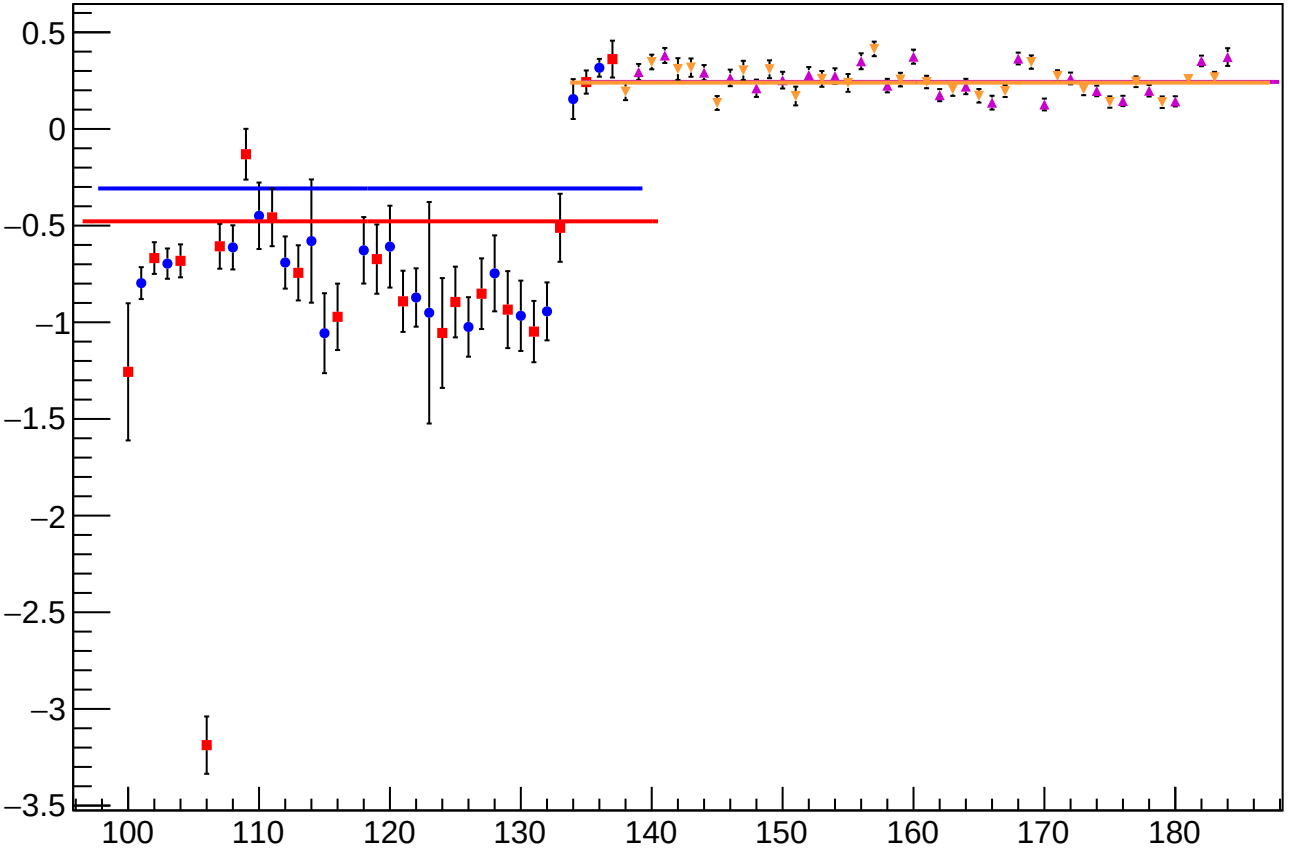
Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -19.744+/-0.150 χ^2/NDF:3042.2/39

Out: -19.355+/-0.149 χ^2/NDF:2497.8/42

All: -19.549+/-0.106 χ^2/NDF: 5543.4/82

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: 0.240+/-0.007 χ^2/NDF:93.1/23

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

Left: 0.241+/-0.005 χ^2/NDF: 232.5/46

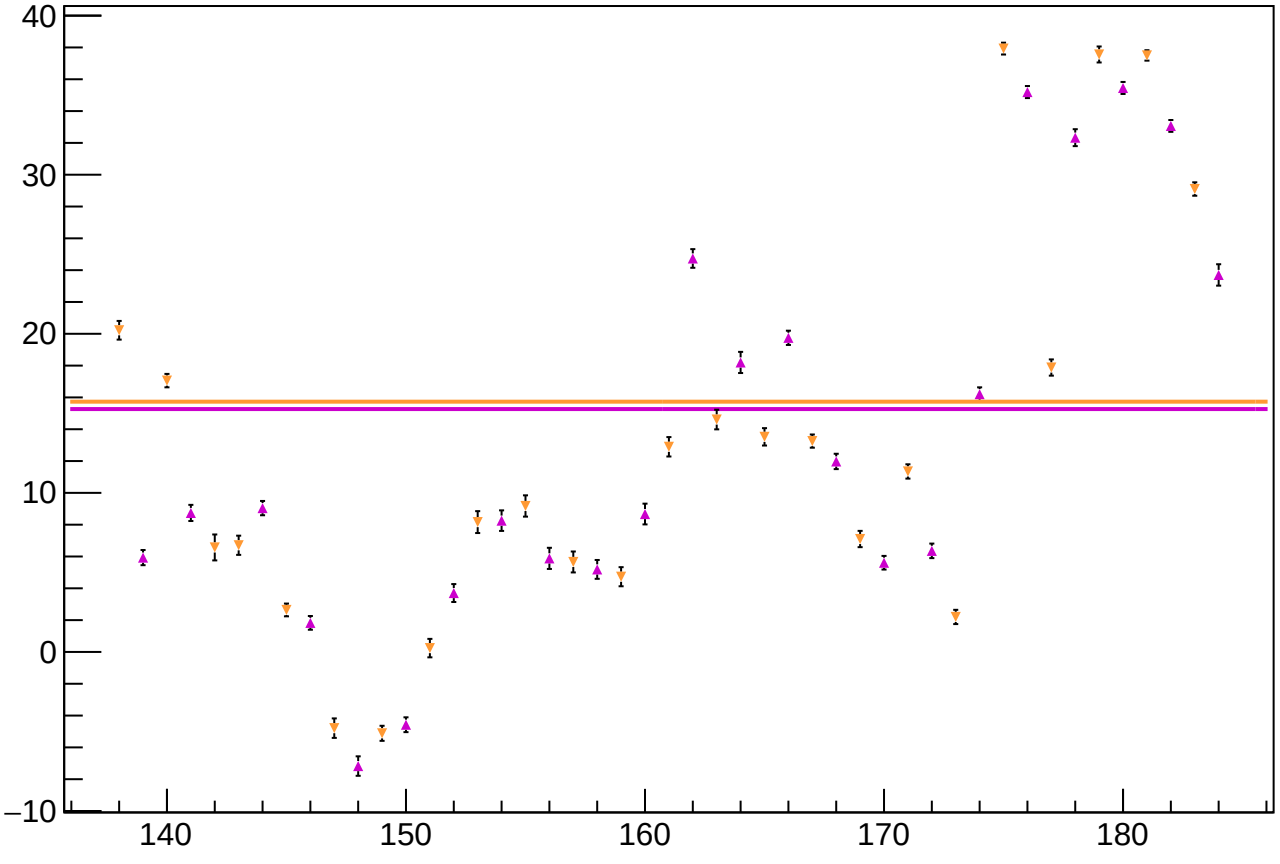
Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.209+/-0.007 χ^2/NDF:887.7/39

Out: 0.197+/-0.007 χ^2/NDF:1319.4/42

All: 0.203+/-0.005 χ^2/NDF: 2208.4/82

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: 15.733+/-0.102 χ^2/NDF:18266.9/23

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

Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

Left: 15.501+/-0.072 χ^2/NDF: 34683.5/46

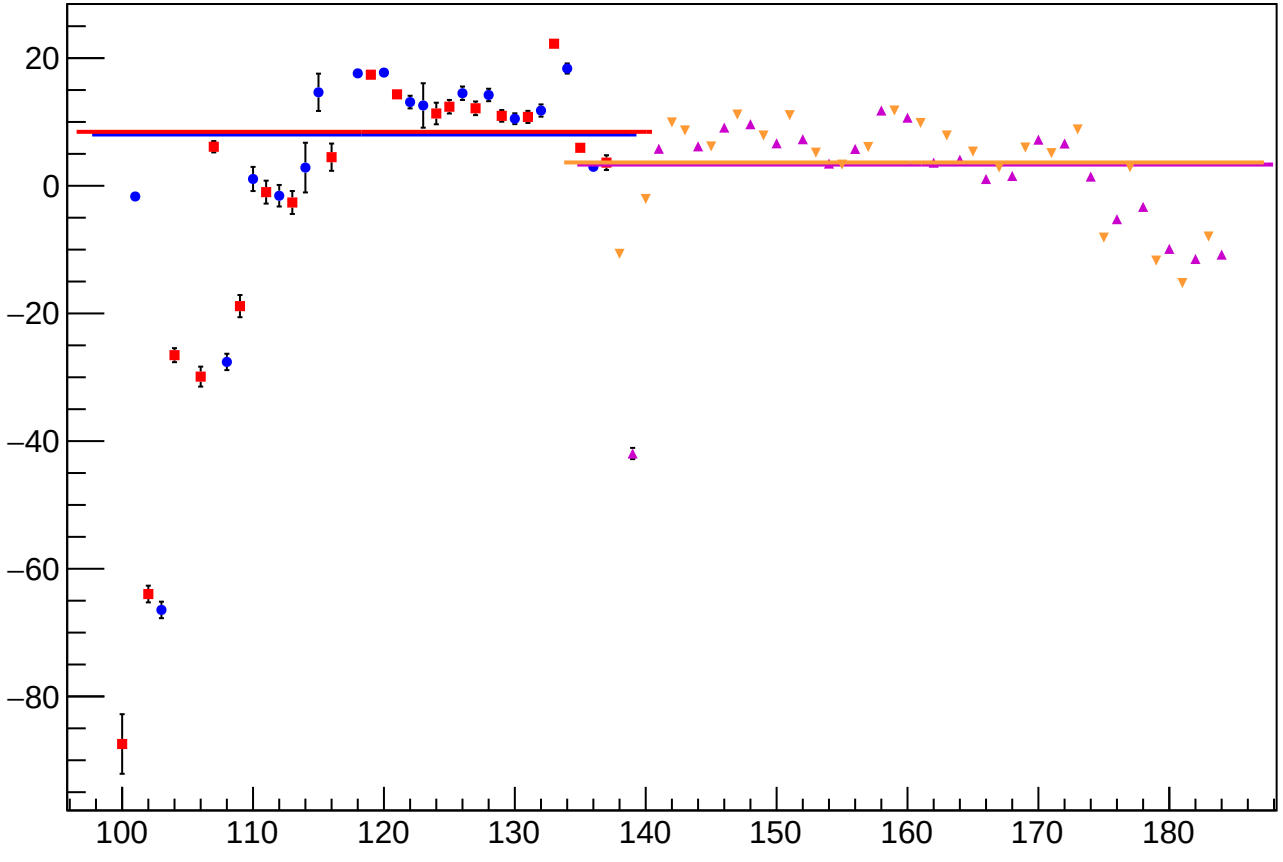
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 15.268+/-0.102 χ^2/NDF:16406.3/22

Out: 15.733+/-0.102 χ^2/NDF:18266.9/23

All: 15.501+/-0.072 χ^2/NDF: 34683.5/46

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: 3.655+/-0.080 χ^2/NDF:9163.1/23

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

Left: 3.494+/-0.057 χ^2/NDF: 18001.9/46

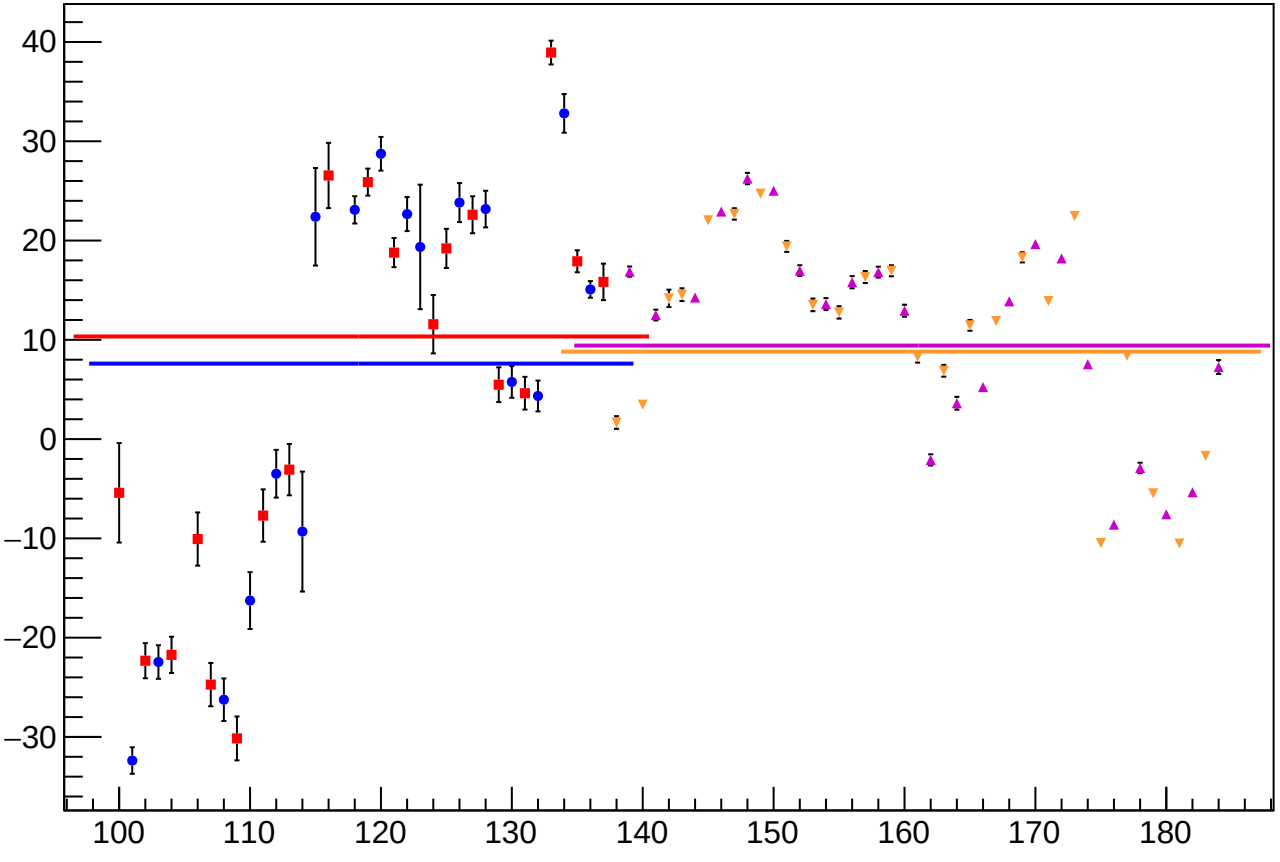
Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 3.911+/-0.076 χ^2/NDF:14619.6/39

Out: 4.241+/-0.075 χ^2/NDF:16311.6/42

All: 4.079+/-0.053 χ^2/NDF: 30940.8/82

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: 8.809+/-0.102 χ^2/NDF:12772.5/23

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

Left: 9.115+/-0.072 χ^2/NDF: 24868.6/46

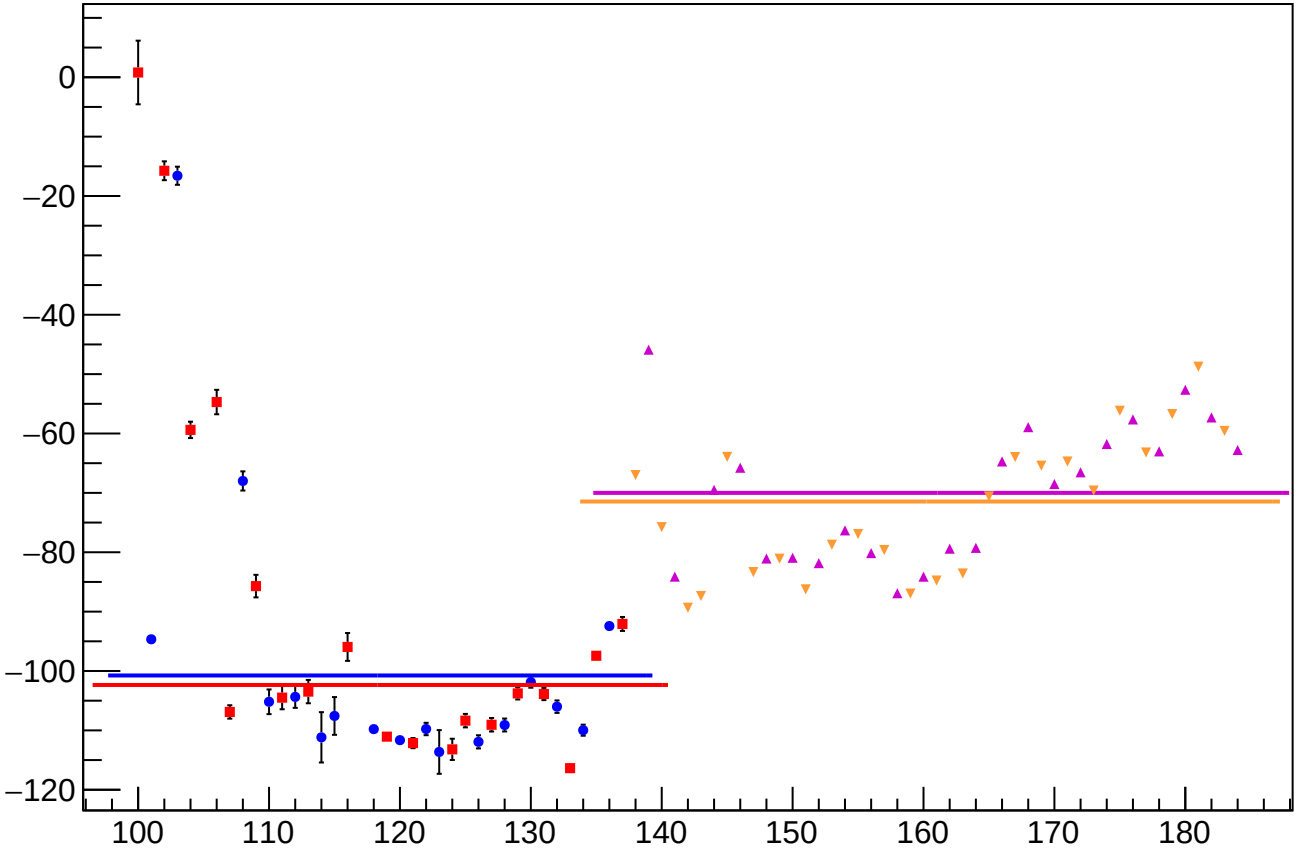
Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 9.317+/-0.099 χ^2/NDF:14421.1/39

Out: 8.896+/-0.099 χ^2/NDF:15067.0/42

All: 9.107+/-0.070 χ^2/NDF: 29497.2/82

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: -71.456+/-0.090 χ^2/NDF:16186.0/23

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

Left: -70.736+/-0.064 χ^2/NDF: 29502.5/46

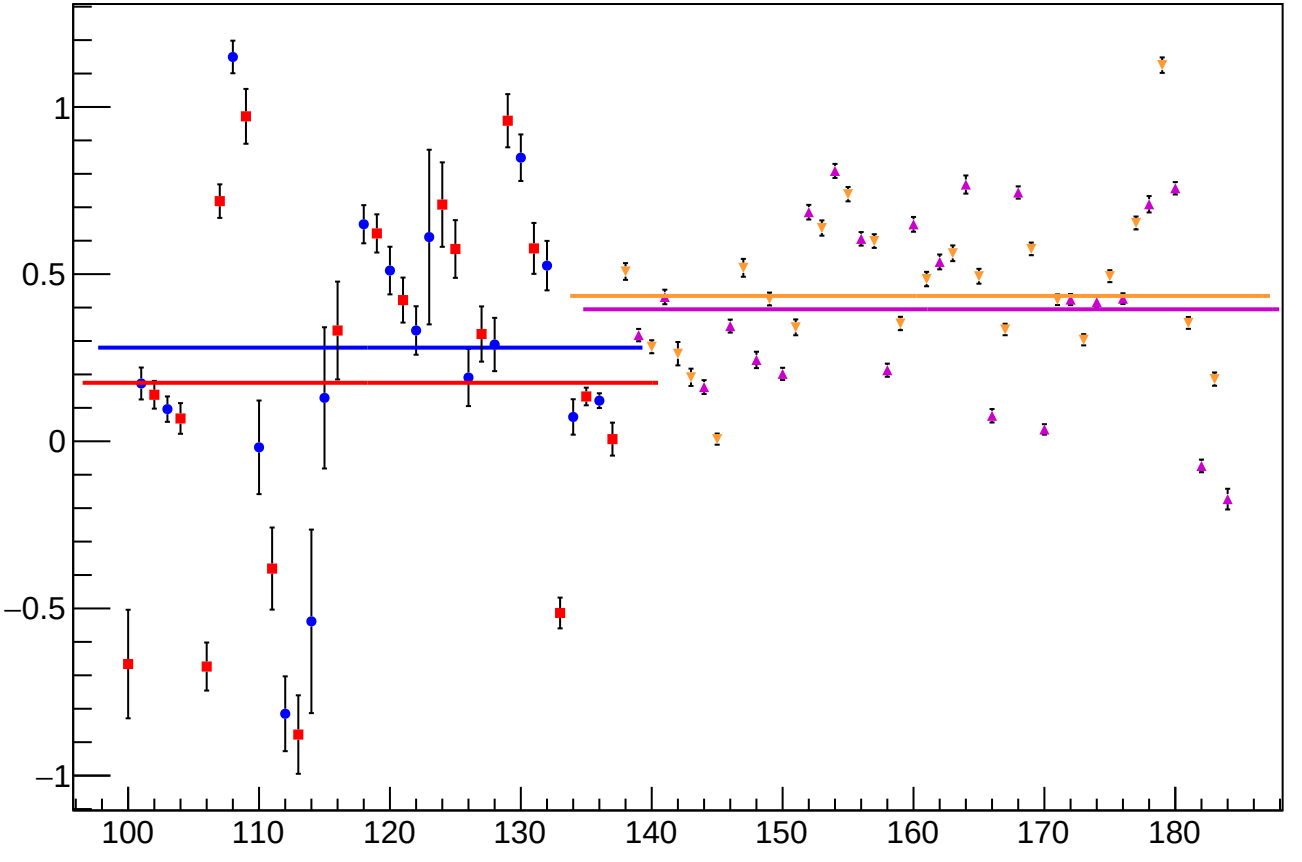
Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -73.677+/-0.086 χ^2/NDF:31248.5/39

Out: -75.119+/-0.085 χ^2/NDF:36145.3/42

All: -74.406+/-0.060 χ^2/NDF: 67536.7/82

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: 0.435+/-0.004 χ^2/NDF:2625.6/23

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

Left: 0.415+/-0.003 χ^2/NDF: 6735.2/46

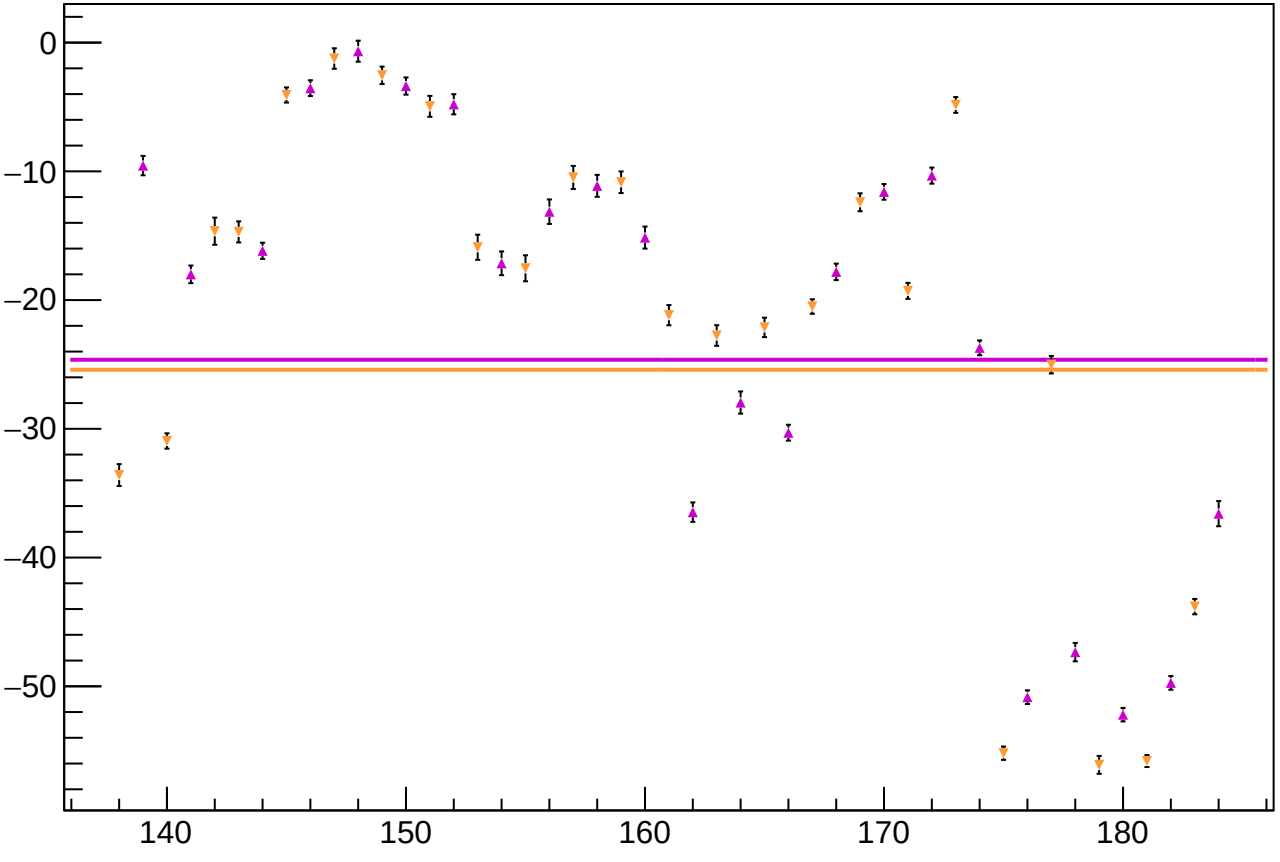
Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.385+/-0.004 χ^2/NDF:4785.3/39

Out: 0.412+/-0.004 χ^2/NDF:3933.3/42

All: 0.398+/-0.003 χ^2/NDF: 8742.2/82

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -25.410+/-0.141 χ^2/NDF:17406.2/23

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

Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

Left: -25.025+/-0.100 χ^2/NDF: 32369.1/46

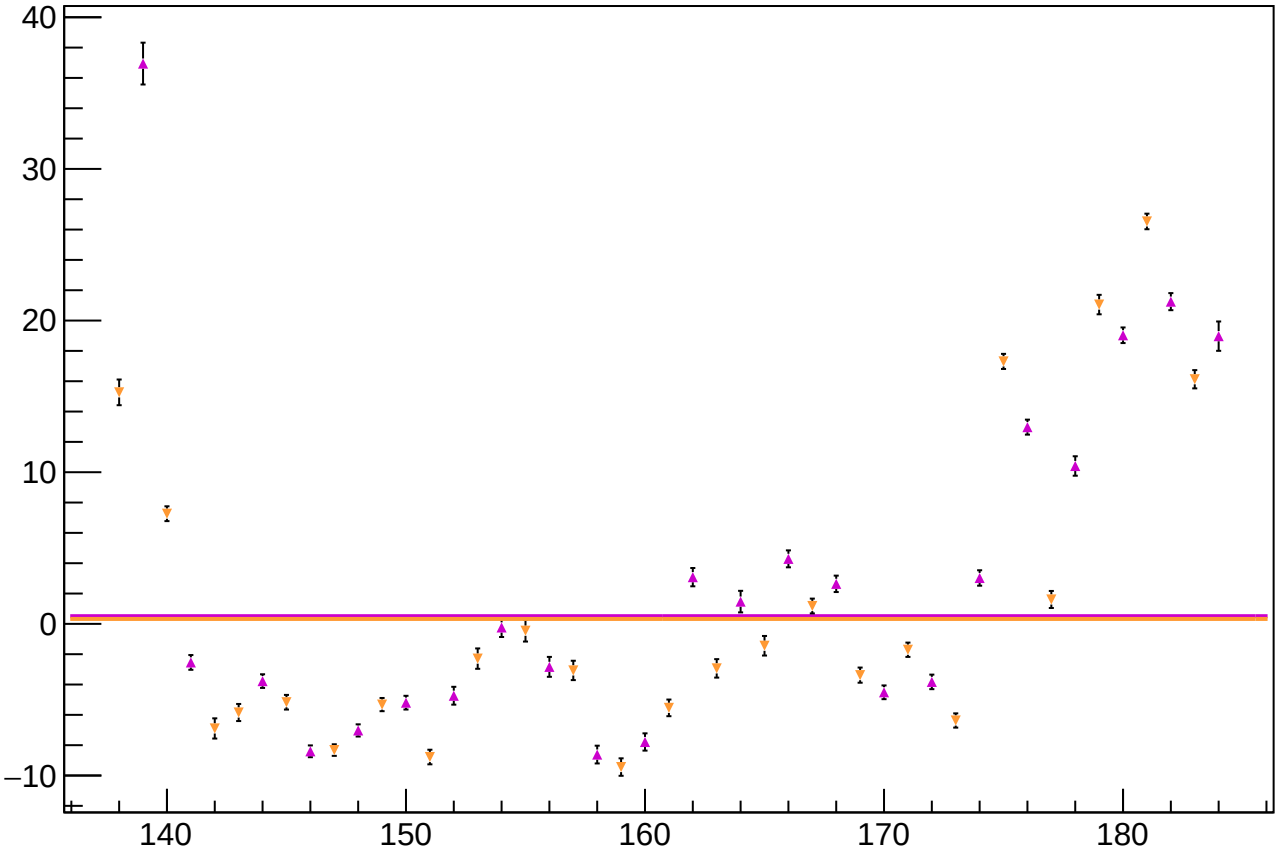
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -24.635+/-0.142 χ^2/NDF:14947.9/22

Out: -25.410+/-0.141 χ^2/NDF:17406.2/23

All: -25.025+/-0.100 χ^2/NDF: 32369.1/46

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 0.325+/-0.110 χ^2/NDF:8189.3/23

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

Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

Left: 0.414+/-0.078 χ^2/NDF: 14817.6/46

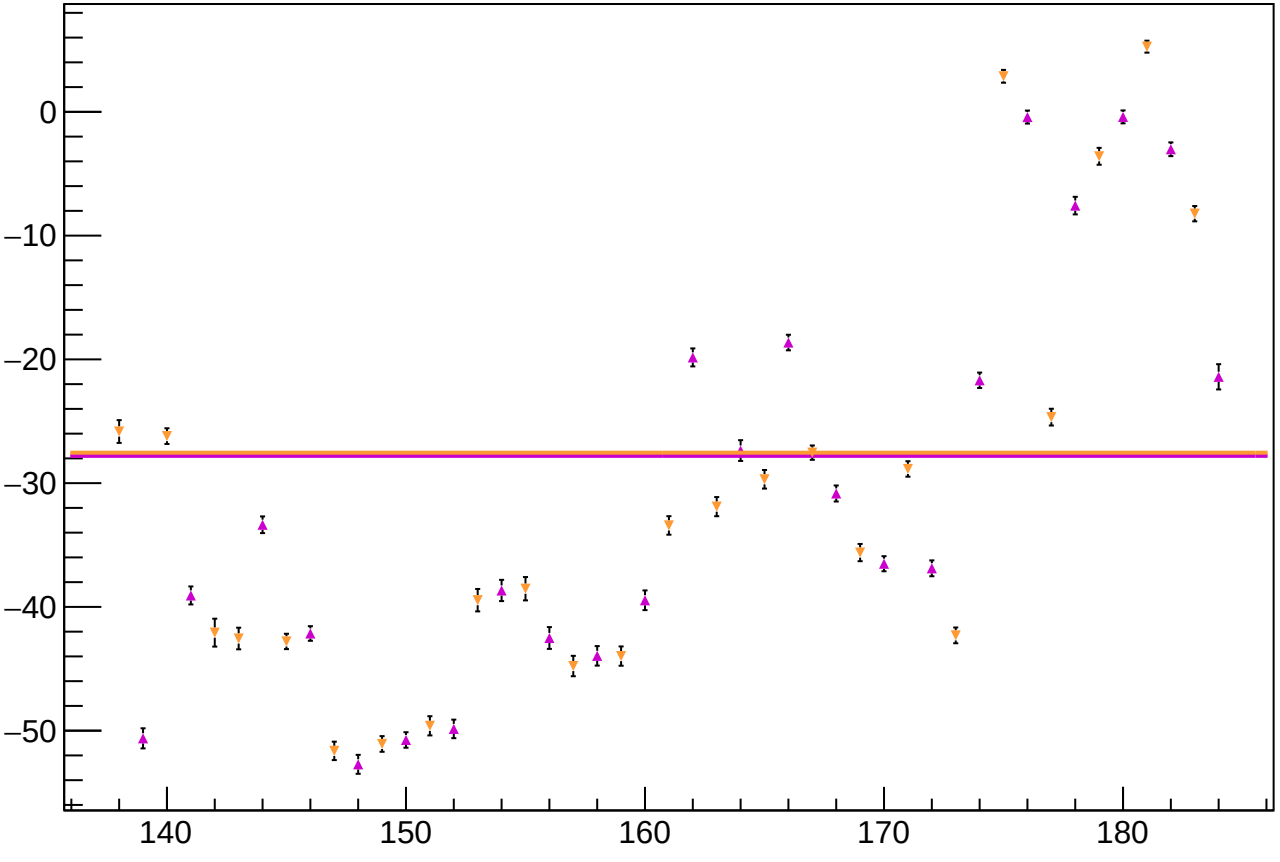
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.507+/-0.112 χ^2/NDF:6626.9/22

Out: 0.325+/-0.110 χ^2/NDF:8189.3/23

All: 0.414+/-0.078 χ^2/NDF: 14817.6/46

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -27.538+/-0.141 χ^2/NDF:16547.6/23

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

Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

Left: -27.666+/-0.100 χ^2/NDF: 31742.6/46

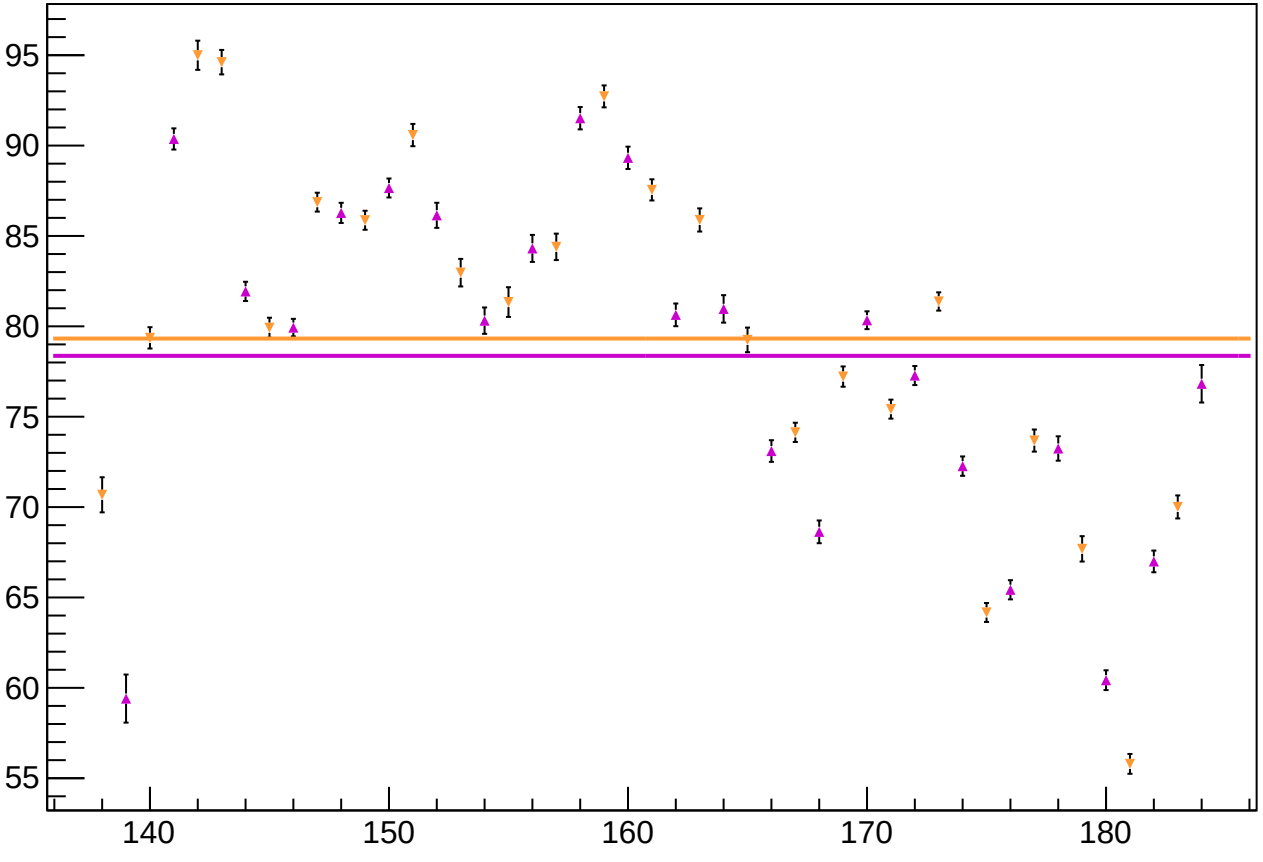
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -27.796+/-0.142 χ^2/NDF:15193.3/22

Out: -27.538+/-0.141 χ^2/NDF:16547.6/23

All: -27.666+/-0.100 χ^2/NDF: 31742.6/46

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: 79.324+/-0.125 χ^2/NDF:5960.2/23

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

Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

Left: 78.852+/-0.089 χ^2/NDF: 10724.8/46

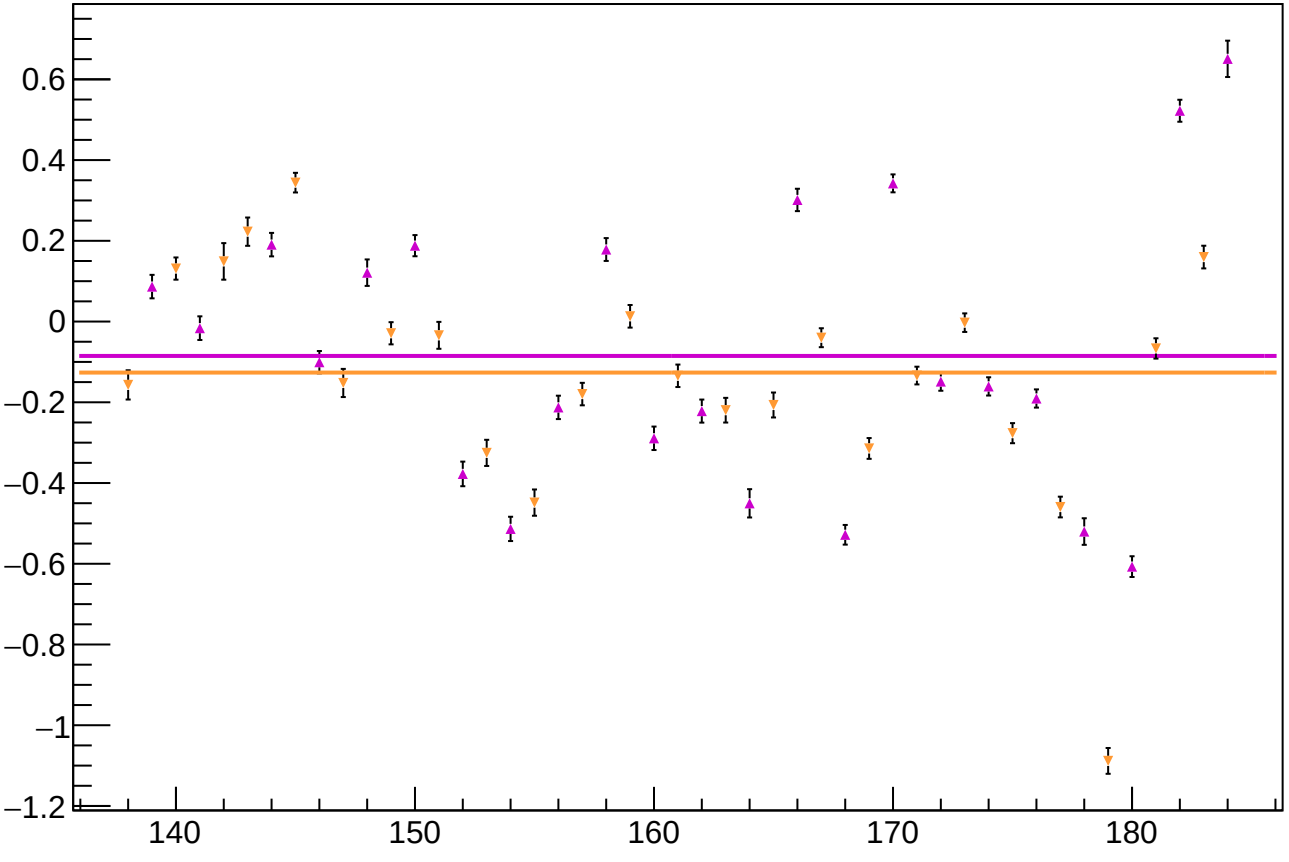
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 78.367+/-0.126 χ^2/NDF:4735.5/22

Out: 79.324+/-0.125 χ^2/NDF:5960.2/23

All: 78.852+/-0.089 χ^2/NDF: 10724.8/46

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.126+/-0.006 χ^2/NDF:2114.4/23

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

Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

Left: -0.106+/-0.004 χ^2/NDF: 5288.5/46

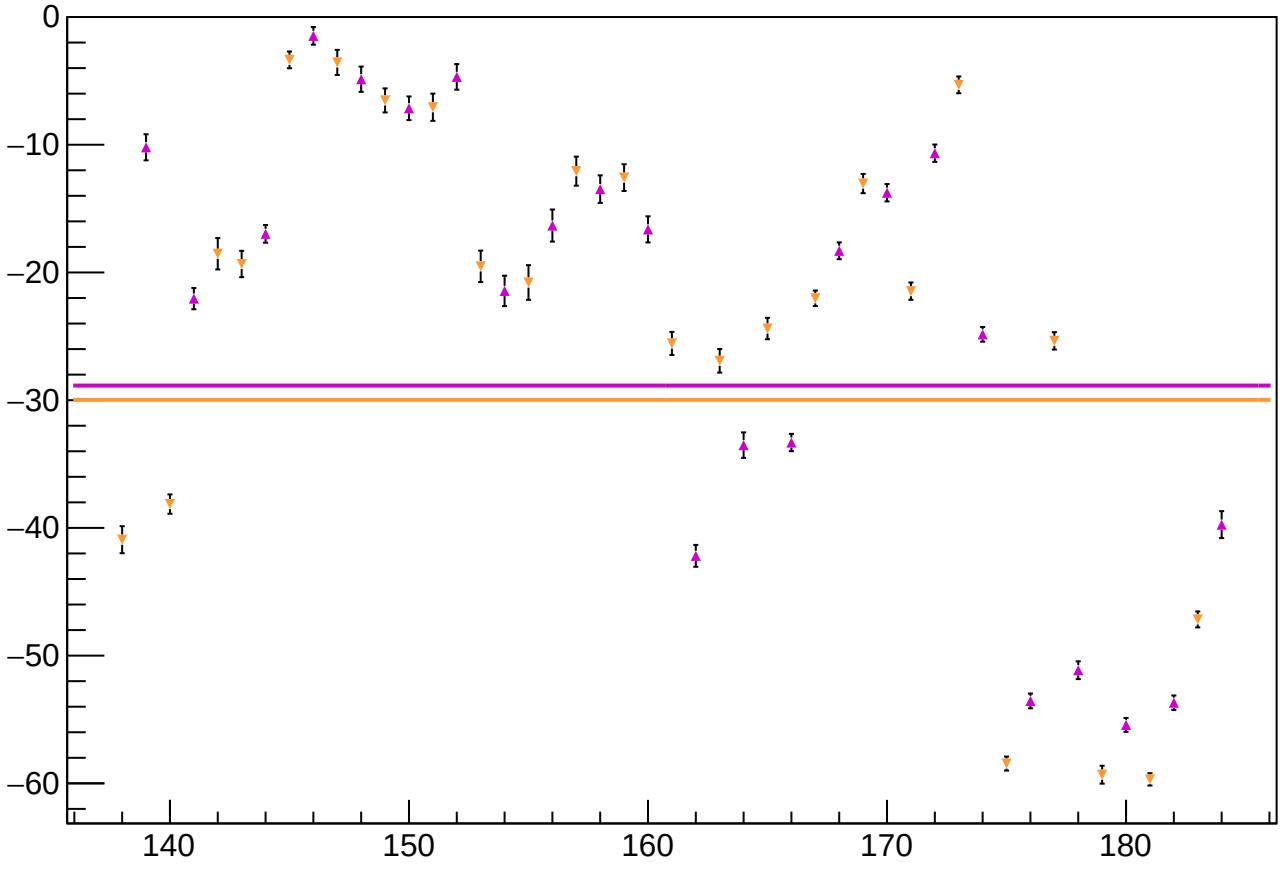
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.085+/-0.006 χ^2/NDF:3148.4/22

Out: -0.126+/-0.006 χ^2/NDF:2114.4/23

All: -0.106+/-0.004 χ^2/NDF: 5288.5/46

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -29.972+/-0.159 χ^2/NDF:15869.0/23

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

Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

Left: -29.415+/-0.112 χ^2/NDF: 29447.2/46

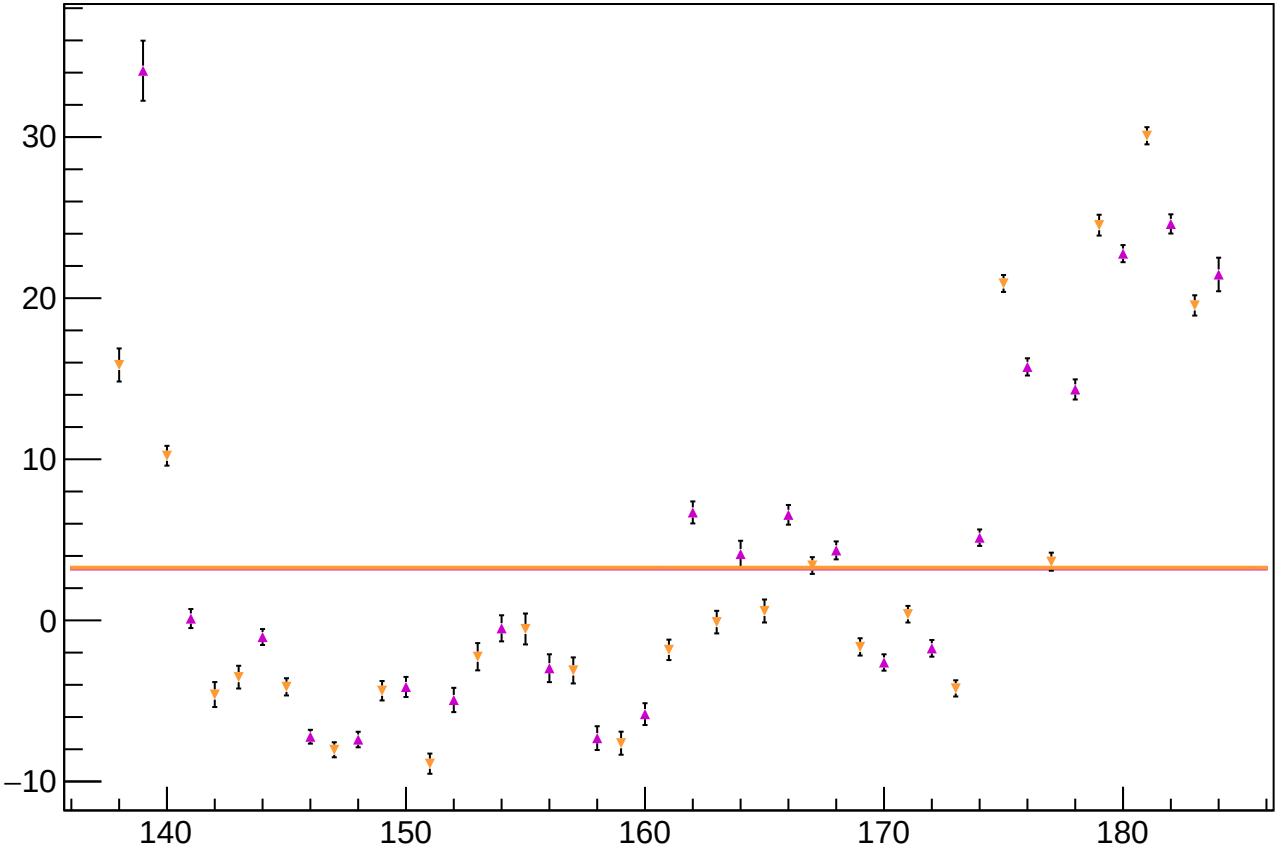
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -28.857+/-0.159 χ^2/NDF:13553.6/22

Out: -29.972+/-0.159 χ^2/NDF:15869.0/23

All: -29.415+/-0.112 χ^2/NDF: 29447.2/46

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: 3.268+/-0.126 χ^2/NDF:7975.2/23

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

Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

Left: 3.246+/-0.089 χ^2/NDF: 14249.2/46

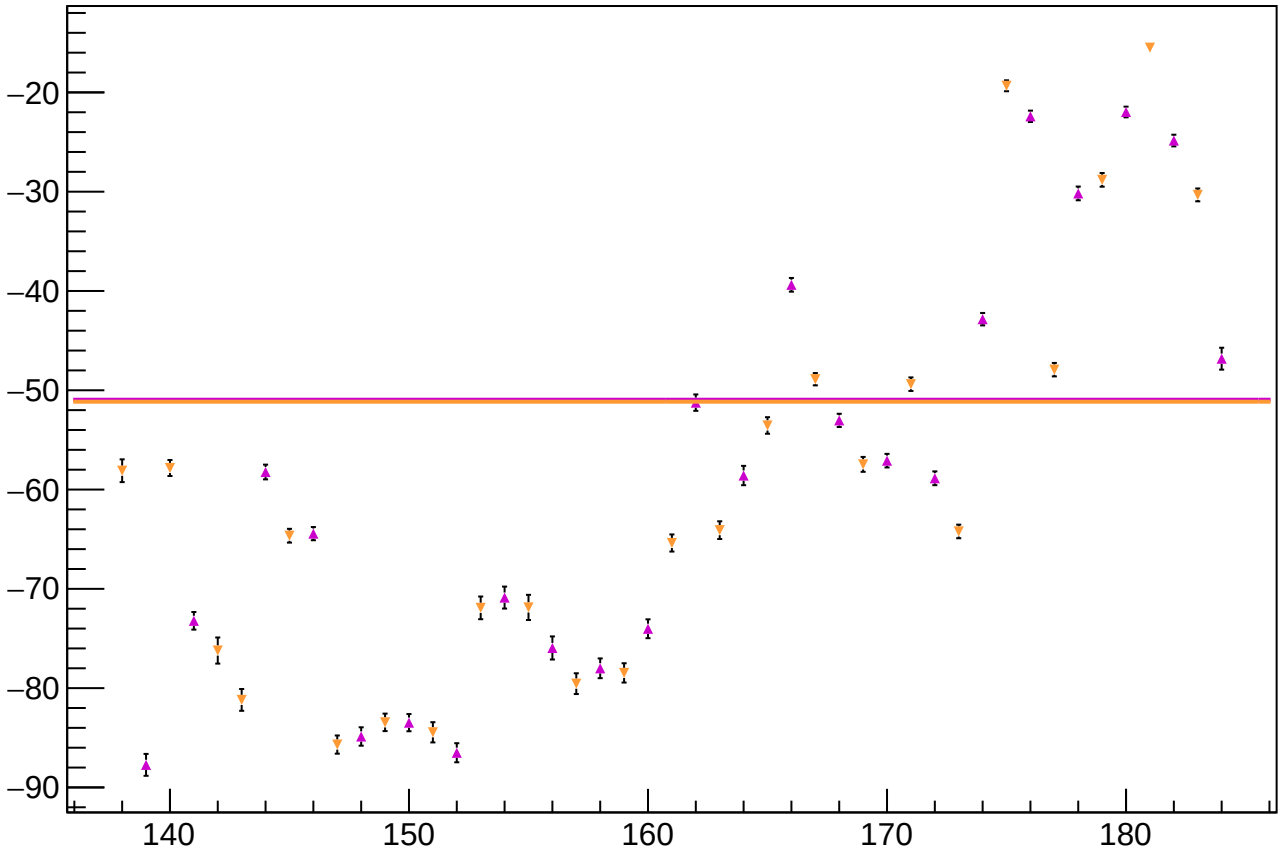
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.224+/-0.127 χ^2/NDF:6274.0/22

Out: 3.268+/-0.126 χ^2/NDF:7975.2/23

All: 3.246+/-0.089 χ^2/NDF: 14249.2/46

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -51.150+/-0.160 χ^2/NDF:18972.0/23

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

Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

Left: -51.052+/-0.113 χ^2/NDF: 36445.0/46

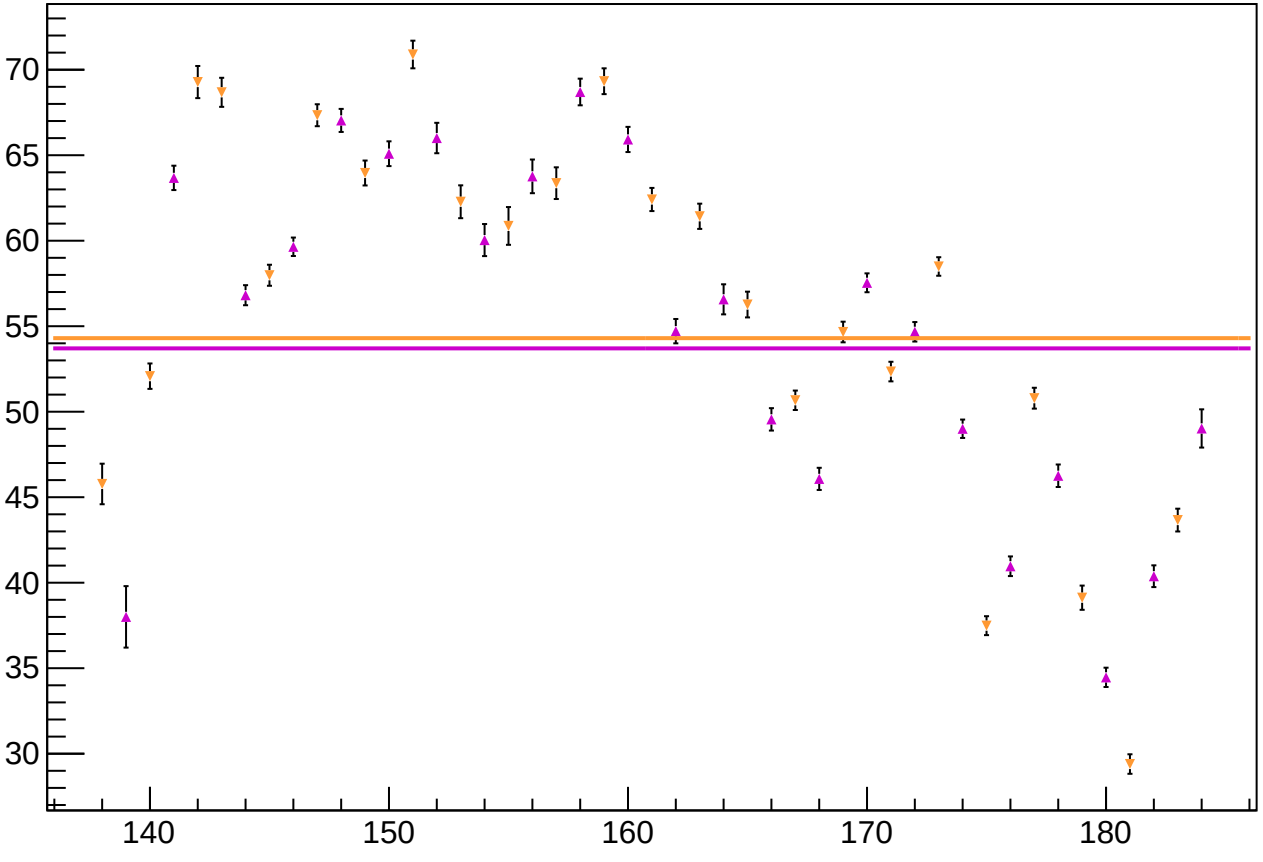
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -50.954+/-0.159 χ^2/NDF:17472.2/22

Out: -51.150+/-0.160 χ^2/NDF:18972.0/23

All: -51.052+/-0.113 χ^2/NDF: 36445.0/46

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: 54.302+/-0.142 χ^2/NDF:6171.6/23

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

Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

Left: 54.004+/-0.101 χ^2/NDF: 10783.9/46

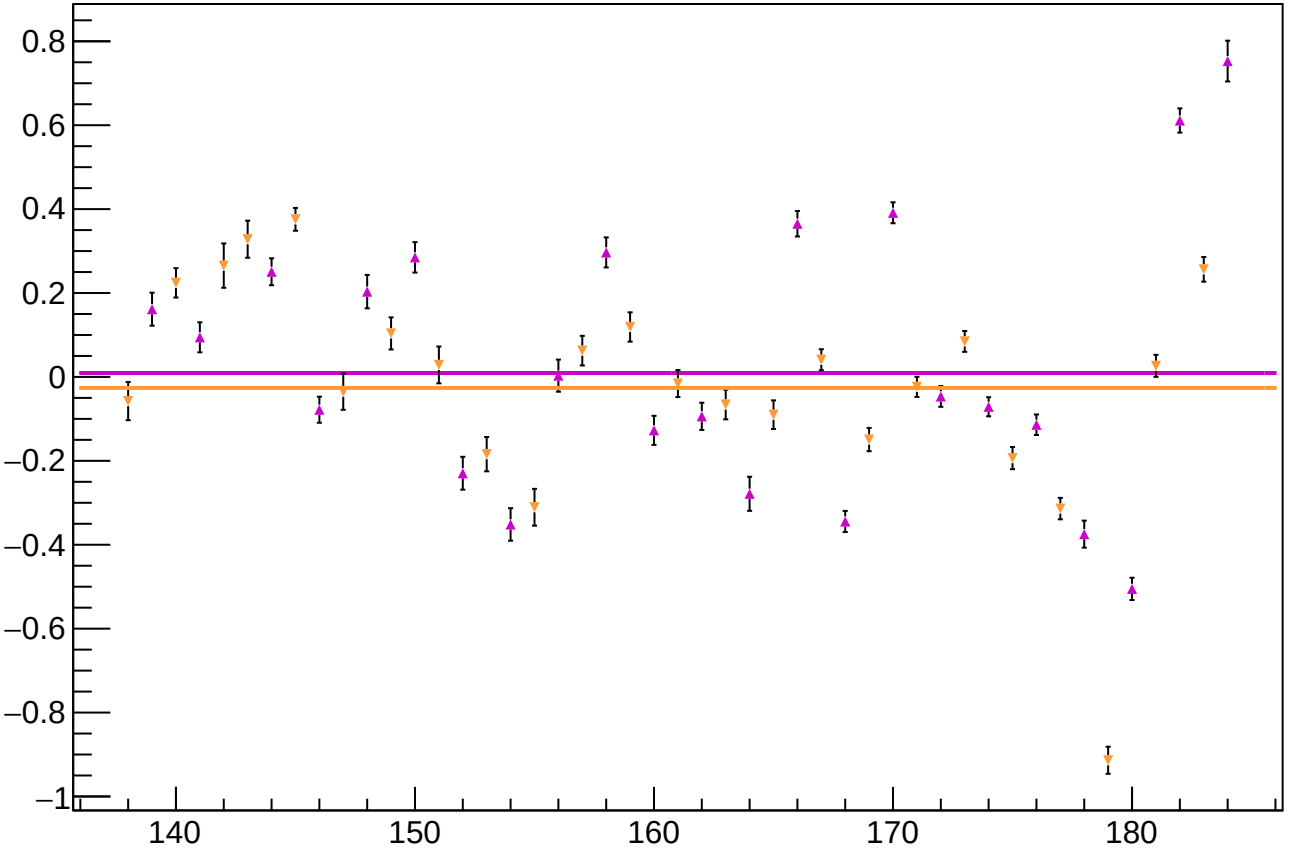
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 53.704+/-0.143 χ^2/NDF:4603.5/22

Out: 54.302+/-0.142 χ^2/NDF:6171.6/23

All: 54.004+/-0.101 χ^2/NDF: 10783.9/46

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.026+/-0.007 χ^2/NDF:1529.3/23

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

Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

Left: -0.008+/-0.005 χ^2/NDF: 3773.0/46

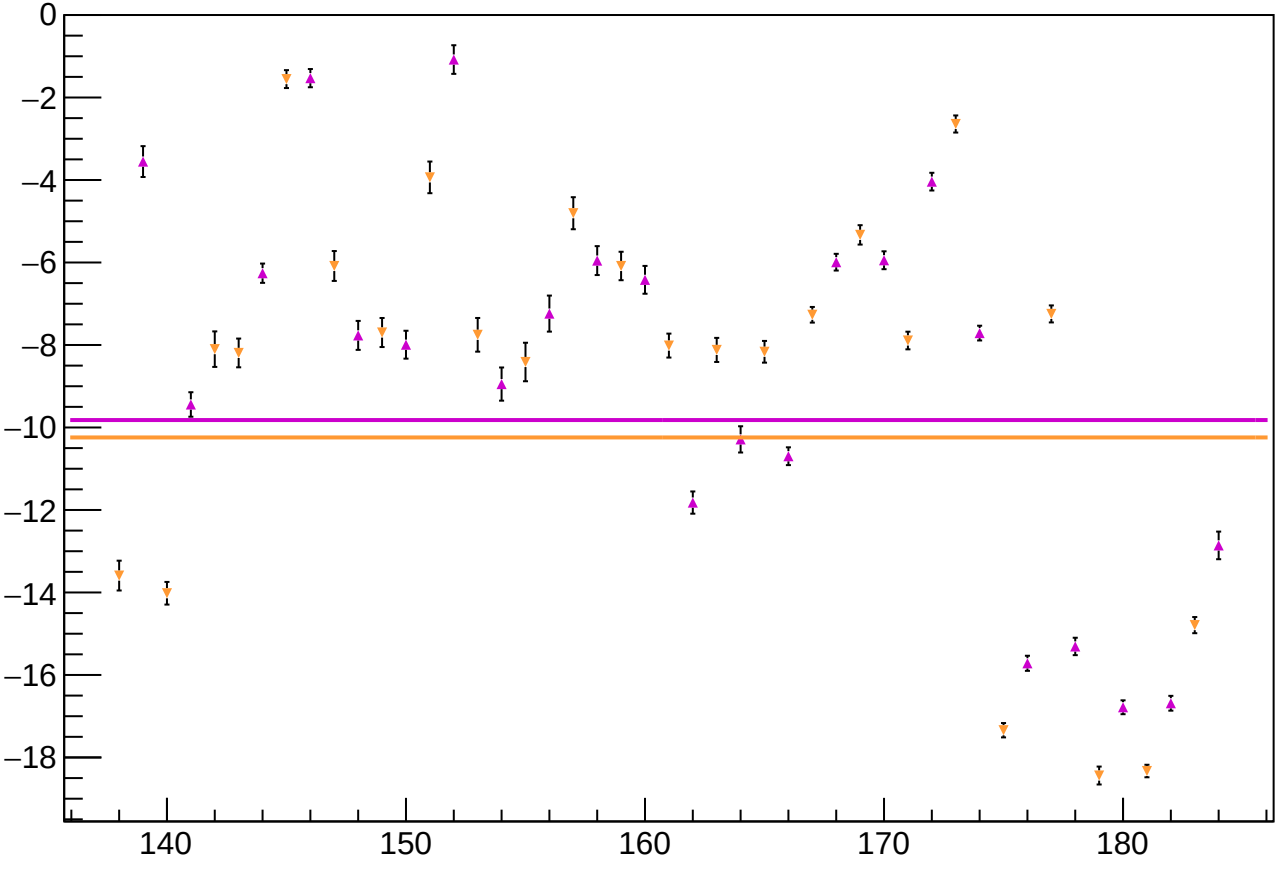
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.009+/-0.007 χ^2/NDF:2228.9/22

Out: -0.026+/-0.007 χ^2/NDF:1529.3/23

All: -0.008+/-0.005 χ^2/NDF: 3773.0/46

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.242+/-0.051 χ^2/NDF:11776.4/23

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

Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

Left: -10.030+/-0.036 χ^2/NDF: 21279.1/46

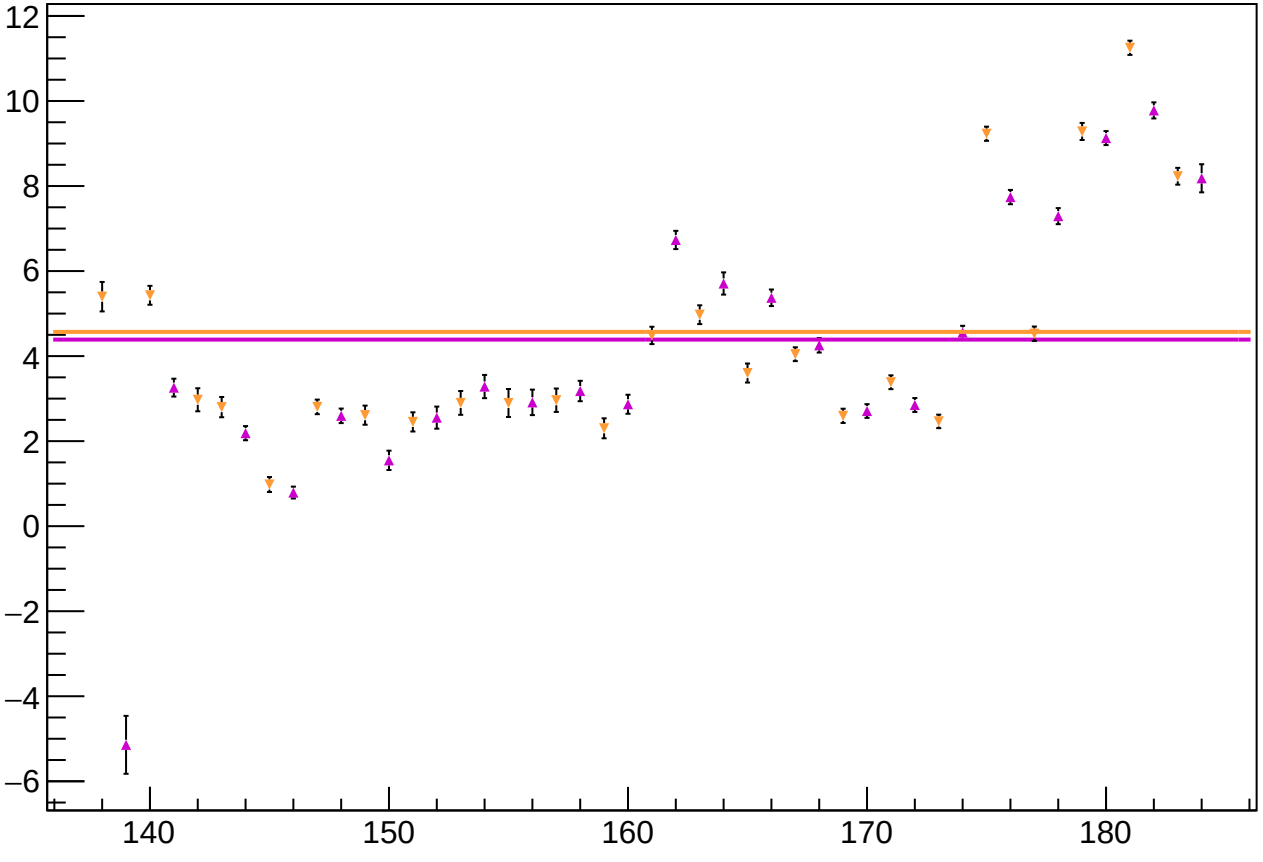
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.820+/-0.051 χ^2/NDF:9468.8/22

Out: -10.242+/-0.051 χ^2/NDF:11776.4/23

All: -10.030+/-0.036 χ^2/NDF: 21279.1/46

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: 4.569+/-0.041 χ^2/NDF:4649.3/23

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

Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

Left: 4.479+/-0.029 χ^2/NDF: 8925.5/46

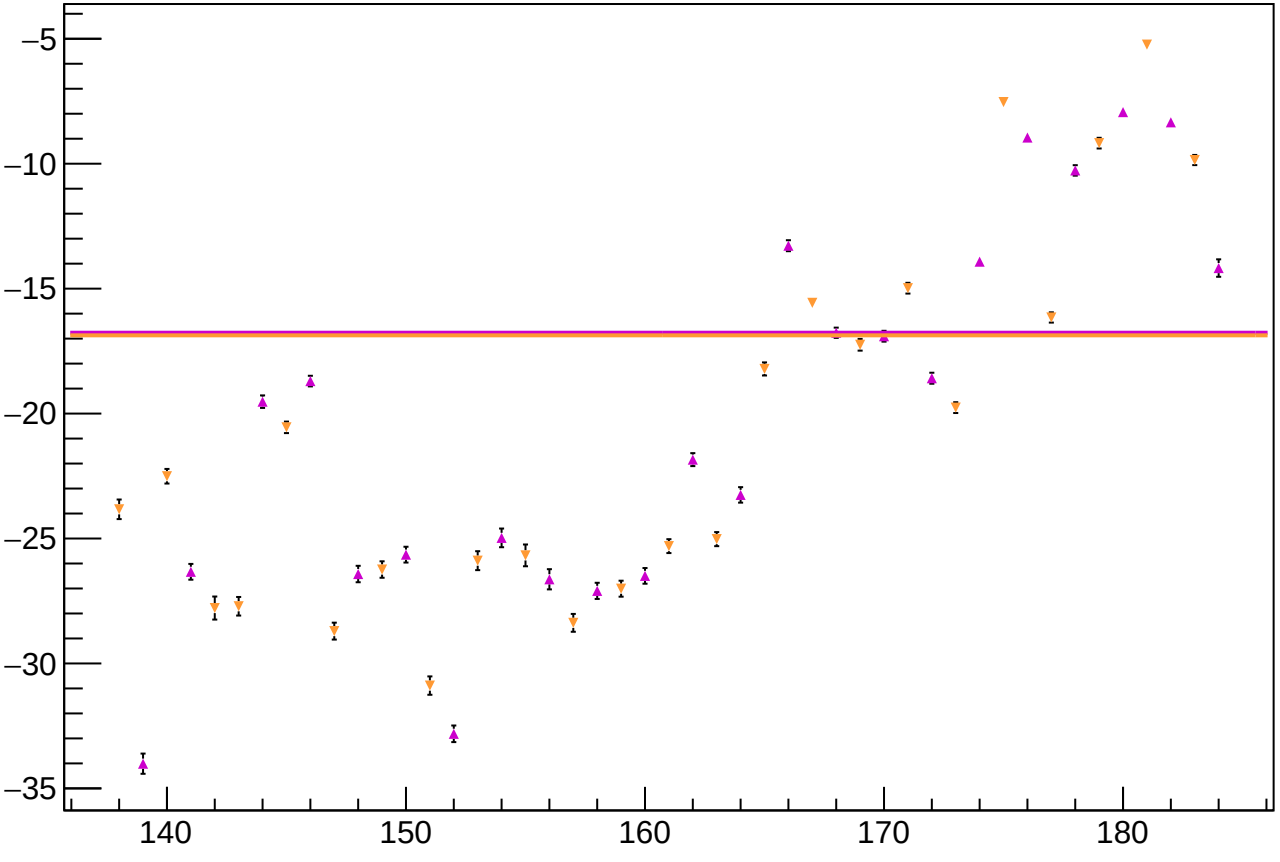
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.388+/-0.041 χ^2/NDF:4266.4/22

Out: 4.569+/-0.041 χ^2/NDF:4649.3/23

All: 4.479+/-0.029 χ^2/NDF: 8925.5/46

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -16.869+/-0.052 χ^2/NDF:21735.1/23

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

Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

Left: -16.816+/-0.036 χ^2/NDF: 40774.8/46

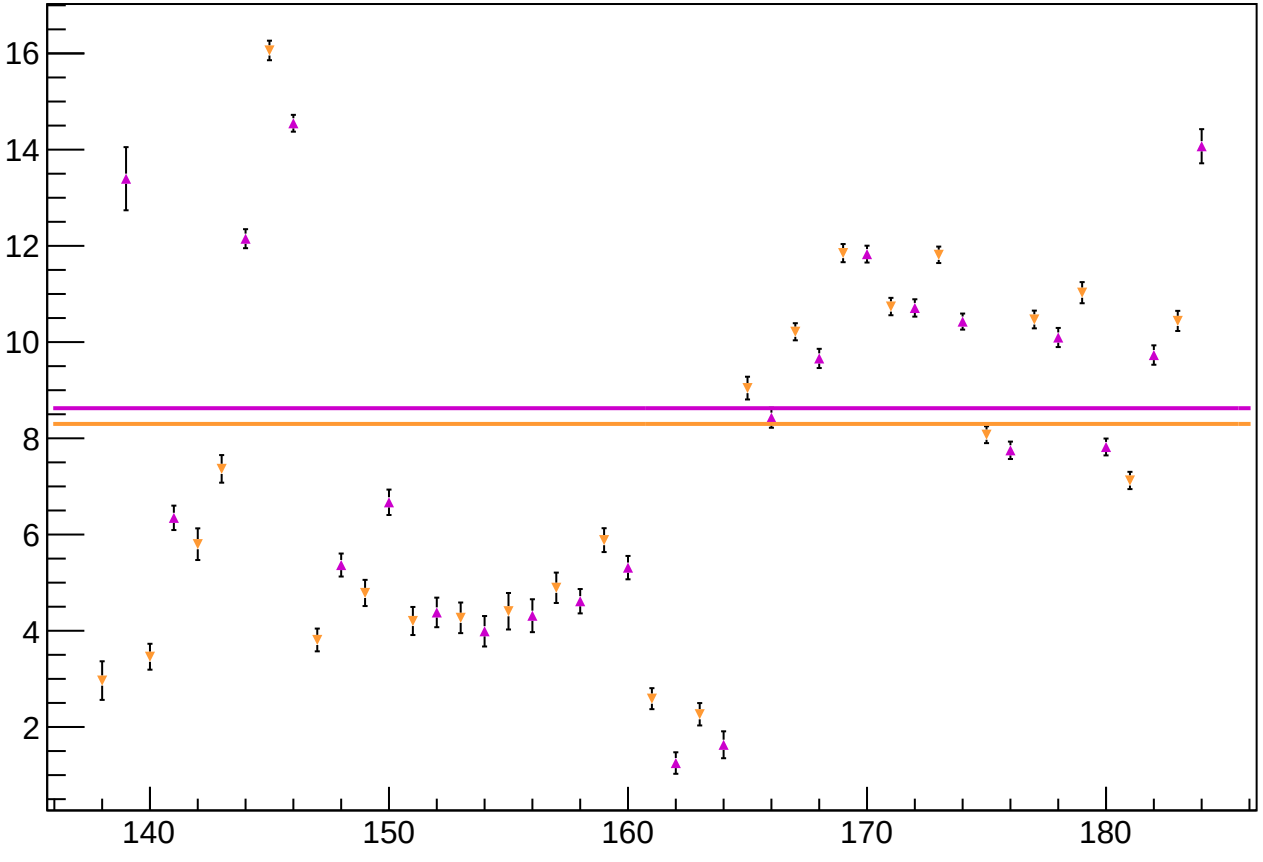
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -16.764+/-0.051 χ^2/NDF:19037.7/22

Out: -16.869+/-0.052 χ^2/NDF:21735.1/23

All: -16.816+/-0.036 χ^2/NDF: 40774.8/46

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 8.299+/-0.046 χ^2/NDF:6113.9/23

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

Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

Left: 8.463+/-0.033 χ^2/NDF: 11670.9/46

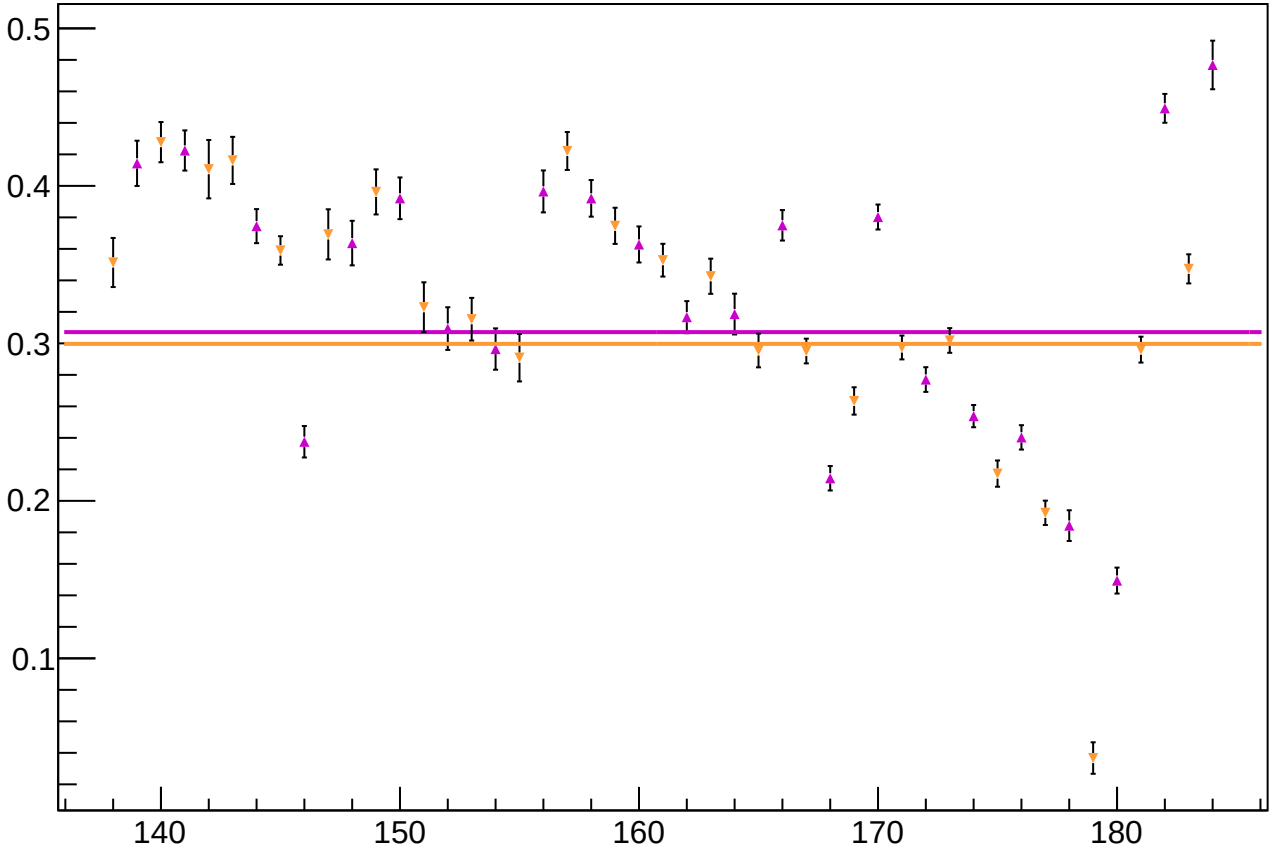
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.626+/-0.046 χ^2/NDF:5531.9/22

Out: 8.299+/-0.046 χ^2/NDF:6113.9/23

All: 8.463+/-0.033 χ^2/NDF: 11670.9/46

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: 0.300+/-0.002 χ^2/NDF:1533.1/23

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

Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

Left: 0.303+/-0.001 χ^2/NDF: 3256.2/46

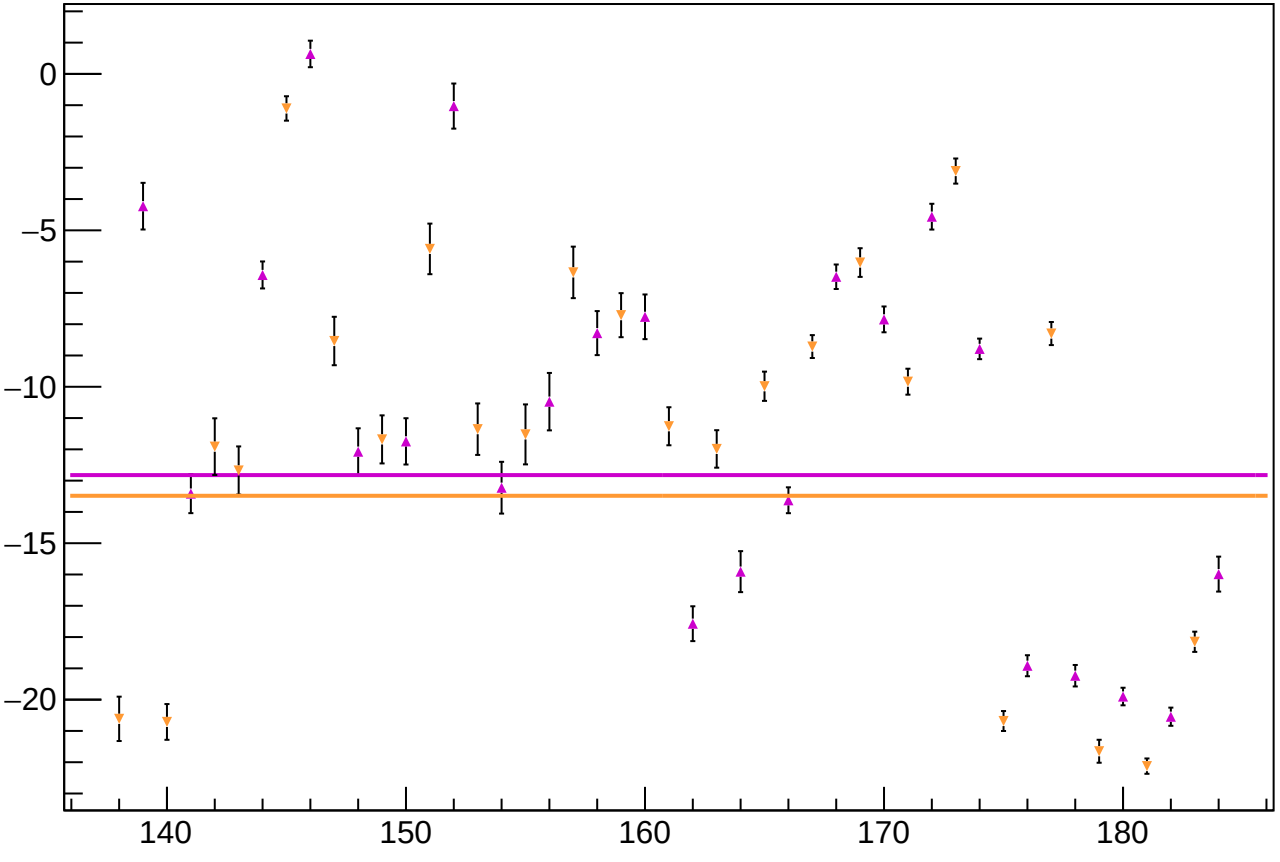
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.307+/-0.002 χ^2/NDF:1716.8/22

Out: 0.300+/-0.002 χ^2/NDF:1533.1/23

All: 0.303+/-0.001 χ^2/NDF: 3256.2/46

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: -13.484+/-0.095 χ^2/NDF:5479.1/23

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

Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

Left: -13.152+/-0.067 χ^2/NDF: 10344.9/46

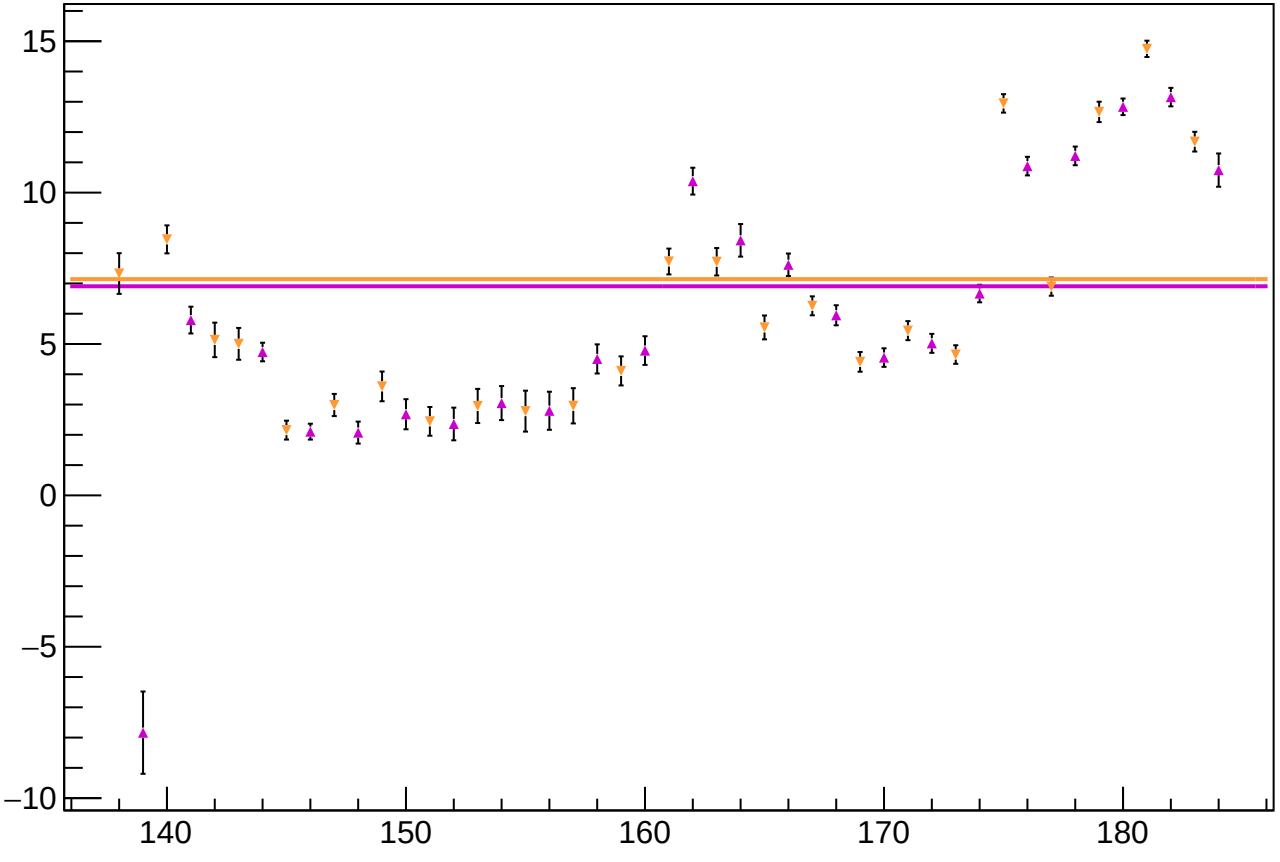
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.823+/-0.095 χ^2/NDF:4841.5/22

Out: -13.484+/-0.095 χ^2/NDF:5479.1/23

All: -13.152+/-0.067 χ^2/NDF: 10344.9/46

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: 7.142+/-0.078 χ^2/NDF:2576.9/23

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

Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

Left: 7.023+/-0.055 χ^2/NDF: 5024.4/46

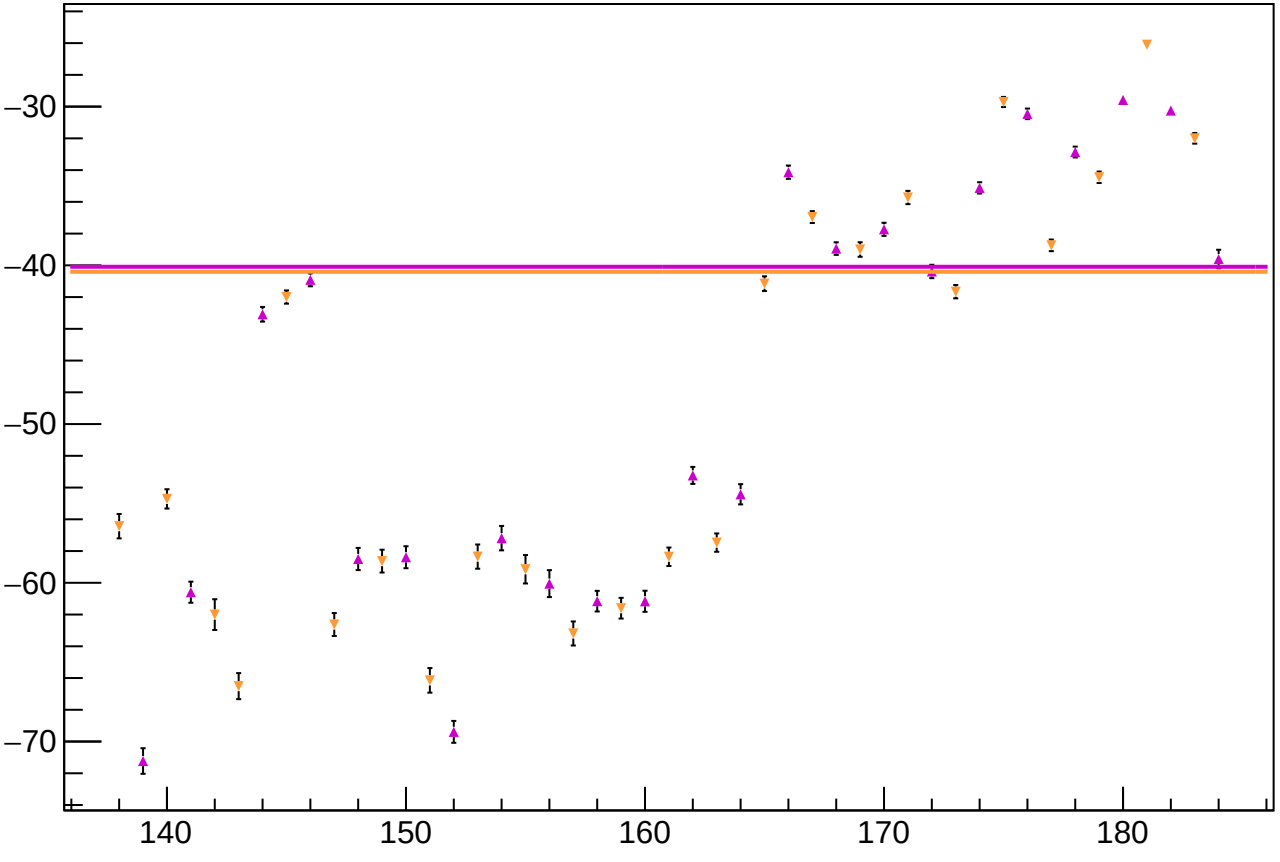
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 6.906+/-0.077 χ^2/NDF:2442.8/22

Out: 7.142+/-0.078 χ^2/NDF:2576.9/23

All: 7.023+/-0.055 χ^2/NDF: 5024.4/46

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -40.406+/-0.096 χ^2/NDF:15403.3/23

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

Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

Left: -40.247+/-0.068 χ^2/NDF: 29512.2/46

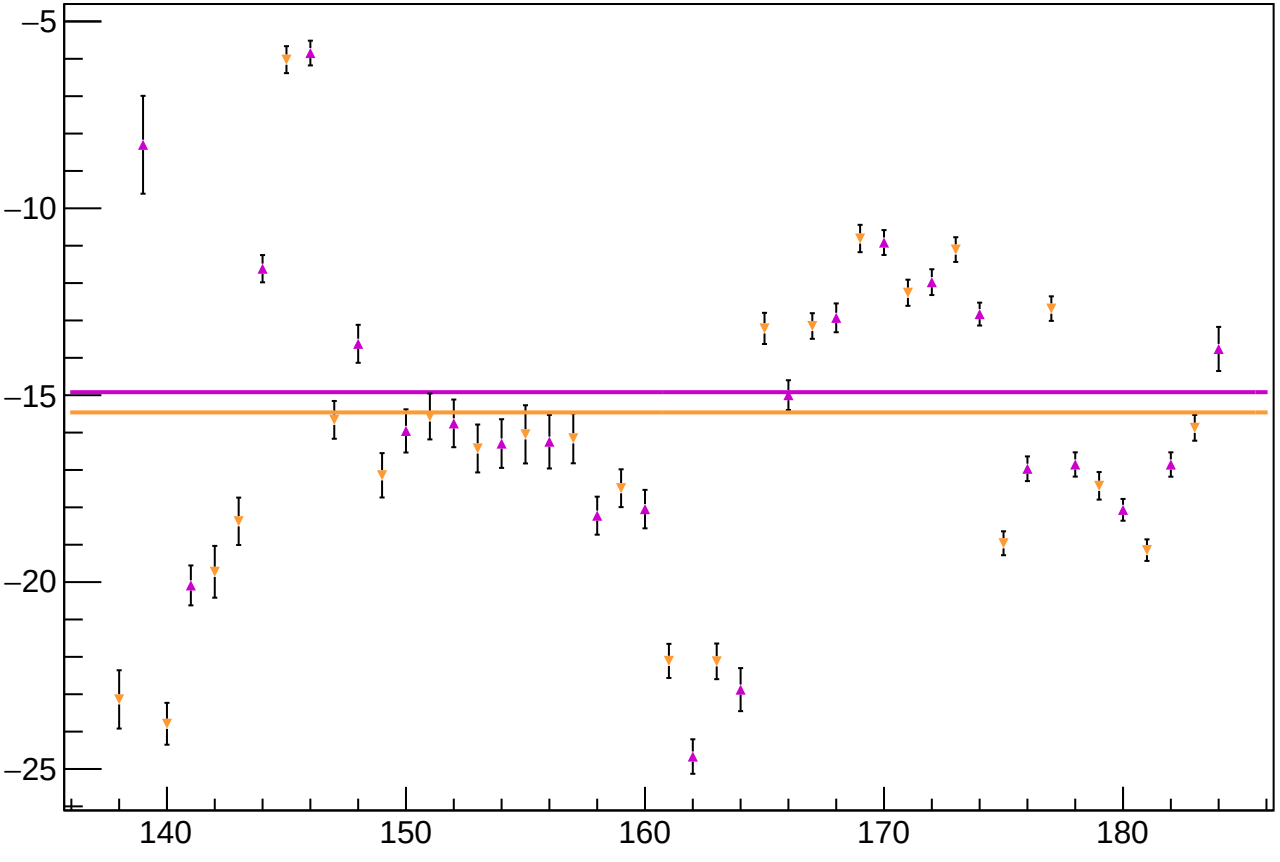
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -40.091+/-0.095 χ^2/NDF:14103.5/22

Out: -40.406+/-0.096 χ^2/NDF:15403.3/23

All: -40.247+/-0.068 χ^2/NDF: 29512.2/46

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: -15.460+/-0.087 χ^2/NDF:2374.8/23

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

Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

Left: -15.188+/-0.061 χ^2/NDF: 4601.9/46

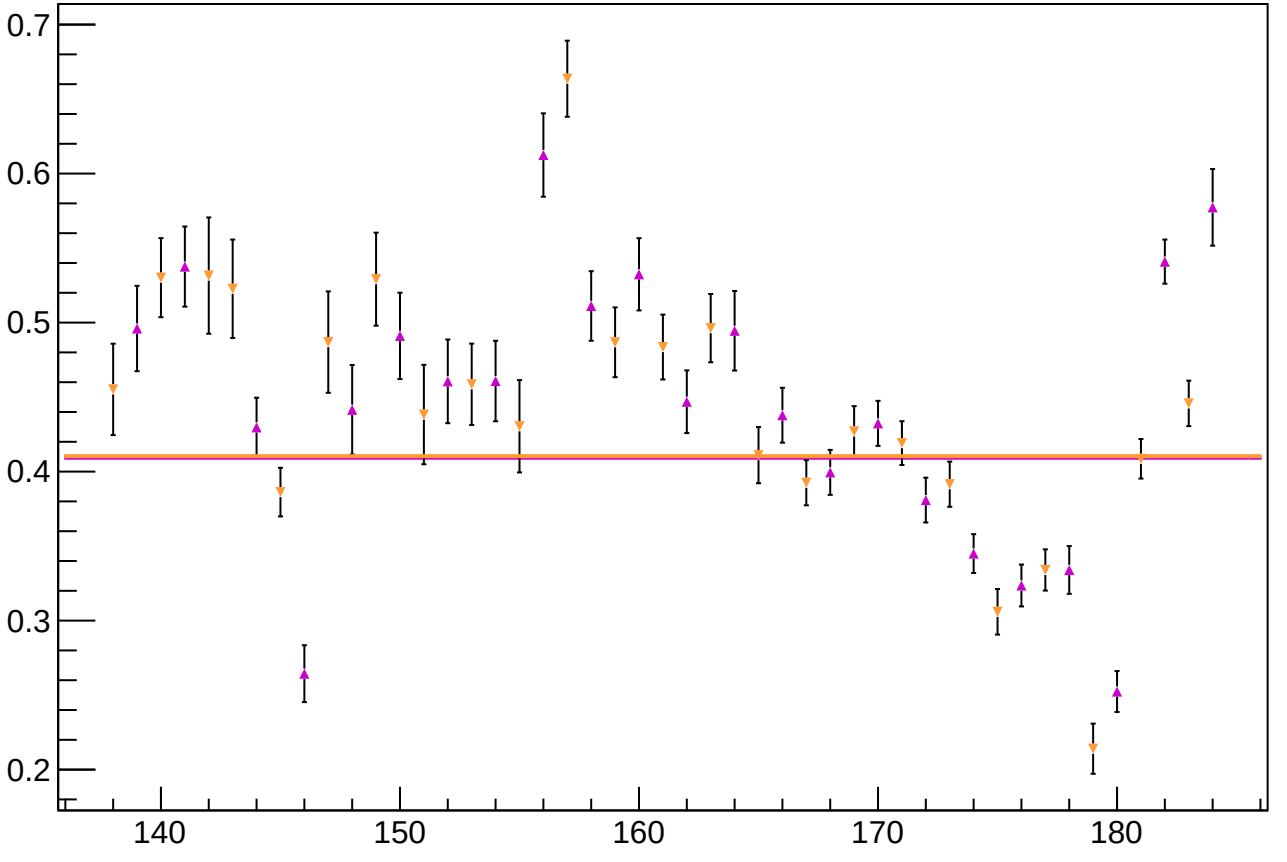
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.919+/-0.087 χ^2/NDF:2207.7/22

Out: -15.460+/-0.087 χ^2/NDF:2374.8/23

All: -15.188+/-0.061 χ^2/NDF: 4601.9/46

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: 0.410+/-0.004 χ^2/NDF:427.0/23

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

Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

Left: 0.410+/-0.003 χ^2/NDF: 988.9/46

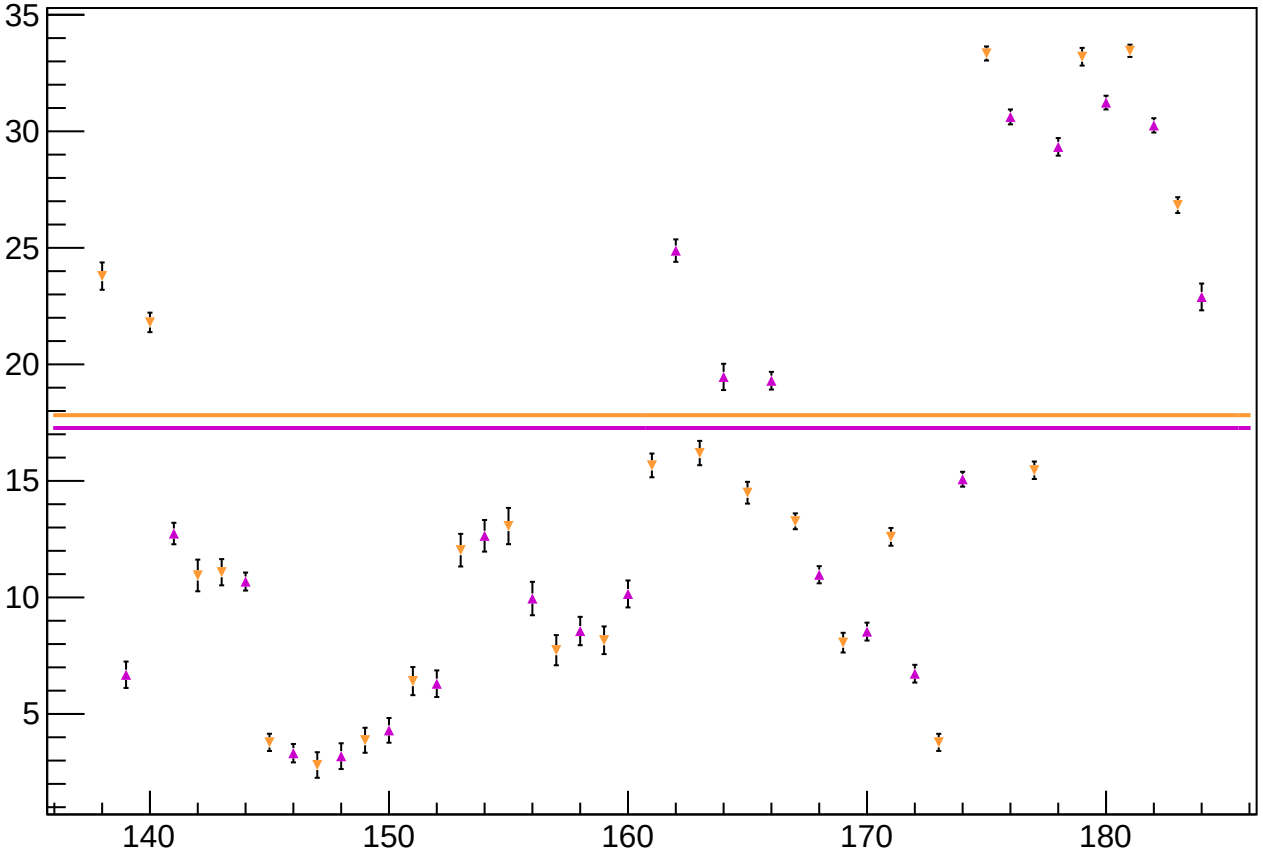
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.409+/-0.004 χ^2/NDF:561.9/22

Out: 0.410+/-0.004 χ^2/NDF:427.0/23

All: 0.410+/-0.003 χ^2/NDF: 988.9/46

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 17.820+/-0.088 χ^2/NDF:15258.6/23

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

Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

Left: 17.546+/-0.062 χ^2/NDF: 28170.0/46

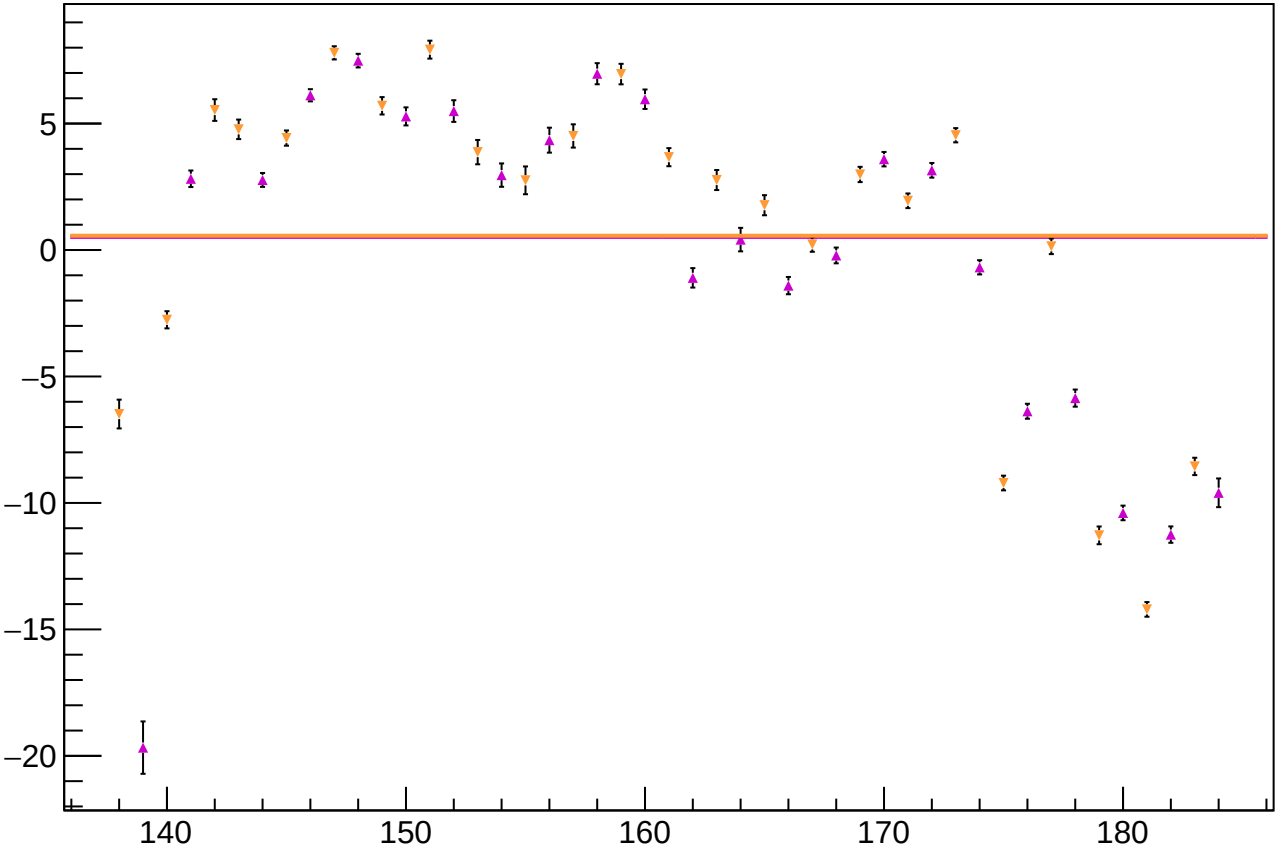
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 17.271+/-0.088 χ^2/NDF:12892.2/22

Out: 17.820+/-0.088 χ^2/NDF:15258.6/23

All: 17.546+/-0.062 χ^2/NDF: 28170.0/46

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: 0.565+/-0.070 χ^2/NDF:8453.0/23

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

Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

Left: 0.542+/-0.050 χ^2/NDF: 15230.0/46

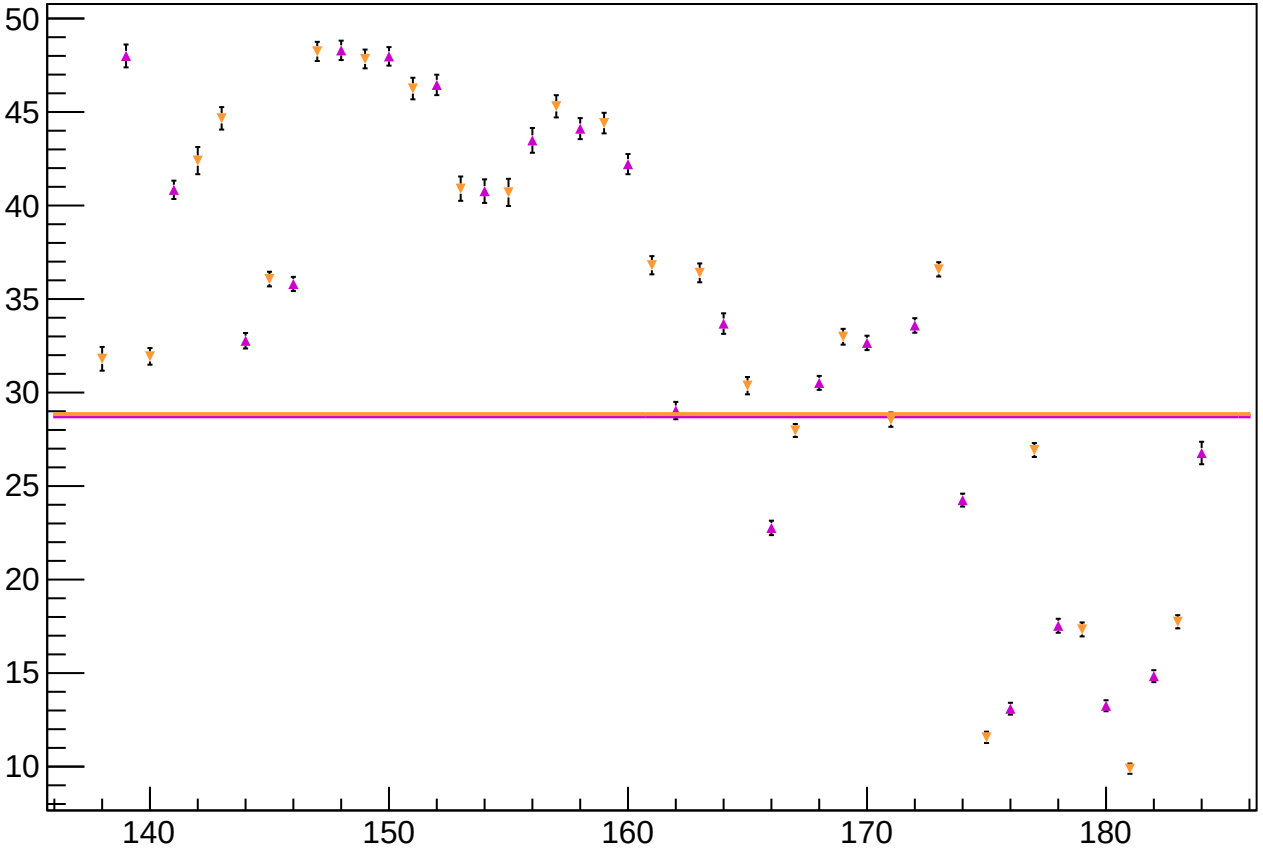
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.519+/-0.071 χ^2/NDF:6776.8/22

Out: 0.565+/-0.070 χ^2/NDF:8453.0/23

All: 0.542+/-0.050 χ^2/NDF: 15230.0/46

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: 28.848+/-0.089 χ^2/NDF:18422.7/23

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

Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

Left: 28.788+/-0.063 χ^2/NDF: 35461.1/46

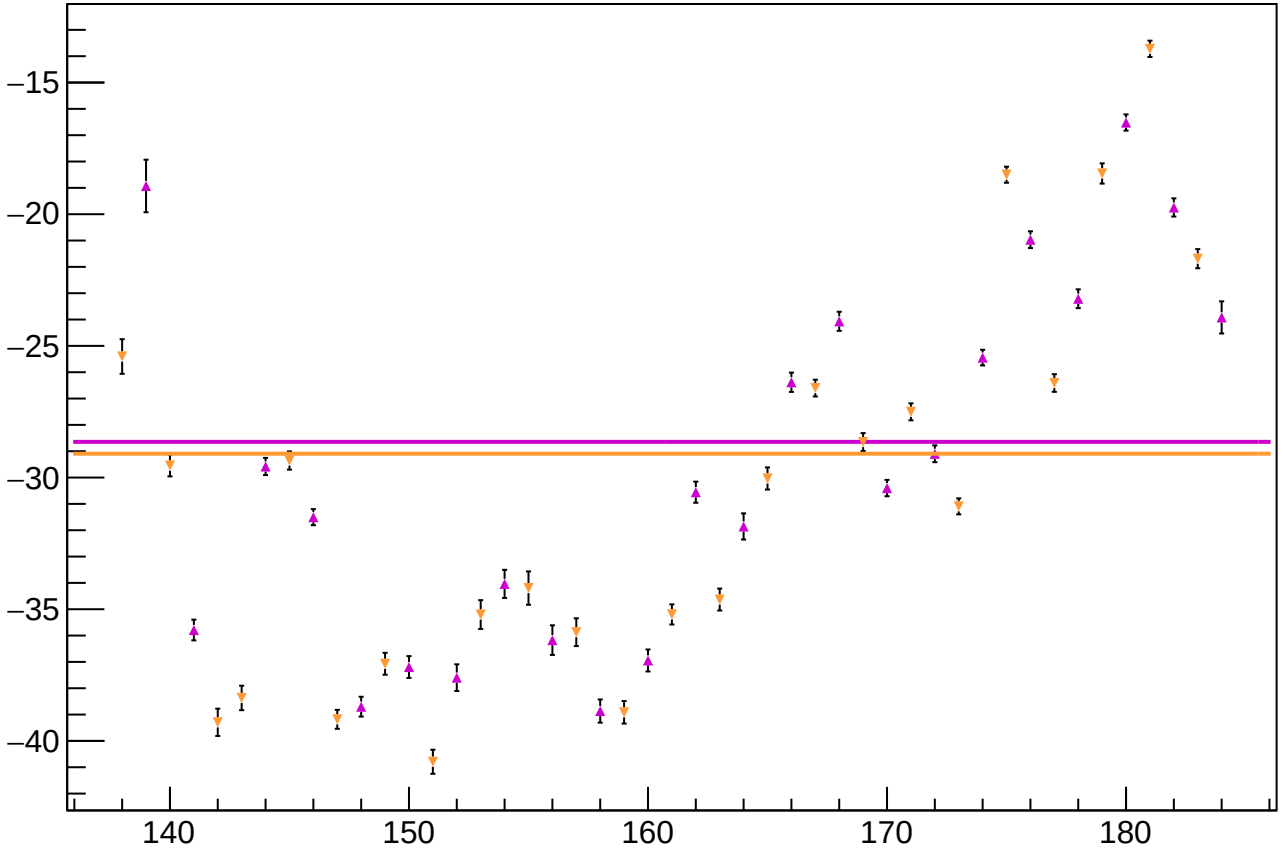
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 28.728+/-0.089 χ^2/NDF:17037.4/22

Out: 28.848+/-0.089 χ^2/NDF:18422.7/23

All: 28.788+/-0.063 χ^2/NDF: 35461.1/46

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: -29.095+/-0.079 χ^2/NDF:8985.7/23

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

Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

Left: -28.871+/-0.056 χ^2/NDF: 15695.3/46

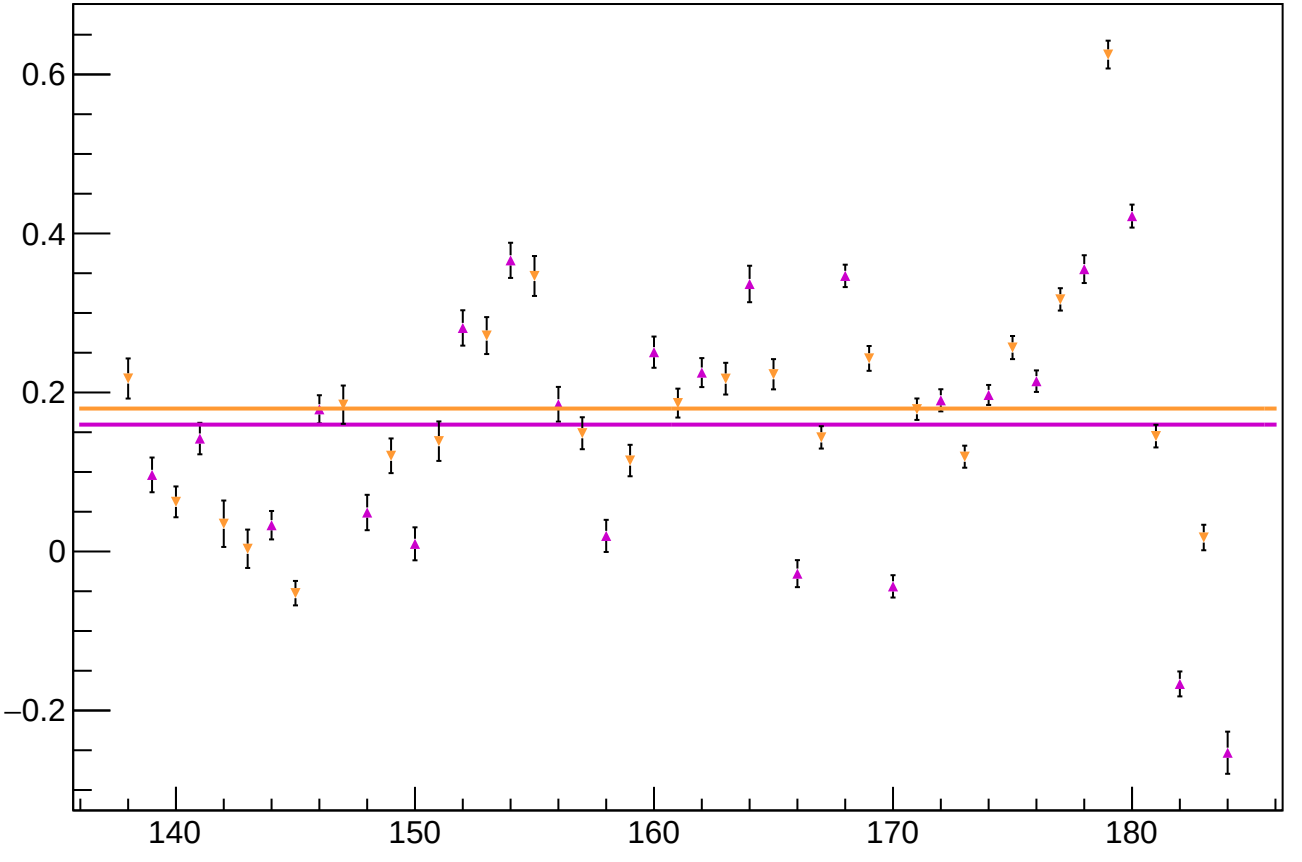
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -28.645+/-0.080 χ^2/NDF:6693.5/22

Out: -29.095+/-0.079 χ^2/NDF:8985.7/23

All: -28.871+/-0.056 χ^2/NDF: 15695.3/46

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: 0.180+/-0.004 χ^2/NDF:1357.8/23

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

Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

Left: 0.170+/-0.003 χ^2/NDF: 3437.0/46

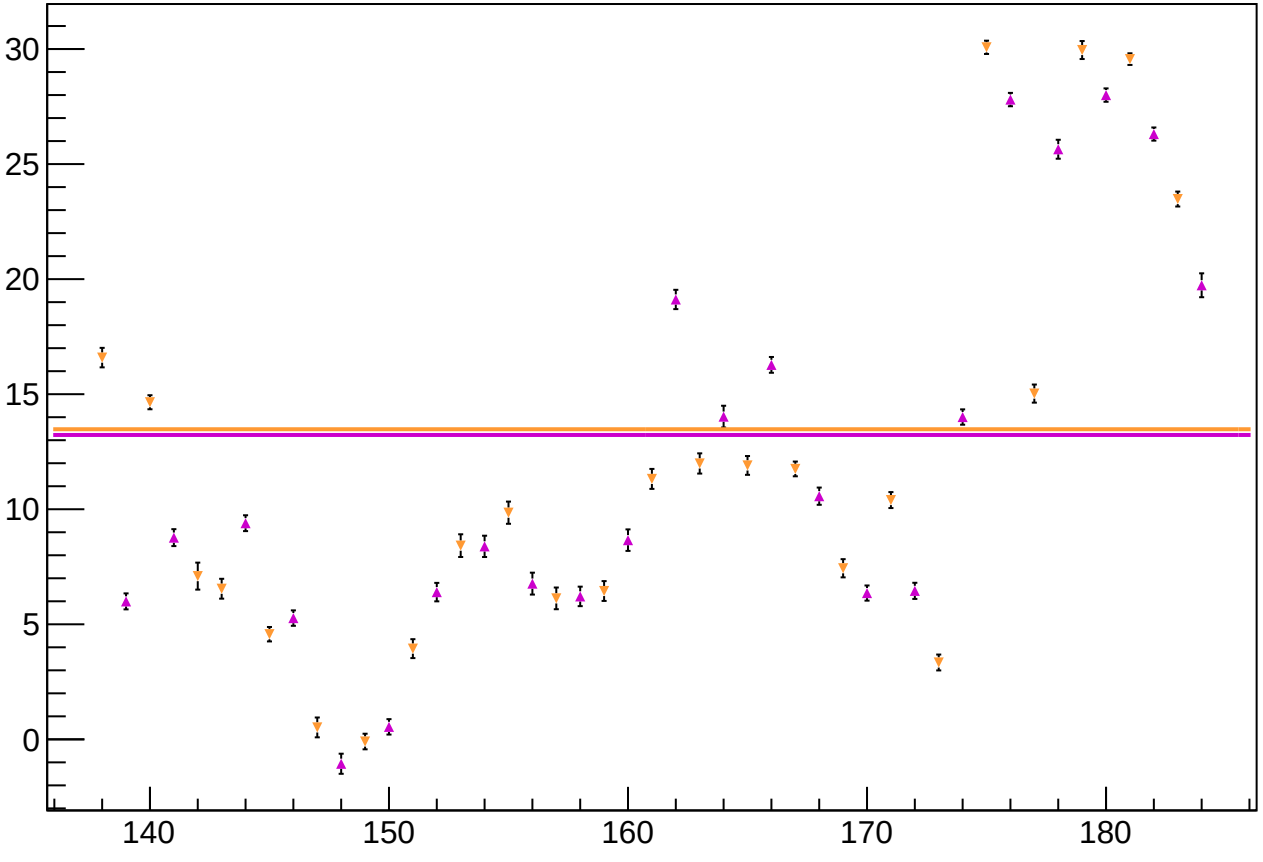
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.160+/-0.004 χ^2/NDF:2063.7/22

Out: 0.180+/-0.004 χ^2/NDF:1357.8/23

All: 0.170+/-0.003 χ^2/NDF: 3437.0/46

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 13.477+/-0.076 χ^2/NDF:16296.2/23

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

Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

Left: 13.353+/-0.054 χ^2/NDF: 30427.6/46

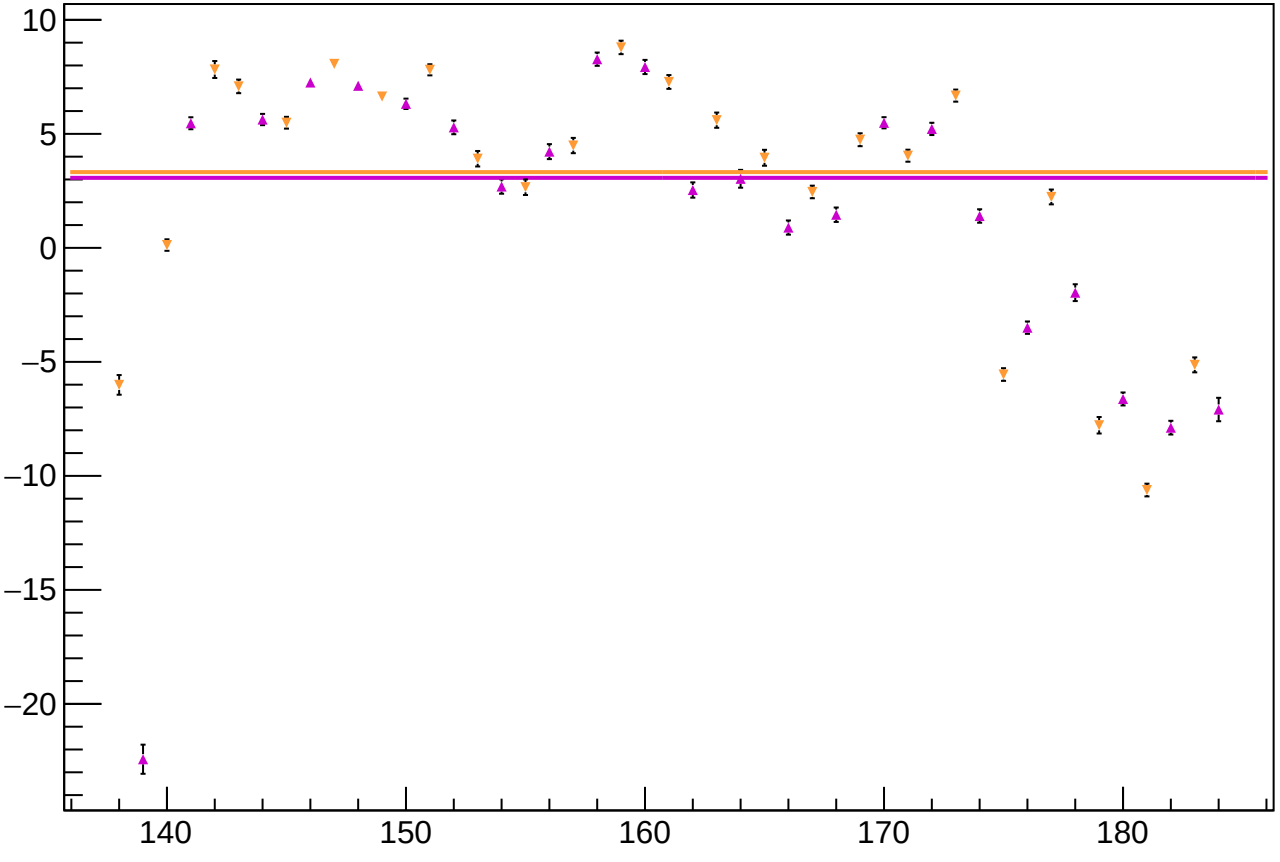
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.228+/-0.077 χ^2/NDF:14126.1/22

Out: 13.477+/-0.076 χ^2/NDF:16296.2/23

All: 13.353+/-0.054 χ^2/NDF: 30427.6/46

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: 3.323+/-0.059 χ^2/NDF:8009.1/23

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

Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

Left: 3.200+/-0.042 χ^2/NDF: 15287.1/46

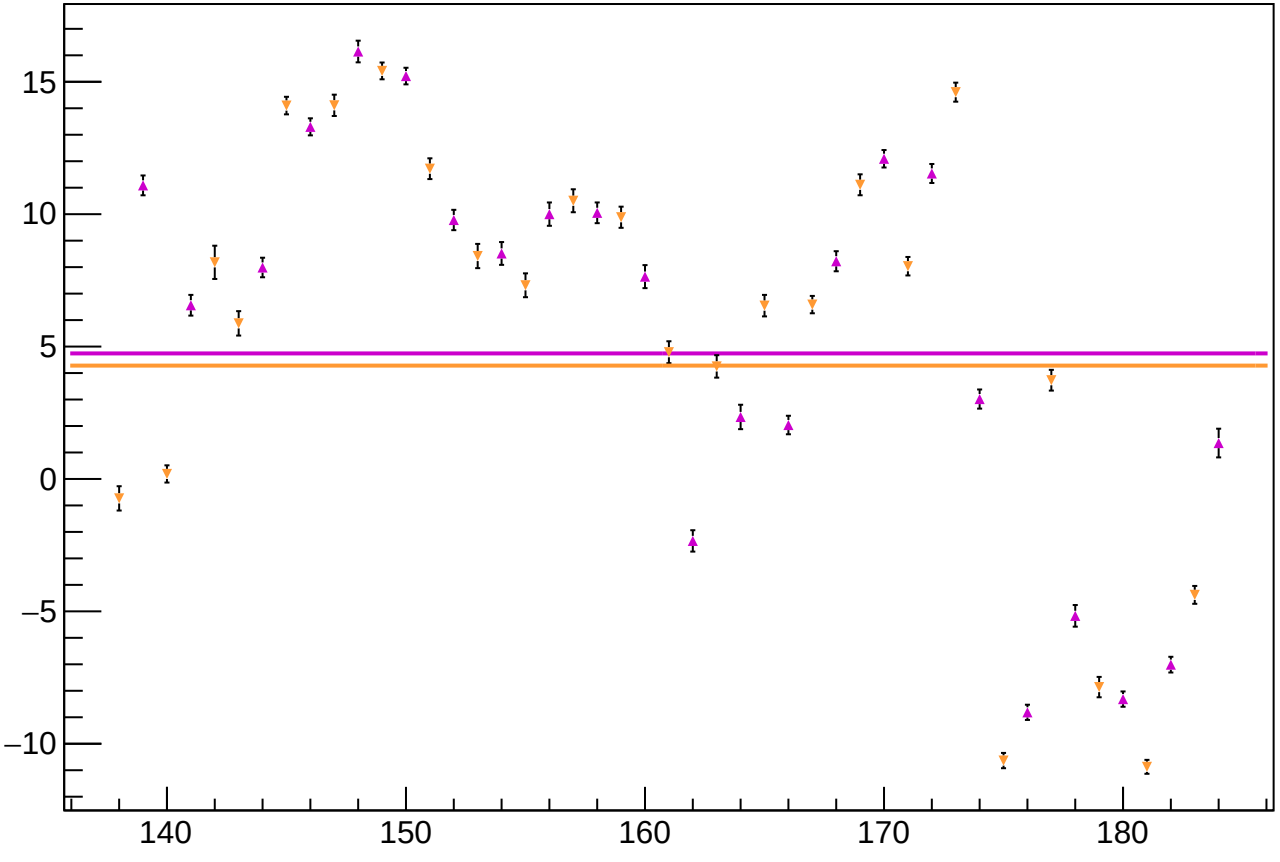
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.071+/-0.060 χ^2/NDF:7269.0/22

Out: 3.323+/-0.059 χ^2/NDF:8009.1/23

All: 3.200+/-0.042 χ^2/NDF: 15287.1/46

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 4.281+/-0.076 χ^2/NDF:12881.0/23

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

Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

Left: 4.511+/-0.054 χ^2/NDF: 24317.4/46

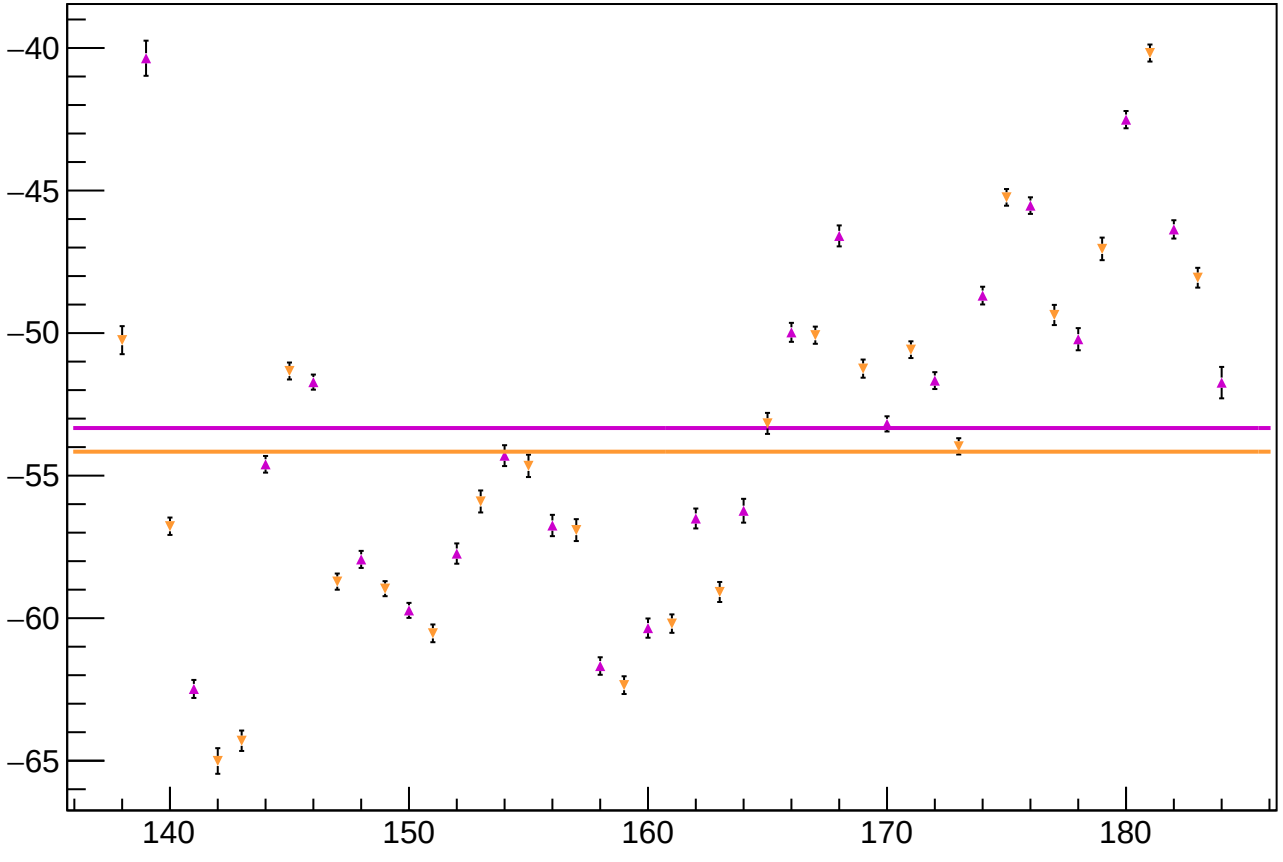
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.741+/-0.076 χ^2/NDF:11418.2/22

Out: 4.281+/-0.076 χ^2/NDF:12881.0/23

All: 4.511+/-0.054 χ^2/NDF: 24317.4/46

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -54.160+/-0.067 χ^2/NDF:8295.5/23

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

Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

Left: -53.752+/-0.048 χ^2/NDF: 15310.7/46

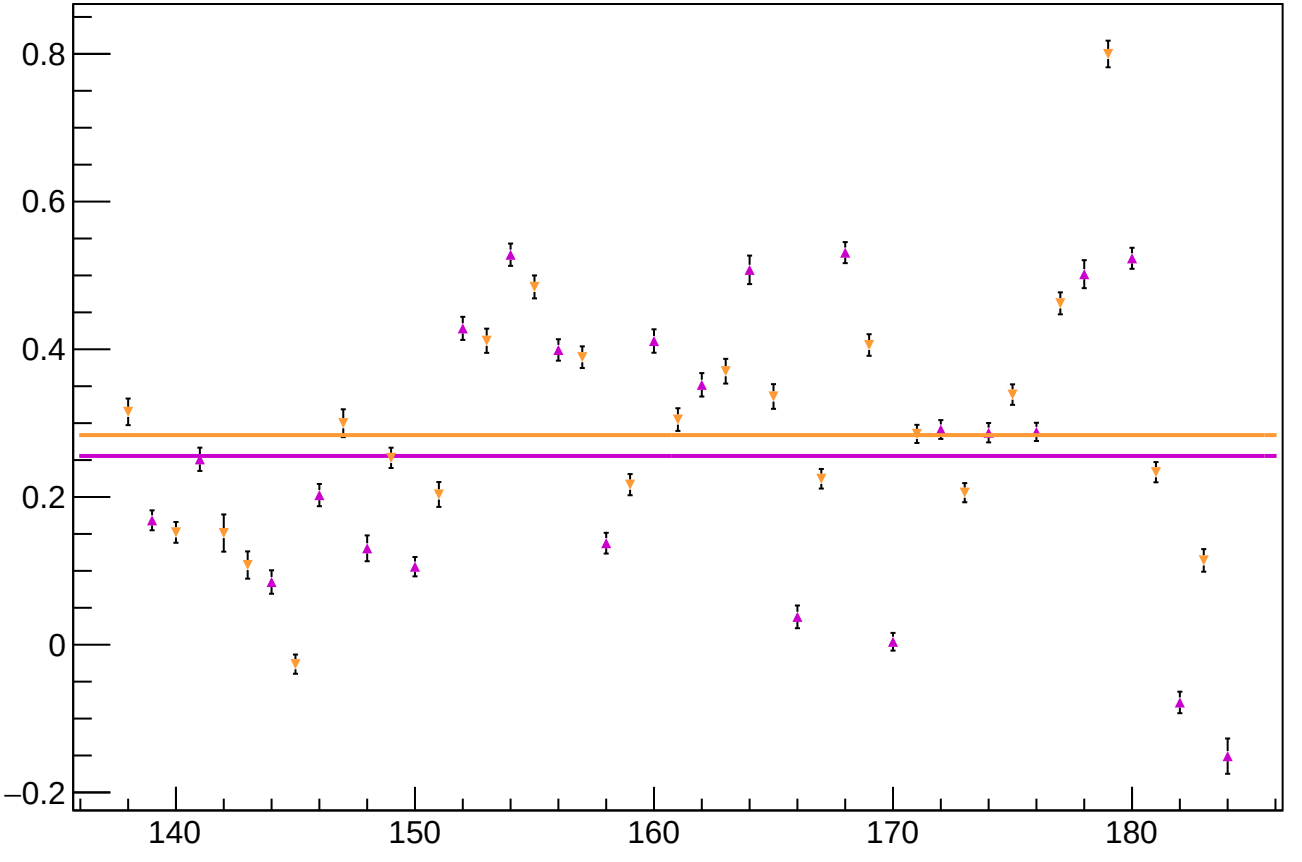
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -53.330+/-0.068 χ^2/NDF:6940.2/22

Out: -54.160+/-0.067 χ^2/NDF:8295.5/23

All: -53.752+/-0.048 χ^2/NDF: 15310.7/46

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: 0.284+/-0.003 χ^2/NDF:2386.6/23

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

Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

Left: 0.270+/-0.002 χ^2/NDF: 6072.2/46

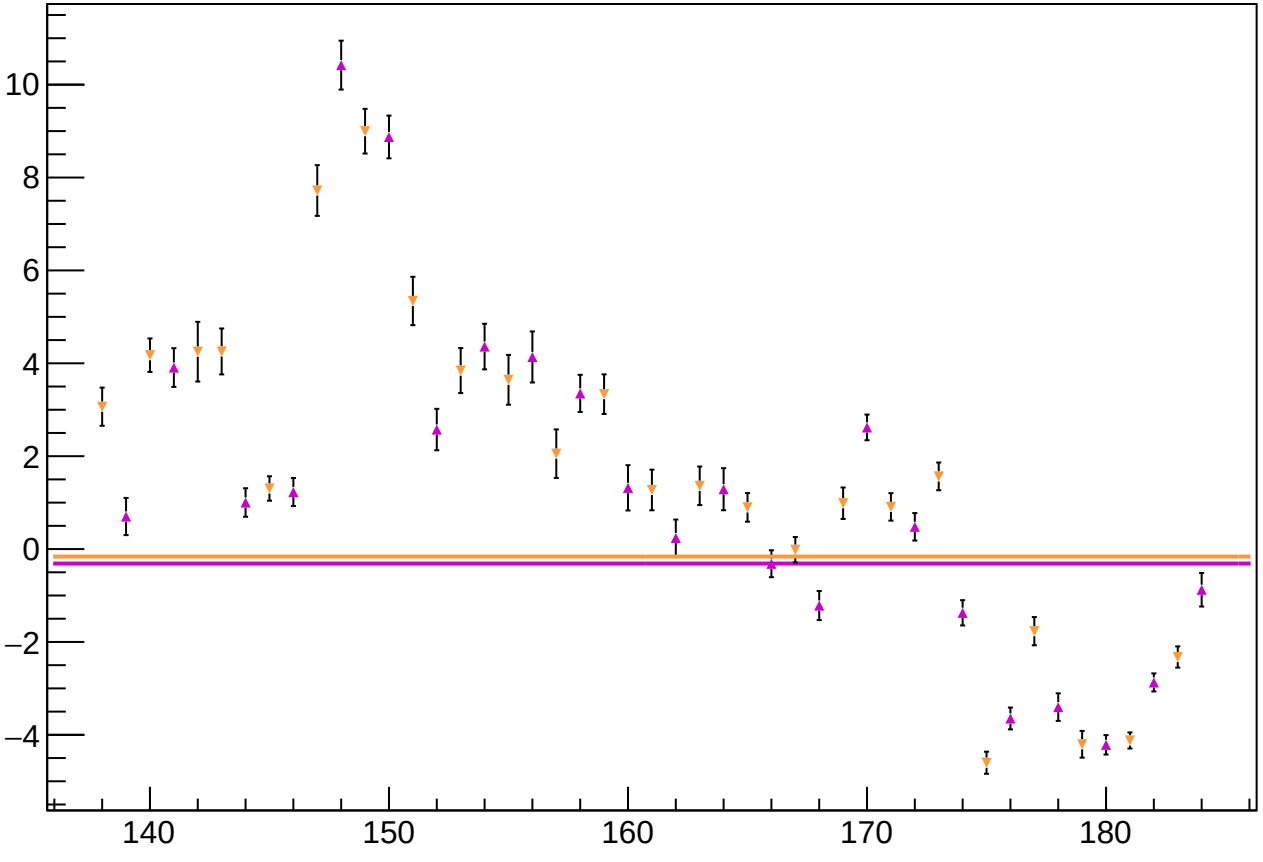
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.256+/-0.003 χ^2/NDF:3644.0/22

Out: 0.284+/-0.003 χ^2/NDF:2386.6/23

All: 0.270+/-0.002 χ^2/NDF: 6072.2/46

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.162+/-0.067 χ^2/NDF:2529.2/23

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

Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

Left: -0.237+/-0.047 χ^2/NDF: 4784.4/46

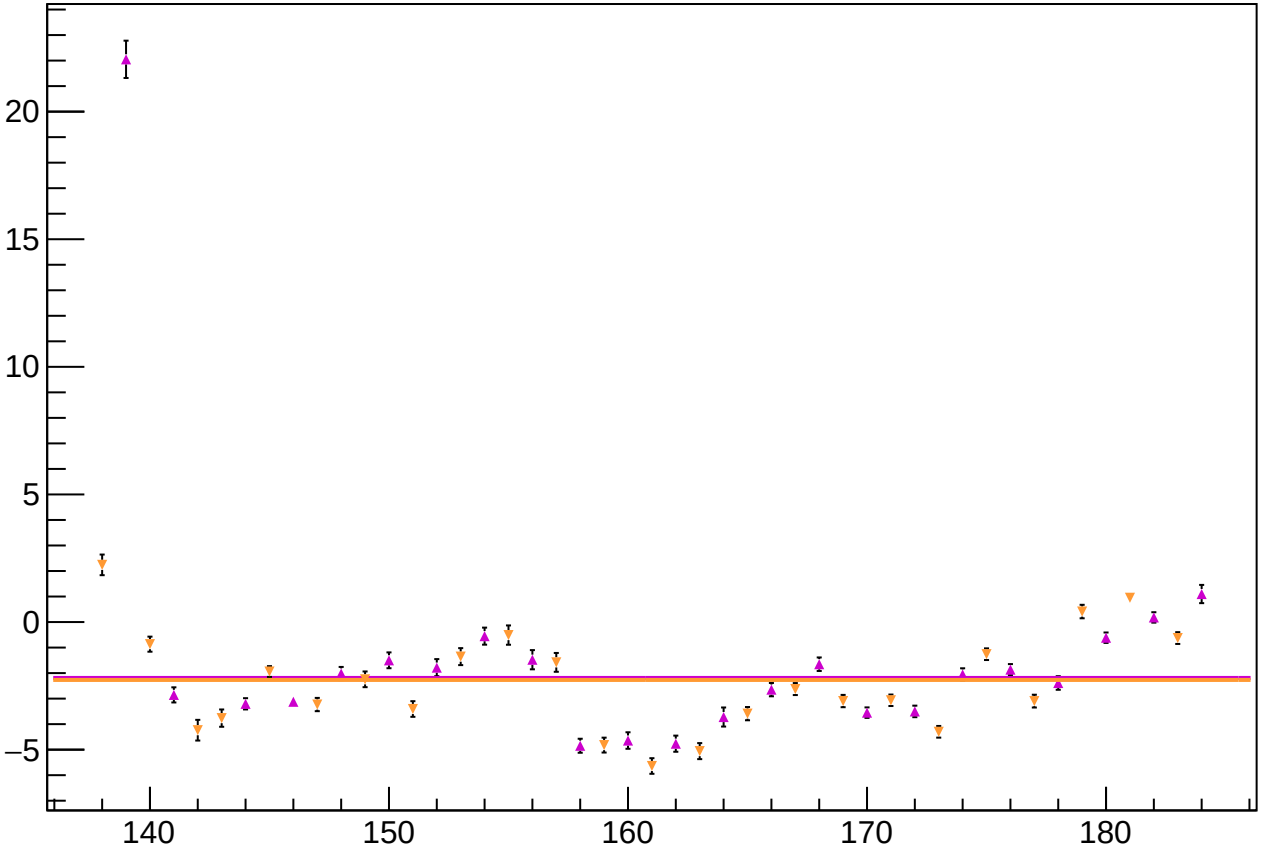
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.312+/-0.067 χ^2/NDF:2252.6/22

Out: -0.162+/-0.067 χ^2/NDF:2529.2/23

All: -0.237+/-0.047 χ^2/NDF: 4784.4/46

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -2.268+/-0.055 χ^2/NDF:1129.3/23

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

Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

Left: -2.229+/-0.039 χ^2/NDF: 2915.4/46

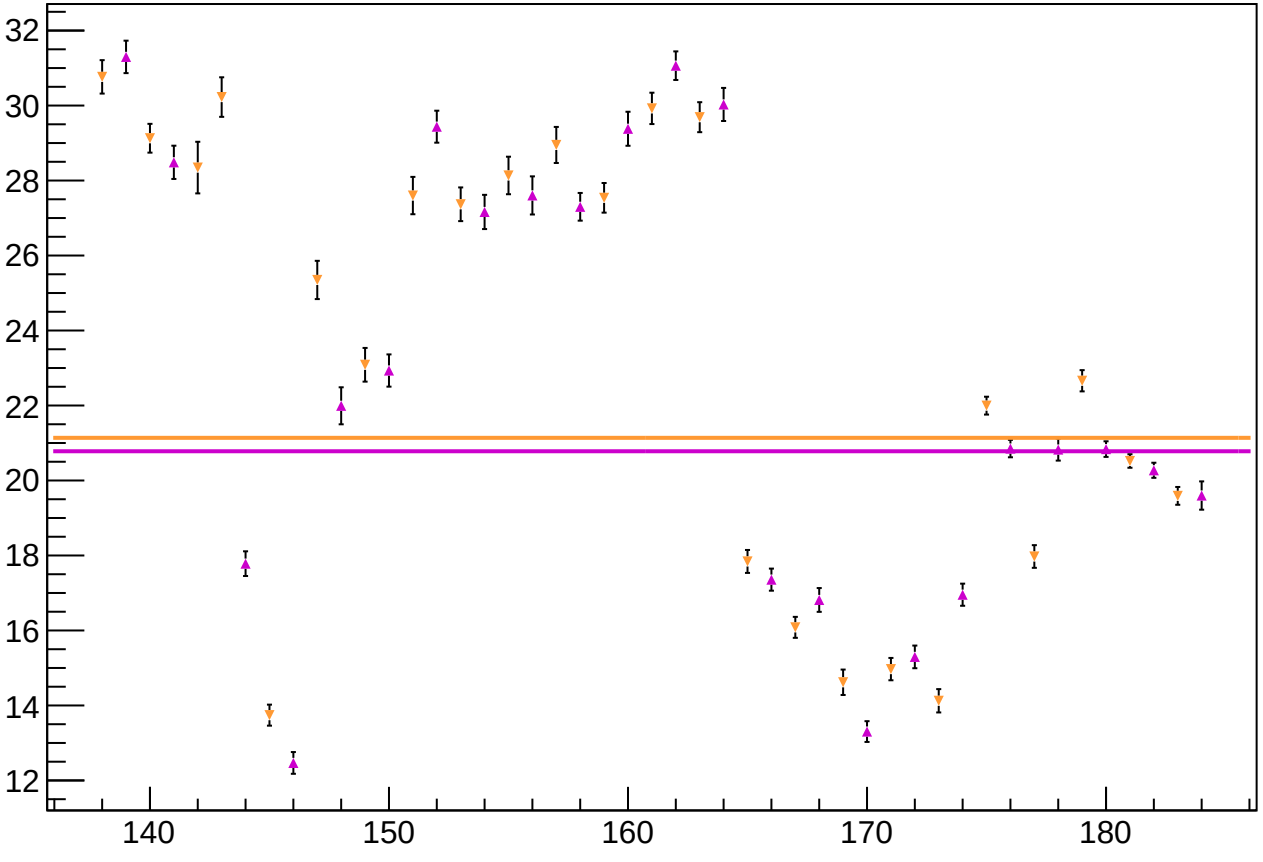
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.190+/-0.055 χ^2/NDF:1785.1/22

Out: -2.268+/-0.055 χ^2/NDF:1129.3/23

All: -2.229+/-0.039 χ^2/NDF: 2915.4/46

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 21.138+/-0.068 χ^2/NDF:6025.2/23

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

Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

Left: 20.958+/-0.048 χ^2/NDF: 12027.4/46

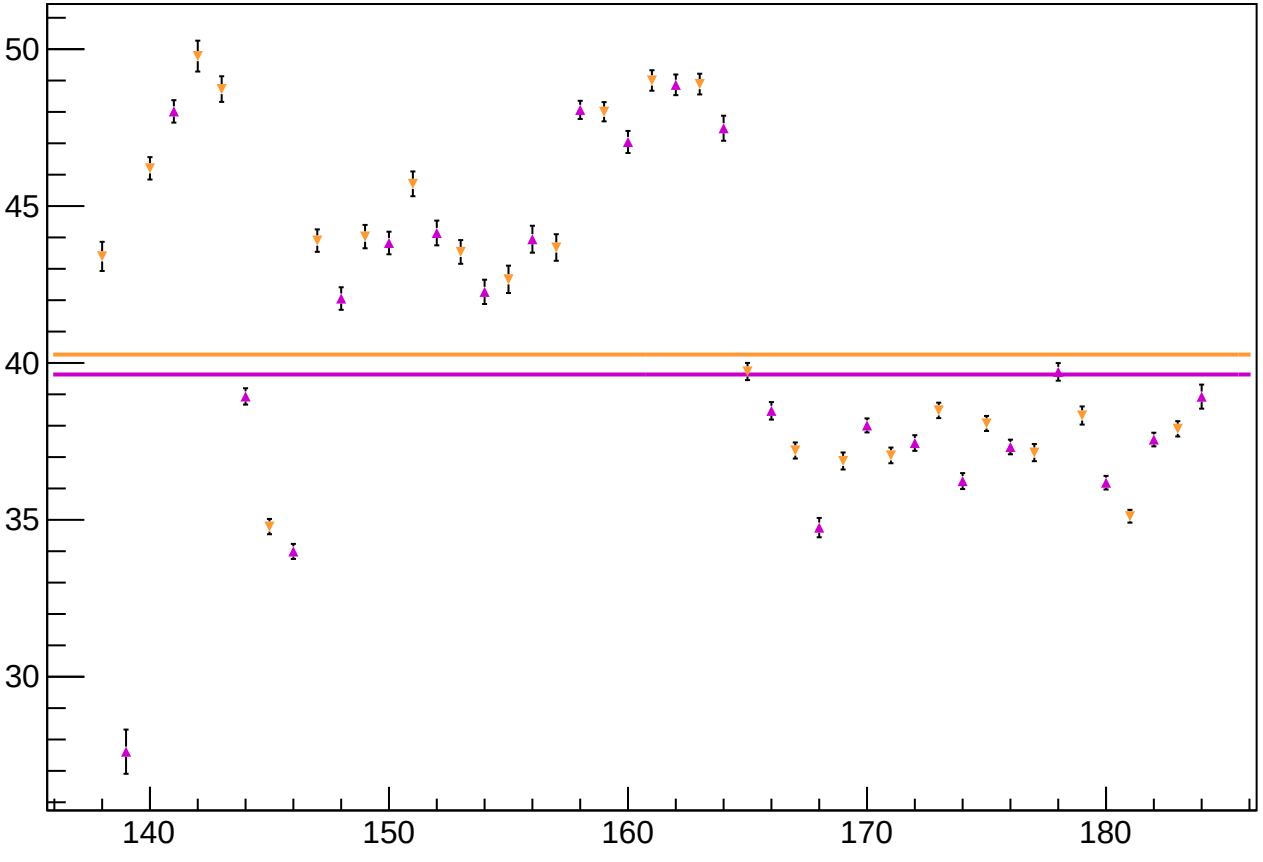
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 20.780+/-0.067 χ^2/NDF:5988.0/22

Out: 21.138+/-0.068 χ^2/NDF:6025.2/23

All: 20.958+/-0.048 χ^2/NDF: 12027.4/46

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: 40.267+/-0.061 χ^2/NDF:5736.8/23

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

Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

Left: 39.949+/-0.043 χ^2/NDF: 11133.8/46

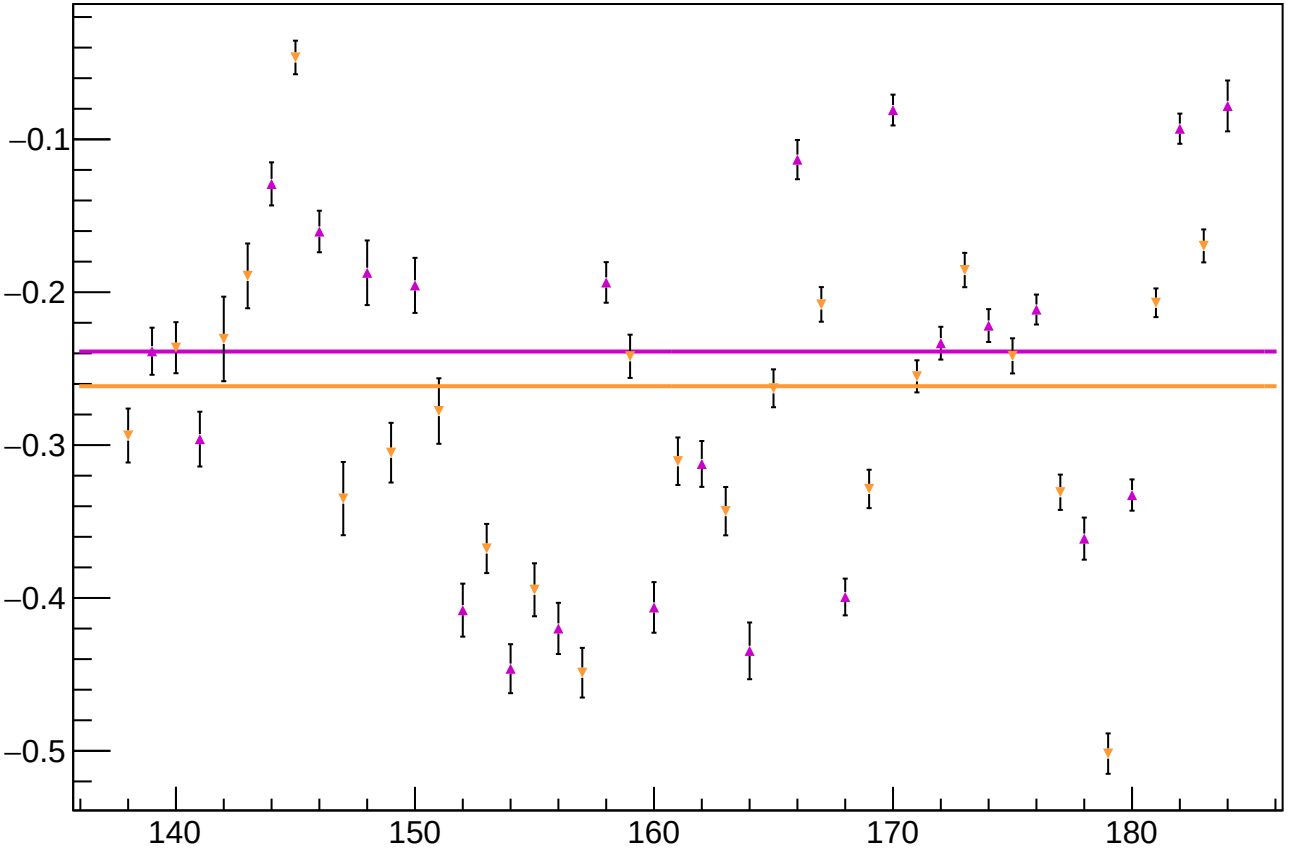
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 39.632+/-0.061 χ^2/NDF:5343.3/22

Out: 40.267+/-0.061 χ^2/NDF:5736.8/23

All: 39.949+/-0.043 χ^2/NDF: 11133.8/46

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.261+/-0.003 χ^2/NDF:1264.1/23

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

Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

Left: -0.250+/-0.002 χ^2/NDF: 3047.3/46

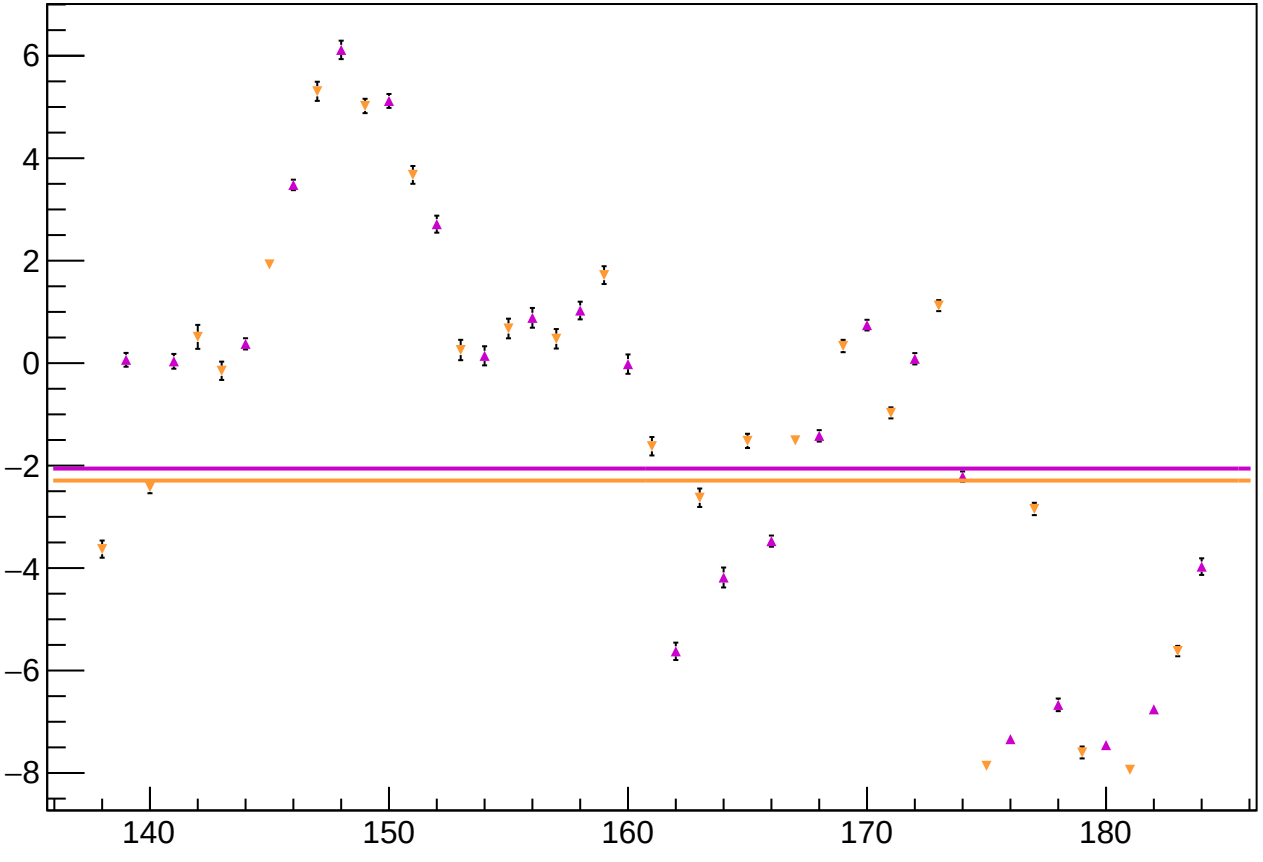
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.239+/-0.003 χ^2/NDF:1750.0/22

Out: -0.261+/-0.003 χ^2/NDF:1264.1/23

All: -0.250+/-0.002 χ^2/NDF: 3047.3/46

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -2.292+/-0.026 χ^2/NDF:23263.8/23

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

Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

Left: -2.175+/-0.018 χ^2/NDF: 46648.3/46

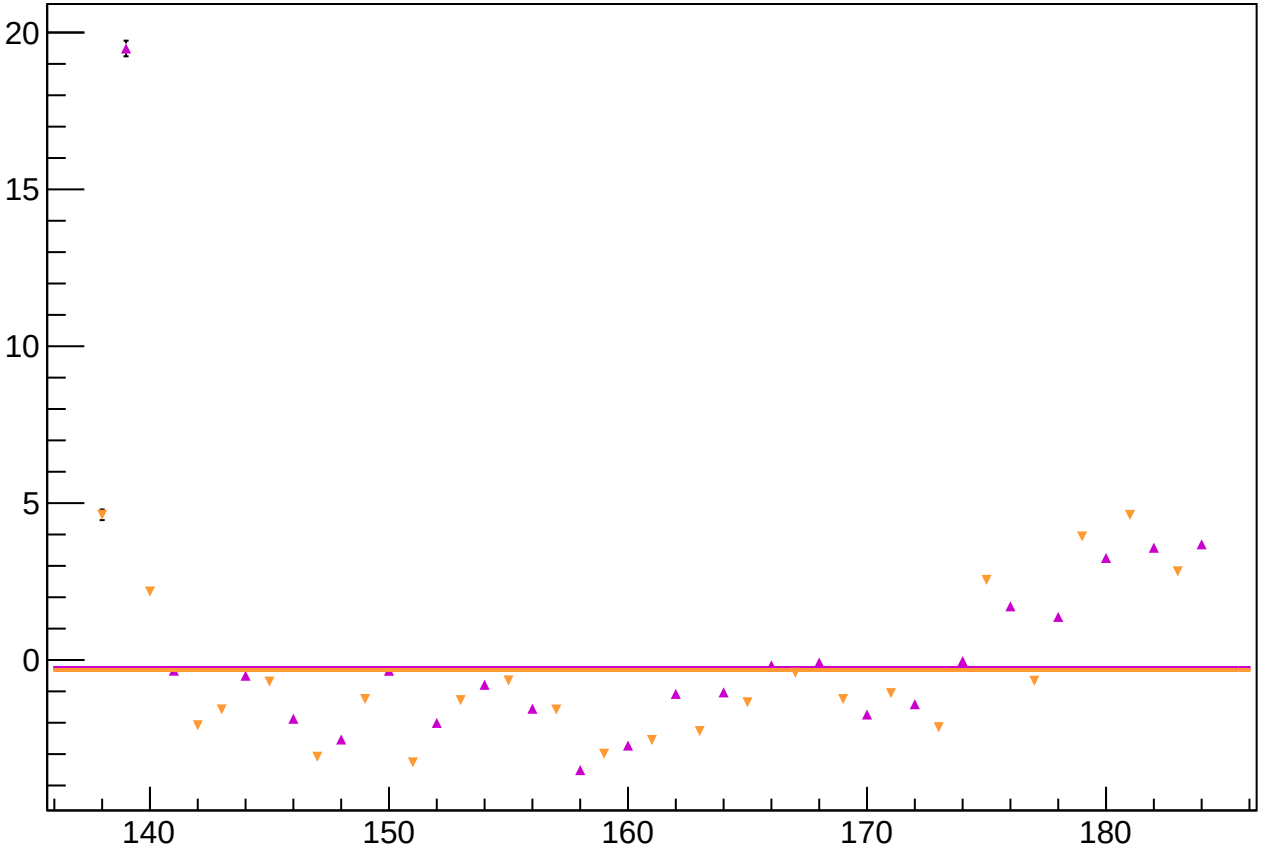
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.058+/-0.026 χ^2/NDF:23343.8/22

Out: -2.292+/-0.026 χ^2/NDF:23263.8/23

All: -2.175+/-0.018 χ^2/NDF: 46648.3/46

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -0.319+/-0.021 χ^2/NDF:12533.1/23

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

Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

Left: -0.287+/-0.015 χ^2/NDF: 26699.7/46

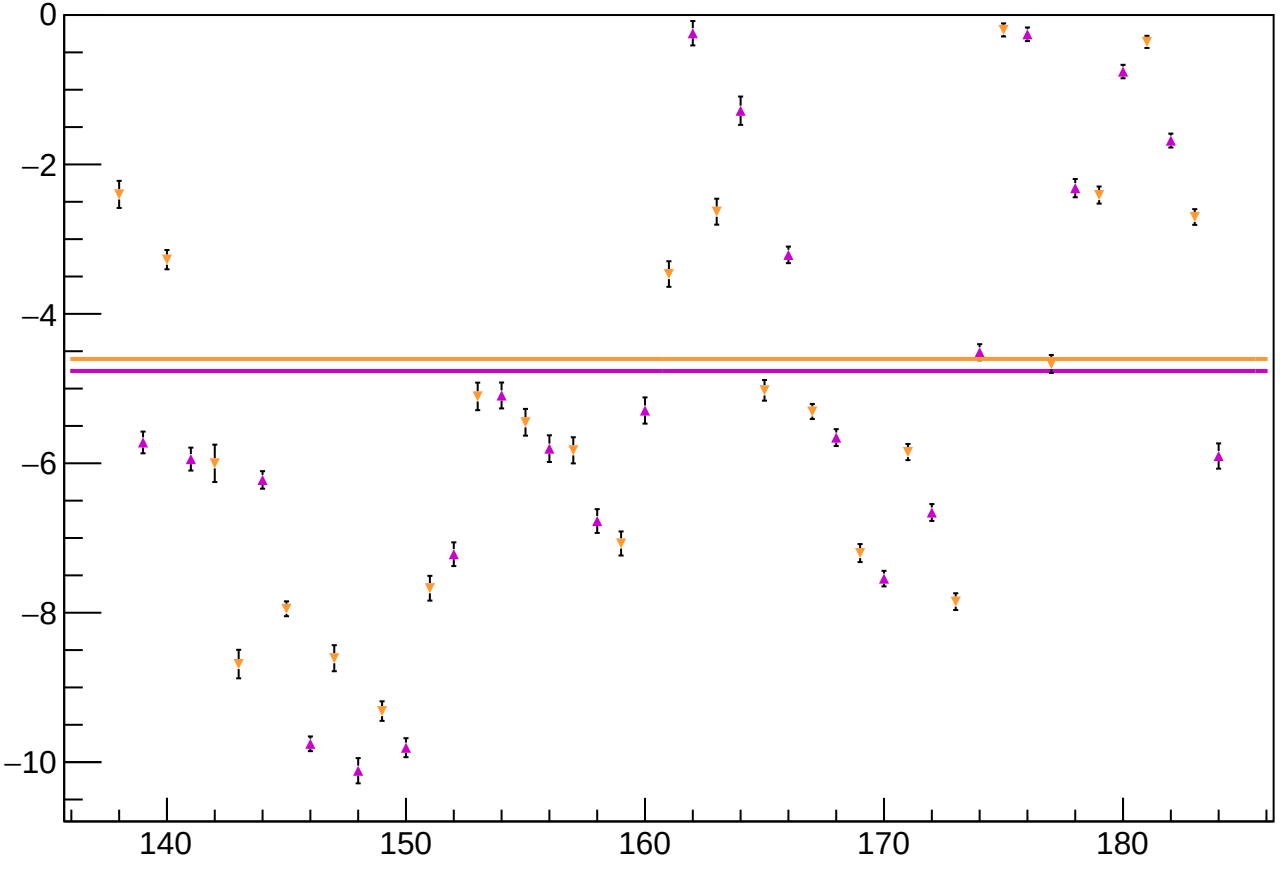
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.255+/-0.021 χ^2/NDF:14162.0/22

Out: -0.319+/-0.021 χ^2/NDF:12533.1/23

All: -0.287+/-0.015 χ^2/NDF: 26699.7/46

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: -4.604+/-0.026 χ^2/NDF:11965.3/23

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

Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

Left: -4.684+/-0.018 χ^2/NDF: 26147.5/46

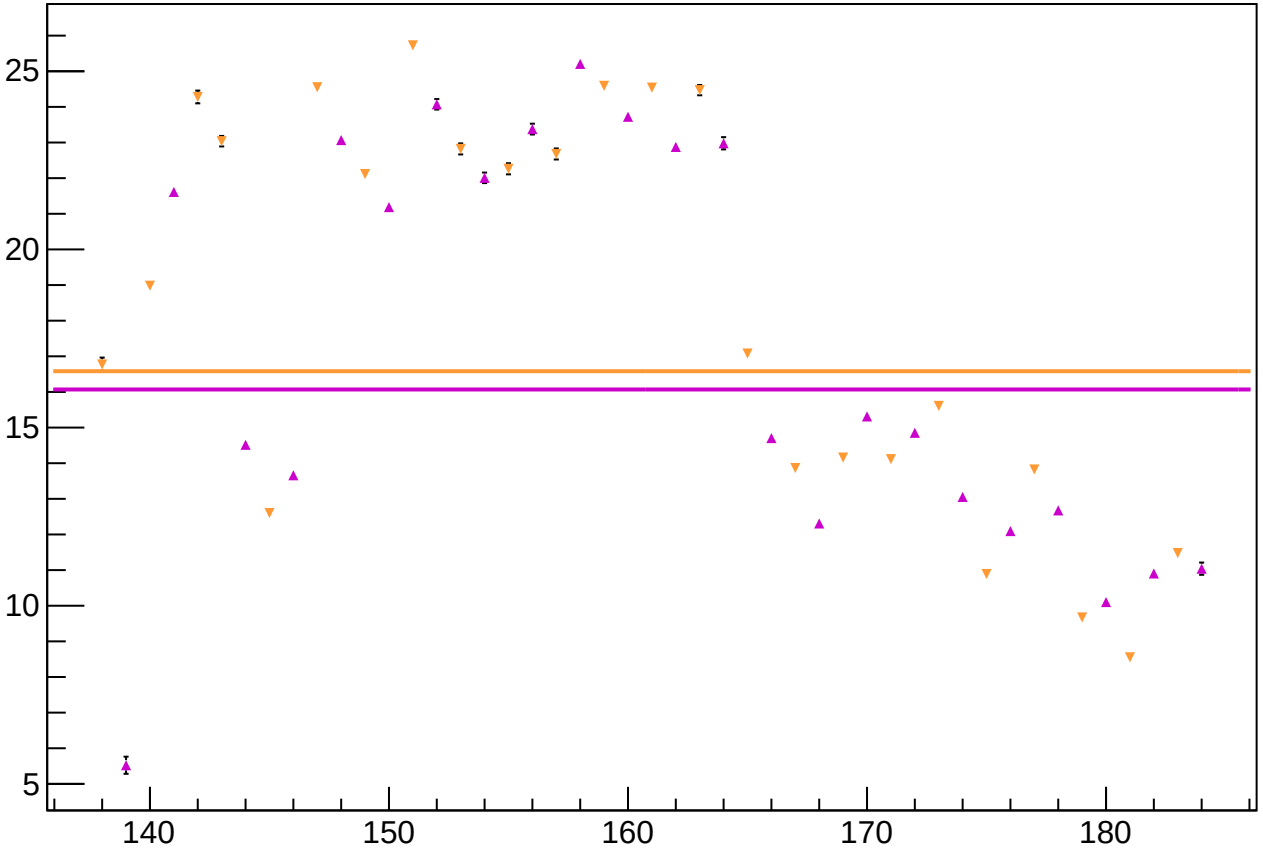
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -4.764+/-0.026 χ^2/NDF:14163.2/22

Out: -4.604+/-0.026 χ^2/NDF:11965.3/23

All: -4.684+/-0.018 χ^2/NDF: 26147.5/46

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 16.582+/-0.023 χ^2/NDF:53351.3/23

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

Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

Left: 16.326+/-0.017 χ^2/NDF: 96326.9/46

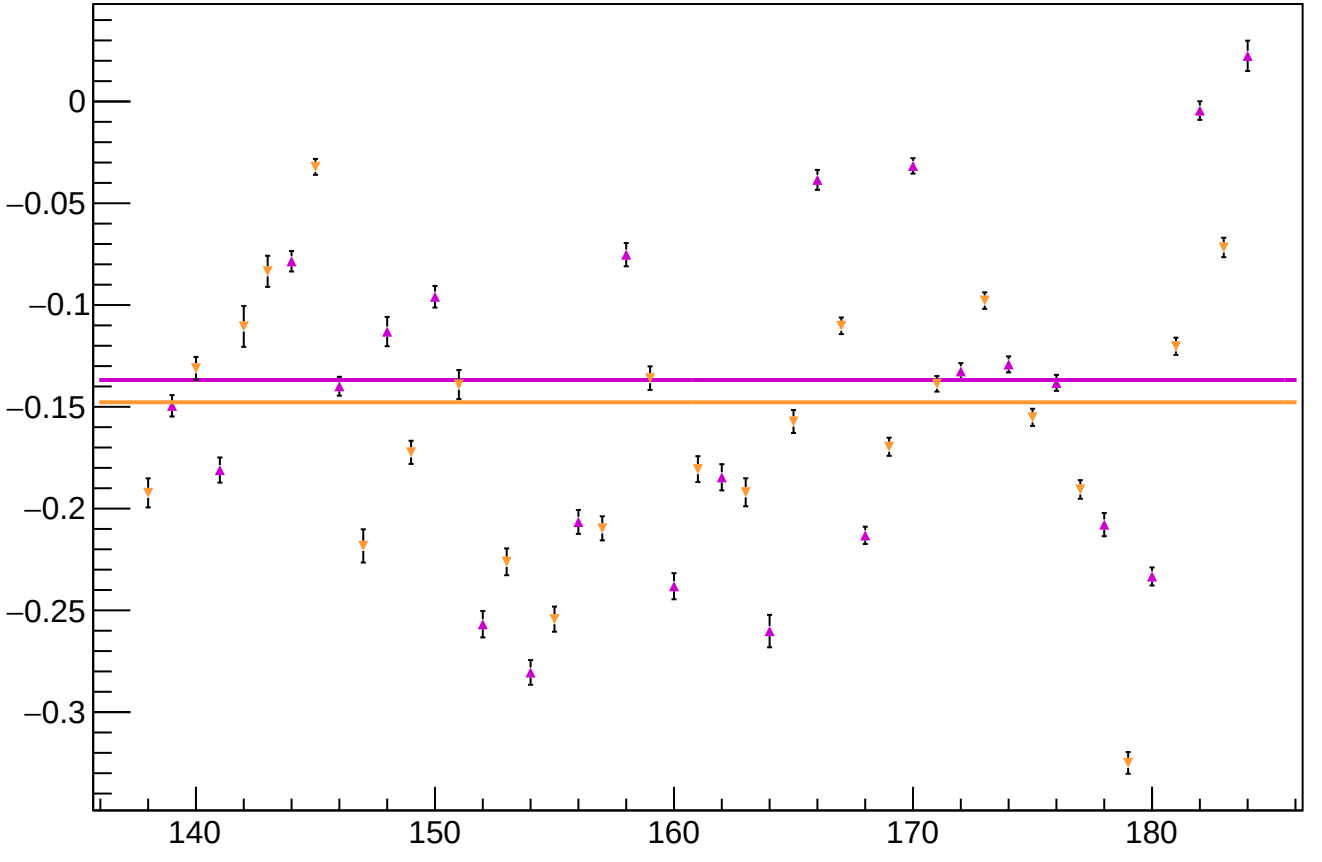
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.069+/-0.023 χ^2/NDF:42736.3/22

Out: 16.582+/-0.023 χ^2/NDF:53351.3/23

All: 16.326+/-0.017 χ^2/NDF: 96326.9/46

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: -0.148+/-0.001 χ^2/NDF:3479.5/23

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

Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

Left: -0.142+/-0.001 χ^2/NDF: 8915.3/46

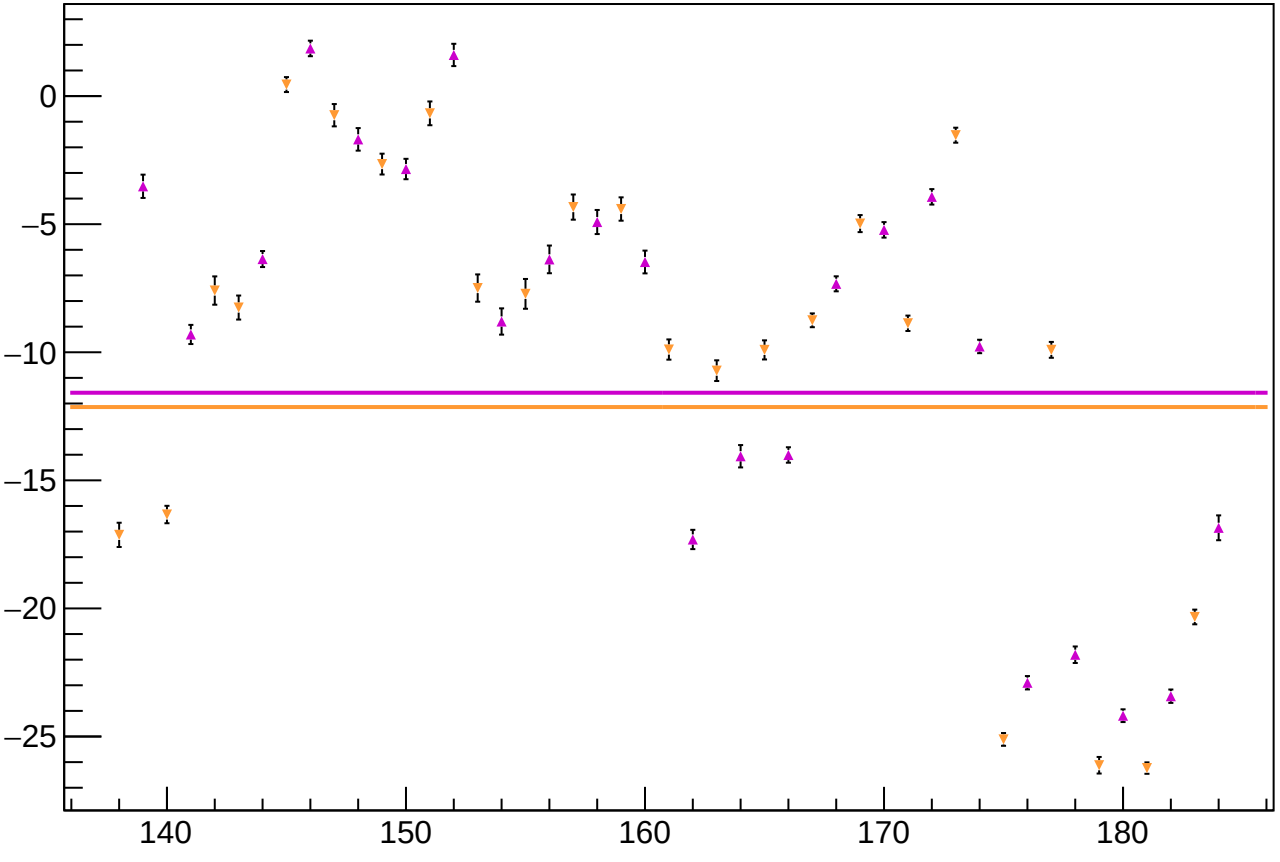
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.137+/-0.001 χ^2/NDF:5383.4/22

Out: -0.148+/-0.001 χ^2/NDF:3479.5/23

All: -0.142+/-0.001 χ^2/NDF: 8915.3/46

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: -12.139+/-0.071 χ^2/NDF:16333.1/23

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

Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

Left: -11.860+/-0.050 χ^2/NDF: 30607.5/46

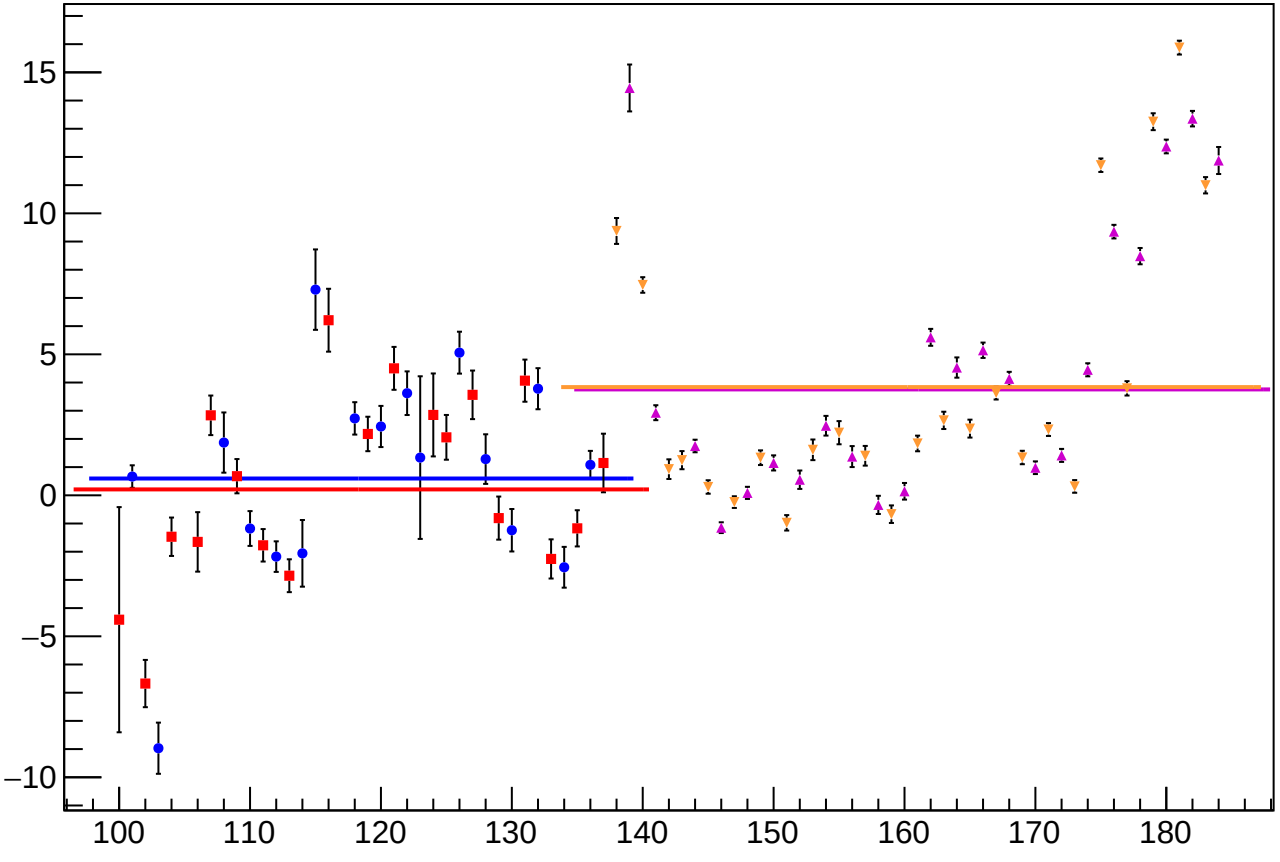
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.580+/-0.071 χ^2/NDF:14243.6/22

Out: -12.139+/-0.071 χ^2/NDF:16333.1/23

All: -11.860+/-0.050 χ^2/NDF: 30607.5/46

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: 3.838+/-0.056 χ^2/NDF:7332.6/23

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

Left: 3.797+/-0.040 χ^2/NDF: 12988.9/46

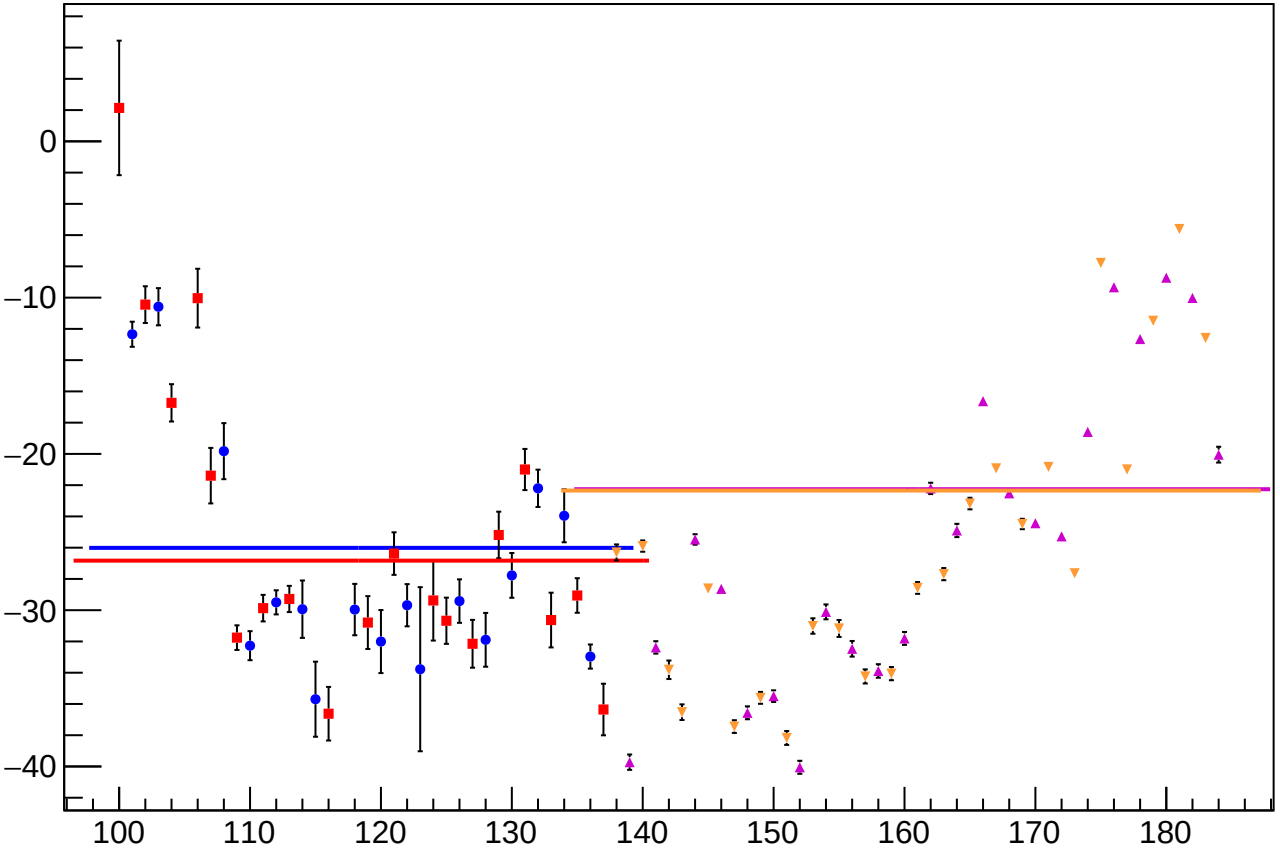
Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 3.438+/-0.054 χ^2/NDF:6260.9/39

Out: 3.498+/-0.053 χ^2/NDF:7997.3/42

All: 3.468+/-0.038 χ^2/NDF: 14258.8/82

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: -22.344+/-0.071 χ^2/NDF:19363.1/23

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

Left: -22.301+/-0.050 χ^2/NDF: 37202.1/46

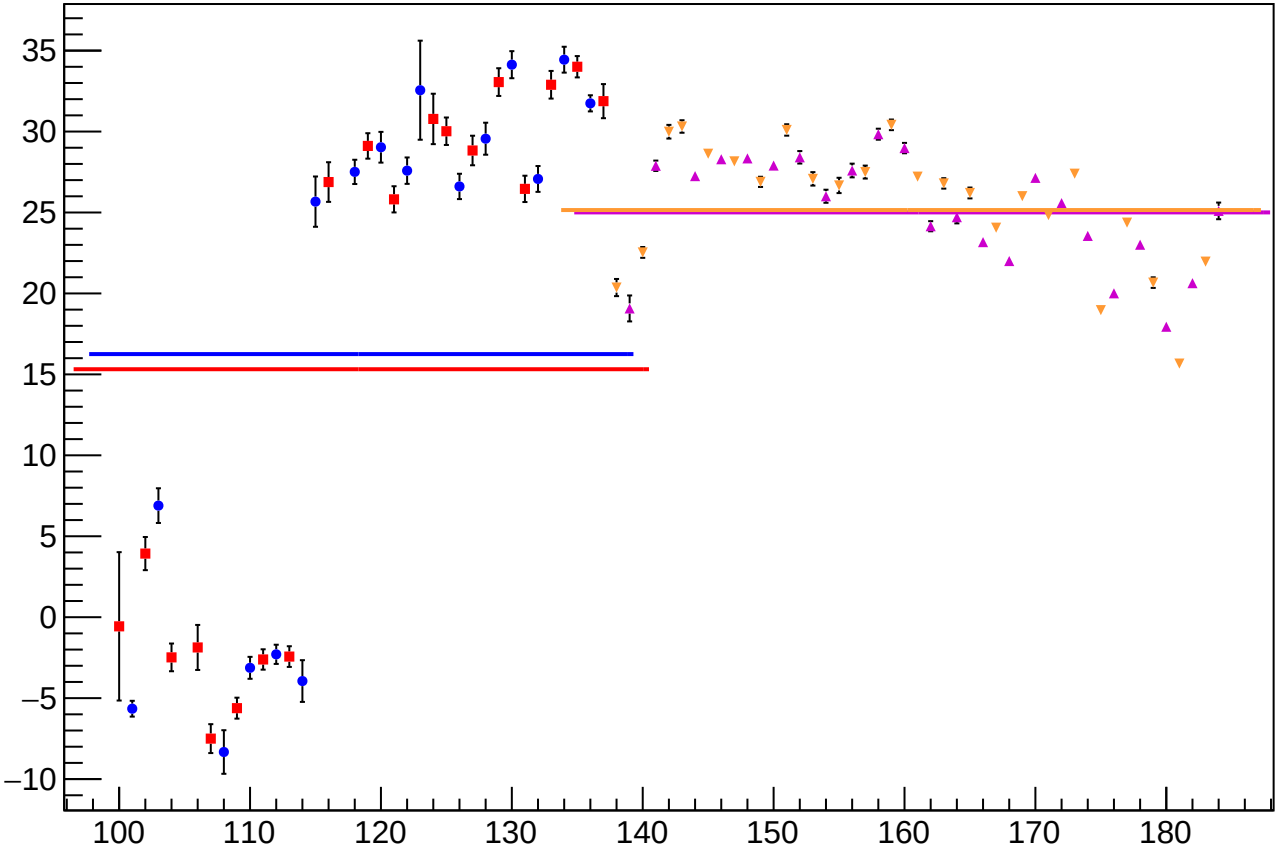
Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -22.460+/-0.069 χ^2/NDF:18679.8/39

Out: -22.589+/-0.070 χ^2/NDF:20159.5/42

All: -22.524+/-0.049 χ^2/NDF: 38841.1/82

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: 25.150+/-0.063 χ^2/NDF:3679.7/23

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

Left: 25.078+/-0.045 χ^2/NDF: 6416.0/46

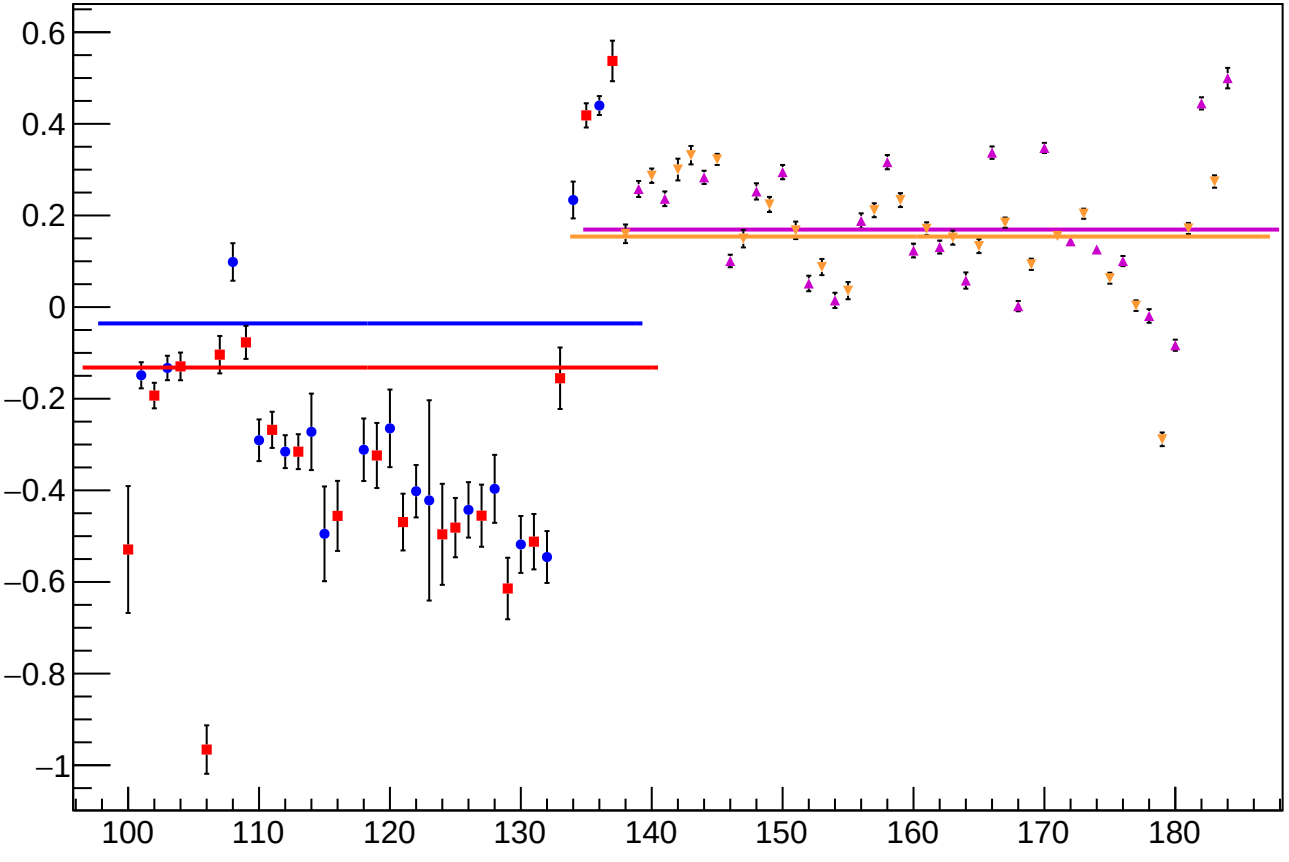
Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 24.131+/-0.060 χ^2/NDF:12234.5/39

Out: 24.230+/-0.060 χ^2/NDF:13217.9/42

All: 24.181+/-0.043 χ^2/NDF: 25453.8/82

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: 0.154+/-0.003 χ^2/NDF:1736.5/23

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

Left: 0.162+/-0.002 χ^2/NDF: 4181.0/46

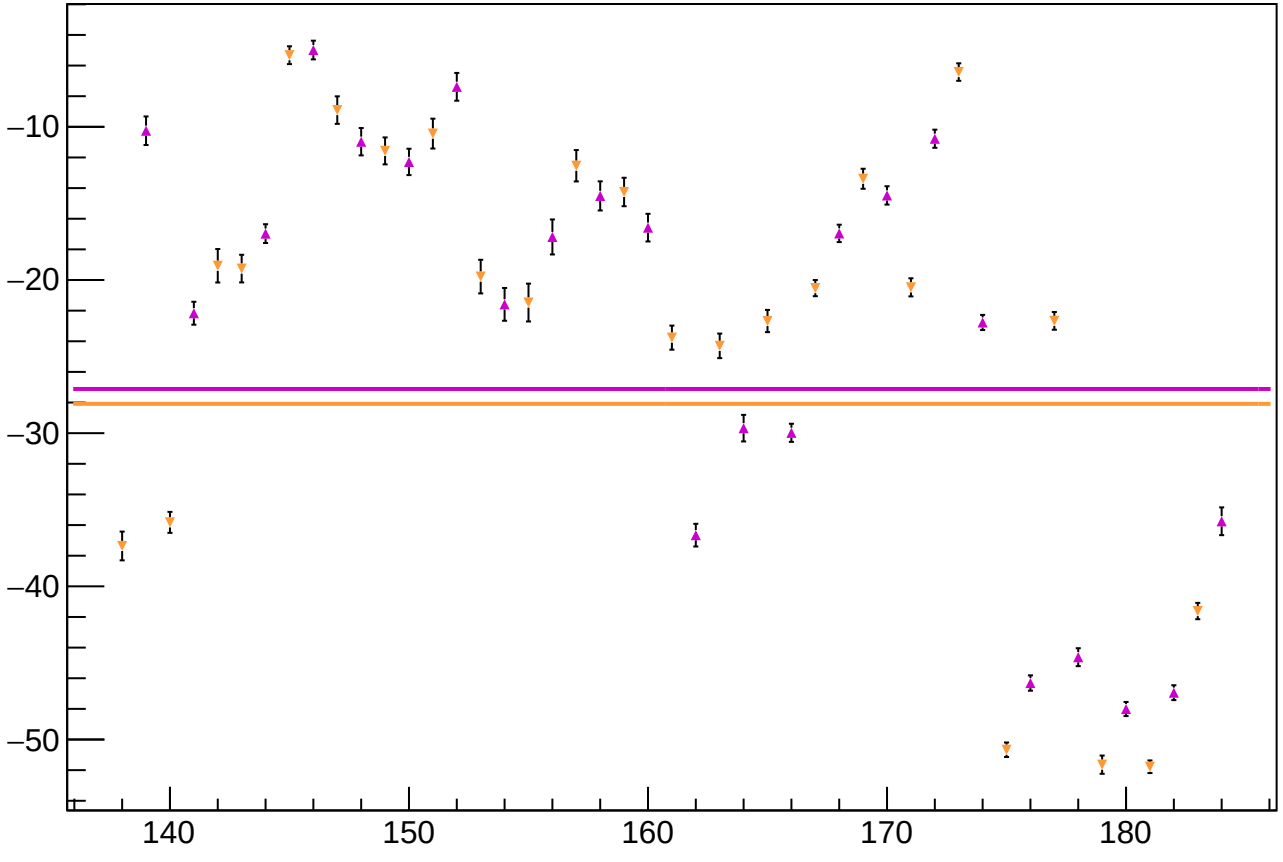
Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.154+/-0.003 χ^2/NDF:3810.9/39

Out: 0.133+/-0.003 χ^2/NDF:3613.5/42

All: 0.144+/-0.002 χ^2/NDF: 7452.8/82

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -28.085+/-0.139 χ^2/NDF:13873.8/23

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

Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

Left: -27.600+/-0.098 χ^2/NDF: 25342.1/46

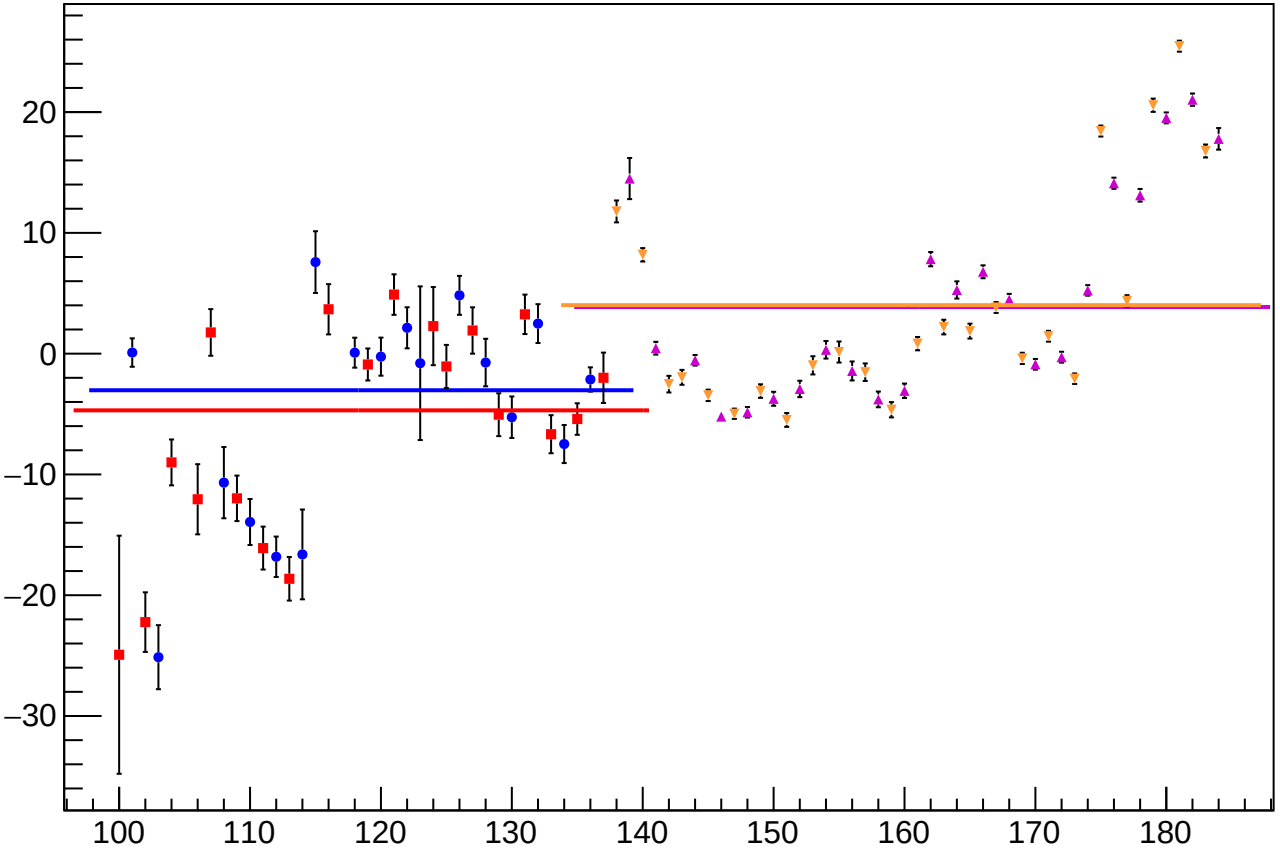
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -27.114+/-0.139 χ^2/NDF:11443.8/22

Out: -28.085+/-0.139 χ^2/NDF:13873.8/23

All: -27.600+/-0.098 χ^2/NDF: 25342.1/46

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: 4.017+/-0.110 χ^2/NDF:6812.1/23

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

Left: 3.939+/-0.078 χ^2/NDF: 12251.5/46

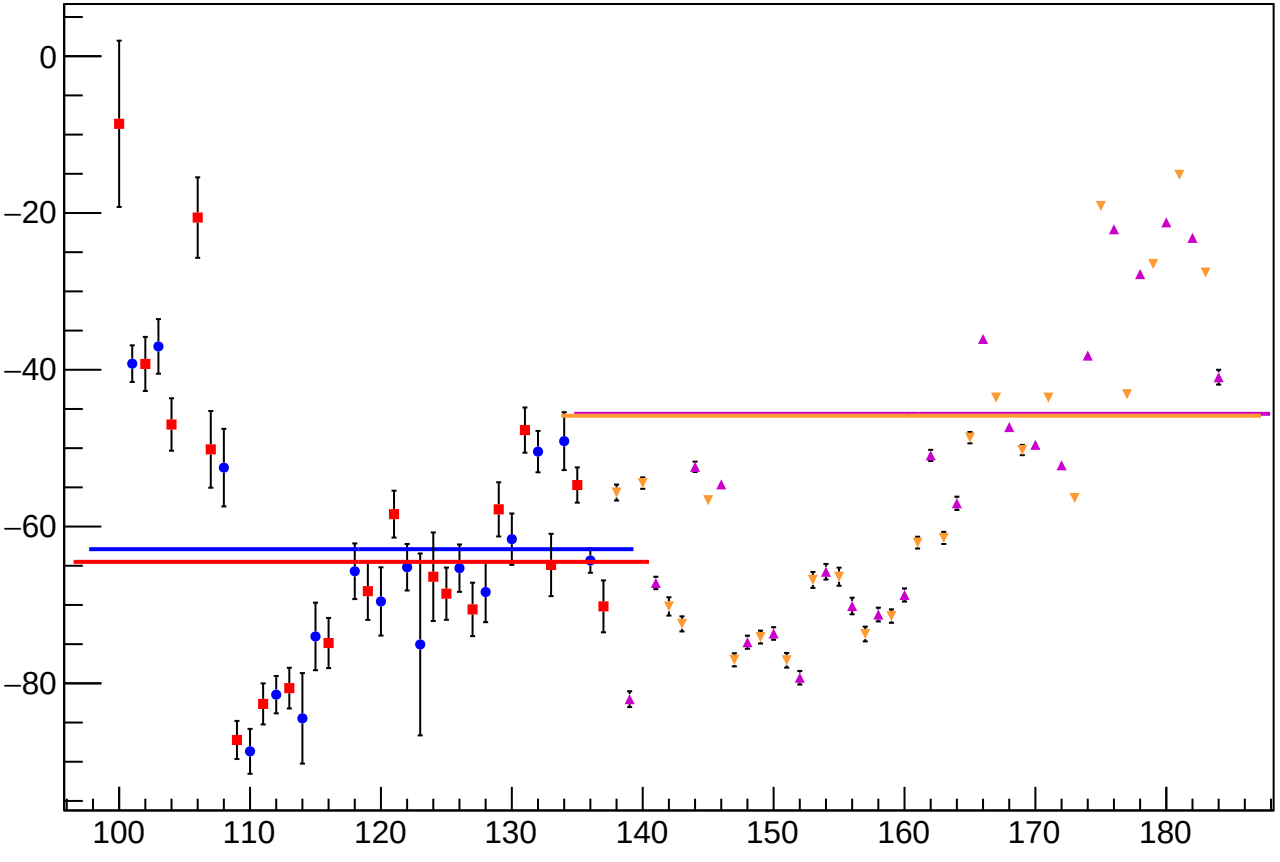
Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: 3.386+/-0.107 χ^2/NDF:5985.4/39

Out: 3.469+/-0.107 χ^2/NDF:7501.0/42

All: 3.428+/-0.076 χ^2/NDF: 13486.8/82

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: -45.858+/-0.140 χ^2/NDF:19666.6/23

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

Left: -45.737+/-0.099 χ^2/NDF: 37411.8/46

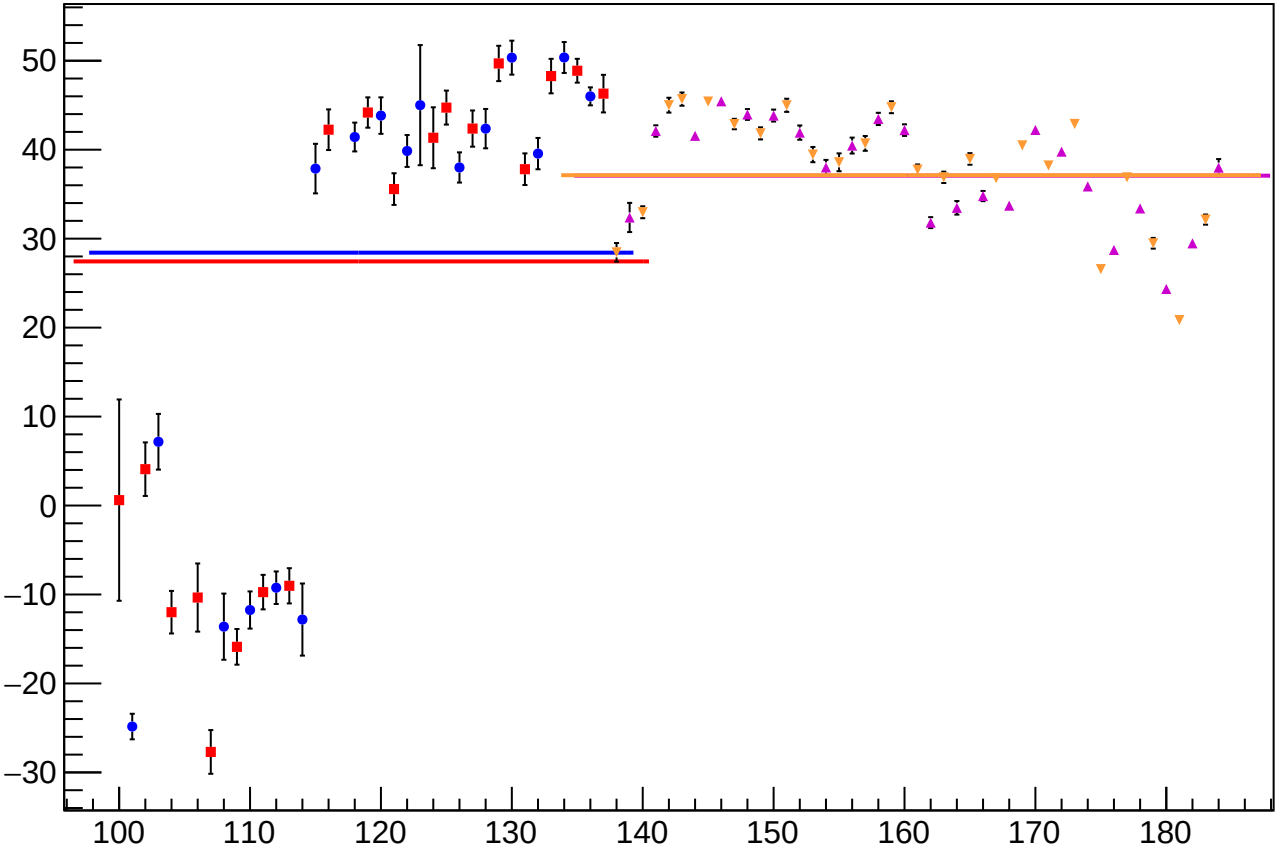
Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -46.209+/-0.137 χ^2/NDF:18641.5/39

Out: -46.480+/-0.137 χ^2/NDF:20706.1/42

All: -46.344+/-0.097 χ^2/NDF: 39349.5/82

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: 37.131+/-0.124 χ^2/NDF:3021.5/23

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

Left: 37.105+/-0.088 χ^2/NDF: 5427.0/46

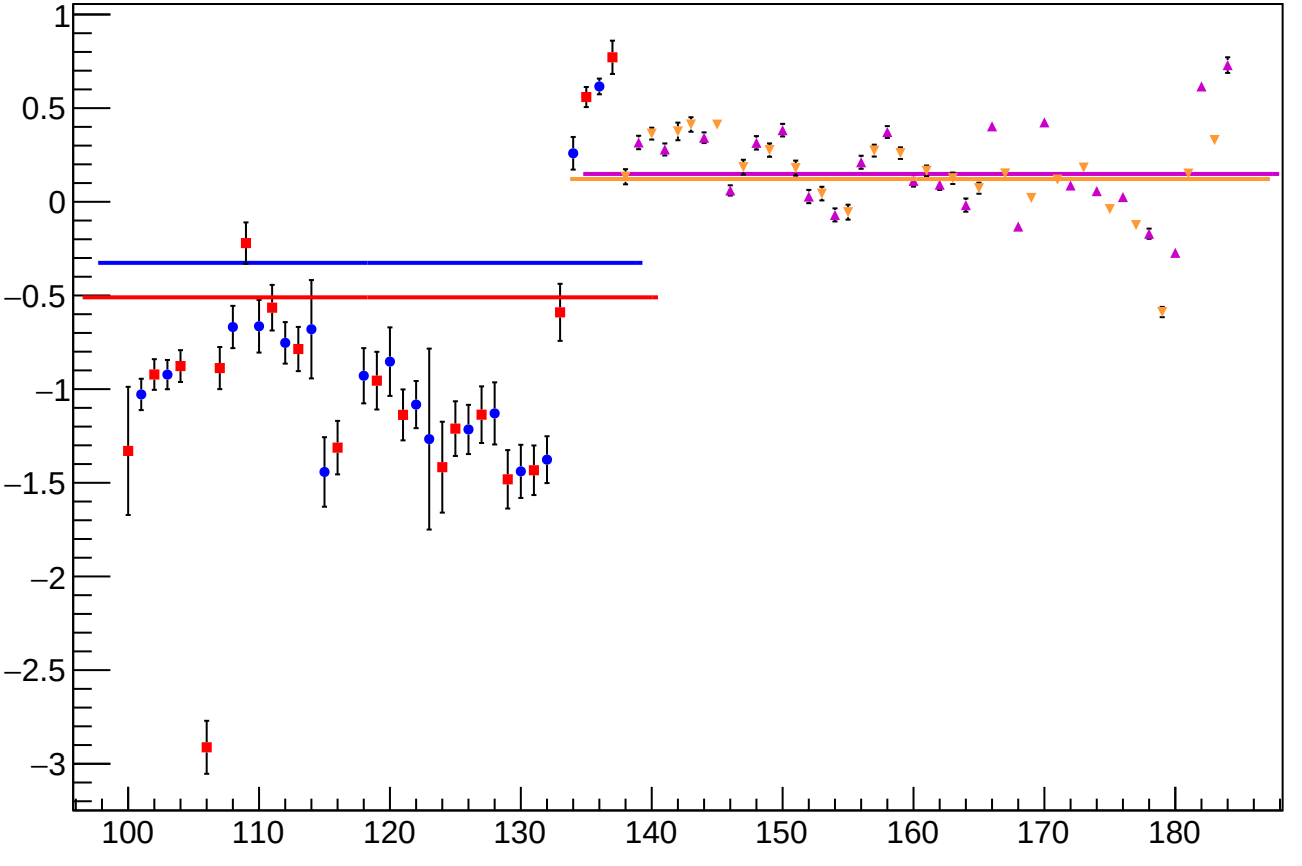
Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 36.480+/-0.120 χ^2/NDF:6069.3/39

Out: 36.519+/-0.120 χ^2/NDF:6438.4/42

All: 36.499+/-0.085 χ^2/NDF: 12507.8/82

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: 0.122+/-0.006 χ^2/NDF:1330.6/23

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

Left: 0.135+/-0.004 χ^2/NDF: 3155.6/46

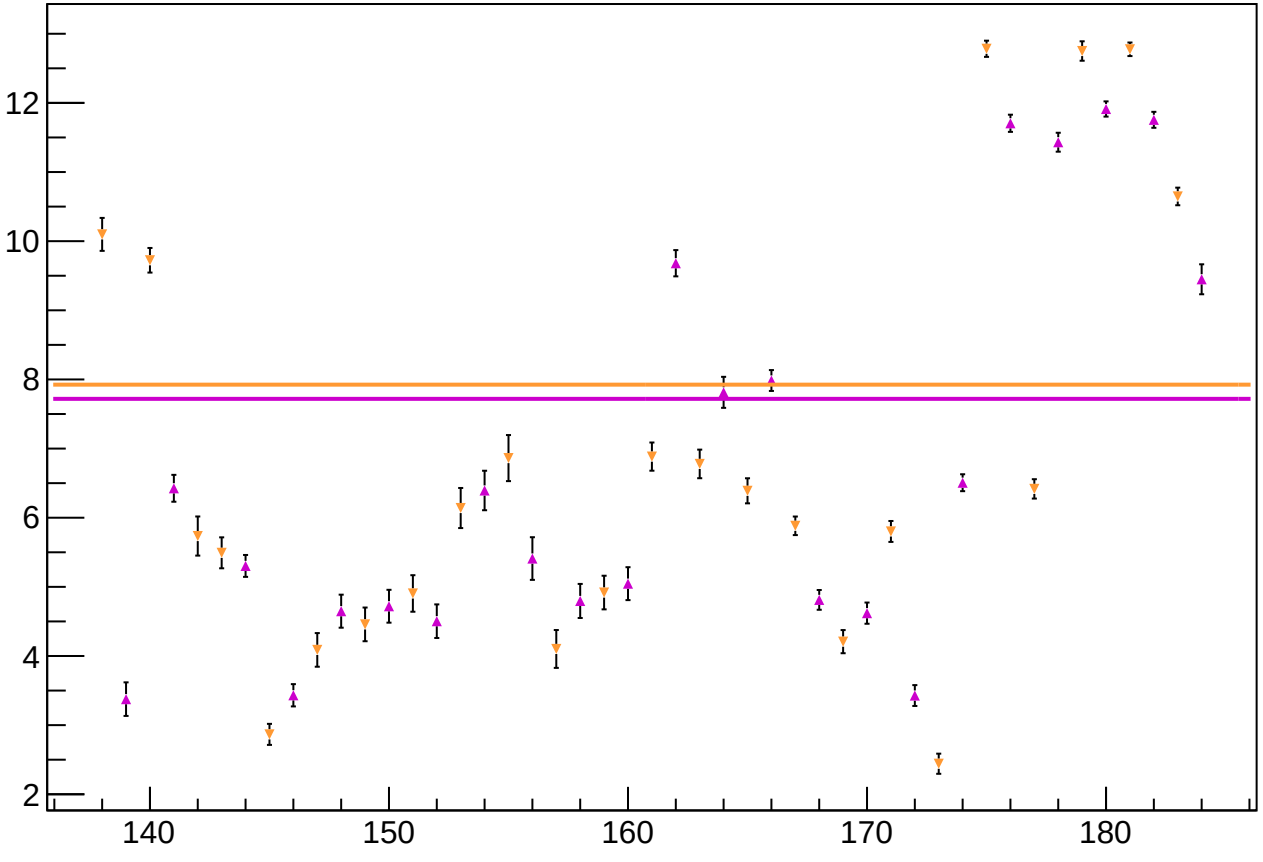
Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.125+/-0.006 χ^2/NDF:3171.9/39

Out: 0.092+/-0.006 χ^2/NDF:3075.2/42

All: 0.108+/-0.004 χ^2/NDF: 6265.0/82

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: 7.925+/-0.035 χ^2/NDF:10834.8/23

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

Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

Left: 7.822+/-0.025 χ^2/NDF: 19342.6/46

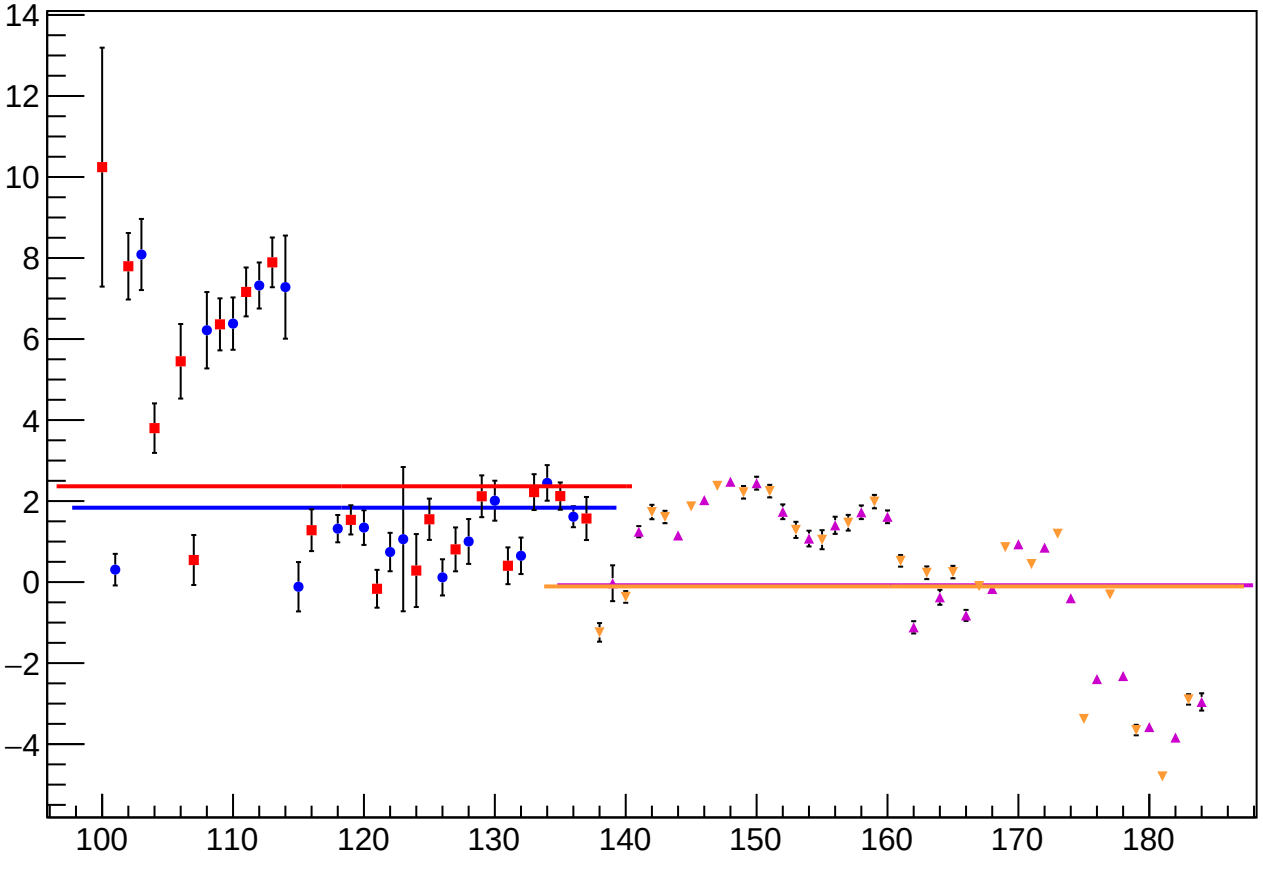
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.719+/-0.035 χ^2/NDF:8490.5/22

Out: 7.925+/-0.035 χ^2/NDF:10834.8/23

All: 7.822+/-0.025 χ^2/NDF: 19342.6/46

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: -0.107+/-0.028 χ^2/NDF:5938.3/23

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

Left: -0.093+/-0.020 χ^2/NDF: 10927.9/46

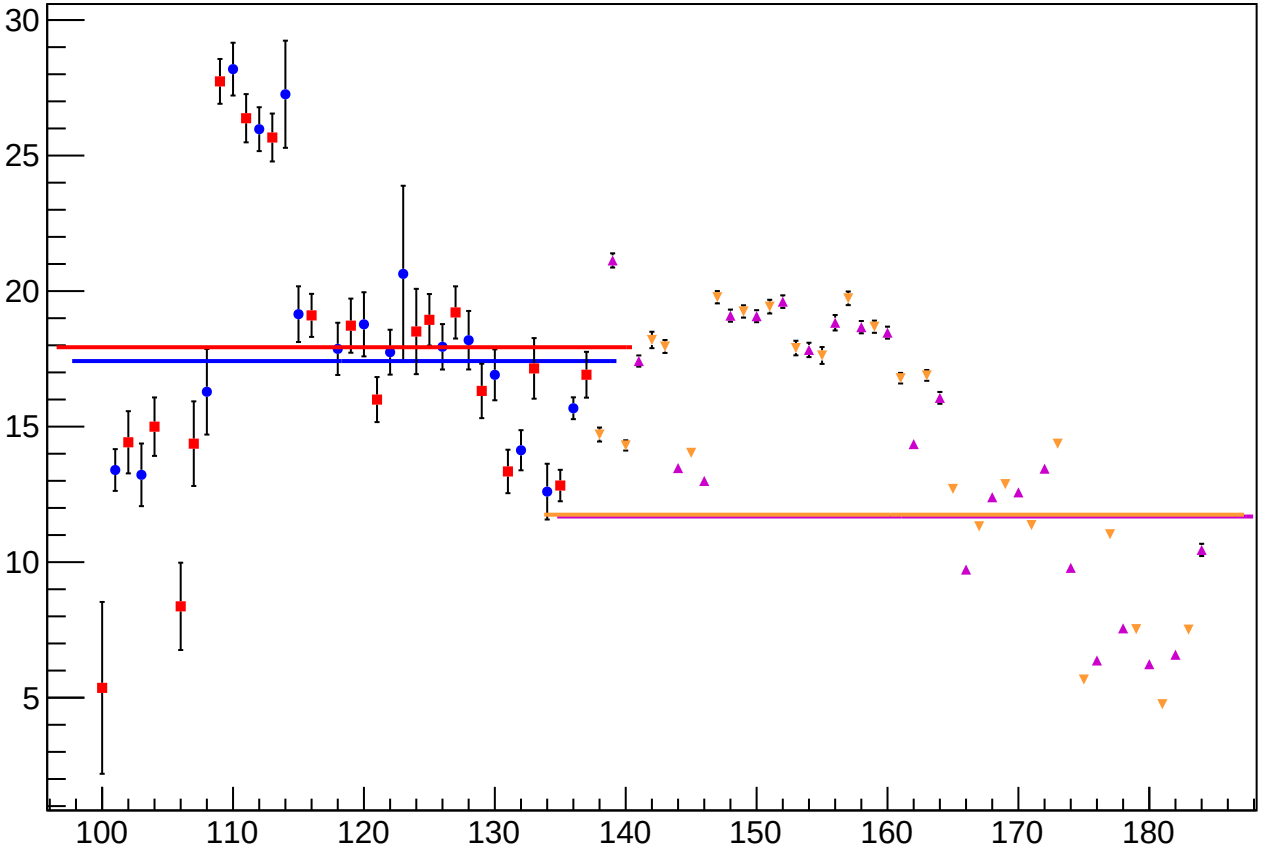
Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 0.028+/-0.027 χ^2/NDF:5541.1/39

Out: 0.016+/-0.027 χ^2/NDF:6660.8/42

All: 0.022+/-0.019 χ^2/NDF: 12201.9/82

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: 11.751+/-0.035 χ^2/NDF:18808.8/23

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

Left: 11.717+/-0.025 χ^2/NDF: 35737.9/46

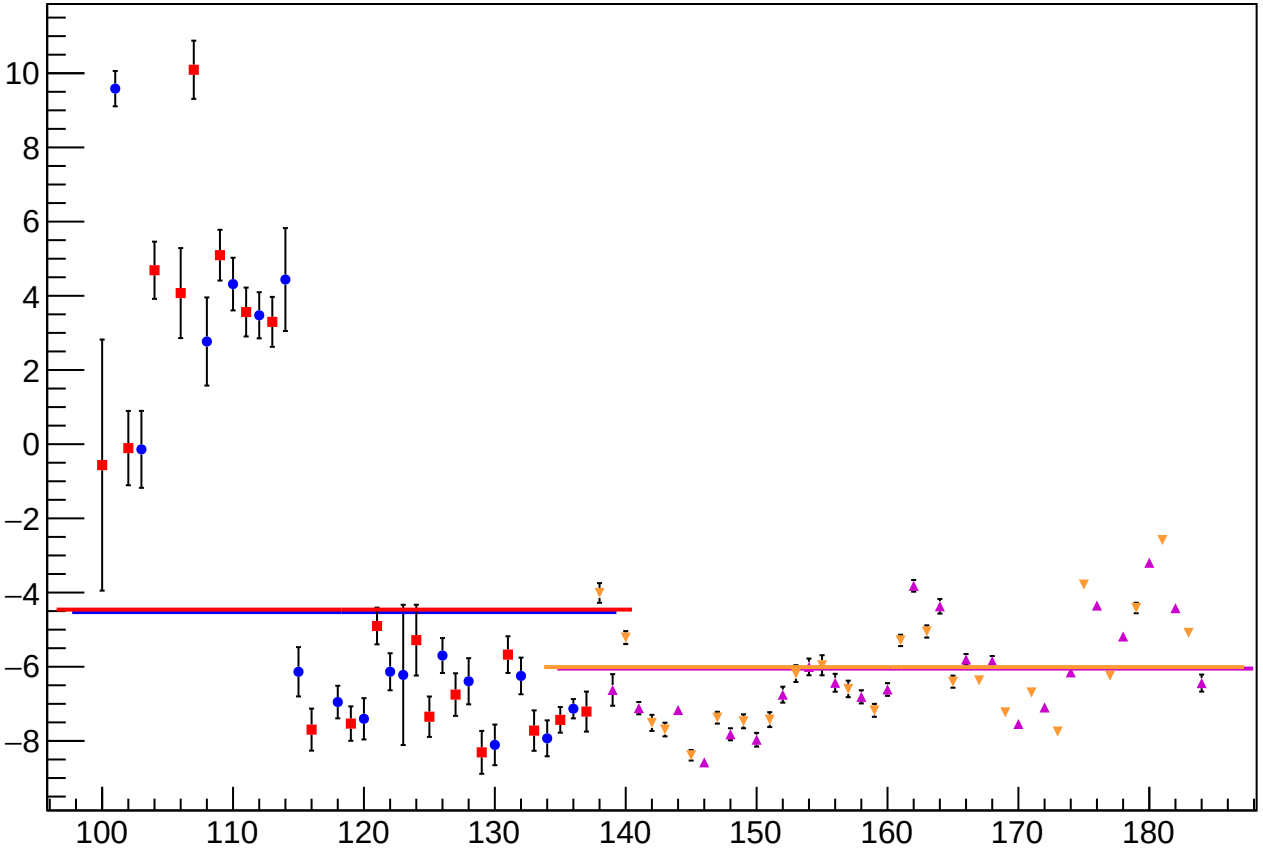
Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 11.836+/-0.035 χ^2/NDF:18008.3/39

Out: 11.907+/-0.035 χ^2/NDF:20091.5/42

All: 11.871+/-0.024 χ^2/NDF: 38101.9/82

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: -6.009+/-0.032 χ^2/NDF:2523.9/23

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

Left: -6.029+/-0.022 χ^2/NDF: 4828.0/46

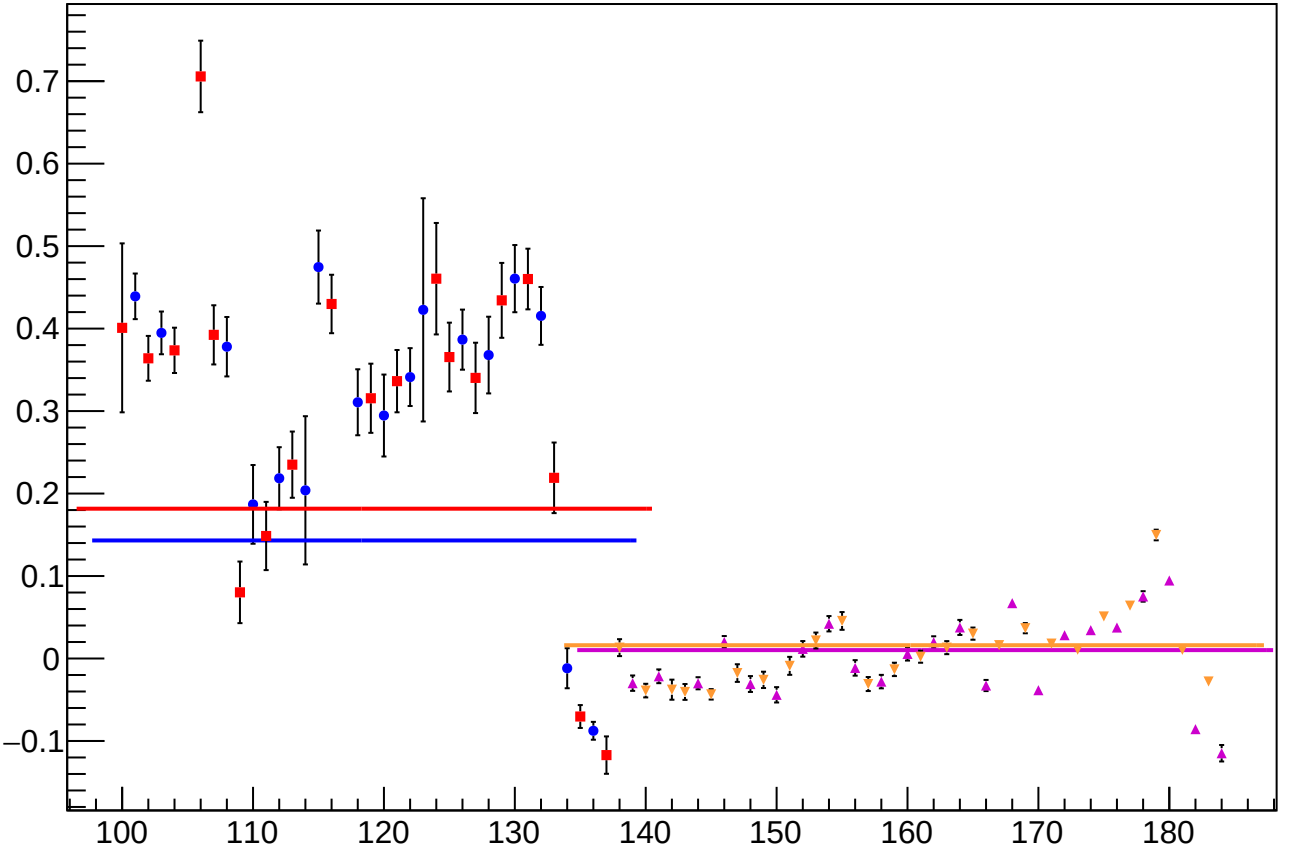
Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -5.964+/-0.031 χ^2/NDF:4024.1/39

Out: -5.931+/-0.031 χ^2/NDF:3984.4/42

All: -5.948+/-0.022 χ^2/NDF: 8009.1/82

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: 0.016+/-0.001 χ^2/NDF:895.7/23

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

Left: 0.013+/-0.001 χ^2/NDF: 2128.7/46

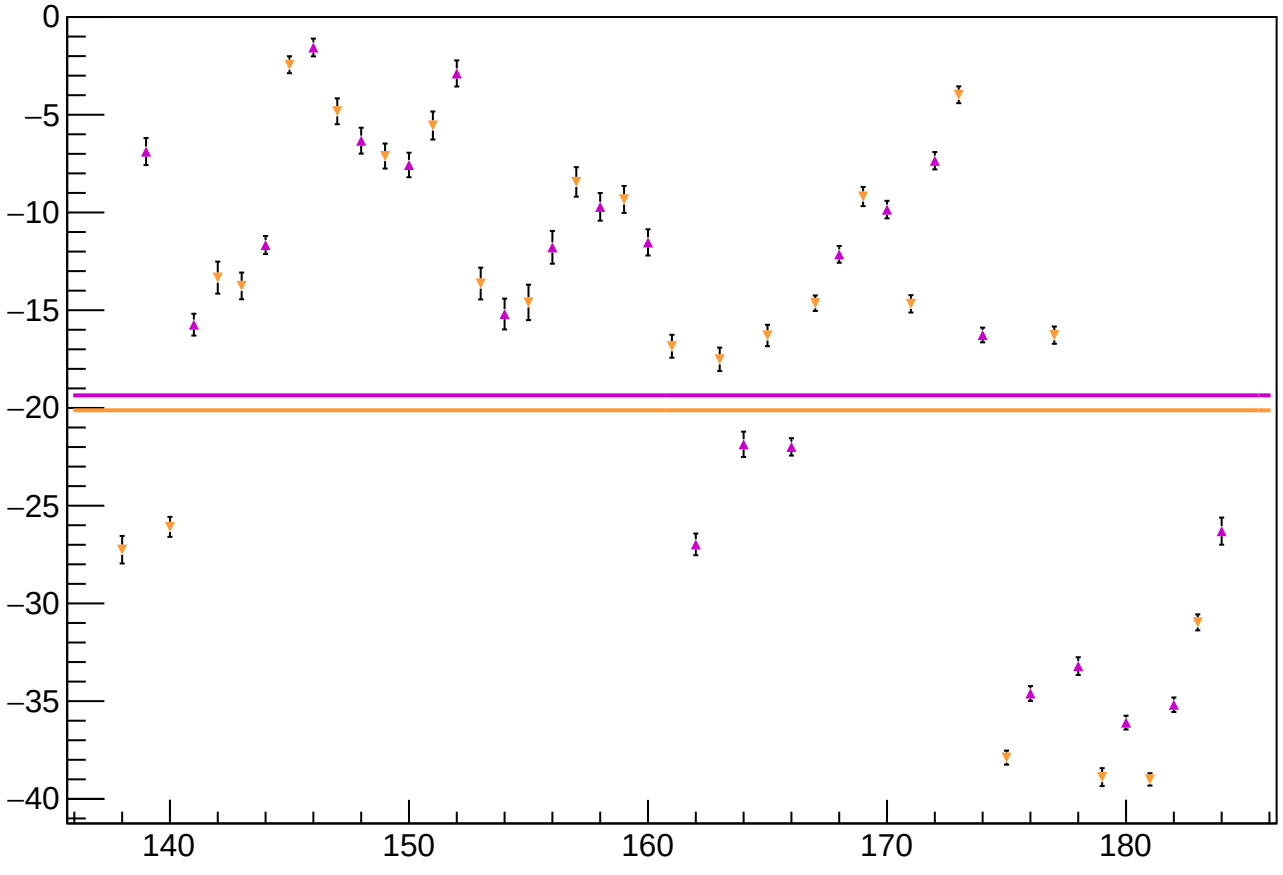
Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.016+/-0.001 χ^2/NDF:2626.1/39

Out: 0.022+/-0.001 χ^2/NDF:2387.2/42

All: 0.019+/-0.001 χ^2/NDF: 5024.5/82

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -20.120+/-0.105 χ^2/NDF:14777.2/23

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

Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

Left: -19.738+/-0.074 χ^2/NDF: 27221.0/46

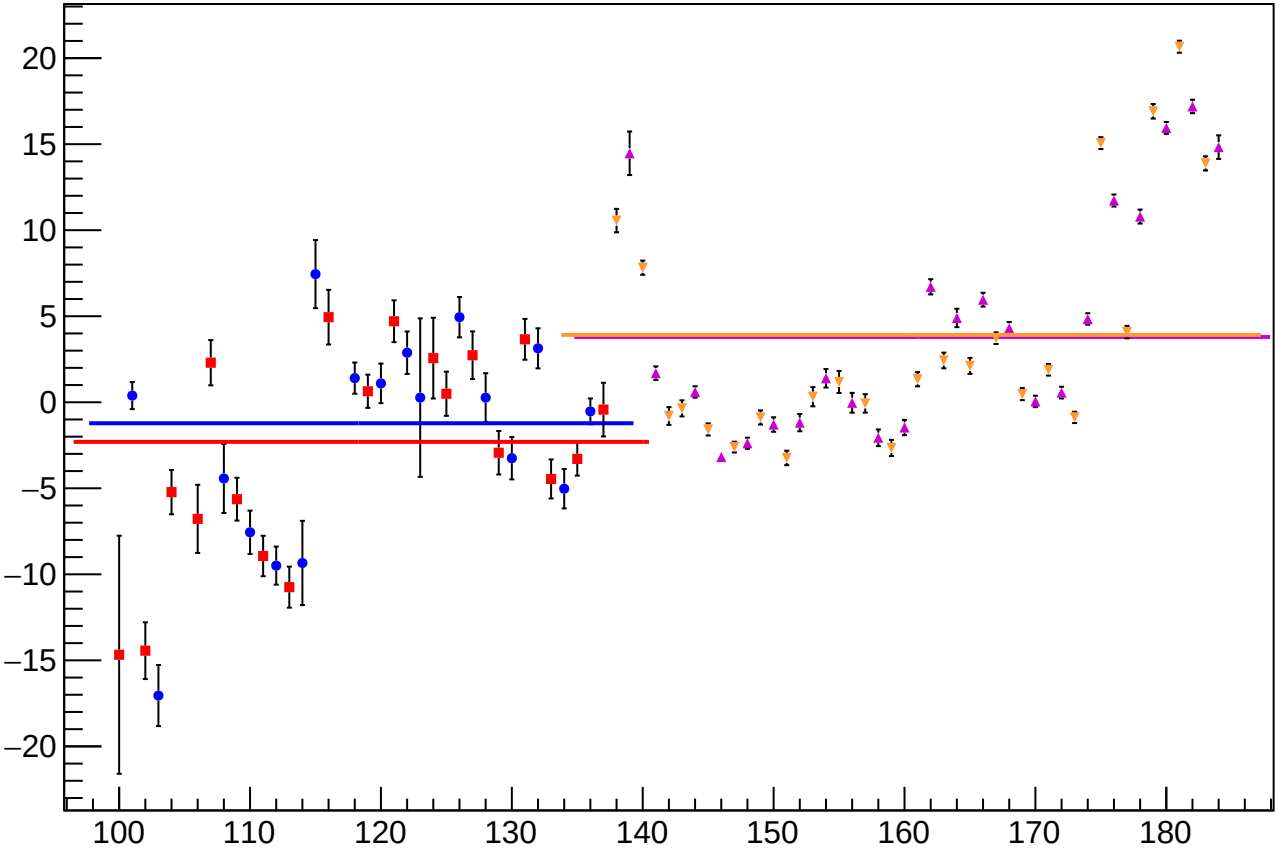
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.355+/-0.105 χ^2/NDF:12417.1/22

Out: -20.120+/-0.105 χ^2/NDF:14777.2/23

All: -19.738+/-0.074 χ^2/NDF: 27221.0/46

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: 3.916+/-0.083 χ^2/NDF:7026.2/23

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

Left: 3.856+/-0.059 χ^2/NDF: 12561.6/46

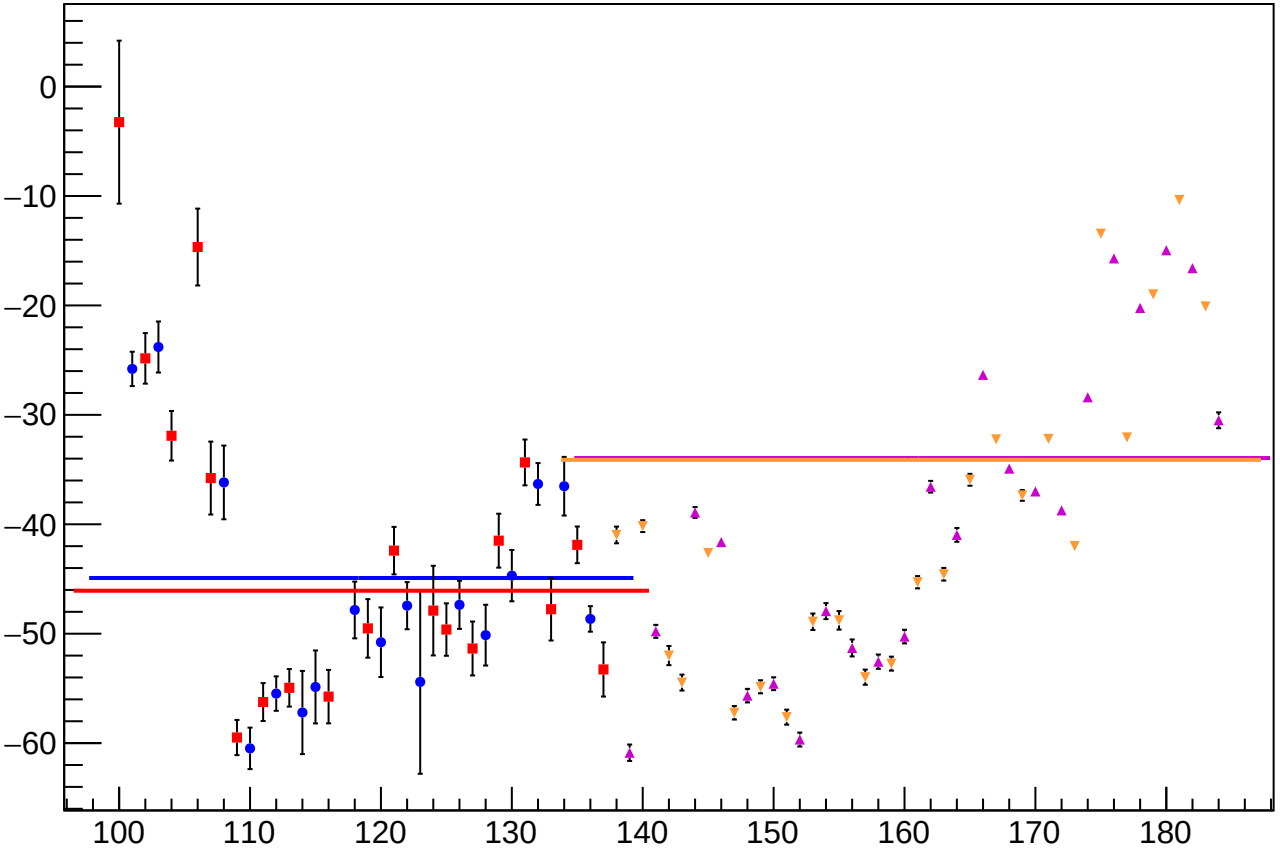
Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: 3.413+/-0.080 χ^2/NDF:6089.3/39

Out: 3.481+/-0.080 χ^2/NDF:7705.5/42

All: 3.447+/-0.057 χ^2/NDF: 13795.2/82

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: -34.113+/-0.105 χ^2/NDF:19691.2/23

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

Left: -34.029+/-0.074 χ^2/NDF: 37547.9/46

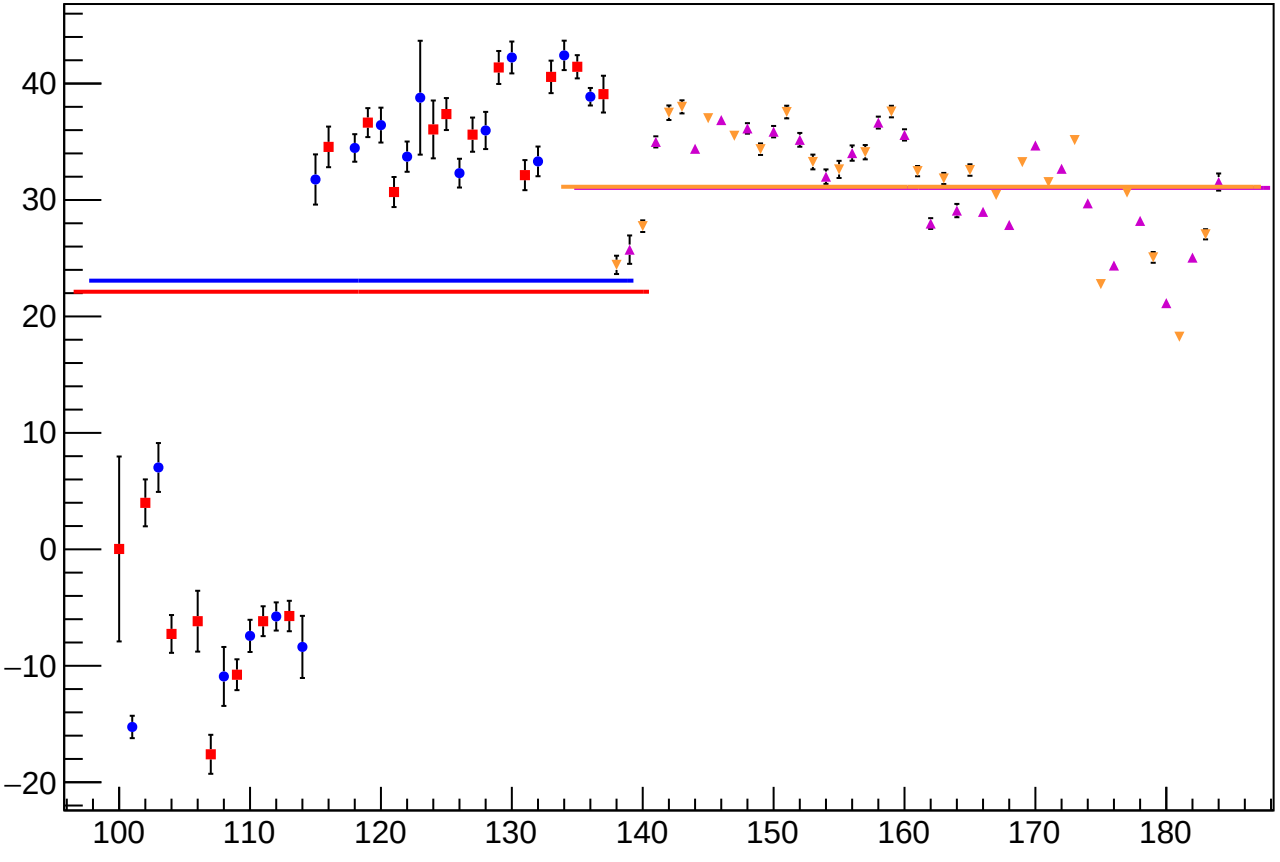
Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -34.370+/-0.103 χ^2/NDF:18699.7/39

Out: -34.569+/-0.103 χ^2/NDF:20638.0/42

All: -34.469+/-0.073 χ^2/NDF: 39339.6/82

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: 31.137+/-0.093 χ^2/NDF:3225.3/23

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

Left: 31.088+/-0.066 χ^2/NDF: 5714.5/46

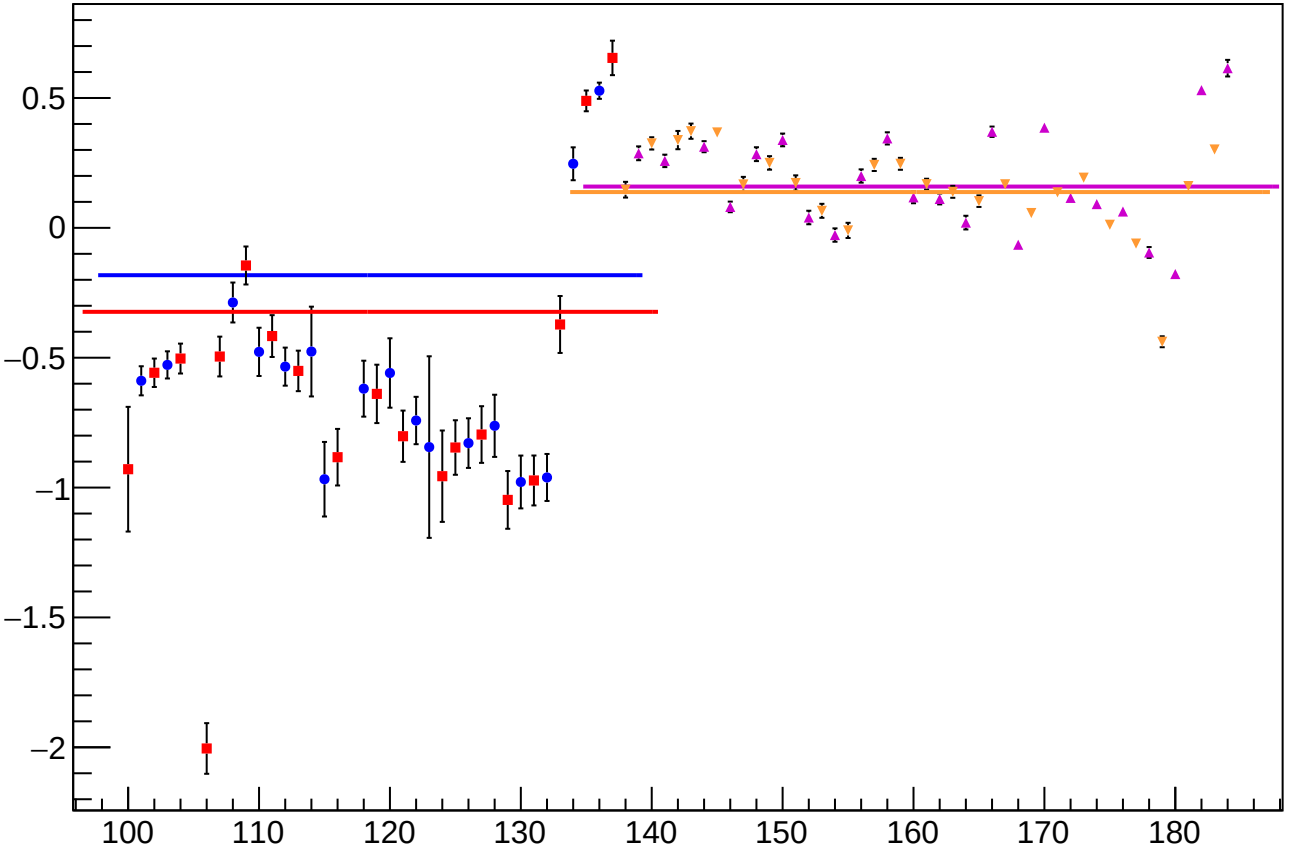
Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 30.430+/-0.090 χ^2/NDF:7386.1/39

Out: 30.503+/-0.090 χ^2/NDF:7913.7/42

All: 30.467+/-0.064 χ^2/NDF: 15300.1/82

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: 0.138+/-0.004 χ^2/NDF:1472.5/23

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

Left: 0.148+/-0.003 χ^2/NDF: 3505.2/46

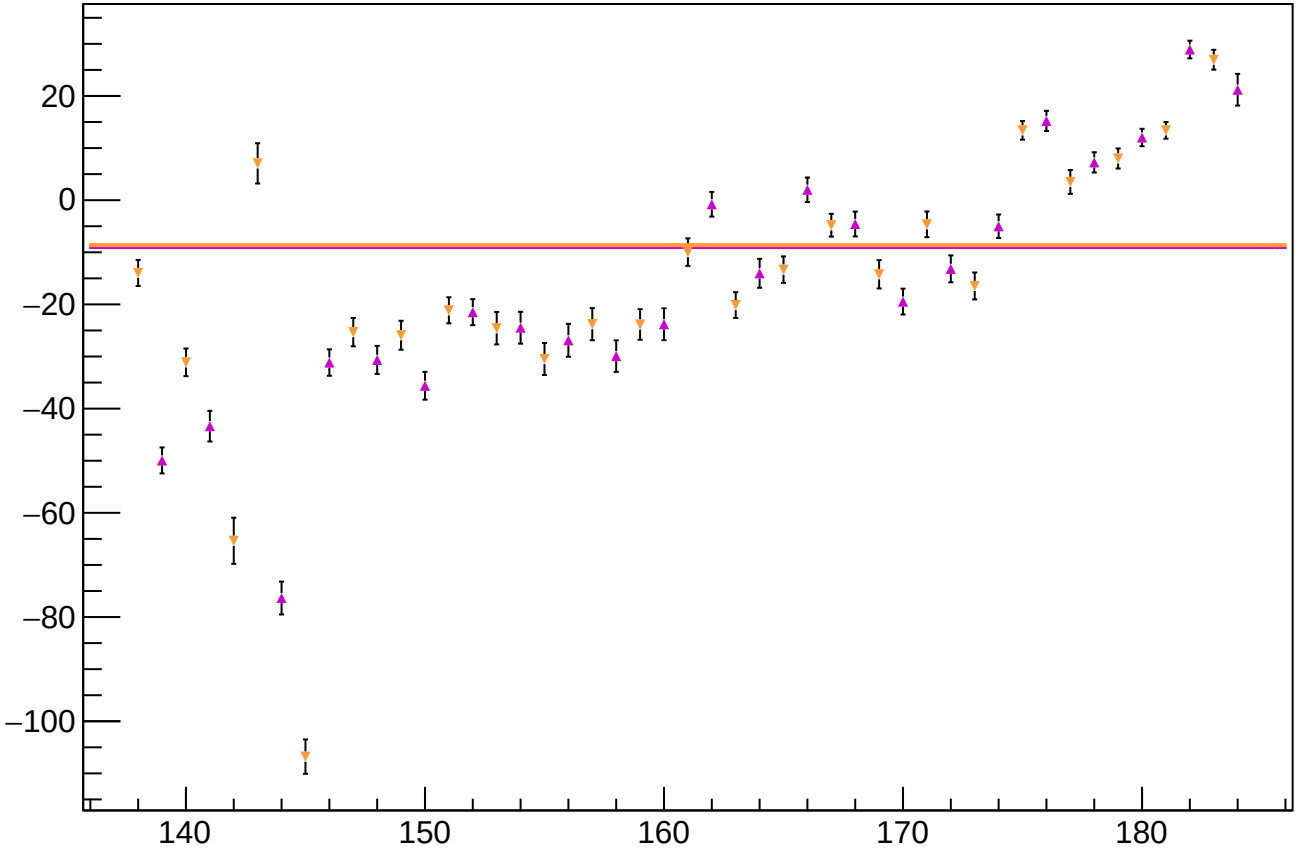
Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.140+/-0.004 χ^2/NDF:3368.7/39

Out: 0.113+/-0.004 χ^2/NDF:3267.5/42

All: 0.127+/-0.003 χ^2/NDF: 6656.7/82

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.625+/-0.505 χ^2/NDF:2209.5/23

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

Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

Left: -8.810+/-0.357 χ^2/NDF: 4518.0/46

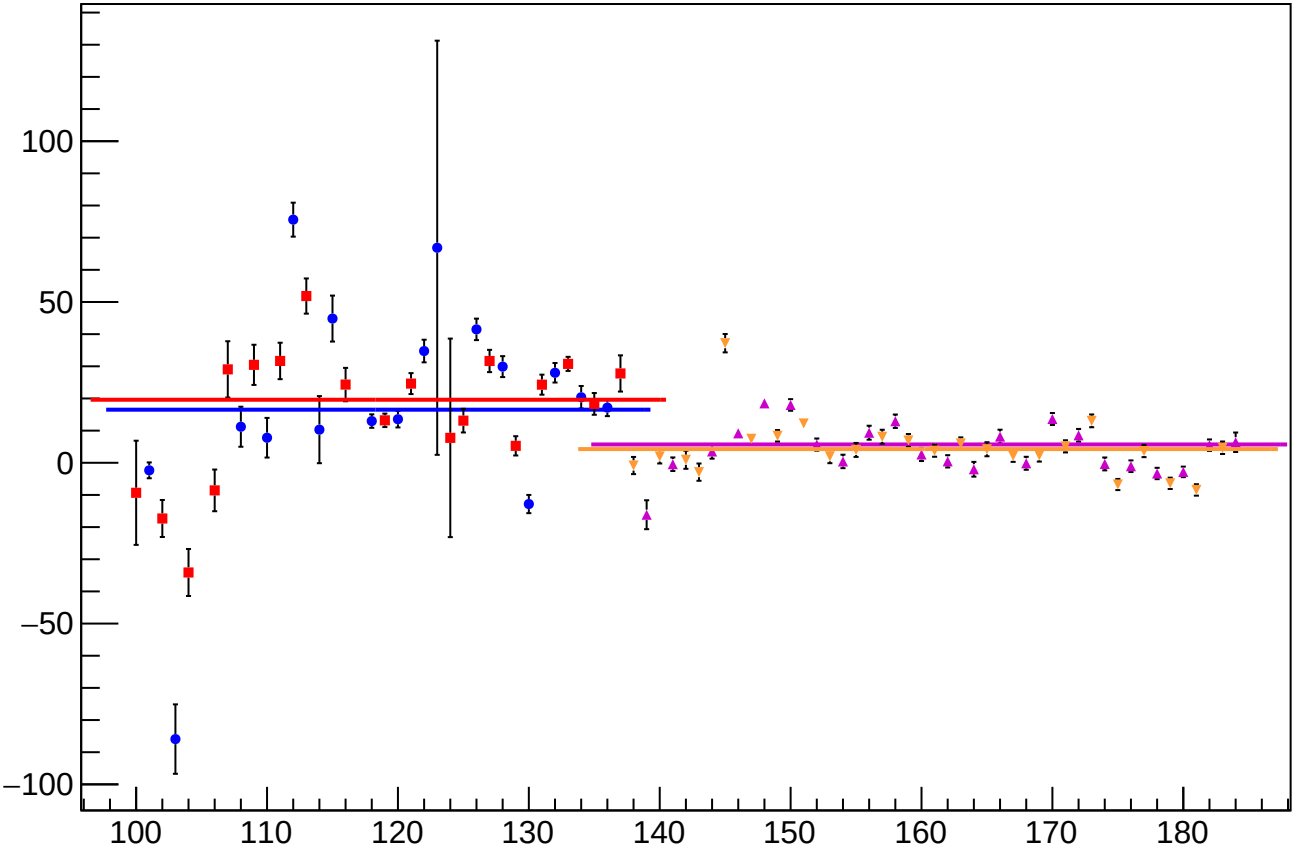
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.995+/-0.505 χ^2/NDF:2308.2/22

Out: -8.625+/-0.505 χ^2/NDF:2209.5/23

All: -8.810+/-0.357 χ^2/NDF: 4518.0/46

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 4.264+/-0.395 χ^2/NDF:346.2/23

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

Left: 4.967+/-0.282 χ^2/NDF: 681.8/46

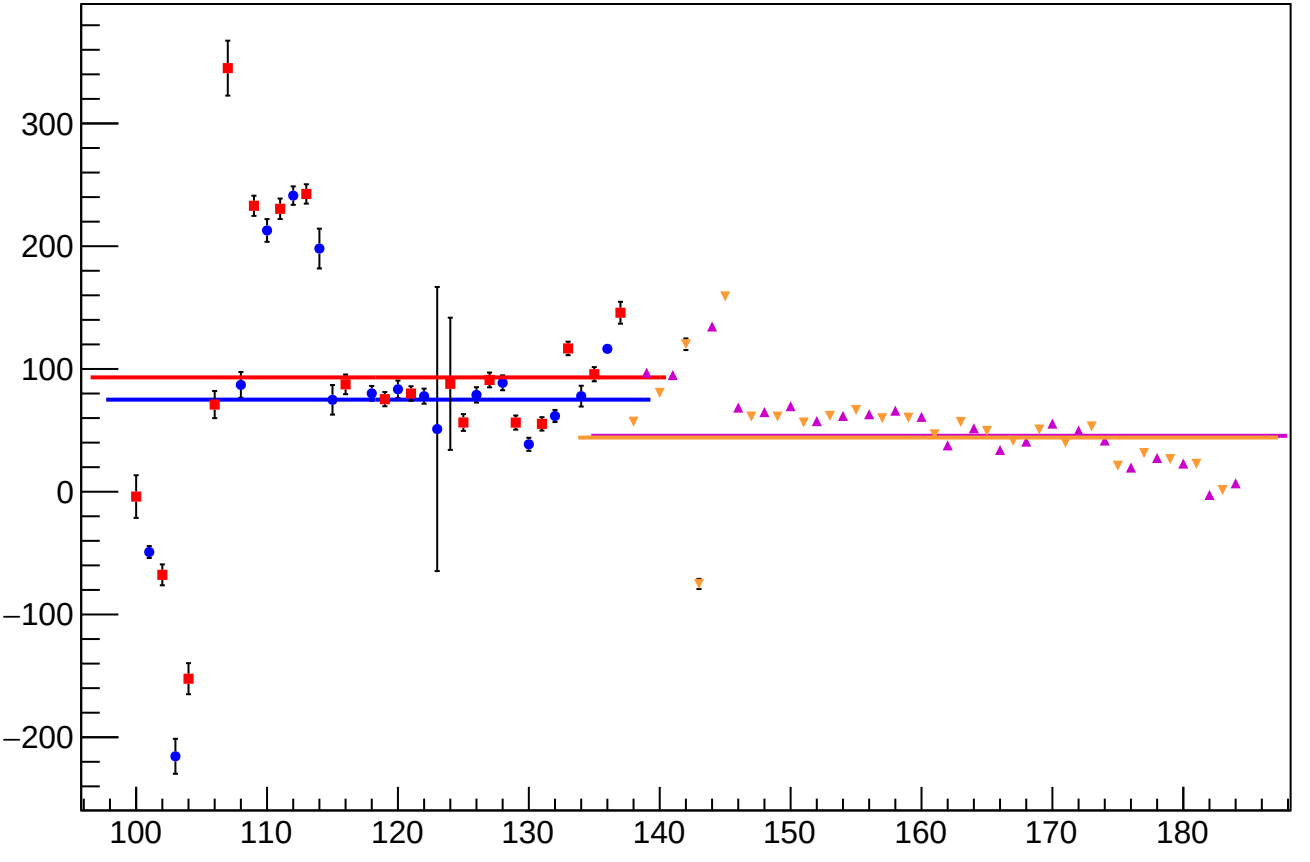
Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 7.695+/-0.364 χ^2/NDF:981.5/39

Out: 6.753+/-0.362 χ^2/NDF:832.4/42

All: 7.221+/-0.257 χ^2/NDF: 1817.3/82

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 44.154+/-0.503 χ^2/NDF:3655.3/23

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

Left: 44.857+/-0.355 χ^2/NDF: 6811.7/46

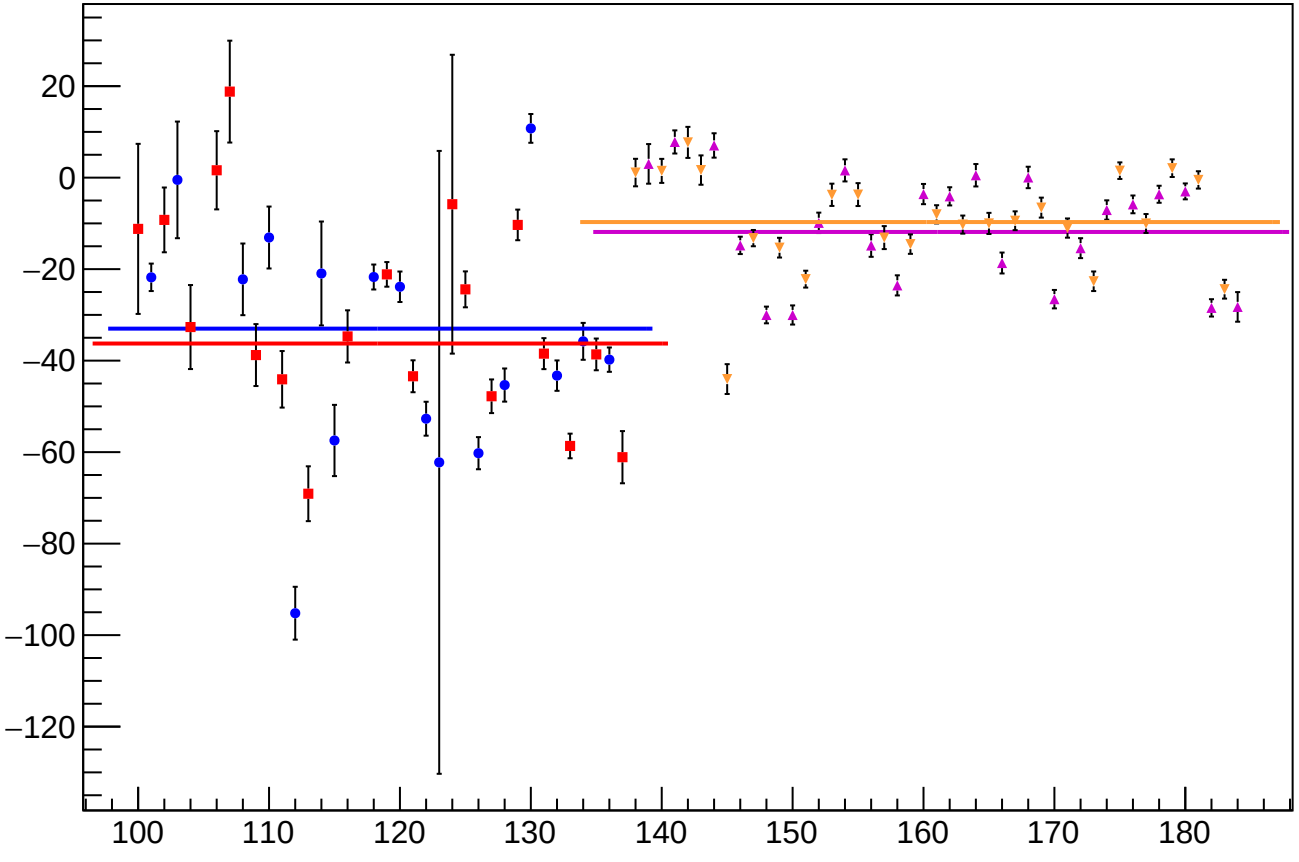
Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 48.098+/-0.480 χ^2/NDF:5447.9/39

Out: 48.049+/-0.482 χ^2/NDF:6412.0/42

All: 48.073+/-0.340 χ^2/NDF: 11859.9/82

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -9.706+/-0.448 χ^2/NDF:446.2/23

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

Left: -10.775+/-0.319 χ^2/NDF: 1126.1/46

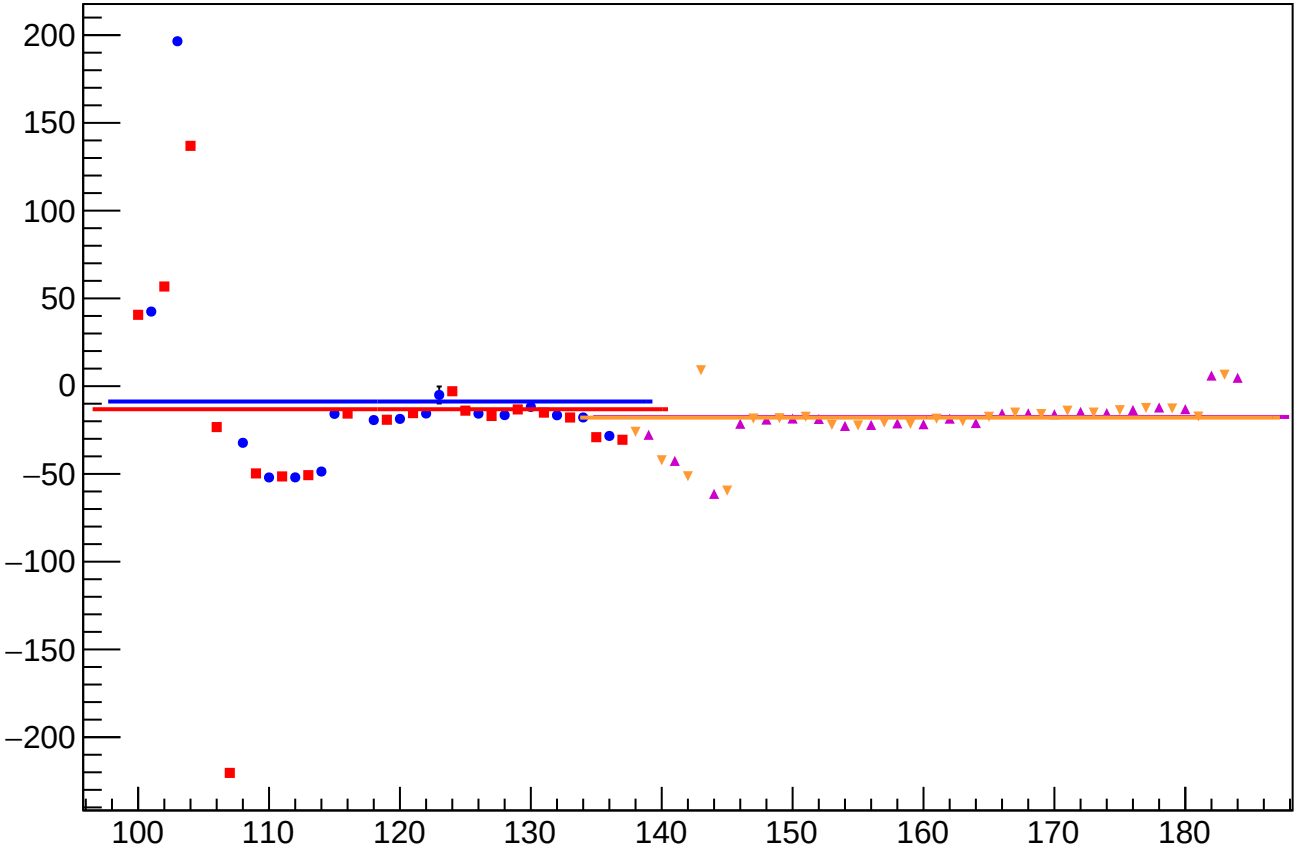
Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -15.671+/-0.412 χ^2/NDF:1549.3/39

Out: -13.967+/-0.411 χ^2/NDF:1306.4/42

All: -14.816+/-0.291 χ^2/NDF: 2864.3/82

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -17.918+/-0.021 χ^2/NDF:290525.3/23

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

Left: -17.734+/-0.015 χ^2/NDF: 552582.9/46

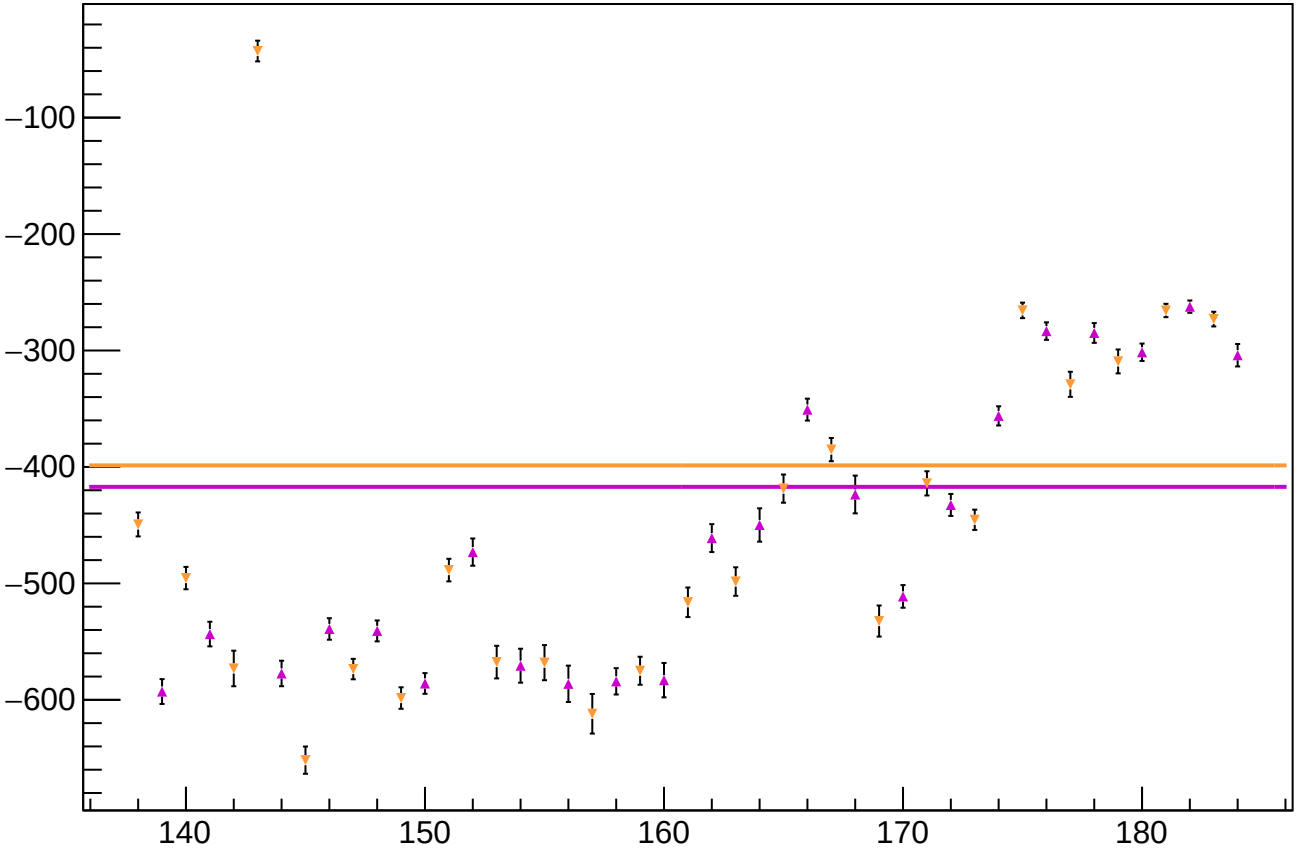
Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -16.591+/-0.019 χ^2/NDF:857866.2/39

Out: -17.438+/-0.020 χ^2/NDF:854534.0/42

All: -17.011+/-0.014 χ^2/NDF: 1713342.4/82

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -398.664+/-1.985 χ^2/NDF:5659.4/23

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

Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

Left: -407.817+/-1.408 χ^2/NDF: 9660.7/46

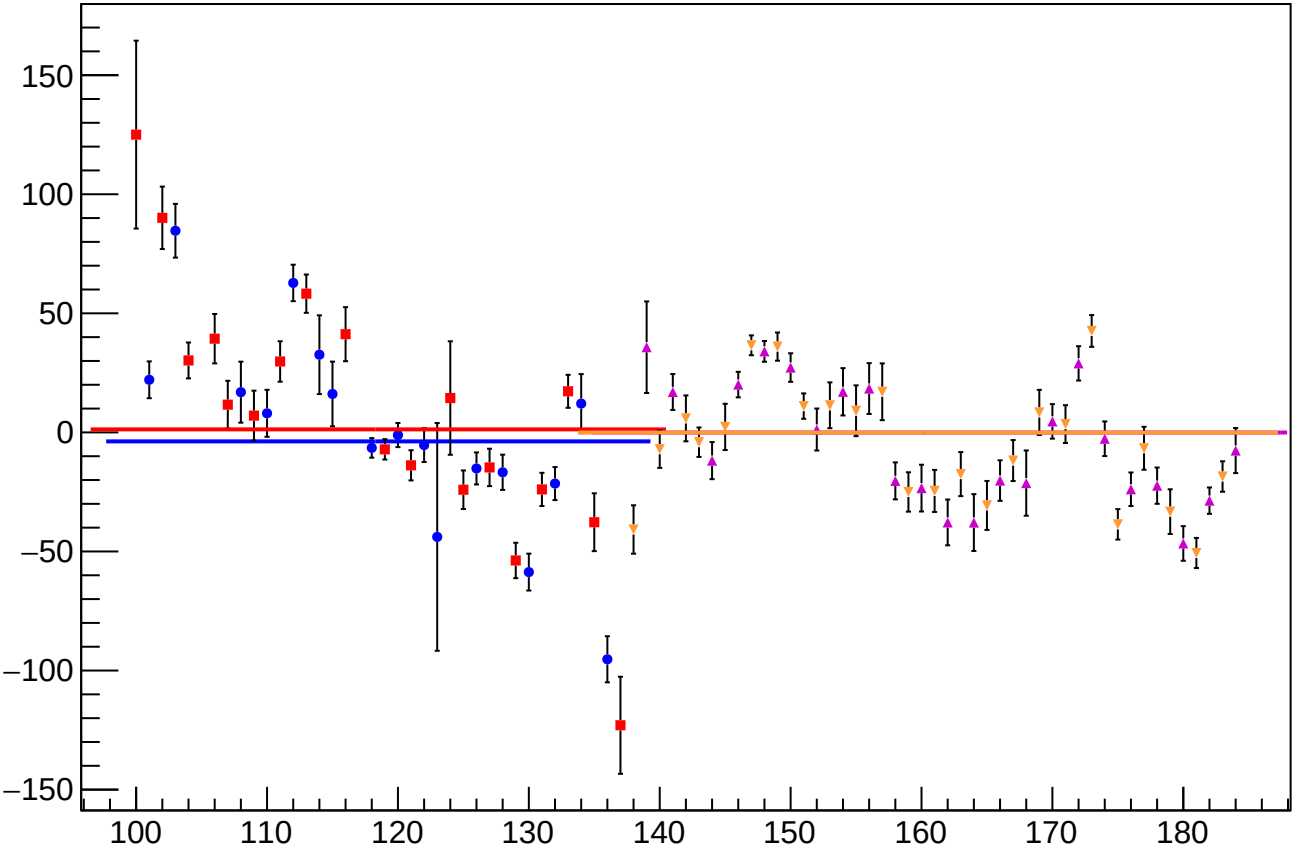
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -417.080+/-1.997 χ^2/NDF:3958.5/22

Out: -398.664+/-1.985 χ^2/NDF:5659.4/23

All: -407.817+/-1.408 χ^2/NDF: 9660.7/46

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: -0.071+/-1.524 χ^2/NDF:335.5/23

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

Left: -0.062+/-1.094 χ^2/NDF: 599.7/46

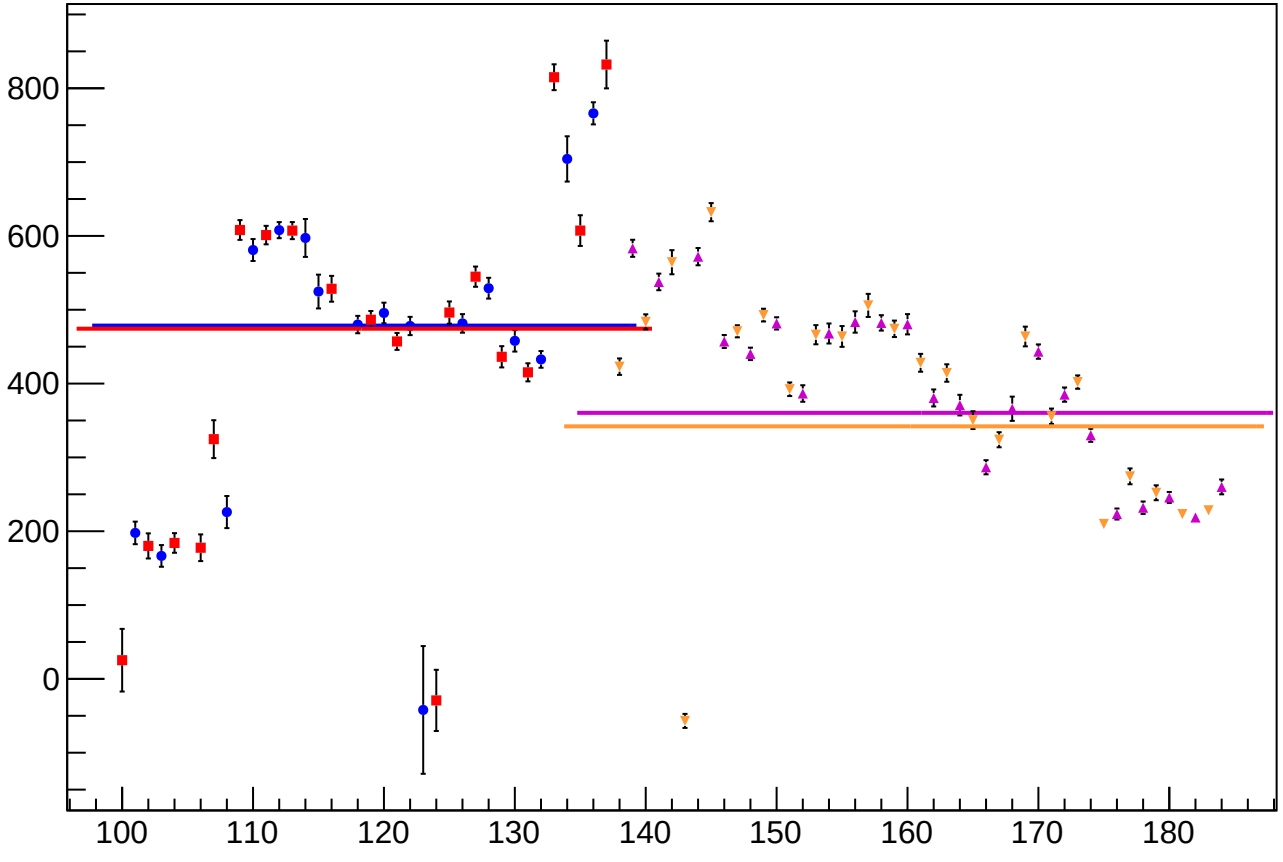
Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: -1.574+/-1.208 χ^2/NDF:580.8/39

Out: 0.446+/-1.194 χ^2/NDF:639.6/42

All: -0.552+/-0.849 χ^2/NDF: 1221.7/82

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 342.068+/-1.991 χ^2/NDF:5180.7/23

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

Left: 351.192+/-1.410 χ^2/NDF: 8672.7/46

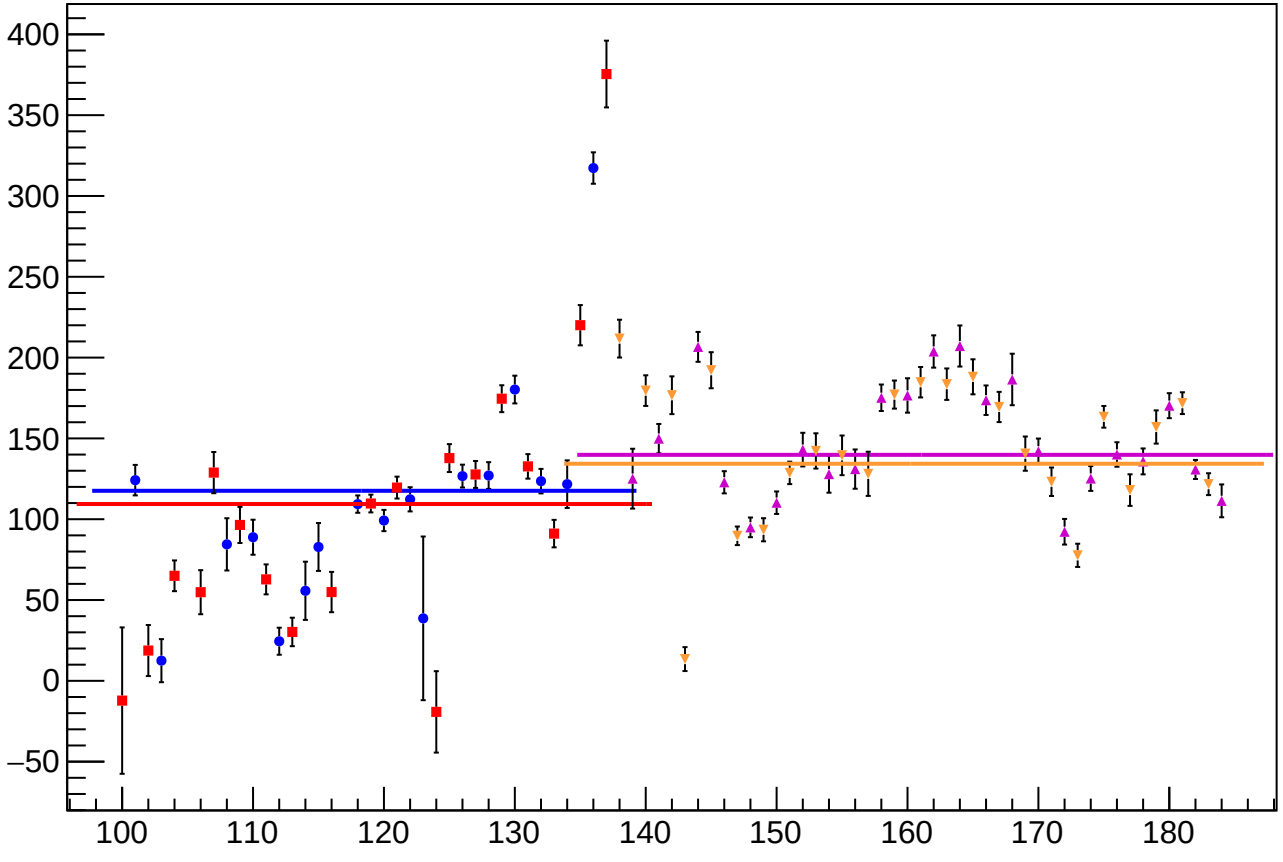
Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 387.778+/-1.749 χ^2/NDF:5892.7/39

Out: 373.959+/-1.735 χ^2/NDF:8531.5/42

All: 380.813+/-1.232 χ^2/NDF: 14455.7/82

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 134.318+/-1.753 χ^2/NDF:710.5/23

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

Left: 137.017+/-1.252 χ^2/NDF: 1037.0/46

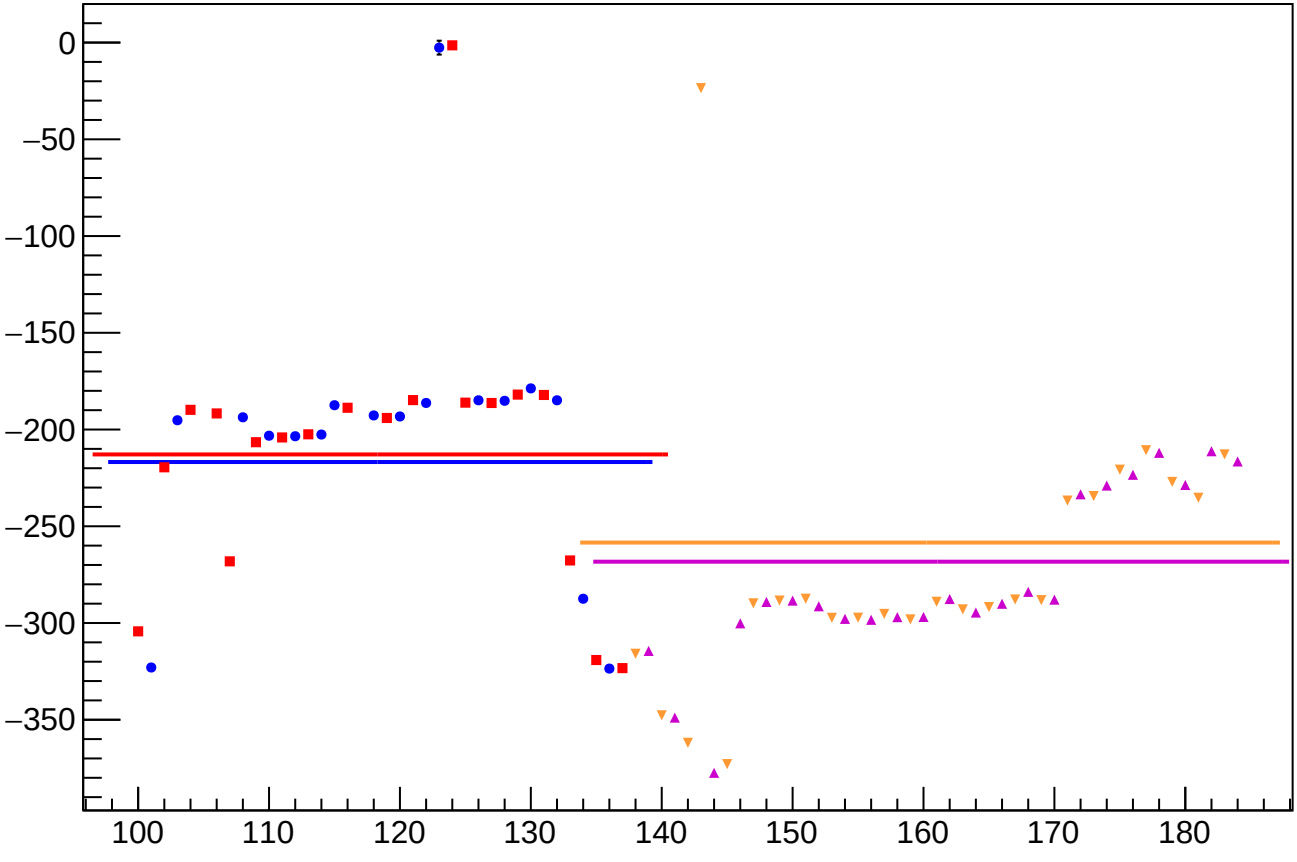
Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 130.936+/-1.386 χ^2/NDF:1090.3/39

Out: 124.691+/-1.374 χ^2/NDF:1359.7/42

All: 127.784+/-0.976 χ^2/NDF: 2460.2/82

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -258.420+/-0.084 χ^2/NDF:656849.8/23

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

Left: -263.377+/-0.059 χ^2/NDF: 928728.8/46

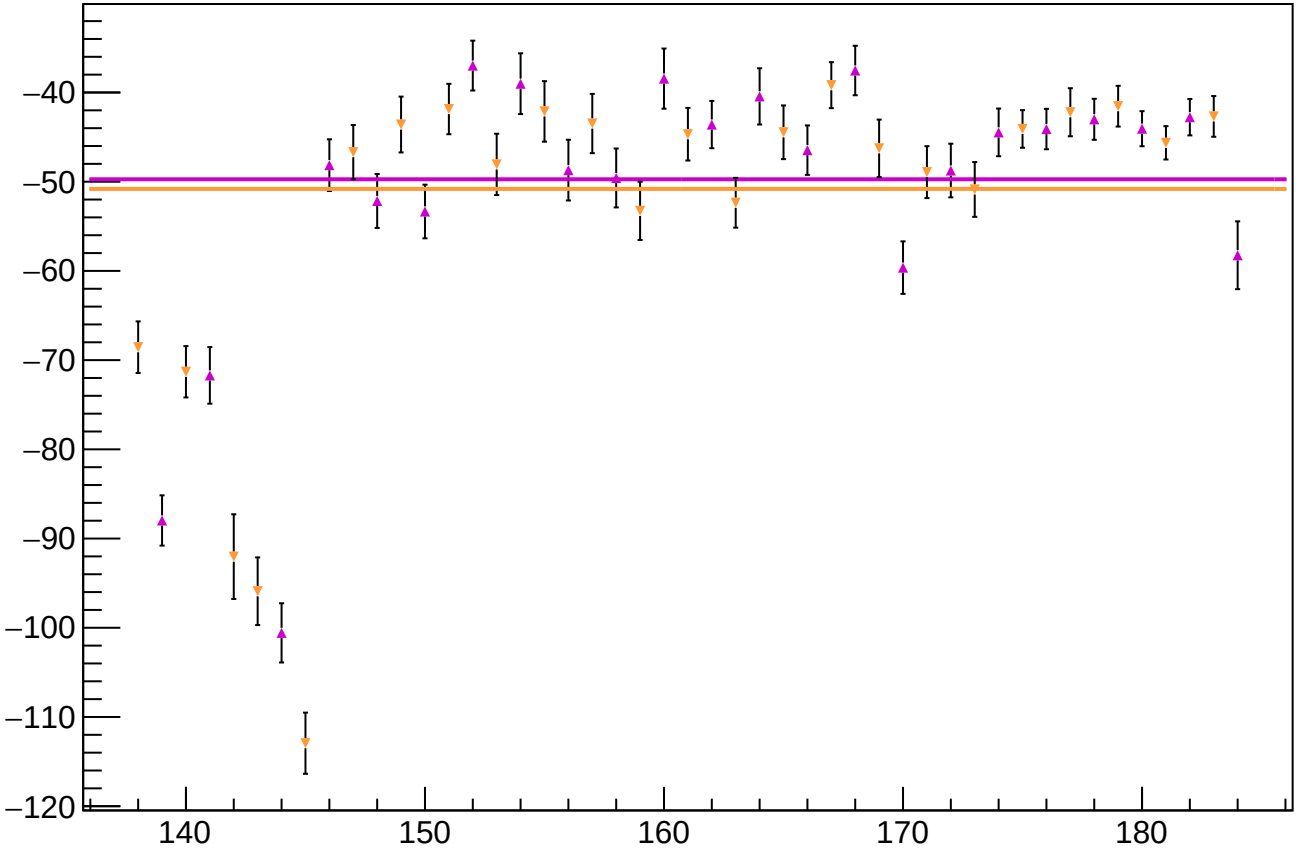
Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -254.208+/-0.071 χ^2/NDF:516555.6/39

Out: -245.134+/-0.070 χ^2/NDF:860006.3/42

All: -249.628+/-0.050 χ^2/NDF: 1384815.4/82

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -50.807+/-0.578 χ^2/NDF:752.7/23

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

Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

Left: -50.271+/-0.410 χ^2/NDF: 1355.3/46

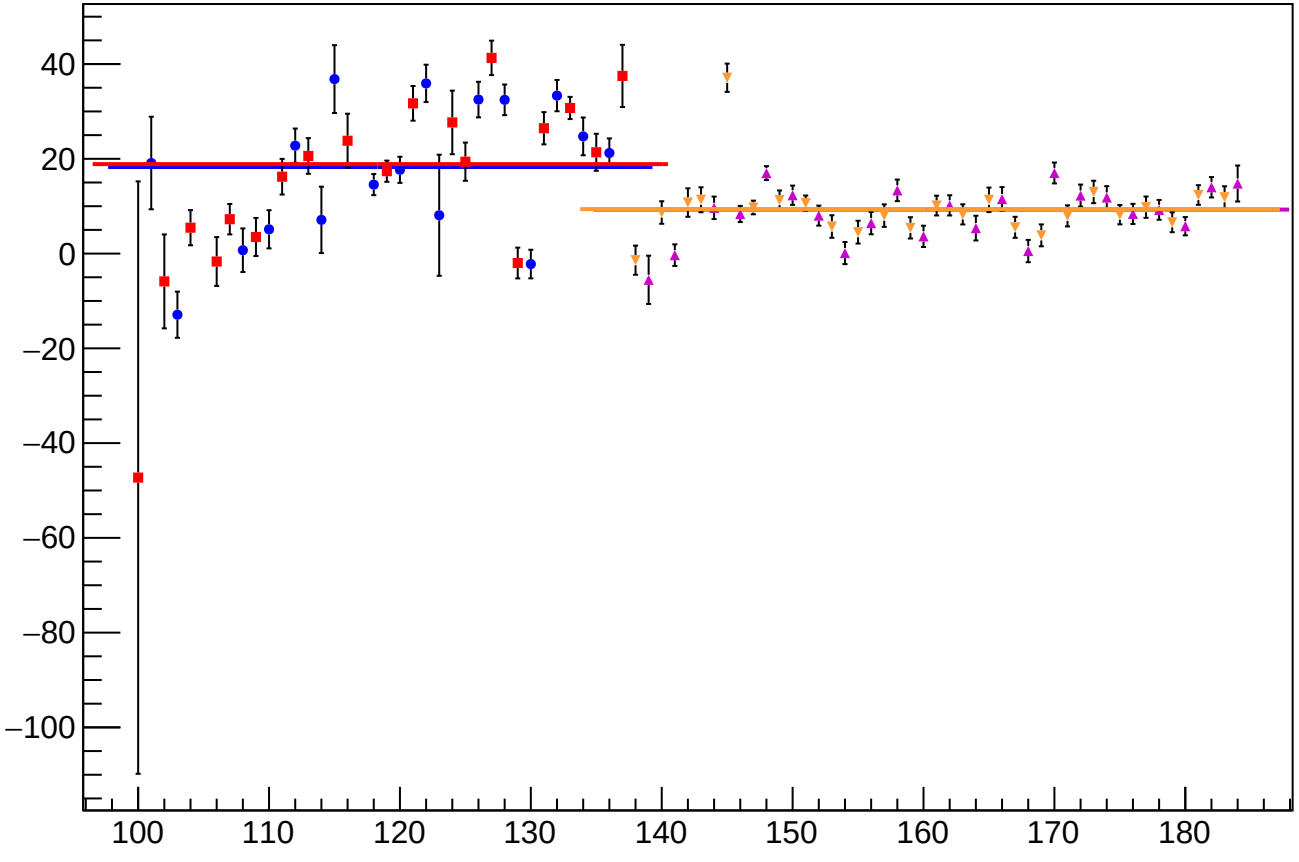
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -49.728+/-0.581 χ^2/NDF:601.0/22

Out: -50.807+/-0.578 χ^2/NDF:752.7/23

All: -50.271+/-0.410 χ^2/NDF: 1355.3/46

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 9.384+/-0.450 χ^2/NDF:128.9/23

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

Left: 9.337+/-0.322 χ^2/NDF: 254.6/46

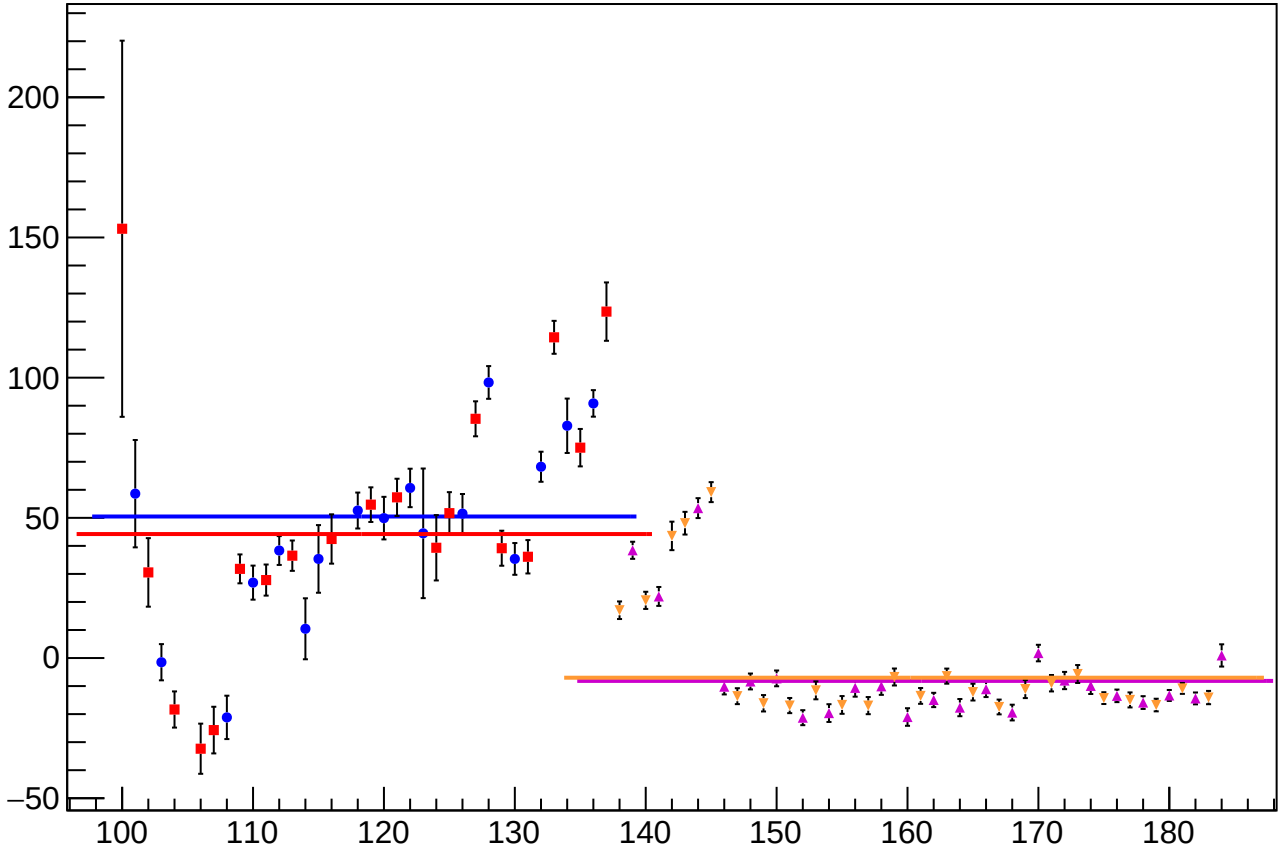
Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 11.137+/-0.411 χ^2/NDF:408.5/39

Out: 11.406+/-0.399 χ^2/NDF:422.4/42

All: 11.275+/-0.286 χ^2/NDF: 831.1/82

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -7.019+/-0.576 χ^2/NDF:899.2/23

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

Left: -7.587+/-0.408 χ^2/NDF: 1655.1/46

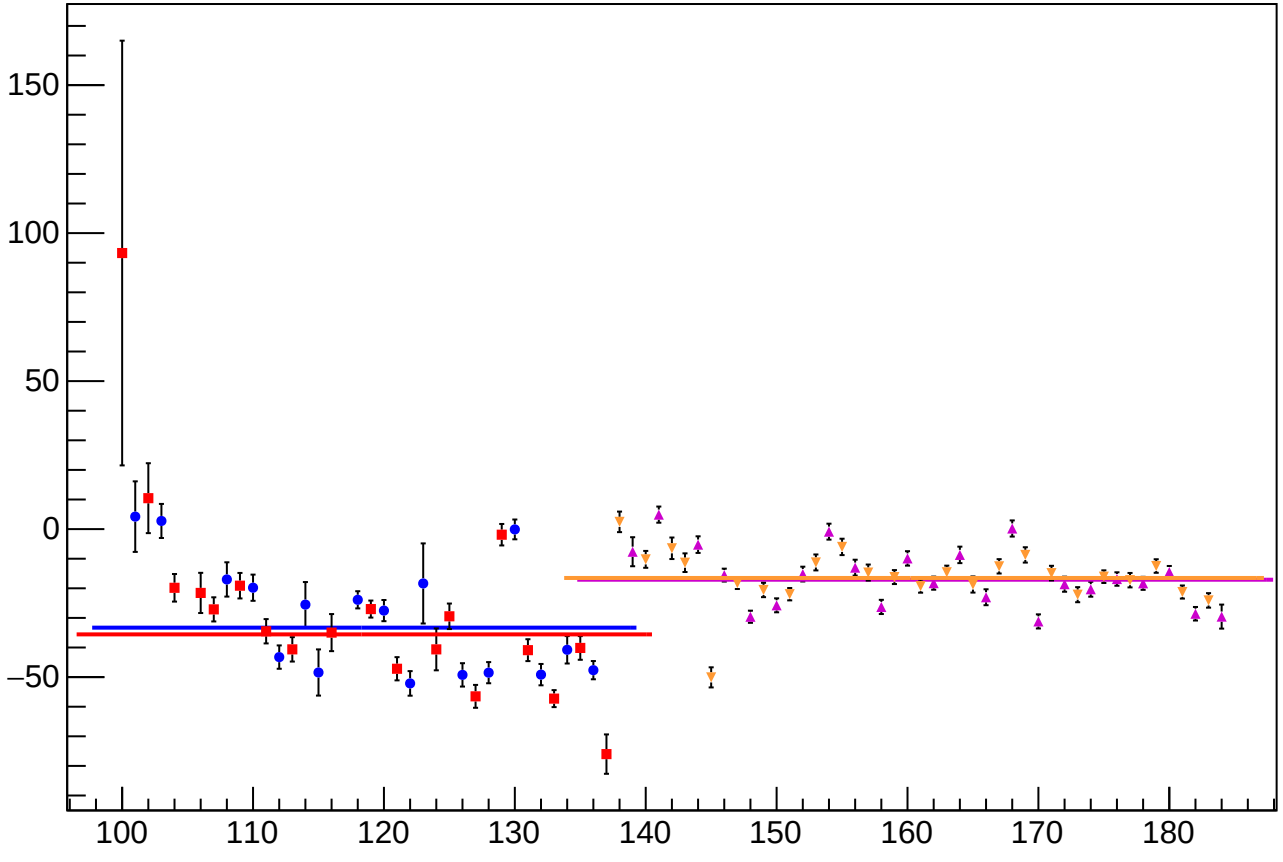
Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: -1.877+/-0.546 χ^2/NDF:2215.4/39

Out: -1.158+/-0.542 χ^2/NDF:2339.1/42

All: -1.515+/-0.385 χ^2/NDF: 4555.4/82

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -16.507+/-0.511 χ^2/NDF:209.2/23

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

Left: -16.799+/-0.365 χ^2/NDF: 537.9/46

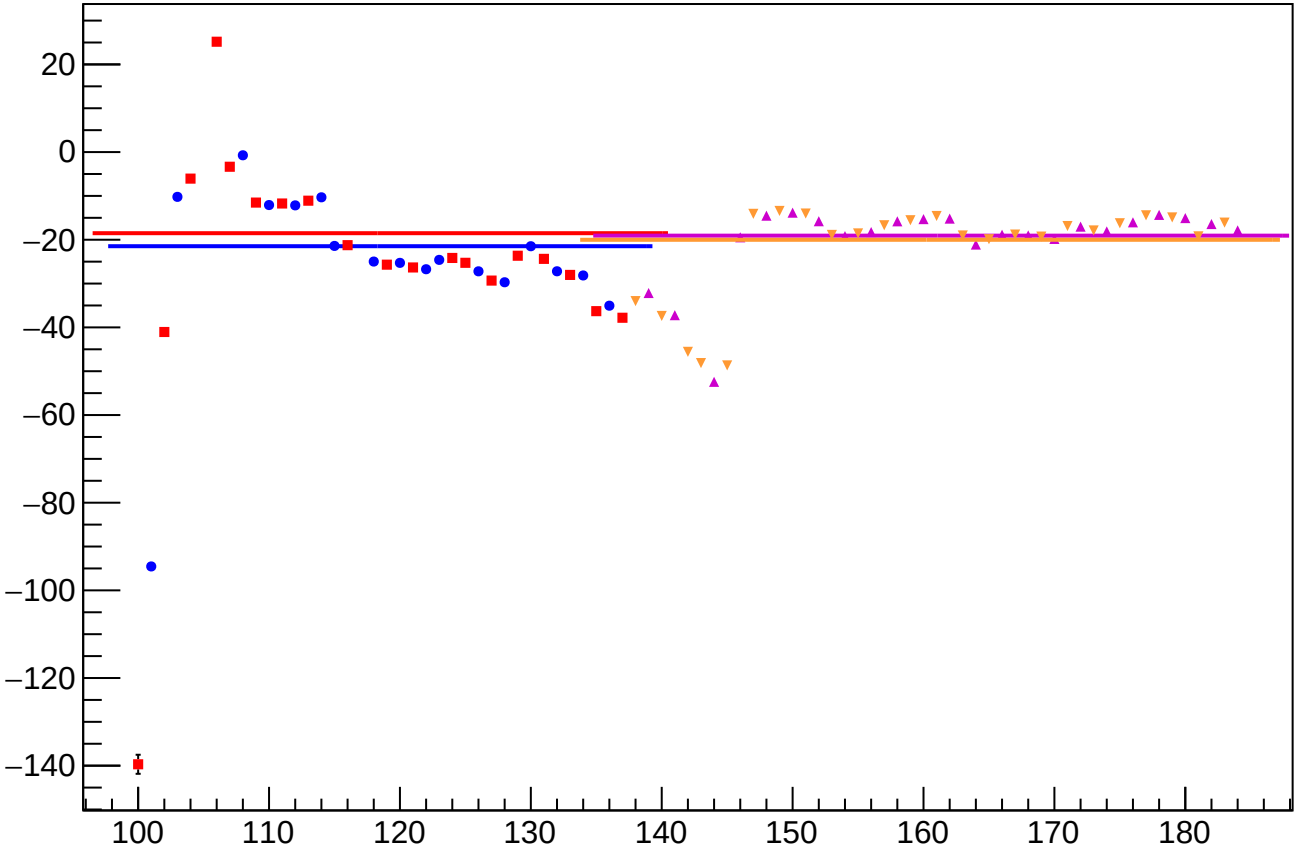
Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -20.378+/-0.465 χ^2/NDF:813.1/39

Out: -20.502+/-0.454 χ^2/NDF:788.3/42

All: -20.442+/-0.325 χ^2/NDF: 1601.4/82

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -20.014+/-0.024 χ^2/NDF:140126.3/23

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

Left: -19.541+/-0.017 χ^2/NDF: 233634.0/46

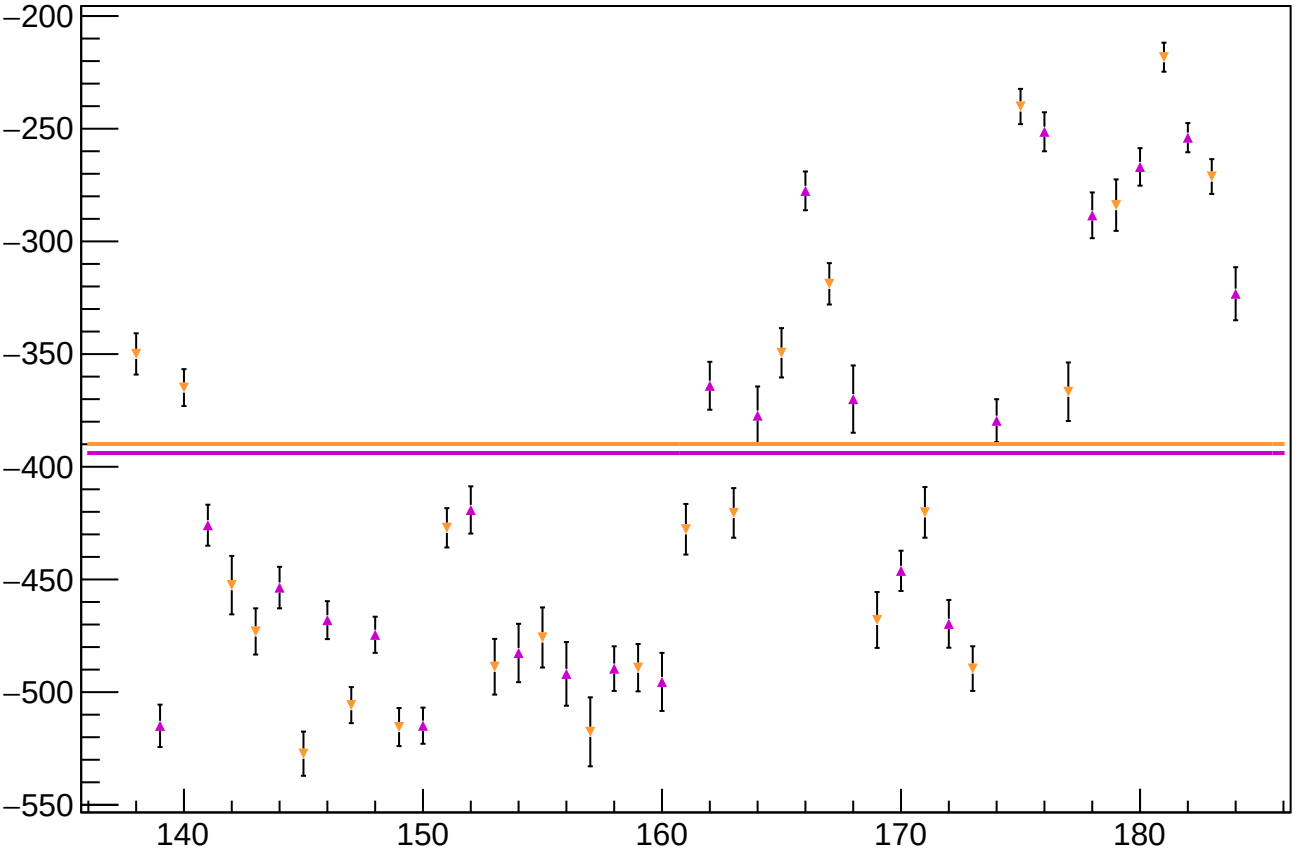
Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -19.403+/-0.022 χ^2/NDF:143162.0/39

Out: -19.796+/-0.022 χ^2/NDF:221452.1/42

All: -19.600+/-0.015 χ^2/NDF: 364776.5/82

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -389.898+/-1.989 χ^2/NDF:2669.5/23

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

Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

Left: -391.891+/-1.409 χ^2/NDF: 4952.3/46

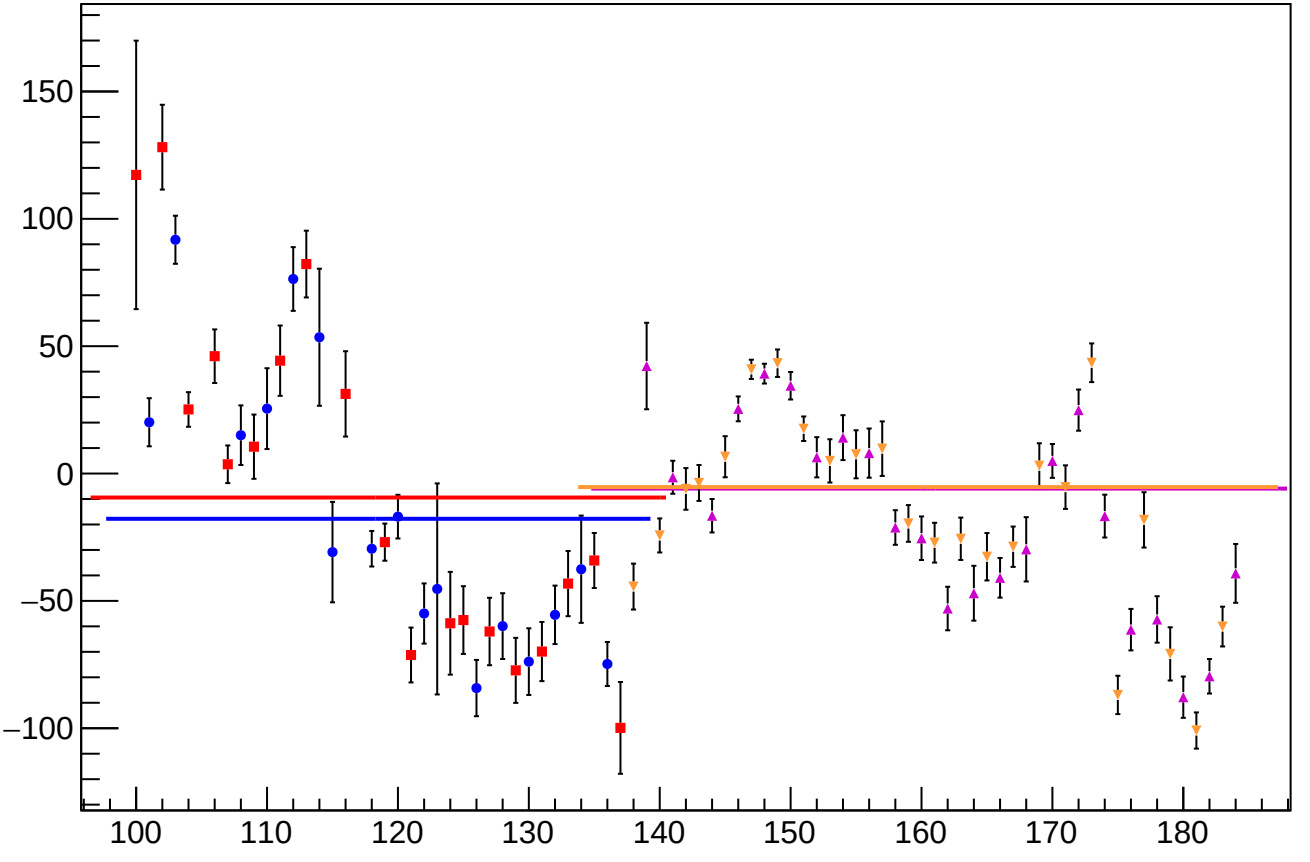
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -393.904+/-1.998 χ^2/NDF:2280.8/22

Out: -389.898+/-1.989 χ^2/NDF:2669.5/23

All: -391.891+/-1.409 χ^2/NDF: 4952.3/46

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: -5.319+/-1.476 χ^2/NDF:752.5/23

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

Left: -5.605+/-1.057 χ^2/NDF: 1410.1/46

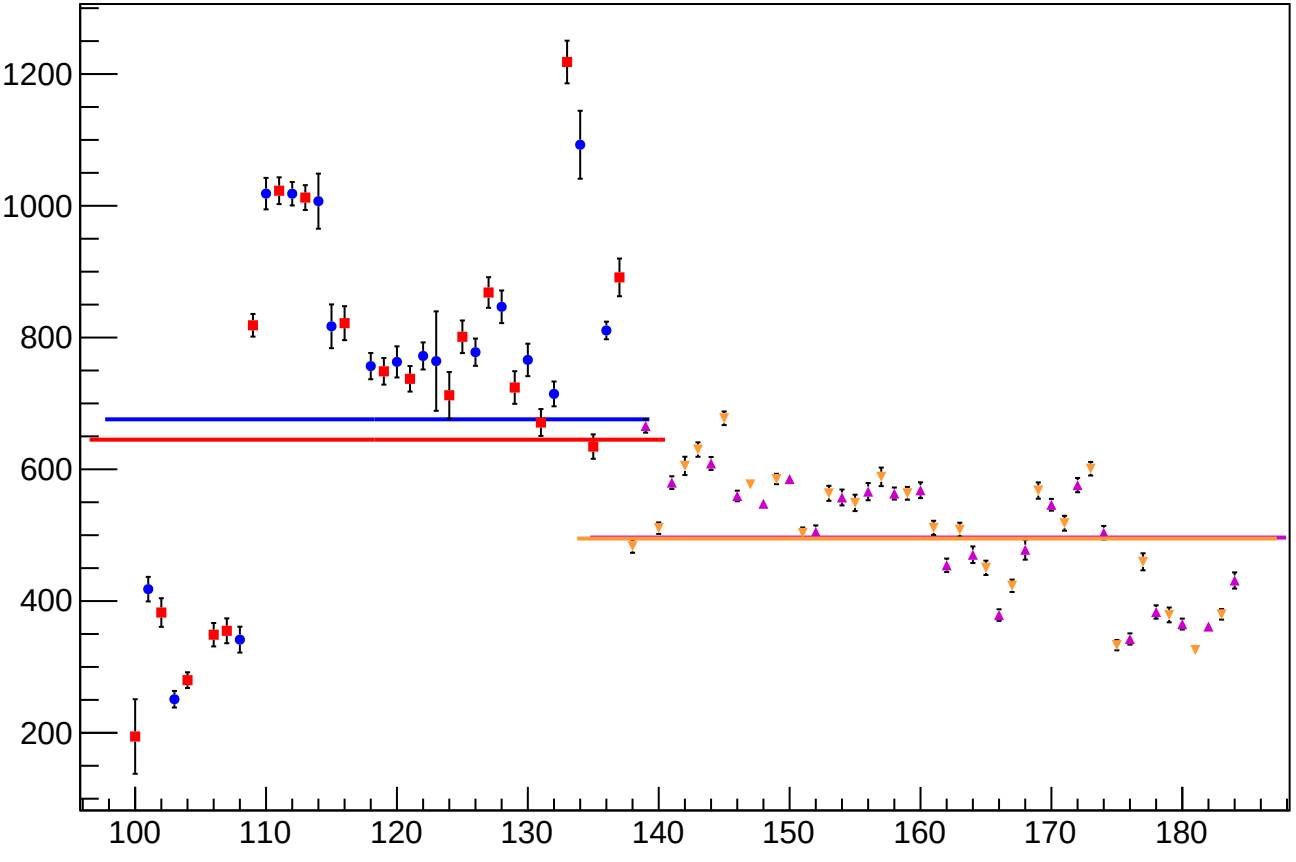
Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: -8.614+/-1.329 χ^2/NDF:1035.4/39

Out: -6.310+/-1.285 χ^2/NDF:1124.0/42

All: -7.423+/-0.924 χ^2/NDF: 2160.9/82

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 494.909+/-1.986 χ^2/NDF:2543.2/23

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

Left: 495.651+/-1.404 χ^2/NDF: 4839.3/46

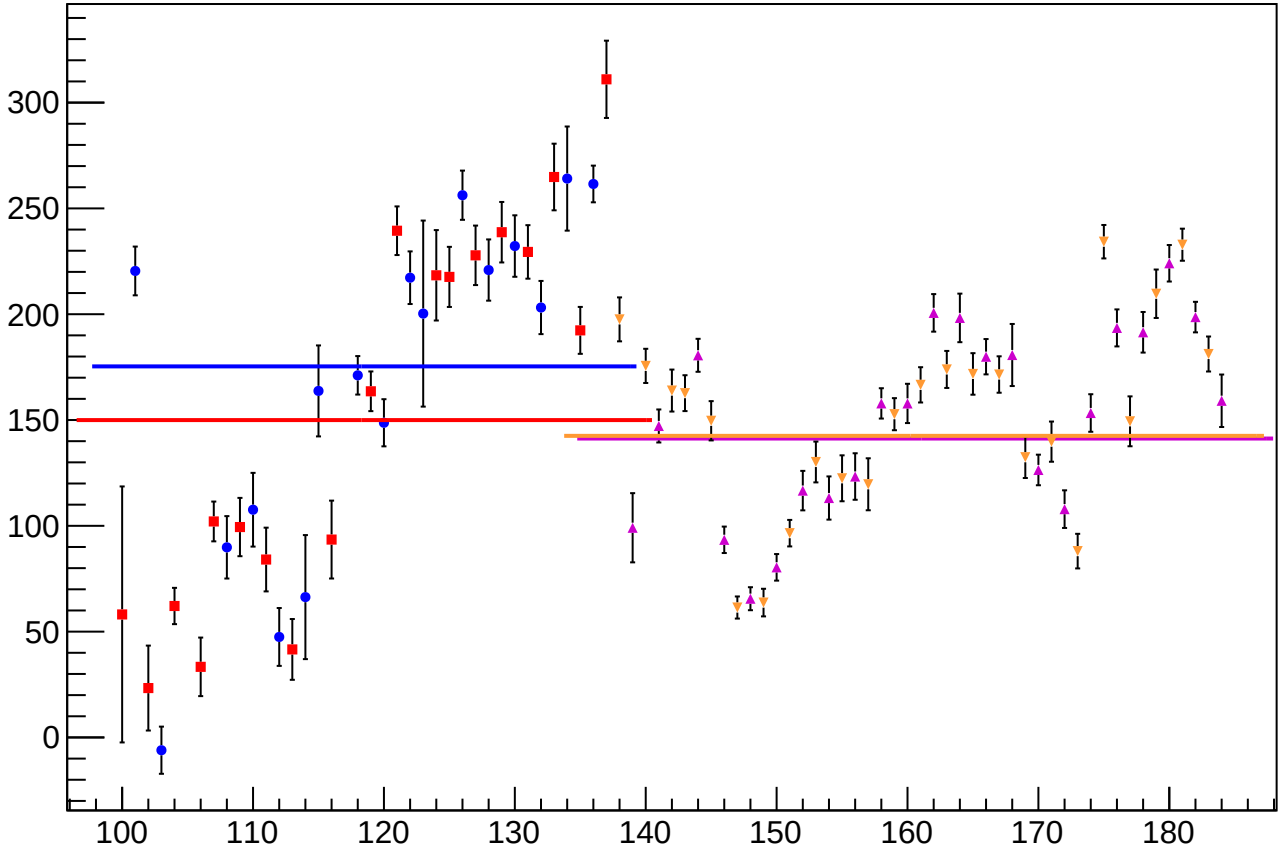
Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 520.529+/-1.847 χ^2/NDF:5981.0/39

Out: 517.152+/-1.833 χ^2/NDF:6513.3/42

All: 518.827+/-1.301 χ^2/NDF: 12496.0/82

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 142.517+/-1.715 χ^2/NDF:927.3/23

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

Left: 141.893+/-1.223 χ^2/NDF: 1671.8/46

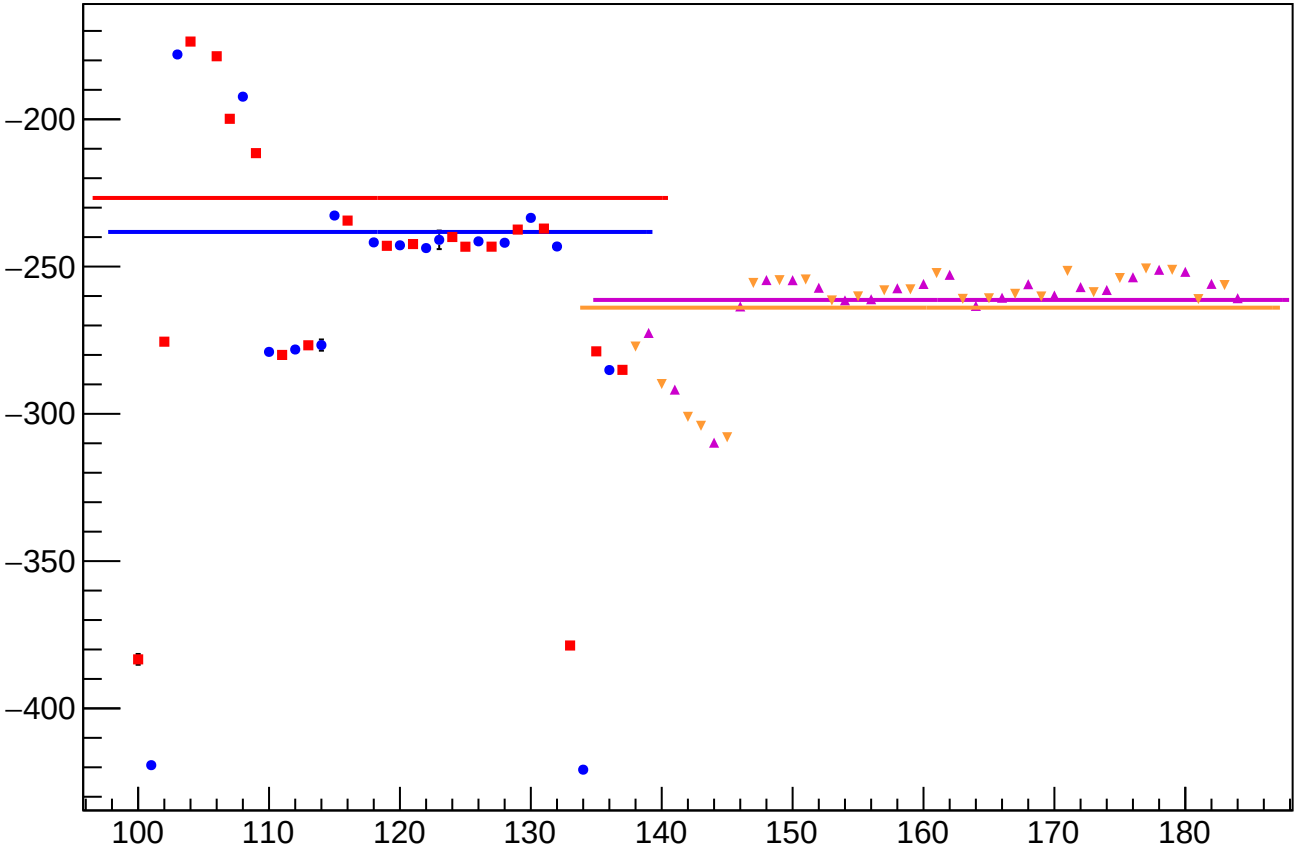
Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 149.044+/-1.532 χ^2/NDF:1470.0/39

Out: 144.311+/-1.495 χ^2/NDF:1625.0/42

All: 146.620+/-1.070 χ^2/NDF: 3100.0/82

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -263.951+/-0.082 χ^2/NDF:37567.9/23

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

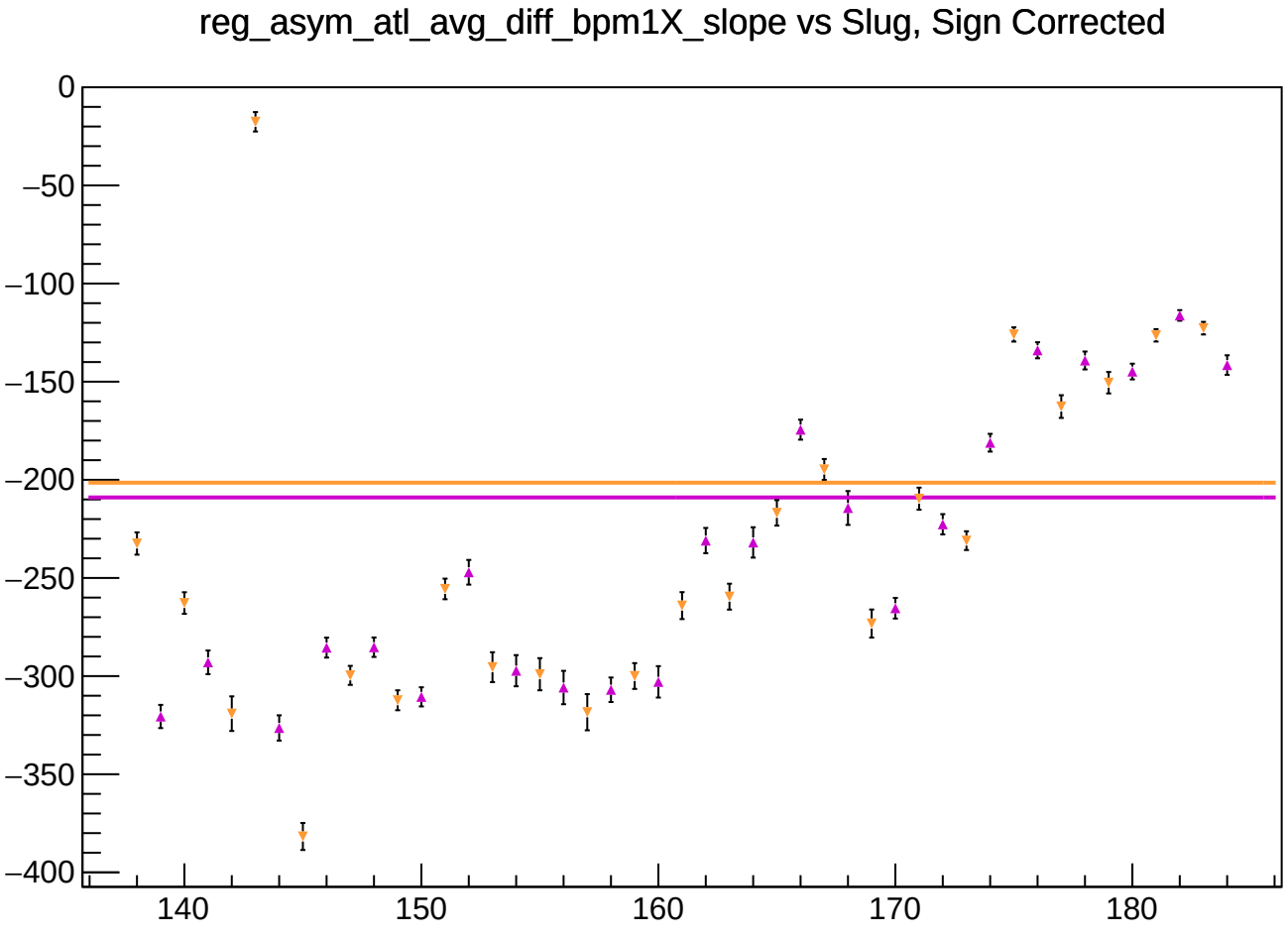
Left: -262.628+/-0.058 χ^2/NDF: 61530.2/46

Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -256.554+/-0.073 χ^2/NDF:207093.2/39

Out: -255.433+/-0.072 χ^2/NDF:187262.6/42

All: -255.990+/-0.051 χ^2/NDF: 394475.3/82



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

Left Out: -201.463+/-1.080 χ^2/NDF:6108.8/23

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

Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

Left: -205.228+/-0.763 χ^2/NDF: 10998.3/46

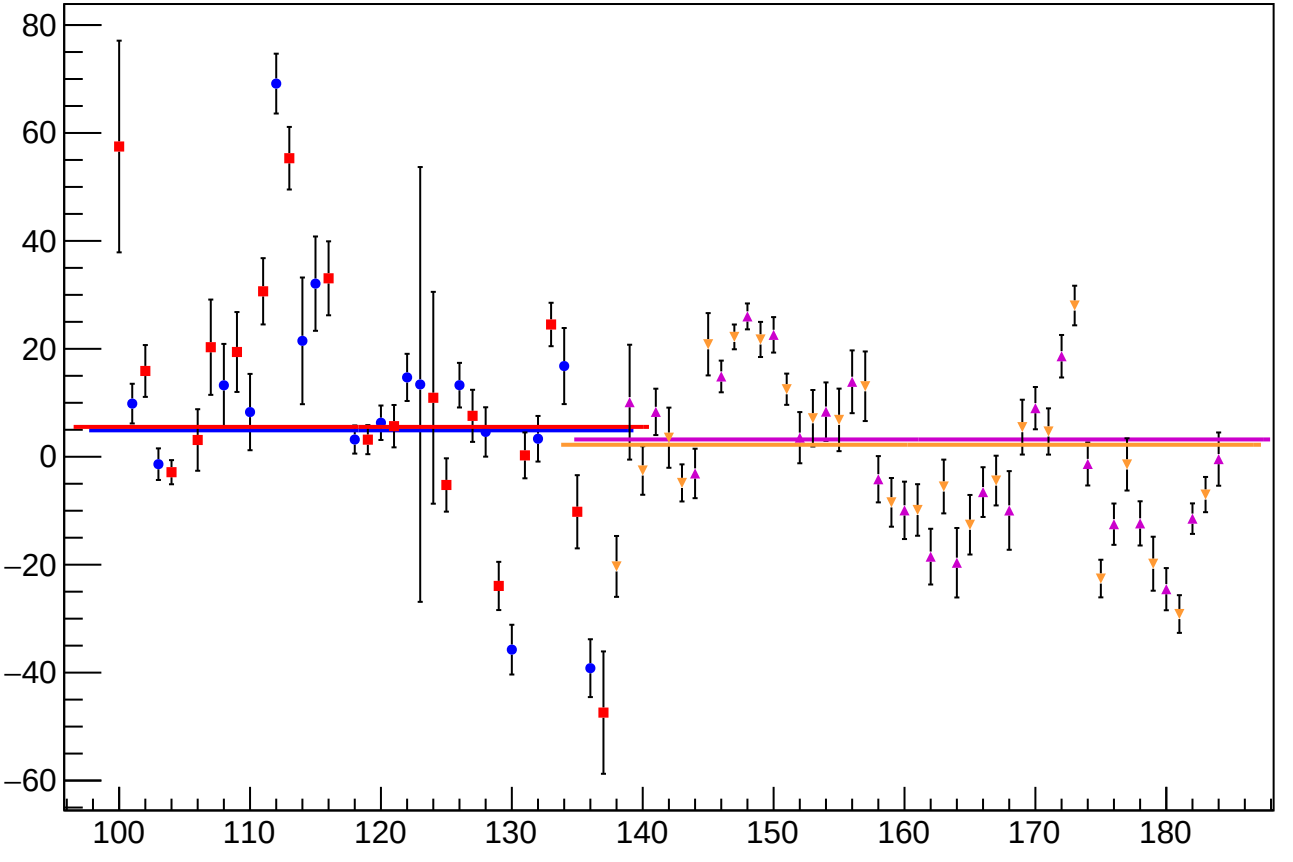
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -208.981+/-1.078 χ^2/NDF:4865.2/22

Out: -201.463+/-1.080 χ^2/NDF:6108.8/23

All: -205.228+/-0.763 χ^2/NDF: 10998.3/46

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: 2.223+/-0.832 χ^2/NDF:393.6/23

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

Left: 2.703+/-0.596 χ^2/NDF: 718.1/46

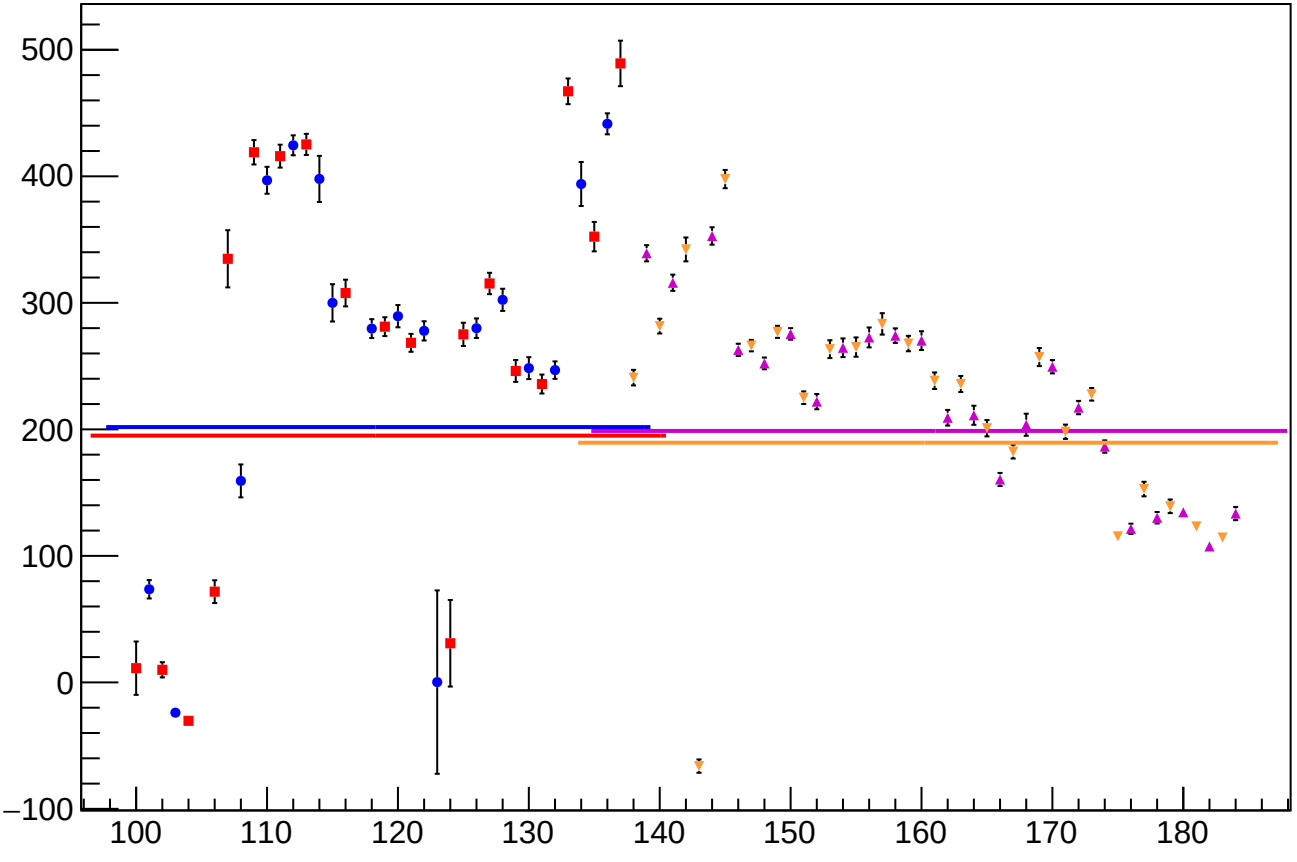
Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 3.851+/-0.672 χ^2/NDF:637.3/39

Out: 3.470+/-0.657 χ^2/NDF:638.6/42

All: 3.656+/-0.470 χ^2/NDF: 1276.1/82

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: 189.444+/-1.083 χ^2/NDF:6649.7/23

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

Left: 194.125+/-0.764 χ^2/NDF: 11276.9/46

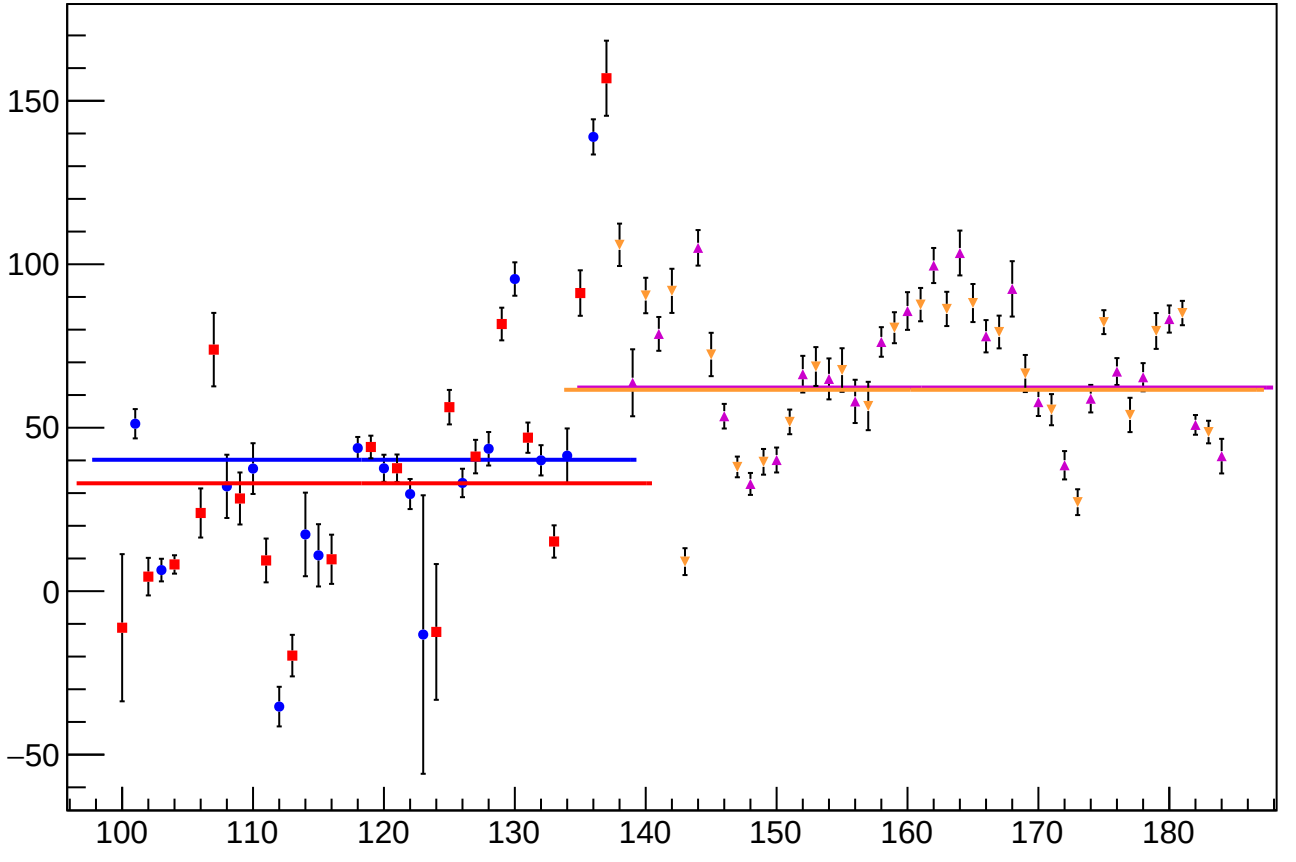
Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 199.463+/-0.946 χ^2/NDF:11346.1/39

Out: 190.793+/-0.944 χ^2/NDF:14913.2/42

All: 195.120+/-0.668 χ^2/NDF: 26301.4/82

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: 61.605+/-0.956 χ^2/NDF:632.4/23

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

Left: 61.942+/-0.681 χ^2/NDF: 1044.3/46

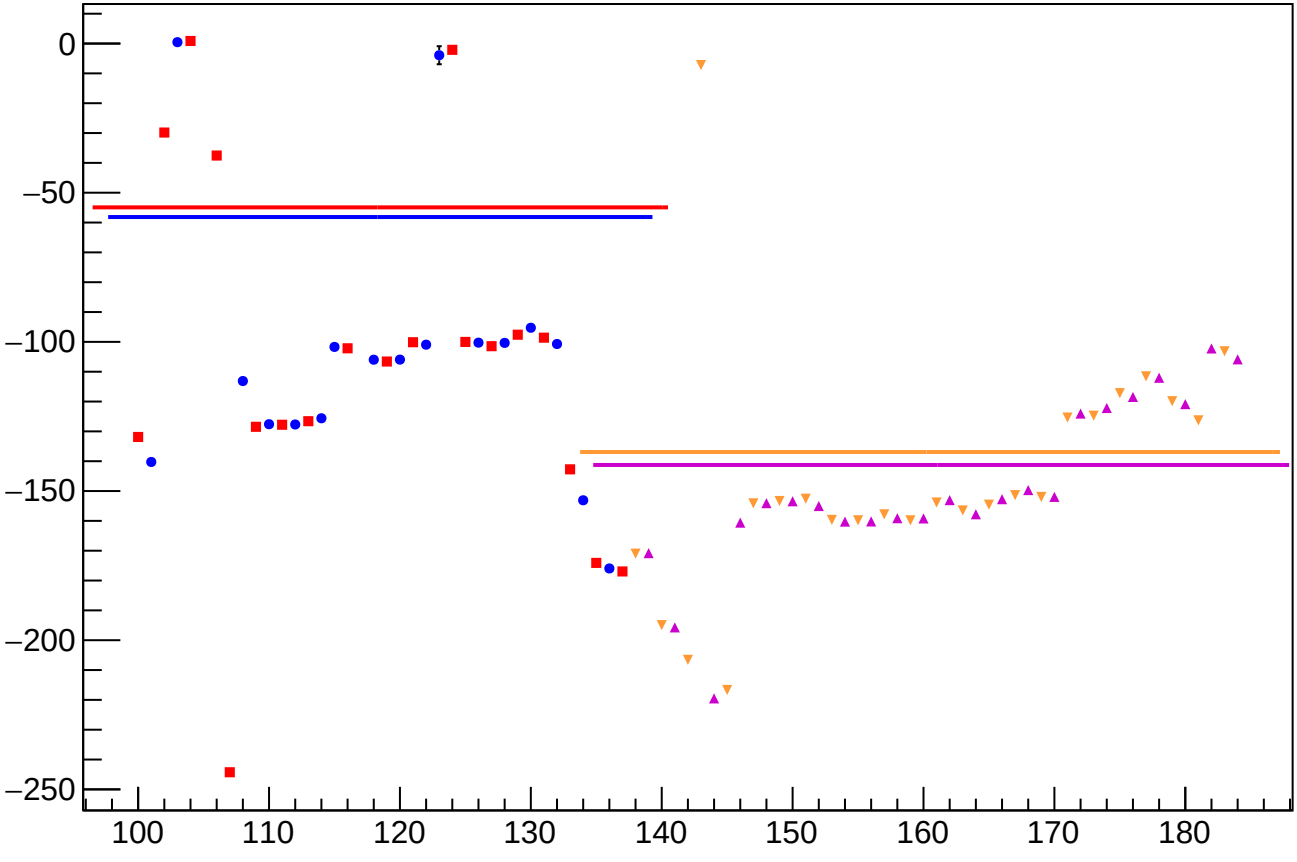
Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 54.117+/-0.771 χ^2/NDF:1338.0/39

Out: 51.073+/-0.760 χ^2/NDF:1516.1/42

All: 52.573+/-0.541 χ^2/NDF: 2862.0/82

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: -136.922+/-0.045 χ^2/NDF:723005.7/23

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

Left: -139.107+/-0.032 χ^2/NDF: 1077639.7/46

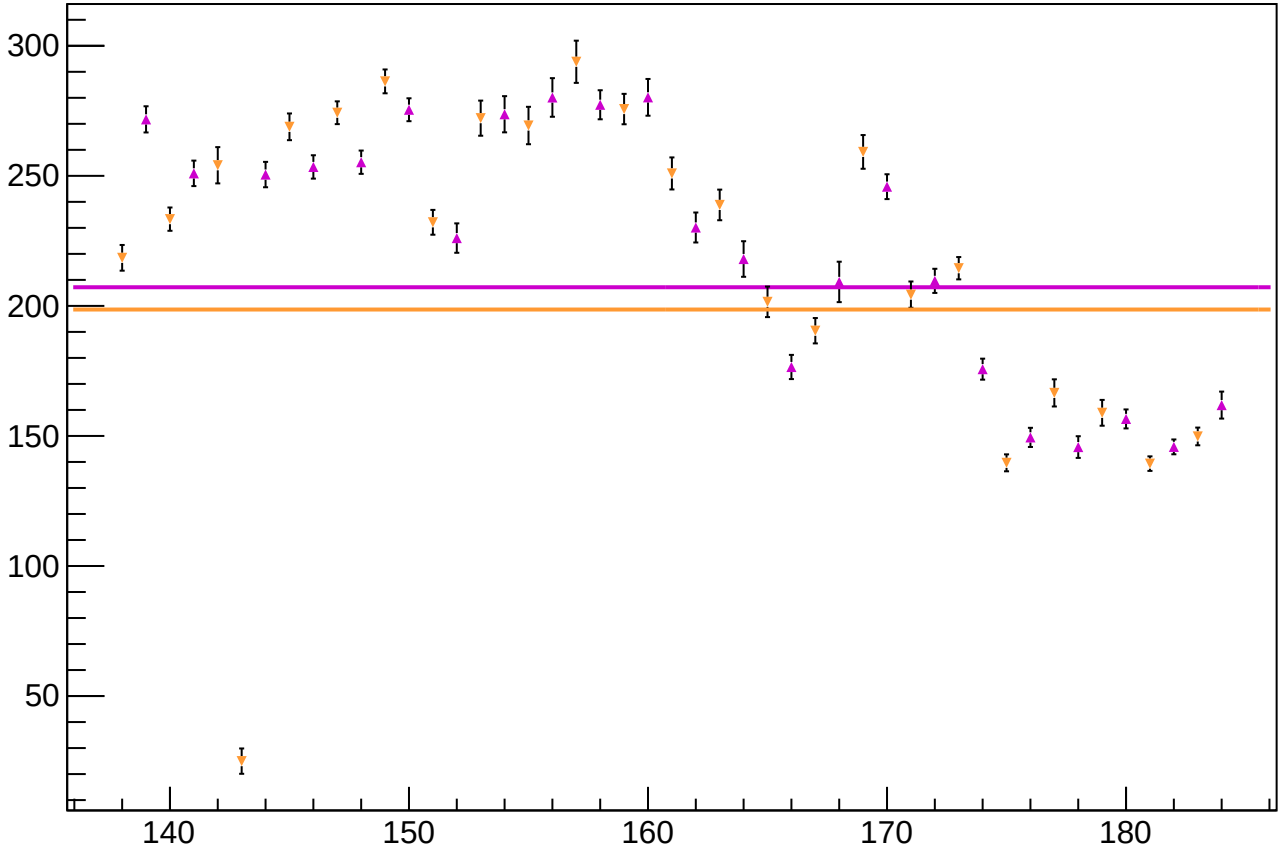
Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -112.236+/-0.036 χ^2/NDF:2641000.7/39

Out: -107.170+/-0.036 χ^2/NDF:2908573.3/42

All: -109.695+/-0.026 χ^2/NDF: 5559298.6/82

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 198.605+/-0.976 χ^2/NDF:4146.5/23

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

Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

Left: 202.844+/-0.694 χ^2/NDF: 6816.2/46

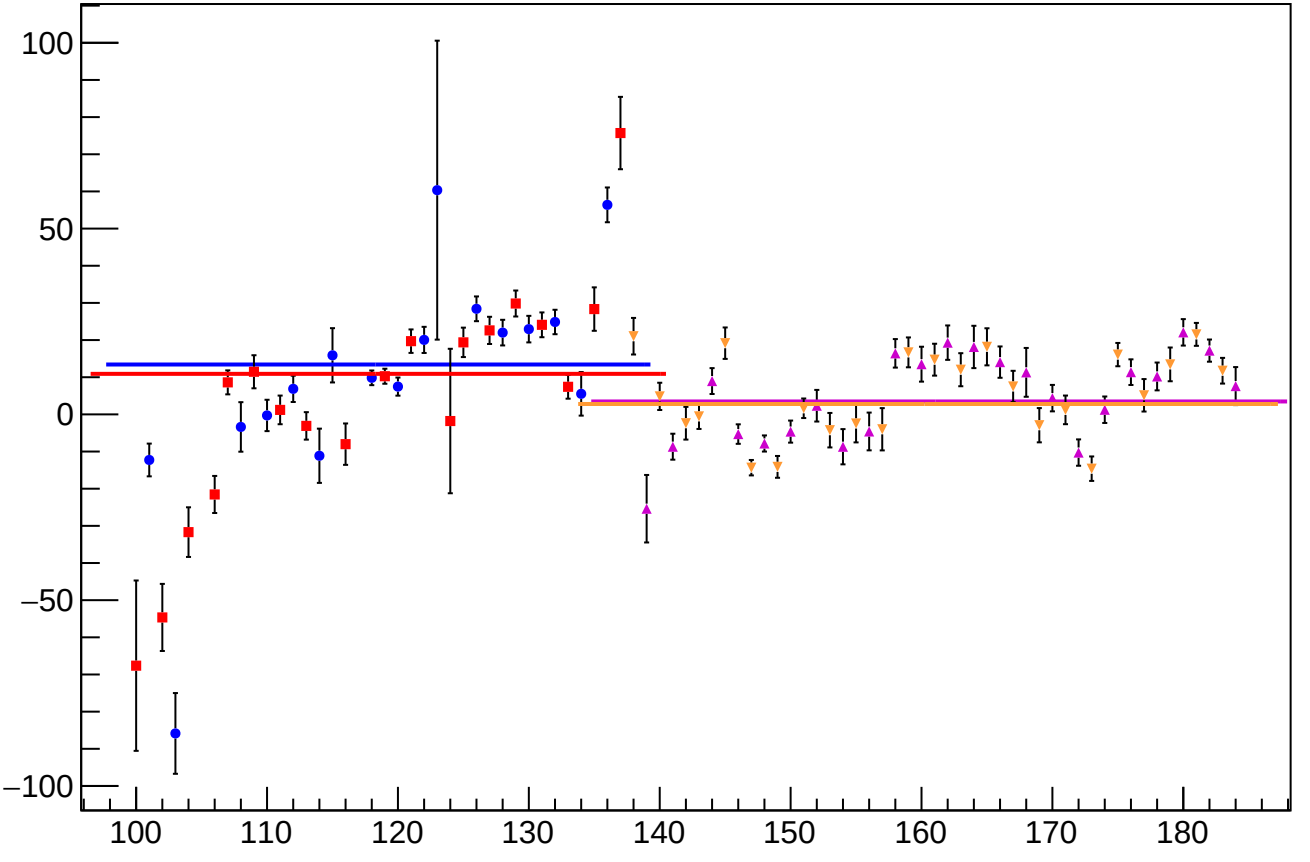
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 207.171+/-0.986 χ^2/NDF:2631.6/22

Out: 198.605+/-0.976 χ^2/NDF:4146.5/23

All: 202.844+/-0.694 χ^2/NDF: 6816.2/46

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: 2.797+/-0.750 χ^2/NDF:269.5/23

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

Left: 3.128+/-0.538 χ^2/NDF: 464.5/46

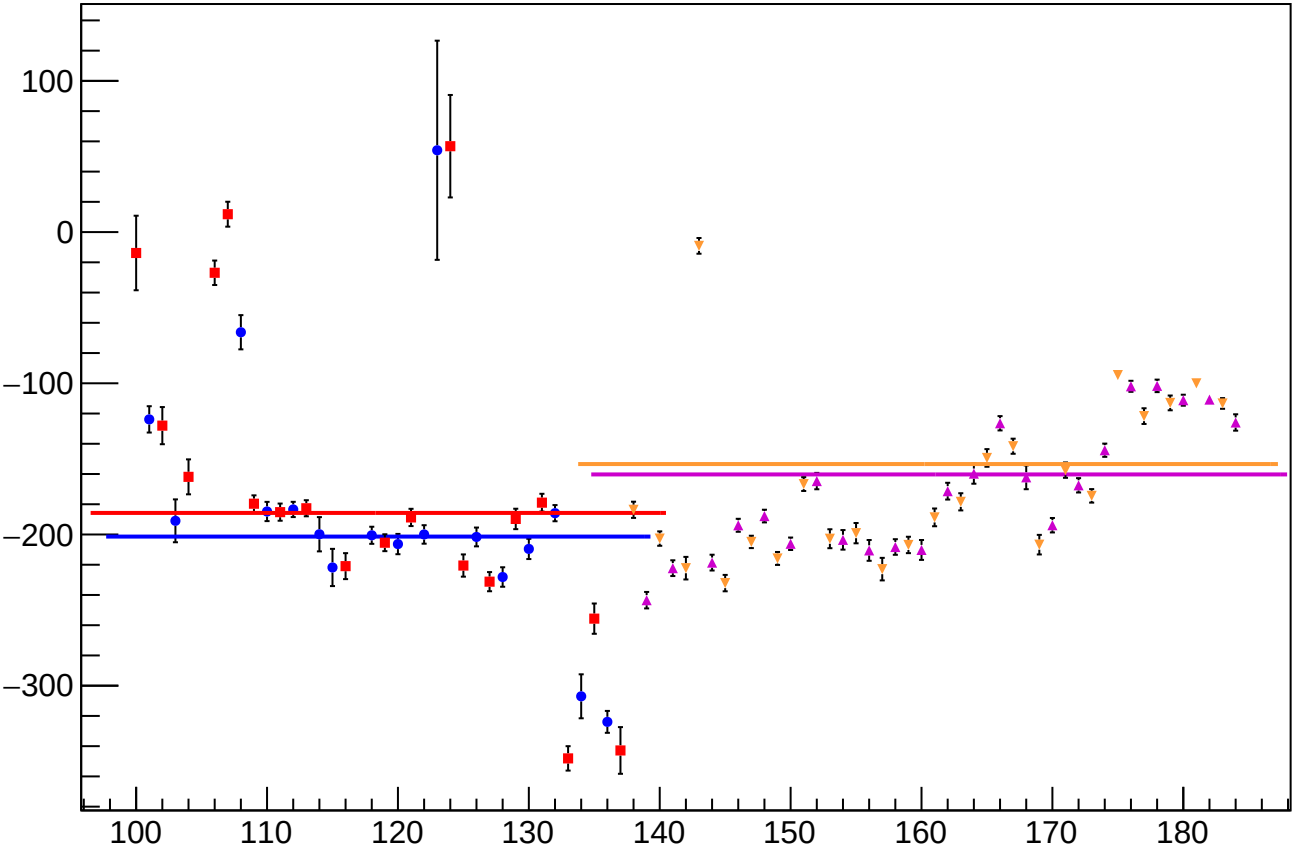
Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 7.589+/-0.591 χ^2/NDF:558.5/39

Out: 6.050+/-0.580 χ^2/NDF:619.0/42

All: 6.805+/-0.414 χ^2/NDF: 1181.0/82

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: -153.416+/-0.979 χ^2/NDF:2927.8/23

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

Left: -156.826+/-0.694 χ^2/NDF: 5001.6/46

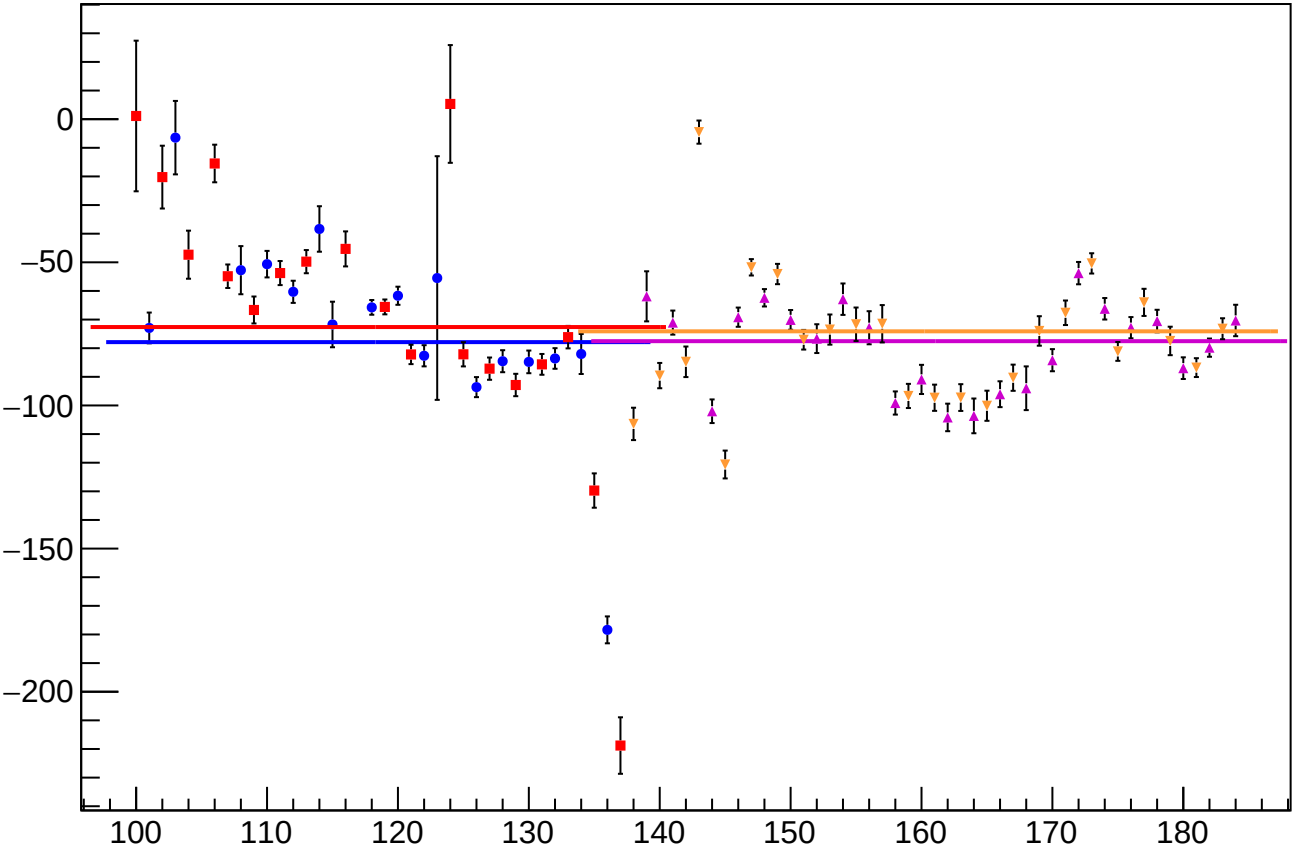
Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -169.919+/-0.862 χ^2/NDF:3081.4/39

Out: -161.463+/-0.848 χ^2/NDF:4948.5/42

All: -165.624+/-0.605 χ^2/NDF: 8078.8/82

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: -74.107+/-0.862 χ^2/NDF:717.7/23

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

Left: -75.790+/-0.616 χ^2/NDF: 978.2/46

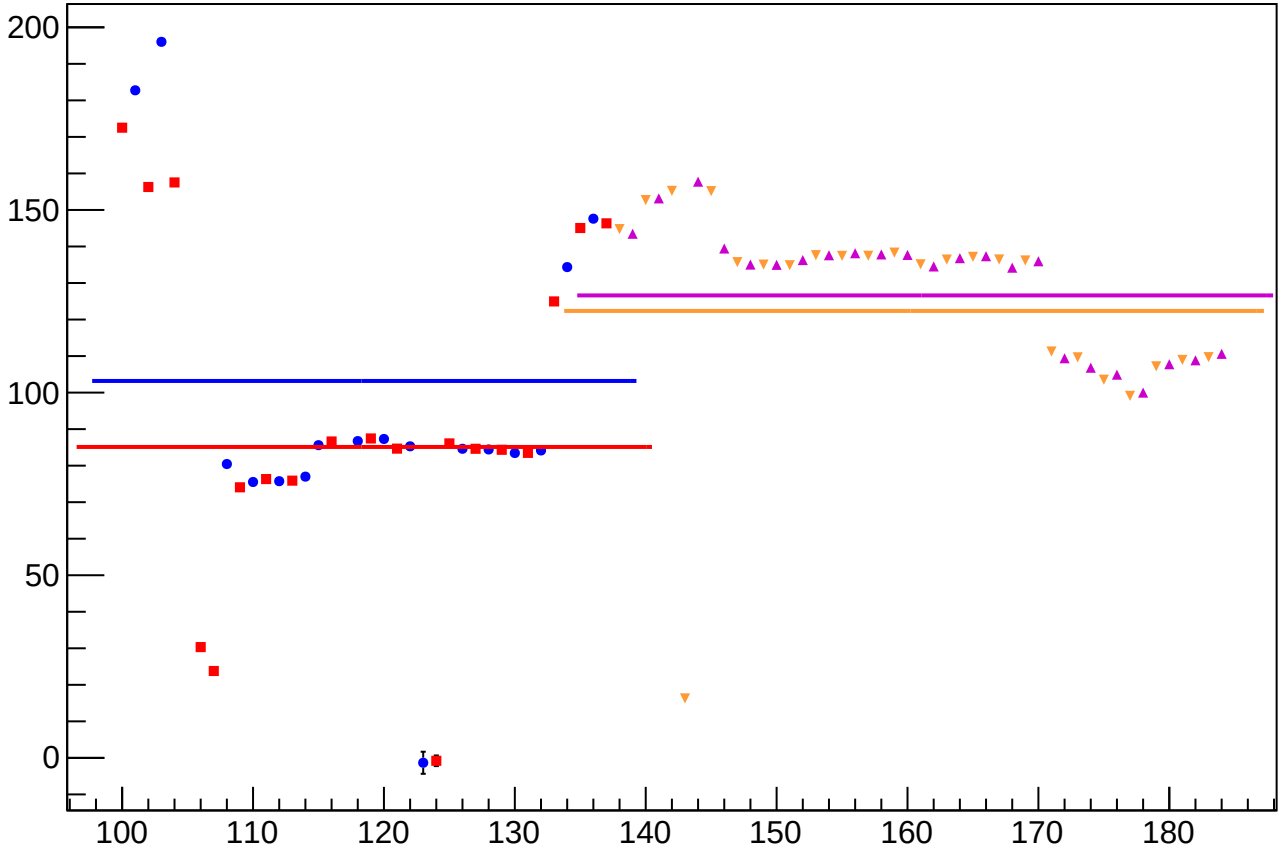
Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -77.680+/-0.679 χ^2/NDF:911.0/39

Out: -73.508+/-0.667 χ^2/NDF:1325.8/42

All: -75.558+/-0.476 χ^2/NDF: 2256.0/82

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: 122.359+/-0.041 χ^2/NDF:435630.9/23

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

Left: 124.484+/-0.029 χ^2/NDF: 605772.4/46

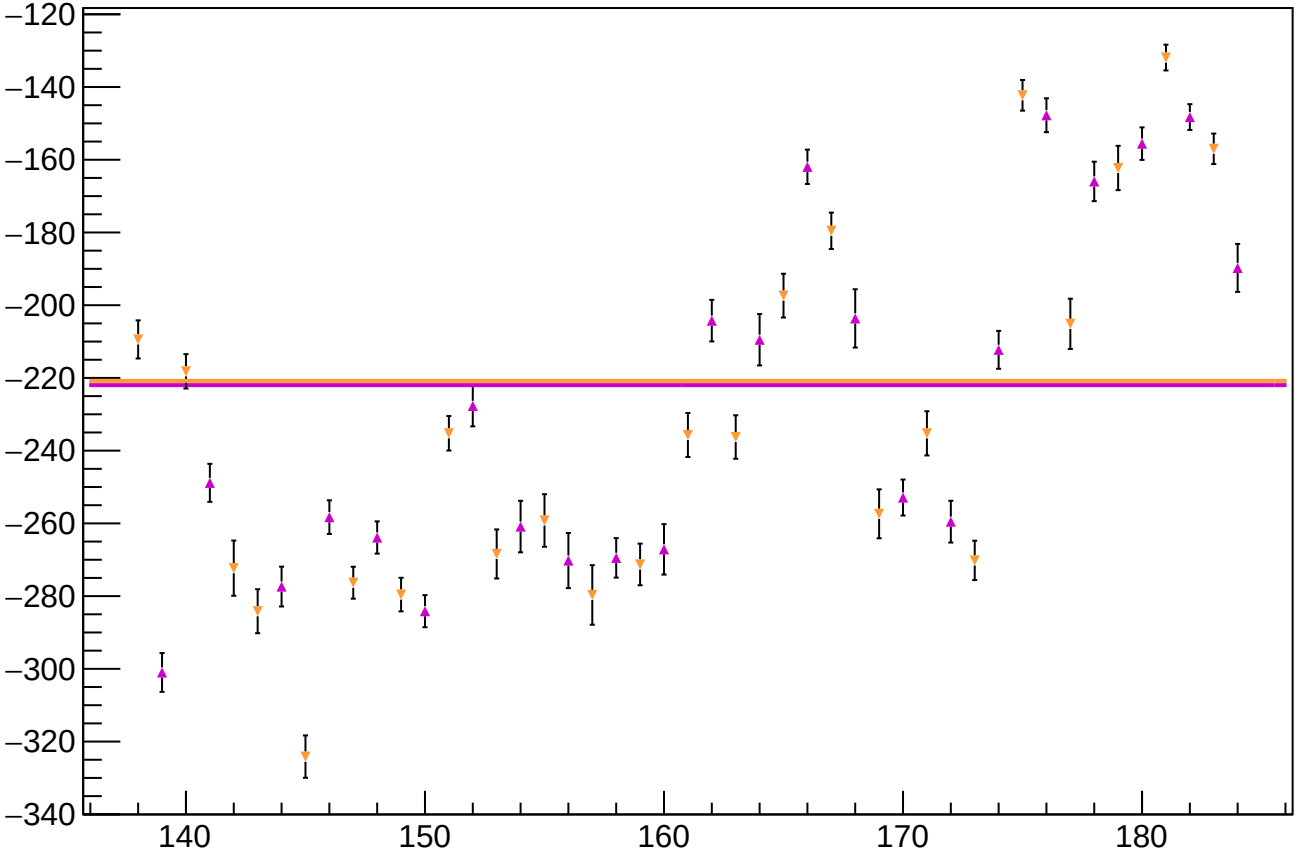
Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 120.689+/-0.035 χ^2/NDF:521189.8/39

Out: 111.479+/-0.034 χ^2/NDF:1100851.6/42

All: 115.965+/-0.025 χ^2/NDF: 1656862.5/82

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -220.806+/-1.096 χ^2/NDF:2533.6/23

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

Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

Left: -221.392+/-0.776 χ^2/NDF: 4724.8/46

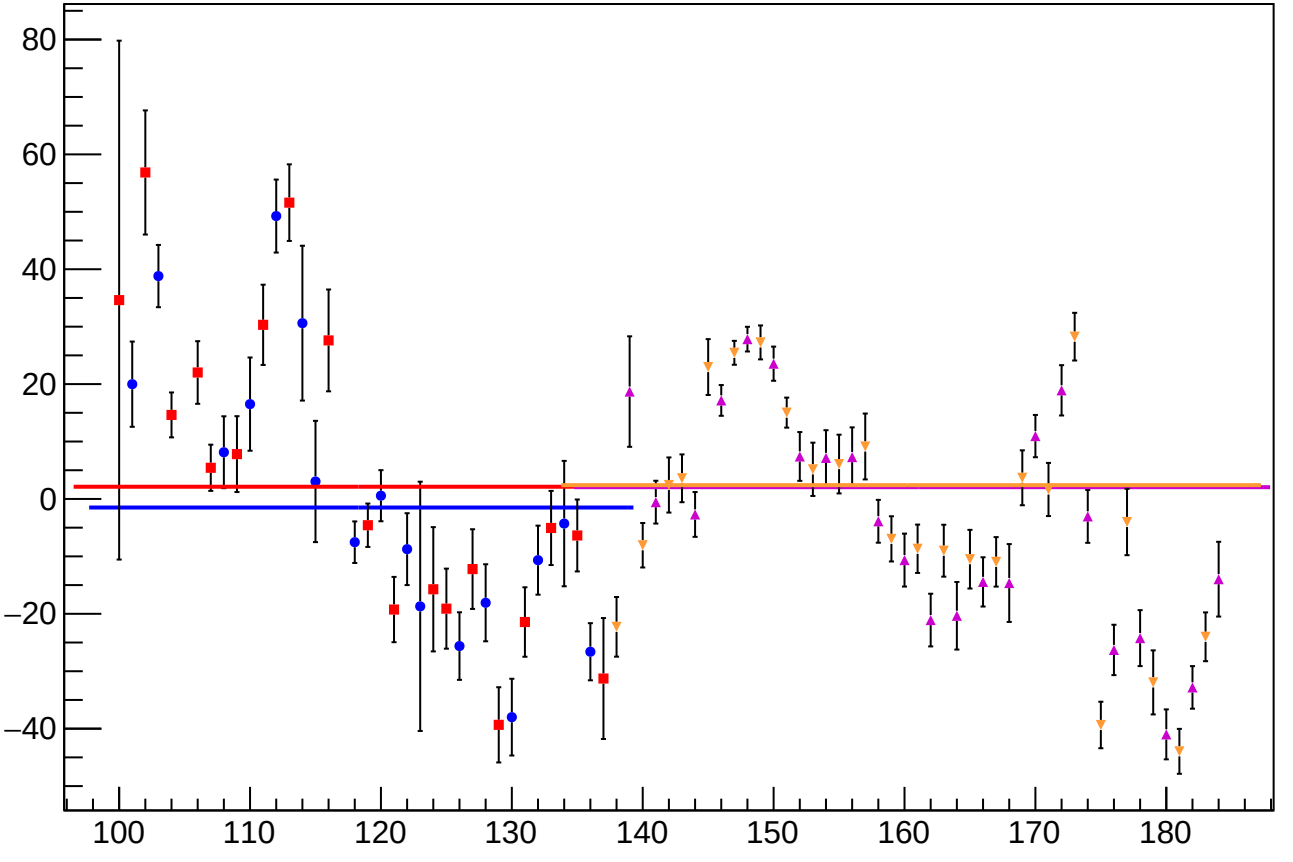
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -221.980+/-1.098 χ^2/NDF:2190.6/22

Out: -220.806+/-1.096 χ^2/NDF:2533.6/23

All: -221.392+/-0.776 χ^2/NDF: 4724.8/46

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: 2.402+/-0.814 χ^2/NDF:665.0/23

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

Left: 2.230+/-0.582 χ^2/NDF: 1257.7/46

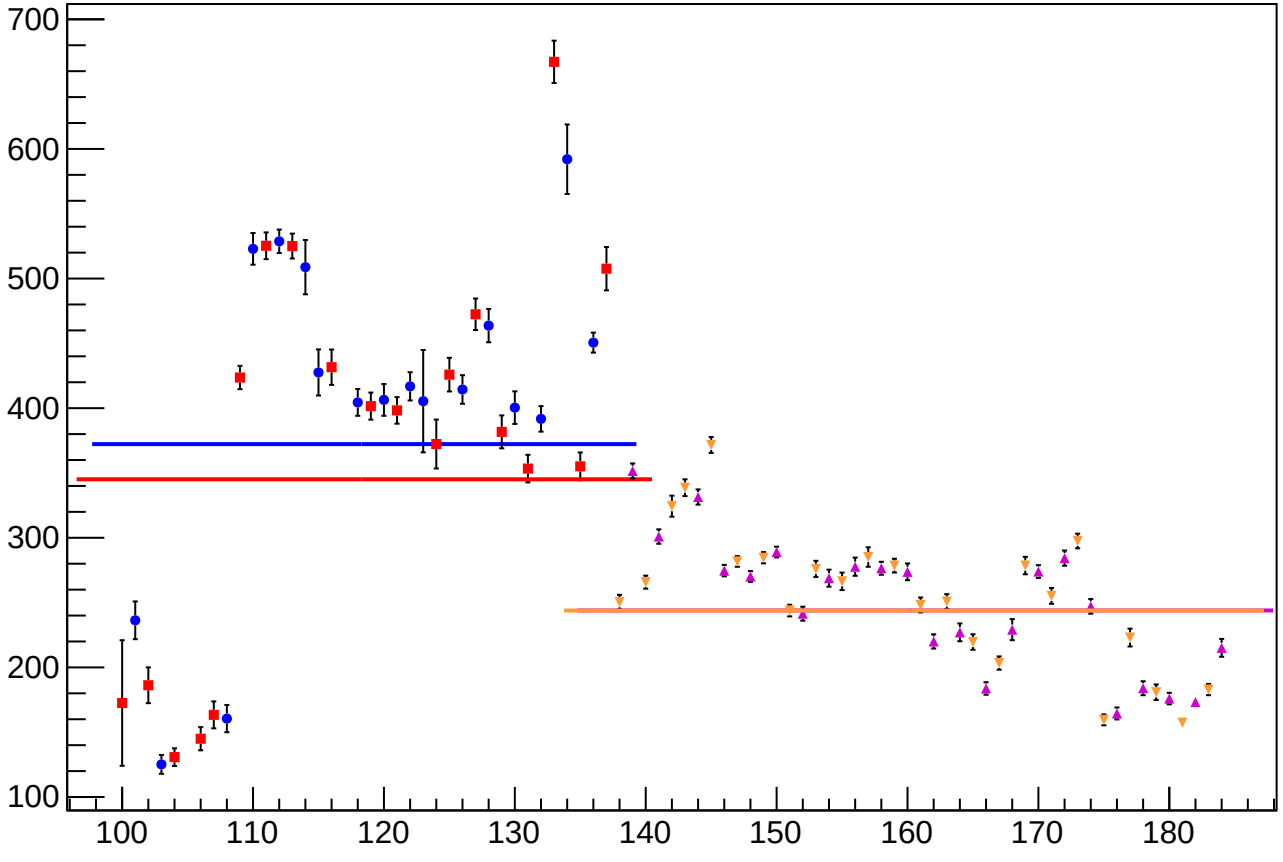
Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: 1.226+/-0.730 χ^2/NDF:822.9/39

Out: 2.333+/-0.704 χ^2/NDF:897.7/42

All: 1.799+/-0.507 χ^2/NDF: 1721.8/82

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: 243.876+/-1.093 χ^2/NDF:2526.2/23

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

Left: 243.905+/-0.772 χ^2/NDF: 4820.9/46

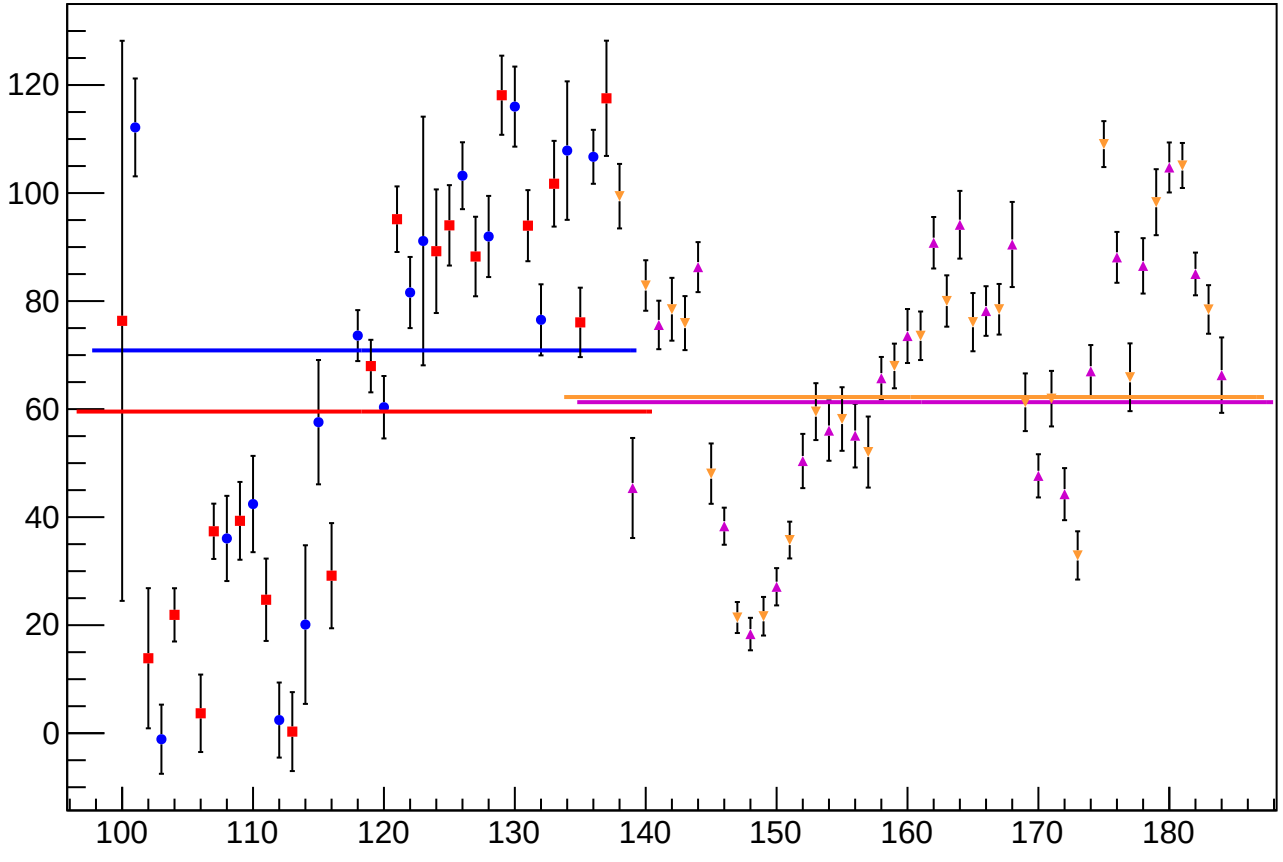
Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 261.256+/-1.014 χ^2/NDF:6598.7/39

Out: 259.460+/-1.005 χ^2/NDF:7264.2/42

All: 260.350+/-0.714 χ^2/NDF: 13864.5/82

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: 62.236+/-0.945 χ^2/NDF:834.0/23

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

Left: 61.768+/-0.673 χ^2/NDF: 1537.3/46

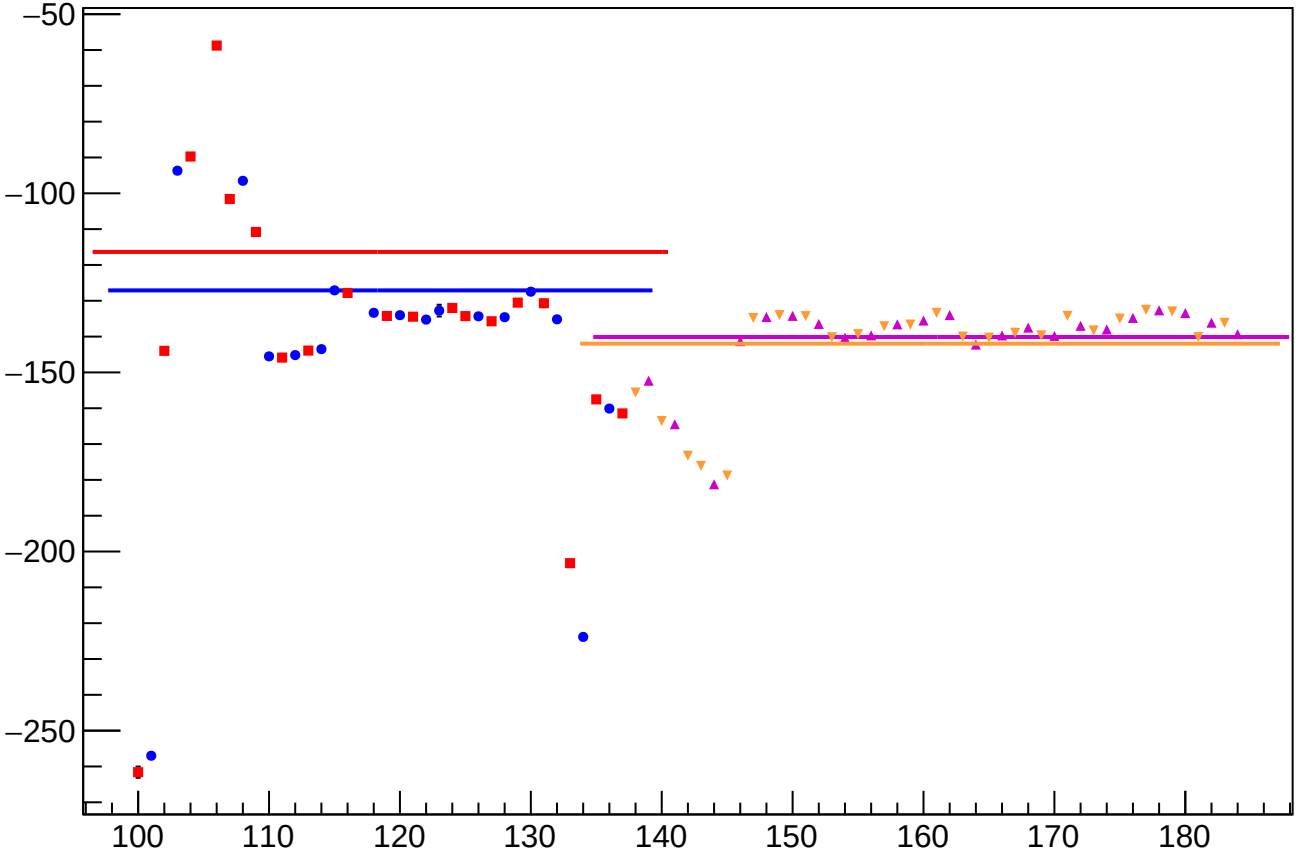
Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 63.512+/-0.840 χ^2/NDF:1153.0/39

Out: 61.561+/-0.818 χ^2/NDF:1327.0/42

All: 62.511+/-0.586 χ^2/NDF: 2482.7/82

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: -141.976+/-0.045 χ^2/NDF:77064.6/23

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

Left: -141.035+/-0.032 χ^2/NDF: 126321.0/46

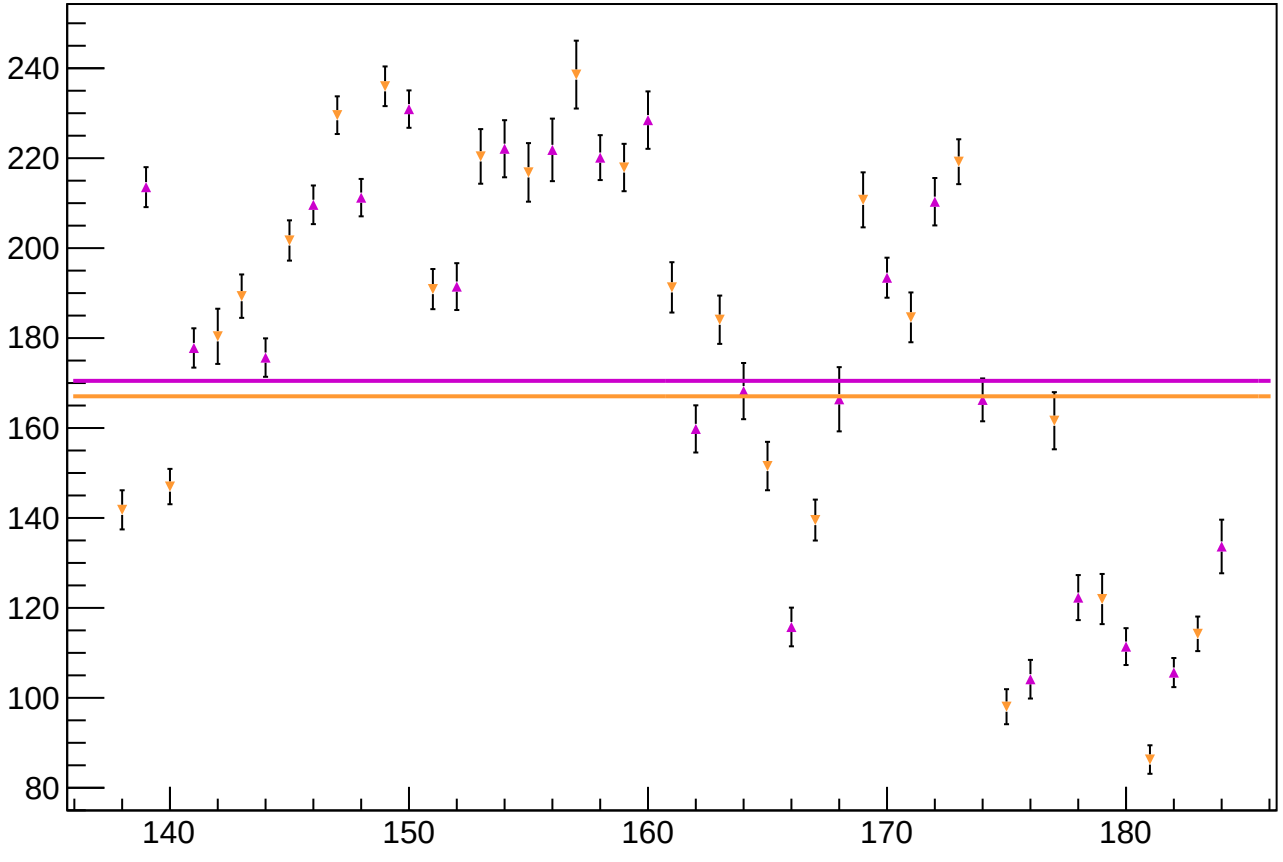
Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -137.500+/-0.040 χ^2/NDF:232370.7/39

Out: -136.098+/-0.040 χ^2/NDF:318128.5/42

All: -136.793+/-0.028 χ^2/NDF: 551116.6/82

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: 167.052+/-0.981 χ^2/NDF:2421.7/23

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

Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

Left: 168.752+/-0.697 χ^2/NDF: 4464.3/46

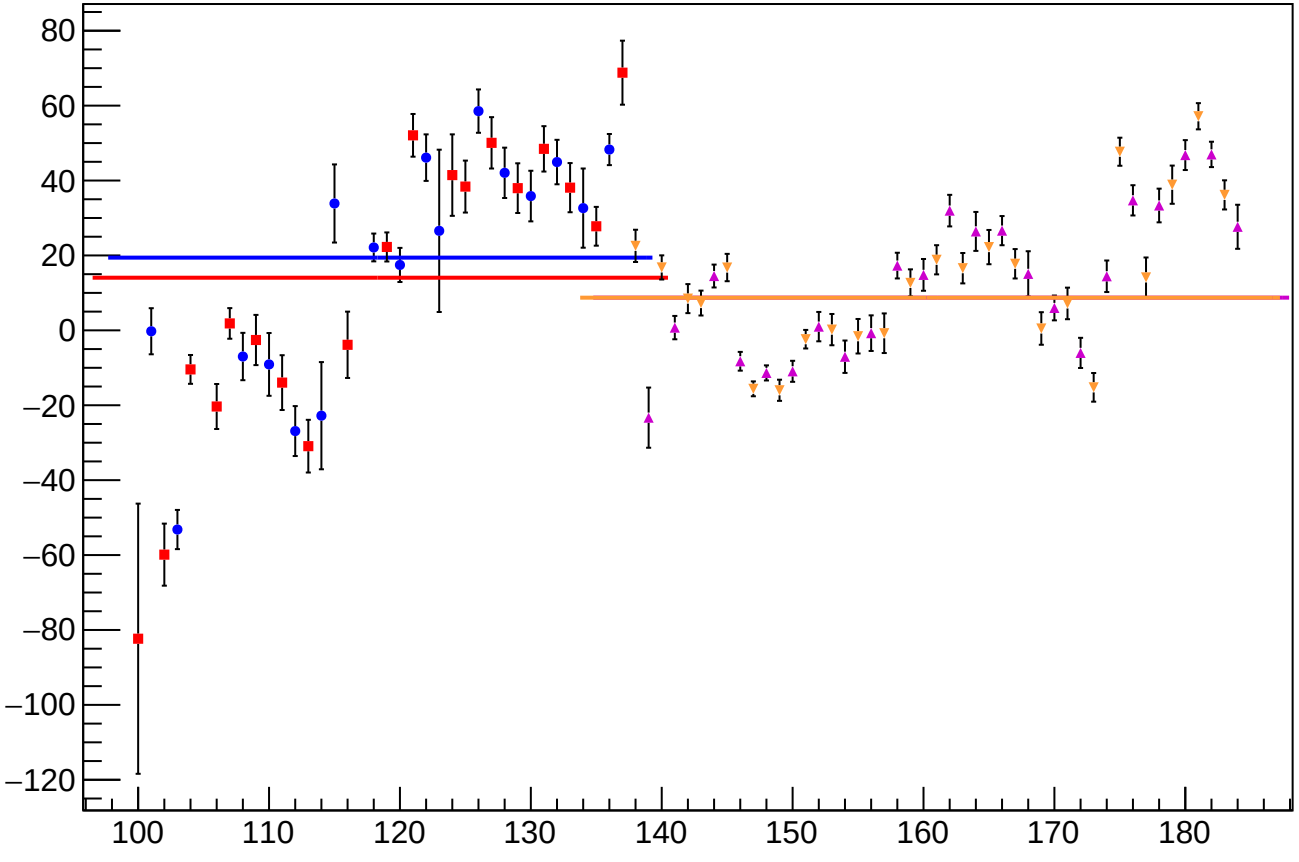
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 170.487+/-0.991 χ^2/NDF:2036.5/22

Out: 167.052+/-0.981 χ^2/NDF:2421.7/23

All: 168.752+/-0.697 χ^2/NDF: 4464.3/46

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: 8.723+/-0.735 χ^2/NDF:735.1/23

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

Left: 8.726+/-0.527 χ^2/NDF: 1365.2/46

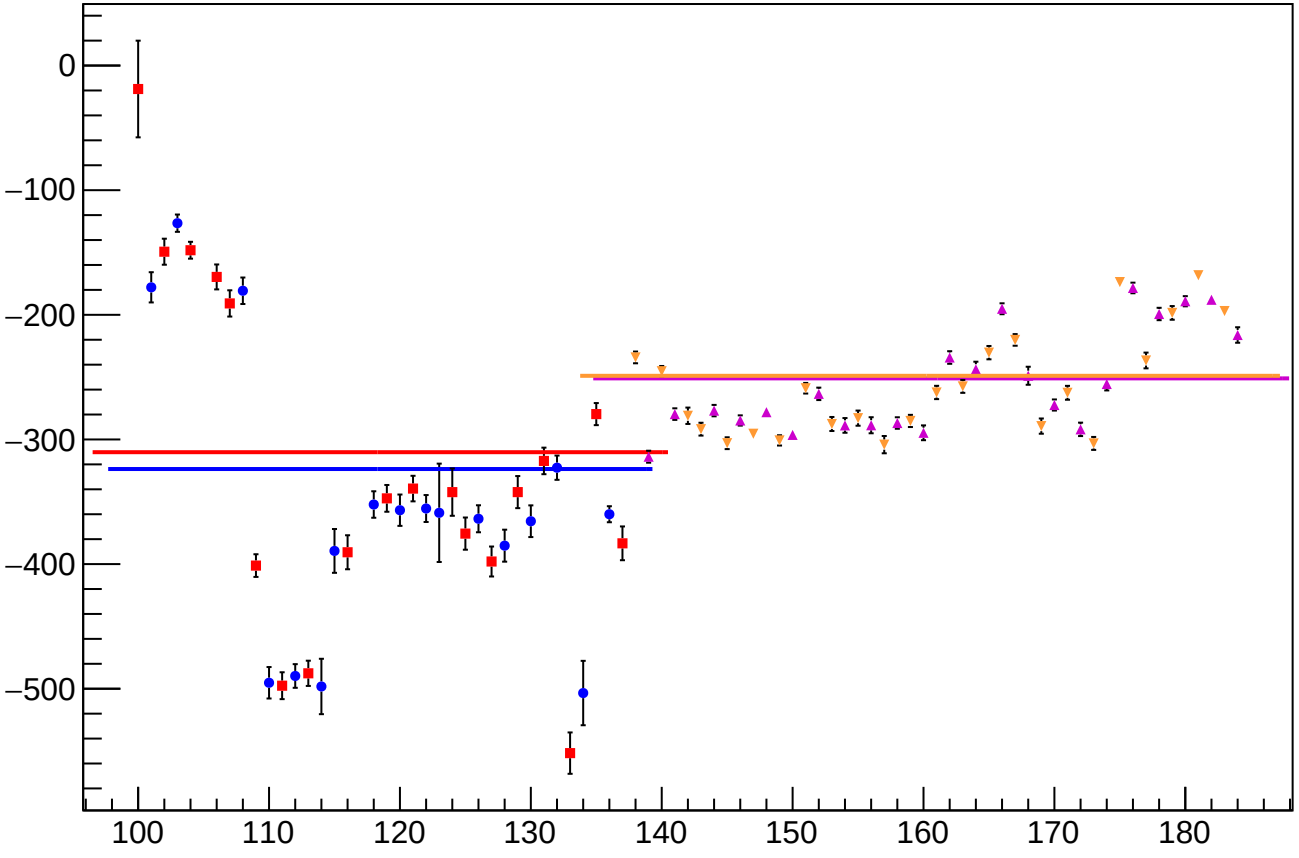
Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 10.945+/-0.674 χ^2/NDF:1112.5/39

Out: 9.885+/-0.650 χ^2/NDF:1183.1/42

All: 10.396+/-0.468 χ^2/NDF: 2296.9/82

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: -248.935+/-0.982 χ^2/NDF:2183.7/23

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

Left: -249.964+/-0.696 χ^2/NDF: 4144.3/46

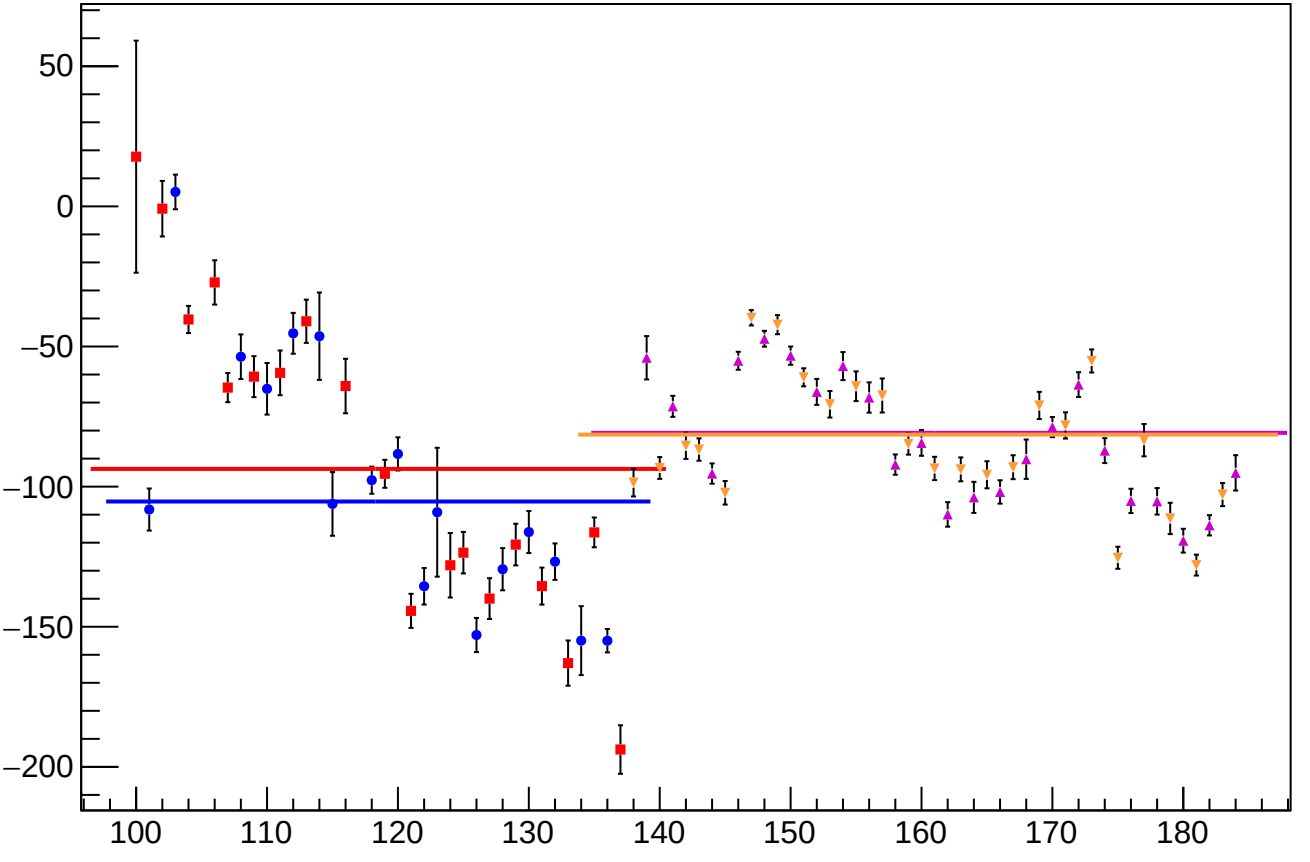
Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -259.752+/-0.925 χ^2/NDF:4462.6/39

Out: -257.003+/-0.915 χ^2/NDF:4996.2/42

All: -258.362+/-0.651 χ^2/NDF: 9463.2/82

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: -81.434+/-0.852 χ^2/NDF:889.7/23

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

Left: -81.125+/-0.609 χ^2/NDF: 1585.3/46

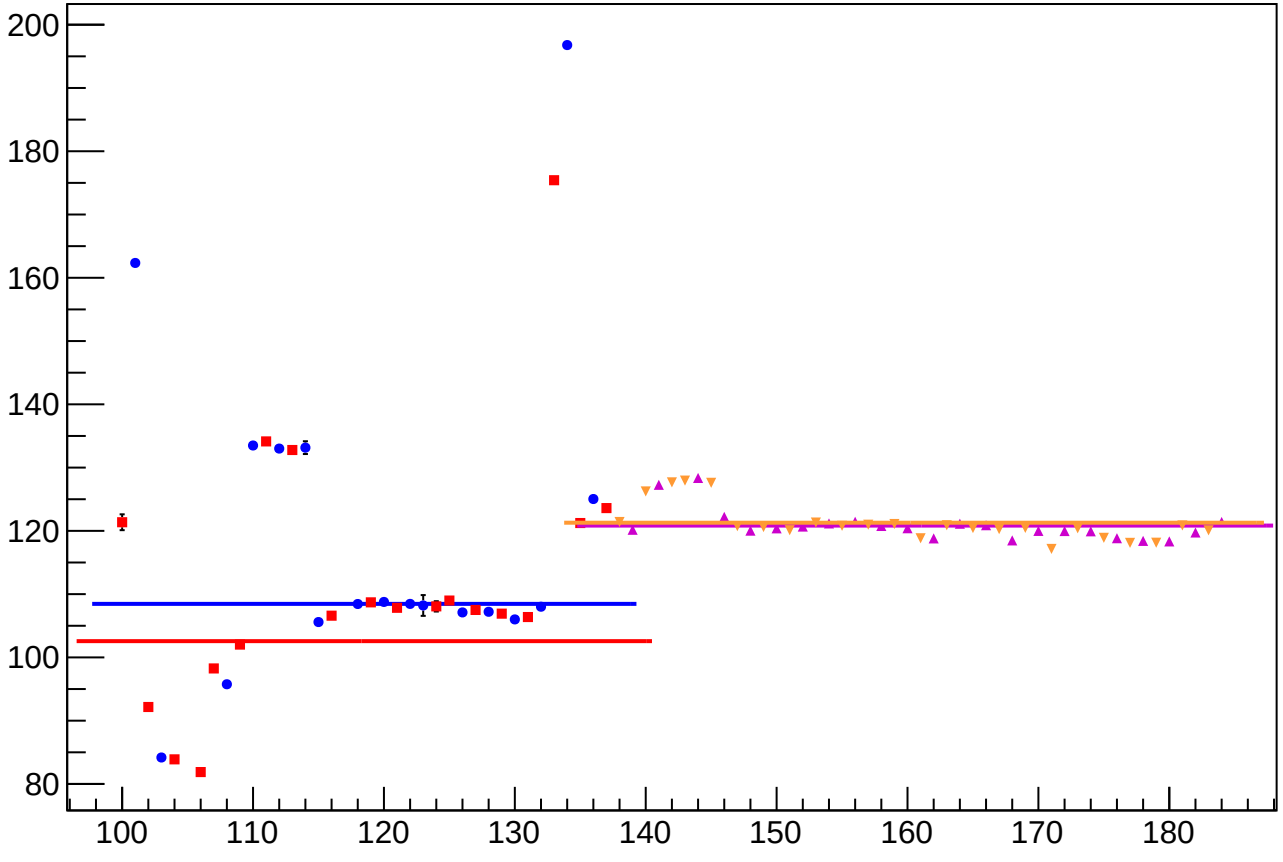
Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -85.918+/-0.774 χ^2/NDF:1598.6/39

Out: -84.107+/-0.753 χ^2/NDF:1761.3/42

All: -84.988+/-0.540 χ^2/NDF: 3362.7/82

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461+/-0.085 χ^2/NDF: 73302.1/16

Left Out: 121.290+/-0.041 χ^2/NDF:4766.6/23

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

Left: 121.061+/-0.029 χ^2/NDF: 8202.0/46

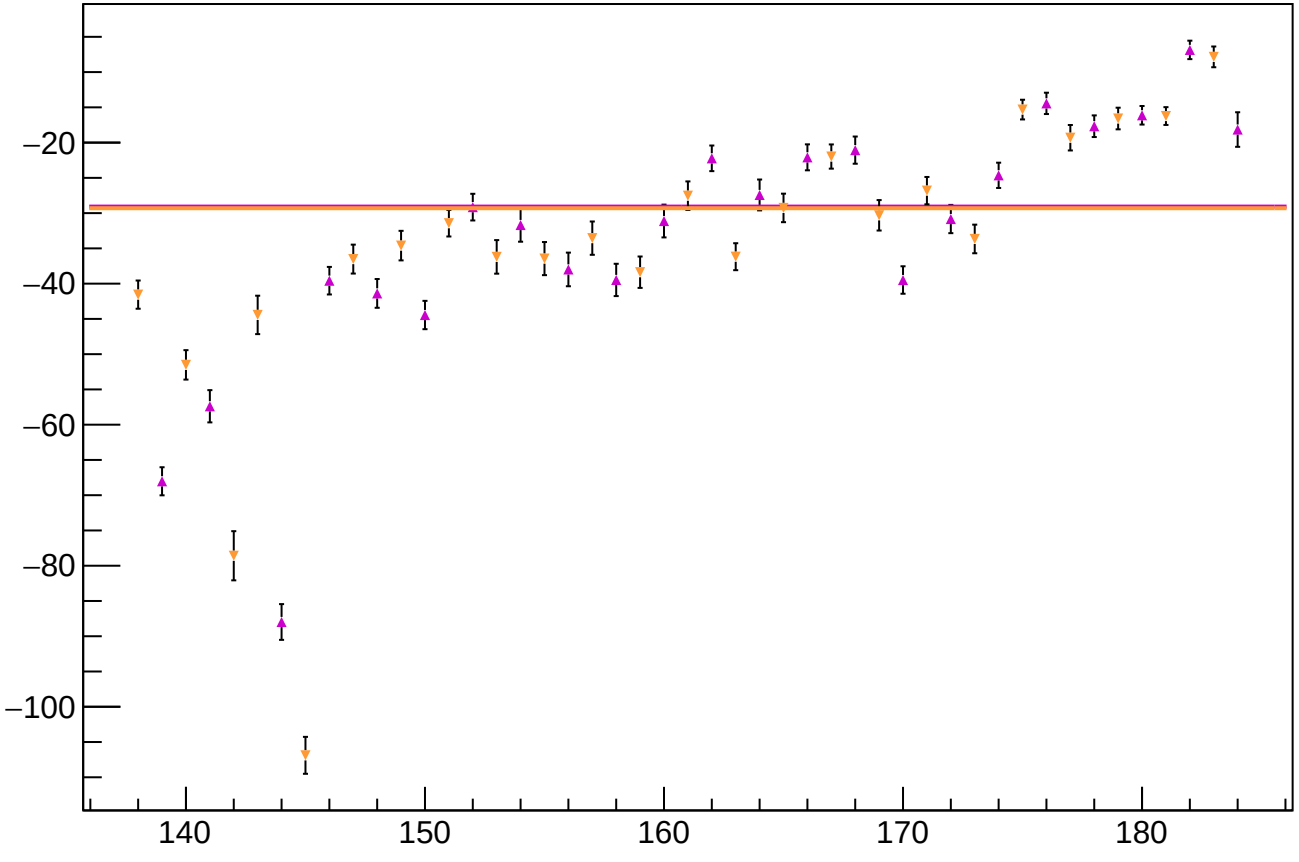
Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 118.531+/-0.037 χ^2/NDF:94036.0/39

Out: 117.412+/-0.036 χ^2/NDF:101914.7/42

All: 117.966+/-0.026 χ^2/NDF: 196424.4/82

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -29.305+/-0.393 χ^2/NDF:1874.6/23

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

Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

Left: -29.190+/-0.278 χ^2/NDF: 3747.2/46

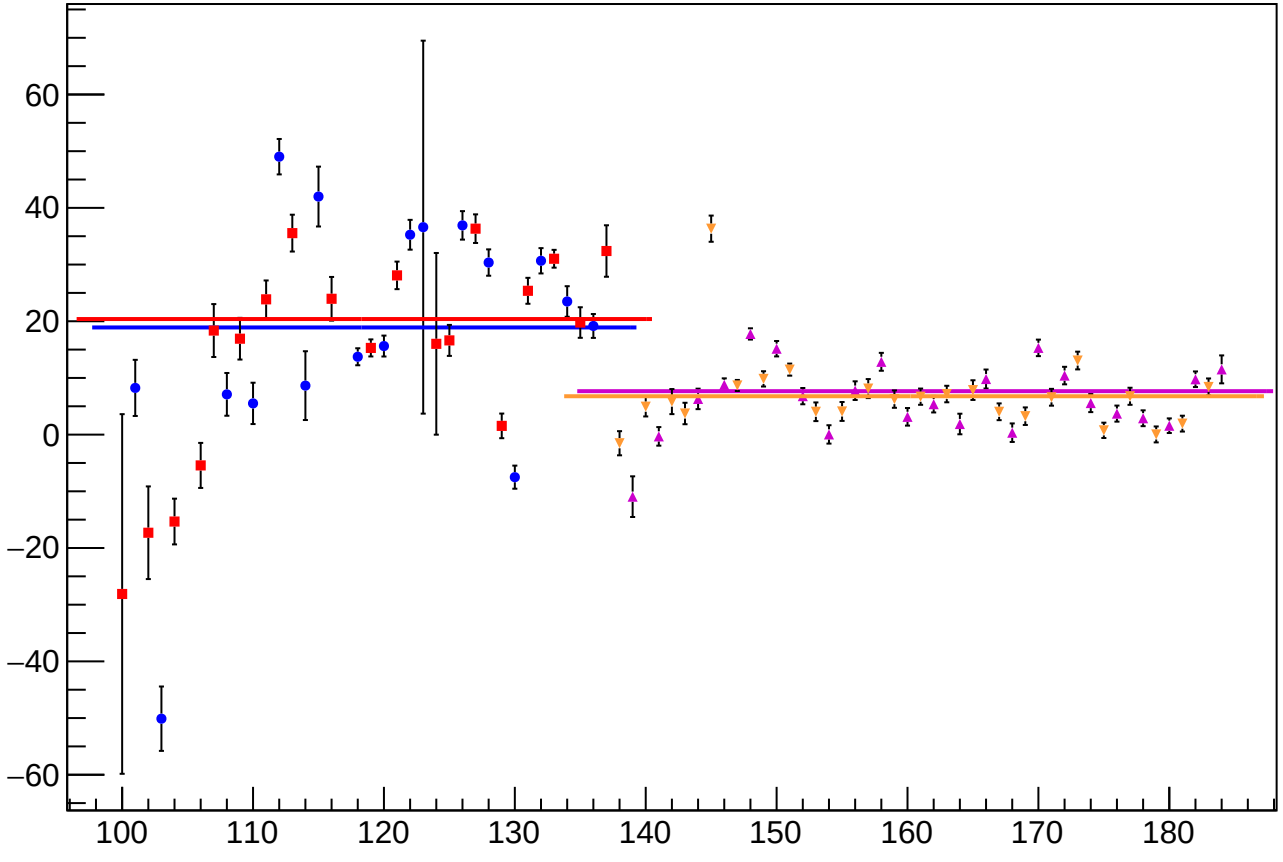
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -29.073+/-0.394 χ^2/NDF:1872.4/22

Out: -29.305+/-0.393 χ^2/NDF:1874.6/23

All: -29.190+/-0.278 χ^2/NDF: 3747.2/46

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: 6.770+/-0.306 χ^2/NDF:298.4/23

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

Left: 7.208+/-0.219 χ^2/NDF: 643.7/46

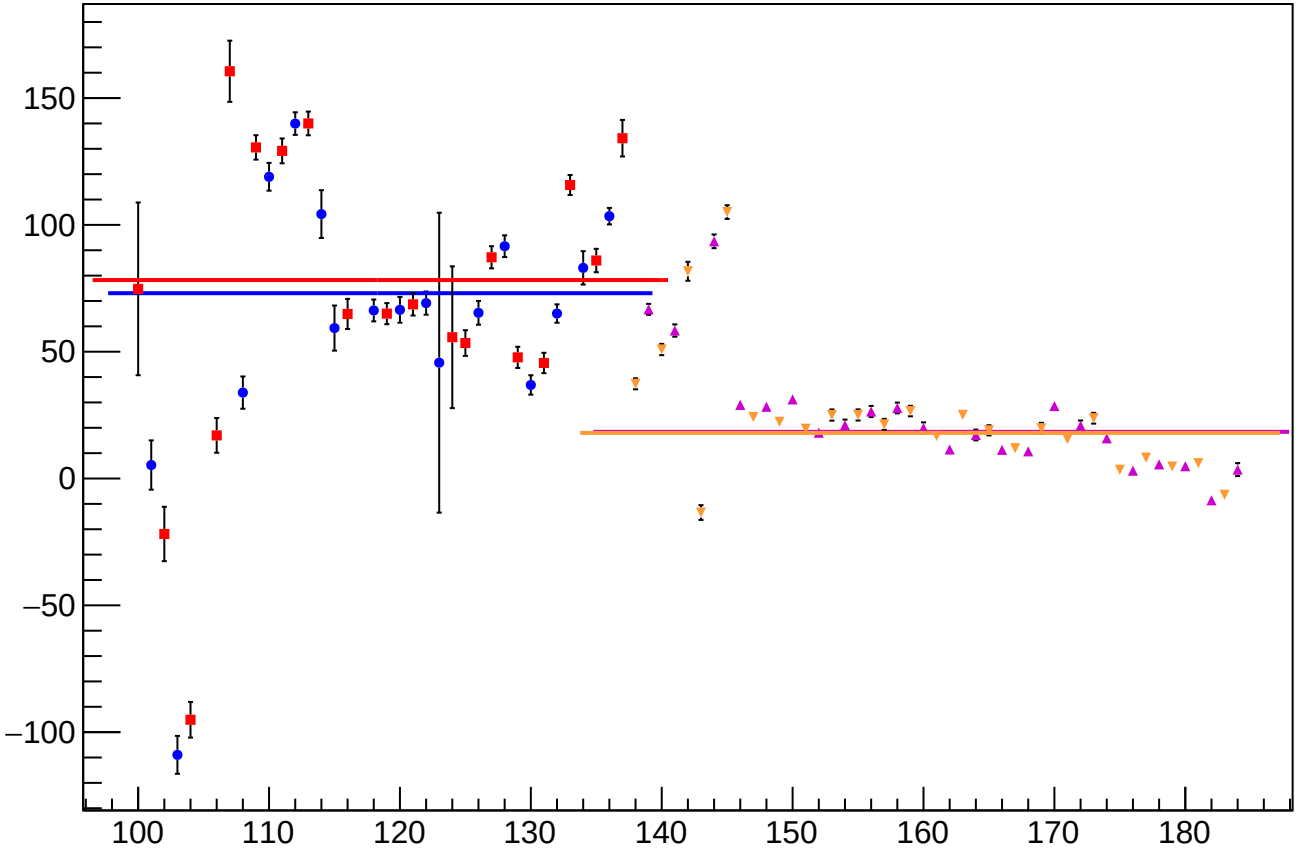
Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 9.813+/-0.281 χ^2/NDF:1206.8/39

Out: 9.276+/-0.276 χ^2/NDF:1028.9/42

All: 9.540+/-0.197 χ^2/NDF: 2237.6/82

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: 17.986+/-0.391 χ^2/NDF:2390.9/23

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

Left: 18.201+/-0.277 χ^2/NDF: 4859.9/46

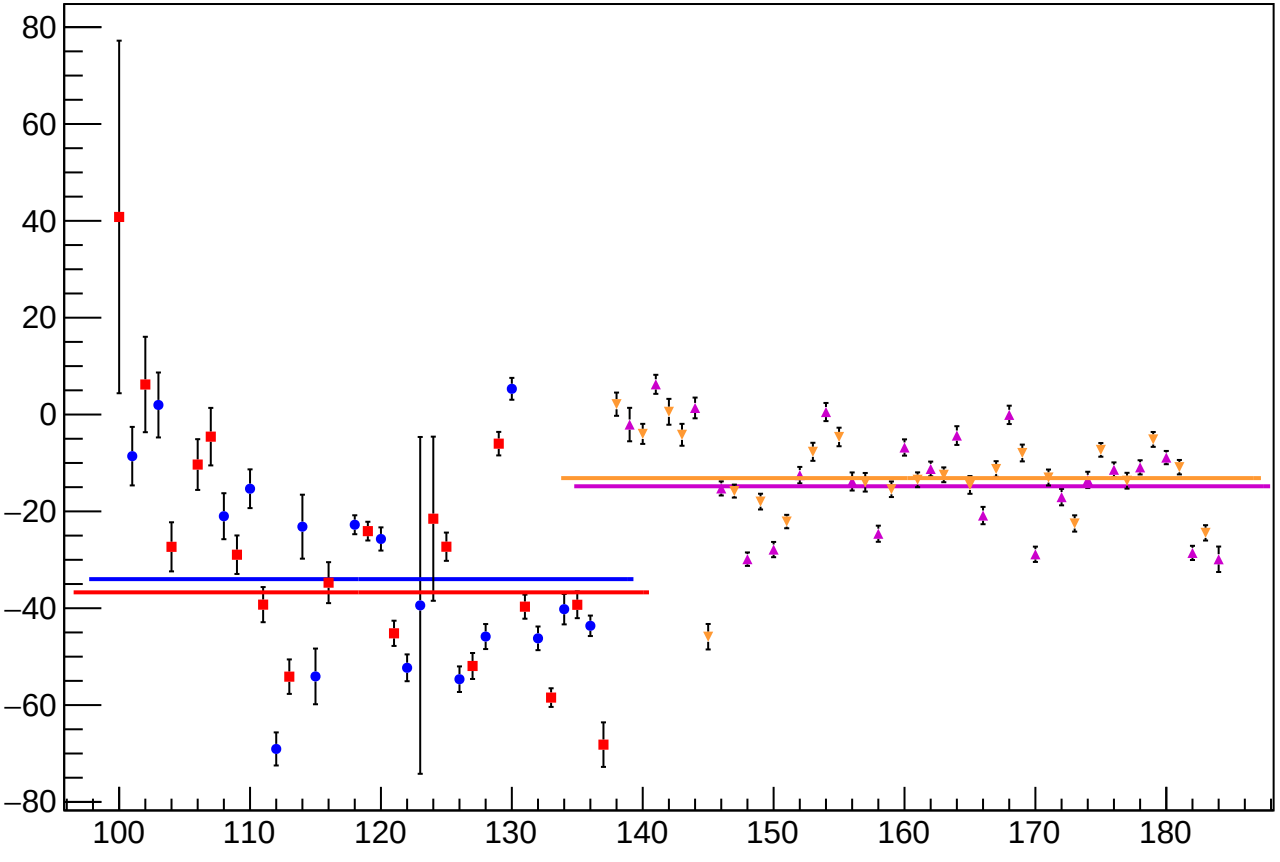
Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 23.454+/-0.373 χ^2/NDF:5467.2/39

Out: 23.573+/-0.372 χ^2/NDF:6137.4/42

All: 23.514+/-0.263 χ^2/NDF: 11604.7/82

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: -13.128+/-0.347 χ^2/NDF:481.3/23

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

Left: -13.957+/-0.248 χ^2/NDF: 1331.1/46

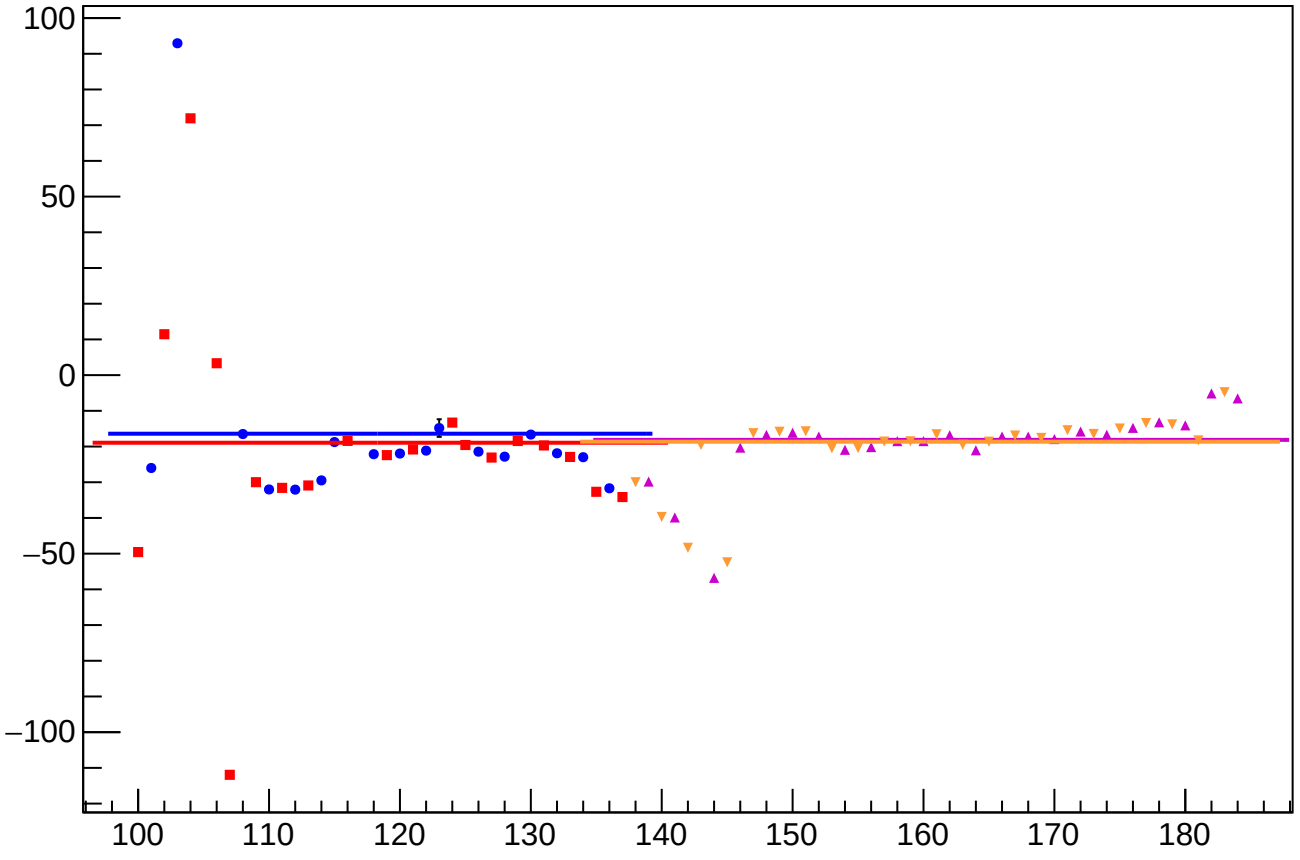
Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -18.401+/-0.318 χ^2/NDF:2109.5/39

Out: -17.416+/-0.314 χ^2/NDF:1863.1/42

All: -17.902+/-0.224 χ^2/NDF: 3977.5/82

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: -18.644+/-0.016 χ^2/NDF:266070.5/23

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

Left: -18.389+/-0.011 χ^2/NDF: 512226.1/46

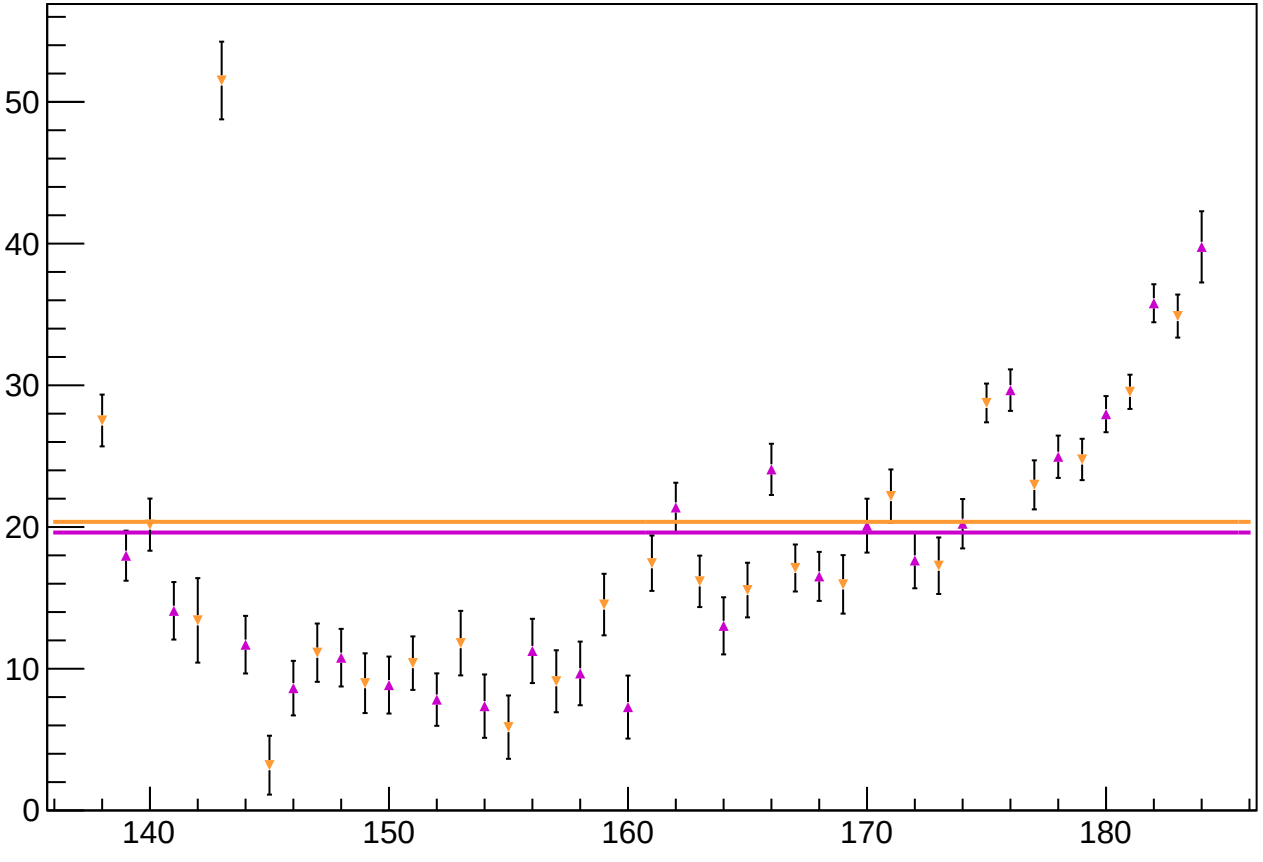
Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -17.936+/-0.015 χ^2/NDF:721355.0/39

Out: -18.676+/-0.015 χ^2/NDF:700259.3/42

All: -18.305+/-0.011 χ^2/NDF: 1422818.6/82

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: 20.366+/-0.376 χ^2/NDF:609.1/23

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

Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

Left: 19.991+/-0.267 χ^2/NDF: 1183.7/46

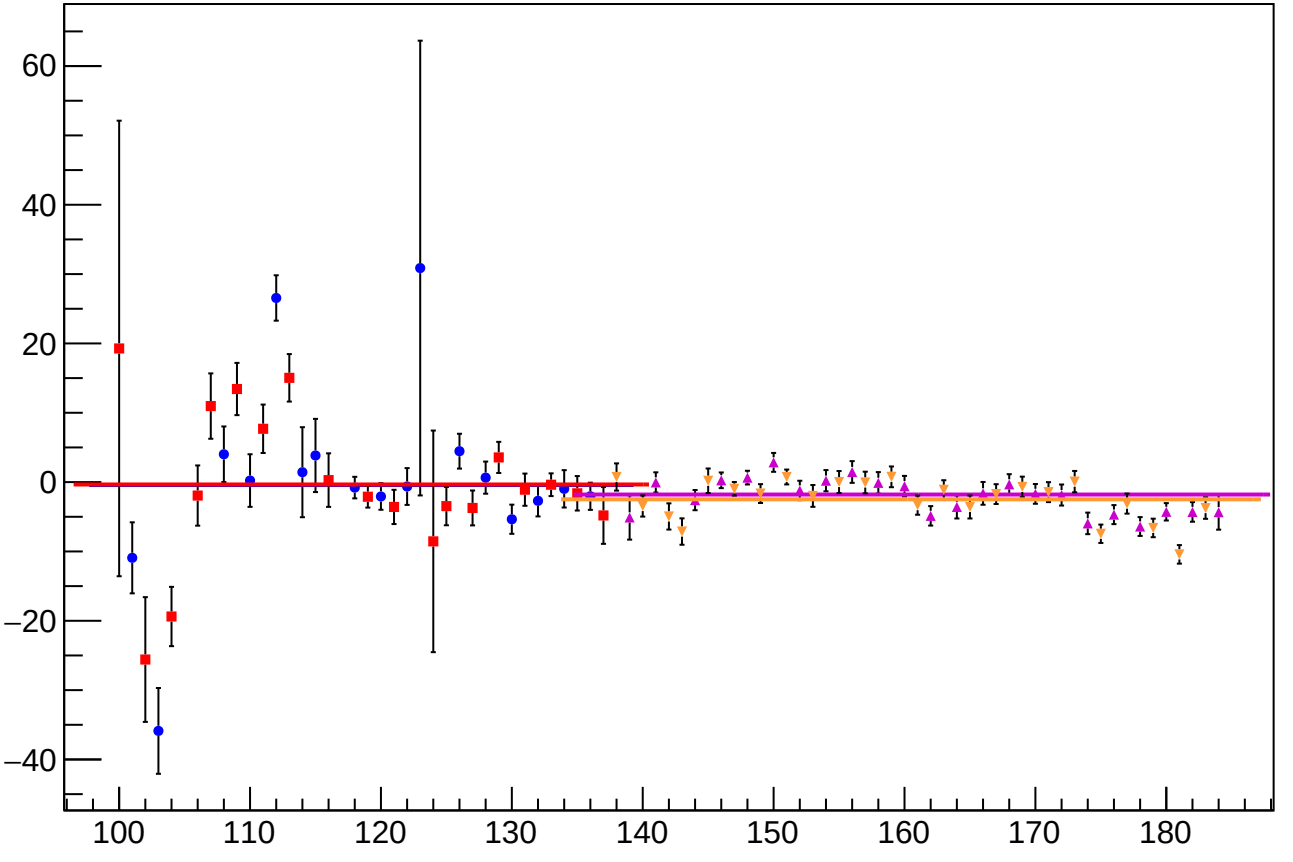
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 19.612+/-0.379 χ^2/NDF:572.7/22

Out: 20.366+/-0.376 χ^2/NDF:609.1/23

All: 19.991+/-0.267 χ^2/NDF: 1183.7/46

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: -2.481+/-0.295 χ^2/NDF:101.0/23

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

Left: -2.144+/-0.211 χ^2/NDF: 173.7/46

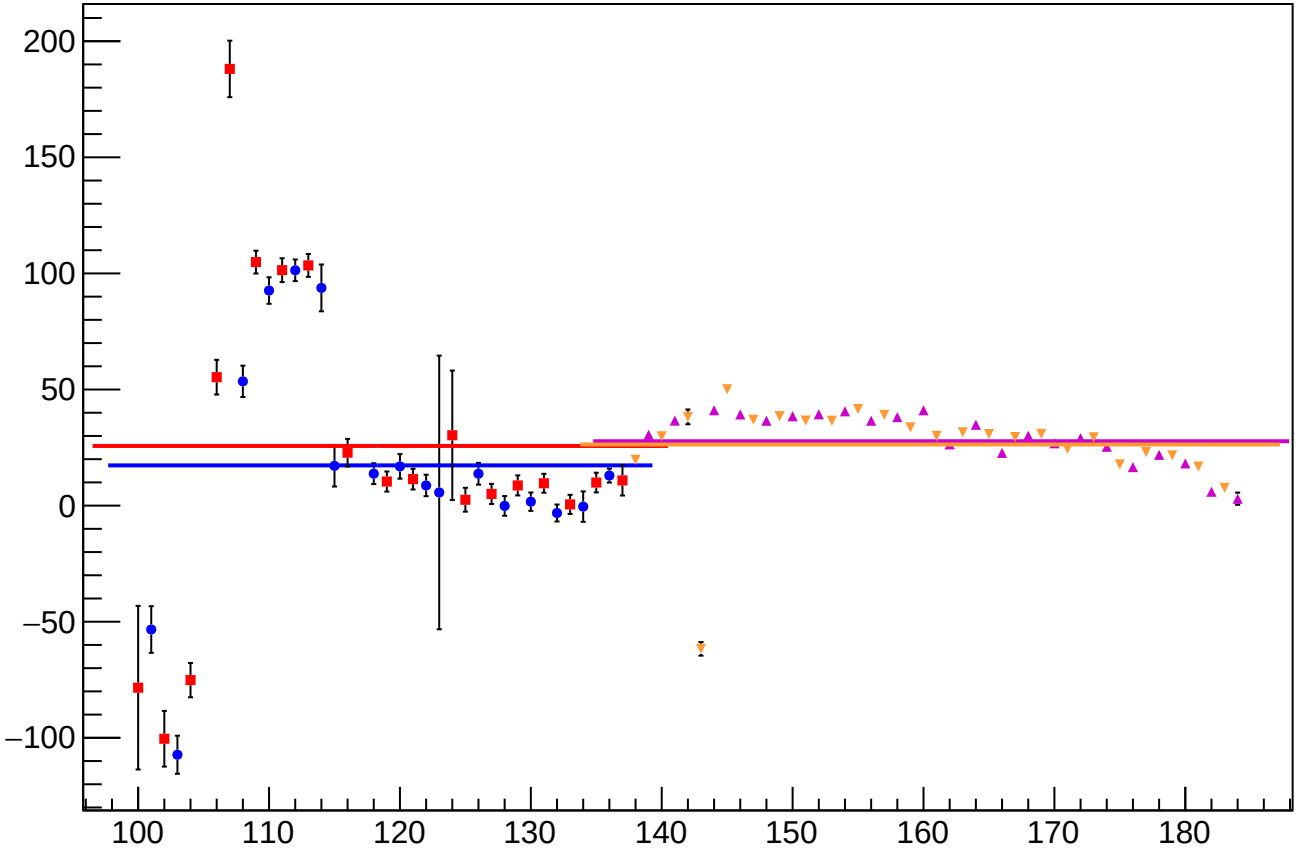
Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -1.549+/-0.274 χ^2/NDF:193.7/39

Out: -2.124+/-0.269 χ^2/NDF:193.5/42

All: -1.842+/-0.192 χ^2/NDF: 389.4/82

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: 26.320+/-0.375 χ^2/NDF:1565.0/23

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

Left: 27.020+/-0.266 χ^2/NDF: 2377.0/46

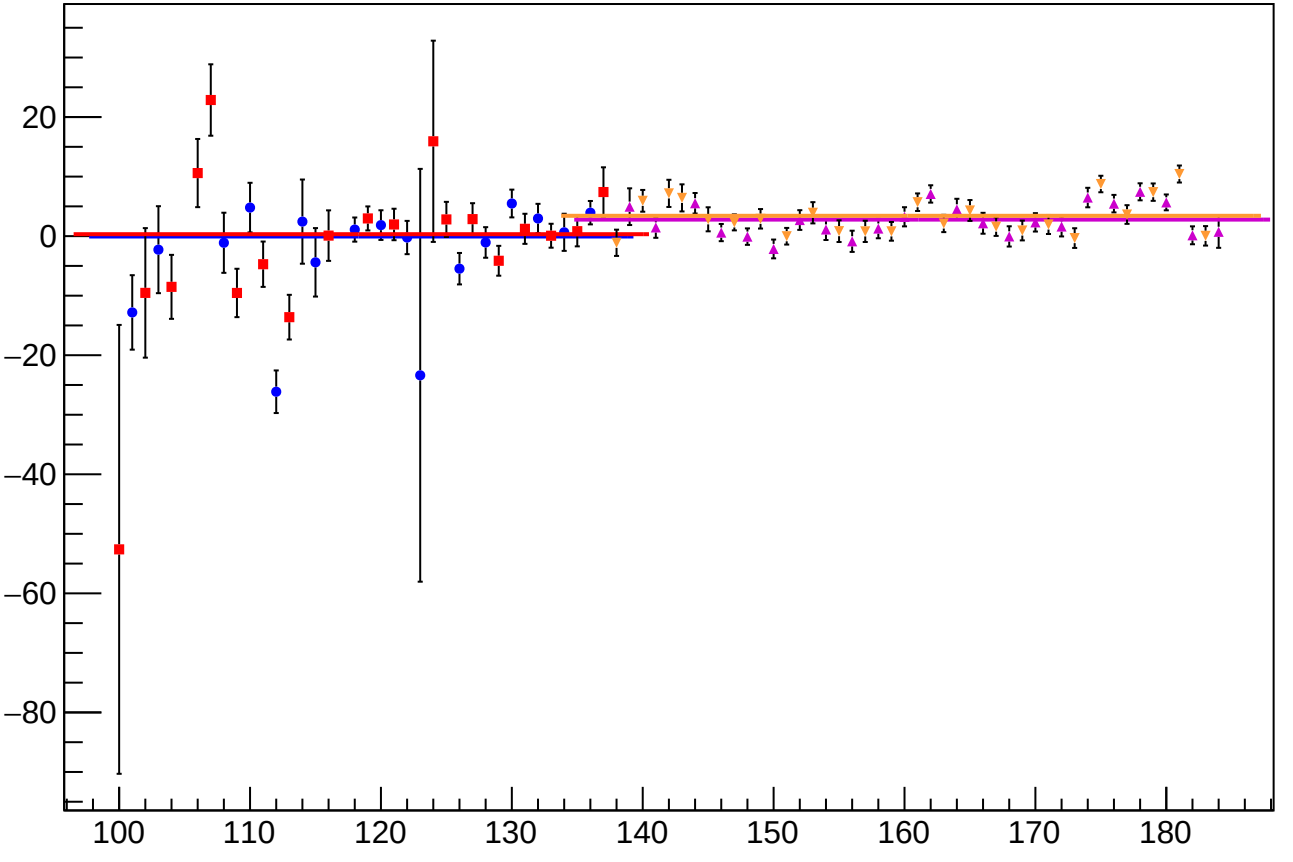
Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 26.845+/-0.360 χ^2/NDF:1812.7/39

Out: 26.268+/-0.359 χ^2/NDF:2944.3/42

All: 26.556+/-0.254 χ^2/NDF: 4758.3/82

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: 3.415+/-0.334 χ^2/NDF:88.1/23

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

Left: 3.102+/-0.238 χ^2/NDF: 156.4/46

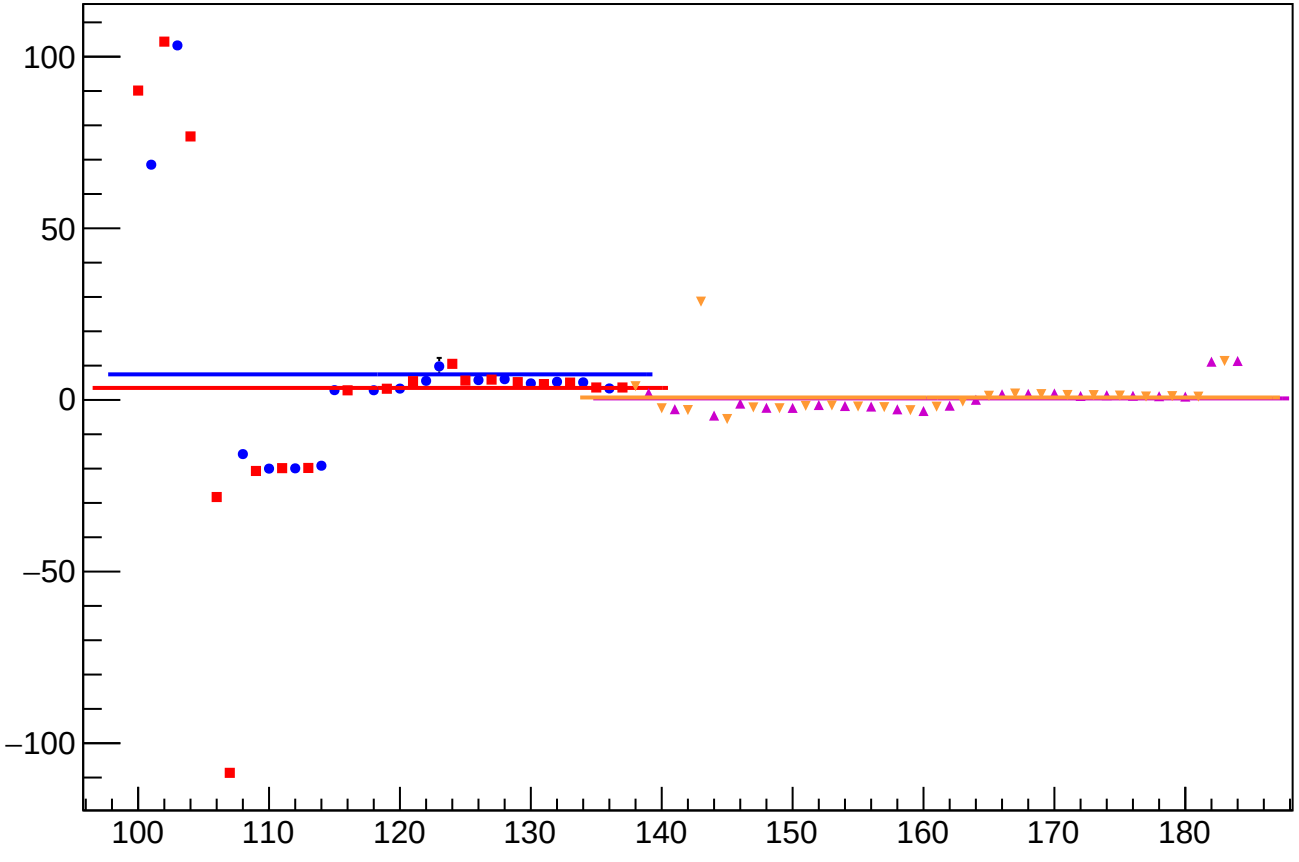
Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 2.286+/-0.309 χ^2/NDF:155.1/39

Out: 2.903+/-0.305 χ^2/NDF:157.4/42

All: 2.599+/-0.217 χ^2/NDF: 314.5/82

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: 0.717+/-0.015 χ^2/NDF:100435.6/23

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

Left: 0.583+/-0.011 χ^2/NDF: 151122.8/46

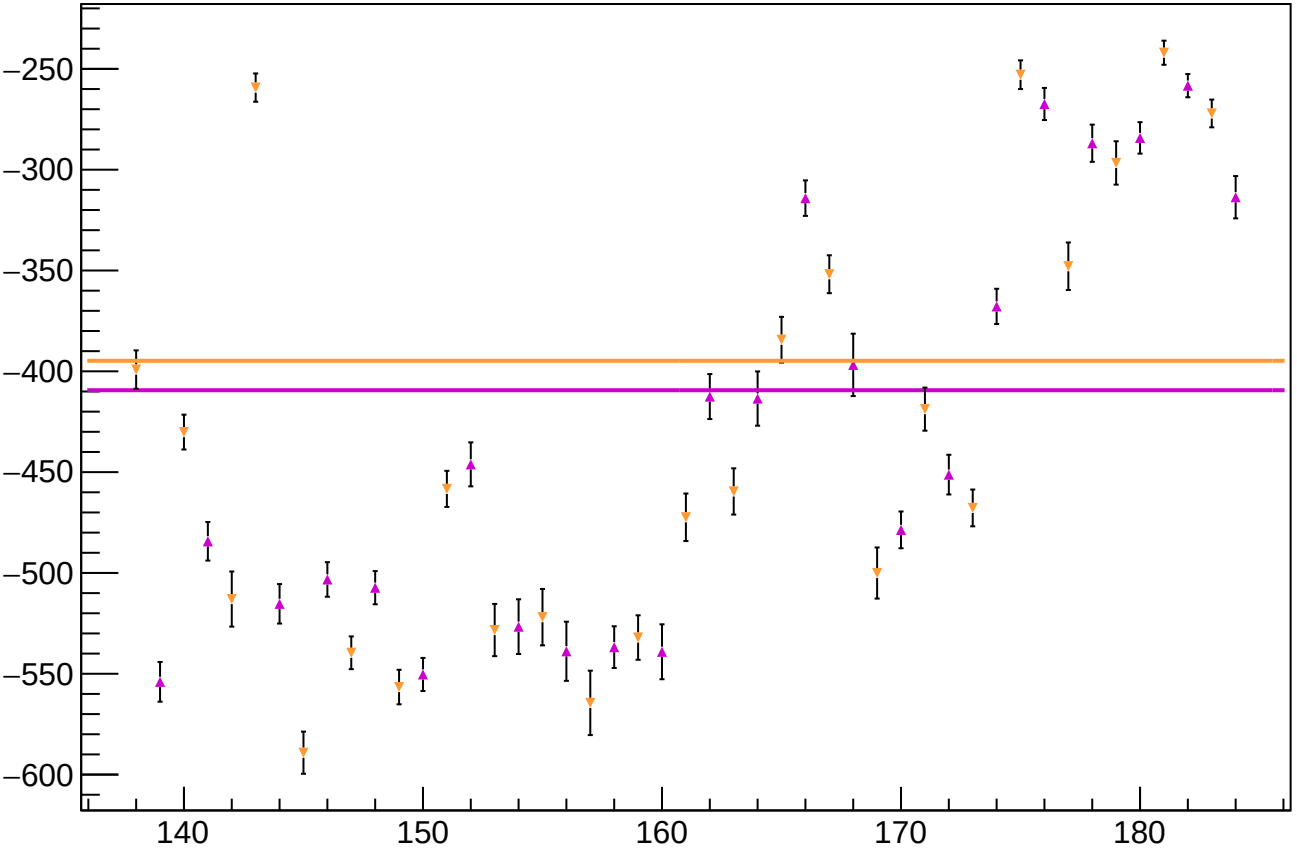
Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 1.196+/-0.015 χ^2/NDF:428806.7/39

Out: 1.001+/-0.015 χ^2/NDF:614372.4/42

All: 1.099+/-0.010 χ^2/NDF: 1043269.0/82

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: -394.770+/-1.927 χ^2/NDF:3693.2/23

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

Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

Left: -401.908+/-1.378 χ^2/NDF: 6817.4/46

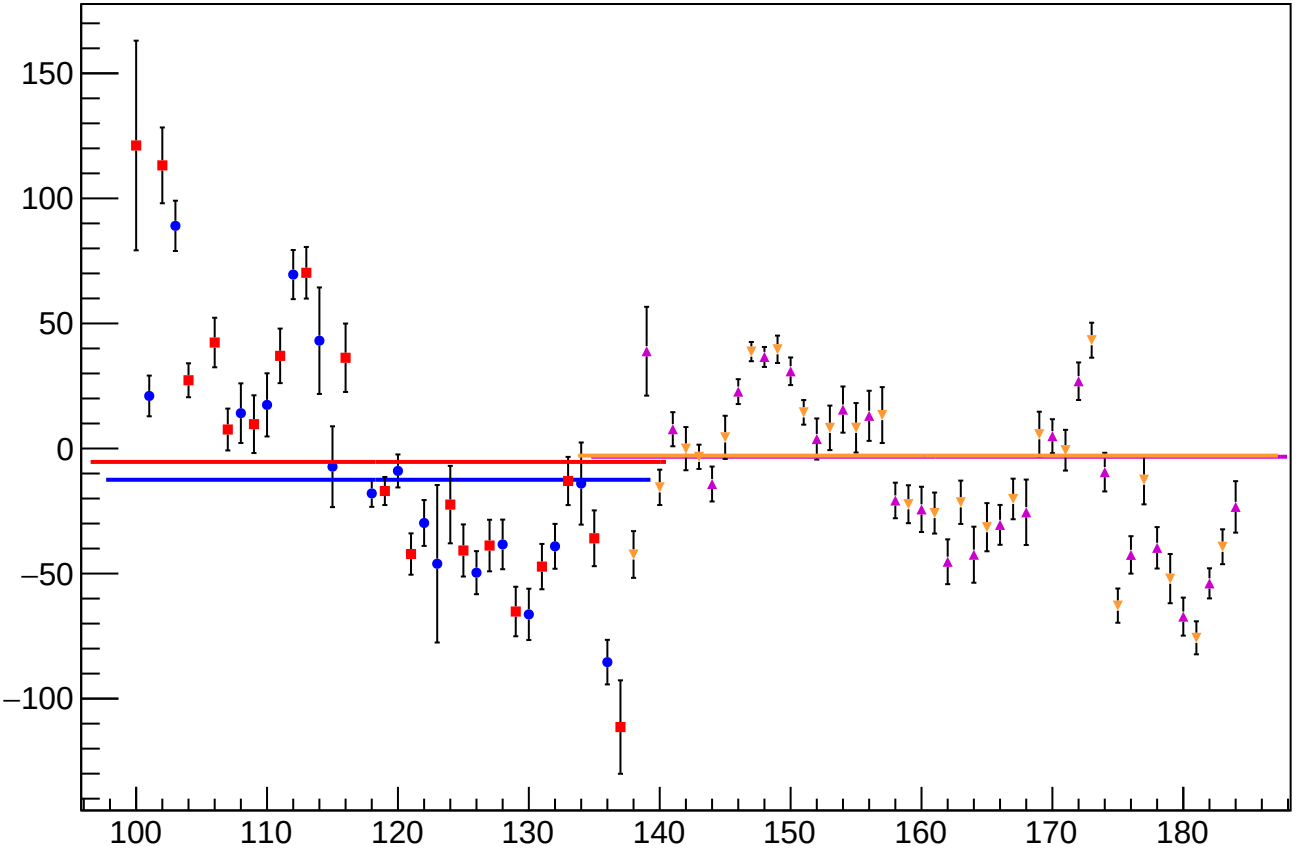
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -409.377+/-1.971 χ^2/NDF:3096.1/22

Out: -394.770+/-1.927 χ^2/NDF:3693.2/23

All: -401.908+/-1.378 χ^2/NDF: 6817.4/46

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: -2.836+/-1.445 χ^2/NDF:545.3/23

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

Left: -3.052+/-1.046 χ^2/NDF: 999.8/46

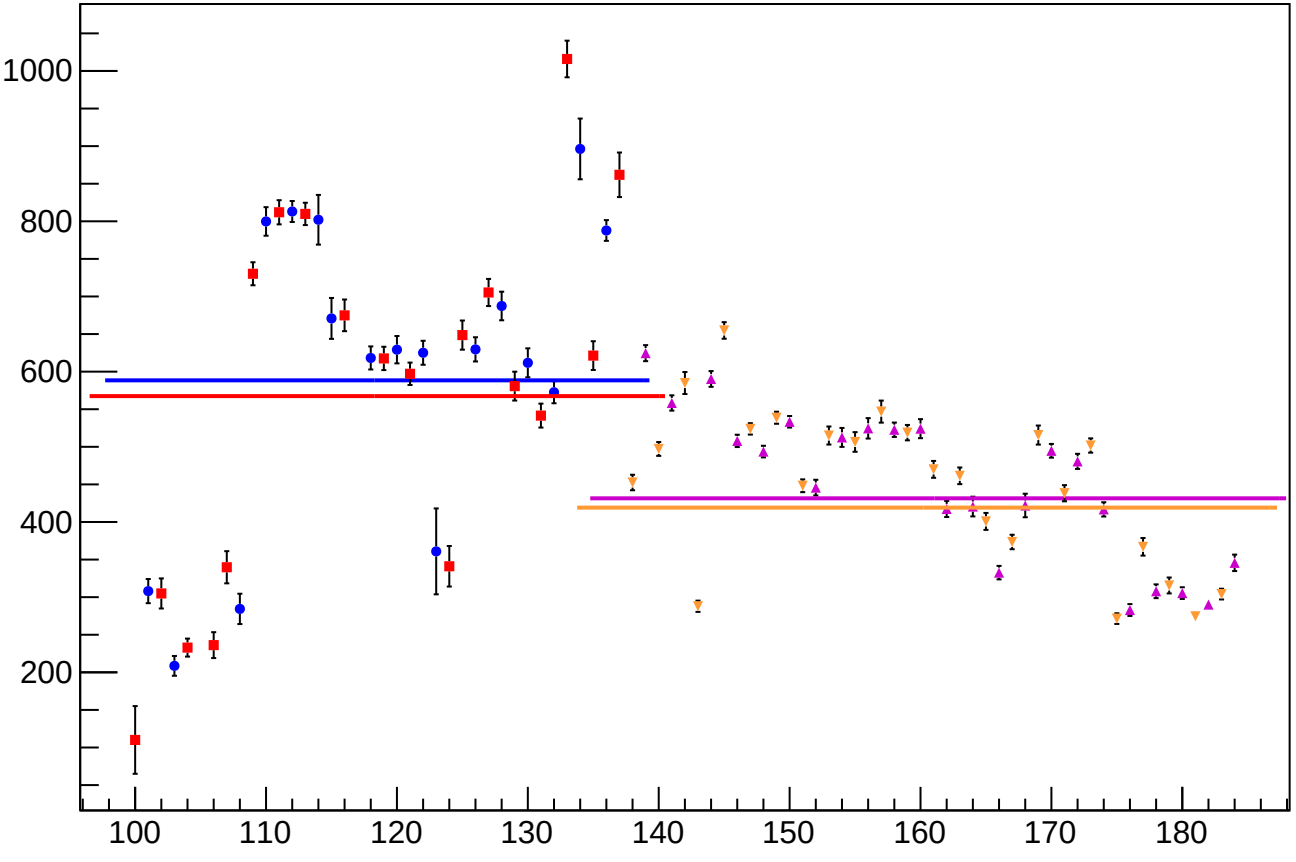
Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: -6.062+/-1.268 χ^2/NDF:806.7/39

Out: -3.567+/-1.218 χ^2/NDF:890.7/42

All: -4.765+/-0.878 χ^2/NDF: 1699.4/82

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: 419.116+/-1.932 χ^2/NDF:3223.3/23

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

Left: 425.201+/-1.377 χ^2/NDF: 6140.6/46

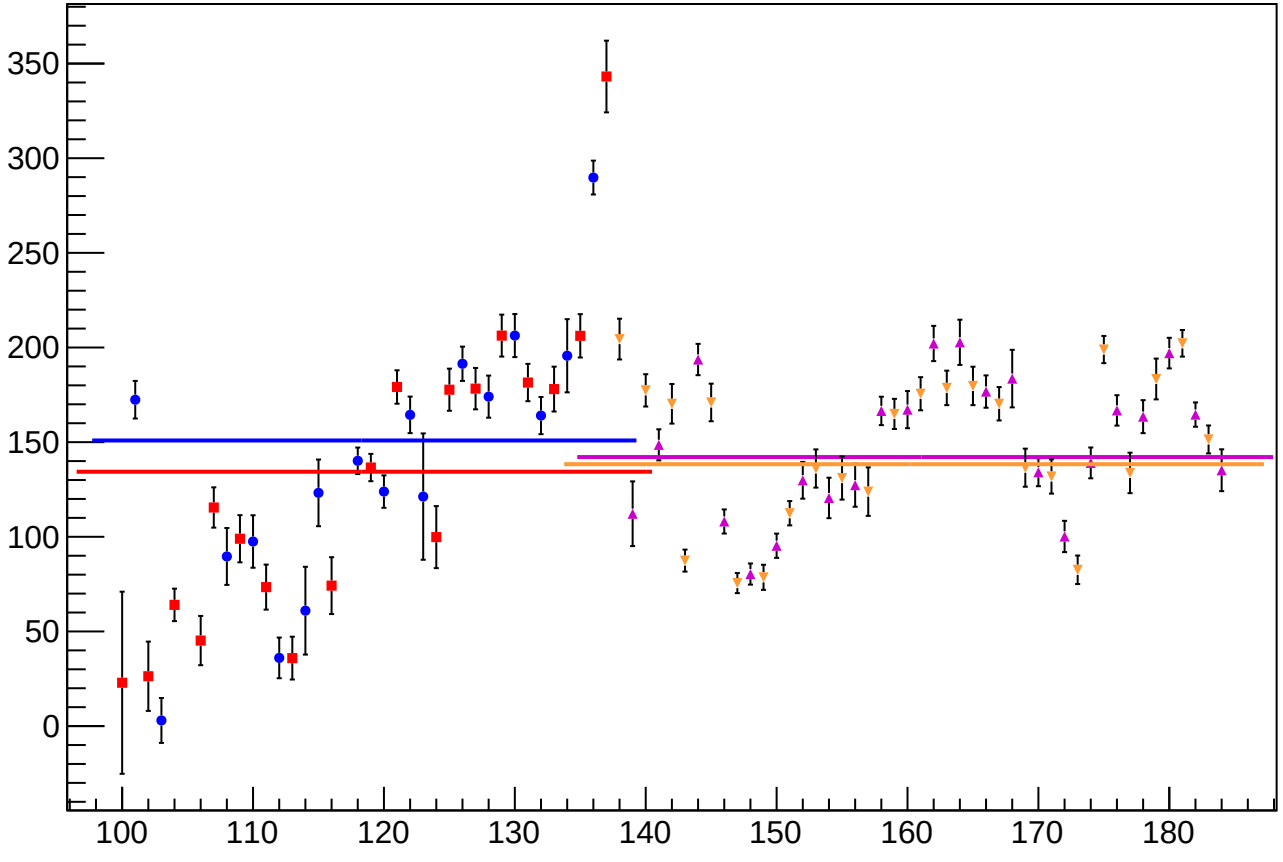
Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 458.363+/-1.788 χ^2/NDF:6120.8/39

Out: 445.683+/-1.751 χ^2/NDF:7063.6/42

All: 451.890+/-1.251 χ^2/NDF: 13210.0/82

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: 138.355+/-1.676 χ^2/NDF:703.4/23

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

Left: 140.168+/-1.207 χ^2/NDF: 1169.7/46

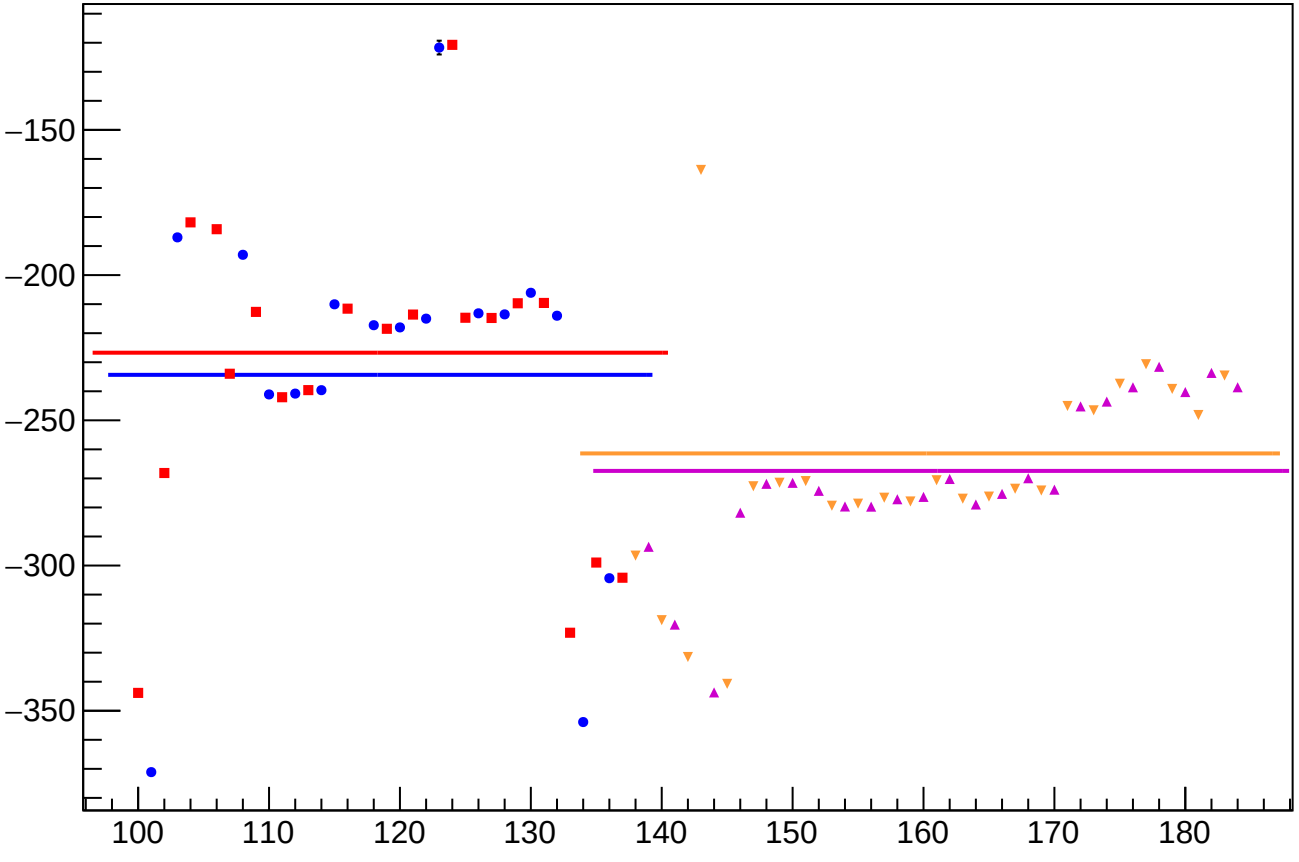
Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 144.731+/-1.458 χ^2/NDF:1106.1/39

Out: 137.201+/-1.412 χ^2/NDF:1290.0/42

All: 140.844+/-1.014 χ^2/NDF: 2409.9/82

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: -261.398+/-0.080 χ^2/NDF:217161.6/23

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

Left: -264.375+/-0.057 χ^2/NDF: 318819.5/46

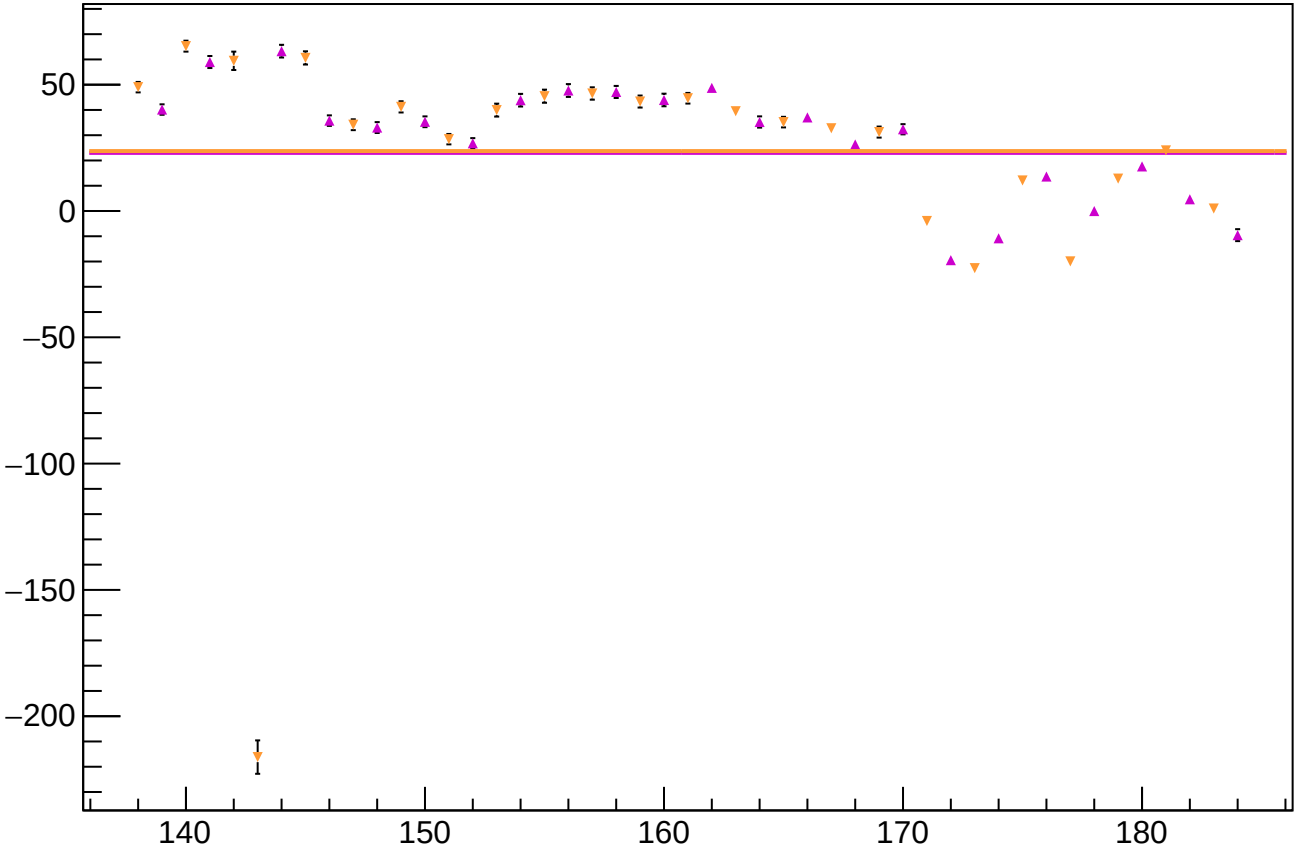
Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -259.767+/-0.071 χ^2/NDF:282292.1/39

Out: -252.904+/-0.070 χ^2/NDF:362075.5/42

All: -256.268+/-0.050 χ^2/NDF: 649088.4/82

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 23.713+/-0.402 χ^2/NDF:4383.5/23

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

Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

Left: 23.364+/-0.284 χ^2/NDF: 7204.9/46

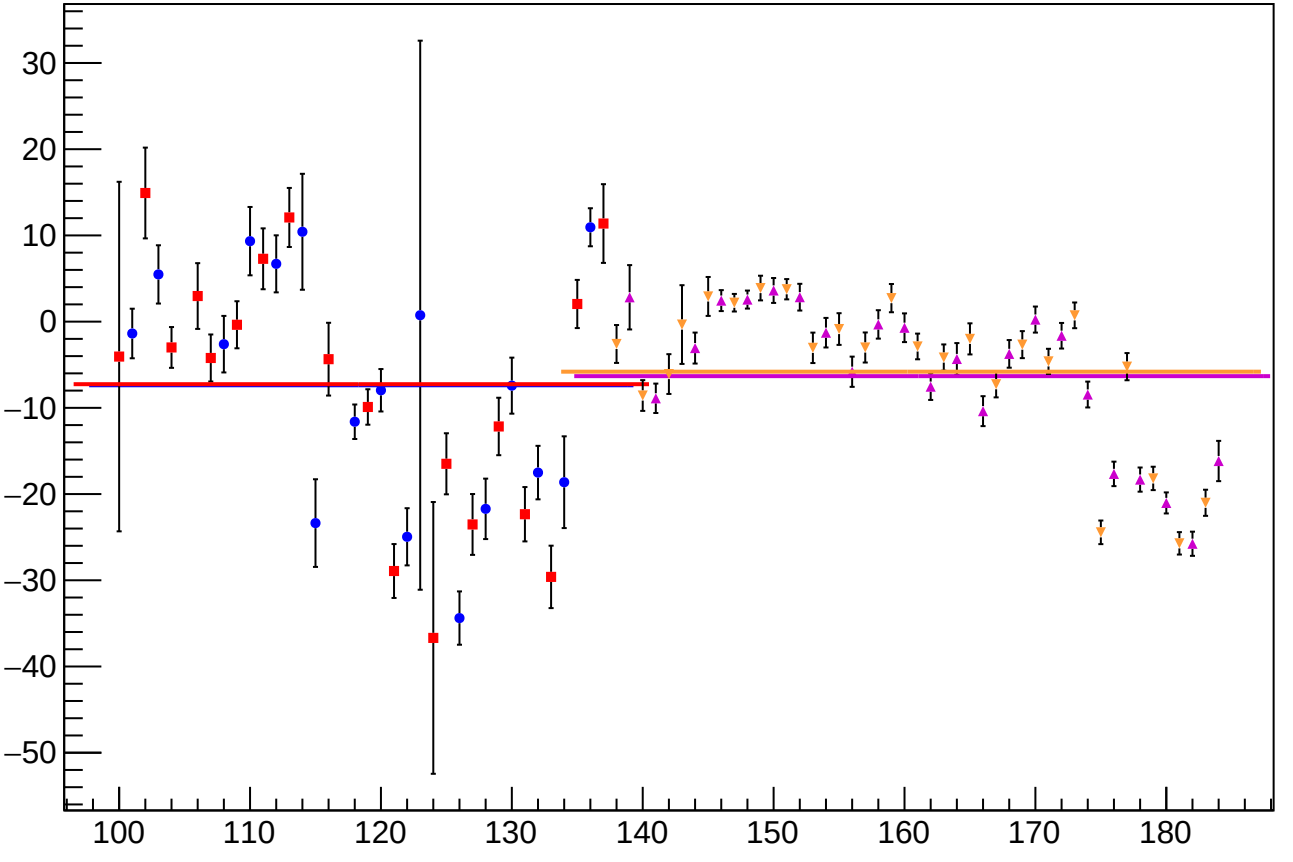
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 23.019+/-0.400 χ^2/NDF:2819.9/22

Out: 23.713+/-0.402 χ^2/NDF:4383.5/23

All: 23.364+/-0.284 χ^2/NDF: 7204.9/46

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: -5.804+/-0.318 χ^2/NDF:872.3/23

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

Left: -6.062+/-0.226 χ^2/NDF: 1658.0/46

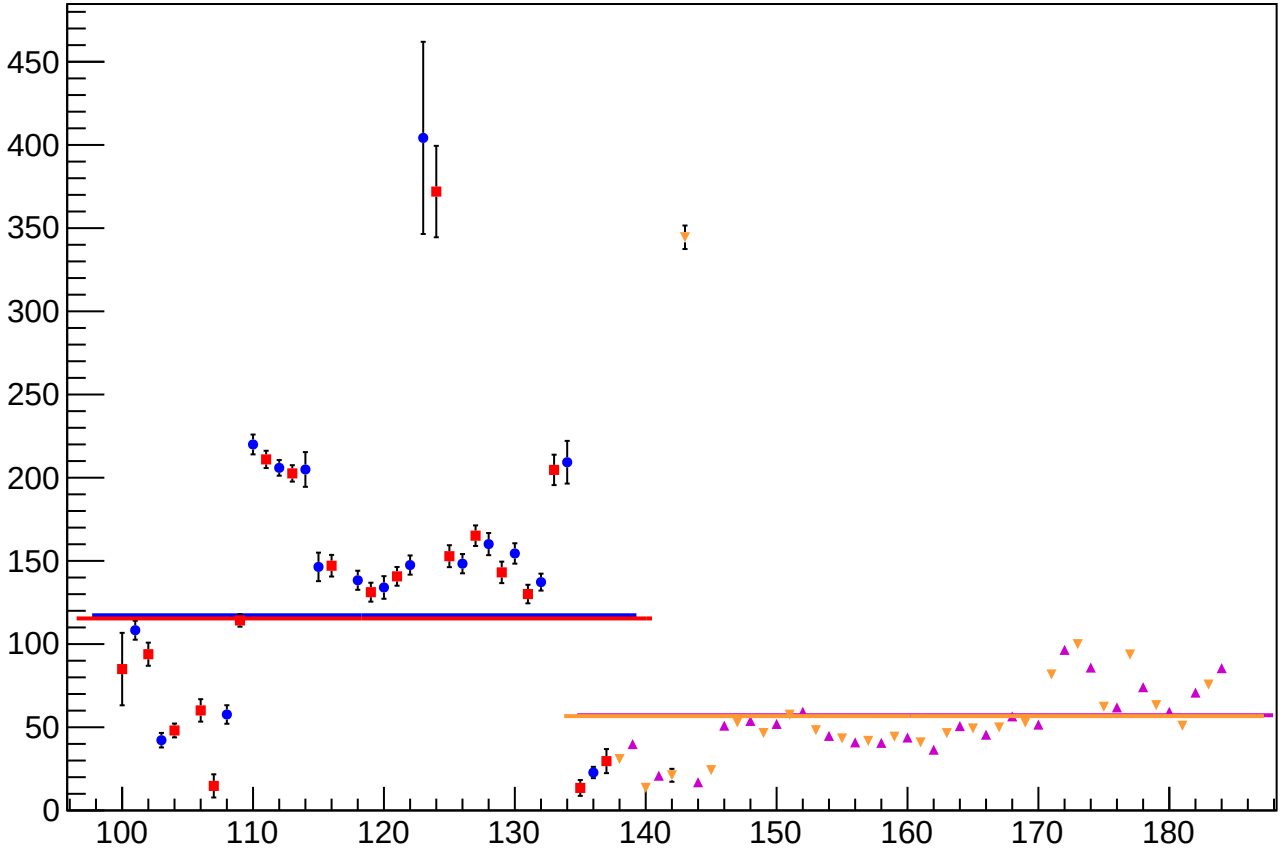
Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -6.476+/-0.296 χ^2/NDF:1069.5/39

Out: -6.020+/-0.293 χ^2/NDF:1132.7/42

All: -6.246+/-0.208 χ^2/NDF: 2203.4/82

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: 56.707+/-0.401 χ^2/NDF:3860.5/23

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

Left: 56.968+/-0.283 χ^2/NDF: 5721.9/46

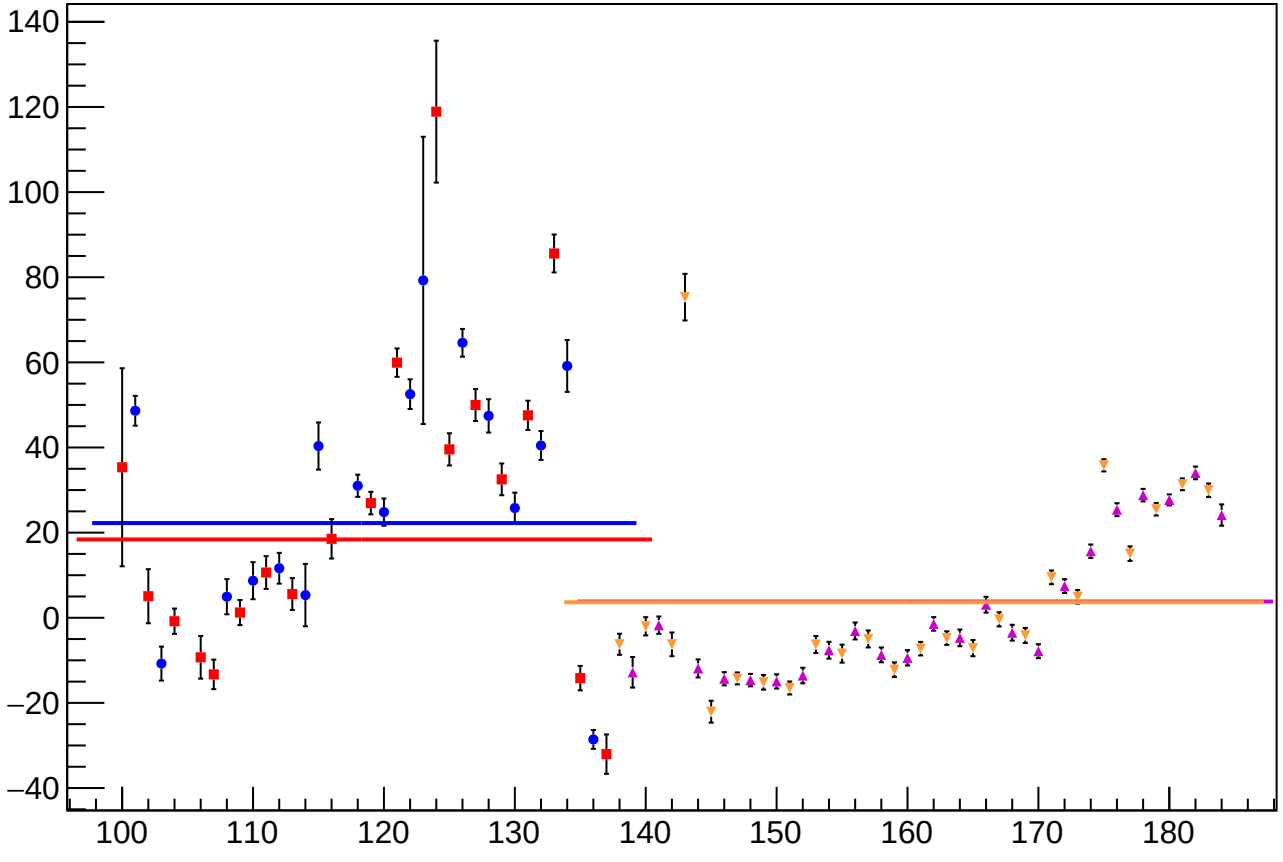
Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 61.669+/-0.383 χ^2/NDF:5706.3/39

Out: 61.404+/-0.385 χ^2/NDF:7723.2/42

All: 61.537+/-0.272 χ^2/NDF: 13429.8/82

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: 3.649+/-0.360 χ^2/NDF:2500.6/23

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

Left: 3.730+/-0.255 χ^2/NDF: 4704.2/46

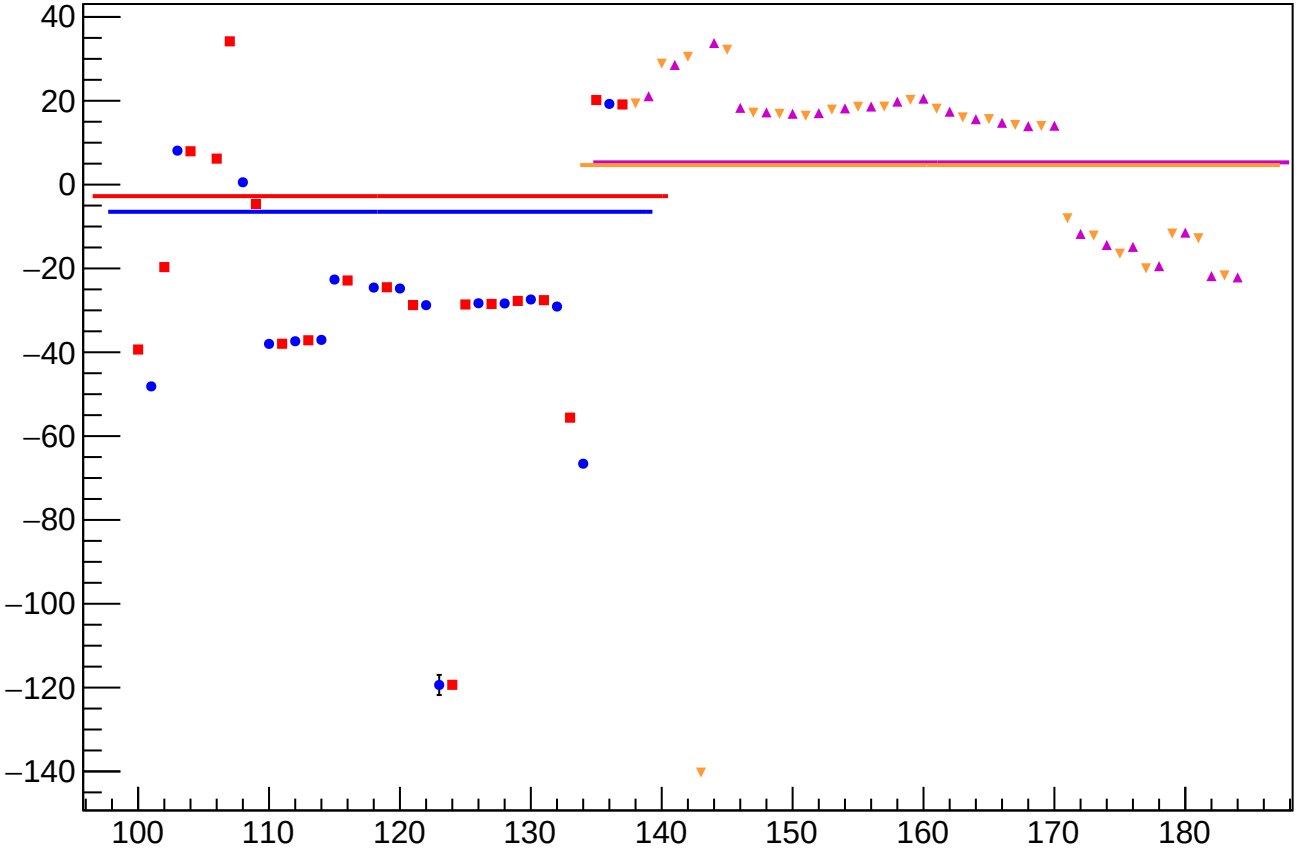
Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: 6.418+/-0.334 χ^2/NDF:3644.2/39

Out: 5.793+/-0.332 χ^2/NDF:3822.2/42

All: 6.103+/-0.236 χ^2/NDF: 7468.1/82

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: 4.660+/-0.017 χ^2/NDF:1291201.8/23

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

Left: 4.986+/-0.012 χ^2/NDF: 2381581.7/46

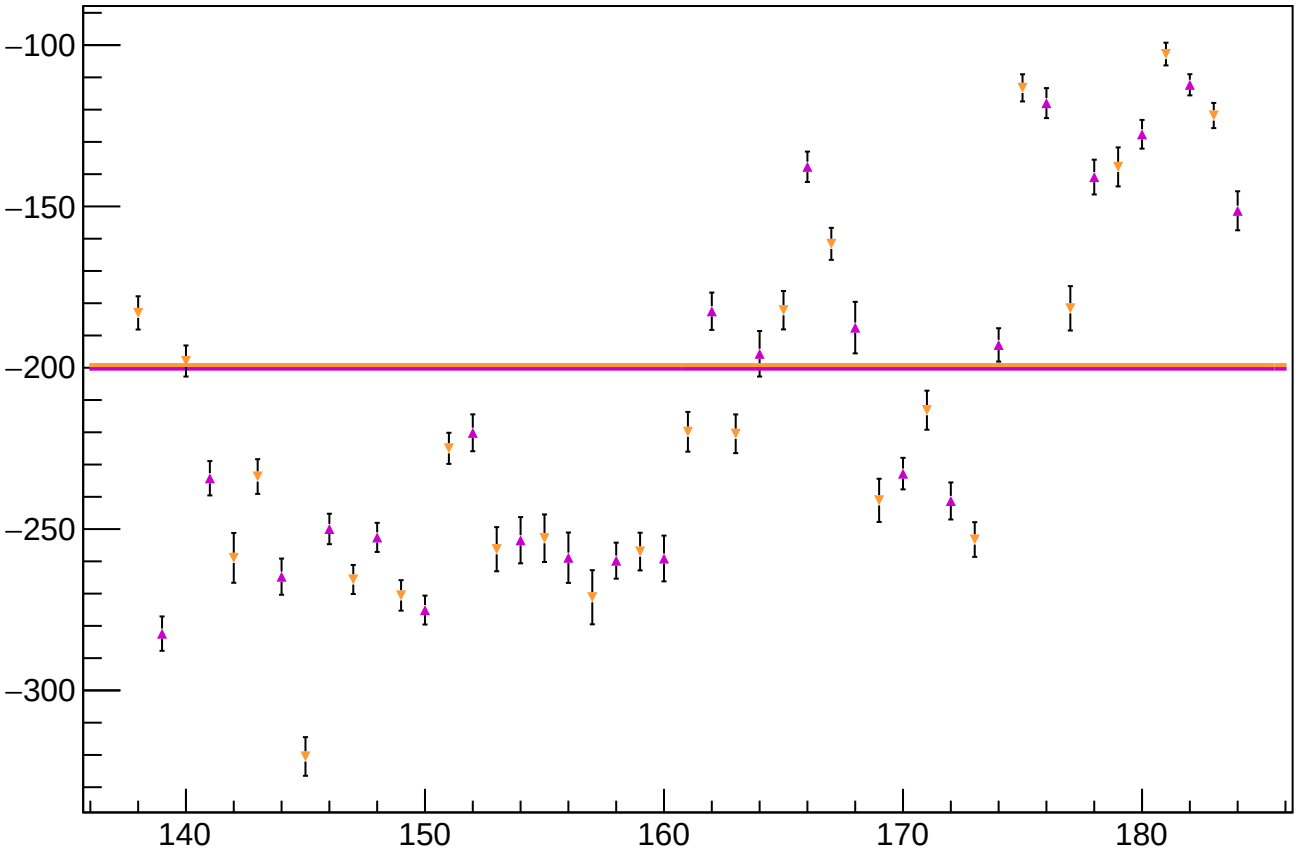
Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 3.991+/-0.015 χ^2/NDF:1413343.1/39

Out: 3.800+/-0.016 χ^2/NDF:1580763.1/42

All: 3.896+/-0.011 χ^2/NDF: 2994182.2/82

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: -199.168+/-1.092 χ^2/NDF:3193.0/23

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

Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

Left: -199.721+/-0.773 χ^2/NDF: 6207.3/46

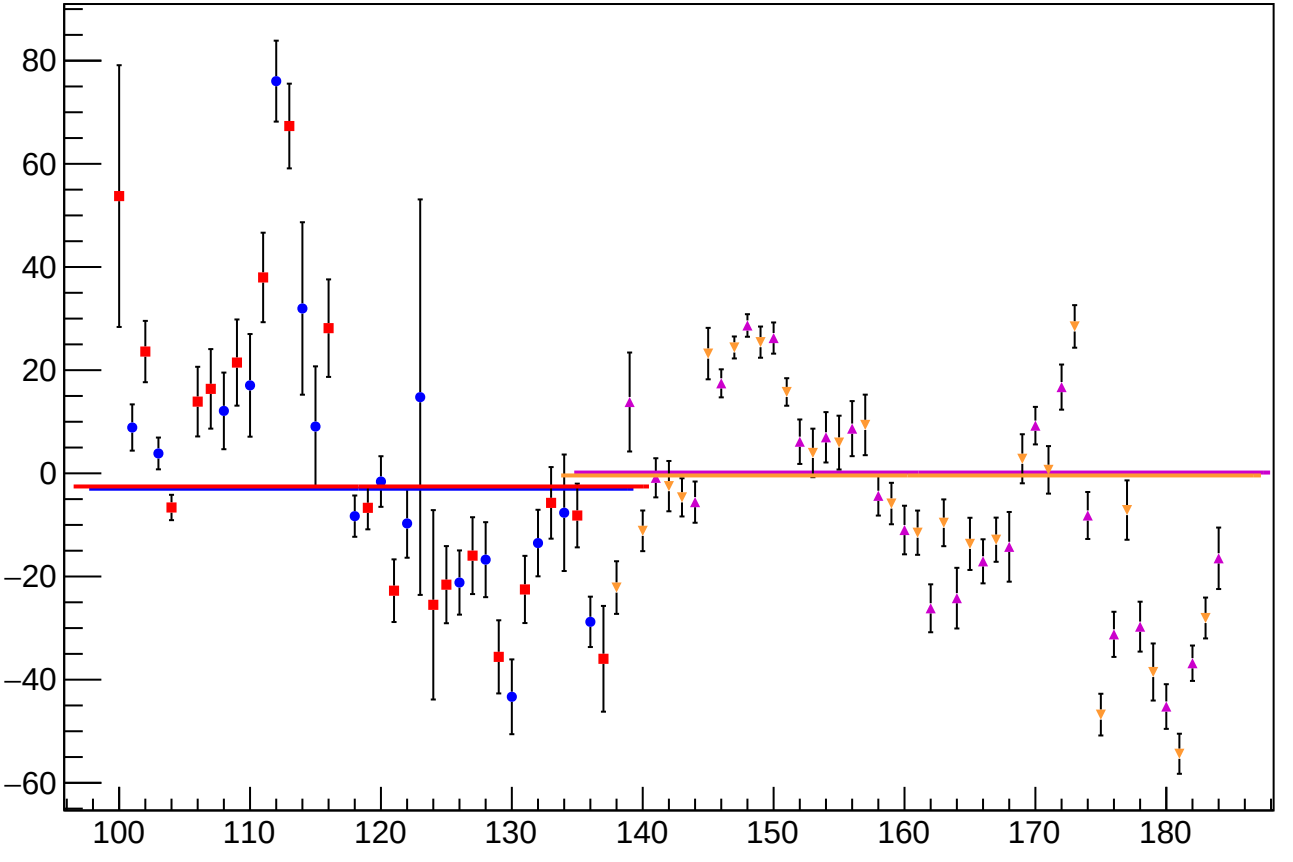
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -200.276+/-1.093 χ^2/NDF:3013.8/22

Out: -199.168+/-1.092 χ^2/NDF:3193.0/23

All: -199.721+/-0.773 χ^2/NDF: 6207.3/46

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: -0.410+/-0.816 χ^2/NDF:799.4/23

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

Left: -0.135+/-0.584 χ^2/NDF: 1519.3/46

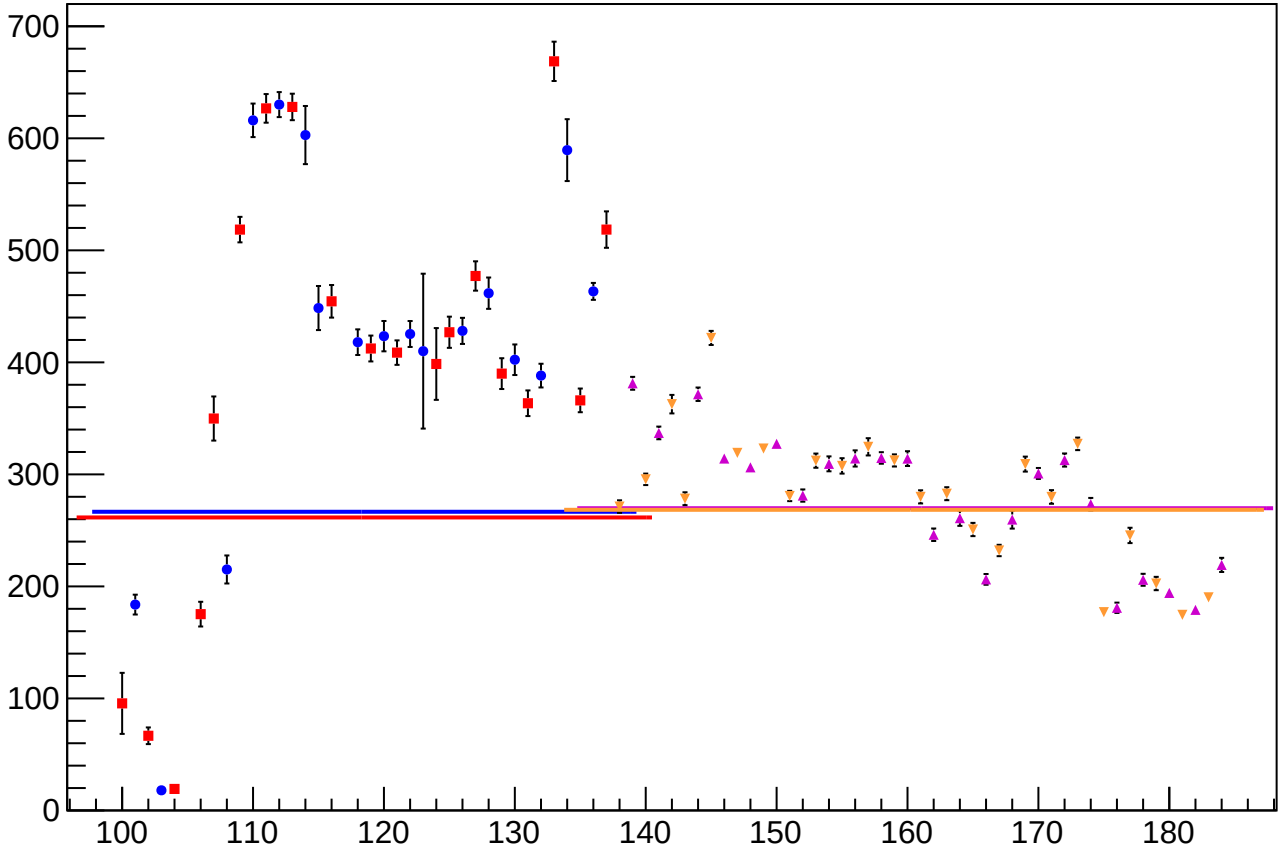
Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: -0.629+/-0.724 χ^2/NDF:927.0/39

Out: -0.953+/-0.705 χ^2/NDF:1019.3/42

All: -0.795+/-0.505 χ^2/NDF: 1946.4/82

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: 268.382+/-1.090 χ^2/NDF:3117.2/23

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

Left: 269.092+/-0.770 χ^2/NDF: 6353.0/46

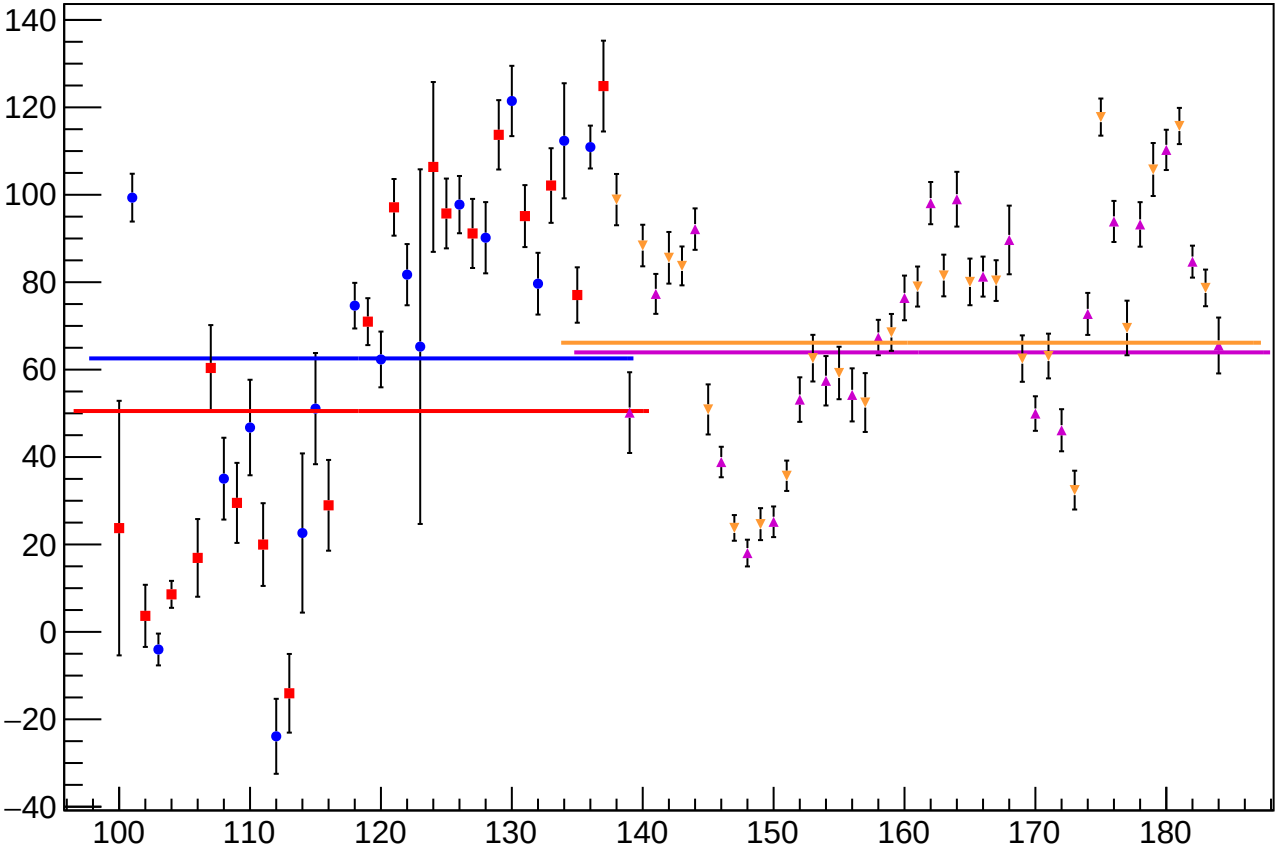
Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 269.285+/-0.995 χ^2/NDF:10899.0/39

Out: 267.258+/-0.997 χ^2/NDF:11331.9/42

All: 268.273+/-0.704 χ^2/NDF: 22233.0/82

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: 66.156+/-0.946 χ^2/NDF:942.3/23

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

Left: 65.067+/-0.674 χ^2/NDF: 1748.4/46

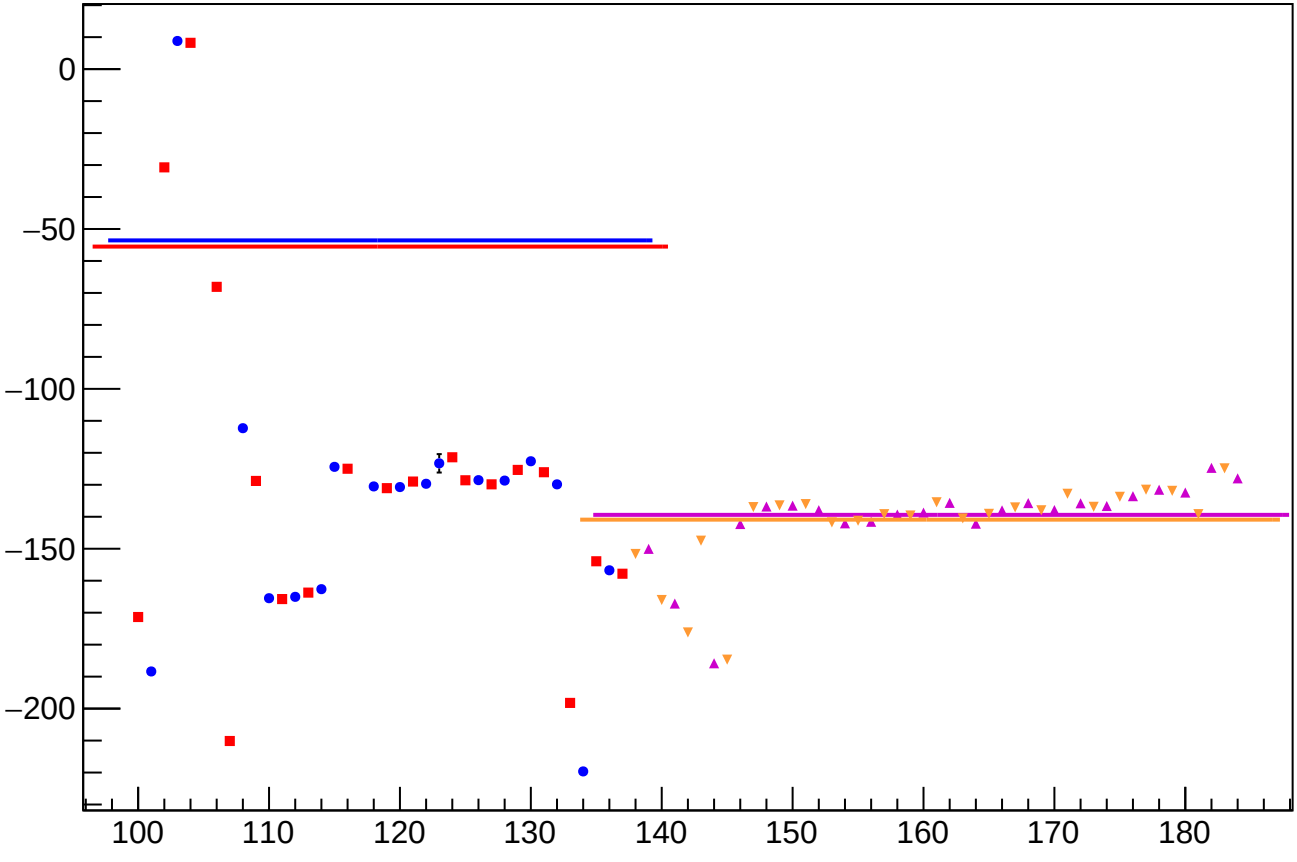
Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 63.604+/-0.834 χ^2/NDF:1526.3/39

Out: 62.268+/-0.820 χ^2/NDF:1667.3/42

All: 62.925+/-0.584 χ^2/NDF: 3194.8/82

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: -140.905+/-0.045 χ^2/NDF:73693.8/23

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

Left: -140.149+/-0.032 χ^2/NDF: 137126.0/46

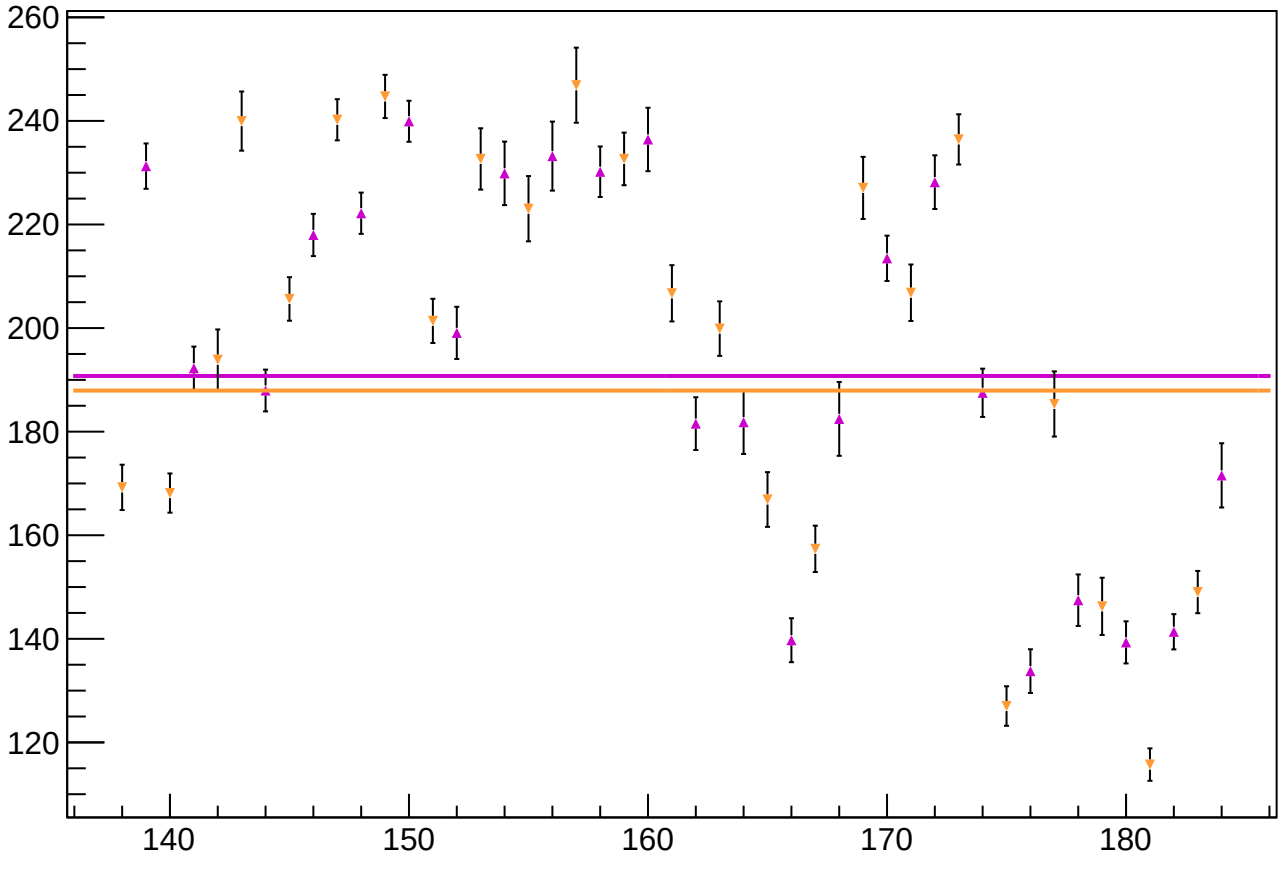
Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -114.572+/-0.038 χ^2/NDF:2353492.3/39

Out: -116.703+/-0.038 χ^2/NDF:2054192.8/42

All: -115.624+/-0.027 χ^2/NDF: 4409255.5/82

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: 187.933+/-0.965 χ^2/NDF:1916.7/23

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

Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

Left: 189.333+/-0.684 χ^2/NDF: 3342.7/46

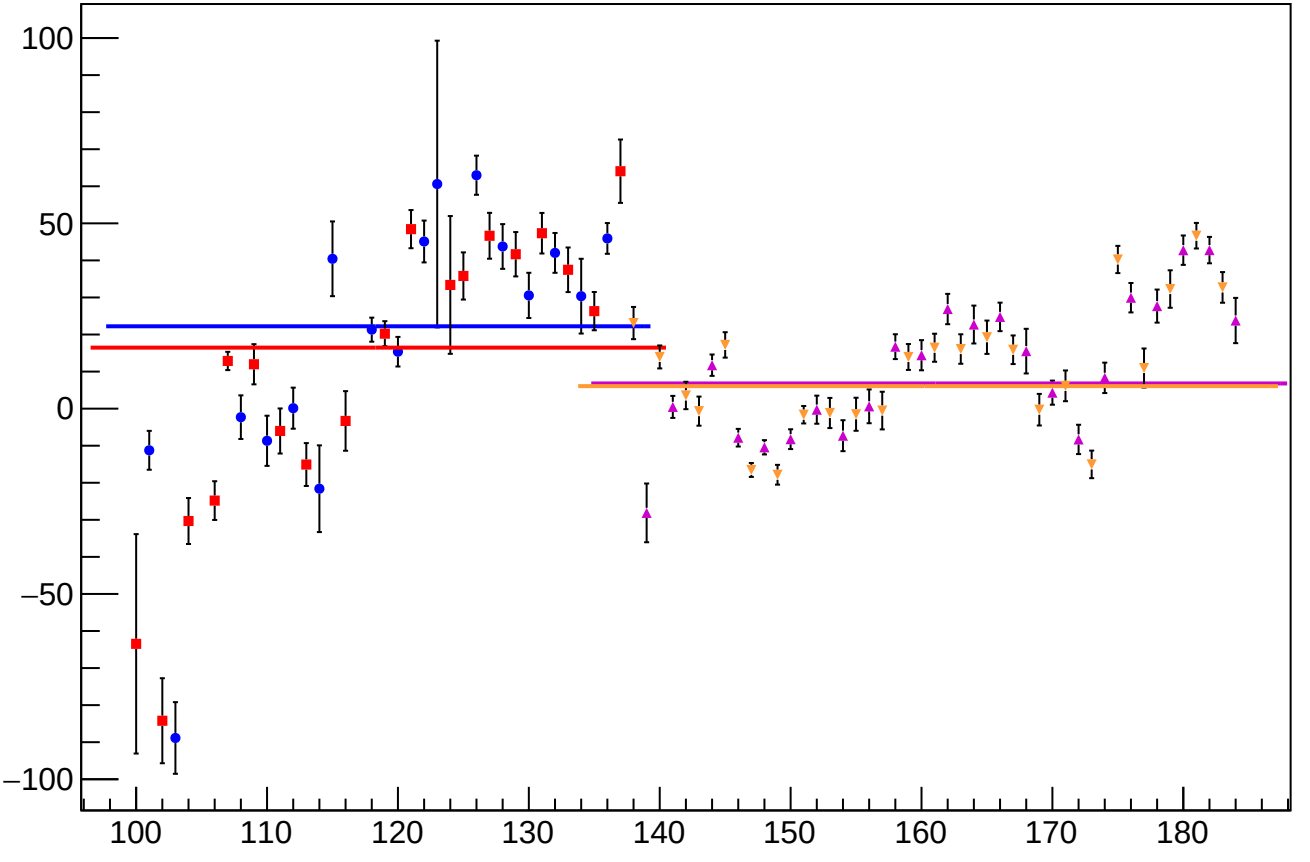
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 190.753+/-0.971 χ^2/NDF:1421.8/22

Out: 187.933+/-0.965 χ^2/NDF:1916.7/23

All: 189.333+/-0.684 χ^2/NDF: 3342.7/46

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: 6.071+/-0.718 χ^2/NDF:641.0/23

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

Left: 6.426+/-0.513 χ^2/NDF: 1167.3/46

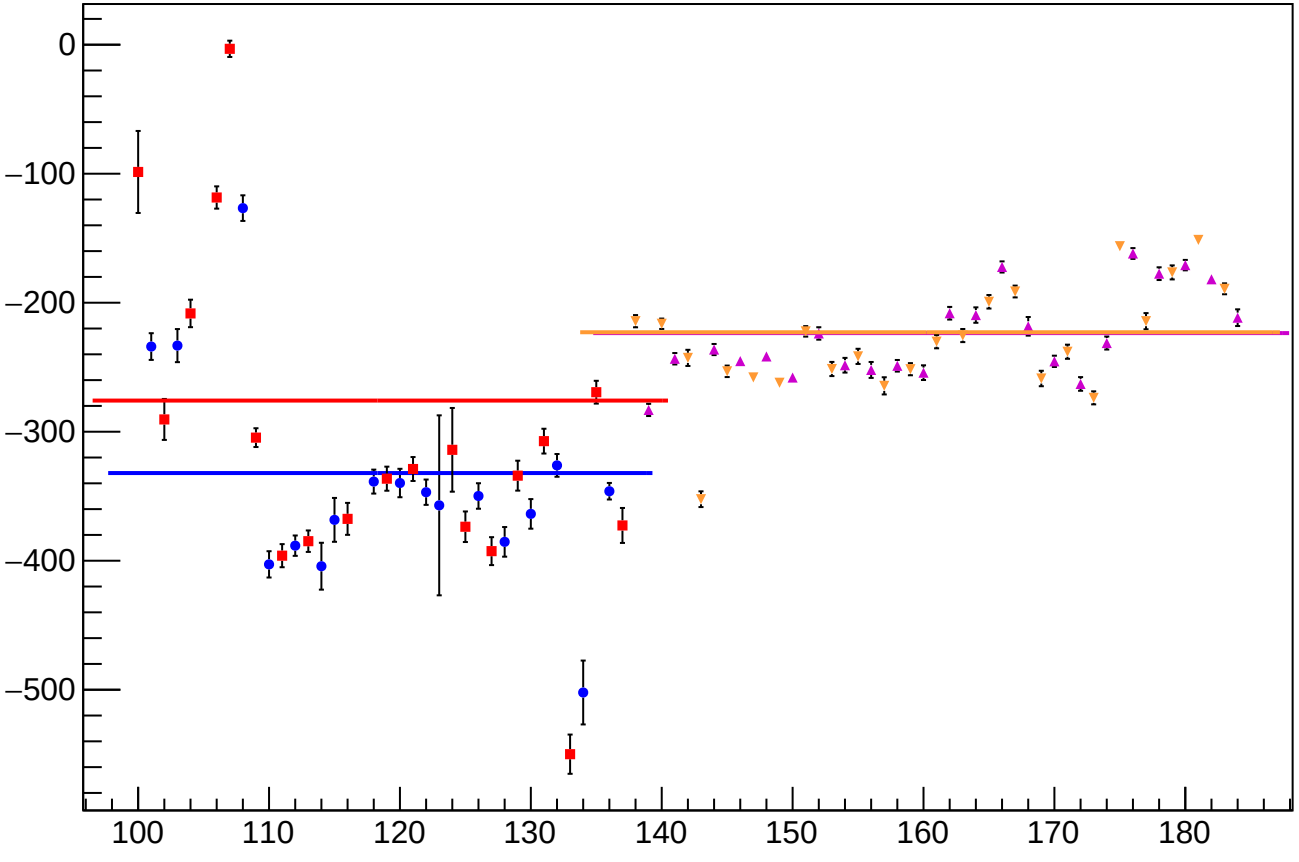
Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 10.228+/-0.648 χ^2/NDF:1009.5/39

Out: 8.714+/-0.620 χ^2/NDF:1120.1/42

All: 9.438+/-0.448 χ^2/NDF: 2132.4/82

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: -222.895+/-0.964 χ^2/NDF:1958.4/23

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

Left: -223.224+/-0.682 χ^2/NDF: 3245.1/46

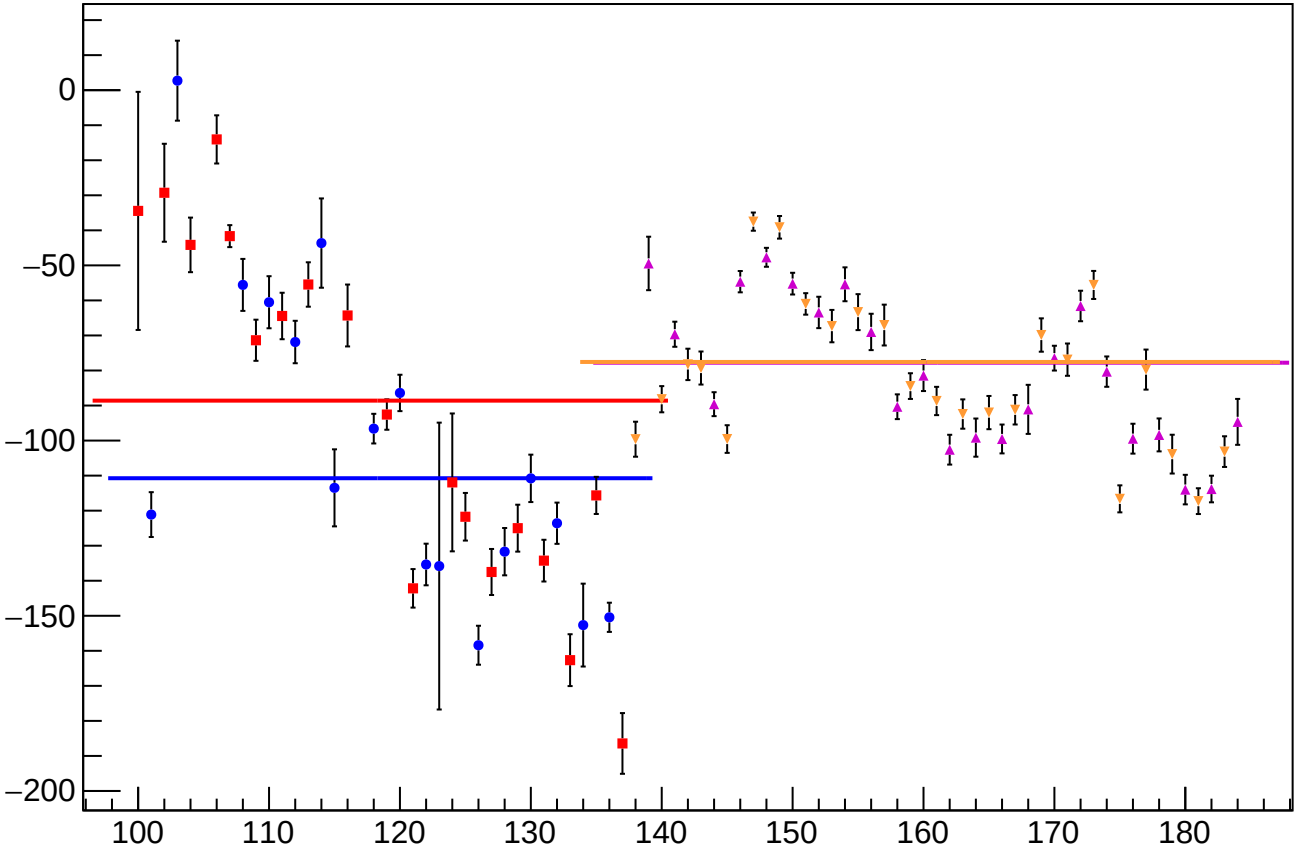
Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -237.047+/-0.904 χ^2/NDF:3641.4/39

Out: -230.667+/-0.890 χ^2/NDF:5764.2/42

All: -233.811+/-0.634 χ^2/NDF: 9430.8/82

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: -77.561+/-0.833 χ^2/NDF:835.7/23

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

Left: -77.667+/-0.594 χ^2/NDF: 1460.2/46

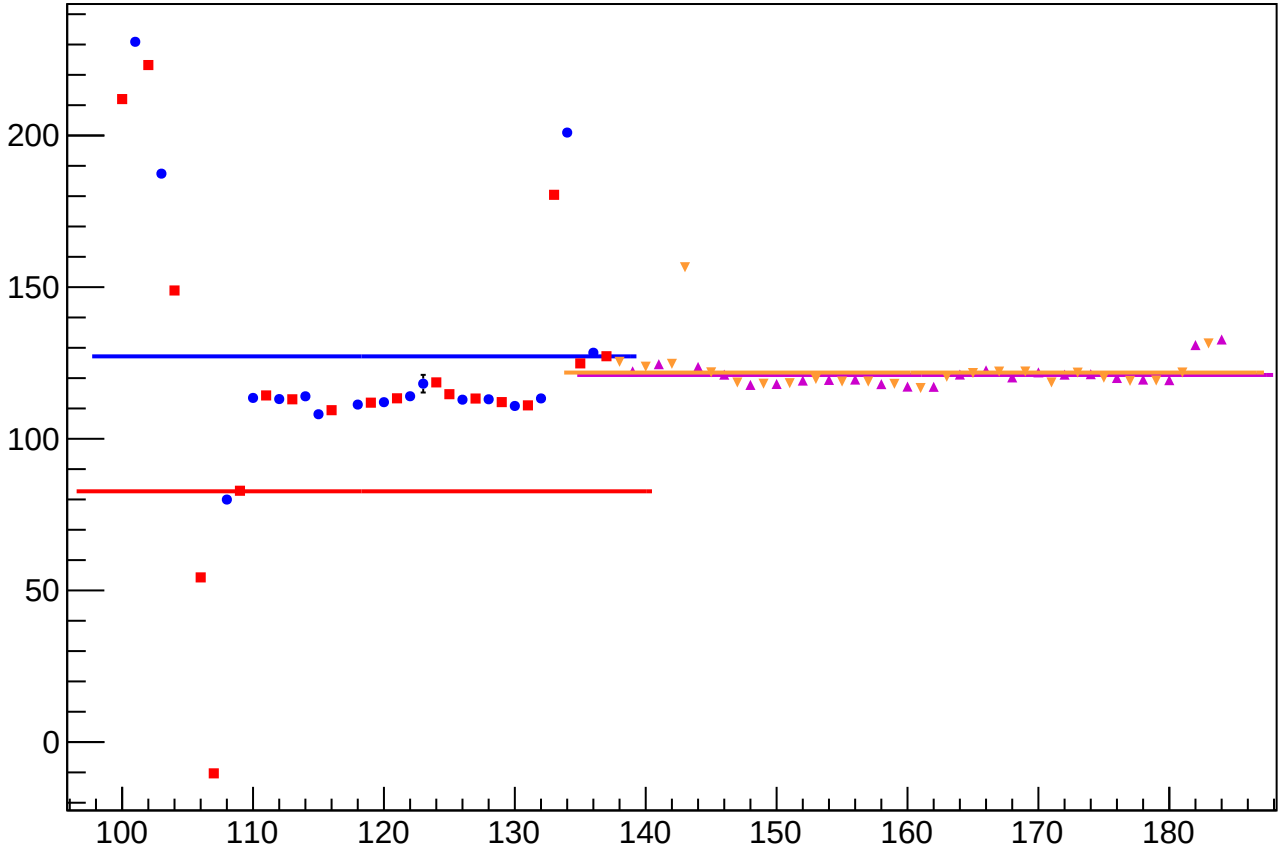
Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -85.150+/-0.746 χ^2/NDF:1476.9/39

Out: -80.347+/-0.721 χ^2/NDF:1849.7/42

All: -82.665+/-0.518 χ^2/NDF: 3348.1/82

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179+/-0.089 χ^2/NDF: 188050.9/16

Left Out: 121.836+/-0.040 χ^2/NDF:26733.1/23

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

Left: 121.438+/-0.028 χ^2/NDF: 34835.0/46

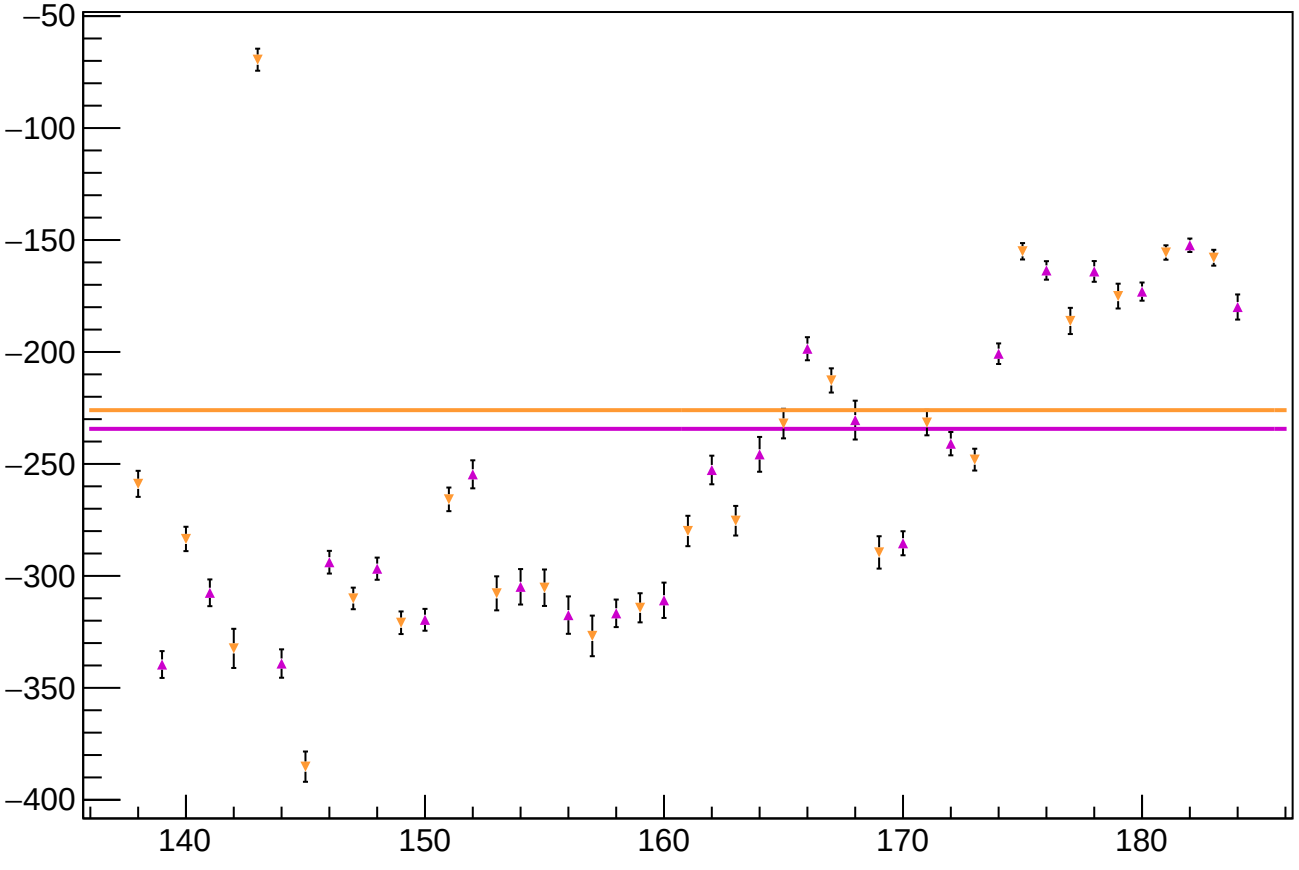
Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 122.057+/-0.036 χ^2/NDF:199918.7/39

Out: 113.277+/-0.035 χ^2/NDF:1003697.4/42

All: 117.551+/-0.025 χ^2/NDF: 1233886.5/82

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -225.985+/-1.096 χ^2/NDF:4668.9/23

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

Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

Left: -230.125+/-0.778 χ^2/NDF: 8289.6/46

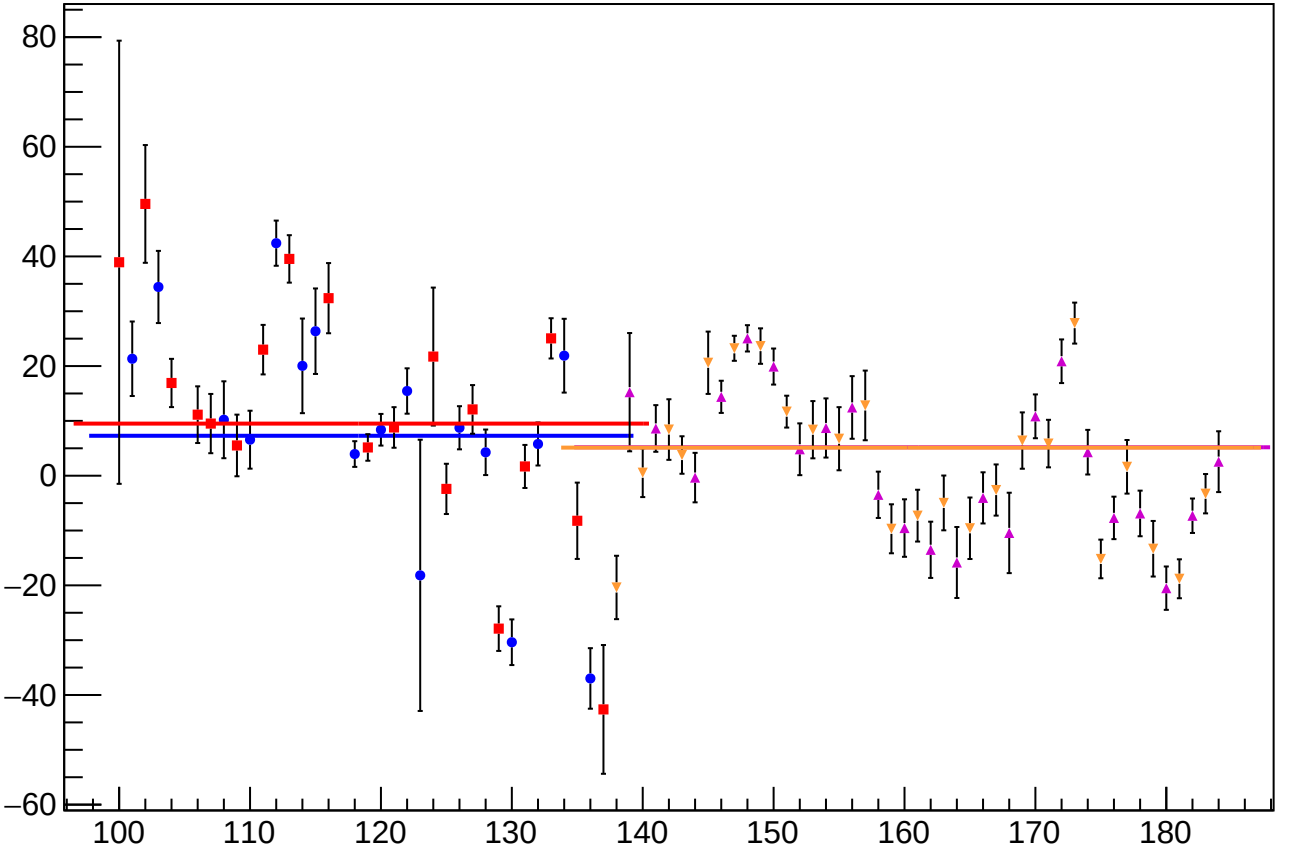
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -234.328+/-1.104 χ^2/NDF:3591.9/22

Out: -225.985+/-1.096 χ^2/NDF:4668.9/23

All: -230.125+/-0.778 χ^2/NDF: 8289.6/46

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: 5.123+/-0.839 χ^2/NDF:297.6/23

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

Left: 5.154+/-0.603 χ^2/NDF: 540.8/46

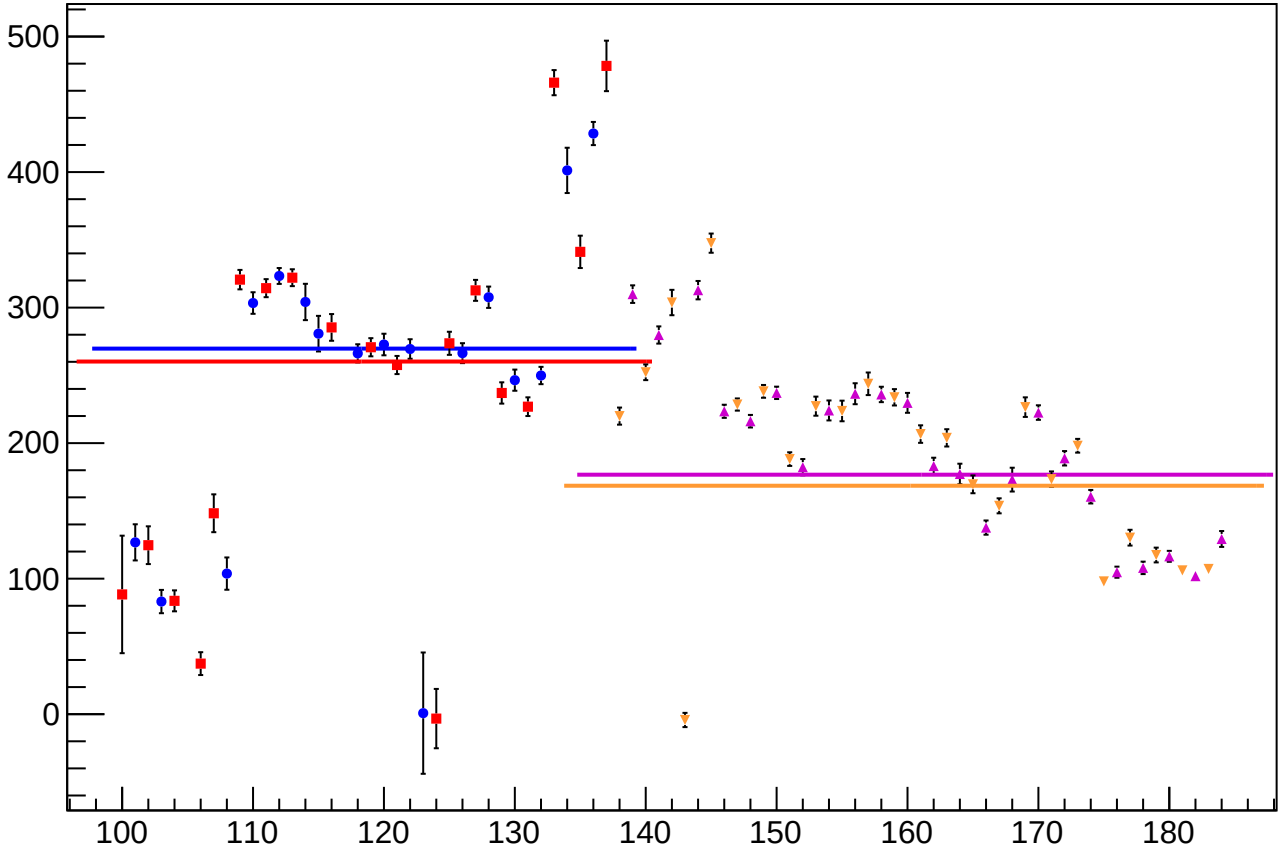
Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 6.005+/-0.677 χ^2/NDF:506.5/39

Out: 6.783+/-0.661 χ^2/NDF:539.5/42

All: 6.403+/-0.473 χ^2/NDF: 1046.6/82

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: 168.564+/-1.098 χ^2/NDF:4237.5/23

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

Left: 172.622+/-0.778 χ^2/NDF: 7499.2/46

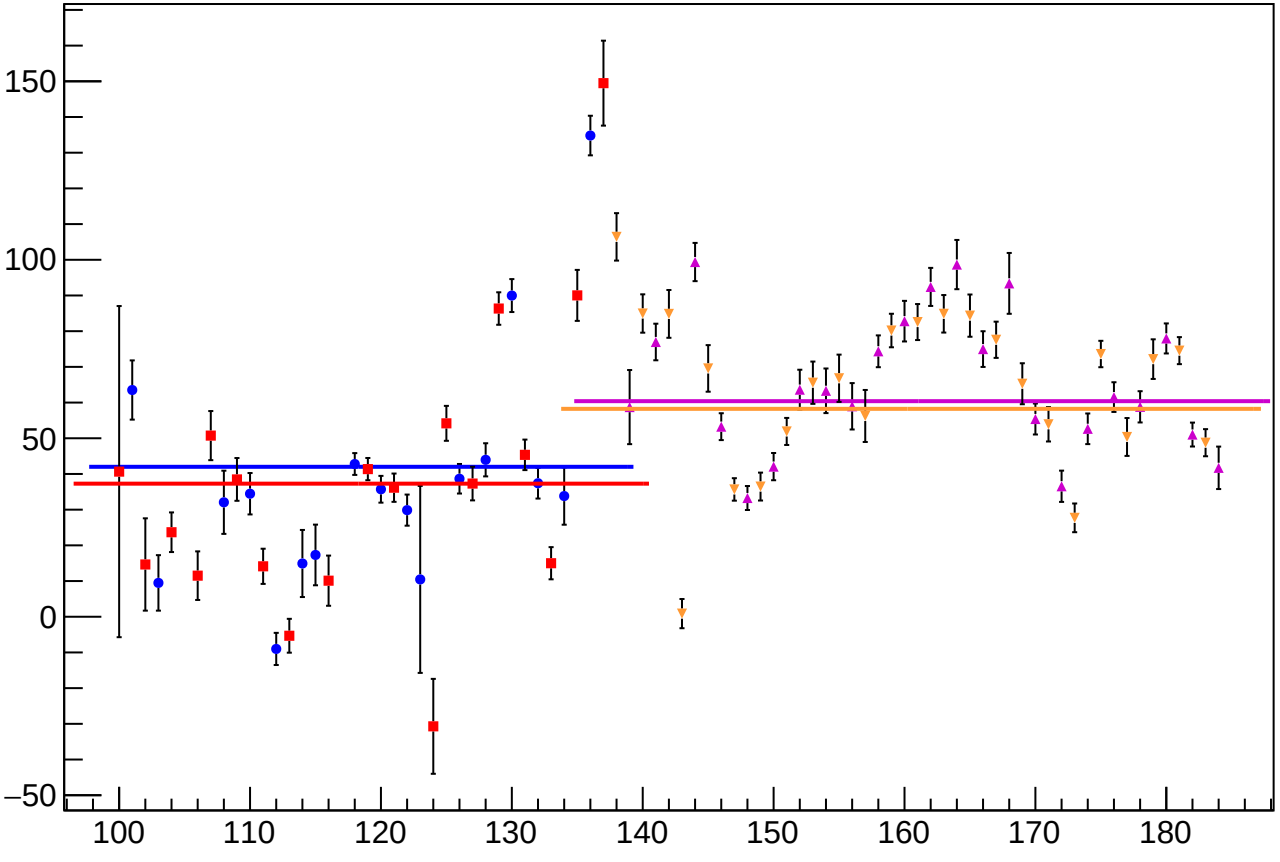
Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 197.231+/-0.973 χ^2/NDF:6180.8/39

Out: 190.150+/-0.960 χ^2/NDF:8420.3/42

All: 193.643+/-0.683 χ^2/NDF: 14628.0/82

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: 58.243+/-0.966 χ^2/NDF:596.5/23

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

Left: 59.294+/-0.690 χ^2/NDF: 940.2/46

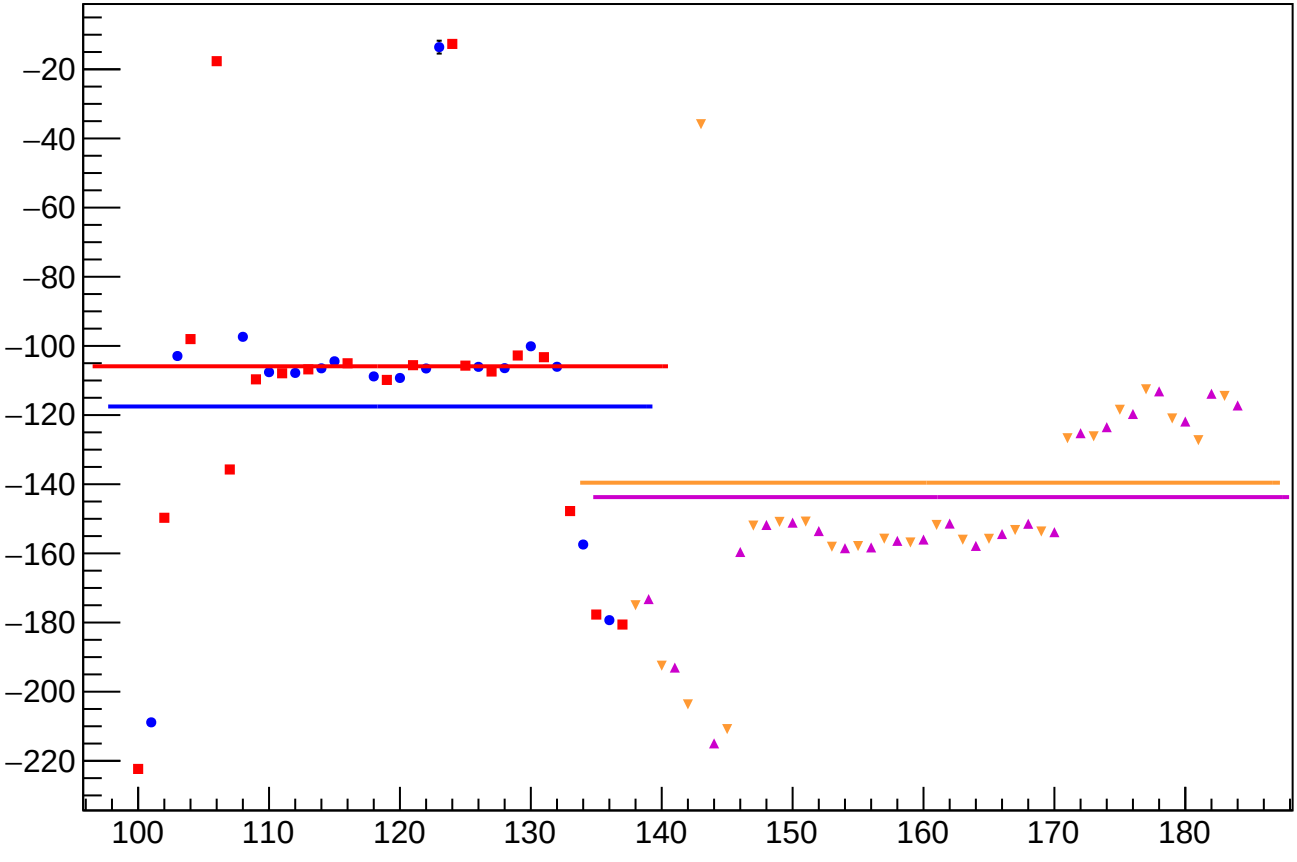
Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 53.368+/-0.776 χ^2/NDF:1049.3/39

Out: 50.309+/-0.761 χ^2/NDF:1247.5/42

All: 51.809+/-0.543 χ^2/NDF: 2304.8/82

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: -139.557+/-0.046 χ^2/NDF:516454.4/23

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

Left: -141.644+/-0.032 χ^2/NDF: 781567.0/46

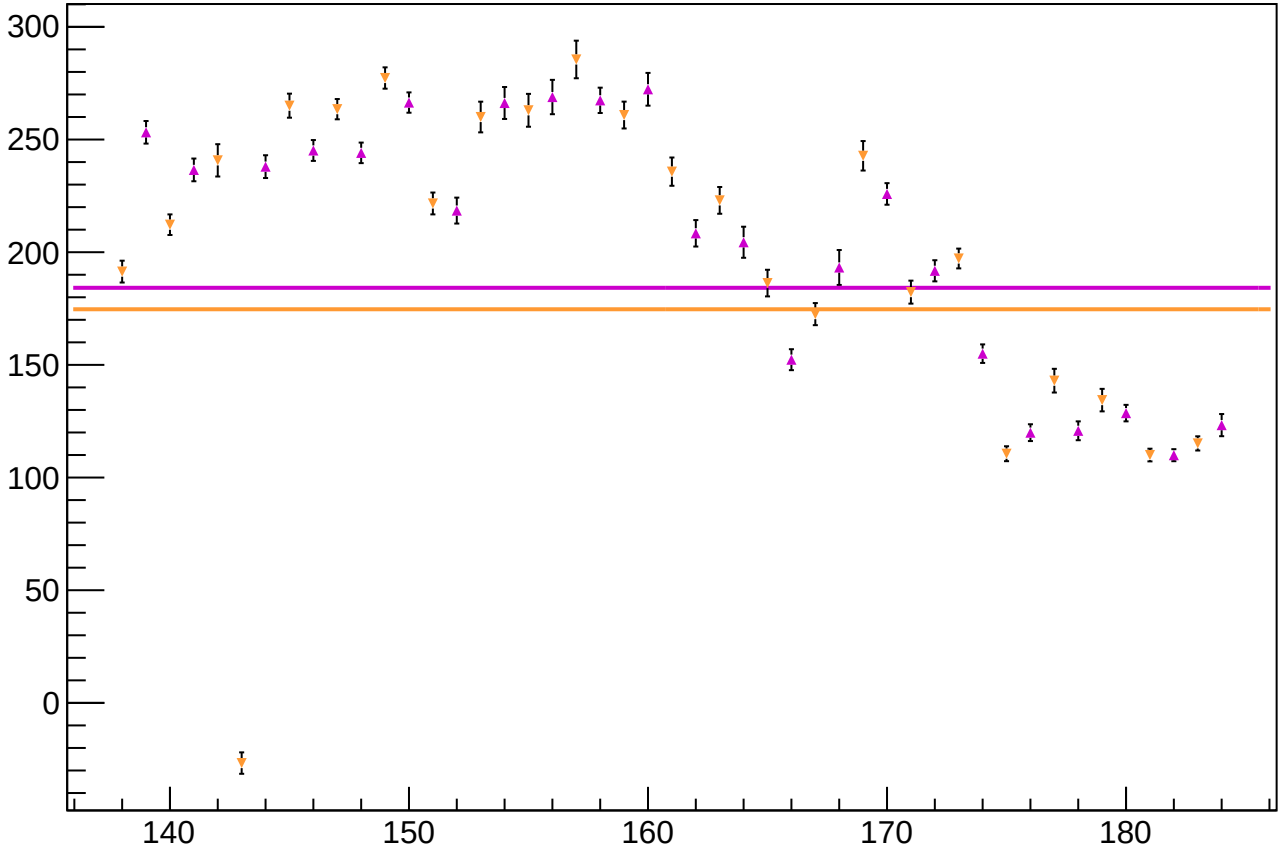
Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -136.983+/-0.040 χ^2/NDF:486871.5/39

Out: -129.964+/-0.039 χ^2/NDF:993670.4/42

All: -133.411+/-0.028 χ^2/NDF: 1496559.0/82

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 174.680+/-0.980 χ^2/NDF:5551.1/23

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

Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

Left: 179.411+/-0.695 χ^2/NDF: 9235.1/46

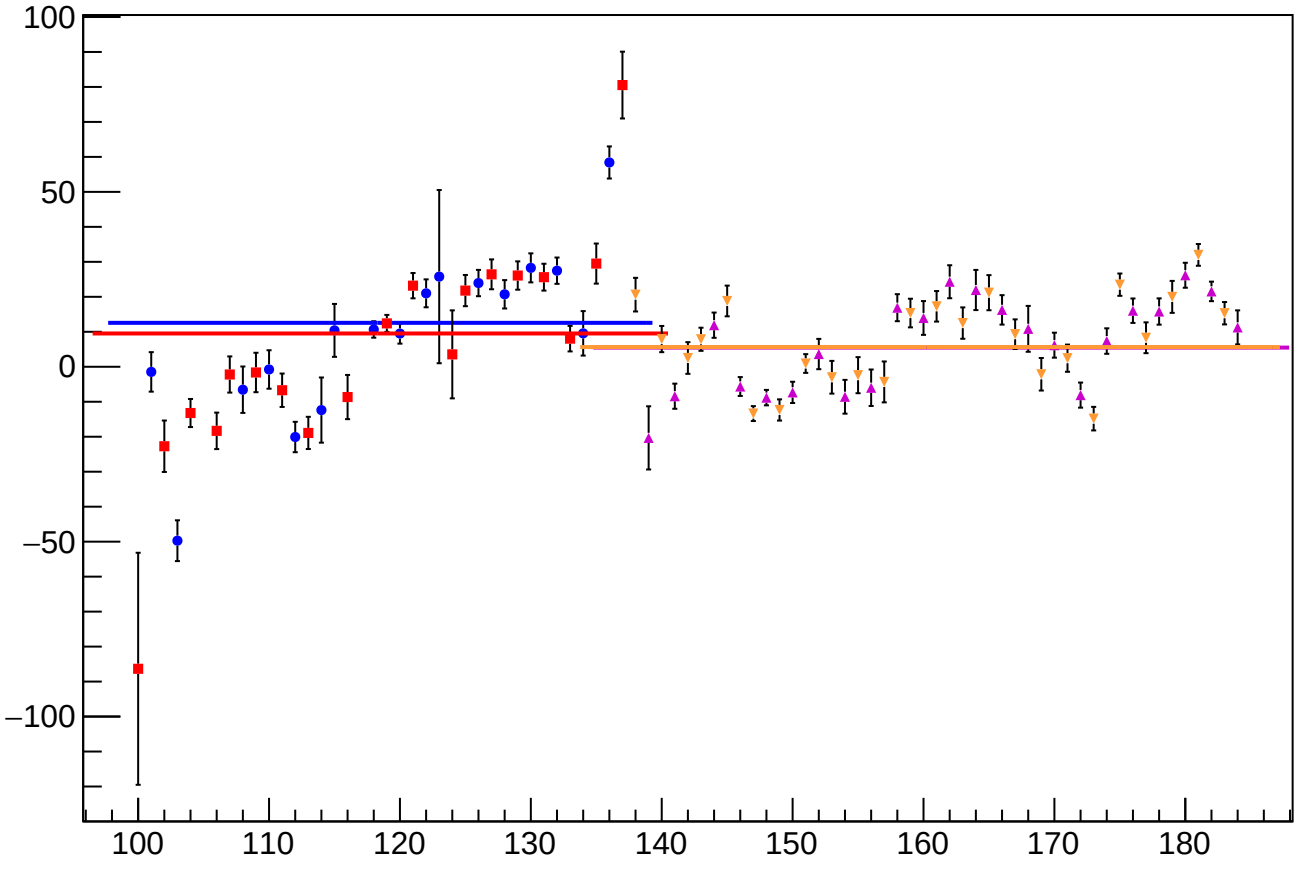
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 184.205+/-0.987 χ^2/NDF:3637.1/22

Out: 174.680+/-0.980 χ^2/NDF:5551.1/23

All: 179.411+/-0.695 χ^2/NDF: 9235.1/46

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: 5.632+/-0.757 χ^2/NDF:335.0/23

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

Left: 5.560+/-0.543 χ^2/NDF: 594.1/46

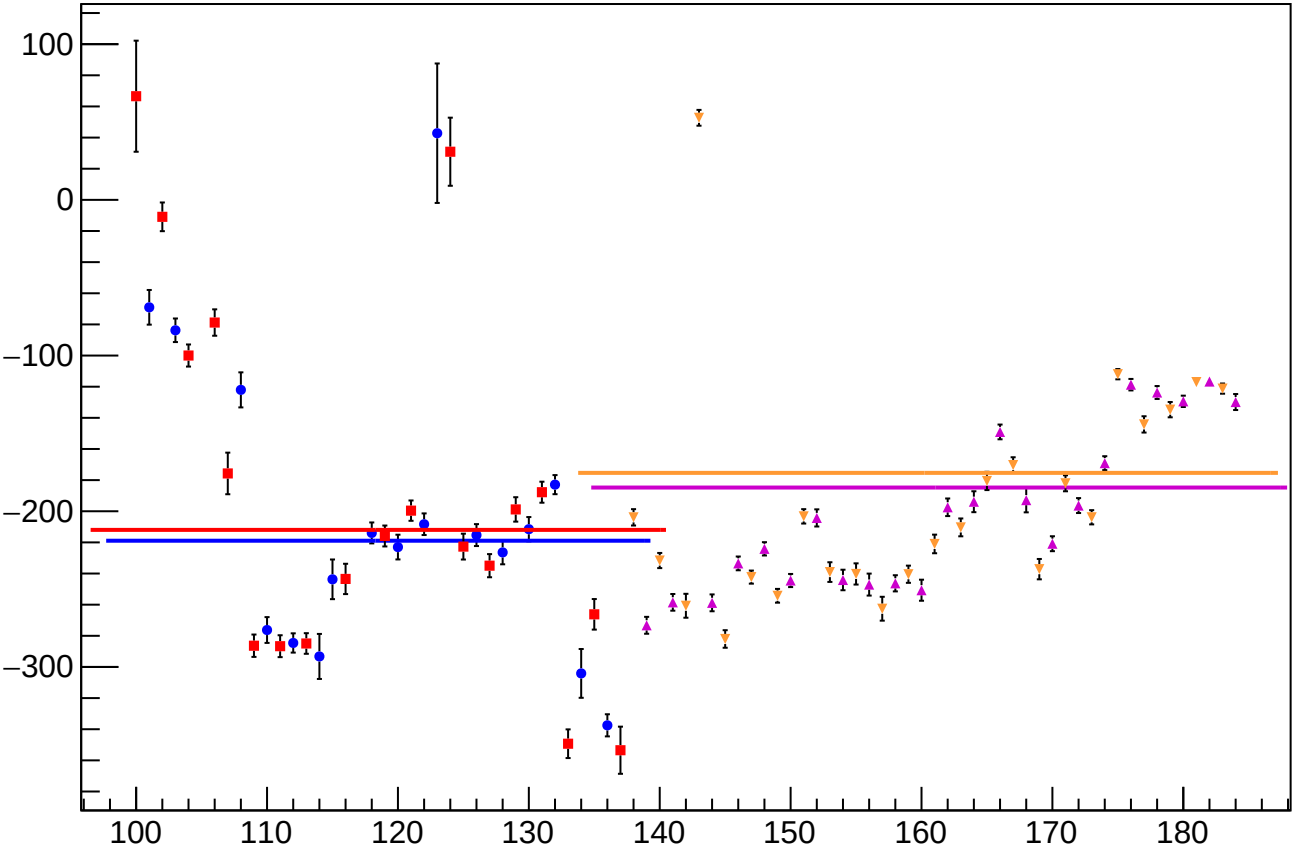
Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 7.979+/-0.627 χ^2/NDF:635.9/39

Out: 6.961+/-0.614 χ^2/NDF:640.2/42

All: 7.459+/-0.439 χ^2/NDF: 1277.5/82

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: -175.350+/-0.984 χ^2/NDF:5103.1/23

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

Left: -180.049+/-0.697 χ^2/NDF: 8231.2/46

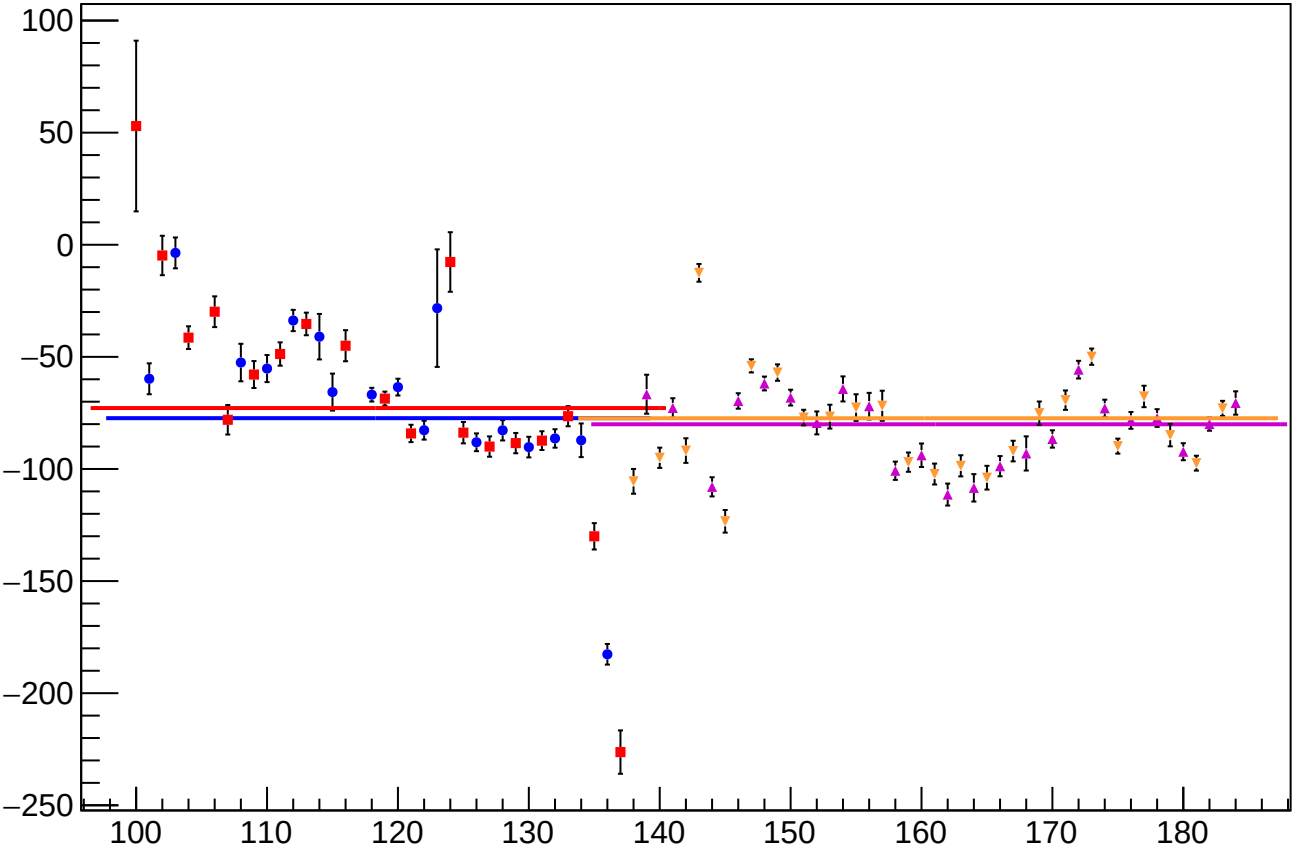
Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -191.428+/-0.885 χ^2/NDF:4462.4/39

Out: -182.942+/-0.876 χ^2/NDF:7276.2/42

All: -187.141+/-0.623 χ^2/NDF: 11785.0/82

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: -77.381+/-0.869 χ^2/NDF:719.9/23

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

Left: -78.699+/-0.621 χ^2/NDF: 1011.4/46

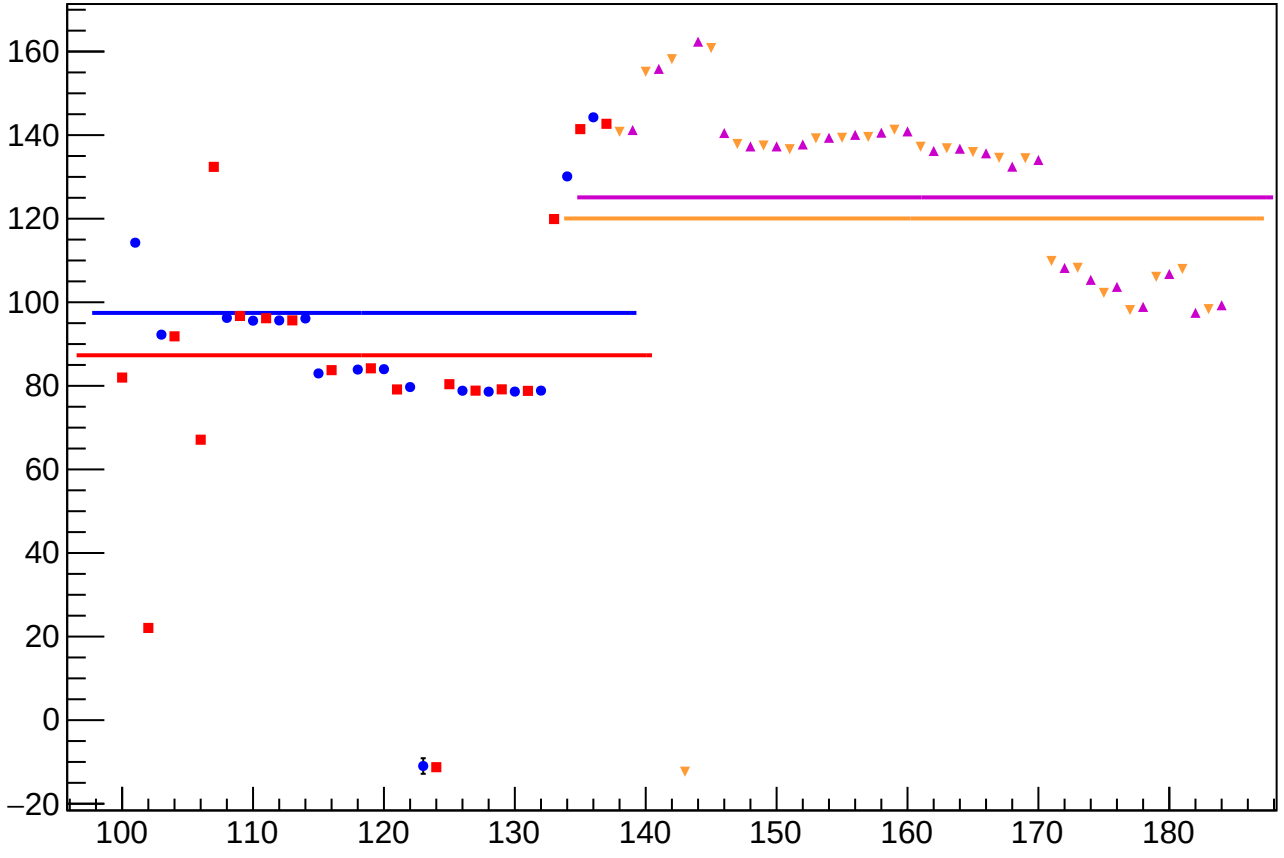
Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -79.126+/-0.717 χ^2/NDF:1107.3/39

Out: -75.831+/-0.706 χ^2/NDF:1402.1/42

All: -77.453+/-0.503 χ^2/NDF: 2520.1/82

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: 120.054+/-0.041 χ^2/NDF:652535.5/23

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

Left: 122.585+/-0.029 χ^2/NDF: 882847.8/46

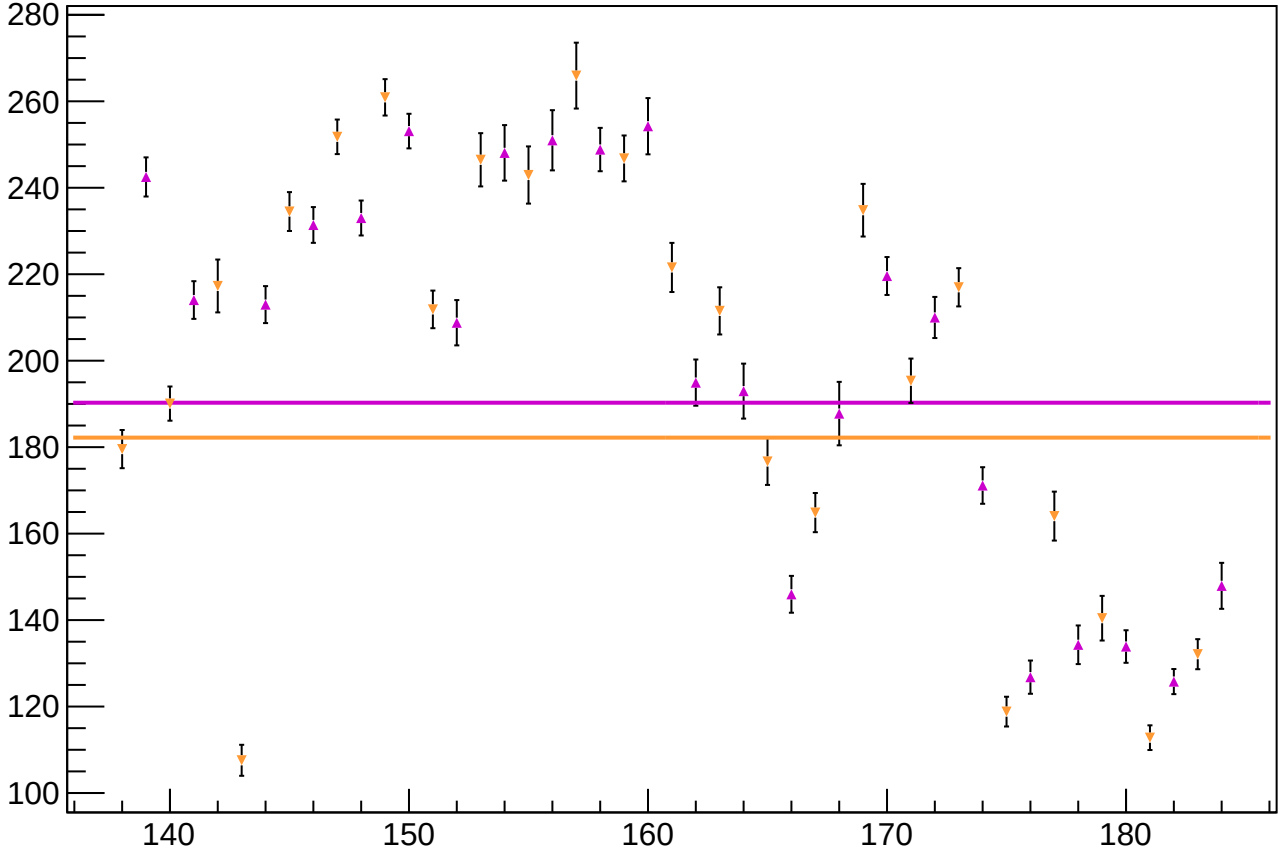
Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 118.483+/-0.036 χ^2/NDF:425605.3/39

Out: 111.302+/-0.035 χ^2/NDF:1043008.6/42

All: 114.836+/-0.025 χ^2/NDF: 1489002.6/82

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 182.205+/-0.927 χ^2/NDF:3215.9/23

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

Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

Left: 186.145+/-0.663 χ^2/NDF: 5705.8/46

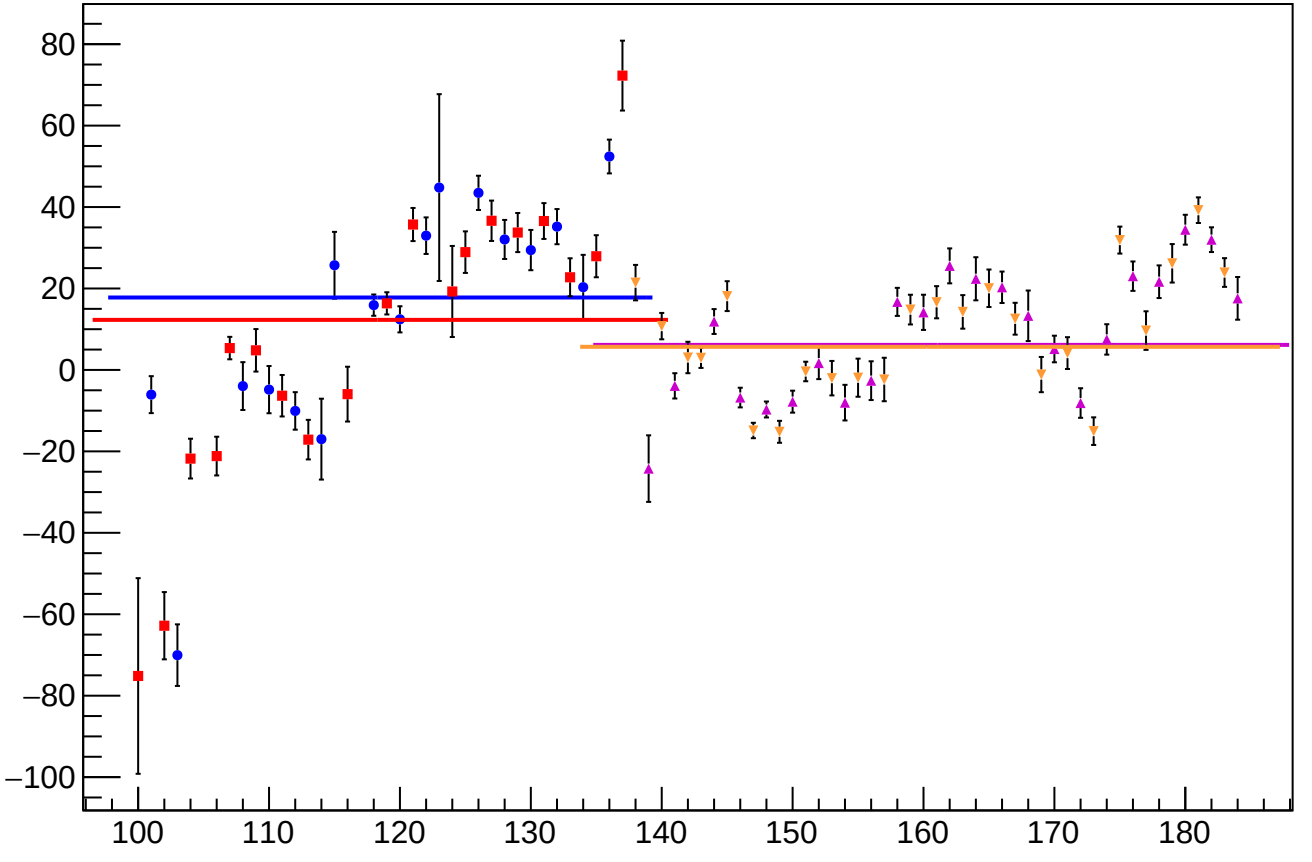
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 190.279+/-0.949 χ^2/NDF:2452.9/22

Out: 182.205+/-0.927 χ^2/NDF:3215.9/23

All: 186.145+/-0.663 χ^2/NDF: 5705.8/46

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: 5.677+/-0.697 χ^2/NDF:514.7/23

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

Left: 5.903+/-0.504 χ^2/NDF: 925.5/46

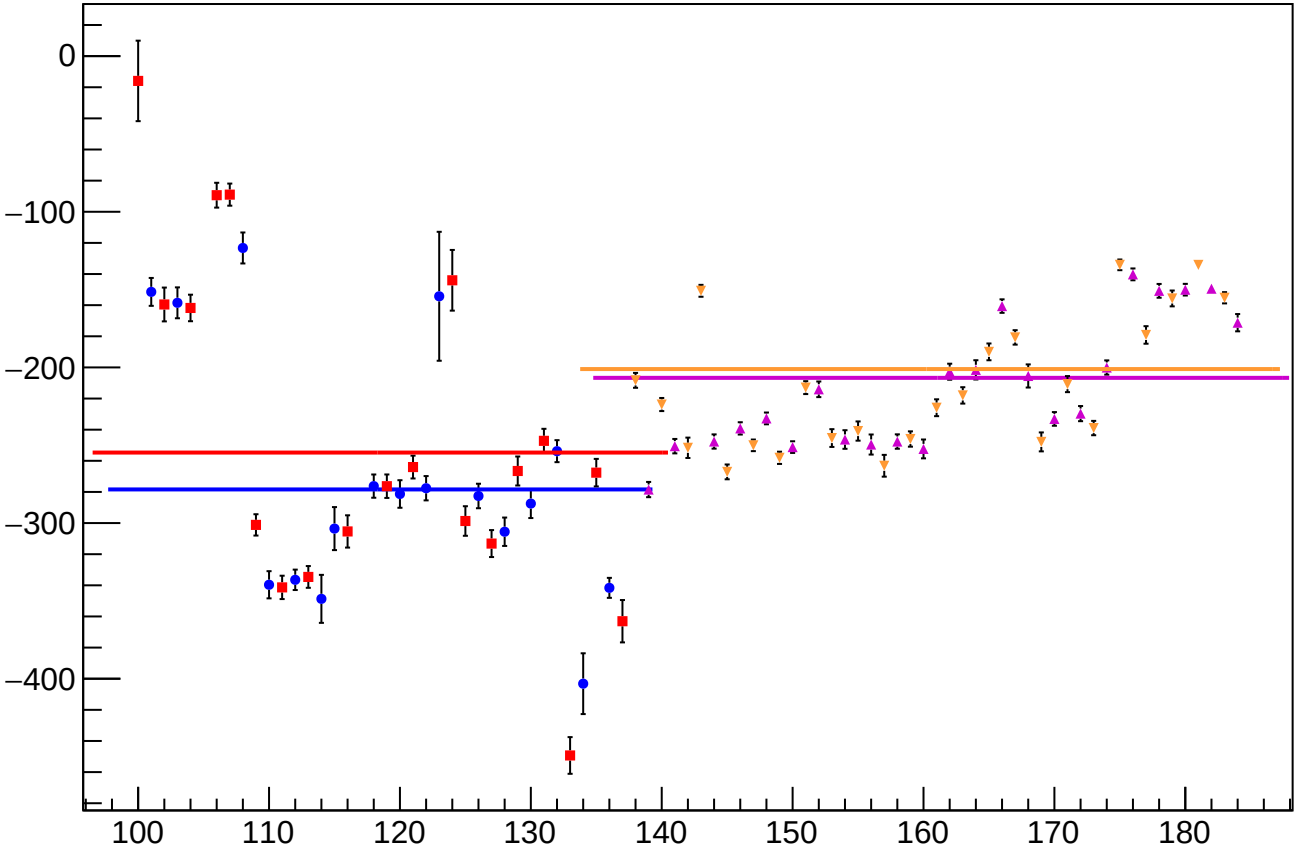
Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 9.507+/-0.616 χ^2/NDF:879.0/39

Out: 7.608+/-0.587 χ^2/NDF:984.7/42

All: 8.511+/-0.425 χ^2/NDF: 1868.7/82

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: -201.058+/-0.930 χ^2/NDF:2440.0/23

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

Left: -203.830+/-0.663 χ^2/NDF: 4593.0/46

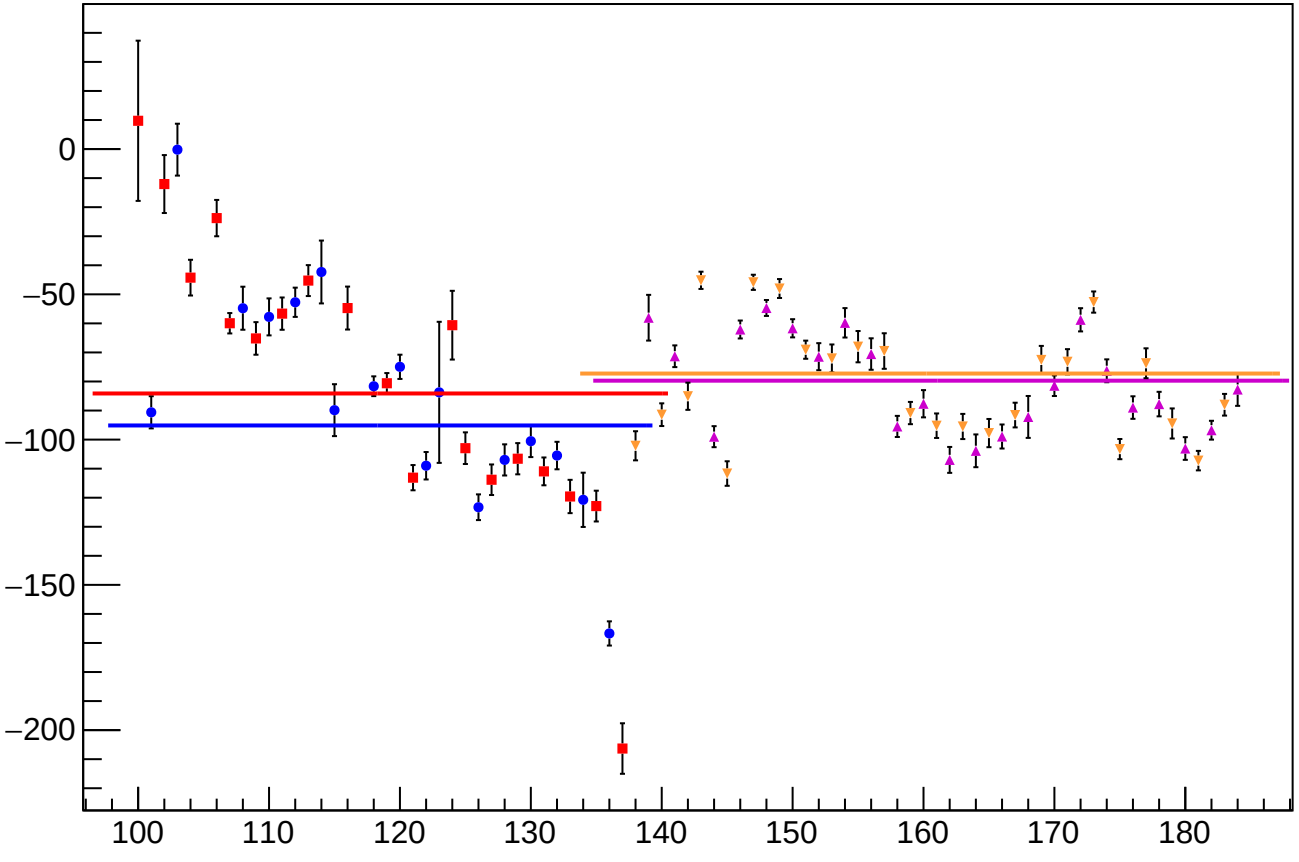
Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -218.173+/-0.867 χ^2/NDF:3964.3/39

Out: -210.436+/-0.845 χ^2/NDF:5060.4/42

All: -214.203+/-0.605 χ^2/NDF: 9065.6/82

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: -77.266+/-0.808 χ^2/NDF:742.1/23

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

Left: -78.448+/-0.581 χ^2/NDF: 1161.7/46

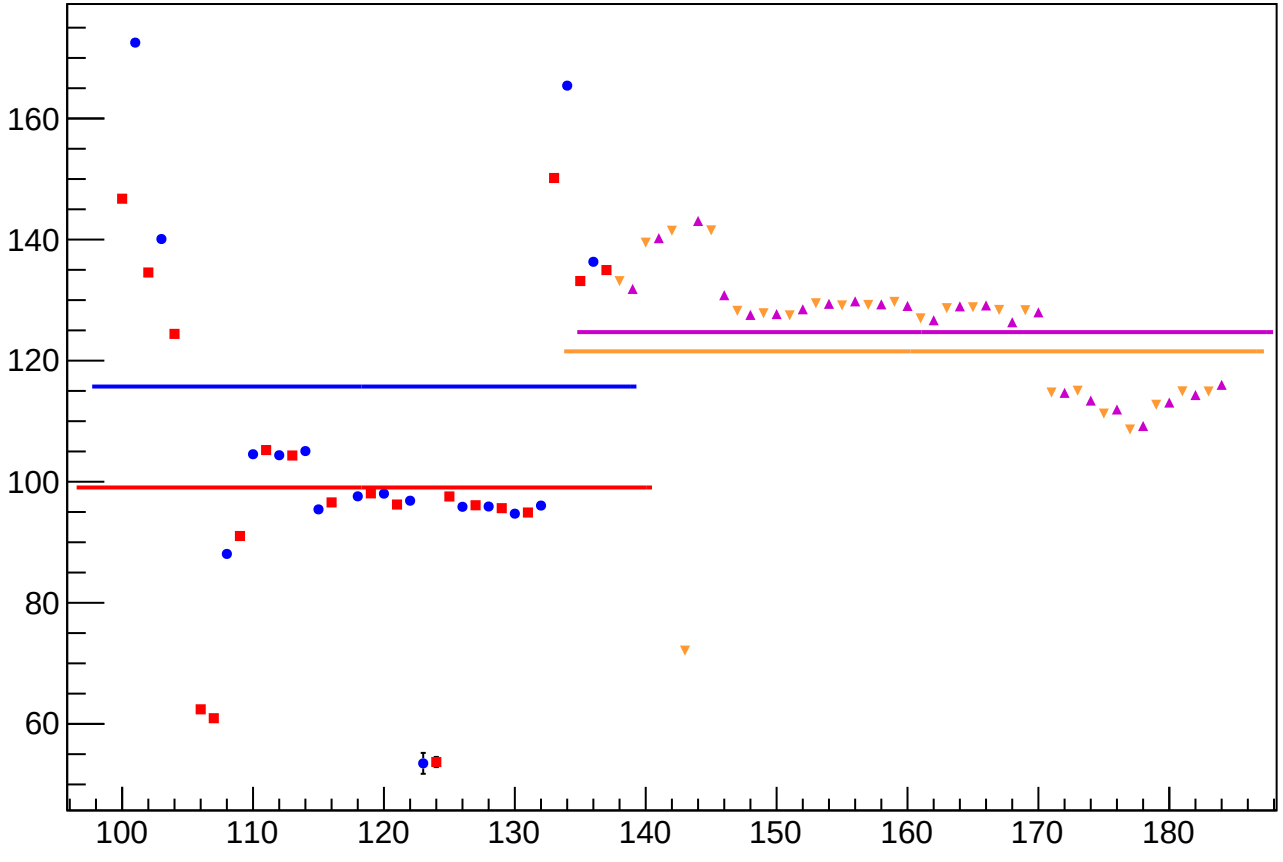
Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -84.131+/-0.708 χ^2/NDF:1187.1/39

Out: -79.266+/-0.680 χ^2/NDF:1546.0/42

All: -81.601+/-0.490 χ^2/NDF: 2757.6/82

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: 121.536+/-0.039 χ^2/NDF:164156.8/23

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

Left: 123.108+/-0.027 χ^2/NDF: 219250.2/46

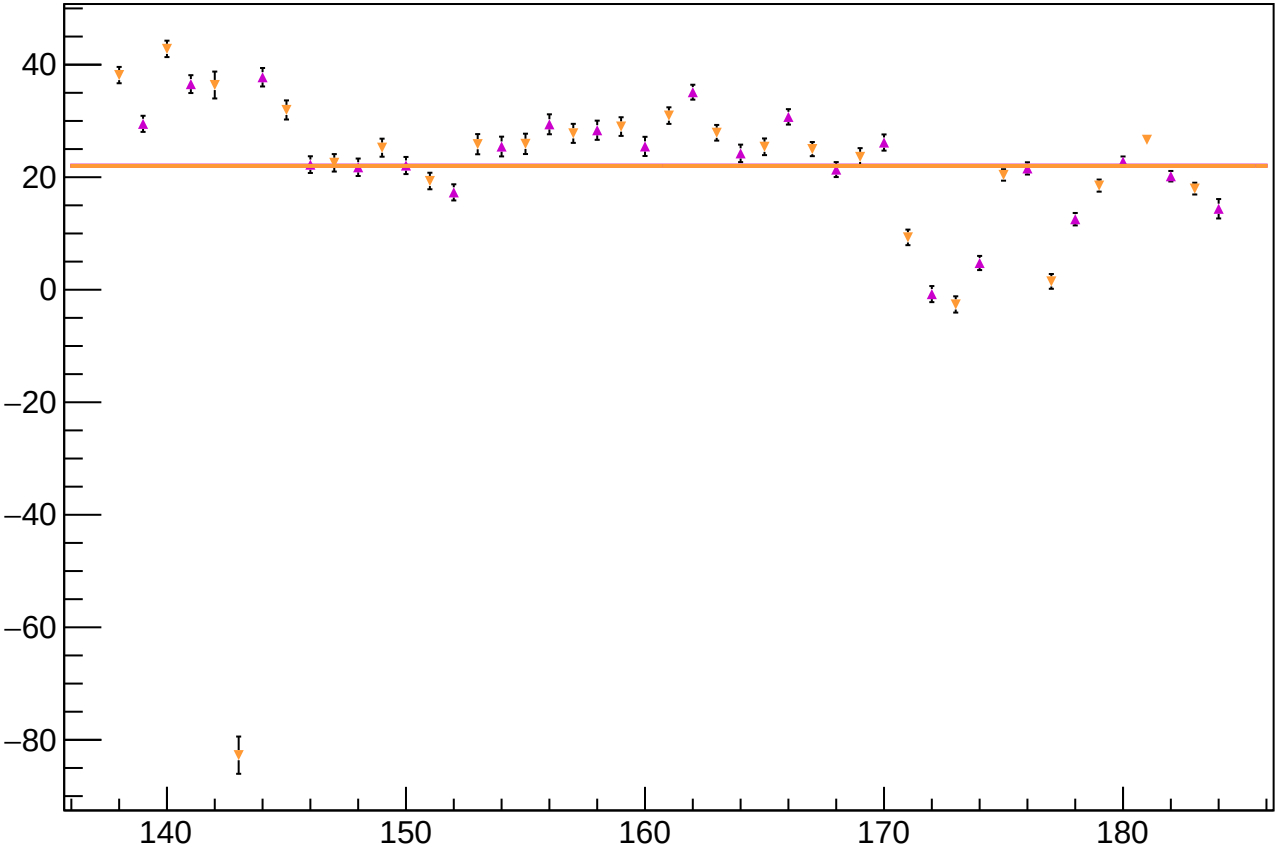
Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 122.909+/-0.035 χ^2/NDF:168762.9/39

Out: 116.103+/-0.034 χ^2/NDF:419335.5/42

All: 119.381+/-0.024 χ^2/NDF: 607777.7/82

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 22.007+/-0.285 χ^2/NDF:2185.7/23

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

Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

Left: 22.031+/-0.201 χ^2/NDF: 3127.1/46

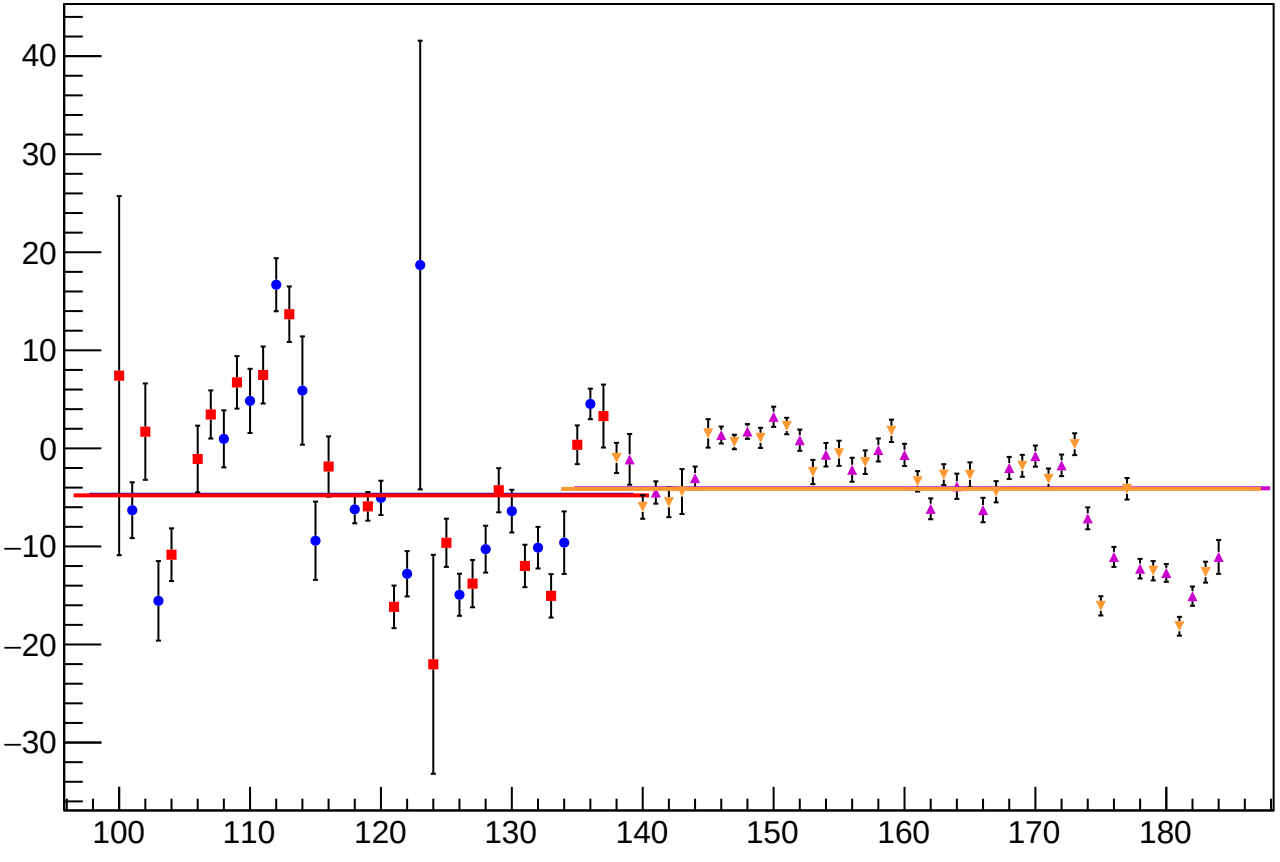
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 22.055+/-0.284 χ^2/NDF:941.3/22

Out: 22.007+/-0.285 χ^2/NDF:2185.7/23

All: 22.031+/-0.201 χ^2/NDF: 3127.1/46

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: -4.131+/-0.225 χ^2/NDF:712.9/23

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

Left: -4.101+/-0.160 χ^2/NDF: 1293.0/46

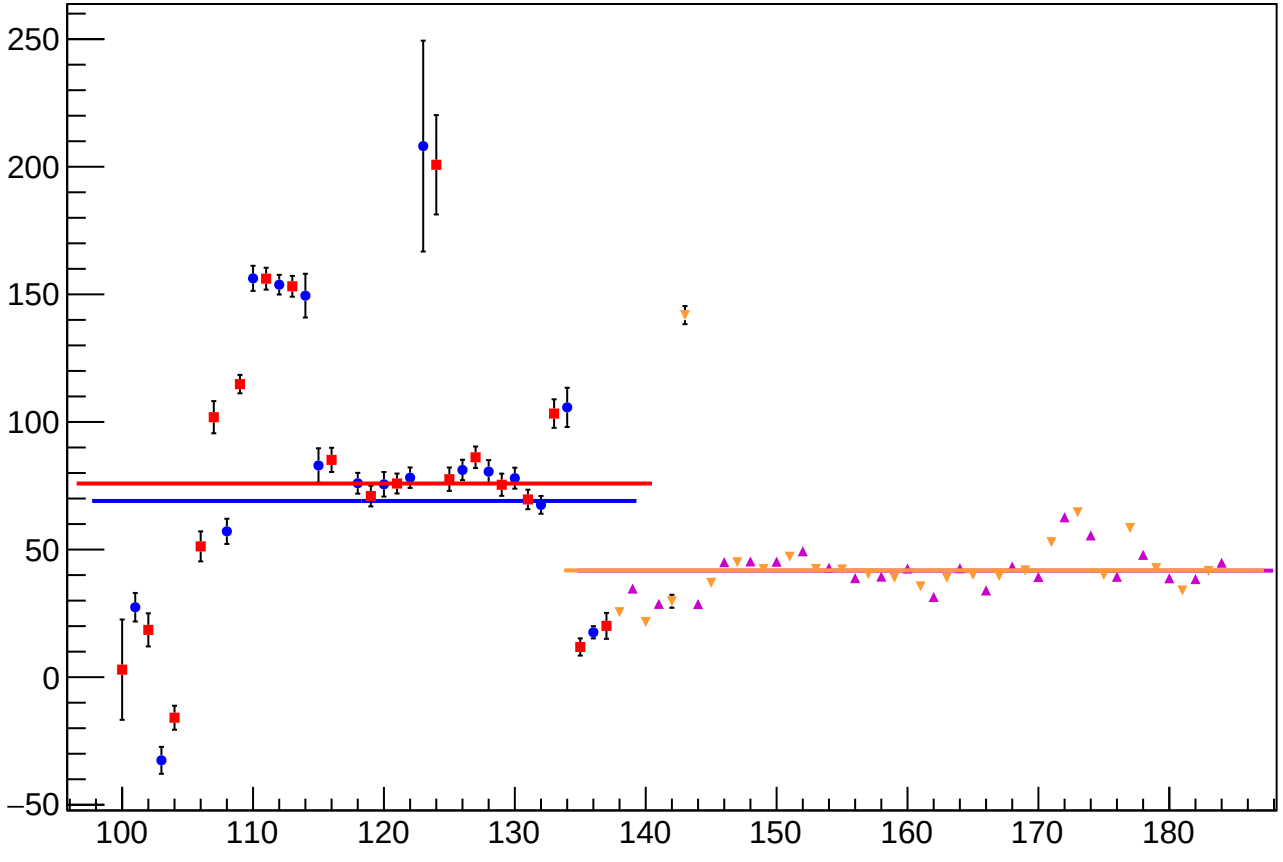
Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -4.158+/-0.212 χ^2/NDF:756.0/39

Out: -4.216+/-0.210 χ^2/NDF:907.5/42

All: -4.187+/-0.149 χ^2/NDF: 1663.6/82

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048+/-1.077 χ^2/NDF: 1847.9/16

Left Out: 41.857+/-0.284 χ^2/NDF:1693.6/23

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

Left: 41.806+/-0.201 χ^2/NDF: 2353.2/46

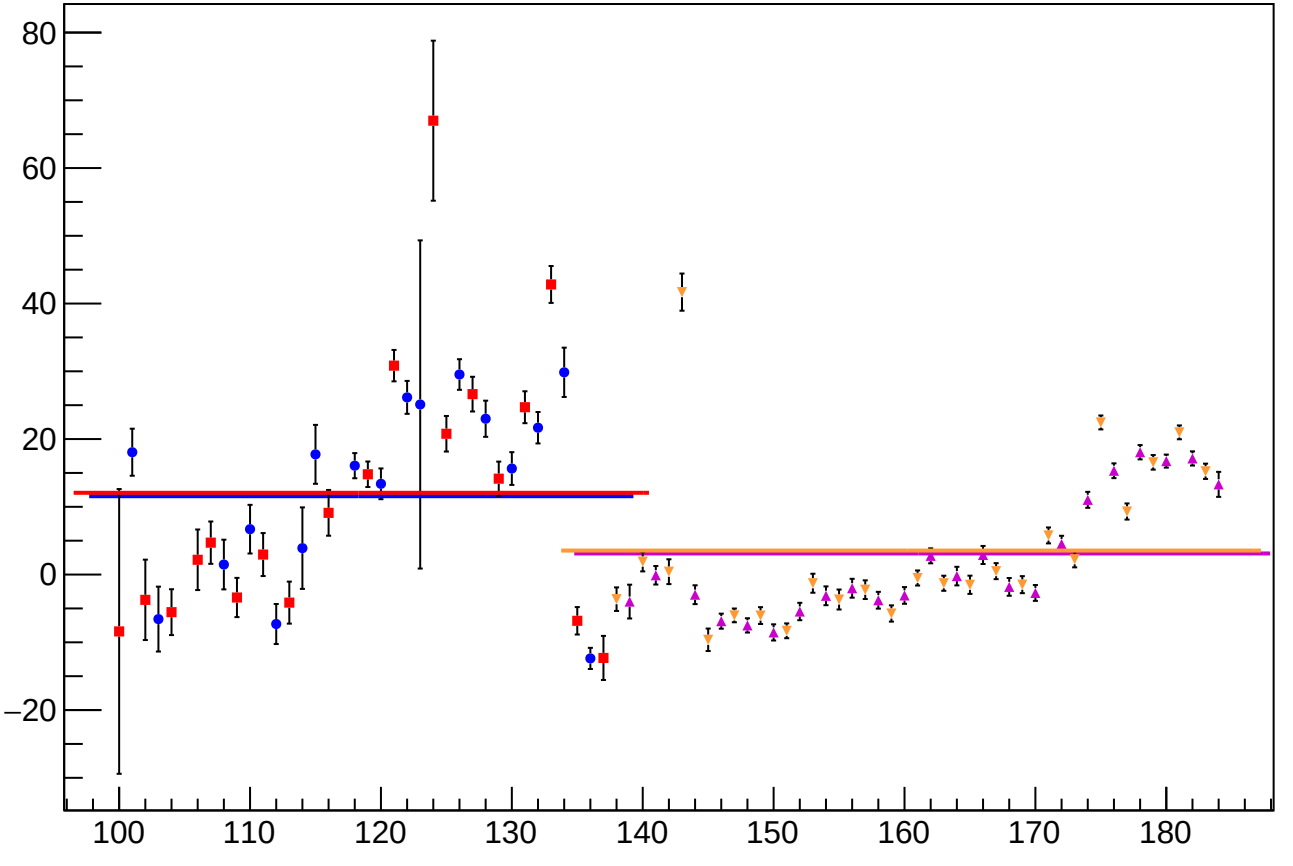
Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 43.519+/-0.274 χ^2/NDF:3108.5/39

Out: 44.105+/-0.275 χ^2/NDF:4533.6/42

All: 43.811+/-0.194 χ^2/NDF: 7644.5/82

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: 3.544+/-0.254 χ^2/NDF:1637.0/23

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

Left: 3.330+/-0.181 χ^2/NDF: 2911.5/46

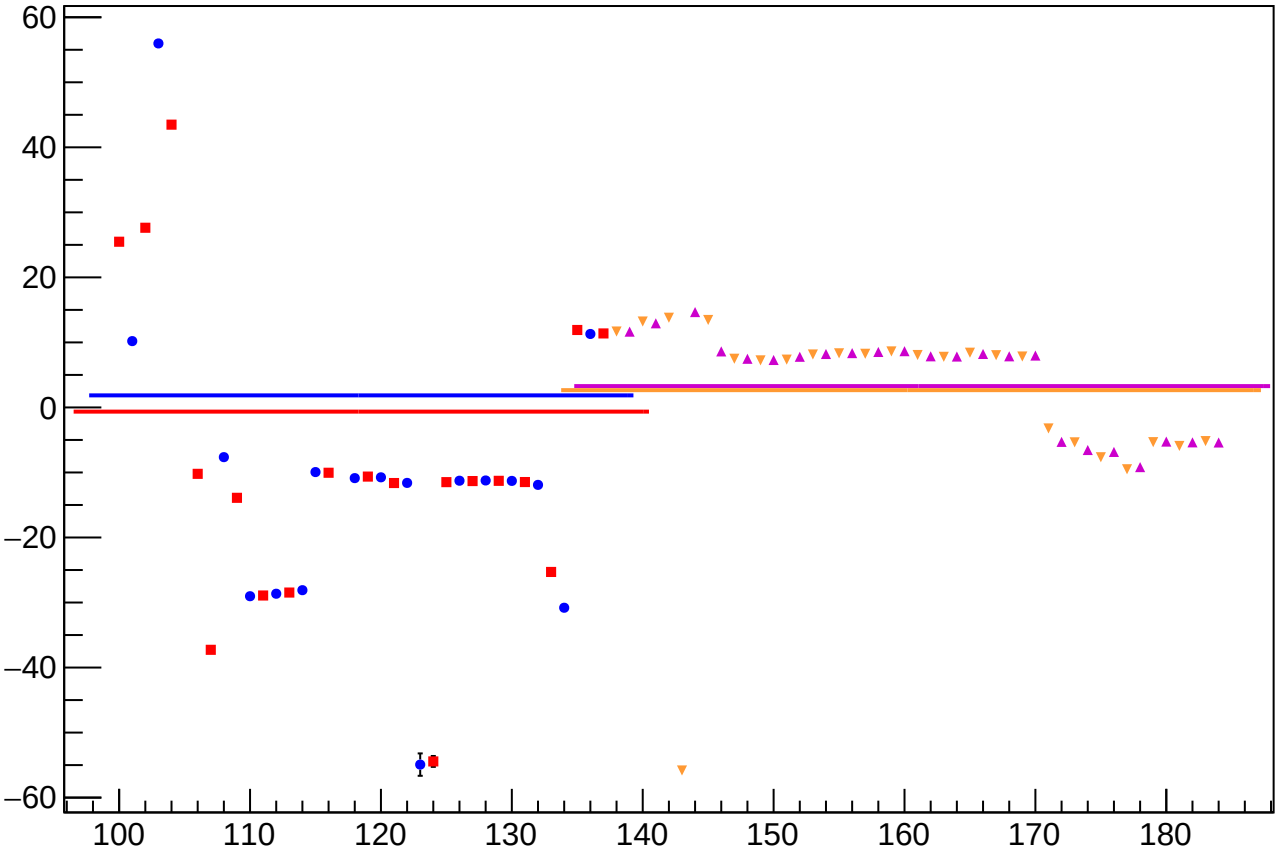
Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: 4.227+/-0.239 χ^2/NDF:1894.4/39

Out: 4.634+/-0.238 χ^2/NDF:2323.9/42

All: 4.431+/-0.168 χ^2/NDF: 4219.8/82

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: 2.658+/-0.012 χ^2/NDF:579467.9/23

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

Left: 2.972+/-0.008 χ^2/NDF: 990503.2/46

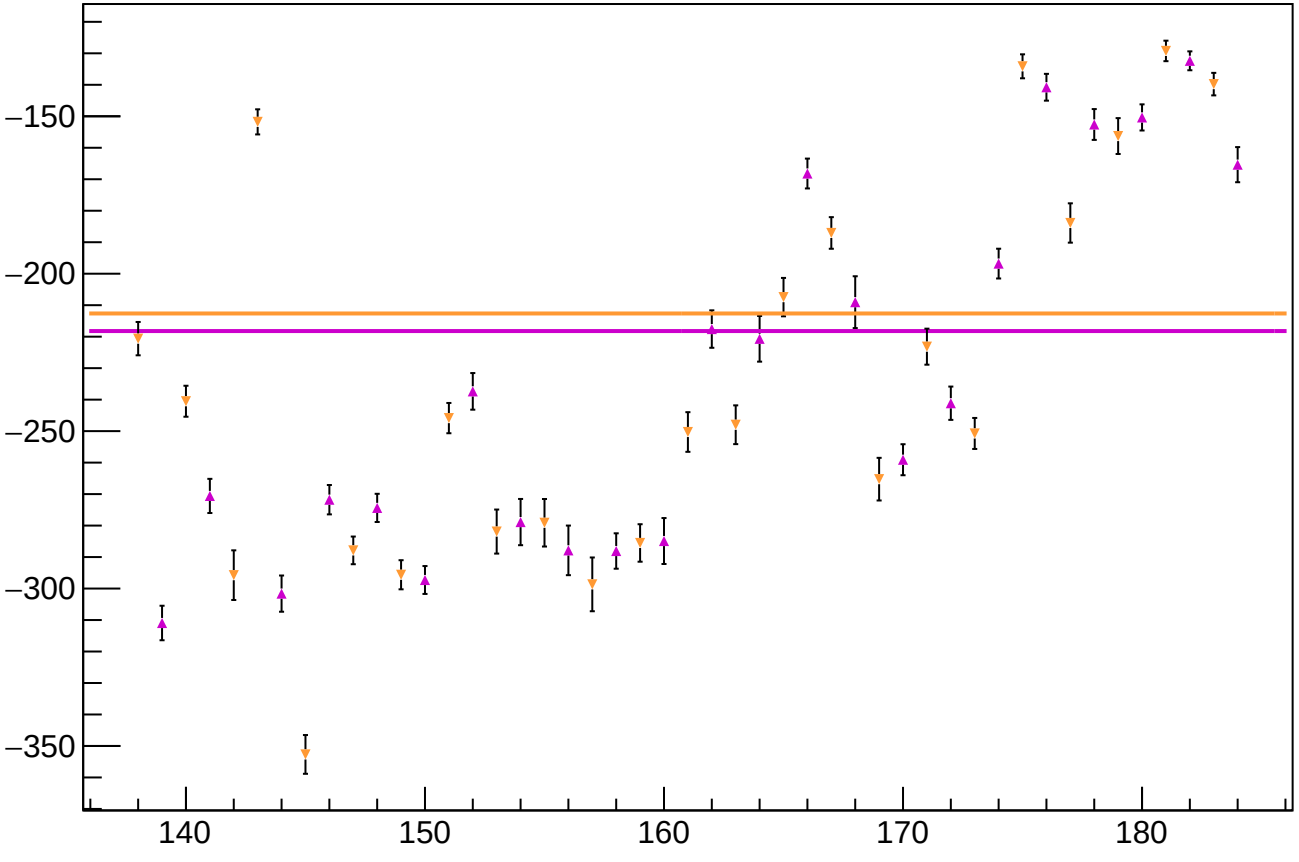
Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 3.153+/-0.011 χ^2/NDF:770371.4/39

Out: 2.359+/-0.011 χ^2/NDF:948315.8/42

All: 2.759+/-0.008 χ^2/NDF: 1721243.7/82

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: -212.631+/-1.046 χ^2/NDF:3819.5/23

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

Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

Left: -215.380+/-0.746 χ^2/NDF: 7332.5/46

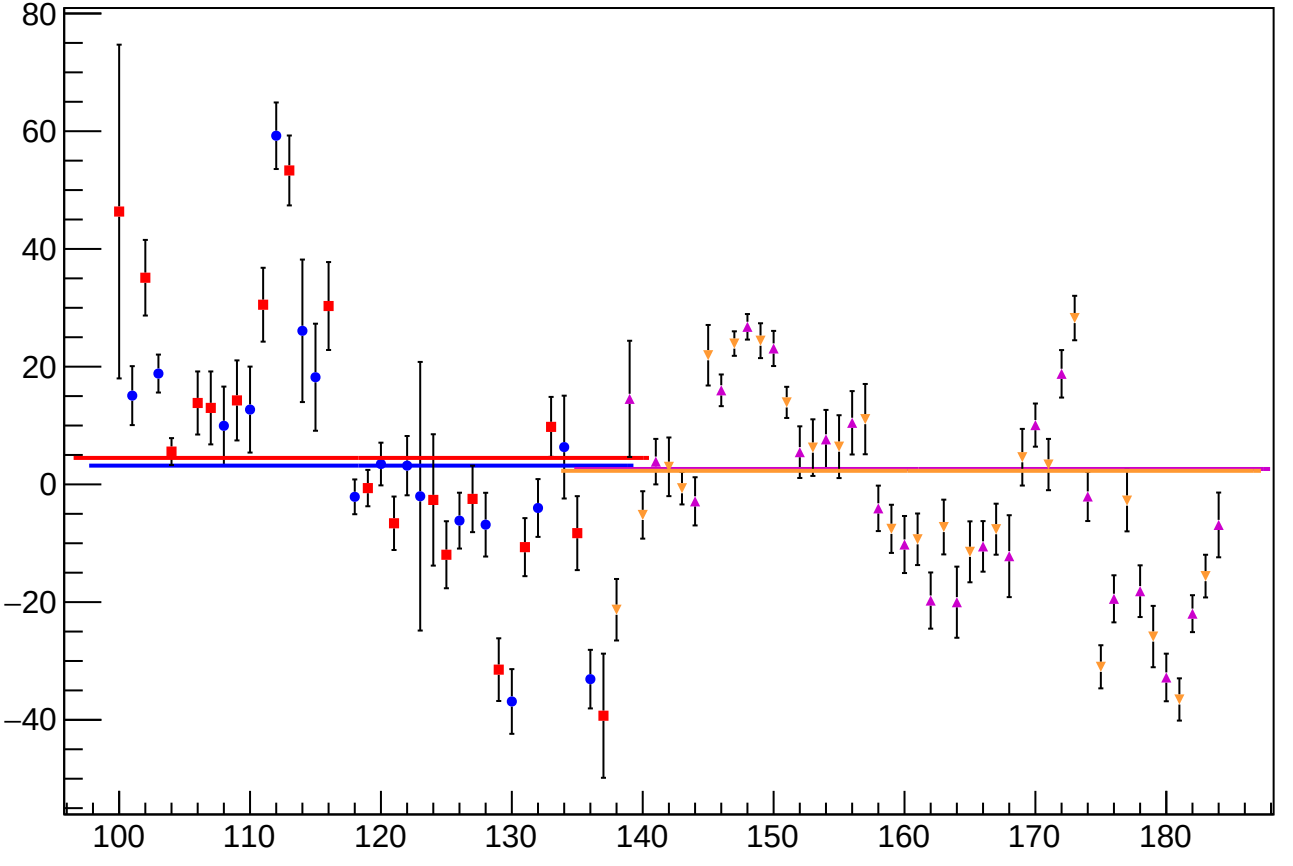
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -218.216+/-1.063 χ^2/NDF:3499.0/22

Out: -212.631+/-1.046 χ^2/NDF:3819.5/23

All: -215.380+/-0.746 χ^2/NDF: 7332.5/46

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: 2.308+/-0.786 χ^2/NDF:557.1/23

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

Left: 2.457+/-0.568 χ^2/NDF: 1034.7/46

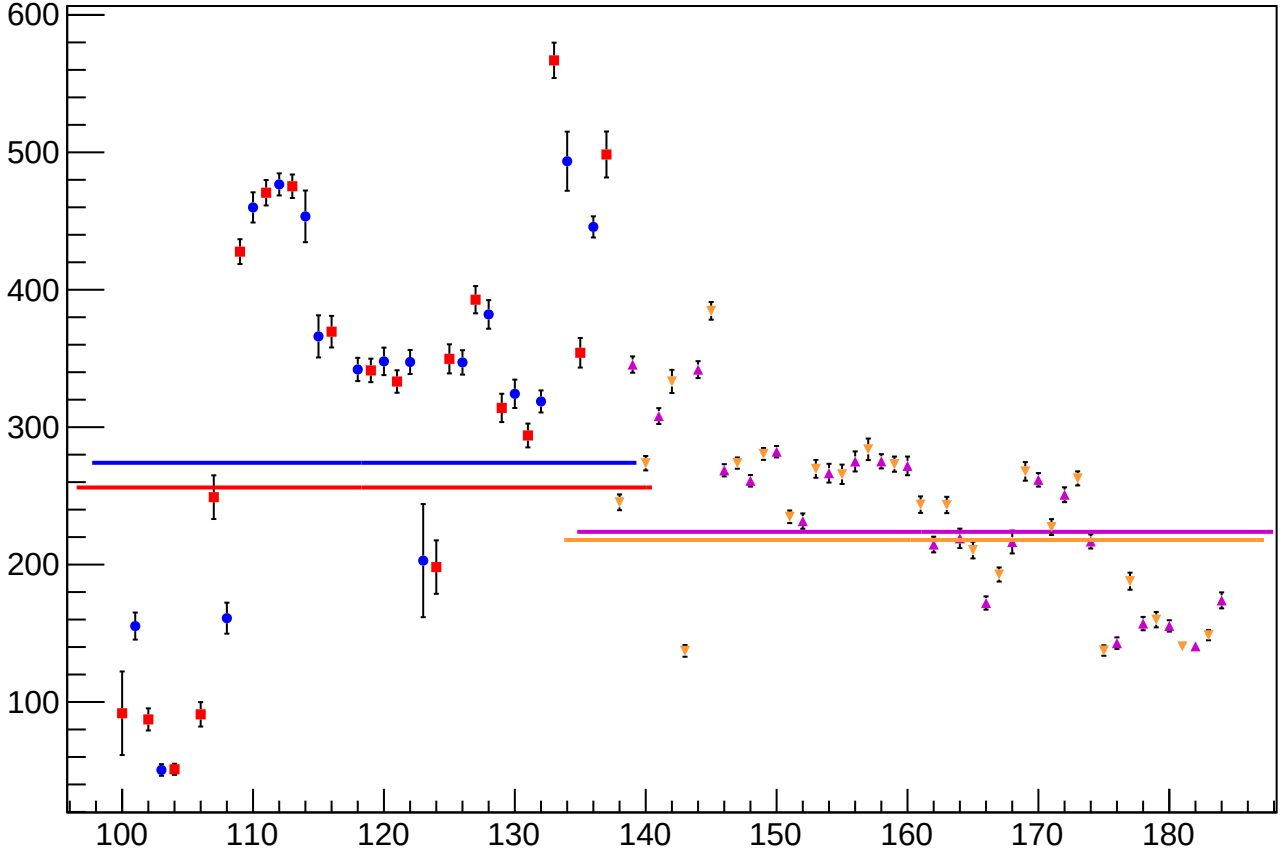
Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 2.795+/-0.682 χ^2/NDF:733.4/39

Out: 2.997+/-0.651 χ^2/NDF:784.9/42

All: 2.901+/-0.471 χ^2/NDF: 1518.4/82

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: 217.882+/-1.048 χ^2/NDF:3684.2/23

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

Left: 220.824+/-0.745 χ^2/NDF: 7144.8/46

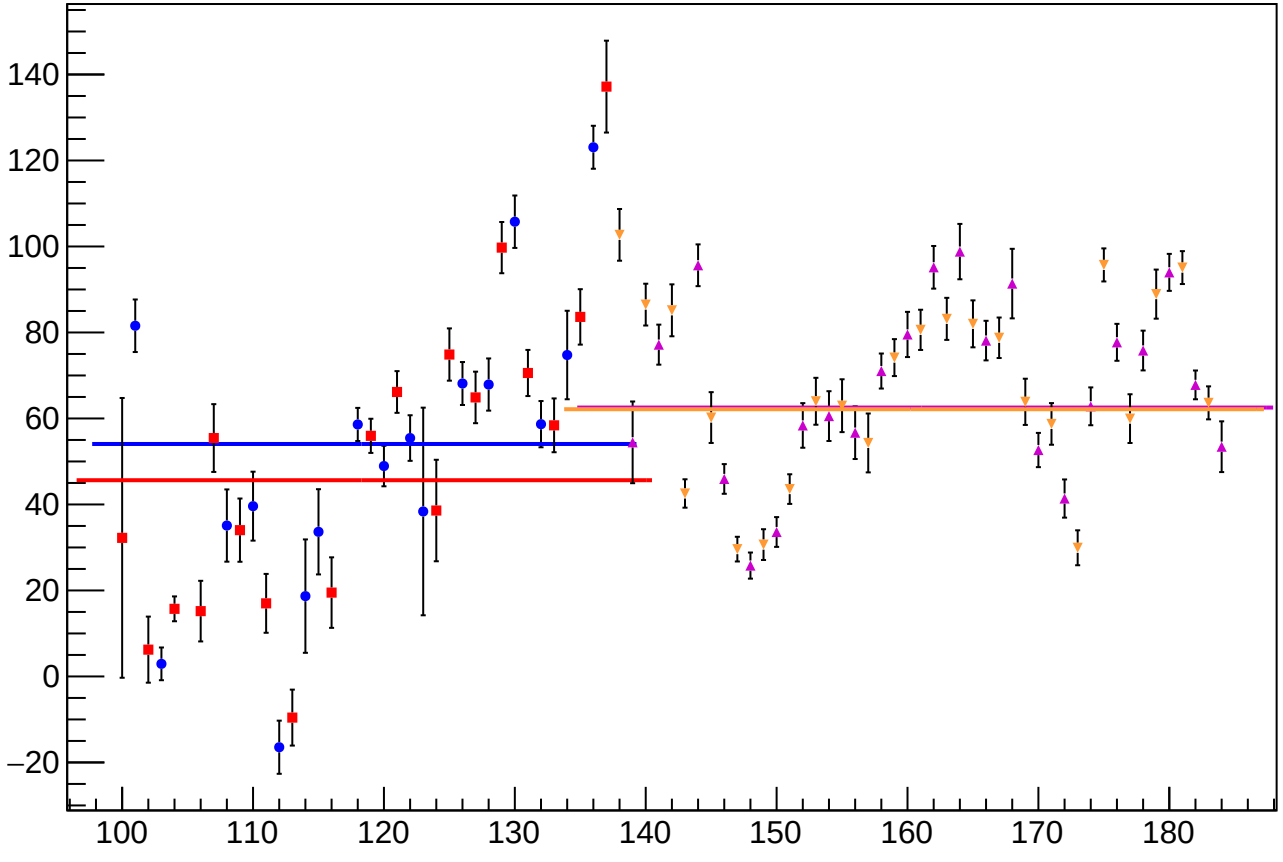
Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 233.336+/-0.953 χ^2/NDF:8983.2/39

Out: 225.616+/-0.936 χ^2/NDF:10397.7/42

All: 229.405+/-0.668 χ^2/NDF: 19414.2/82

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: 62.151+/-0.910 χ^2/NDF:660.3/23

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

Left: 62.338+/-0.654 χ^2/NDF: 1180.3/46

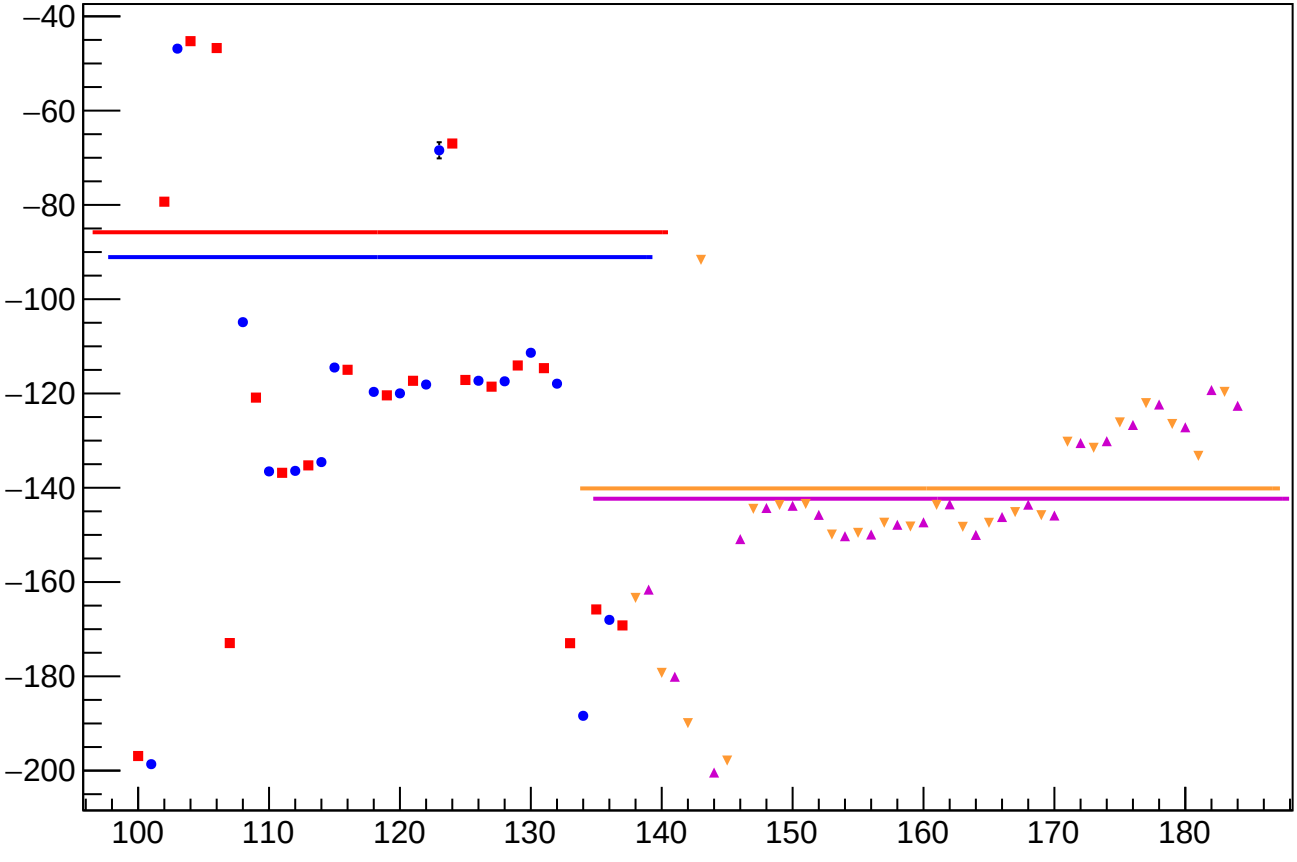
Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 59.957+/-0.784 χ^2/NDF:1179.1/39

Out: 57.036+/-0.756 χ^2/NDF:1292.9/42

All: 58.444+/-0.544 χ^2/NDF: 2479.2/82

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: -140.140+/-0.044 χ^2/NDF:237508.7/23

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

Left: -141.227+/-0.031 χ^2/NDF: 383396.6/46

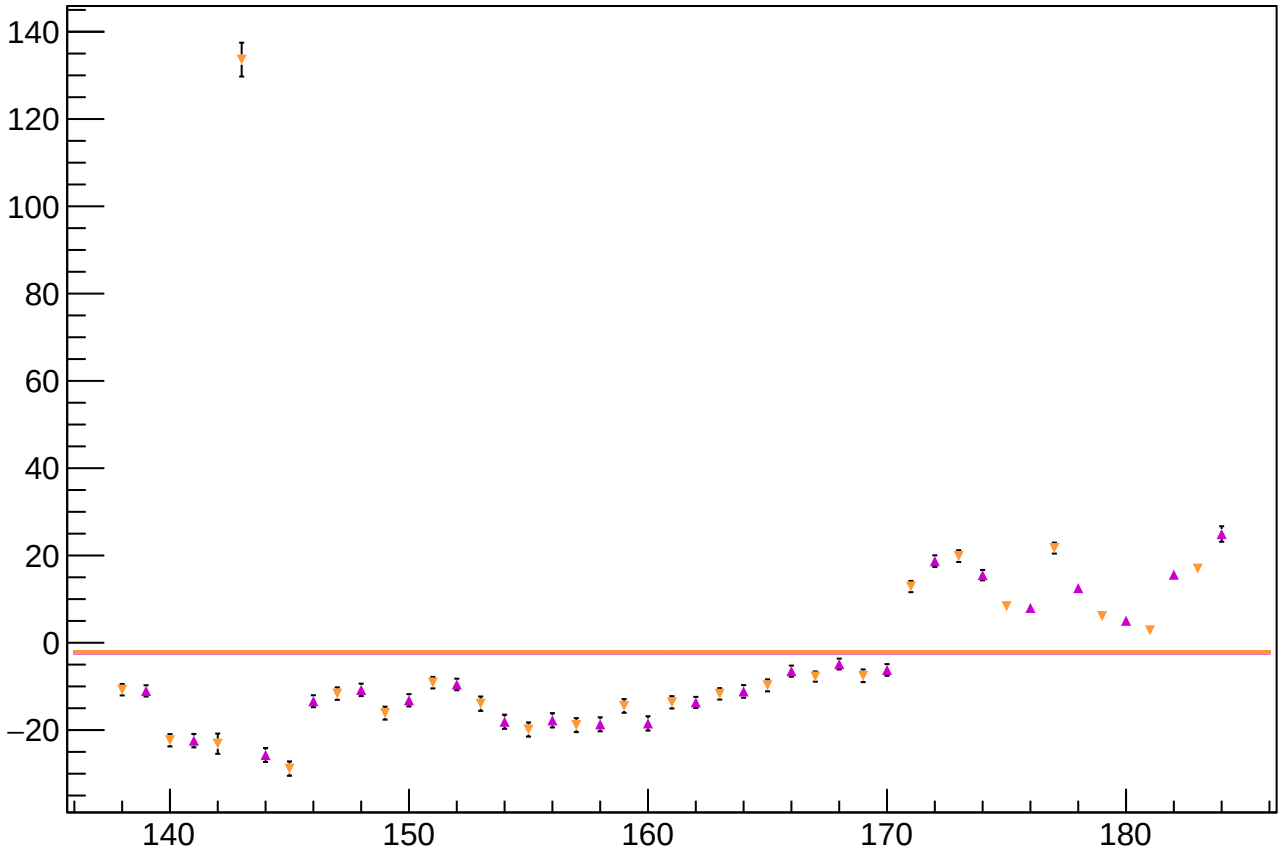
Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -127.097+/-0.037 χ^2/NDF:1084153.9/39

Out: -123.264+/-0.036 χ^2/NDF:1214572.7/42

All: -125.151+/-0.026 χ^2/NDF: 2304234.1/82

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -2.147+/-0.270 χ^2/NDF:3797.8/23

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

Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

Left: -2.195+/-0.191 χ^2/NDF: 6359.5/46

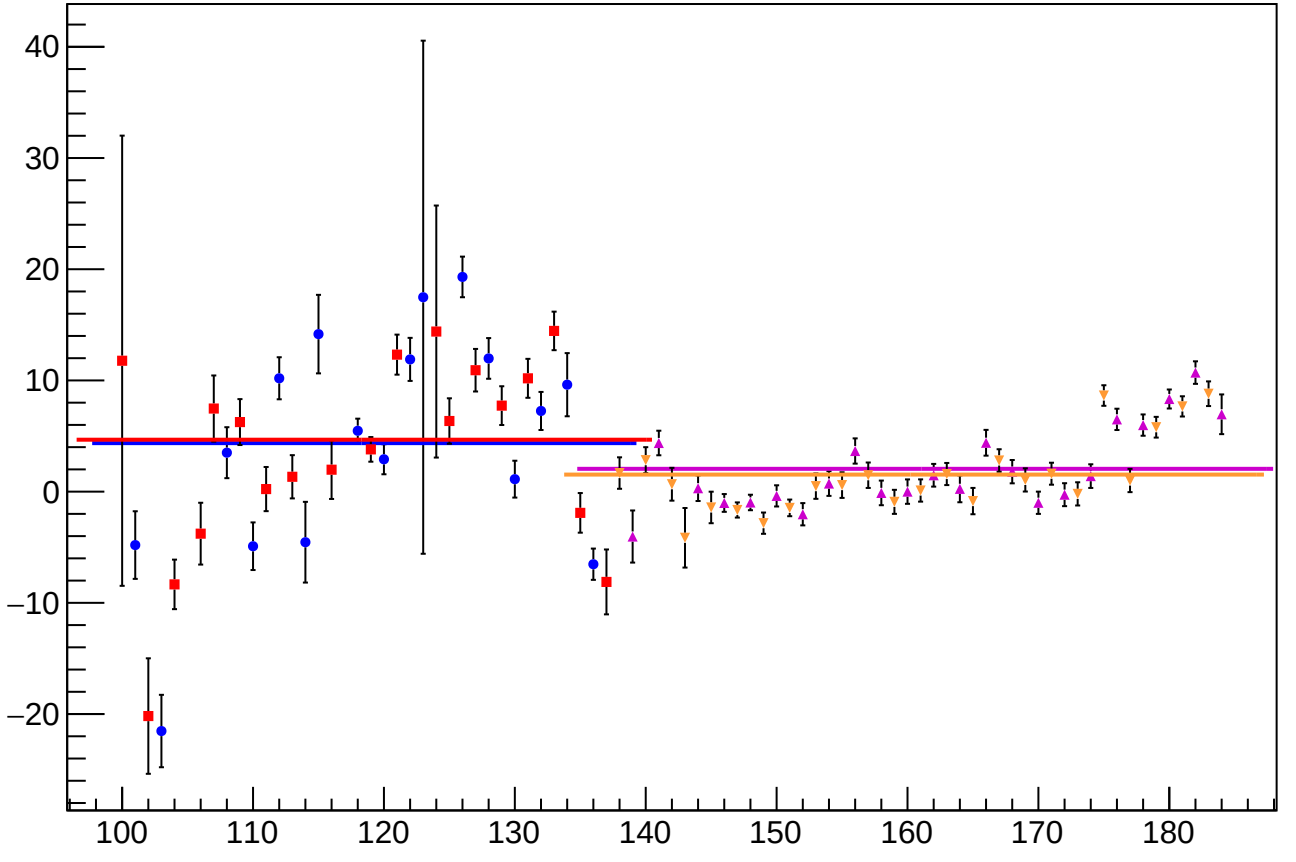
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.244+/-0.270 χ^2/NDF:2561.6/22

Out: -2.147+/-0.270 χ^2/NDF:3797.8/23

All: -2.195+/-0.191 χ^2/NDF: 6359.5/46

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: 1.533+/-0.212 χ^2/NDF:255.1/23

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

Left: 1.789+/-0.151 χ^2/NDF: 533.4/46

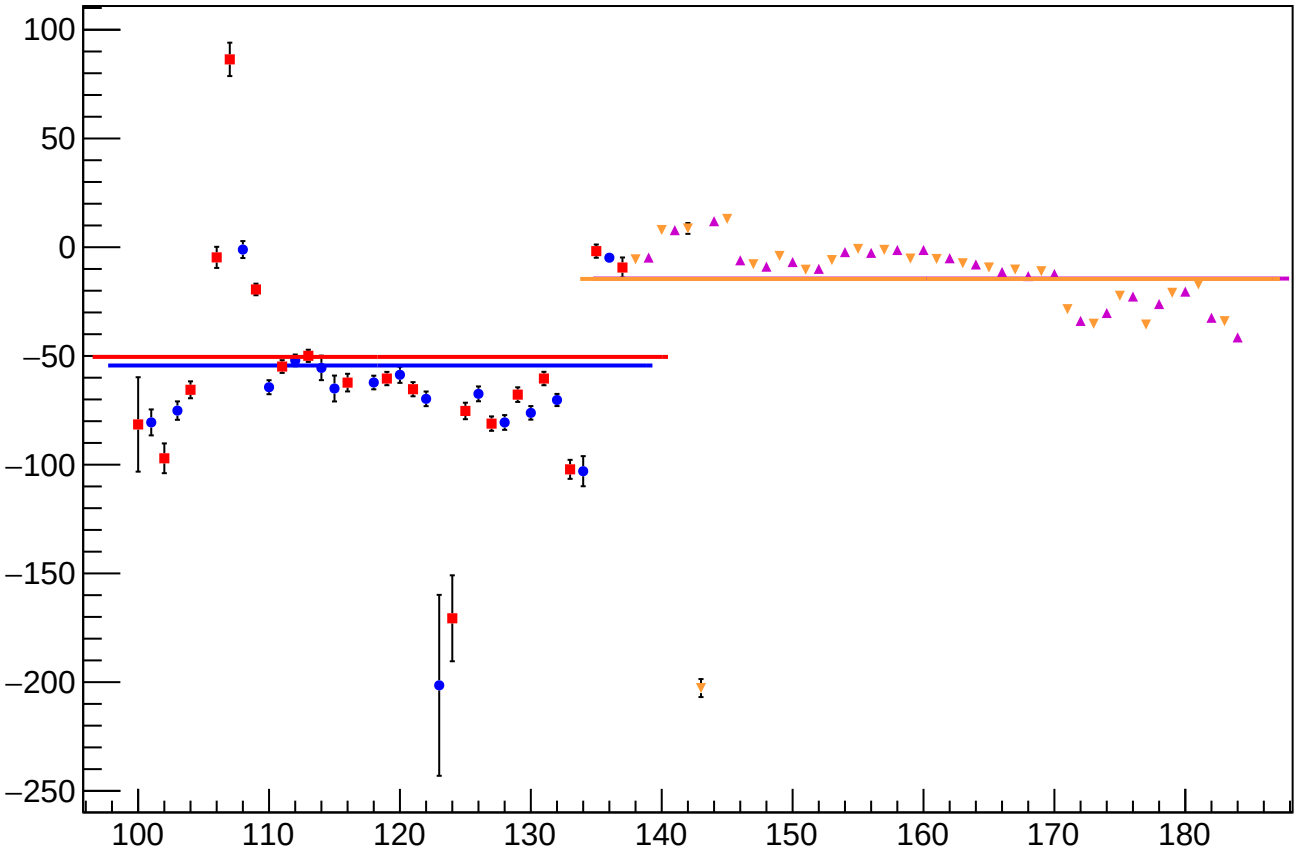
Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 2.458+/-0.195 χ^2/NDF:582.3/39

Out: 2.054+/-0.193 χ^2/NDF:477.0/42

All: 2.255+/-0.137 χ^2/NDF: 1061.4/82

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: -14.582+/-0.269 χ^2/NDF:4138.8/23

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

Left: -14.498+/-0.190 χ^2/NDF: 6204.7/46

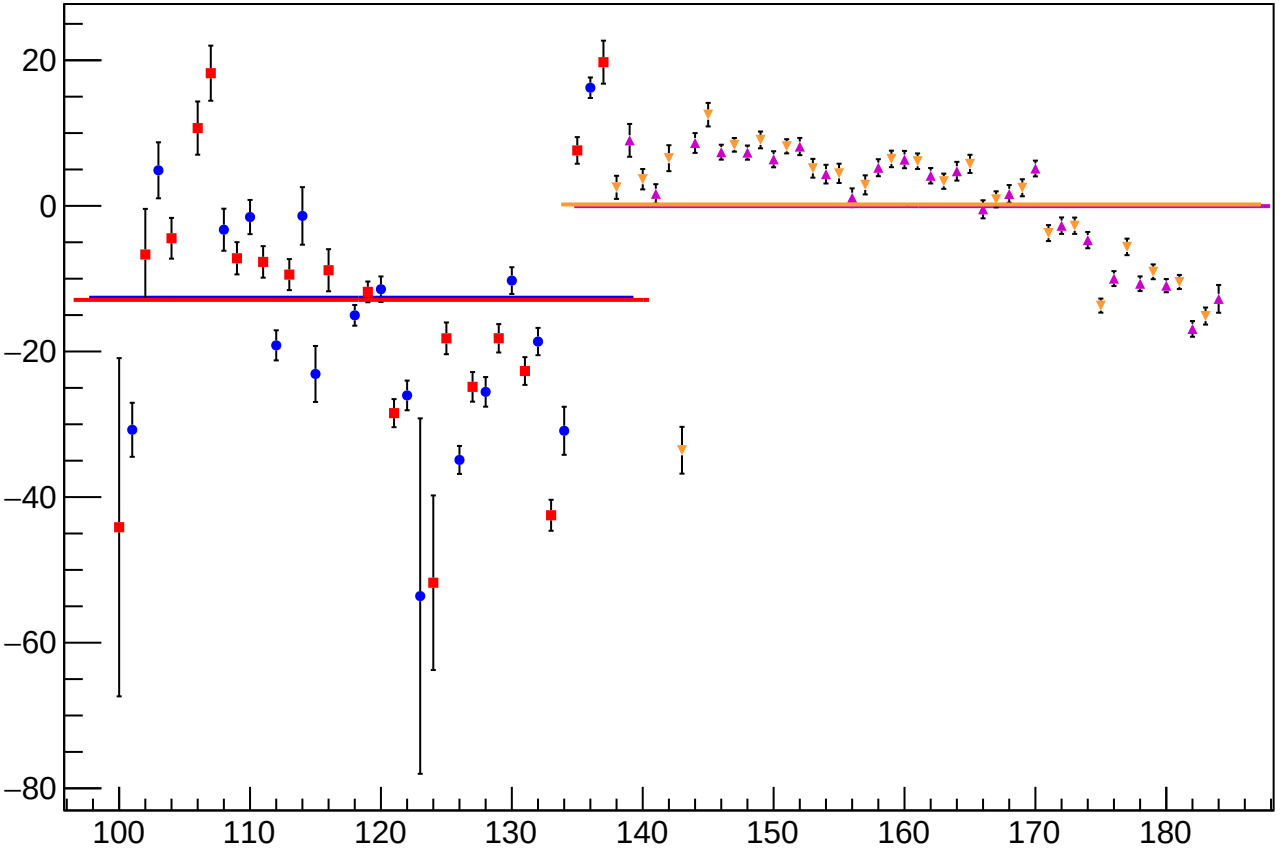
Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -17.936+/-0.256 χ^2/NDF:5038.2/39

Out: -17.789+/-0.256 χ^2/NDF:7056.2/42

All: -17.863+/-0.181 χ^2/NDF: 12094.6/82

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: 0.194+/-0.240 χ^2/NDF:1142.0/23

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

Left: 0.080+/-0.171 χ^2/NDF: 2170.1/46

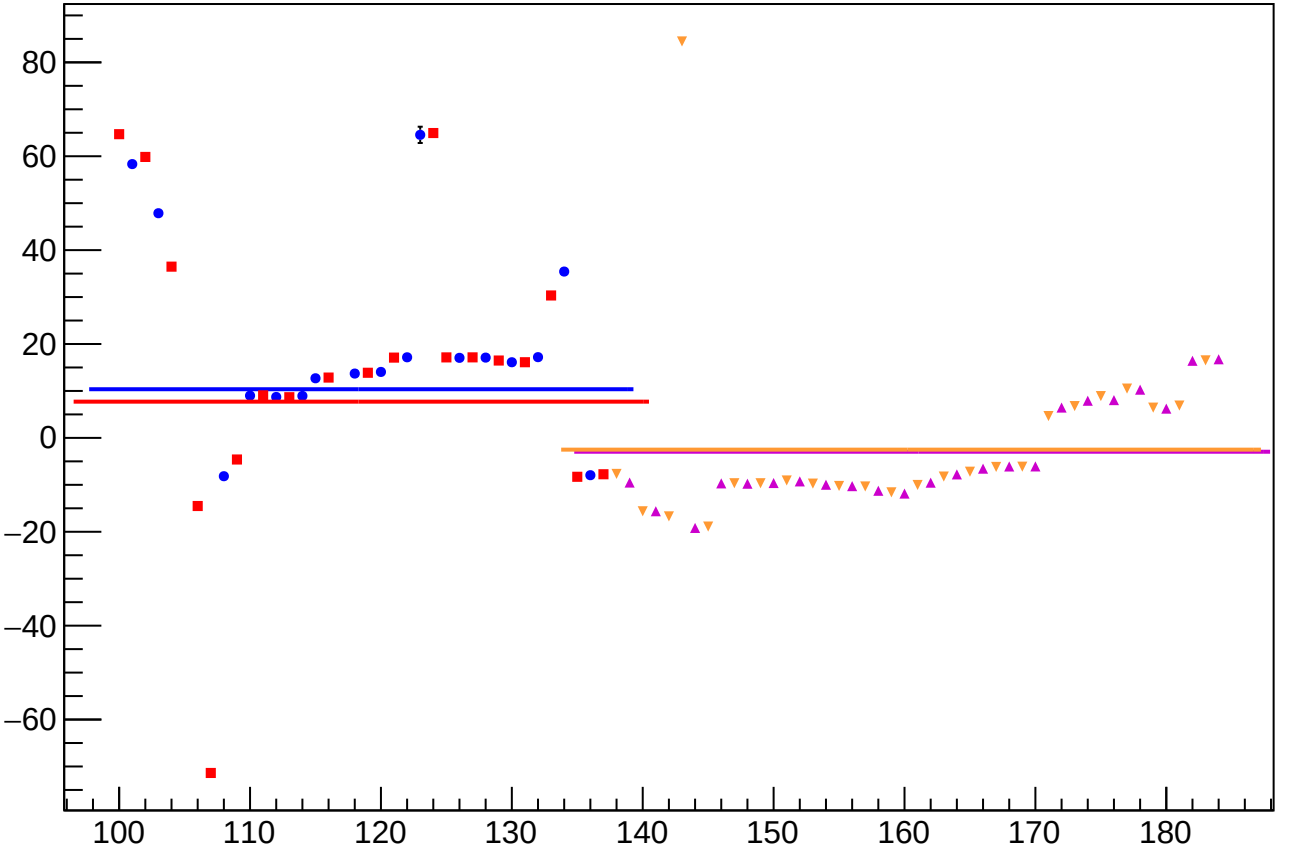
Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: -2.211+/-0.220 χ^2/NDF:2281.5/39

Out: -1.979+/-0.219 χ^2/NDF:2366.9/42

All: -2.094+/-0.155 χ^2/NDF: 4649.0/82

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: -2.505+/-0.011 χ^2/NDF:998695.6/23

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

Left: -2.728+/-0.008 χ^2/NDF: 1770215.8/46

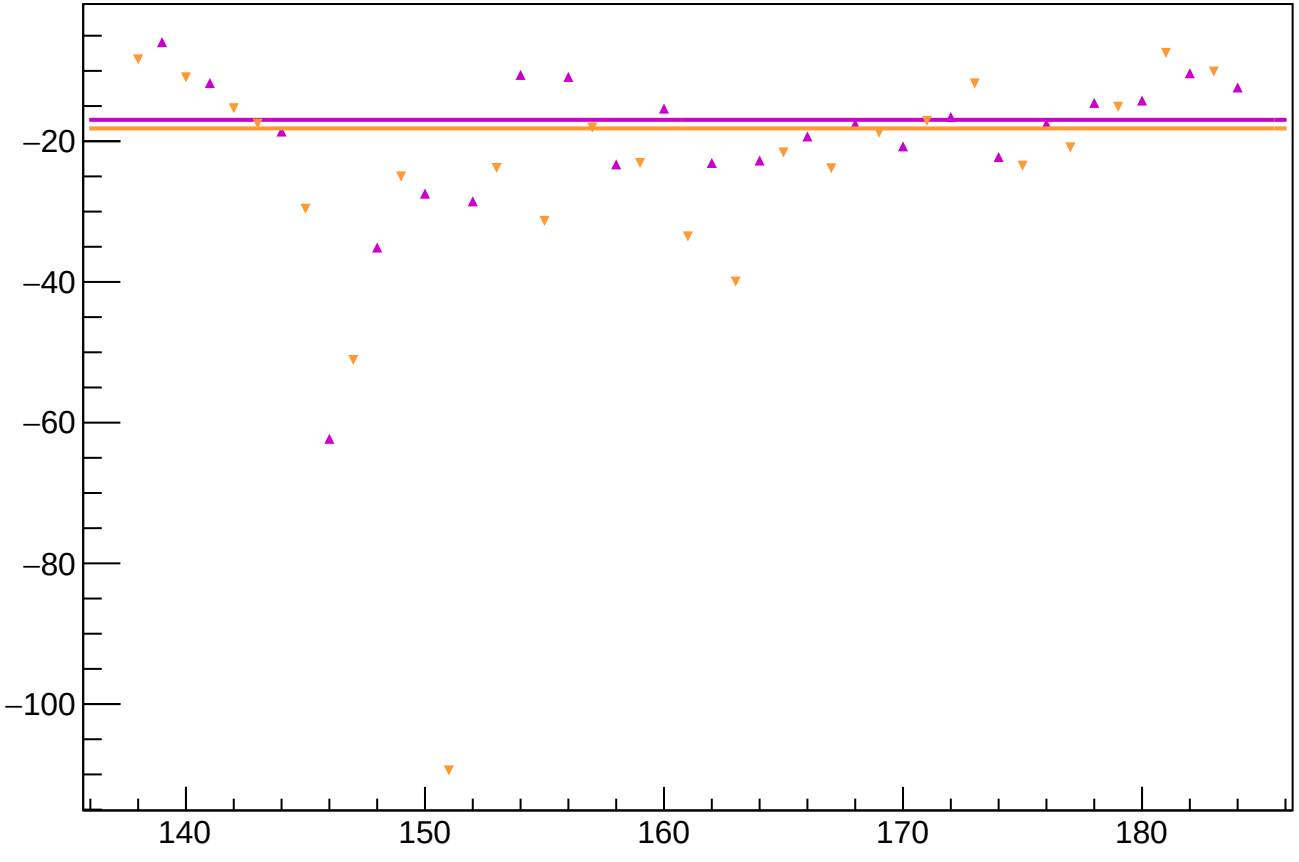
Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: -1.432+/-0.010 χ^2/NDF:1320161.6/39

Out: -1.373+/-0.010 χ^2/NDF:1638941.3/42

All: -1.403+/-0.007 χ^2/NDF: 2959118.9/82

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: -18.179+/-0.039 χ^2/NDF:88447.3/23

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

Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

Left: -17.545+/-0.027 χ^2/NDF: 133704.1/46

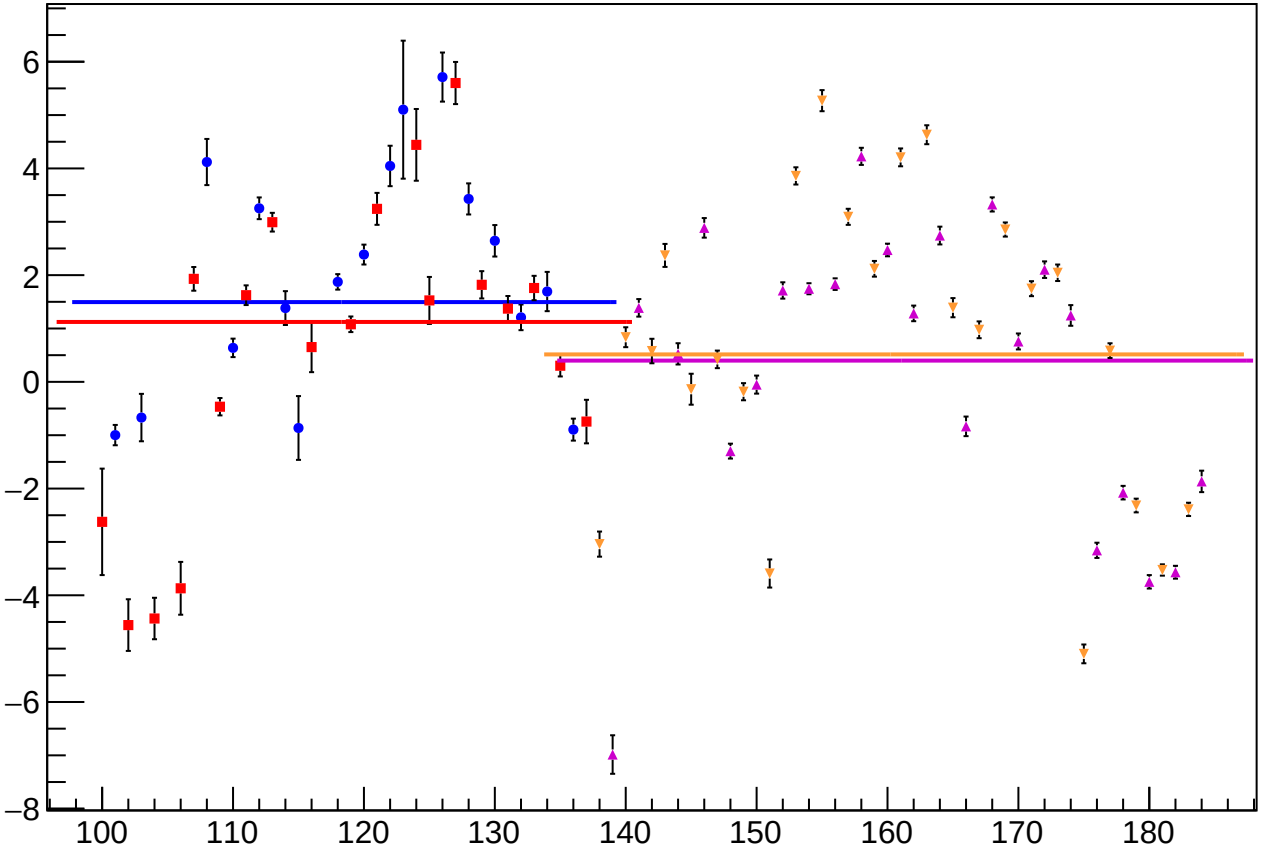
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -16.958+/-0.038 χ^2/NDF:44759.9/22

Out: -18.179+/-0.039 χ^2/NDF:88447.3/23

All: -17.545+/-0.027 χ^2/NDF: 133704.1/46

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: 0.514+/-0.033 χ^2/NDF:7033.0/23

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

Left: 0.452+/-0.022 χ^2/NDF: 13326.1/46

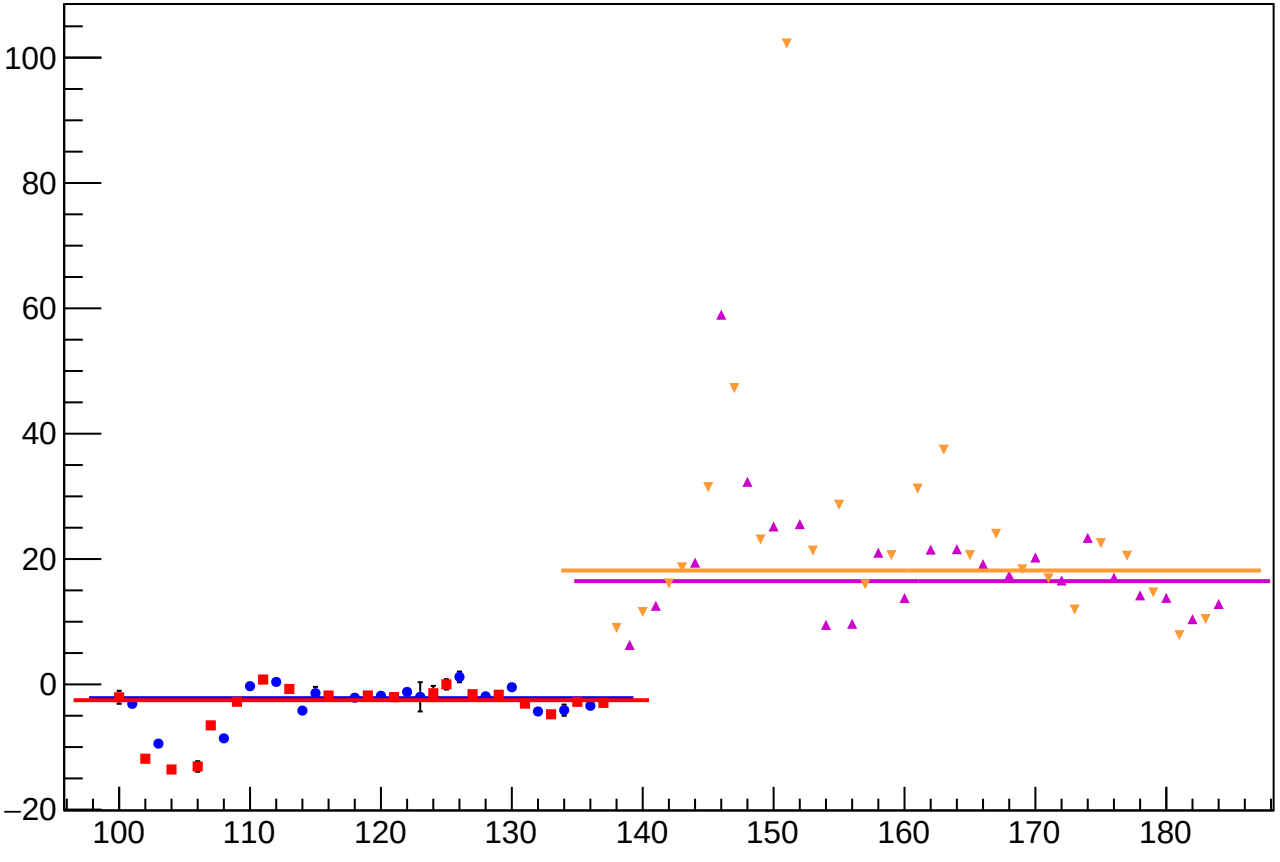
Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 0.619+/-0.027 χ^2/NDF:7252.8/39

Out: 0.661+/-0.029 χ^2/NDF:8062.4/42

All: 0.639+/-0.020 χ^2/NDF: 15316.4/82

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: 18.173+/-0.040 χ^2/NDF:77787.0/23

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

Left: 17.281+/-0.027 χ^2/NDF: 120078.1/46

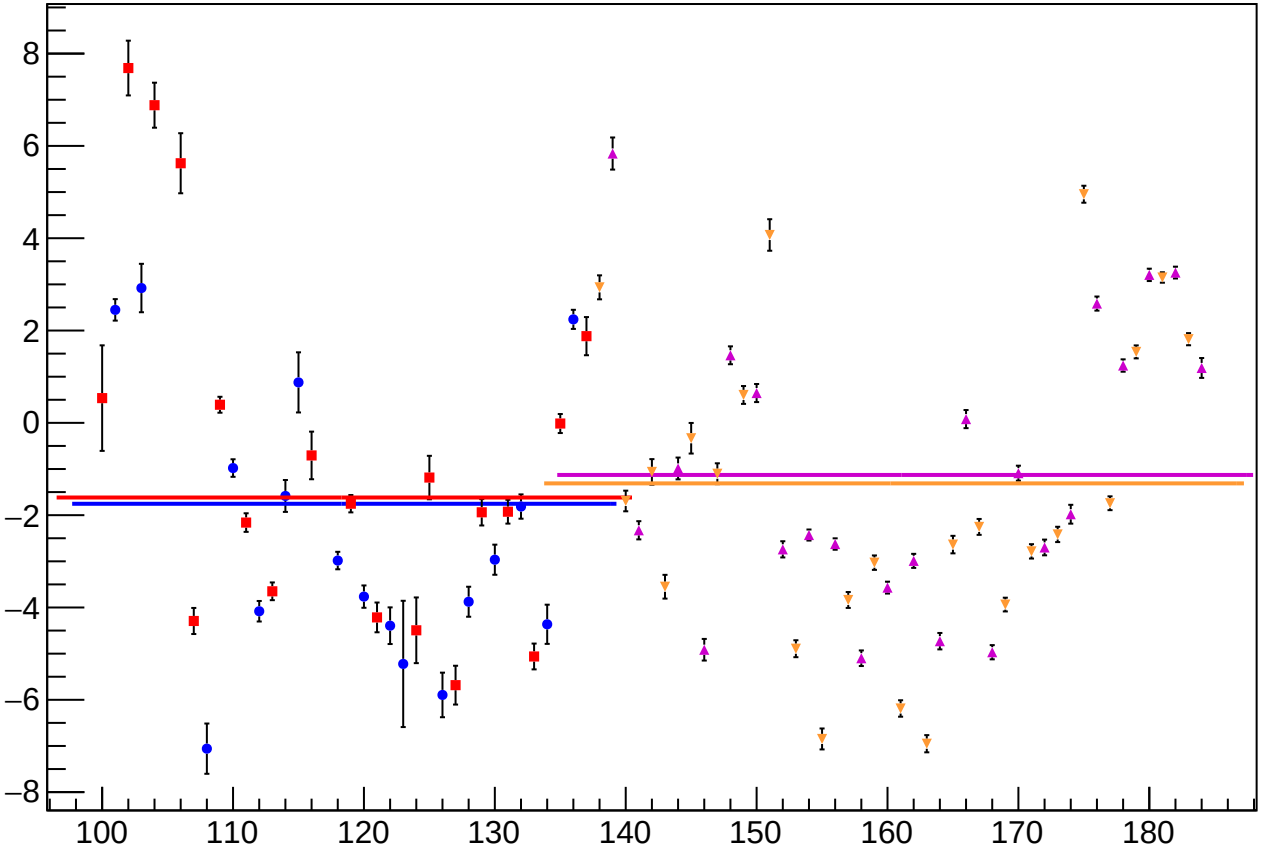
Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 14.539+/-0.036 χ^2/NDF:67352.2/39

Out: 15.317+/-0.037 χ^2/NDF:116386.6/42

All: 14.916+/-0.026 χ^2/NDF: 183969.5/82

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: -1.311+/-0.036 χ^2/NDF:7898.3/23

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

Left: -1.214+/-0.025 χ^2/NDF: 14690.5/46

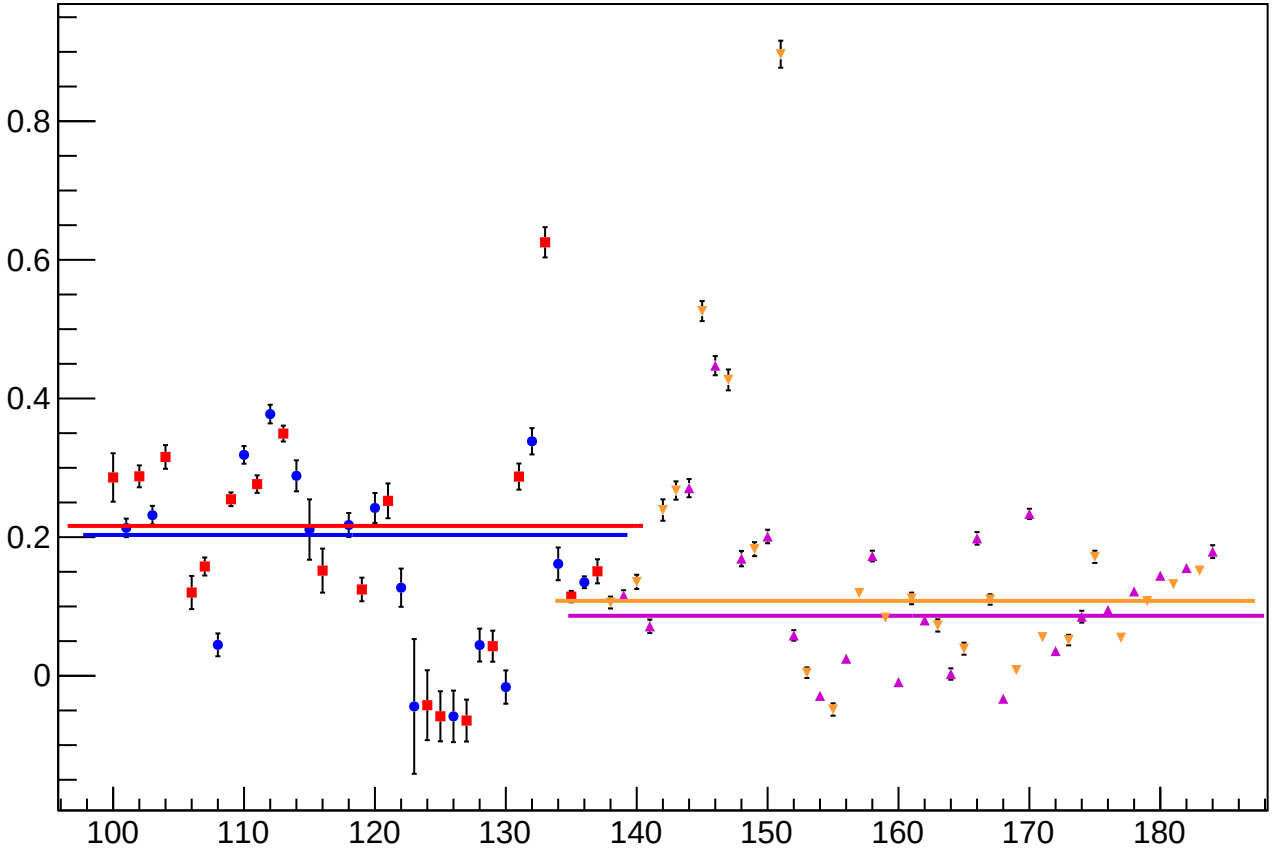
Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -1.247+/-0.031 χ^2/NDF:8187.7/39

Out: -1.383+/-0.032 χ^2/NDF:9402.4/42

All: -1.313+/-0.022 χ^2/NDF: 17599.6/82

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: 0.108+/-0.002 χ^2/NDF:4312.3/23

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

Left: 0.096+/-0.001 χ^2/NDF: 8068.2/46

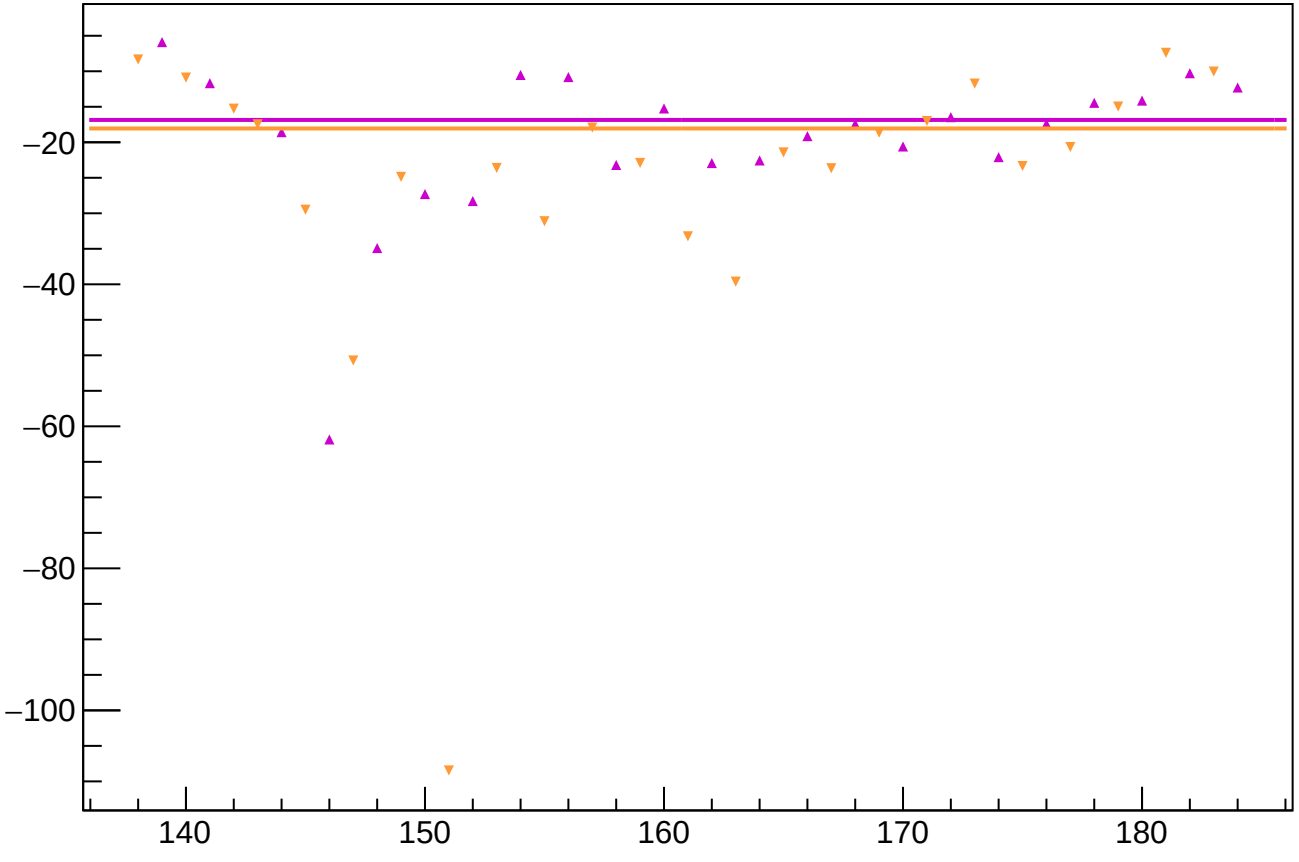
Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.100+/-0.001 χ^2/NDF:5042.2/39

Out: 0.126+/-0.001 χ^2/NDF:6097.2/42

All: 0.112+/-0.001 χ^2/NDF: 11295.7/82

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -18.055+/-0.039 χ^2/NDF:88285.1/23

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

Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

Left: -17.432+/-0.027 χ^2/NDF: 133453.4/46

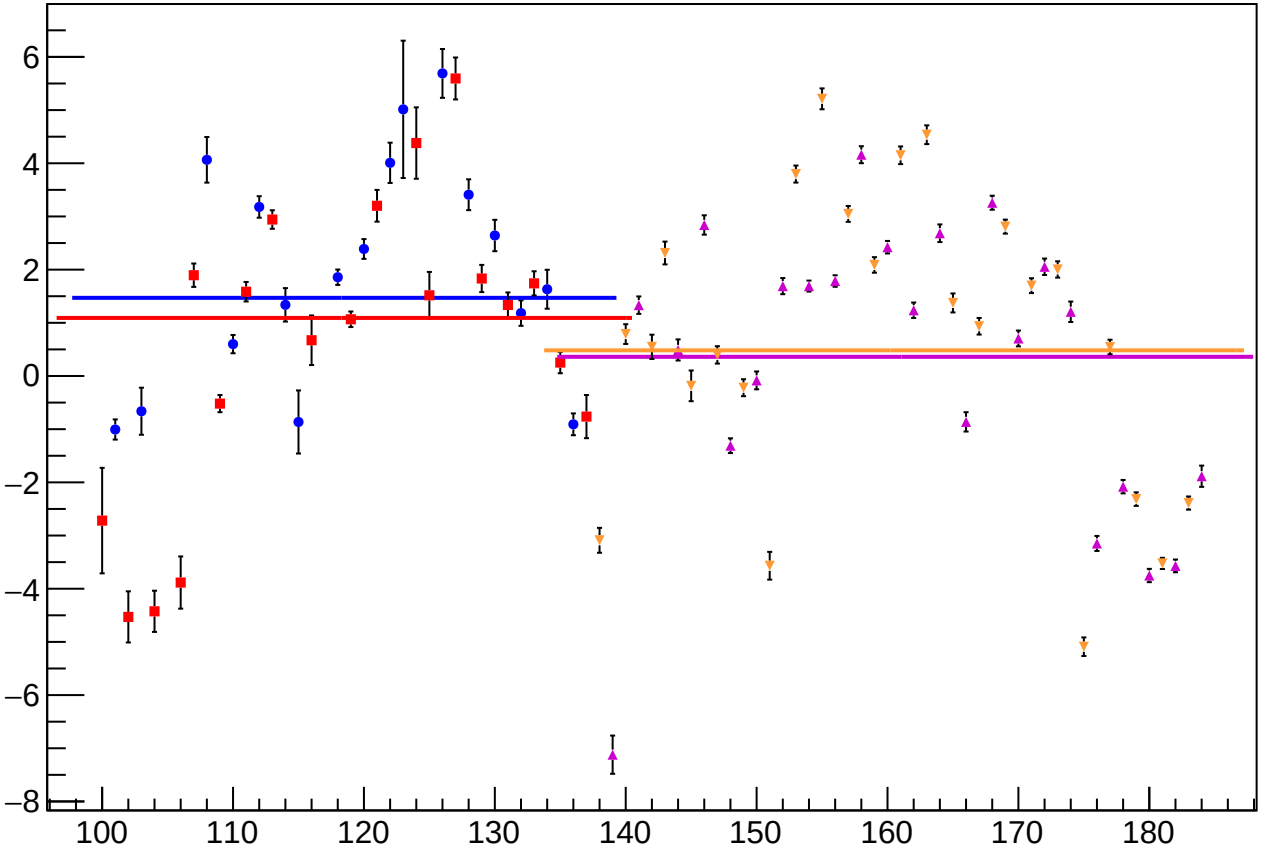
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -16.854+/-0.038 χ^2/NDF:44680.7/22

Out: -18.055+/-0.039 χ^2/NDF:88285.1/23

All: -17.432+/-0.027 χ^2/NDF: 133453.4/46

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: 0.482+/-0.033 χ^2/NDF:7016.8/23

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

Left: 0.417+/-0.022 χ^2/NDF: 13297.7/46

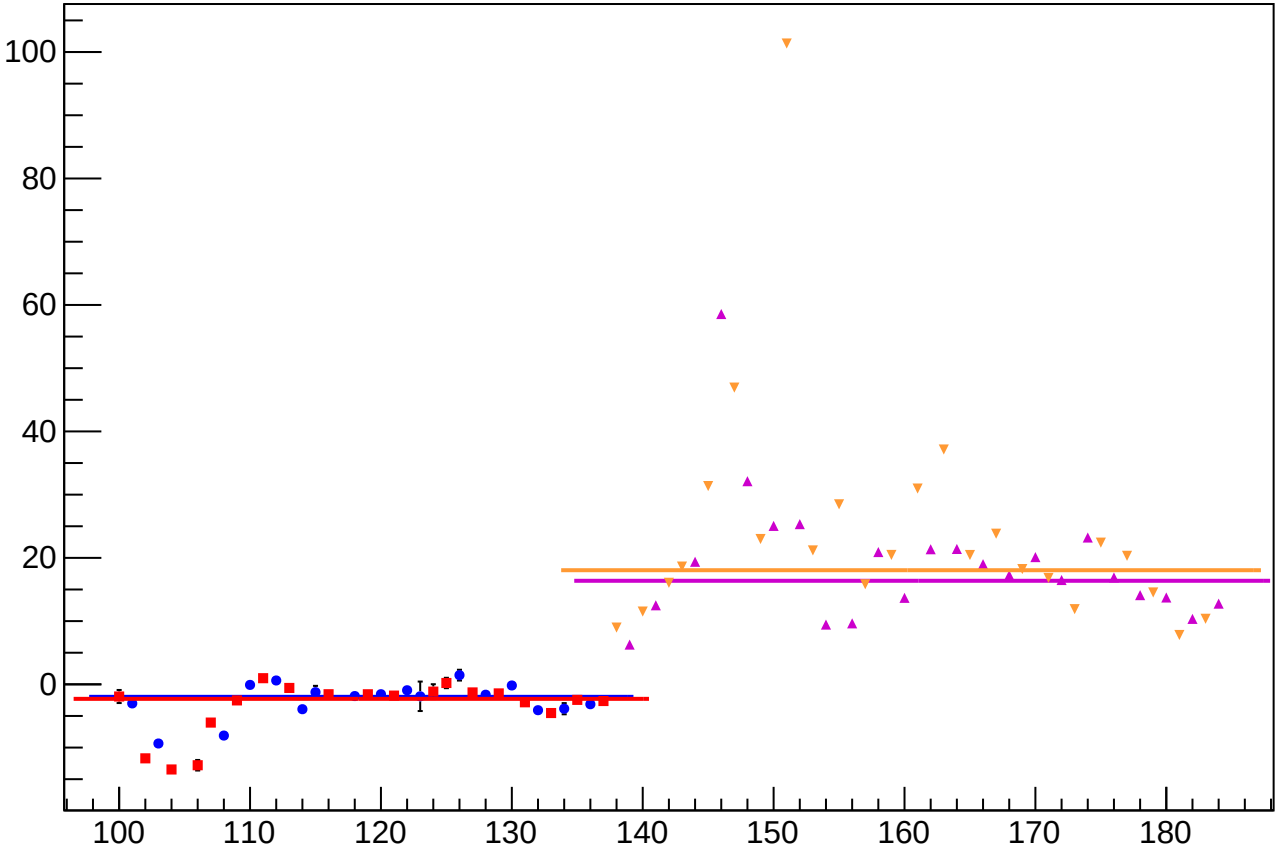
Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 0.583+/-0.027 χ^2/NDF:7247.3/39

Out: 0.628+/-0.028 χ^2/NDF:8053.1/42

All: 0.605+/-0.020 χ^2/NDF: 15301.7/82

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: 18.049+/-0.039 χ^2/NDF:77655.5/23

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

Left: 17.171+/-0.027 χ^2/NDF: 119858.8/46

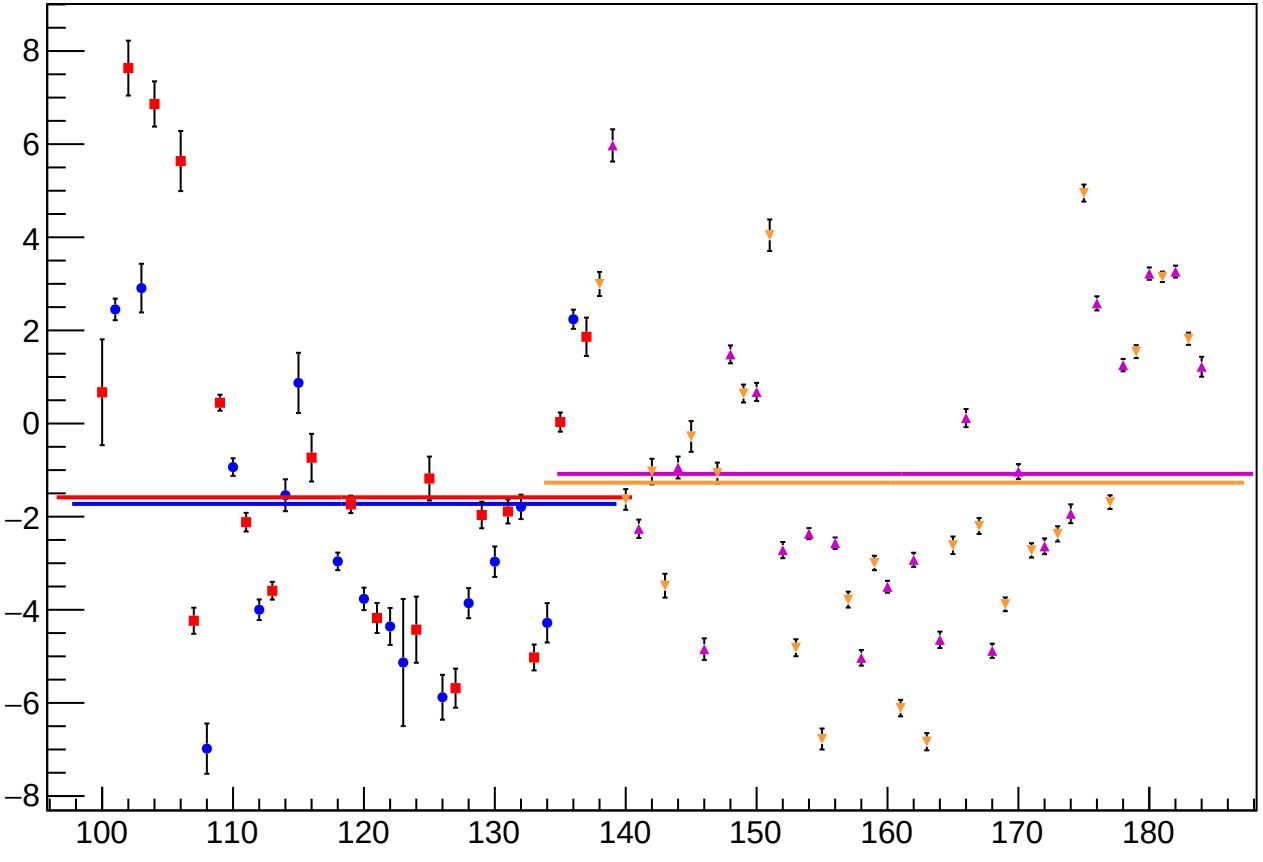
Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 14.479+/-0.035 χ^2/NDF:66659.7/39

Out: 15.249+/-0.037 χ^2/NDF:115400.9/42

All: 14.852+/-0.025 χ^2/NDF: 182290.2/82

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: -1.270+/-0.036 χ^2/NDF:7879.3/23

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

Left: -1.169+/-0.025 χ^2/NDF: 14657.9/46

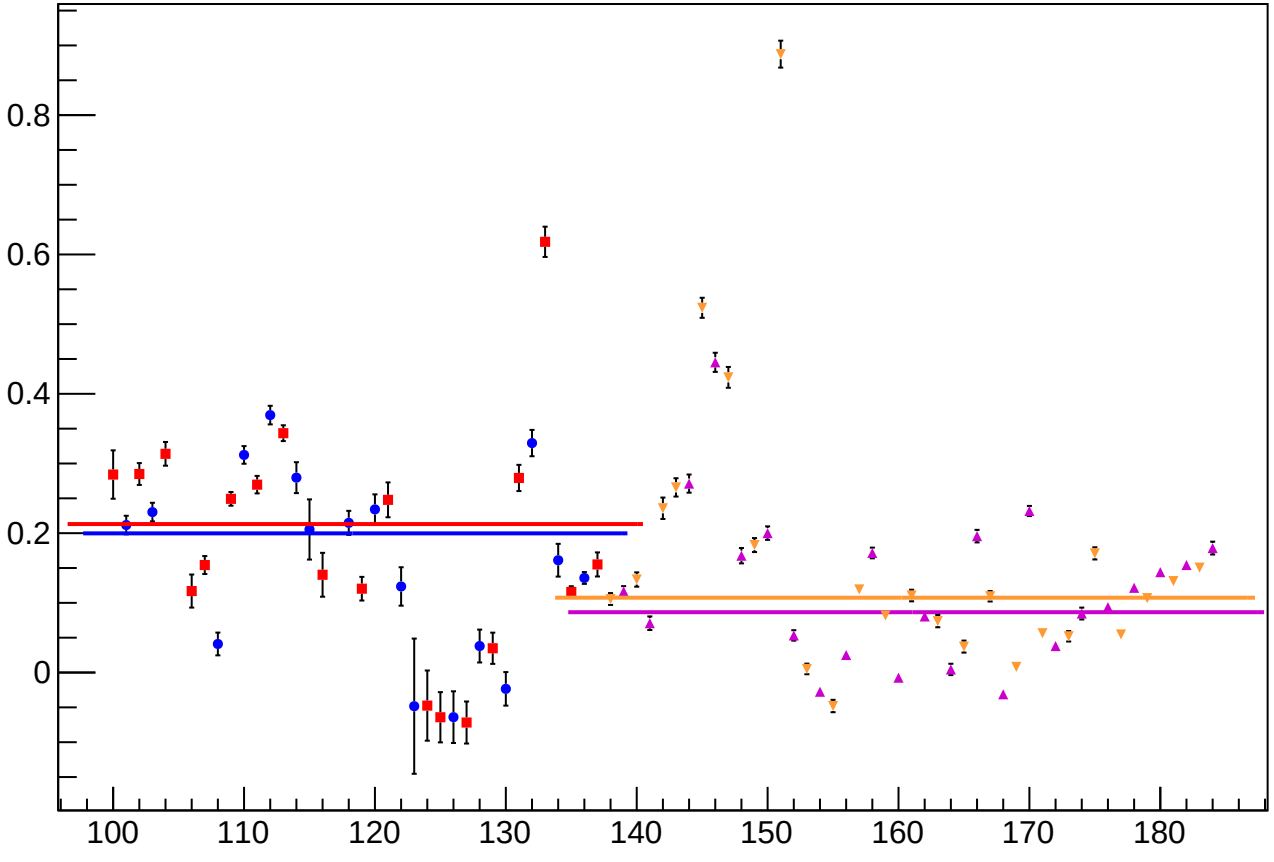
Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -1.203+/-0.030 χ^2/NDF:8174.4/39

Out: -1.344+/-0.032 χ^2/NDF:9389.8/42

All: -1.271+/-0.022 χ^2/NDF: 17574.4/82

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: 0.107+/-0.002 χ^2/NDF:4303.5/23

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

Left: 0.096+/-0.001 χ^2/NDF: 8024.8/46

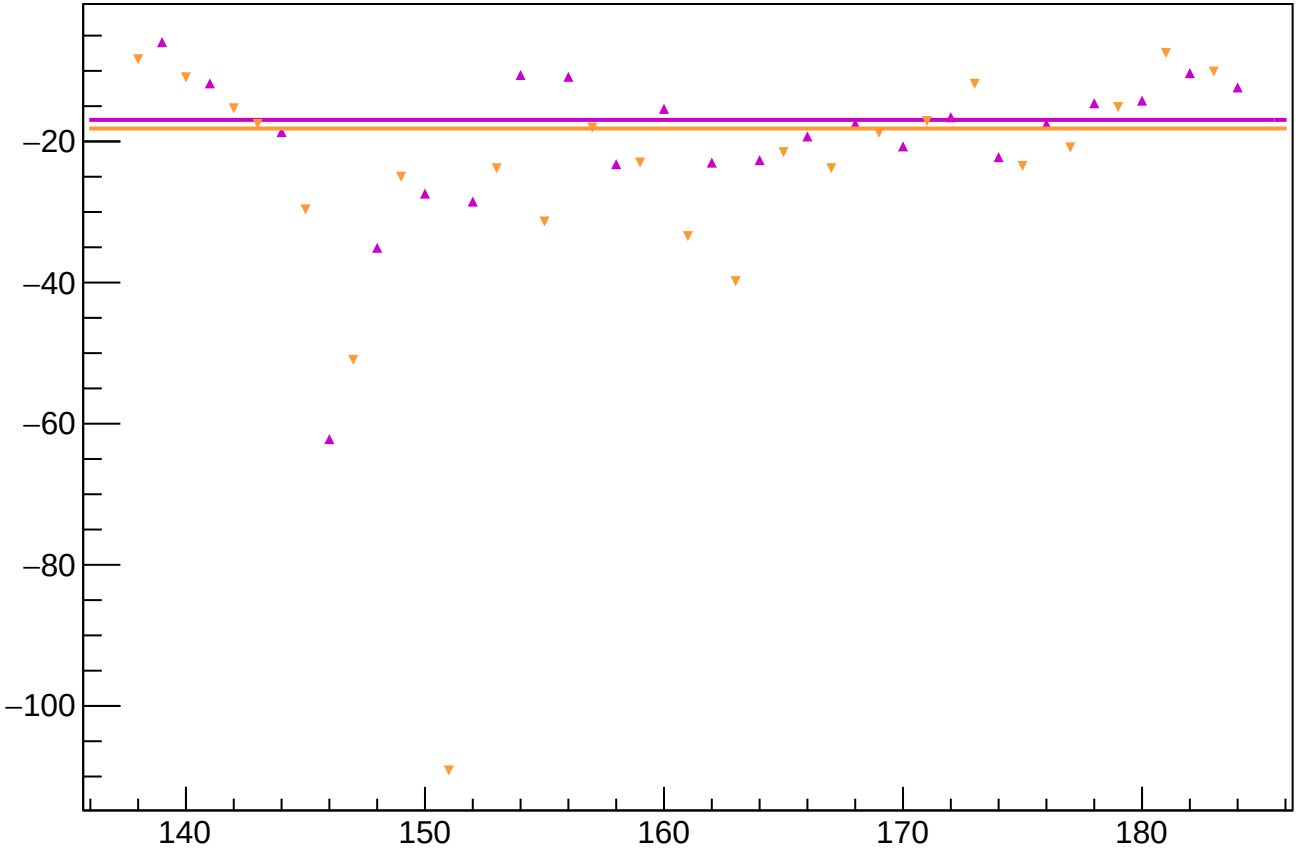
Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.100+/-0.001 χ^2/NDF:4963.7/39

Out: 0.125+/-0.001 χ^2/NDF:6046.9/42

All: 0.111+/-0.001 χ^2/NDF: 11160.6/82

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: -18.166+/-0.039 χ^2/NDF:88416.0/23

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

Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

Left: -17.532+/-0.027 χ^2/NDF: 133671.9/46

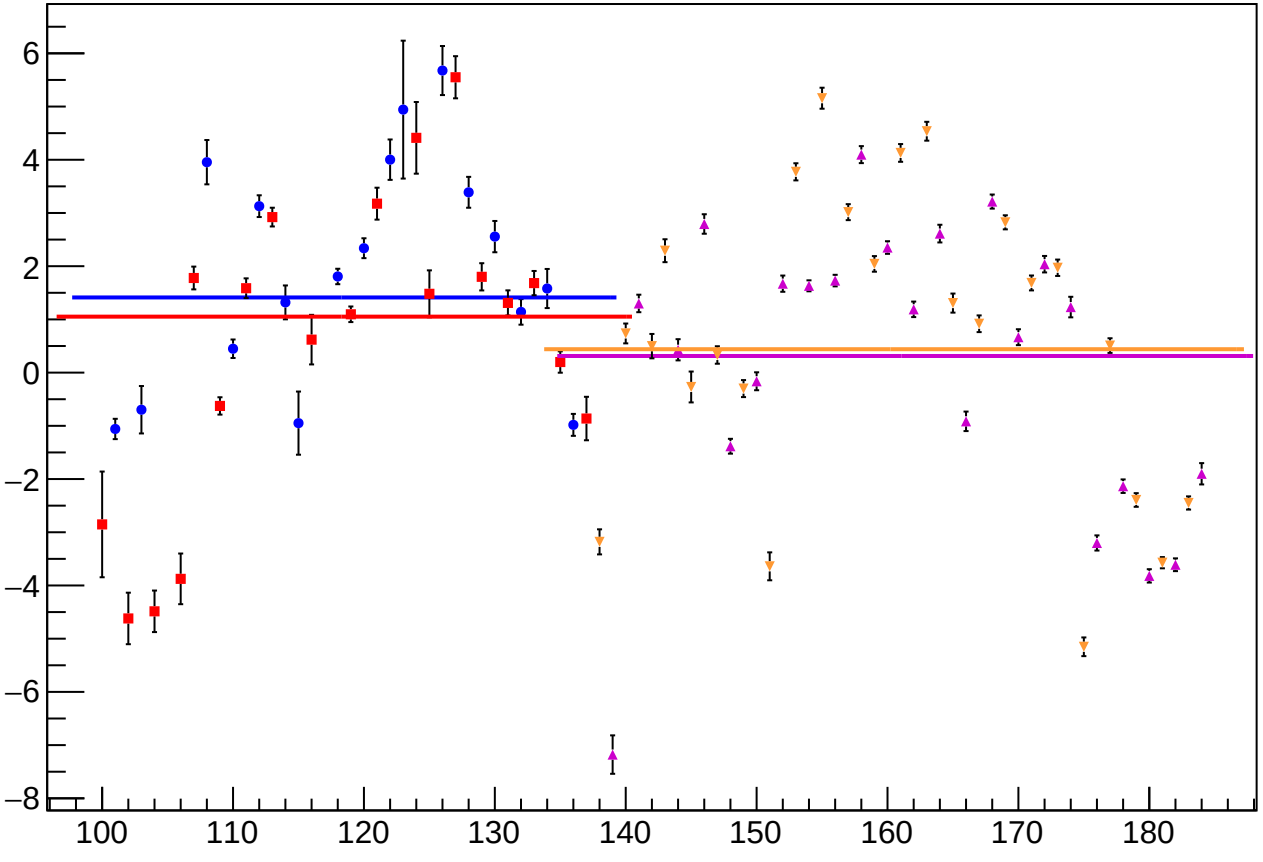
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -16.945+/-0.038 χ^2/NDF:44756.2/22

Out: -18.166+/-0.039 χ^2/NDF:88416.0/23

All: -17.532+/-0.027 χ^2/NDF: 133671.9/46

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: 0.440+/-0.033 χ^2/NDF:7041.6/23

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

Left: 0.372+/-0.022 χ^2/NDF: 13284.7/46

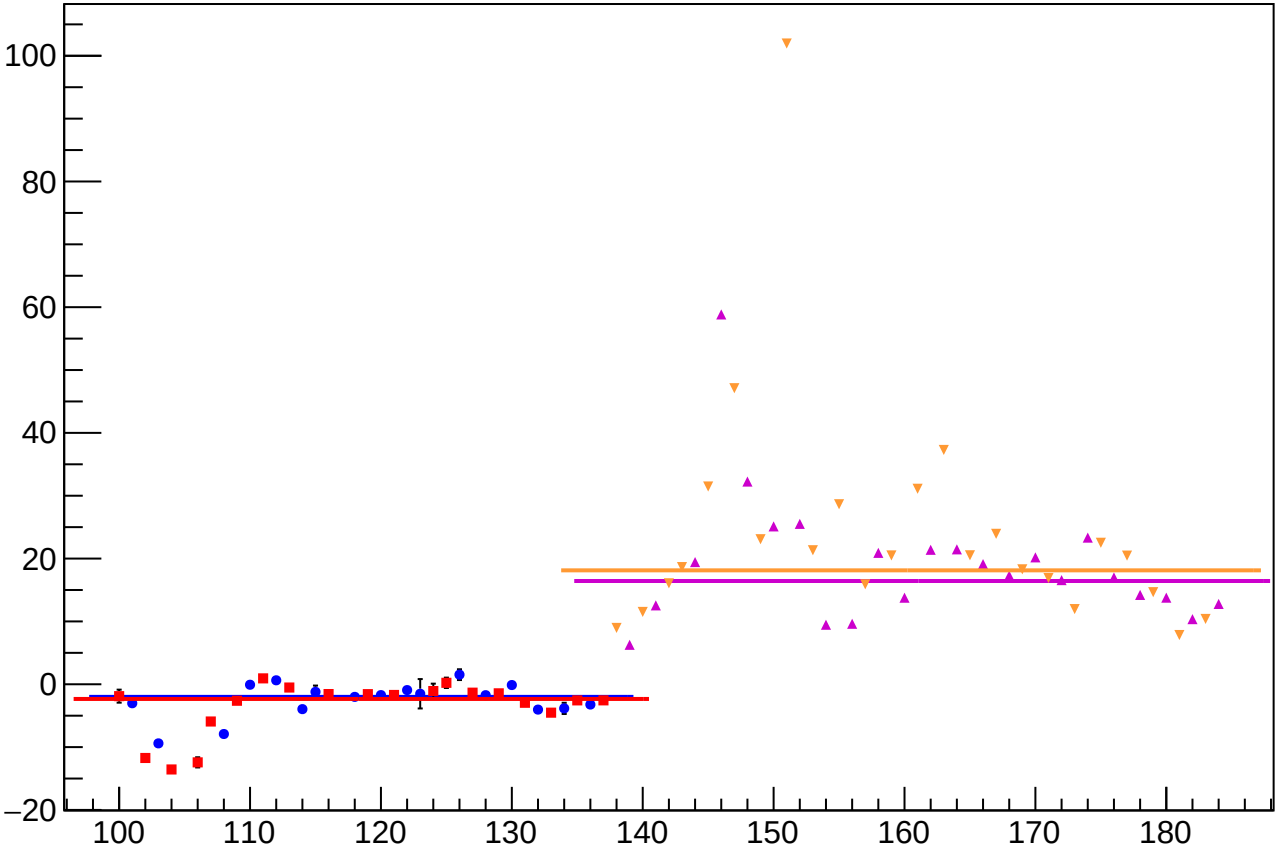
Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 0.533+/-0.027 χ^2/NDF:7208.4/39

Out: 0.587+/-0.028 χ^2/NDF:8089.2/42

All: 0.559+/-0.020 χ^2/NDF: 15299.5/82

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: 18.126+/-0.039 χ^2/NDF:77772.0/23

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

Left: 17.235+/-0.027 χ^2/NDF: 120077.0/46

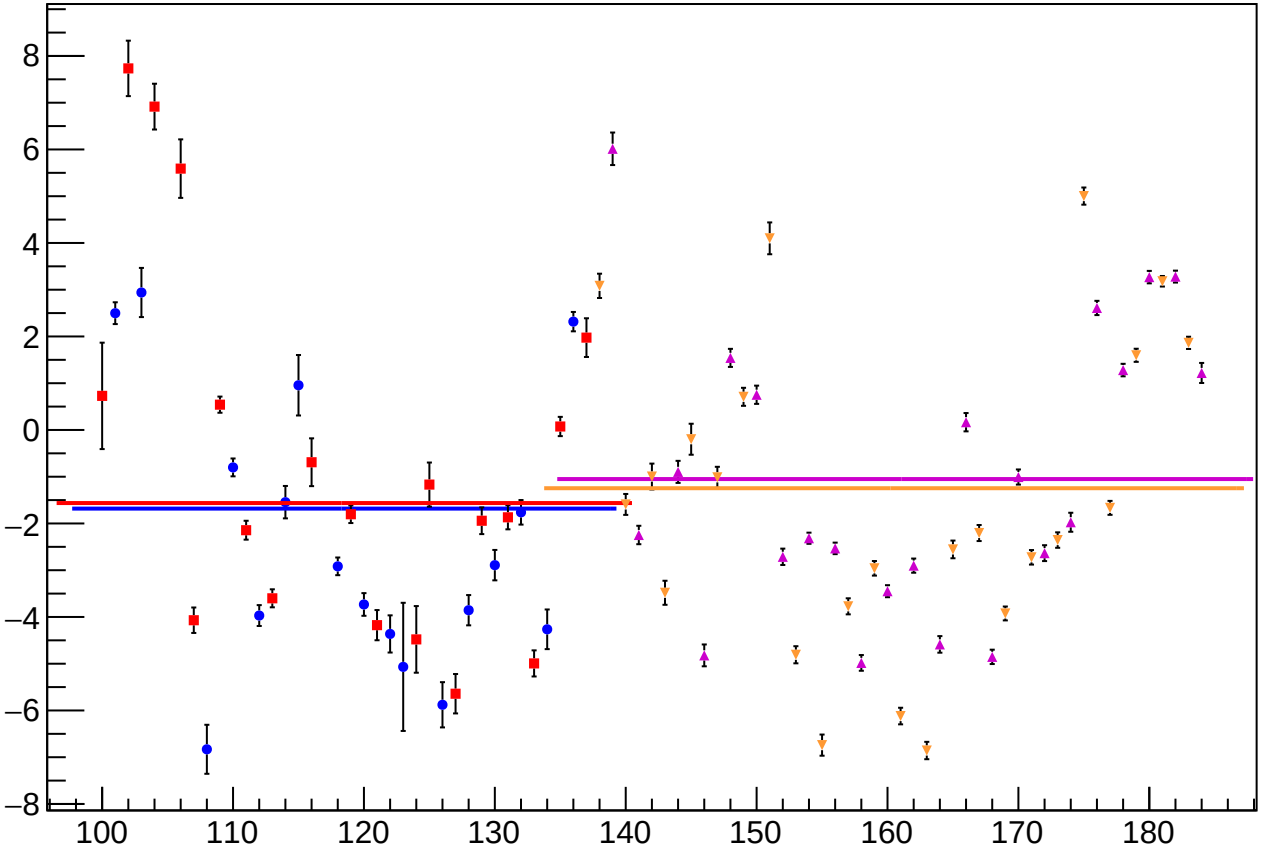
Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 14.529+/-0.036 χ^2/NDF:66713.5/39

Out: 15.313+/-0.037 χ^2/NDF:115585.8/42

All: 14.909+/-0.026 χ^2/NDF: 182534.8/82

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: -1.246+/-0.036 χ^2/NDF:7908.0/23

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

Left: -1.142+/-0.025 χ^2/NDF: 14636.5/46

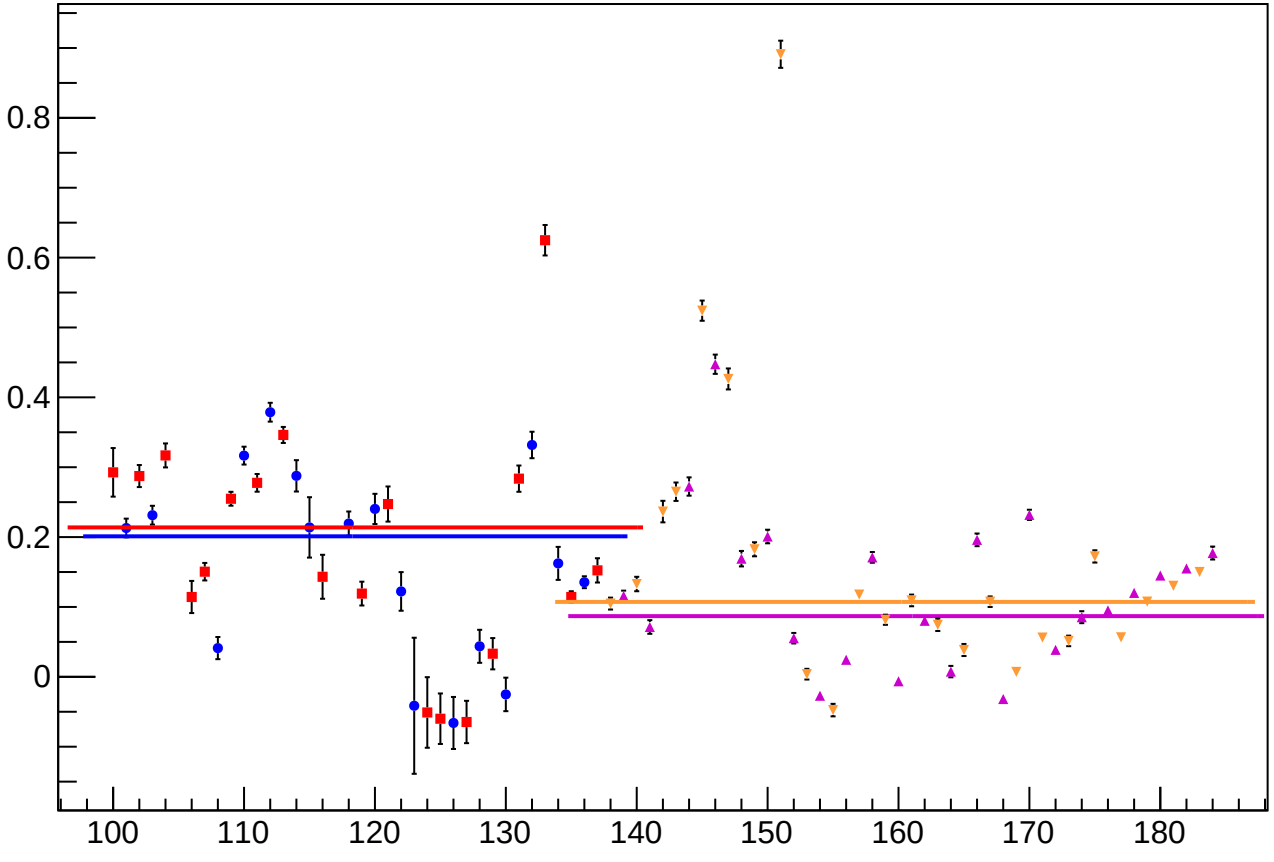
Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -1.170+/-0.031 χ^2/NDF:8126.3/39

Out: -1.320+/-0.032 χ^2/NDF:9430.6/42

All: -1.242+/-0.022 χ^2/NDF: 17568.6/82

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: 0.107+/-0.002 χ^2/NDF:4285.2/23

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

Left: 0.096+/-0.001 χ^2/NDF: 7974.6/46

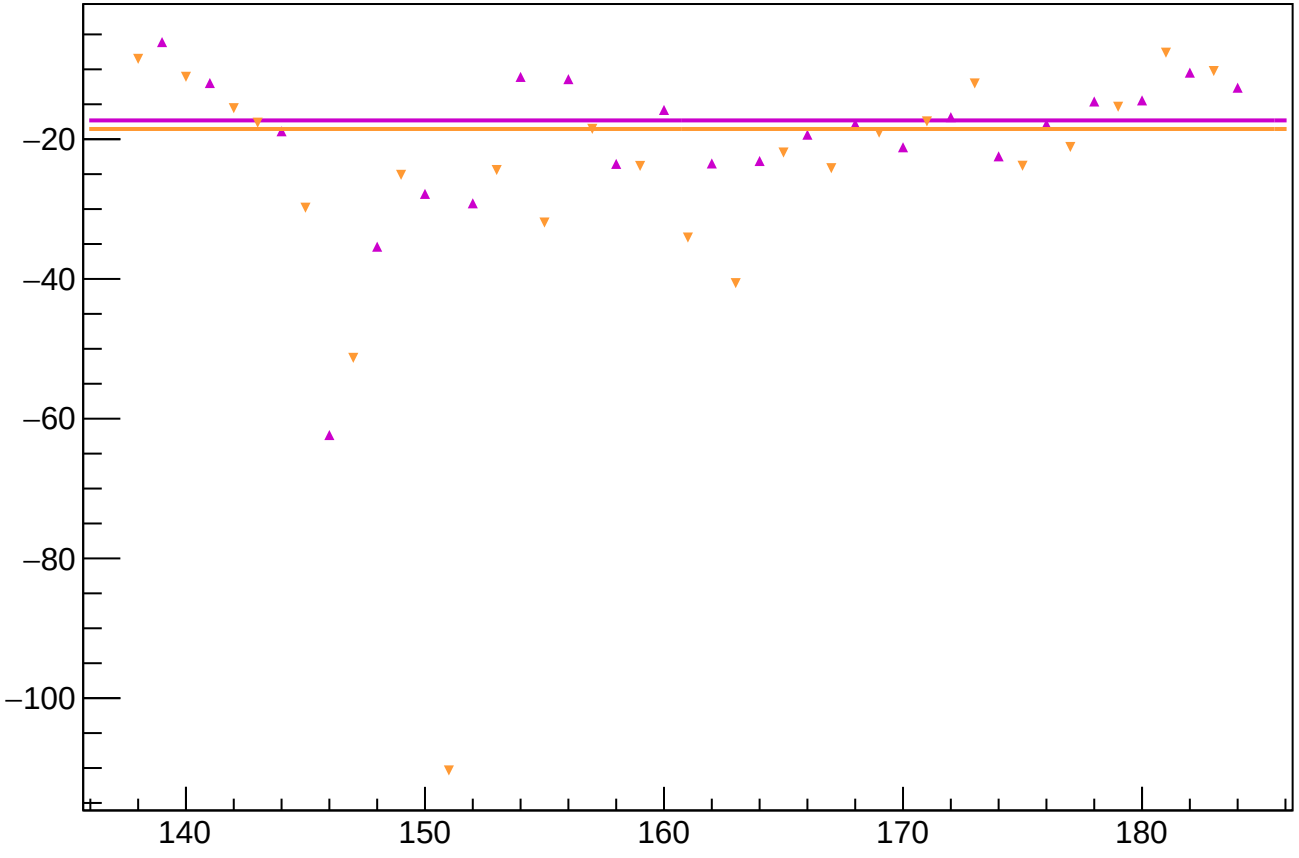
Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.100+/-0.001 χ^2/NDF:4972.9/39

Out: 0.125+/-0.001 χ^2/NDF:6069.9/42

All: 0.112+/-0.001 χ^2/NDF: 11187.1/82

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -18.537+/-0.040 χ^2/NDF:87770.7/23

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

Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

Left: -17.900+/-0.028 χ^2/NDF: 132060.0/46

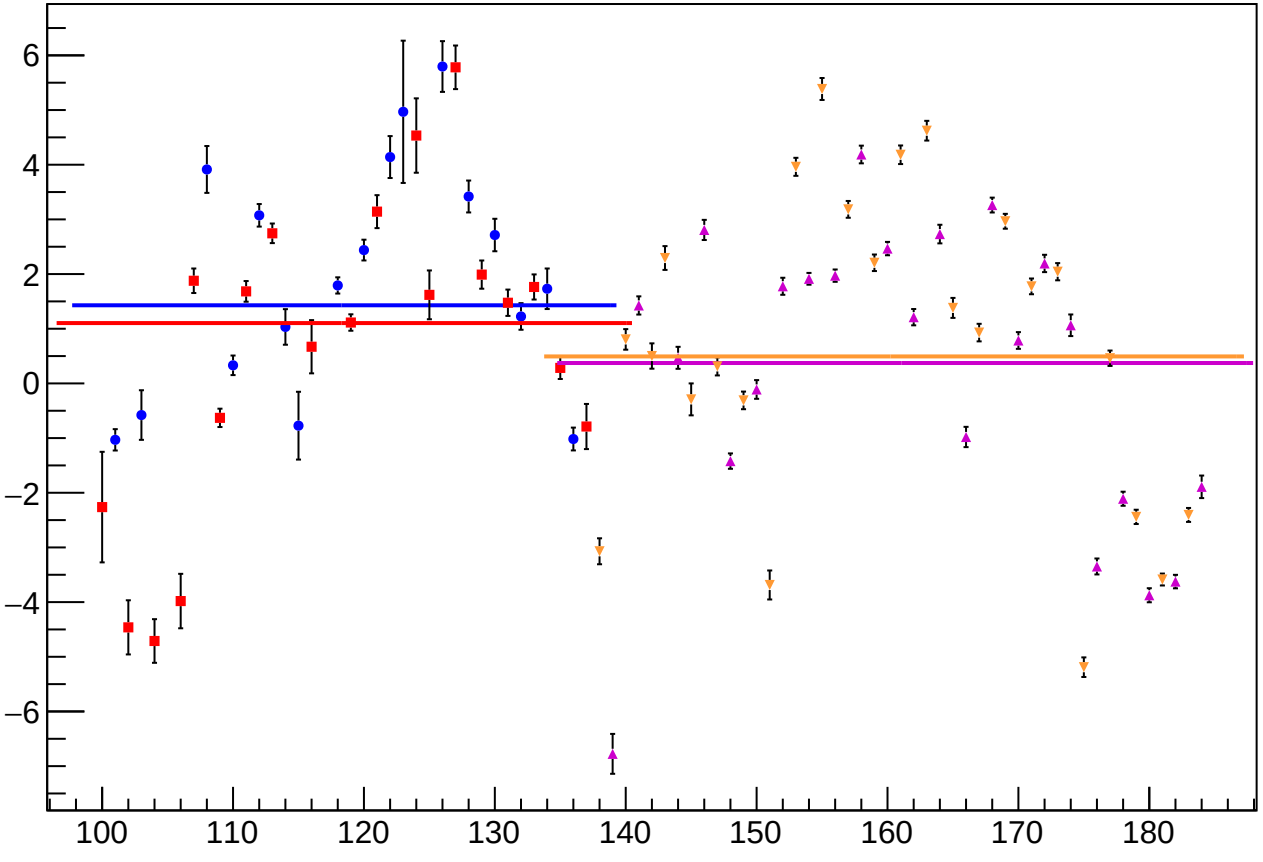
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.309+/-0.039 χ^2/NDF:43807.0/22

Out: -18.537+/-0.040 χ^2/NDF:87770.7/23

All: -17.900+/-0.028 χ^2/NDF: 132060.0/46

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: 0.493+/-0.033 χ^2/NDF:7005.3/23

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

Left: 0.429+/-0.023 χ^2/NDF: 13276.1/46

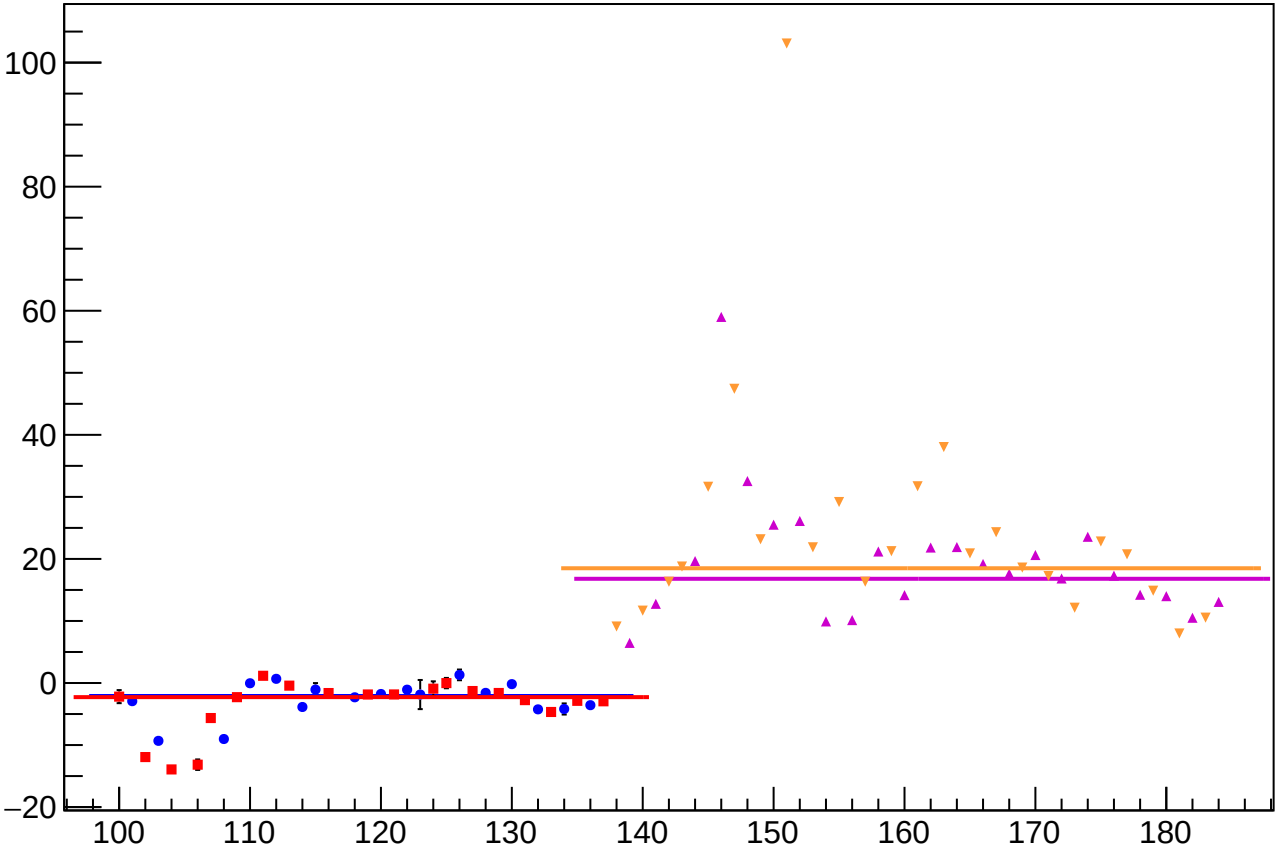
Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 0.587+/-0.028 χ^2/NDF:7205.4/39

Out: 0.640+/-0.029 χ^2/NDF:8022.2/42

All: 0.612+/-0.020 χ^2/NDF: 15229.4/82

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: 18.496+/-0.040 χ^2/NDF:77164.3/23

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

Left: 17.605+/-0.028 χ^2/NDF: 118350.5/46

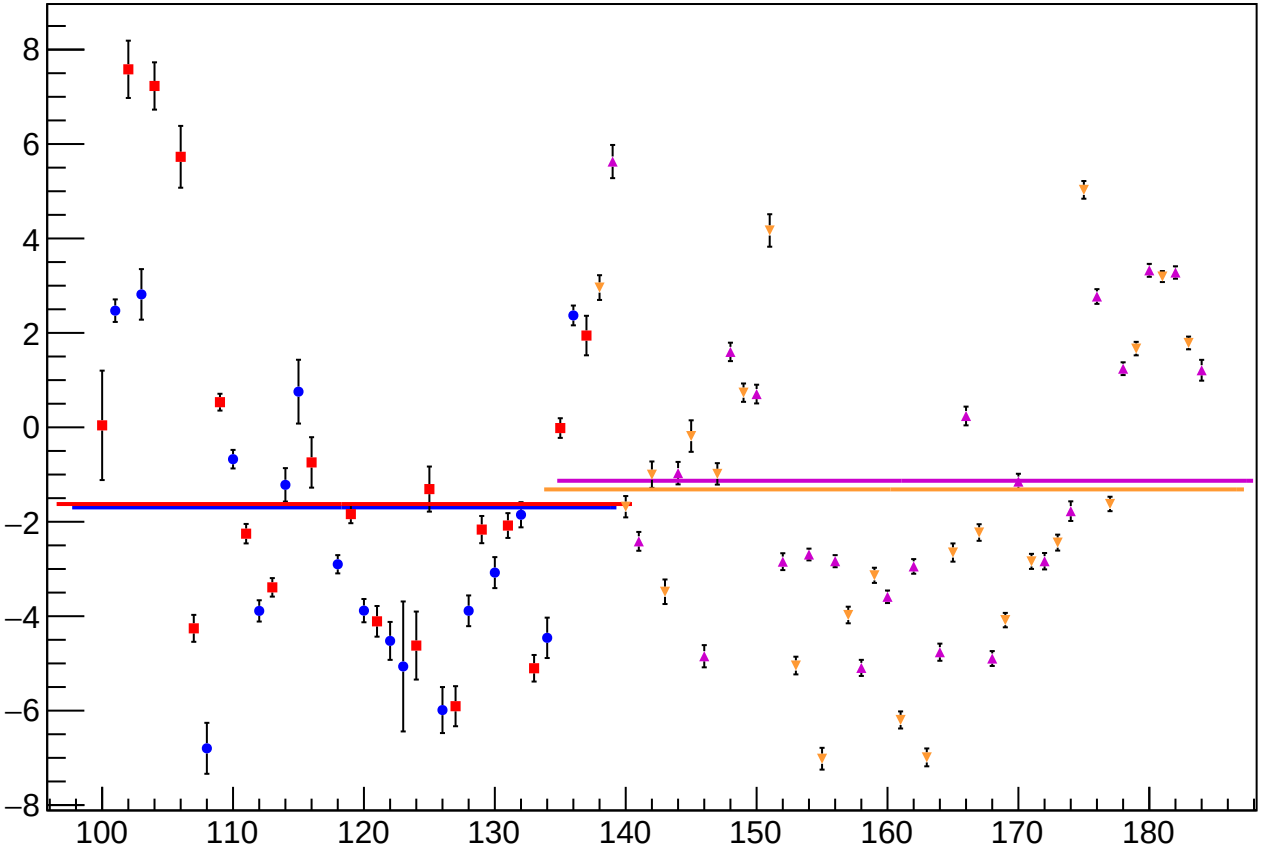
Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 14.827+/-0.036 χ^2/NDF:65963.3/39

Out: 15.632+/-0.038 χ^2/NDF:114548.5/42

All: 15.217+/-0.026 χ^2/NDF: 180749.1/82

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: -1.315+/-0.037 χ^2/NDF:7864.8/23

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

Left: -1.217+/-0.025 χ^2/NDF: 14621.2/46

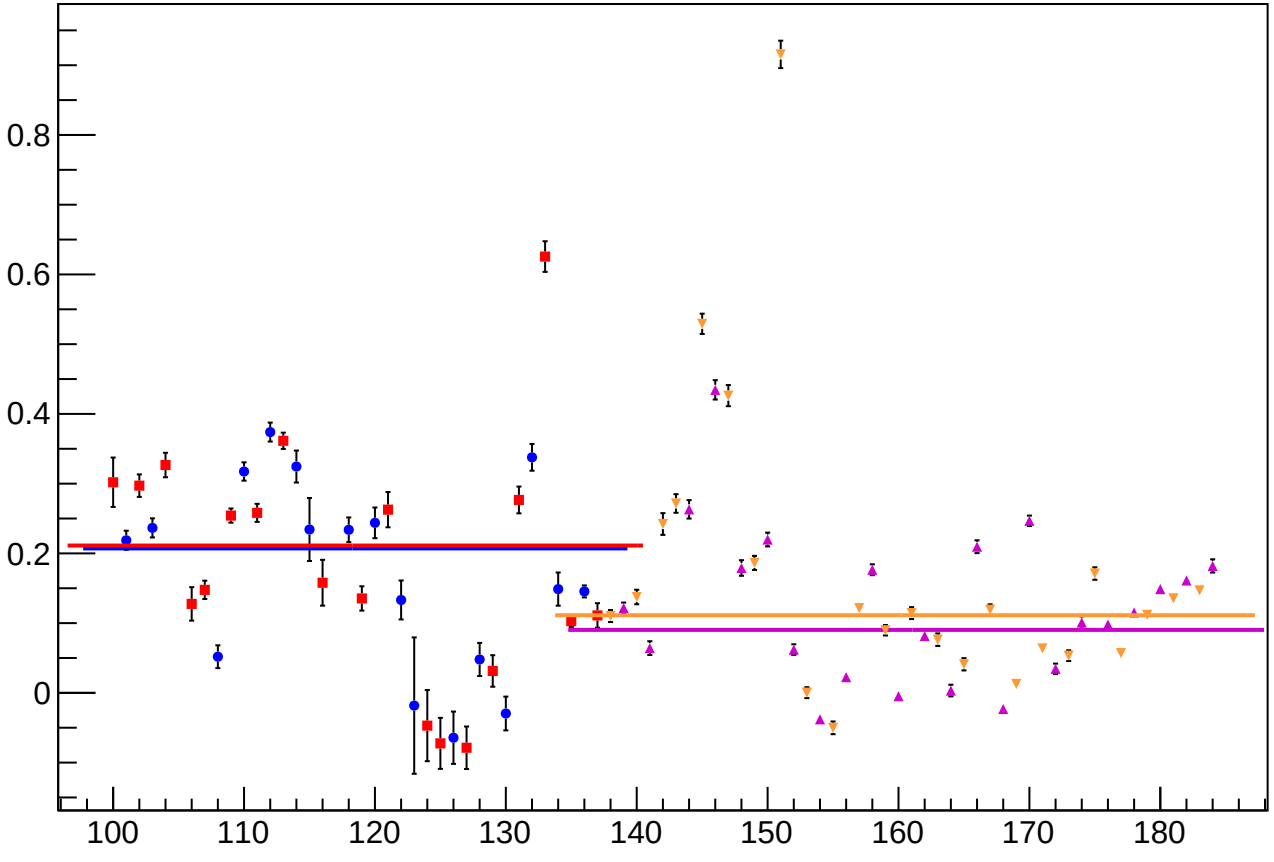
Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -1.240+/-0.031 χ^2/NDF:8127.0/39

Out: -1.387+/-0.032 χ^2/NDF:9348.5/42

All: -1.311+/-0.023 χ^2/NDF: 17486.3/82

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: 0.111+/-0.002 χ^2/NDF:4288.1/23

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

Left: 0.100+/-0.001 χ^2/NDF: 8054.0/46

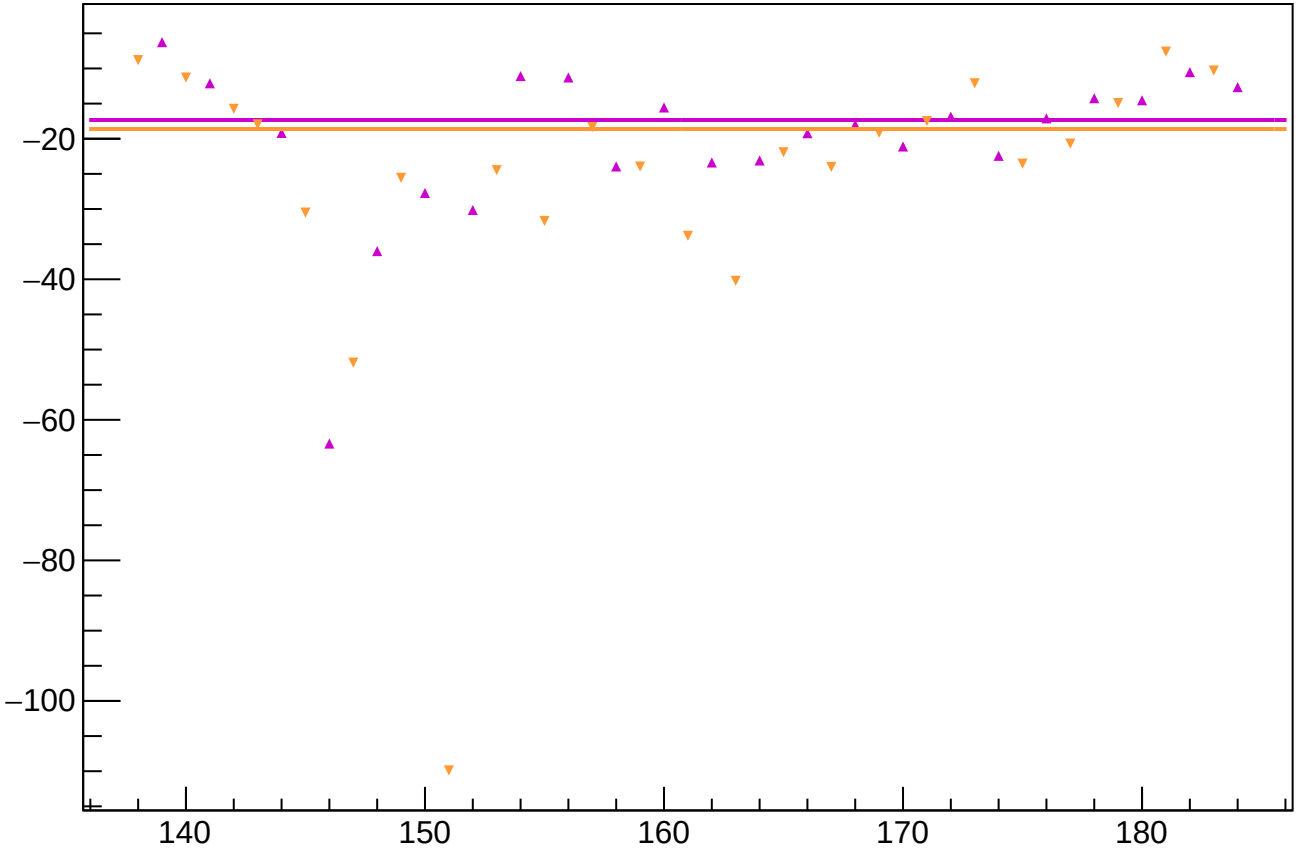
Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.104+/-0.001 χ^2/NDF:5019.2/39

Out: 0.128+/-0.002 χ^2/NDF:6025.5/42

All: 0.115+/-0.001 χ^2/NDF: 11173.2/82

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: -18.619+/-0.041 χ^2/NDF:86279.4/23

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

Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

Left: -17.953+/-0.028 χ^2/NDF: 130875.8/46

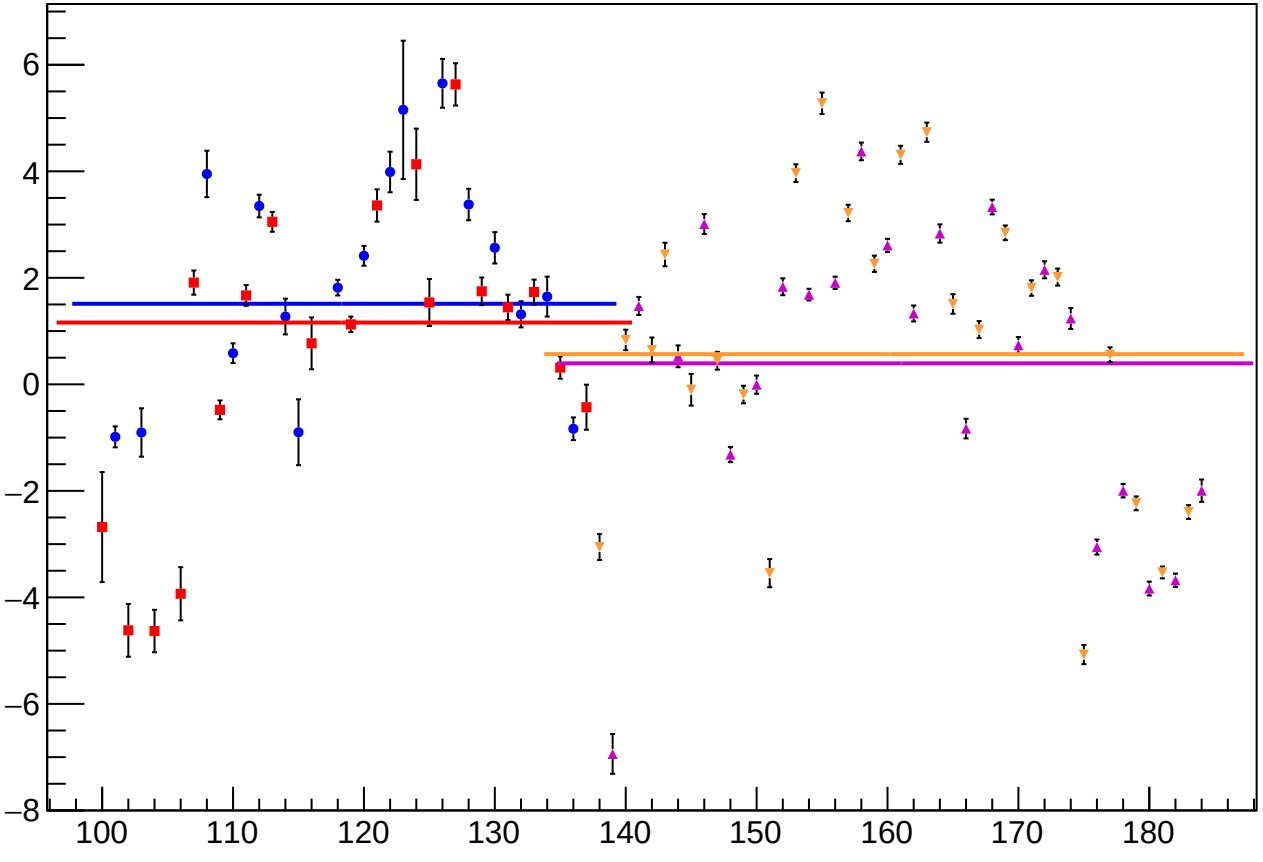
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -17.335+/-0.039 χ^2/NDF:44078.7/22

Out: -18.619+/-0.041 χ^2/NDF:86279.4/23

All: -17.953+/-0.028 χ^2/NDF: 130875.8/46

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: 0.567+/-0.034 χ^2/NDF:6758.0/23

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

Left: 0.475+/-0.023 χ^2/NDF: 12884.7/46

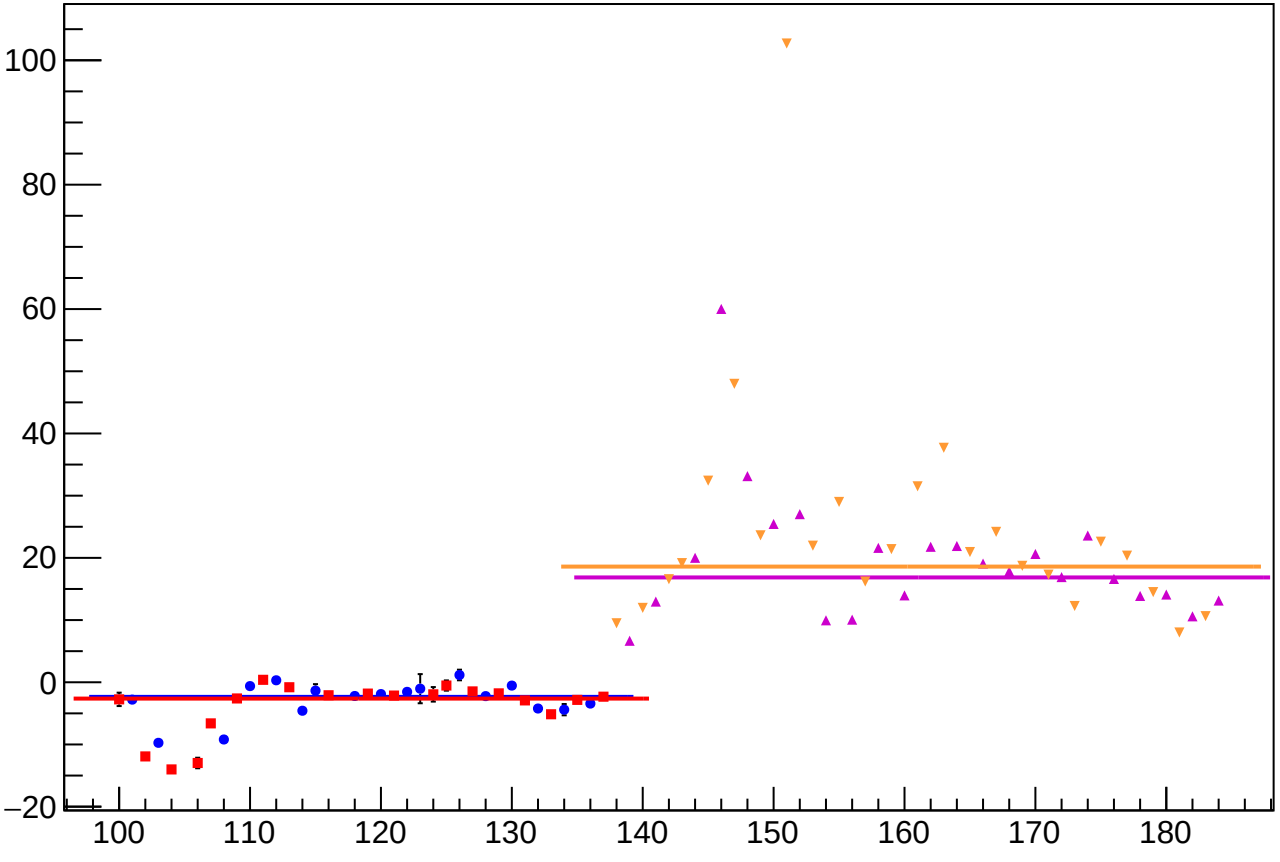
Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 0.621+/-0.028 χ^2/NDF:7036.2/39

Out: 0.709+/-0.029 χ^2/NDF:7749.2/42

All: 0.663+/-0.020 χ^2/NDF: 14790.0/82

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: 18.597+/-0.041 χ^2/NDF:75962.4/23

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

Left: 17.682+/-0.028 χ^2/NDF: 117512.6/46

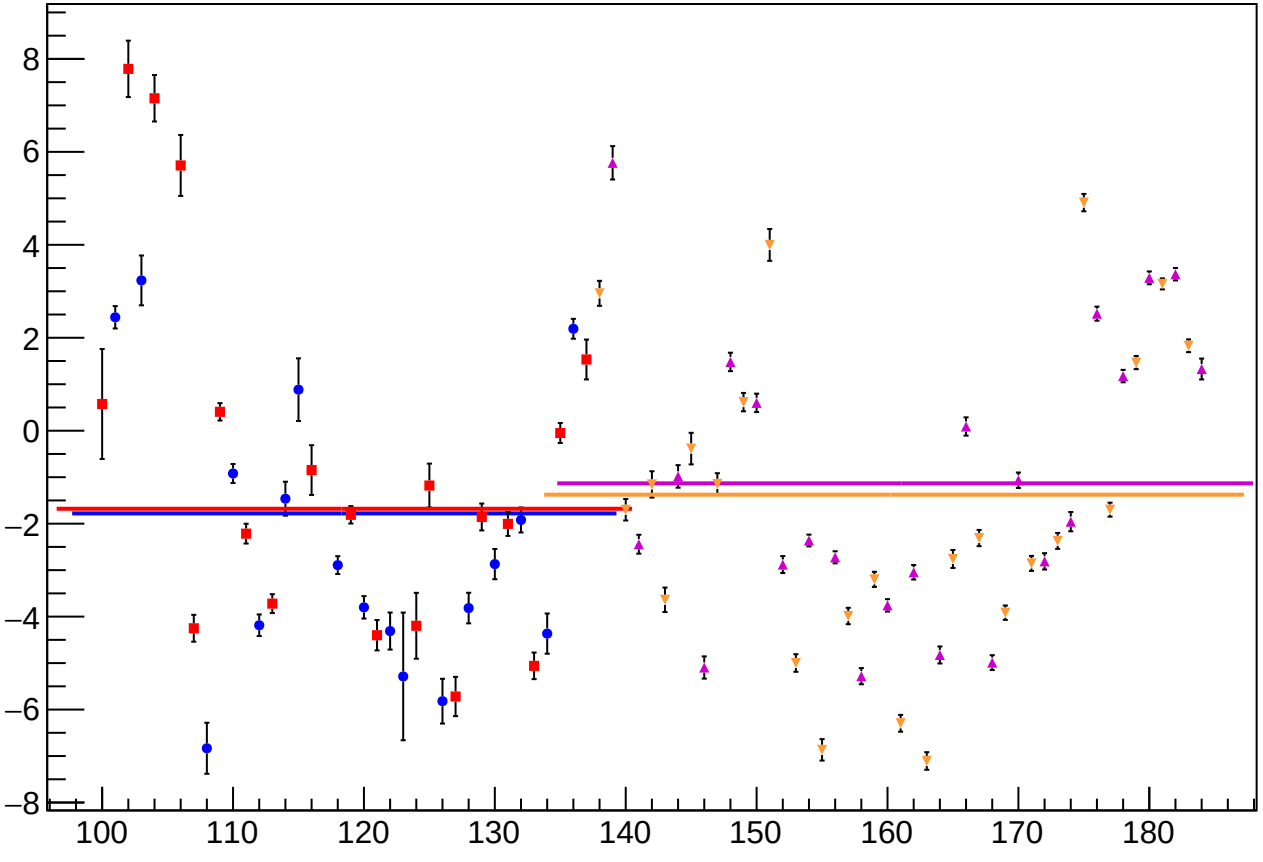
Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 14.873+/-0.037 χ^2/NDF:66345.5/39

Out: 15.735+/-0.038 χ^2/NDF:113361.2/42

All: 15.290+/-0.026 χ^2/NDF: 179973.7/82

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: -1.376+/-0.037 χ^2/NDF:7618.3/23

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

Left: -1.247+/-0.026 χ^2/NDF: 14279.2/46

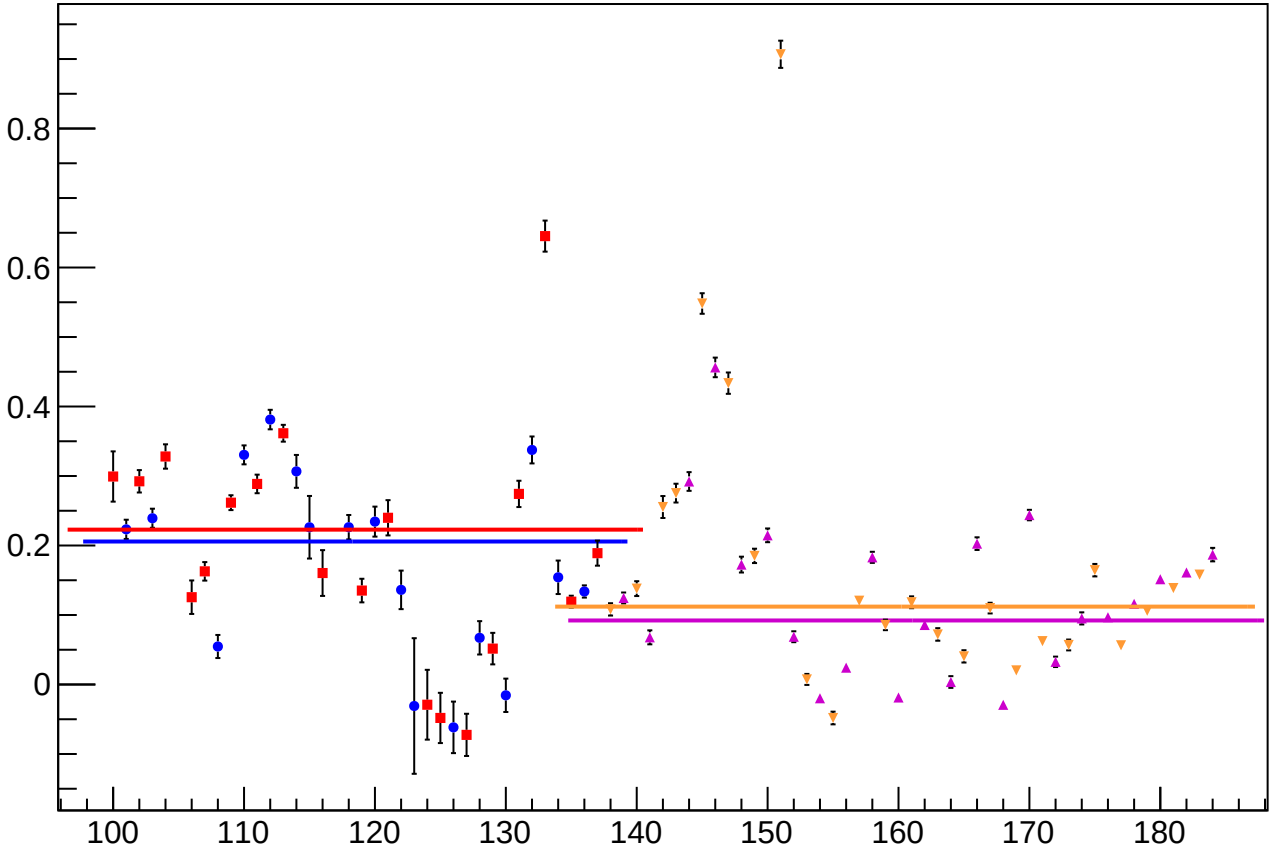
Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -1.256+/-0.032 χ^2/NDF:7975.2/39

Out: -1.447+/-0.033 χ^2/NDF:9063.1/42

All: -1.348+/-0.023 χ^2/NDF: 17055.8/82

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: 0.112+/-0.002 χ^2/NDF:4287.3/23

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

Left: 0.101+/-0.001 χ^2/NDF: 7996.4/46

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.105+/-0.001 χ^2/NDF:4914.0/39

Out: 0.130+/-0.002 χ^2/NDF:6029.9/42

All: 0.117+/-0.001 χ^2/NDF: 11078.2/82