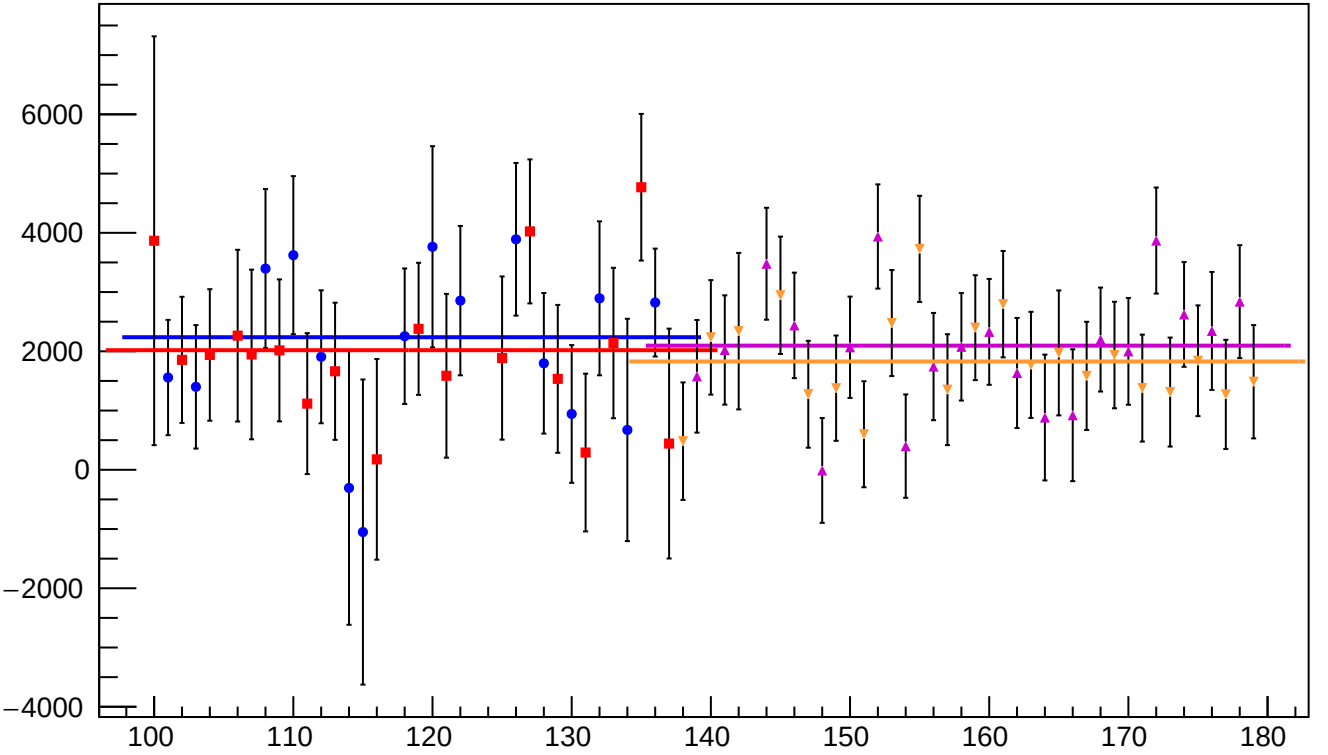
dit_asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1828.414+/-204.185 χ^2/NDF:14.0/20

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

Left In: 2095.465+/-205.741 χ^2/NDF:24.3/19

Left: 1960.926+/-144.928 χ^2/NDF: 39.1/40

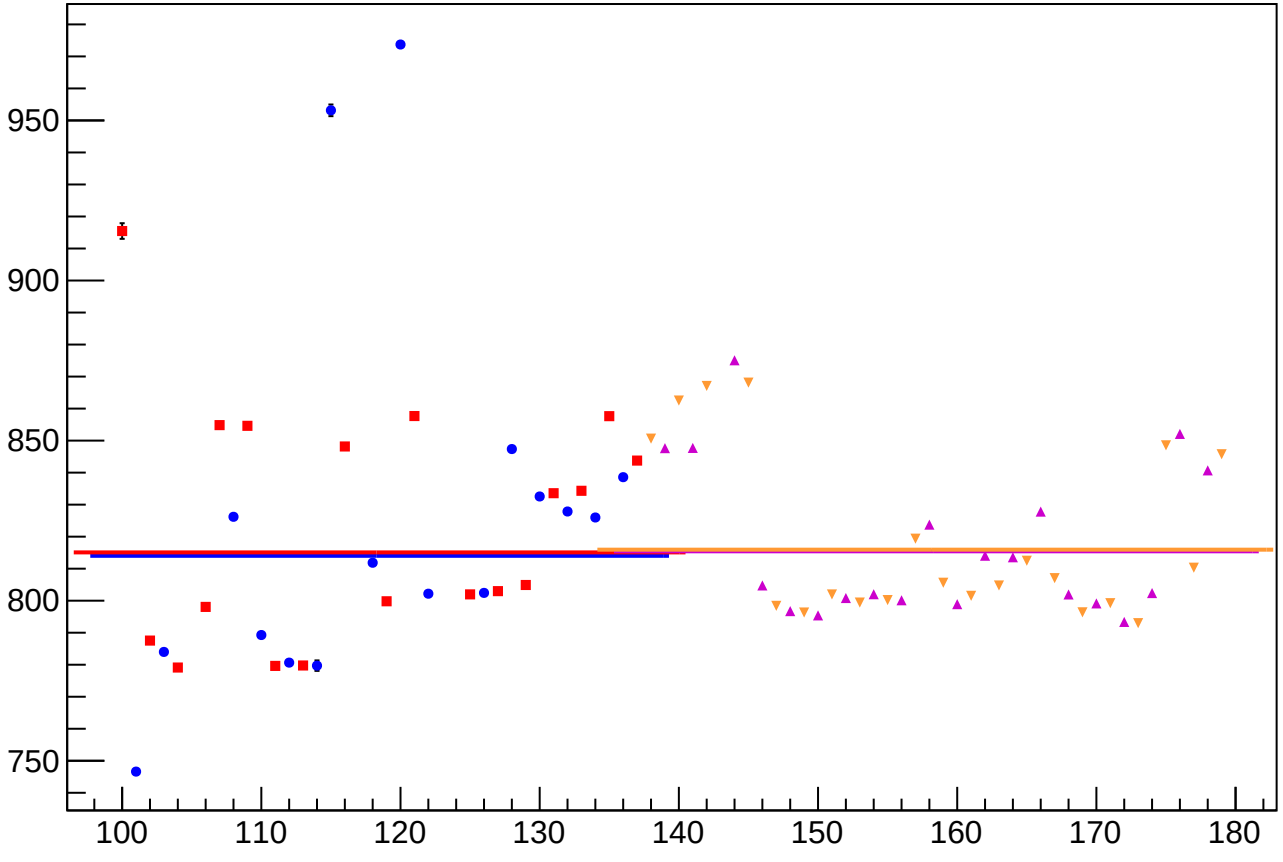
Right: 2126.067+/-220.232 χ^2/NDF: 24.1/33

In: 2138.134+/-172.195 χ^2/NDF:35.8/35

Out: 1886.393+/-170.246 χ^2/NDF:26.8/38

All: 2010.830+/-121.065 χ^2/NDF: 63.7/74

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 815.935+/-0.144 χ^2/NDF:27822.9/20

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

Left In: 815.423+/-0.145 χ^2/NDF:24600.2/19

Left: 815.681+/-0.102 χ^2/NDF: 52429.4/40

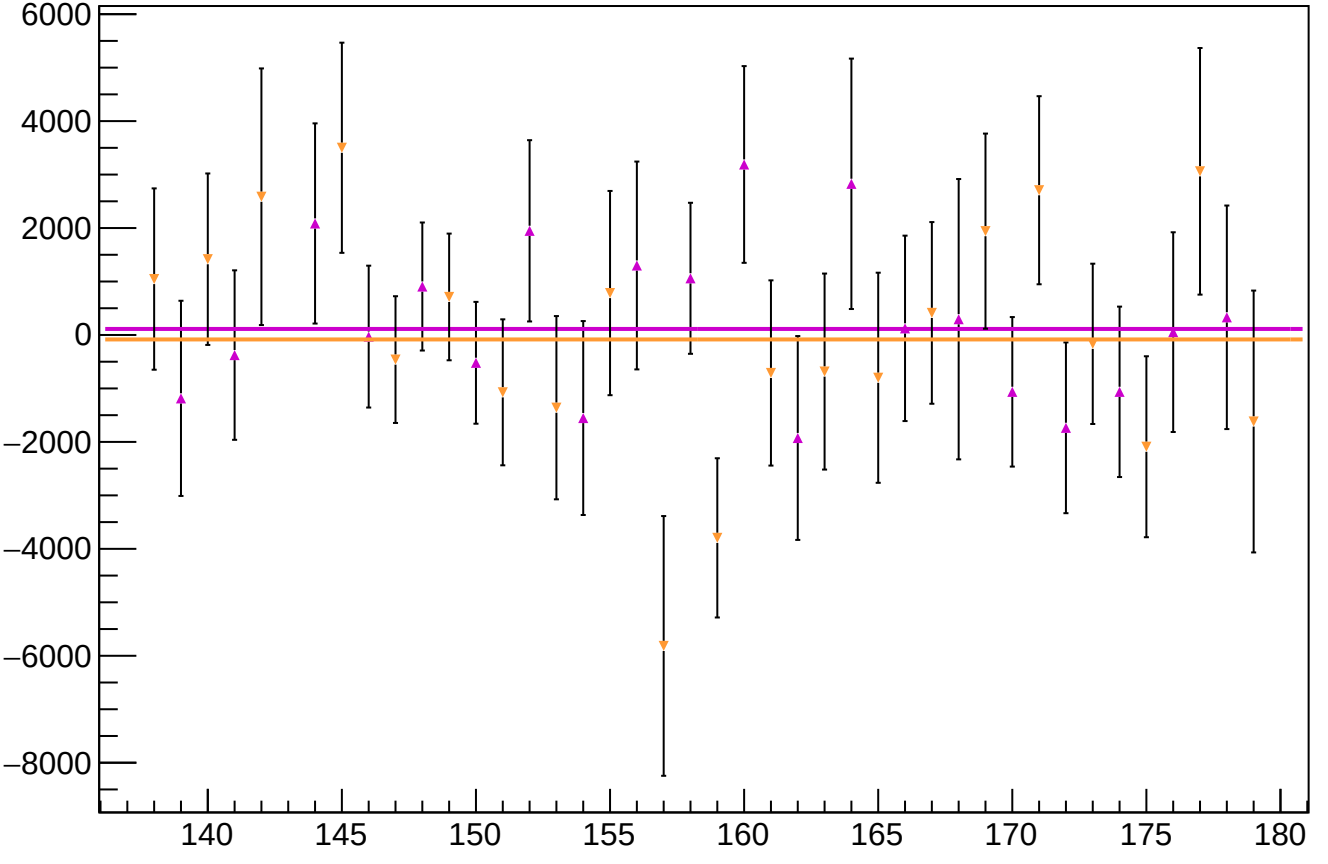
Right: 814.563+/-0.156 χ^2/NDF: 62012.6/33

In: 815.003+/-0.122 χ^2/NDF:66669.7/35

Out: 815.676+/-0.120 χ^2/NDF:47792.8/38

All: 815.343+/-0.086 χ^2/NDF: 114477.9/74

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -83.539+/-368.248 χ^2/NDF:27.4/20

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

Left In: 112.815+/-365.597 χ^2/NDF:13.2/19

Left: 15.347+/-259.448 χ^2/NDF: 40.7/40

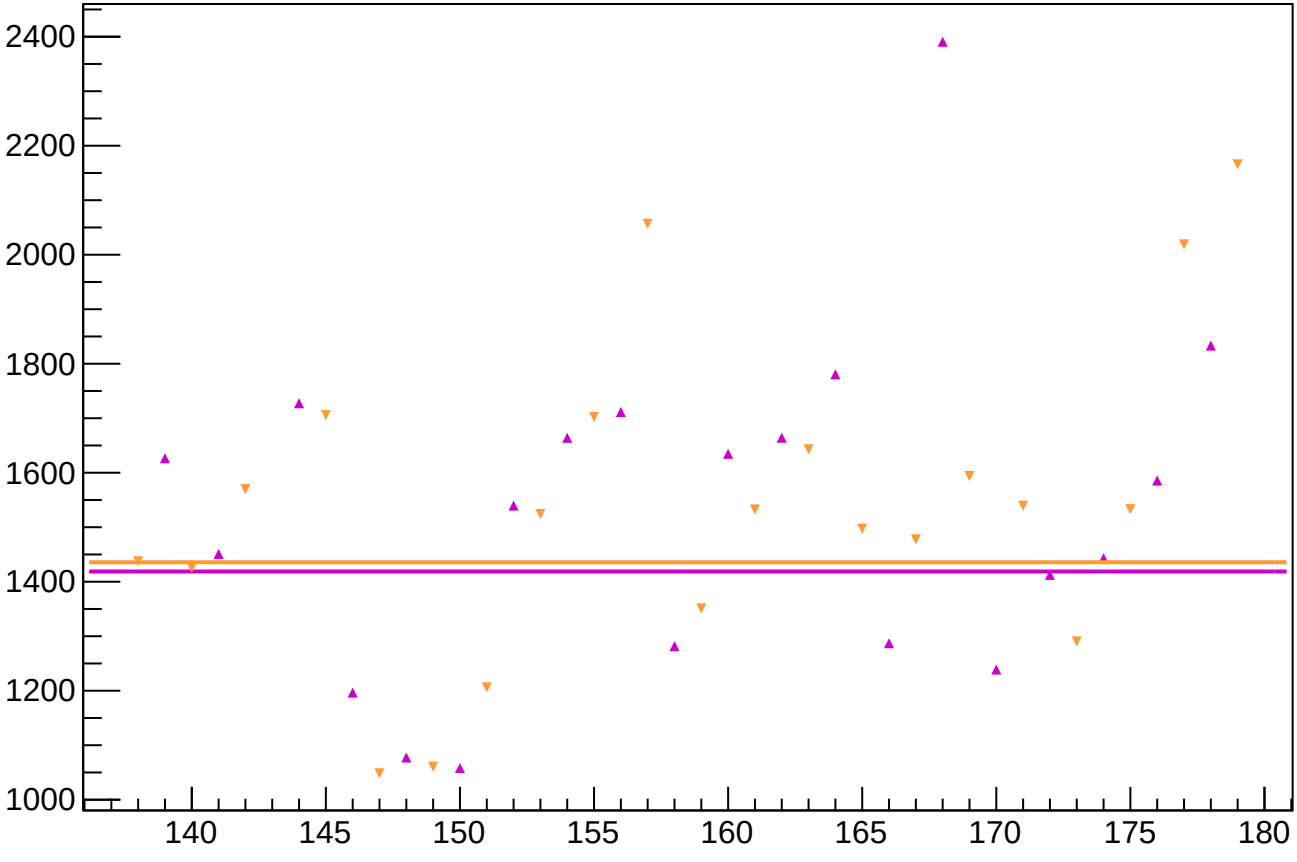
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 112.815+/-365.597 χ^2/NDF:13.2/19

Out: -83.539+/-368.248 χ^2/NDF:27.4/20

All: 15.347+/-259.448 χ^2/NDF: 40.7/40

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1435.723+/-0.260 χ^2/NDF:1084117.7/20

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

Left In: 1418.731+/-0.259 χ^2/NDF:1134260.2/19

Left: 1427.165+/-0.183 χ^2/NDF: 2220522.6/40

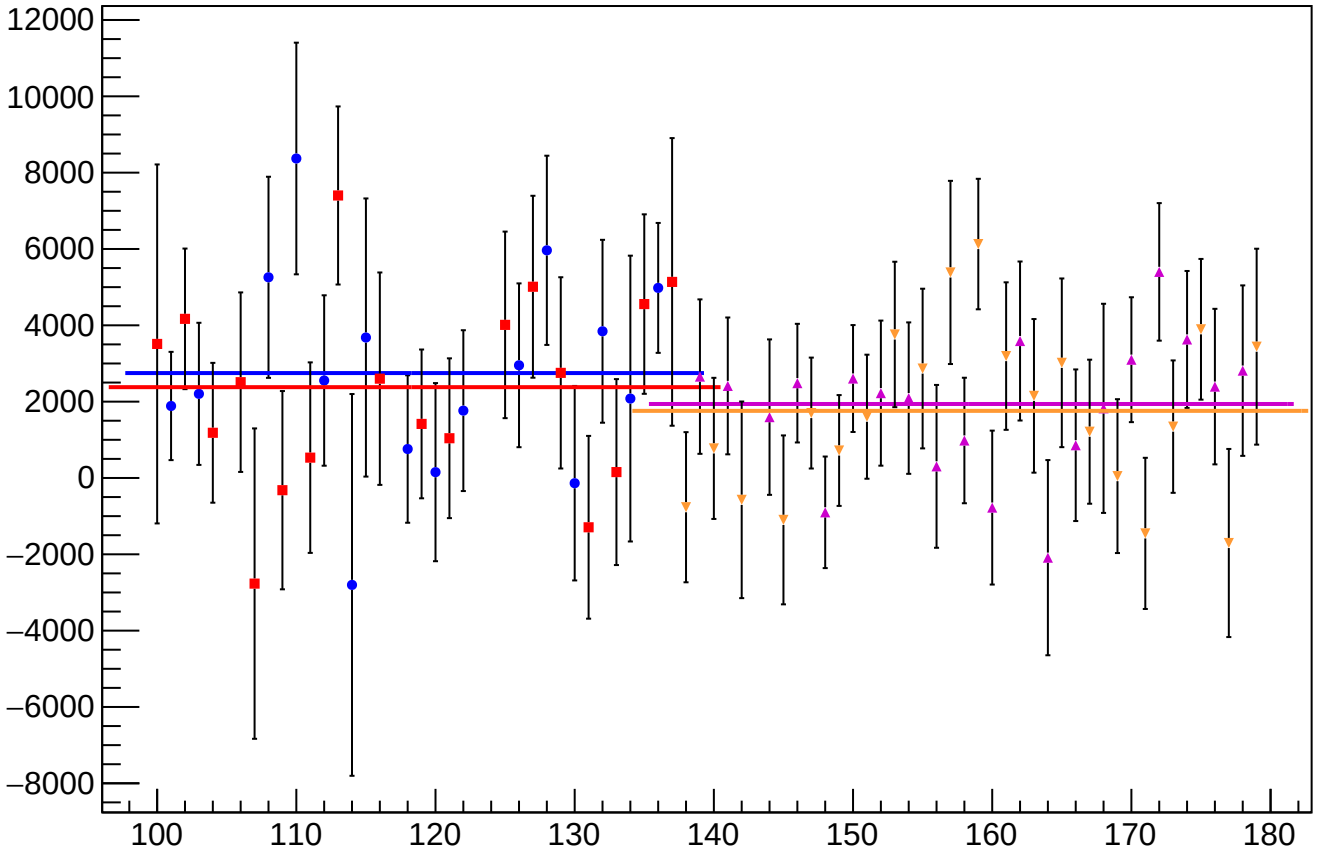
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1418.731+/-0.259 χ^2/NDF:1134260.2/19

Out: 1435.723+/-0.260 χ^2/NDF:1084117.7/20

All: 1427.165+/-0.183 χ^2/NDF: 2220522.6/40

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1758.511+/-418.984 χ^2/NDF:23.3/20

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

Left In: 1938.556+/-416.730 χ^2/NDF:15.8/19

Left: 1849.019+/-295.466 χ^2/NDF: 39.2/40

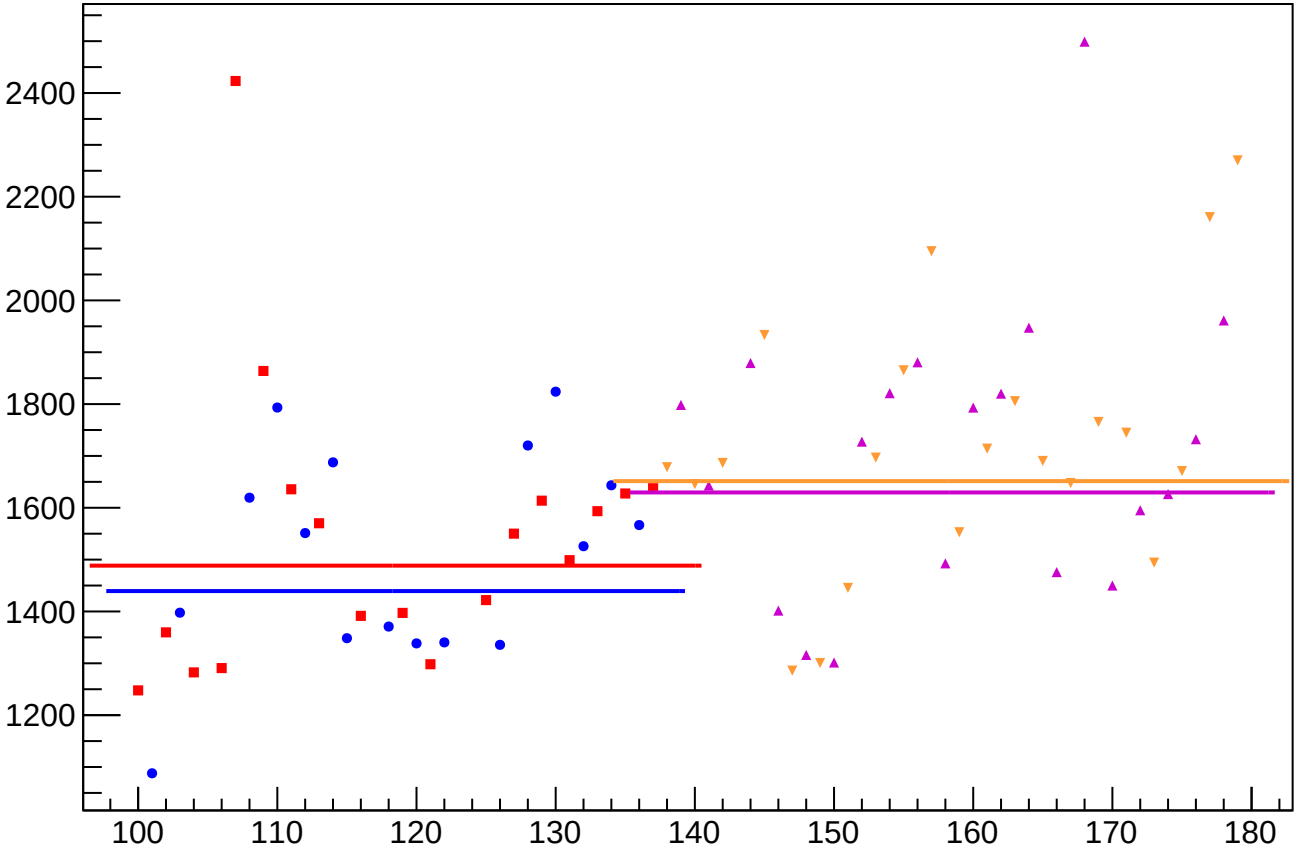
Right: 2566.079+/-400.174 χ^2/NDF: 30.0/33

In: 2225.378+/-334.942 χ^2/NDF:30.7/35

Out: 1976.838+/-337.378 χ^2/NDF:40.3/38

All: 2102.009+/-237.696 χ^2/NDF: 71.2/74

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1651.413+/-0.296 χ^2/NDF:649082.5/20

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

Left In: 1629.558+/-0.295 χ^2/NDF:702408.4/19

Left: 1640.427+/-0.209 χ^2/NDF: 1354226.5/40

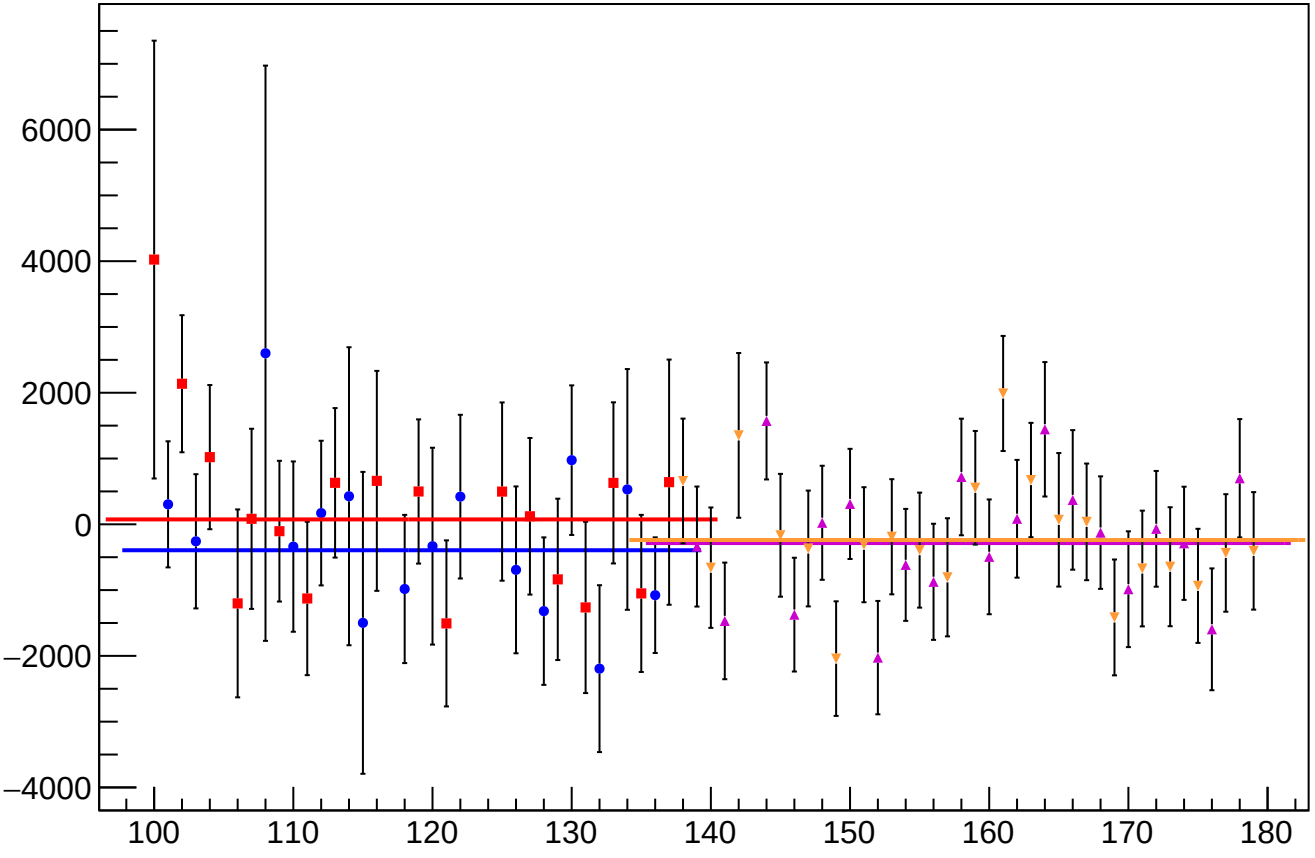
Right: 1463.597+/-0.283 χ^2/NDF: 541697.1/33

In: 1562.217+/-0.237 χ^2/NDF:1127795.4/35

Out: 1594.091+/-0.239 χ^2/NDF:1011876.8/38

All: 1578.038+/-0.168 χ^2/NDF: 2148662.4/74

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -239.053+/-197.192 χ^2/NDF:19.0/20

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

Left In: -284.959+/-199.089 χ^2/NDF:21.7/19

Left: -261.786+/-140.102 χ^2/NDF: 40.8/40

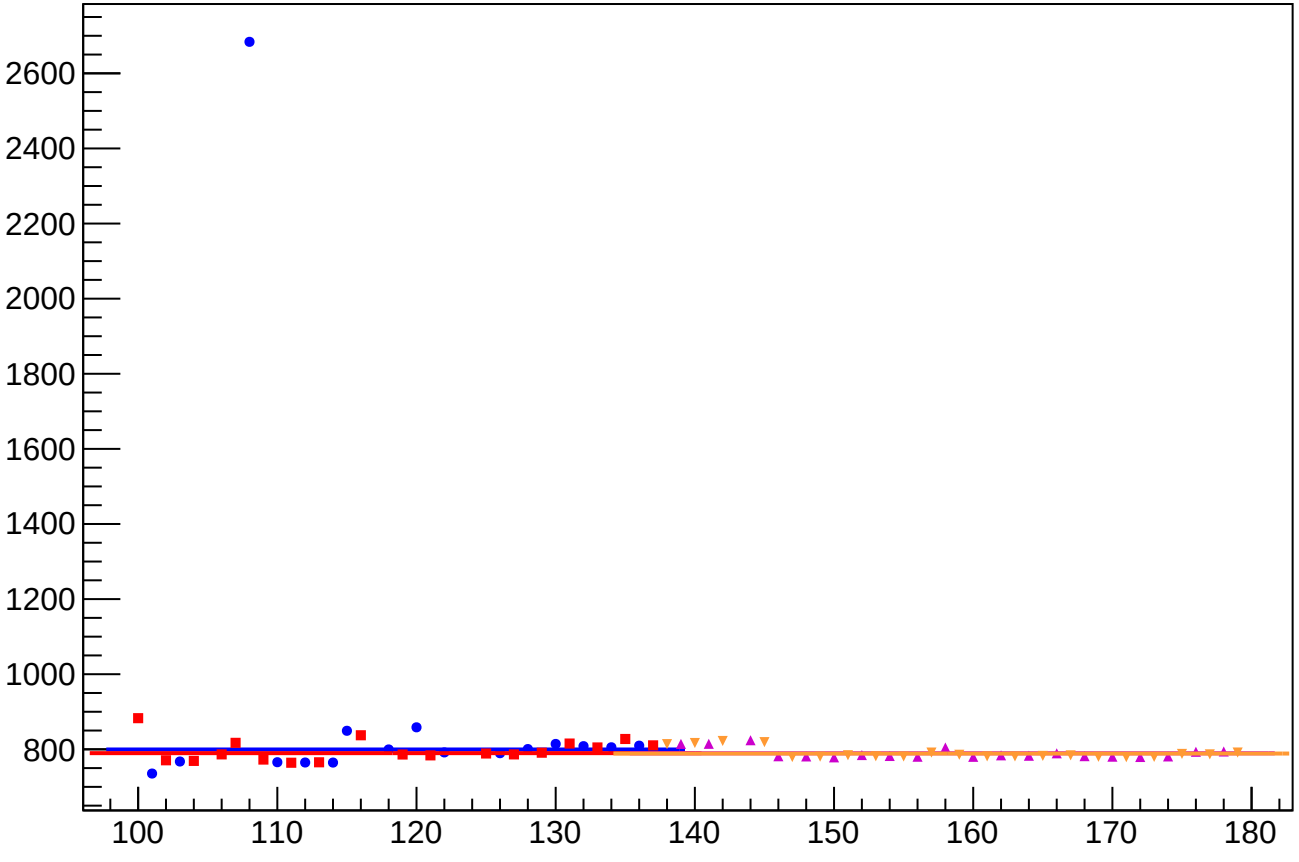
Right: -148.721+/-216.034 χ^2/NDF: 21.5/33

In: -316.447+/-168.013 χ^2/NDF:29.2/35

Out: -143.809+/-164.515 χ^2/NDF:32.8/38

All: -228.312+/-117.547 χ^2/NDF: 62.5/74

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 788.726+/-0.139 χ^2/NDF:8745.5/20

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

Left In: 789.443+/-0.141 χ^2/NDF:9173.0/19

Left: 789.081+/-0.099 χ^2/NDF: 17931.5/40

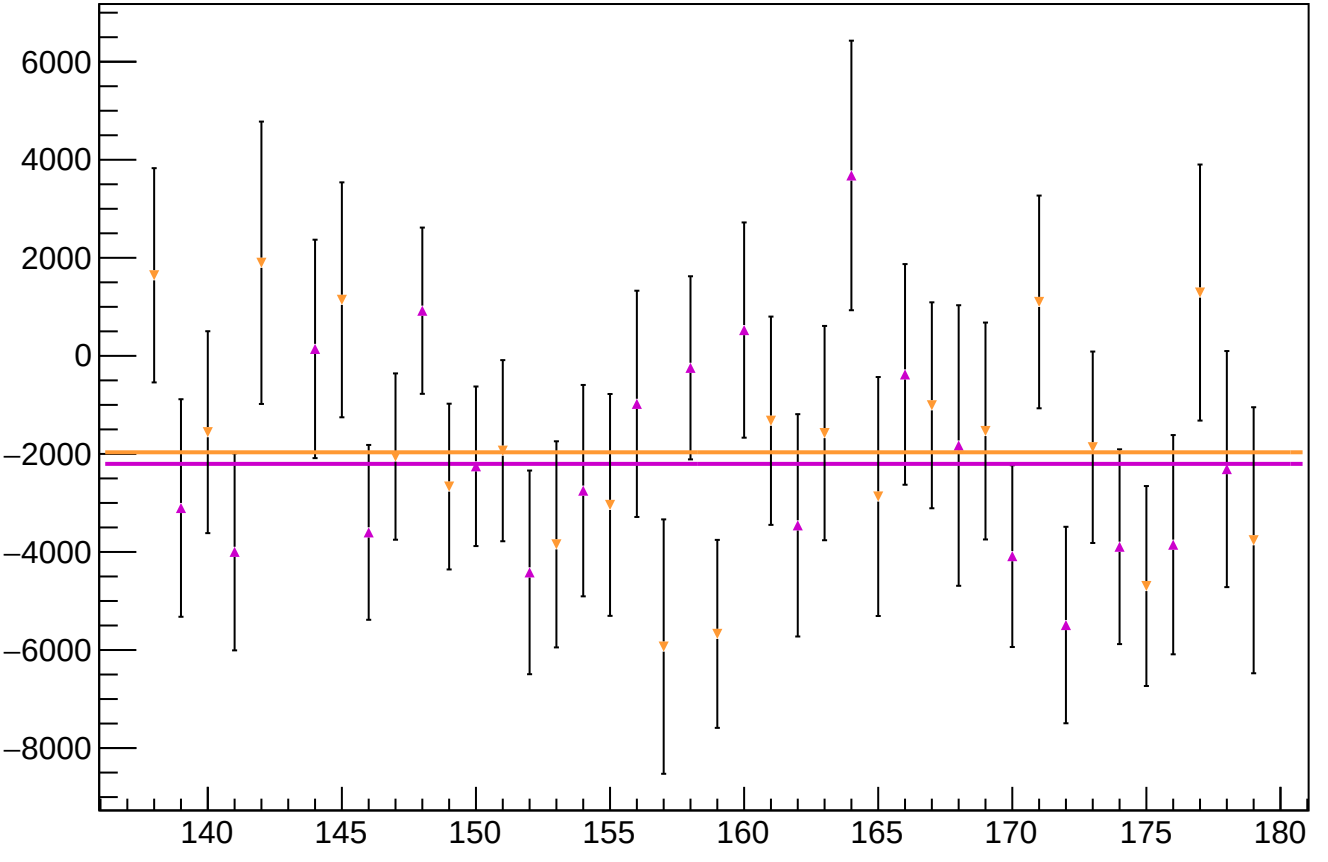
Right: 794.430+/-0.153 χ^2/NDF: 403375.5/33

In: 792.348+/-0.119 χ^2/NDF:401838.7/35

Out: 789.051+/-0.116 χ^2/NDF:19938.3/38

All: 790.665+/-0.083 χ^2/NDF: 422170.2/74

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1966.942+/-466.232 χ^2/NDF:19.8/20

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

Left In: -2203.097+/-464.588 χ^2/NDF:20.8/19

Left: -2085.437+/-329.093 χ^2/NDF: 40.7/40

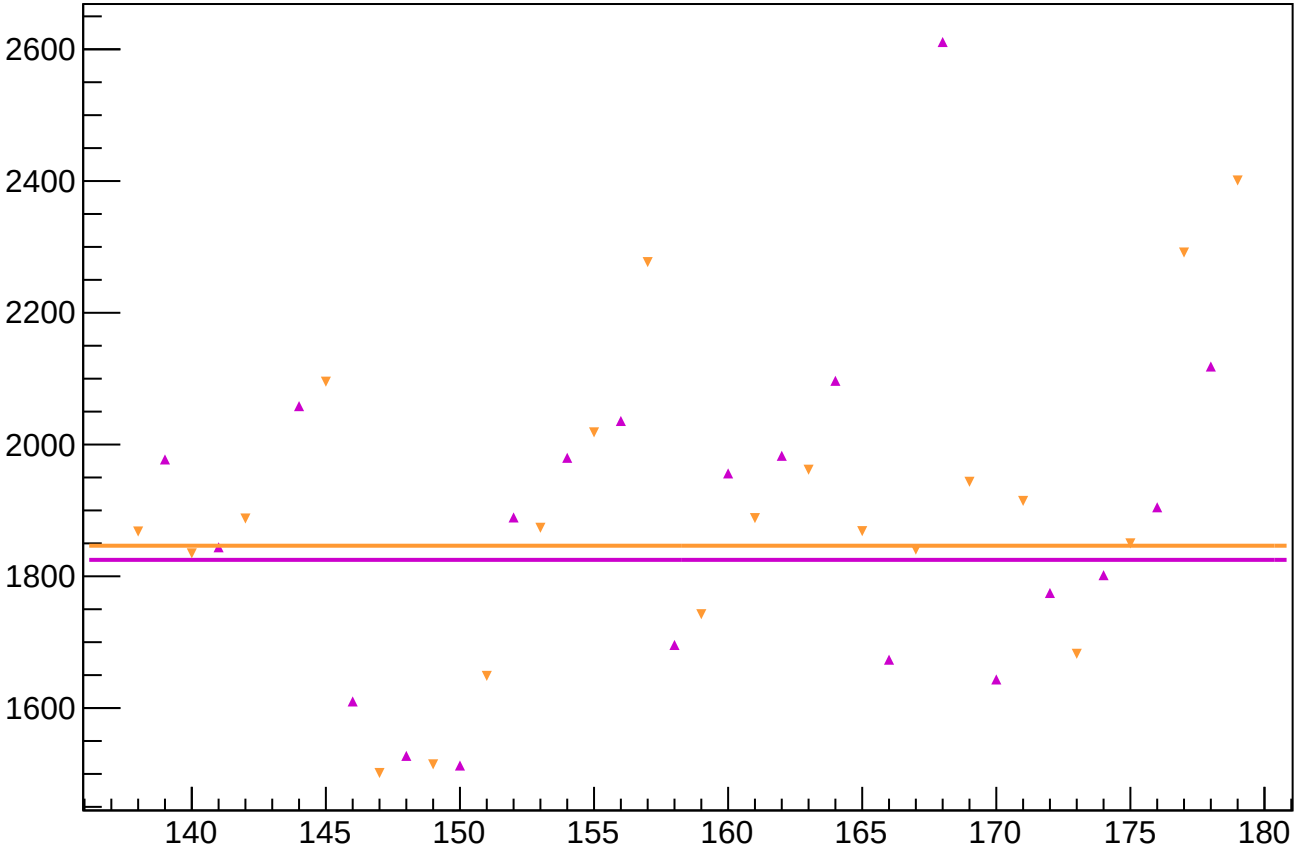
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2203.097+/-464.588 χ^2/NDF:20.8/19

Out: -1966.942+/-466.232 χ^2/NDF:19.8/20

All: -2085.437+/-329.093 χ^2/NDF: 40.7/40

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1846.431+/-0.330 χ^2/NDF:445875.6/20

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

Left In: 1824.952+/-0.329 χ^2/NDF:483675.5/19

Left: 1835.653+/-0.233 χ^2/NDF: 931681.0/40

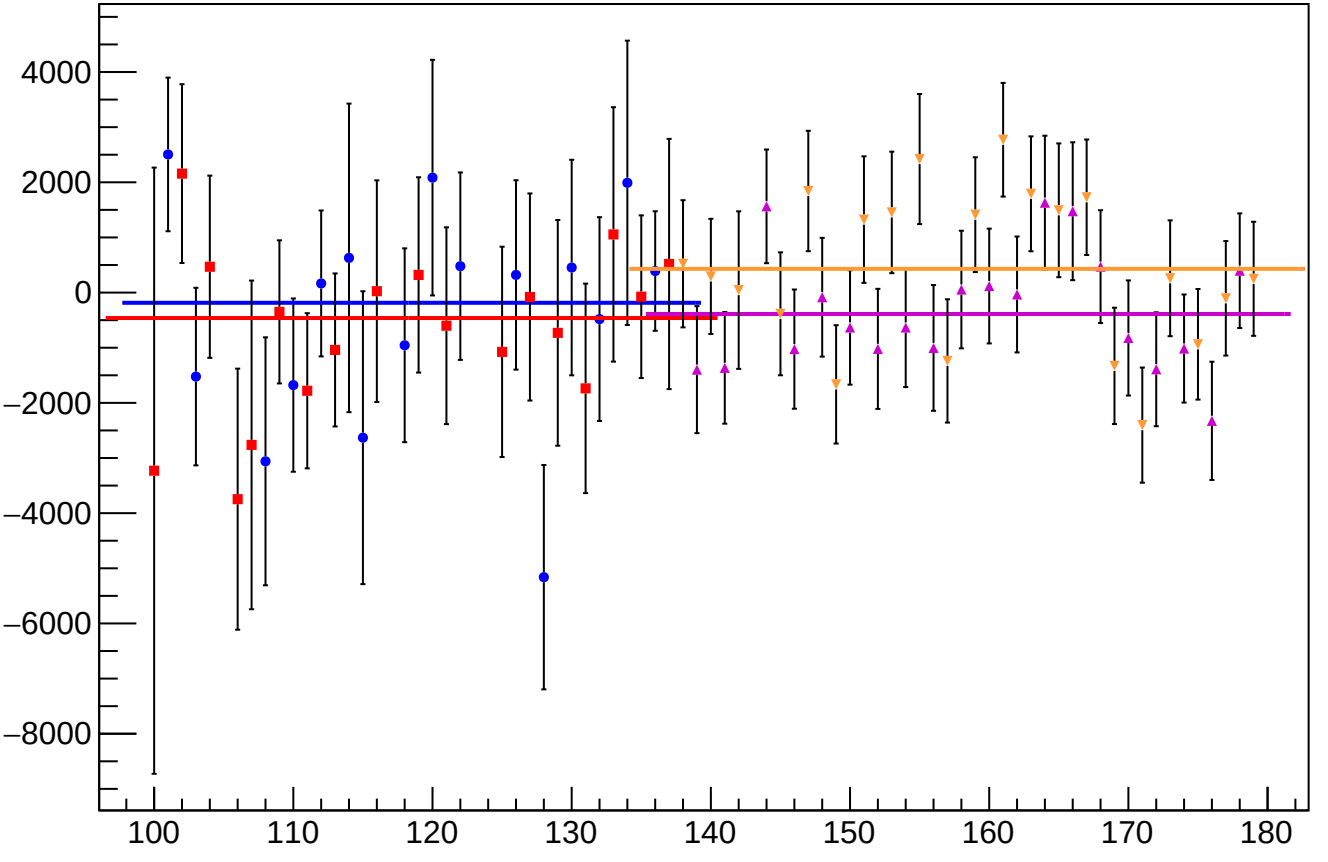
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1824.952+/-0.329 χ^2/NDF:483675.5/19

Out: 1846.431+/-0.330 χ^2/NDF:445875.6/20

All: 1835.653+/-0.233 χ^2/NDF: 931681.0/40

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 429.939+/-237.494 χ^2/NDF:35.1/20

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

Left In: -388.084+/-239.312 χ^2/NDF:18.0/19

Left: 24.048+/-168.573 χ^2/NDF: 59.0/40

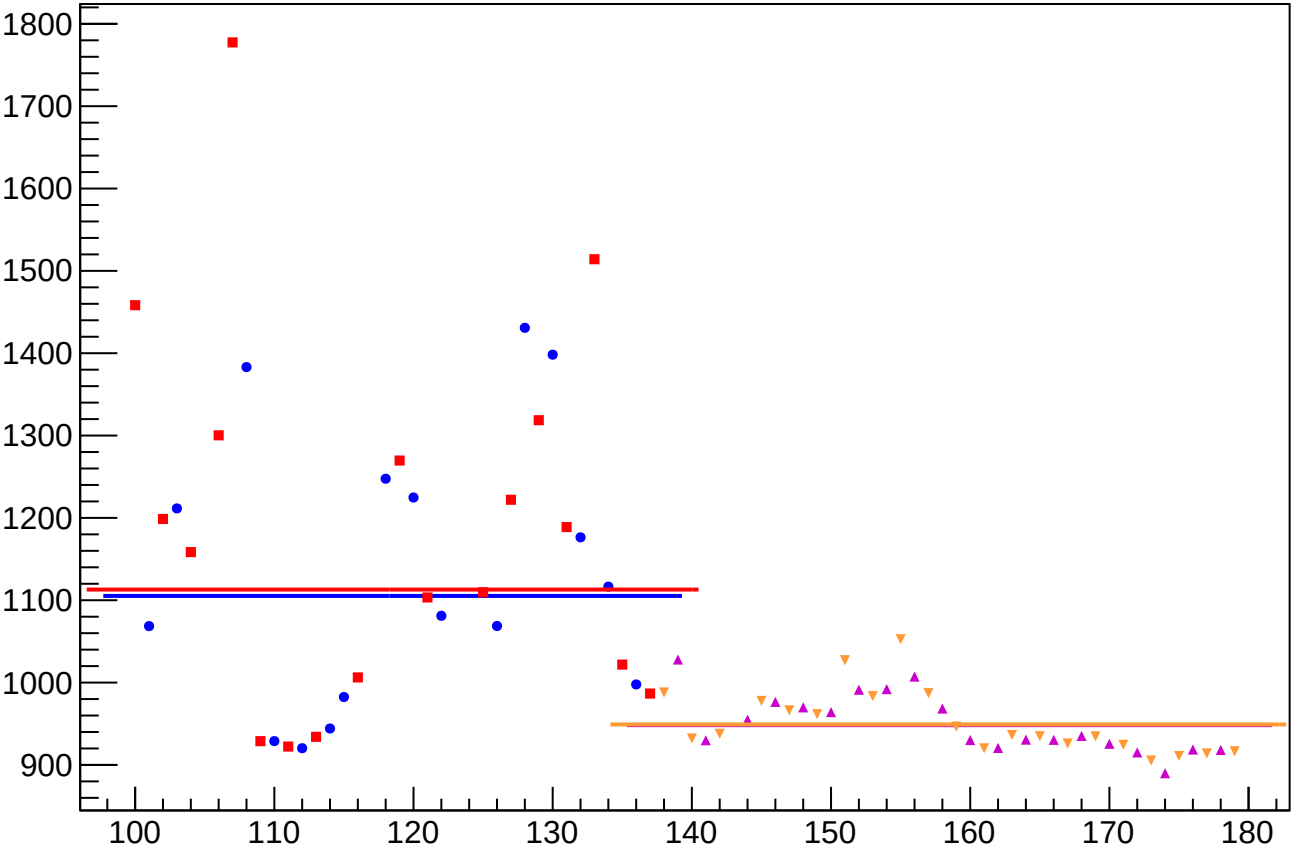
Right: -324.625+/-303.483 χ^2/NDF: 25.2/33

In: -340.324+/-209.280 χ^2/NDF:34.8/35

Out: 219.325+/-207.542 χ^2/NDF:46.7/38

All: -58.165+/-147.365 χ^2/NDF: 85.1/74

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 949.143+/-0.168 χ^2/NDF:49228.0/20

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

Left In: 948.270+/-0.169 χ^2/NDF:41884.0/19

Left: 948.710+/-0.119 χ^2/NDF: 91125.5/40

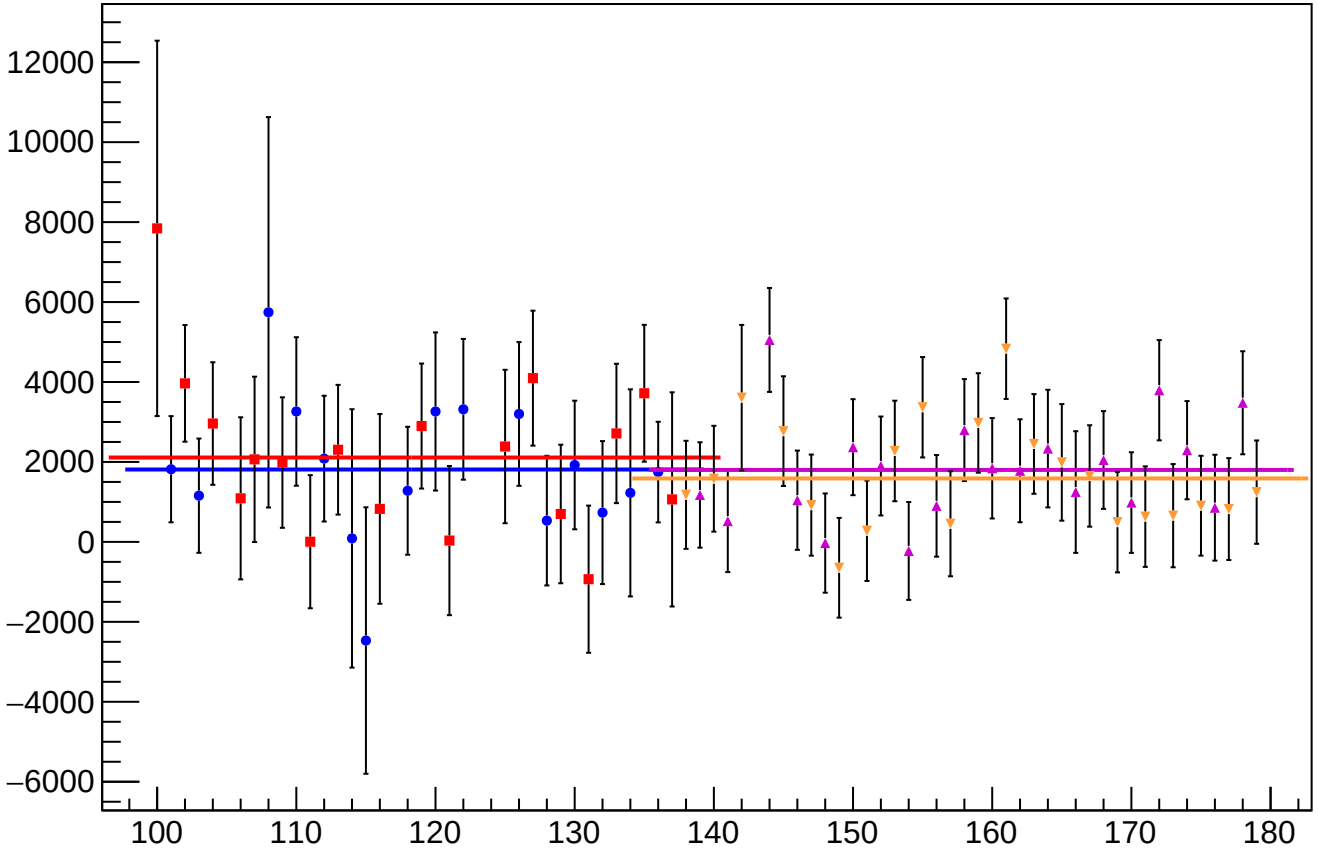
Right: 1109.146+/-0.215 χ^2/NDF: 618686.6/33

In: 985.194+/-0.148 χ^2/NDF:499652.0/35

Out: 987.861+/-0.147 χ^2/NDF:637145.7/38

All: 986.539+/-0.104 χ^2/NDF: 1136961.4/74

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1587.284+/-283.621 χ^2/NDF:20.7/20

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

Left In: 1800.431+/-285.976 χ^2/NDF:19.7/19

Left: 1692.976+/-201.378 χ^2/NDF: 40.8/40

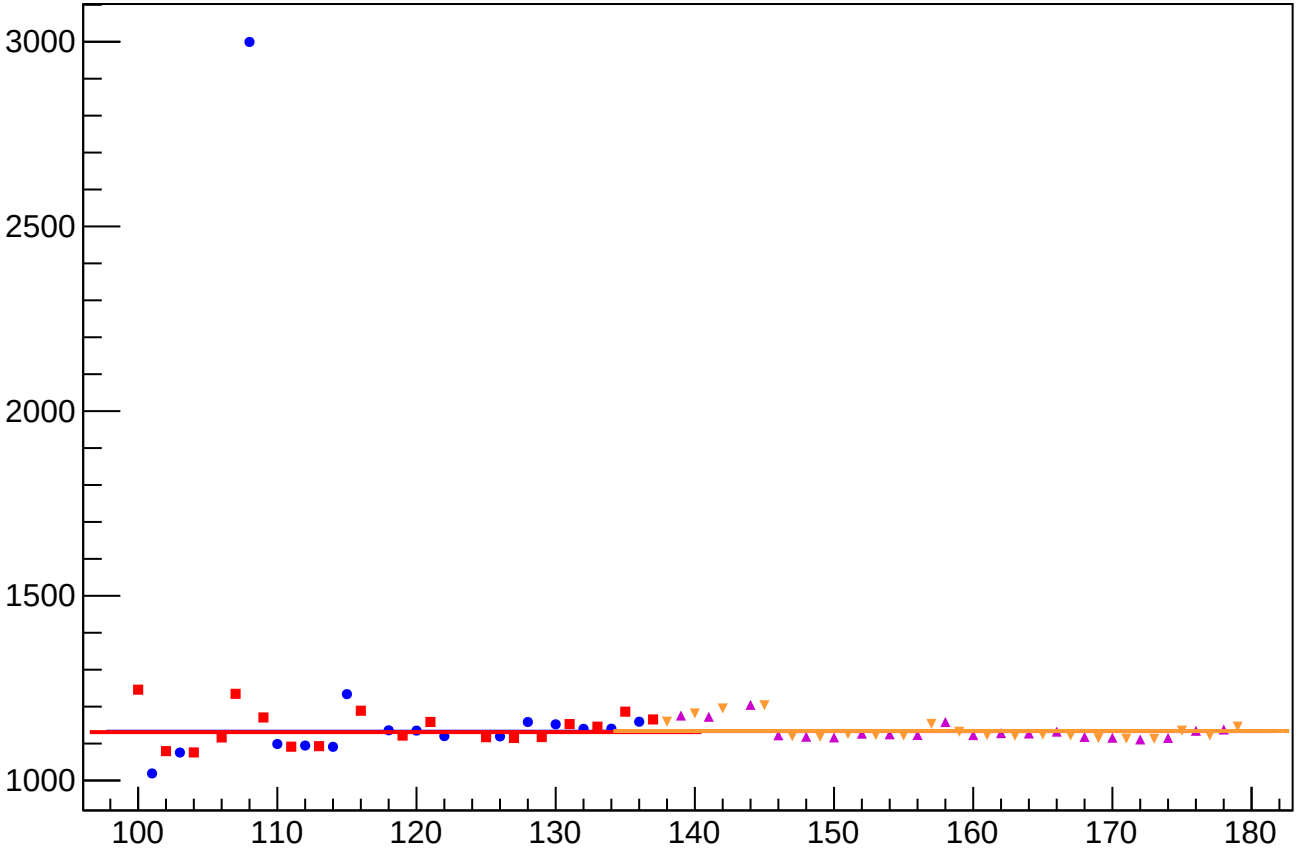
Right: 1966.016+/-307.400 χ^2/NDF: 19.7/33

In: 1803.564+/-240.126 χ^2/NDF:26.2/35

Out: 1747.257+/-236.368 χ^2/NDF:34.8/38

All: 1774.967+/-168.450 χ^2/NDF: 61.0/74

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1134.044+/-0.201 χ^2/NDF:14683.7/20

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

Left In: 1133.821+/-0.202 χ^2/NDF:13863.2/19

Left: 1133.933+/-0.142 χ^2/NDF: 28547.5/40

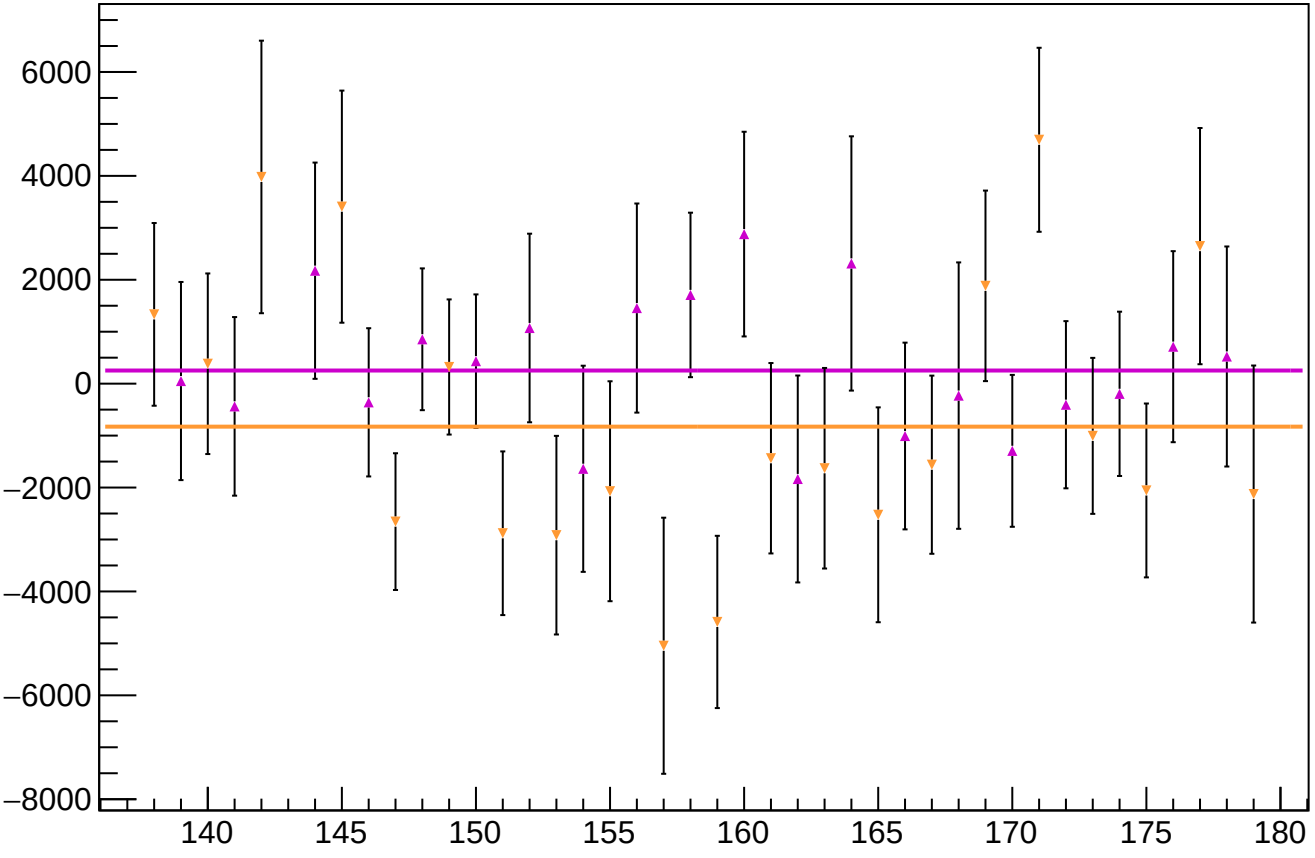
Right: 1131.528+/-0.217 χ^2/NDF: 335751.3/33

In: 1133.306+/-0.170 χ^2/NDF:329911.5/35

Out: 1133.119+/-0.167 χ^2/NDF:34472.4/38

All: 1133.211+/-0.119 χ^2/NDF: 364384.5/74

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -827.707+/-391.947 χ^2/NDF:39.2/20

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

Left In: 252.914+/-389.491 χ^2/NDF:9.3/19

Left: -284.001+/-276.276 χ^2/NDF: 52.3/40

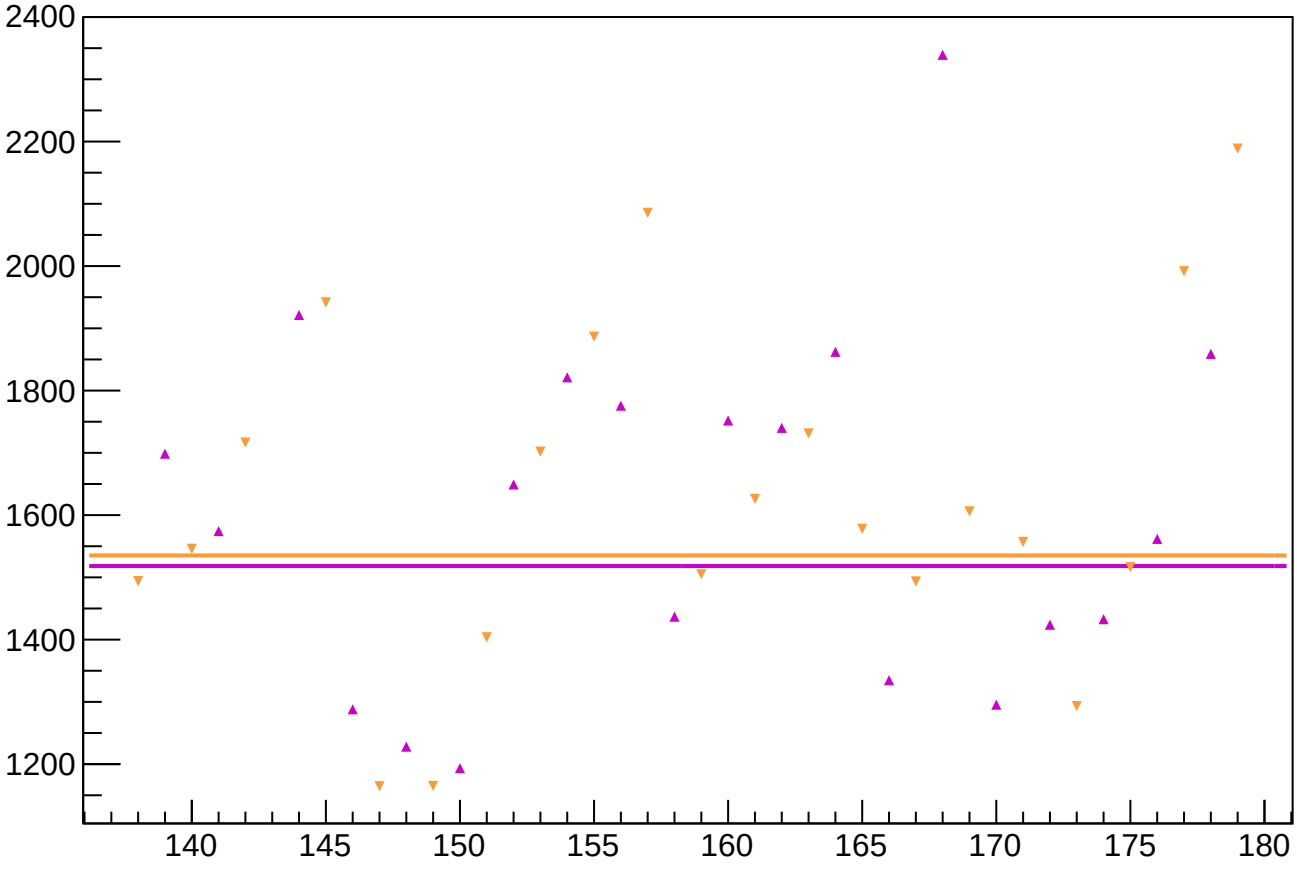
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 252.914+/-389.491 χ^2/NDF:9.3/19

Out: -827.707+/-391.947 χ^2/NDF:39.2/20

All: -284.001+/-276.276 χ^2/NDF: 52.3/40

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1535.257+/-0.277 χ^2/NDF:885485.8/20

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

Left In: 1518.210+/-0.275 χ^2/NDF:890694.4/19

Left: 1526.680+/-0.195 χ^2/NDF: 1778083.9/40

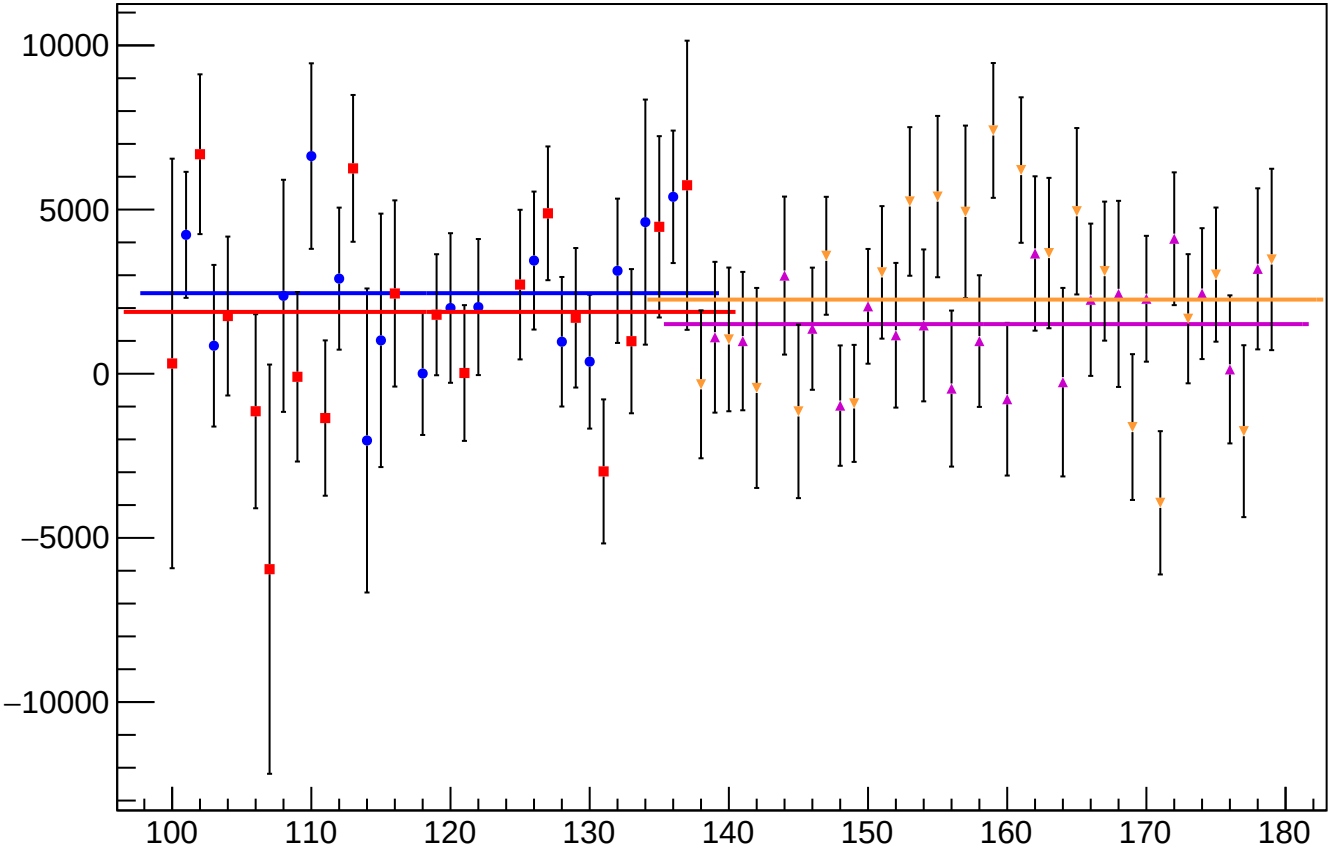
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1518.210+/-0.275 χ^2/NDF:890694.4/19

Out: 1535.257+/-0.277 χ^2/NDF:885485.8/20

All: 1526.680+/-0.195 χ^2/NDF: 1778083.9/40

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2258.356+/-486.151 χ^2/NDF:37.4/20

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

Left In: 1511.390+/-485.124 χ^2/NDF:8.4/19

Left: 1884.084+/-343.397 χ^2/NDF: 47.0/40

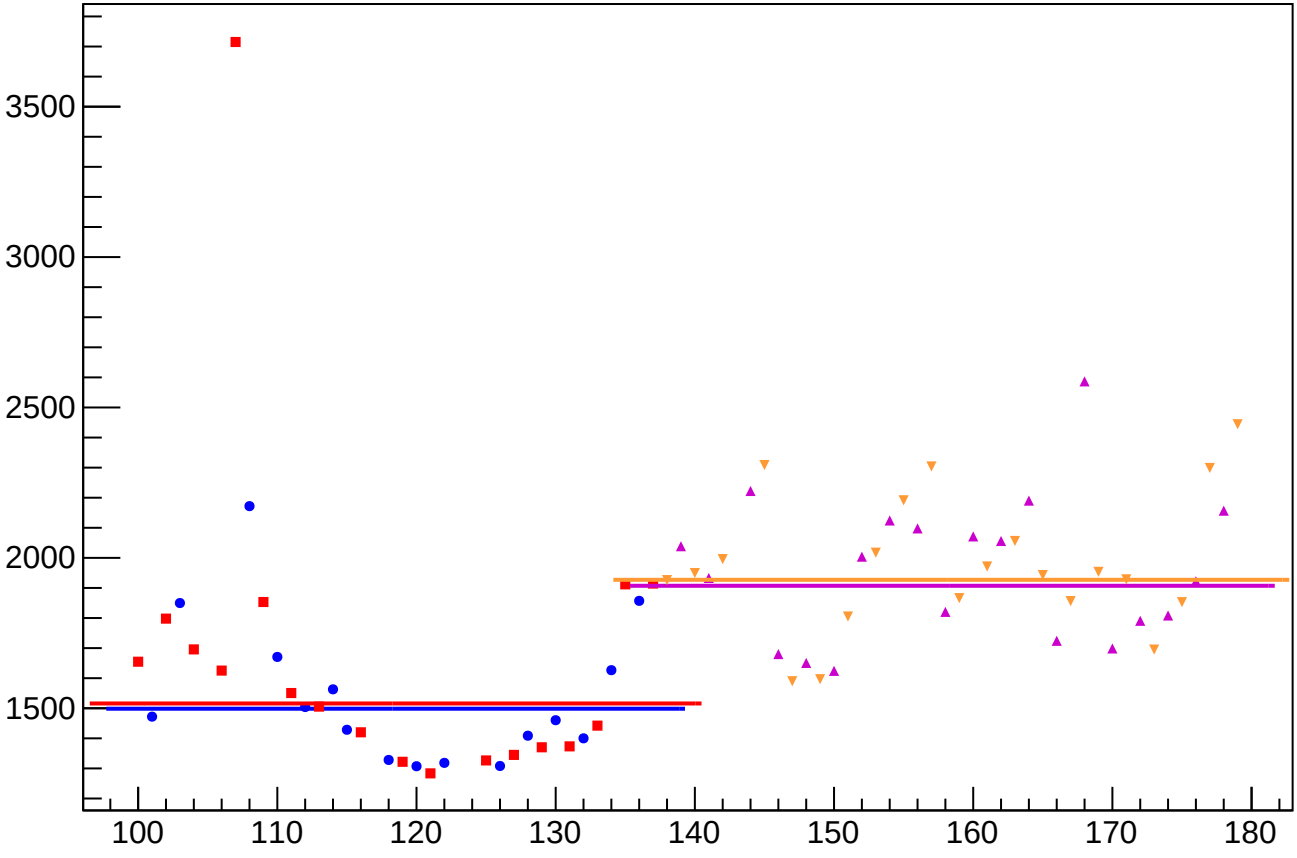
Right: 2167.665+/-412.771 χ^2/NDF: 34.0/33

In: 1895.886+/-373.247 χ^2/NDF:20.7/35

Out: 2104.361+/-373.421 χ^2/NDF:60.3/38

All: 2000.075+/-263.987 χ^2/NDF: 81.2/74

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1927.062+/-0.344 χ^2/NDF:409445.4/20

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

Left In: 1907.212+/-0.343 χ^2/NDF:421437.4/19

Left: 1917.116+/-0.243 χ^2/NDF: 832553.3/40

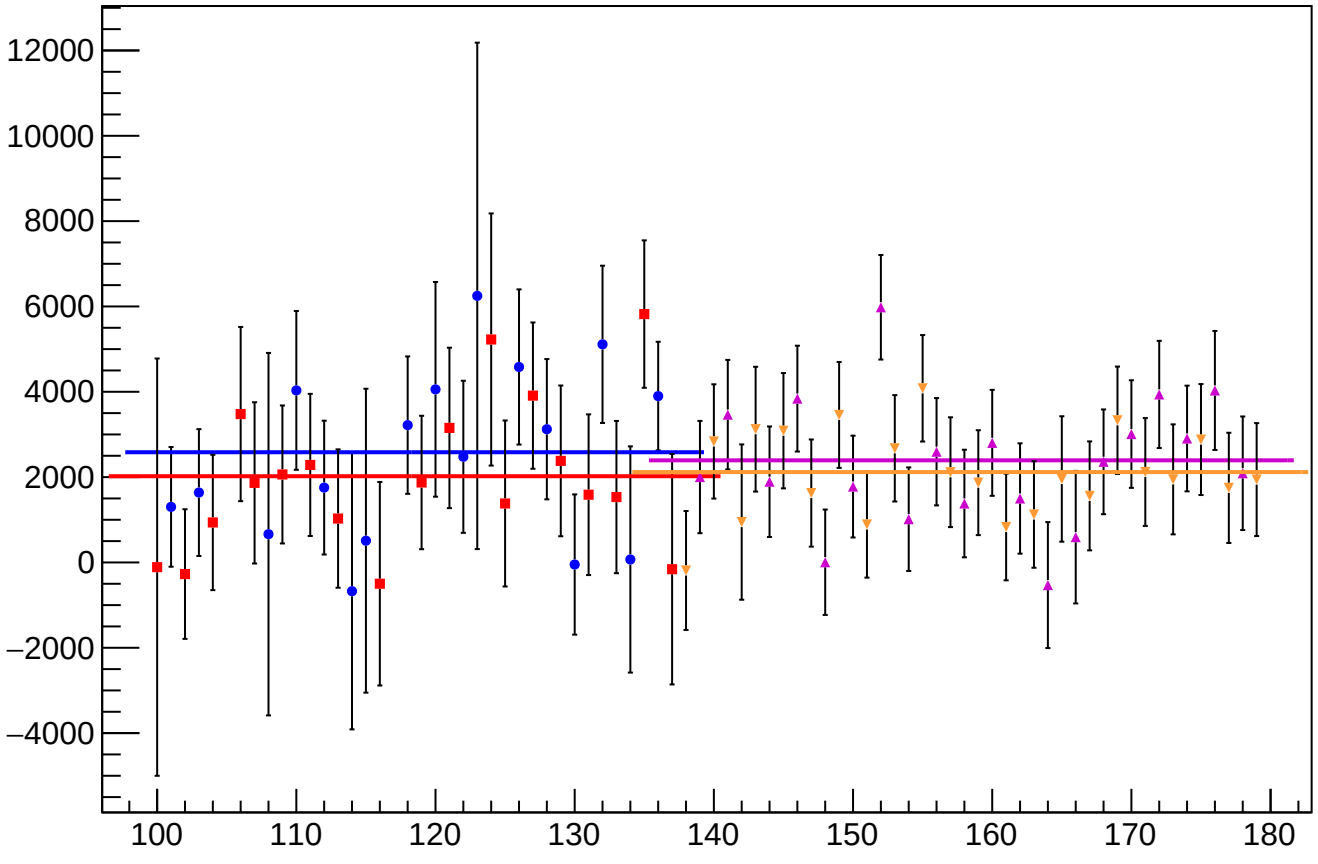
Right: 1507.233+/-0.292 χ^2/NDF: 740243.9/33

In: 1740.432+/-0.264 χ^2/NDF:1259543.3/35

Out: 1758.507+/-0.264 χ^2/NDF:1476381.4/38

All: 1749.465+/-0.187 χ^2/NDF: 2738268.8/74

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2117.737+/-279.007 χ^2/NDF:12.7/21

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

Left In: 2393.501+/-286.630 χ^2/NDF:26.0/19

Left: 2251.903+/-199.928 χ^2/NDF: 39.2/41

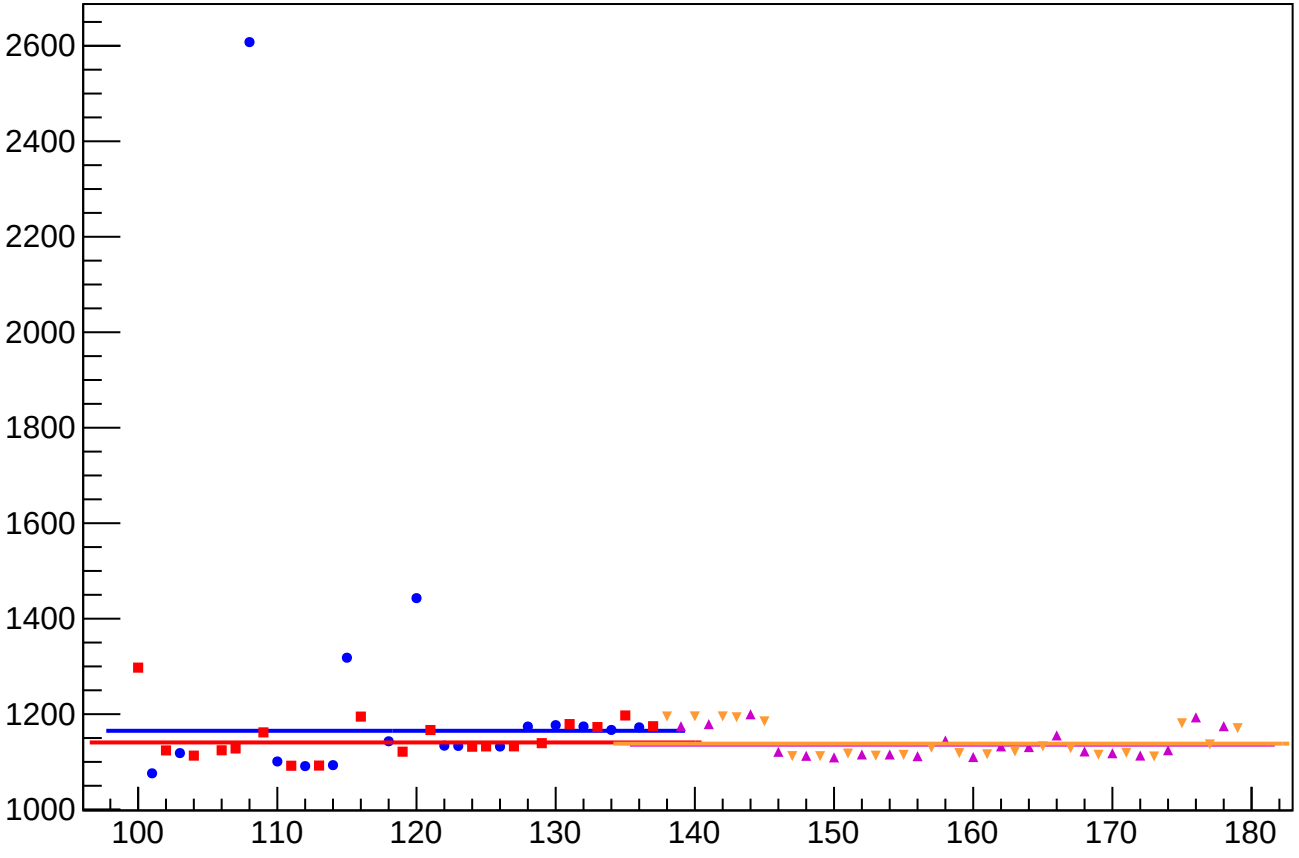
Right: 2284.984+/-310.688 χ^2/NDF: 26.6/35

In: 2447.642+/-242.246 χ^2/NDF:38.5/36

Out: 2088.690+/-233.527 χ^2/NDF:26.3/40

All: 2261.590+/-168.126 χ^2/NDF: 65.9/77

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1138.195+/-0.197 χ^2/NDF:25083.5/21

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

Left In: 1136.168+/-0.203 χ^2/NDF:20554.3/19

Left: 1137.209+/-0.141 χ^2/NDF: 45689.1/41

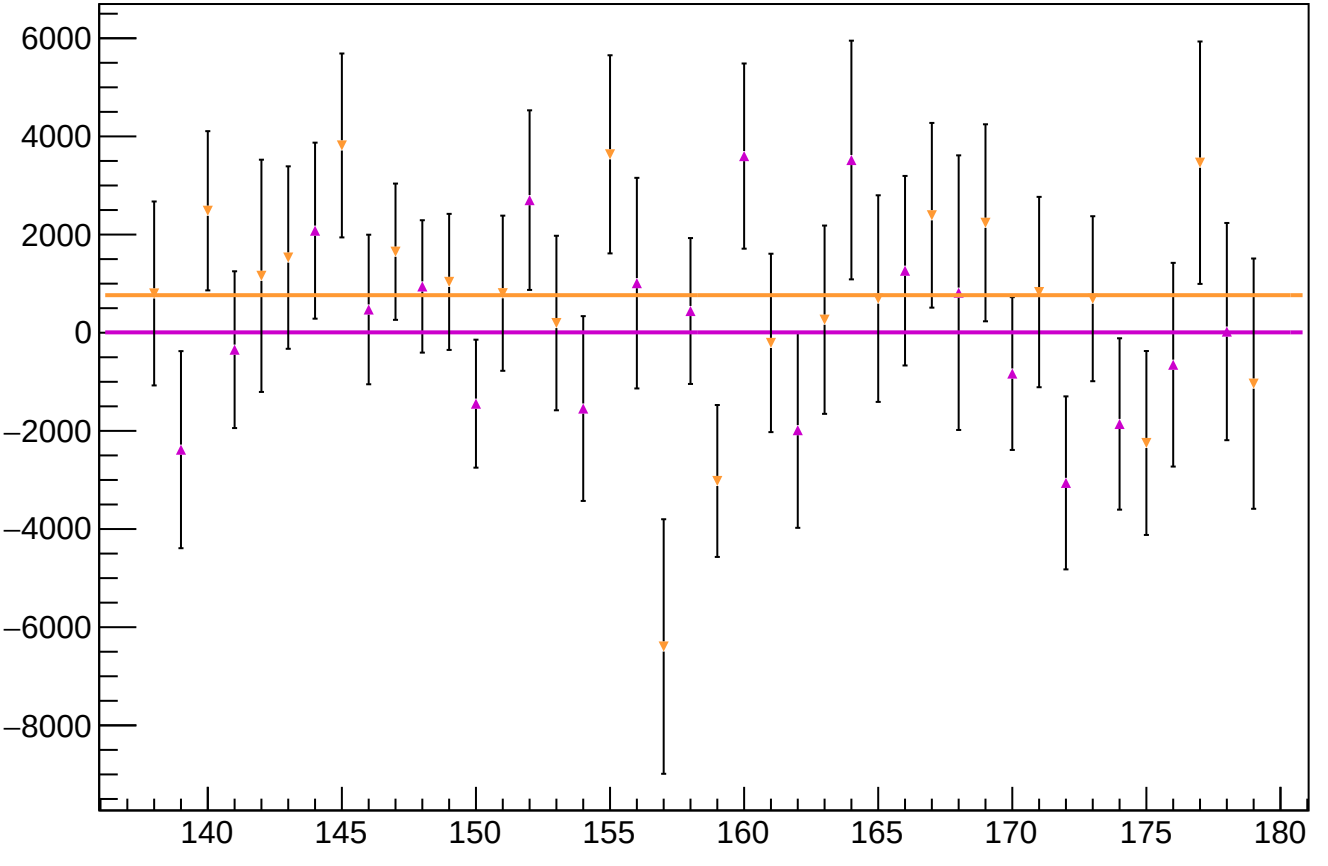
Right: 1152.217+/-0.220 χ^2/NDF: 294359.2/35

In: 1144.447+/-0.171 χ^2/NDF:304965.4/36

Out: 1138.961+/-0.165 χ^2/NDF:37851.4/40

All: 1141.604+/-0.119 χ^2/NDF: 343348.5/77

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 765.084+/-391.090 χ^2/NDF:26.1/21

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

Left In: 7.344+/-396.291 χ^2/NDF:19.6/19

Left: 391.219+/-278.363 χ^2/NDF: 47.5/41

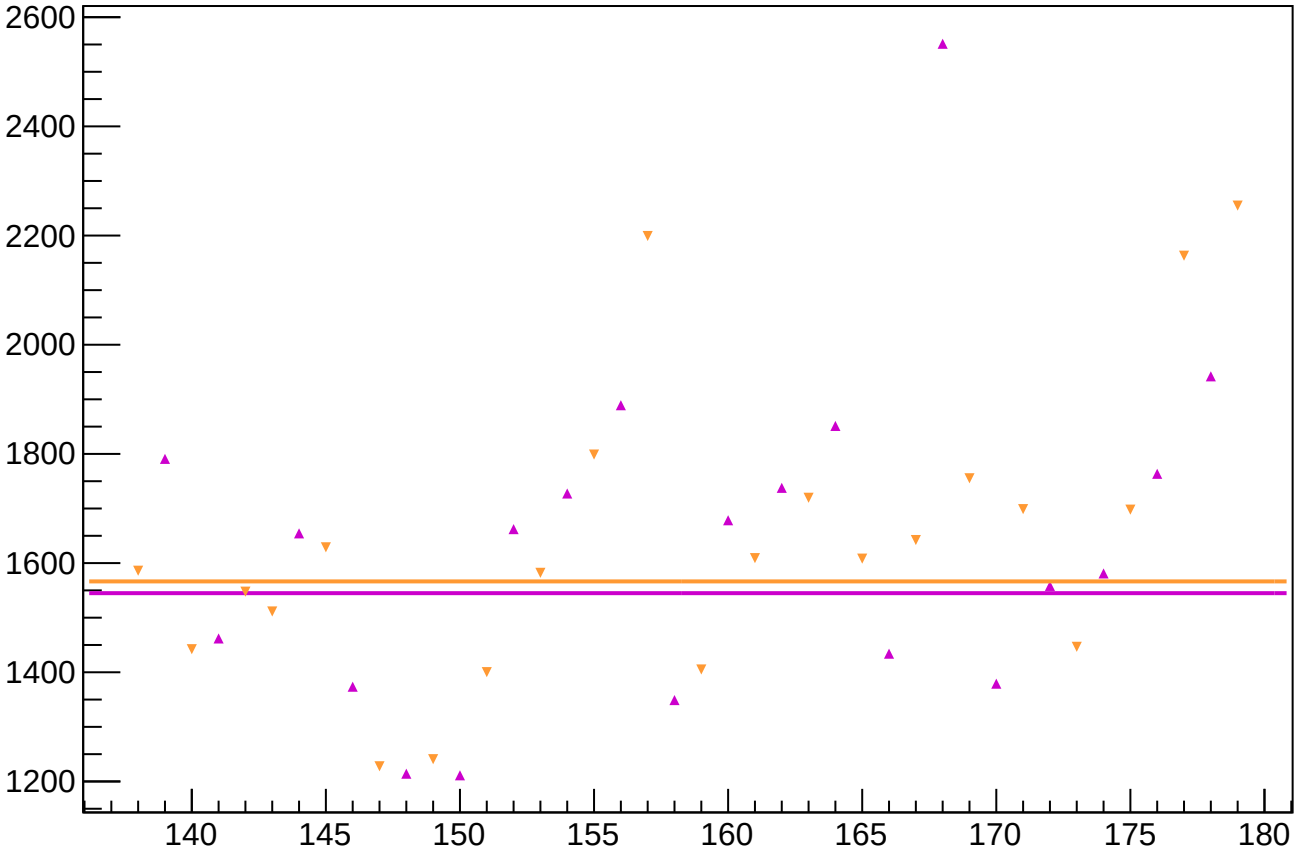
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.344+/-396.291 χ^2/NDF:19.6/19

Out: 765.084+/-391.090 χ^2/NDF:26.1/21

All: 391.219+/-278.363 χ^2/NDF: 47.5/41

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1566.462+/-0.277 χ^2/NDF:762462.4/21

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

Left In: 1544.914+/-0.280 χ^2/NDF:868867.3/19

Left: 1555.830+/-0.197 χ^2/NDF: 1634325.1/41

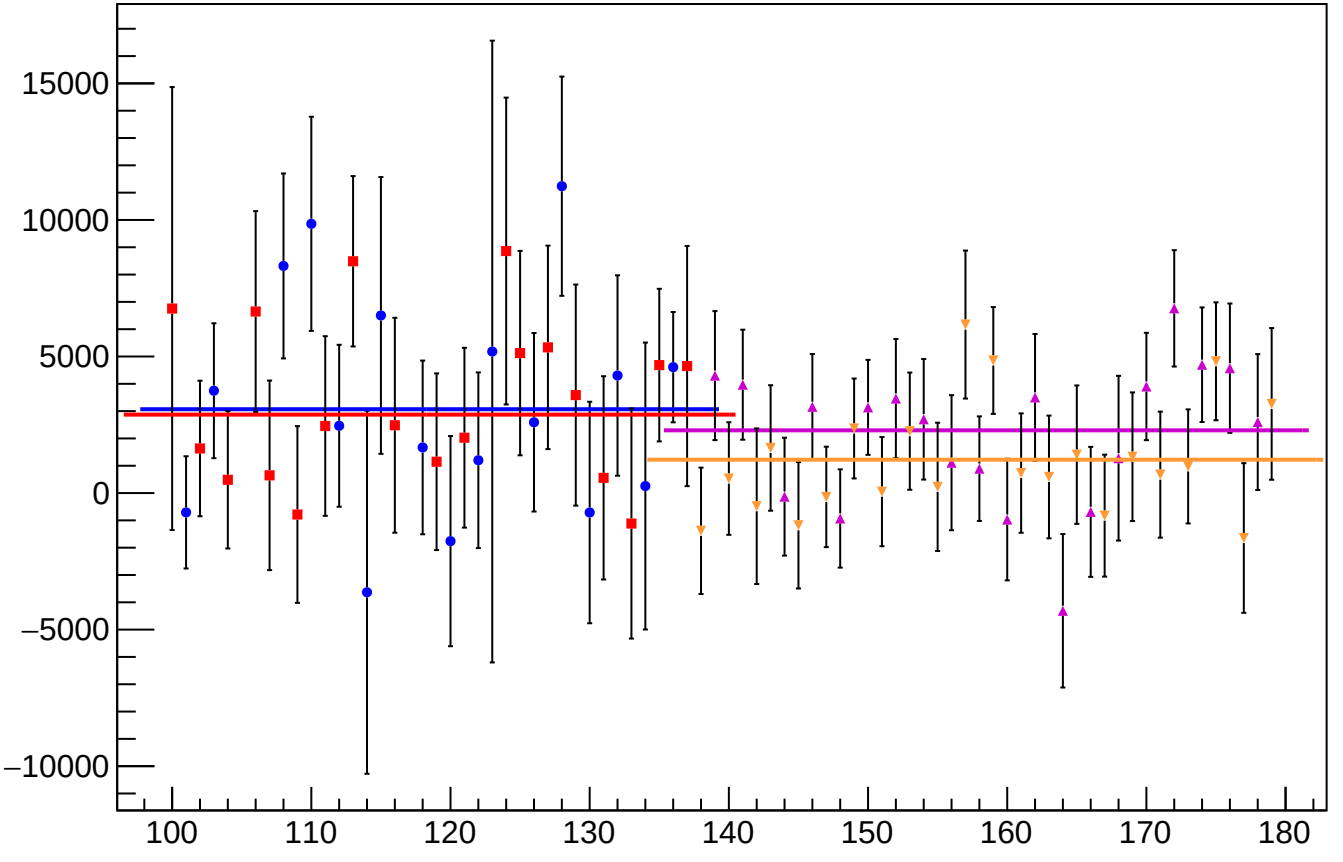
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1544.914+/-0.280 χ^2/NDF:868867.3/19

Out: 1566.462+/-0.277 χ^2/NDF:762462.4/21

All: 1555.830+/-0.197 χ^2/NDF: 1634325.1/41

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1221.247+/-476.659 χ^2/NDF:16.8/21

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

Left In: 2297.301+/-485.258 χ^2/NDF:24.4/19

Left: 1749.655+/-340.048 χ^2/NDF: 43.7/41

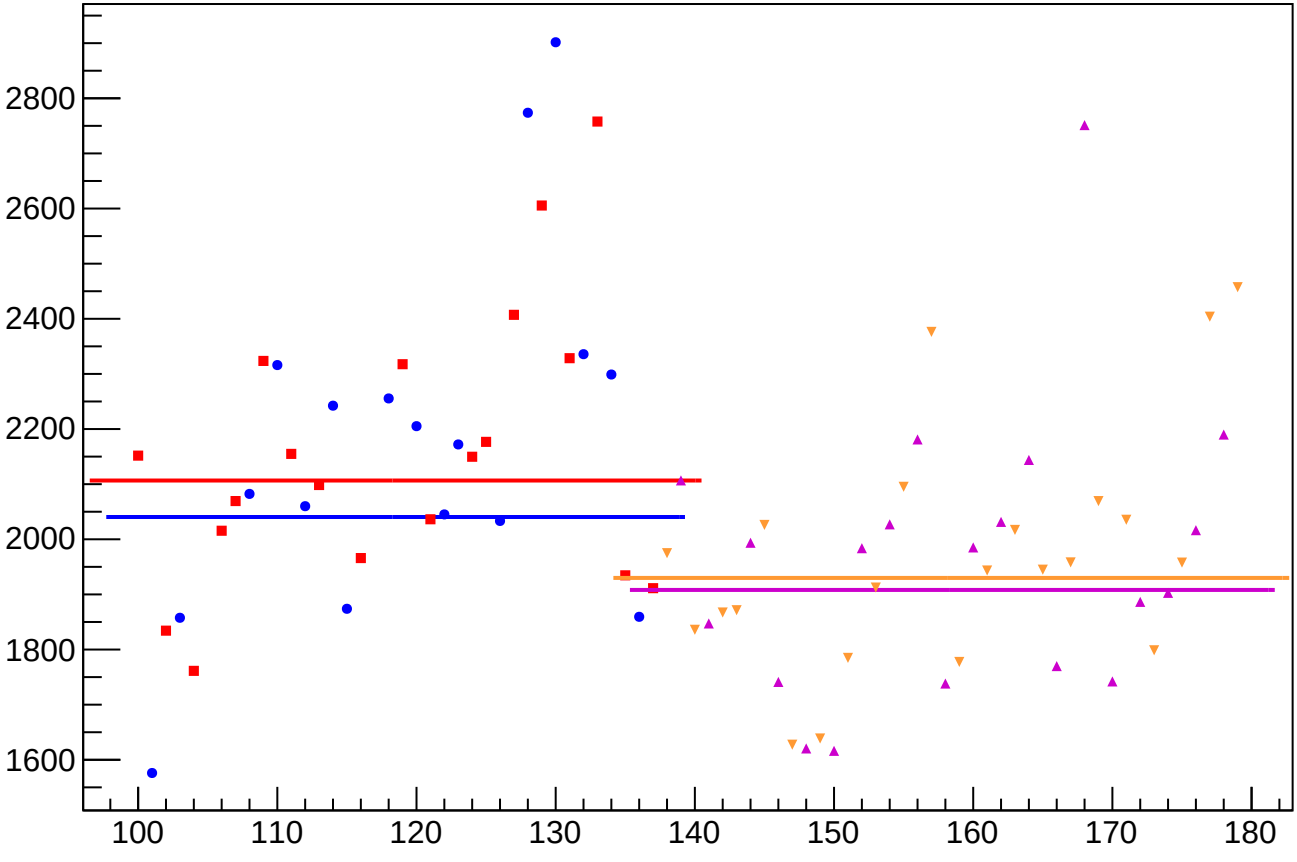
Right: 2970.754+/-563.242 χ^2/NDF: 30.1/35

In: 2505.854+/-414.581 χ^2/NDF:43.6/36

Out: 1657.629+/-408.857 χ^2/NDF:31.6/40

All: 2075.845+/-291.108 χ^2/NDF: 77.2/77

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1929.930+/-0.337 χ^2/NDF:357291.1/21

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

Left In: 1908.136+/-0.343 χ^2/NDF:419400.8/19

Left: 1919.228+/-0.240 χ^2/NDF: 778745.0/41

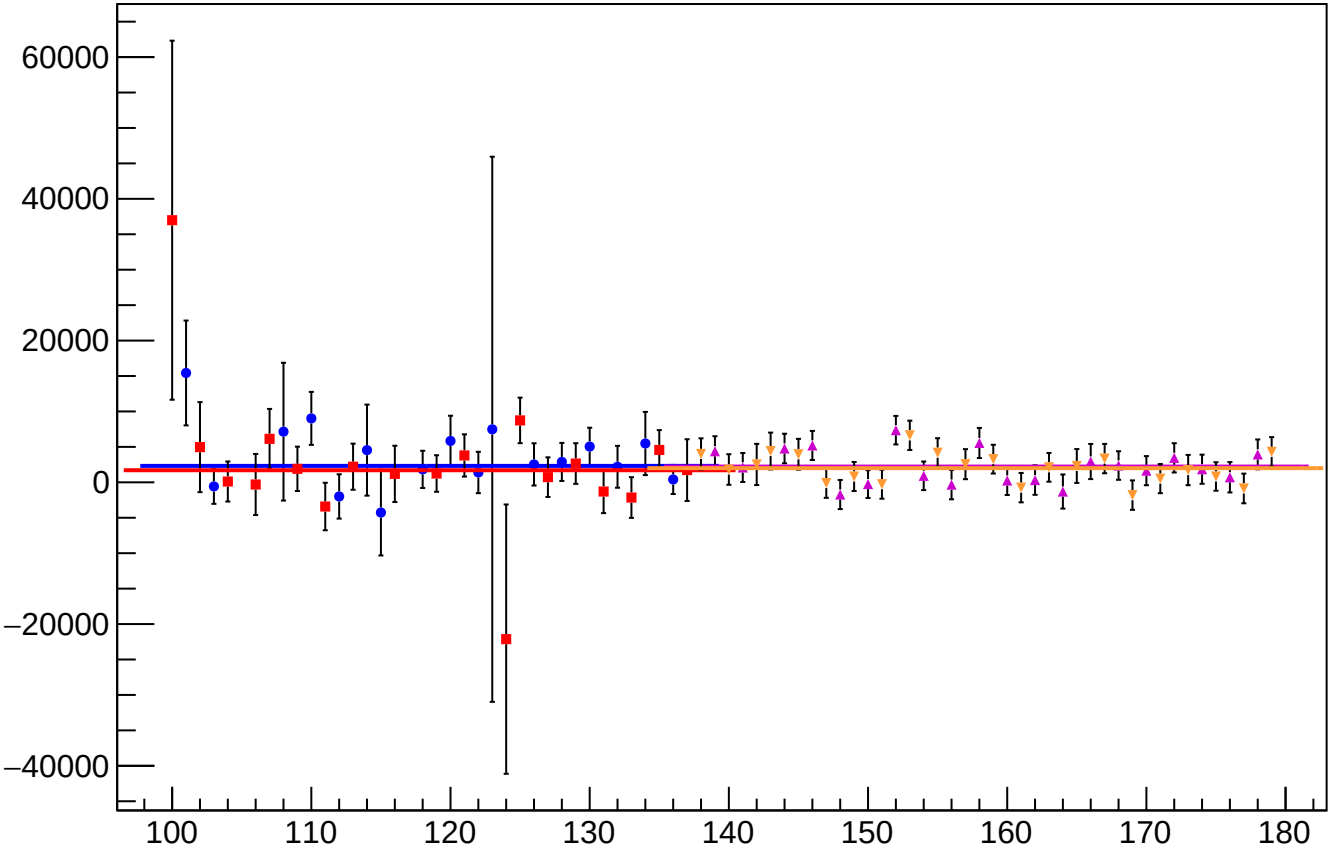
Right: 2073.628+/-0.398 χ^2/NDF: 533659.8/35

In: 1943.867+/-0.293 χ^2/NDF:790890.3/36

Out: 1976.622+/-0.289 χ^2/NDF:625329.8/40

All: 1960.473+/-0.206 χ^2/NDF: 1422549.0/77

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1997.673+/-455.524 χ^2/NDF:21.3/21

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

Left In: 2224.997+/-467.481 χ^2/NDF:26.4/19

Left: 2108.391+/-326.249 χ^2/NDF: 47.8/41

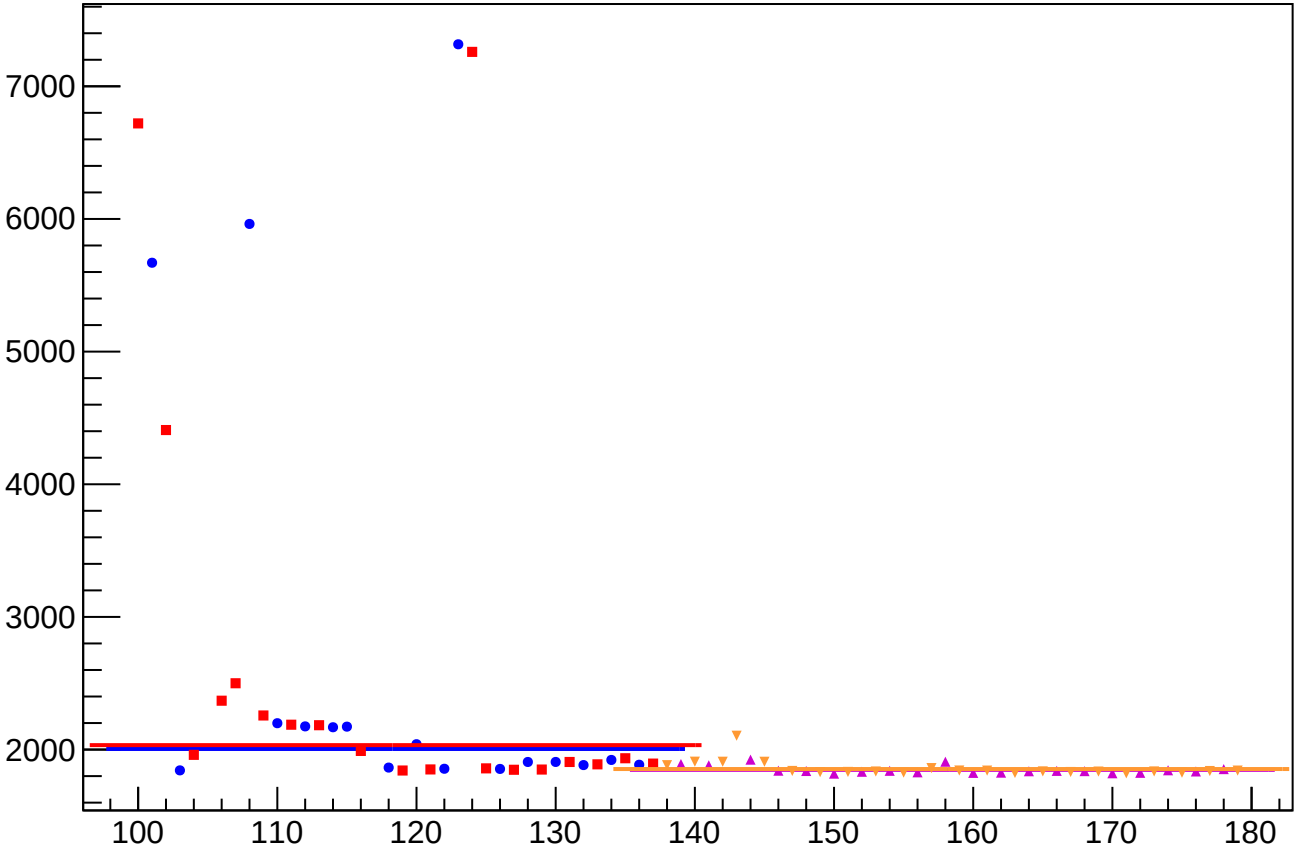
Right: 2005.073+/-560.015 χ^2/NDF: 32.3/35

In: 2248.871+/-403.806 χ^2/NDF:41.2/36

Out: 1923.772+/-393.721 χ^2/NDF:38.5/40

All: 2082.211+/-281.901 χ^2/NDF: 80.1/77

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1853.320+/-0.322 χ^2/NDF:25640.7/21

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

Left In: 1847.098+/-0.331 χ^2/NDF:7732.0/19

Left: 1850.290+/-0.231 χ^2/NDF: 33554.4/41

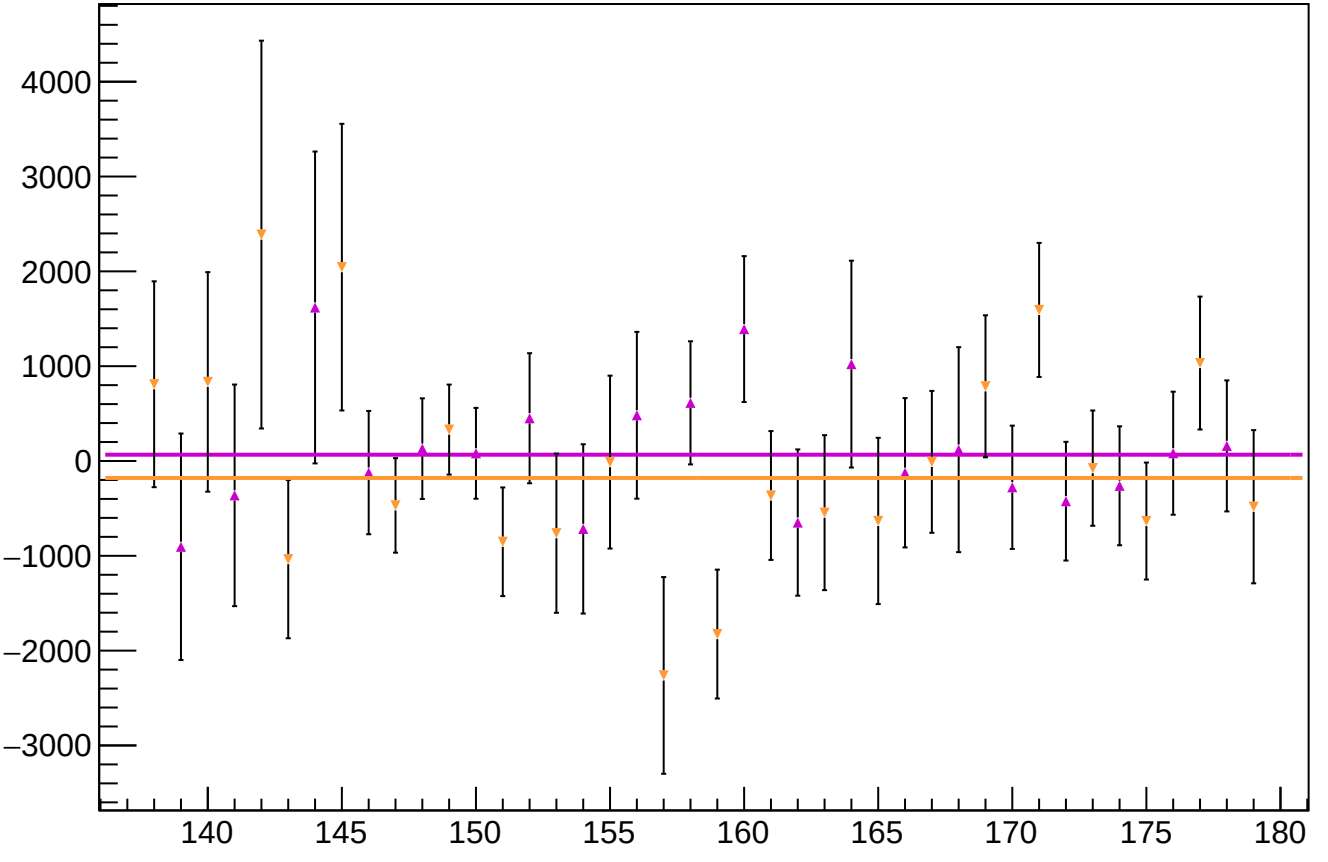
Right: 2019.360+/-0.396 χ^2/NDF: 1528357.7/35

In: 1887.070+/-0.286 χ^2/NDF:981342.7/36

Out: 1898.893+/-0.278 χ^2/NDF:715790.8/40

All: 1893.131+/-0.199 χ^2/NDF: 1698012.4/77

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -178.913+/-157.380 χ^2/NDF:31.9/21

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

Left In: 66.470+/-162.789 χ^2/NDF:9.6/19

Left: -60.365+/-113.148 χ^2/NDF: 42.7/41

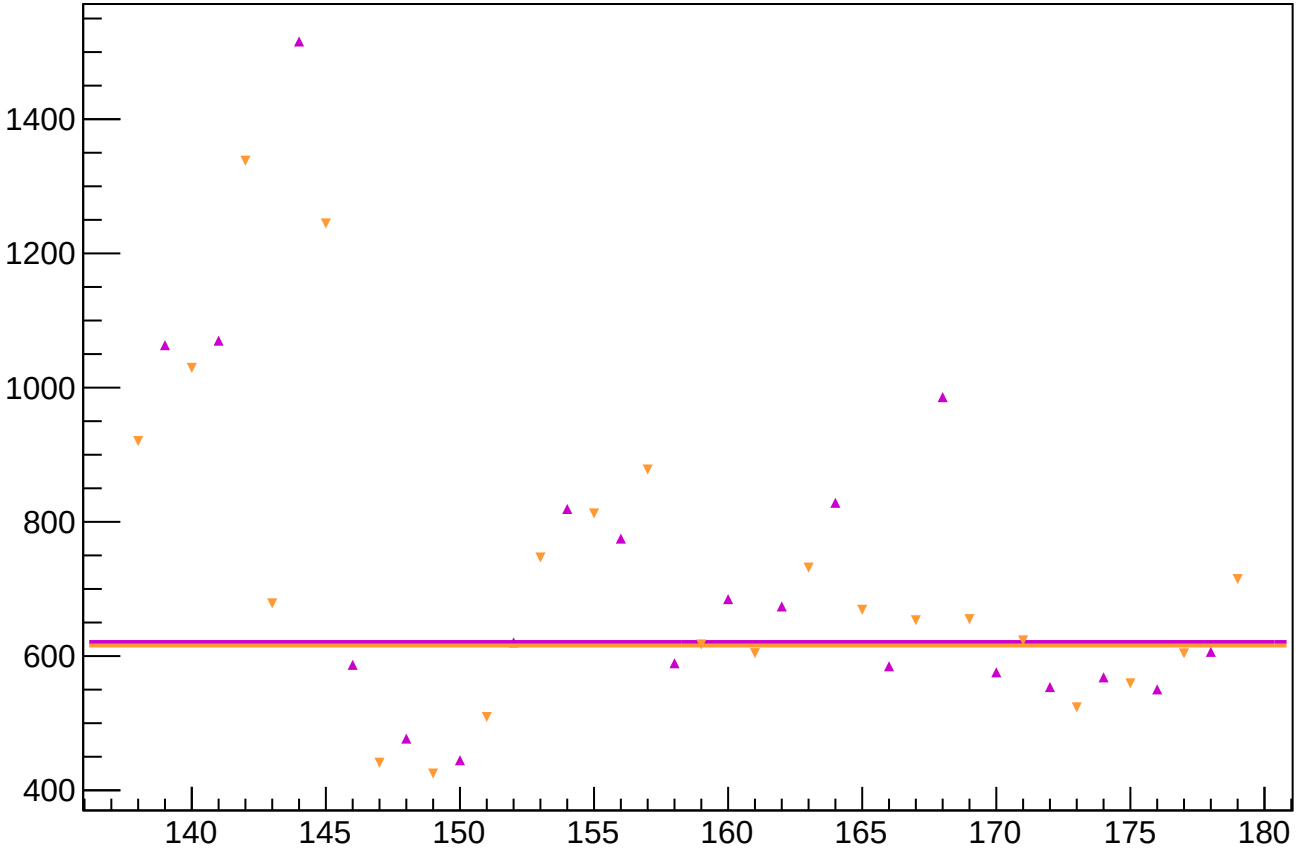
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 66.470+/-162.789 χ^2/NDF:9.6/19

Out: -178.913+/-157.380 χ^2/NDF:31.9/21

All: -60.365+/-113.148 χ^2/NDF: 42.7/41

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 615.768+/-0.111 χ^2/NDF:2080133.2/21

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

Left In: 620.909+/-0.115 χ^2/NDF:2148645.3/19

Left: 618.252+/-0.080 χ^2/NDF: 4229809.8/41

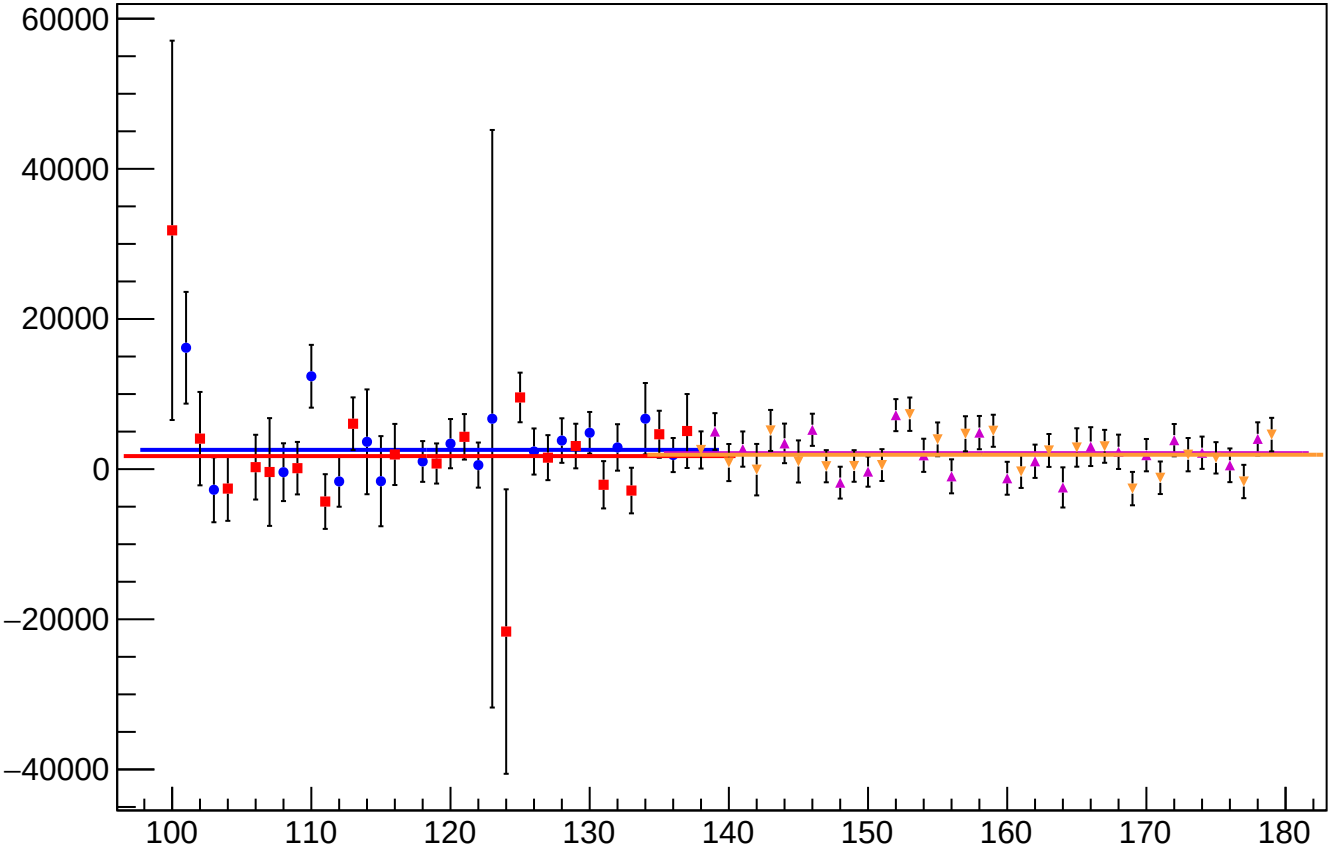
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 620.909+/-0.115 χ^2/NDF:2148645.3/19

Out: 615.768+/-0.111 χ^2/NDF:2080133.2/21

All: 618.252+/-0.080 χ^2/NDF: 4229809.8/41

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1918.811+/-489.778 χ^2/NDF:25.6/21

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

Left In: 2125.920+/-503.423 χ^2/NDF:25.3/19

Left: 2019.521+/-351.050 χ^2/NDF: 50.9/41

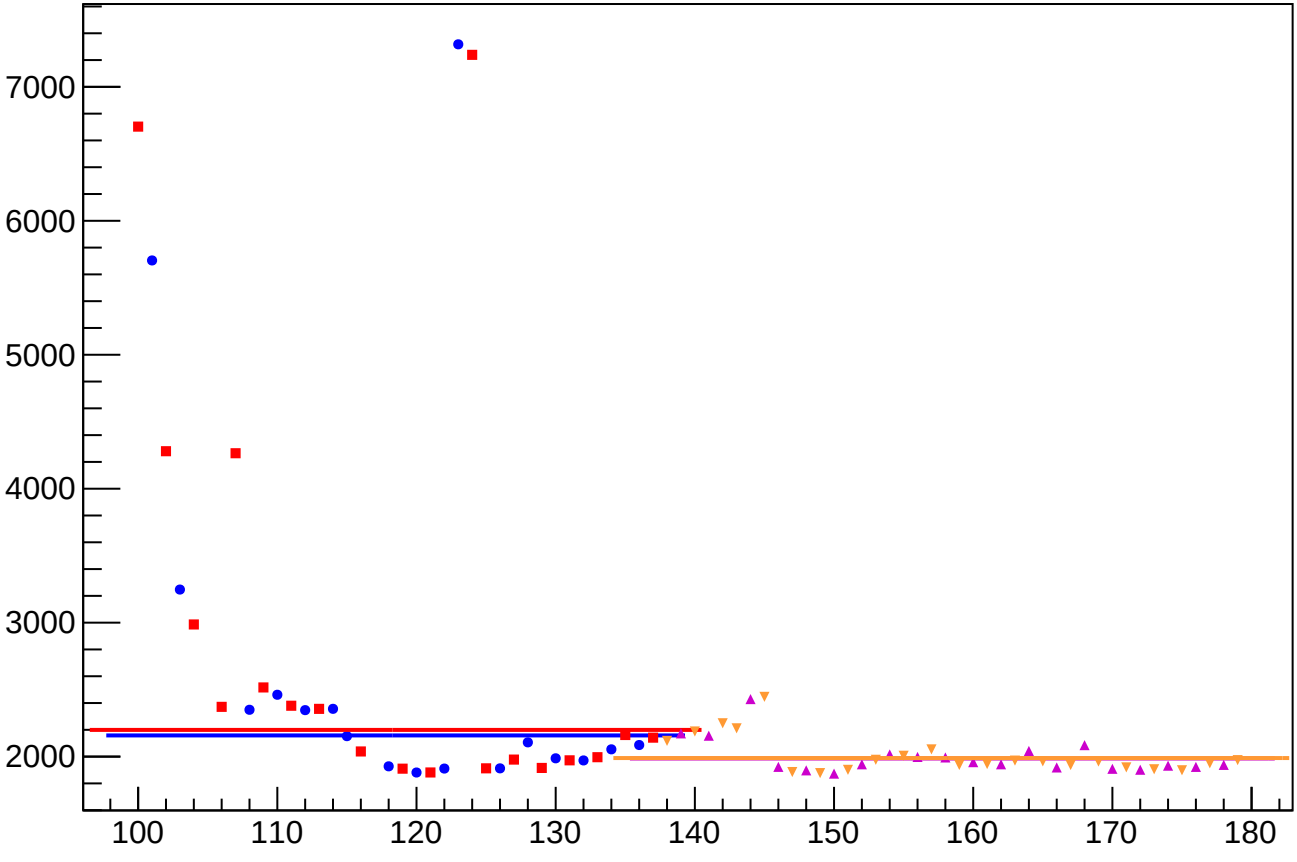
Right: 2150.830+/-604.316 χ^2/NDF: 36.5/35

In: 2239.203+/-433.953 χ^2/NDF:41.0/36

Out: 1873.916+/-424.764 χ^2/NDF:46.1/40

All: 2052.651+/-303.550 χ^2/NDF: 87.5/77

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1989.197+/-0.346 χ^2/NDF:124795.6/21

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

Left In: 1985.820+/-0.356 χ^2/NDF:108016.7/19

Left: 1987.555+/-0.248 χ^2/NDF: 232858.5/41

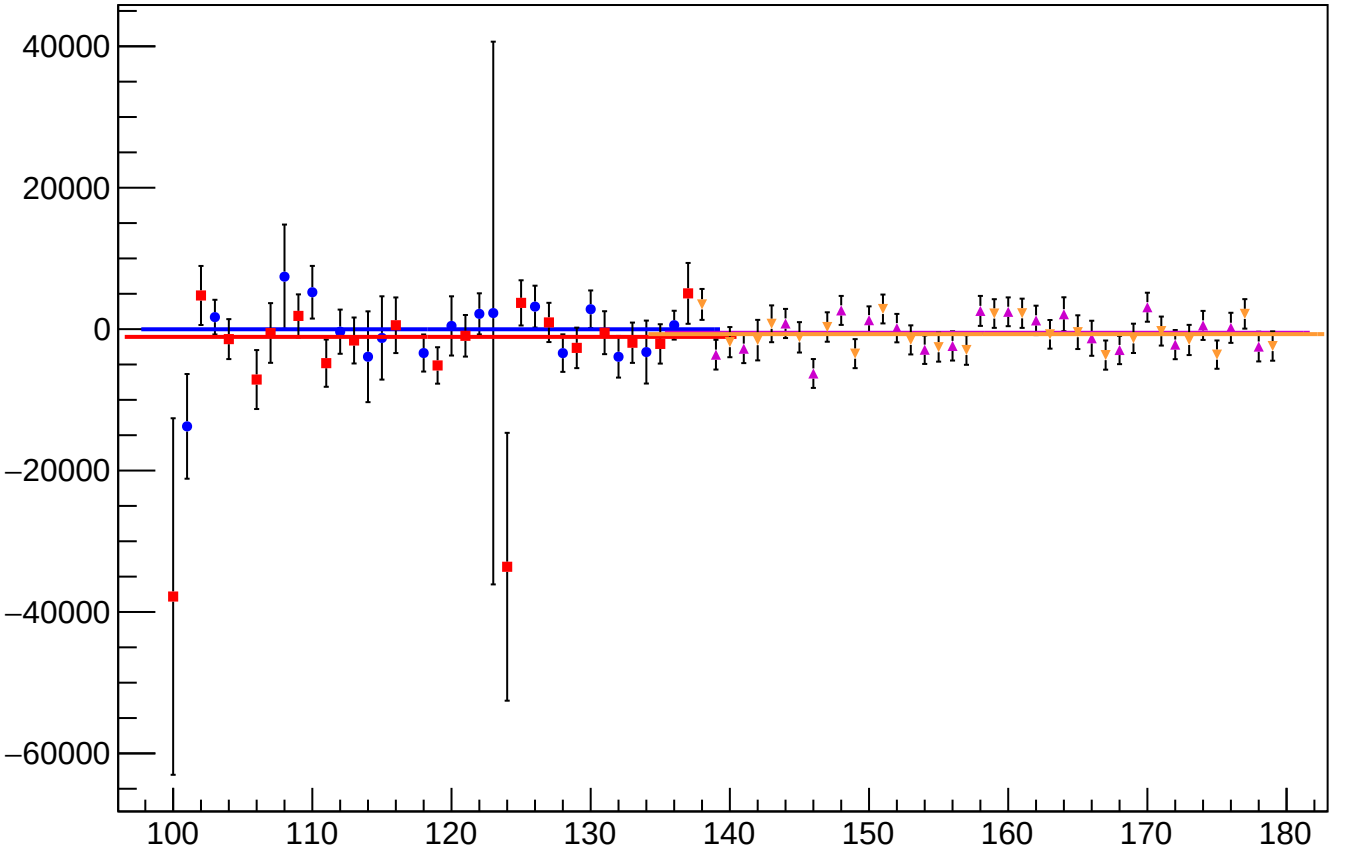
Right: 2178.816+/-0.427 χ^2/NDF: 1519207.5/35

In: 2030.100+/-0.307 χ^2/NDF:882096.4/36

Out: 2041.284+/-0.300 χ^2/NDF:1019079.6/40

All: 2035.812+/-0.215 χ^2/NDF: 1901854.5/77

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -705.572+/-453.671 χ^2/NDF:22.7/21

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

Left In: -514.548+/-465.846 χ^2/NDF:30.0/19

Left: -612.589+/-325.013 χ^2/NDF: 52.8/41

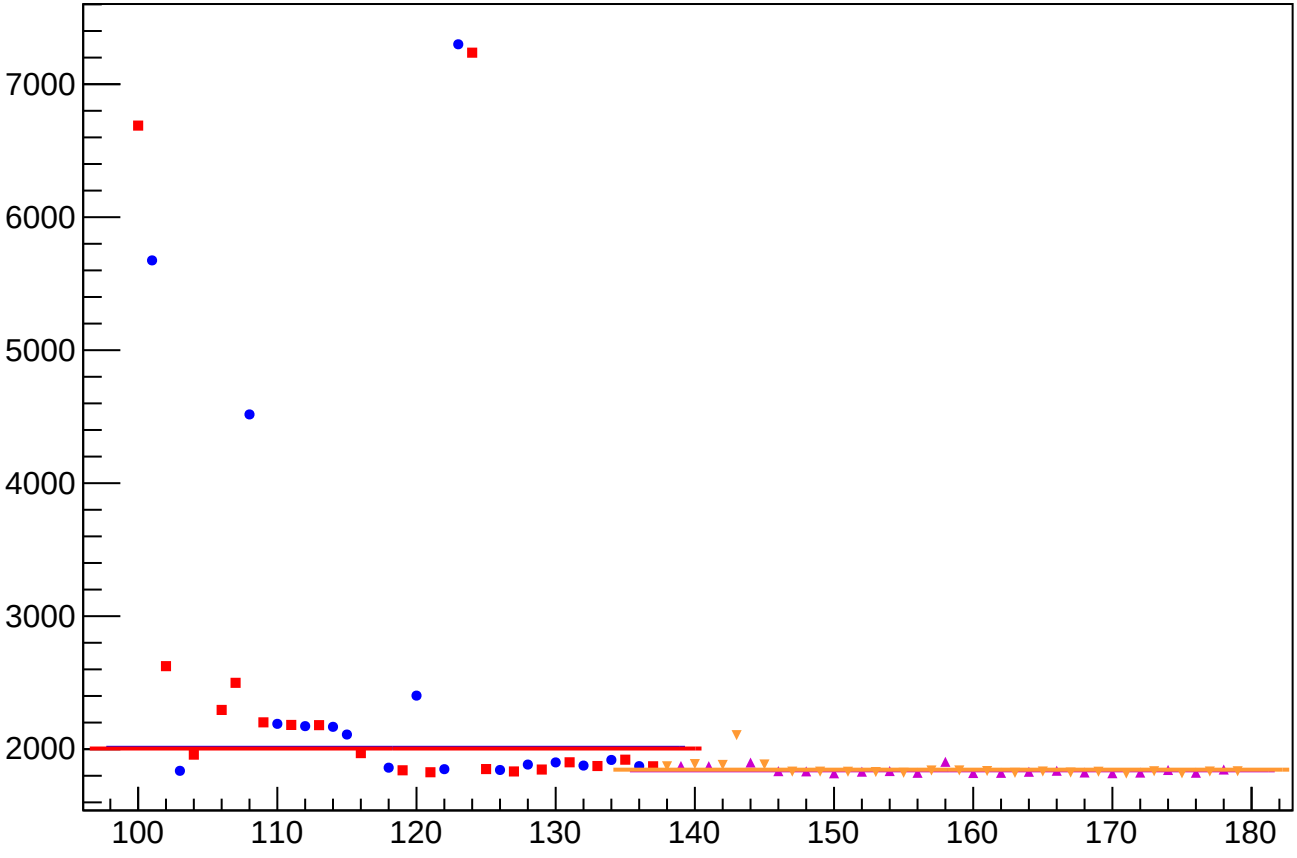
Right: -578.567+/-555.139 χ^2/NDF: 36.2/35

In: -389.211+/-402.747 χ^2/NDF:46.1/36

Out: -806.087+/-390.836 χ^2/NDF:42.3/40

All: -603.904+/-280.479 χ^2/NDF: 89.0/77

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1845.859+/-0.321 χ^2/NDF:24410.0/21

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

Left In: 1840.711+/-0.329 χ^2/NDF:5969.0/19

Left: 1843.353+/-0.230 χ^2/NDF: 30504.4/41

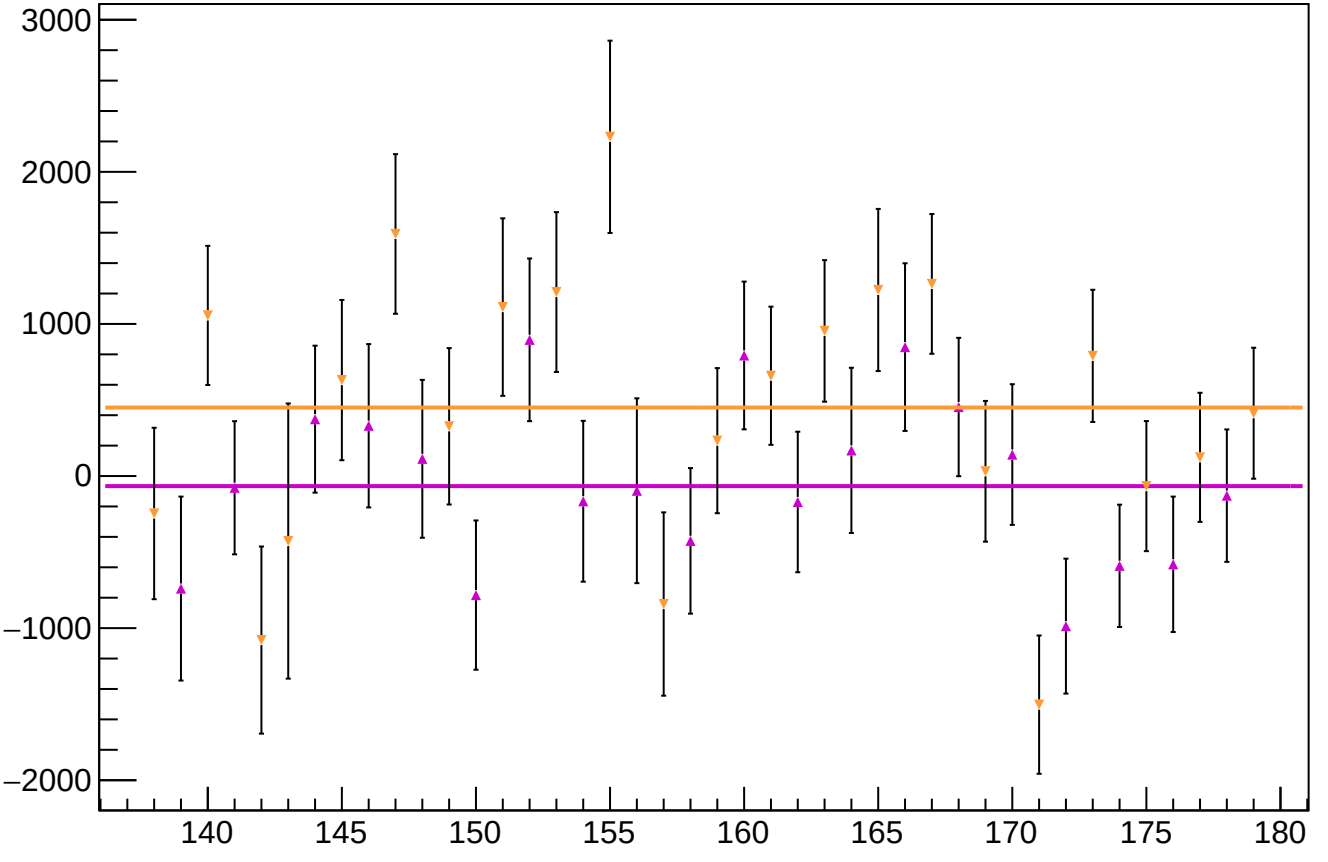
Right: 2007.469+/-0.393 χ^2/NDF: 1207306.7/35

In: 1883.535+/-0.285 χ^2/NDF:912636.2/36

Out: 1886.859+/-0.276 χ^2/NDF:455279.5/40

All: 1885.247+/-0.198 χ^2/NDF: 1367985.9/77

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 450.439+/-106.627 χ^2/NDF:60.0/21

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

Left In: -66.186+/-108.836 χ^2/NDF:23.7/19

Left: 197.423+/-76.166 χ^2/NDF: 95.2/41

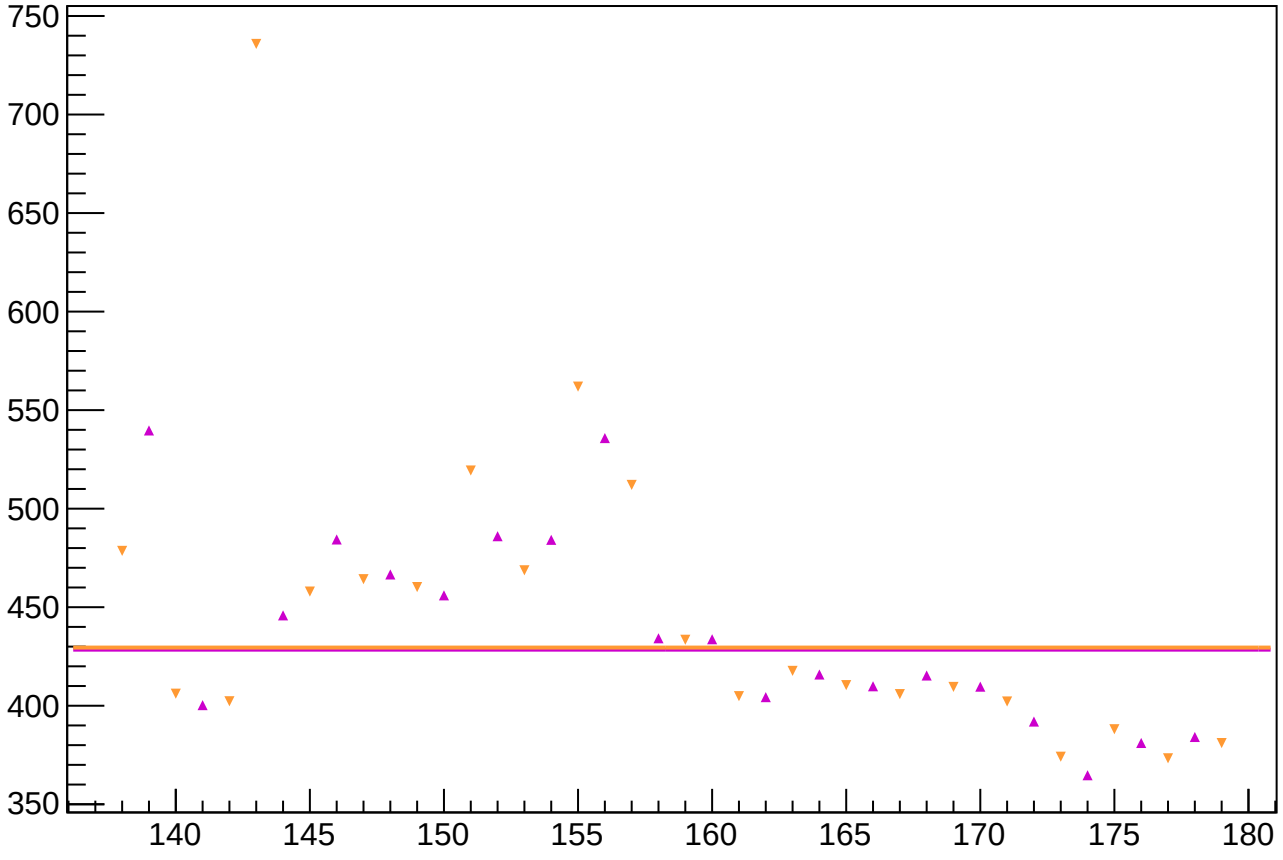
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -66.186+/-108.836 χ^2/NDF:23.7/19

Out: 450.439+/-106.627 χ^2/NDF:60.0/21

All: 197.423+/-76.166 χ^2/NDF: 95.2/41

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 429.508+/-0.075 χ^2/NDF:596895.8/21

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

Left In: 428.466+/-0.077 χ^2/NDF:346559.5/19

Left: 428.998+/-0.054 χ^2/NDF: 943549.0/41

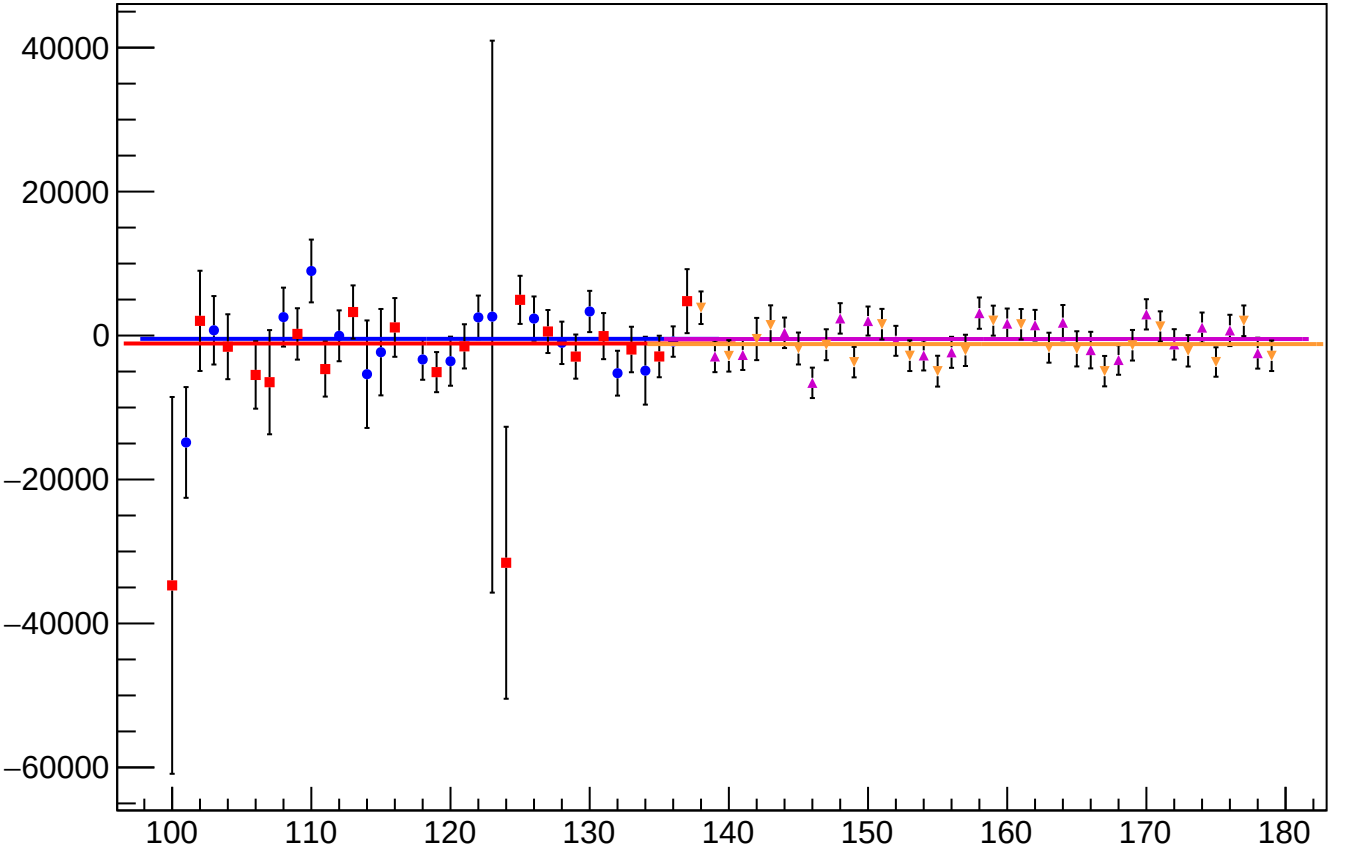
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 428.466+/-0.077 χ^2/NDF:346559.5/19

Out: 429.508+/-0.075 χ^2/NDF:596895.8/21

All: 428.998+/-0.054 χ^2/NDF: 943549.0/41

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1187.173+/-467.028 χ^2/NDF:26.9/21

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

Left In: -481.599+/-479.028 χ^2/NDF:28.5/19

Left: -843.334+/-334.401 χ^2/NDF: 56.5/41

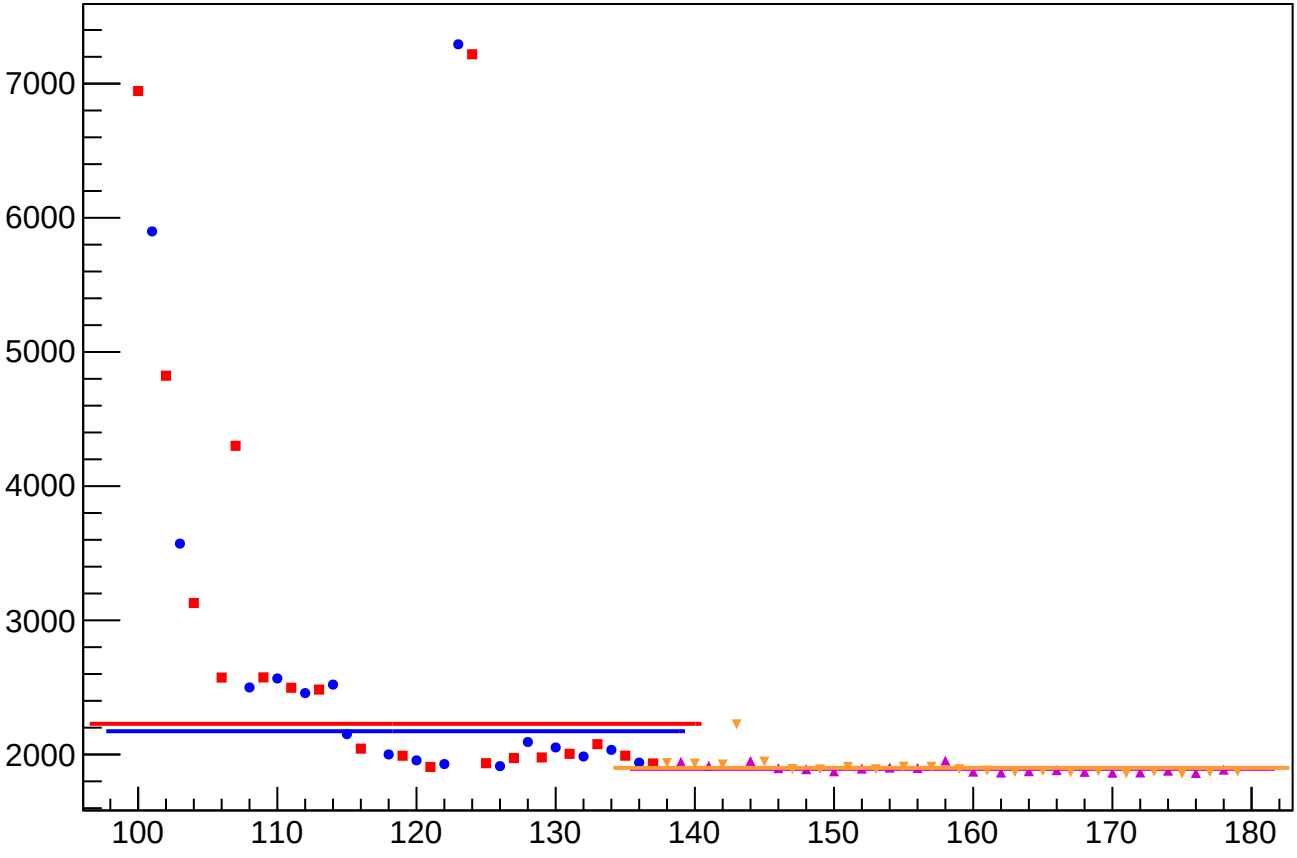
Right: -780.562+/-612.463 χ^2/NDF: 35.2/35

In: -476.135+/-419.077 χ^2/NDF:46.5/36

Out: -1168.542+/-411.186 χ^2/NDF:43.8/40

All: -828.919+/-293.503 χ^2/NDF: 91.7/77

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1900.122+/-0.330 χ^2/NDF:34259.7/21

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

Left In: 1892.937+/-0.339 χ^2/NDF:6925.9/19

Left: 1896.621+/-0.236 χ^2/NDF: 41416.2/41

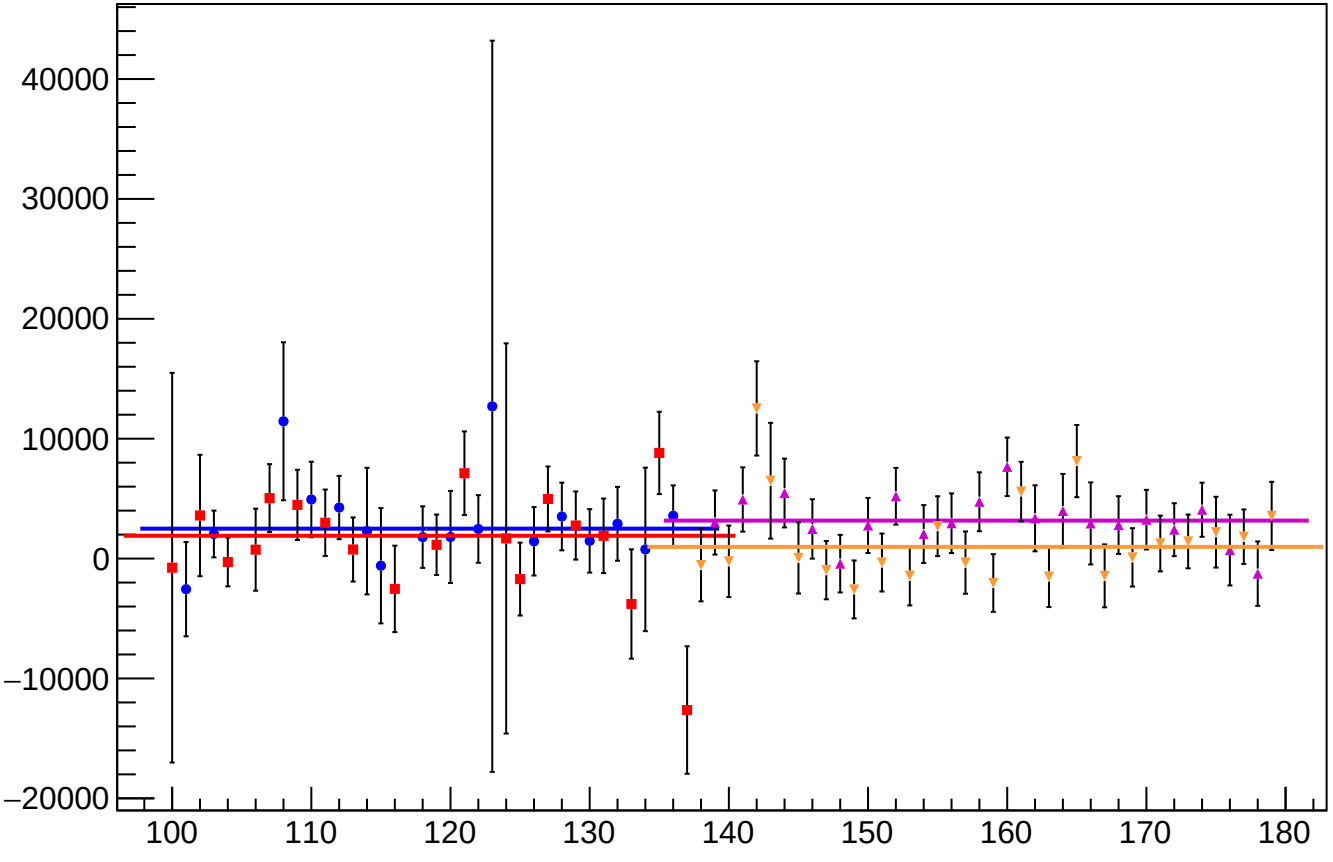
Right: 2201.146+/-0.433 χ^2/NDF: 1705309.7/35

In: 1958.776+/-0.296 χ^2/NDF:973298.9/36

Out: 1974.044+/-0.291 χ^2/NDF:1152971.4/40

All: 1966.555+/-0.208 χ^2/NDF: 2127622.9/77

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 978.440+/-562.937 χ^2/NDF:29.0/21

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

Left In: 3167.908+/-569.524 χ^2/NDF:11.9/19

Left: 2060.439+/-400.365 χ^2/NDF: 48.4/41

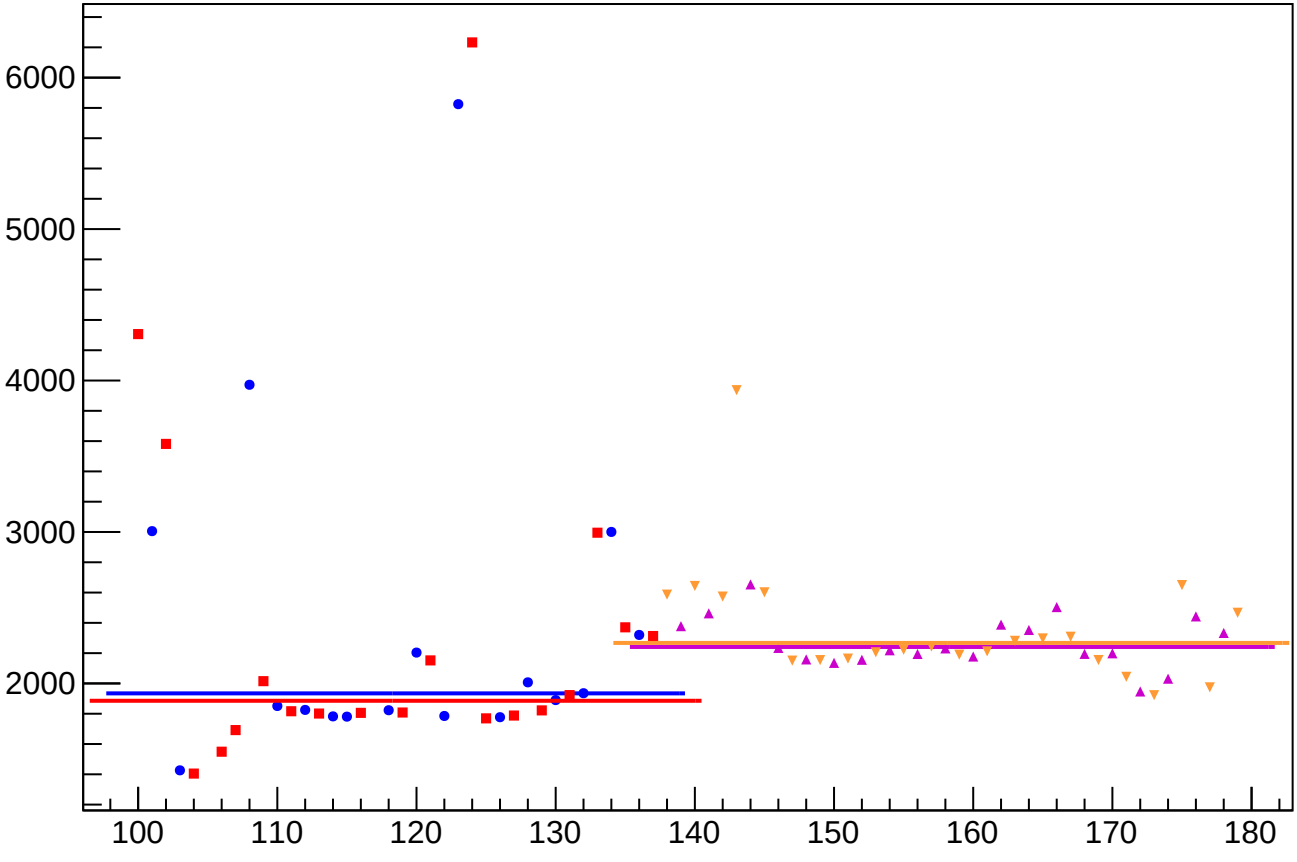
Right: 2187.370+/-531.779 χ^2/NDF: 29.7/35

In: 2929.845+/-457.527 χ^2/NDF:18.3/36

Out: 1319.211+/-447.318 χ^2/NDF:53.4/40

All: 2106.359+/-319.850 χ^2/NDF: 78.1/77

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2267.482+/-0.398 χ^2/NDF:495564.4/21

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

Left In: 2240.813+/-0.403 χ^2/NDF:157808.1/19

Left: 2254.303+/-0.283 χ^2/NDF: 655590.8/41

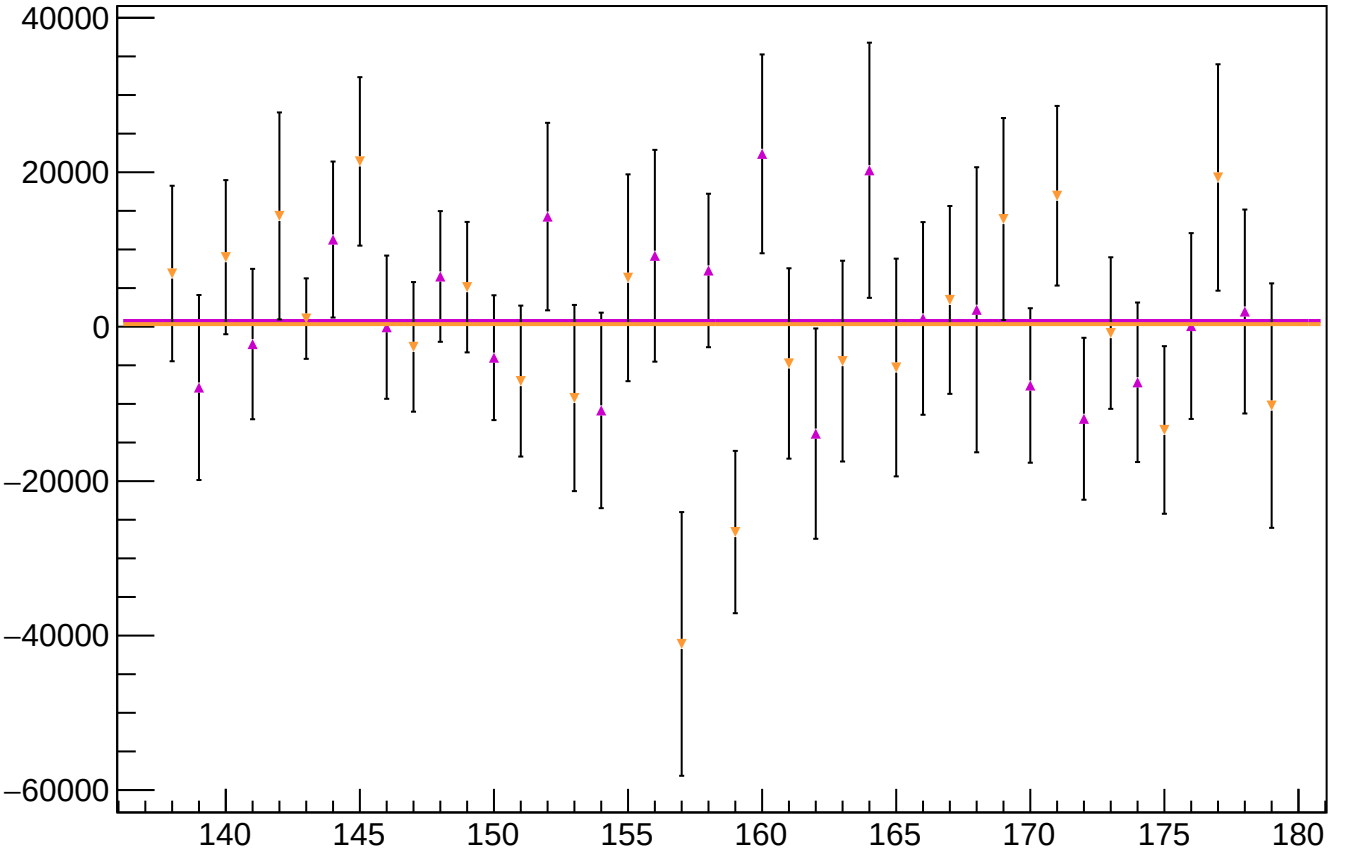
Right: 1908.949+/-0.376 χ^2/NDF: 1395226.1/35

In: 2132.151+/-0.324 χ^2/NDF:1002027.4/36

Out: 2126.673+/-0.316 χ^2/NDF:1587072.5/40

All: 2129.350+/-0.226 χ^2/NDF: 2589246.5/77

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 334.728+/-2251.723 χ^2/NDF:27.6/21

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

Left In: 740.056+/-2482.655 χ^2/NDF:13.5/19

Left: 517.668+/-1667.890 χ^2/NDF: 41.2/41

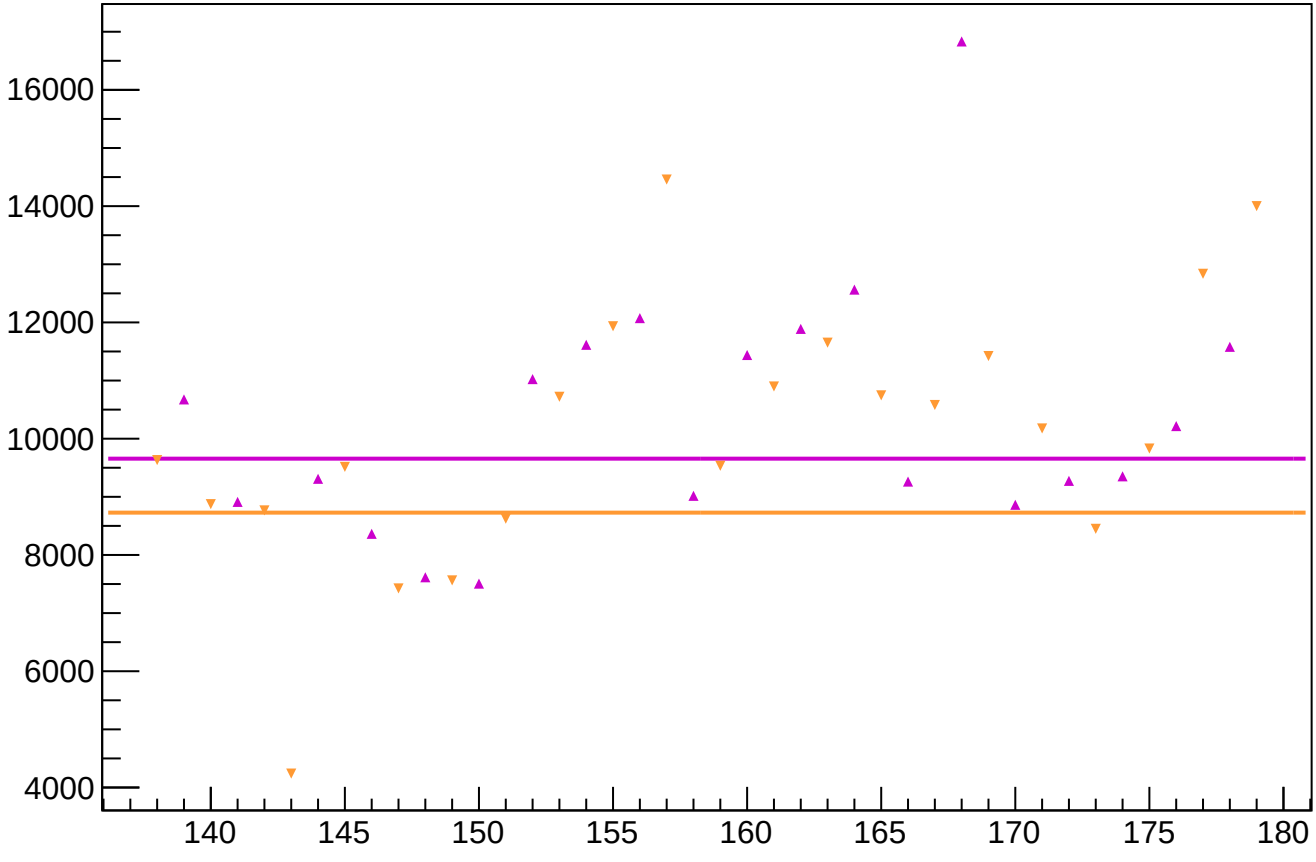
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 740.056+/-2482.655 χ^2/NDF:13.5/19

Out: 334.728+/-2251.723 χ^2/NDF:27.6/21

All: 517.668+/-1667.890 χ^2/NDF: 41.2/41

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8728.104+/-1.592 χ^2/NDF:2766925.6/21

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

Left In: 9656.470+/-1.756 χ^2/NDF:990932.5/19

Left: 9147.111+/-1.179 χ^2/NDF: 3911298.6/41

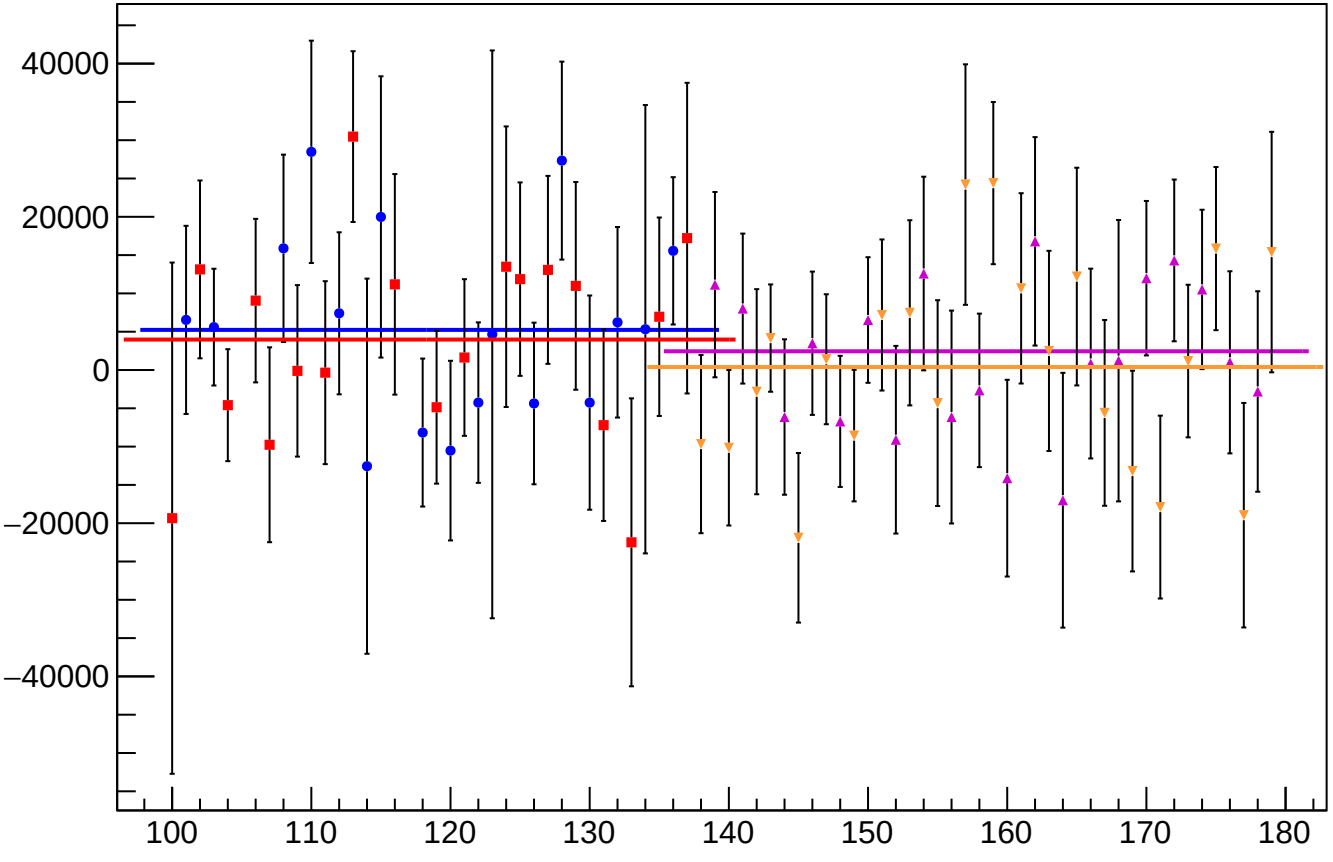
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9656.470+/-1.756 χ^2/NDF:990932.5/19

Out: 8728.104+/-1.592 χ^2/NDF:2766925.6/21

All: 9147.111+/-1.179 χ^2/NDF: 3911298.6/41

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 391.837+/-2364.525 χ^2/NDF:25.6/21

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

Left In: 2444.933+/-2495.998 χ^2/NDF:12.2/19

Left: 1362.891+/-1716.569 χ^2/NDF: 38.1/41

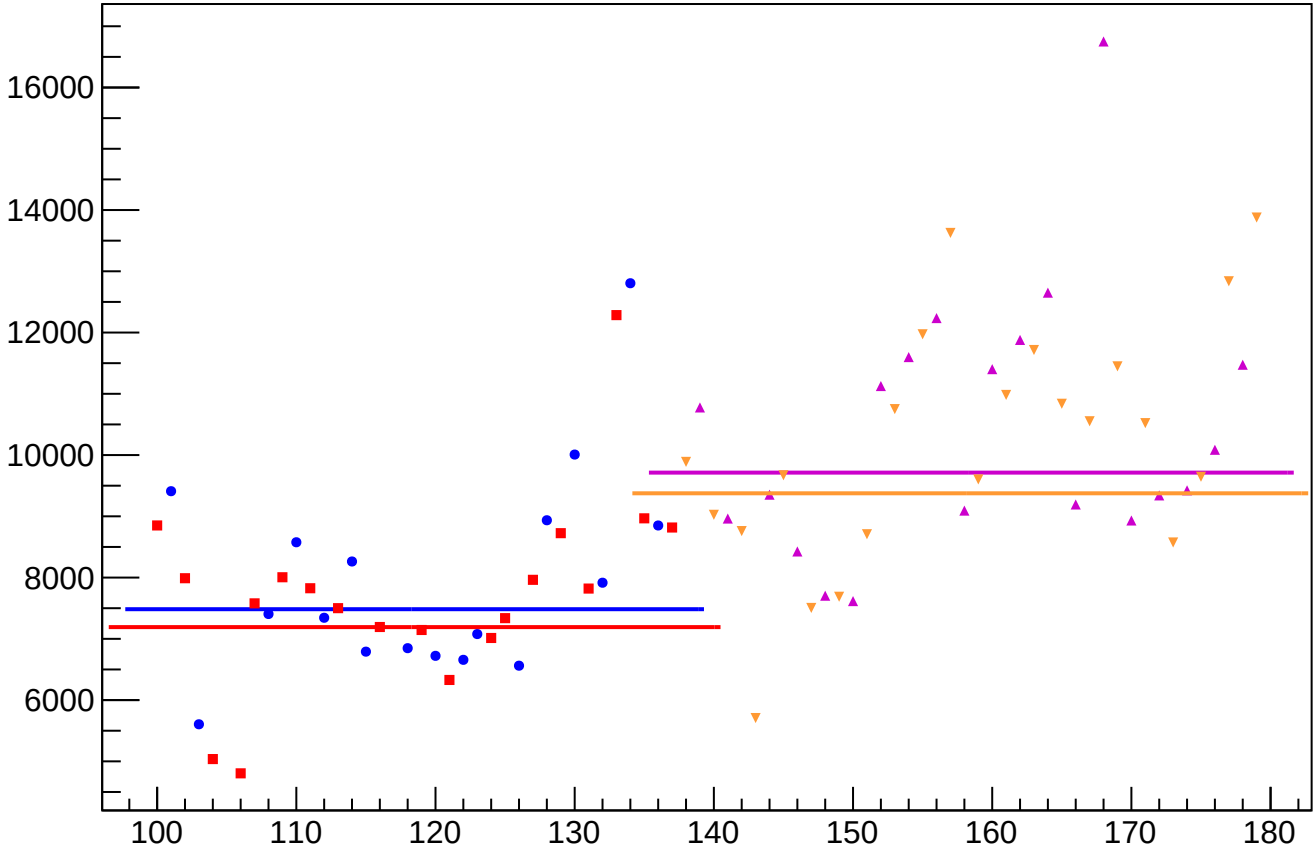
Right: 4573.057+/-2025.948 χ^2/NDF: 30.2/35

In: 3612.230+/-1904.425 χ^2/NDF:27.2/36

Out: 1889.832+/-1803.962 χ^2/NDF:42.1/40

All: 2704.404+/-1309.670 χ^2/NDF: 69.8/77

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9375.845+/-1.672 χ^2/NDF:1488492.7/21

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

Left In: 9713.412+/-1.765 χ^2/NDF:952440.7/19

Left: 9535.504+/-1.214 χ^2/NDF: 2460212.9/41

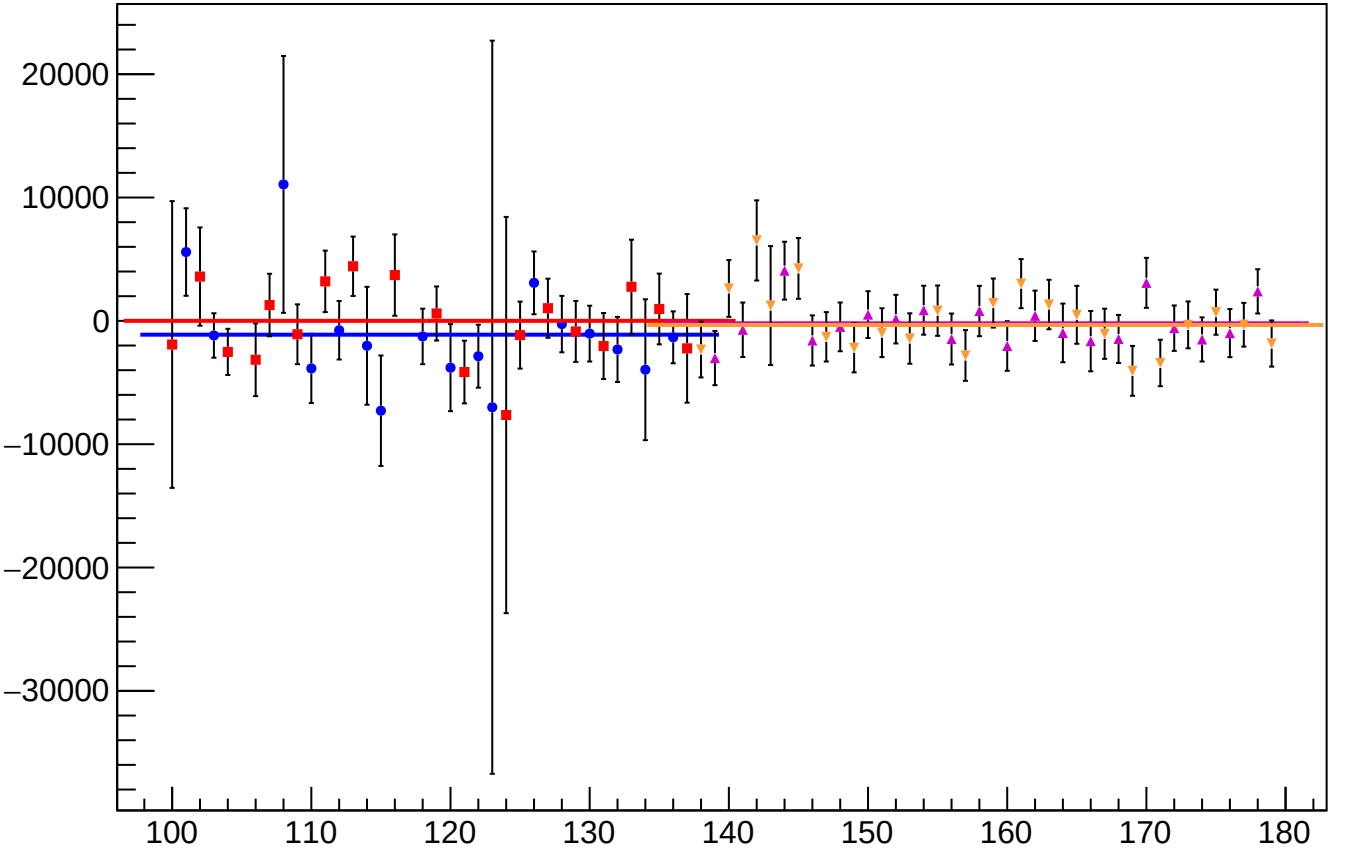
Right: 7329.673+/-1.432 χ^2/NDF: 1000940.7/35

In: 8781.749+/-1.347 χ^2/NDF:2051103.9/36

Out: 8462.760+/-1.276 χ^2/NDF:2760729.2/40

All: 8613.612+/-0.926 χ^2/NDF: 4841409.6/77

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -332.387+/-445.469 χ^2/NDF:25.3/21

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

Left In: -195.325+/-452.956 χ^2/NDF:13.8/19

Left: -264.998+/-317.608 χ^2/NDF: 39.1/41

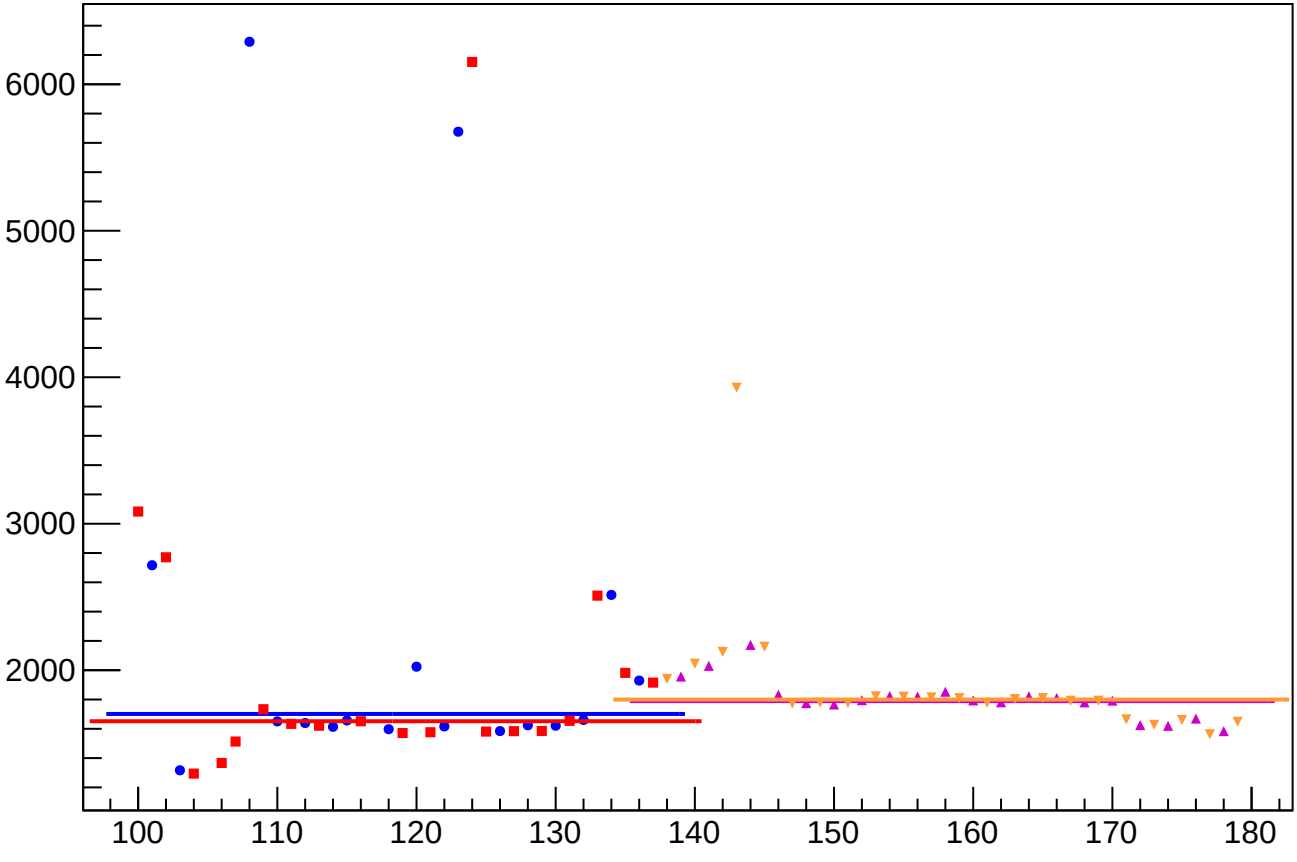
Right: -525.400+/-465.654 χ^2/NDF: 29.2/35

In: -480.151+/-376.836 χ^2/NDF:27.4/36

Out: -223.013+/-365.561 χ^2/NDF:40.9/40

All: -347.678+/-262.386 χ^2/NDF: 68.5/77

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1799.625+/-0.315 χ^2/NDF:572169.3/21

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

Left In: 1788.975+/-0.320 χ^2/NDF:161061.1/19

Left: 1794.389+/-0.225 χ^2/NDF: 733792.5/41

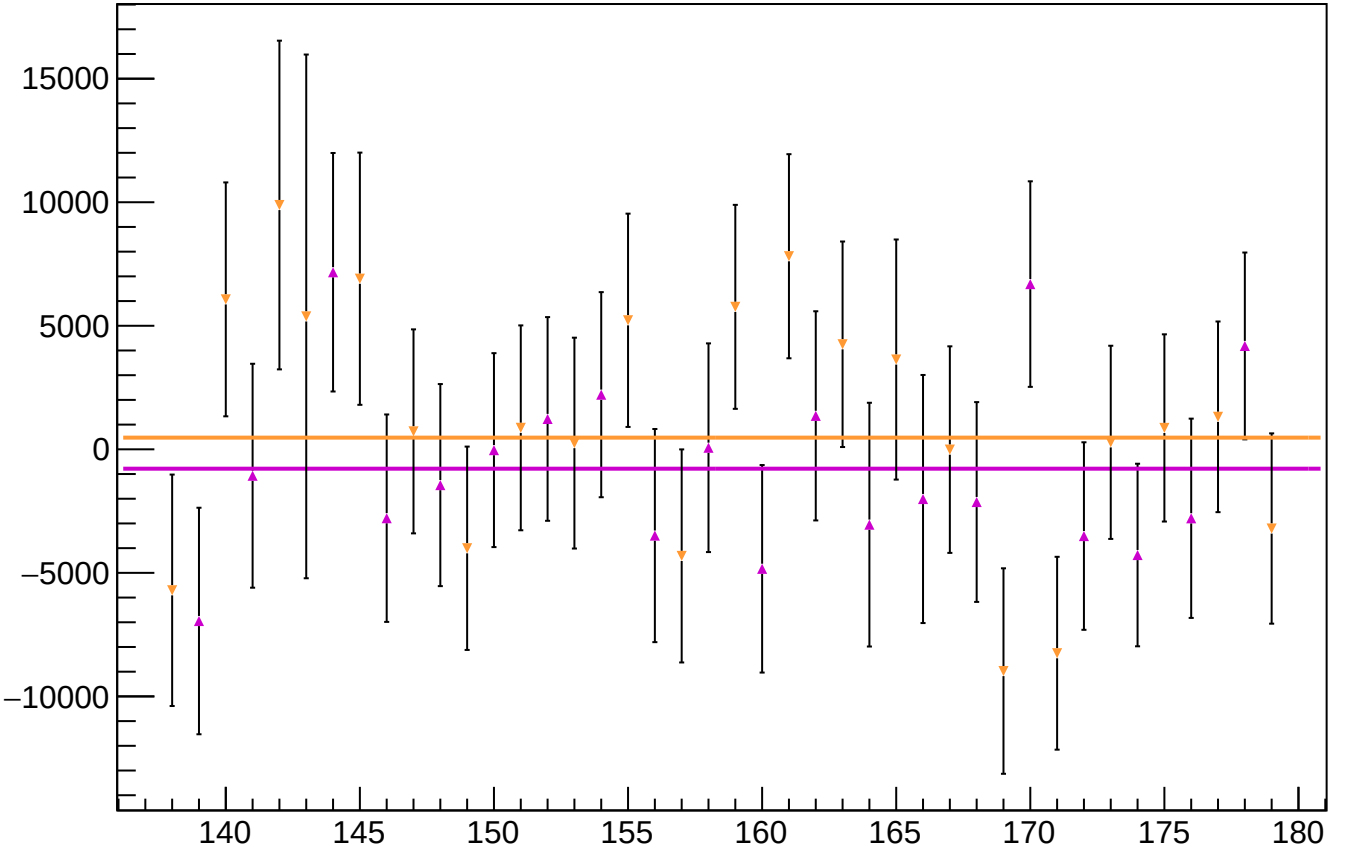
Right: 1675.026+/-0.329 χ^2/NDF: 1373201.9/35

In: 1761.978+/-0.266 χ^2/NDF:962858.0/36

Out: 1751.326+/-0.258 χ^2/NDF:1233002.0/40

All: 1756.490+/-0.186 χ^2/NDF: 2196683.2/77

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 472.919+/-925.951 χ^2/NDF:27.8/21

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

Left In: -784.168+/-939.141 χ^2/NDF:14.2/19

Left: -146.735+/-659.360 χ^2/NDF: 42.9/41

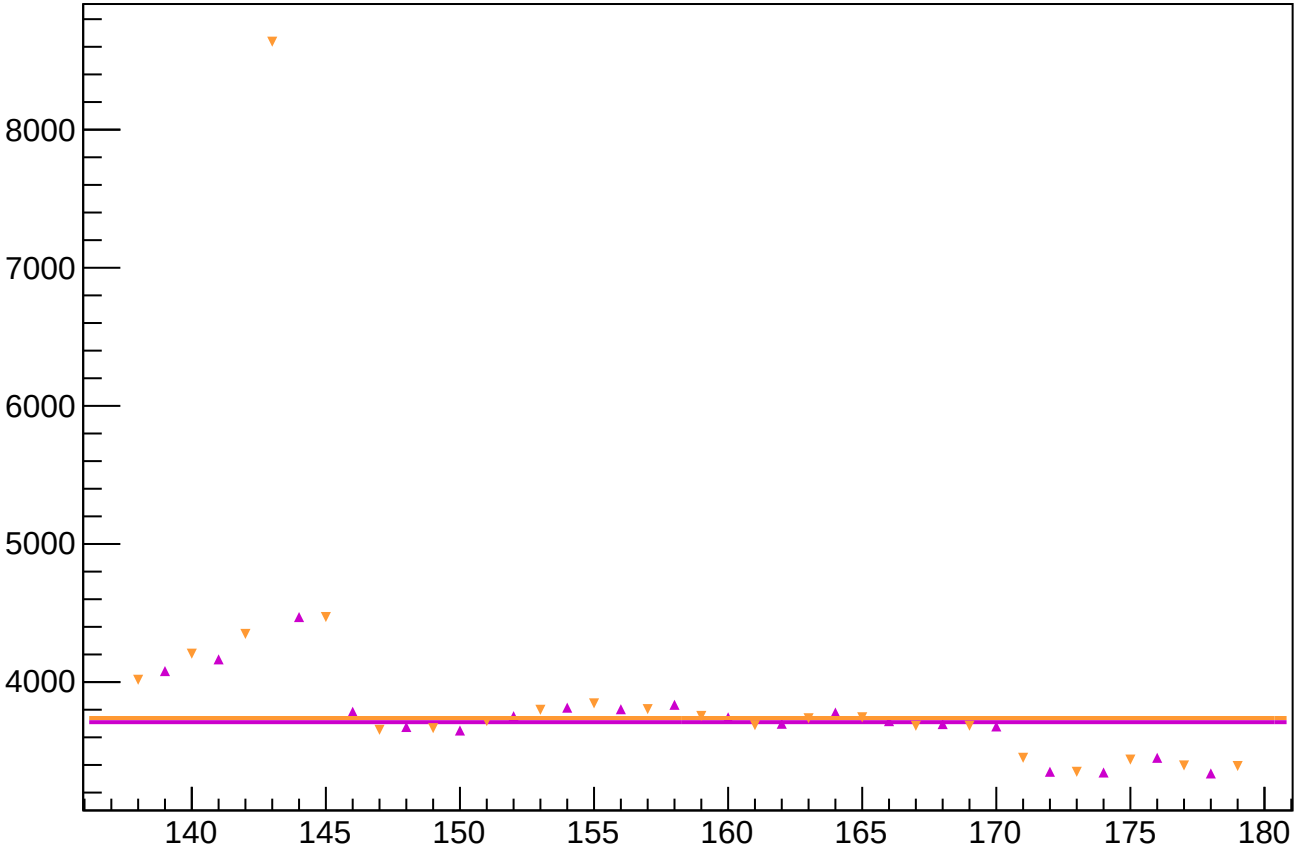
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -784.168+/-939.141 χ^2/NDF:14.2/19

Out: 472.919+/-925.951 χ^2/NDF:27.8/21

All: -146.735+/-659.360 χ^2/NDF: 42.9/41

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3740.002+/-0.655 χ^2/NDF:591391.7/21

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

Left In: 3709.791+/-0.664 χ^2/NDF:153900.6/19

Left: 3725.110+/-0.466 χ^2/NDF: 746341.8/41

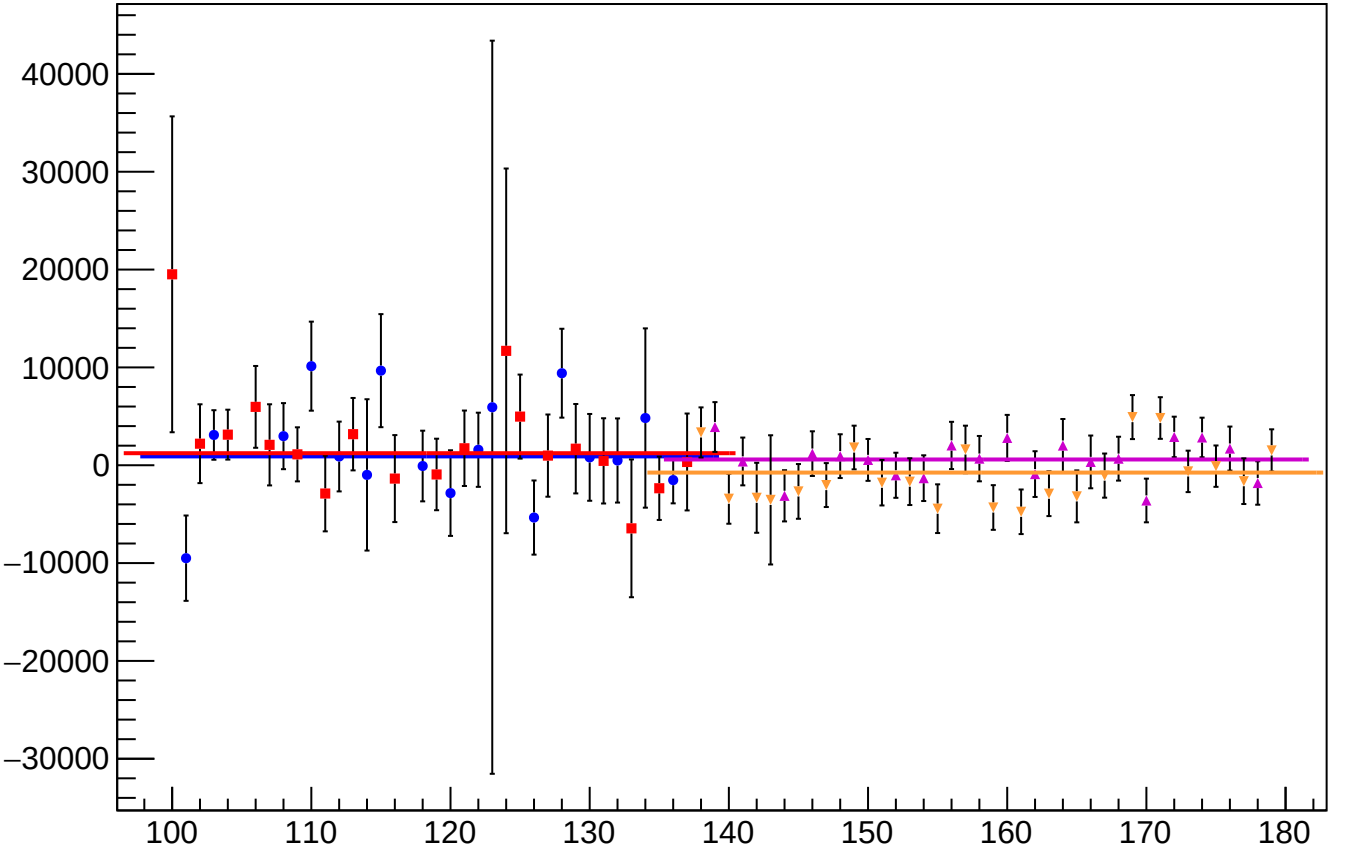
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3709.791+/-0.664 χ^2/NDF:153900.6/19

Out: 3740.002+/-0.655 χ^2/NDF:591391.7/21

All: 3725.110+/-0.466 χ^2/NDF: 746341.8/41

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -750.501+/-512.896 χ^2/NDF:31.8/21

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

Left In: 588.754+/-518.276 χ^2/NDF:14.3/19

Left: -87.861+/-364.560 χ^2/NDF: 49.5/41

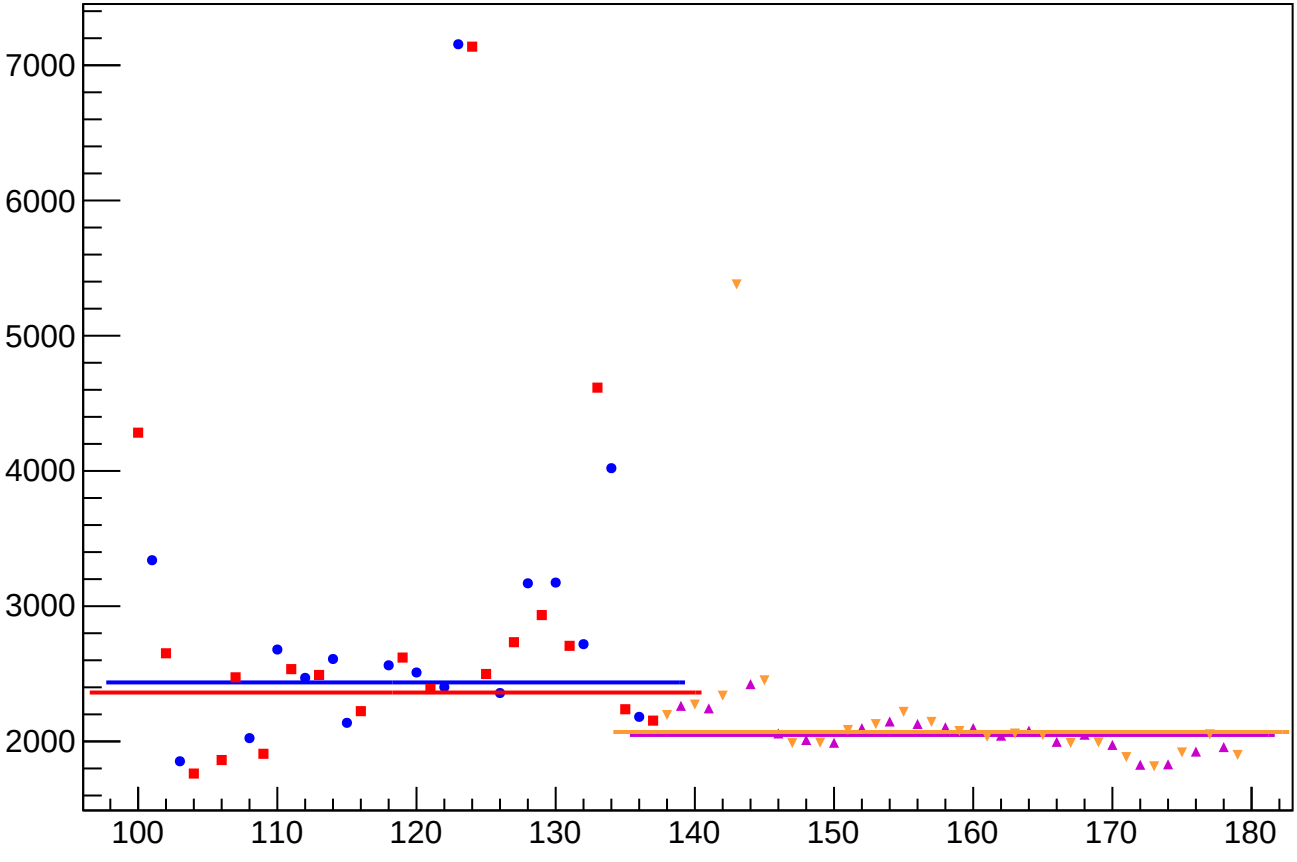
Right: 1073.549+/-666.754 χ^2/NDF: 30.6/35

In: 659.516+/-456.264 χ^2/NDF:36.0/36

Out: -284.565+/-448.560 χ^2/NDF:44.2/40

All: 179.438+/-319.869 χ^2/NDF: 82.4/77

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2069.662+/-0.363 χ^2/NDF:656197.6/21

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

Left In: 2047.808+/-0.366 χ^2/NDF:137797.5/19

Left: 2058.849+/-0.258 χ^2/NDF: 795791.7/41

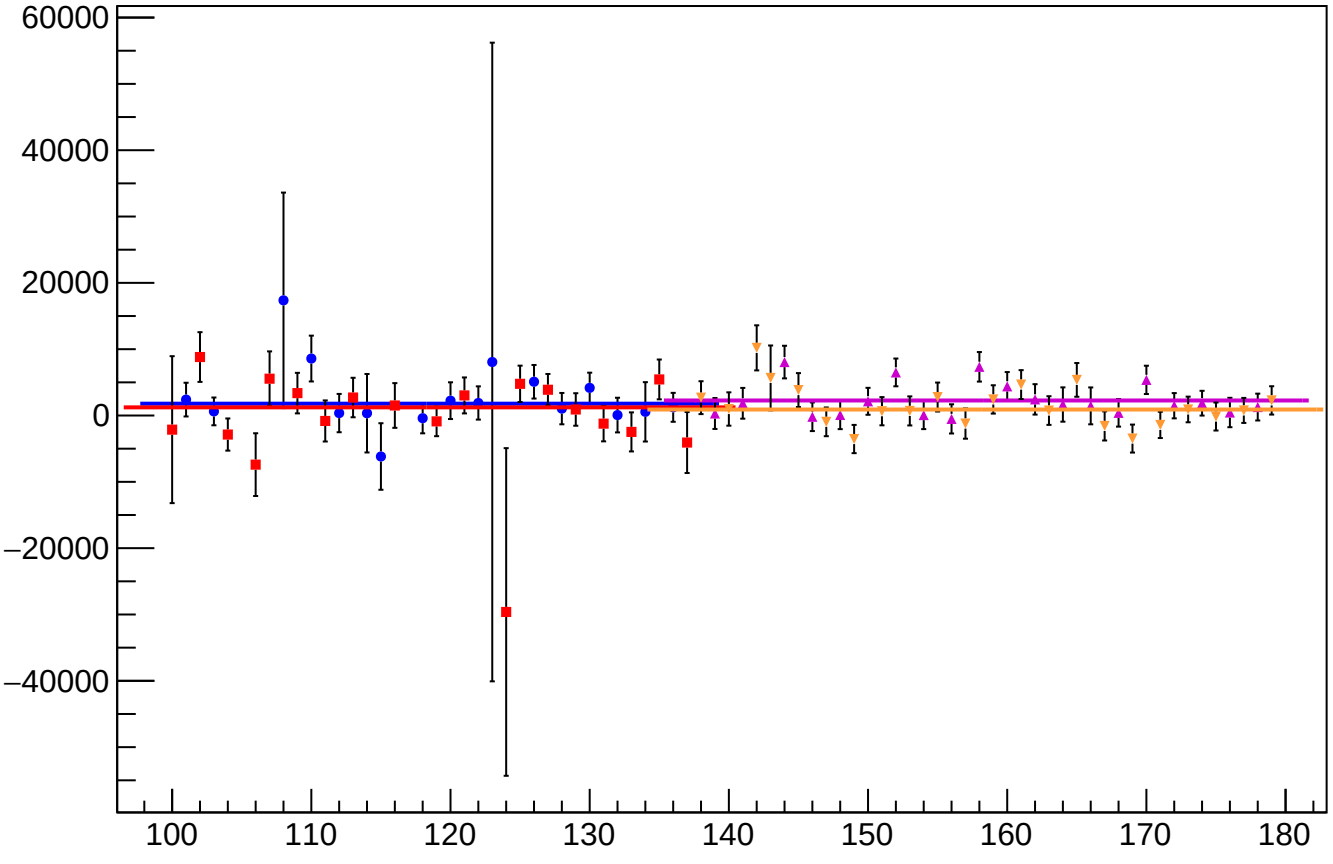
Right: 2397.448+/-0.471 χ^2/NDF: 1130664.2/35

In: 2135.204+/-0.323 χ^2/NDF:859123.9/36

Out: 2138.299+/-0.317 χ^2/NDF:1464365.0/40

All: 2136.778+/-0.226 χ^2/NDF: 2323535.8/77

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 902.601+/-479.640 χ^2/NDF:31.2/21

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

Left In: 2267.754+/-486.975 χ^2/NDF:25.7/19

Left: 1574.820+/-341.721 χ^2/NDF: 60.9/41

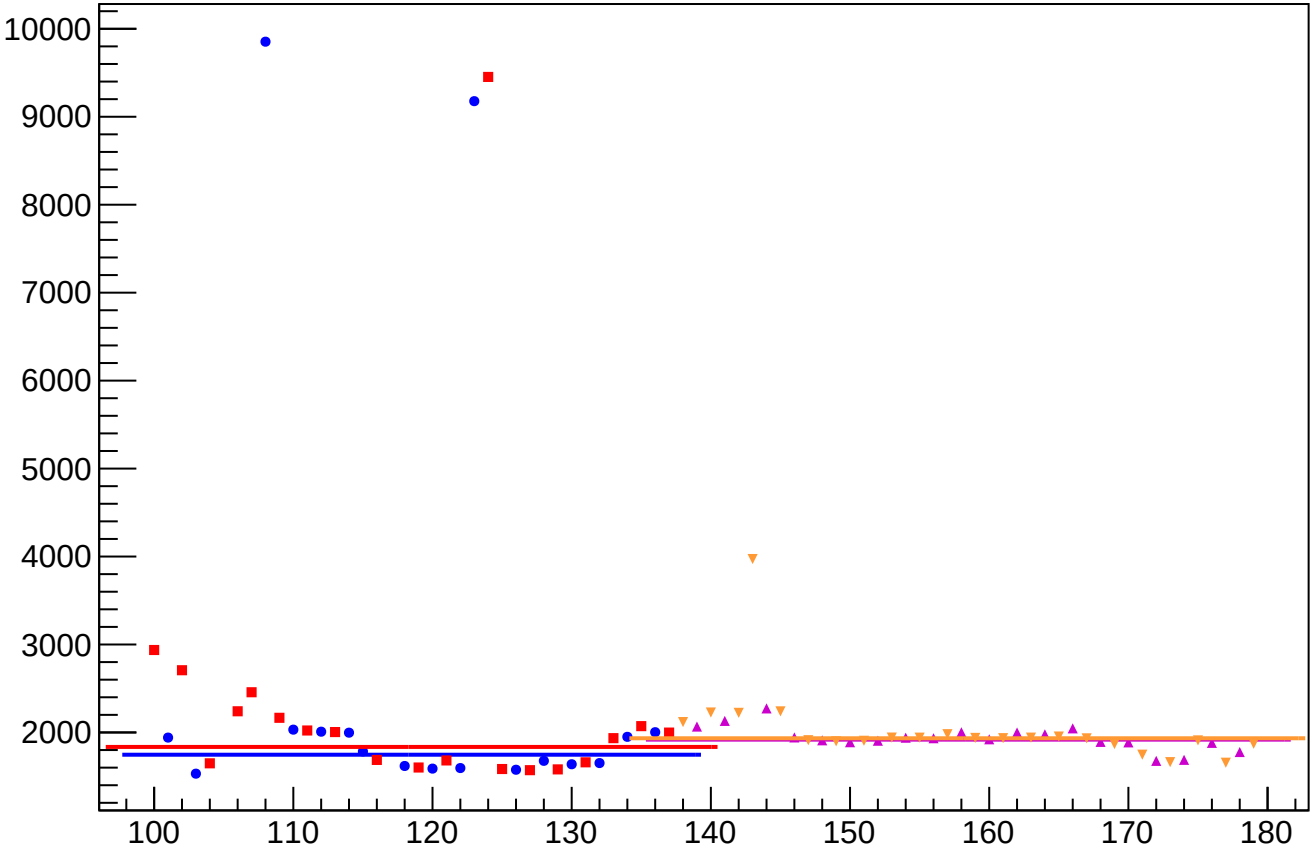
Right: 1511.828+/-495.804 χ^2/NDF: 37.0/35

In: 2108.112+/-398.704 χ^2/NDF:38.5/36

Out: 1005.341+/-397.122 χ^2/NDF:55.6/40

All: 1554.533+/-281.365 χ^2/NDF: 97.9/77

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1933.864+/-0.339 χ^2/NDF:535365.6/21

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

Left In: 1918.282+/-0.344 χ^2/NDF:151800.4/19

Left: 1926.192+/-0.242 χ^2/NDF: 688205.4/41

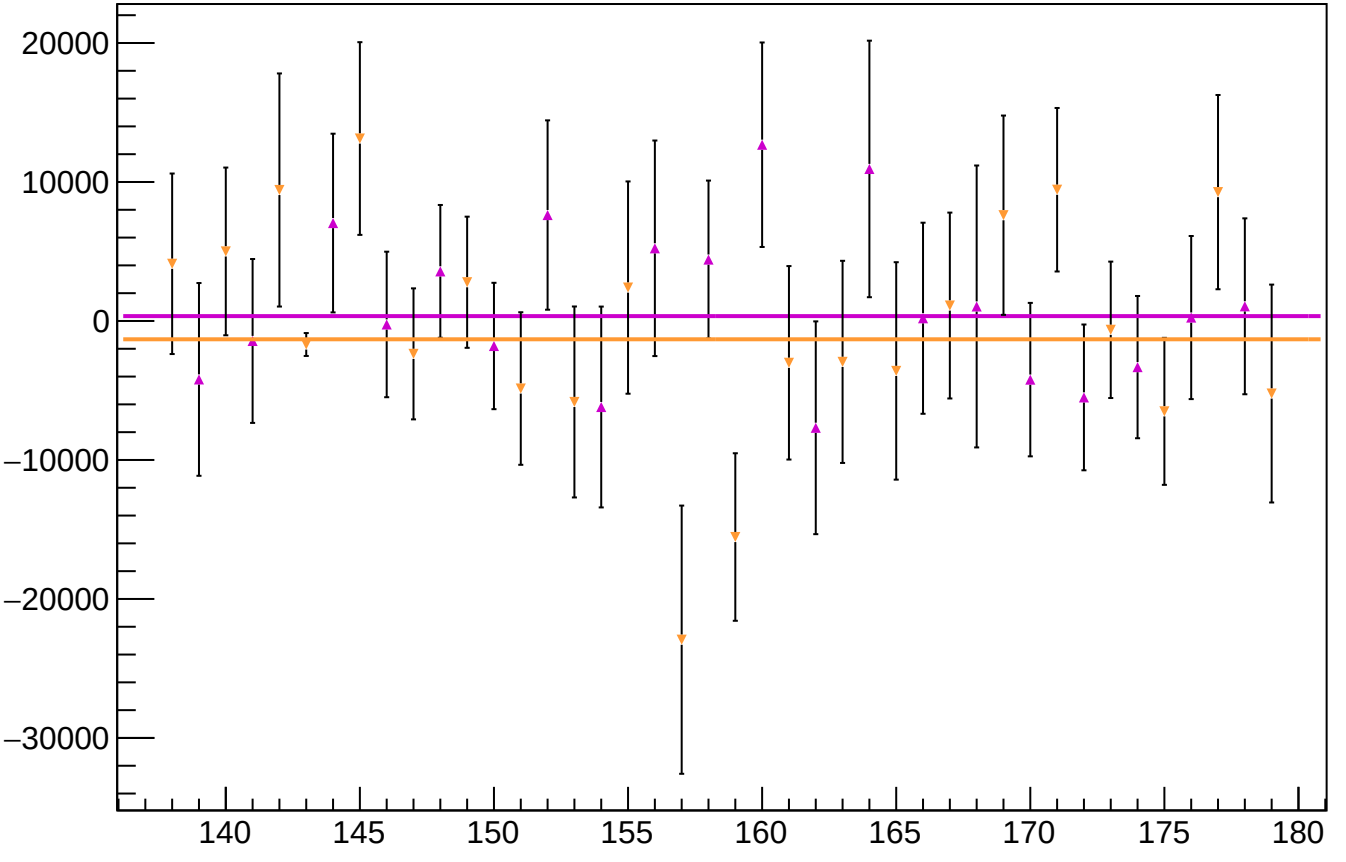
Right: 1790.310+/-0.350 χ^2/NDF: 1248859.1/35

In: 1861.762+/-0.282 χ^2/NDF:916009.0/36

Out: 1902.852+/-0.281 χ^2/NDF:1112312.0/40

All: 1882.396+/-0.199 χ^2/NDF: 2038988.4/77

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1317.402+/-707.407 χ^2/NDF:29.2/21

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

Left In: 350.295+/-1373.223 χ^2/NDF:12.9/19

Left: -967.654+/-628.869 χ^2/NDF: 43.2/41

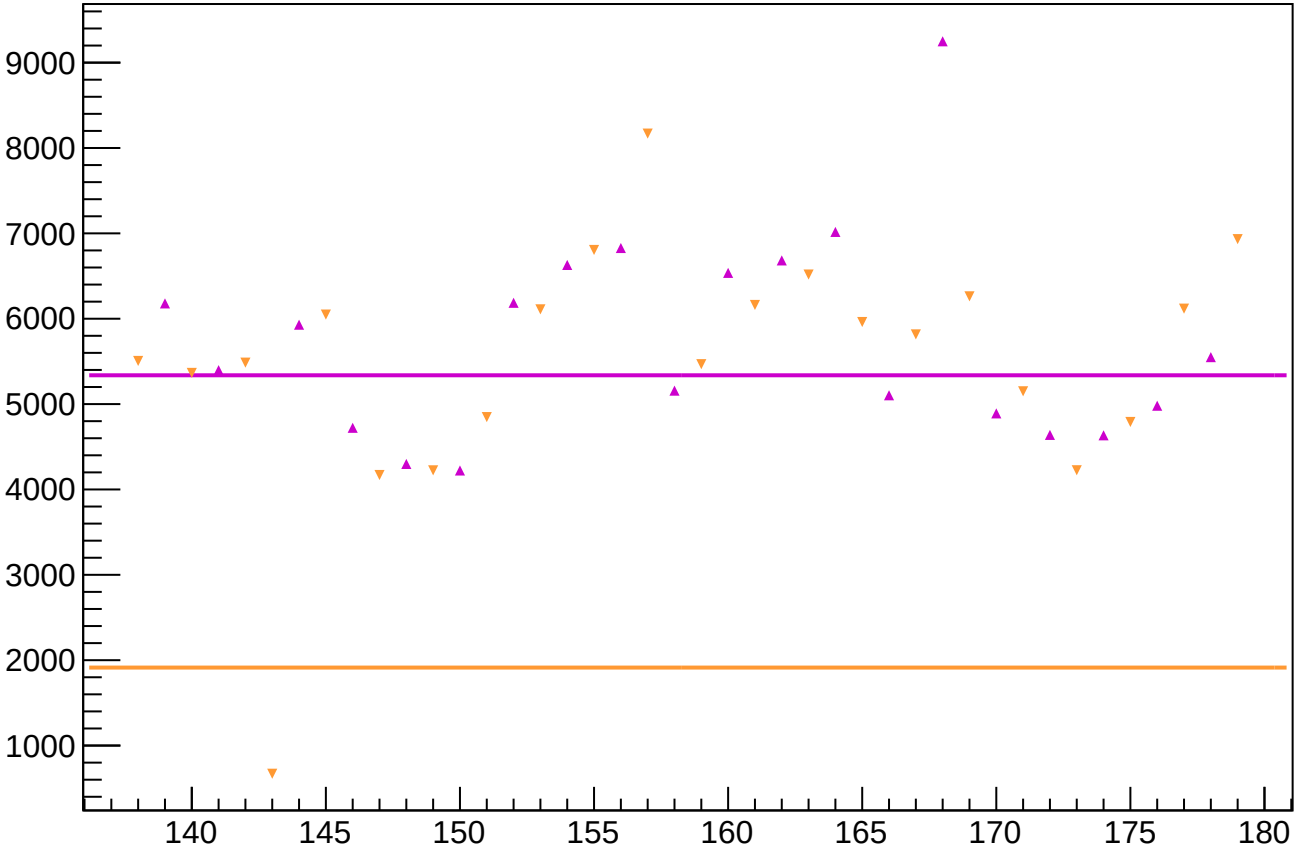
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 350.295+/-1373.223 χ^2/NDF:12.9/19

Out: -1317.402+/-707.407 χ^2/NDF:29.2/21

All: -967.654+/-628.869 χ^2/NDF: 43.2/41

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1913.468+/-0.500 χ^2/NDF:18191019.6/21

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

Left In: 5337.464+/-0.971 χ^2/NDF:1037324.8/19

Left: 2631.545+/-0.445 χ^2/NDF: 29054776.0/41

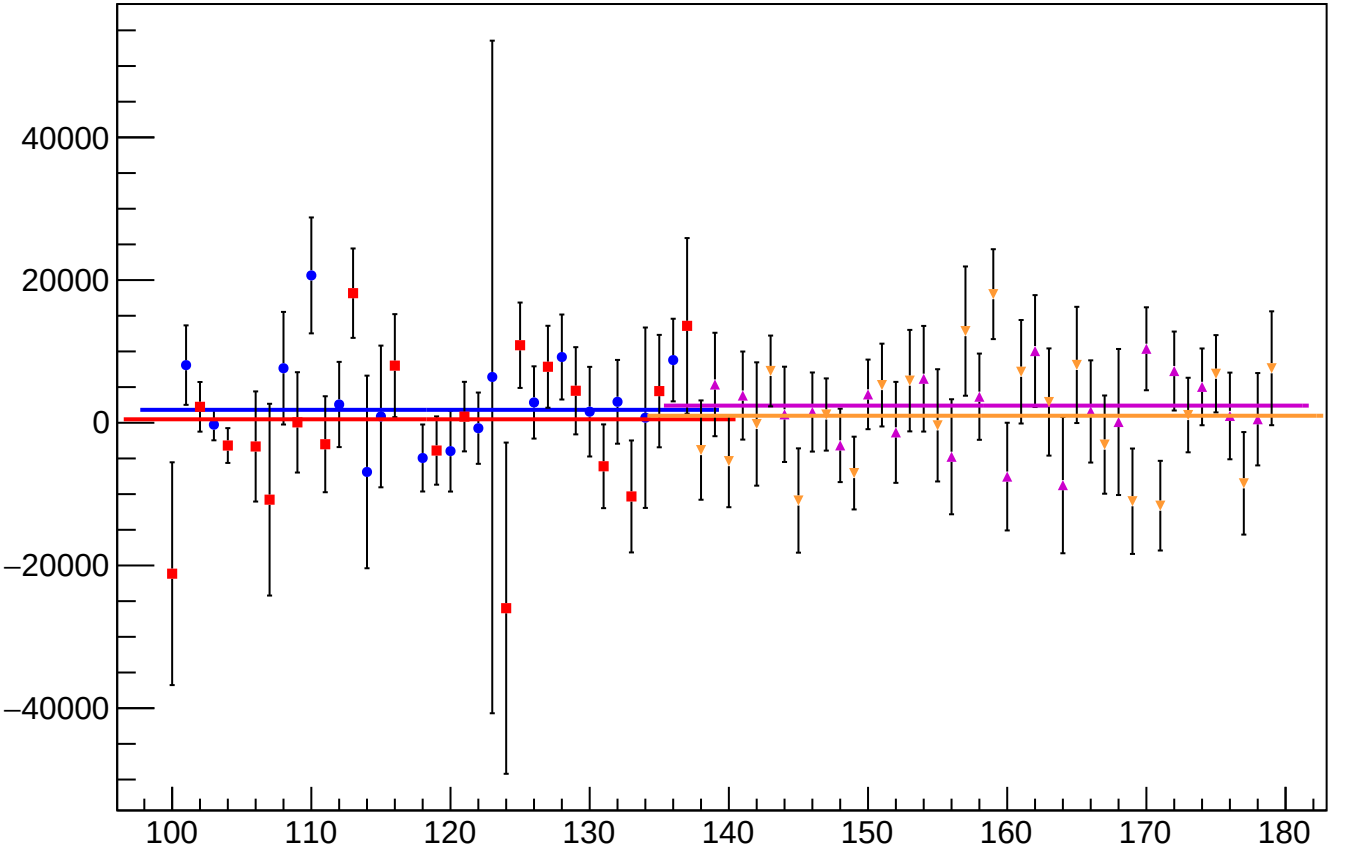
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5337.464+/-0.971 χ^2/NDF:1037324.8/19

Out: 1913.468+/-0.500 χ^2/NDF:18191019.6/21

All: 2631.545+/-0.445 χ^2/NDF: 29054776.0/4

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 986.800+/-1386.414 χ^2/NDF:30.4/21

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

Left In: 2405.239+/-1439.434 χ^2/NDF:10.1/19

Left: 1669.415+/-998.561 χ^2/NDF: 41.0/41

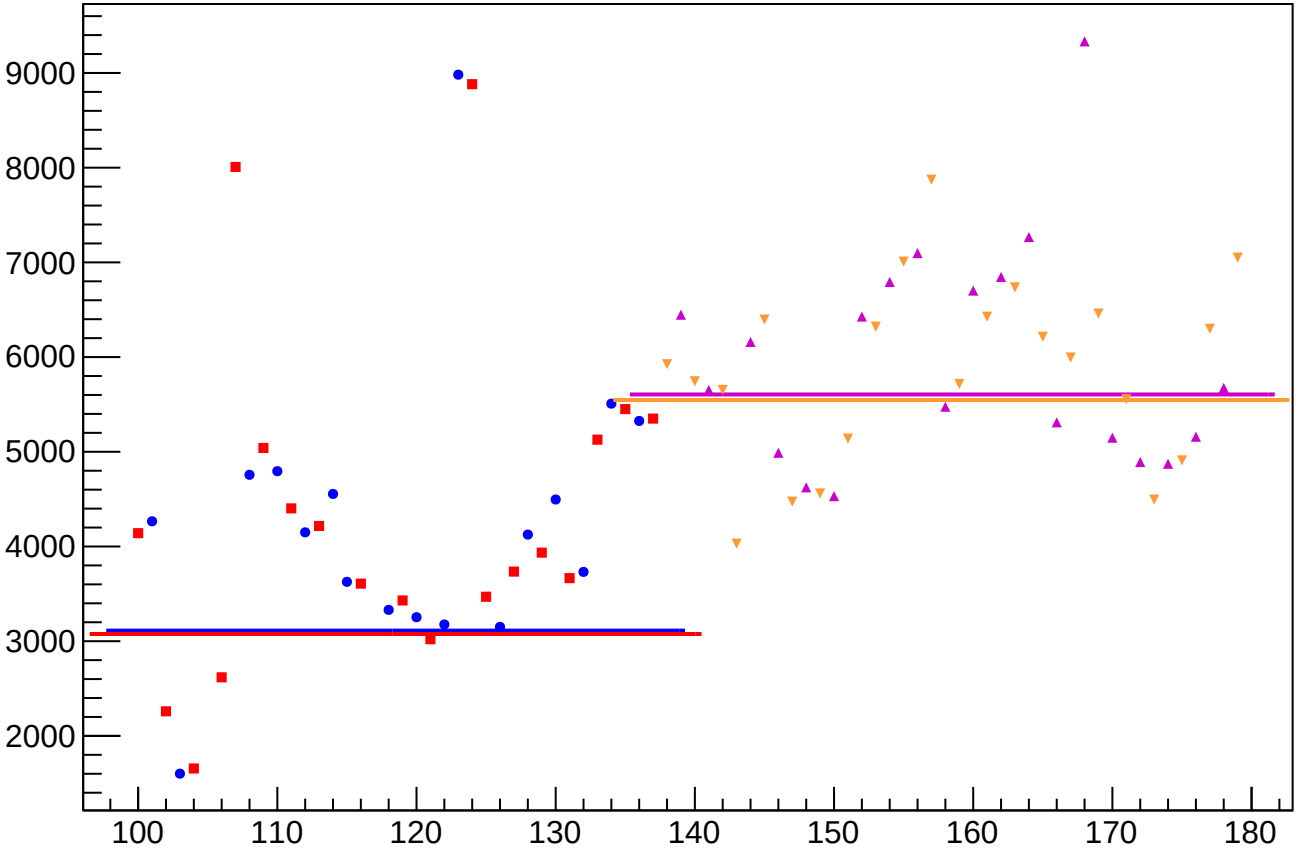
Right: 1143.505+/-914.731 χ^2/NDF: 42.0/35

In: 2080.046+/-965.314 χ^2/NDF:25.2/36

Out: 718.892+/-942.871 χ^2/NDF:57.0/40

All: 1383.462+/-674.505 χ^2/NDF: 83.2/77

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5546.786+/-0.980 χ^2/NDF:956642.0/21

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

Left In: 5605.400+/-1.018 χ^2/NDF:898566.4/19

Left: 5574.994+/-0.706 χ^2/NDF: 1856928.7/41

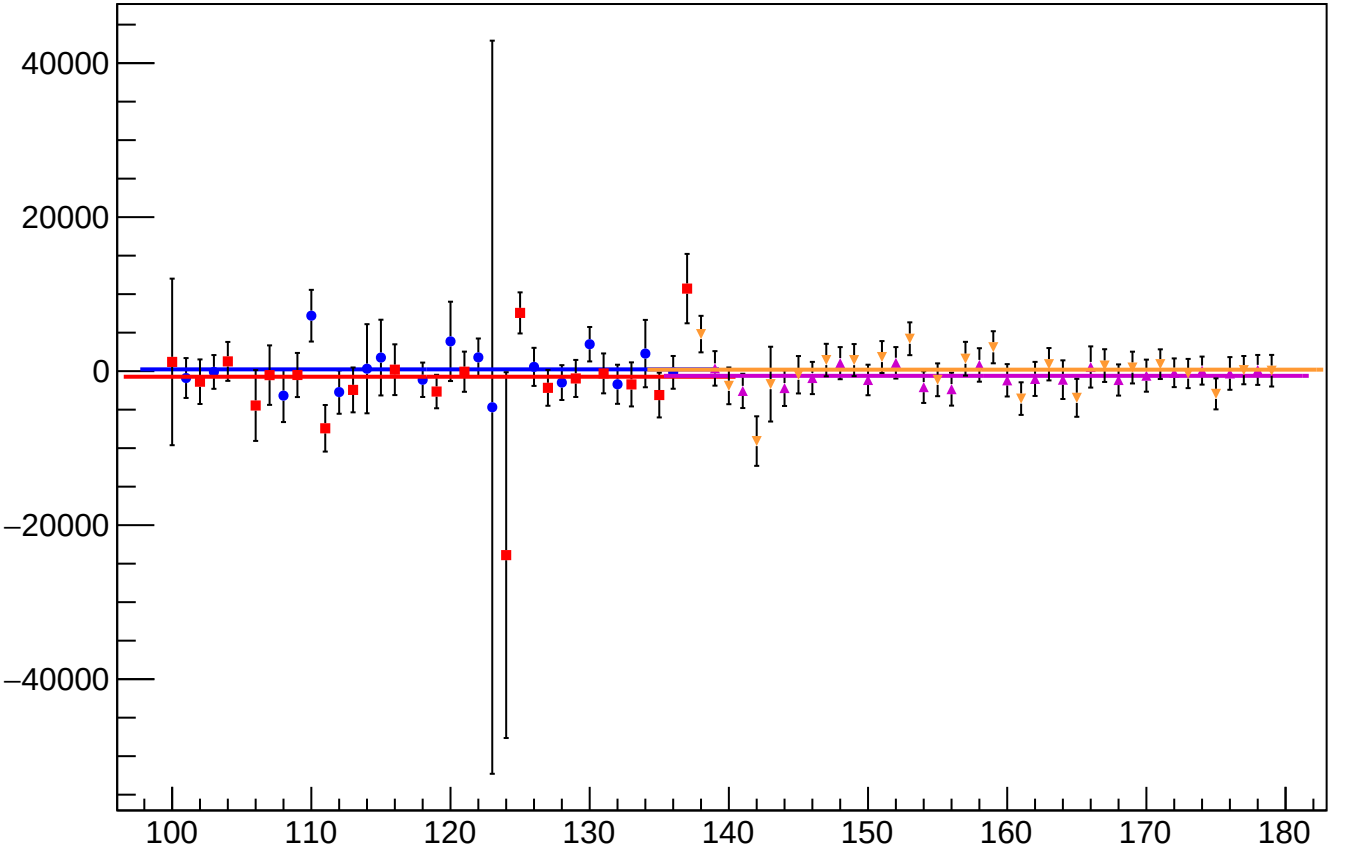
Right: 3093.209+/-0.642 χ^2/NDF: 3889323.9/35

In: 4233.113+/-0.683 χ^2/NDF:6080948.9/36

Out: 4200.757+/-0.661 χ^2/NDF:6426935.4/40

All: 4216.427+/-0.475 χ^2/NDF: 12509043.0/7

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 192.726+/-464.870 χ^2/NDF:28.9/21

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

Left In: -609.701+/-472.301 χ^2/NDF:5.2/19

Left: -202.125+/-331.309 χ^2/NDF: 35.6/41

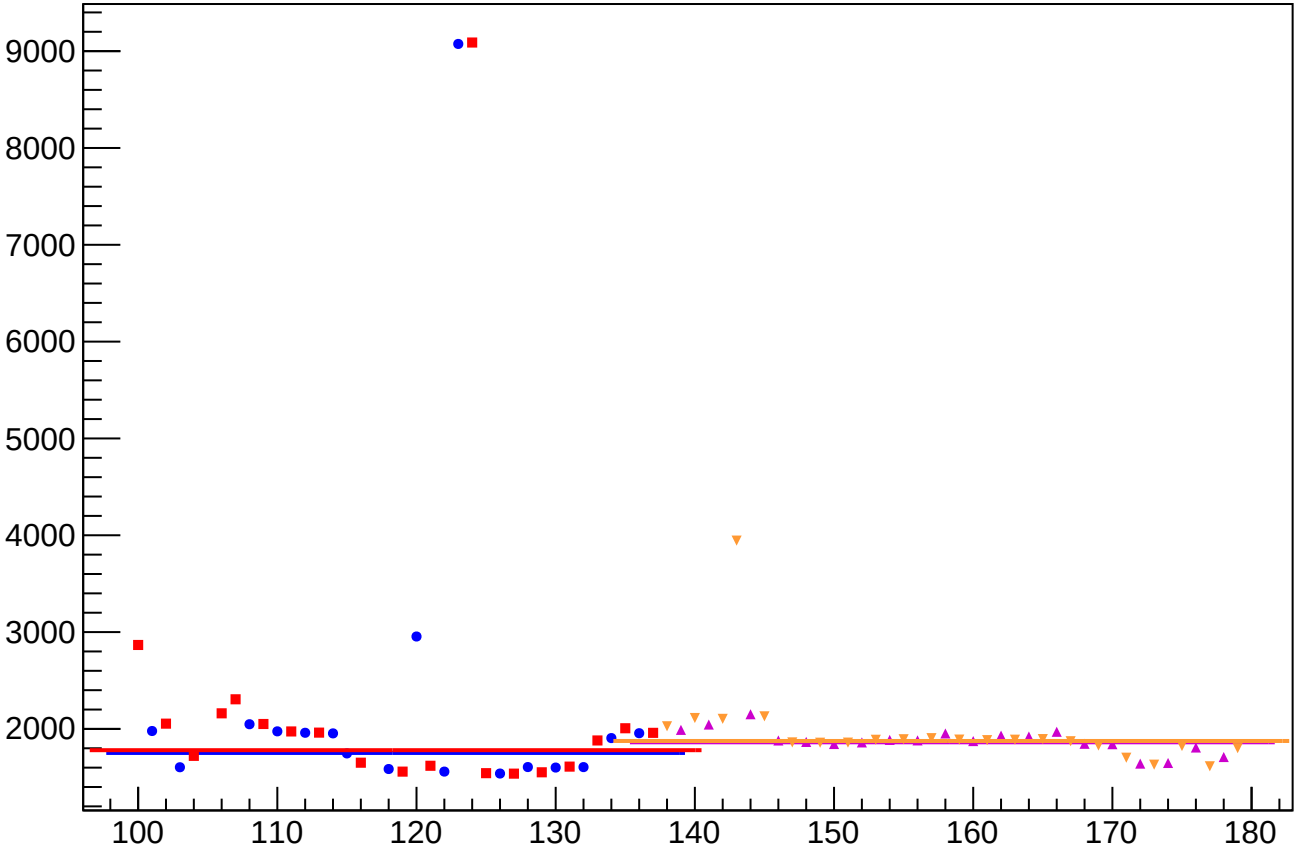
Right: -248.748+/-484.705 χ^2/NDF: 38.3/35

In: -339.343+/-389.160 χ^2/NDF:17.7/36

Out: -97.507+/-384.510 χ^2/NDF:56.0/40

All: -216.972+/-273.519 χ^2/NDF: 73.9/77

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1875.424+/-0.329 χ^2/NDF:519398.0/21

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

Left In: 1861.681+/-0.334 χ^2/NDF:131106.9/19

Left: 1868.661+/-0.234 χ^2/NDF: 651365.0/41

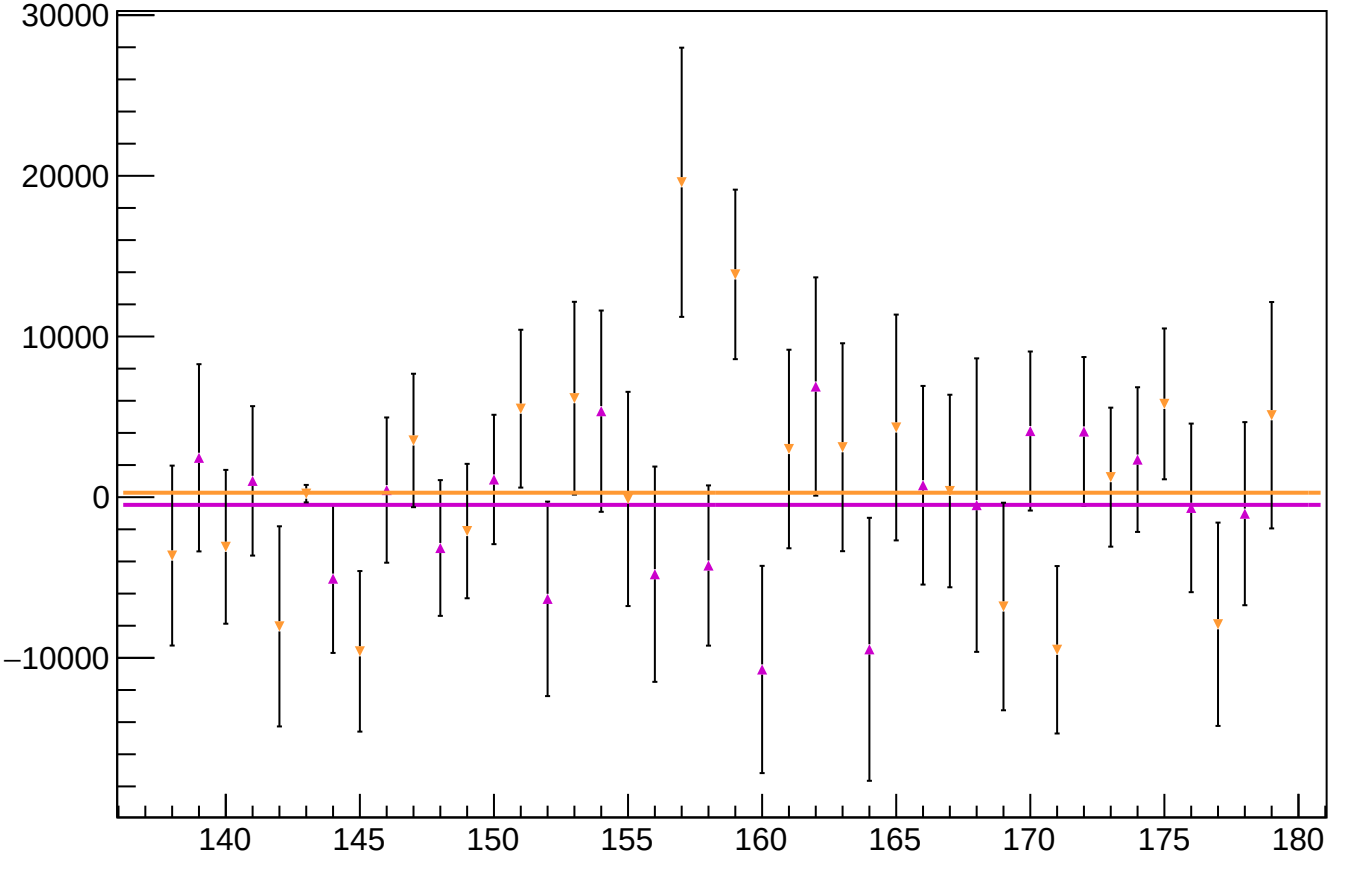
Right: 1766.106+/-0.342 χ^2/NDF: 730940.0/35

In: 1826.417+/-0.275 χ^2/NDF:466731.4/36

Out: 1845.285+/-0.272 χ^2/NDF:974283.6/40

All: 1835.969+/-0.193 χ^2/NDF: 1443395.2/77

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 277.982+/-494.229 χ^2/NDF:30.7/21

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

Left In: -478.165+/-1189.131 χ^2/NDF:11.9/19

Left: 166.604+/-456.380 χ^2/NDF: 43.0/41

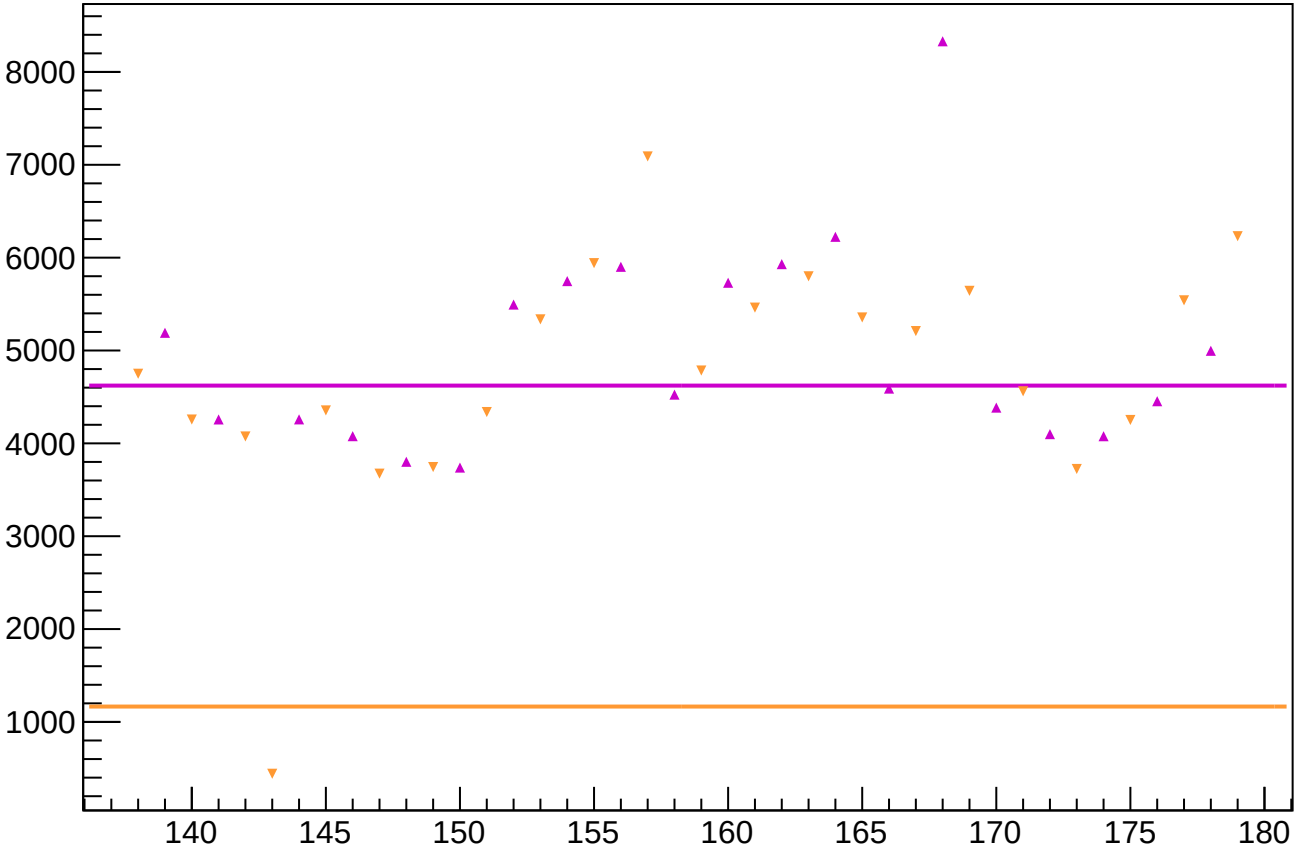
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -478.165+/-1189.131 χ^2/NDF:11.9/19

Out: 277.982+/-494.229 χ^2/NDF:30.7/21

All: 166.604+/-456.380 χ^2/NDF: 43.0/41

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1165.517+/-0.349 χ^2/NDF:21698565.7/21

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

Left In: 4622.047+/-0.841 χ^2/NDF:1033903.4/19

Left: 1674.654+/-0.323 χ^2/NDF: 37141975.4/41

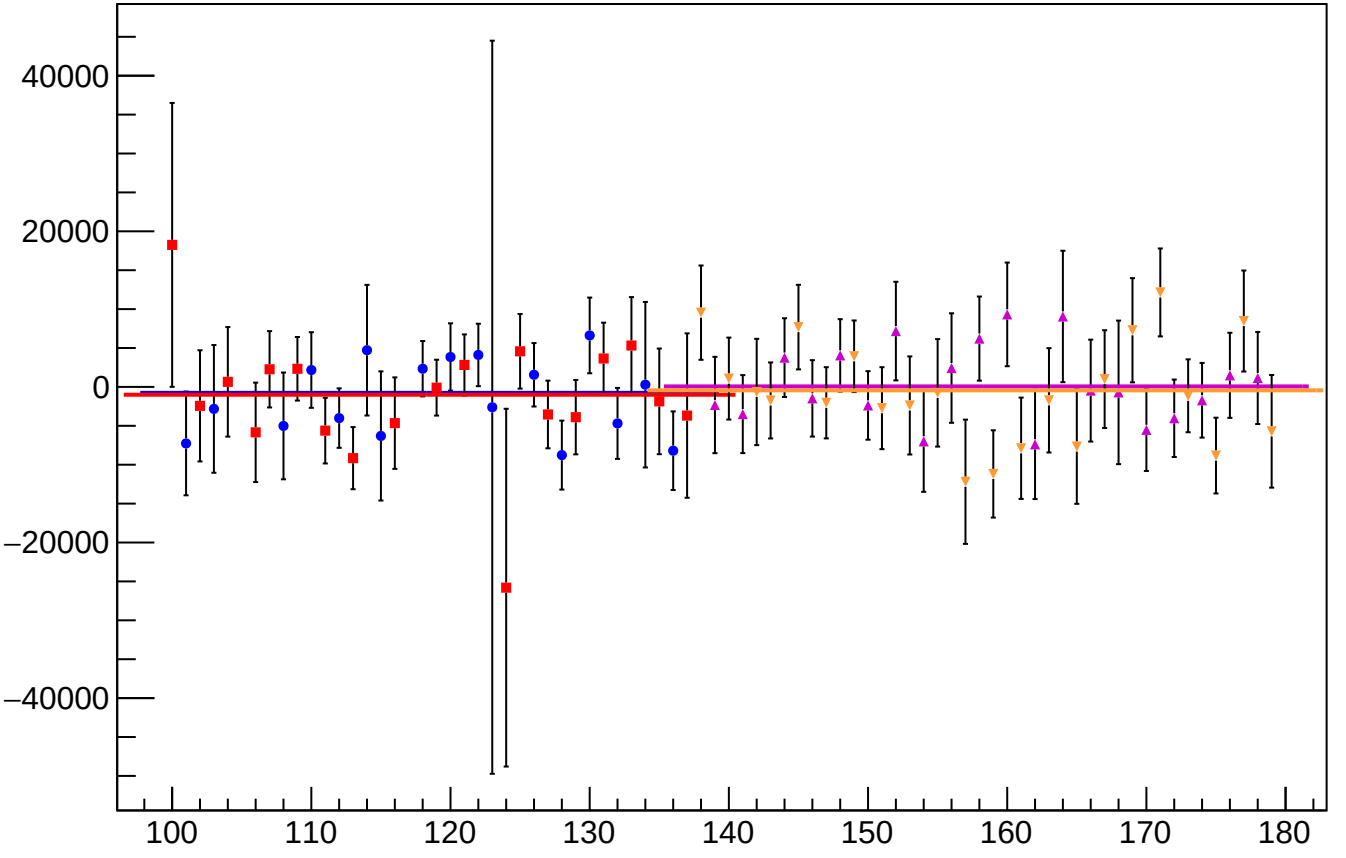
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4622.047+/-0.841 χ^2/NDF:1033903.4/19

Out: 1165.517+/-0.349 χ^2/NDF:21698565.7/21

All: 1674.654+/-0.323 χ^2/NDF: 37141975.4/4

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -440.829+/-1231.957 χ^2/NDF:26.3/21

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

Left In: 64.498+/-1269.457 χ^2/NDF:12.4/19

Left: -195.739+/-884.085 χ^2/NDF: 38.8/41

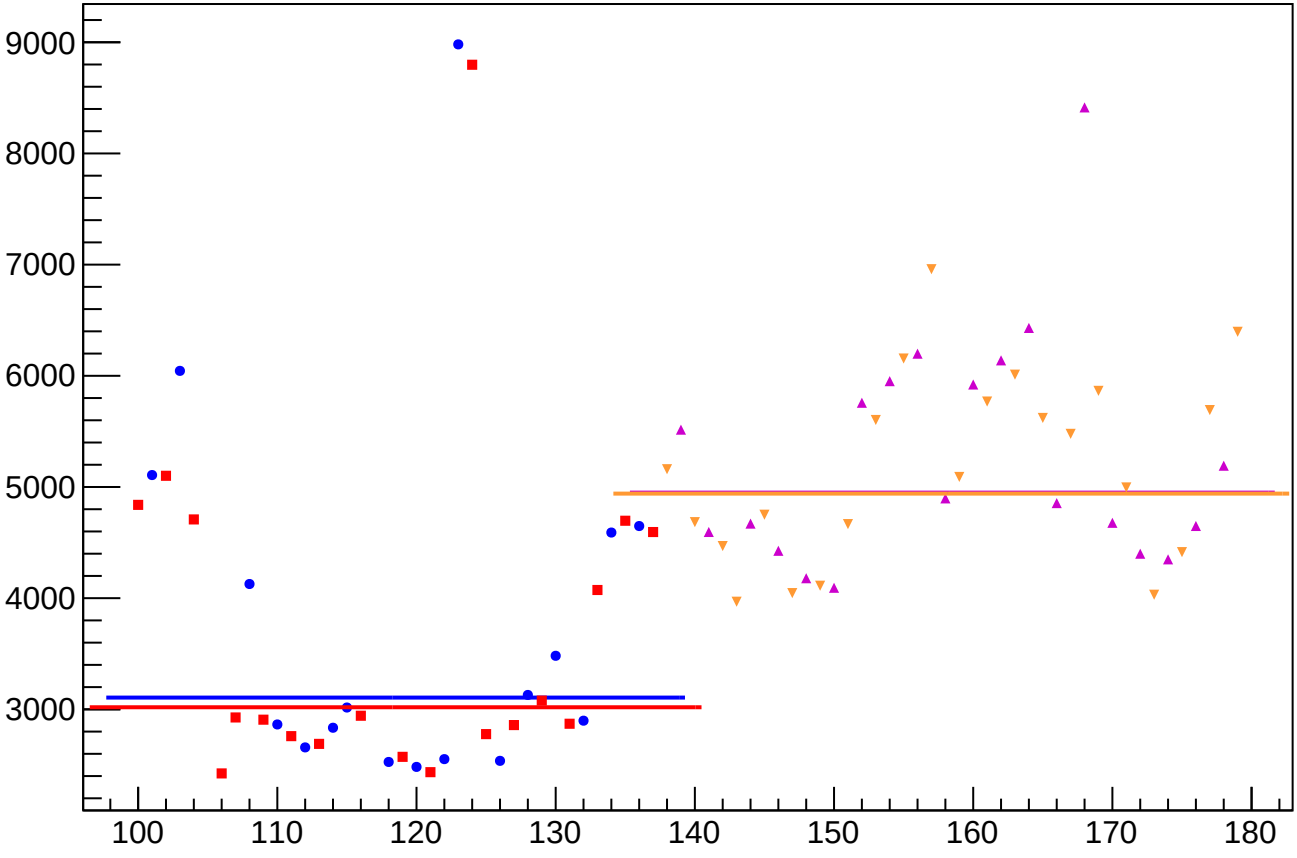
Right: -890.508+/-861.557 χ^2/NDF: 30.6/35

In: -357.473+/-889.851 χ^2/NDF:28.2/36

Out: -732.313+/-856.321 χ^2/NDF:41.4/40

All: -552.088+/-617.024 χ^2/NDF: 69.7/77

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4940.437+/-0.871 χ^2/NDF:818175.0/21

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

Left In: 4949.517+/-0.898 χ^2/NDF:843434.5/19

Left: 4944.841+/-0.625 χ^2/NDF: 1661662.2/41

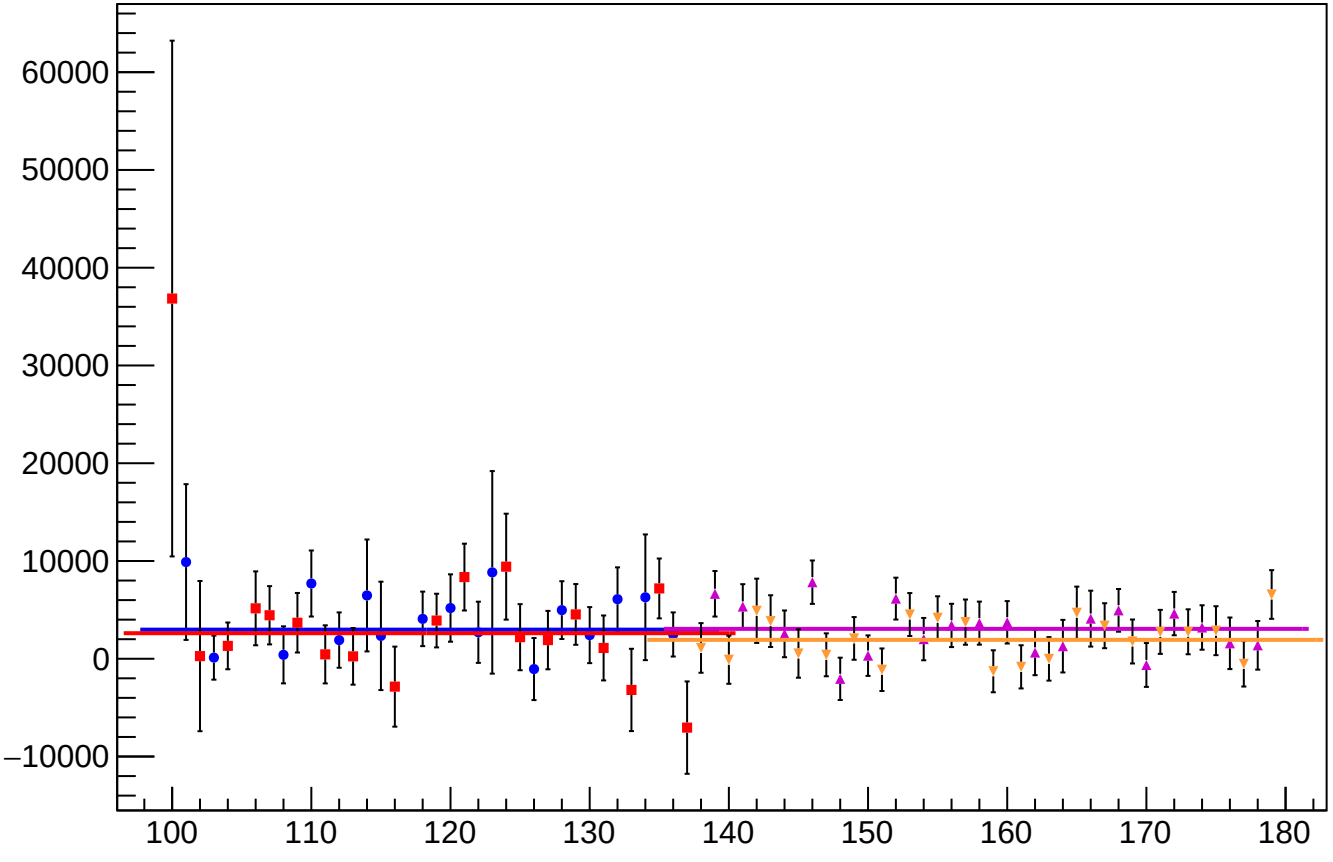
Right: 3059.752+/-0.605 χ^2/NDF: 1759257.8/35

In: 4011.747+/-0.629 χ^2/NDF:3948979.2/36

Out: 3935.207+/-0.602 χ^2/NDF:4157993.2/40

All: 3971.759+/-0.435 χ^2/NDF: 8114703.0/77

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1933.751+/-500.627 χ^2/NDF:19.0/21

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

Left In: 3056.173+/-512.201 χ^2/NDF:24.3/19

Left: 2482.137+/-358.019 χ^2/NDF: 45.7/41

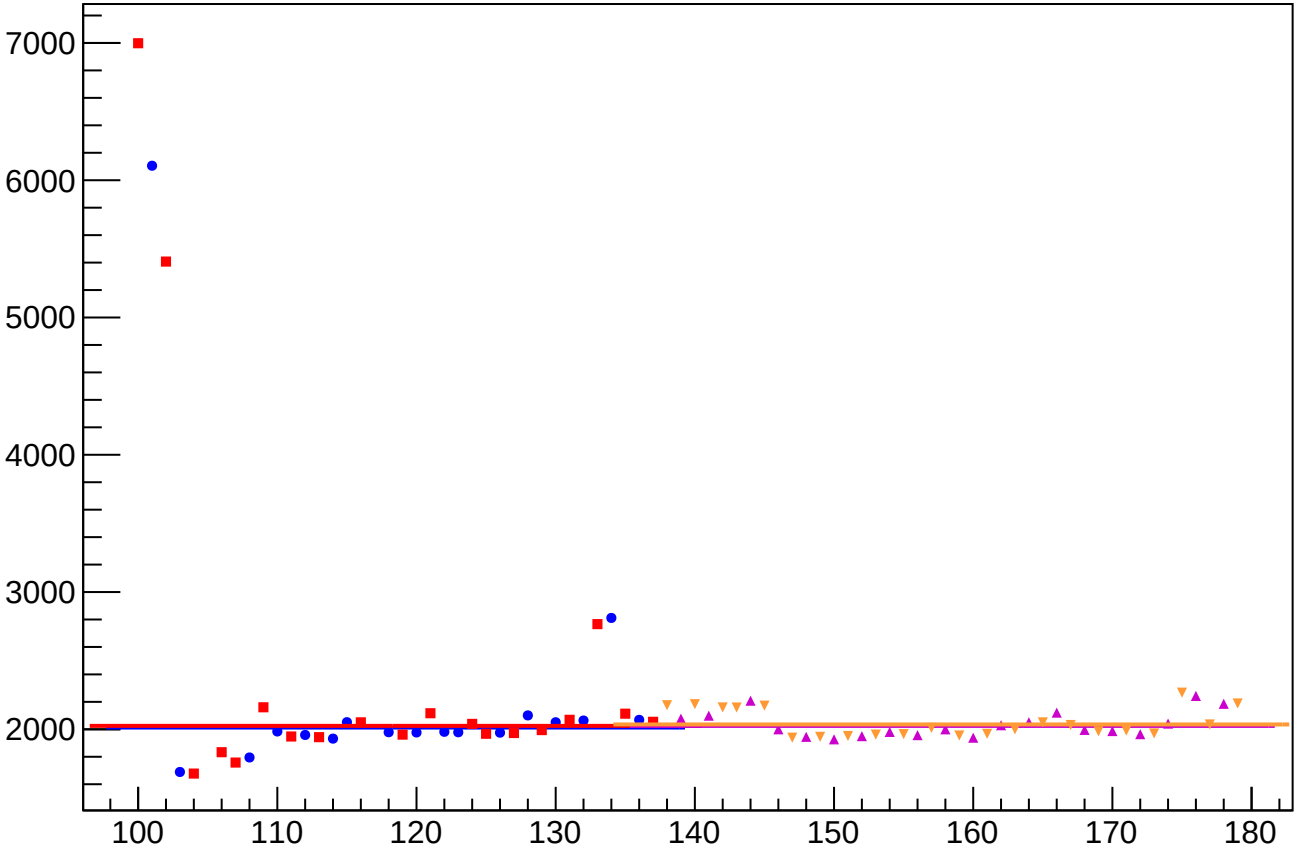
Right: 2793.353+/-558.079 χ^2/NDF: 29.6/35

In: 3033.389+/-430.637 χ^2/NDF:34.2/36

Out: 2131.025+/-421.820 χ^2/NDF:39.1/40

All: 2572.874+/-301.341 χ^2/NDF: 75.5/77

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2035.372+/-0.354 χ^2/NDF:74721.3/21

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

Left In: 2024.838+/-0.362 χ^2/NDF:57942.8/19

Left: 2030.226+/-0.253 χ^2/NDF: 133096.7/41

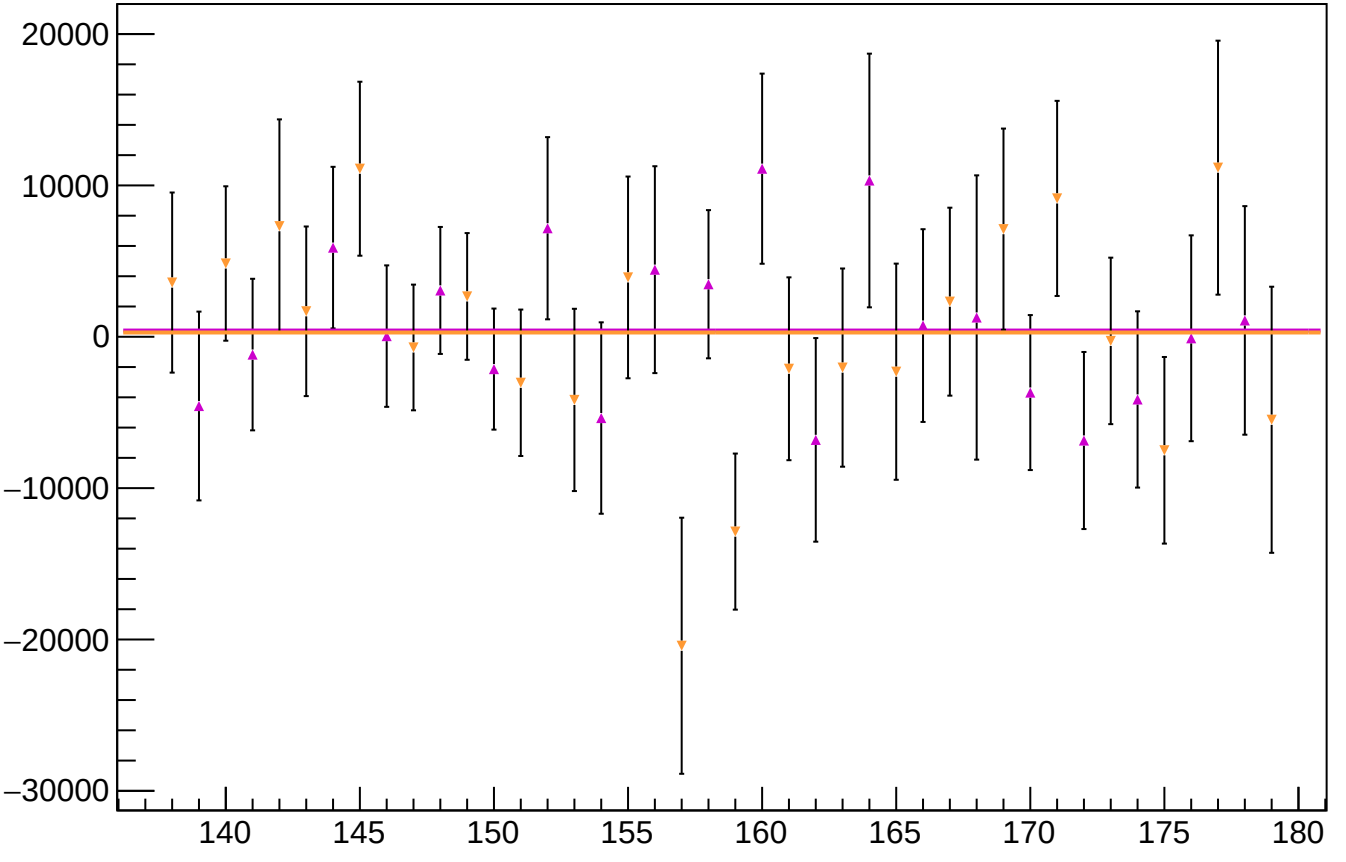
Right: 2019.103+/-0.395 χ^2/NDF: 1215366.0/35

In: 2021.352+/-0.305 χ^2/NDF:675966.2/36

Out: 2032.383+/-0.298 χ^2/NDF:672389.6/40

All: 2026.982+/-0.213 χ^2/NDF: 1349025.6/77

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 283.328+/-1252.052 χ^2/NDF:27.1/21

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

Left In: 410.773+/-1274.847 χ^2/NDF:13.7/19

Left: 345.901+/-893.284 χ^2/NDF: 40.8/41

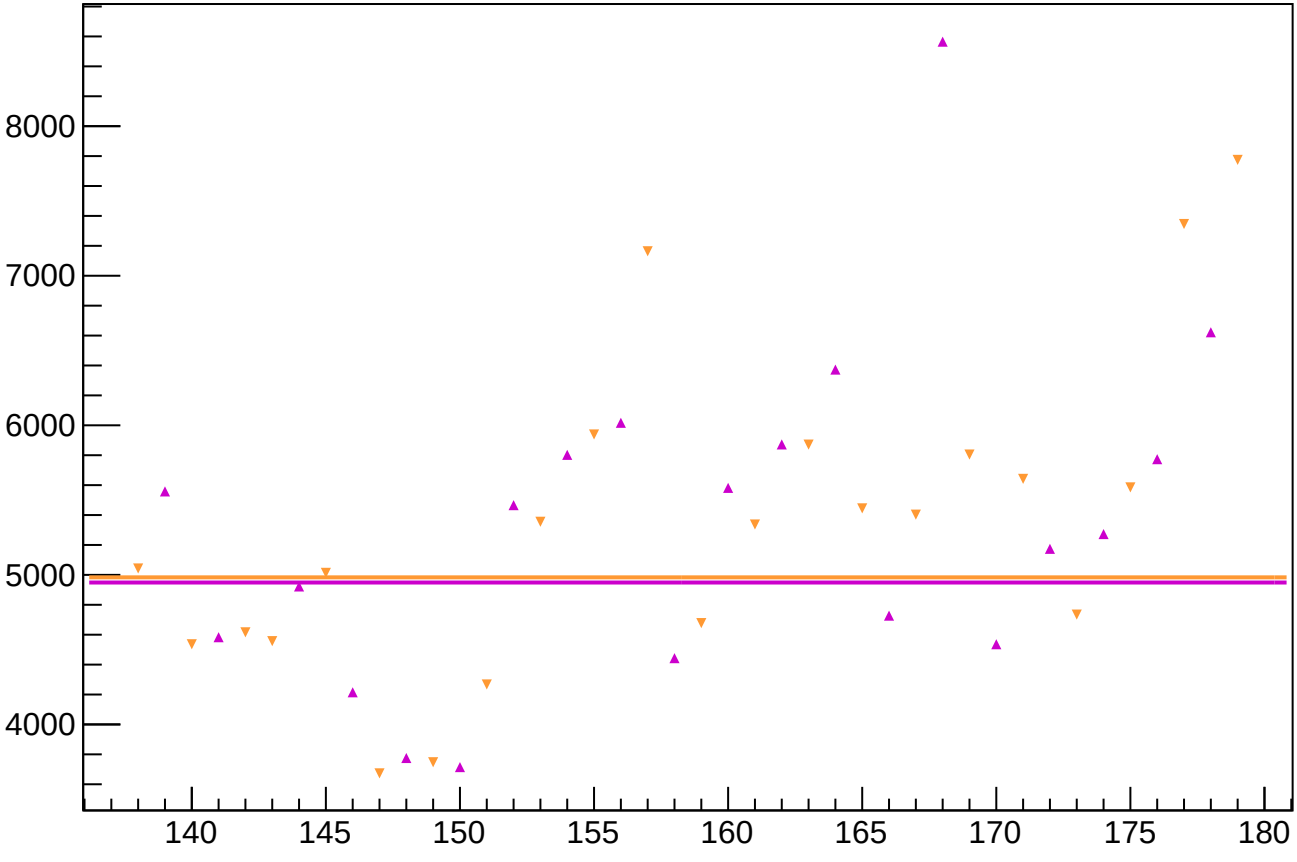
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 410.773+/-1274.847 χ^2/NDF:13.7/19

Out: 283.328+/-1252.052 χ^2/NDF:27.1/21

All: 345.901+/-893.284 χ^2/NDF: 40.8/41

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4983.436+/-0.885 χ^2/NDF:1134548.1/21

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

Left In: 4948.884+/-0.901 χ^2/NDF:1111848.6/19

Left: 4966.472+/-0.632 χ^2/NDF: 2247144.5/41

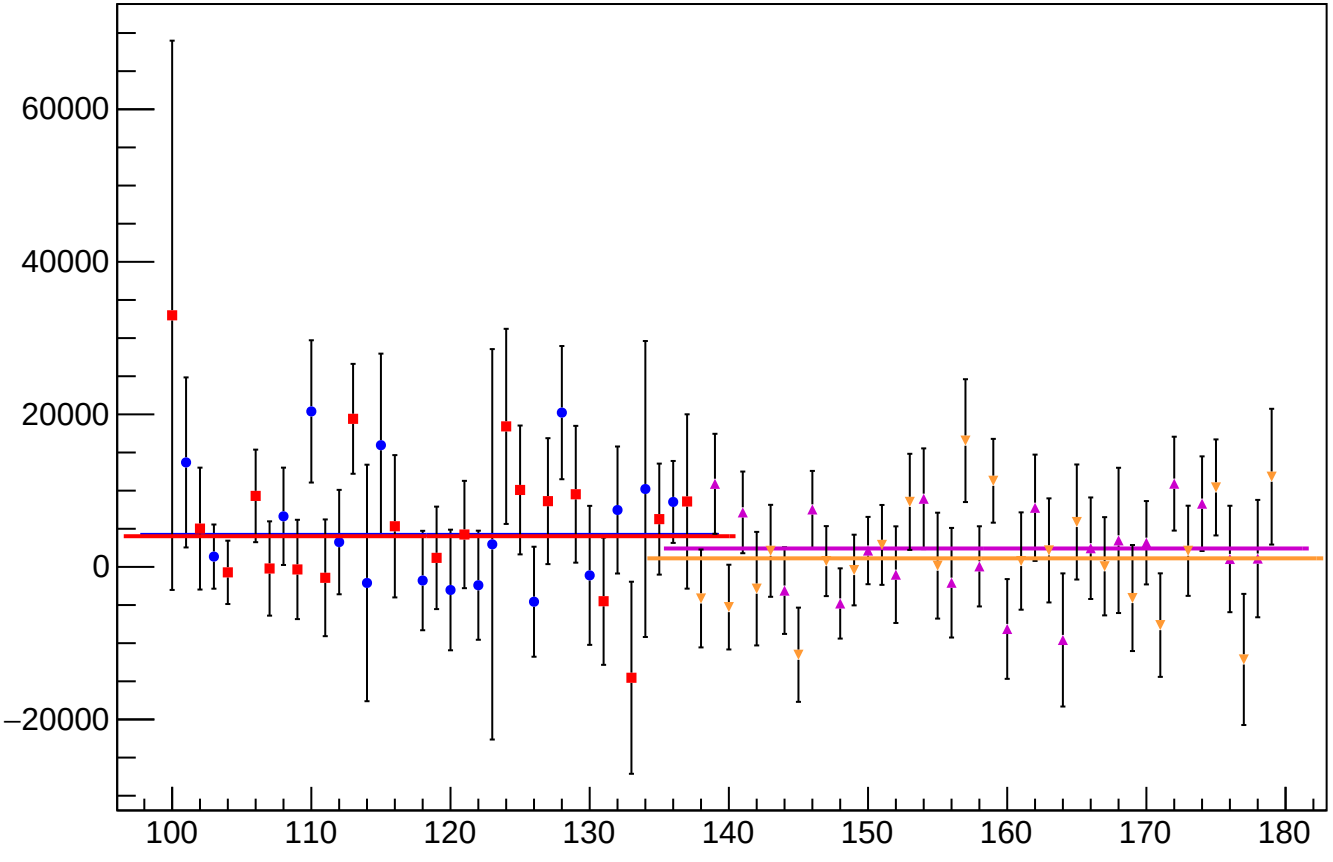
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4948.884+/-0.901 χ^2/NDF:1111848.6/19

Out: 4983.436+/-0.885 χ^2/NDF:1134548.1/21

All: 4966.472+/-0.632 χ^2/NDF: 2247144.5/41

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1123.107+/-1332.065 χ^2/NDF:23.9/21

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

Left In: 2416.601+/-1355.479 χ^2/NDF:16.7/19

Left: 1758.586+/-950.082 χ^2/NDF: 41.1/41

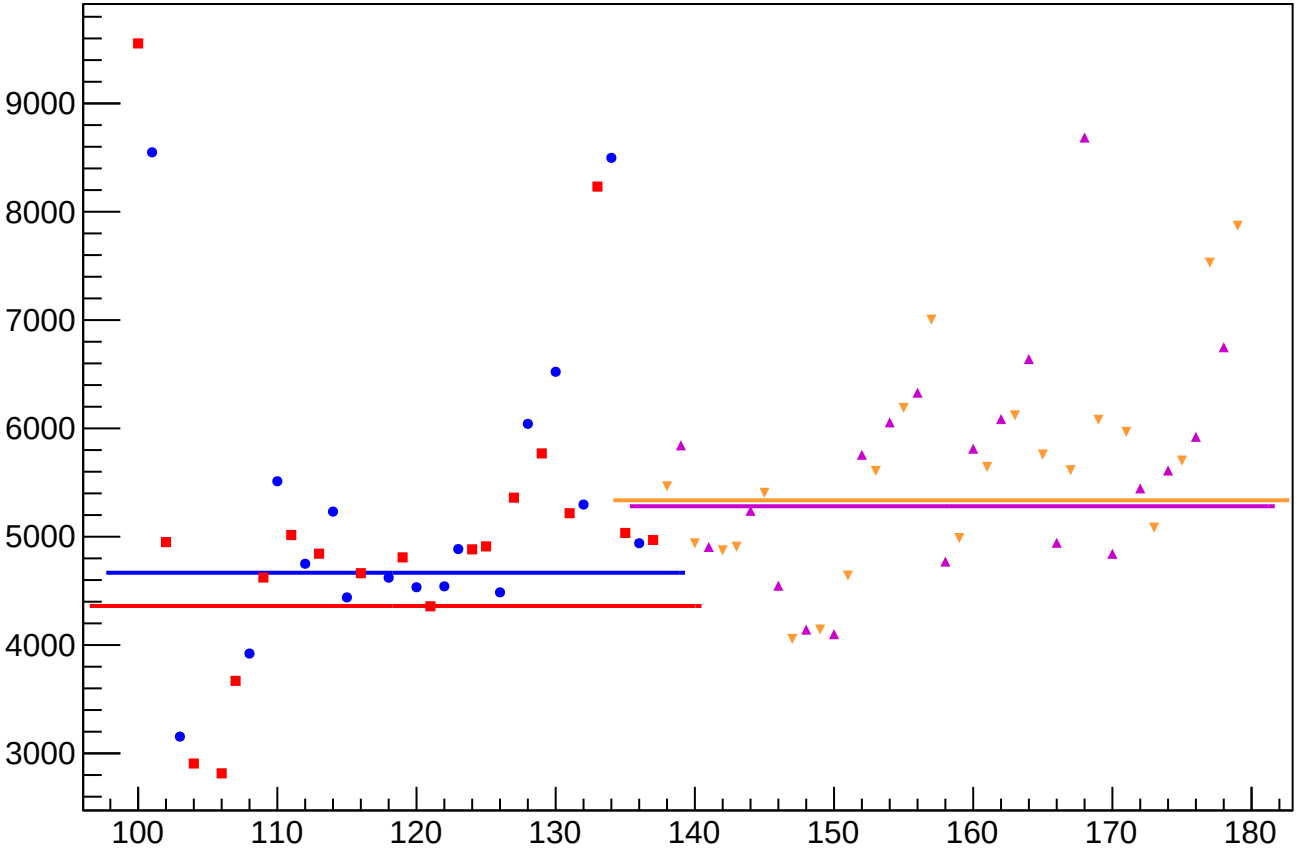
Right: 4104.755+/-1264.177 χ^2/NDF: 29.0/35

In: 3035.730+/-1095.004 χ^2/NDF:31.4/36

Out: 2206.485+/-1054.349 χ^2/NDF:40.6/40

All: 2605.428+/-759.503 χ^2/NDF: 72.3/77

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5336.533+/-0.942 χ^2/NDF:864316.8/21

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

Left In: 5281.373+/-0.958 χ^2/NDF:891219.6/19

Left: 5309.433+/-0.672 χ^2/NDF: 1757221.3/41

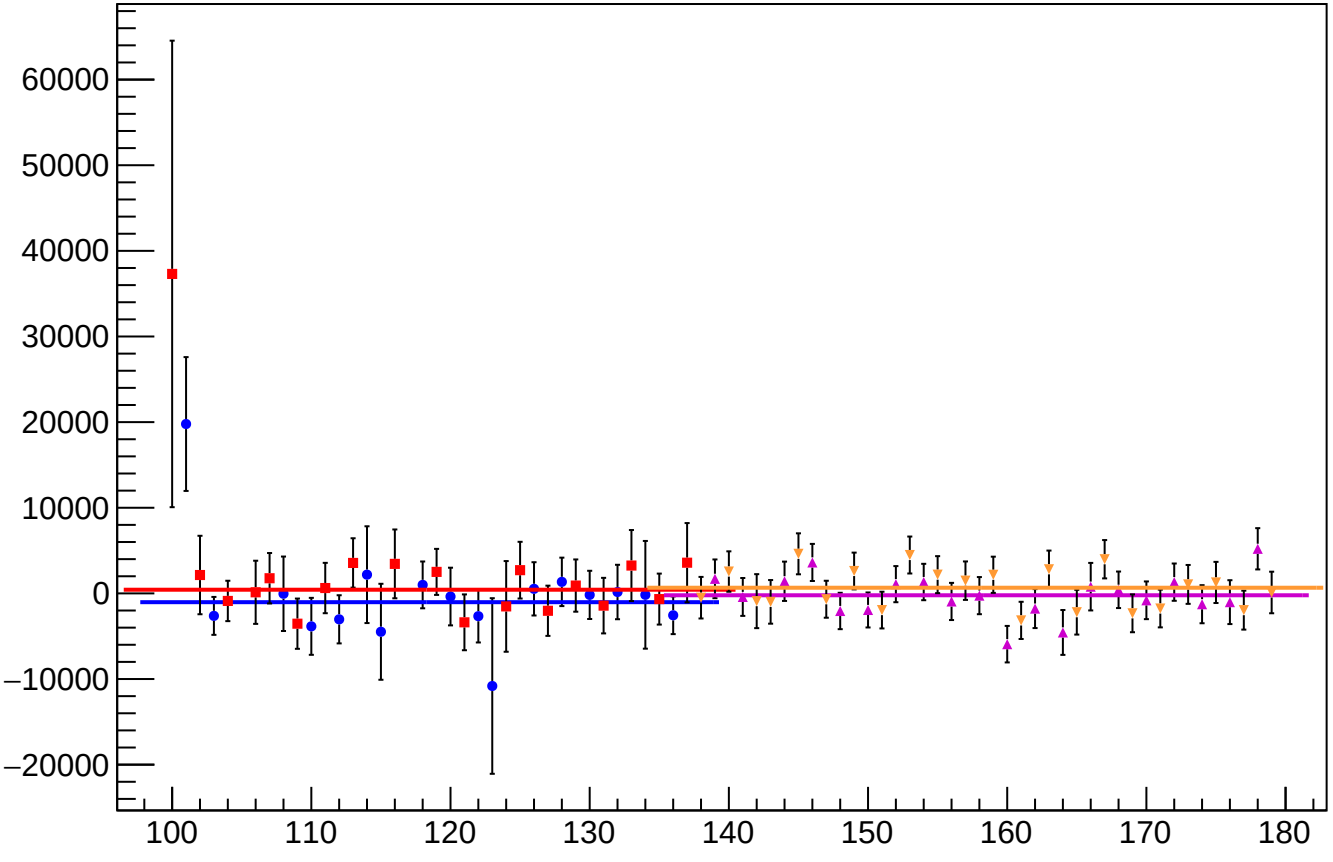
Right: 4501.800+/-0.891 χ^2/NDF: 1640064.7/35

In: 5068.102+/-0.774 χ^2/NDF:1811597.5/36

Out: 4969.362+/-0.744 χ^2/NDF:2100963.4/40

All: 5016.758+/-0.536 χ^2/NDF: 3921017.2/77

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 660.373+/-488.634 χ^2/NDF:23.2/21

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

Left In: -219.321+/-500.745 χ^2/NDF:23.4/19

Left: 231.293+/-349.720 χ^2/NDF: 48.2/41

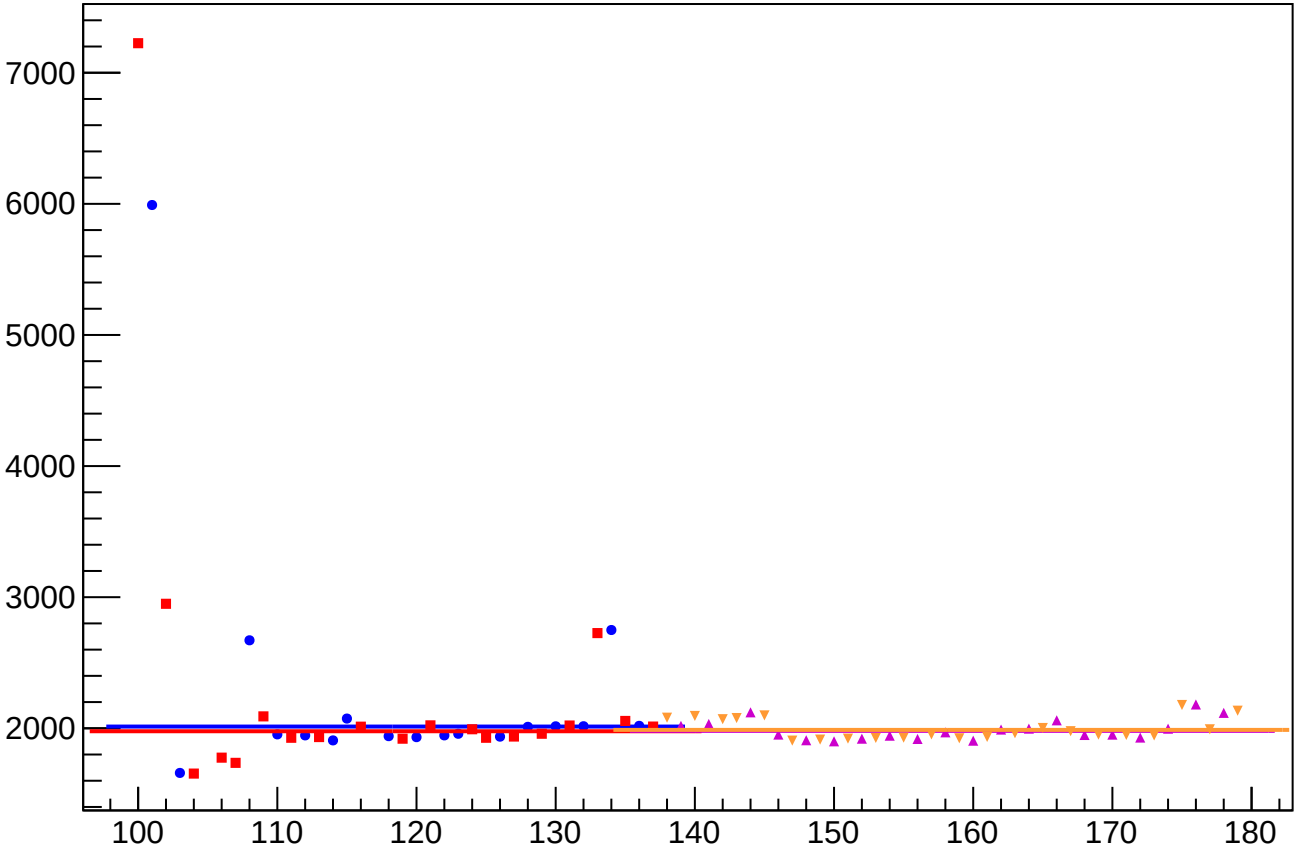
Right: -265.860+/-550.193 χ^2/NDF: 25.6/35

In: -448.093+/-423.942 χ^2/NDF:37.2/36

Out: 592.657+/-411.142 χ^2/NDF:34.1/40

All: 88.231+/-295.143 χ^2/NDF: 74.4/77

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1987.794+/-0.346 χ^2/NDF:50944.4/21

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

Left In: 1980.369+/-0.354 χ^2/NDF:43904.9/19

Left: 1984.173+/-0.247 χ^2/NDF: 95074.6/41

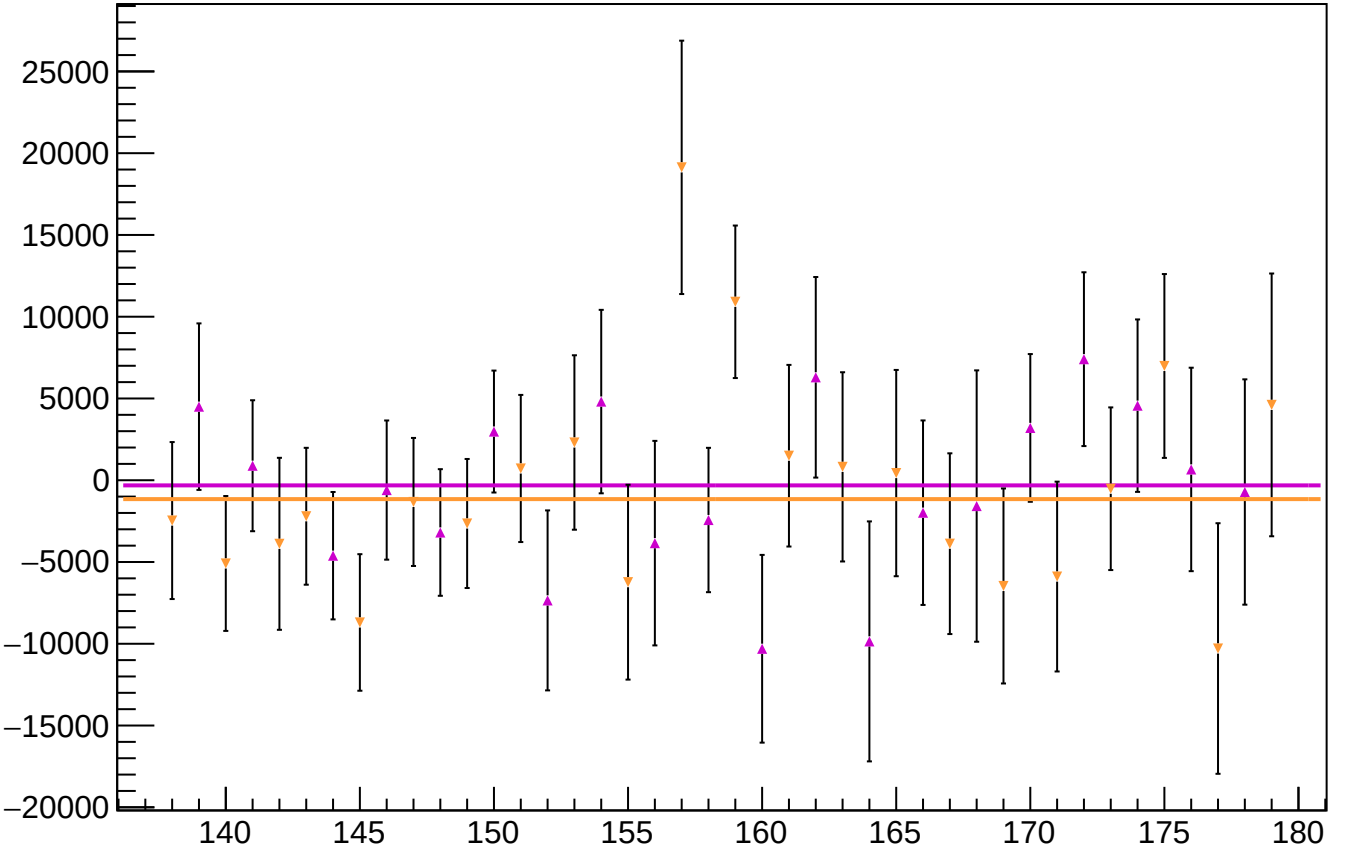
Right: 1994.568+/-0.389 χ^2/NDF: 947053.5/35

In: 1989.688+/-0.300 χ^2/NDF:696398.9/36

Out: 1984.797+/-0.291 χ^2/NDF:346100.9/40

All: 1987.166+/-0.209 χ^2/NDF: 1042637.0/77

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1154.151+/-1090.949 χ^2/NDF:25.8/21

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

Left In: -314.646+/-1124.257 χ^2/NDF:16.1/19

Left: -747.019+/-782.928 χ^2/NDF: 42.2/41

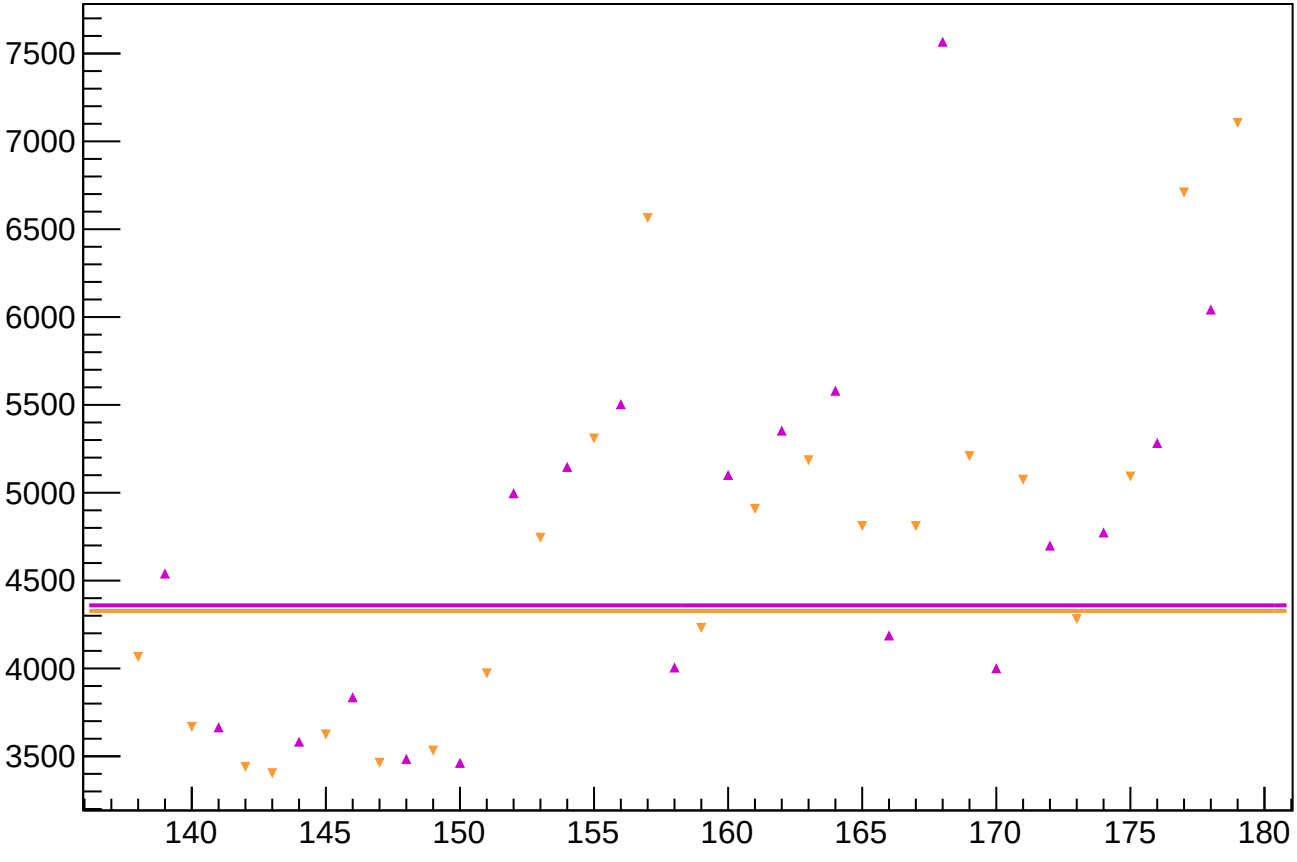
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -314.646+/-1124.257 χ^2/NDF:16.1/19

Out: -1154.151+/-1090.949 χ^2/NDF:25.8/21

All: -747.019+/-782.928 χ^2/NDF: 42.2/41

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4327.298+/-0.771 χ^2/NDF:1332543.0/21

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

Left In: 4359.062+/-0.795 χ^2/NDF:1174924.8/19

Left: 4342.702+/-0.554 χ^2/NDF: 2508290.0/41

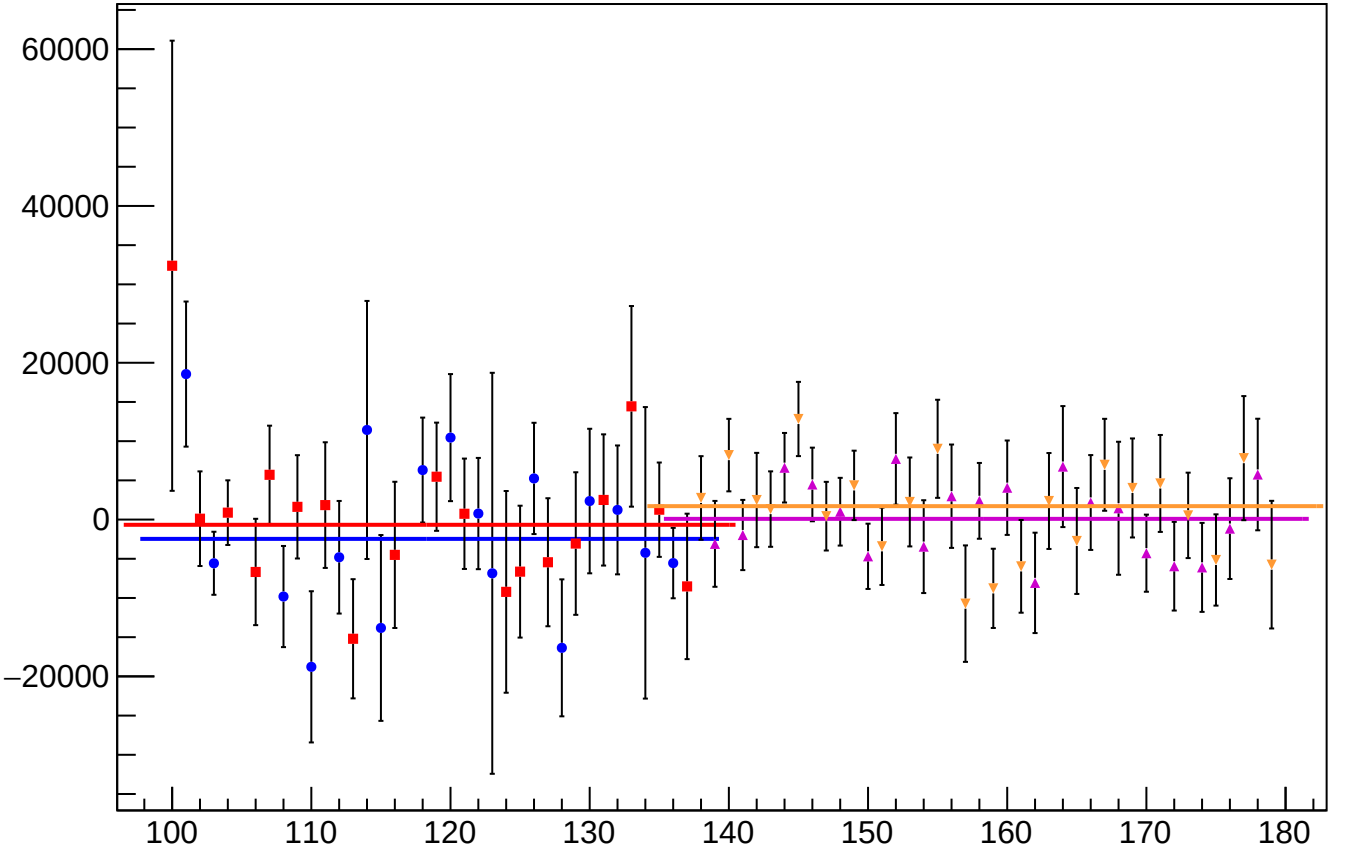
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4359.062+/-0.795 χ^2/NDF:1174924.8/19

Out: 4327.298+/-0.771 χ^2/NDF:1332543.0/21

All: 4342.702+/-0.554 χ^2/NDF: 2508290.0/41

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1711.467+/-1188.859 χ^2/NDF:23.7/21

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

Left In: 91.720+/-1219.806 χ^2/NDF:14.2/19

Left: 922.401+/-851.381 χ^2/NDF: 38.8/41

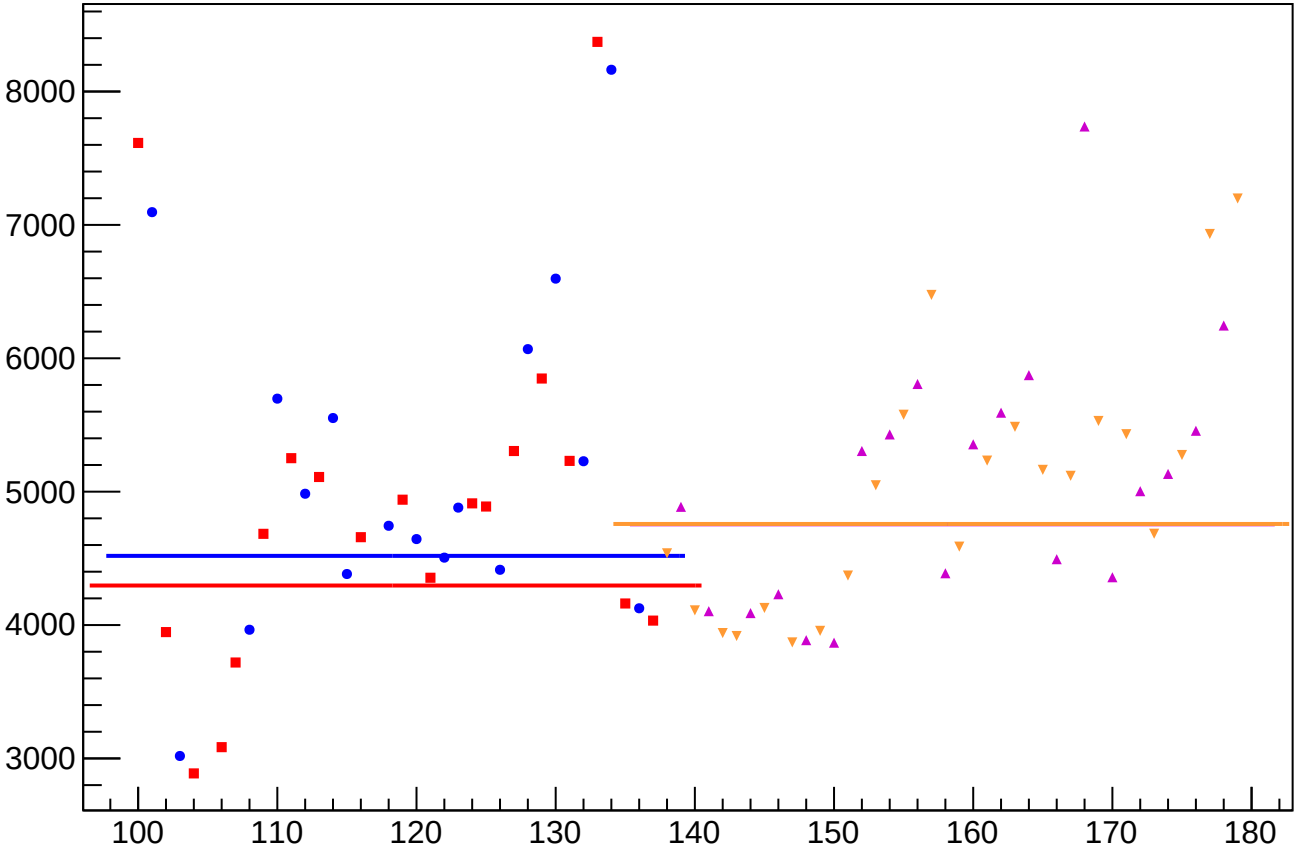
Right: -1508.905+/-1231.122 χ^2/NDF: 33.3/35

In: -713.701+/-1009.304 χ^2/NDF:36.4/36

Out: 924.249+/-972.329 χ^2/NDF:37.0/40

All: 135.826+/-700.247 χ^2/NDF: 74.7/77

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4757.840+/-0.841 χ^2/NDF:941294.8/21

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

Left In: 4755.268+/-0.863 χ^2/NDF:875661.7/19

Left: 4756.587+/-0.602 χ^2/NDF: 1816961.0/41

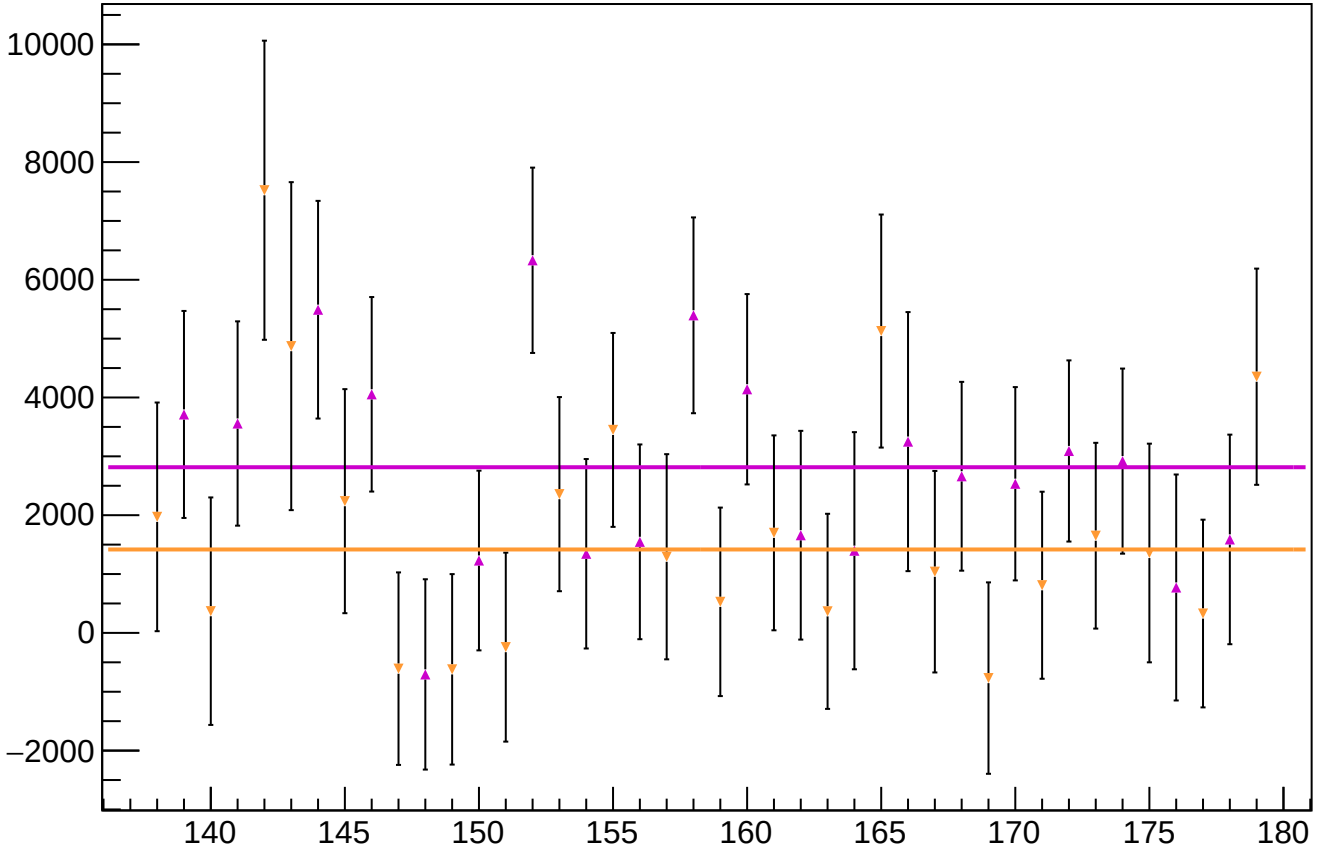
Right: 4400.071+/-0.868 χ^2/NDF: 1558255.2/35

In: 4680.659+/-0.714 χ^2/NDF:1669614.7/36

Out: 4603.915+/-0.686 χ^2/NDF:1813508.1/40

All: 4640.785+/-0.495 χ^2/NDF: 3489130.7/77

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: 1417.511+/-373.439 χ^2/NDF:23.2/21

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

Left In: 2814.965+/-378.871 χ^2/NDF:21.0/19

Left: 2106.148+/-265.961 χ^2/NDF: 51.1/41

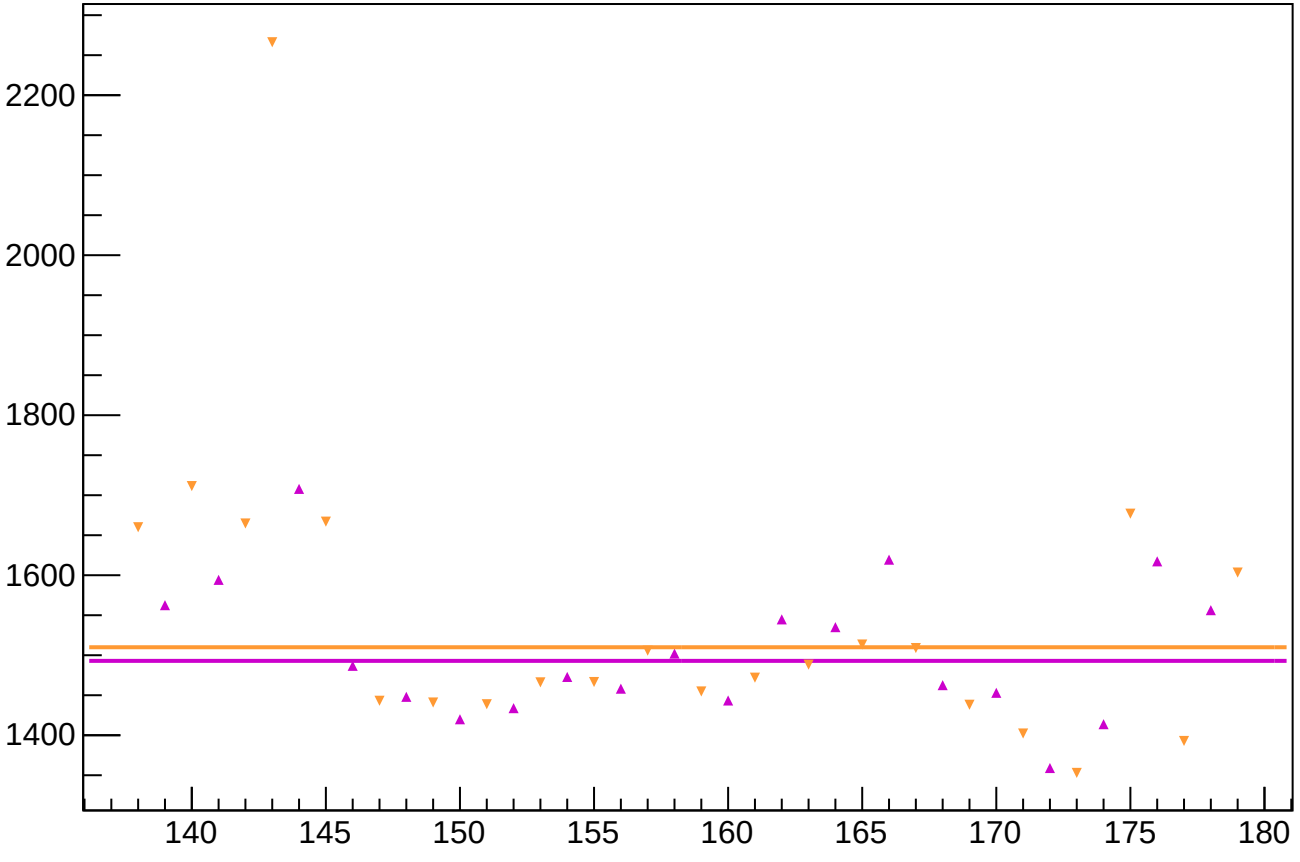
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2814.965+/-378.871 χ^2/NDF:21.0/19

Out: 1417.511+/-373.439 χ^2/NDF:23.2/21

All: 2106.148+/-265.961 χ^2/NDF: 51.1/41

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: 1509.979+/-0.264 χ^2/NDF:284499.7/21

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

Left In: 1492.952+/-0.268 χ^2/NDF:91274.5/19

Left: 1501.589+/-0.188 χ^2/NDF: 377823.2/41

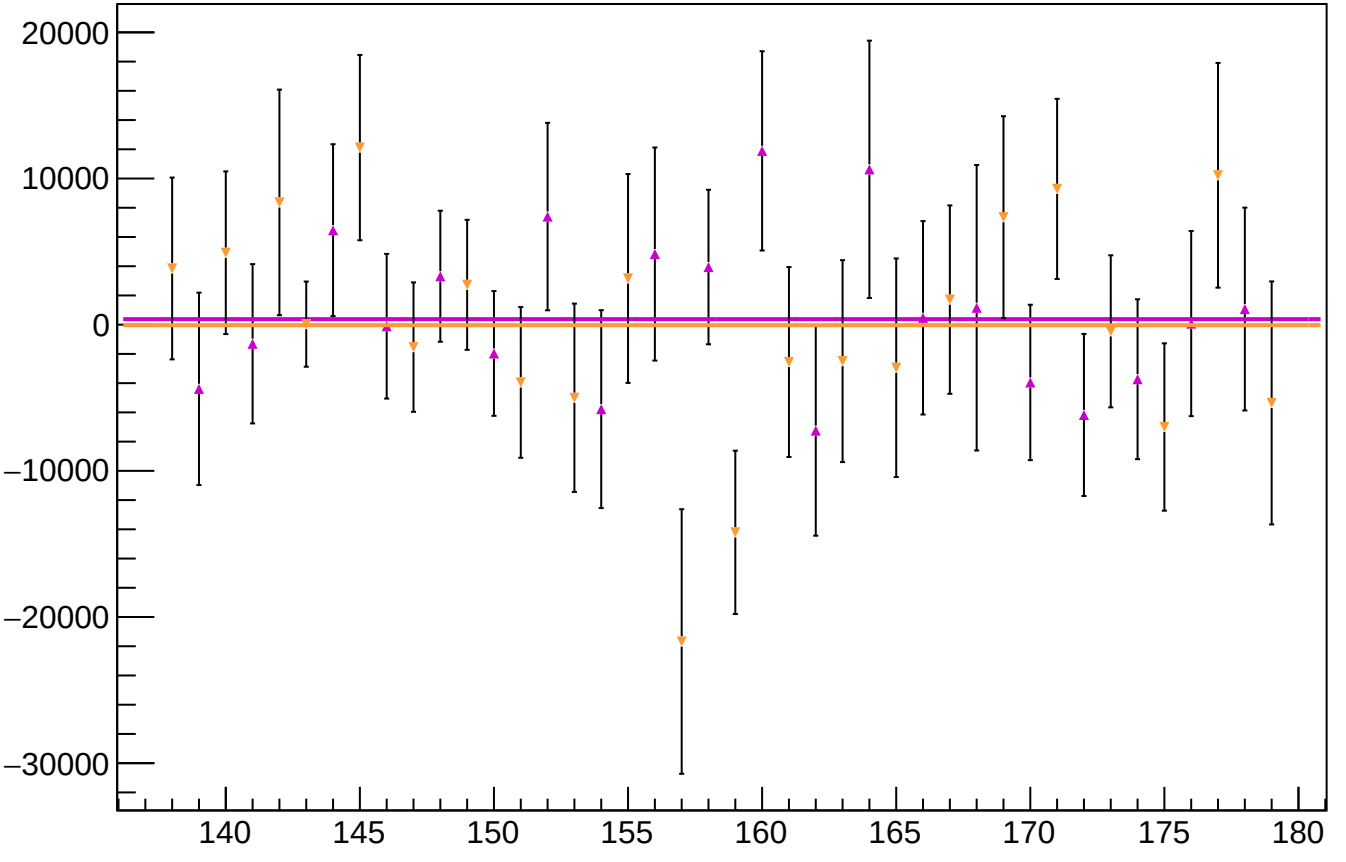
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1492.952+/-0.268 χ^2/NDF:91274.5/19

Out: 1509.979+/-0.264 χ^2/NDF:284499.7/21

All: 1501.589+/-0.188 χ^2/NDF: 377823.2/41

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: -33.019+/-1214.941 χ^2/NDF:27.7/21

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

Left In: 379.817+/-1329.117 χ^2/NDF:13.3/19

Left: 154.908+/-896.746 χ^2/NDF: 41.0/41

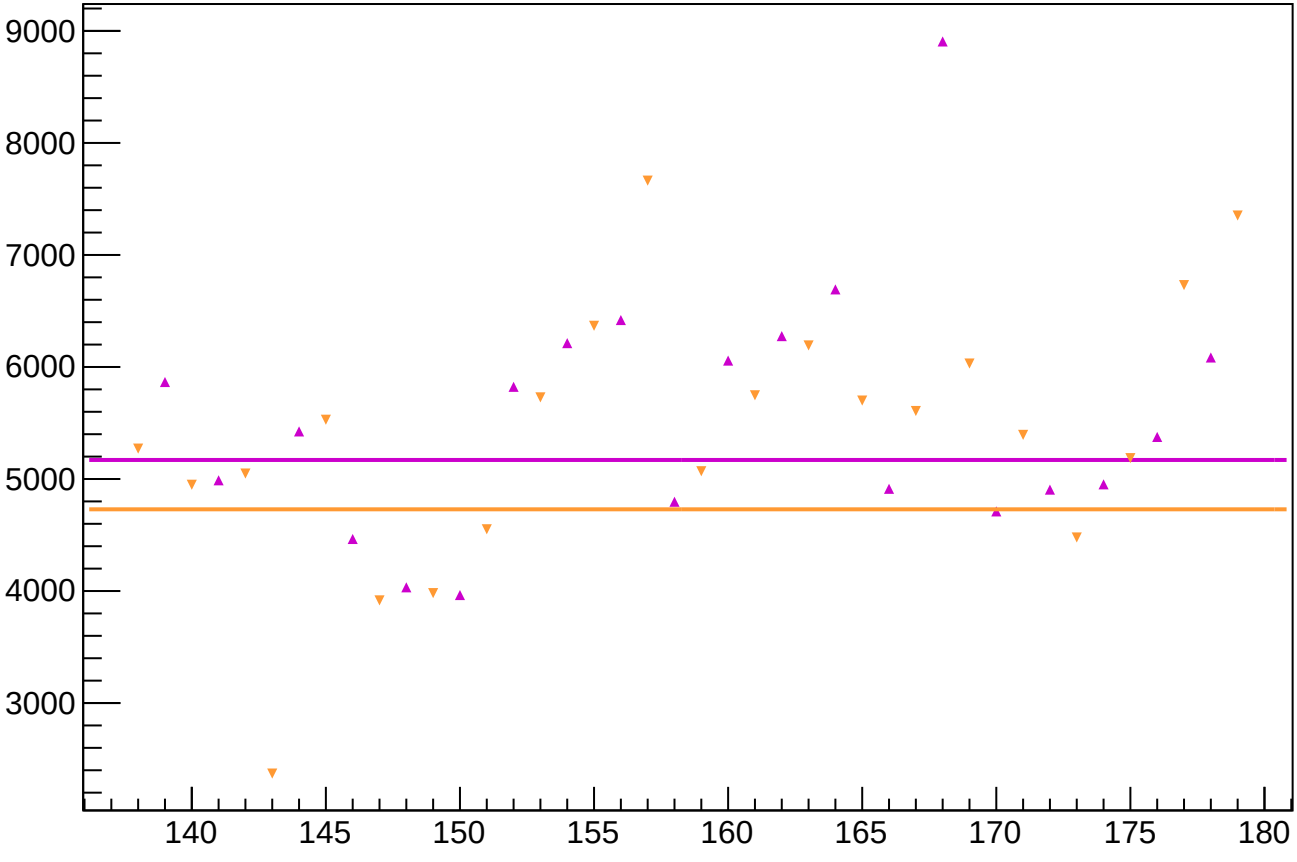
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 379.817+/-1329.117 χ^2/NDF:13.3/19

Out: -33.019+/-1214.941 χ^2/NDF:27.7/21

All: 154.908+/-896.746 χ^2/NDF: 41.0/41

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: 4729.366+/-0.859 χ^2/NDF:2517297.9/21

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

Left In: 5169.983+/-0.940 χ^2/NDF:990473.2/19

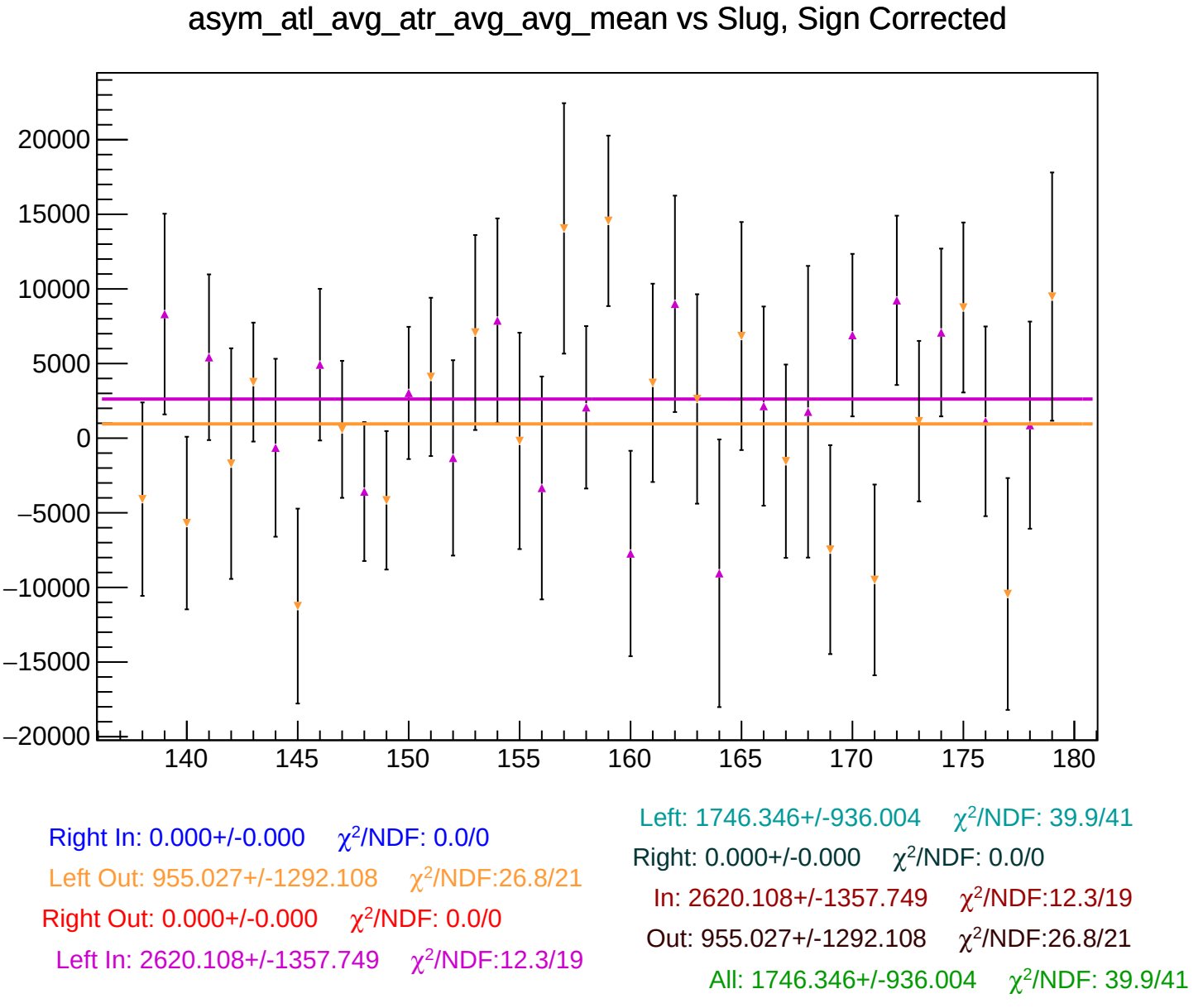
Left: 4929.939+/-0.634 χ^2/NDF: 3627515.7/41

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

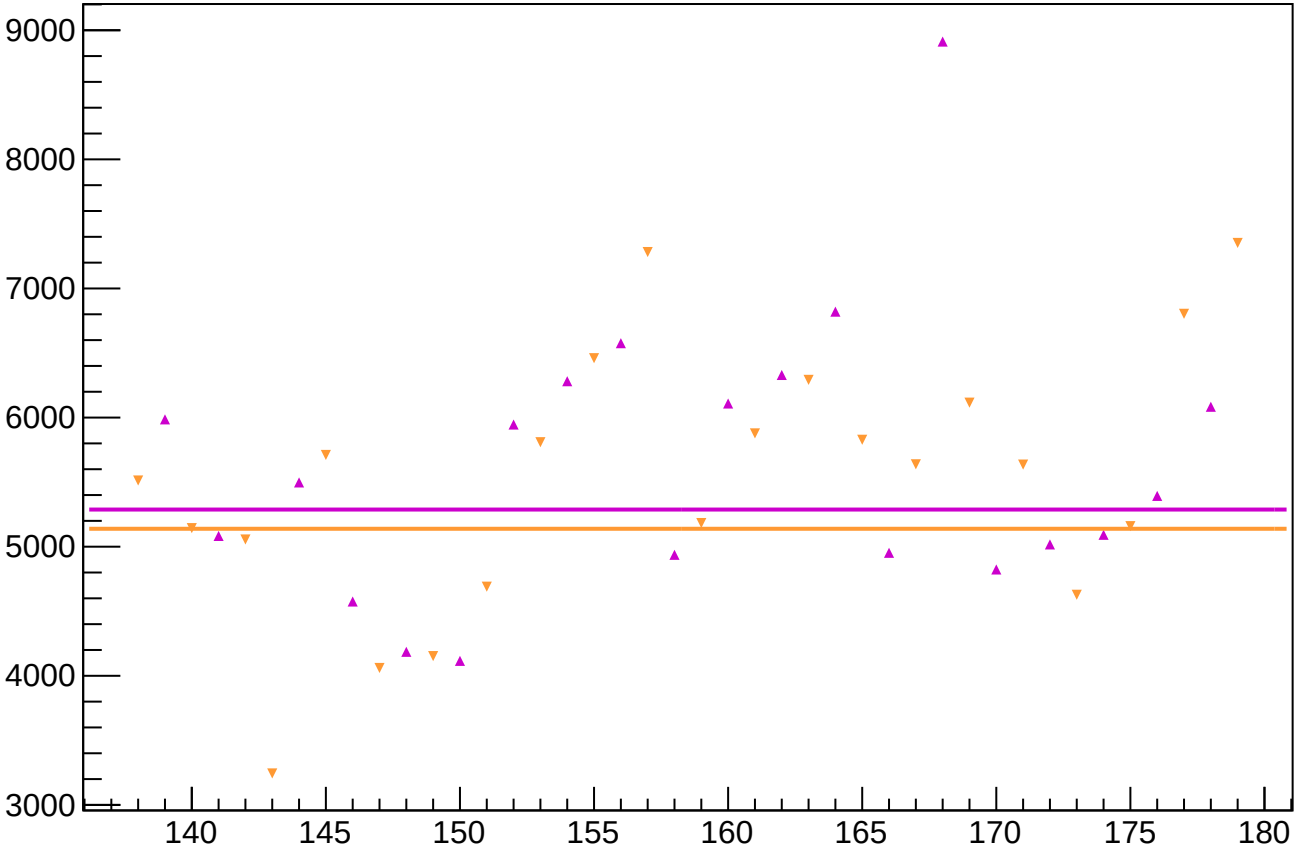
In: 5169.983+/-0.940 χ^2/NDF:990473.2/19

Out: 4729.366+/-0.859 χ^2/NDF:2517297.9/21

All: 4929.939+/-0.634 χ^2/NDF: 3627515.7/41


asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected
20000
15000
10000
5000
0
−5000
−10000
−15000
−20000
140
145
150
155
160
165
170
175
180
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: 955.027+/-1292.108 χ²/NDF:26.8/21
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 2620.108+/-1357.749 χ²/NDF:12.3/19
Left: 1746.346+/-936.004 χ²/NDF: 39.9/41
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: 2620.108+/-1357.749 χ²/NDF:12.3/19
Out: 955.027+/-1292.108 χ²/NDF:26.8/21
All: 1746.346+/-936.004 χ²/NDF: 39.9/41

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: 5138.774+/-0.914 χ^2/NDF:1317373.7/21

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

Left In: 5287.656+/-0.960 χ^2/NDF:905213.0/19

Left: 5209.529+/-0.662 χ^2/NDF: 2235206.0/41

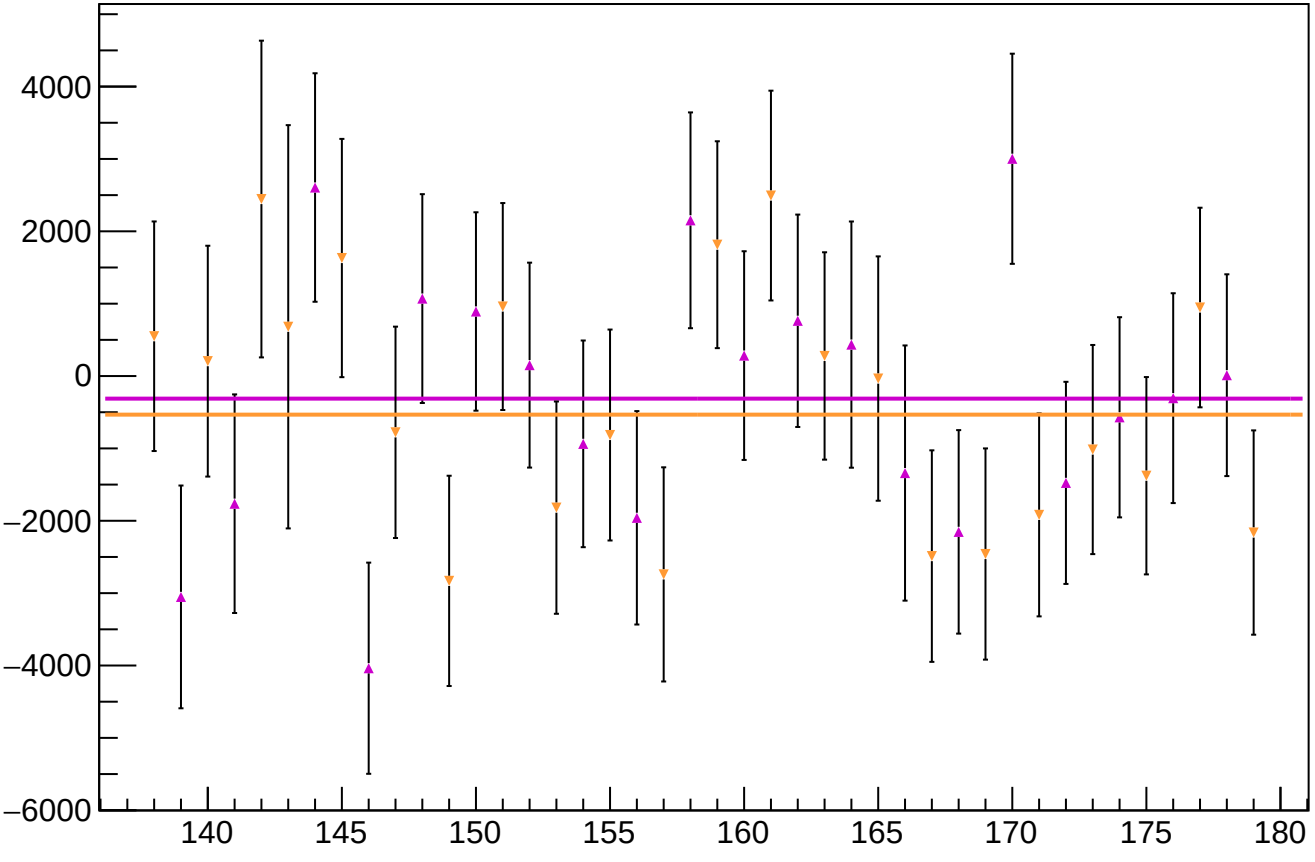
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5287.656+/-0.960 χ^2/NDF:905213.0/19

Out: 5138.774+/-0.914 χ^2/NDF:1317373.7/21

All: 5209.529+/-0.662 χ^2/NDF: 2235206.0/41

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: -533.329+/-322.492 χ^2/NDF:26.1/21

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

Left In: -312.094+/-328.596 χ^2/NDF:28.9/19

Left: -424.785+/-230.164 χ^2/NDF: 55.2/41

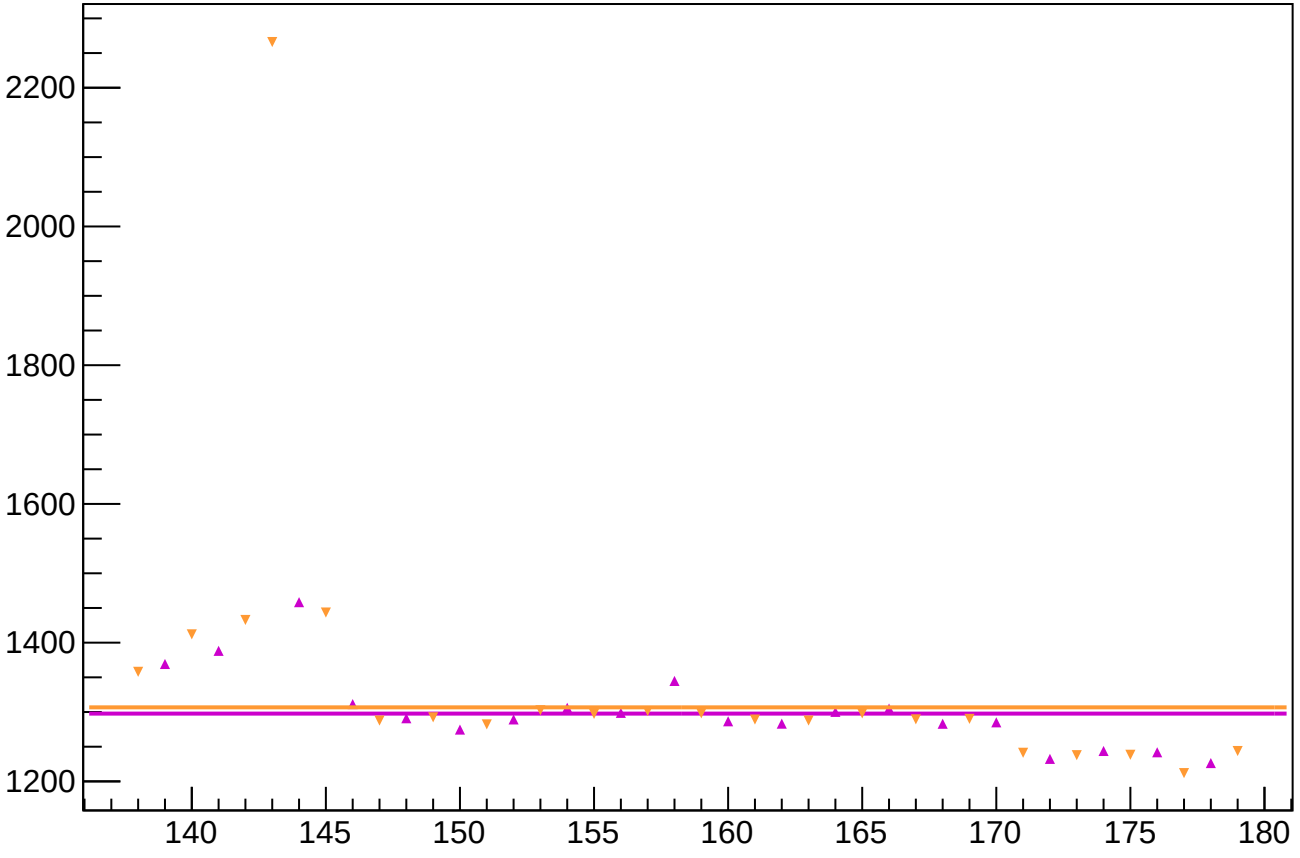
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -312.094+/-328.596 χ^2/NDF:28.9/19

Out: -533.329+/-322.492 χ^2/NDF:26.1/21

All: -424.785+/-230.164 χ^2/NDF: 55.2/41

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: 1306.741+/-0.228 χ^2/NDF:298143.5/21

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

Left In: 1297.715+/-0.232 χ^2/NDF:51432.1/19

Left: 1302.313+/-0.163 χ^2/NDF: 350344.3/41

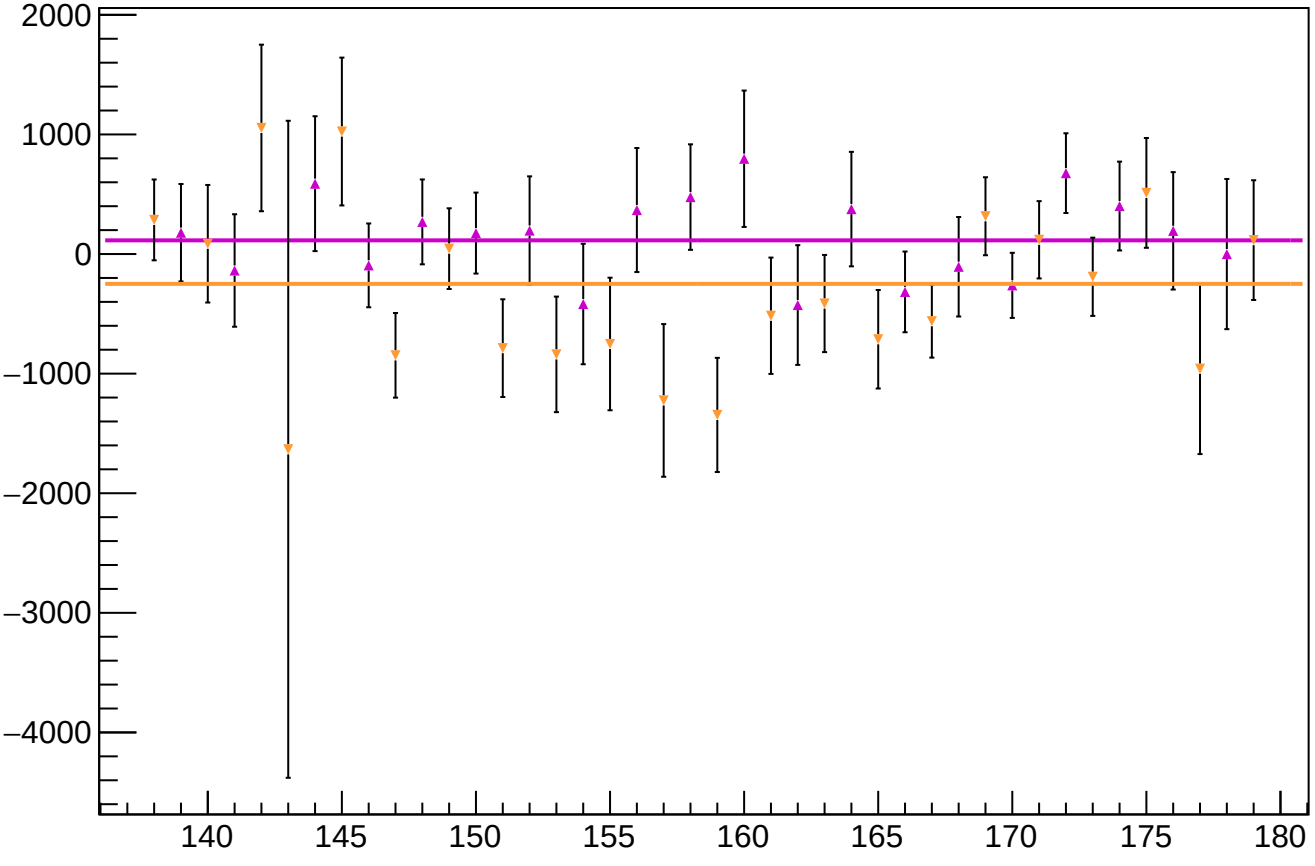
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1297.715+/-0.232 χ^2/NDF:51432.1/19

Out: 1306.741+/-0.228 χ^2/NDF:298143.5/21

All: 1302.313+/-0.163 χ^2/NDF: 350344.3/41

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -249.324+/-90.964 χ^2/NDF:37.6/21

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

Left In: 114.480+/-91.817 χ^2/NDF:13.9/19

Left: -69.121+/-64.621 χ^2/NDF: 59.4/41

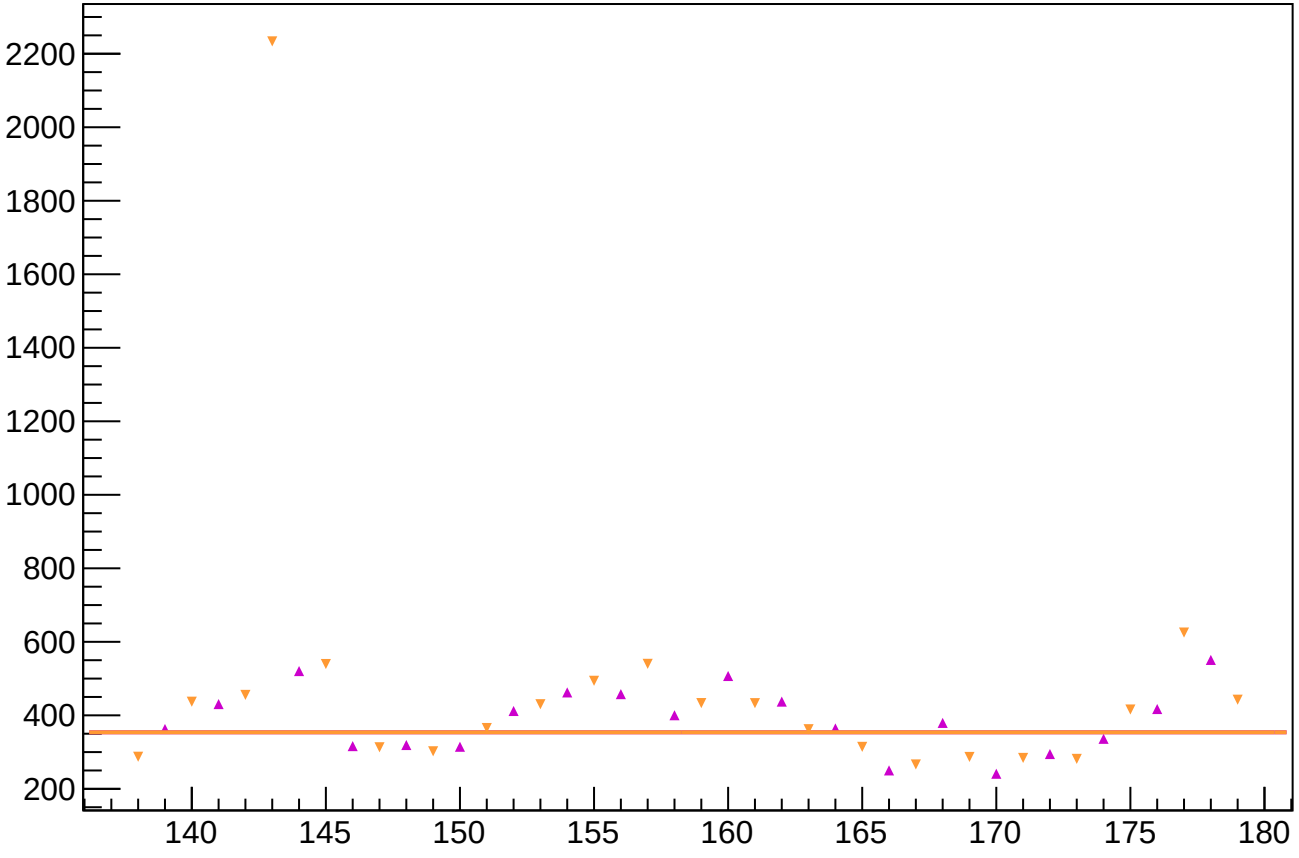
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 114.480+/-91.817 χ^2/NDF:13.9/19

Out: -249.324+/-90.964 χ^2/NDF:37.6/21

All: -69.121+/-64.621 χ^2/NDF: 59.4/41

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: 353.863+/-0.064 χ^2/NDF:2675053.7/21

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

Left In: 353.907+/-0.065 χ^2/NDF:1563951.3/19

Left: 353.885+/-0.046 χ^2/NDF: 4239005.2/41

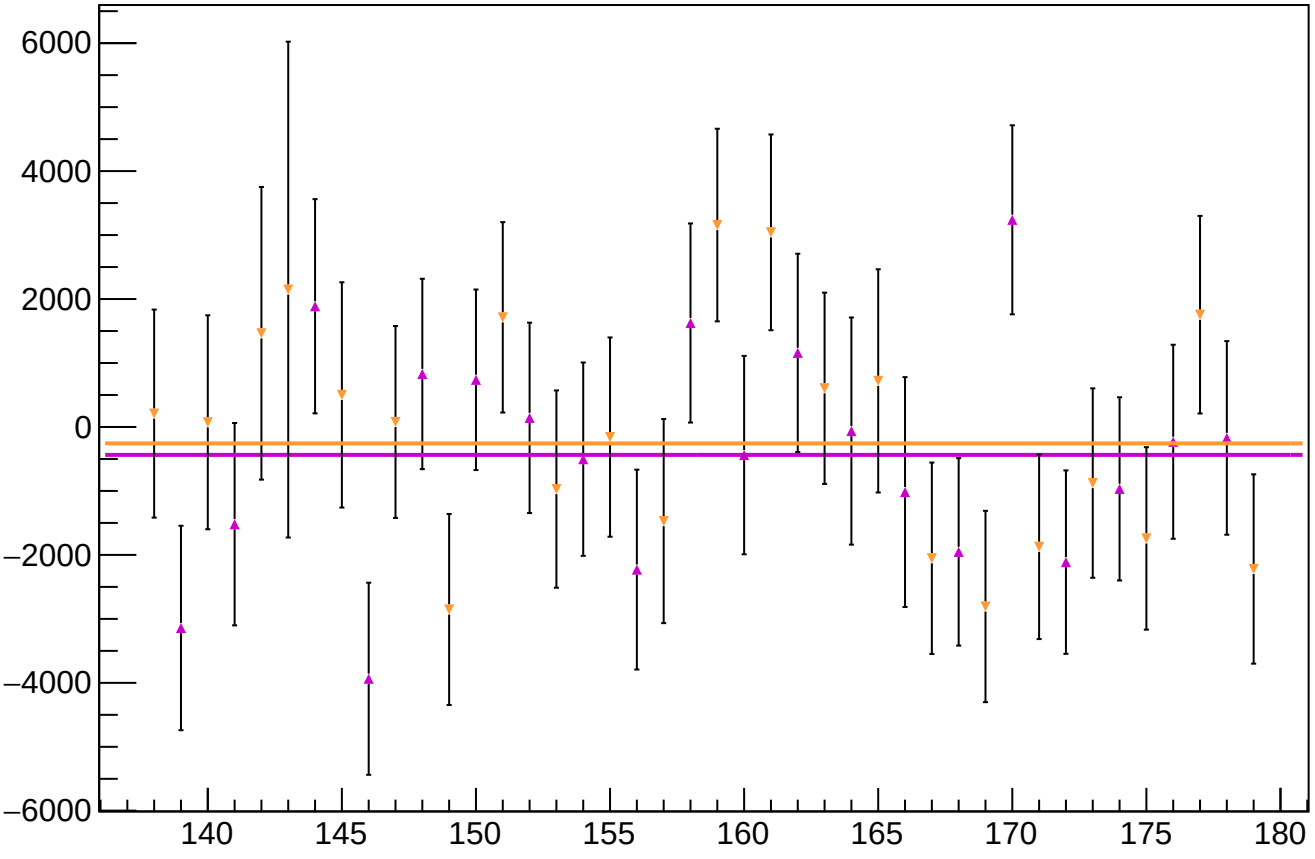
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 353.907+/-0.065 χ^2/NDF:1563951.3/19

Out: 353.863+/-0.064 χ^2/NDF:2675053.7/21

All: 353.885+/-0.046 χ^2/NDF: 4239005.2/41

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: -256.658+/-338.472 χ^2/NDF:27.6/21

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

Left In: -436.182+/-343.272 χ^2/NDF:25.4/19

Left: -345.156+/-241.015 χ^2/NDF: 53.1/41

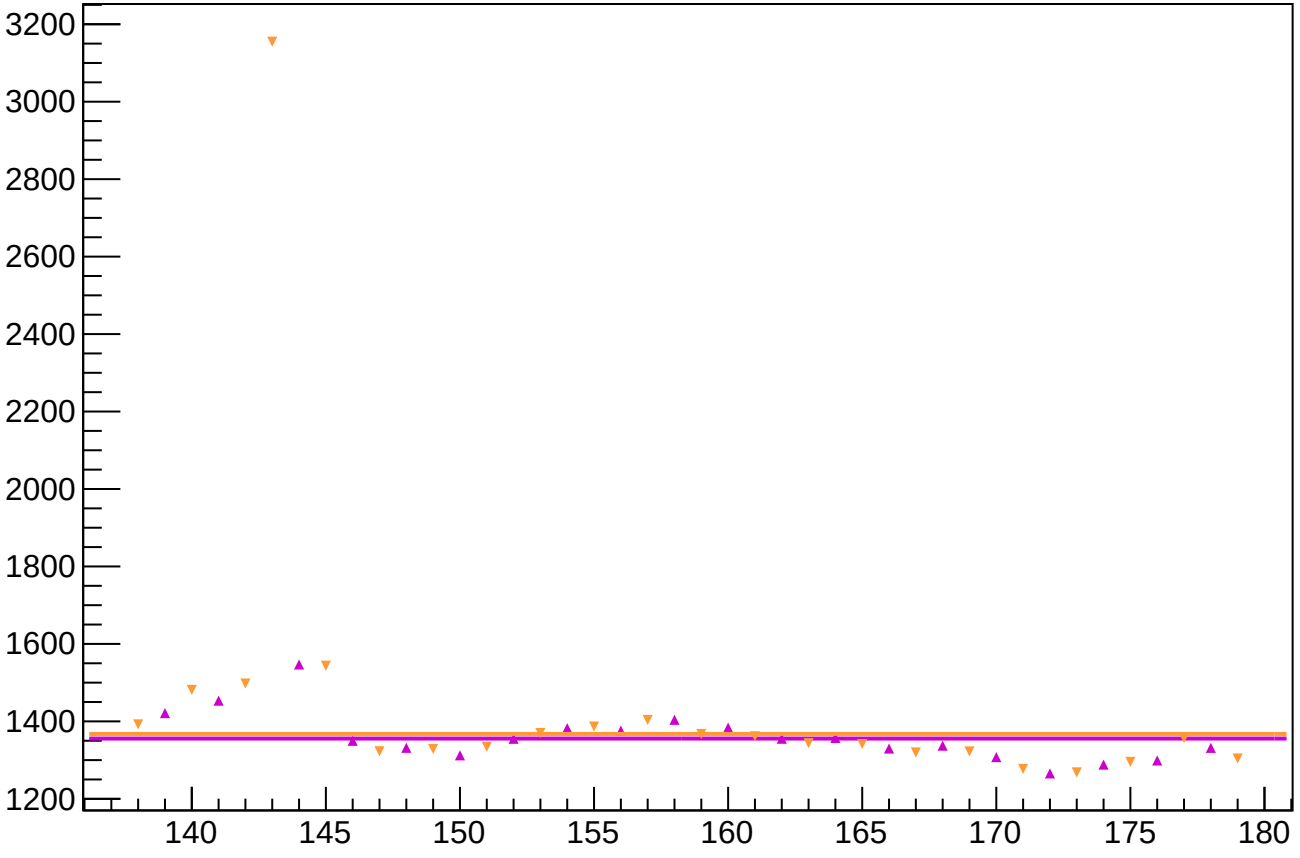
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -436.182+/-343.272 χ^2/NDF:25.4/19

Out: -256.658+/-338.472 χ^2/NDF:27.6/21

All: -345.156+/-241.015 χ^2/NDF: 53.1/41

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: 1367.596+/-0.239 χ^2/NDF:497556.0/21

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

Left In: 1355.637+/-0.243 χ^2/NDF:61556.0/19

Left: 1361.701+/-0.170 χ^2/NDF: 560342.7/41

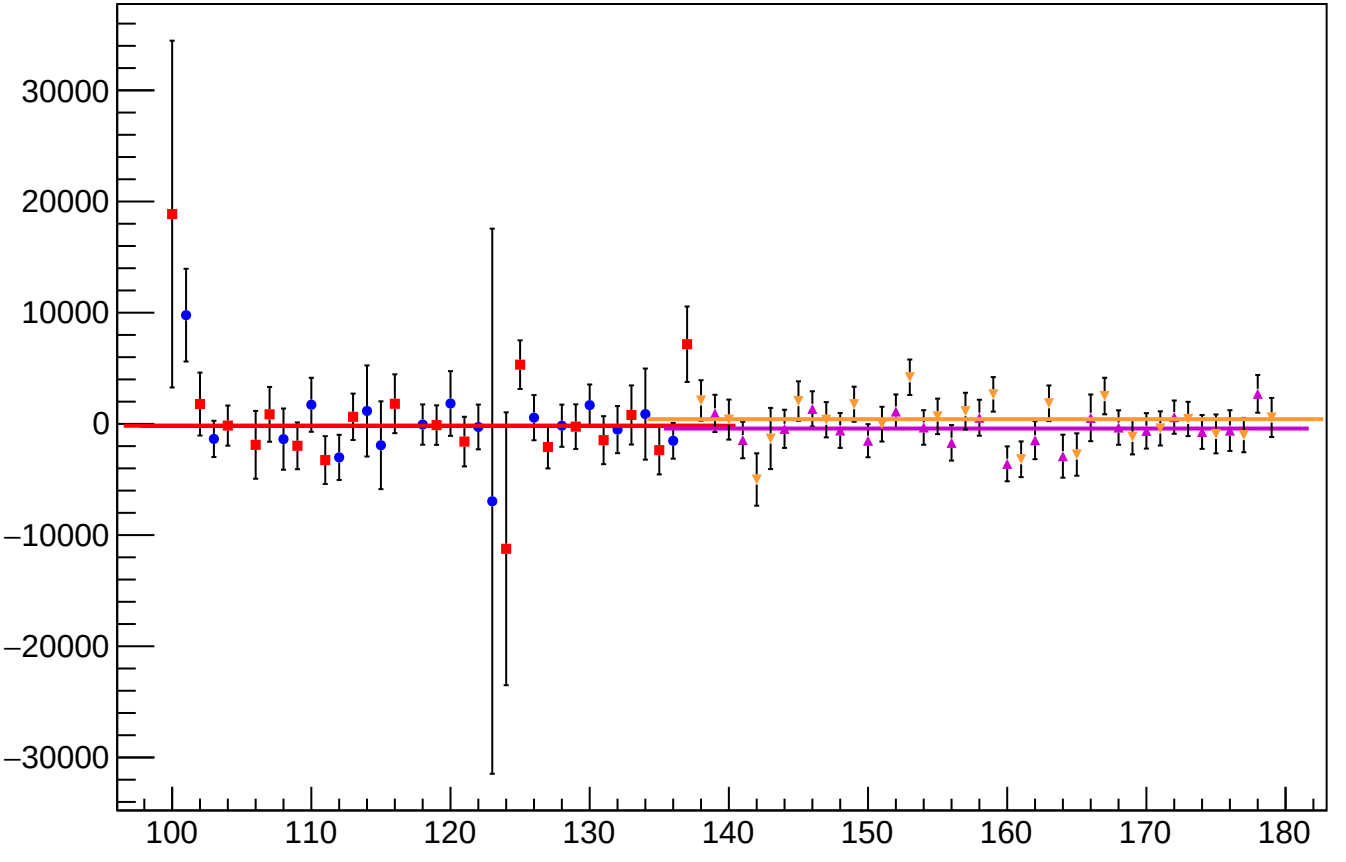
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1355.637+/-0.243 χ^2/NDF:61556.0/19

Out: 1367.596+/-0.239 χ^2/NDF:497556.0/21

All: 1361.701+/-0.170 χ^2/NDF: 560342.7/41

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: 425.047+/-359.268 χ^2/NDF:29.0/21

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

Left In: -417.194+/-364.912 χ^2/NDF:15.1/19

Left: 10.490+/-256.013 χ^2/NDF: 46.9/41

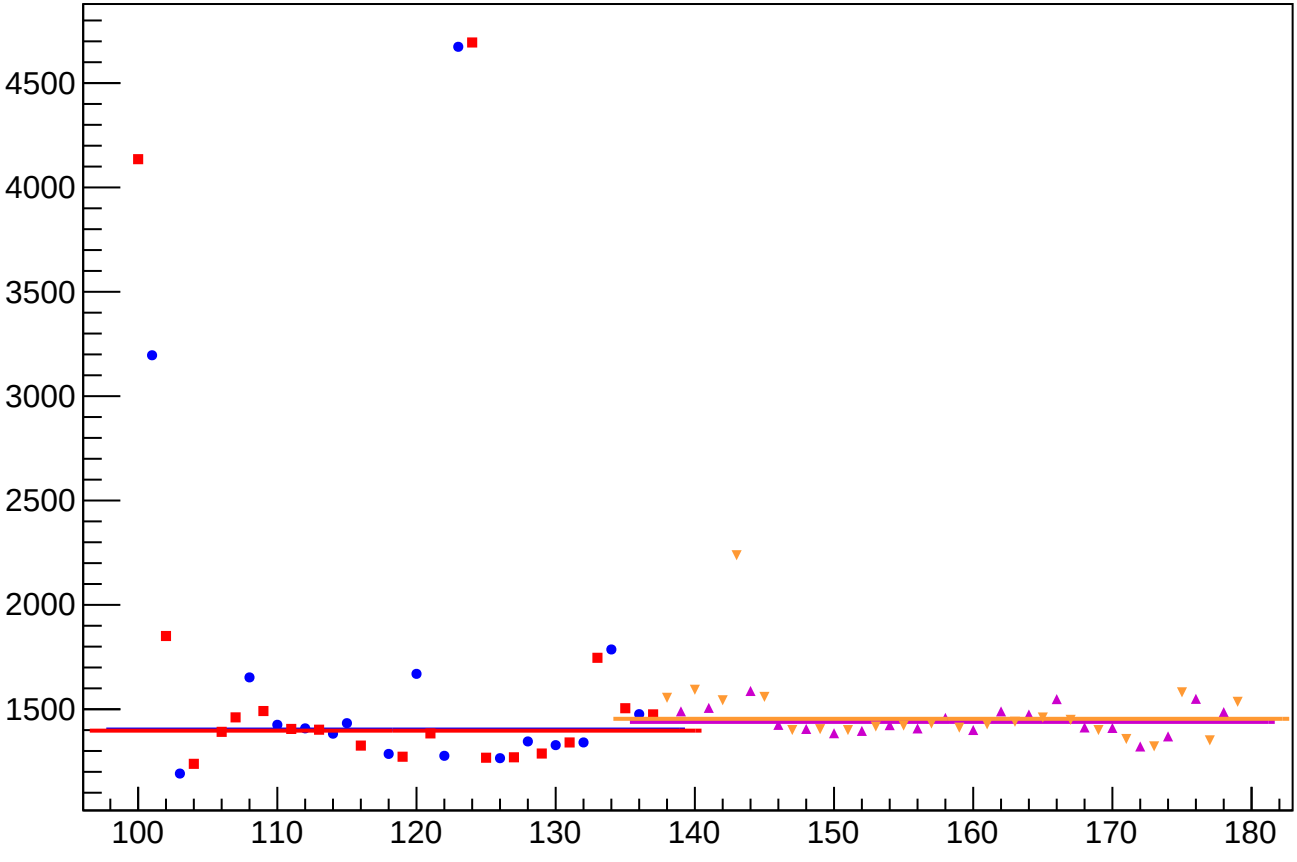
Right: -169.758+/-386.953 χ^2/NDF: 32.4/35

In: -343.983+/-304.852 χ^2/NDF:27.0/36

Out: 244.071+/-299.133 χ^2/NDF:50.5/40

All: -44.388+/-213.512 χ^2/NDF: 79.4/77

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: 1454.159+/-0.254 χ^2/NDF:249898.4/21

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

Left In: 1439.331+/-0.258 χ^2/NDF:62200.4/19

Left: 1446.860+/-0.181 χ^2/NDF: 313775.5/41

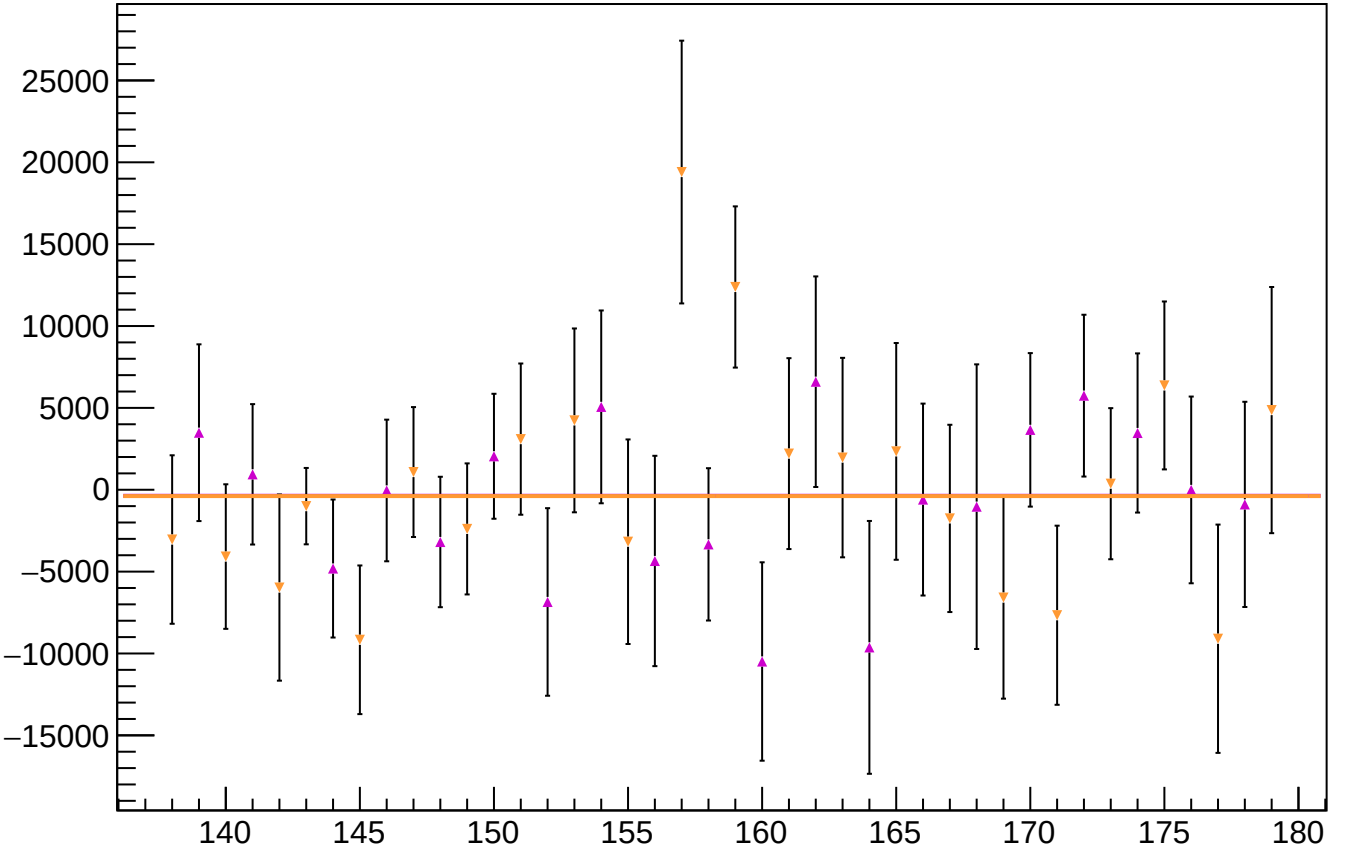
Right: 1400.004+/-0.274 χ^2/NDF: 879784.5/35

In: 1428.268+/-0.216 χ^2/NDF:594612.0/36

Out: 1436.747+/-0.211 χ^2/NDF:618565.3/40

All: 1432.589+/-0.151 χ^2/NDF: 1213965.7/77

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: -386.828+/-1035.848 χ^2/NDF:27.6/21

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

Left In: -368.655+/-1150.534 χ^2/NDF:13.9/19

Left: -378.692+/-769.817 χ^2/NDF: 41.4/41

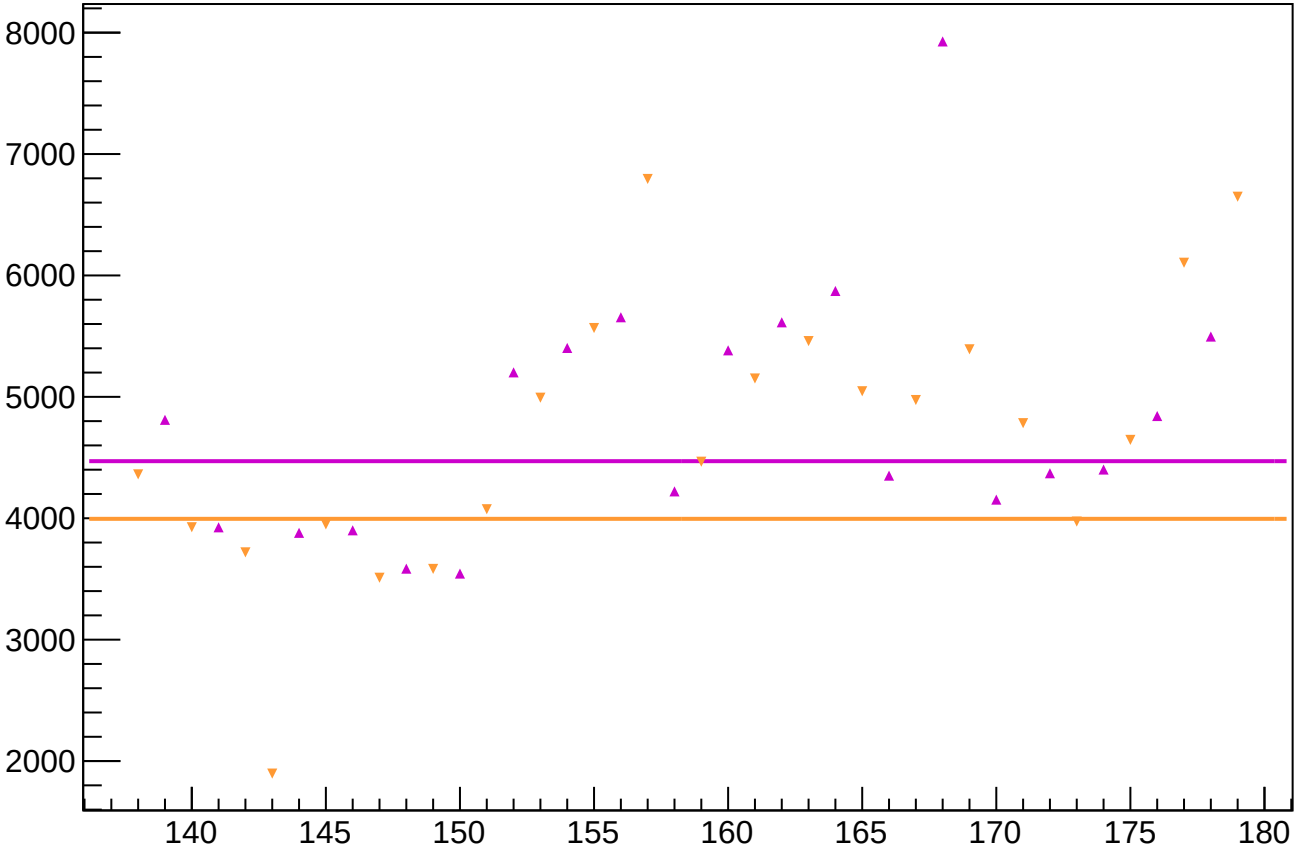
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -368.655+/-1150.534 χ^2/NDF:13.9/19

Out: -386.828+/-1035.848 χ^2/NDF:27.6/21

All: -378.692+/-769.817 χ^2/NDF: 41.4/41

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: 3995.273+/-0.732 χ^2/NDF:3049007.0/21

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

Left In: 4470.194+/-0.814 χ^2/NDF:1051602.9/19

Left: 4207.890+/-0.544 χ^2/NDF: 4288826.0/41

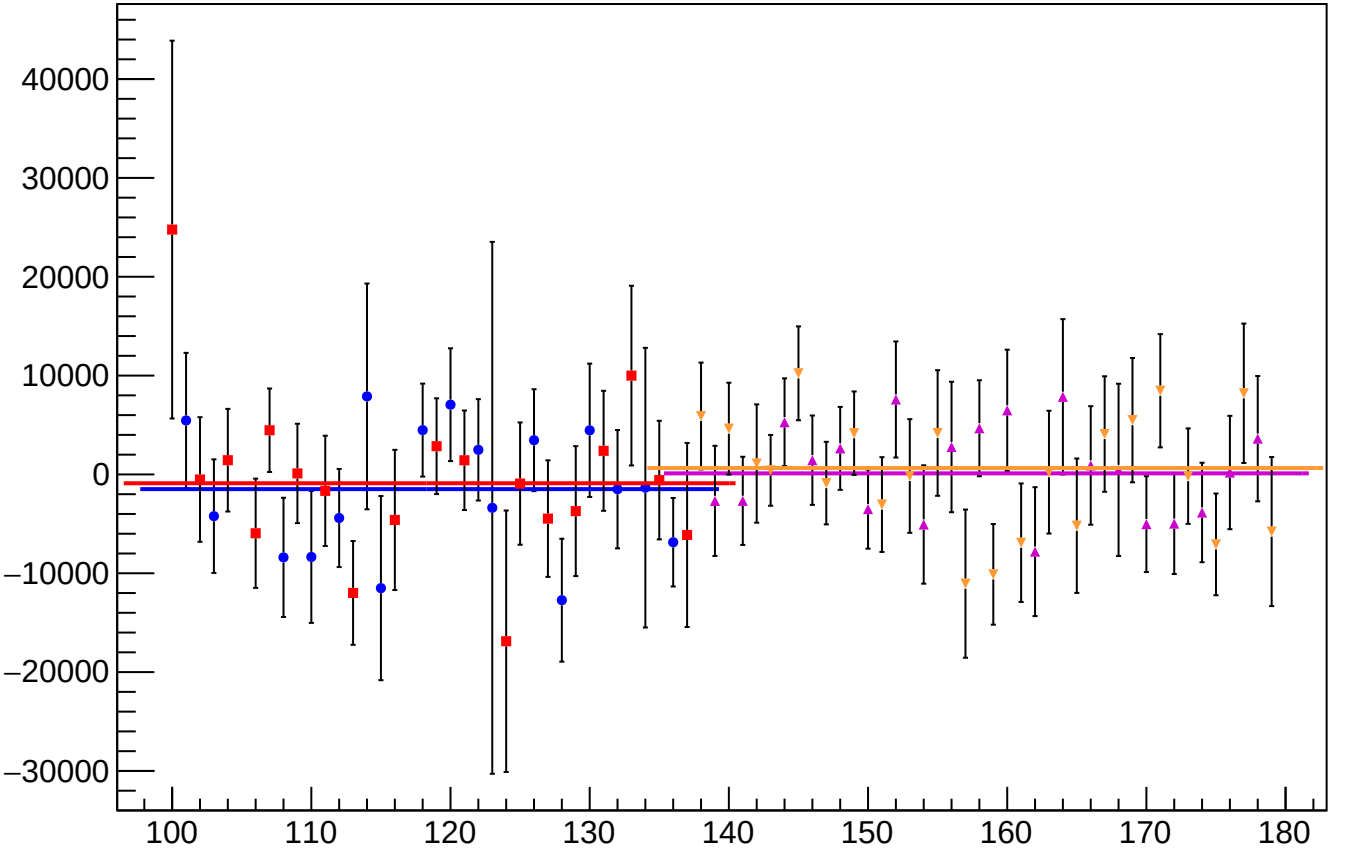
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4470.194+/-0.814 χ^2/NDF:1051602.9/19

Out: 3995.273+/-0.732 χ^2/NDF:3049007.0/21

All: 4207.890+/-0.544 χ^2/NDF: 4288826.0/41

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: 646.361+/-1133.956 χ^2/NDF:23.7/21

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

Left In: 107.634+/-1189.528 χ^2/NDF:13.3/19

Left: 389.875+/-820.771 χ^2/NDF: 37.1/41

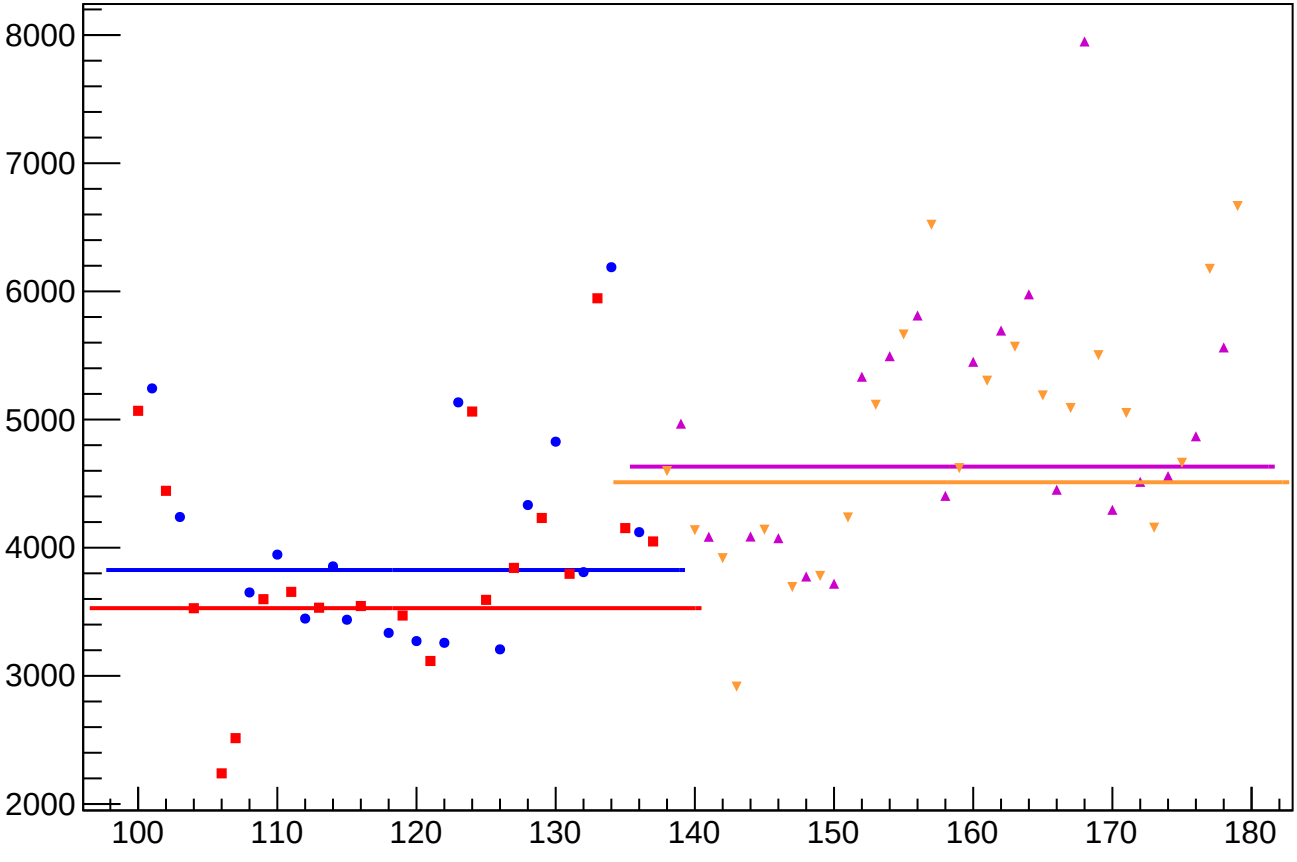
Right: -1165.879+/-1014.876 χ^2/NDF: 30.9/35

In: -508.484+/-931.819 χ^2/NDF:30.6/36

Out: 24.856+/-875.839 χ^2/NDF:38.6/40

All: -225.313+/-638.185 χ^2/NDF: 69.4/77

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: 4510.702+/-0.802 χ^2/NDF:1304565.9/21

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

Left In: 4632.691+/-0.841 χ^2/NDF:920244.9/19

Left: 4568.781+/-0.580 χ^2/NDF: 2235830.6/41

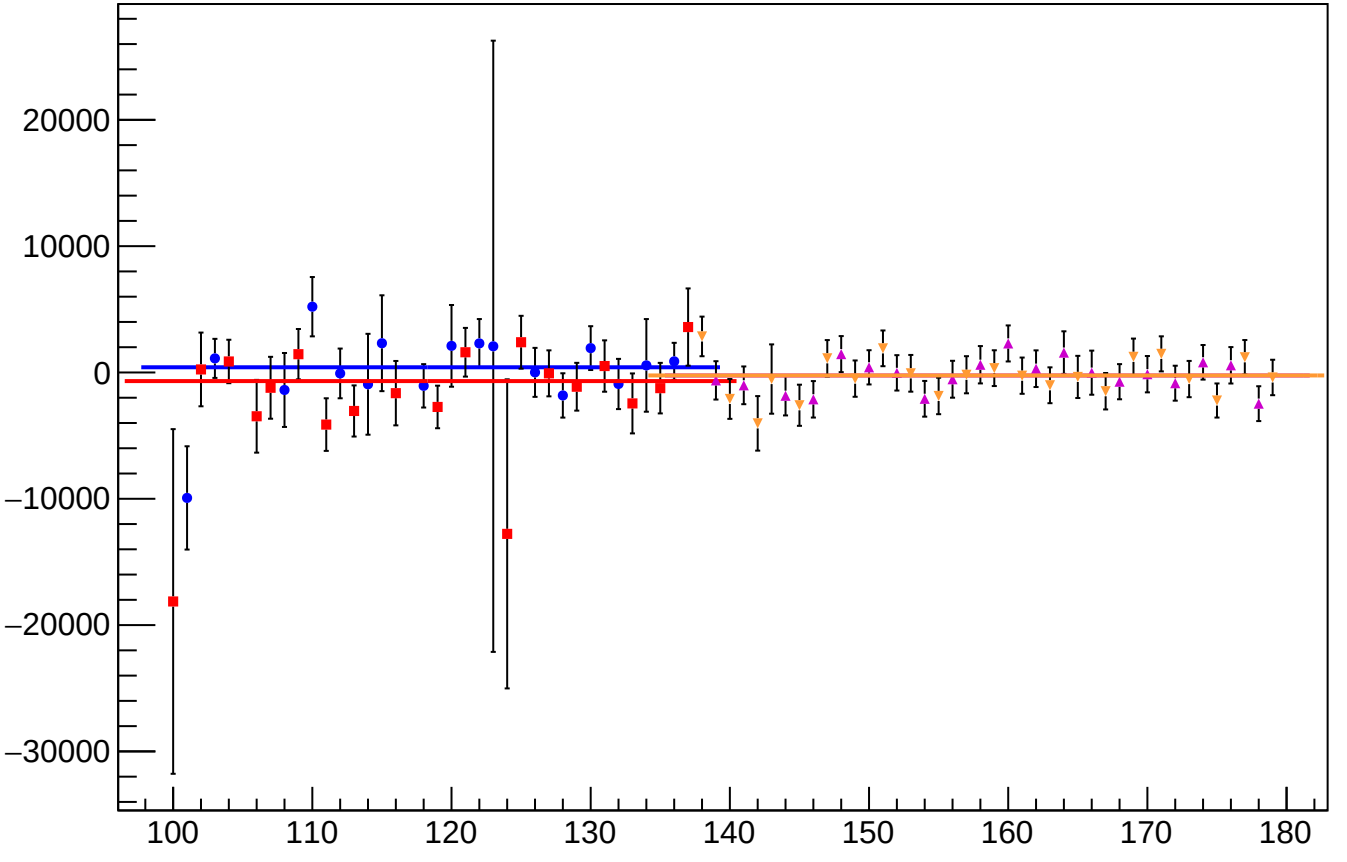
Right: 3663.316+/-0.714 χ^2/NDF: 932858.8/35

In: 4320.948+/-0.659 χ^2/NDF:1610174.0/36

Out: 4110.034+/-0.617 χ^2/NDF:2472212.6/40

All: 4208.578+/-0.450 χ^2/NDF: 4136978.8/77

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: -235.274+/-319.310 χ^2/NDF:22.1/21

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

Left In: -239.294+/-325.246 χ^2/NDF:15.1/19

Left: -237.247+/-227.856 χ^2/NDF: 37.2/41

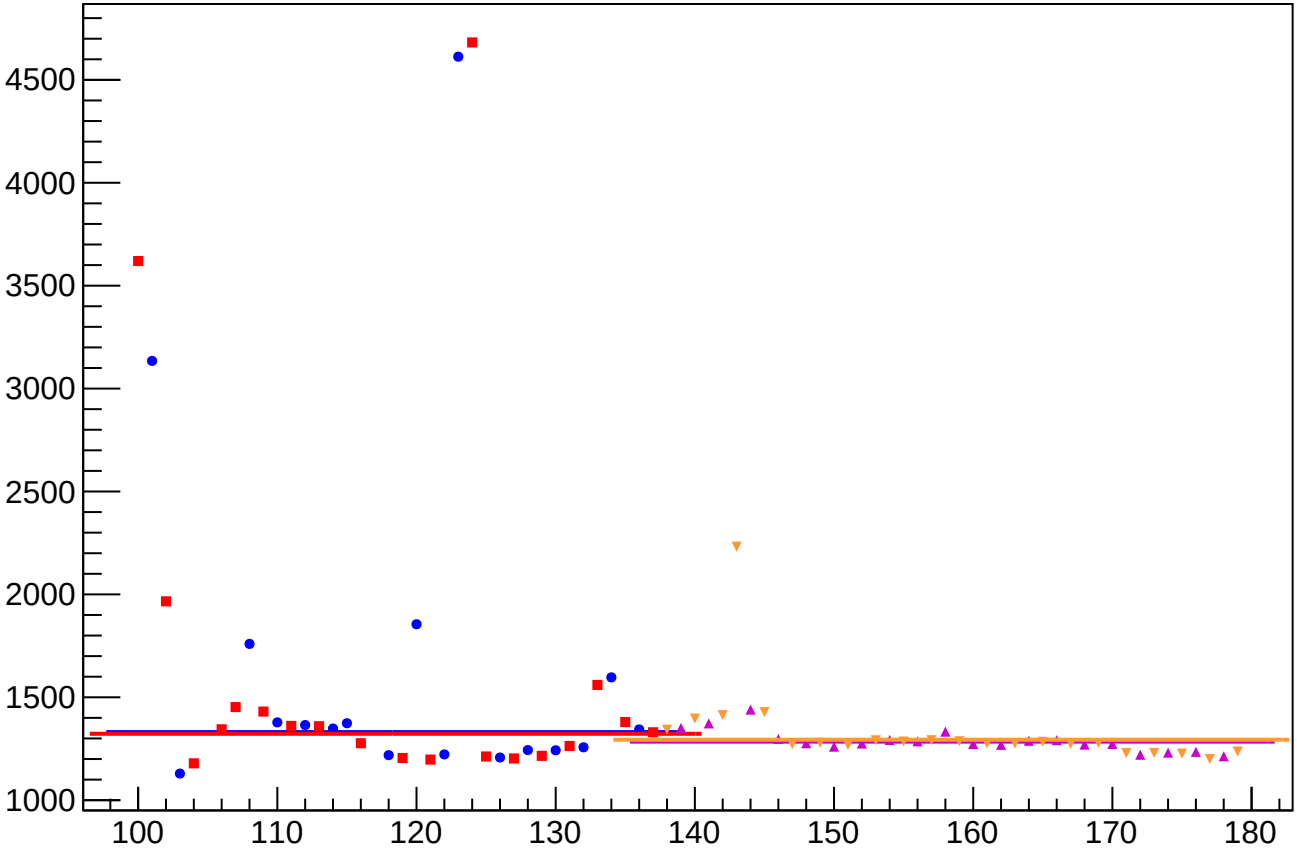
Right: -154.107+/-366.889 χ^2/NDF: 36.8/35

In: -60.290+/-276.920 χ^2/NDF:32.8/36

Out: -361.056+/-270.670 χ^2/NDF:40.7/40

All: -214.105+/-193.564 χ^2/NDF: 74.0/77

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: 1293.859+/-0.226 χ^2/NDF:292472.4/21

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

Left In: 1284.474+/-0.230 χ^2/NDF:49658.4/19

Left: 1289.253+/-0.161 χ^2/NDF: 342978.7/41

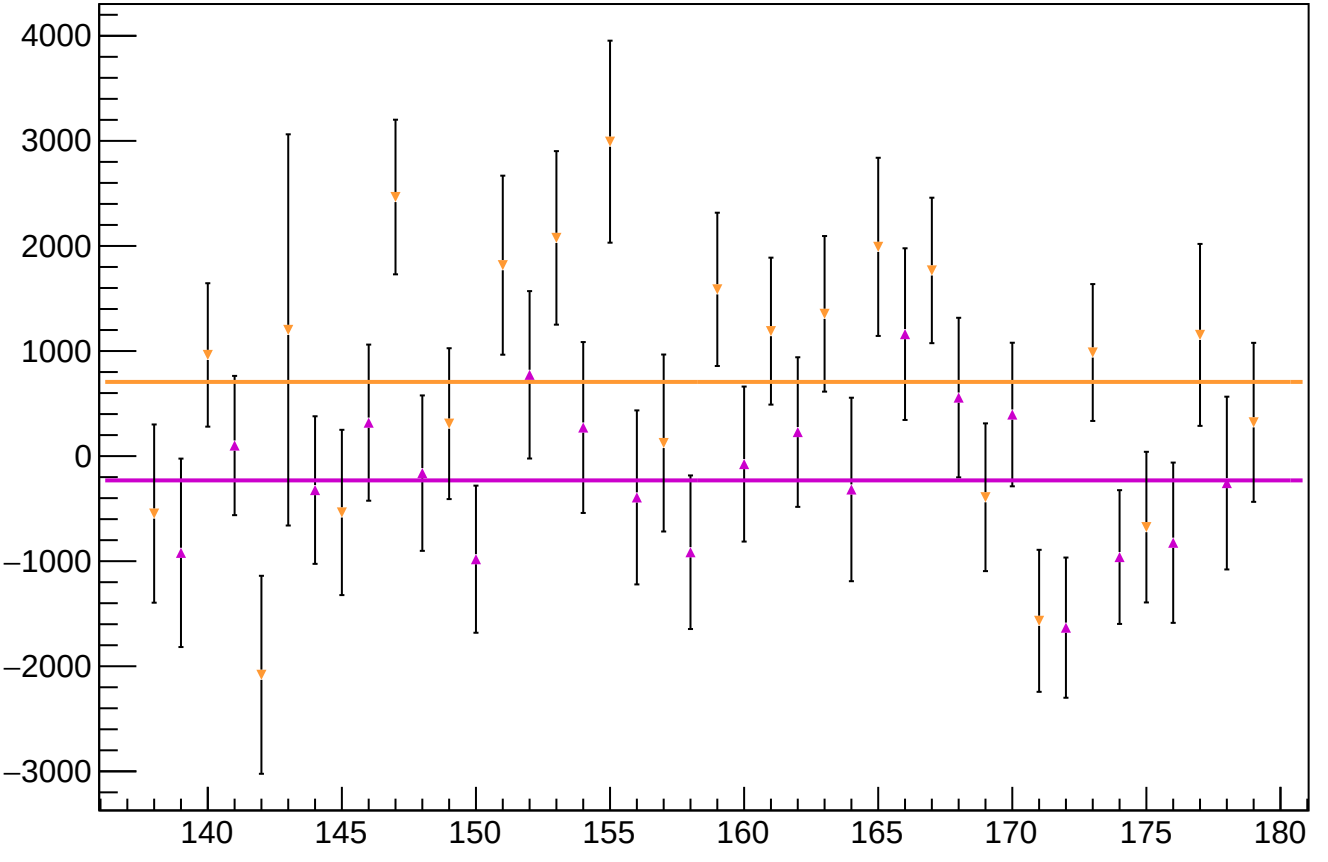
Right: 1326.657+/-0.259 χ^2/NDF: 998136.6/35

In: 1297.242+/-0.196 χ^2/NDF:664337.8/36

Out: 1301.978+/-0.191 χ^2/NDF:691480.3/40

All: 1299.664+/-0.137 χ^2/NDF: 1356117.2/77

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: 706.096+/-165.488 χ^2/NDF:55.8/21

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

Left In: -231.133+/-166.536 χ^2/NDF:17.1/19

Left: 240.438+/-117.386 χ^2/NDF: 88.8/41

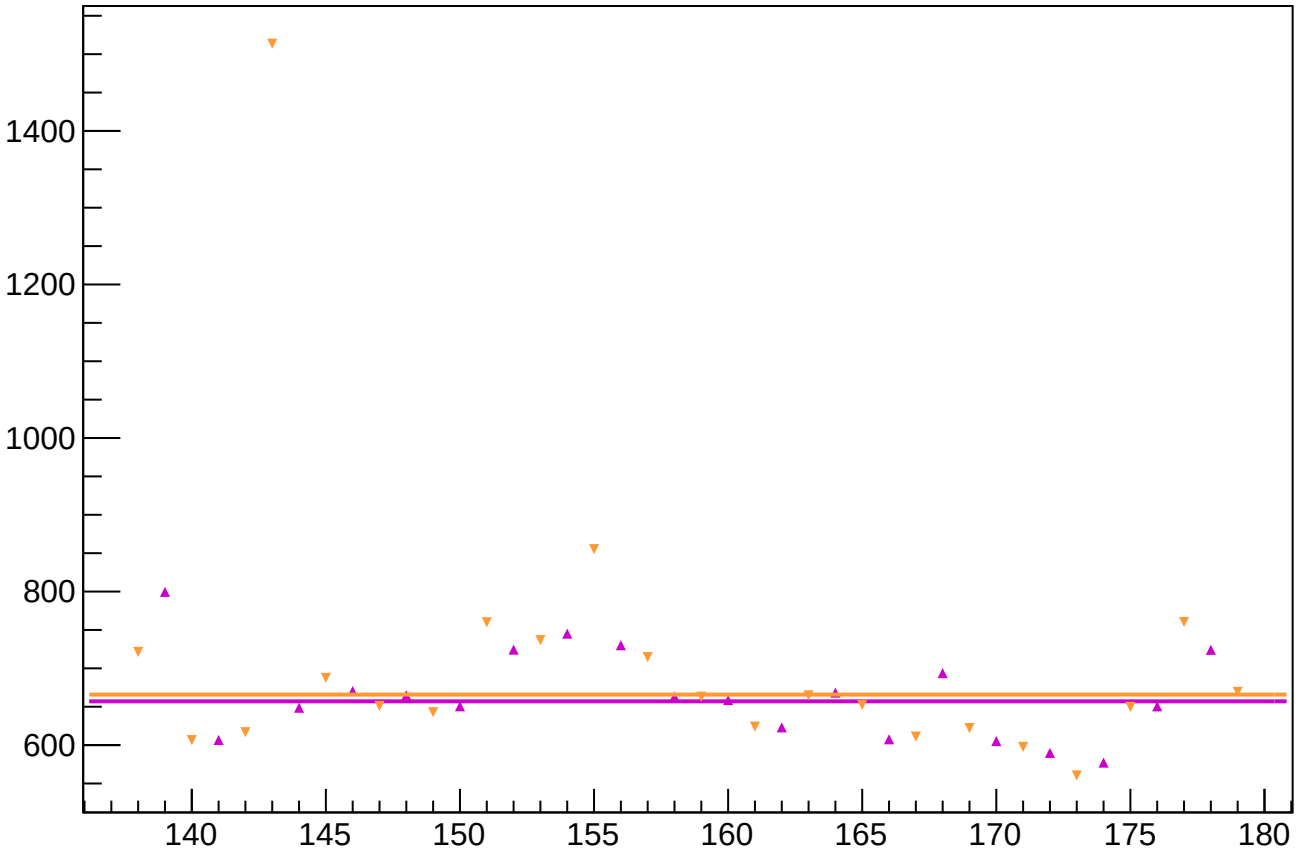
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -231.133+/-166.536 χ^2/NDF:17.1/19

Out: 706.096+/-165.488 χ^2/NDF:55.8/21

All: 240.438+/-117.386 χ^2/NDF: 88.8/41

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: 665.813+/-0.117 χ^2/NDF:697317.7/21

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

Left In: 657.025+/-0.118 χ^2/NDF:210529.3/19

Left: 661.447+/-0.083 χ^2/NDF: 910649.3/41

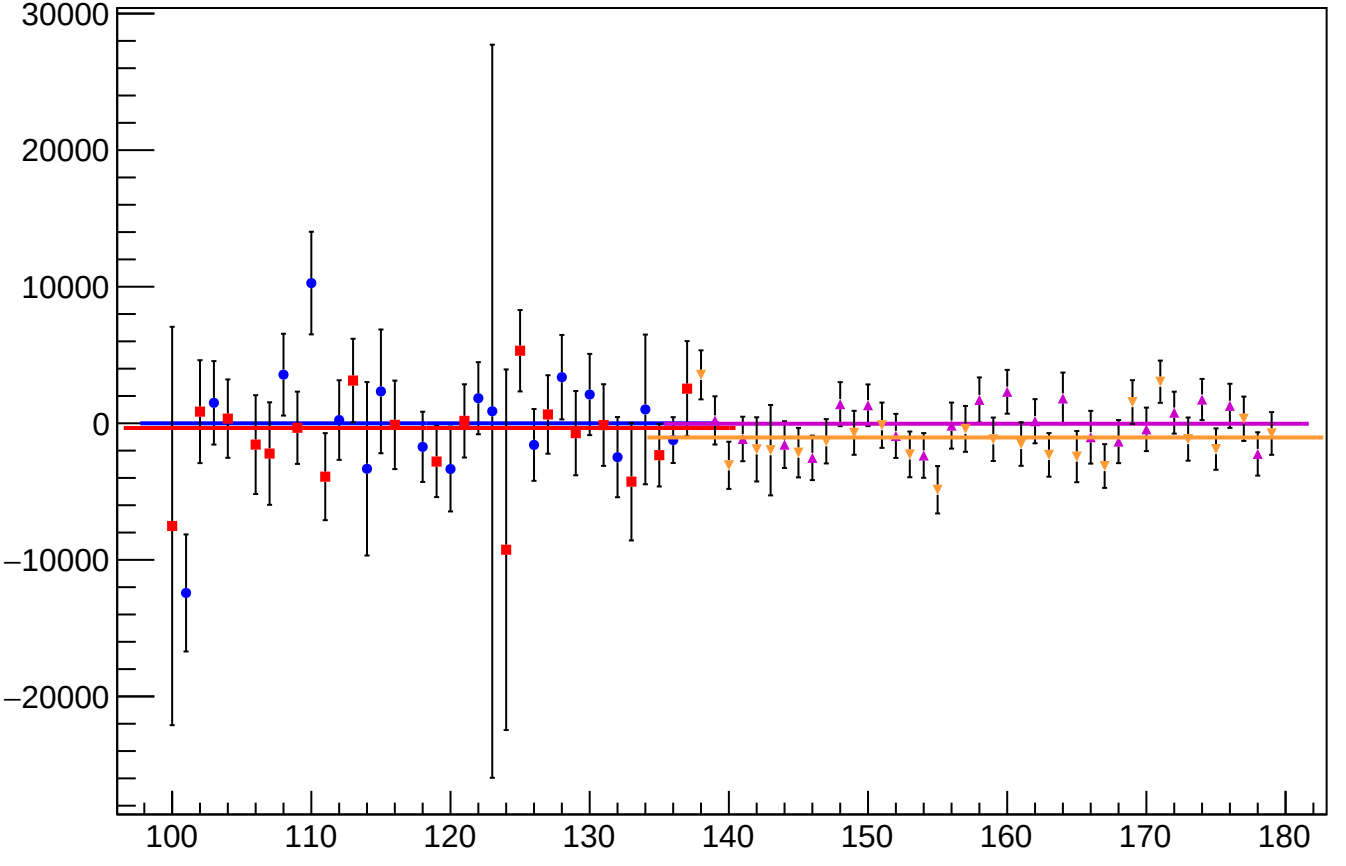
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 657.025+/-0.118 χ^2/NDF:210529.3/19

Out: 665.813+/-0.117 χ^2/NDF:697317.7/21

All: 661.447+/-0.083 χ^2/NDF: 910649.3/41

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: -1038.305+/-360.872 χ^2/NDF:28.1/21

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

Left In: -33.019+/-366.079 χ^2/NDF:17.0/19

Left: -542.863+/-256.996 χ^2/NDF: 48.9/41

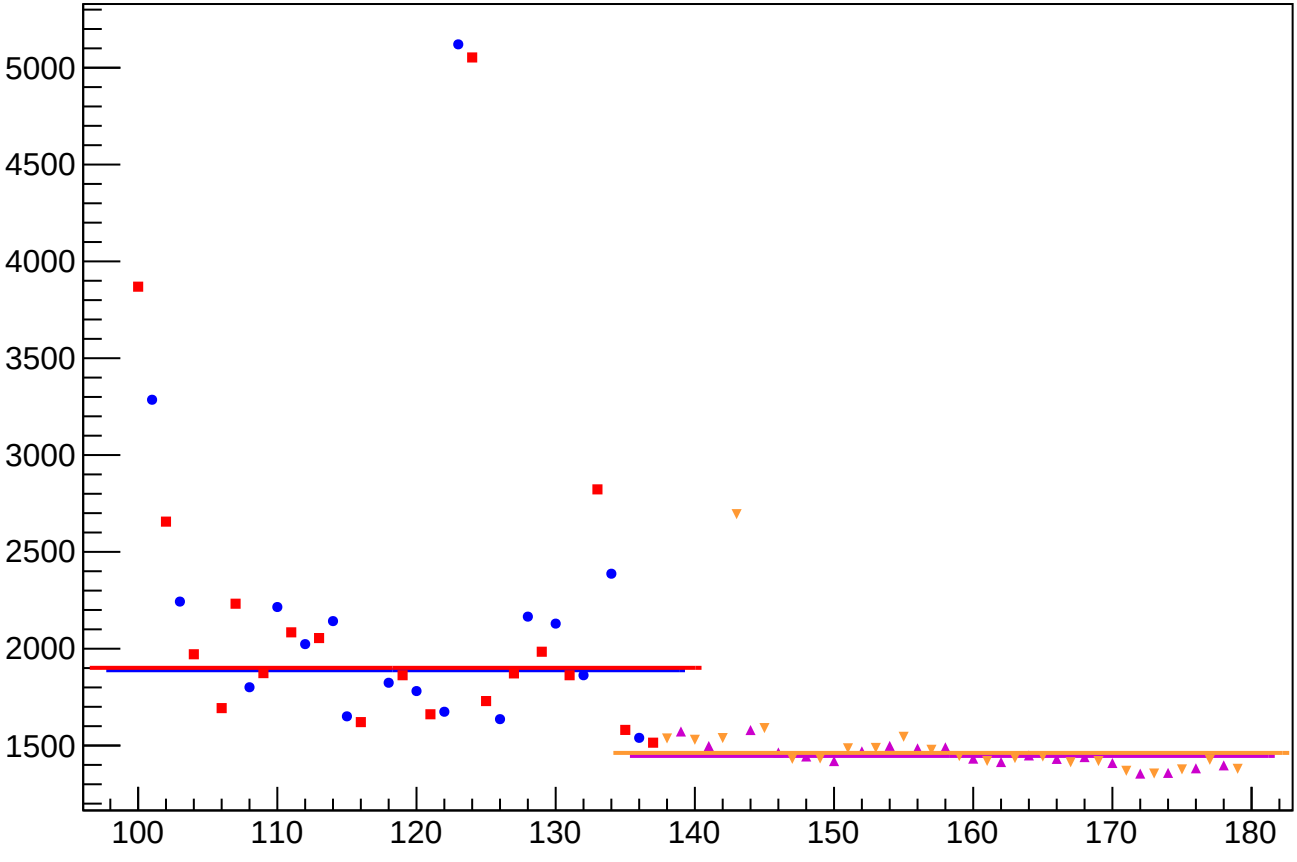
Right: -176.305+/-522.783 χ^2/NDF: 34.3/35

In: -27.027+/-328.561 χ^2/NDF:40.5/36

Out: -903.289+/-323.824 χ^2/NDF:39.5/40

All: -471.520+/-230.635 χ^2/NDF: 83.6/77

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: 1461.937+/-0.255 χ^2/NDF:337500.5/21

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

Left In: 1446.343+/-0.259 χ^2/NDF:51209.2/19

Left: 1454.252+/-0.182 χ^2/NDF: 390550.3/41

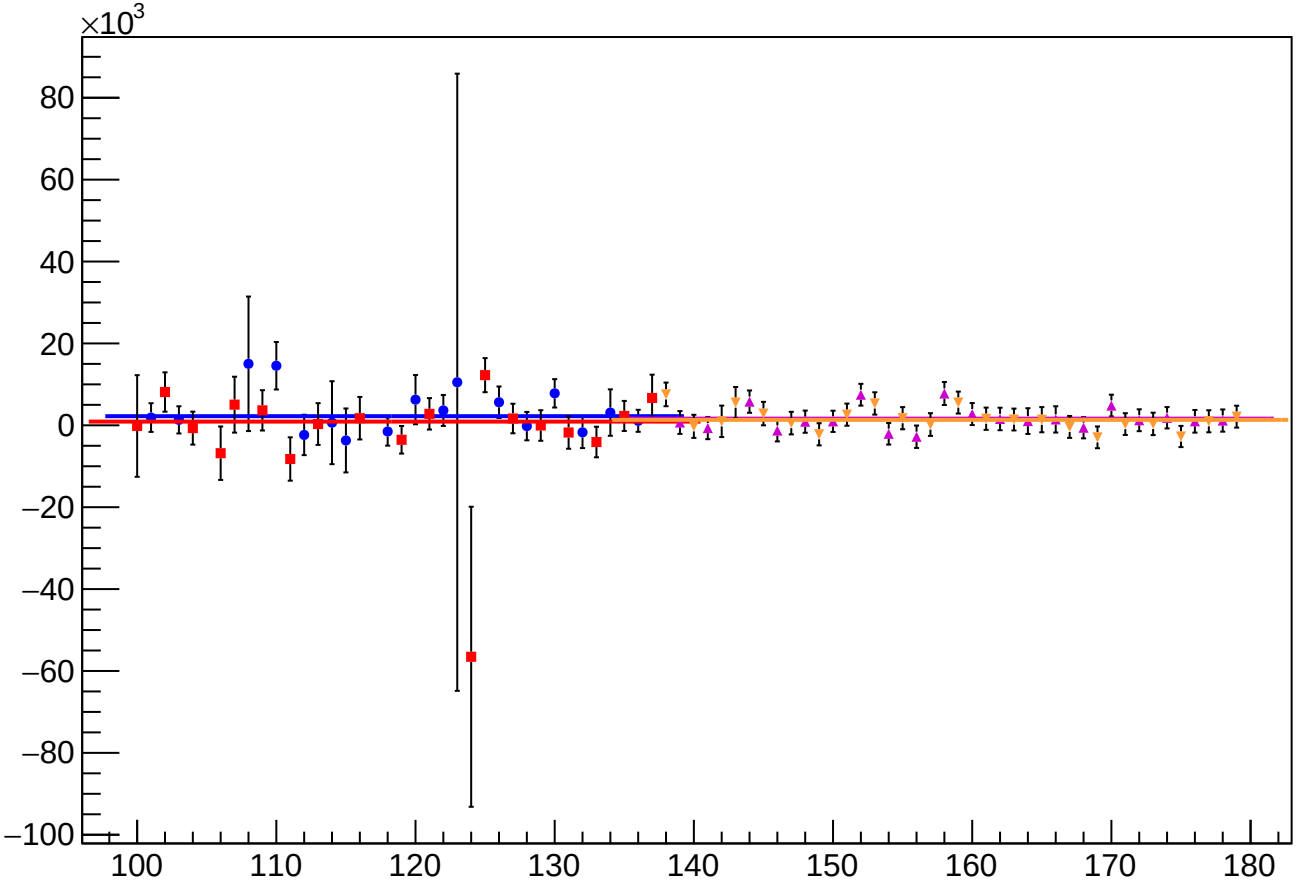
Right: 1895.125+/-0.370 χ^2/NDF: 927550.0/35

In: 1532.390+/-0.232 χ^2/NDF:1085244.7/36

Out: 1547.510+/-0.229 χ^2/NDF:1376265.2/40

All: 1540.060+/-0.163 χ^2/NDF: 2463658.5/77

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1334.534+/-596.135 χ^2/NDF:19.2/21

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

Left In: 1633.869+/-610.493 χ^2/NDF:21.2/19

Left: 1480.640+/-426.517 χ^2/NDF: 40.4/41

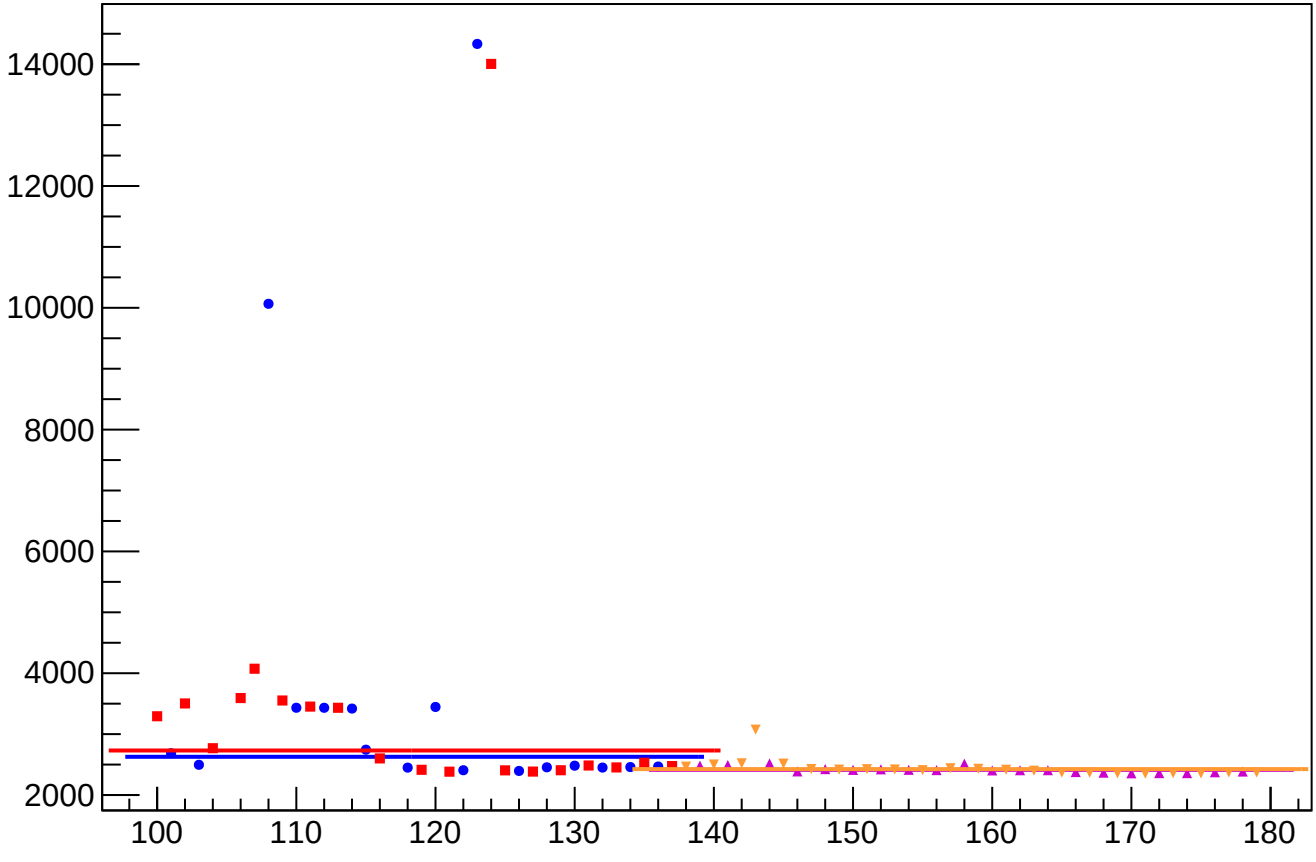
Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 1786.161+/-526.393 χ^2/NDF:35.0/36

Out: 1230.052+/-518.033 χ^2/NDF:42.2/40

All: 1503.655+/-369.225 χ^2/NDF: 77.7/77

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2425.417+/-0.422 χ^2/NDF:72262.1/21

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

Left In: 2413.398+/-0.432 χ^2/NDF:12840.1/19

Left: 2419.550+/-0.302 χ^2/NDF: 85499.0/41

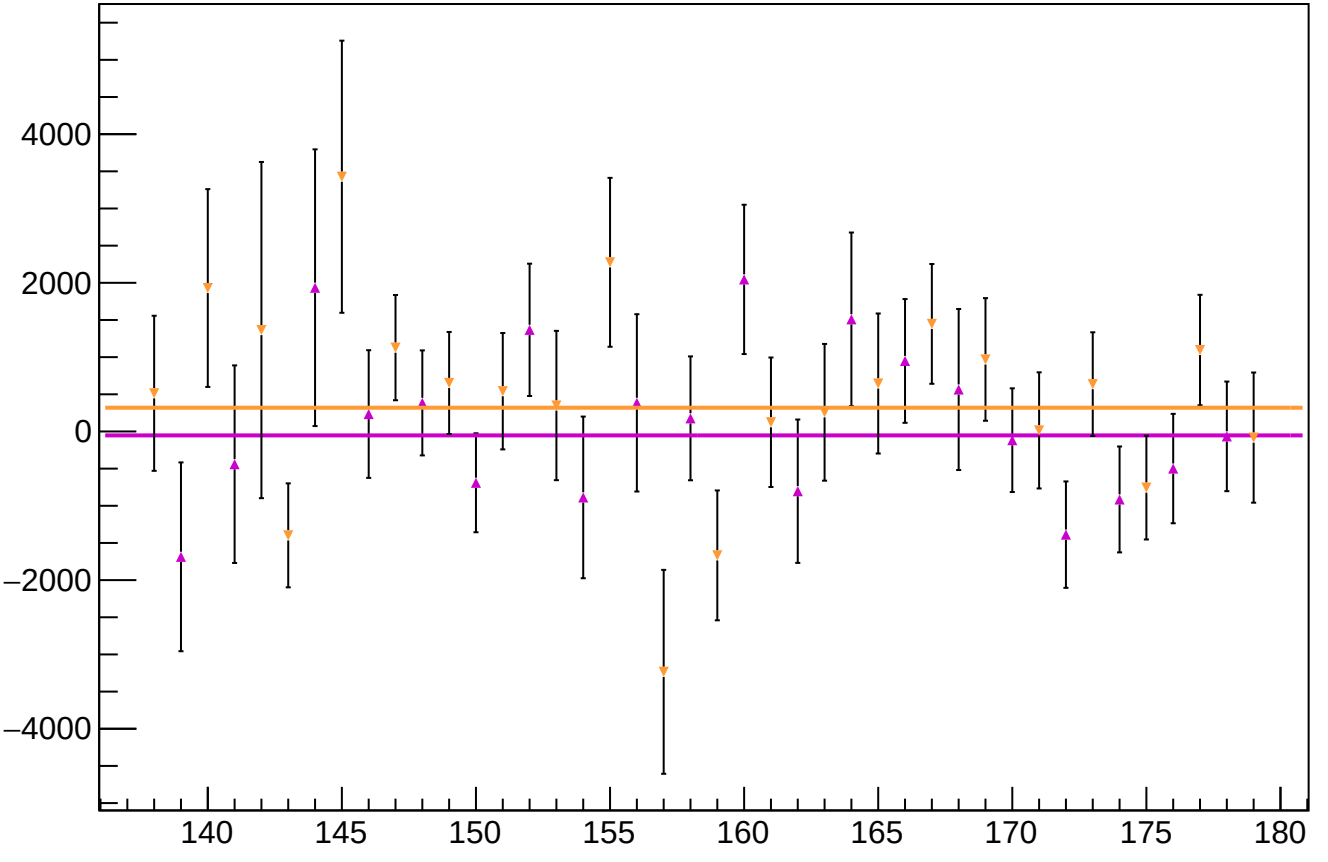
Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2468.341+/-0.372 χ^2/NDF:720382.7/36

Out: 2500.309+/-0.366 χ^2/NDF:799381.4/40

All: 2484.581+/-0.261 χ^2/NDF: 1523511.4/77

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 319.523+/-186.106 χ^2/NDF:33.9/21

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

Left In: -52.895+/-195.756 χ^2/NDF:21.5/19

Left: 142.719+/-134.879 χ^2/NDF: 57.3/41

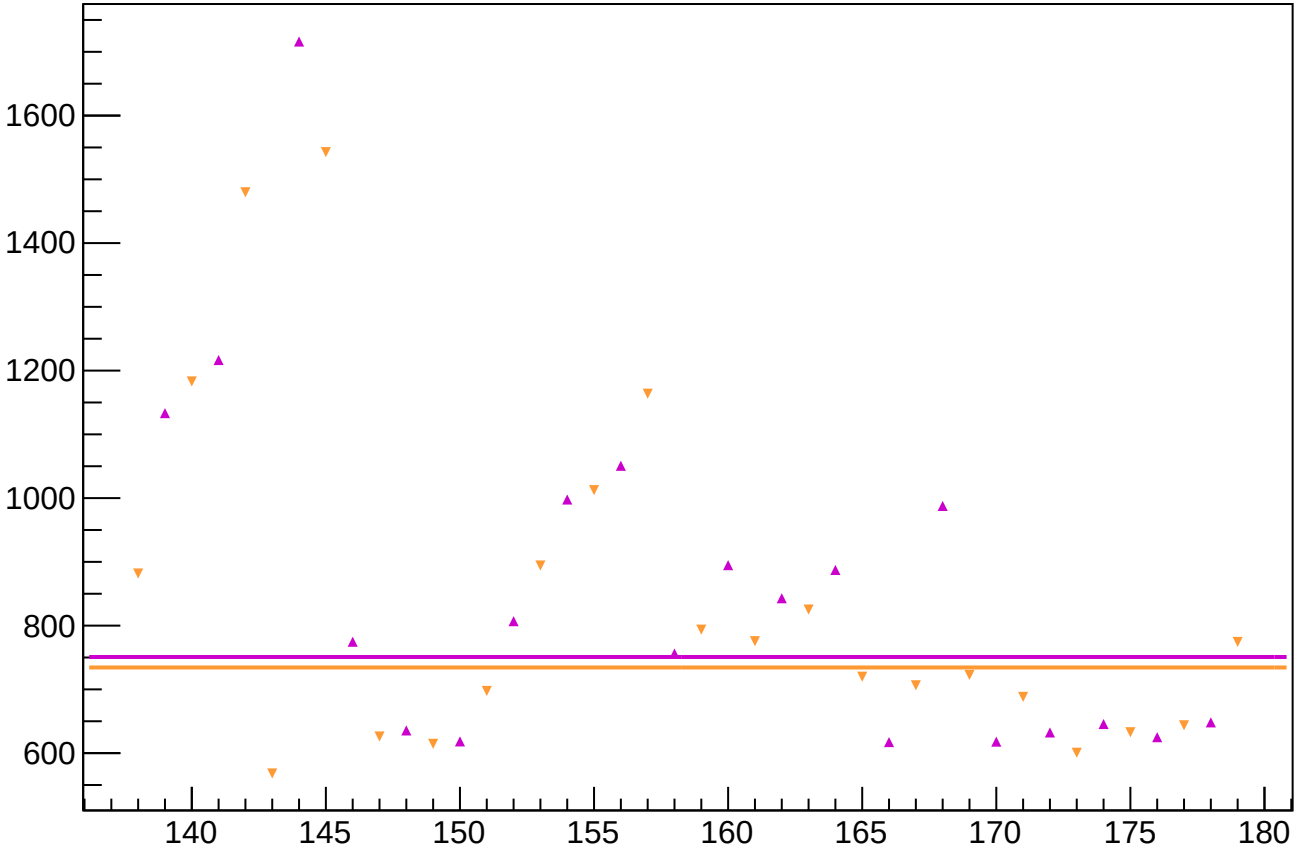
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -52.895+/-195.756 χ^2/NDF:21.5/19

Out: 319.523+/-186.106 χ^2/NDF:33.9/21

All: 142.719+/-134.879 χ^2/NDF: 57.3/41

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 734.342+/-0.132 χ^2/NDF:1659114.3/21

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

Left In: 750.809+/-0.138 χ^2/NDF:1837716.2/19

Left: 742.160+/-0.095 χ^2/NDF: 3504264.8/41

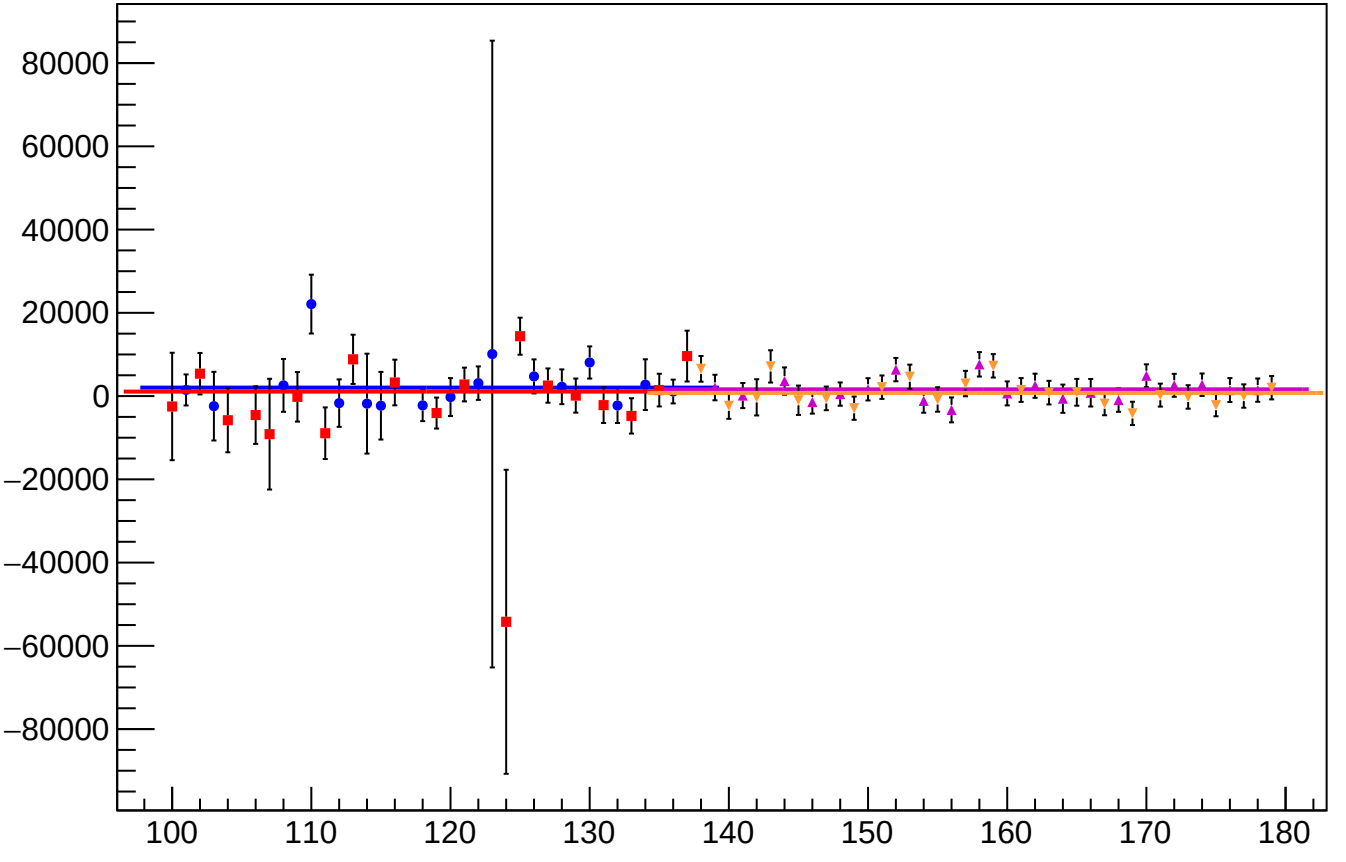
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 750.809+/-0.138 χ^2/NDF:1837716.2/19

Out: 734.342+/-0.132 χ^2/NDF:1659114.3/21

All: 742.160+/-0.095 χ^2/NDF: 3504264.8/41

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 765.573+/-632.137 χ^2/NDF:23.3/21

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

Left In: 1618.898+/-648.660 χ^2/NDF:16.0/19

Left: 1181.229+/-452.717 χ^2/NDF: 40.1/41

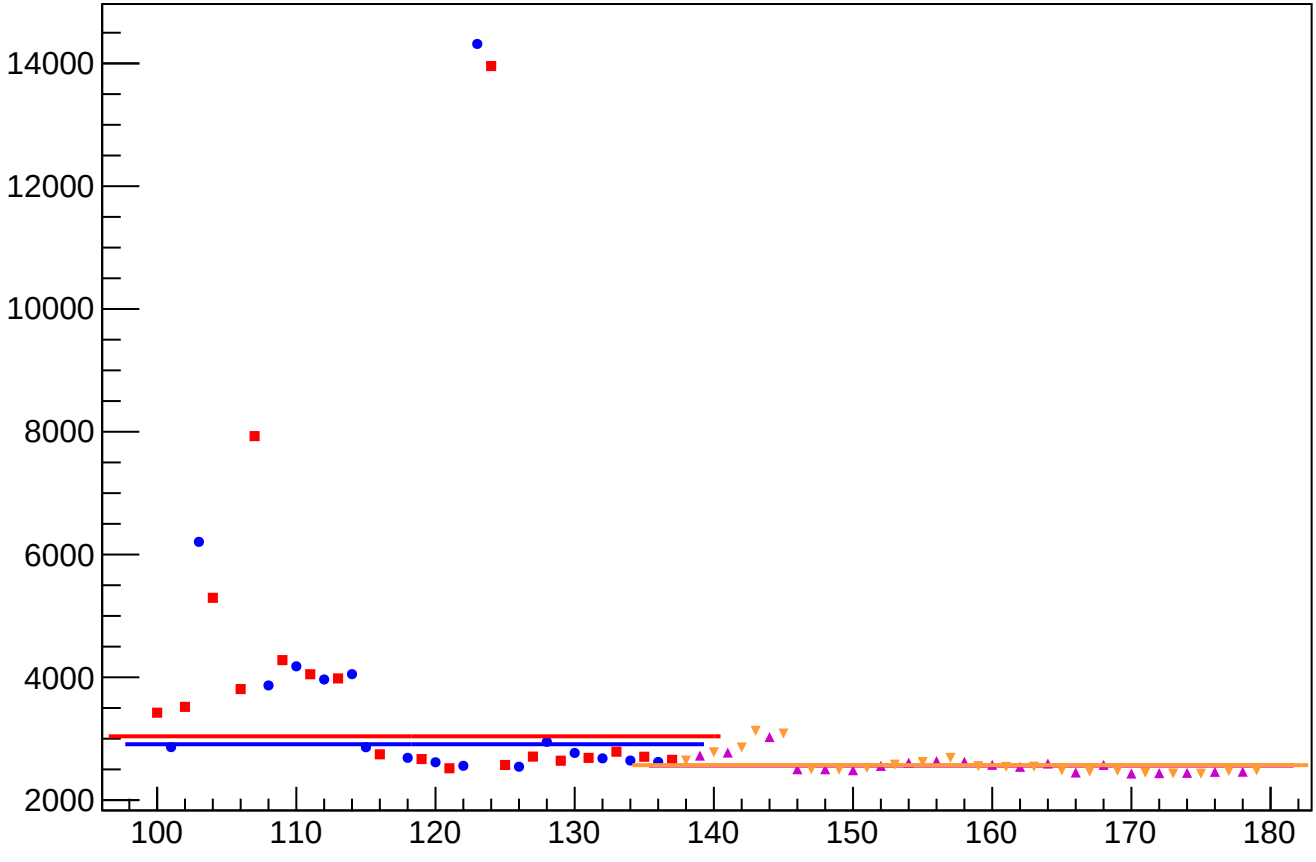
Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1719.817+/-565.149 χ^2/NDF:30.9/36

Out: 835.103+/-557.914 χ^2/NDF:48.6/40

All: 1271.761+/-397.038 χ^2/NDF: 80.8/77

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2569.143+/-0.447 χ^2/NDF:134810.0/21

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

Left In: 2561.238+/-0.459 χ^2/NDF:81715.1/19

Left: 2565.292+/-0.320 χ^2/NDF: 216677.4/41

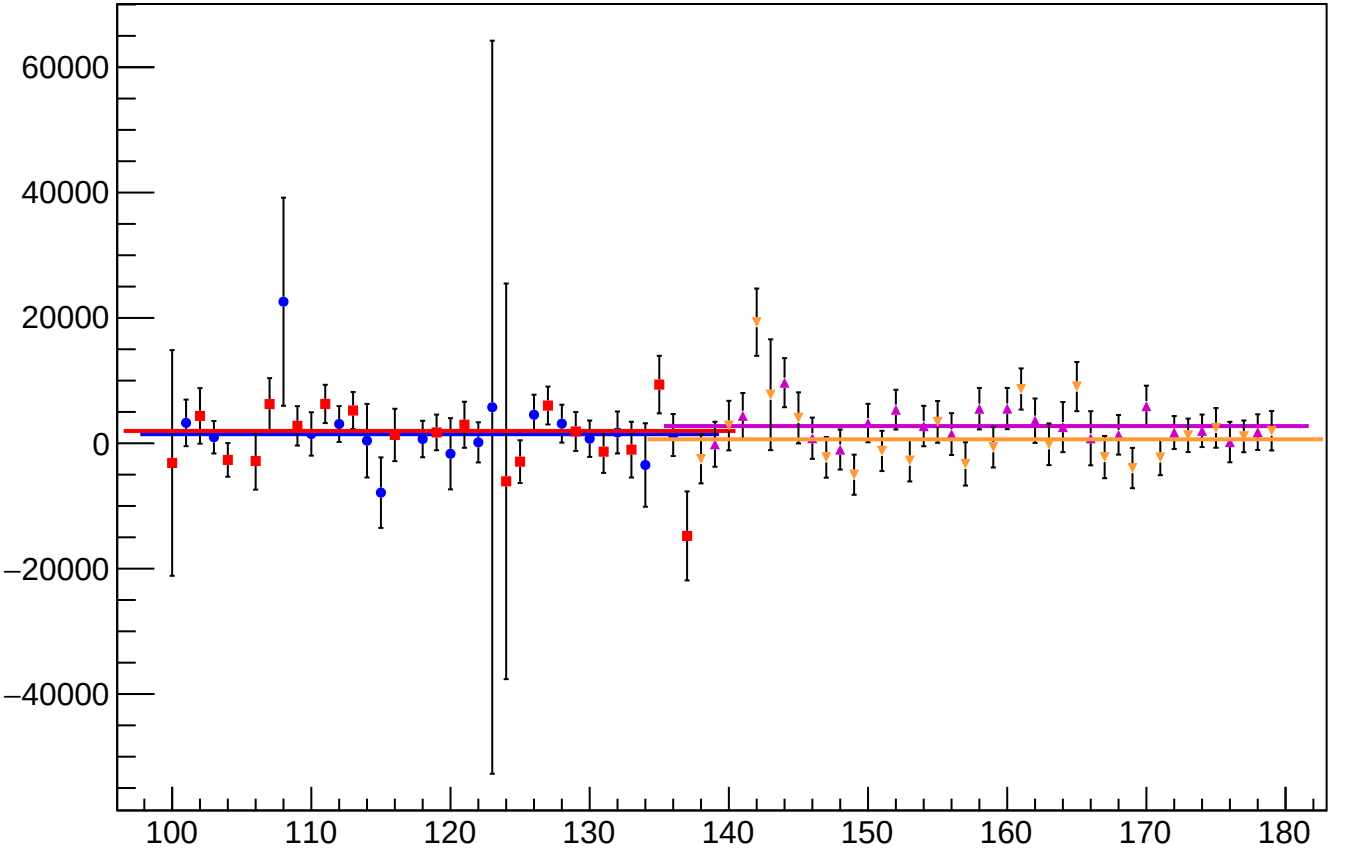
Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2645.195+/-0.400 χ^2/NDF:862683.9/36

Out: 2673.028+/-0.395 χ^2/NDF:1390479.6/40

All: 2659.291+/-0.281 χ^2/NDF: 2255620.2/77

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 636.413+/-717.192 χ^2/NDF:36.9/21

Right Out: 1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: 2746.644+/-727.742 χ^2/NDF:10.4/19

Left: 1676.122+/-510.820 χ^2/NDF: 51.5/41

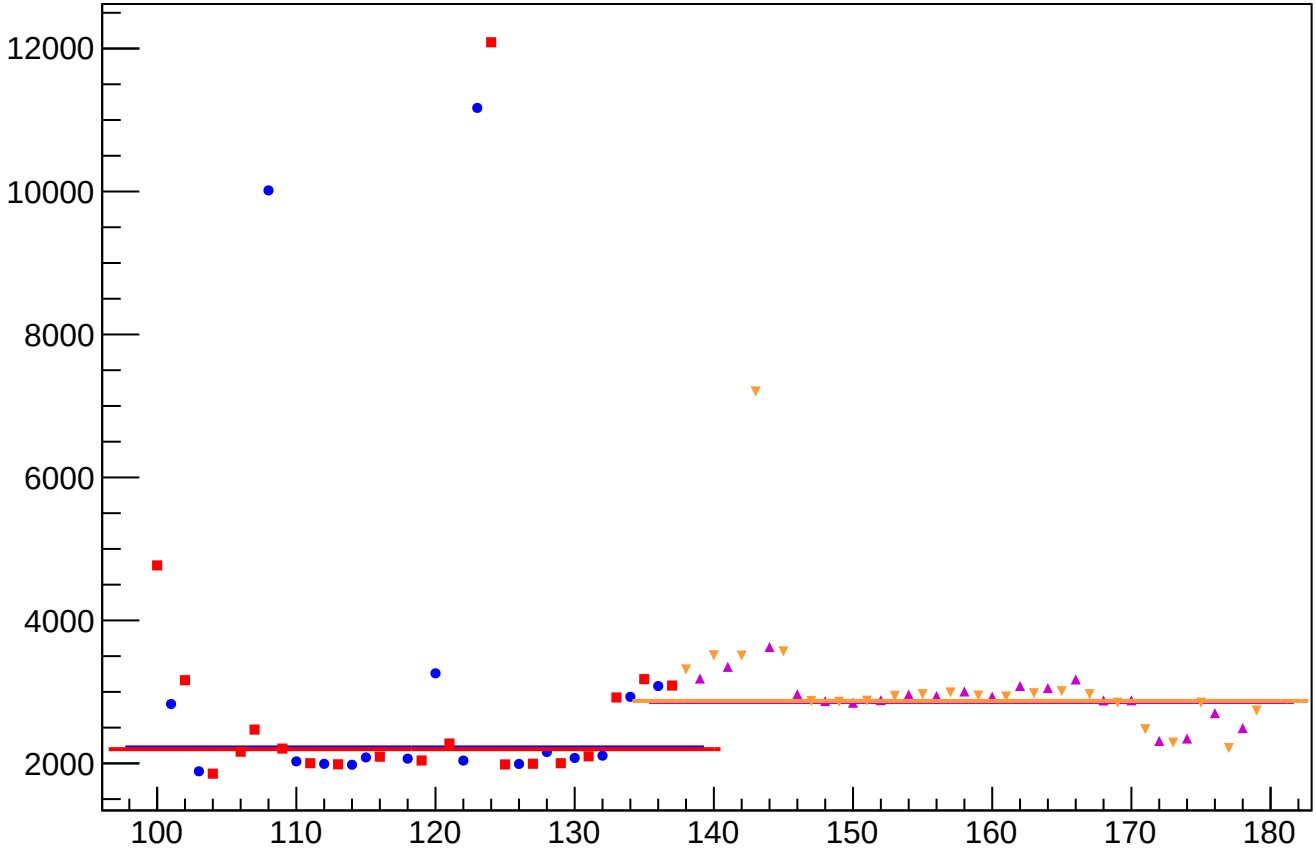
Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 2227.179+/-563.126 χ^2/NDF:19.0/36

Out: 1190.287+/-548.274 χ^2/NDF:60.7/40

All: 1694.879+/-392.834 χ^2/NDF: 81.4/77

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 2873.438+/-0.507 χ^2/NDF:931042.0/21

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 2858.309+/-0.515 χ^2/NDF:366132.8/19

Left: 2865.984+/-0.361 χ^2/NDF: 1297613.3/41

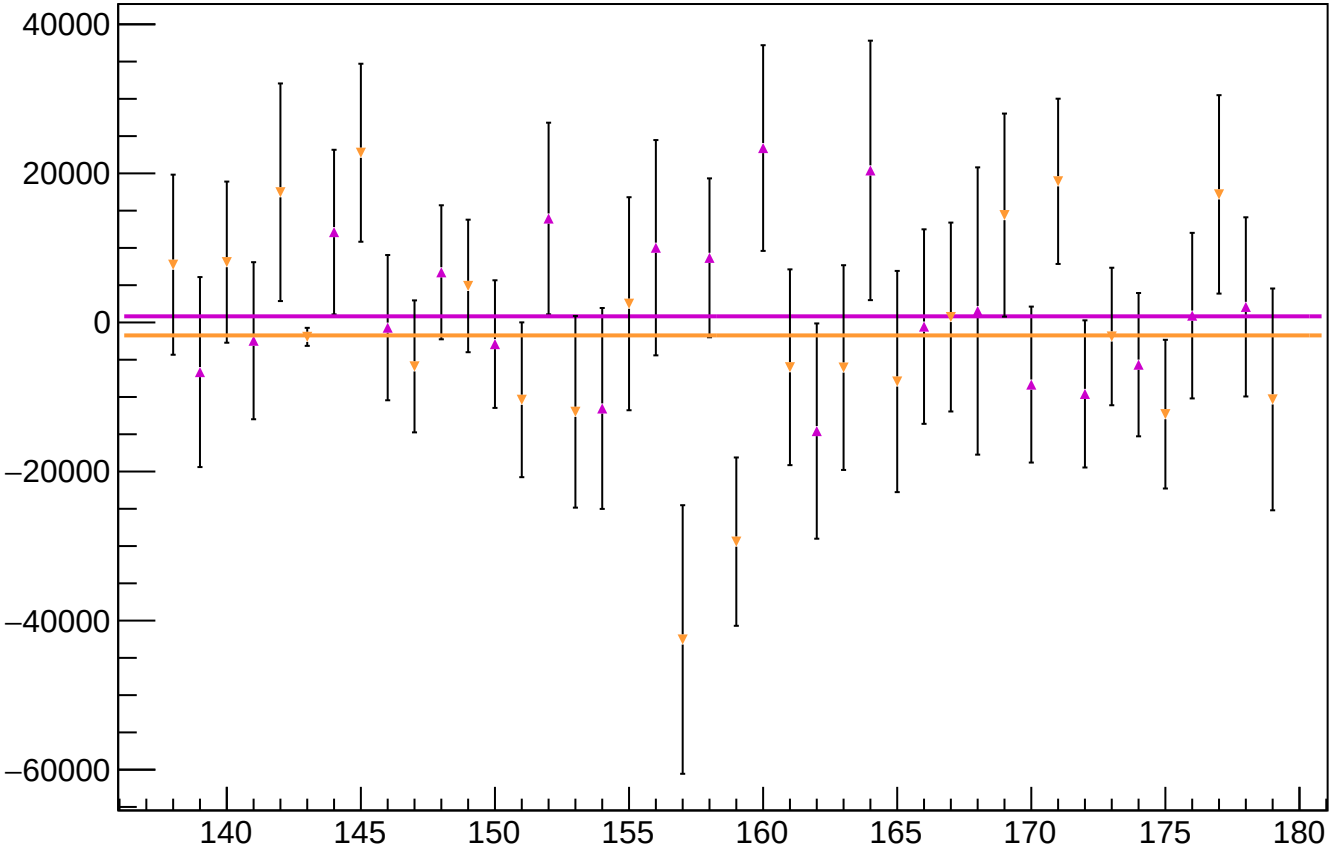
Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2603.453+/-0.398 χ^2/NDF:1827736.0/36

Out: 2592.817+/-0.388 χ^2/NDF:2269627.0/40

All: 2597.991+/-0.278 χ^2/NDF: 4097729.4/77

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1737.892+/-1094.000 χ^2/NDF:29.5/21

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

Left In: 822.641+/-2563.022 χ^2/NDF:12.4/19

Left: -1343.278+/-1006.175 χ^2/NDF: 42.8/41

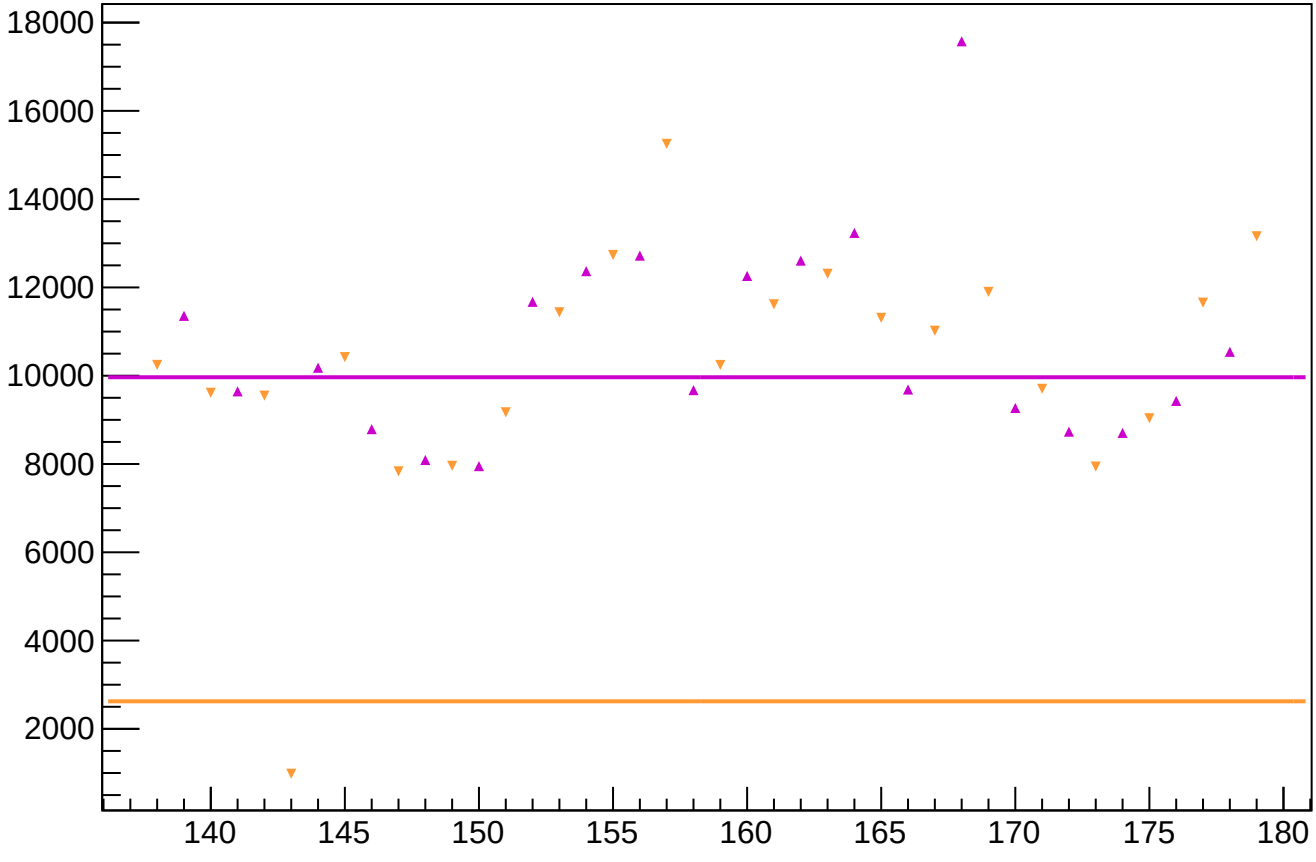
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 822.641+/-2563.022 χ^2/NDF:12.4/19

Out: -1737.892+/-1094.000 χ^2/NDF:29.5/21

All: -1343.278+/-1006.175 χ^2/NDF: 42.8/41

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2624.273+/-0.774 χ^2/NDF:21316777.3/21

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

Left In: 9965.485+/-1.812 χ^2/NDF:1015747.0/19

Left: 3755.657+/-0.711 χ^2/NDF: 36211991.7/41

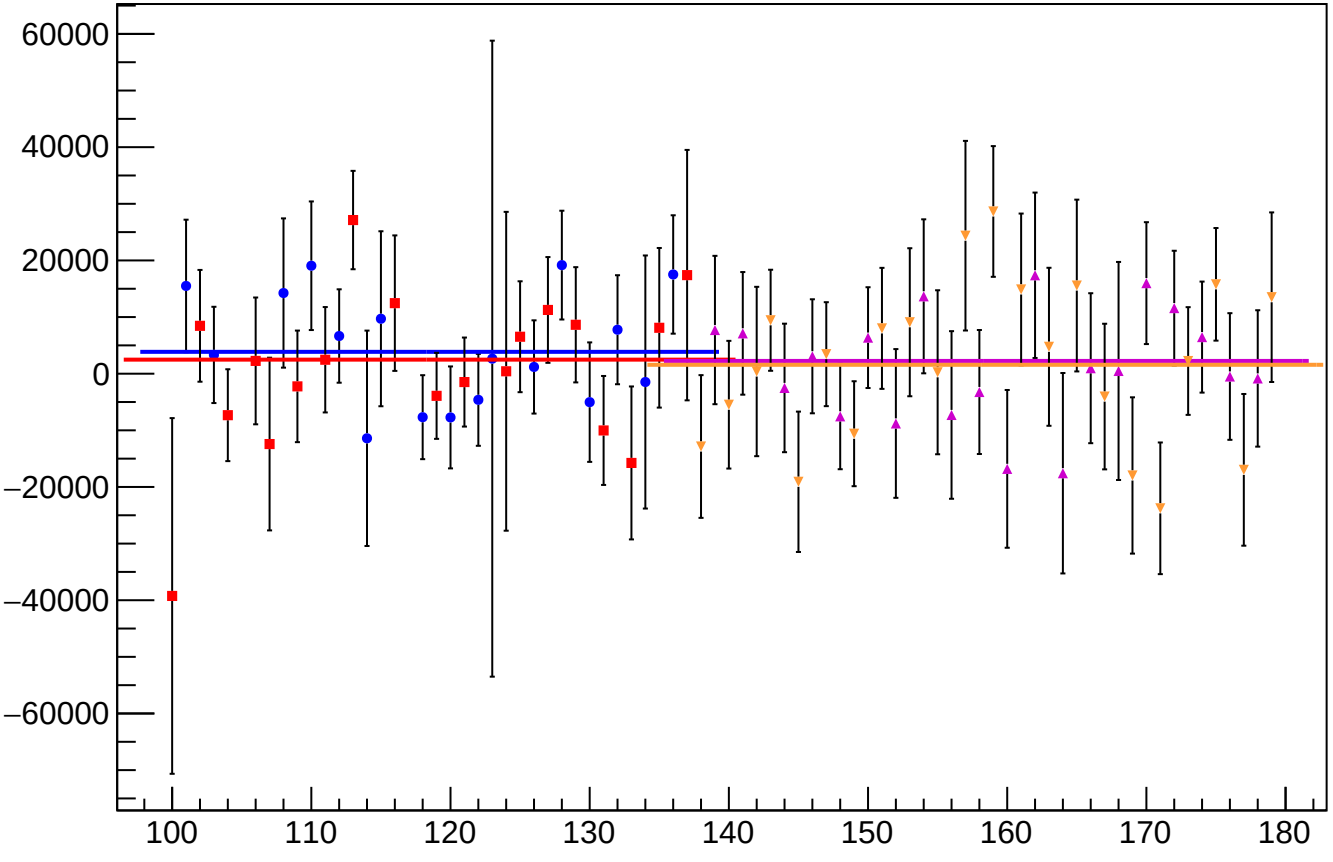
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9965.485+/-1.812 χ^2/NDF:1015747.0/19

Out: 2624.273+/-0.774 χ^2/NDF:21316777.3/21

All: 3755.657+/-0.711 χ^2/NDF: 36211991.7/4

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: 1572.740+/-2526.556 χ^2/NDF:28.5/21

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: 2253.701+/-2623.149 χ^2/NDF:11.0/19

Left: 1900.452+/-1819.735 χ^2/NDF: 39.5/41

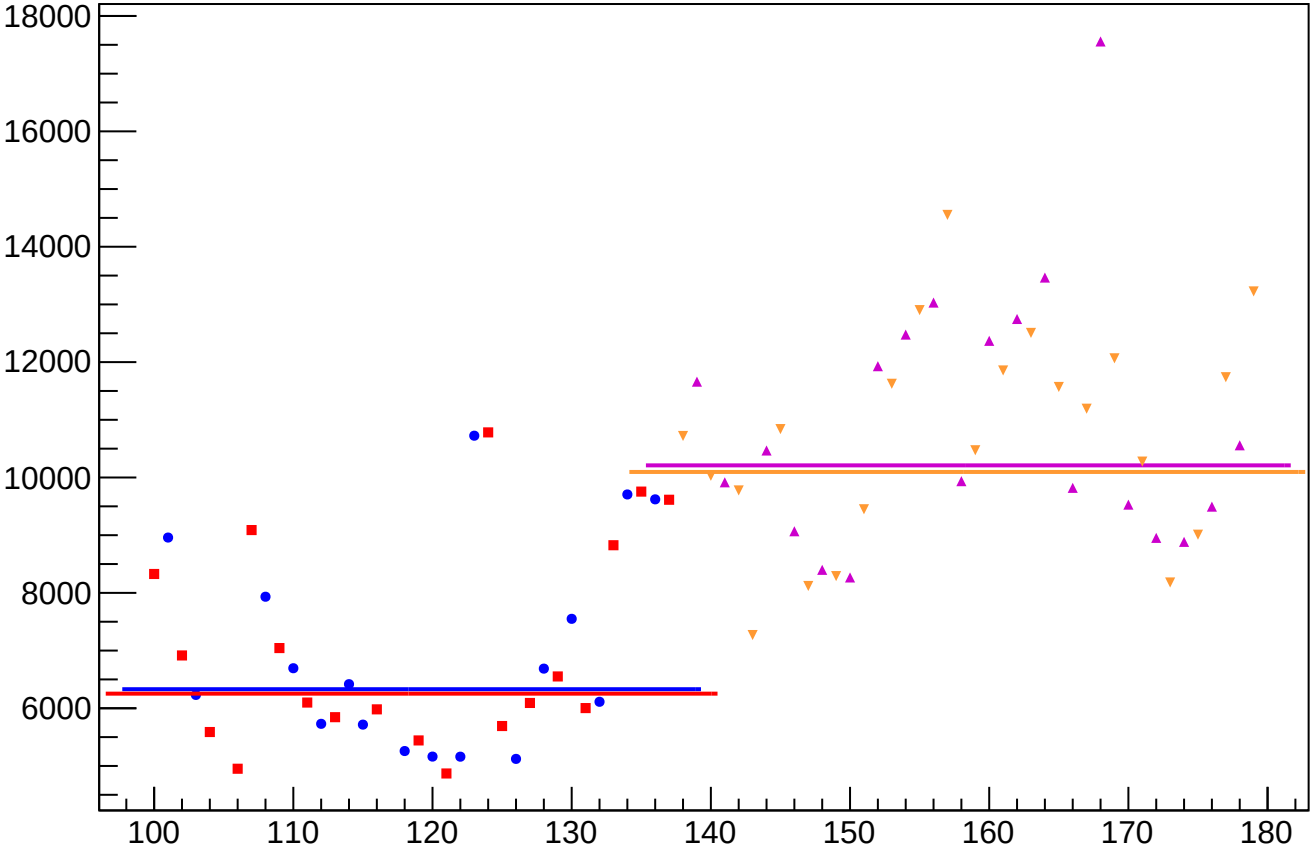
Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 3092.560+/-1813.060 χ^2/NDF:25.9/36

Out: 2047.184+/-1748.148 χ^2/NDF:48.6/40

All: 2550.823+/-1258.450 χ^2/NDF: 74.7/77

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 10096.171+/-1.787 χ^2/NDF:1027394.9/21

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

Left In: 10210.313+/-1.855 χ^2/NDF:941554.5/19

Left: 10151.102+/-1.287 χ^2/NDF: 1970913.9/41

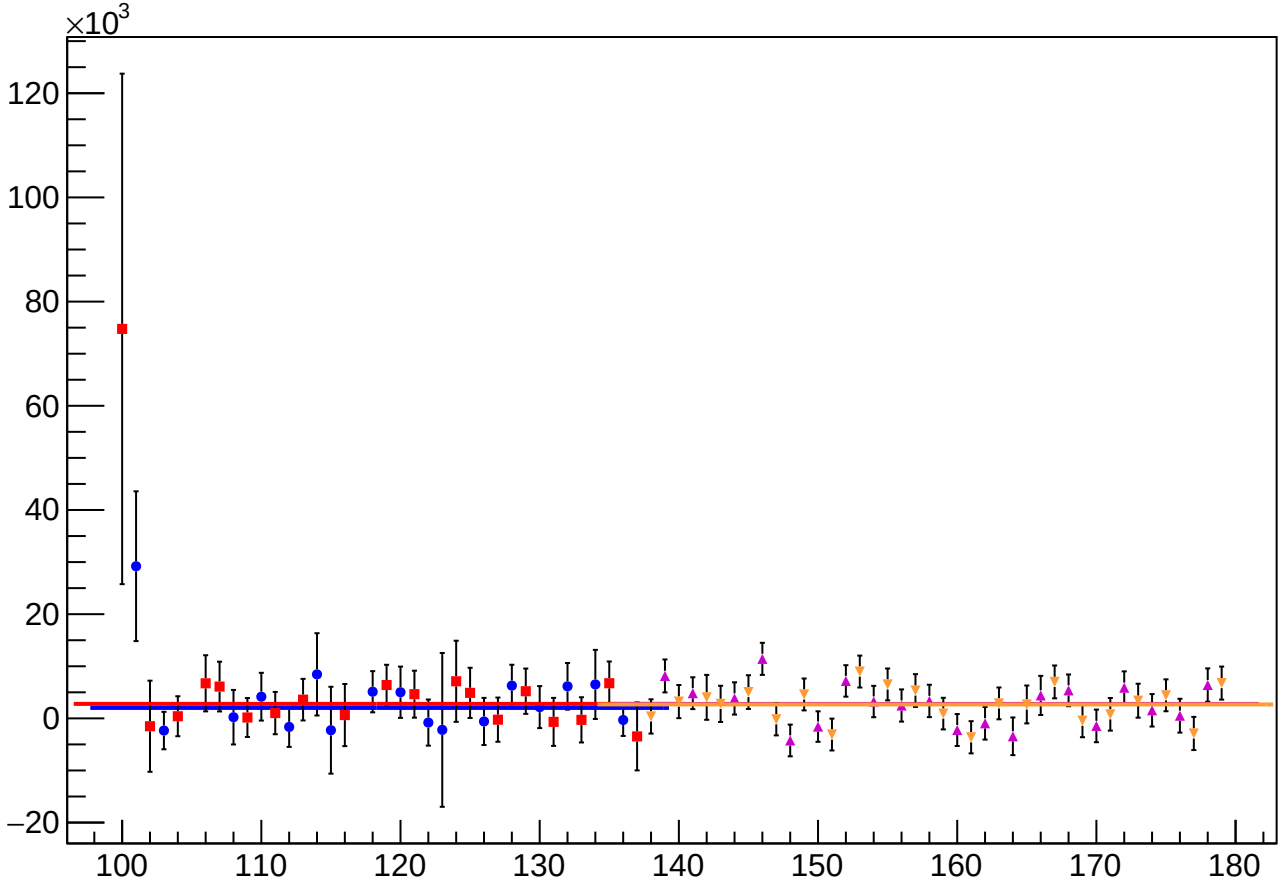
Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 8183.869+/-1.282 χ^2/NDF:3820301.3/36

Out: 8092.958+/-1.236 χ^2/NDF:3974607.5/40

All: 8136.756+/-0.890 χ^2/NDF: 7797514.8/77

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 2677.259+/-681.556 χ^2/NDF:25.3/21

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 2767.897+/-701.304 χ^2/NDF:33.8/19

Left: 2721.284+/-488.765 χ^2/NDF: 59.1/41

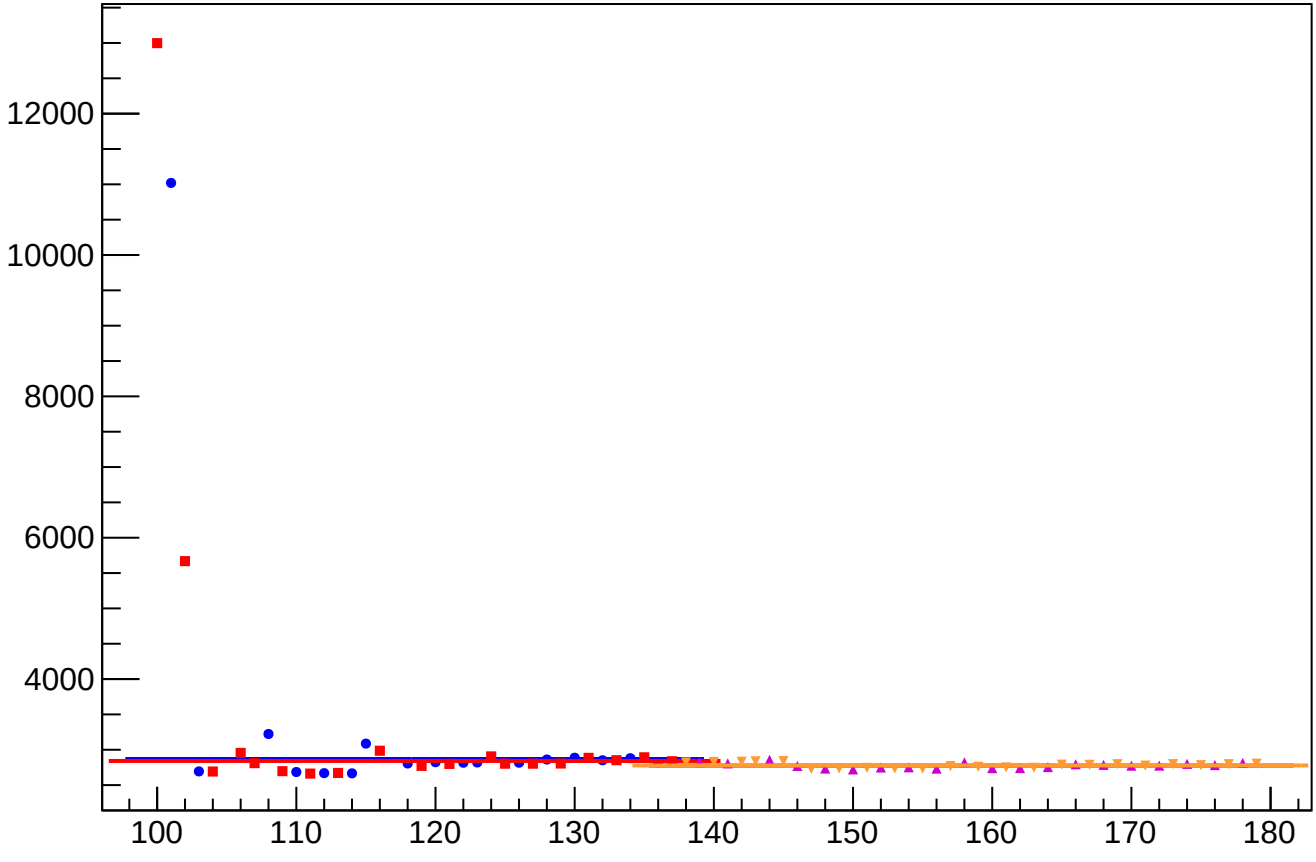
Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 2557.010+/-596.493 χ^2/NDF:46.2/36

Out: 2706.568+/-577.312 χ^2/NDF:35.2/40

All: 2634.233+/-414.836 χ^2/NDF: 81.4/77

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2777.713+/-0.482 χ^2/NDF:5236.4/21

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2776.053+/-0.496 χ^2/NDF:5279.6/19

Left: 2776.907+/-0.346 χ^2/NDF: 10521.7/41

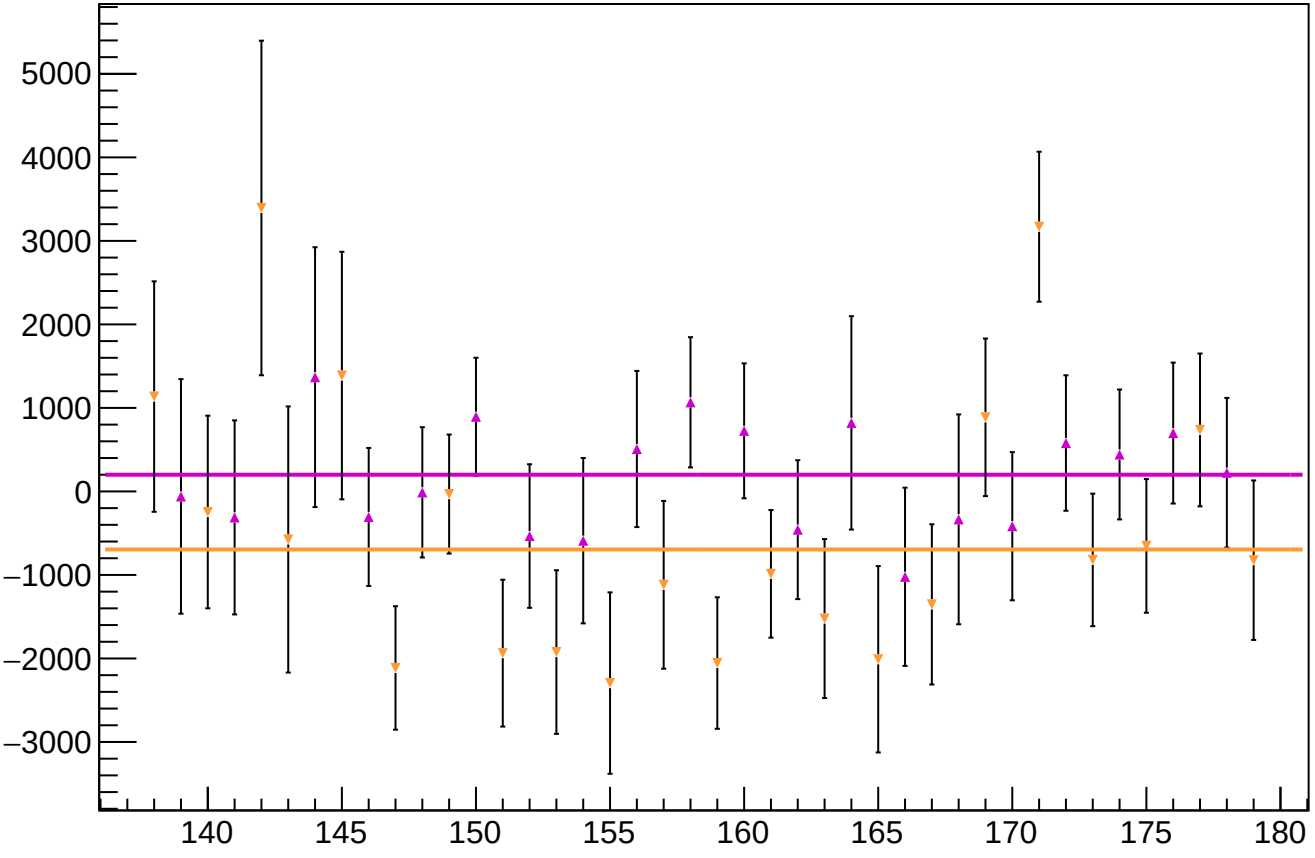
Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2801.814+/-0.422 χ^2/NDF:684937.2/36

Out: 2795.750+/-0.408 χ^2/NDF:322717.8/40

All: 2798.683+/-0.293 χ^2/NDF: 1007761.8/77

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -695.290+/-202.134 χ^2/NDF:48.1/21

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

Left In: 200.237+/-203.553 χ^2/NDF:8.8/19

Left: -250.659+/-143.429 χ^2/NDF: 66.7/41

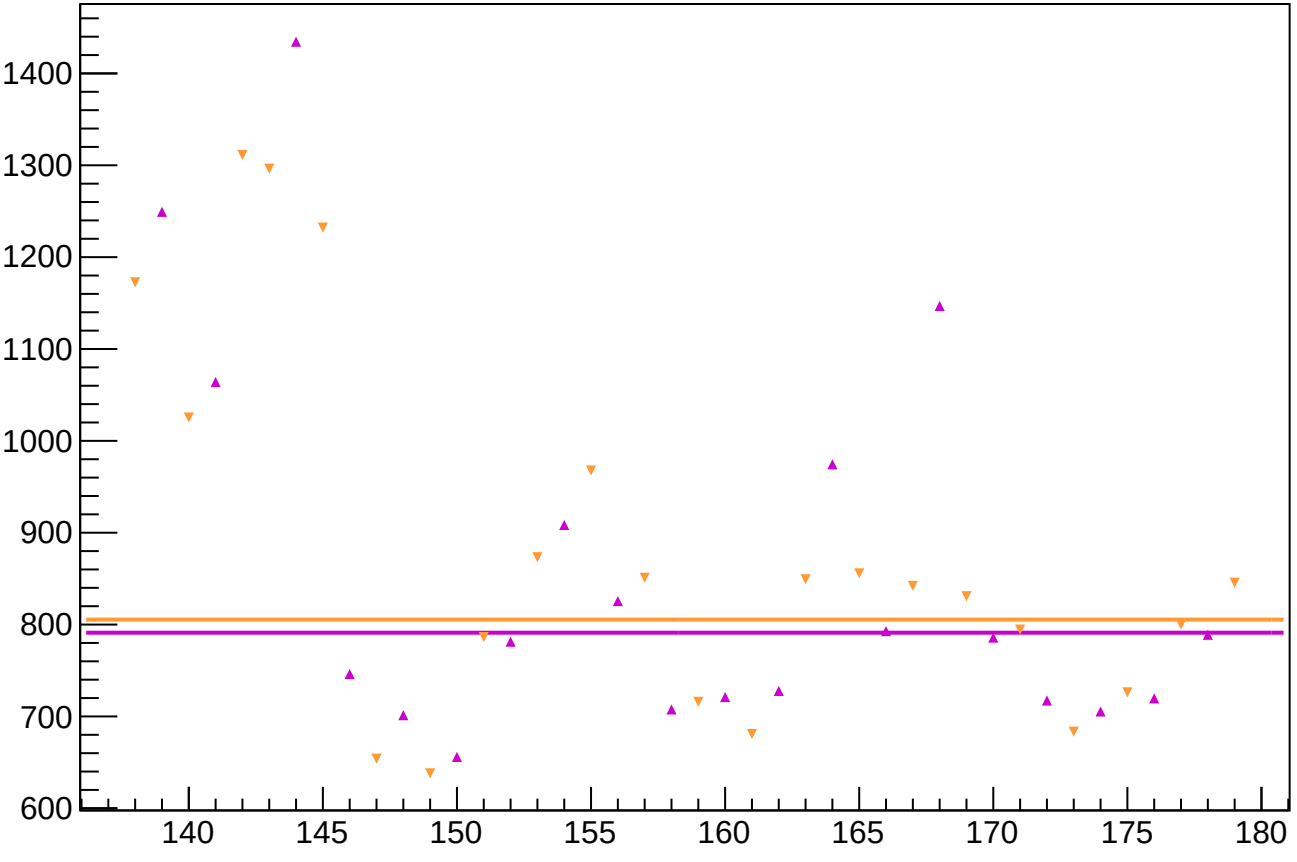
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 200.237+/-203.553 χ^2/NDF:8.8/19

Out: -695.290+/-202.134 χ^2/NDF:48.1/21

All: -250.659+/-143.429 χ^2/NDF: 66.7/41

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 805.414+/-0.143 χ^2/NDF:1113700.2/21

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

Left In: 791.163+/-0.144 χ^2/NDF:1108772.7/19

Left: 798.339+/-0.101 χ^2/NDF: 2227408.8/41

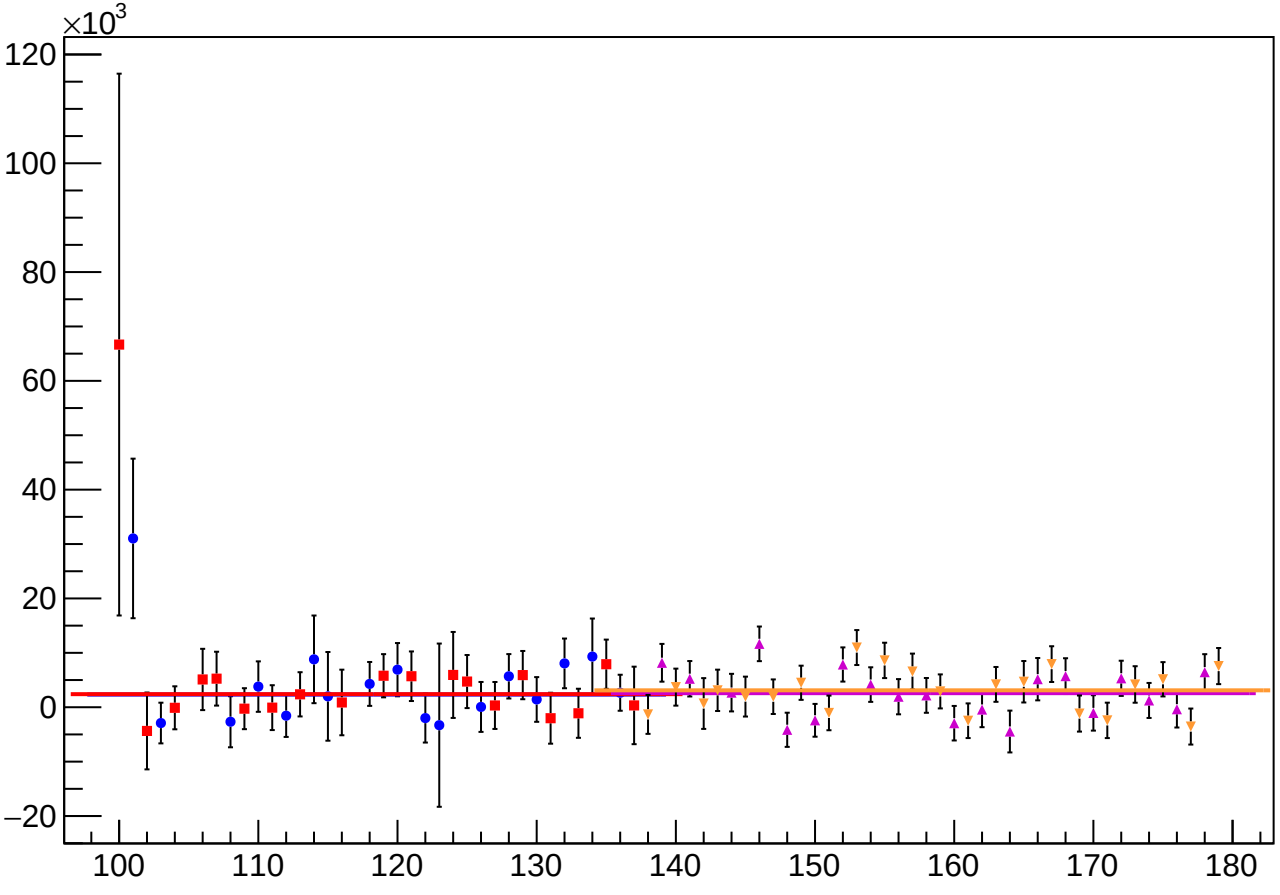
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 791.163+/-0.144 χ^2/NDF:1108772.7/19

Out: 805.414+/-0.143 χ^2/NDF:1113700.2/21

All: 798.339+/-0.101 χ^2/NDF: 2227408.8/41

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 3107.761+/-715.599 χ^2/NDF:30.3/21

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 2586.277+/-734.825 χ^2/NDF:34.7/19

Left: 2853.930+/-512.667 χ^2/NDF: 65.3/41

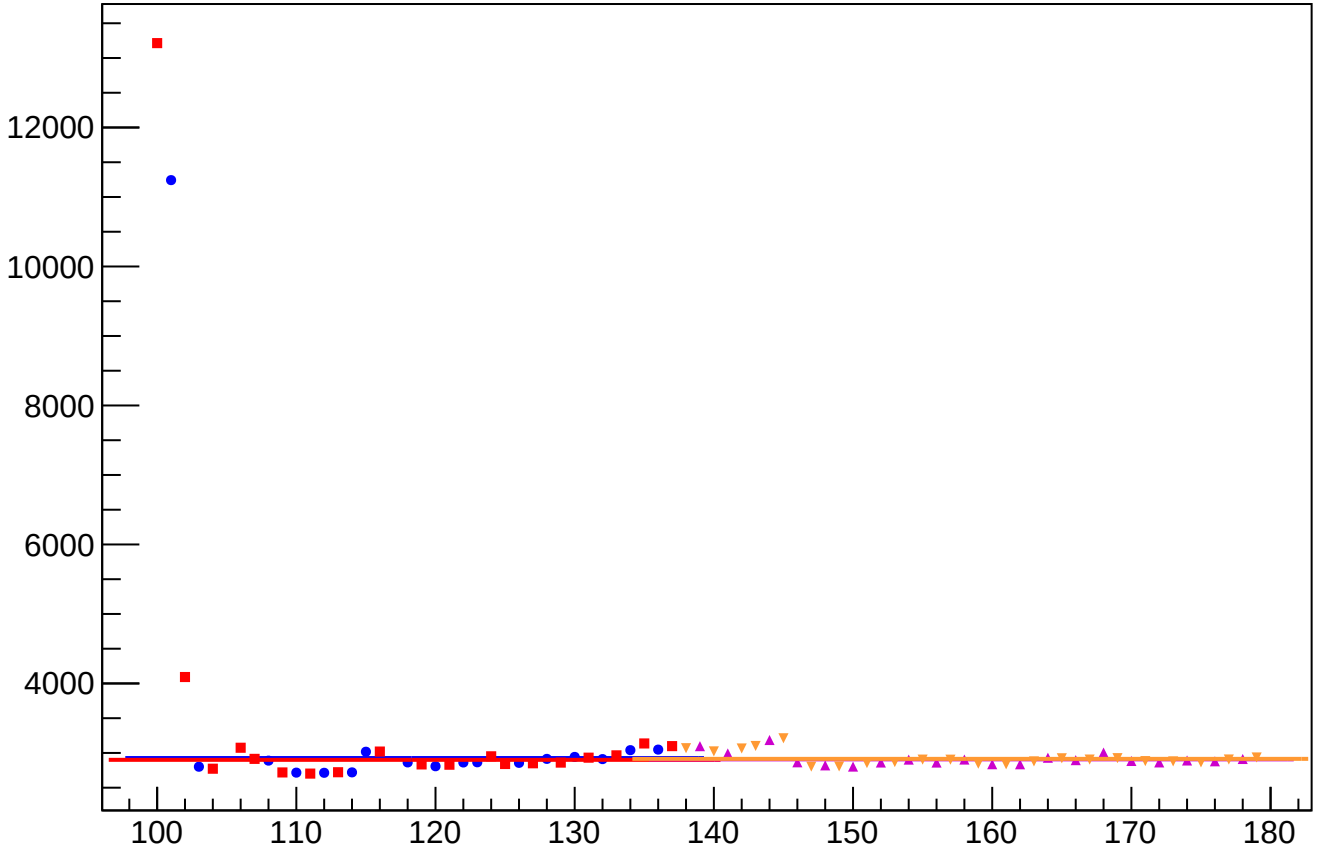
Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 2512.614+/-620.226 χ^2/NDF:49.1/36

Out: 2901.092+/-601.461 χ^2/NDF:40.7/40

All: 2712.818+/-431.779 χ^2/NDF: 90.0/77

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 2914.891+/-0.506 χ^2/NDF:35139.2/21

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 2907.565+/-0.520 χ^2/NDF:29858.7/19

Left: 2911.325+/-0.363 χ^2/NDF: 65099.9/41

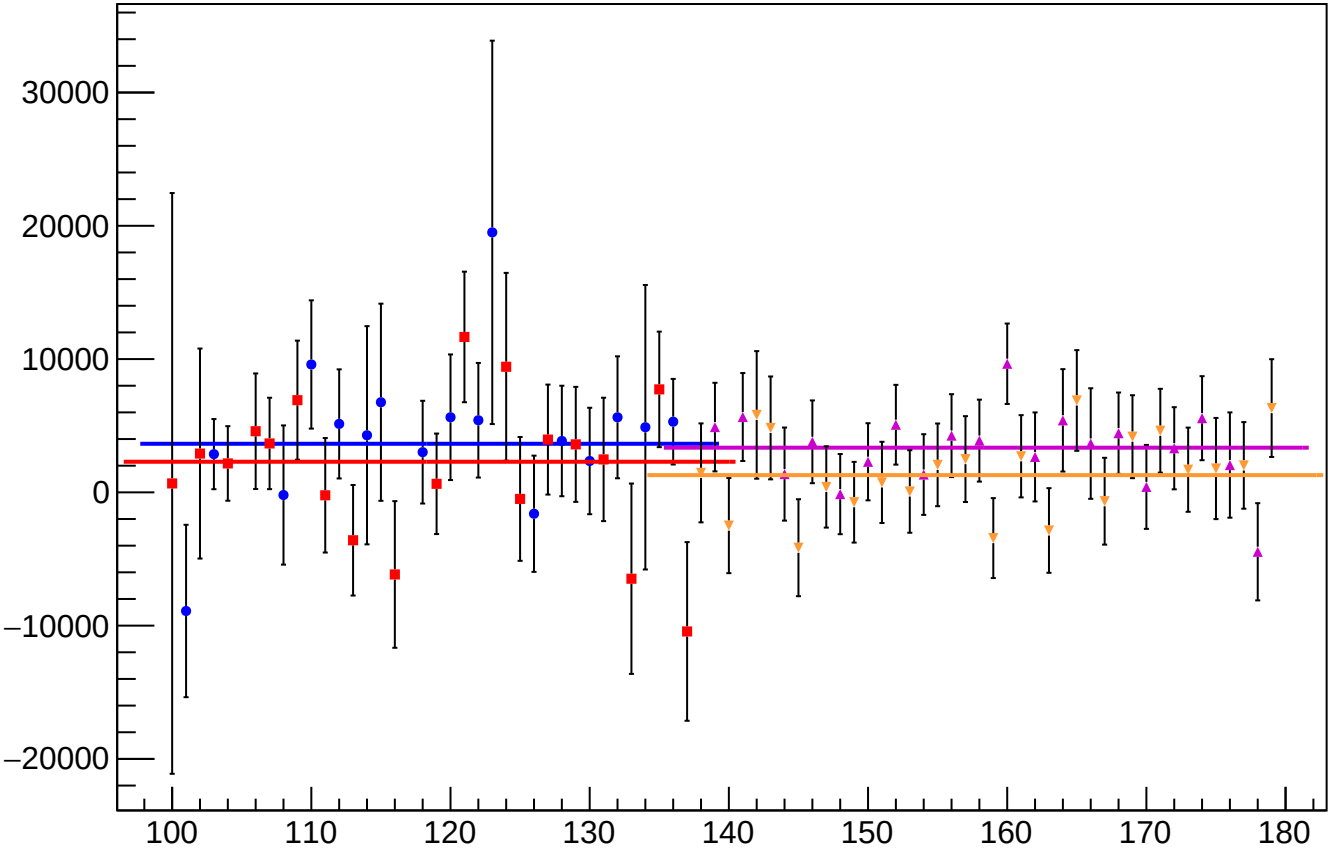
Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2913.042+/-0.439 χ^2/NDF:693039.4/36

Out: 2910.762+/-0.425 χ^2/NDF:205232.5/40

All: 2911.867+/-0.305 χ^2/NDF: 898285.9/77

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 1293.862+/-709.001 χ^2/NDF:16.9/21

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 3351.221+/-724.131 χ^2/NDF:14.3/19

Left: 2300.824+/-506.604 χ^2/NDF: 35.3/41

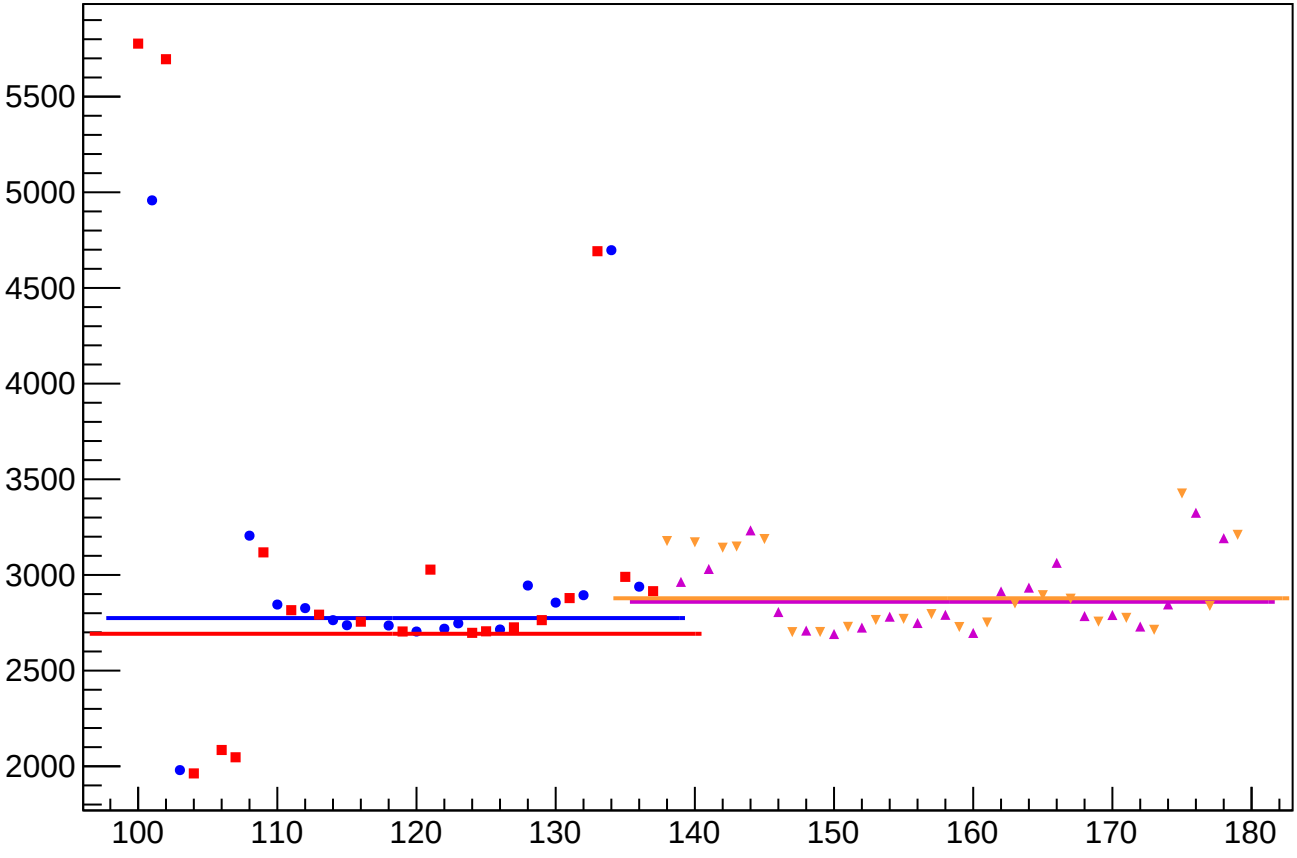
Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3441.090+/-603.412 χ^2/NDF:24.2/36

Out: 1608.936+/-587.038 χ^2/NDF:36.0/40

All: 2499.818+/-420.768 χ^2/NDF: 64.9/77

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2878.085+/-0.501 χ^2/NDF:159026.1/21

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 2859.758+/-0.512 χ^2/NDF:113509.6/19

Left: 2869.115+/-0.358 χ^2/NDF: 273189.8/41

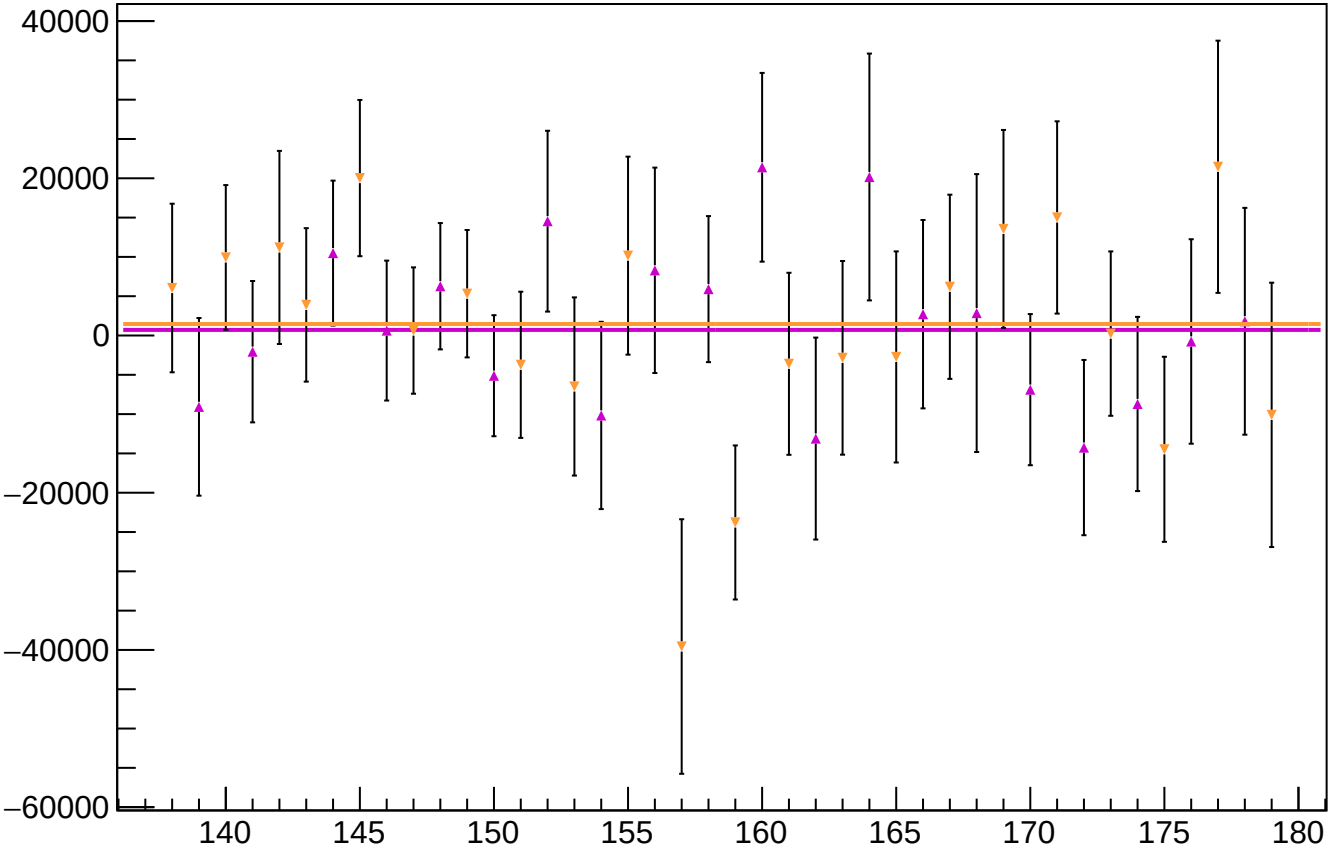
Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2833.737+/-0.427 χ^2/NDF:623639.9/36

Out: 2819.705+/-0.415 χ^2/NDF:982398.0/40

All: 2826.527+/-0.298 χ^2/NDF: 1606593.5/77

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 1461.716+/-2344.073 χ^2/NDF:26.4/21

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

Left In: 711.110+/-2397.682 χ^2/NDF:14.8/19

Left: 1094.898+/-1676.142 χ^2/NDF: 41.3/41

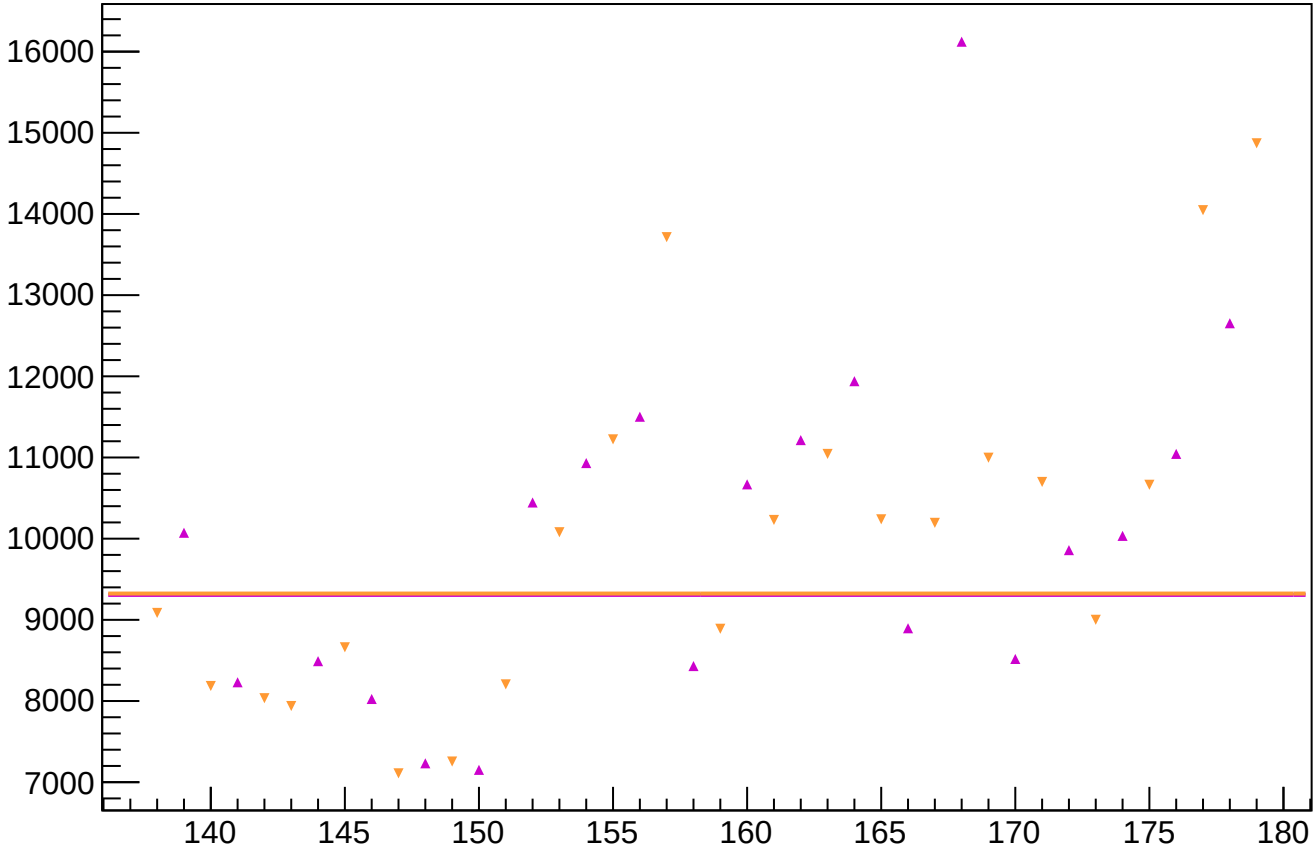
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 711.110+/-2397.682 χ^2/NDF:14.8/19

Out: 1461.716+/-2344.073 χ^2/NDF:26.4/21

All: 1094.898+/-1676.142 χ^2/NDF: 41.3/41

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 9323.733+/-1.658 χ^2/NDF:1170355.0/21

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

Left In: 9307.065+/-1.695 χ^2/NDF:1111941.7/19

Left: 9315.588+/-1.185 χ^2/NDF: 2282346.1/41

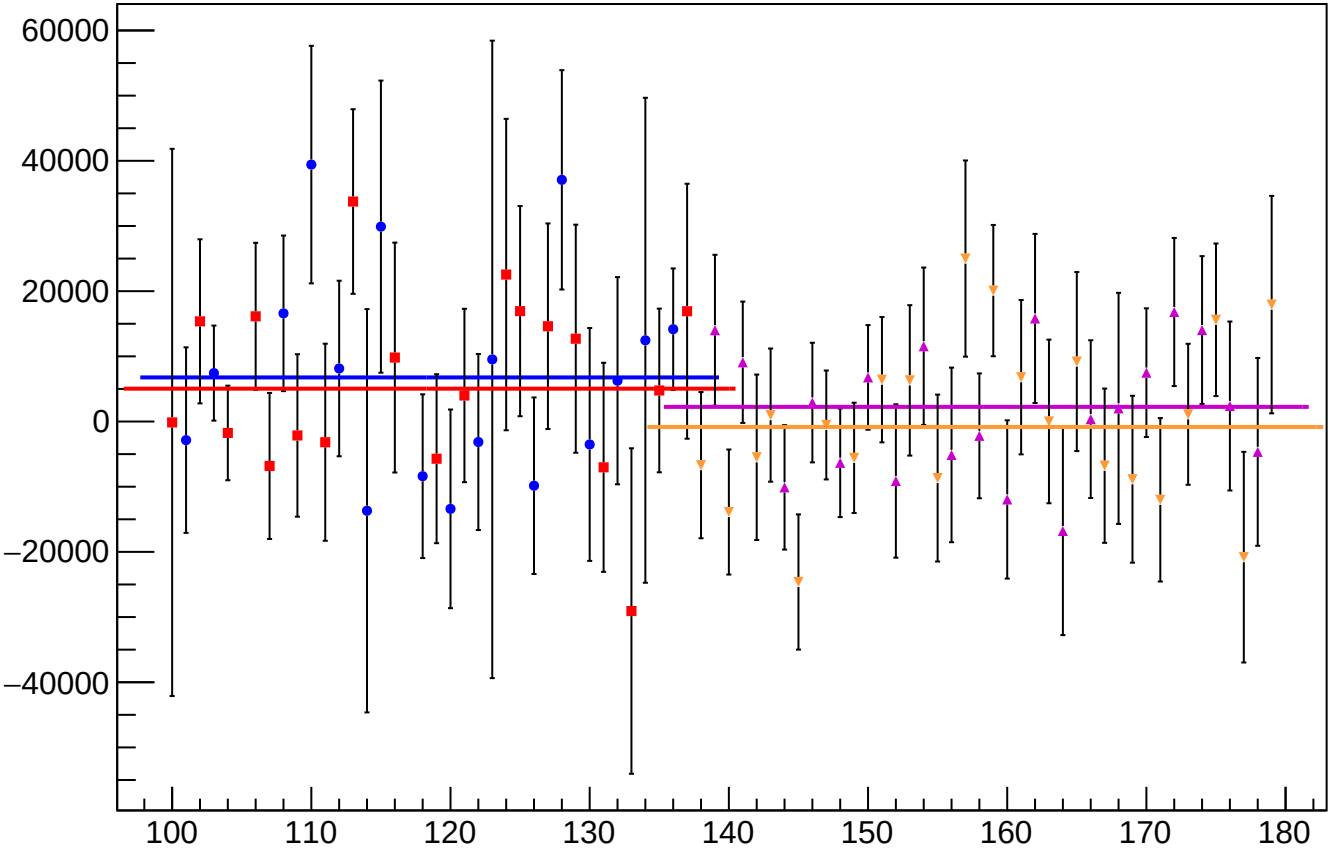
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9307.065+/-1.695 χ^2/NDF:1111941.7/19

Out: 9323.733+/-1.658 χ^2/NDF:1170355.0/21

All: 9315.588+/-1.185 χ^2/NDF: 2282346.1/41

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -833.612+/-2407.469 χ^2/NDF:23.6/21

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 2246.697+/-2457.859 χ^2/NDF:13.8/19

Left: 674.643+/-1719.876 χ^2/NDF: 38.3/41

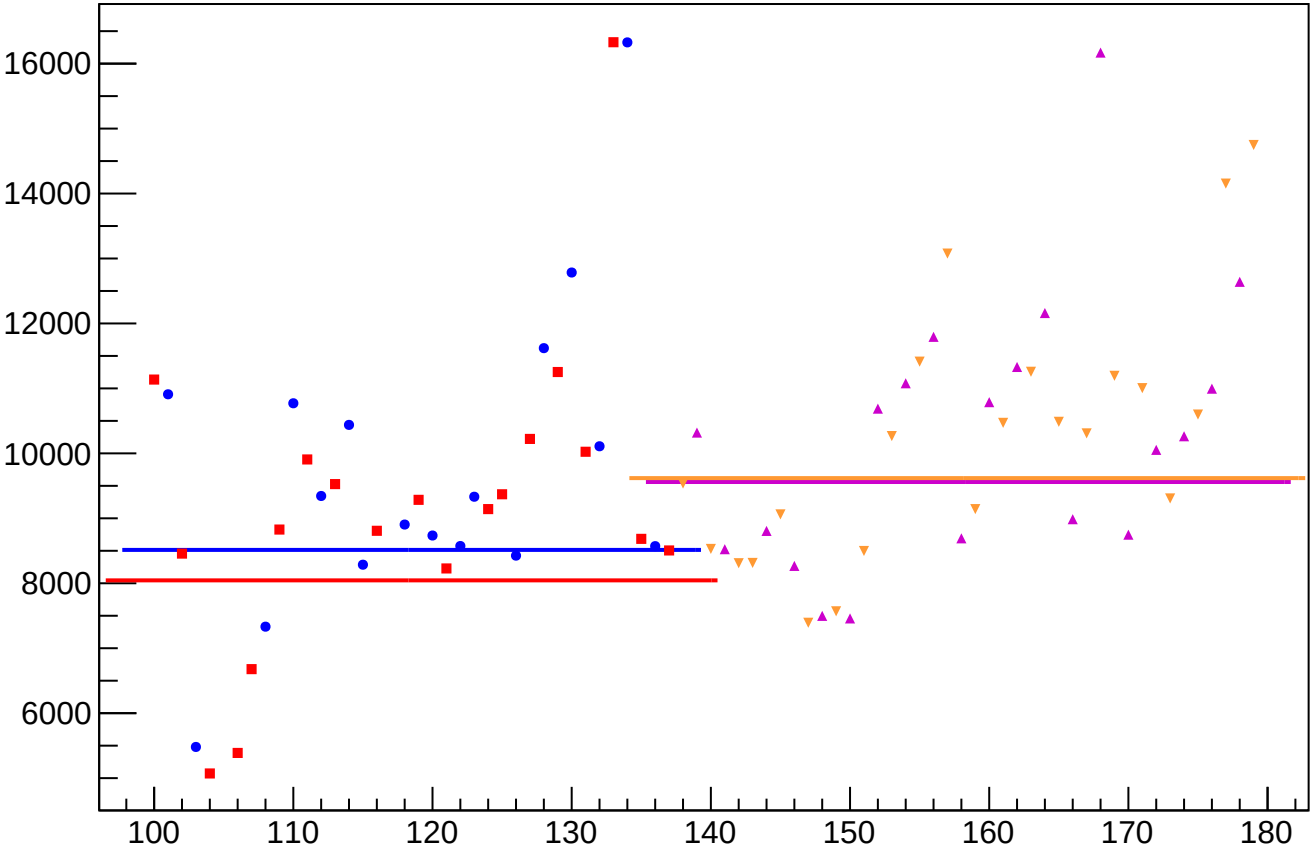
Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 3806.034+/-1989.299 χ^2/NDF:30.3/36

Out: 1317.488+/-1916.712 χ^2/NDF:39.4/40

All: 2515.532+/-1380.268 χ^2/NDF: 70.6/77

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 9618.987+/-1.702 χ^2/NDF:1003895.5/21

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 9559.097+/-1.738 χ^2/NDF:1001259.9/19

Left: 9589.662+/-1.216 χ^2/NDF: 2005761.4/41

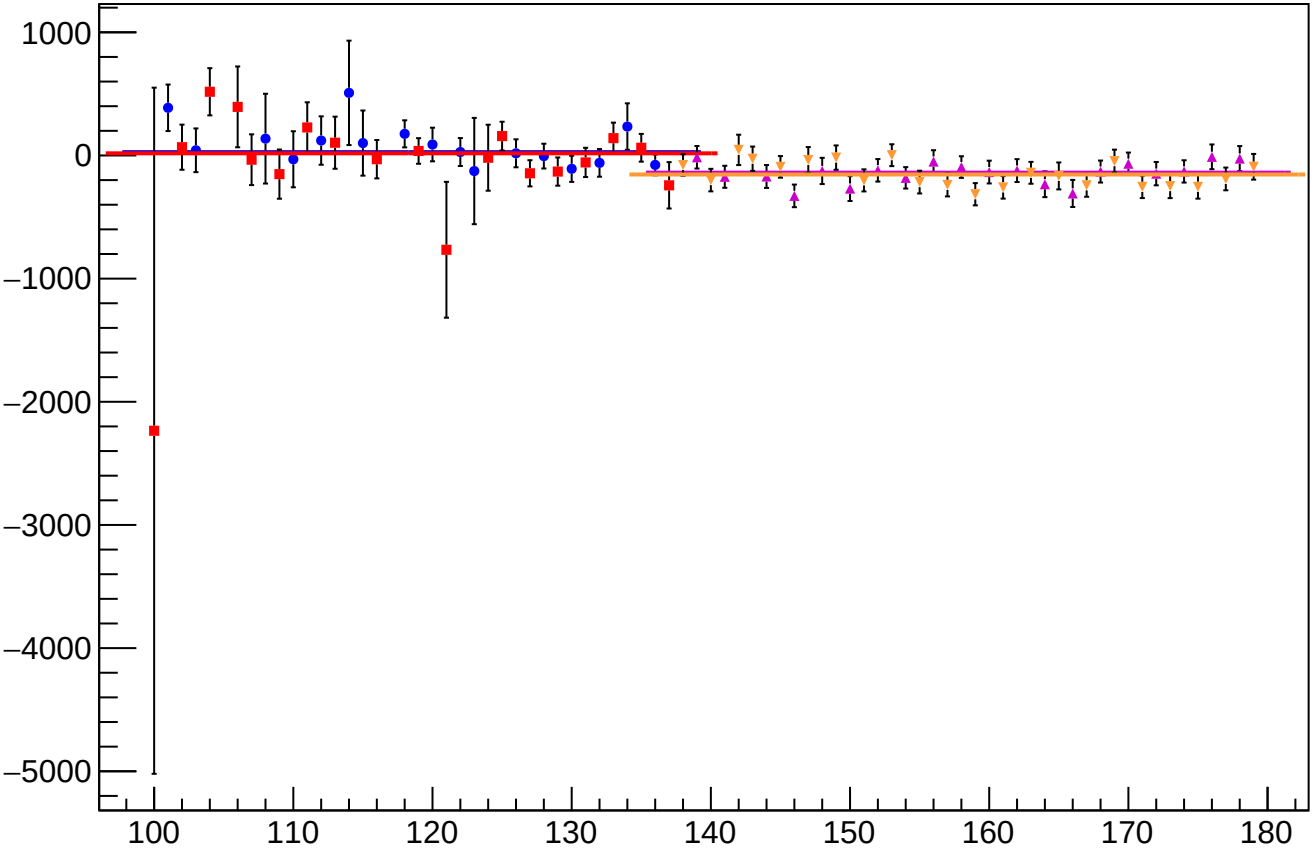
Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 9198.494+/-1.407 χ^2/NDF:1888682.1/36

Out: 9042.564+/-1.355 χ^2/NDF:2269335.3/40

All: 9117.631+/-0.976 χ^2/NDF: 4164389.8/77

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -154.464+/-20.194 χ^2/NDF:24.2/21

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -139.341+/-21.085 χ^2/NDF:16.3/19

Left: -147.229+/-14.584 χ^2/NDF: 40.7/41

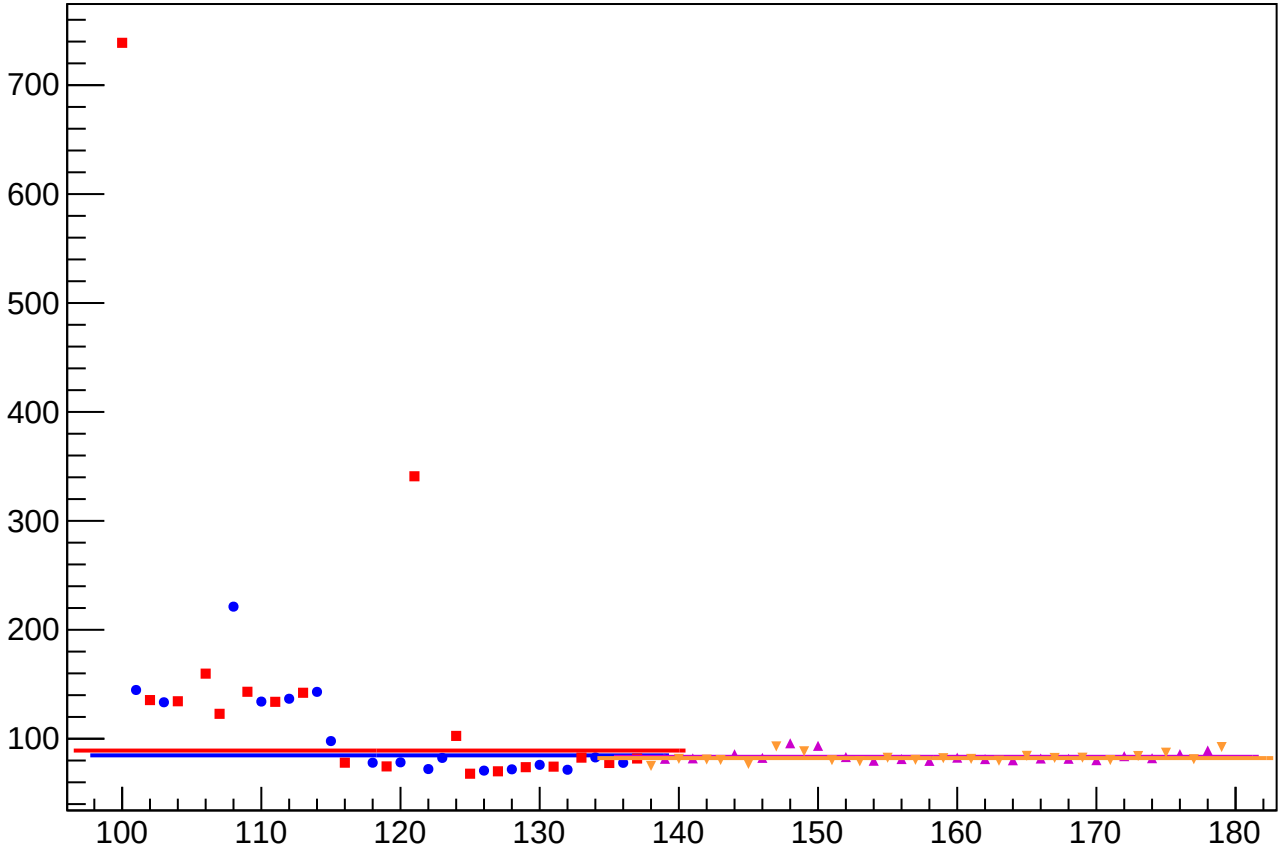
Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -93.212+/-17.923 χ^2/NDF:46.1/36

Out: -112.538+/-17.559 χ^2/NDF:63.7/40

All: -103.074+/-12.543 χ^2/NDF: 110.4/77

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 82.221+/-0.014 χ^2/NDF:82895.0/21

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 83.413+/-0.015 χ^2/NDF:72836.9/19

Left: 82.791+/-0.010 χ^2/NDF: 159064.7/41

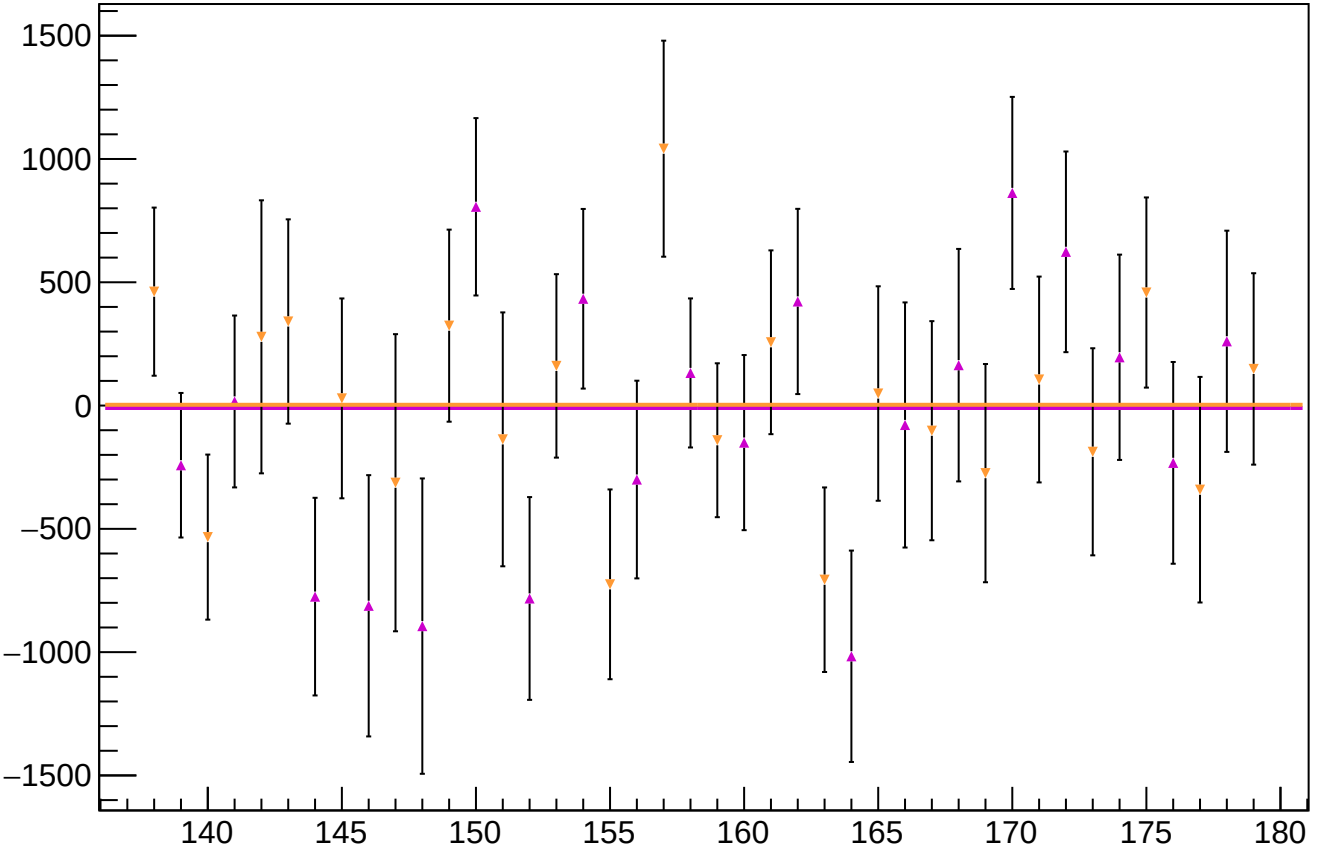
Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 83.780+/-0.013 χ^2/NDF:1139445.5/36

Out: 83.910+/-0.012 χ^2/NDF:1699499.0/40

All: 83.846+/-0.009 χ^2/NDF: 2838998.0/77

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 3.137+/-86.181 χ^2/NDF:22.8/21

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

Left In: -9.826+/-87.994 χ^2/NDF:35.1/19

Left: -3.210+/-61.570 χ^2/NDF: 58.0/41

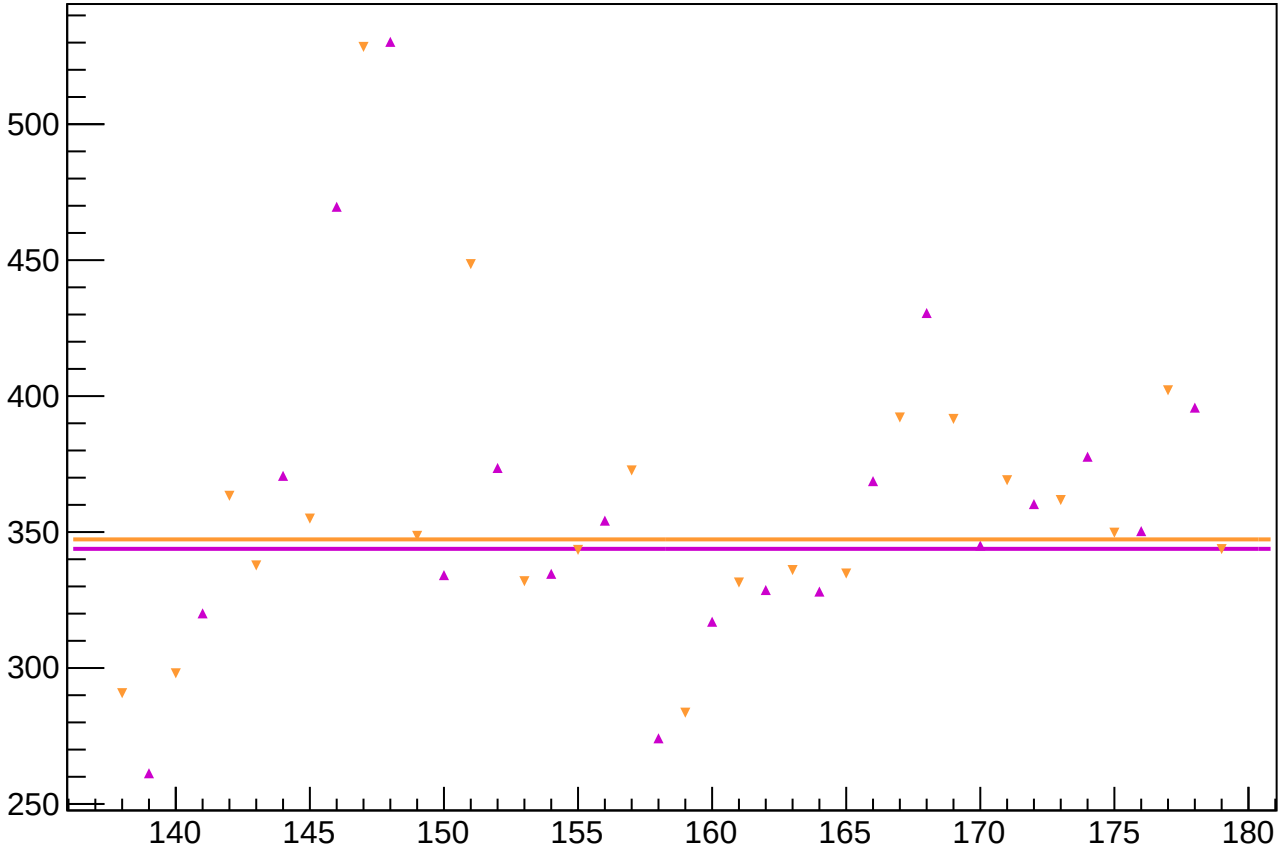
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.826+/-87.994 χ^2/NDF:35.1/19

Out: 3.137+/-86.181 χ^2/NDF:22.8/21

All: -3.210+/-61.570 χ^2/NDF: 58.0/41

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 347.305+/-0.061 χ^2/NDF:537910.5/21

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

Left In: 343.824+/-0.062 χ^2/NDF:738109.5/19

Left: 345.601+/-0.044 χ^2/NDF: 1277617.5/41

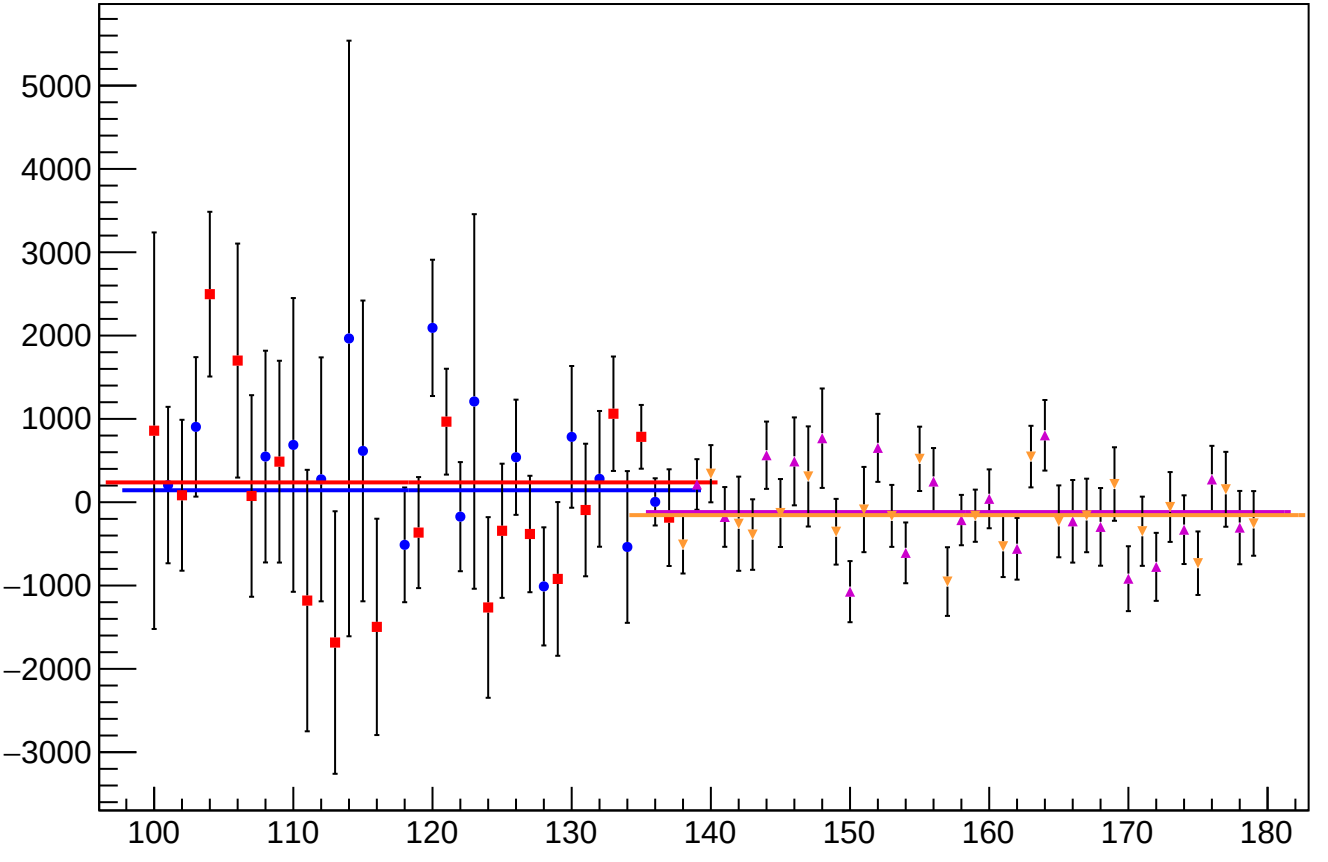
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 343.824+/-0.062 χ^2/NDF:738109.5/19

Out: 347.305+/-0.061 χ^2/NDF:537910.5/21

All: 345.601+/-0.044 χ^2/NDF: 1277617.5/41

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -155.007+/-86.117 χ^2/NDF:19.6/21

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: -118.362+/-88.176 χ^2/NDF:35.4/19

Left: -137.117+/-61.609 χ^2/NDF: 55.2/41

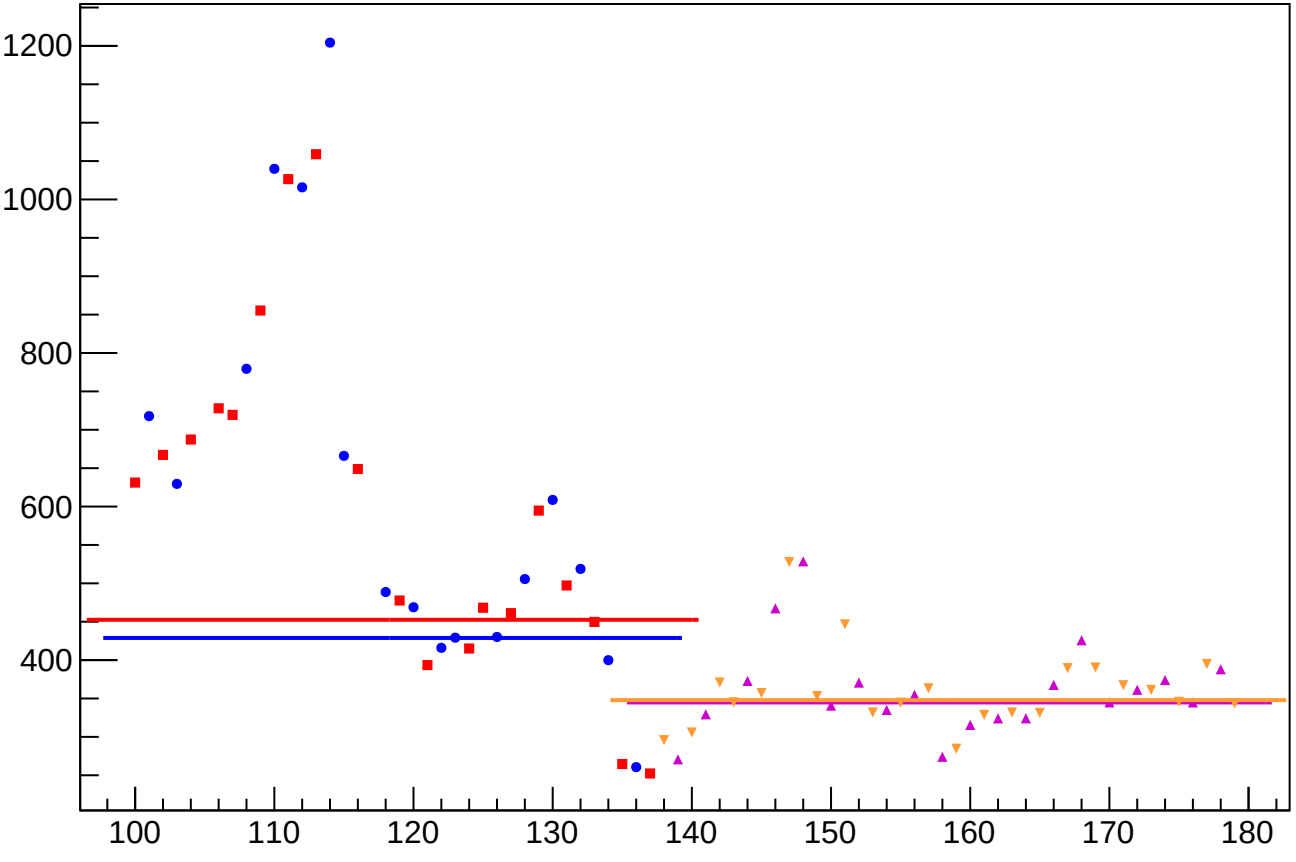
Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: -67.339+/-79.120 χ^2/NDF:49.9/36

Out: -84.417+/-77.997 χ^2/NDF:45.1/40

All: -76.000+/-55.545 χ^2/NDF: 95.0/77

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 347.846+/-0.061 χ^2/NDF:498810.1/21

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 344.863+/-0.062 χ^2/NDF:673107.5/19

Left: 346.390+/-0.044 χ^2/NDF: 1173089.3/41

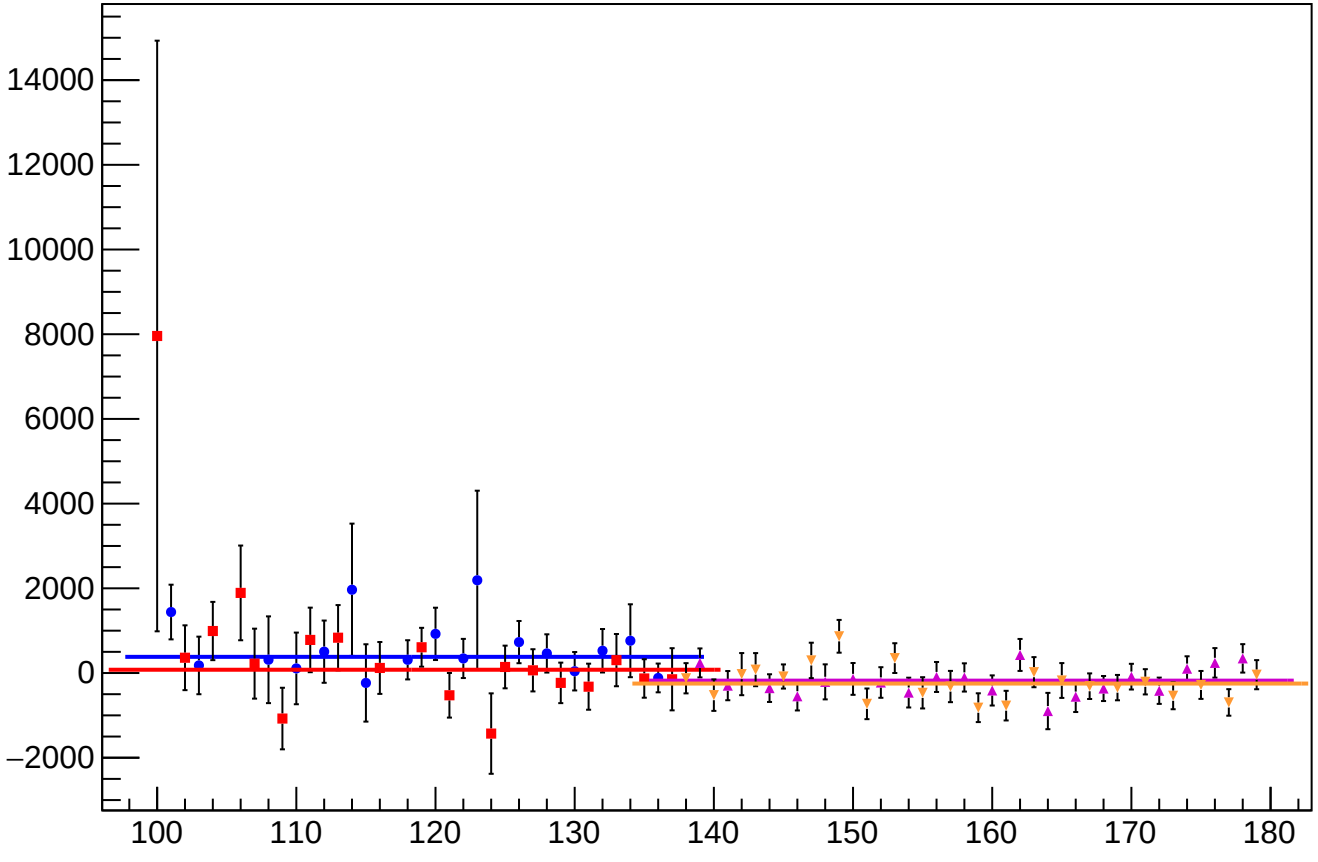
Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 361.230+/-0.056 χ^2/NDF:3039051.5/36

Out: 366.656+/-0.055 χ^2/NDF:3068986.0/40

All: 363.981+/-0.039 χ^2/NDF: 6112807.6/77

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -249.006+/-74.032 χ^2/NDF:26.0/21

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -179.877+/-76.639 χ^2/NDF:16.7/19

Left: -215.637+/-53.246 χ^2/NDF: 43.2/41

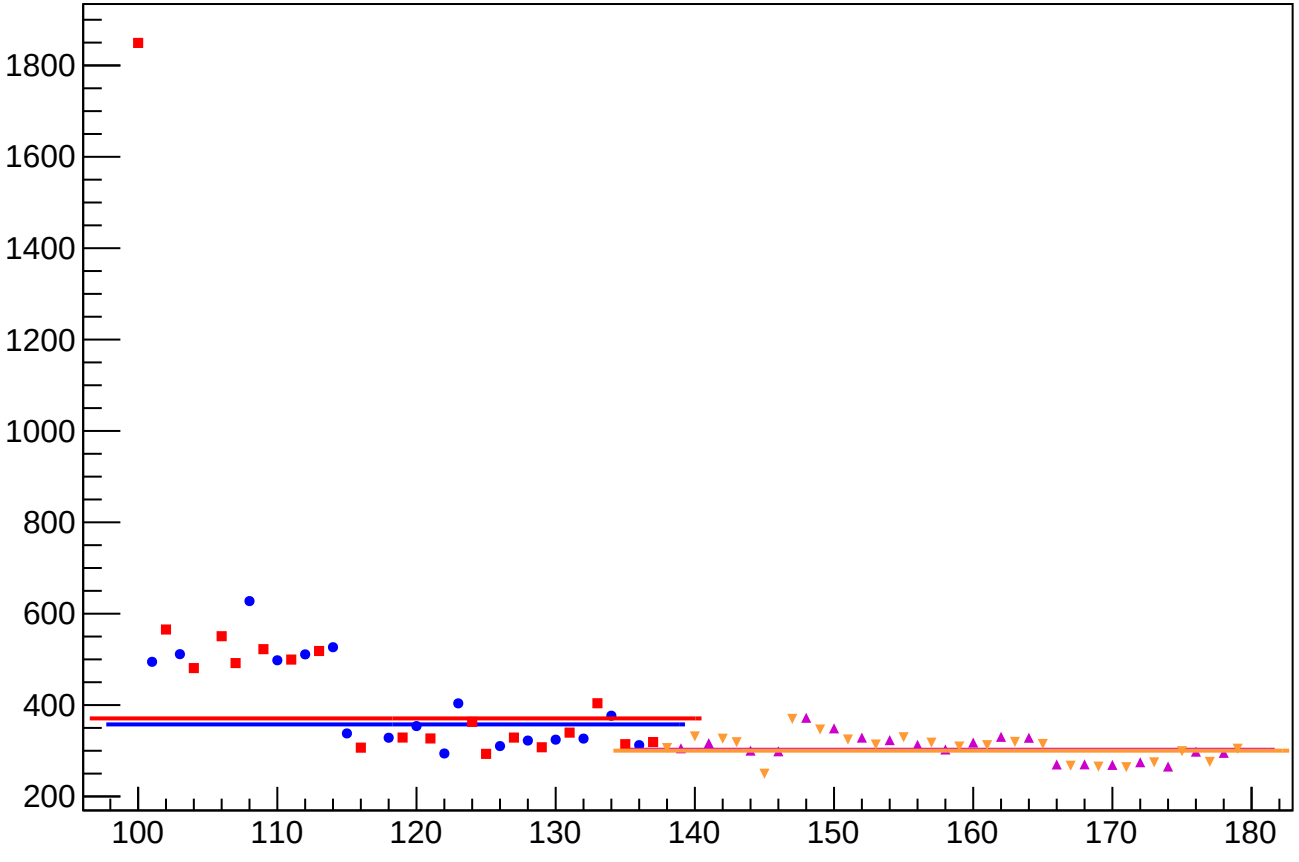
Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: -52.029+/-67.356 χ^2/NDF:38.4/36

Out: -180.350+/-65.789 χ^2/NDF:46.9/40

All: -117.700+/-47.064 χ^2/NDF: 87.1/77

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 300.218+/-0.052 χ^2/NDF:318183.3/21

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 302.204+/-0.054 χ^2/NDF:245910.5/19

Left: 301.177+/-0.038 χ^2/NDF: 564788.9/41

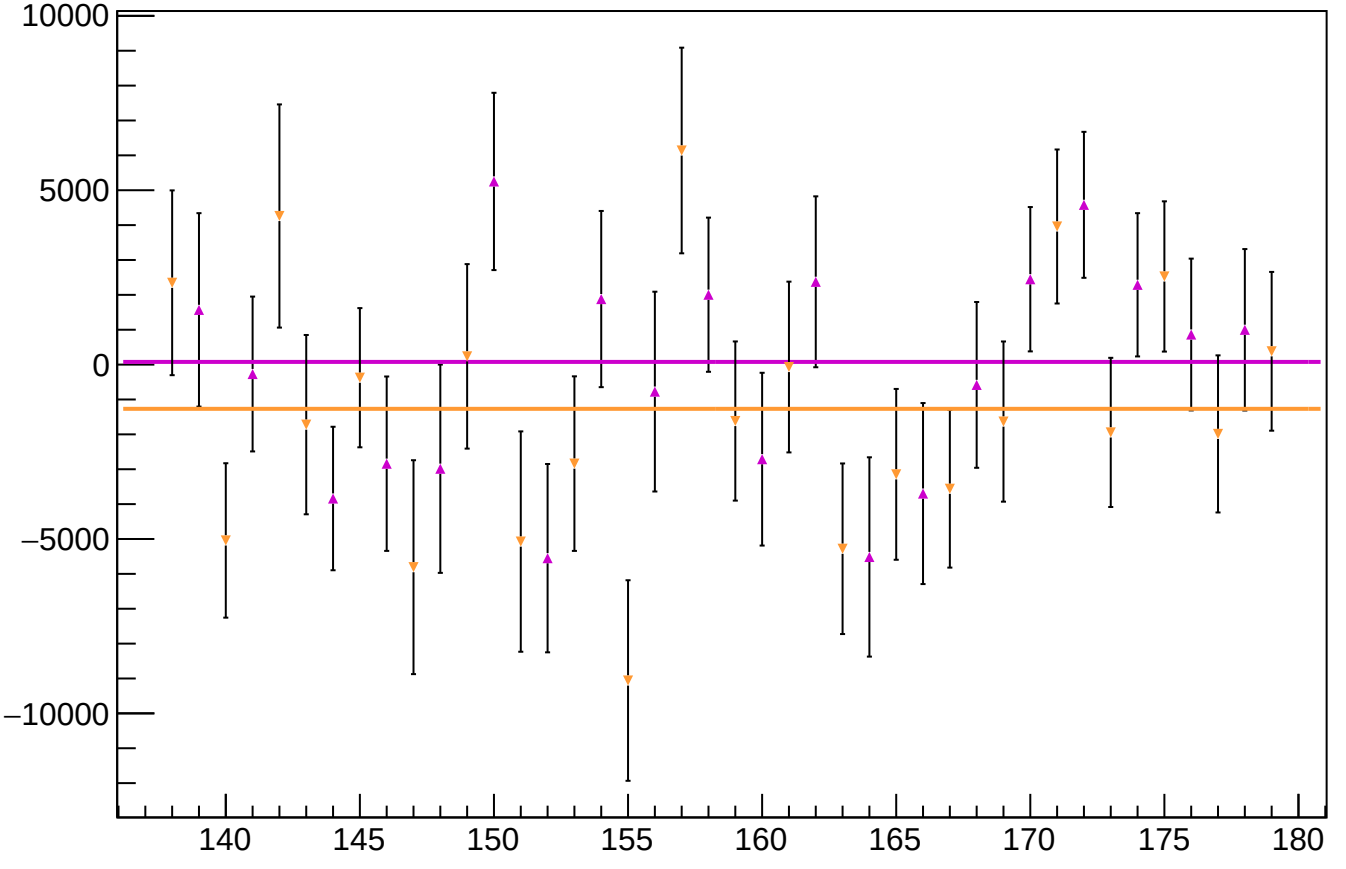
Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 314.826+/-0.048 χ^2/NDF:1113933.8/36

Out: 315.059+/-0.047 χ^2/NDF:1485180.0/40

All: 314.945+/-0.033 χ^2/NDF: 2599126.0/77

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1267.722+/-519.945 χ^2/NDF:40.0/21

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

Left In: 77.522+/-535.235 χ^2/NDF:31.8/19

Left: -614.590+/-372.945 χ^2/NDF: 75.0/41

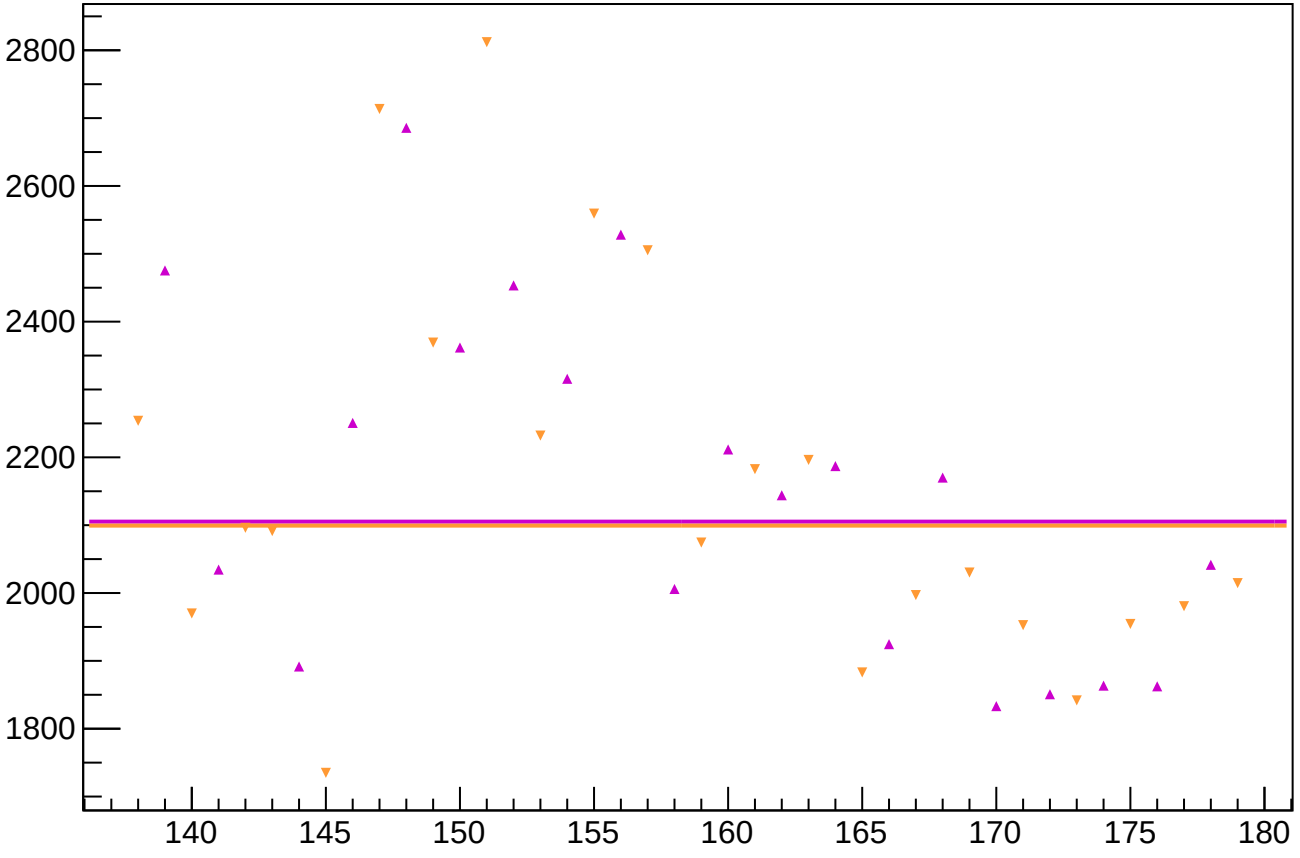
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 77.522+/-535.235 χ^2/NDF:31.8/19

Out: -1267.722+/-519.945 χ^2/NDF:40.0/21

All: -614.590+/-372.945 χ^2/NDF: 75.0/41

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2099.335+/-0.368 χ^2/NDF:460232.1/21

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

Left In: 2105.217+/-0.378 χ^2/NDF:391967.0/19

Left: 2102.190+/-0.264 χ^2/NDF: 852323.3/41

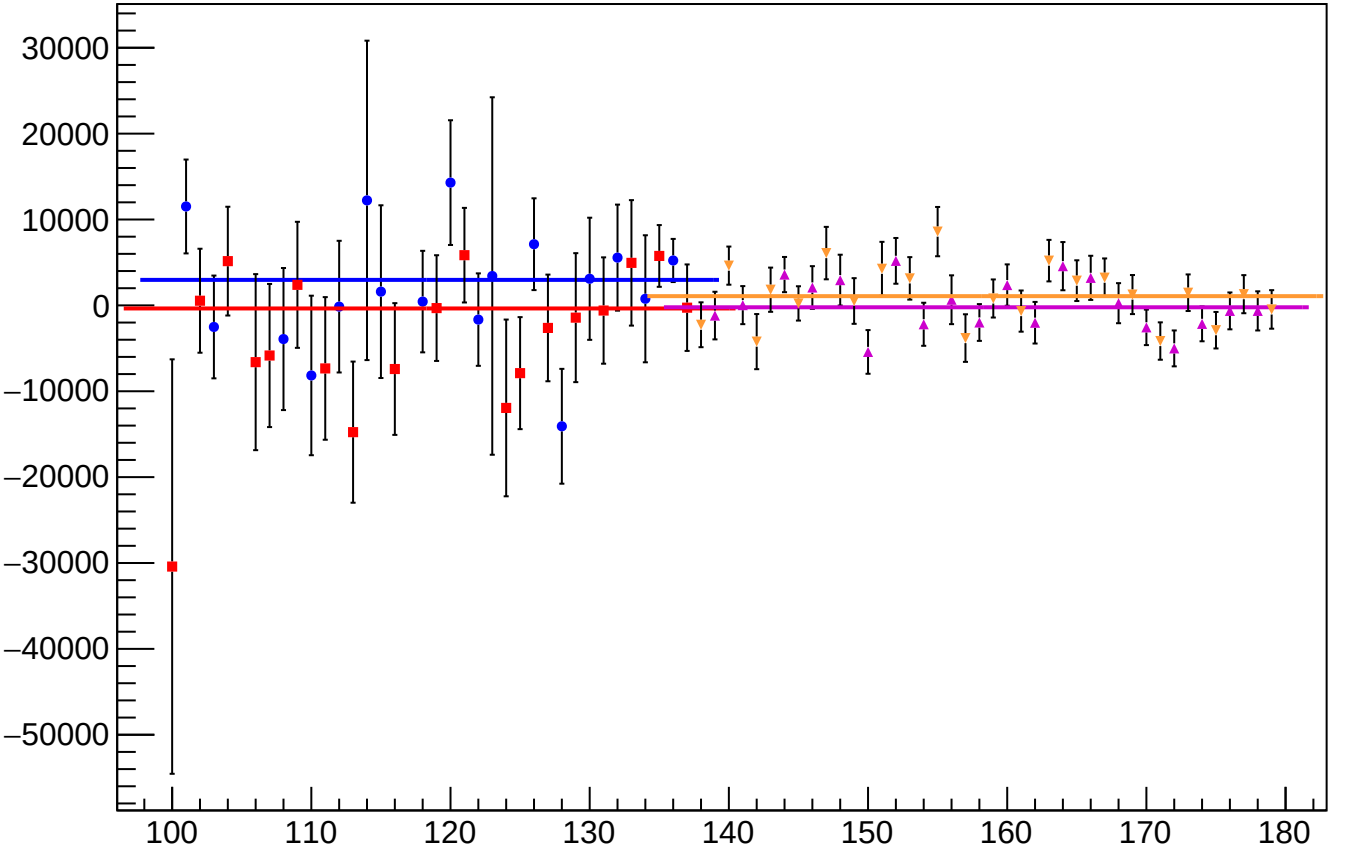
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2105.217+/-0.378 χ^2/NDF:391967.0/19

Out: 2099.335+/-0.368 χ^2/NDF:460232.1/21

All: 2102.190+/-0.264 χ^2/NDF: 852323.3/41

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 1074.504+/-513.900 χ^2/NDF:36.4/21

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: -220.917+/-529.697 χ^2/NDF:29.2/19

Left: 446.398+/-368.841 χ^2/NDF: 68.7/41

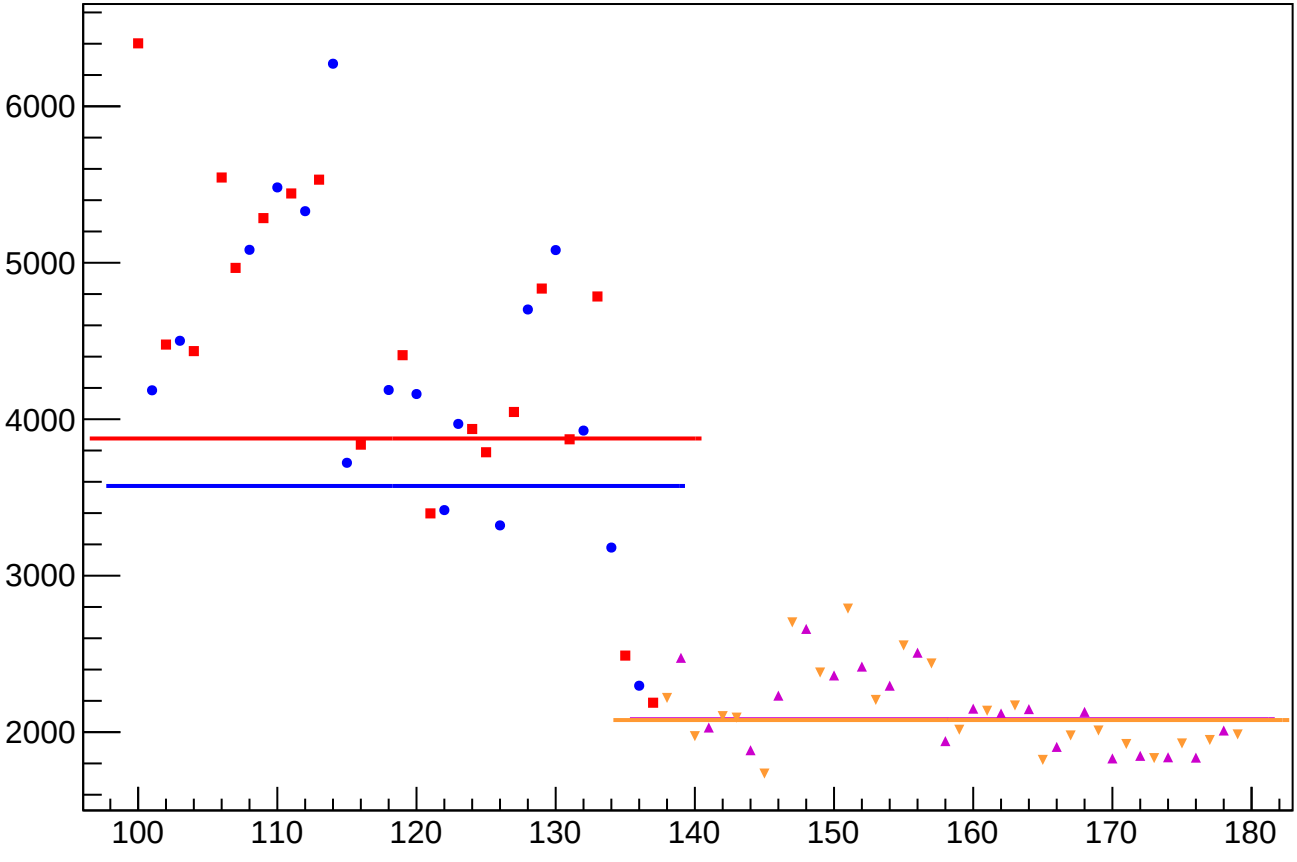
Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 159.056+/-497.151 χ^2/NDF:50.9/36

Out: 925.216+/-486.399 χ^2/NDF:52.5/40

All: 550.510+/-347.675 χ^2/NDF: 104.7/77

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2077.257+/-0.363 χ^2/NDF:466833.0/21

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2082.677+/-0.375 χ^2/NDF:392056.8/19

Left: 2079.885+/-0.261 χ^2/NDF: 858997.8/41

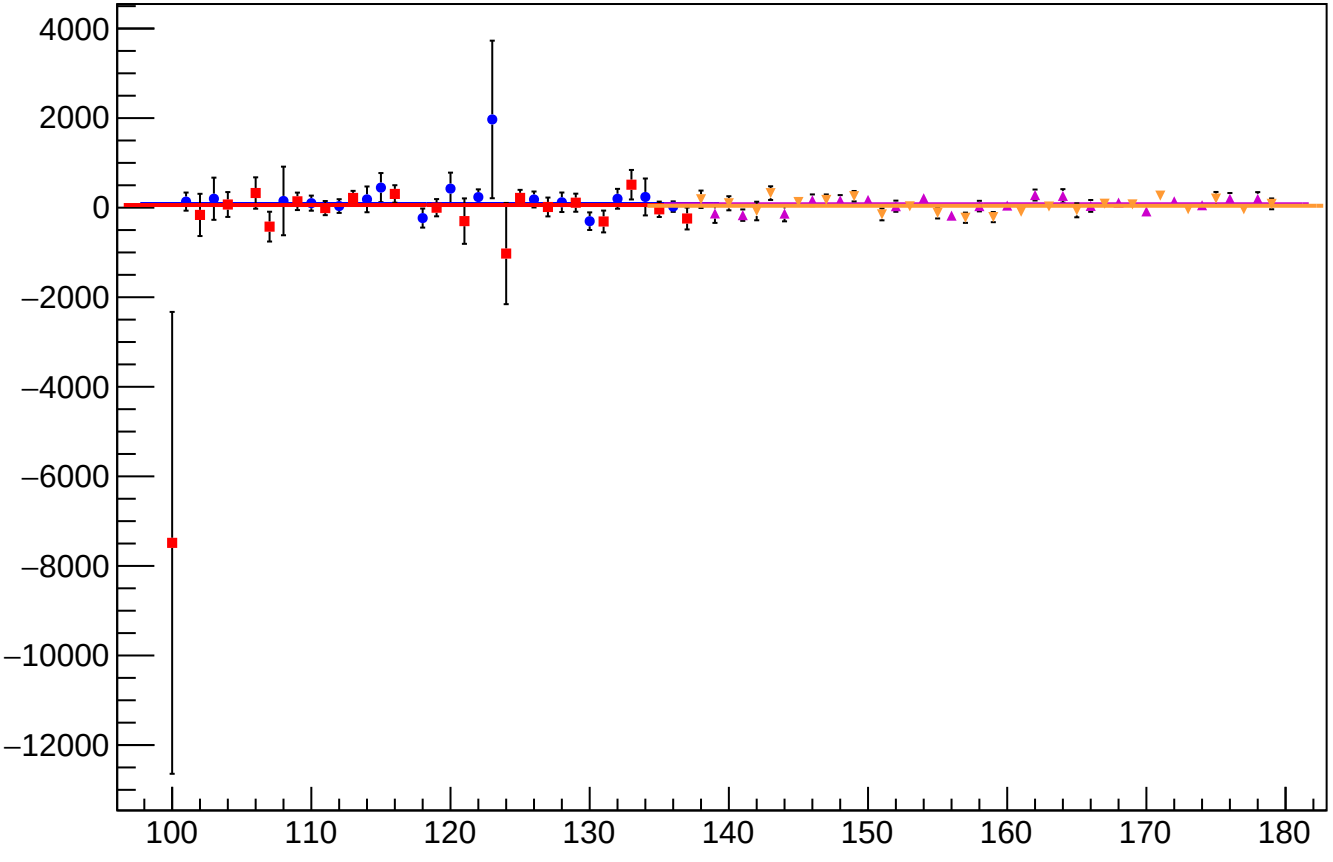
Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2260.249+/-0.352 χ^2/NDF:3367758.7/36

Out: 2264.718+/-0.344 χ^2/NDF:4010143.6/40

All: 2262.532+/-0.246 χ^2/NDF: 7377984.9/77

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 42.315+/-23.968 χ^2/NDF:36.5/21

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: 75.869+/-25.222 χ^2/NDF:25.1/19

Left: 58.237+/-17.374 χ^2/NDF: 62.5/41

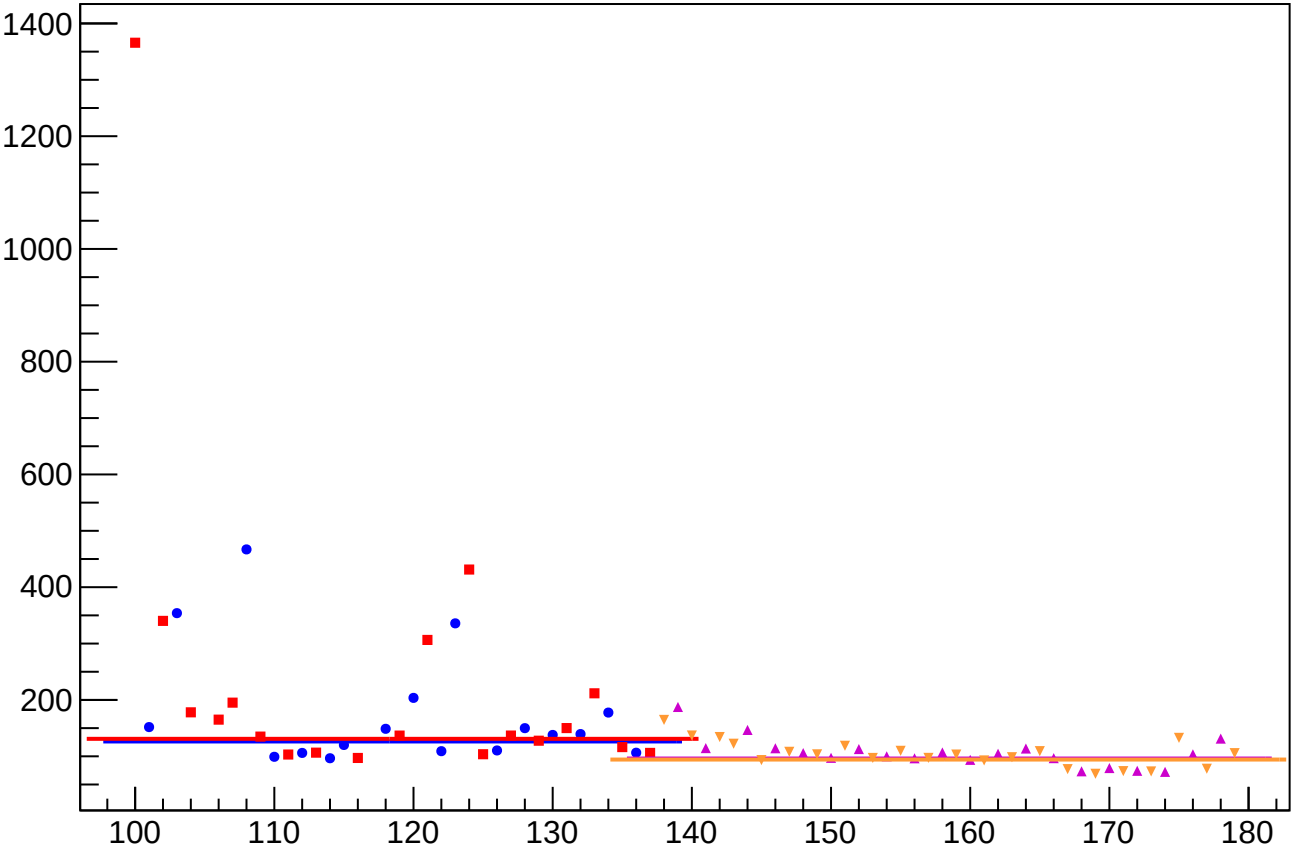
Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 77.011+/-22.686 χ^2/NDF:36.6/36

Out: 45.135+/-21.850 χ^2/NDF:53.0/40

All: 60.475+/-15.737 χ^2/NDF: 90.6/77

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 94.254+/-0.017 χ^2/NDF:1466398.1/21

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 96.071+/-0.018 χ^2/NDF:1380363.6/19

Left: 95.116+/-0.012 χ^2/NDF: 2852219.8/41

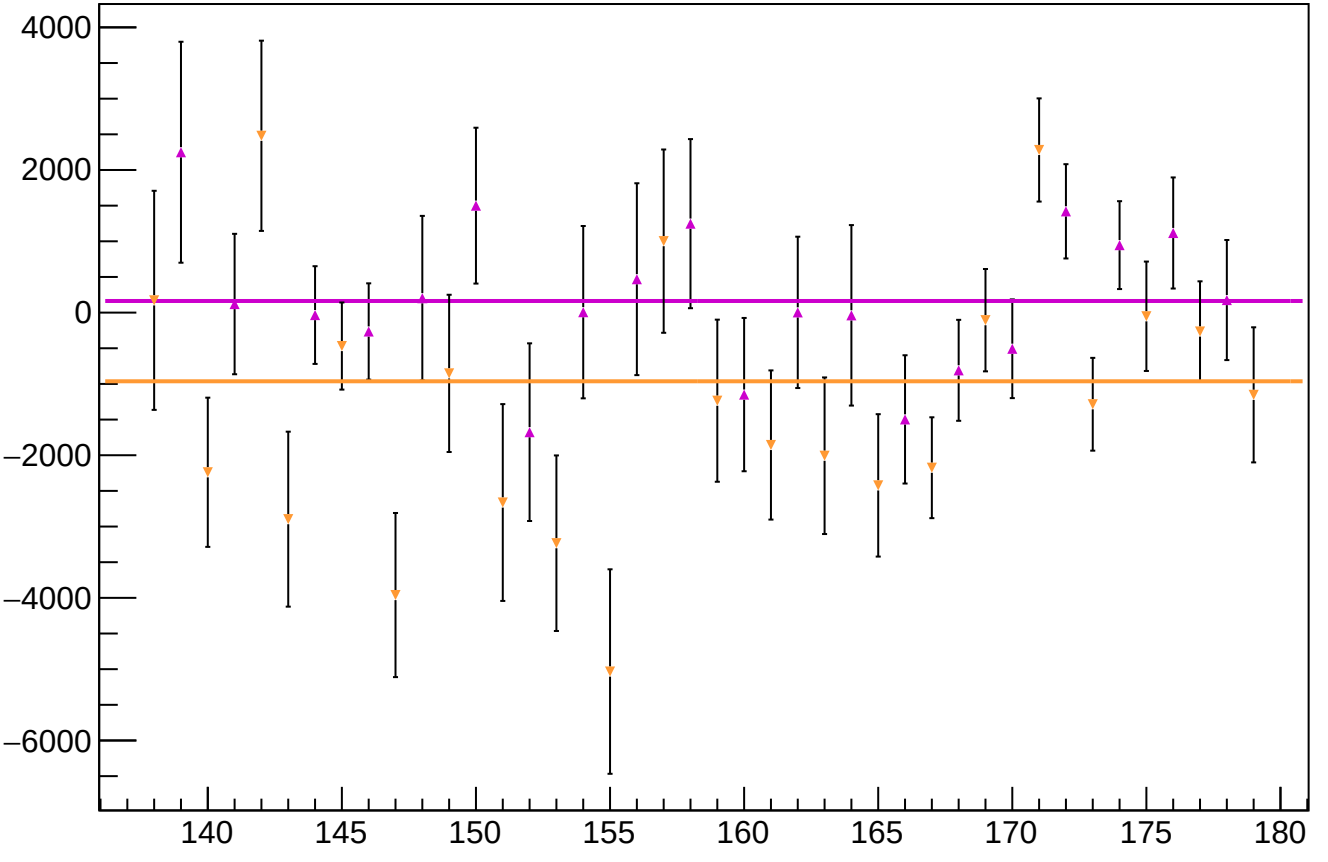
Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 101.853+/-0.016 χ^2/NDF:3241101.4/36

Out: 100.462+/-0.015 χ^2/NDF:3690014.2/40

All: 101.131+/-0.011 χ^2/NDF: 6935016.3/77

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -962.982+/-197.390 χ^2/NDF:64.9/21

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

Left In: 162.995+/-197.521 χ^2/NDF:21.4/19

Left: -400.366+/-139.622 χ^2/NDF: 102.6/41

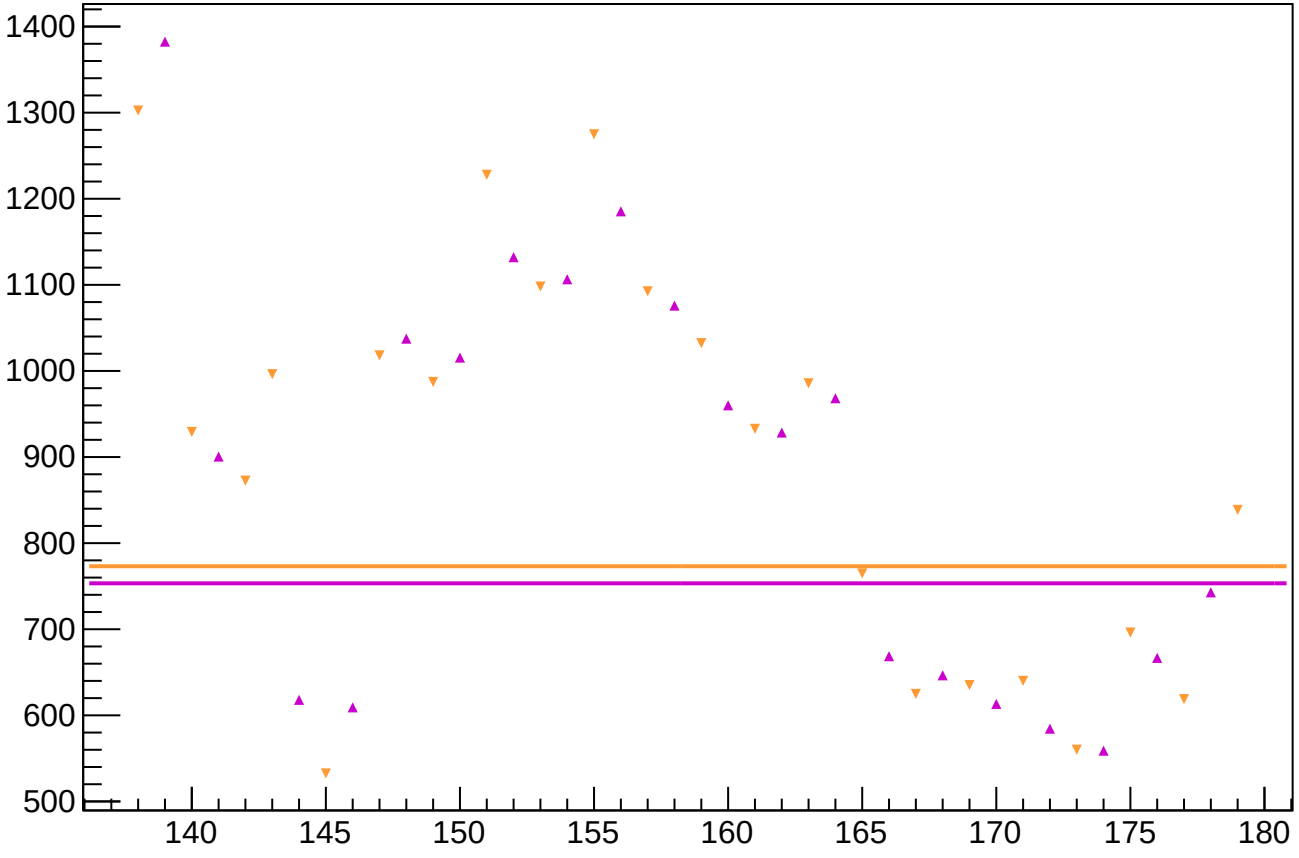
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 162.995+/-197.521 χ^2/NDF:21.4/19

Out: -962.982+/-197.390 χ^2/NDF:64.9/21

All: -400.366+/-139.622 χ^2/NDF: 102.6/41

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 773.183+/-0.140 χ^2/NDF:2355942.1/21

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

Left In: 753.343+/-0.140 χ^2/NDF:2175926.2/19

Left: 763.270+/-0.099 χ^2/NDF: 4541964.3/41

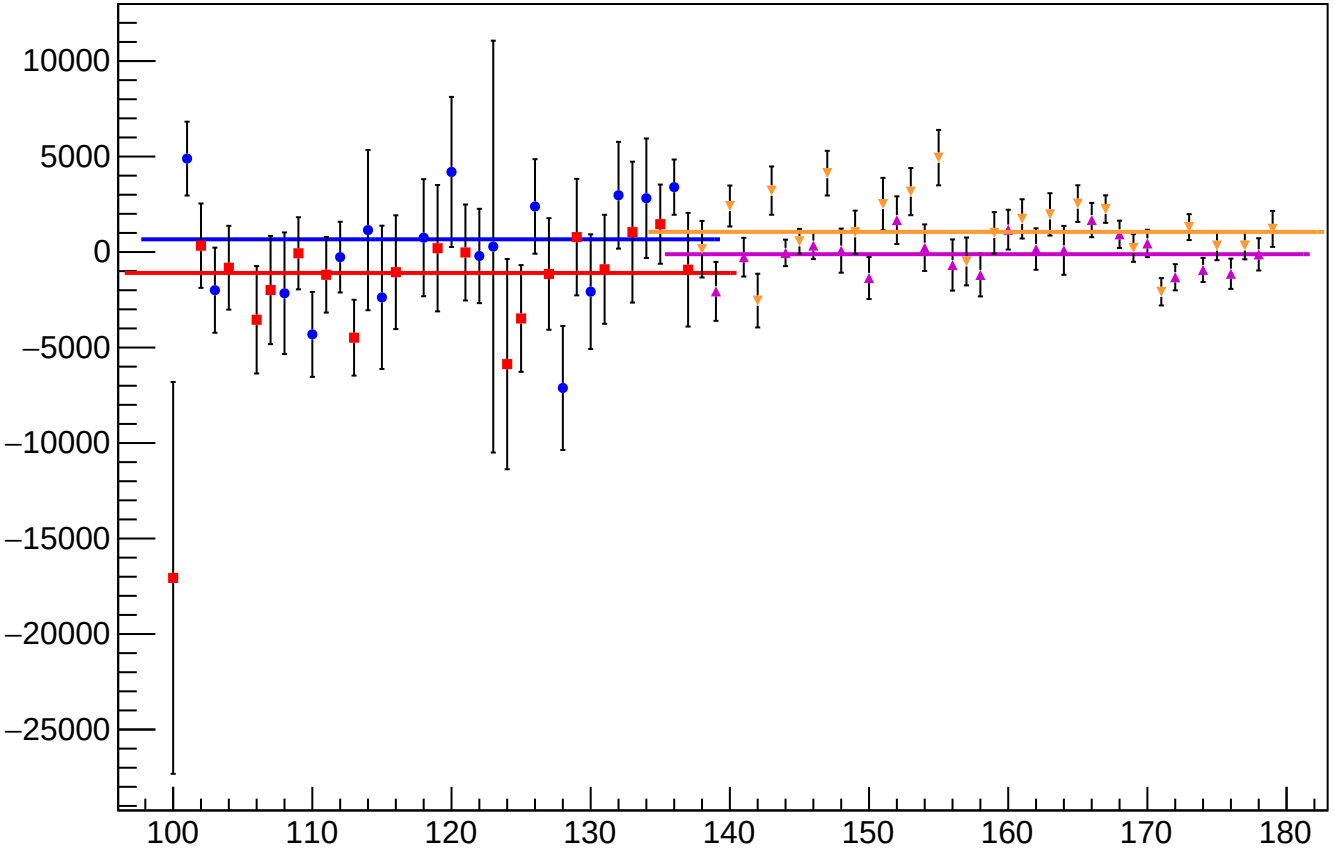
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 753.343+/-0.140 χ^2/NDF:2175926.2/19

Out: 773.183+/-0.140 χ^2/NDF:2355942.1/21

All: 763.270+/-0.099 χ^2/NDF: 4541964.3/41

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 1055.991+/-199.800 χ^2/NDF:60.6/21

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: -112.804+/-200.440 χ^2/NDF:21.4/19

Left: 473.464+/-141.506 χ^2/NDF: 99.0/41

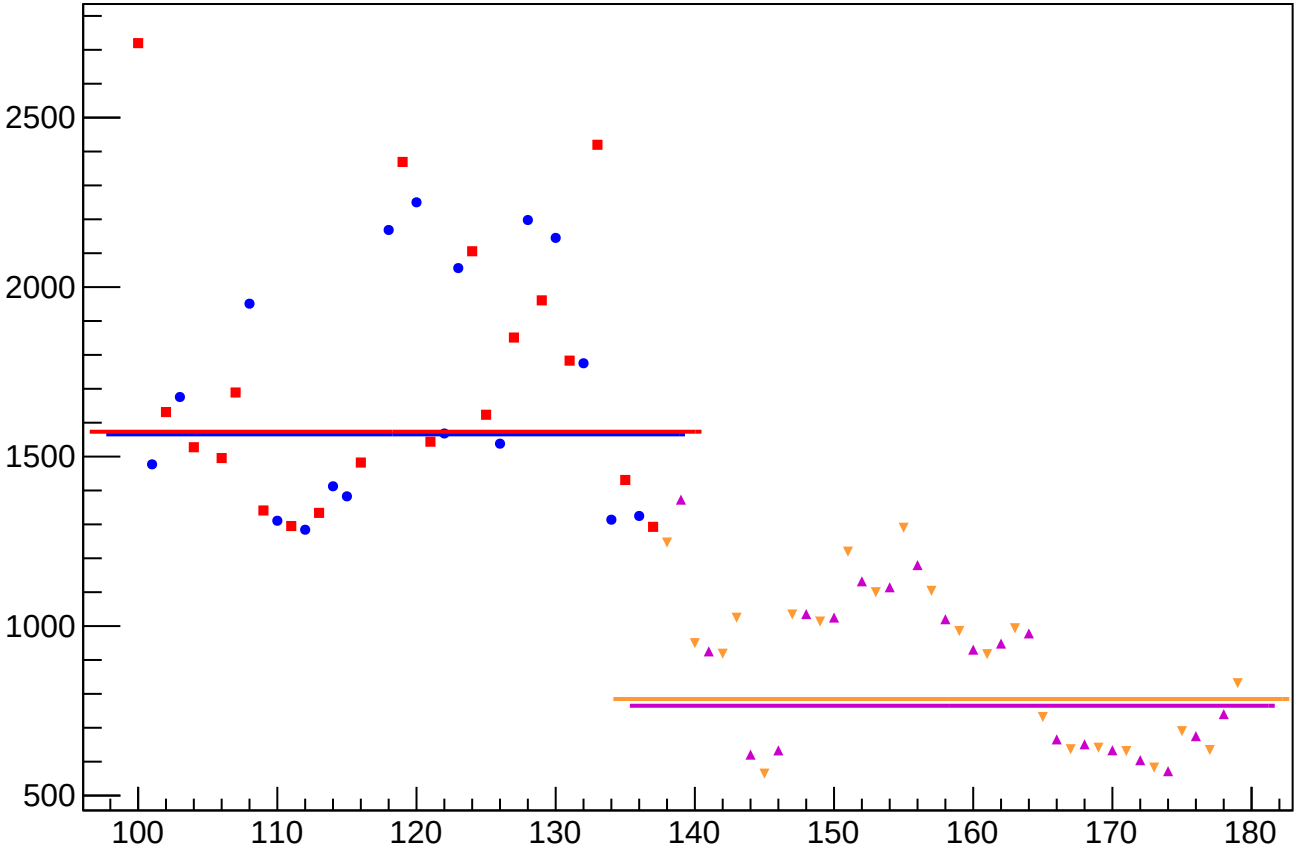
Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: -38.814+/-190.687 χ^2/NDF:48.4/36

Out: 843.042+/-189.648 χ^2/NDF:83.0/40

All: 404.522+/-134.467 χ^2/NDF: 142.2/77

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 784.908+/-0.141 χ^2/NDF:2171707.3/21

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 764.962+/-0.142 χ^2/NDF:2000650.0/19

Left: 774.967+/-0.100 χ^2/NDF: 4182291.3/41

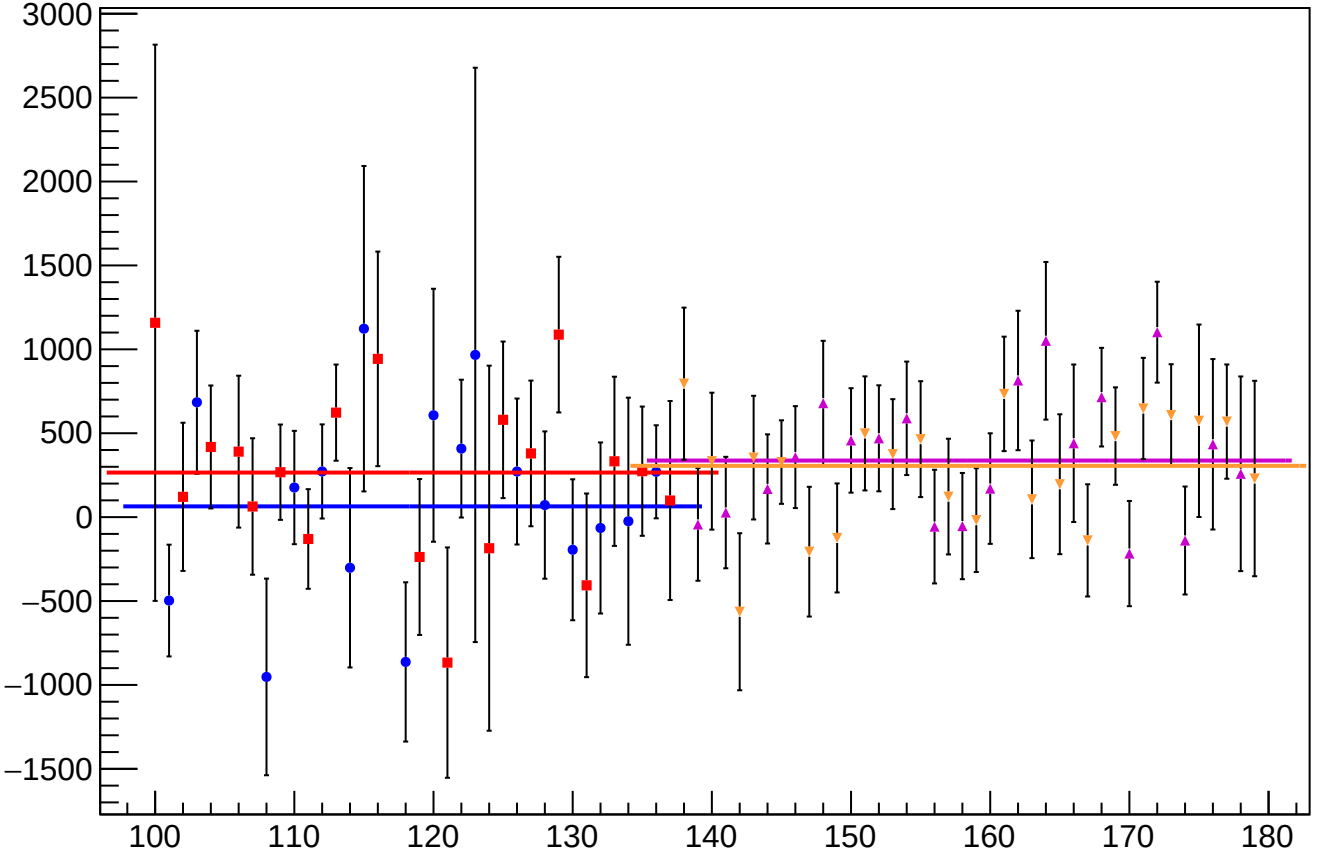
Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 840.984+/-0.135 χ^2/NDF:5521454.2/36

Out: 862.992+/-0.134 χ^2/NDF:5718216.0/40

All: 852.048+/-0.095 χ^2/NDF: 11253063.9/77

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 305.709+/-74.511 χ^2/NDF:17.3/21

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 337.272+/-77.457 χ^2/NDF:24.5/19

Left: 320.879+/-53.699 χ^2/NDF: 41.9/41

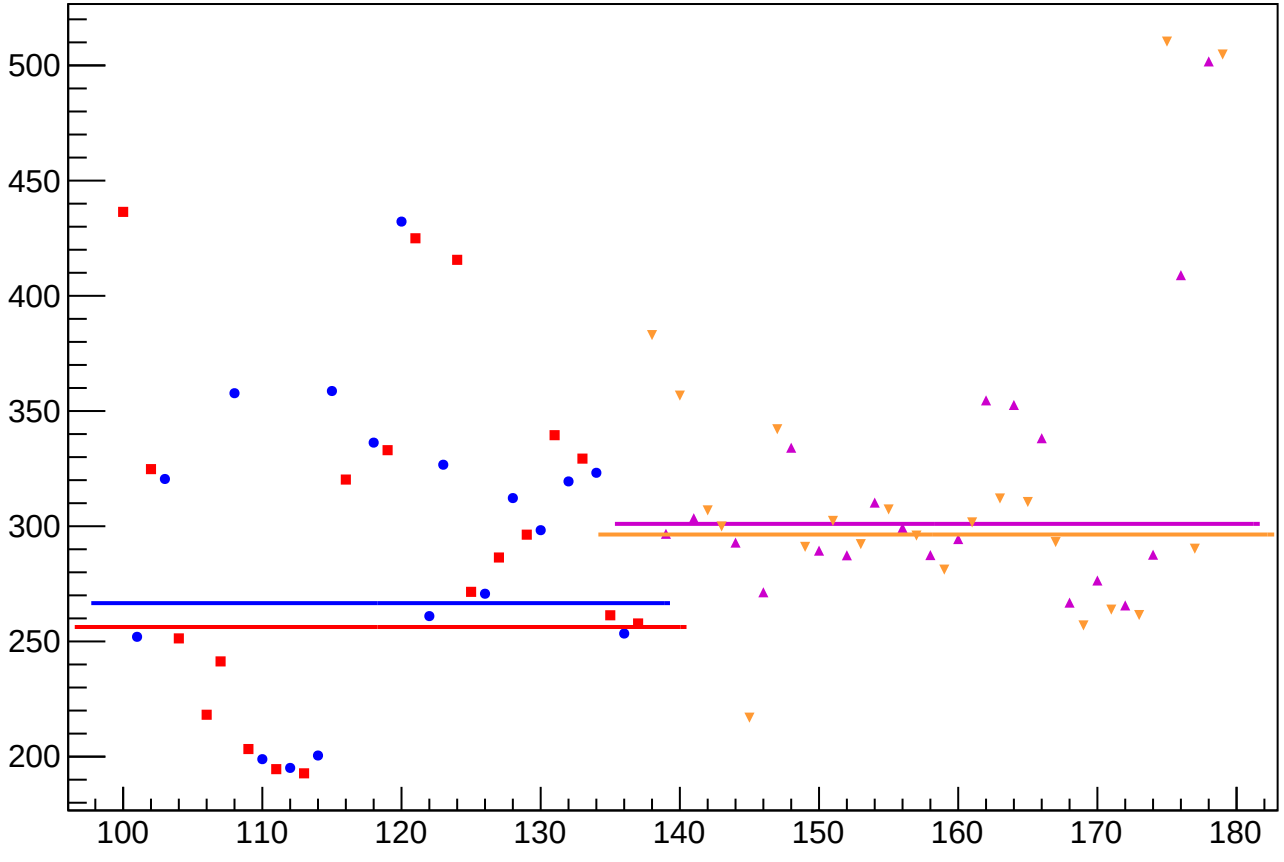
Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 241.398+/-62.402 χ^2/NDF:45.6/36

Out: 291.297+/-59.616 χ^2/NDF:32.1/40

All: 267.487+/-43.106 χ^2/NDF: 78.0/77

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 296.406+/-0.053 χ^2/NDF:986806.7/21

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 301.026+/-0.055 χ^2/NDF:519459.5/19

Left: 298.626+/-0.038 χ^2/NDF: 1509961.9/41

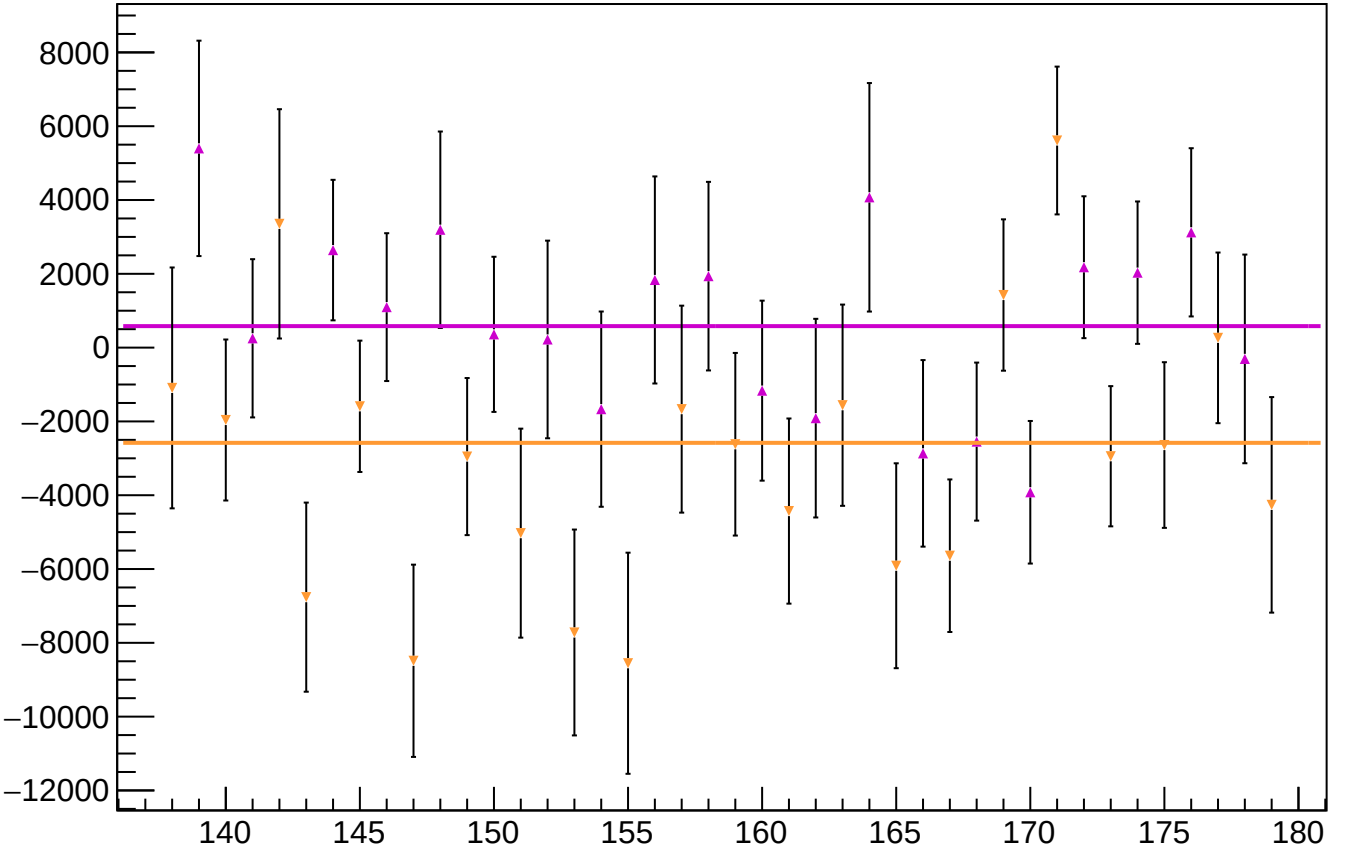
Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 288.953+/-0.044 χ^2/NDF:1208666.7/36

Out: 281.962+/-0.042 χ^2/NDF:1892544.3/40

All: 285.298+/-0.030 χ^2/NDF: 3114333.4/77

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -2580.491+/-511.457 χ^2/NDF:47.0/21

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

Left In: 582.458+/-519.888 χ^2/NDF:20.8/19

Left: -1024.872+/-364.599 χ^2/NDF: 86.7/41

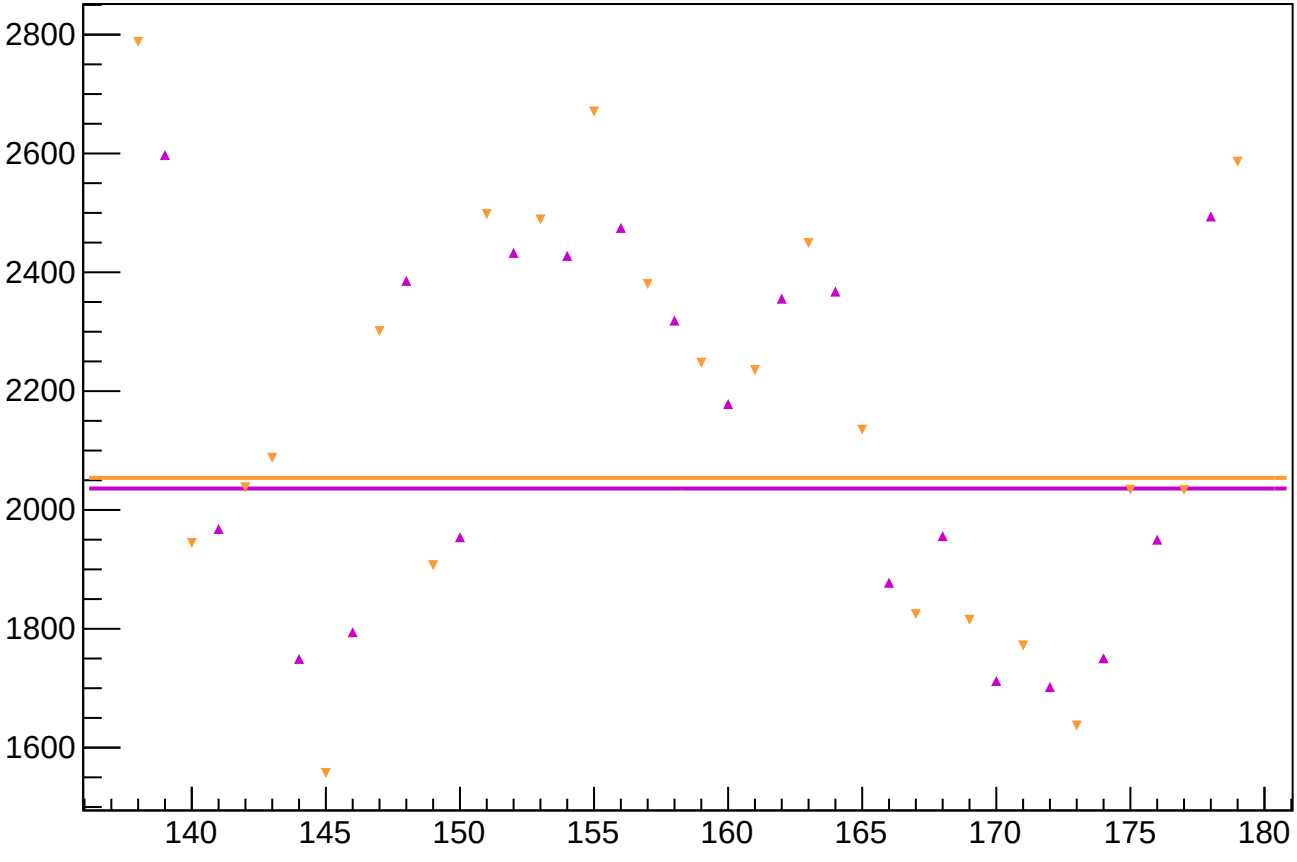
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 582.458+/-519.888 χ^2/NDF:20.8/19

Out: -2580.491+/-511.457 χ^2/NDF:47.0/21

All: -1024.872+/-364.599 χ^2/NDF: 86.7/41

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2054.035+/-0.362 χ^2/NDF:820249.0/21

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

Left In: 2036.098+/-0.368 χ^2/NDF:633470.0/19

Left: 2045.213+/-0.258 χ^2/NDF: 1454928.9/41

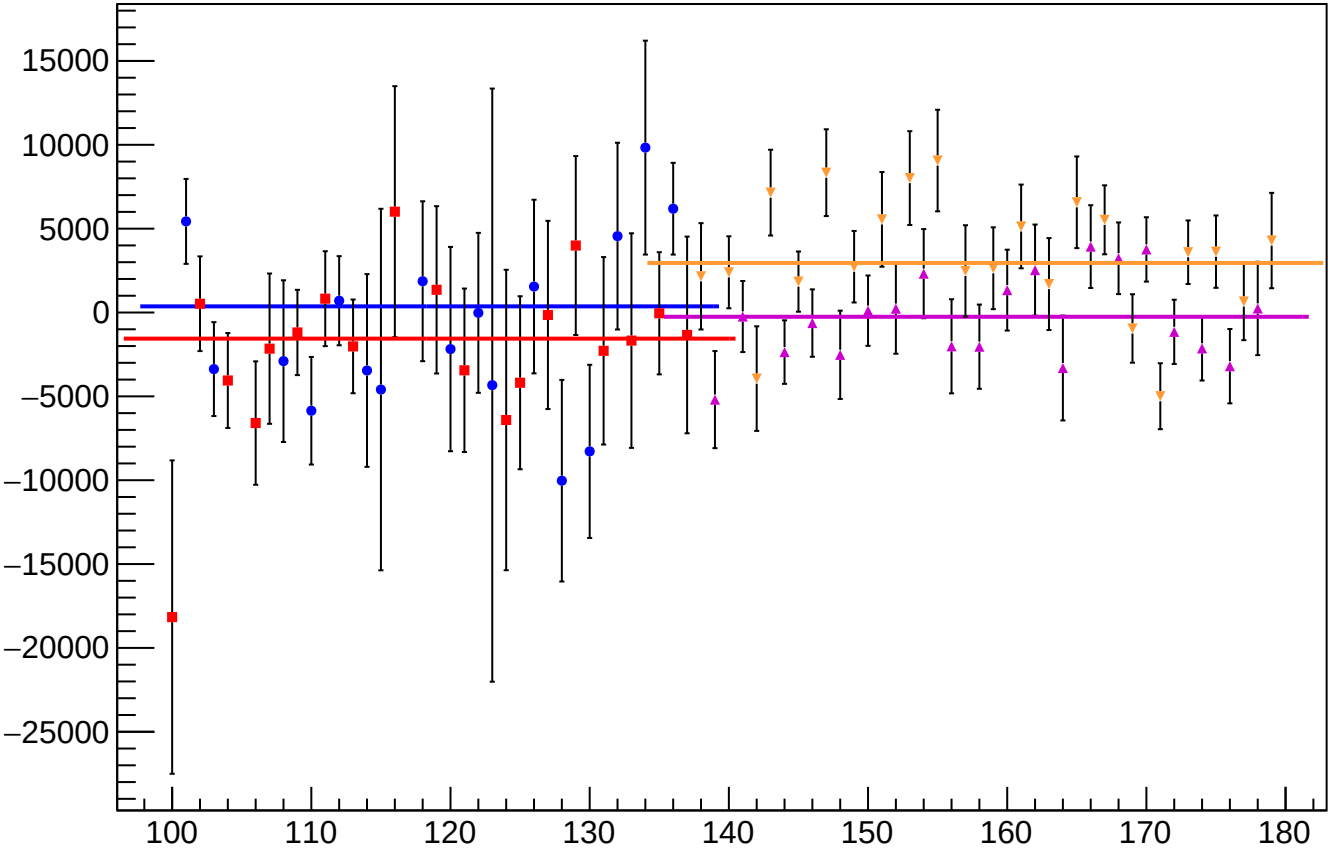
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2036.098+/-0.368 χ^2/NDF:633470.0/19

Out: 2054.035+/-0.362 χ^2/NDF:820249.0/21

All: 2045.213+/-0.258 χ^2/NDF: 1454928.9/41

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 2955.464+/-507.355 χ^2/NDF:46.4/21

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: -254.387+/-516.507 χ^2/NDF:22.2/19

Left: 1379.228+/-361.946 χ^2/NDF: 88.2/41

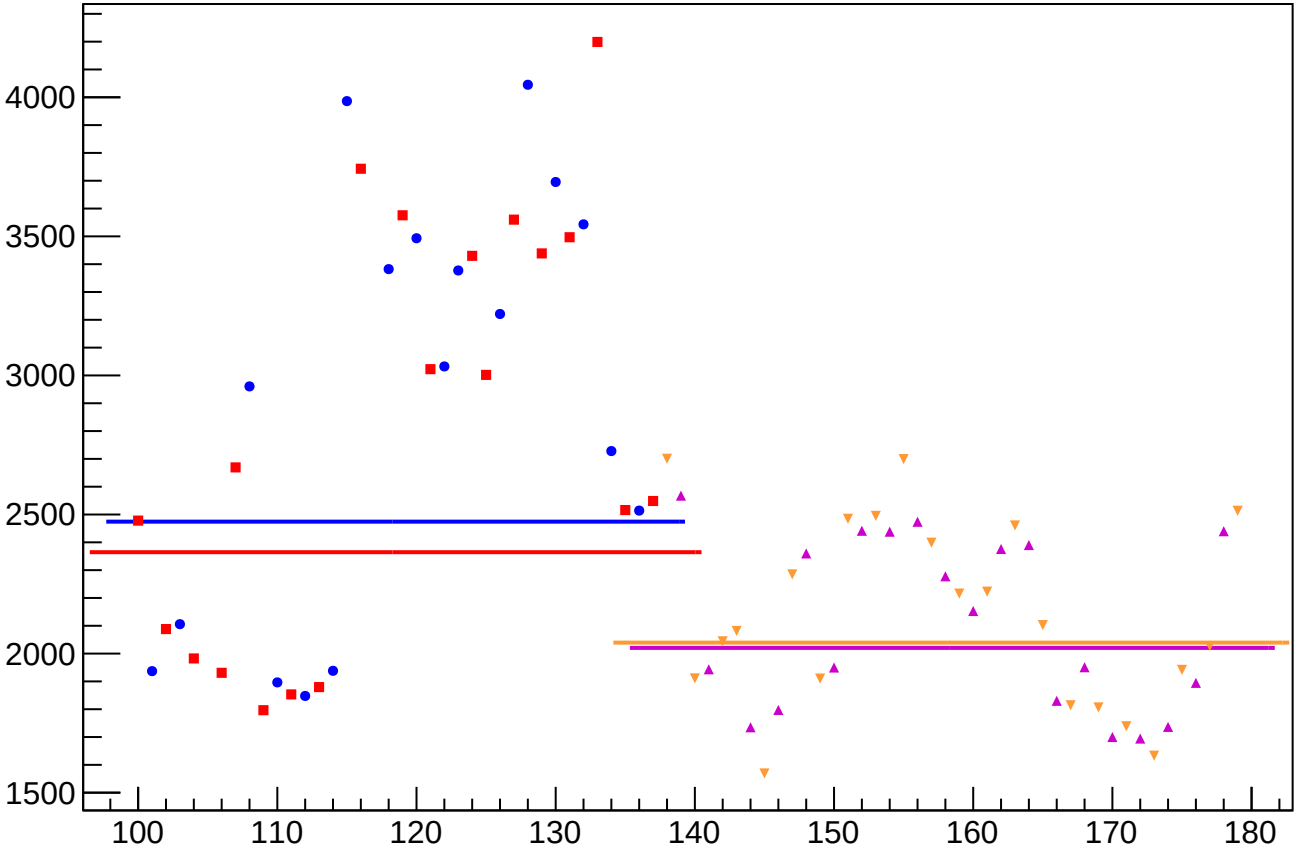
Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: -122.075+/-458.175 χ^2/NDF:46.7/36

Out: 1910.054+/-444.724 χ^2/NDF:75.2/40

All: 924.255+/-319.117 χ^2/NDF: 132.0/77

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2039.504+/-0.359 χ^2/NDF:808007.8/21

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2020.427+/-0.365 χ^2/NDF:643420.2/19

Left: 2030.136+/-0.256 χ^2/NDF: 1452816.6/41

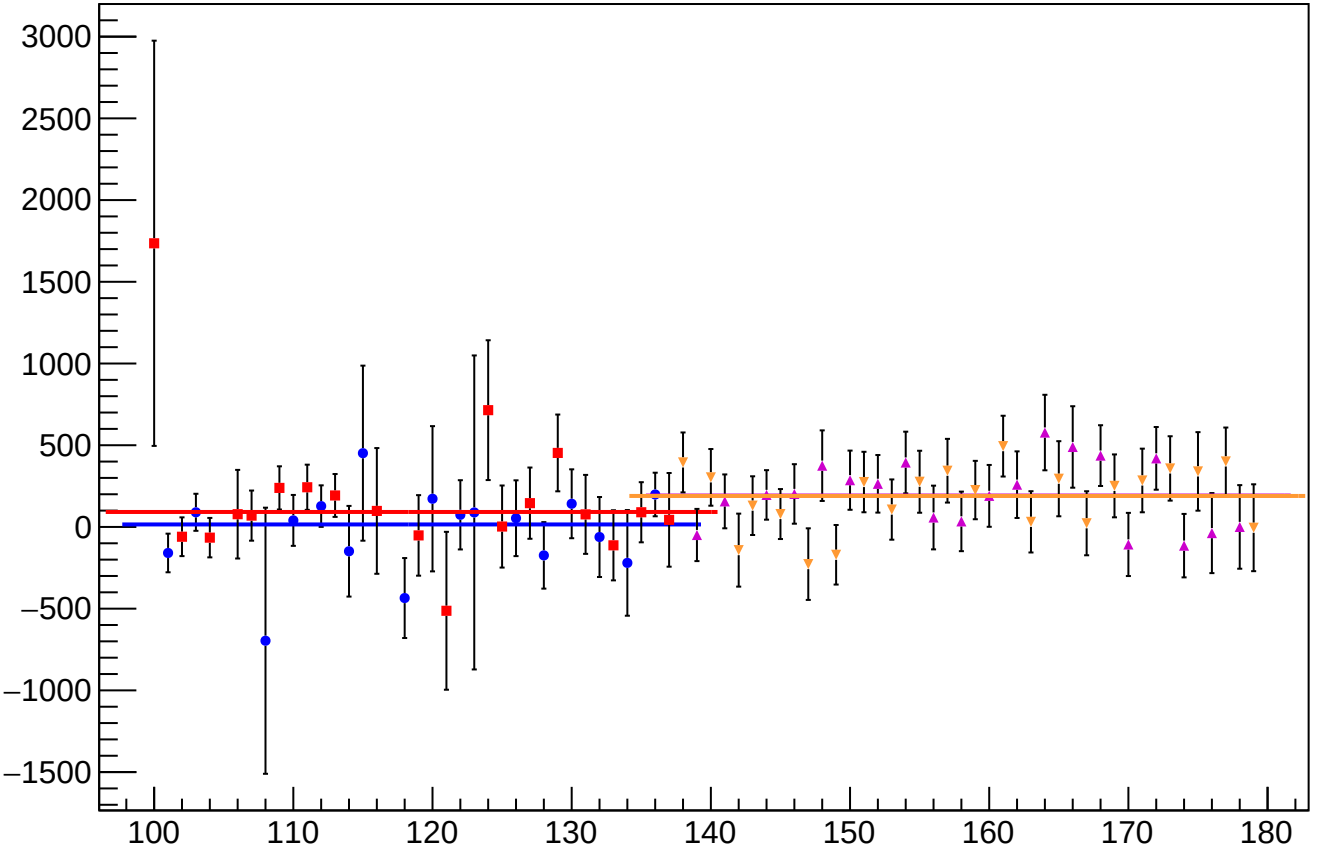
Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2117.174+/-0.324 χ^2/NDF:1878939.0/36

Out: 2114.792+/-0.314 χ^2/NDF:2021525.7/40

All: 2115.947+/-0.226 χ^2/NDF: 3900492.5/77

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 189.648+/-41.232 χ^2/NDF:20.7/21

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 192.219+/-42.769 χ^2/NDF:19.6/19

Left: 190.887+/-29.684 χ^2/NDF: 40.4/41

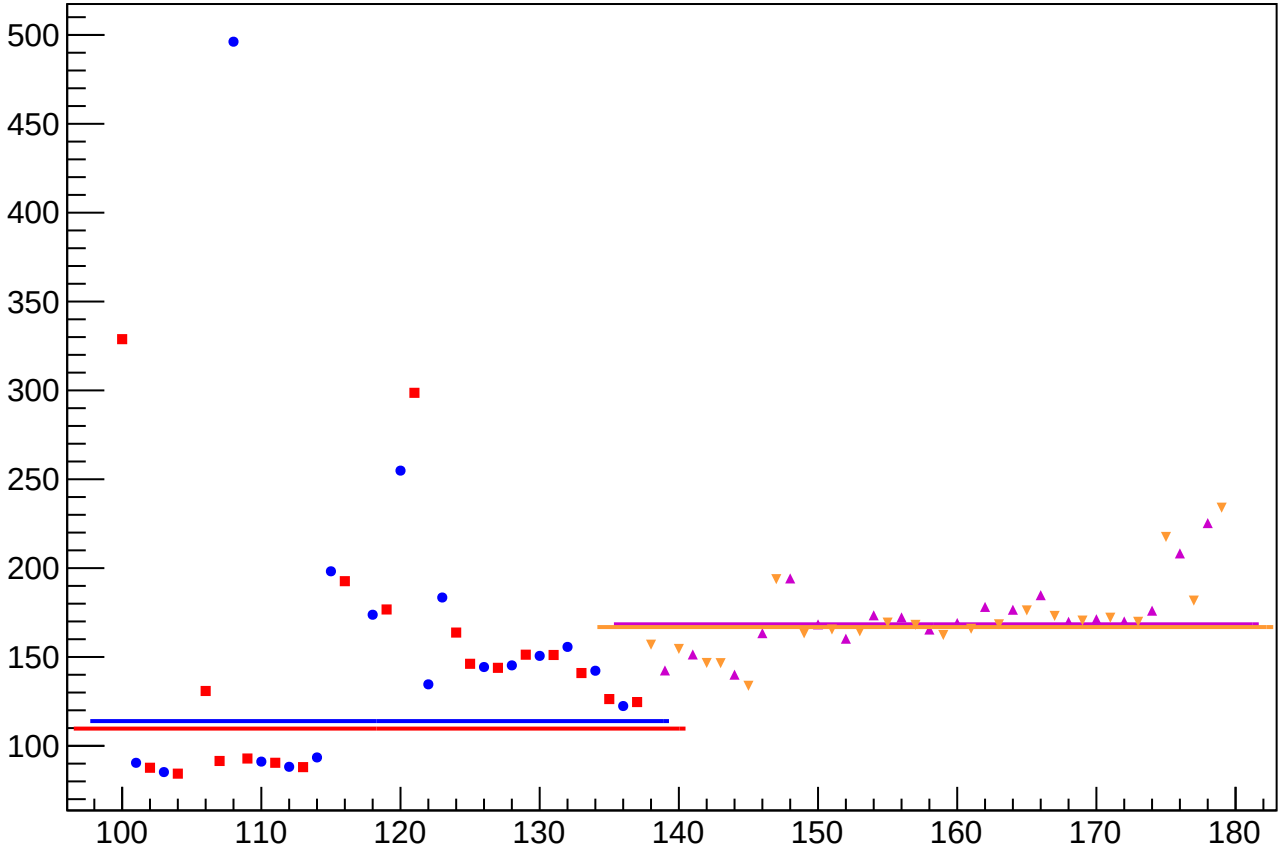
Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 111.035+/-31.461 χ^2/NDF:40.1/36

Out: 143.057+/-29.866 χ^2/NDF:39.1/40

All: 127.879+/-21.660 χ^2/NDF: 79.7/77

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 166.834+/-0.029 χ^2/NDF:419788.8/21

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 168.386+/-0.030 χ^2/NDF:352903.1/19

Left: 167.582+/-0.021 χ^2/NDF: 774056.9/41

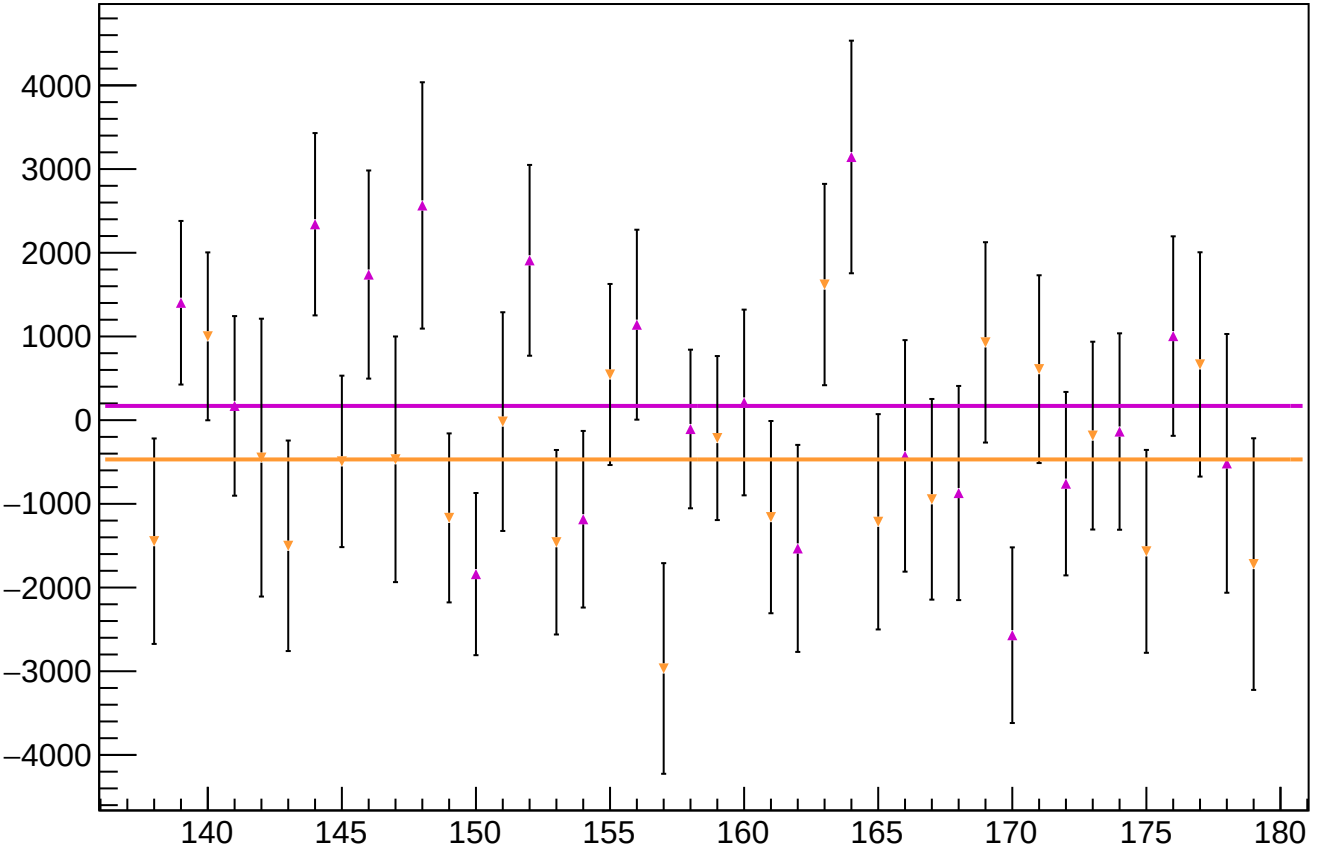
Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 143.398+/-0.022 χ^2/NDF:3248538.5/36

Out: 139.680+/-0.021 χ^2/NDF:3486588.5/40

All: 141.442+/-0.015 χ^2/NDF: 6749817.5/77

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -469.346+/-252.342 χ^2/NDF:18.2/21

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

Left In: 170.080+/-256.520 χ^2/NDF:34.5/19

Left: -154.883+/-179.892 χ^2/NDF: 55.9/41

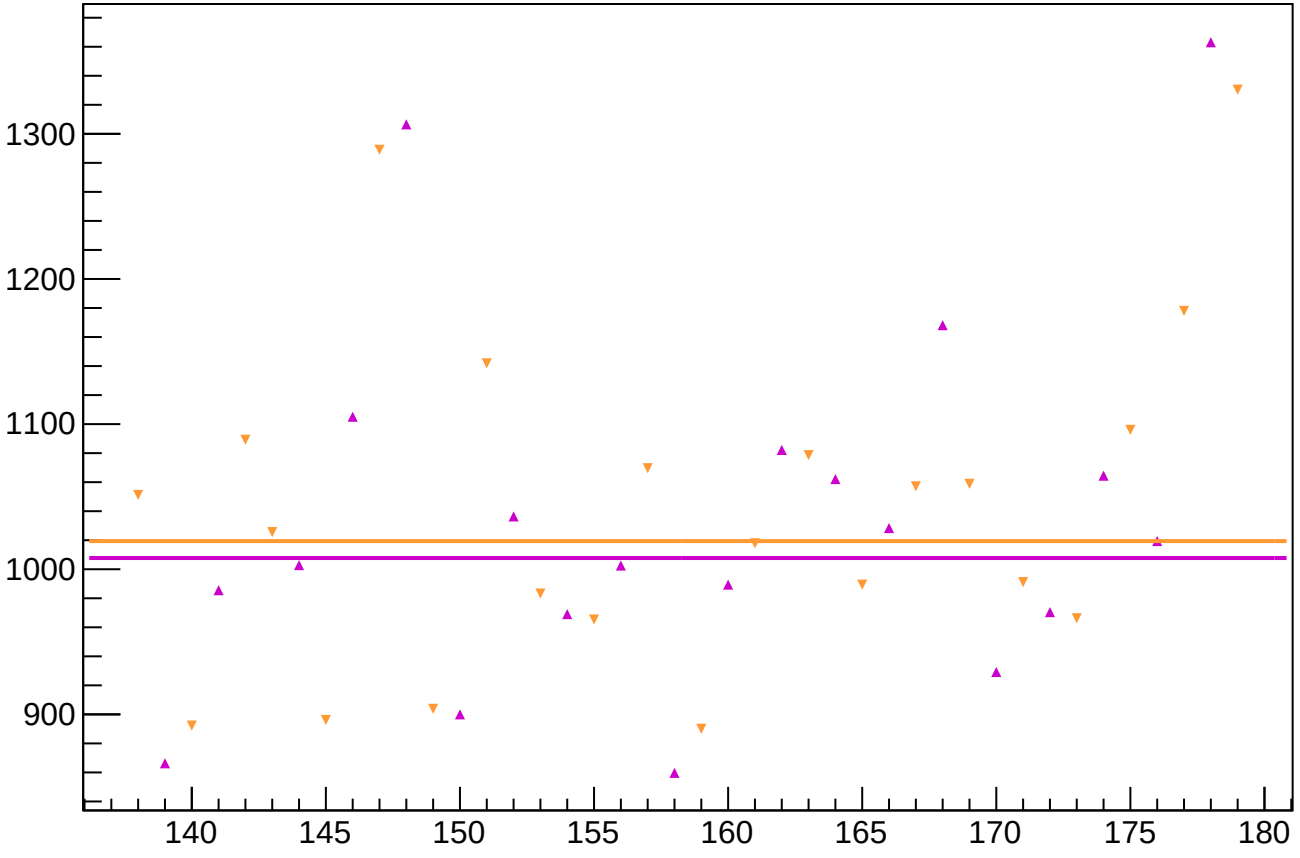
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 170.080+/-256.520 χ^2/NDF:34.5/19

Out: -469.346+/-252.342 χ^2/NDF:18.2/21

All: -154.883+/-179.892 χ^2/NDF: 55.9/41

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 1019.399+/-0.178 χ^2/NDF:359938.0/21

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

Left In: 1007.729+/-0.181 χ^2/NDF:381780.1/19

Left: 1013.660+/-0.127 χ^2/NDF: 743821.7/41

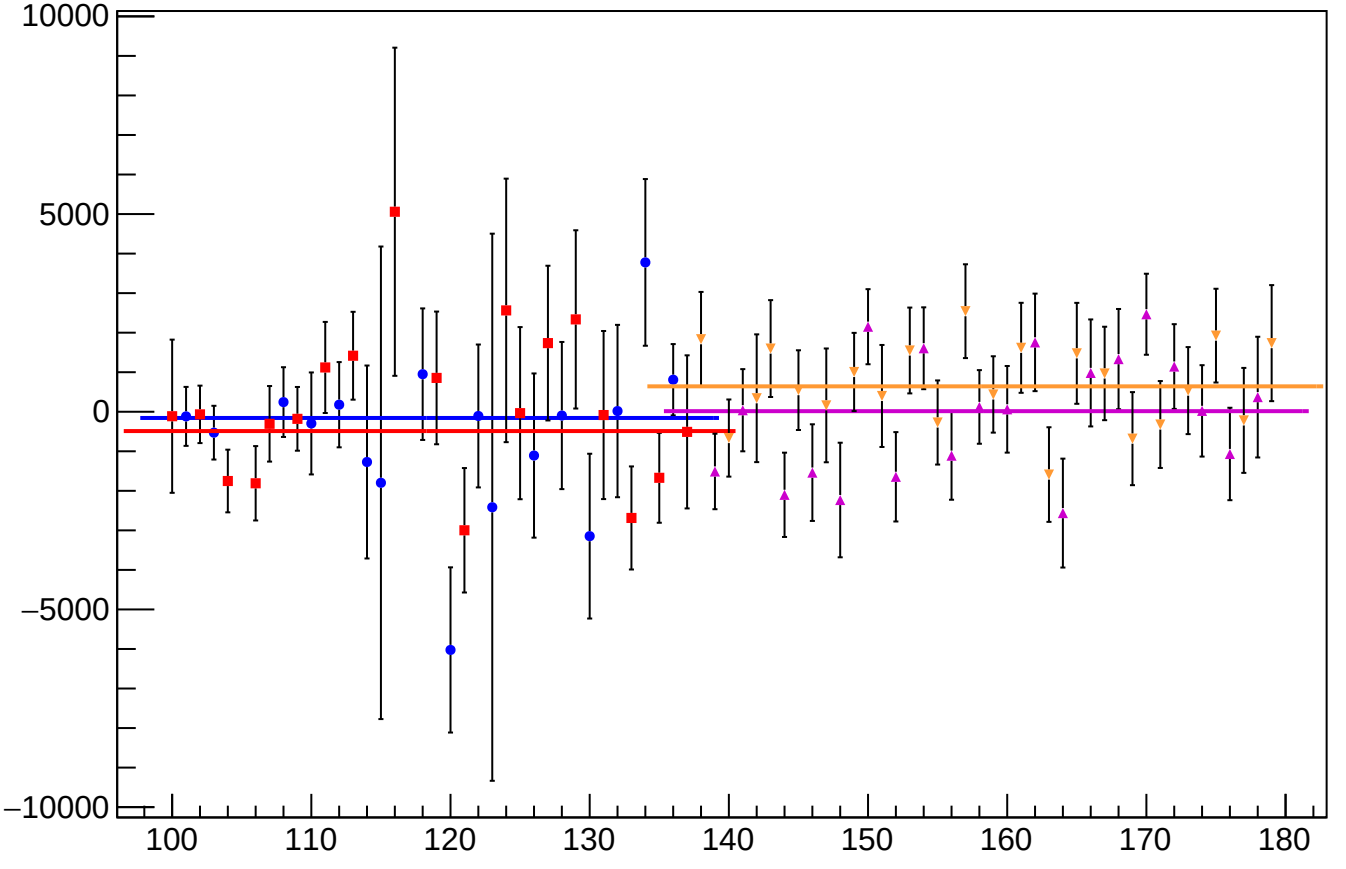
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1007.729+/-0.181 χ^2/NDF:381780.1/19

Out: 1019.399+/-0.178 χ^2/NDF:359938.0/21

All: 1013.660+/-0.127 χ^2/NDF: 743821.7/41

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 642.532+/-247.517 χ^2/NDF:16.7/21

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: 14.893+/-251.964 χ^2/NDF:36.0/19

Left: 334.299+/-176.572 χ^2/NDF: 55.8/41

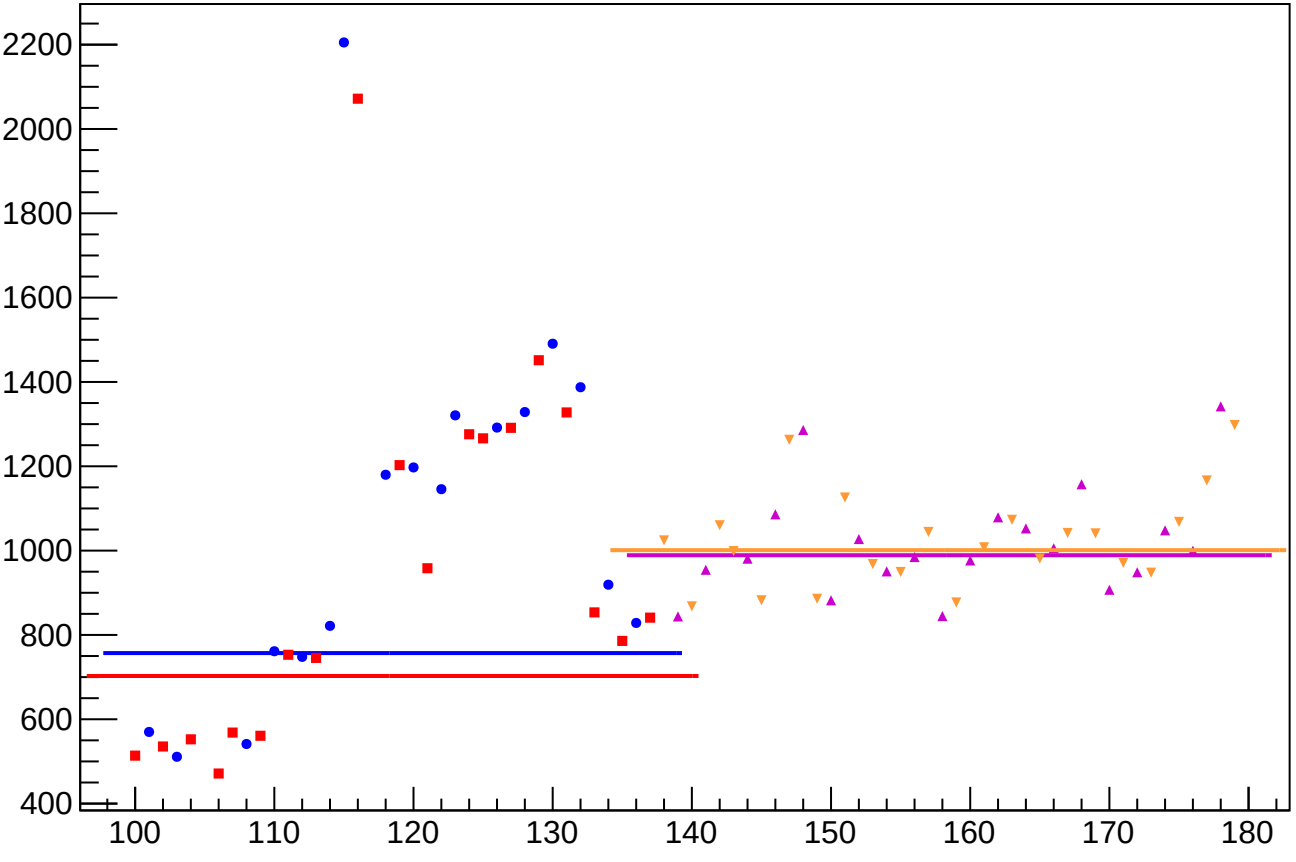
Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -52.899+/-196.148 χ^2/NDF:52.4/36

Out: 151.816+/-186.242 χ^2/NDF:48.4/40

All: 54.758+/-135.059 χ^2/NDF: 101.3/77

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 1001.058+/-0.175 χ^2/NDF:360723.2/21

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 989.078+/-0.178 χ^2/NDF:402370.5/19

Left: 995.174+/-0.125 χ^2/NDF: 765394.5/41

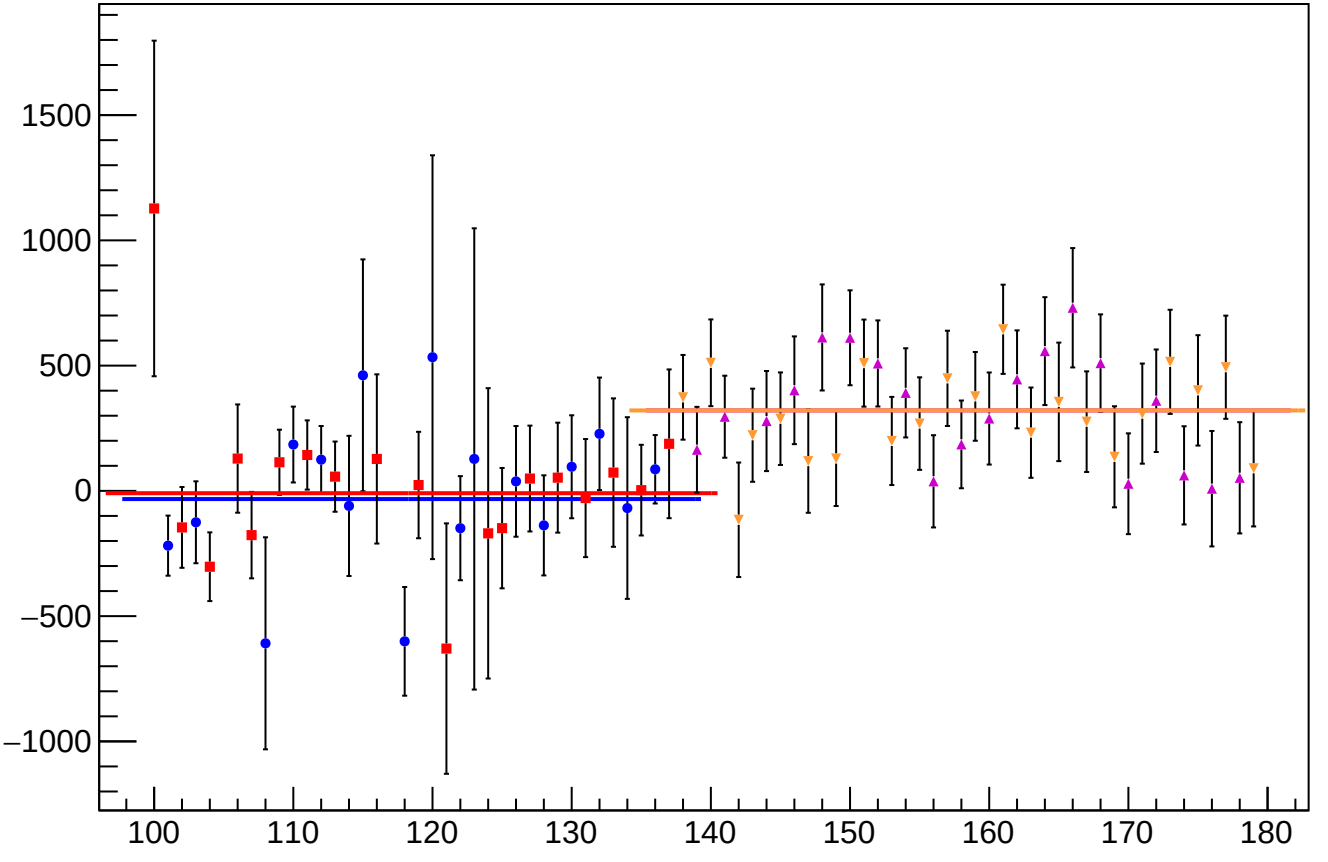
Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 897.639+/-0.139 χ^2/NDF:2782225.3/36

Out: 871.601+/-0.132 χ^2/NDF:3311390.0/40

All: 883.946+/-0.096 χ^2/NDF: 6112149.8/77

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 321.183+/-41.106 χ^2/NDF:16.7/21

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 321.064+/-43.399 χ^2/NDF:22.3/19

Left: 321.126+/-29.844 χ^2/NDF: 39.1/41

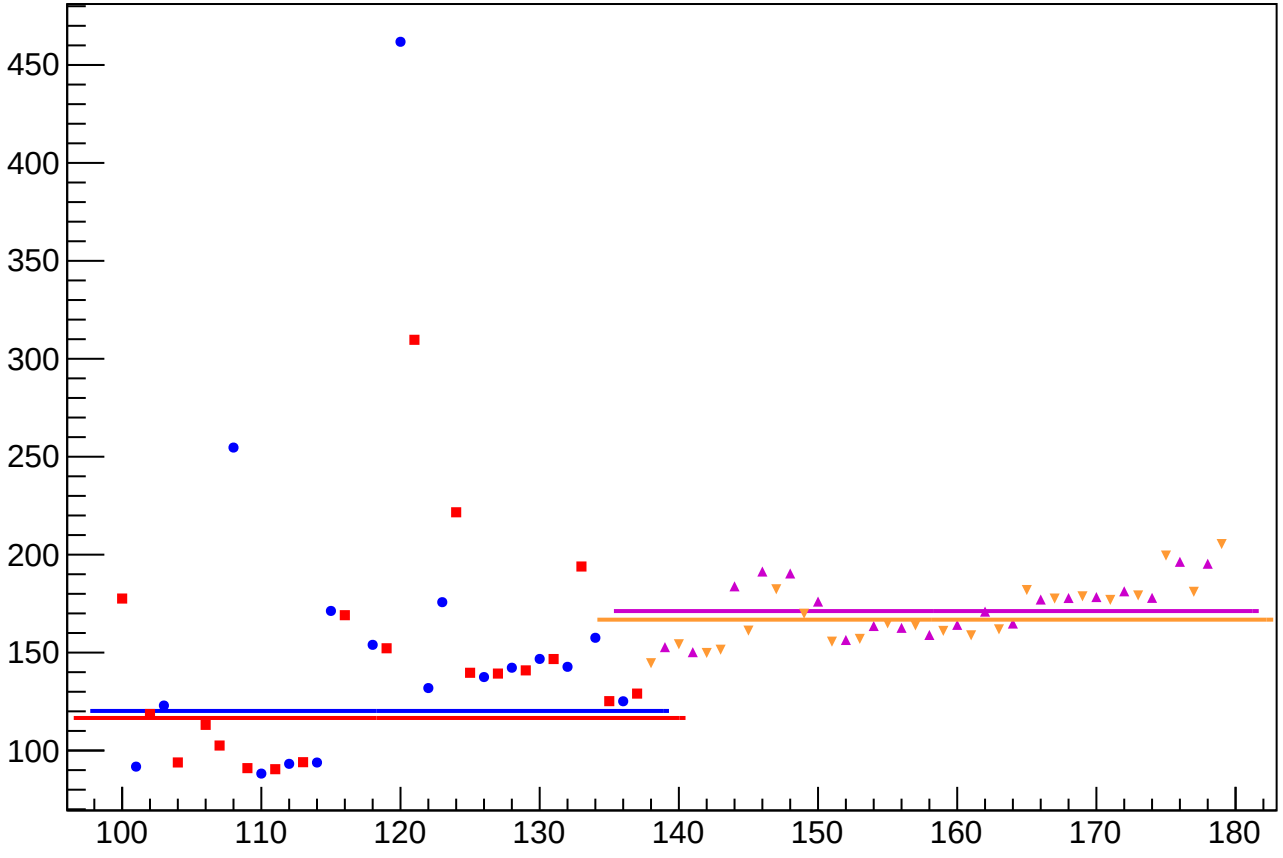
Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 163.511+/-32.321 χ^2/NDF:71.7/36

Out: 173.034+/-30.532 χ^2/NDF:60.4/40

All: 168.543+/-22.195 χ^2/NDF: 132.1/77

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 166.809+/-0.029 χ^2/NDF:248470.1/21

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 171.198+/-0.031 χ^2/NDF:197360.7/19

Left: 168.885+/-0.021 χ^2/NDF: 456613.1/41

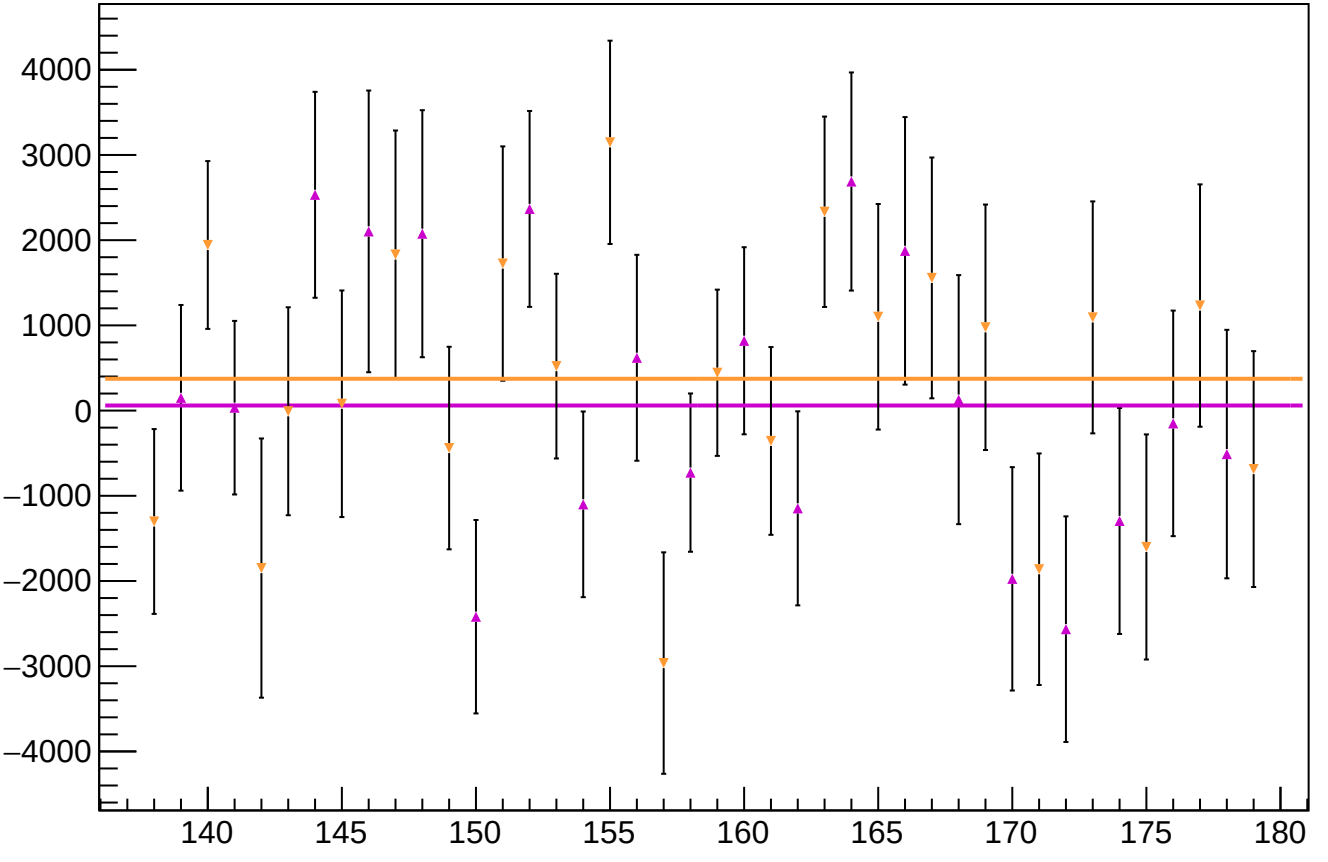
Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 148.488+/-0.023 χ^2/NDF:2489333.7/36

Out: 144.308+/-0.022 χ^2/NDF:2583191.7/40

All: 146.279+/-0.016 χ^2/NDF: 5090205.6/77

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 373.536+/-264.393 χ^2/NDF:32.5/21

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

Left In: 59.731+/-273.182 χ^2/NDF:33.2/19

Left: 221.762+/-189.985 χ^2/NDF: 66.5/41

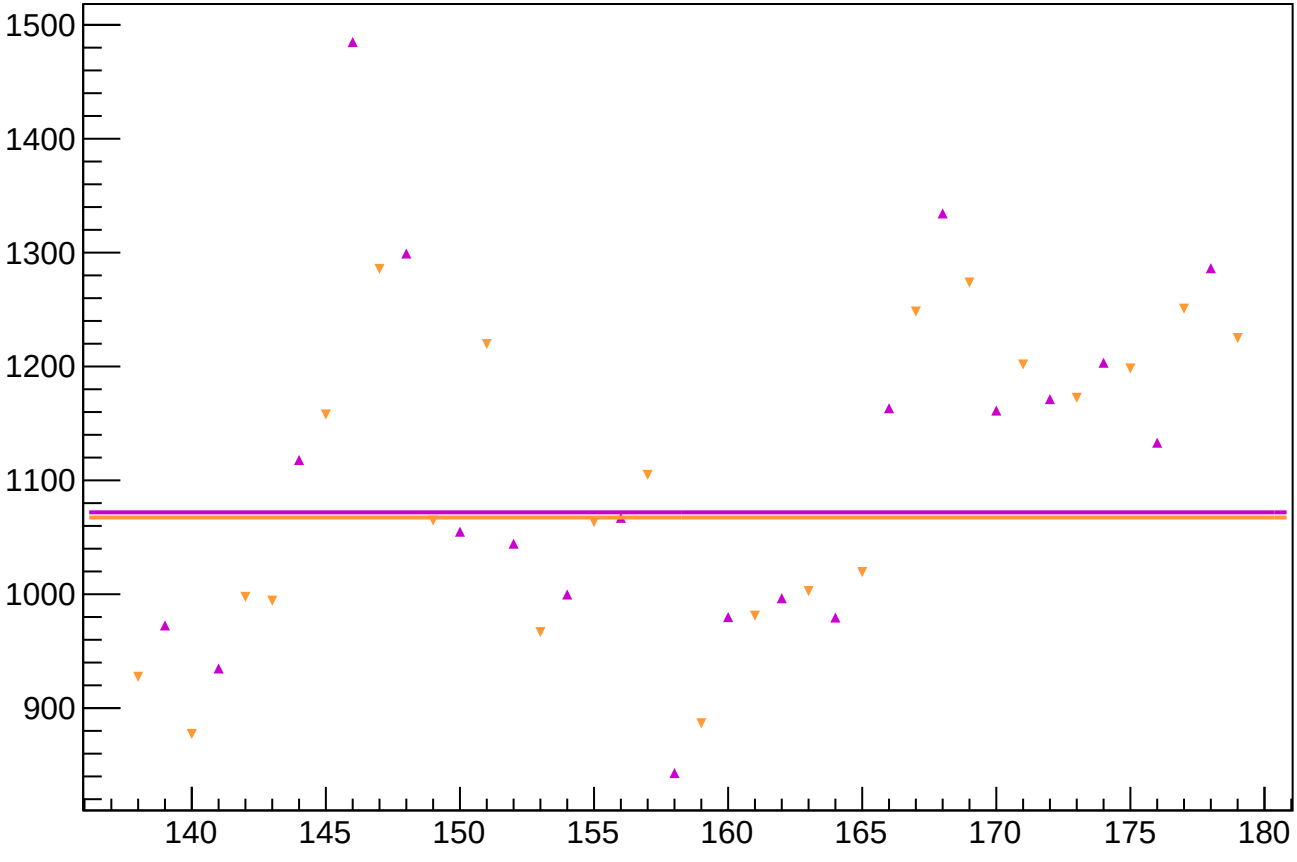
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 59.731+/-273.182 χ^2/NDF:33.2/19

Out: 373.536+/-264.393 χ^2/NDF:32.5/21

All: 221.762+/-189.985 χ^2/NDF: 66.5/41

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 1067.358+/-0.187 χ^2/NDF:491245.8/21

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

Left In: 1071.923+/-0.193 χ^2/NDF:553971.6/19

Left: 1069.566+/-0.134 χ^2/NDF: 1045505.7/41

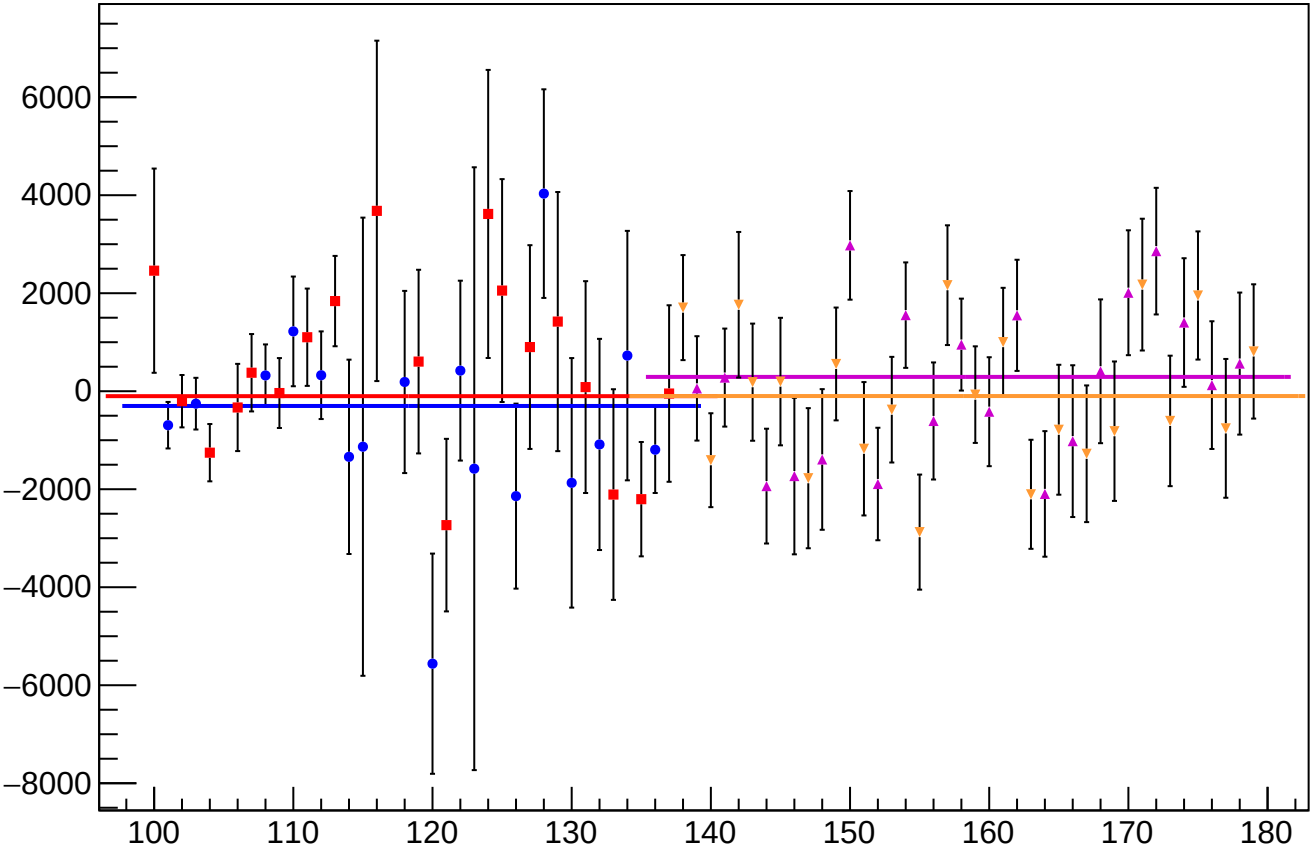
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1071.923+/-0.193 χ^2/NDF:553971.6/19

Out: 1067.358+/-0.187 χ^2/NDF:491245.8/21

All: 1069.566+/-0.134 χ^2/NDF: 1045505.7/41

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: -98.531+/-260.775 χ^2/NDF:29.4/21

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: 292.211+/-270.190 χ^2/NDF:30.9/19

Left: 89.914+/-187.636 χ^2/NDF: 61.4/41

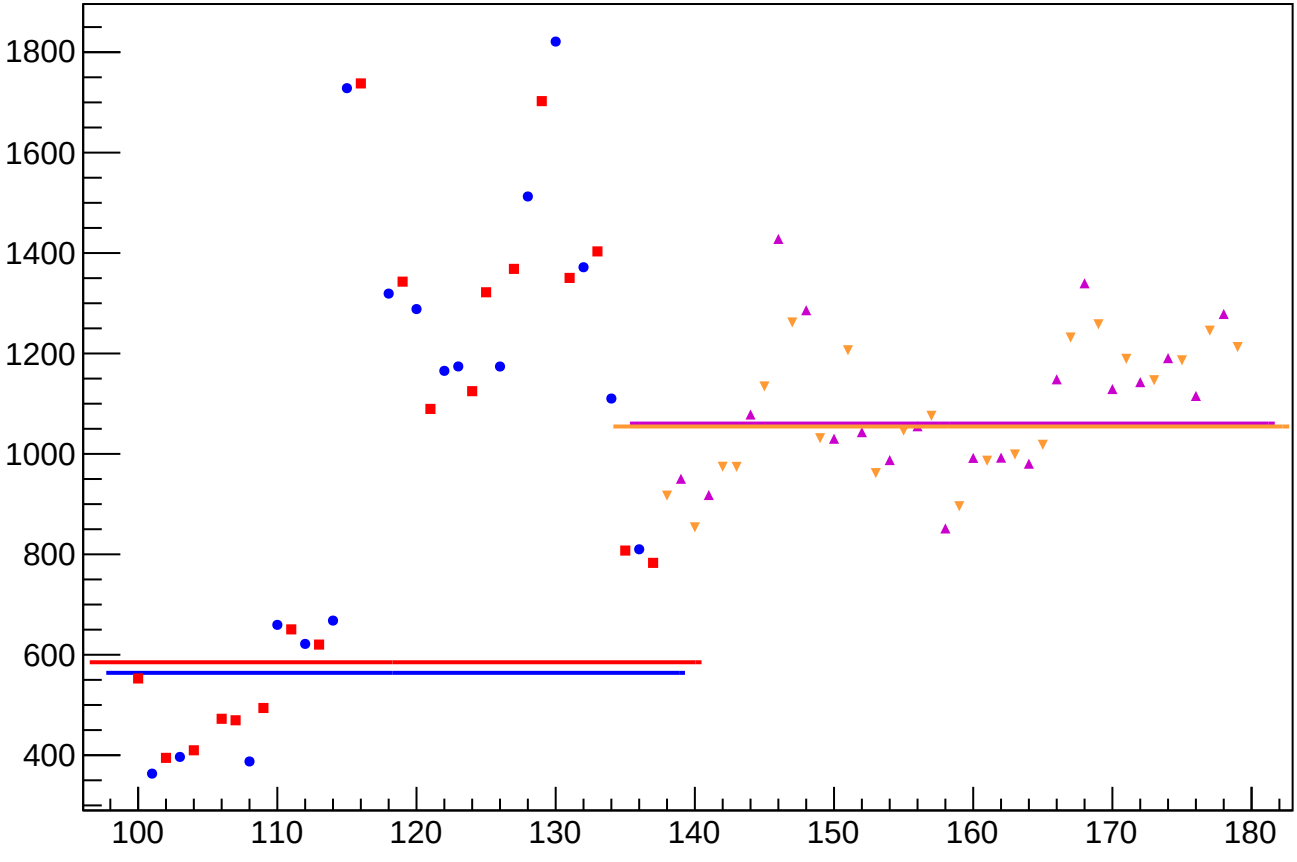
Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -27.334+/-183.517 χ^2/NDF:50.4/36

Out: -99.762+/-178.936 χ^2/NDF:51.9/40

All: -64.463+/-128.116 χ^2/NDF: 102.4/77

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1054.565+/-0.184 χ^2/NDF:478638.5/21

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1060.408+/-0.191 χ^2/NDF:512023.0/19

Left: 1057.383+/-0.133 χ^2/NDF: 991145.7/41

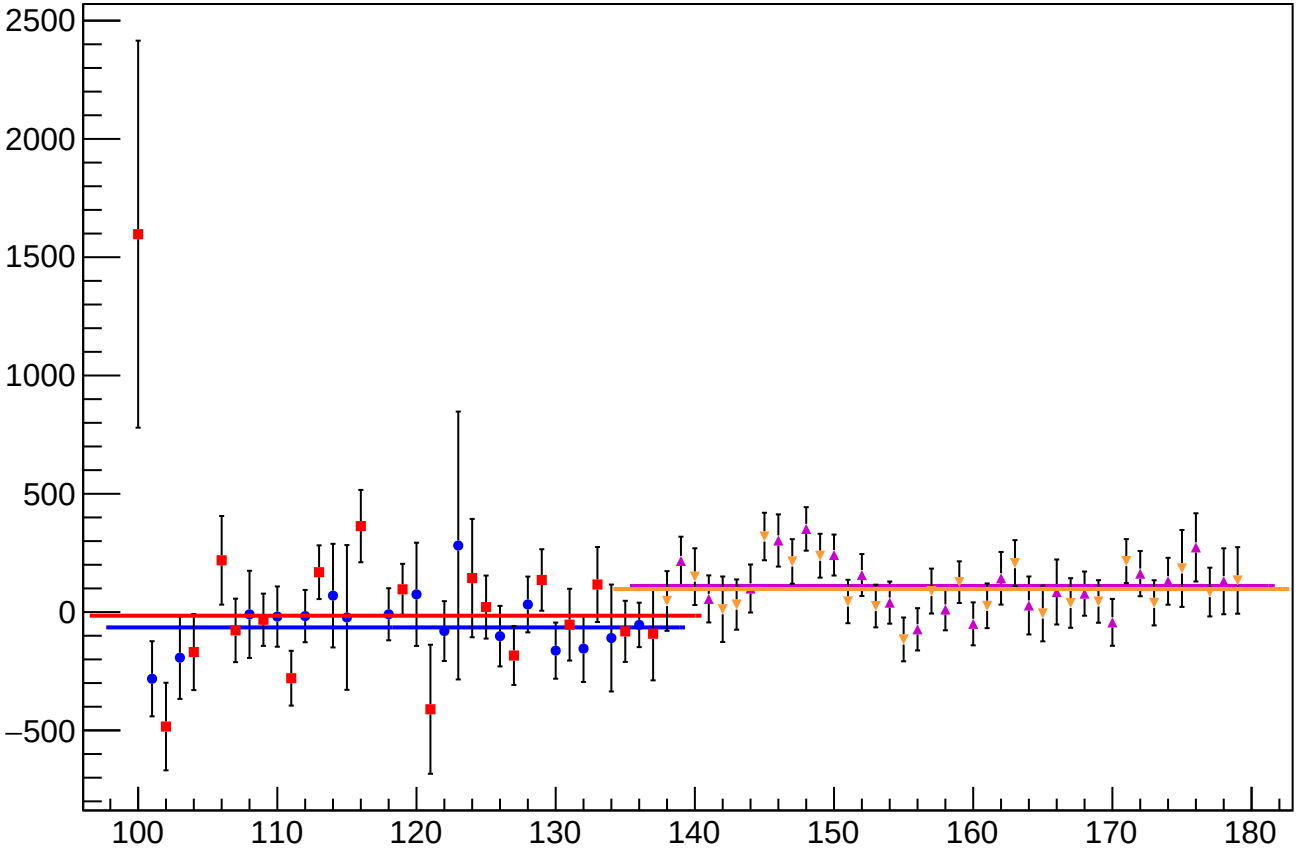
Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 793.009+/-0.130 χ^2/NDF:7410026.0/36

Out: 806.122+/-0.127 χ^2/NDF:6729955.0/40

All: 799.732+/-0.091 χ^2/NDF: 14145215.6/77

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 97.518+/-21.763 χ^2/NDF:21.8/21

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 110.423+/-22.451 χ^2/NDF:27.8/19

Left: 103.770+/-15.626 χ^2/NDF: 49.8/41

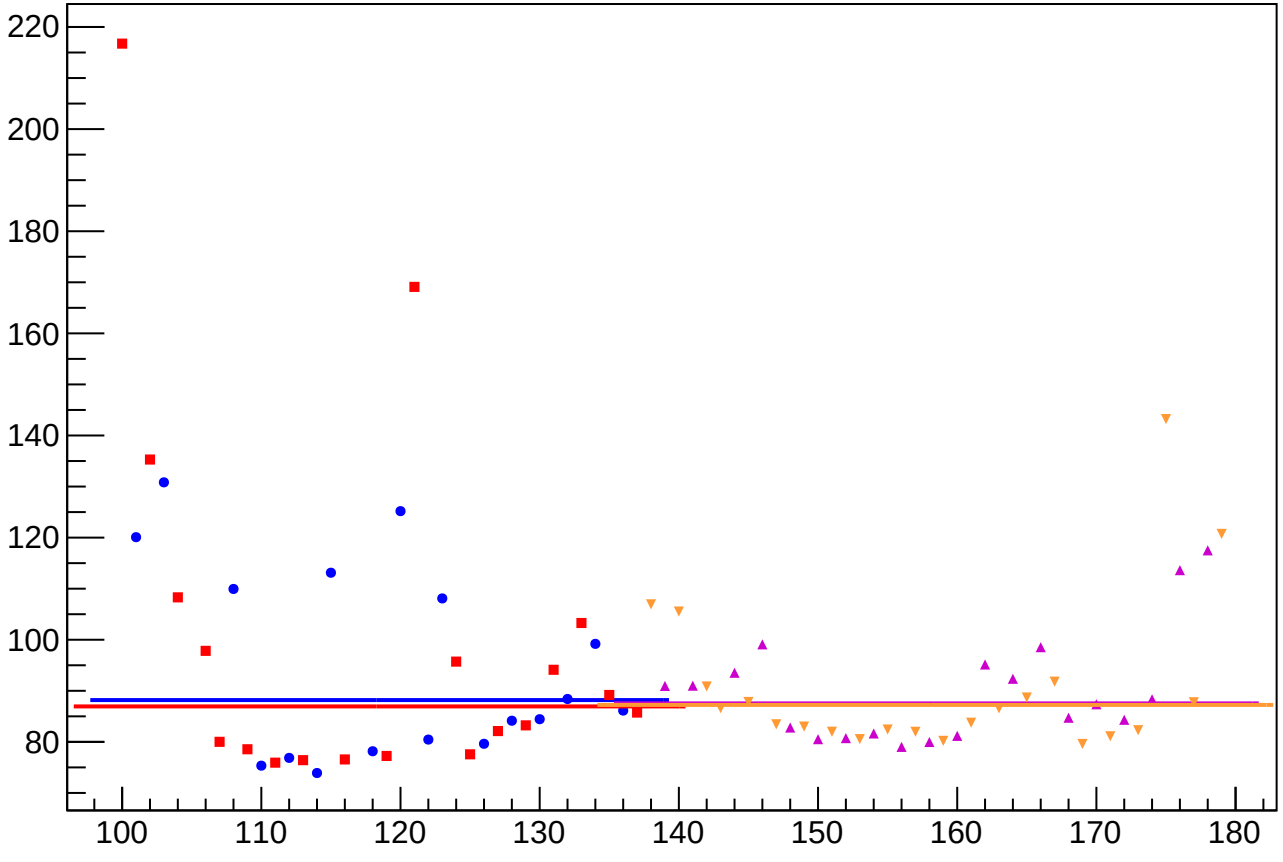
Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: 58.568+/-18.839 χ^2/NDF:52.0/36

Out: 63.927+/-18.237 χ^2/NDF:64.8/40

All: 61.334+/-13.103 χ^2/NDF: 116.8/77

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 87.238+/-0.015 χ^2/NDF:532270.0/21

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 87.538+/-0.016 χ^2/NDF:302711.7/19

Left: 87.383+/-0.011 χ^2/NDF: 835165.7/41

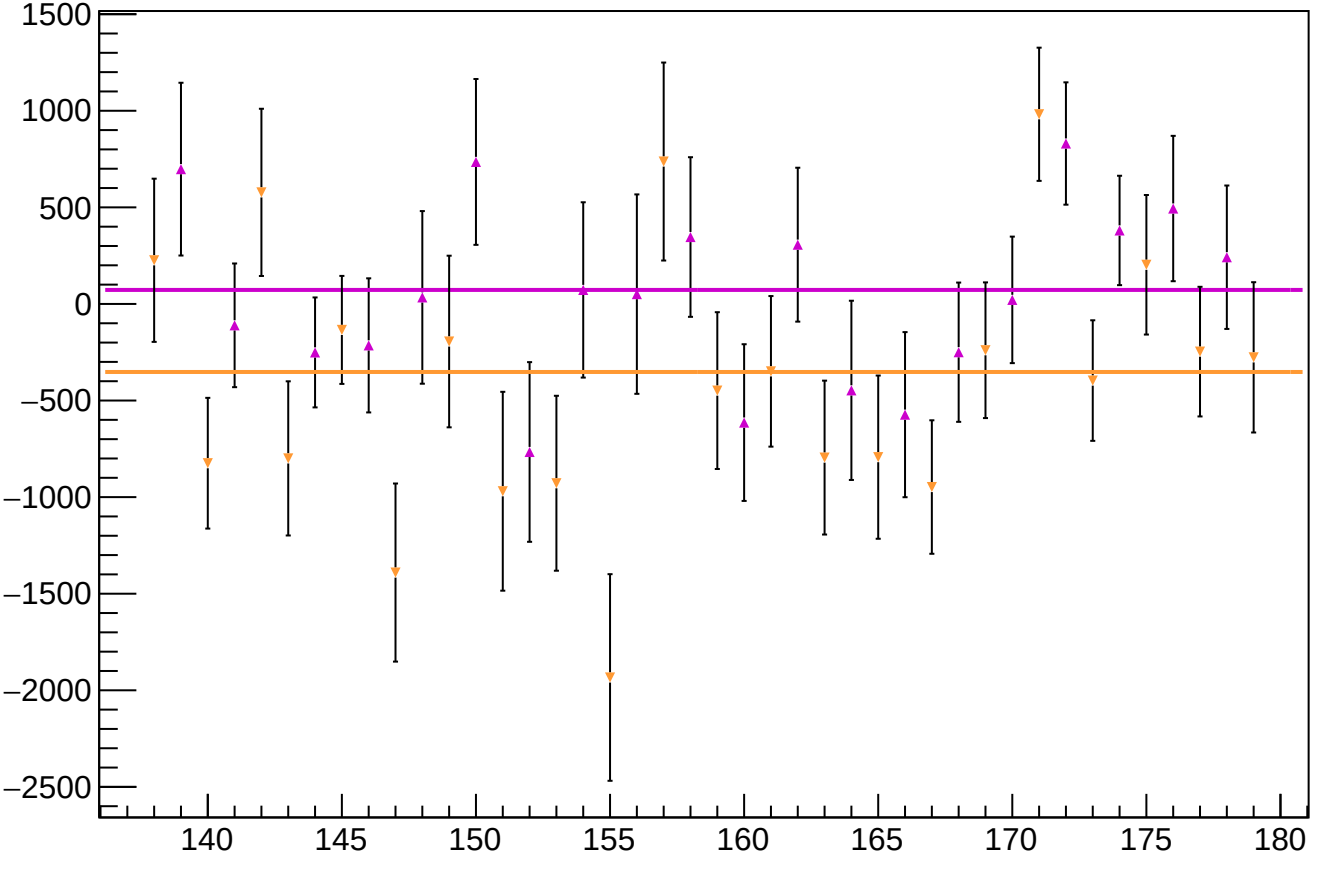
Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 87.730+/-0.013 χ^2/NDF:697652.7/36

Out: 87.150+/-0.013 χ^2/NDF:1063739.3/40

All: 87.431+/-0.009 χ^2/NDF: 1762369.5/77

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -352.163+/-82.376 χ^2/NDF:54.8/21

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

Left In: 72.591+/-84.148 χ^2/NDF:26.3/19

Left: -144.307+/-58.865 χ^2/NDF: 94.1/41

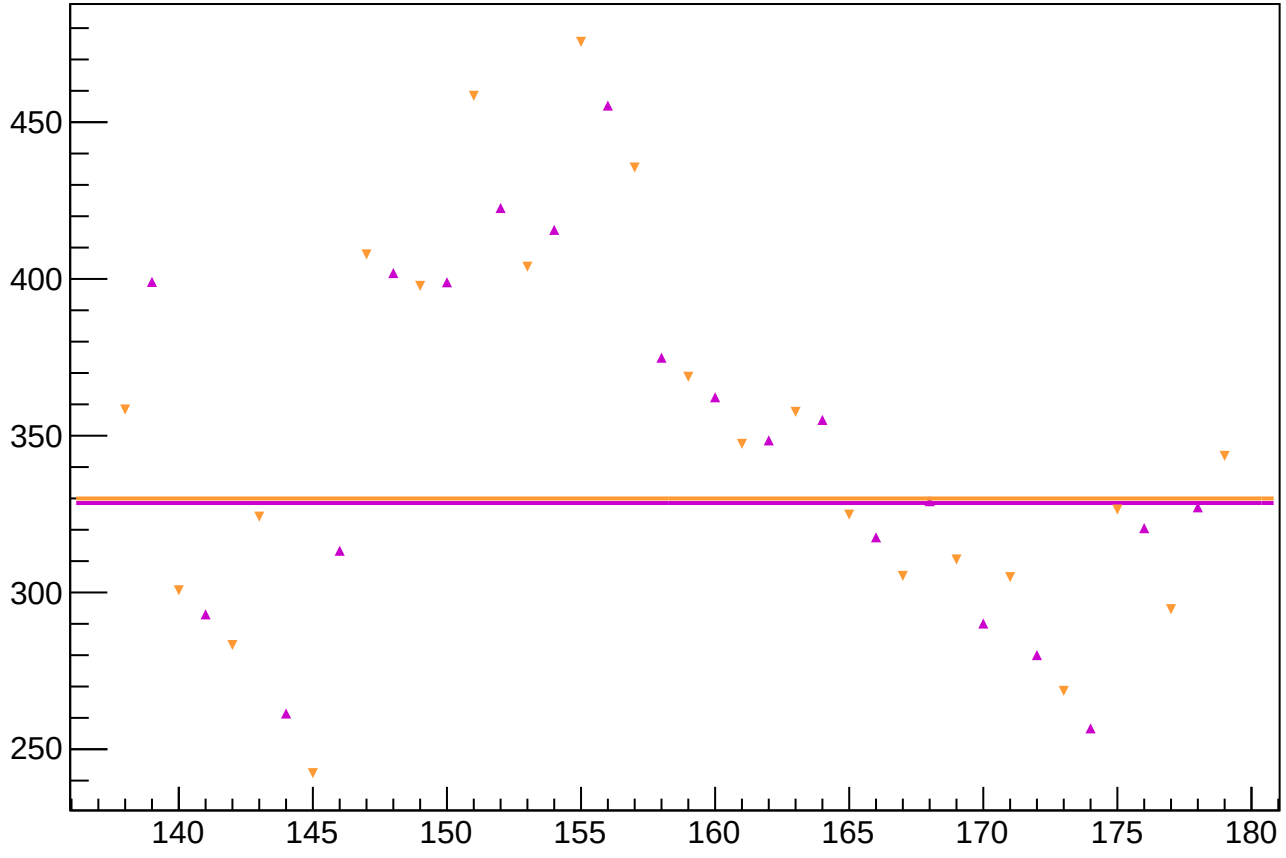
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 72.591+/-84.148 χ^2/NDF:26.3/19

Out: -352.163+/-82.376 χ^2/NDF:54.8/21

All: -144.307+/-58.865 χ^2/NDF: 94.1/41

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 329.984+/-0.058 χ^2/NDF:920155.6/21

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

Left In: 328.530+/-0.060 χ^2/NDF:829579.7/19

Left: 329.273+/-0.042 χ^2/NDF: 1750040.4/41

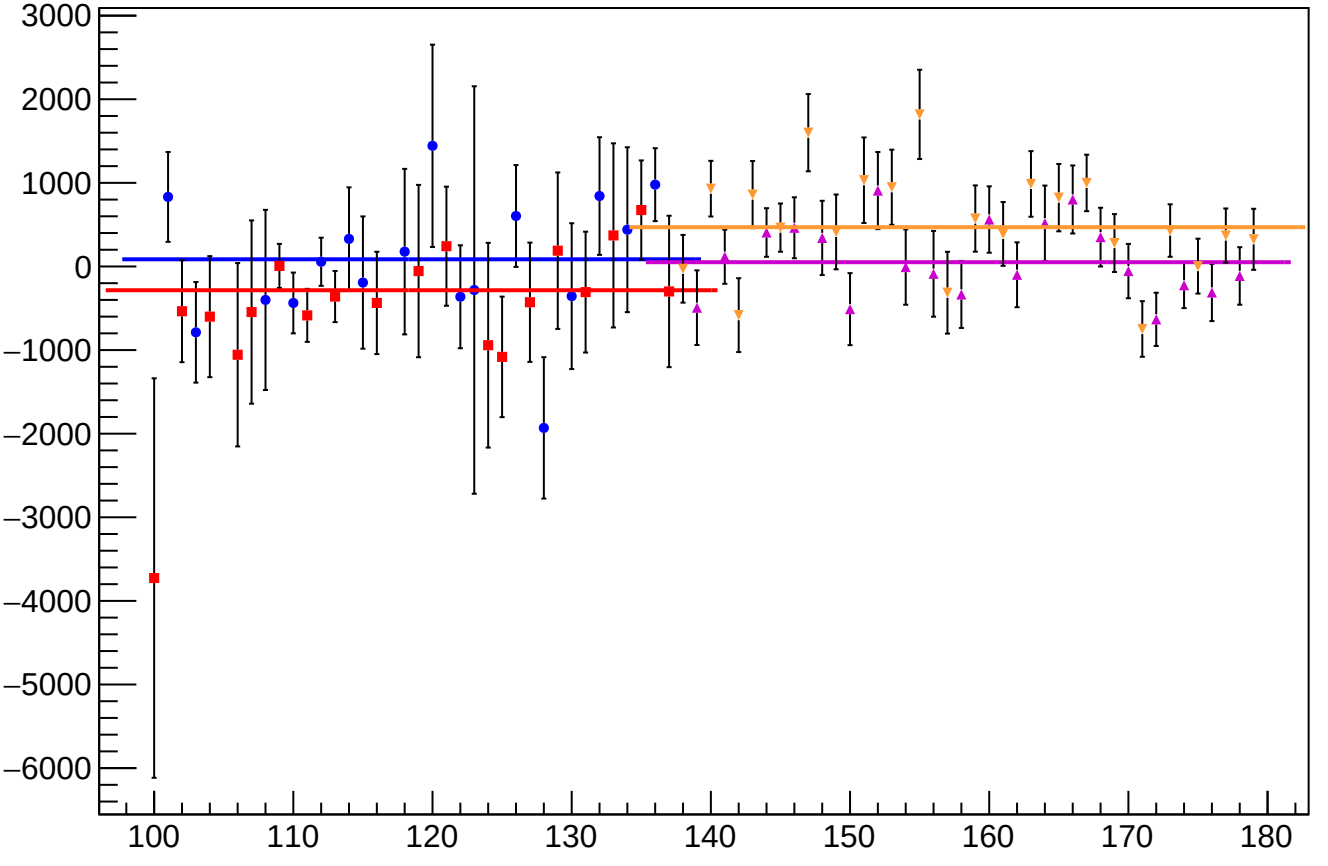
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 328.530+/-0.060 χ^2/NDF:829579.7/19

Out: 329.984+/-0.058 χ^2/NDF:920155.6/21

All: 329.273+/-0.042 χ^2/NDF: 1750040.4/41

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 469.975+/-80.799 χ^2/NDF:48.4/21

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 51.068+/-82.787 χ^2/NDF:25.0/19

Left: 265.612+/-57.824 χ^2/NDF: 86.5/41

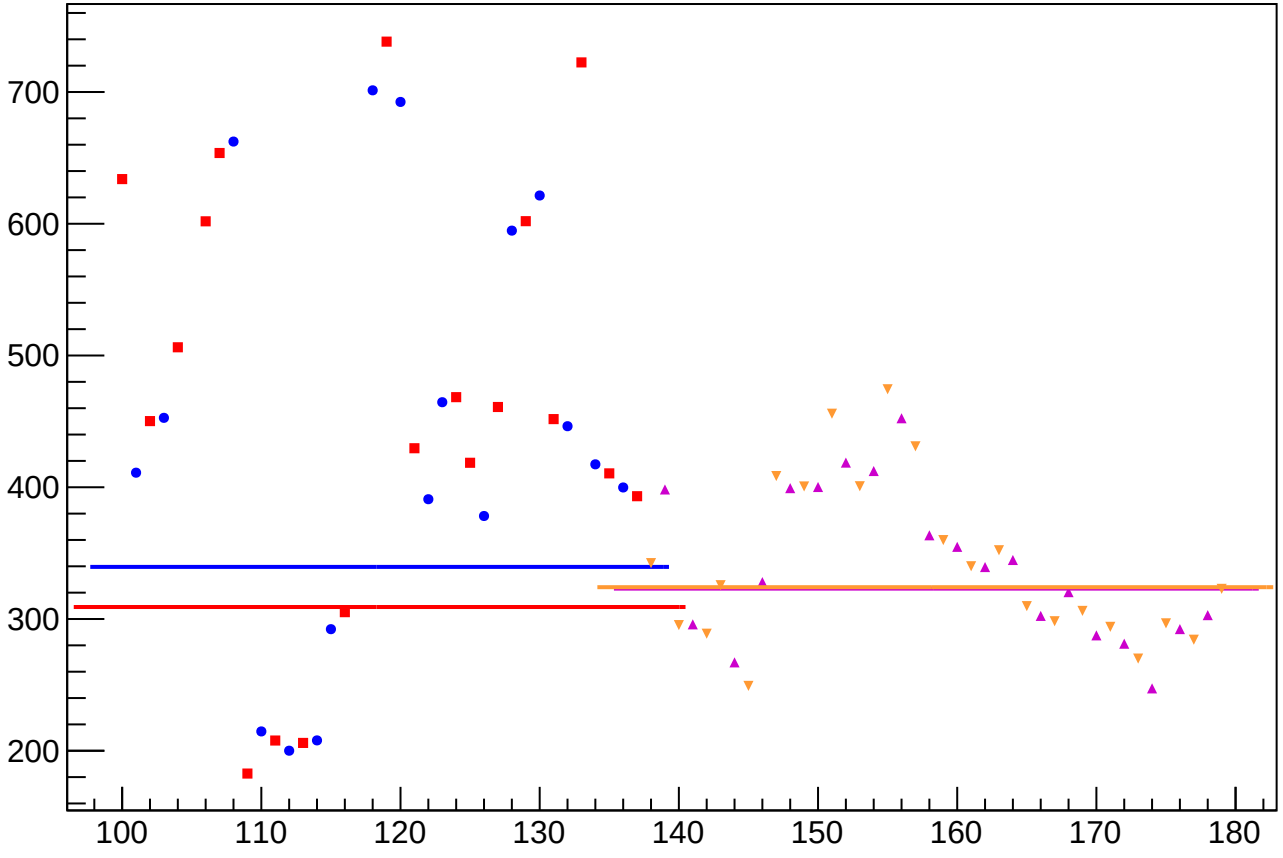
Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 59.826+/-71.596 χ^2/NDF:45.6/36

Out: 258.810+/-68.565 χ^2/NDF:83.4/40

All: 163.619+/-49.520 χ^2/NDF: 133.0/77

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 324.147+/-0.057 χ^2/NDF:906591.7/21

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 323.066+/-0.059 χ^2/NDF:842449.1/19

Left: 323.620+/-0.041 χ^2/NDF: 1749215.3/41

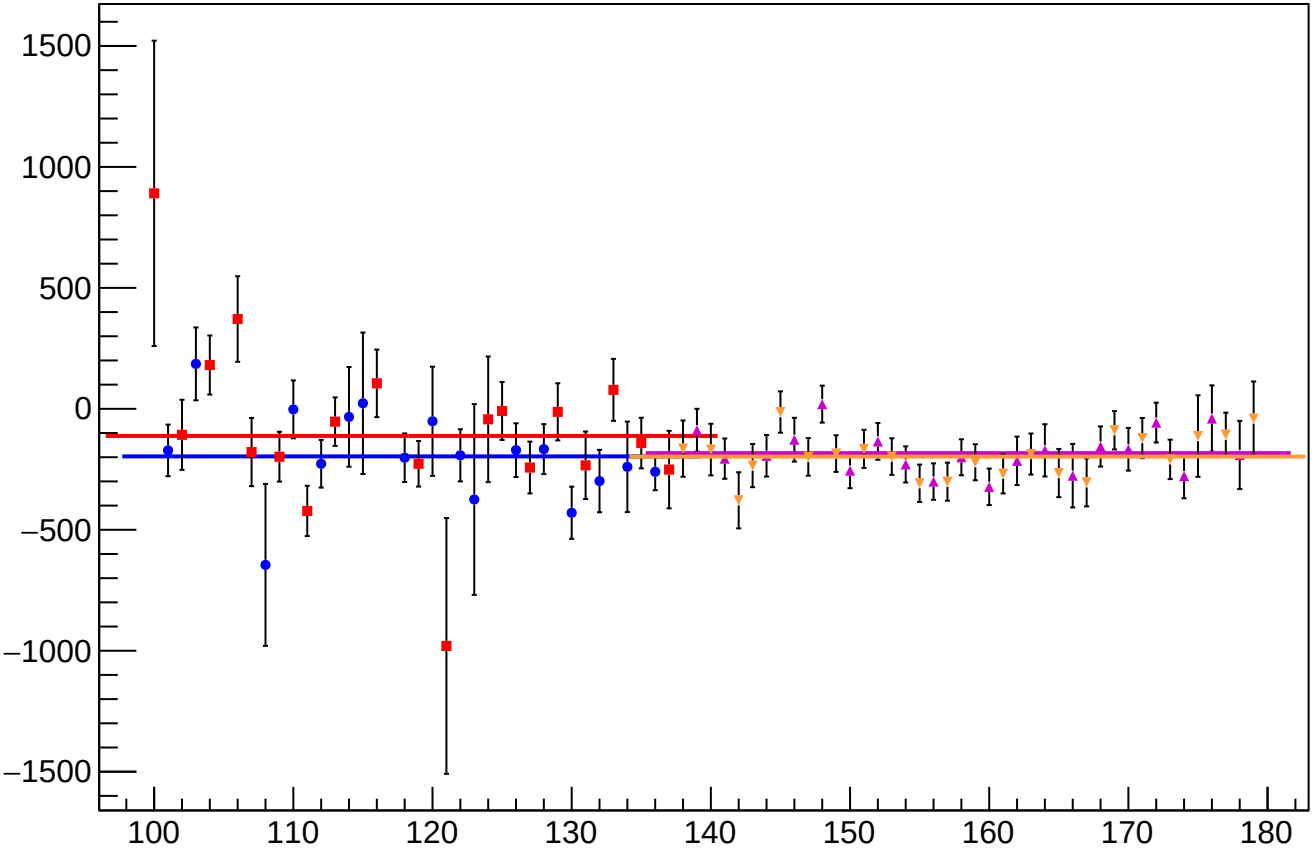
Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 327.222+/-0.051 χ^2/NDF:2904686.9/36

Out: 319.937+/-0.048 χ^2/NDF:3656301.0/40

All: 323.422+/-0.035 χ^2/NDF: 6571790.2/77

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -197.376+/-18.805 χ^2/NDF:18.9/21

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -183.178+/-19.384 χ^2/NDF:21.6/19

Left: -190.492+/-13.497 χ^2/NDF: 40.7/41

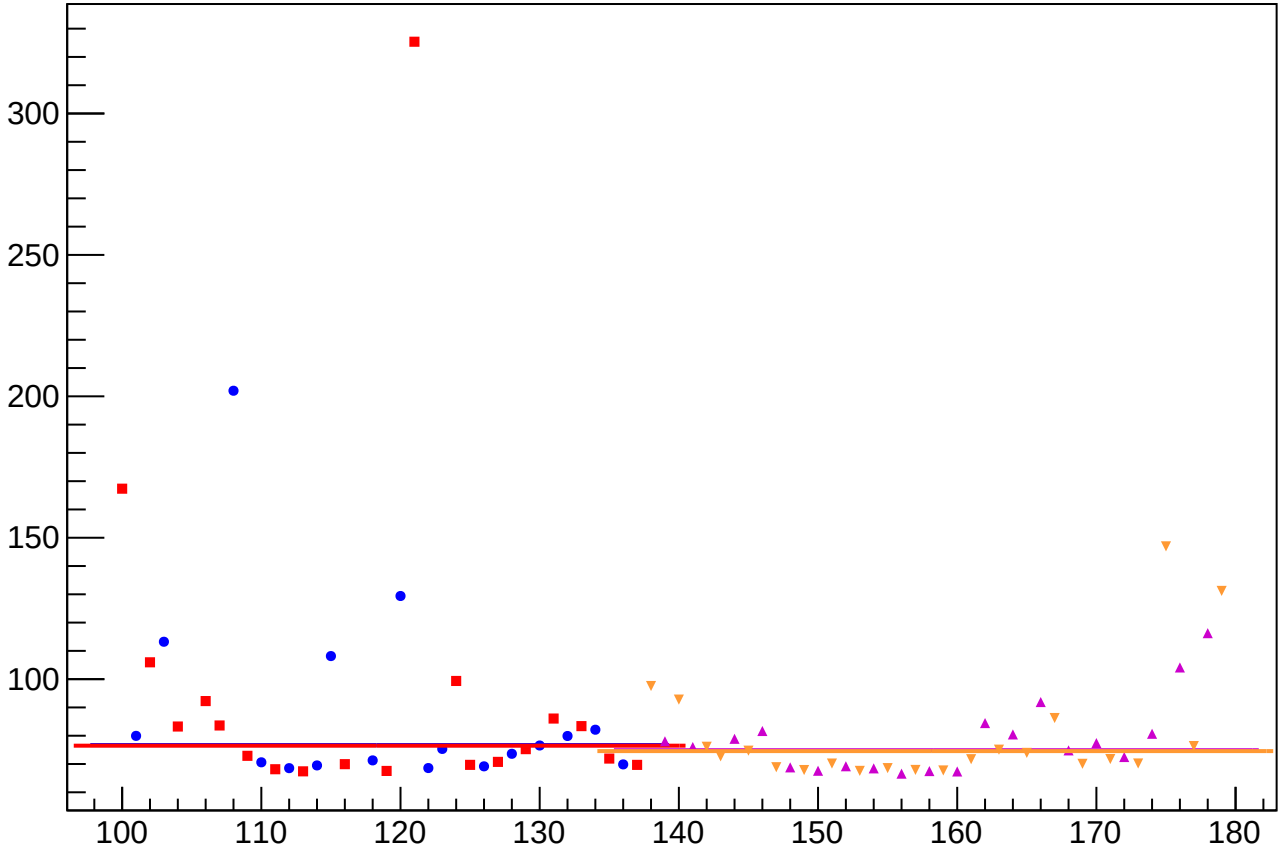
Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -187.057+/-16.344 χ^2/NDF:40.8/36

Out: -172.879+/-15.876 χ^2/NDF:64.1/40

All: -179.763+/-11.388 χ^2/NDF: 105.3/77

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 74.563+/-0.013 χ^2/NDF:918712.1/21

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 74.877+/-0.014 χ^2/NDF:473227.6/19

Left: 74.715+/-0.010 χ^2/NDF: 1392210.5/41

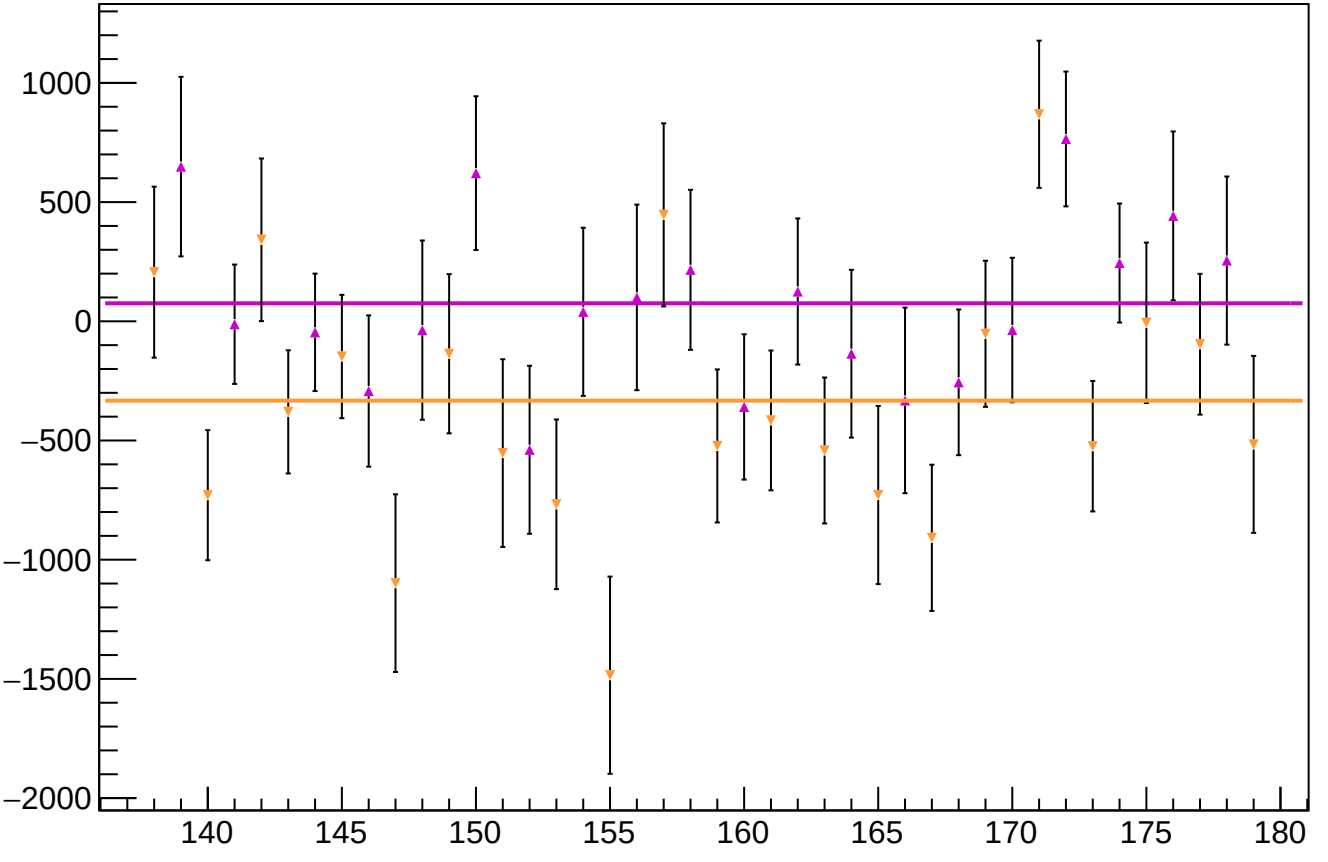
Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 75.402+/-0.012 χ^2/NDF:1078644.6/36

Out: 75.113+/-0.011 χ^2/NDF:1624038.3/40

All: 75.253+/-0.008 χ^2/NDF: 2703003.5/77

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -332.907+/-68.241 χ^2/NDF:50.9/21

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

Left In: 75.502+/-70.721 χ^2/NDF:22.8/19

Left: -135.987+/-49.107 χ^2/NDF: 91.0/41

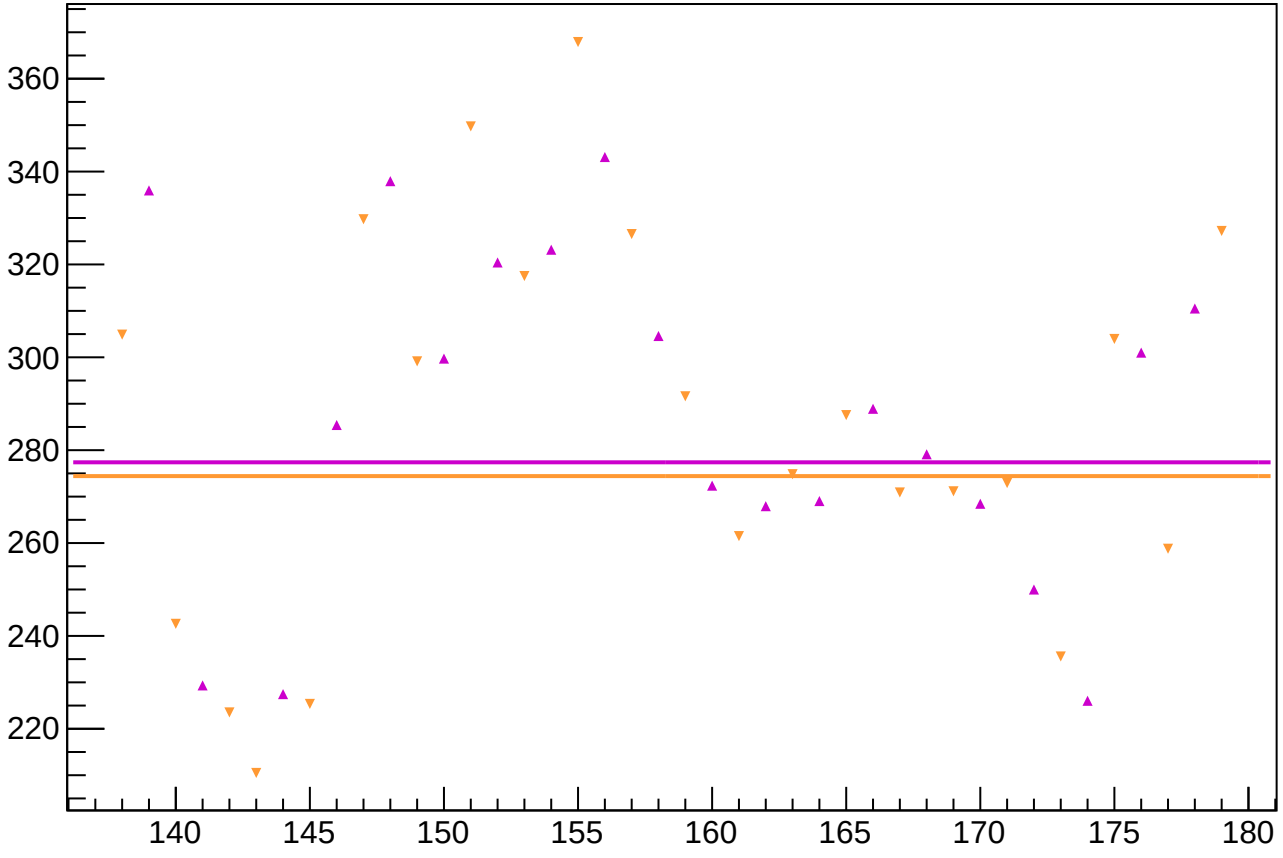
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 75.502+/-70.721 χ^2/NDF:22.8/19

Out: -332.907+/-68.241 χ^2/NDF:50.9/21

All: -135.987+/-49.107 χ^2/NDF: 91.0/41

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 274.417+/-0.048 χ^2/NDF:691474.4/21

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

Left In: 277.387+/-0.050 χ^2/NDF:537815.7/19

Left: 275.849+/-0.035 χ^2/NDF: 1231116.1/41

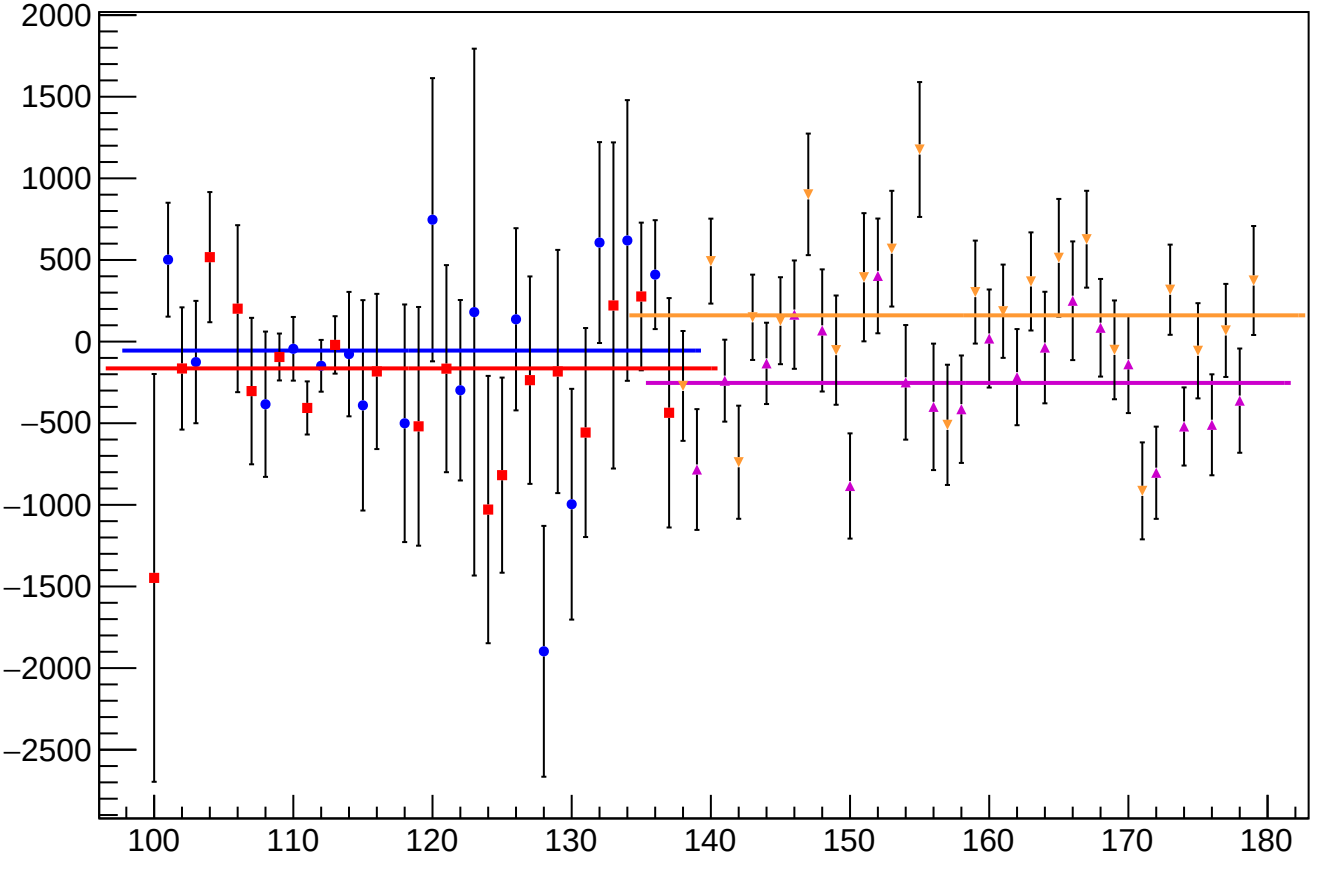
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 277.387+/-0.050 χ^2/NDF:537815.7/19

Out: 274.417+/-0.048 χ^2/NDF:691474.4/21

All: 275.849+/-0.035 χ^2/NDF: 1231116.1/41

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 160.871+/-66.616 χ^2/NDF:44.6/21

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -253.113+/-69.233 χ^2/NDF:22.7/19

Left: -38.146+/-48.003 χ^2/NDF: 85.9/41

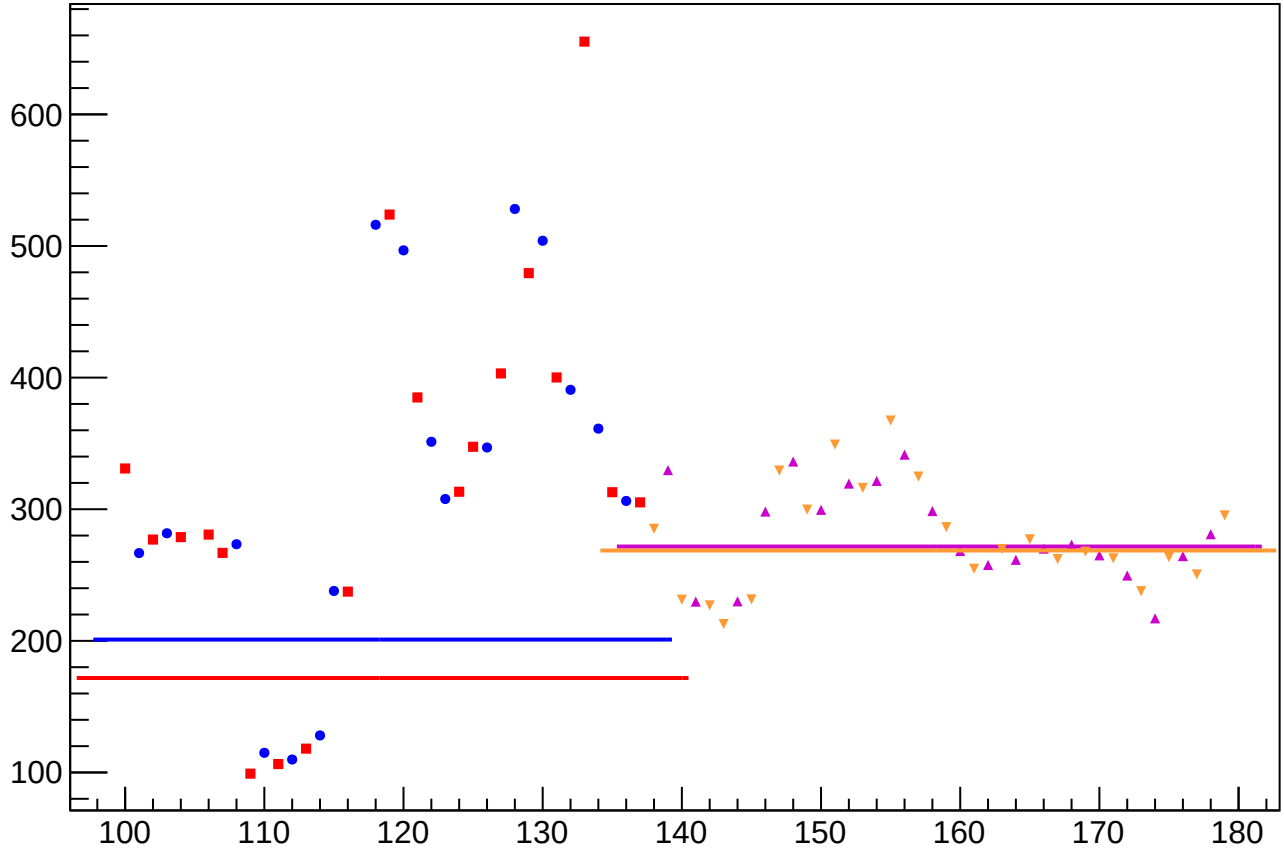
Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -179.801+/-54.956 χ^2/NDF:42.3/36

Out: 21.543+/-50.352 χ^2/NDF:66.7/40

All: -70.343+/-37.125 χ^2/NDF: 116.3/77

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 268.653+/-0.047 χ^2/NDF:617375.5/21

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 271.654+/-0.049 χ^2/NDF:530566.7/19

Left: 270.096+/-0.034 χ^2/NDF: 1149894.2/41

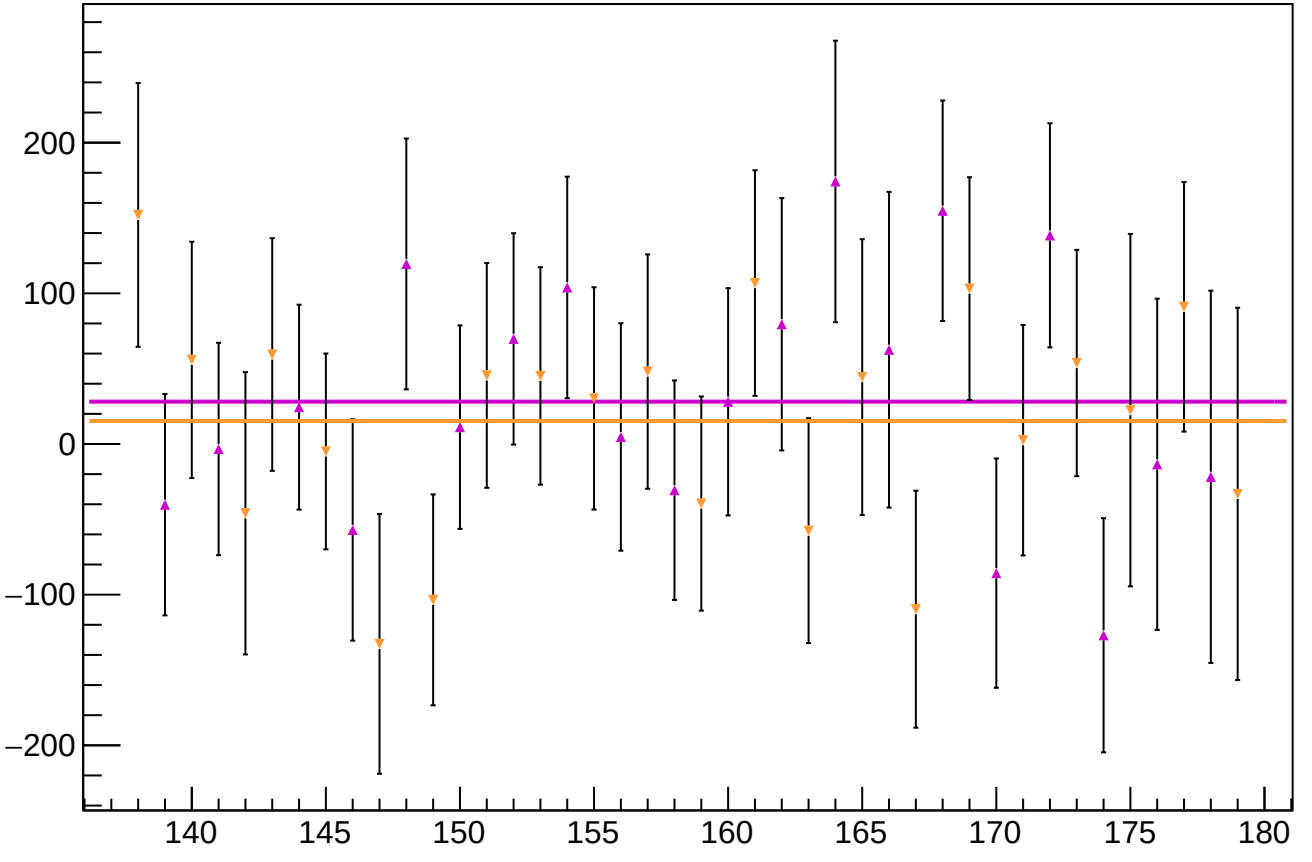
Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 245.507+/-0.039 χ^2/NDF:4737898.0/36

Out: 227.131+/-0.036 χ^2/NDF:6522595.0/40

All: 235.517+/-0.026 χ^2/NDF: 11382058.0/77

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 15.291+/-16.846 χ^2/NDF:18.3/21

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

Left In: 28.108+/-17.455 χ^2/NDF:20.5/19

Left: 21.472+/-12.121 χ^2/NDF: 39.1/41

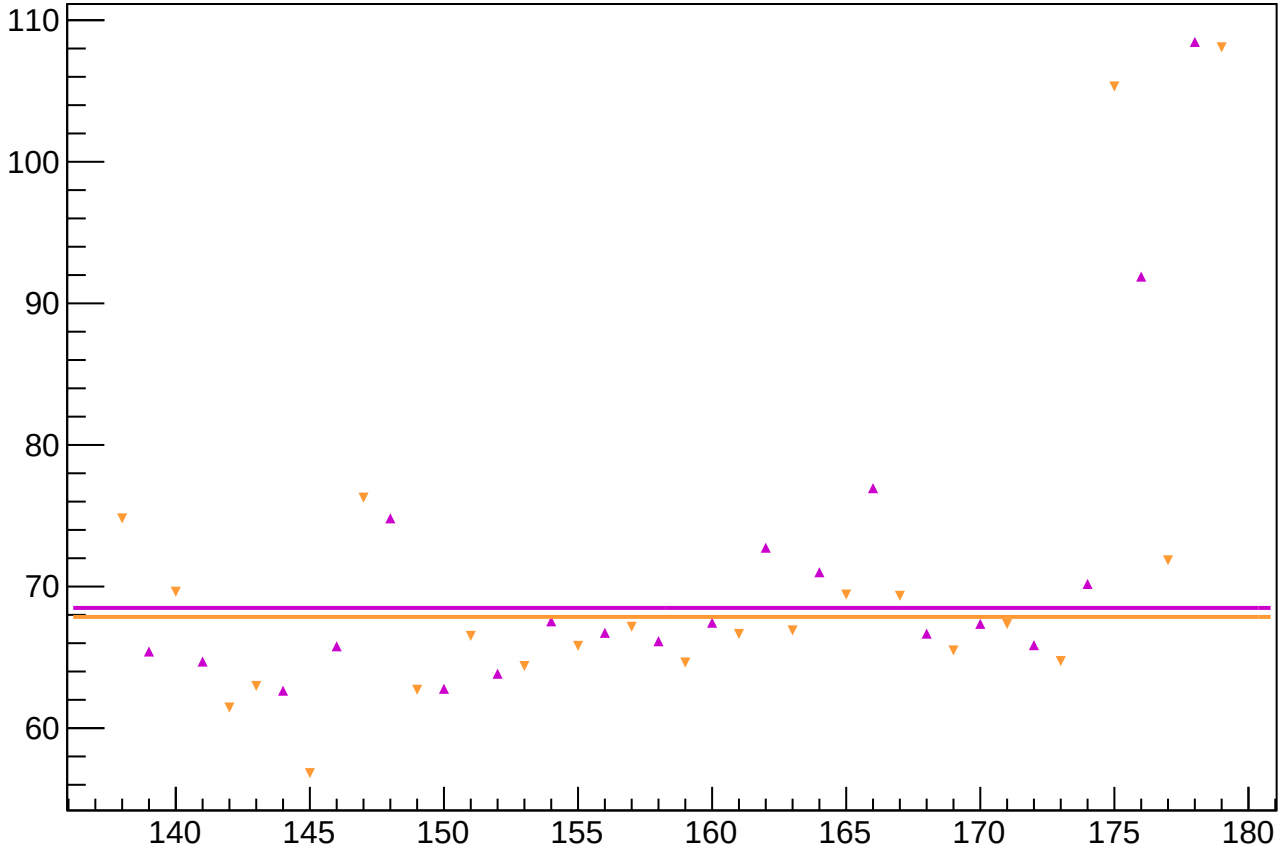
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 28.108+/-17.455 χ^2/NDF:20.5/19

Out: 15.291+/-16.846 χ^2/NDF:18.3/21

All: 21.472+/-12.121 χ^2/NDF: 39.1/41

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 67.858+/-0.012 χ^2/NDF:559253.9/21

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

Left In: 68.492+/-0.012 χ^2/NDF:390151.9/19

Left: 68.163+/-0.009 χ^2/NDF: 950771.4/41

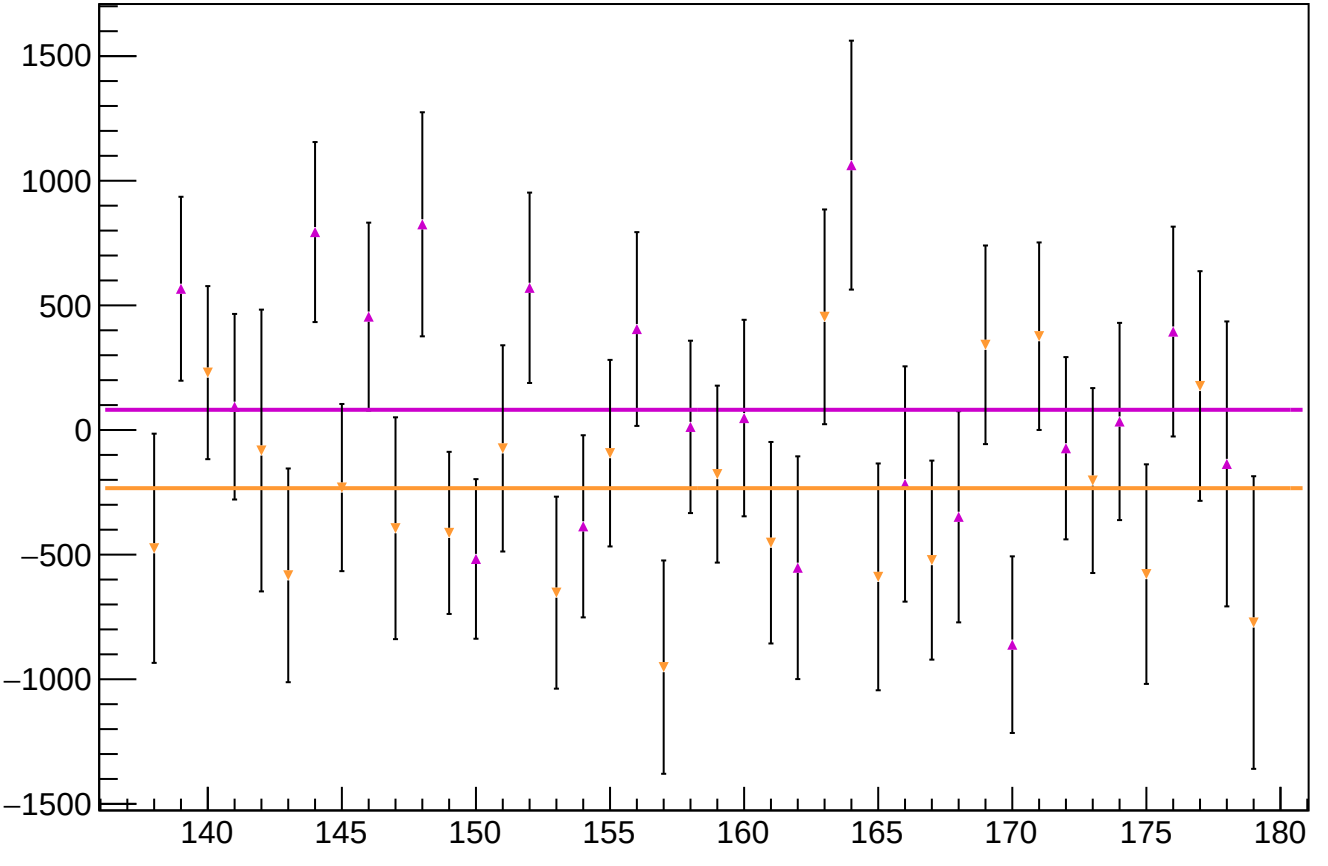
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 68.492+/-0.012 χ^2/NDF:390151.9/19

Out: 67.858+/-0.012 χ^2/NDF:559253.9/21

All: 68.163+/-0.009 χ^2/NDF: 950771.4/41

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -233.353+/-86.345 χ^2/NDF:18.5/21

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

Left In: 81.062+/-87.925 χ^2/NDF:32.1/19

Left: -78.996+/-61.606 χ^2/NDF: 57.1/41

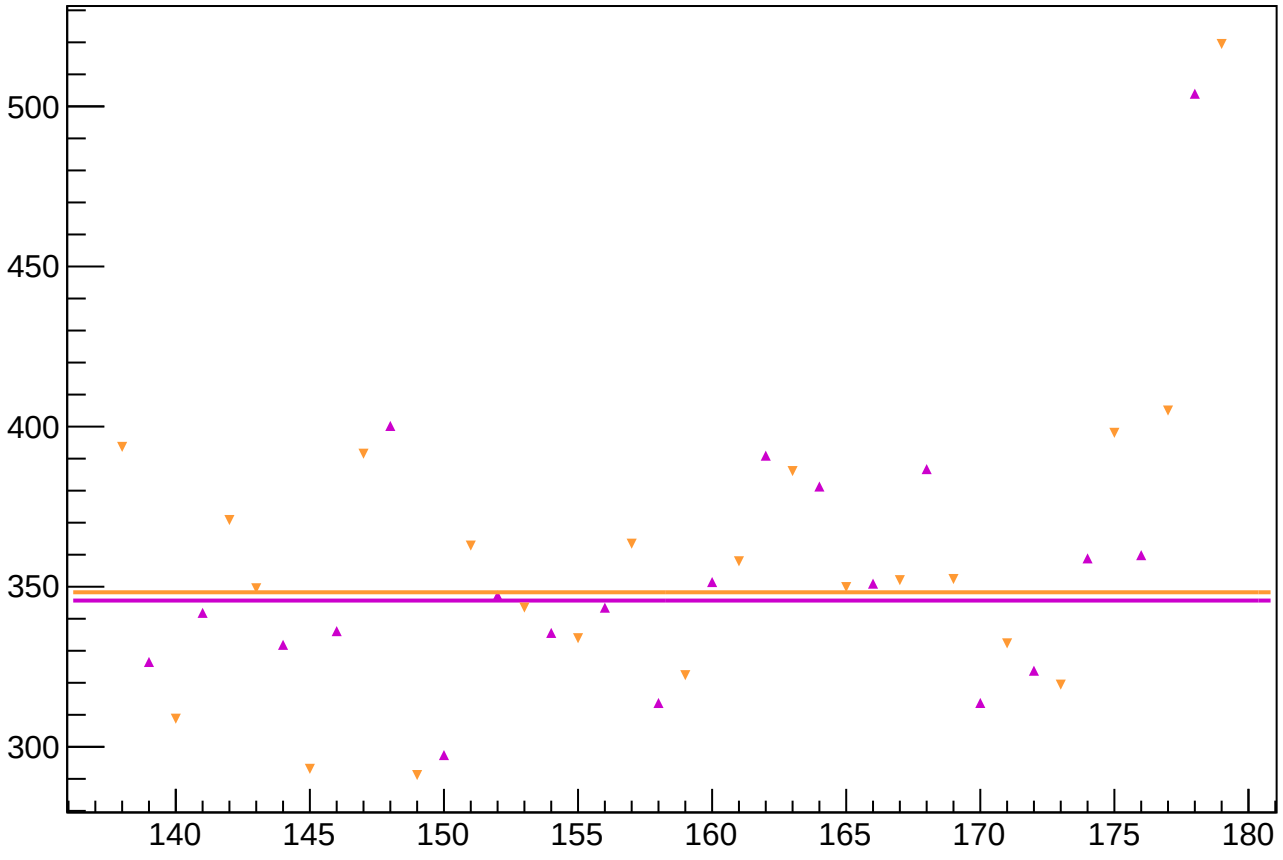
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 81.062+/-87.925 χ^2/NDF:32.1/19

Out: -233.353+/-86.345 χ^2/NDF:18.5/21

All: -78.996+/-61.606 χ^2/NDF: 57.1/41

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 348.266+/-0.061 χ^2/NDF:460779.8/21

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

Left In: 345.680+/-0.062 χ^2/NDF:334840.6/19

Left: 346.997+/-0.044 χ^2/NDF: 796500.9/41

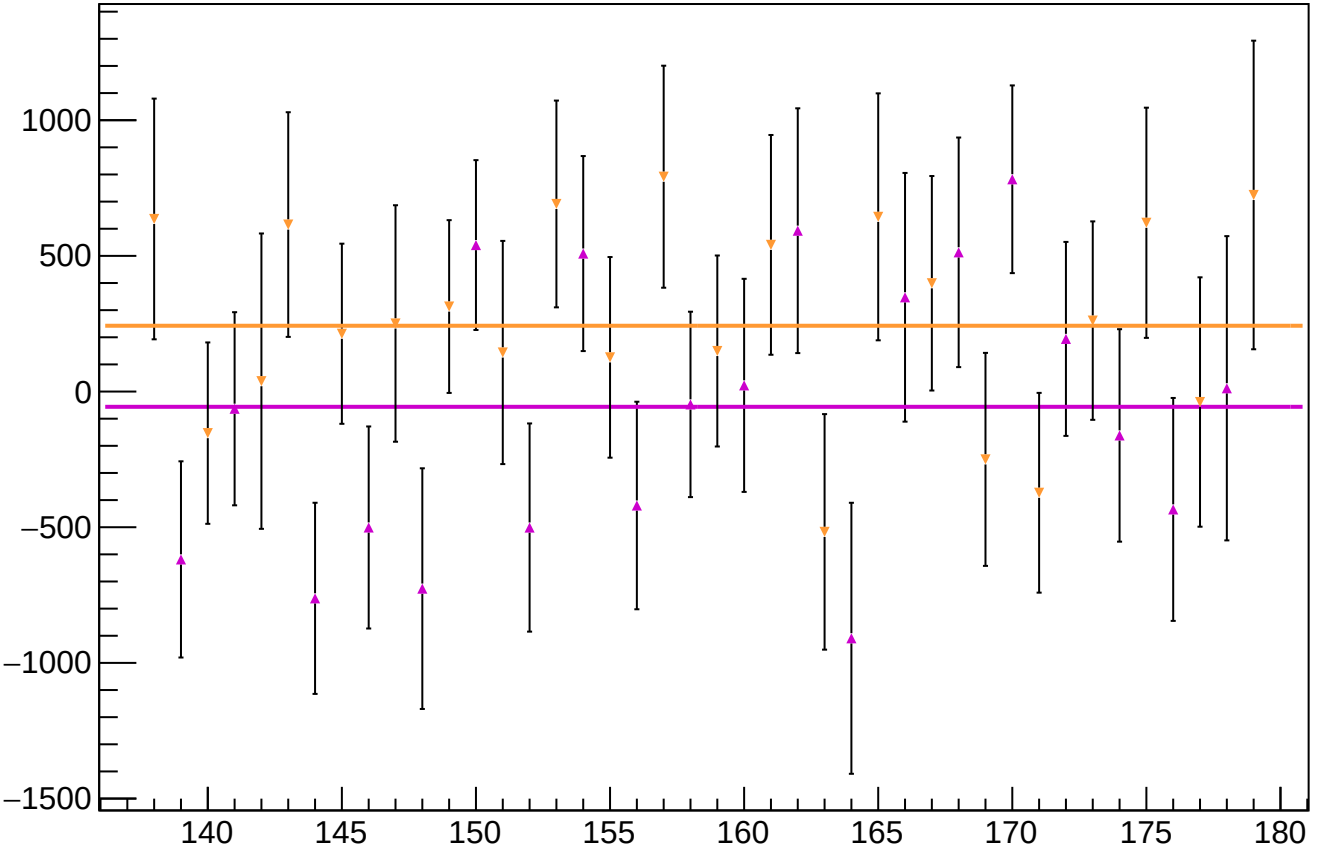
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 345.680+/-0.062 χ^2/NDF:334840.6/19

Out: 348.266+/-0.061 χ^2/NDF:460779.8/21

All: 346.997+/-0.044 χ^2/NDF: 796500.9/41

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 242.521+/-84.823 χ^2/NDF:17.4/21

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

Left In: -56.224+/-86.504 χ^2/NDF:33.4/19

Left: 96.080+/-60.565 χ^2/NDF: 56.9/41

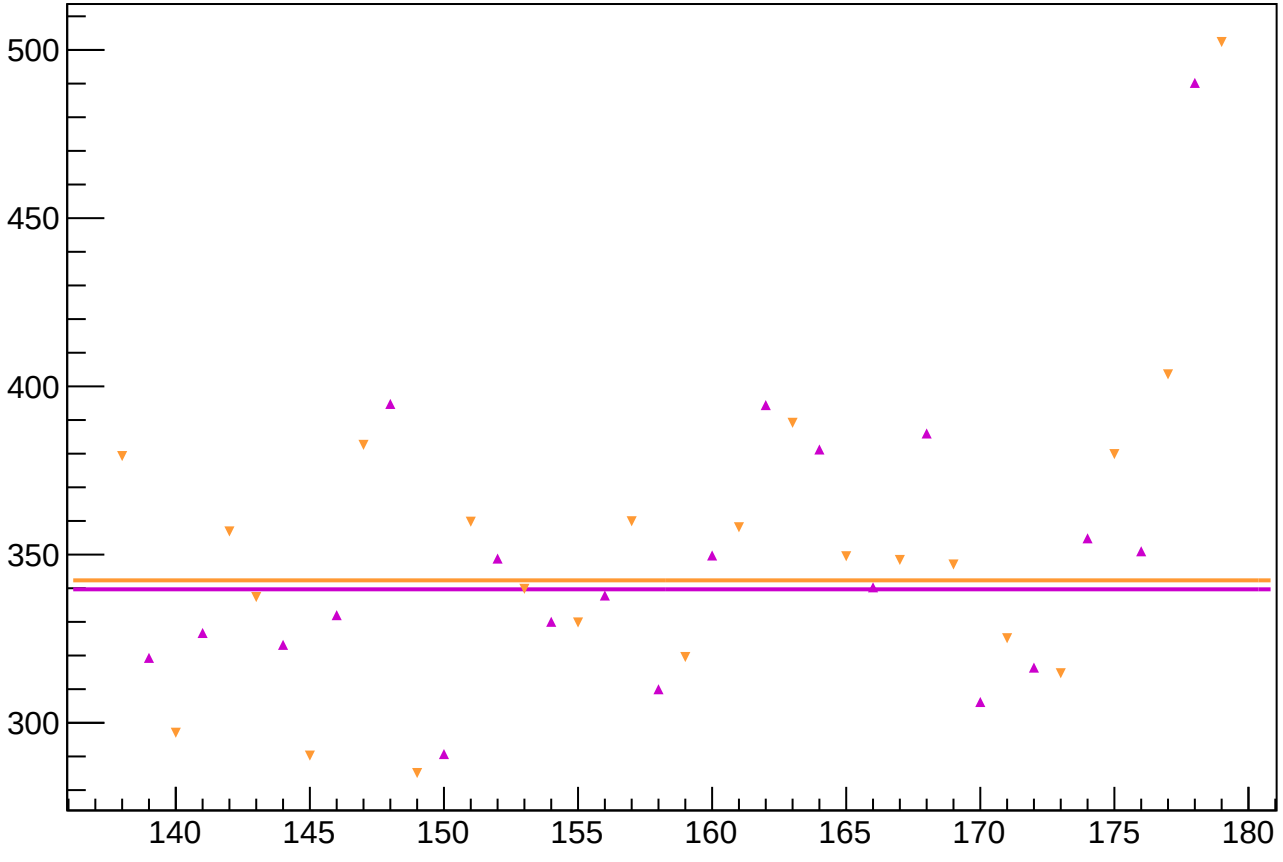
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -56.224+/-86.504 χ^2/NDF:33.4/19

Out: 242.521+/-84.823 χ^2/NDF:17.4/21

All: 96.080+/-60.565 χ^2/NDF: 56.9/41

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 342.345+/-0.060 χ^2/NDF:454282.4/21

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

Left In: 339.678+/-0.061 χ^2/NDF:356385.1/19

Left: 341.037+/-0.043 χ^2/NDF: 811637.0/41

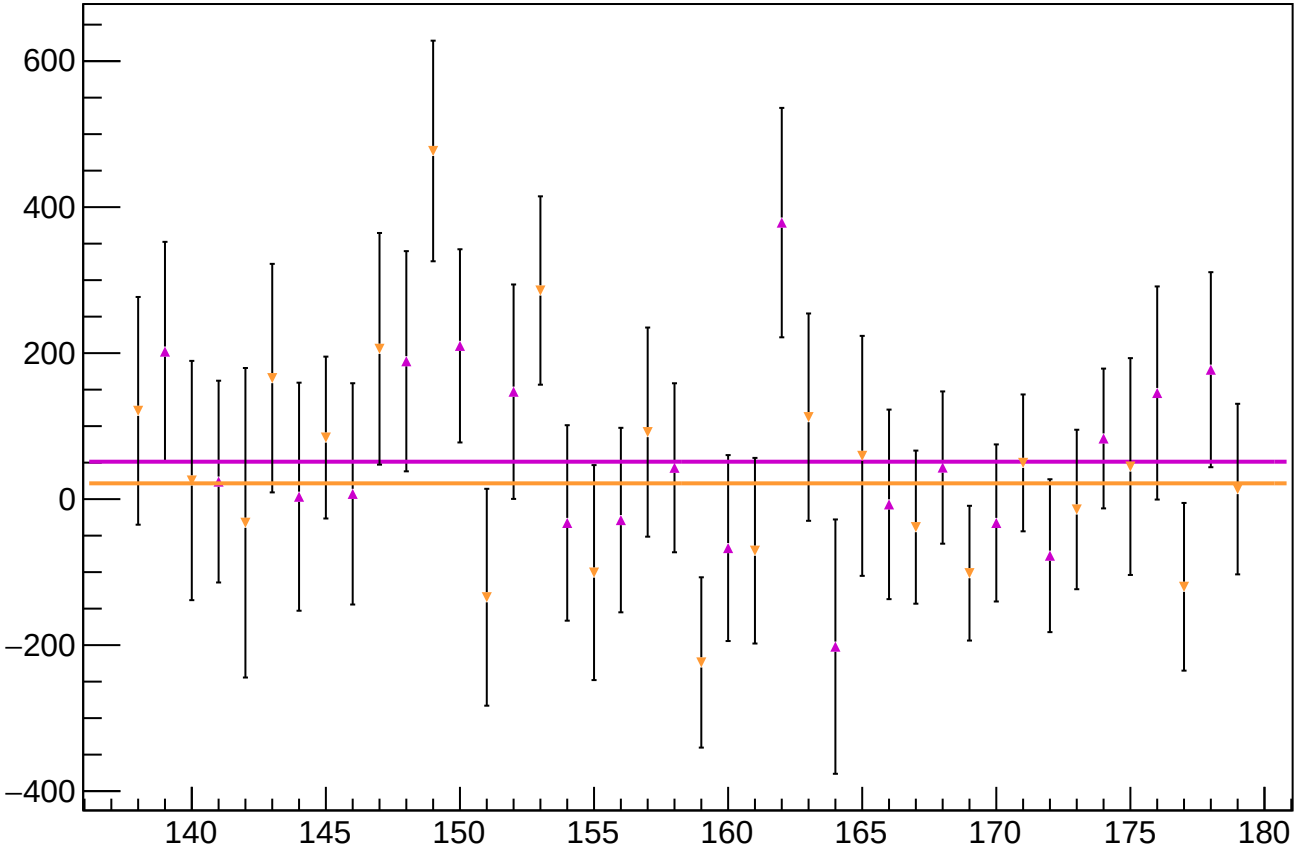
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 339.678+/-0.061 χ^2/NDF:356385.1/19

Out: 342.345+/-0.060 χ^2/NDF:454282.4/21

All: 341.037+/-0.043 χ^2/NDF: 811637.0/41

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 21.639+/-27.434 χ^2/NDF:27.6/21

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

Left In: 51.269+/-28.898 χ^2/NDF:15.8/19

Left: 35.684+/-19.896 χ^2/NDF: 43.9/41

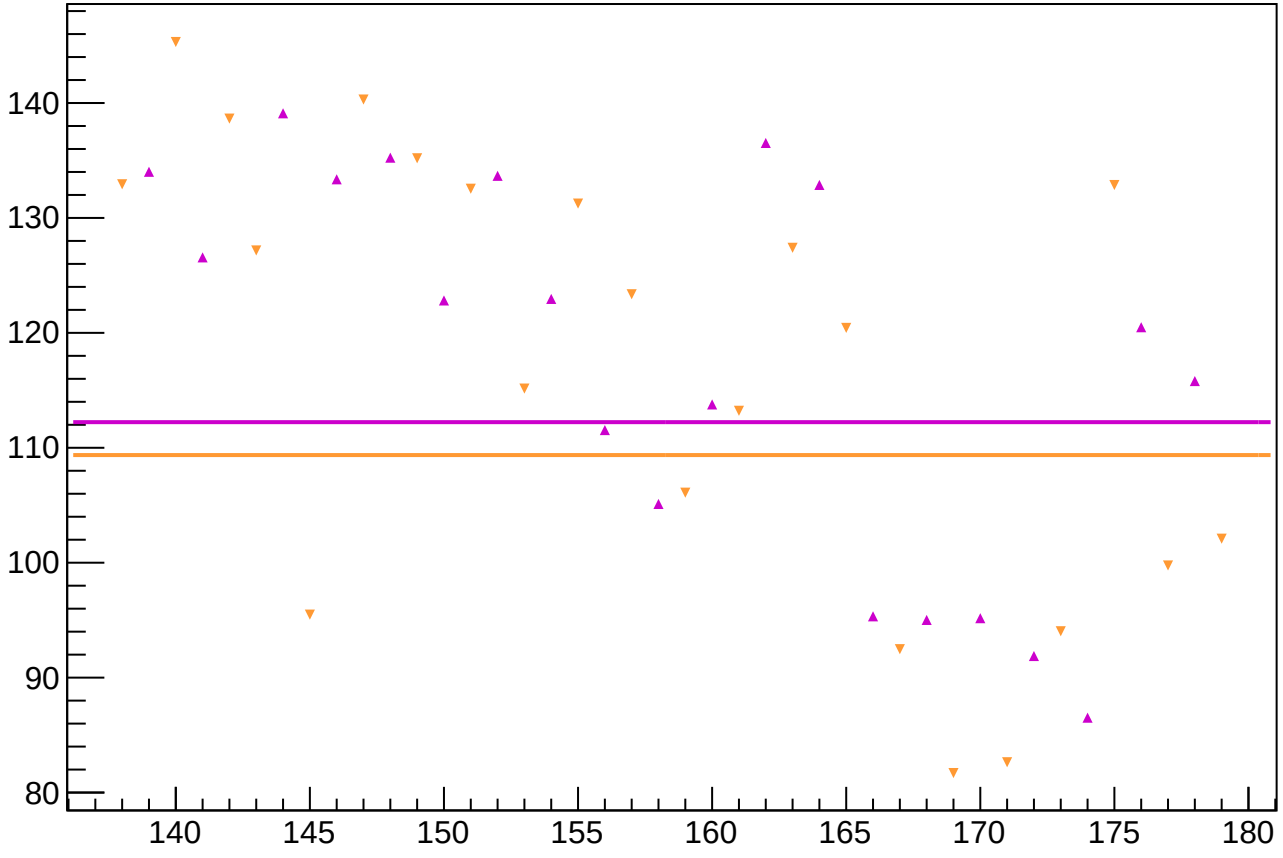
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 51.269+/-28.898 χ^2/NDF:15.8/19

Out: 21.639+/-27.434 χ^2/NDF:27.6/21

All: 35.684+/-19.896 χ^2/NDF: 43.9/41

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 109.366+/-0.019 χ^2/NDF:1037676.5/21

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

Left In: 112.230+/-0.020 χ^2/NDF:726372.1/19

Left: 110.724+/-0.014 χ^2/NDF: 1774379.7/41

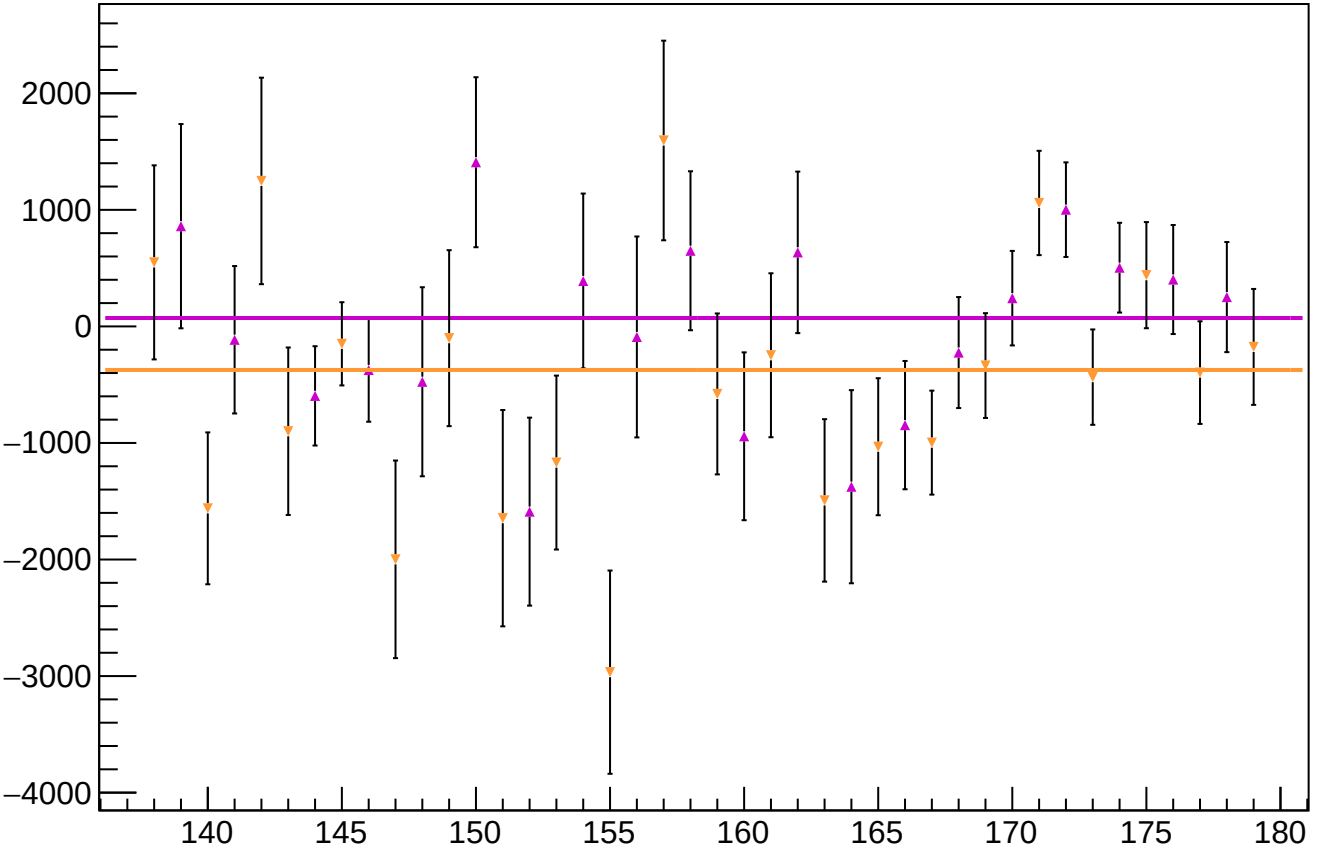
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 112.230+/-0.020 χ^2/NDF:726372.1/19

Out: 109.366+/-0.019 χ^2/NDF:1037676.5/21

All: 110.724+/-0.014 χ^2/NDF: 1774379.7/41

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -373.764+/-121.551 χ^2/NDF:49.3/21

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

Left In: 72.096+/-123.355 χ^2/NDF:29.5/19

Left: -154.119+/-86.580 χ^2/NDF: 85.5/41

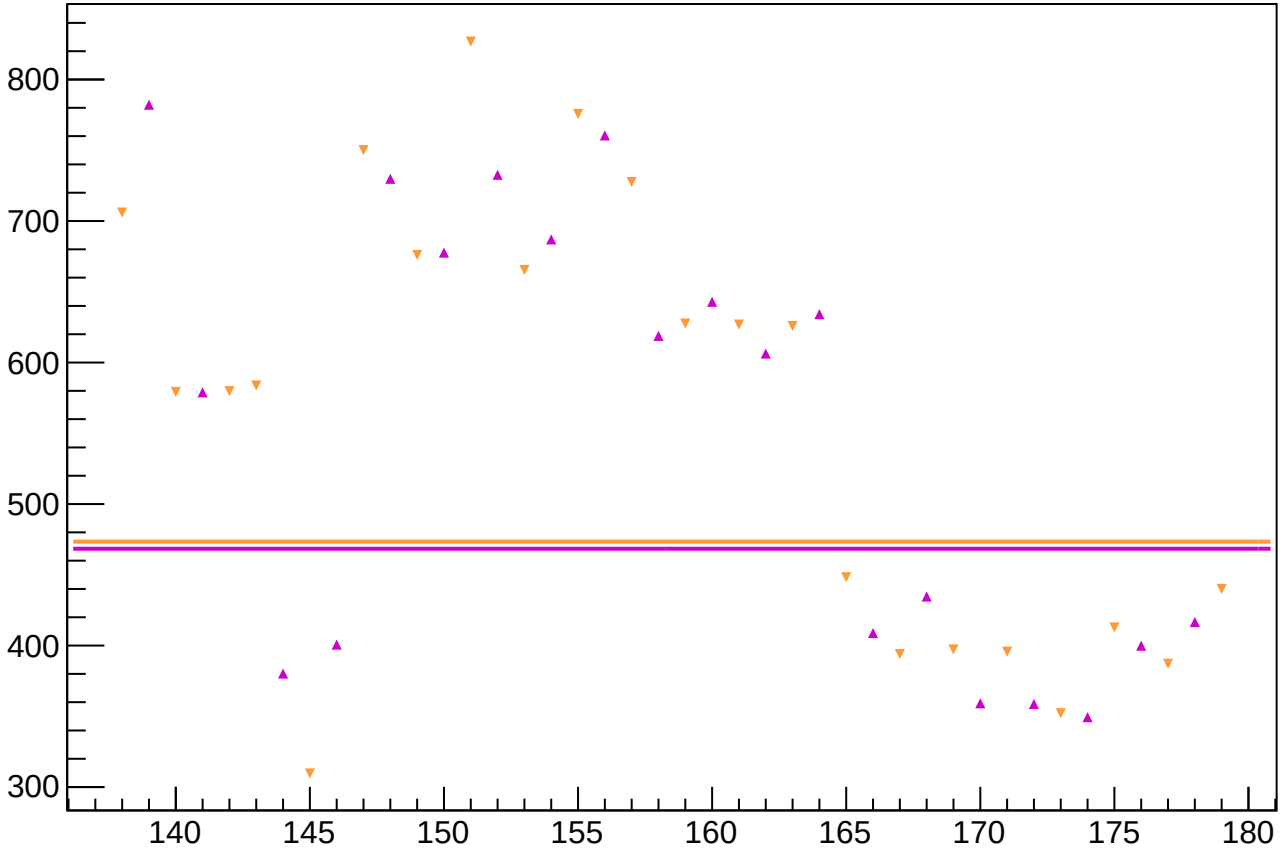
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 72.096+/-123.355 χ^2/NDF:29.5/19

Out: -373.764+/-121.551 χ^2/NDF:49.3/21

All: -154.119+/-86.580 χ^2/NDF: 85.5/41

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 473.446+/-0.086 χ^2/NDF:2673806.0/21

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

Left In: 468.444+/-0.087 χ^2/NDF:2393252.5/19

Left: 470.982+/-0.061 χ^2/NDF: 5068727.2/41

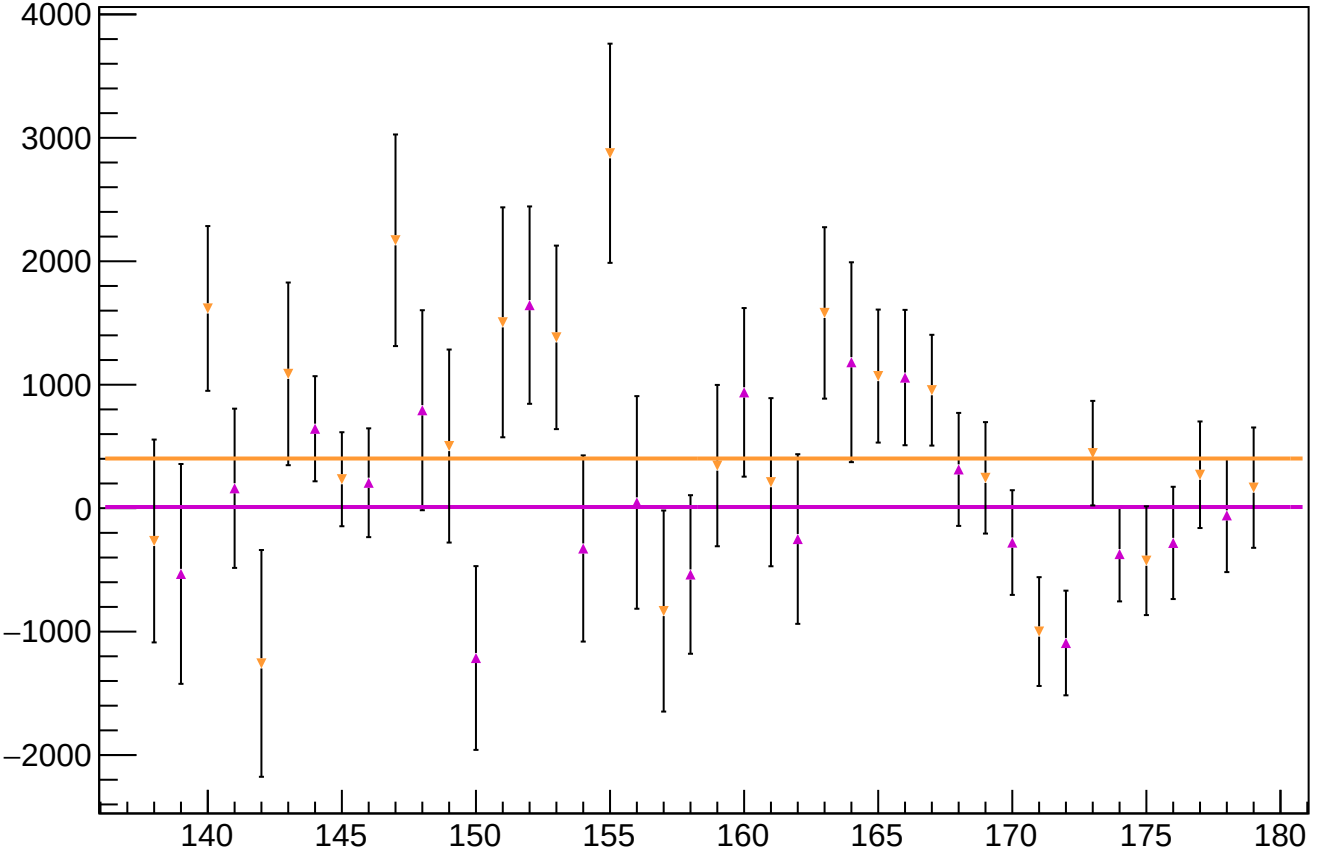
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 468.444+/-0.087 χ^2/NDF:2393252.5/19

Out: 473.446+/-0.086 χ^2/NDF:2673806.0/21

All: 470.982+/-0.061 χ^2/NDF: 5068727.2/41

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 402.254+/-121.520 χ^2/NDF:45.9/21

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

Left In: 9.360+/-122.966 χ^2/NDF:28.4/19

Left: 208.131+/-86.435 χ^2/NDF: 79.5/41

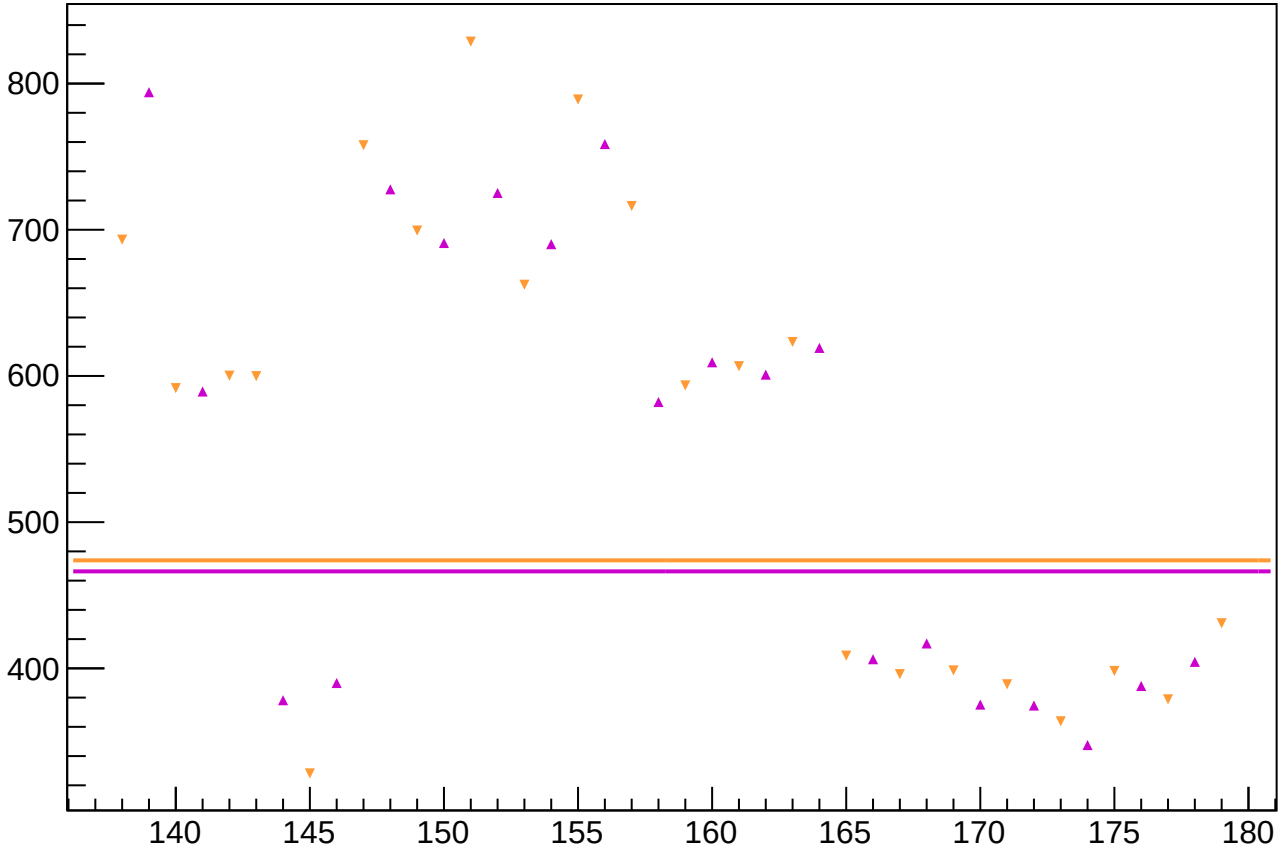
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9.360+/-122.966 χ^2/NDF:28.4/19

Out: 402.254+/-121.520 χ^2/NDF:45.9/21

All: 208.131+/-86.435 χ^2/NDF: 79.5/41

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 473.867+/-0.086 χ^2/NDF:2589283.8/21

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

Left In: 466.336+/-0.087 χ^2/NDF:2317501.1/19

Left: 470.146+/-0.061 χ^2/NDF: 4910580.4/41

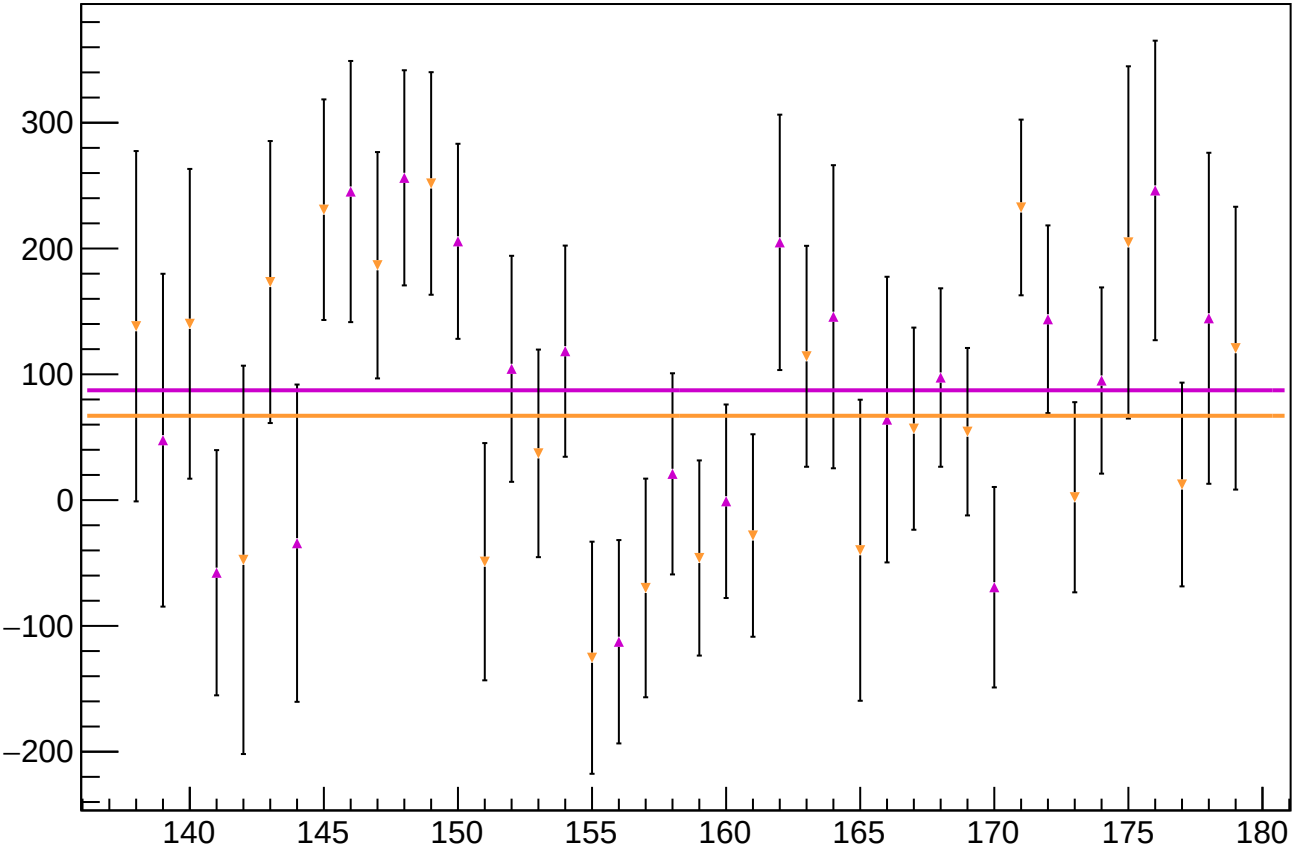
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 466.336+/-0.087 χ^2/NDF:2317501.1/19

Out: 473.867+/-0.086 χ^2/NDF:2589283.8/21

All: 470.146+/-0.061 χ^2/NDF: 4910580.4/41

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 67.041+/-19.270 χ^2/NDF:32.8/21

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

Left In: 87.298+/-20.180 χ^2/NDF:28.1/19

Left: 76.702+/-13.936 χ^2/NDF: 61.5/41

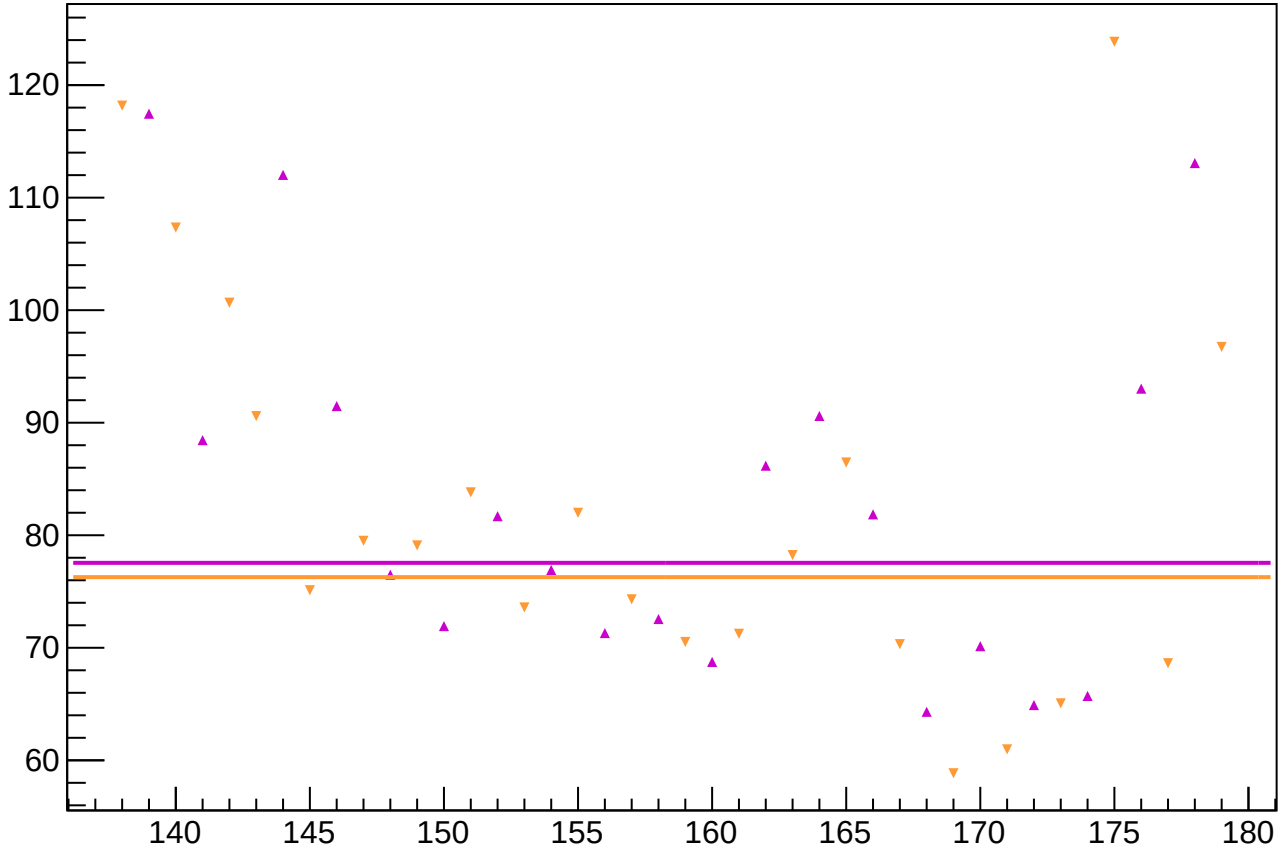
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 87.298+/-20.180 χ^2/NDF:28.1/19

Out: 67.041+/-19.270 χ^2/NDF:32.8/21

All: 76.702+/-13.936 χ^2/NDF: 61.5/41

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 76.276+/-0.014 χ^2/NDF:1056988.8/21

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

Left In: 77.548+/-0.014 χ^2/NDF:869460.0/19

Left: 76.883+/-0.010 χ^2/NDF: 1930607.0/41

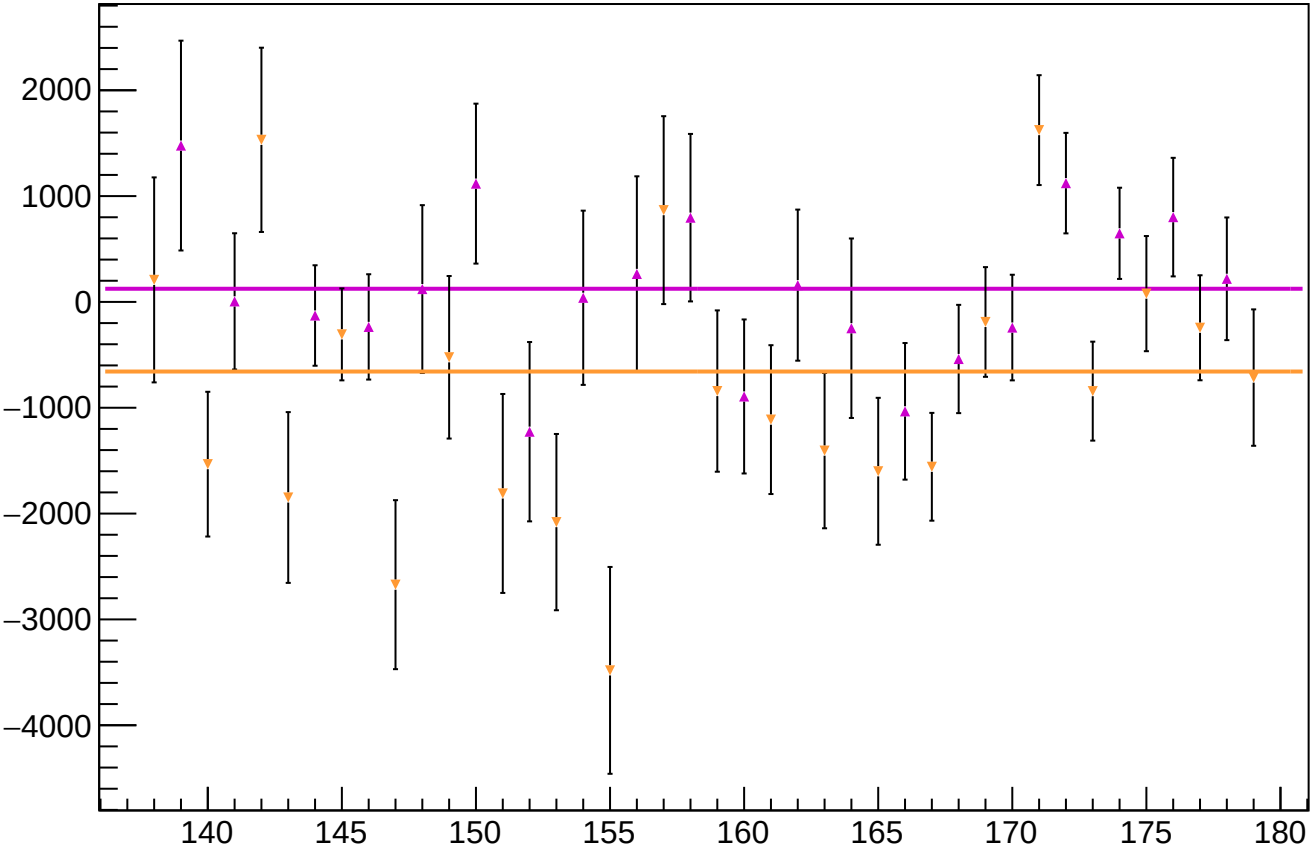
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 77.548+/-0.014 χ^2/NDF:869460.0/19

Out: 76.276+/-0.014 χ^2/NDF:1056988.8/21

All: 76.883+/-0.010 χ^2/NDF: 1930607.0/41

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -657.690+/-137.496 χ^2/NDF:63.0/21

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

Left In: 124.401+/-138.207 χ^2/NDF:22.7/19

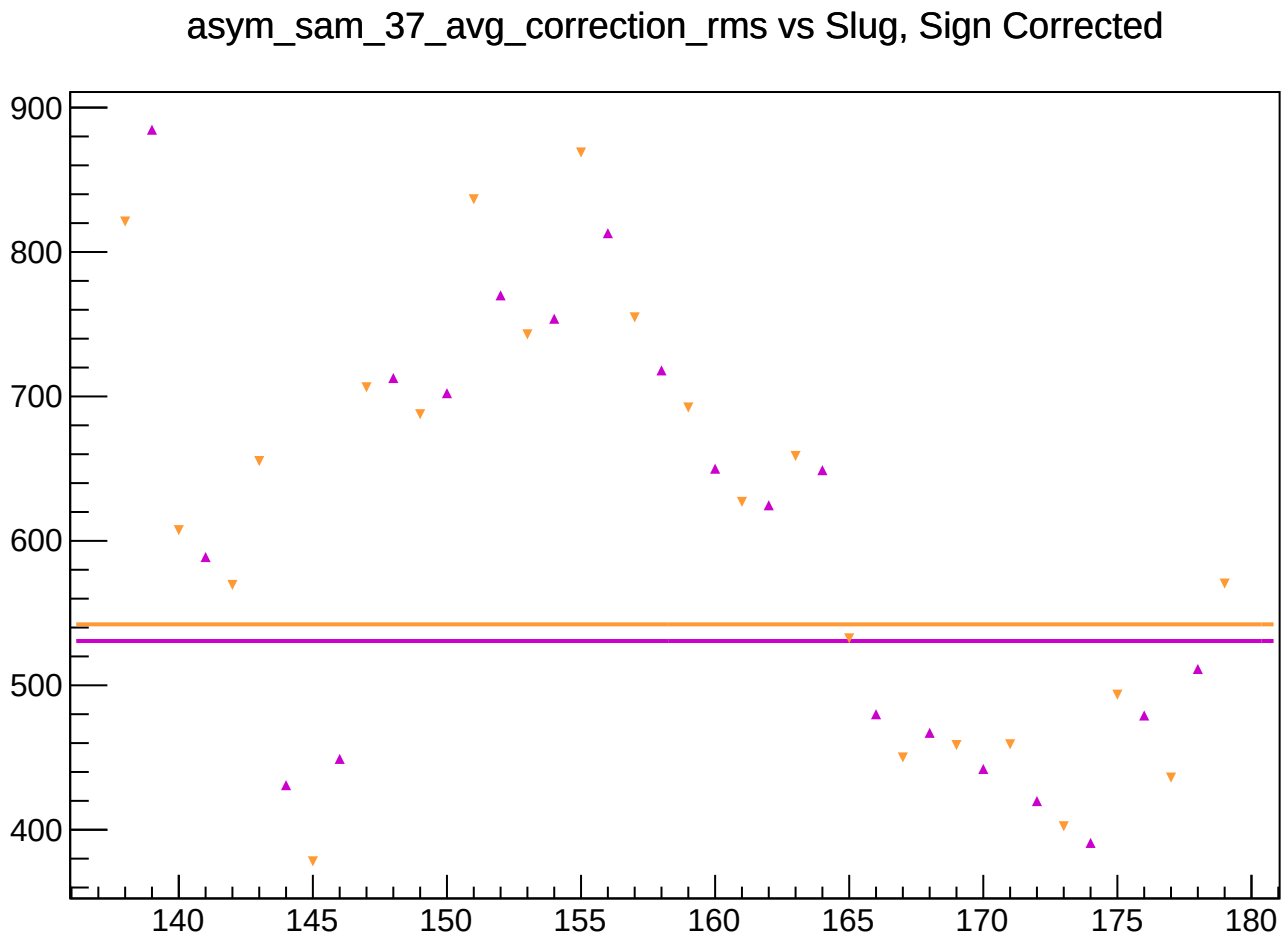
Left: -268.661+/-97.475 χ^2/NDF: 101.8/41

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 124.401+/-138.207 χ^2/NDF:22.7/19

Out: -657.690+/-137.496 χ^2/NDF:63.0/21

All: -268.661+/-97.475 χ^2/NDF: 101.8/41



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

Left Out: 542.207+/-0.097 χ^2/NDF:1933381.2/21

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

Left In: 530.674+/-0.098 χ^2/NDF:1800367.2/19

Left: 536.470+/-0.069 χ^2/NDF: 3740748.2/41

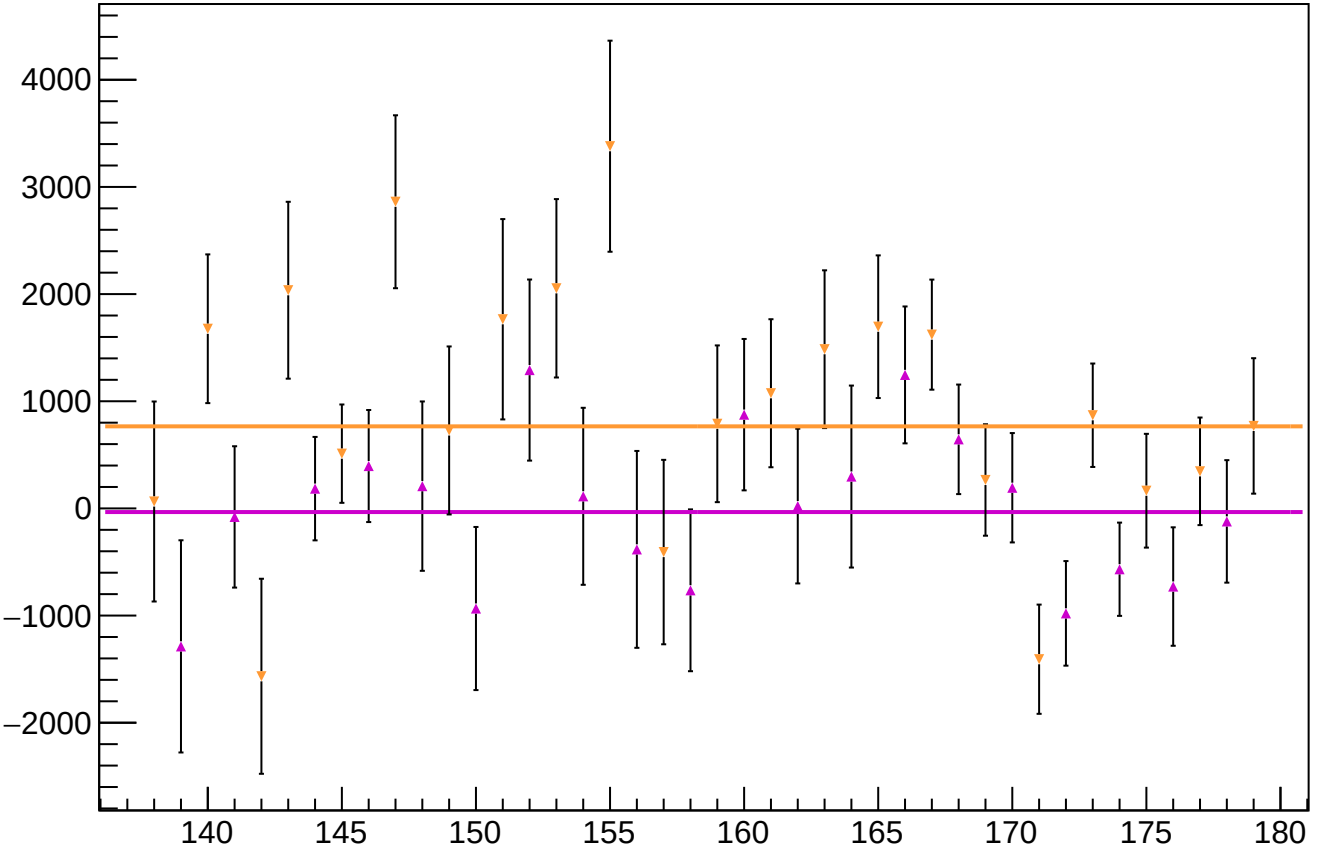
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 530.674+/-0.098 χ^2/NDF:1800367.2/19

Out: 542.207+/-0.097 χ^2/NDF:1933381.2/21

All: 536.470+/-0.069 χ^2/NDF: 3740748.2/41

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 765.731+/-138.012 χ^2/NDF:57.7/21

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

Left In: -34.043+/-139.154 χ^2/NDF:22.2/19

Left: 369.138+/-97.991 χ^2/NDF: 96.6/41

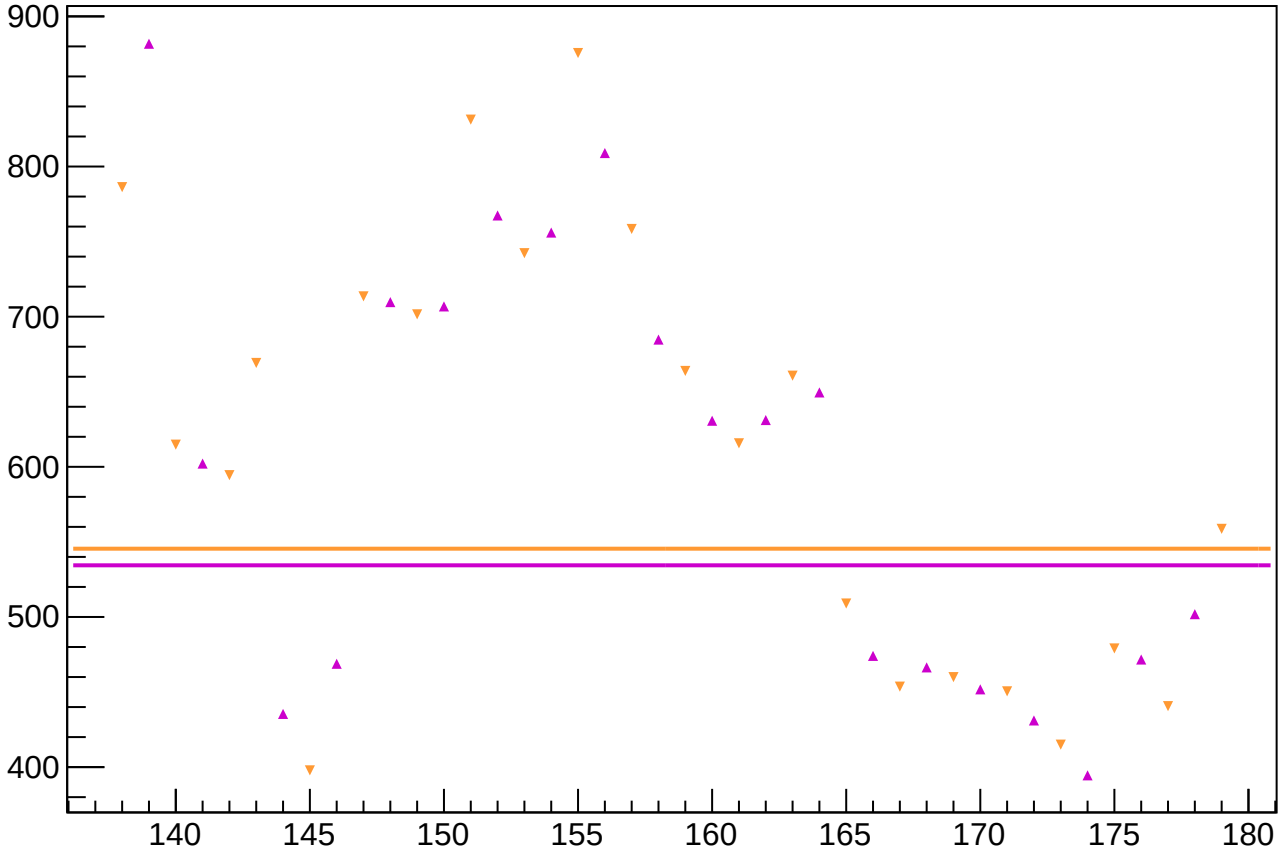
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.043+/-139.154 χ^2/NDF:22.2/19

Out: 765.731+/-138.012 χ^2/NDF:57.7/21

All: 369.138+/-97.991 χ^2/NDF: 96.6/41

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 545.477+/-0.098 χ^2/NDF:1804192.5/21

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

Left In: 534.404+/-0.098 χ^2/NDF:1681980.2/19

Left: 539.986+/-0.069 χ^2/NDF: 3492555.7/41

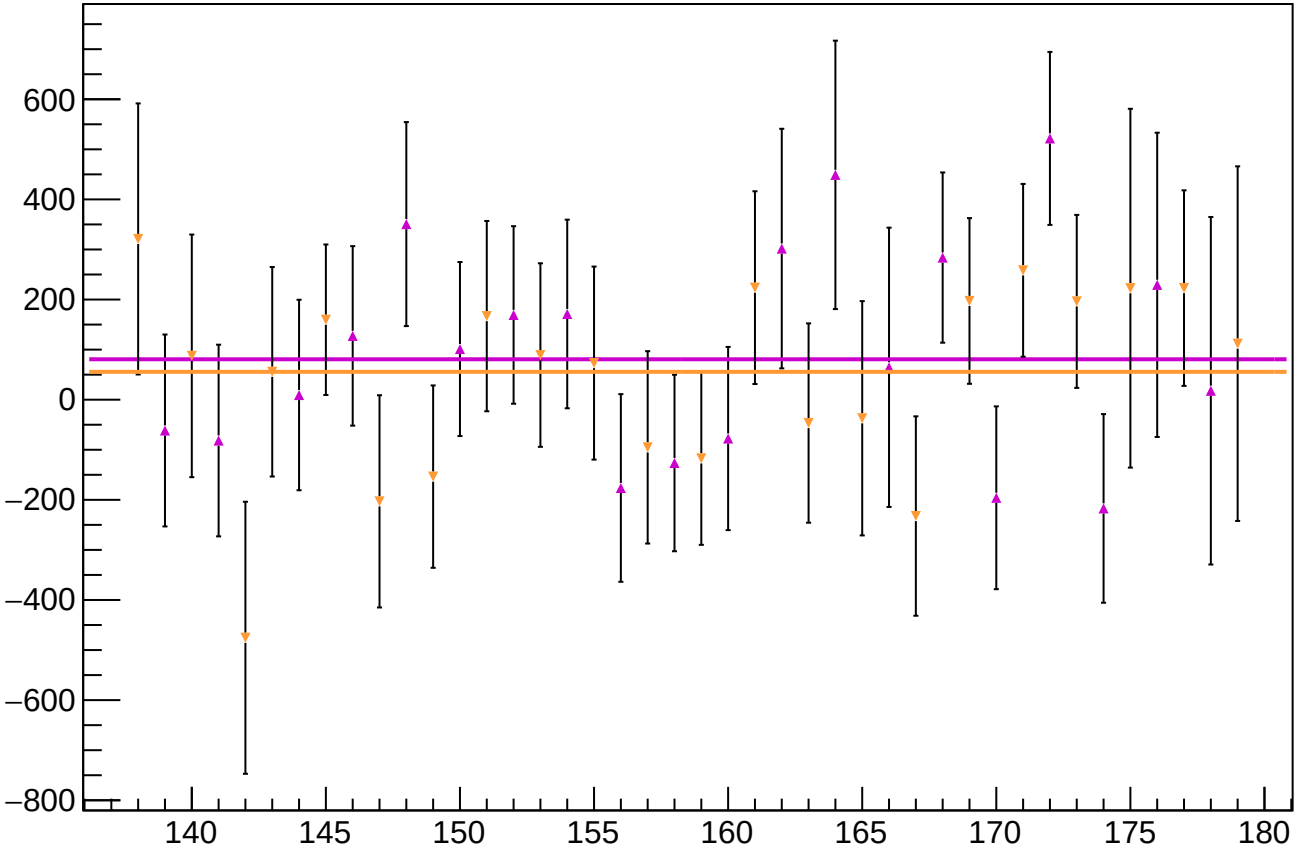
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 534.404+/-0.098 χ^2/NDF:1681980.2/19

Out: 545.477+/-0.098 χ^2/NDF:1804192.5/21

All: 539.986+/-0.069 χ^2/NDF: 3492555.7/41

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 55.622+/-42.635 χ^2/NDF:17.1/21

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

Left In: 80.726+/-44.249 χ^2/NDF:23.5/19

Left: 67.708+/-30.702 χ^2/NDF: 40.8/41

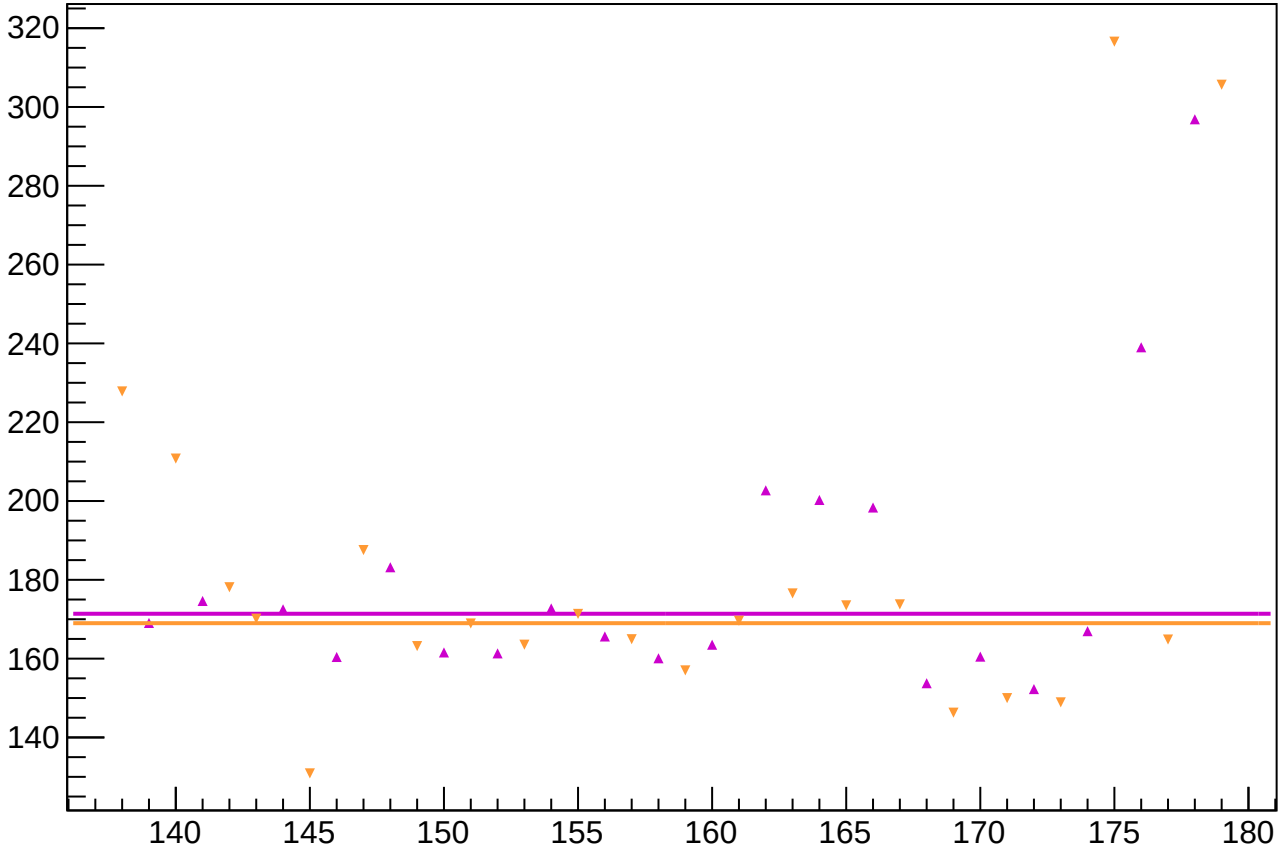
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 80.726+/-44.249 χ^2/NDF:23.5/19

Out: 55.622+/-42.635 χ^2/NDF:17.1/21

All: 67.708+/-30.702 χ^2/NDF: 40.8/41

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 168.998+/-0.030 χ^2/NDF:1046737.3/21

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

Left In: 171.389+/-0.031 χ^2/NDF:532866.1/19

Left: 170.149+/-0.022 χ^2/NDF: 1582630.8/41

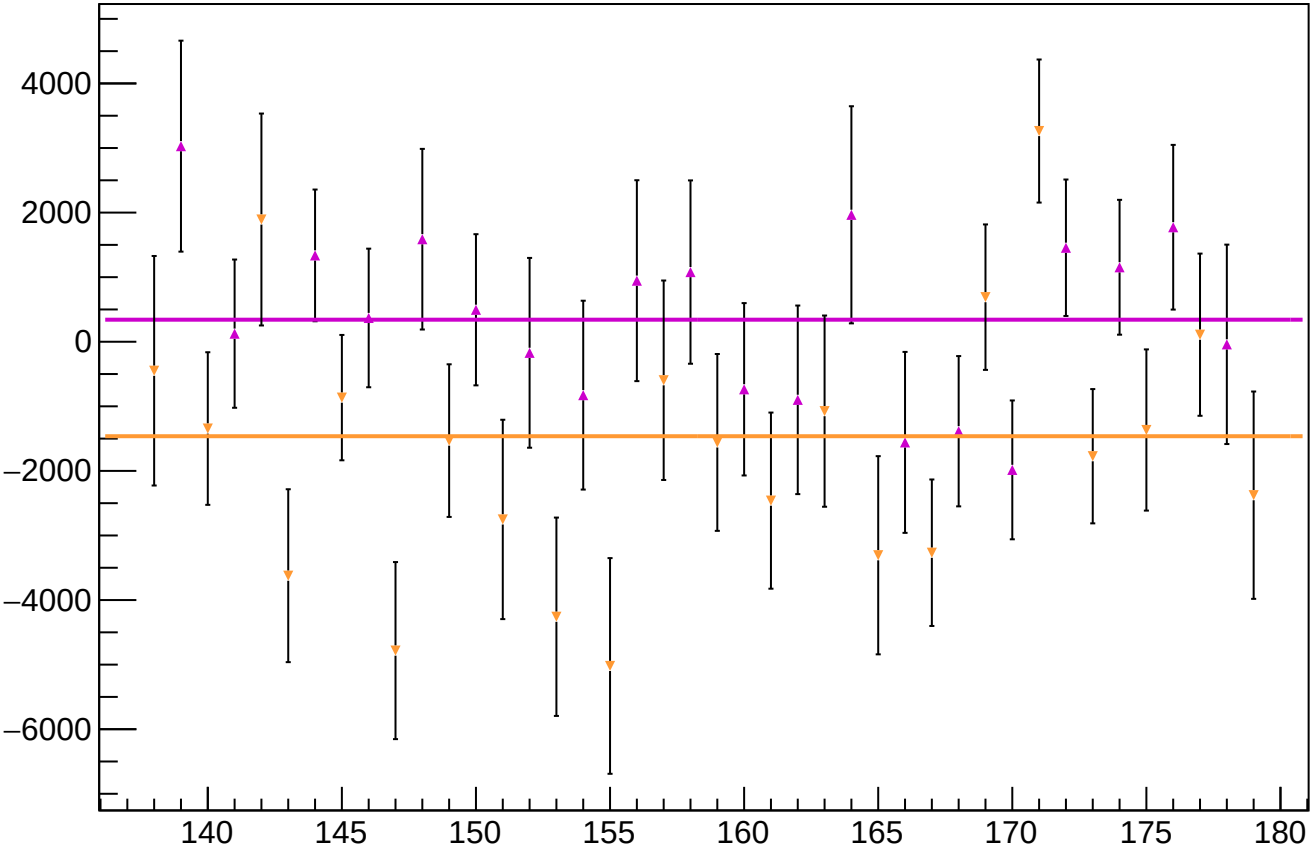
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 171.389+/-0.031 χ^2/NDF:532866.1/19

Out: 168.998+/-0.030 χ^2/NDF:1046737.3/21

All: 170.149+/-0.022 χ^2/NDF: 1582630.8/41

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1462.963+/-279.352 χ^2/NDF:50.7/21

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

Left In: 341.464+/-284.093 χ^2/NDF:19.8/19

Left: -575.931+/-199.187 χ^2/NDF: 90.9/41

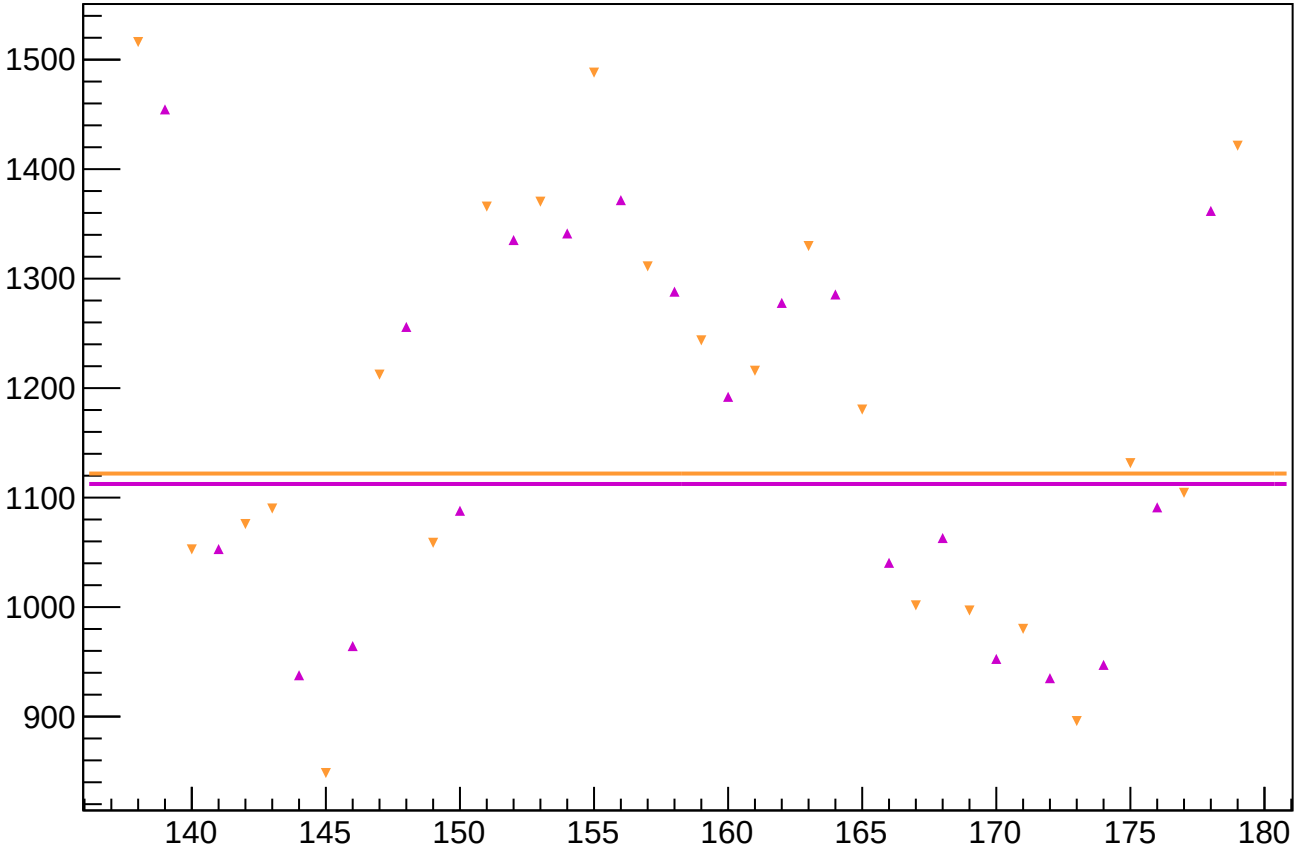
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 341.464+/-284.093 χ^2/NDF:19.8/19

Out: -1462.963+/-279.352 χ^2/NDF:50.7/21

All: -575.931+/-199.187 χ^2/NDF: 90.9/41

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1121.971+/-0.198 χ^2/NDF:821740.2/21

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

Left In: 1112.437+/-0.201 χ^2/NDF:659117.6/19

Left: 1117.284+/-0.141 χ^2/NDF: 1482002.9/41

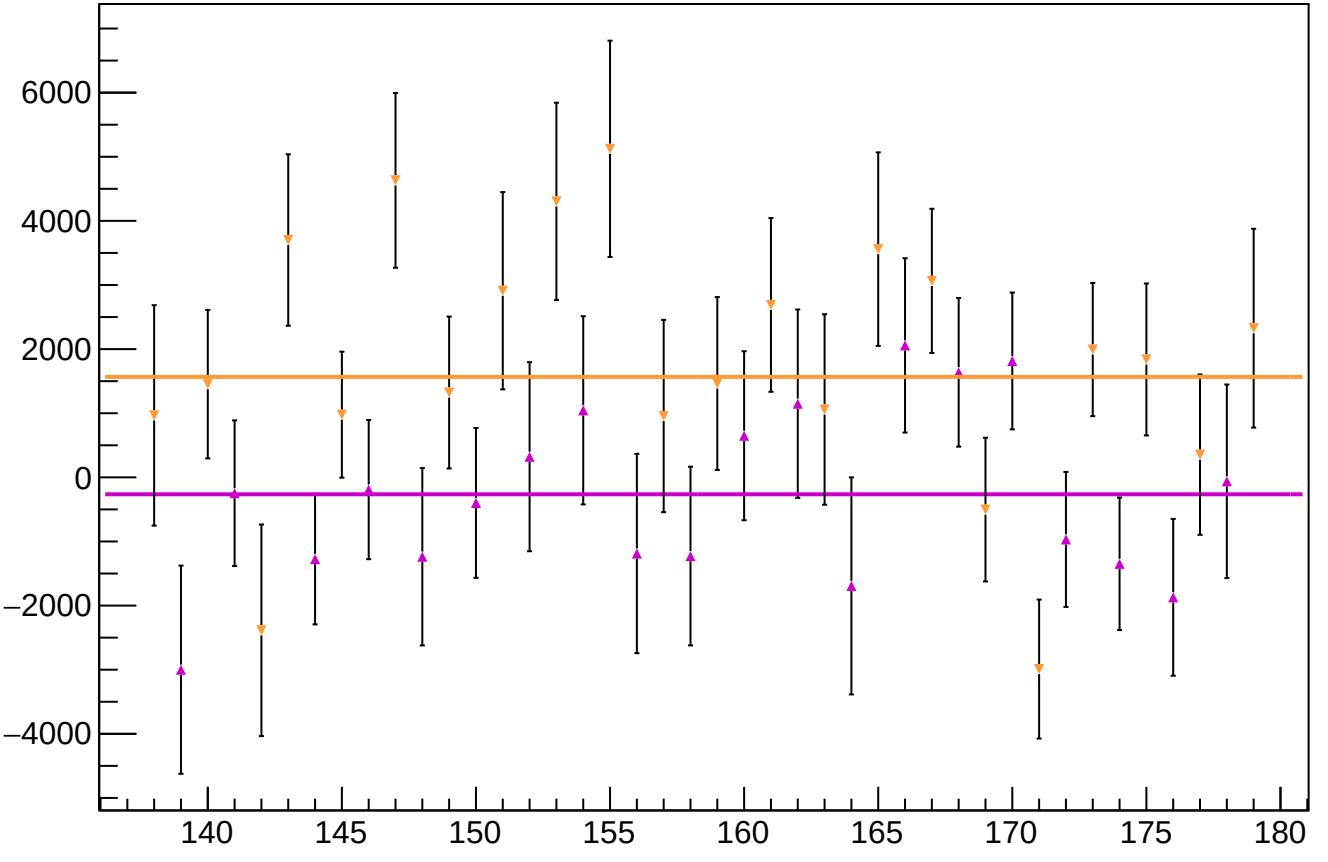
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1112.437+/-0.201 χ^2/NDF:659117.6/19

Out: 1121.971+/-0.198 χ^2/NDF:821740.2/21

All: 1117.284+/-0.141 χ^2/NDF: 1482002.9/41

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 1567.312+/-276.725 χ^2/NDF:49.2/21

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

Left In: -264.182+/-282.021 χ^2/NDF:20.9/19

Left: 668.924+/-197.520 χ^2/NDF: 91.7/41

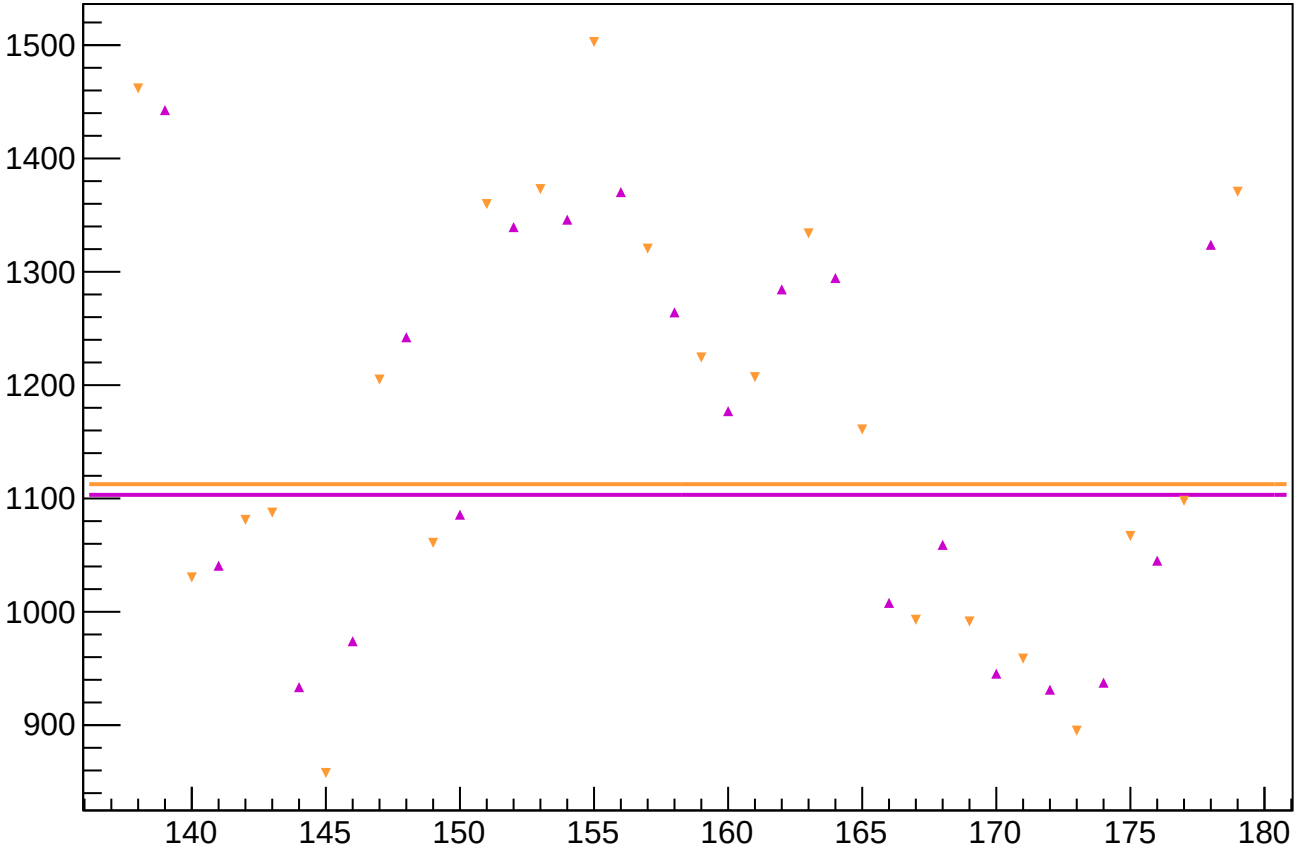
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -264.182+/-282.021 χ^2/NDF:20.9/19

Out: 1567.312+/-276.725 χ^2/NDF:49.2/21

All: 668.924+/-197.520 χ^2/NDF: 91.7/41

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1112.616+/-0.196 χ^2/NDF:798287.1/21

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

Left In: 1103.203+/-0.199 χ^2/NDF:660601.3/19

Left: 1107.999+/-0.140 χ^2/NDF: 1460023.7/41

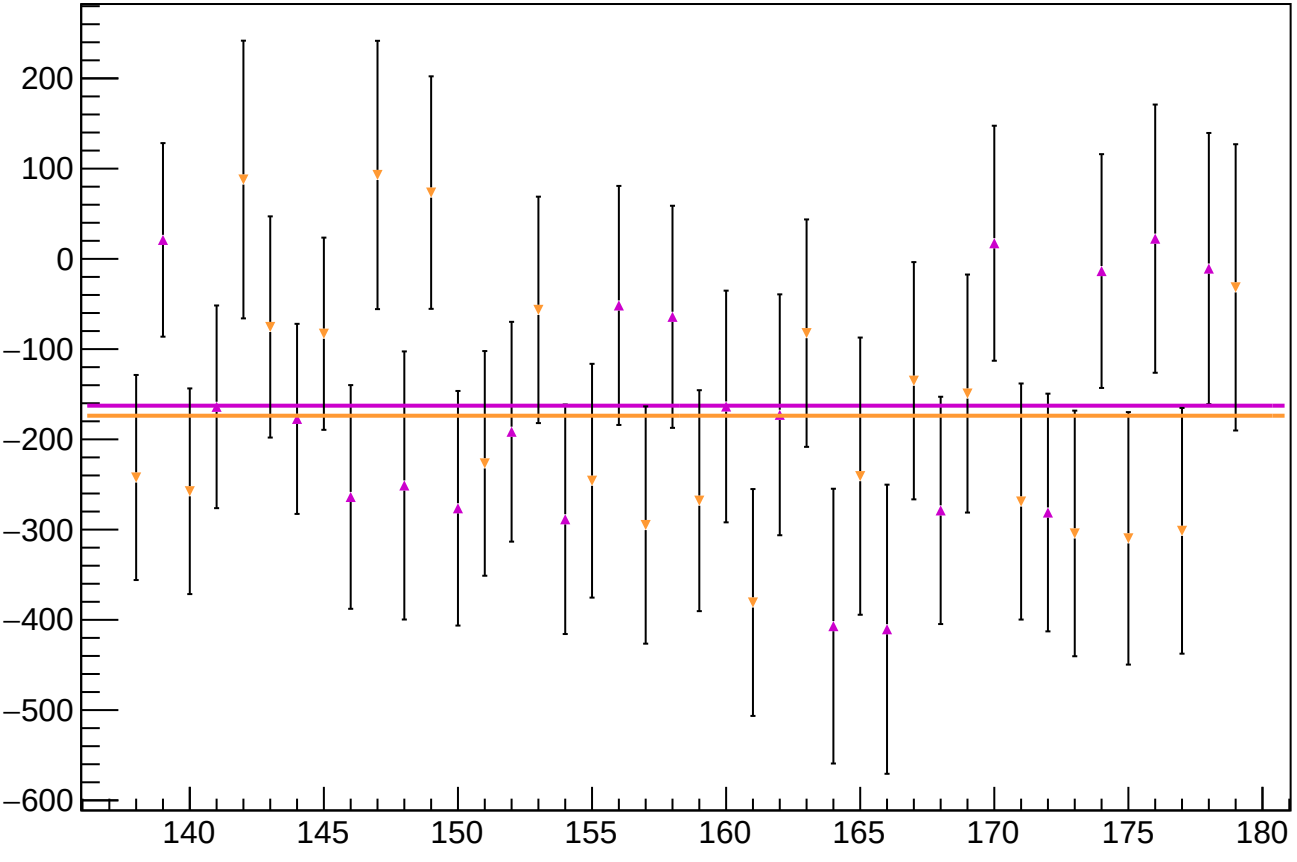
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1103.203+/-0.199 χ^2/NDF:660601.3/19

Out: 1112.616+/-0.196 χ^2/NDF:798287.1/21

All: 1107.999+/-0.140 χ^2/NDF: 1460023.7/41

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -173.803+/-27.624 χ^2/NDF:22.5/21

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

Left In: -162.680+/-28.794 χ^2/NDF:19.6/19

Left: -168.472+/-19.934 χ^2/NDF: 42.1/41

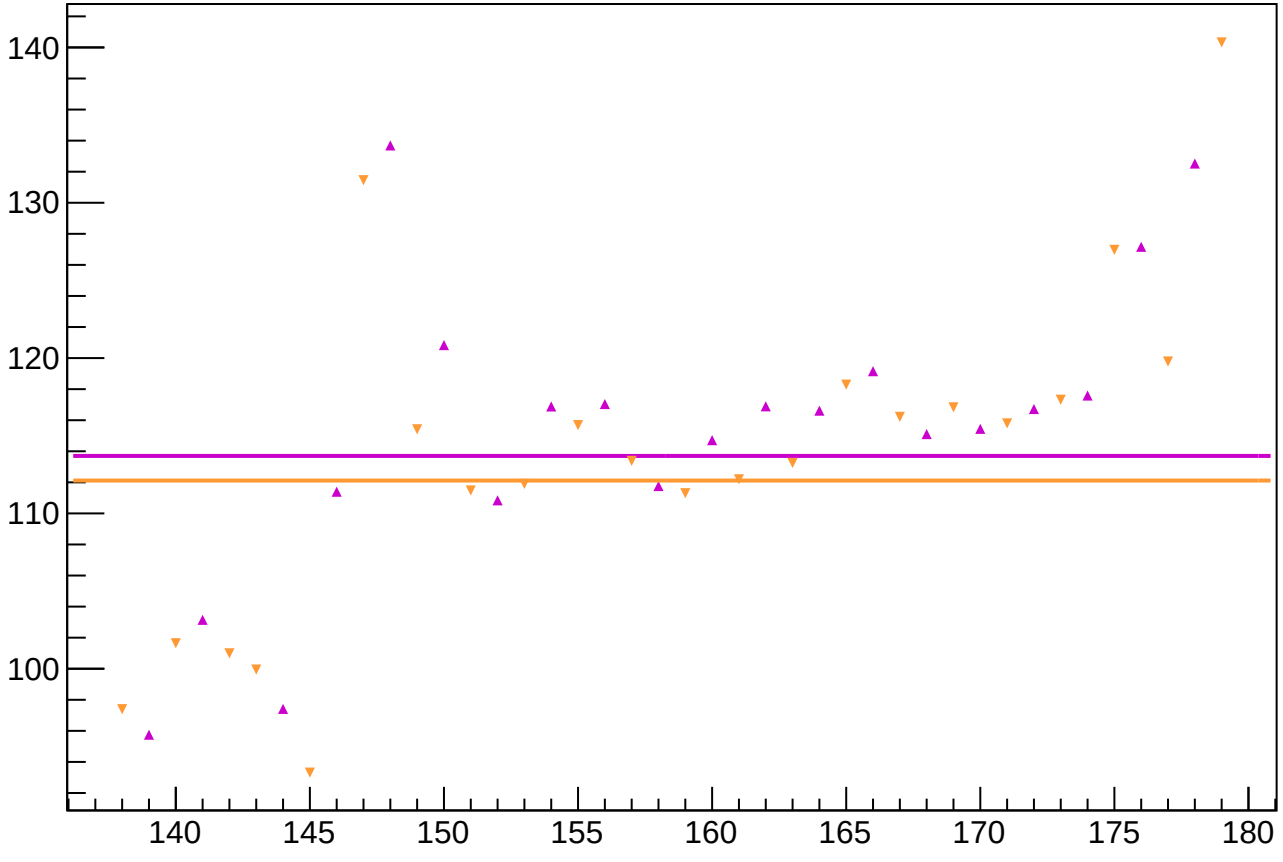
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -162.680+/-28.794 χ^2/NDF:19.6/19

Out: -173.803+/-27.624 χ^2/NDF:22.5/21

All: -168.472+/-19.934 χ^2/NDF: 42.1/41

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 112.116+/-0.020 χ^2/NDF:284547.7/21

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

Left In: 113.701+/-0.020 χ^2/NDF:224149.9/19

Left: 112.876+/-0.014 χ^2/NDF: 511852.0/41

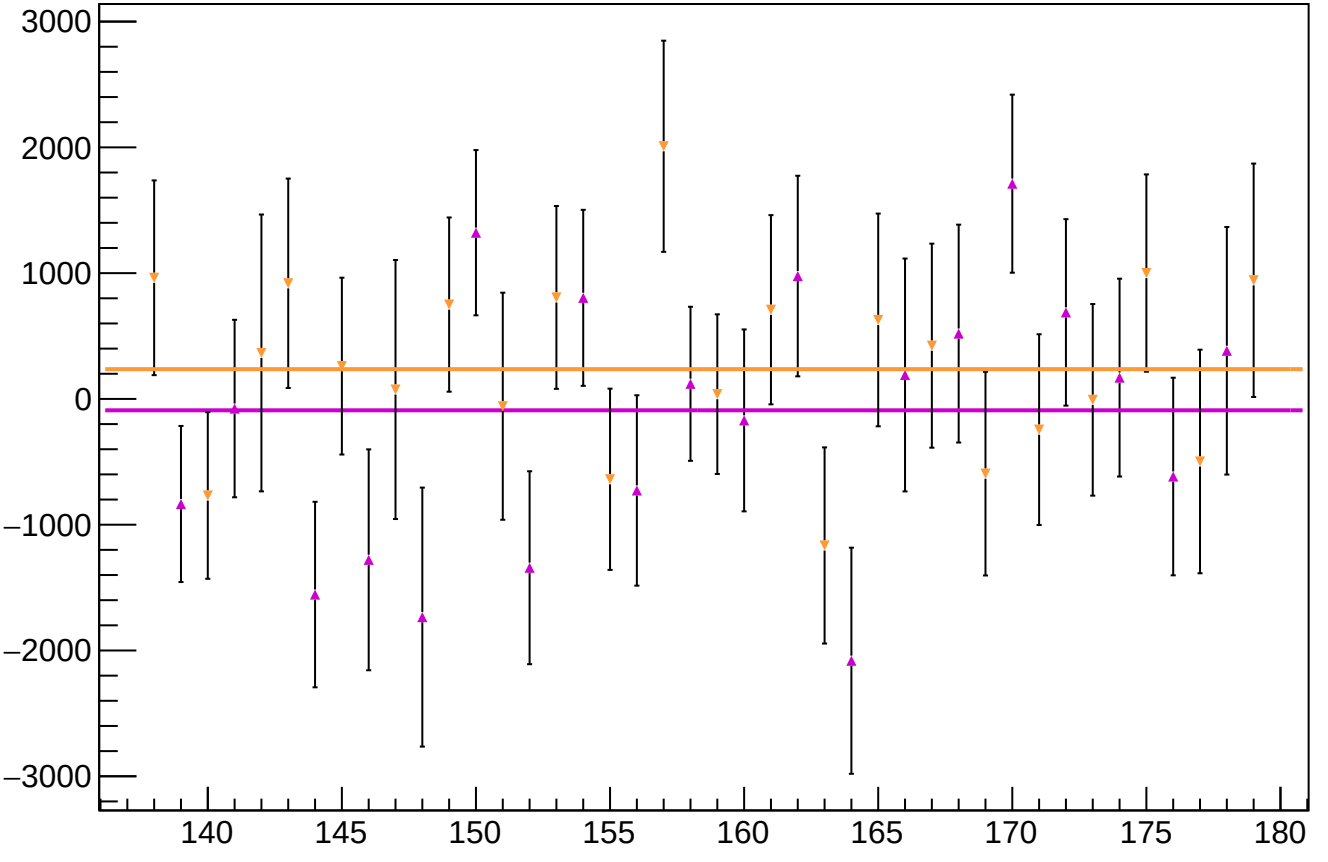
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 113.701+/-0.020 χ^2/NDF:224149.9/19

Out: 112.116+/-0.020 χ^2/NDF:284547.7/21

All: 112.876+/-0.014 χ^2/NDF: 511852.0/41

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 236.734+/-167.619 χ^2/NDF:18.9/21

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

Left In: -90.505+/-170.334 χ^2/NDF:35.2/19

Left: 75.743+/-119.473 χ^2/NDF: 55.9/41

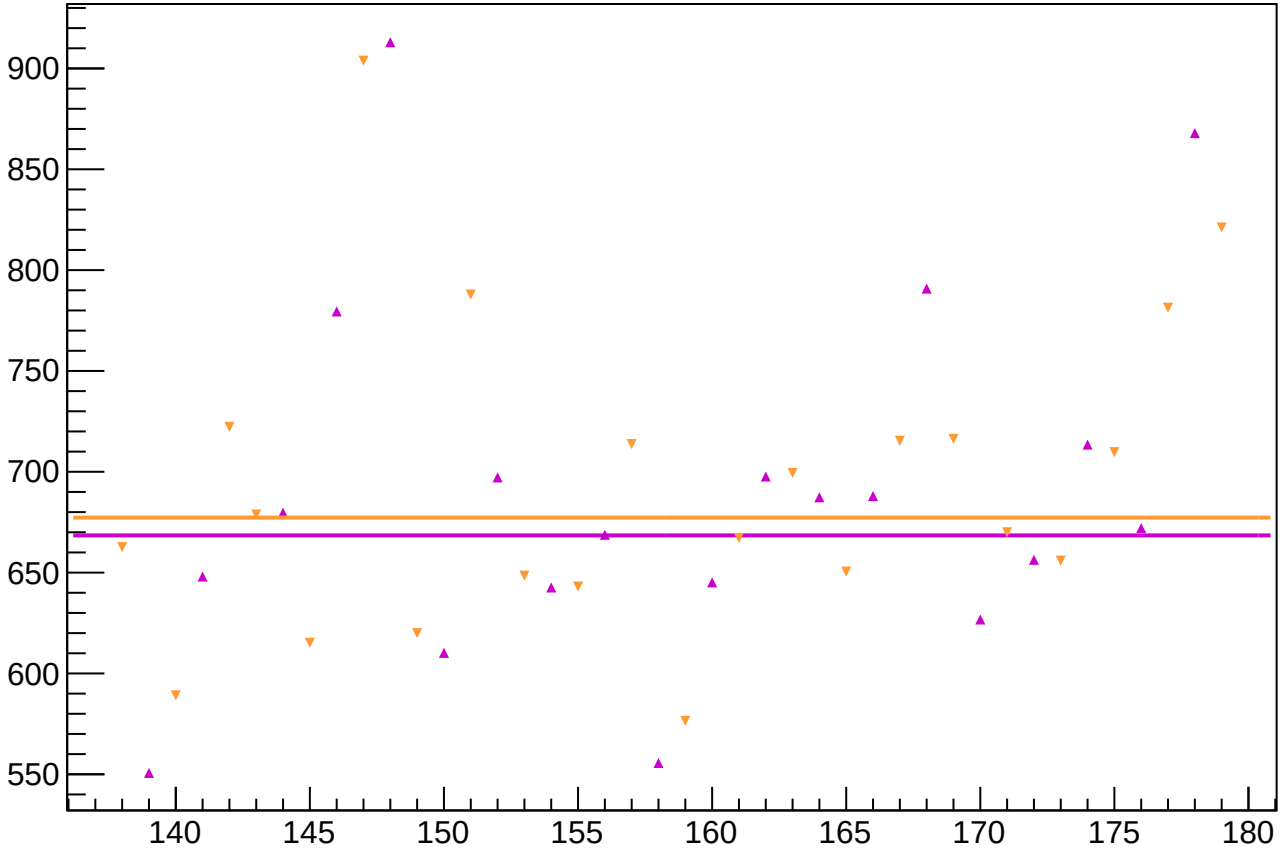
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -90.505+/-170.334 χ^2/NDF:35.2/19

Out: 236.734+/-167.619 χ^2/NDF:18.9/21

All: 75.743+/-119.473 χ^2/NDF: 55.9/41

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 677.270+/-0.119 χ^2/NDF:351188.7/21

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

Left In: 668.453+/-0.120 χ^2/NDF:450981.0/19

Left: 672.932+/-0.084 χ^2/NDF: 804892.3/41

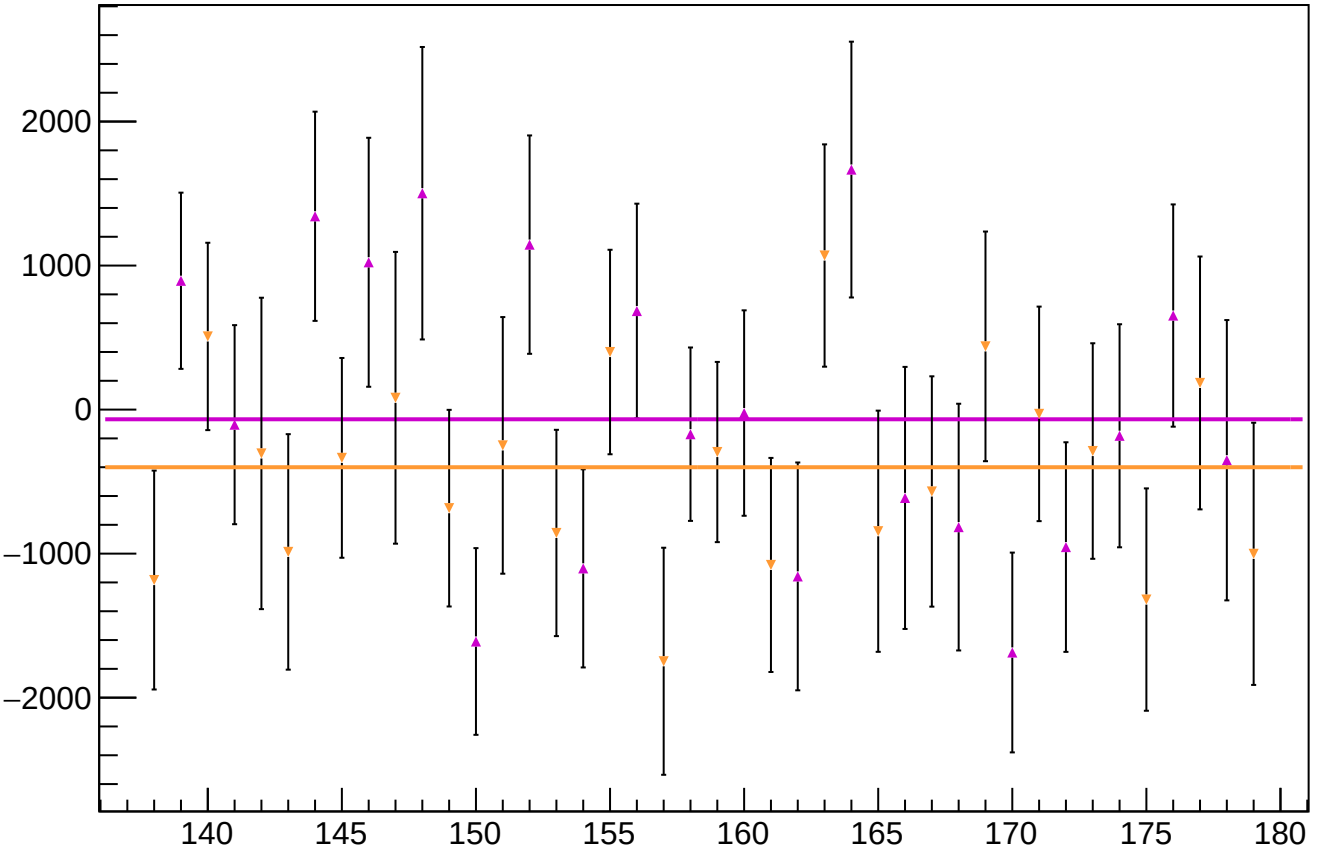
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 668.453+/-0.120 χ^2/NDF:450981.0/19

Out: 677.270+/-0.119 χ^2/NDF:351188.7/21

All: 672.932+/-0.084 χ^2/NDF: 804892.3/41

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -400.129+/-164.779 χ^2/NDF:17.1/21

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

Left In: -67.234+/-167.749 χ^2/NDF:36.5/19

Left: -236.654+/-117.552 χ^2/NDF: 55.6/41

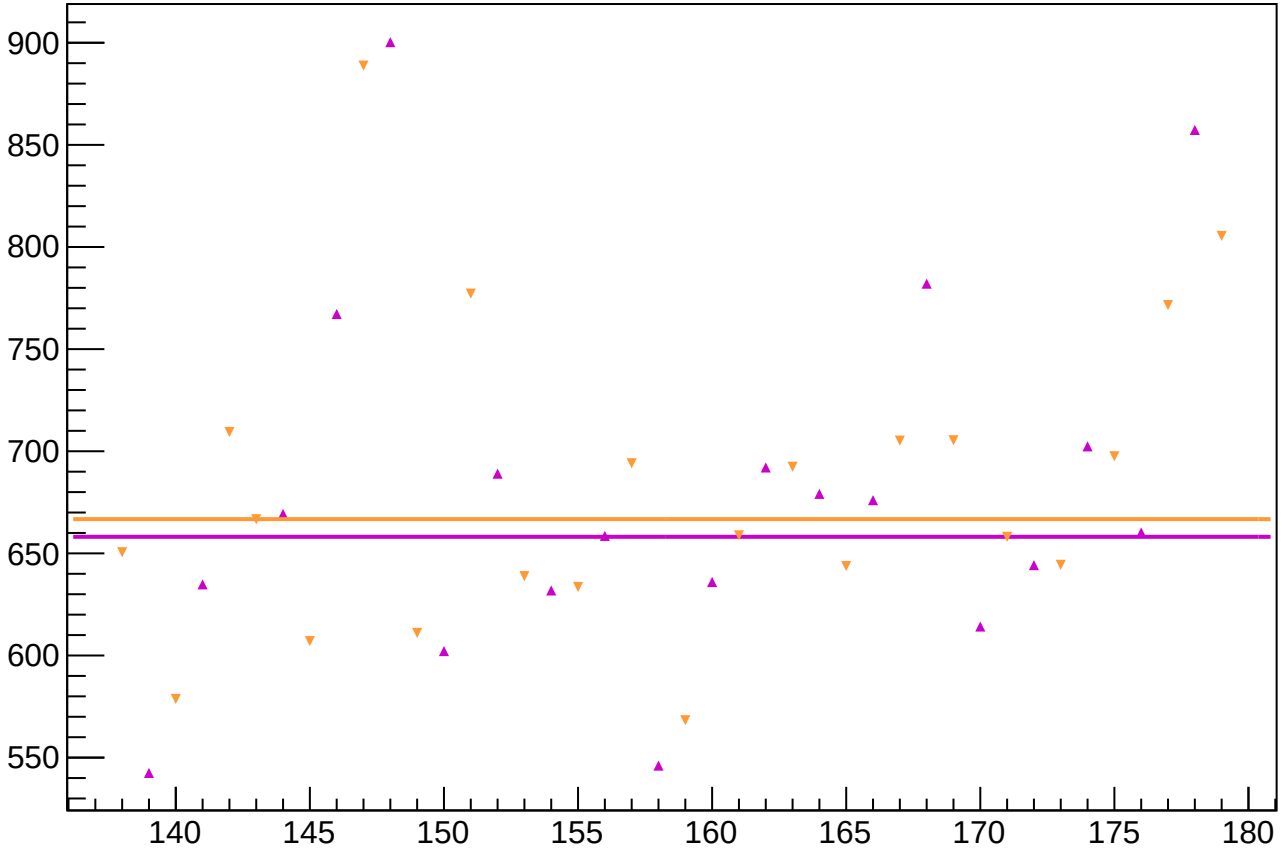
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -67.234+/-167.749 χ^2/NDF:36.5/19

Out: -400.129+/-164.779 χ^2/NDF:17.1/21

All: -236.654+/-117.552 χ^2/NDF: 55.6/41

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 666.772+/-0.117 χ^2/NDF:348434.1/21

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

Left In: 658.108+/-0.119 χ^2/NDF:458701.2/19

Left: 662.517+/-0.083 χ^2/NDF: 809850.9/41

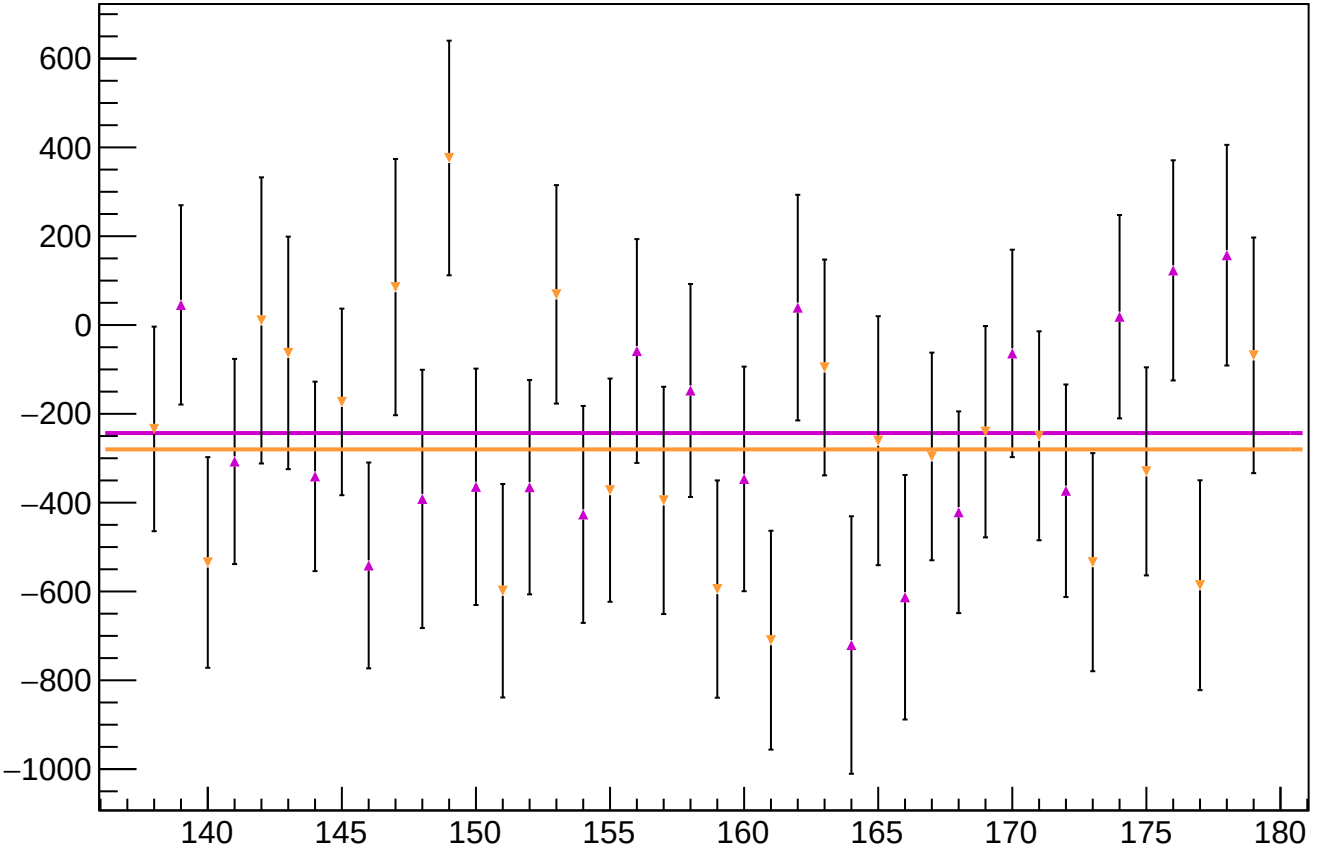
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 658.108+/-0.119 χ^2/NDF:458701.2/19

Out: 666.772+/-0.117 χ^2/NDF:348434.1/21

All: 662.517+/-0.083 χ^2/NDF: 809850.9/41

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -280.035+/-52.808 χ^2/NDF:23.6/21

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

Left In: -243.249+/-54.625 χ^2/NDF:19.1/19

Left: -262.264+/-37.967 χ^2/NDF: 42.9/41

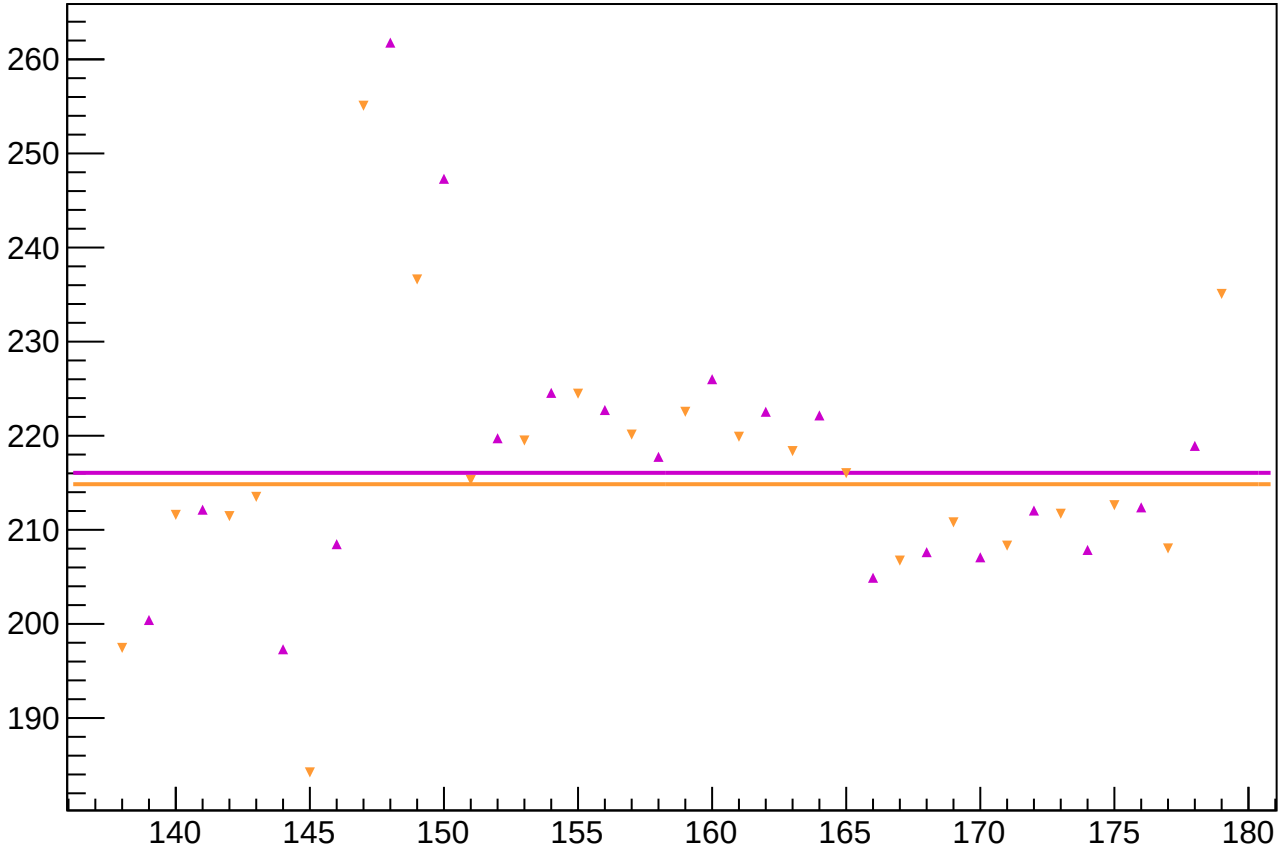
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -243.249+/-54.625 χ^2/NDF:19.1/19

Out: -280.035+/-52.808 χ^2/NDF:23.6/21

All: -262.264+/-37.967 χ^2/NDF: 42.9/41

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 214.849+/-0.037 χ^2/NDF:133118.9/21

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

Left In: 216.057+/-0.039 χ^2/NDF:127386.4/19

Left: 215.432+/-0.027 χ^2/NDF: 261010.9/41

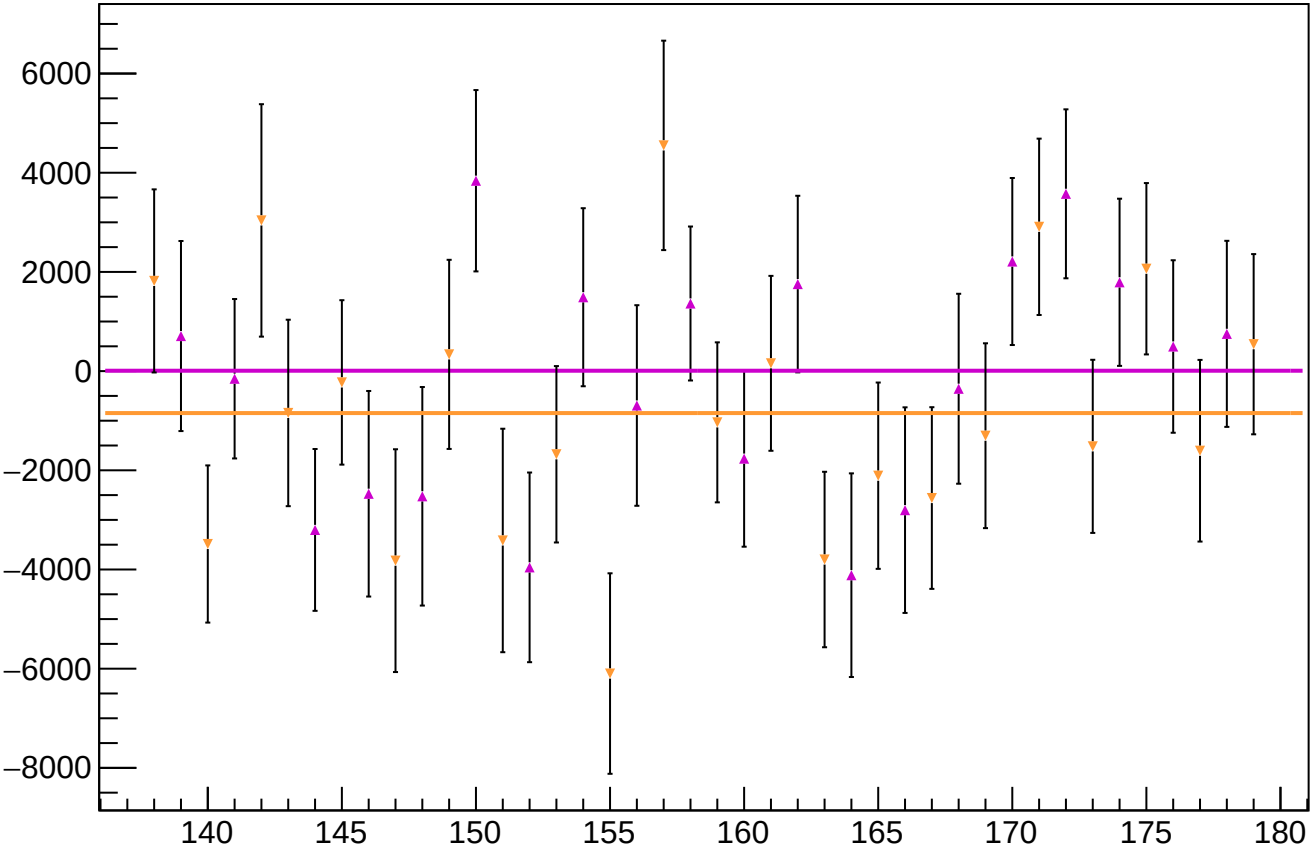
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 216.057+/-0.039 χ^2/NDF:127386.4/19

Out: 214.849+/-0.037 χ^2/NDF:133118.9/21

All: 215.432+/-0.027 χ^2/NDF: 261010.9/41

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -845.947+/-393.693 χ^2/NDF:37.4/21

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

Left In: 7.821+/-406.352 χ^2/NDF:32.3/19

Left: -432.568+/-282.752 χ^2/NDF: 72.0/41

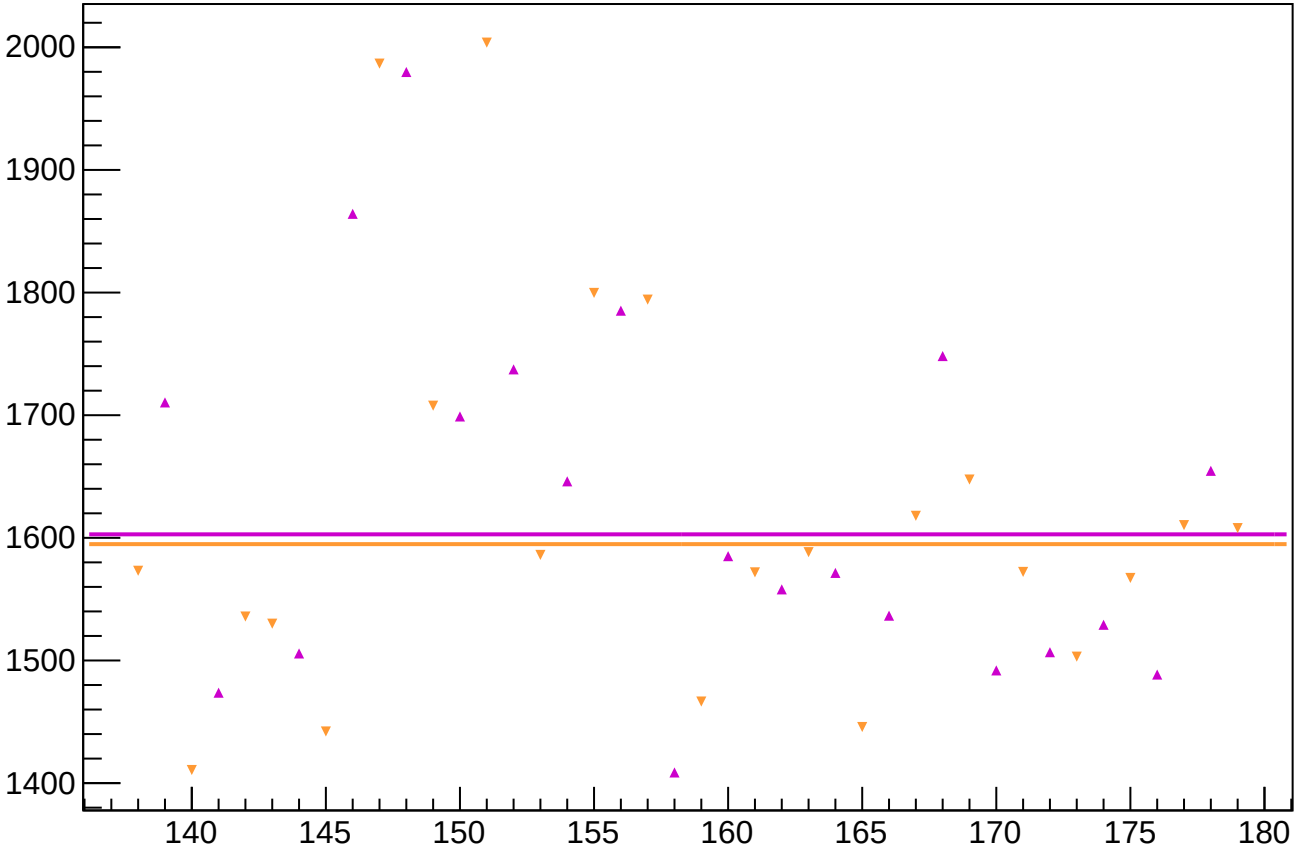
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.821+/-406.352 χ^2/NDF:32.3/19

Out: -845.947+/-393.693 χ^2/NDF:37.4/21

All: -432.568+/-282.752 χ^2/NDF: 72.0/41

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1594.868+/-0.278 χ^2/NDF:254265.8/21

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

Left In: 1602.861+/-0.287 χ^2/NDF:225372.1/19

Left: 1598.738+/-0.200 χ^2/NDF: 480037.1/41

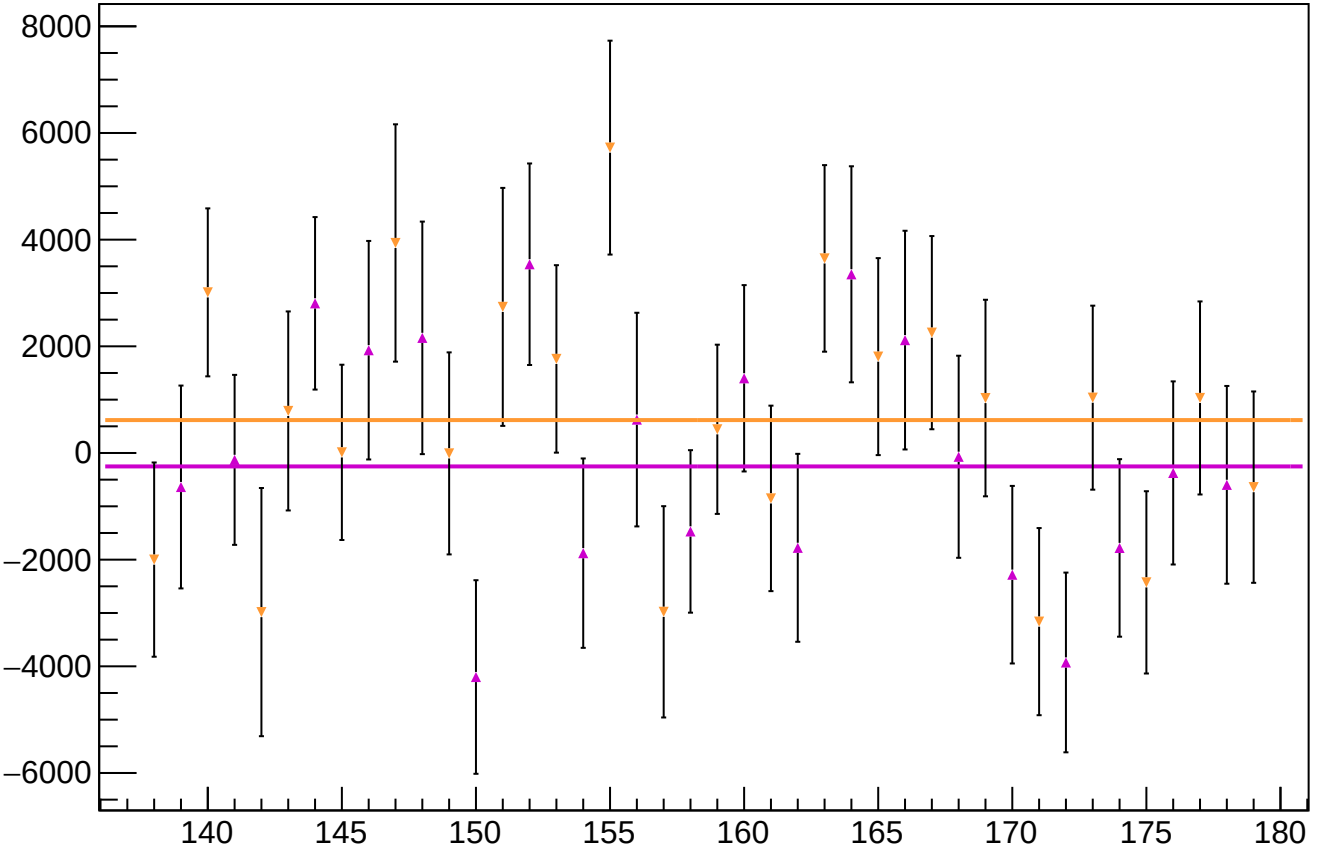
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1602.861+/-0.287 χ^2/NDF:225372.1/19

Out: 1594.868+/-0.278 χ^2/NDF:254265.8/21

All: 1598.738+/-0.200 χ^2/NDF: 480037.1/41

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 616.912+/-388.579 χ^2/NDF:33.8/21

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

Left In: -251.955+/-401.723 χ^2/NDF:29.7/19

Left: 196.925+/-279.298 χ^2/NDF: 65.9/41

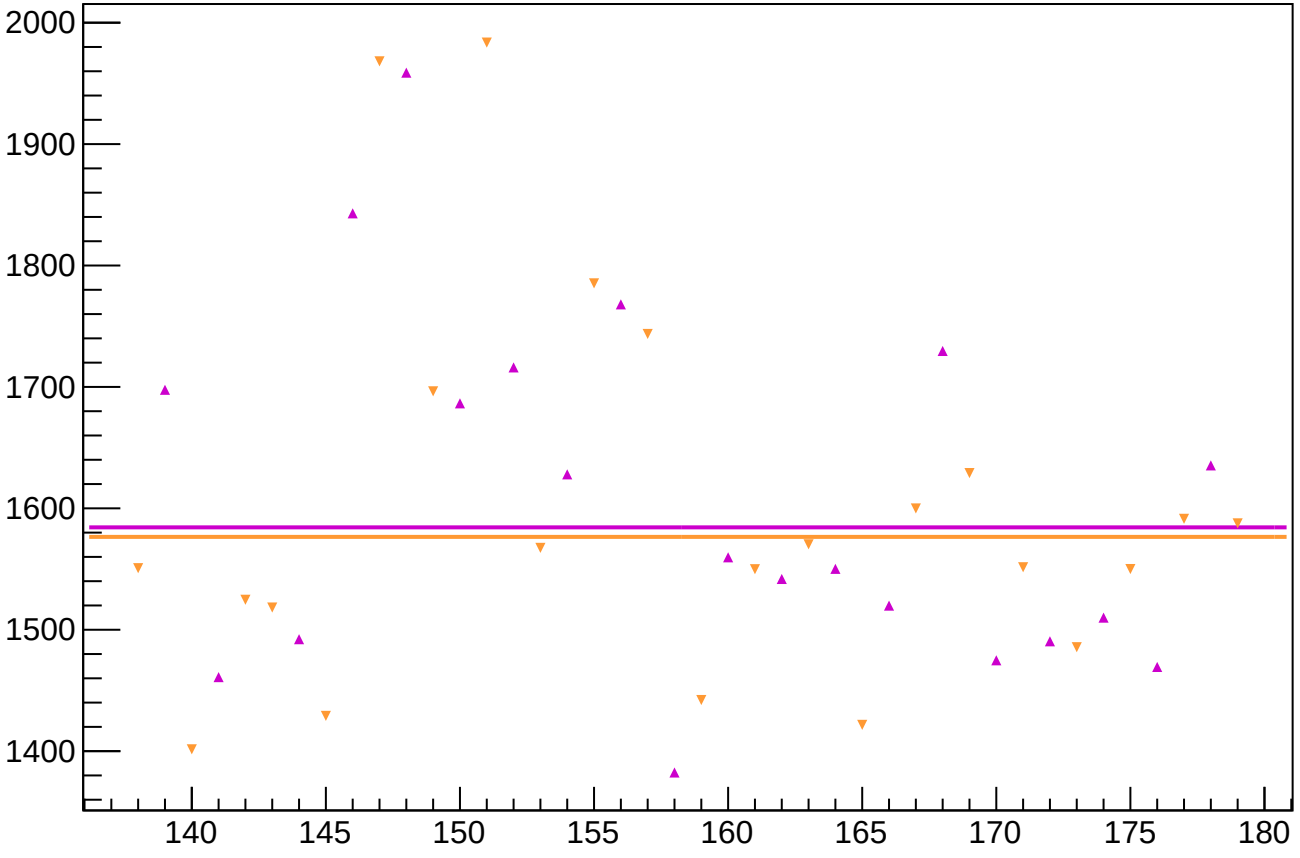
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -251.955+/-401.723 χ^2/NDF:29.7/19

Out: 616.912+/-388.579 χ^2/NDF:33.8/21

All: 196.925+/-279.298 χ^2/NDF: 65.9/41

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1576.488+/-0.275 χ^2/NDF:254200.8/21

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

Left In: 1584.337+/-0.284 χ^2/NDF:230893.4/19

Left: 1580.282+/-0.197 χ^2/NDF: 485488.8/41

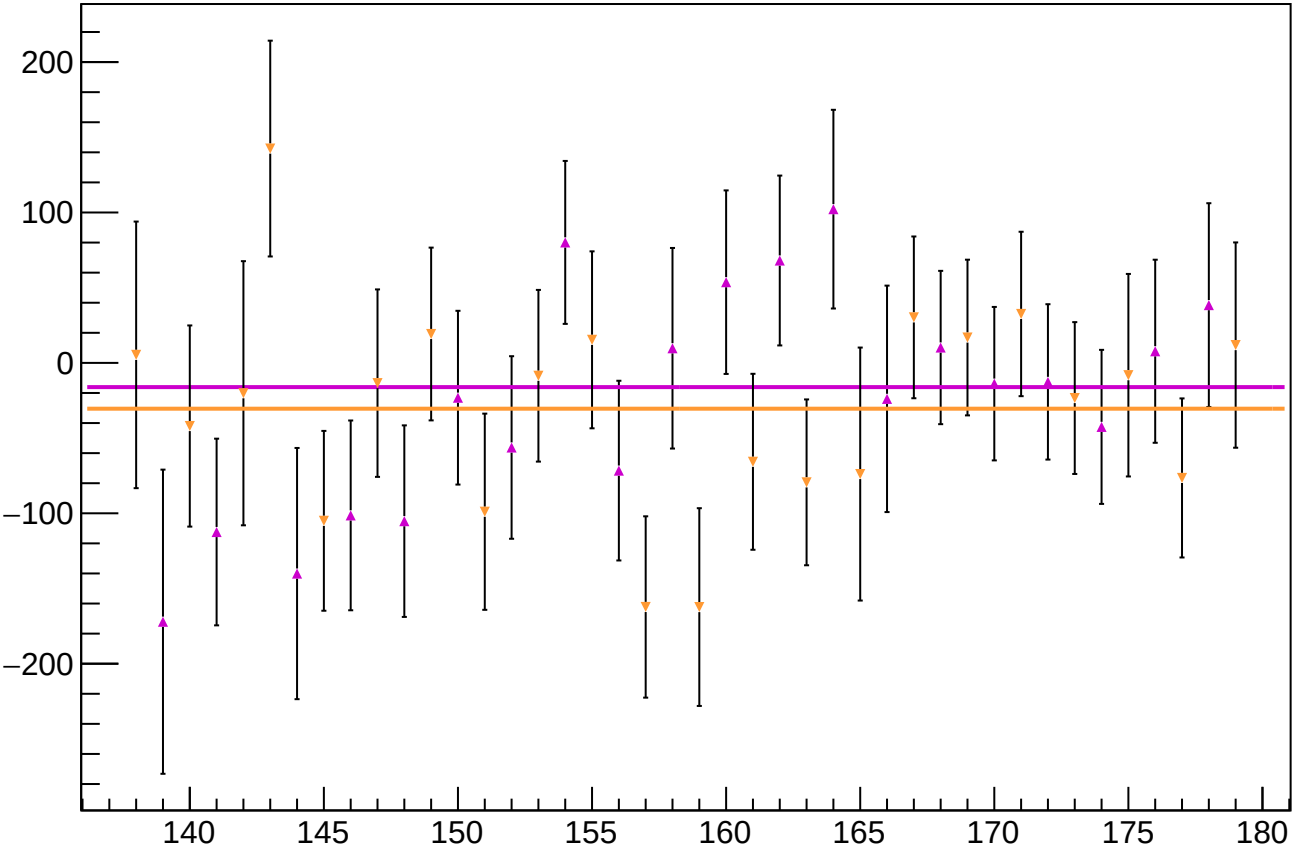
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1584.337+/-0.284 χ^2/NDF:230893.4/19

Out: 1576.488+/-0.275 χ^2/NDF:254200.8/21

All: 1580.282+/-0.197 χ^2/NDF: 485488.8/41

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -30.450+/-13.069 χ^2/NDF:25.2/21

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

Left In: -16.097+/-13.587 χ^2/NDF:23.5/19

Left: -23.552+/-9.419 χ^2/NDF: 49.3/41

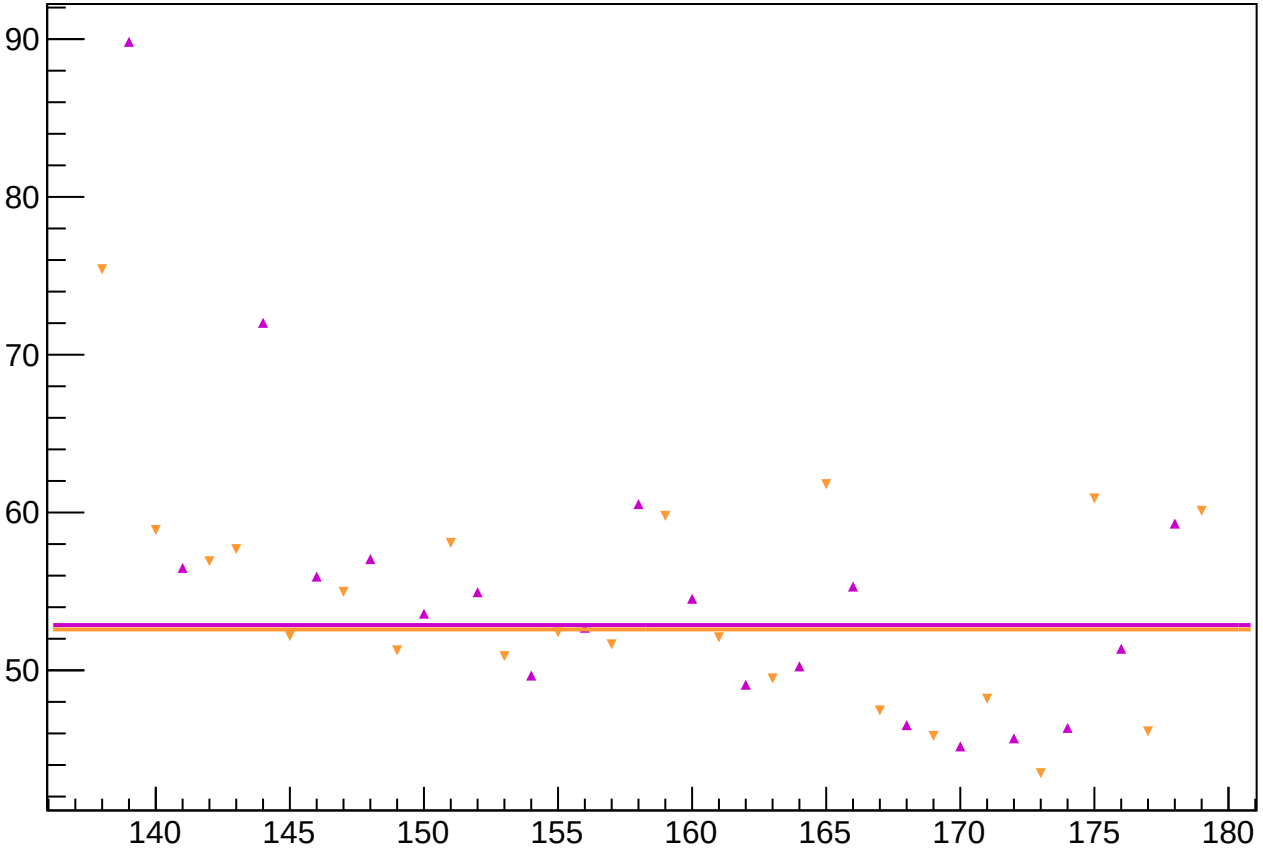
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -16.097+/-13.587 χ^2/NDF:23.5/19

Out: -30.450+/-13.069 χ^2/NDF:25.2/21

All: -23.552+/-9.419 χ^2/NDF: 49.3/41

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 52.591+/-0.009 χ^2/NDF:455067.0/21

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

Left In: 52.868+/-0.010 χ^2/NDF:611044.8/19

Left: 52.724+/-0.007 χ^2/NDF: 1066543.8/41

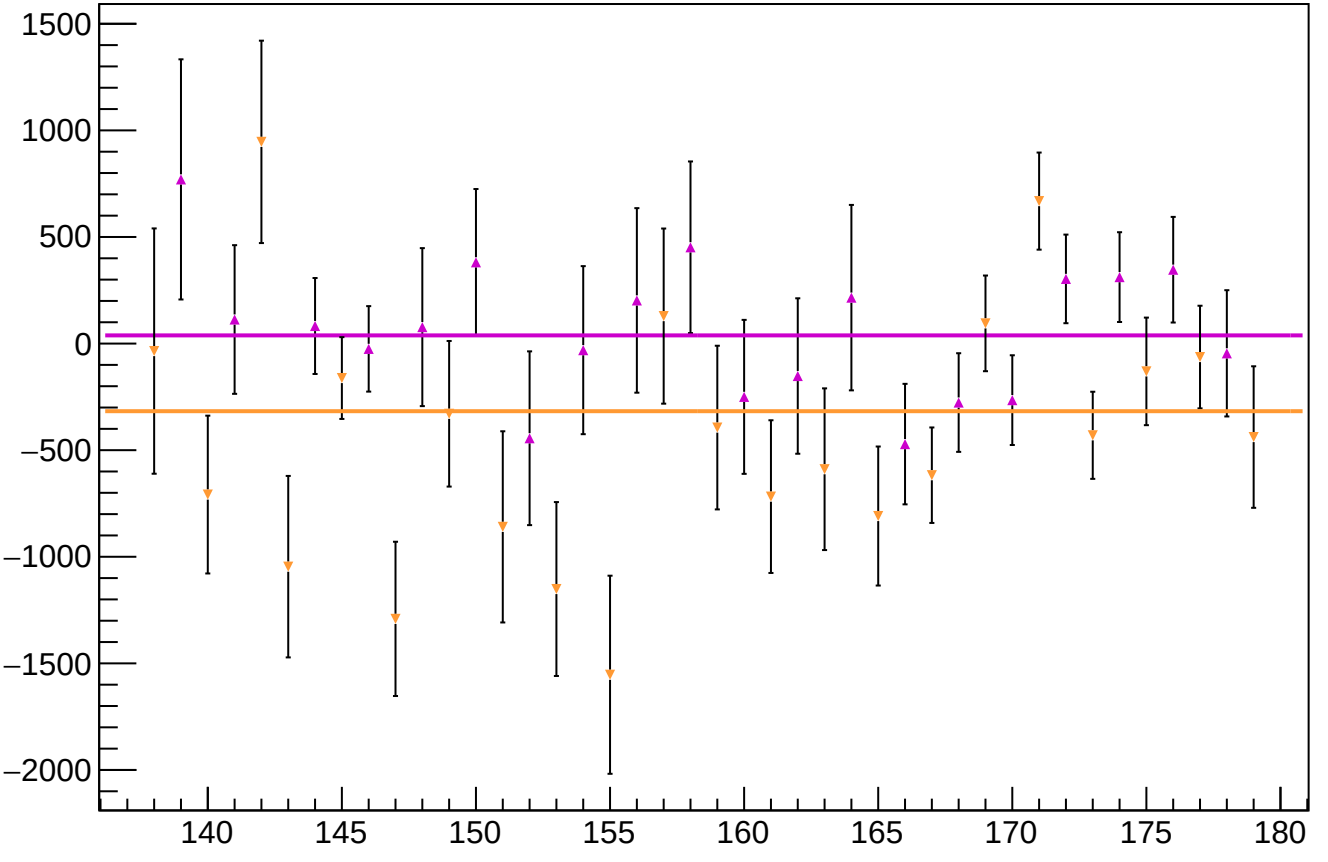
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 52.868+/-0.010 χ^2/NDF:611044.8/19

Out: 52.591+/-0.009 χ^2/NDF:455067.0/21

All: 52.724+/-0.007 χ^2/NDF: 1066543.8/41

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -317.167+/-64.384 χ^2/NDF:63.3/21

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

Left In: 38.401+/-64.100 χ^2/NDF:18.7/19

Left: -138.597+/-45.425 χ^2/NDF: 97.3/41

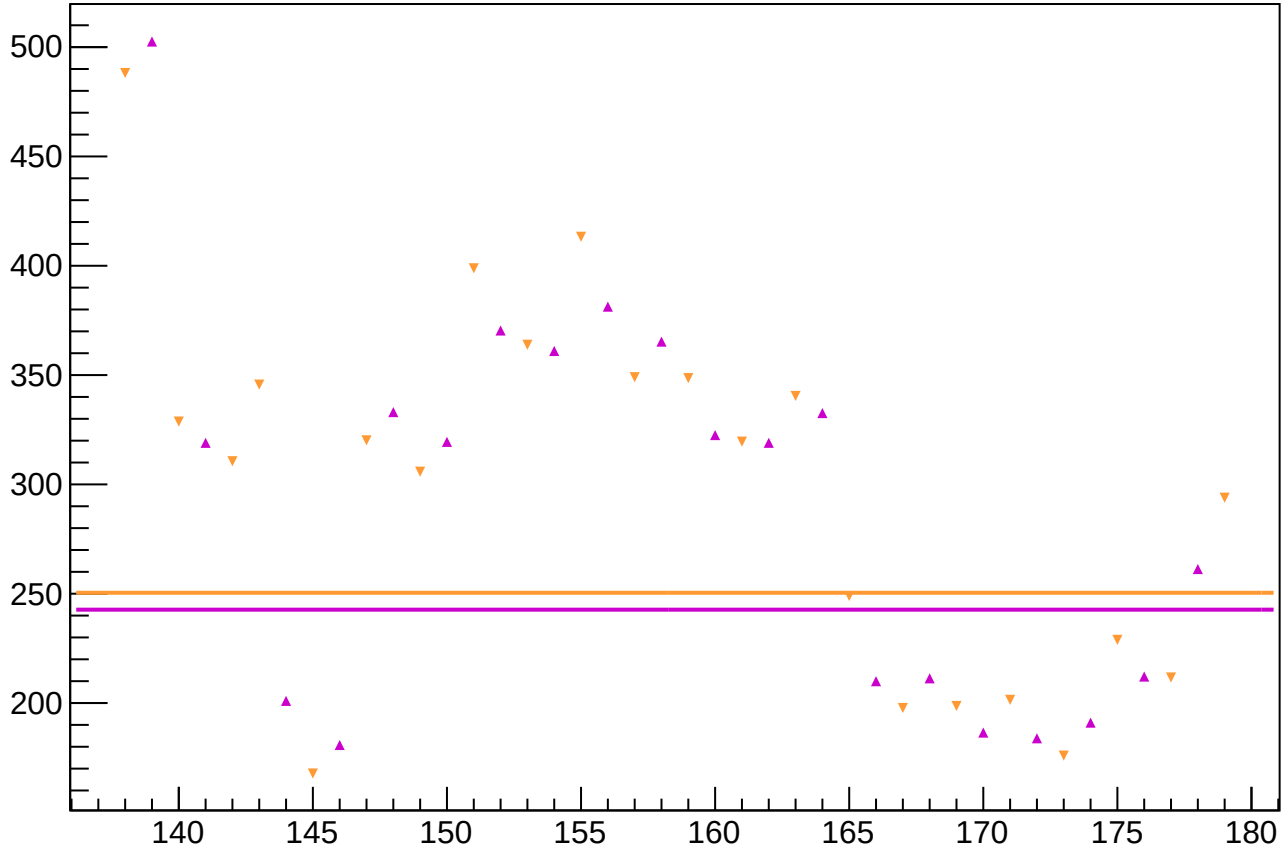
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 38.401+/-64.100 χ^2/NDF:18.7/19

Out: -317.167+/-64.384 χ^2/NDF:63.3/21

All: -138.597+/-45.425 χ^2/NDF: 97.3/41

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 250.432+/-0.046 χ^2/NDF:2790454.0/21

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

Left In: 242.705+/-0.045 χ^2/NDF:2563132.0/19

Left: 246.551+/-0.032 χ^2/NDF: 5368054.1/41

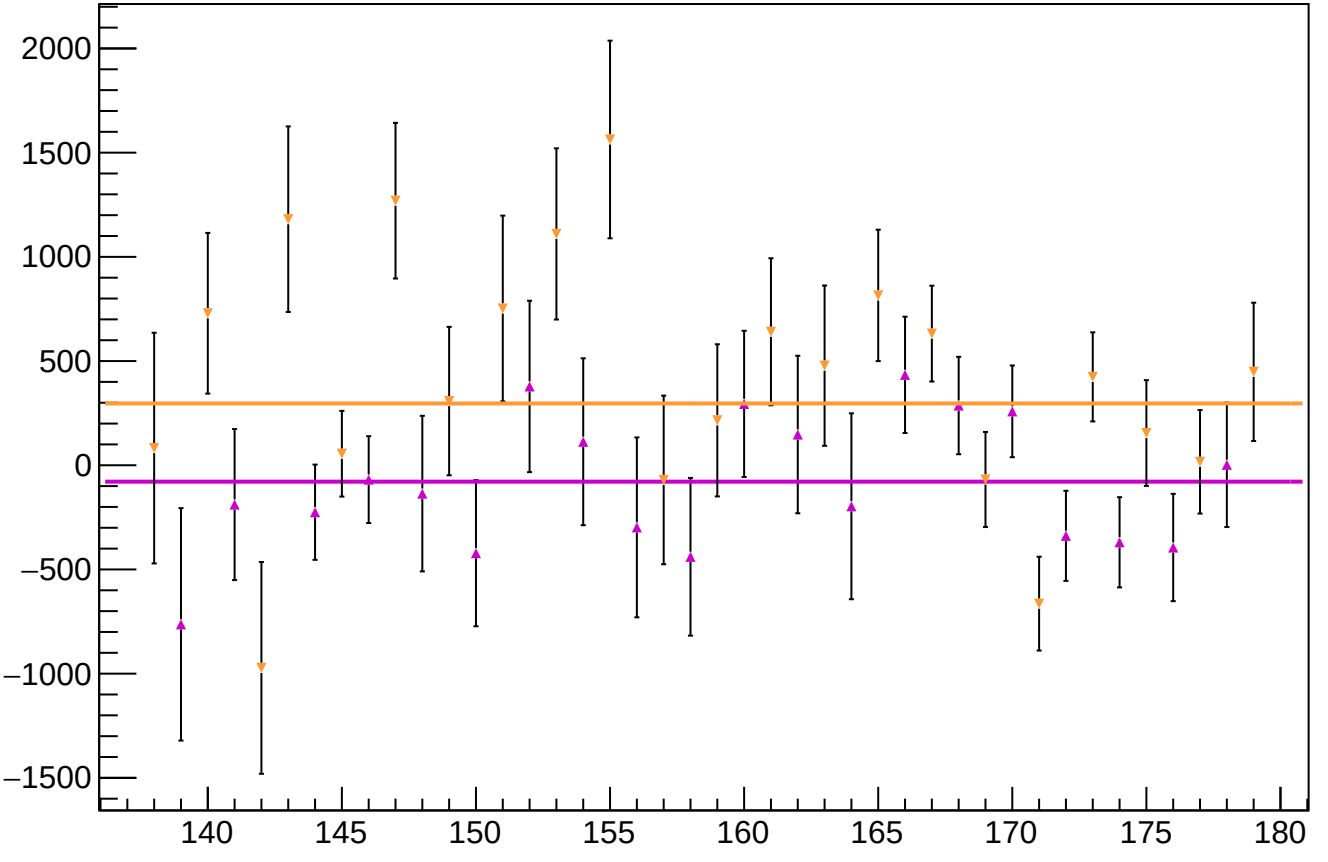
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 242.705+/-0.045 χ^2/NDF:2563132.0/19

Out: 250.432+/-0.046 χ^2/NDF:2790454.0/21

All: 246.551+/-0.032 χ^2/NDF: 5368054.1/41

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 296.562+/-65.647 χ^2/NDF:61.7/21

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

Left In: -78.724+/-65.392 χ^2/NDF:20.2/19

Left: 108.189+/-46.329 χ^2/NDF: 98.3/41

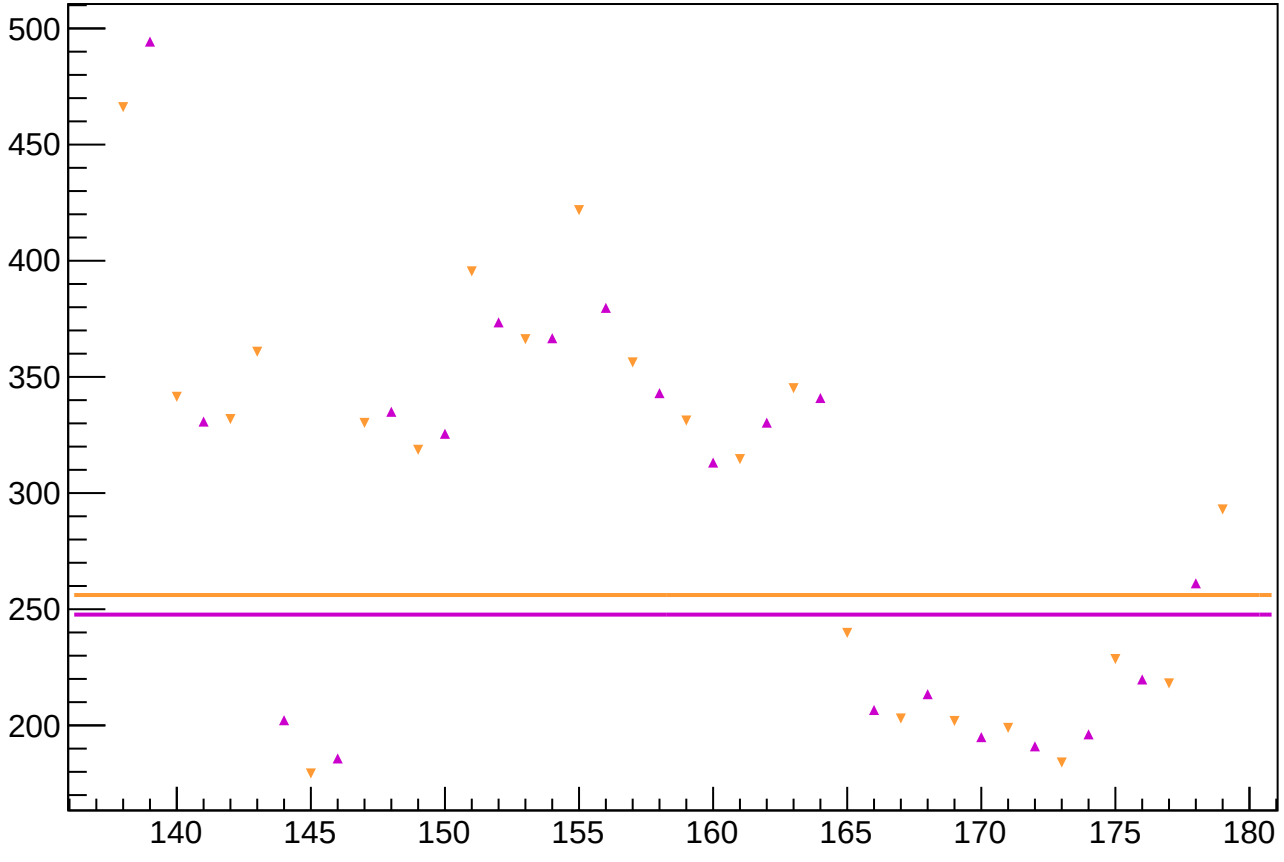
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -78.724+/-65.392 χ^2/NDF:20.2/19

Out: 296.562+/-65.647 χ^2/NDF:61.7/21

All: 108.189+/-46.329 χ^2/NDF: 98.3/41

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 256.113+/-0.046 χ^2/NDF:2589694.3/21

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

Left In: 247.685+/-0.046 χ^2/NDF:2370324.8/19

Left: 251.883+/-0.033 χ^2/NDF: 4976565.2/41

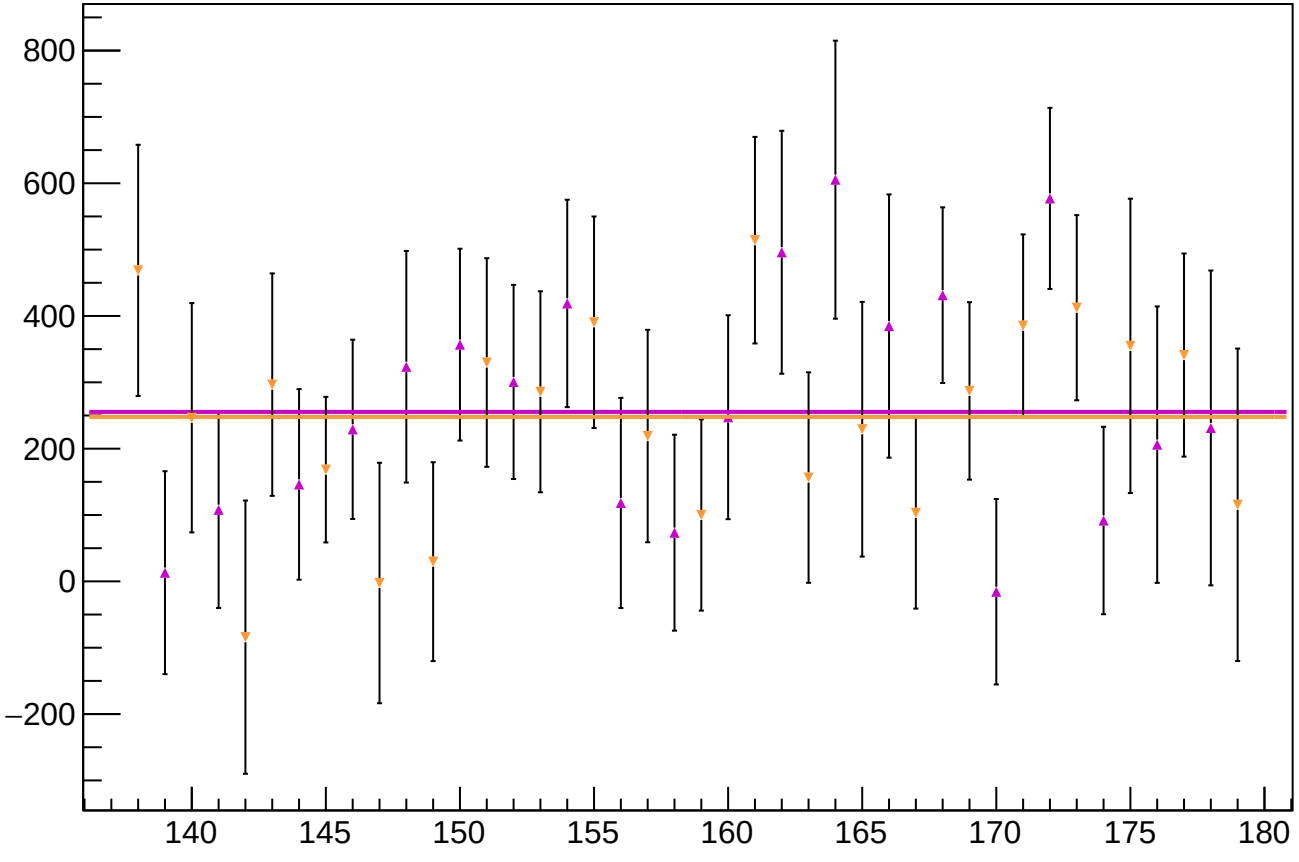
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 247.685+/-0.046 χ^2/NDF:2370324.8/19

Out: 256.113+/-0.046 χ^2/NDF:2589694.3/21

All: 251.883+/-0.033 χ^2/NDF: 4976565.2/41

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 247.917+/-33.585 χ^2/NDF:18.5/21

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

Left In: 255.413+/-34.941 χ^2/NDF:25.7/19

Left: 251.517+/-24.213 χ^2/NDF: 44.2/41

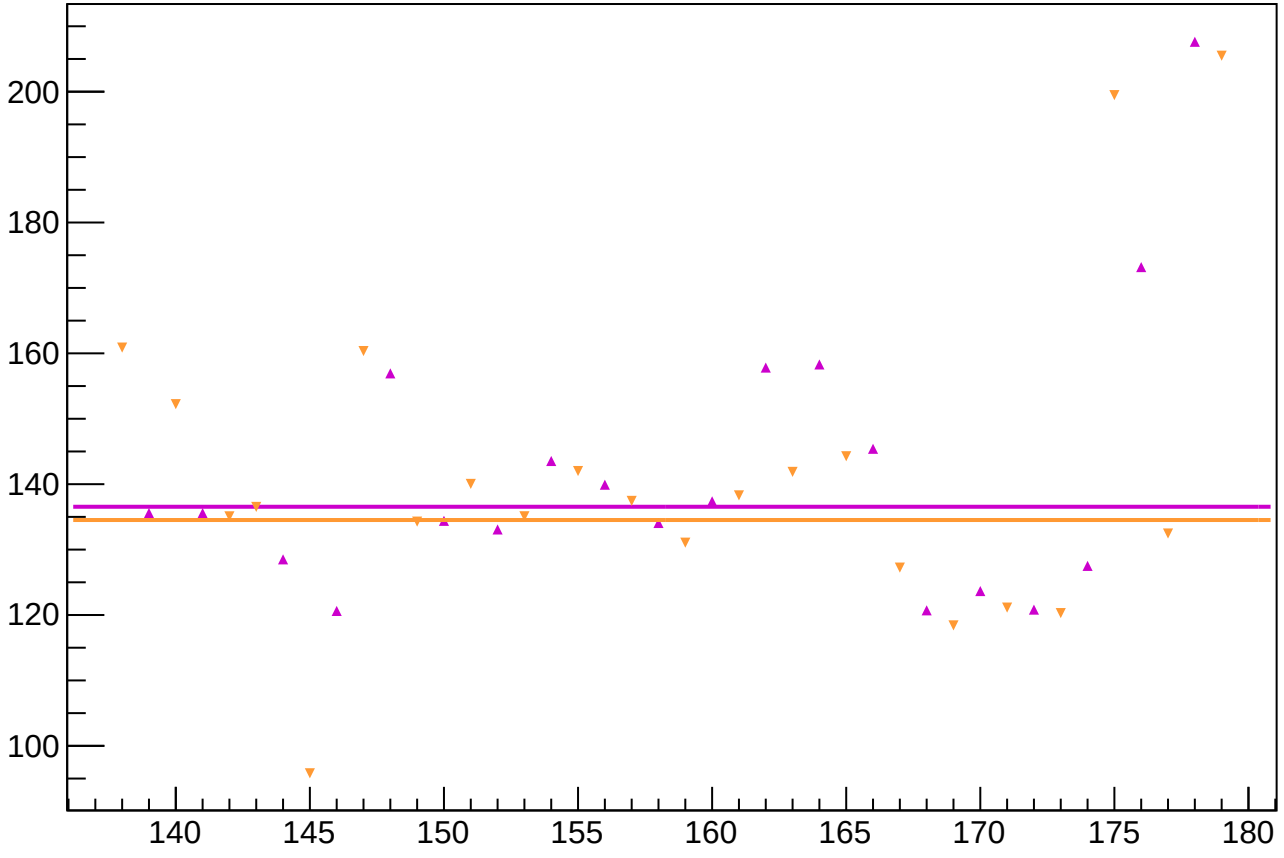
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 255.413+/-34.941 χ^2/NDF:25.7/19

Out: 247.917+/-33.585 χ^2/NDF:18.5/21

All: 251.517+/-24.213 χ^2/NDF: 44.2/41

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 134.521+/-0.024 χ^2/NDF:796528.4/21

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

Left In: 136.549+/-0.025 χ^2/NDF:442941.3/19

Left: 135.495+/-0.017 χ^2/NDF: 1242973.3/41

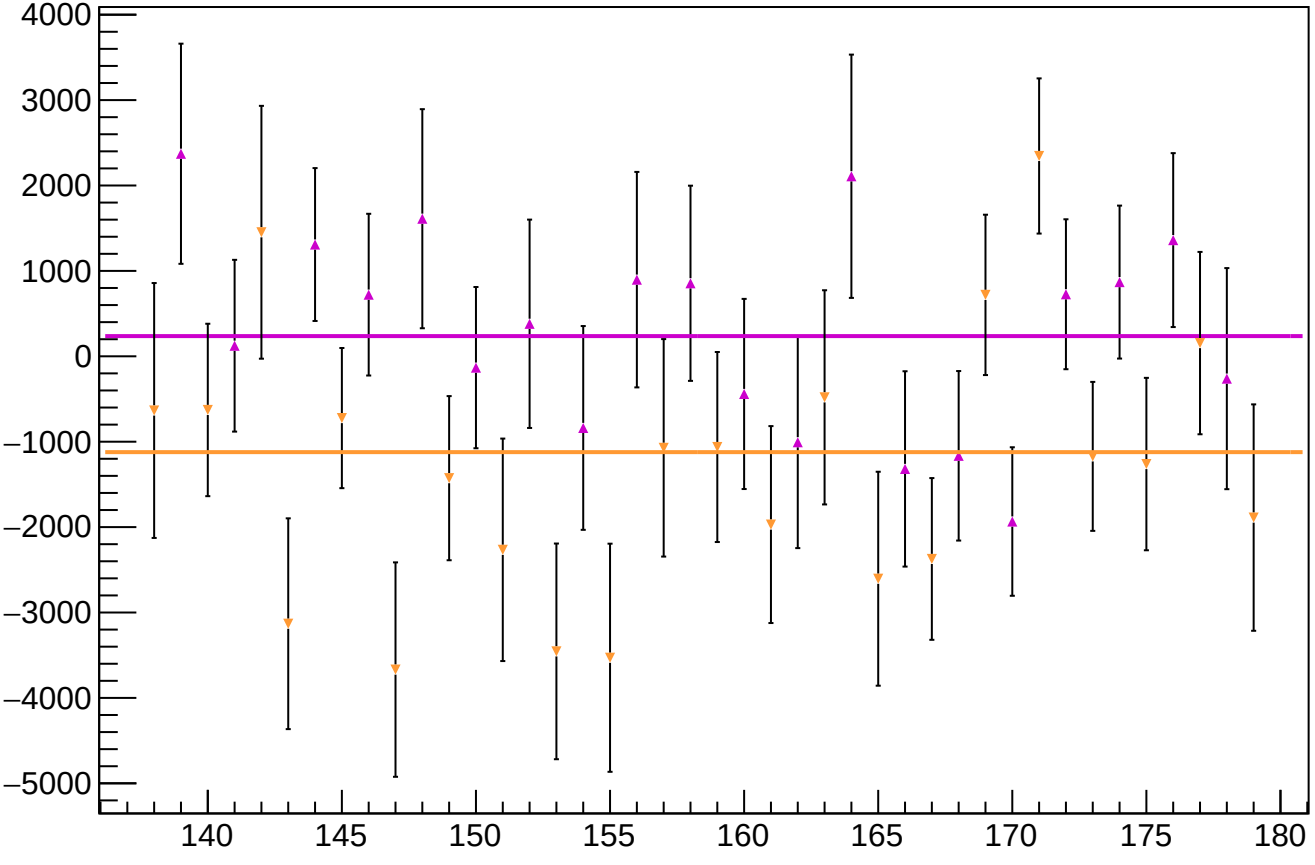
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 136.549+/-0.025 χ^2/NDF:442941.3/19

Out: 134.521+/-0.024 χ^2/NDF:796528.4/21

All: 135.495+/-0.017 χ^2/NDF: 1242973.3/41

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1122.101+/-234.552 χ^2/NDF:42.1/21

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

Left In: 236.559+/-238.285 χ^2/NDF:22.5/19

Left: -453.497+/-167.157 χ^2/NDF: 81.1/41

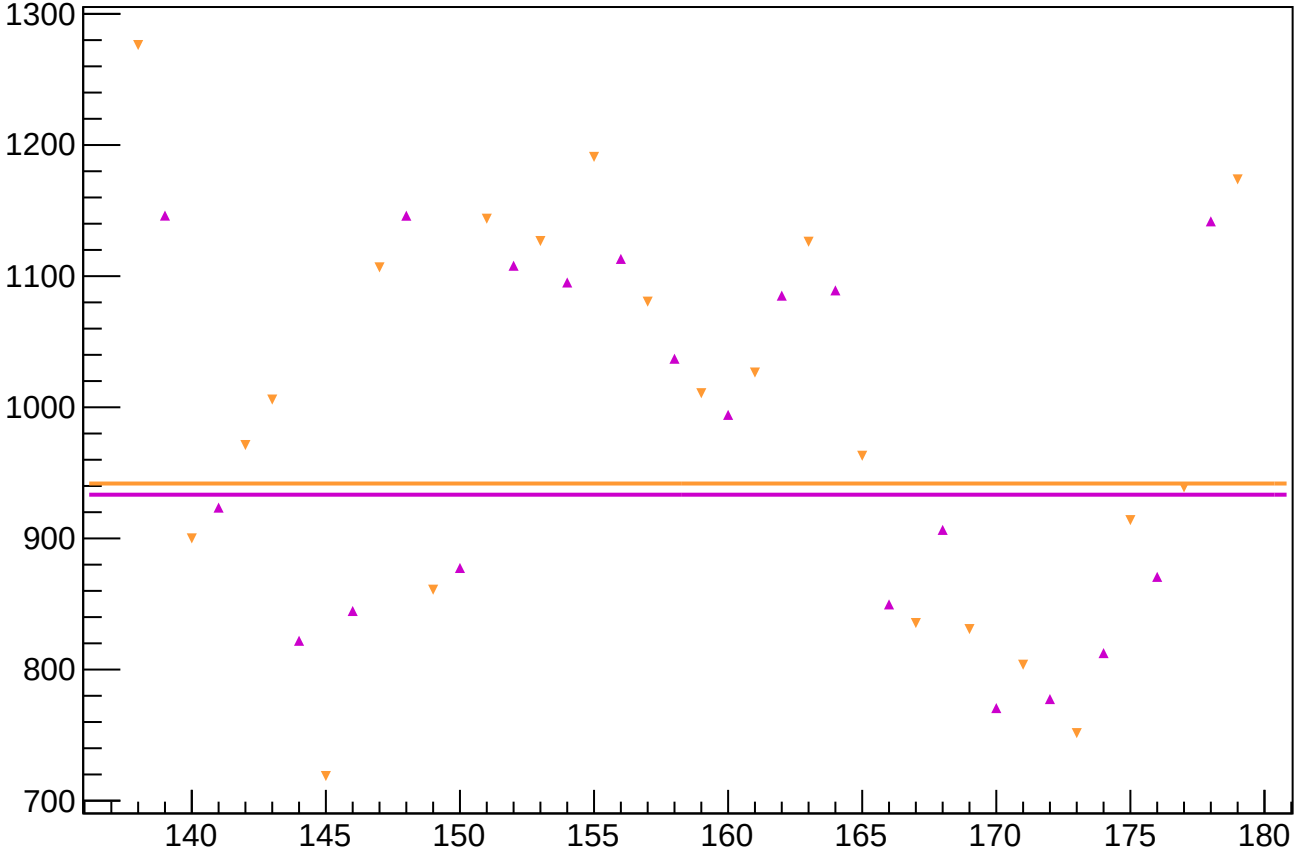
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 236.559+/-238.285 χ^2/NDF:22.5/19

Out: -1122.101+/-234.552 χ^2/NDF:42.1/21

All: -453.497+/-167.157 χ^2/NDF: 81.1/41

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 941.869+/-0.166 χ^2/NDF:810453.9/21

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

Left In: 933.348+/-0.168 χ^2/NDF:601128.5/19

Left: 937.676+/-0.118 χ^2/NDF: 1412881.2/41

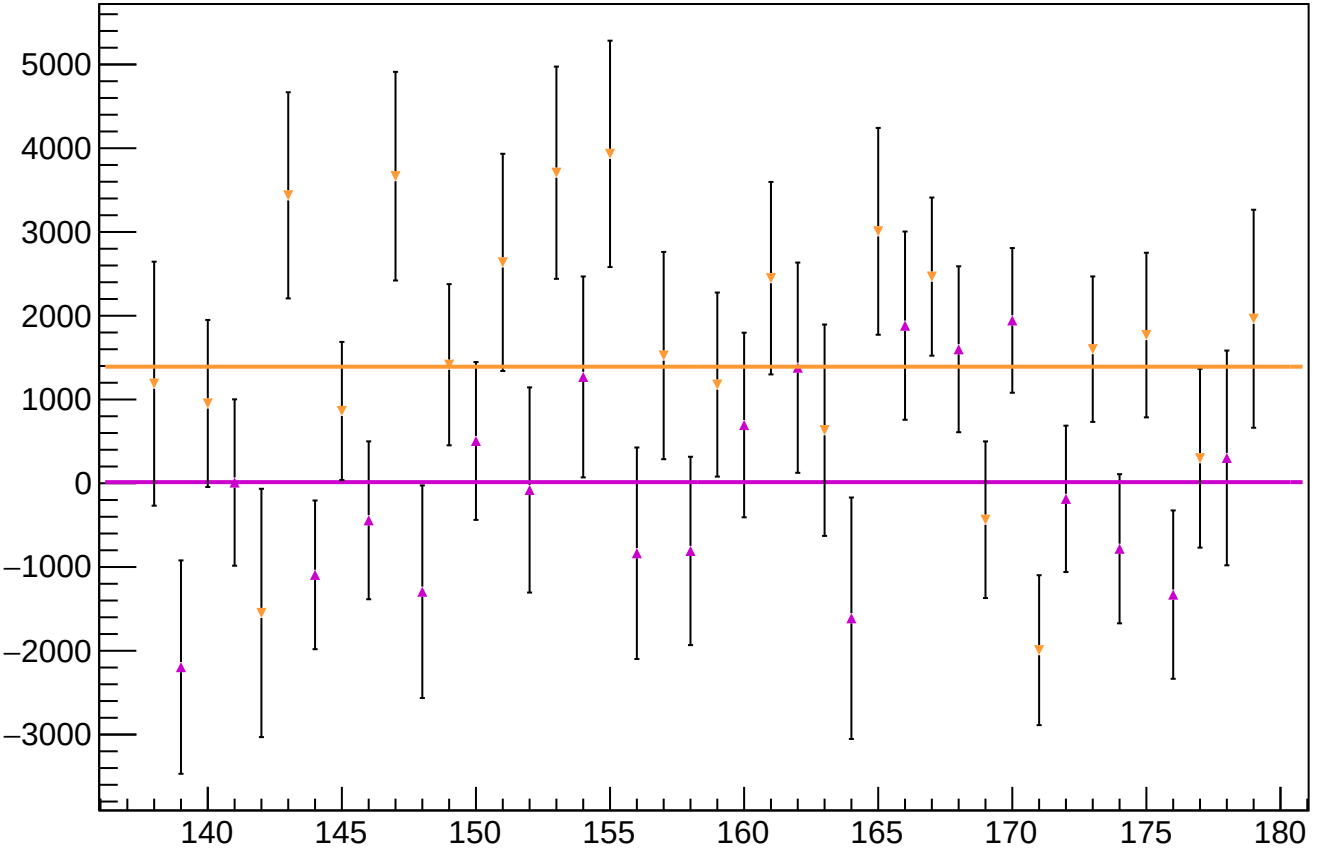
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 933.348+/-0.168 χ^2/NDF:601128.5/19

Out: 941.869+/-0.166 χ^2/NDF:810453.9/21

All: 937.676+/-0.118 χ^2/NDF: 1412881.2/41

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1391.614+/-232.999 χ^2/NDF:42.3/21

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

Left In: 13.437+/-236.936 χ^2/NDF:24.1/19

Left: 714.071+/-166.130 χ^2/NDF: 83.6/41

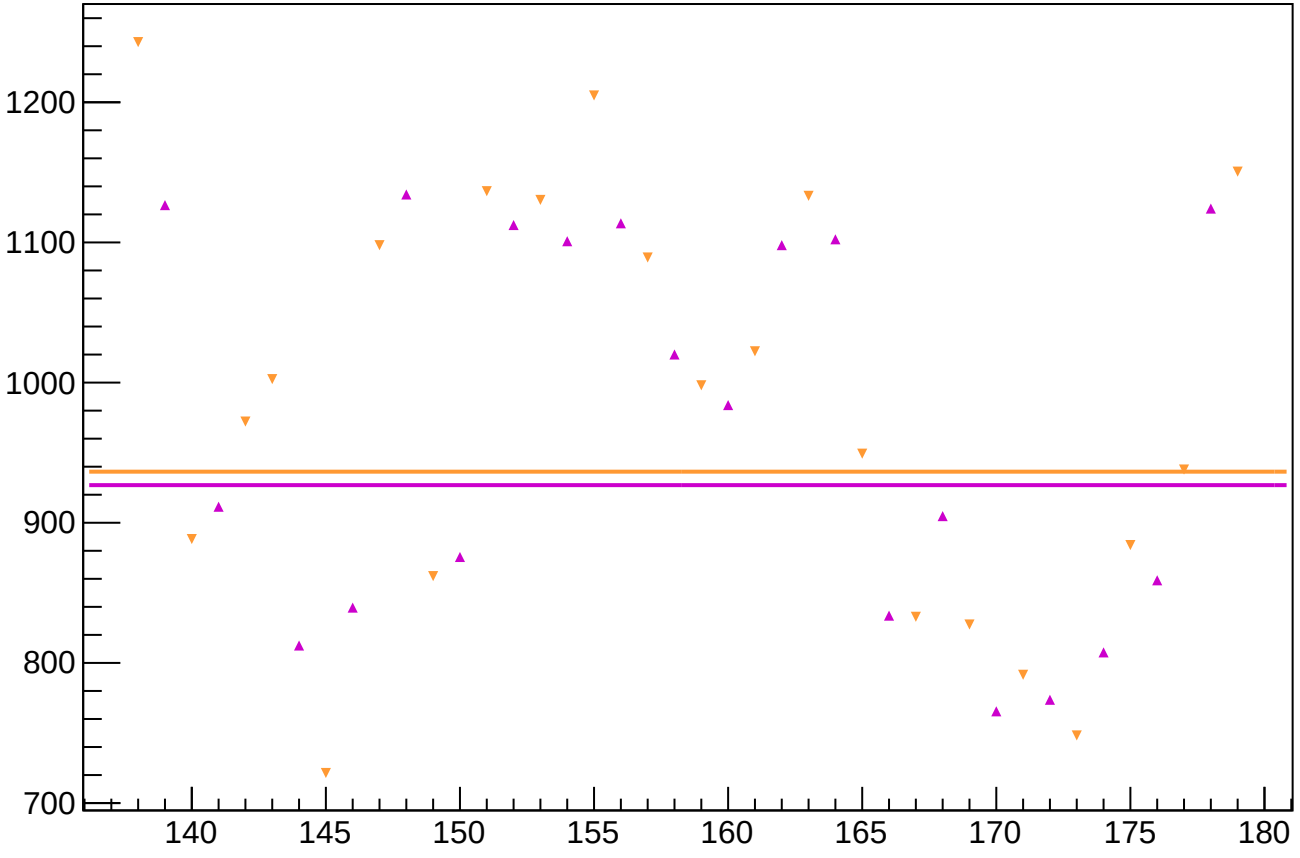
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.437+/-236.936 χ^2/NDF:24.1/19

Out: 1391.614+/-232.999 χ^2/NDF:42.3/21

All: 714.071+/-166.130 χ^2/NDF: 83.6/41

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 936.455+/-0.165 χ^2/NDF:809346.2/21

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

Left In: 926.842+/-0.168 χ^2/NDF:615539.5/19

Left: 931.729+/-0.117 χ^2/NDF: 1426559.3/41

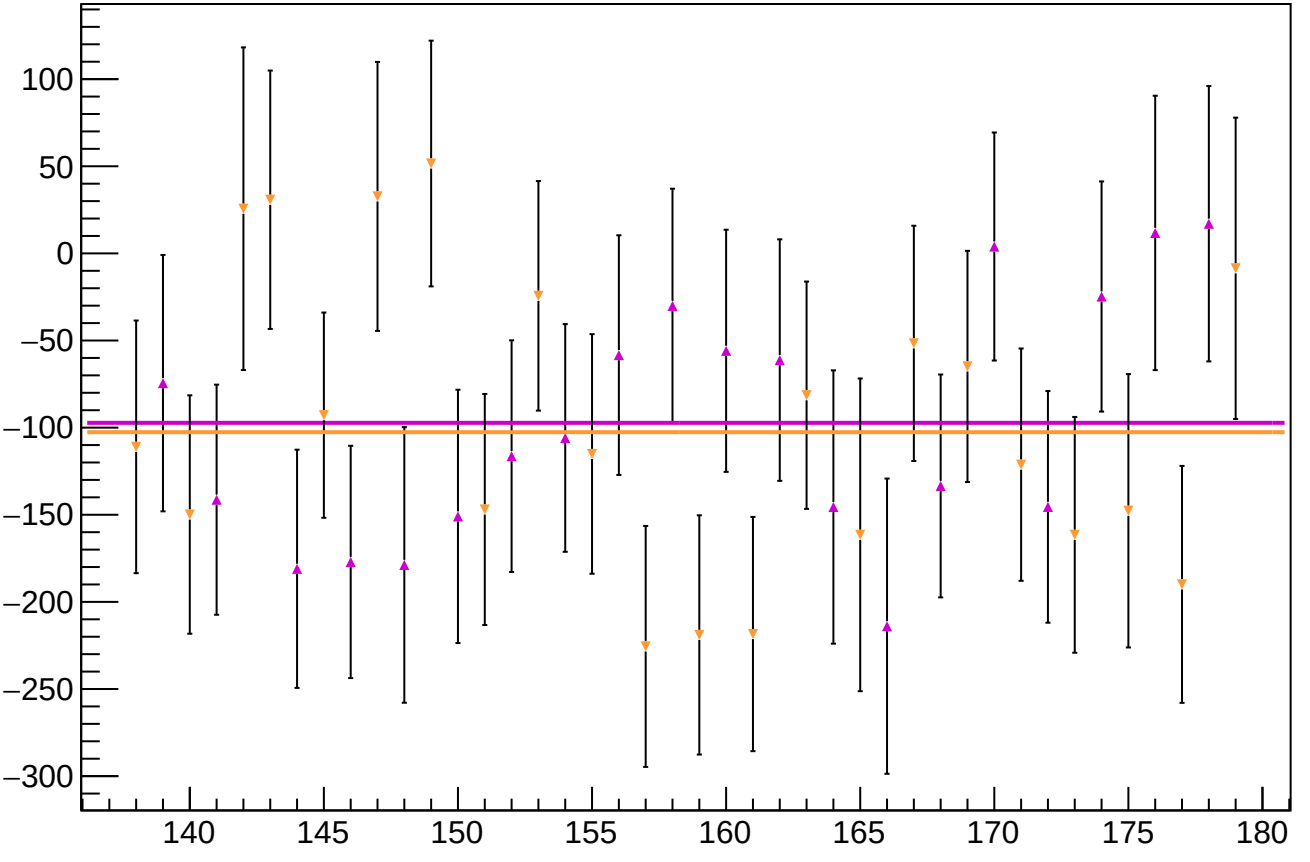
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 926.842+/-0.168 χ^2/NDF:615539.5/19

Out: 936.455+/-0.165 χ^2/NDF:809346.2/21

All: 931.729+/-0.117 χ^2/NDF: 1426559.3/41

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: -102.598+/-15.017 χ^2/NDF:29.9/21

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

Left In: -97.239+/-15.679 χ^2/NDF:17.9/19

Left: -100.034+/-10.845 χ^2/NDF: 47.8/41

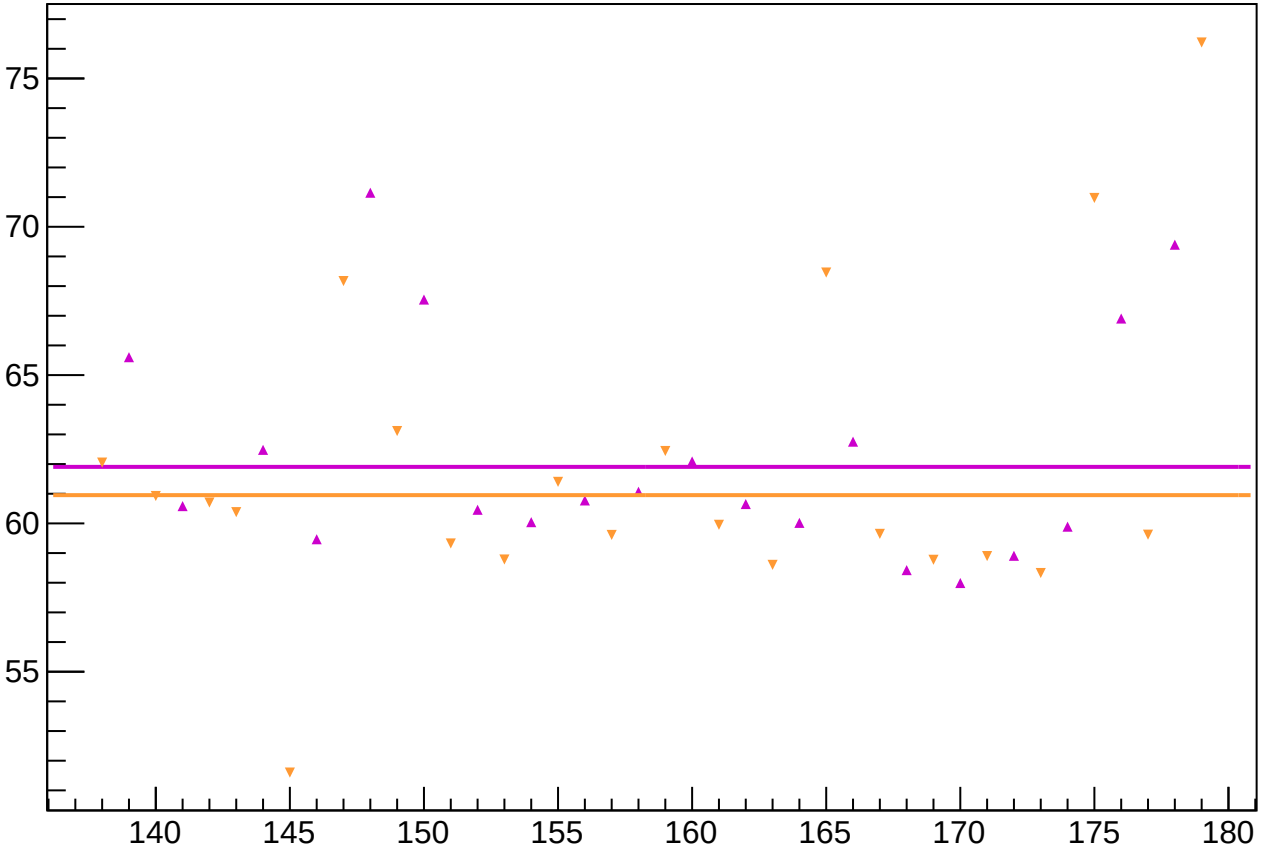
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -97.239+/-15.679 χ^2/NDF:17.9/19

Out: -102.598+/-15.017 χ^2/NDF:29.9/21

All: -100.034+/-10.845 χ^2/NDF: 47.8/41

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 60.953+/-0.011 χ^2/NDF:196086.4/21

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

Left In: 61.906+/-0.011 χ^2/NDF:98546.2/19

Left: 61.409+/-0.008 χ^2/NDF: 298487.5/41

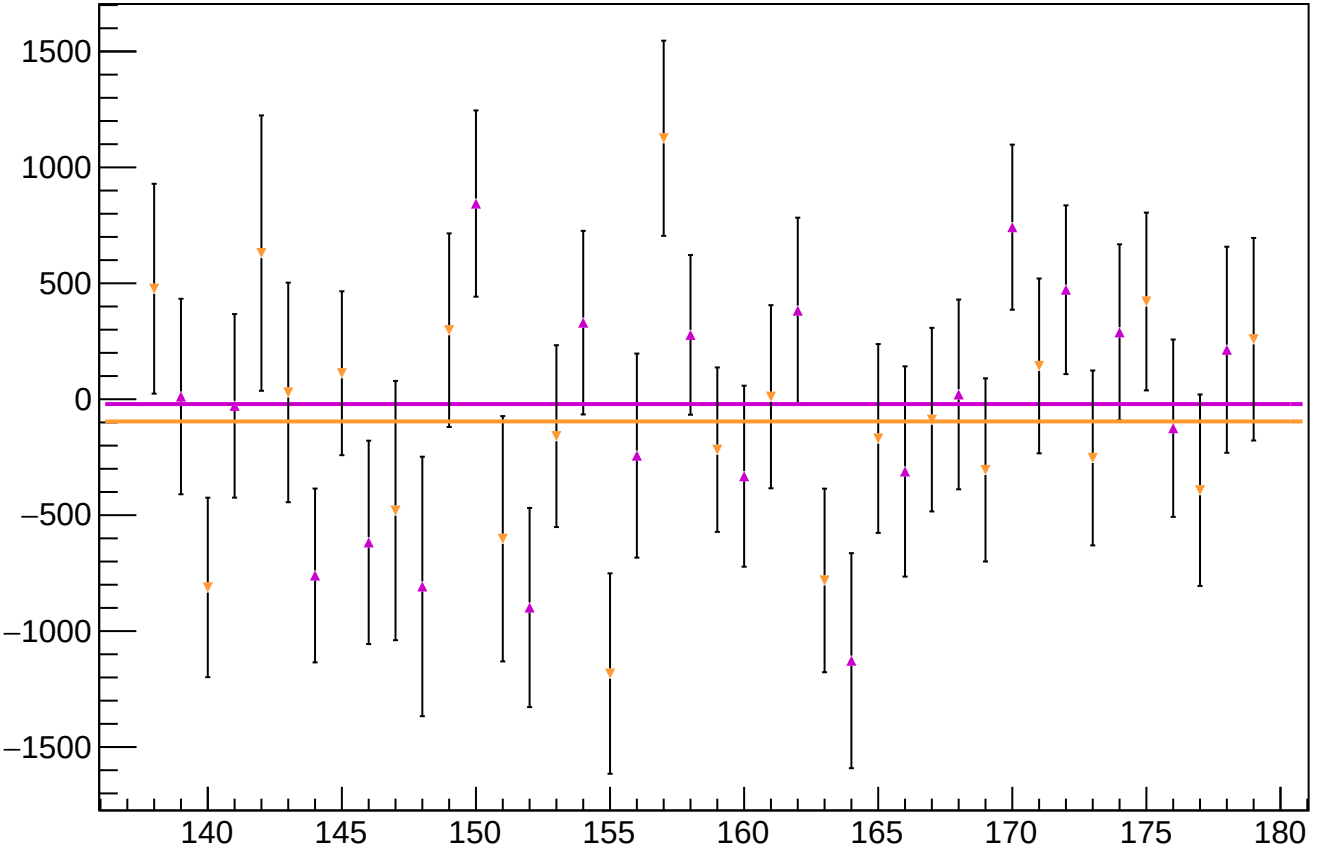
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.906+/-0.011 χ^2/NDF:98546.2/19

Out: 60.953+/-0.011 χ^2/NDF:196086.4/21

All: 61.409+/-0.008 χ^2/NDF: 298487.5/41

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: -95.730+/-88.249 χ^2/NDF:31.1/21

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

Left In: -20.891+/-90.662 χ^2/NDF:33.5/19

Left: -59.320+/-63.237 χ^2/NDF: 64.9/41

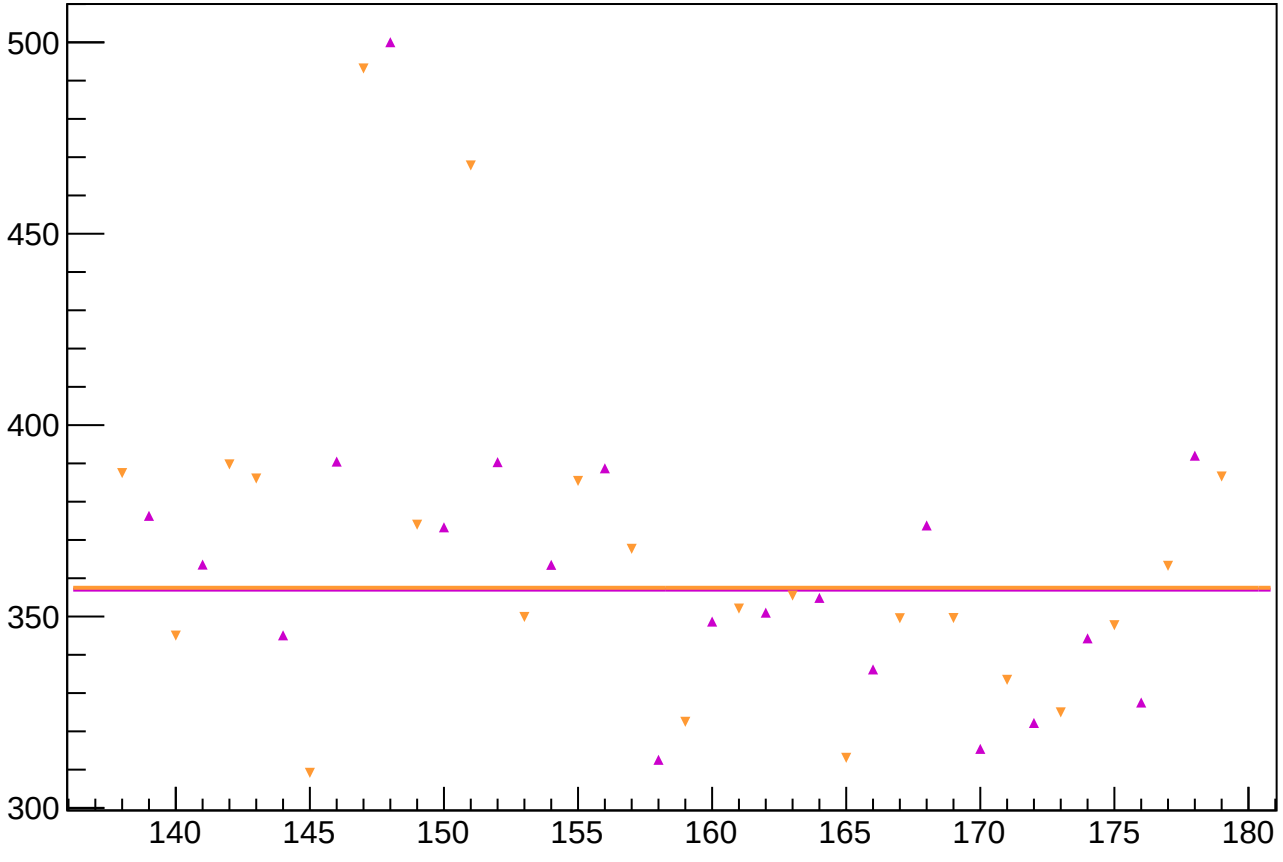
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -20.891+/-90.662 χ^2/NDF:33.5/19

Out: -95.730+/-88.249 χ^2/NDF:31.1/21

All: -59.320+/-63.237 χ^2/NDF: 64.9/41

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: 357.508+/-0.062 χ^2/NDF:358442.6/21

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

Left In: 357.029+/-0.064 χ^2/NDF:289712.3/19

Left: 357.275+/-0.045 χ^2/NDF: 648183.6/41

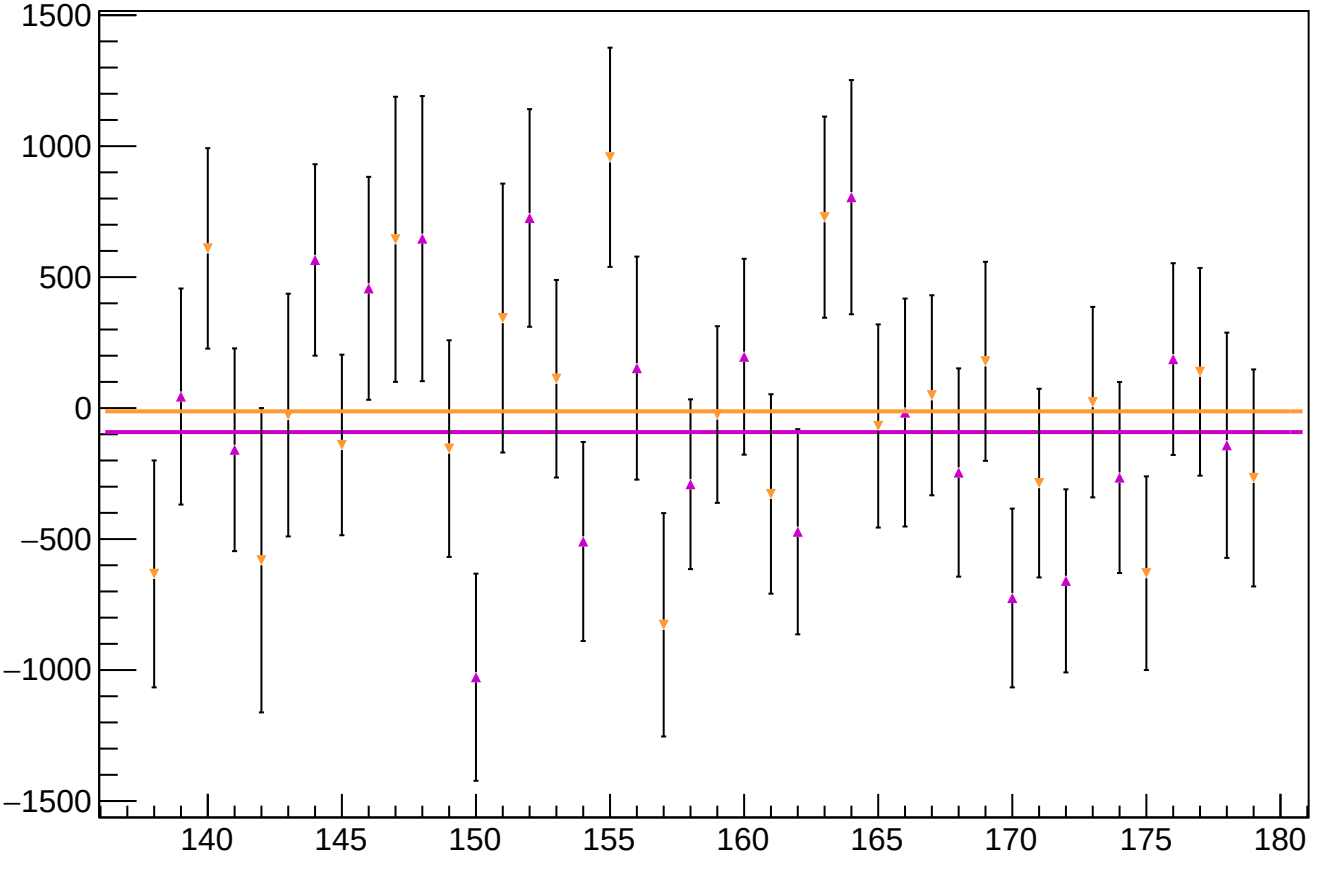
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 357.029+/-0.064 χ^2/NDF:289712.3/19

Out: 357.508+/-0.062 χ^2/NDF:358442.6/21

All: 357.275+/-0.045 χ^2/NDF: 648183.6/41

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -12.340+/-85.388 χ^2/NDF:25.6/21

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

Left In: -91.561+/-87.518 χ^2/NDF:30.9/19

Left: -50.975+/-61.117 χ^2/NDF: 56.9/41

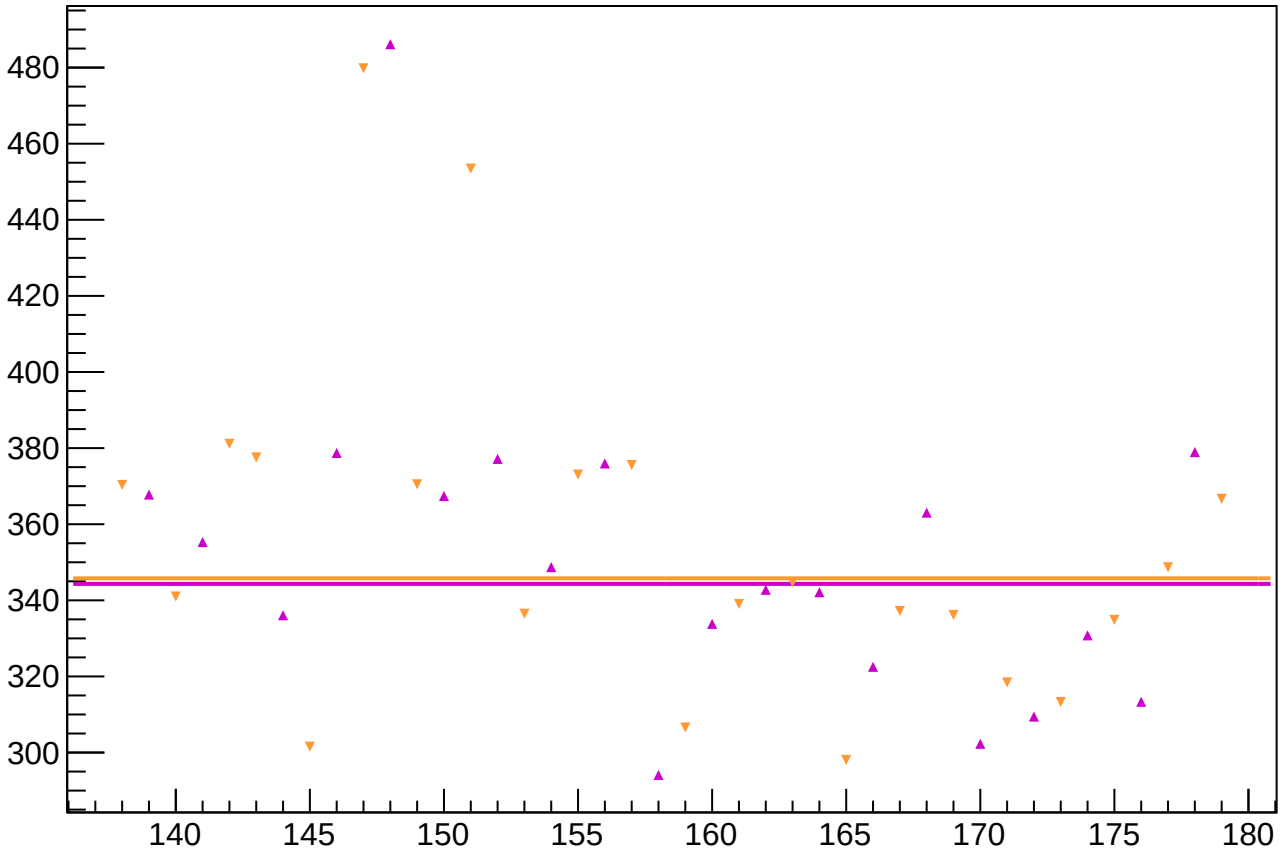
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -91.561+/-87.518 χ^2/NDF:30.9/19

Out: -12.340+/-85.388 χ^2/NDF:25.6/21

All: -50.975+/-61.117 χ^2/NDF: 56.9/41

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 345.782+/-0.060 χ^2/NDF:387120.3/21

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

Left In: 344.322+/-0.062 χ^2/NDF:328092.9/19

Left: 345.070+/-0.043 χ^2/NDF: 715498.4/41

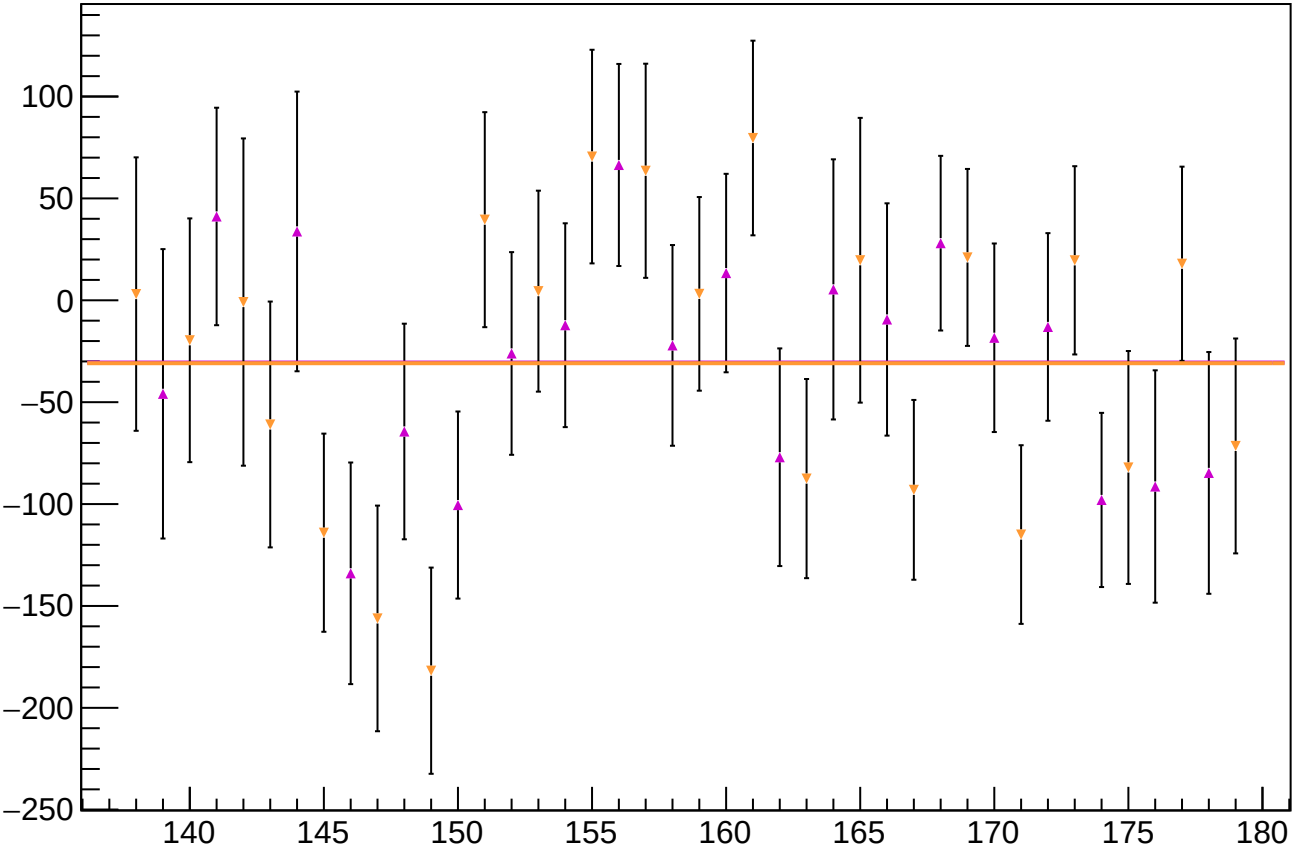
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 344.322+/-0.062 χ^2/NDF:328092.9/19

Out: 345.782+/-0.060 χ^2/NDF:387120.3/21

All: 345.070+/-0.043 χ^2/NDF: 715498.4/41

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: -30.878+/-11.035 χ^2/NDF:45.3/21

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

Left In: -30.559+/-11.545 χ^2/NDF:21.6/19

Left: -30.726+/-7.977 χ^2/NDF: 67.0/41

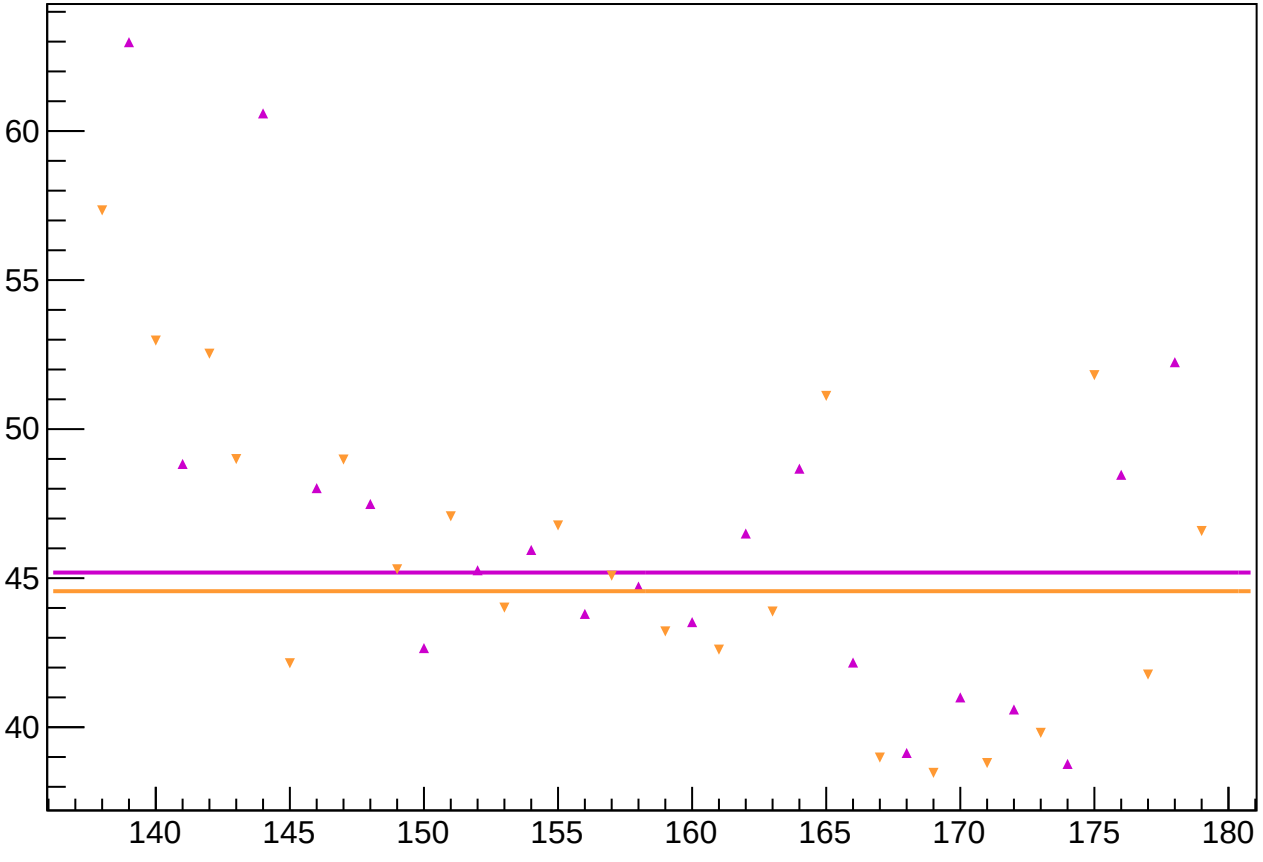
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.559+/-11.545 χ^2/NDF:21.6/19

Out: -30.878+/-11.035 χ^2/NDF:45.3/21

All: -30.726+/-7.977 χ^2/NDF: 67.0/41

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: 44.563+/-0.008 χ^2/NDF:361241.3/21

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

Left In: 45.188+/-0.008 χ^2/NDF:424502.1/19

Left: 44.861+/-0.006 χ^2/NDF: 788813.1/41

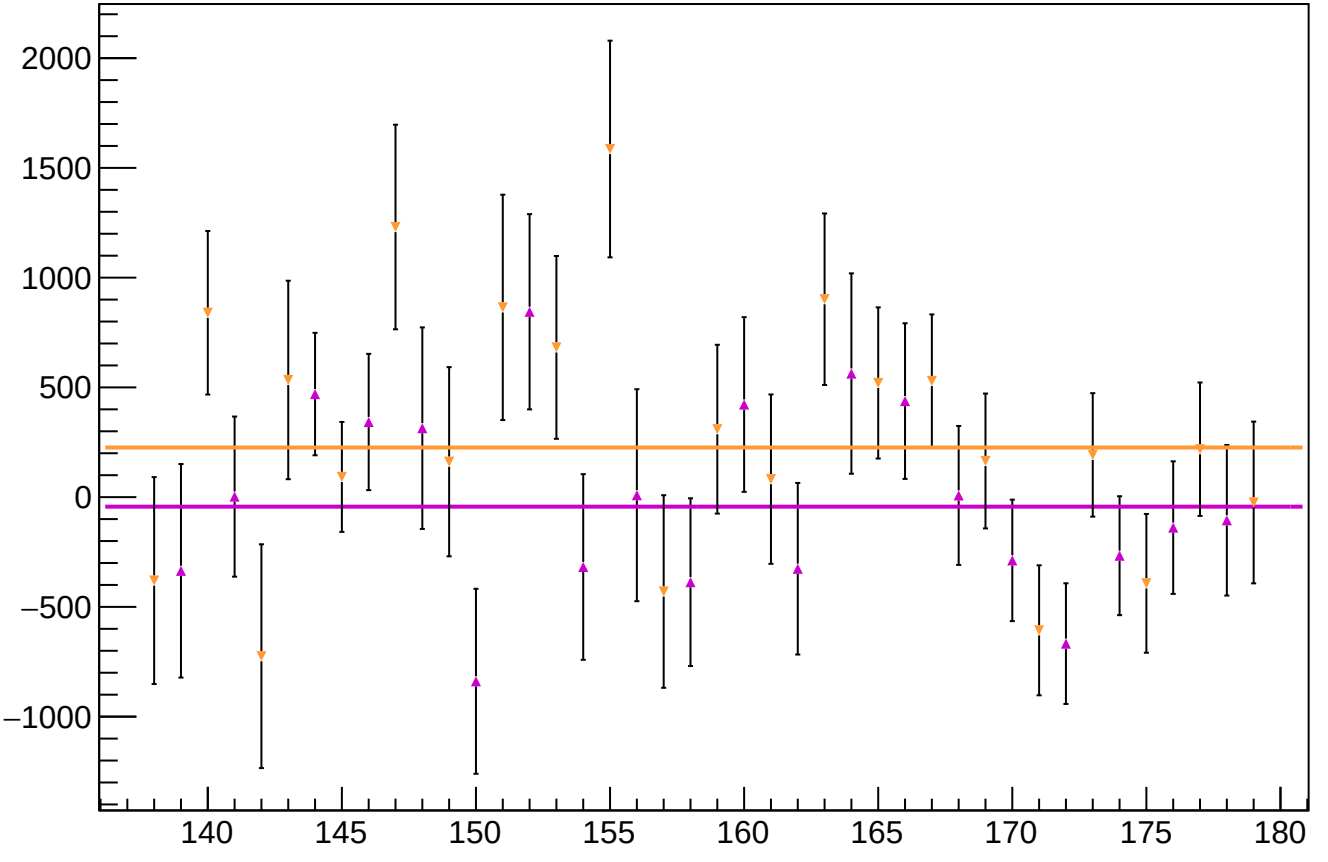
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 45.188+/-0.008 χ^2/NDF:424502.1/19

Out: 44.563+/-0.008 χ^2/NDF:361241.3/21

All: 44.861+/-0.006 χ^2/NDF: 788813.1/41

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: 226.182+/-77.287 χ^2/NDF:43.0/21

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

Left In: -43.354+/-78.538 χ^2/NDF:27.0/19

Left: 93.577+/-55.087 χ^2/NDF: 76.0/41

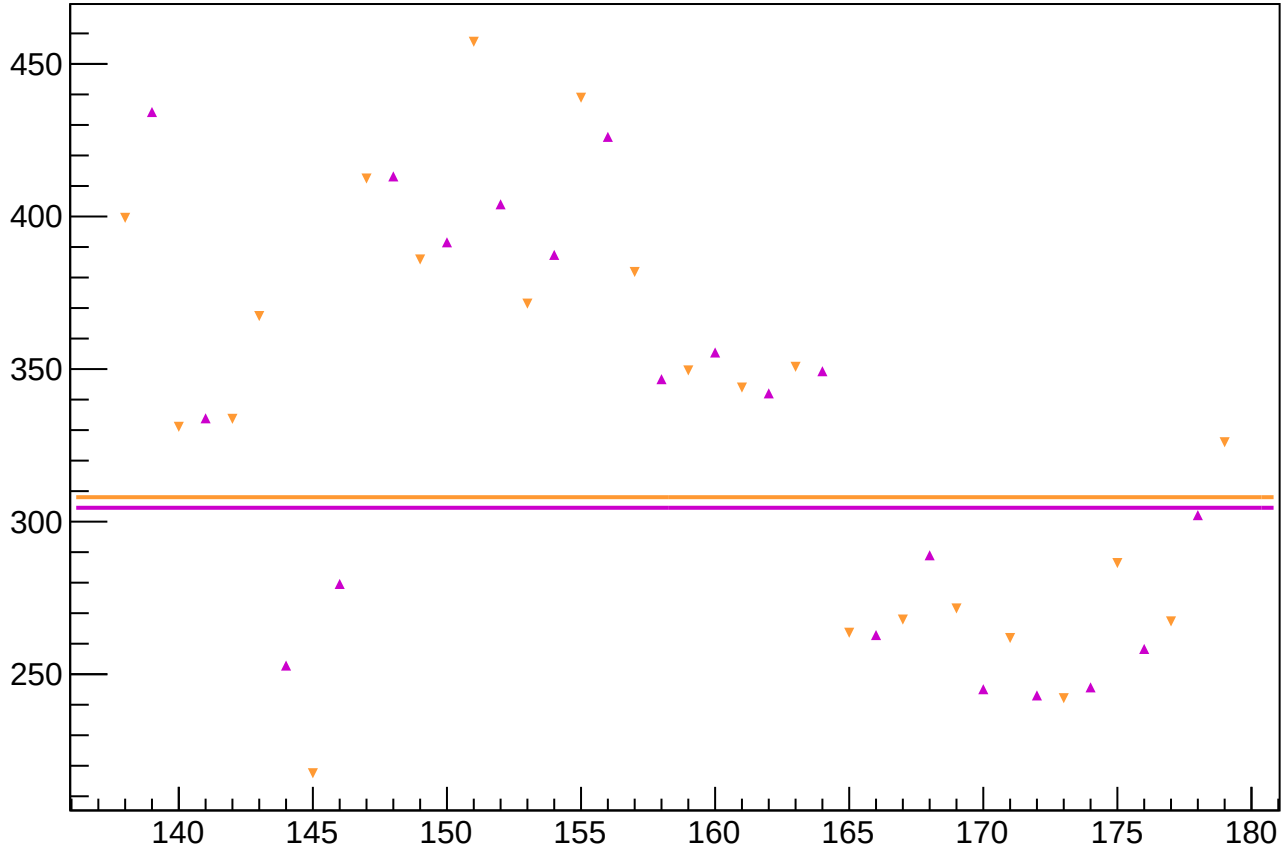
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -43.354+/-78.538 χ^2/NDF:27.0/19

Out: 226.182+/-77.287 χ^2/NDF:43.0/21

All: 93.577+/-55.087 χ^2/NDF: 76.0/41

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: 308.014+/-0.055 χ^2/NDF:1331362.3/21

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

Left In: 304.546+/-0.056 χ^2/NDF:1198403.6/19

Left: 306.308+/-0.039 χ^2/NDF: 2531747.7/41

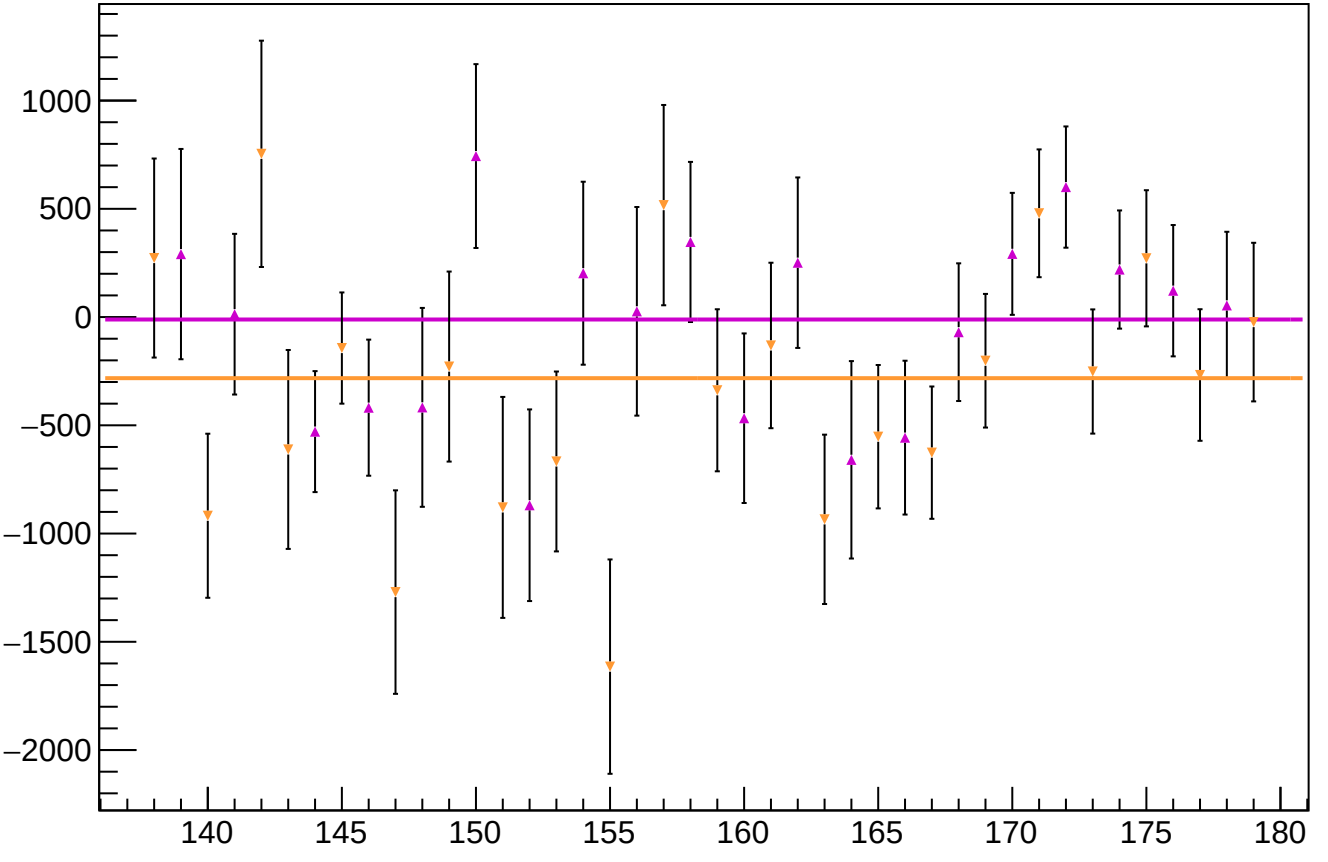
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 304.546+/-0.056 χ^2/NDF:1198403.6/19

Out: 308.014+/-0.055 χ^2/NDF:1331362.3/21

All: 306.308+/-0.039 χ^2/NDF: 2531747.7/41

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -282.286+/-77.565 χ^2/NDF:41.1/21

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

Left In: -11.279+/-78.832 χ^2/NDF:27.5/19

Left: -148.978+/-55.289 χ^2/NDF: 74.6/41

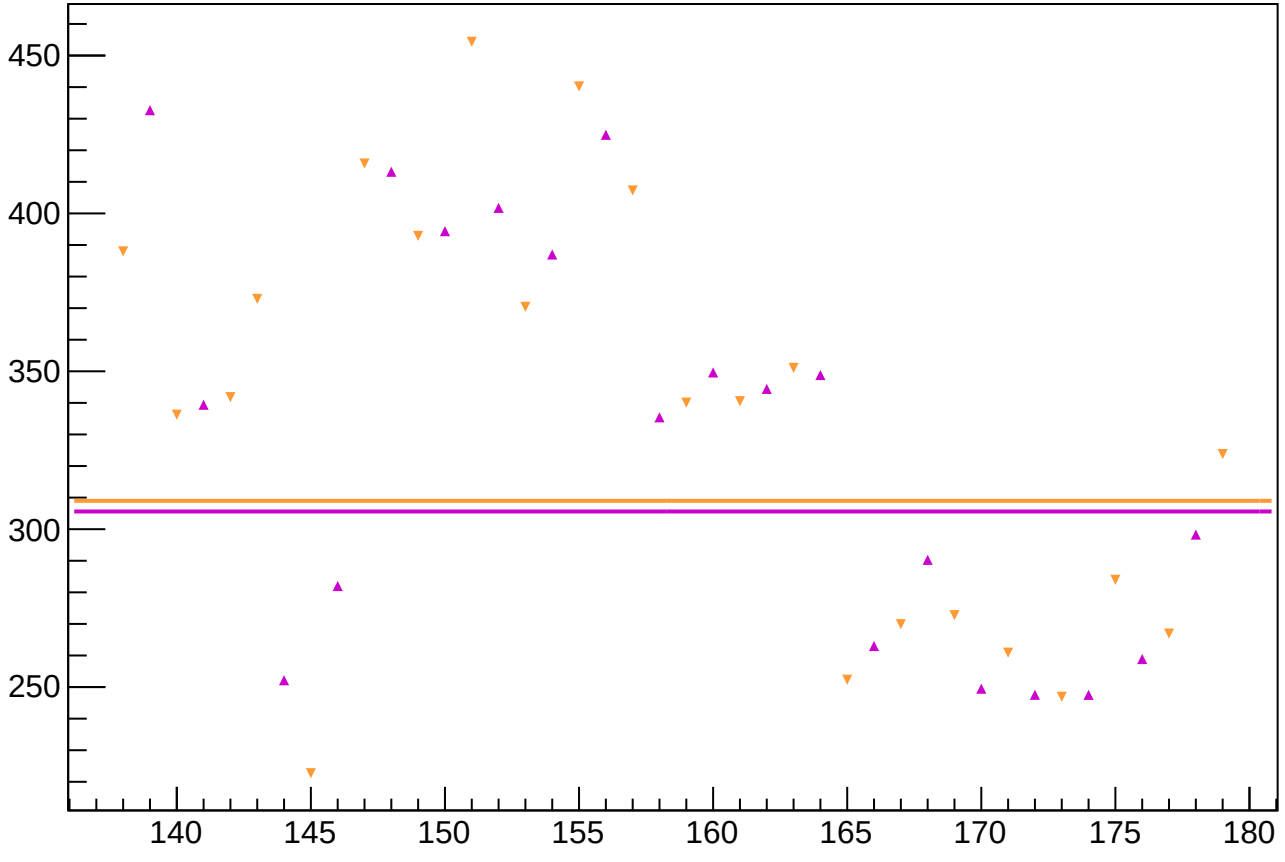
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.279+/-78.832 χ^2/NDF:27.5/19

Out: -282.286+/-77.565 χ^2/NDF:41.1/21

All: -148.978+/-55.289 χ^2/NDF: 74.6/41

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 308.994+/-0.055 χ^2/NDF:1325052.4/21

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

Left In: 305.607+/-0.056 χ^2/NDF:1139449.8/19

Left: 307.328+/-0.039 χ^2/NDF: 2466377.5/41

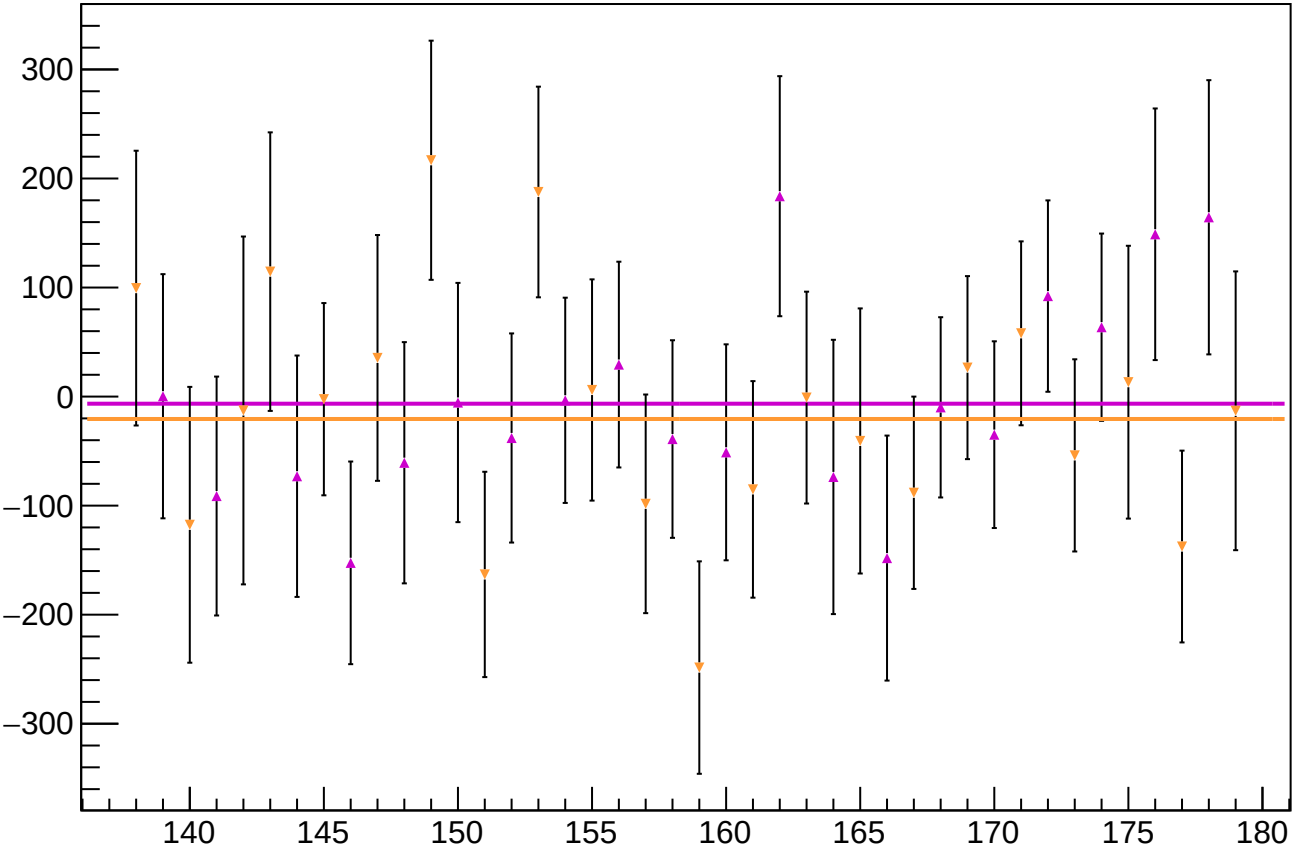
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 305.607+/-0.056 χ^2/NDF:1139449.8/19

Out: 308.994+/-0.055 χ^2/NDF:1325052.4/21

All: 307.328+/-0.039 χ^2/NDF: 2466377.5/41

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: -20.544+/-21.780 χ^2/NDF:24.9/21

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

Left In: -6.530+/-22.390 χ^2/NDF:14.8/19

Left: -13.731+/-15.612 χ^2/NDF: 39.9/41

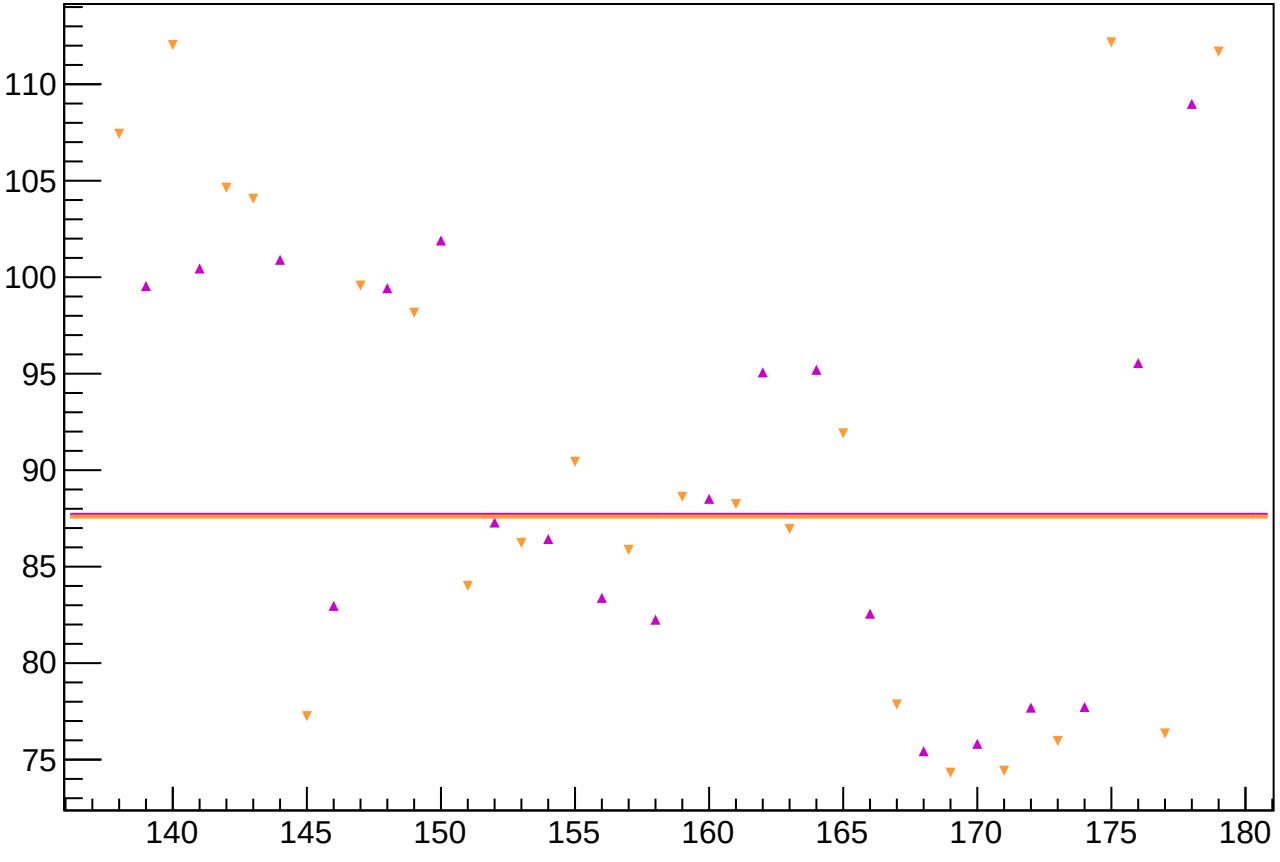
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.530+/-22.390 χ^2/NDF:14.8/19

Out: -20.544+/-21.780 χ^2/NDF:24.9/21

All: -13.731+/-15.612 χ^2/NDF: 39.9/41

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 87.595+/-0.015 χ^2/NDF:596261.1/21

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

Left In: 87.684+/-0.016 χ^2/NDF:373409.5/19

Left: 87.638+/-0.011 χ^2/NDF: 969686.8/41

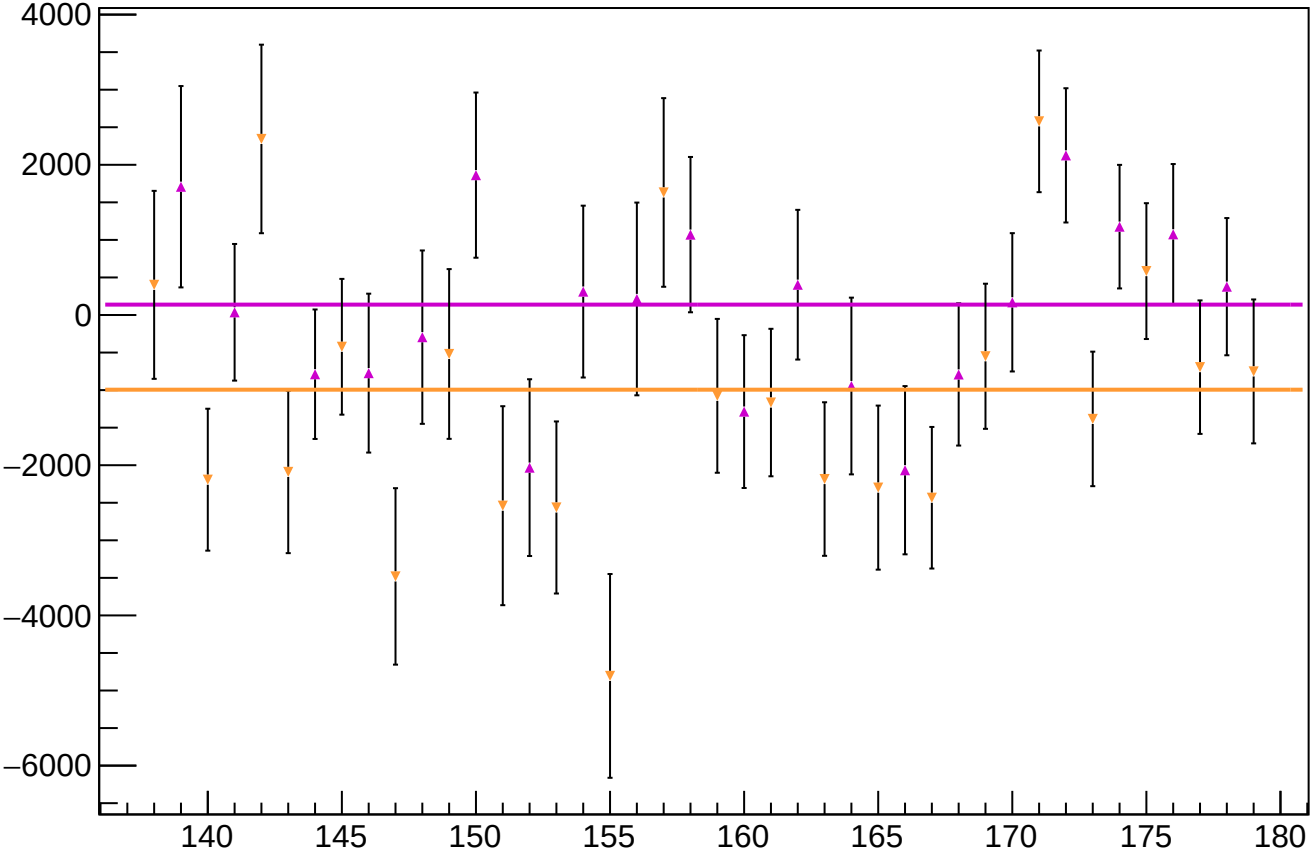
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 87.684+/-0.016 χ^2/NDF:373409.5/19

Out: 87.595+/-0.015 χ^2/NDF:596261.1/21

All: 87.638+/-0.011 χ^2/NDF: 969686.8/41

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: -994.415+/-221.296 χ^2/NDF:54.6/21

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

Left In: 138.282+/-226.647 χ^2/NDF:25.4/19

Left: -441.597+/-158.338 χ^2/NDF: 92.9/41

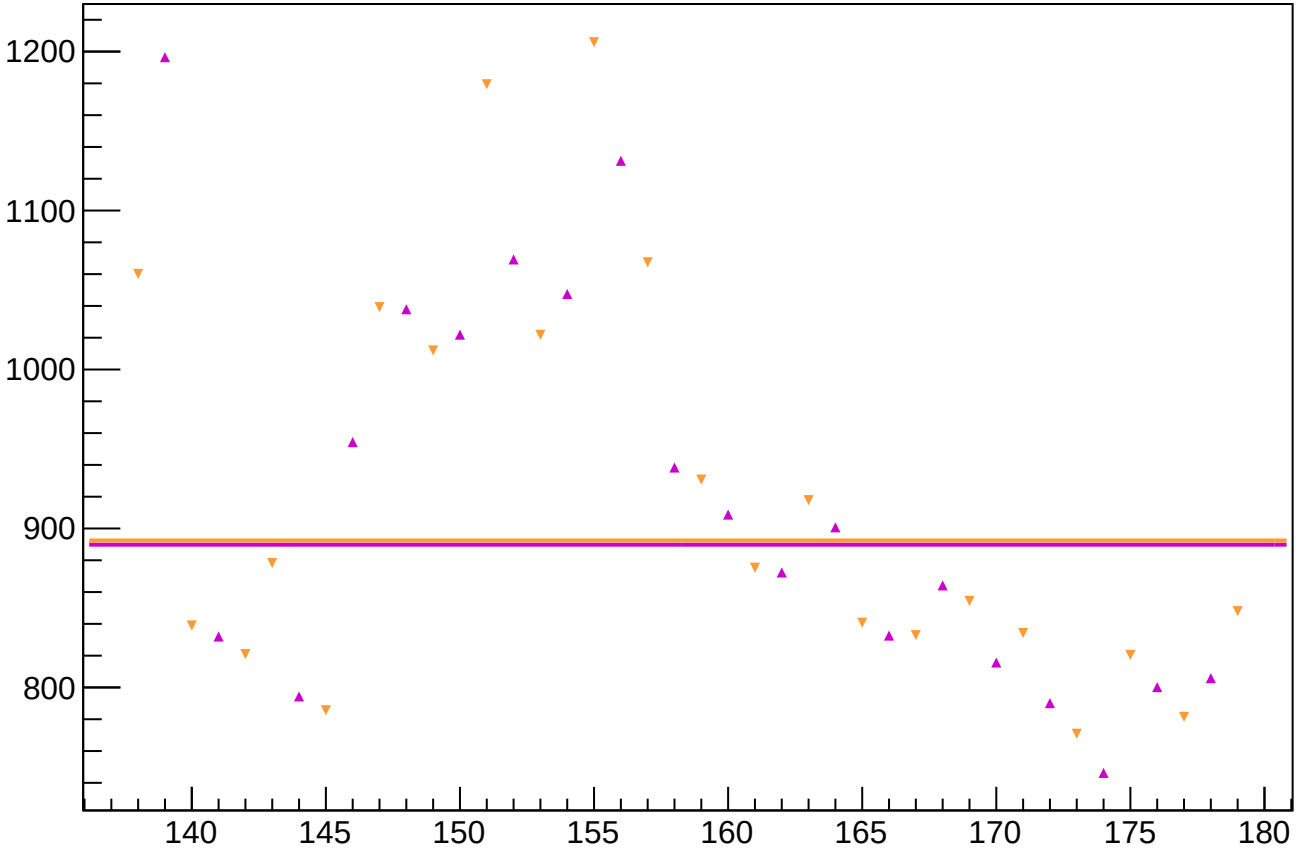
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 138.282+/-226.647 χ^2/NDF:25.4/19

Out: -994.415+/-221.296 χ^2/NDF:54.6/21

All: -441.597+/-158.338 χ^2/NDF: 92.9/41

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: 892.450+/-0.156 χ^2/NDF:508472.4/21

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

Left In: 889.806+/-0.160 χ^2/NDF:508335.1/19

Left: 891.160+/-0.112 χ^2/NDF: 1016946.8/41

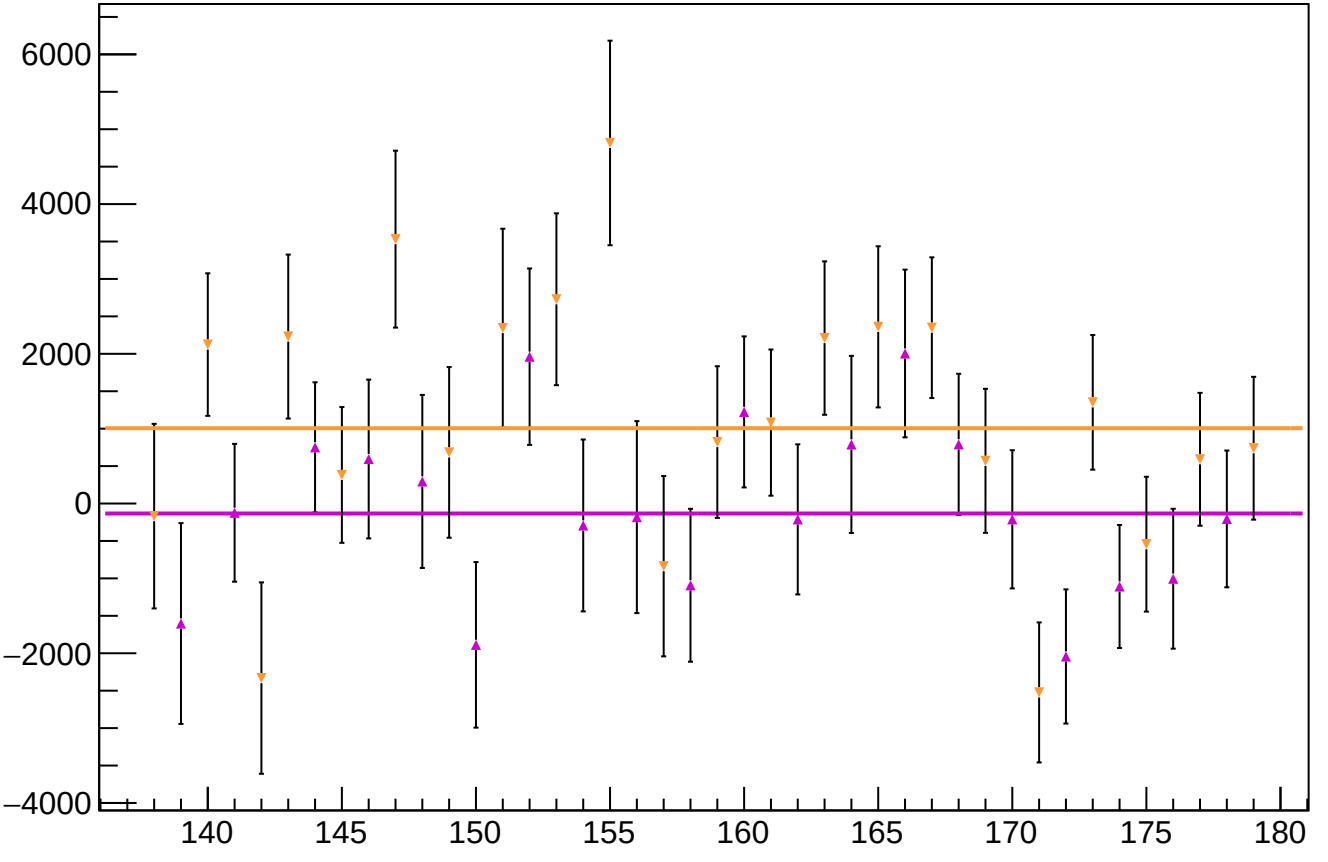
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 889.806+/-0.160 χ^2/NDF:508335.1/19

Out: 892.450+/-0.156 χ^2/NDF:508472.4/21

All: 891.160+/-0.112 χ^2/NDF: 1016946.8/41

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 1006.192+/-220.895 χ^2/NDF:51.8/21

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

Left In: -133.258+/-226.923 χ^2/NDF:23.3/19

Left: 451.802+/-158.285 χ^2/NDF: 88.0/41

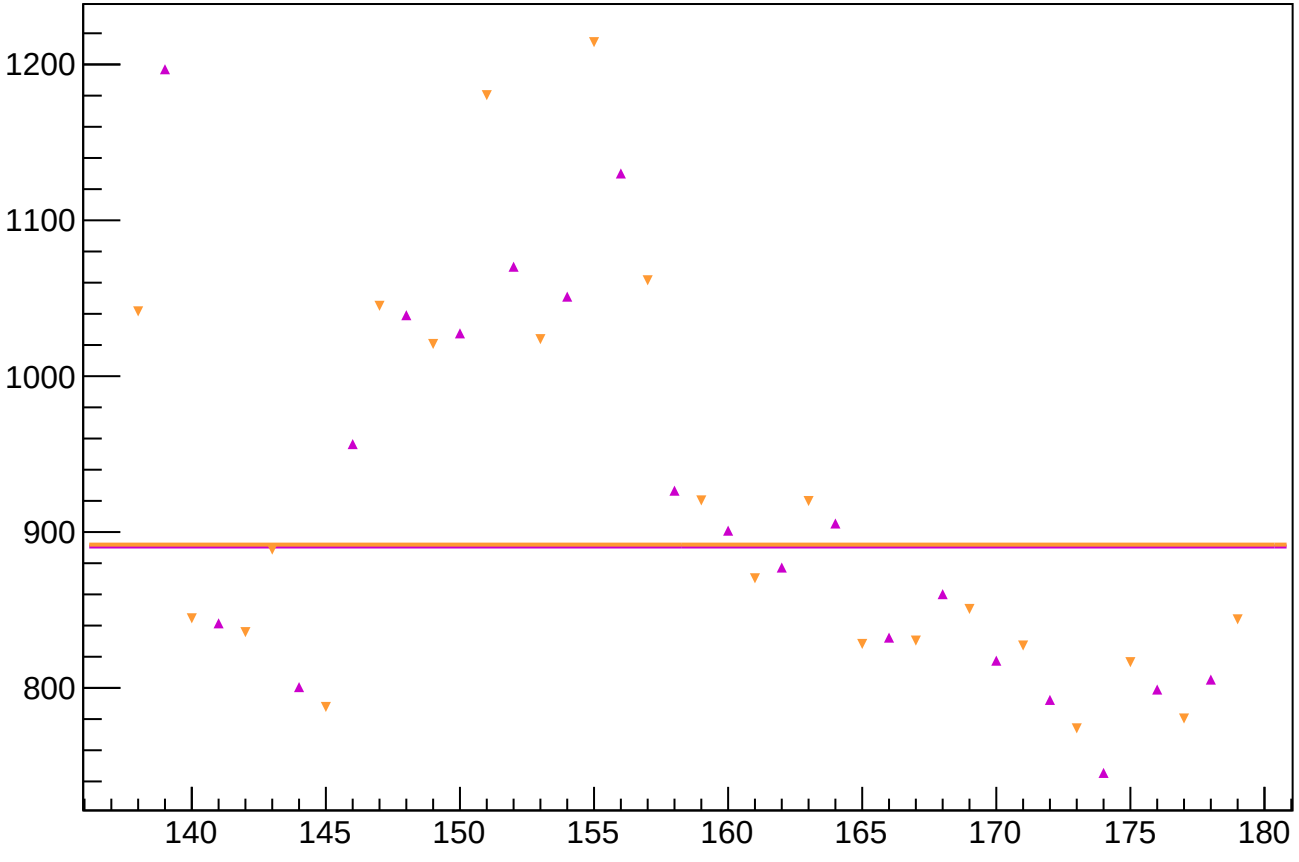
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -133.258+/-226.923 χ^2/NDF:23.3/19

Out: 1006.192+/-220.895 χ^2/NDF:51.8/21

All: 451.802+/-158.285 χ^2/NDF: 88.0/41

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 891.942+/-0.156 χ^2/NDF:513603.6/21

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

Left In: 890.722+/-0.160 χ^2/NDF:504665.3/19

Left: 891.349+/-0.112 χ^2/NDF: 1018298.6/41

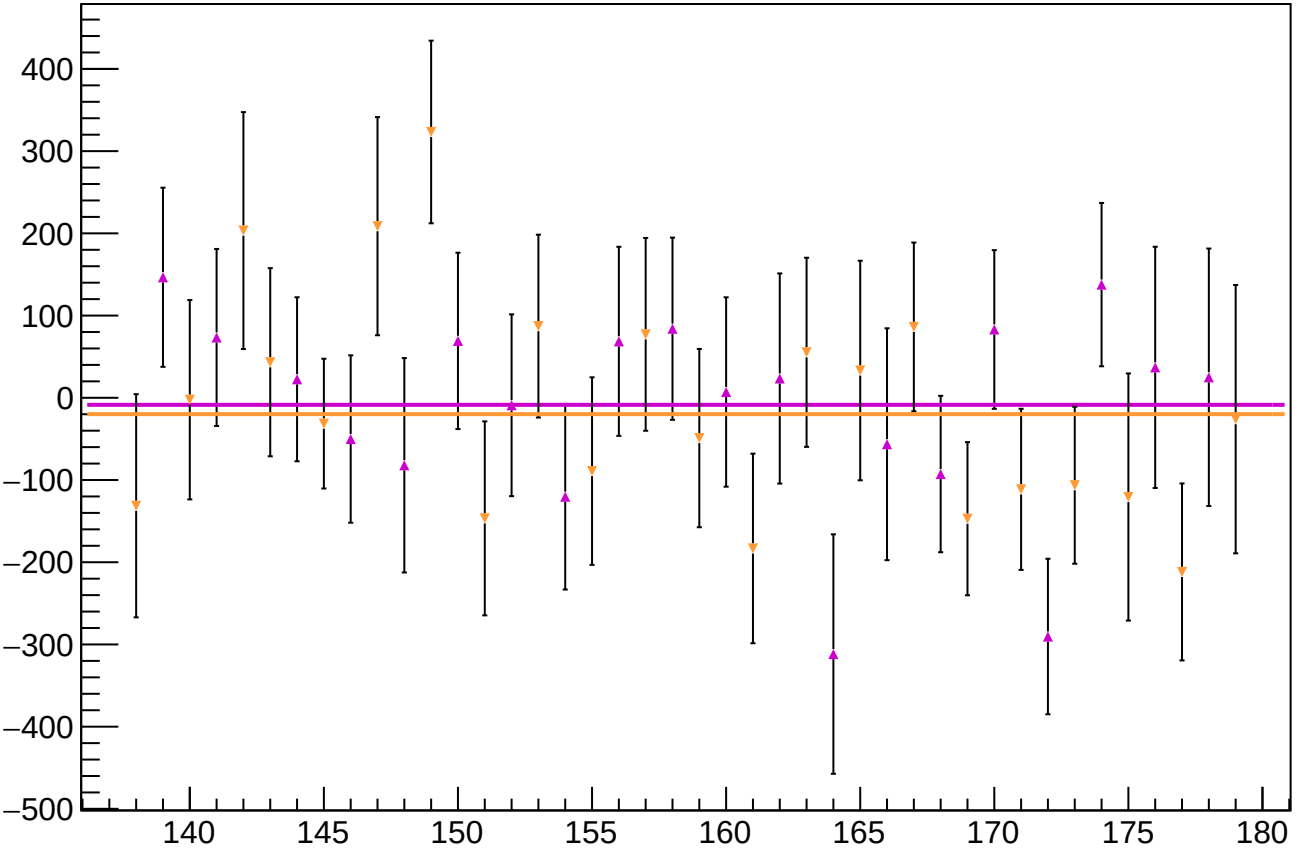
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 890.722+/-0.160 χ^2/NDF:504665.3/19

Out: 891.942+/-0.156 χ^2/NDF:513603.6/21

All: 891.349+/-0.112 χ^2/NDF: 1018298.6/41

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: -19.878+/-24.028 χ^2/NDF:30.0/21

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

Left In: -8.545+/-25.133 χ^2/NDF:23.3/19

Left: -14.466+/-17.368 χ^2/NDF: 53.4/41

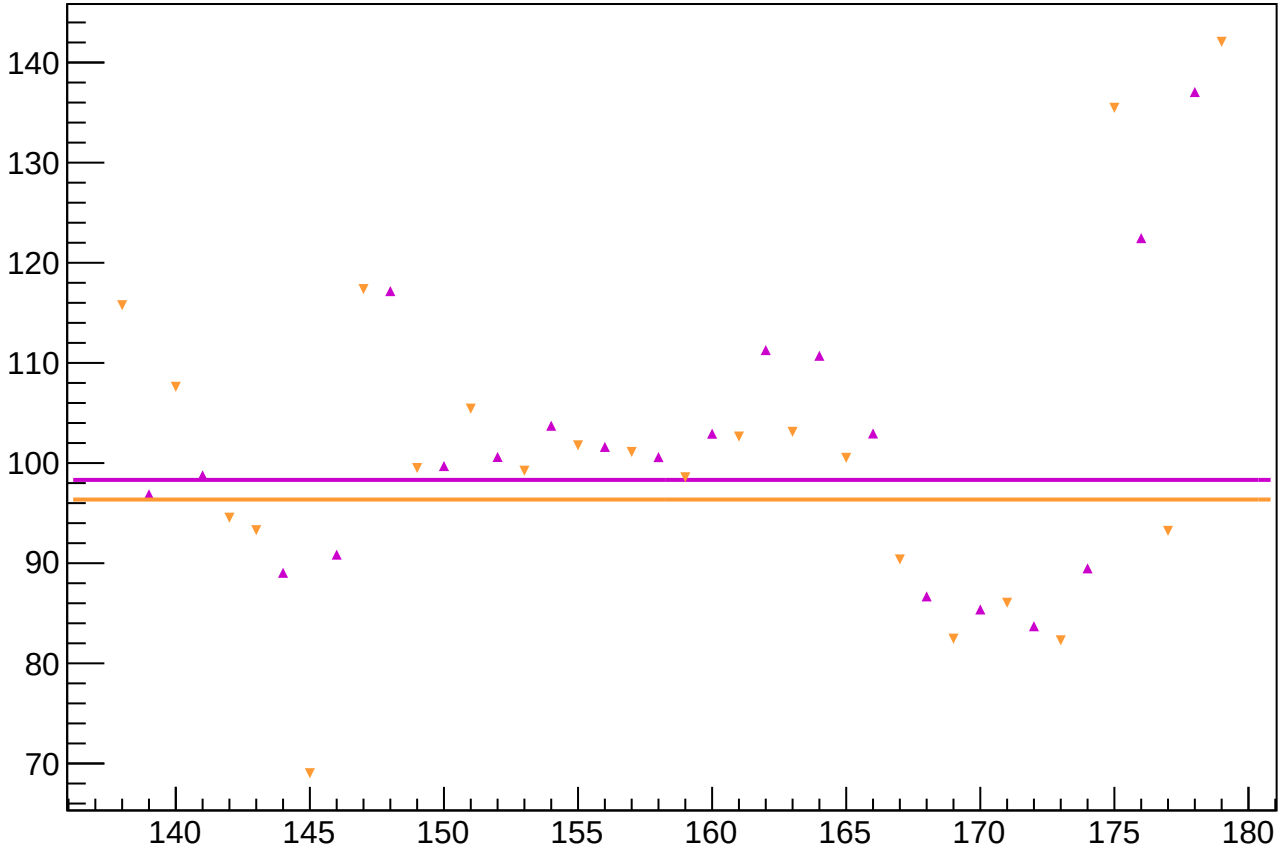
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.545+/-25.133 χ^2/NDF:23.3/19

Out: -19.878+/-24.028 χ^2/NDF:30.0/21

All: -14.466+/-17.368 χ^2/NDF: 53.4/41

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 96.358+/-0.017 χ^2/NDF:799062.7/21

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

Left In: 98.319+/-0.018 χ^2/NDF:424966.1/19

Left: 97.294+/-0.012 χ^2/NDF: 1230392.6/41

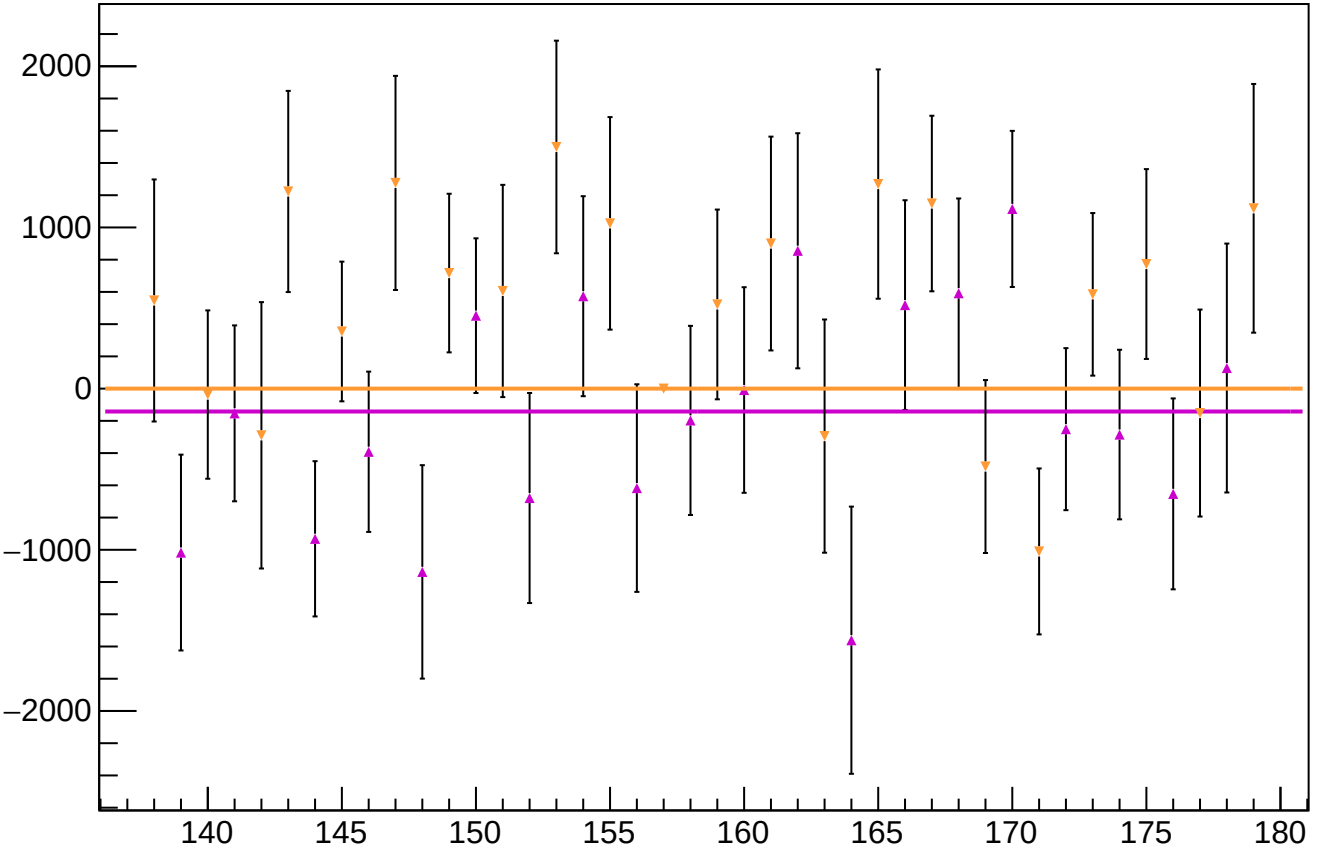
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 98.319+/-0.018 χ^2/NDF:424966.1/19

Out: 96.358+/-0.017 χ^2/NDF:799062.7/21

All: 97.294+/-0.012 χ^2/NDF: 1230392.6/41

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:39.7/21

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

Left In: -141.998+/-130.498 χ^2/NDF:26.5/19

Left: -0.000+/-0.000 χ^2/NDF: 67.4/41

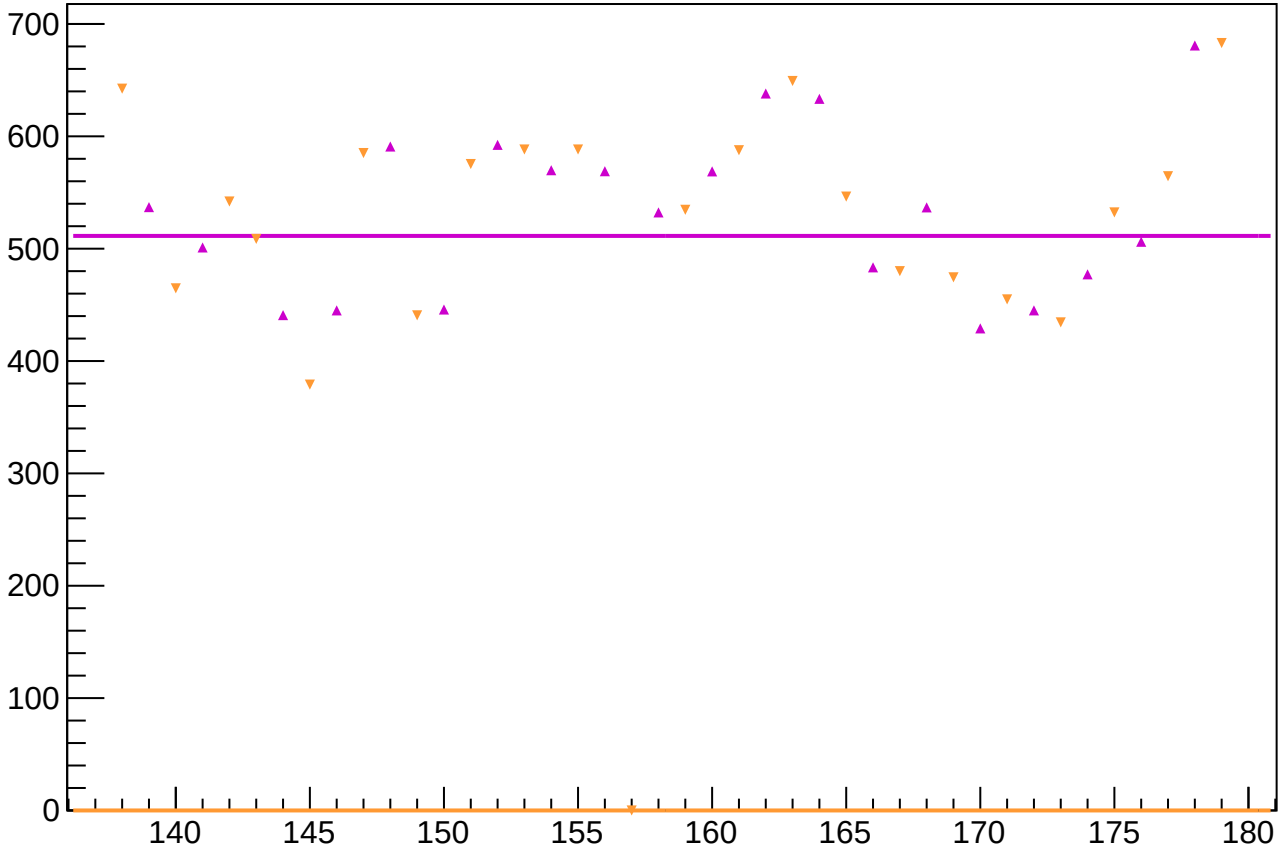
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -141.998+/-130.498 χ^2/NDF:26.5/19

Out: -0.000+/-0.000 χ^2/NDF:39.7/21

All: -0.000+/-0.000 χ^2/NDF: 67.4/41

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:31552506.3/21

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

Left In: 511.368+/-0.092 χ^2/NDF:540852.0/19

Left: 0.000+/-0.000 χ^2/NDF: 62804193.1/41

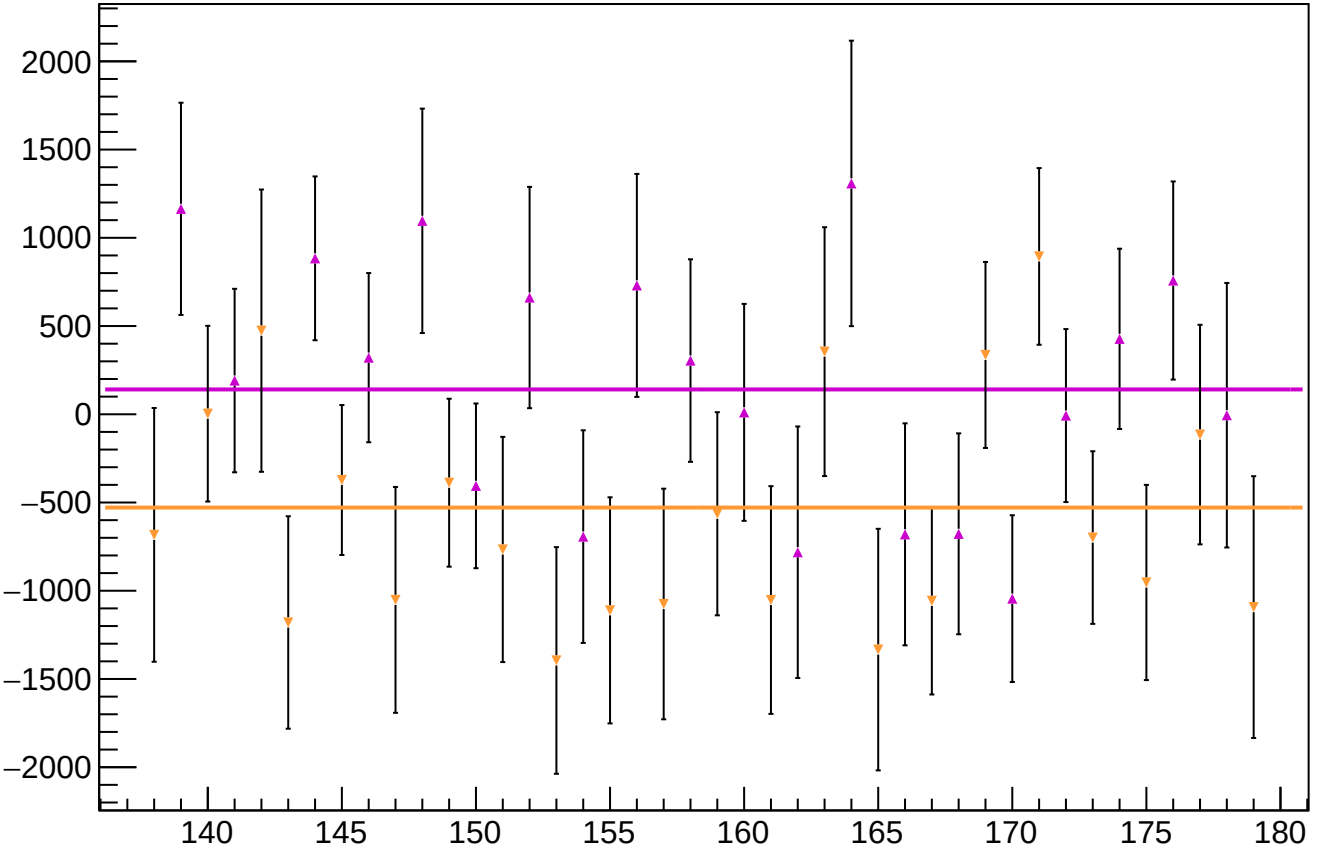
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 511.368+/-0.092 χ^2/NDF:540852.0/19

Out: 0.000+/-0.000 χ^2/NDF:31552506.3/21

All: 0.000+/-0.000 χ^2/NDF: 62804193.1/41

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -528.629+/-124.120 χ^2/NDF:25.4/21

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

Left In: 140.731+/-126.439 χ^2/NDF:28.3/19

Left: -200.146+/-88.575 χ^2/NDF: 68.0/41

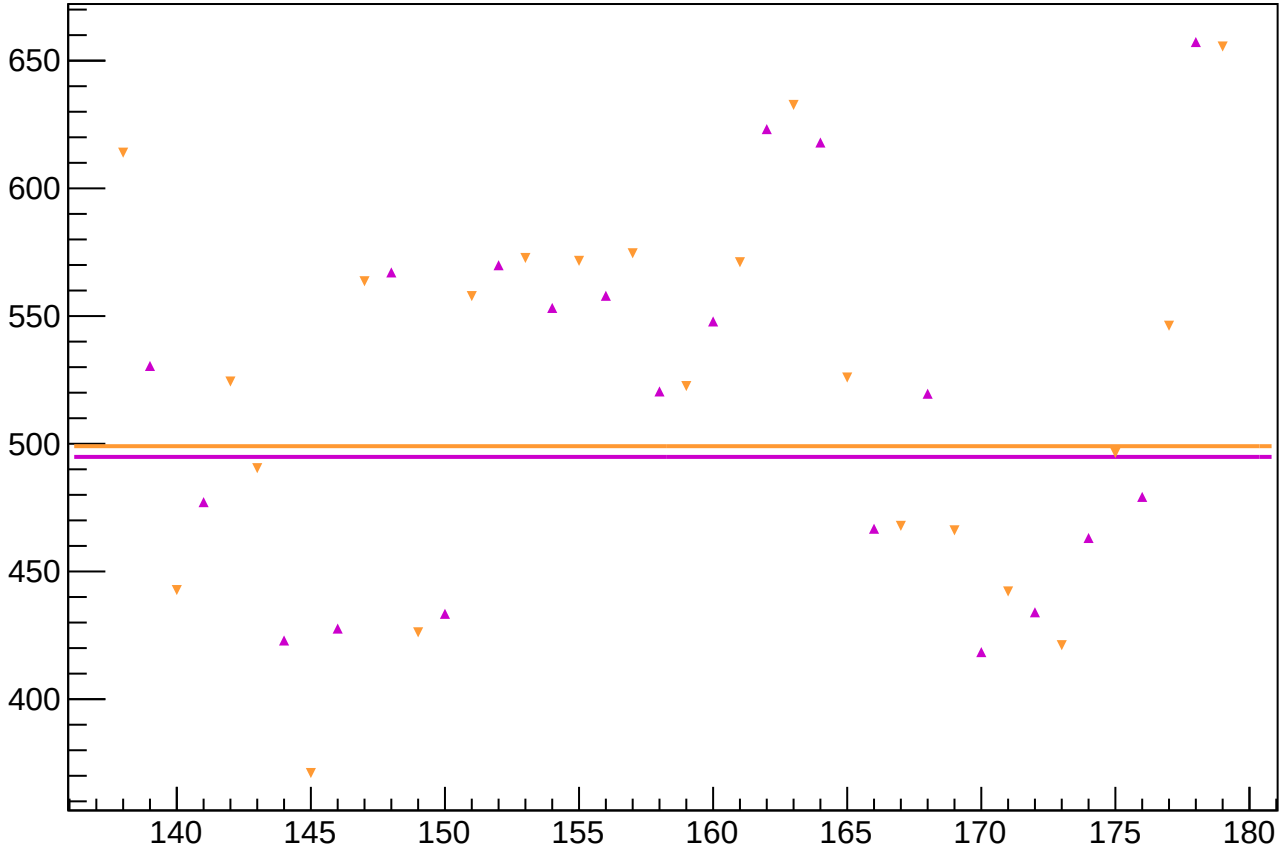
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 140.731+/-126.439 χ^2/NDF:28.3/19

Out: -528.629+/-124.120 χ^2/NDF:25.4/21

All: -200.146+/-88.575 χ^2/NDF: 68.0/41

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 499.052+/-0.088 χ^2/NDF:718591.0/21

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

Left In: 494.860+/-0.089 χ^2/NDF:548650.2/19

Left: 496.995+/-0.063 χ^2/NDF: 1268360.7/41

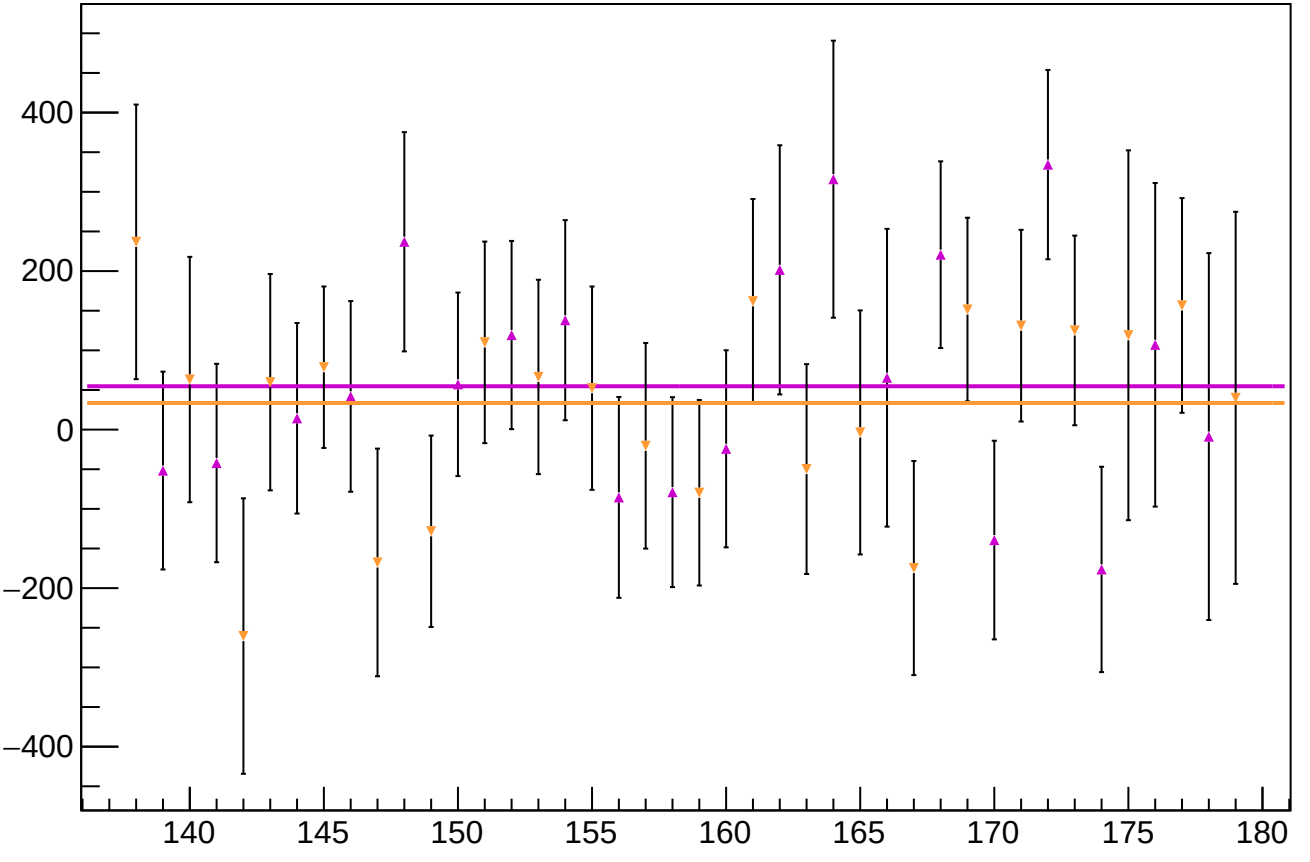
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 494.860+/-0.089 χ^2/NDF:548650.2/19

Out: 499.052+/-0.088 χ^2/NDF:718591.0/21

All: 496.995+/-0.063 χ^2/NDF: 1268360.7/41

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 33.578+/-28.691 χ^2/NDF:16.9/21

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

Left In: 54.709+/-29.704 χ^2/NDF:23.1/19

Left: 43.777+/-20.636 χ^2/NDF: 40.2/41

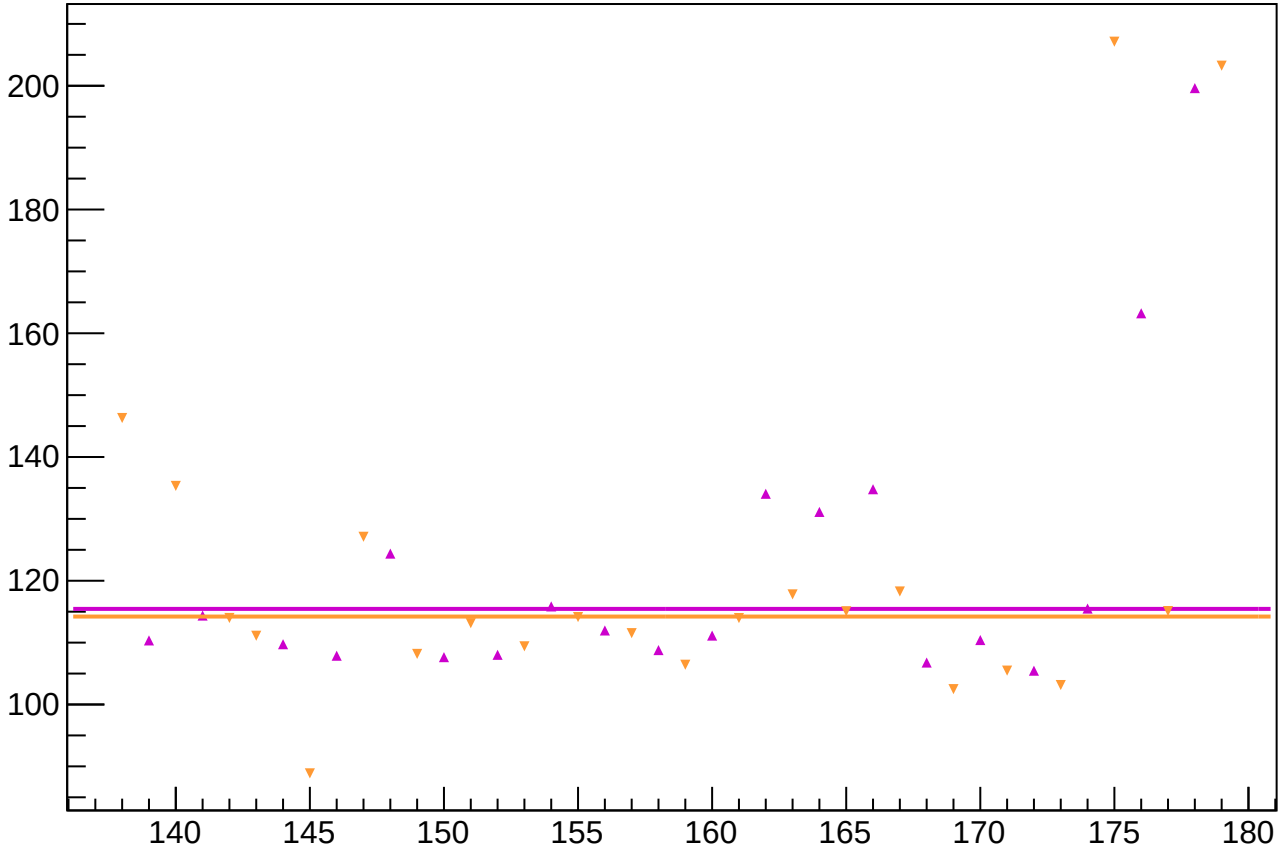
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 54.709+/-29.704 χ^2/NDF:23.1/19

Out: 33.578+/-28.691 χ^2/NDF:16.9/21

All: 43.777+/-20.636 χ^2/NDF: 40.2/41

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 114.213+/-0.020 χ^2/NDF:921160.5/21

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

Left In: 115.452+/-0.021 χ^2/NDF:518731.2/19

Left: 114.811+/-0.015 χ^2/NDF: 1441690.0/41

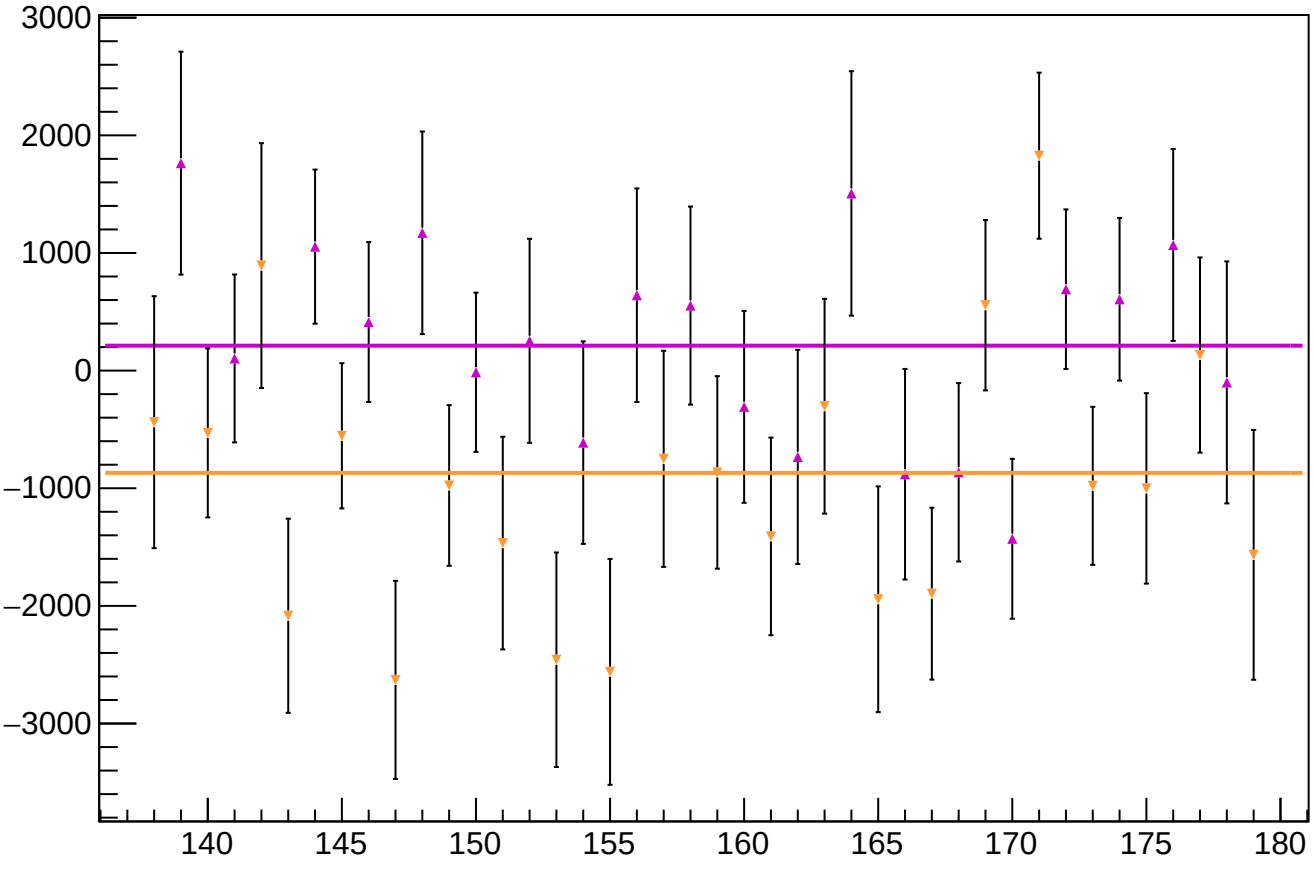
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 115.452+/-0.021 χ^2/NDF:518731.2/19

Out: 114.213+/-0.020 χ^2/NDF:921160.5/21

All: 114.811+/-0.015 χ^2/NDF: 1441690.0/41

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -869.019+/-173.698 χ^2/NDF:41.1/21

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

Left In: 212.014+/-177.029 χ^2/NDF:21.5/19

Left: -338.770+/-123.984 χ^2/NDF: 81.6/41

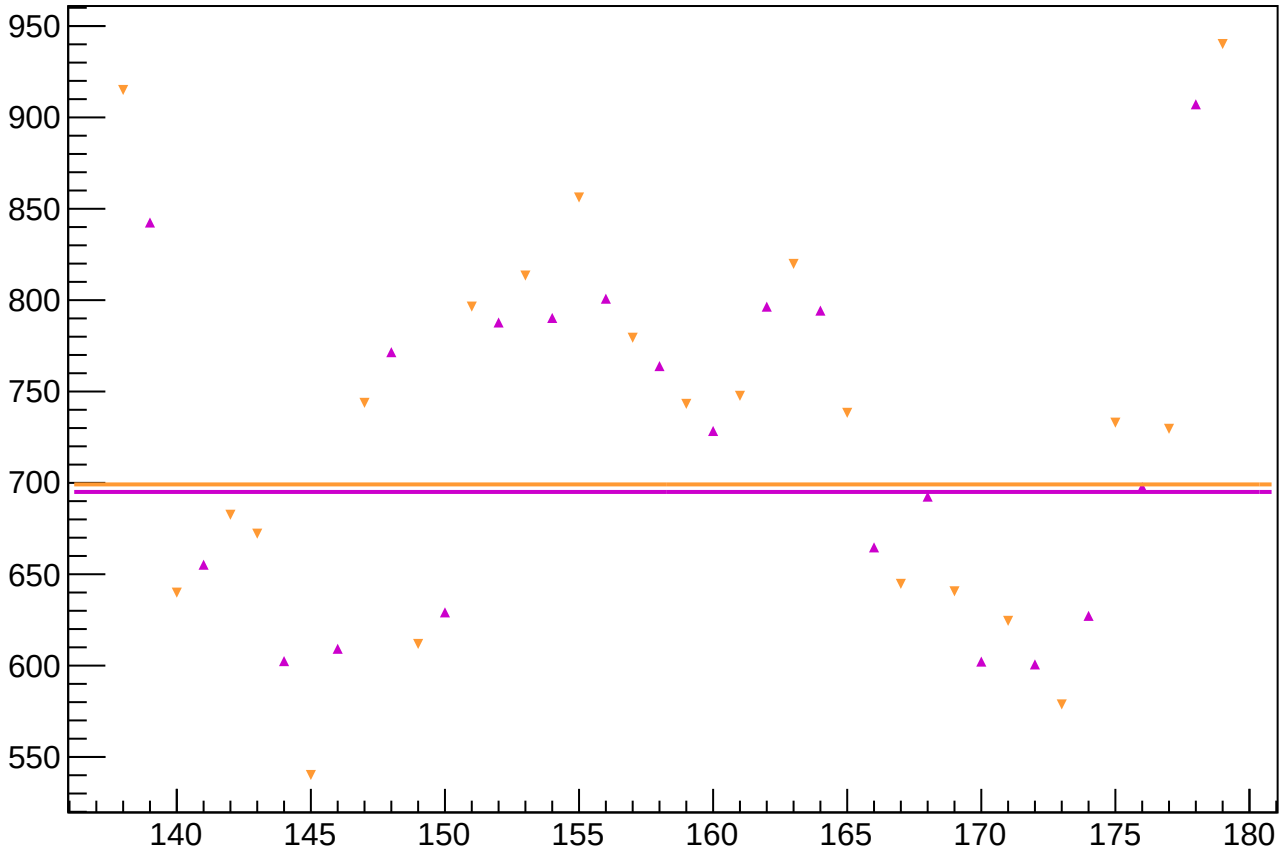
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 212.014+/-177.029 χ^2/NDF:21.5/19

Out: -869.019+/-173.698 χ^2/NDF:41.1/21

All: -338.770+/-123.984 χ^2/NDF: 81.6/41

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 699.158+/-0.123 χ^2/NDF:662556.3/21

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

Left In: 695.037+/-0.125 χ^2/NDF:478191.9/19

Left: 697.136+/-0.088 χ^2/NDF: 1141300.3/41

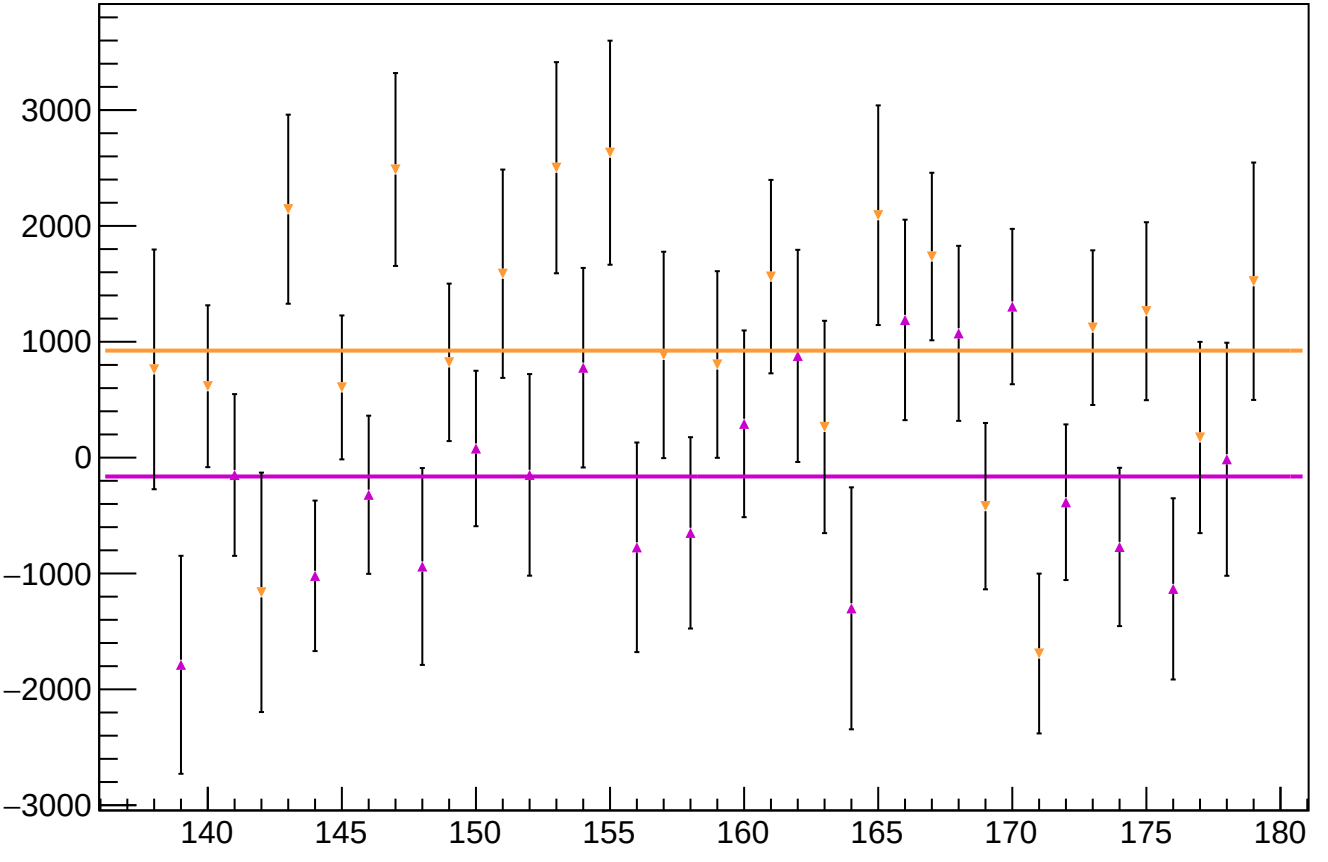
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 695.037+/-0.125 χ^2/NDF:478191.9/19

Out: 699.158+/-0.123 χ^2/NDF:662556.3/21

All: 697.136+/-0.088 χ^2/NDF: 1141300.3/41

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 923.779+/-171.530 χ^2/NDF:40.2/21

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

Left In: -162.782+/-175.122 χ^2/NDF:22.9/19

Left: 391.756+/-122.540 χ^2/NDF: 82.8/41

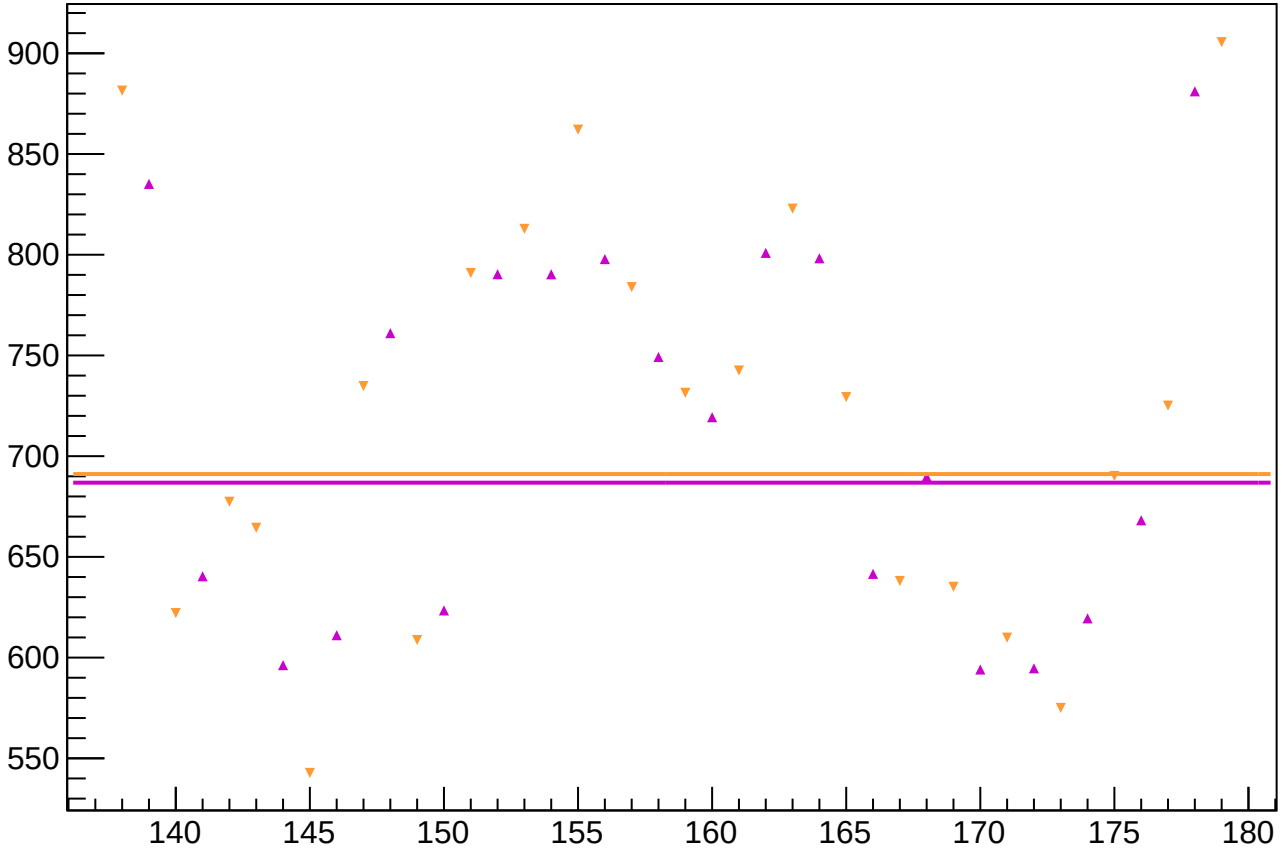
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -162.782+/-175.122 χ^2/NDF:22.9/19

Out: 923.779+/-171.530 χ^2/NDF:40.2/21

All: 391.756+/-122.540 χ^2/NDF: 82.8/41

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 691.116+/-0.121 χ^2/NDF:642686.2/21

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

Left In: 686.841+/-0.124 χ^2/NDF:487604.6/19

Left: 689.023+/-0.087 χ^2/NDF: 1130899.2/41

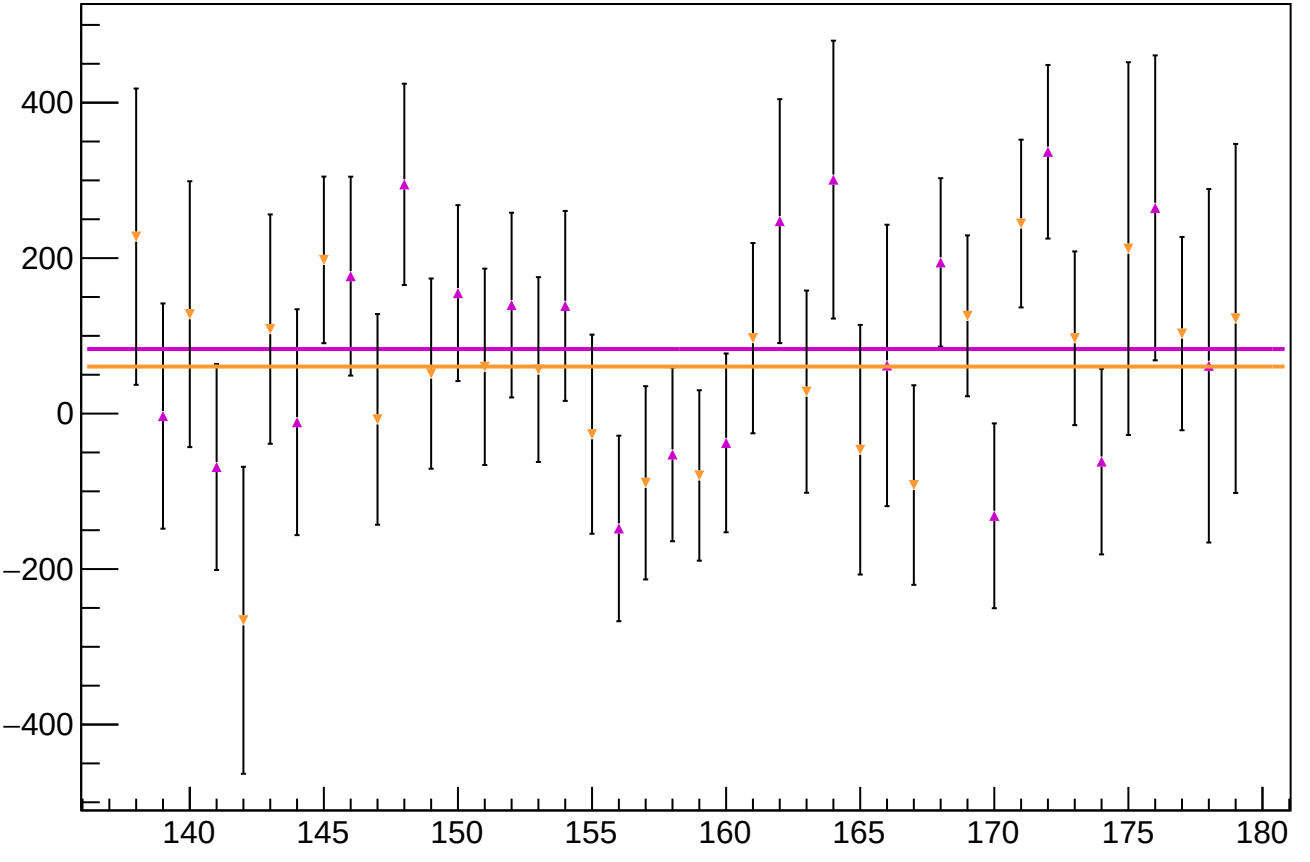
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 686.841+/-0.124 χ^2/NDF:487604.6/19

Out: 691.116+/-0.121 χ^2/NDF:642686.2/21

All: 689.023+/-0.087 χ^2/NDF: 1130899.2/41

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 60.508+/-28.054 χ^2/NDF:15.2/21

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

Left In: 83.025+/-29.252 χ^2/NDF:26.9/19

Left: 71.296+/-20.247 χ^2/NDF: 42.4/41

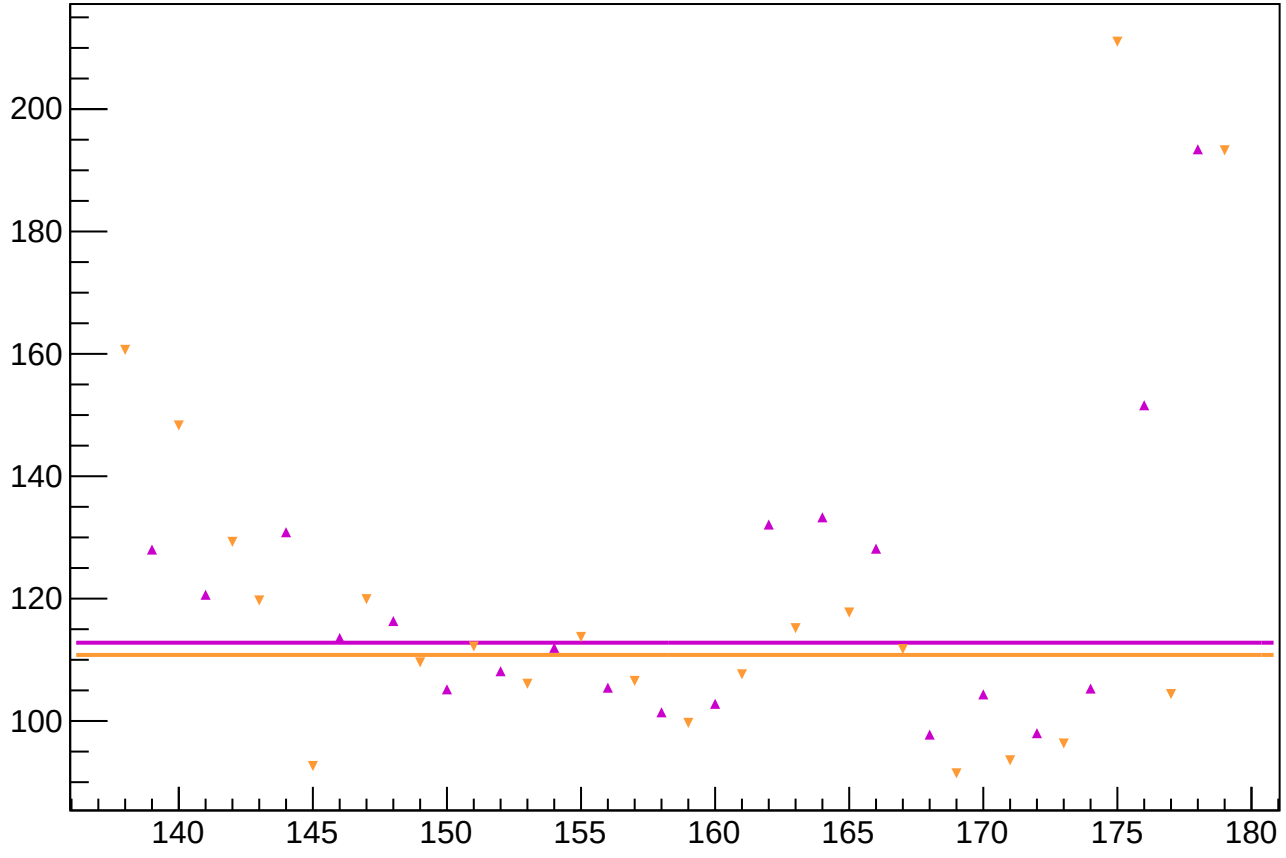
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 83.025+/-29.252 χ^2/NDF:26.9/19

Out: 60.508+/-28.054 χ^2/NDF:15.2/21

All: 71.296+/-20.247 χ^2/NDF: 42.4/41

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 110.796+/-0.020 χ^2/NDF:1138255.2/21

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

Left In: 112.793+/-0.021 χ^2/NDF:609561.2/19

Left: 111.753+/-0.014 χ^2/NDF: 1752672.3/41

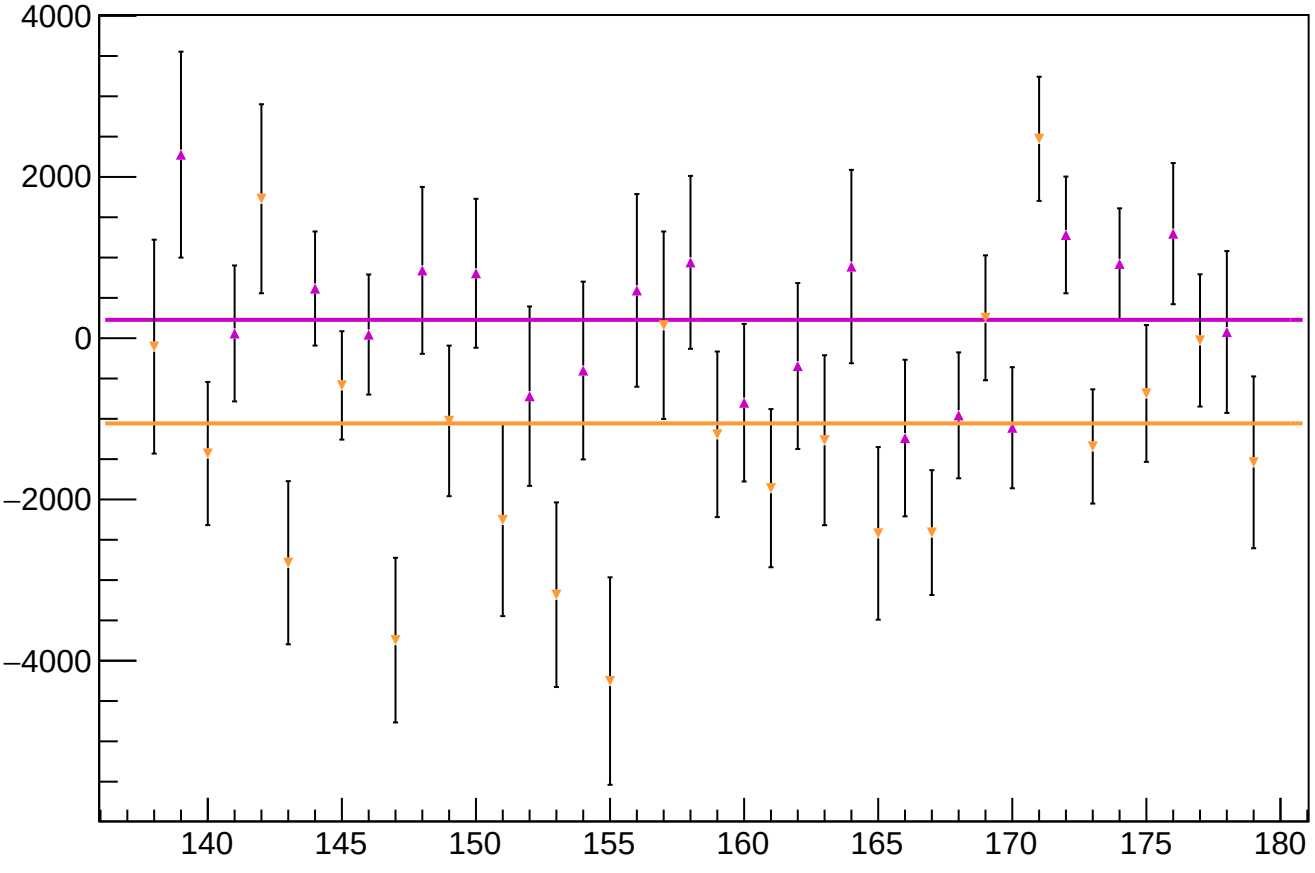
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 112.793+/-0.021 χ^2/NDF:609561.2/19

Out: 110.796+/-0.020 χ^2/NDF:1138255.2/21

All: 111.753+/-0.014 χ^2/NDF: 1752672.3/41

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1056.644+/-199.191 χ^2/NDF:59.8/21

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

Left In: 227.733+/-201.616 χ^2/NDF:19.4/19

Left: -422.226+/-141.699 χ^2/NDF: 99.8/41

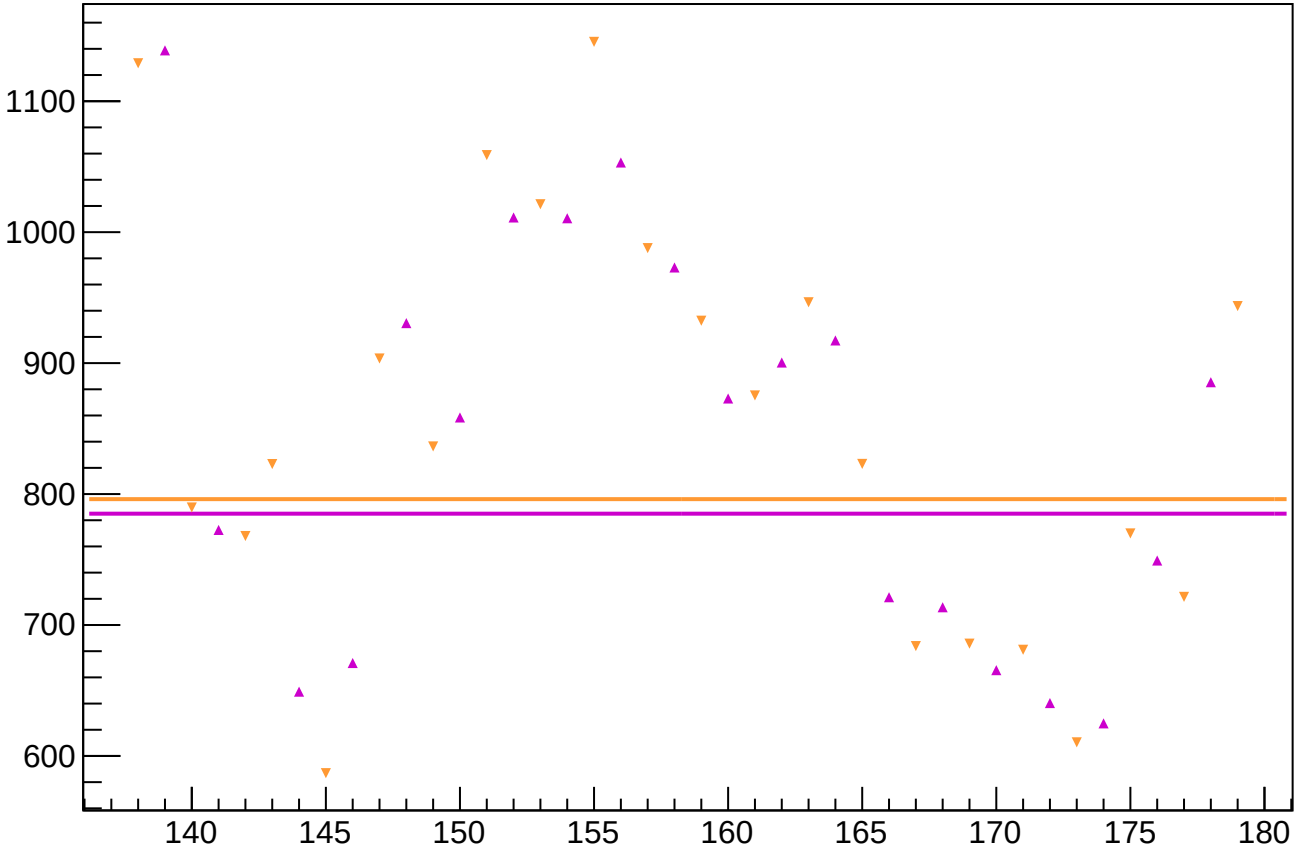
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 227.733+/-201.616 χ^2/NDF:19.4/19

Out: -1056.644+/-199.191 χ^2/NDF:59.8/21

All: -422.226+/-141.699 χ^2/NDF: 99.8/41

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 796.120+/-0.141 χ^2/NDF:1136265.6/21

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

Left In: 785.016+/-0.143 χ^2/NDF:1008503.5/19

Left: 790.635+/-0.100 χ^2/NDF: 2147838.8/41

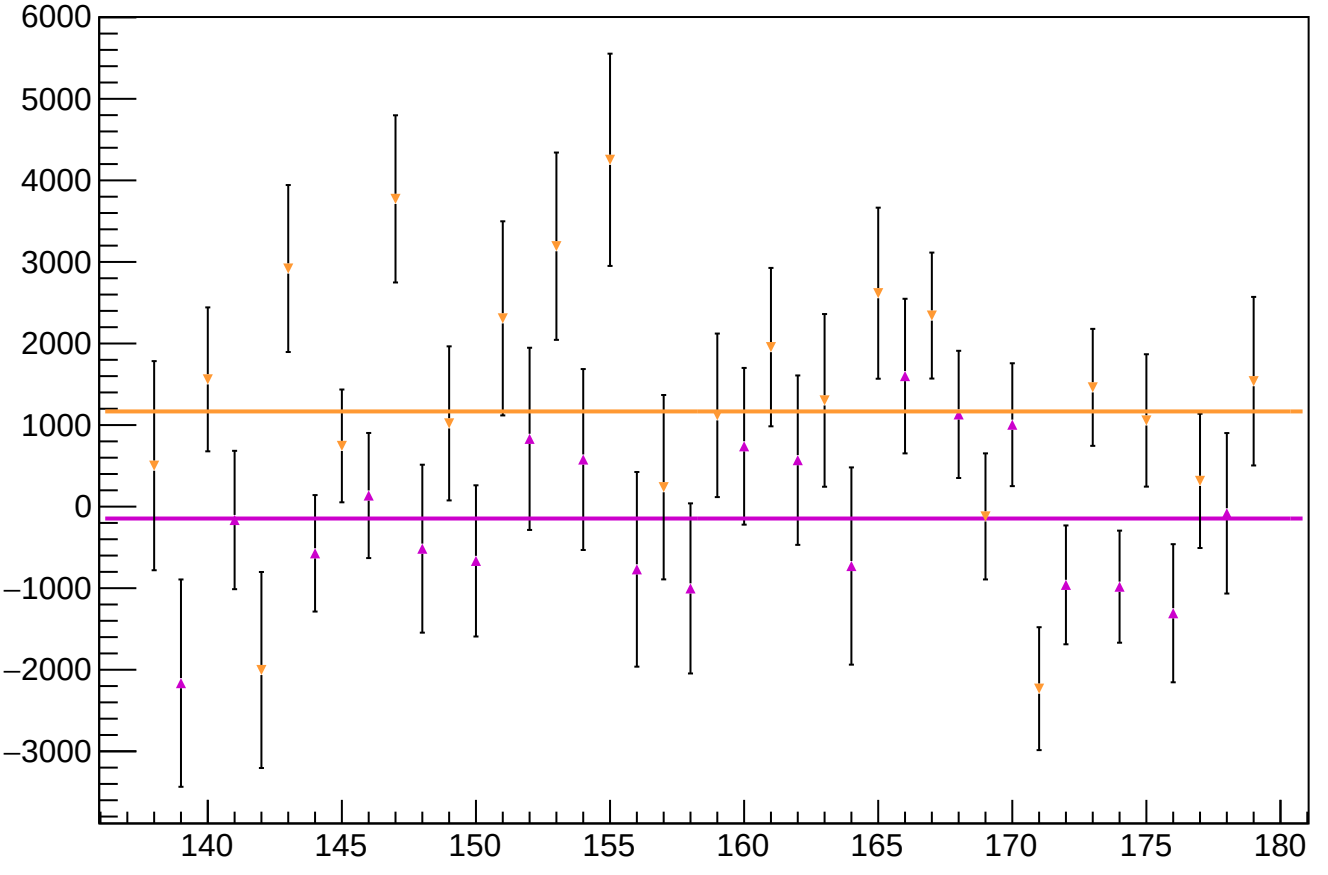
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 785.016+/-0.143 χ^2/NDF:1008503.5/19

Out: 796.120+/-0.141 χ^2/NDF:1136265.6/21

All: 790.635+/-0.100 χ^2/NDF: 2147838.8/41

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1167.126+/-198.478 χ^2/NDF:57.0/21

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

Left In: -145.841+/-201.385 χ^2/NDF:20.2/19

Left: 520.186+/-141.362 χ^2/NDF: 98.7/41

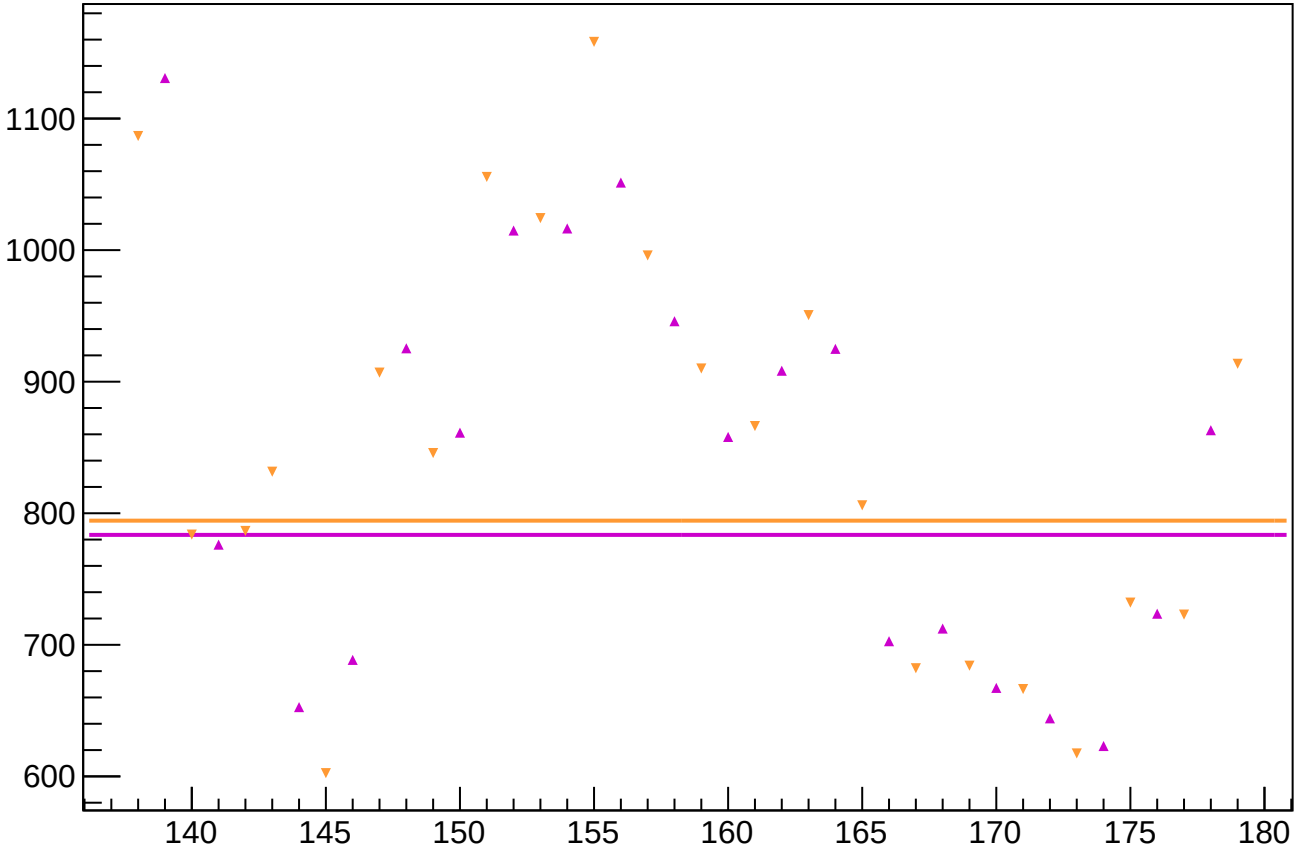
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -145.841+/-201.385 χ^2/NDF:20.2/19

Out: 1167.126+/-198.478 χ^2/NDF:57.0/21

All: 520.186+/-141.362 χ^2/NDF: 98.7/41

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 794.381+/-0.140 χ^2/NDF:1084868.5/21

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

Left In: 783.558+/-0.142 χ^2/NDF:974980.6/19

Left: 789.048+/-0.100 χ^2/NDF: 2062779.8/41

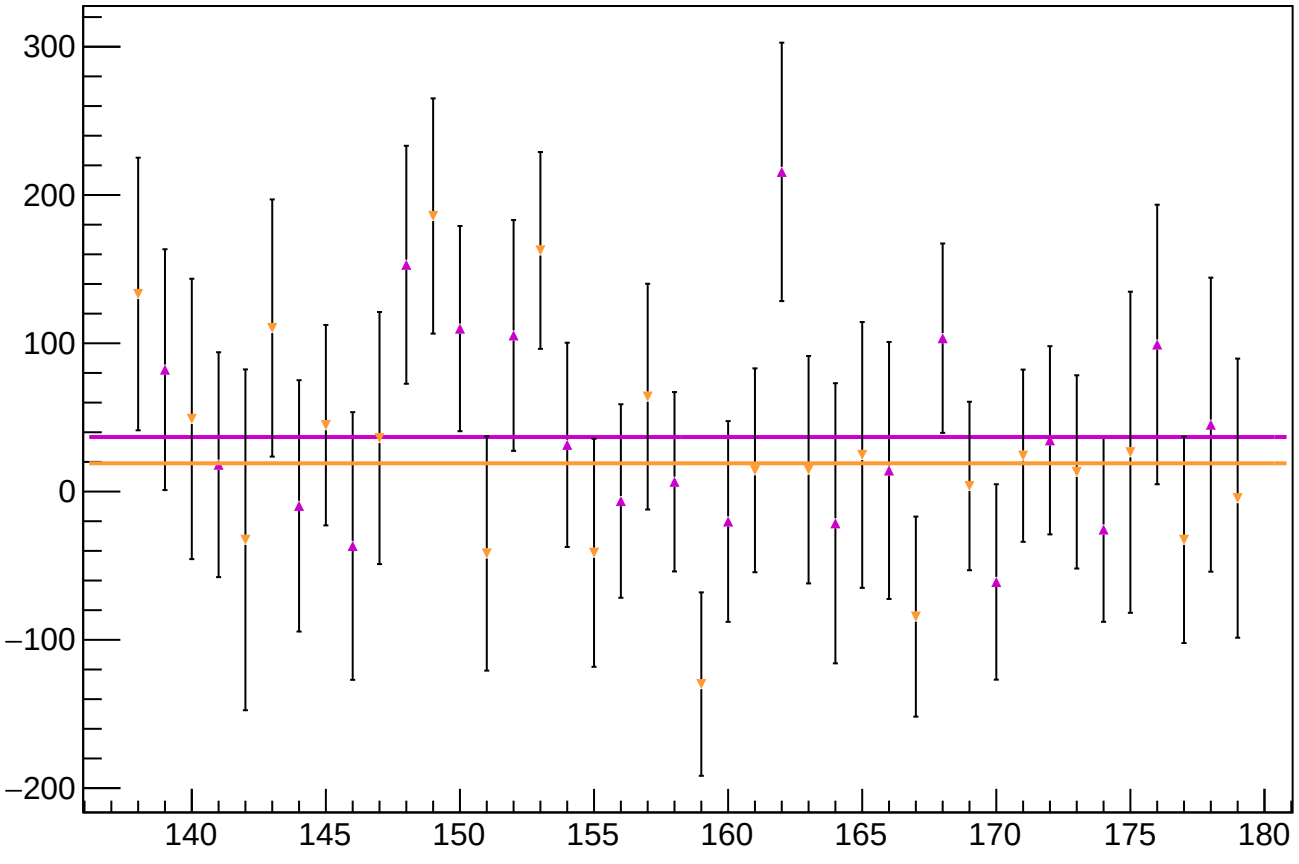
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 783.558+/-0.142 χ^2/NDF:974980.6/19

Out: 794.381+/-0.140 χ^2/NDF:1084868.5/21

All: 789.048+/-0.100 χ^2/NDF: 2062779.8/41

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 19.073+/-15.978 χ^2/NDF:22.7/21

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

Left In: 36.781+/-16.605 χ^2/NDF:16.1/19

Left: 27.586+/-11.513 χ^2/NDF: 39.4/41

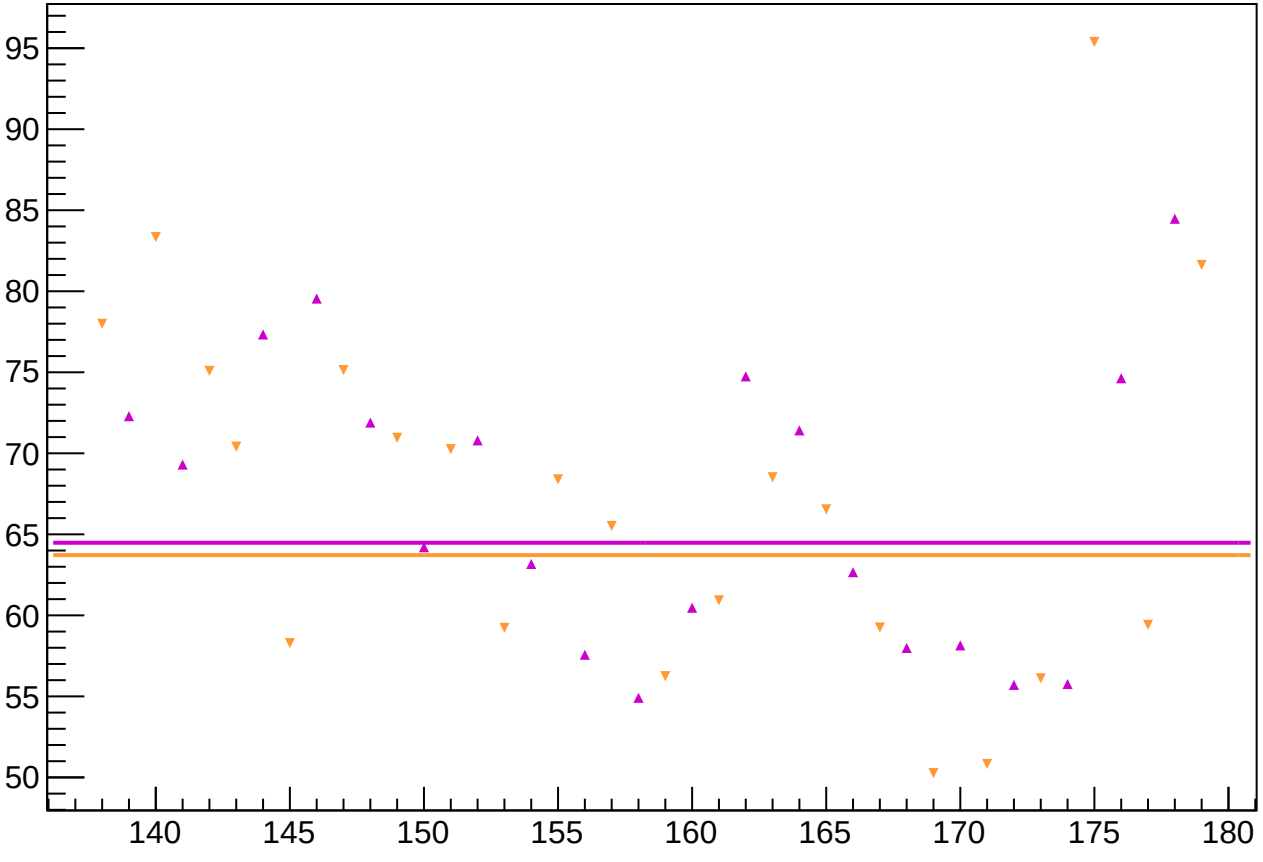
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 36.781+/-16.605 χ^2/NDF:16.1/19

Out: 19.073+/-15.978 χ^2/NDF:22.7/21

All: 27.586+/-11.513 χ^2/NDF: 39.4/41

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 63.720+/-0.011 χ^2/NDF:802853.6/21

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

Left In: 64.481+/-0.012 χ^2/NDF:499289.0/19

Left: 64.086+/-0.008 χ^2/NDF: 1304322.0/41

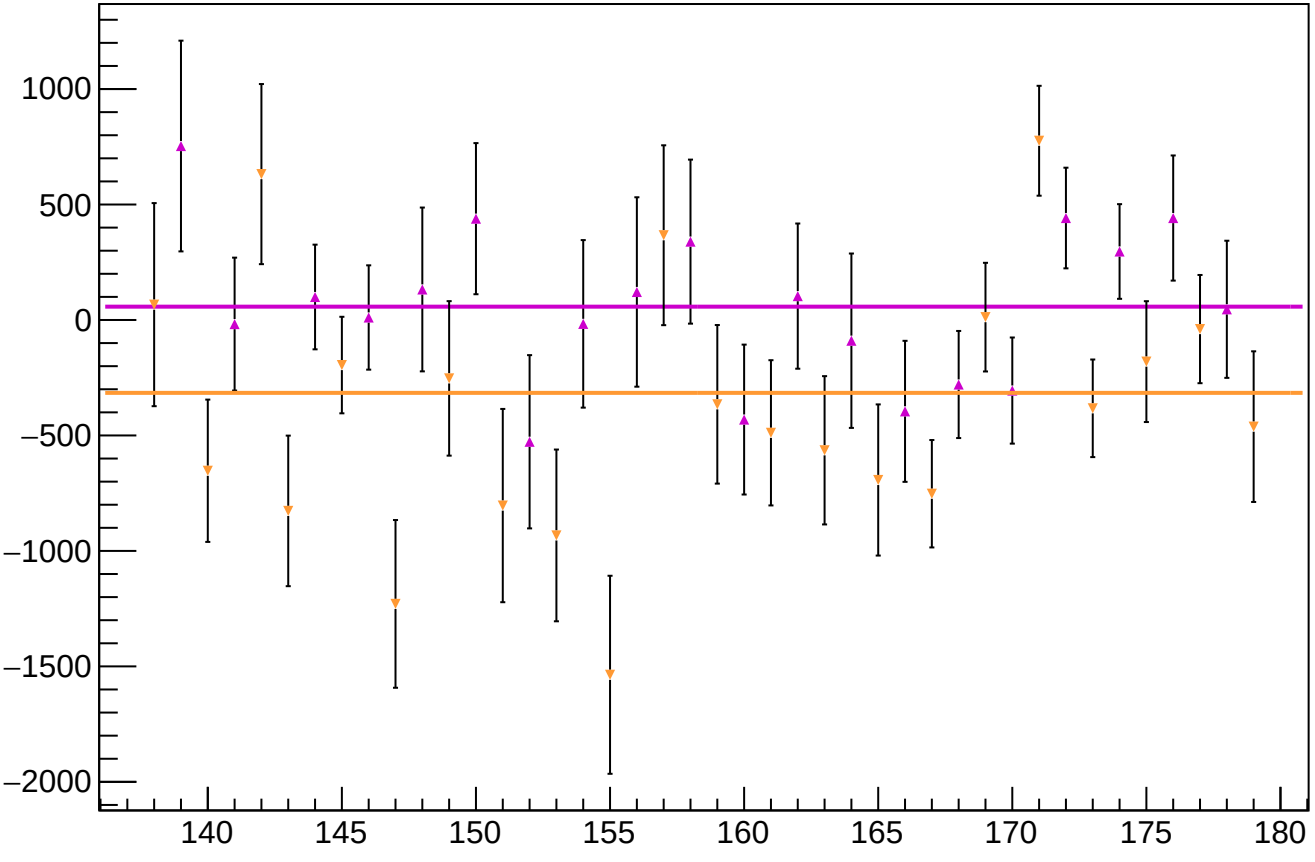
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 64.481+/-0.012 χ^2/NDF:499289.0/19

Out: 63.720+/-0.011 χ^2/NDF:802853.6/21

All: 64.086+/-0.008 χ^2/NDF: 1304322.0/41

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -315.583+/-62.926 χ^2/NDF:63.0/21

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

Left In: 57.698+/-63.690 χ^2/NDF:22.7/19

Left: -131.193+/-44.763 χ^2/NDF: 103.1/41

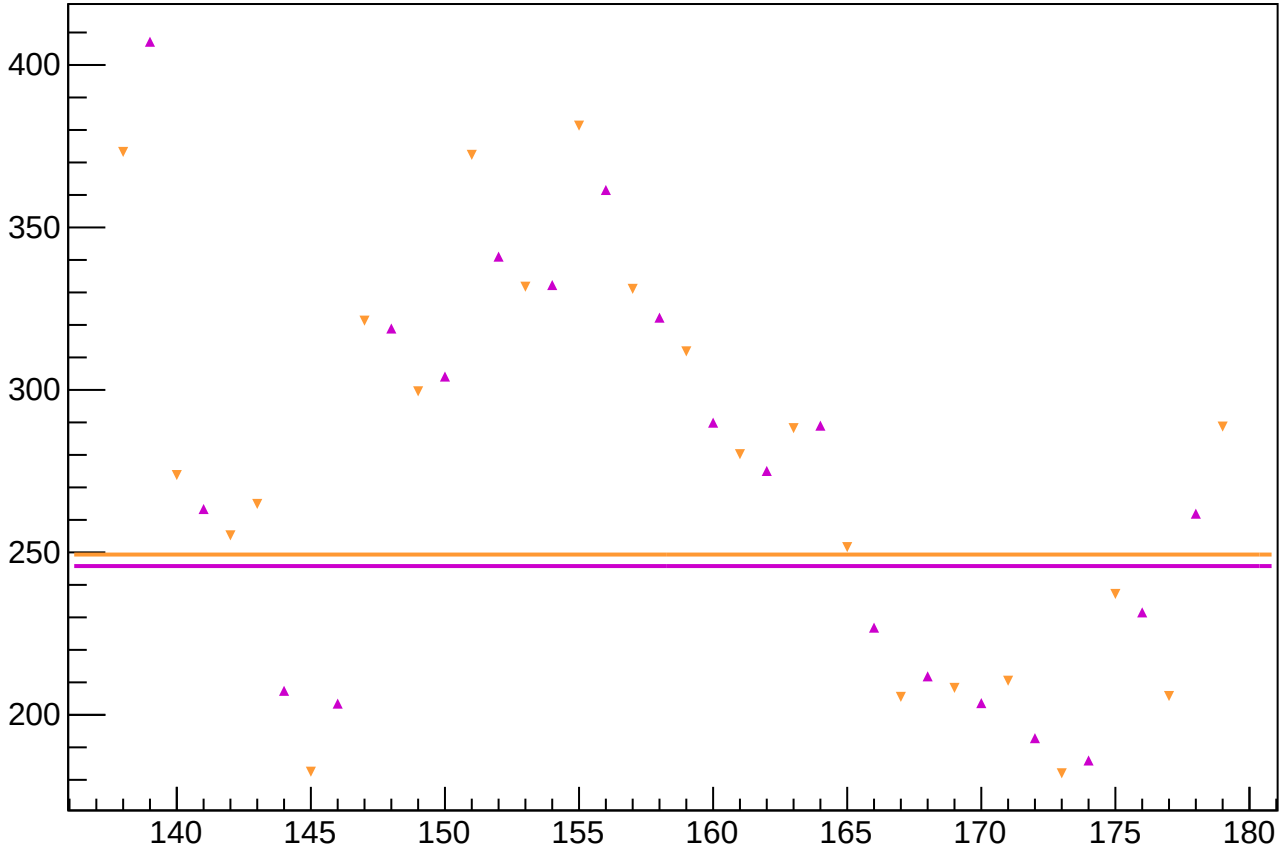
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 57.698+/-63.690 χ^2/NDF:22.7/19

Out: -315.583+/-62.926 χ^2/NDF:63.0/21

All: -131.193+/-44.763 χ^2/NDF: 103.1/41

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 249.335+/-0.044 χ^2/NDF:1659031.9/21

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

Left In: 245.790+/-0.045 χ^2/NDF:1526695.3/19

Left: 247.584+/-0.032 χ^2/NDF: 3188862.1/41

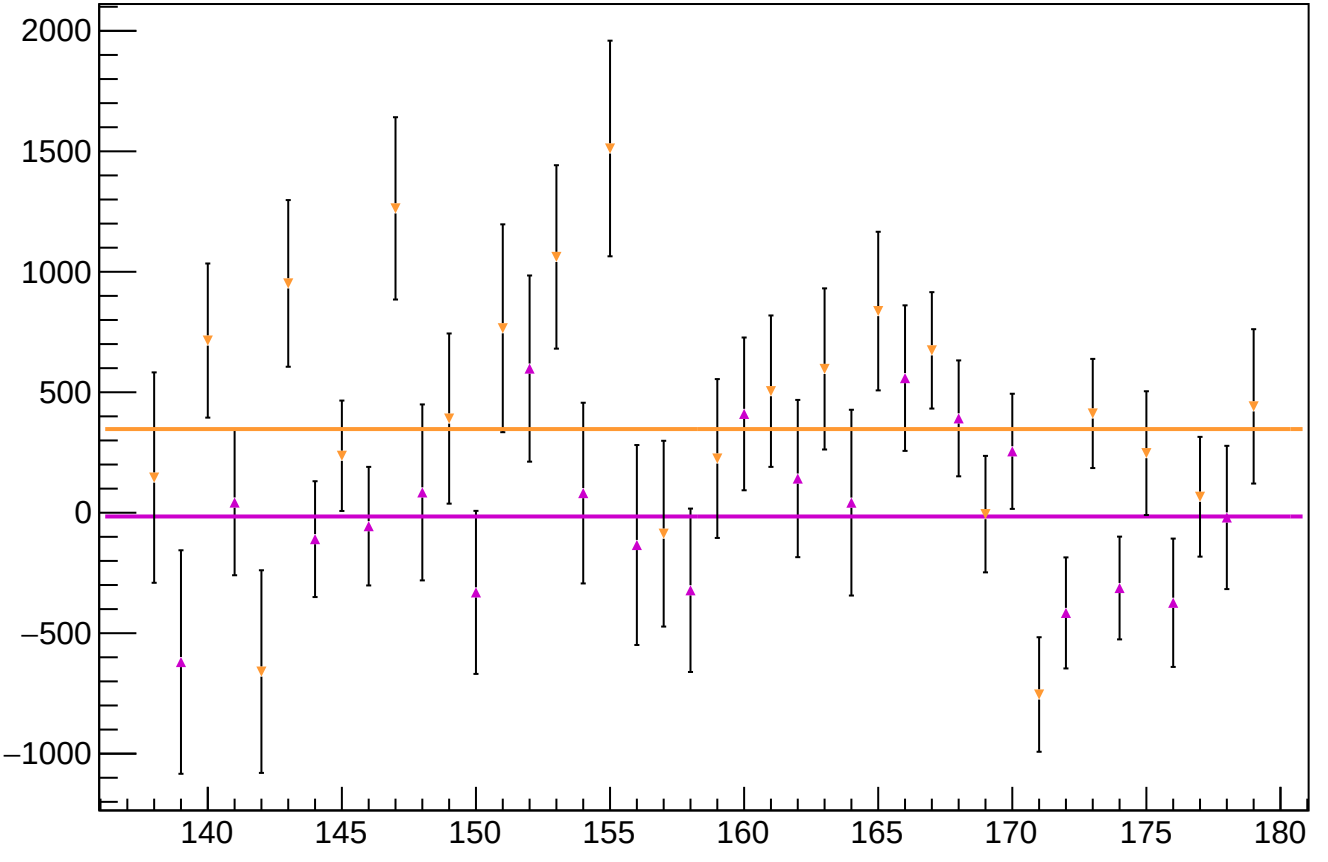
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 245.790+/-0.045 χ^2/NDF:1526695.3/19

Out: 249.335+/-0.044 χ^2/NDF:1659031.9/21

All: 247.584+/-0.032 χ^2/NDF: 3188862.1/41

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 347.250+/-64.945 χ^2/NDF:59.1/21

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

Left In: -15.580+/-65.646 χ^2/NDF:22.9/19

Left: 167.782+/-46.169 χ^2/NDF: 97.5/41

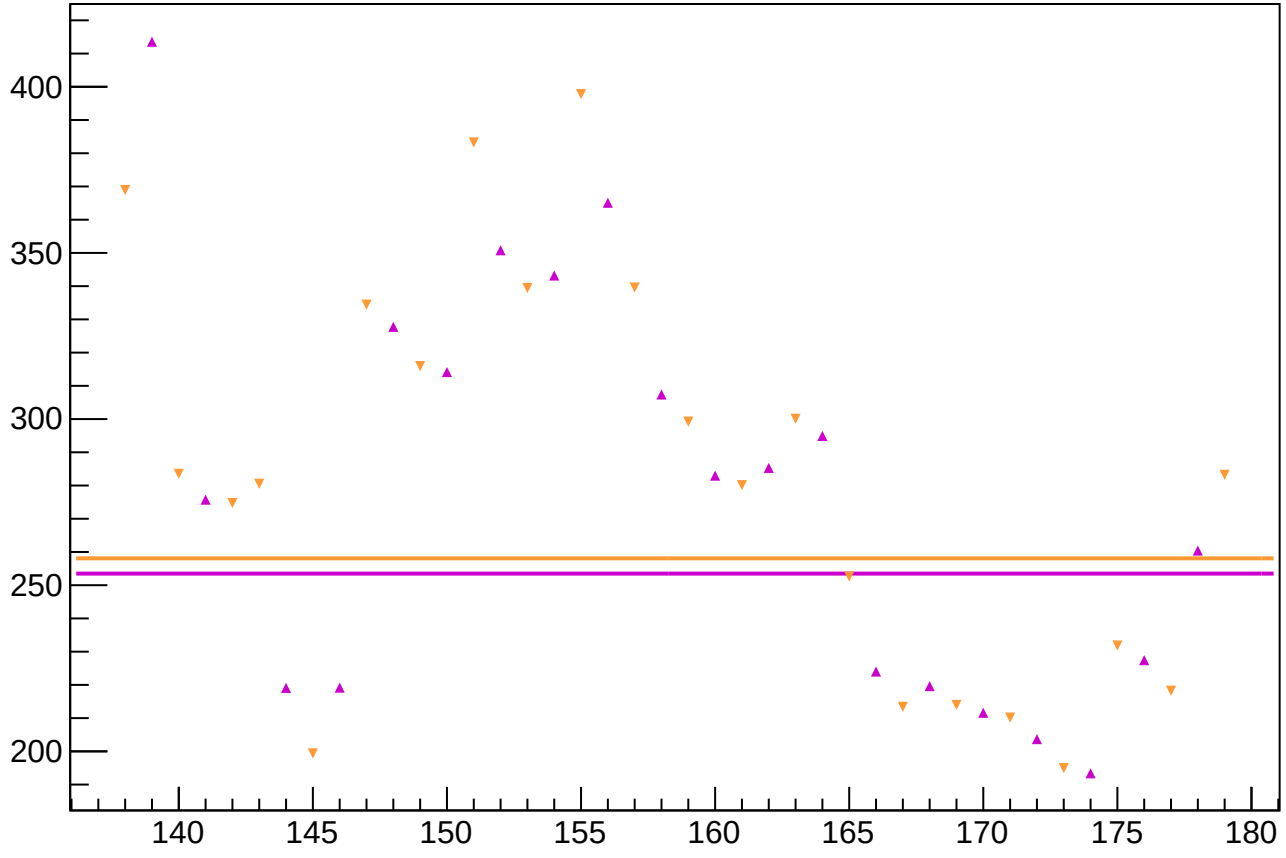
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.580+/-65.646 χ^2/NDF:22.9/19

Out: 347.250+/-64.945 χ^2/NDF:59.1/21

All: 167.782+/-46.169 χ^2/NDF: 97.5/41

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 258.084+/-0.046 χ^2/NDF:1492828.5/21

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

Left In: 253.497+/-0.046 χ^2/NDF:1364396.1/19

Left: 255.815+/-0.033 χ^2/NDF: 2862158.7/41

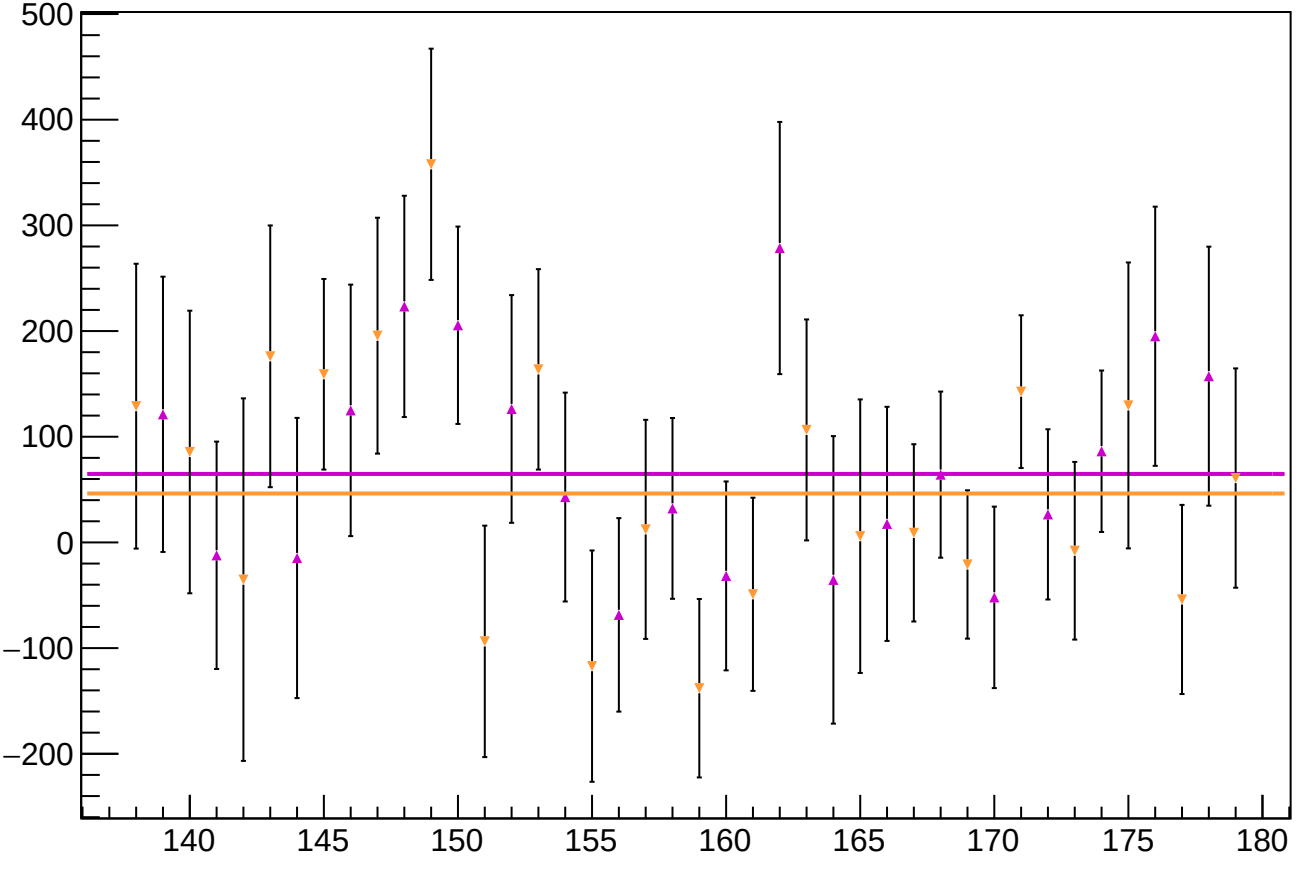
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 253.497+/-0.046 χ^2/NDF:1364396.1/19

Out: 258.084+/-0.046 χ^2/NDF:1492828.5/21

All: 255.815+/-0.033 χ^2/NDF: 2862158.7/41

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 46.291+/-21.177 χ^2/NDF:30.0/21

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

Left In: 64.803+/-22.302 χ^2/NDF:17.5/19

Left: 55.068+/-15.357 χ^2/NDF: 47.8/41

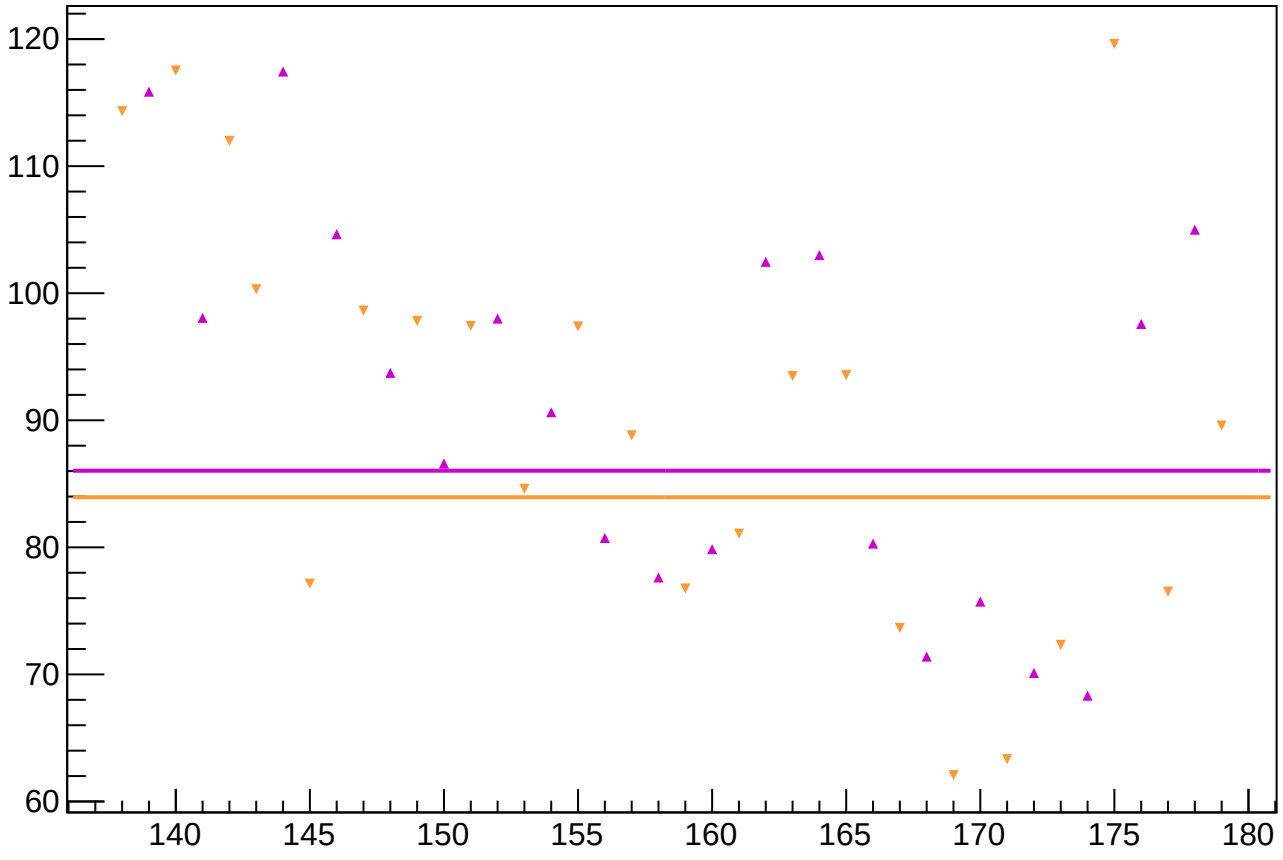
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 64.803+/-22.302 χ^2/NDF:17.5/19

Out: 46.291+/-21.177 χ^2/NDF:30.0/21

All: 55.068+/-15.357 χ^2/NDF: 47.8/41

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 83.943+/-0.015 χ^2/NDF:1087329.1/21

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

Left In: 86.031+/-0.016 χ^2/NDF:790395.2/19

Left: 84.933+/-0.011 χ^2/NDF: 1886949.0/41

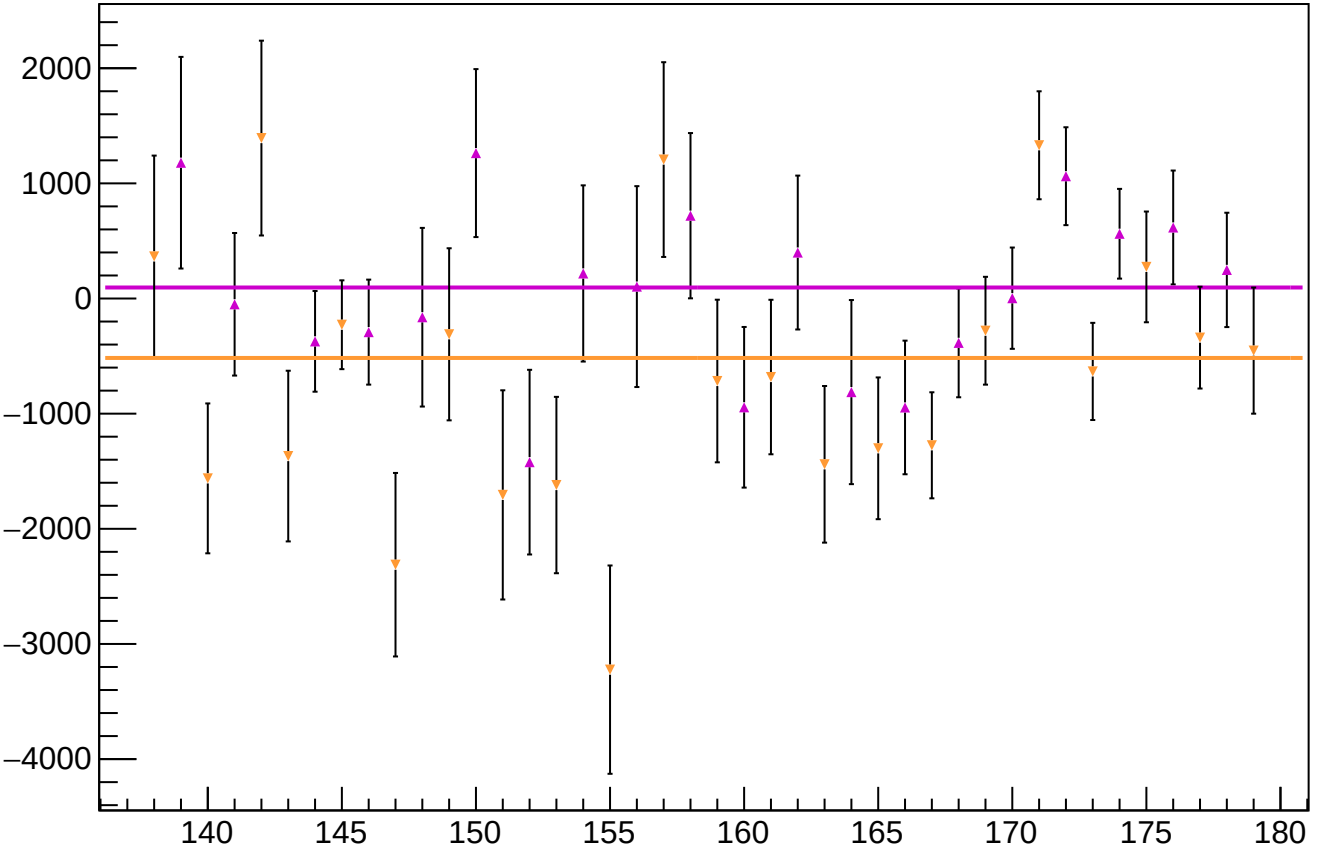
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 86.031+/-0.016 χ^2/NDF:790395.2/19

Out: 83.943+/-0.015 χ^2/NDF:1087329.1/21

All: 84.933+/-0.011 χ^2/NDF: 1886949.0/41

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -516.231+/-125.237 χ^2/NDF:57.7/21

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

Left In: 95.609+/-126.354 χ^2/NDF:26.2/19

Left: -213.027+/-88.948 χ^2/NDF: 95.7/41

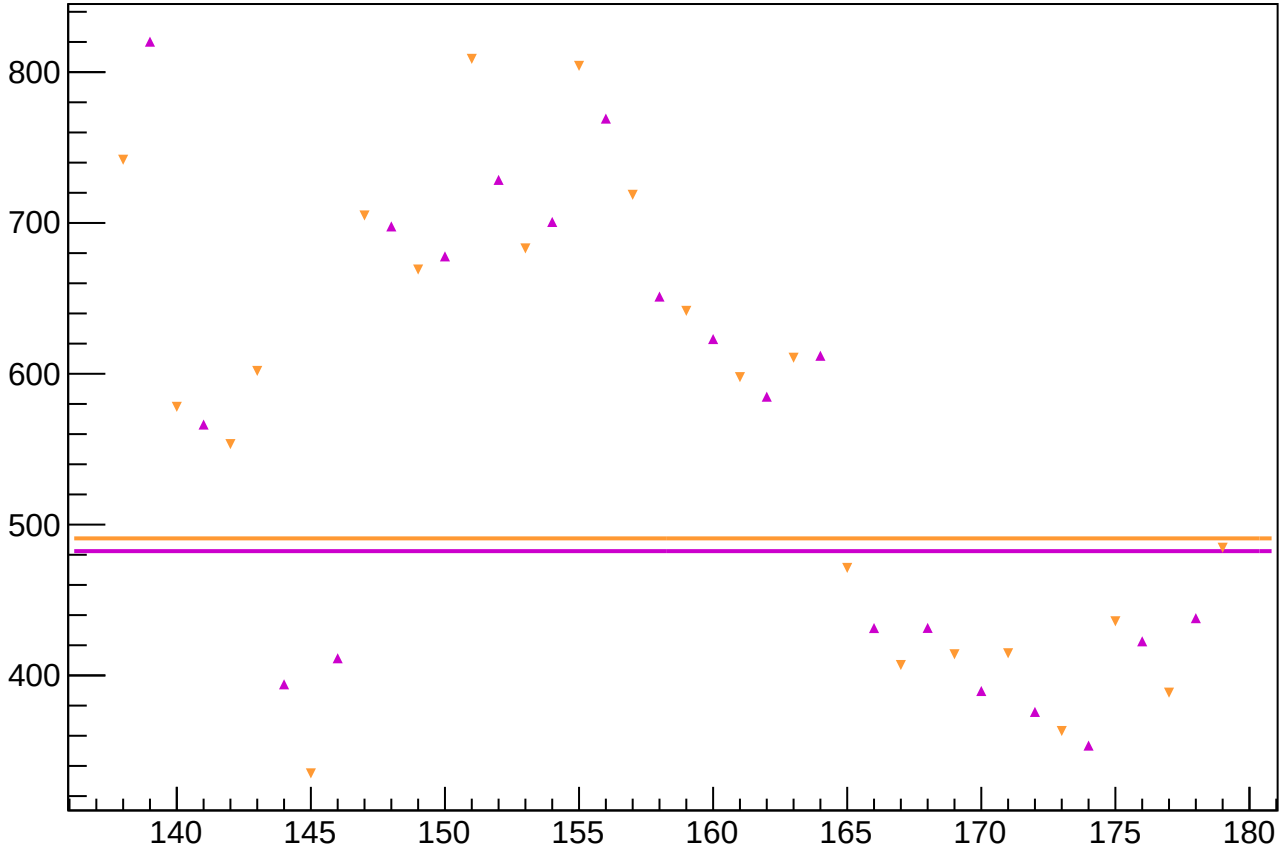
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 95.609+/-126.354 χ^2/NDF:26.2/19

Out: -516.231+/-125.237 χ^2/NDF:57.7/21

All: -213.027+/-88.948 χ^2/NDF: 95.7/41

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 490.872+/-0.089 χ^2/NDF:2292733.9/21

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

Left In: 482.409+/-0.089 χ^2/NDF:2110961.9/19

Left: 486.678+/-0.063 χ^2/NDF: 4408221.4/41

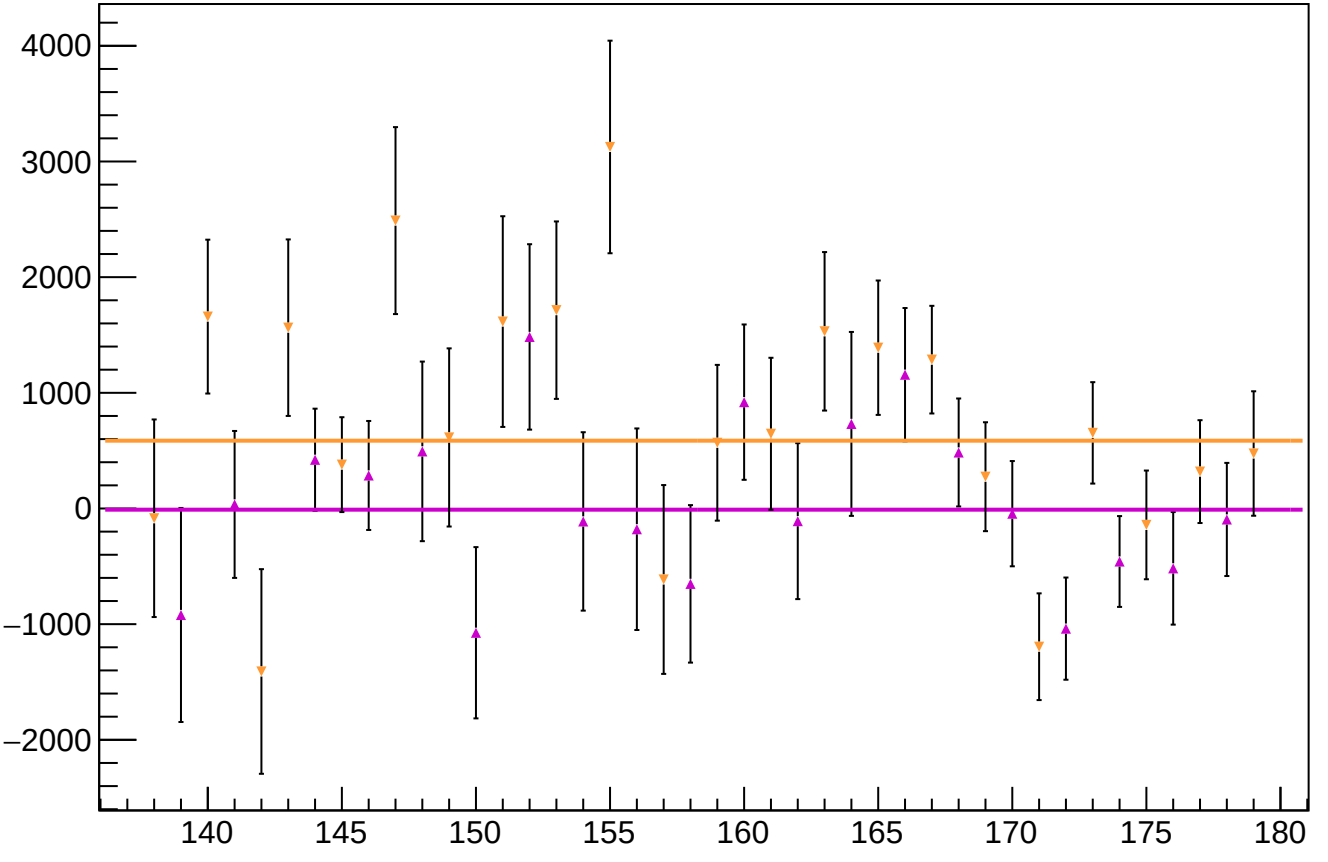
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 482.409+/-0.089 χ^2/NDF:2110961.9/19

Out: 490.872+/-0.089 χ^2/NDF:2292733.9/21

All: 486.678+/-0.063 χ^2/NDF: 4408221.4/41

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 586.264+/-125.917 χ^2/NDF:53.3/21

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

Left In: -10.300+/-127.081 χ^2/NDF:25.1/19

Left: 290.728+/-89.445 χ^2/NDF: 89.5/41

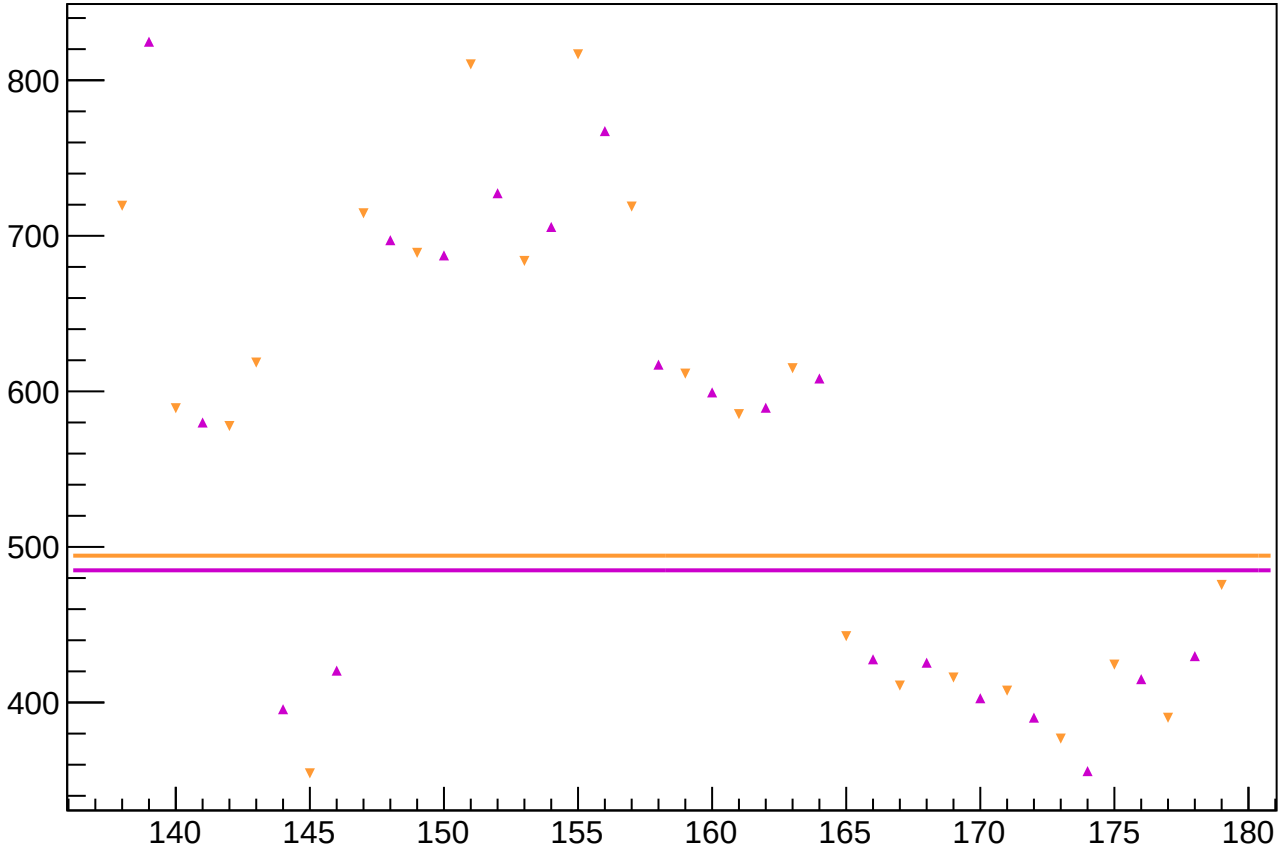
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.300+/-127.081 χ^2/NDF:25.1/19

Out: 586.264+/-125.917 χ^2/NDF:53.3/21

All: 290.728+/-89.445 χ^2/NDF: 89.5/41

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 494.382+/-0.089 χ^2/NDF:2186390.3/21

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

Left In: 484.963+/-0.090 χ^2/NDF:2011511.7/19

Left: 489.716+/-0.063 χ^2/NDF: 4203446.3/41

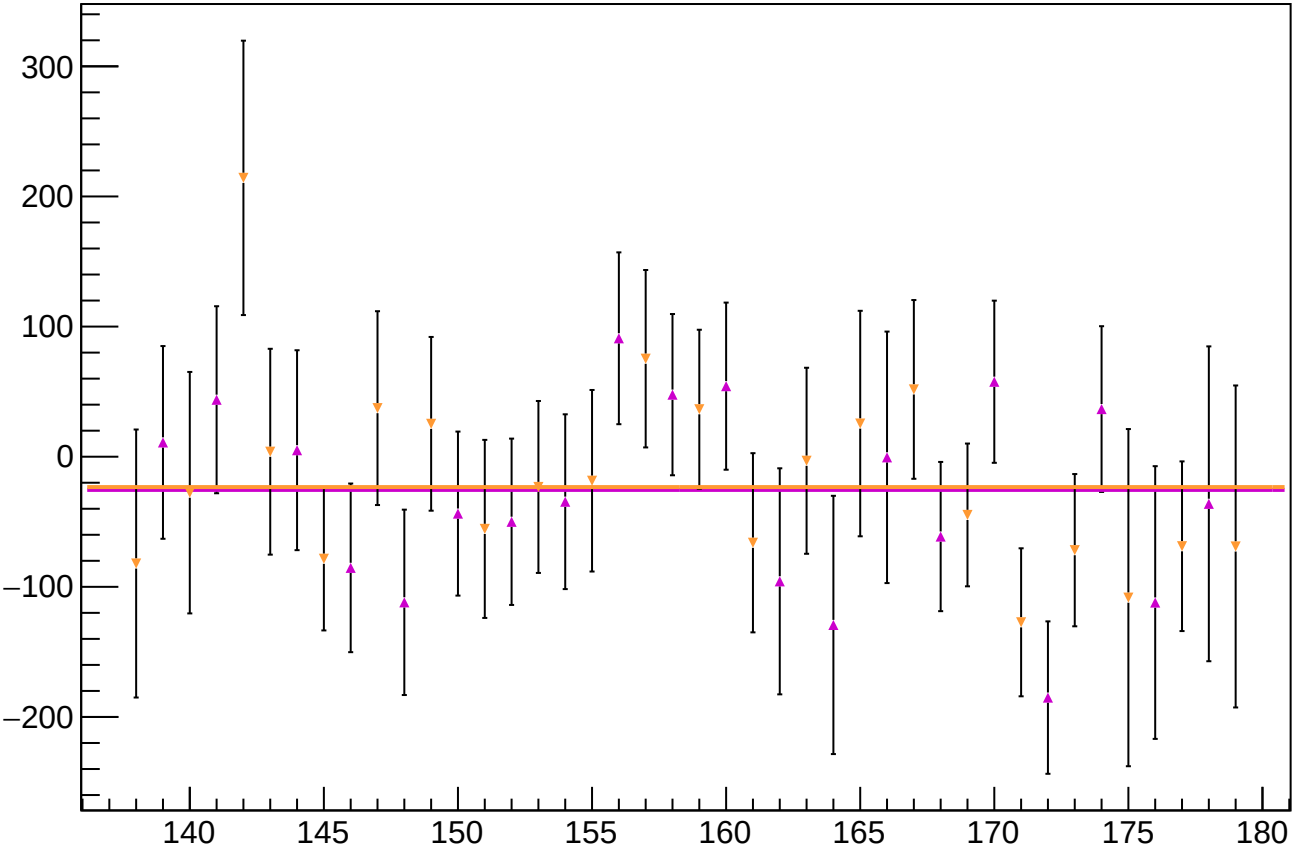
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 484.963+/-0.090 χ^2/NDF:2011511.7/19

Out: 494.382+/-0.089 χ^2/NDF:2186390.3/21

All: 489.716+/-0.063 χ^2/NDF: 4203446.3/41

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: -23.348+/-15.124 χ^2/NDF:18.2/21

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

Left In: -25.507+/-15.749 χ^2/NDF:23.0/19

Left: -24.383+/-10.909 χ^2/NDF: 41.2/41

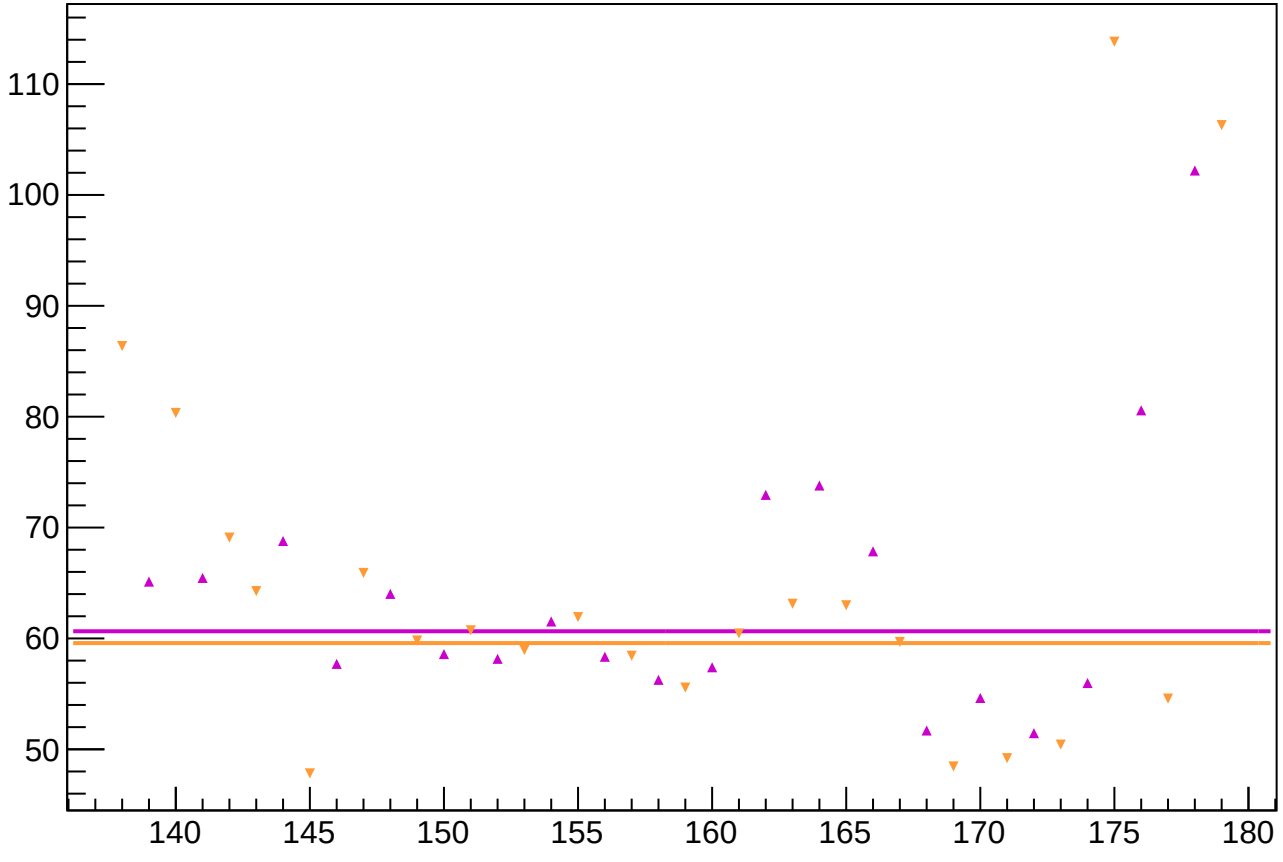
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.507+/-15.749 χ^2/NDF:23.0/19

Out: -23.348+/-15.124 χ^2/NDF:18.2/21

All: -24.383+/-10.909 χ^2/NDF: 41.2/41

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 59.581+/-0.011 χ^2/NDF:1230217.8/21

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

Left In: 60.647+/-0.011 χ^2/NDF:592418.4/19

Left: 60.092+/-0.008 χ^2/NDF: 1827400.3/41

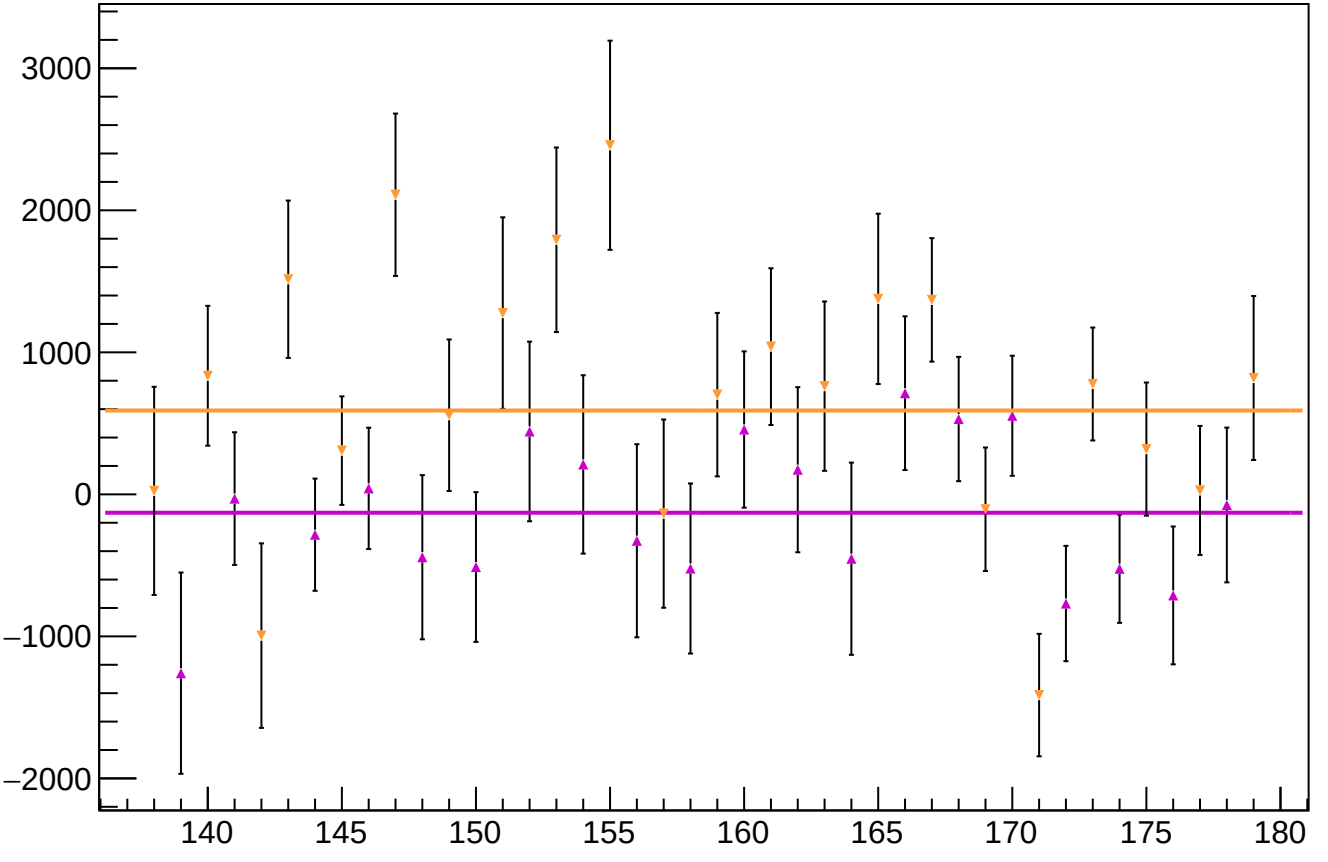
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.647+/-0.011 χ^2/NDF:592418.4/19

Out: 59.581+/-0.011 χ^2/NDF:1230217.8/21

All: 60.092+/-0.008 χ^2/NDF: 1827400.3/41

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: 590.417+/-111.587 χ^2/NDF:61.4/21

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

Left In: -129.421+/-113.017 χ^2/NDF:19.3/19

Left: 235.079+/-79.405 χ^2/NDF: 101.2/41

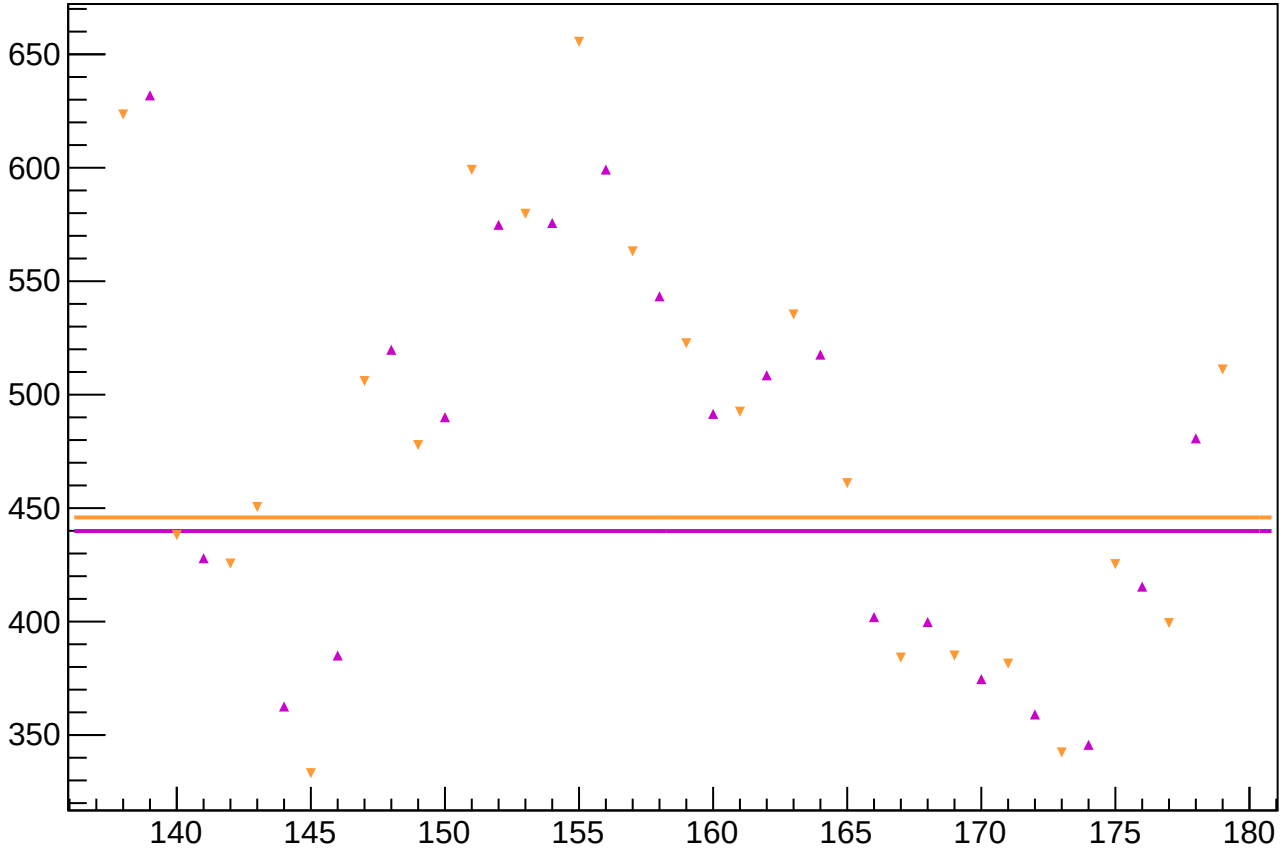
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -129.421+/-113.017 χ^2/NDF:19.3/19

Out: 590.417+/-111.587 χ^2/NDF:61.4/21

All: 235.079+/-79.405 χ^2/NDF: 101.2/41

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: 445.894+/-0.079 χ^2/NDF:1142520.3/21

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

Left In: 439.896+/-0.080 χ^2/NDF:1032090.6/19

Left: 442.933+/-0.056 χ^2/NDF: 2177462.9/41

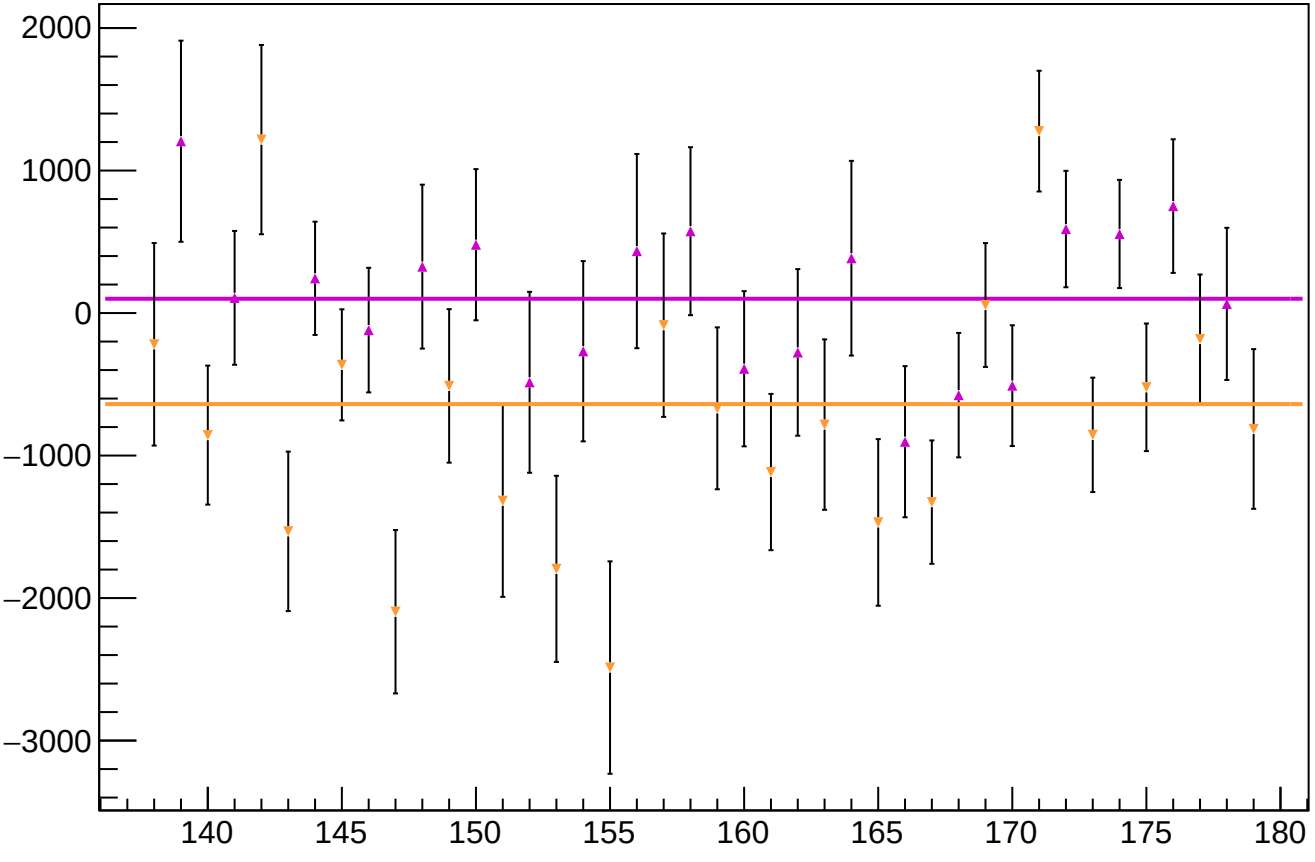
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 439.896+/-0.080 χ^2/NDF:1032090.6/19

Out: 445.894+/-0.079 χ^2/NDF:1142520.3/21

All: 442.933+/-0.056 χ^2/NDF: 2177462.9/41

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -638.952+/-111.058 χ^2/NDF:58.8/21

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

Left In: 100.404+/-112.858 χ^2/NDF:19.8/19

Left: -275.218+/-79.158 χ^2/NDF: 100.4/41

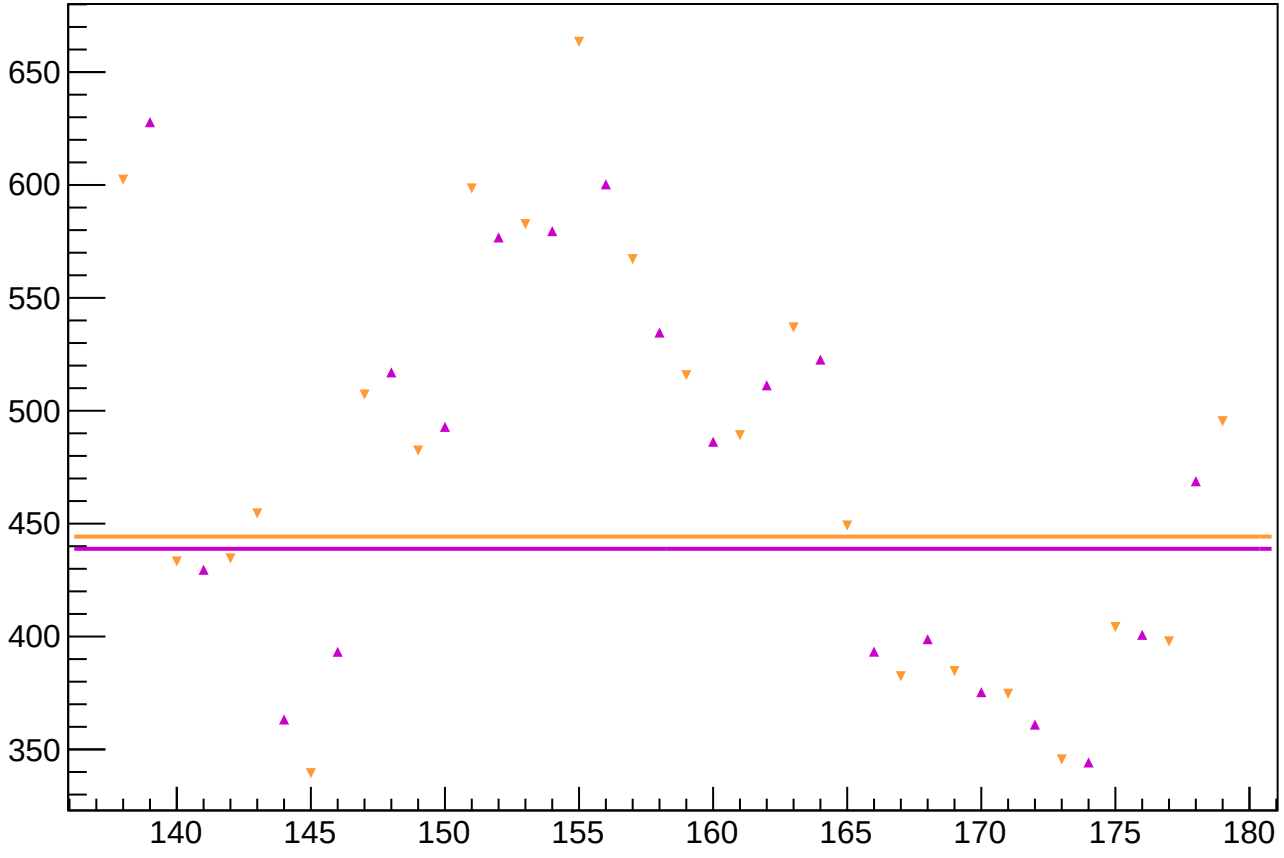
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 100.404+/-112.858 χ^2/NDF:19.8/19

Out: -638.952+/-111.058 χ^2/NDF:58.8/21

All: -275.218+/-79.158 χ^2/NDF: 100.4/41

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 444.266+/-0.079 χ^2/NDF:1120184.1/21

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

Left In: 438.851+/-0.080 χ^2/NDF:1023509.5/19

Left: 441.602+/-0.056 χ^2/NDF: 2146032.1/41

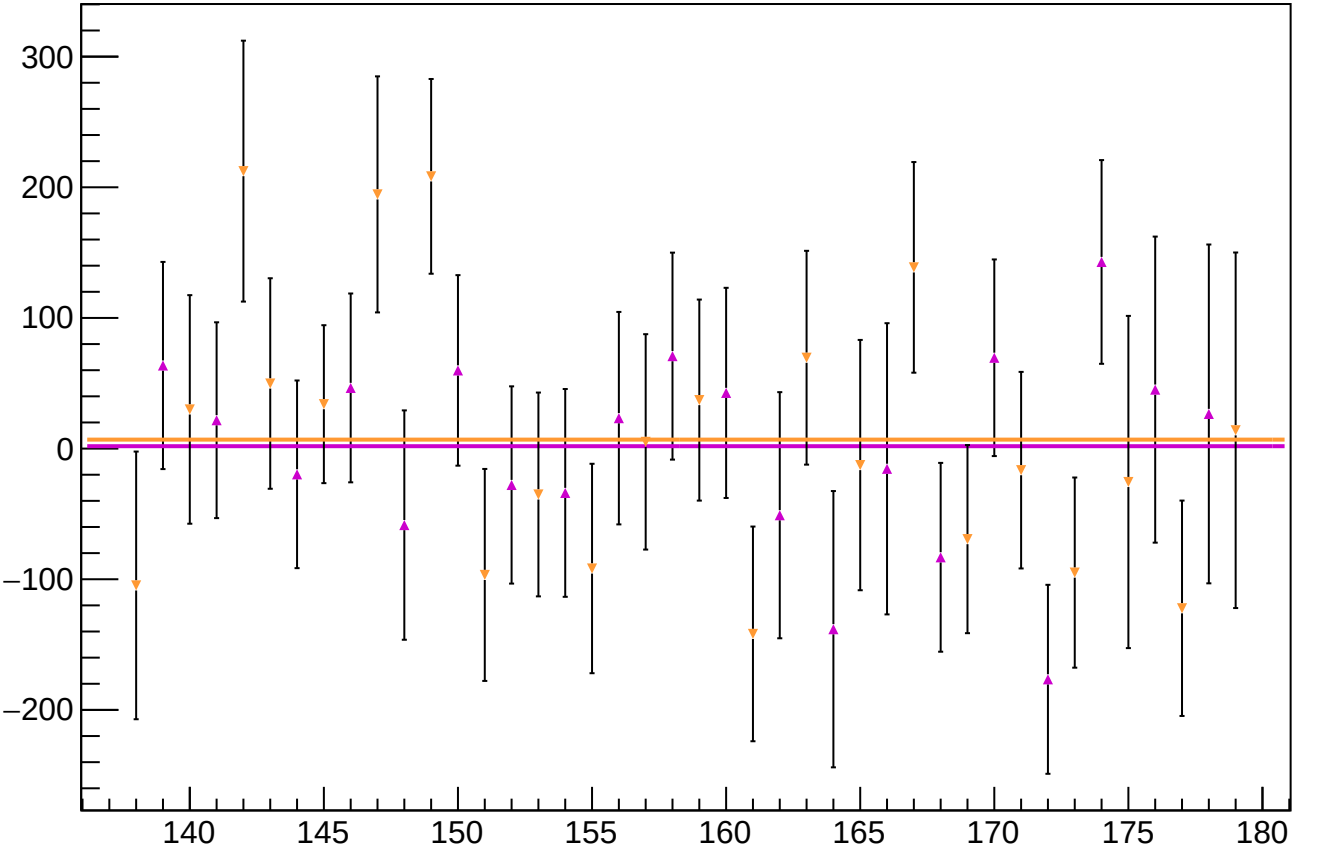
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 438.851+/-0.080 χ^2/NDF:1023509.5/19

Out: 444.266+/-0.079 χ^2/NDF:1120184.1/21

All: 441.602+/-0.056 χ^2/NDF: 2146032.1/41

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: 6.873+/-17.604 χ^2/NDF:33.5/21

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

Left In: 1.836+/-18.324 χ^2/NDF:17.5/19

Left: 4.455+/-12.695 χ^2/NDF: 51.0/41

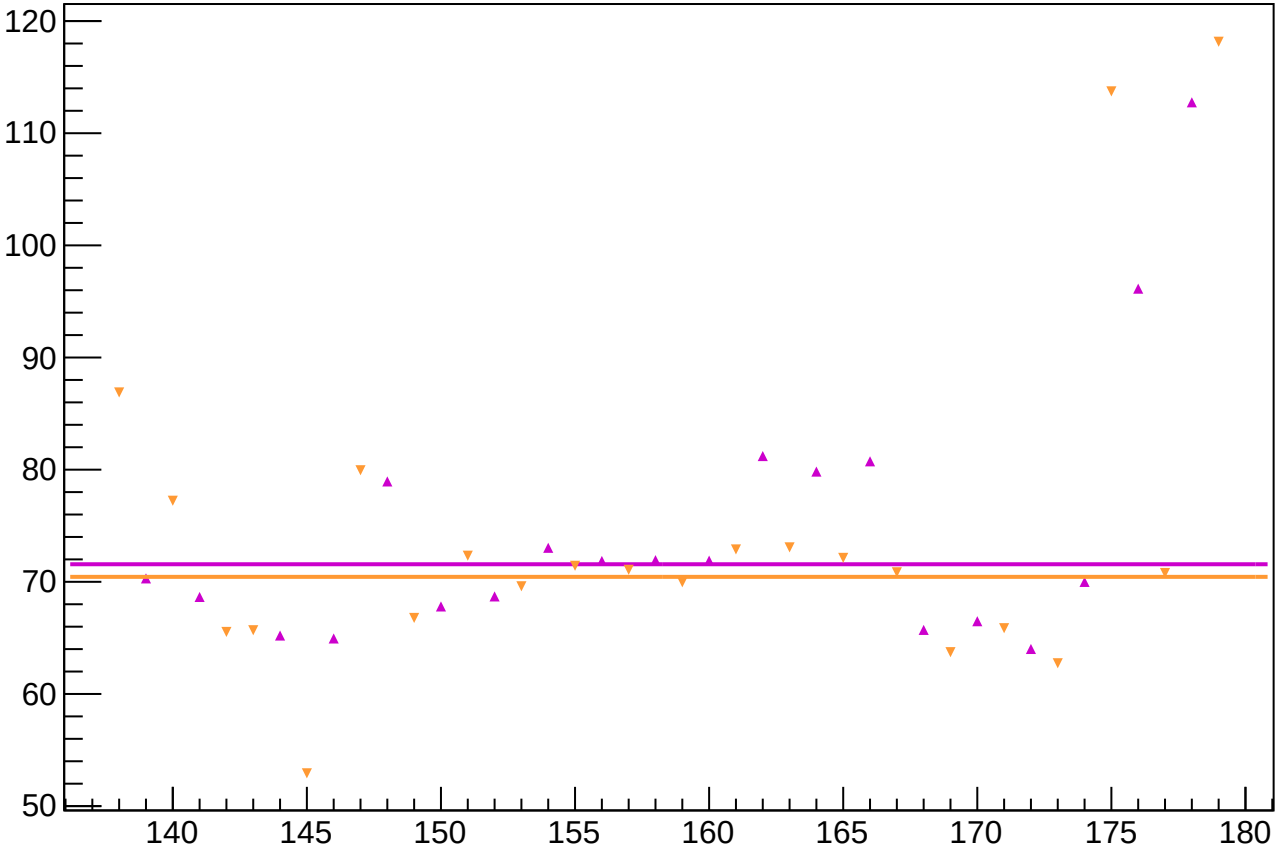
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.836+/-18.324 χ^2/NDF:17.5/19

Out: 6.873+/-17.604 χ^2/NDF:33.5/21

All: 4.455+/-12.695 χ^2/NDF: 51.0/41

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: 70.442+/-0.012 χ^2/NDF:801789.9/21

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

Left In: 71.567+/-0.013 χ^2/NDF:440601.7/19

Left: 70.982+/-0.009 χ^2/NDF: 1246307.6/41

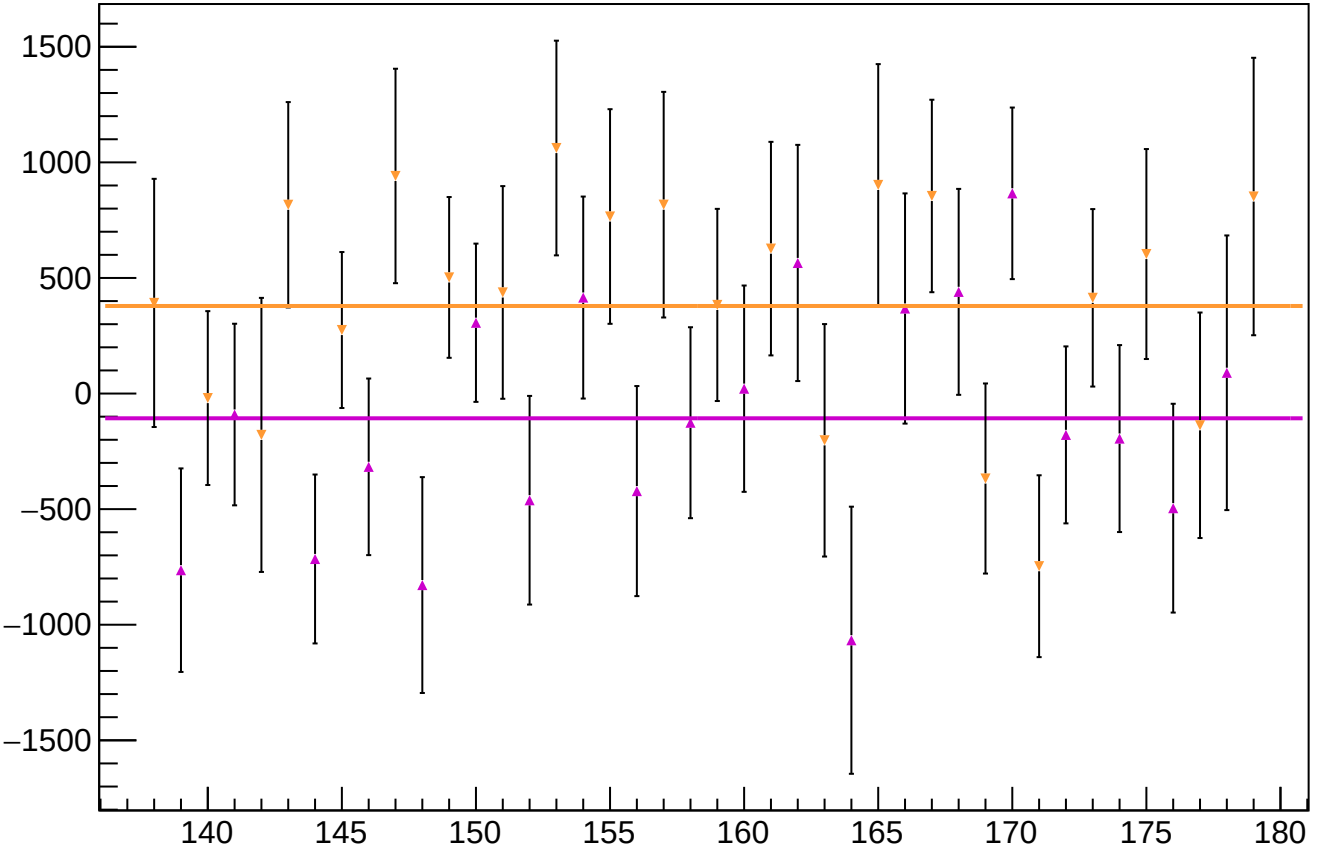
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 71.567+/-0.013 χ^2/NDF:440601.7/19

Out: 70.442+/-0.012 χ^2/NDF:801789.9/21

All: 70.982+/-0.009 χ^2/NDF: 1246307.6/41

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: 378.783+/-93.980 χ^2/NDF:25.8/21

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

Left In: -107.043+/-95.855 χ^2/NDF:26.5/19

Left: 140.670+/-67.107 χ^2/NDF: 65.3/41

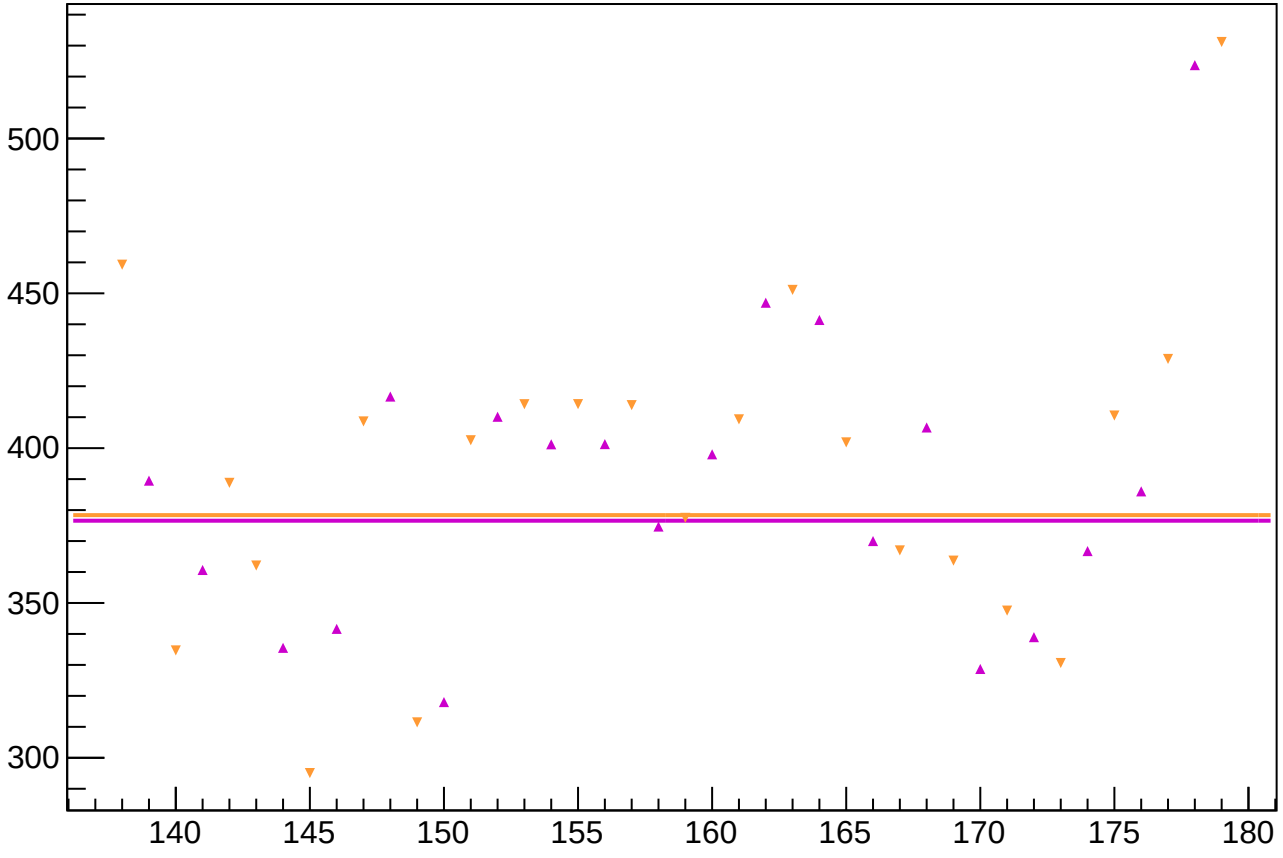
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -107.043+/-95.855 χ^2/NDF:26.5/19

Out: 378.783+/-93.980 χ^2/NDF:25.8/21

All: 140.670+/-67.107 χ^2/NDF: 65.3/41

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 378.371+/-0.066 χ^2/NDF:583461.7/21

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

Left In: 376.568+/-0.068 χ^2/NDF:398342.6/19

Left: 377.487+/-0.047 χ^2/NDF: 982165.1/41

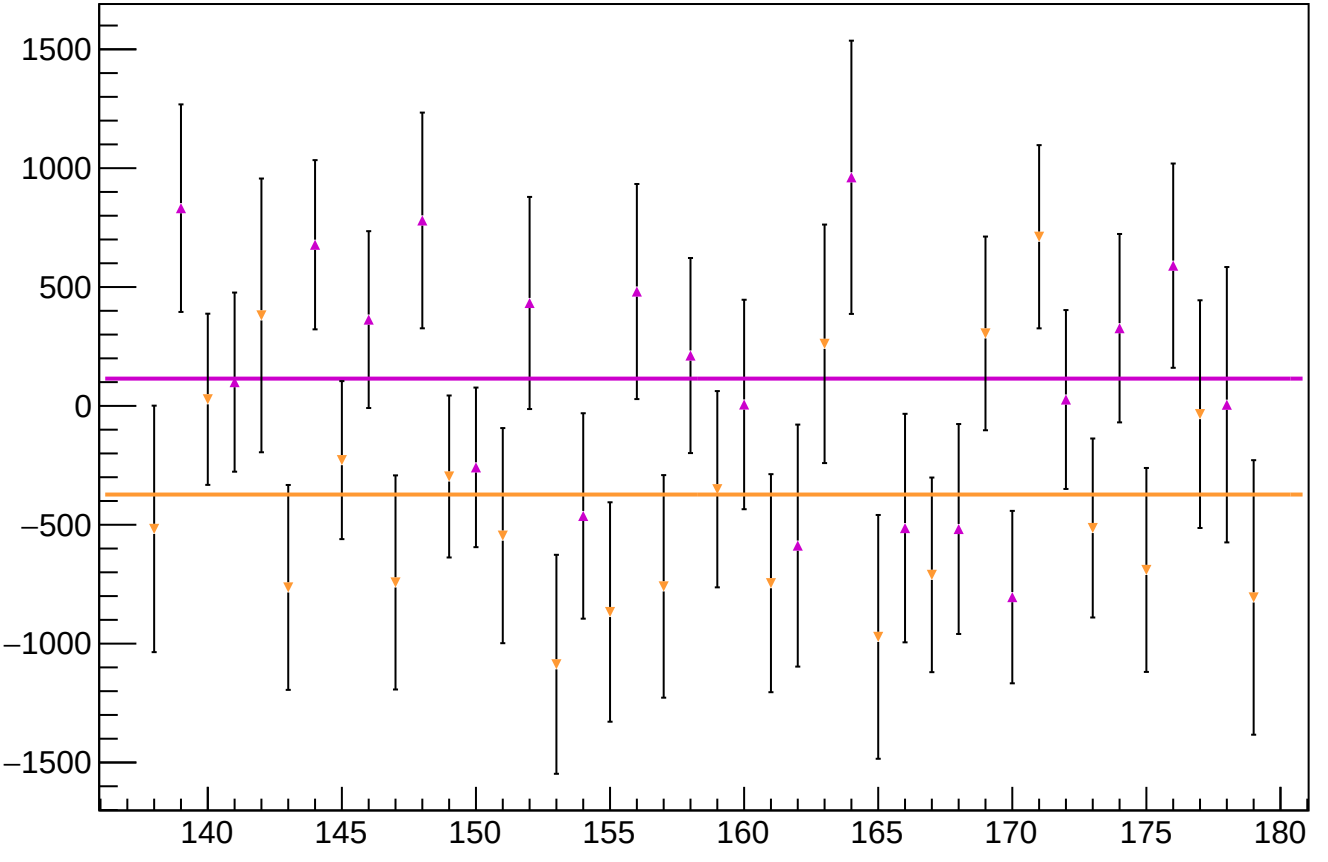
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 376.568+/-0.068 χ^2/NDF:398342.6/19

Out: 378.371+/-0.066 χ^2/NDF:583461.7/21

All: 377.487+/-0.047 χ^2/NDF: 982165.1/41

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -372.847+/-91.954 χ^2/NDF:25.9/21

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

Left In: 114.792+/-93.956 χ^2/NDF:28.0/19

Left: -134.279+/-65.717 χ^2/NDF: 67.6/41

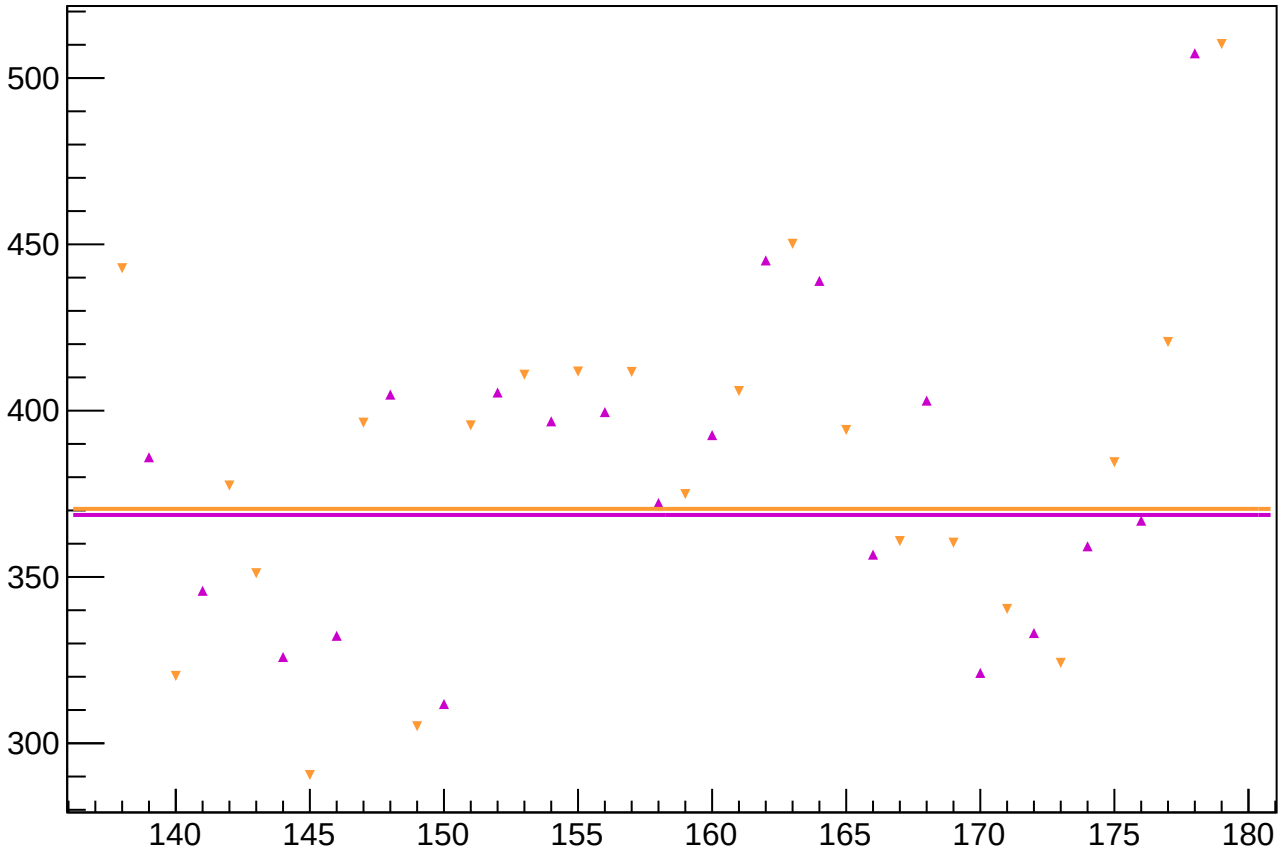
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 114.792+/-93.956 χ^2/NDF:28.0/19

Out: -372.847+/-91.954 χ^2/NDF:25.9/21

All: -134.279+/-65.717 χ^2/NDF: 67.6/41

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 370.475+/-0.065 χ^2/NDF:584283.7/21

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

Left In: 368.644+/-0.066 χ^2/NDF:422630.7/19

Left: 369.579+/-0.046 χ^2/NDF: 1007302.6/41

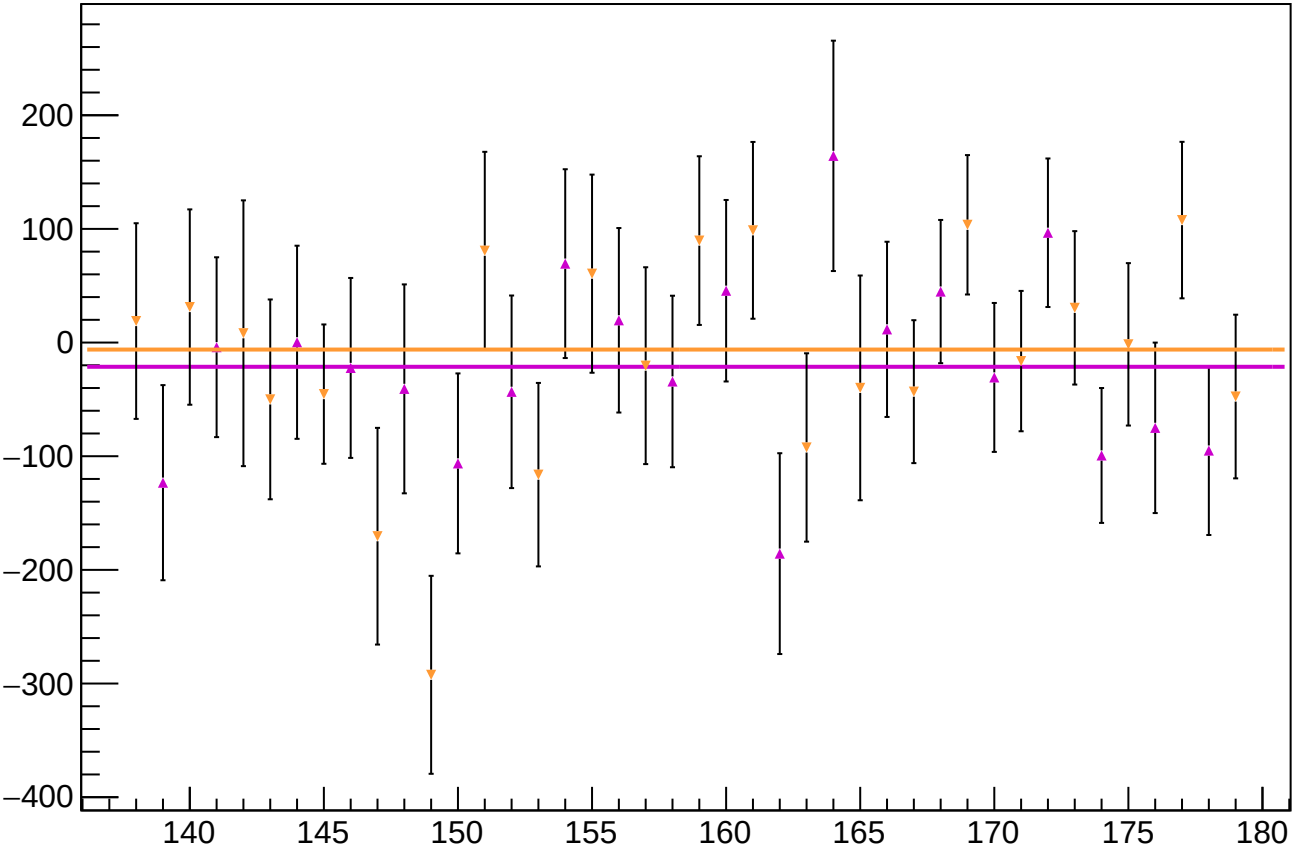
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 368.644+/-0.066 χ^2/NDF:422630.7/19

Out: 370.475+/-0.065 χ^2/NDF:584283.7/21

All: 369.579+/-0.046 χ^2/NDF: 1007302.6/41

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: -6.157+/-16.380 χ^2/NDF:29.8/21

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

Left In: -21.319+/-17.161 χ^2/NDF:19.6/19

Left: -13.386+/-11.849 χ^2/NDF: 49.8/41

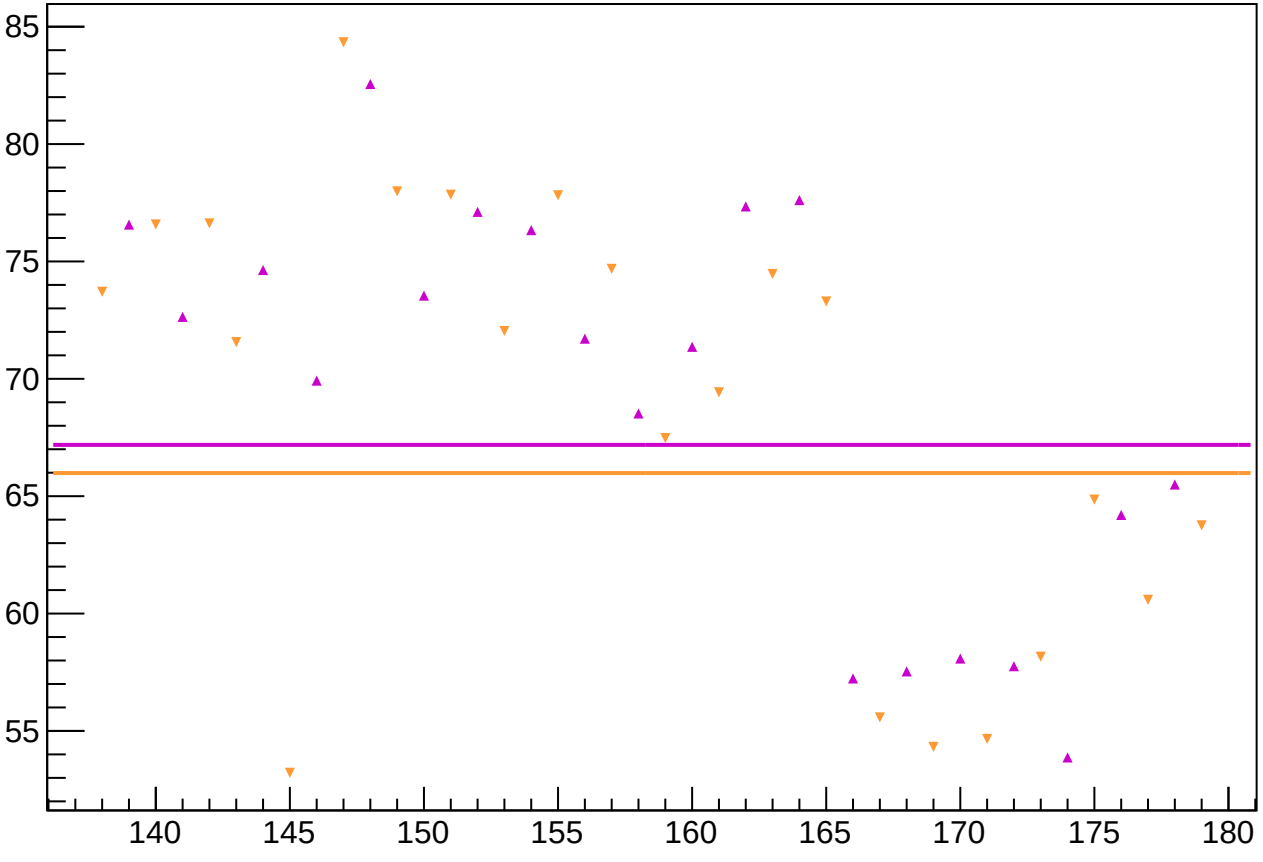
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.319+/-17.161 χ^2/NDF:19.6/19

Out: -6.157+/-16.380 χ^2/NDF:29.8/21

All: -13.386+/-11.849 χ^2/NDF: 49.8/41

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: 65.986+/-0.012 χ^2/NDF:648075.9/21

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

Left In: 67.186+/-0.012 χ^2/NDF:497041.6/19

Left: 66.558+/-0.008 χ^2/NDF: 1150237.9/41

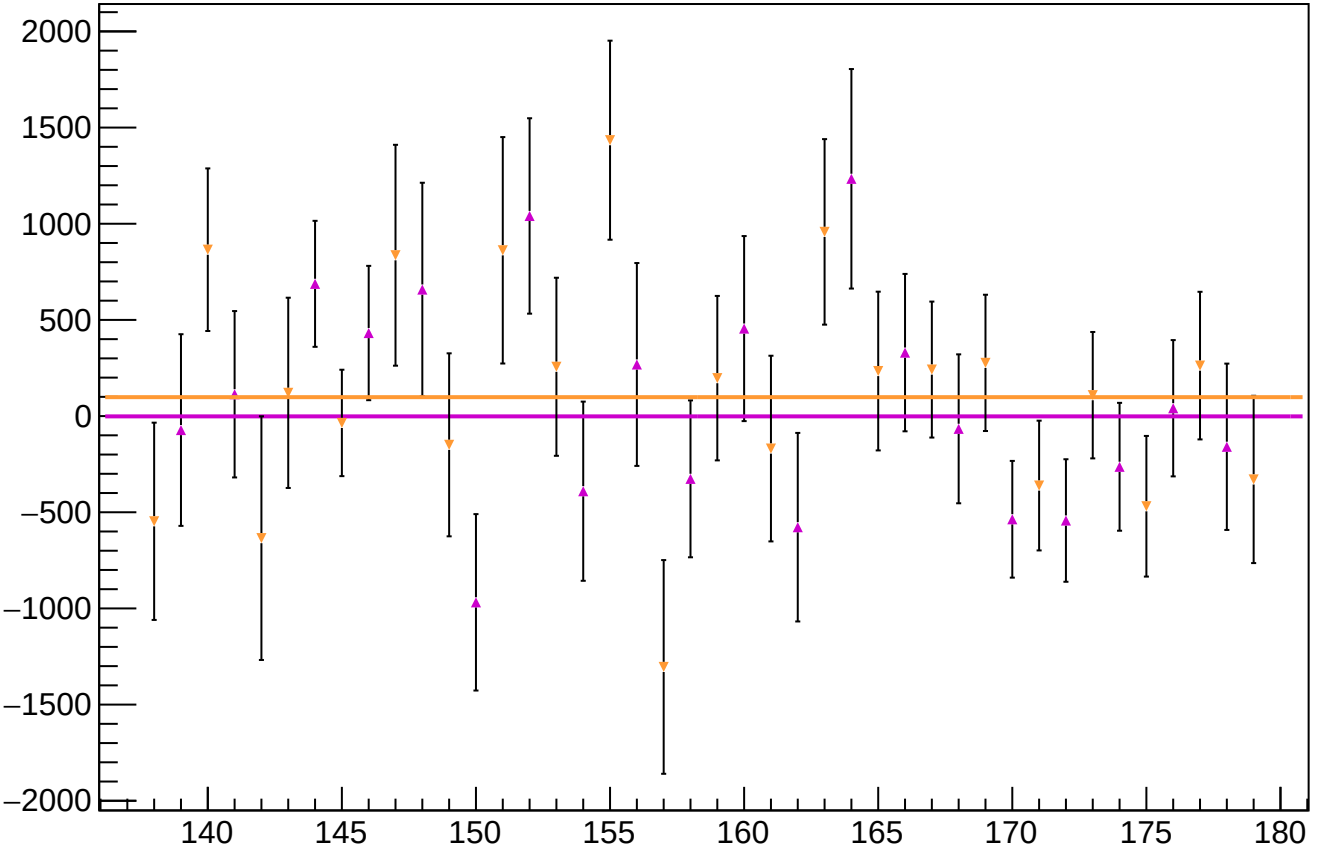
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 67.186+/-0.012 χ^2/NDF:497041.6/19

Out: 65.986+/-0.012 χ^2/NDF:648075.9/21

All: 66.558+/-0.008 χ^2/NDF: 1150237.9/41

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: 98.396+/-89.606 χ^2/NDF:32.7/21

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

Left In: -1.487+/-91.186 χ^2/NDF:32.1/19

Left: 49.327+/-63.912 χ^2/NDF: 65.4/41

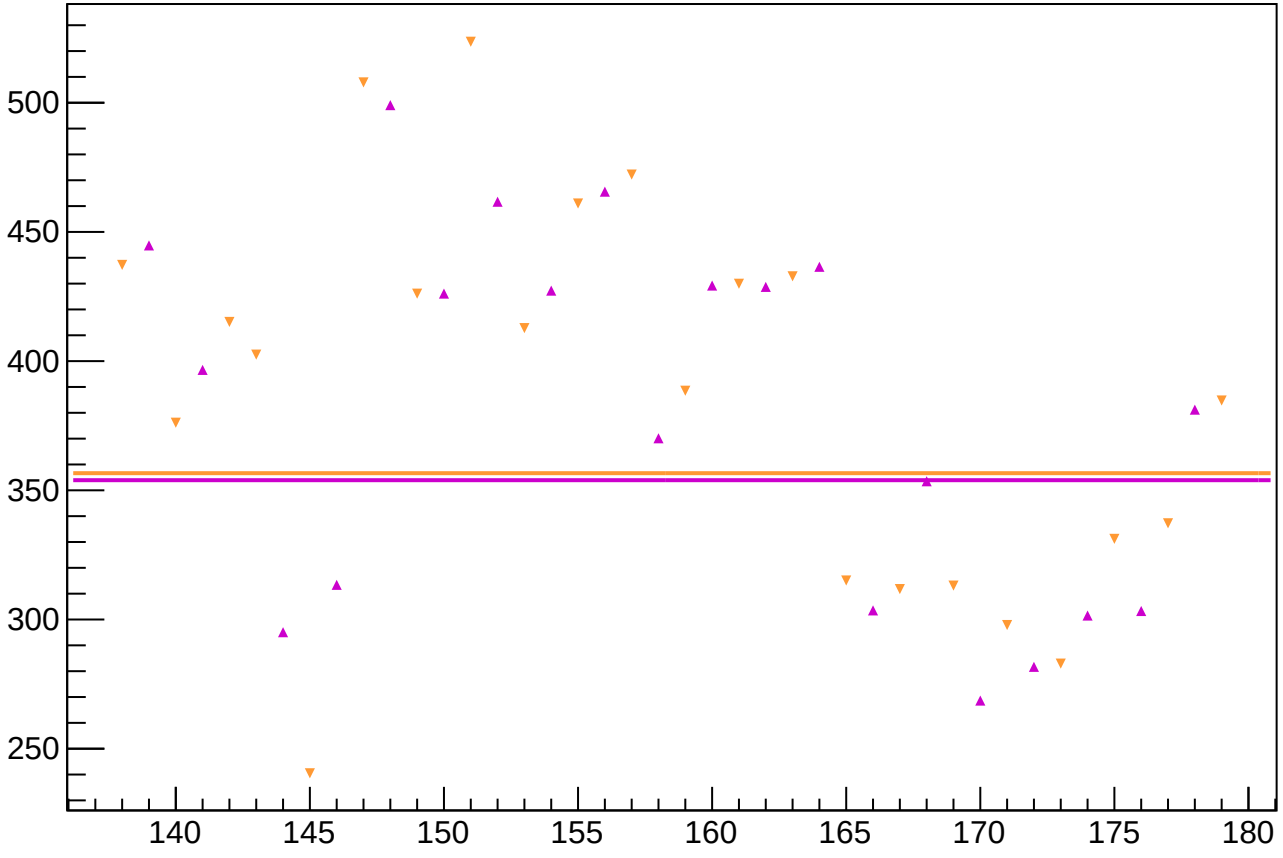
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.487+/-91.186 χ^2/NDF:32.1/19

Out: 98.396+/-89.606 χ^2/NDF:32.7/21

All: 49.327+/-63.912 χ^2/NDF: 65.4/41

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 356.633+/-0.063 χ^2/NDF:1354673.0/21

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

Left In: 353.918+/-0.064 χ^2/NDF:1123381.3/19

Left: 355.299+/-0.045 χ^2/NDF: 2478956.1/41

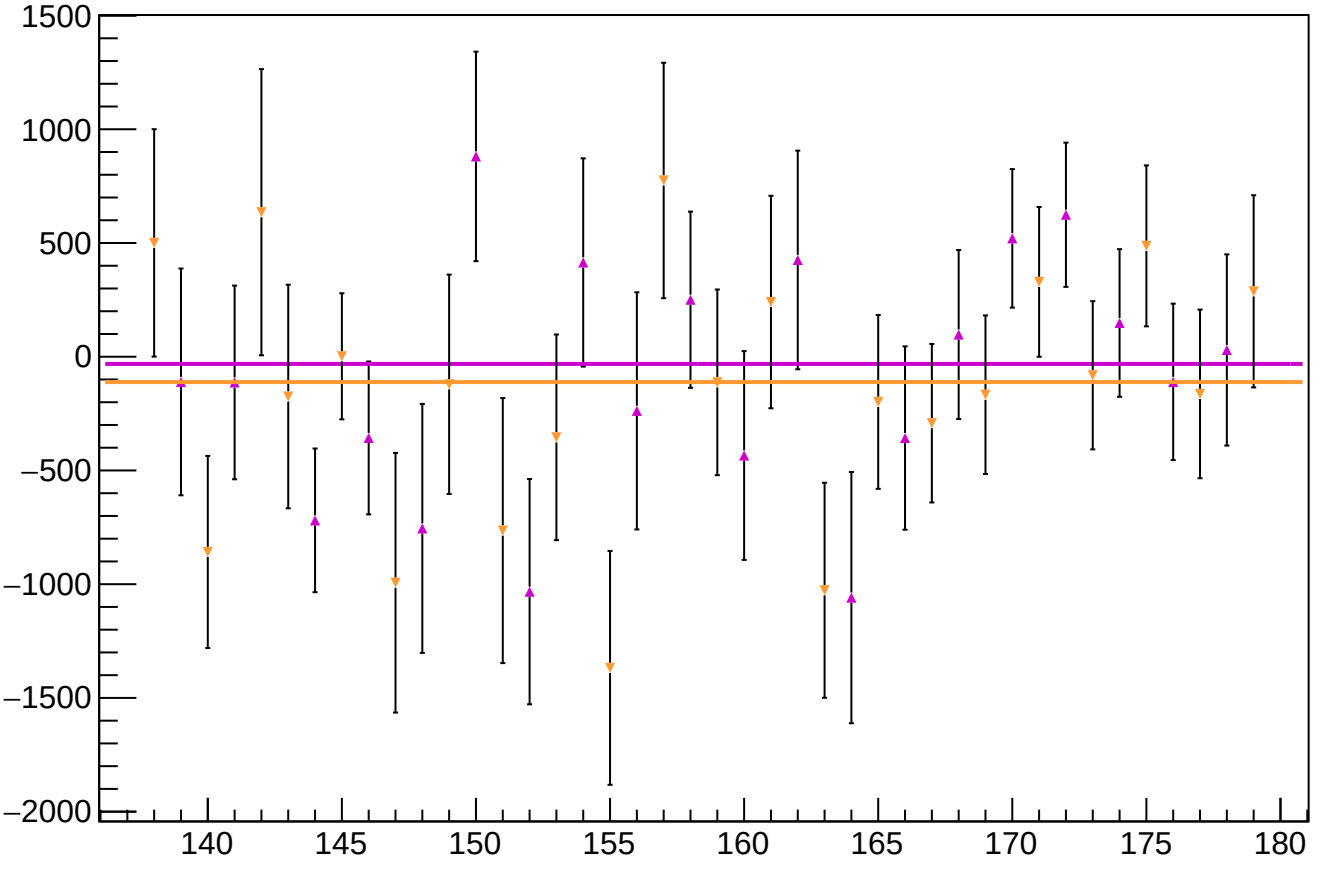
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 353.918+/-0.064 χ^2/NDF:1123381.3/19

Out: 356.633+/-0.063 χ^2/NDF:1354673.0/21

All: 355.299+/-0.045 χ^2/NDF: 2478956.1/41

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -111.352+/-87.738 χ^2/NDF:29.3/21

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

Left In: -31.554+/-89.170 χ^2/NDF:31.0/19

Left: -72.099+/-62.540 χ^2/NDF: 60.7/41

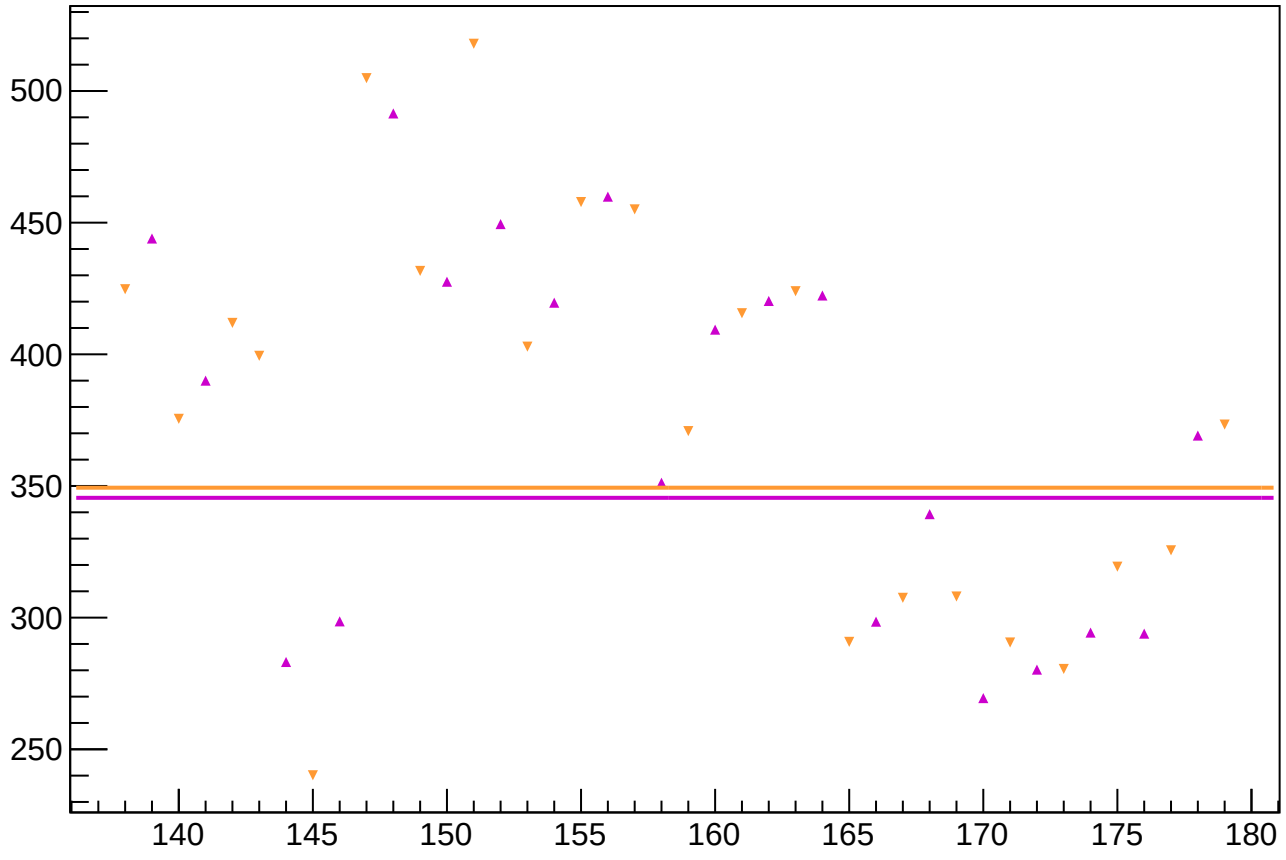
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.554+/-89.170 χ^2/NDF:31.0/19

Out: -111.352+/-87.738 χ^2/NDF:29.3/21

All: -72.099+/-62.540 χ^2/NDF: 60.7/41

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 349.345+/-0.062 χ^2/NDF:1360708.8/21

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

Left In: 345.500+/-0.063 χ^2/NDF:1124127.7/19

Left: 347.454+/-0.044 χ^2/NDF: 2486725.9/41

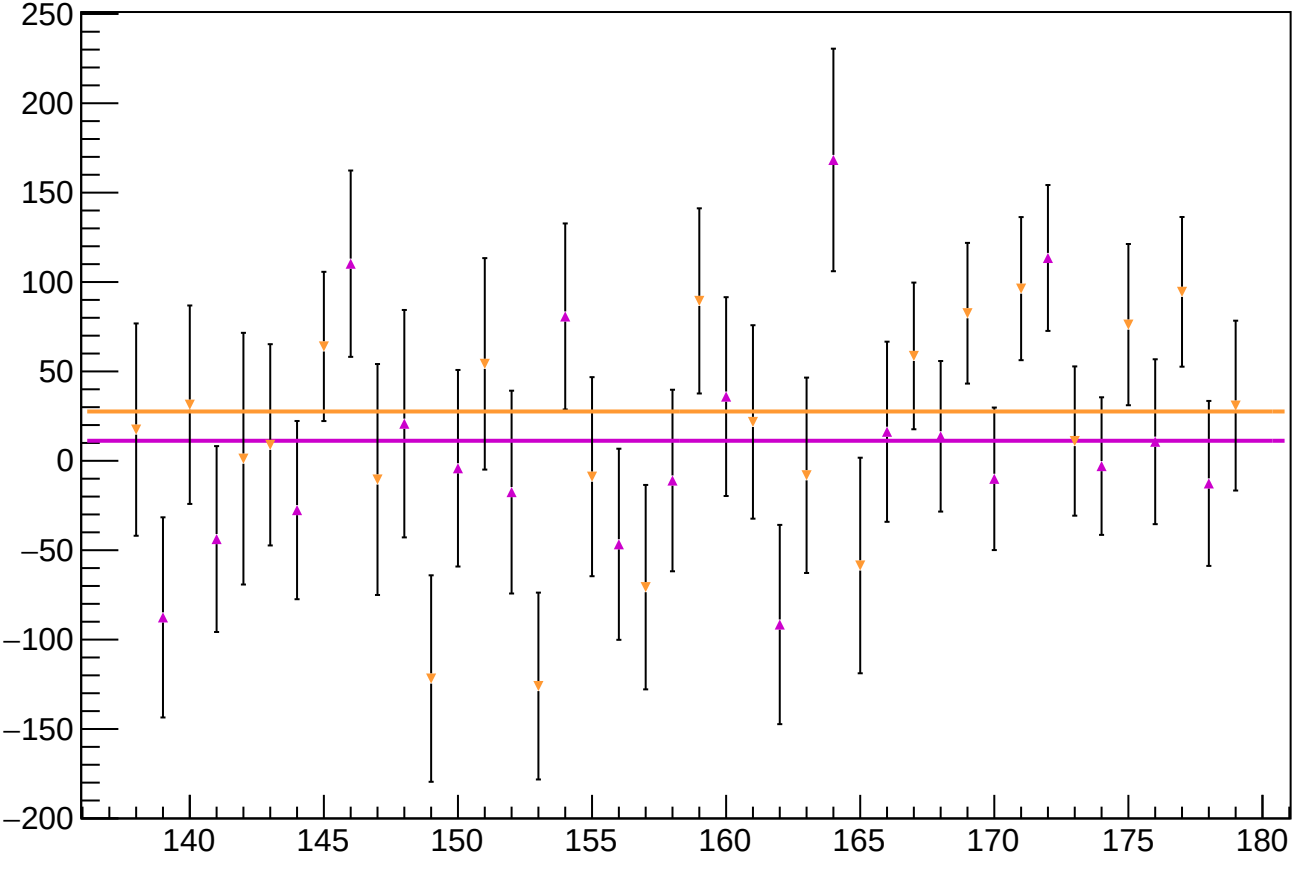
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 345.500+/-0.063 χ^2/NDF:1124127.7/19

Out: 349.345+/-0.062 χ^2/NDF:1360708.8/21

All: 347.454+/-0.044 χ^2/NDF: 2486725.9/41

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 27.592+/-10.667 χ^2/NDF:33.6/21

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

Left In: 11.213+/-11.068 χ^2/NDF:28.9/19

Left: 19.705+/-7.680 χ^2/NDF: 63.6/41

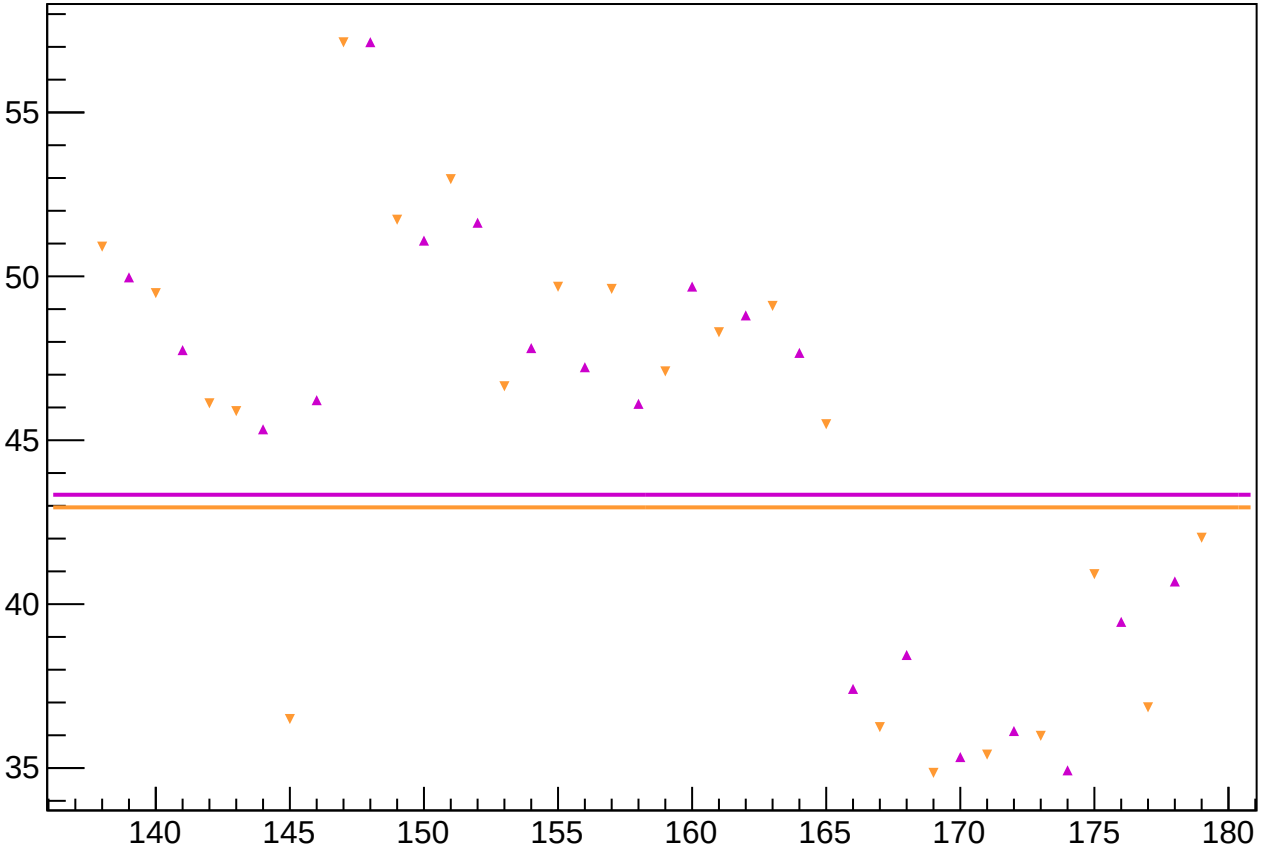
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.213+/-11.068 χ^2/NDF:28.9/19

Out: 27.592+/-10.667 χ^2/NDF:33.6/21

All: 19.705+/-7.680 χ^2/NDF: 63.6/41

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: 42.953+/-0.008 χ^2/NDF:760798.1/21

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

Left In: 43.337+/-0.008 χ^2/NDF:628840.0/19

Left: 43.138+/-0.005 χ^2/NDF: 1390891.0/41

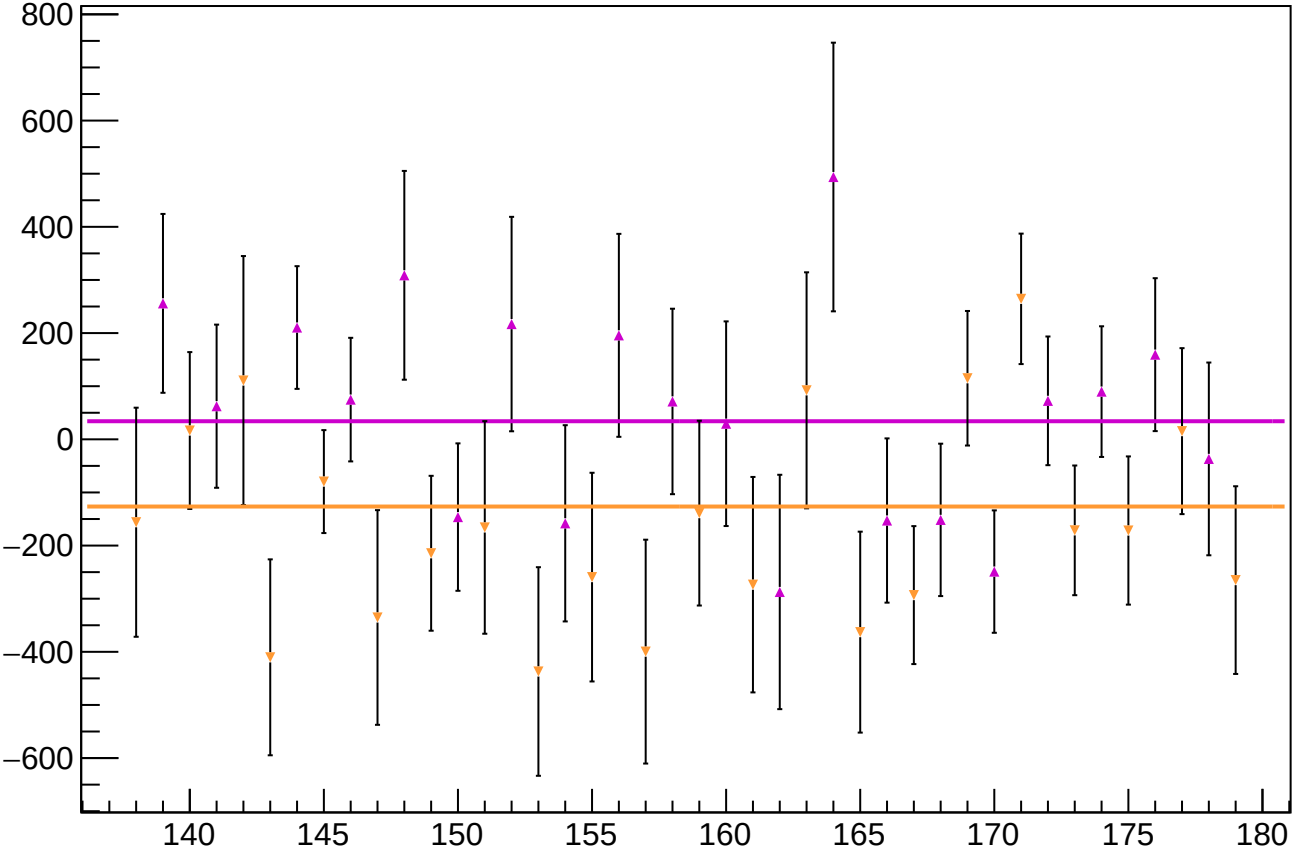
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 43.337+/-0.008 χ^2/NDF:628840.0/19

Out: 42.953+/-0.008 χ^2/NDF:760798.1/21

All: 43.138+/-0.005 χ^2/NDF: 1390891.0/41

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: -126.508+/-33.756 χ^2/NDF:30.9/21

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

Left In: 34.066+/-34.092 χ^2/NDF:26.4/19

Left: -47.015+/-23.987 χ^2/NDF: 68.4/41

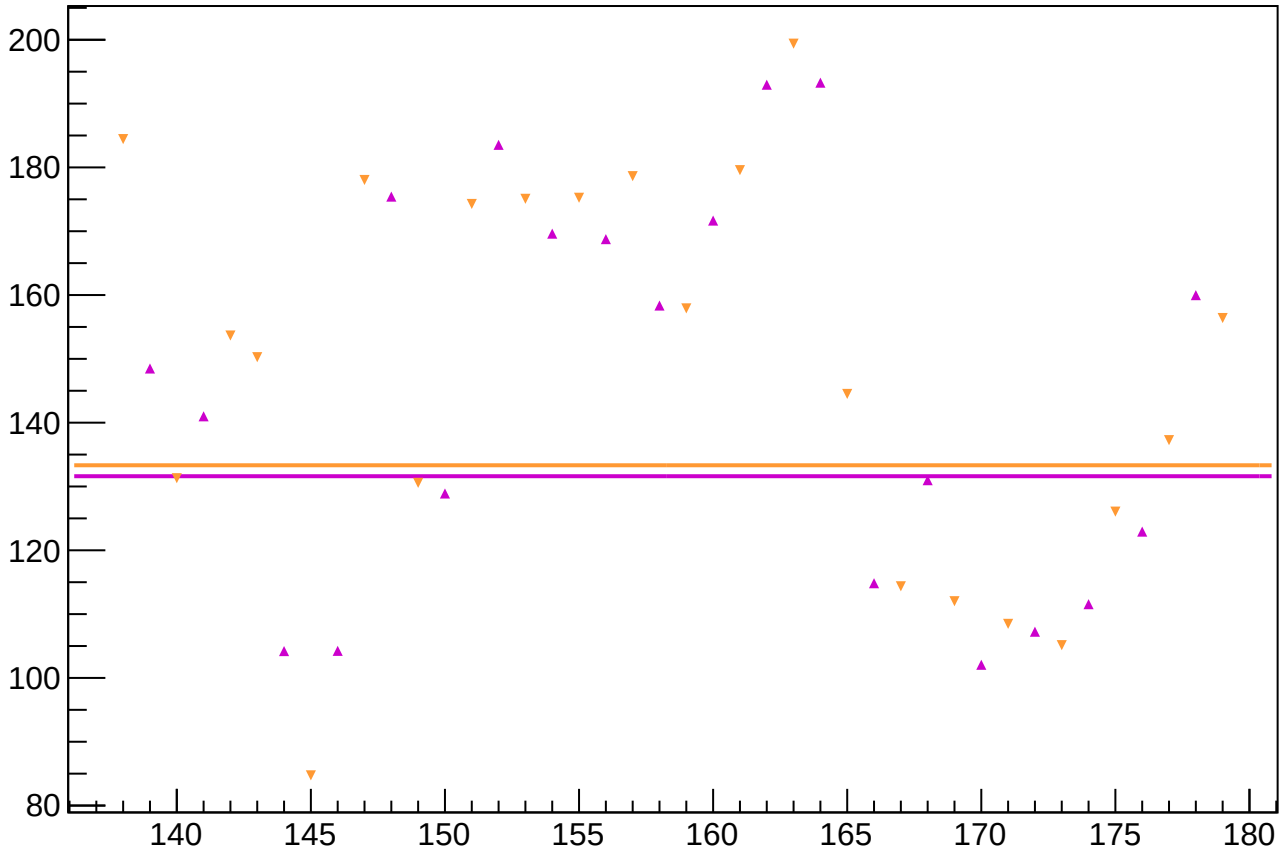
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 34.066+/-34.092 χ^2/NDF:26.4/19

Out: -126.508+/-33.756 χ^2/NDF:30.9/21

All: -47.015+/-23.987 χ^2/NDF: 68.4/41

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 133.324+/-0.024 χ^2/NDF:1760684.2/21

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

Left In: 131.609+/-0.024 χ^2/NDF:1396440.0/19

Left: 132.475+/-0.017 χ^2/NDF: 3159680.2/41

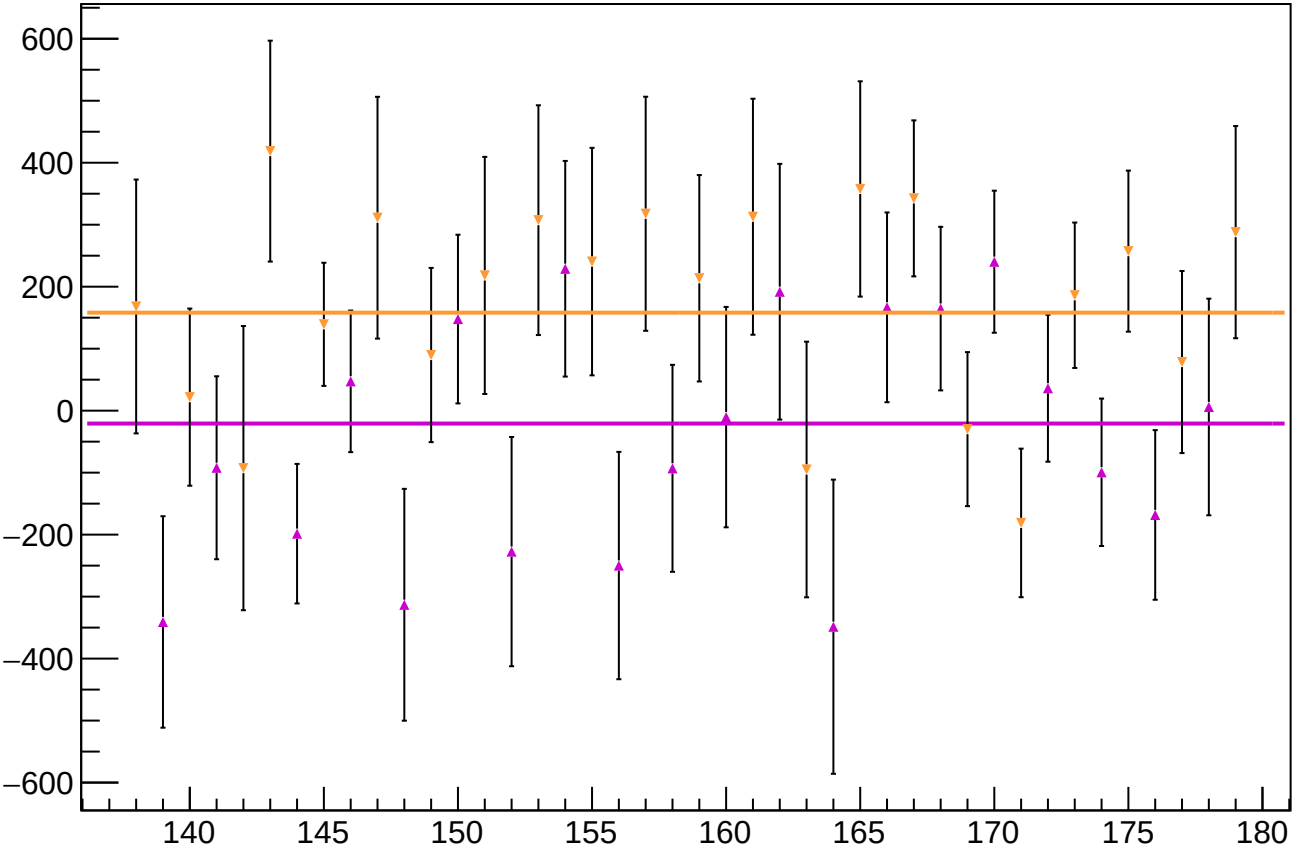
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 131.609+/-0.024 χ^2/NDF:1396440.0/19

Out: 133.324+/-0.024 χ^2/NDF:1760684.2/21

All: 132.475+/-0.017 χ^2/NDF: 3159680.2/41

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 158.129+/-32.511 χ^2/NDF:24.4/21

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

Left In: -20.782+/-32.905 χ^2/NDF:29.1/19

Left: 69.751+/-23.127 χ^2/NDF: 68.4/41

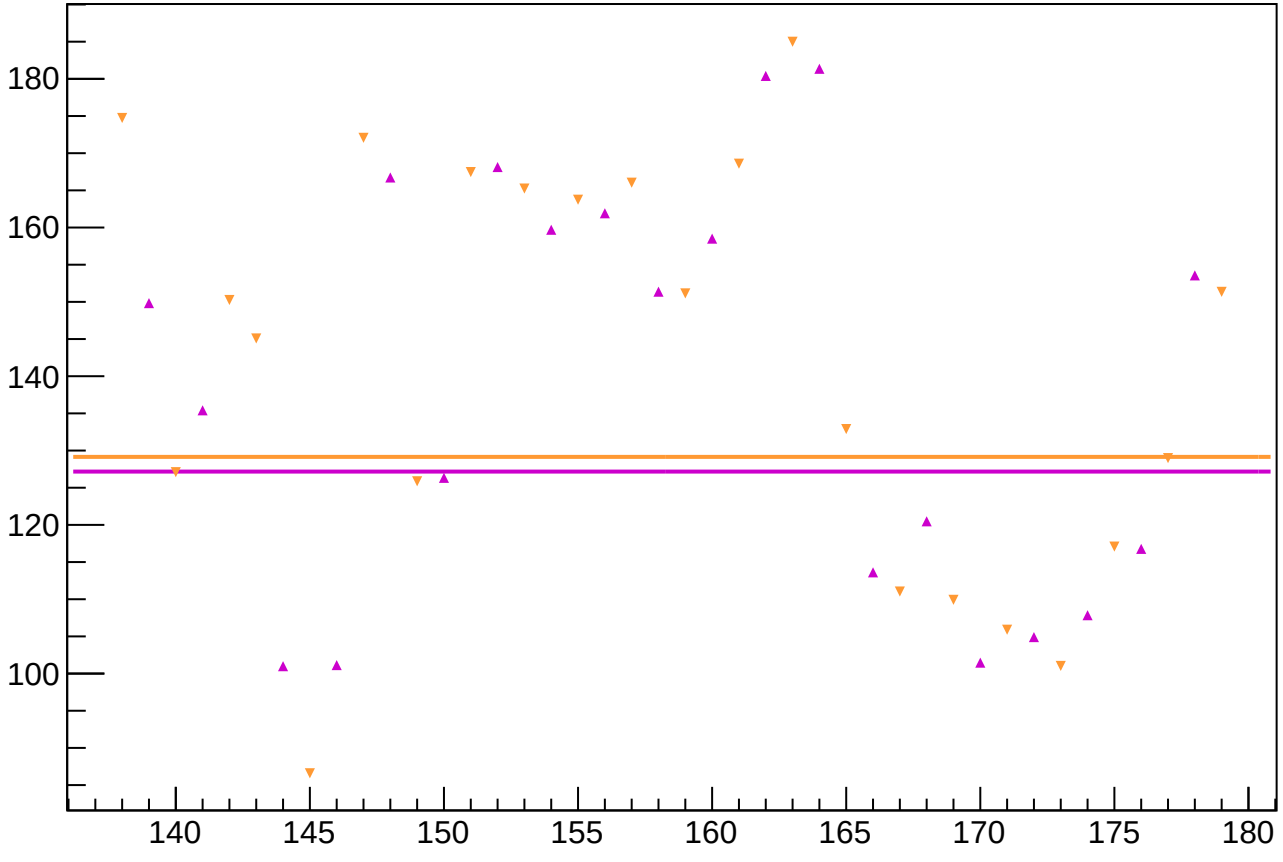
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -20.782+/-32.905 χ^2/NDF:29.1/19

Out: 158.129+/-32.511 χ^2/NDF:24.4/21

All: 69.751+/-23.127 χ^2/NDF: 68.4/41

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 129.149+/-0.023 χ^2/NDF:1499889.8/21

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

Left In: 127.171+/-0.023 χ^2/NDF:1226638.6/19

Left: 128.172+/-0.016 χ^2/NDF: 2730183.3/41

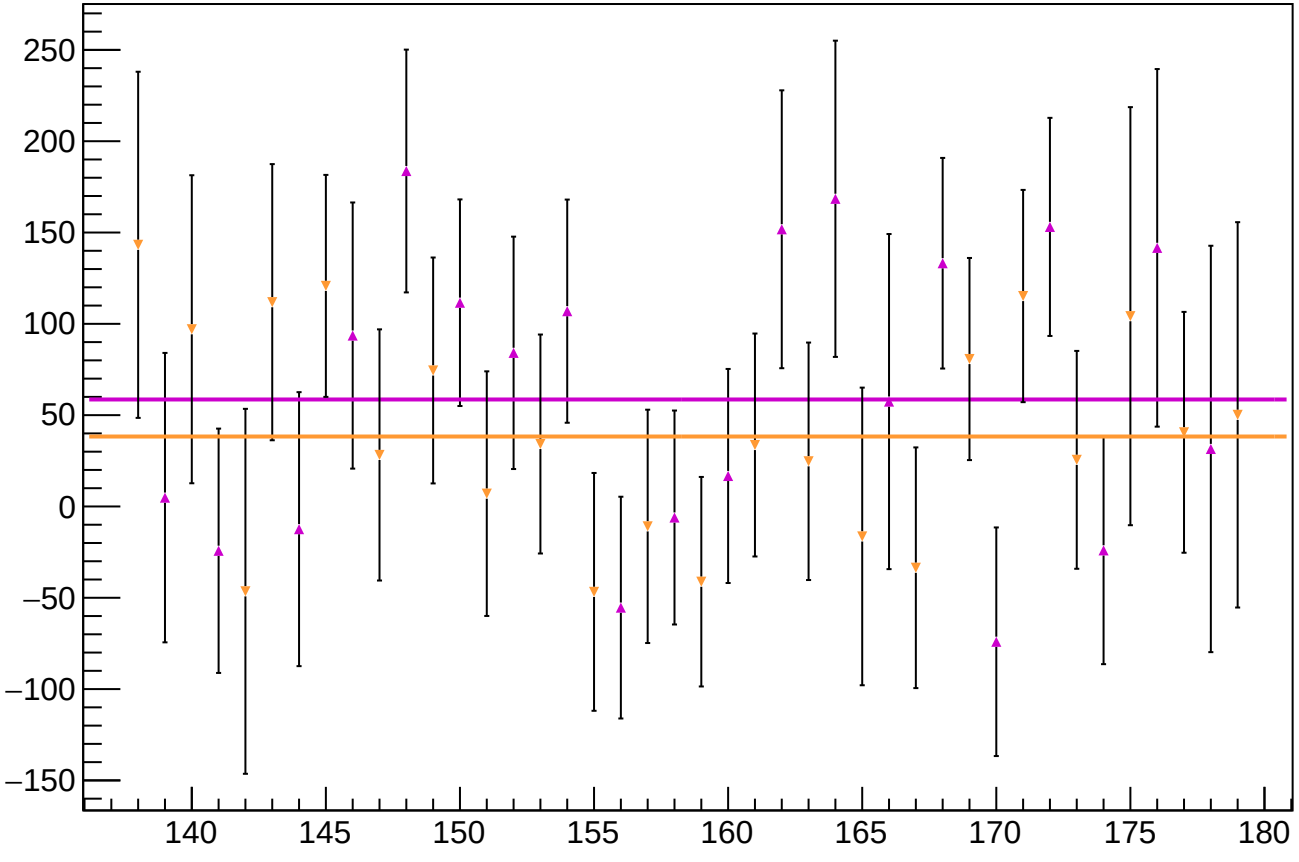
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 127.171+/-0.023 χ^2/NDF:1226638.6/19

Out: 129.149+/-0.023 χ^2/NDF:1499889.8/21

All: 128.172+/-0.016 χ^2/NDF: 2730183.3/41

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 38.302+/-14.521 χ^2/NDF:14.4/21

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

Left In: 58.579+/-15.144 χ^2/NDF:27.9/19

Left: 48.015+/-10.481 χ^2/NDF: 43.3/41

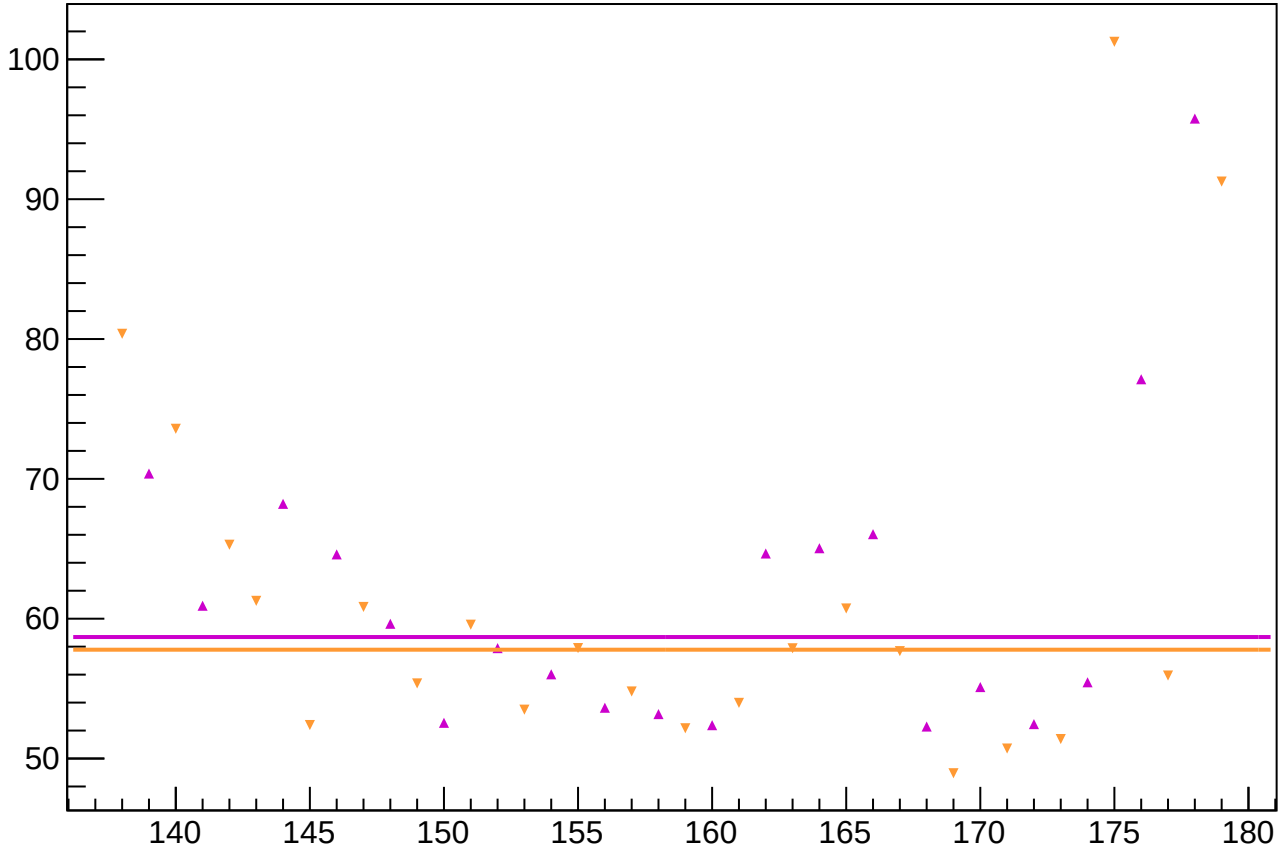
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.579+/-15.144 χ^2/NDF:27.9/19

Out: 38.302+/-14.521 χ^2/NDF:14.4/21

All: 48.015+/-10.481 χ^2/NDF: 43.3/41

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 57.783+/-0.010 χ^2/NDF:862714.7/21

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

Left In: 58.689+/-0.011 χ^2/NDF:561190.7/19

Left: 58.217+/-0.007 χ^2/NDF: 1427634.6/41

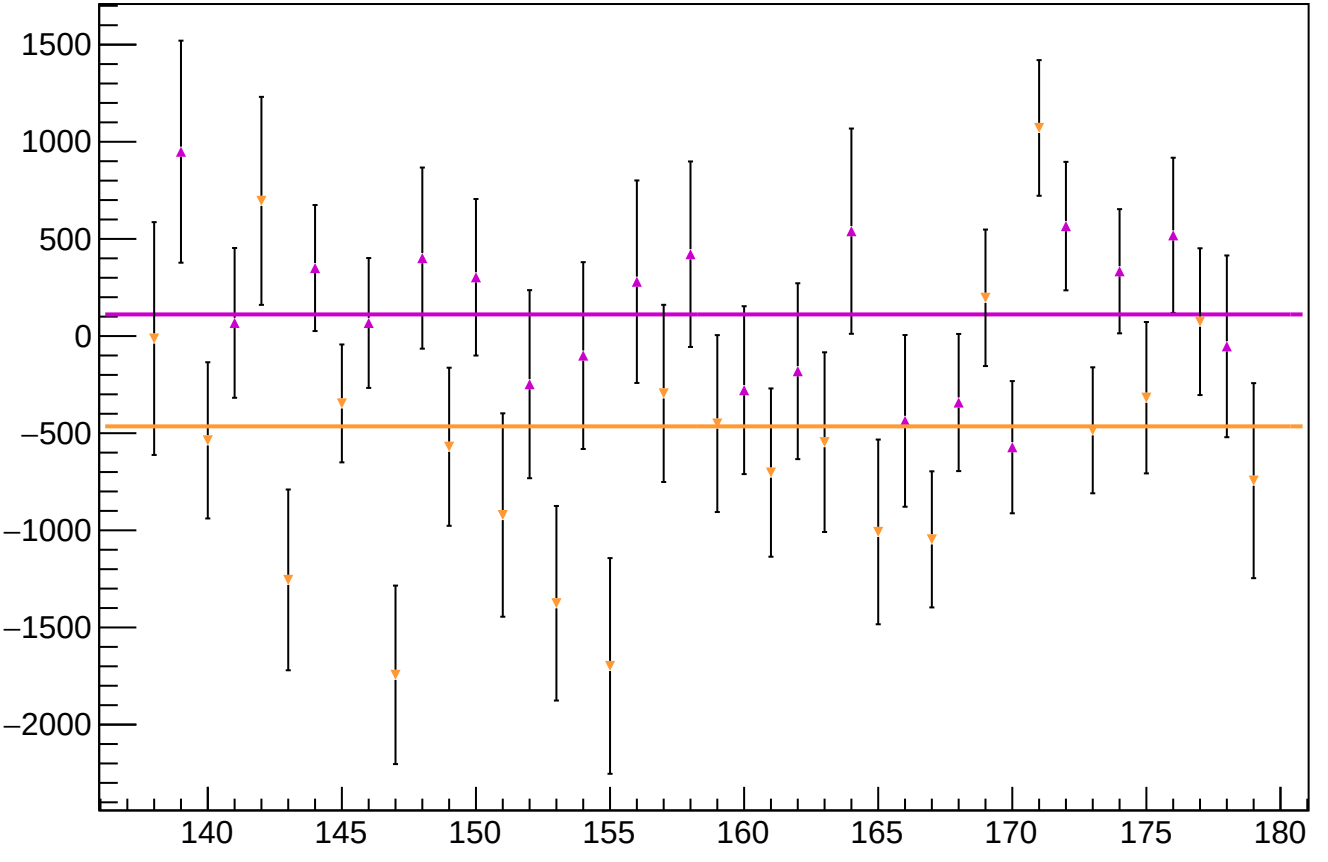
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.689+/-0.011 χ^2/NDF:561190.7/19

Out: 57.783+/-0.010 χ^2/NDF:862714.7/21

All: 58.217+/-0.007 χ^2/NDF: 1427634.6/41

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -464.852+/-89.373 χ^2/NDF:55.1/21

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

Left In: 111.327+/-90.889 χ^2/NDF:17.3/19

Left: -181.606+/-63.726 χ^2/NDF: 92.8/41

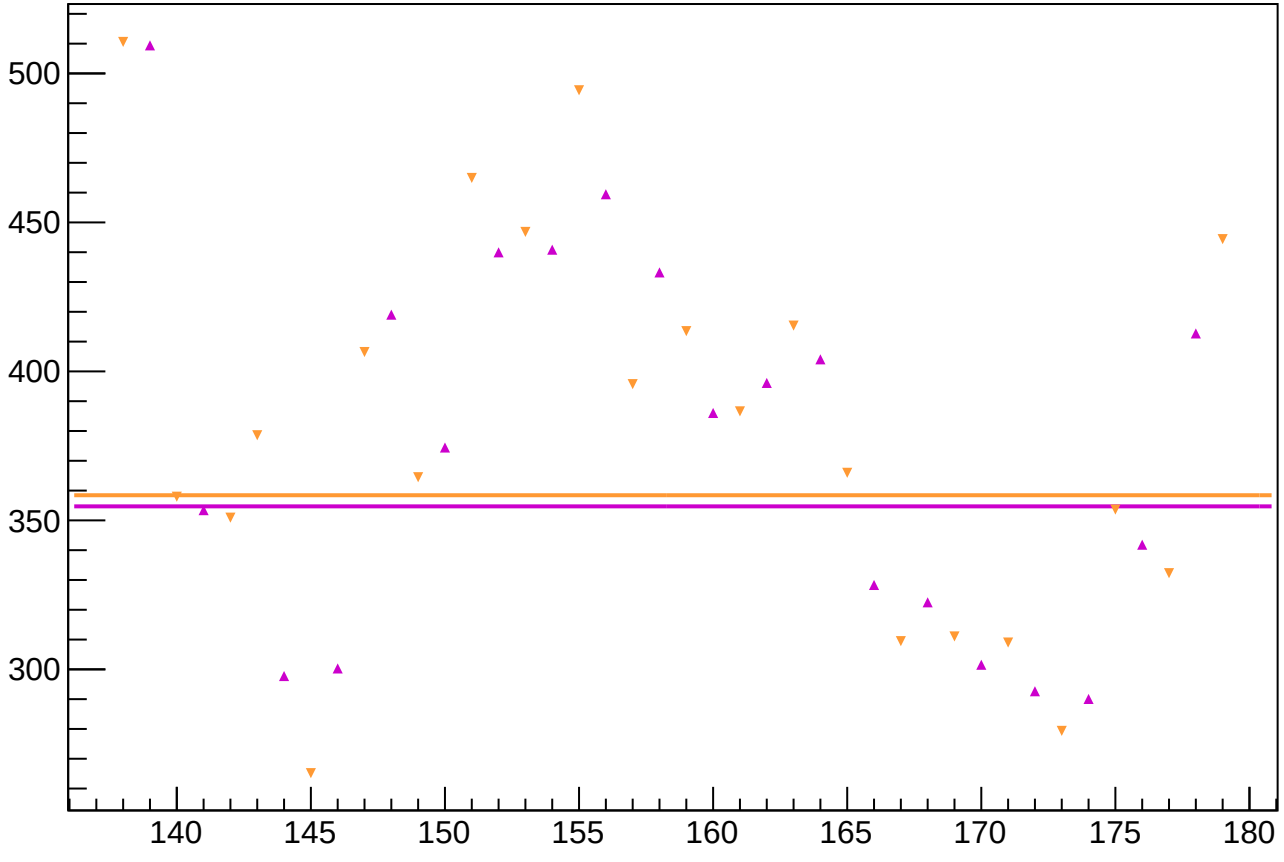
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.327+/-90.889 χ^2/NDF:17.3/19

Out: -464.852+/-89.373 χ^2/NDF:55.1/21

All: -181.606+/-63.726 χ^2/NDF: 92.8/41

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 358.439+/-0.063 χ^2/NDF:994348.9/21

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

Left In: 354.706+/-0.064 χ^2/NDF:867674.9/19

Left: 356.604+/-0.045 χ^2/NDF: 1863738.9/41

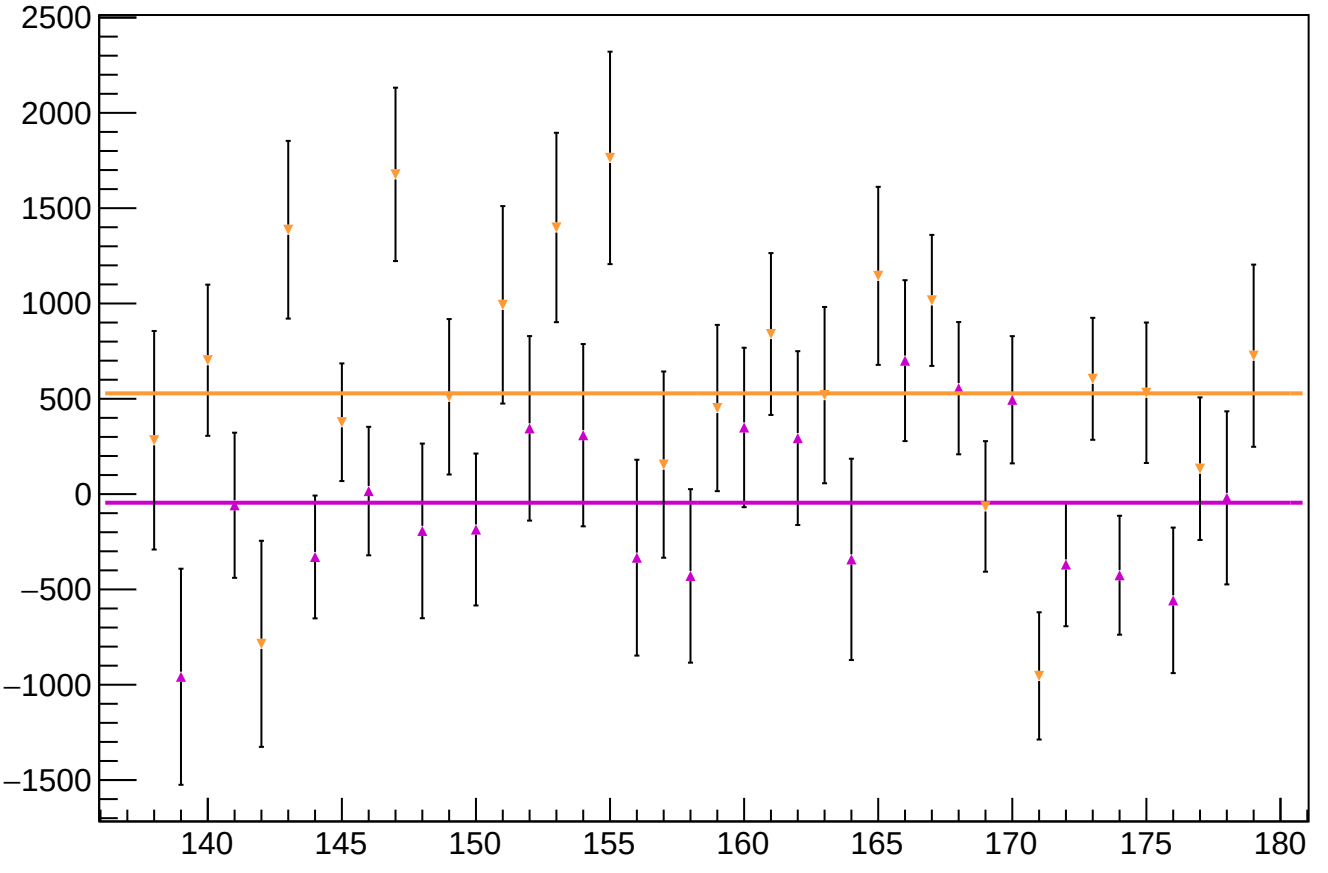
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 354.706+/-0.064 χ^2/NDF:867674.9/19

Out: 358.439+/-0.063 χ^2/NDF:994348.9/21

All: 356.604+/-0.045 χ^2/NDF: 1863738.9/41

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 528.624+/-88.160 χ^2/NDF:54.1/21

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

Left In: -45.160+/-89.334 χ^2/NDF:20.7/19

Left: 245.528+/-62.750 χ^2/NDF: 95.6/41

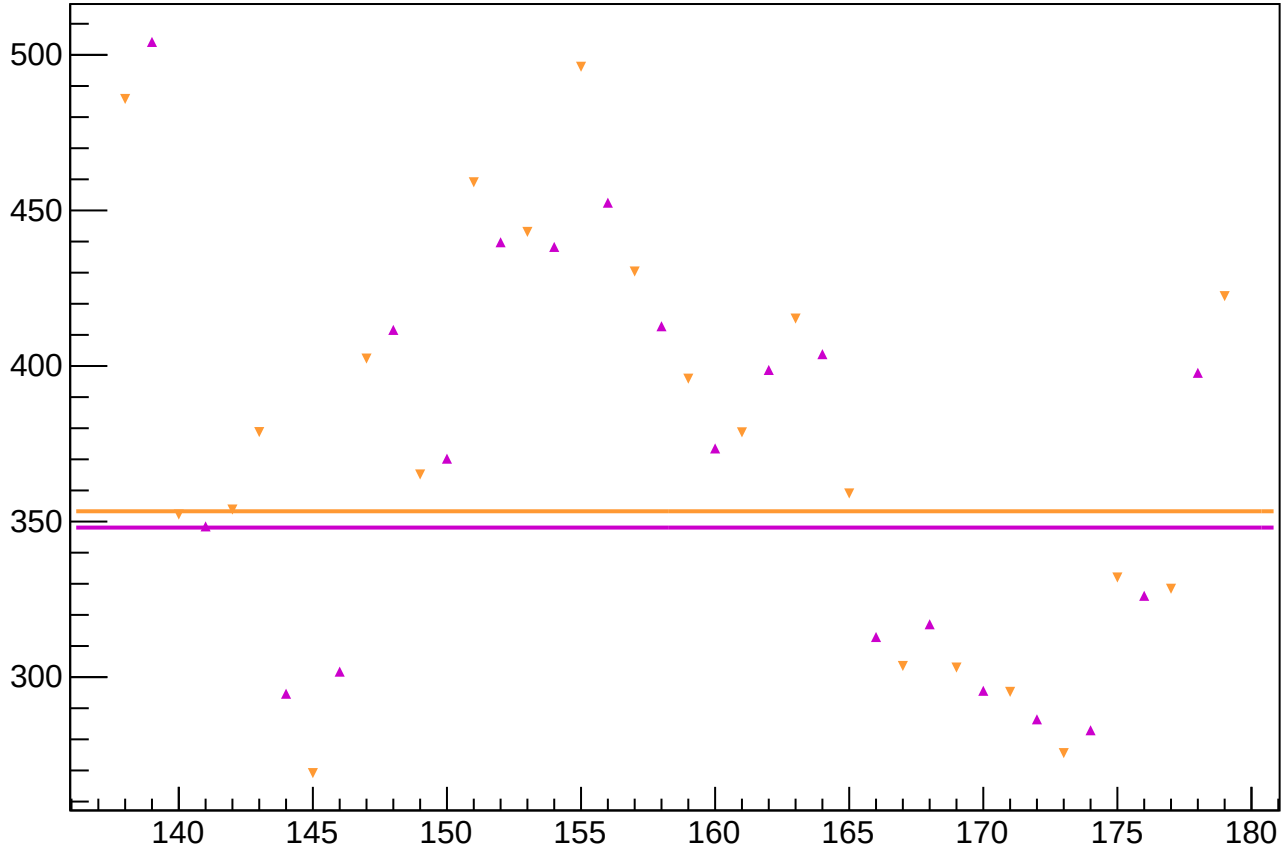
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -45.160+/-89.334 χ^2/NDF:20.7/19

Out: 528.624+/-88.160 χ^2/NDF:54.1/21

All: 245.528+/-62.750 χ^2/NDF: 95.6/41

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 353.307+/-0.062 χ^2/NDF:999852.1/21

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

Left In: 348.065+/-0.063 χ^2/NDF:879083.7/19

Left: 350.720+/-0.044 χ^2/NDF: 1882423.8/41

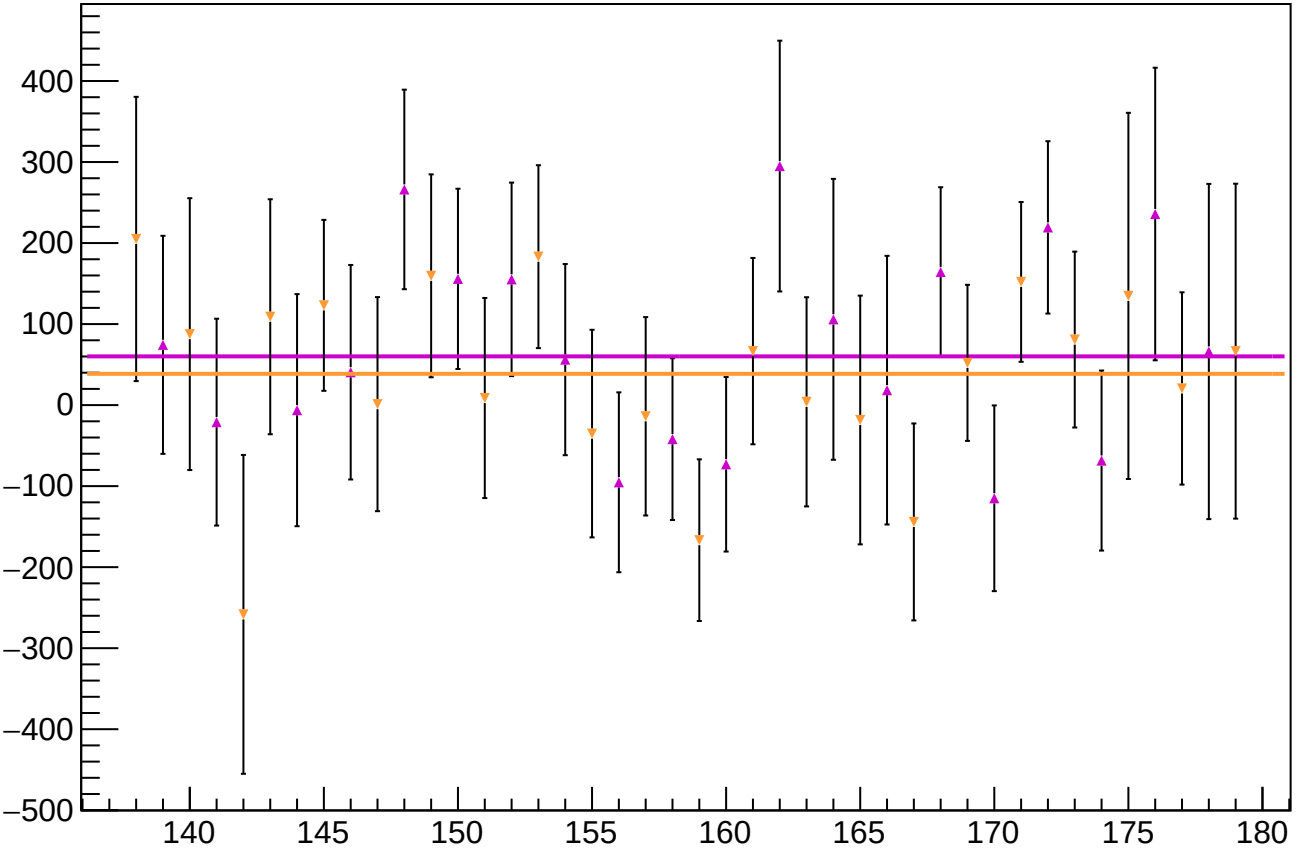
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 348.065+/-0.063 χ^2/NDF:879083.7/19

Out: 353.307+/-0.062 χ^2/NDF:999852.1/21

All: 350.720+/-0.044 χ^2/NDF: 1882423.8/41

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 38.605+/-26.920 χ^2/NDF:15.8/21

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

Left In: 60.141+/-27.937 χ^2/NDF:19.7/19

Left: 48.974+/-19.385 χ^2/NDF: 35.8/41

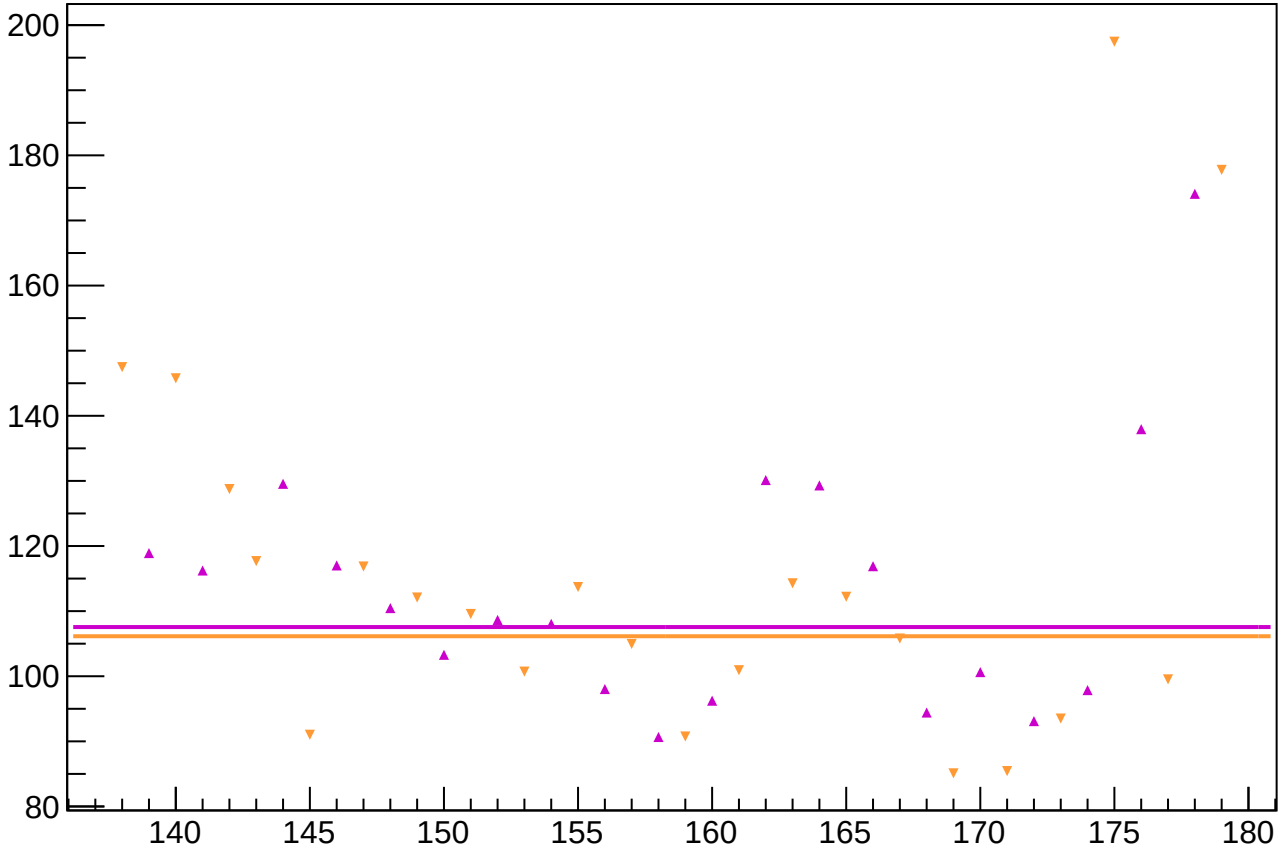
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.141+/-27.937 χ^2/NDF:19.7/19

Out: 38.605+/-26.920 χ^2/NDF:15.8/21

All: 48.974+/-19.385 χ^2/NDF: 35.8/41

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 106.142+/-0.019 χ^2/NDF:1180456.0/21

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

Left In: 107.555+/-0.020 χ^2/NDF:614061.9/19

Left: 106.822+/-0.014 χ^2/NDF: 1797172.2/41

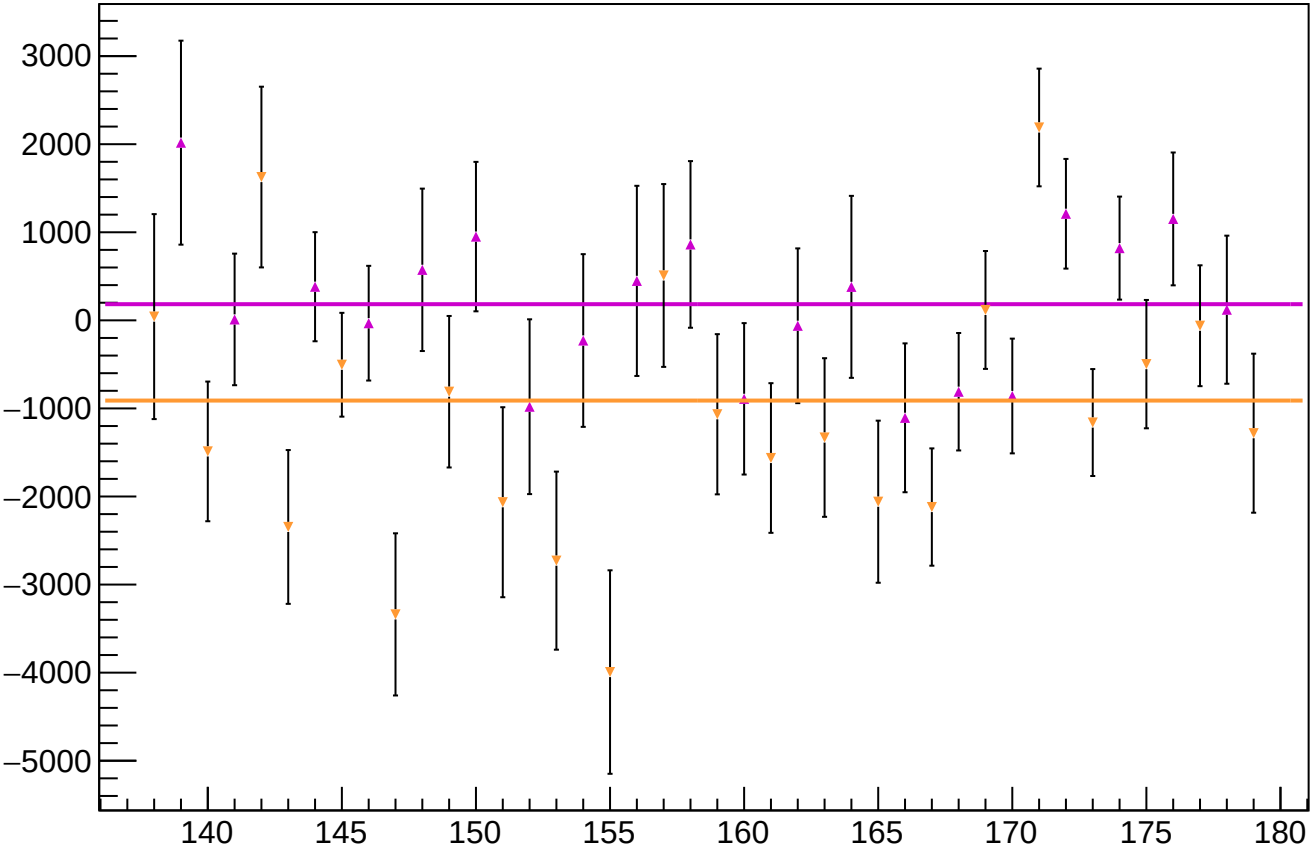
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 107.555+/-0.020 χ^2/NDF:614061.9/19

Out: 106.142+/-0.019 χ^2/NDF:1180456.0/21

All: 106.822+/-0.014 χ^2/NDF: 1797172.2/41

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -910.755+/-173.548 χ^2/NDF:62.6/21

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

Left In: 183.489+/-175.770 χ^2/NDF:20.2/19

Left: -370.595+/-123.495 χ^2/NDF: 102.5/41

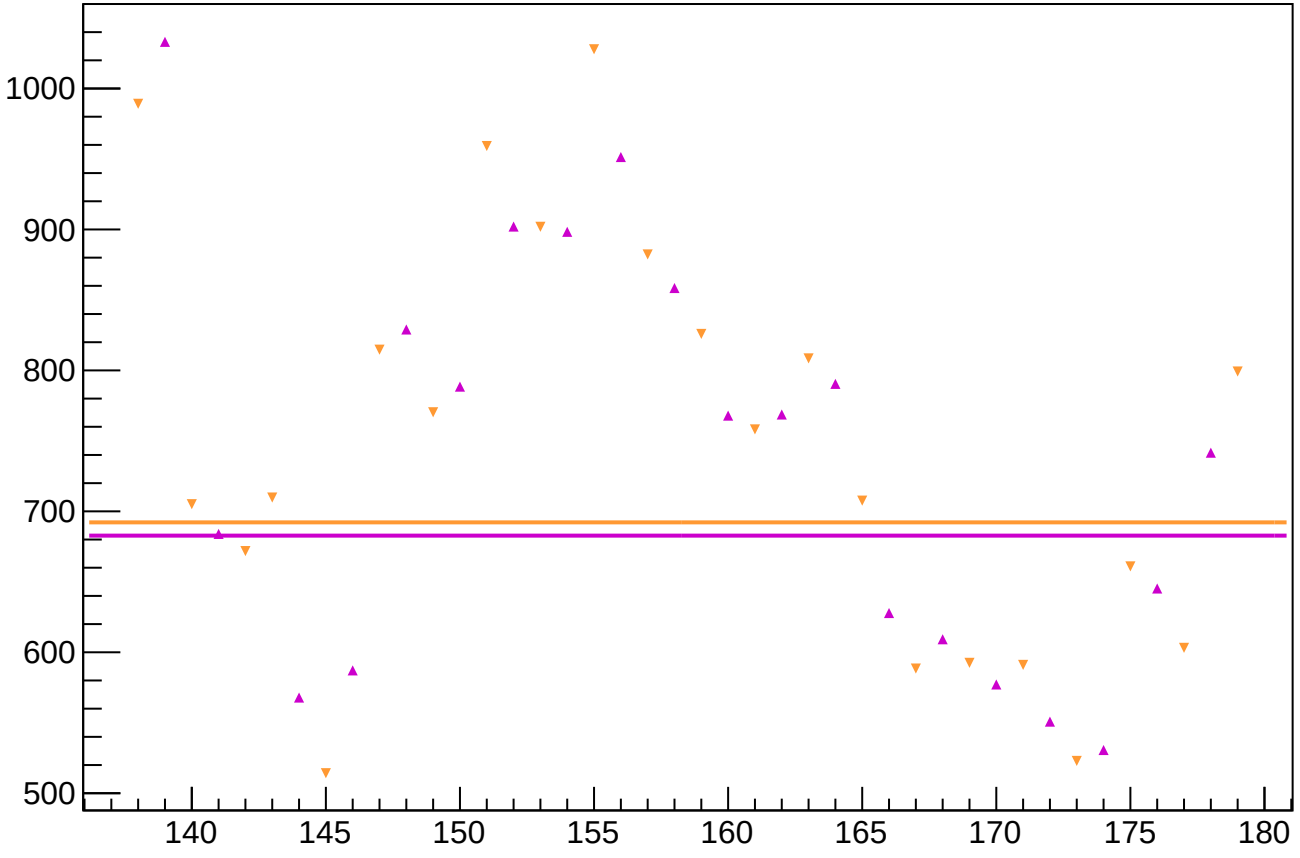
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 183.489+/-175.770 χ^2/NDF:20.2/19

Out: -910.755+/-173.548 χ^2/NDF:62.6/21

All: -370.595+/-123.495 χ^2/NDF: 102.5/41

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 692.176+/-0.123 χ^2/NDF:1260173.5/21

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

Left In: 682.770+/-0.124 χ^2/NDF:1149216.7/19

Left: 687.533+/-0.087 χ^2/NDF: 2412290.7/41

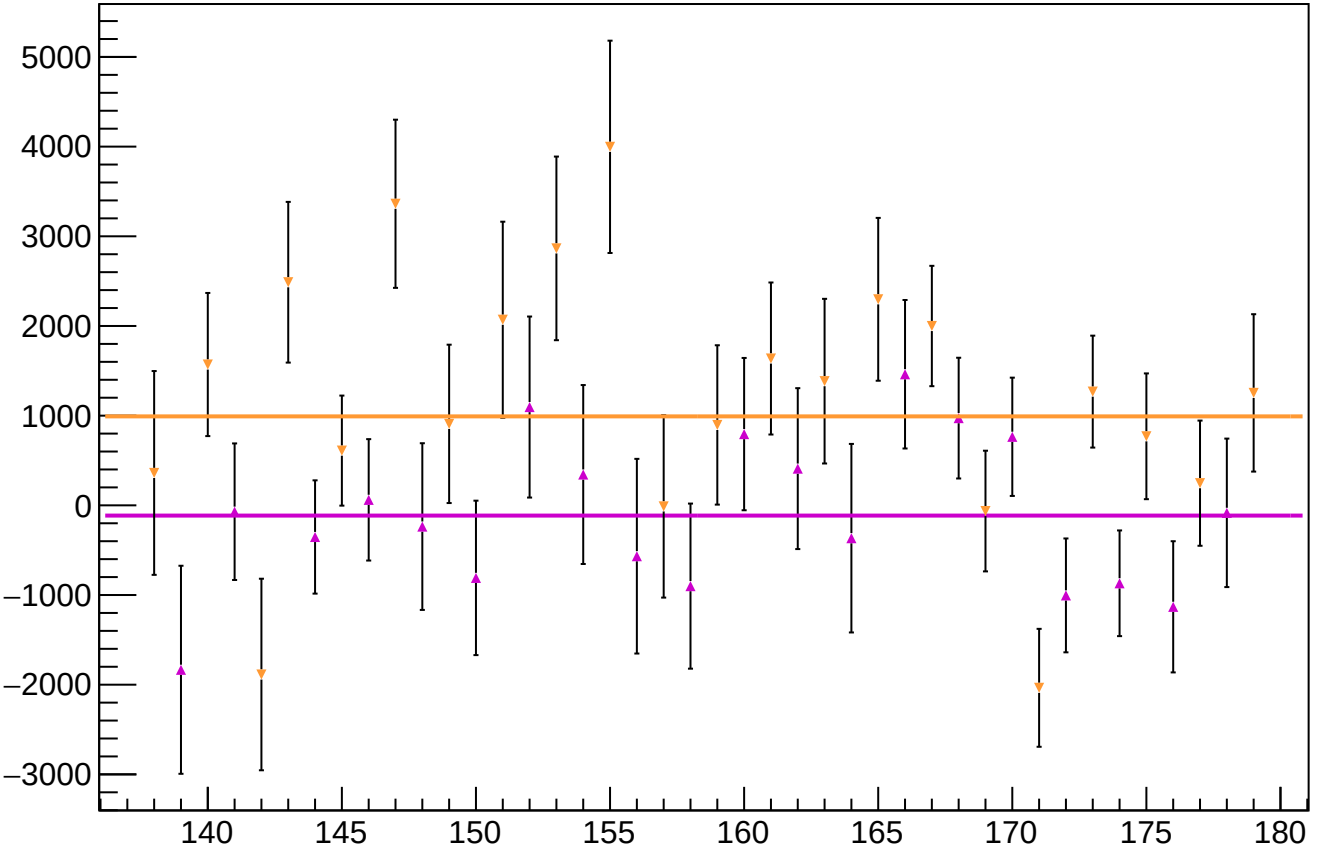
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 682.770+/-0.124 χ^2/NDF:1149216.7/19

Out: 692.176+/-0.123 χ^2/NDF:1260173.5/21

All: 687.533+/-0.087 χ^2/NDF: 2412290.7/41

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 991.915+/-174.693 χ^2/NDF:59.7/21

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

Left In: -114.285+/-177.142 χ^2/NDF:20.7/19

Left: 446.514+/-124.383 χ^2/NDF: 100.2/41

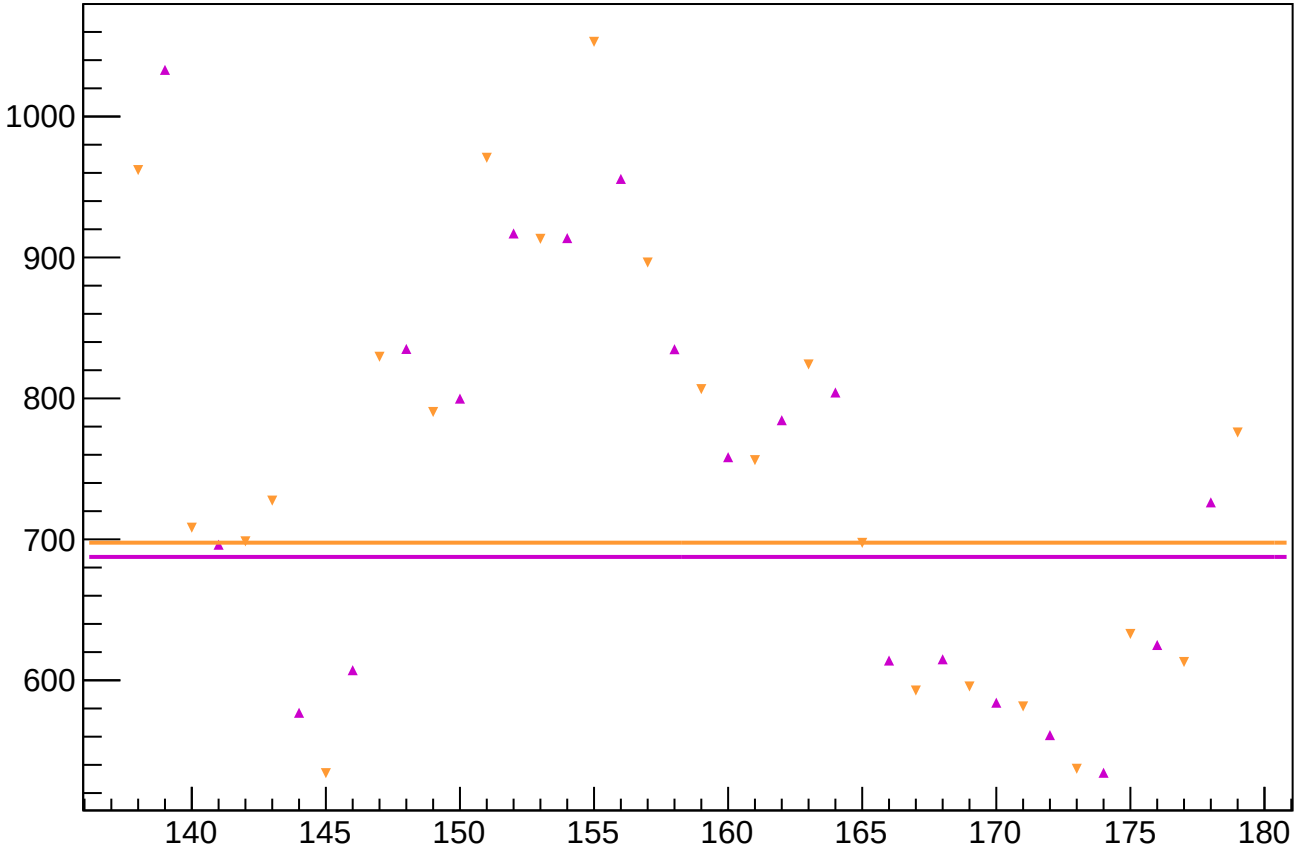
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -114.285+/-177.142 χ^2/NDF:20.7/19

Out: 991.915+/-174.693 χ^2/NDF:59.7/21

All: 446.514+/-124.383 χ^2/NDF: 100.2/41

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 697.648+/-0.124 χ^2/NDF:1214015.2/21

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

Left In: 687.536+/-0.125 χ^2/NDF:1114829.3/19

Left: 692.662+/-0.088 χ^2/NDF: 2332148.1/41

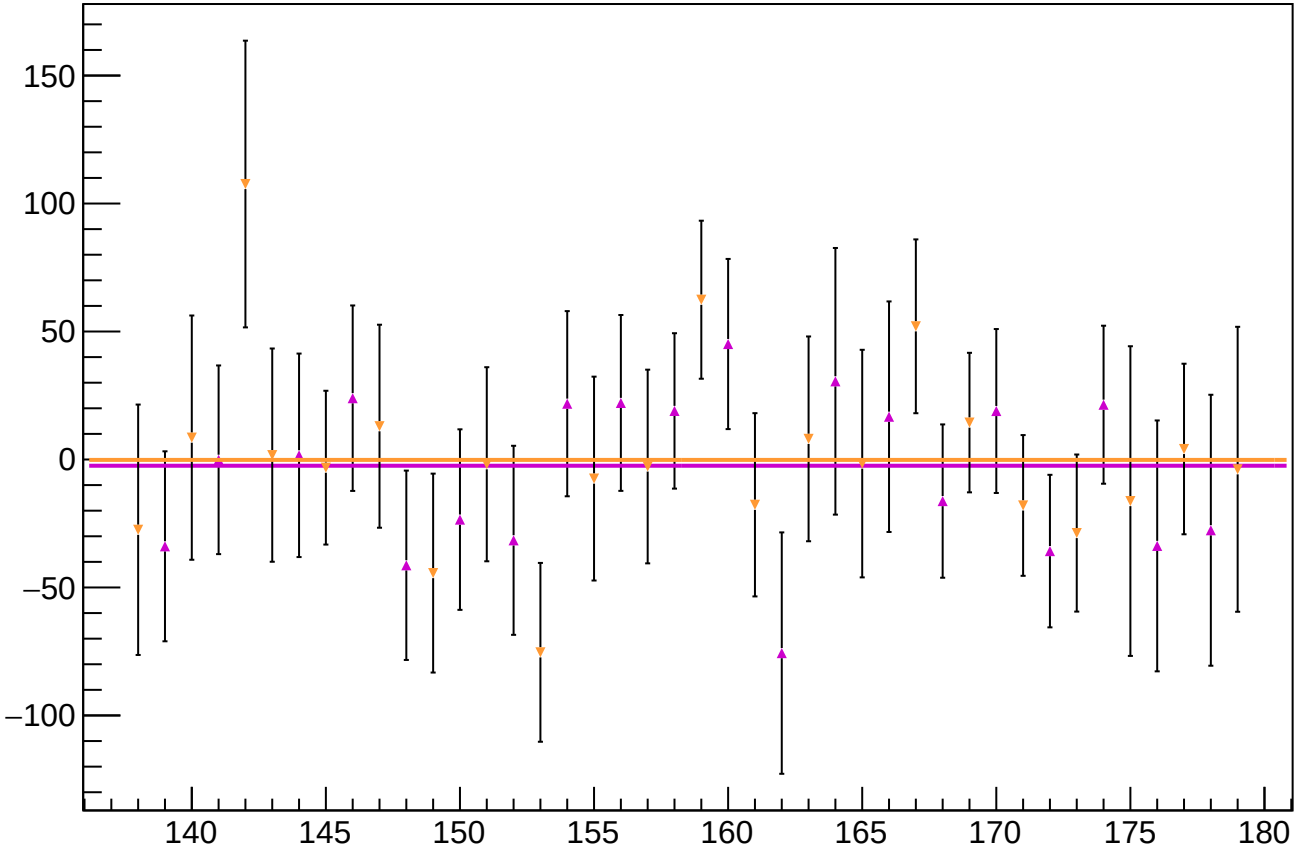
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 687.536+/-0.125 χ^2/NDF:1114829.3/19

Out: 697.648+/-0.124 χ^2/NDF:1214015.2/21

All: 692.662+/-0.088 χ^2/NDF: 2332148.1/41

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -0.161+/-7.892 χ^2/NDF:18.6/21

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

Left In: -2.441+/-8.144 χ^2/NDF:13.0/19

Left: -1.265+/-5.667 χ^2/NDF: 31.6/41

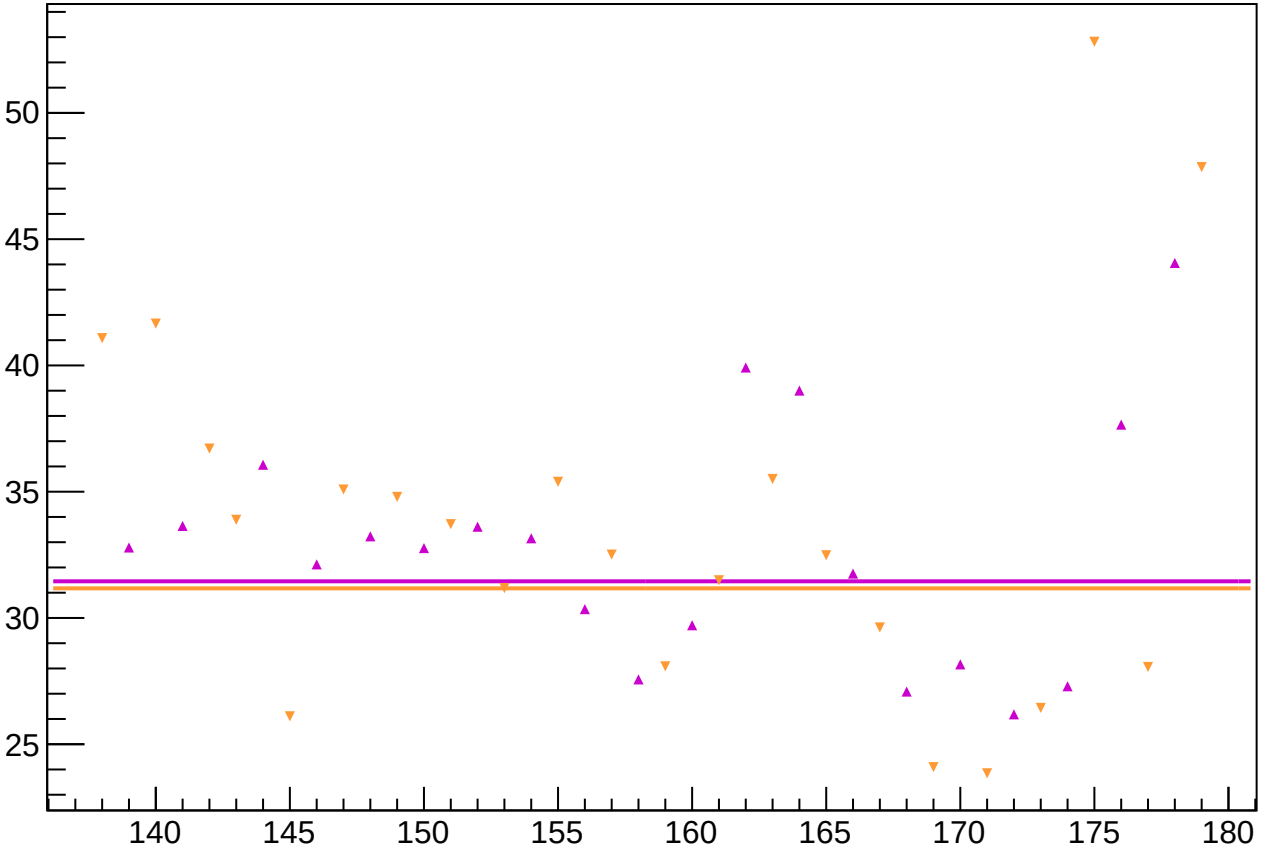
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.441+/-8.144 χ^2/NDF:13.0/19

Out: -0.161+/-7.892 χ^2/NDF:18.6/21

All: -1.265+/-5.667 χ^2/NDF: 31.6/41

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: 31.173+/-0.006 χ^2/NDF:1161460.1/21

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

Left In: 31.452+/-0.006 χ^2/NDF:510811.2/19

Left: 31.308+/-0.004 χ^2/NDF: 1673478.8/41

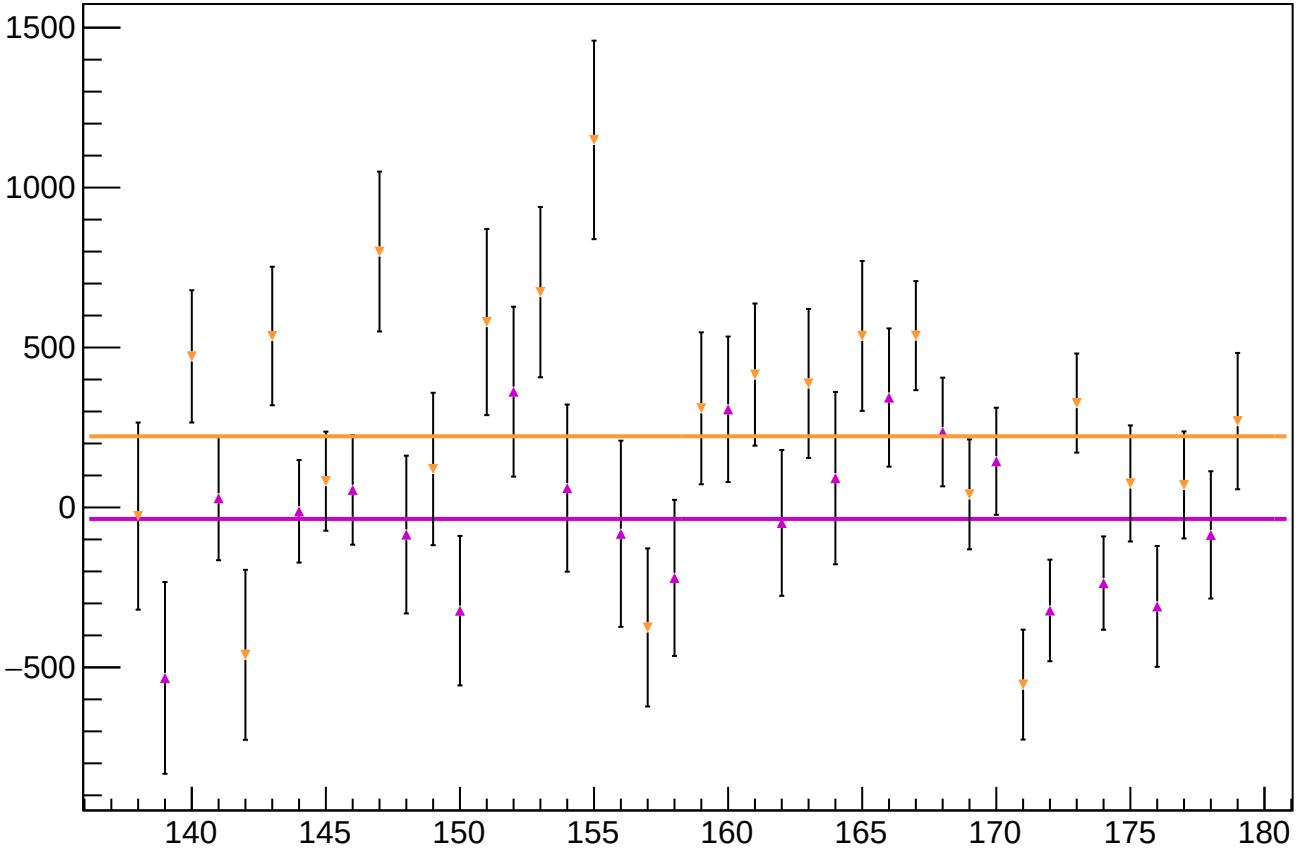
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 31.452+/-0.006 χ^2/NDF:510811.2/19

Out: 31.173+/-0.006 χ^2/NDF:1161460.1/21

All: 31.308+/-0.004 χ^2/NDF: 1673478.8/41

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: 222.492+/-44.494 χ^2/NDF:66.5/21

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

Left In: -35.896+/-45.322 χ^2/NDF:24.3/19

Left: 95.679+/-31.751 χ^2/NDF: 107.3/41

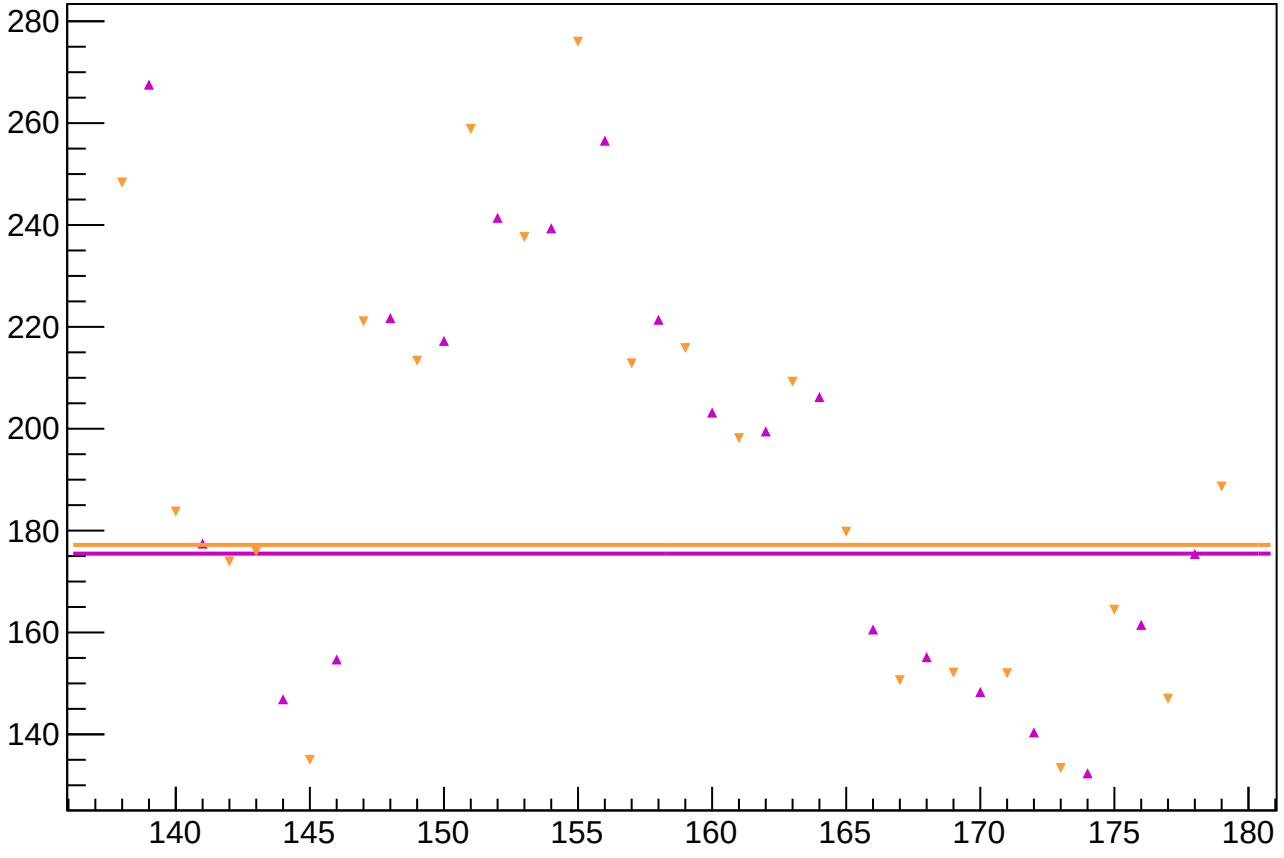
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -35.896+/-45.322 χ^2/NDF:24.3/19

Out: 222.492+/-44.494 χ^2/NDF:66.5/21

All: 95.679+/-31.751 χ^2/NDF: 107.3/41

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: 177.198+/-0.031 χ^2/NDF:1365547.3/21

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

Left In: 175.480+/-0.032 χ^2/NDF:1336752.5/19

Left: 176.355+/-0.022 χ^2/NDF: 2703764.0/41

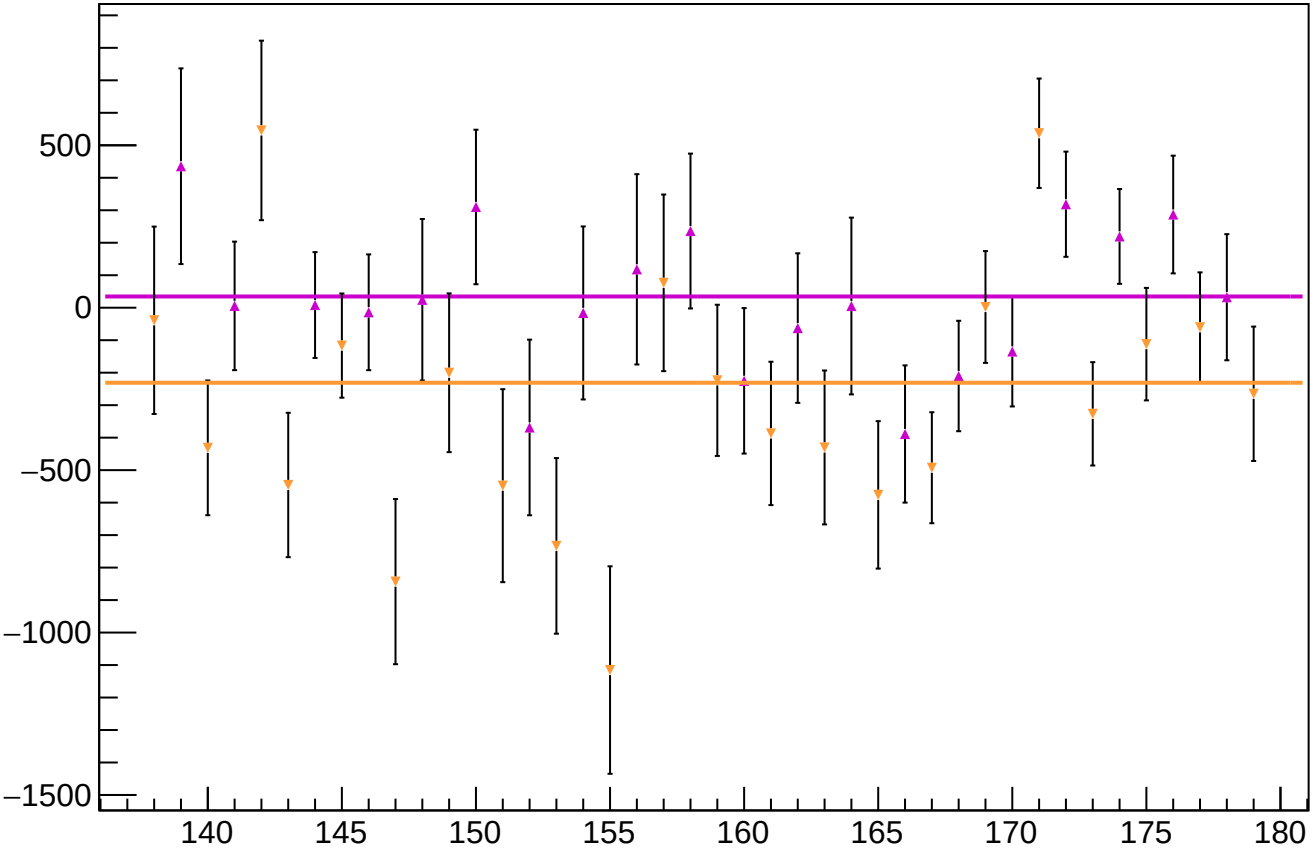
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 175.480+/-0.032 χ^2/NDF:1336752.5/19

Out: 177.198+/-0.031 χ^2/NDF:1365547.3/21

All: 176.355+/-0.022 χ^2/NDF: 2703764.0/41

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -230.976+/-44.772 χ^2/NDF:61.5/21

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

Left In: 34.572+/-45.500 χ^2/NDF:21.5/19

Left: -100.345+/-31.913 χ^2/NDF: 100.4/41

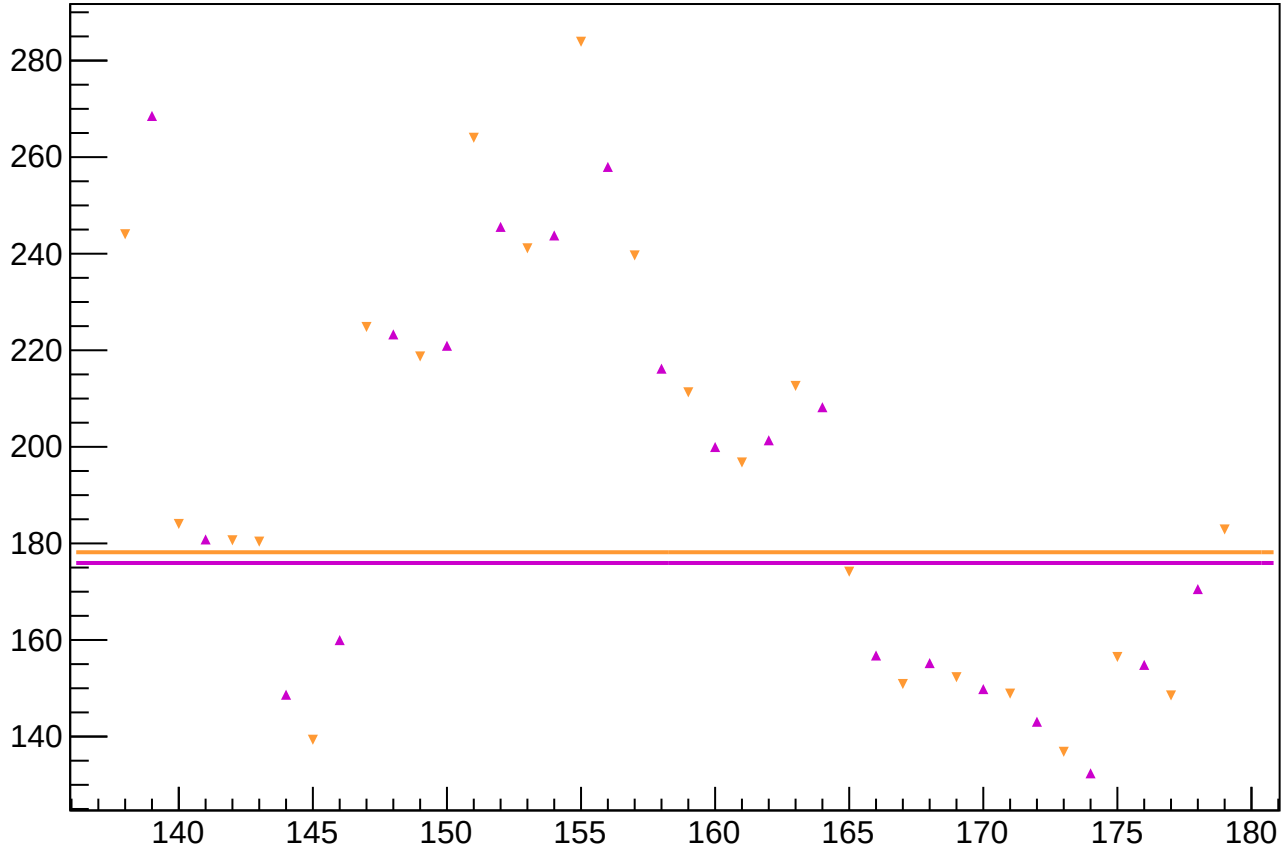
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 34.572+/-45.500 χ^2/NDF:21.5/19

Out: -230.976+/-44.772 χ^2/NDF:61.5/21

All: -100.345+/-31.913 χ^2/NDF: 100.4/41

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 178.172+/-0.032 χ^2/NDF:1426305.9/21

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

Left In: 175.947+/-0.032 χ^2/NDF:1341262.3/19

Left: 177.078+/-0.023 χ^2/NDF: 2769999.1/41

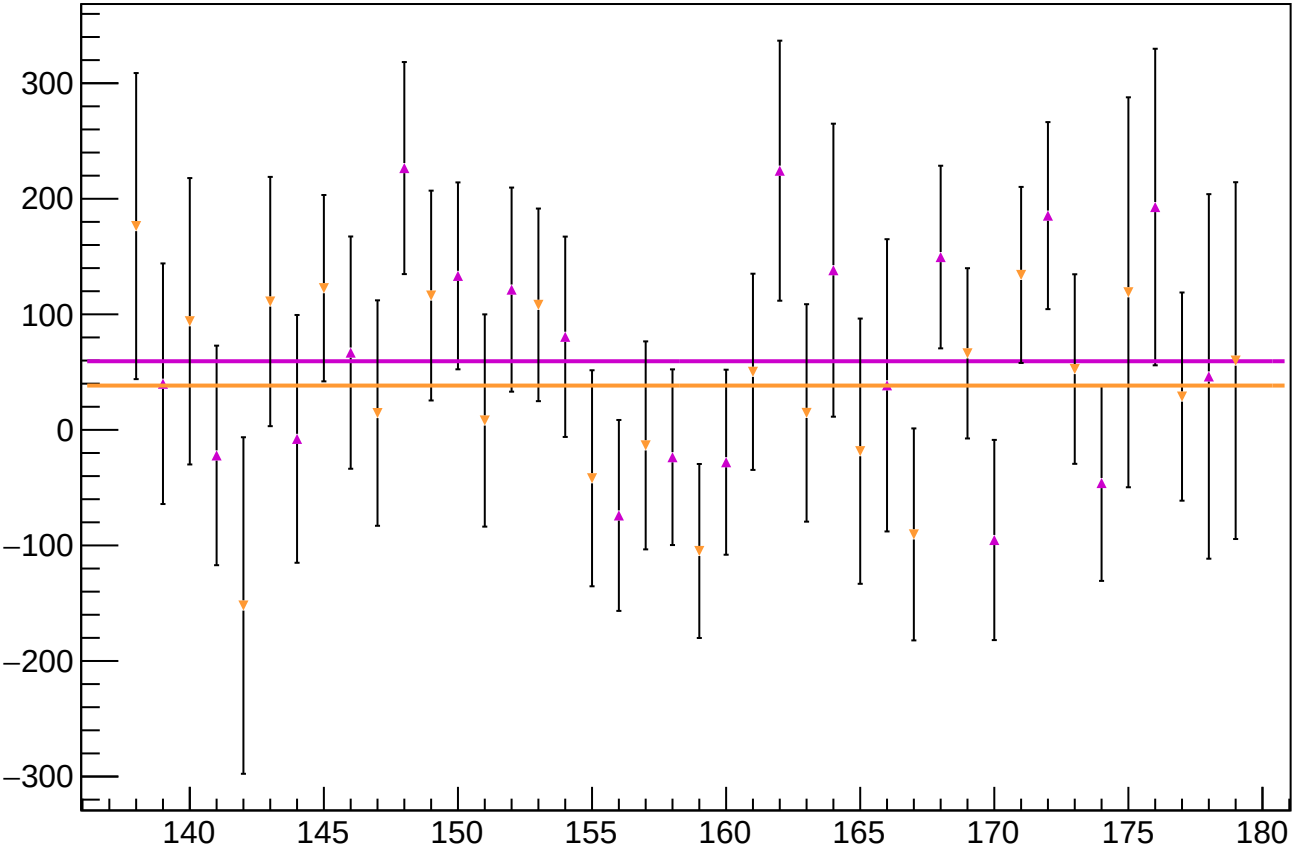
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 175.947+/-0.032 χ^2/NDF:1341262.3/19

Out: 178.172+/-0.032 χ^2/NDF:1426305.9/21

All: 177.078+/-0.023 χ^2/NDF: 2769999.1/41

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 38.353+/-20.145 χ^2/NDF:15.1/21

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

Left In: 59.405+/-20.942 χ^2/NDF:22.8/19

Left: 48.471+/-14.518 χ^2/NDF: 38.5/41

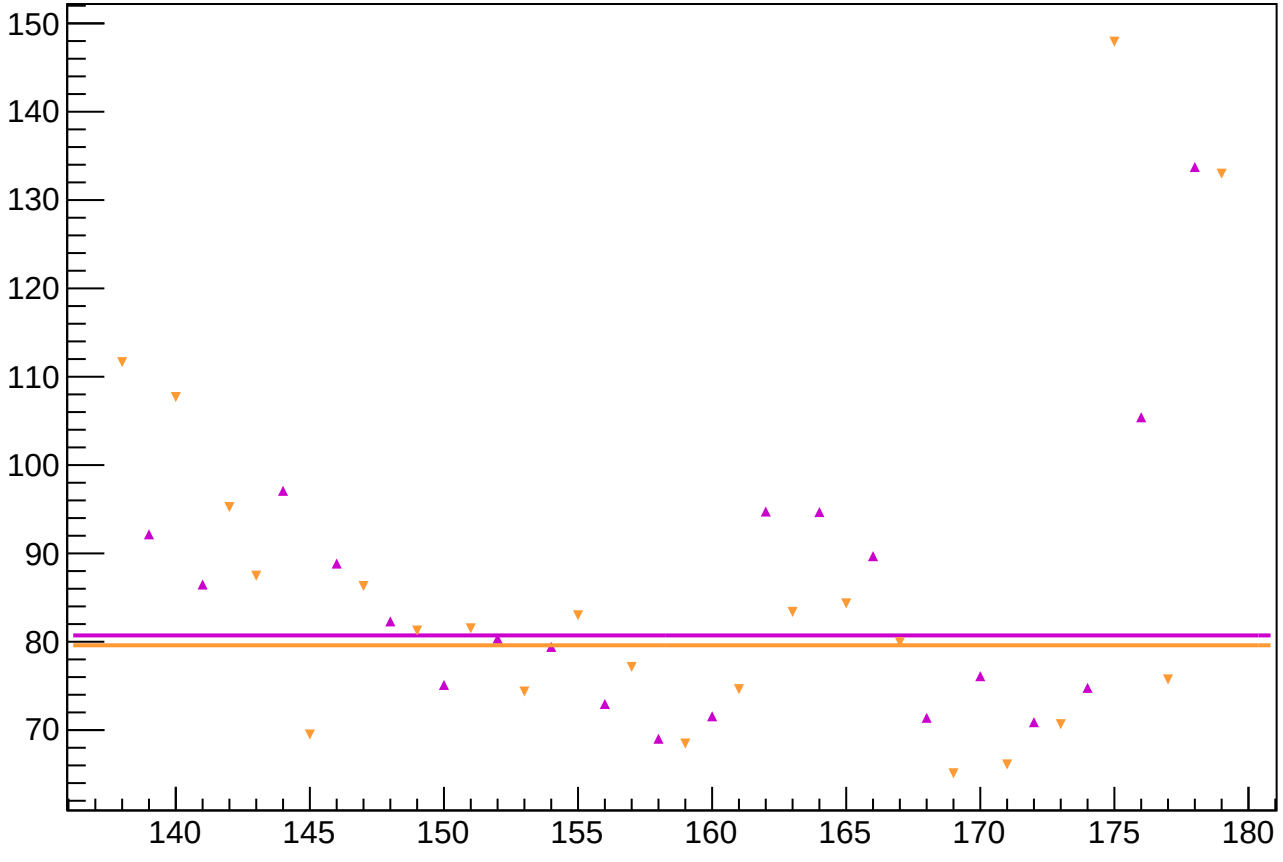
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 59.405+/-20.942 χ^2/NDF:22.8/19

Out: 38.353+/-20.145 χ^2/NDF:15.1/21

All: 48.471+/-14.518 χ^2/NDF: 38.5/41

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 79.598+/-0.014 χ^2/NDF:1099820.8/21

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

Left In: 80.718+/-0.015 χ^2/NDF:622213.5/19

Left: 80.136+/-0.010 χ^2/NDF: 1725005.1/41

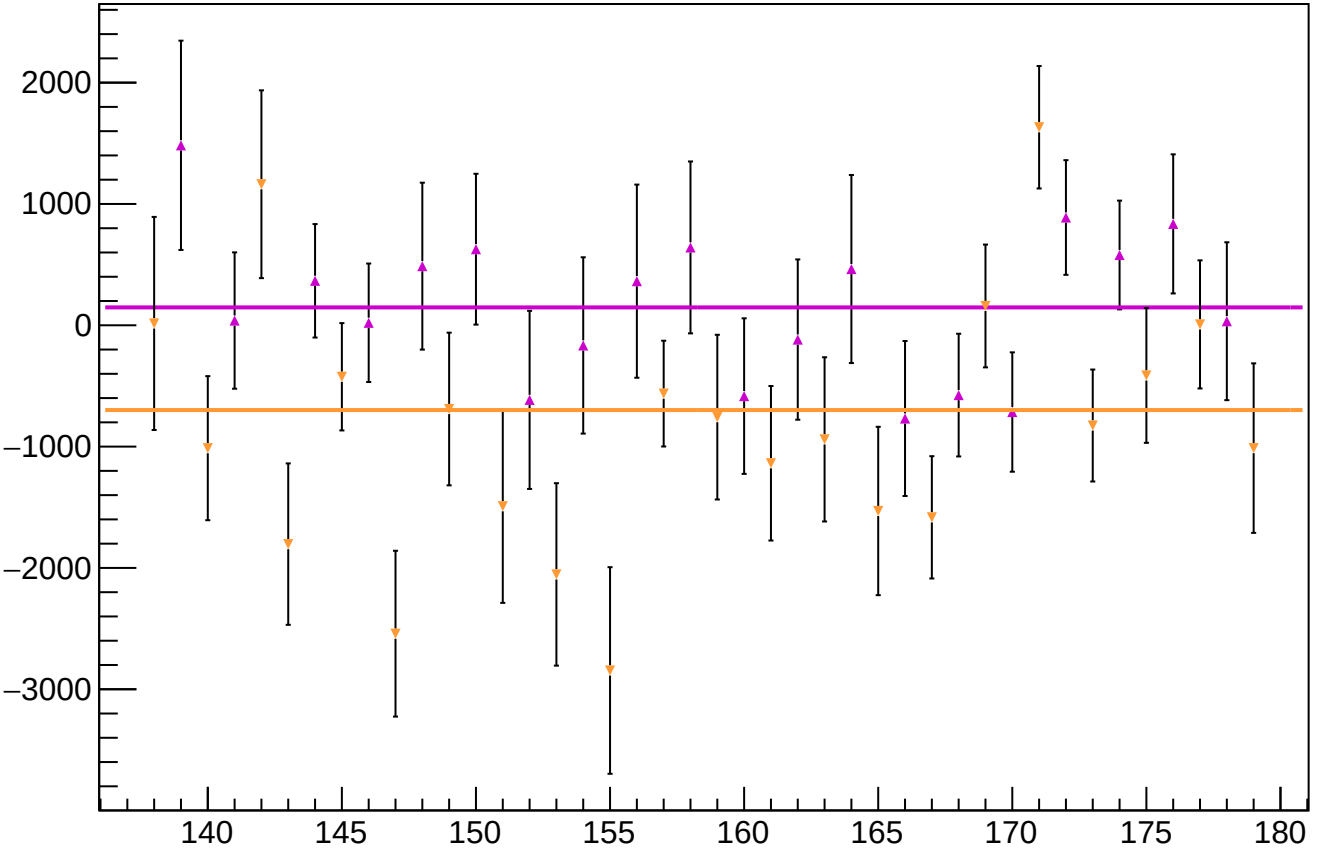
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 80.718+/-0.015 χ^2/NDF:622213.5/19

Out: 79.598+/-0.014 χ^2/NDF:1099820.8/21

All: 80.136+/-0.010 χ^2/NDF: 1725005.1/41

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -698.654+/-126.934 χ^2/NDF:59.5/21

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

Left In: 147.448+/-132.406 χ^2/NDF:19.0/19

Left: -293.447+/-91.629 χ^2/NDF: 99.8/41

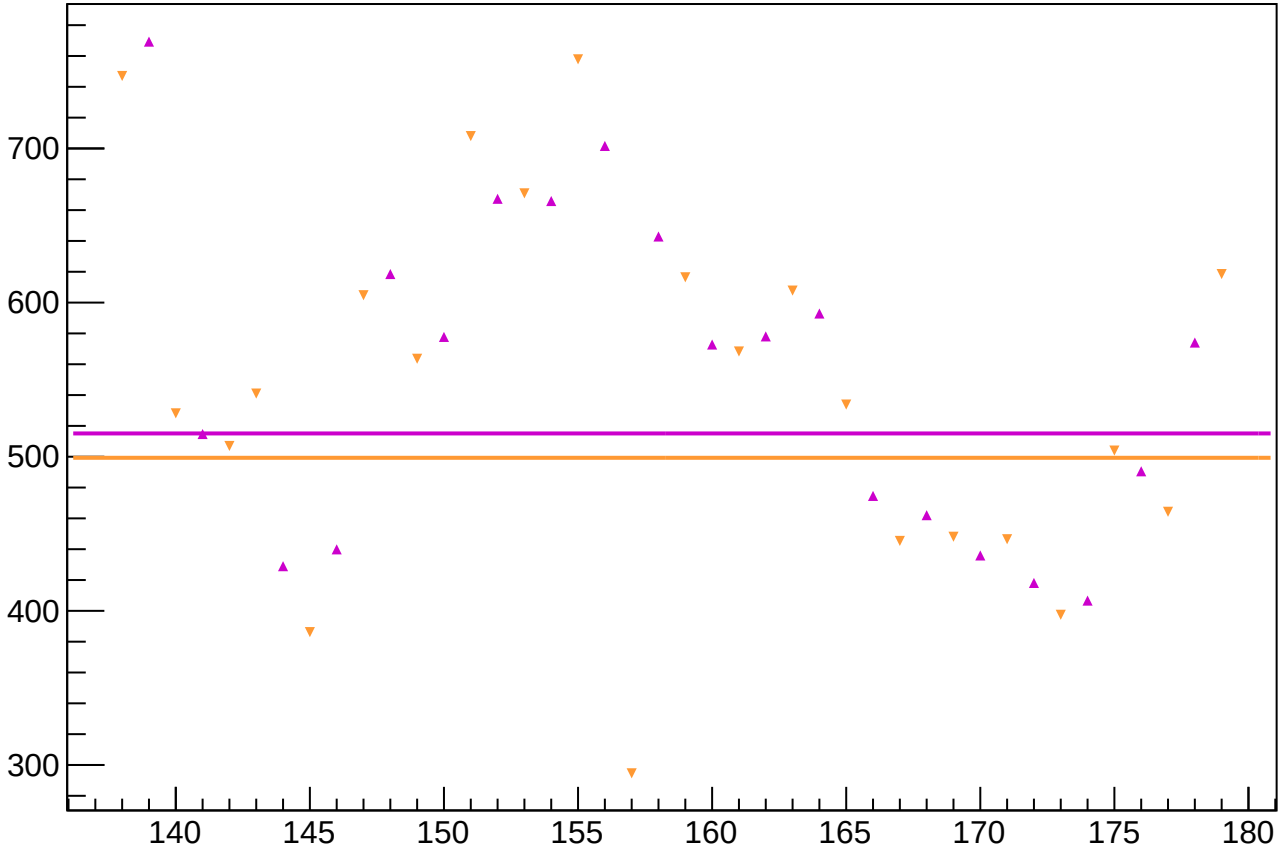
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 147.448+/-132.406 χ^2/NDF:19.0/19

Out: -698.654+/-126.934 χ^2/NDF:59.5/21

All: -293.447+/-91.629 χ^2/NDF: 99.8/41

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 499.307+/-0.090 χ^2/NDF:1607396.9/21

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

Left In: 515.106+/-0.094 χ^2/NDF:1059325.2/19

Left: 506.873+/-0.065 χ^2/NDF: 2681560.7/41

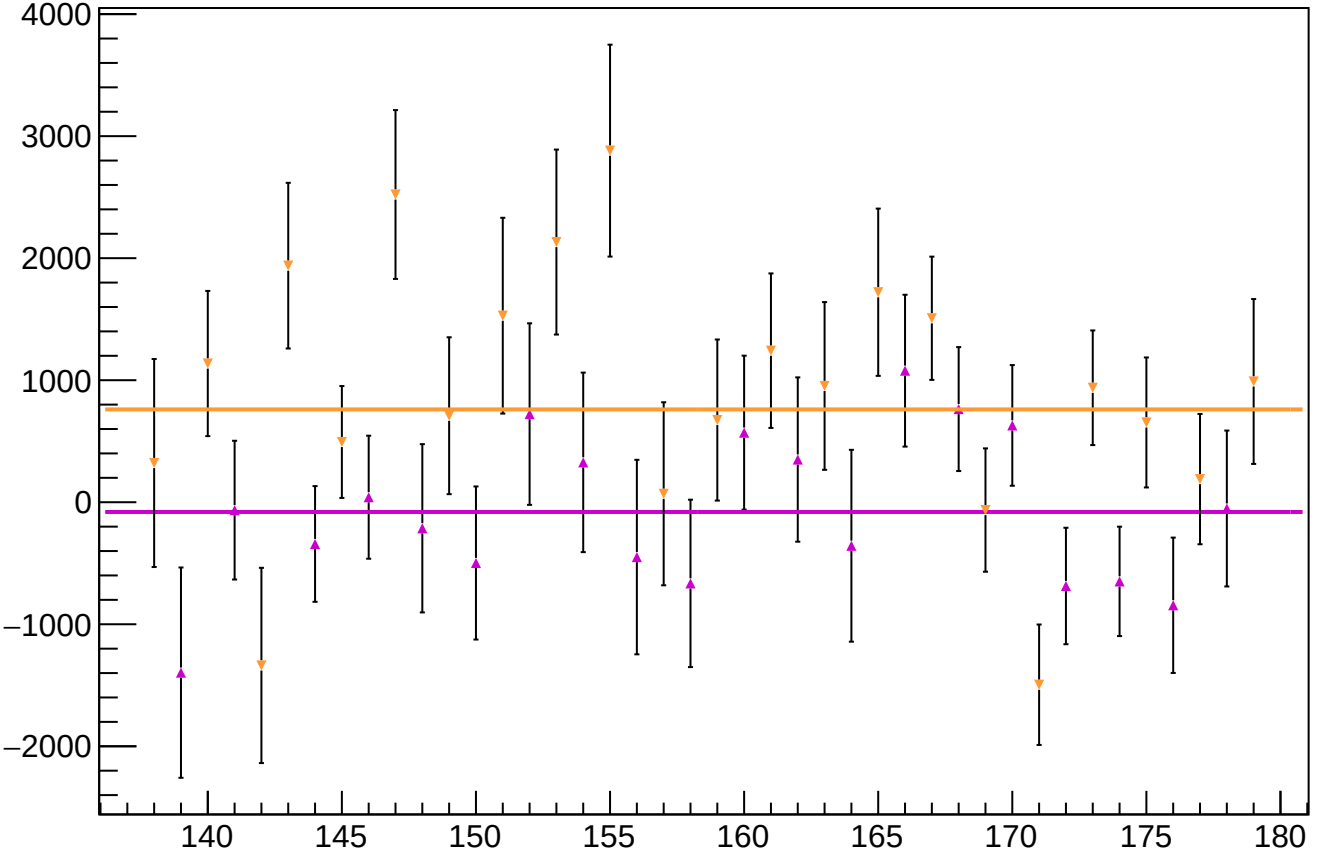
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 515.106+/-0.094 χ^2/NDF:1059325.2/19

Out: 499.307+/-0.090 χ^2/NDF:1607396.9/21

All: 506.873+/-0.065 χ^2/NDF: 2681560.7/41

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 760.625+/-130.927 χ^2/NDF:58.2/21

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

Left In: -79.824+/-132.711 χ^2/NDF:20.6/19

Left: 346.088+/-93.204 χ^2/NDF: 99.1/41

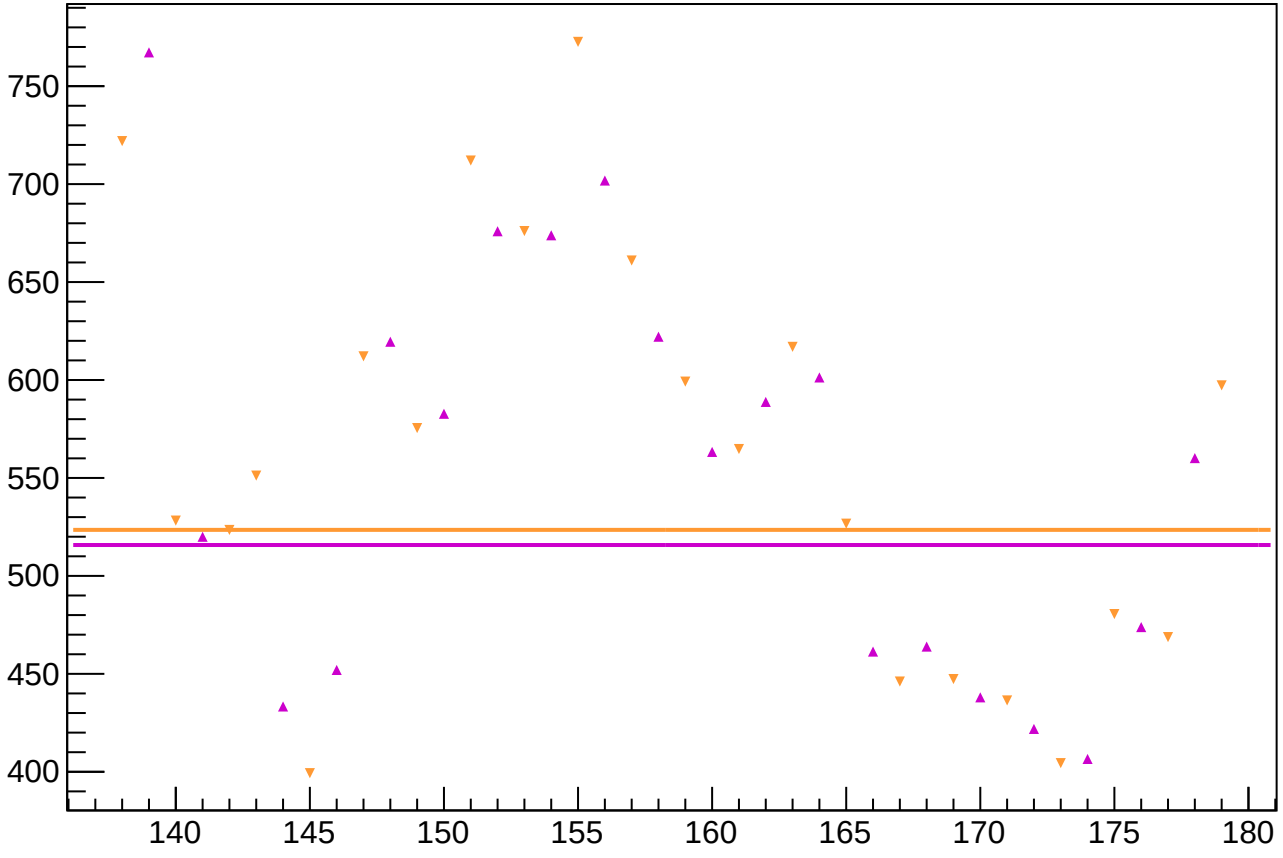
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -79.824+/-132.711 χ^2/NDF:20.6/19

Out: 760.625+/-130.927 χ^2/NDF:58.2/21

All: 346.088+/-93.204 χ^2/NDF: 99.1/41

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 523.498+/-0.093 χ^2/NDF:1140721.8/21

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

Left In: 515.766+/-0.094 χ^2/NDF:1034442.6/19

Left: 519.685+/-0.066 χ^2/NDF: 2178604.6/41

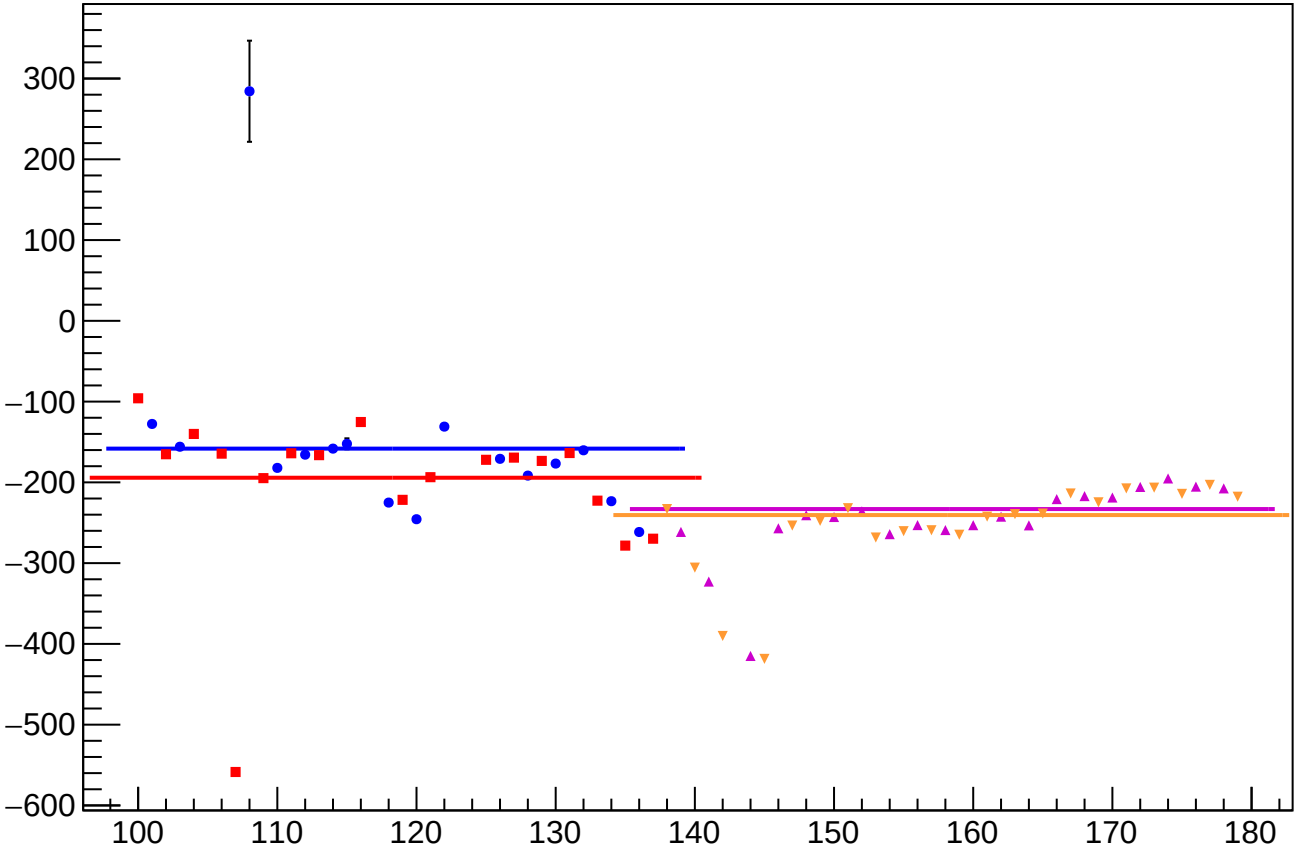
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 515.766+/-0.094 χ^2/NDF:1034442.6/19

Out: 523.498+/-0.093 χ^2/NDF:1140721.8/21

All: 519.685+/-0.066 χ^2/NDF: 2178604.6/41

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -240.491+/-0.117 χ^2/NDF:69302.9/20

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -233.037+/-0.109 χ^2/NDF:109420.8/19

Left: -236.493+/-0.080 χ^2/NDF: 180897.2/40

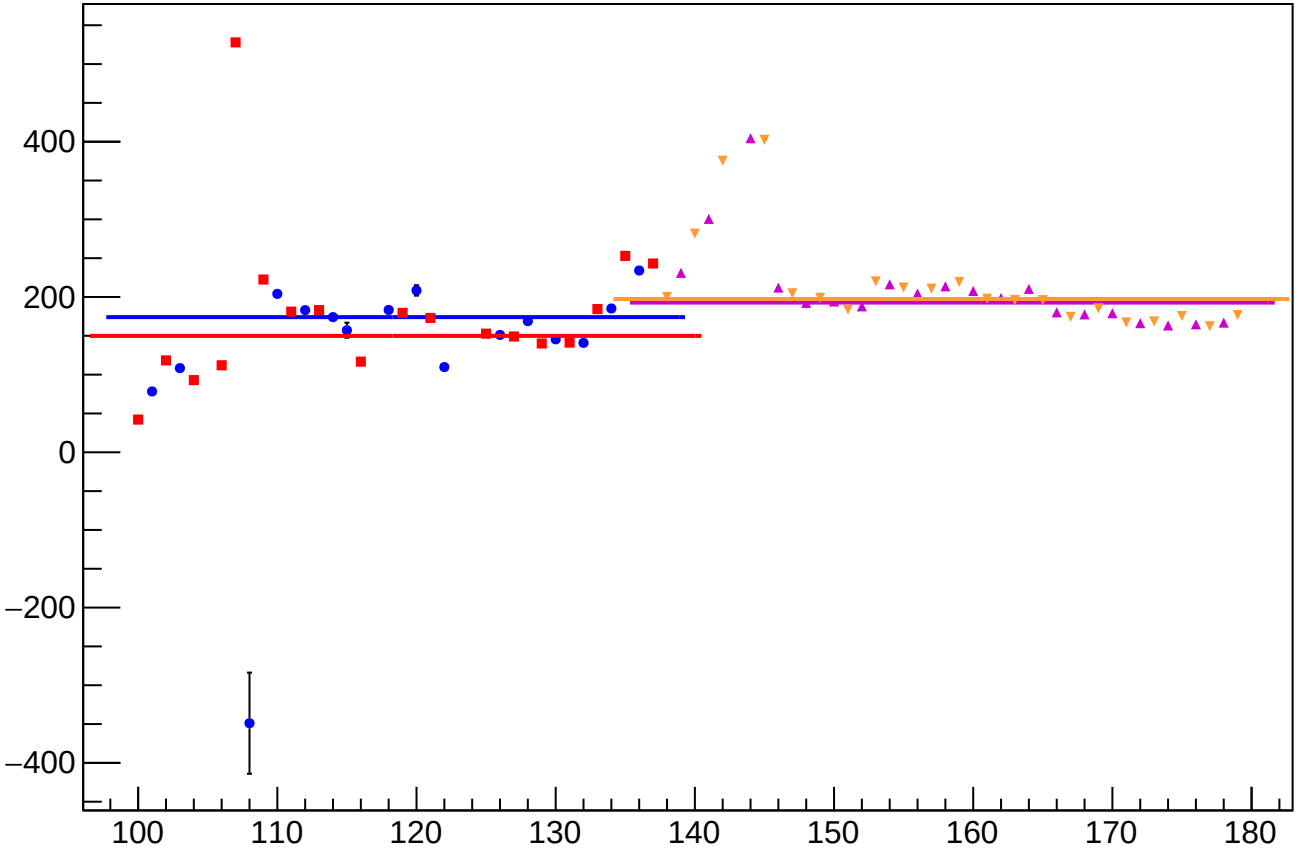
Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:698918.9/35

Out: -225.027+/-0.096 χ^2/NDF:297995.6/38

All: -158.222+/-0.000 χ^2/NDF: 1486057.4/74

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 197.426+/-0.117 χ^2/NDF:66914.2/20

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 192.802+/-0.111 χ^2/NDF:111590.0/19

Left: 194.985+/-0.080 χ^2/NDF: 179326.8/40

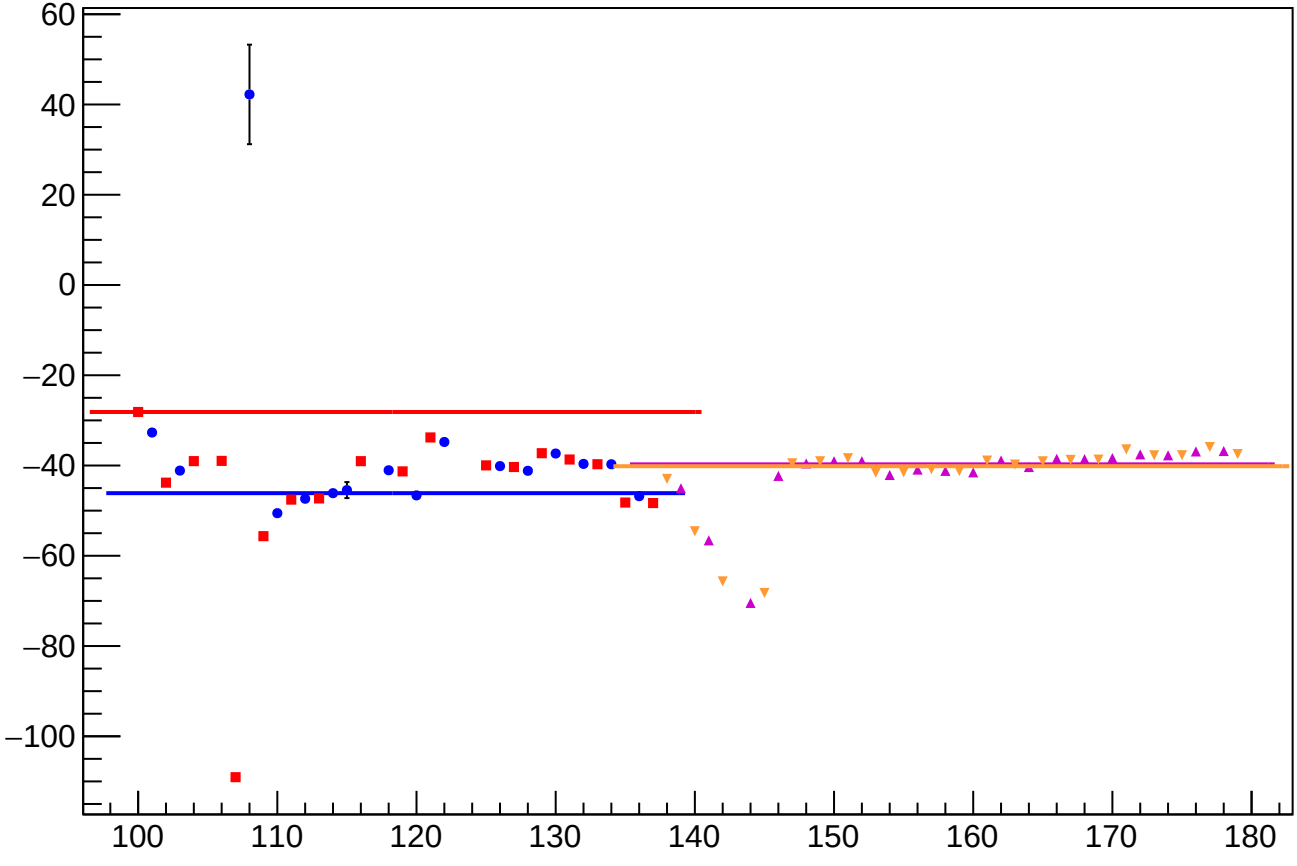
Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:193504.2/35

Out: 184.888+/-0.100 χ^2/NDF:278145.7/38

All: 174.085+/-0.000 χ^2/NDF: 483208.7/74

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -40.155+/-0.007 χ^2/NDF:152389.0/20

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -39.743+/-0.007 χ^2/NDF:214600.3/19

Left: -39.965+/-0.005 χ^2/NDF: 368698.8/40

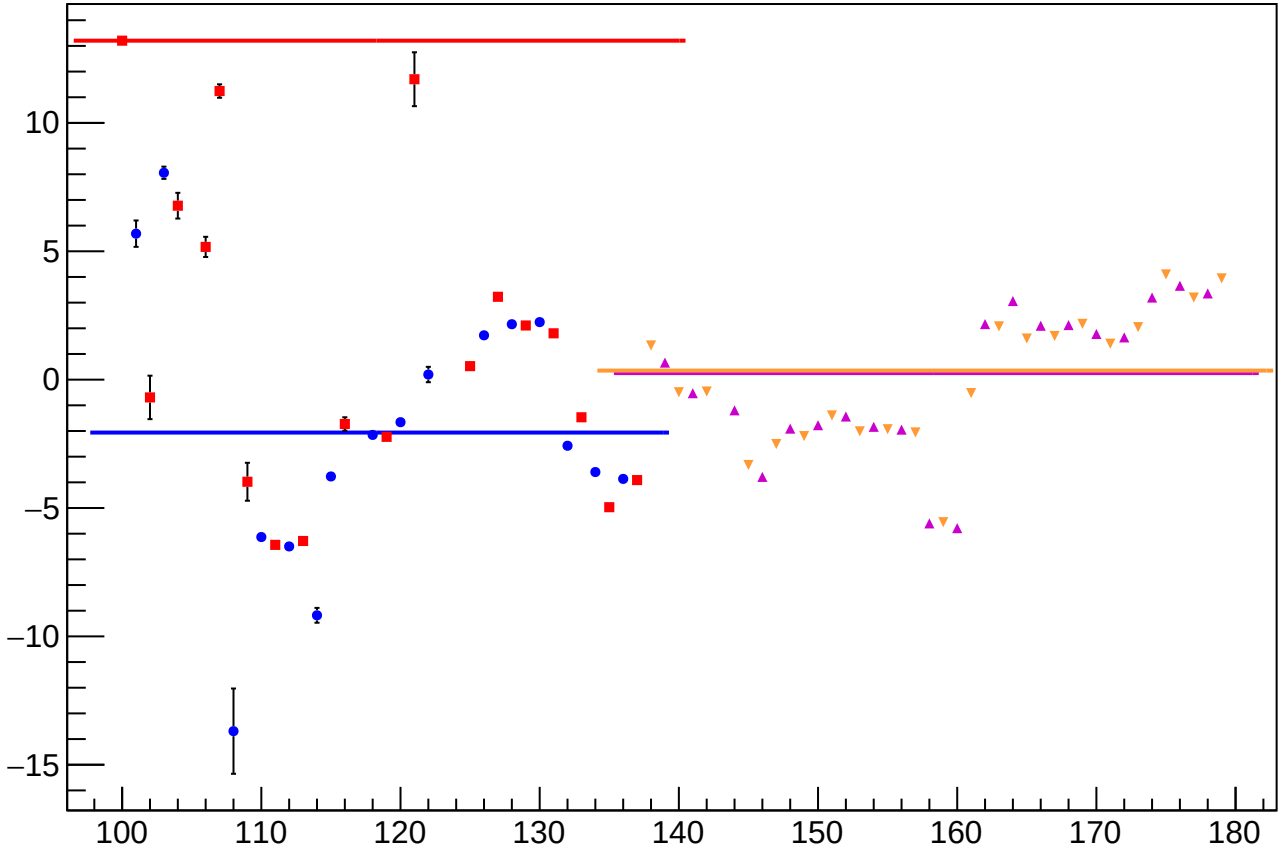
Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:1179037.3/35

Out: -28.139+/-0.000 χ^2/NDF:4047791.5/38

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: 0.353+/-0.006 χ^2/NDF:201363.7/20

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: 0.256+/-0.005 χ^2/NDF:286999.8/19

Left: 0.295+/-0.004 χ^2/NDF: 488498.7/40

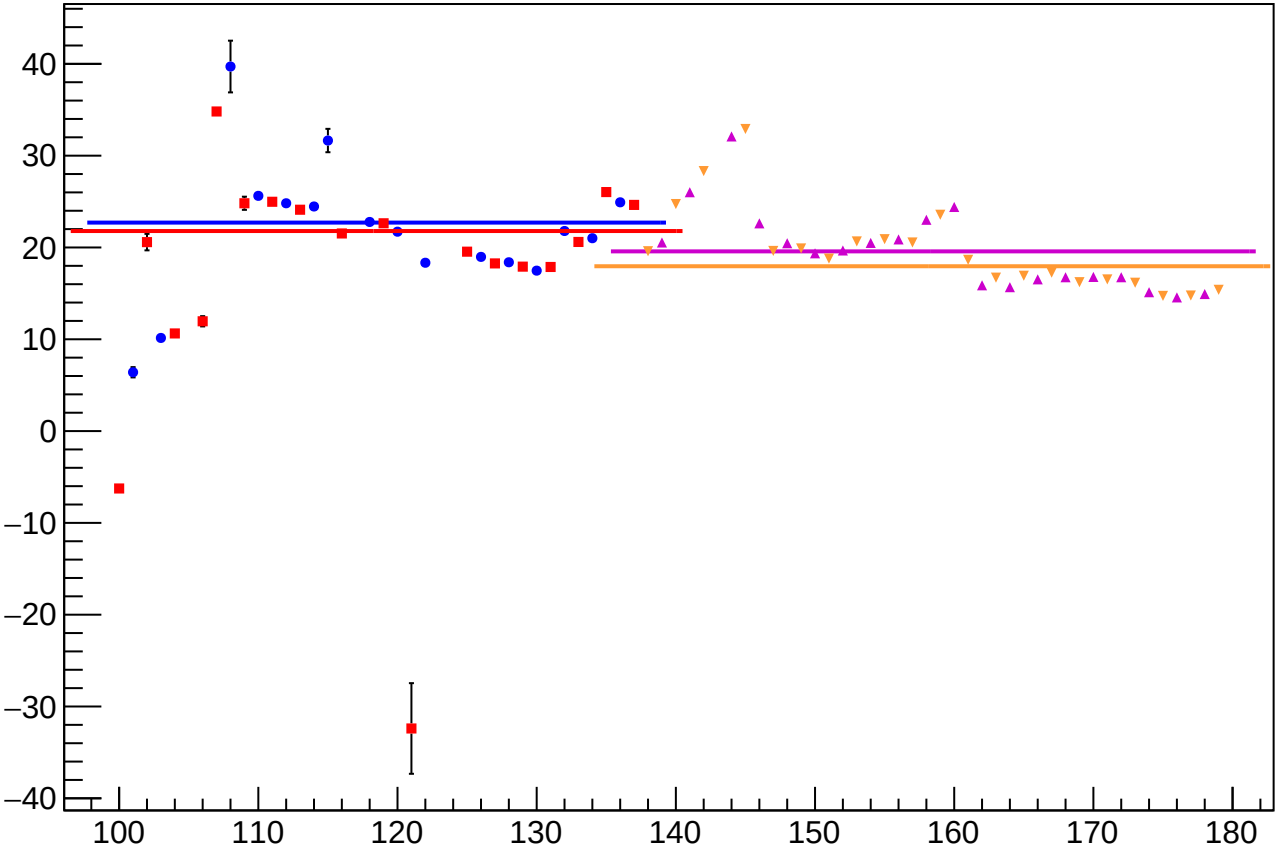
Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: 0.066+/-0.005 χ^2/NDF:328174.5/35

Out: 13.204+/-0.000 χ^2/NDF:4663406.3/38

All: 13.204+/-0.000 χ^2/NDF: 11624878.7/74

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 17.955+/-0.007 χ^2/NDF:145391.4/20

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 19.576+/-0.007 χ^2/NDF:179575.7/19

Left: 18.764+/-0.005 χ^2/NDF: 349024.8/40

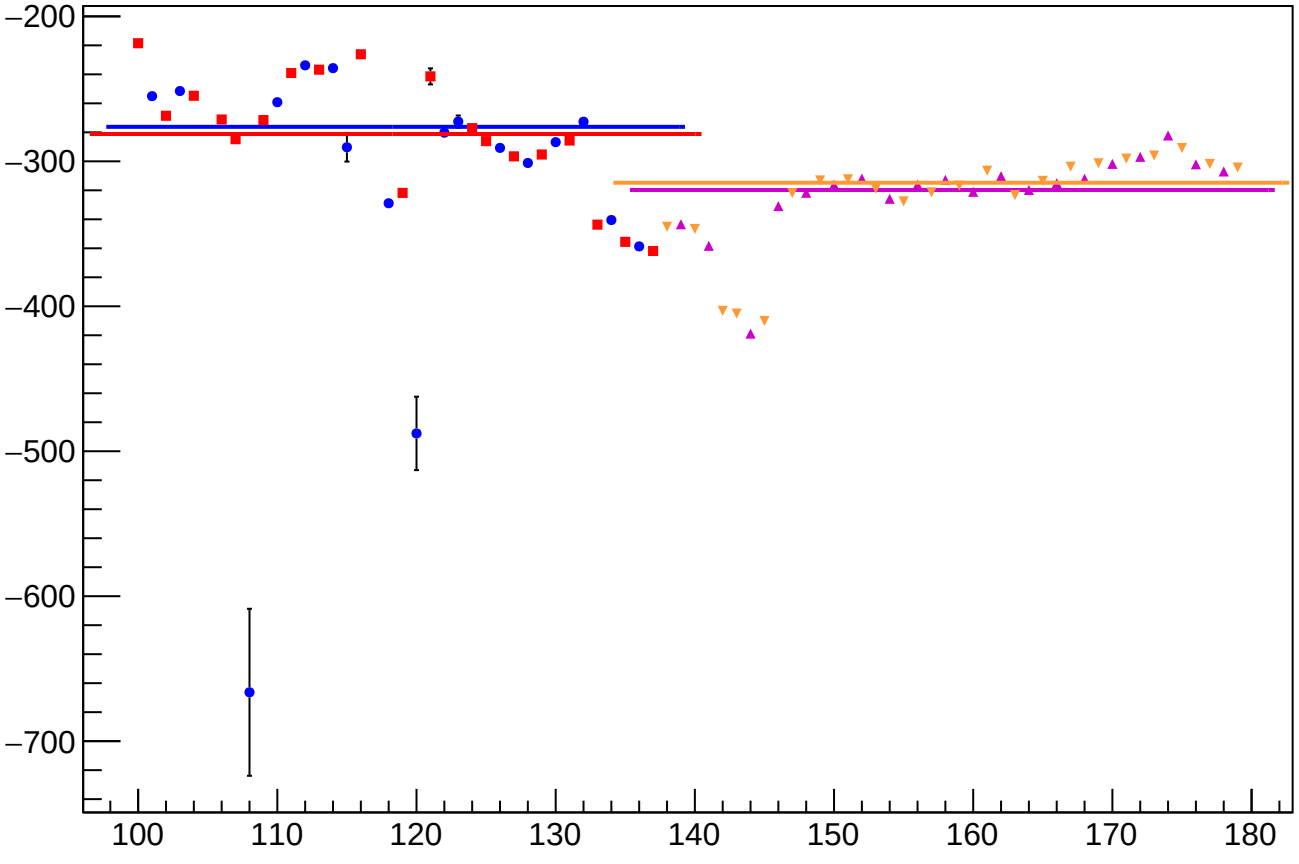
Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 19.997+/-0.007 χ^2/NDF:226527.6/35

Out: 18.359+/-0.007 χ^2/NDF:200477.1/38

All: 19.190+/-0.005 χ^2/NDF: 454972.4/74

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -314.759+/-0.099 χ^2/NDF:50091.4/21

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -319.771+/-0.099 χ^2/NDF:56249.4/19

Left: -317.265+/-0.070 χ^2/NDF: 107611.9/41

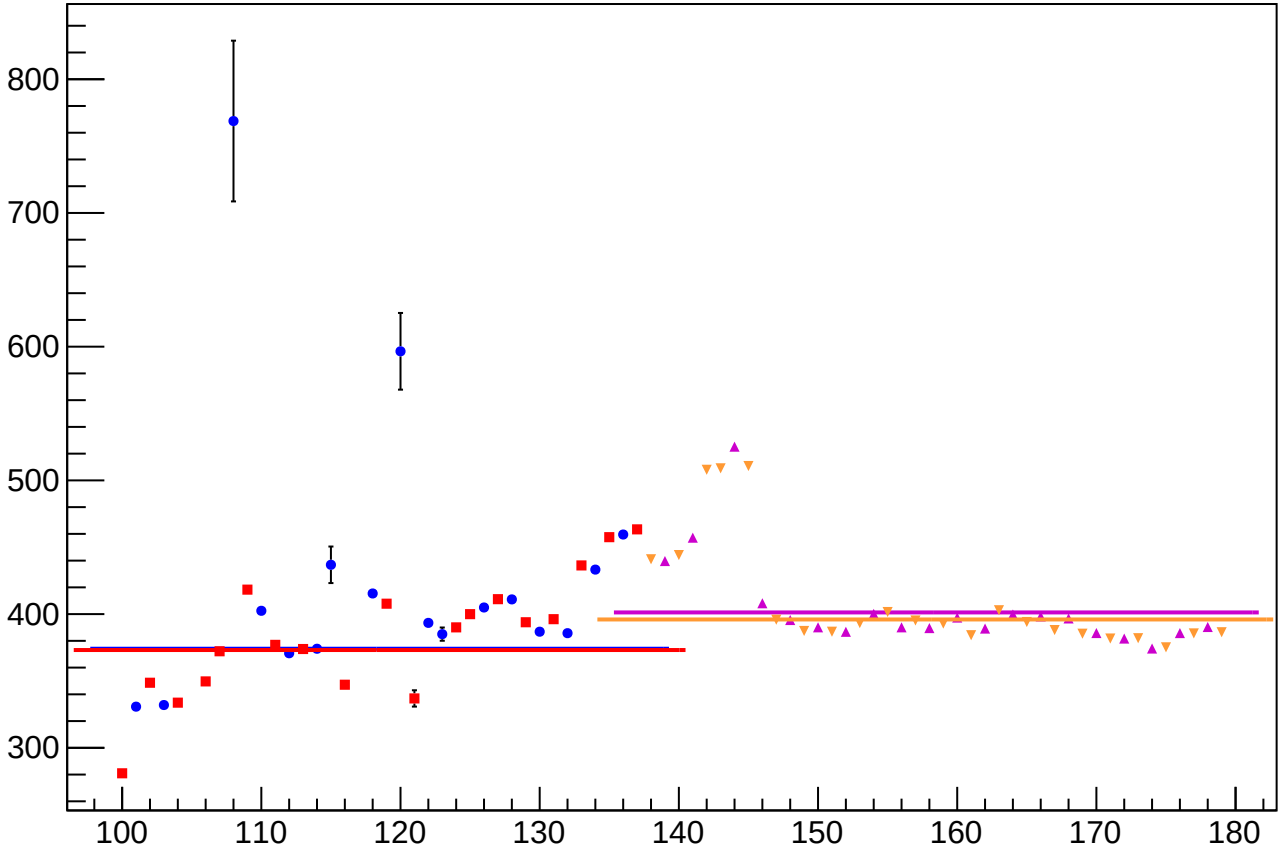
Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -308.329+/-0.085 χ^2/NDF:164810.2/36

Out: -304.266+/-0.082 χ^2/NDF:163386.4/40

All: -306.227+/-0.059 χ^2/NDF: 329368.5/77

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 395.992+/-0.099 χ^2/NDF:66351.5/21

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 401.256+/-0.101 χ^2/NDF:72996.4/19

Left: 398.582+/-0.071 χ^2/NDF: 140726.3/41

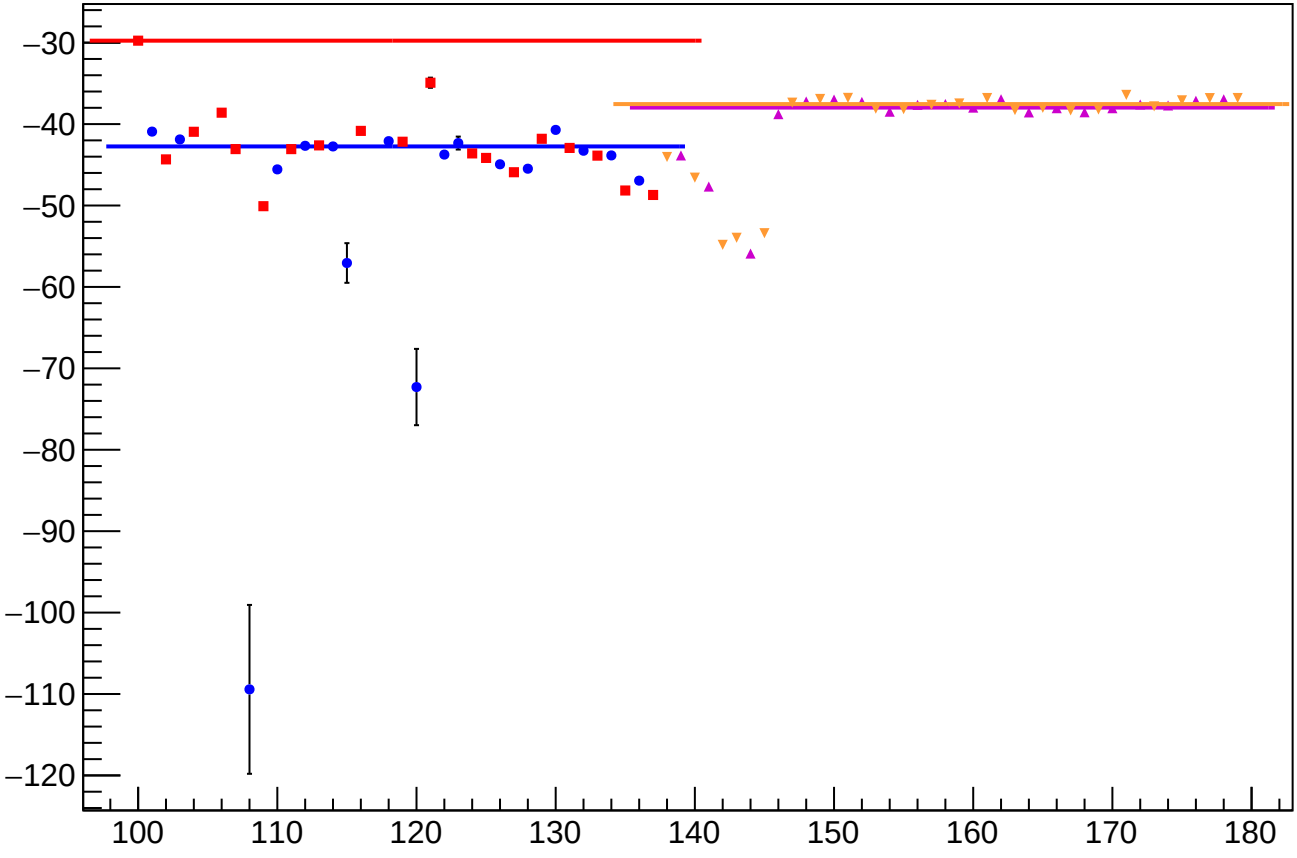
Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:180313.6/36

Out: 389.501+/-0.084 χ^2/NDF:189567.0/40

All: 374.094+/-0.000 χ^2/NDF: 403394.1/77

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.543+/-0.004 χ^2/NDF:266093.0/21

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -37.972+/-0.004 χ^2/NDF:153557.8/19

Left: -37.736+/-0.003 χ^2/NDF: 425049.1/41

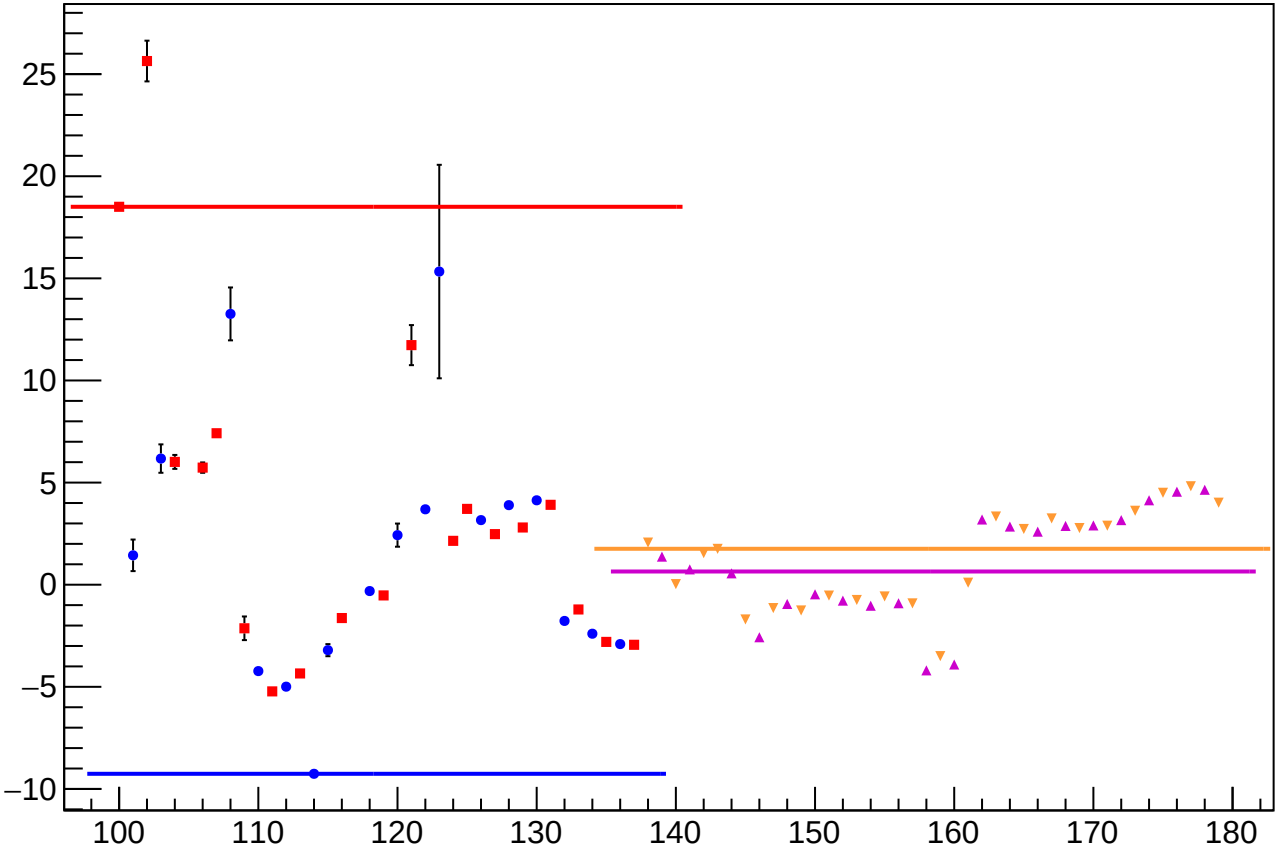
Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:1382691.5/36

Out: -29.754+/-0.000 χ^2/NDF:4688877.1/40

All: -38.159+/-0.000 χ^2/NDF: 129765212680

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: 1.759+/-0.005 χ^2/NDF:219032.8/21

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: 0.647+/-0.006 χ^2/NDF:199806.7/19

Left: 1.287+/-0.004 χ^2/NDF: 438980.9/41

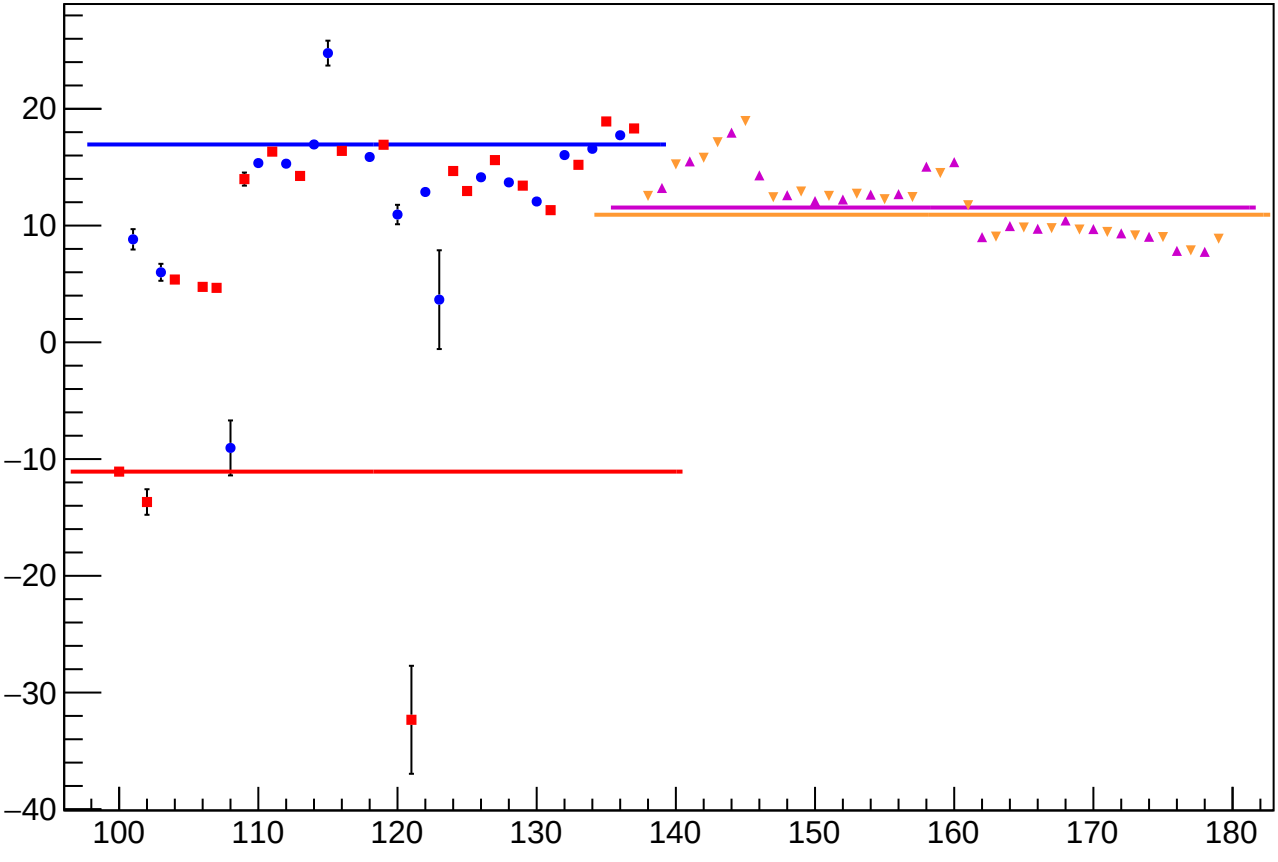
Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:3380713.4/36

Out: 18.504+/-0.000 χ^2/NDF:18346535.2/40

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: 10.929+/-0.007 χ^2/NDF:117644.9/21

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 11.545+/-0.008 χ^2/NDF:83400.3/19

Left: 11.181+/-0.005 χ^2/NDF: 204405.0/41

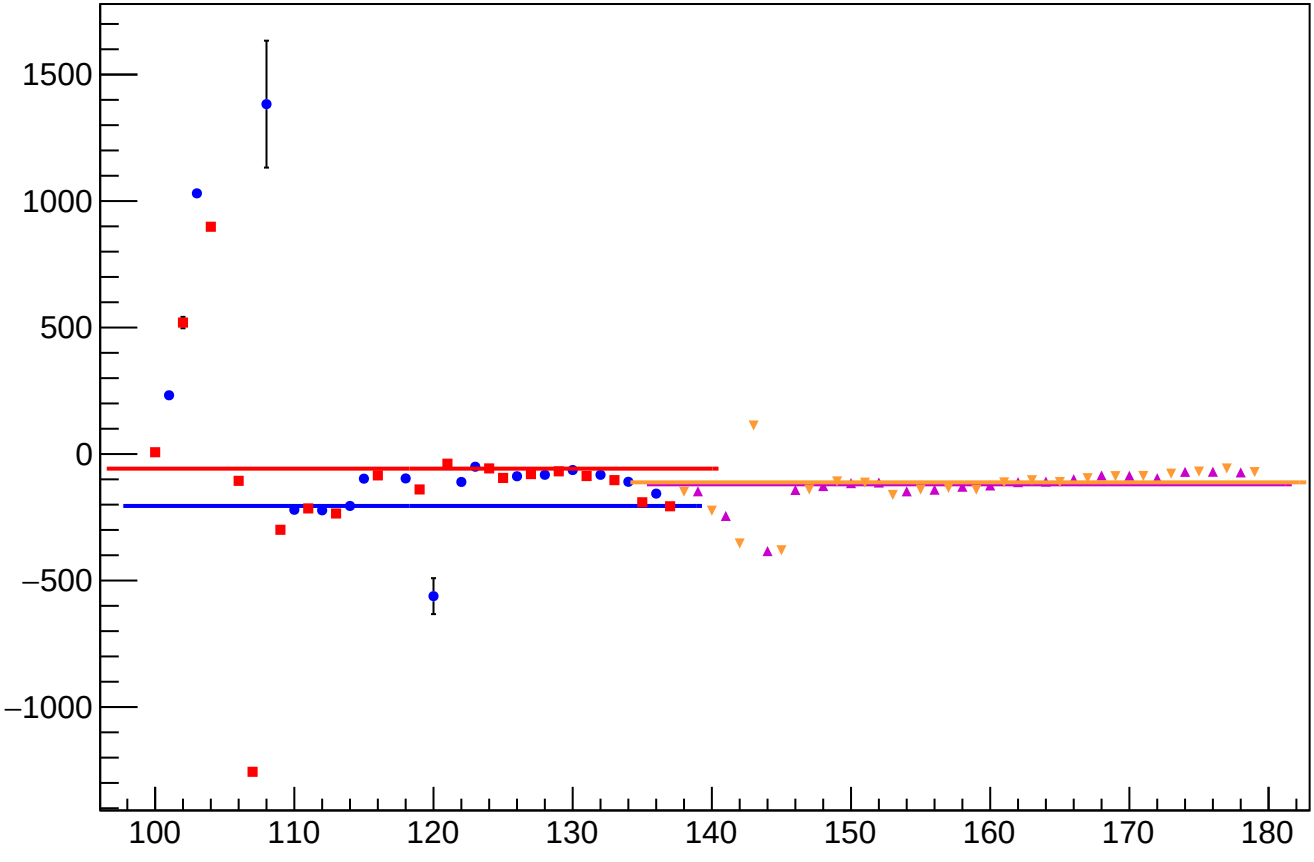
Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:532062.9/36

Out: -11.075+/-0.000 χ^2/NDF:13284742.1/40

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: -111.834+/-0.200 χ^2/NDF:60438.7/21

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -119.694+/-0.232 χ^2/NDF:63203.9/19

Left: -115.185+/-0.151 χ^2/NDF: 124303.0/41

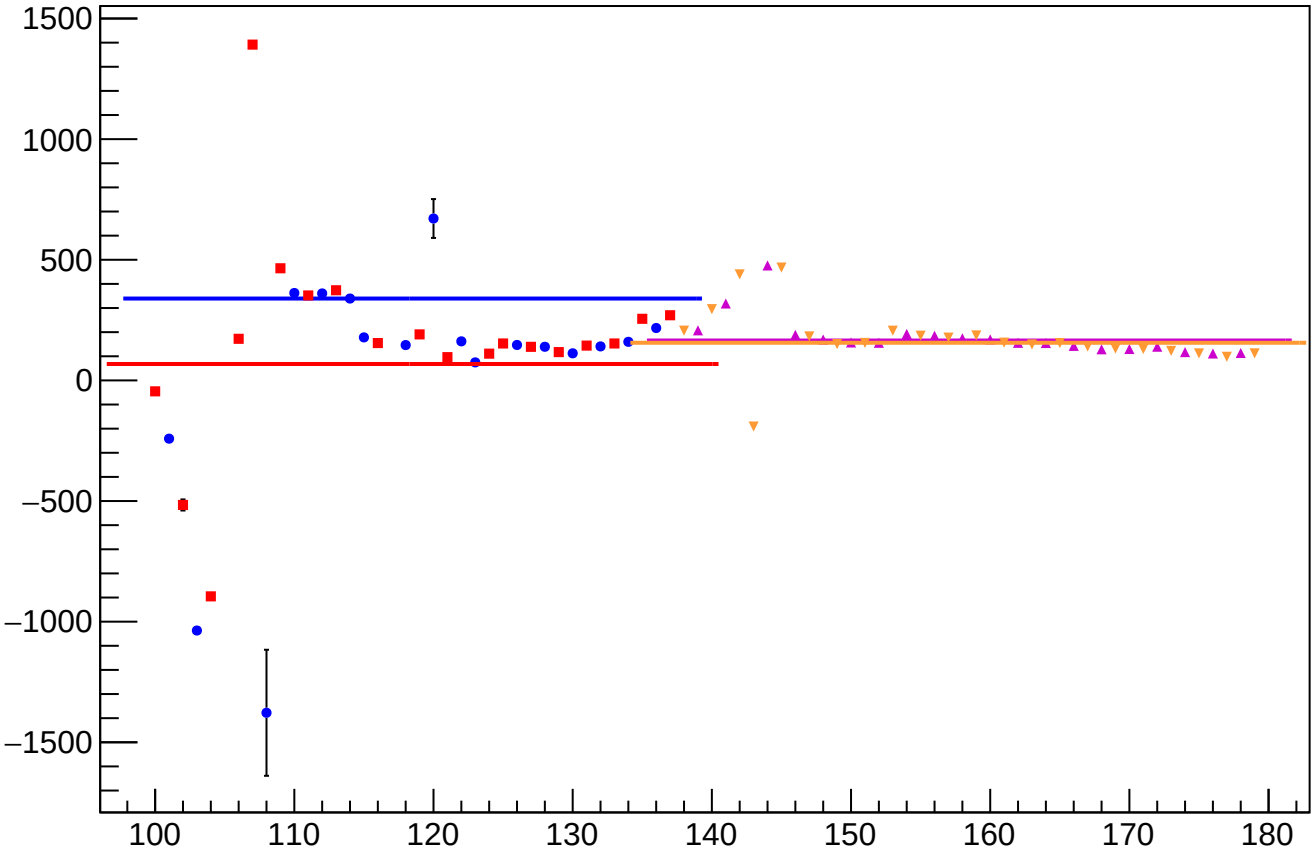
Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:782104.9/36

Out: -93.863+/-0.163 χ^2/NDF:199694.5/40

All: -205.160+/-0.000 χ^2/NDF: 1446680.1/77

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 156.042+/-0.204 χ^2/NDF:95263.9/21

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 165.312+/-0.236 χ^2/NDF:69321.5/19

Left: 160.000+/-0.154 χ^2/NDF: 165466.3/41

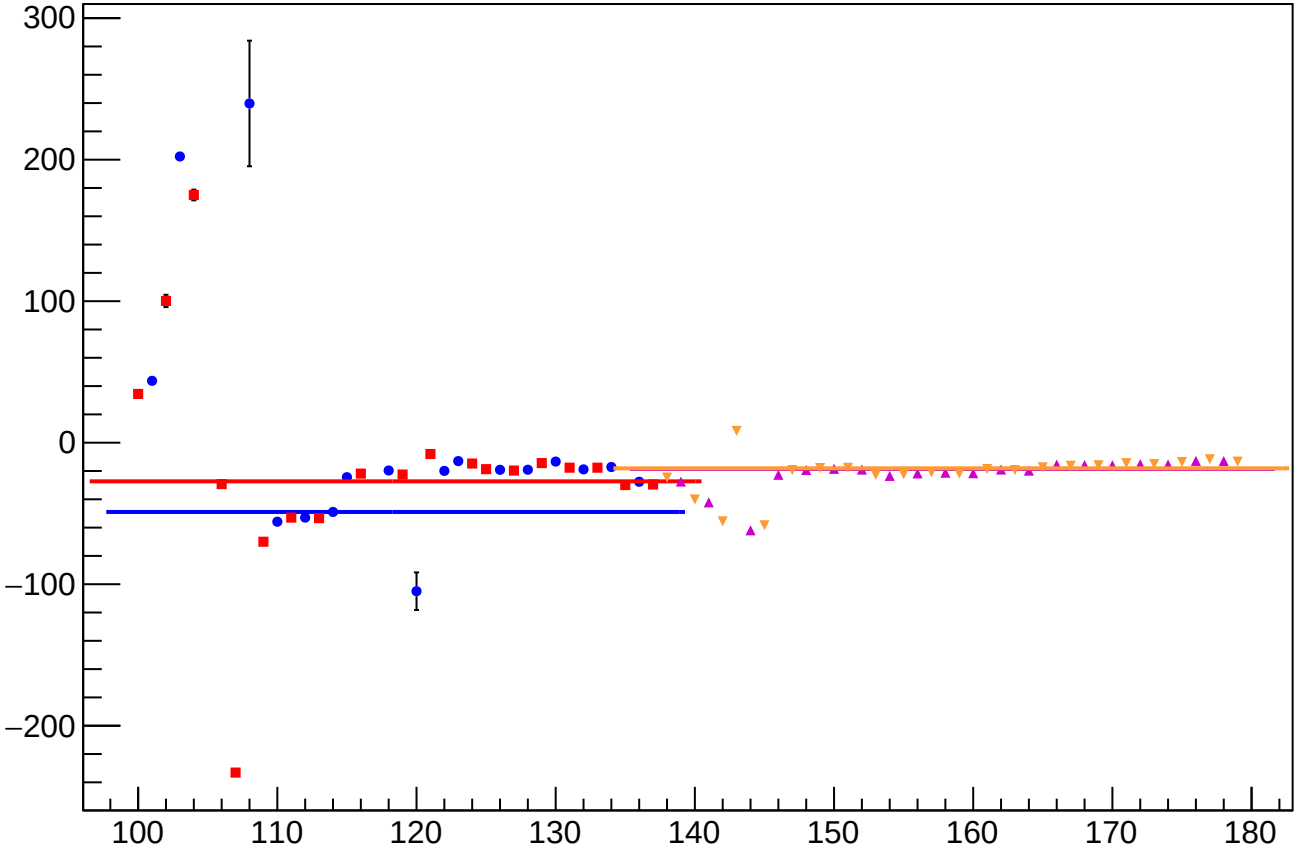
Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1641620.1/36

Out: 126.355+/-0.166 χ^2/NDF:430328.2/40

All: 339.325+/-0.000 χ^2/NDF: 3715081.0/77

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -18.105+/-0.011 χ^2/NDF:599861.0/21

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -18.561+/-0.013 χ^2/NDF:204987.0/19

Left: -18.300+/-0.008 χ^2/NDF: 805570.6/41

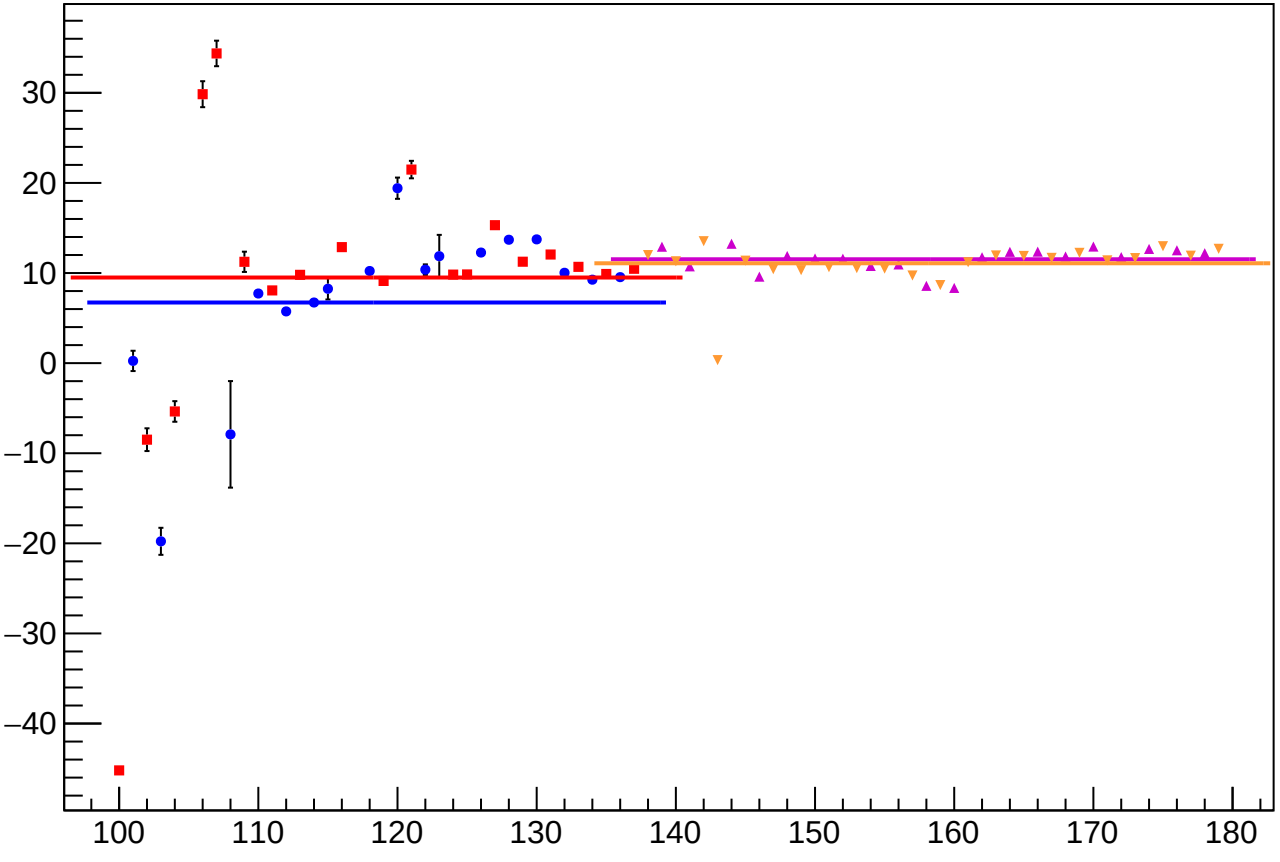
Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:11238275.7/36

Out: -18.510+/-0.011 χ^2/NDF:798006.0/40

All: -48.945+/-0.000 χ^2/NDF: 19925033.9/77

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 11.083+/-0.013 χ^2/NDF:29214.3/21

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 11.528+/-0.011 χ^2/NDF:14476.4/19

Left: 11.345+/-0.008 χ^2/NDF: 44385.2/41

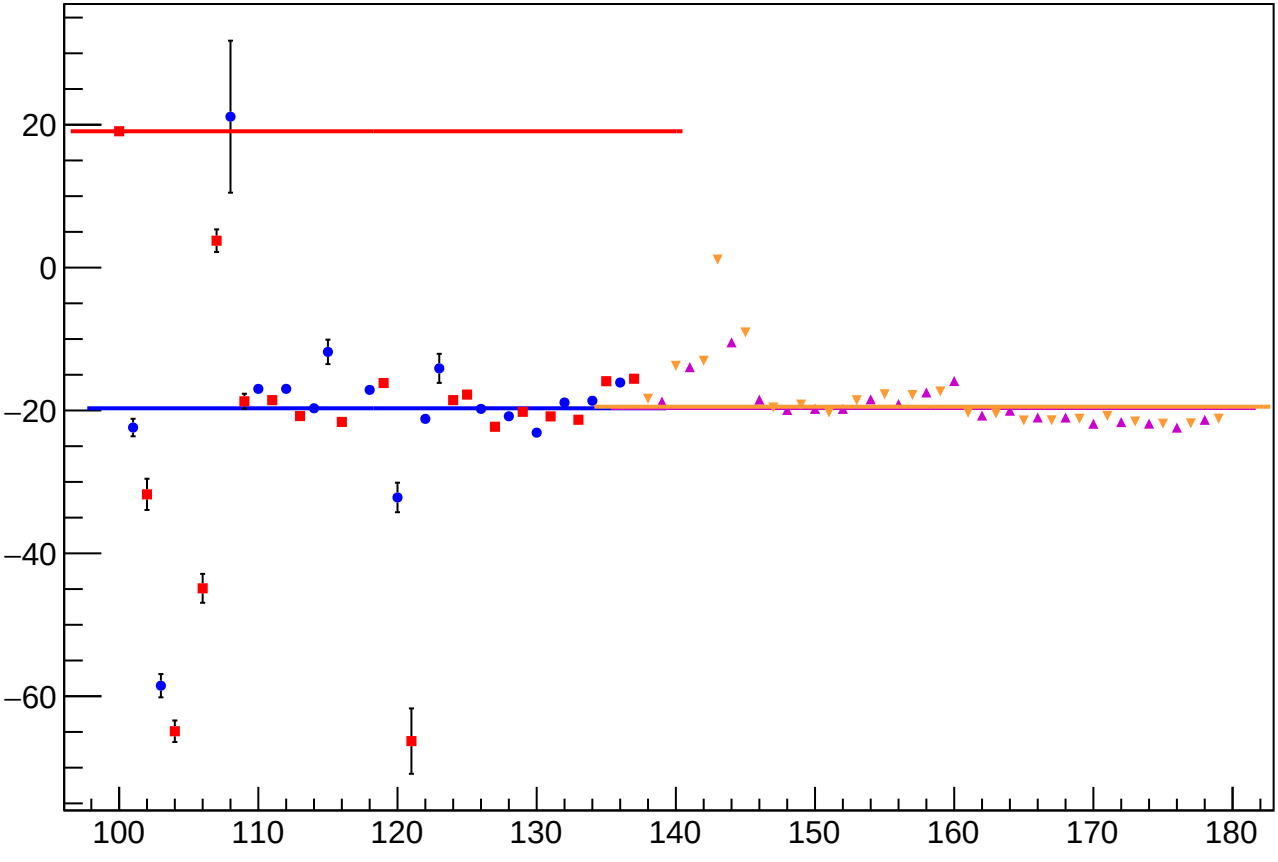
Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:224189.5/36

Out: 10.898+/-0.012 χ^2/NDF:57775.8/40

All: 6.728+/-0.000 χ^2/NDF: 399211.3/77

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -19.471+/-0.015 χ^2/NDF:57205.3/21

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -19.654+/-0.016 χ^2/NDF:17737.1/19

Left: -19.556+/-0.011 χ^2/NDF: 75013.8/41

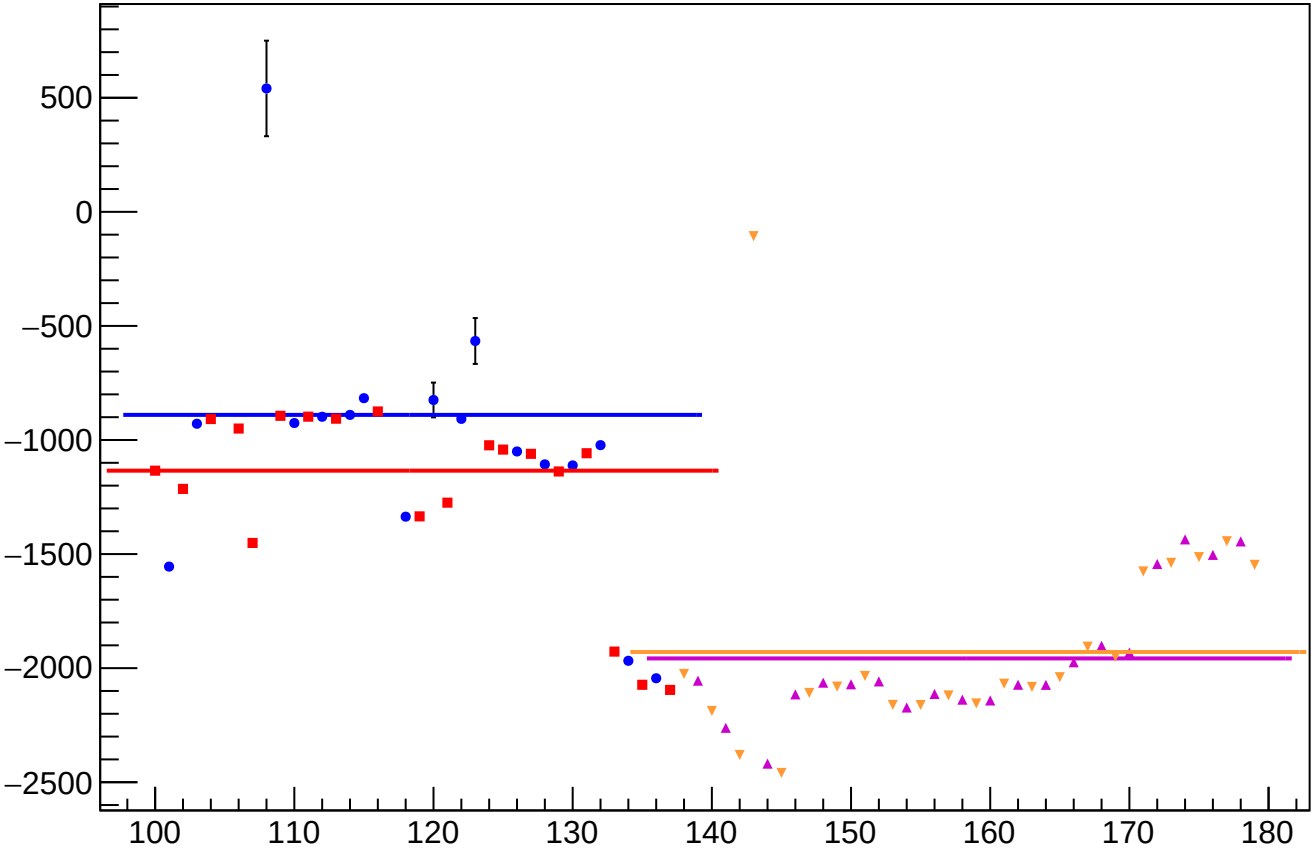
Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:25322.3/36

Out: 19.086+/-0.000 χ^2/NDF:7489235.7/40

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: -1929.048+/-0.370 χ^2/NDF:678940.8/21

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -1957.401+/-0.388 χ^2/NDF:501609.6/19

Left: -1942.563+/-0.268 χ^2/NDF: 1183345.5/41

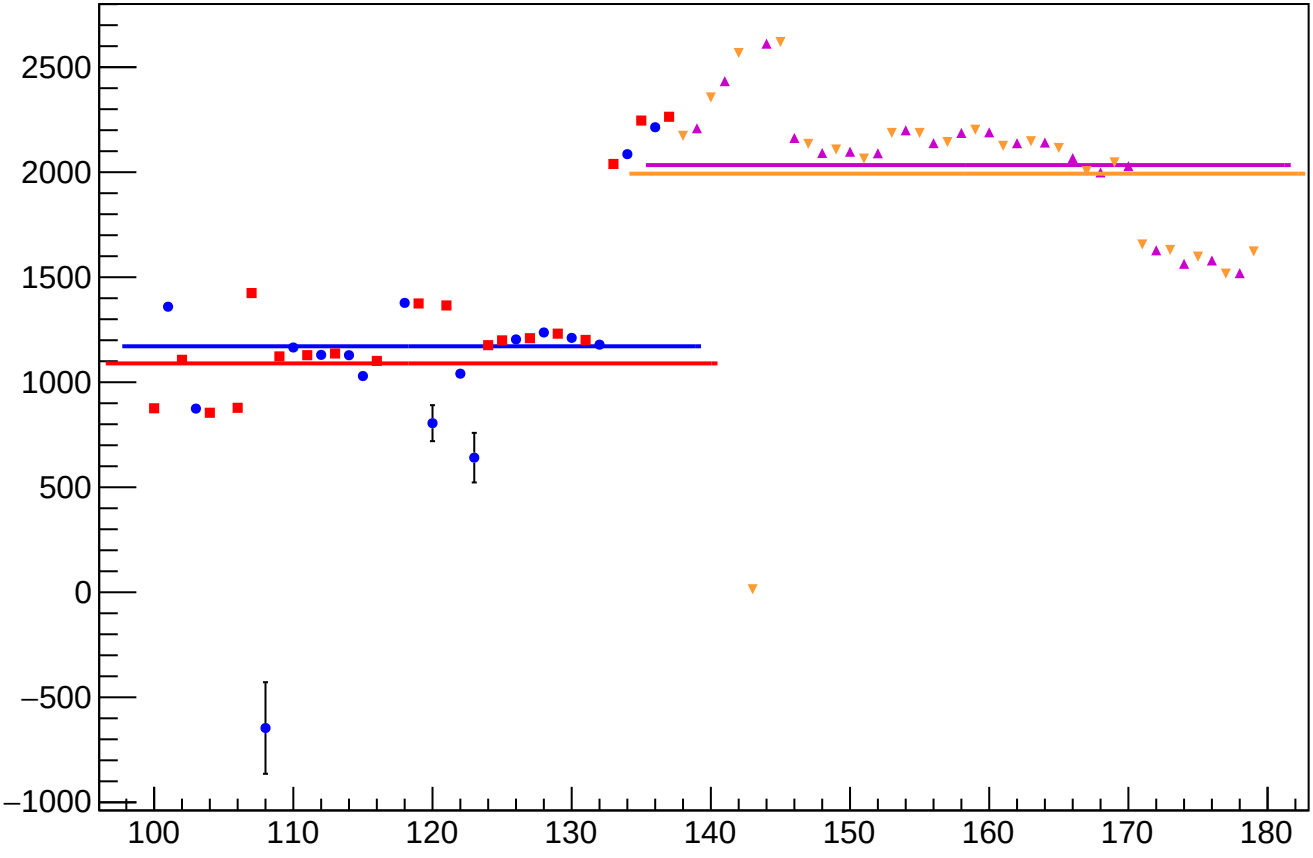
Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:8848490.6/36

Out: -1134.421+/-0.000 χ^2/NDF:6018877.5/40

All: -976.220+/-0.000 χ^2/NDF: 4488978738

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 1992.938+/-0.369 χ^2/NDF:671663.8/21

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2033.903+/-0.392 χ^2/NDF:447142.5/19

Left: 2012.205+/-0.269 χ^2/NDF: 1124588.4/41

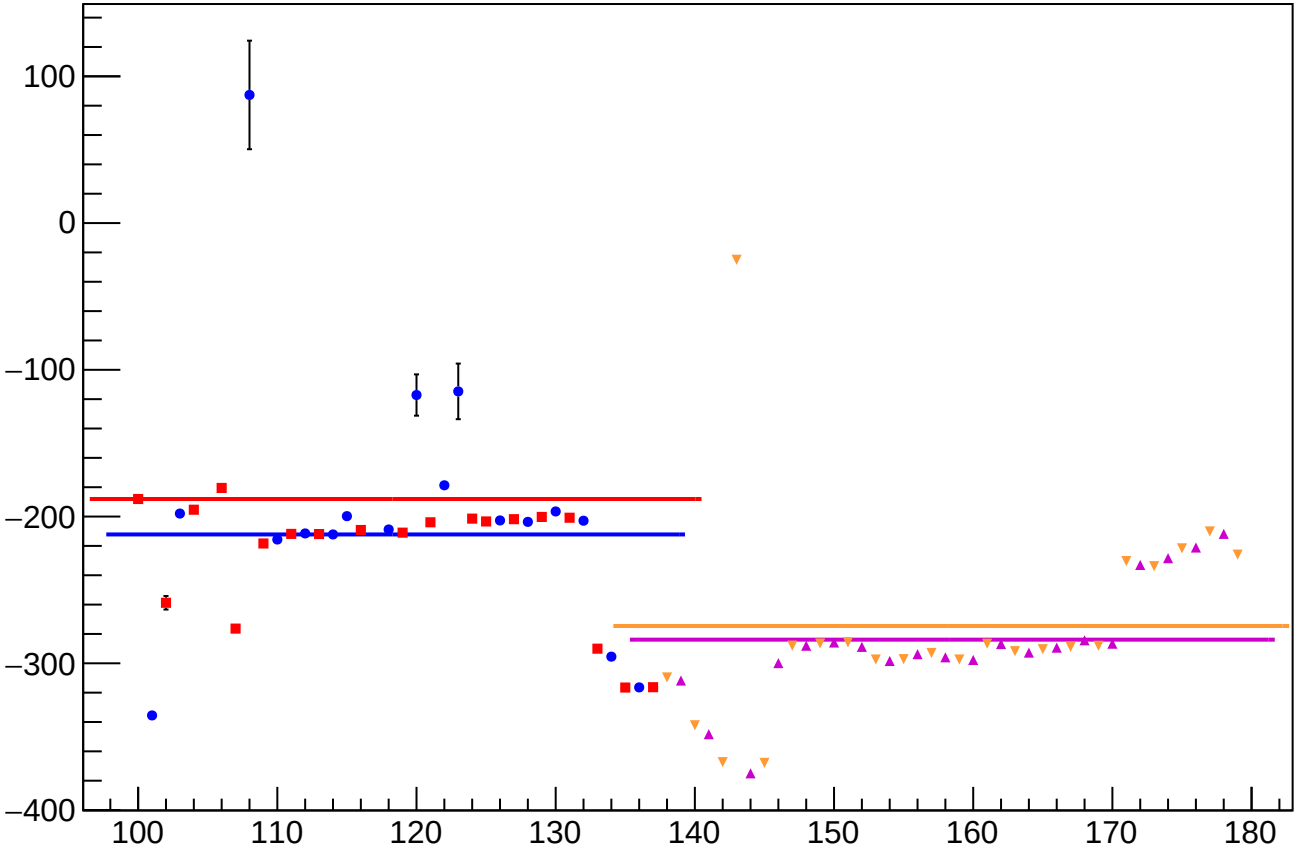
Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1413.988+/-0.208 χ^2/NDF:4435192.9/36

Out: 1378.730+/-0.209 χ^2/NDF:5836132.3/40

All: 1396.444+/-0.147 χ^2/NDF: 10285623.2/7

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -274.574+/-0.023 χ^2/NDF:6379690.3/21

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -283.887+/-0.022 χ^2/NDF:1765271.6/19

Left: -279.393+/-0.016 χ^2/NDF: 8227856.6/41

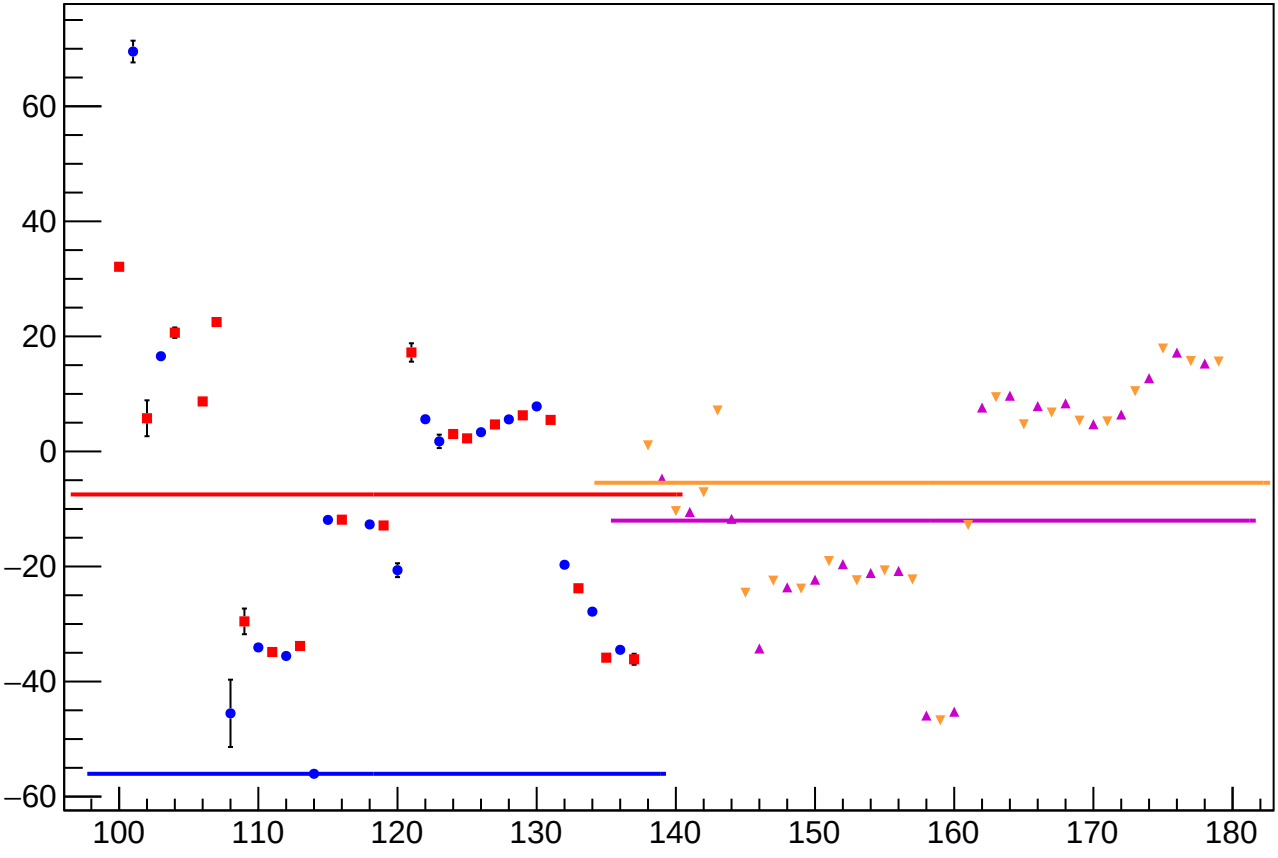
Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:13095558.9/36

Out: -188.033+/-0.000 χ^2/NDF:20816690.0/40

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: -5.443+/-0.018 χ^2/NDF:1200805.4/21

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -12.026+/-0.019 χ^2/NDF:1497759.0/19

Left: -8.581+/-0.013 χ^2/NDF: 2760880.4/41

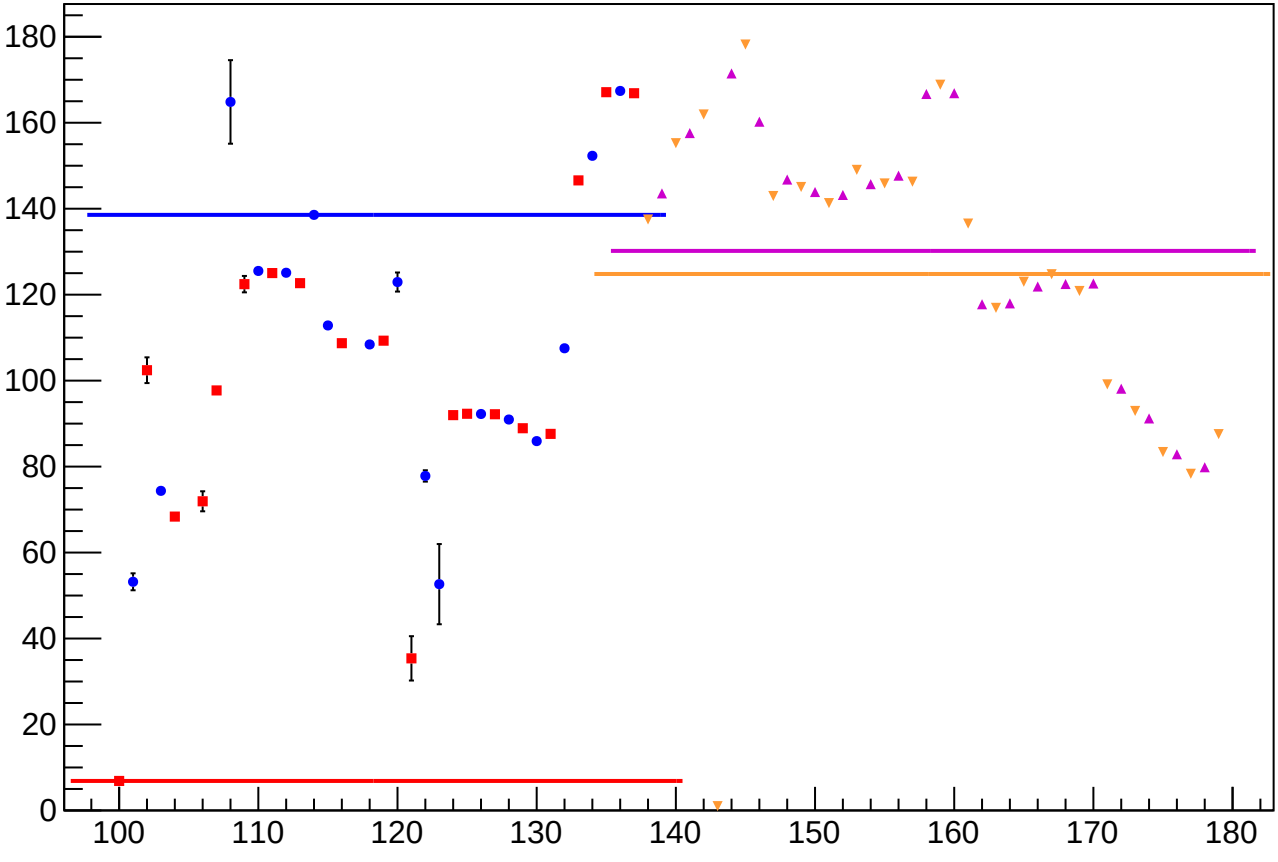
Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:8404672.9/36

Out: -5.763+/-0.017 χ^2/NDF:1376657.4/40

All: -56.037+/-0.000 χ^2/NDF: 18828440.3/77

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 124.811+/-0.025 χ^2/NDF:1382226.6/21

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 130.184+/-0.027 χ^2/NDF:1125626.8/19

Left: 127.296+/-0.018 χ^2/NDF: 2529139.9/41

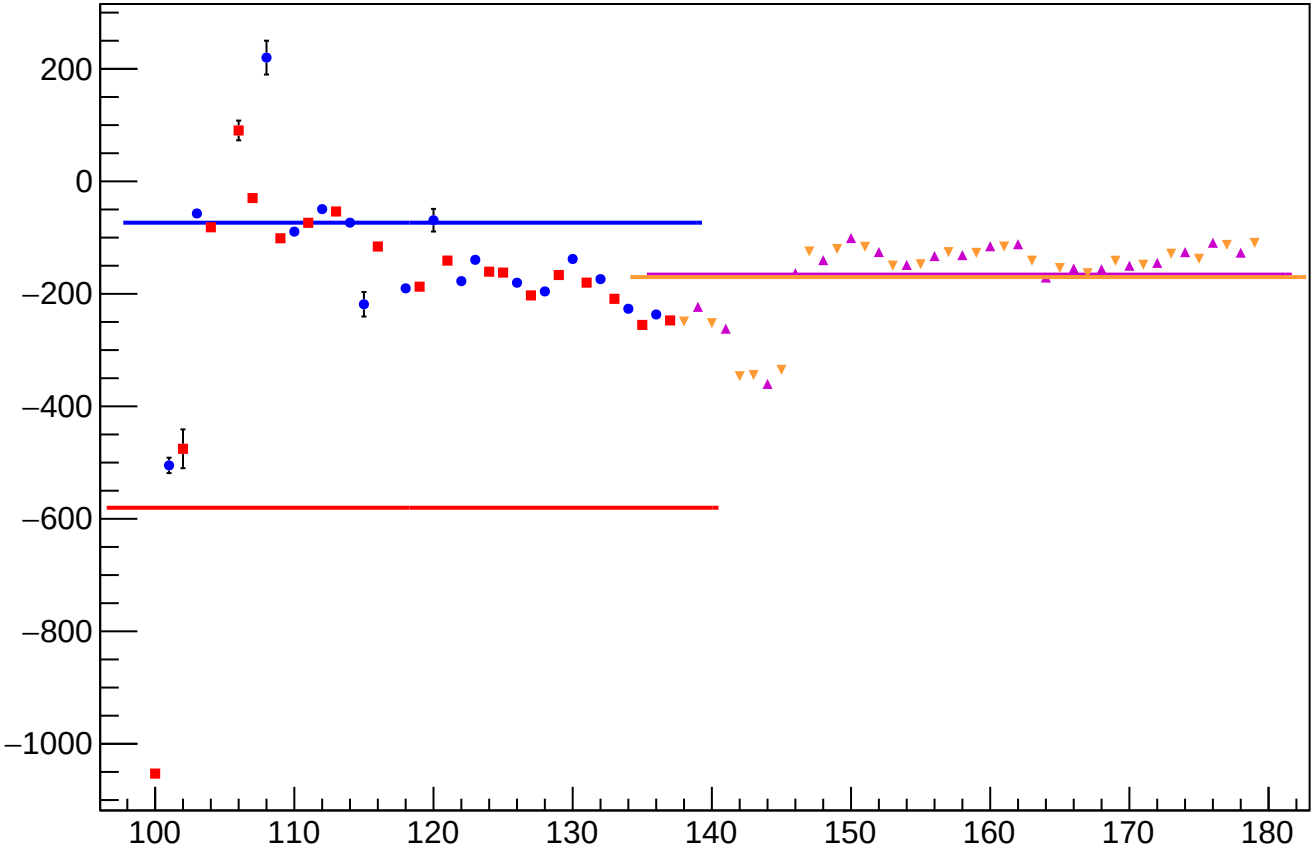
Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:2123176.2/36

Out: 6.866+/-0.000 χ^2/NDF:31608486.5/40

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: -170.181+/-0.245 χ^2/NDF:79388.0/21

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -165.806+/-0.259 χ^2/NDF:69463.9/19

Left: -168.119+/-0.178 χ^2/NDF: 149002.6/41

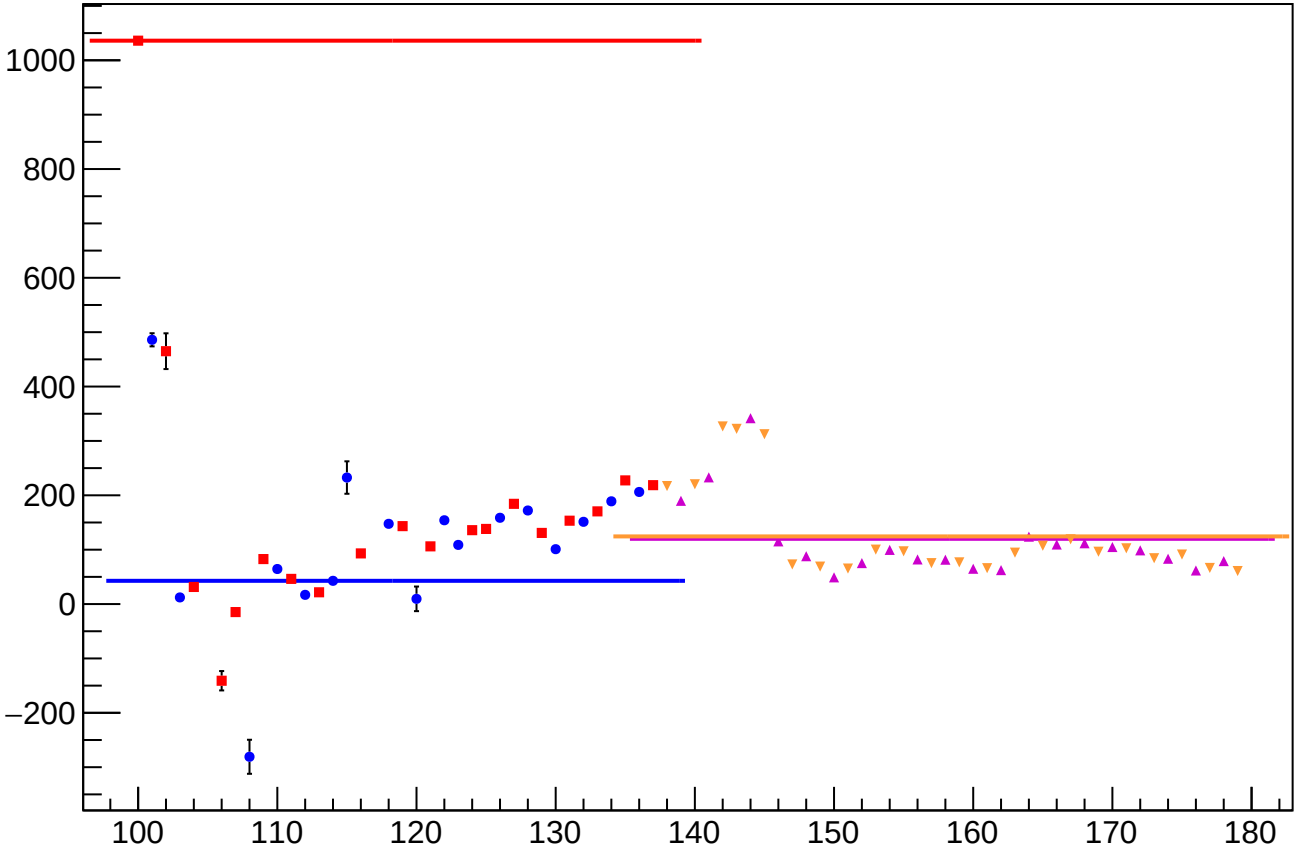
Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:295166.2/36

Out: -362.003+/-0.178 χ^2/NDF:4425485.3/40

All: -73.485+/-0.000 χ^2/NDF: 7334190.7/77

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 124.409+/-0.249 χ^2/NDF:93681.0/21

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 119.988+/-0.266 χ^2/NDF:77713.2/19

Left: 122.342+/-0.182 χ^2/NDF: 171541.3/41

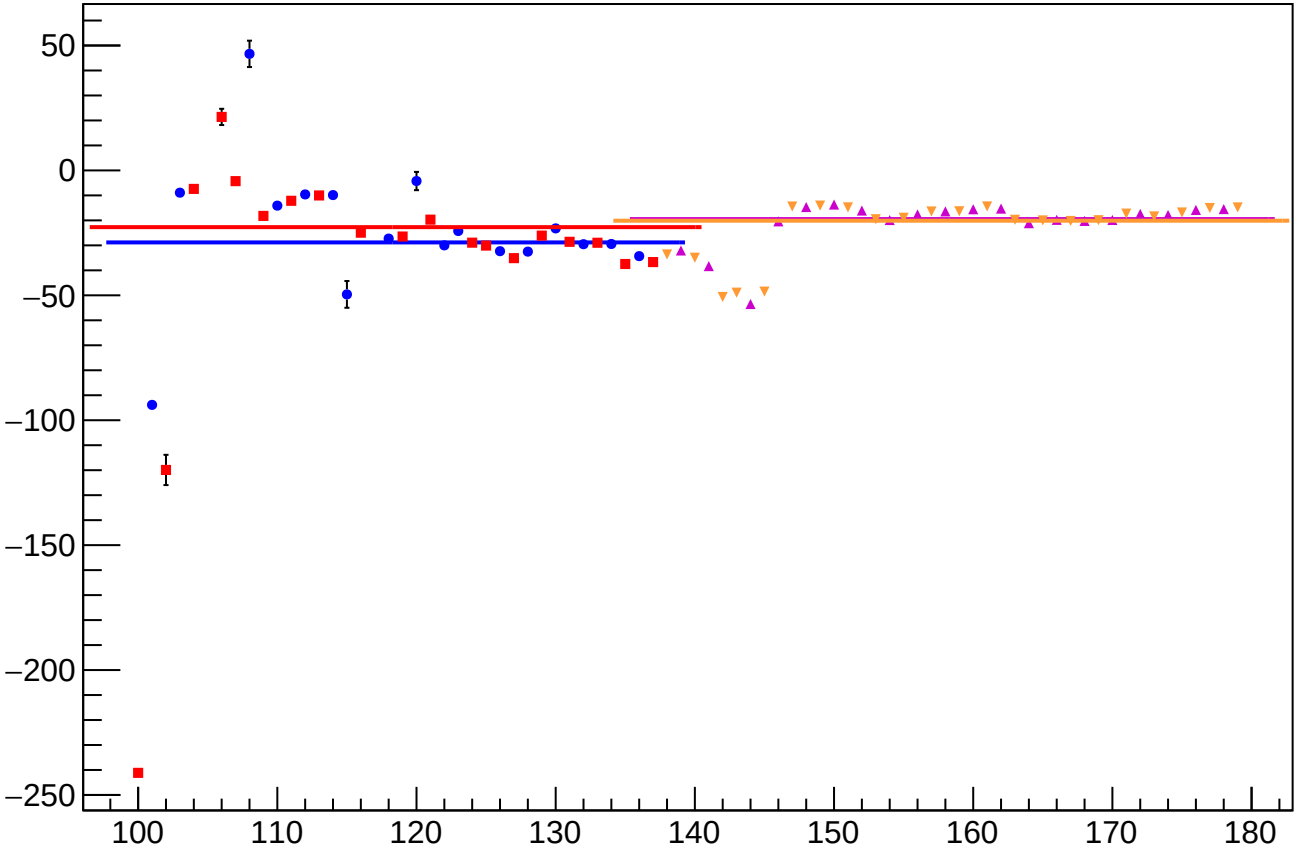
Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:246699.4/36

Out: 1036.068+/-0.000 χ^2/NDF:18411169.1/40

All: 43.272+/-0.000 χ^2/NDF: 114451749726

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -20.131+/-0.013 χ^2/NDF:369460.4/21

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -19.479+/-0.015 χ^2/NDF:207352.8/19

Left: -19.851+/-0.010 χ^2/NDF: 577900.8/41

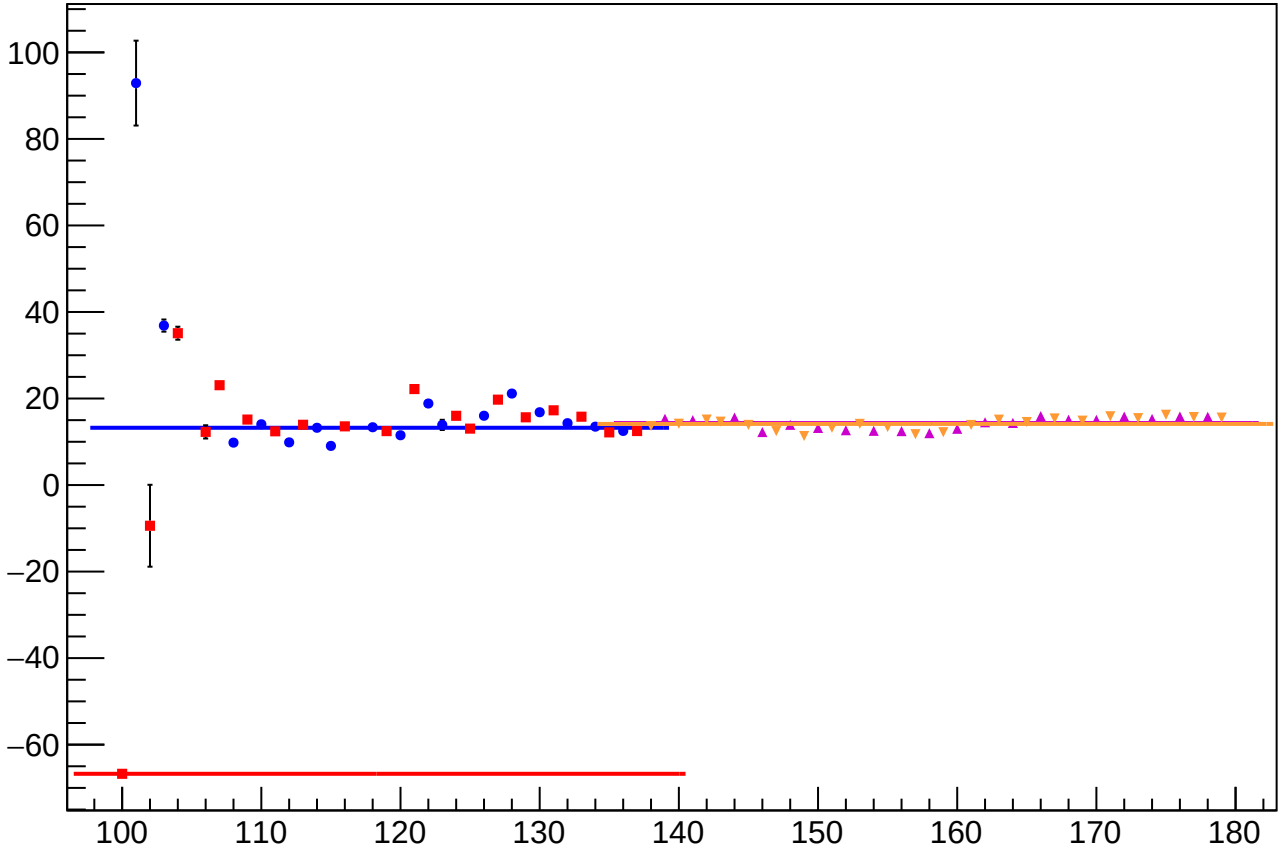
Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -20.936+/-0.014 χ^2/NDF:317910.2/36

Out: -20.400+/-0.012 χ^2/NDF:783732.5/40

All: -20.638+/-0.009 χ^2/NDF: 1102492.5/77

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 14.127+/-0.012 χ^2/NDF:10441.6/21

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 14.337+/-0.012 χ^2/NDF:11929.3/19

Left: 14.233+/-0.009 χ^2/NDF: 22514.3/41

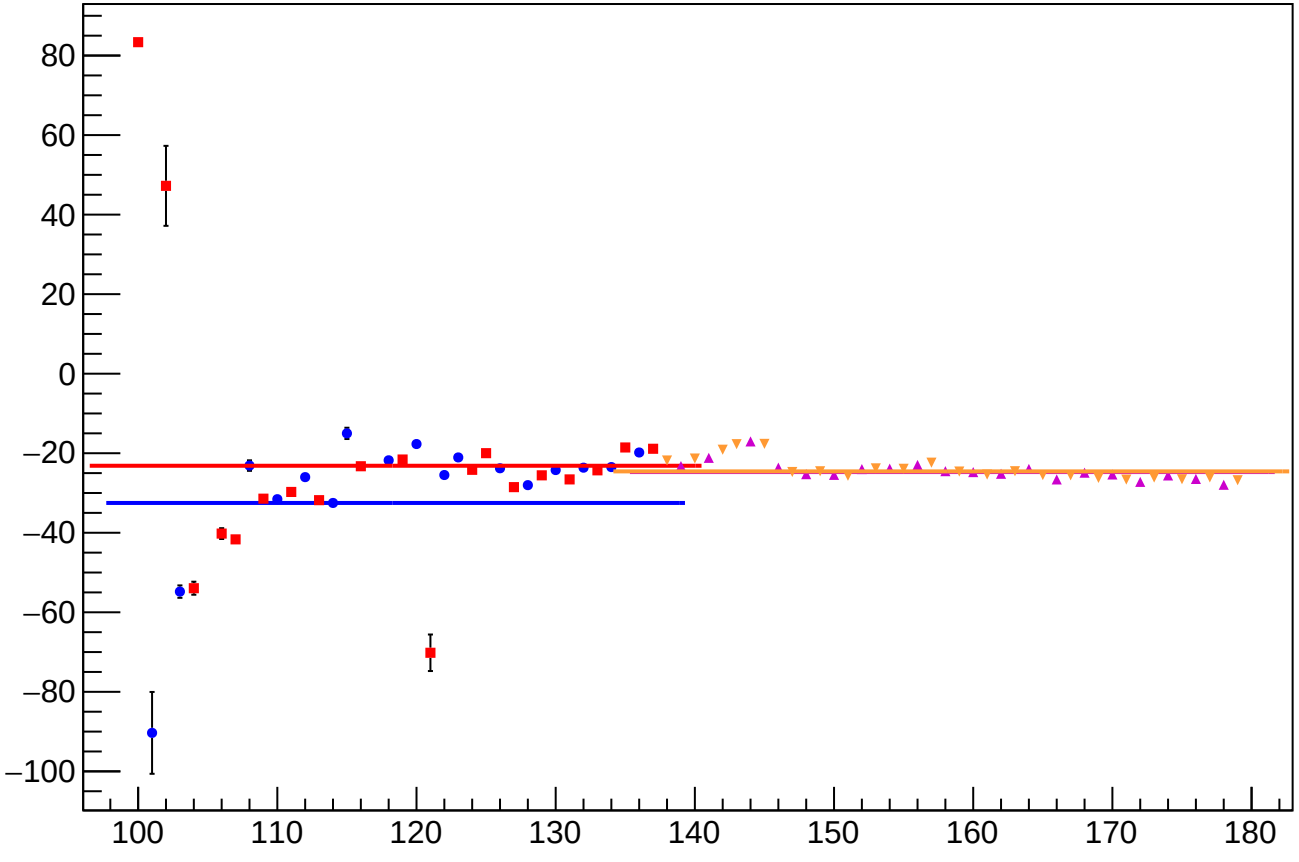
Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:25685.5/36

Out: -66.739+/-0.000 χ^2/NDF:45093241.6/40

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: -24.566+/-0.016 χ^2/NDF:21431.3/21

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -24.737+/-0.016 χ^2/NDF:11669.2/19

Left: -24.651+/-0.011 χ^2/NDF: 33155.8/41

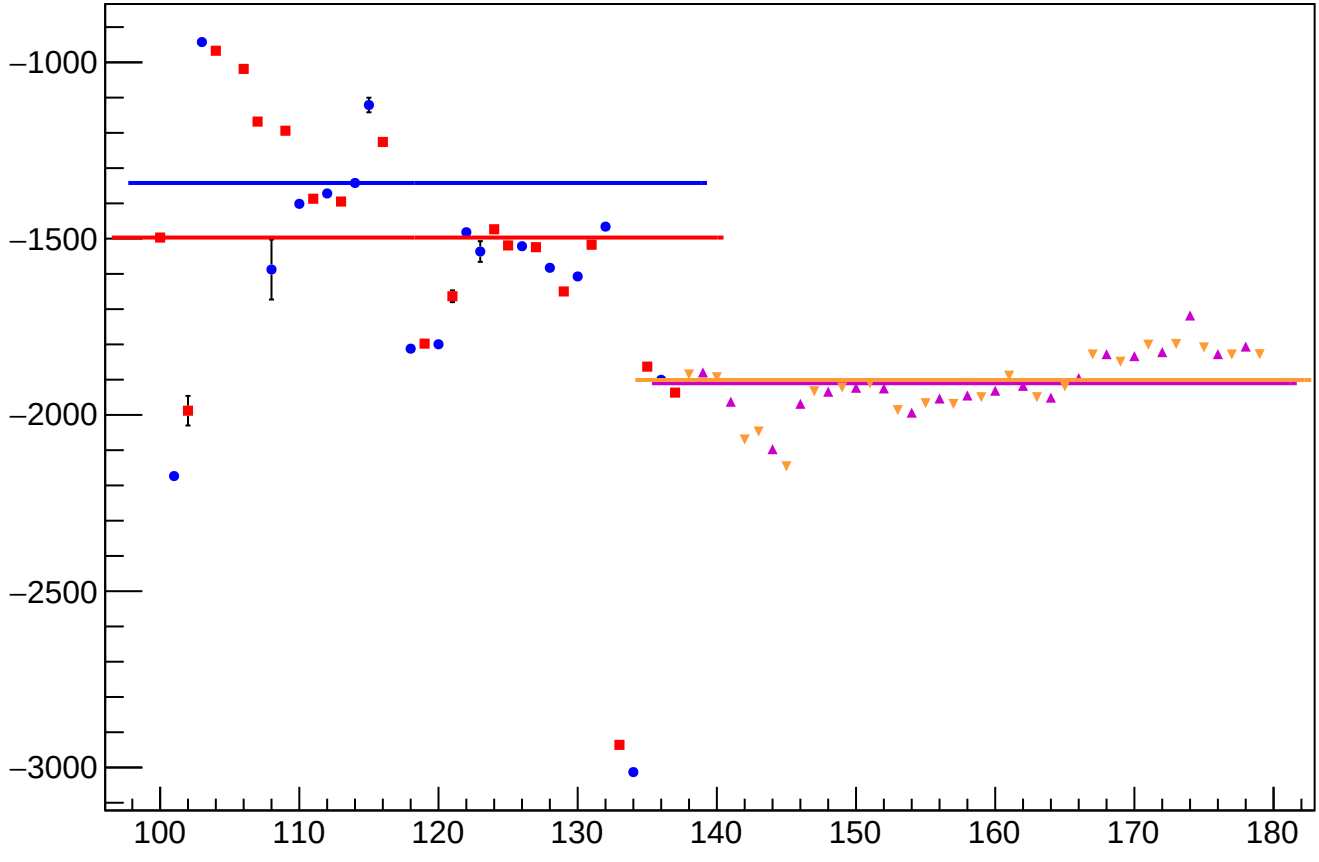
Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:314274.6/36

Out: -24.421+/-0.015 χ^2/NDF:112973.5/40

All: -32.504+/-0.000 χ^2/NDF: 707794.1/77

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1900.997+/-0.324 χ^2/NDF:57524.3/21

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1910.129+/-0.296 χ^2/NDF:55934.2/19

Left: -1905.976+/-0.219 χ^2/NDF: 113890.6/41

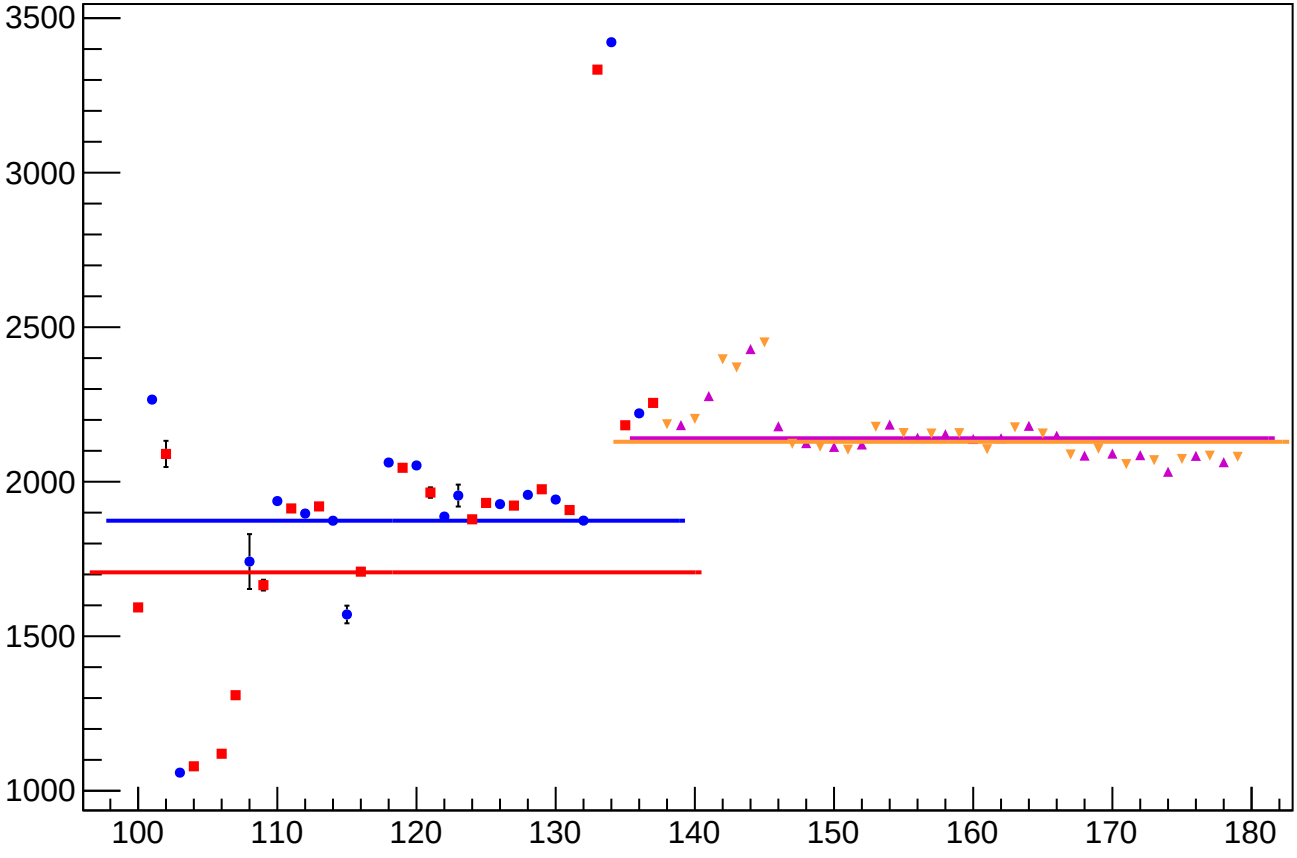
Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:4102943.4/36

Out: -1496.932+/-0.000 χ^2/NDF:2113627.8/40

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: 2129.198+/-0.323 χ^2/NDF:45465.4/21

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2140.571+/-0.297 χ^2/NDF:52576.8/19

Left: 2135.364+/-0.219 χ^2/NDF: 98712.7/41

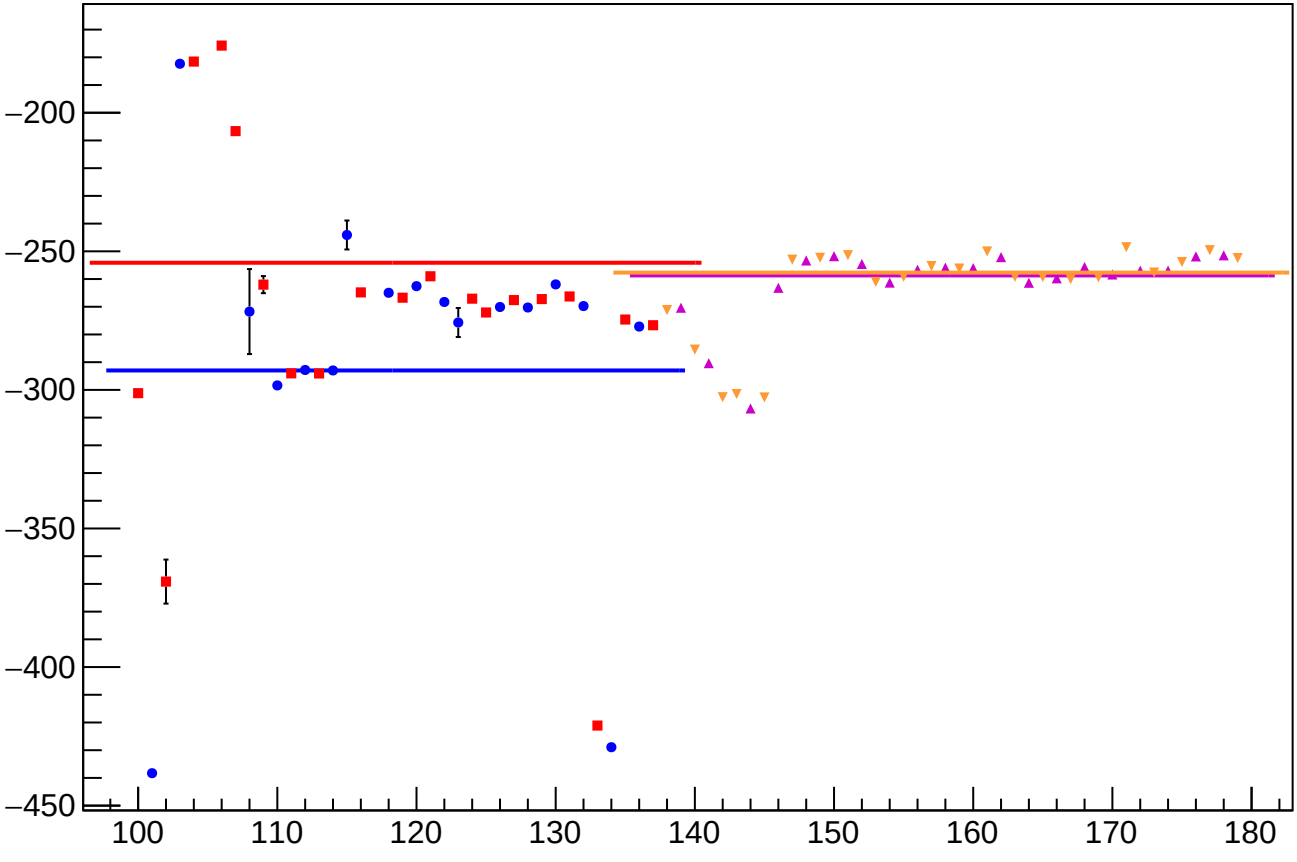
Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:1059795.9/36

Out: 1903.823+/-0.221 χ^2/NDF:1793931.0/40

All: 1873.852+/-0.000 χ^2/NDF: 2872140.3/77

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -257.674+/-0.020 χ^2/NDF:224838.0/21

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -258.694+/-0.018 χ^2/NDF:259053.4/19

Left: -258.238+/-0.013 χ^2/NDF: 485302.3/41

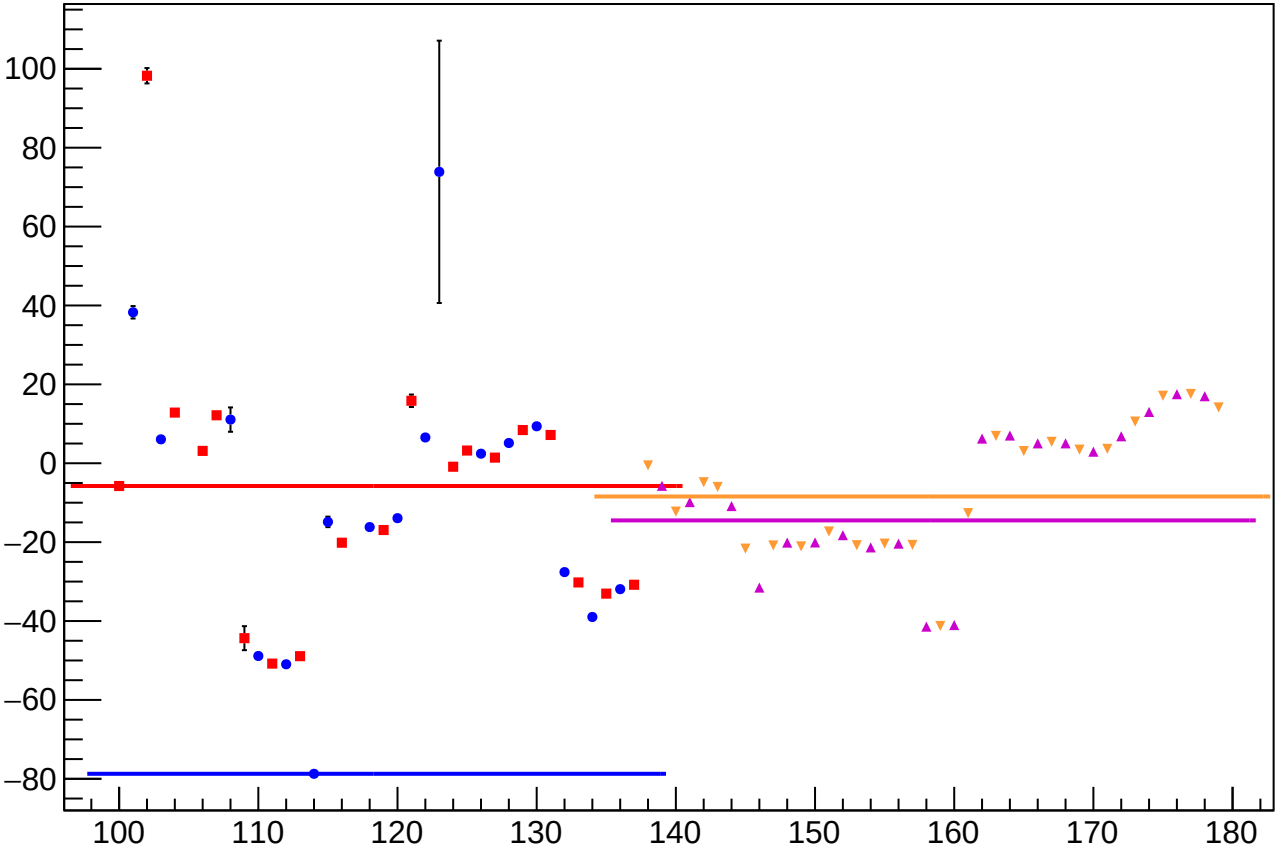
Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:4840371.5/36

Out: -257.302+/-0.019 χ^2/NDF:730747.4/40

All: -292.986+/-0.000 χ^2/NDF: 9062903.7/77

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -8.425+/-0.018 χ^2/NDF:903488.9/21

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -14.488+/-0.017 χ^2/NDF:1190802.1/19

Left: -11.633+/-0.013 χ^2/NDF: 2152716.3/41

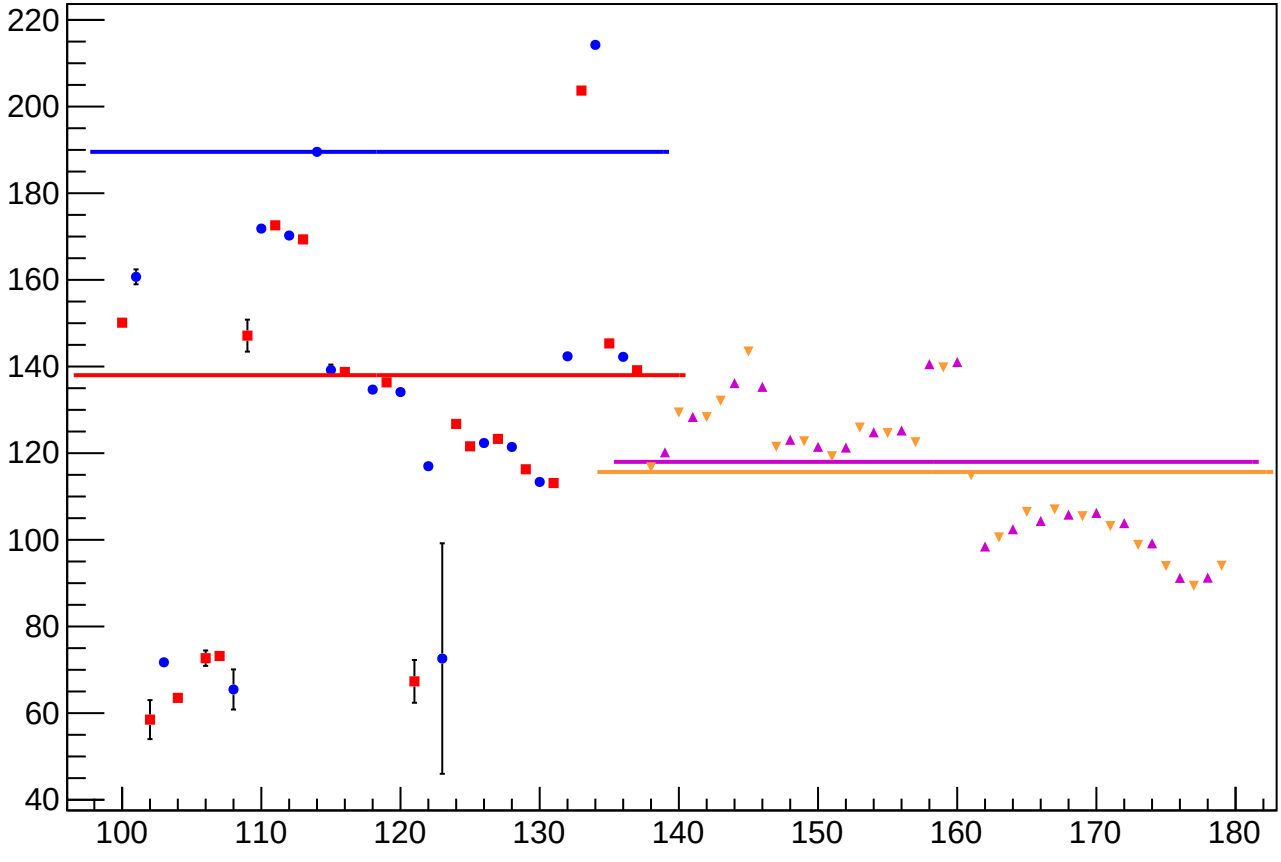
Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:16516652.1/36

Out: -5.769+/-0.000 χ^2/NDF:1036235.3/40

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: 115.662+/-0.023 χ^2/NDF:359906.8/21

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 118.001+/-0.024 χ^2/NDF:380878.2/19

Left: 116.774+/-0.017 χ^2/NDF: 745681.6/41

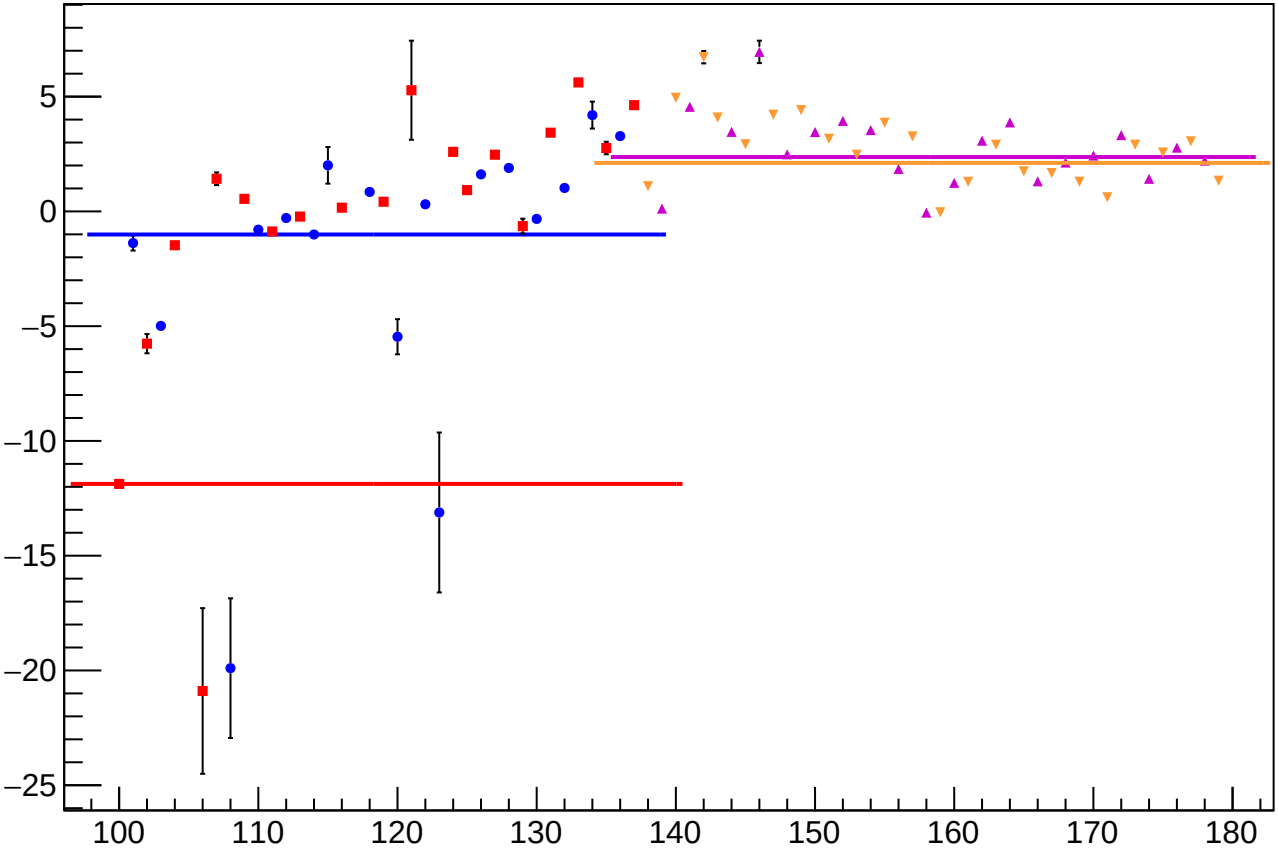
Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:10049976.4/36

Out: 118.613+/-0.021 χ^2/NDF:601417.5/40

All: 189.551+/-0.000 χ^2/NDF: 21571810.9/77

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.113+/-0.016 χ^2/NDF:6486.8/21

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.368+/-0.015 χ^2/NDF:7061.6/19

Left: 2.247+/-0.011 χ^2/NDF: 13689.0/41

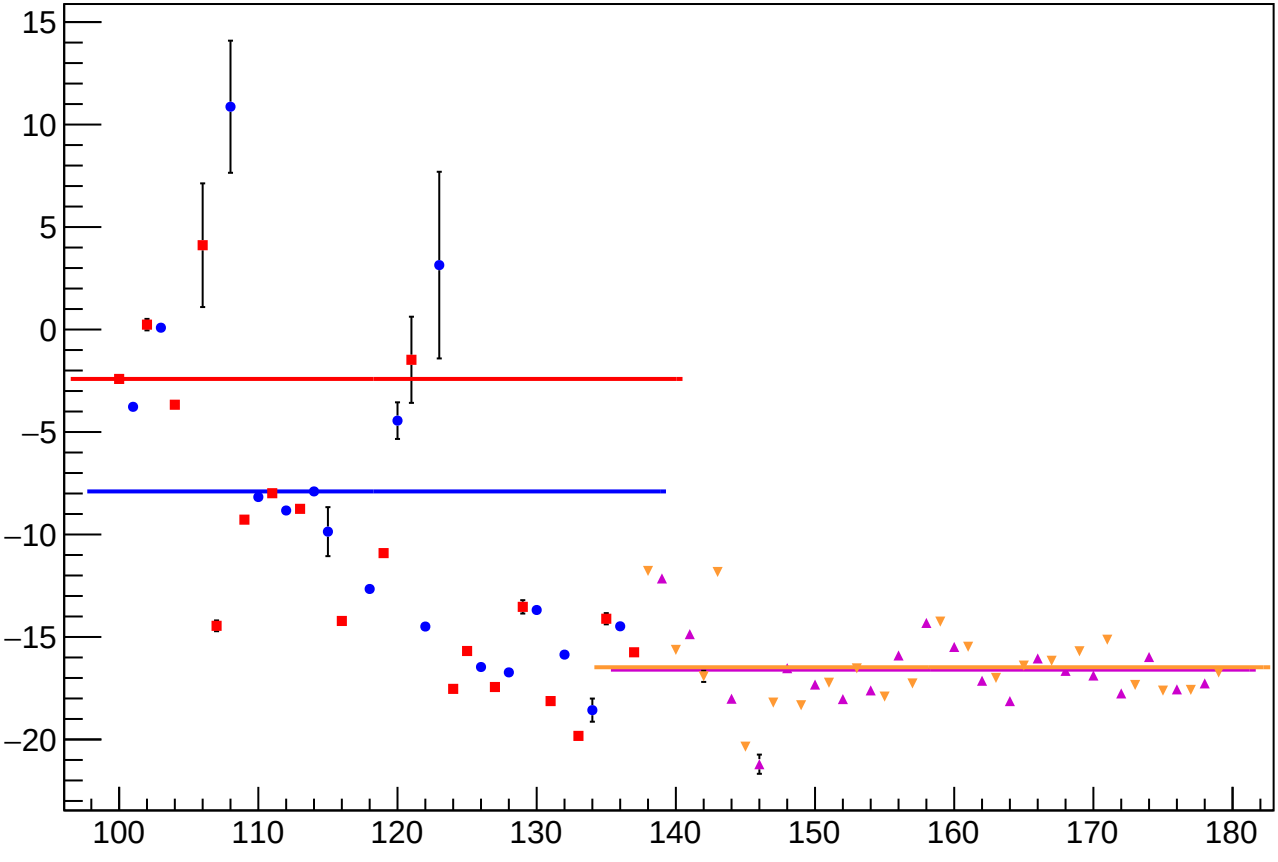
Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:65851.7/36

Out: -11.872+/-0.000 χ^2/NDF:1310053.4/40

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: -16.477+/-0.015 χ^2/NDF:7893.1/21

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.594+/-0.015 χ^2/NDF:5977.3/19

Left: -16.535+/-0.011 χ^2/NDF: 13899.2/41

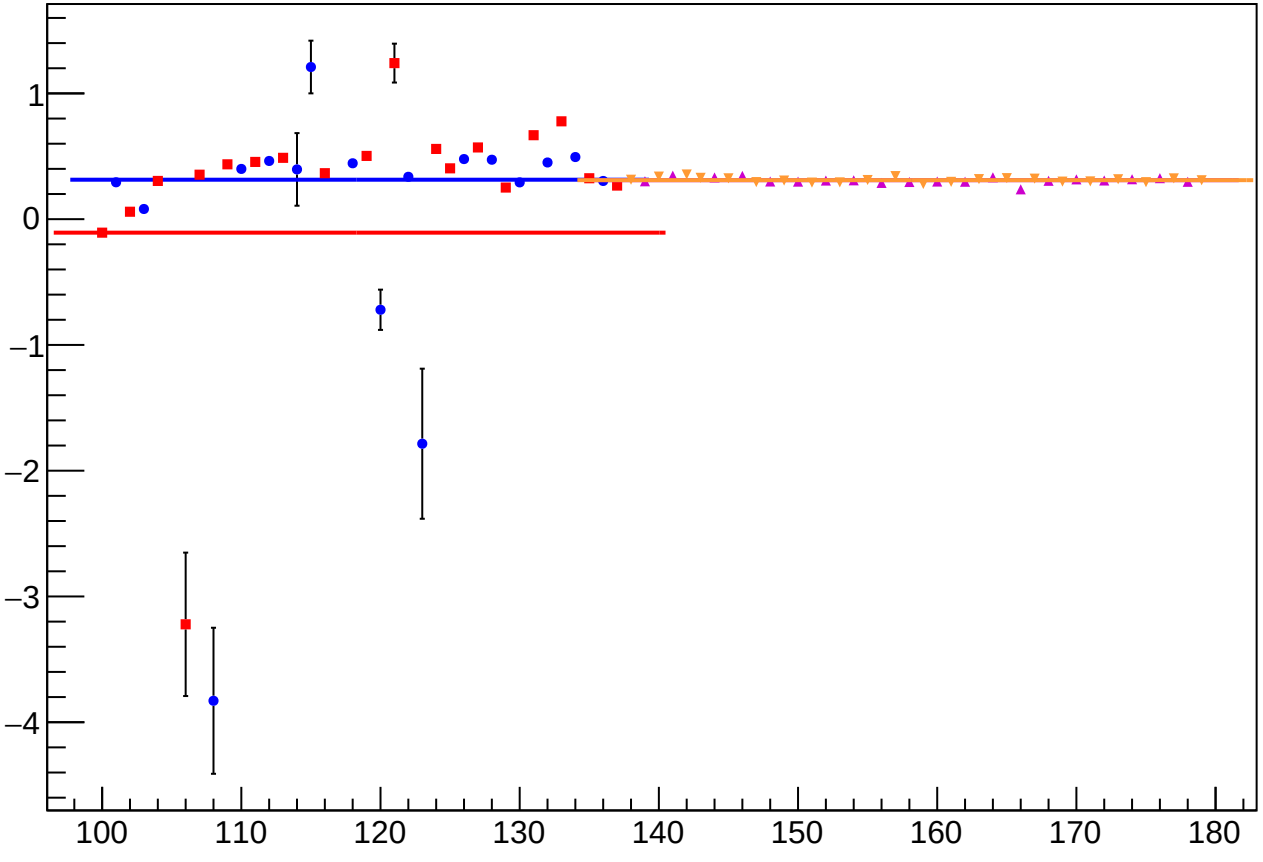
Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:360946.3/36

Out: -2.410+/-0.000 χ^2/NDF:1049340.3/40

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314+/-0.001 χ^2/NDF: 2748.0/16

Left Out: 0.310+/-0.000 χ^2/NDF:4626.2/21

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.310+/-0.000 χ^2/NDF:3071.0/19

Left: 0.310+/-0.000 χ^2/NDF: 7697.4/41

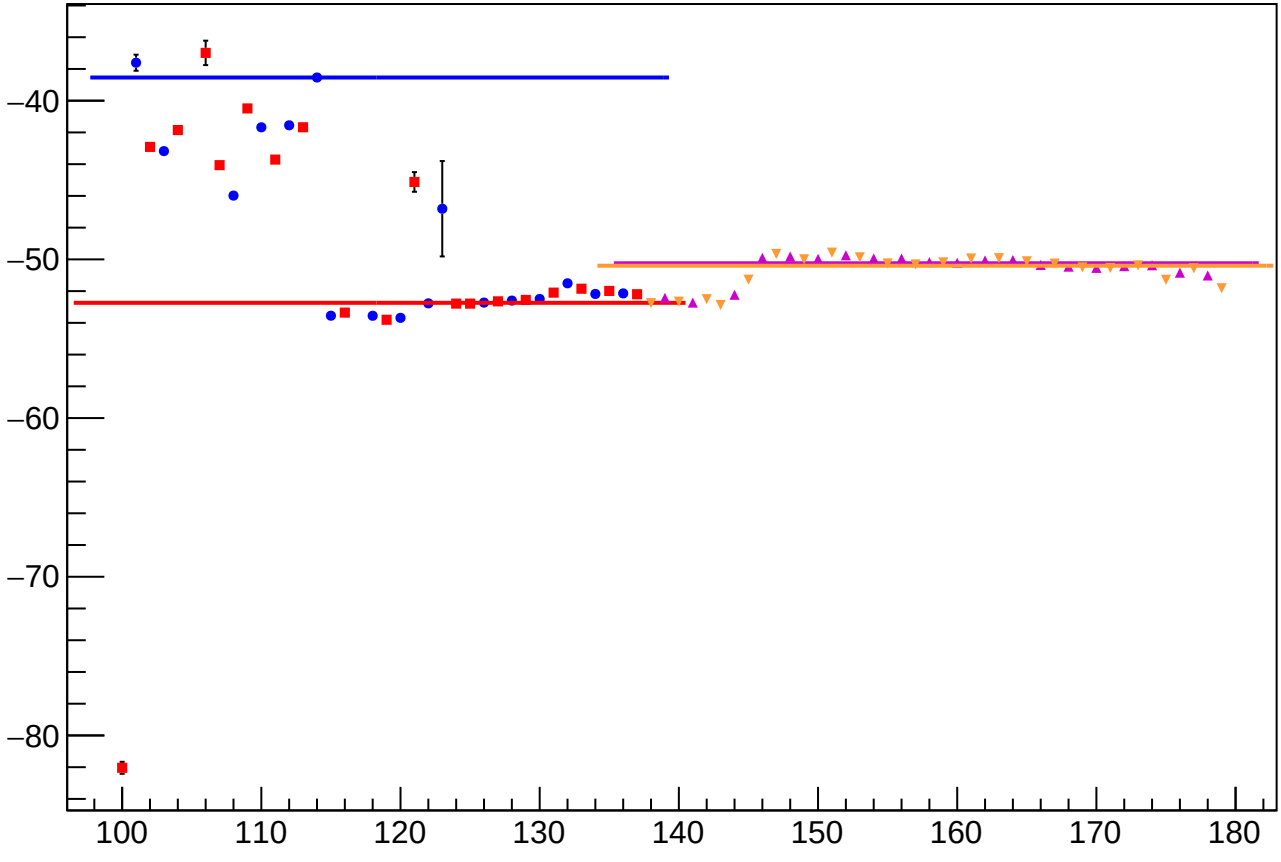
Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.310+/-0.000 χ^2/NDF:5833.1/36

Out: -0.107+/-0.000 χ^2/NDF:3415156.9/40

All: -0.107+/-0.000 χ^2/NDF: 6566495.7/77

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.400+/-0.001 χ^2/NDF:282700.5/21

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.247+/-0.001 χ^2/NDF:169020.8/19

Left: -50.315+/-0.001 χ^2/NDF: 458220.4/41

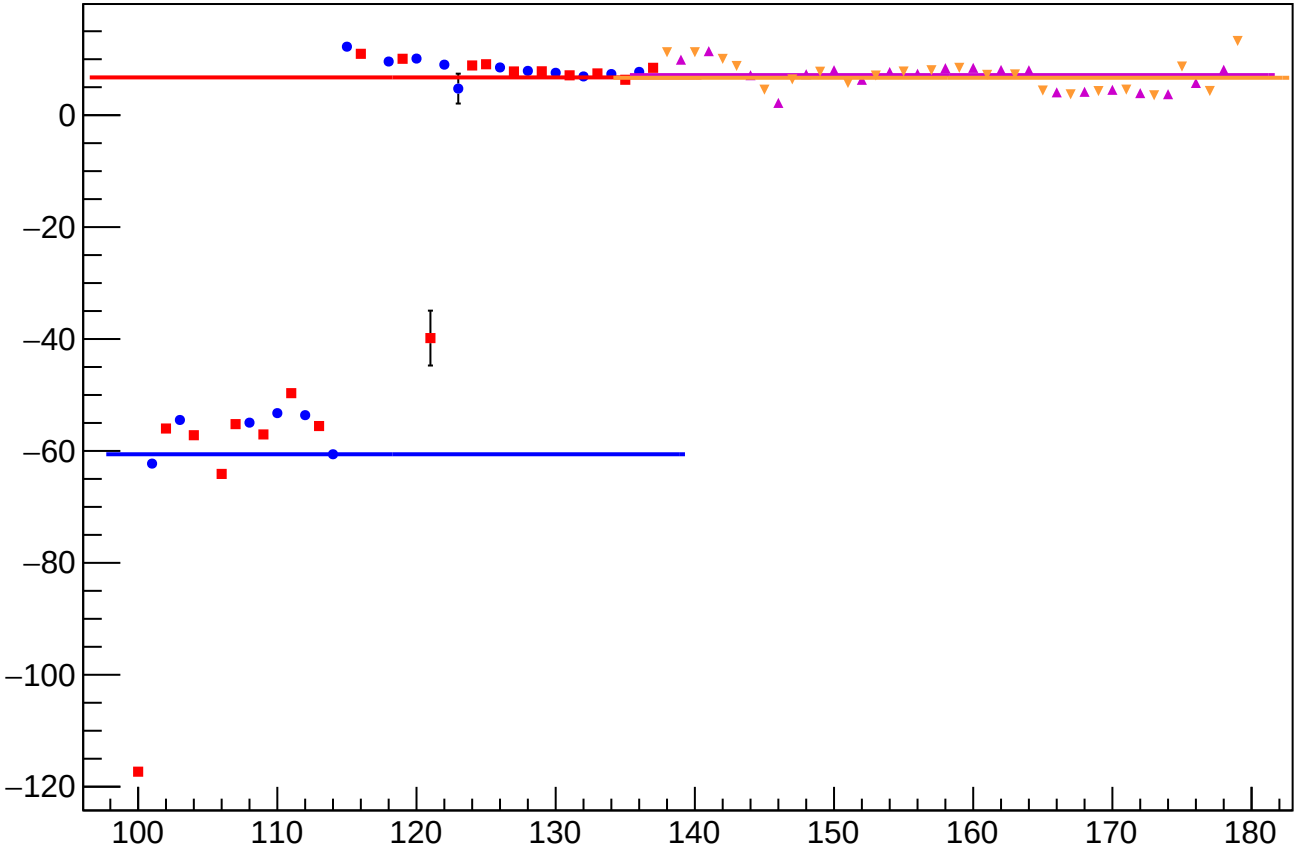
Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:100357083.3/36

Out: -51.247+/-0.001 χ^2/NDF:1355493.0/40

All: -38.539+/-0.000 χ^2/NDF: 227803270.8/7

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 6.684+/-0.004 χ^2/NDF:325982.7/21

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.160+/-0.003 χ^2/NDF:208538.9/19

Left: 6.939+/-0.003 χ^2/NDF: 543235.5/41

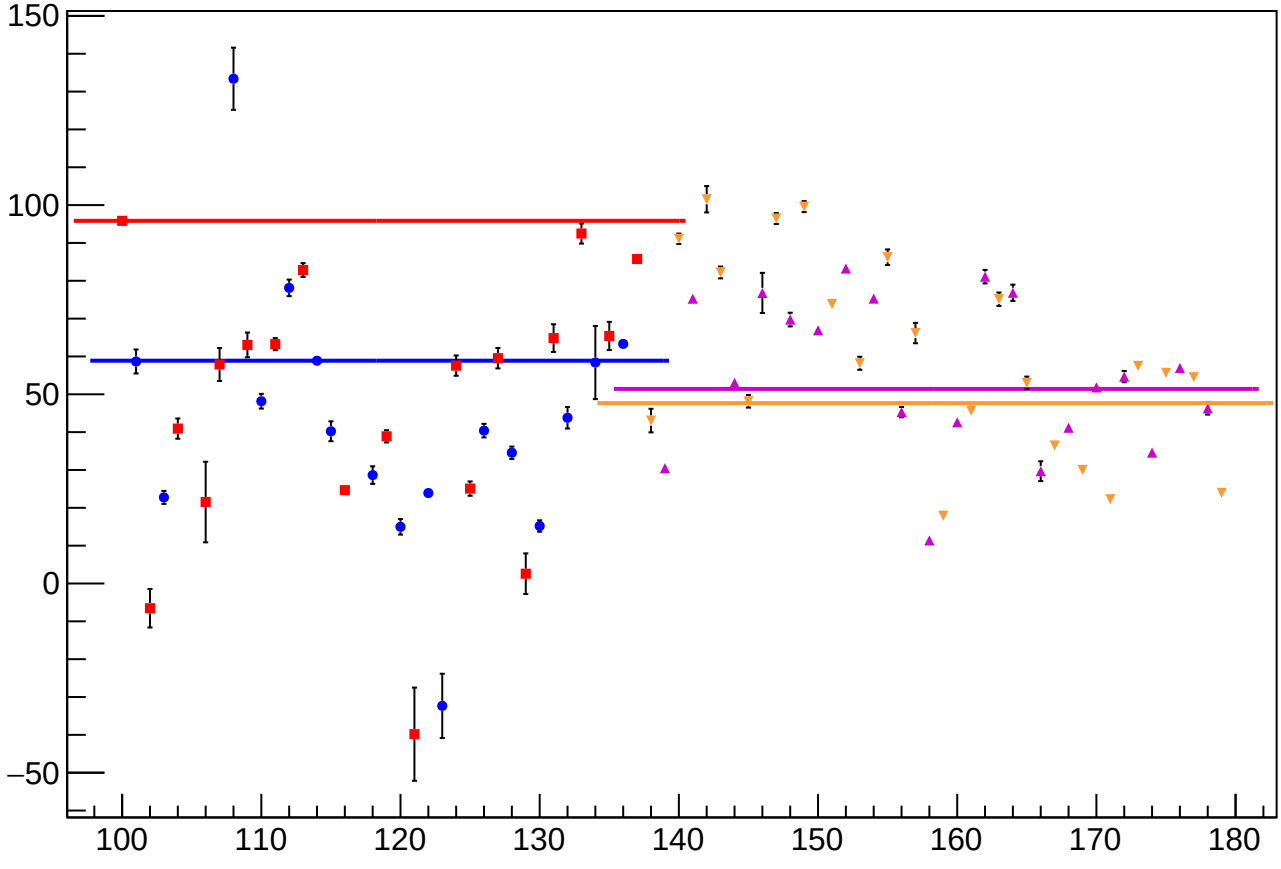
Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:405941261.1/36

Out: 6.691+/-0.004 χ^2/NDF:1592611.3/40

All: -60.594+/-0.000 χ^2/NDF: 770294839.7/7

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 47.670+/-0.241 χ^2/NDF:9080.2/21

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 51.428+/-0.229 χ^2/NDF:6146.8/19

Left: 49.643+/-0.166 χ^2/NDF: 15354.9/41

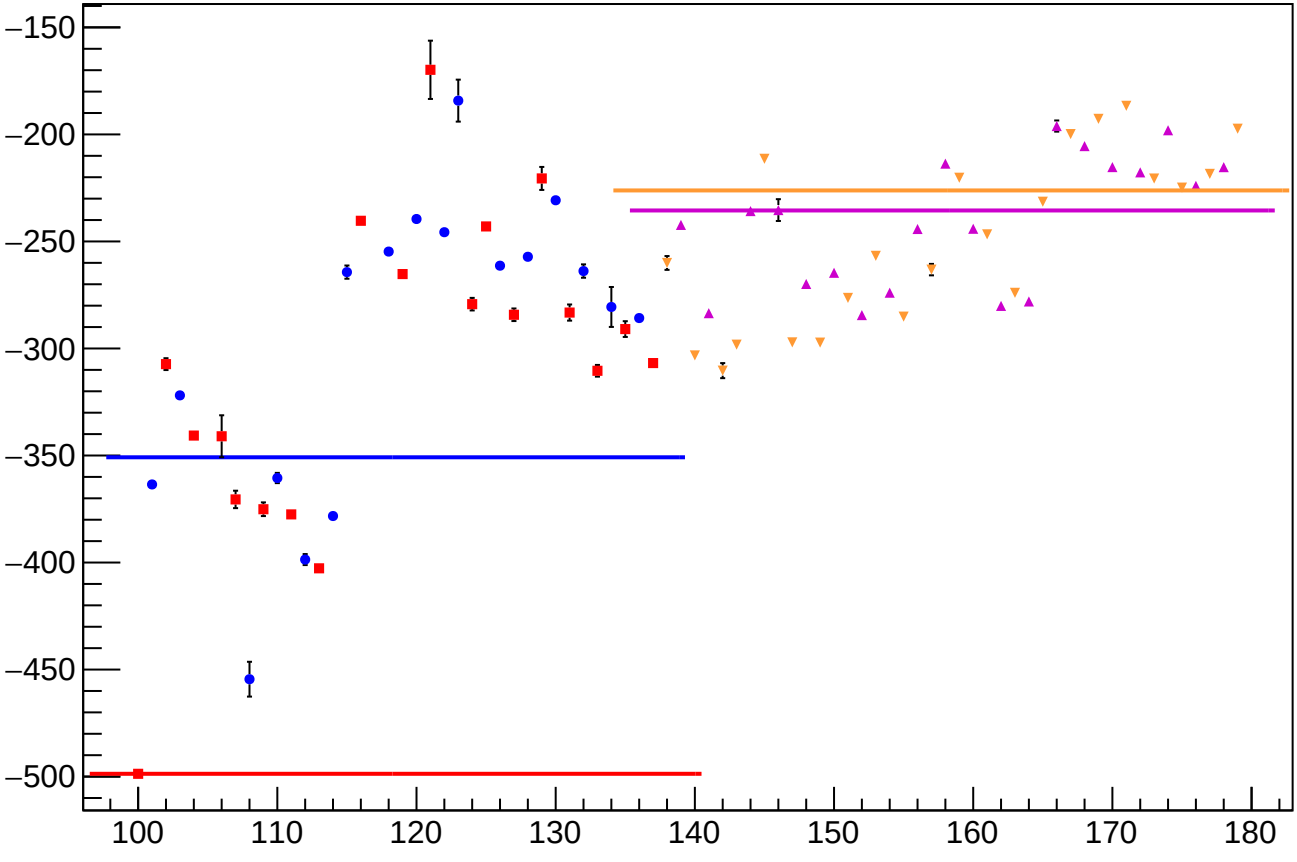
Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:11019.9/36

Out: 95.846+/-0.000 χ^2/NDF:88503.0/40

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: -226.169+/-0.241 χ^2/NDF:21549.8/21

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -235.528+/-0.234 χ^2/NDF:15644.7/19

Left: -230.975+/-0.168 χ^2/NDF: 37969.9/41

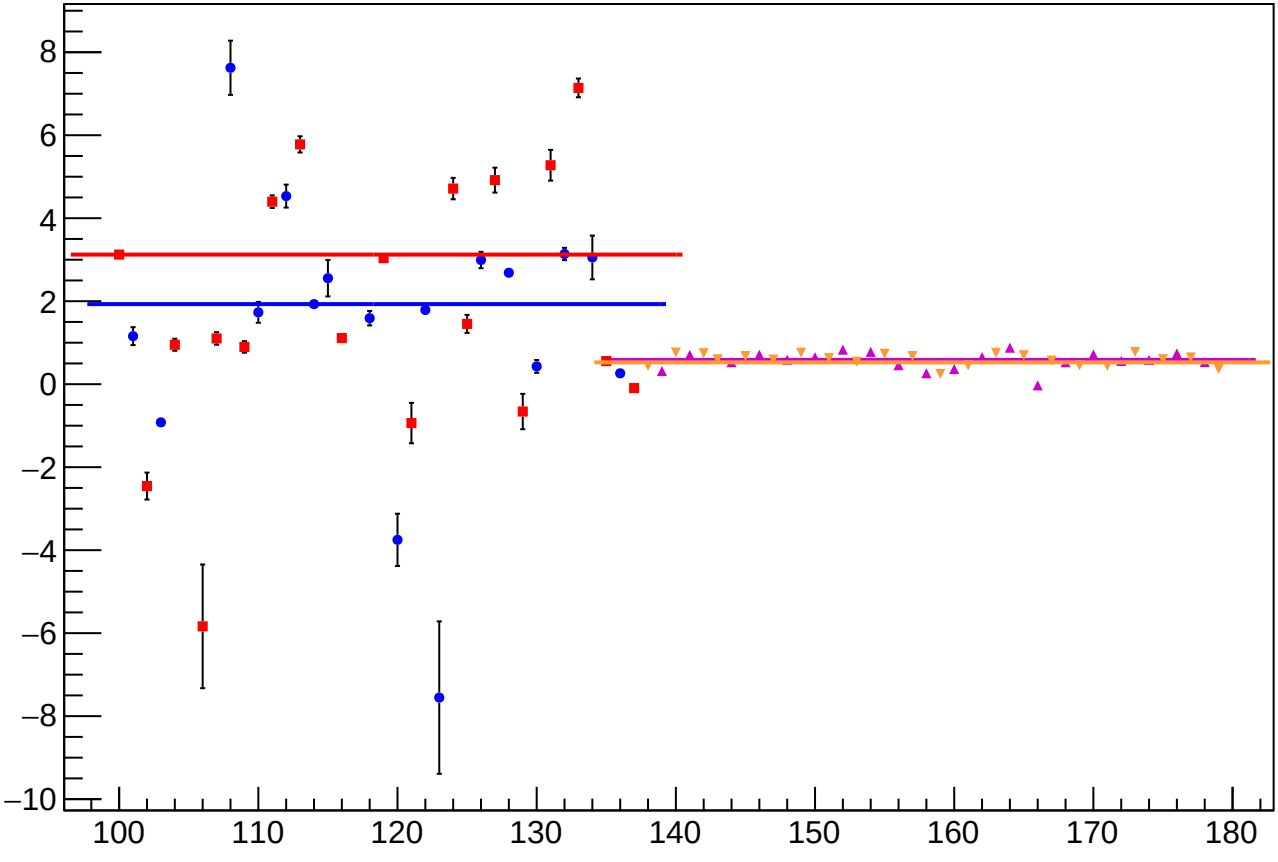
Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -290.753+/-0.169 χ^2/NDF:172795.8/36

Out: -498.692+/-0.000 χ^2/NDF:1813896.6/40

All: -498.692+/-0.000 χ^2/NDF: 3496448.2/77

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.526+/-0.002 χ^2/NDF:10325.9/21

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.585+/-0.002 χ^2/NDF:14846.2/19

Left: 0.559+/-0.001 χ^2/NDF: 25781.1/41

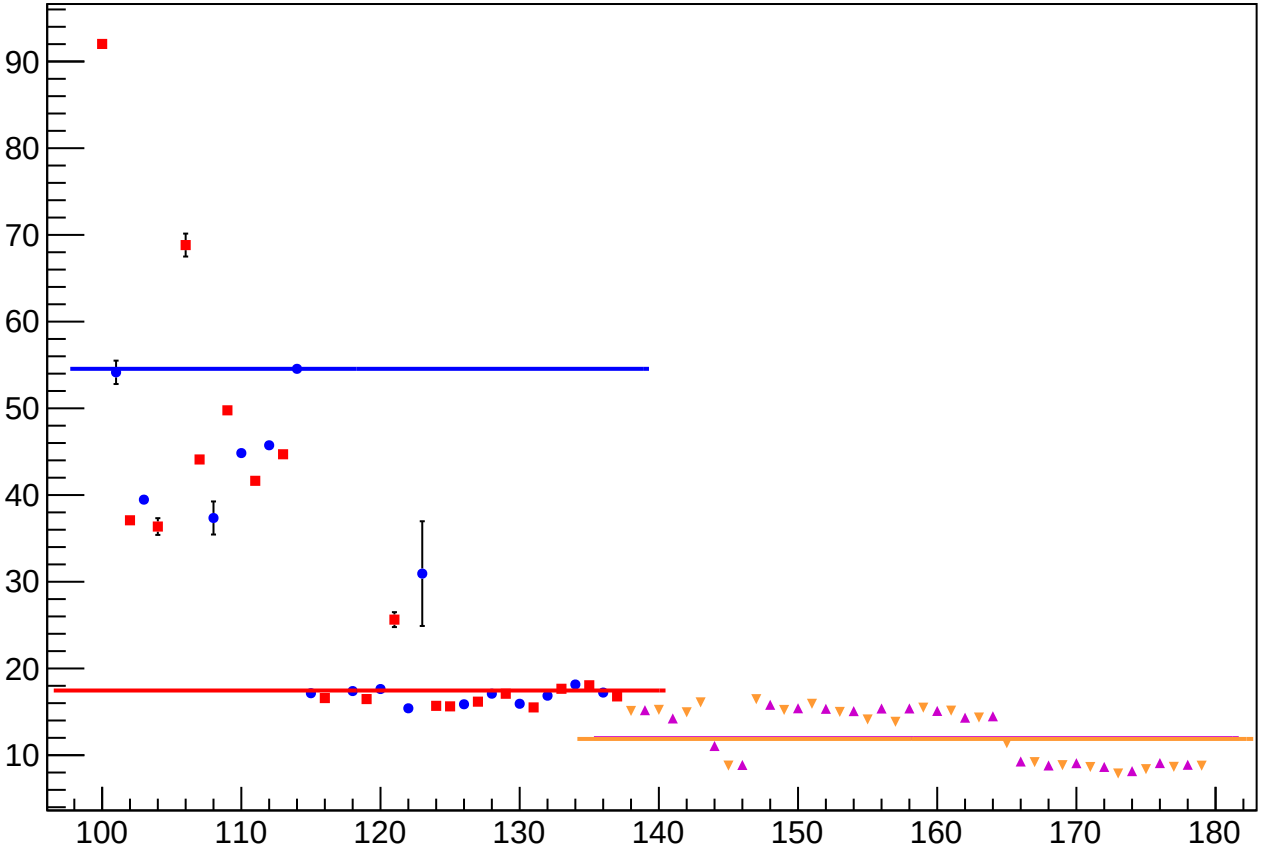
Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:801389.9/36

Out: 3.123+/-0.000 χ^2/NDF:2605167.9/40

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: 11.874+/-0.006 χ^2/NDF:301330.6/21

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 11.967+/-0.006 χ^2/NDF:328676.0/19

Left: 11.924+/-0.004 χ^2/NDF: 630134.0/41

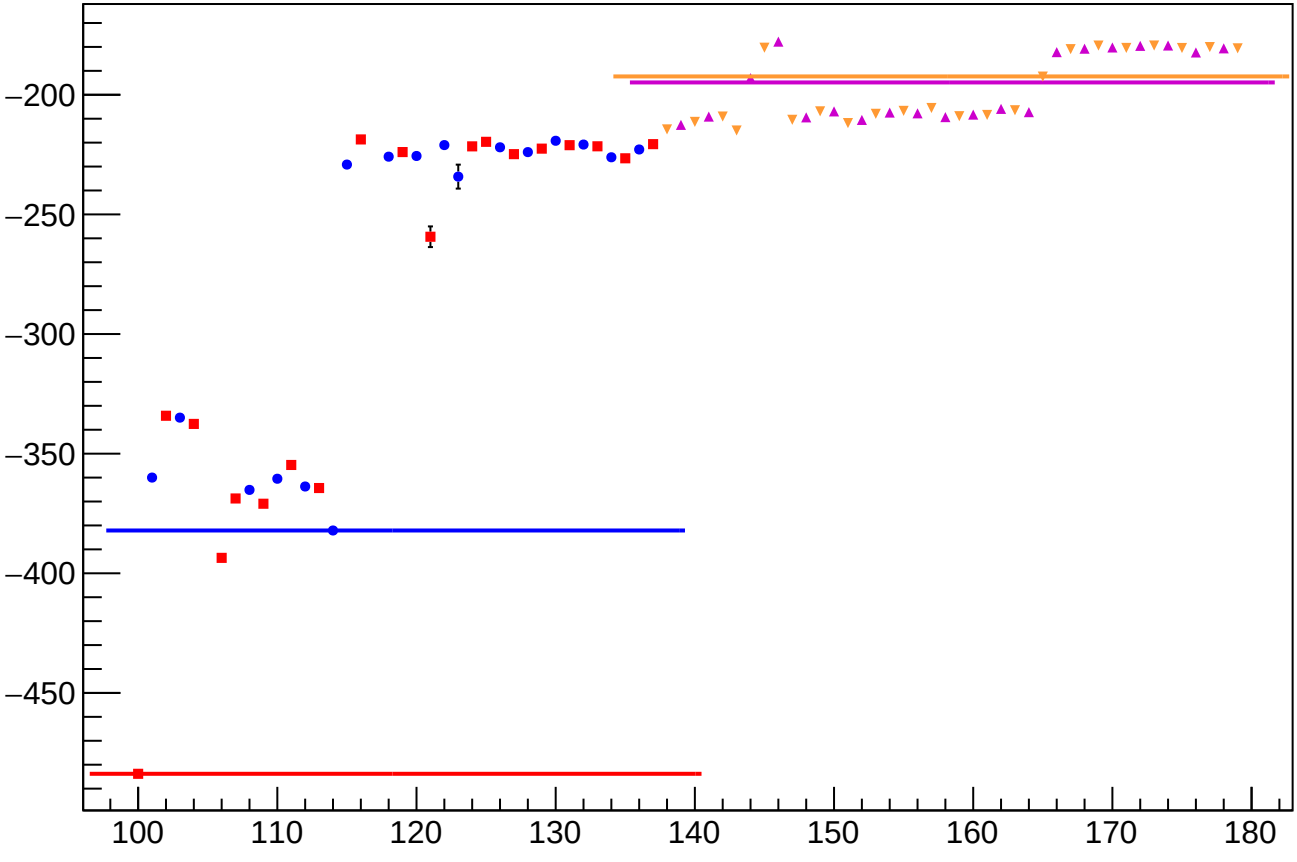
Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:64446374.7/36

Out: 12.422+/-0.006 χ^2/NDF:484761.4/40

All: 54.556+/-0.000 χ^2/NDF: 119042066.0/77

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -192.332+/-0.012 χ^2/NDF:1442596.7/21

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -194.846+/-0.012 χ^2/NDF:1272522.0/19

Left: -193.535+/-0.009 χ^2/NDF: 2736517.2/41

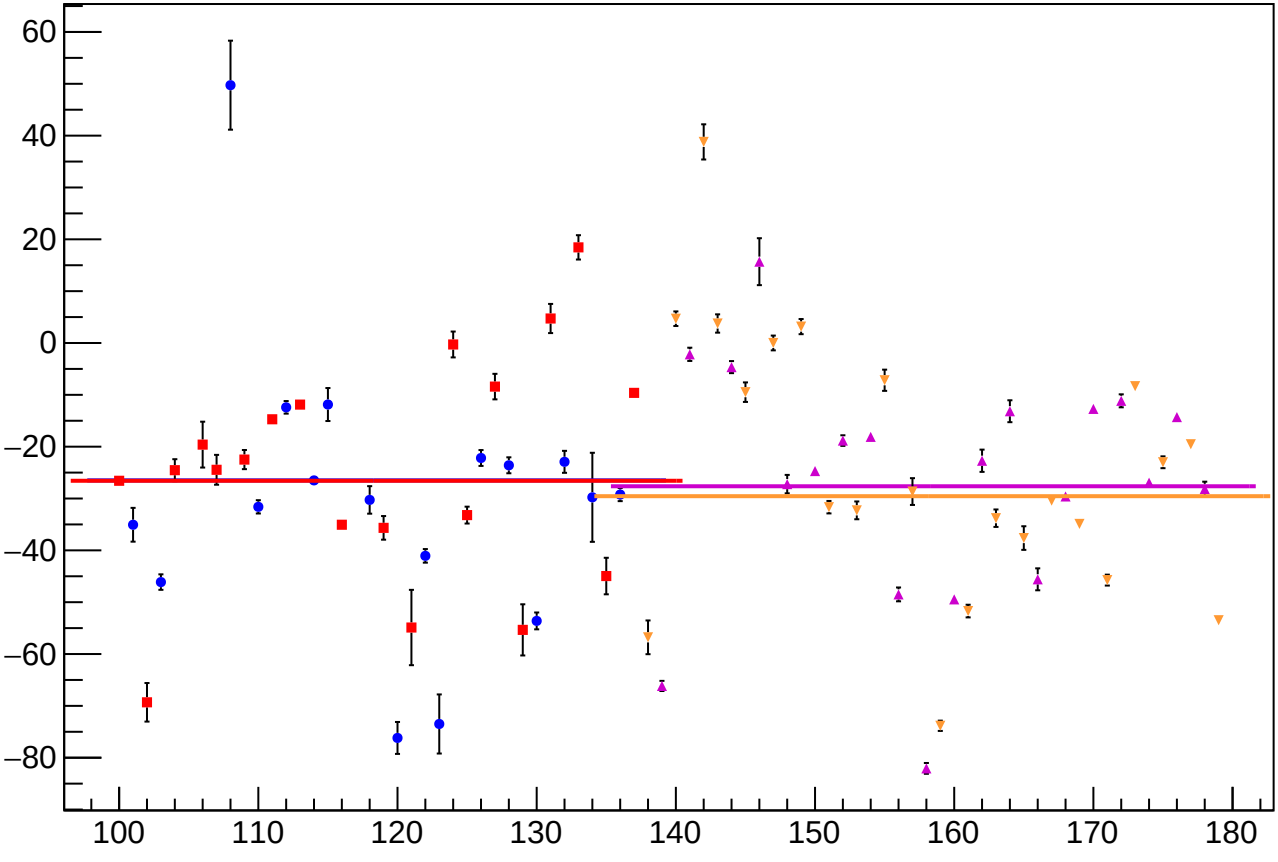
Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:247181458.6/36

Out: -483.800+/-0.000 χ^2/NDF:627339629.7/40

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: -29.552+/-0.251 χ^2/NDF:6950.2/21

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -27.636+/-0.228 χ^2/NDF:7295.9/19

Left: -28.502+/-0.169 χ^2/NDF: 14278.0/41

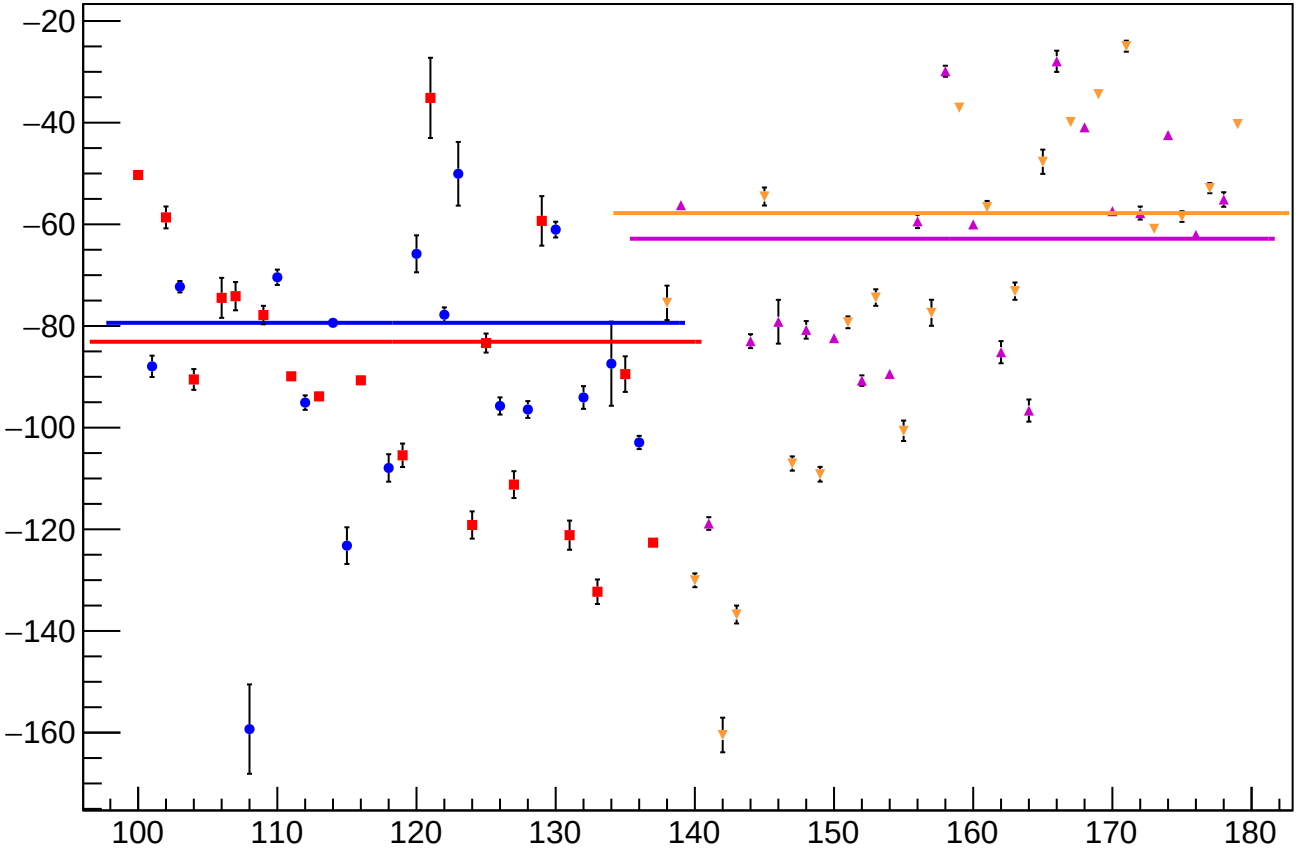
Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:8501.2/36

Out: -26.577+/-0.000 χ^2/NDF:9731.4/40

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: -57.791+/-0.247 χ^2/NDF:12916.6/21

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -62.833+/-0.231 χ^2/NDF:8106.9/19

Left: -60.481+/-0.168 χ^2/NDF: 21246.6/41

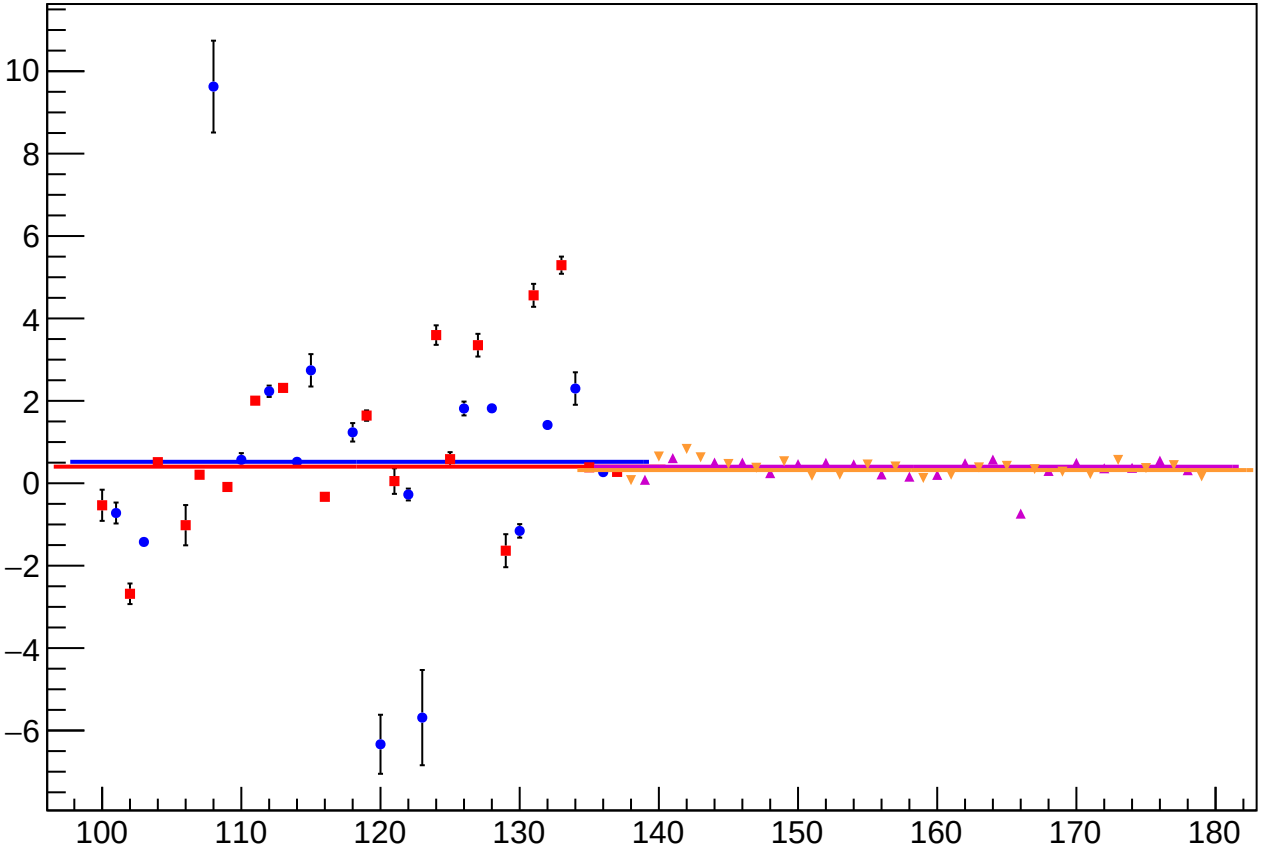
Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:14561.8/36

Out: -74.414+/-0.144 χ^2/NDF:31755.7/40

All: -79.376+/-0.000 χ^2/NDF: 47498.3/77

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.320+/-0.002 χ^2/NDF:10041.3/21

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.402+/-0.002 χ^2/NDF:10572.2/19

Left: 0.364+/-0.001 χ^2/NDF: 21932.8/41

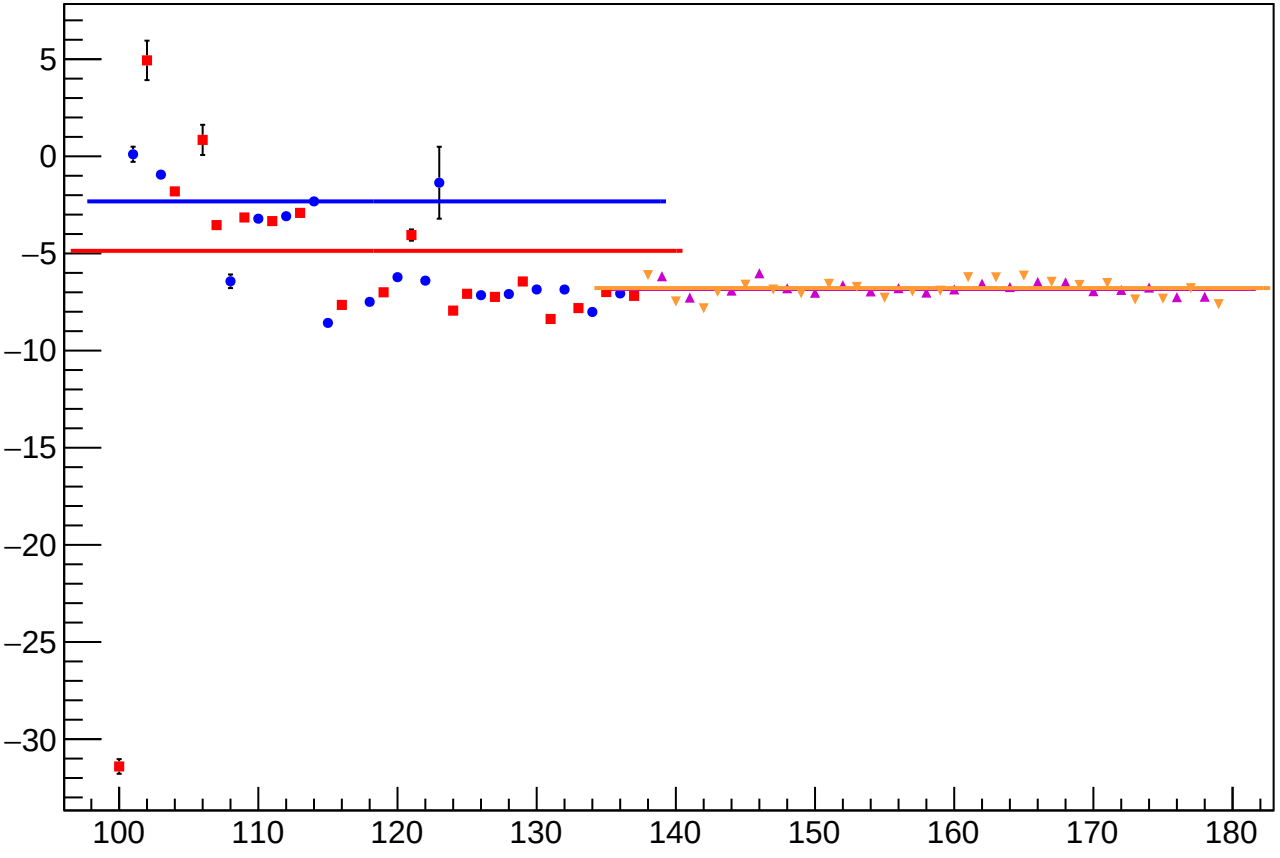
Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:20064.3/36

Out: 0.322+/-0.002 χ^2/NDF:12826.1/40

All: 0.521+/-0.000 χ^2/NDF: 47670.2/77

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.782+/-0.003 χ^2/NDF:12702.2/21

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.829+/-0.002 χ^2/NDF:8541.9/19

Left: -6.806+/-0.002 χ^2/NDF: 21424.0/41

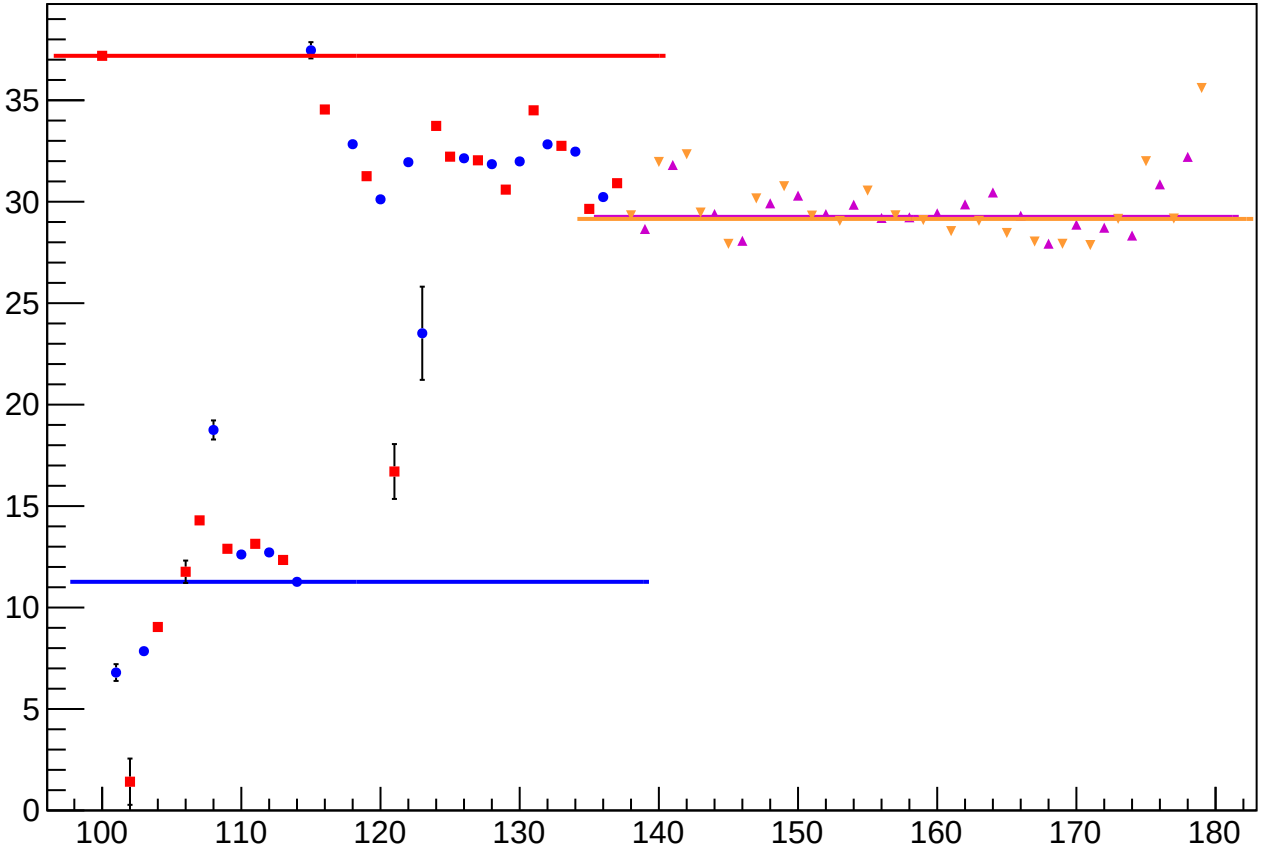
Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:3701799.8/36

Out: -6.672+/-0.002 χ^2/NDF:94739.9/40

All: -2.320+/-0.000 χ^2/NDF: 6927039.3/77

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.152+/-0.009 χ^2/NDF:32991.9/21

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.254+/-0.008 χ^2/NDF:9893.5/19

Left: 29.206+/-0.006 χ^2/NDF: 42959.6/41

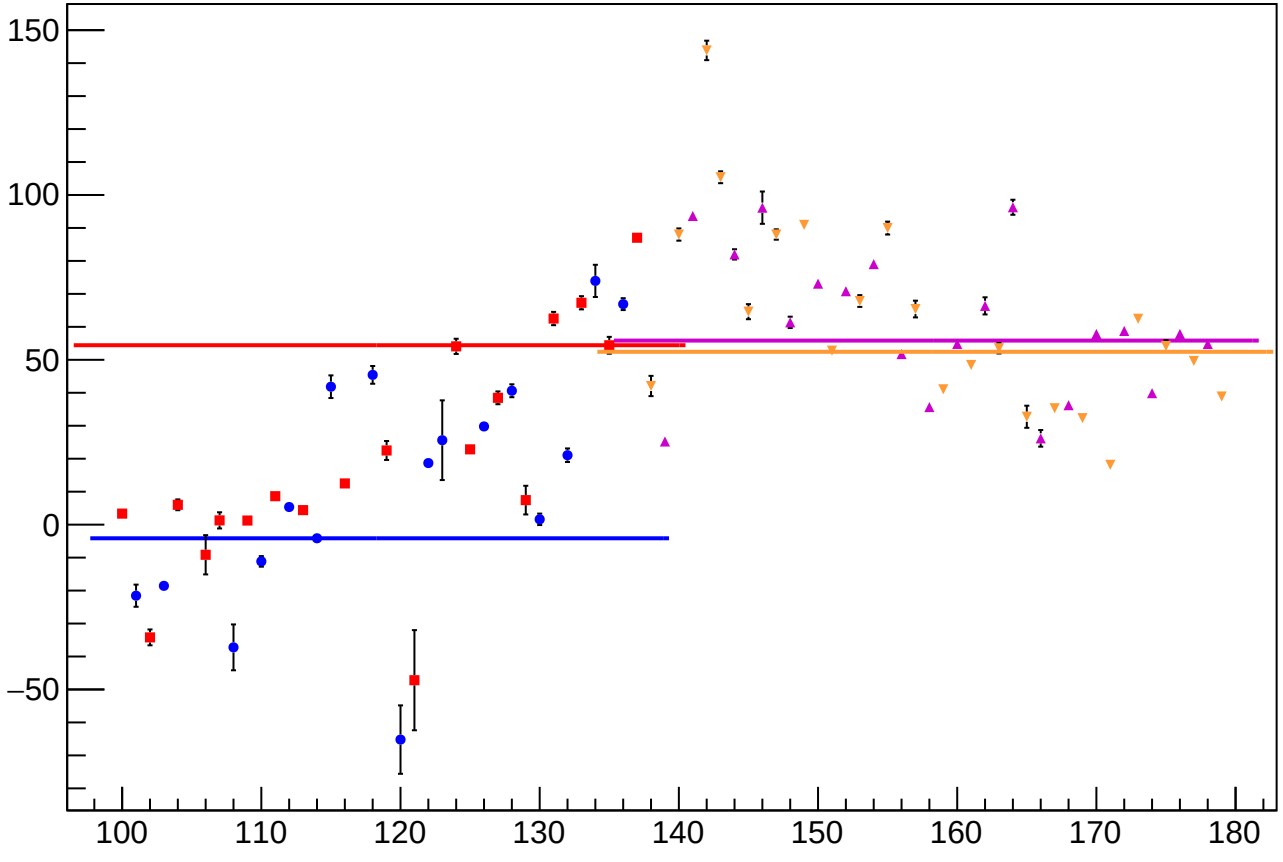
Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:5974554.5/36

Out: 37.191+/-0.000 χ^2/NDF:2030518.7/40

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: 52.434+/-0.285 χ^2/NDF:6110.9/21

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 55.837+/-0.255 χ^2/NDF:5664.2/19

Left: 54.326+/-0.190 χ^2/NDF: 11854.4/41

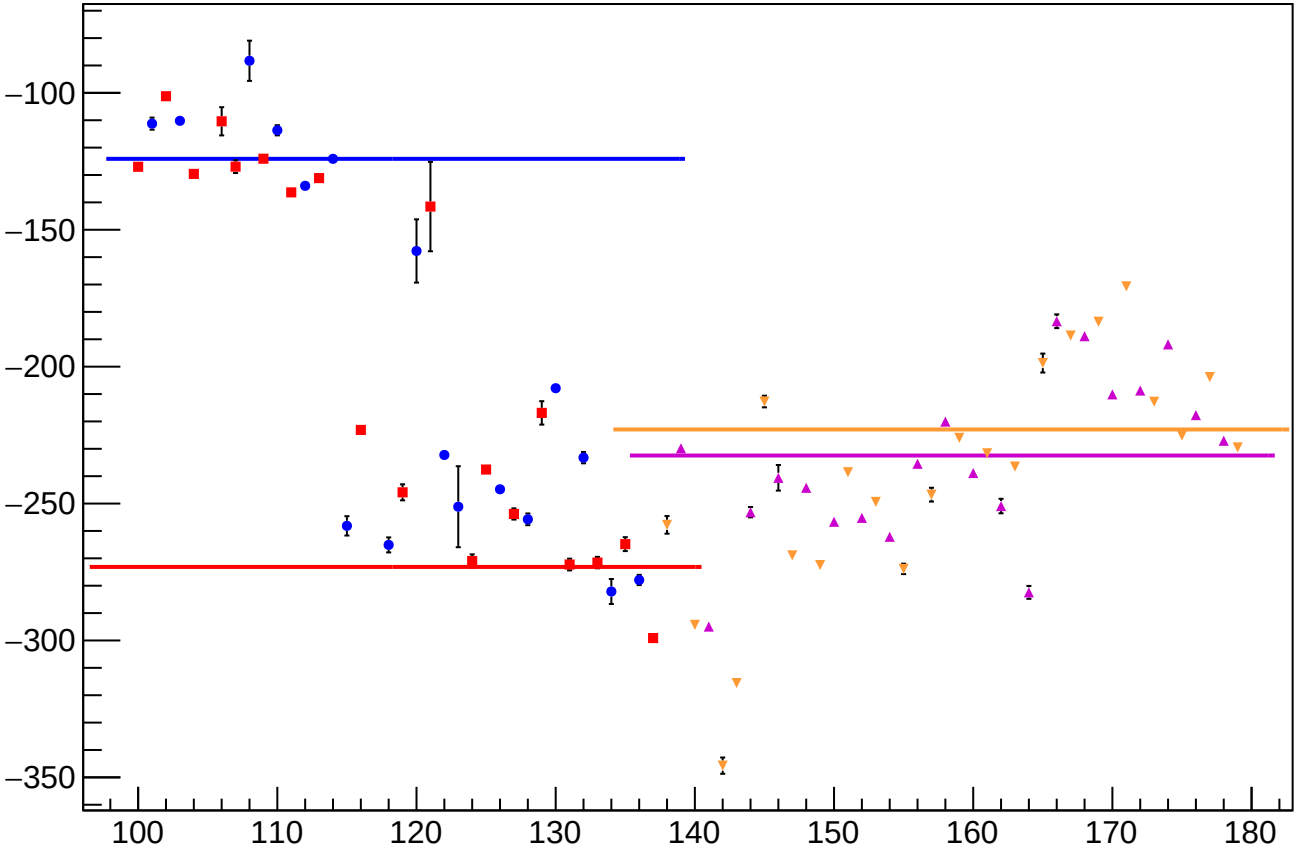
Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:65849.1/36

Out: 53.902+/-0.146 χ^2/NDF:60145.7/40

All: -4.139+/-0.000 χ^2/NDF: 283777.3/77

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -222.934+/-0.282 χ^2/NDF:15466.9/21

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -232.453+/-0.257 χ^2/NDF:11111.7/19

Left: -228.138+/-0.190 χ^2/NDF: 27202.9/41

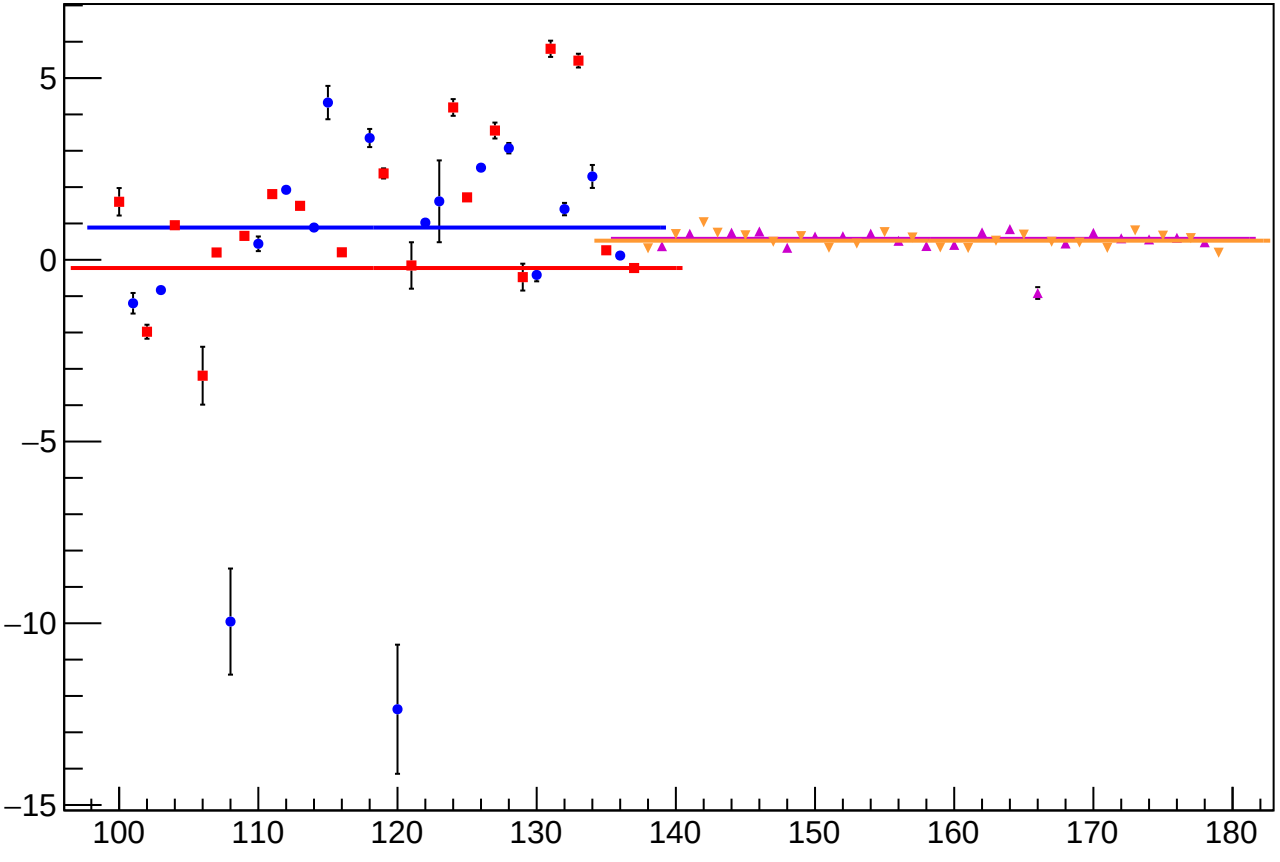
Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:227721.2/36

Out: -266.213+/-0.105 χ^2/NDF:322996.1/40

All: -124.095+/-0.000 χ^2/NDF: 2394939.9/77

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.527+/-0.002 χ^2/NDF:8862.6/21

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.577+/-0.002 χ^2/NDF:4956.1/19

Left: 0.552+/-0.001 χ^2/NDF: 14120.0/41

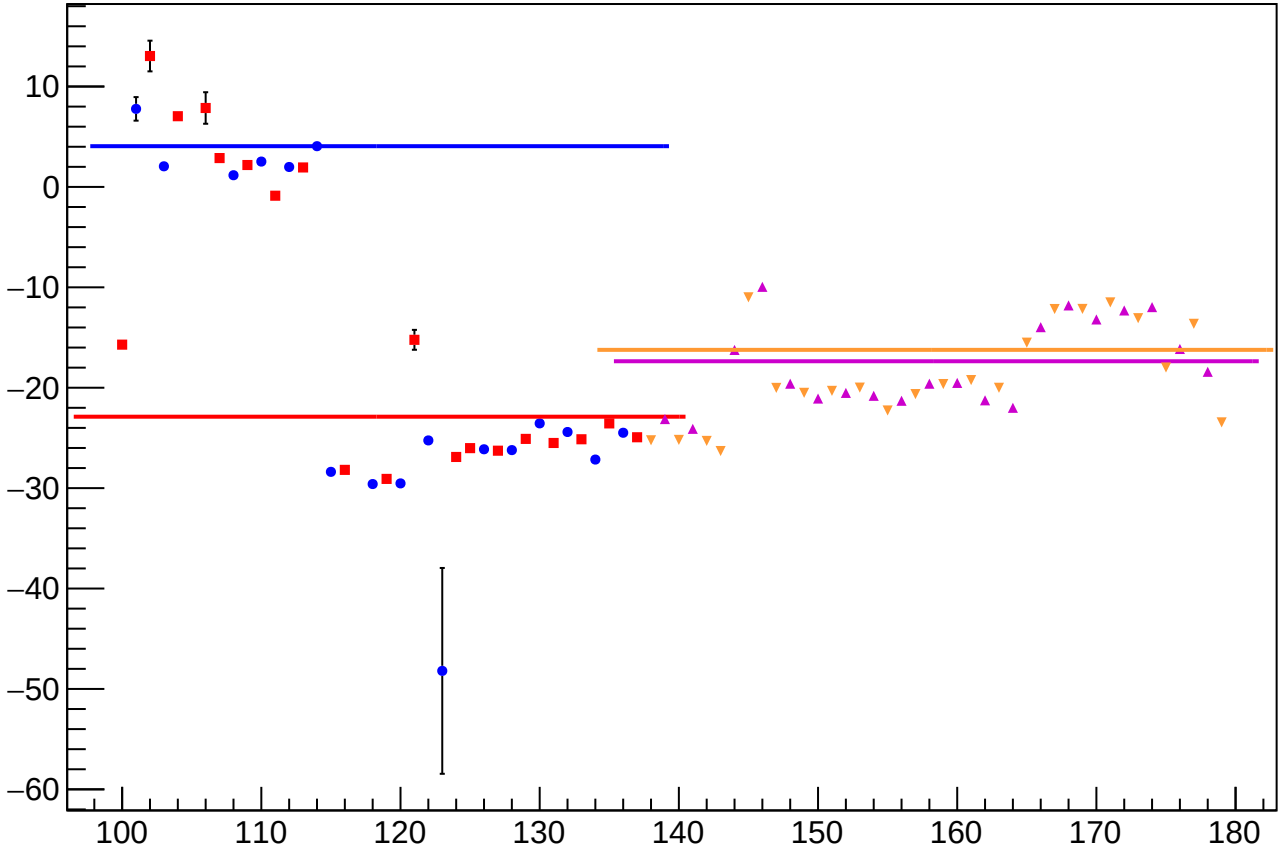
Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:37421.4/36

Out: -0.225+/-0.000 χ^2/NDF:146742.3/40

All: 0.888+/-0.000 χ^2/NDF: 422288737.7/77

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -16.228+/-0.010 χ^2/NDF:184793.8/21

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -17.363+/-0.009 χ^2/NDF:167887.1/19

Left: -16.846+/-0.007 χ^2/NDF: 359248.3/41

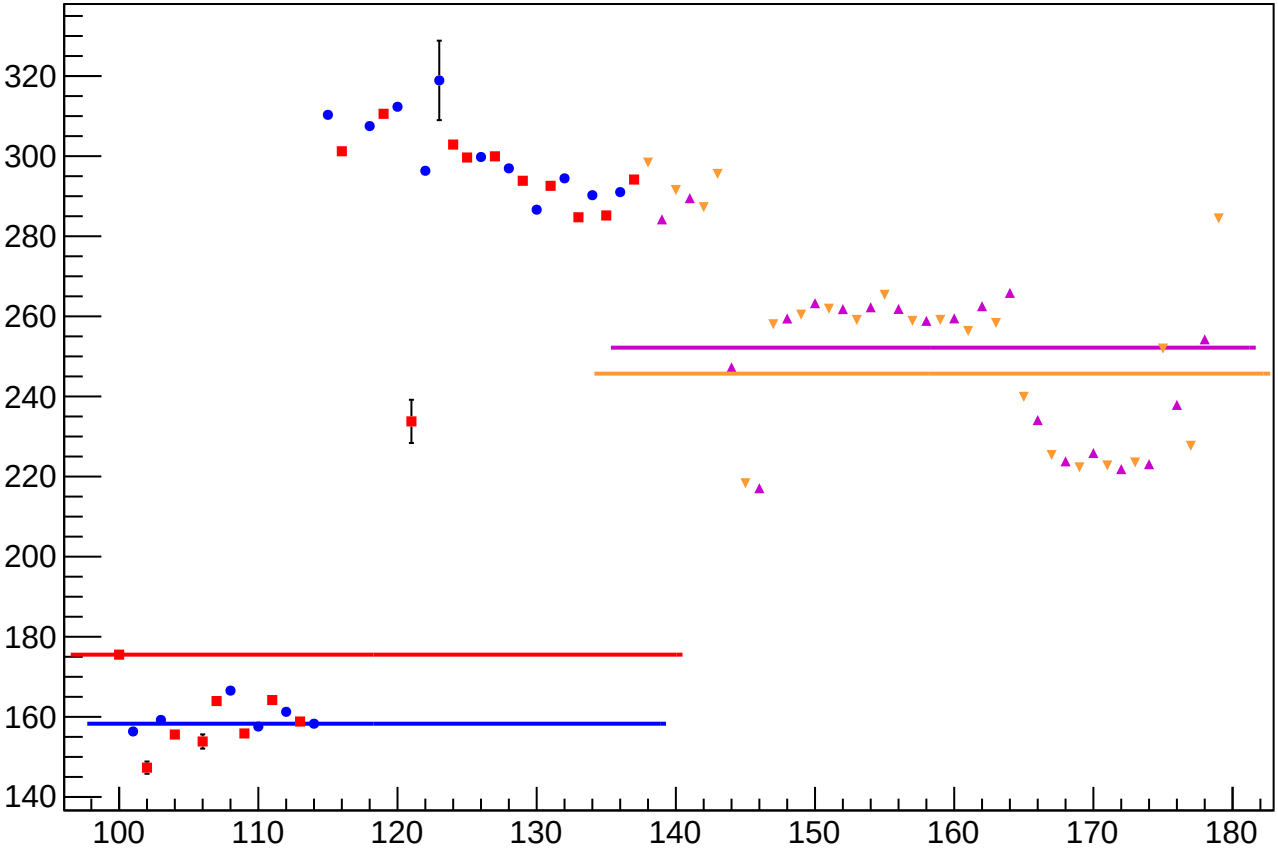
Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:6553510.8/36

Out: -17.117+/-0.010 χ^2/NDF:356729.6/40

All: 4.057+/-0.000 χ^2/NDF: 11758326.2/77

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 245.700+/-0.028 χ^2/NDF:712002.8/21

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 252.185+/-0.029 χ^2/NDF:356447.1/19

Left: 248.845+/-0.020 χ^2/NDF: 1095083.5/41

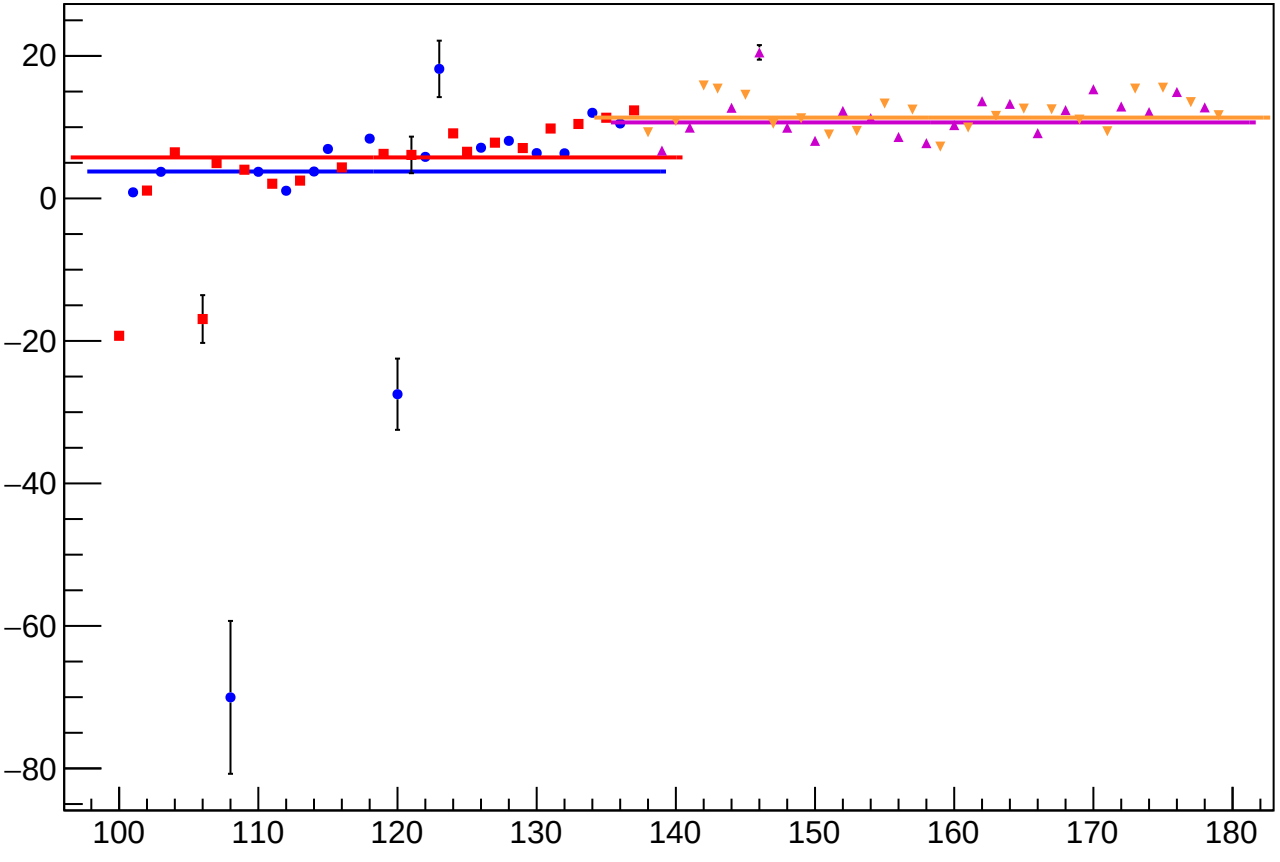
Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:13603839.9/36

Out: 175.536+/-0.000 χ^2/NDF:9239659.1/40

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: 11.347+/-0.031 χ^2/NDF:4234.3/21

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 10.669+/-0.029 χ^2/NDF:9298.4/19

Left: 10.984+/-0.021 χ^2/NDF: 13794.6/41

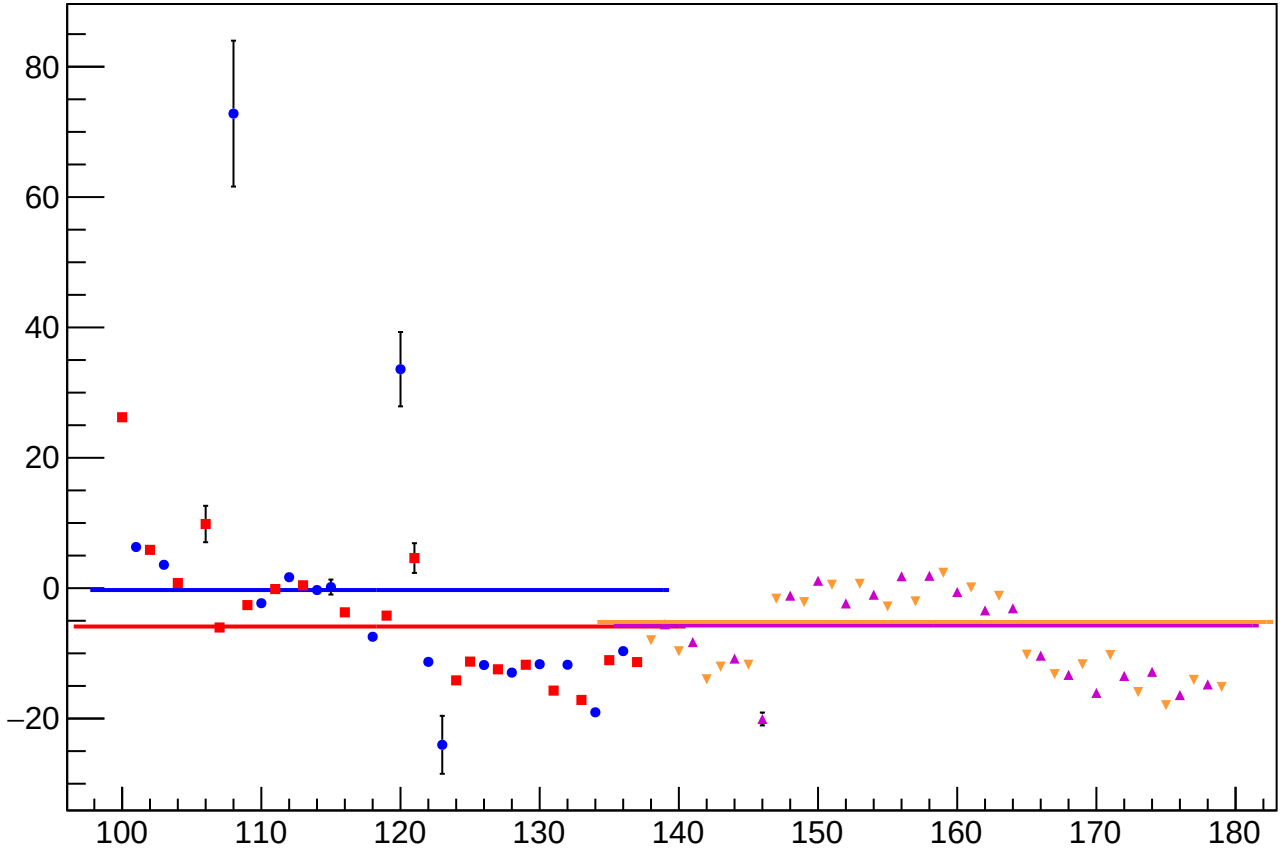
Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:74399.6/36

Out: 8.069+/-0.020 χ^2/NDF:46017.0/40

All: 3.778+/-0.000 χ^2/NDF: 167733.7/77

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -5.183+/-0.031 χ^2/NDF:39803.4/21

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -5.727+/-0.029 χ^2/NDF:51692.5/19

Left: -5.470+/-0.021 χ^2/NDF: 91661.3/41

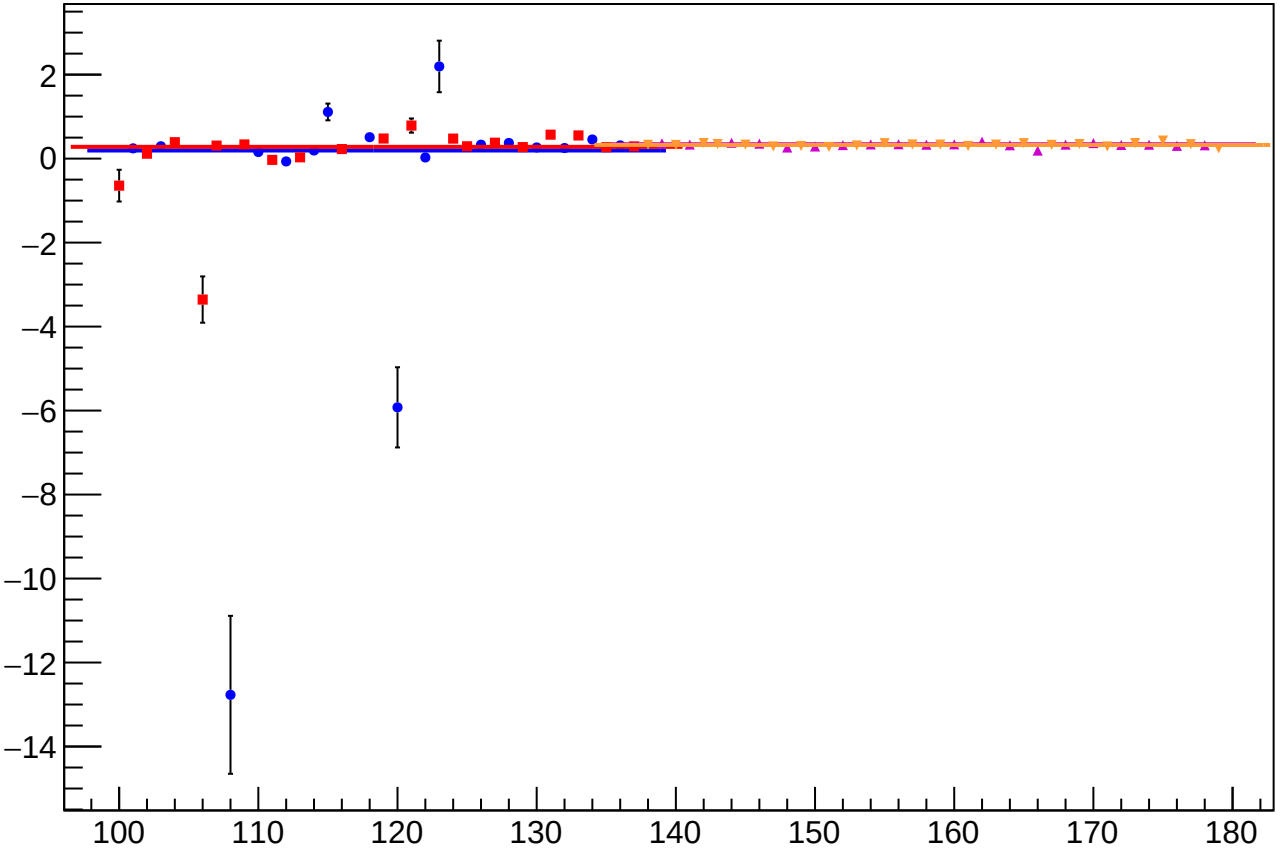
Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:130976.3/36

Out: -5.574+/-0.020 χ^2/NDF:103587.6/40

All: -0.287+/-0.000 χ^2/NDF: 302038.7/77

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:2605.4/21

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.342+/-0.001 χ^2/NDF:3560.7/19

Left: 0.334+/-0.000 χ^2/NDF: 6638.6/41

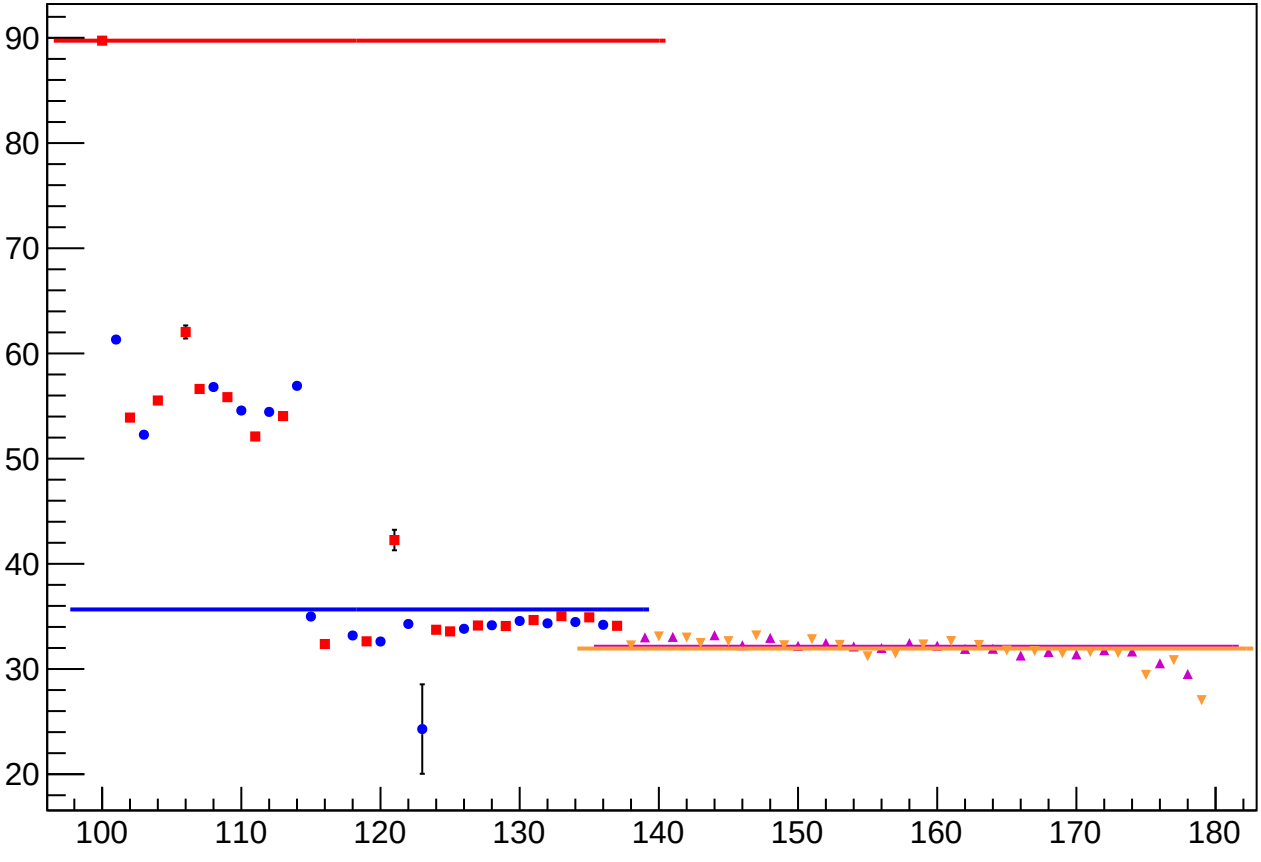
Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:89336.6/36

Out: 0.320+/-0.001 χ^2/NDF:9465.1/40

All: 0.193+/-0.000 χ^2/NDF: 157552.1/77

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 31.948+/-0.003 χ^2/NDF:44463.9/21

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.118+/-0.003 χ^2/NDF:15537.0/19

Left: 32.027+/-0.002 χ^2/NDF: 61289.5/41

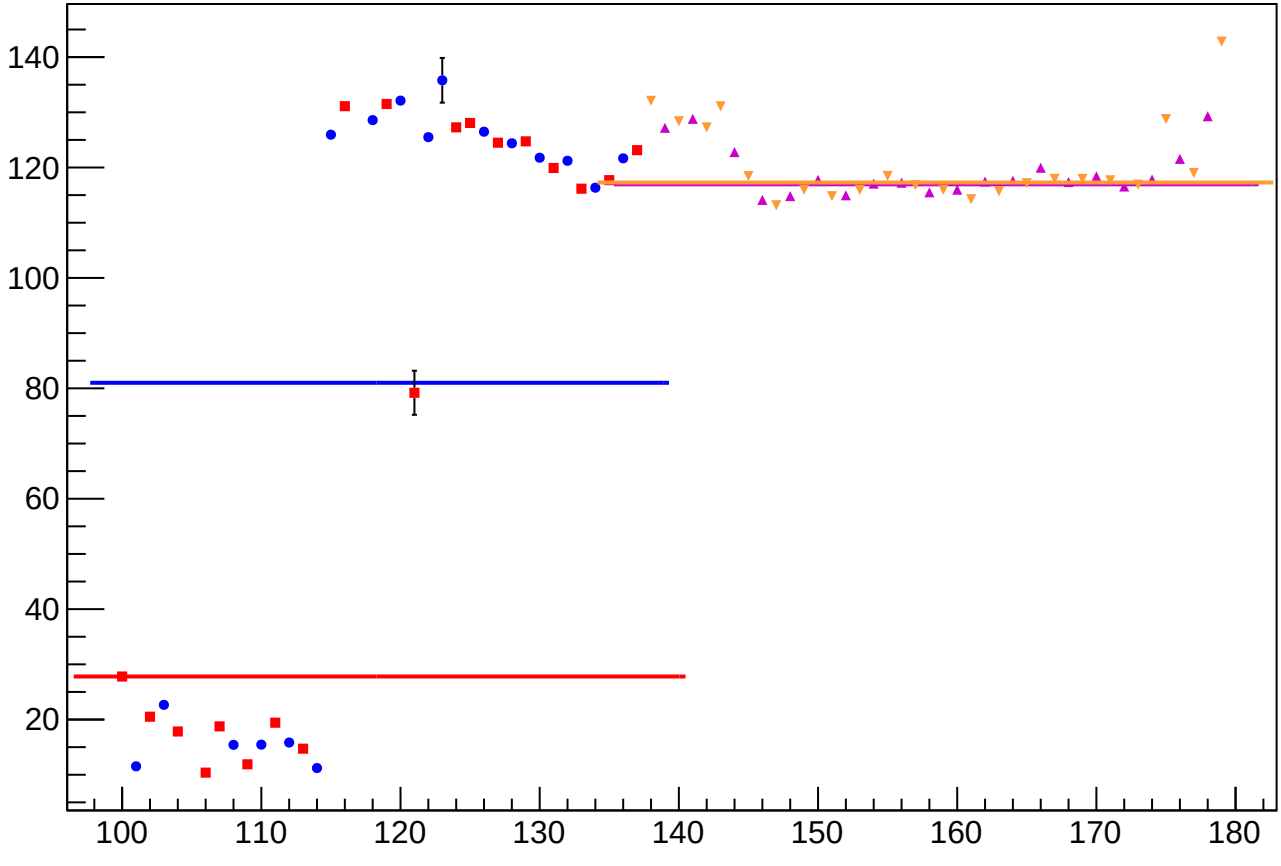
Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 32.418+/-0.003 χ^2/NDF:323309.4/36

Out: 89.735+/-0.000 χ^2/NDF:350077275.8/40

All: 89.735+/-0.000 χ^2/NDF: 650985146.7/77

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 117.286+/-0.008 χ^2/NDF:164787.3/21

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 116.959+/-0.009 χ^2/NDF:45005.4/19

Left: 117.141+/-0.006 χ^2/NDF: 210555.0/41

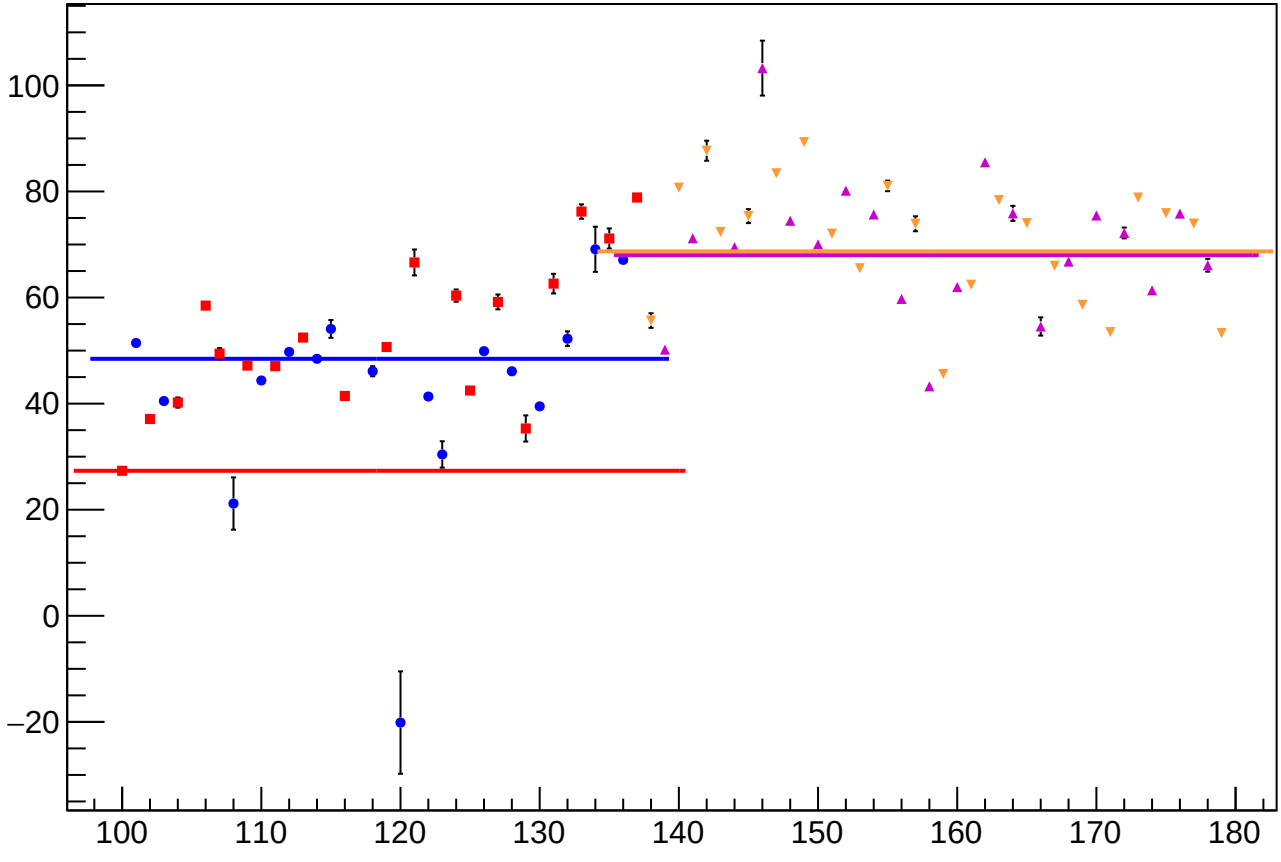
Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 114.742+/-0.009 χ^2/NDF:3291087.6/36

Out: 27.798+/-0.000 χ^2/NDF:137800622.7/40

All: 27.798+/-0.000 χ^2/NDF: 243920835.1/77

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 68.702+/-0.147 χ^2/NDF:6491.4/21

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 68.005+/-0.137 χ^2/NDF:5285.5/19

Left: 68.329+/-0.100 χ^2/NDF: 11788.9/41

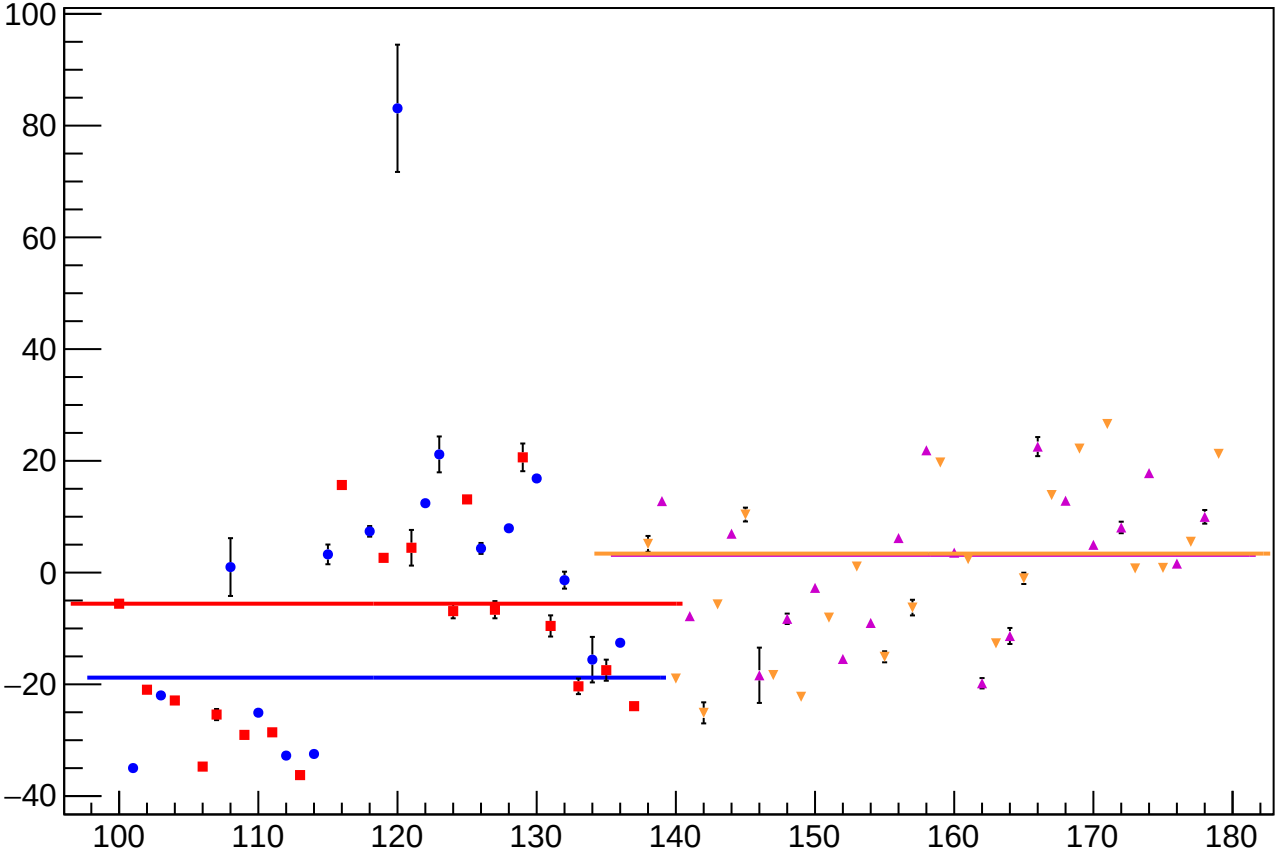
Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:28453.1/36

Out: 27.342+/-0.000 χ^2/NDF:111512.9/40

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: 3.397+/-0.147 χ^2/NDF:9783.3/21

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: 3.172+/-0.138 χ^2/NDF:5677.6/19

Left: 3.278+/-0.100 χ^2/NDF: 15462.2/41

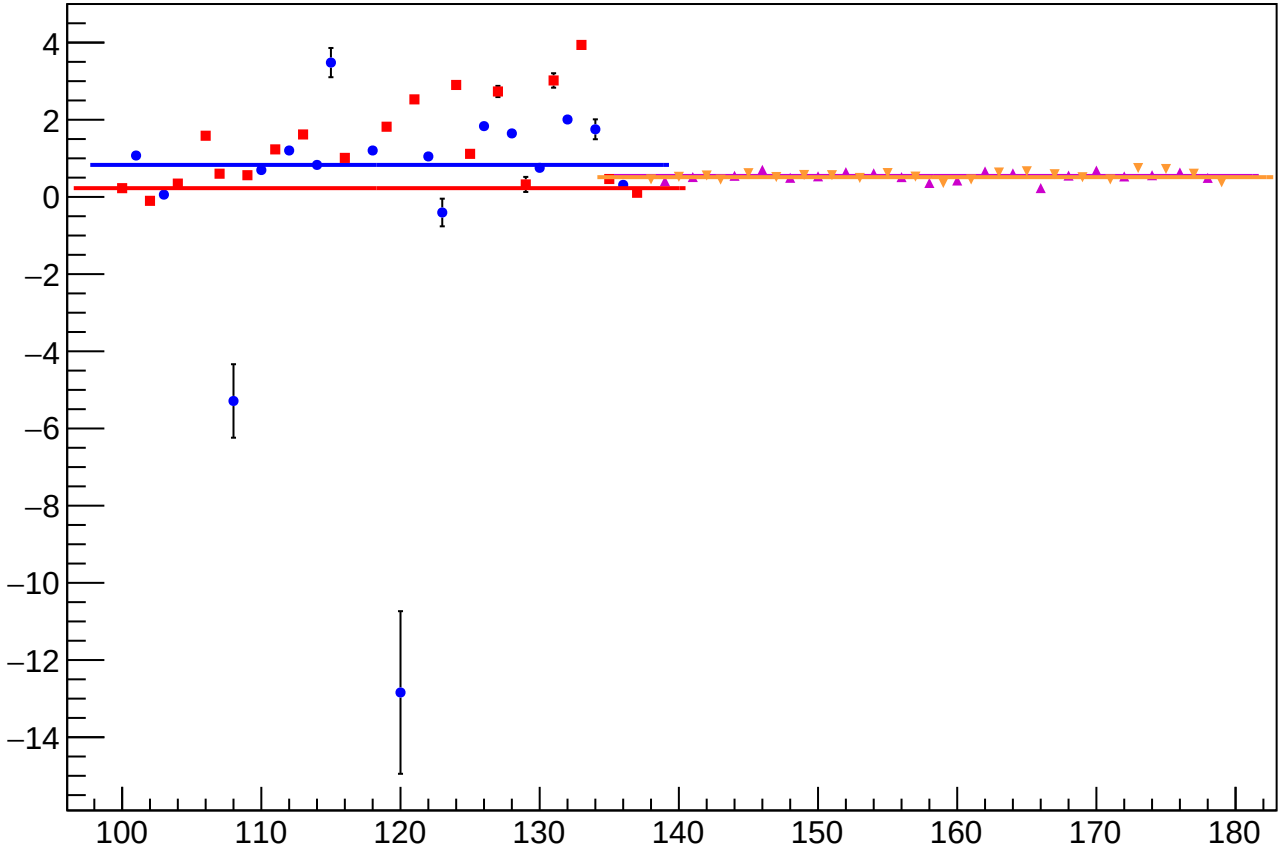
Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -6.978+/-0.101 χ^2/NDF:29231.6/36

Out: -5.568+/-0.000 χ^2/NDF:36610.1/40

All: -5.568+/-0.000 χ^2/NDF: 66037.0/77

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.512+/-0.001 χ^2/NDF:14966.7/21

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.544+/-0.001 χ^2/NDF:11073.6/19

Left: 0.529+/-0.001 χ^2/NDF: 26560.8/41

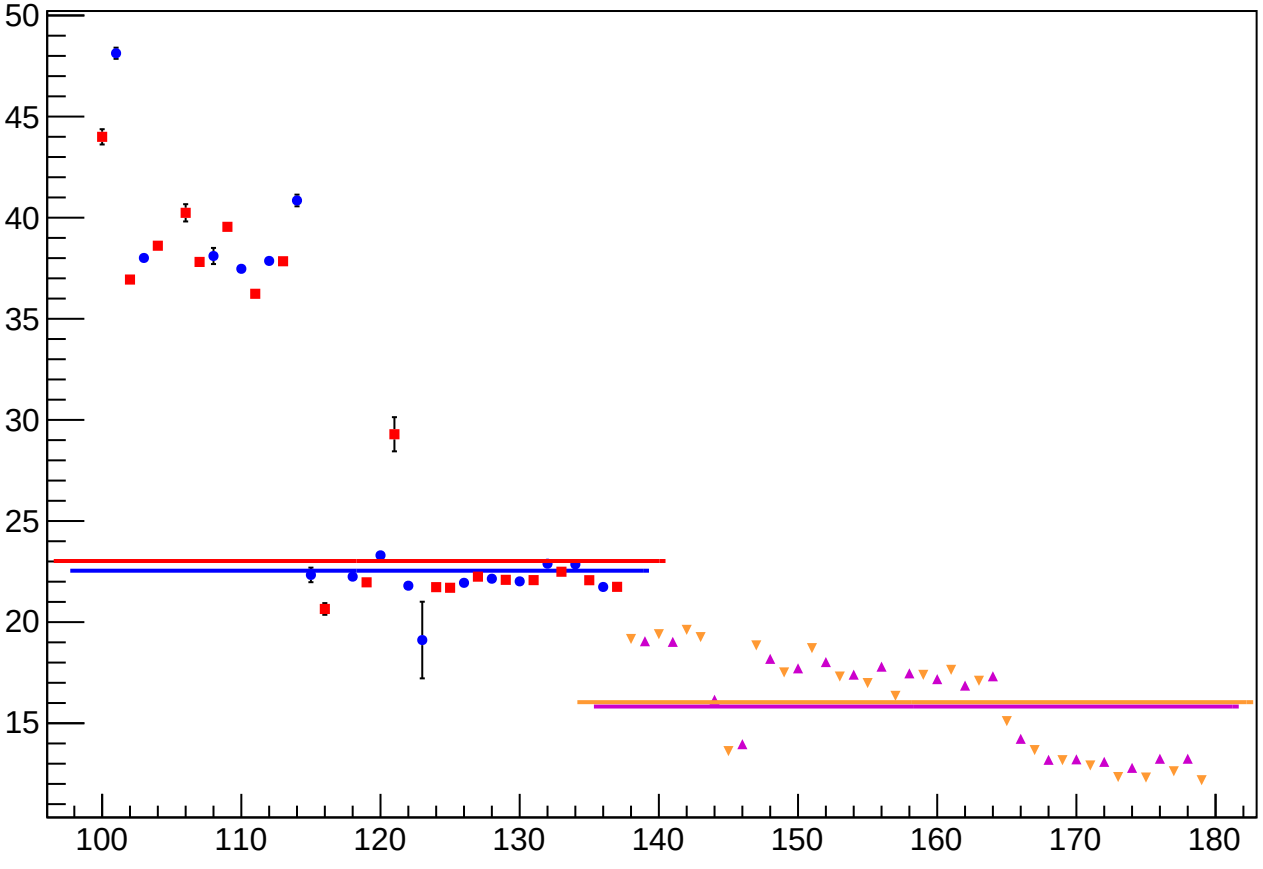
Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:113882.7/36

Out: 0.227+/-0.000 χ^2/NDF:107748.9/40

All: 0.289+/-0.000 χ^2/NDF: 29066082561457

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 16.042+/-0.005 χ^2/NDF:272675.0/21

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 15.827+/-0.005 χ^2/NDF:197233.1/19

Left: 15.945+/-0.004 χ^2/NDF: 470809.9/41

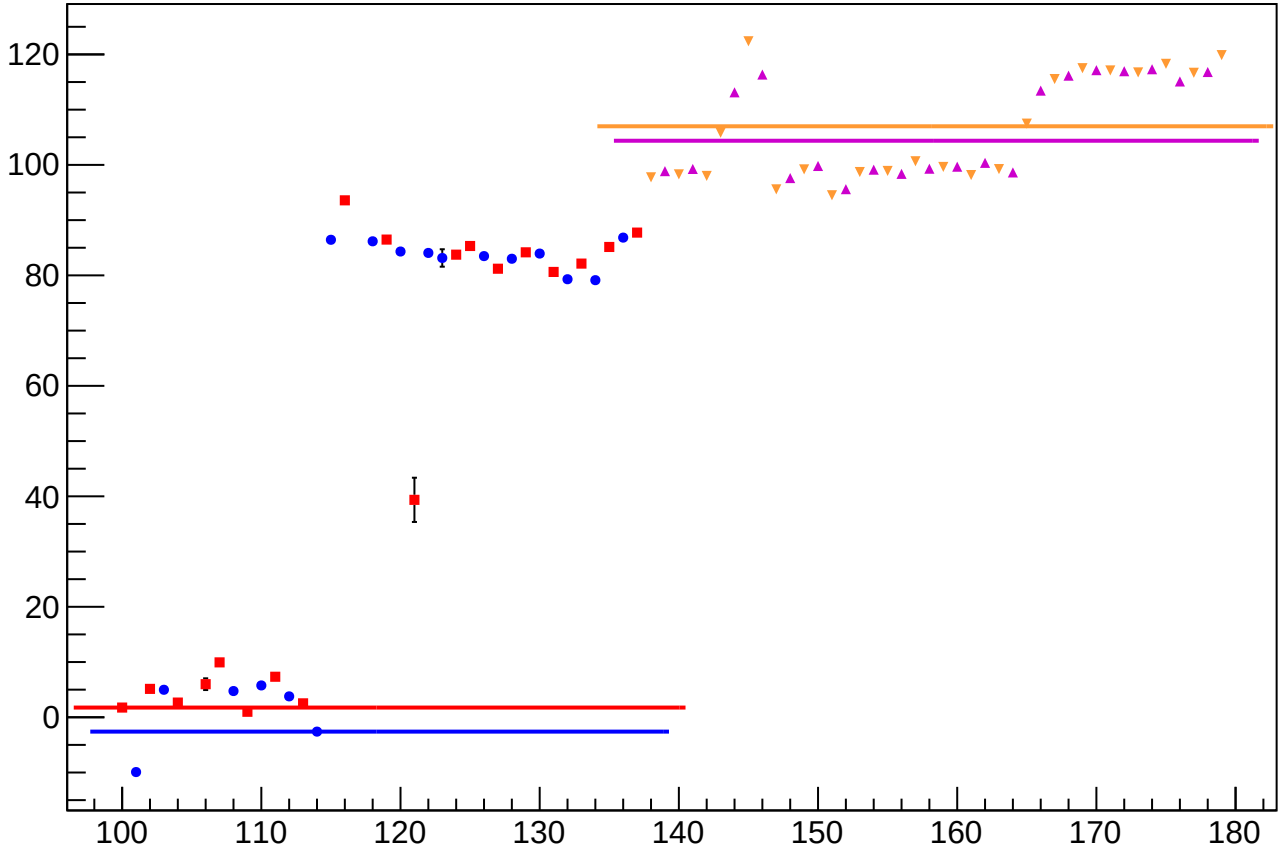
Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 17.482+/-0.005 χ^2/NDF:694803.3/36

Out: 17.586+/-0.004 χ^2/NDF:902235.8/40

All: 17.539+/-0.003 χ^2/NDF: 1597313.4/77

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 106.990+/-0.010 χ^2/NDF:931069.5/21

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 104.373+/-0.011 χ^2/NDF:609338.6/19

Left: 105.789+/-0.007 χ^2/NDF: 1573089.5/41

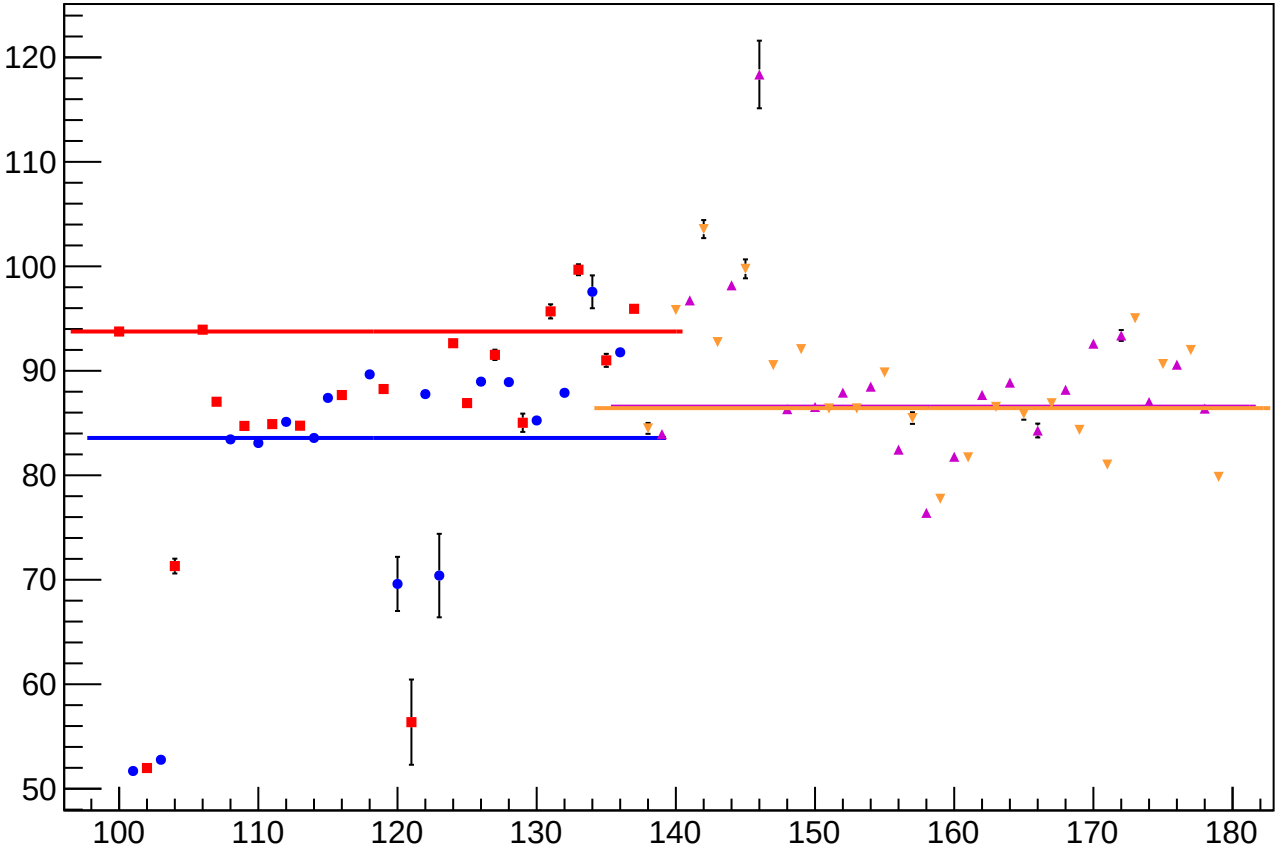
Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:108871803.7/36

Out: 1.758+/-0.000 χ^2/NDF:120337150.9/40

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: 86.429+/-0.063 χ^2/NDF:8422.6/21

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 86.571+/-0.055 χ^2/NDF:7626.5/19

Left: 86.510+/-0.041 χ^2/NDF: 16052.0/41

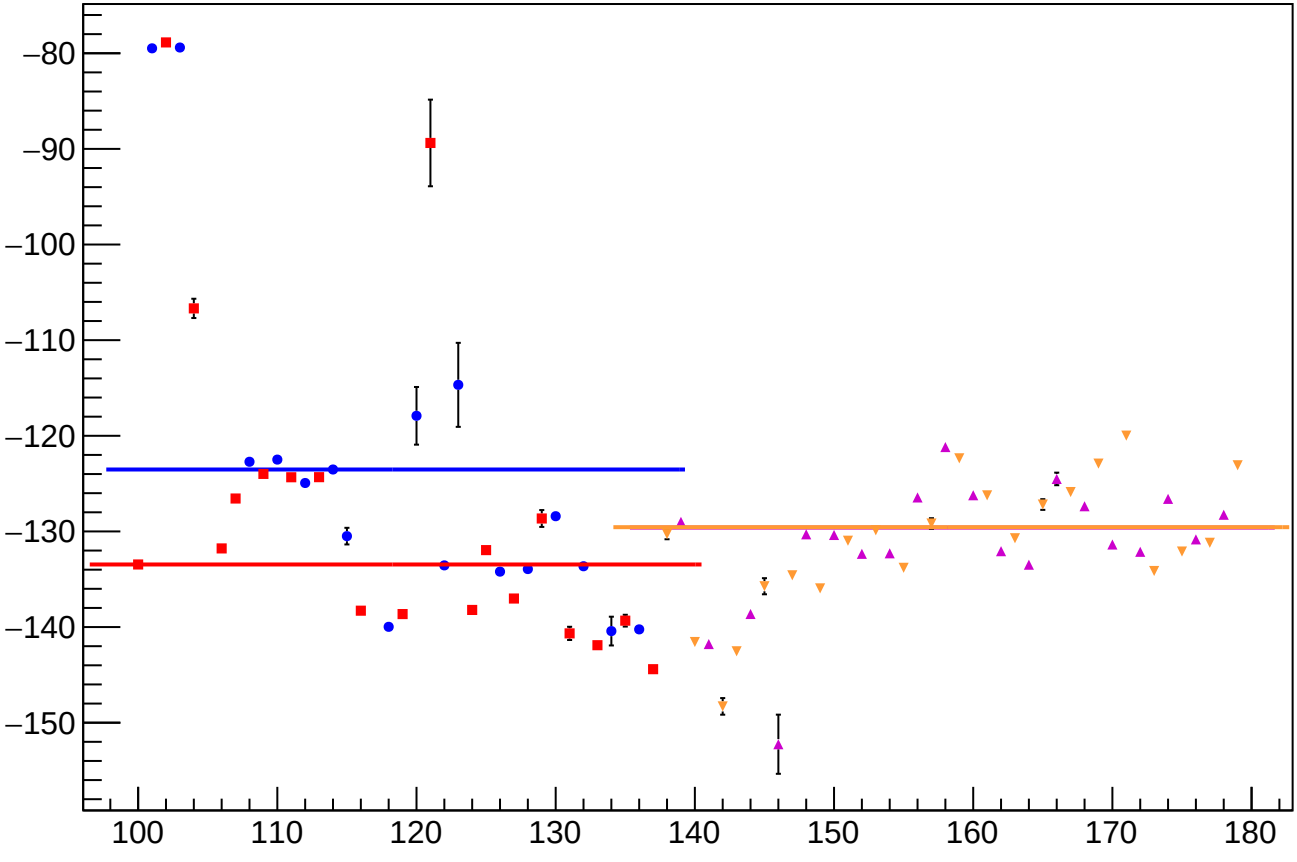
Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:60072.3/36

Out: 93.762+/-0.000 χ^2/NDF:104981.3/40

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: -129.556+/-0.062 χ^2/NDF:10705.4/21

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -129.599+/-0.055 χ^2/NDF:5654.6/19

Left: -129.580+/-0.041 χ^2/NDF: 16360.2/41

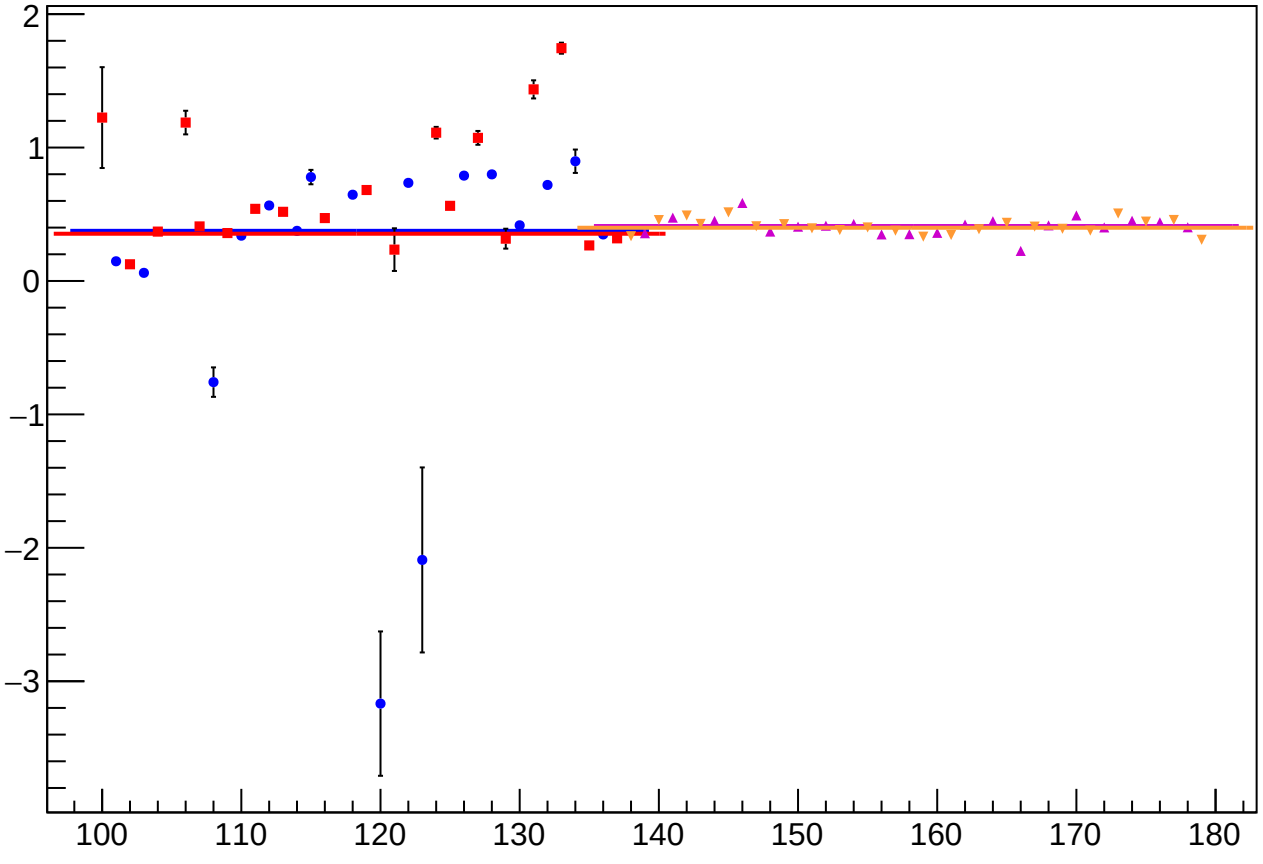
Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:178360.7/36

Out: -133.456+/-0.000 χ^2/NDF:409561.5/40

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: 0.399+/-0.001 χ^2/NDF:8500.4/21

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.412+/-0.000 χ^2/NDF:8164.3/19

Left: 0.406+/-0.000 χ^2/NDF: 17005.6/41

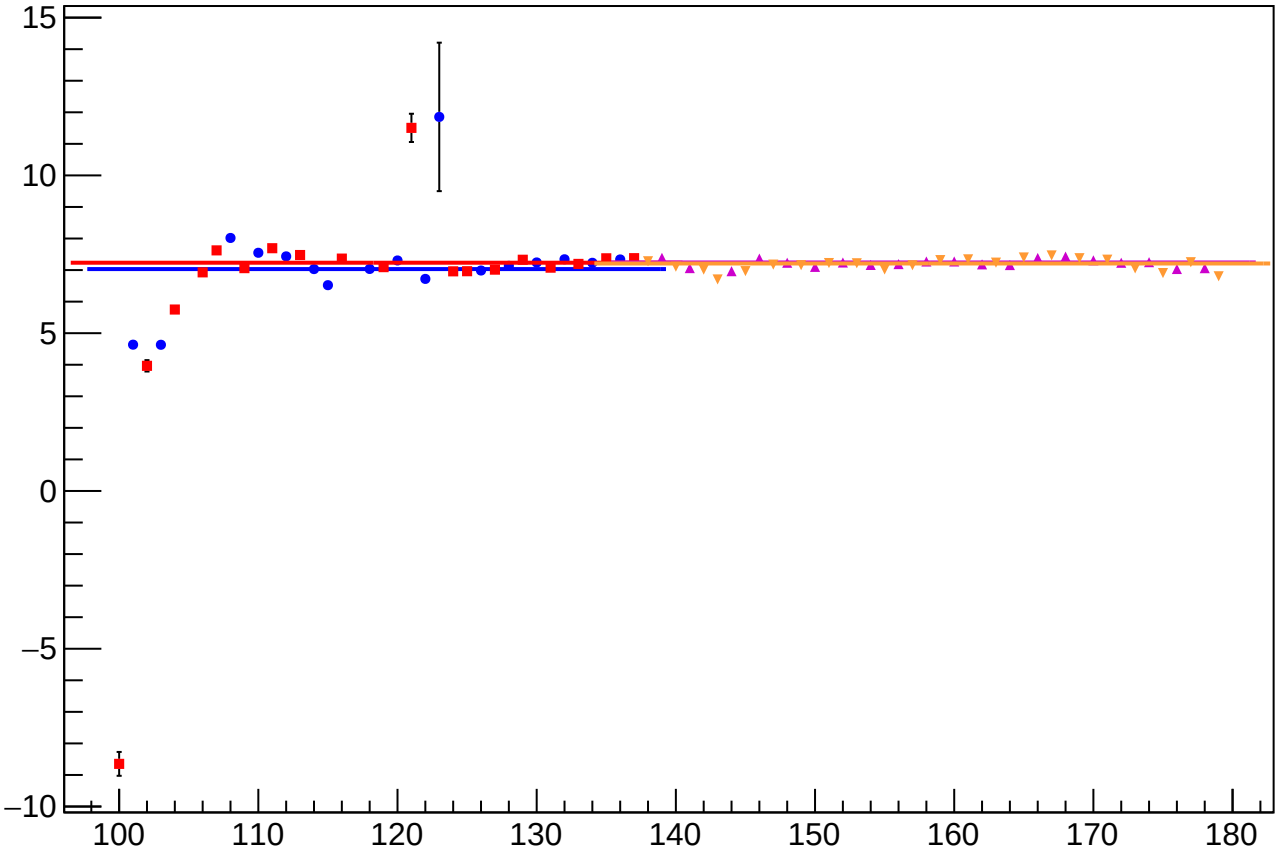
Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:18212.2/36

Out: 0.394+/-0.000 χ^2/NDF:13888.1/40

All: 0.376+/-0.000 χ^2/NDF: 33570.4/77

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.209+/-0.001 χ^2/NDF:33011.7/21

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.242+/-0.001 χ^2/NDF:18600.8/19

Left: 7.226+/-0.001 χ^2/NDF: 52313.2/41

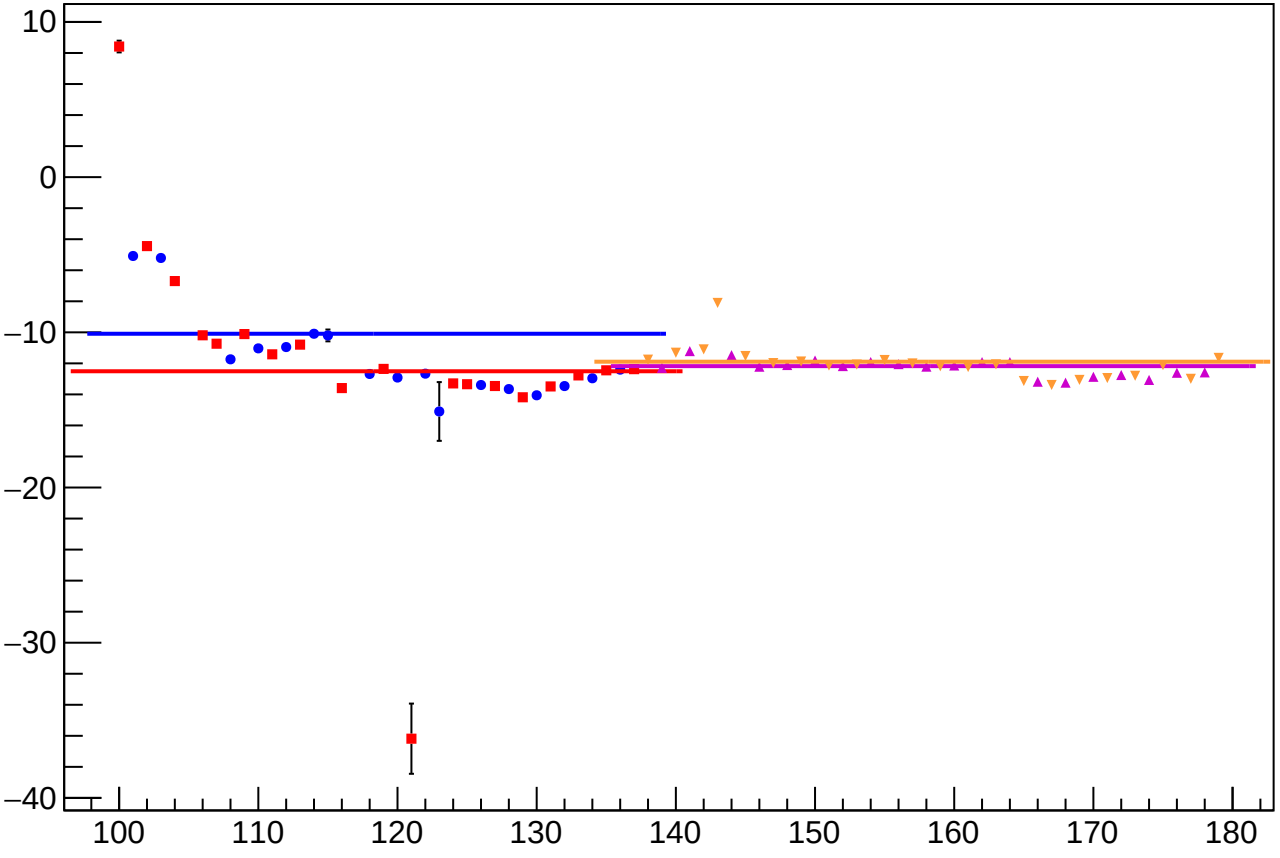
Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:100466.4/36

Out: 7.212+/-0.001 χ^2/NDF:43165.6/40

All: 7.032+/-0.000 χ^2/NDF: 188078.2/77

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.893+/-0.002 χ^2/NDF:497183.8/21

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -12.178+/-0.002 χ^2/NDF:48295.0/19

Left: -12.034+/-0.001 χ^2/NDF: 559140.7/41

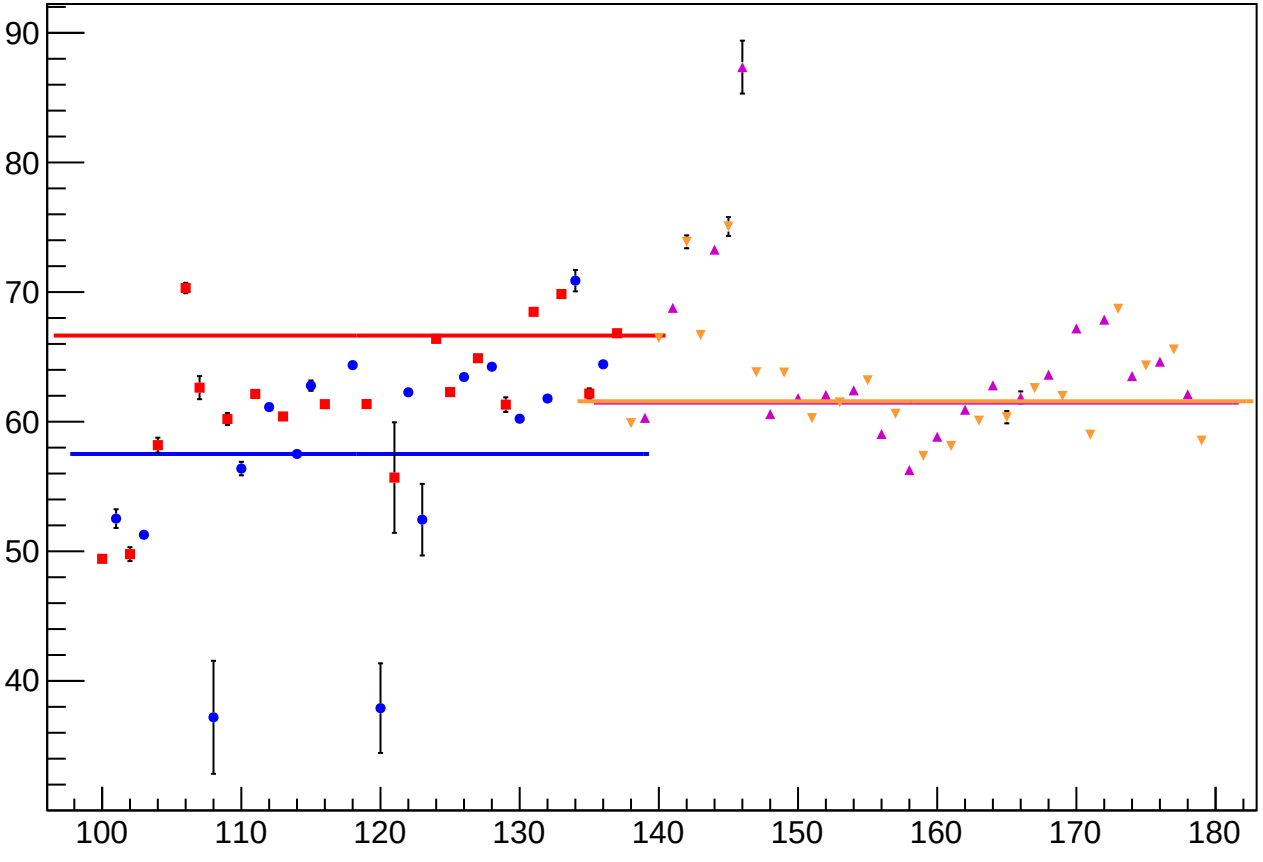
Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:2032306.1/36

Out: -12.000+/-0.002 χ^2/NDF:622994.0/40

All: -10.092+/-0.000 χ^2/NDF: 4146933.3/77

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.576+/-0.040 χ^2/NDF:7684.6/21

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 61.472+/-0.034 χ^2/NDF:8278.5/19

Left: 61.516+/-0.026 χ^2/NDF: 15967.1/41

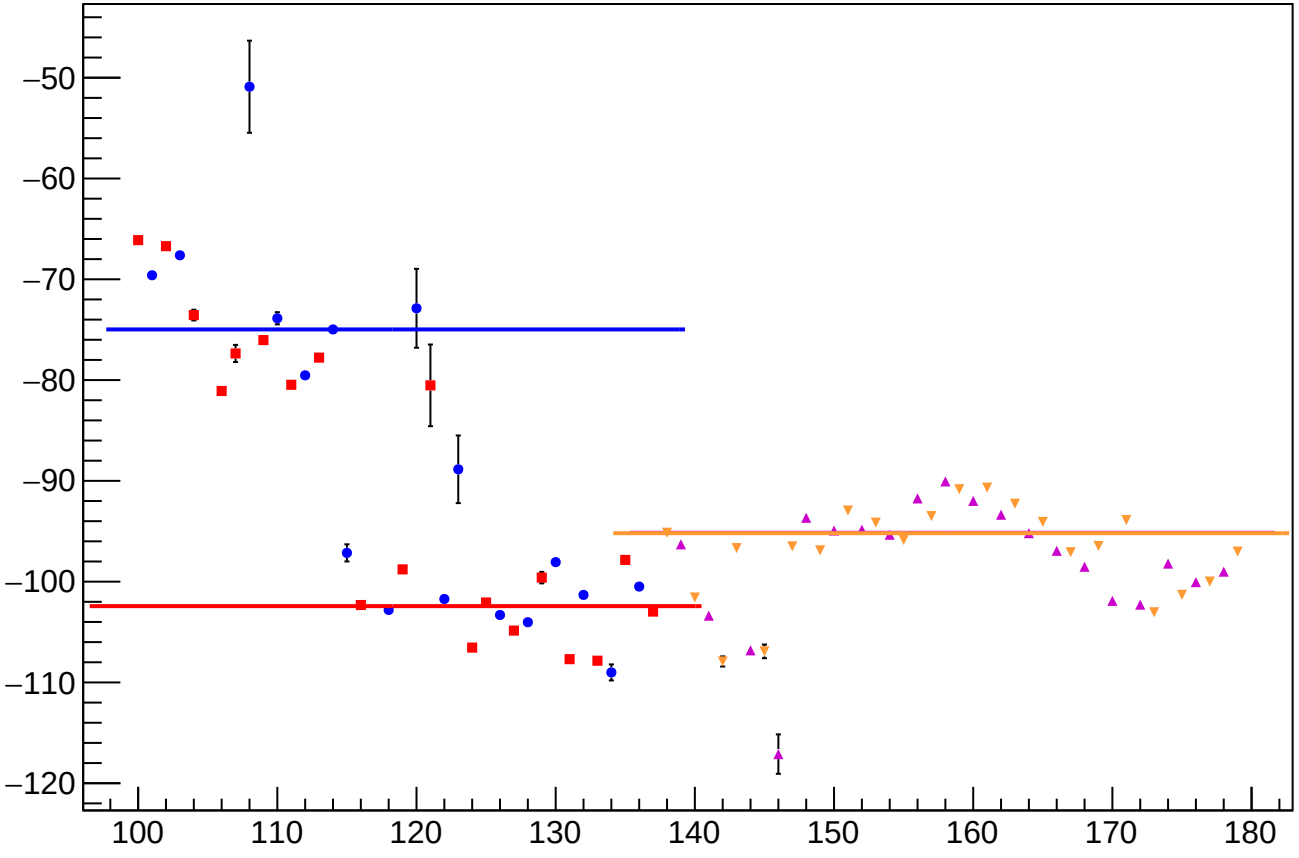
Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:30239.0/36

Out: 66.148+/-0.012 χ^2/NDF:30586.0/40

All: 57.510+/-0.000 χ^2/NDF: 544764.6/77

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -95.193+/-0.039 χ^2/NDF:8964.1/21

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -95.153+/-0.034 χ^2/NDF:10648.1/19

Left: -95.170+/-0.026 χ^2/NDF: 19612.8/41

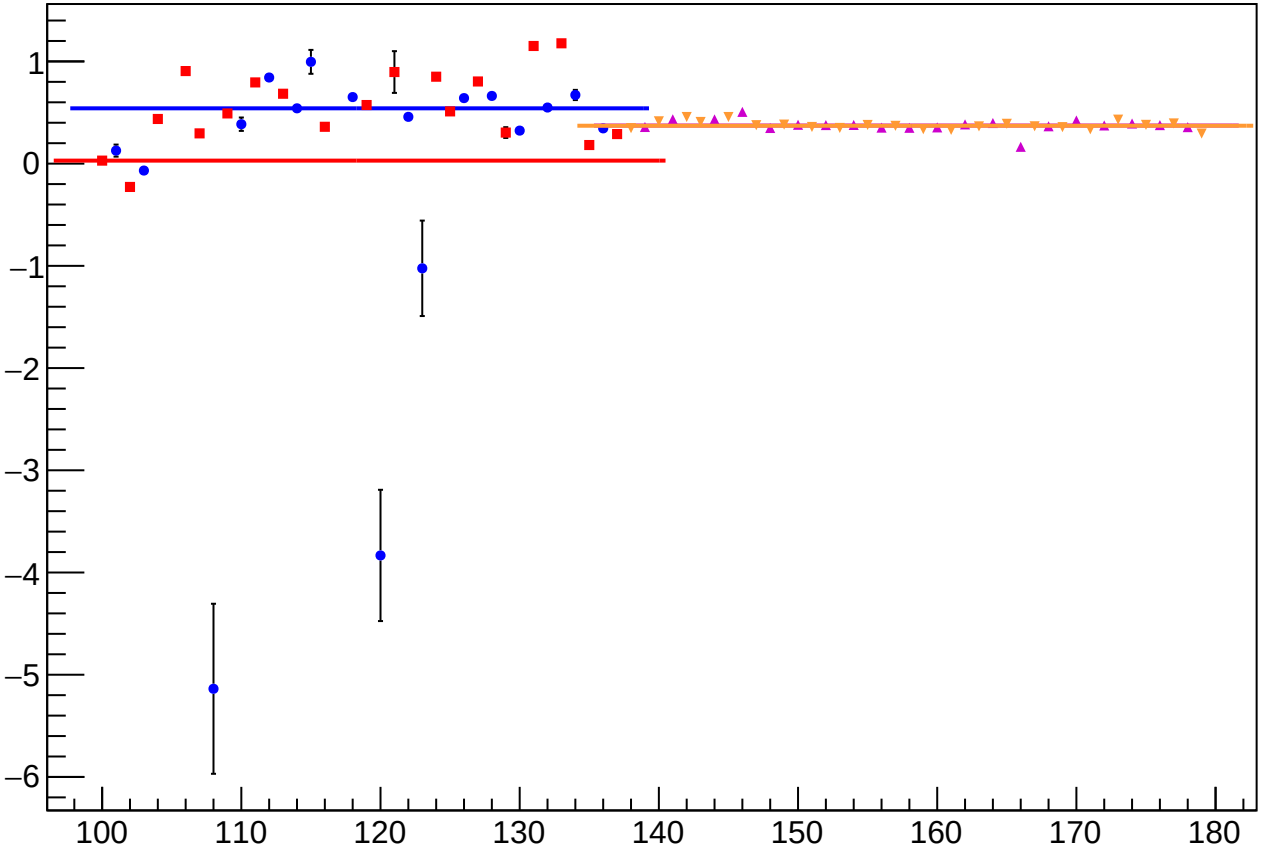
Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:488376.3/36

Out: -101.206+/-0.016 χ^2/NDF:87267.6/40

All: -74.974+/-0.000 χ^2/NDF: 3185637.8/77

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:6479.5/21

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.373+/-0.000 χ^2/NDF:5902.9/19

Left: 0.372+/-0.000 χ^2/NDF: 12397.5/41

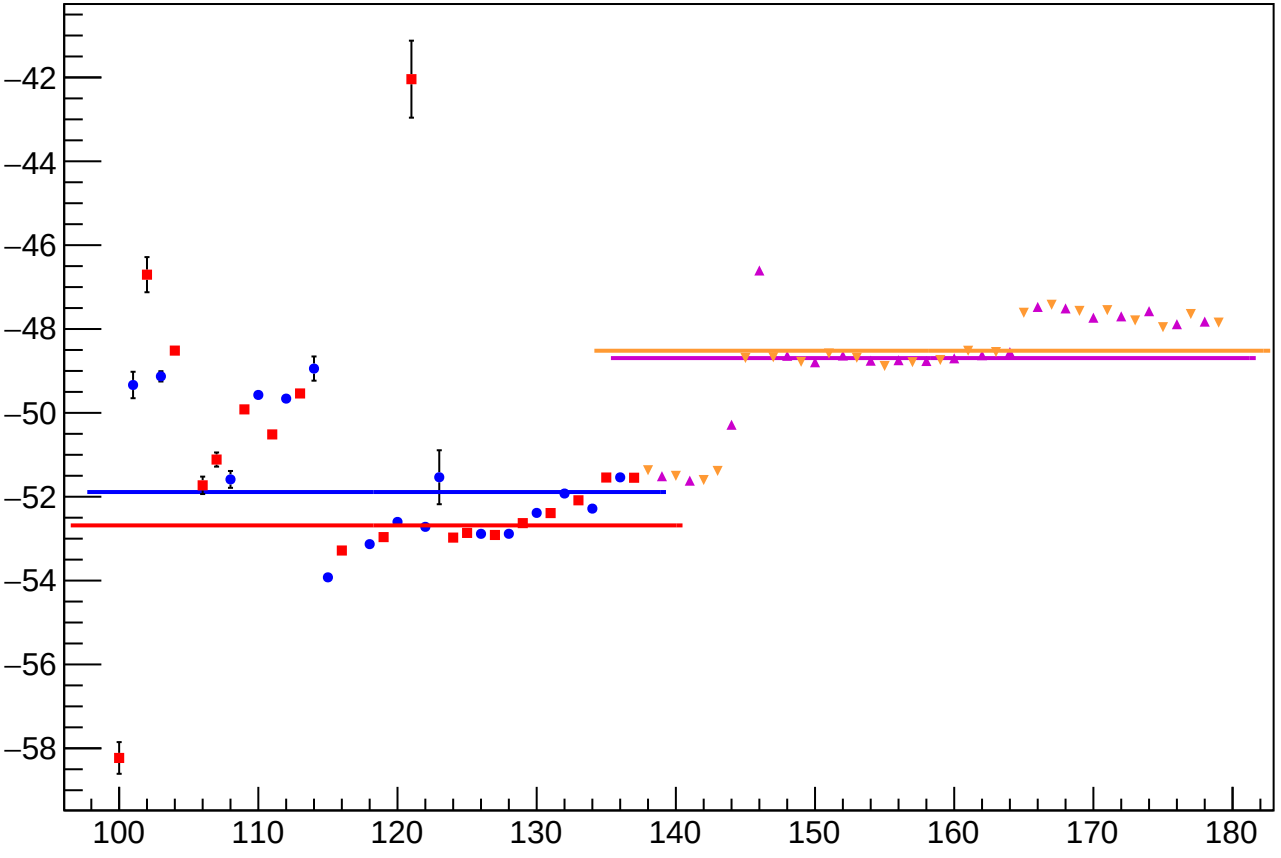
Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:329002.2/36

Out: 0.030+/-0.000 χ^2/NDF:954608.0/40

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: -48.518+/-0.001 χ^2/NDF:686692.0/21

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -48.694+/-0.001 χ^2/NDF:785397.0/19

Left: -48.617+/-0.001 χ^2/NDF: 1486960.9/41

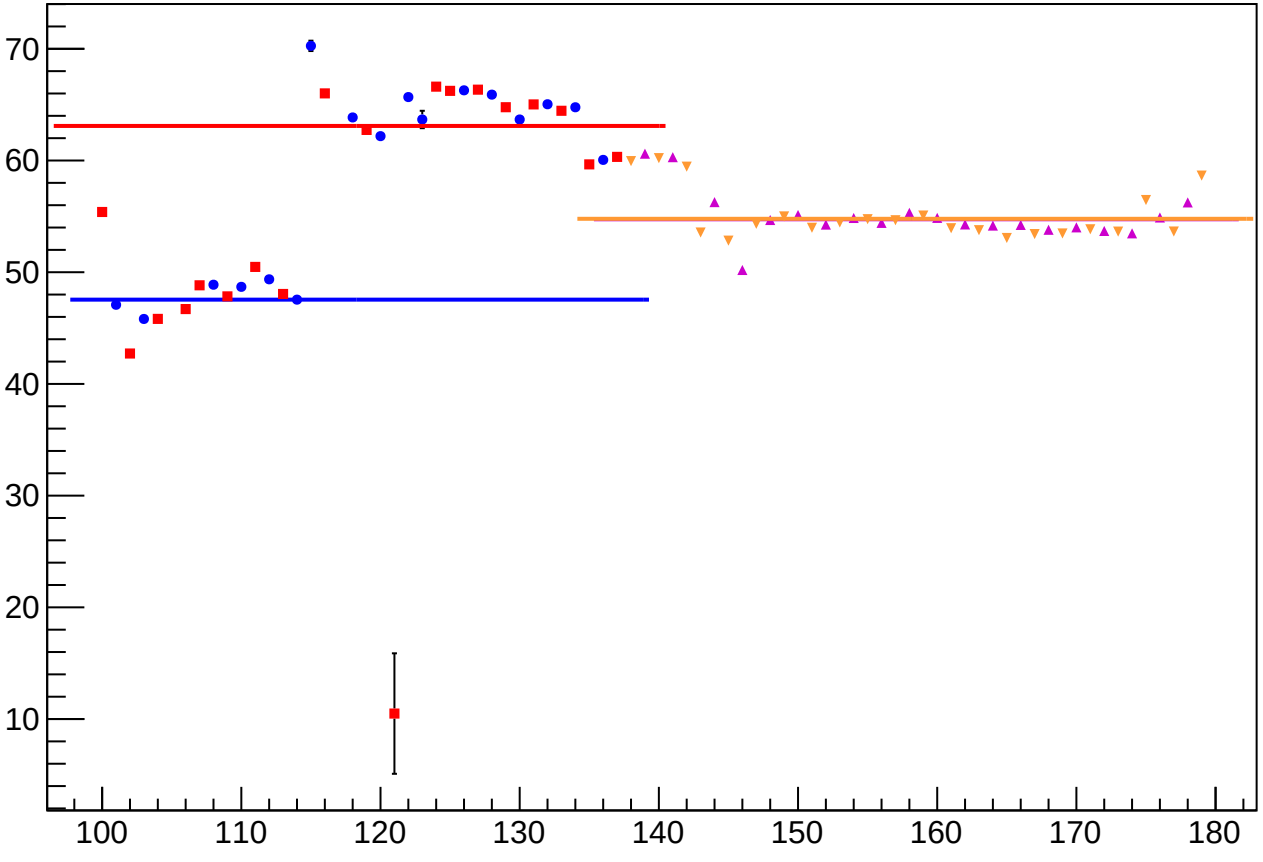
Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -49.185+/-0.001 χ^2/NDF:2602241.3/36

Out: -49.150+/-0.001 χ^2/NDF:2989789.9/40

All: -49.170+/-0.001 χ^2/NDF: 5592717.0/77

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 54.782+/-0.003 χ^2/NDF:295457.1/21

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.738+/-0.003 χ^2/NDF:93953.3/19

Left: 54.757+/-0.002 χ^2/NDF: 389537.6/41

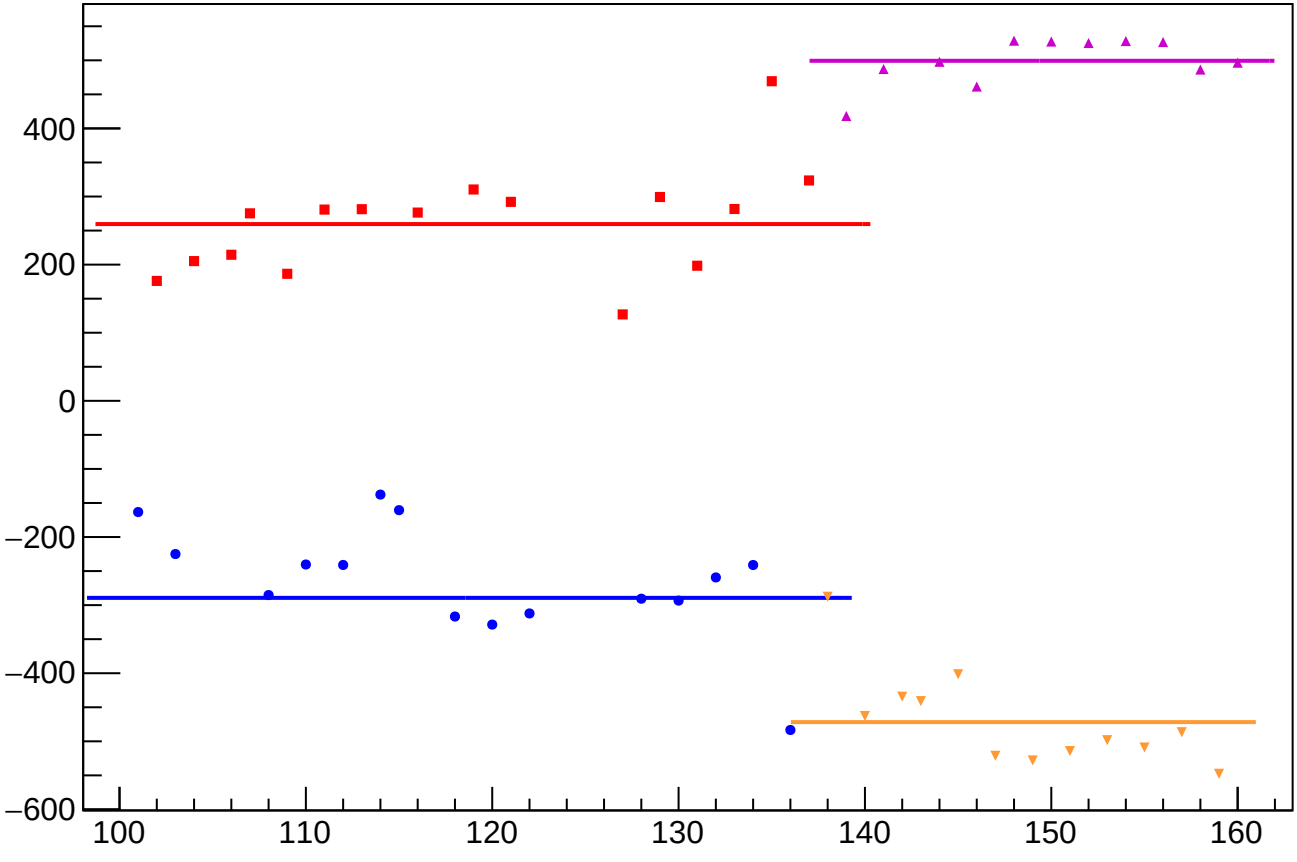
Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:11112314.7/36

Out: 55.914+/-0.003 χ^2/NDF:1697944.7/40

All: 47.545+/-0.000 χ^2/NDF: 22019530.6/77

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 16.408+/-0.000 χ^2/NDF: 4387510726187305

Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

In: 173.938+/-0.000 χ^2/NDF:2434992102571034

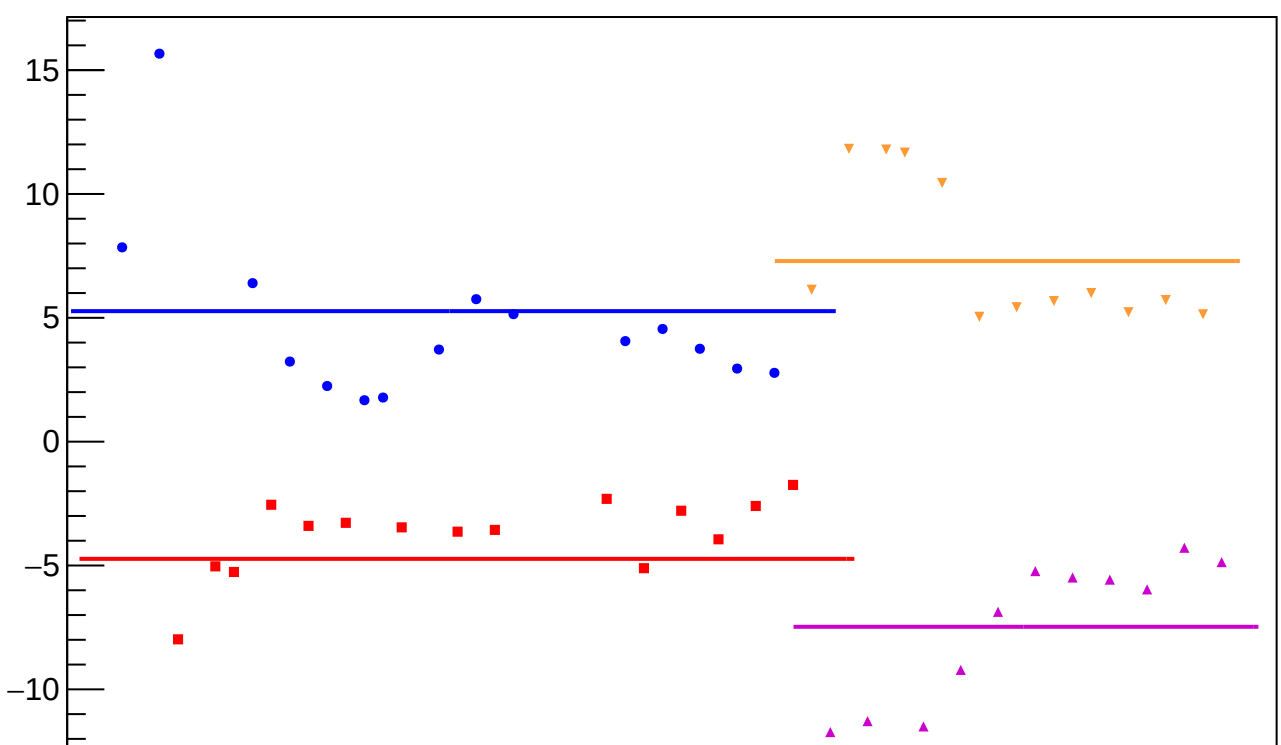
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

Out: -163.246+/-0.000 χ^2/NDF:214955339400548

Left In: 499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655114 24.0/10

All: 4.918+/-0.000 χ^2/NDF: 5481010805807

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.132+/-0.000 χ^2/NDF: 11395661588137733

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

Left Out: 7.291+/-0.000 χ^2/NDF:67180535151728638858364323511664 64.0/11

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

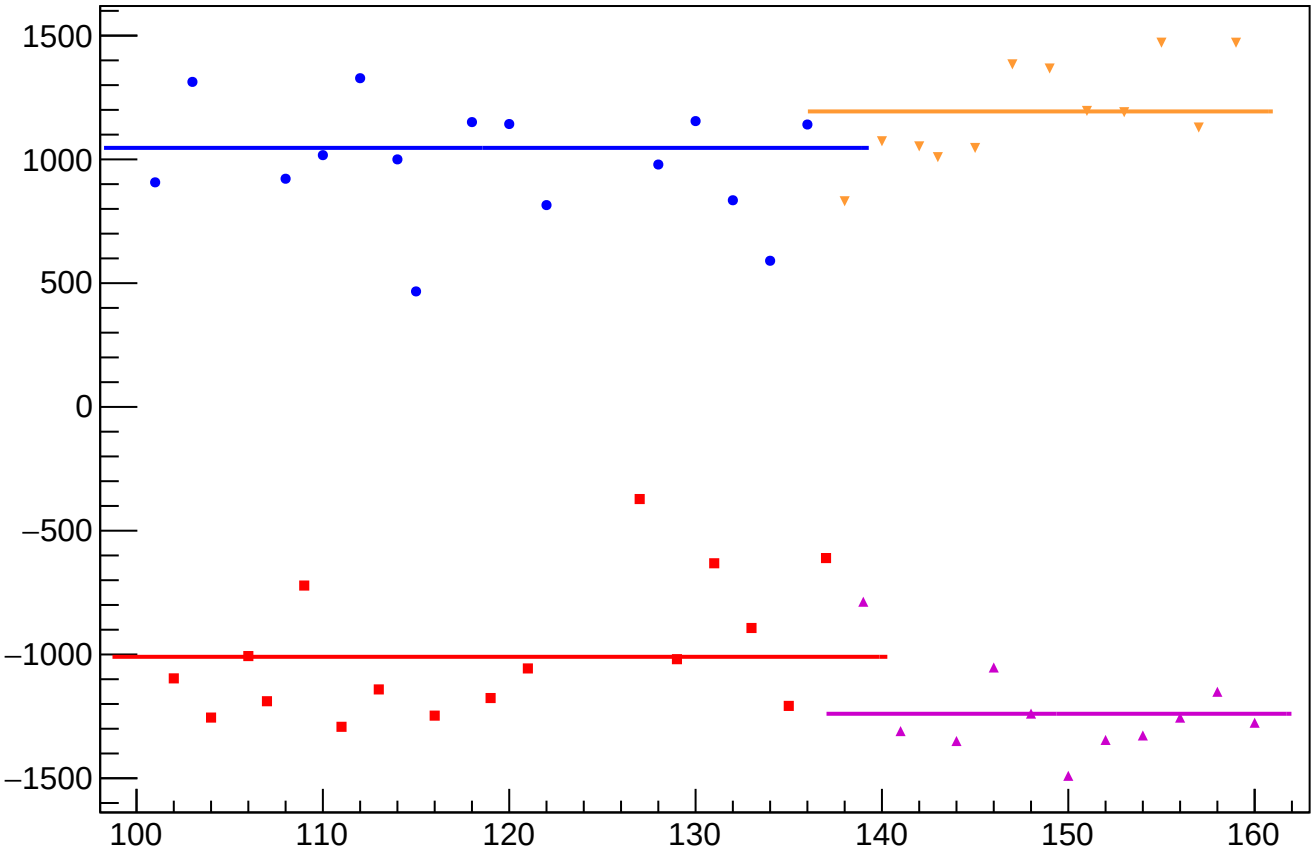
Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: 2.219+/-0.000 χ^2/NDF:69311143911144933 8

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

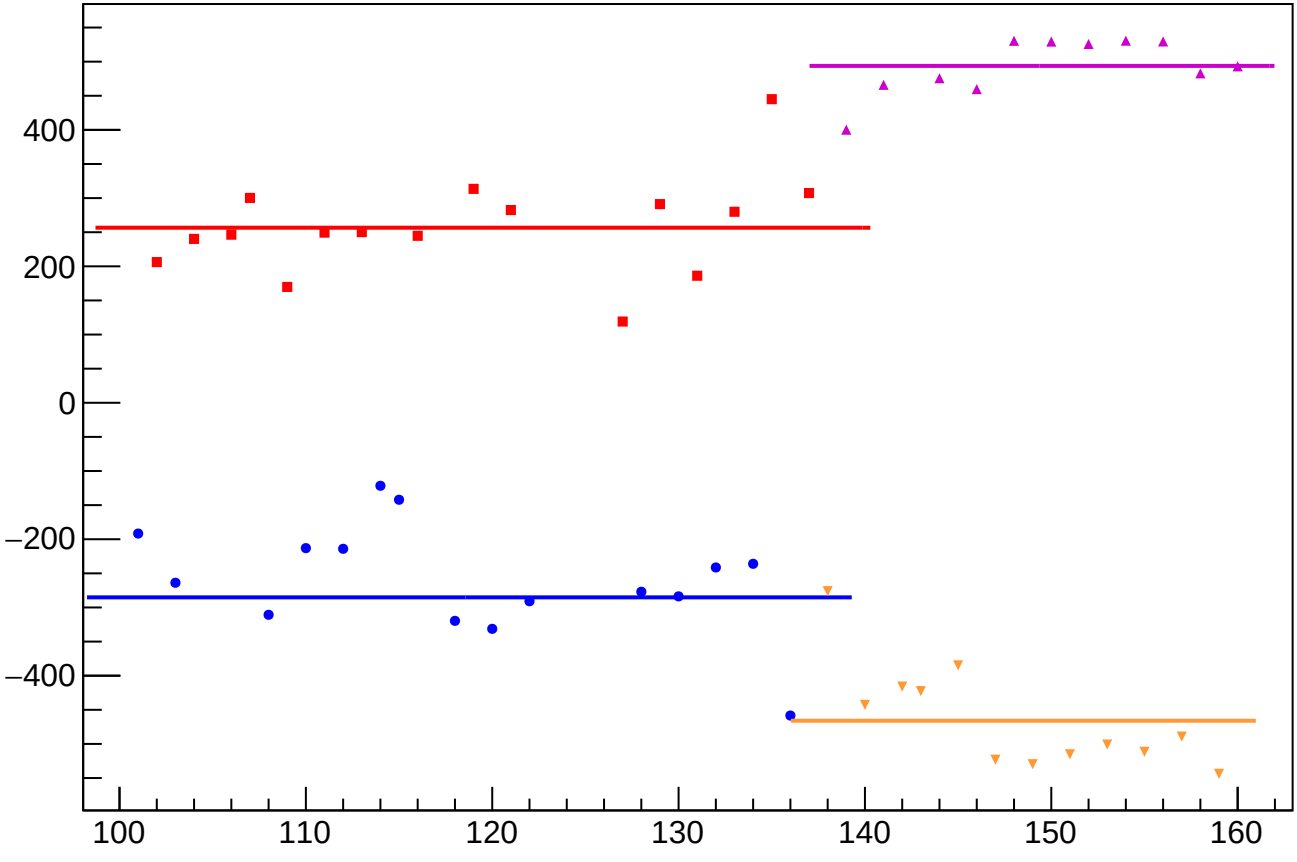
All: 0.007+/-0.000 χ^2/NDF: 16250941727402

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



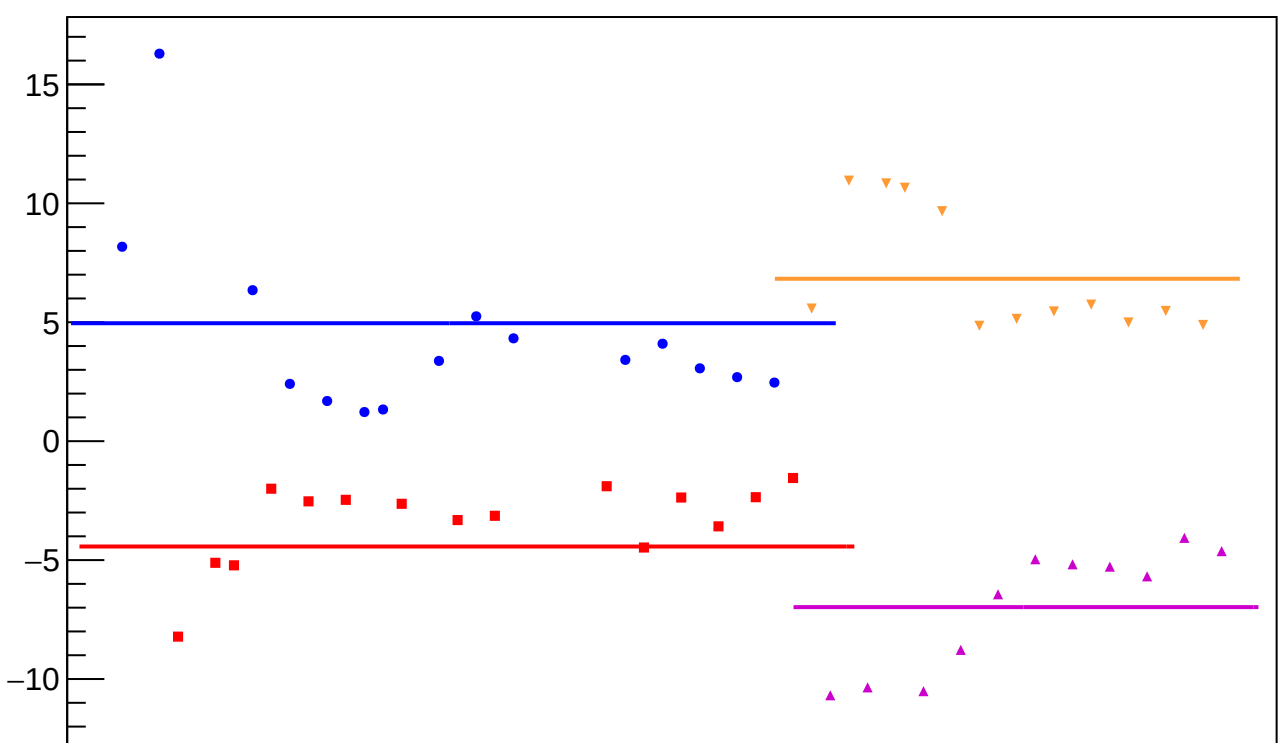
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 16.495+/-0.000 χ^2/NDF: 4299214523366525
Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11
In: 172.388+/-0.000 χ^2/NDF:2372579446199701
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: -161.153+/-0.000 χ^2/NDF:210188051150550
Left In: 493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10
All: 5.194+/-0.000 χ^2/NDF: 5351657860552

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.828+/-0.000 χ^2/NDF:5374095498583312473439971131260928.0/11

Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

Left: -0.112+/-0.000 χ^2/NDF: 98575453845748466

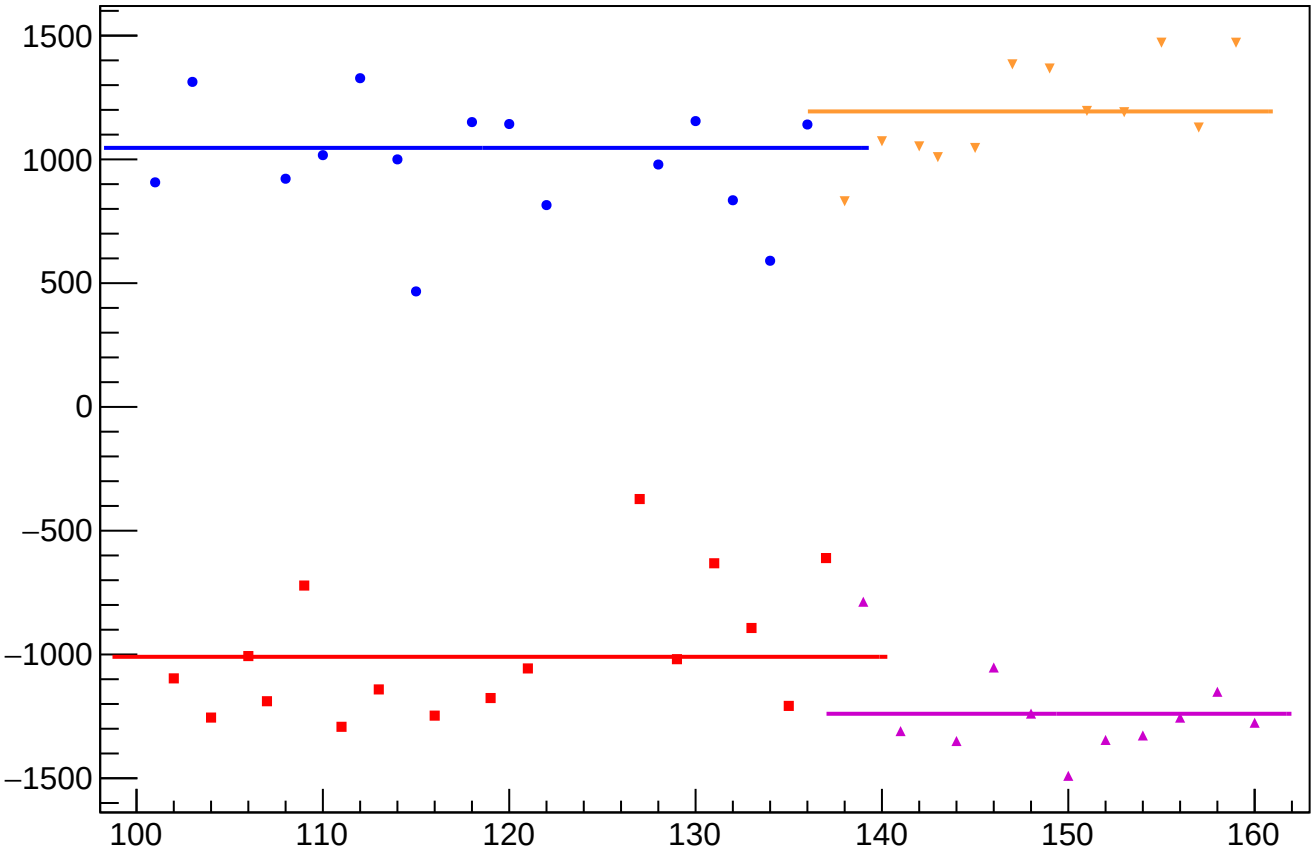
Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Out: 2.079+/-0.000 χ^2/NDF:626104177981069701

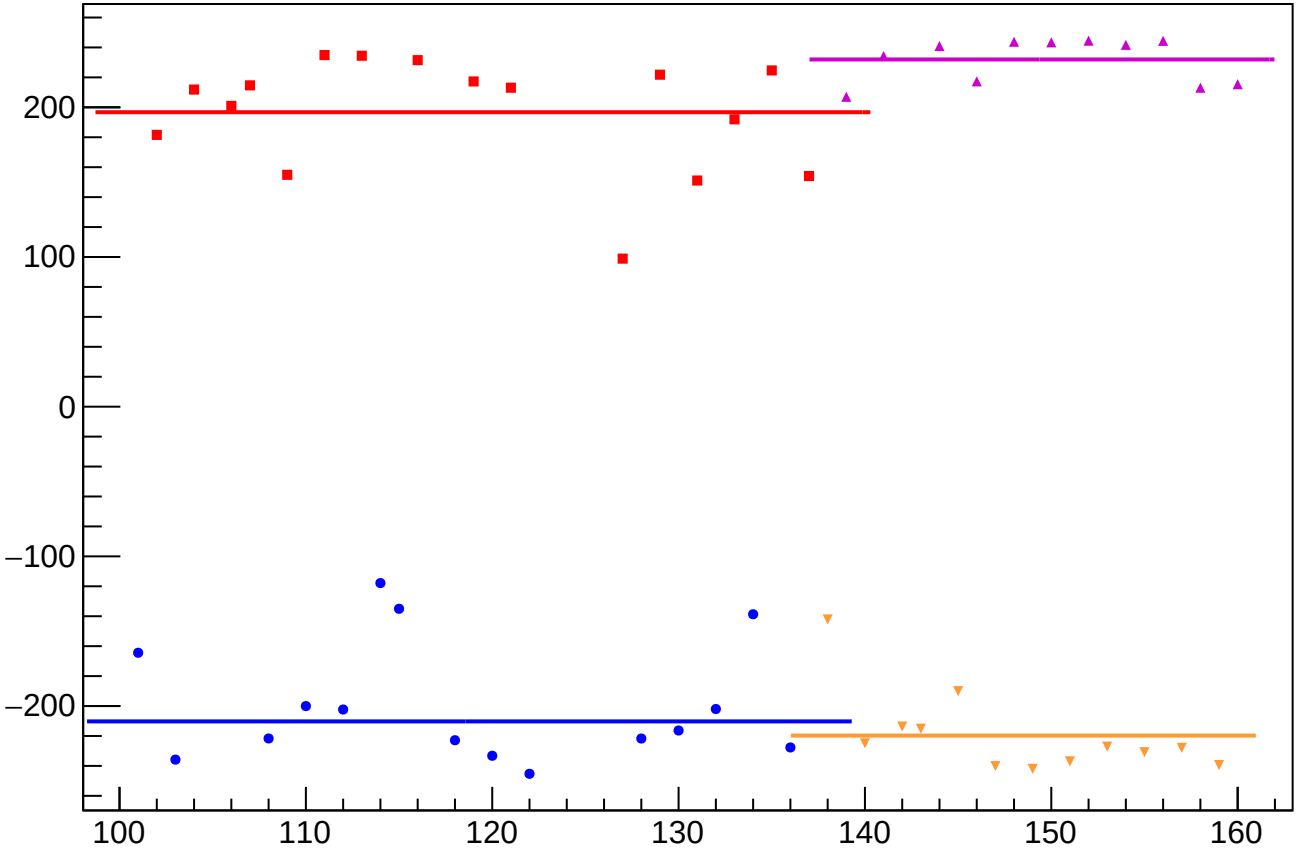
All: 0.018+/-0.000 χ^2/NDF: 1464768921407 0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Left: 7.357+/-0.000 χ^2/NDF: 946302102045066653

Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

In: 49.520+/-0.000 χ^2/NDF:75312551342115055 4

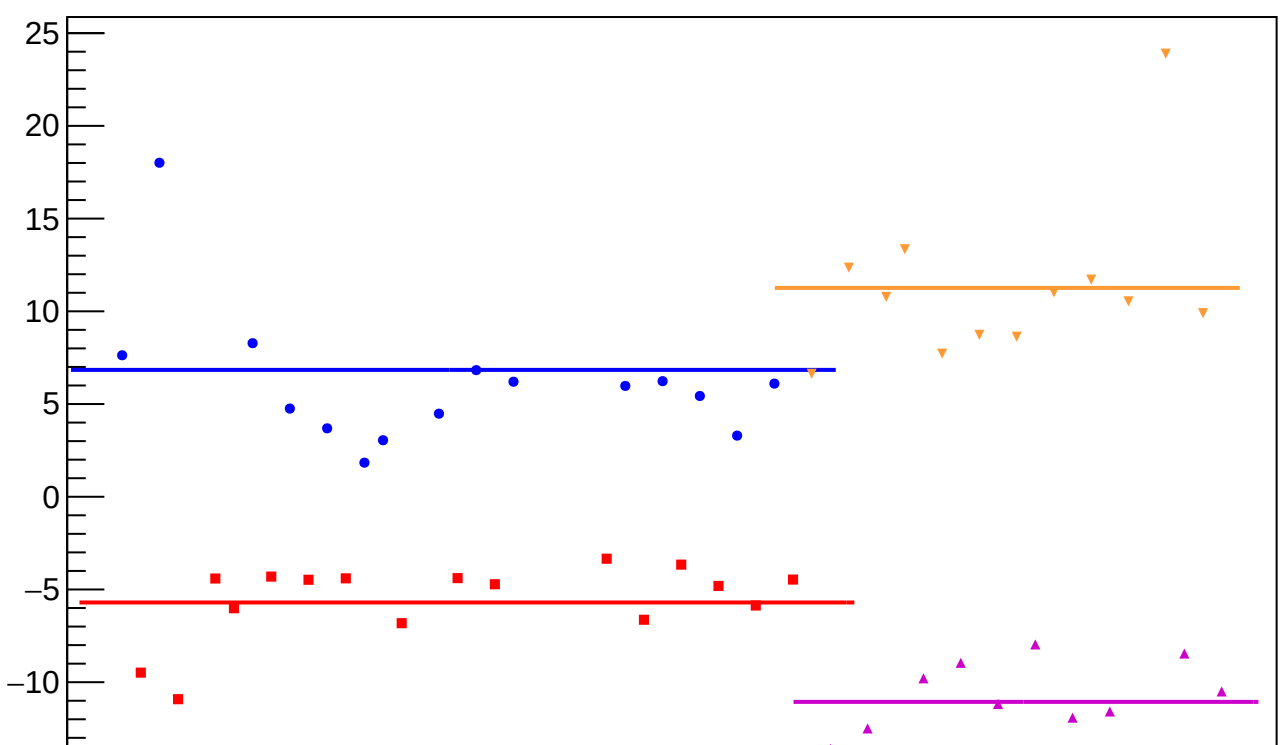
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

Out: -44.029+/-0.000 χ^2/NDF:6848097439733710

Left In: 231.985+/-0.000 χ^2/NDF:1829920272804014631390651052908871 68.0/10

All: 2.627+/-0.000 χ^2/NDF: 15069384503151

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Left: 0.040+/-0.000 χ^2/NDF: 250357817472556188

Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14

Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291

Left Out: 11.263+/-0.000 χ^2/NDF:169504843044958267355265373894082 56.0/11

In: -3.675+/-0.000 χ^2/NDF:135955249397154669

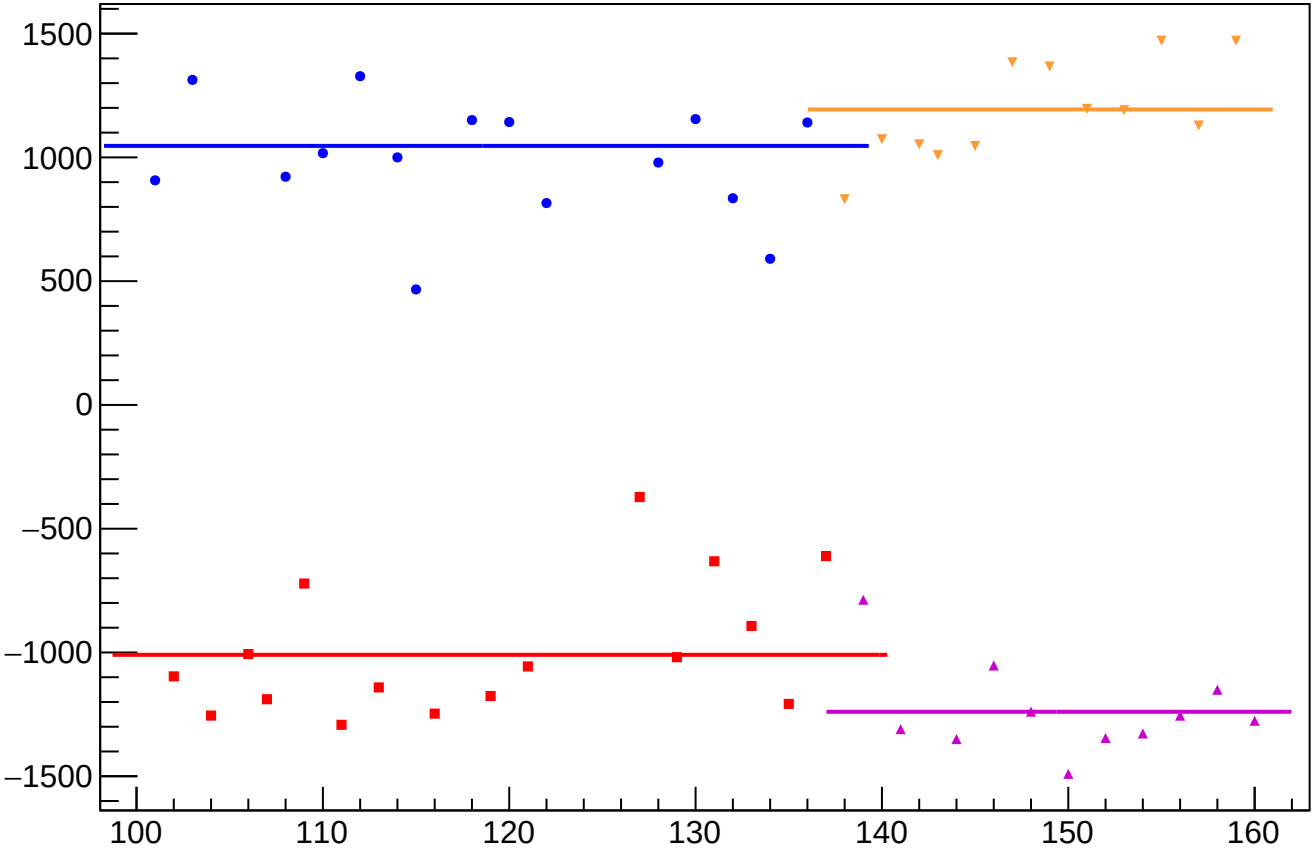
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

Out: 4.106+/-0.000 χ^2/NDF:131096875714597245

Left In: -11.061+/-0.000 χ^2/NDF:441755938778495440031193371351449 6.0/10

All: 0.226+/-0.000 χ^2/NDF: 3147874341547

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

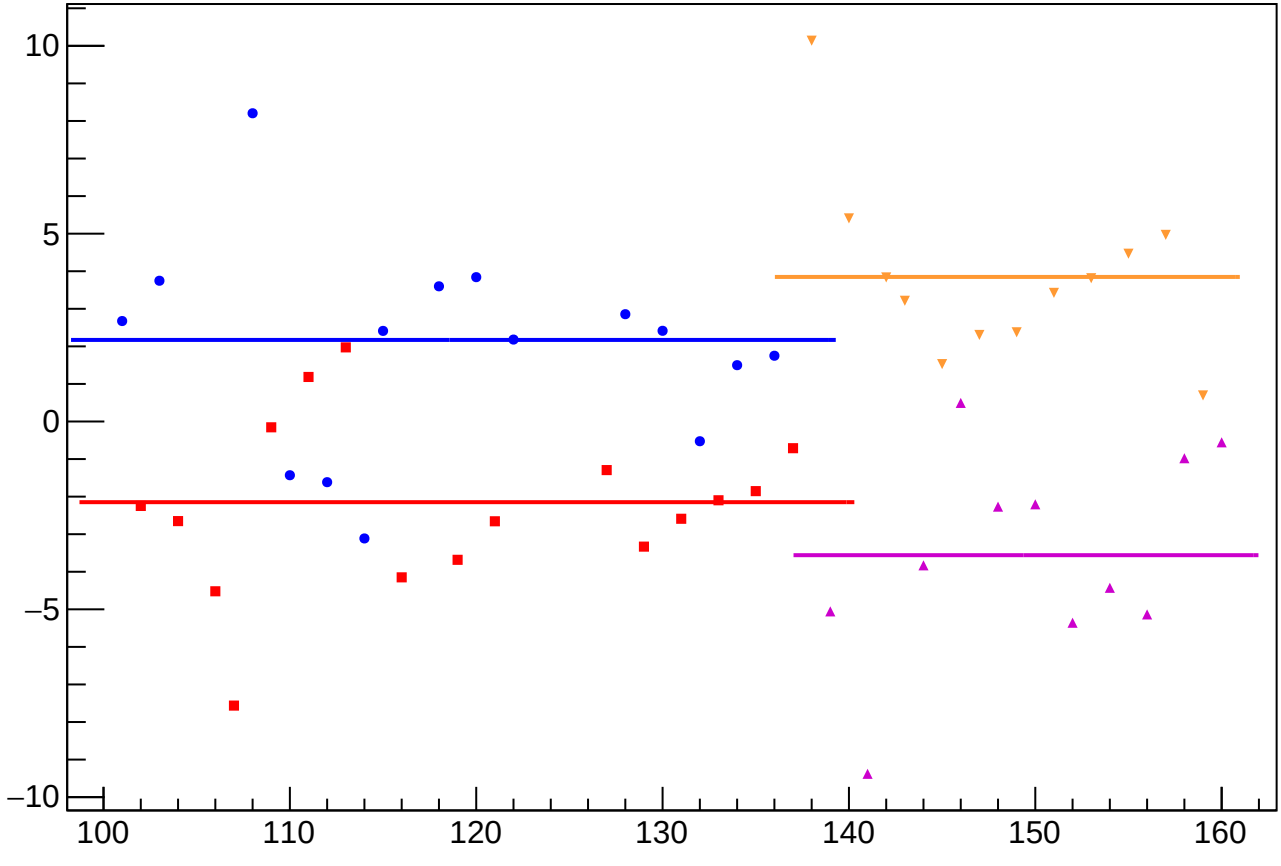
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

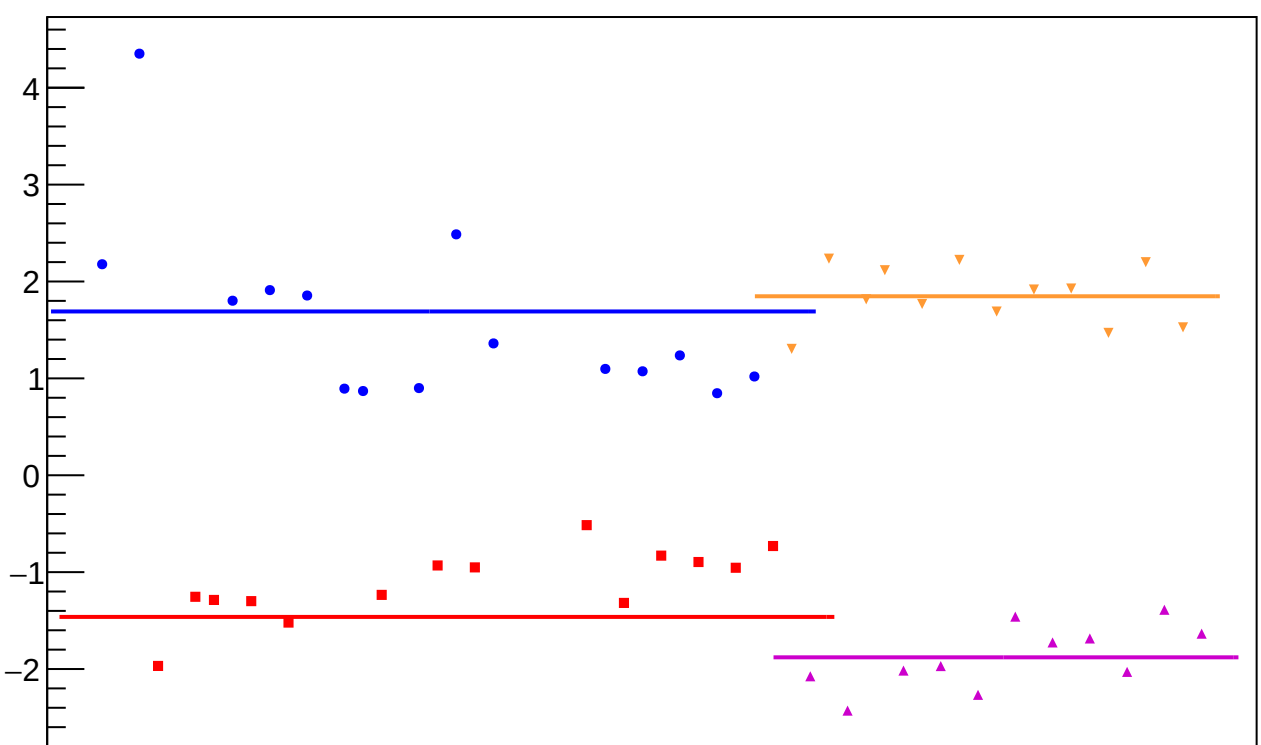
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aY_coil1_mean vs Slug, Sign Corrected



Left: 0.125+/-0.000 χ^2/NDF: 36741877851651066
Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488
Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11
In: -1.195+/-0.000 χ^2/NDF:226097487134650351
Right Out: -2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187 8400.0/15
Out: 1.319+/-0.000 χ^2/NDF:21996427060229327 9
Left In: -3.559+/-0.000 χ^2/NDF:649266734510996254065216575871 3856.0/10
All: 0.065+/-0.000 χ^2/NDF: 4958691380061 8

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.026+/-0.000 χ^2/NDF: 65568039047872649

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

In: -0.406+/-0.000 χ^2/NDF:55619651777118776 5

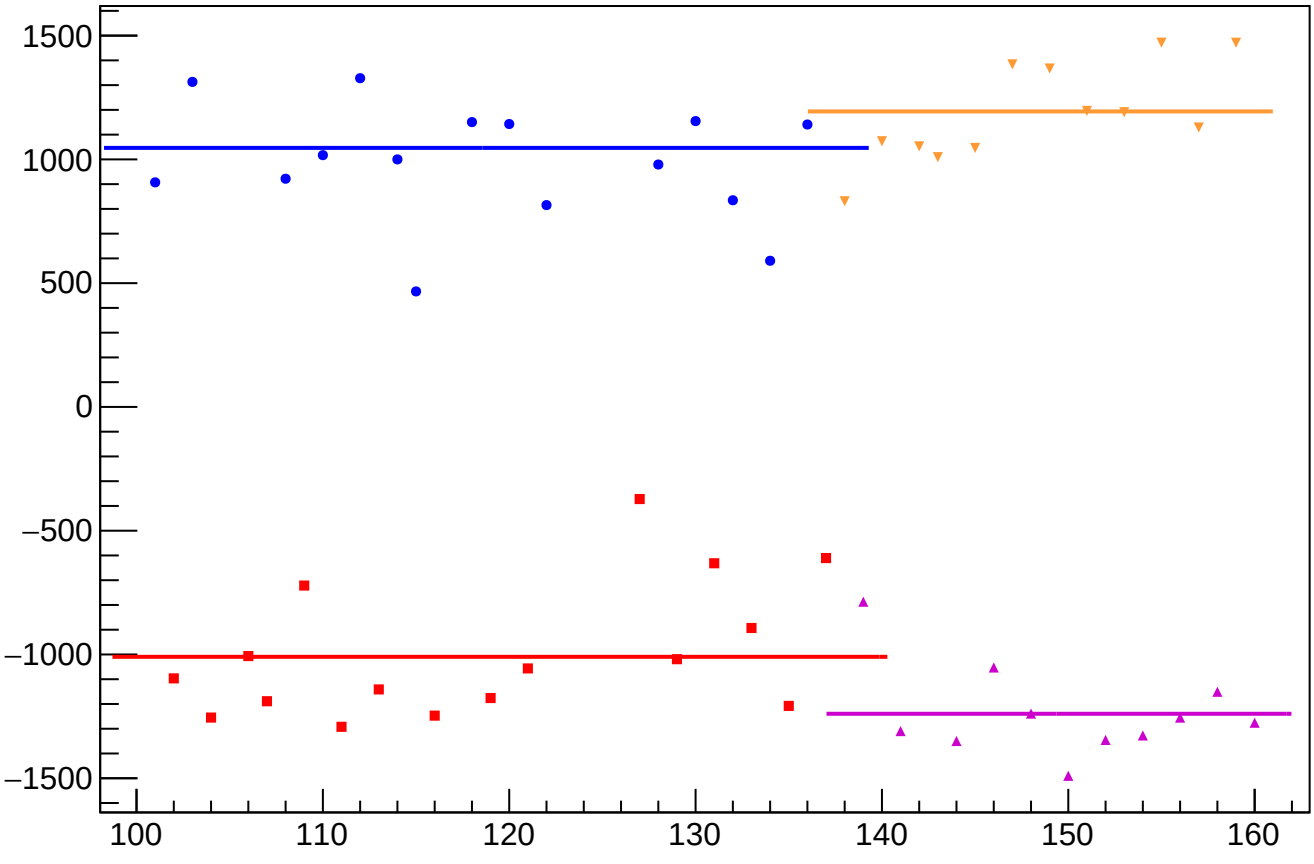
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.451+/-0.000 χ^2/NDF:47521424919016649 0

Left In: -1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

All: 0.024+/-0.000 χ^2/NDF: 1089396040046 2

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

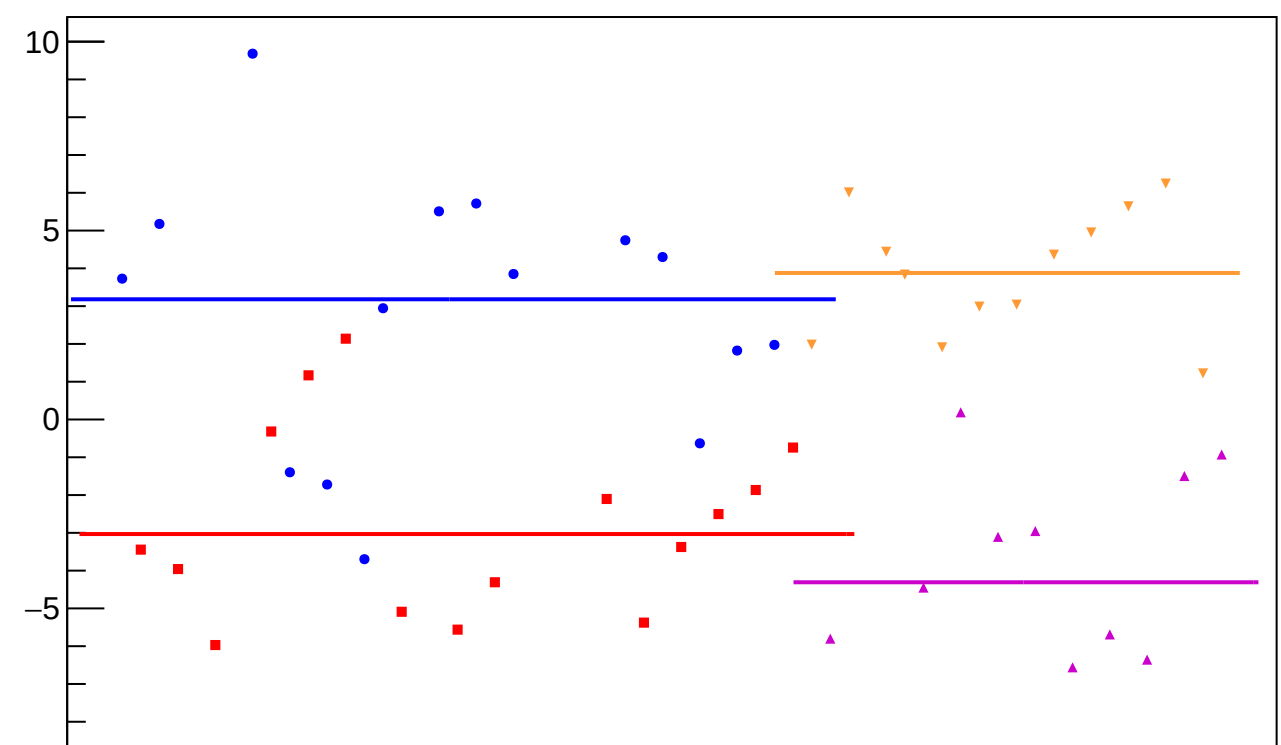
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eY_coil1_mean vs Slug, Sign Corrected



Left: -0.237+/-0.000 χ^2/NDF: 40330727078704471

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

In: -1.218+/-0.000 χ^2/NDF:342914810766388262

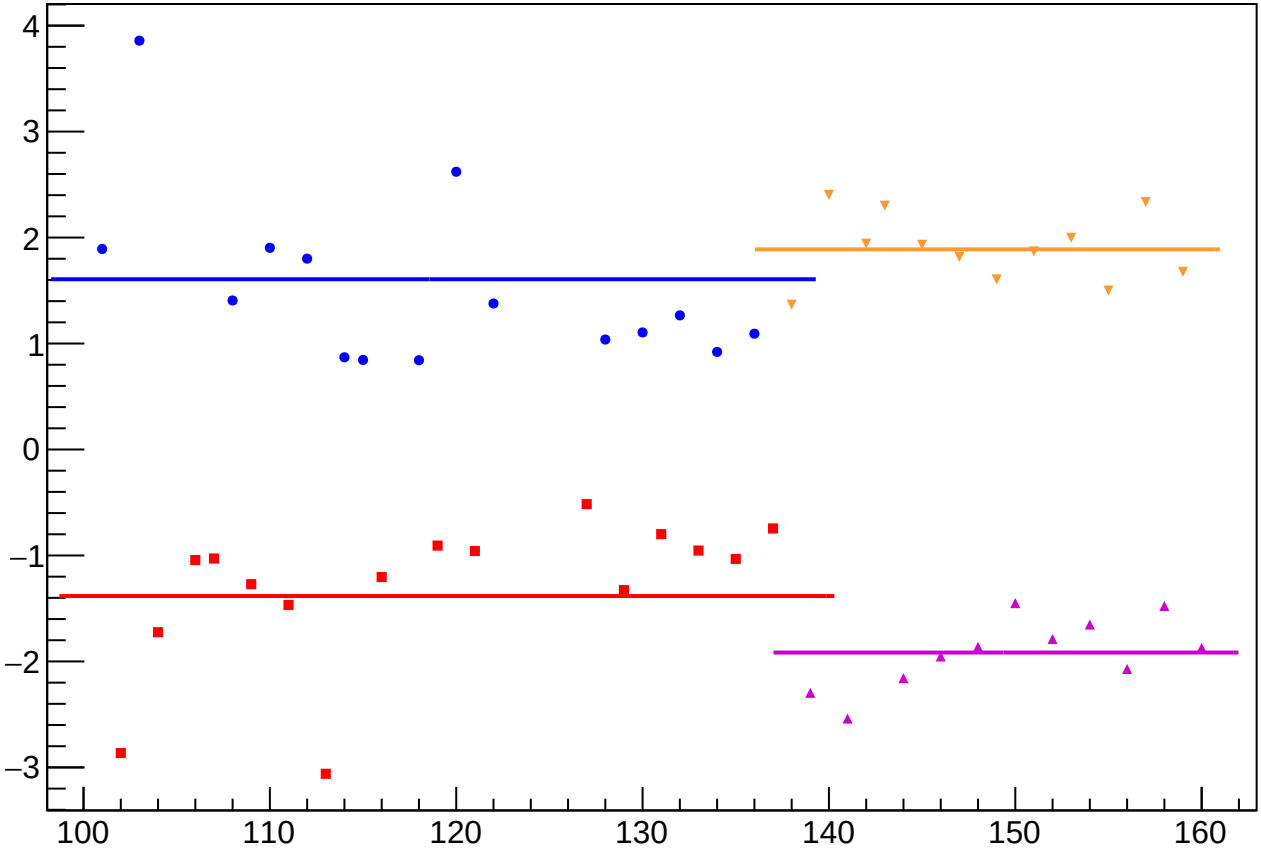
Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Out: 0.963+/-0.000 χ^2/NDF:25811484949024746 6

Left In: -4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

All: -0.125+/-0.000 χ^2/NDF: 6385427084403

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.024+/-0.000 χ^2/NDF: 6841688132023848

Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

Right: 0.091+/-0.000 χ^2/NDF: 3759027904529624

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

In: -0.463+/-0.000 χ^2/NDF:5286971171108857

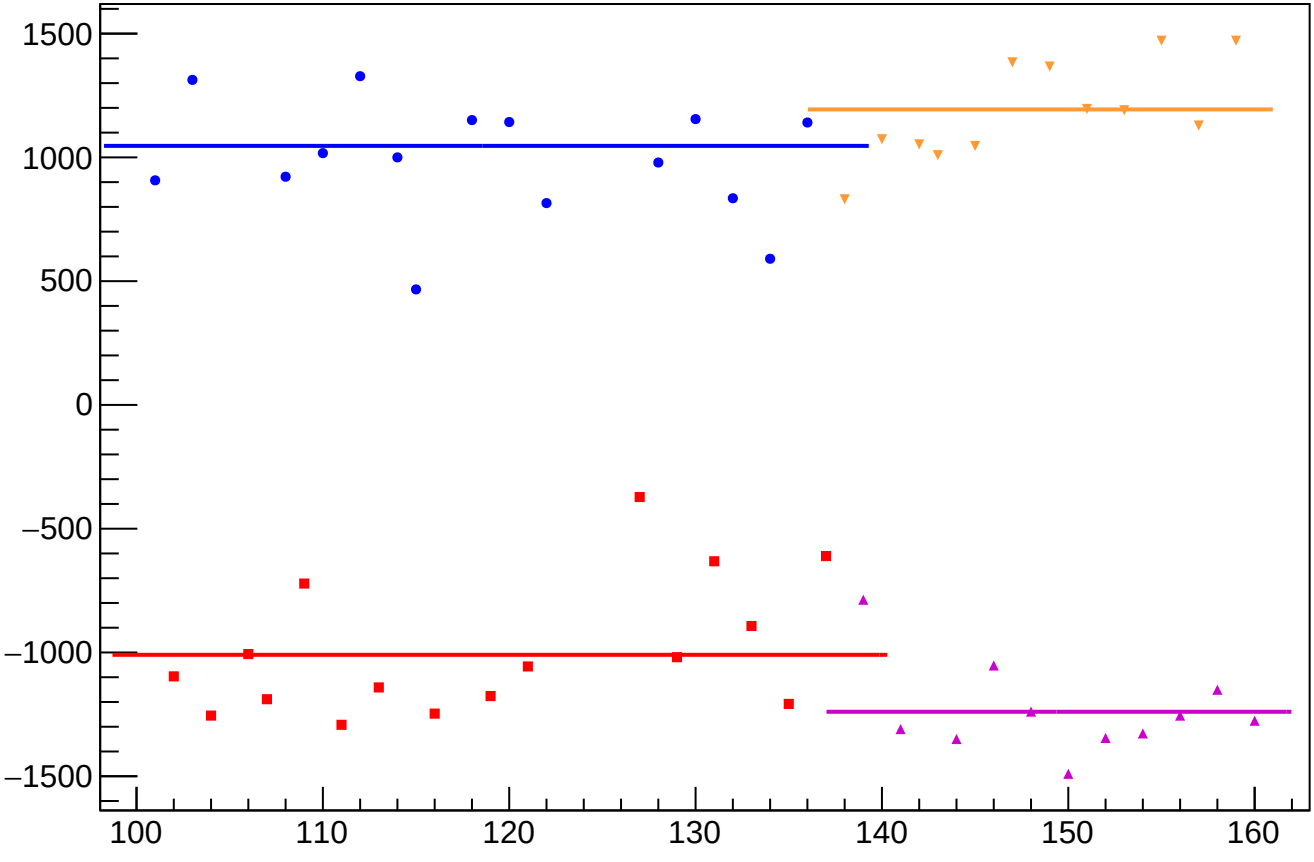
Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Out: 0.509+/-0.000 χ^2/NDF:4580158091435644

Left In: -1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

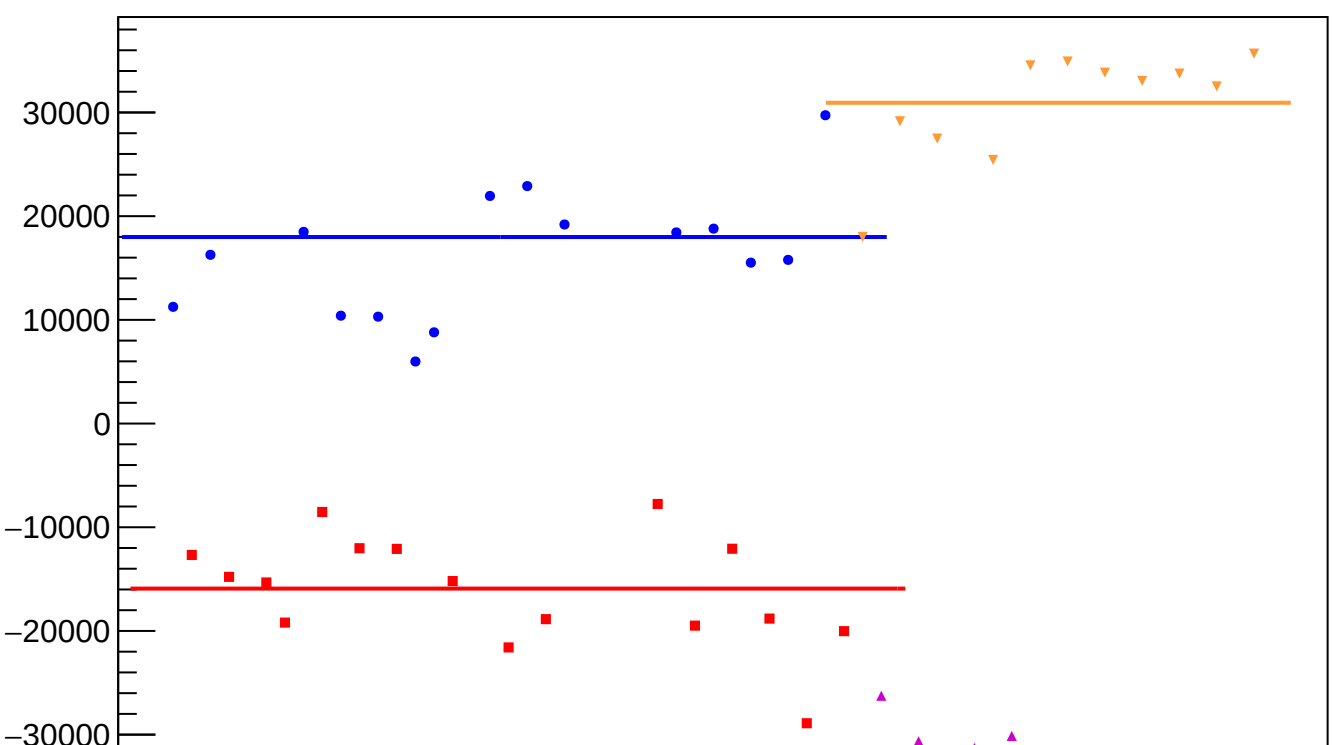
All: 0.024+/-0.000 χ^2/NDF: 1061091914309

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



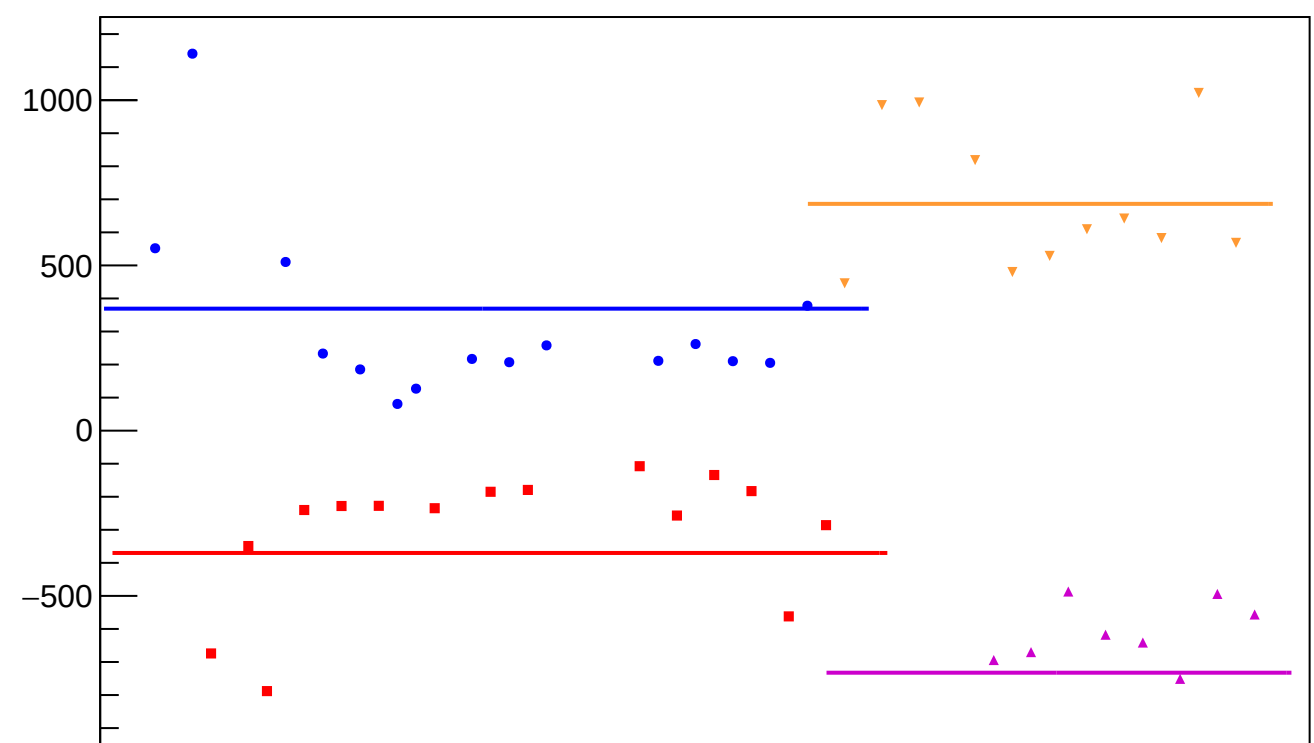
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_usl_coil1_mean vs Slug, Sign Corrected



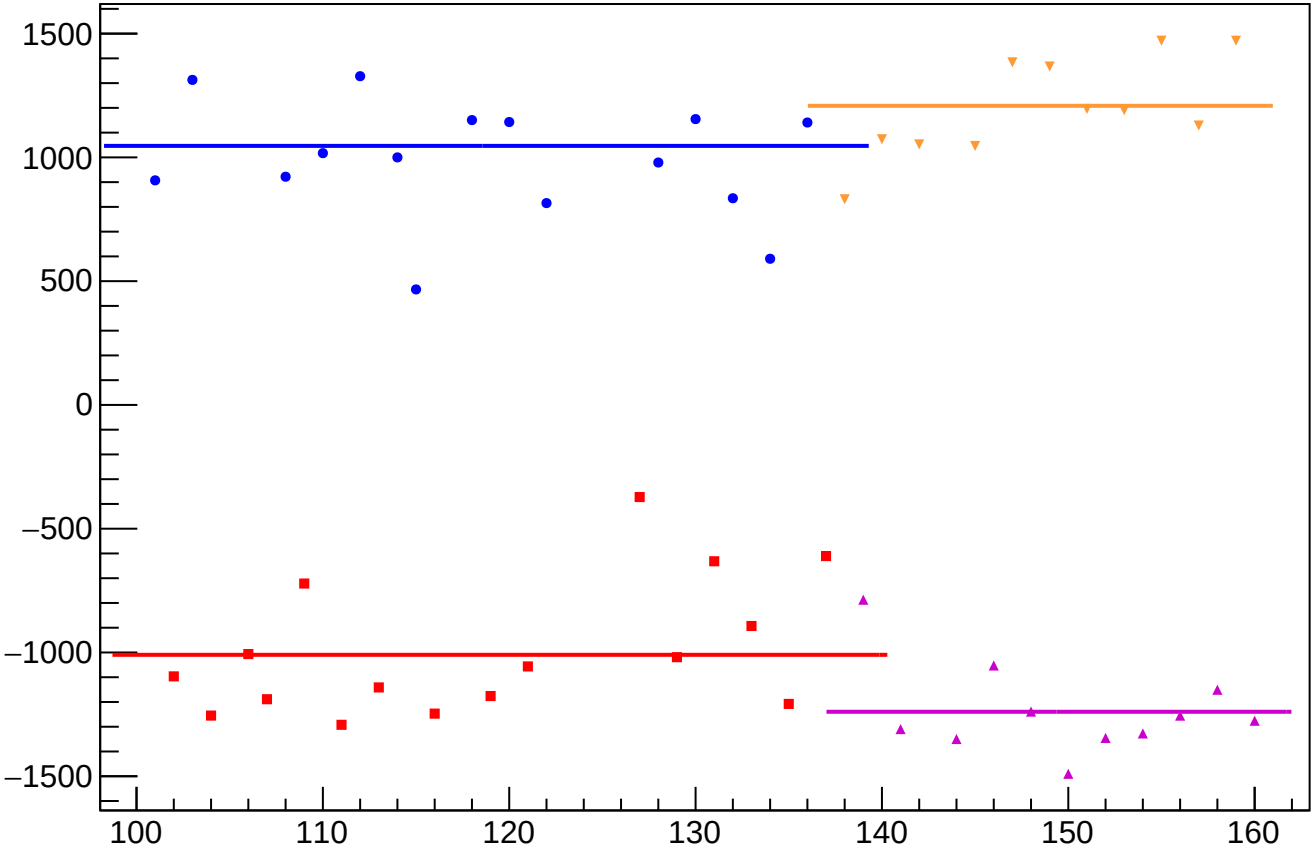
Left: -2133.218+/-0.000 χ^2/NDF: 18043574400904
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30938.190+/-0.000 χ^2/NDF:222312016952578697732753691000223951749 12.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15
Out: 10296.691+/-0.000 χ^2/NDF:8613400565177 2
Left In: -32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10
All: -880.808+/-0.000 χ^2/NDF: 22337383681

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -53.927+/-0.000 χ^2/NDF: 9637444088890032
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10
In: -277.915+/-0.000 χ^2/NDF:5506122743016459
Right Out: -370.091+/-0.000 χ^2/NDF: 482144629070521075430370371253169029 12.0/15
Out: 220.868+/-0.000 χ^2/NDF:4990060425301362
Left In: -732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10
All: -33.290+/-0.000 χ^2/NDF: 124154771081

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -68.820+/-0.000 χ^2/NDF: 2709064239069646

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

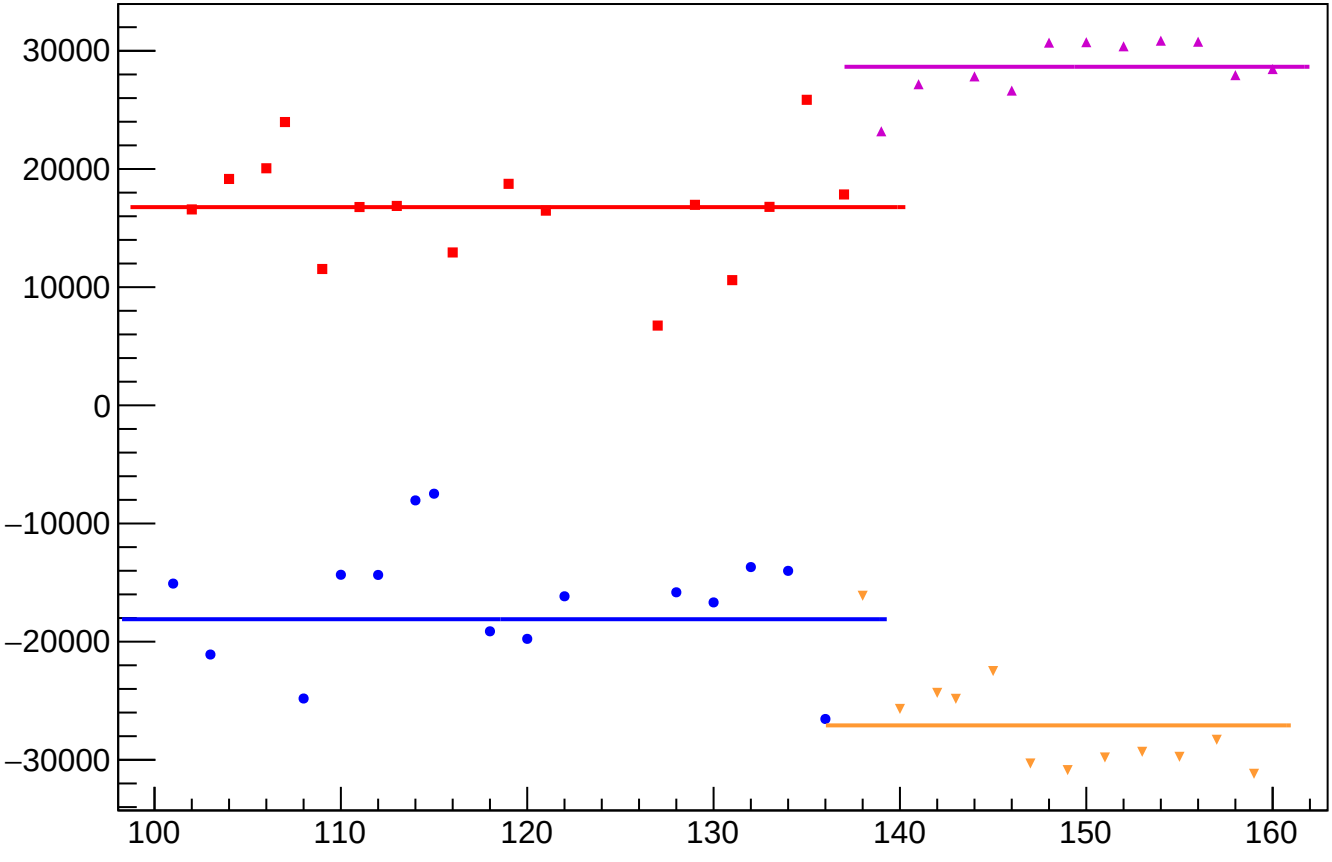
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 231.285+/-0.000 χ^2/NDF:191189164590426 4

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -37.580+/-0.000 χ^2/NDF: 41729681517 4

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 934.162+/-0.000 χ^2/NDF: 1449134260498682

Right In: -18100.637+/-0.000 χ^2/NDF: 14634967546173586967632040765428699496448.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -27085.326+/-0.000 χ^2/NDF:16913671790830002451724713056210492850176.0/11

In: 9361.516+/-0.000 χ^2/NDF:8527147862381255

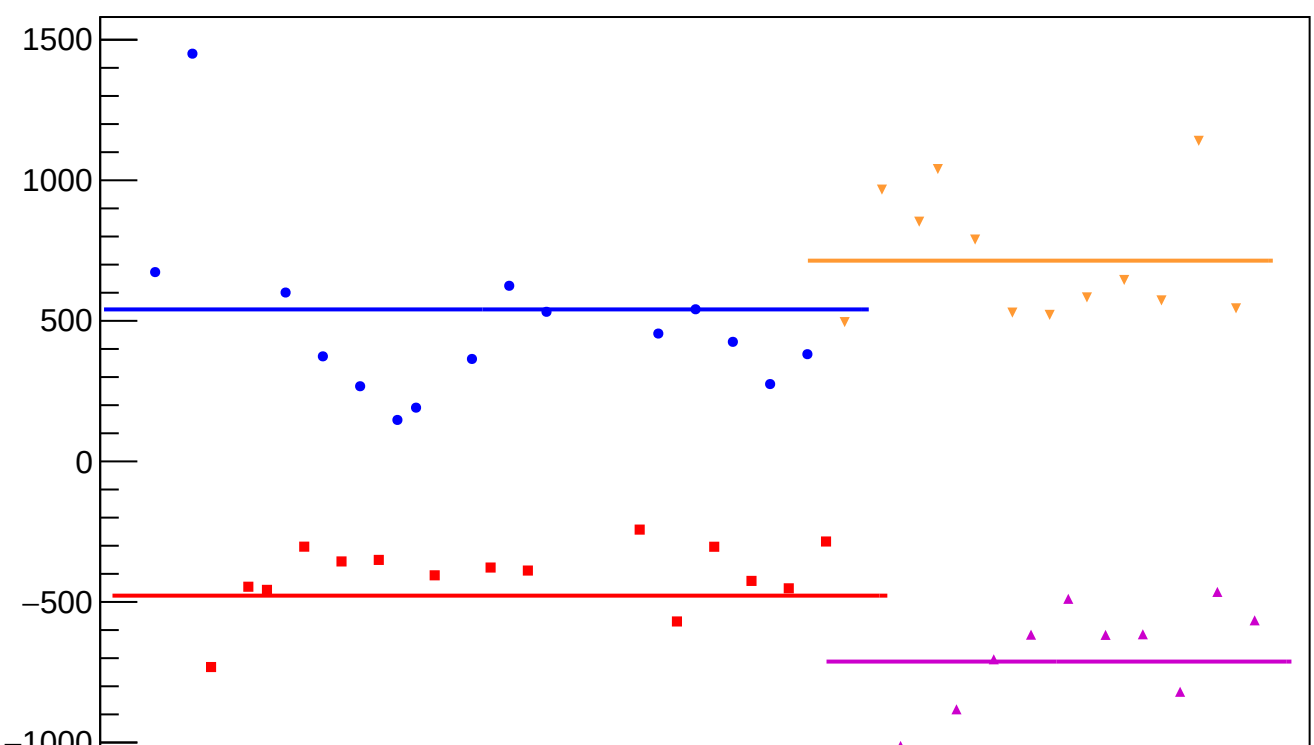
Right Out: 16773.604+/-0.000 χ^2/NDF: 14234547931135812277474342886568366178304.0/15

Out: -8581.907+/-0.000 χ^2/NDF:77289596182504

Left In: 28650.410+/-0.000 χ^2/NDF:48388275359810808267259474743447655546 88.0/10

All: 367.048+/-0.000 χ^2/NDF: 187947964191

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 714.147+/-0.000 χ^2/NDF:4316097547863146024857574592815615180 8.0/11

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

Left: -2.853+/-0.000 χ^2/NDF: 10119212919667896

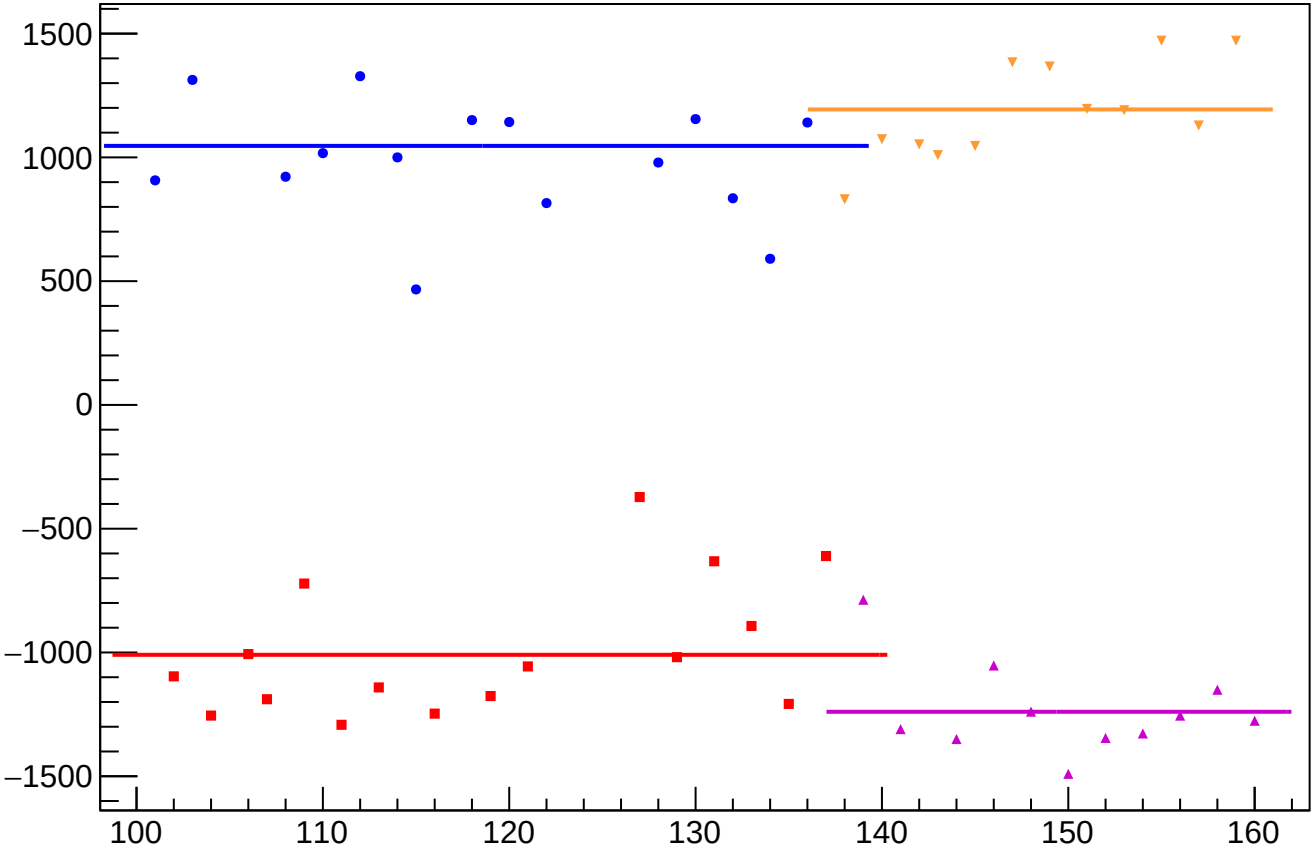
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 211.390+/-0.000 χ^2/NDF:6295663774355160

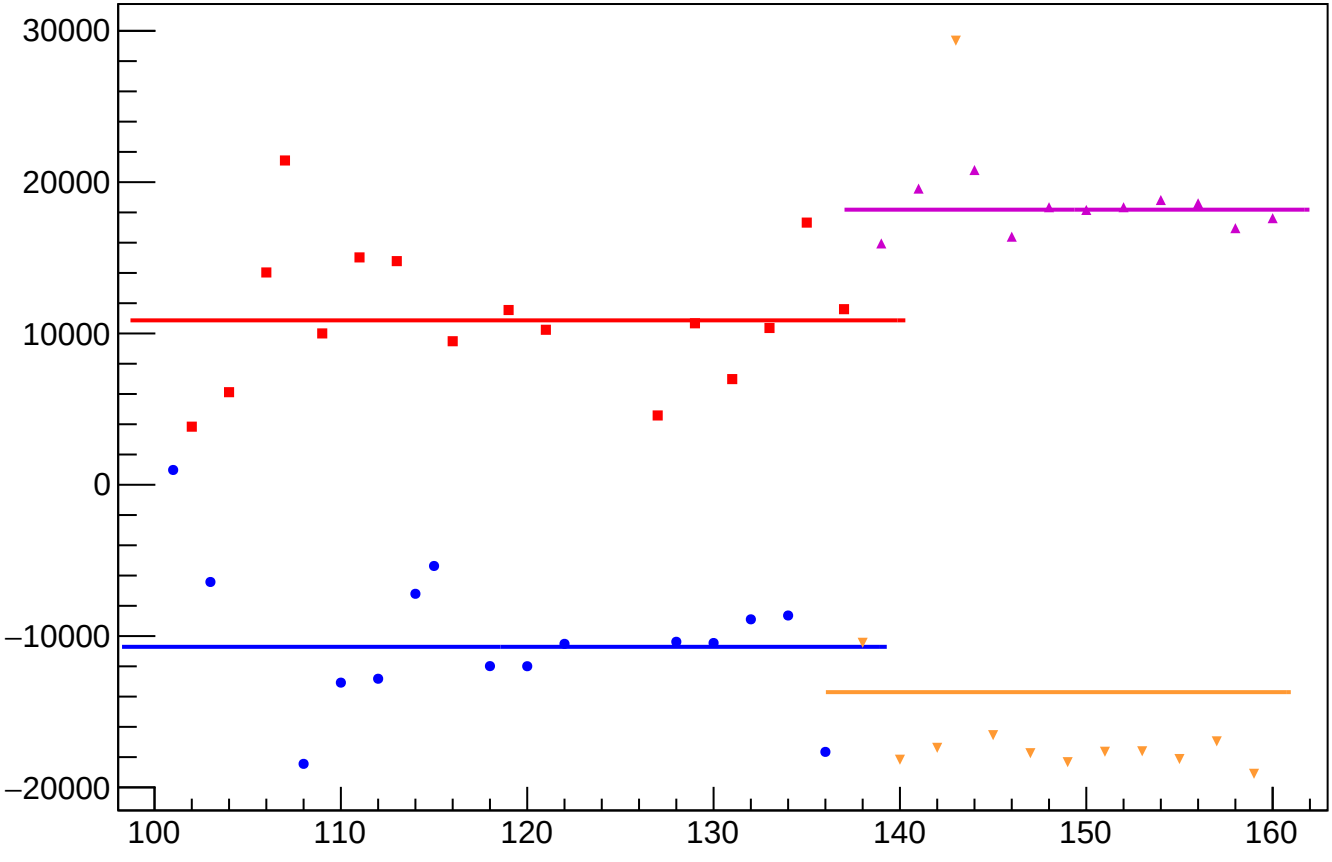
All: 8.600+/-0.000 χ^2/NDF: 14568707976042

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 2324.752+/-0.000 χ^2/NDF: 607066825649852

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

In: 6261.113+/-0.000 χ^2/NDF:336815857232803 3

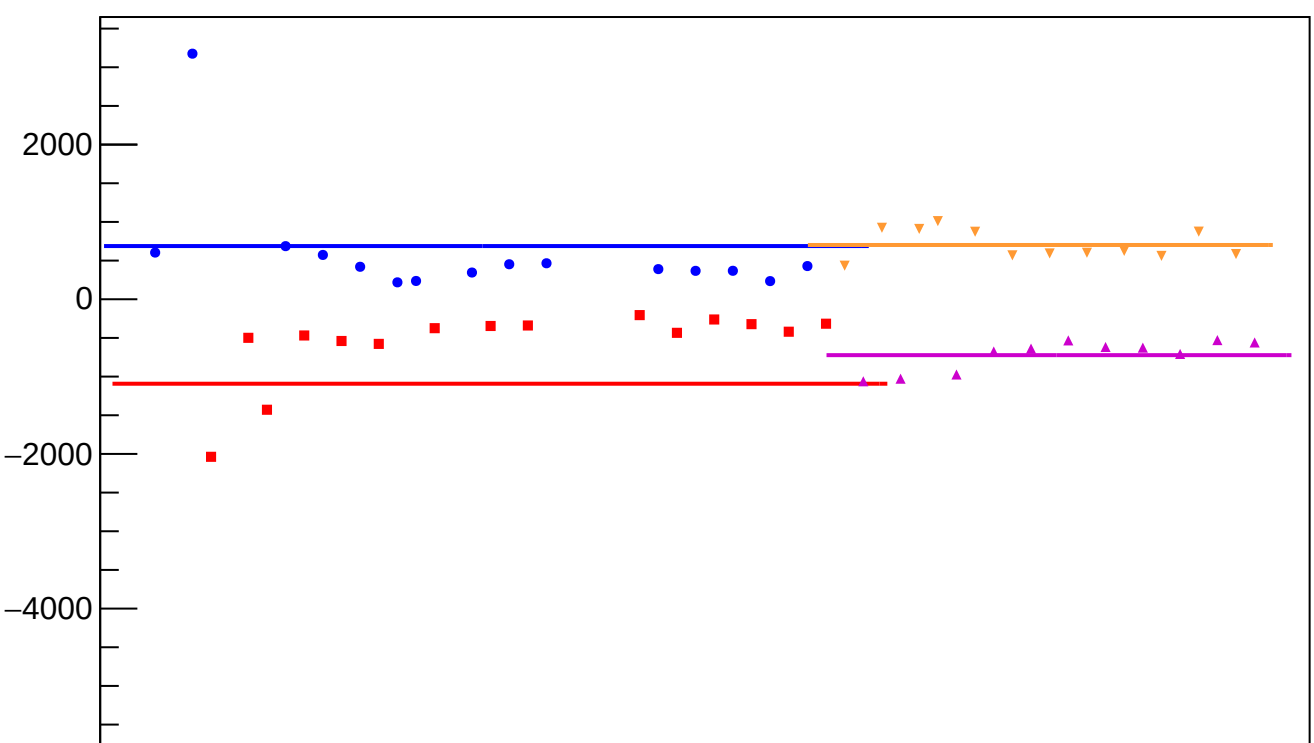
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3339.037+/-0.000 χ^2/NDF:38527704471172

Left In: 18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

All: 1448.863+/-0.000 χ^2/NDF: 7947628614 2

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Left: -14.334+/-0.000 χ^2/NDF: 9951844683767870

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

In: -140.714+/-0.000 χ^2/NDF:1201648470022181

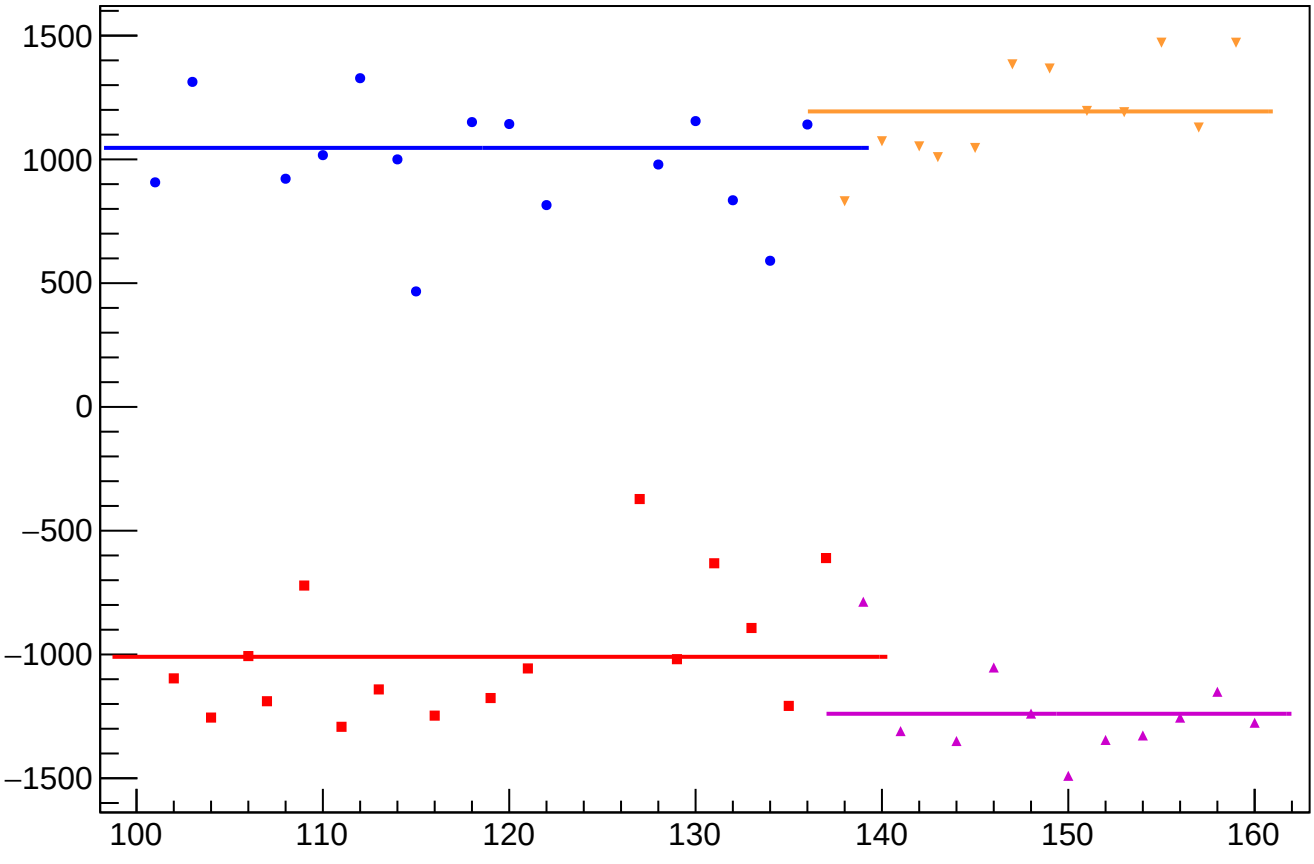
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -55.074+/-0.000 χ^2/NDF:3153372442385616

Left In: -722.743+/-0.000 χ^2/NDF:3369313711651394807786033041053528883 2.0/10

All: -97.785+/-0.000 χ^2/NDF: 436080381727

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

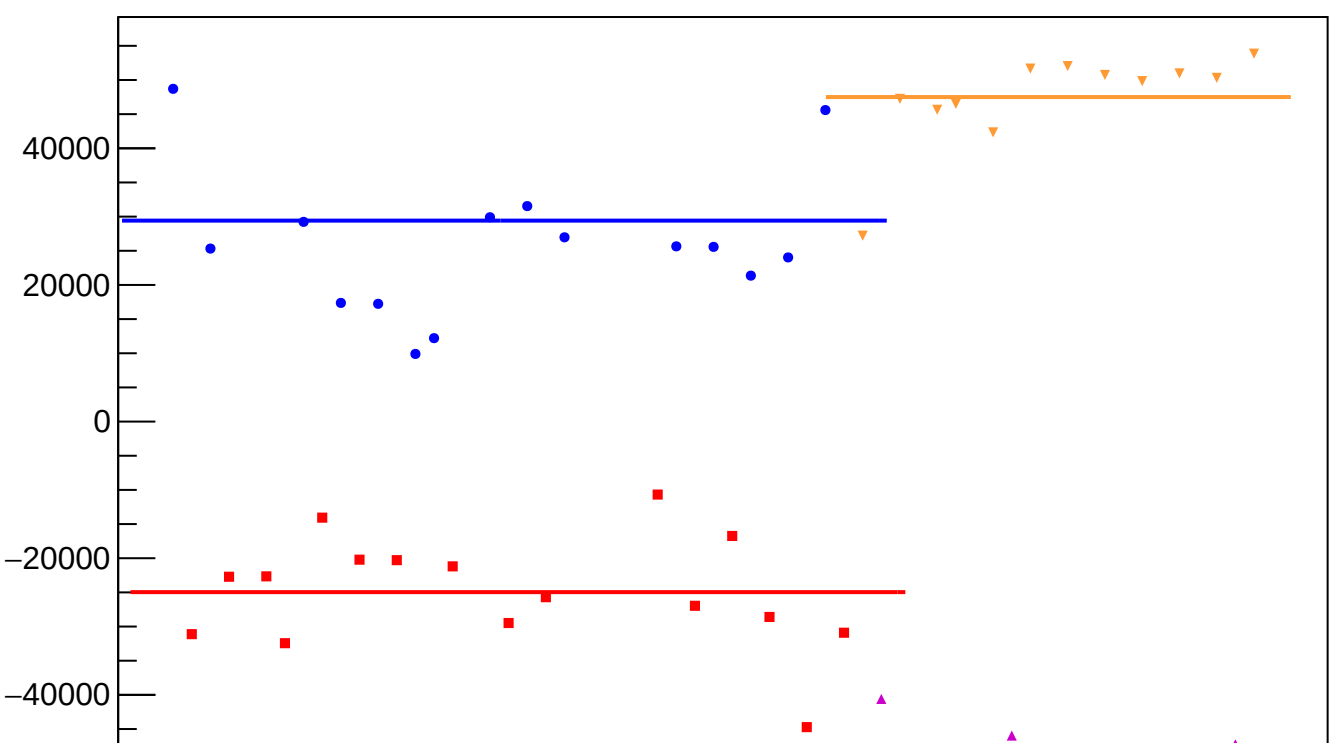
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl2_coil1_mean vs Slug, Sign Corrected



Left: -1505.264+/-0.000 χ^2/NDF: 44236547320359

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47501.916+/-0.000 χ^2/NDF:435917153349338016455651998367617667563 52.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

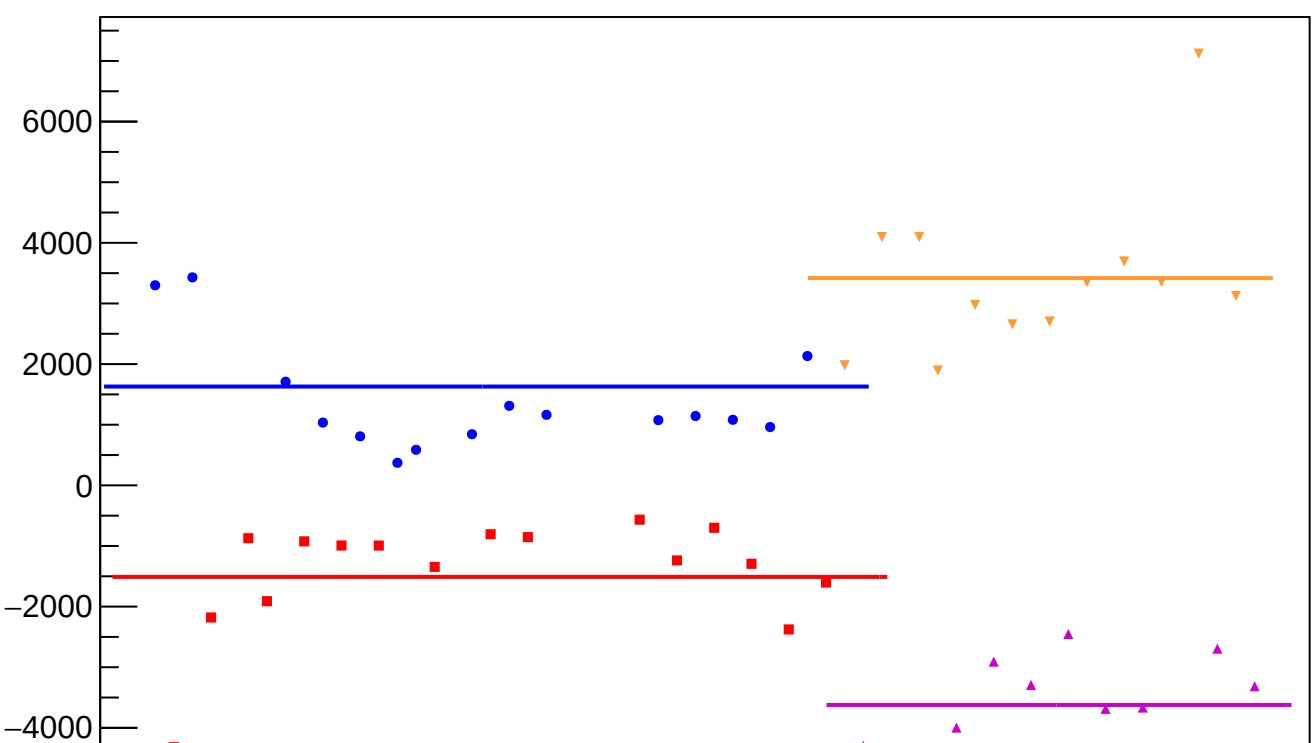
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561 4208.0/15

Out: 16930.059+/-0.000 χ^2/NDF:211408733919 29

Left In: -49982.063+/-0.000 χ^2/NDF:135058210193056038461211213447179702108 16.0/10

All: -103.402+/-0.000 χ^2/NDF: 5522398326 8

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191360/14

Left Out: 3418.927+/-0.000 χ^2/NDF:1575515144069936231955966928879934767104.0/11

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: -3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

Left: -121.241+/-0.000 χ^2/NDF: 248991886844976

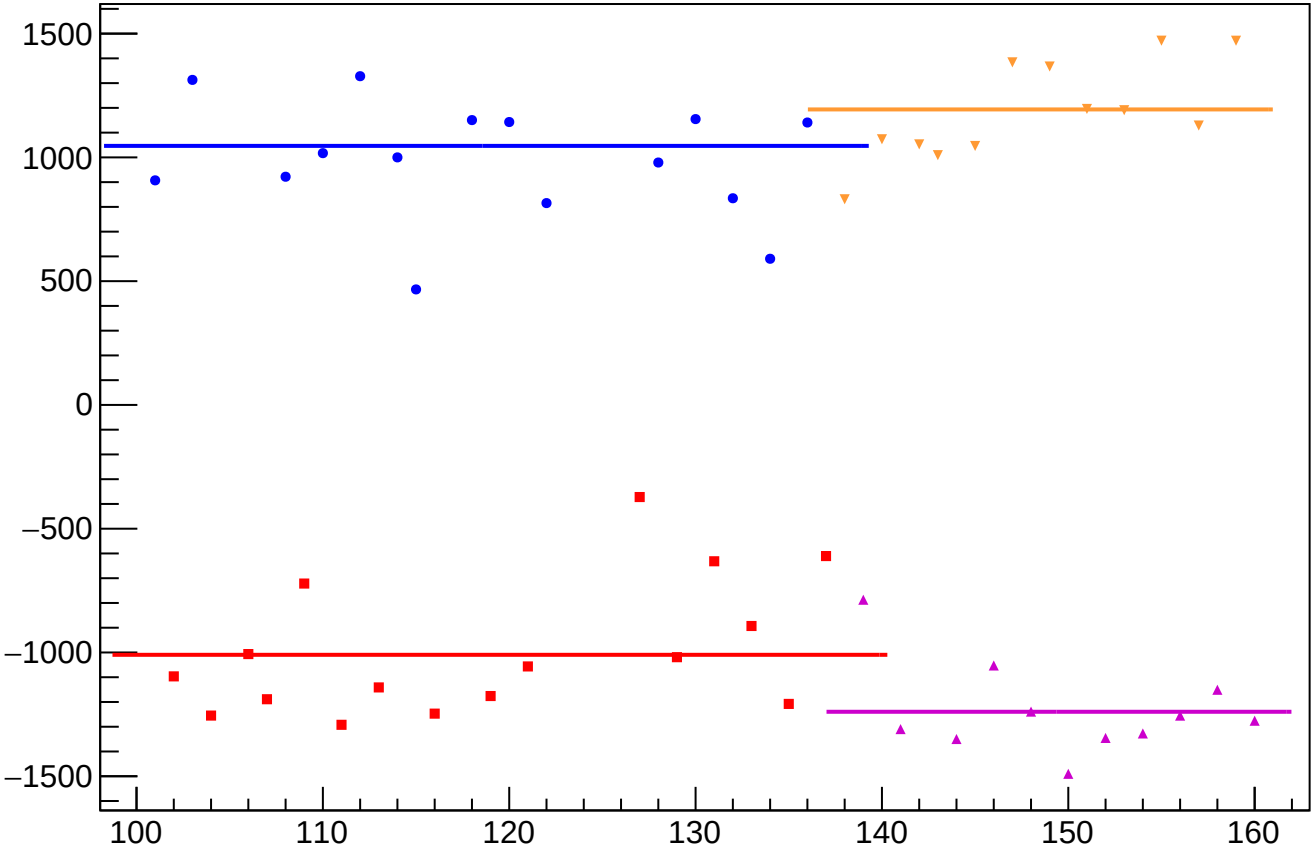
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1339.363+/-0.000 χ^2/NDF:116328176360275

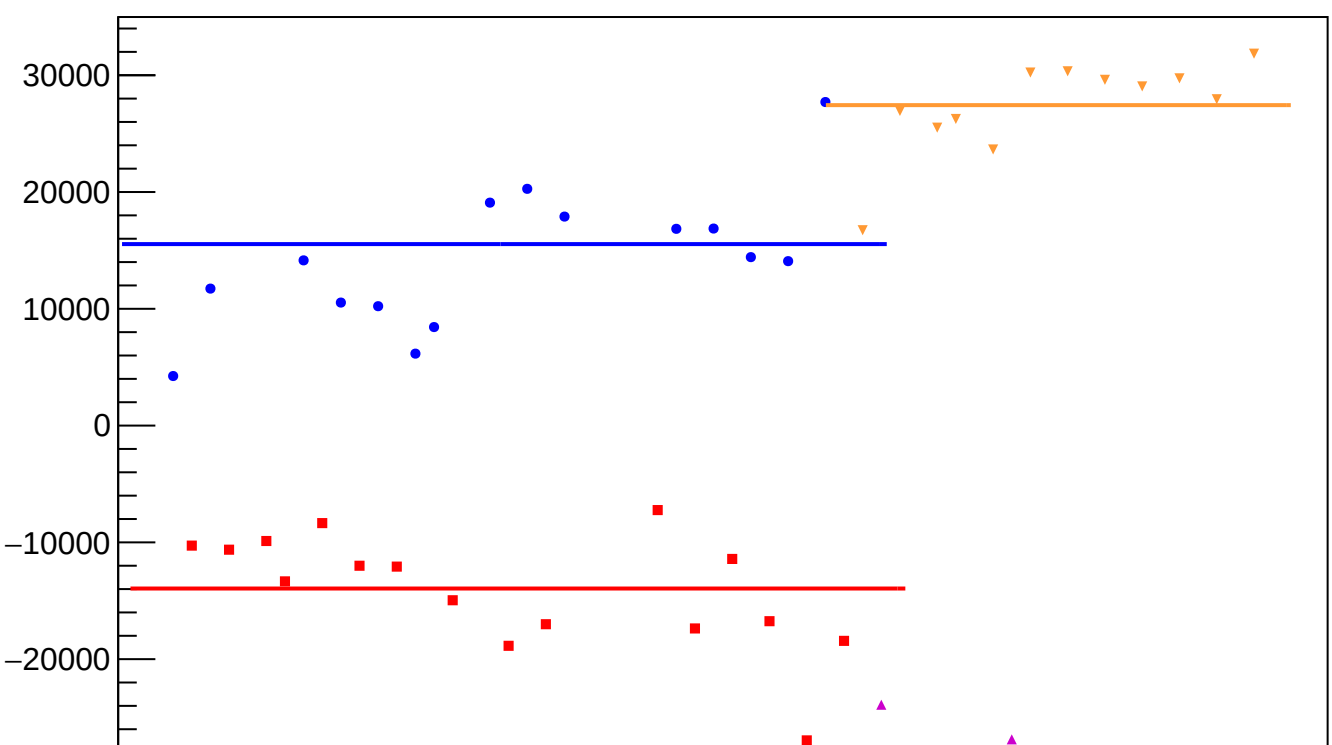
All: -54.735+/-0.000 χ^2/NDF: 294015037802

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



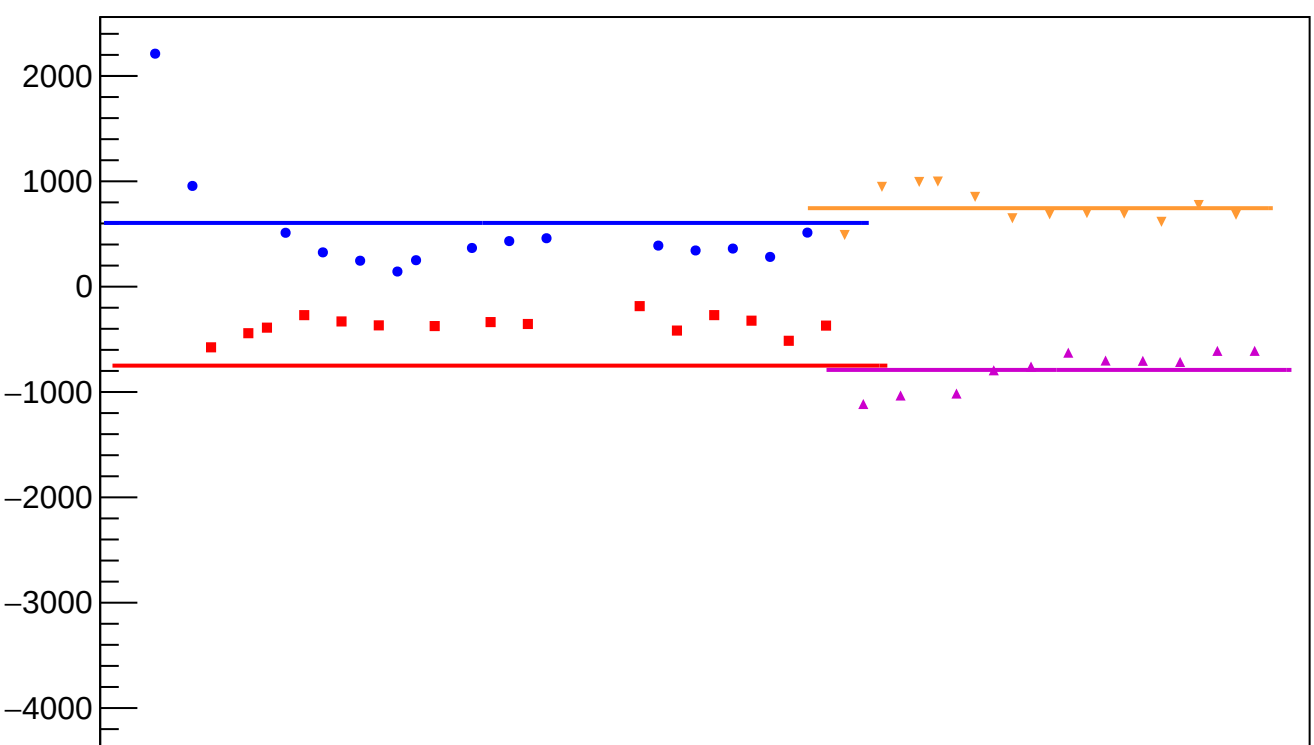
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr1_coil1_mean vs Slug, Sign Corrected



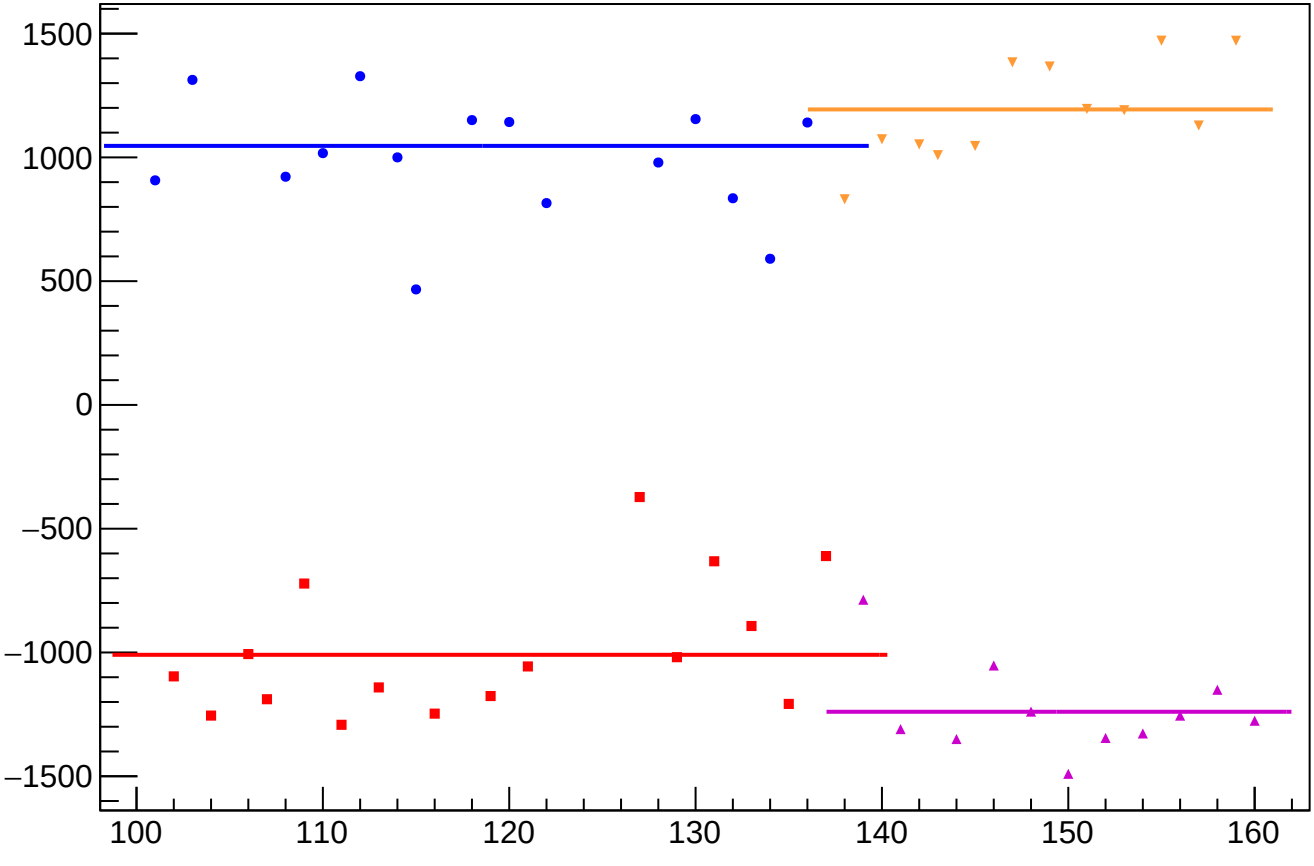
Left: -874.291+/-0.000 χ^2/NDF: 147554500401251
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9977.204+/-0.000 χ^2/NDF:691834785196318
Left In: -28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10
All: -262.152+/-0.000 χ^2/NDF: 18076481618

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



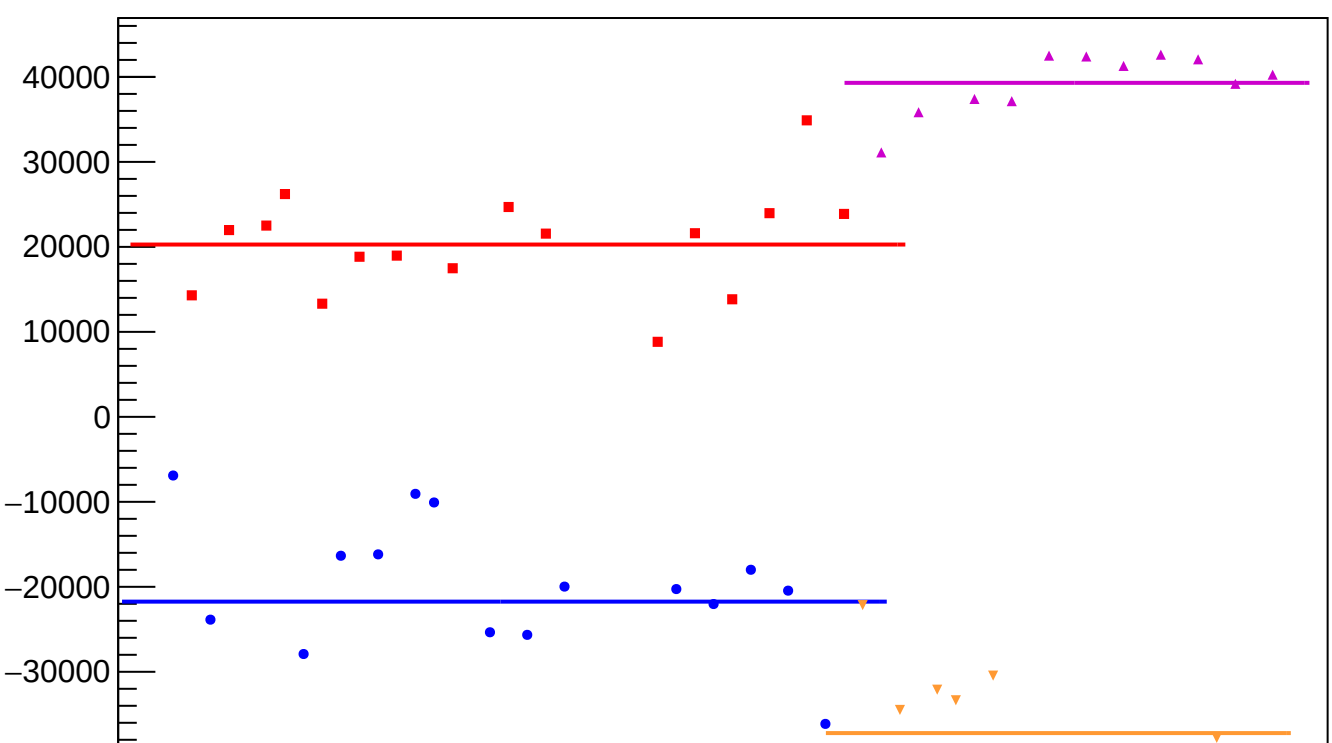
Left: -26.826+/-0.000 χ^2/NDF: 1129978912753072
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 744.985+/-0.000 χ^2/NDF:1957145398427896171993624787054444126 72.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 4
Right Out: -749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15
Out: 114.449+/-0.000 χ^2/NDF:190226279150661 6
Left In: -790.283+/-0.000 χ^2/NDF:2737599516301156010134916694943780044 8.0/10
All: -49.654+/-0.000 χ^2/NDF: 29466320745 7

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



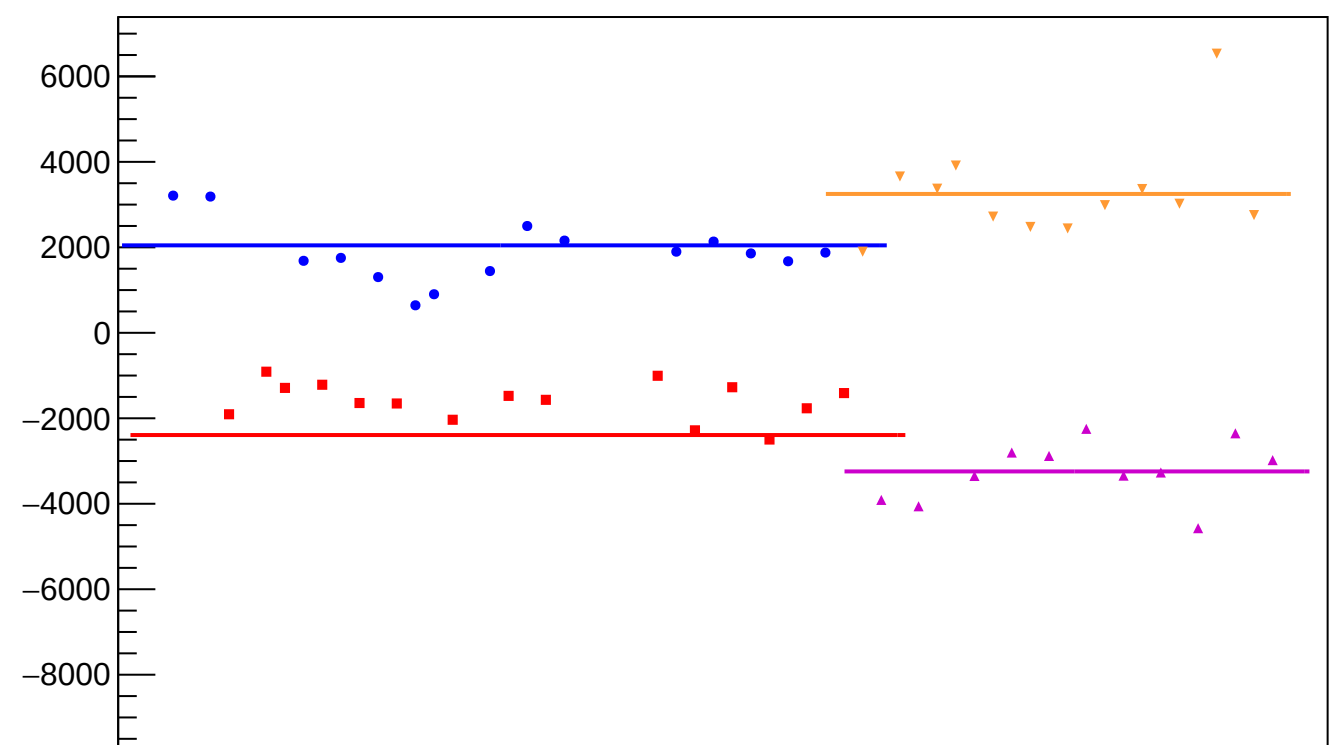
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr2_coil1_mean vs Slug, Sign Corrected



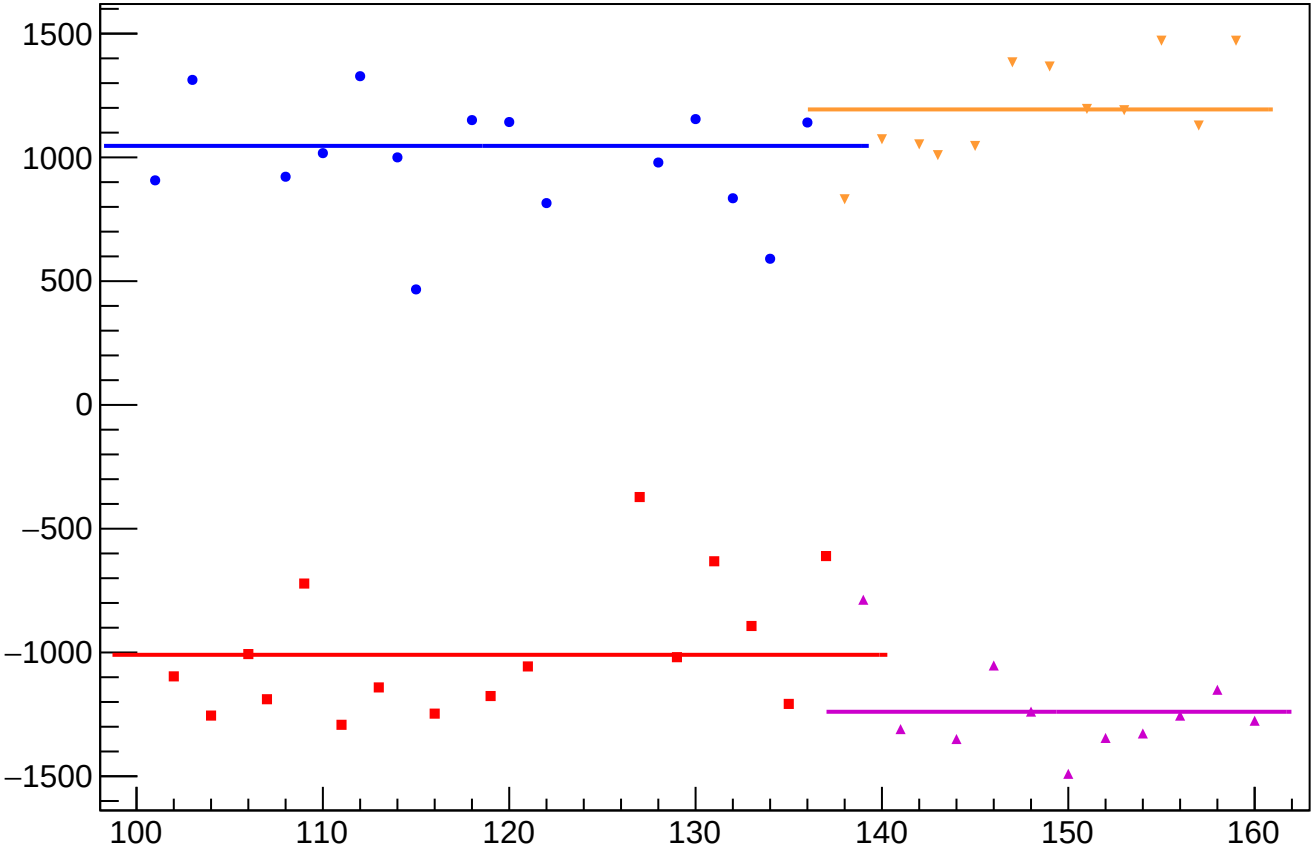
Left: 1253.360+/-0.000 χ^2/NDF: 273699578436603
Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
In: 14114.985+/-0.000 χ^2/NDF:147263048816292
Right Out: 20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
Out: -12958.212+/-0.000 χ^2/NDF:1336456927560
Left In: 39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10
All: 544.051+/-0.000 χ^2/NDF: 33870210816 3

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -14.745+/-0.000 χ^2/NDF: 2098375424202943
Right In: 2046.354+/-0.000 χ^2/NDF: 2665555159273488920368330583552263454 72.0/14
Right: -203.146+/-0.000 χ^2/NDF: 11161426338405
Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11
In: -1060.961+/-0.000 χ^2/NDF:113570353346731
Right Out: -2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15
Out: 869.355+/-0.000 χ^2/NDF:1787734182120147
Left In: -3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10
All: -93.355+/-0.000 χ^2/NDF: 321724014891

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

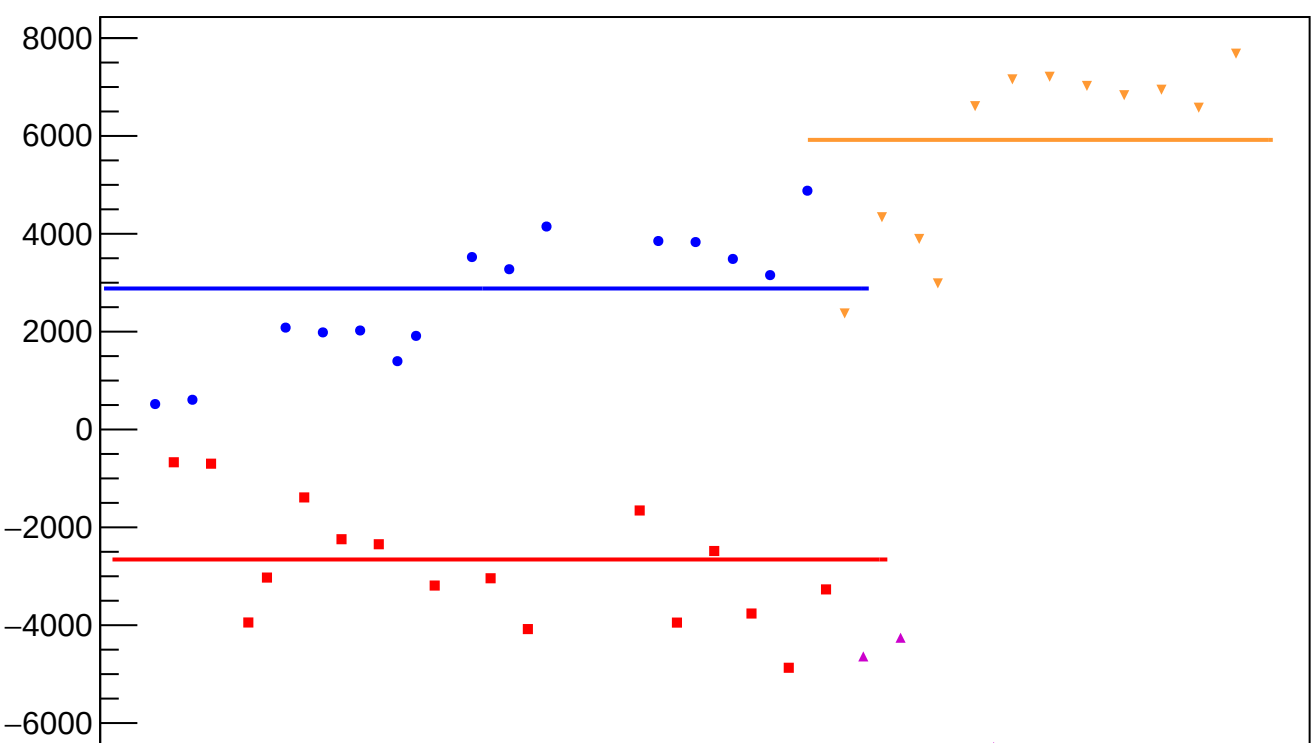
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

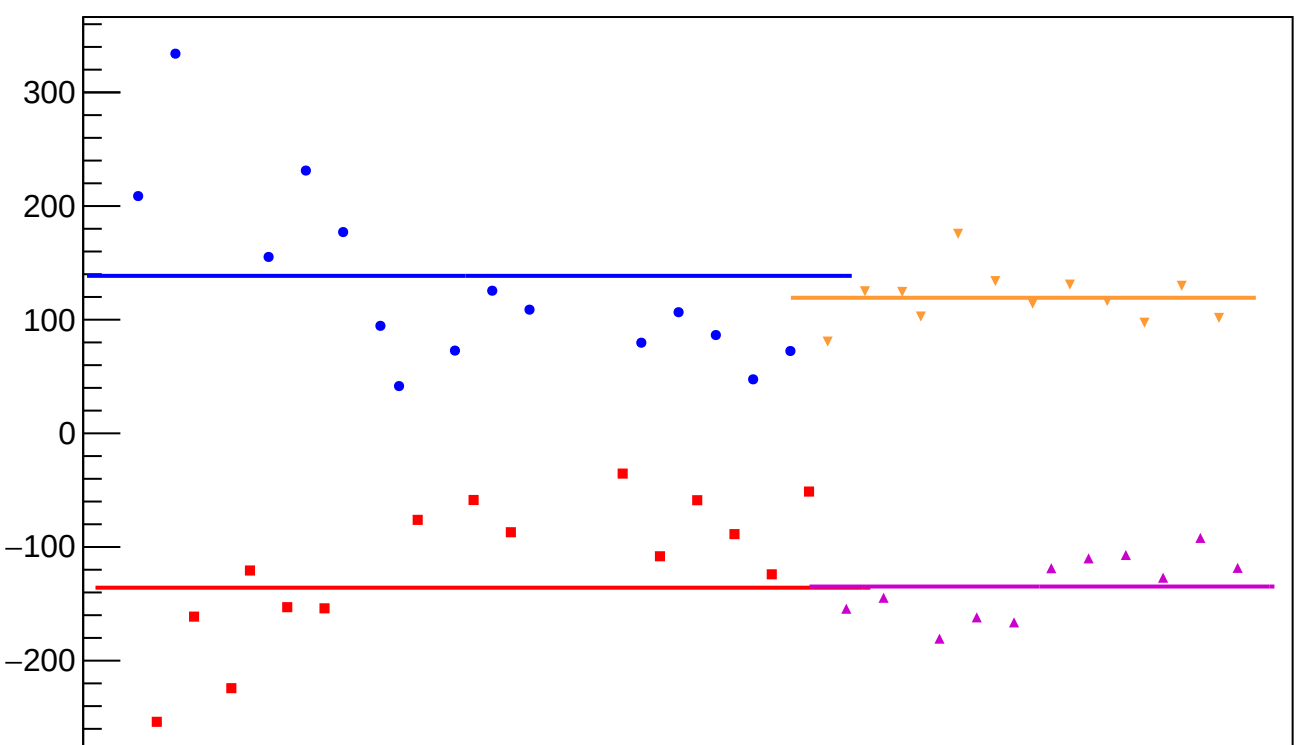
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -338.449+/-0.000 χ^2/NDF: 749205499962240
Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14
Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623
Left Out: 5919.511+/-0.000 χ^2/NDF:27790727000248458270279812401769857679 36.0/11
In: -2645.979+/-0.000 χ^2/NDF:360226231142325
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15
Out: 2301.245+/-0.000 χ^2/NDF:32219834427088 1
Left In: -6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10
All: -166.093+/-0.000 χ^2/NDF: 8754089406 5

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -8.443+/-0.000 χ^2/NDF: 30837594704815501

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

In: -21.999+/-0.000 χ^2/NDF:3342043565586624 5

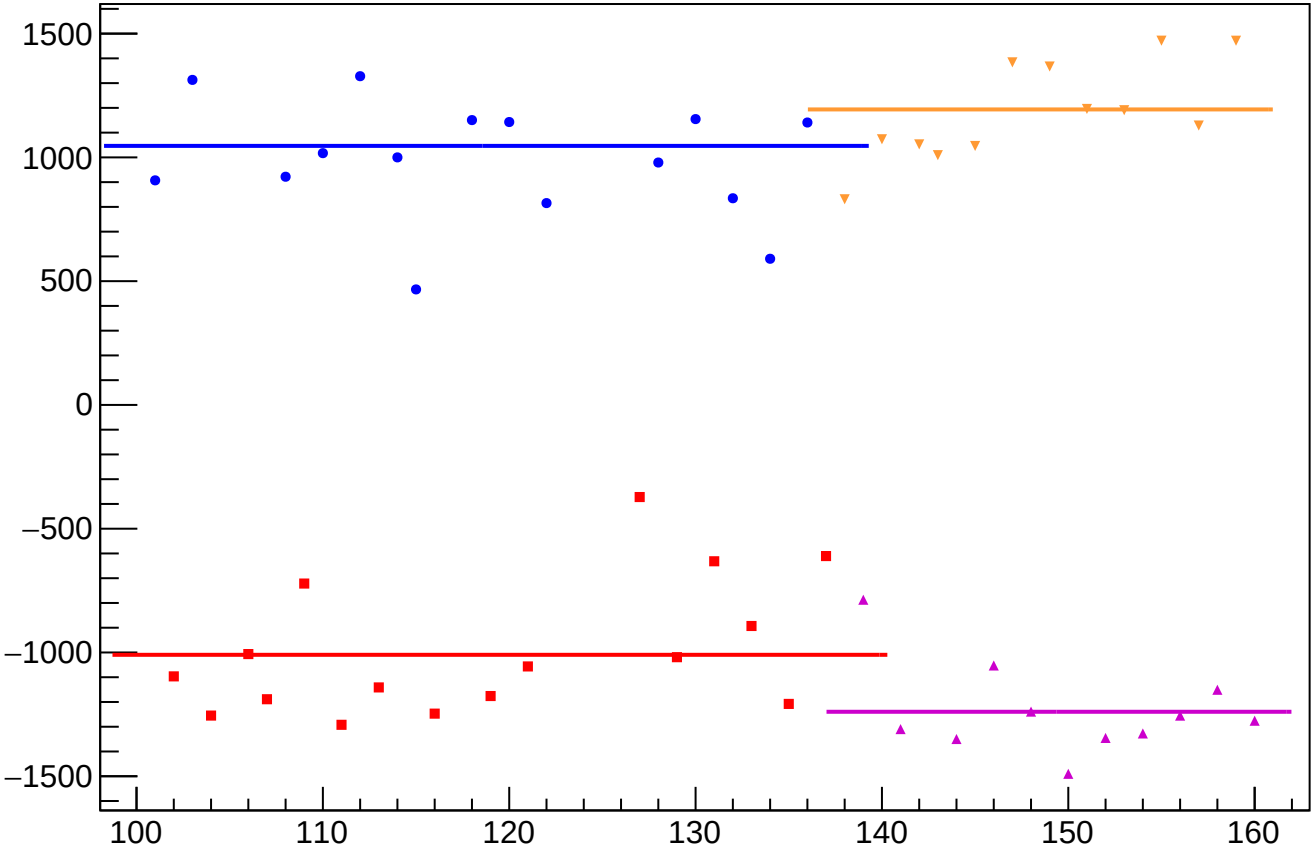
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.663+/-0.000 χ^2/NDF:2953589609078656 4

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

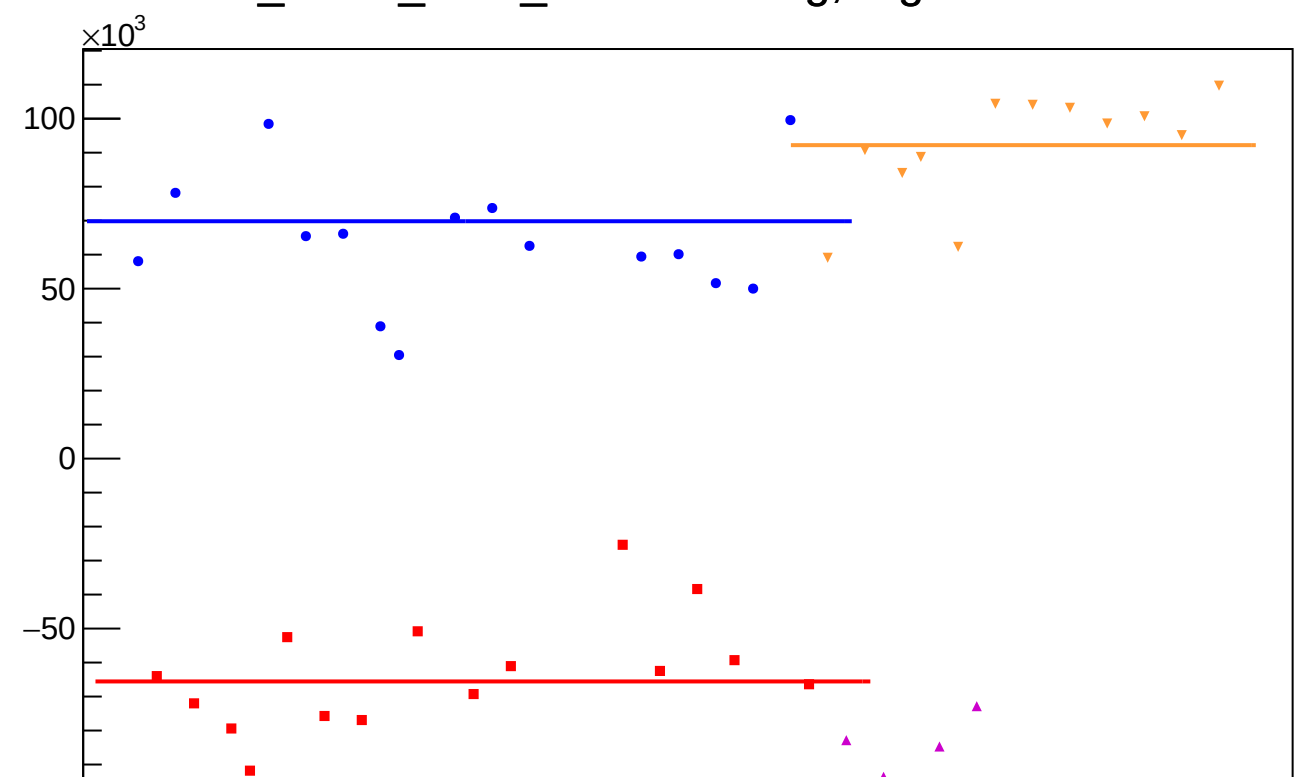
All: -5.125+/-0.000 χ^2/NDF: 6384982584601

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -2280.673+/-0.000 χ^2/NDF: 16562150487200

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 92210.698+/-0.000 χ^2/NDF:22657747665780758520208376768536028957900 8.0/11

In: -27434.339+/-0.000 χ^2/NDF:10741931116501

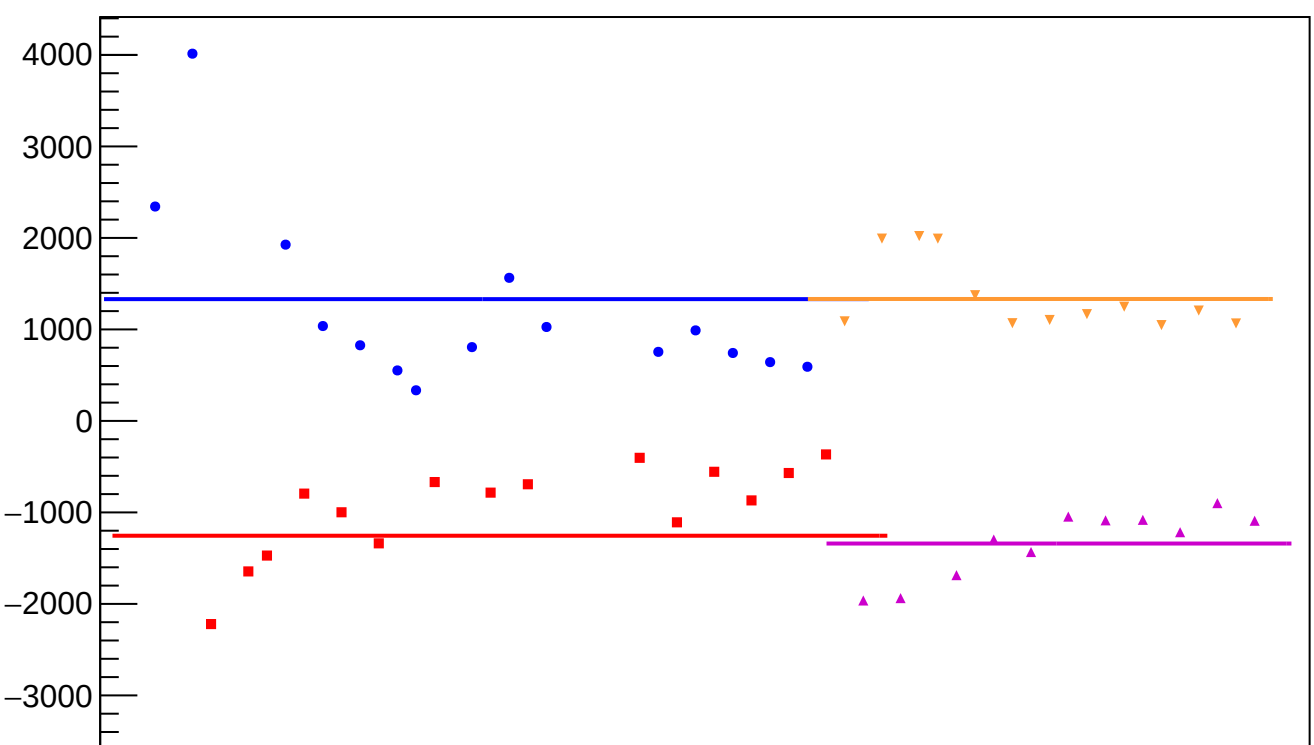
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25651.673+/-0.000 χ^2/NDF:10036256154988

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

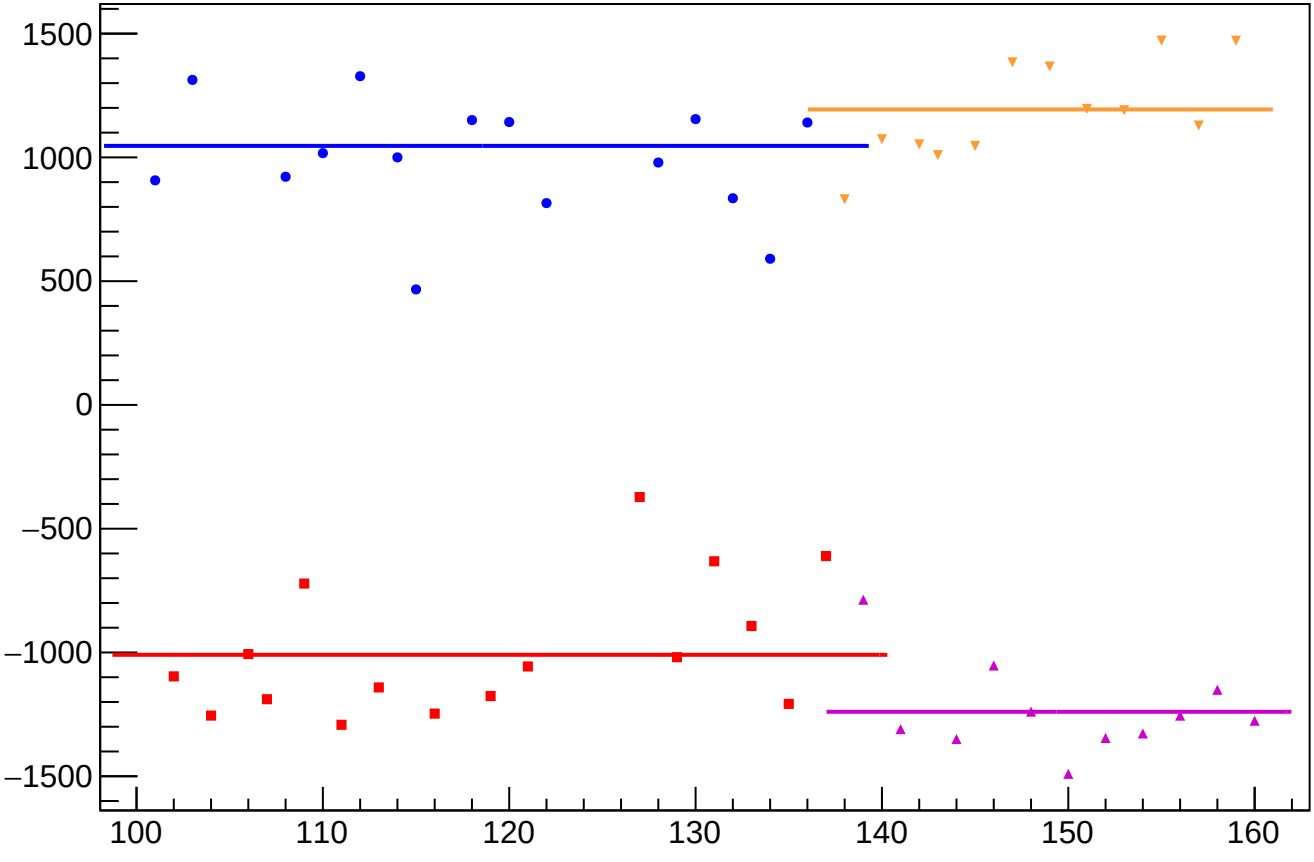
All: -824.008+/-0.000 χ^2/NDF: 23000264296

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



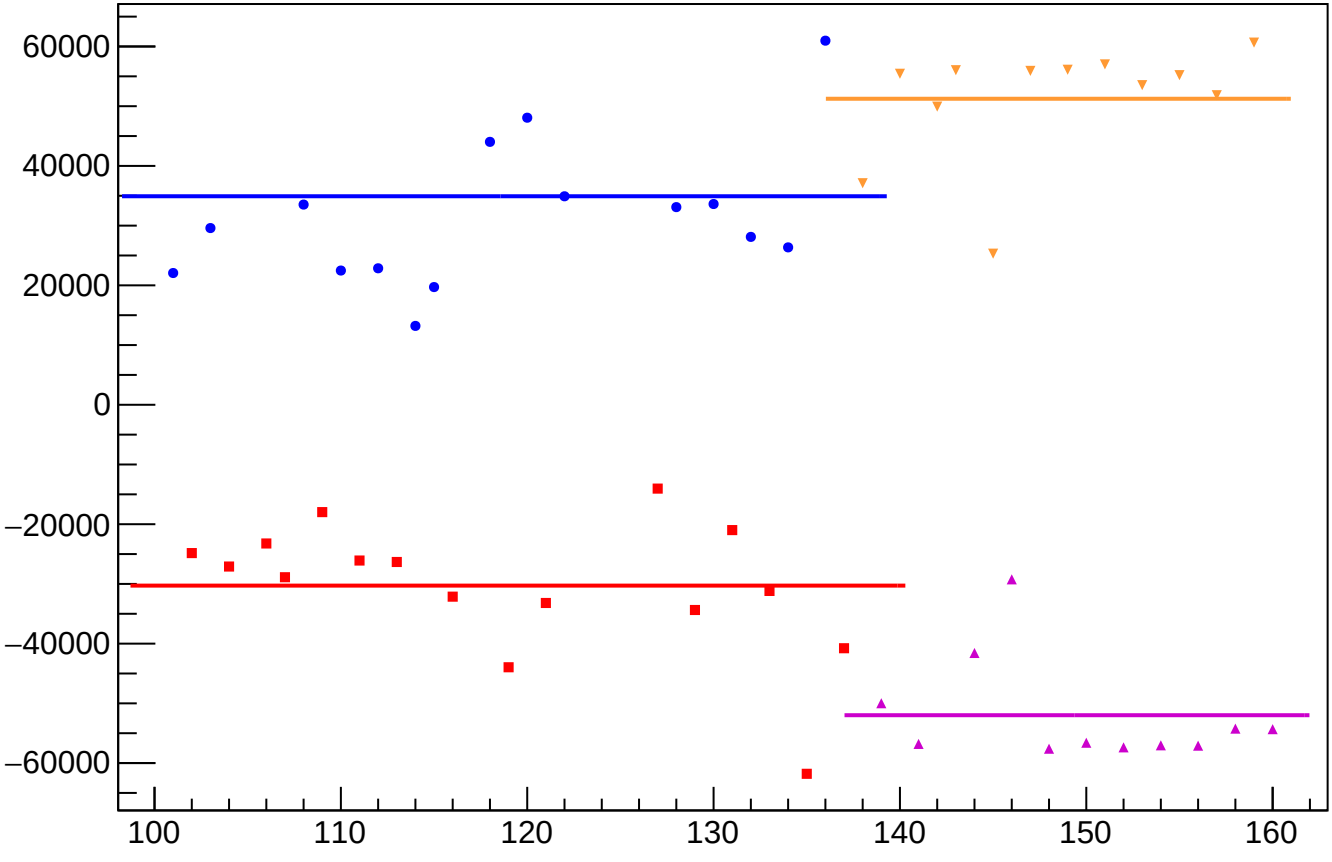
Left: -11.029+/-0.000 χ^2/NDF: 3514334276820303
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: 241.025+/-0.000 χ^2/NDF:3331380531893128
Left In: -1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777093 12.0/10
All: 2.067+/-0.000 χ^2/NDF: 6996159053055

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: -650.230+/-0.000 χ^2/NDF: 505001138848268

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

In: -16129.428+/-0.000 χ^2/NDF:30528033173327

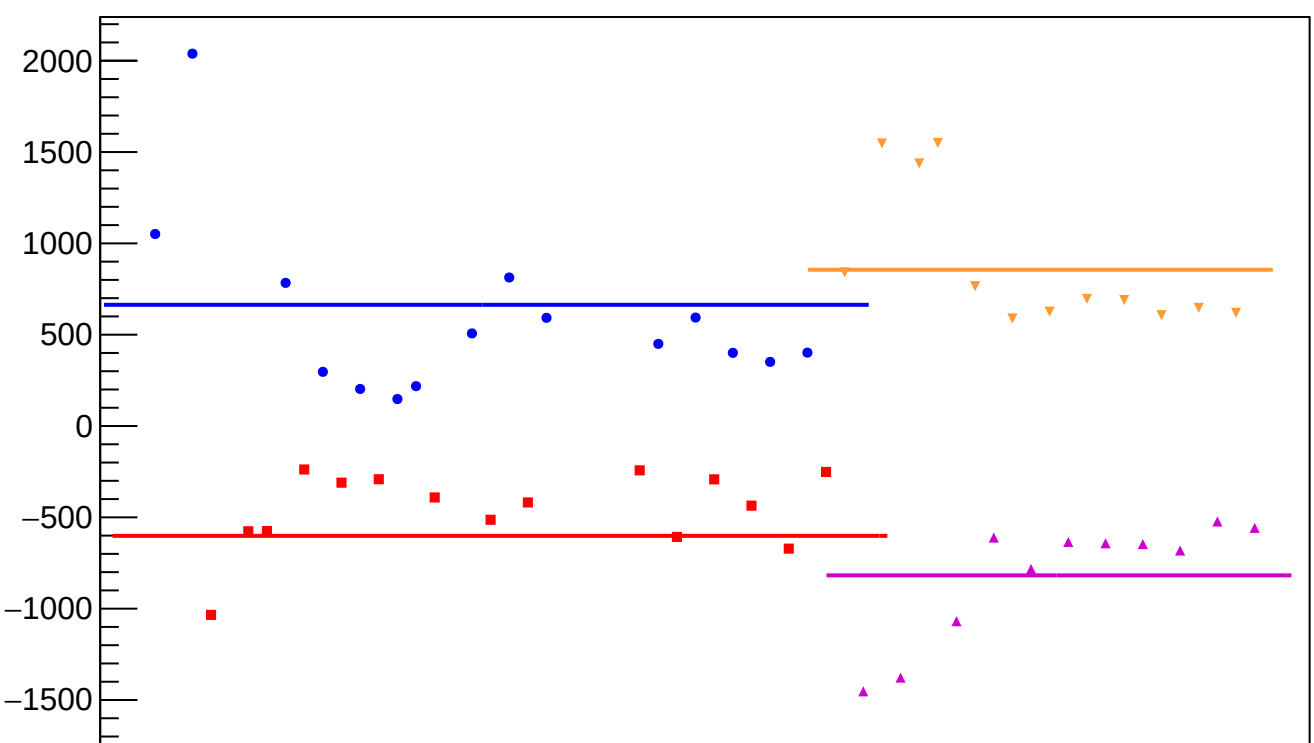
Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 16850.740+/-0.000 χ^2/NDF:2737604183227 1

Left In: -51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

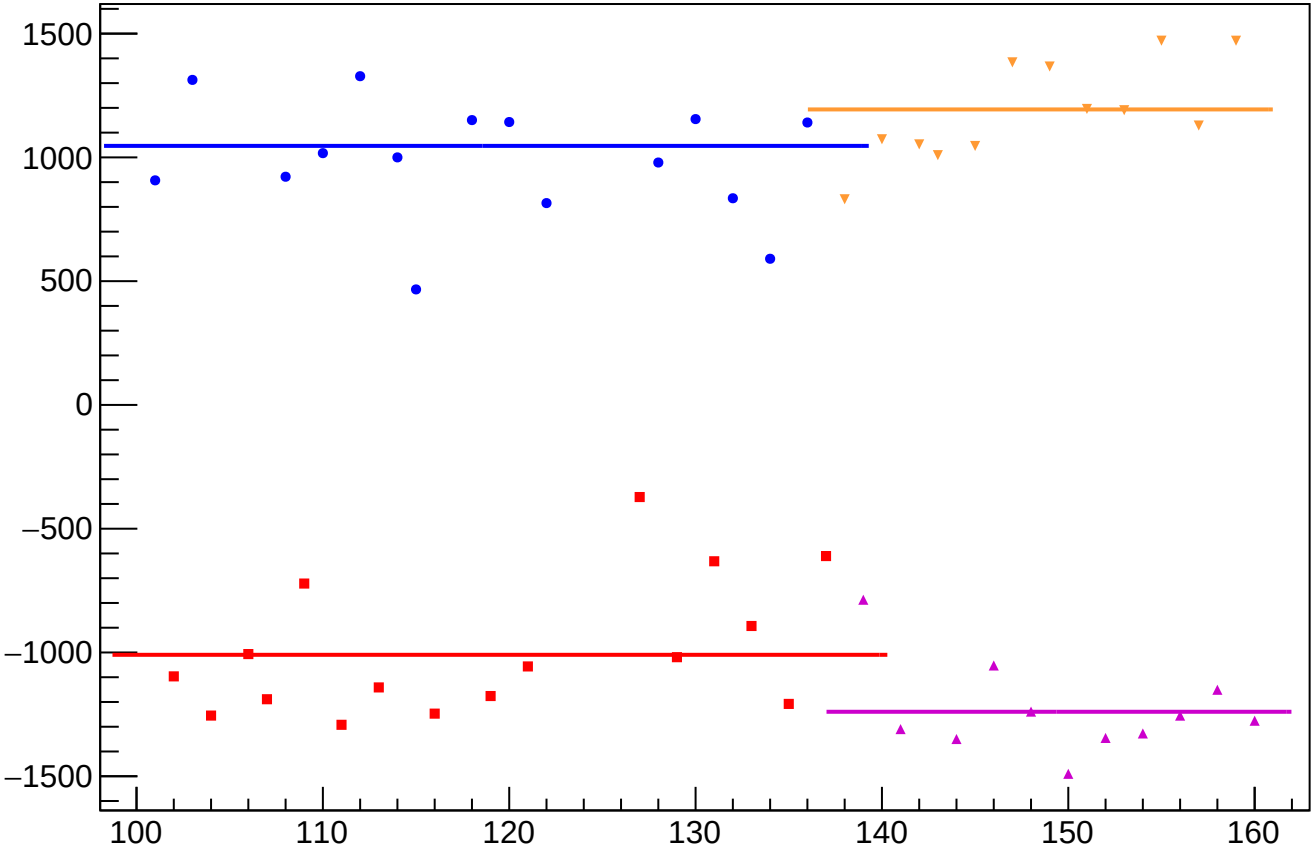
All: 402.483+/-0.000 χ^2/NDF: 66480467409 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



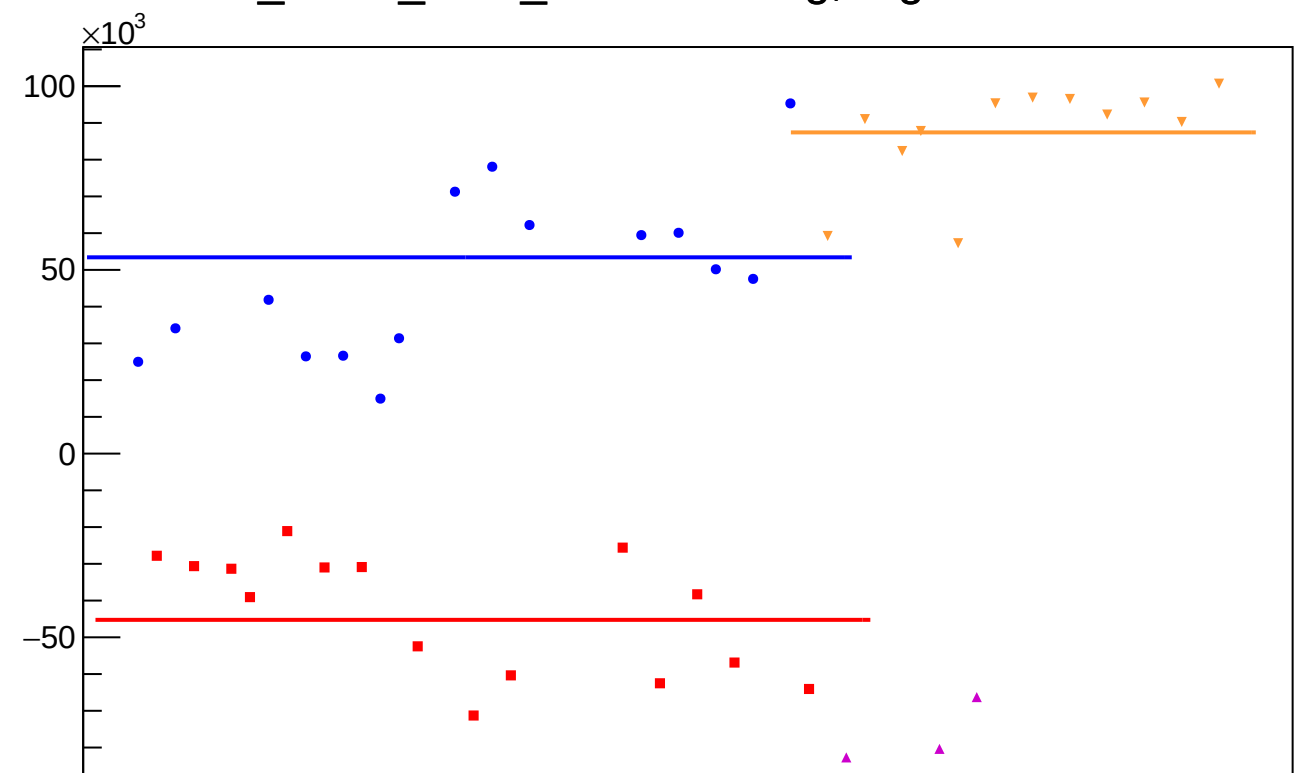
Left: 14.433+/-0.000 χ^2/NDF: 1491830780221848
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
In: -206.520+/-0.000 χ^2/NDF:1084558135298016
Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
Out: 241.007+/-0.000 χ^2/NDF:1083013180112686
Left In: -817.657+/-0.000 χ^2/NDF:9042954872371566332680529907681119436 8.0/10
All: 17.811+/-0.000 χ^2/NDF: 2325491183866

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -2060.108+/-0.000 χ^2/NDF: 14824251298743

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777346551808.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 87421.965+/-0.000 χ^2/NDF:17600944793397317229876580826958074332160.0/11

In: -31162.736+/-0.000 χ^2/NDF:83559951874998

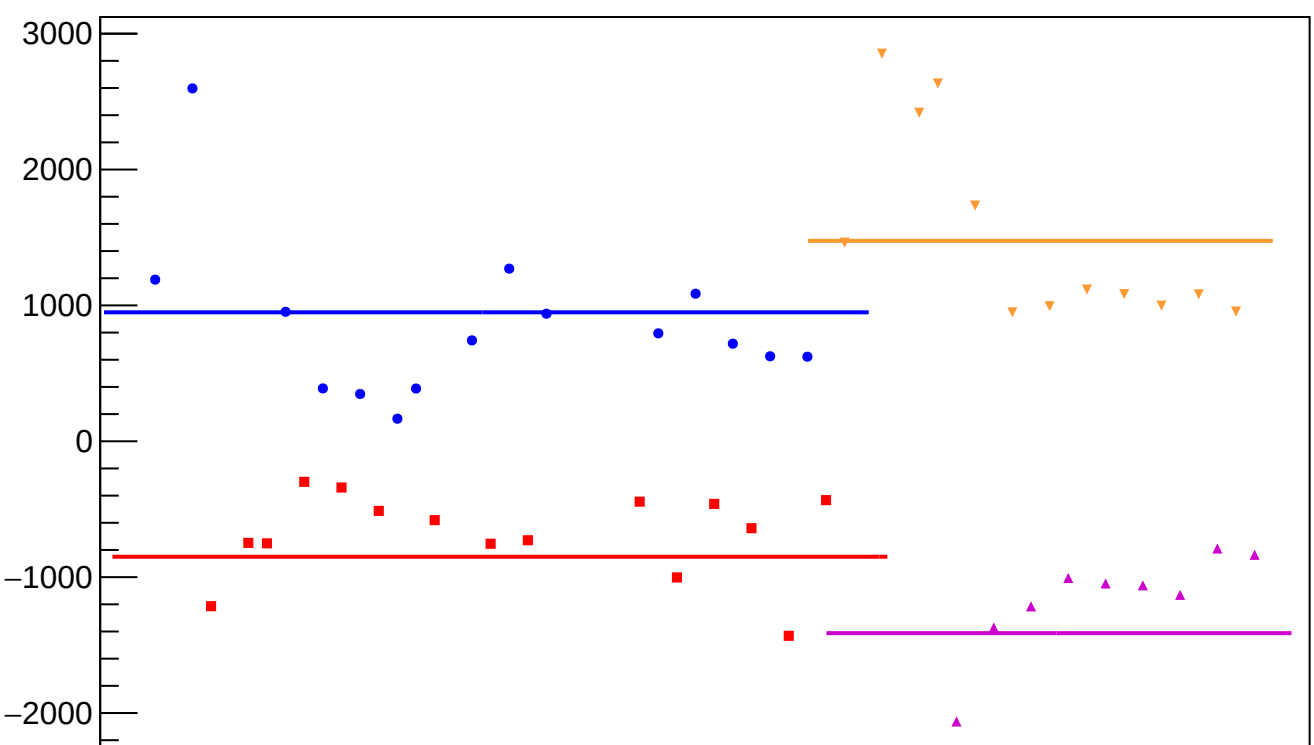
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405547928576.0/15

Out: 31450.674+/-0.000 χ^2/NDF:72491482538819

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

All: 223.377+/-0.000 χ^2/NDF: 186963897471

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Left: 23.551+/-0.000 χ^2/NDF: 4570501357423236

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

In: -437.909+/-0.000 χ^2/NDF:2684013086565036

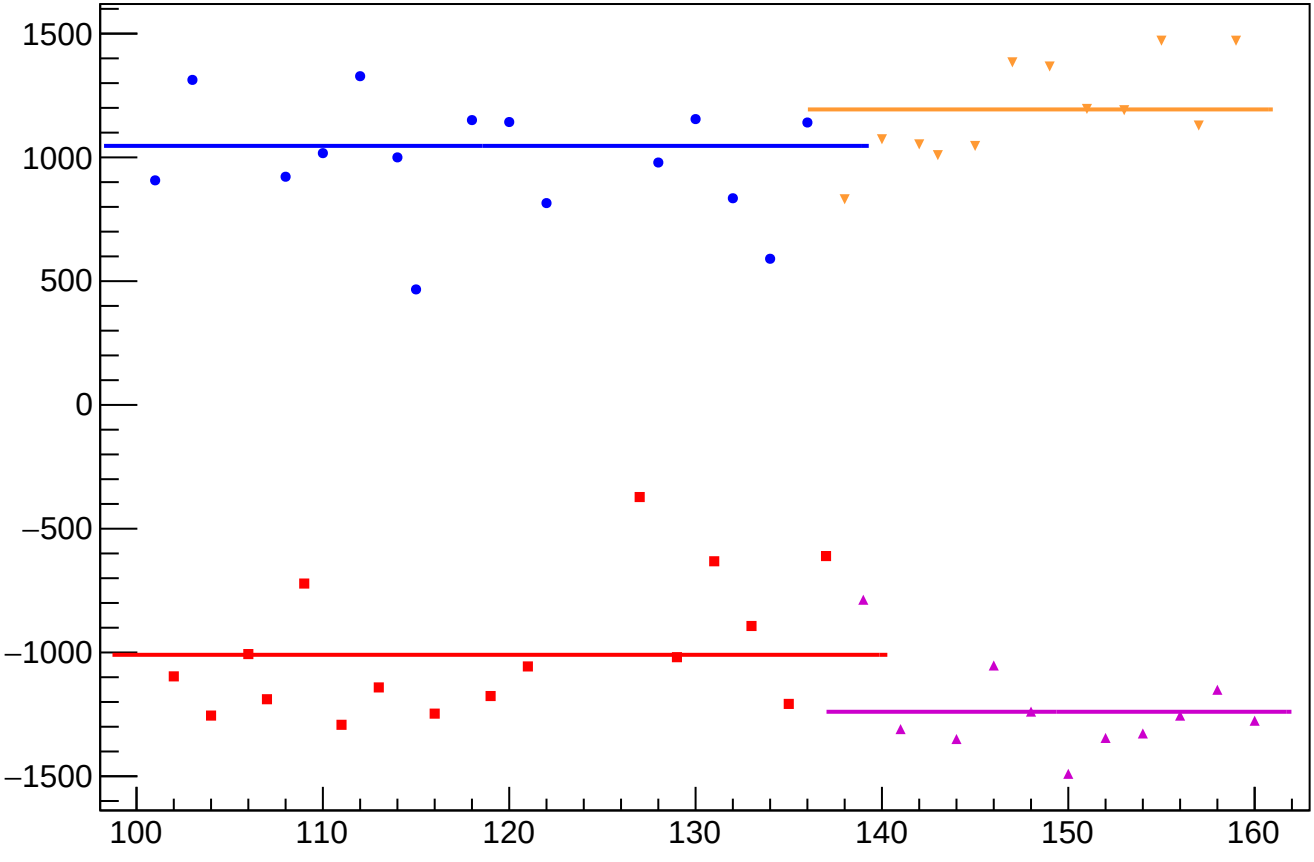
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 494.188+/-0.000 χ^2/NDF:2696503915470133

Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

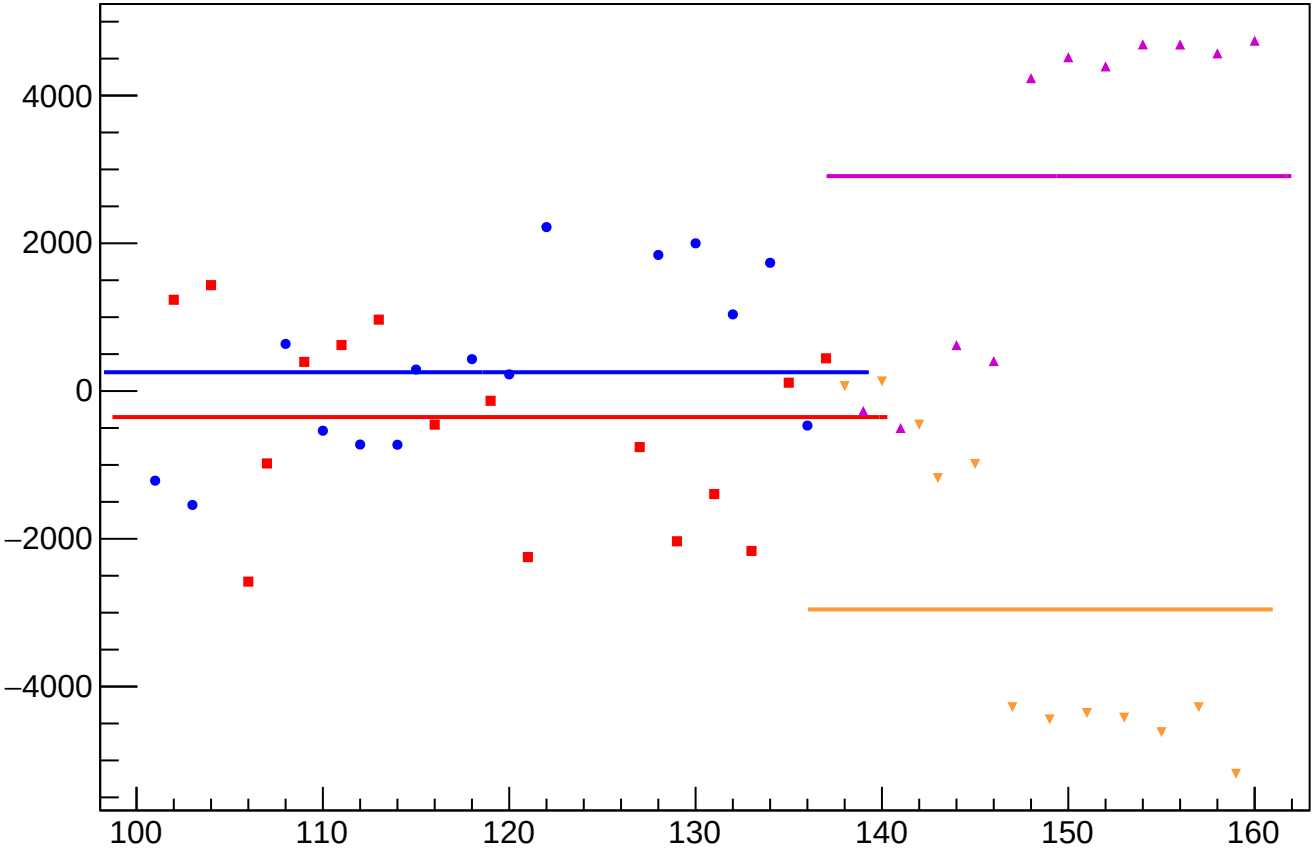
All: 29.322+/-0.000 χ^2/NDF: 6065565997163

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam5_coil1_mean vs Slug, Sign Corrected



Left: -7.270+/-0.000 χ^2/NDF: 23893577266149002

Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14

Right: -53.015+/-0.000 χ^2/NDF: 220036732540735

Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11

In: 1814.139+/-0.000 χ^2/NDF:804296313002970

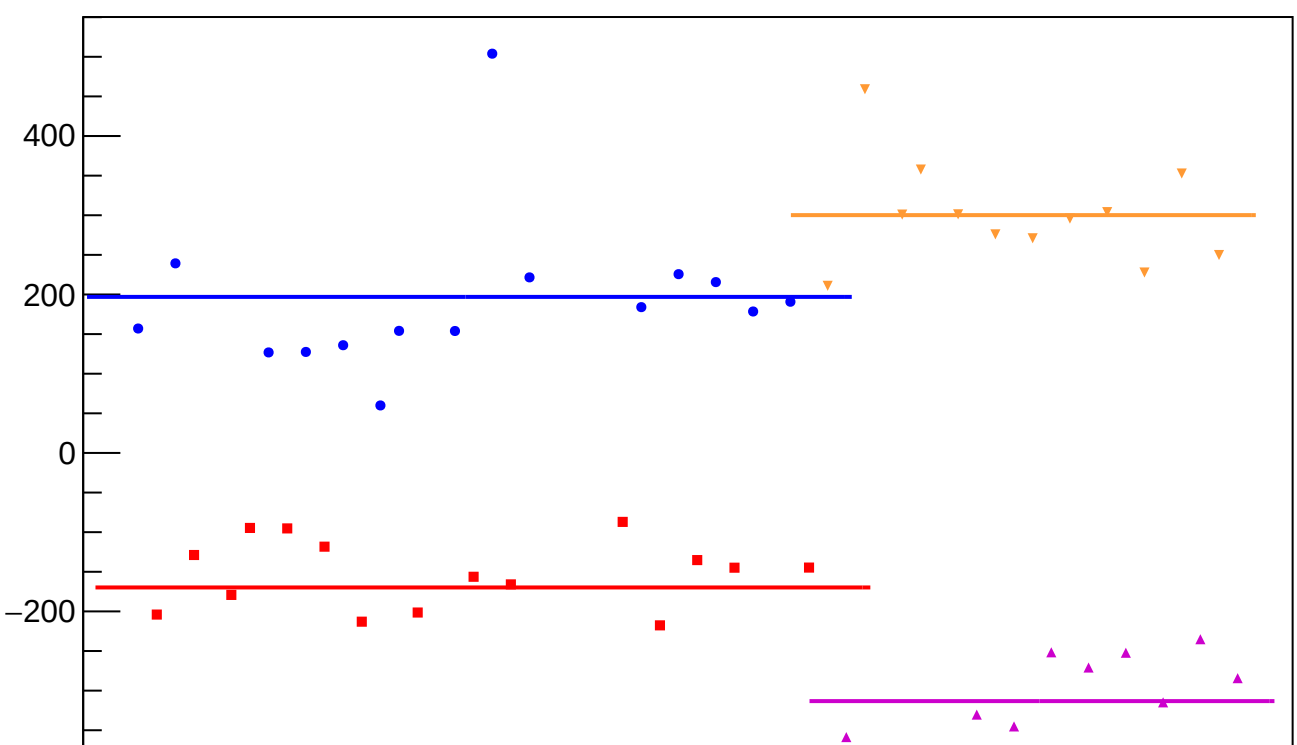
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

Out: -1857.540+/-0.000 χ^2/NDF:74227087248686

Left In: 2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

All: -26.357+/-0.000 χ^2/NDF: 260955494544

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Left: -8.206+/-0.000 χ^2/NDF: 17982757813530948

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

Left Out: 300.154+/-0.000 χ^2/NDF:3873021428685352941137053448690204672.0/11

In: -102.733+/-0.000 χ^2/NDF:1067935716569052

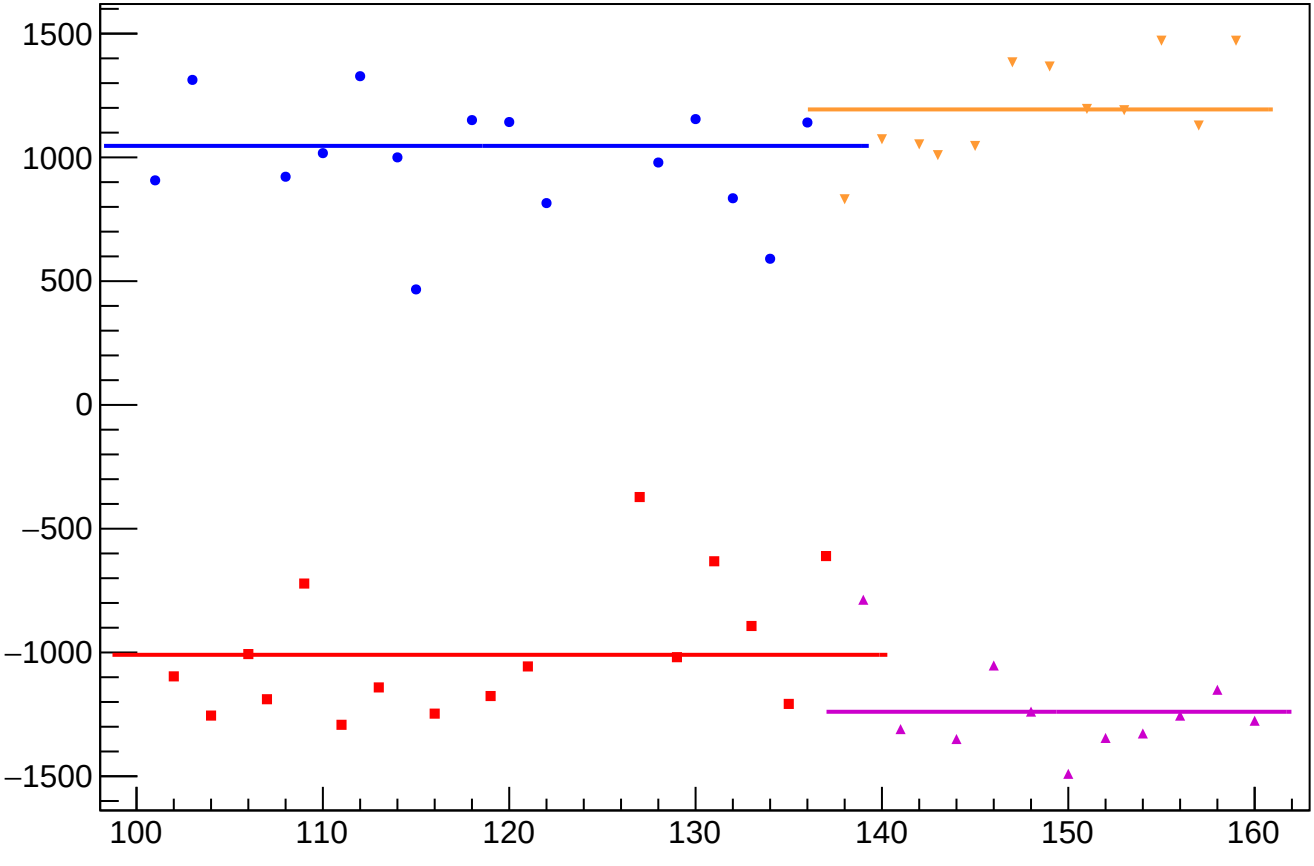
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 101.896+/-0.000 χ^2/NDF:929205168991504

Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10

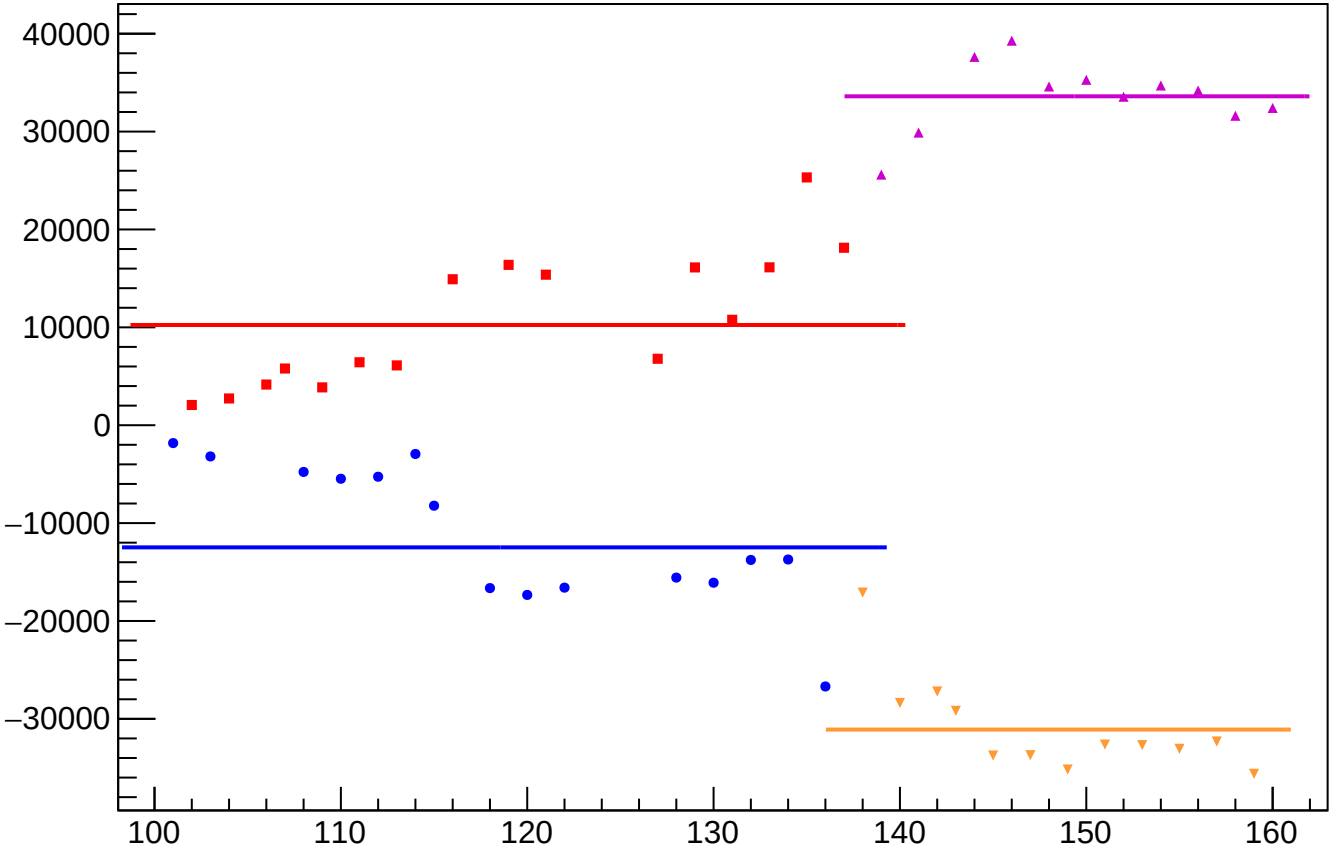
All: -0.159+/-0.000 χ^2/NDF: 2327307530740

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 1429.385+/-0.000 χ^2/NDF: 19565583595098

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

In: 14589.951+/-0.000 χ^2/NDF:86214672145906

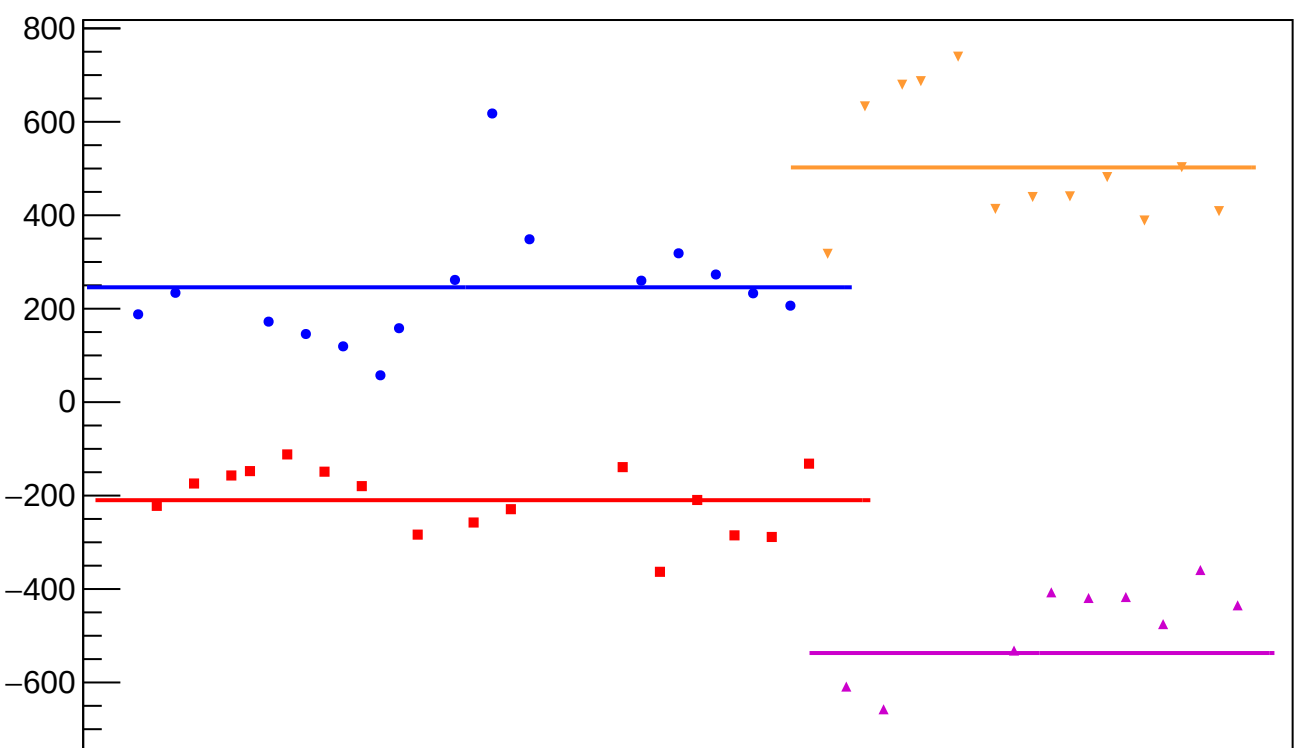
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -13657.980+/-0.000 χ^2/NDF:7118042053110

Left In: 33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

All: 430.161+/-0.000 χ^2/NDF: 22031269649

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 502.365+/-0.000 χ^2/NDF:1519156609286494211376362666392236851 2.0/11

Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

Left: -20.132+/-0.000 χ^2/NDF: 5323446467512180

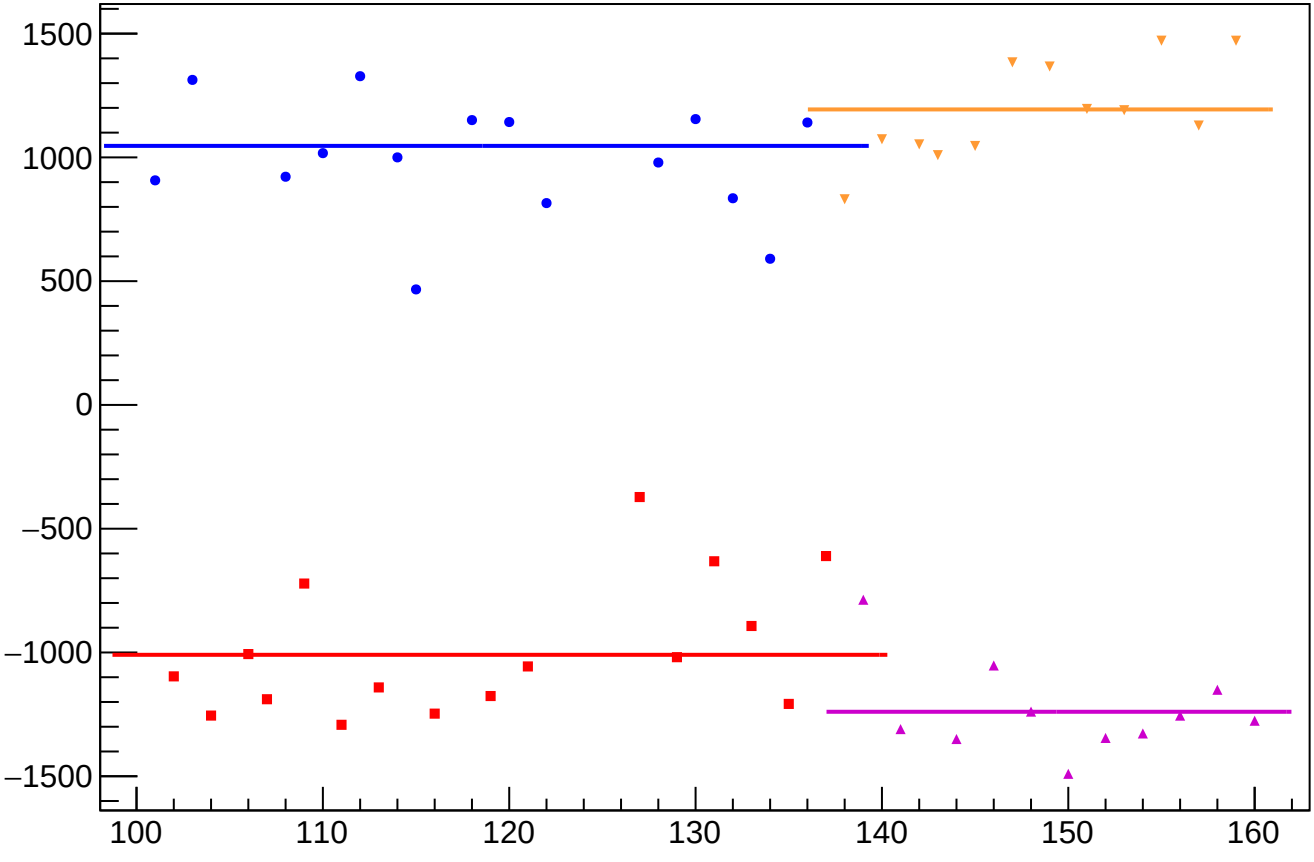
Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Out: 201.895+/-0.000 χ^2/NDF:2139138372014608

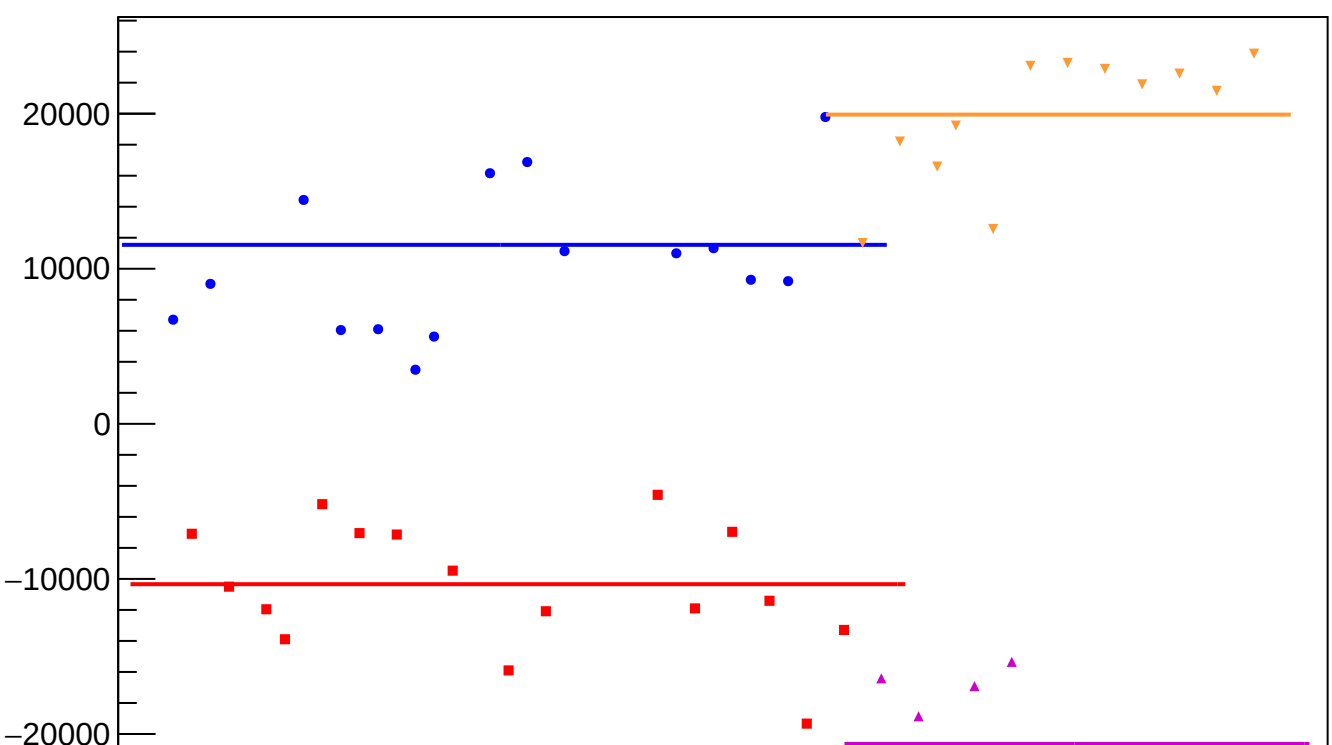
All: -5.524+/-0.000 χ^2/NDF: 6125424587177

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: -462.888+/-0.000 χ^2/NDF: 780393460783243

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19940.398+/-0.000 χ^2/NDF:150694867433458665068686580084002930032 64.0/11

In: -7364.946+/-0.000 χ^2/NDF:417673505445330

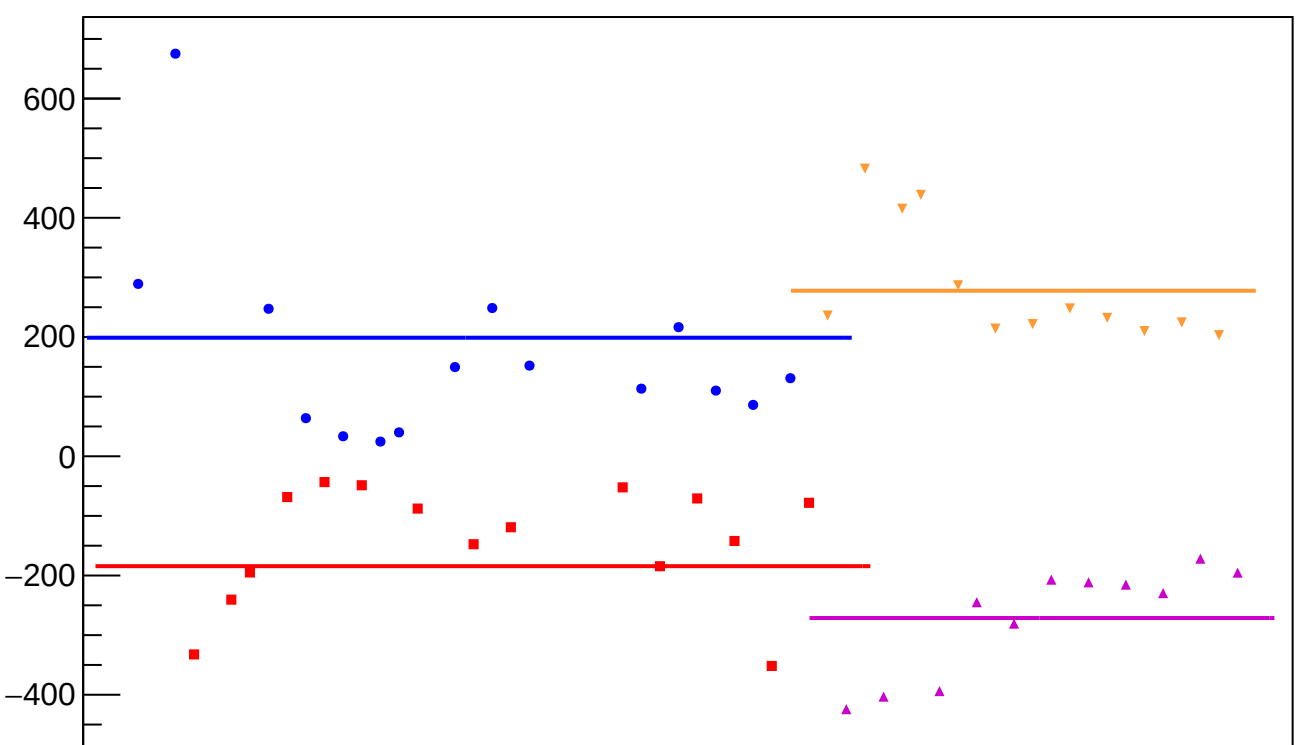
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7165.569+/-0.000 χ^2/NDF:37988973968207 7

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

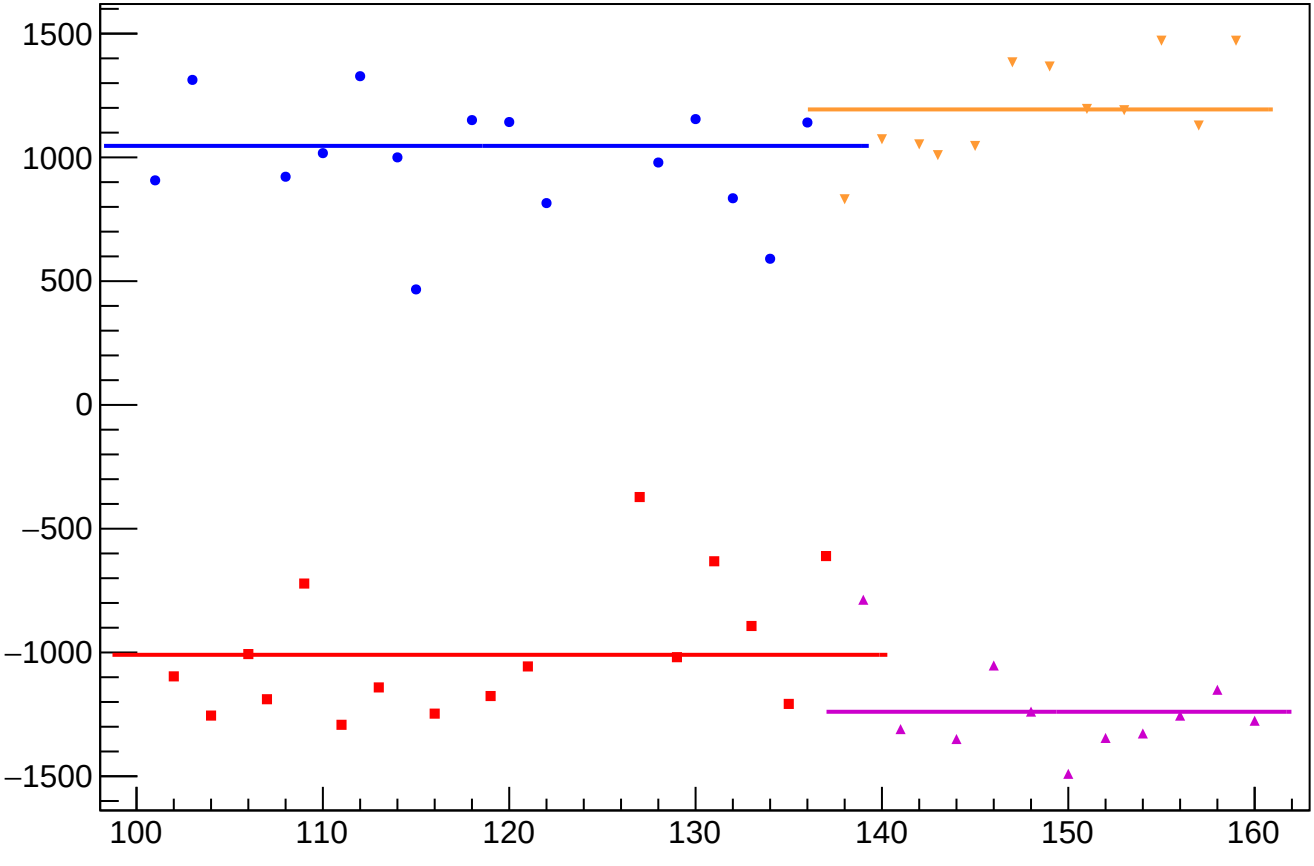
All: -81.261+/-0.000 χ^2/NDF: 964042806490

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



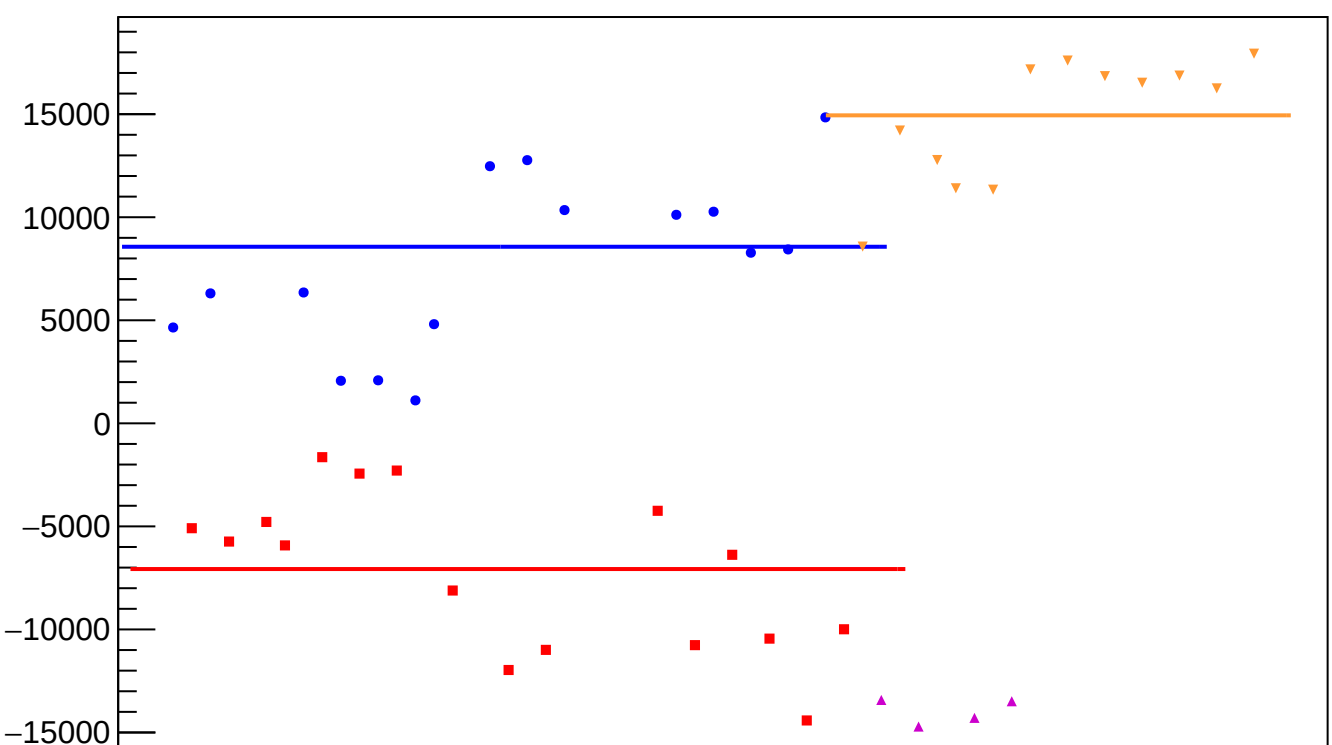
Left: 1.680+/-0.000 χ^2/NDF: 15360478630290122
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 277.638+/-0.000 χ^2/NDF:80386137058904862279846888470143303 68.0/11
In: -77.317+/-0.000 χ^2/NDF:10971103033492192
Right Out: -184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15
Out: 82.741+/-0.000 χ^2/NDF:1052585597535174
Left In: -271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10
All: 2.915+/-0.000 χ^2/NDF: 2351696492796

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



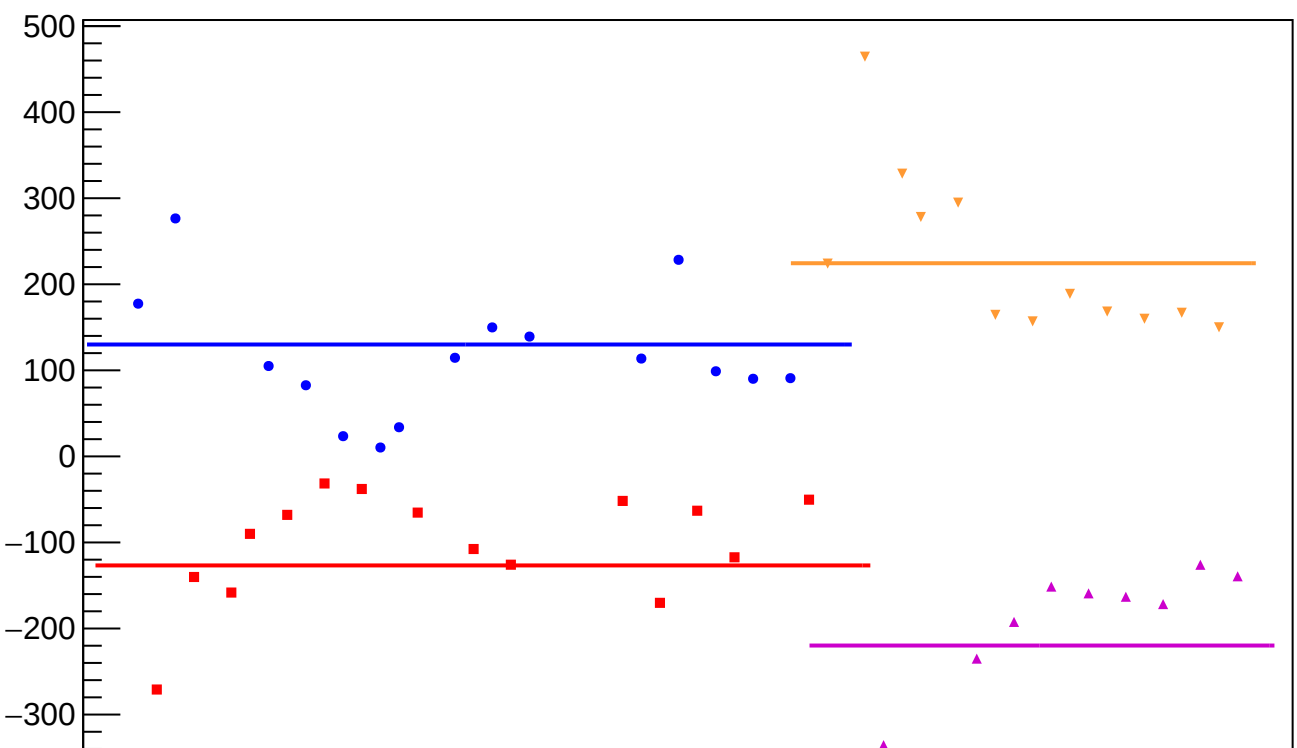
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam8_coil1_mean vs Slug, Sign Corrected



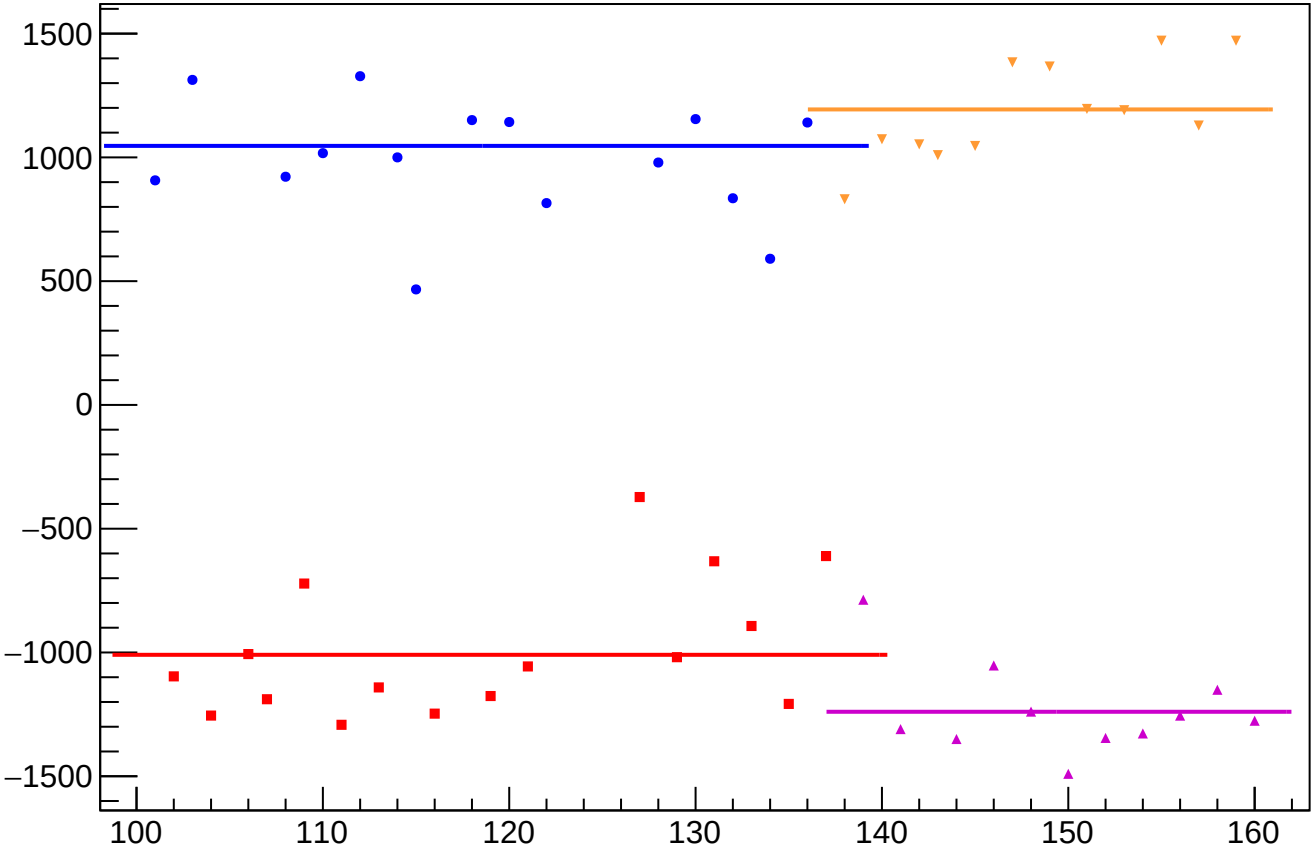
Left: -606.081+/-0.000 χ^2/NDF: 449973748621365
Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
Right: 642.005+/-0.000 χ^2/NDF: 101620430321781
Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11
In: -5856.261+/-0.000 χ^2/NDF:243442912299638
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15
Out: 5656.420+/-0.000 χ^2/NDF:204837318375848
Left In: -15987.436+/-0.000 χ^2/NDF:247039342825481572862908333262999912448 0.0/10
All: -85.320+/-0.000 χ^2/NDF: 552788797574

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



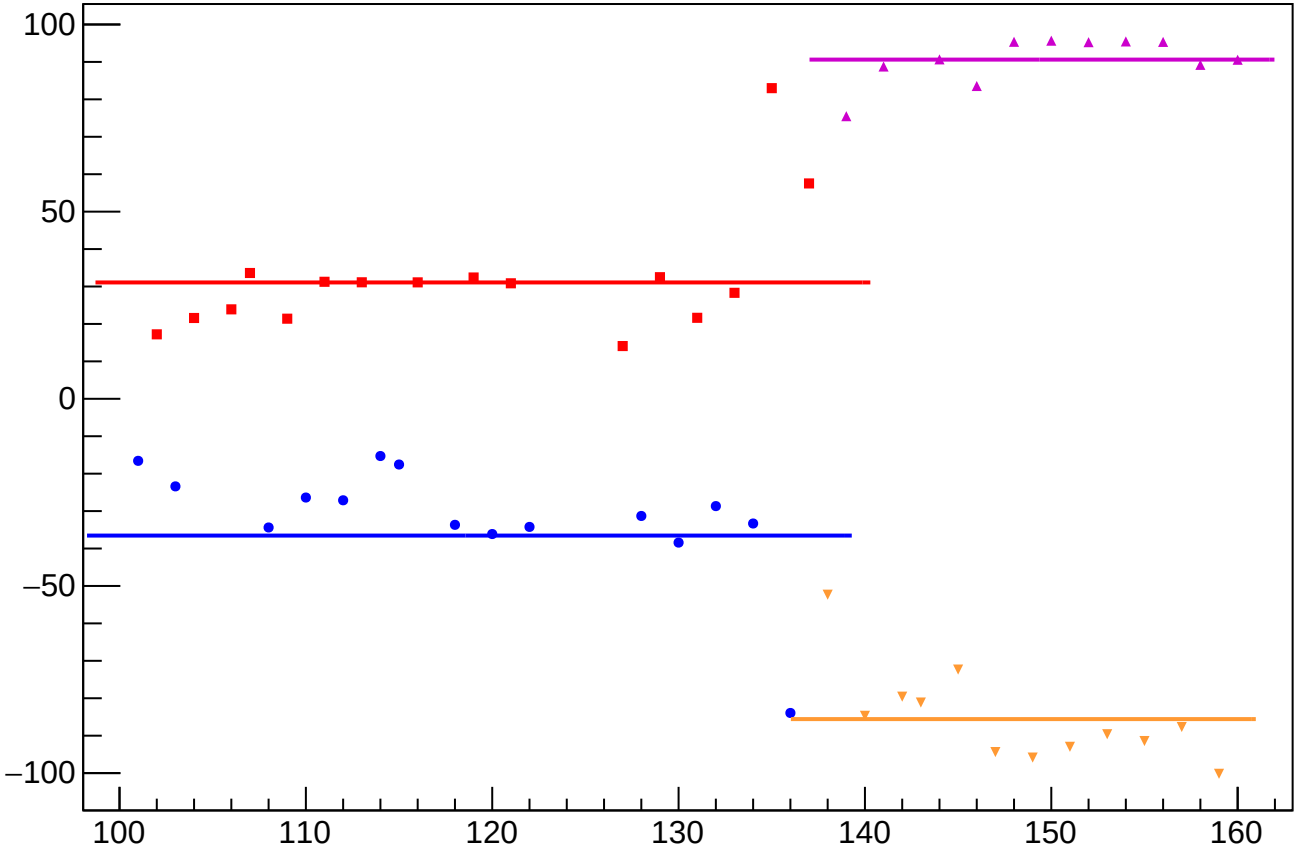
Left: 1.127+/-0.000 χ^2/NDF: 10597011405923870
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11
In: -75.461+/-0.000 χ^2/NDF:5718321474532916
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15
Out: 76.306+/-0.000 χ^2/NDF:6081924856680347
Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10
All: 0.615+/-0.000 χ^2/NDF: 1361639505758

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



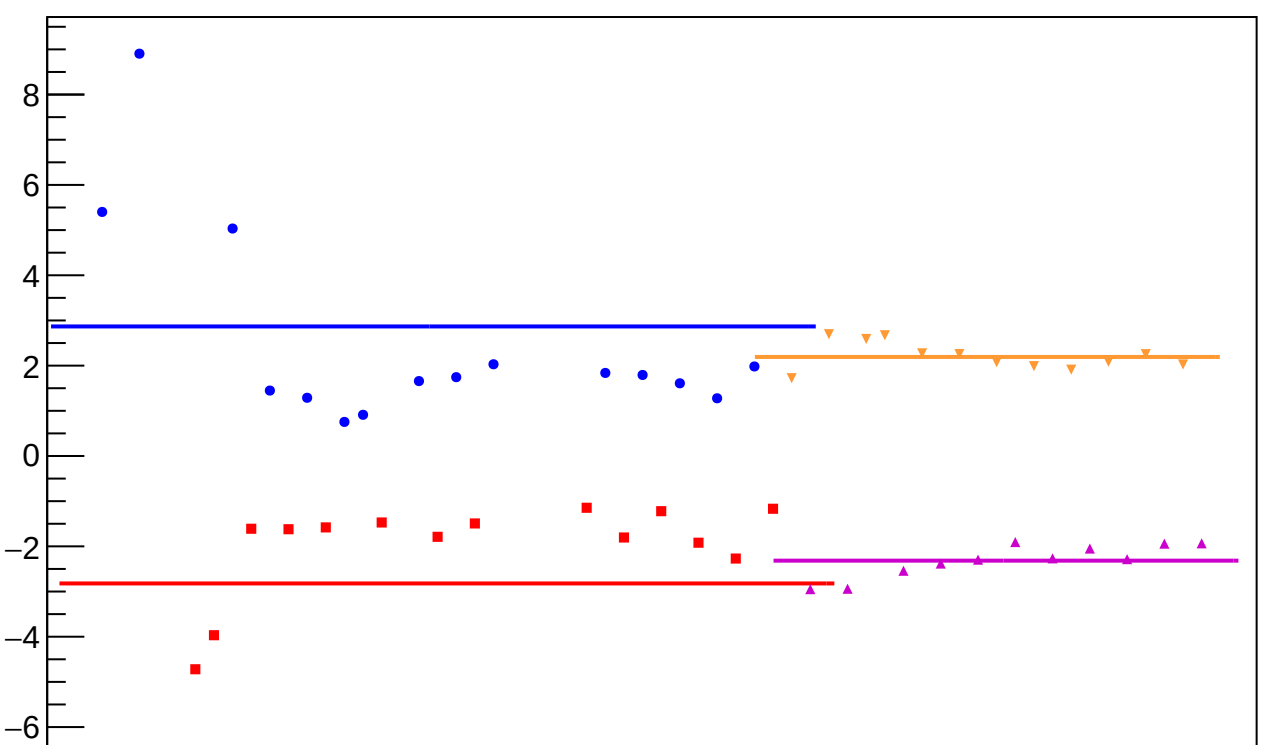
Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 3.003+/-0.000 χ^2/NDF: 14440185336752927
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11
In: 38.154+/-0.000 χ^2/NDF:64516085545673936
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -36.355+/-0.000 χ^2/NDF:5572346140178000
Left In: 90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10
All: 0.805+/-0.000 χ^2/NDF: 16401400360245

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.192+/-0.000 χ^2/NDF:7604390678914156108458001589862 4.0/11

Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Left In: -2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

Left: -0.075+/-0.000 χ^2/NDF: 95306809315306736

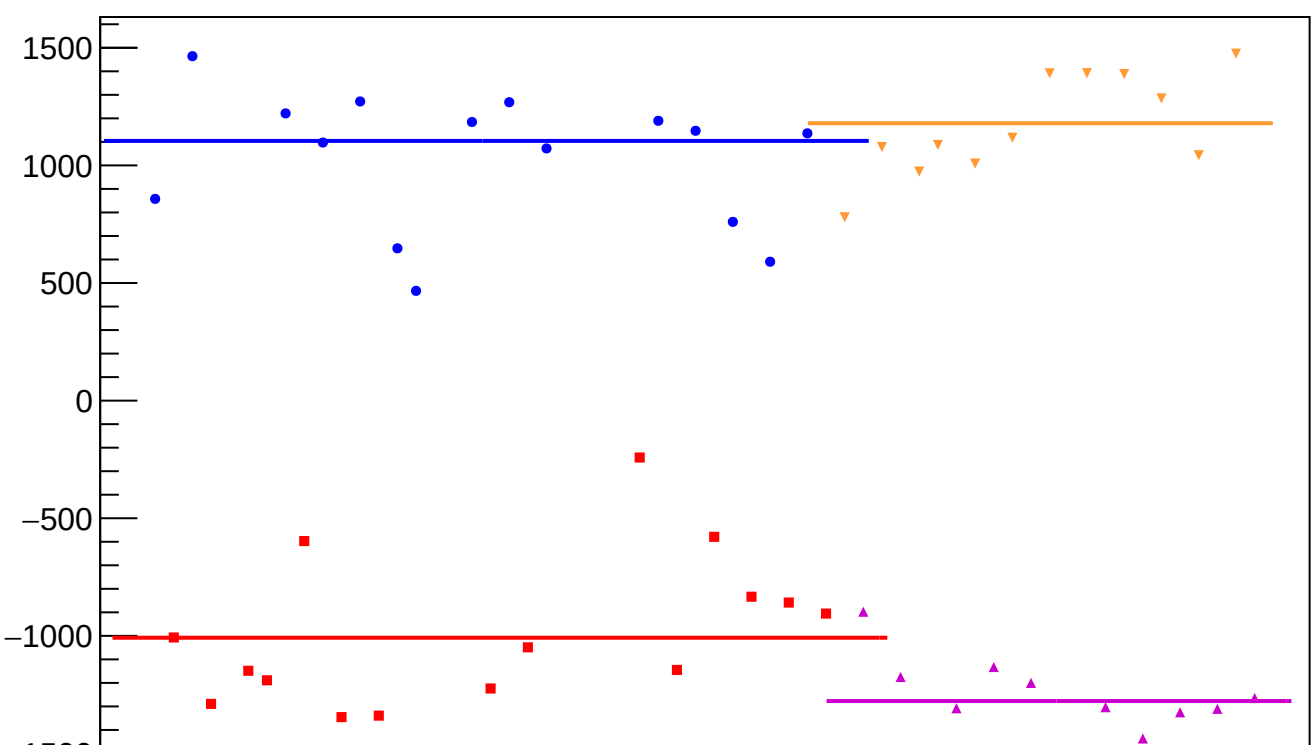
Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

In: -0.178+/-0.000 χ^2/NDF:138149448631133165

Out: 0.077+/-0.000 χ^2/NDF:12819402023000433 0

All: -0.050+/-0.000 χ^2/NDF: 2668555650335

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

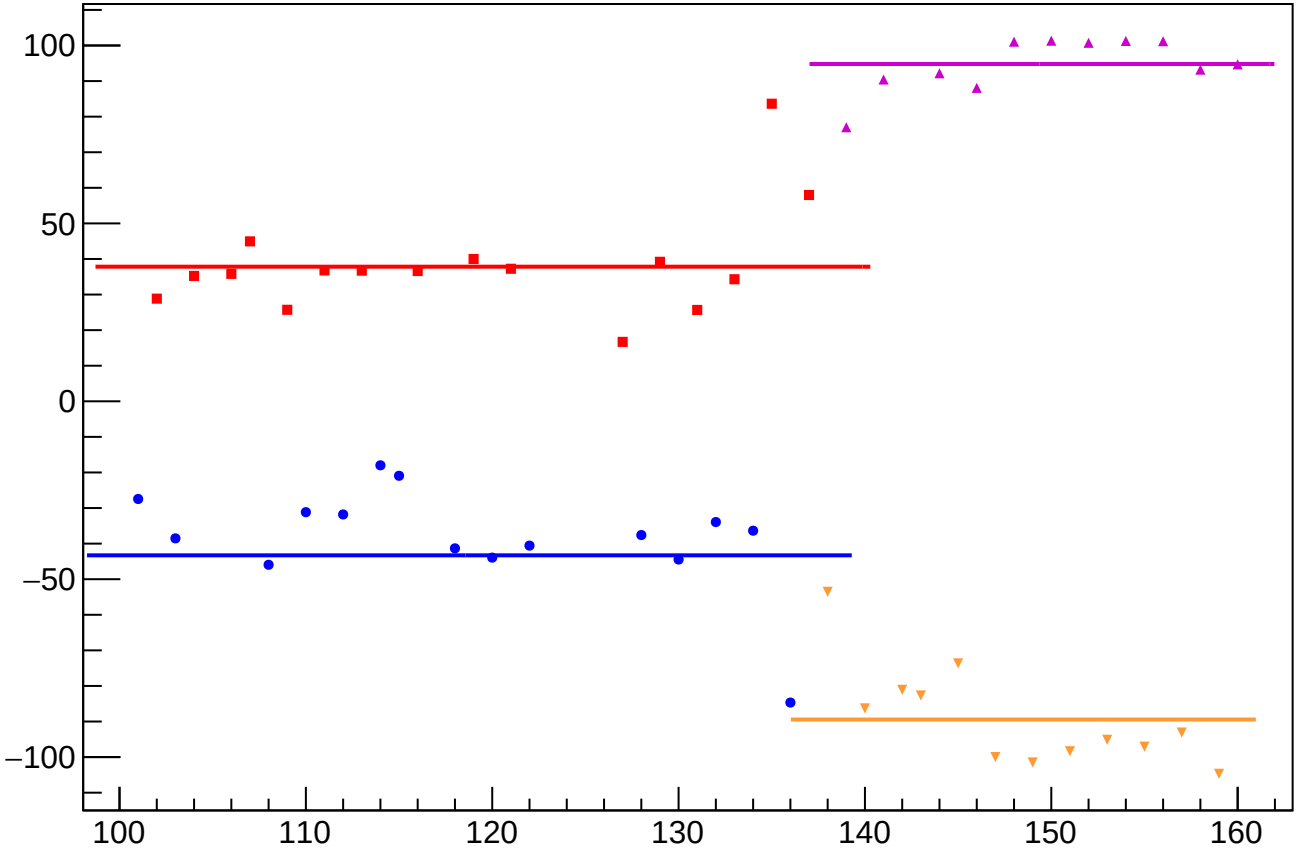
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 3.181+/-0.000 χ^2/NDF: 158268282831051271

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -89.439+/-0.000 χ^2/NDF:181119962985690841138788427972476928.0/11

In: 37.826+/-0.000 χ^2/NDF:751790372998047563

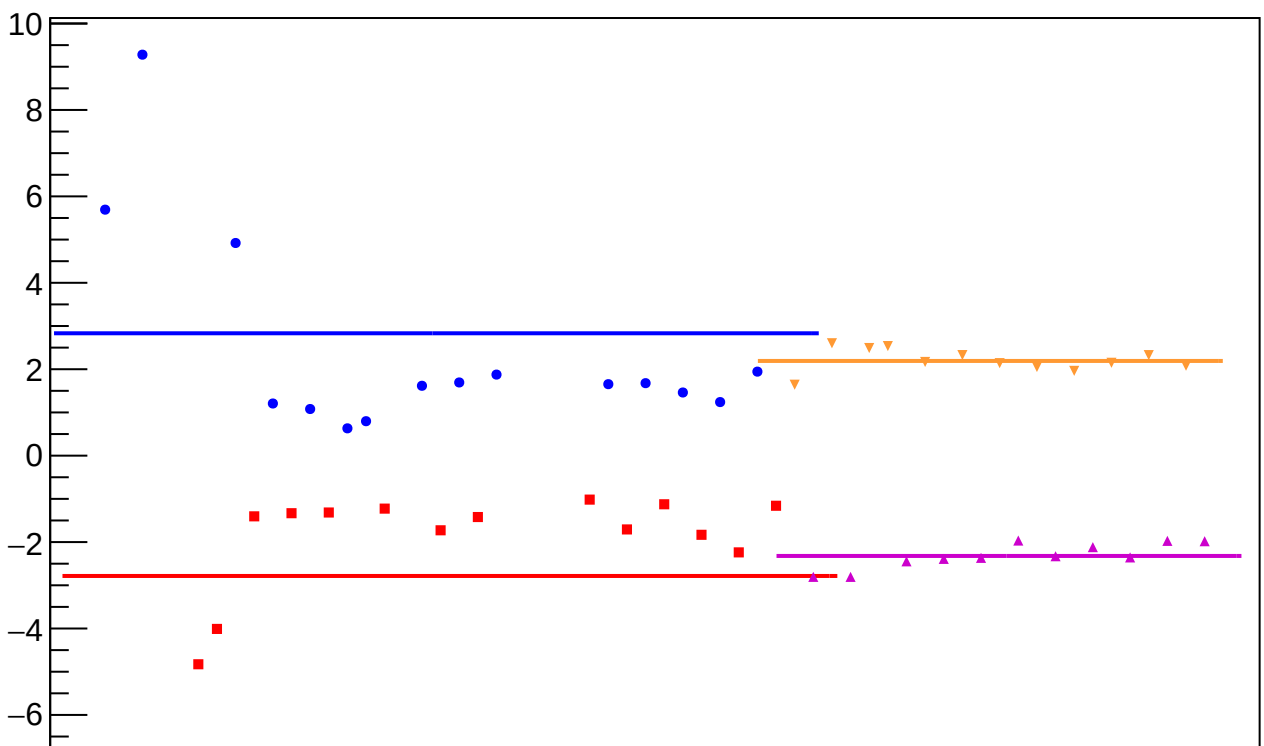
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.745+/-0.000 χ^2/NDF:6575776048743356

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

All: 0.947+/-0.000 χ^2/NDF: 1836150818238

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.077+/-0.000 χ^2/NDF: 94909091783771973

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

In: -0.195+/-0.000 χ^2/NDF:1415385013408516 11

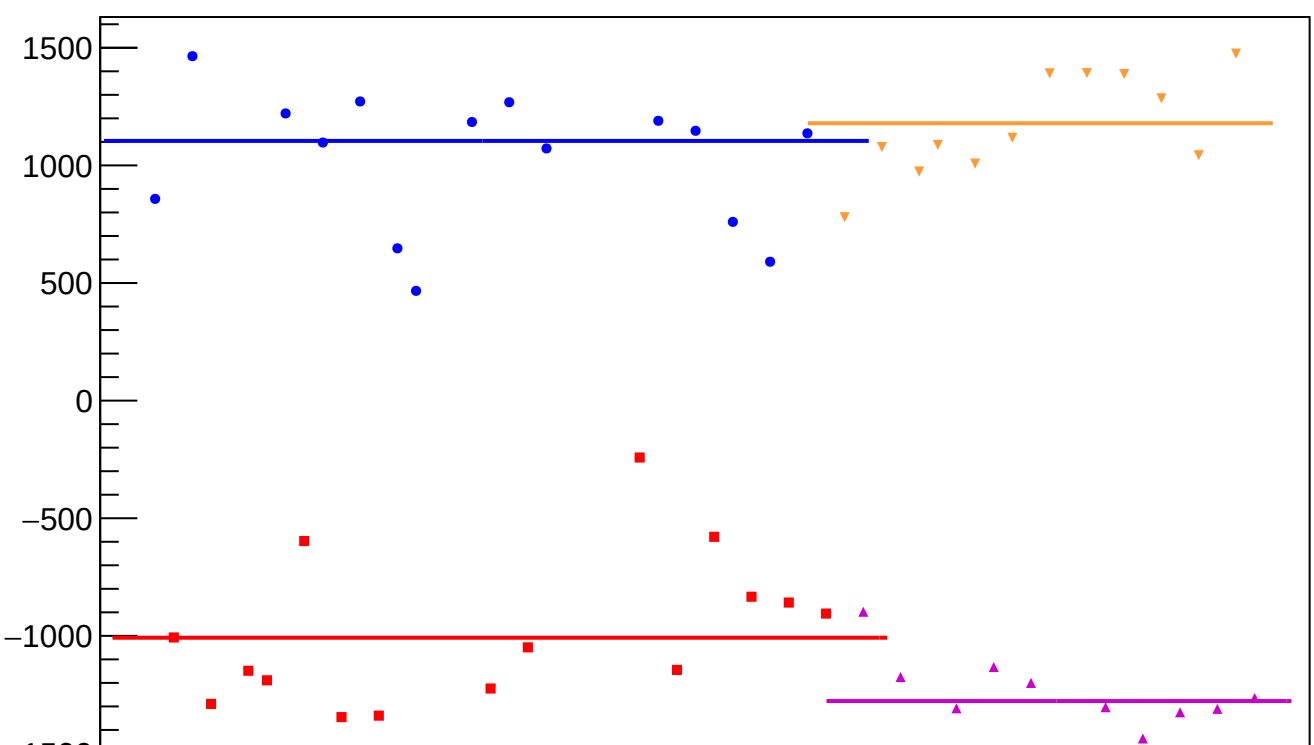
Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

Out: 0.092+/-0.000 χ^2/NDF:1319660578541495 19

Left In: -2.321+/-0.000 χ^2/NDF:7461912322461632454440450523 1360.0/10

All: -0.051+/-0.000 χ^2/NDF: 2741558316748

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

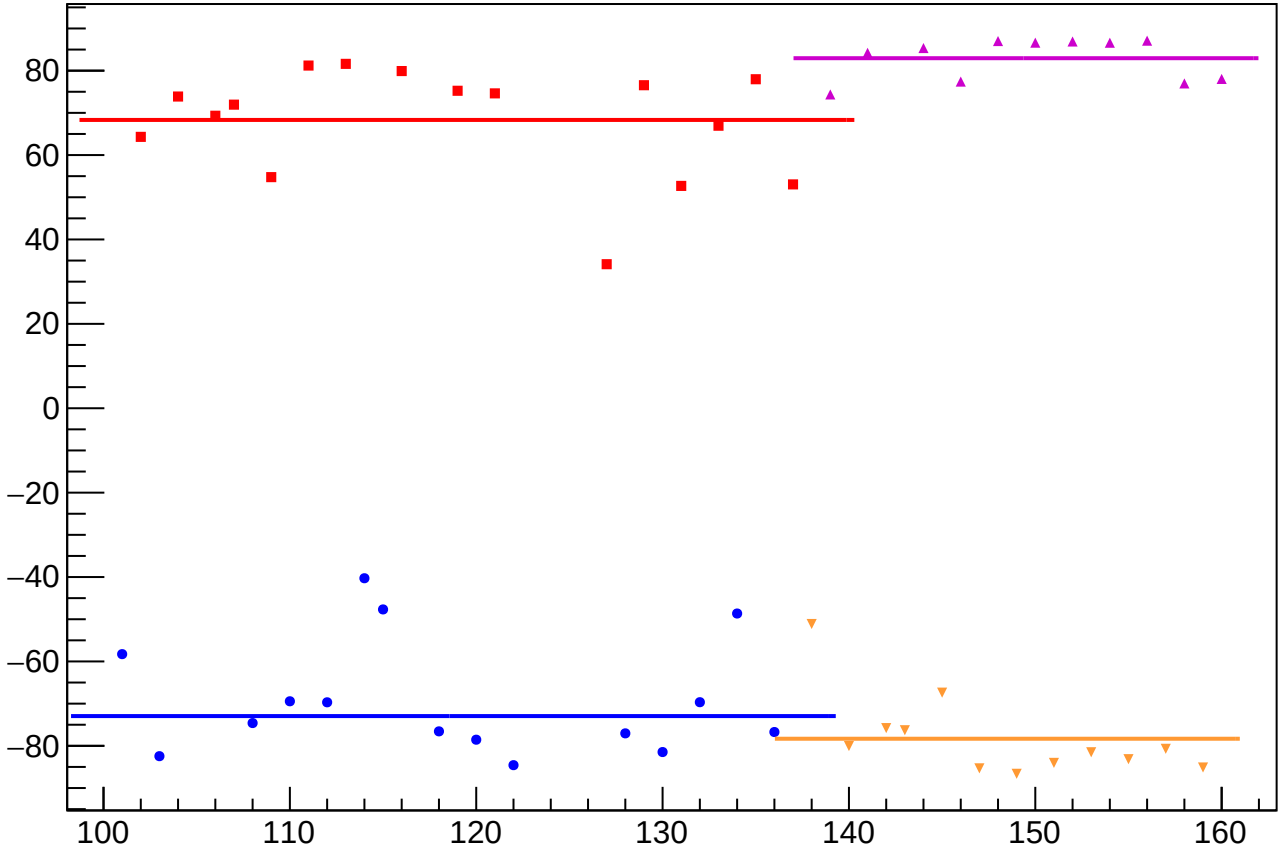
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 2.757+/-0.000 χ^2/NDF: 120577028568665653

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

In: 18.630+/-0.000 χ^2/NDF:935227547229560147

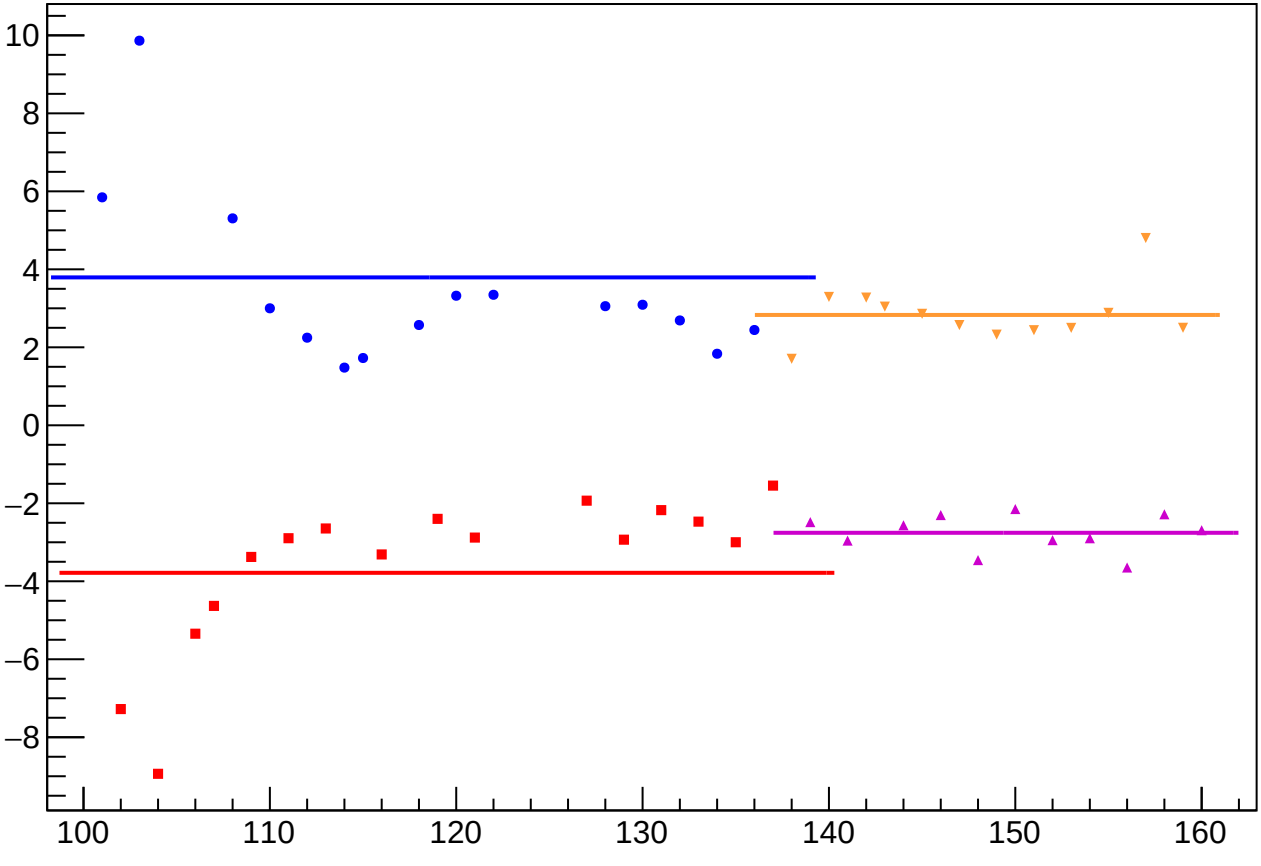
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: -16.451+/-0.000 χ^2/NDF:8485315004637869

Left In: 82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

All: 1.045+/-0.000 χ^2/NDF: 1880801156865

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 15025603203448953

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.830+/-0.000 χ^2/NDF:49274902602883890794782962116 1984.0/11

In: -0.054+/-0.000 χ^2/NDF:19750496568510585 7

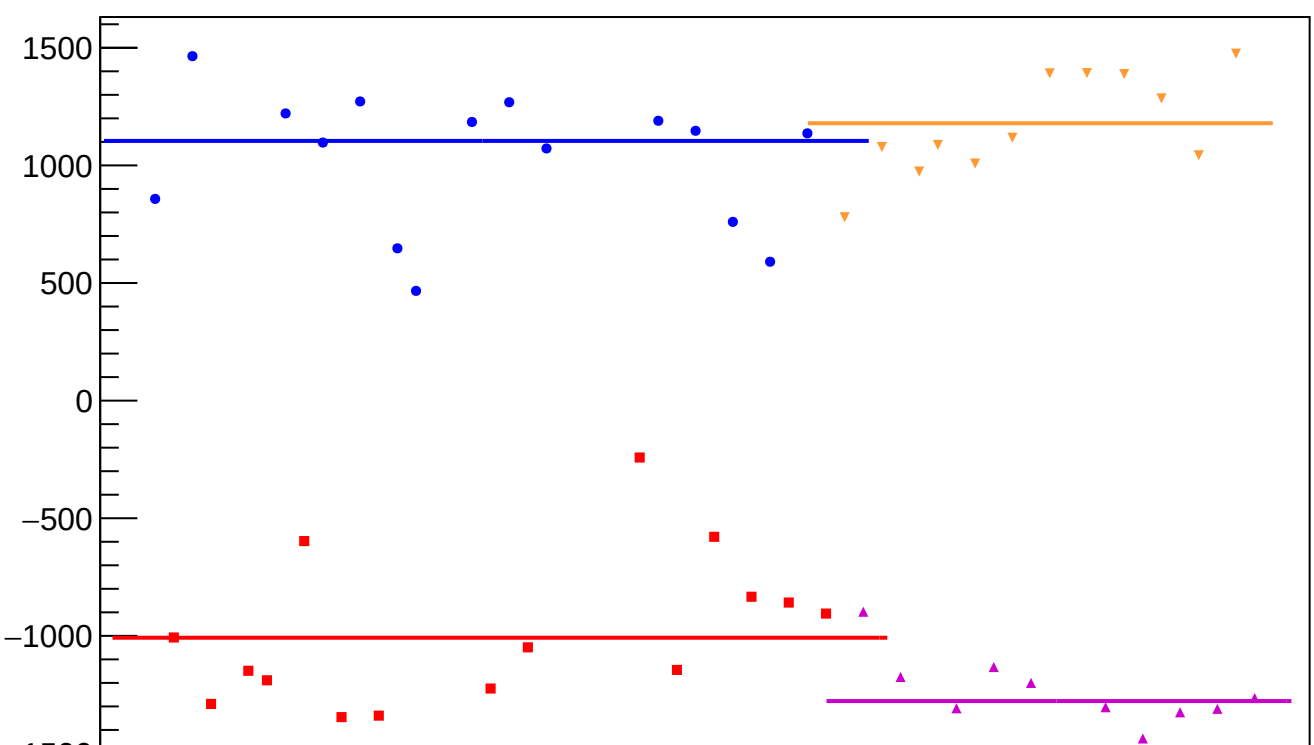
Right Out: -3.783+/-0.000 χ^2/NDF: 28785866221926766544523387553710 08.0/15

Out: 0.040+/-0.000 χ^2/NDF:20235343242589691 2

Left In: -2.757+/-0.000 χ^2/NDF:19172074654773230622605404274688 0.0/10

All: -0.007+/-0.000 χ^2/NDF: 3999287355304

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

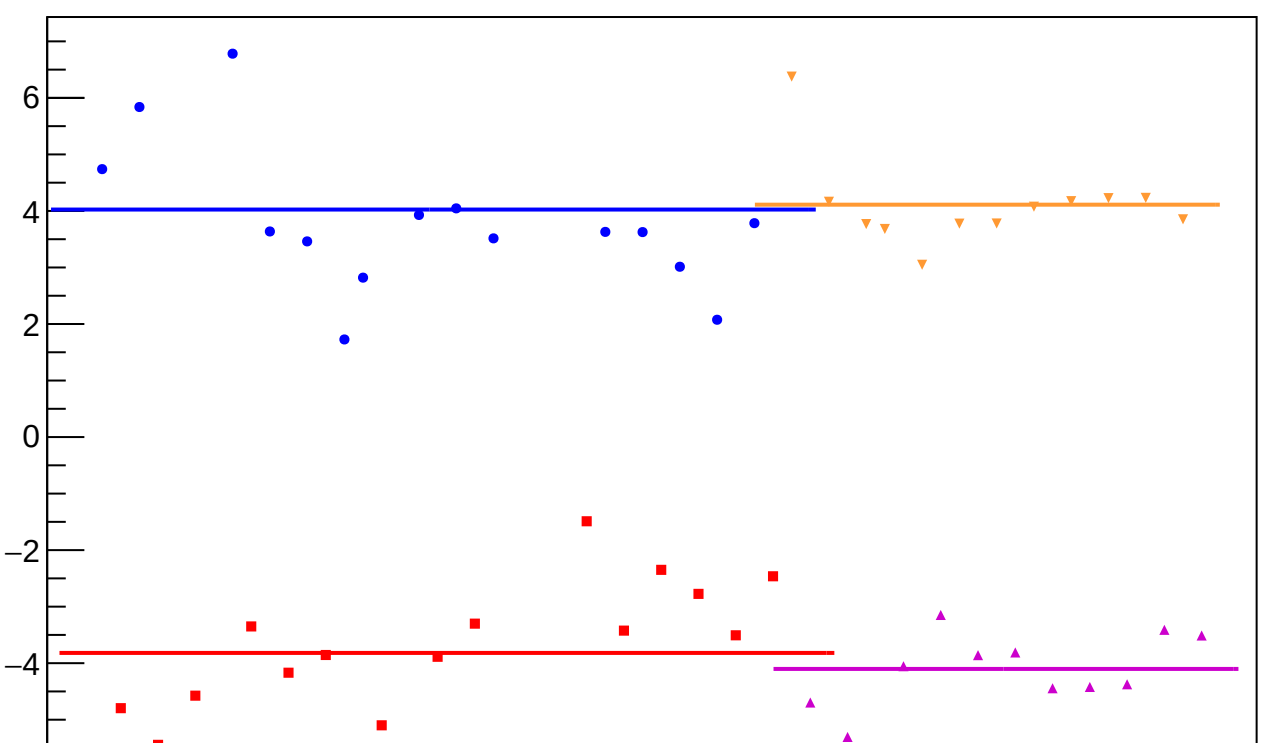
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: -0.018+/-0.000 χ^2/NDF: 31853611122068431

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 21892754887879739

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

In: -0.749+/-0.000 χ^2/NDF:26275294393356203 3

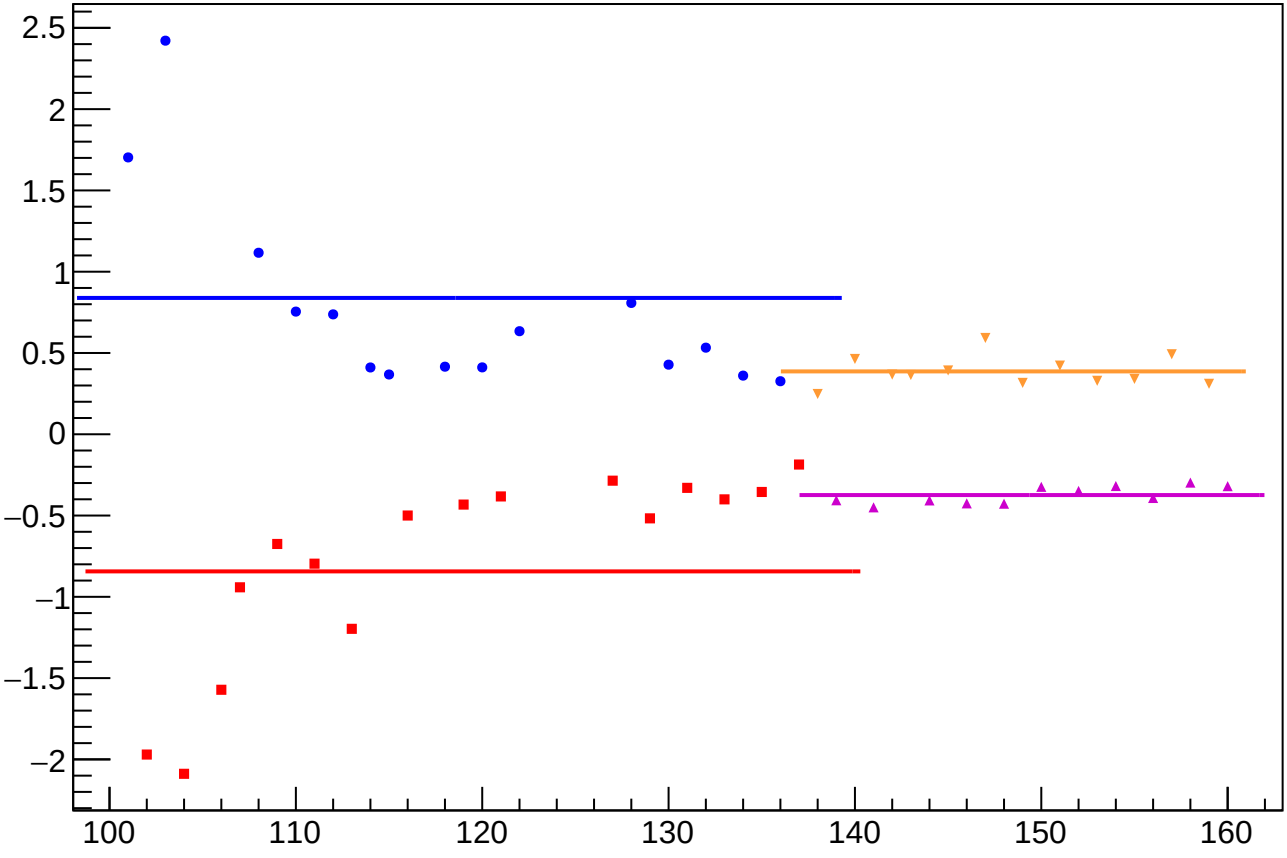
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.766+/-0.000 χ^2/NDF:25666157664453877 9

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

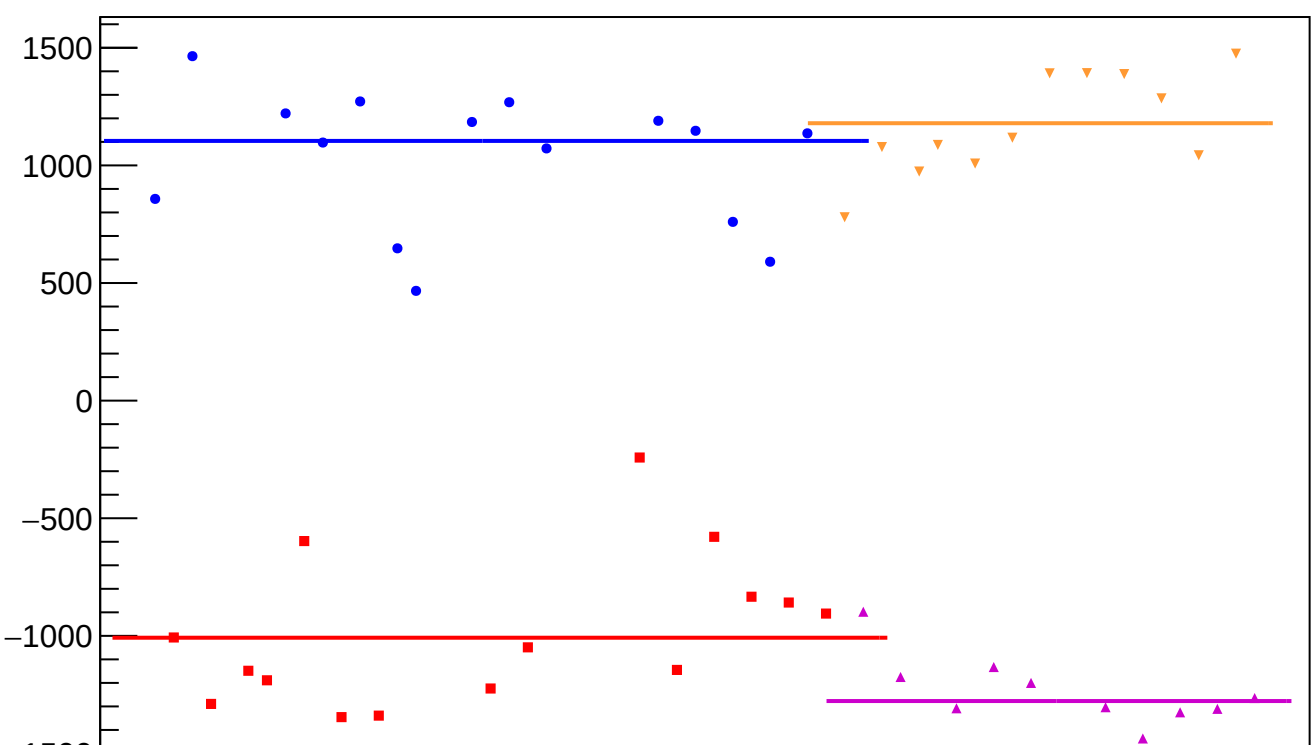
All: 0.010+/-0.000 χ^2/NDF: 5374982991435 4

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.004+/-0.000 χ^2/NDF: 27594858438302610
Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11
In: 0.126+/-0.000 χ^2/NDF:8214812118150652652
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15
Out: -0.132+/-0.000 χ^2/NDF:8441698023007620 5
Left In: -0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10
All: -0.003+/-0.000 χ^2/NDF: 1718408465884

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

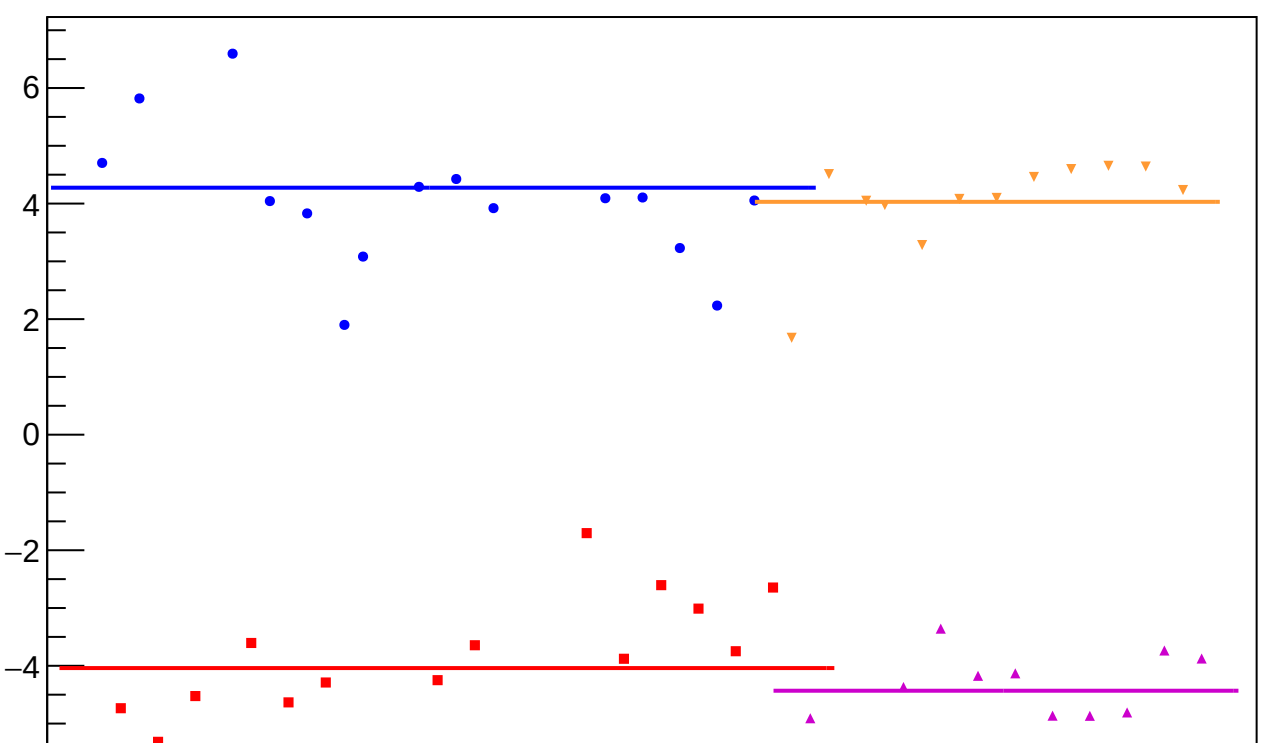
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.224+/-0.000 χ^2/NDF: 33846784910567174

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 24108117163015416

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

In: -0.839+/-0.000 χ^2/NDF:298405306819524431

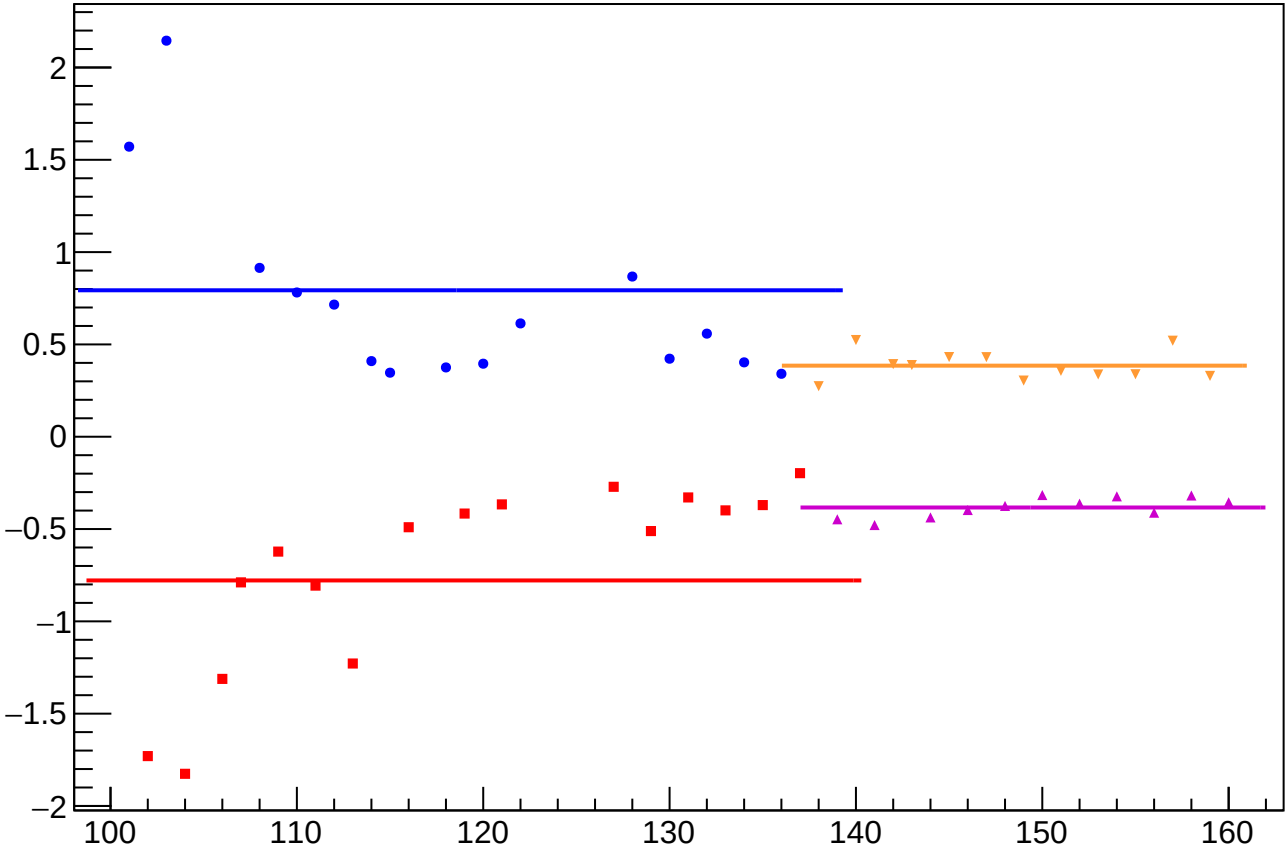
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.626+/-0.000 χ^2/NDF:264837106487294890

Left In: -4.432+/-0.000 χ^2/NDF:345602703191245770554210363899904.0/10

All: -0.105+/-0.000 χ^2/NDF: 5801697378090

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.001+/-0.000 χ^2/NDF: 27939551285001420

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

In: 0.102+/-0.000 χ^2/NDF:7258405978340592610

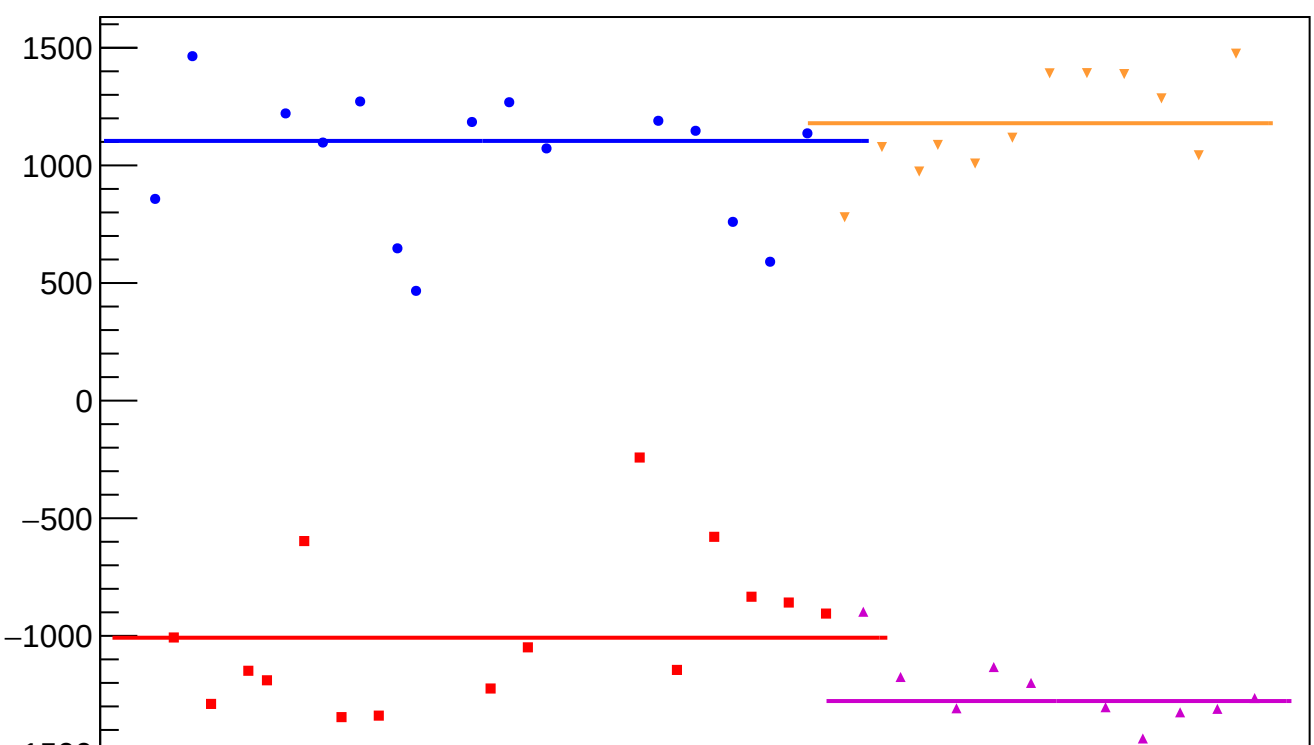
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.106+/-0.000 χ^2/NDF:71330081373871588

Left In: -0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

All: -0.002+/-0.000 χ^2/NDF: 1473239916142

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

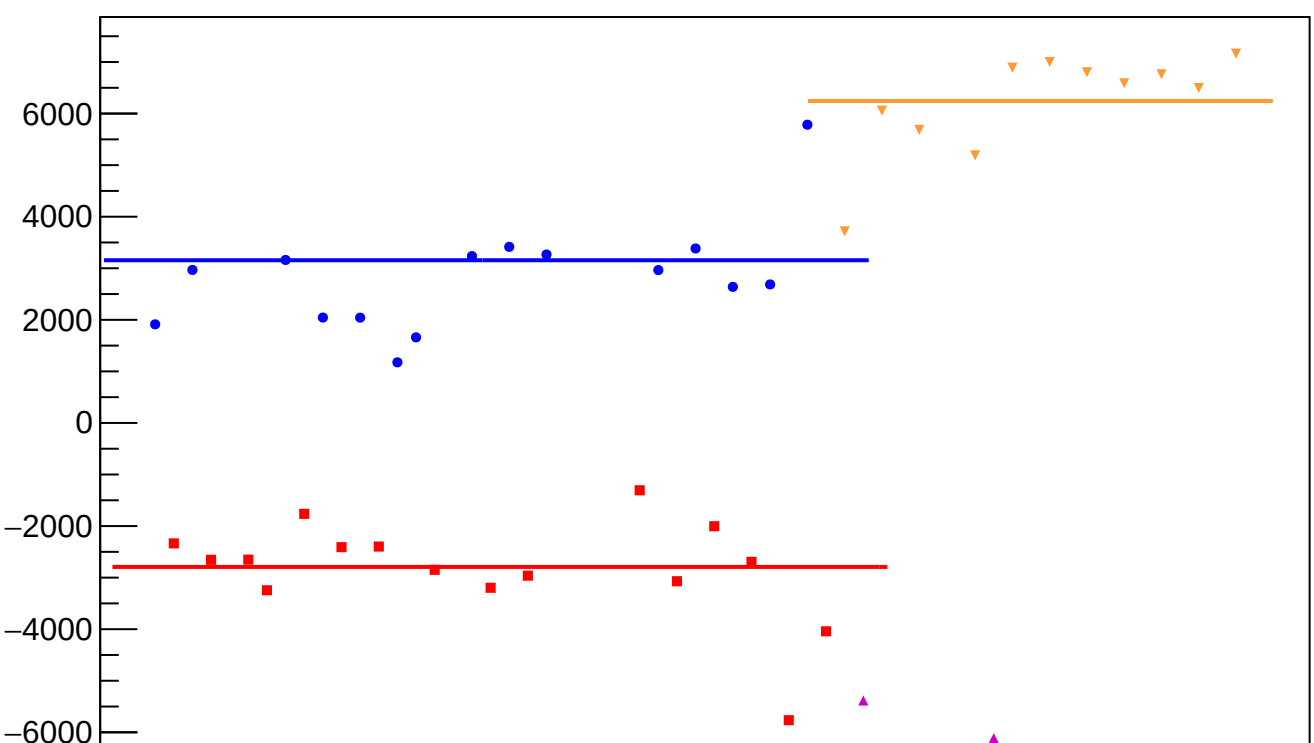
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -455.070+/-0.000 χ^2/NDF: 738907970764408

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6243.976+/-0.000 χ^2/NDF:811230786168378302780139165688711348224.0/10

In: -2572.599+/-0.000 χ^2/NDF:373790912122959

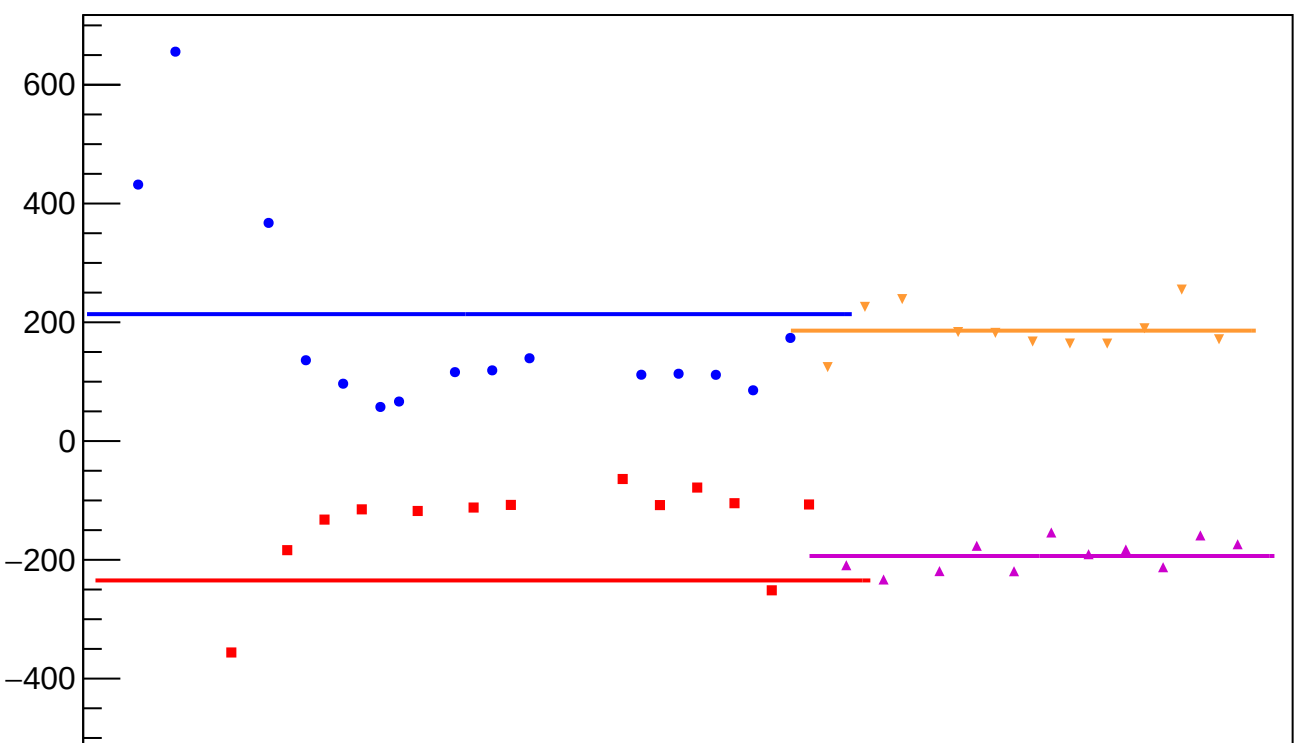
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 2263.025+/-0.000 χ^2/NDF:319547842055844

Left In: -6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640936 96.0/10

All: -200.997+/-0.000 χ^2/NDF: 87373315799

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -12.048+/-0.000 χ^2/NDF: 6529786806410777

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

In: -25.504+/-0.000 χ^2/NDF:83555095892474159

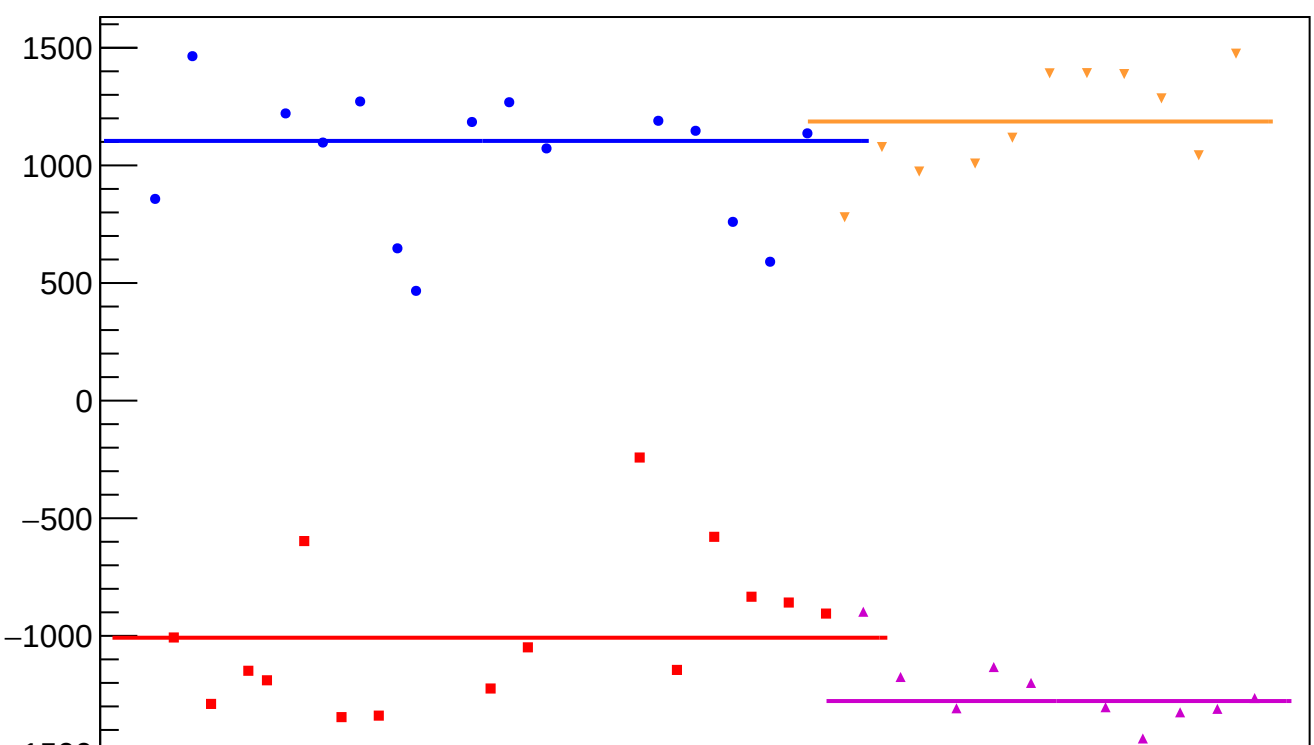
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Out: 0.624+/-0.000 χ^2/NDF:91101505567681952 5

Left In: -193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

All: -12.690+/-0.000 χ^2/NDF: 175183232937

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

Left: -98.791+/-0.000 χ^2/NDF: 2750108583859337

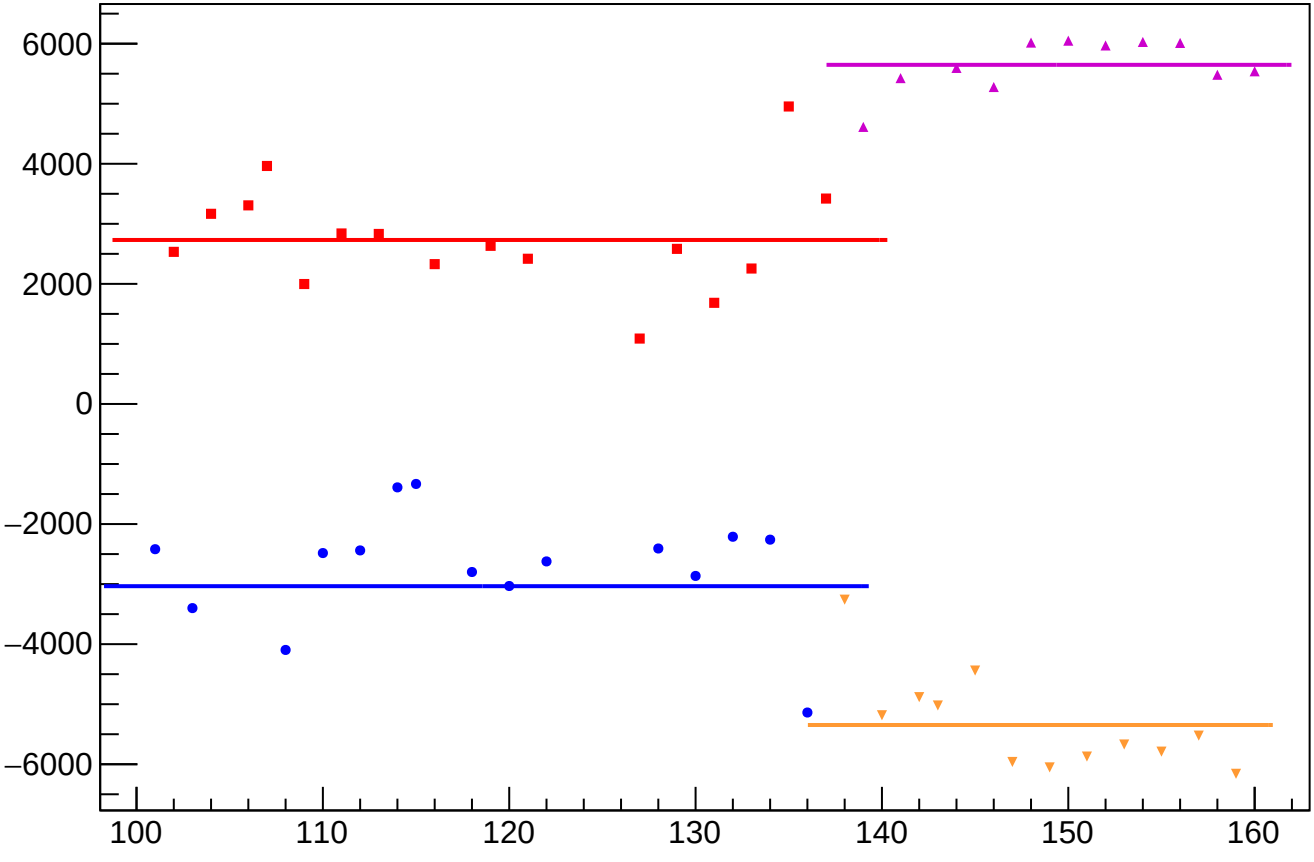
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 219.820+/-0.000 χ^2/NDF:190429861464471 8

All: -42.327+/-0.000 χ^2/NDF: 433243619432

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: 180.580+/-0.000 χ^2/NDF: 5629644567862069

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11

In: 2065.482+/-0.000 χ^2/NDF:2953204271382502

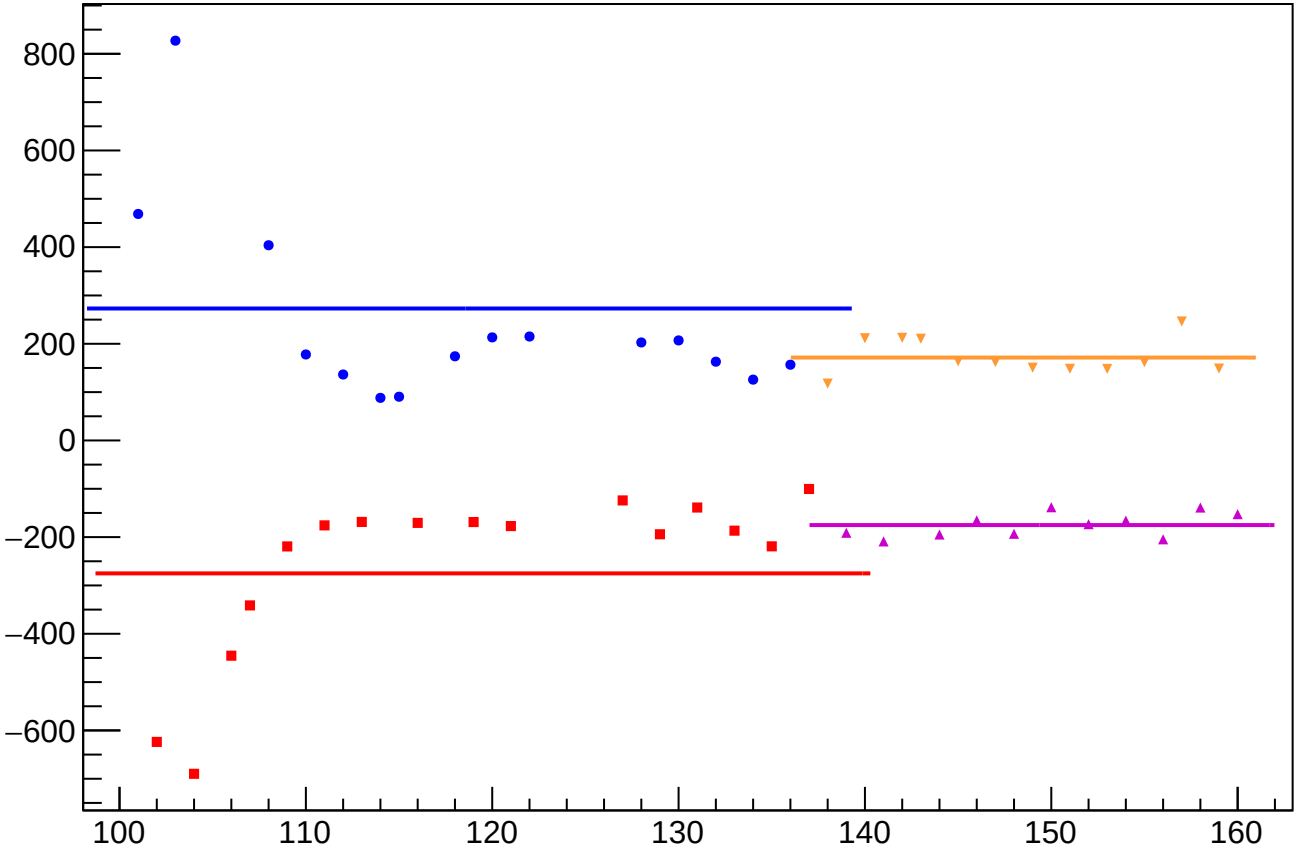
Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

Out: -1938.587+/-0.000 χ^2/NDF:26282051967126

Left In: 5647.632+/-0.000 χ^2/NDF:16421431290803564521512635693549171507 2.0/10

All: 58.370+/-0.000 χ^2/NDF: 684556968477

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Left: -2.734+/-0.000 χ^2/NDF: 56898976586589757

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

In: 9.796+/-0.000 χ^2/NDF:10358026016022770 92

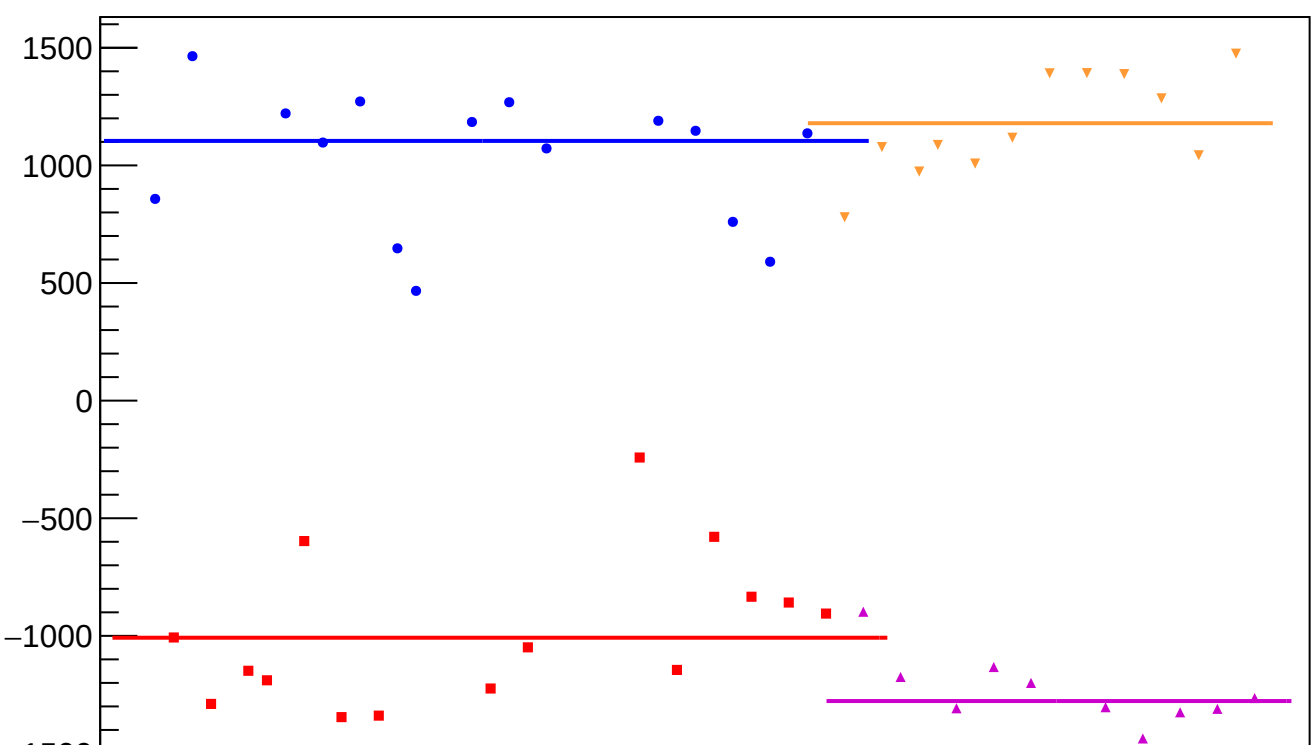
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Out: -16.880+/-0.000 χ^2/NDF:1003225780915381

Left In: -175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

All: -3.576+/-0.000 χ^2/NDF: 2044639421545

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

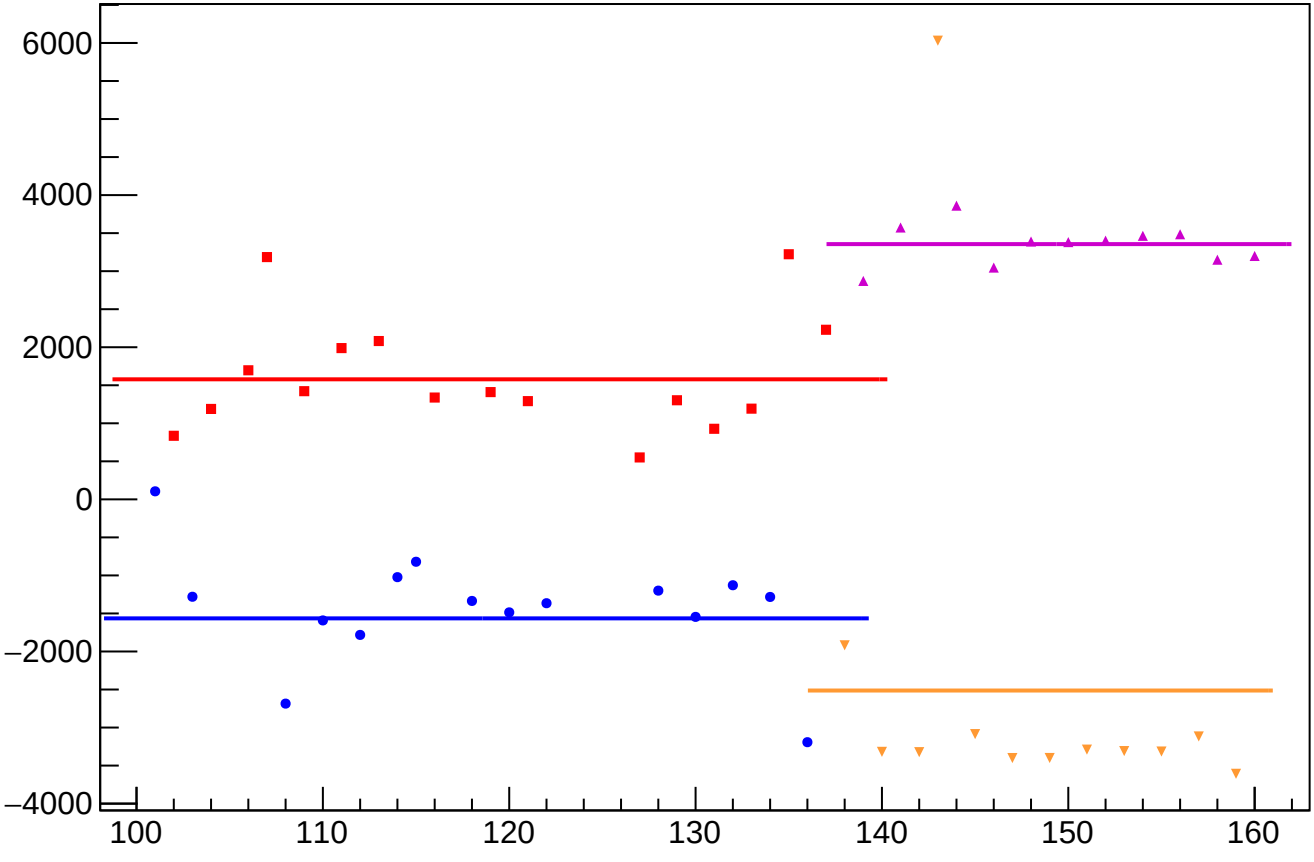
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

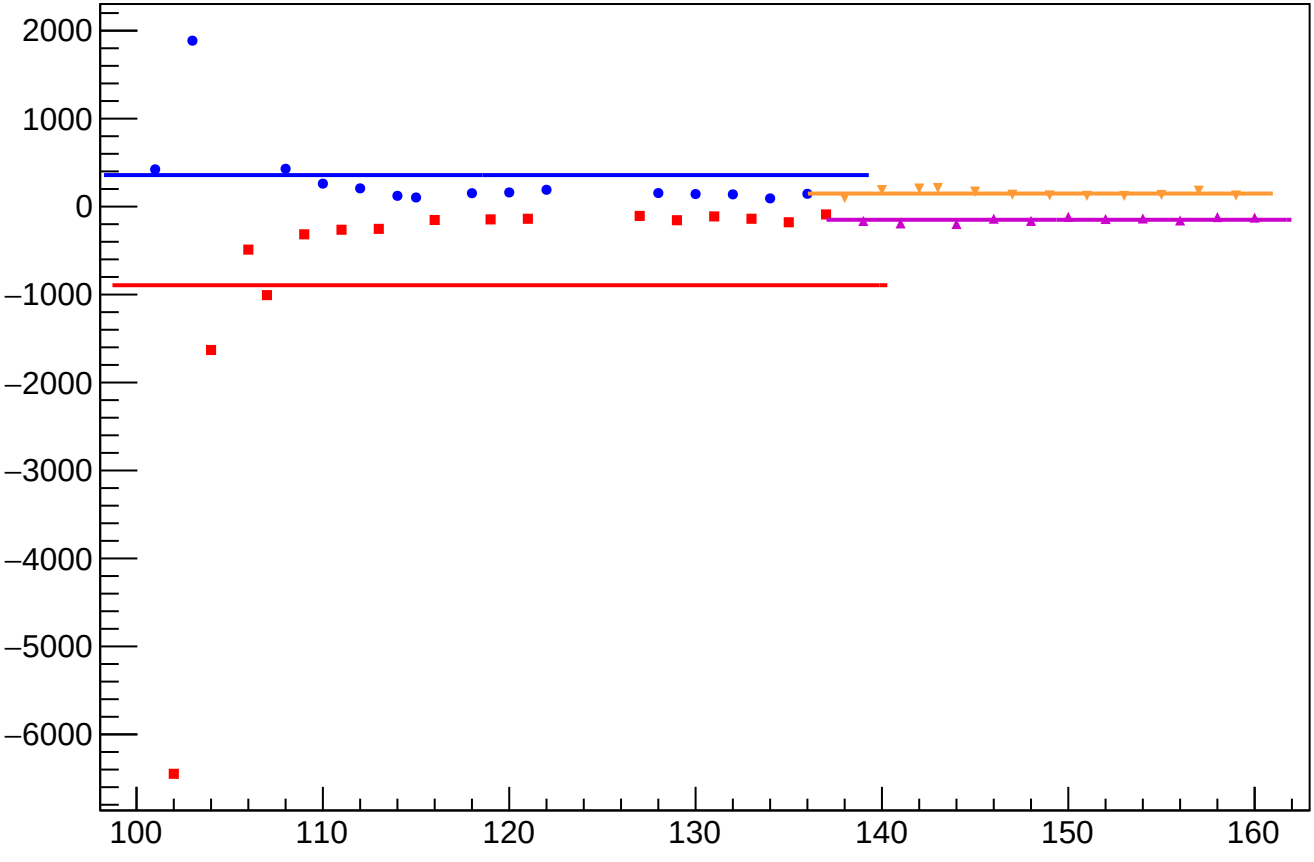
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl1_coil3_mean vs Slug, Sign Corrected



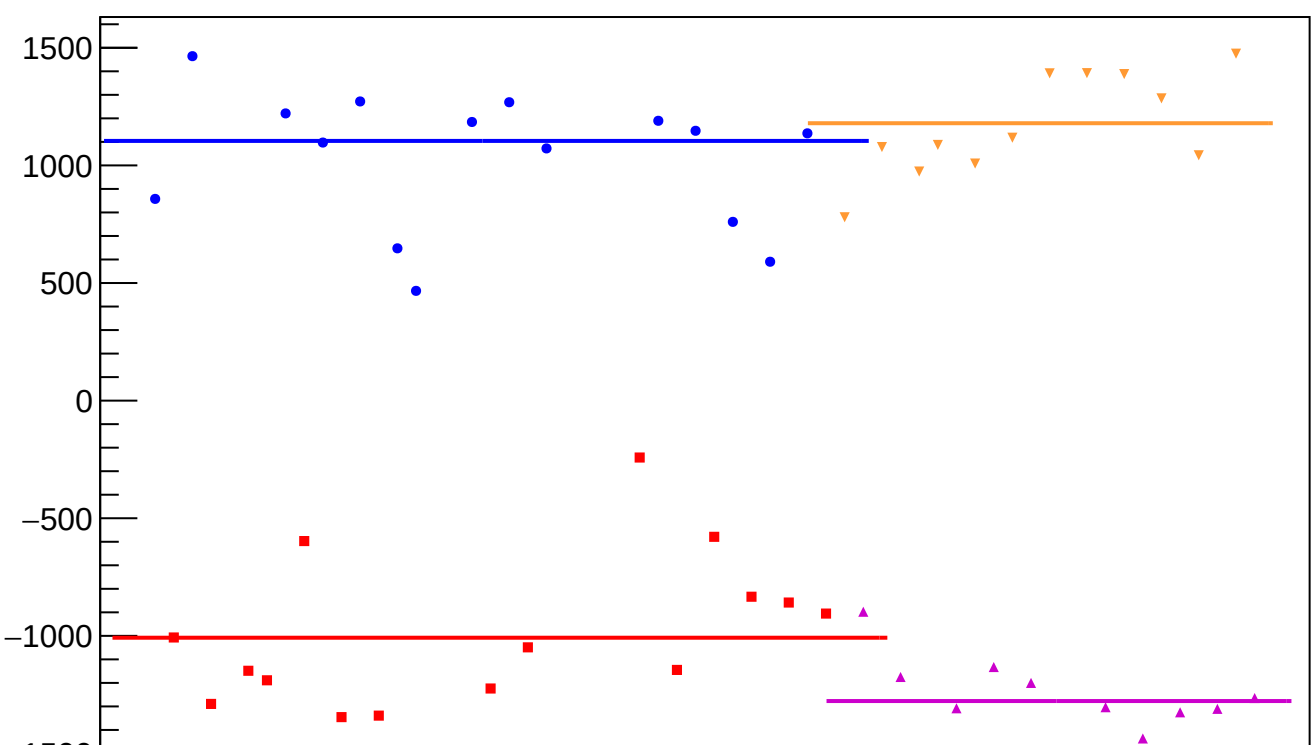
Left: 437.231+/-0.000 χ^2/NDF: 2131924326486959
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 5
Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
Out: -787.099+/-0.000 χ^2/NDF:122542710245159
Left In: 3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10
All: 266.599+/-0.000 χ^2/NDF: 25548755731

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.546+/-0.000 χ^2/NDF: 42591718488855068
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 148.359+/-0.000 χ^2/NDF:10902863317333660825812569708078039 04.0/11
In: 59.728+/-0.000 χ^2/NDF:25691507799210532
Right Out: -893.897+/-0.000 χ^2/NDF: 20759201557742010435726956567978039 05024.0/15
Out: -291.353+/-0.000 χ^2/NDF:249588983045036
Left In: -149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10
All: -116.258+/-0.000 χ^2/NDF: 28499930865

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

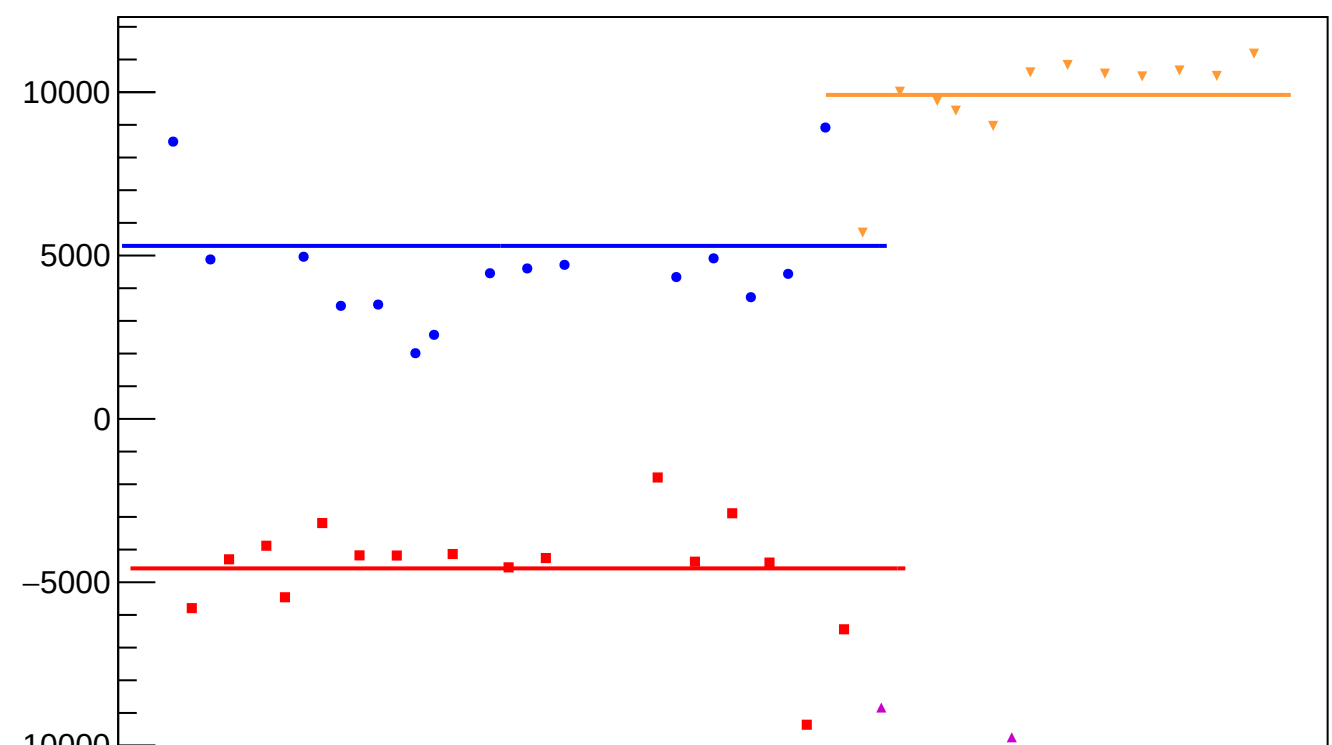
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl2_coil3_mean vs Slug, Sign Corrected



Left: -394.633+/-0.000 χ^2/NDF: 195607955774954

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

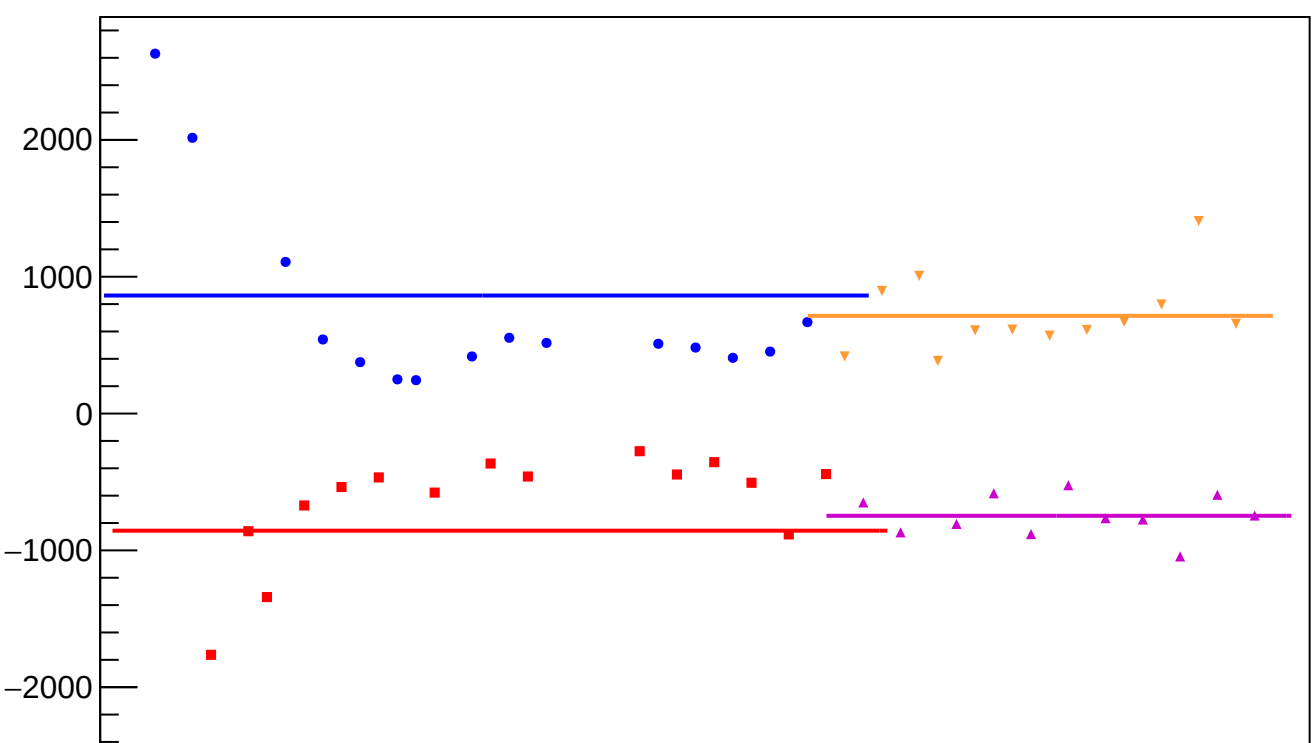
Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Out: 3802.595+/-0.000 χ^2/NDF:846841188462188

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

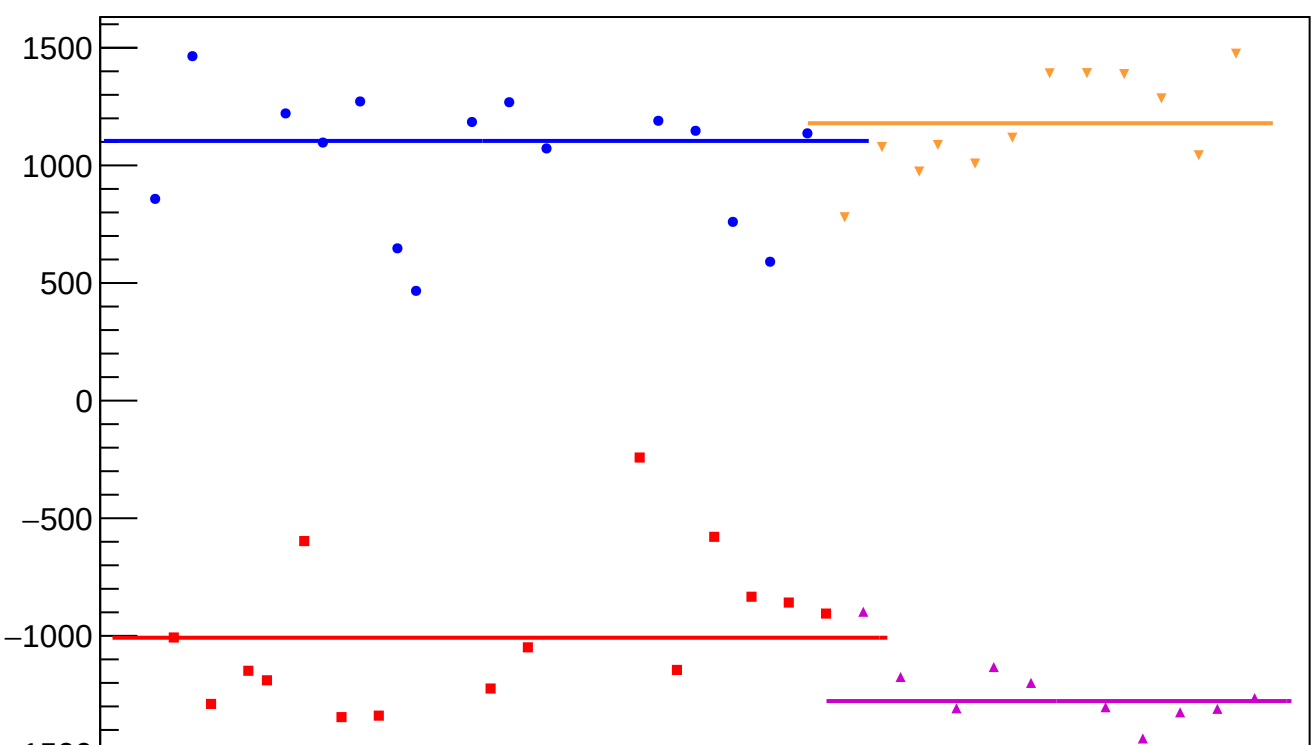
All: -107.886+/-0.000 χ^2/NDF: 23238819396

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Left: -20.503+/-0.000 χ^2/NDF: 1065064961511877
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11
In: -83.027+/-0.000 χ^2/NDF:13454995318402178
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: 51.744+/-0.000 χ^2/NDF:1341942923565859 5
Left In: -747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10
All: -15.471+/-0.000 χ^2/NDF: 270176391125

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

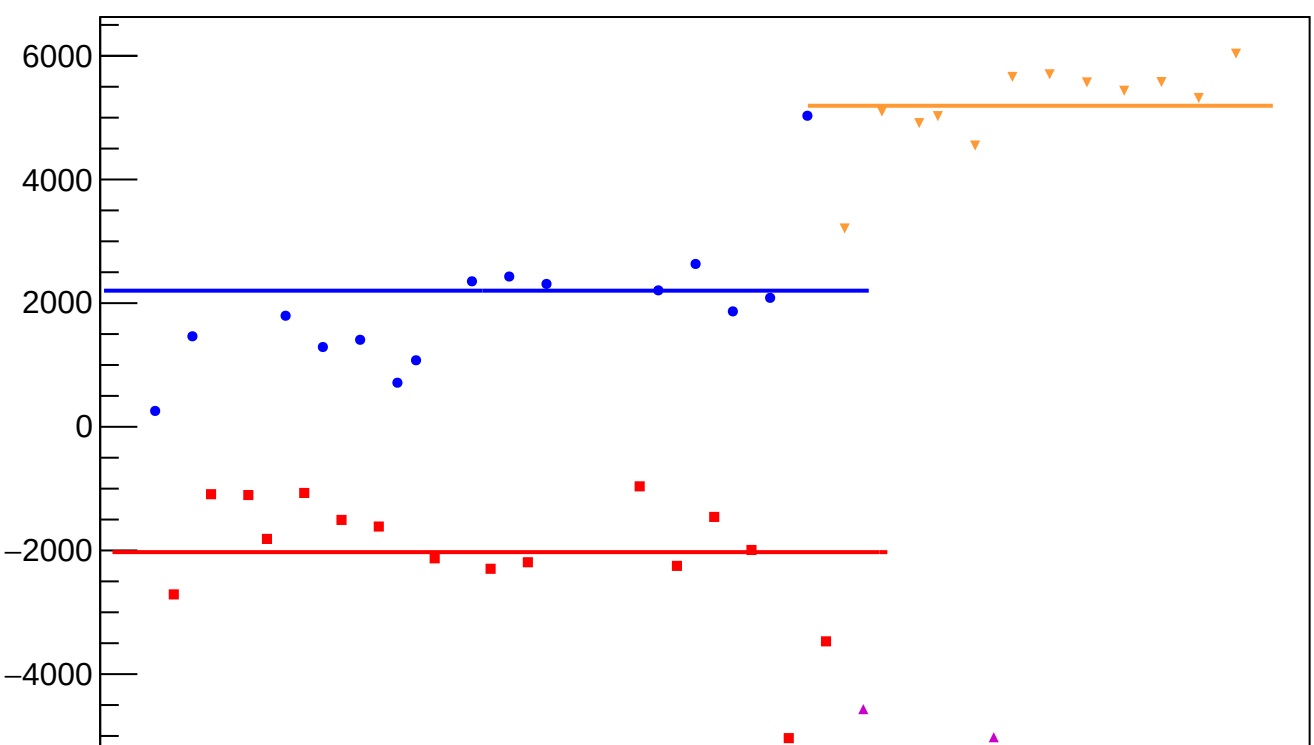
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

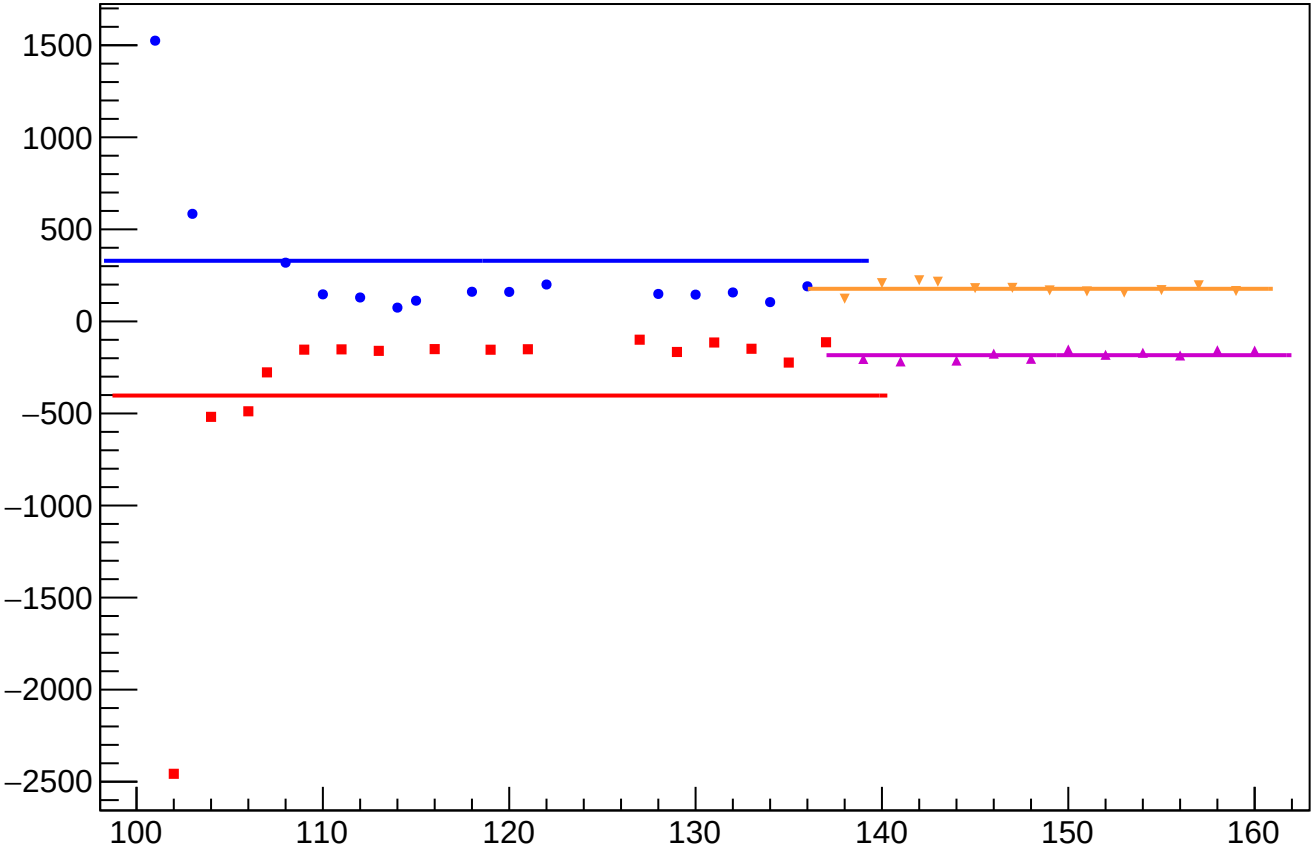
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -172.148+/-0.000 χ^2/NDF: 529181779614152
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11
In: -2309.812+/-0.000 χ^2/NDF:236998936360445
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 2146.701+/-0.000 χ^2/NDF:212767096674295
Left In: -5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10
All: -75.903+/-0.000 χ^2/NDF: 606365125250

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.136+/-0.000 χ^2/NDF: 60775791706189373

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

In: 28.098+/-0.000 χ^2/NDF:203925218655573400

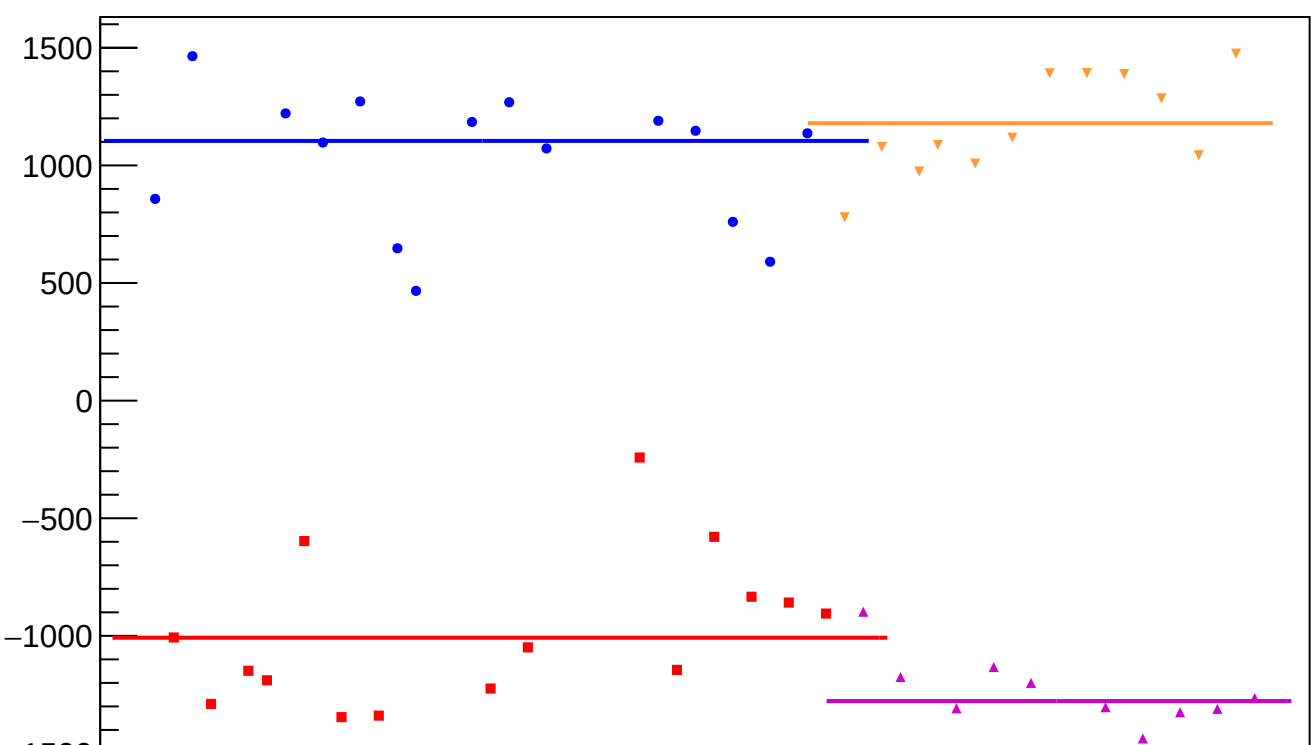
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -67.504+/-0.000 χ^2/NDF:4078634459098727

Left In: -183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

All: -19.824+/-0.000 χ^2/NDF: 618995356861

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

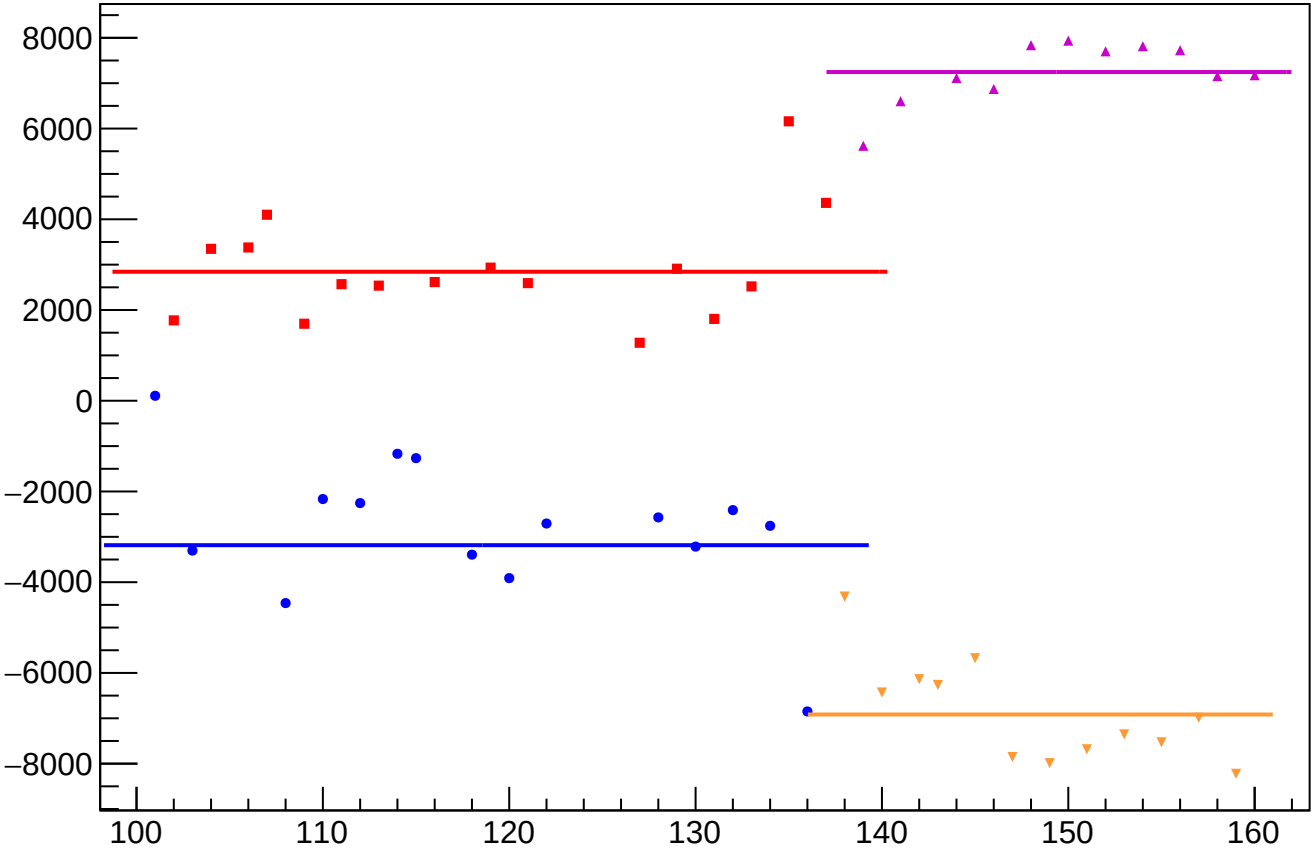
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: 203.352+/-0.000 χ^2/NDF: 9367664182142015

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11

In: 2942.696+/-0.000 χ^2/NDF:440076230139336

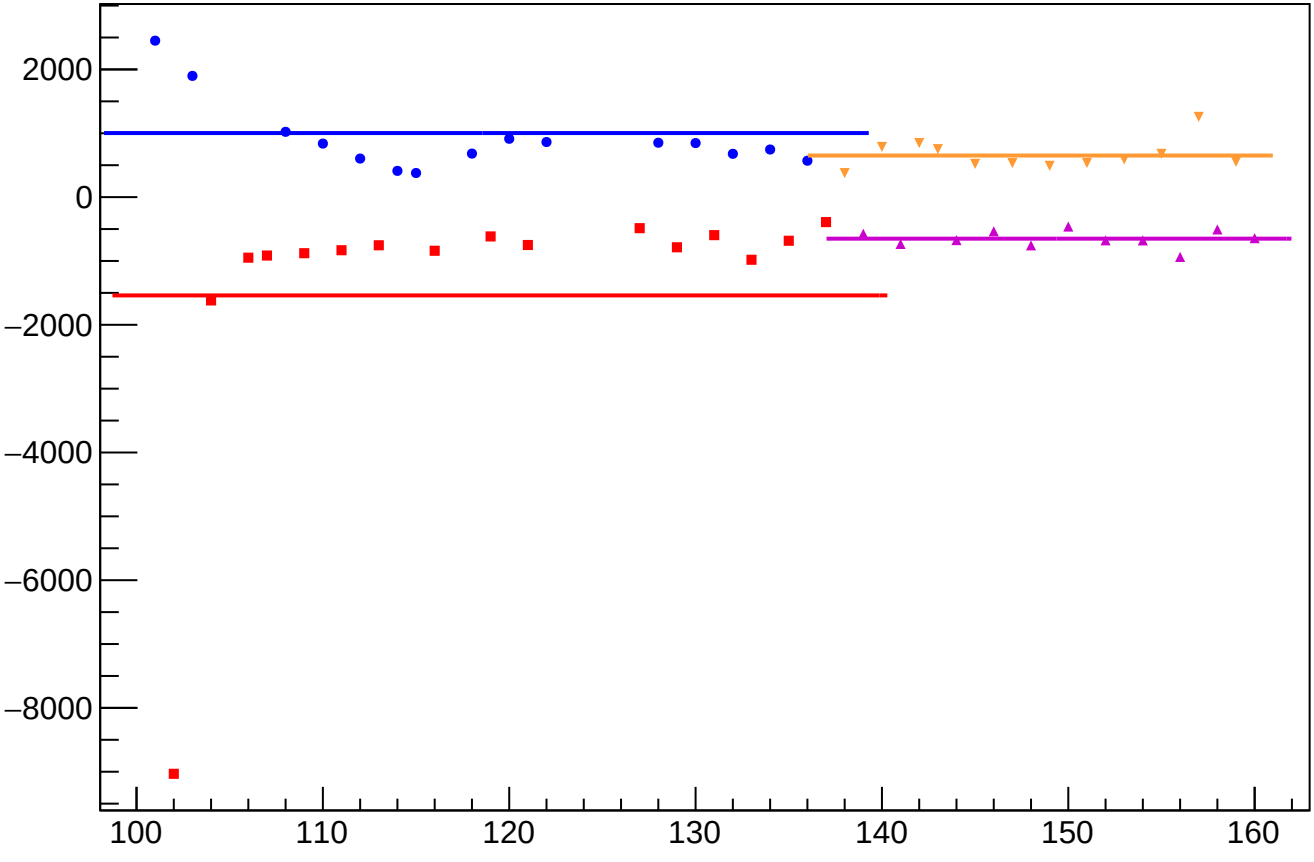
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2798.729+/-0.000 χ^2/NDF:38794467171221

Left In: 7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

All: 64.702+/-0.000 χ^2/NDF: 1087940046919

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: -3.137+/-0.000 χ^2/NDF: 83969979485831992

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11

In: 31.723+/-0.000 χ^2/NDF:12777531753239734 2

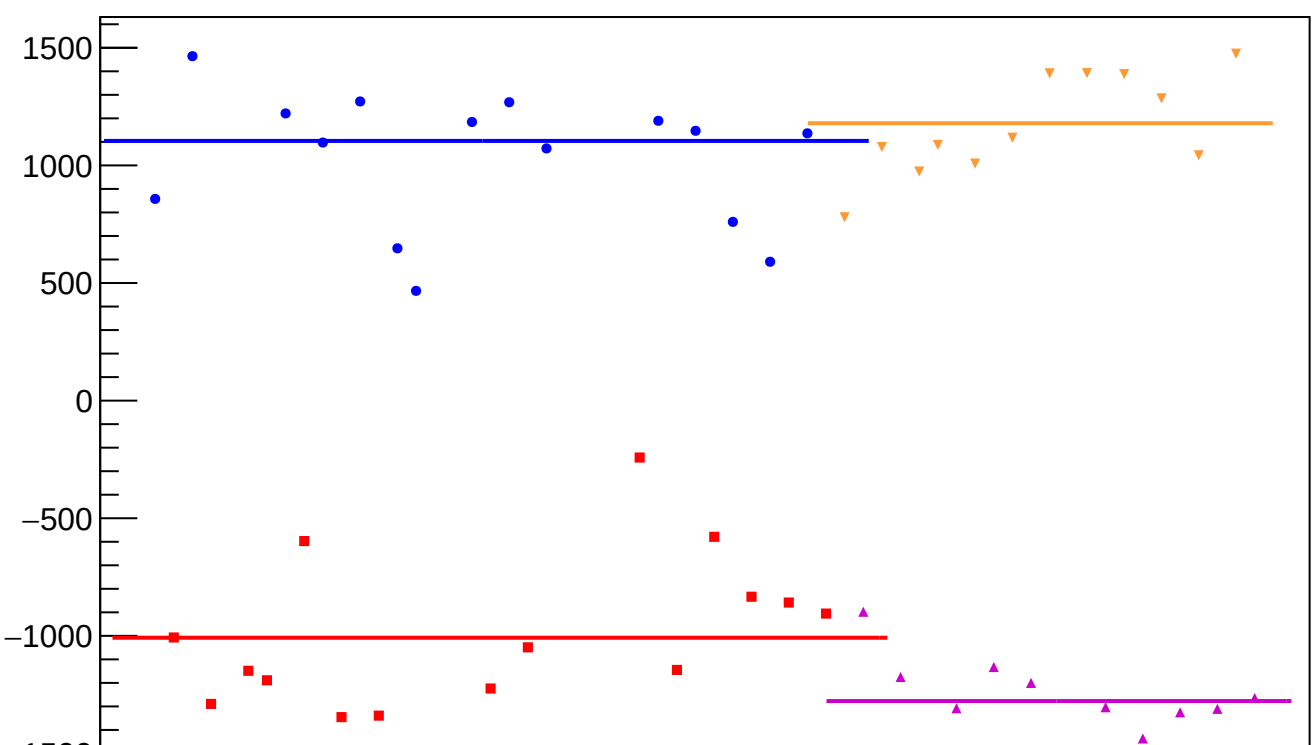
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -272.831+/-0.000 χ^2/NDF:551168647234999

Left In: -650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

All: -120.940+/-0.000 χ^2/NDF: 68625749232

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

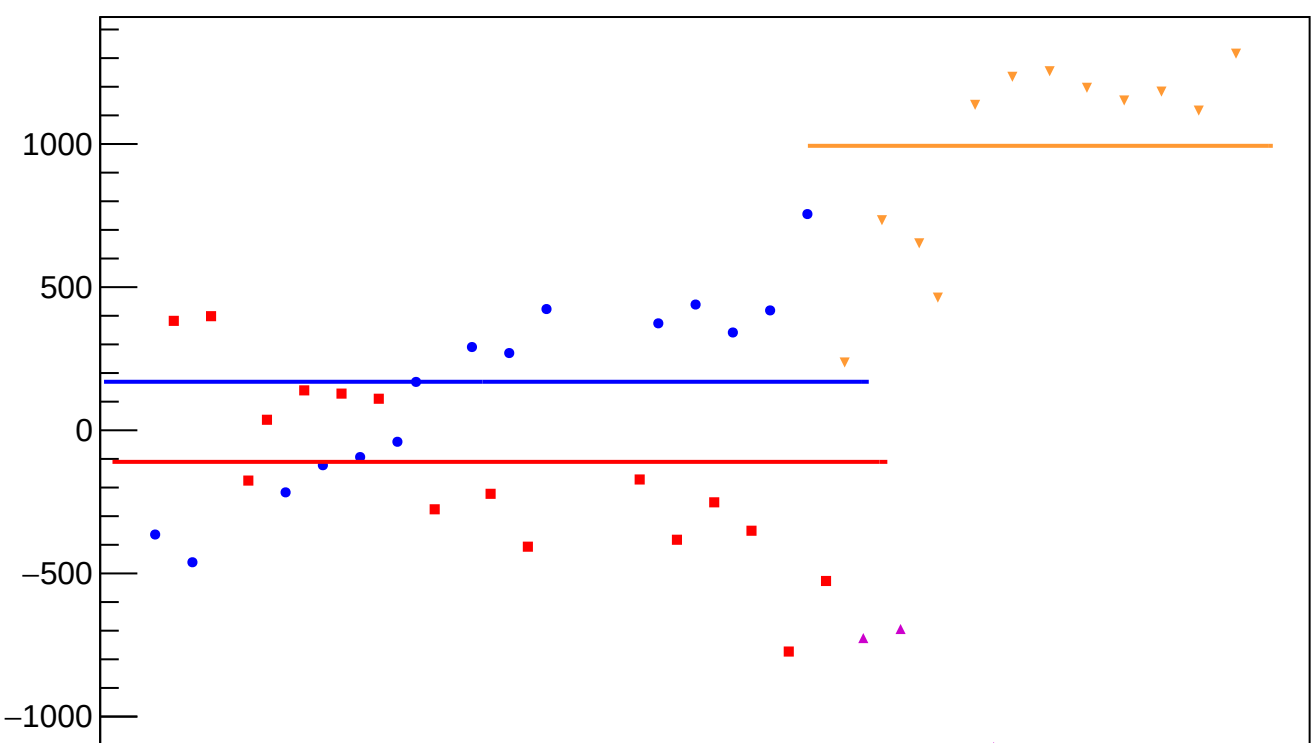
Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -63.985+/-0.000 χ^2/NDF: 2171788673126913

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 192954558913151 3

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

In: -582.219+/-0.000 χ^2/NDF:7538236455803364

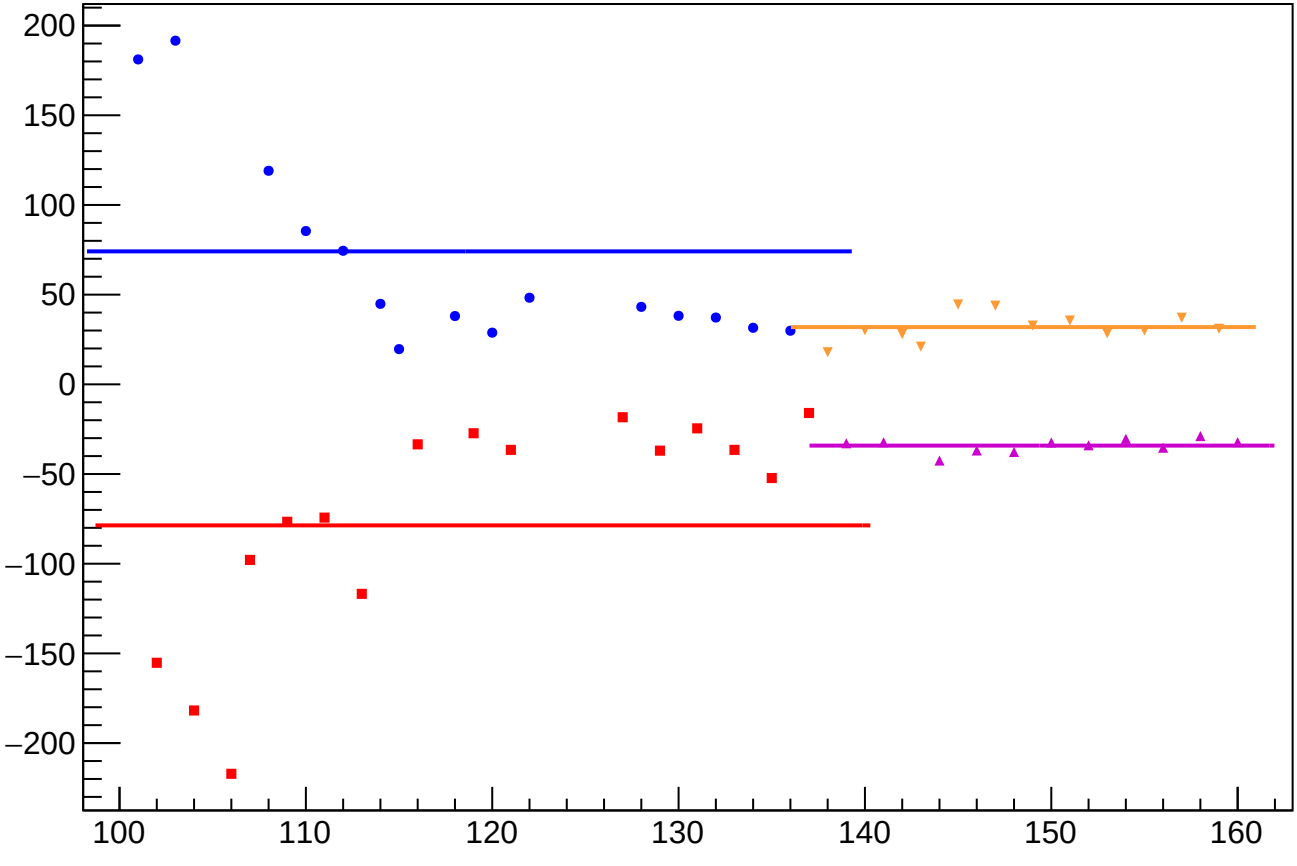
Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

Out: 527.933+/-0.000 χ^2/NDF:645595104234672 9

Left In: -1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

All: -25.735+/-0.000 χ^2/NDF: 23711880773 7

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.301+/-0.000 χ^2/NDF: 20709383858678459

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

In: 10.520+/-0.000 χ^2/NDF:66512492434564945 7

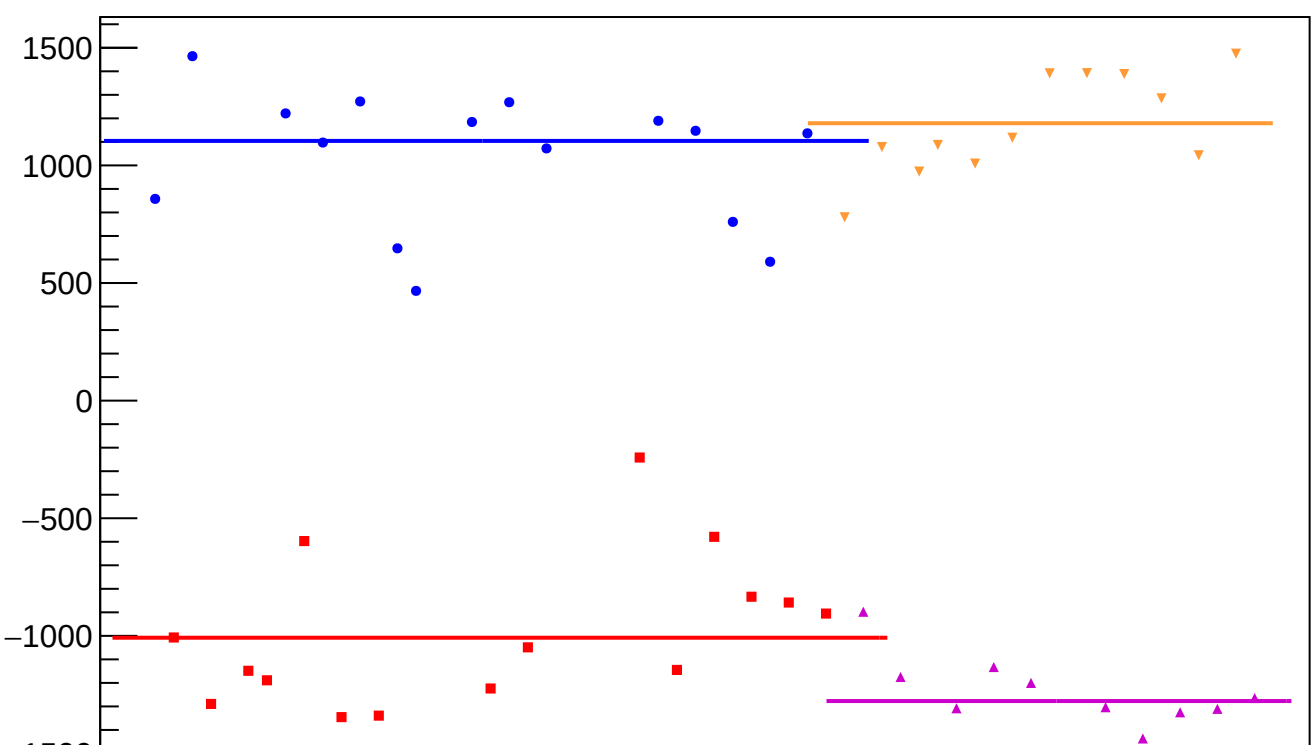
Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -14.723+/-0.000 χ^2/NDF:7108066763798732

Left In: -34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

All: -2.134+/-0.000 χ^2/NDF: 1426173775487

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

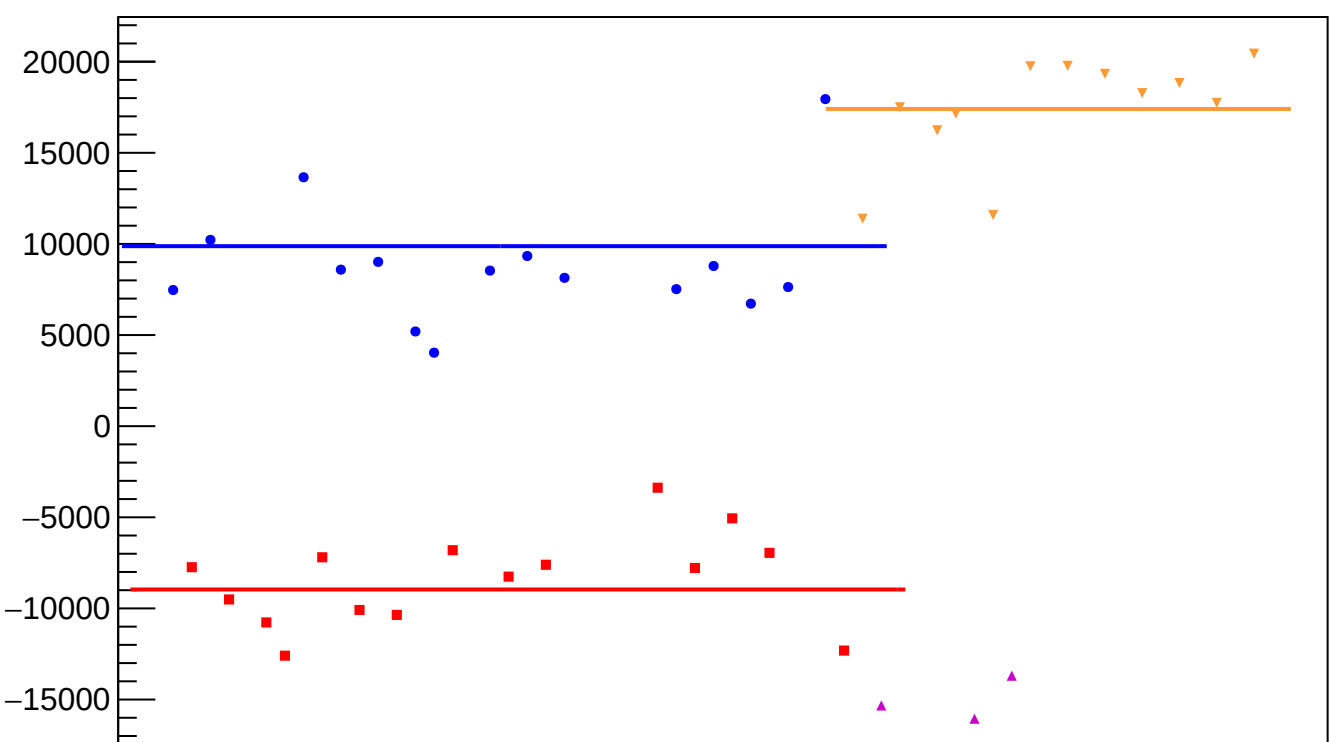
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam2_coil3_mean vs Slug, Sign Corrected



Left: -374.952+/-0.000 χ^2/NDF: 586010235145189

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17405.049+/-0.000 χ^2/NDF:76898016710993787915445454221756648652 80.0/11

In: -6476.484+/-0.000 χ^2/NDF:307506960113677

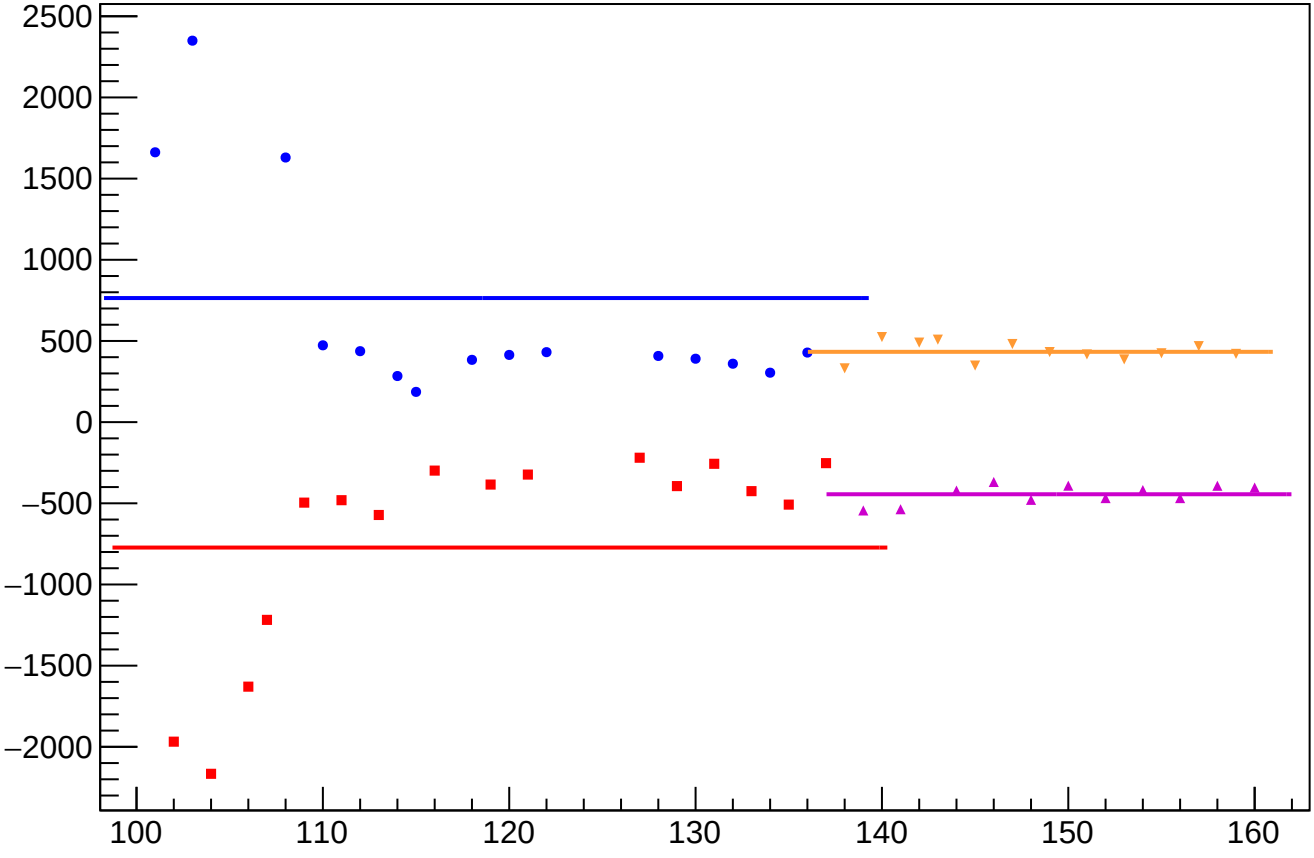
Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 6281.362+/-0.000 χ^2/NDF:283344504403014

Left In: -17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

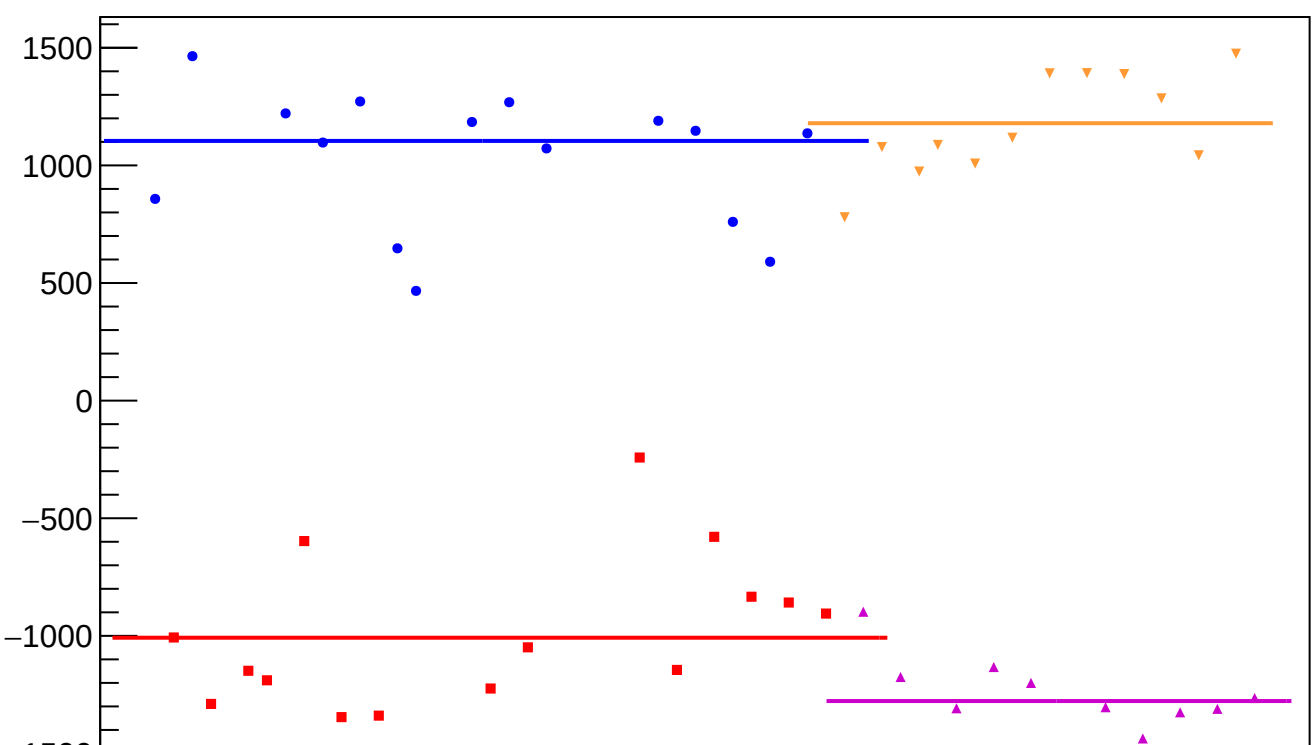
All: -81.381+/-0.000 χ^2/NDF: 719188962323

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -7.970+/-0.000 χ^2/NDF: 35964203749323128
Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11
In: 54.379+/-0.000 χ^2/NDF:85067486853551882 4
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -75.557+/-0.000 χ^2/NDF:8494595605470363
Left In: -444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124172 8.0/10
All: -10.754+/-0.000 χ^2/NDF: 171344684046

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

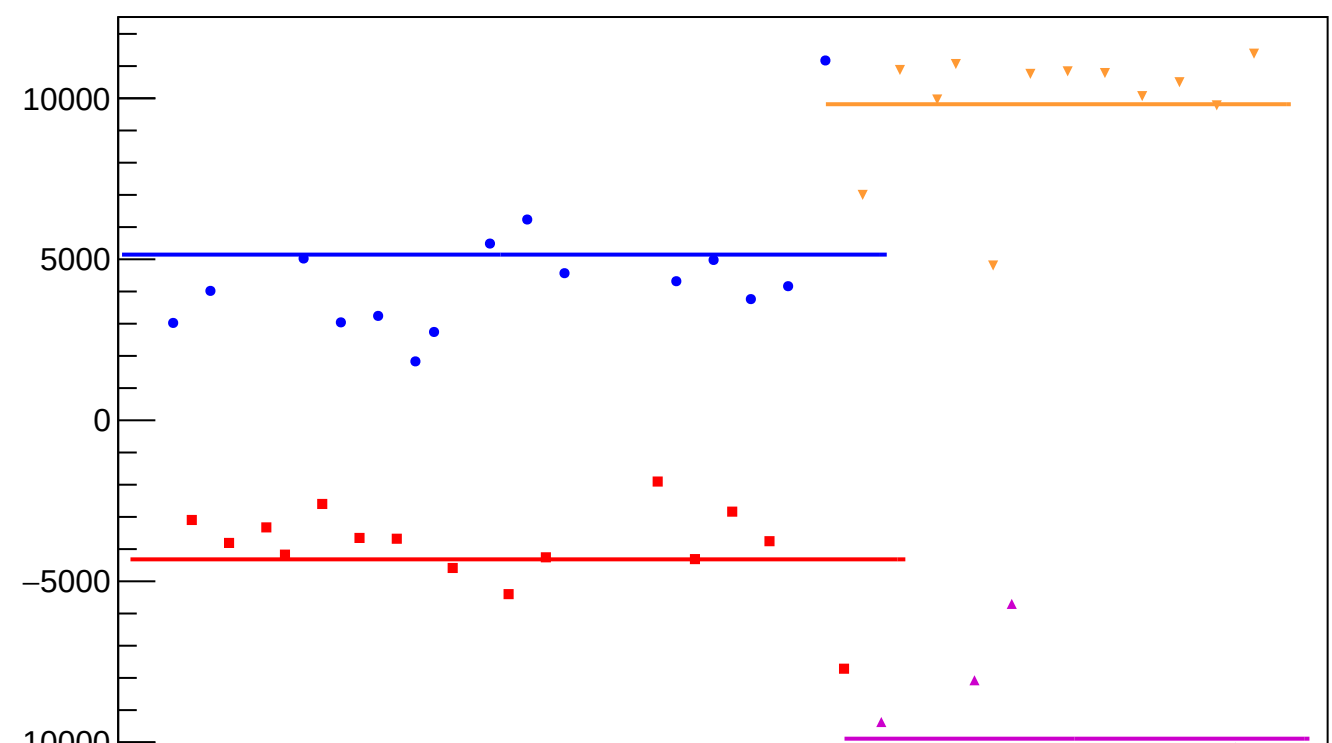
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: -89.265+/-0.000 χ^2/NDF: 1838935043265731

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

In: -3684.756+/-0.000 χ^2/NDF:927030037862326

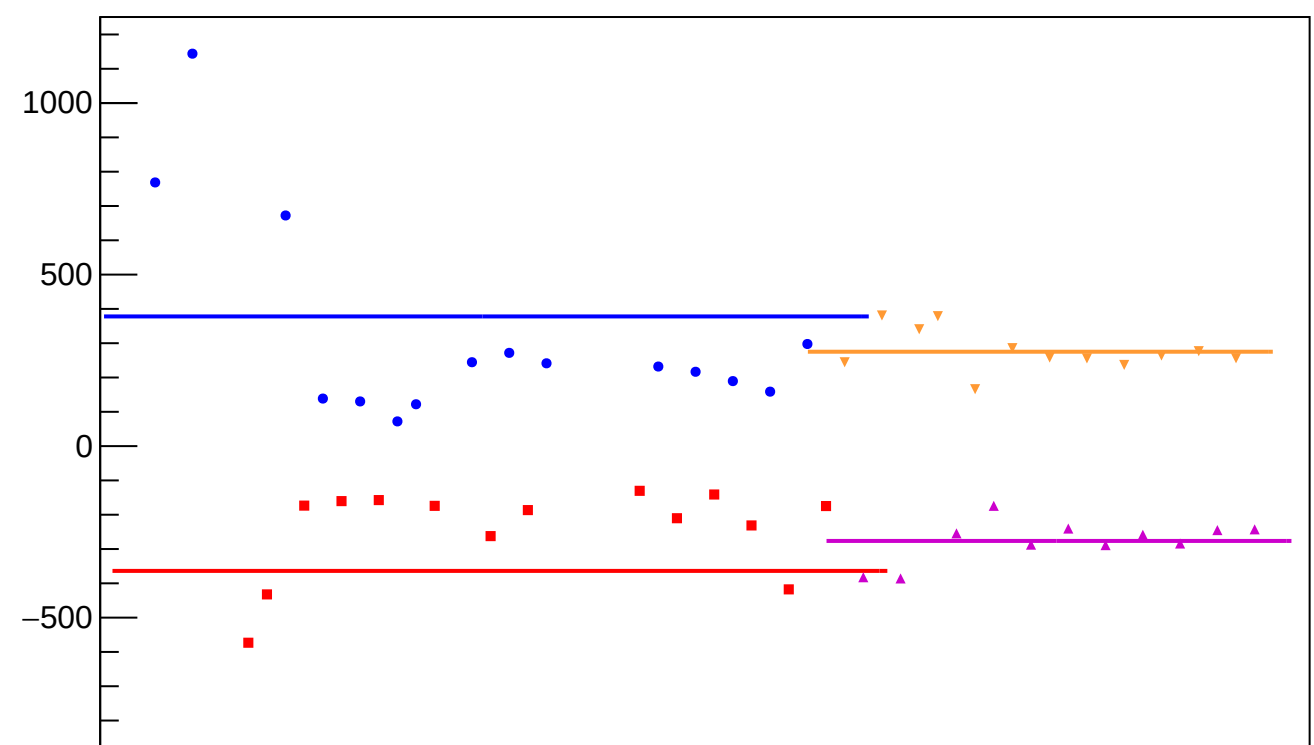
Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

Out: 3852.873+/-0.000 χ^2/NDF:836176493055076

Left In: -9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734771 2.0/10

All: 93.618+/-0.000 χ^2/NDF: 2211196592737

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: -2.125+/-0.000 χ^2/NDF: 14605036869185649

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 275.181+/-0.000 χ^2/NDF:30639739248384837526480238564951982 08.0/11

In: -6.399+/-0.000 χ^2/NDF:22799172790938067 0

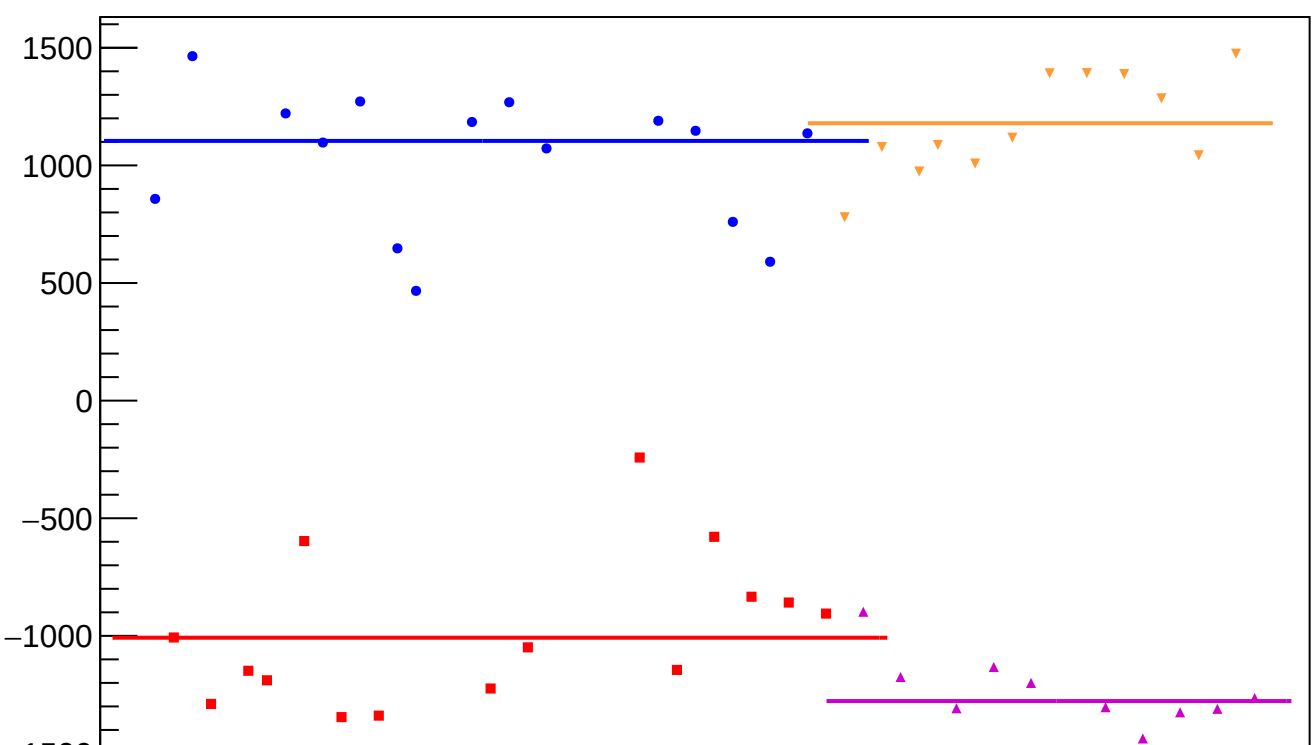
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: 5.616+/-0.000 χ^2/NDF:21952216327772997 4

Left In: -276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

All: -0.376+/-0.000 χ^2/NDF: 4476277184699

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

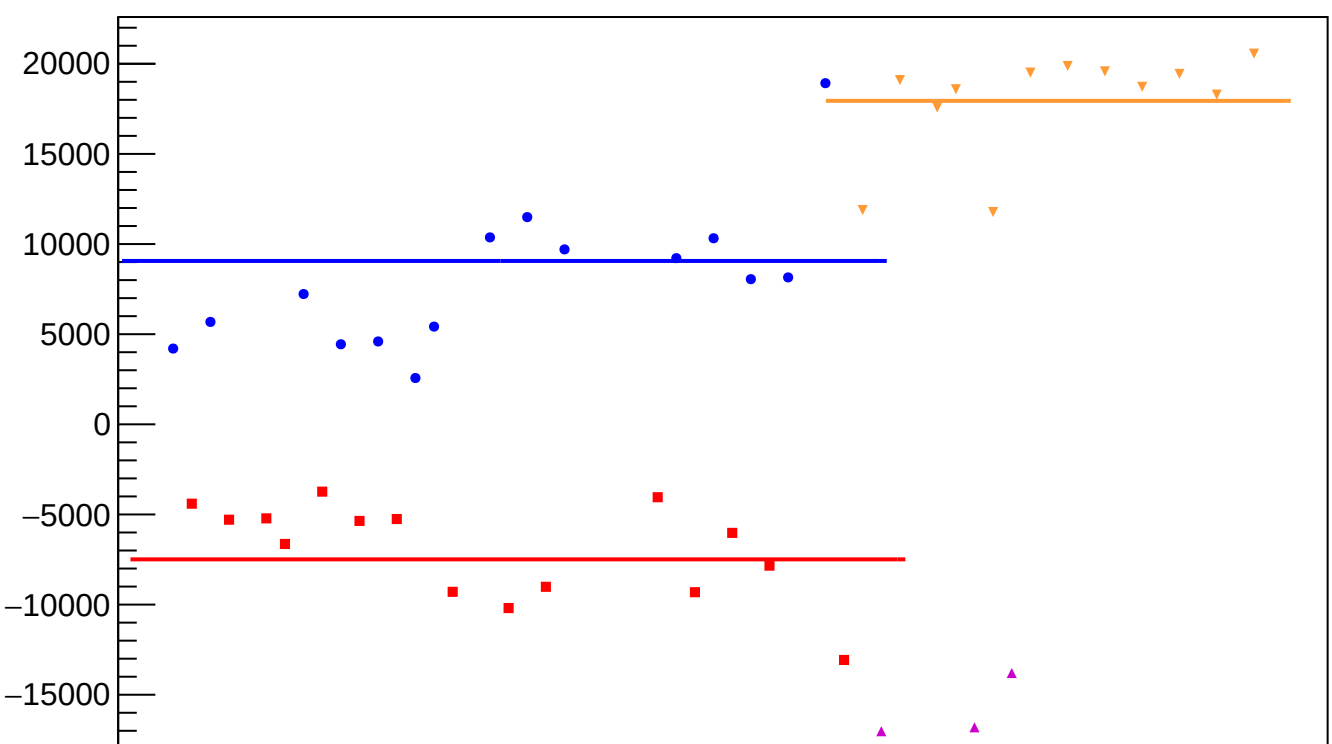
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

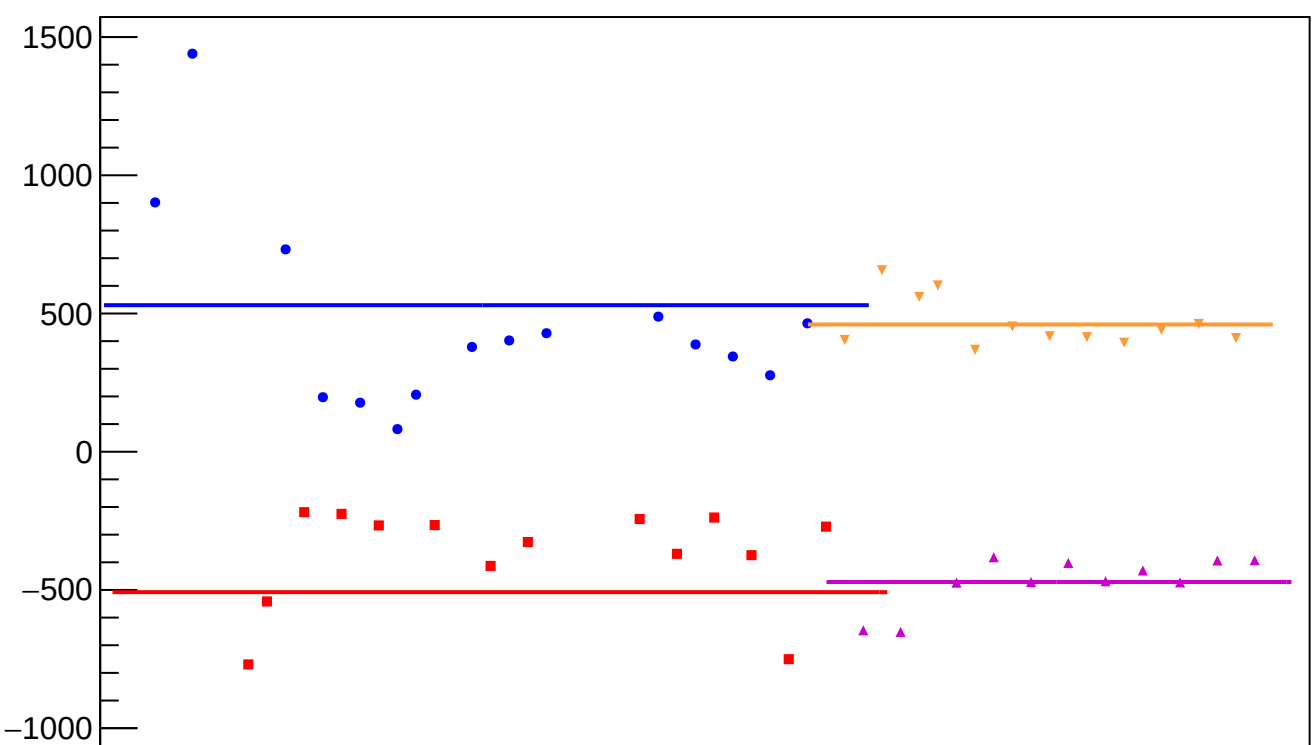
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam4_coil3_mean vs Slug, Sign Corrected



Left: -415.014+/-0.000 χ^2/NDF: 623613646313618
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 7213.447+/-0.000 χ^2/NDF:267017454267877
Left In: -18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10
All: 38.990+/-0.000 χ^2/NDF: 7383790559071

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: -7.988+/-0.000 χ^2/NDF: 41292053384474531

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

In: -58.105+/-0.000 χ^2/NDF:46840539671479809

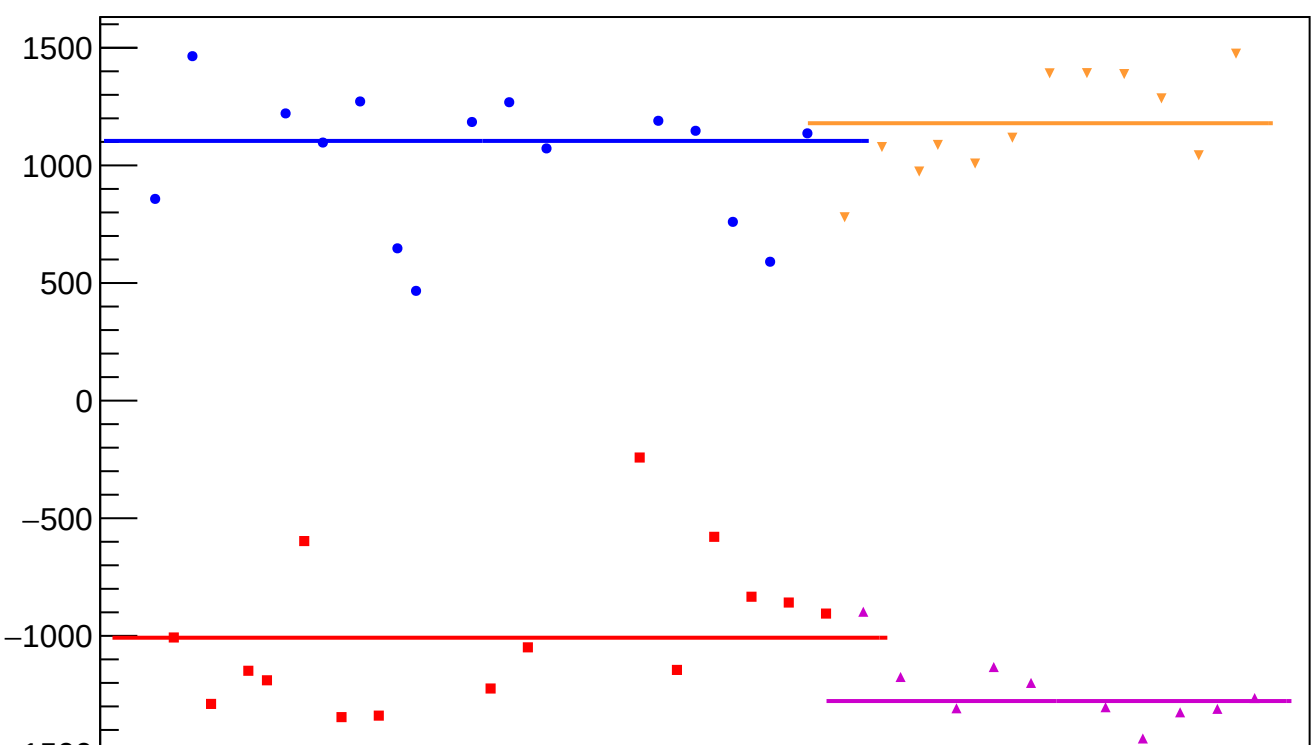
Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

Out: 51.802+/-0.000 χ^2/NDF:44498677720954542

Left In: -471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

All: -3.012+/-0.000 χ^2/NDF: 9229168077860

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

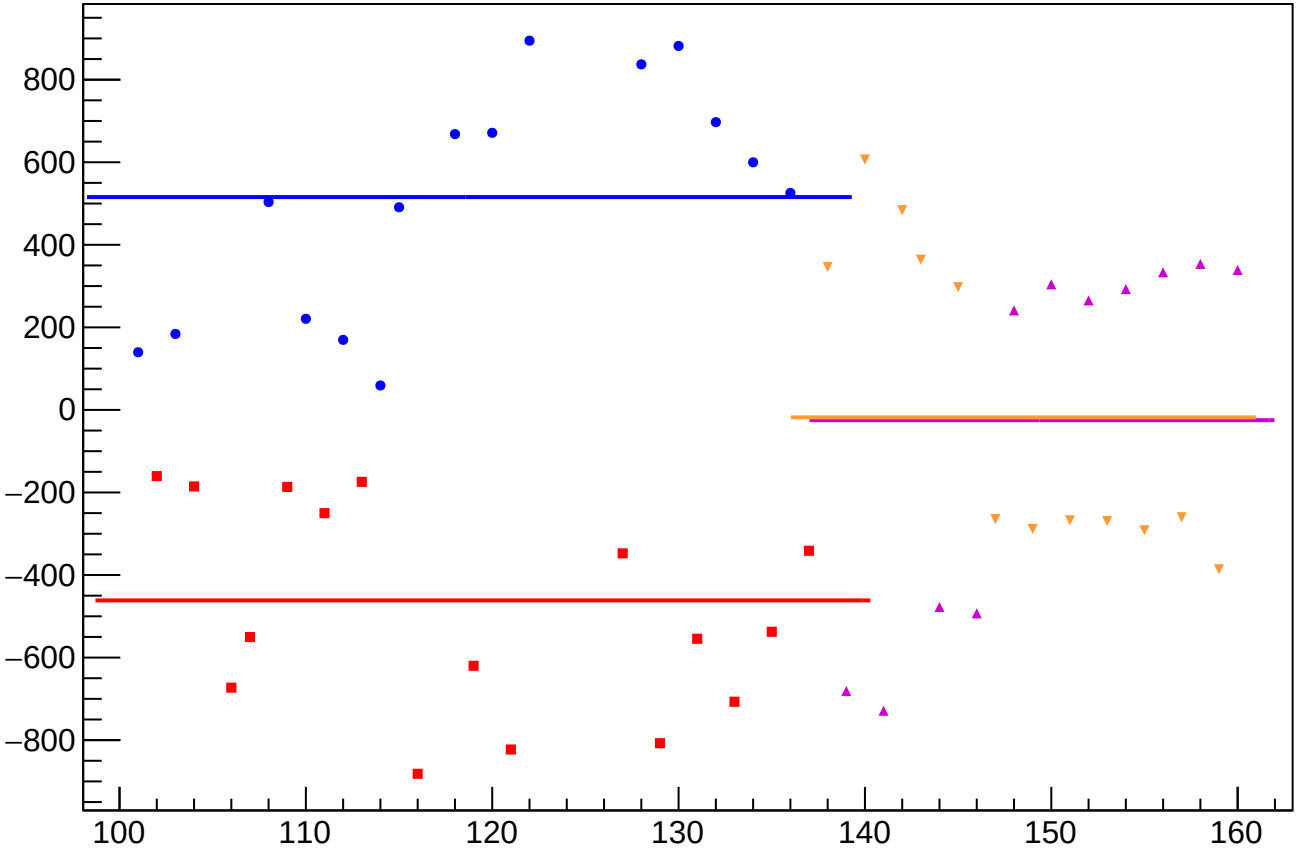
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

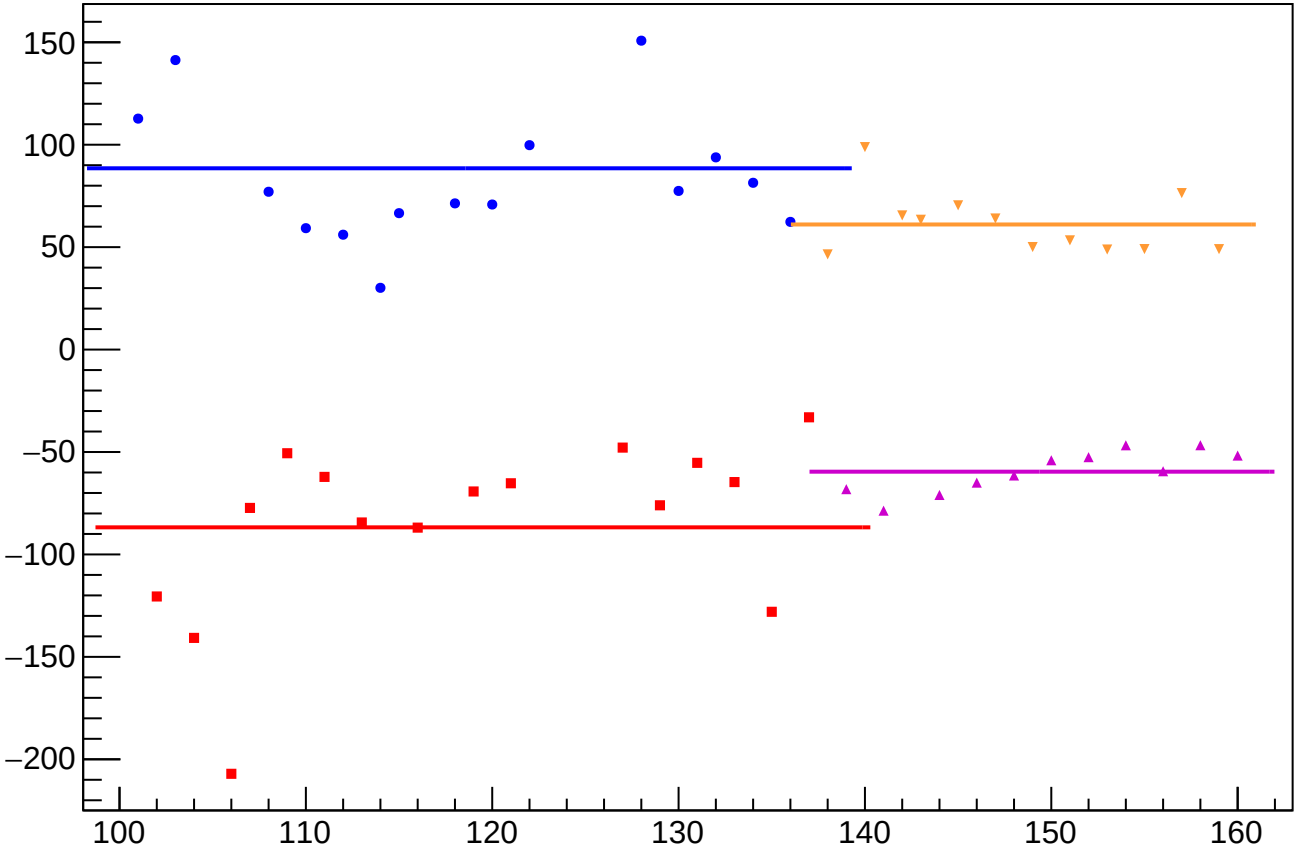
All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -21.540+/-0.000 χ^2/NDF: 2912056569899347
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
Out: -205.189+/-0.000 χ^2/NDF:230282610229259
Left In: -24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10
All: -4.046+/-0.000 χ^2/NDF: 6955593653745

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: 0.403+/-0.000 χ^2/NDF: 699320951326261037

Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666

Left Out: 61.067+/-0.000 χ^2/NDF:211507080213048507647331077961285632.0/11

In: 1.499+/-0.000 χ^2/NDF:909555293268762402

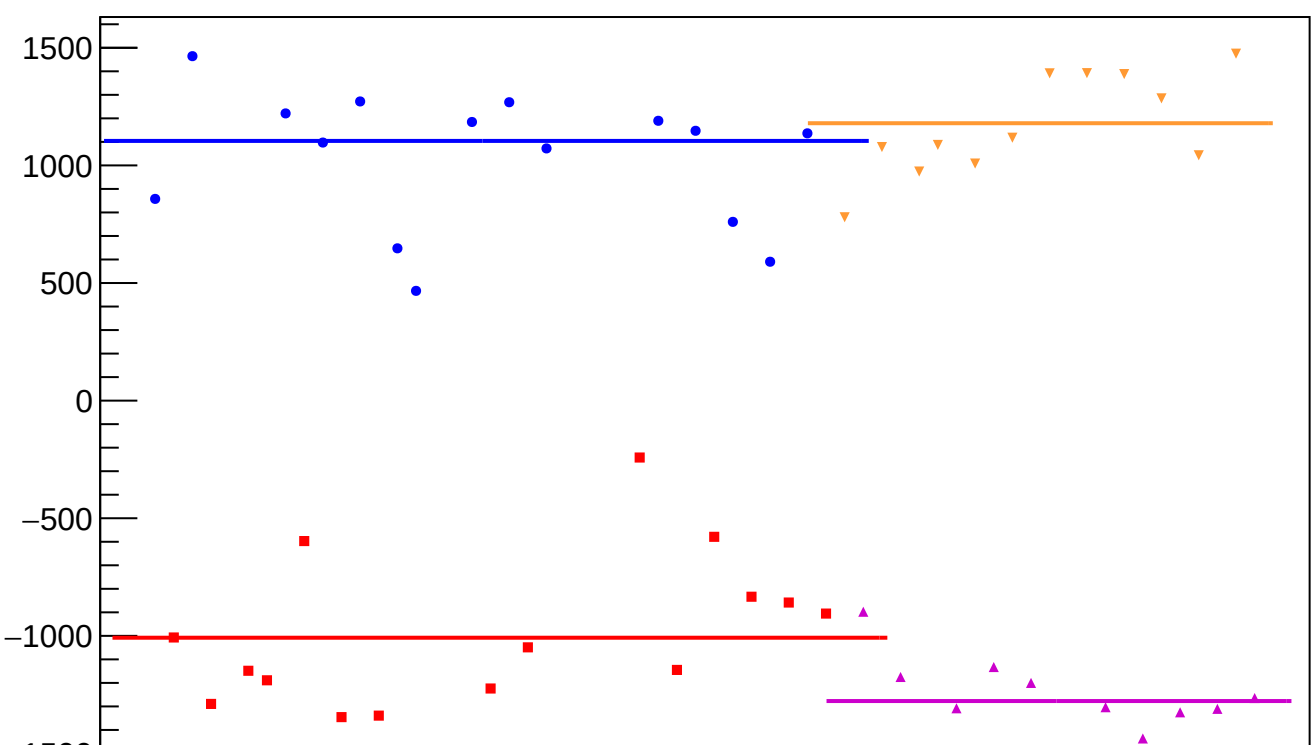
Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

Out: -1.305+/-0.000 χ^2/NDF:96987555251915958

Left In: -59.604+/-0.000 χ^2/NDF:908626251819856643753234631680327 68.0/10

All: 0.094+/-0.000 χ^2/NDF: 1880050537184

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

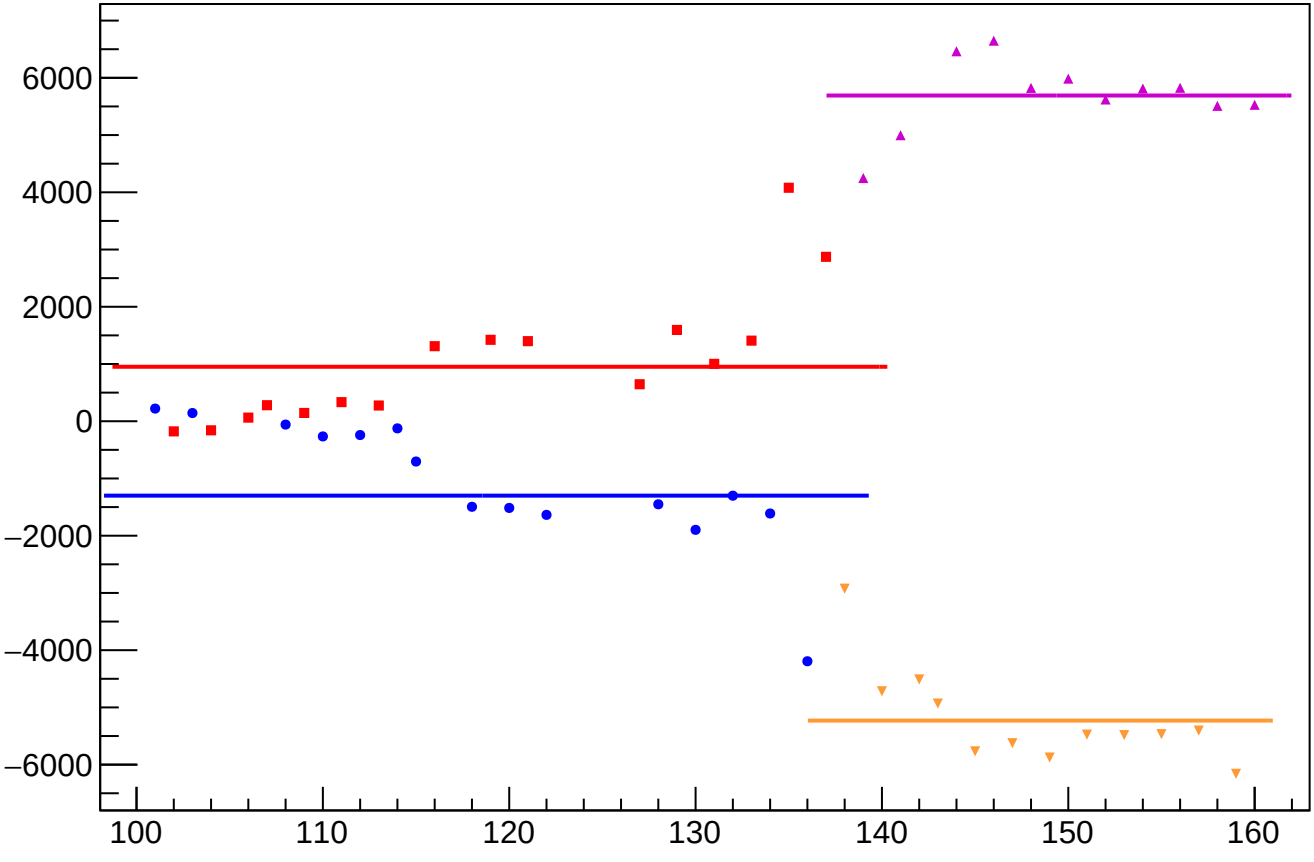
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 260.098+/-0.000 χ^2/NDF: 5578029245557142

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14

Right: -158.600+/-0.000 χ^2/NDF: 37088904648604

Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11

In: 2806.606+/-0.000 χ^2/NDF:201868973591481 4

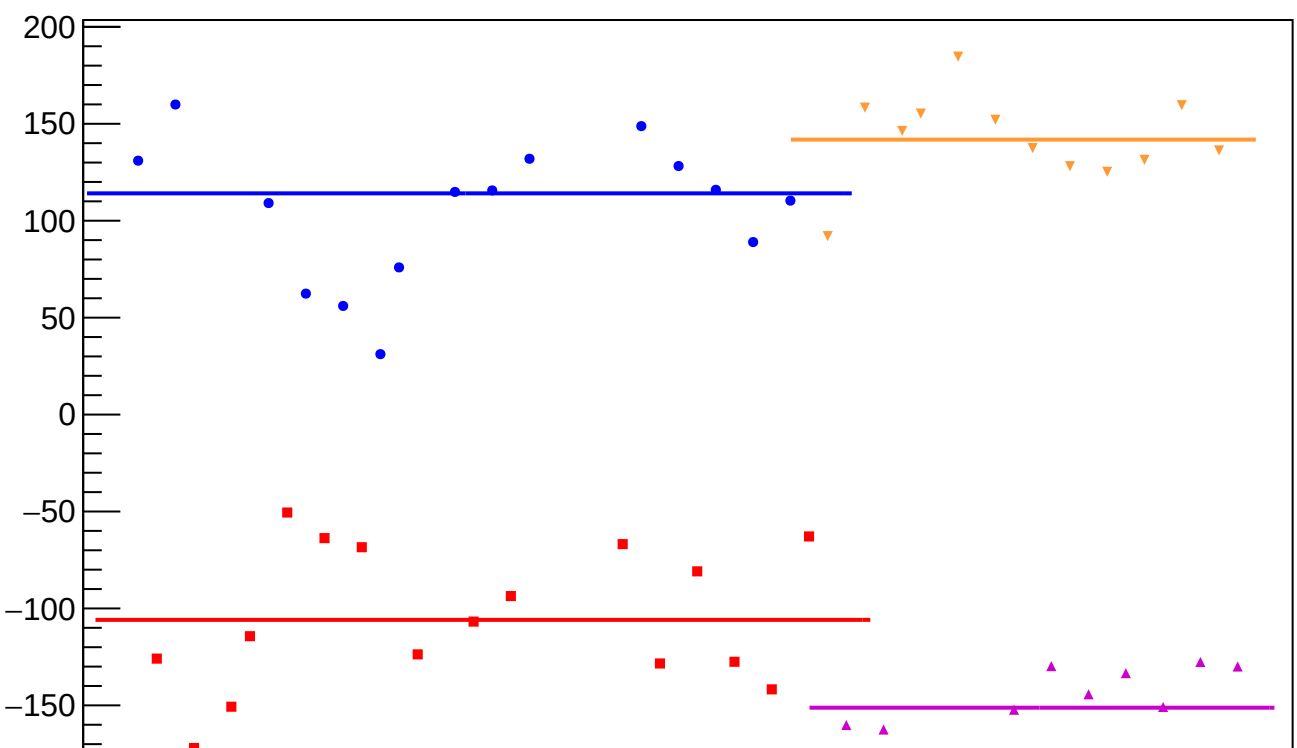
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

Out: -2622.043+/-0.000 χ^2/NDF:1619959994130 3

Left In: 5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

All: 85.397+/-0.000 χ^2/NDF: 5962362698239

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -5.477+/-0.000 χ^2/NDF: 40296557348706998

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

In: -41.735+/-0.000 χ^2/NDF:27826261181651348

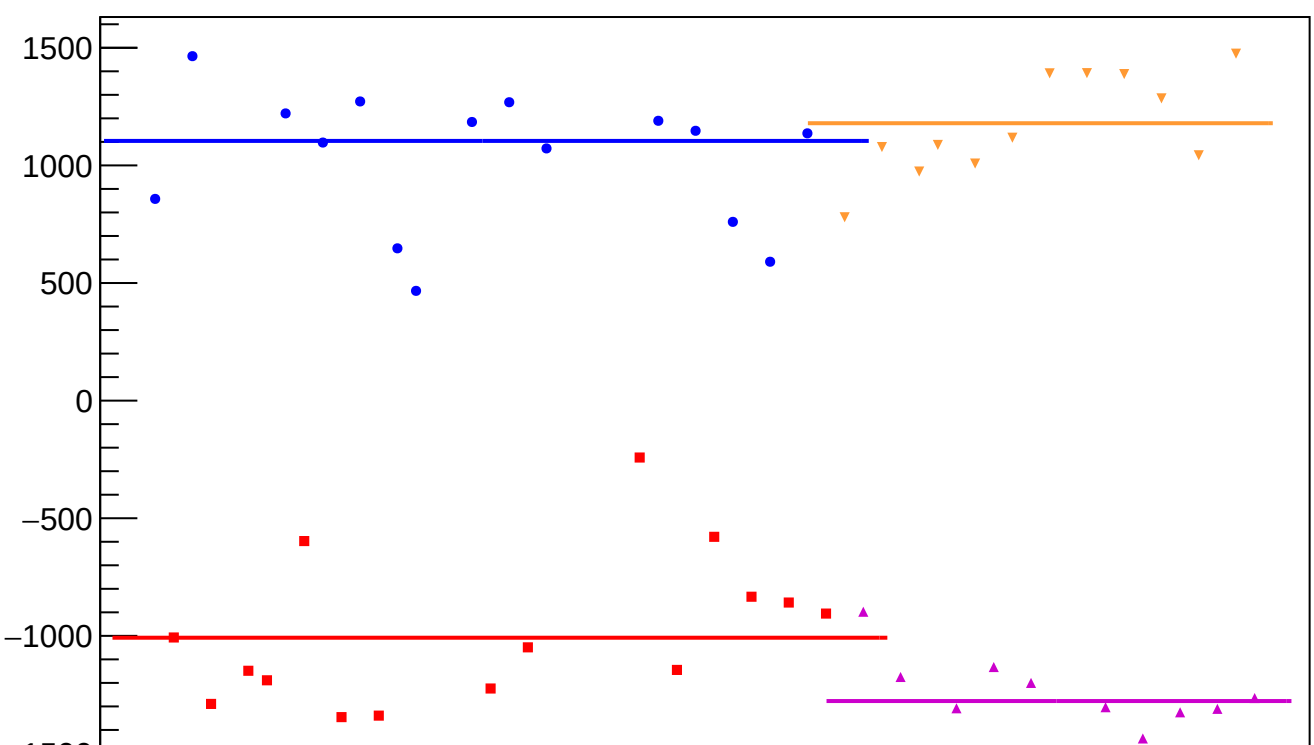
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 37.329+/-0.000 χ^2/NDF:24972280425229792

Left In: -151.203+/-0.000 χ^2/NDF:38222765260499933757743154978409676 8.0/10

All: -2.103+/-0.000 χ^2/NDF: 5772748991096

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

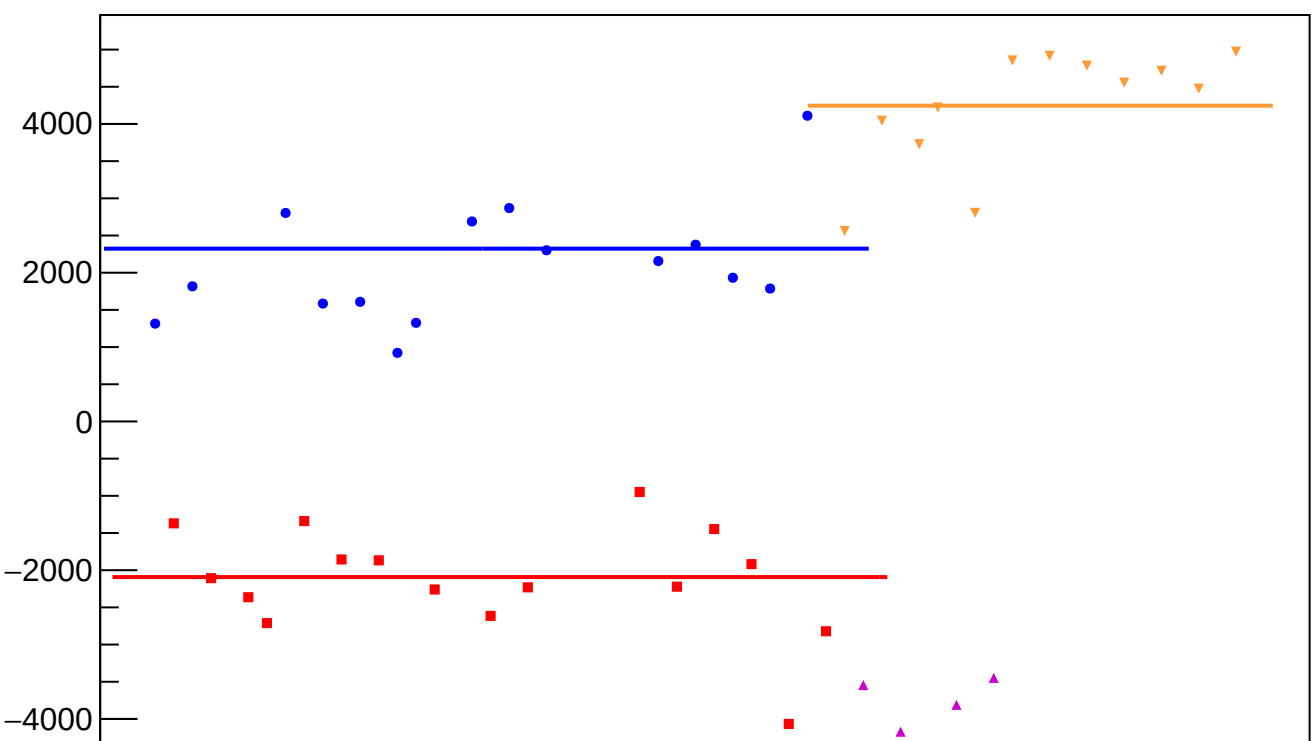
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam7_coil3_mean vs Slug, Sign Corrected



Left: -98.908+/-0.000 χ^2/NDF: 3514152812963095

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

In: -1623.712+/-0.000 χ^2/NDF:179596063861387

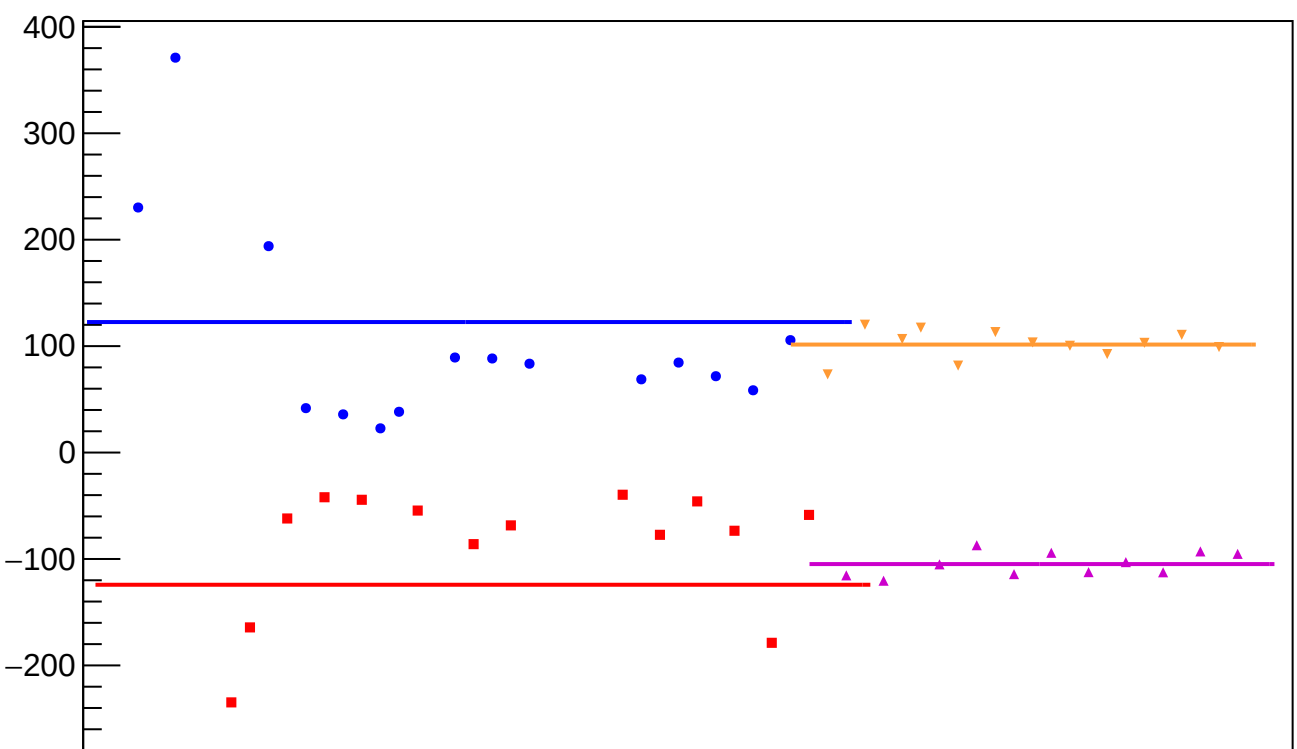
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1571.478+/-0.000 χ^2/NDF:16415649575822

Left In: -4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

All: -22.065+/-0.000 χ^2/NDF: 424251896737

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -2.219+/-0.000 χ^2/NDF: 19812994387589276

Right In: 122.622+/-0.000 χ^2/NDF: 59375046611876911459032358427494 97344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.470+/-0.000 χ^2/NDF:16360658660921551517460113962041 3440.0/11

In: -10.961+/-0.000 χ^2/NDF:2575473987064935 8

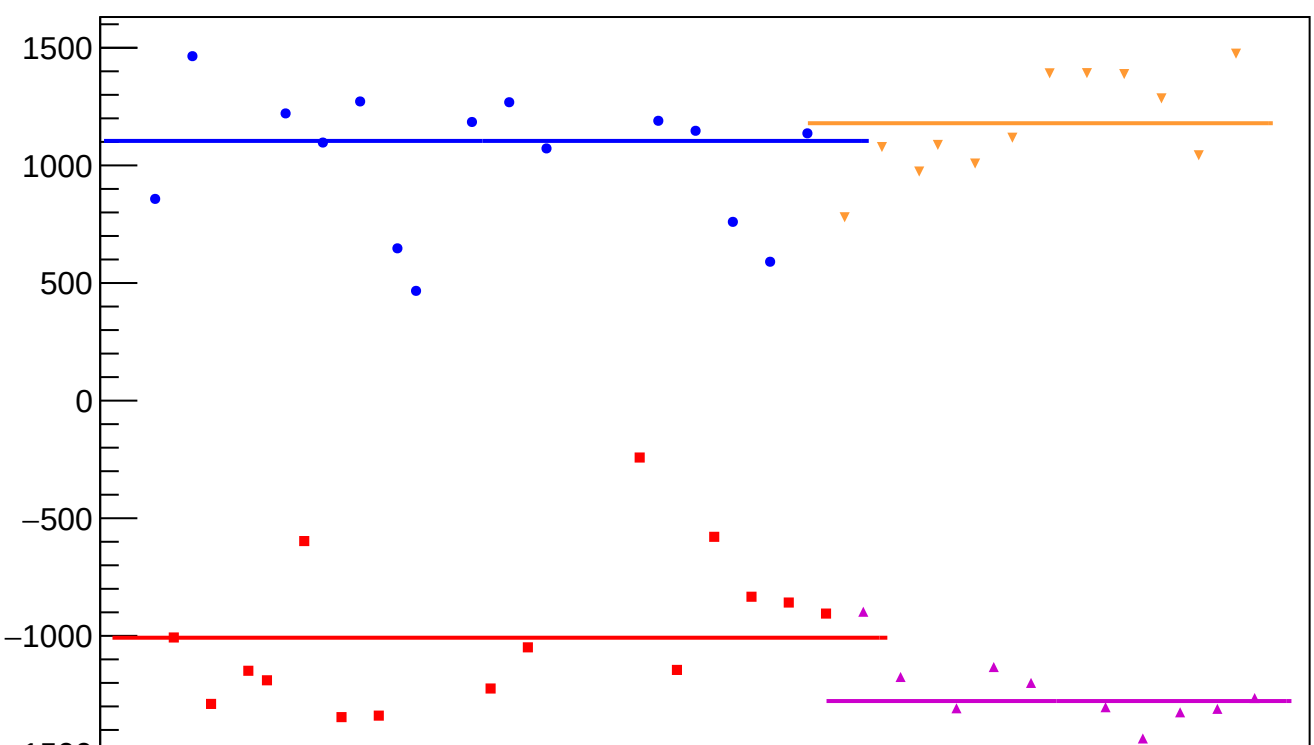
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 6.256+/-0.000 χ^2/NDF:2635369442246566 89

Left In: -104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

All: -2.330+/-0.000 χ^2/NDF: 5234216215941

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

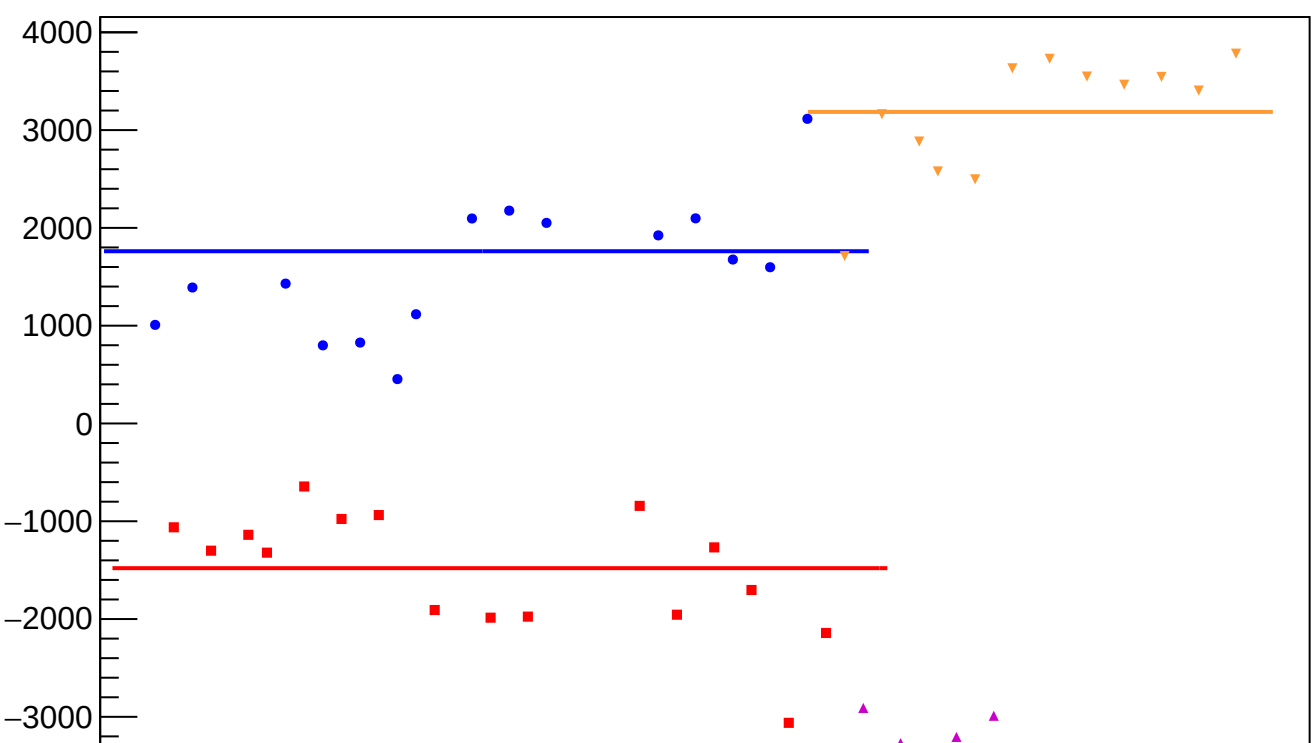
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -136.525+/-0.000 χ^2/NDF: 204789855452922

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

In: -1284.056+/-0.000 χ^2/NDF:106529223368733

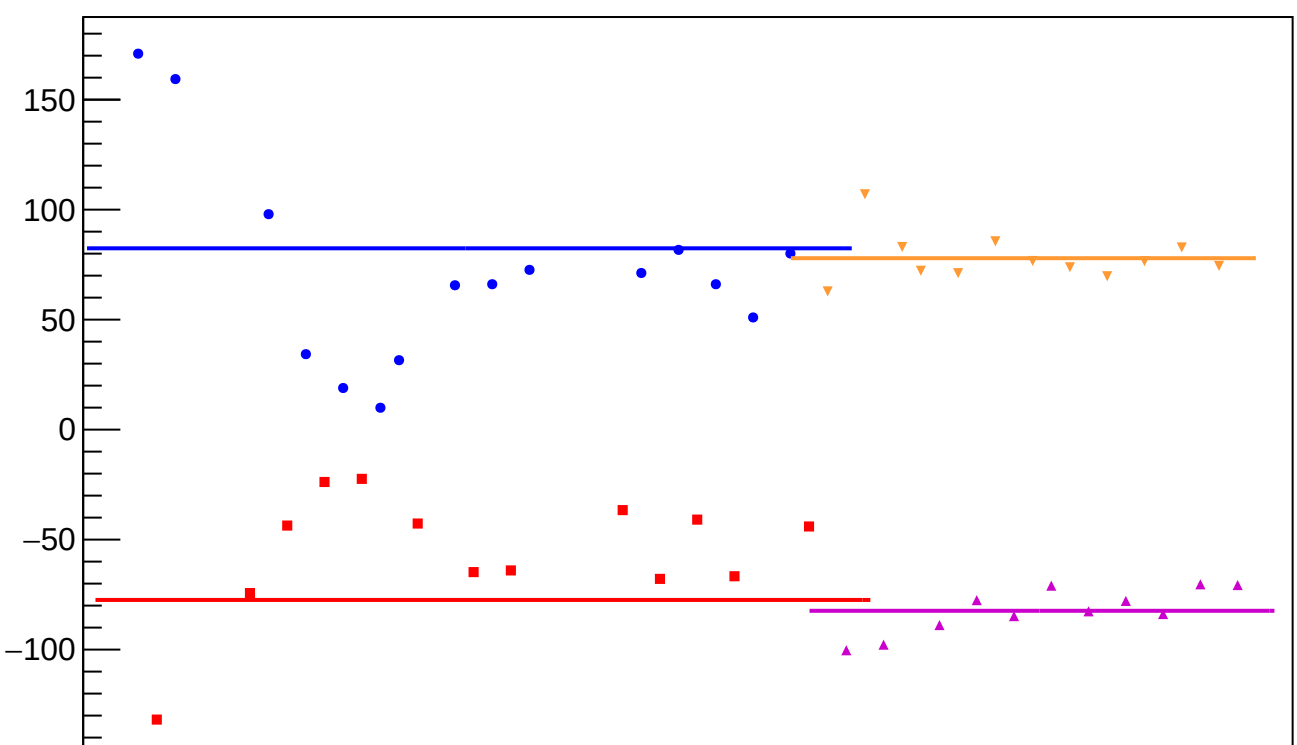
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1217.526+/-0.000 χ^2/NDF:89925987764986

Left In: -3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

All: -30.093+/-0.000 χ^2/NDF: 245798533014

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -2.653+/-0.000 χ^2/NDF: 12002252519609657

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 11184350671309506

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

In: -14.374+/-0.000 χ^2/NDF:11703552131501015

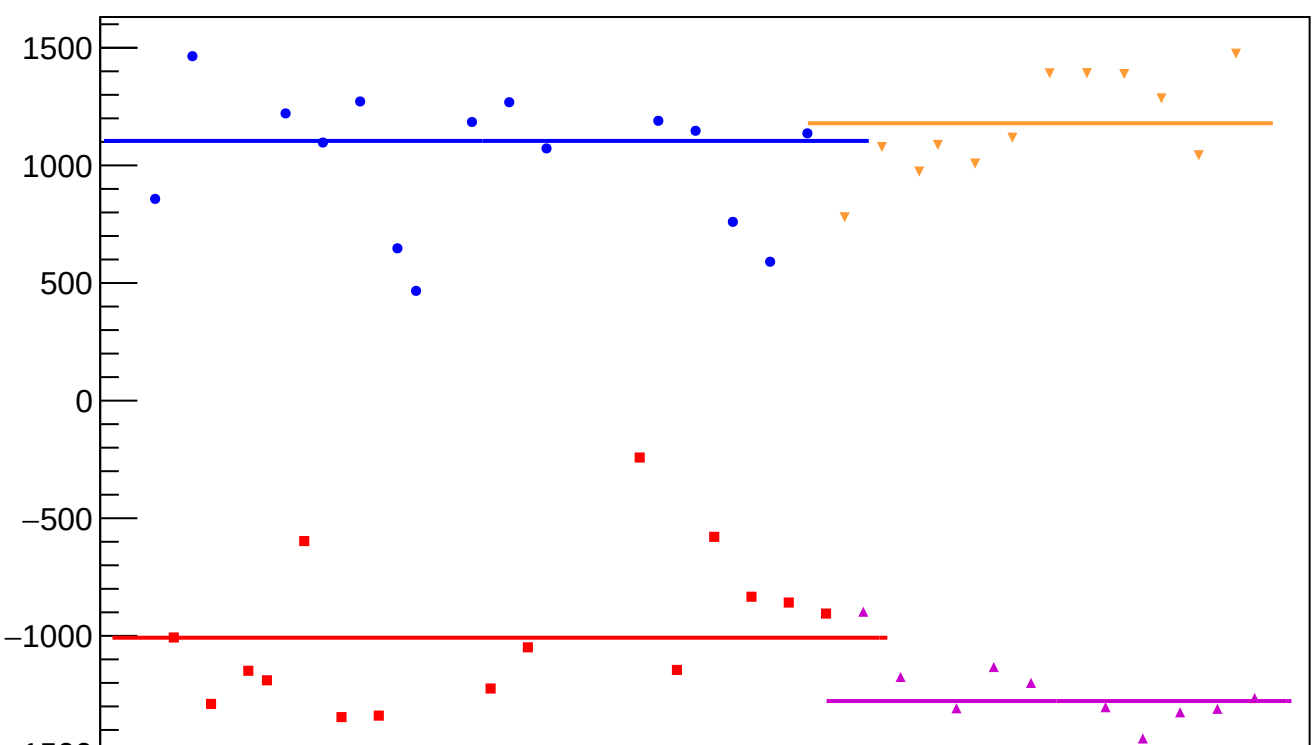
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 12.384+/-0.000 χ^2/NDF:10931113558677322

Left In: -82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

All: -0.961+/-0.000 χ^2/NDF: 2319921906530

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

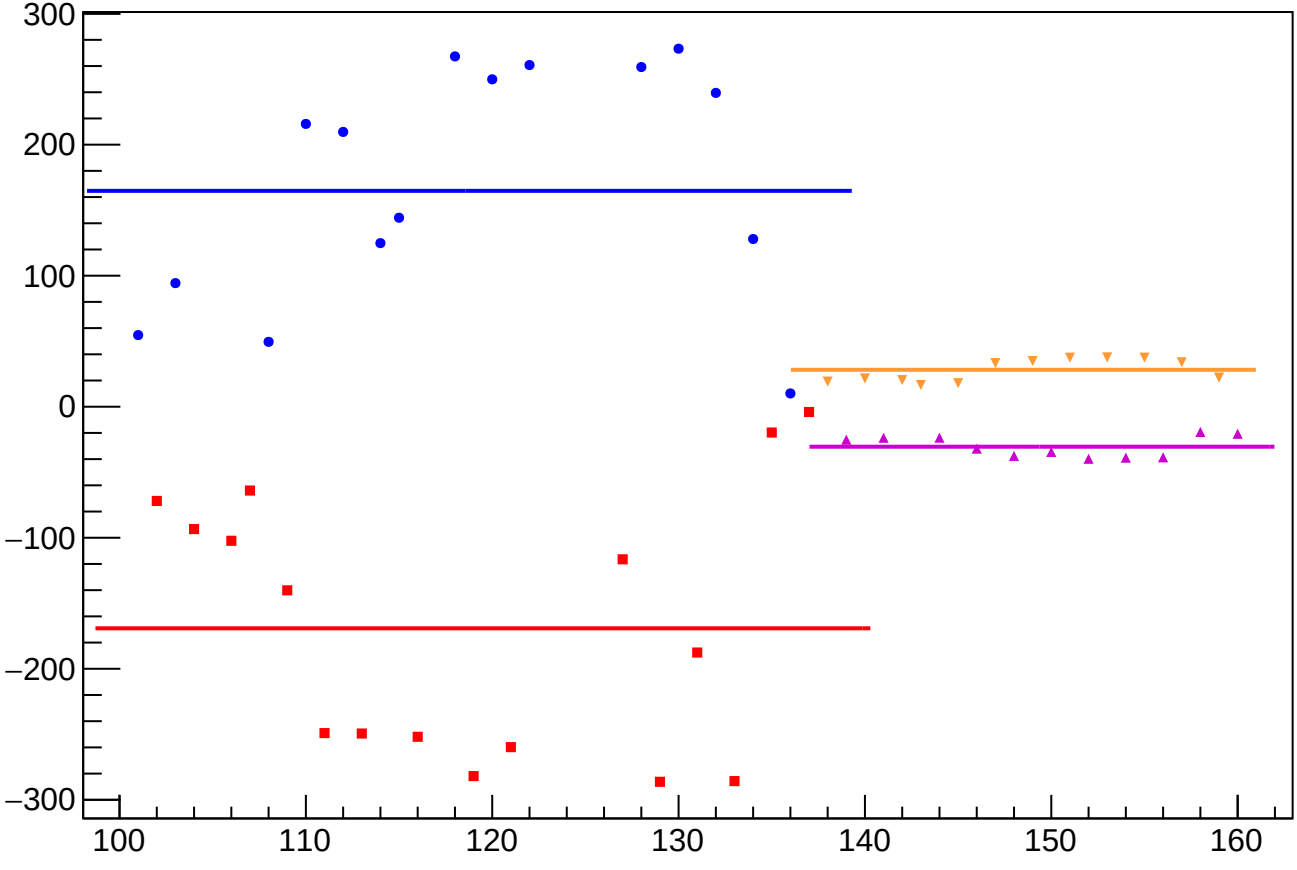
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -1.317+/-0.000 χ^2/NDF: 16978934081589781

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

In: 50.054+/-0.000 χ^2/NDF:20957243949655608 5

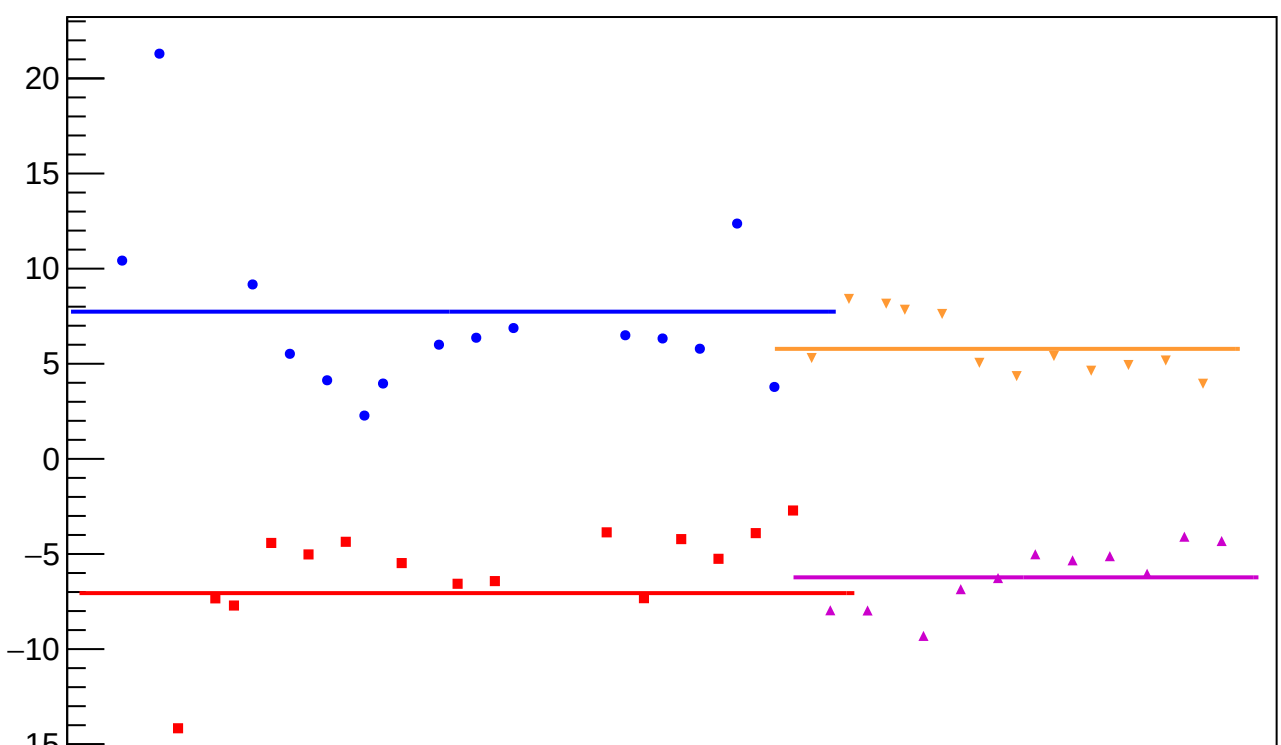
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

Out: -55.045+/-0.000 χ^2/NDF:2111323920107624

Left In: -30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

All: -2.629+/-0.000 χ^2/NDF: 5078015592202

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

Left Out: 5.783+/-0.000 χ^2/NDF:2082103650411209995862519006101504.0/11

Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Left In: -6.228+/-0.000 χ^2/NDF:2331911751655733809355489024147456.0/10

Left: -0.255+/-0.000 χ^2/NDF: 7069951433838344 3

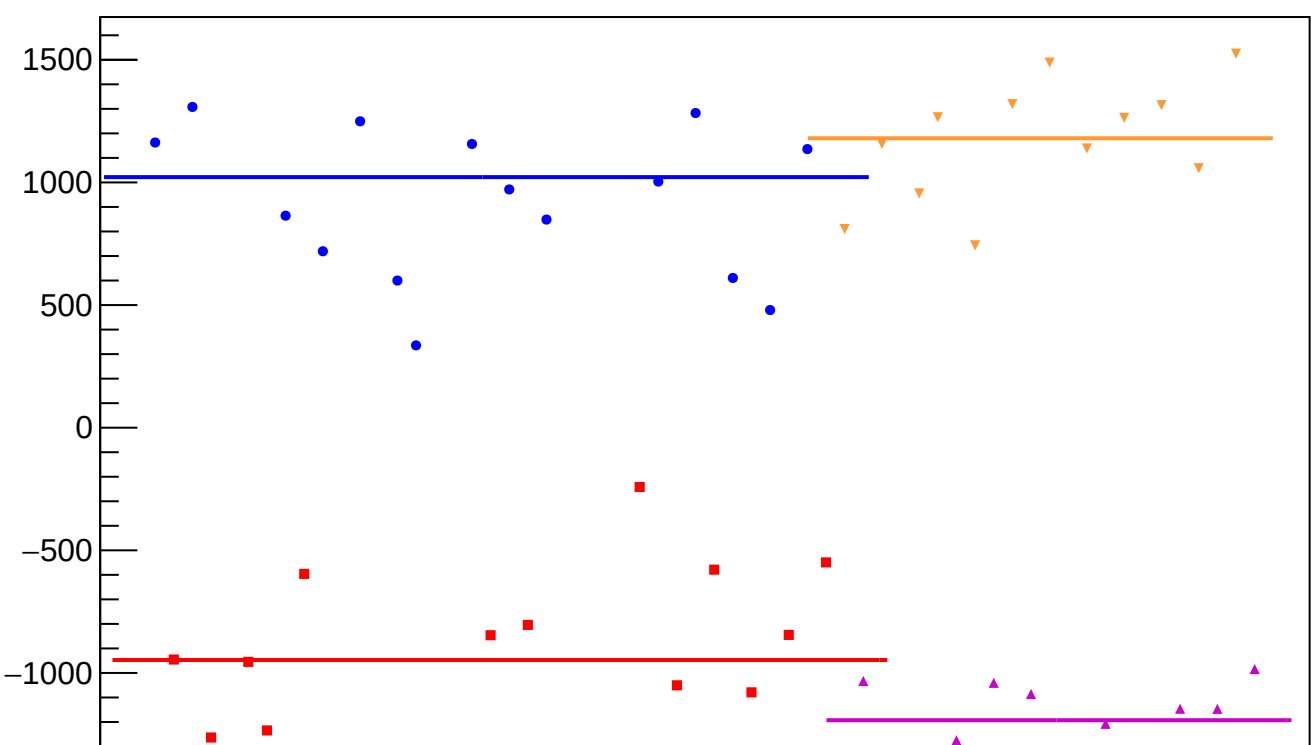
Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

In: -0.465+/-0.000 χ^2/NDF:918173600433659014

Out: 0.366+/-0.000 χ^2/NDF:769487203069941784

All: -0.049+/-0.000 χ^2/NDF: 1693113496789

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

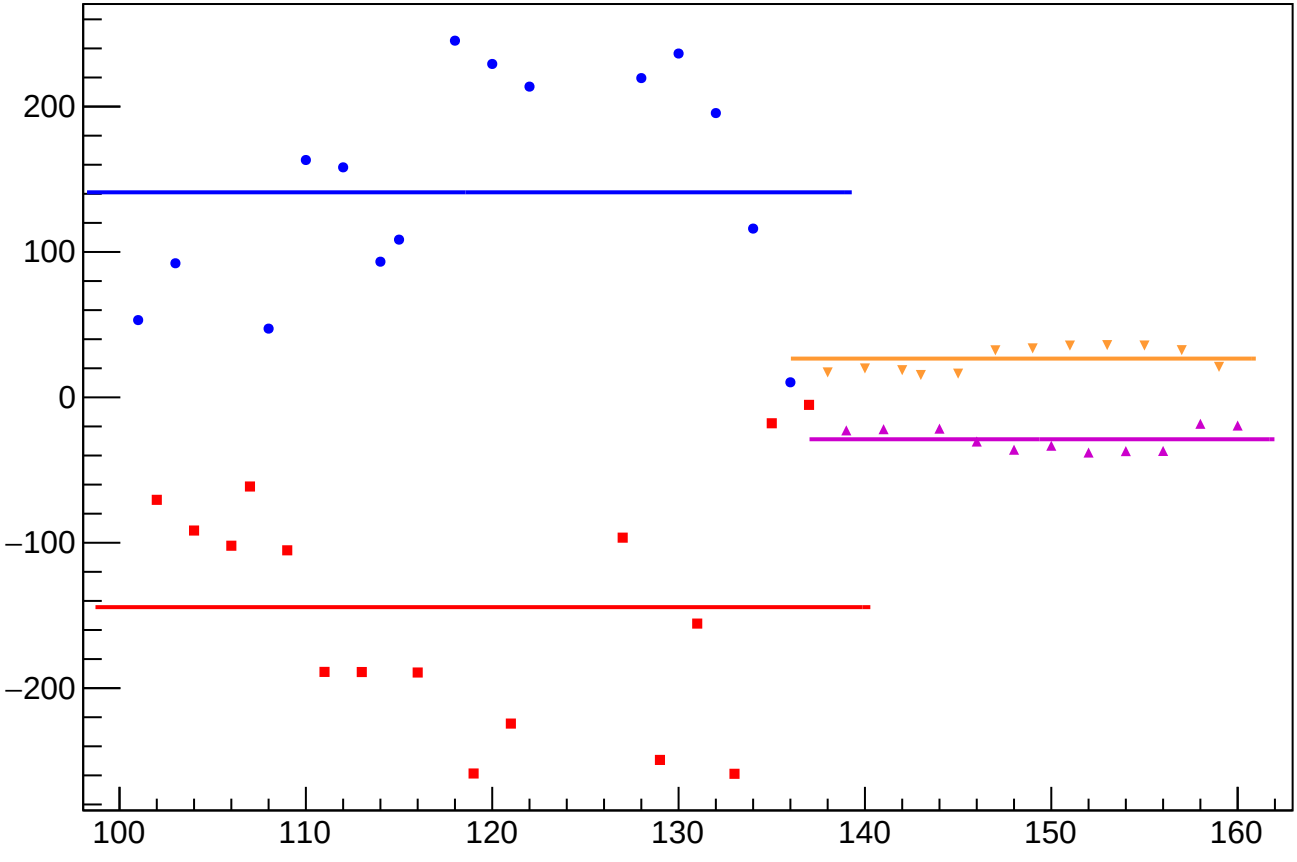
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -1.225+/-0.000 χ^2/NDF: 15294237123103654

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

In: 41.261+/-0.000 χ^2/NDF:15558202913354022

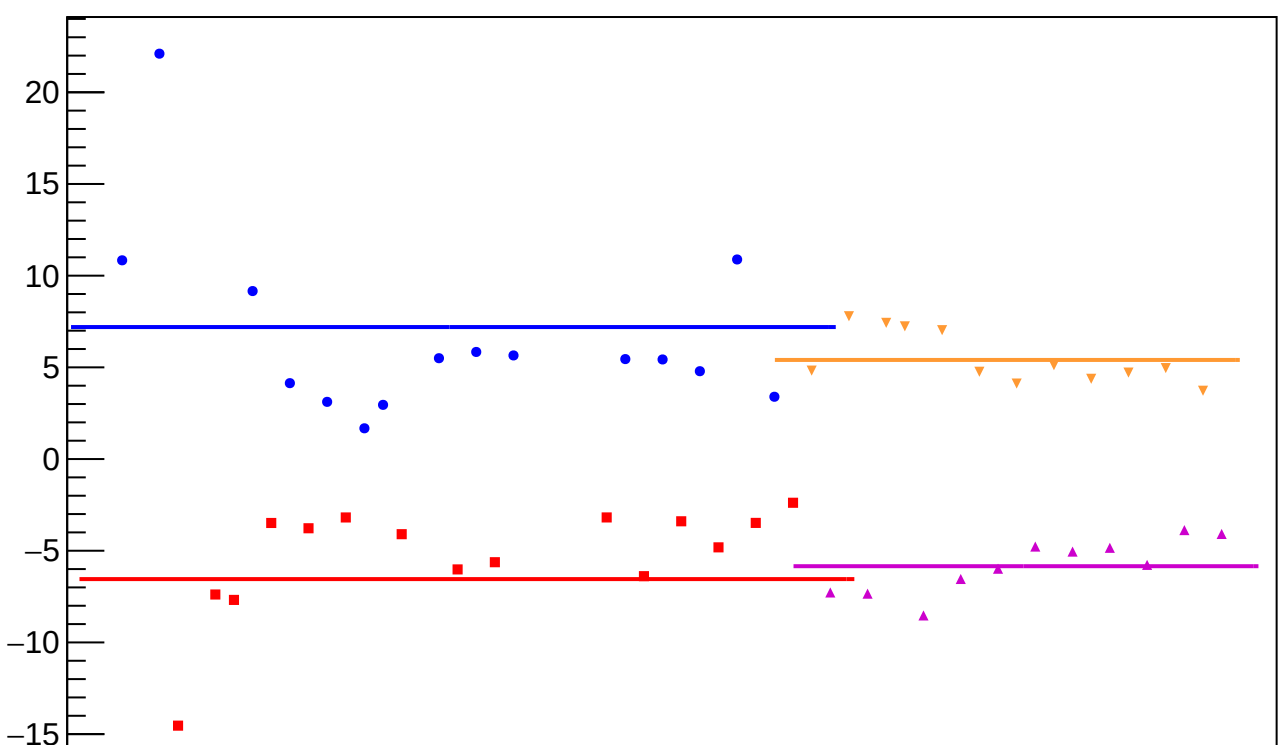
Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -45.453+/-0.000 χ^2/NDF:1559993230161443

Left In: -28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

All: -2.206+/-0.000 χ^2/NDF: 3708705323759

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198+/-0.000 χ^2/NDF: 1821264072850278533783196696313856 0.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:1657476673222734549536062415306752.0/11

Right Out: -6.547+/-0.000 χ^2/NDF: 1407891250511606893623080983409 4592.0/15

Left In: -5.843+/-0.000 χ^2/NDF:1832786837102707862400537806766080.0/10

Left: -0.250+/-0.000 χ^2/NDF: 6161814130273038 1

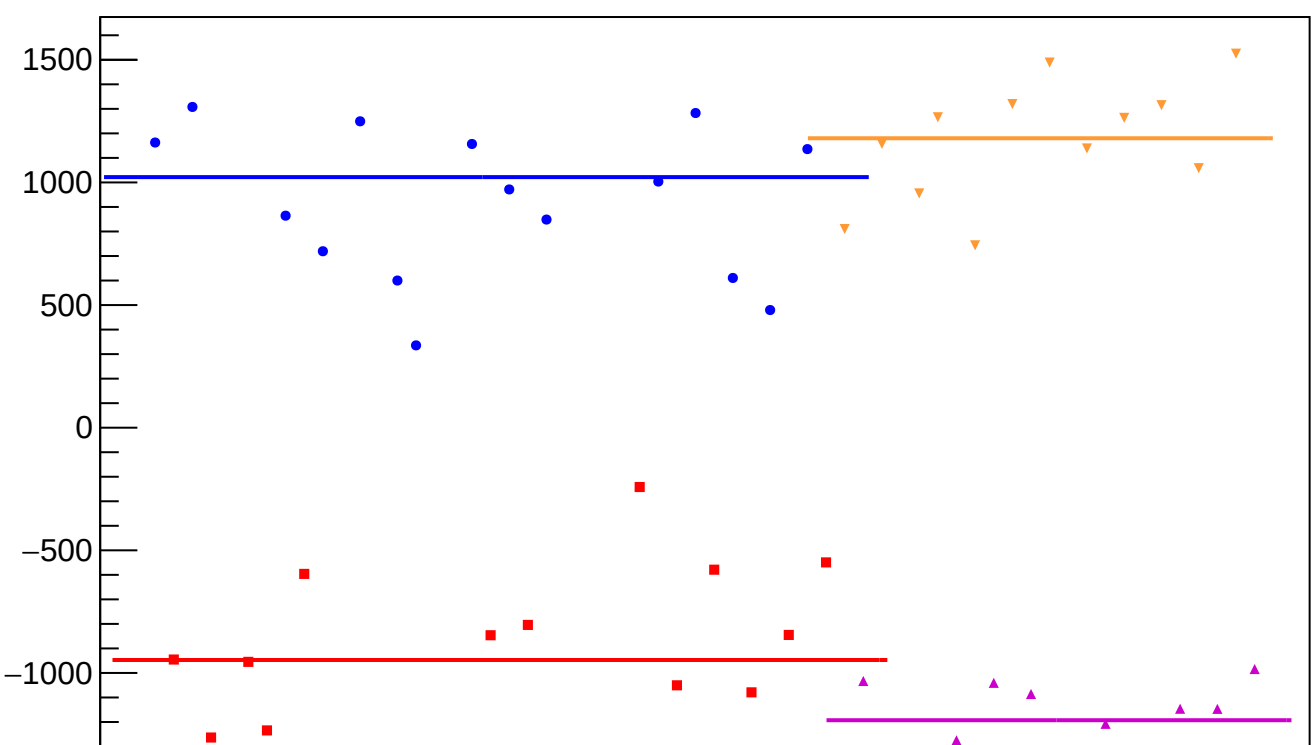
Right: 0.232+/-0.000 χ^2/NDF: 9443088474536779 1

In: -0.463+/-0.000 χ^2/NDF:8488165889201747 35

Out: 0.362+/-0.000 χ^2/NDF:7080864399270327 17

All: -0.049+/-0.000 χ^2/NDF: 1562270252344

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

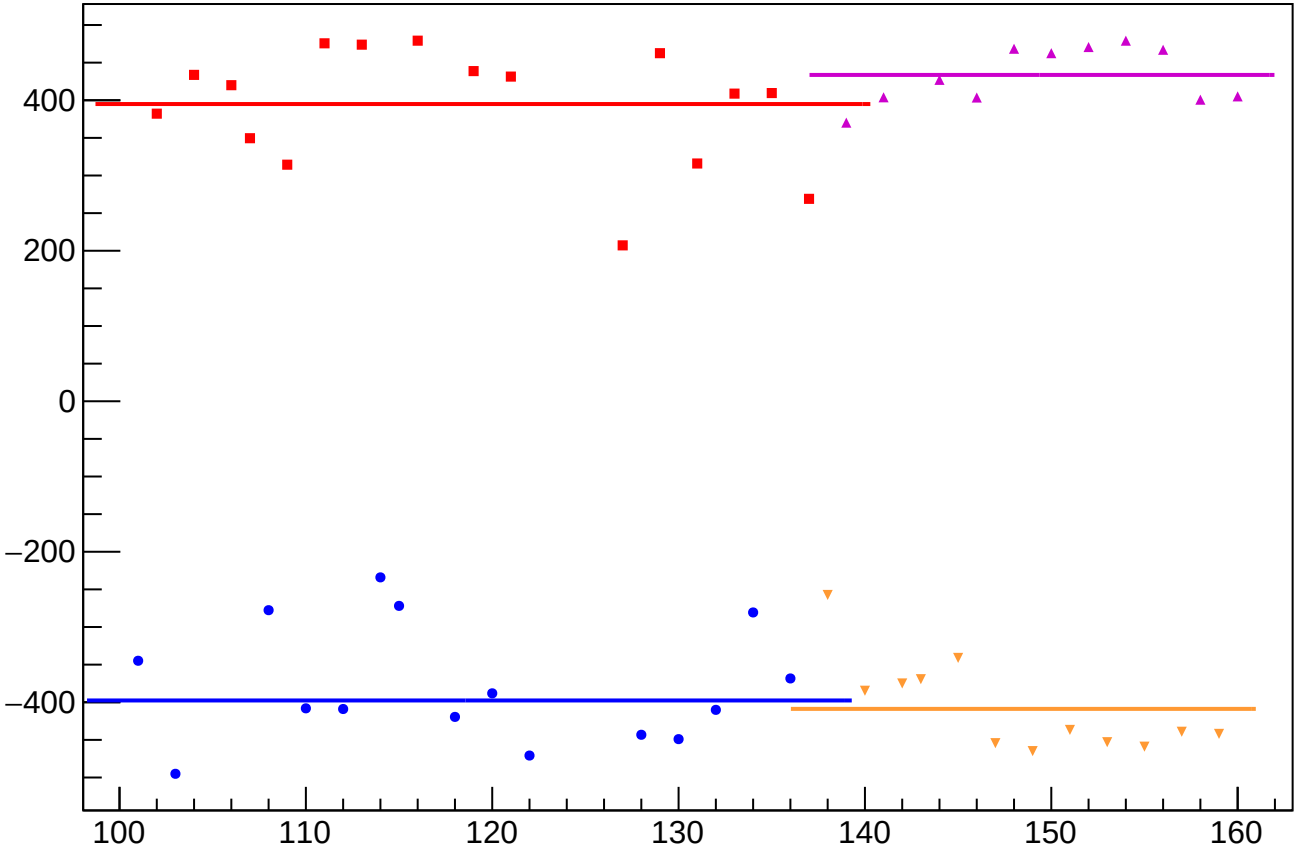
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

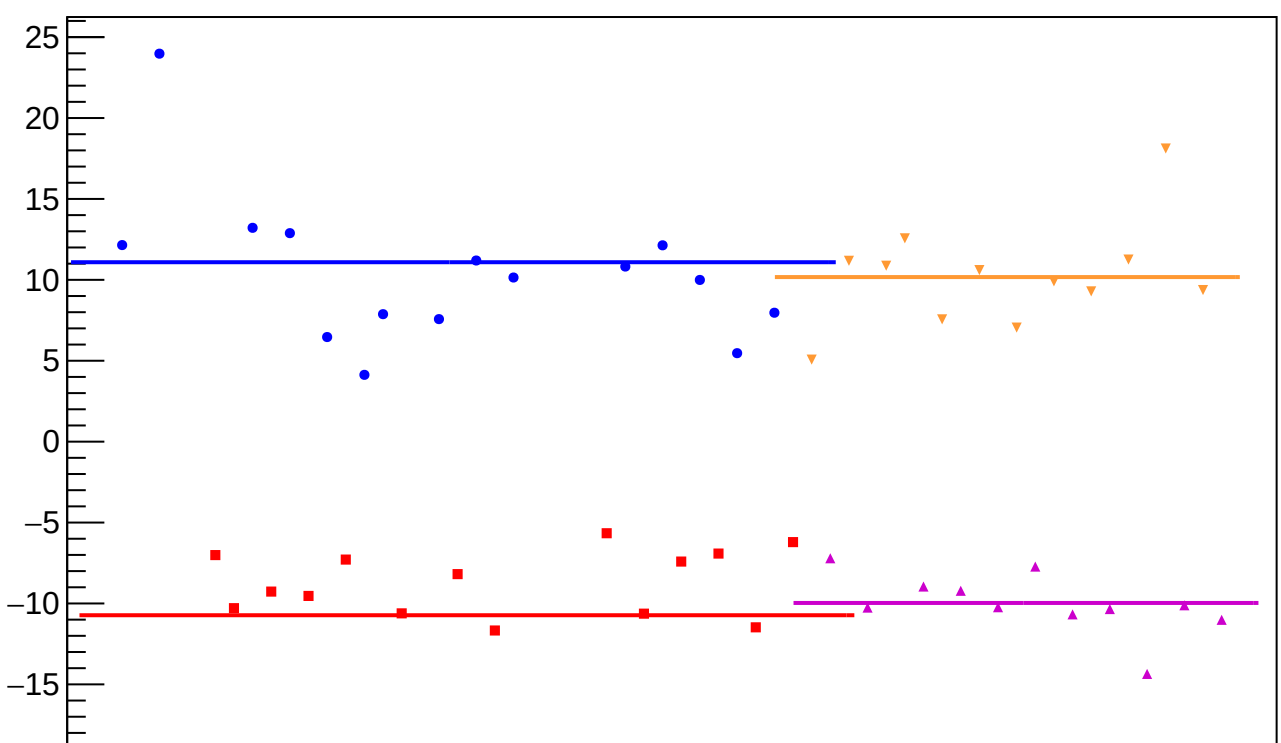
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Left: 14.727+/-0.000 χ^2/NDF: 3306788770143985
Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3
Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11
In: 90.690+/-0.000 χ^2/NDF:267298439260479340
Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15
Out: -69.697+/-0.000 χ^2/NDF:2561673028781217
Left In: 433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10
All: 10.293+/-0.000 χ^2/NDF: 5437489116587

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.046+/-0.000 χ^2/NDF: 19835798282447665

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822 4

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

In: -1.280+/-0.000 χ^2/NDF:1861837973152803 28

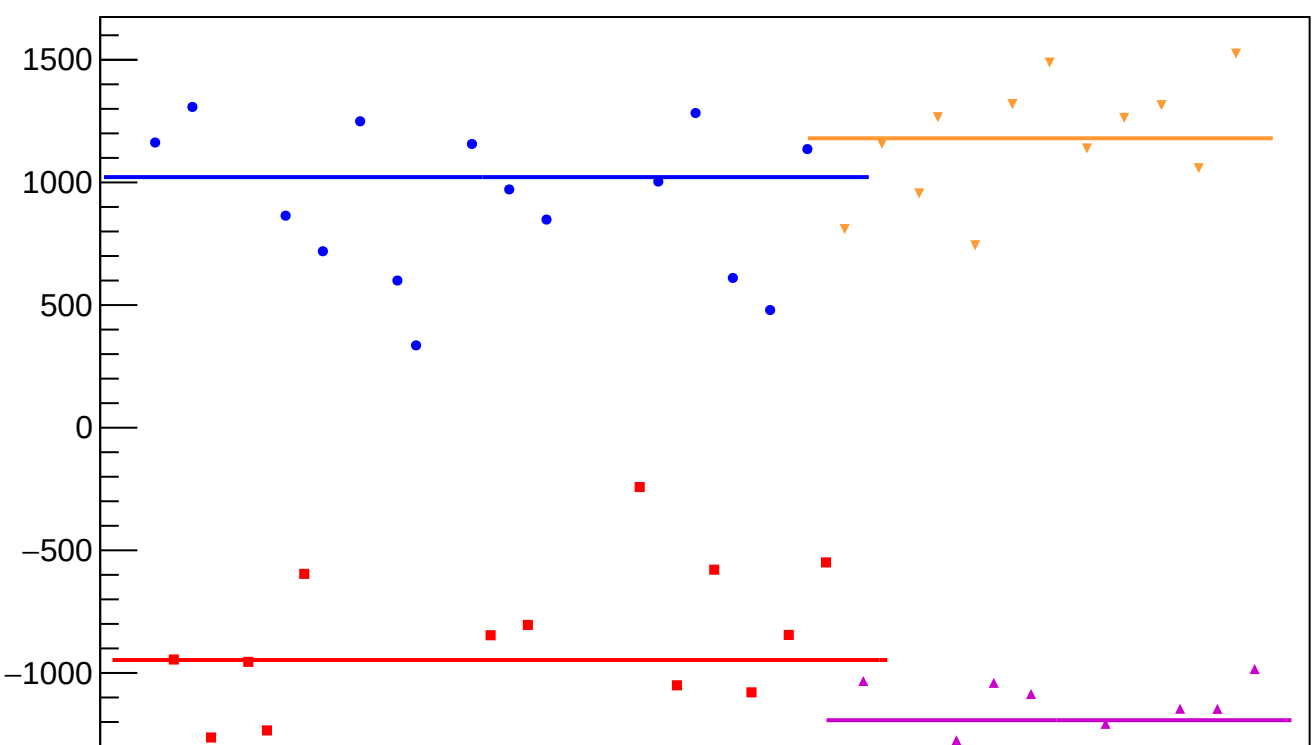
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

Out: 1.354+/-0.000 χ^2/NDF:1922663154658547 31

Left In: -9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

All: 0.040+/-0.000 χ^2/NDF: 3839228456311 8

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

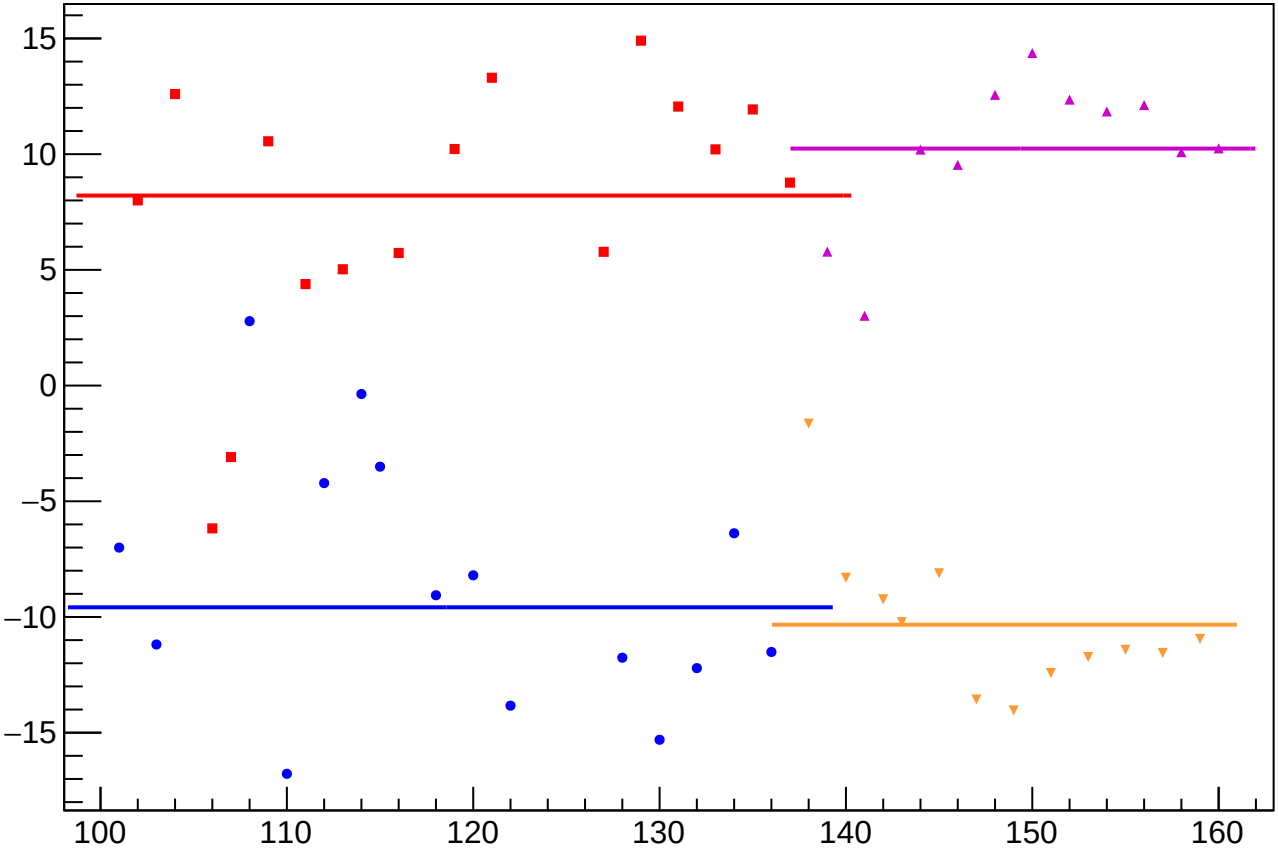
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 21288427185661419

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.333+/-0.000 χ^2/NDF:9377692425026365375047041474887680.0/11

In: 2.062+/-0.000 χ^2/NDF:173509343725026815 6

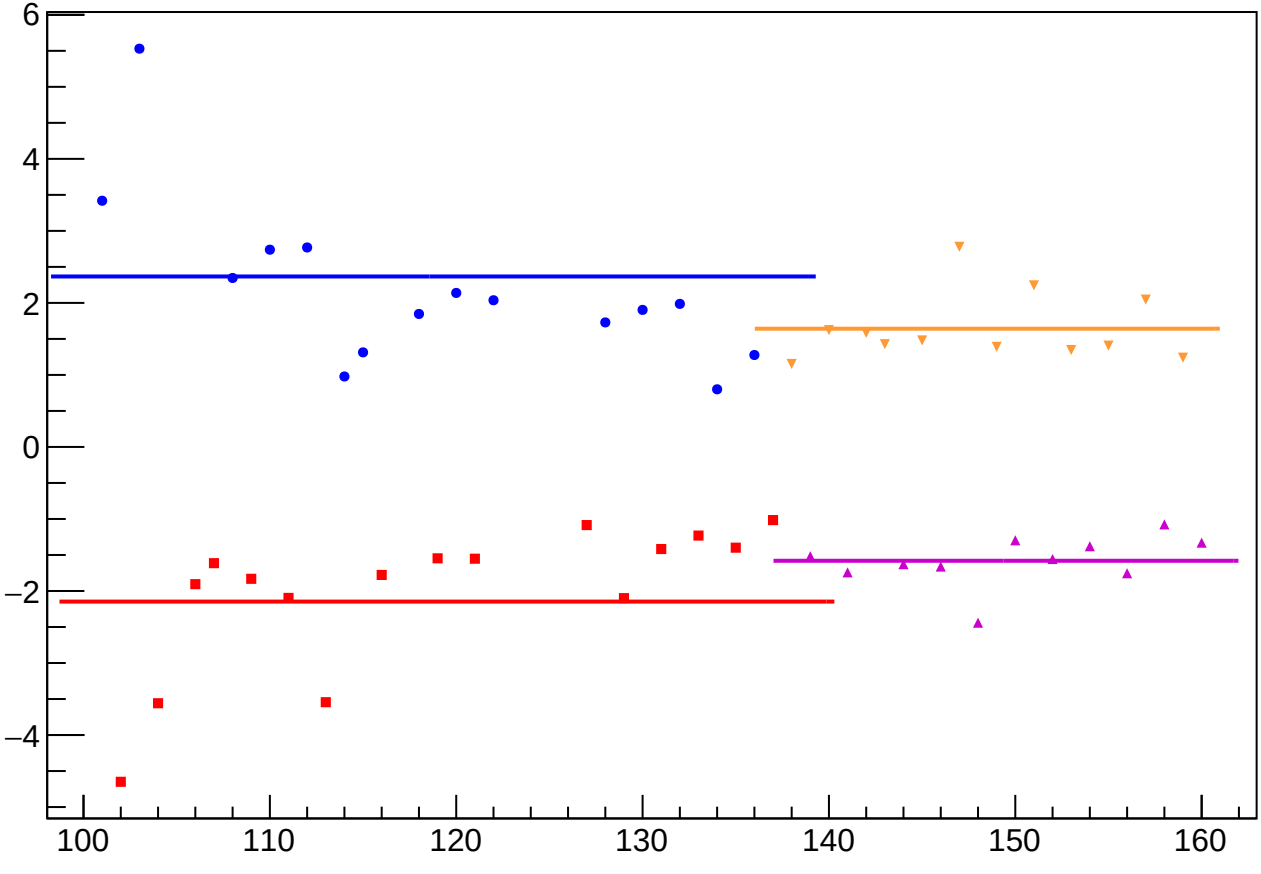
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445 4912.0/15

Out: -2.510+/-0.000 χ^2/NDF:16029265277756400

Left In: 10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

All: -0.229+/-0.000 χ^2/NDF: 3502860386482

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:1958421482260435270399099152629 76.0/11

Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Left In: -1.580+/-0.000 χ^2/NDF:1041598201066898133531717921669 12.0/10

Left: 0.022+/-0.000 χ^2/NDF: 5071287631996029 95

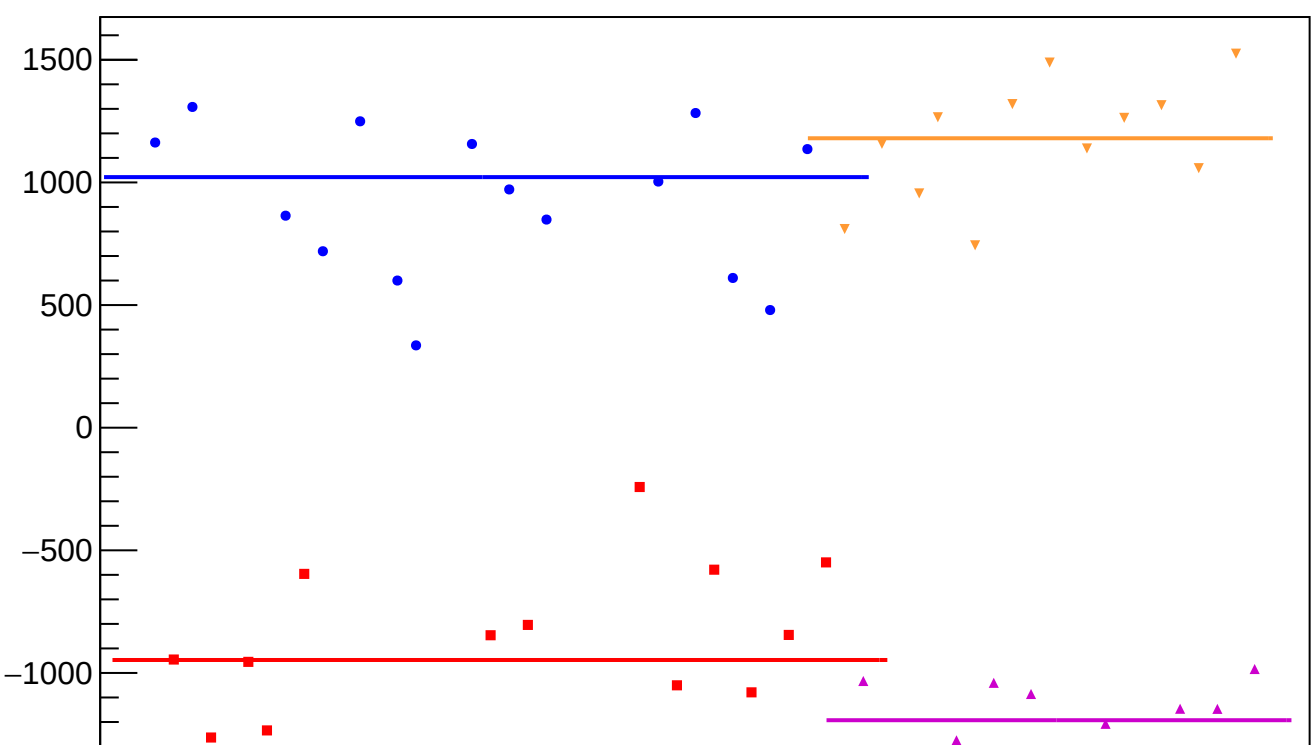
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

In: 0.048+/-0.000 χ^2/NDF:6965293012919252949

Out: 0.043+/-0.000 χ^2/NDF:6496209929578135 24

All: 0.046+/-0.000 χ^2/NDF: 1346152125822 2

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

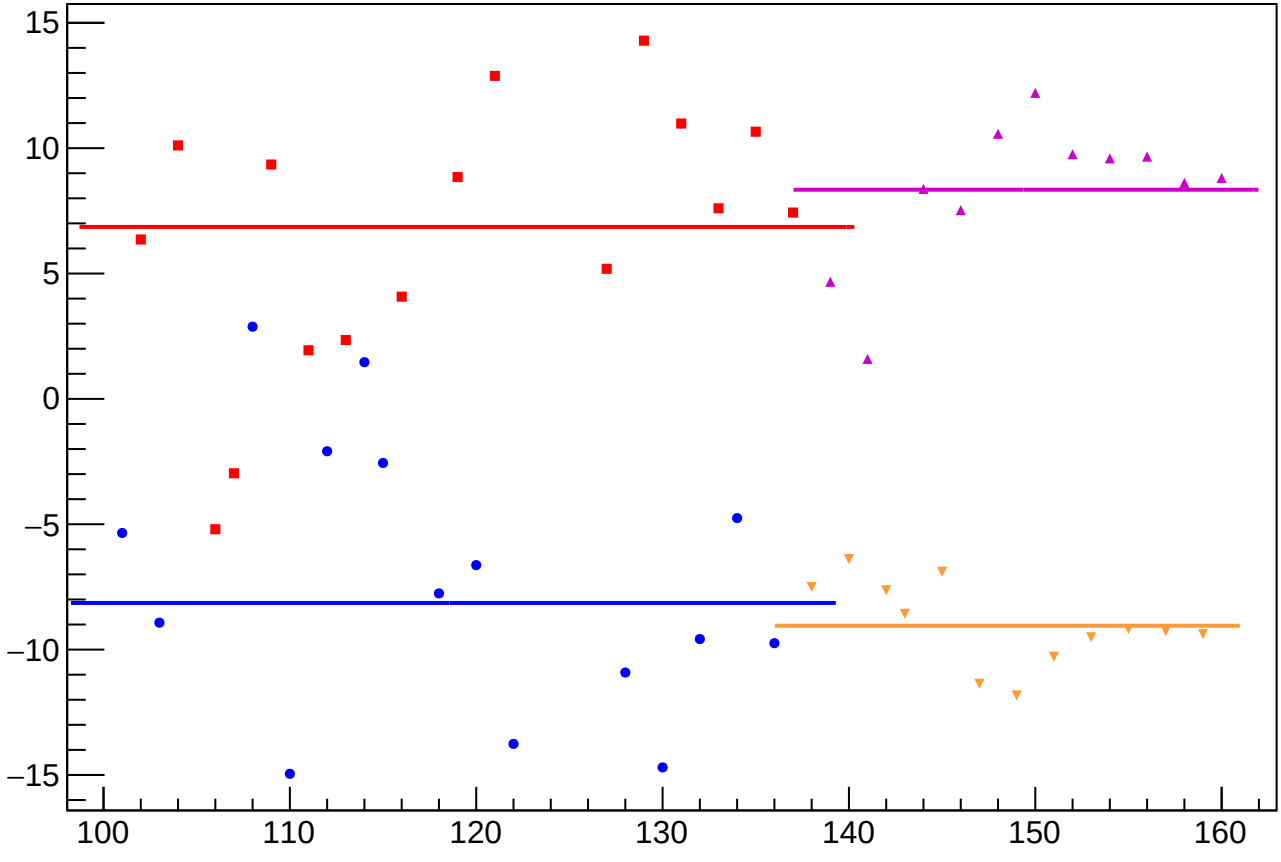
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.306+/-0.000 χ^2/NDF: 14869200131628523

Right In: -8.139+/-0.000 χ^2/NDF: 14676442649222120372533779893321728.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -9.049+/-0.000 χ^2/NDF:24490585061848397921338895011676 16.0/11

In: 1.543+/-0.000 χ^2/NDF:125503787533392226

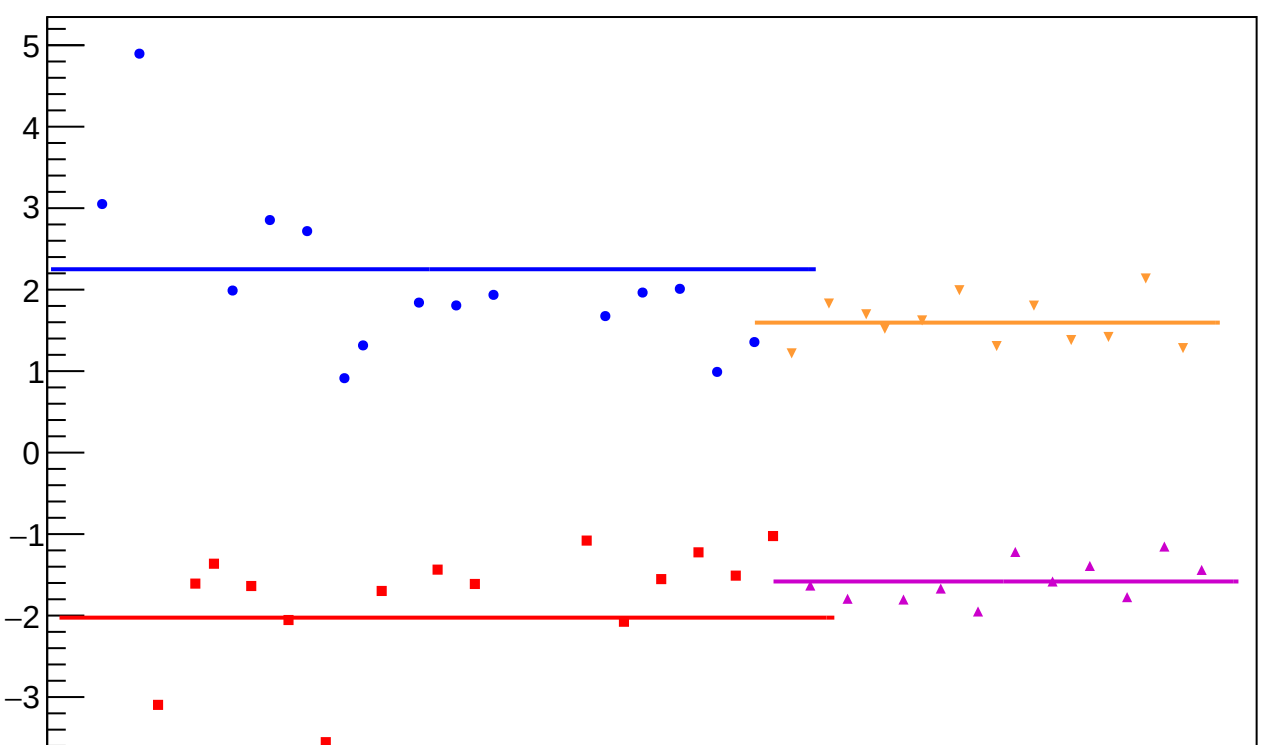
Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

Out: -2.337+/-0.000 χ^2/NDF:11650582915107792

Left In: 8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

All: -0.402+/-0.000 χ^2/NDF: 2538807042517

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.002+/-0.000 χ^2/NDF: 47692091365886523

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Right: 0.083+/-0.000 χ^2/NDF: 7249257967761916 2

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

In: -0.001+/-0.000 χ^2/NDF:6309895304993274 21

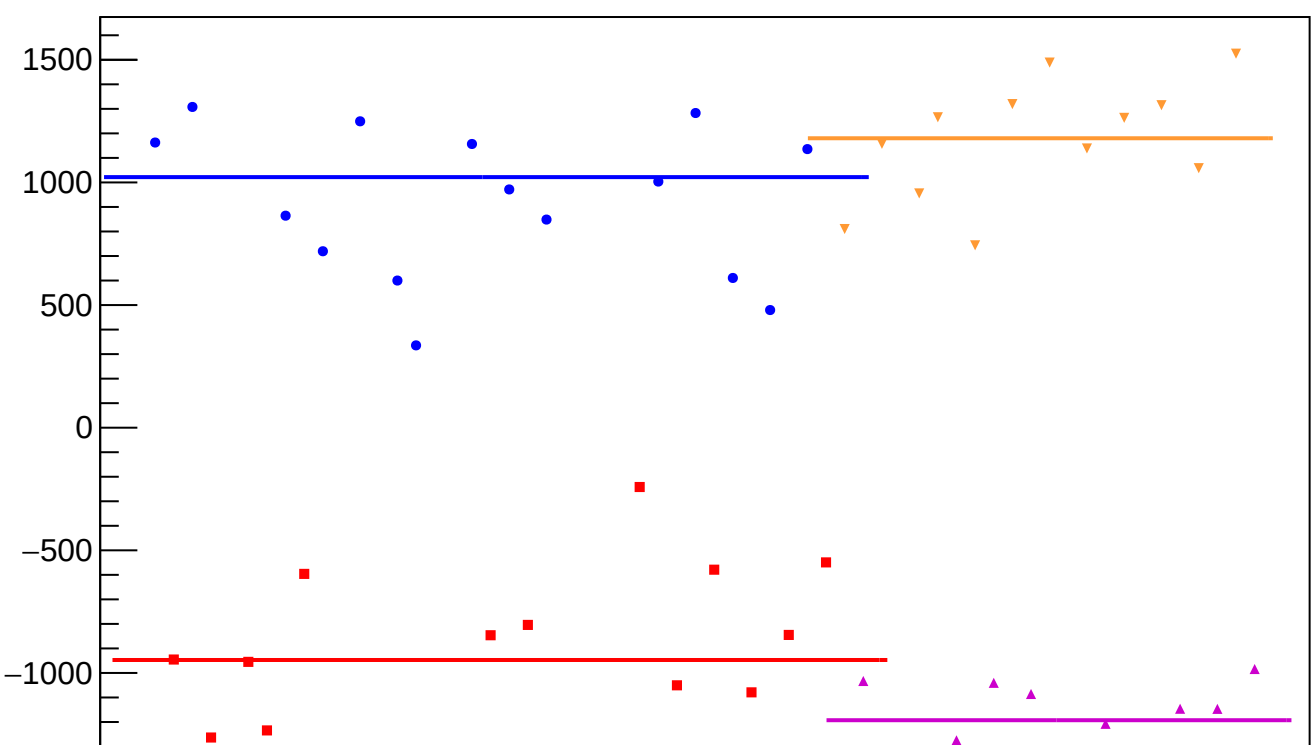
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.068+/-0.000 χ^2/NDF:5710429327761081 99

Left In: -1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

All: 0.034+/-0.000 χ^2/NDF: 1202401440292 9

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

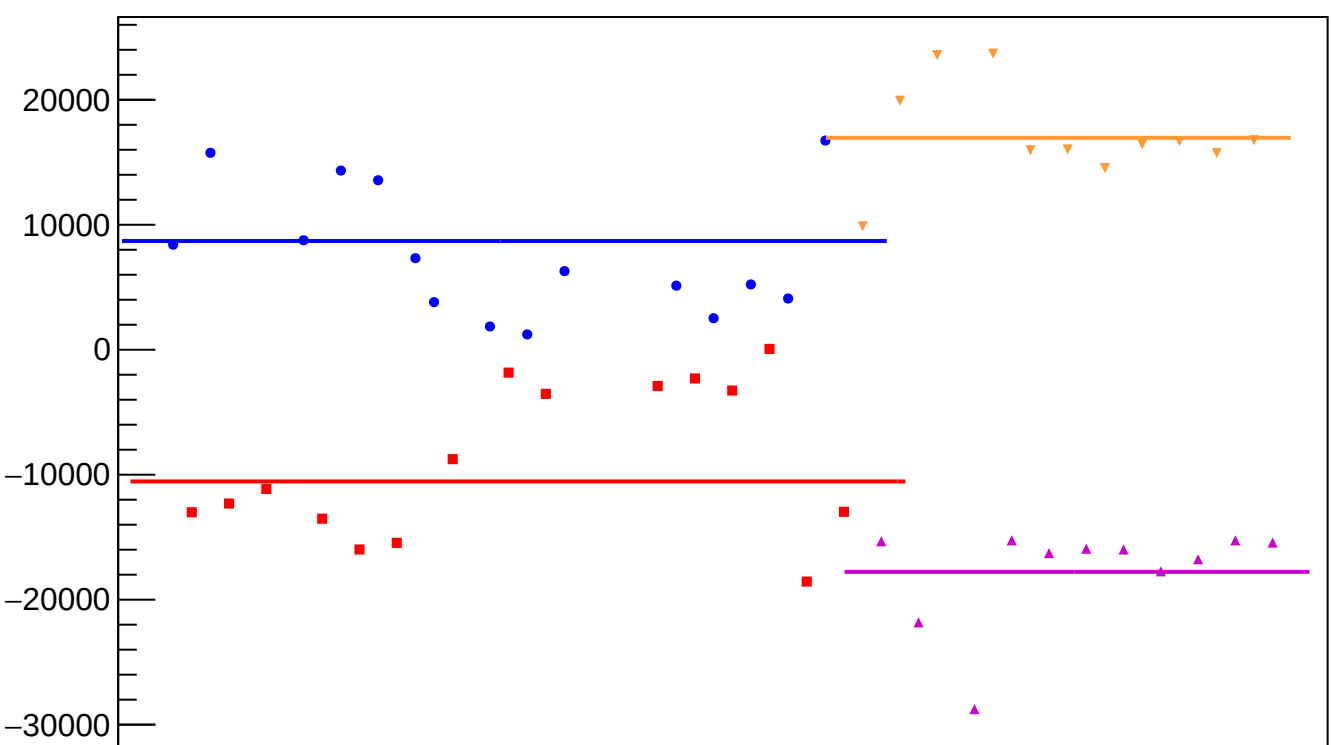
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -1162.779+/-0.000 χ^2/NDF: 55890843498990

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

In: -6849.259+/-0.000 χ^2/NDF:301670600144202

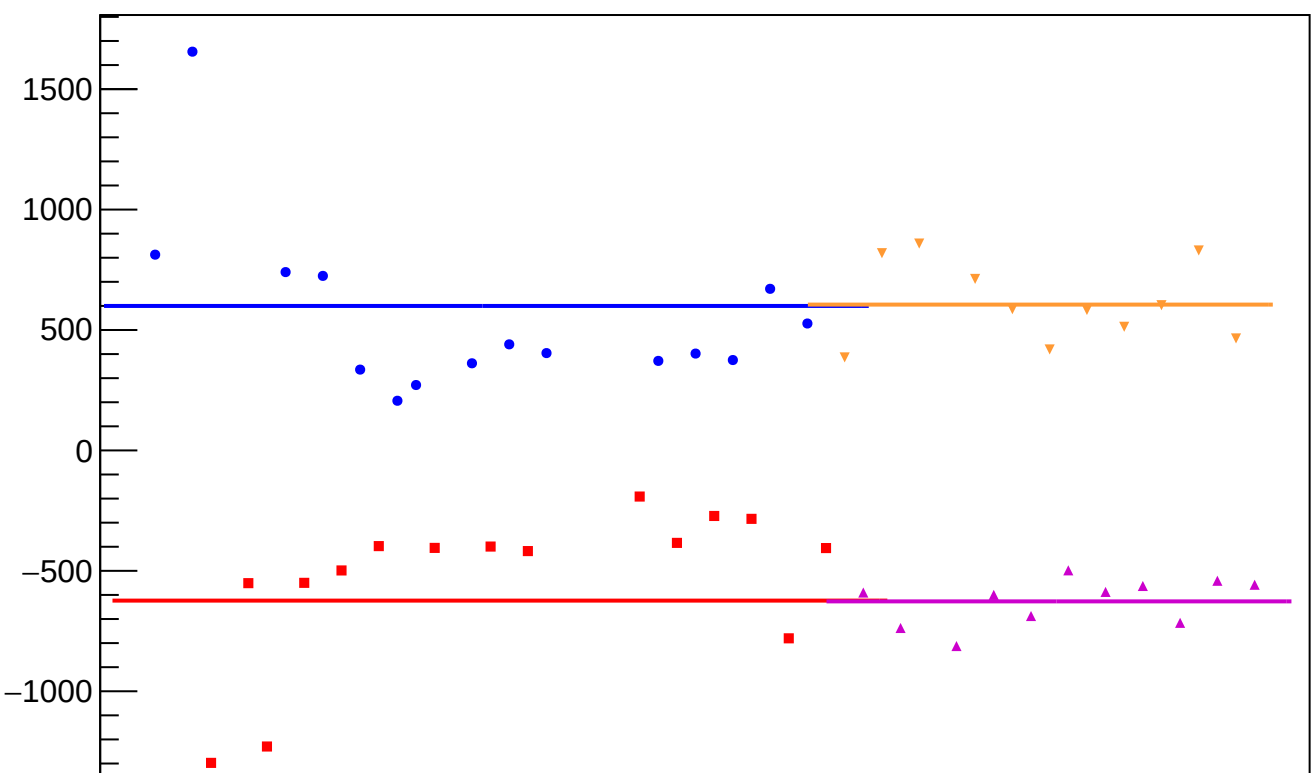
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4843.682+/-0.000 χ^2/NDF:33929574980115 9

Left In: -17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

All: -1114.529+/-0.000 χ^2/NDF: 7464452329

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -37.453+/-0.000 χ^2/NDF: 6997777139470911

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 605.454+/-0.000 χ^2/NDF:2060003669657688968648891386270685593 6.0/10

In: -120.691+/-0.000 χ^2/NDF:6710419743647367

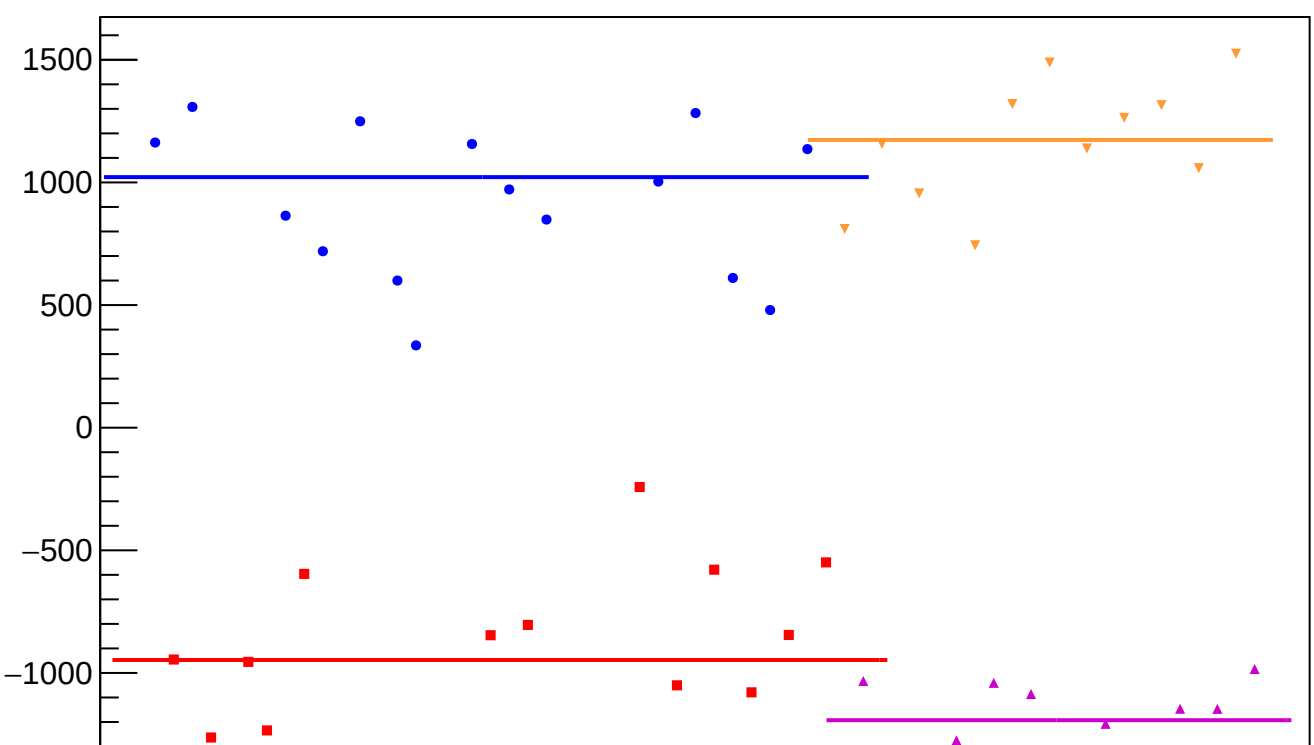
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 64.002+/-0.000 χ^2/NDF:6856908765406279 7

Left In: -626.785+/-0.000 χ^2/NDF:8170989429665370050254275774703992832.0/10

All: -30.110+/-0.000 χ^2/NDF: 138304886705

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -61.112+/-0.000 χ^2/NDF: 2543368931885977

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1173.334+/-0.000 χ^2/NDF:502592256921254396792444427519246991 36.0/10

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

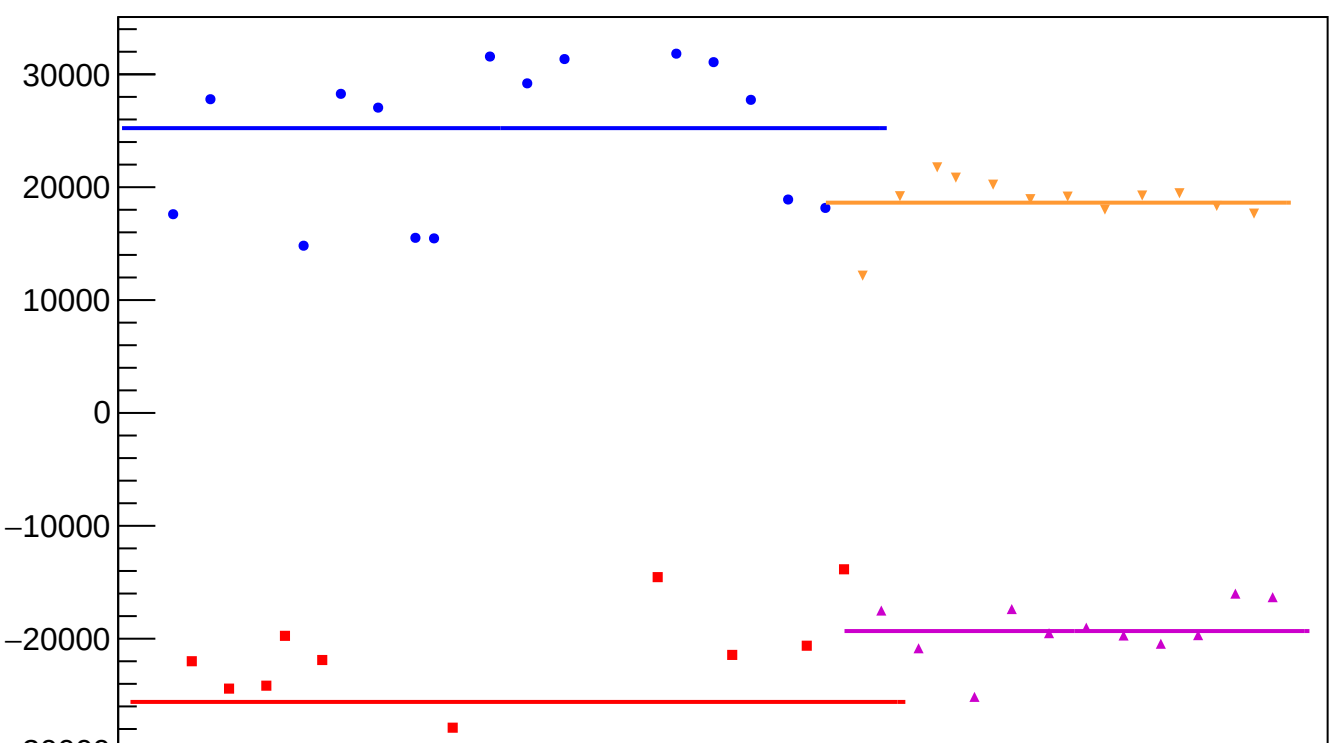
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 239.147+/-0.000 χ^2/NDF:1795887749814407

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: -24.912+/-0.000 χ^2/NDF: 393215150522

dit_usr_coil7_mean vs Slug, Sign Corrected



Left: -449.430+/-0.000 χ^2/NDF: 671887437308897

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Right: -532.226+/-0.000 χ^2/NDF: 89888992461613

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

In: -940.058+/-0.000 χ^2/NDF:7868508361919144

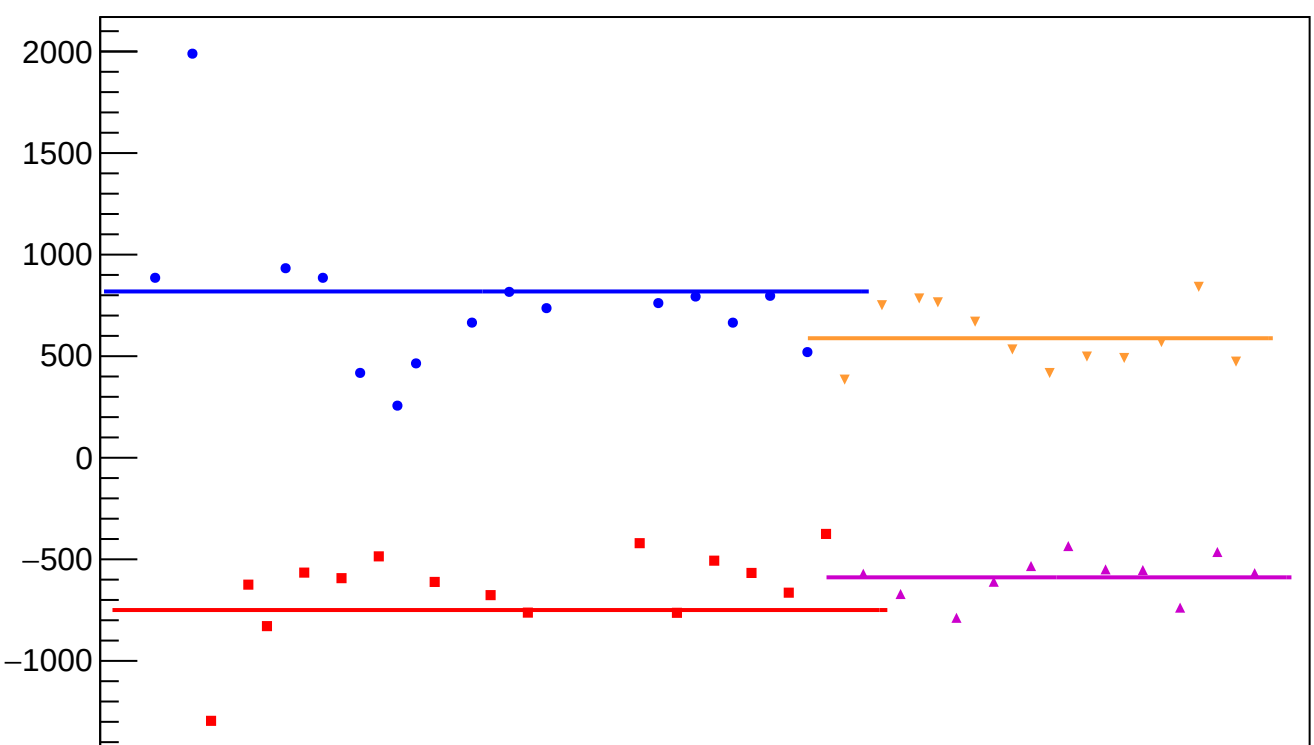
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -30.202+/-0.000 χ^2/NDF:7832790364927991

Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

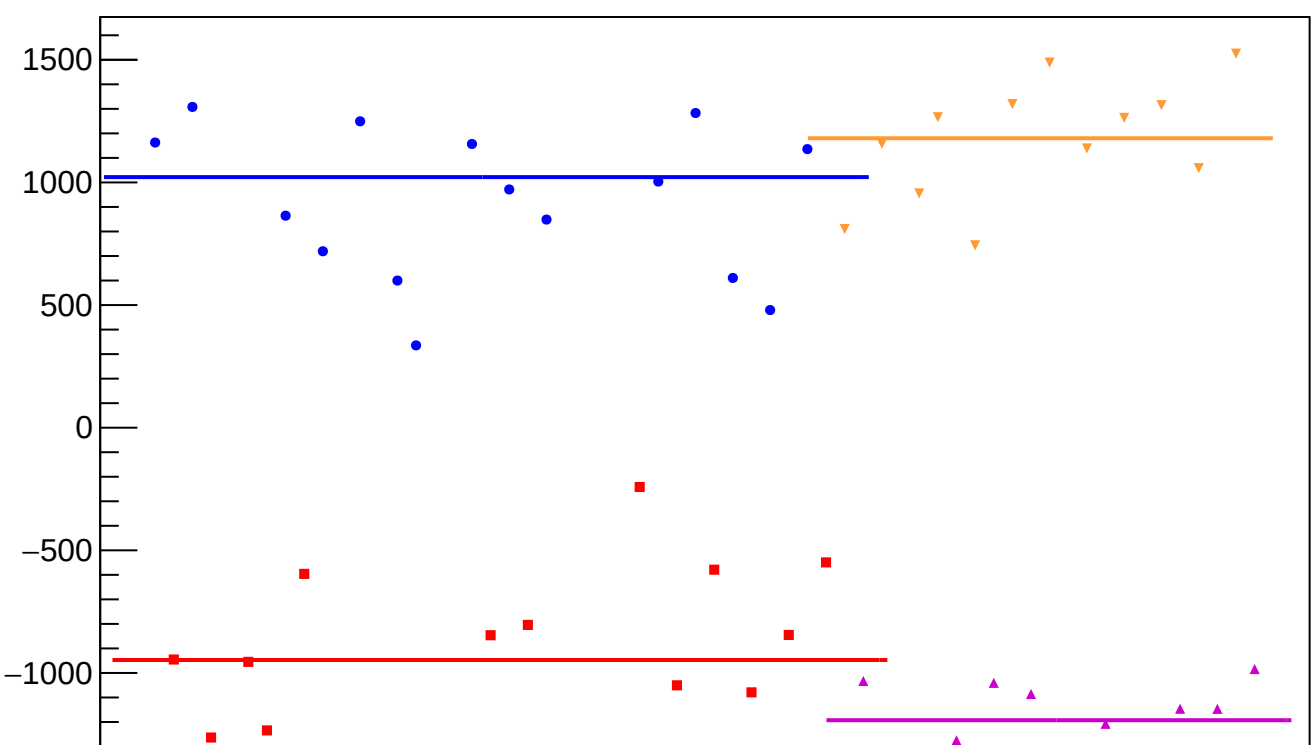
All: -483.976+/-0.000 χ^2/NDF: 15707826192

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: -3.353+/-0.000 χ^2/NDF: 66659527229300677
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811379 2.0/11
In: -8.034+/-0.000 χ^2/NDF:870601201099148606
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
Out: 23.887+/-0.000 χ^2/NDF:7884100997883068 9
Left In: -588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10
All: 7.967+/-0.000 χ^2/NDF: 1659814713315 5

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

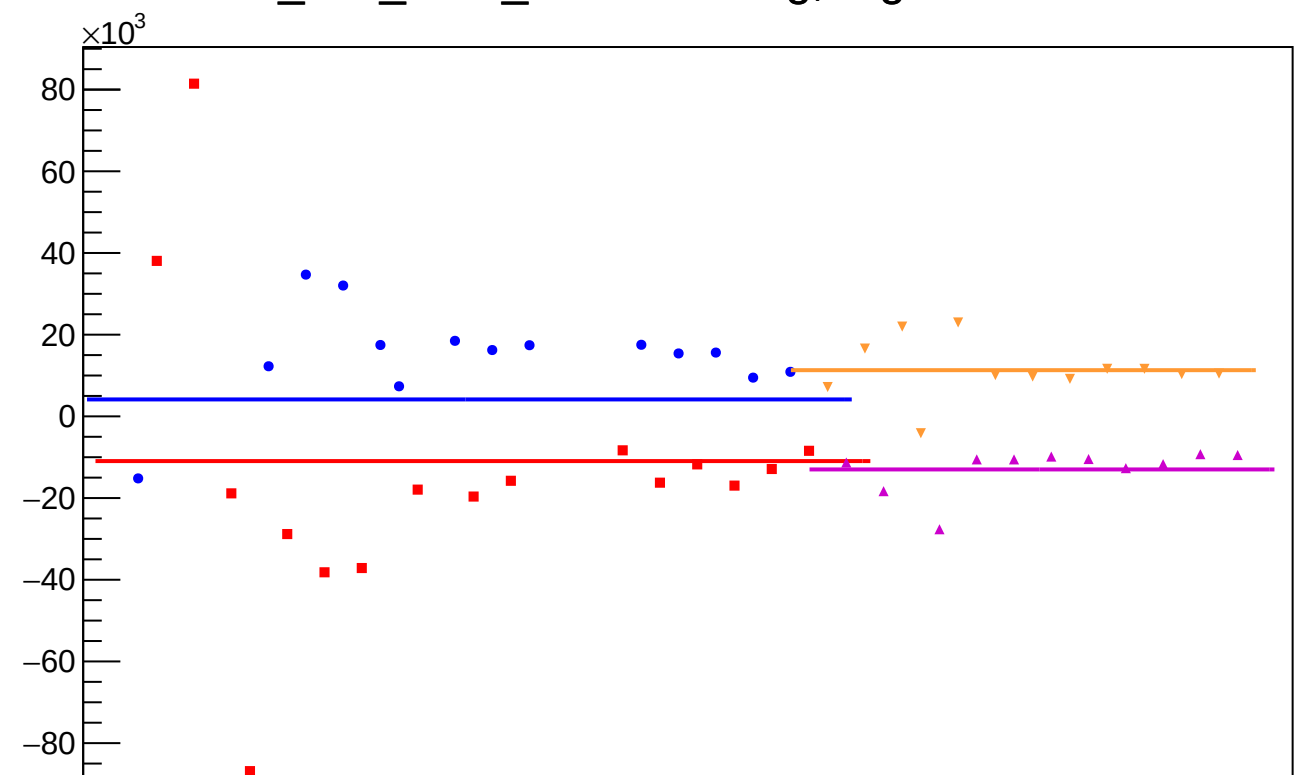
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -909.343+/-0.000 χ^2/NDF: 334047502497759

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

In: -5922.694+/-0.000 χ^2/NDF:902084767732052

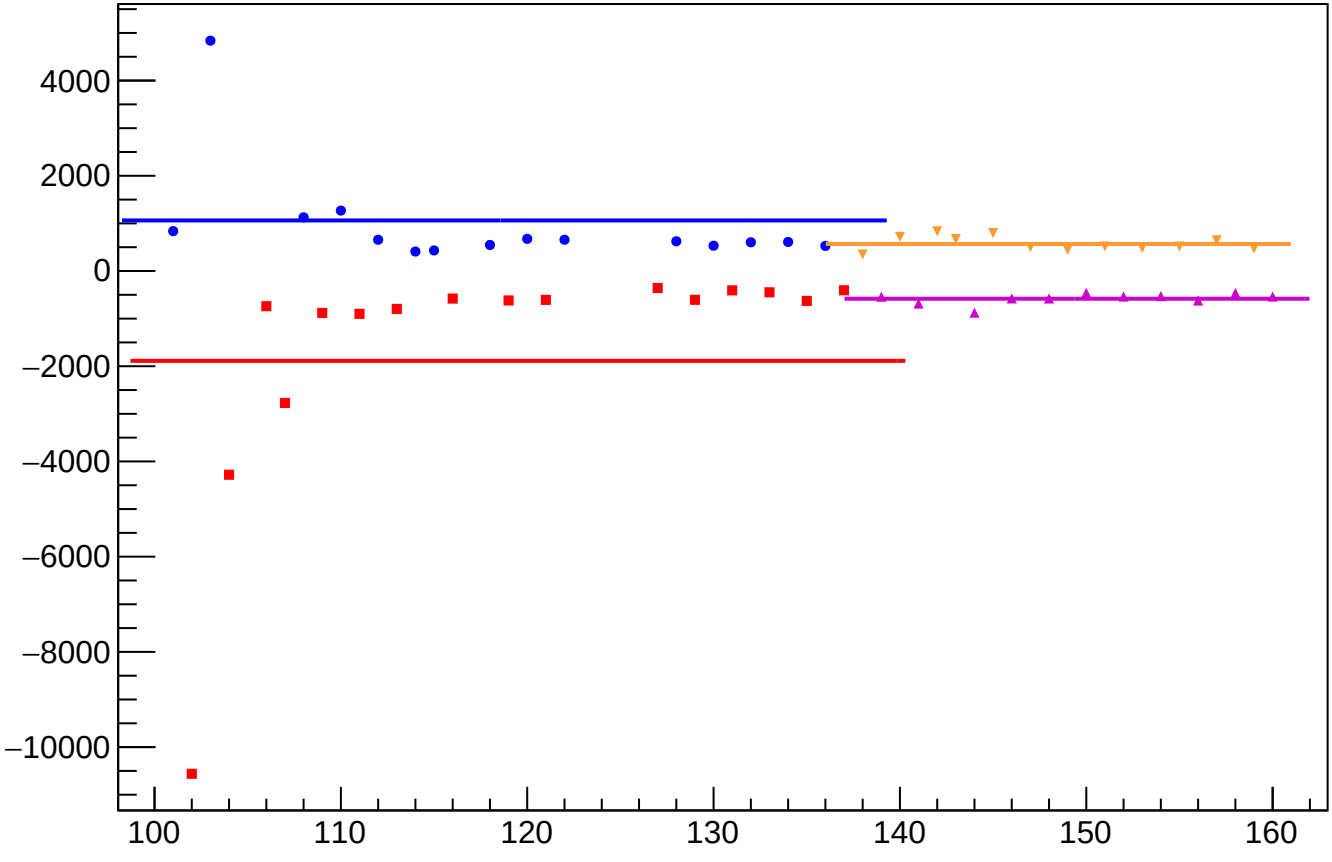
Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

Out: 1918.368+/-0.000 χ^2/NDF:110122853896245

Left In: -12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

All: -1992.219+/-0.000 χ^2/NDF: 2051791747

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: -10.469+/-0.000 χ^2/NDF: 6372083040457971

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

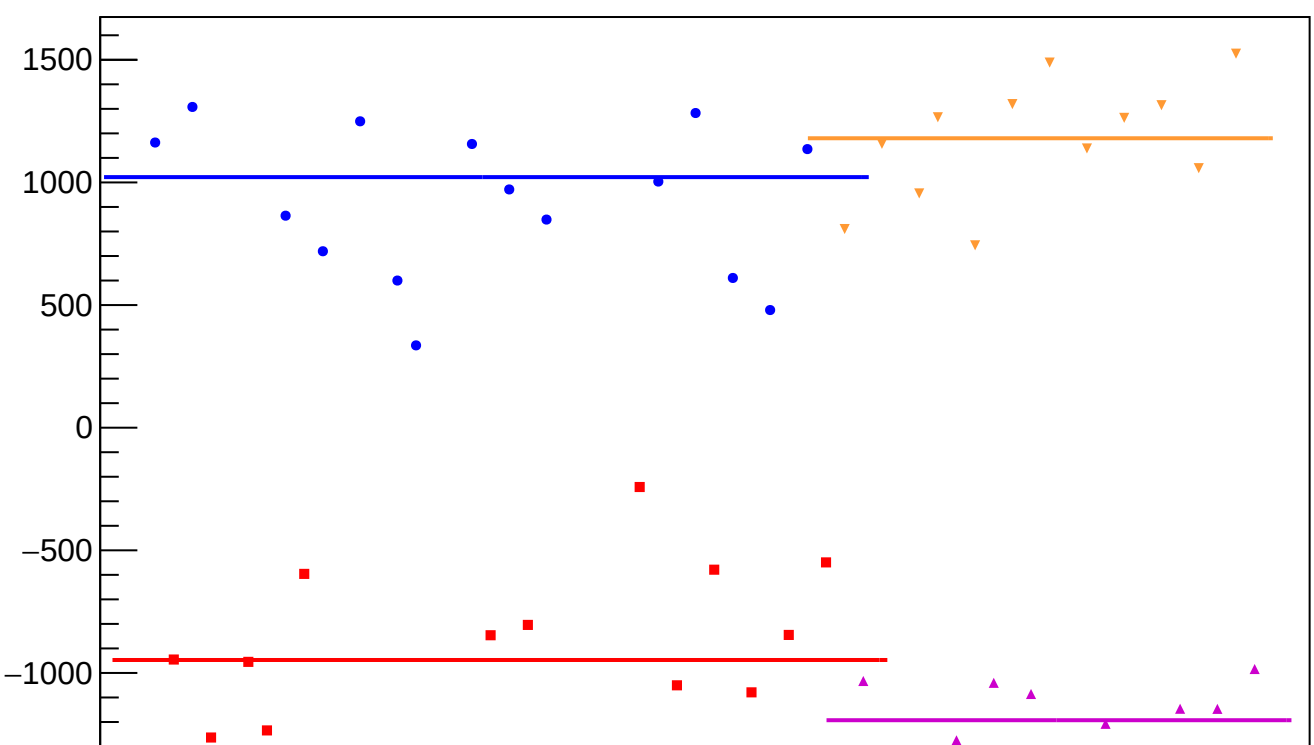
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -467.914+/-0.000 χ^2/NDF:786707402720723

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962 4064.0/10

All: -186.618+/-0.000 χ^2/NDF: 1011363817 1

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

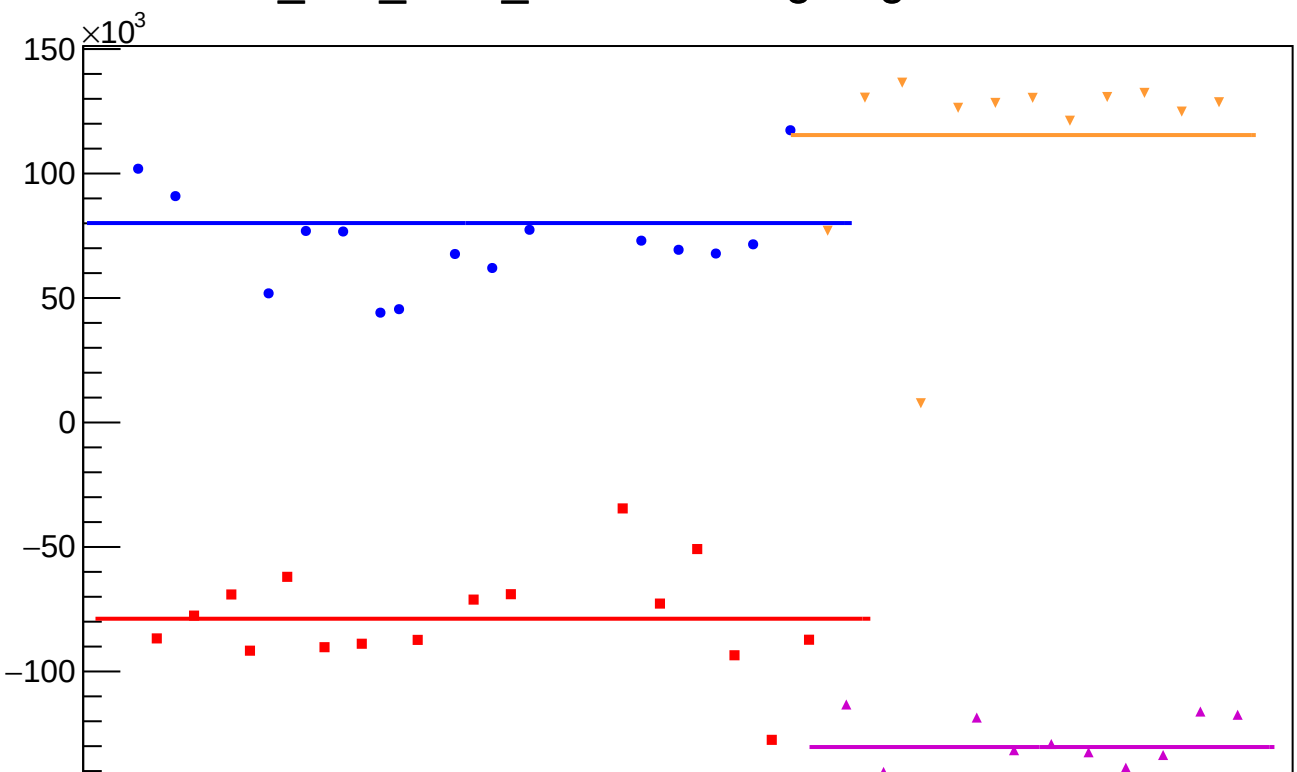
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -8117.324+/-0.000 χ^2/NDF: 28946961702695

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11

In: -43517.739+/-0.000 χ^2/NDF:17286902459469

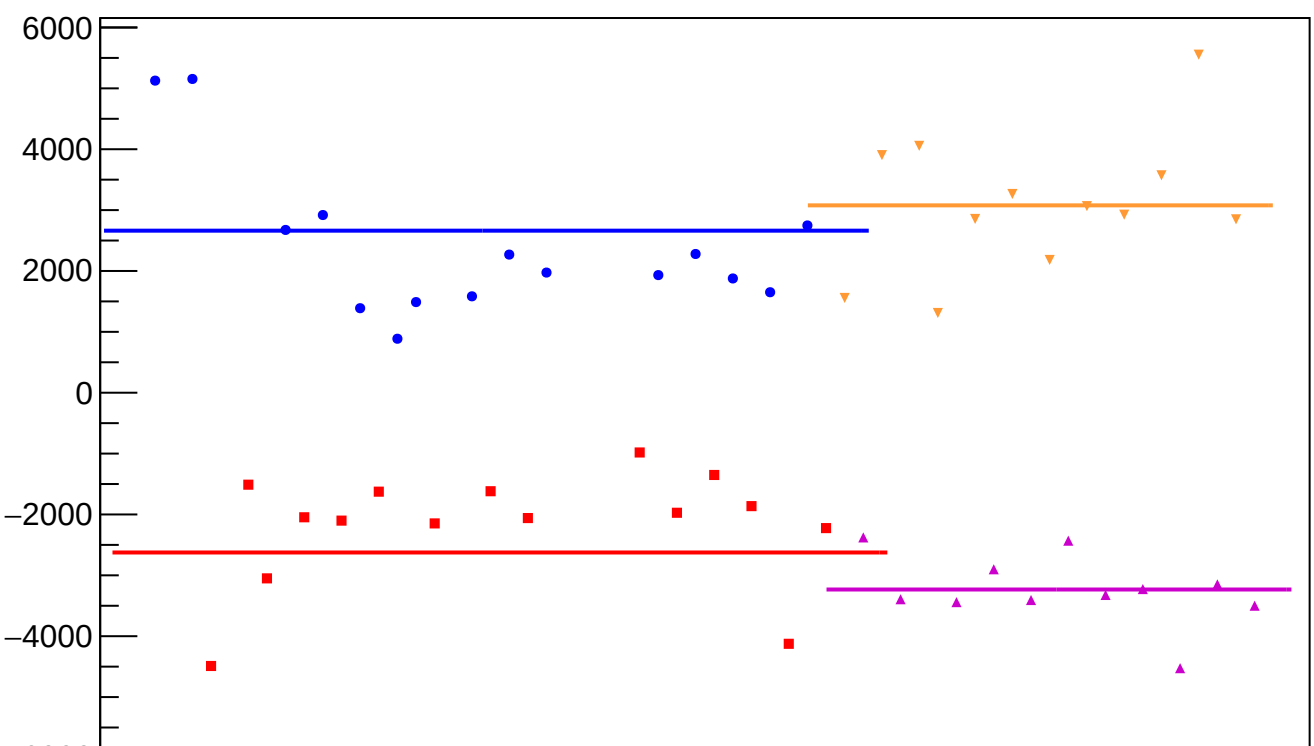
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 33491.542+/-0.000 χ^2/NDF:15877058488272

Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

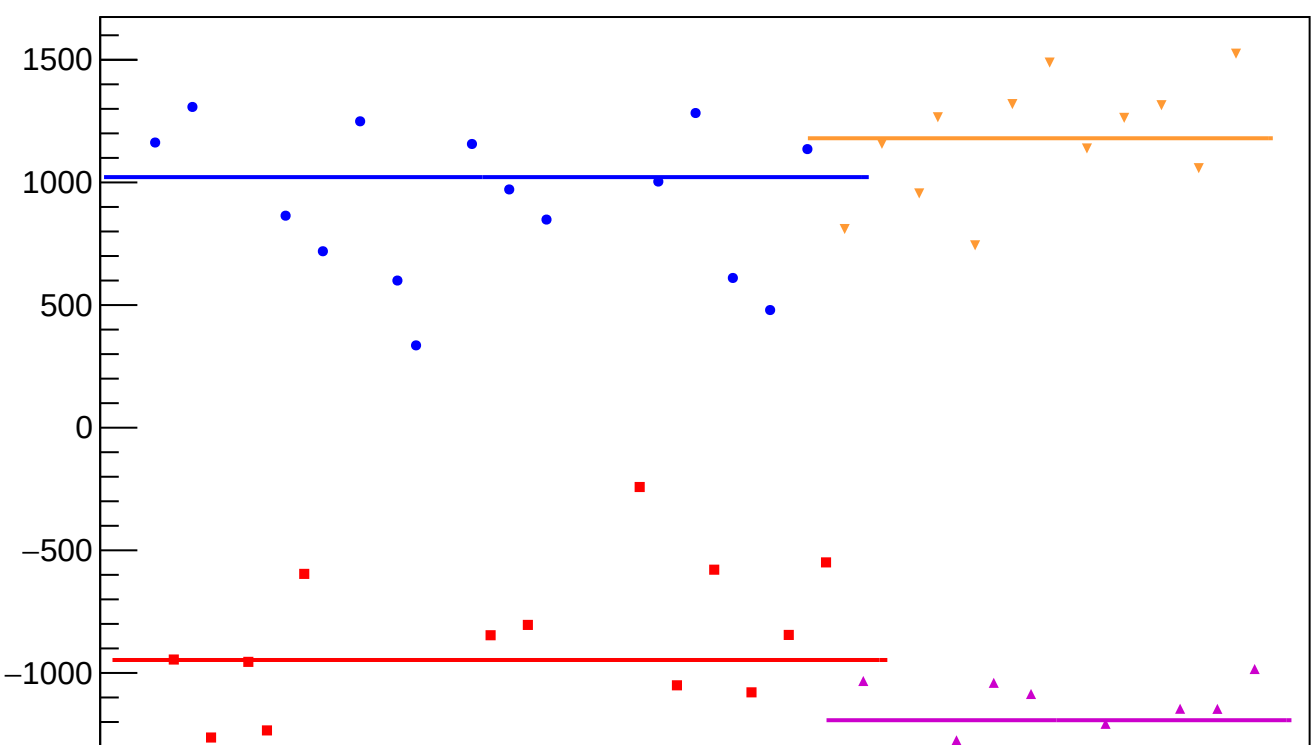
All: -4915.433+/-0.000 χ^2/NDF: 3784007443

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -94.635+/-0.000 χ^2/NDF: 1964916620255589
Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14
Right: -17.413+/-0.000 χ^2/NDF: 117922842657675
Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11
In: -800.651+/-0.000 χ^2/NDF:1455555206694384
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15
Out: 672.087+/-0.000 χ^2/NDF:1518026118358382
Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10
All: -62.414+/-0.000 χ^2/NDF: 314460236947

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

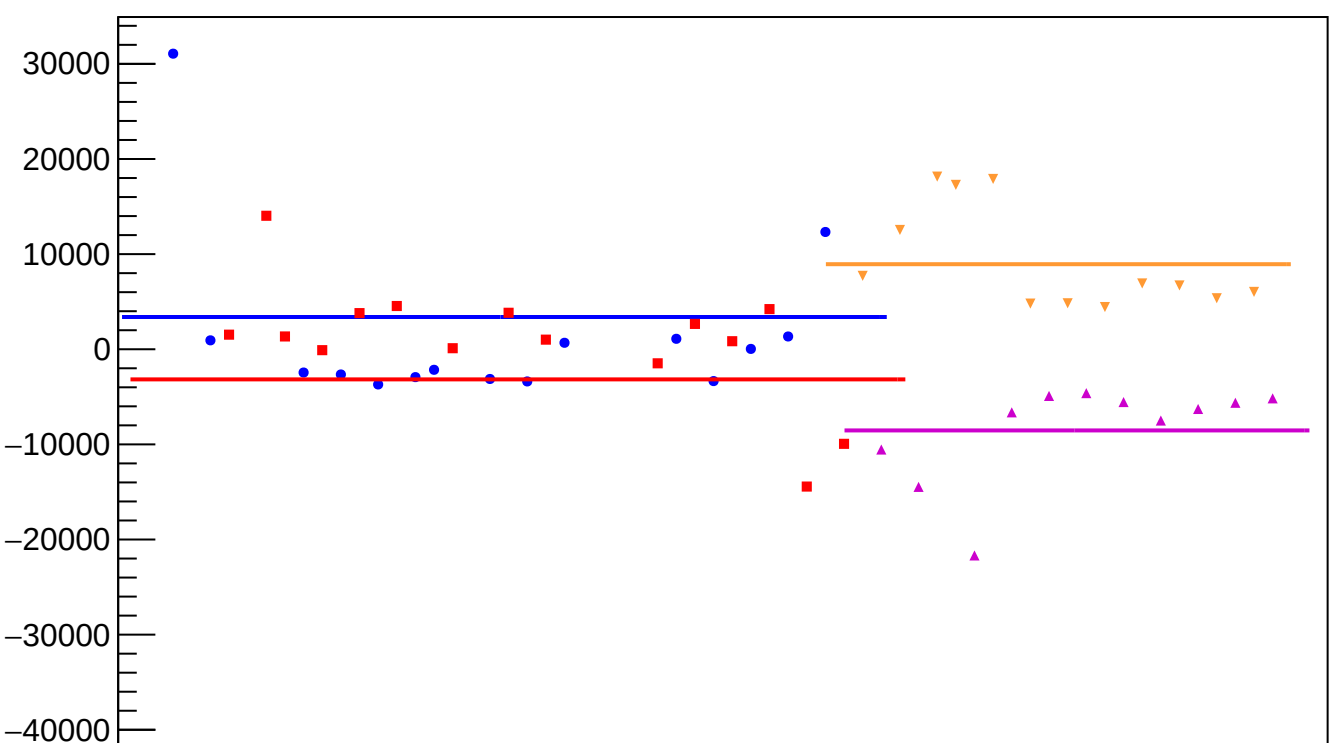
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr1_coil7_mean vs Slug, Sign Corrected



Left: 156.909+/-0.000 χ^2/NDF: 1873655199537507

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 8941.712+/-0.000 χ^2/NDF:2275754272352997686292418962883726435942 4.0/11

In: -3613.388+/-0.000 χ^2/NDF:144369798447171

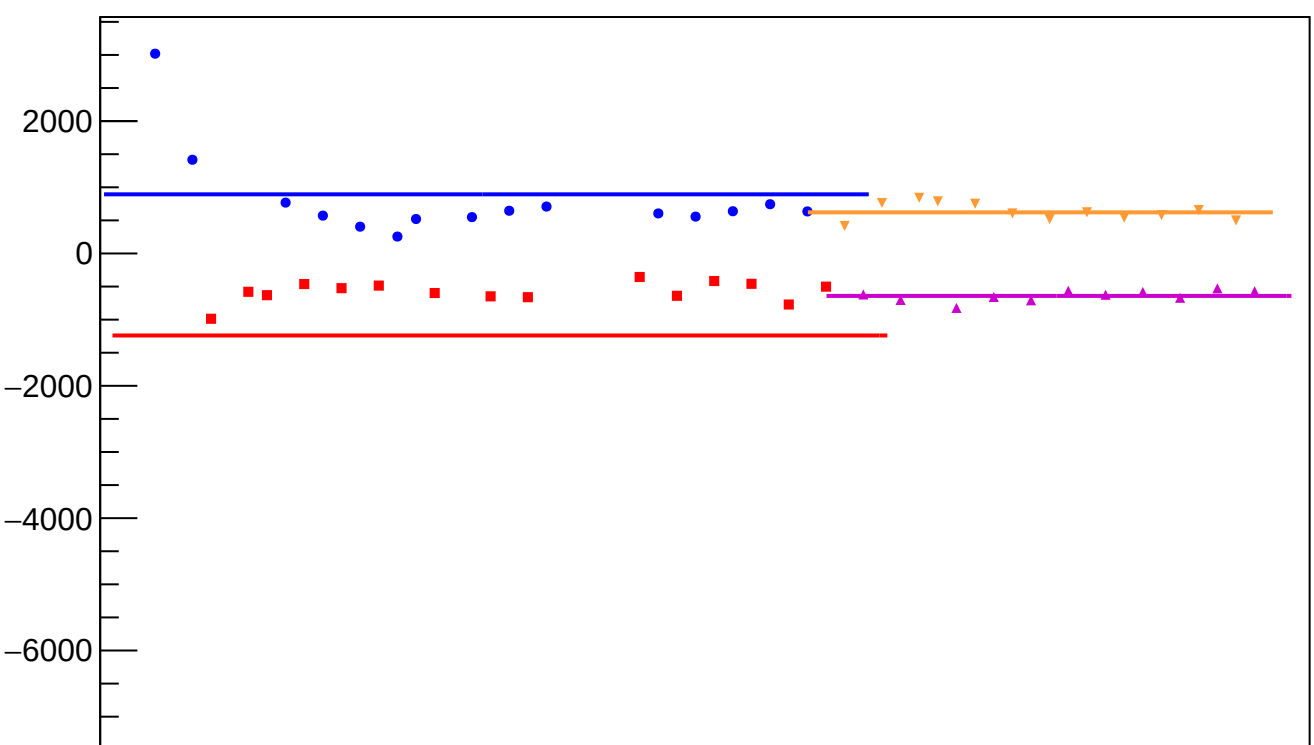
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3833.063+/-0.000 χ^2/NDF:217052558141828

Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10

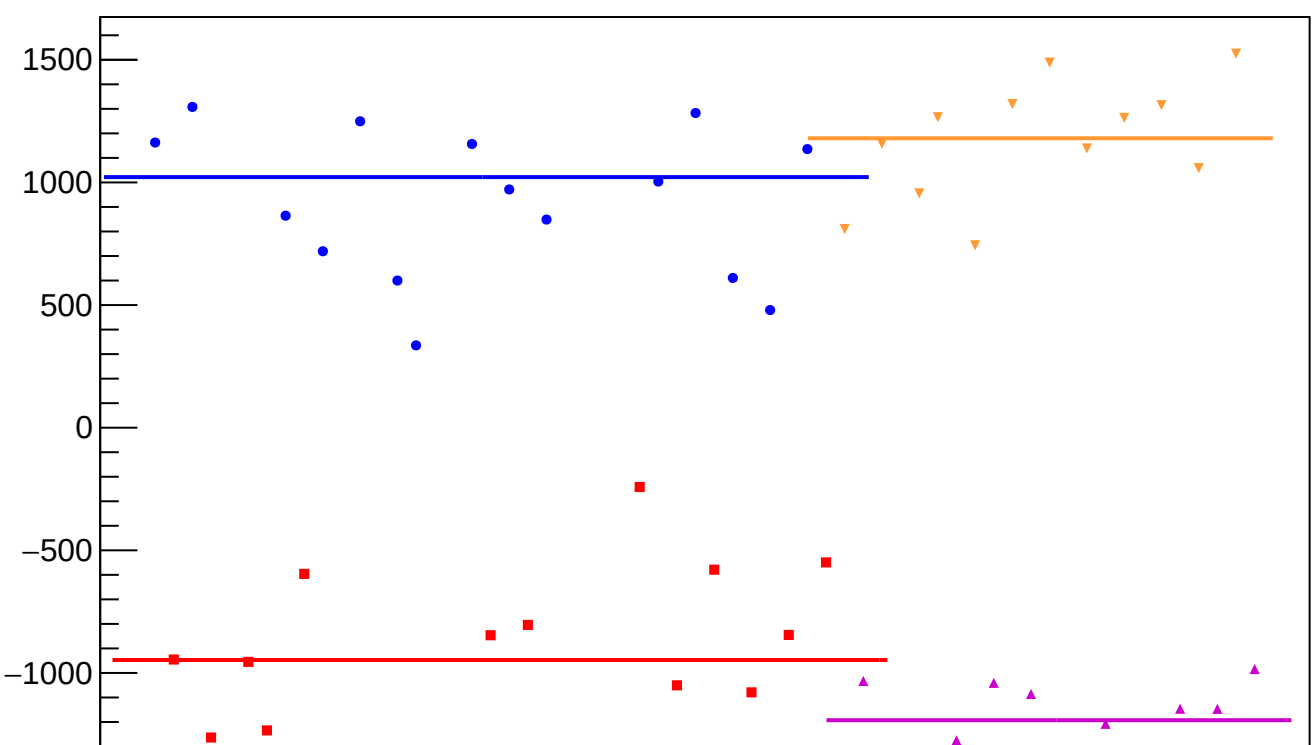
All: 119.281+/-0.000 χ^2/NDF: 40514411289 8

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: -13.483+/-0.000 χ^2/NDF: 7520936396903635
Right In: 893.683+/-0.000 χ^2/NDF: 334583619078631008932404228227359309824.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 621.395+/-0.000 χ^2/NDF:132207613490335953911830349302558883 84.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
Out: -163.603+/-0.000 χ^2/NDF:431923837770575
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -86.047+/-0.000 χ^2/NDF: 557740460848

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

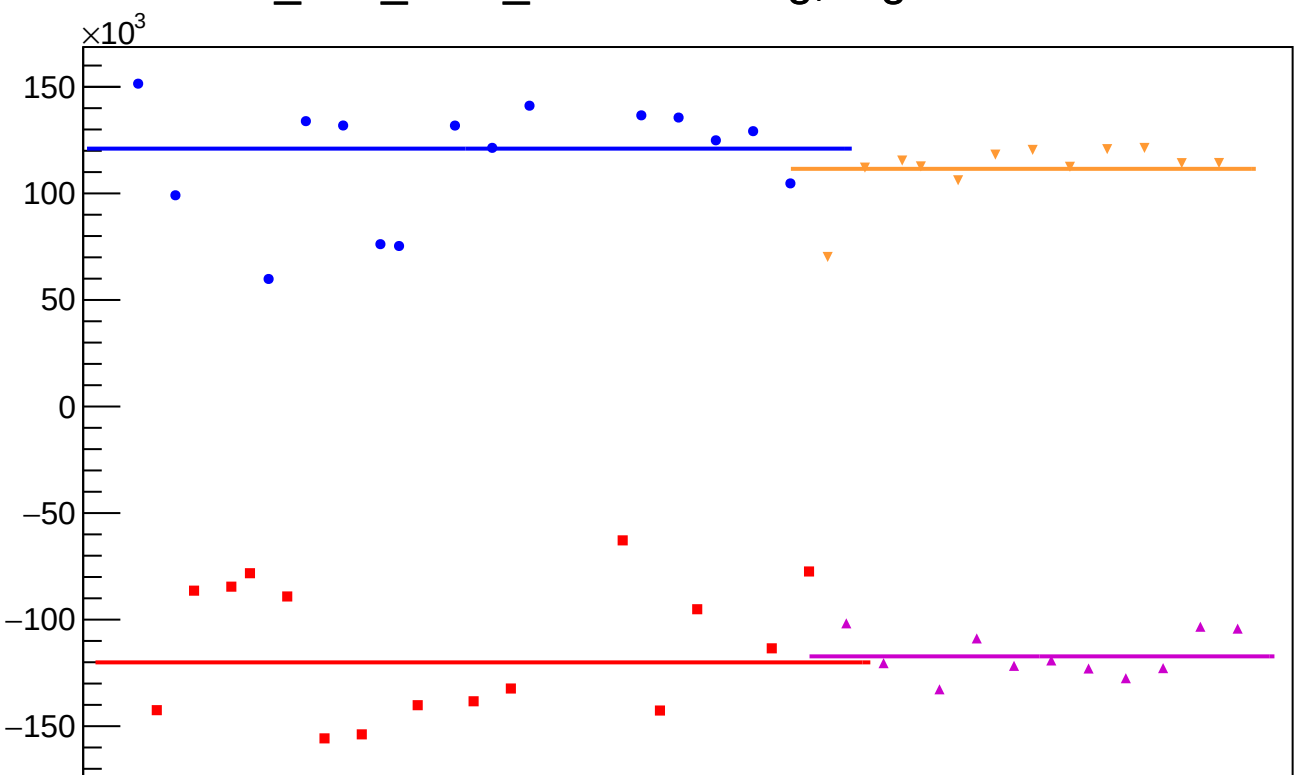
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

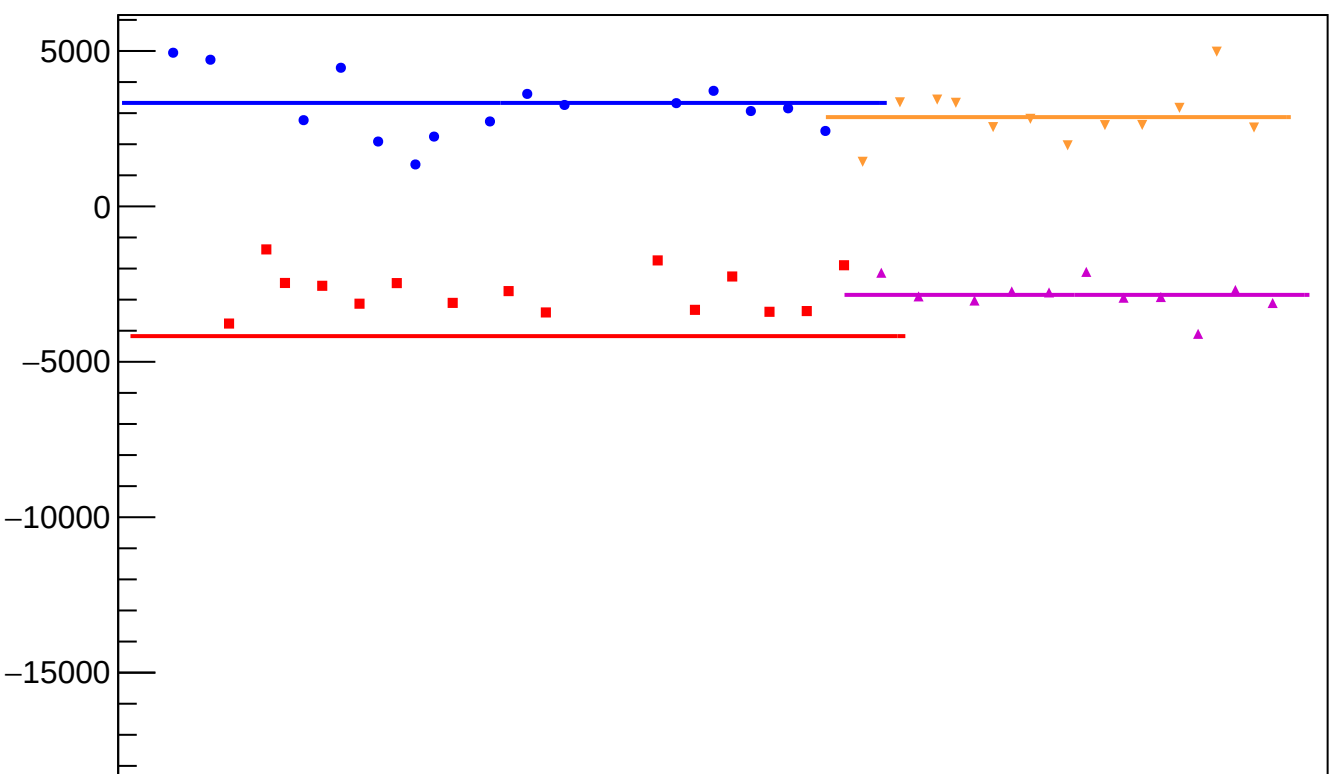
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -3475.224+/-0.000 χ^2/NDF: 24302392391152
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111531.681+/-0.000 χ^2/NDF:162724299829921950370834246417372913074176.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13826.359+/-0.000 χ^2/NDF:21672960026826
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2513.712+/-0.000 χ^2/NDF: 4461091057

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: -2.554+/-0.000 χ^2/NDF: 15921502408931202

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

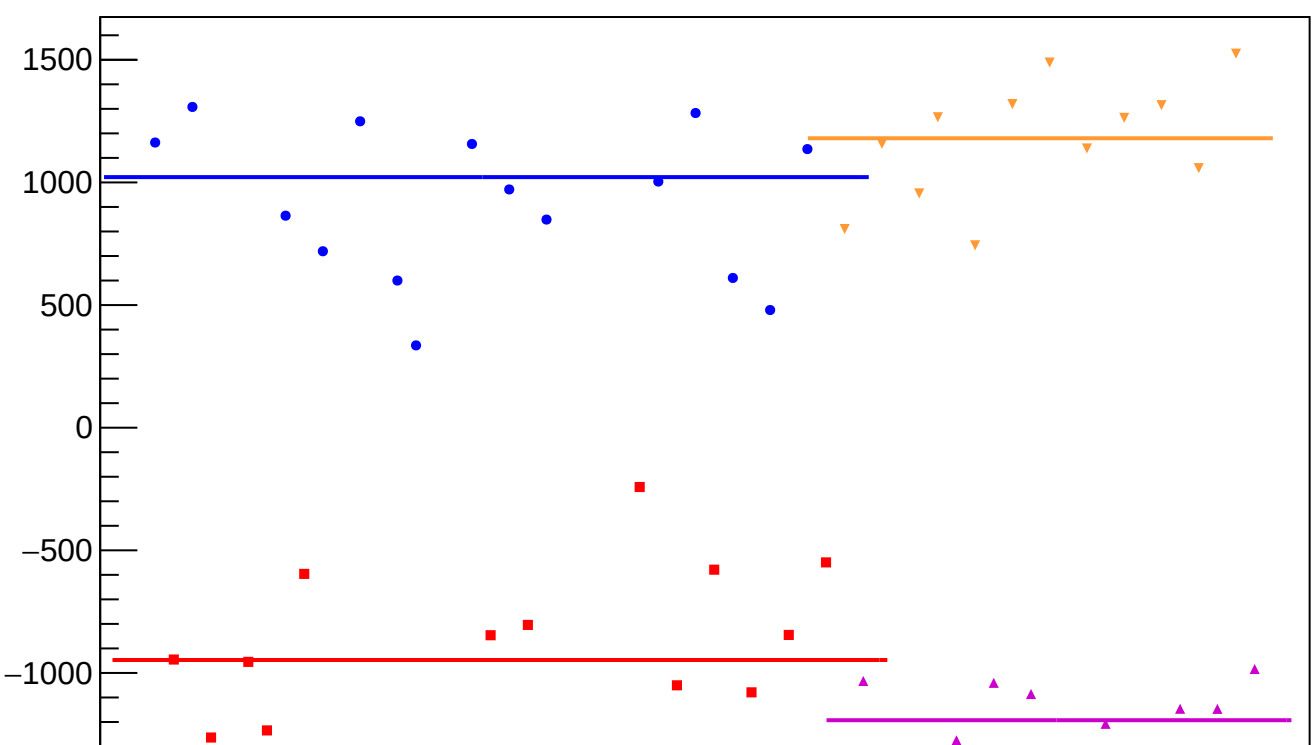
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -100.034+/-0.000 χ^2/NDF:333048130531602

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.965+/-0.000 χ^2/NDF: 48673924762

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

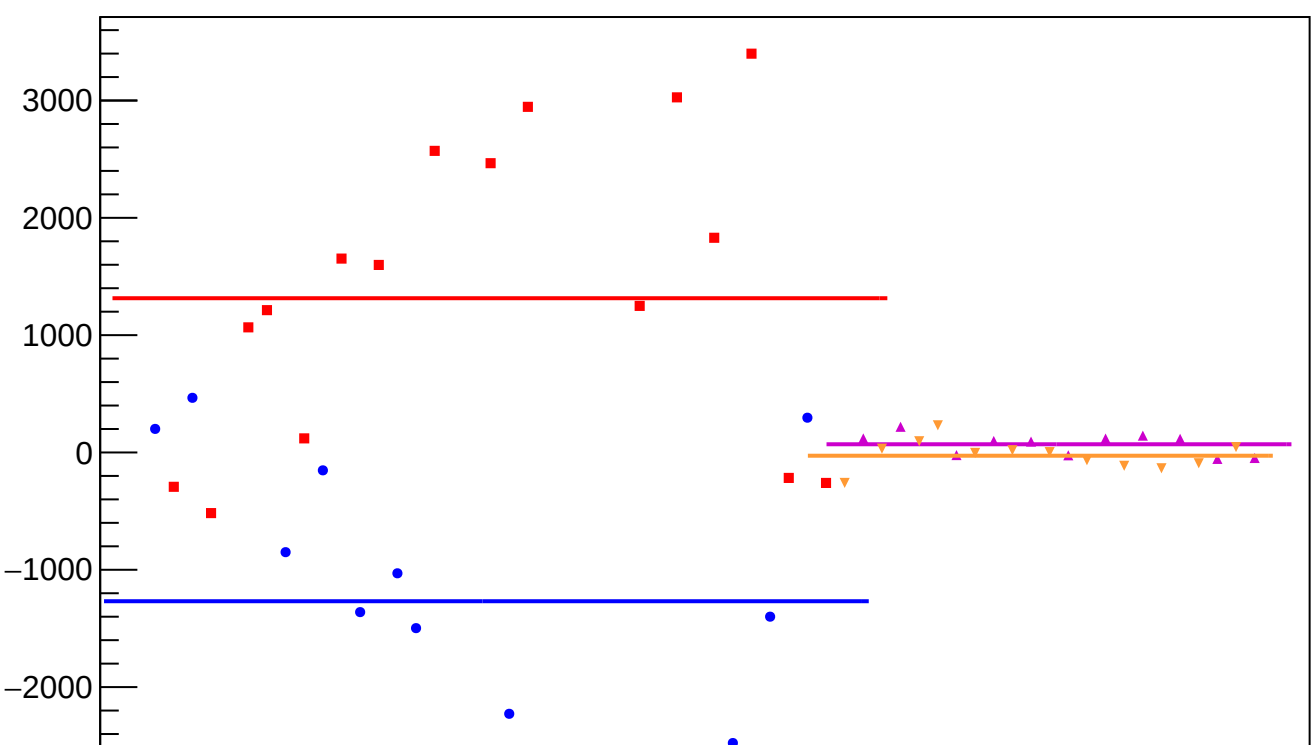
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

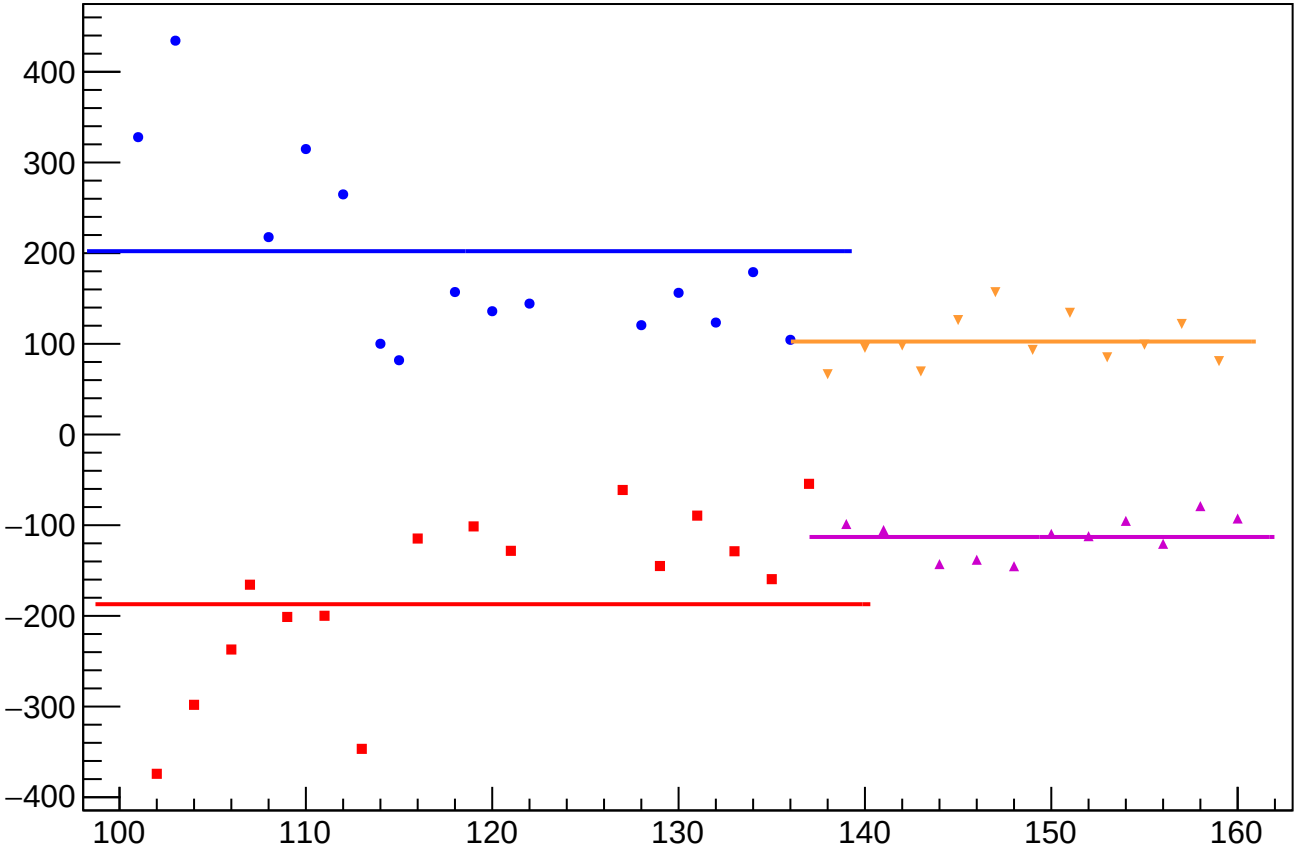
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 21.337+/-0.000 χ^2/NDF: 2367845786701889
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.745+/-0.000 χ^2/NDF:1240186629377638978240673319387127168.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 538.641+/-0.000 χ^2/NDF:1805860646471756
Left In: 69.887+/-0.000 χ^2/NDF:6896729055106095492675290775544659968.0/10
All: 29.548+/-0.000 χ^2/NDF: 4409076158029

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -5.804+/-0.000 χ^2/NDF: 22375229610691858

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950 6

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

In: 17.055+/-0.000 χ^2/NDF:4529601533384929 0

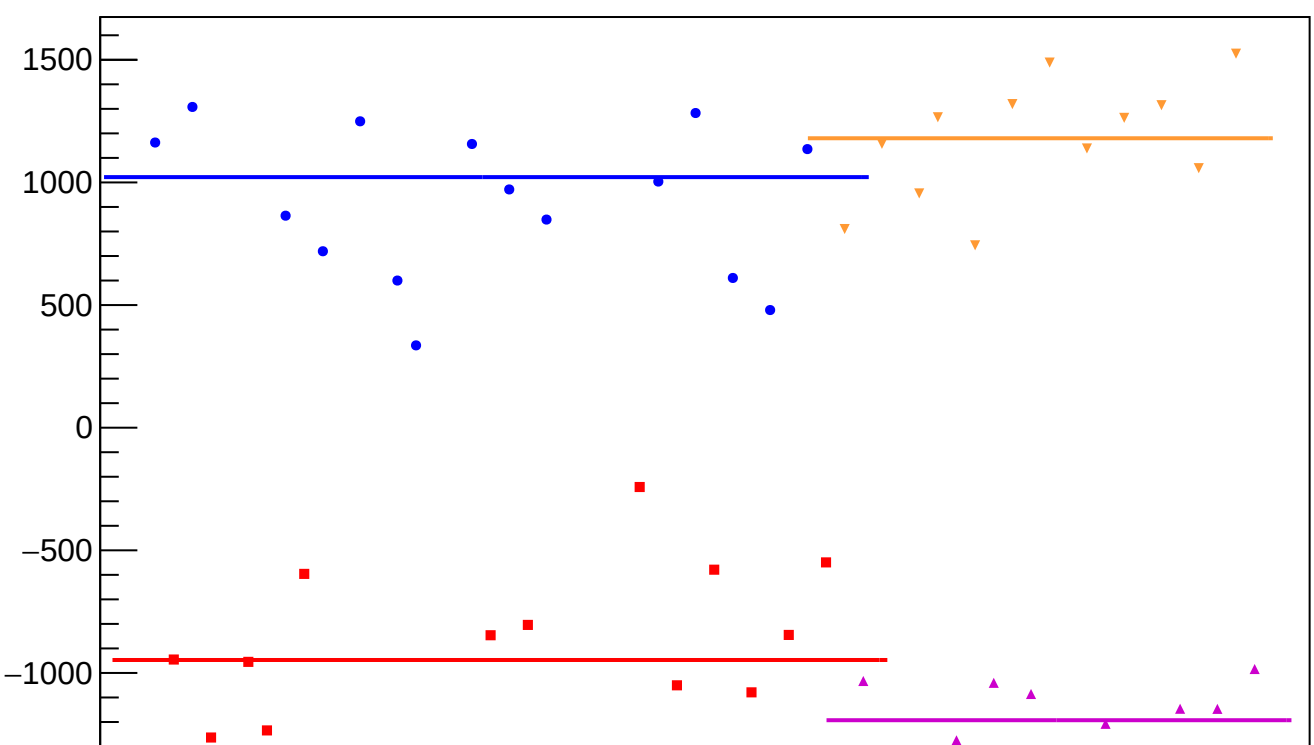
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.662+/-0.000 χ^2/NDF:3921793544057525

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.350+/-0.000 χ^2/NDF: 8557691672482

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

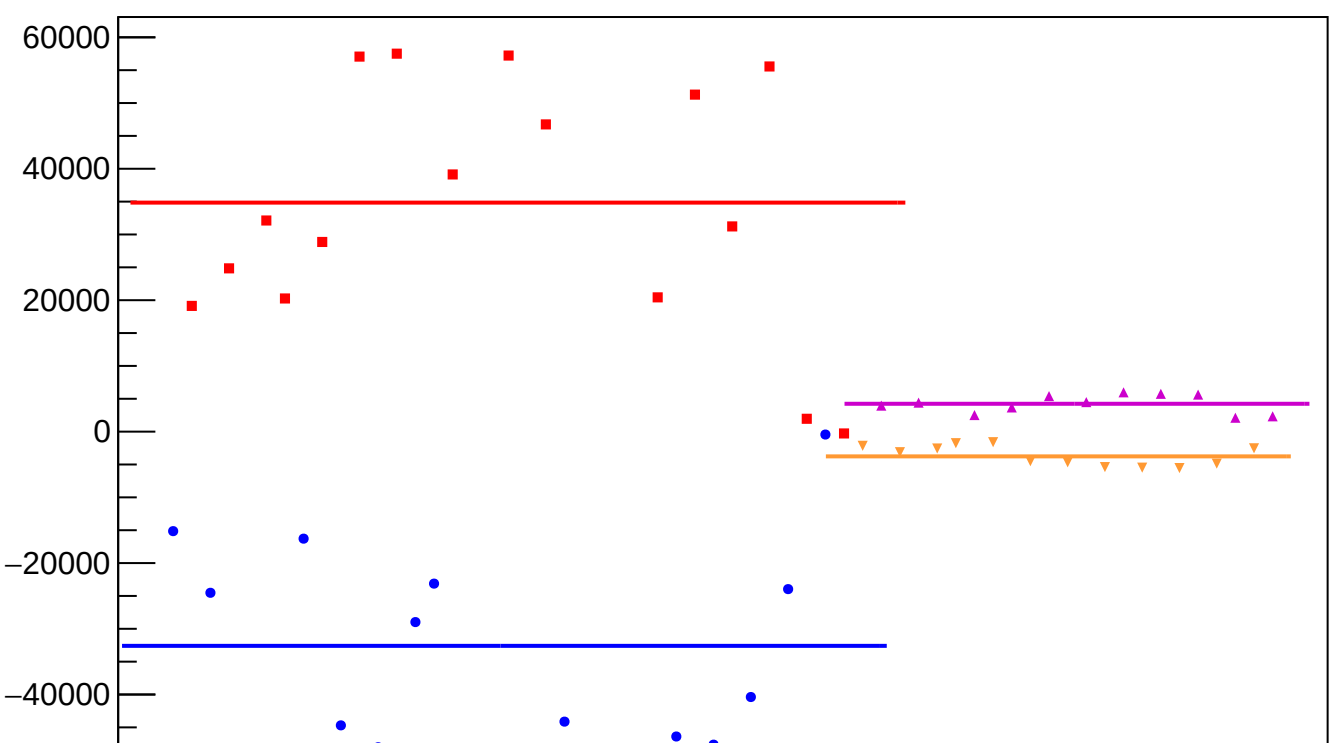
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

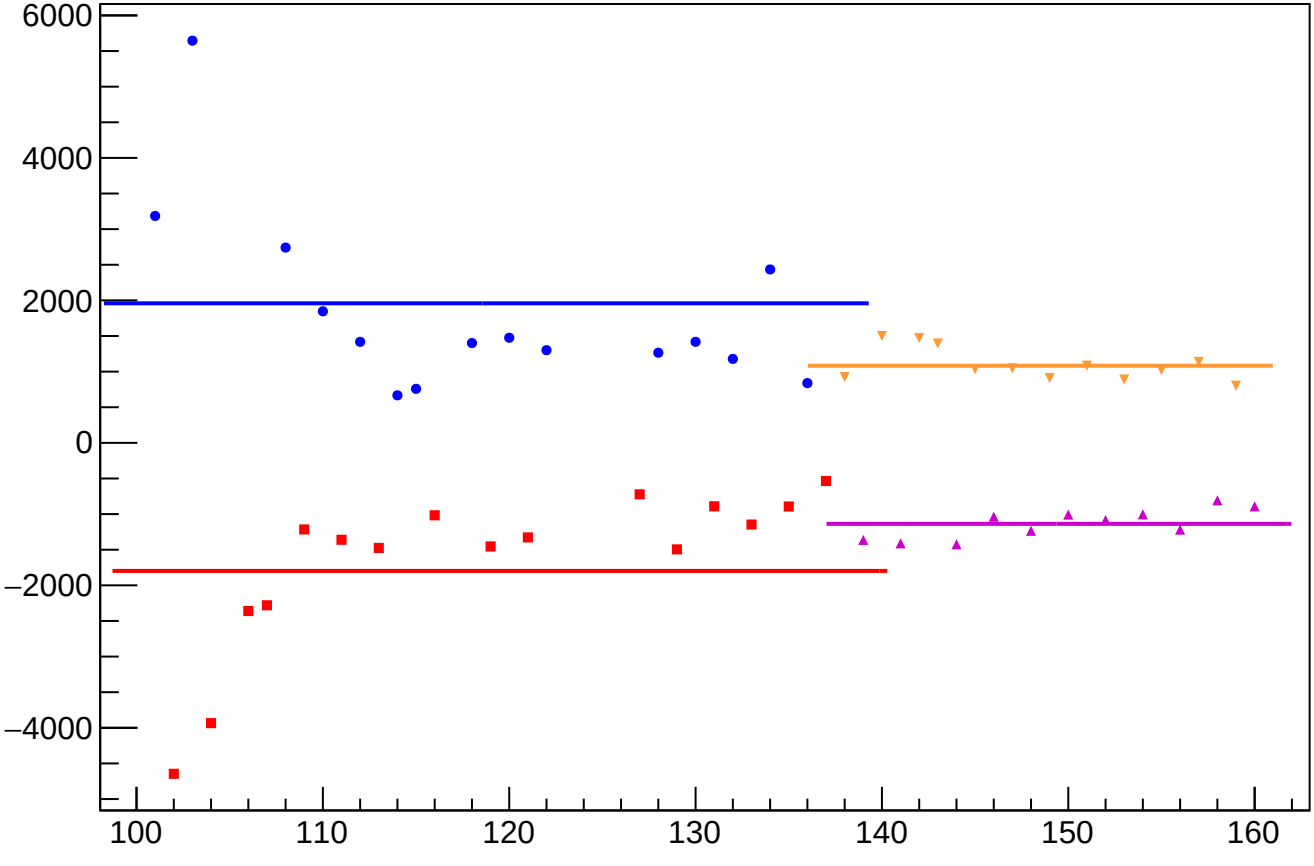
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: 258.769+/-0.000 χ^2/NDF: 3307838906782510
Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -3764.764+/-0.000 χ^2/NDF:1969097651481267133720686593450373545984.0/11
In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
Out: 12525.397+/-0.000 χ^2/NDF:7980109281669 6
Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10
All: 813.296+/-0.000 χ^2/NDF: 19609070541 3

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -33.022+/-0.000 χ^2/NDF: 2342623451337331

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

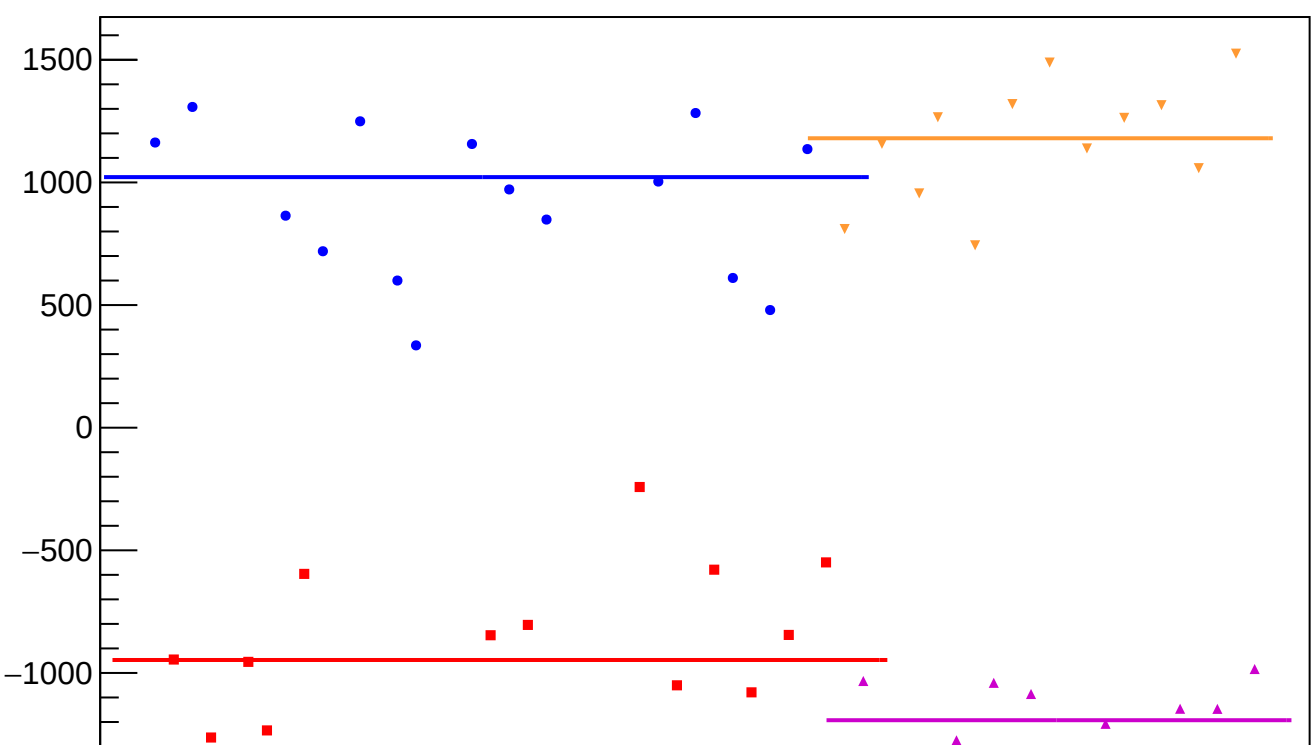
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.327+/-0.000 χ^2/NDF:419623322015972

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.718+/-0.000 χ^2/NDF: 9134060459030

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

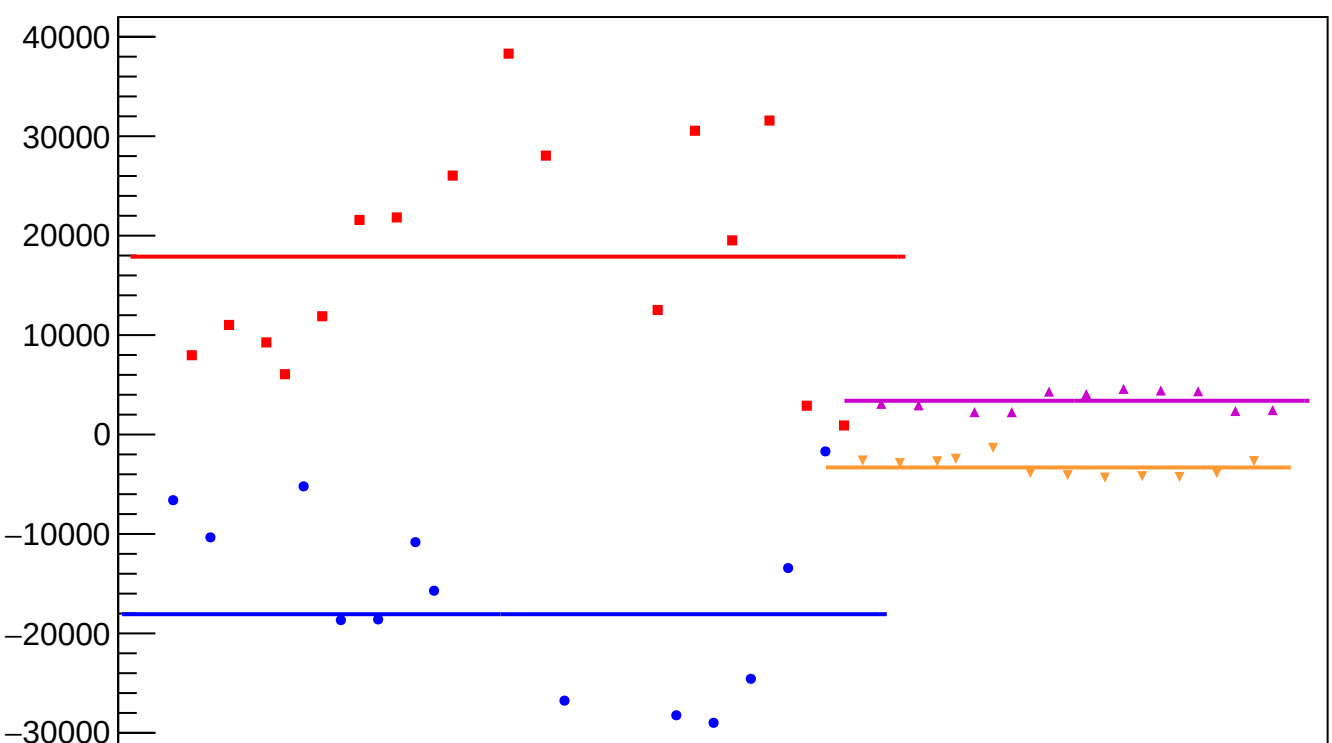
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

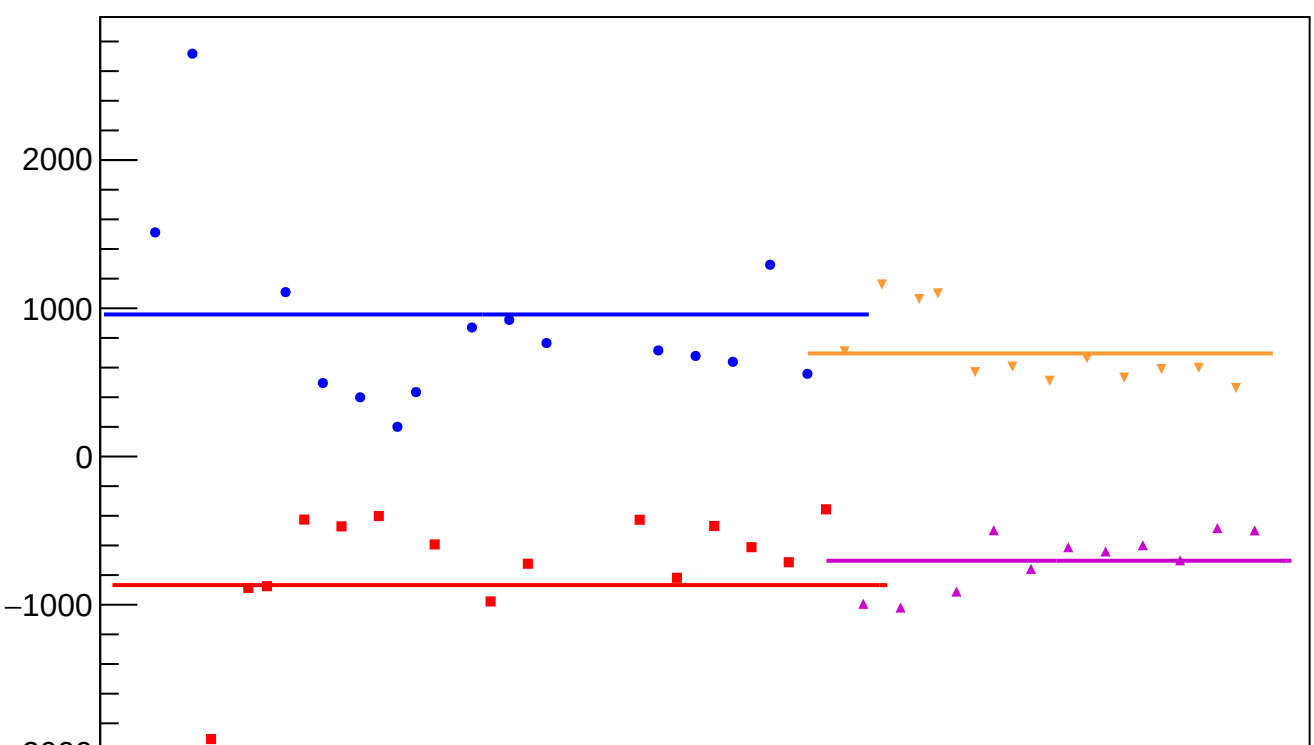
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: 59.413+/-0.000 χ^2/NDF: 2224729910575058
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5632.022+/-0.000 χ^2/NDF:2524906041303 67
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.590+/-0.000 χ^2/NDF: 6102518020061

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: -7.711+/-0.000 χ^2/NDF: 97874173707649304

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

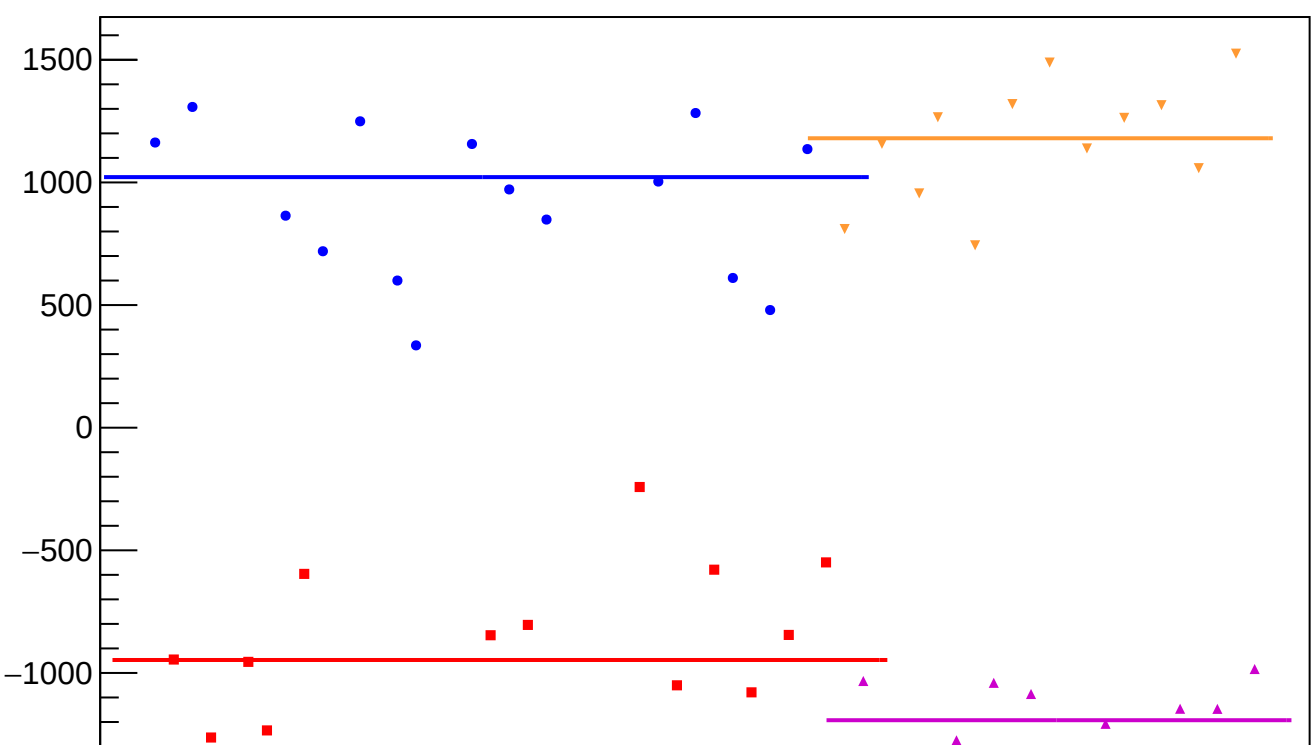
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.995+/-0.000 χ^2/NDF:1206021734950956 6

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.254+/-0.000 χ^2/NDF: 2557581834609 8

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

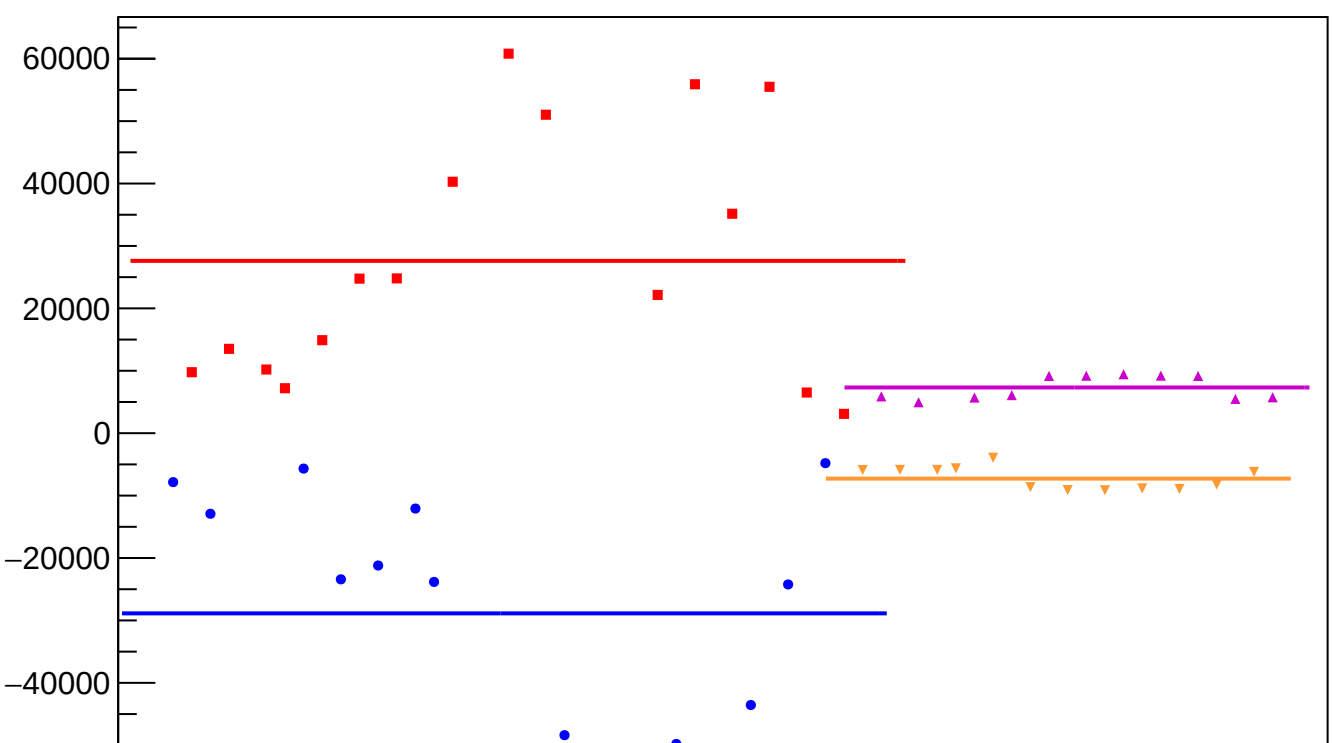
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

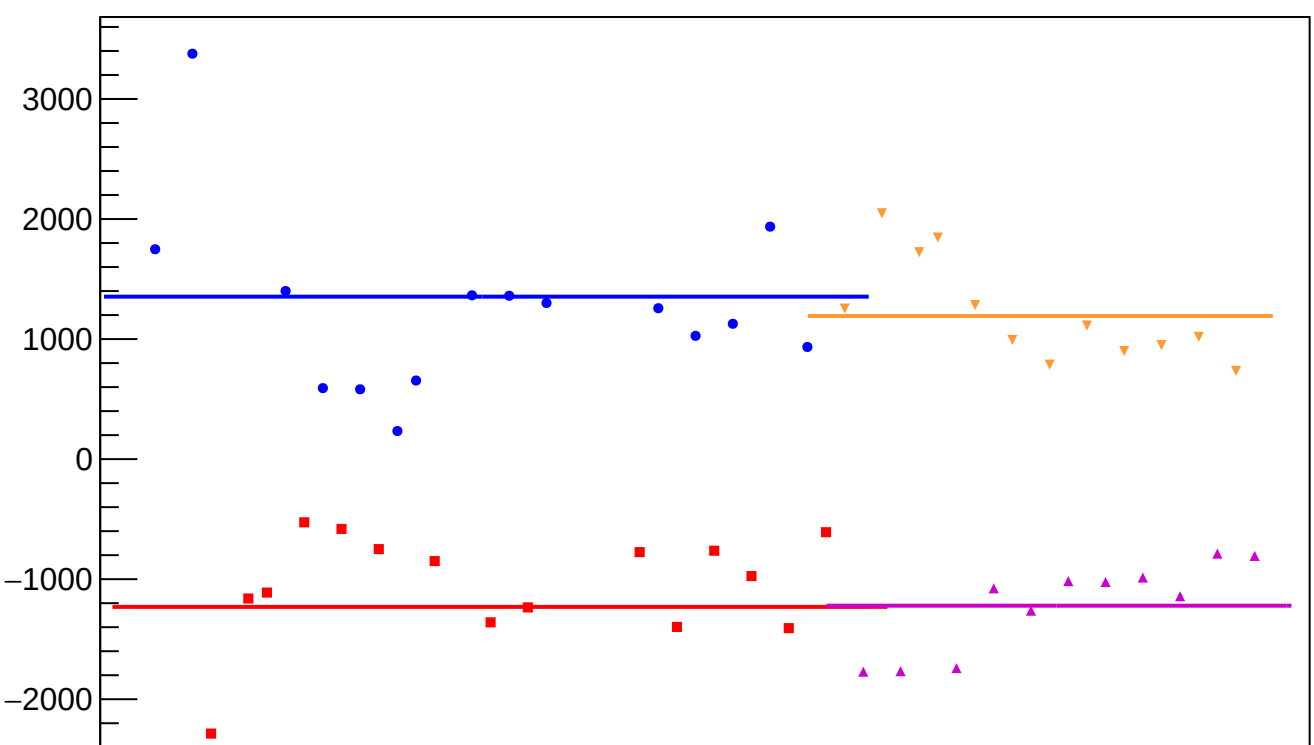
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: 63.330+/-0.000 χ^2/NDF: 10376898900763943
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7277.886+/-0.000 χ^2/NDF:273886730591809806831738823923410455756 8.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7441.143+/-0.000 χ^2/NDF:720201732002610
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.332+/-0.000 χ^2/NDF: 166268033579

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: -20.807+/-0.000 χ^2/NDF: 2942660248465198

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

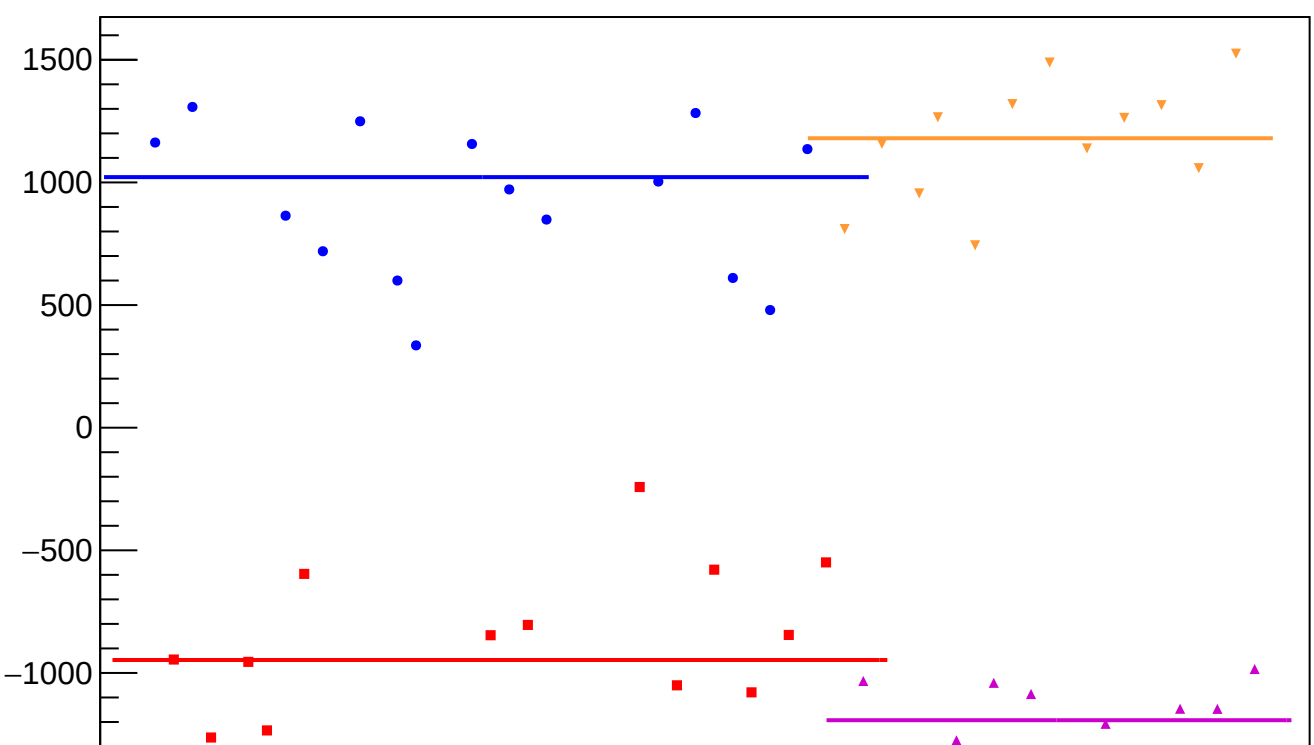
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 170.087+/-0.000 χ^2/NDF:2691556918692435

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.116+/-0.000 χ^2/NDF: 5772148977032 9

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

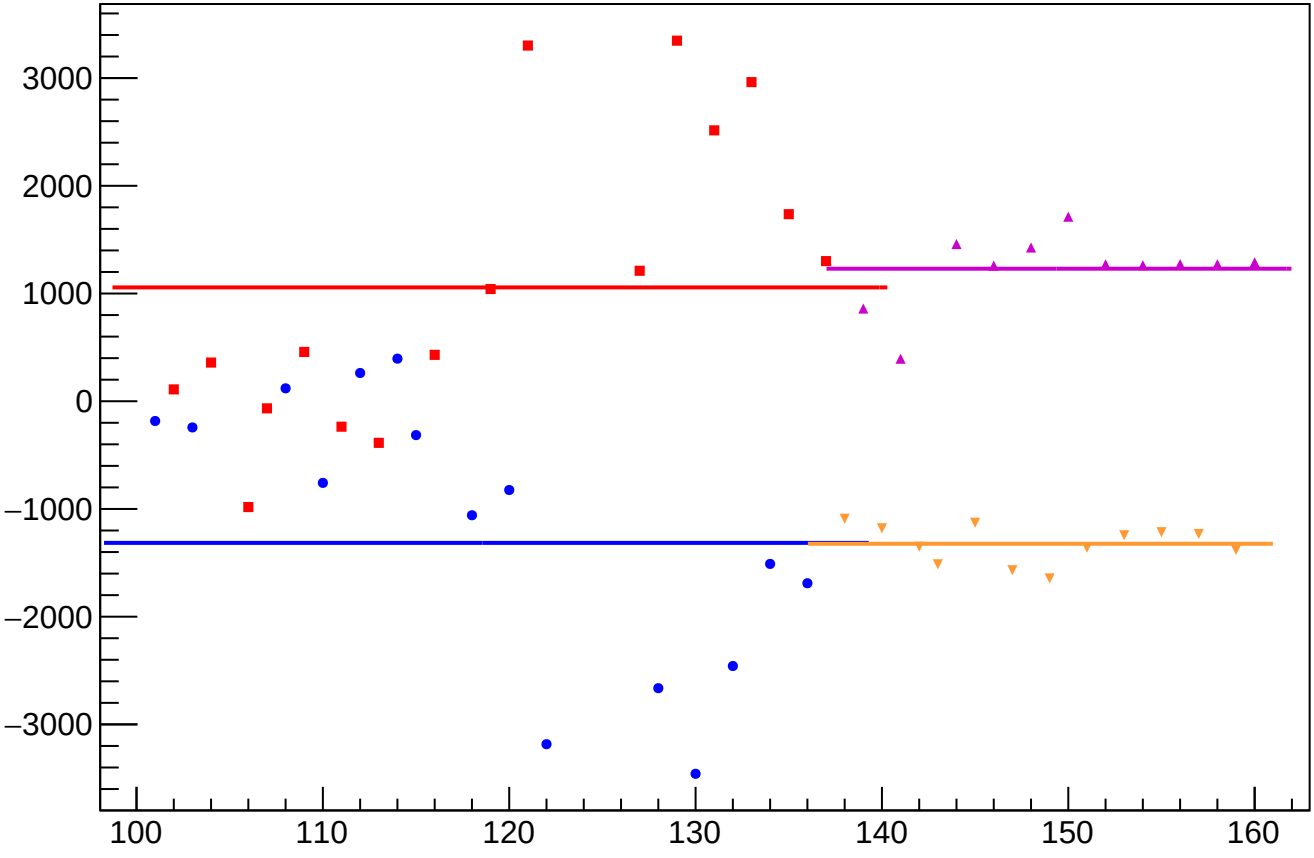
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

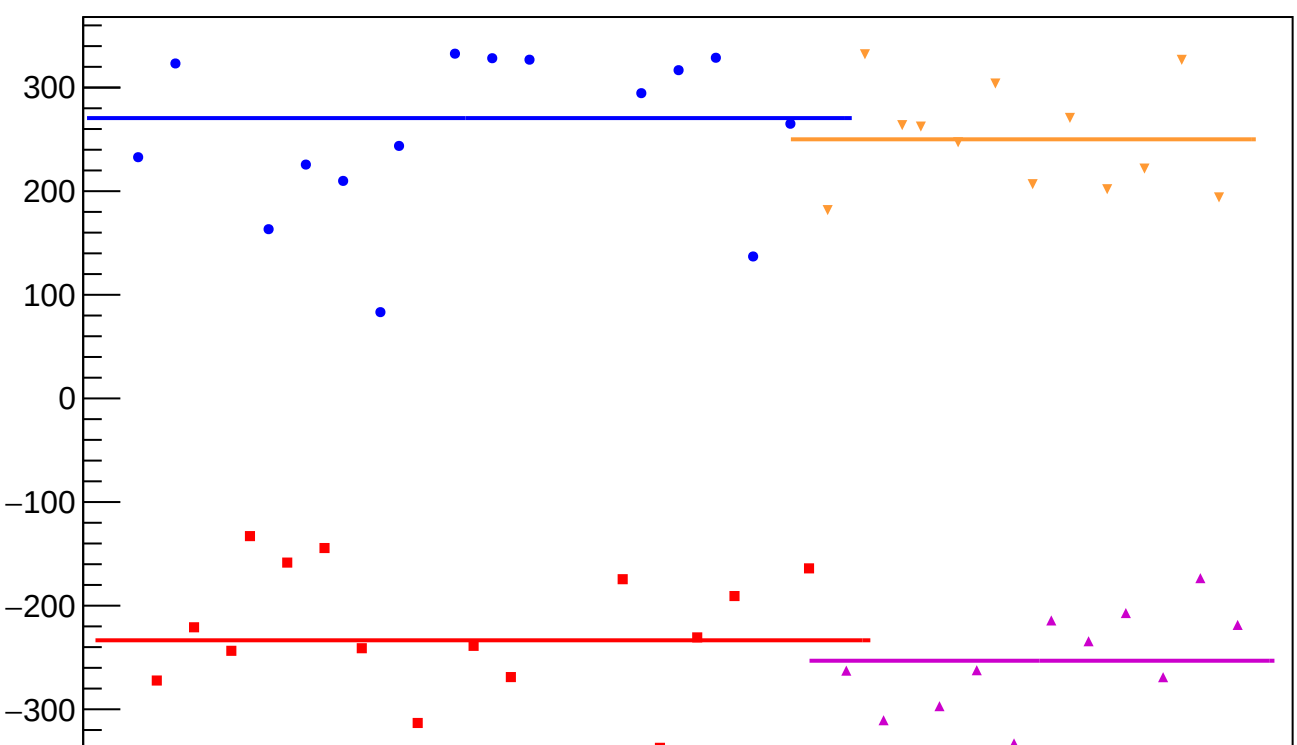
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -39.410+/-0.000 χ^2/NDF: 3123799611158754
Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15
Out: -319.095+/-0.000 χ^2/NDF:333836126374439
Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10
All: -70.027+/-0.000 χ^2/NDF: 707118050555

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -2.914+/-0.000 χ^2/NDF: 12065657526575144

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

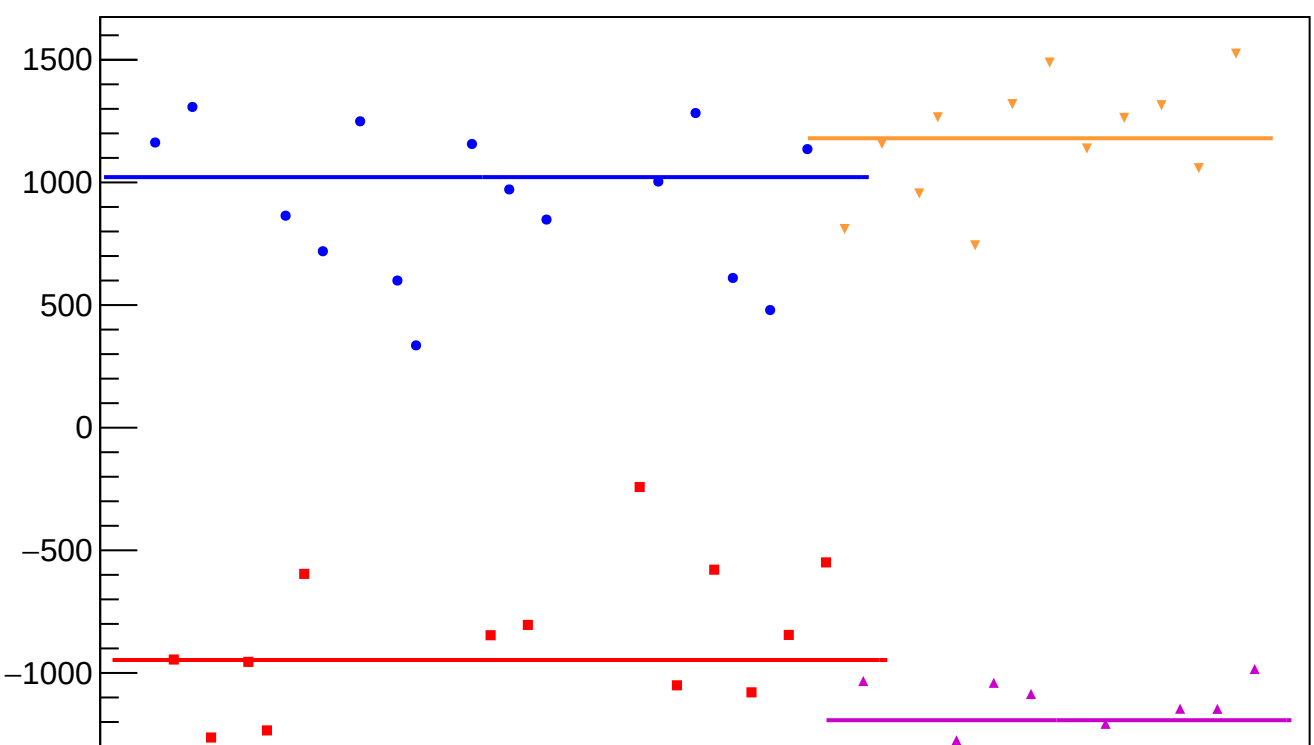
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 46.084+/-0.000 χ^2/NDF:9551225449196464 5

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.607+/-0.000 χ^2/NDF: 20997016075743

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

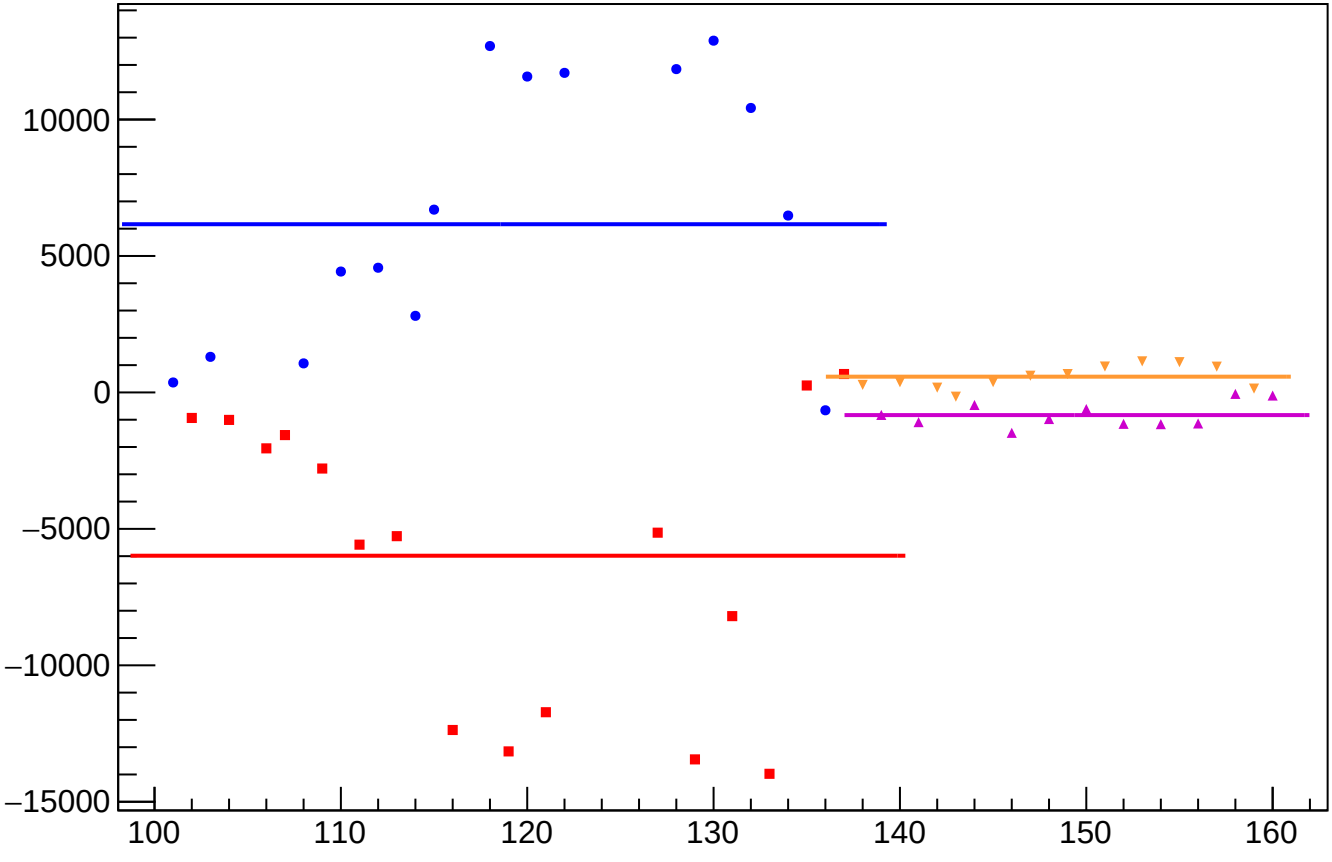
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -130.481+/-0.000 χ^2/NDF: 122705160360500

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

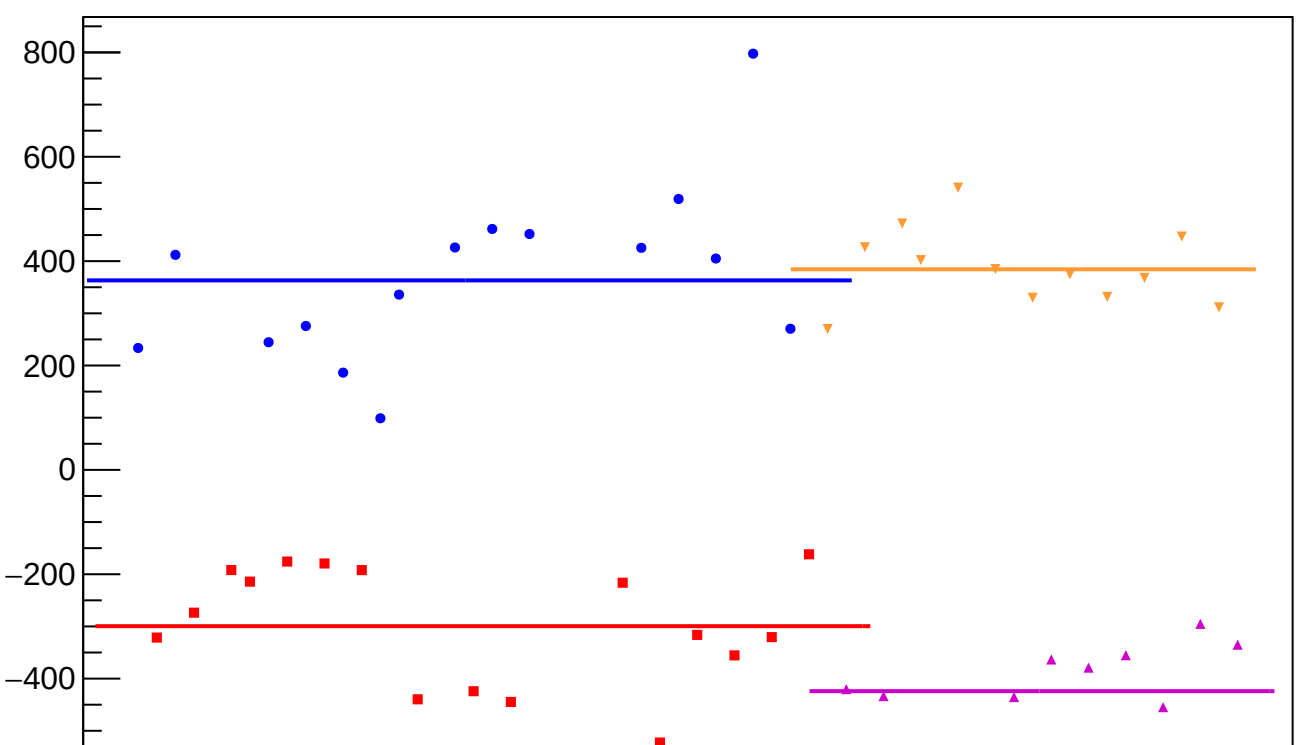
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2190.770+/-0.000 χ^2/NDF:34248915694866

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.239+/-0.000 χ^2/NDF: 854846167938

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -22.018+/-0.000 χ^2/NDF: 3128182165483401

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

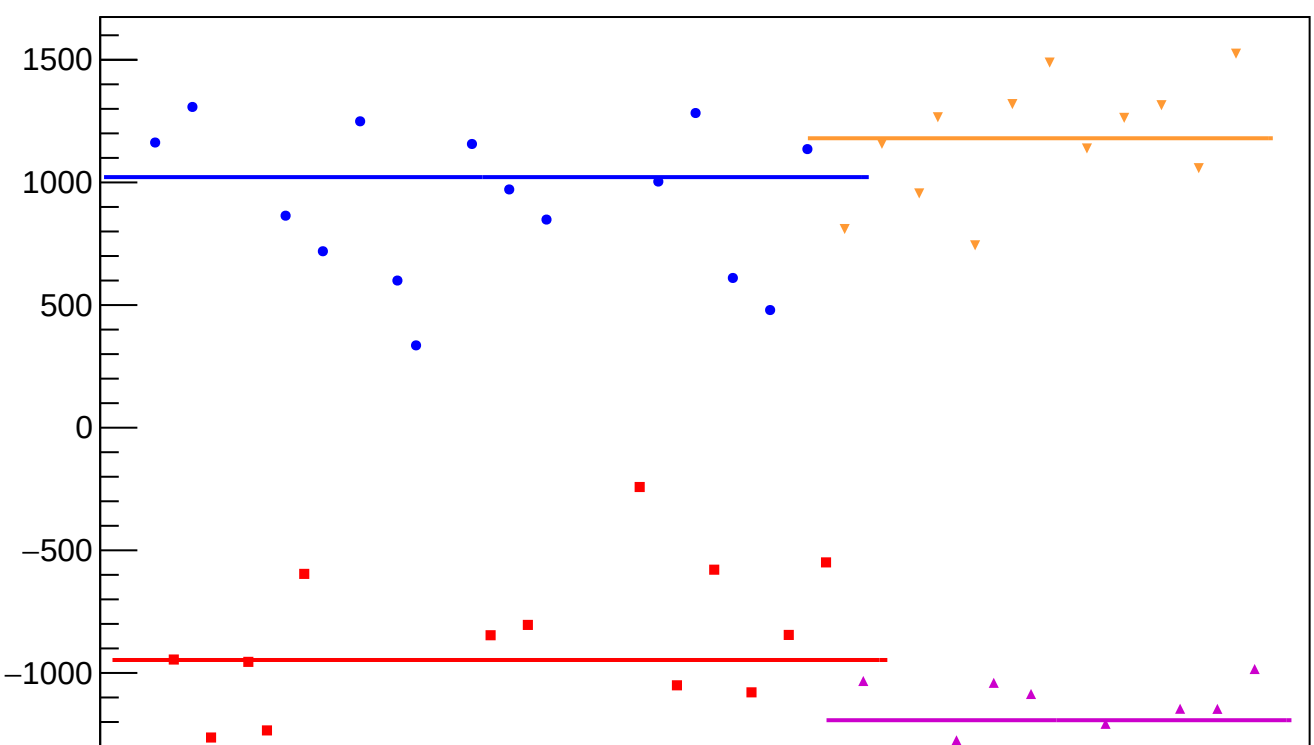
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.865+/-0.000 χ^2/NDF:1927486409807693 5

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.449+/-0.000 χ^2/NDF: 4783076167376

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:192909078825431 9

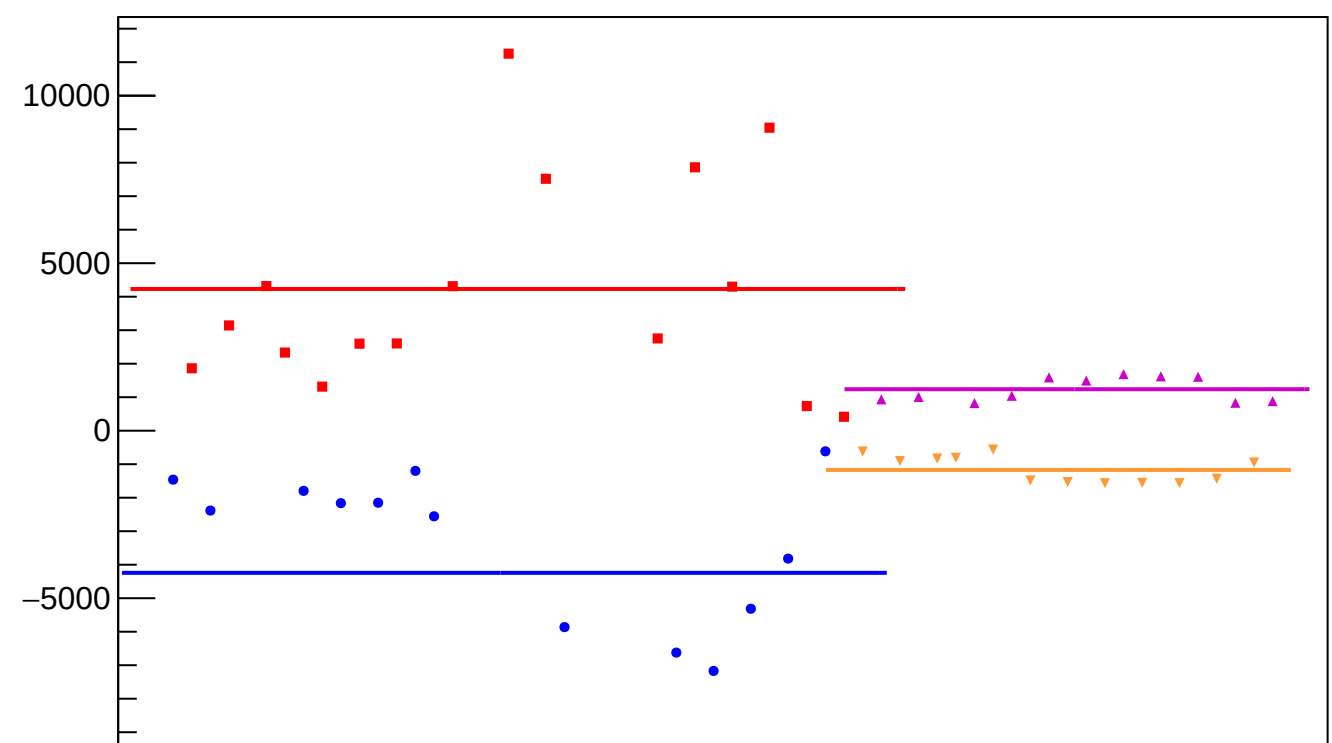
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 40.054+/-0.000 χ^2/NDF: 2918723631424919

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

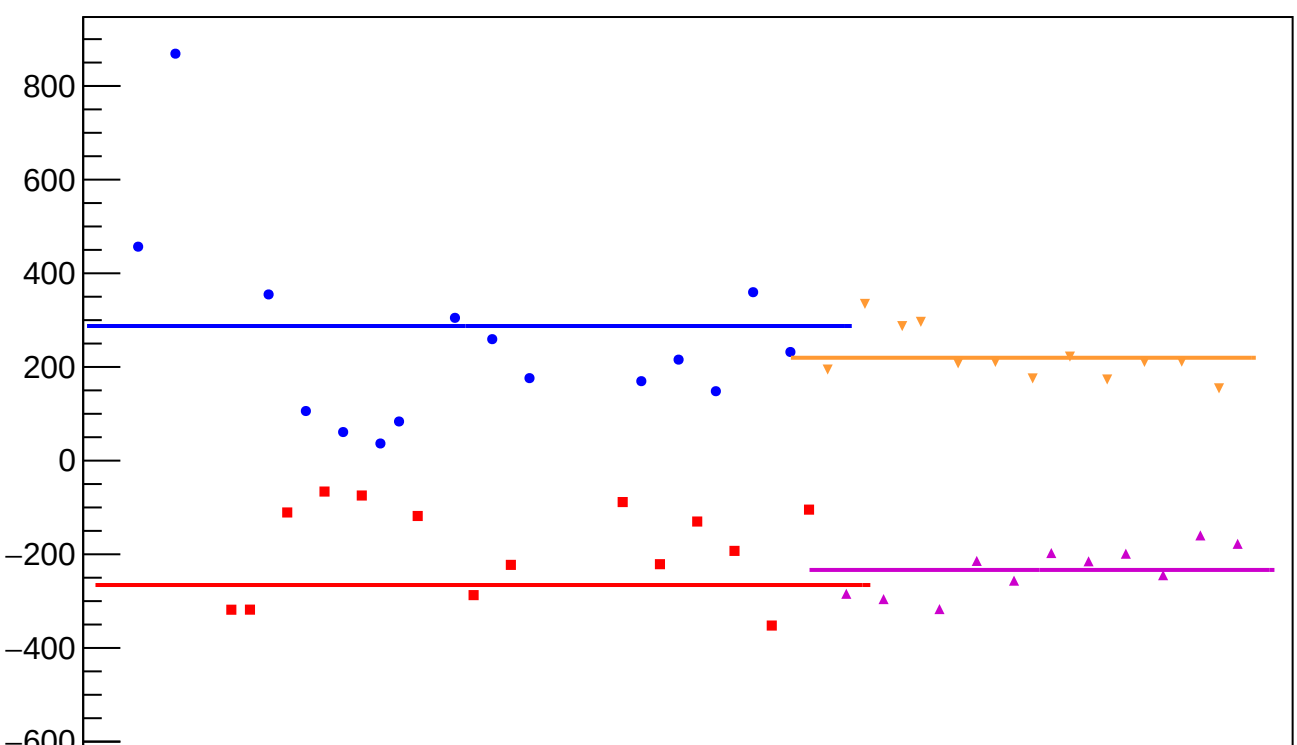
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1107.560+/-0.000 χ^2/NDF:180754931945864

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.184+/-0.000 χ^2/NDF: 4000063219777

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -8.095+/-0.000 χ^2/NDF: 98946310660581678

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 219.672+/-0.000 χ^2/NDF:2455507522676926762328692419180101632.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

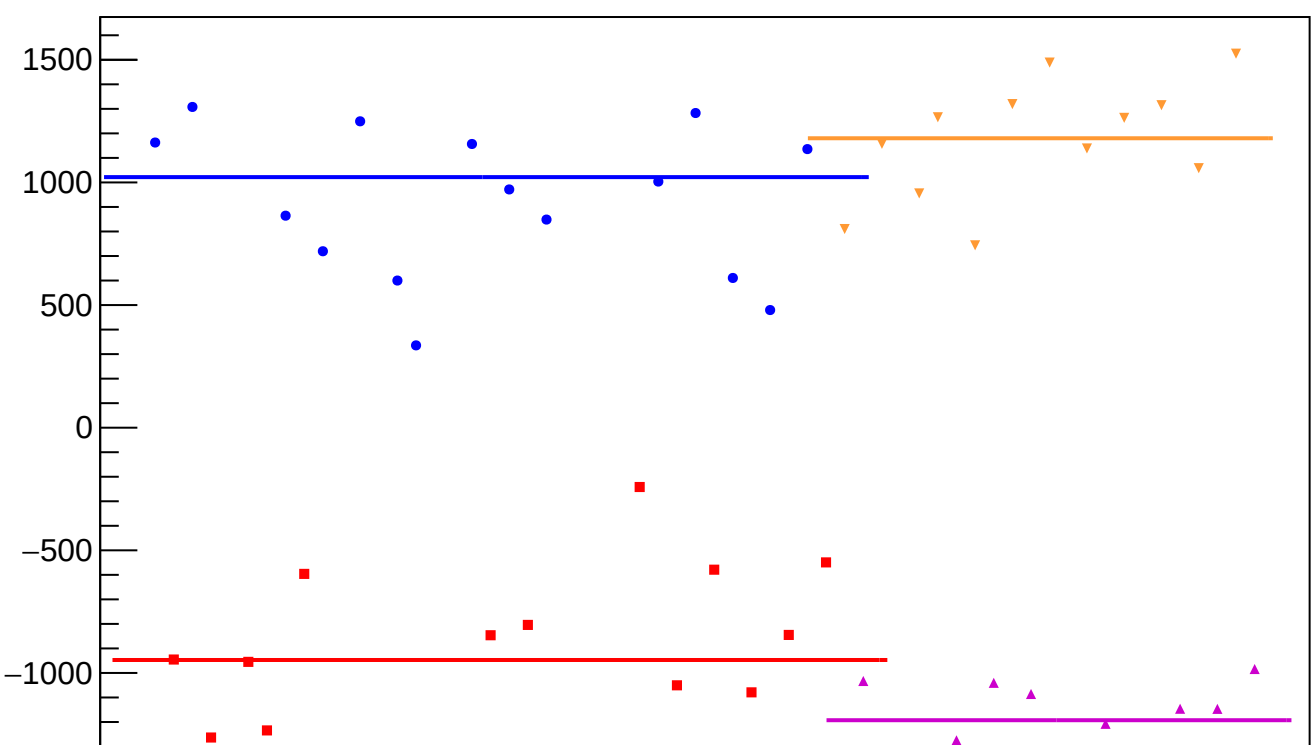
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.946+/-0.000 χ^2/NDF:11910121360268258

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.734+/-0.000 χ^2/NDF: 2550962914121

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

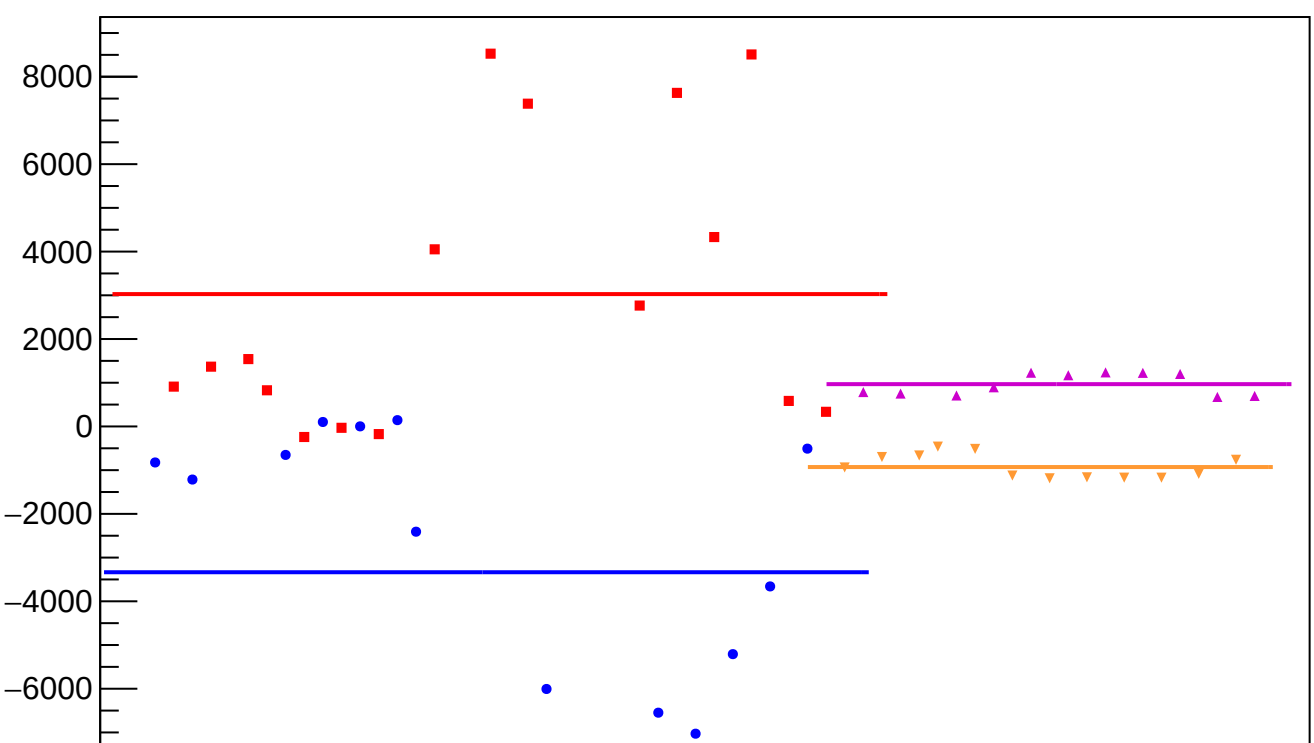
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

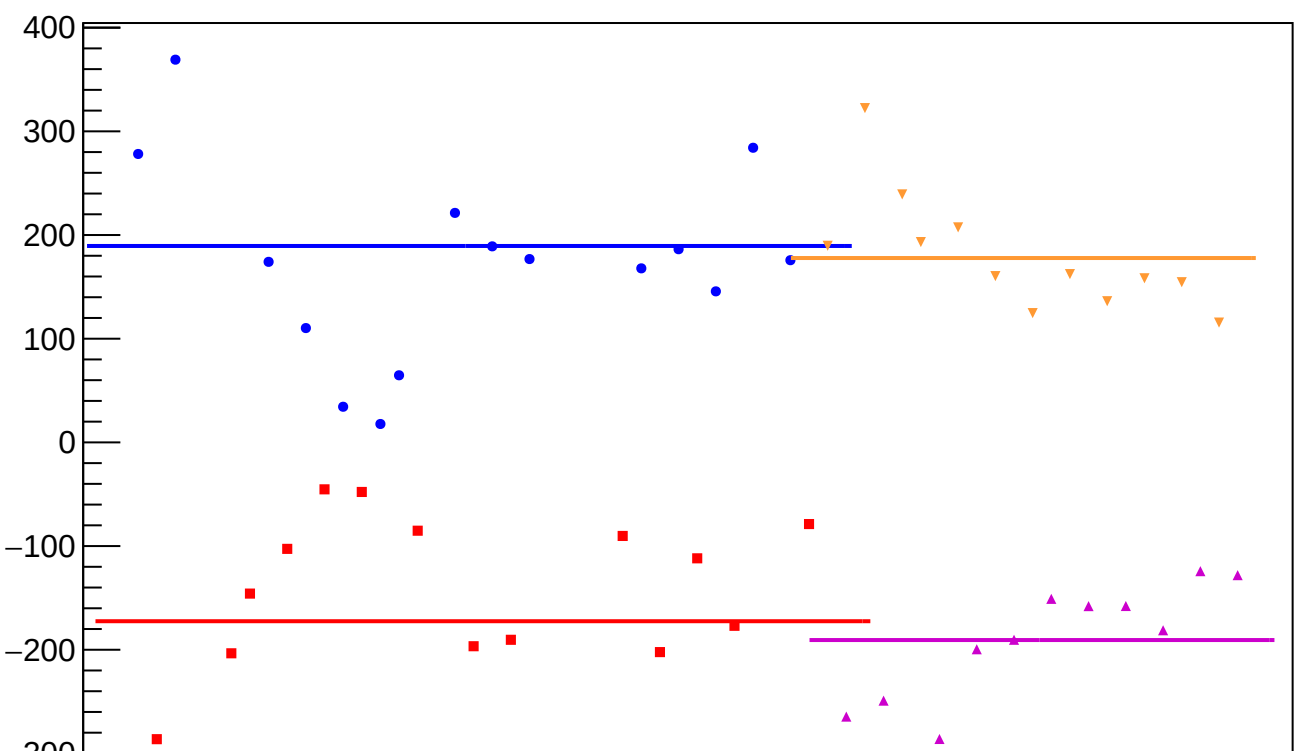
All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam8_coil7_mean vs Slug, Sign Corrected



Left: 24.512+/-0.000 χ^2/NDF: 17662313982822156
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 740.311+/-0.000 χ^2/NDF:1318448638352381
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.746+/-0.000 χ^2/NDF: 285218808380

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -7.418+/-0.000 χ^2/NDF: 67707857548229784

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

In: -33.824+/-0.000 χ^2/NDF:62316992098402396

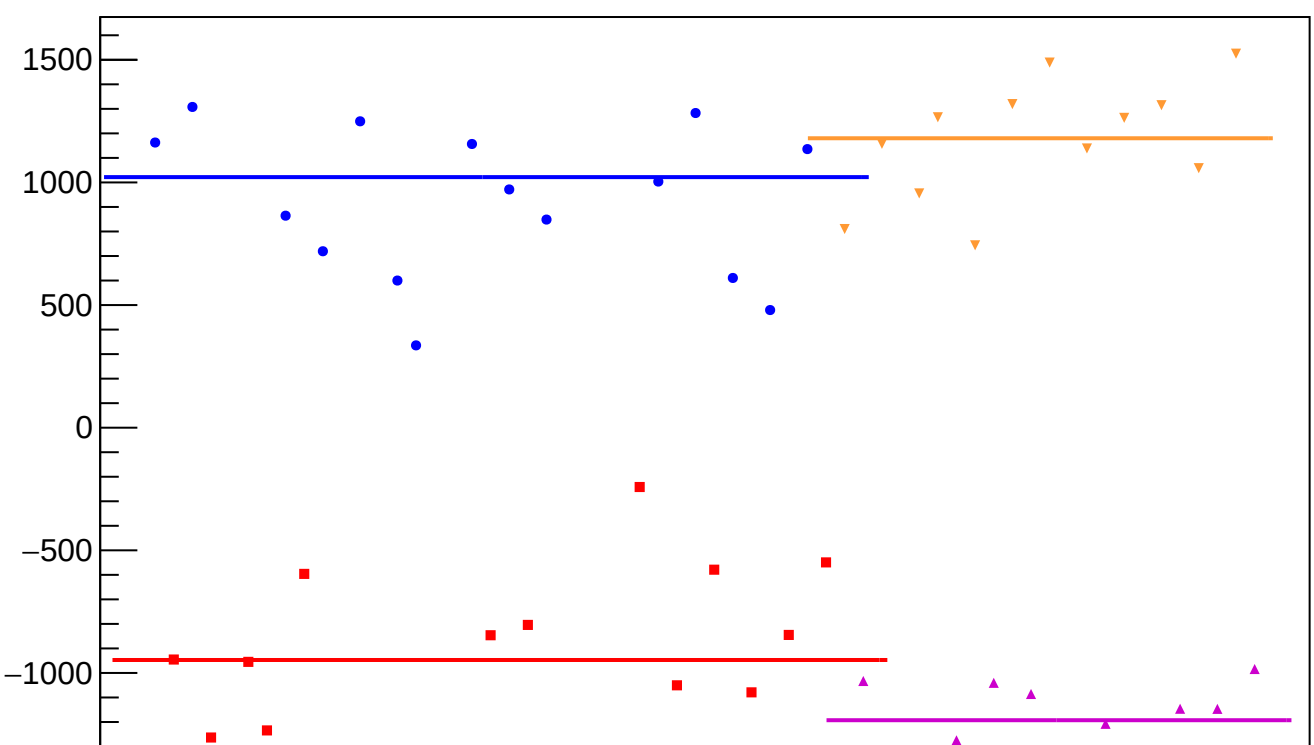
Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

Out: 30.026+/-0.000 χ^2/NDF:5570432113857539 0

Left In: -190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

All: -1.818+/-0.000 χ^2/NDF: 1212358862395

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

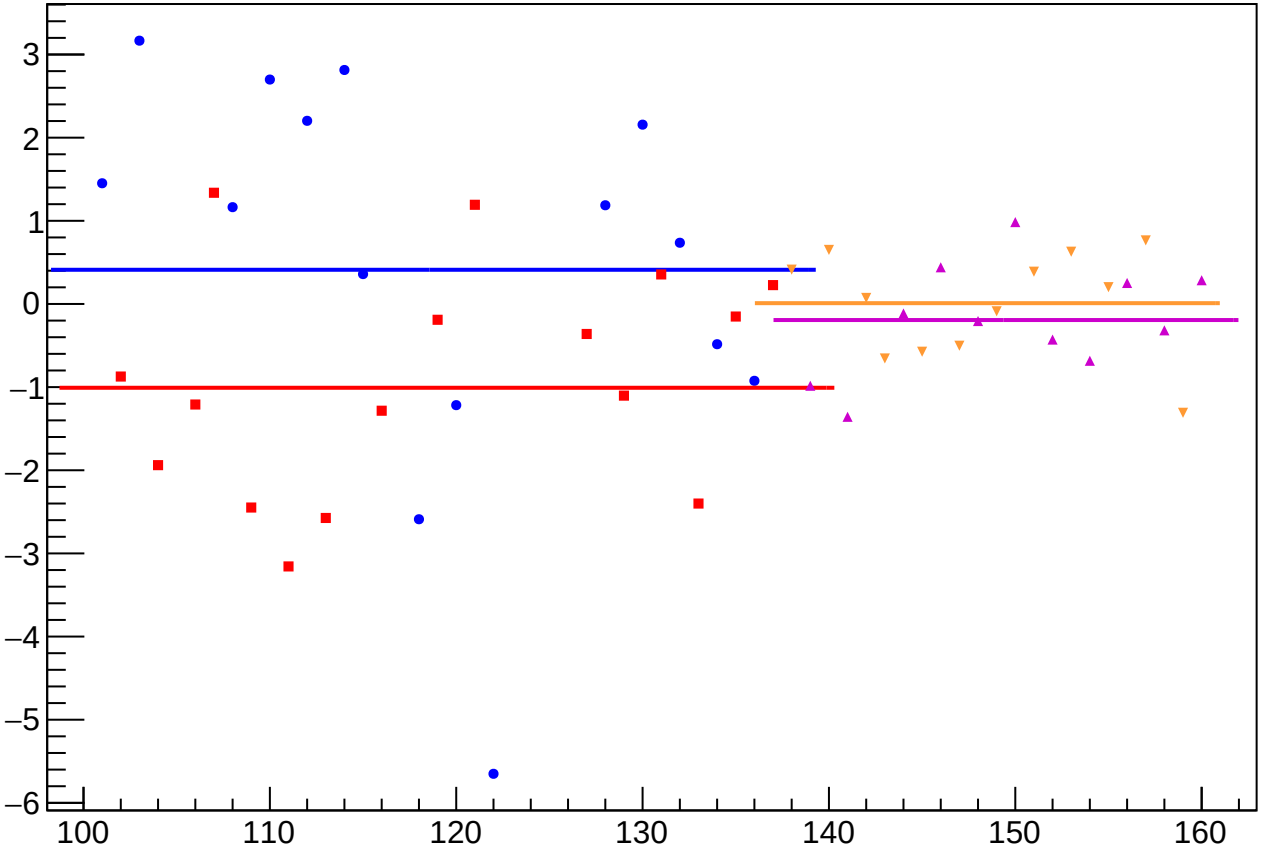
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.092+/-0.000 χ^2/NDF: 75962986262153938

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774 0

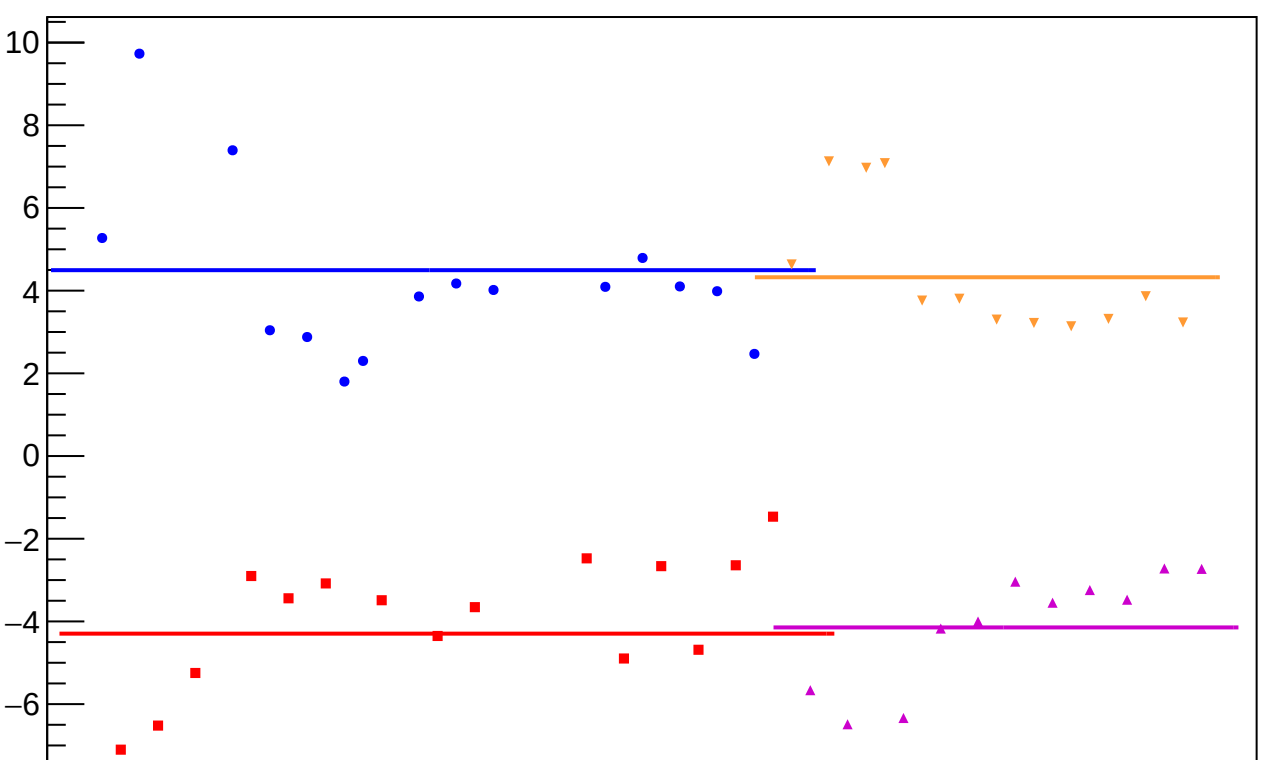
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.420+/-0.000 χ^2/NDF:1882127563967702 6

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5971597389441

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.066+/-0.000 χ^2/NDF: 366281962464816002

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.324+/-0.000 χ^2/NDF:20255349693889500584071091191808 00.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

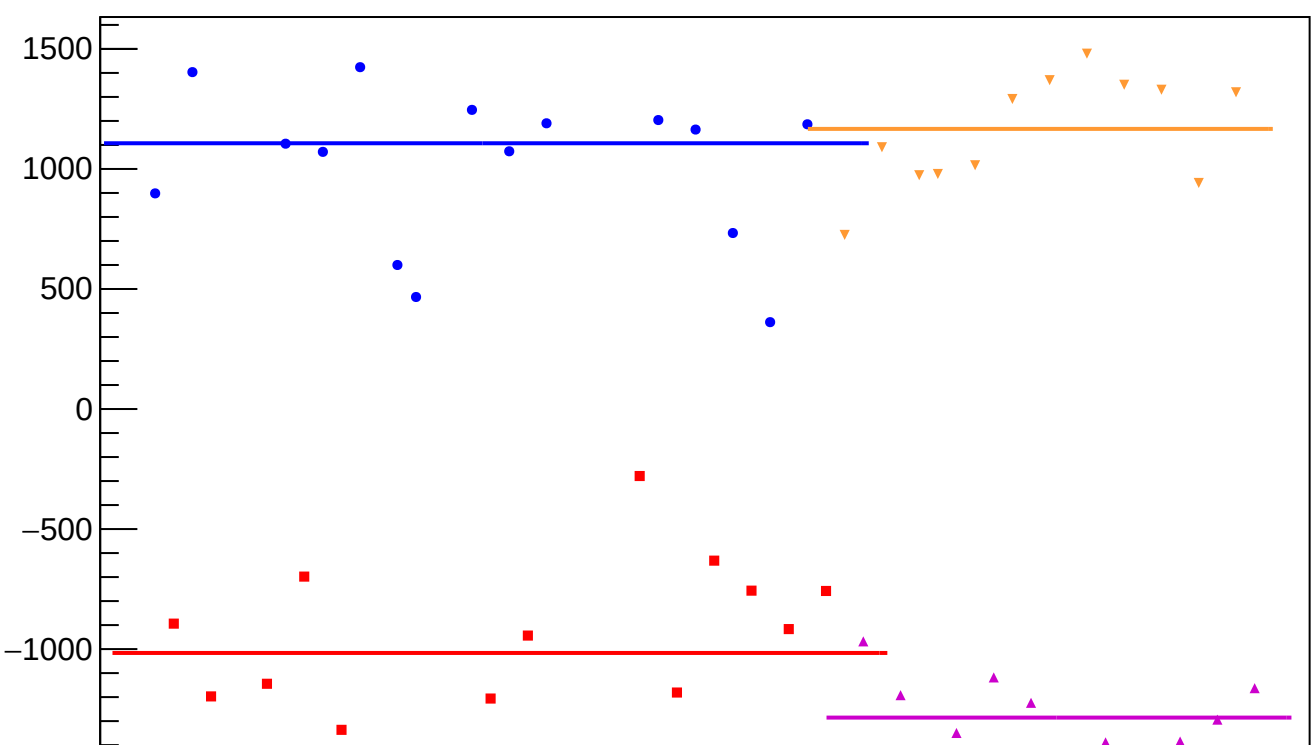
Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

Out: 0.687+/-0.000 χ^2/NDF:32685168492673519 3

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6680227054433 8

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

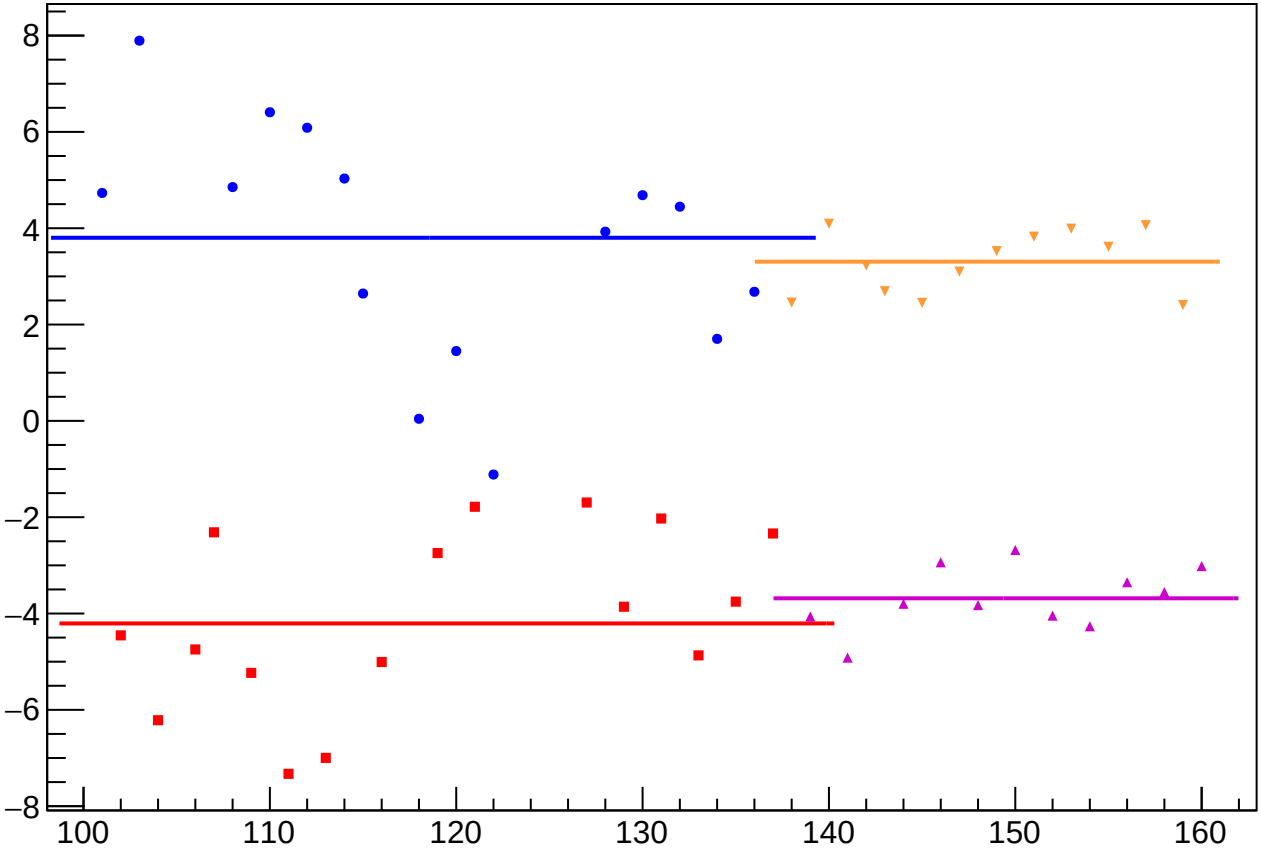
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.208+/-0.000 χ^2/NDF: 23190007997846699

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

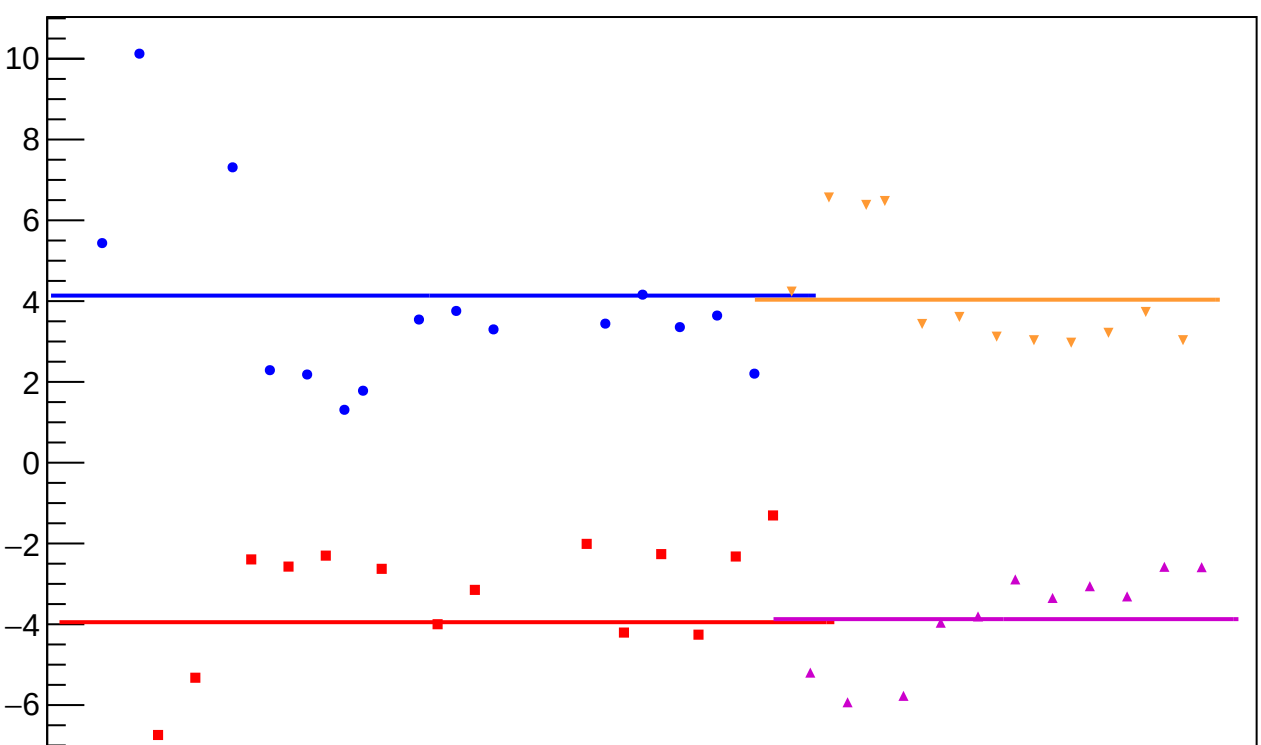
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.137+/-0.000 χ^2/NDF:24226870849335382 7

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

All: -0.229+/-0.000 χ^2/NDF: 5017617766780

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.060+/-0.000 χ^2/NDF: 316216539127816530

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

In: -0.568+/-0.000 χ^2/NDF:292407298934601756

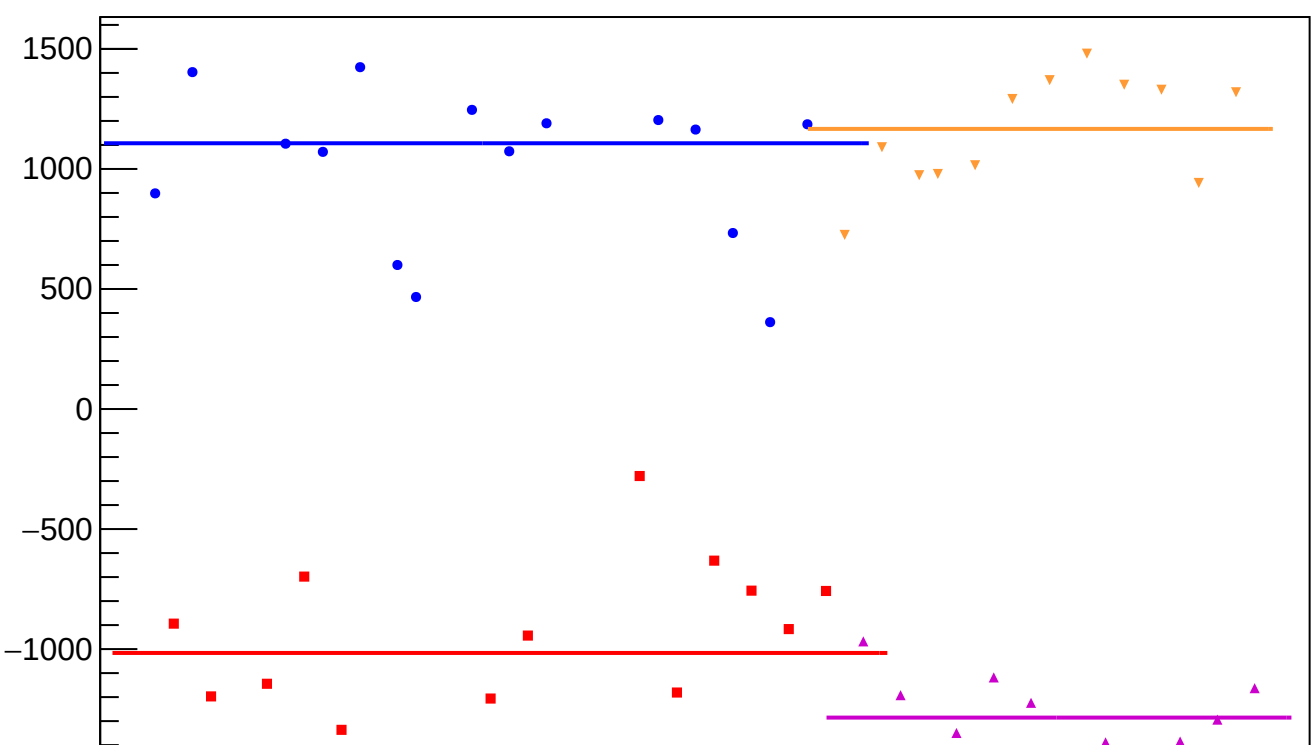
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

Out: 0.667+/-0.000 χ^2/NDF:288565858035972461

Left In: -3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

All: 0.051+/-0.000 χ^2/NDF: 5930048169444 3

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

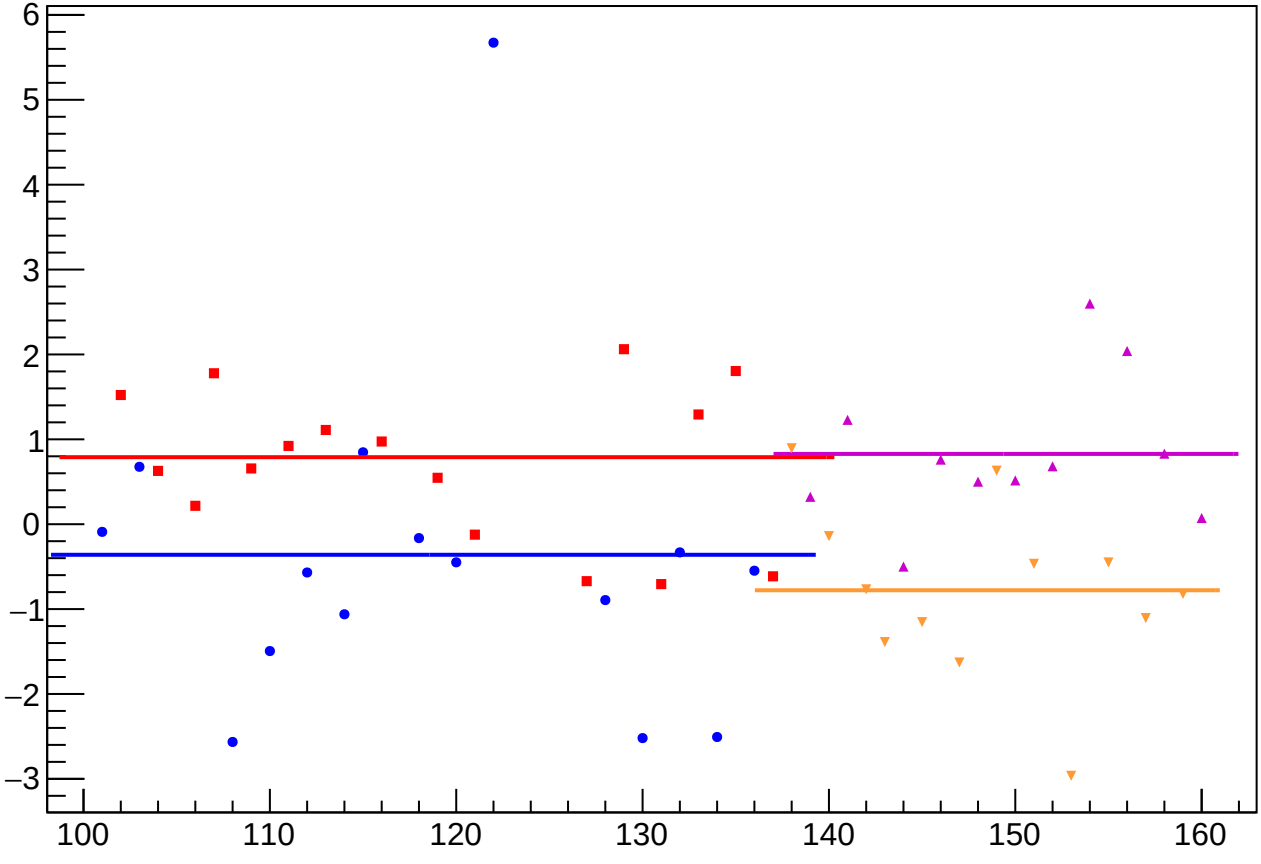
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.029+/-0.000 χ^2/NDF: 277746787190859319

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 3078215805430625 7

Left Out: -0.778+/-0.000 χ^2/NDF:941792568376434225486843988672512.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

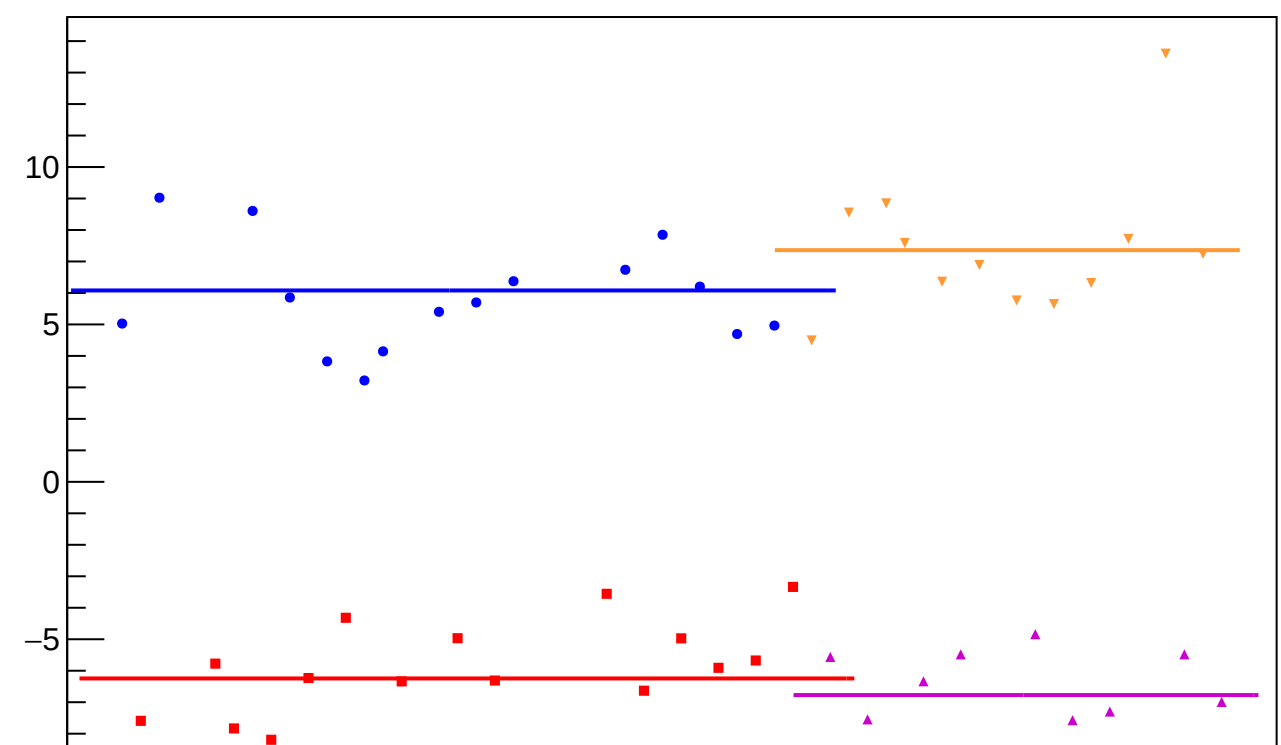
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2352648188556043 2

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

All: 0.110+/-0.000 χ^2/NDF: 5884318462286 7

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509904488253 44.0/14

Left Out: 7.360+/-0.000 χ^2/NDF:4580380755239365503585140070154240.0/11

Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

Left In: -6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

Left: 0.255+/-0.000 χ^2/NDF: 97899661429953453 6

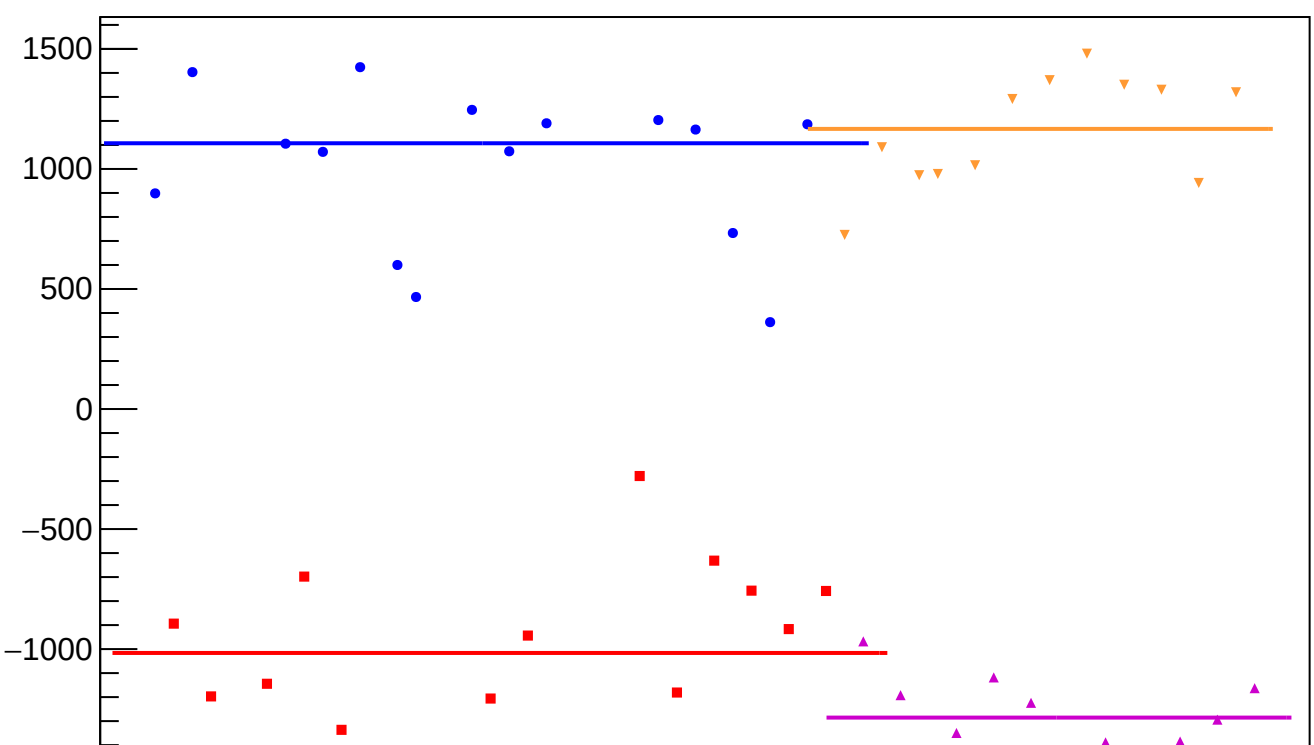
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

In: -1.470+/-0.000 χ^2/NDF:661098072576307986

Out: 1.620+/-0.000 χ^2/NDF:777700572607728020

All: 0.079+/-0.000 χ^2/NDF: 1514090769074 6

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

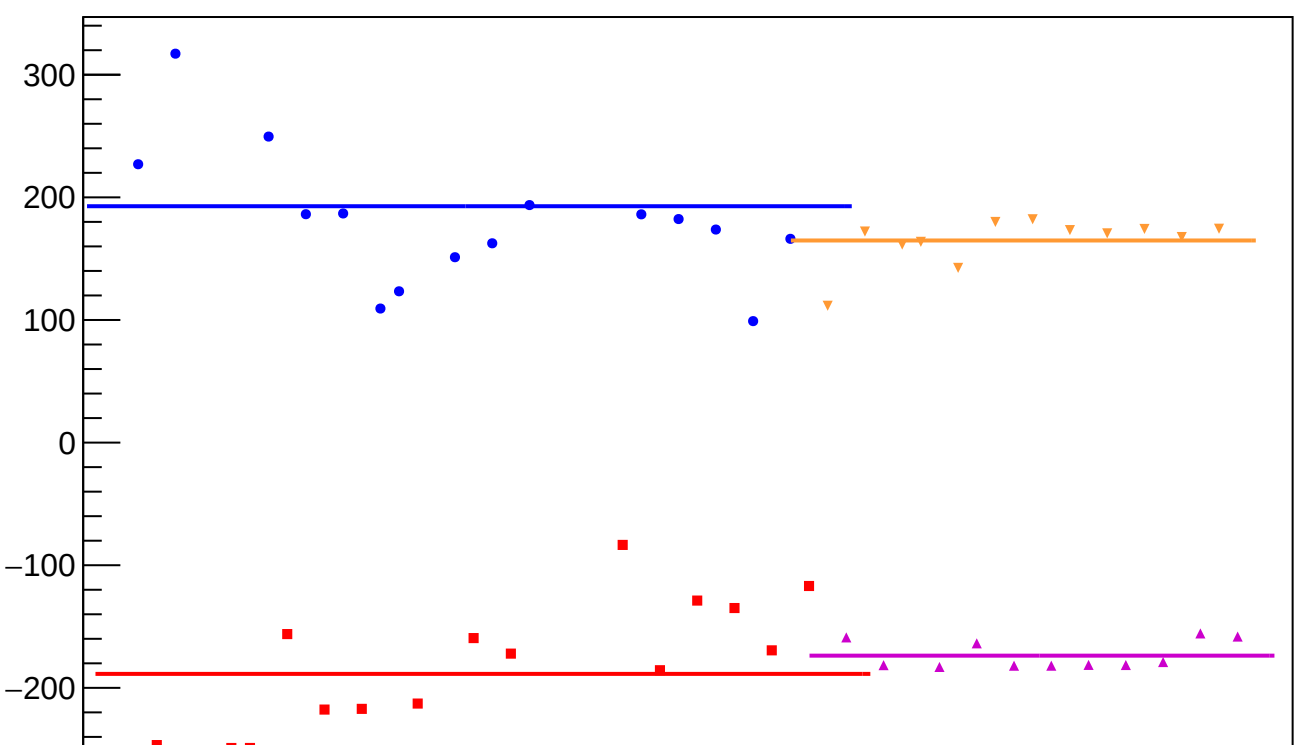
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

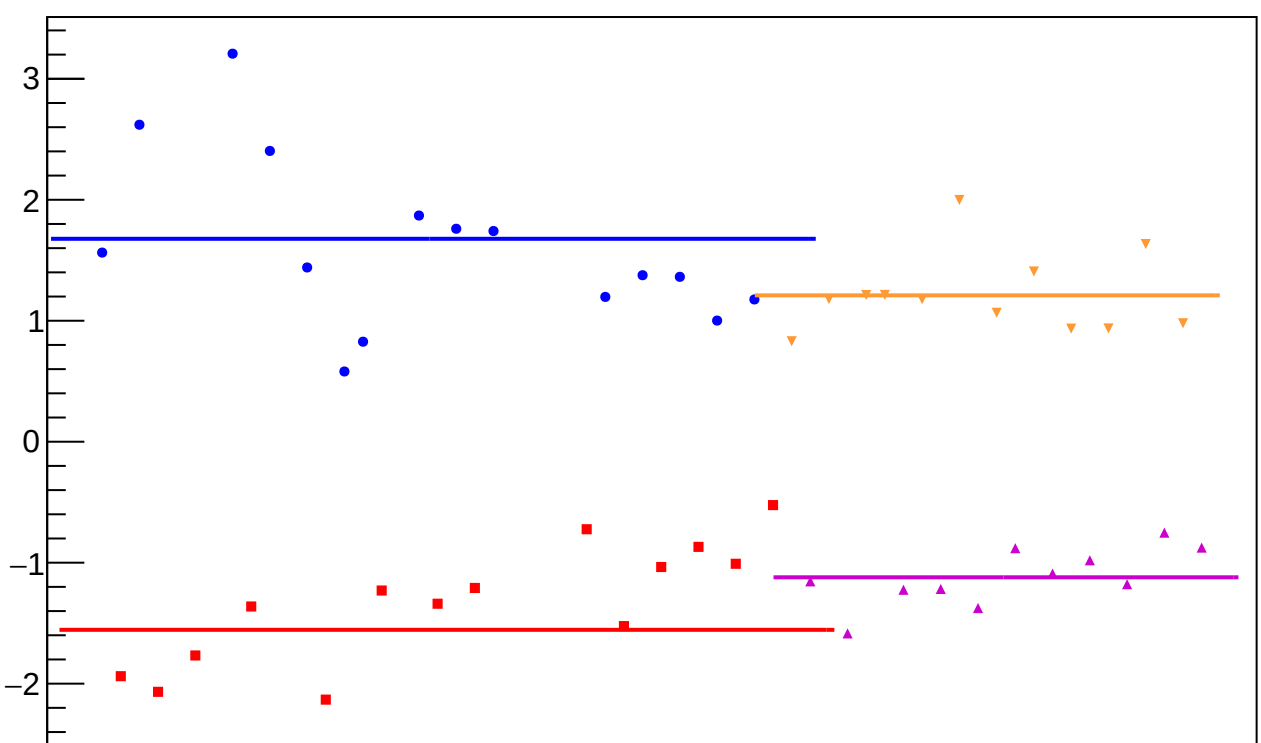
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aY_coil4_mean vs Slug, Sign Corrected



Left: -5.374+/-0.000 χ^2/NDF: 5310985688490385
Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893
Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11
In: -22.521+/-0.000 χ^2/NDF:5295856655825622
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15
Out: 15.720+/-0.000 χ^2/NDF:5042417445122393
Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10
All: -3.352+/-0.000 χ^2/NDF: 1045358110774

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.038+/-0.000 χ^2/NDF: 264004662994655544

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

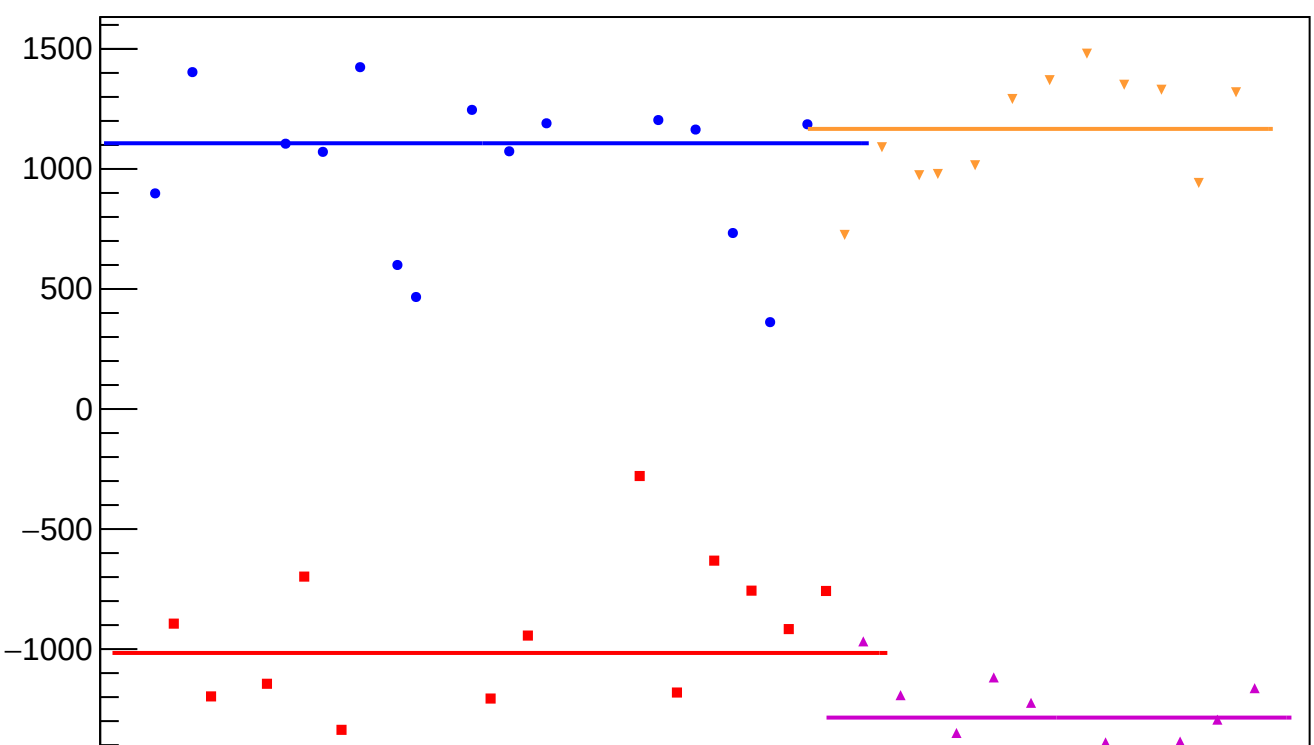
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3299071618905269 86

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6574514878756 2

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

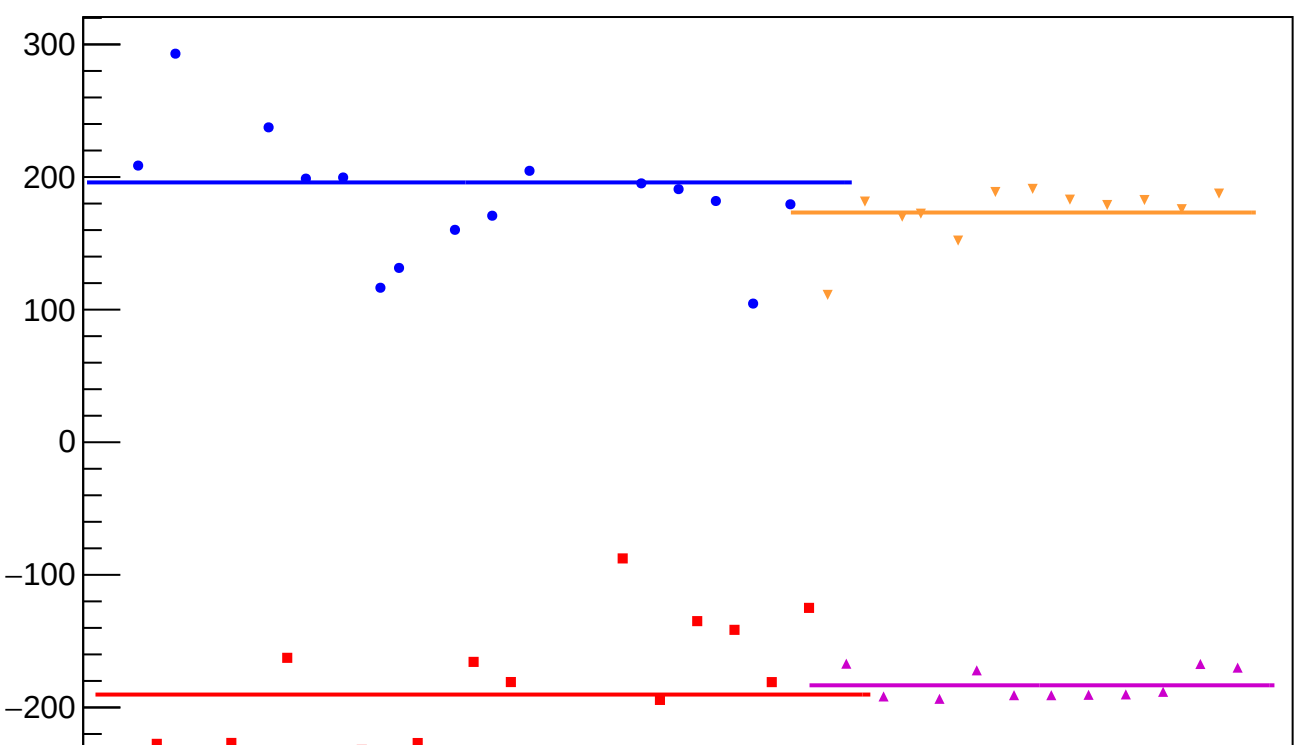
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -5.993+/-0.000 χ^2/NDF: 58931613915214401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 173.245+/-0.000 χ^2/NDF:42118974302231295677962122295456563 2.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

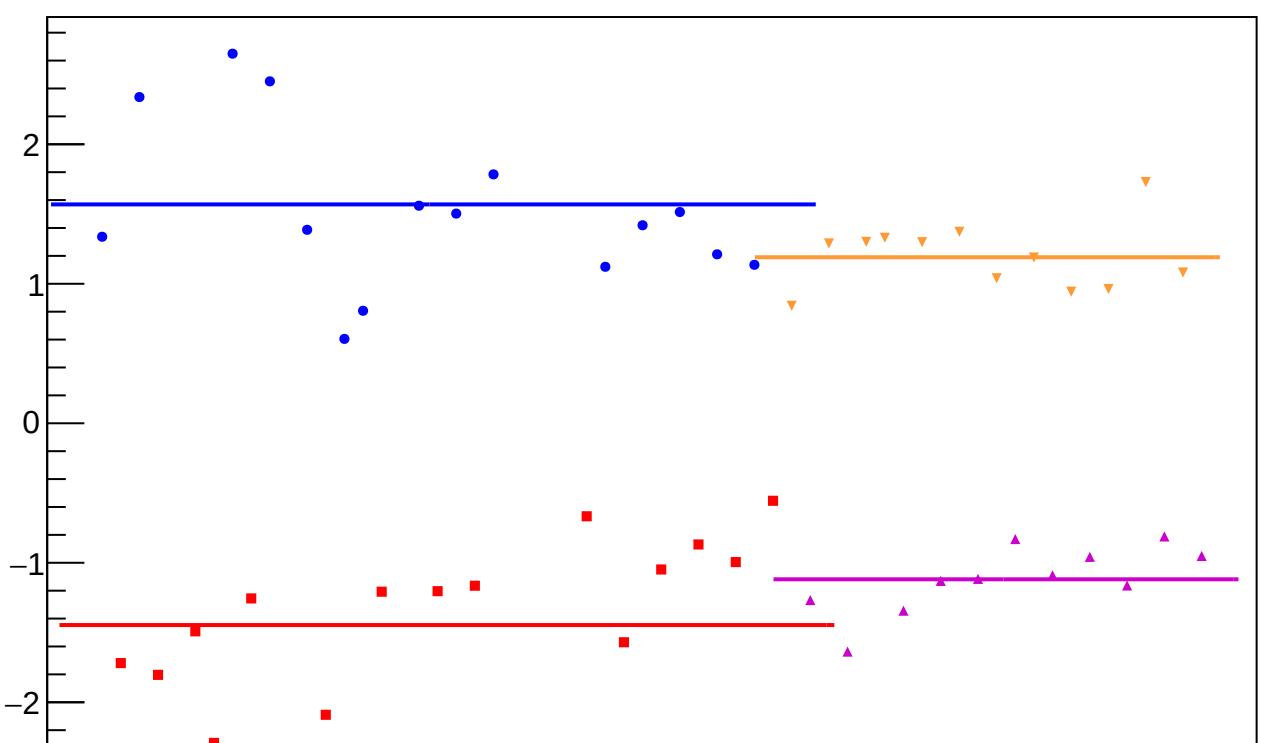
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.884+/-0.000 χ^2/NDF:52843706660567935

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.411+/-0.000 χ^2/NDF: 1105507050353

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.030+/-0.000 χ^2/NDF: 25487304289291096

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.190+/-0.000 χ^2/NDF:507458229360322173361448141455 36.0/11

In: -0.010+/-0.000 χ^2/NDF:29652626346543586

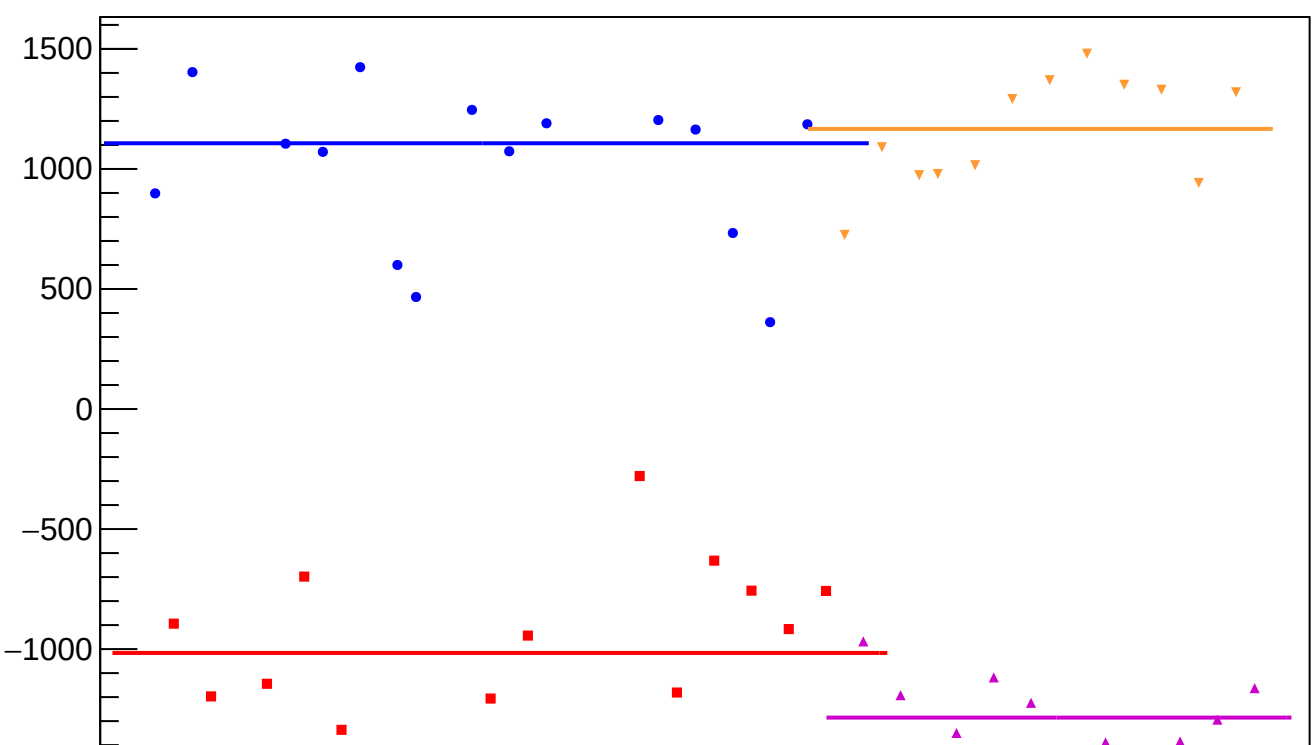
Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

Out: 0.078+/-0.000 χ^2/NDF:292745199805556393

Left In: -1.118+/-0.000 χ^2/NDF:489734969957234809118013658234 88.0/10

All: 0.034+/-0.000 χ^2/NDF: 5898755931617

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

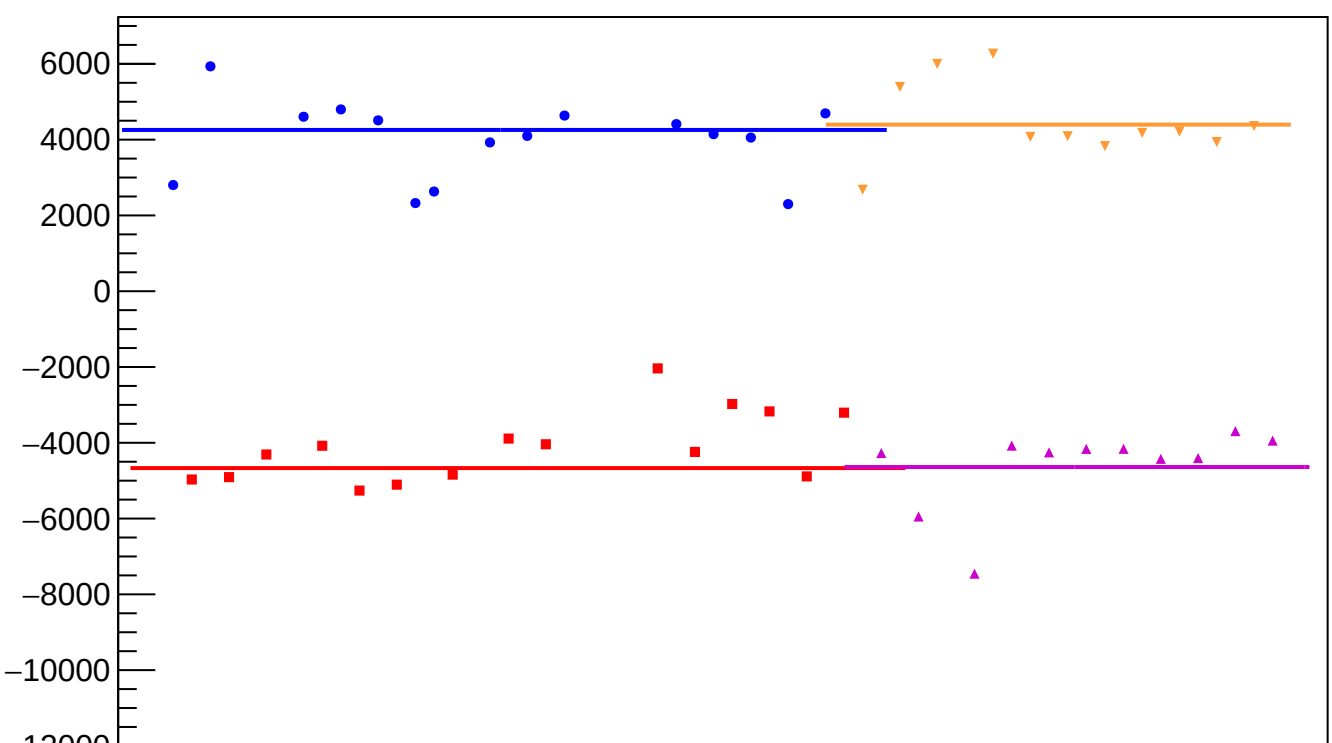
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -318.161+/-0.000 χ^2/NDF: 379100111885942

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

In: -969.372+/-0.000 χ^2/NDF:317287776834937 5

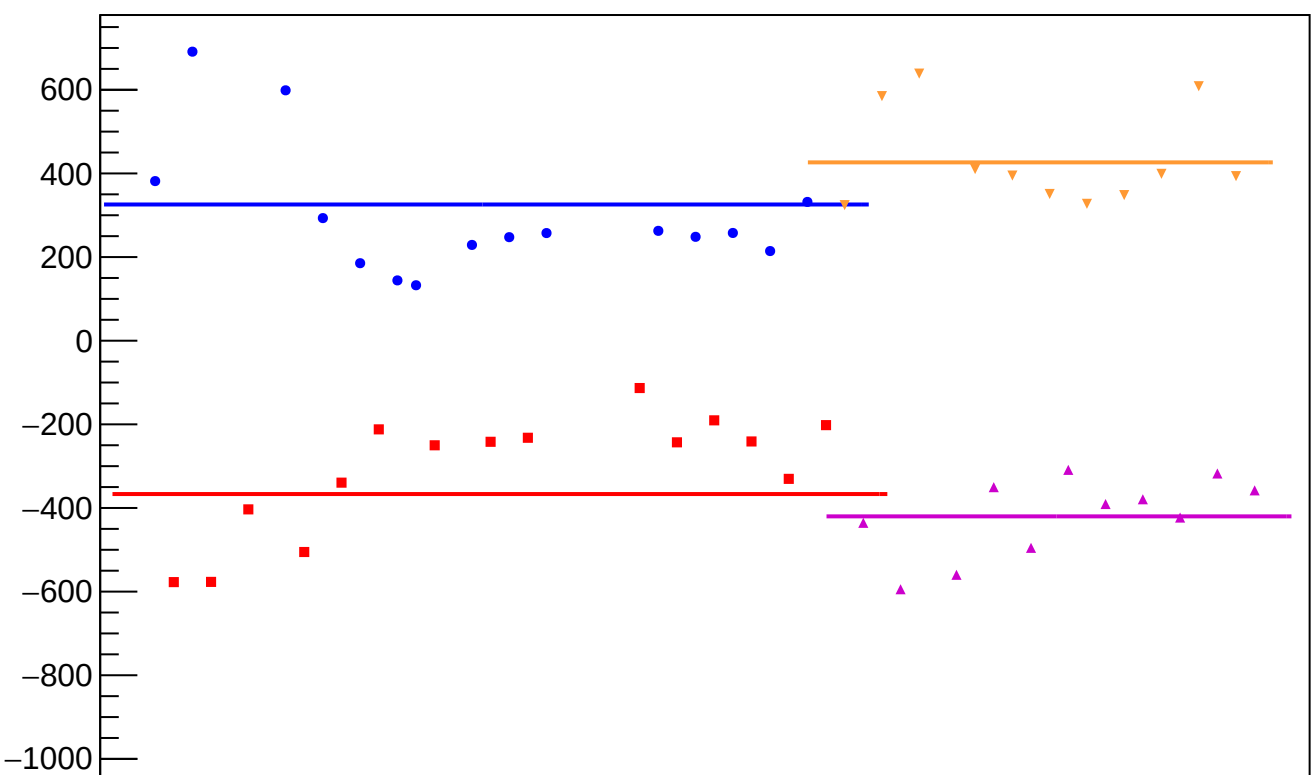
Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: 403.111+/-0.000 χ^2/NDF:3462774375230397

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -296.246+/-0.000 χ^2/NDF: 6780974389 3

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

Left: -15.211+/-0.000 χ^2/NDF: 3339353872330959

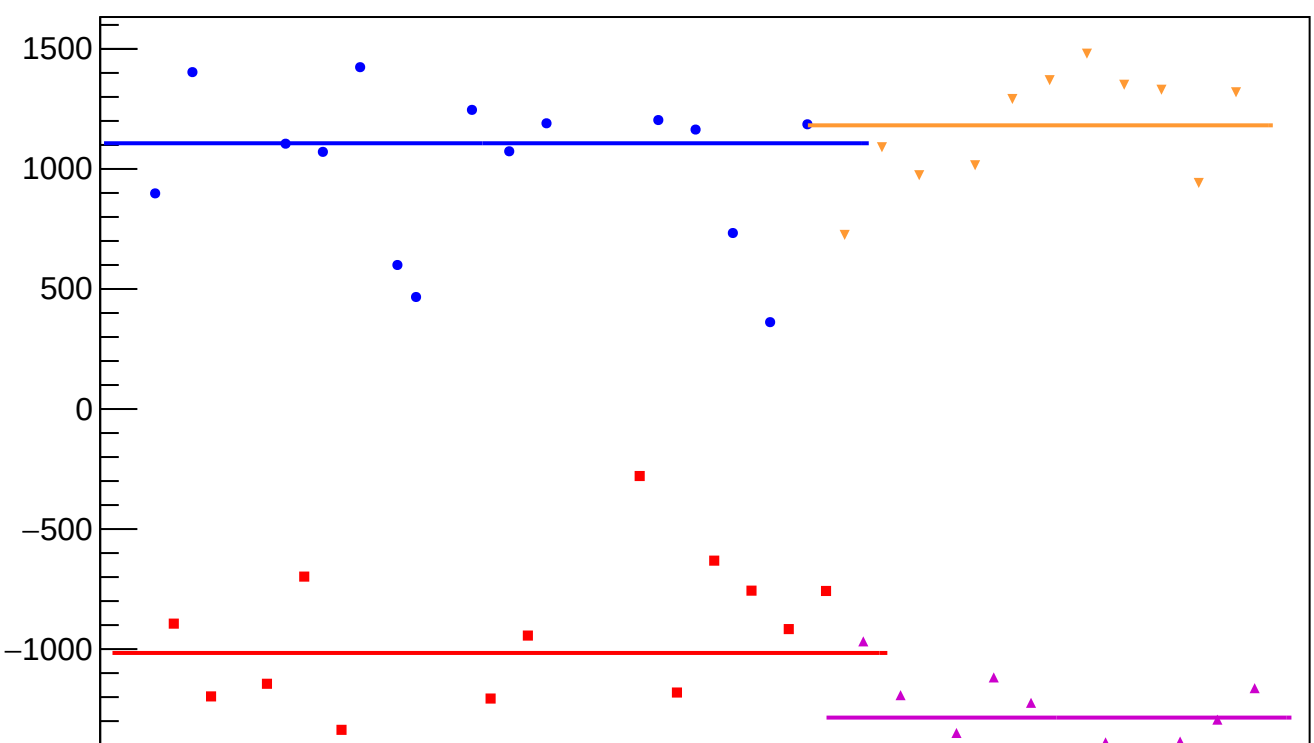
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 77.029+/-0.000 χ^2/NDF:2763927476523588 4

All: -19.474+/-0.000 χ^2/NDF: 538446931474

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -105.453+/-0.000 χ^2/NDF: 275581291950548

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

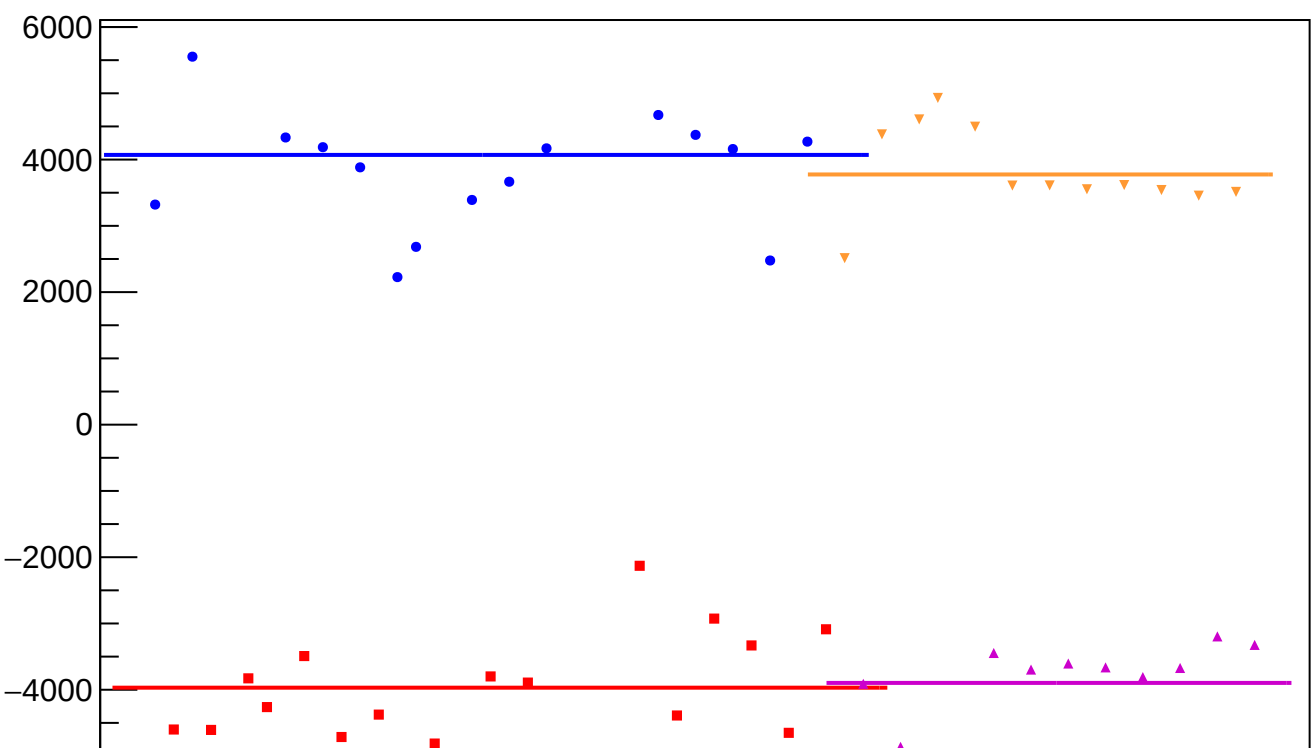
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 213.458+/-0.000 χ^2/NDF:1917151568298922

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

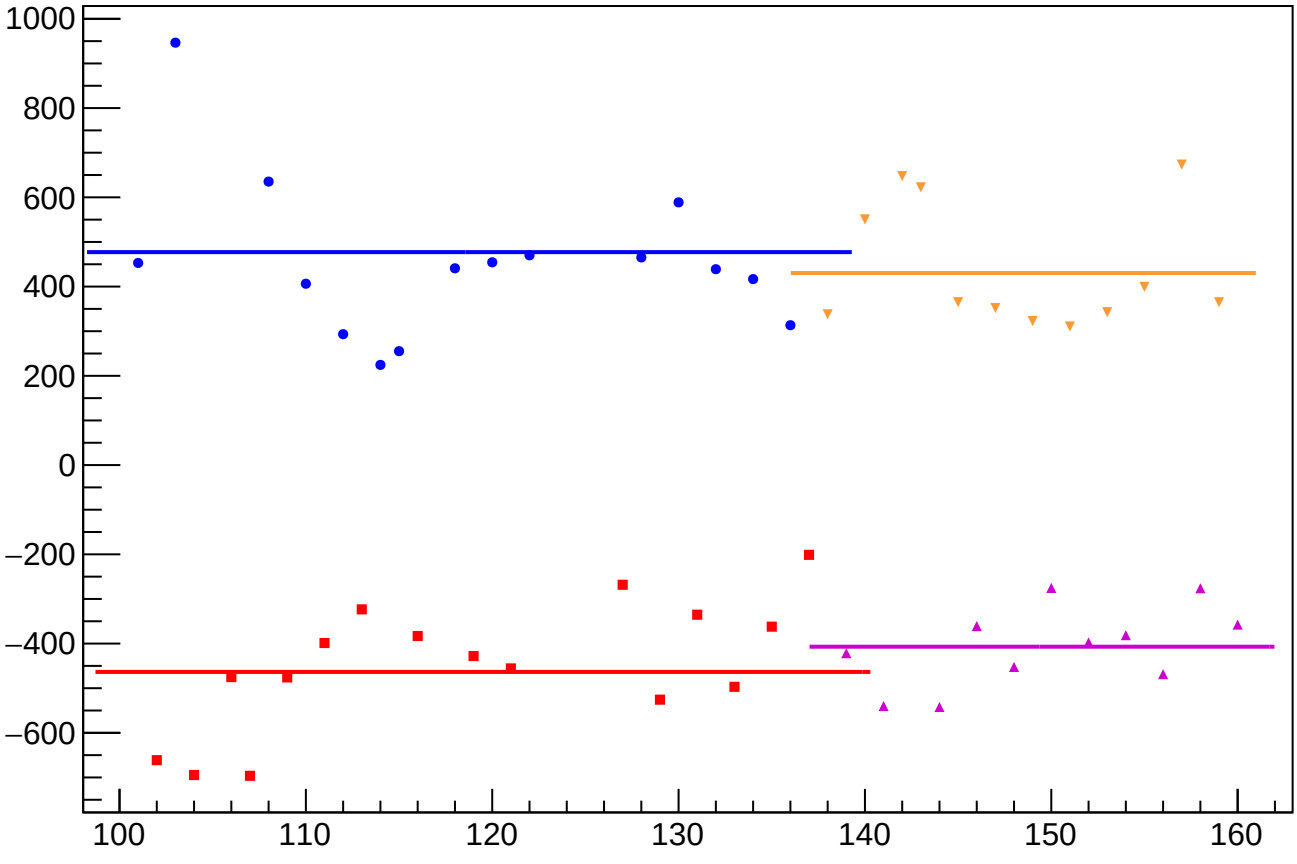
All: -47.303+/-0.000 χ^2/NDF: 436585203886

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -81.515+/-0.000 χ^2/NDF: 2780391490195932
Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721
Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720 90368.0/11
In: -609.591+/-0.000 χ^2/NDF:2495492786013162
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948 84608.0/15
Out: 508.311+/-0.000 χ^2/NDF:2383013038851413
Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531 7888.0/10
All: -49.222+/-0.000 χ^2/NDF: 497704442491

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 9.420+/-0.000 χ^2/NDF: 344329492492659373

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964 5

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342 9

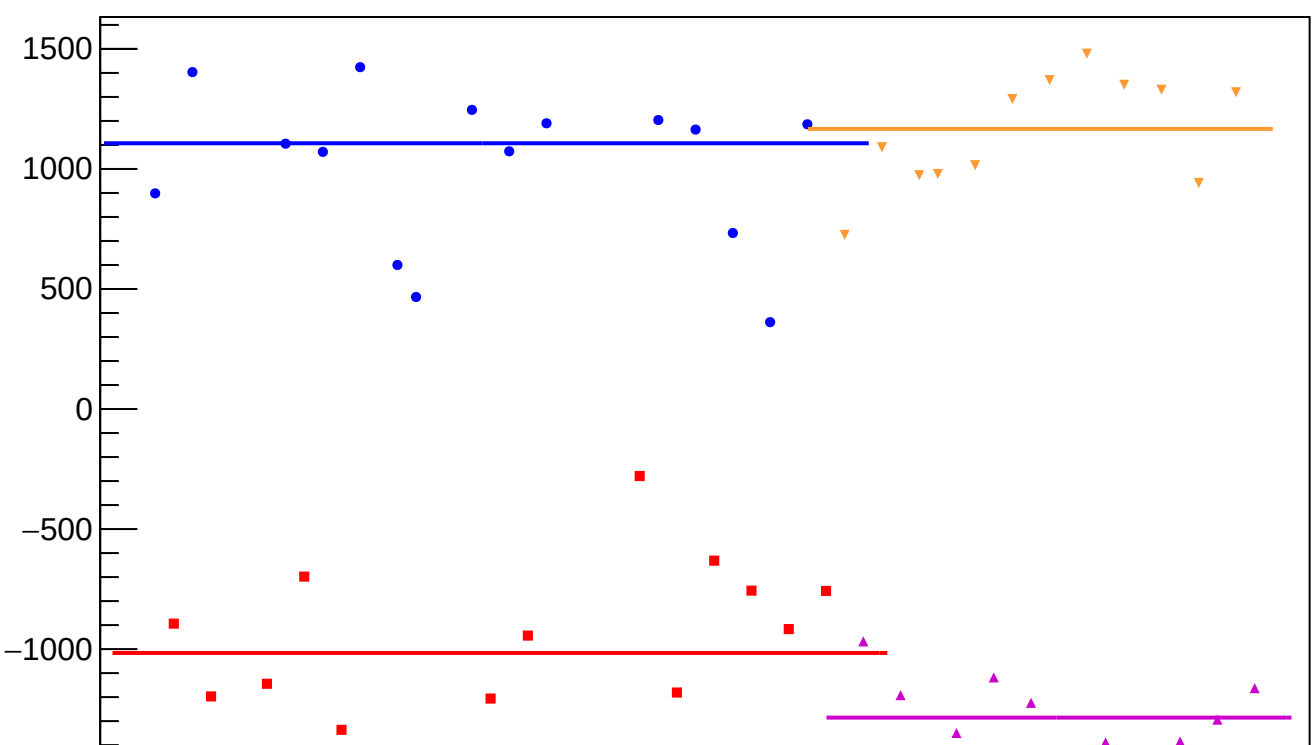
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: 53.263+/-0.000 χ^2/NDF:335798727770619 70

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

All: 5.658+/-0.000 χ^2/NDF: 6684867613361 8

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

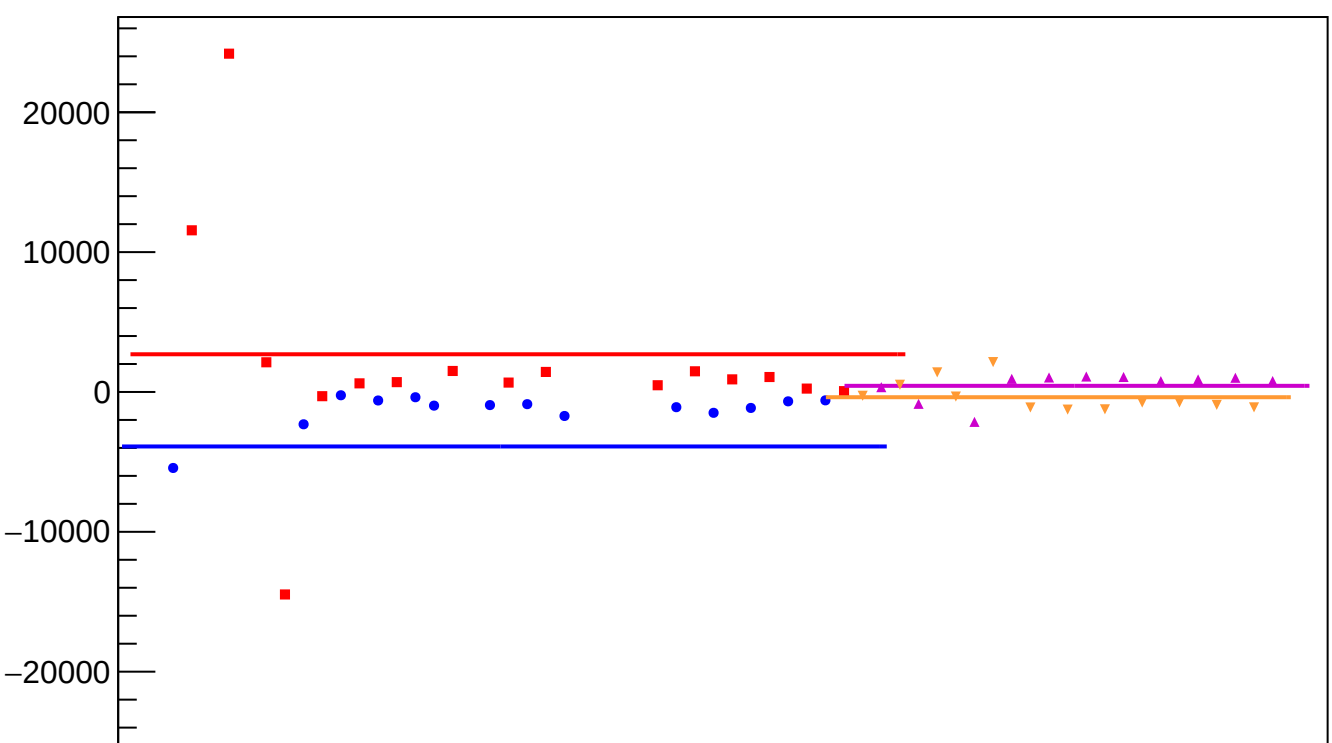
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

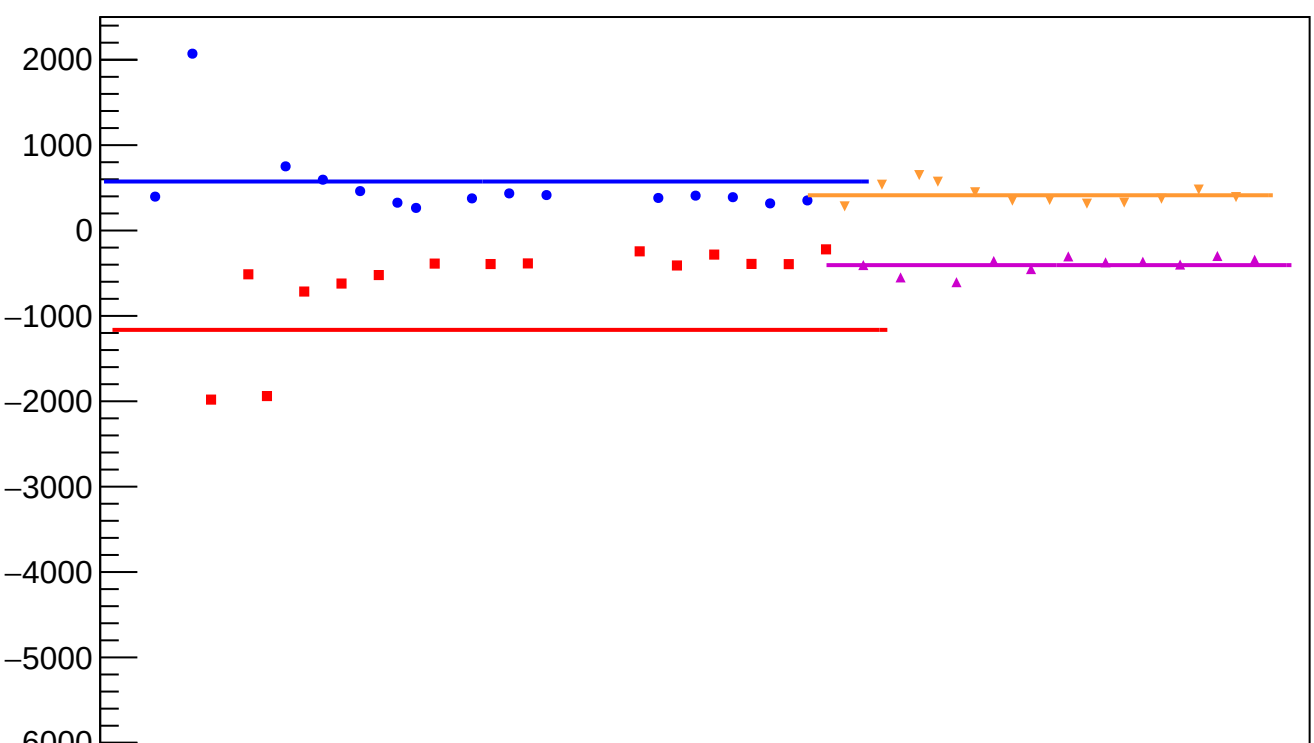
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl1_coil4_mean vs Slug, Sign Corrected



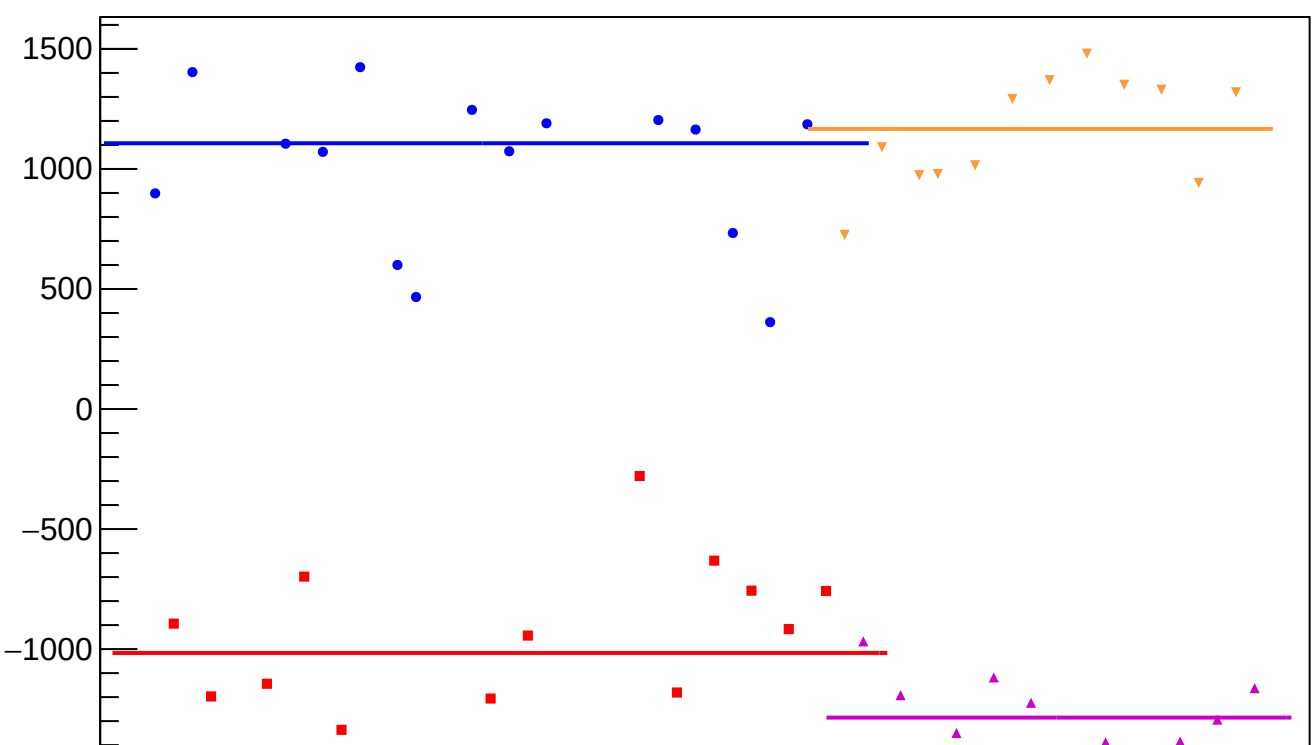
Left: 34.146+/-0.000 χ^2/NDF: 2184653590245034
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 920.357+/-0.000 χ^2/NDF:4541872793007468
Left In: 439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10
All: -211.749+/-0.000 χ^2/NDF: 9718813734 4

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 1.597+/-0.000 χ^2/NDF: 32522110250256488
Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877 4400.0/11
In: -1.272+/-0.000 χ^2/NDF:52590706013757462 0
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -252.175+/-0.000 χ^2/NDF:297119265978560
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -127.041+/-0.000 χ^2/NDF: 3546737232 5

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

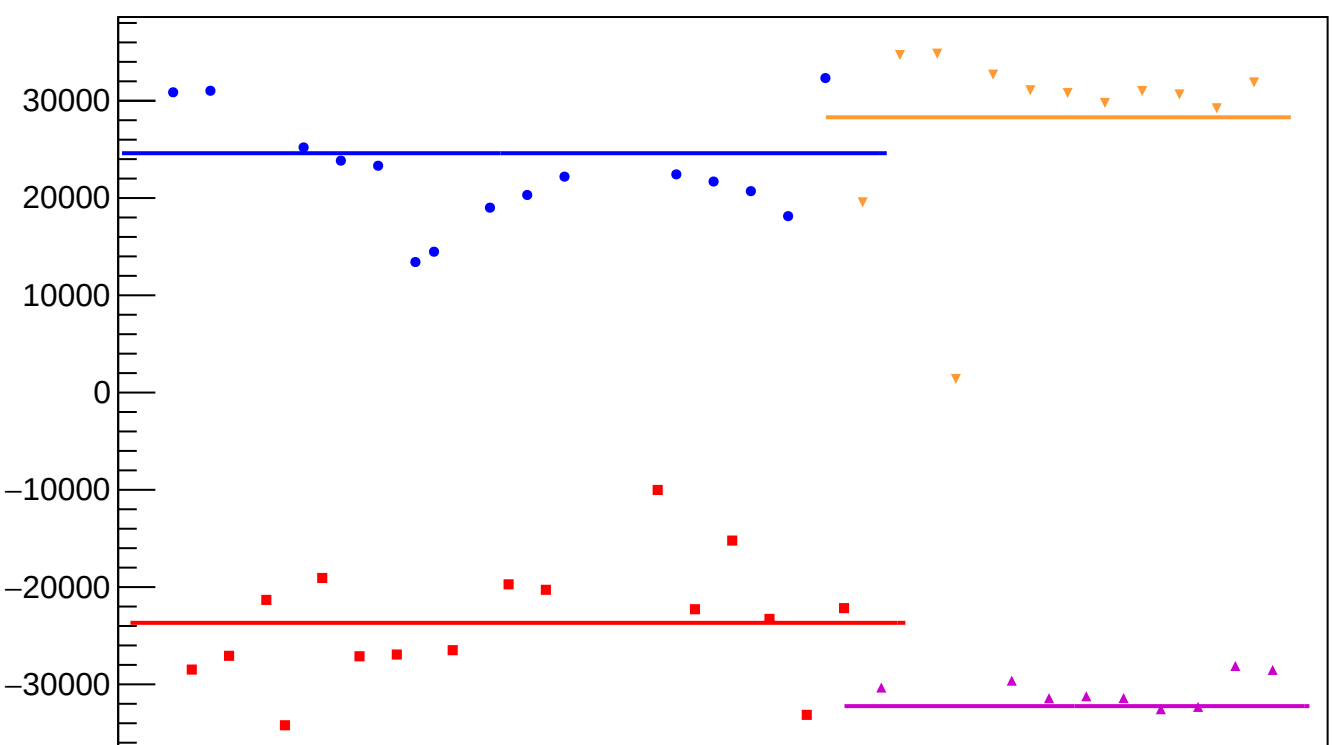
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -2133.166+/-0.000 χ^2/NDF: 17608276129881

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 28302.359+/-0.000 χ^2/NDF:647439605765260731478527893268239346565 12.0/11

In: -8784.508+/-0.000 χ^2/NDF:126151138901902

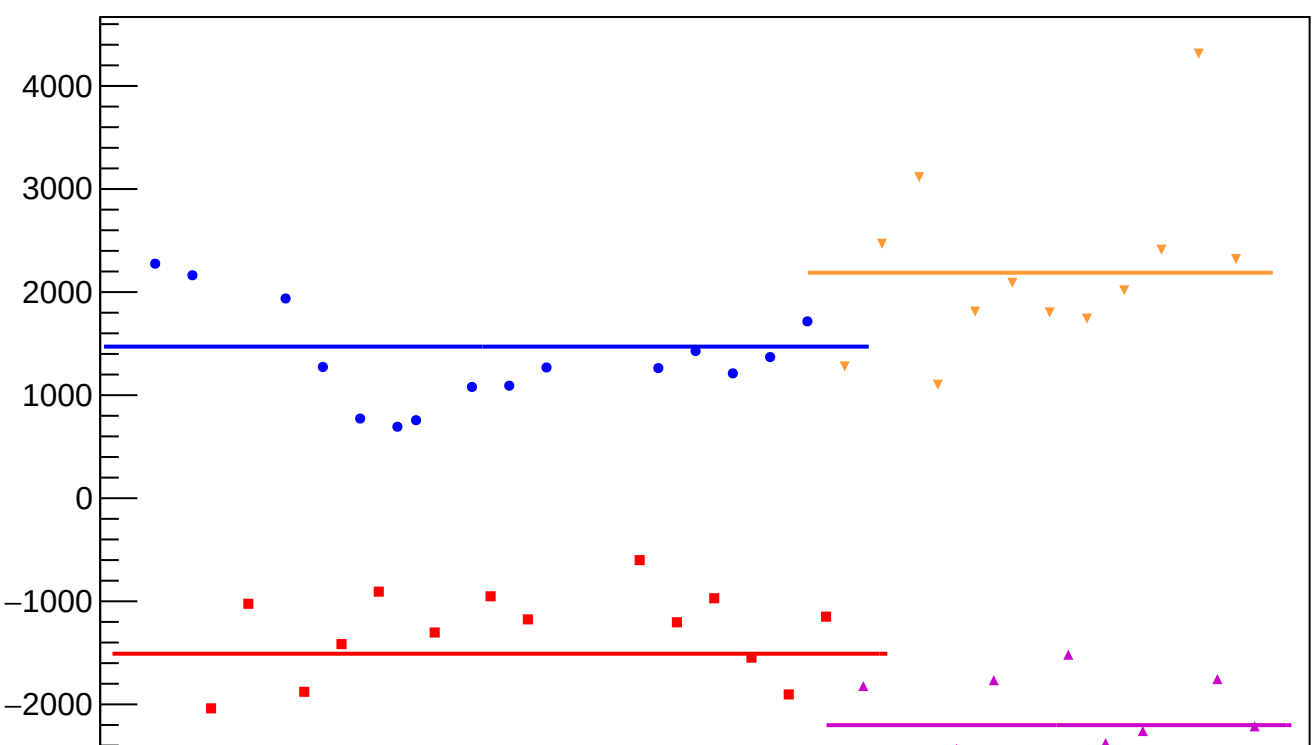
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: 6374.346+/-0.000 χ^2/NDF:113128775072899

Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10

All: -1185.856+/-0.000 χ^2/NDF: 2573988051

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

Left: -18.662+/-0.000 χ^2/NDF: 9604851757835687

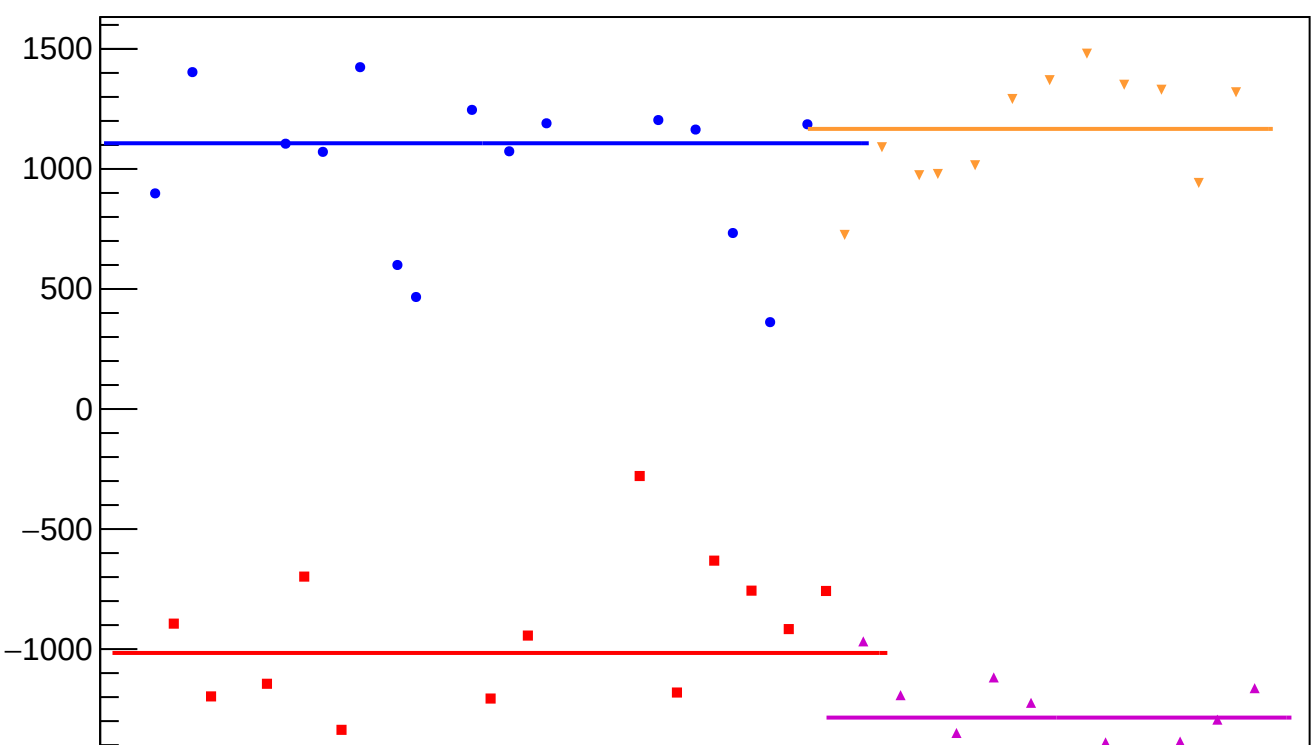
Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

Out: 628.599+/-0.000 χ^2/NDF:6113094829757836

All: -27.171+/-0.000 χ^2/NDF: 129146441419

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

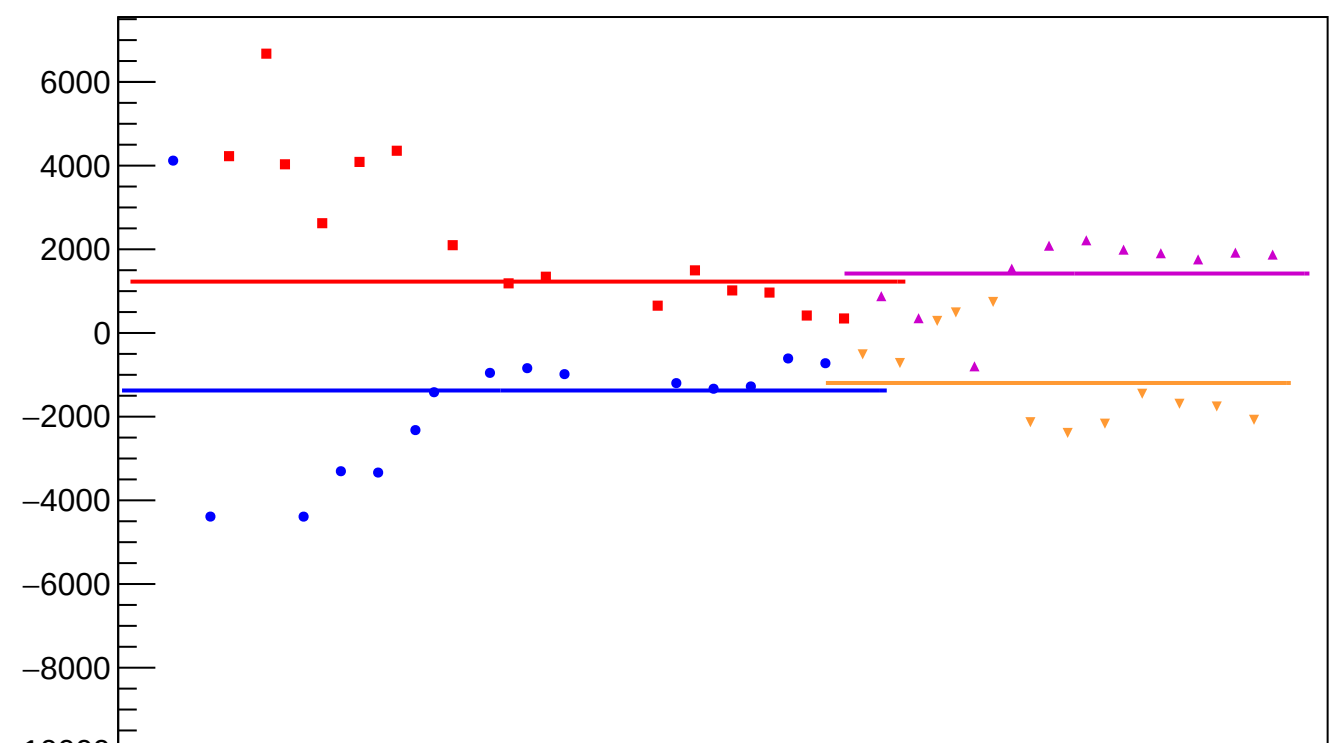
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 120.030+/-0.000 χ^2/NDF: 4904926728039627

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11

In: 267.494+/-0.000 χ^2/NDF:67996212905624210

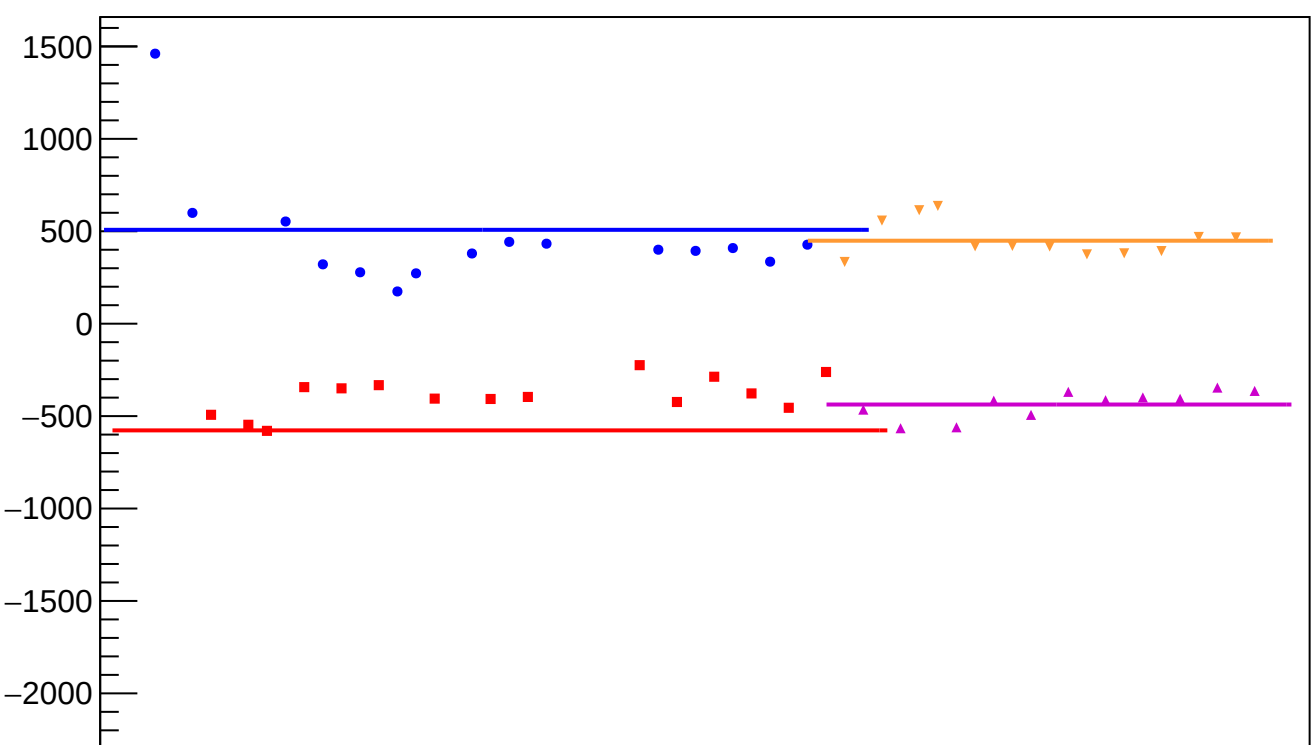
Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -172.811+/-0.000 χ^2/NDF:143918754957920

Left In: 1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

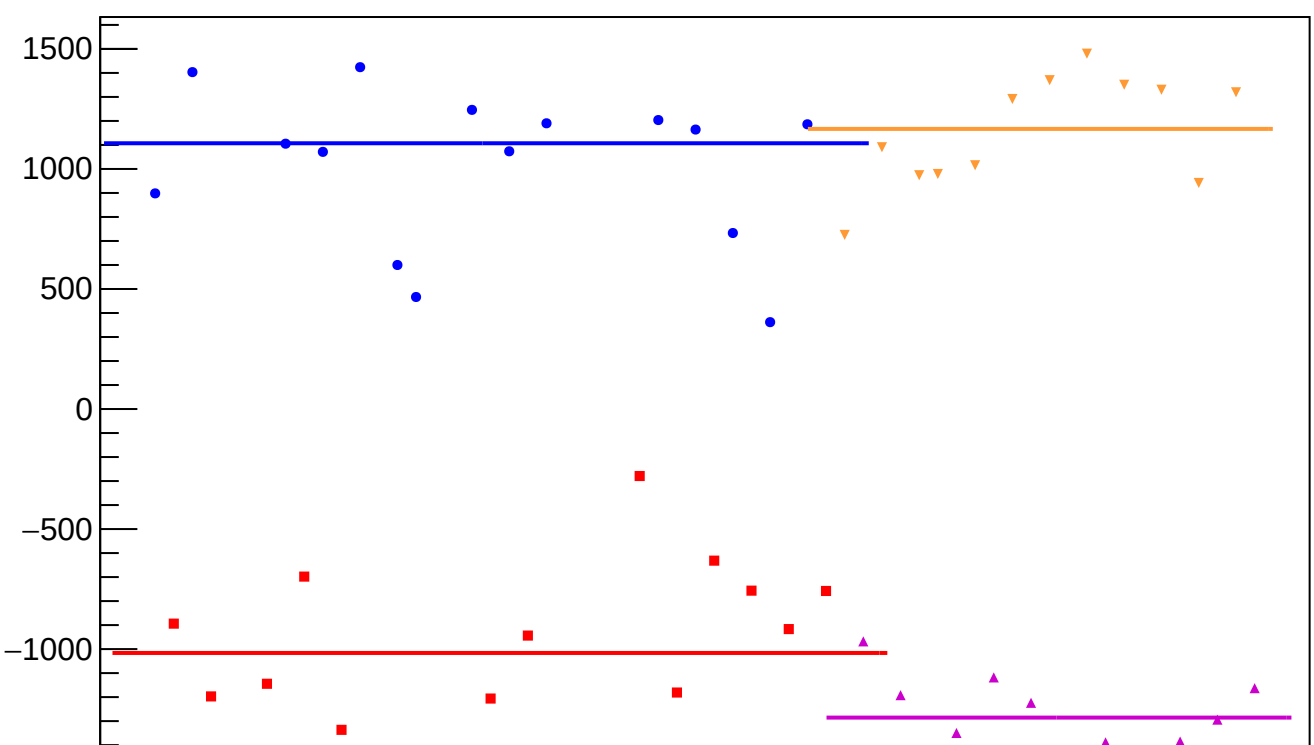
All: 46.783+/-0.000 χ^2/NDF: 2134436142325

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 3.384+/-0.000 χ^2/NDF: 372721142857858509
Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14
Right: -42.141+/-0.000 χ^2/NDF: 692705775128653
Left Out: 448.905+/-0.000 χ^2/NDF:697244496904172592974411149414812876 8.0/11
In: -47.369+/-0.000 χ^2/NDF:40955291948460460
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15
Out: 15.985+/-0.000 χ^2/NDF:6542986018799037 5
Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10
All: -15.611+/-0.000 χ^2/NDF: 106701634148

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

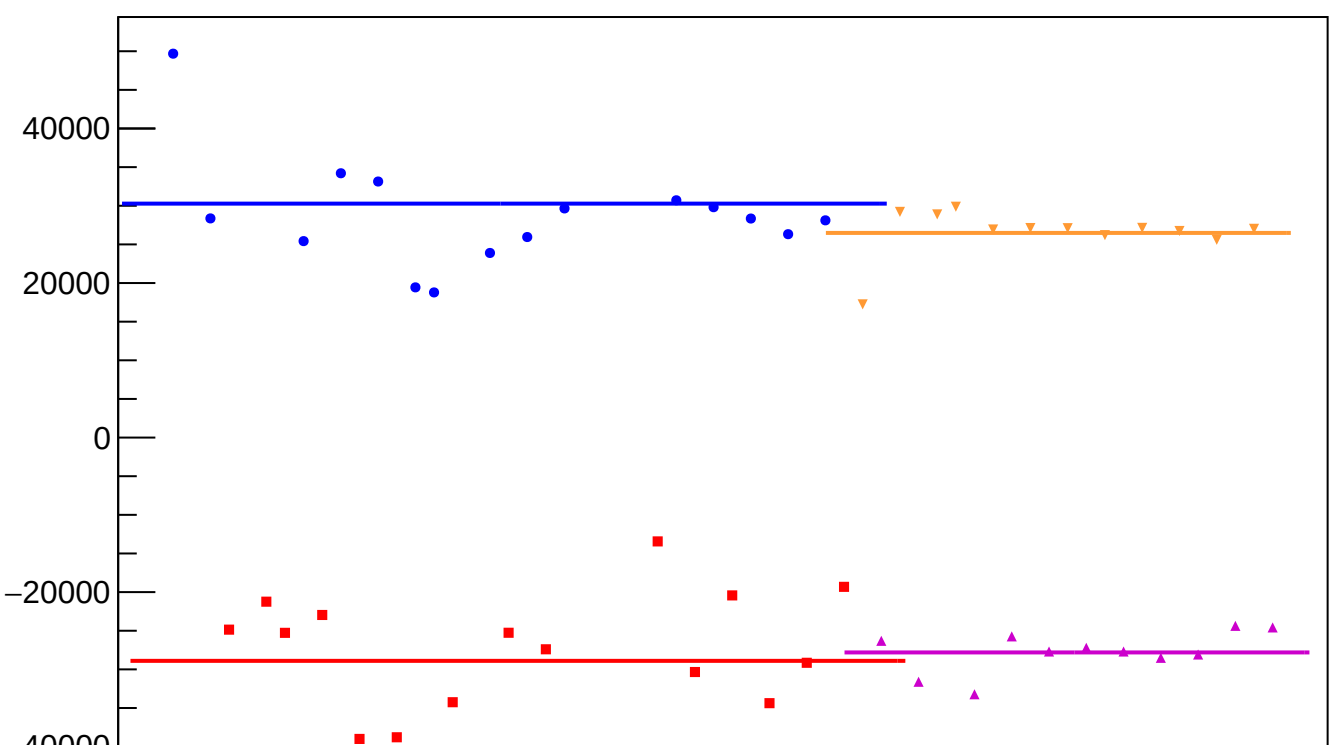
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr2_coil4_mean vs Slug, Sign Corrected



Left: -807.954+/-0.000 χ^2/NDF: 136920382018106

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 122974265906167

Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11

In: -3842.144+/-0.000 χ^2/NDF:132338595511608

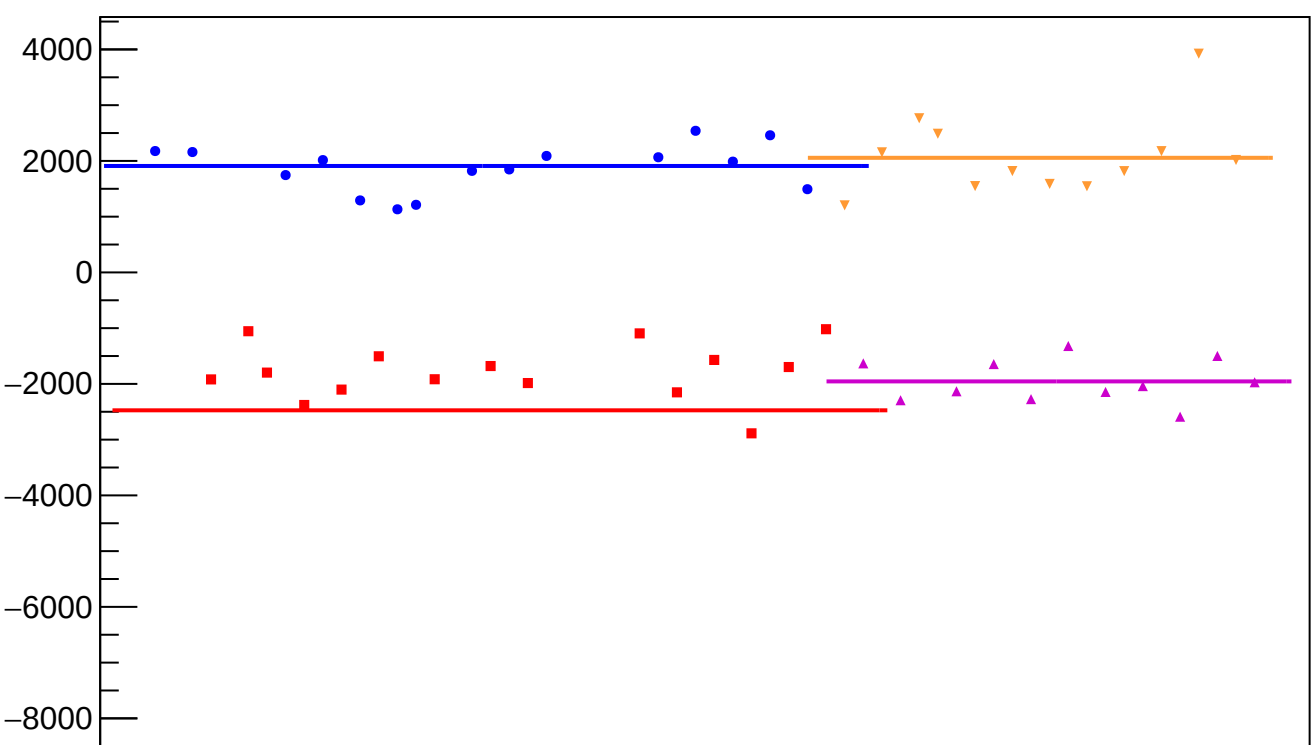
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 3121.457+/-0.000 χ^2/NDF:123824278408227

Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

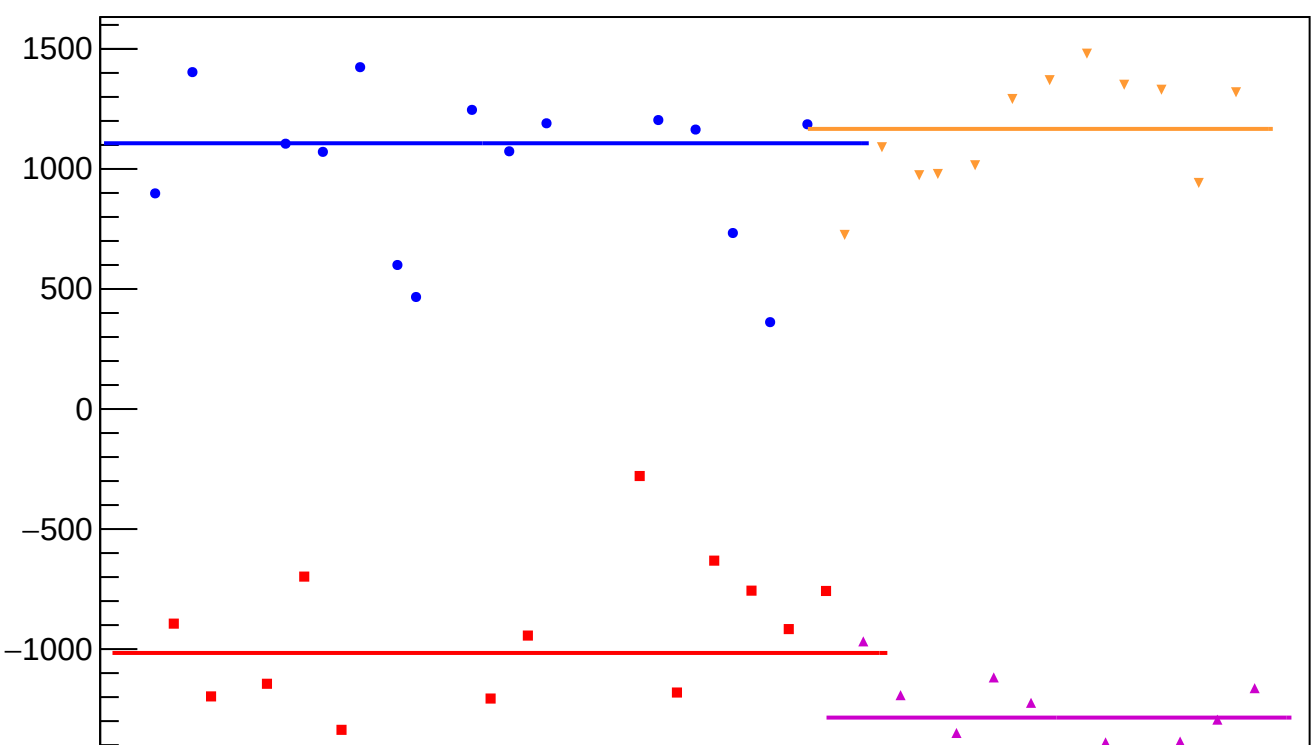
All: -351.512+/-0.000 χ^2/NDF: 25998642244

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 39.326+/-0.000 χ^2/NDF: 7957562789536415
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
Out: 144.749+/-0.000 χ^2/NDF:113840153379649 7
Left In: -1955.312+/-0.000 χ^2/NDF:126909052383838166035294082177347616768.0/10
All: -107.368+/-0.000 χ^2/NDF: 17494221106

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

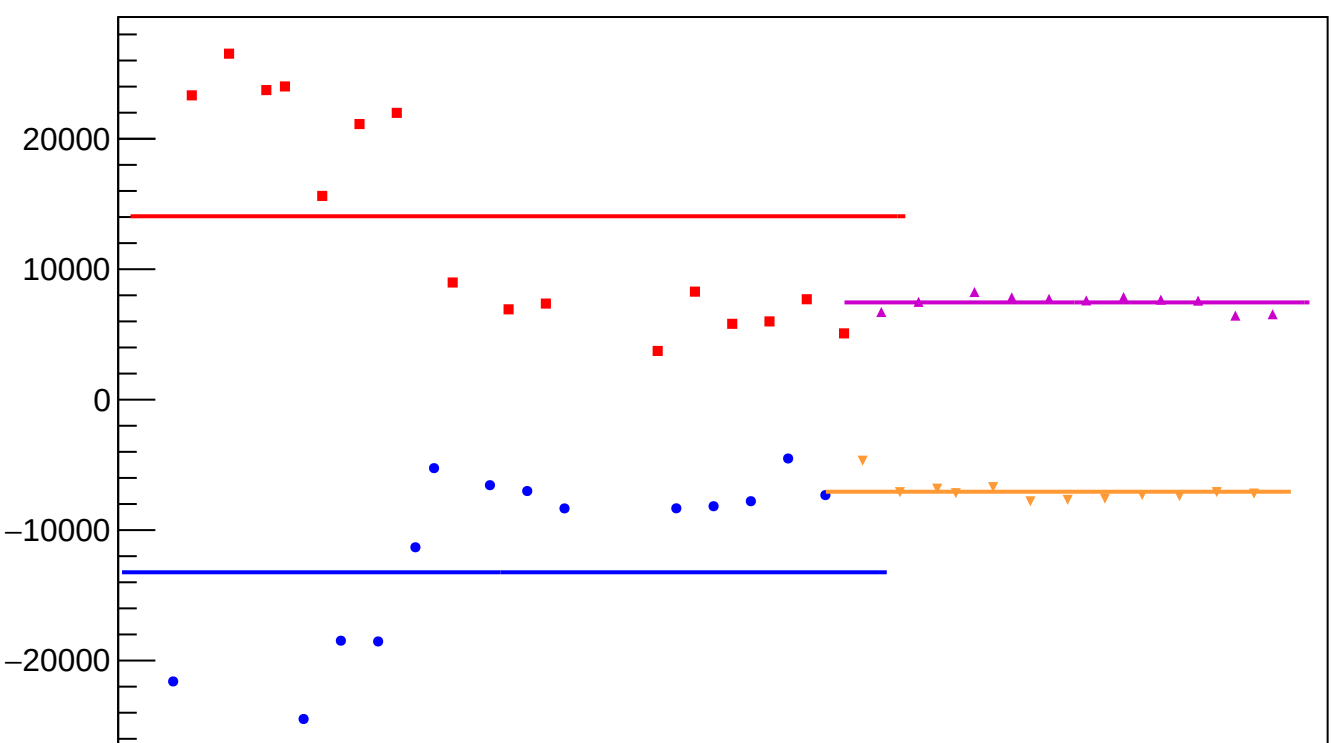
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 238.790+/-0.000 χ^2/NDF: 9764033800523105

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

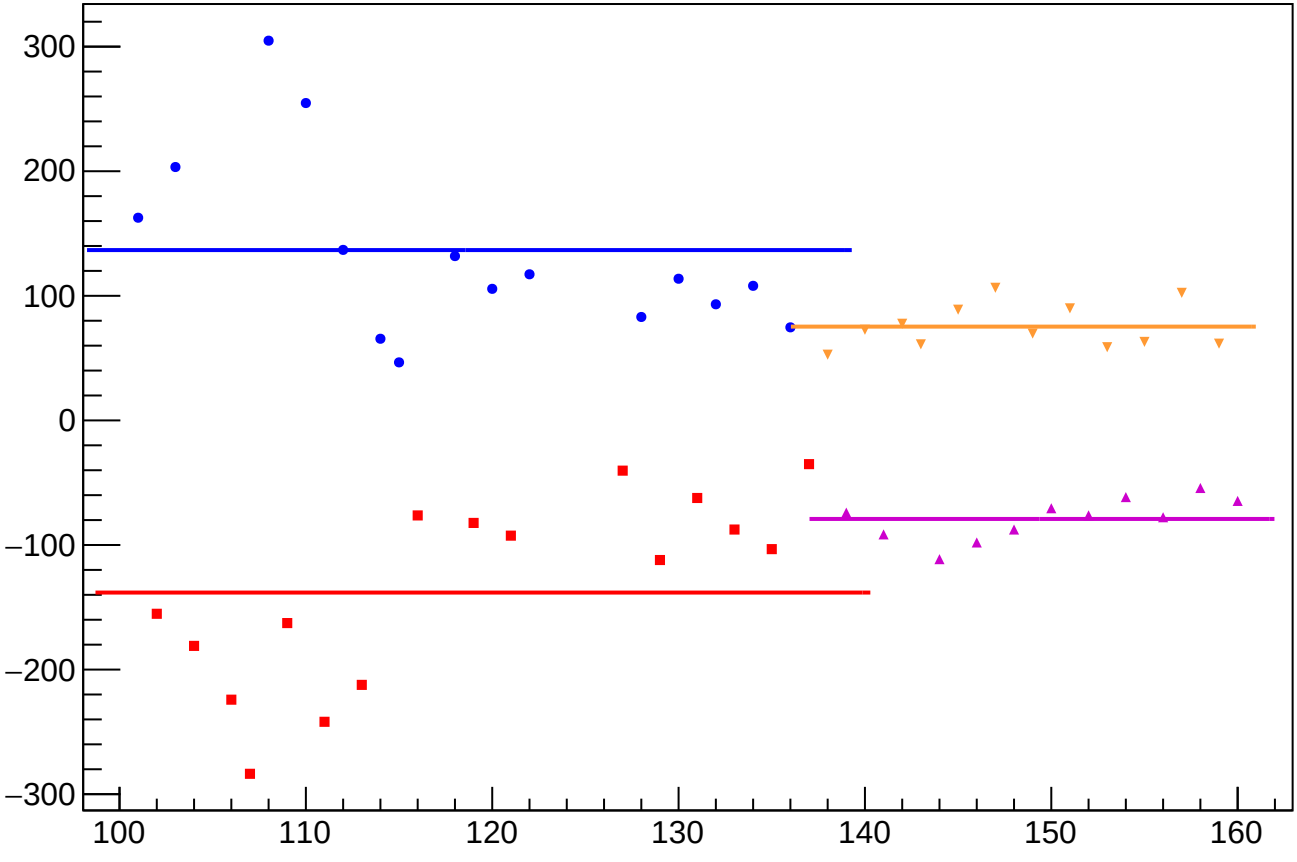
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1851.692+/-0.000 χ^2/NDF:217018548162785

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.515+/-0.000 χ^2/NDF: 42852532173 5

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -2.328+/-0.000 χ^2/NDF: 11465996409891891

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

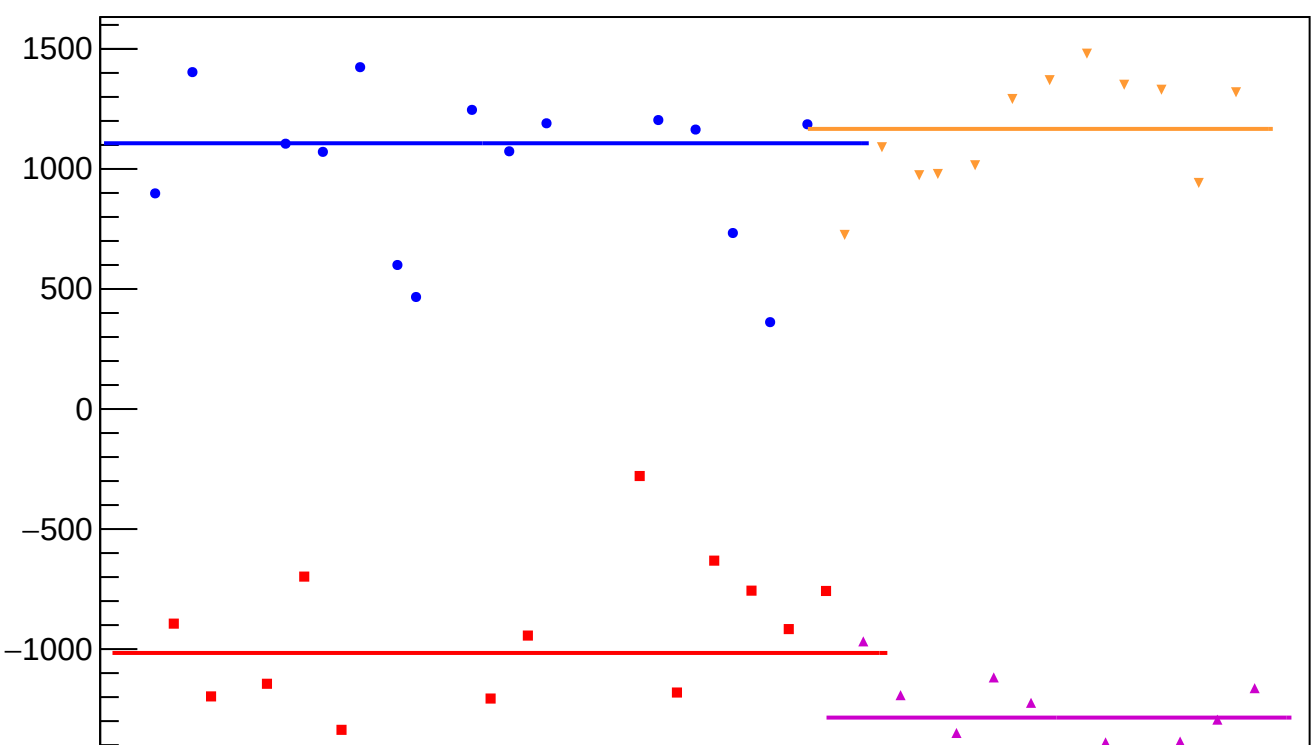
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.775+/-0.000 χ^2/NDF:2107233052694088

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.448+/-0.000 χ^2/NDF: 4224006616846

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

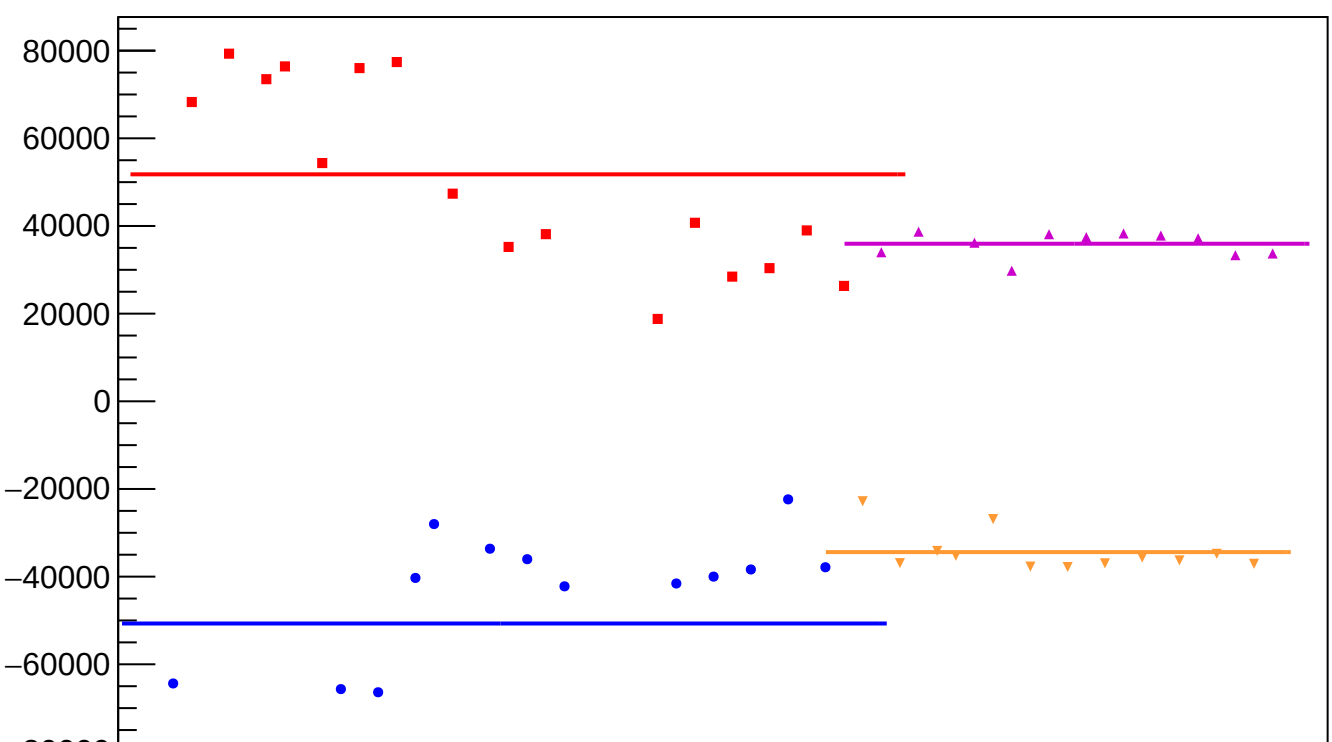
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: 963.890+/-0.000 χ^2/NDF: 2299689310411856

Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

In: 200.989+/-0.000 χ^2/NDF:30951900584449410

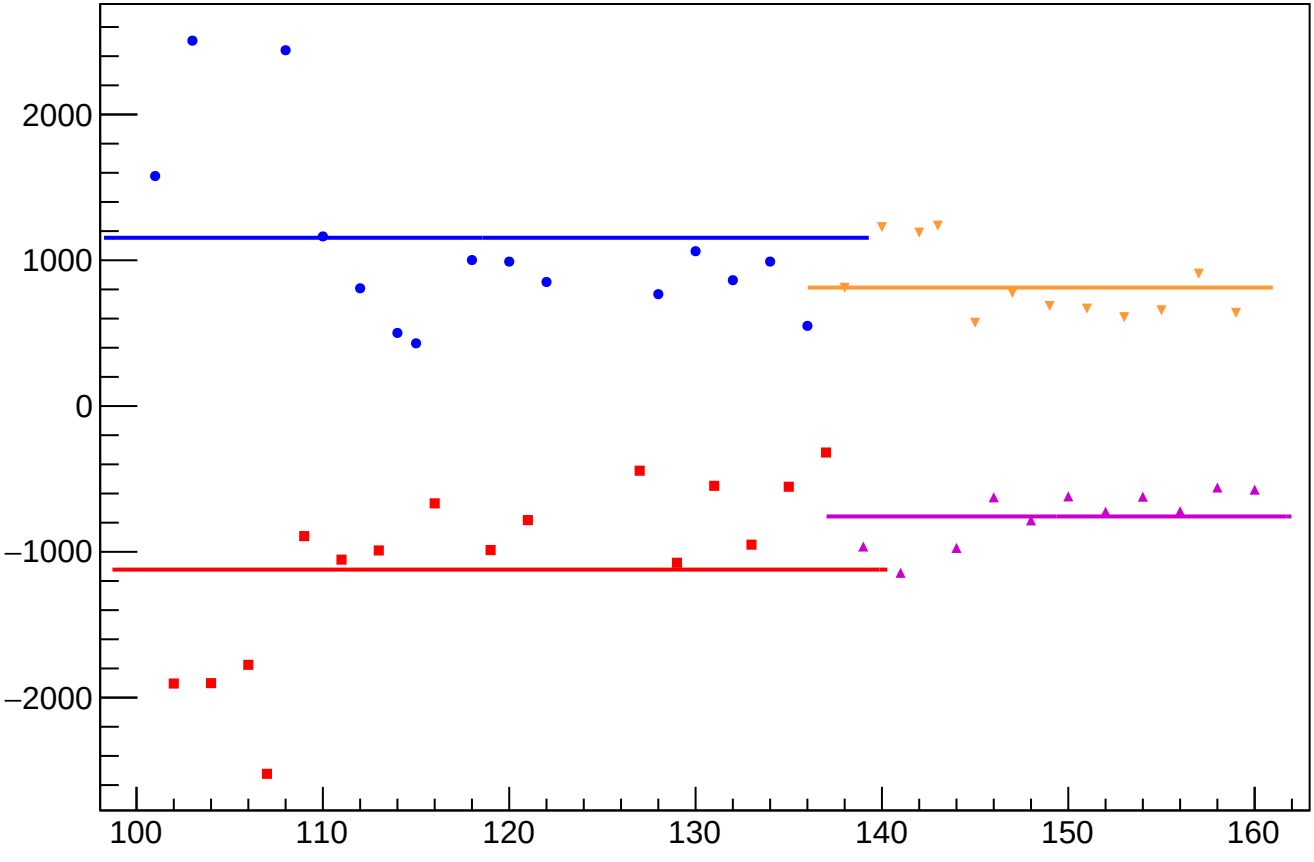
Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 1956.998+/-0.000 χ^2/NDF:316504805338211

Left In: 35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

All: 1081.220+/-0.000 χ^2/NDF: 6262669489

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 23.438+/-0.000 χ^2/NDF: 1212663620352067

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946673120 0.0/14

Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3

Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11

In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97

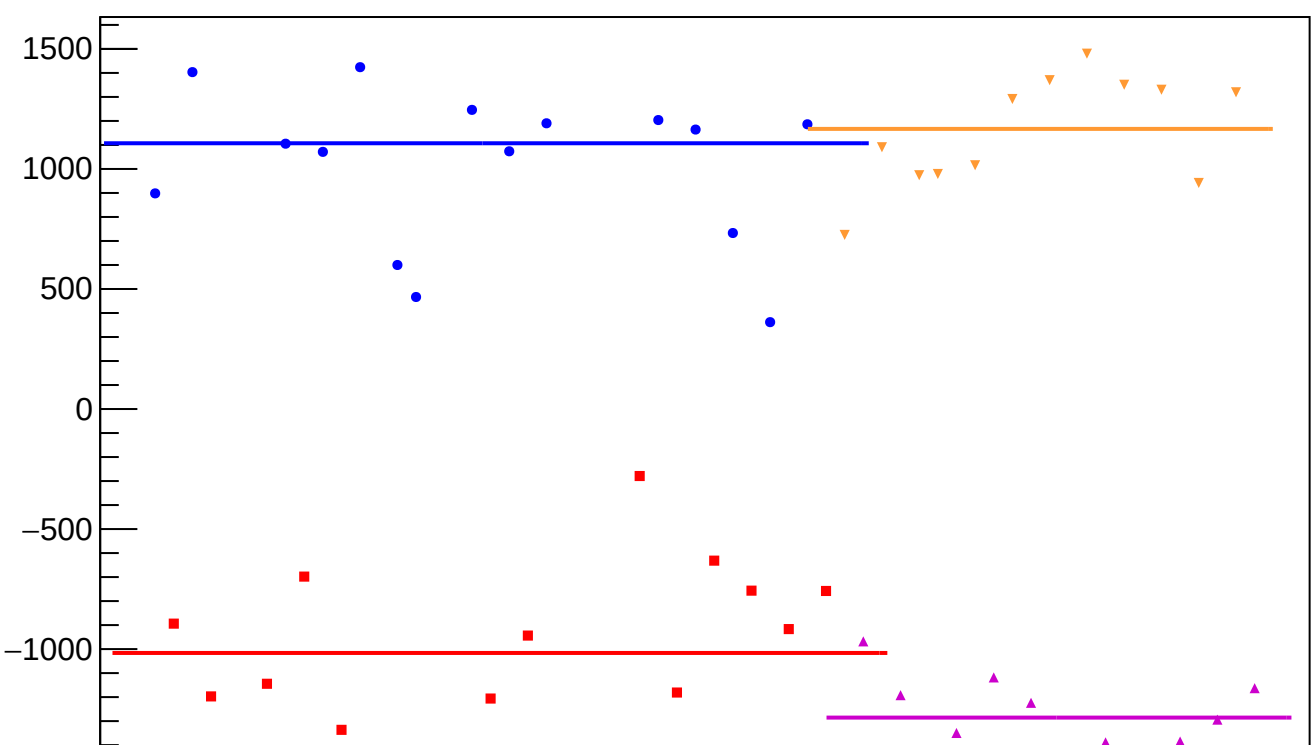
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

Out: -3.453+/-0.000 χ^2/NDF:1718368472550401 6

Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

All: 13.922+/-0.000 χ^2/NDF: 3392848168342

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

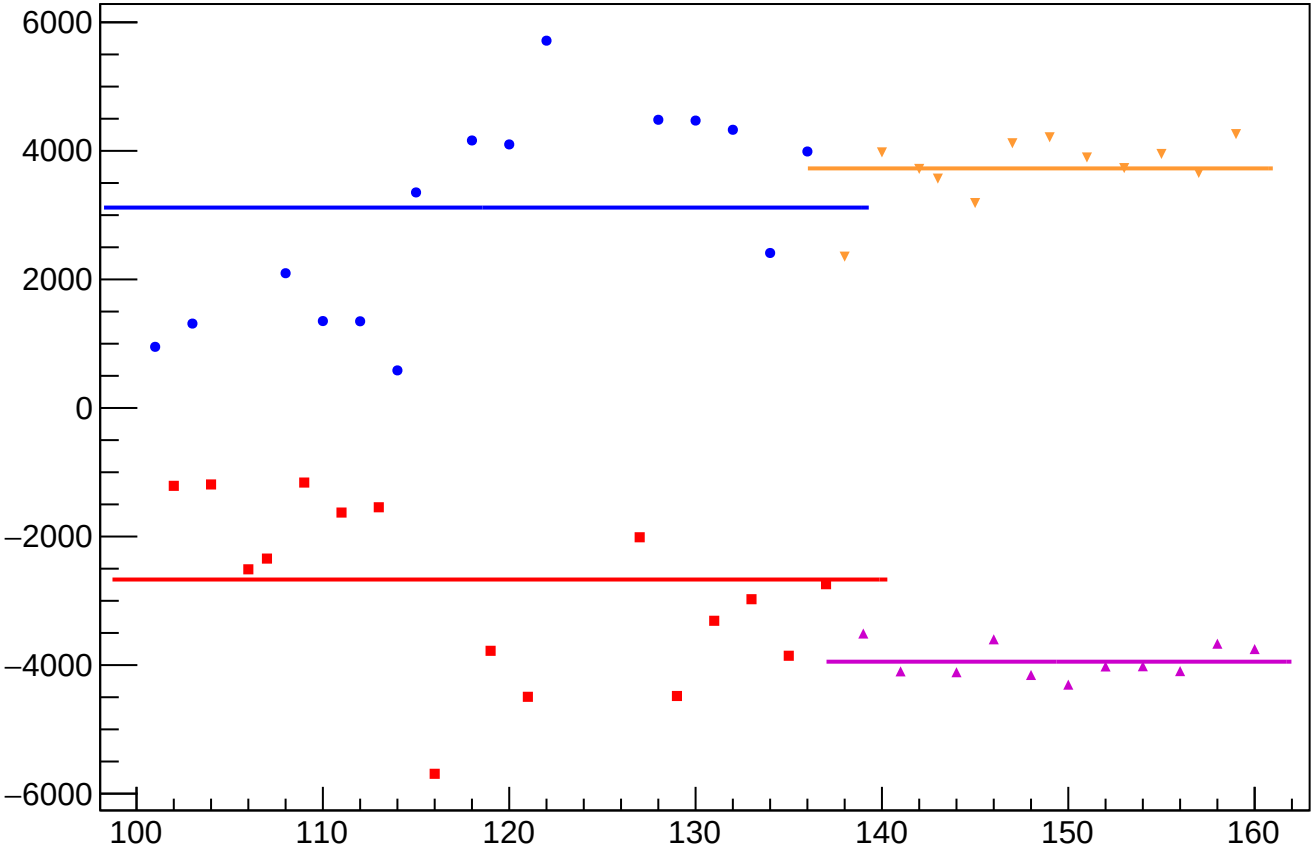
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

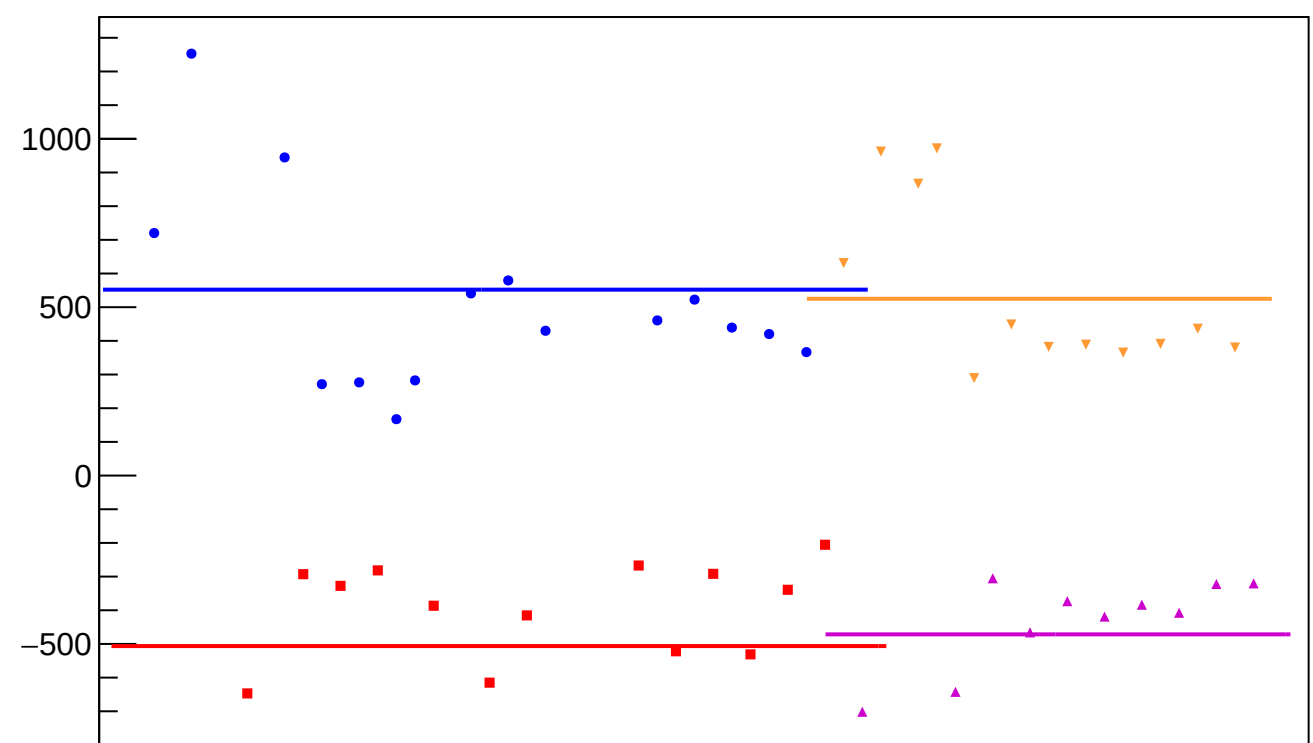
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -130.852+/-0.000 χ^2/NDF: 273547154777802
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857141 76.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1028.766+/-0.000 χ^2/NDF:171478919512140
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4113519037694 5

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 24.011+/-0.000 χ^2/NDF: 5310992125582562

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

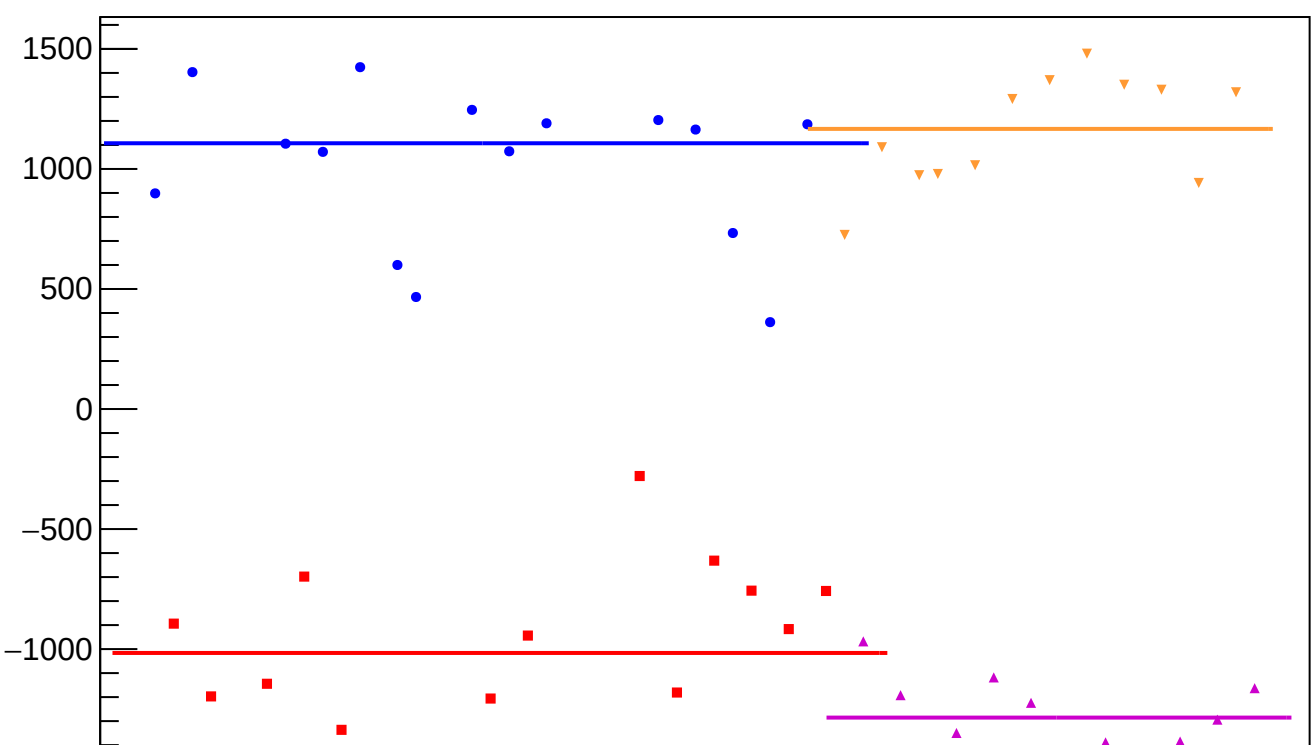
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.882+/-0.000 χ^2/NDF:4964451727515973 4

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.520+/-0.000 χ^2/NDF: 9875911626514

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

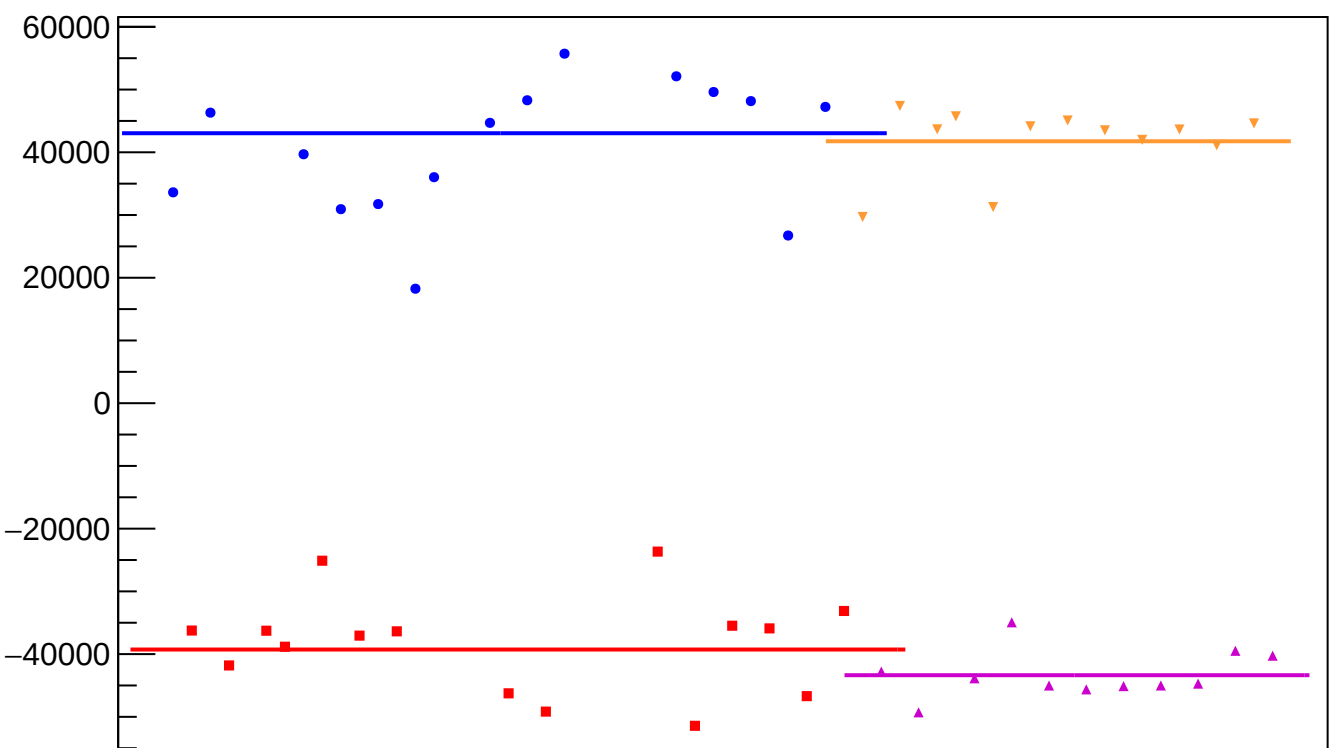
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

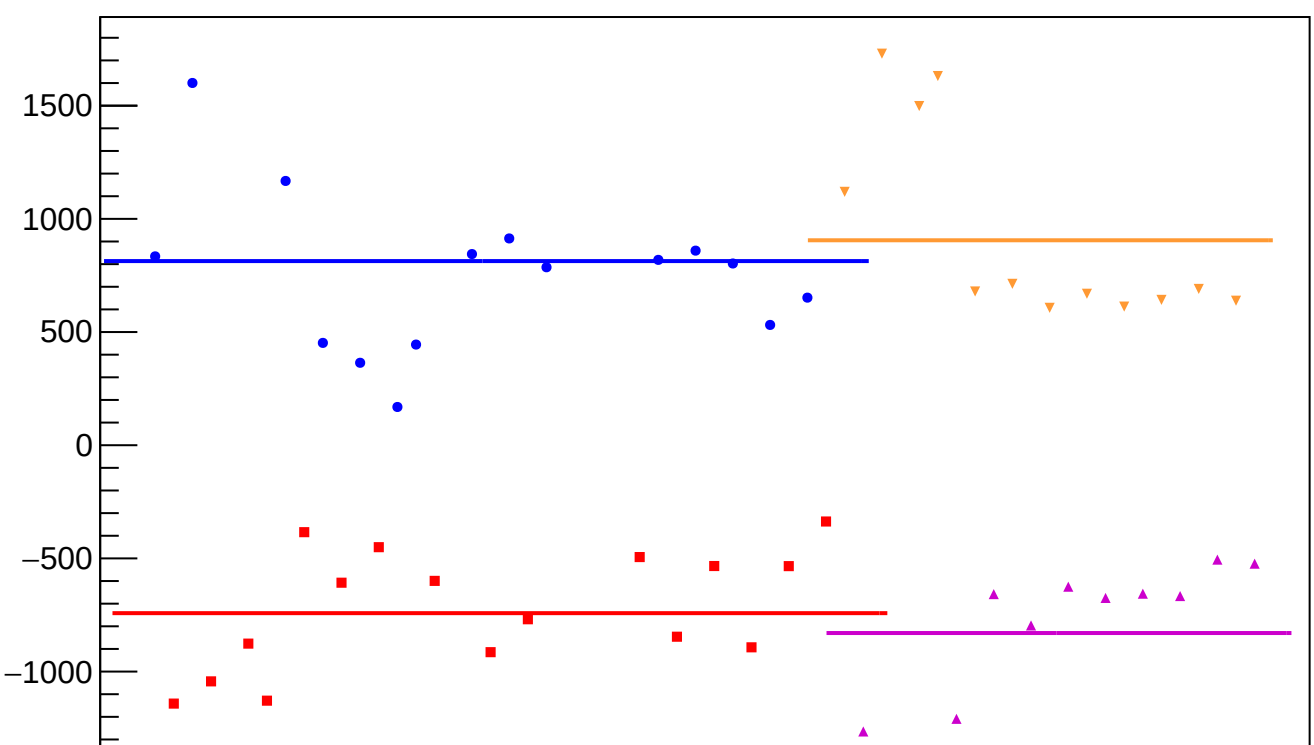
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam4_coil4_mean vs Slug, Sign Corrected



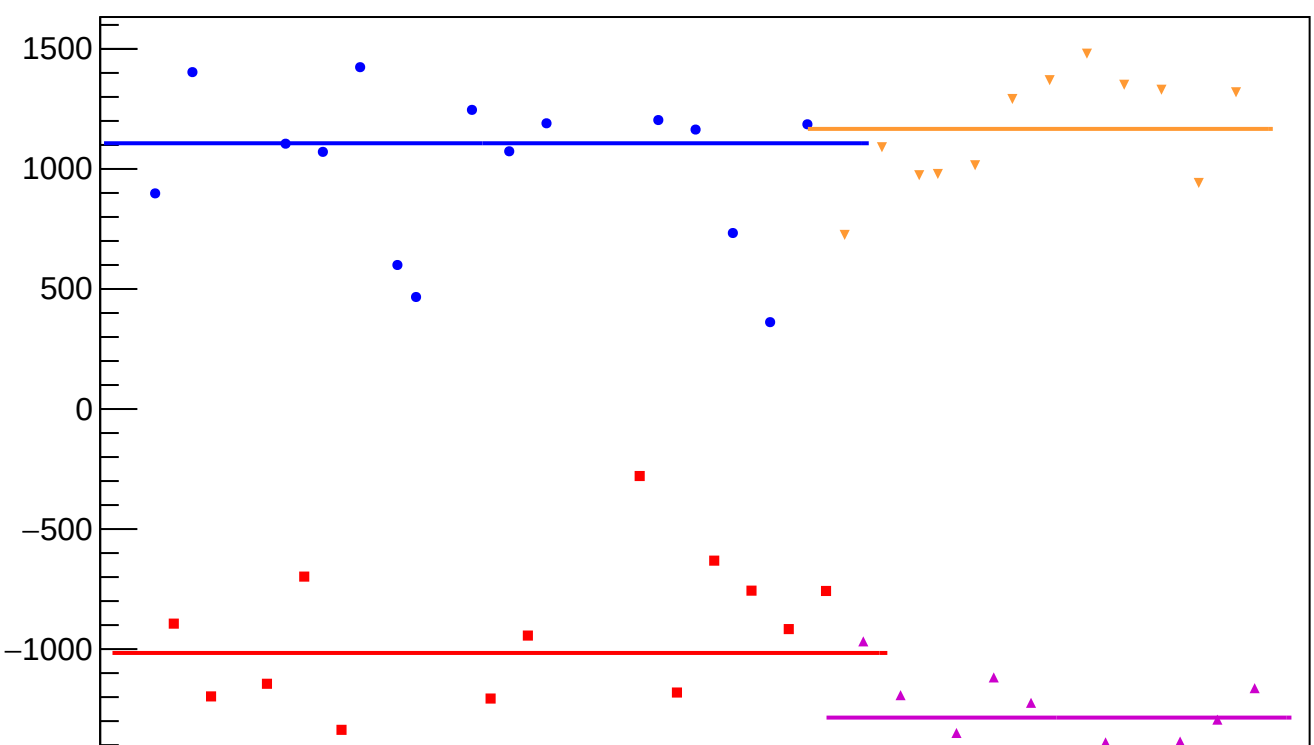
Left: -1034.394+/-0.000 χ^2/NDF: 33680407028688
Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11
In: -7715.351+/-0.000 χ^2/NDF:290679667494142
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15
Out: 7574.385+/-0.000 χ^2/NDF:26099548855296 3
Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10
All: -51.092+/-0.000 χ^2/NDF: 570108278214

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 33.114+/-0.000 χ^2/NDF: 1630992199286055
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11
In: -151.745+/-0.000 χ^2/NDF:1192581949846065
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
Out: 210.415+/-0.000 χ^2/NDF:1242037289977298
Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10
All: 29.794+/-0.000 χ^2/NDF: 2538038020154

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

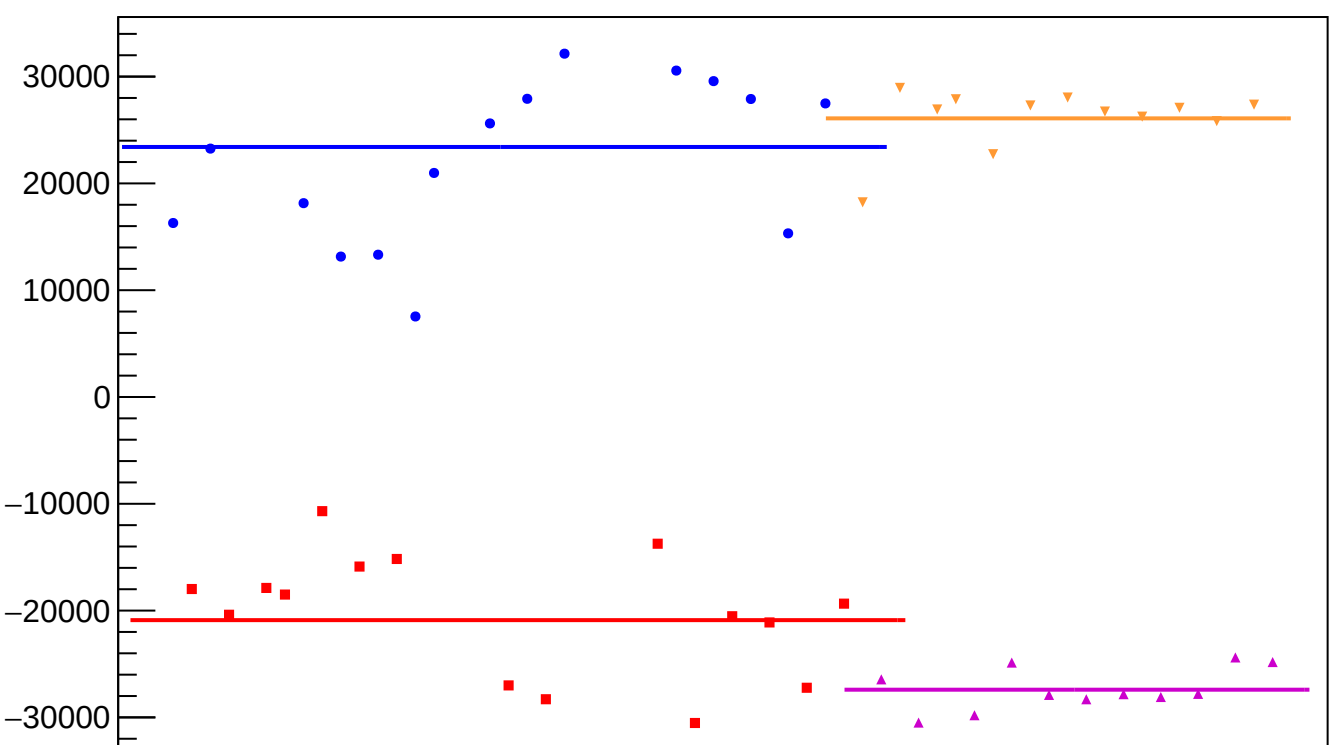
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

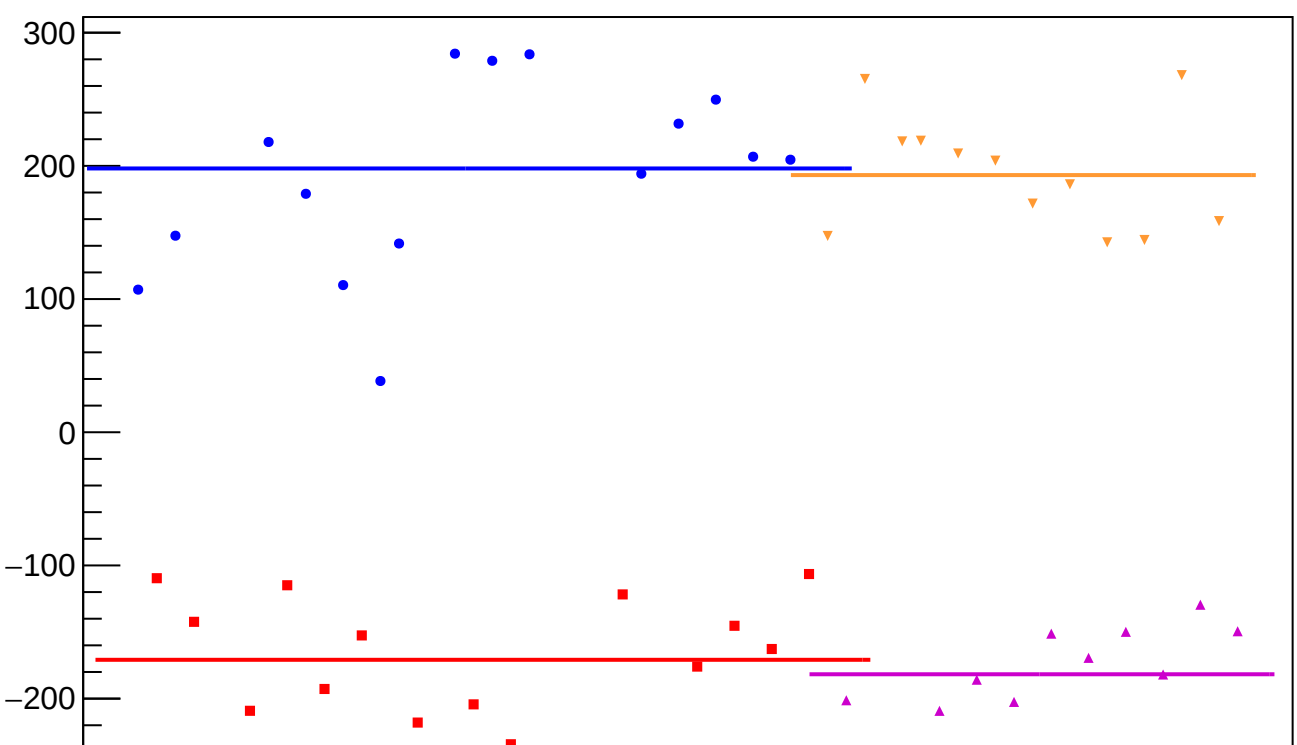
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -804.440+/-0.000 χ^2/NDF: 132562233817018
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 26089.435+/-0.000 χ^2/NDF:729747469732523123463306036407548510208 0.0/11
In: -6440.074+/-0.000 χ^2/NDF:101629631311626
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: 6267.782+/-0.000 χ^2/NDF:885907084318419
Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10
All: -70.029+/-0.000 χ^2/NDF: 202953713345

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 4.667+/-0.000 χ^2/NDF: 674560123353217064

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 193.084+/-0.000 χ^2/NDF:16827497054399498811225119123895746 56.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

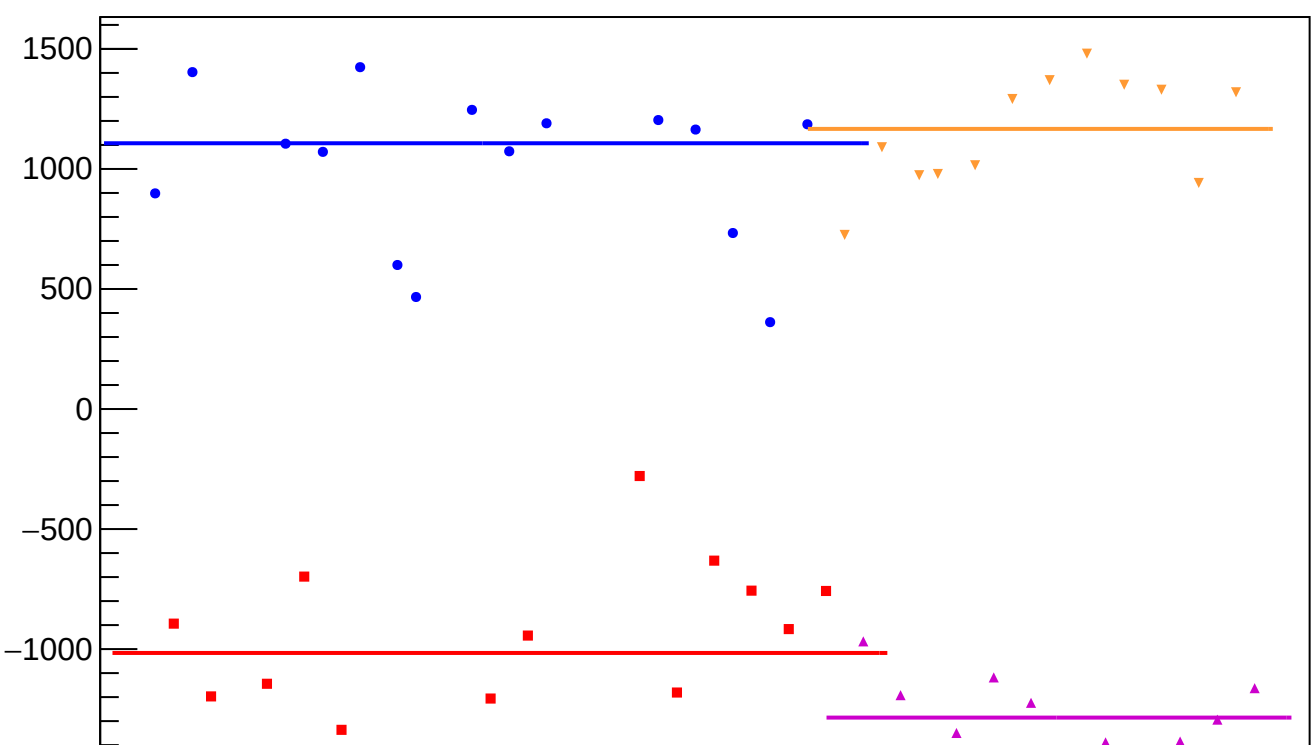
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.545+/-0.000 χ^2/NDF:5417369983342224 0

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.342+/-0.000 χ^2/NDF: 1161548333893 3

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

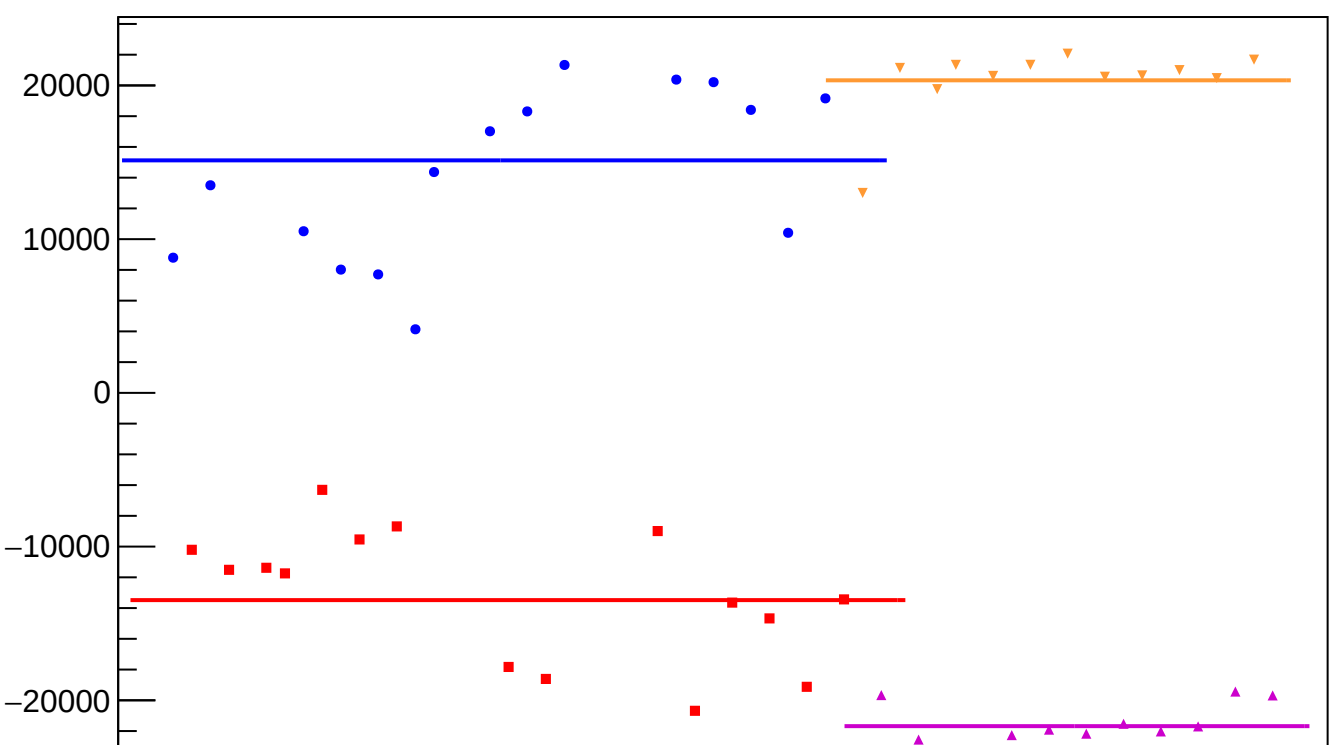
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -788.384+/-0.000 χ^2/NDF: 818050900657899

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20333.061+/-0.000 χ^2/NDF:48559492257769427632268539403690542366 72.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

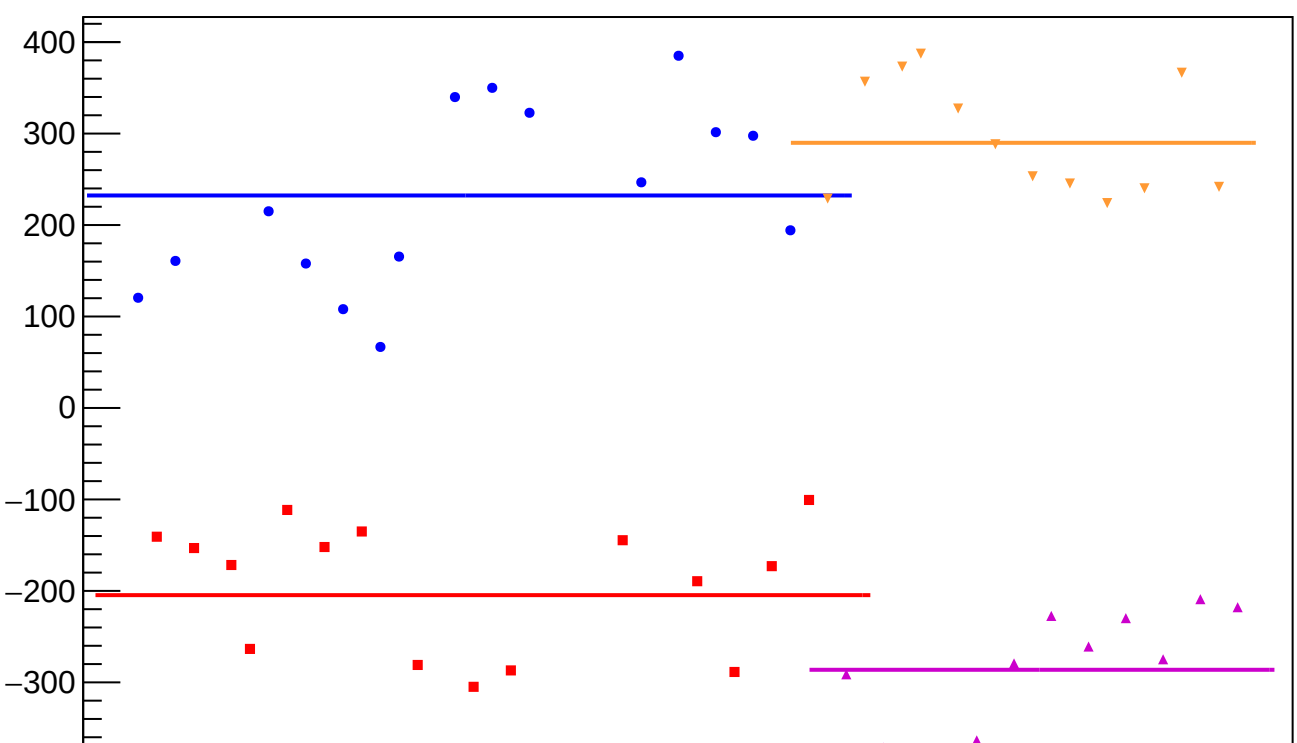
Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 6066.895+/-0.000 χ^2/NDF:461693454041098

Left In: -21681.241+/-0.000 χ^2/NDF:21088745736492026217115303328663103078 40.0/10

All: -198.174+/-0.000 χ^2/NDF: 11213217633

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 0.258+/-0.000 χ^2/NDF: 15979207429454940

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

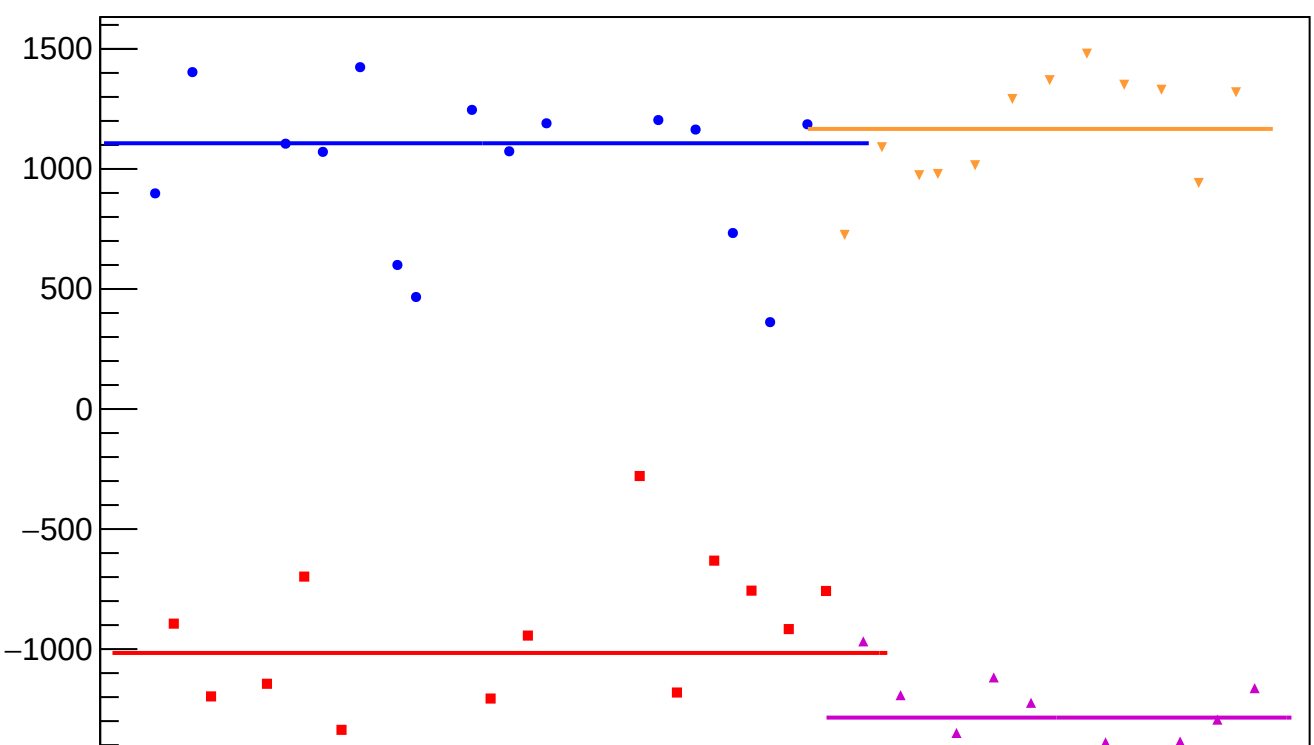
Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

Out: 81.261+/-0.000 χ^2/NDF:10206210507018627

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.677+/-0.000 χ^2/NDF: 2327138069389

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

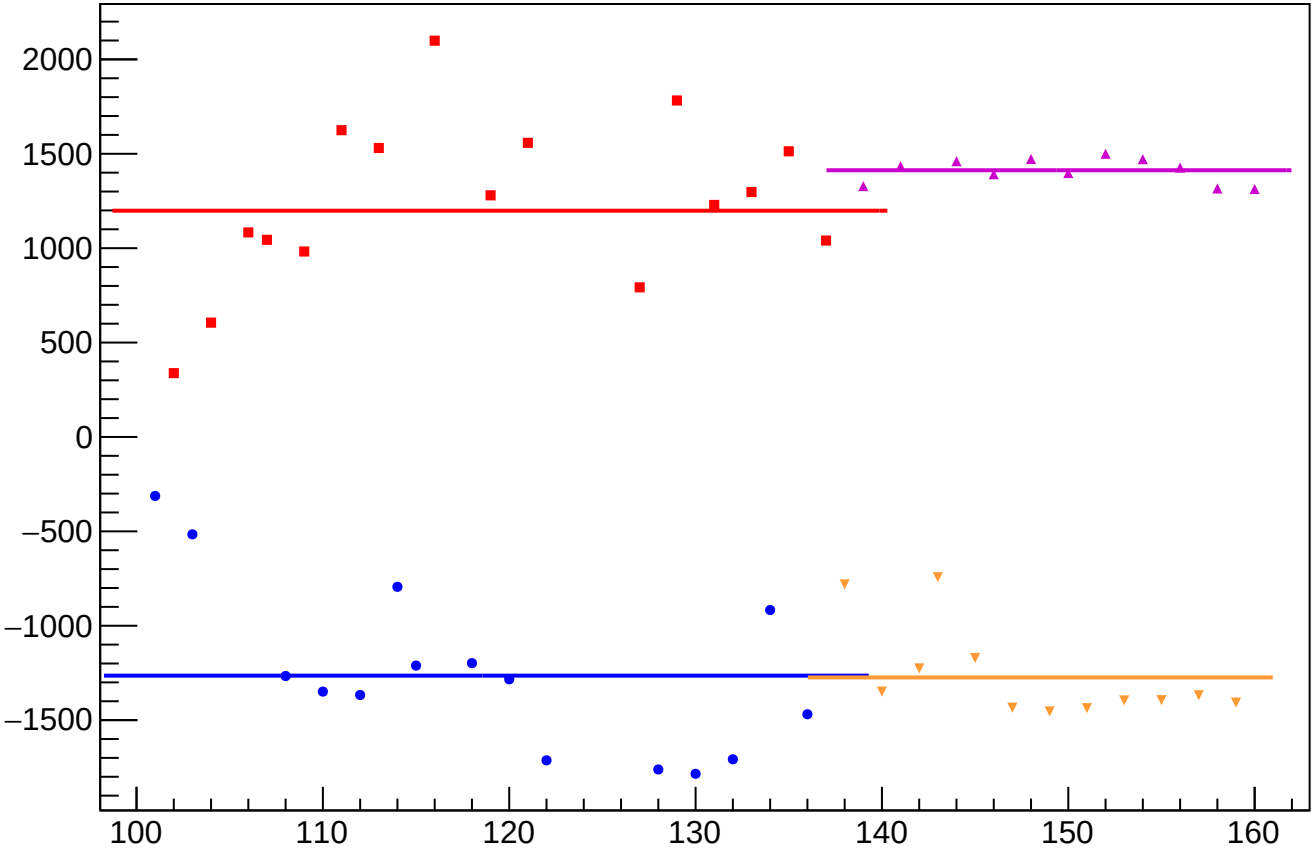
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

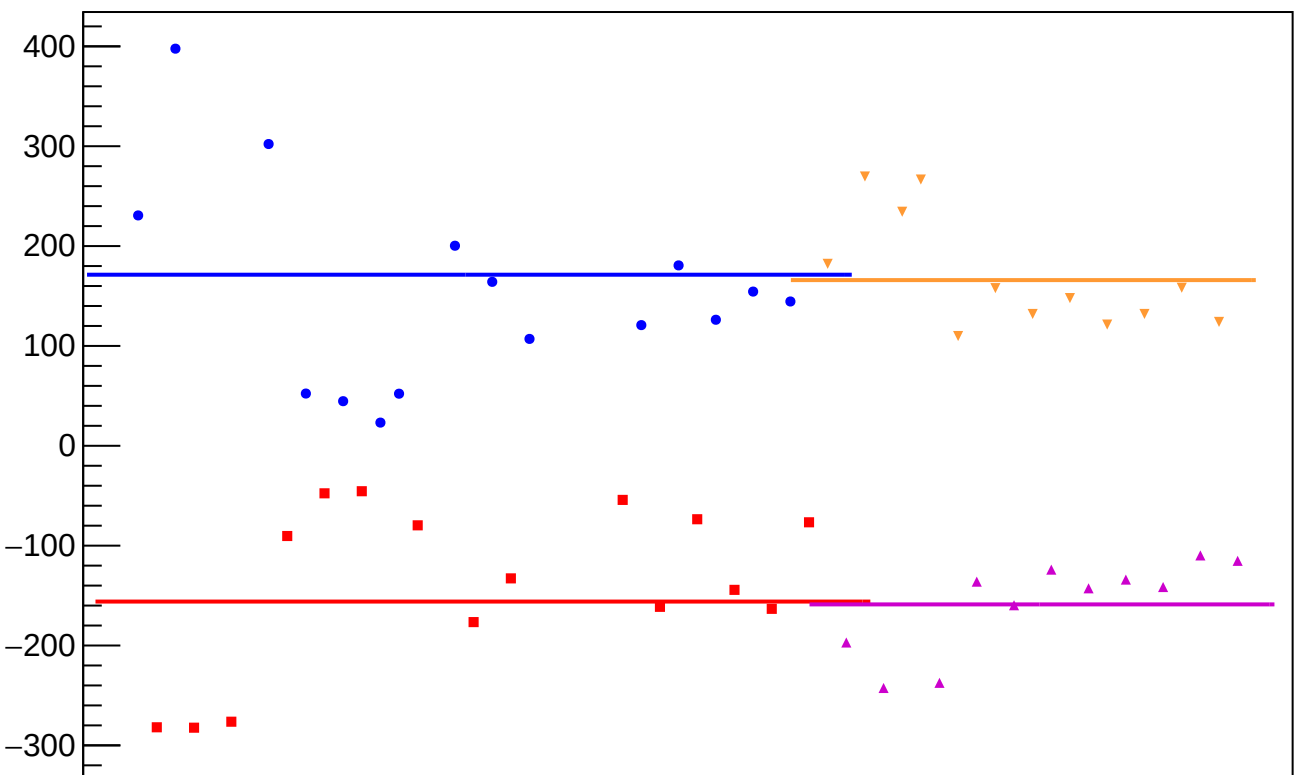
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam7_coil4_mean vs Slug, Sign Corrected



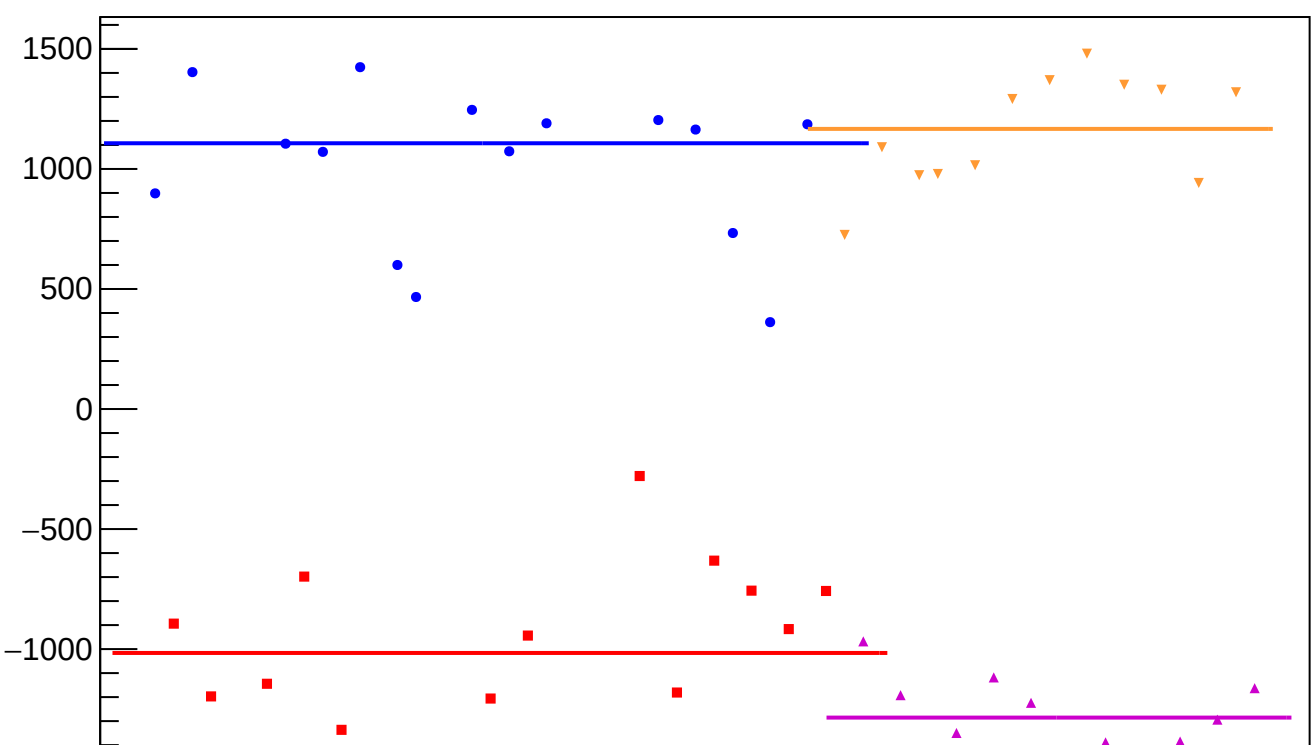
Left: 76.739+/-0.000 χ^2/NDF: 3370855271105765
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
In: 308.244+/-0.000 χ^2/NDF:2876034416148533
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: -230.846+/-0.000 χ^2/NDF:253877034127960
Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10
All: 38.016+/-0.000 χ^2/NDF: 564395559572

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 2.658+/-0.000 χ^2/NDF: 52887146607469280
Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14
Right: 5.426+/-0.000 χ^2/NDF: 47042708197761076
Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11
In: -22.615+/-0.000 χ^2/NDF:49529612486075617
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15
Out: 30.108+/-0.000 χ^2/NDF:48214291769809933
Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10
All: 3.813+/-0.000 χ^2/NDF: 99935728912409

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

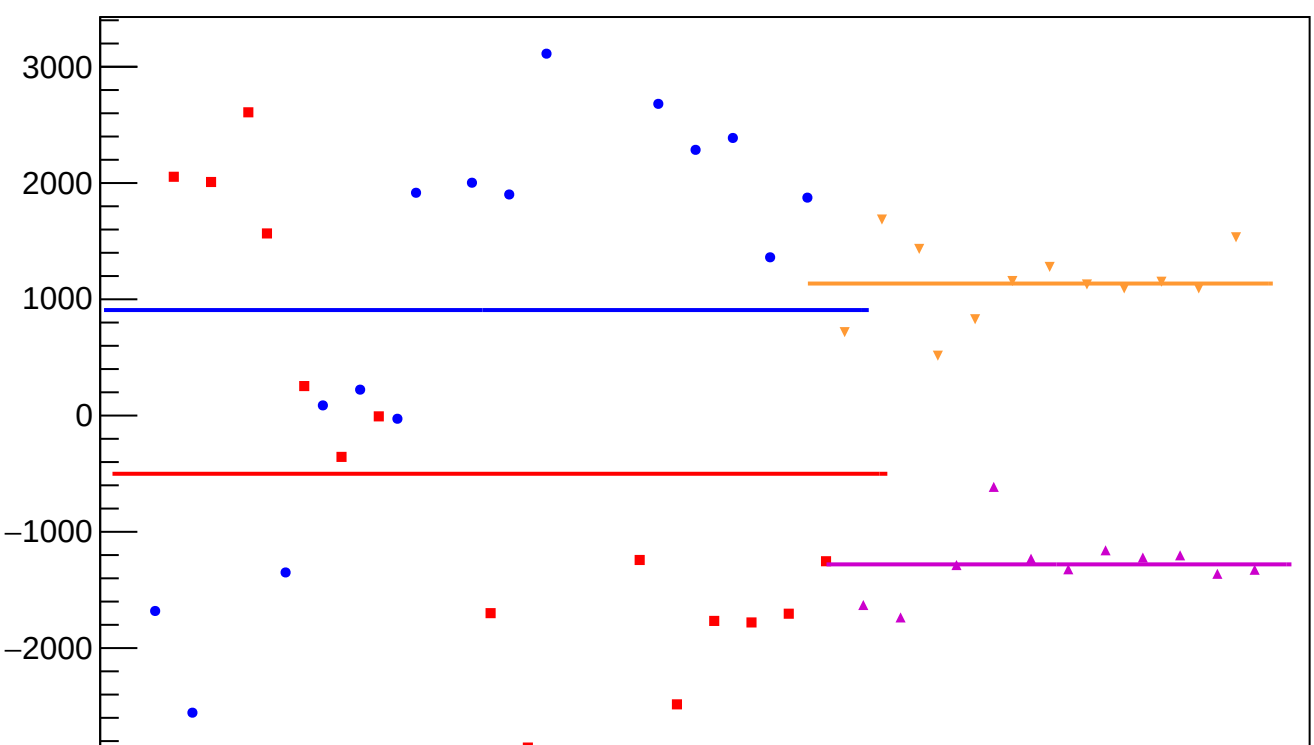
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -78.814+/-0.000 χ^2/NDF: 2838993659503494

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

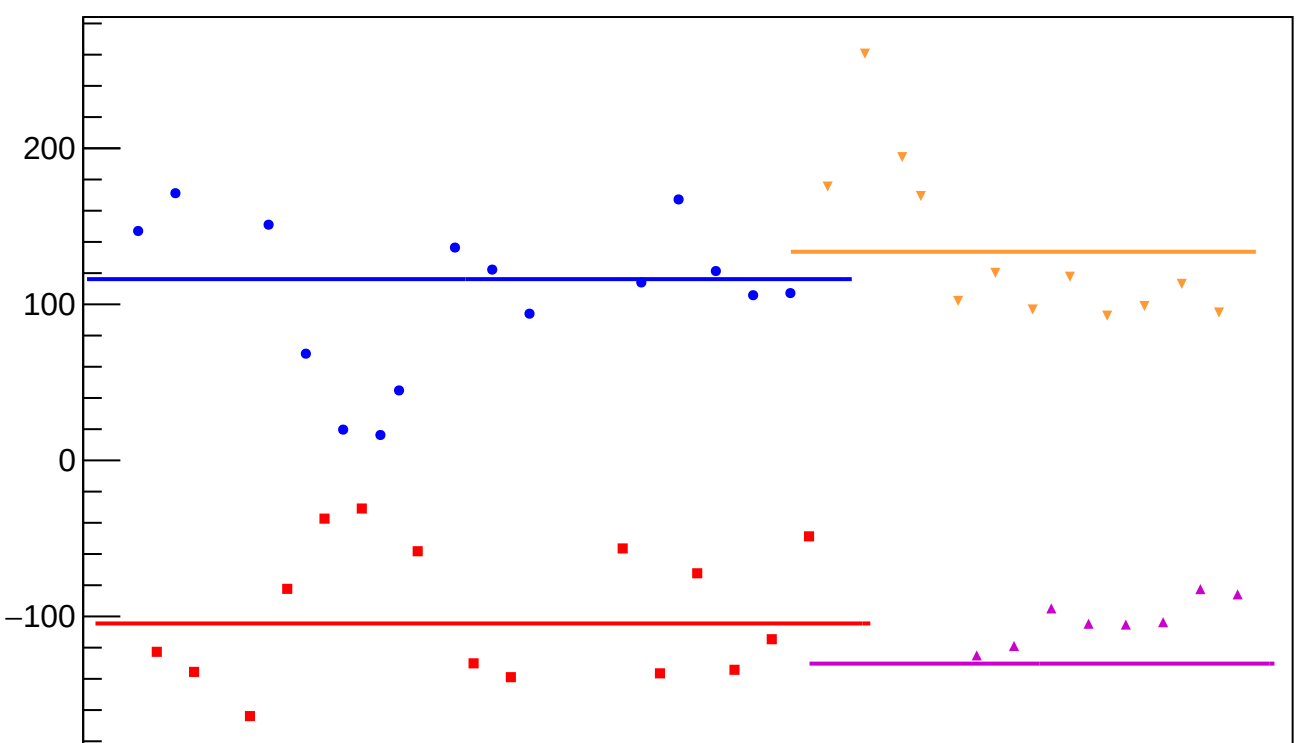
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 445.222+/-0.000 χ^2/NDF:319700162996565 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

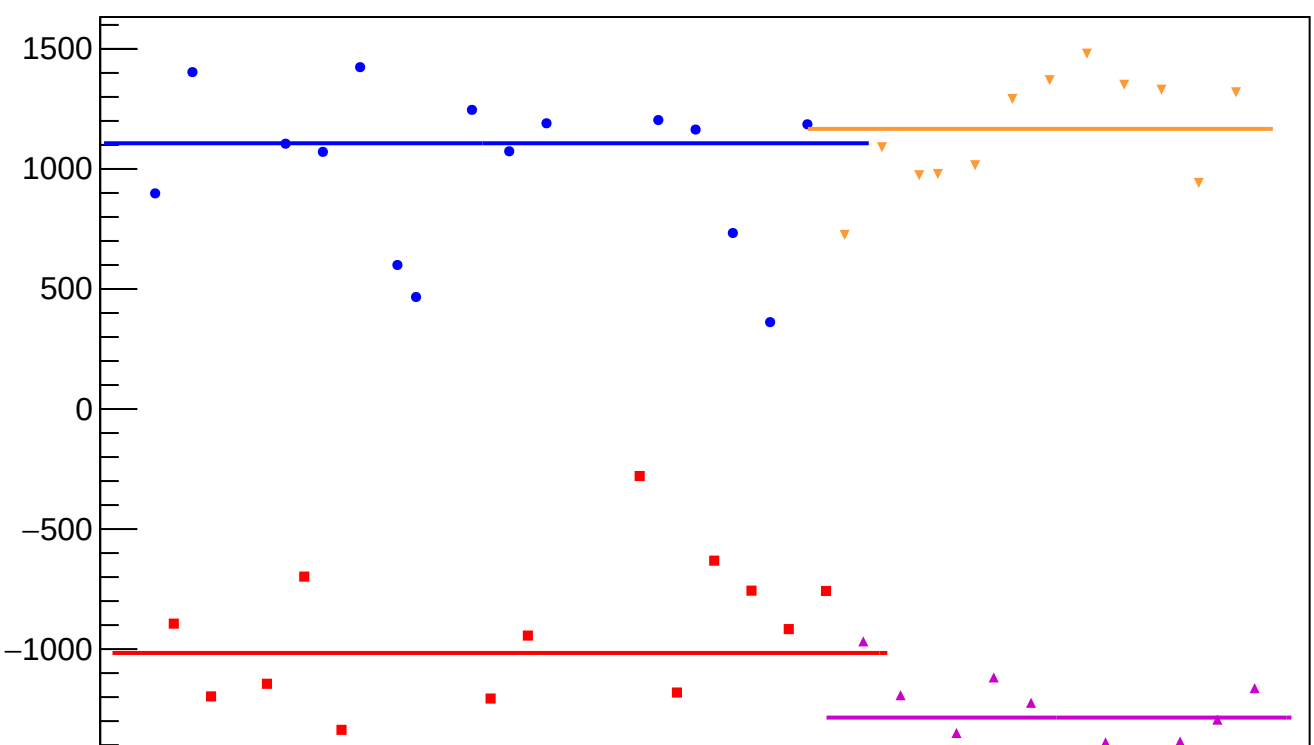
All: 34.911+/-0.000 χ^2/NDF: 7729666433906

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 1.011+/-0.000 χ^2/NDF: 36308944838533435
Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14
Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2
Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11
In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15
Out: 33.204+/-0.000 χ^2/NDF:2549629849593312 0
Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10
All: 2.392+/-0.000 χ^2/NDF: 5481809749299 9

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

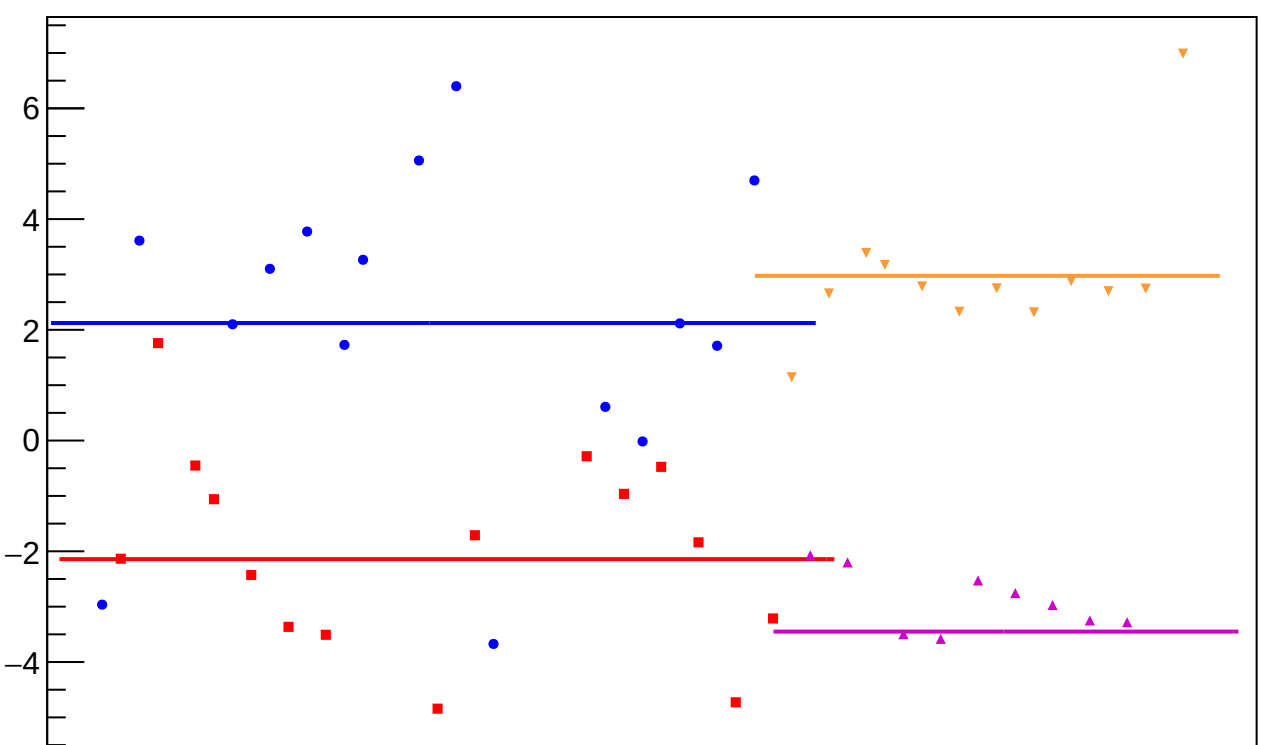
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

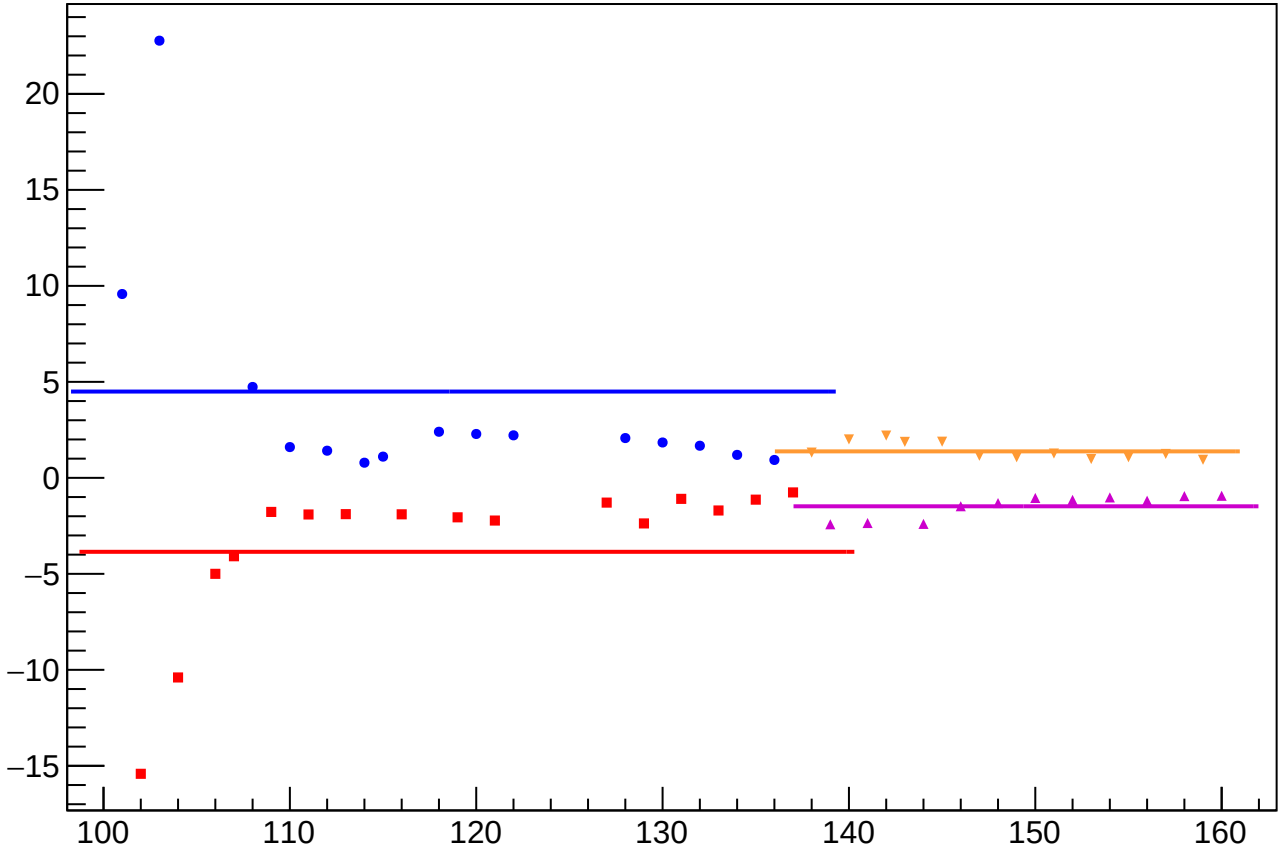
All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.255+/-0.000 χ^2/NDF: 2217681353185582
Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11
In: -1.151+/-0.000 χ^2/NDF:186566302459324539
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
Out: 0.817+/-0.000 χ^2/NDF:142230420380905144
Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10
All: -0.165+/-0.000 χ^2/NDF: 3593171973560

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4221338809733583 2

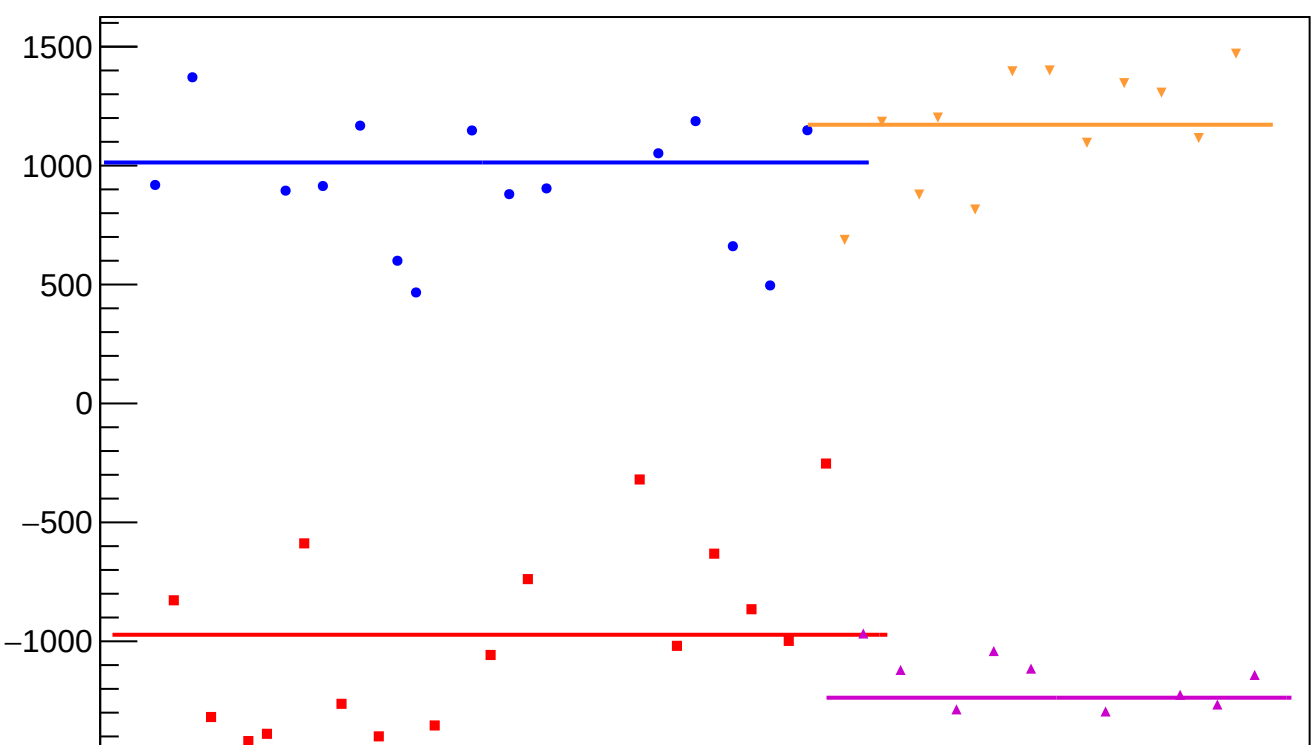
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.828+/-0.000 χ^2/NDF:2301887881616390 2

All: 0.076+/-0.000 χ^2/NDF: 6480733516241 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

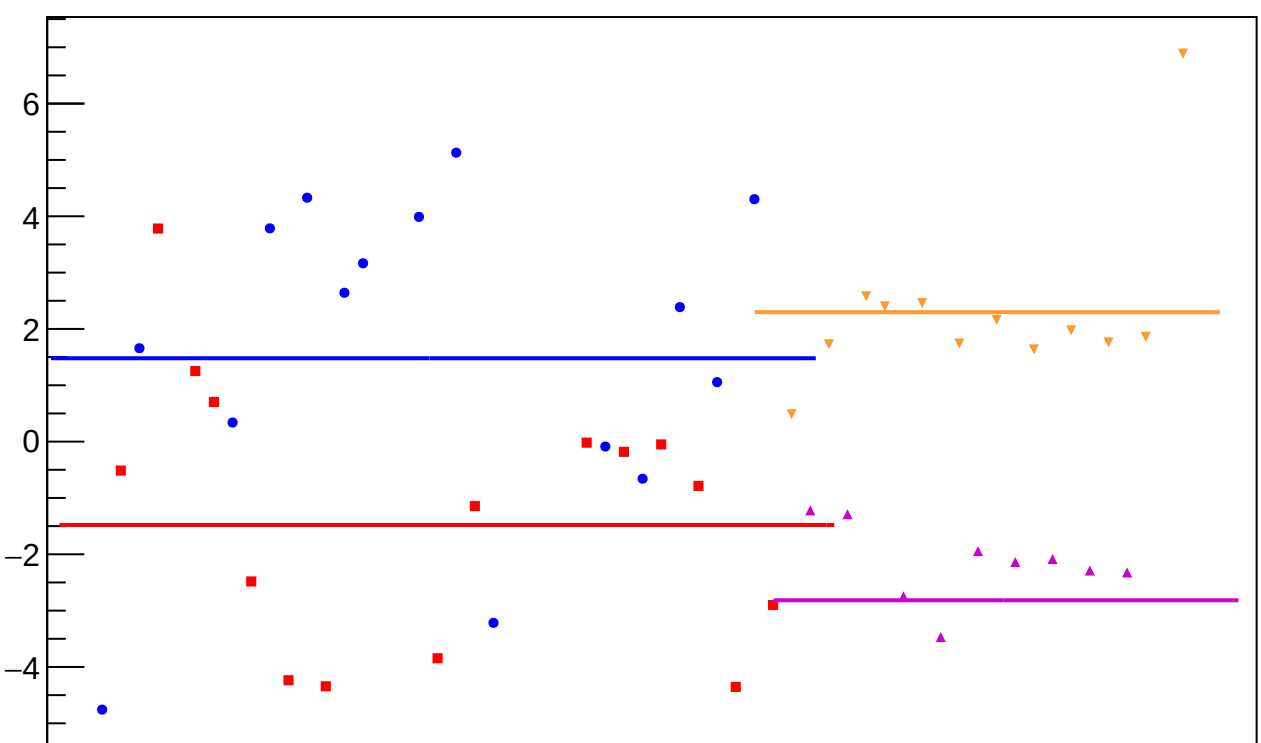
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.273+/-0.000 χ^2/NDF: 16328800028734705

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.298+/-0.000 χ^2/NDF:207987099173978046259333480369356 8.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

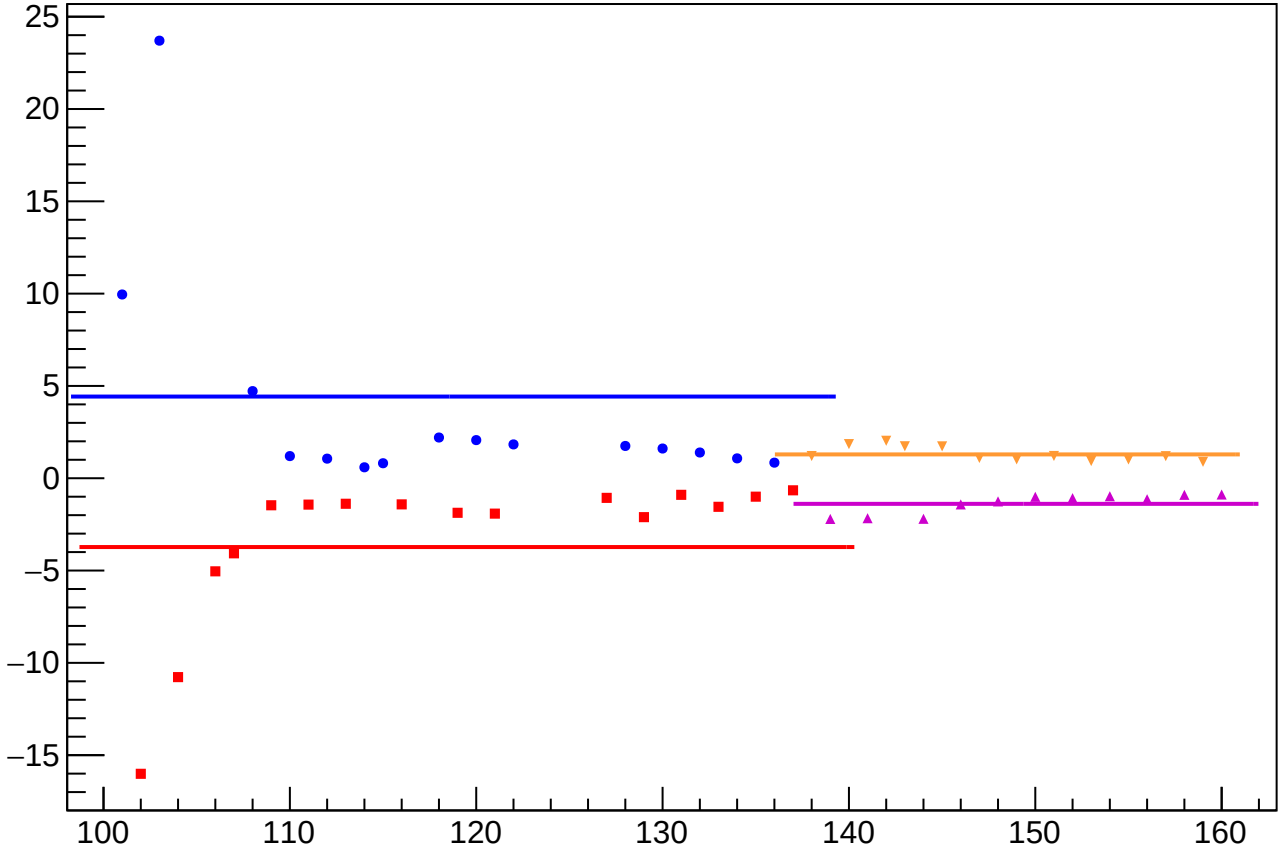
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.704+/-0.000 χ^2/NDF:116768203154190595

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.168+/-0.000 χ^2/NDF: 2915247501265

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Left Out: 1.291+/-0.000 χ^2/NDF:1192017256184521909174903242752 00.0/11

Right Out: -3.727+/-0.000 χ^2/NDF: 1399181681474984251979428485346 0992.0/15

Left In: -1.387+/-0.000 χ^2/NDF:2453812059137343689478295613603 84.0/10

Left: -0.056+/-0.000 χ^2/NDF: 36599109111417461

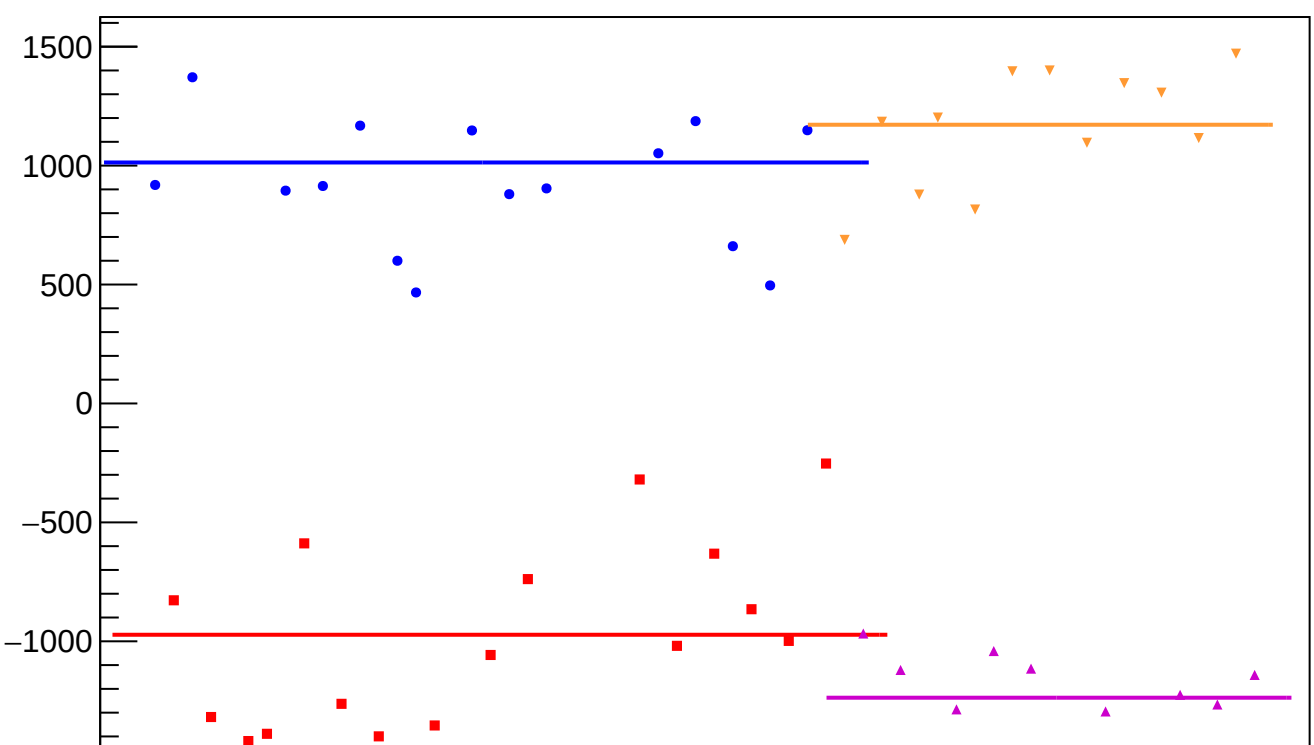
Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

In: 1.011+/-0.000 χ^2/NDF:4137923473893372080

Out: -0.826+/-0.000 χ^2/NDF:2382007871532663 3

All: 0.090+/-0.000 χ^2/NDF: 6785950193178 3

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

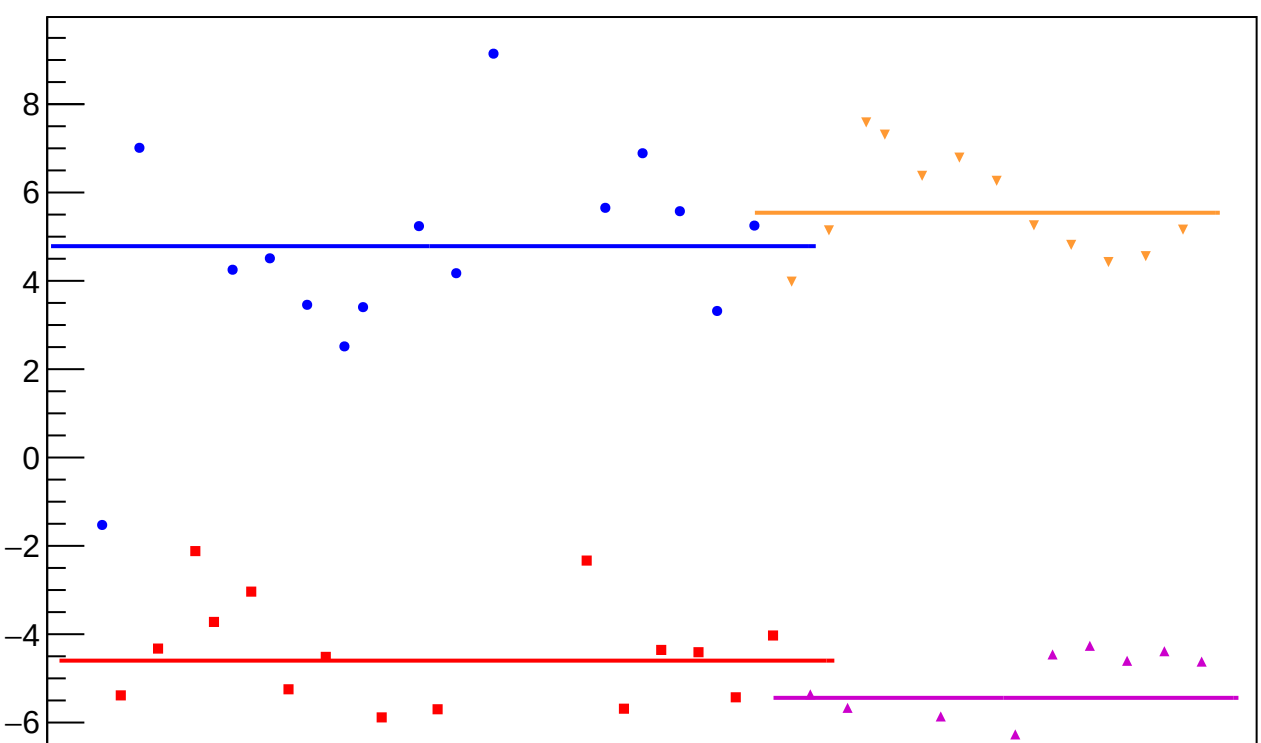
Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

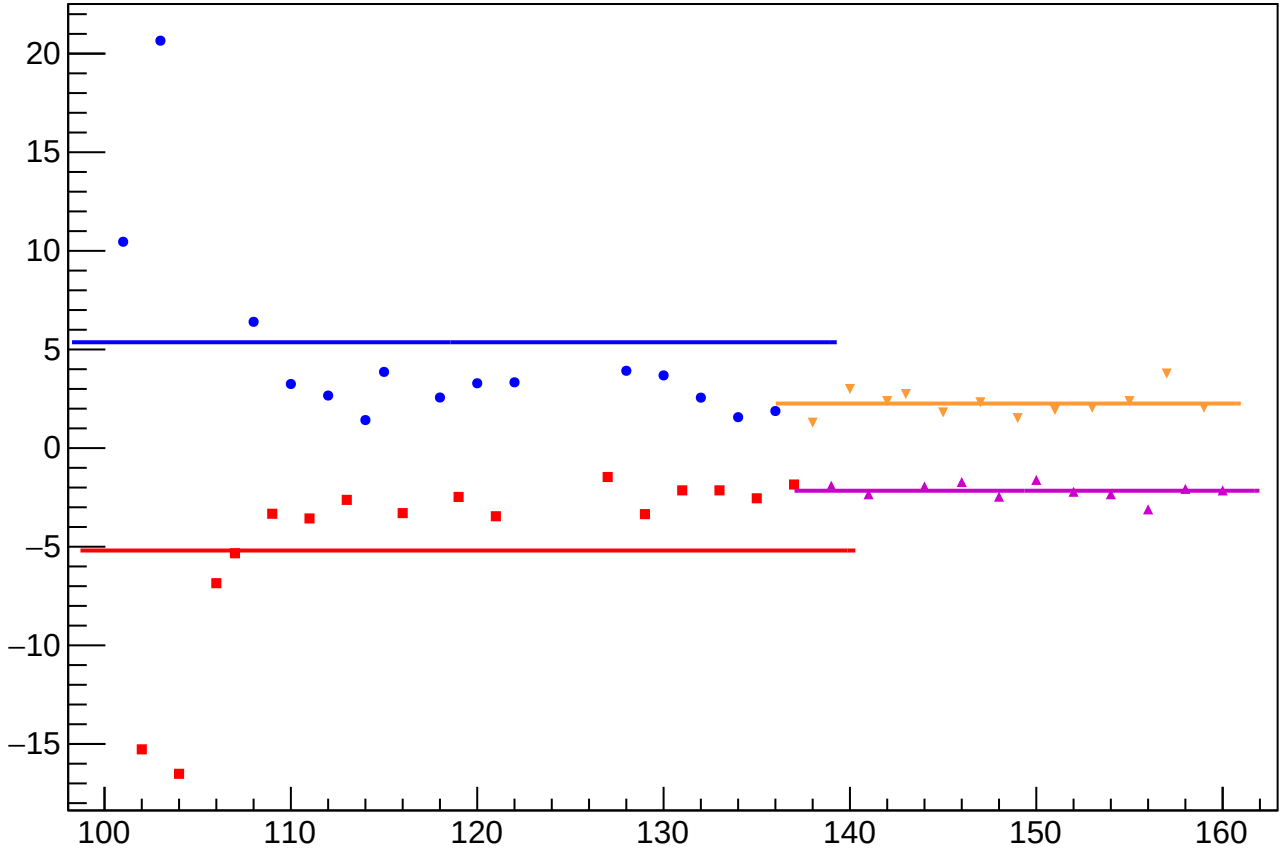
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 57456947506908561
Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4,0/14
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2
Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136,0/11
In: -1.222+/-0.000 χ^2/NDF:448312824685683470
Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15
Out: 1.264+/-0.000 χ^2/NDF:41702445109465698 4
Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10
All: 0.024+/-0.000 χ^2/NDF: 9140557061234 9

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.037+/-0.000 χ^2/NDF: 951216511750757833

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

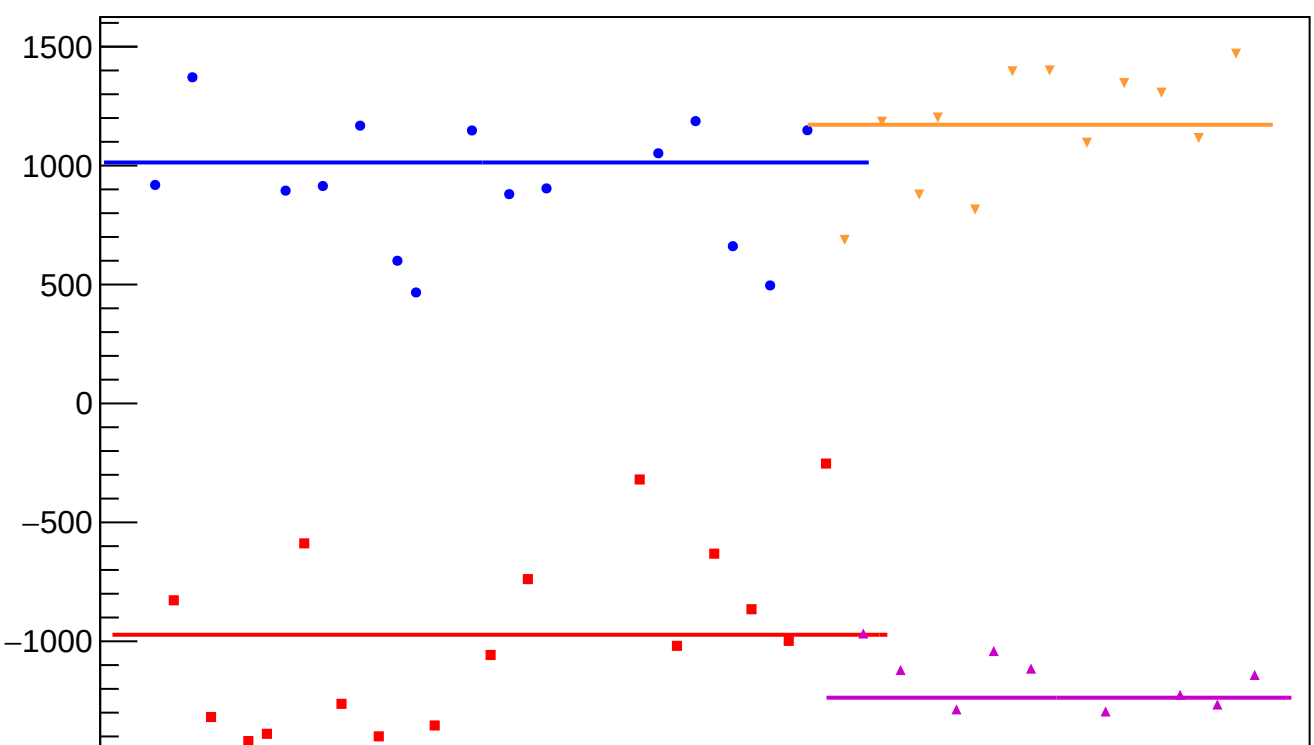
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -0.885+/-0.000 χ^2/NDF:3755287546995295 3

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8071194607126 6

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

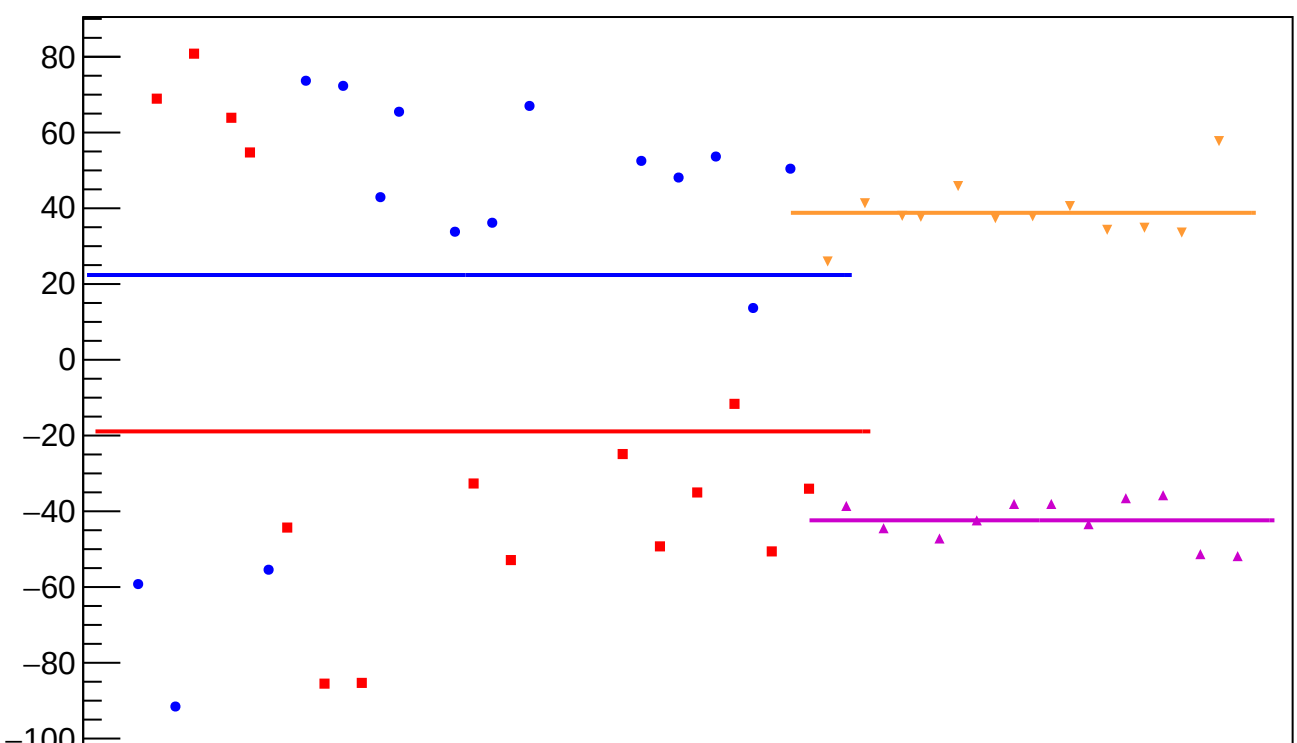
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

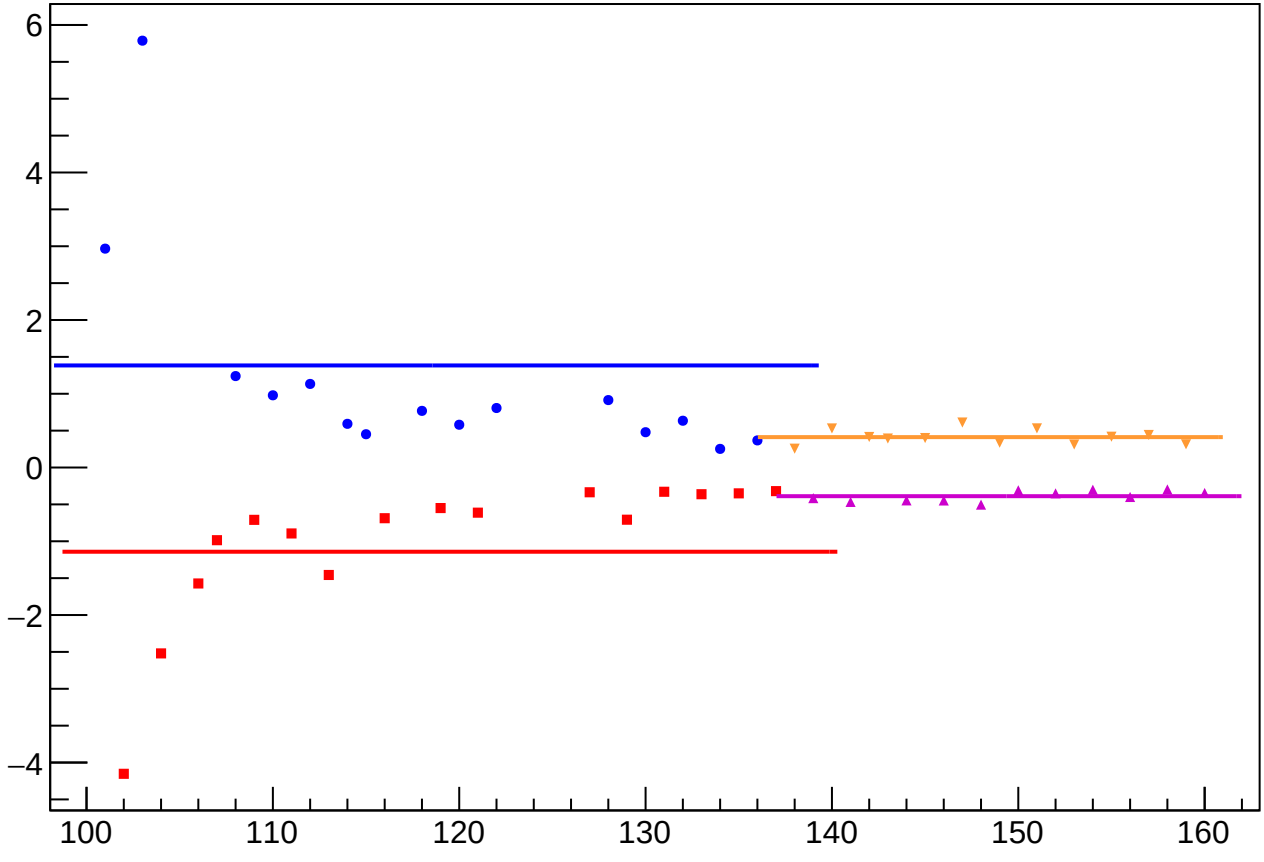
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -2.011+/-0.000 χ^2/NDF: 31072160739853167
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11
In: -15.663+/-0.000 χ^2/NDF:35481778634917281
Right Out: -18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15
Out: 14.458+/-0.000 χ^2/NDF:35182359761379109
Left In: -42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10
All: -0.564+/-0.000 χ^2/NDF: 7781760585963

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 30849529651621156

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

In: 0.343+/-0.000 χ^2/NDF:277353006534072708 9

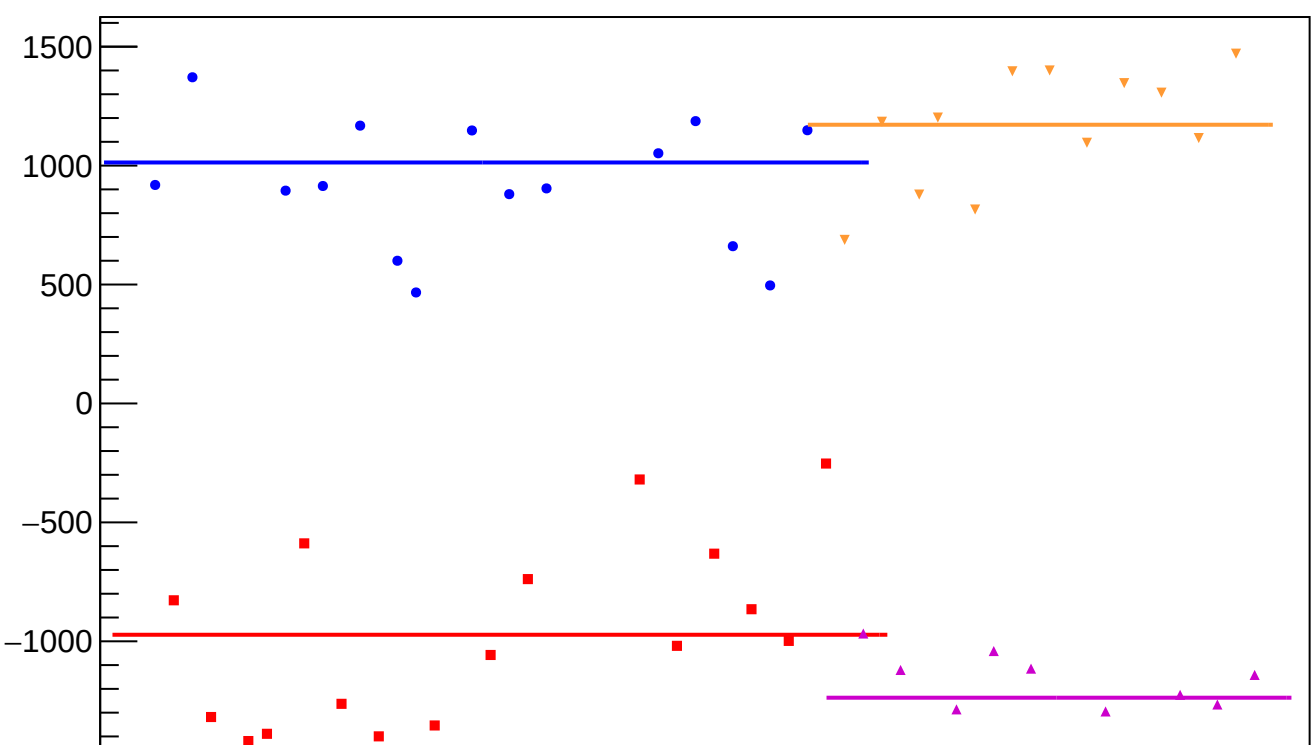
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:17511630764332006

Left In: -0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

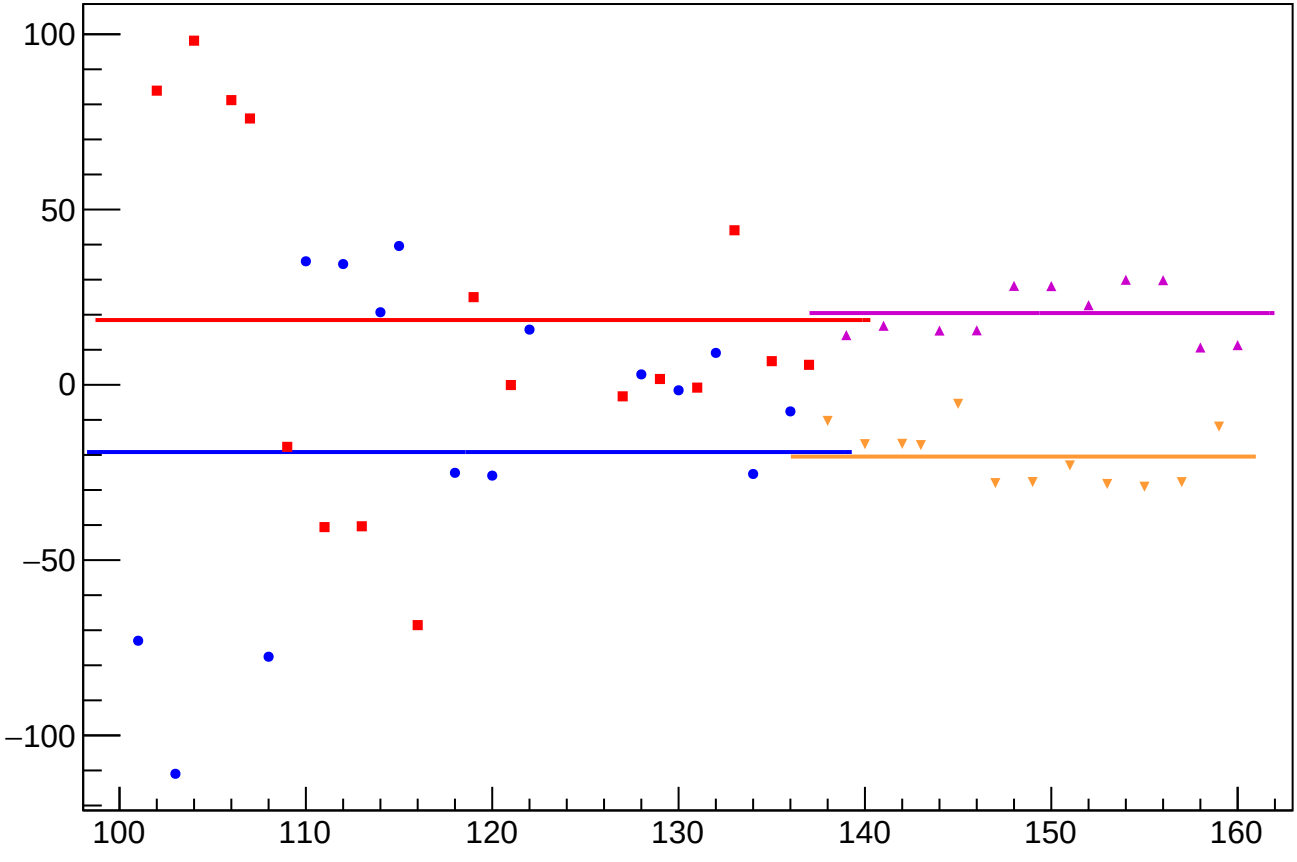
All: 0.049+/-0.000 χ^2/NDF: 4795604637543 1

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 0.115+/-0.000 χ^2/NDF: 877202582639736103

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

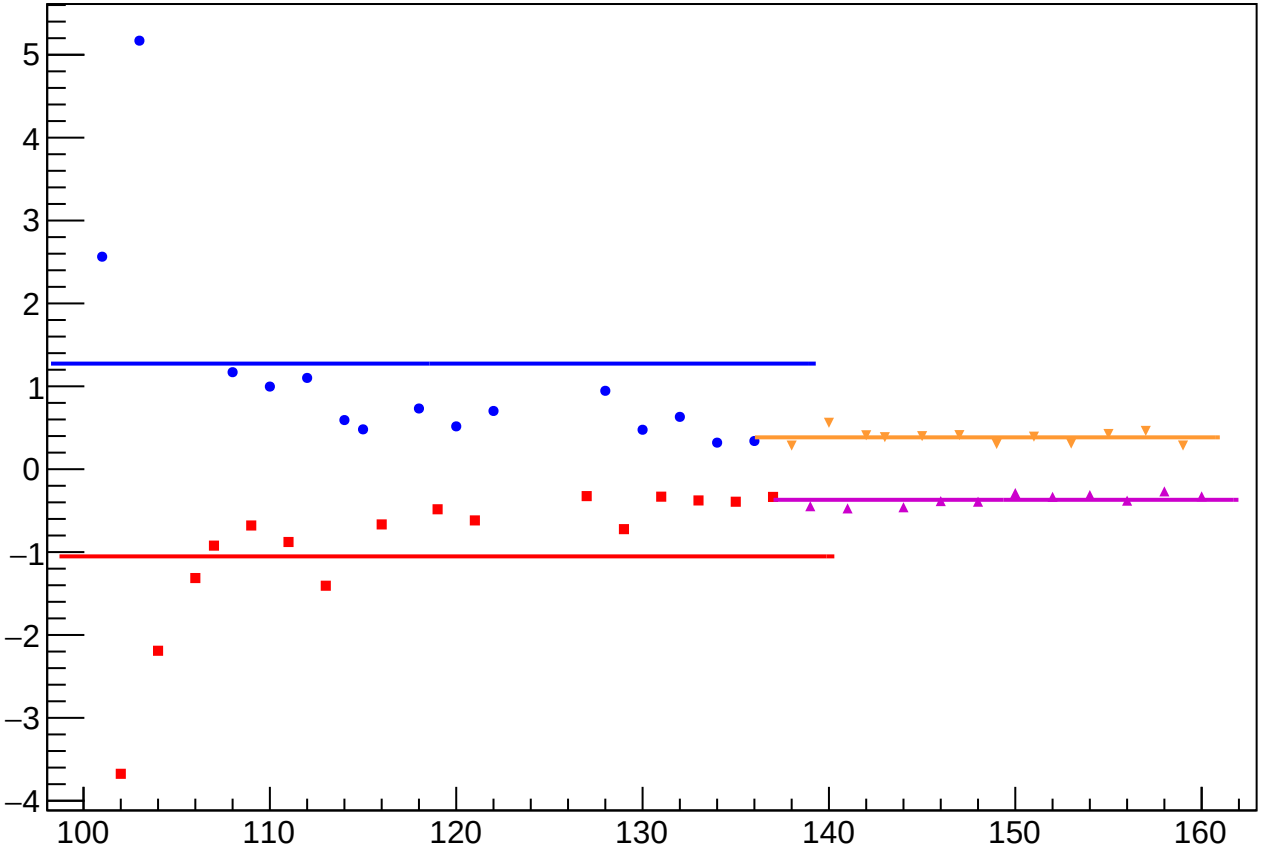
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.035+/-0.000 χ^2/NDF:21328659955407988

Left In: 20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079380498302

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.005+/-0.000 χ^2/NDF: 270980526388398617

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468 2

Left Out: 0.384+/-0.000 χ^2/NDF:582232202907859826826012943974 4.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780 5

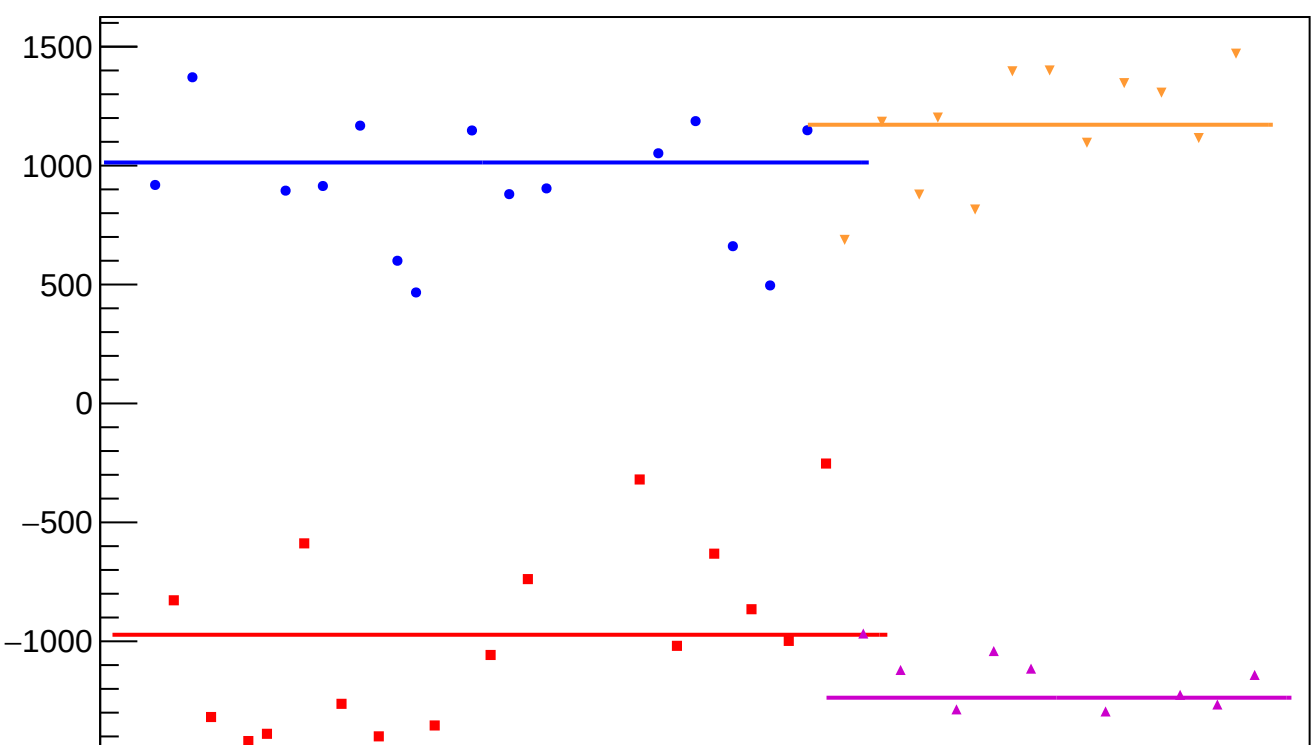
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.222+/-0.000 χ^2/NDF:1408503689243692 0

Left In: -0.369+/-0.000 χ^2/NDF:4166350638848138676707816112128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875882838199 7

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

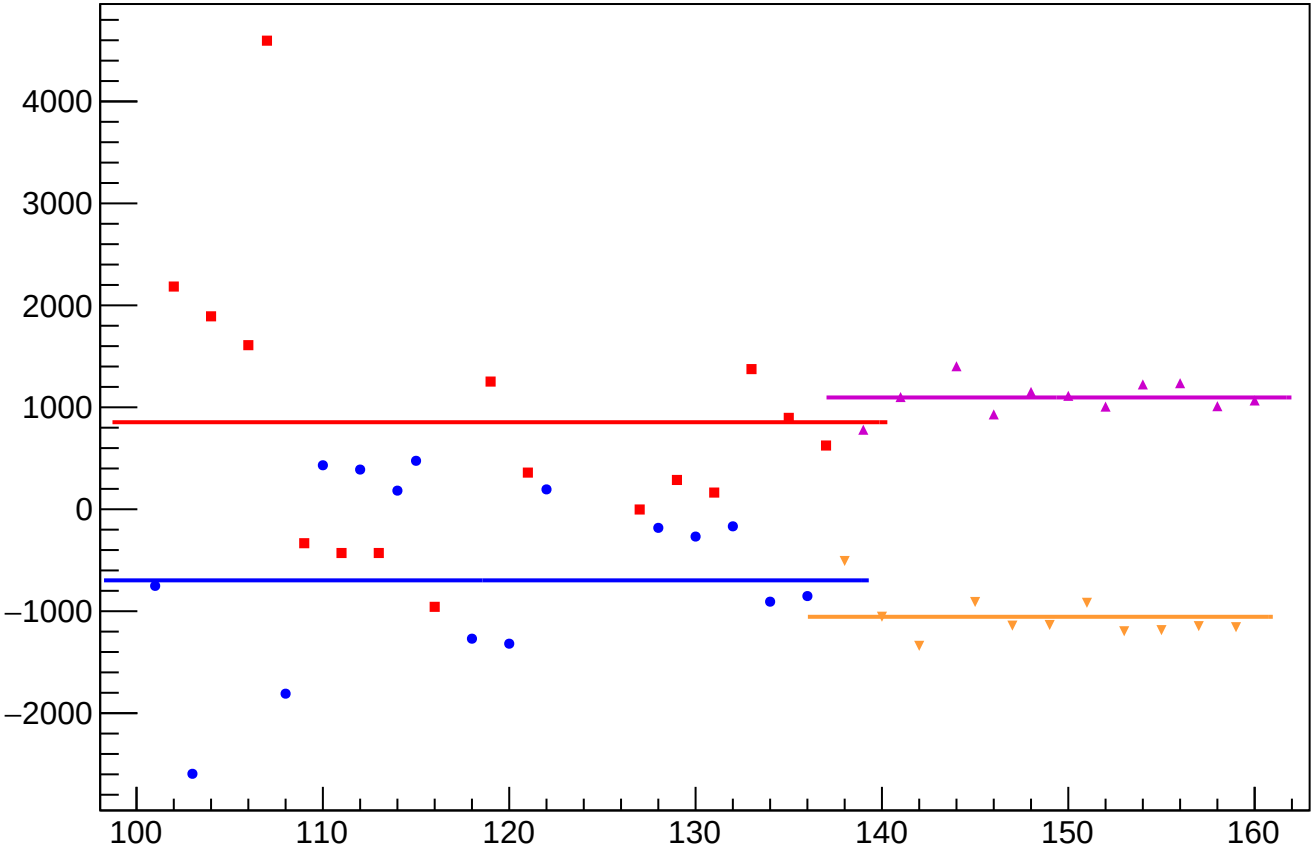
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

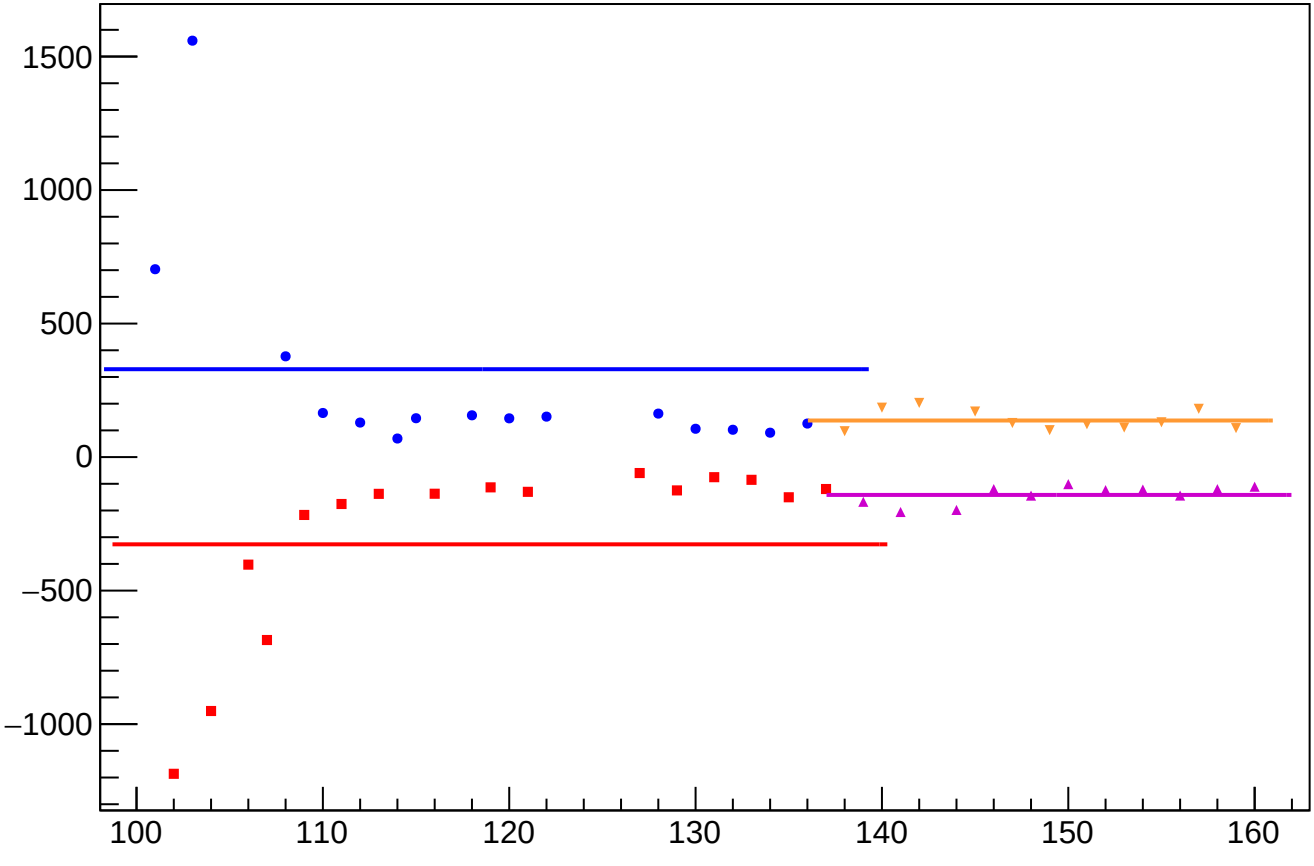
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_usl_coil6_mean vs Slug, Sign Corrected



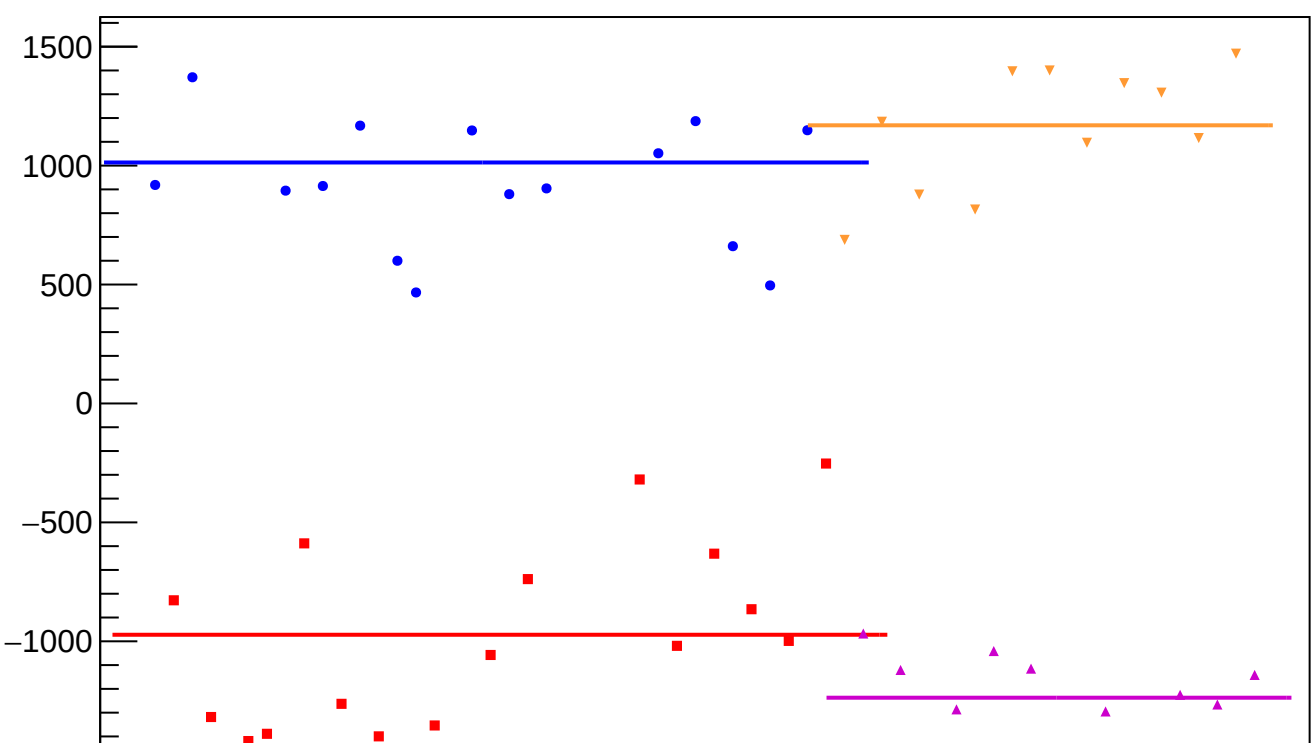
Left: 67.682+/-0.000 χ^2/NDF: 2104282925537346
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1054.675+/-0.000 χ^2/NDF:3589341456175128983102800453580514918 4.0/10
In: 356.413+/-0.000 χ^2/NDF:1740513713272145
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: -213.916+/-0.000 χ^2/NDF:247329313672222
Left In: 1096.508+/-0.000 χ^2/NDF:2339709246408509237500801467455792742 4.0/10
All: 76.698+/-0.000 χ^2/NDF: 446474651350

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -8.396+/-0.000 χ^2/NDF: 36384355238386043
Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14
Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126
Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10
In: 52.557+/-0.000 χ^2/NDF:20240803637991835
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15
Out: -67.276+/-0.000 χ^2/NDF:1688197715864031
Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10
All: -6.215+/-0.000 χ^2/NDF: 3823059515642

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1169.420+/-0.000 χ^2/NDF:523590585284842121529758179305539502 08.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -86.182+/-0.000 χ^2/NDF: 2642058453366472

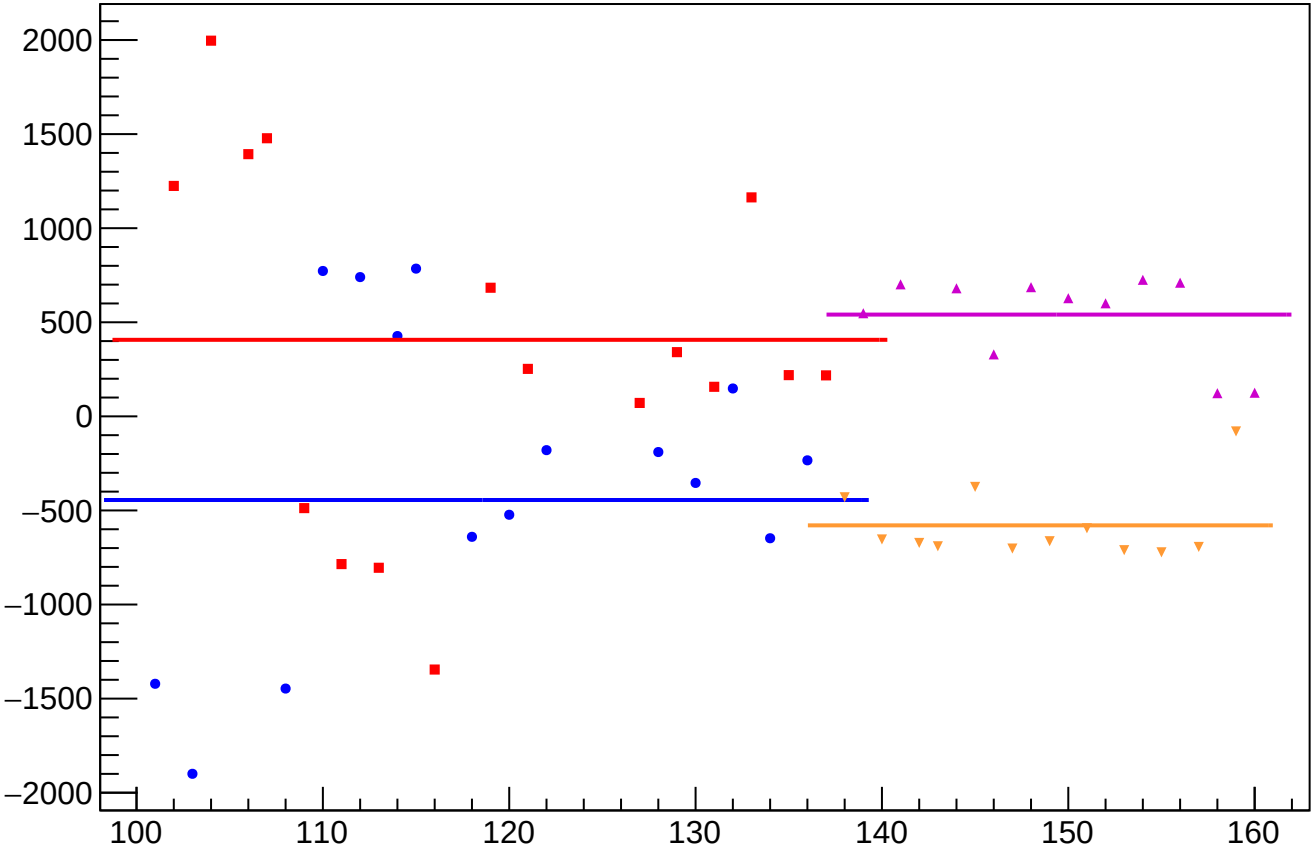
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 225.803+/-0.000 χ^2/NDF:184313289738696 9

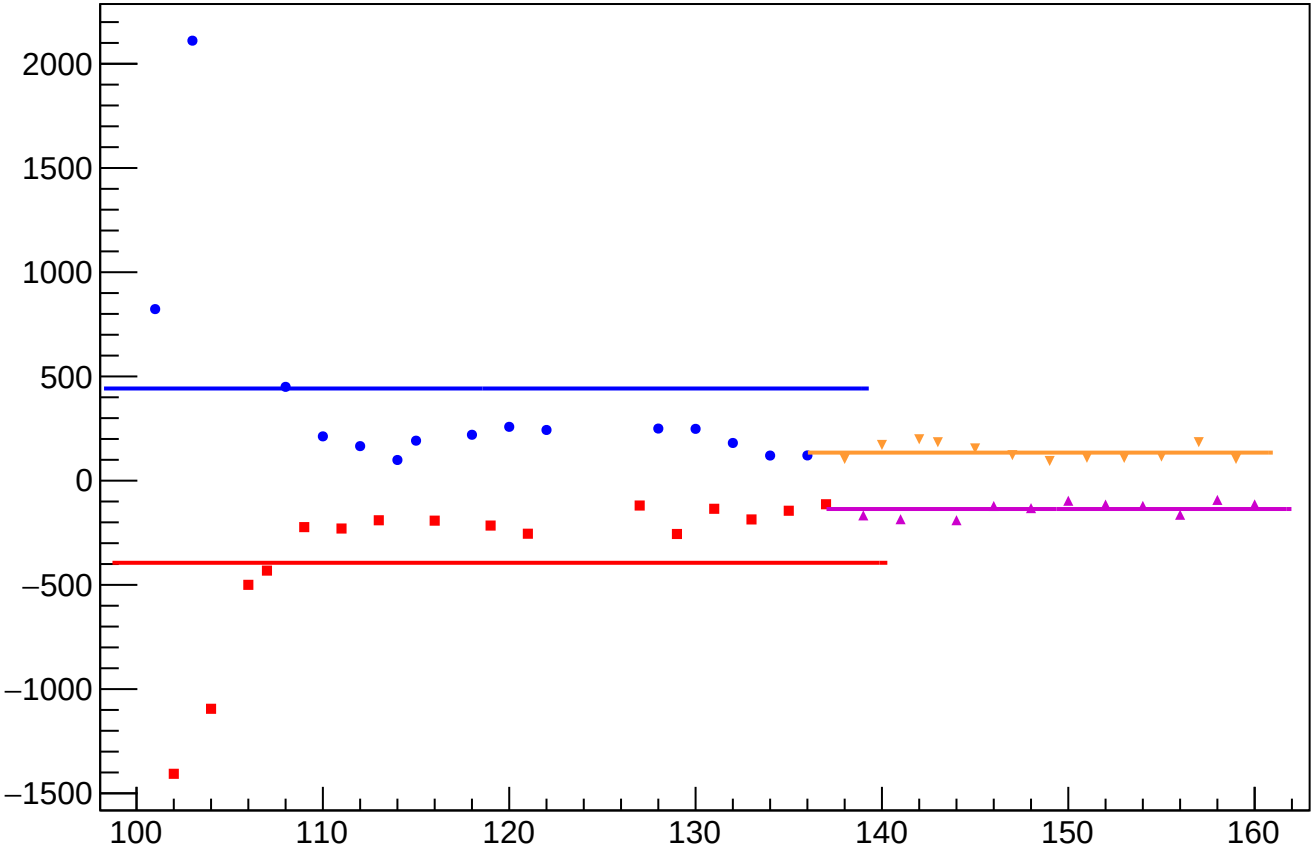
All: -46.560+/-0.000 χ^2/NDF: 405607578172

dit_usr_coil6_mean vs Slug, Sign Corrected



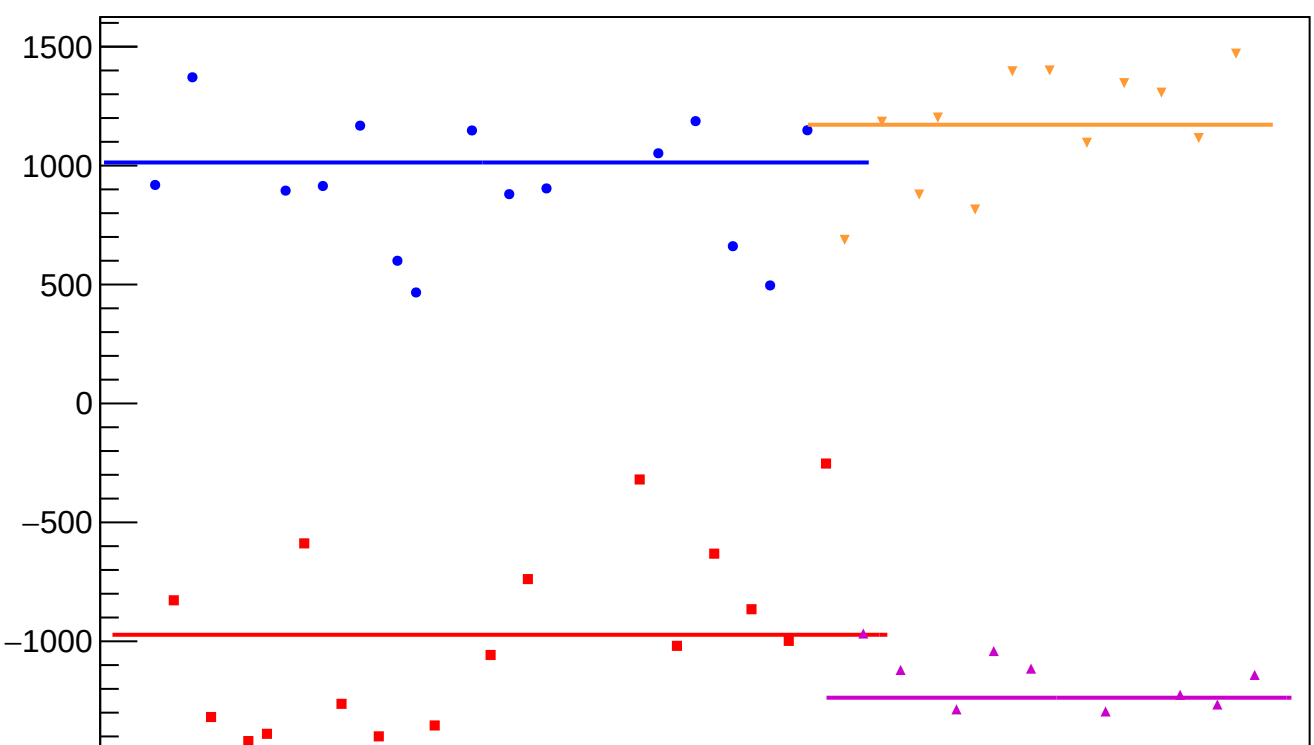
Left: -16.168+/-0.000 χ^2/NDF: 6517518654293770
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -579.272+/-0.000 χ^2/NDF:325845815245288609415955974070426664 96.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -163.293+/-0.000 χ^2/NDF:936589740364006
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.875+/-0.000 χ^2/NDF: 181571626575

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -1.475+/-0.000 χ^2/NDF: 3578033492733562
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.444+/-0.000 χ^2/NDF:2147483337083206
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.795+/-0.000 χ^2/NDF: 5759815630921

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

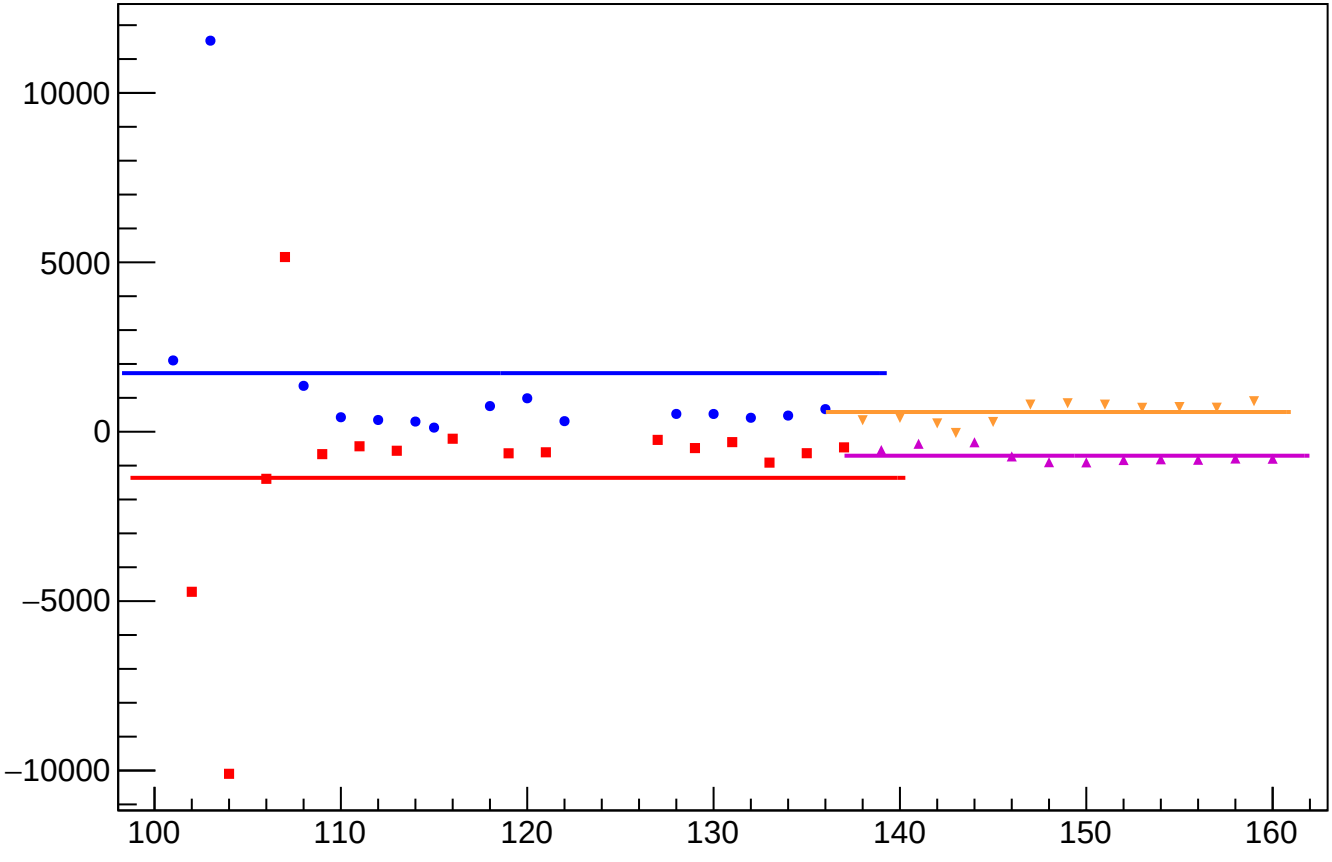
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

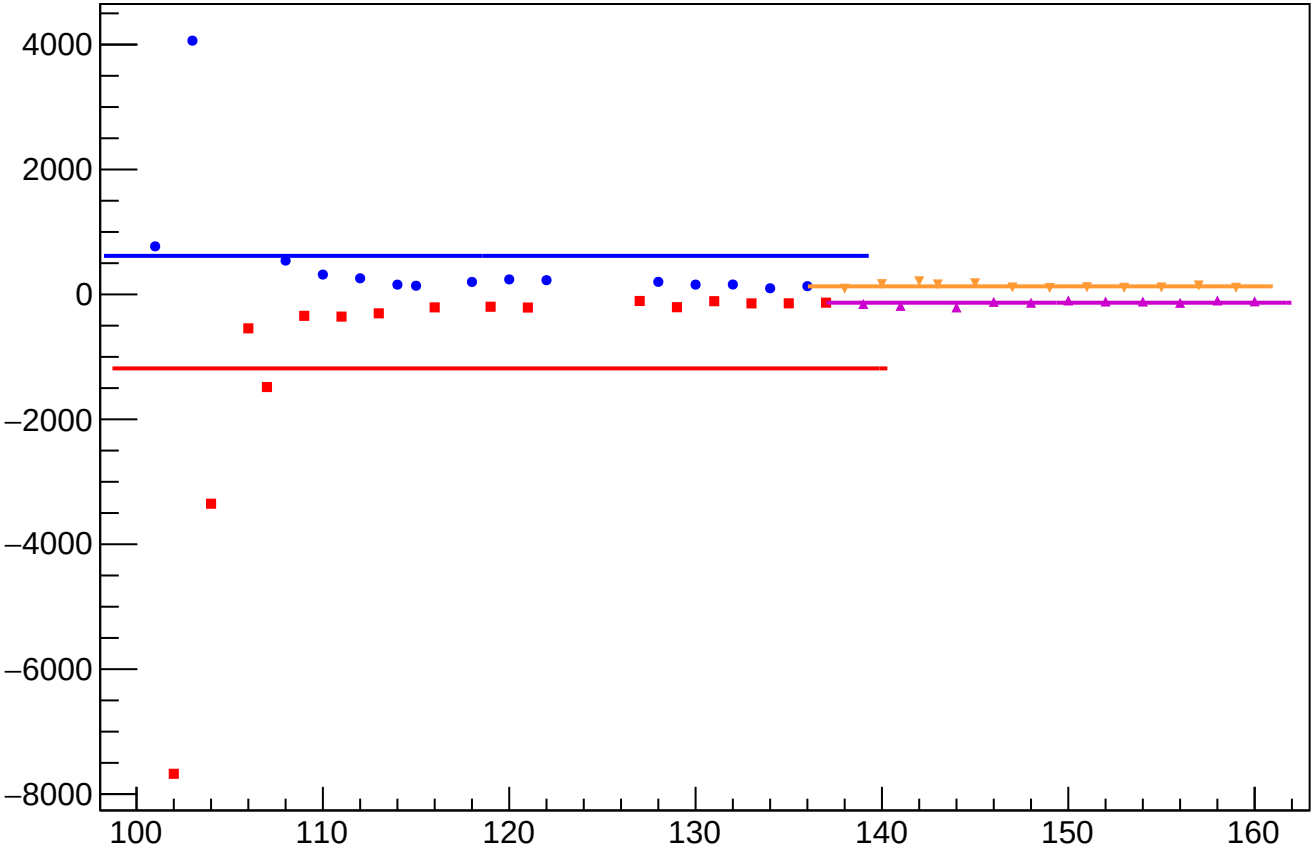
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -66.378+/-0.000 χ^2/NDF: 8728806118871986
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 582.152+/-0.000 χ^2/NDF:7008377264783148612573298976880171417 6.0/11
In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3
Right Out: -1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15
Out: -237.598+/-0.000 χ^2/NDF:795753517913564
Left In: -707.889+/-0.000 χ^2/NDF:3811648618881798069903242600243213 1072.0/10
All: 29.296+/-0.000 χ^2/NDF: 1689851779226

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.478+/-0.000 χ^2/NDF: 33670260224072050

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11

In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3

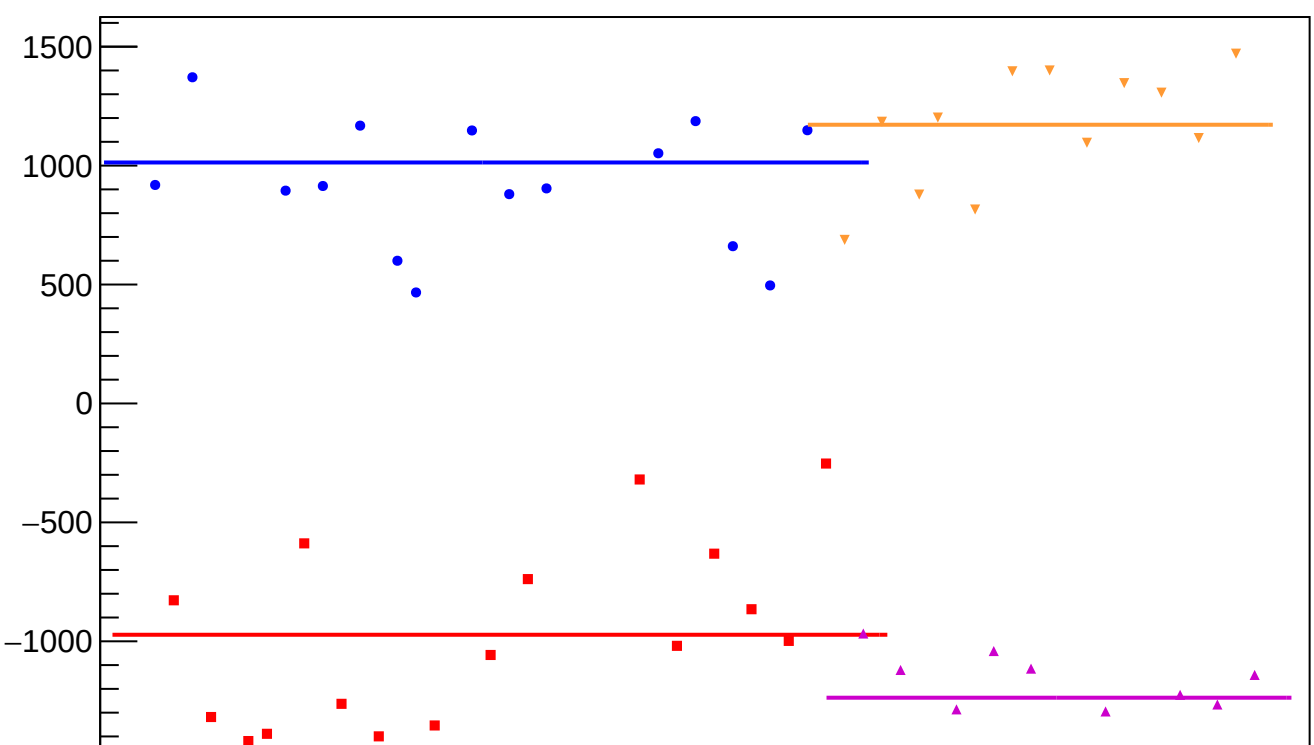
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

Out: -424.874+/-0.000 χ^2/NDF:383384679503055

Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10

All: -124.871+/-0.000 χ^2/NDF: 51271793033

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

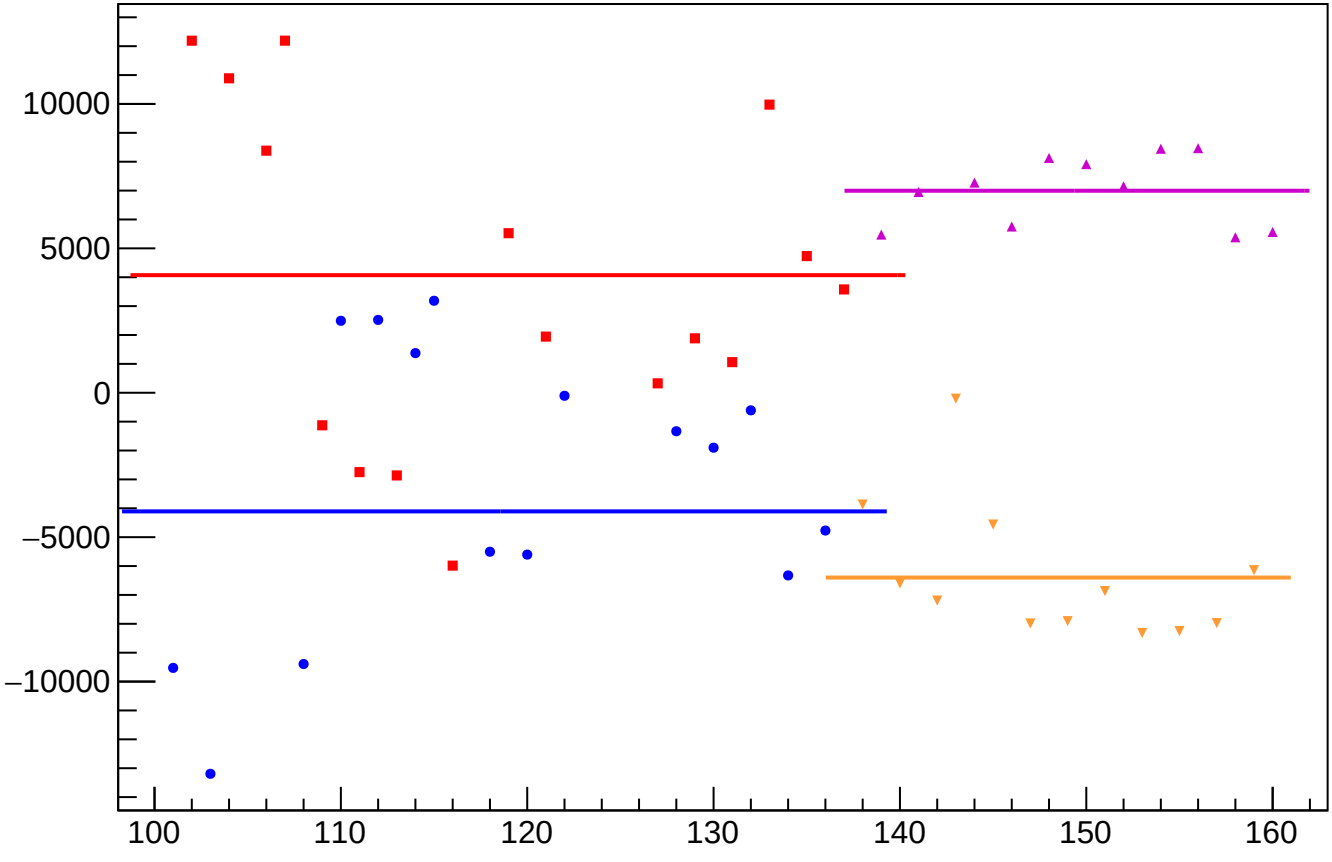
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl2_coil6_mean vs Slug, Sign Corrected



Left: 334.389+/-0.000 χ^2/NDF: 882200792503166

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

In: 2414.162+/-0.000 χ^2/NDF:6274970680925114

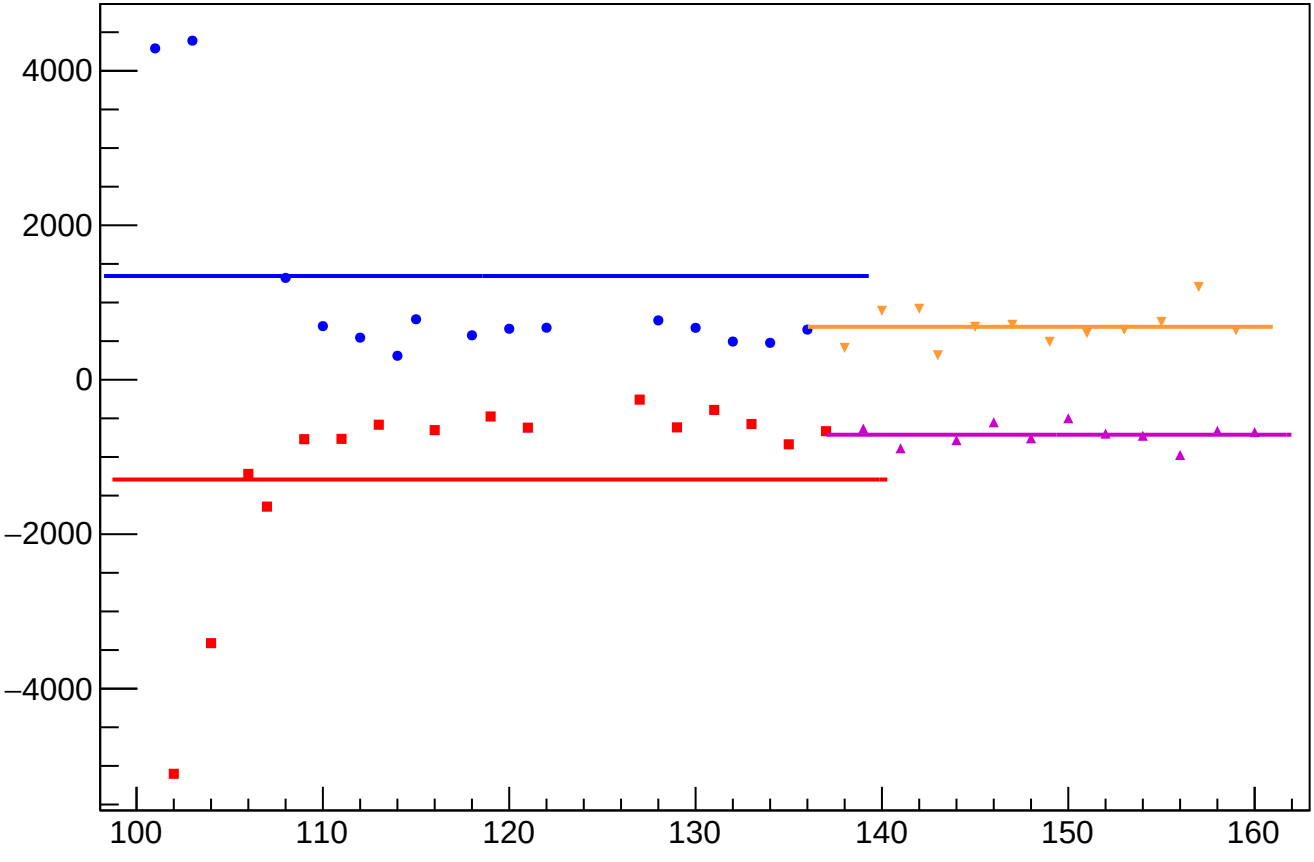
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: -1981.339+/-0.000 χ^2/NDF:67205872968541

Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

All: 210.837+/-0.000 χ^2/NDF: 14518963657 5

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -17.010+/-0.000 χ^2/NDF: 9589871877272368

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230

Left Out: 685.307+/-0.000 χ^2/NDF:463332490809858132337422121534582947 84.0/11

In: 136.160+/-0.000 χ^2/NDF:2943372362818716 0

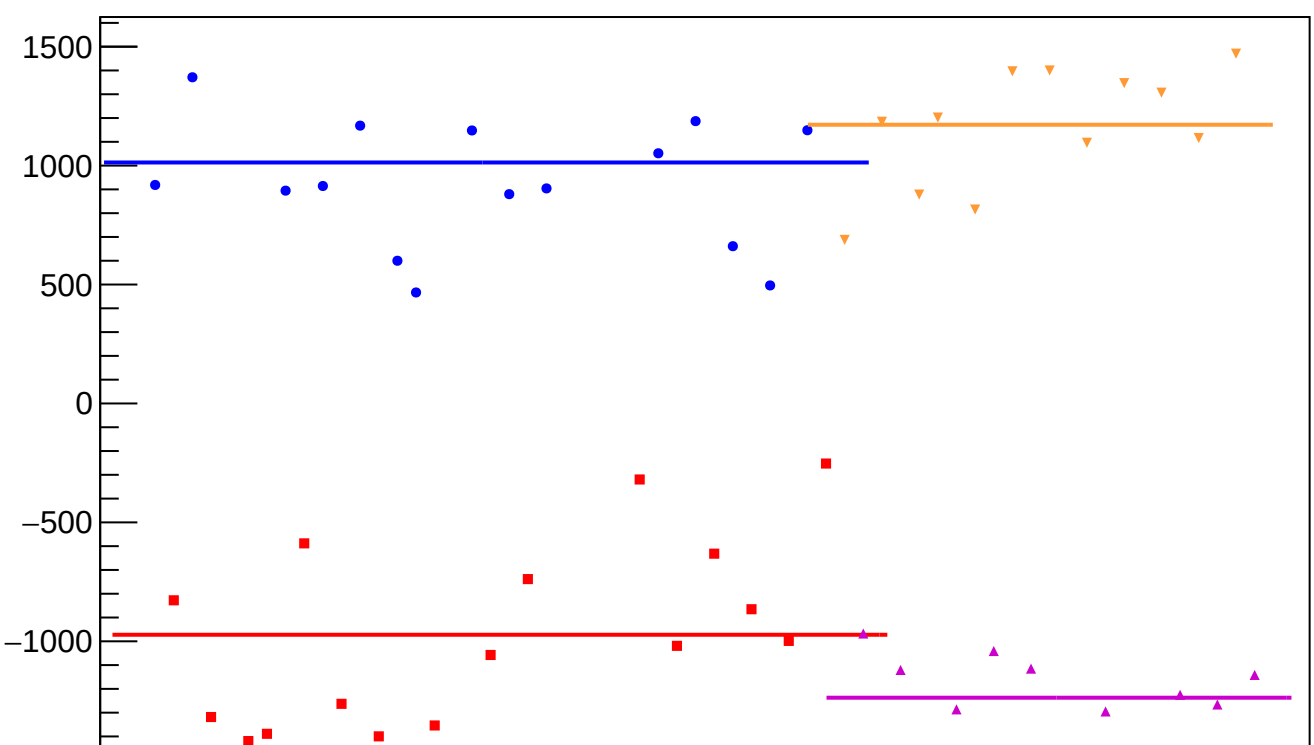
Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Out: -148.803+/-0.000 χ^2/NDF:287719999706056

Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

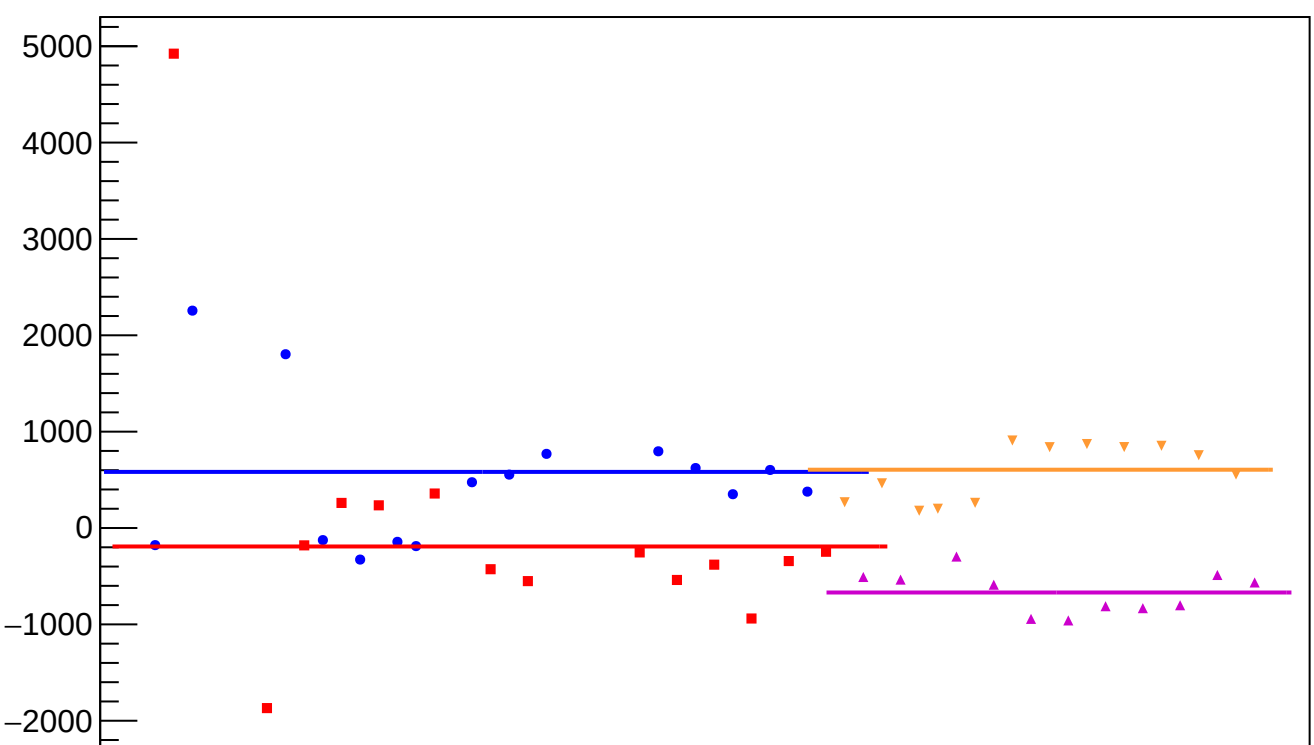
All: -6.683+/-0.000 χ^2/NDF: 5884601406998

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



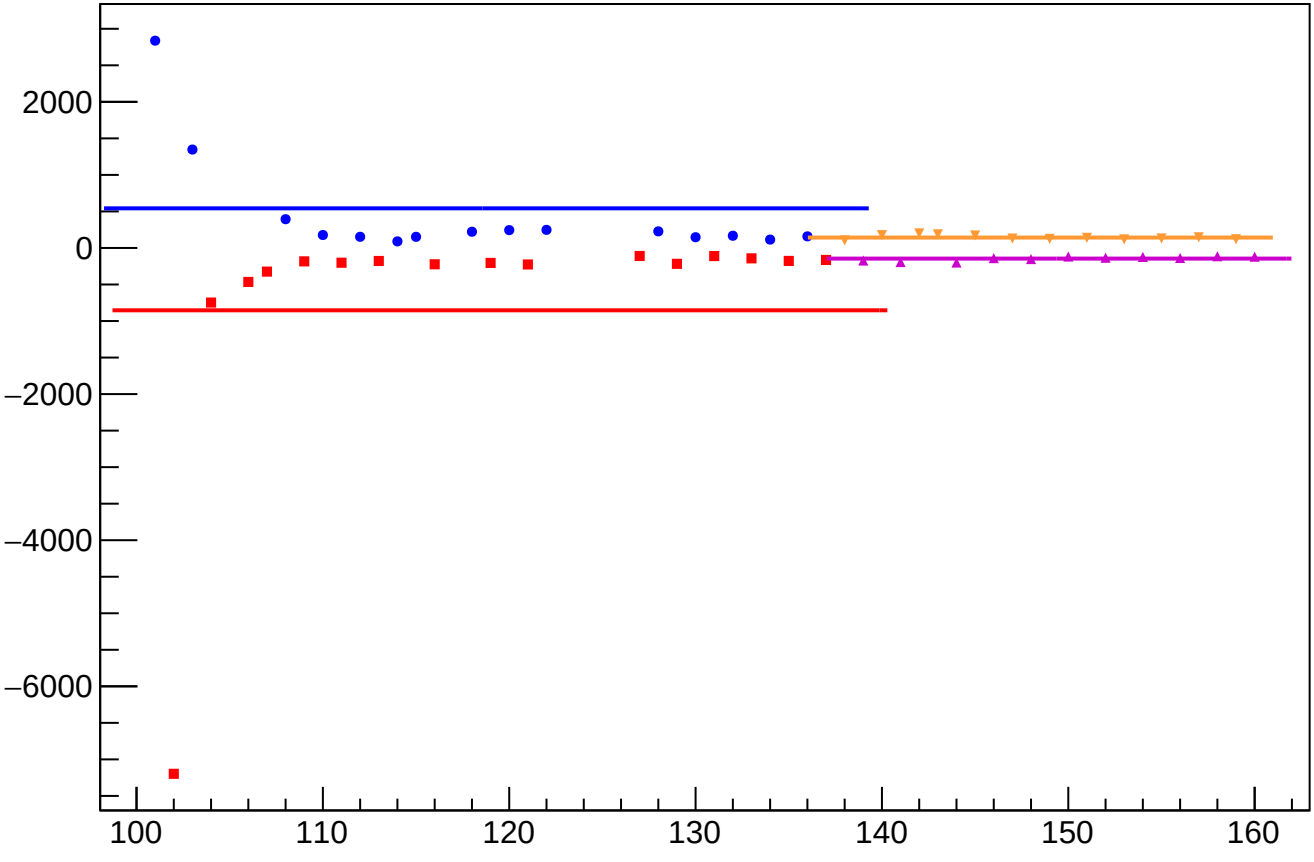
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr1_coil6_mean vs Slug, Sign Corrected



Left: -35.507+/-0.000 χ^2/NDF: 8534436967394536
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 605.074+/-0.000 χ^2/NDF:6791251524544619672993713088270591 5904.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.975+/-0.000 χ^2/NDF:2481404905102664
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.630+/-0.000 χ^2/NDF: 3597086809072

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.367+/-0.000 χ^2/NDF: 39549748395756711

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

Right: -164.982+/-0.000 χ^2/NDF: 36290648240362

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

In: 138.288+/-0.000 χ^2/NDF:5955245908966435

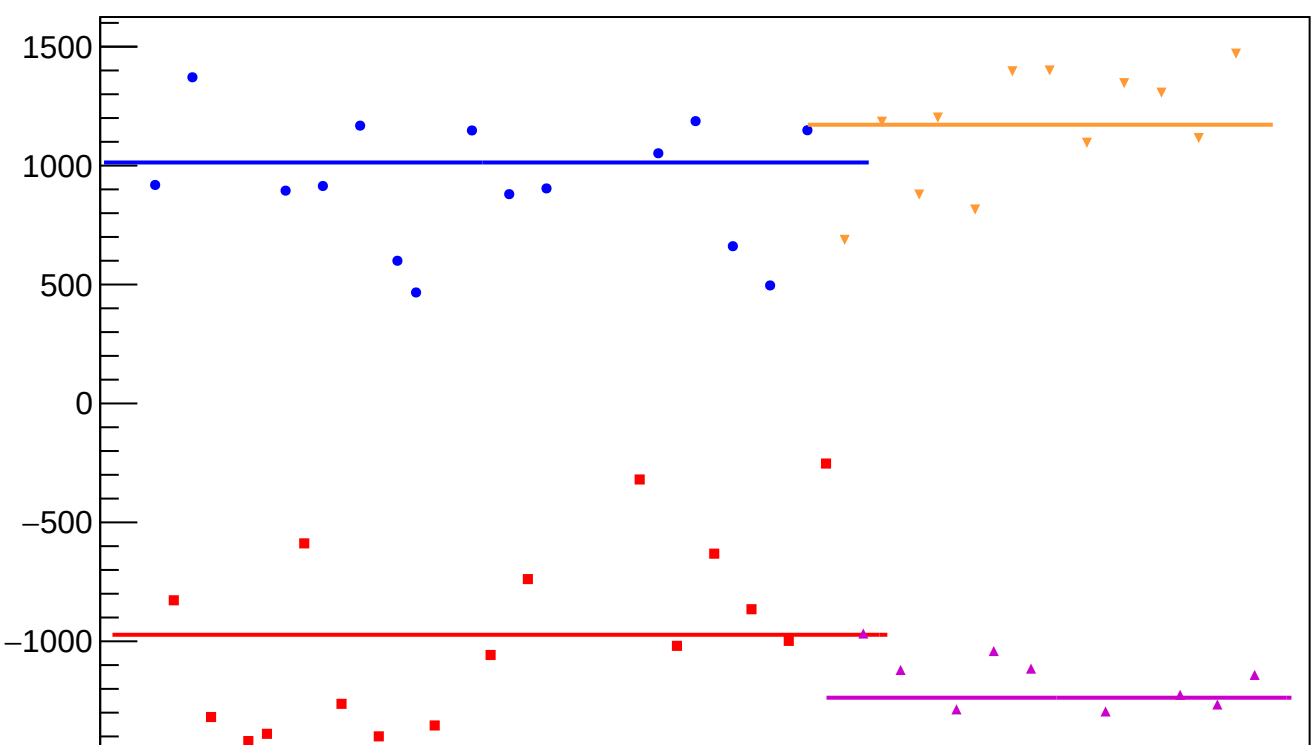
Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15

Out: -277.669+/-0.000 χ^2/NDF:295694420364328

Left In: -145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

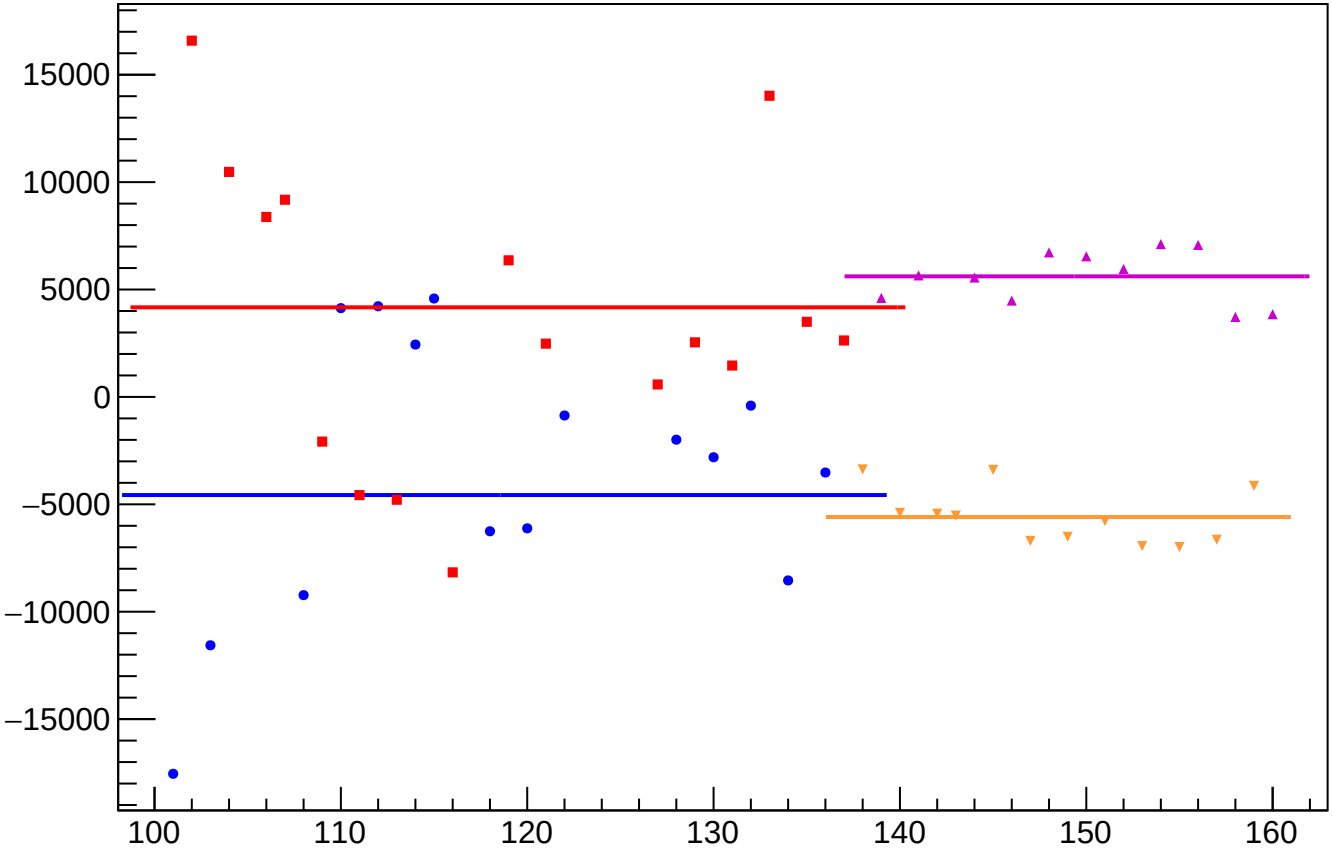
All: -70.218+/-0.000 χ^2/NDF: 36888941096 3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



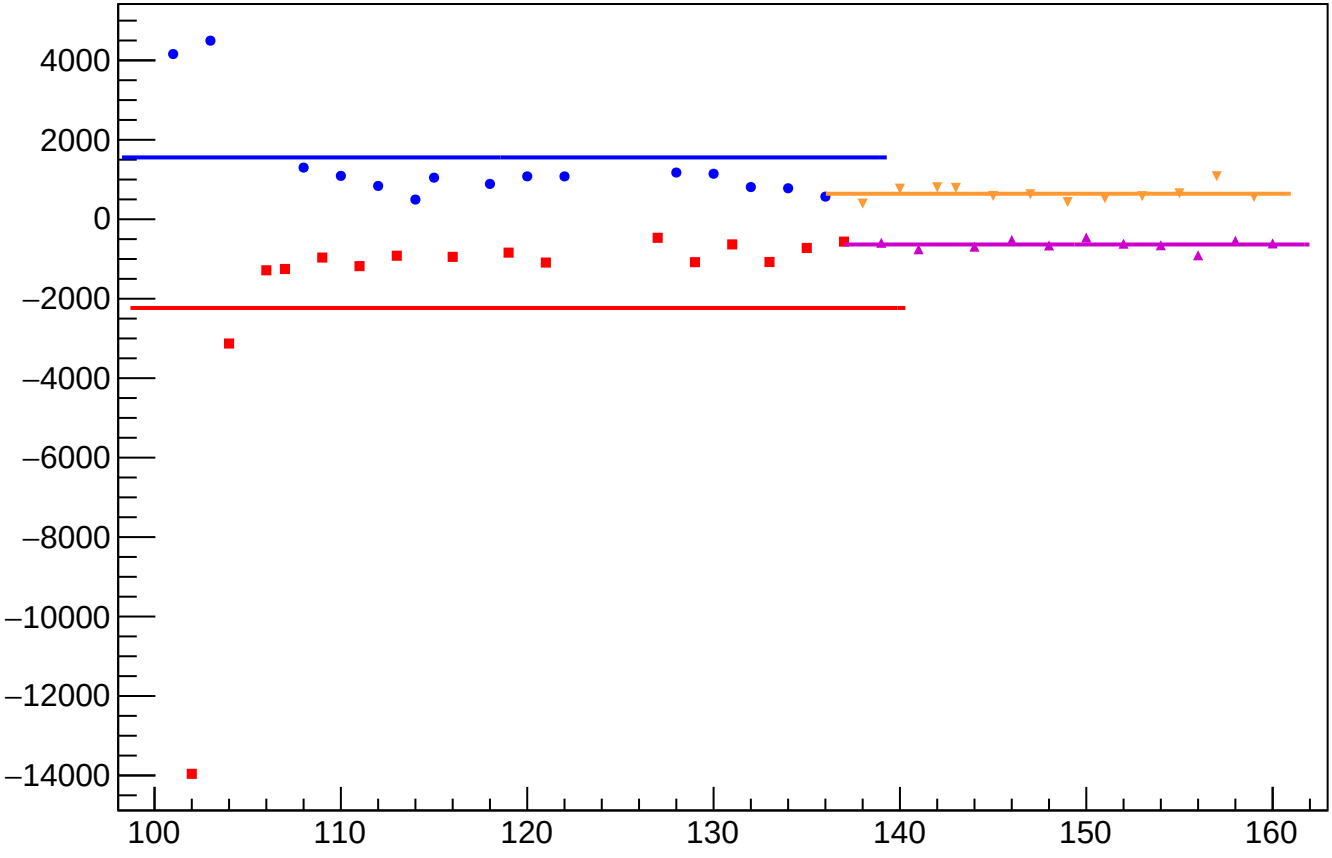
Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr2_coil6_mean vs Slug, Sign Corrected



Left: 40.816+/-0.000 χ^2/NDF: 6046809289017192
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5592.357+/-0.000 χ^2/NDF:150250799859091565006793475308868180377 6.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205 4
Right Out: 4170.773+/-0.000 χ^2/NDF: 309672488321879120411139095594811030241 28.0/15
Out: -1473.440+/-0.000 χ^2/NDF:69224914404037
Left In: 5613.024+/-0.000 χ^2/NDF:127221065993626195724813317350317096960 0.0/10
All: -34.210+/-0.000 χ^2/NDF: 140776657149

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 0.564+/-0.000 χ^2/NDF: 791773878076069145

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11

In: 269.551+/-0.000 χ^2/NDF:298230730661913 41

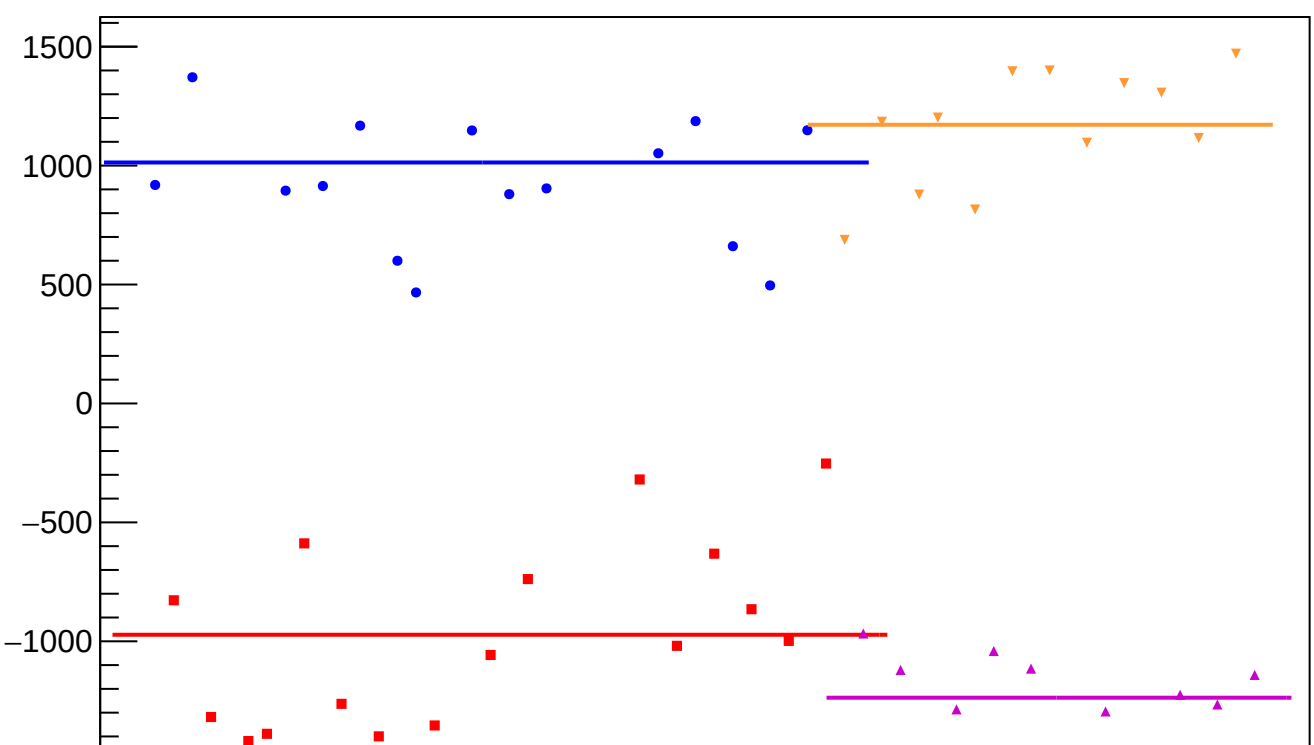
Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -570.347+/-0.000 χ^2/NDF:122079278406858

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

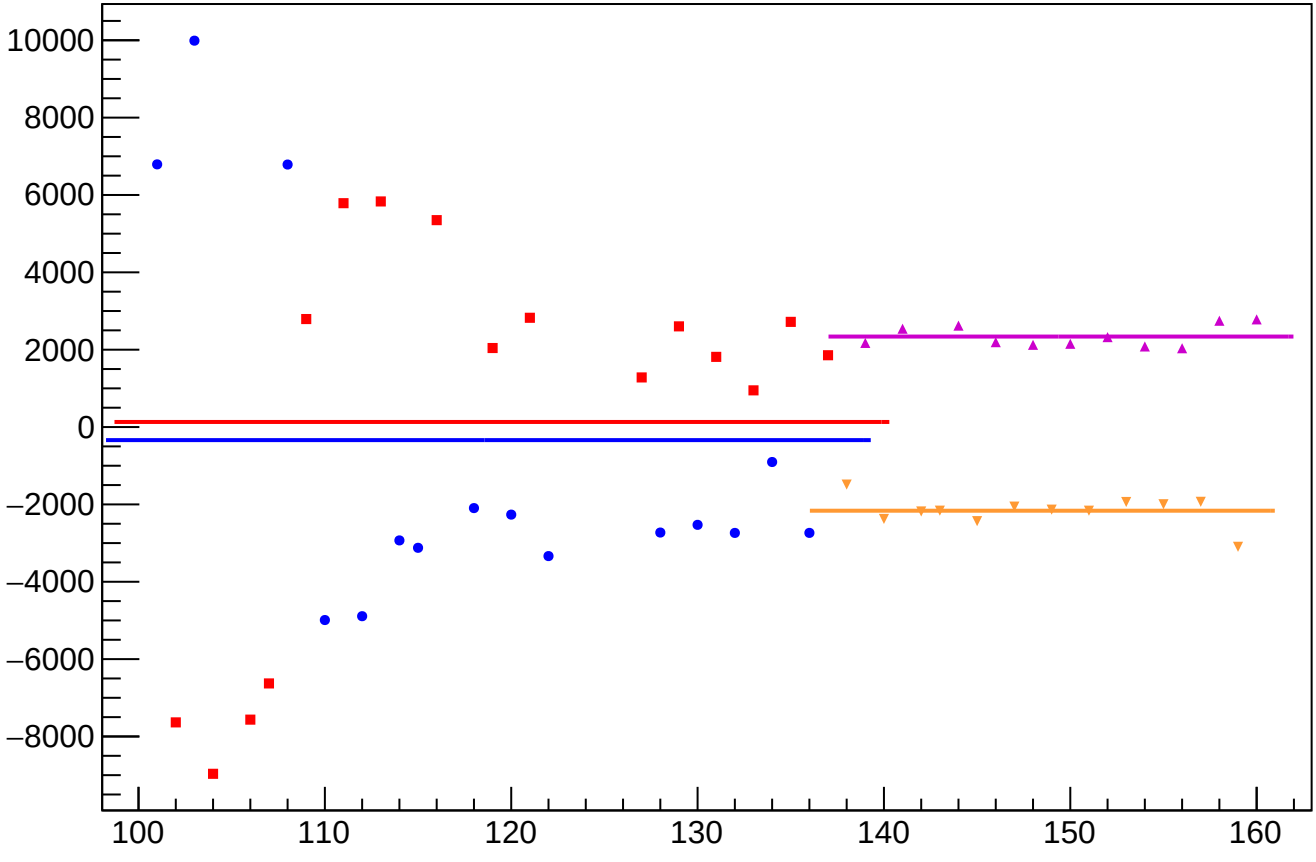
All: -151.463+/-0.000 χ^2/NDF: 15746462164

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 100.639+/-0.000 χ^2/NDF: 9504114139630339

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

Right: -99.949+/-0.000 χ^2/NDF: 316982138957514

Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11

In: 1234.934+/-0.000 χ^2/NDF:1794842889484232

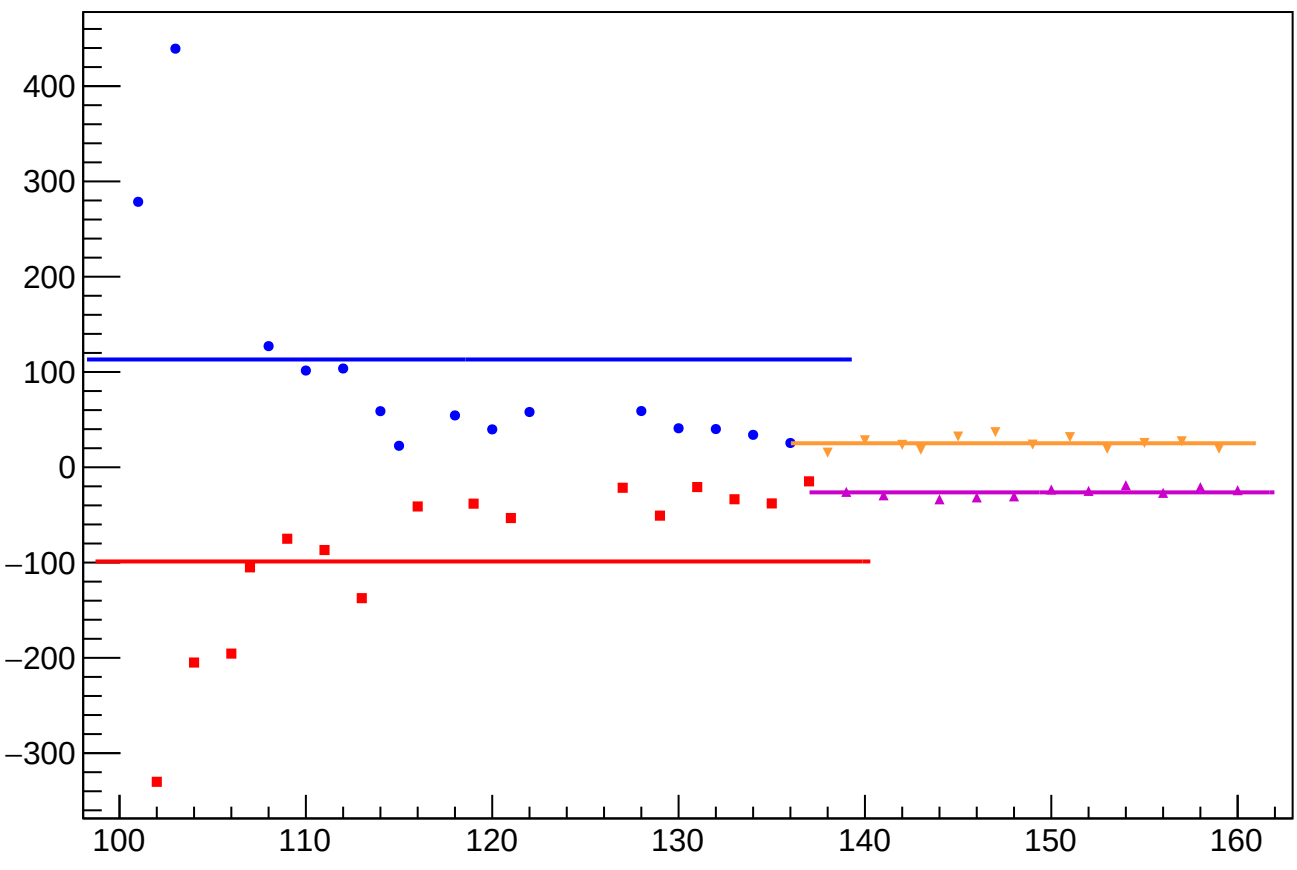
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

Out: -1194.883+/-0.000 χ^2/NDF:18629471707312

Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

All: 16.944+/-0.000 χ^2/NDF: 4123318495094

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -0.703+/-0.000 χ^2/NDF: 12737969644467641

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

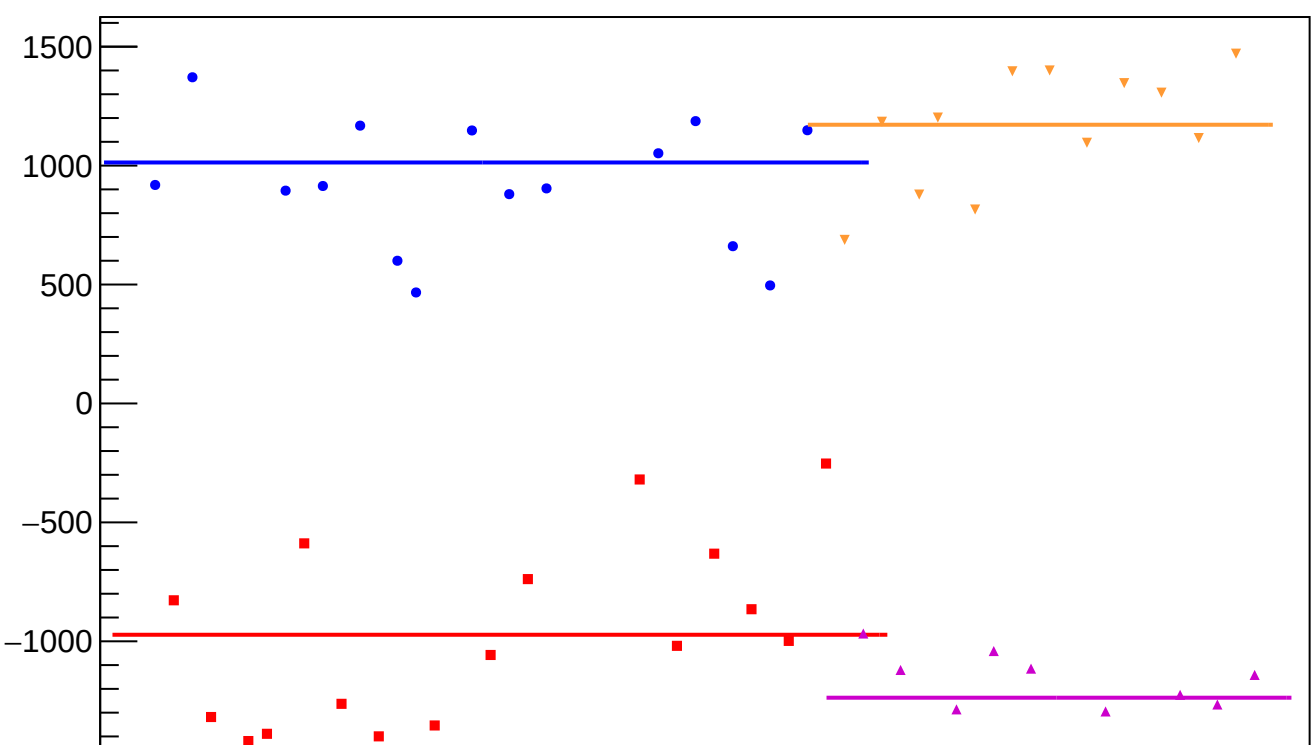
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.125+/-0.000 χ^2/NDF:1147829075591207

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.969+/-0.000 χ^2/NDF: 3158442544452 6

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

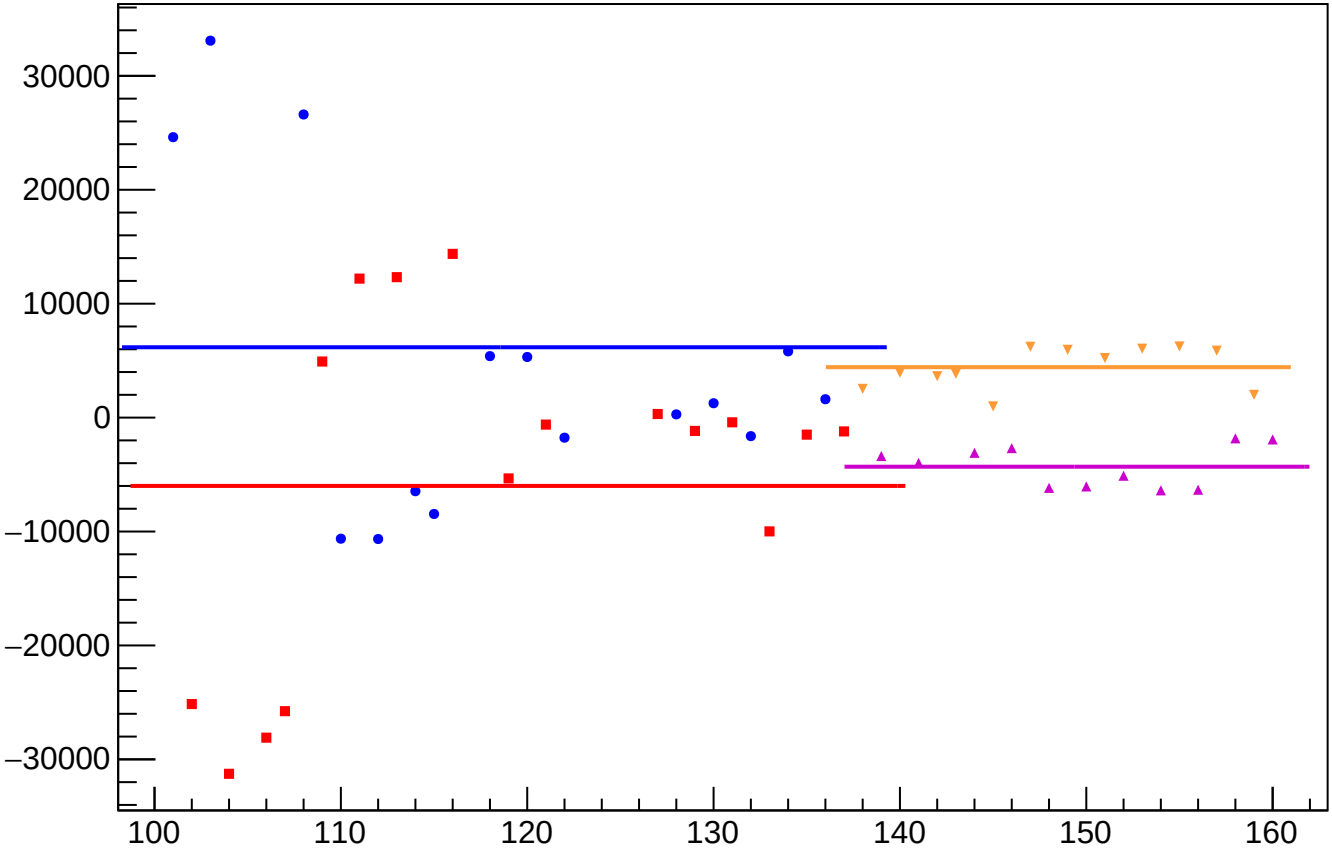
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

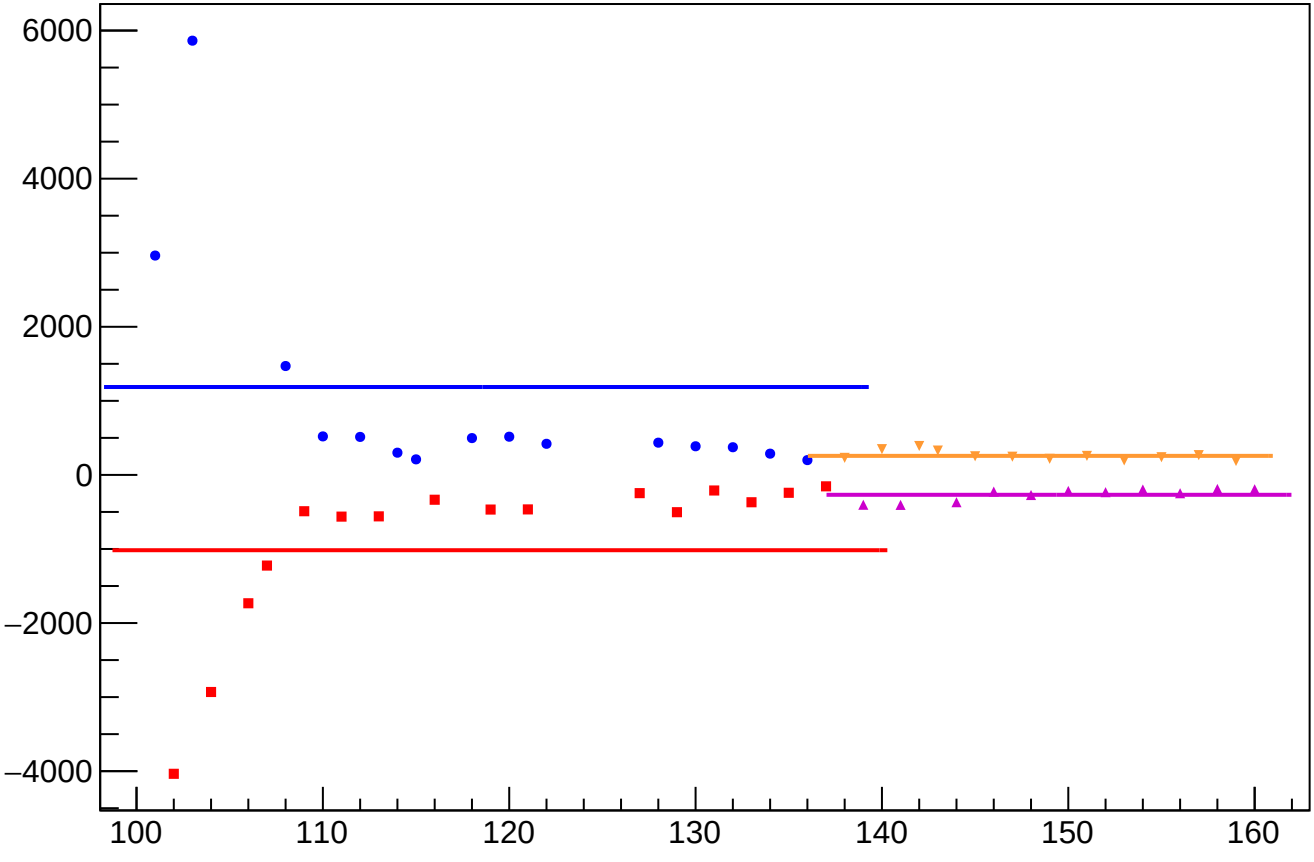
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam2_coil6_mean vs Slug, Sign Corrected



Left: 35.008+/-0.000 χ^2/NDF: 4067554181164901
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 30.024+/-0.000 χ^2/NDF:1818640147944198
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.962+/-0.000 χ^2/NDF: 3437312552543

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -7.049+/-0.000 χ^2/NDF: 1356437374052163 2

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683

Left Out: 257.255+/-0.000 χ^2/NDF:2781253601465669157863687249484316672.0/11

In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5

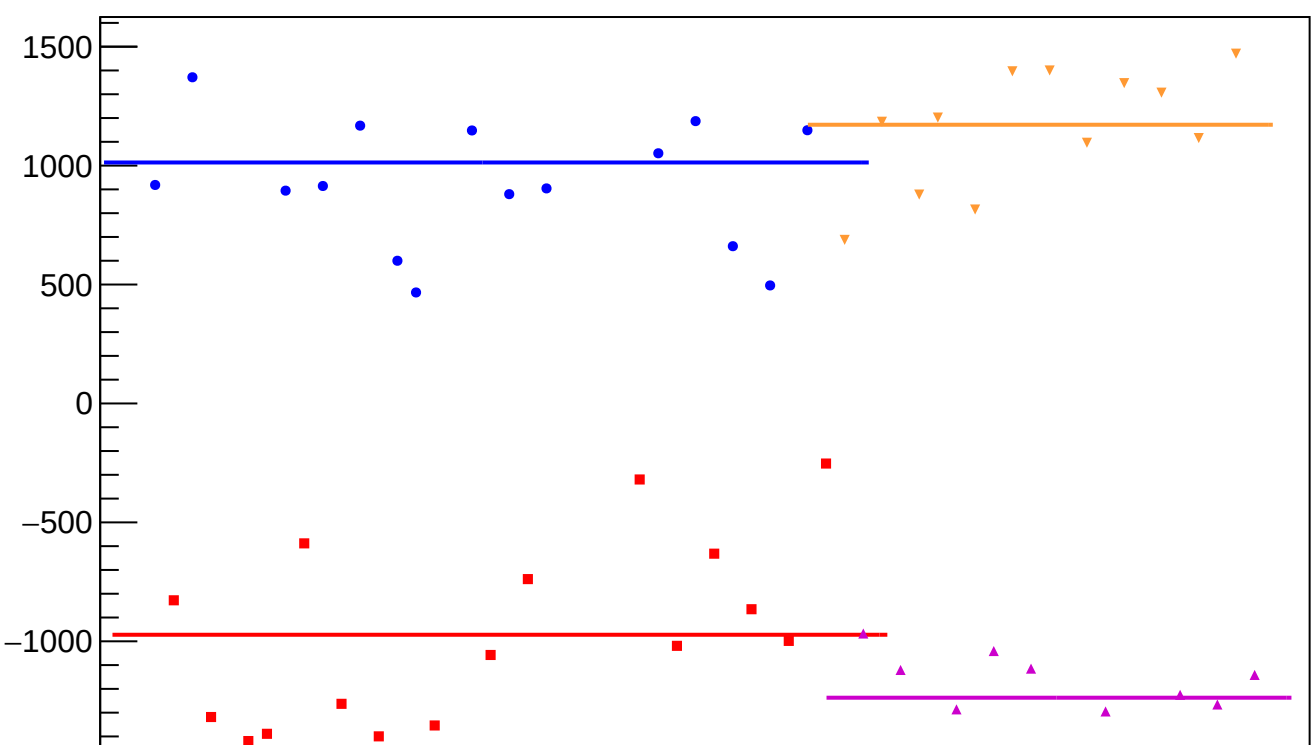
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

Out: -280.221+/-0.000 χ^2/NDF:155627640866420

Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10

All: 25.094+/-0.000 χ^2/NDF: 4461548431254

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

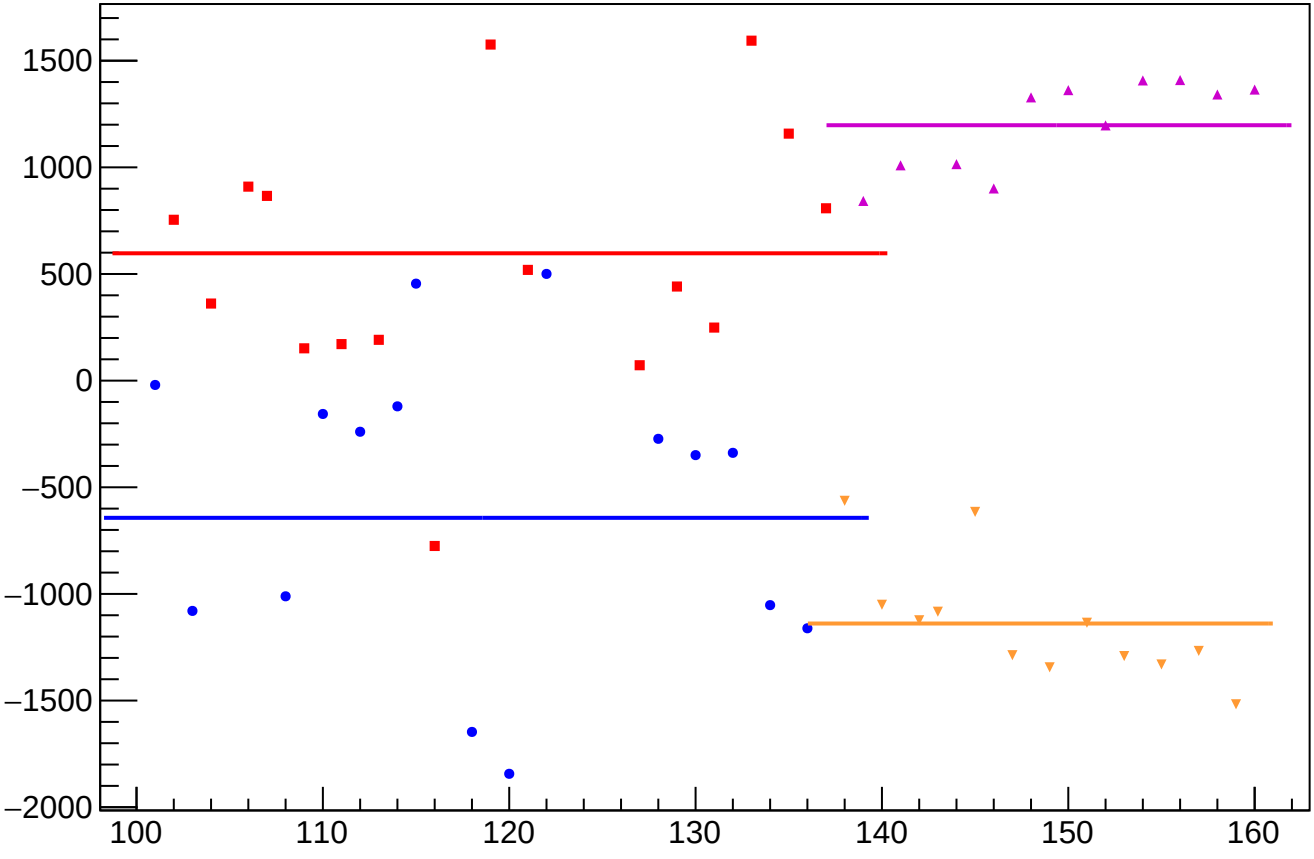
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

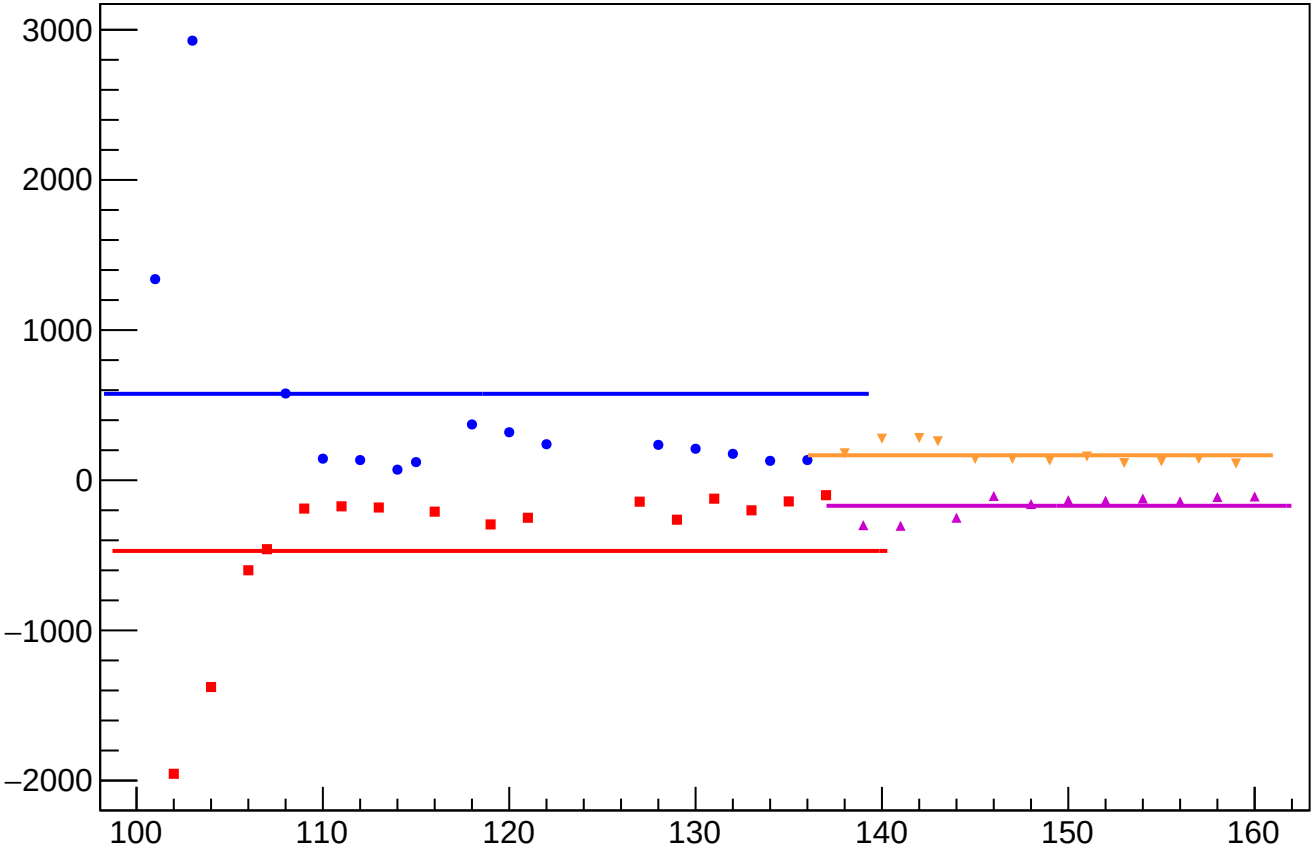
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam3_coil6_mean vs Slug, Sign Corrected



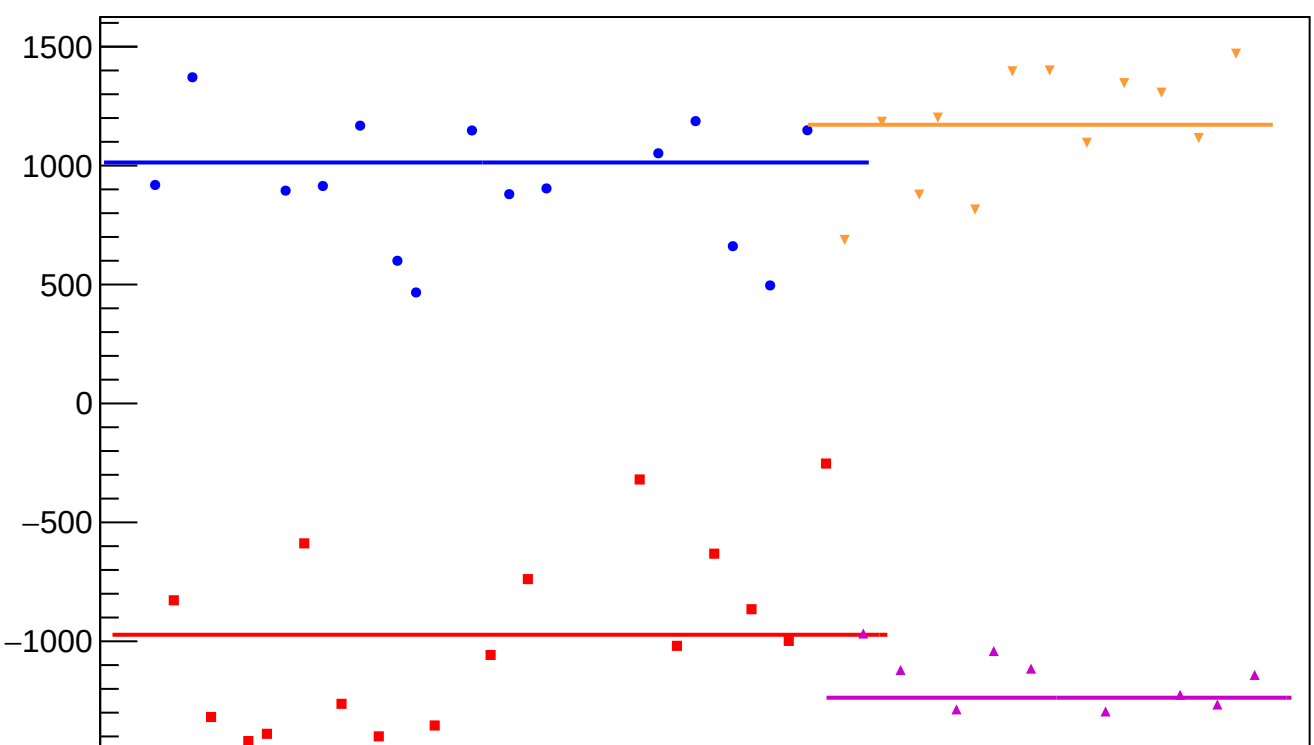
Left: 35.728+/-0.000 χ^2/NDF: 2617562196994142
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -1138.759+/-0.000 χ^2/NDF:7100618595342425427059079171817026355 2.0/11
In: 438.045+/-0.000 χ^2/NDF:160305698716382 82
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
Out: -406.450+/-0.000 χ^2/NDF:144356337261443
Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10
All: 14.726+/-0.000 χ^2/NDF: 360895317018 8

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -2.777+/-0.000 χ^2/NDF: 59914587397512786
Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14
Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510
Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11
In: 137.546+/-0.000 χ^2/NDF:6494694160664590
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15
Out: -102.413+/-0.000 χ^2/NDF:368866079354582
Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10
All: 17.262+/-0.000 χ^2/NDF: 1063737364413

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

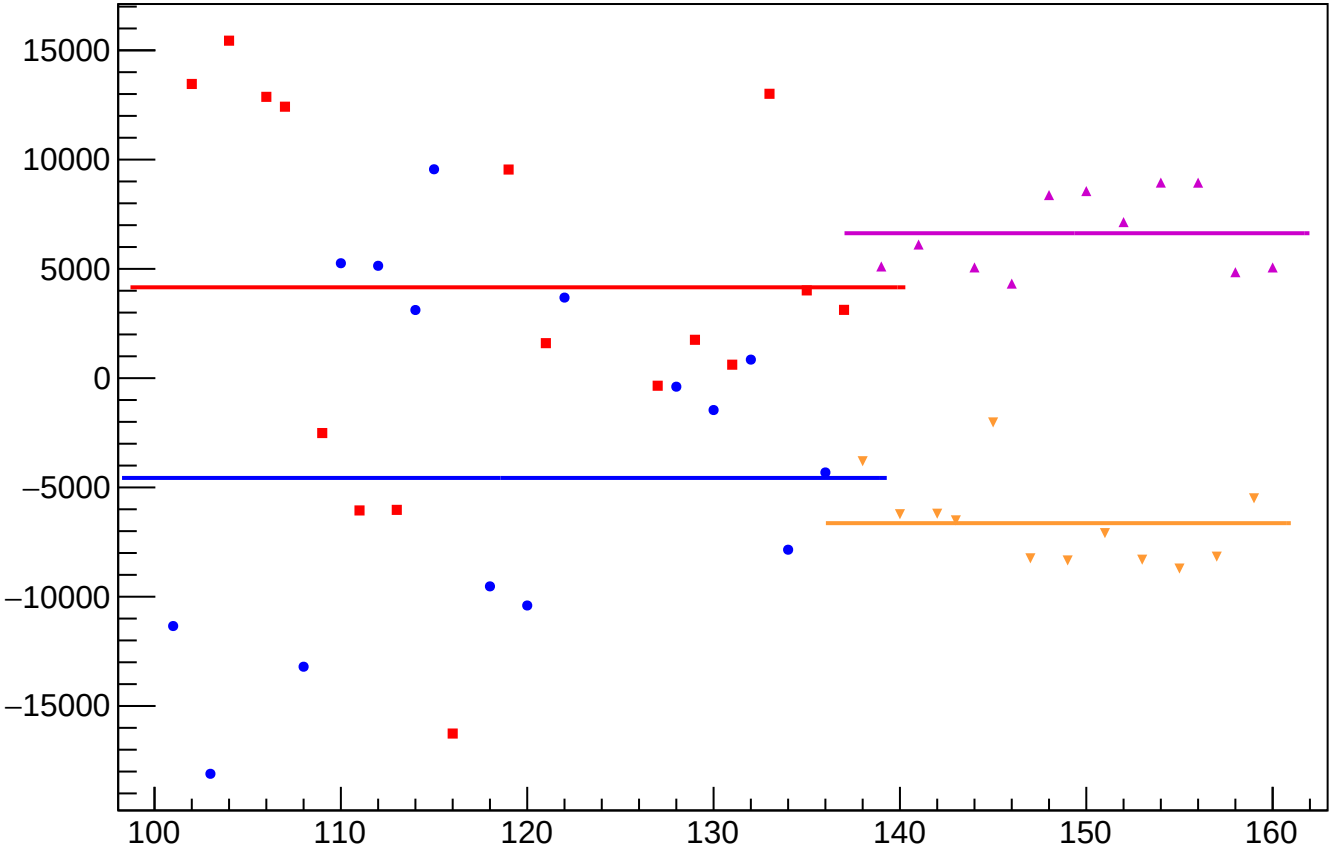
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

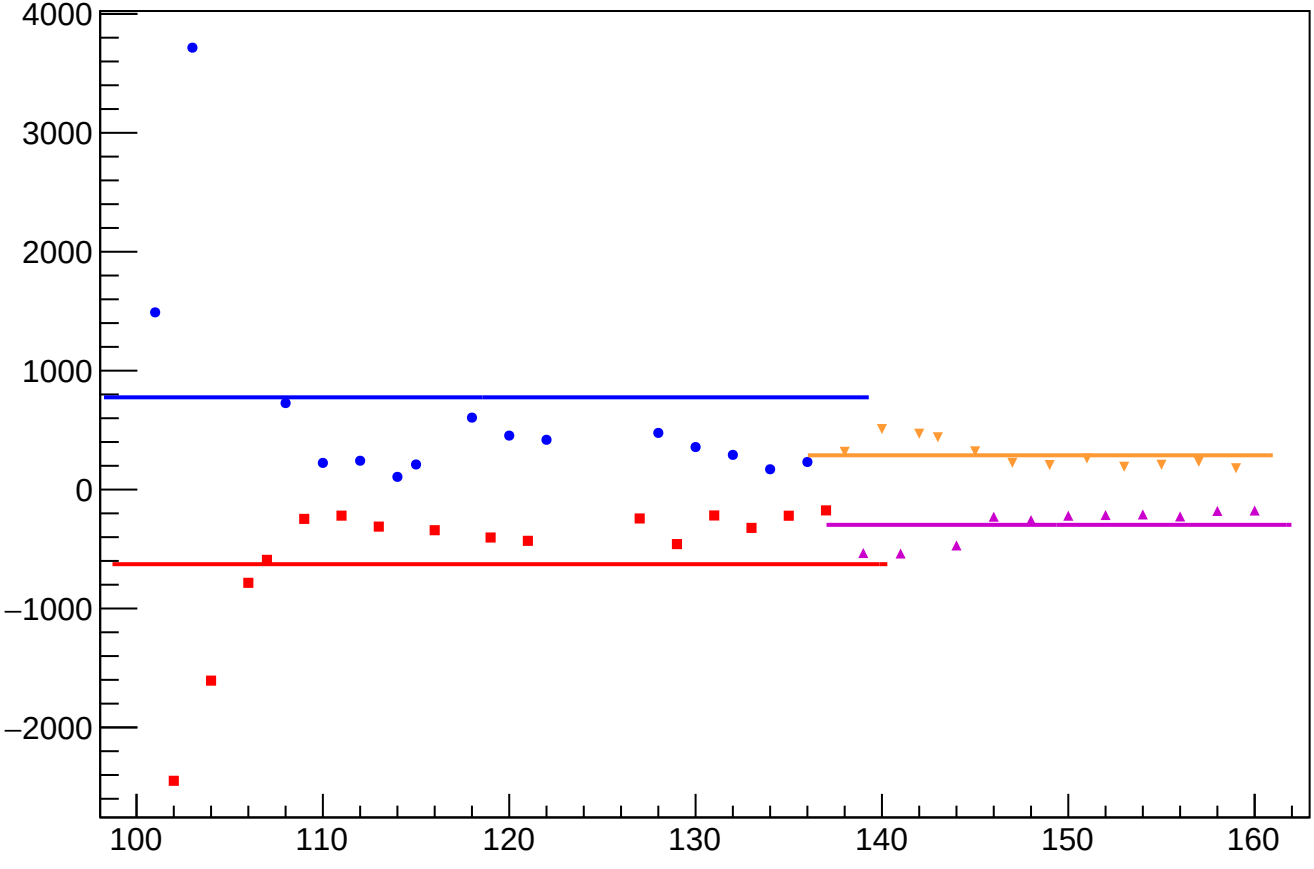
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 34.548+/-0.000 χ^2/NDF: 8733279042780031
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6634.457+/-0.000 χ^2/NDF:364015088040329978433954375699564540723 2.0/11
In: 2011.723+/-0.000 χ^2/NDF:862930841856365
Right Out: 4156.859+/-0.000 χ^2/NDF: 455394554416599271577084430999306821959 68.0/15
Out: -2081.764+/-0.000 χ^2/NDF:94084012188749
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.212+/-0.000 χ^2/NDF: 19358961743

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -5.735+/-0.000 χ^2/NDF: 18477712648236645

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872252254 72.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

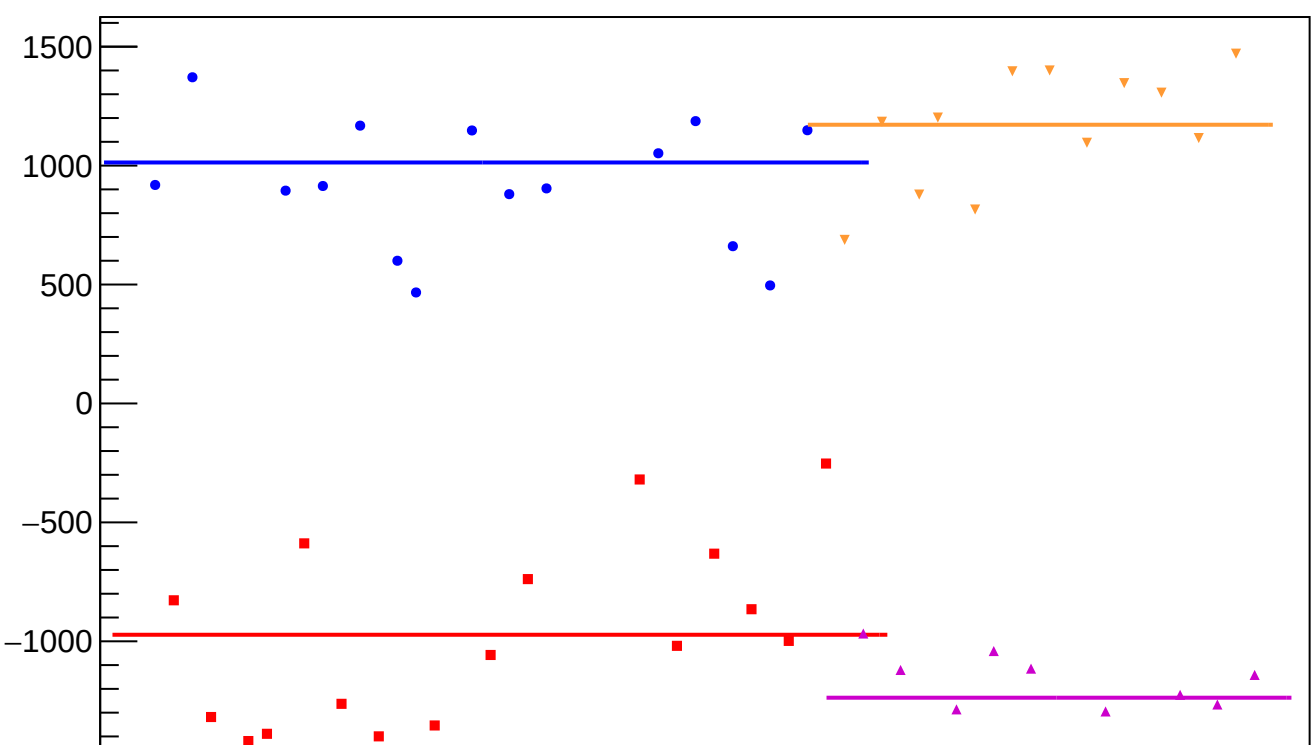
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -98.027+/-0.000 χ^2/NDF:6313426381503725

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.637+/-0.000 χ^2/NDF: 177556541085

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

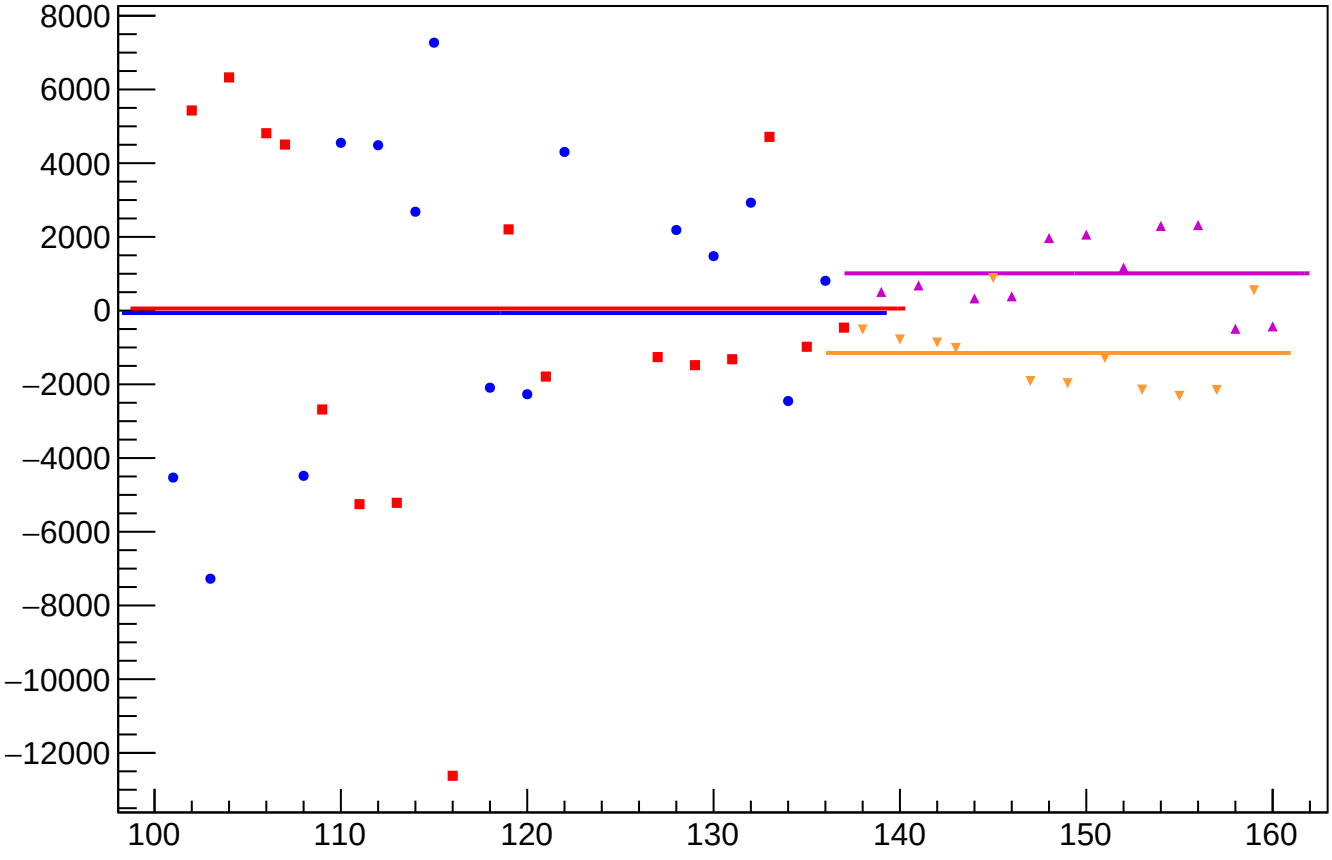
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

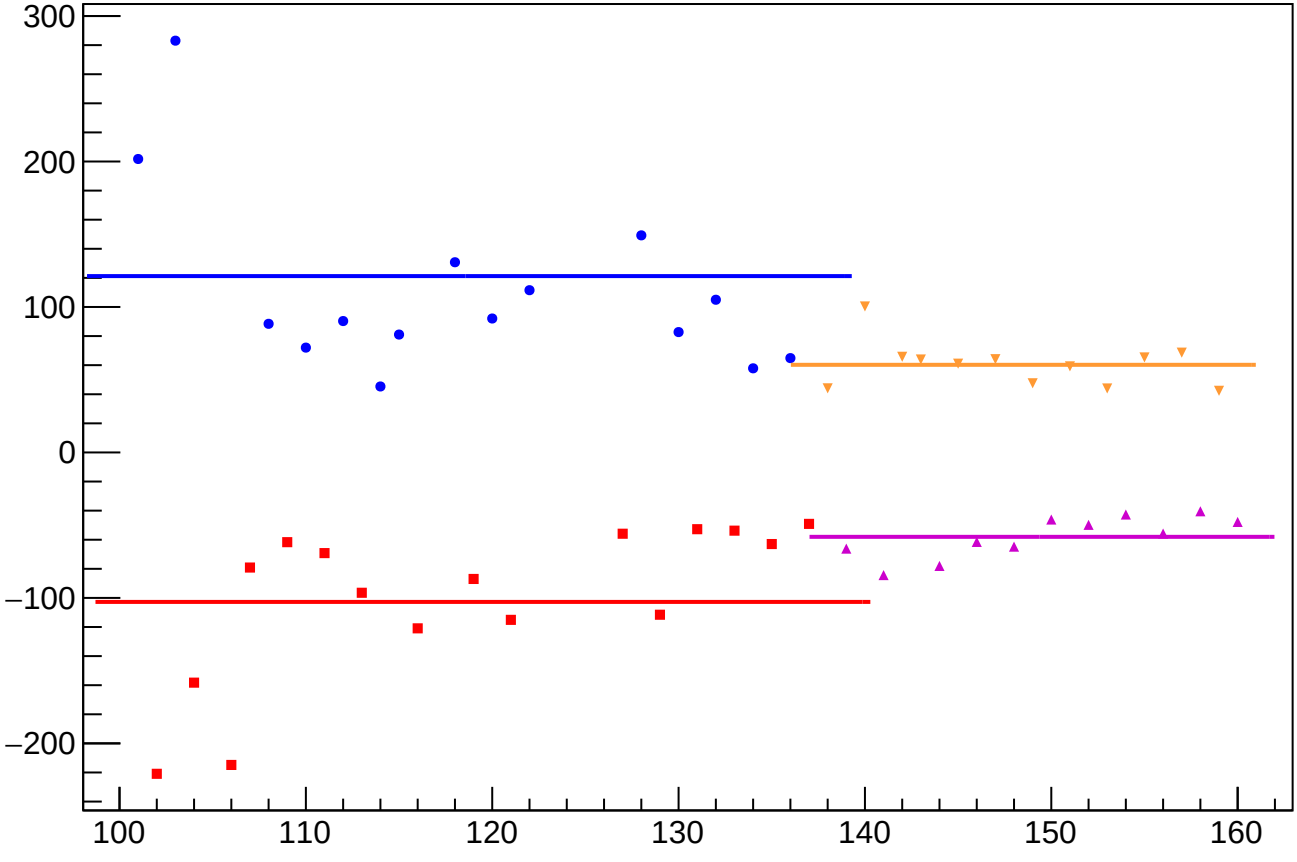
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam5_coil6_mean vs Slug, Sign Corrected



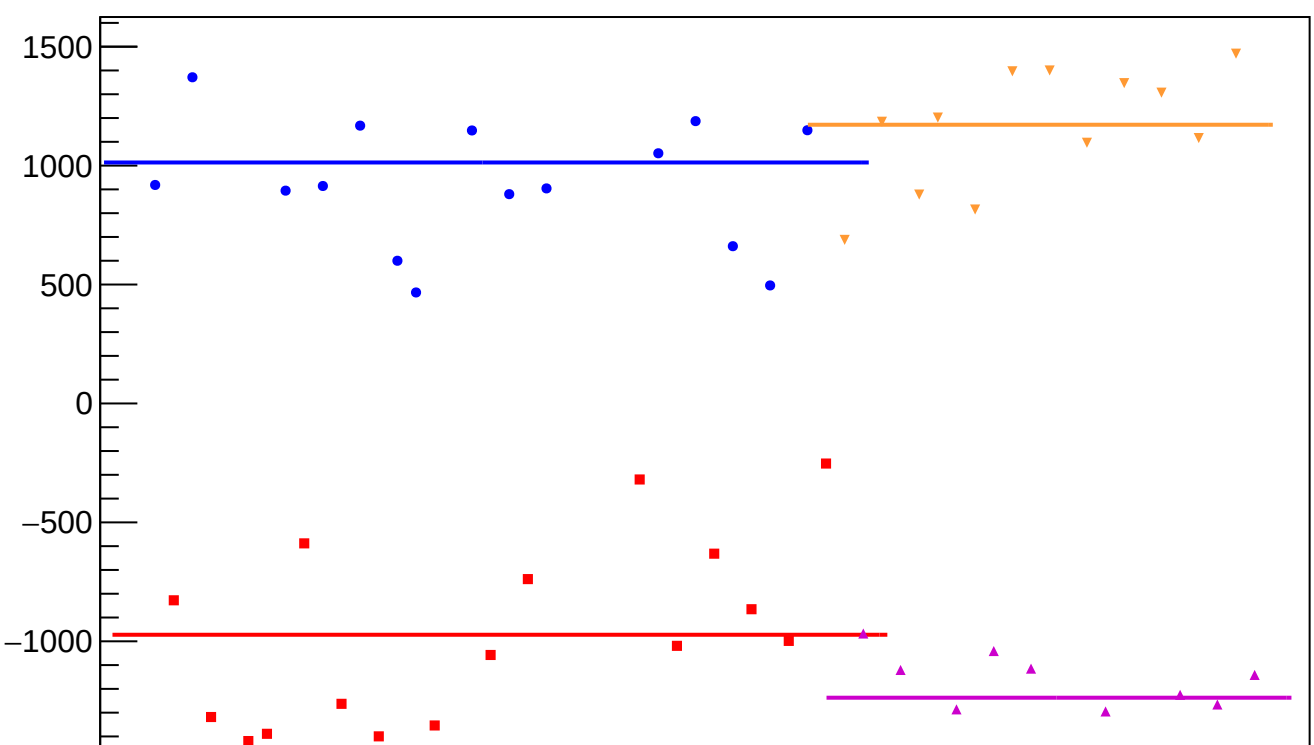
Left: -62.999+/-0.000 χ^2/NDF: 4025709858577995
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
In: 567.326+/-0.000 χ^2/NDF:1095954142307667
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15
Out: -640.131+/-0.000 χ^2/NDF:153194243932265
Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10
All: -37.934+/-0.000 χ^2/NDF: 274285540726

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



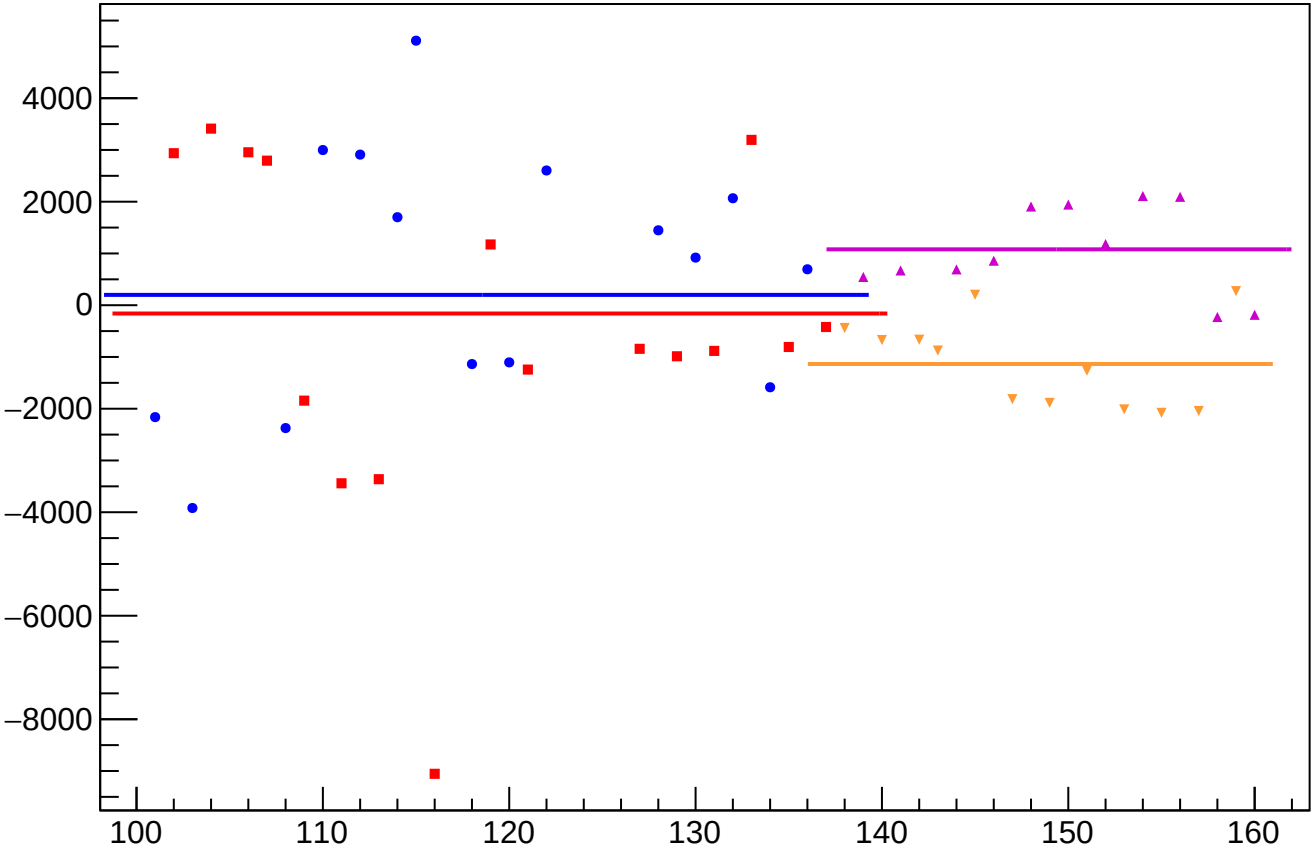
Left: 0.793+/-0.000 χ^2/NDF: 68275380749844430
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.239+/-0.000 χ^2/NDF:225102554491032869548797845500329984.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.523+/-0.000 χ^2/NDF:12436372618875294
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.678+/-0.000 χ^2/NDF: 28056421642135

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -21.924+/-0.000 χ^2/NDF: 3523794568652633

Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -1135.455+/-0.000 χ^2/NDF:6546975925965793491330100581789251665 92.0/11

In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8

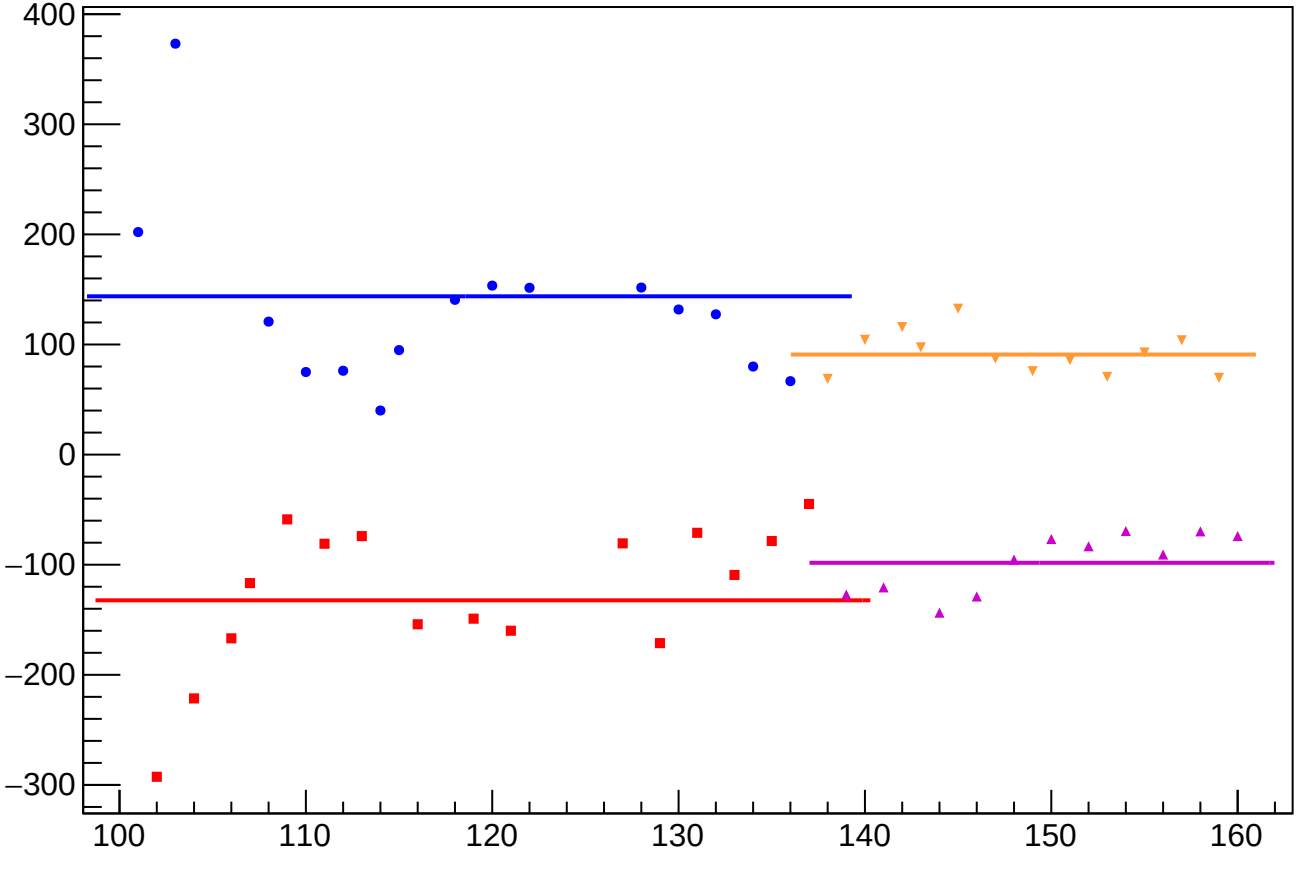
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -724.141+/-0.000 χ^2/NDF:6701794637577 53

Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10

All: -5.669+/-0.000 χ^2/NDF: 1251632905272

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -4.202+/-0.000 χ^2/NDF: 17384612750229045

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

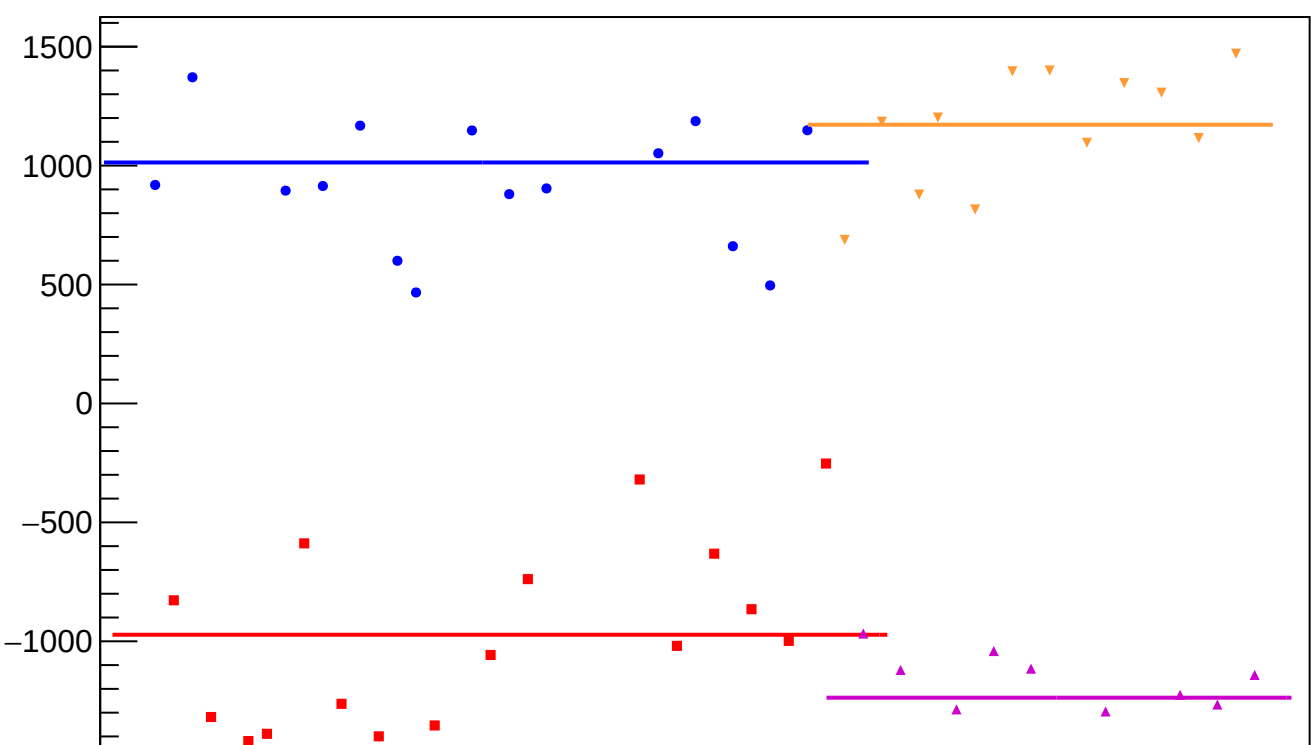
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.293+/-0.000 χ^2/NDF:22714212497857002

Left In: -98.257+/-0.000 χ^2/NDF:62099377677309339303336942847079 2192.0/10

All: -0.854+/-0.000 χ^2/NDF: 5019902274084

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

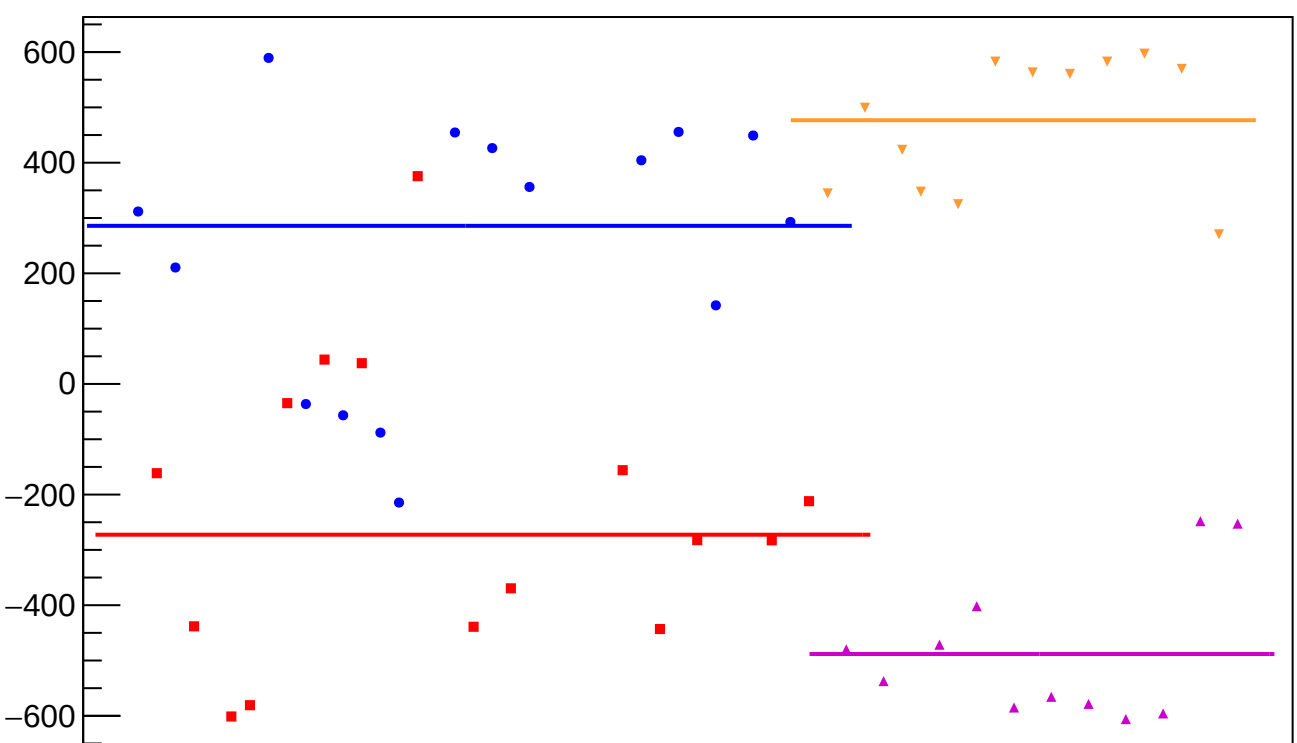
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

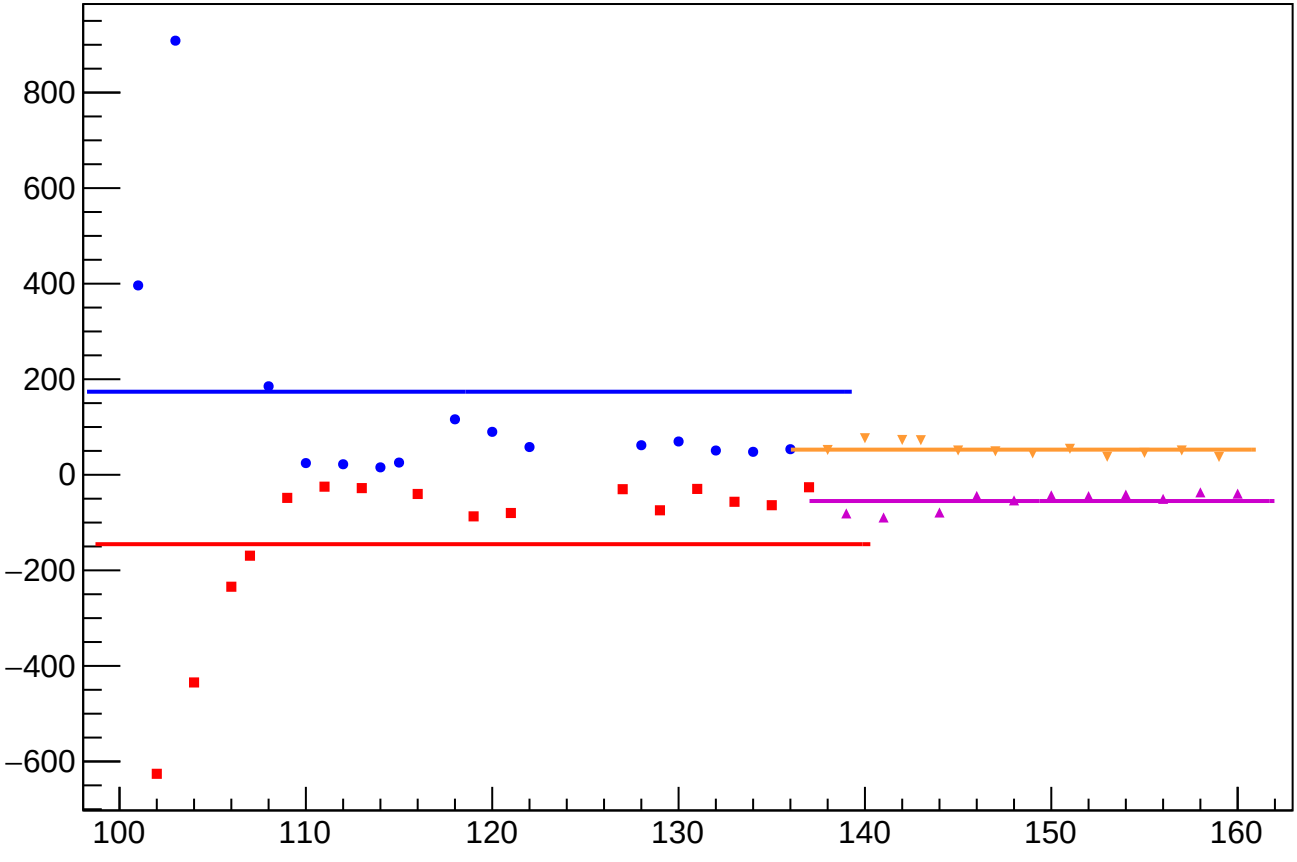
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: -8.329+/-0.000 χ^2/NDF: 4544089185144213
Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
Right: 2.840+/-0.000 χ^2/NDF: 1708227674194589 5
Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11
In: -168.836+/-0.000 χ^2/NDF:2663585226046871
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15
Out: 160.663+/-0.000 χ^2/NDF:2733623549167339
Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10
All: -3.669+/-0.000 χ^2/NDF: 6253273590333

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -1.410+/-0.000 χ^2/NDF: 57550913372035412

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.656+/-0.000 χ^2/NDF:14015942338588797669206616754146508 8.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

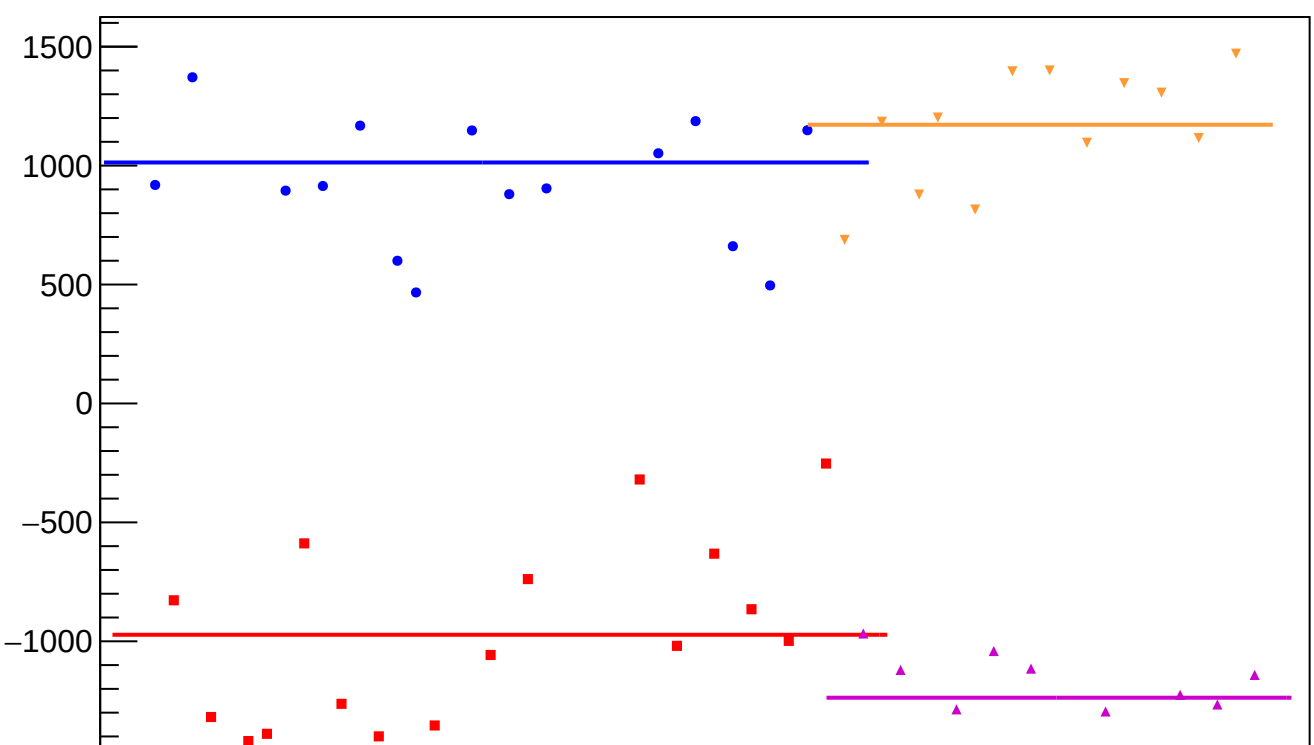
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.828+/-0.000 χ^2/NDF:3776923807481634

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.243+/-0.000 χ^2/NDF: 1036248534255 5

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

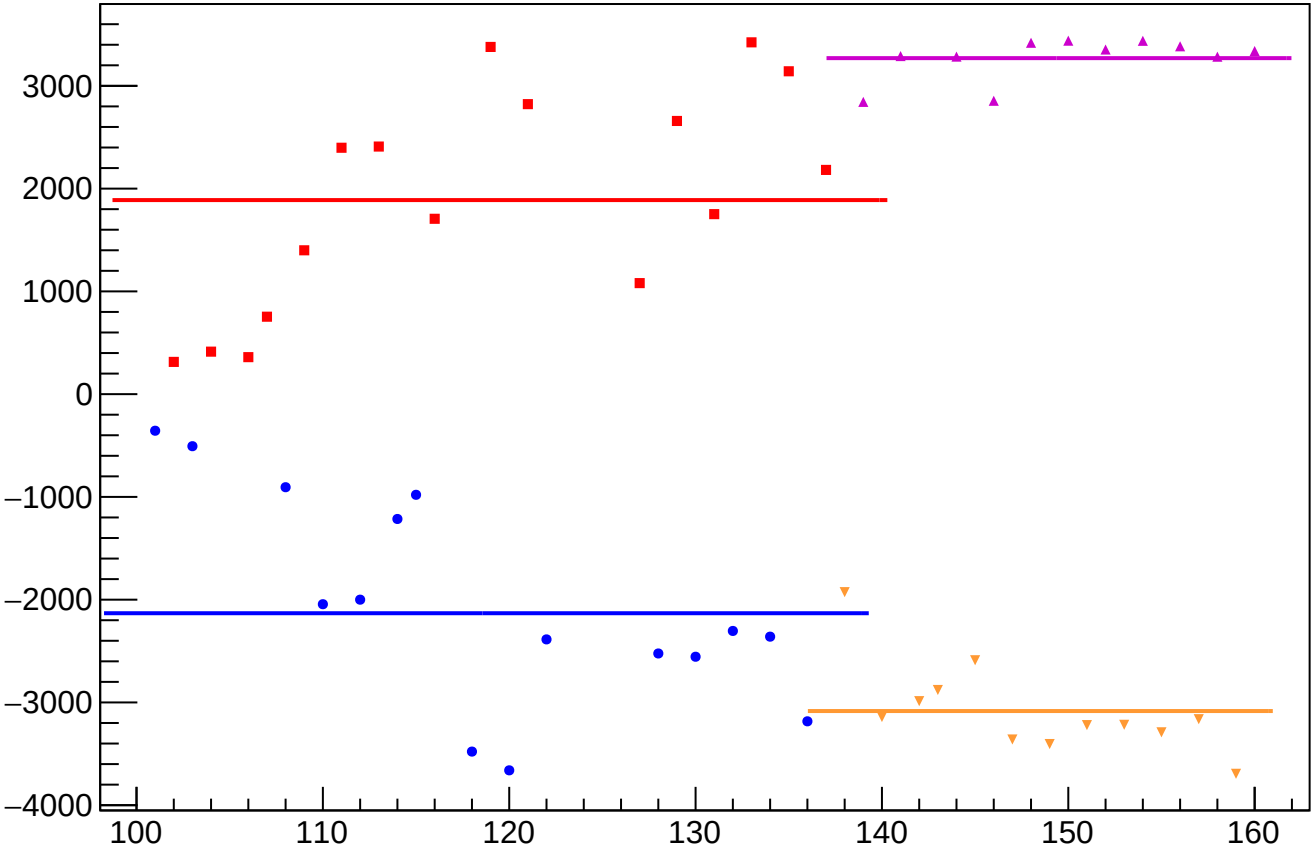
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

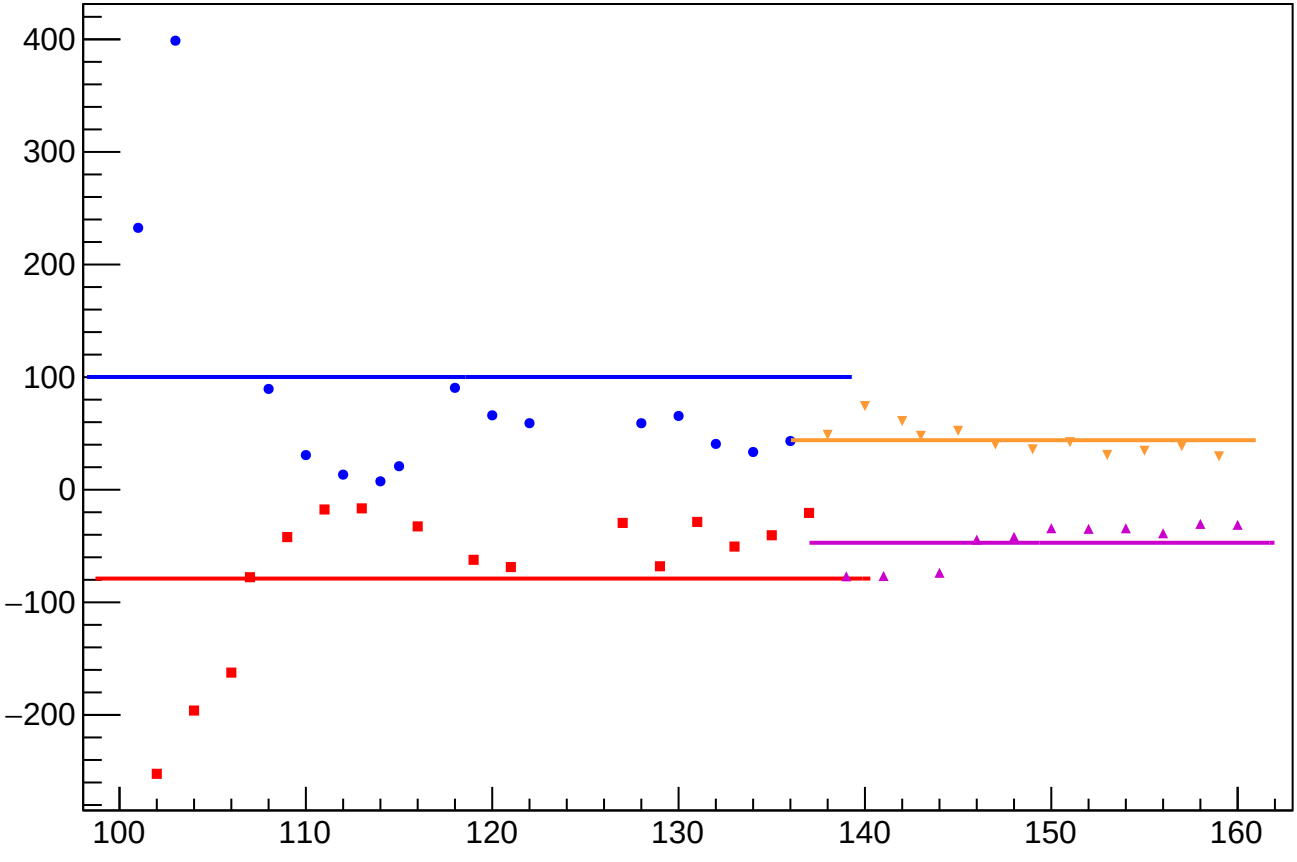
All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 110.297+/-0.000 χ^2/NDF: 1876439765485971
Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
Right: -94.234+/-0.000 χ^2/NDF: 683113062504059
Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11
In: 1041.098+/-0.000 χ^2/NDF:1188405782367471
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
Out: -986.042+/-0.000 χ^2/NDF:105033900940683
Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10
All: 24.957+/-0.000 χ^2/NDF: 2562760992420

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: -1.797+/-0.000 χ^2/NDF: 42588434917302014

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

In: 13.652+/-0.000 χ^2/NDF:16380012936248555

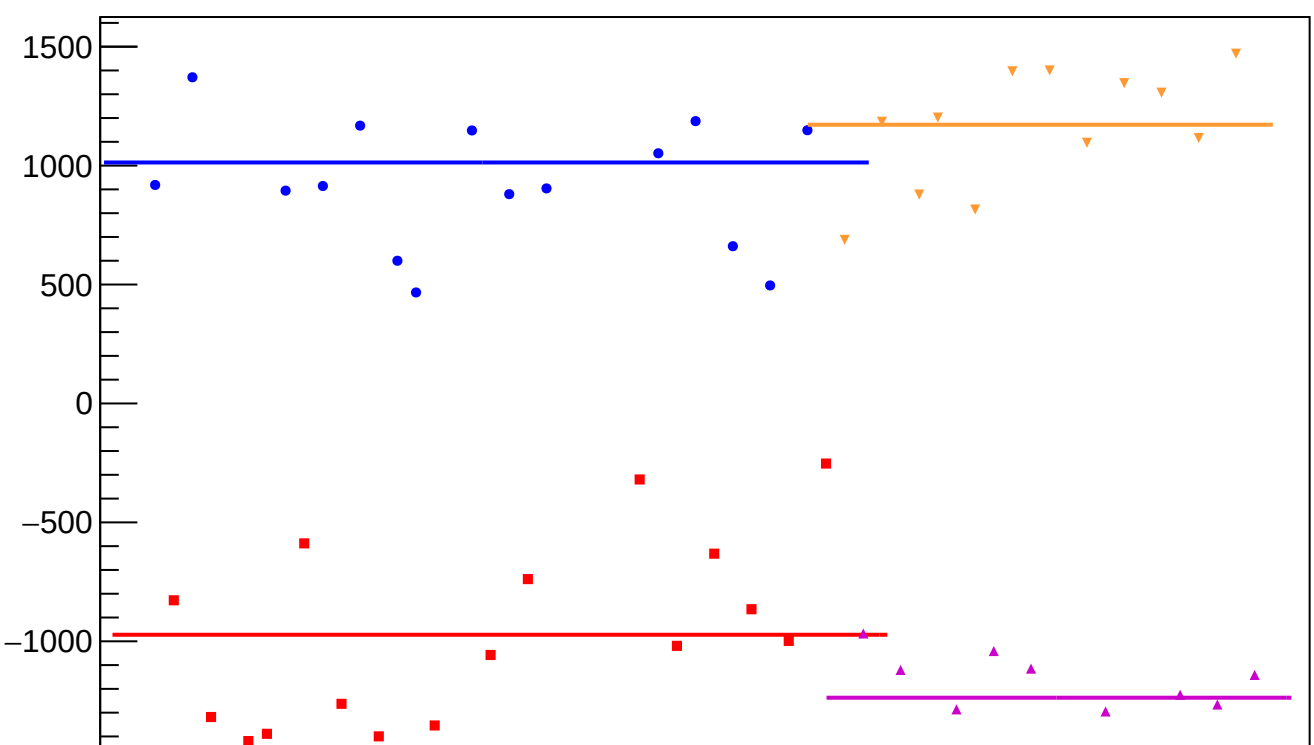
Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -7.845+/-0.000 χ^2/NDF:94911269536078839

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

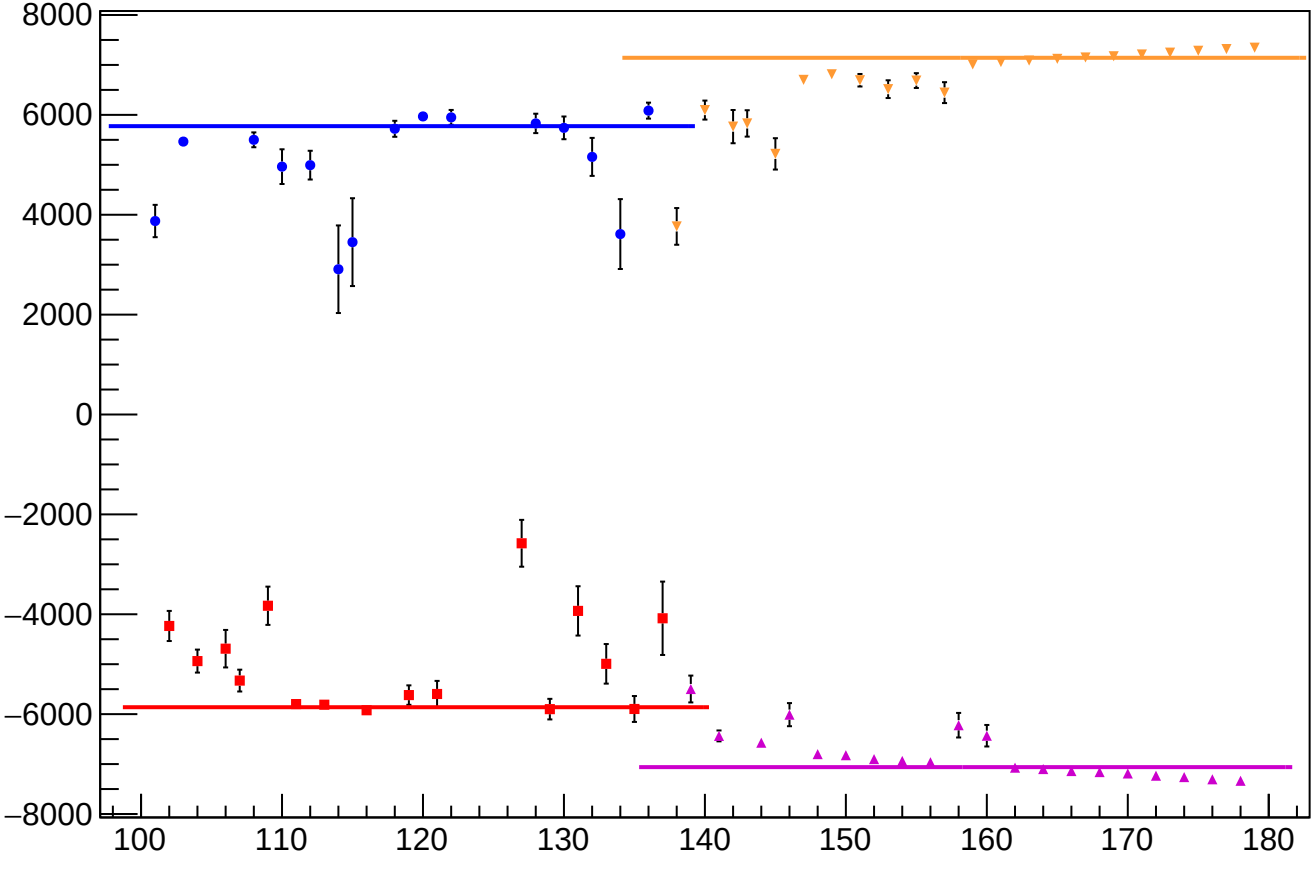
All: 2.876+/-0.000 χ^2/NDF: 2623551568947 9

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7143.090+/-0.121 χ^2/NDF:2048229.4/21

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -7061.021+/-0.111 χ^2/NDF:2351734.7/19

Left: -549.184+/-0.082 χ^2/NDF: 7486266416.8/41

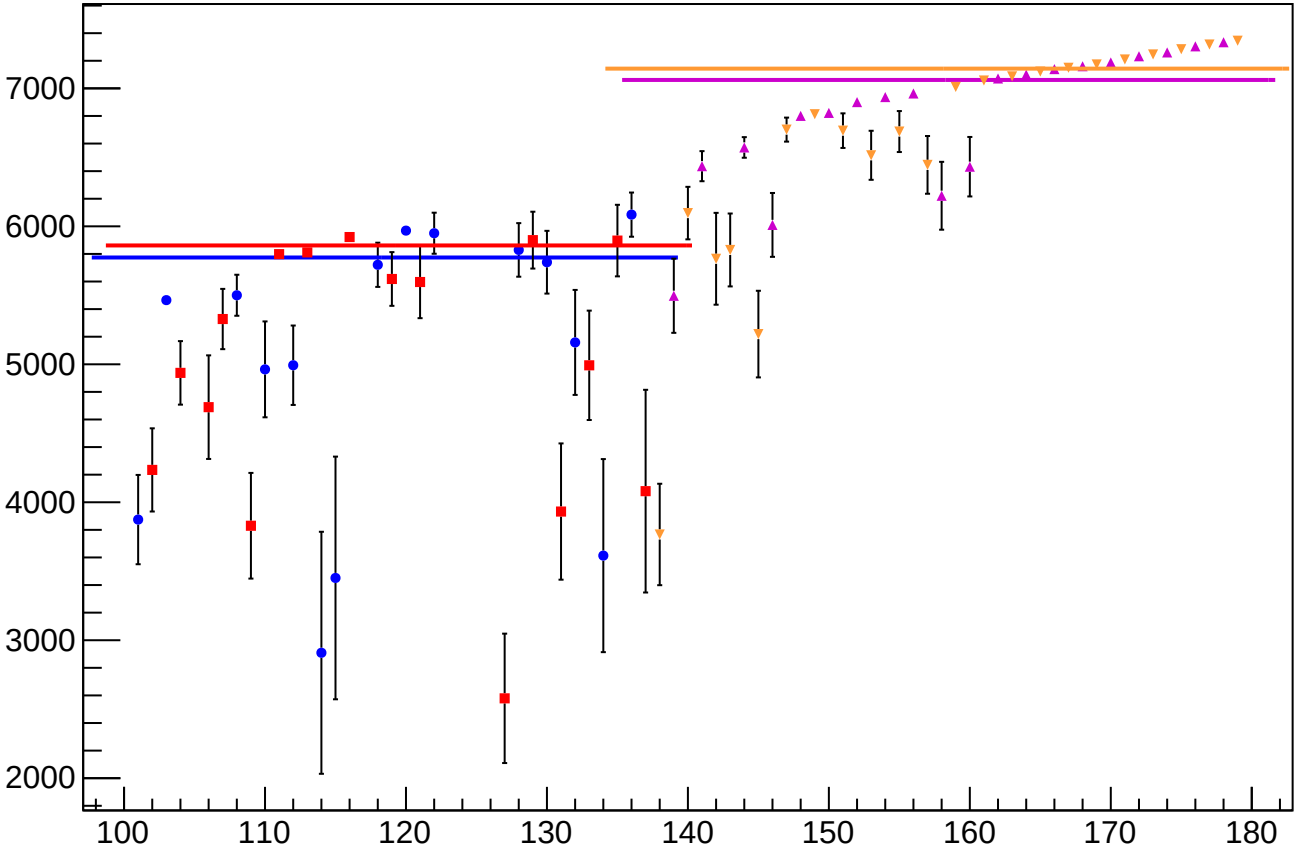
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -3557.390+/-0.095 χ^2/NDF:3641749218.0/34

Out: 1571.332+/-0.091 χ^2/NDF:4963908317.6/37

All: -898.175+/-0.066 χ^2/NDF: 10123070733

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7143.090+/-0.121 χ^2/NDF:2048229.4/21

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7061.021+/-0.111 χ^2/NDF:2351734.7/19

Left: 7098.645+/-0.082 χ^2/NDF: 4649729.7/41

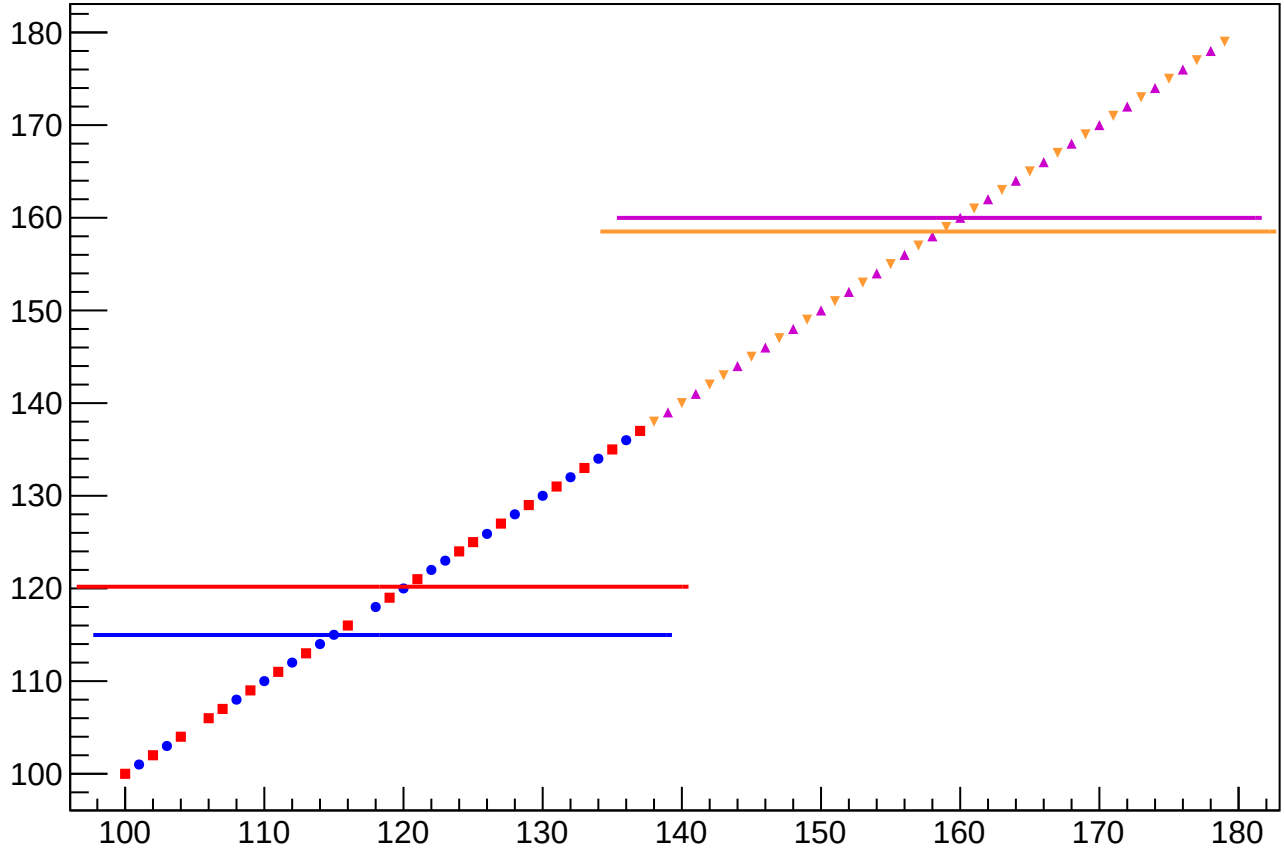
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6709.733+/-0.095 χ^2/NDF:40748403.2/34

Out: 6593.980+/-0.091 χ^2/NDF:50418861.5/37

All: 6649.716+/-0.066 χ^2/NDF: 91940207.5/7

dit_slug_slope vs Slug, Sign Corrected



Left: 159.337+/-0.000 χ^2/NDF: 1975251401014447

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.096+/-0.000 χ^2/NDF: 180832885295768

Left Out: 158.516+/-0.000 χ^2/NDF:811321888907852639489487672442 88.0/21

In: 134.058+/-0.000 χ^2/NDF:1494789126237549 4

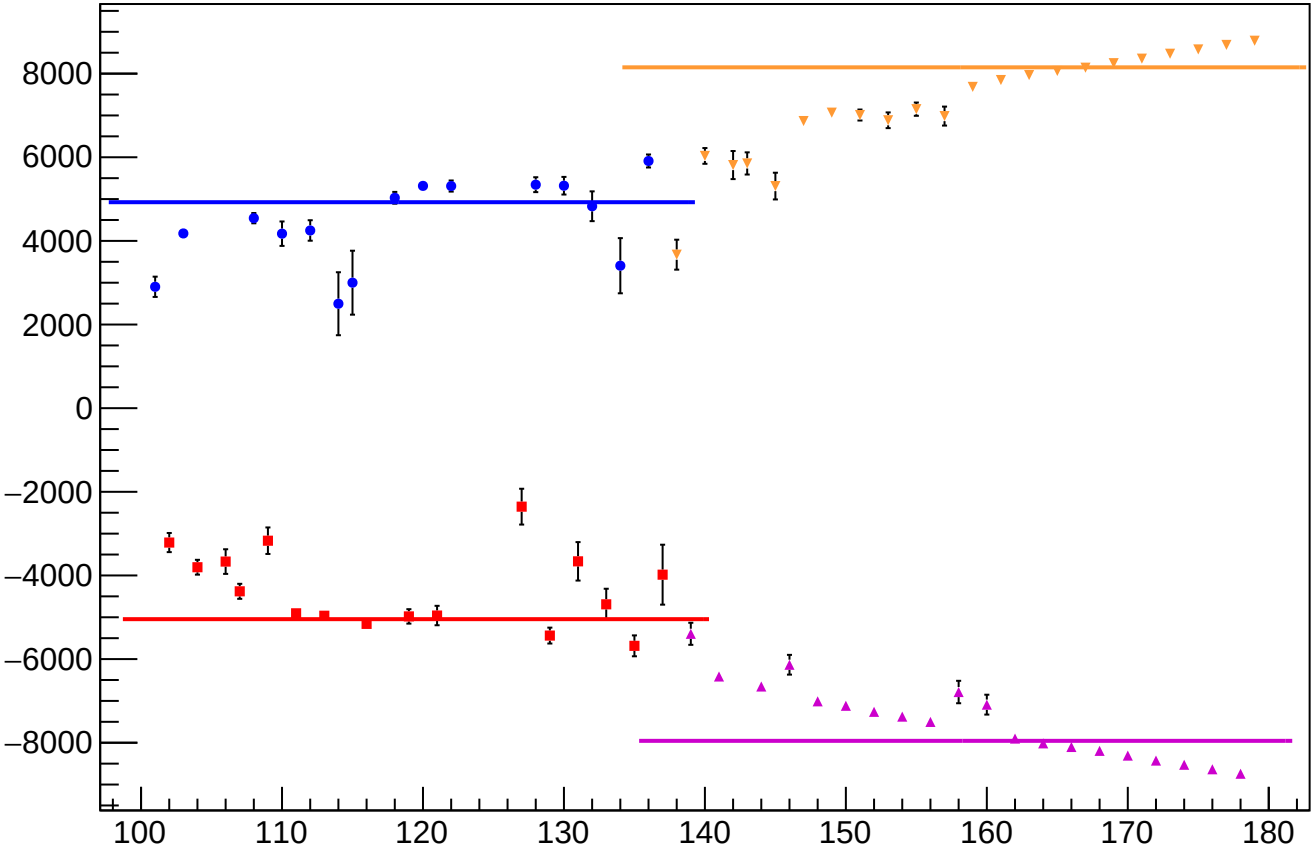
Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Out: 137.844+/-0.000 χ^2/NDF:817066655856823 5

Left In: 159.989+/-0.000 χ^2/NDF:115351111704392736565029073059840.0/19

All: 135.657+/-0.000 χ^2/NDF: 23273631872 5

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8150.370+/-0.473 χ^2/NDF:1077018.0/21

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -7954.932+/-0.440 χ^2/NDF:1549233.0/19

Left: -485.827+/-0.322 χ^2/NDF: 623082902.8/41

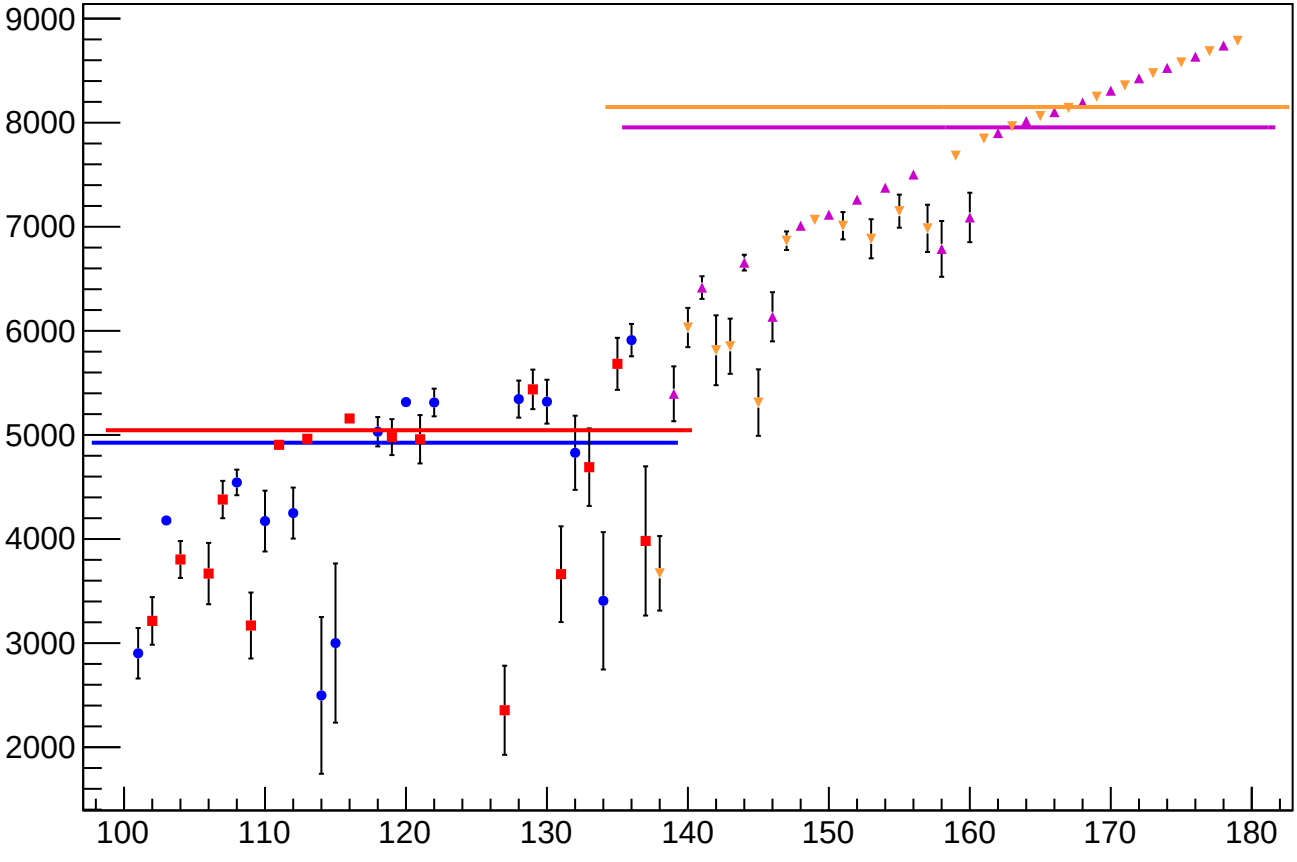
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -5632.044+/-0.399 χ^2/NDF:156201634.8/34

Out: 3736.524+/-0.386 χ^2/NDF:260923291.0/37

All: -799.906+/-0.277 χ^2/NDF: 702000689.6/

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8150.370+/-0.473 χ^2/NDF:1077018.0/21

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 7954.932+/-0.440 χ^2/NDF:1549233.0/19

Left: 8045.569+/-0.322 χ^2/NDF: 2717618.6/41

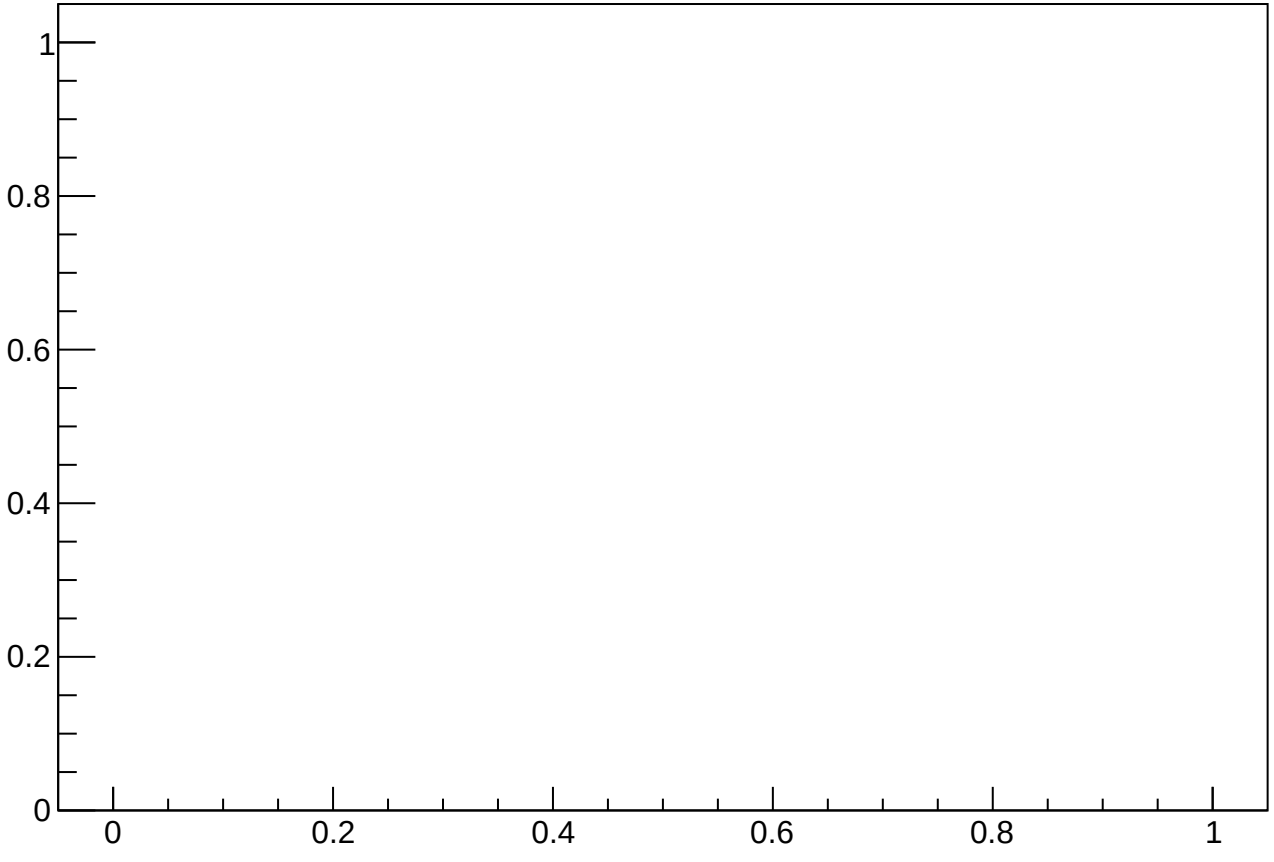
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 7408.553+/-0.399 χ^2/NDF:10418235.4/34

Out: 7111.716+/-0.386 χ^2/NDF:15494292.9/37

All: 7255.450+/-0.277 χ^2/NDF: 26198514.7/7

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

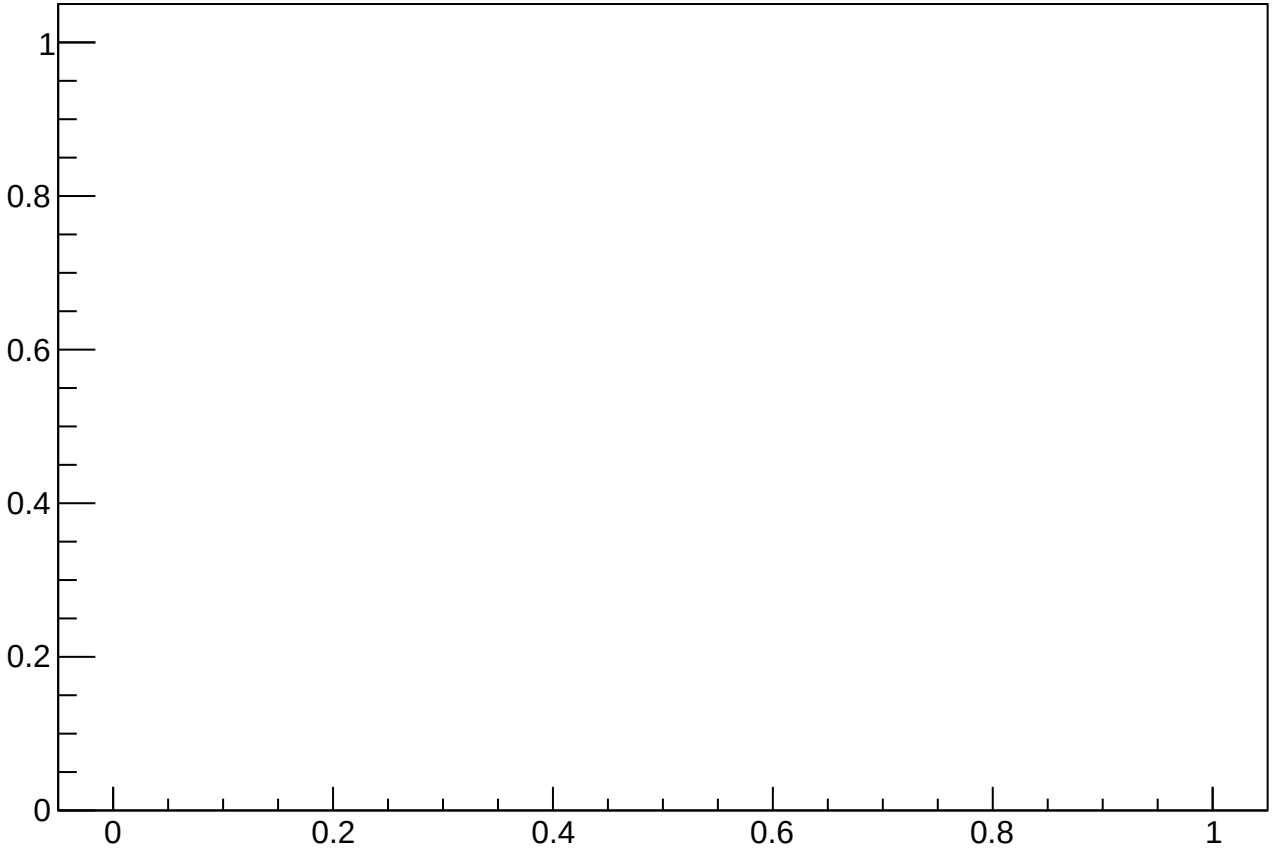
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

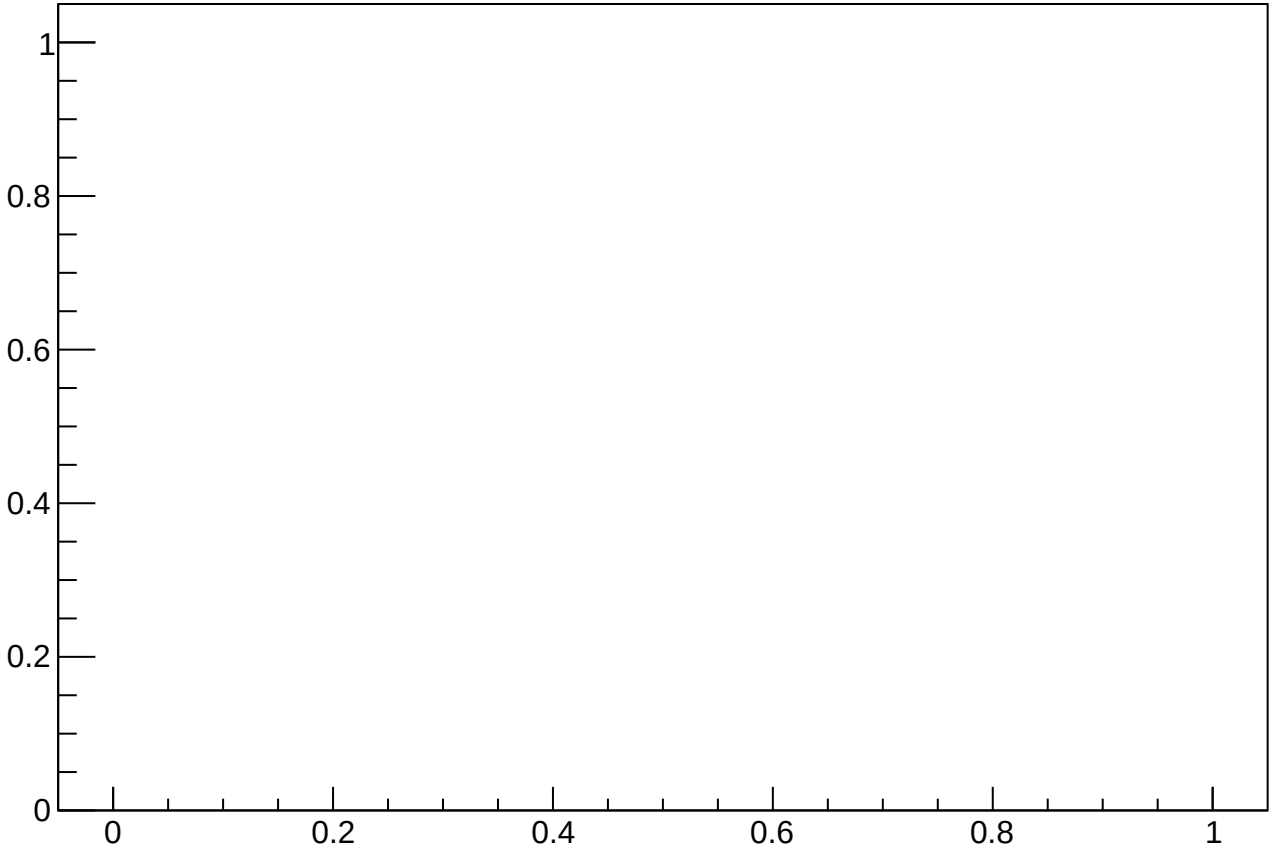
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

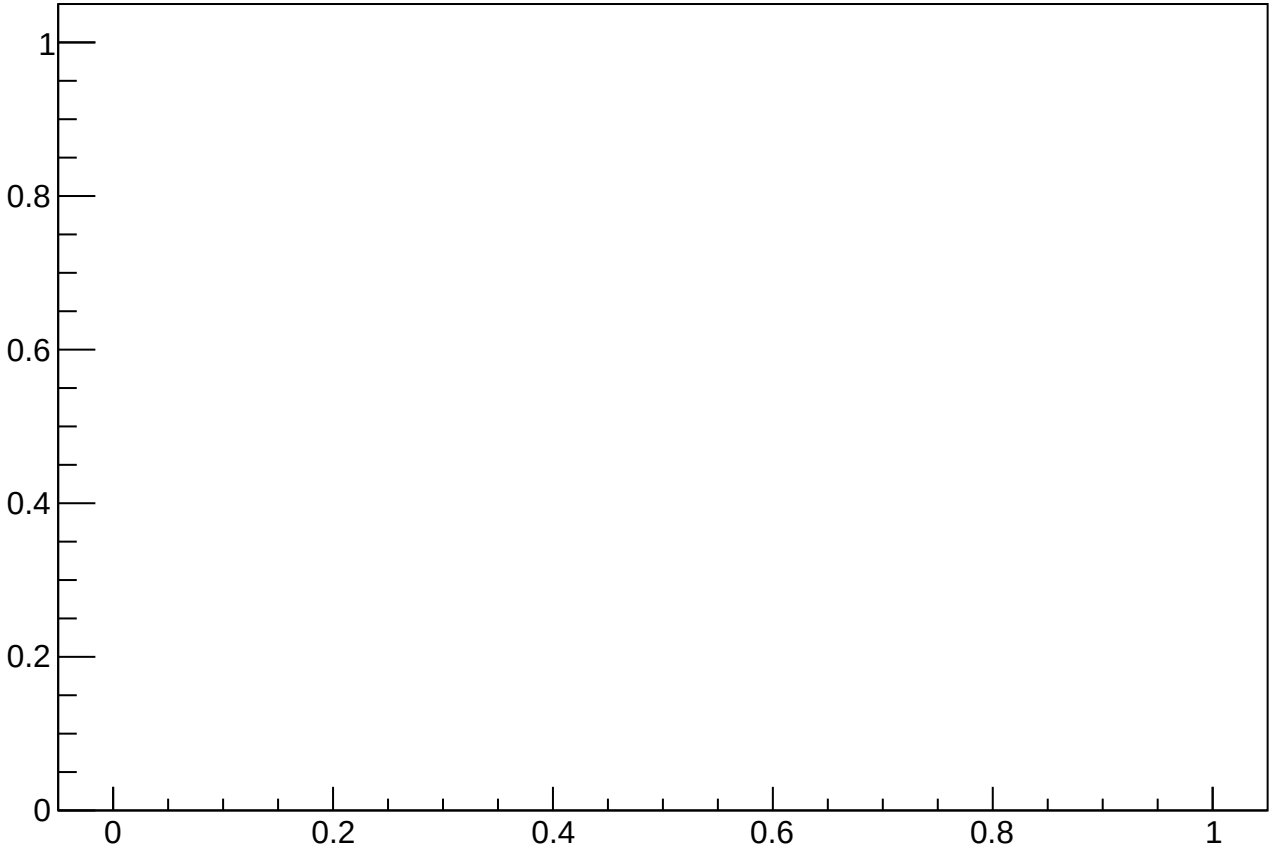
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

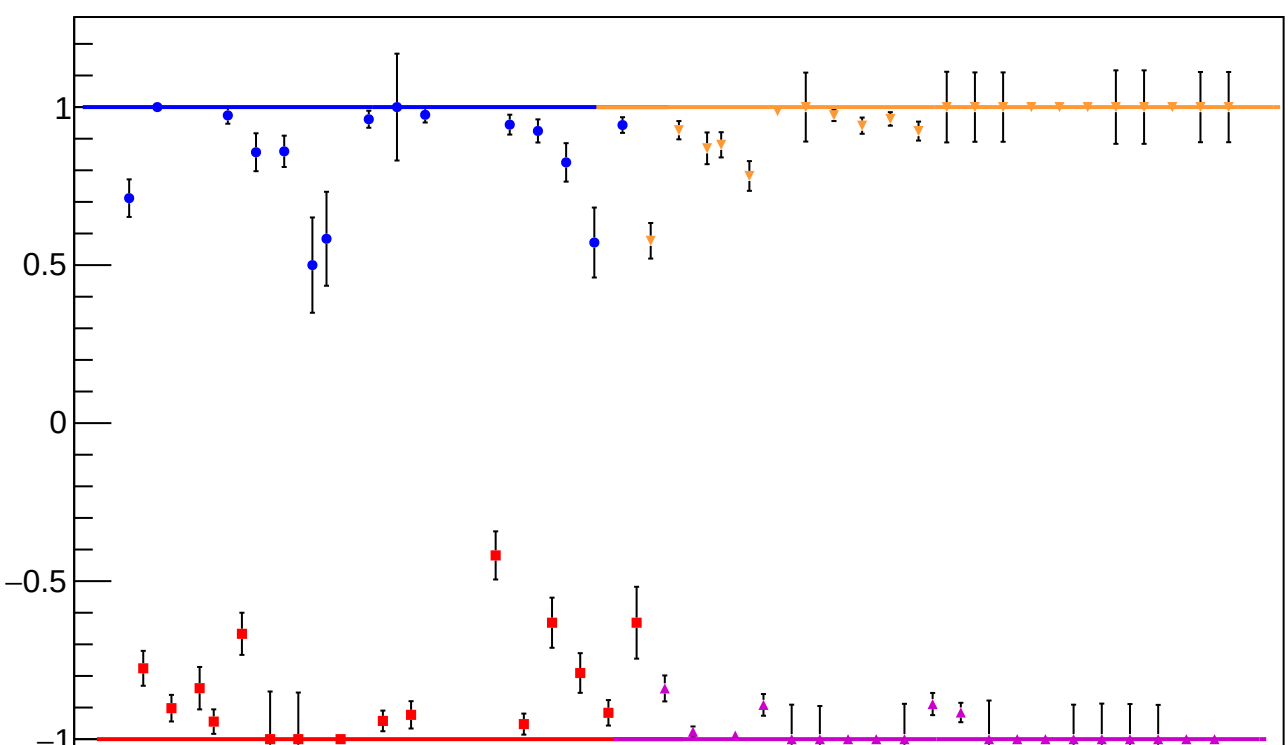
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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:1596.8/21

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:513.8/19

Left: -0.252+/-0.000 χ^2/NDF: 24014308785883060

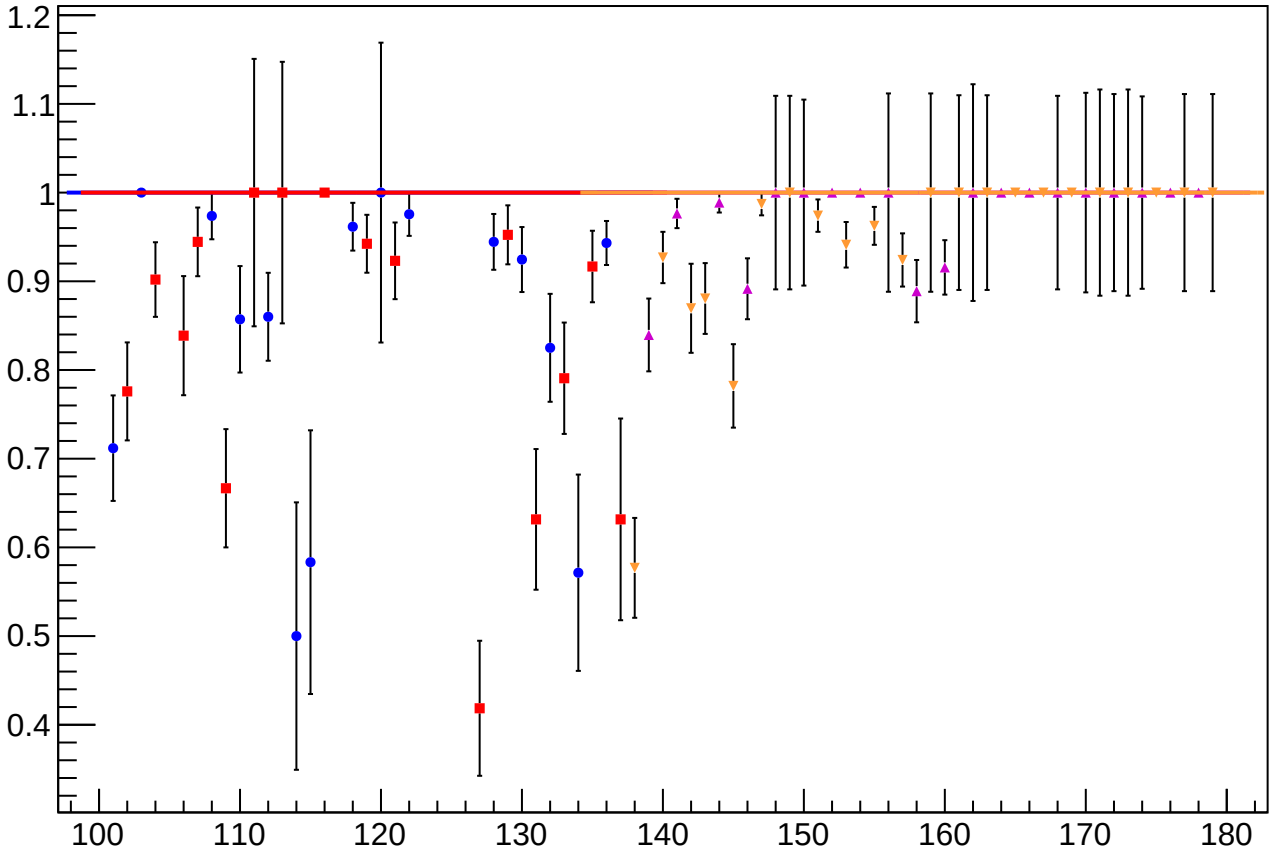
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.863+/-0.000 χ^2/NDF:43840583641758838 1

Out: 0.900+/-0.000 χ^2/NDF:19264216350456297 8

All: -0.212+/-0.000 χ^2/NDF: 2609736288529

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:1596.8/21

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:513.8/19

Left: 1.000+/-0.000 χ^2/NDF: 690.6/41

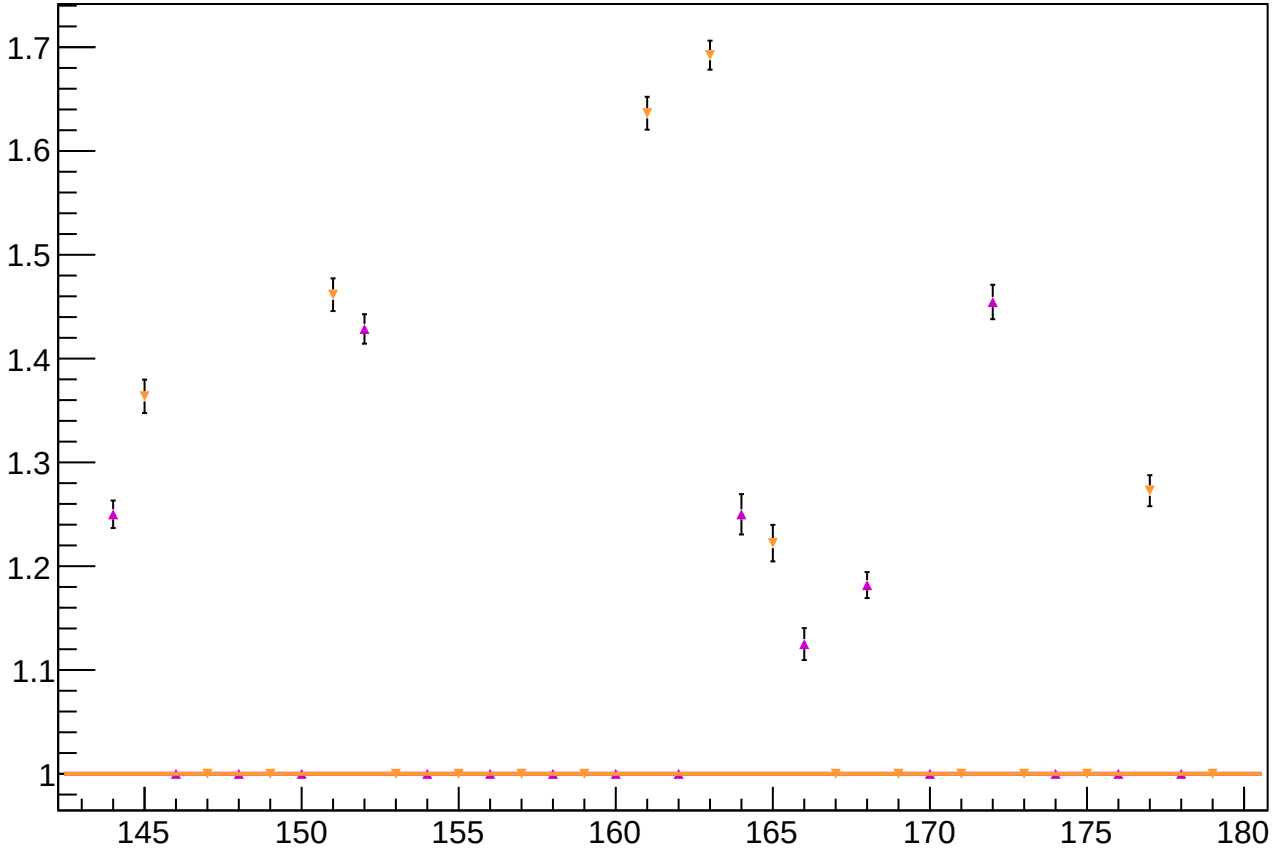
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:642.7/34

Out: 1.000+/-0.000 χ^2/NDF:607.7/37

All: 1.000+/-0.000 χ^2/NDF: 1287.4/72

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:8616.6/17

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

Left In: 1.000+/-0.000 χ^2/NDF:3507.0/17

Left: 1.000+/-0.000 χ^2/NDF: 13971.6/35

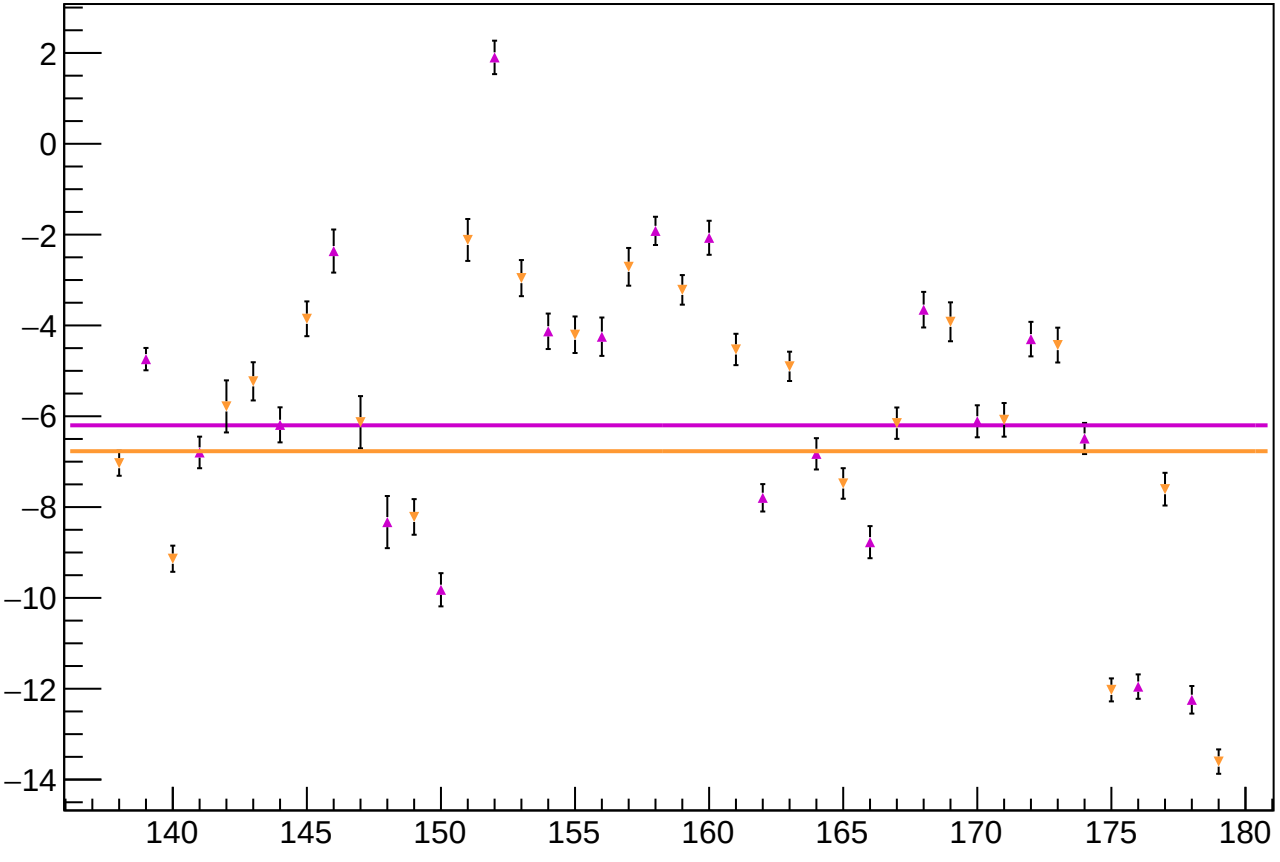
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:3507.0/17

Out: 1.000+/-0.000 χ^2/NDF:8616.6/17

All: 1.000+/-0.000 χ^2/NDF: 13971.6/35

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -6.769+/-0.076 χ^2/NDF:1856.3/21

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

Left In: -6.200+/-0.078 χ^2/NDF:2066.1/19

Left: -6.492+/-0.054 χ^2/NDF: 3949.9/41

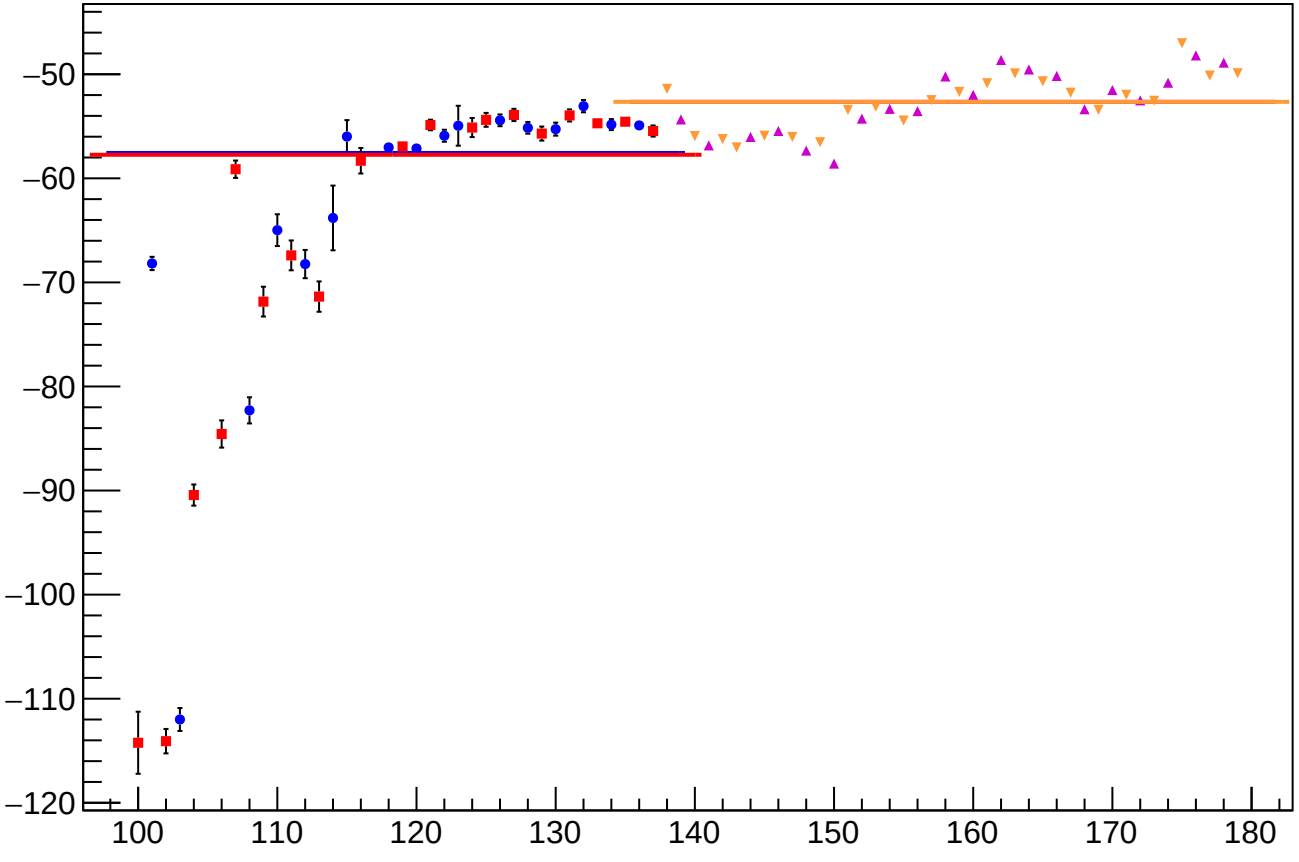
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.200+/-0.078 χ^2/NDF:2066.1/19

Out: -6.769+/-0.076 χ^2/NDF:1856.3/21

All: -6.492+/-0.054 χ^2/NDF: 3949.9/41

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -52.651+/-0.059 χ^2/NDF:2033.9/21

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -52.651+/-0.062 χ^2/NDF:2543.0/19

Left: -52.651+/-0.043 χ^2/NDF: 4576.9/41

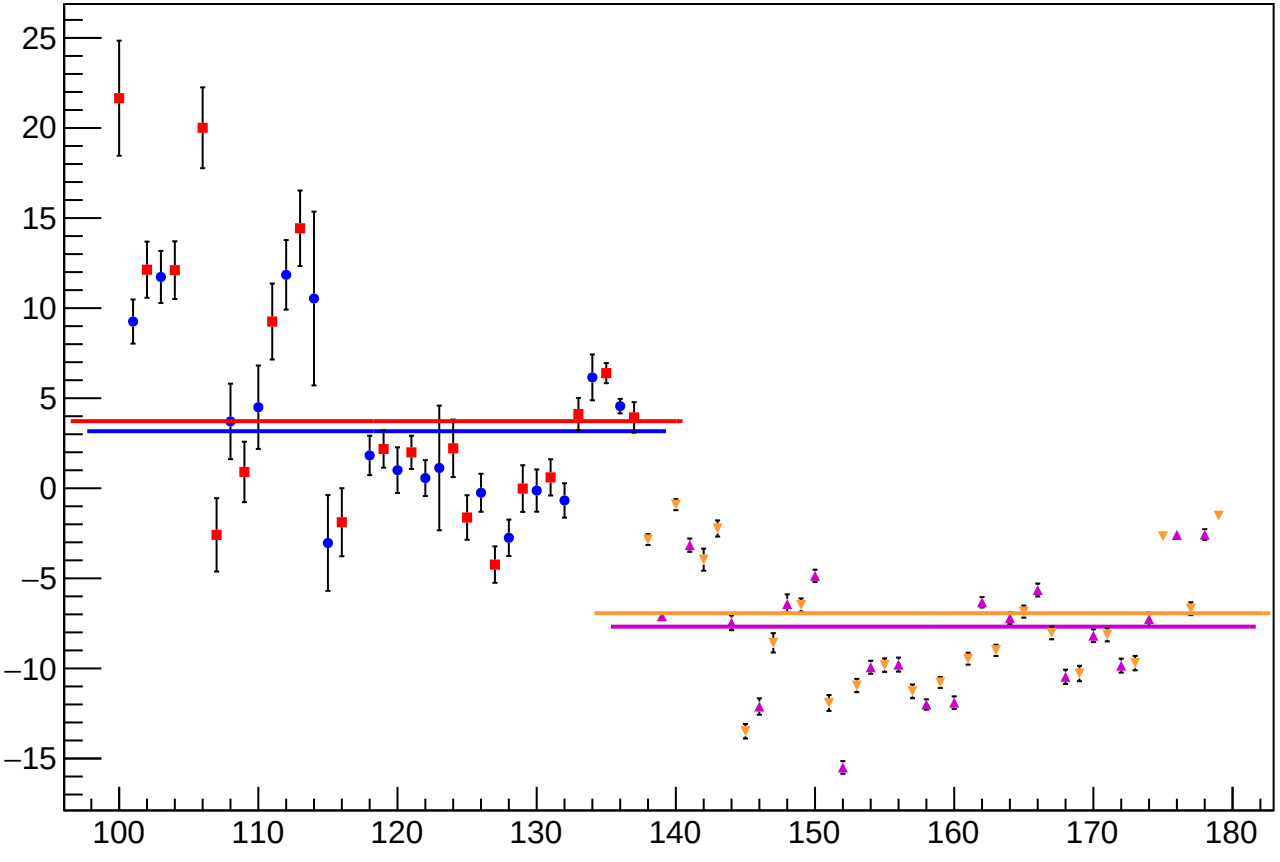
Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -53.440+/-0.057 χ^2/NDF:7011.1/36

Out: -53.389+/-0.054 χ^2/NDF:7813.2/40

All: -53.413+/-0.039 χ^2/NDF: 14824.7/77

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -6.934+/-0.075 χ^2/NDF:2508.3/21

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -7.681+/-0.077 χ^2/NDF:2048.6/19

Left: -7.298+/-0.054 χ^2/NDF: 4605.0/41

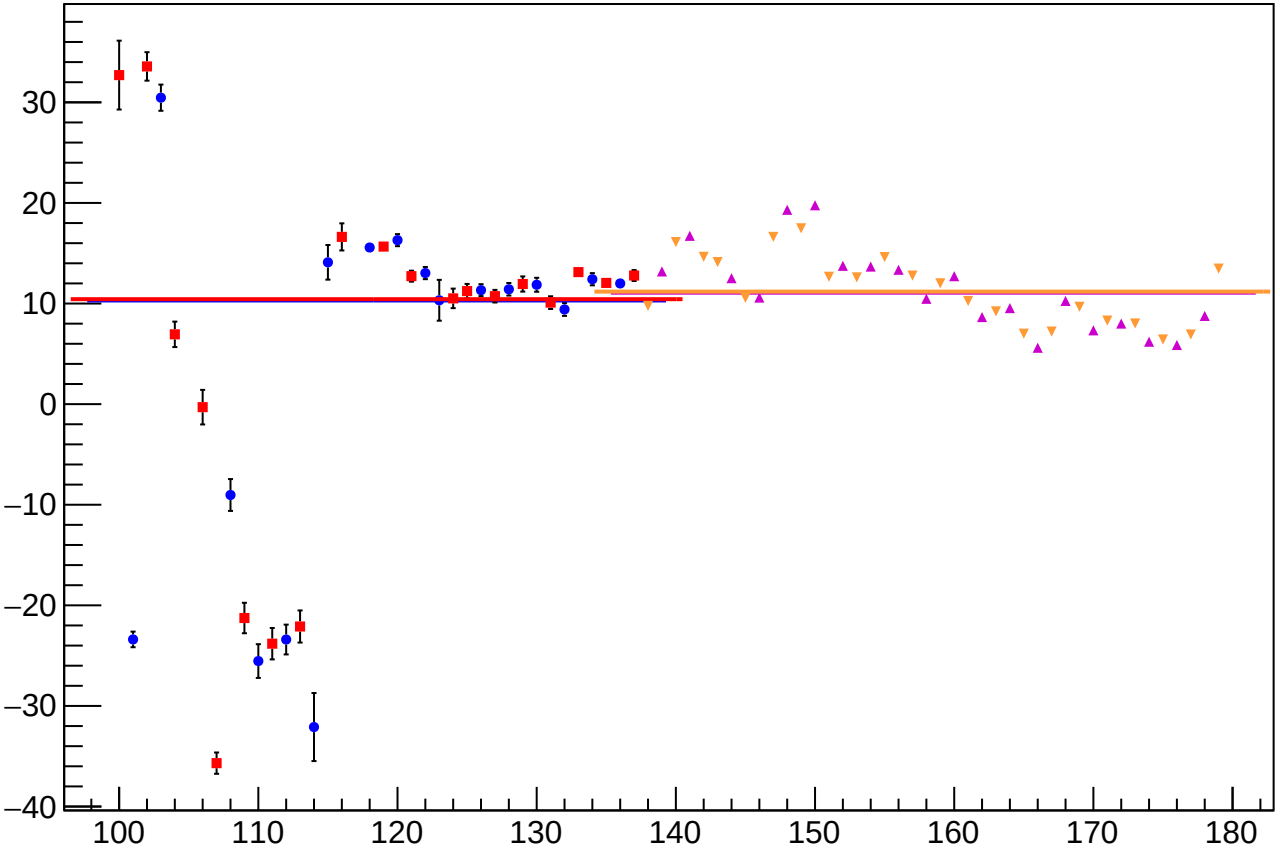
Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -6.791+/-0.074 χ^2/NDF:3861.4/36

Out: -6.151+/-0.072 χ^2/NDF:4307.4/40

All: -6.465+/-0.052 χ^2/NDF: 8207.1/77

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 11.186+/-0.066 χ^2/NDF:2438.0/21

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 11.079+/-0.069 χ^2/NDF:3269.1/19

Left: 11.135+/-0.048 χ^2/NDF: 5708.4/41

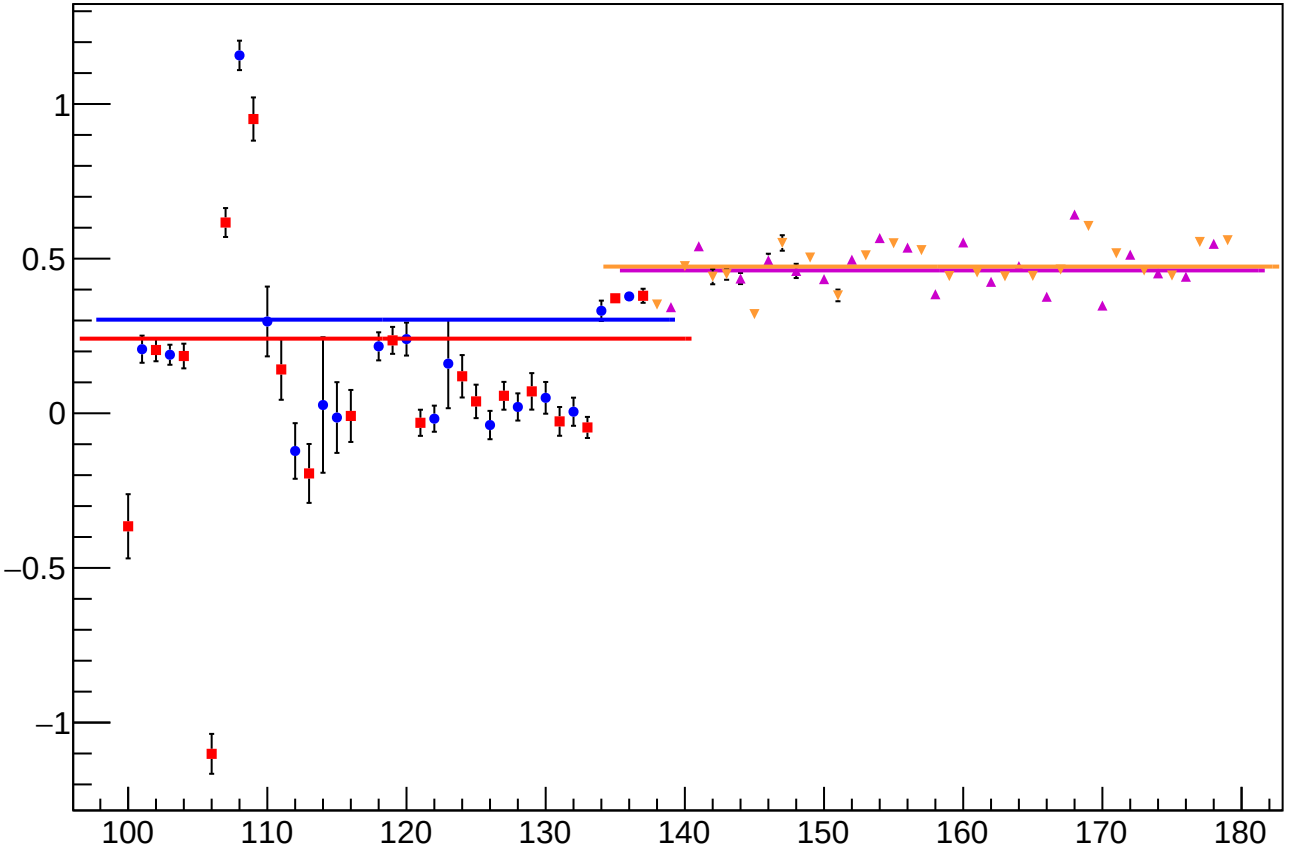
Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 10.954+/-0.063 χ^2/NDF:7001.8/36

Out: 11.076+/-0.061 χ^2/NDF:6285.4/40

All: 11.017+/-0.044 χ^2/NDF: 13289.2/77

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:495.7/21

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.462+/-0.003 χ^2/NDF:724.6/19

Left: 0.468+/-0.002 χ^2/NDF: 1228.8/41

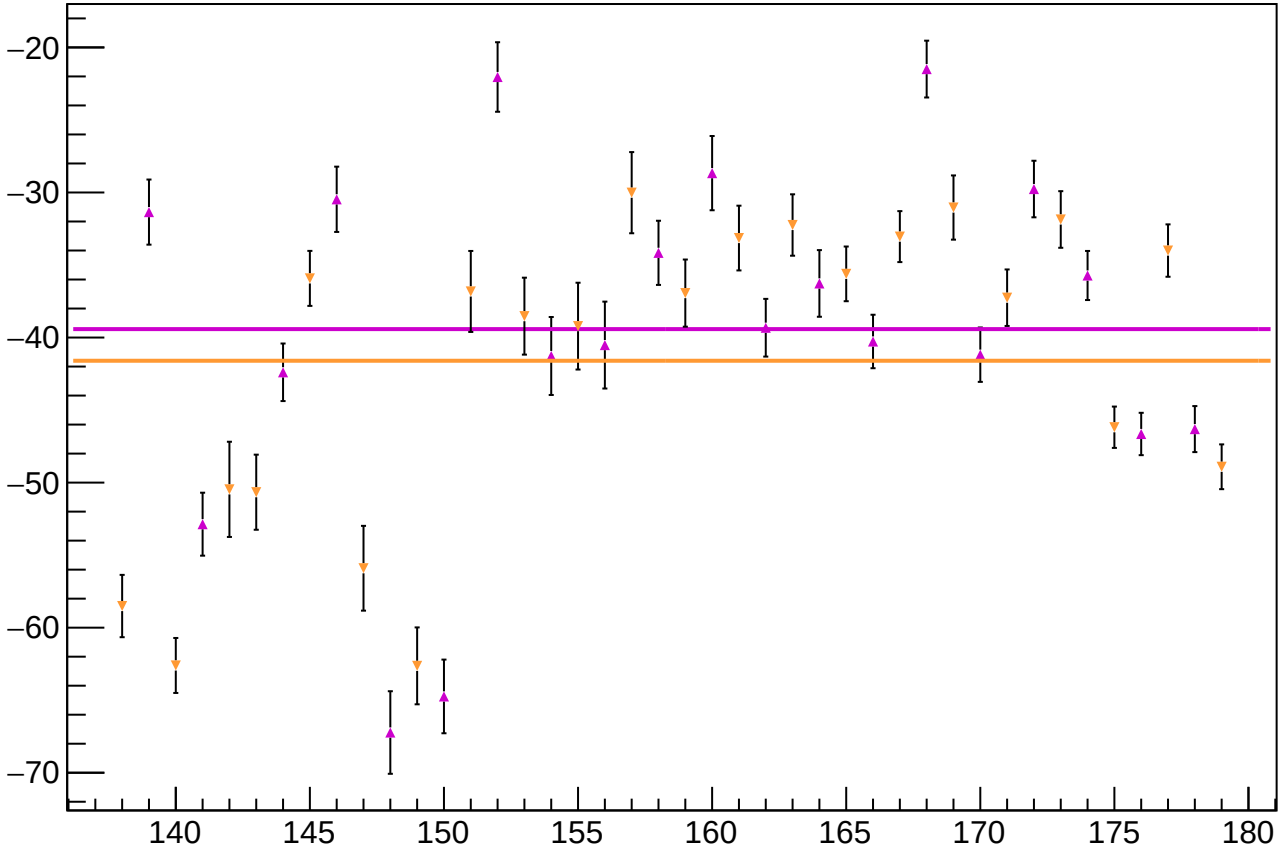
Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.443+/-0.003 χ^2/NDF:1704.2/36

Out: 0.449+/-0.003 χ^2/NDF:2152.9/40

All: 0.446+/-0.002 χ^2/NDF: 3859.1/77

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -41.600+/-0.449 χ^2/NDF:497.2/21

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

Left In: -39.418+/-0.462 χ^2/NDF:500.3/19

Left: -40.539+/-0.322 χ^2/NDF: 1008.9/41

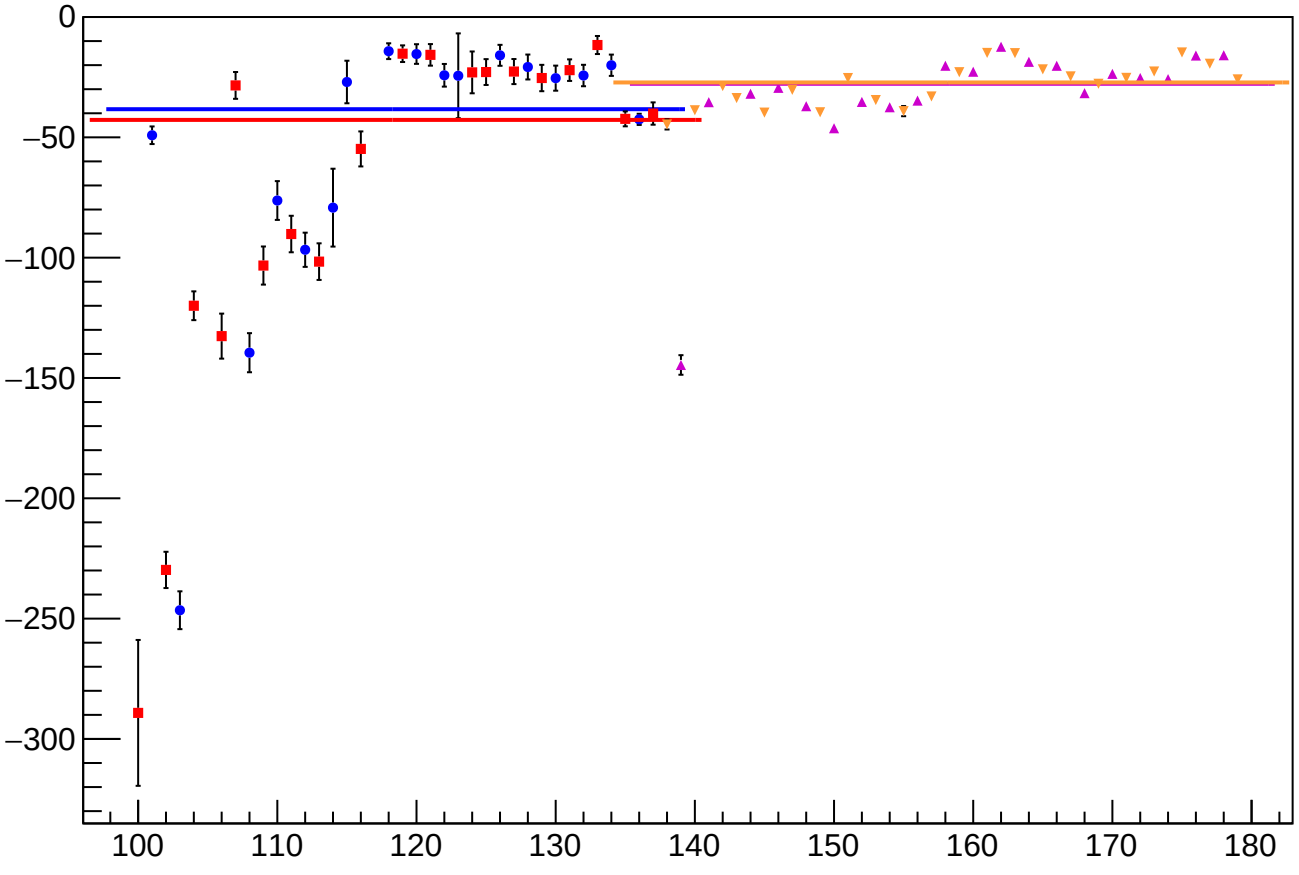
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -39.418+/-0.462 χ^2/NDF:500.3/19

Out: -41.600+/-0.449 χ^2/NDF:497.2/21

All: -40.539+/-0.322 χ^2/NDF: 1008.9/41

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -27.194+/-0.344 χ^2/NDF:583.7/21

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -27.751+/-0.357 χ^2/NDF:1409.7/19

Left: -27.462+/-0.248 χ^2/NDF: 1994.6/41

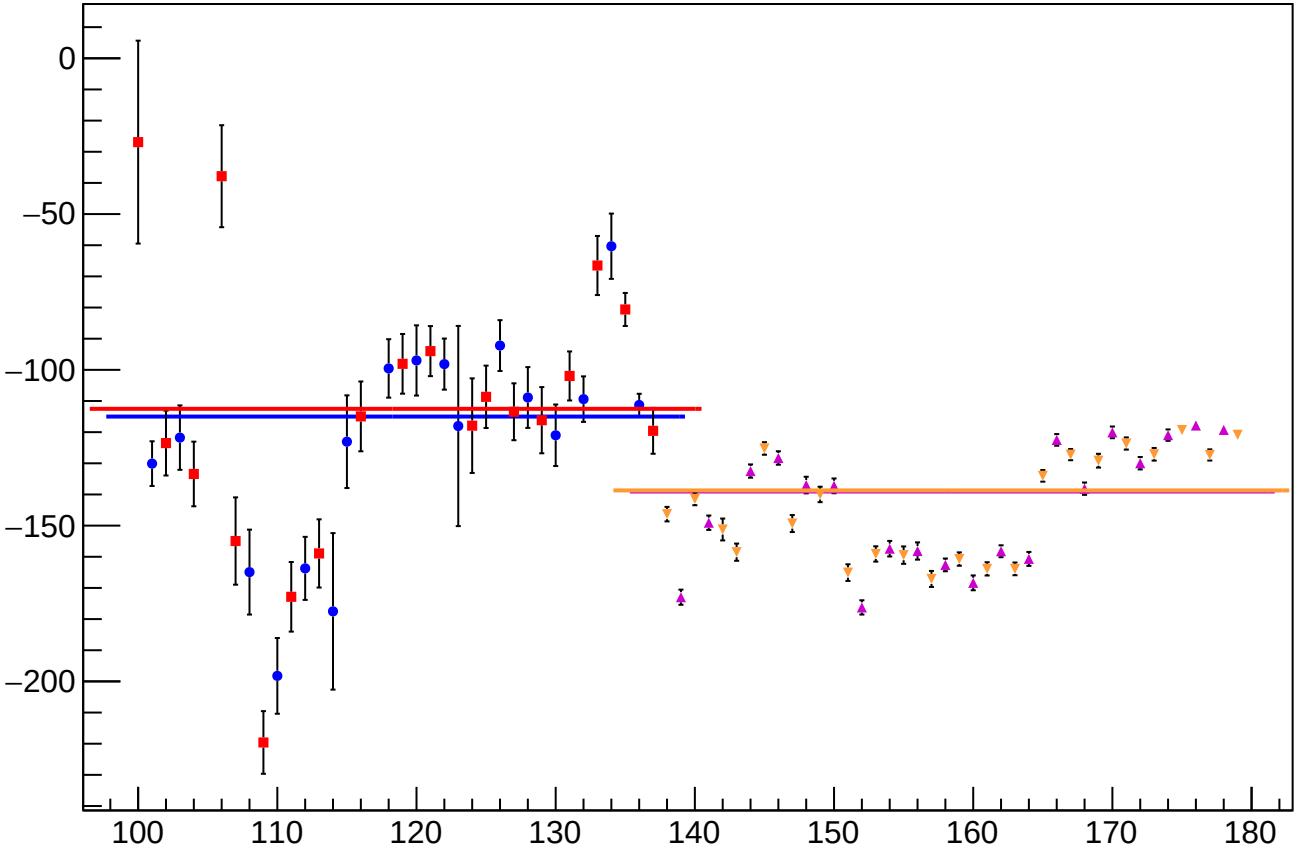
Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -28.701+/-0.341 χ^2/NDF:2620.8/36

Out: -28.357+/-0.331 χ^2/NDF:2078.2/40

All: -28.524+/-0.238 χ^2/NDF: 4699.5/77

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -138.700+/-0.448 χ^2/NDF:1397.5/21

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -139.052+/-0.460 χ^2/NDF:1763.8/19

Left: -138.871+/-0.321 χ^2/NDF: 3161.6/41

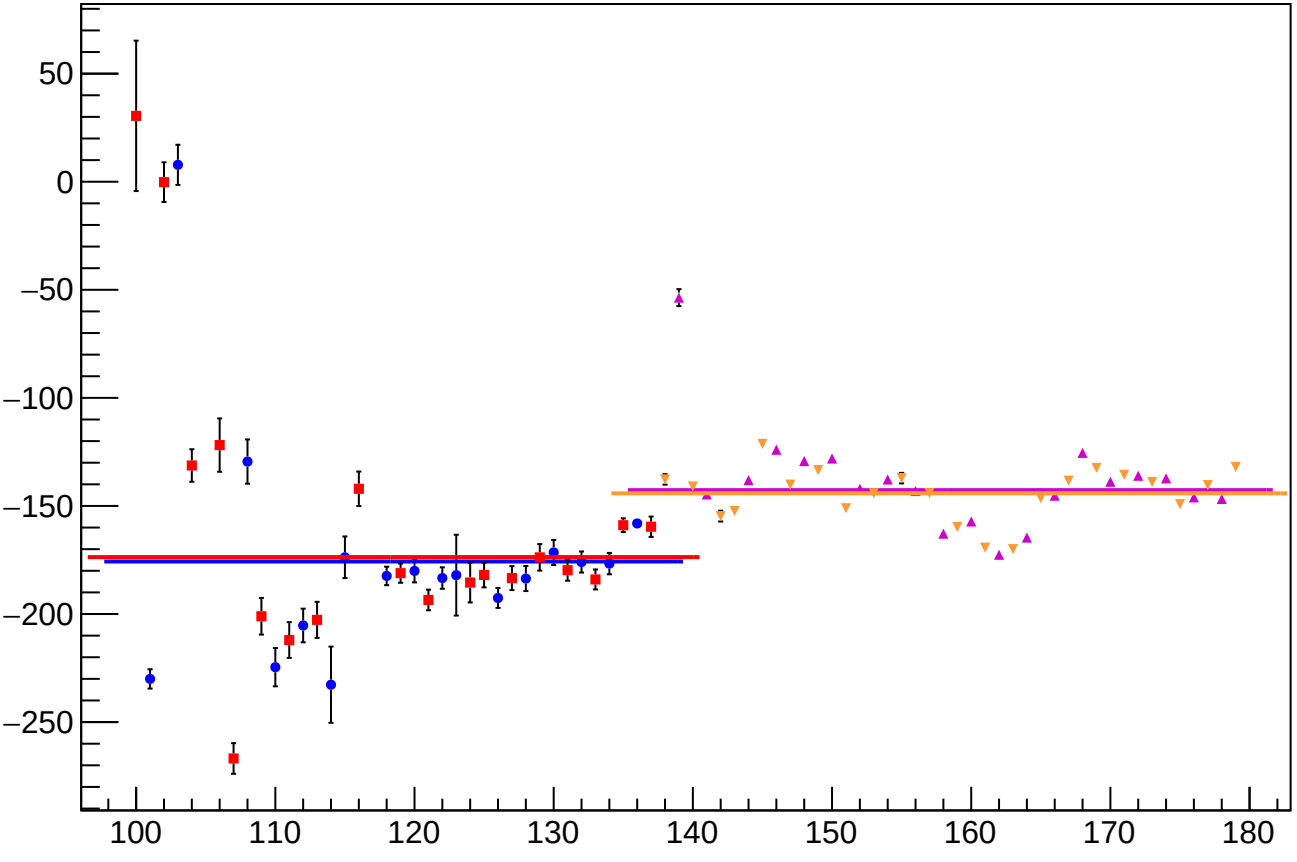
Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -137.924+/-0.449 χ^2/NDF:2034.0/36

Out: -137.663+/-0.439 χ^2/NDF:1805.9/40

All: -137.791+/-0.314 χ^2/NDF: 3840.1/77

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -144.164+/-0.389 χ^2/NDF:985.2/21

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -142.694+/-0.402 χ^2/NDF:1539.3/19

Left: -143.454+/-0.279 χ^2/NDF: 2531.4/41

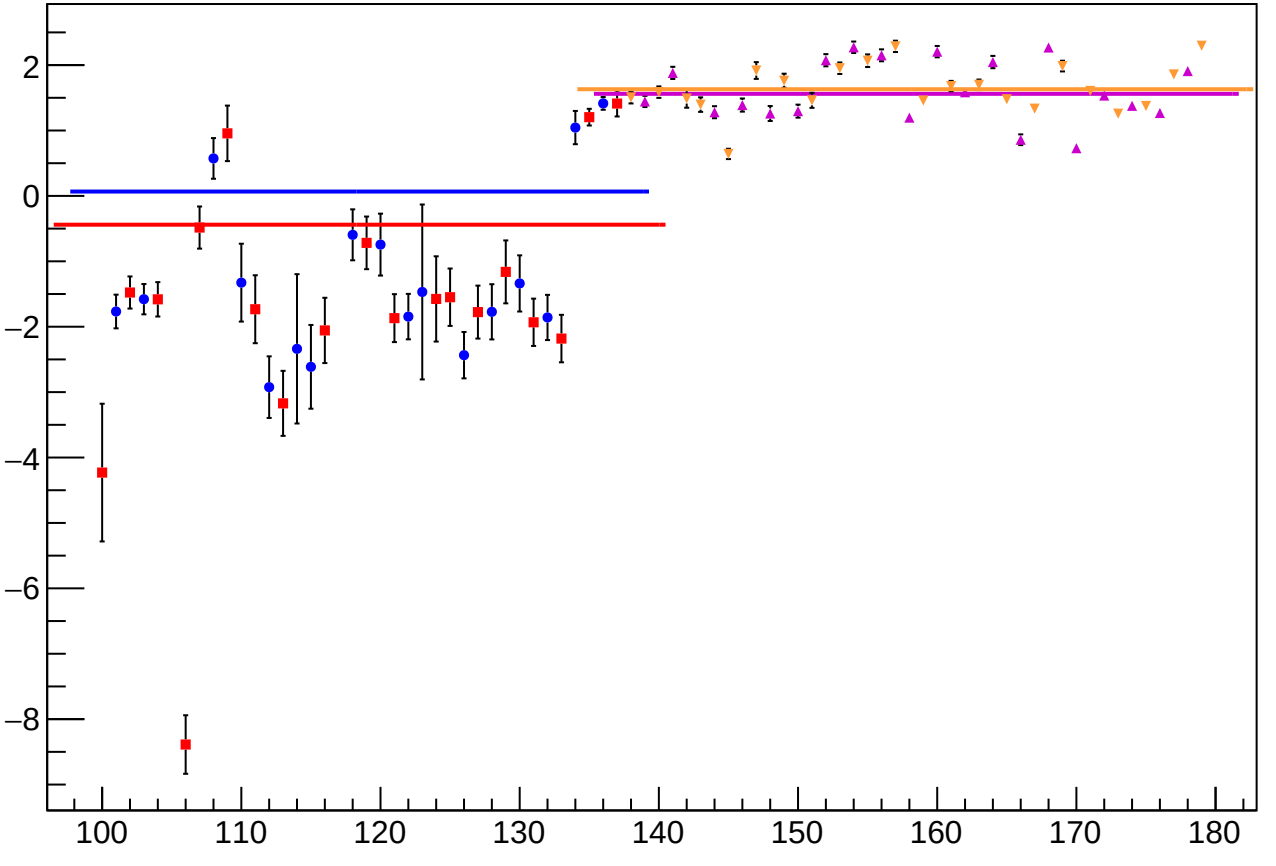
Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -145.713+/-0.383 χ^2/NDF:2848.1/36

Out: -146.404+/-0.374 χ^2/NDF:2160.4/40

All: -146.067+/-0.268 χ^2/NDF: 5010.1/77

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.631+/-0.018 χ^2/NDF:448.7/21

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.561+/-0.018 χ^2/NDF:645.5/19

Left: 1.596+/-0.013 χ^2/NDF: 1101.8/41

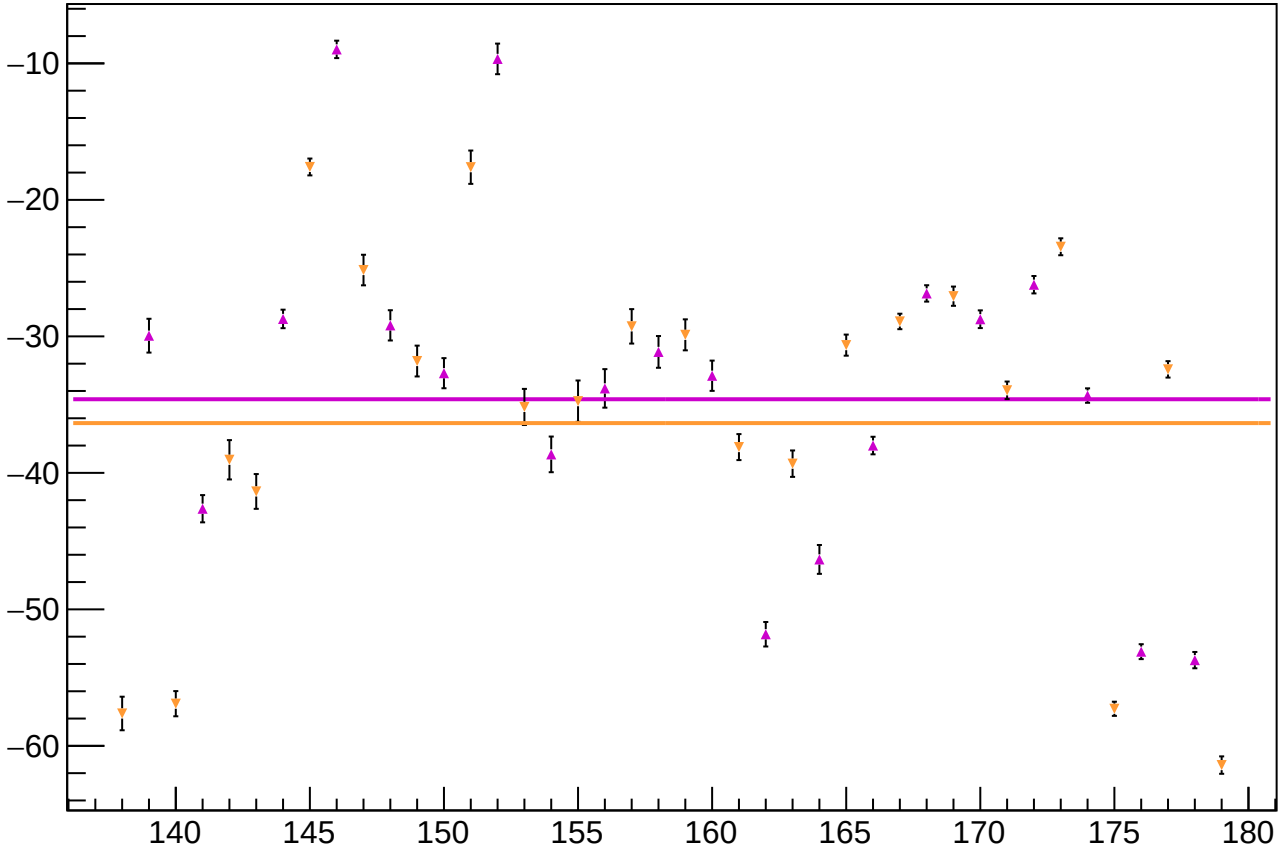
Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 1.458+/-0.018 χ^2/NDF:1635.1/36

Out: 1.508+/-0.017 χ^2/NDF:2001.6/40

All: 1.483+/-0.012 χ^2/NDF: 3640.8/77

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -36.353+/-0.174 χ^2/NDF:6229.0/21

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

Left In: -34.606+/-0.173 χ^2/NDF:5416.4/19

Left: -35.478+/-0.123 χ^2/NDF: 11696.0/41

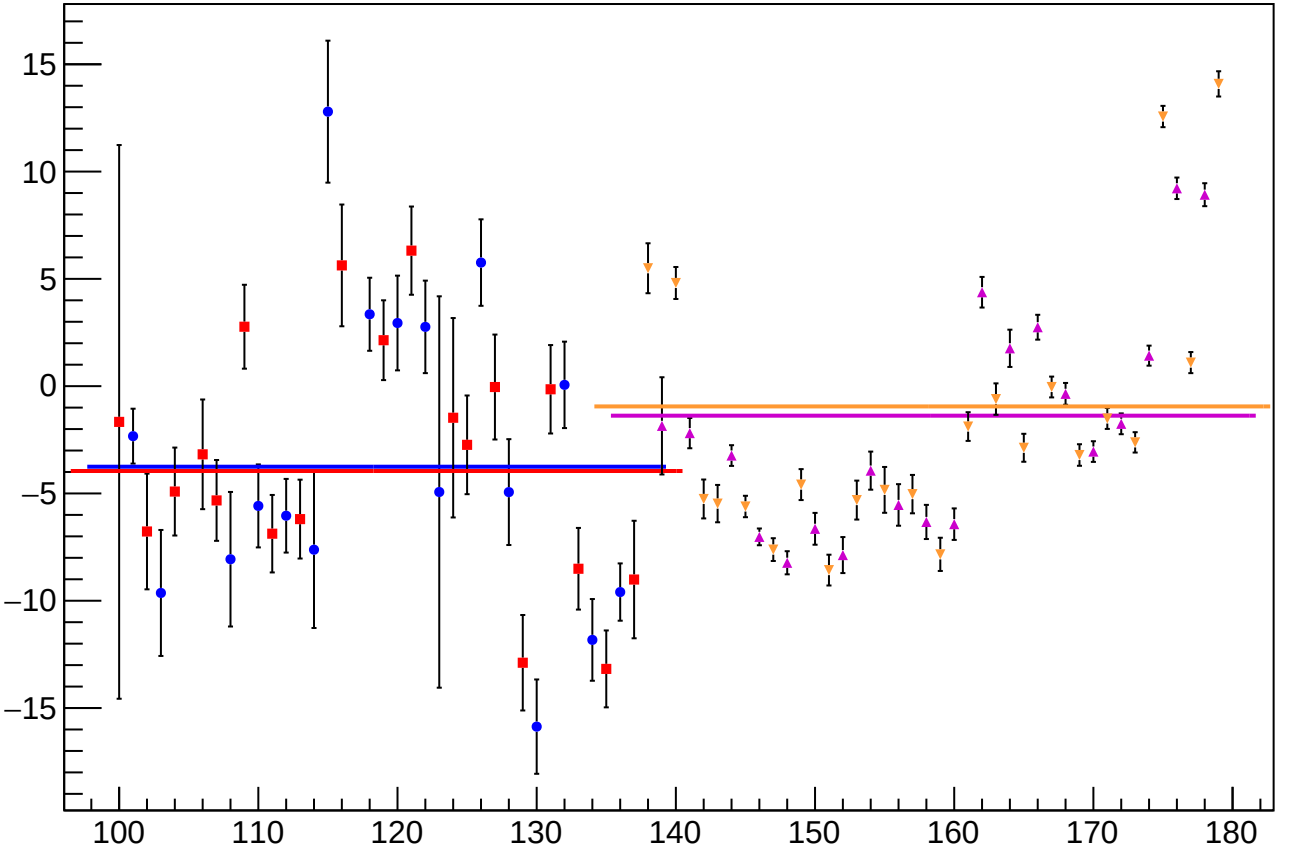
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.606+/-0.173 χ^2/NDF:5416.4/19

Out: -36.353+/-0.174 χ^2/NDF:6229.0/21

All: -35.478+/-0.123 χ^2/NDF: 11696.0/41

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -0.945+/-0.134 χ^2/NDF:2118.7/21

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -1.376+/-0.133 χ^2/NDF:1610.9/19

Left: -1.161+/-0.094 χ^2/NDF: 3734.9/41

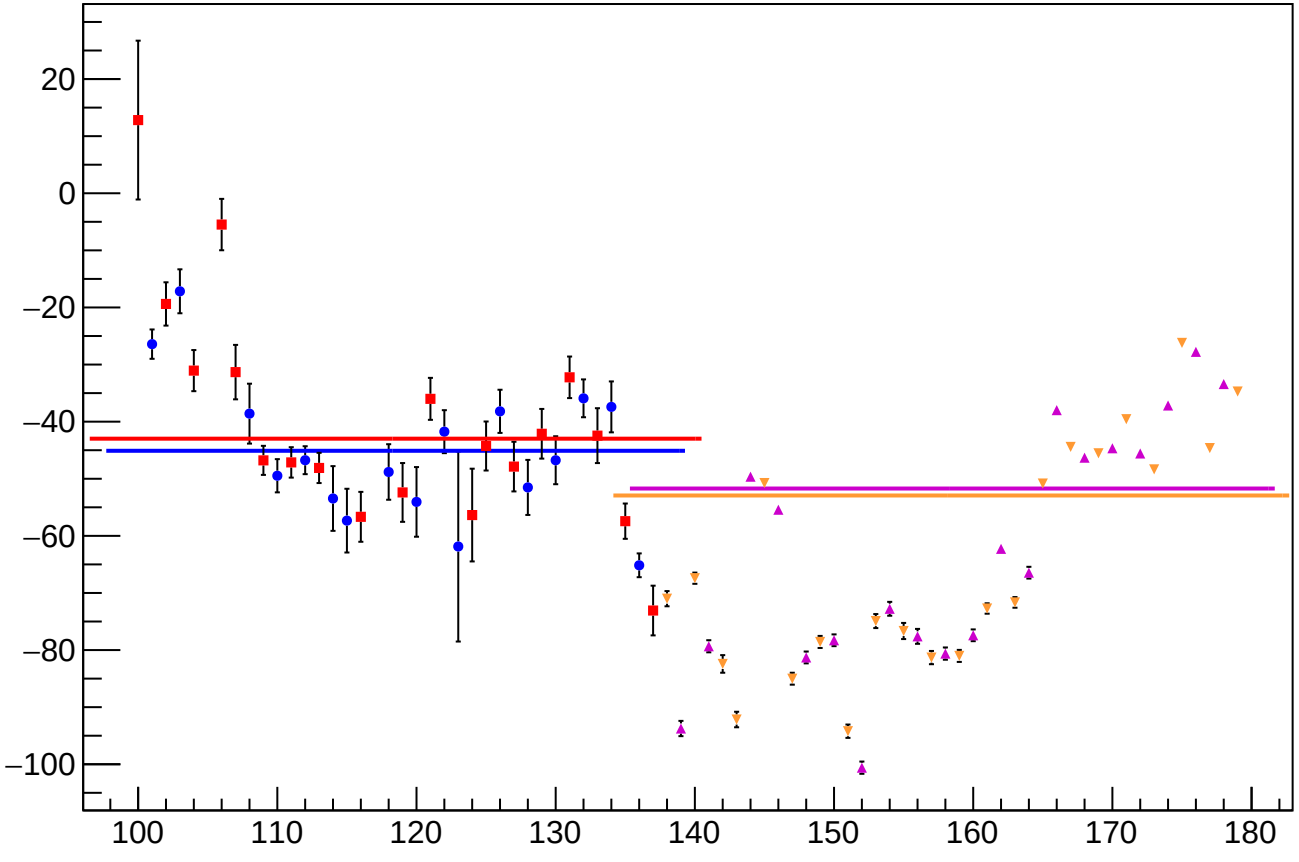
Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: -1.537+/-0.129 χ^2/NDF:1797.7/36

Out: -1.140+/-0.129 χ^2/NDF:2275.0/40

All: -1.339+/-0.091 χ^2/NDF: 4077.5/77

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -52.929+/-0.174 χ^2/NDF:11648.9/21

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -51.711+/-0.174 χ^2/NDF:11926.6/19

Left: -52.319+/-0.123 χ^2/NDF: 23600.1/41

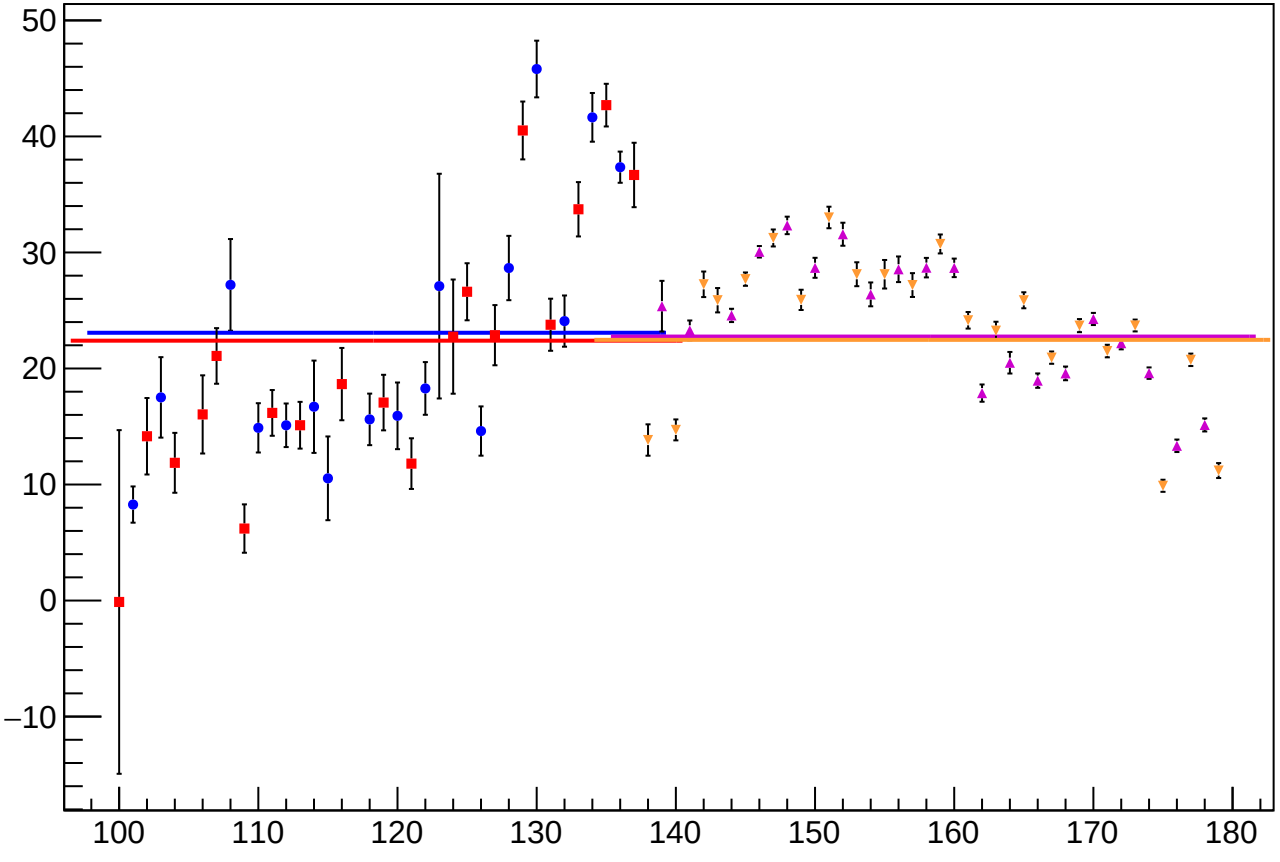
Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -51.463+/-0.170 χ^2/NDF:12210.7/36

Out: -52.553+/-0.171 χ^2/NDF:12021.5/40

All: -52.008+/-0.121 χ^2/NDF: 24252.6/77

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 22.468+/-0.151 χ^2/NDF:1640.3/21

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 22.752+/-0.151 χ^2/NDF:1317.0/19

Left: 22.609+/-0.107 χ^2/NDF: 2959.1/41

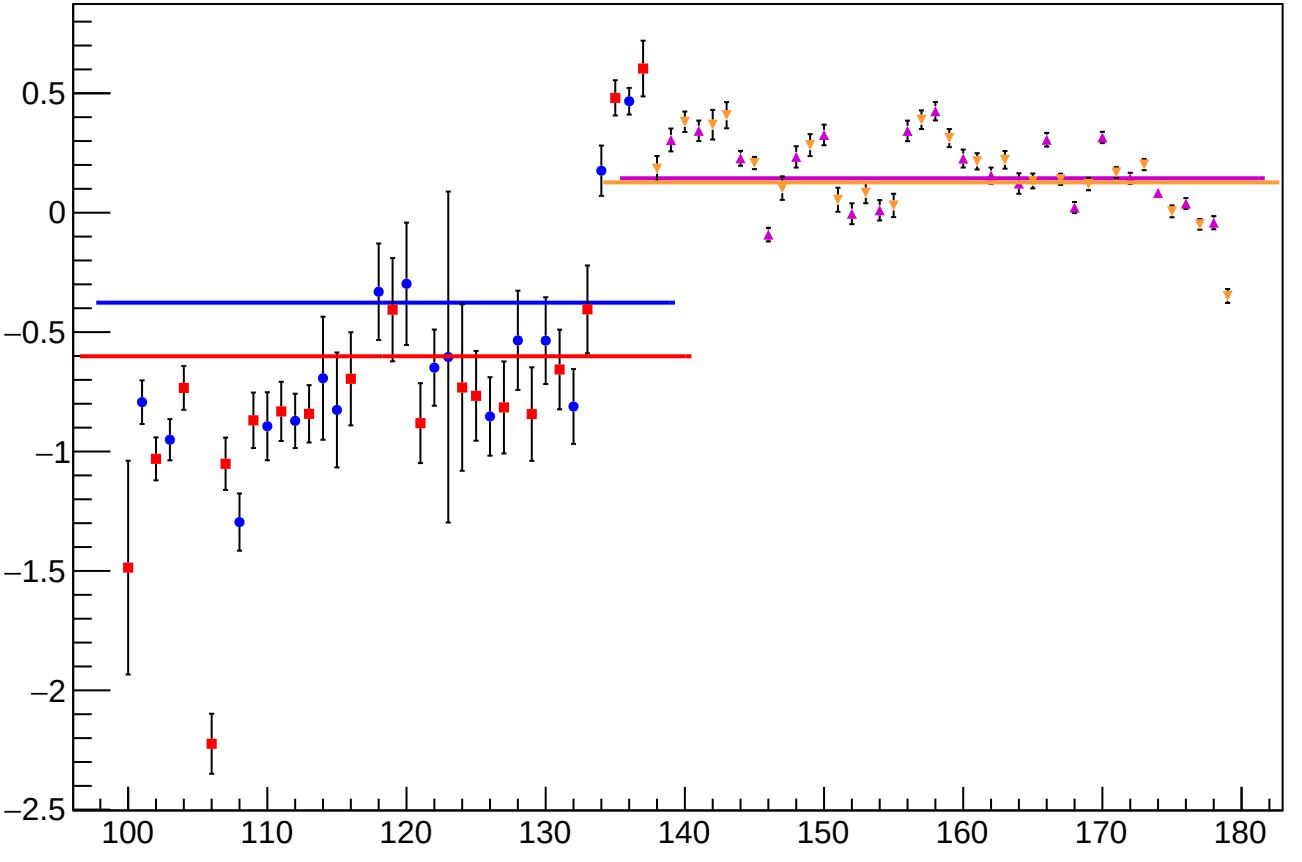
Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 22.774+/-0.146 χ^2/NDF:1778.5/36

Out: 22.463+/-0.146 χ^2/NDF:2010.6/40

All: 22.619+/-0.103 χ^2/NDF: 3791.3/77

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.127+/-0.007 χ^2/NDF:549.2/21

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.144+/-0.007 χ^2/NDF:416.5/19

Left: 0.136+/-0.005 χ^2/NDF: 968.9/41

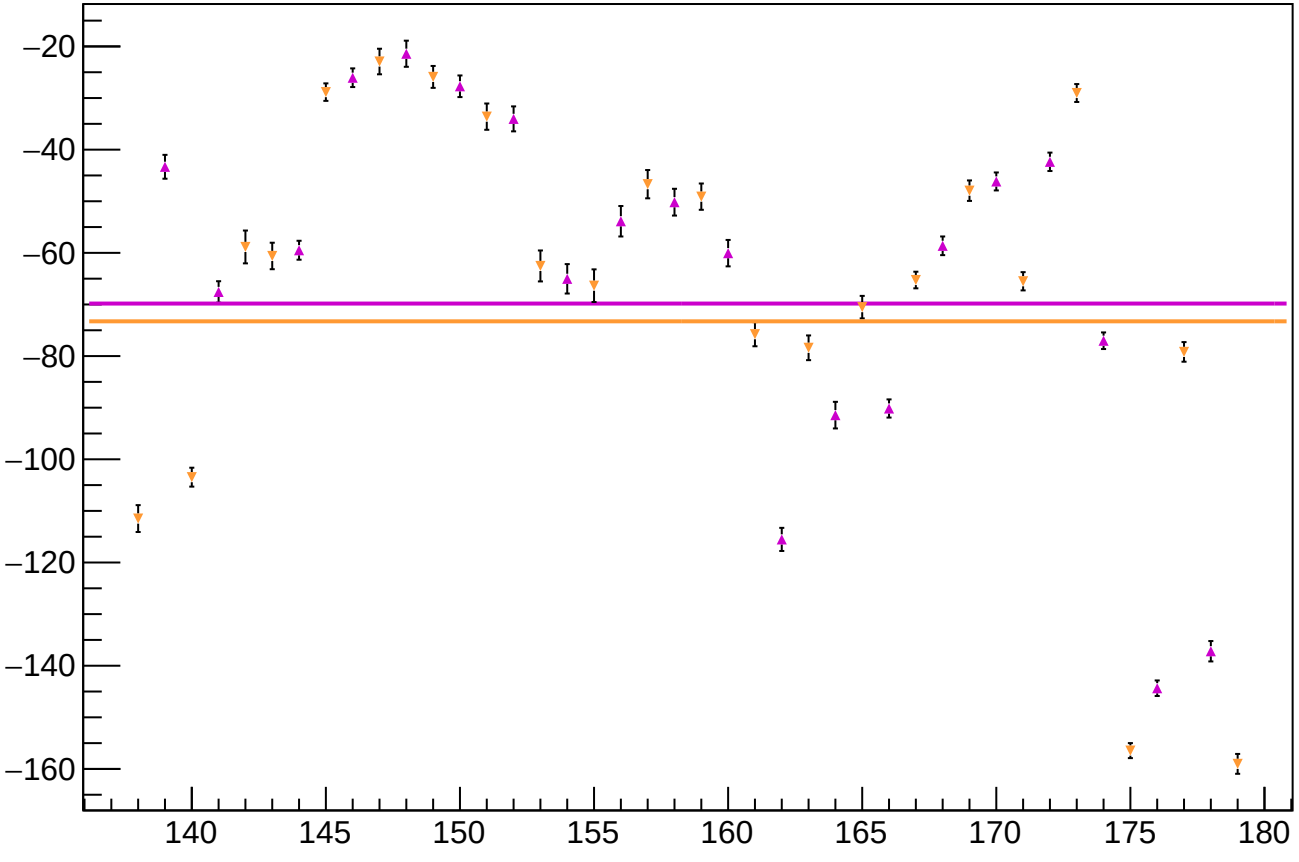
Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.118+/-0.007 χ^2/NDF:1138.7/36

Out: 0.091+/-0.007 χ^2/NDF:1658.0/40

All: 0.104+/-0.005 χ^2/NDF: 2805.0/77

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -73.266+/-0.449 χ^2/NDF:8696.9/21

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

Left In: -69.823+/-0.455 χ^2/NDF:6556.5/19

Left: -71.569+/-0.320 χ^2/NDF: 15282.3/41

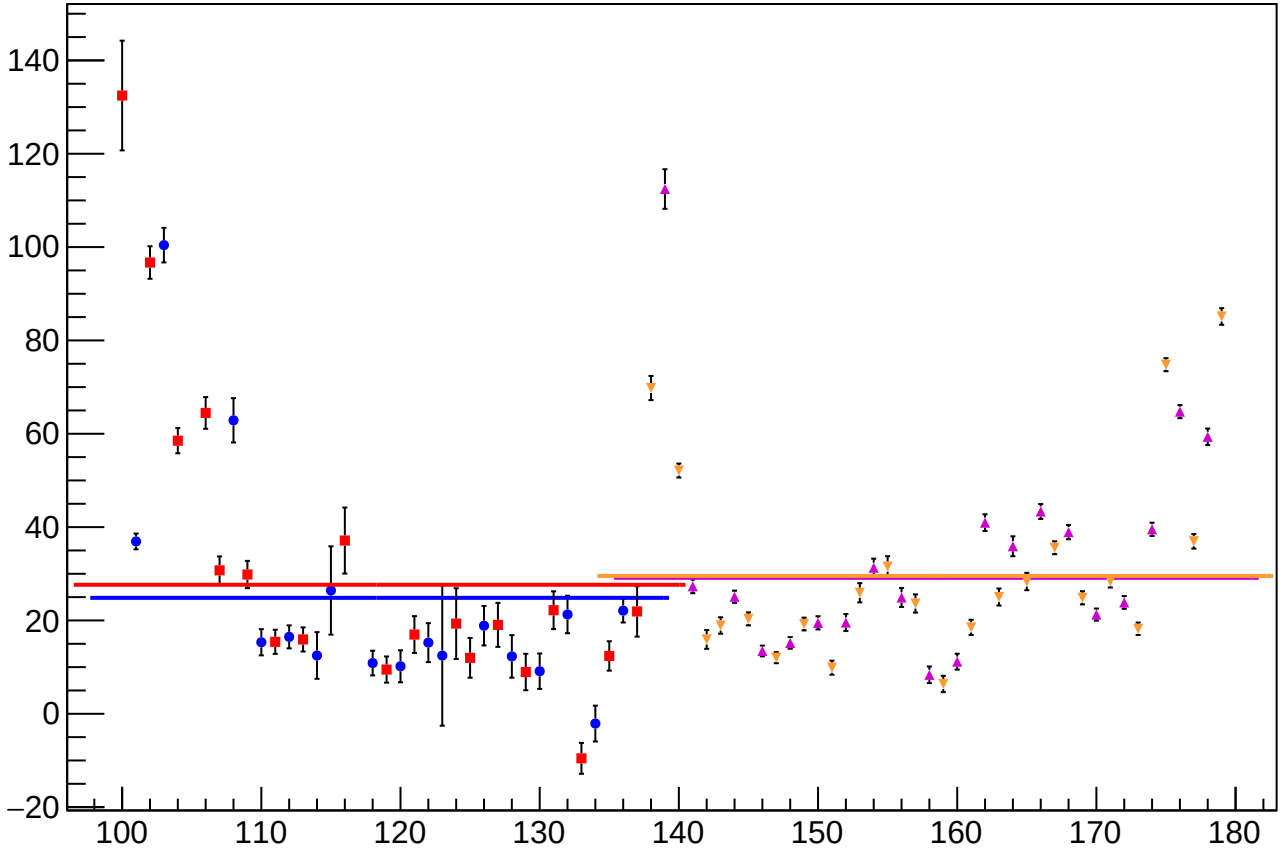
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -69.823+/-0.455 χ^2/NDF:6556.5/19

Out: -73.266+/-0.449 χ^2/NDF:8696.9/21

All: -71.569+/-0.320 χ^2/NDF: 15282.3/41

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 29.542+/-0.339 χ^2/NDF:3425.5/21

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 29.136+/-0.348 χ^2/NDF:2250.8/19

Left: 29.344+/-0.243 χ^2/NDF: 5677.1/41

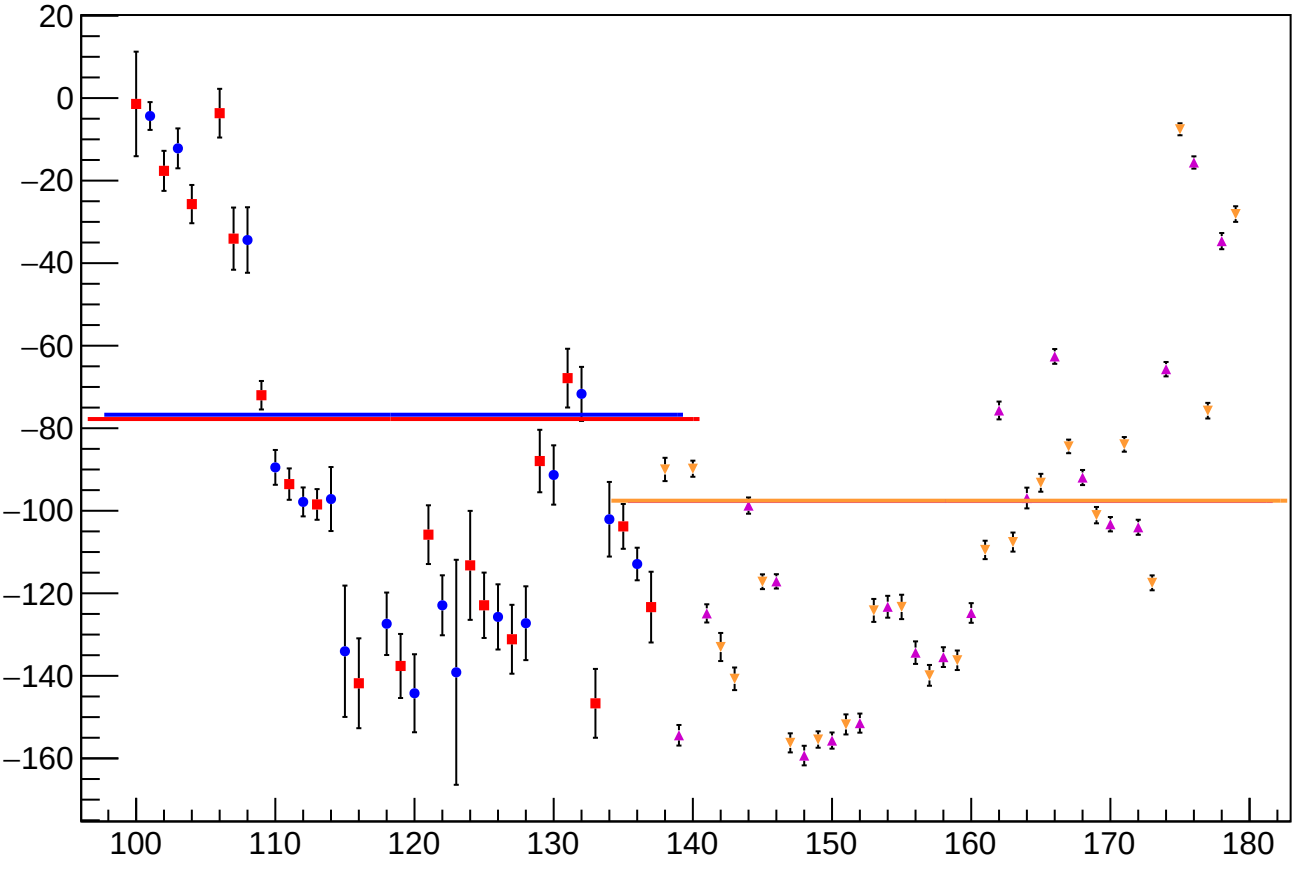
Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 28.455+/-0.319 χ^2/NDF:2965.8/36

Out: 29.260+/-0.313 χ^2/NDF:4439.3/40

All: 28.866+/-0.223 χ^2/NDF: 7408.4/77

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -97.559+/-0.448 χ^2/NDF:8800.8/21

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -97.641+/-0.454 χ^2/NDF:8457.3/19

Left: -97.599+/-0.319 χ^2/NDF: 17258.1/41

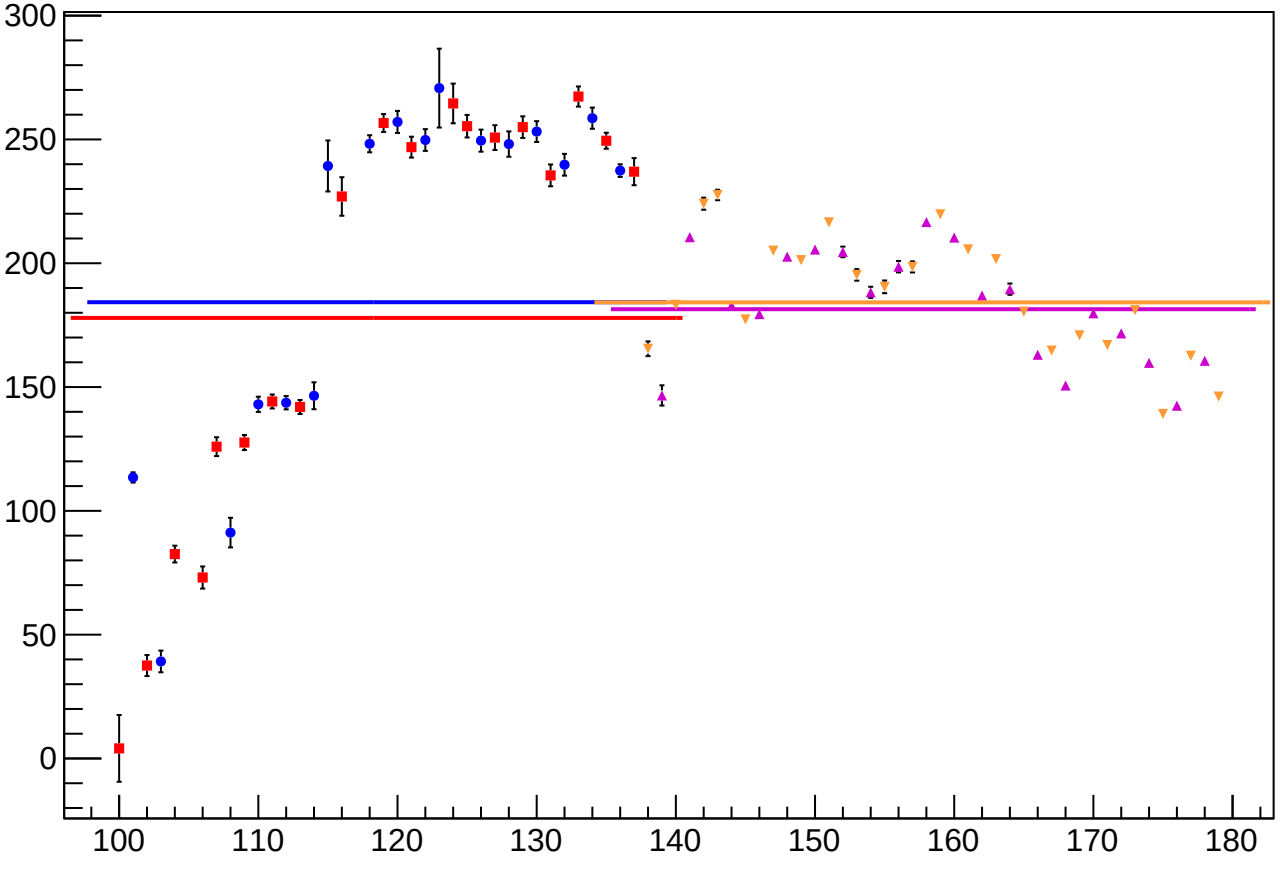
Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -95.684+/-0.432 χ^2/NDF:9698.1/36

Out: -95.602+/-0.425 χ^2/NDF:9865.6/40

All: -95.642+/-0.303 χ^2/NDF: 19563.7/77

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 184.208+/-0.385 χ^2/NDF:3827.8/21

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 181.438+/-0.395 χ^2/NDF:2971.4/19

Left: 182.855+/-0.276 χ^2/NDF: 6824.4/41

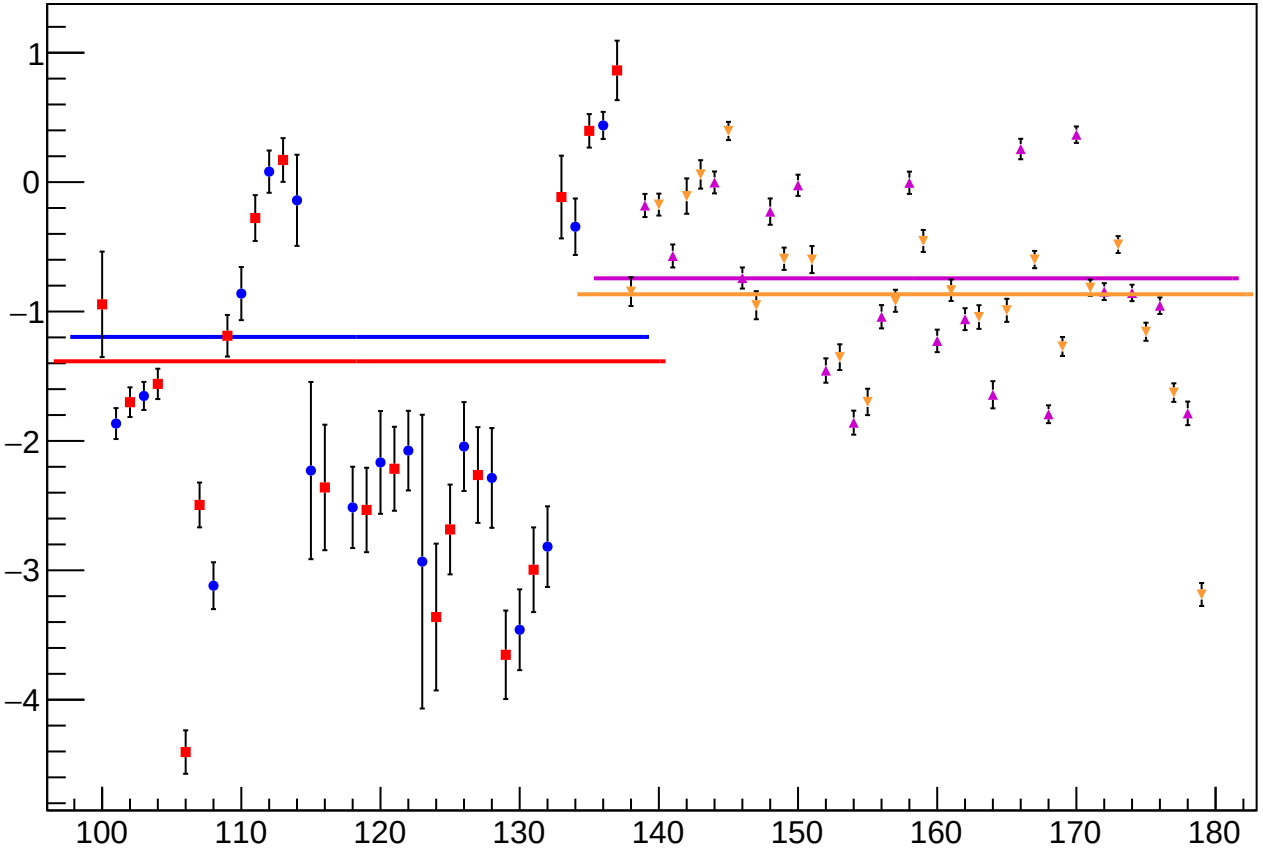
Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 181.883+/-0.362 χ^2/NDF:8380.5/36

Out: 183.277+/-0.356 χ^2/NDF:10198.1/40

All: 182.593+/-0.254 χ^2/NDF: 18586.1/77

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.867+/-0.018 χ^2/NDF:1523.4/21

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.744+/-0.018 χ^2/NDF:1472.0/19

Left: -0.806+/-0.013 χ^2/NDF: 3019.2/41

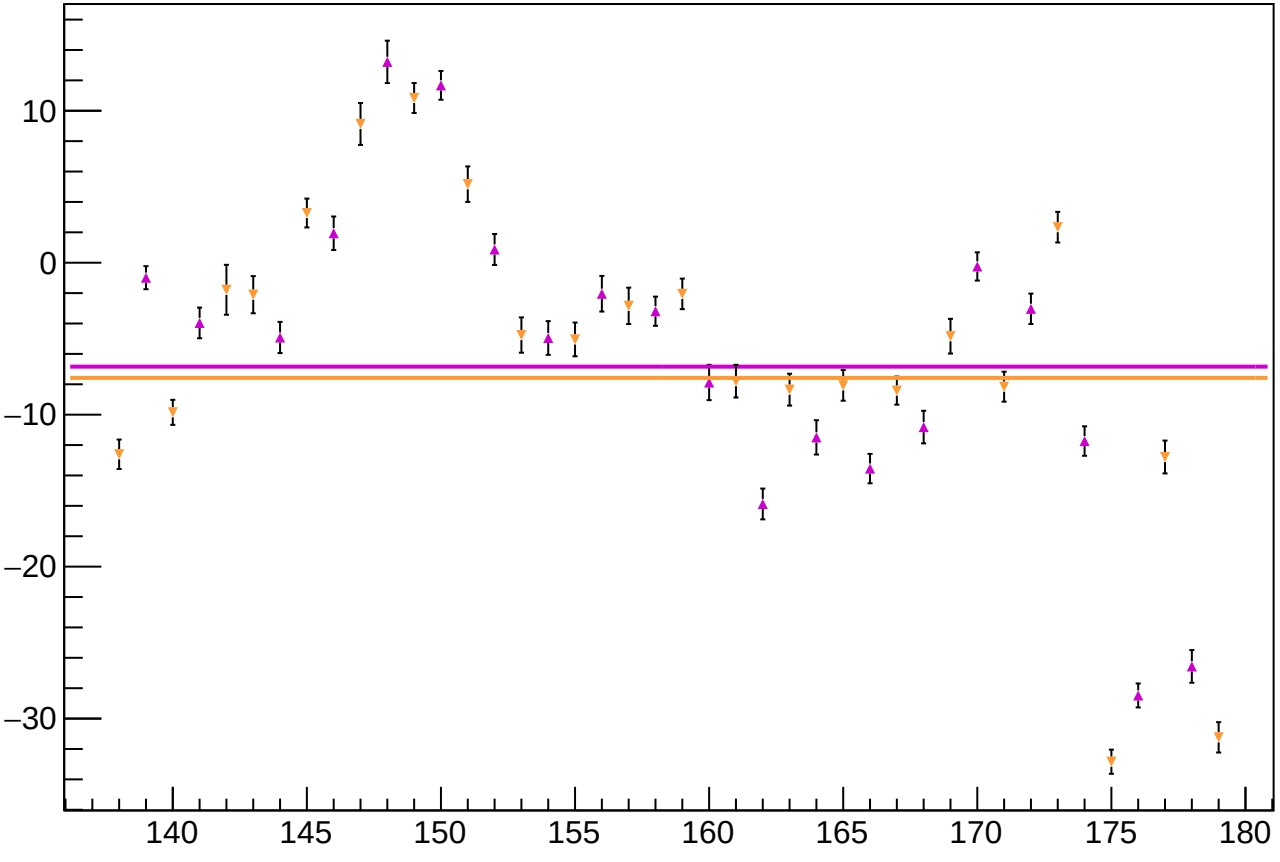
Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.799+/-0.017 χ^2/NDF:2172.9/36

Out: -0.935+/-0.017 χ^2/NDF:2559.2/40

All: -0.868+/-0.012 χ^2/NDF: 4765.1/77

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -7.580+/-0.222 χ^2/NDF:2569.5/21

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

Left In: -6.838+/-0.225 χ^2/NDF:2151.5/19

Left: -7.214+/-0.158 χ^2/NDF: 4726.5/41

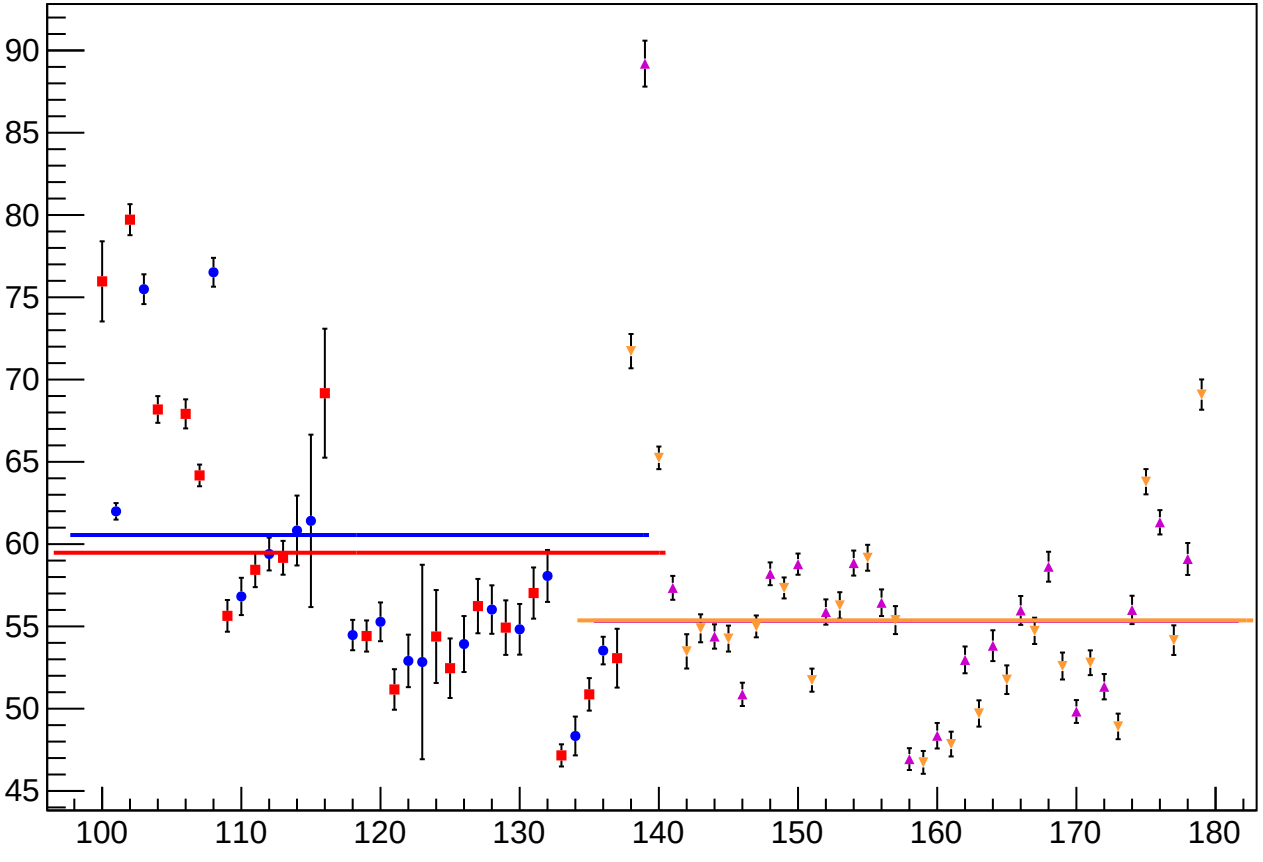
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.838+/-0.225 χ^2/NDF:2151.5/19

Out: -7.580+/-0.222 χ^2/NDF:2569.5/21

All: -7.214+/-0.158 χ^2/NDF: 4726.5/41

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 55.365+/-0.168 χ^2/NDF:1279.5/21

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 55.334+/-0.175 χ^2/NDF:1144.2/19

Left: 55.350+/-0.121 χ^2/NDF: 2423.7/41

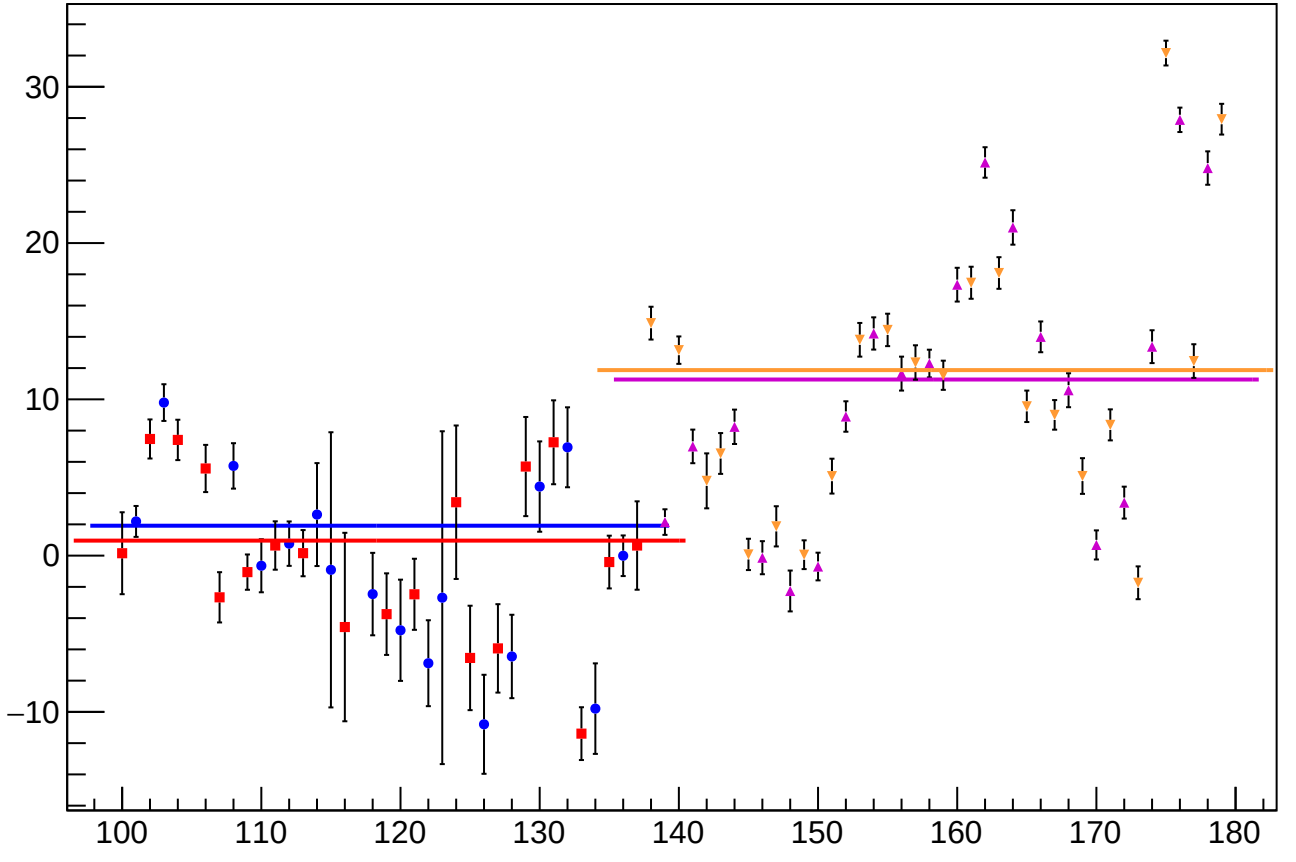
Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 56.944+/-0.145 χ^2/NDF:2350.4/36

Out: 56.656+/-0.139 χ^2/NDF:2785.3/40

All: 56.794+/-0.100 χ^2/NDF: 5137.7/77

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 11.871+/-0.220 χ^2/NDF:1671.5/21

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 11.269+/-0.223 χ^2/NDF:1694.7/19

Left: 11.573+/-0.156 χ^2/NDF: 3370.0/41

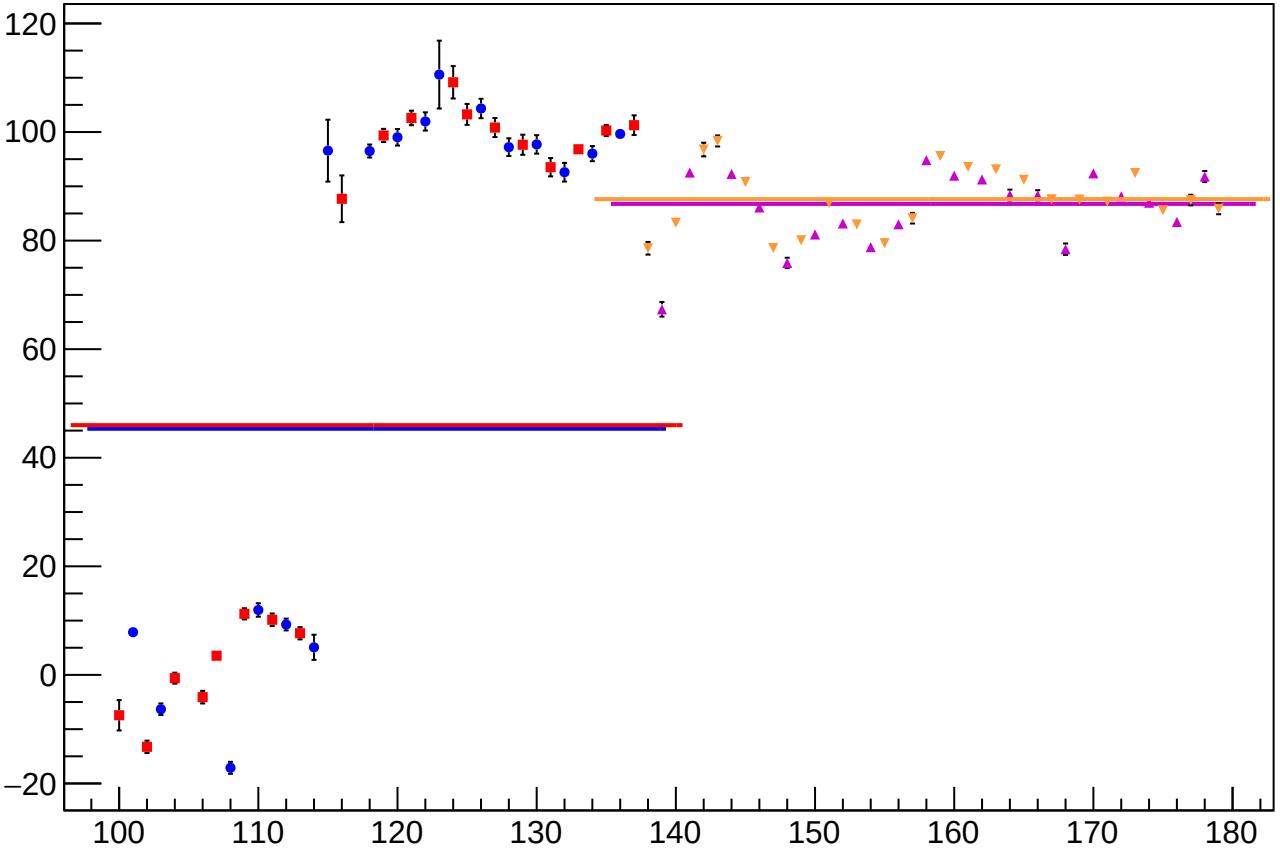
Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 9.480+/-0.200 χ^2/NDF:2154.1/36

Out: 9.559+/-0.195 χ^2/NDF:2342.4/40

All: 9.521+/-0.140 χ^2/NDF: 4496.6/77

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 87.644+/-0.190 χ^2/NDF:854.4/21

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 86.756+/-0.196 χ^2/NDF:962.3/19

Left: 87.215+/-0.137 χ^2/NDF: 1827.2/41

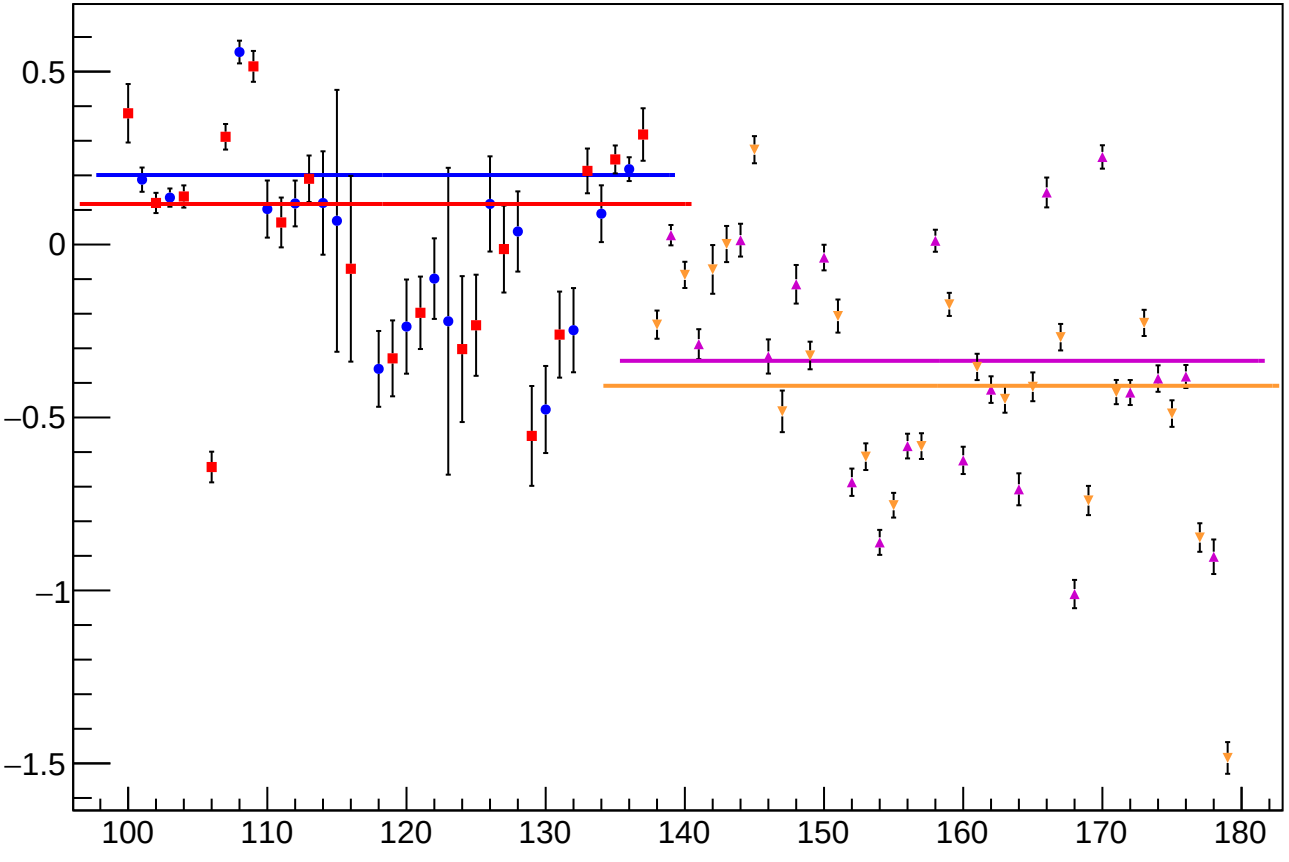
Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 74.514+/-0.165 χ^2/NDF:39170.6/36

Out: 75.093+/-0.159 χ^2/NDF:43527.6/40

All: 74.814+/-0.114 χ^2/NDF: 82704.6/77

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.408+/-0.009 χ^2/NDF:1464.6/21

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.336+/-0.009 χ^2/NDF:1709.1/19

Left: -0.372+/-0.006 χ^2/NDF: 3208.4/41

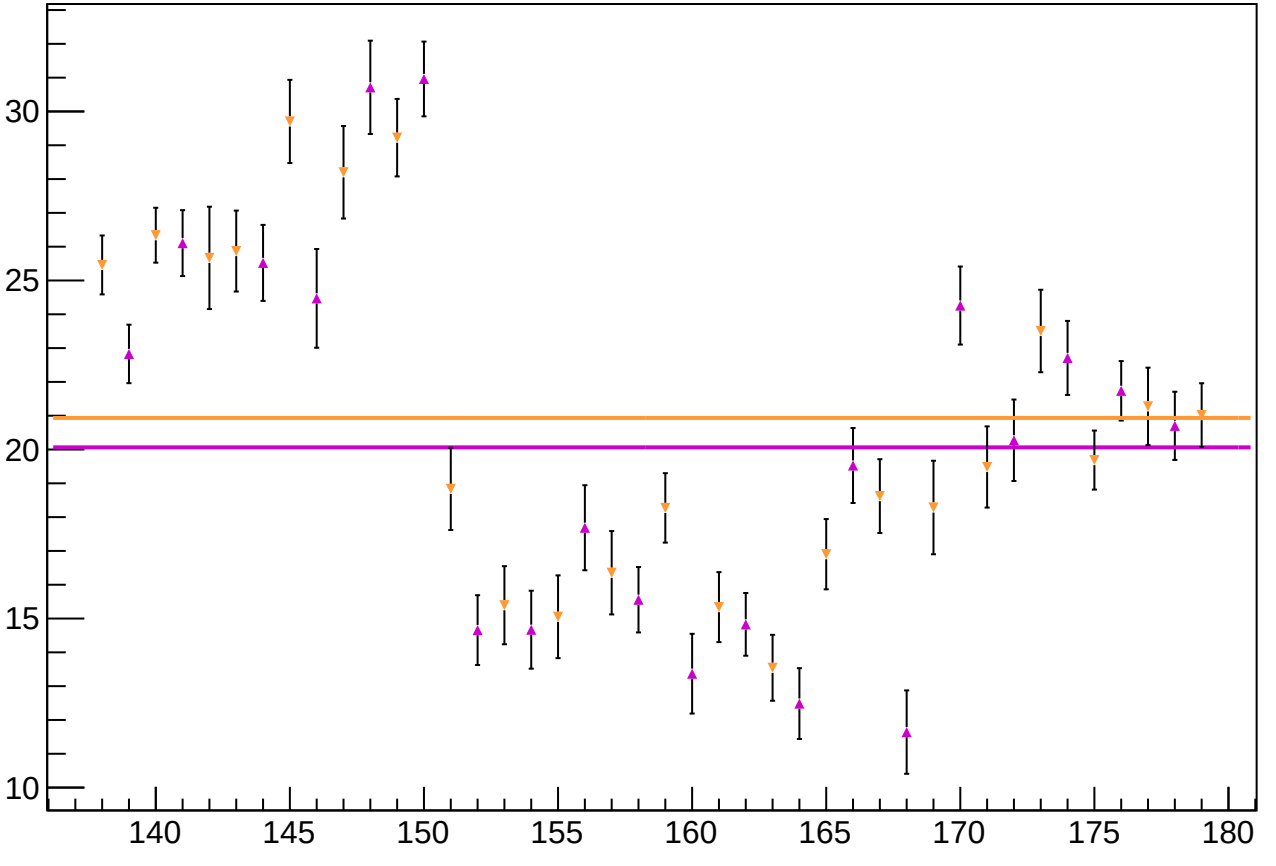
Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: -0.188+/-0.007 χ^2/NDF:2987.8/36

Out: -0.247+/-0.007 χ^2/NDF:3094.7/40

All: -0.218+/-0.005 χ^2/NDF: 6115.3/77

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 20.934+/-0.233 χ^2/NDF:416.9/21

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

Left In: 20.064+/-0.241 χ^2/NDF:498.9/19

Left: 20.514+/-0.167 χ^2/NDF: 922.5/41

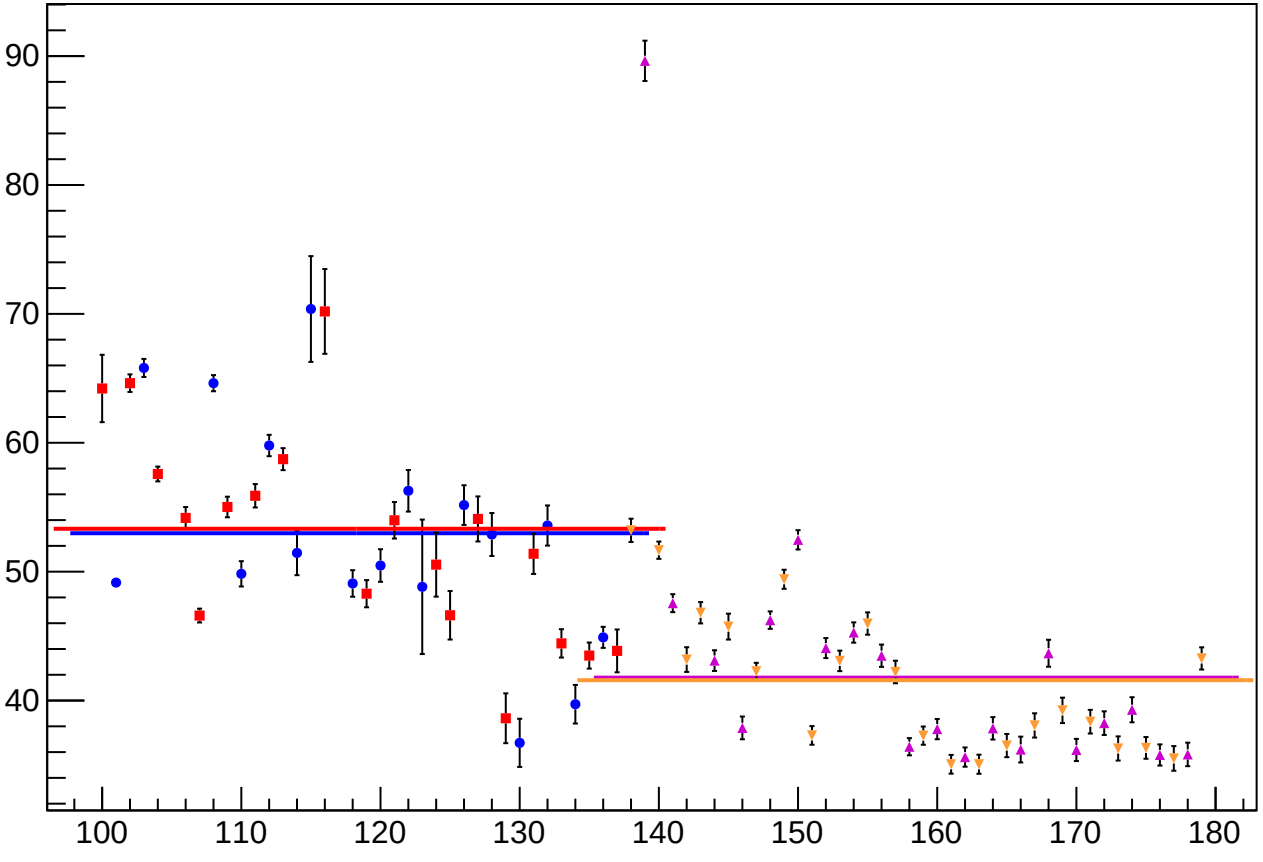
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 20.064+/-0.241 χ^2/NDF:498.9/19

Out: 20.934+/-0.233 χ^2/NDF:416.9/21

All: 20.514+/-0.167 χ^2/NDF: 922.5/41

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 41.579+/-0.175 χ^2/NDF:1004.1/21

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 41.776+/-0.186 χ^2/NDF:1680.7/19

Left: 41.672+/-0.127 χ^2/NDF: 2685.4/41

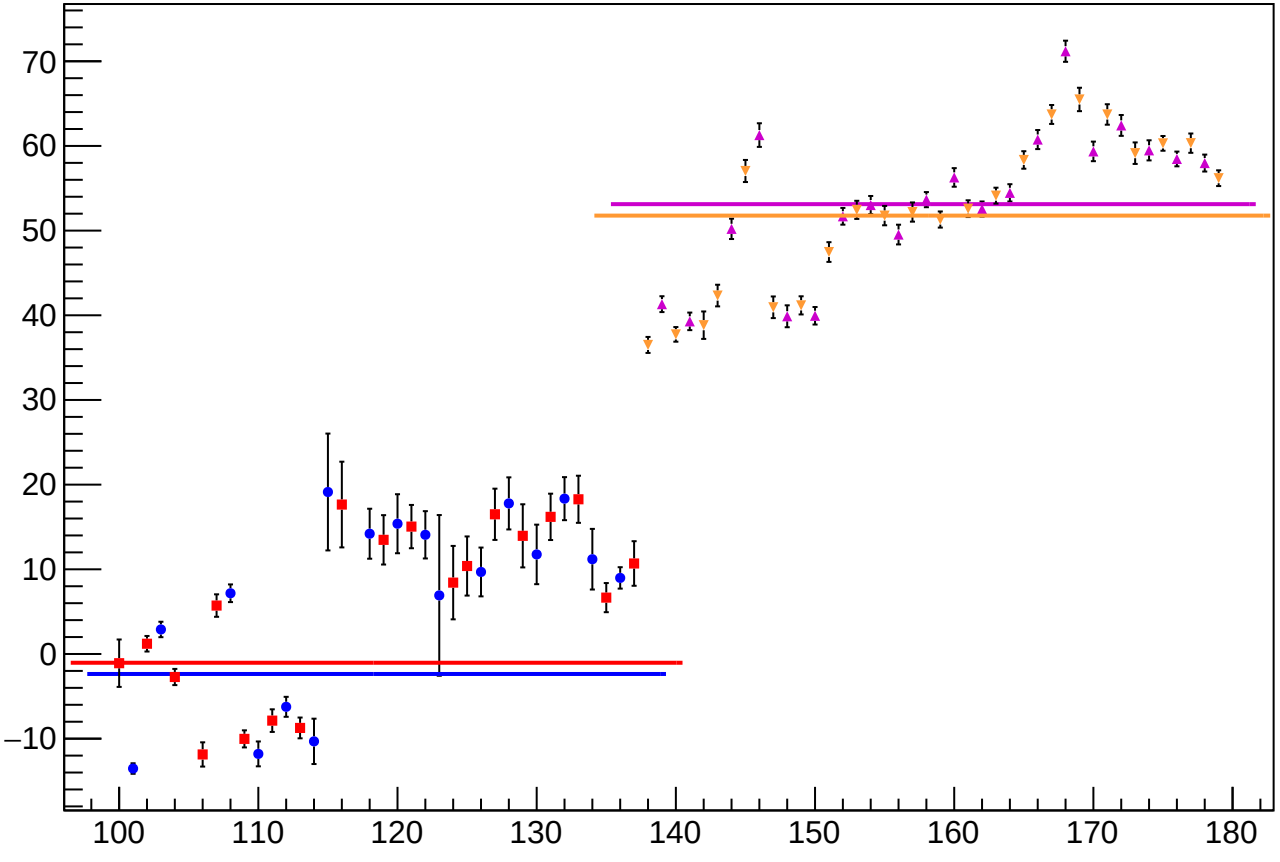
Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 46.686+/-0.139 χ^2/NDF:4475.3/36

Out: 45.973+/-0.139 χ^2/NDF:3558.2/40

All: 46.329+/-0.098 χ^2/NDF: 8046.7/77

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 51.773+/-0.231 χ^2/NDF:1409.2/21

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 53.125+/-0.238 χ^2/NDF:1097.7/19

Left: 52.428+/-0.166 χ^2/NDF: 2523.5/41

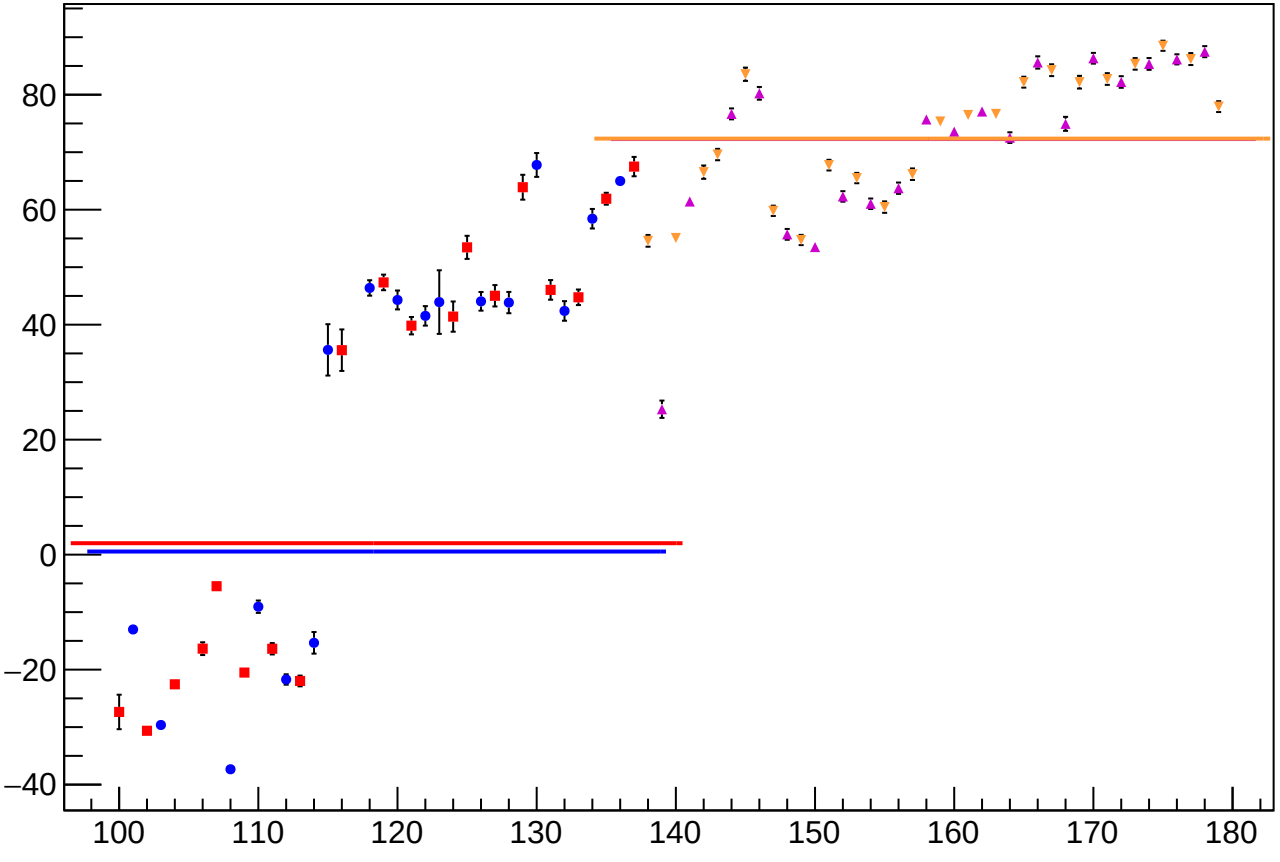
Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 36.461+/-0.199 χ^2/NDF:18212.6/36

Out: 37.352+/-0.197 χ^2/NDF:16186.5/40

All: 36.912+/-0.140 χ^2/NDF: 34409.3/77

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 72.362+/-0.199 χ^2/NDF:2946.9/21

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 72.287+/-0.209 χ^2/NDF:3545.9/19

Left: 72.326+/-0.144 χ^2/NDF: 6492.8/41

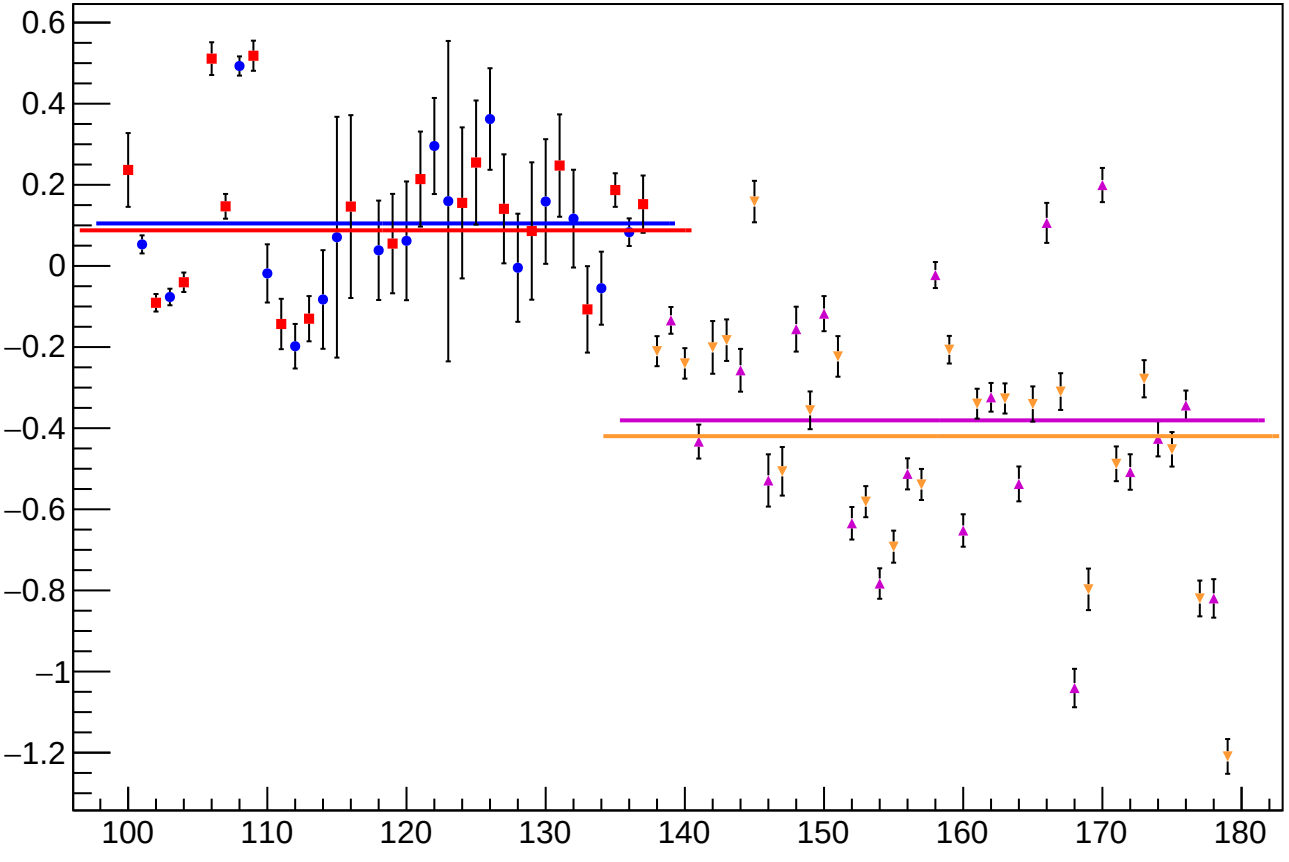
Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 42.305+/-0.159 χ^2/NDF:71200.5/36

Out: 47.112+/-0.160 χ^2/NDF:63126.7/40

All: 44.706+/-0.113 χ^2/NDF: 134781.1/77

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.420+/-0.009 χ^2/NDF:857.9/21

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.381+/-0.009 χ^2/NDF:1051.6/19

Left: -0.401+/-0.007 χ^2/NDF: 1918.4/41

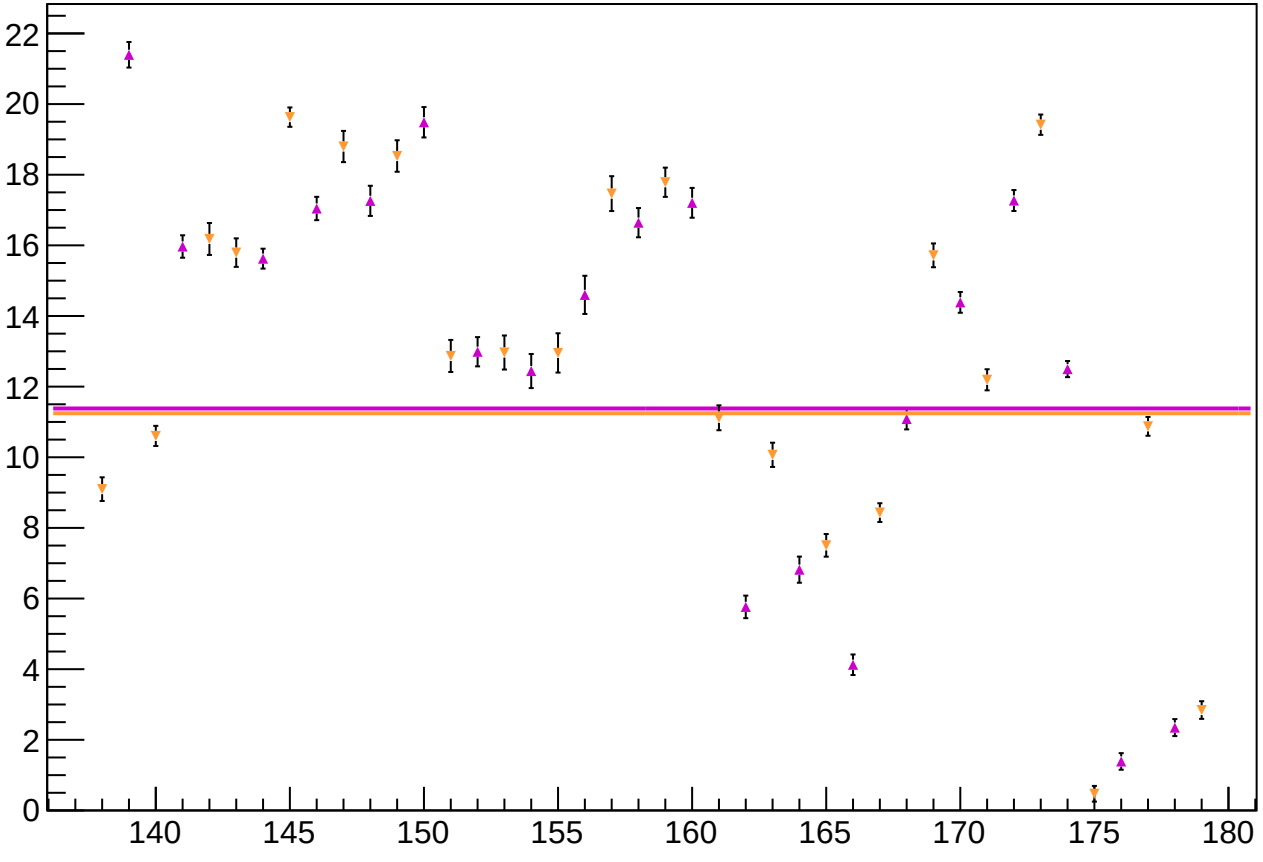
Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: -0.179+/-0.007 χ^2/NDF:2584.2/36

Out: -0.212+/-0.007 χ^2/NDF:2505.9/40

All: -0.196+/-0.005 χ^2/NDF: 5101.1/77

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 11.247+/-0.071 χ^2/NDF:6963.0/21

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

Left In: 11.381+/-0.072 χ^2/NDF:7270.7/19

Left: 11.312+/-0.050 χ^2/NDF: 14235.4/41

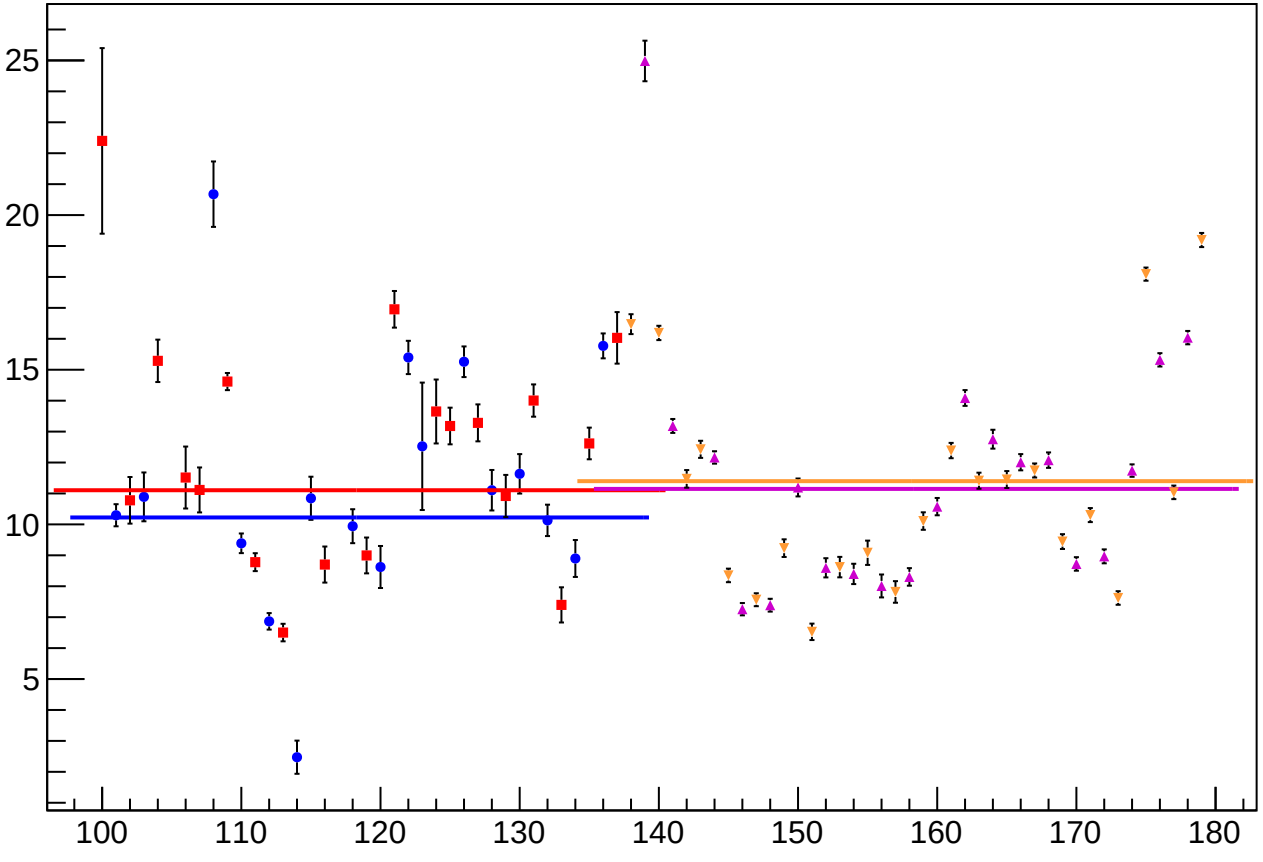
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.381+/-0.072 χ^2/NDF:7270.7/19

Out: 11.247+/-0.071 χ^2/NDF:6963.0/21

All: 11.312+/-0.050 χ^2/NDF: 14235.4/41

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 11.398+/-0.054 χ^2/NDF:4402.1/21

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 11.147+/-0.056 χ^2/NDF:2870.9/19

Left: 11.276+/-0.039 χ^2/NDF: 7283.4/41

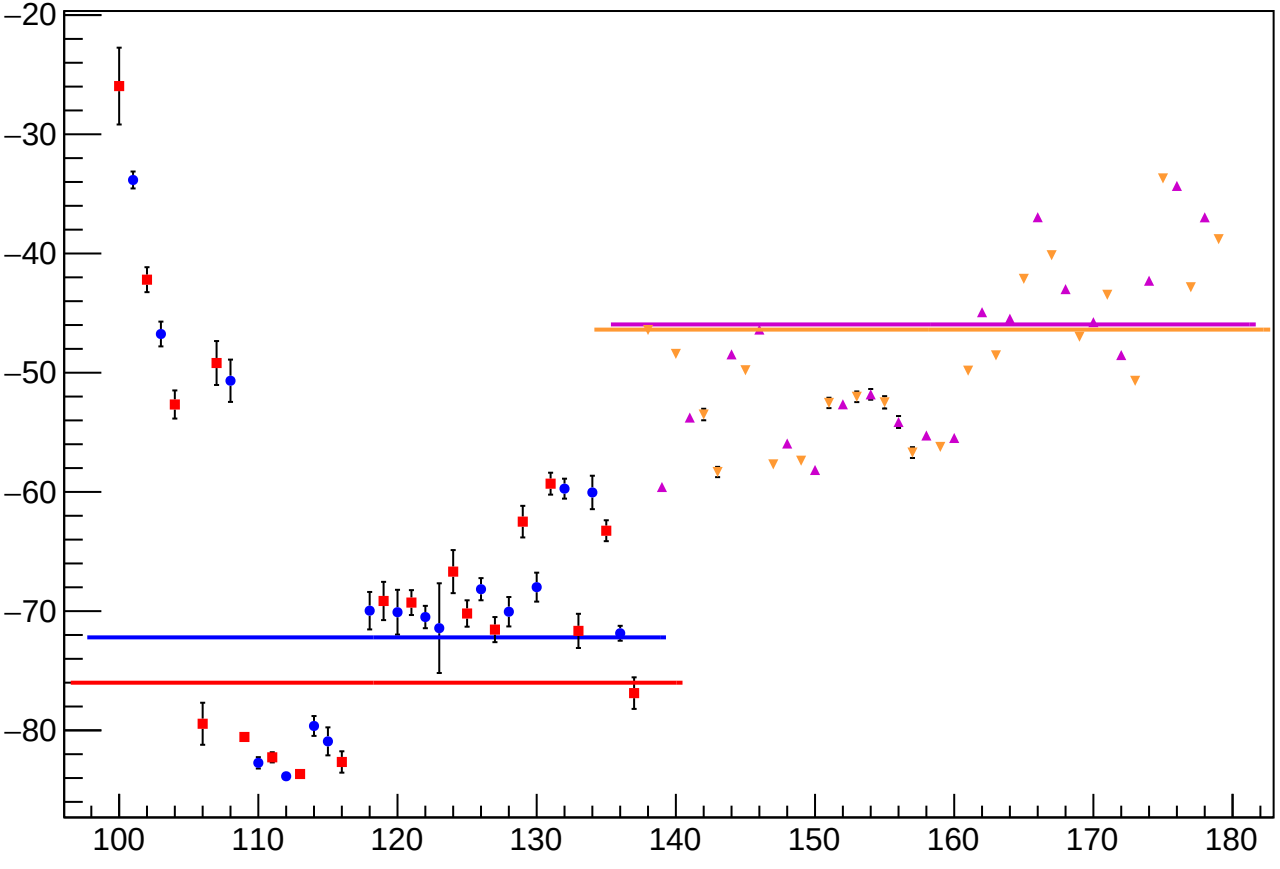
Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 10.982+/-0.050 χ^2/NDF:3797.9/36

Out: 11.346+/-0.049 χ^2/NDF:5224.5/40

All: 11.169+/-0.035 χ^2/NDF: 9049.3/77

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -46.384+/-0.071 χ^2/NDF:9799.2/21

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -45.950+/-0.072 χ^2/NDF:10501.3/19

Left: -46.171+/-0.050 χ^2/NDF: 20319.0/41

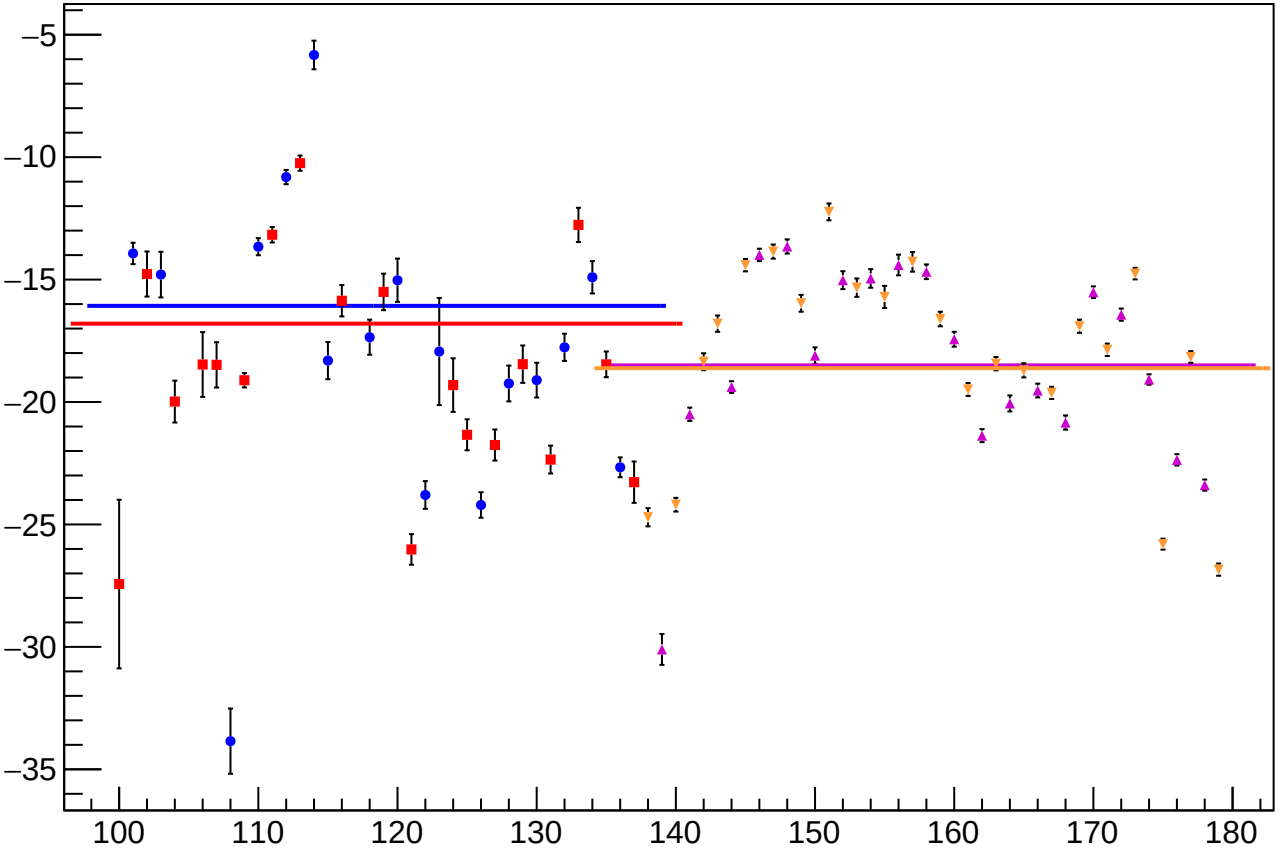
Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -49.025+/-0.068 χ^2/NDF:31635.2/36

Out: -50.305+/-0.066 χ^2/NDF:36514.5/40

All: -49.682+/-0.047 χ^2/NDF: 68333.7/77

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -18.619+/-0.061 χ^2/NDF:4384.8/21

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -18.505+/-0.063 χ^2/NDF:2638.6/19

Left: -18.564+/-0.044 χ^2/NDF: 7025.1/41

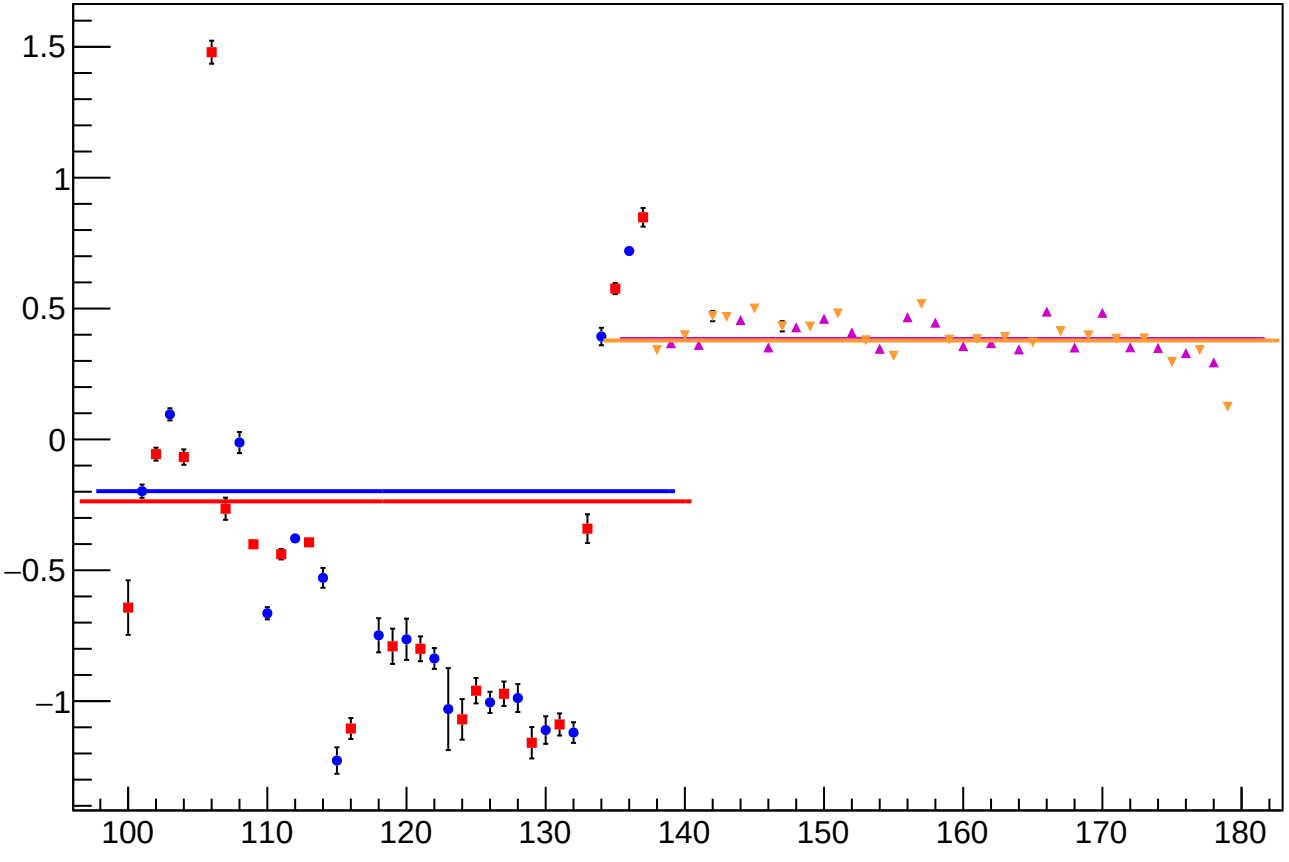
Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -18.057+/-0.057 χ^2/NDF:4556.2/36

Out: -18.282+/-0.055 χ^2/NDF:5764.9/40

All: -18.173+/-0.040 χ^2/NDF: 10329.2/77

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.378+/-0.003 χ^2/NDF:891.0/21

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.383+/-0.003 χ^2/NDF:407.6/19

Left: 0.381+/-0.002 χ^2/NDF: 1300.4/41

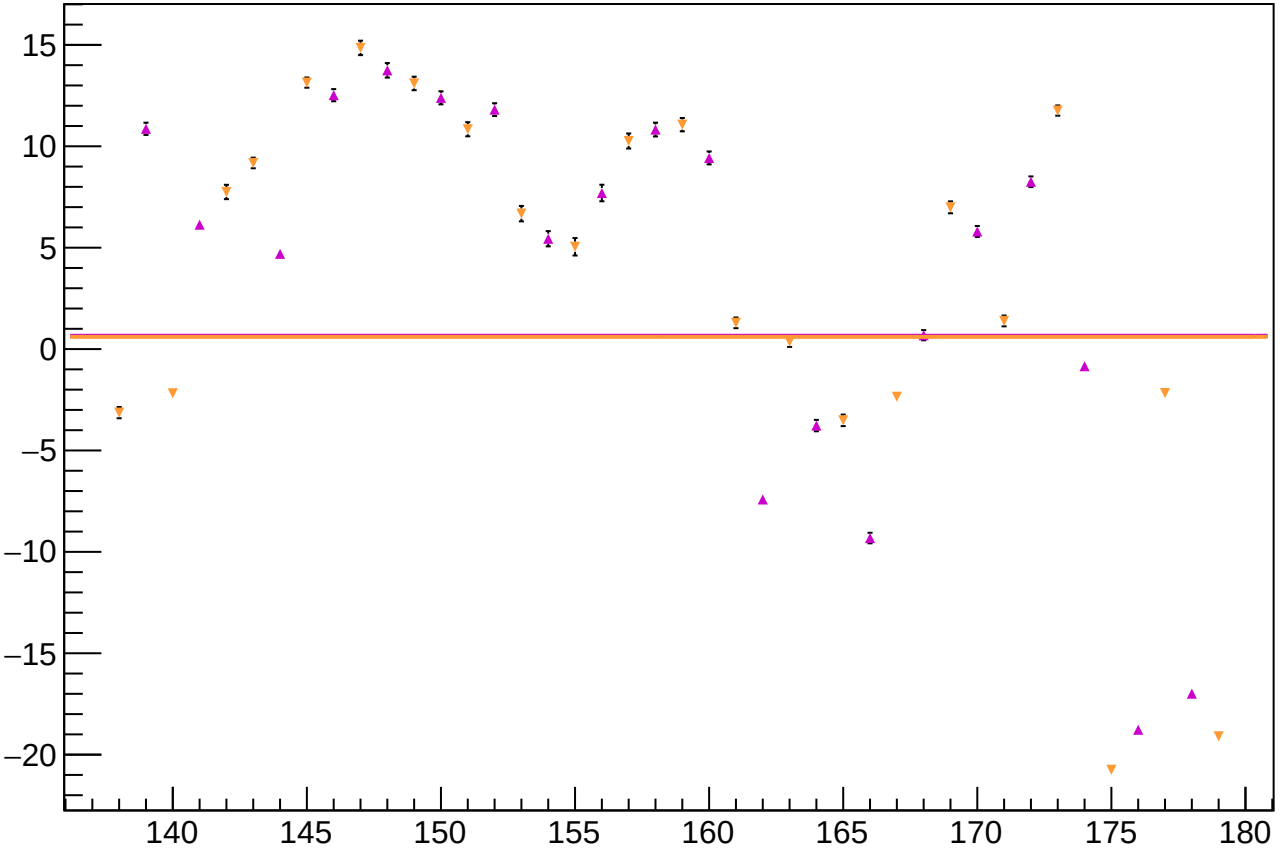
Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.310+/-0.003 χ^2/NDF:11946.0/36

Out: 0.296+/-0.003 χ^2/NDF:13476.0/40

All: 0.303+/-0.002 χ^2/NDF: 25437.2/77

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 0.603+/-0.059 χ^2/NDF:32273.5/21

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

Left In: 0.655+/-0.061 χ^2/NDF:28172.7/19

Left: 0.629+/-0.042 χ^2/NDF: 60446.6/41

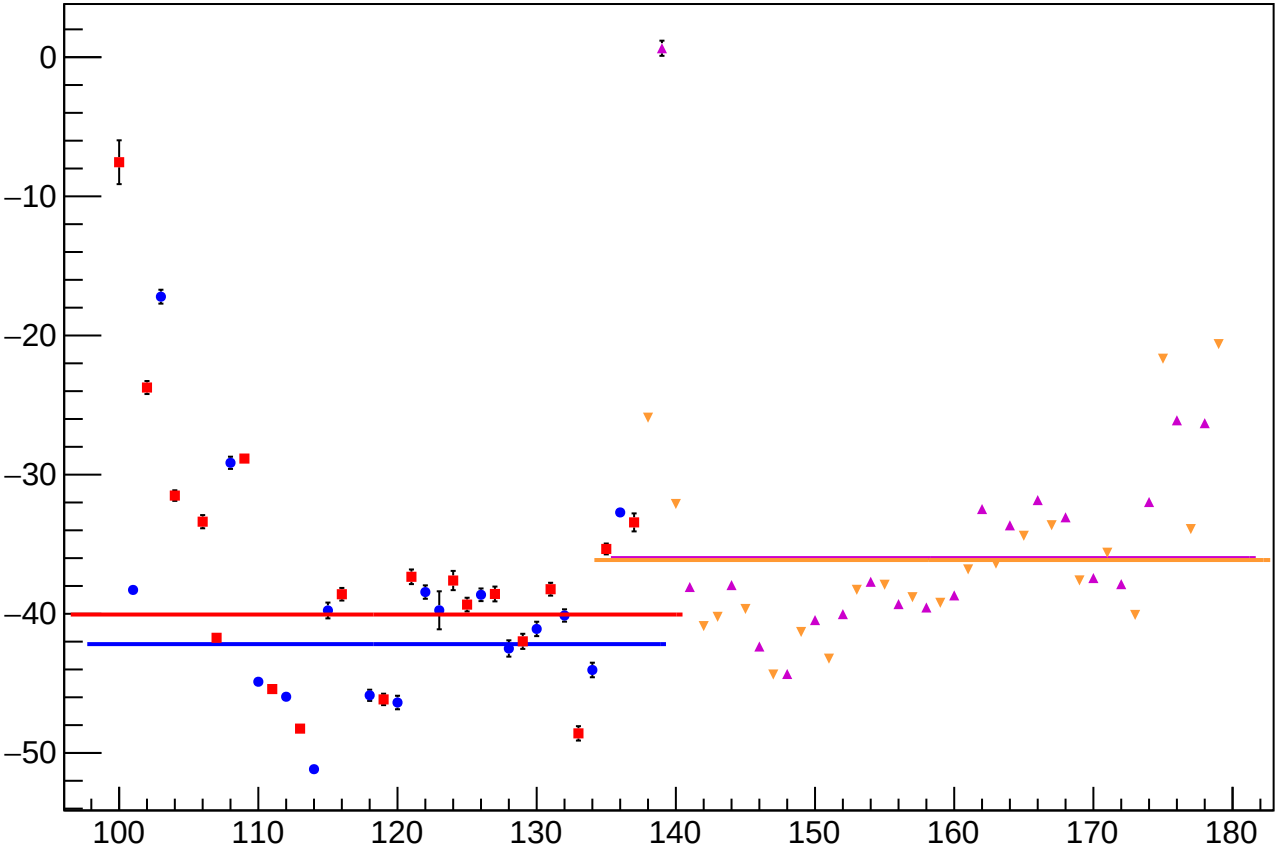
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.655+/-0.061 χ^2/NDF:28172.7/19

Out: 0.603+/-0.059 χ^2/NDF:32273.5/21

All: 0.629+/-0.042 χ^2/NDF: 60446.6/41

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -36.136+/-0.044 χ^2/NDF:19853.7/21

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -35.996+/-0.047 χ^2/NDF:15954.8/19

Left: -36.069+/-0.032 χ^2/NDF: 35813.1/41

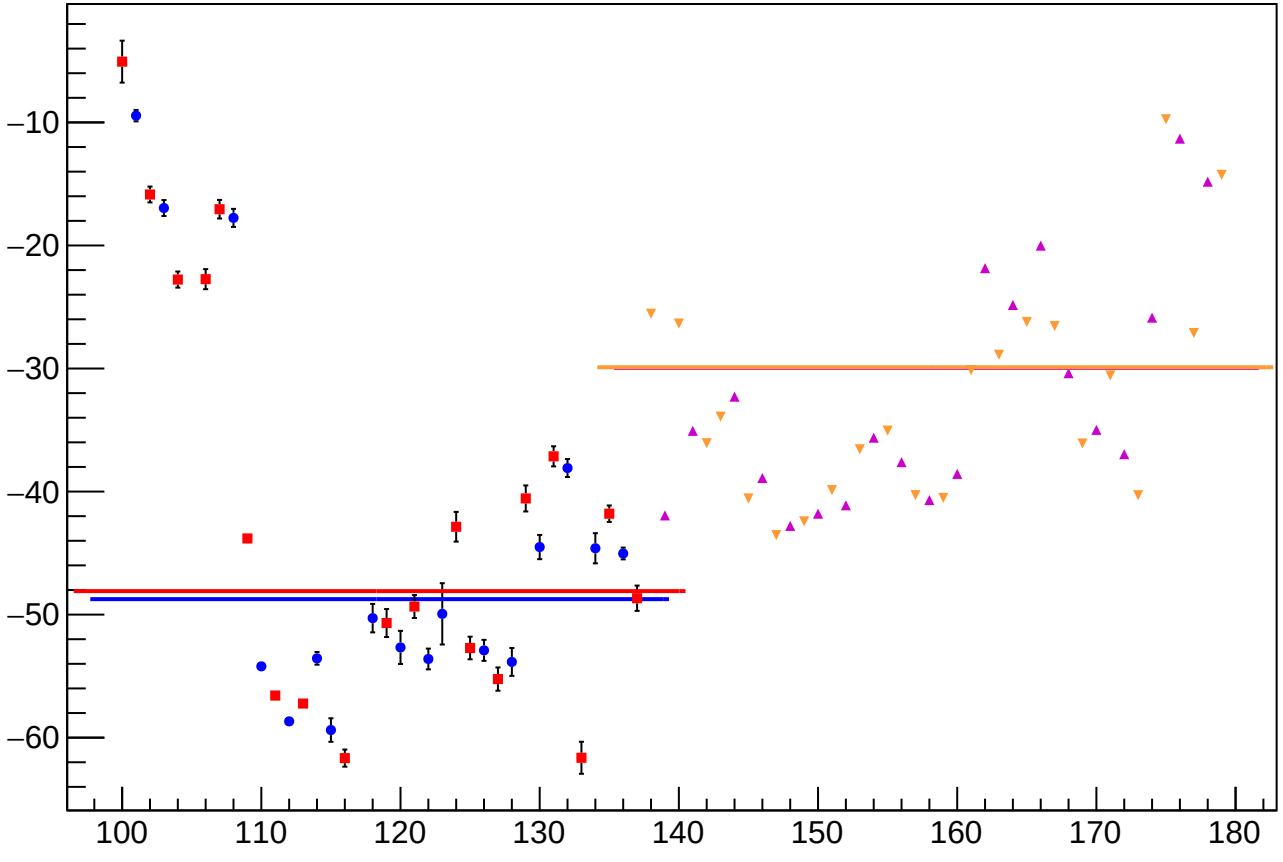
Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -37.640+/-0.040 χ^2/NDF:27169.0/36

Out: -37.200+/-0.038 χ^2/NDF:33275.4/40

All: -37.408+/-0.028 χ^2/NDF: 60507.8/77

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -29.900+/-0.059 χ^2/NDF:27045.5/21

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -29.954+/-0.061 χ^2/NDF:26674.4/19

Left: -29.926+/-0.042 χ^2/NDF: 53720.4/41

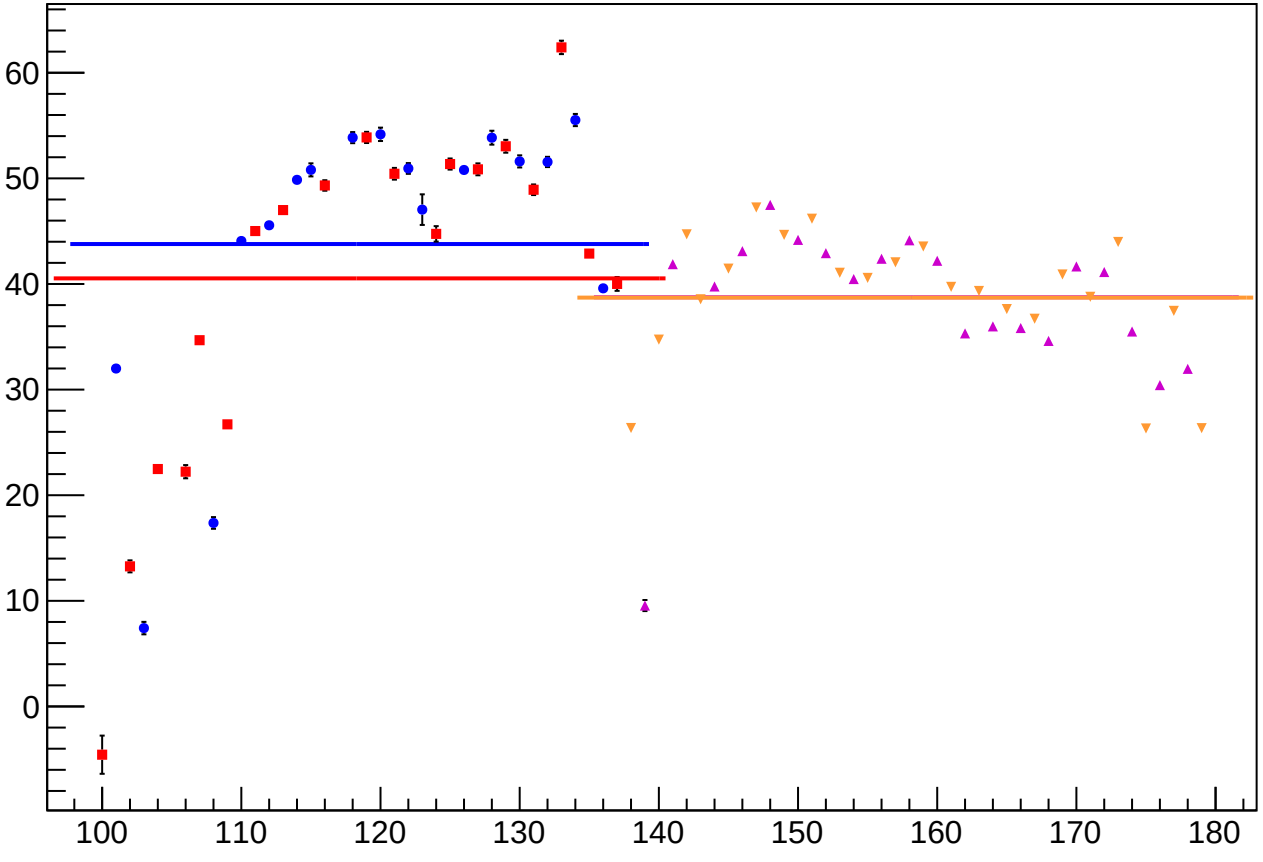
Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -33.566+/-0.055 χ^2/NDF:59750.8/36

Out: -34.110+/-0.052 χ^2/NDF:60900.4/40

All: -33.853+/-0.037 χ^2/NDF: 120703.5/77

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 38.710+/-0.051 χ^2/NDF:13510.3/21

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 38.741+/-0.053 χ^2/NDF:10533.7/19

Left: 38.725+/-0.037 χ^2/NDF: 24044.2/41

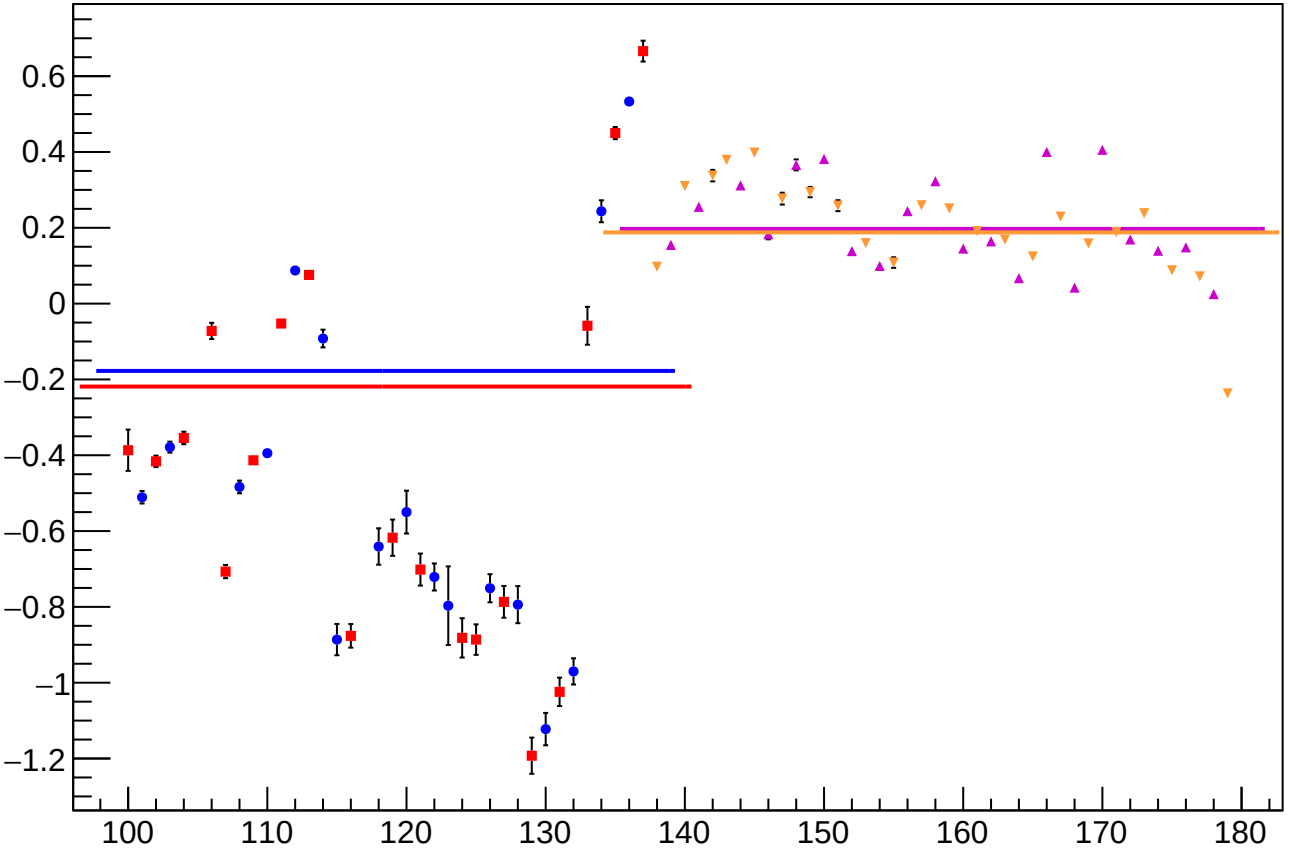
Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 40.108+/-0.045 χ^2/NDF:23640.6/36

Out: 39.228+/-0.043 χ^2/NDF:31459.9/40

All: 39.644+/-0.031 χ^2/NDF: 55301.2/77

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.188+/-0.002 χ^2/NDF:3240.9/21

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.197+/-0.002 χ^2/NDF:2253.5/19

Left: 0.192+/-0.002 χ^2/NDF: 5502.0/41

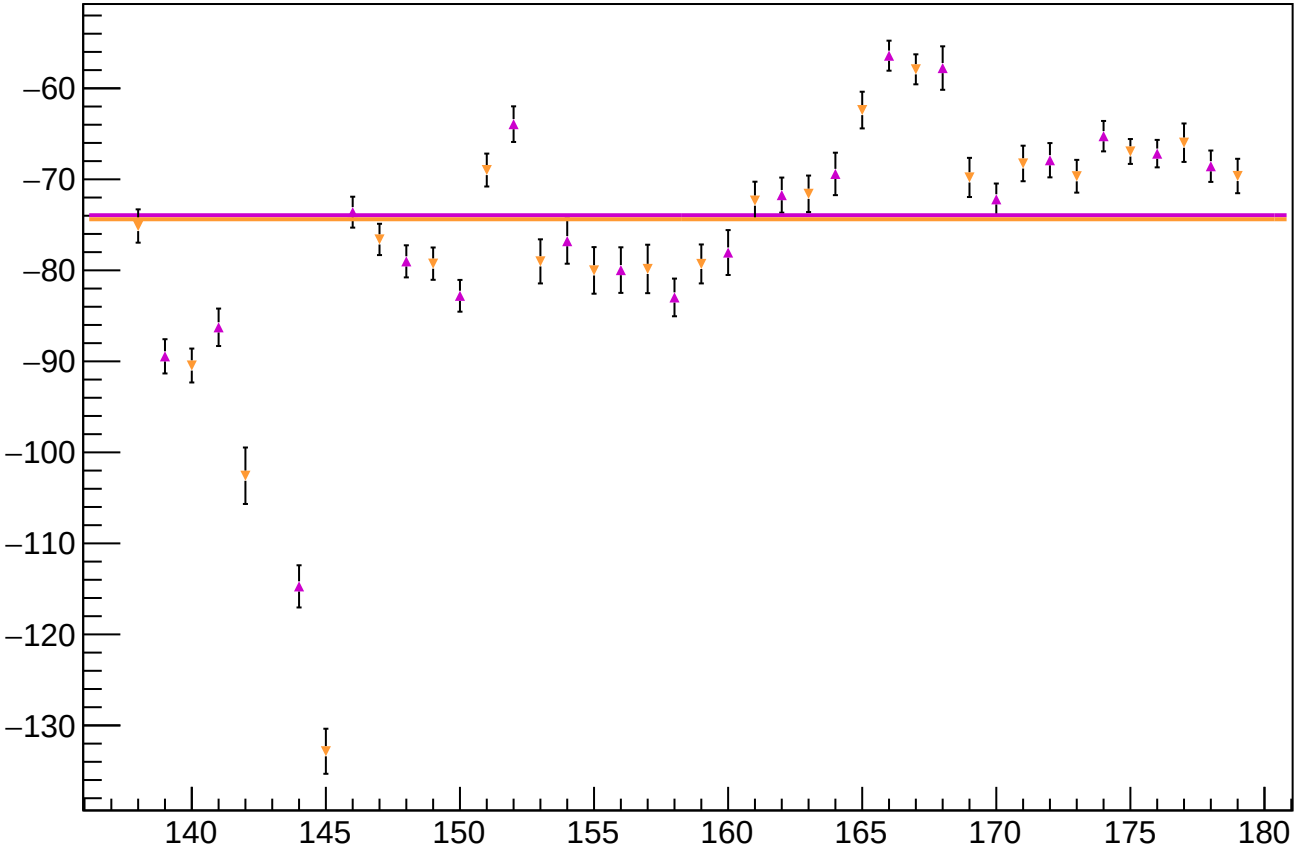
Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: 0.123+/-0.002 χ^2/NDF:14445.2/36

Out: 0.095+/-0.002 χ^2/NDF:17607.7/40

All: 0.108+/-0.001 χ^2/NDF: 32142.4/77

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -74.388+/-0.430 χ^2/NDF:962.0/20

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

Left In: -73.945+/-0.429 χ^2/NDF:734.4/19

Left: -74.166+/-0.304 χ^2/NDF: 1697.0/40

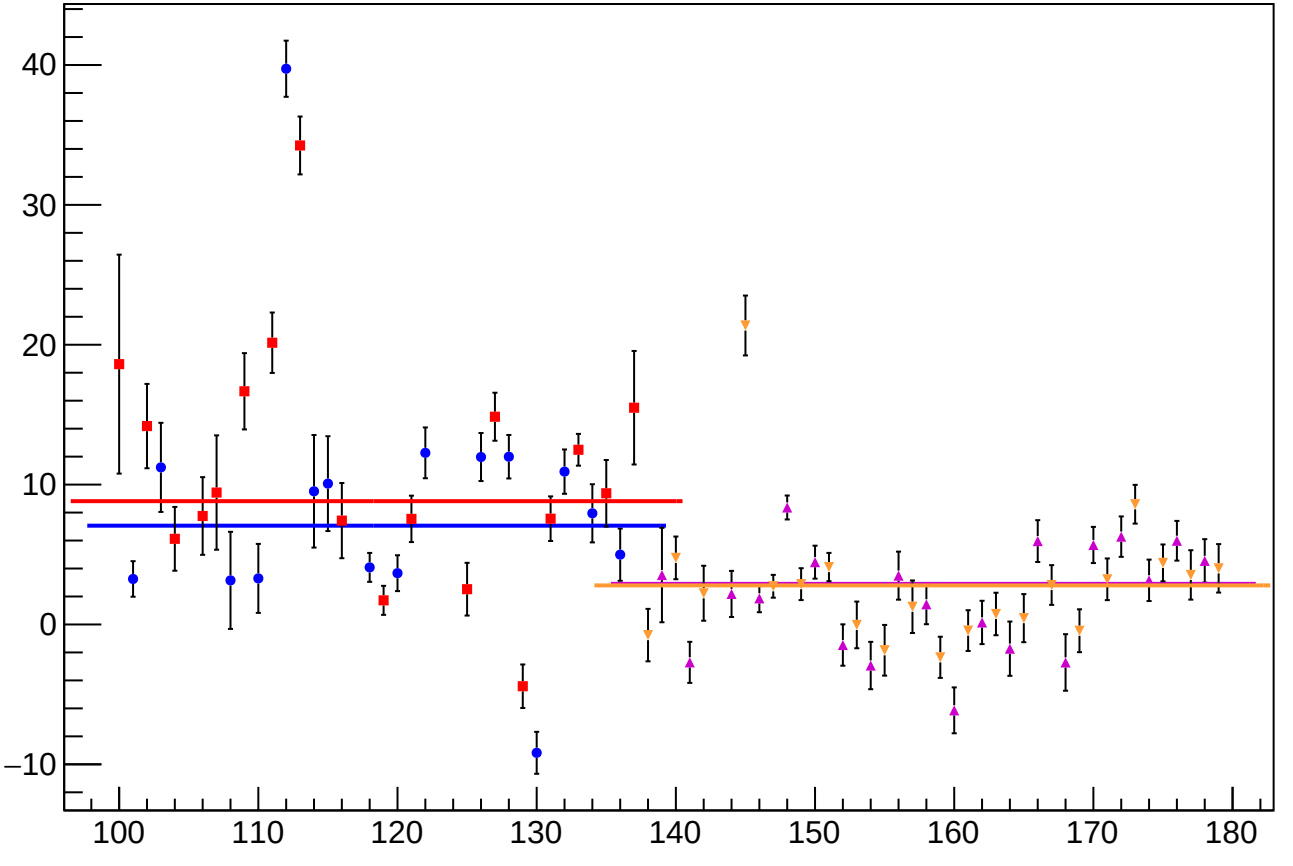
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -73.945+/-0.429 χ^2/NDF:734.4/19

Out: -74.388+/-0.430 χ^2/NDF:962.0/20

All: -74.166+/-0.304 χ^2/NDF: 1697.0/40

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.793+/-0.313 χ^2/NDF:137.6/20

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 2.903+/-0.319 χ^2/NDF:147.3/19

Left: 2.847+/-0.223 χ^2/NDF: 284.9/40

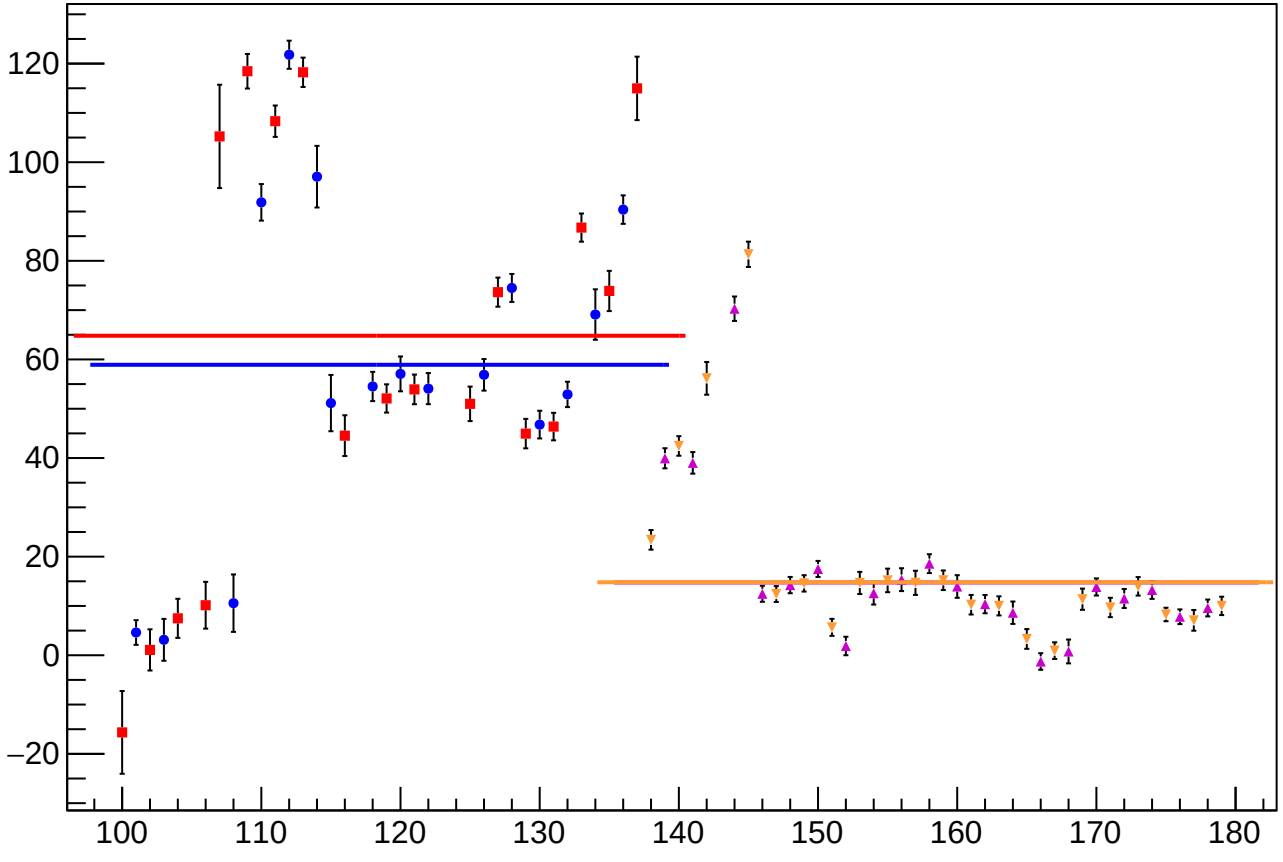
Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 4.362+/-0.257 χ^2/NDF:653.9/35

Out: 4.762+/-0.257 χ^2/NDF:609.1/38

All: 4.562+/-0.182 χ^2/NDF: 1264.2/74

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 14.799+/-0.424 χ^2/NDF:1233.3/20

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 14.762+/-0.424 χ^2/NDF:1006.8/19

Left: 14.781+/-0.300 χ^2/NDF: 2240.1/40

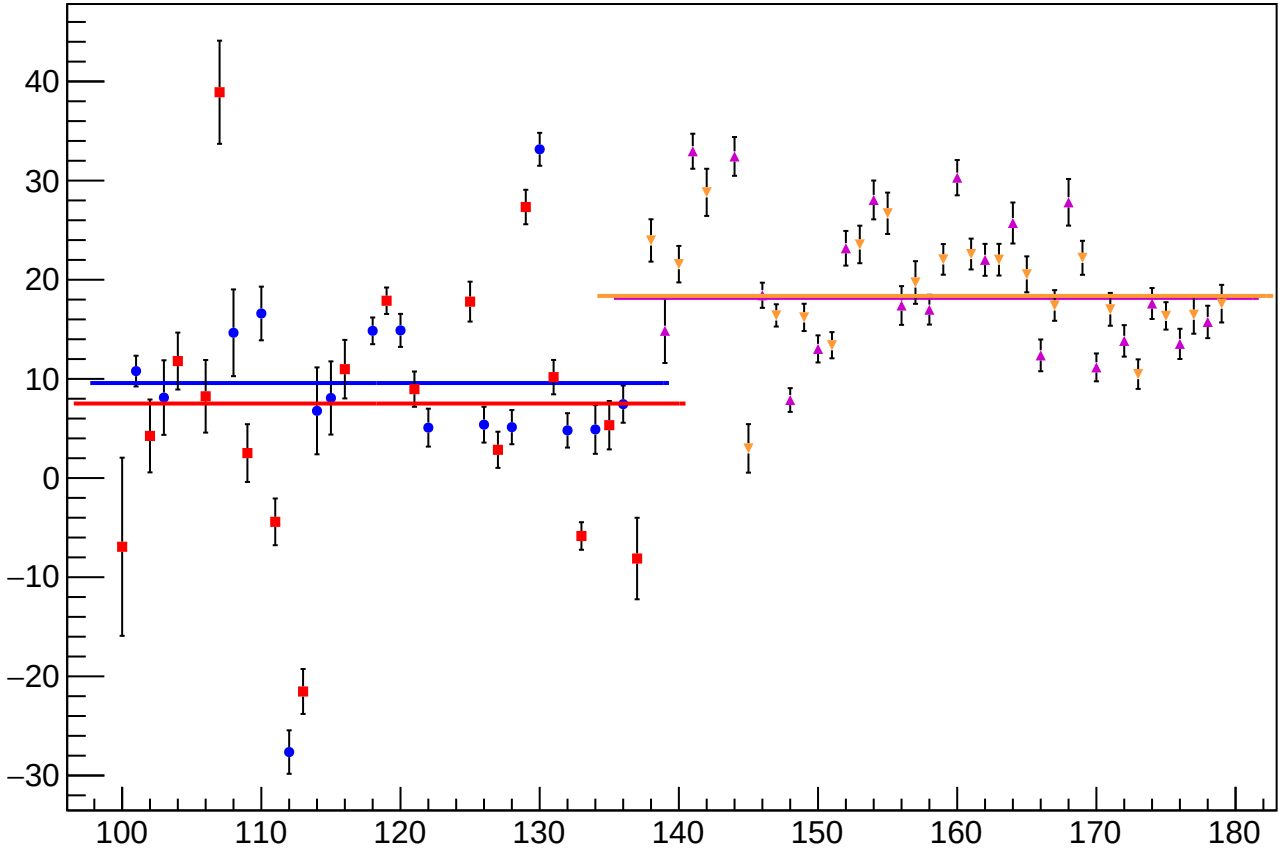
Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 23.878+/-0.378 χ^2/NDF:4741.2/35

Out: 24.948+/-0.379 χ^2/NDF:5774.2/38

All: 24.412+/-0.267 χ^2/NDF: 10519.4/74

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 18.369+/-0.361 χ^2/NDF:169.5/20

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 18.171+/-0.366 χ^2/NDF:386.6/19

Left: 18.272+/-0.257 χ^2/NDF: 556.2/40

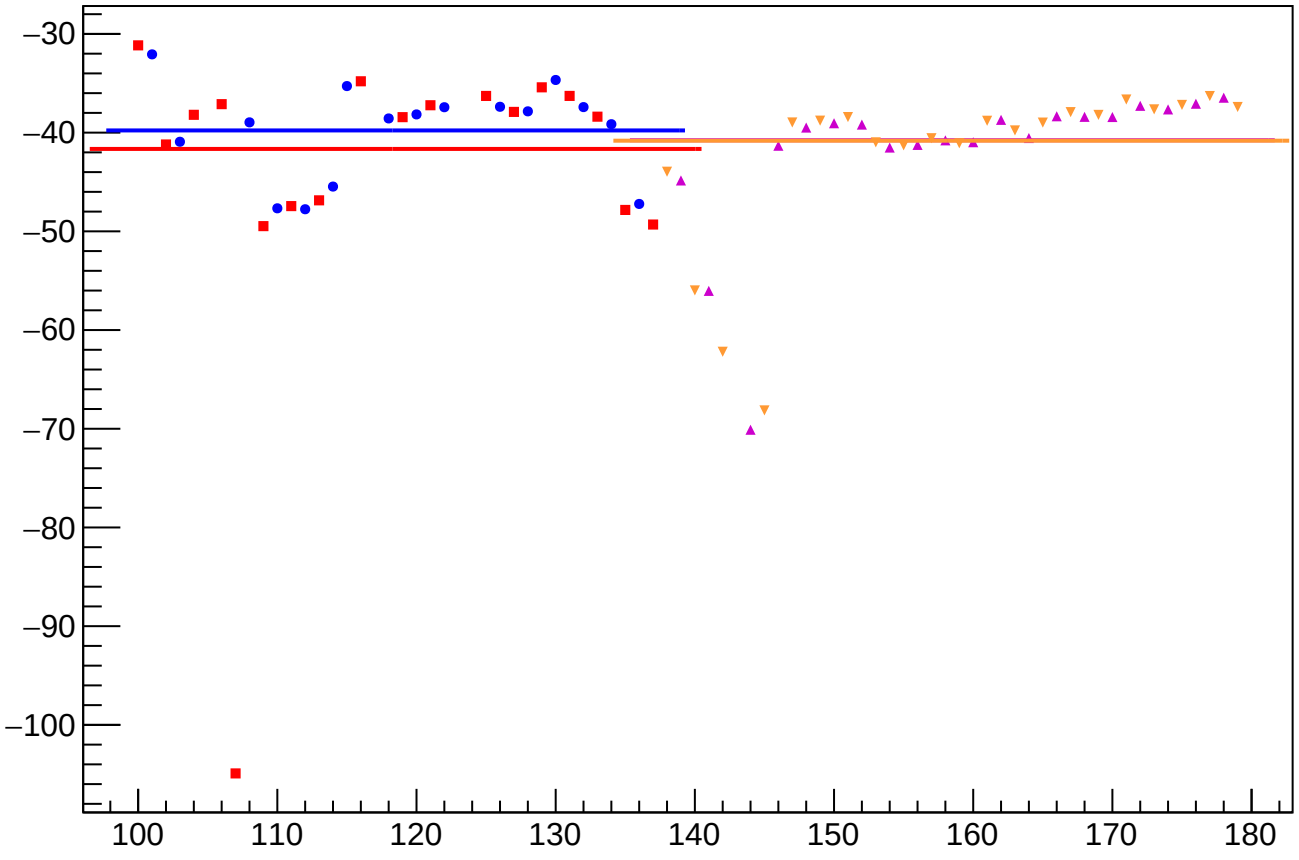
Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 15.180+/-0.296 χ^2/NDF:1132.4/35

Out: 14.794+/-0.296 χ^2/NDF:1036.3/38

All: 14.987+/-0.209 χ^2/NDF: 2169.6/74

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -40.817+/-0.017 χ^2/NDF:150274.8/20

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -40.771+/-0.017 χ^2/NDF:121965.9/19

Left: -40.794+/-0.012 χ^2/NDF: 272244.3/40

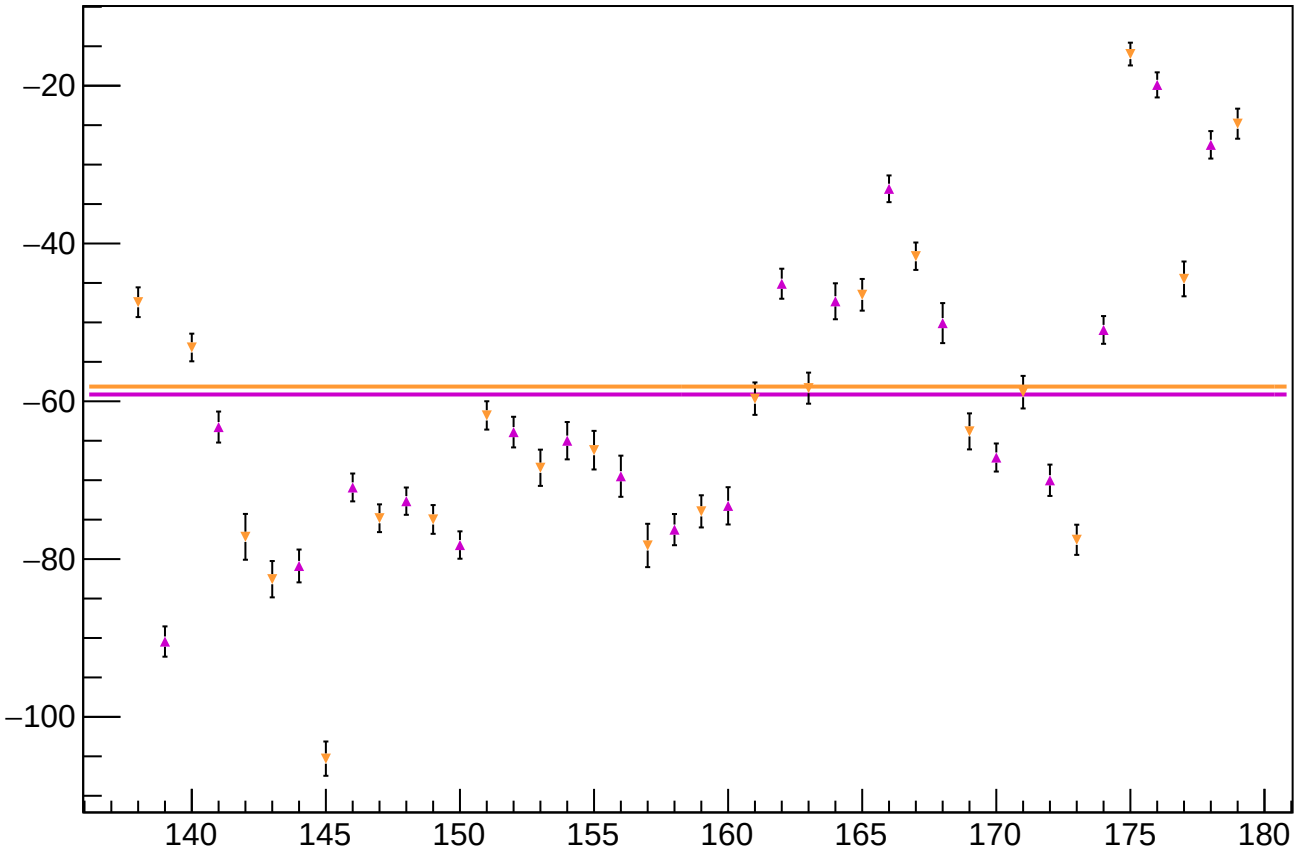
Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -40.544+/-0.015 χ^2/NDF:148914.4/35

Out: -41.008+/-0.015 χ^2/NDF:245283.4/38

All: -40.775+/-0.011 χ^2/NDF: 394683.1/74

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -58.133+/-0.425 χ^2/NDF:2421.0/21

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

Left In: -59.137+/-0.432 χ^2/NDF:2085.9/19

Left: -58.628+/-0.303 χ^2/NDF: 4509.7/41

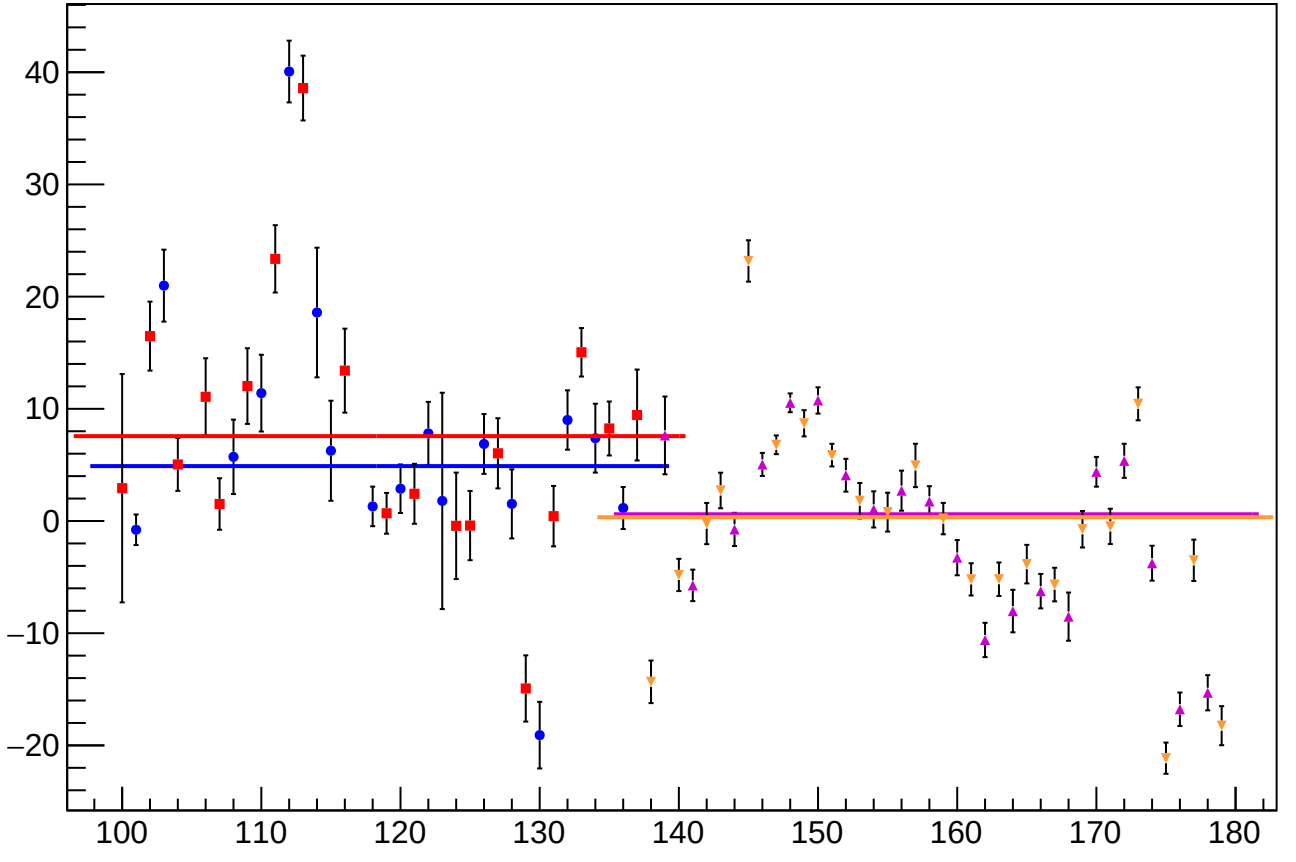
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -59.137+/-0.432 χ^2/NDF:2085.9/19

Out: -58.133+/-0.425 χ^2/NDF:2421.0/21

All: -58.628+/-0.303 χ^2/NDF: 4509.7/41

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 0.337+/-0.308 χ^2/NDF:831.8/21

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: 0.600+/-0.318 χ^2/NDF:649.5/19

Left: 0.464+/-0.221 χ^2/NDF: 1481.7/41

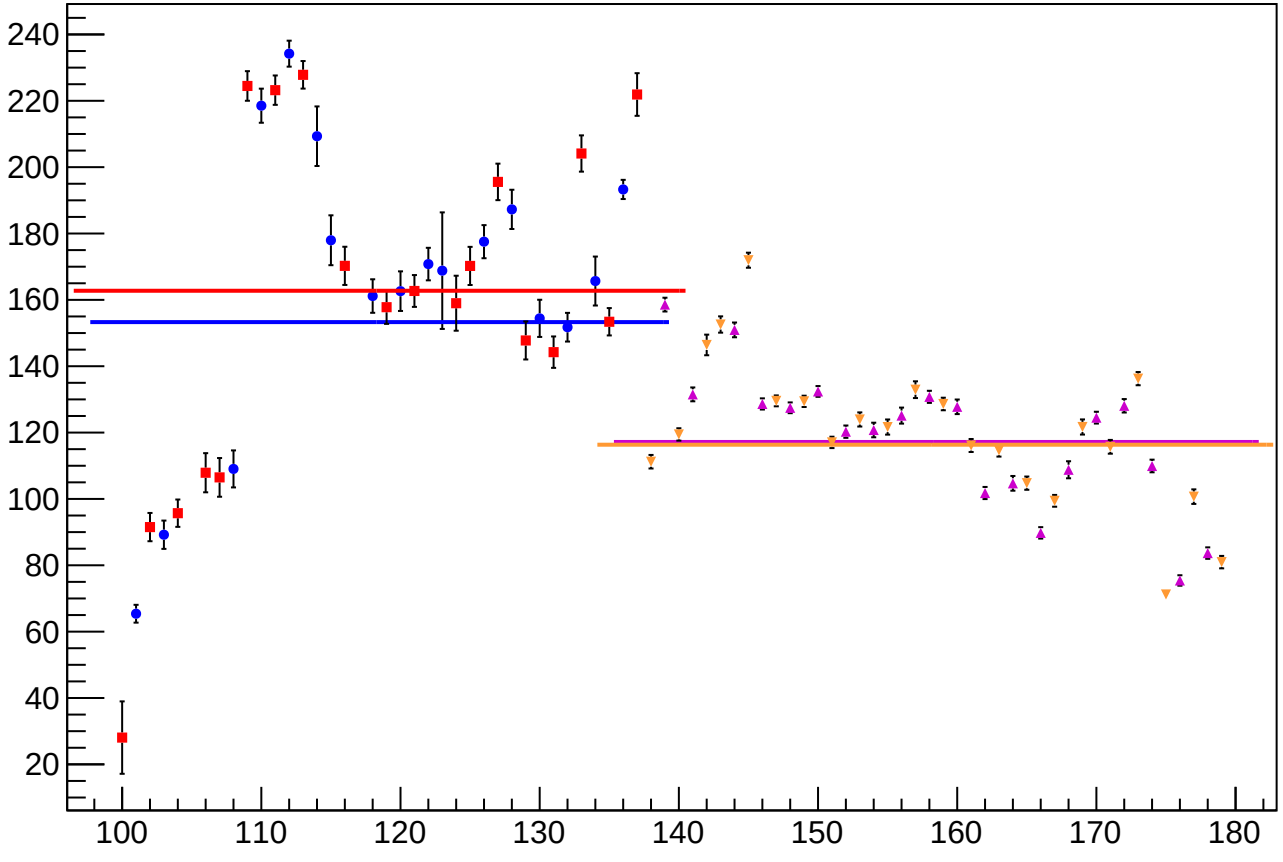
Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: 1.493+/-0.283 χ^2/NDF:982.7/36

Out: 1.659+/-0.279 χ^2/NDF:1202.5/40

All: 1.578+/-0.199 χ^2/NDF: 2185.4/77

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 116.343+/-0.421 χ^2/NDF:2765.1/21

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 117.169+/-0.426 χ^2/NDF:2447.8/19

Left: 116.751+/-0.299 χ^2/NDF: 5214.9/41

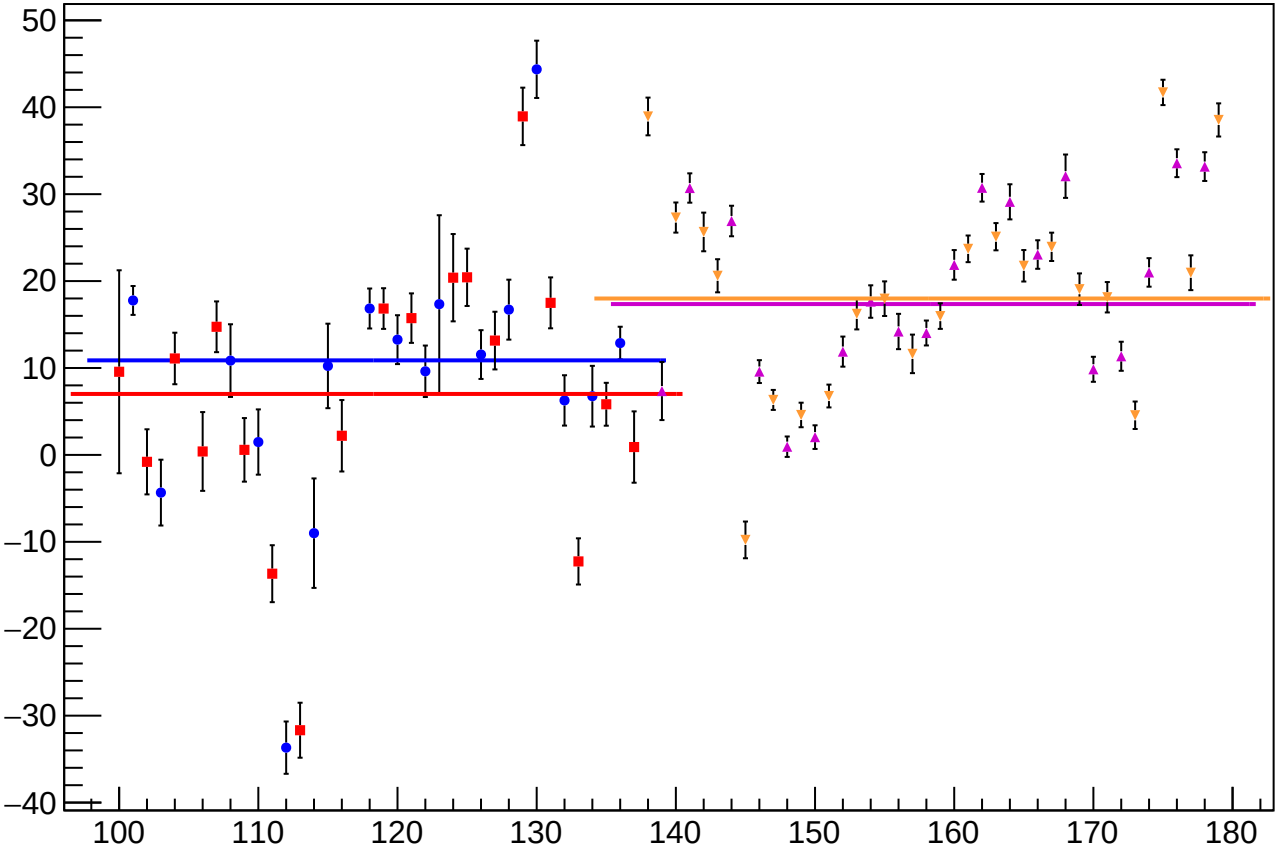
Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 121.566+/-0.399 χ^2/NDF:5589.5/36

Out: 121.607+/-0.396 χ^2/NDF:5852.8/40

All: 121.586+/-0.281 χ^2/NDF: 11442.3/77

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 17.994+/-0.357 χ^2/NDF:1093.1/21

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 17.355+/-0.367 χ^2/NDF:873.5/19

Left: 17.683+/-0.256 χ^2/NDF: 1968.2/41

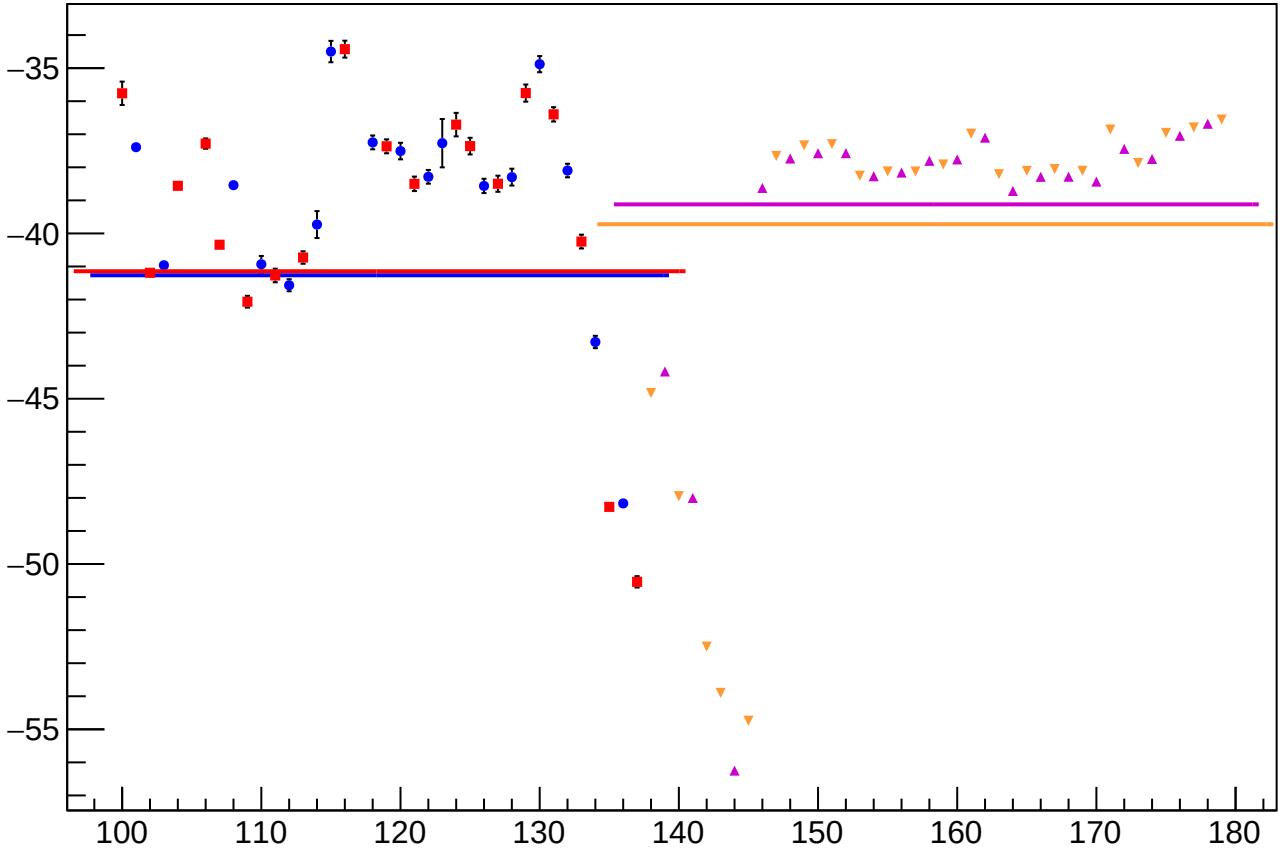
Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 16.002+/-0.326 χ^2/NDF:1326.8/36

Out: 15.959+/-0.322 χ^2/NDF:1693.2/40

All: 15.980+/-0.229 χ^2/NDF: 3019.9/77

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -39.722+/-0.017 χ^2/NDF:87296.2/21

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -39.121+/-0.017 χ^2/NDF:52851.4/19

Left: -39.423+/-0.012 χ^2/NDF: 140776.8/41

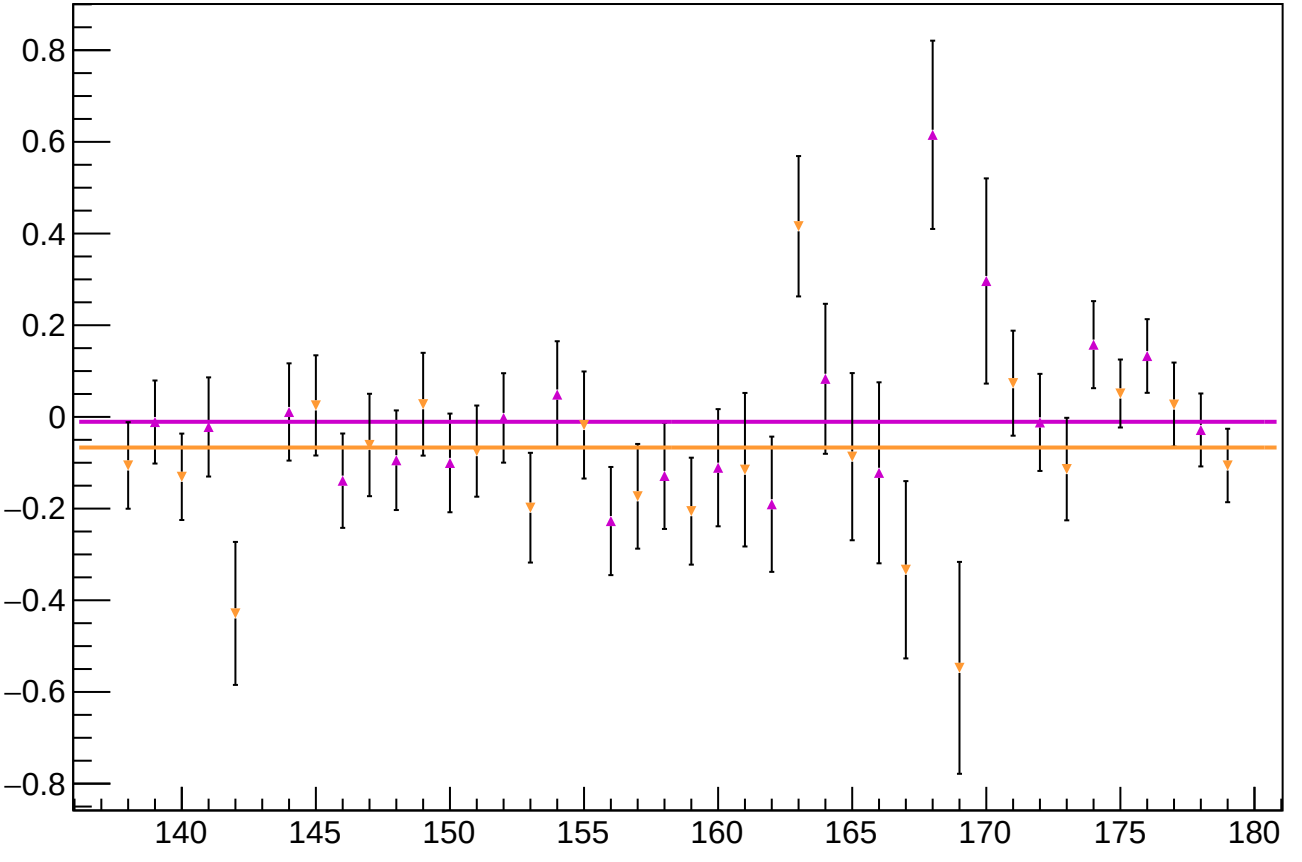
Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -39.470+/-0.016 χ^2/NDF:68019.6/36

Out: -39.950+/-0.015 χ^2/NDF:100652.8/40

All: -39.711+/-0.011 χ^2/NDF: 169151.5/77

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.067+/-0.024 χ^2/NDF:32.9/20

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

Left In: -0.011+/-0.025 χ^2/NDF:27.9/19

Left: -0.039+/-0.017 χ^2/NDF: 63.3/40

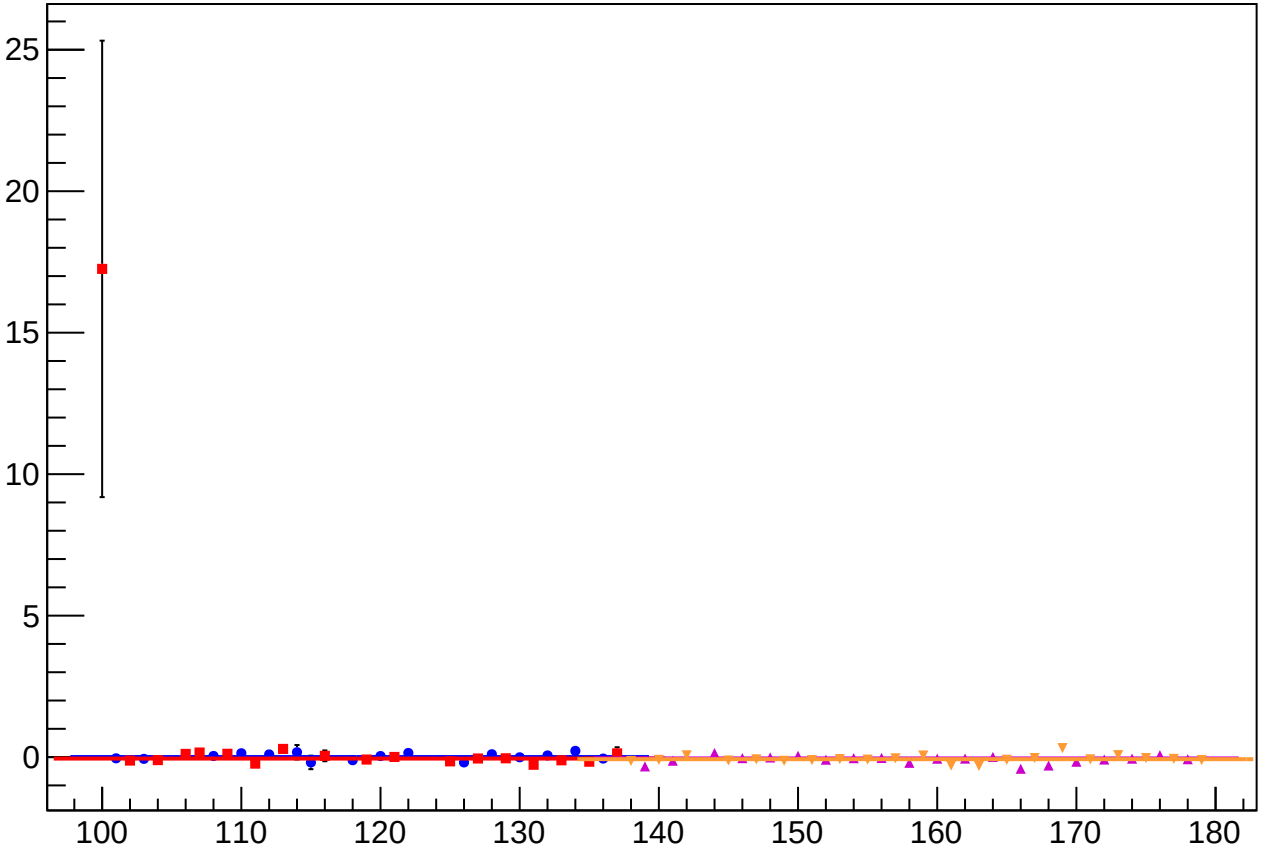
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.011+/-0.025 χ^2/NDF:27.9/19

Out: -0.067+/-0.024 χ^2/NDF:32.9/20

All: -0.039+/-0.017 χ^2/NDF: 63.3/40

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.073+/-0.018 χ^2/NDF:23.2/20

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.046+/-0.019 χ^2/NDF:26.1/19

Left: -0.060+/-0.013 χ^2/NDF: 50.4/40

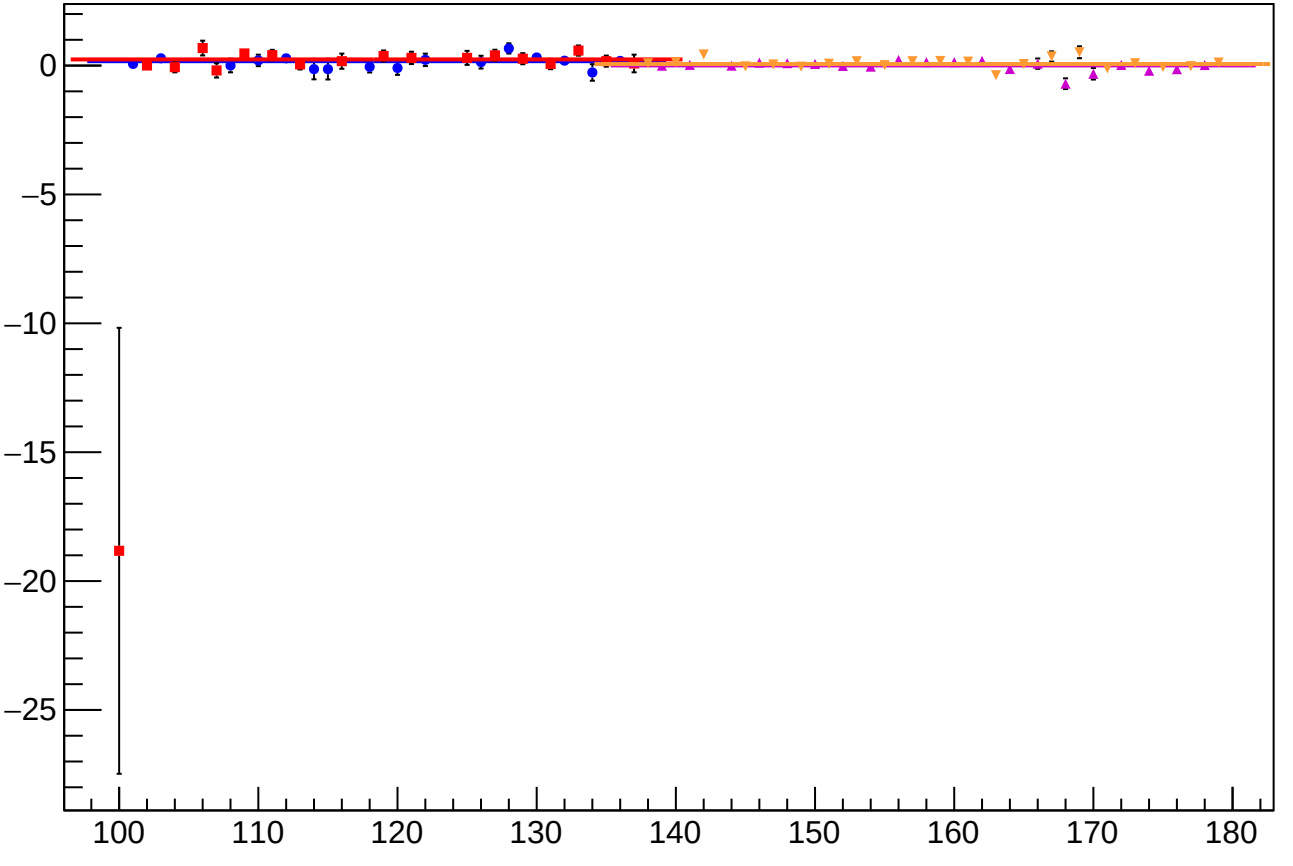
Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.032+/-0.016 χ^2/NDF:40.7/35

Out: -0.067+/-0.015 χ^2/NDF:49.4/38

All: -0.049+/-0.011 χ^2/NDF: 92.7/74

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.060+/-0.024 χ^2/NDF:31.4/20

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.007+/-0.025 χ^2/NDF:32.4/19

Left: 0.034+/-0.017 χ^2/NDF: 66.2/40

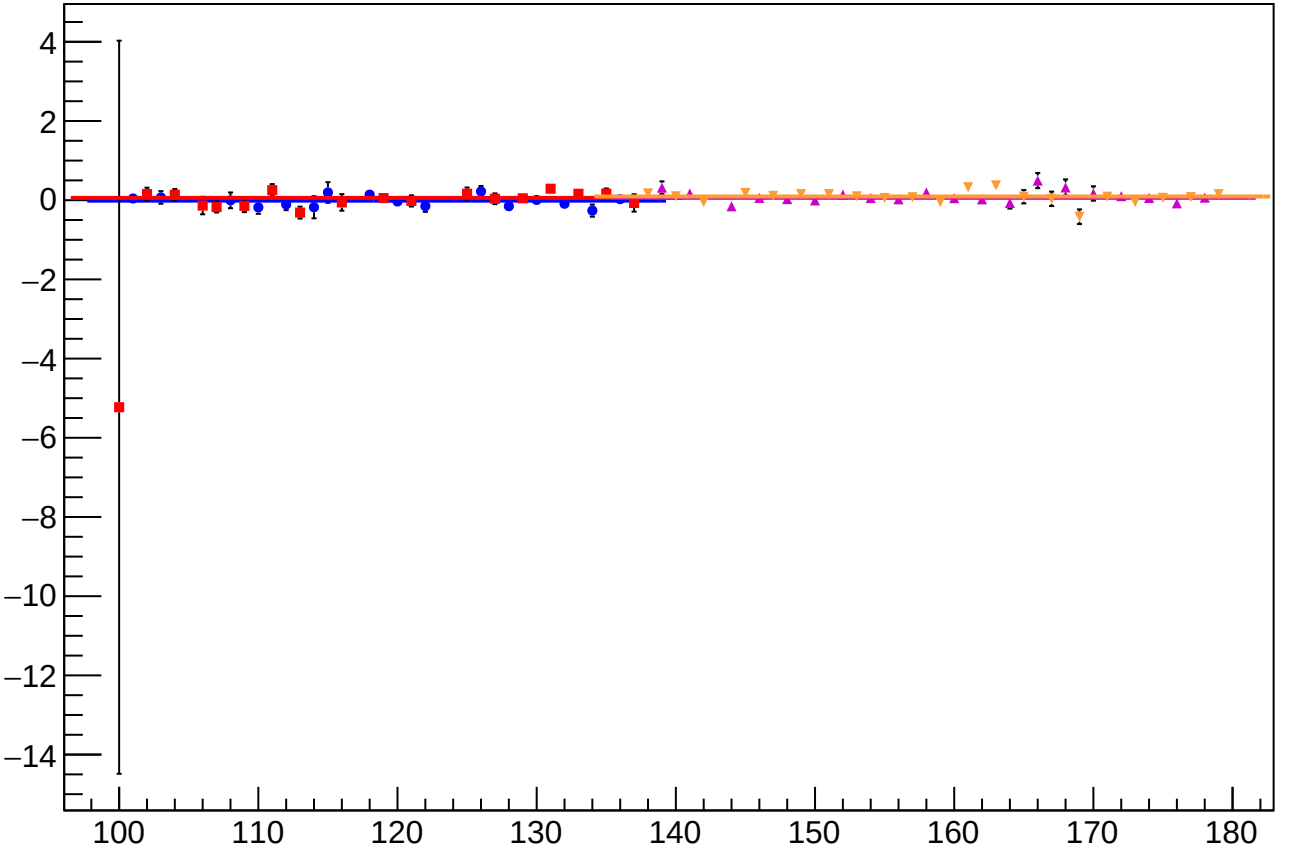
Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.036+/-0.022 χ^2/NDF:54.1/35

Out: 0.090+/-0.022 χ^2/NDF:62.4/38

All: 0.063+/-0.016 χ^2/NDF: 119.5/74

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.094+/-0.021 χ^2/NDF:26.0/20

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.061+/-0.022 χ^2/NDF:25.4/19

Left: 0.078+/-0.015 χ^2/NDF: 52.6/40

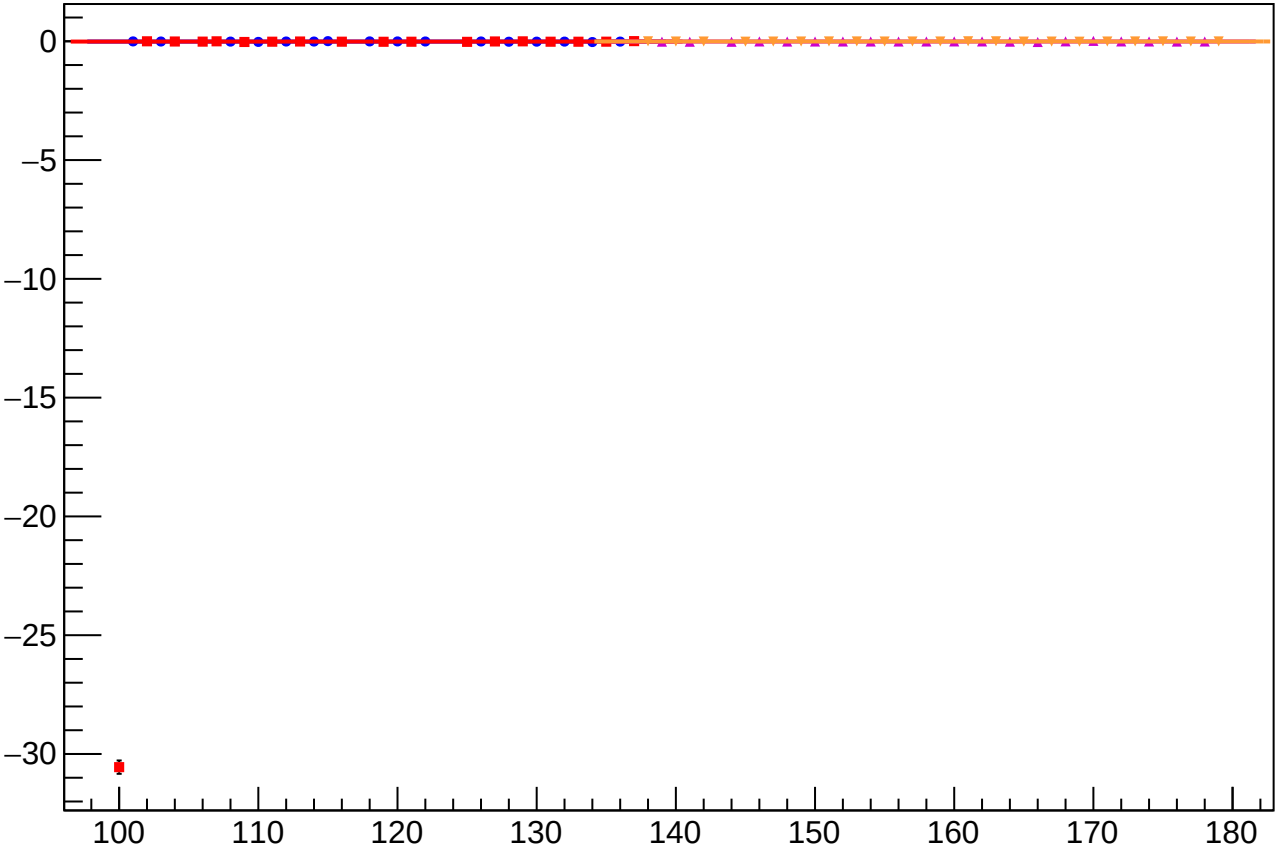
Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.039+/-0.018 χ^2/NDF:42.5/35

Out: 0.084+/-0.018 χ^2/NDF:47.4/38

All: 0.062+/-0.013 χ^2/NDF: 93.1/74

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012+/-0.002 χ^2/NDF: 12.9/15

Left Out: -0.008+/-0.001 χ^2/NDF:15.9/20

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.010+/-0.001 χ^2/NDF:31.8/19

Left: -0.009+/-0.001 χ^2/NDF: 49.4/40

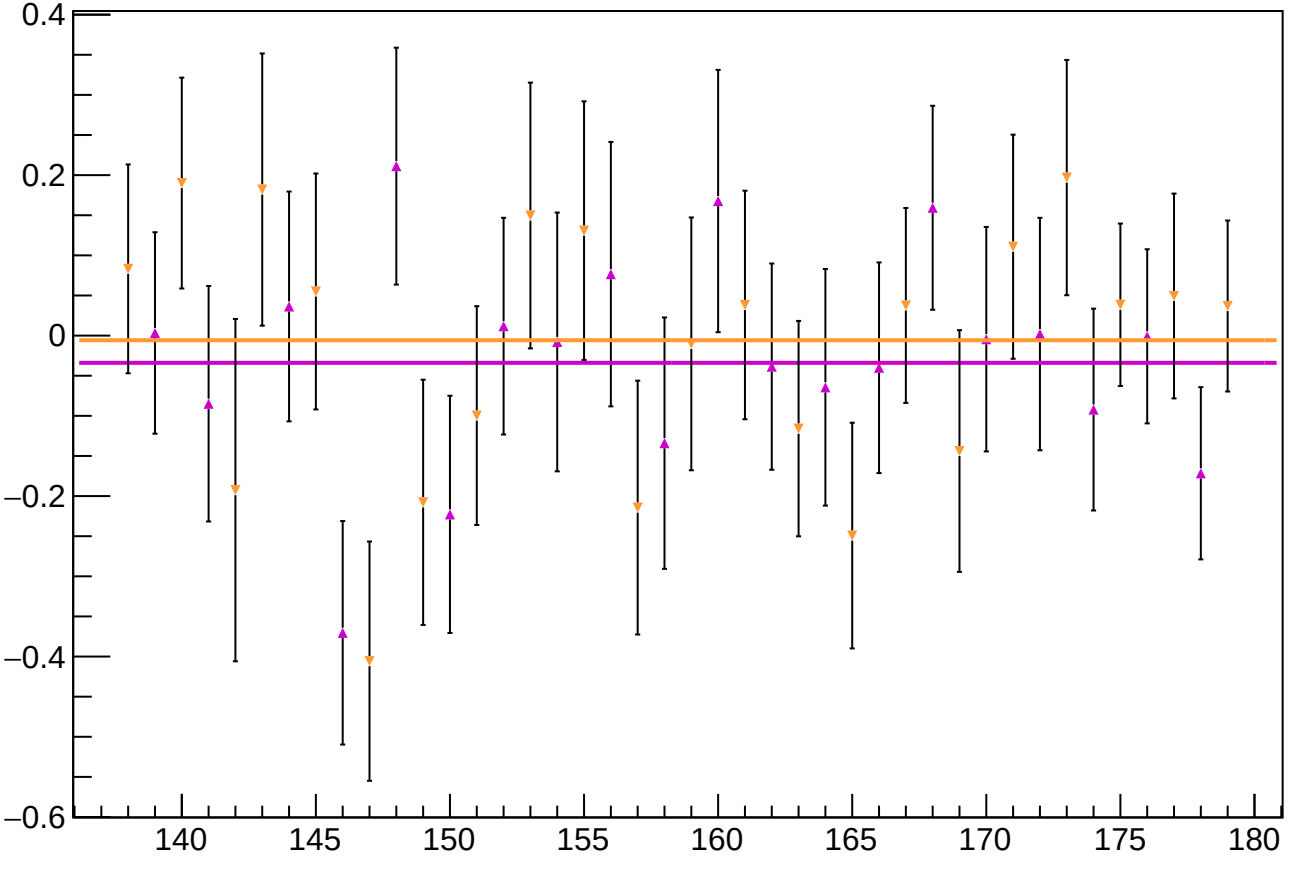
Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.010+/-0.001 χ^2/NDF:45.7/35

Out: -0.009+/-0.001 χ^2/NDF:11911.4/38

All: -0.010+/-0.001 χ^2/NDF: 11958.3/74

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.006+/-0.030 χ^2/NDF:25.5/21

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

Left In: -0.034+/-0.031 χ^2/NDF:17.6/19

Left: -0.019+/-0.021 χ^2/NDF: 43.5/41

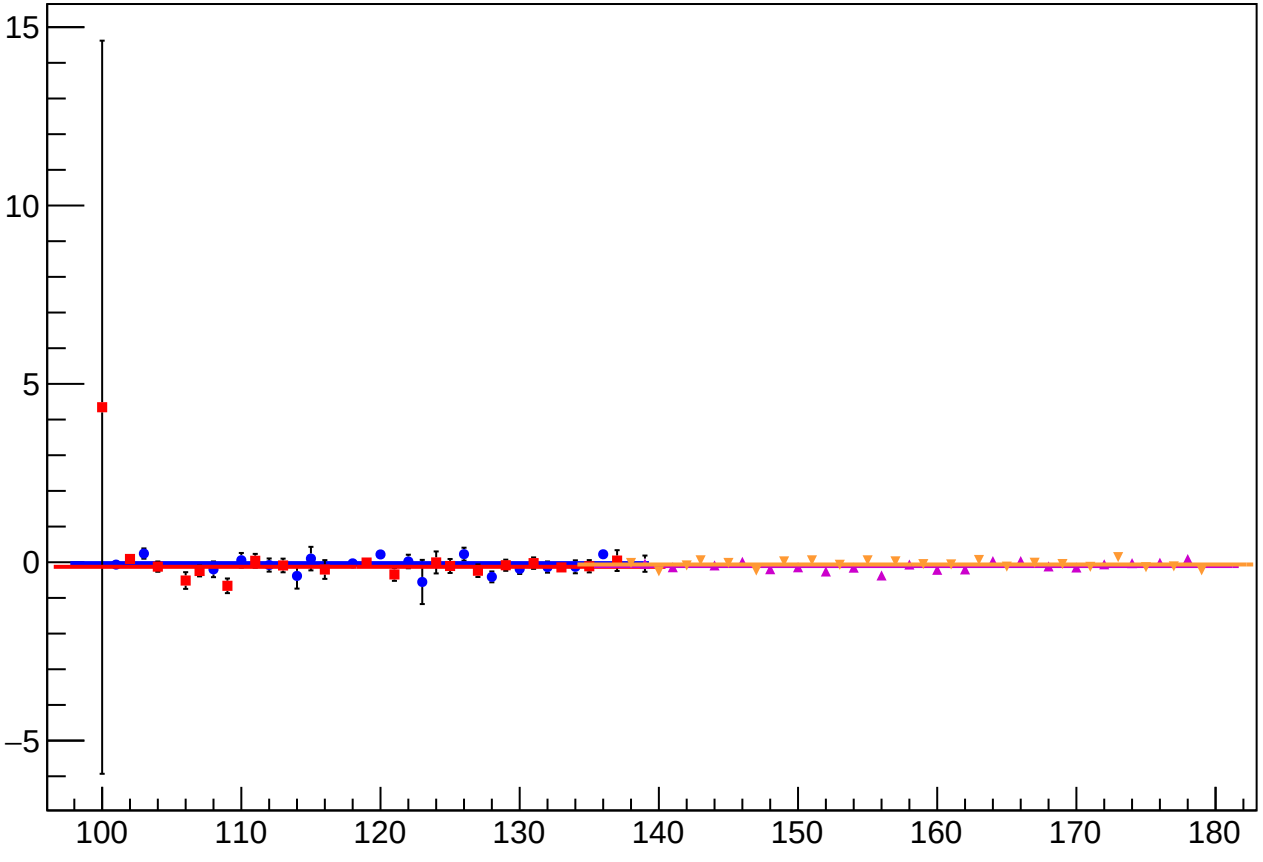
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.034+/-0.031 χ^2/NDF:17.6/19

Out: -0.006+/-0.030 χ^2/NDF:25.5/21

All: -0.019+/-0.021 χ^2/NDF: 43.5/41

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.063+/-0.022 χ^2/NDF:24.1/21

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.107+/-0.023 χ^2/NDF:22.0/19

Left: -0.084+/-0.016 χ^2/NDF: 48.0/41

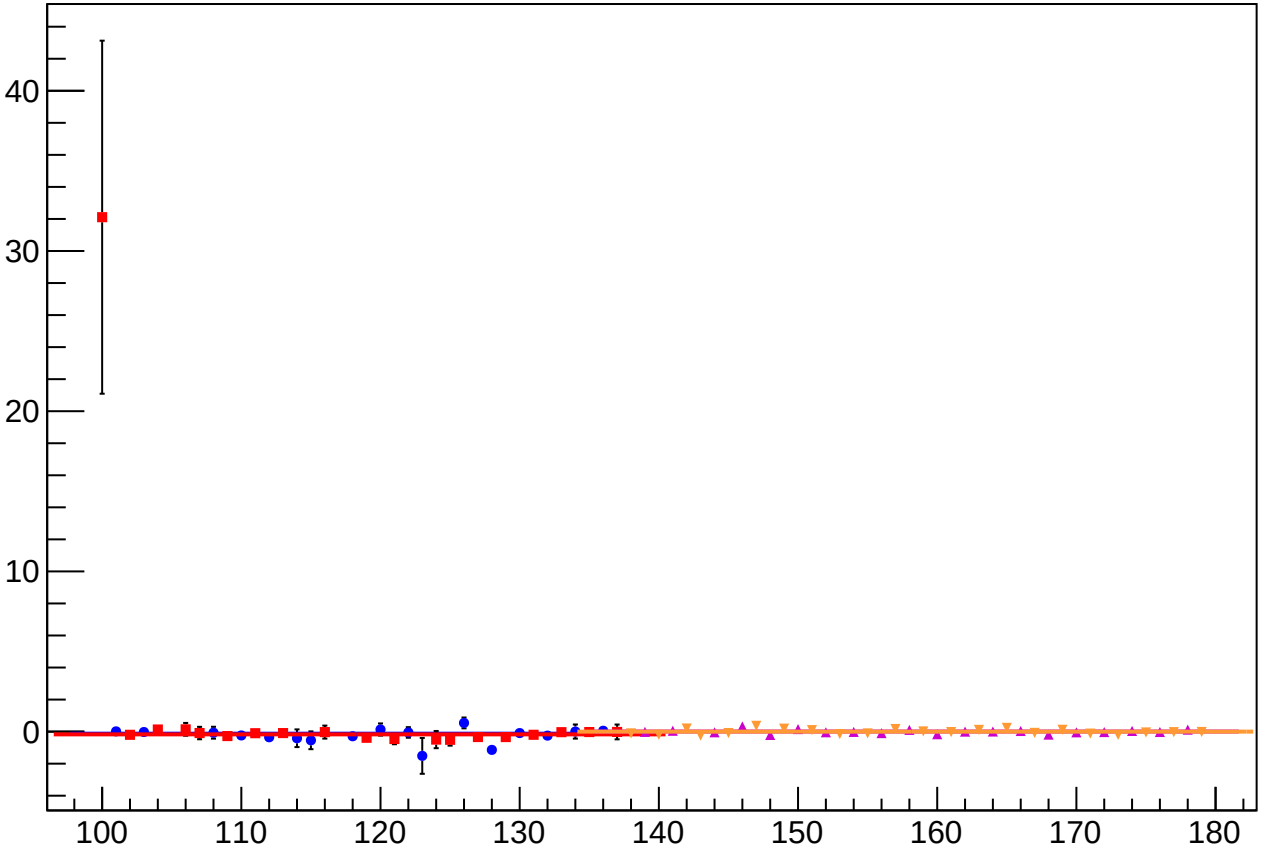
Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.083+/-0.020 χ^2/NDF:49.0/36

Out: -0.079+/-0.019 χ^2/NDF:43.8/40

All: -0.081+/-0.014 χ^2/NDF: 92.8/77

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: -0.000+/-0.029 χ^2/NDF:24.8/21

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: 0.005+/-0.030 χ^2/NDF:15.7/19

Left: 0.002+/-0.021 χ^2/NDF: 40.5/41

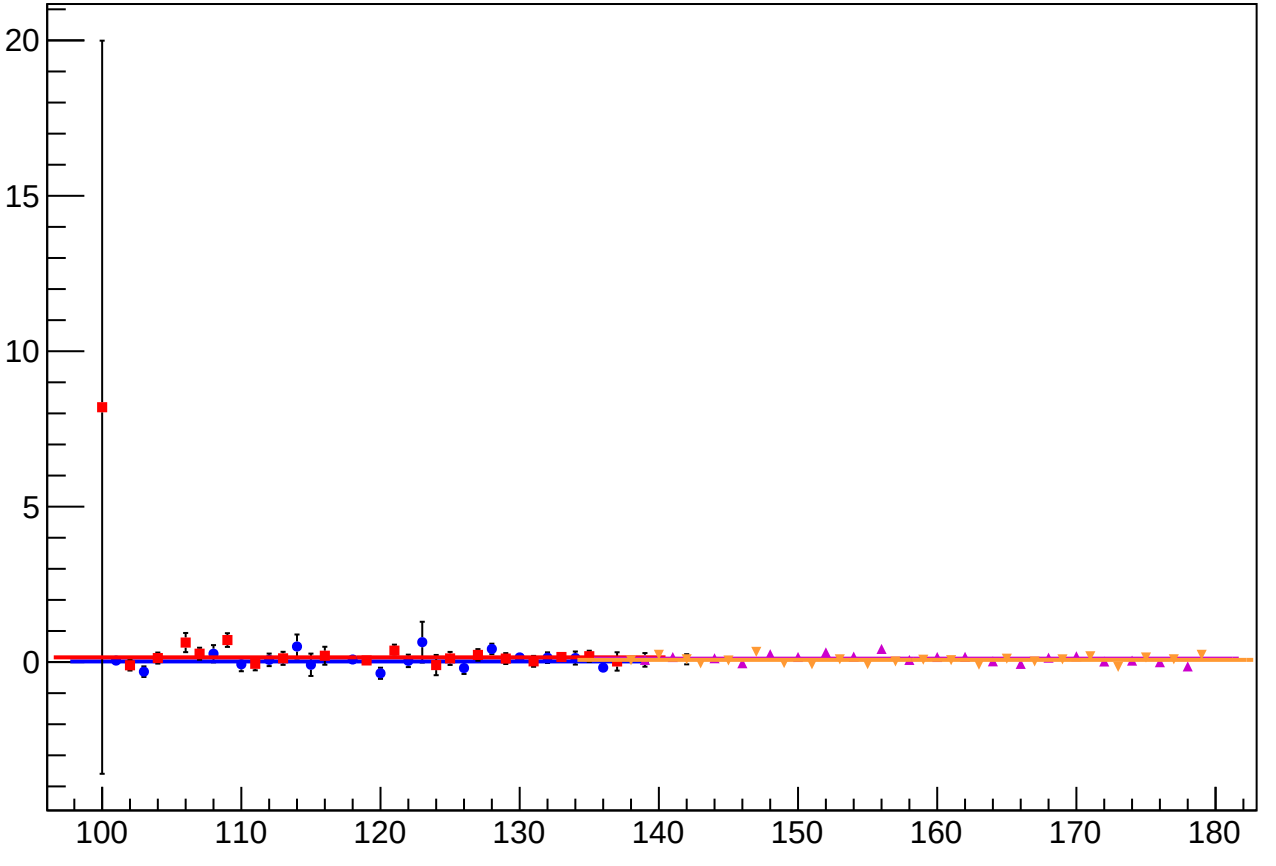
Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.018+/-0.028 χ^2/NDF:42.8/36

Out: -0.026+/-0.027 χ^2/NDF:44.8/40

All: -0.022+/-0.019 χ^2/NDF: 87.6/77

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.071+/-0.025 χ^2/NDF:23.0/21

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.110+/-0.027 χ^2/NDF:24.5/19

Left: 0.090+/-0.018 χ^2/NDF: 48.6/41

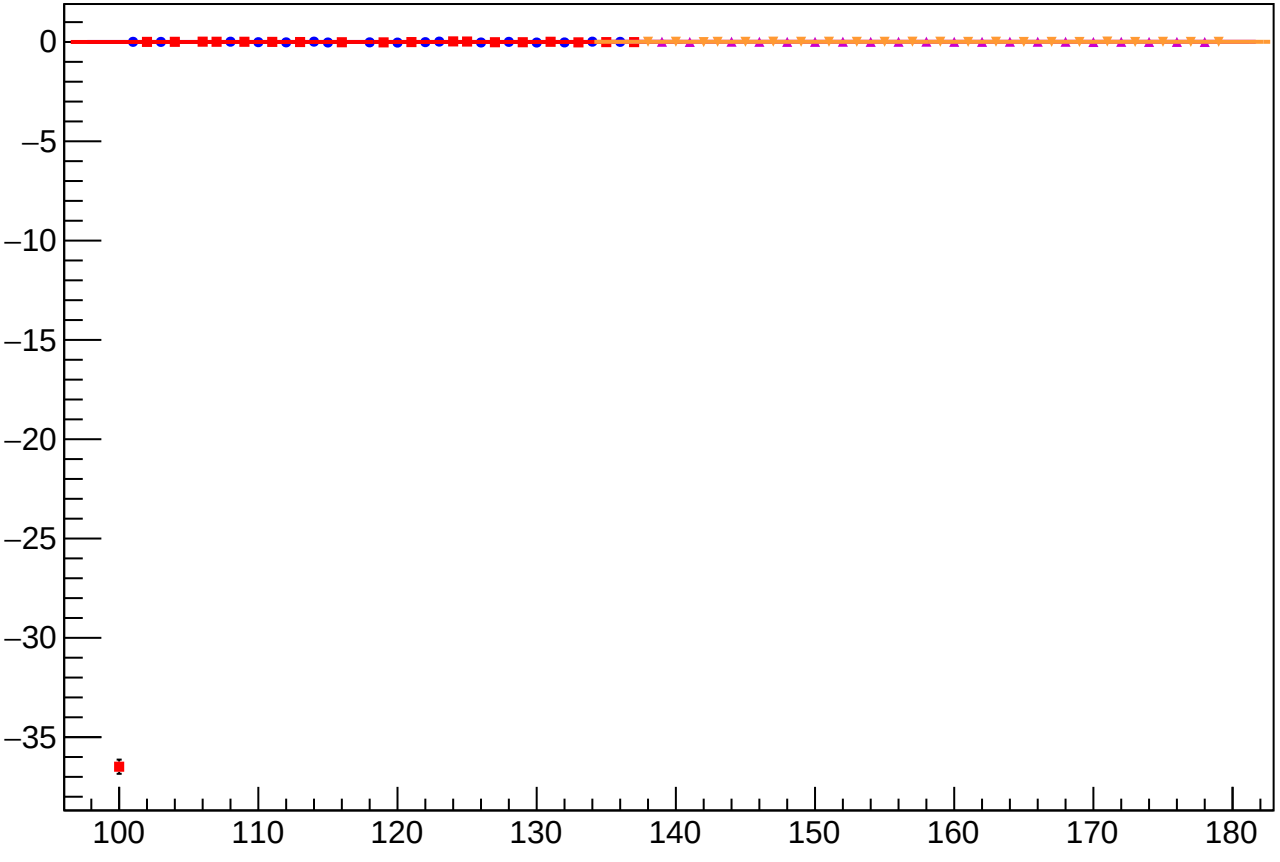
Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.085+/-0.022 χ^2/NDF:50.2/36

Out: 0.090+/-0.022 χ^2/NDF:41.6/40

All: 0.088+/-0.016 χ^2/NDF: 91.8/77

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.009+/-0.001 χ^2/NDF:19.8/21

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.009+/-0.001 χ^2/NDF:15.2/19

Left: 0.009+/-0.001 χ^2/NDF: 35.0/41

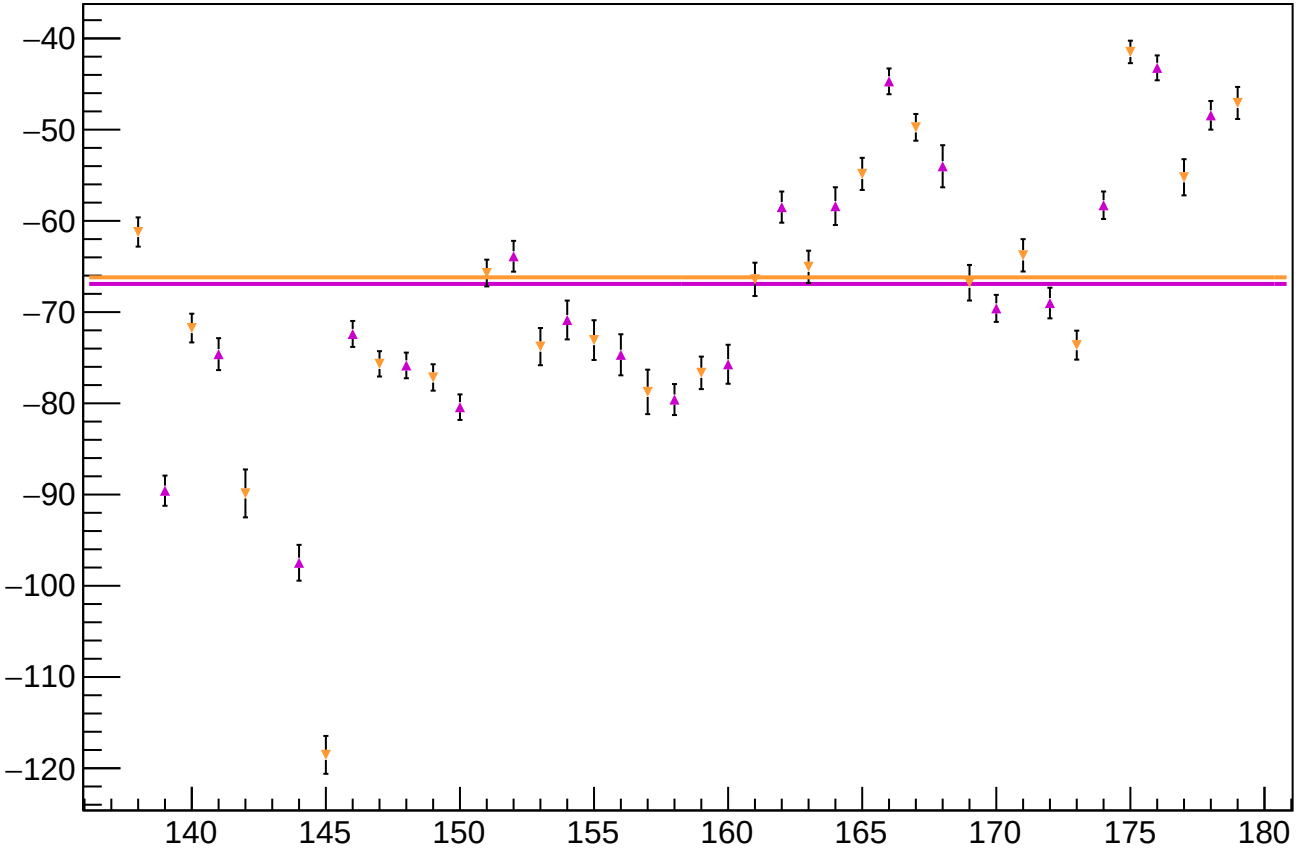
Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.007+/-0.001 χ^2/NDF:57.9/36

Out: 0.007+/-0.001 χ^2/NDF:10478.9/40

All: 0.007+/-0.001 χ^2/NDF: 10536.8/77

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -66.189+/-0.373 χ^2/NDF:1670.6/20

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

Left In: -66.912+/-0.371 χ^2/NDF:1486.5/19

Left: -66.552+/-0.263 χ^2/NDF: 3158.9/40

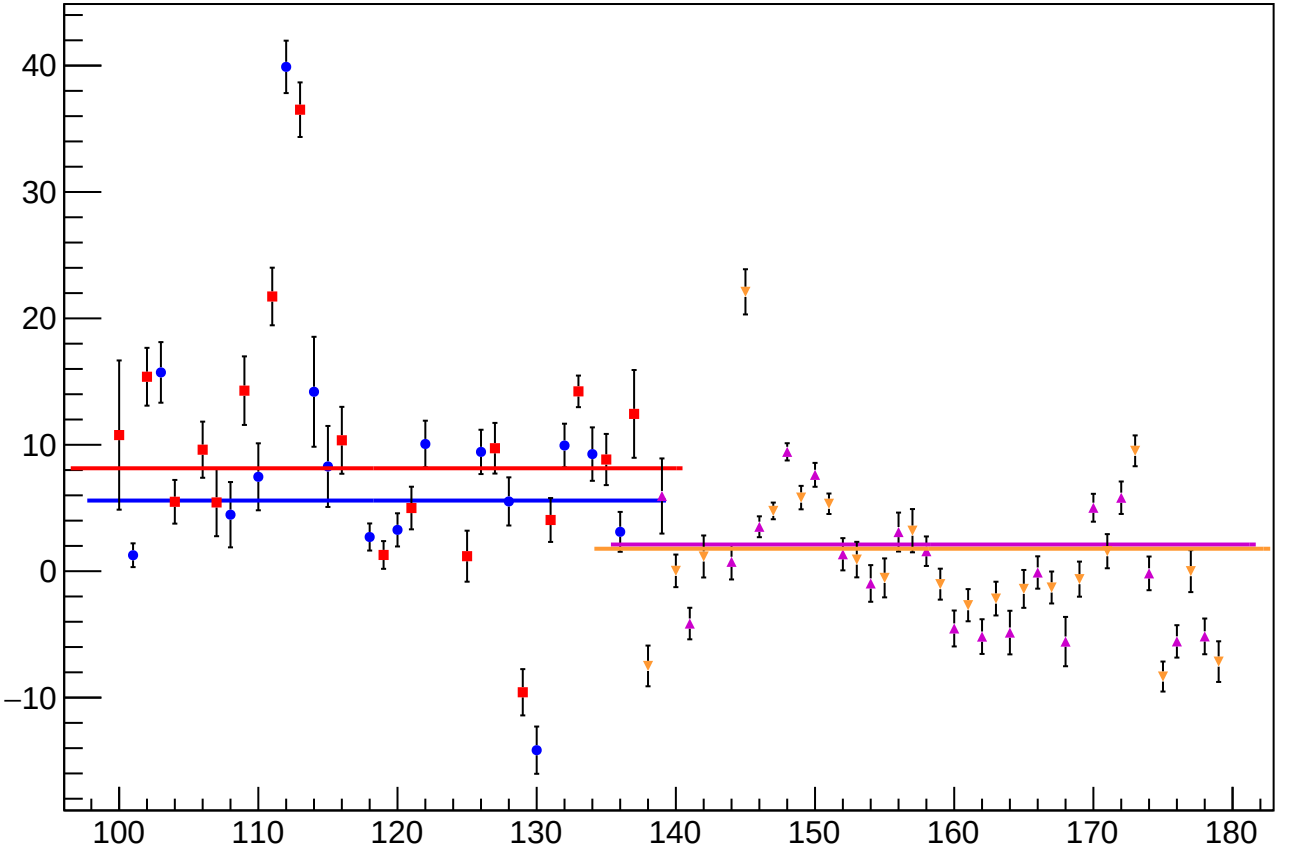
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -66.912+/-0.371 χ^2/NDF:1486.5/19

Out: -66.189+/-0.373 χ^2/NDF:1670.6/20

All: -66.552+/-0.263 χ^2/NDF: 3158.9/40

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: 1.777+/-0.267 χ^2/NDF:411.0/20

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 2.110+/-0.271 χ^2/NDF:350.9/19

Left: 1.941+/-0.190 χ^2/NDF: 762.7/40

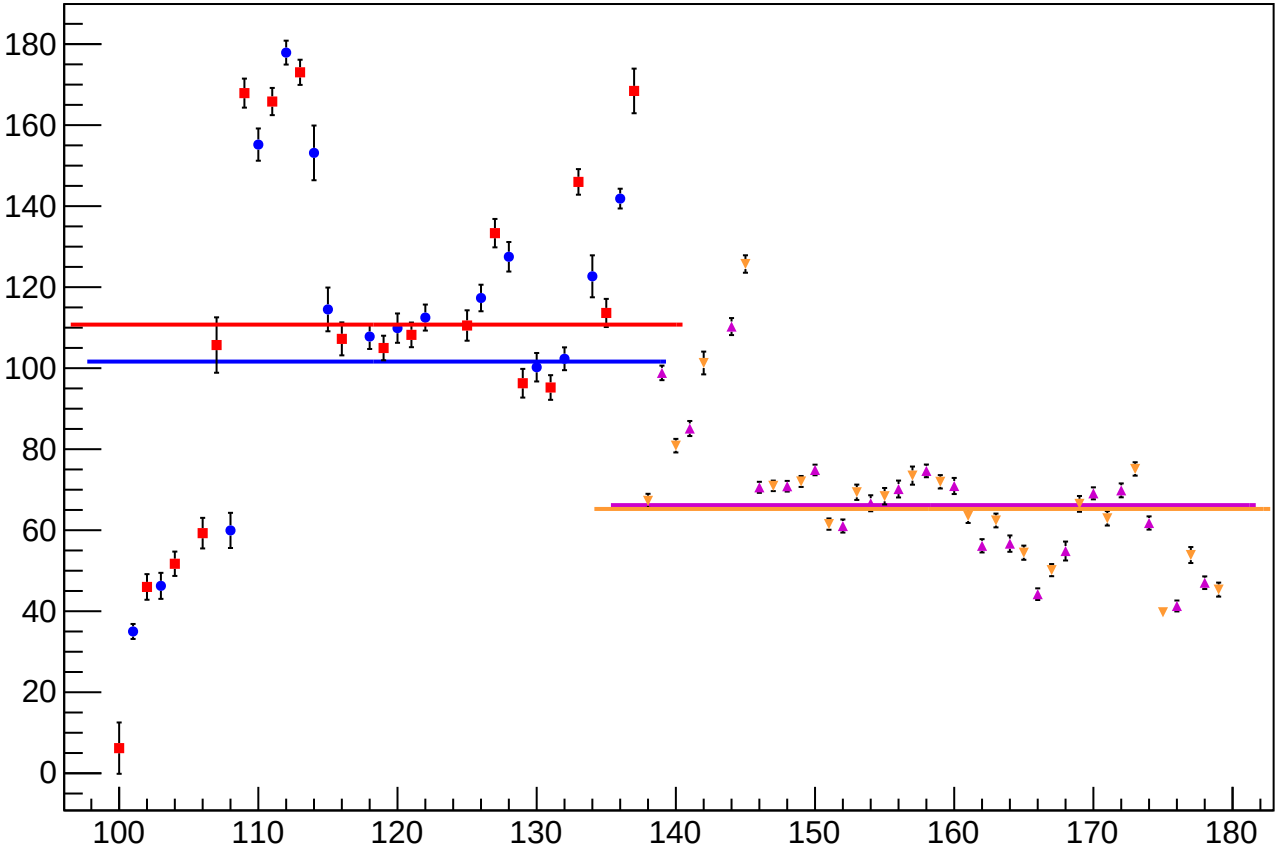
Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 3.122+/-0.228 χ^2/NDF:861.6/35

Out: 3.414+/-0.230 χ^2/NDF:965.0/38

All: 3.267+/-0.162 χ^2/NDF: 1827.4/74

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: 65.251+/-0.367 χ^2/NDF:1905.0/20

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 66.197+/-0.366 χ^2/NDF:1814.7/19

Left: 65.726+/-0.259 χ^2/NDF: 3723.0/40

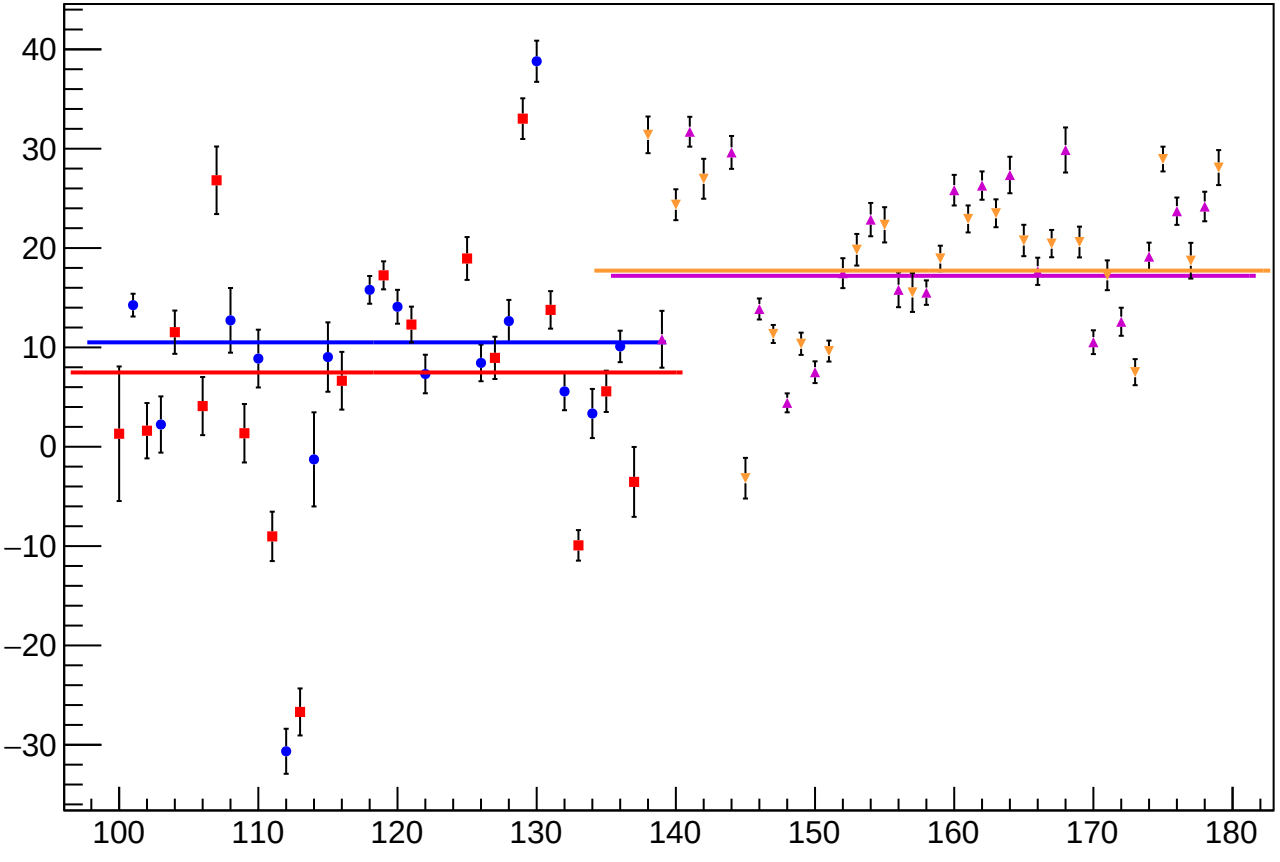
Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 72.242+/-0.333 χ^2/NDF:6392.8/35

Out: 72.616+/-0.336 χ^2/NDF:6900.1/38

All: 72.427+/-0.237 χ^2/NDF: 13293.5/74

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.508+/-0.492 χ^2/NDF: 581.5/15

Left Out: 17.729+/-0.311 χ^2/NDF:580.0/20

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 17.205+/-0.314 χ^2/NDF:658.2/19

Left: 17.470+/-0.221 χ^2/NDF: 1239.6/40

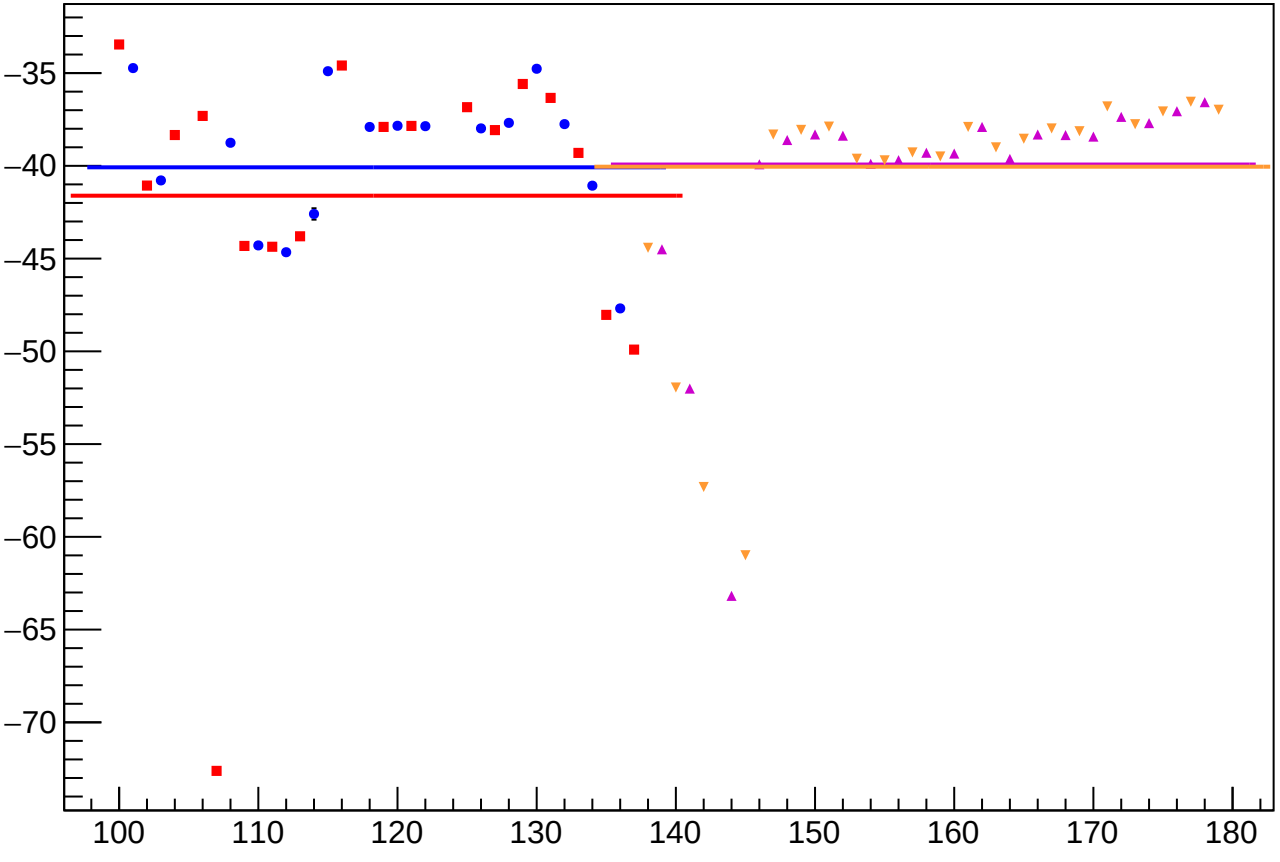
Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 15.269+/-0.265 χ^2/NDF:1371.4/35

Out: 15.064+/-0.267 χ^2/NDF:1552.6/38

All: 15.168+/-0.188 χ^2/NDF: 2924.3/74

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080+/-0.028 χ^2/NDF: 25123.9/15

Left Out: -40.046+/-0.015 χ^2/NDF:131211.3/20

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -39.929+/-0.015 χ^2/NDF:107103.7/19

Left: -39.987+/-0.010 χ^2/NDF: 238346.7/40

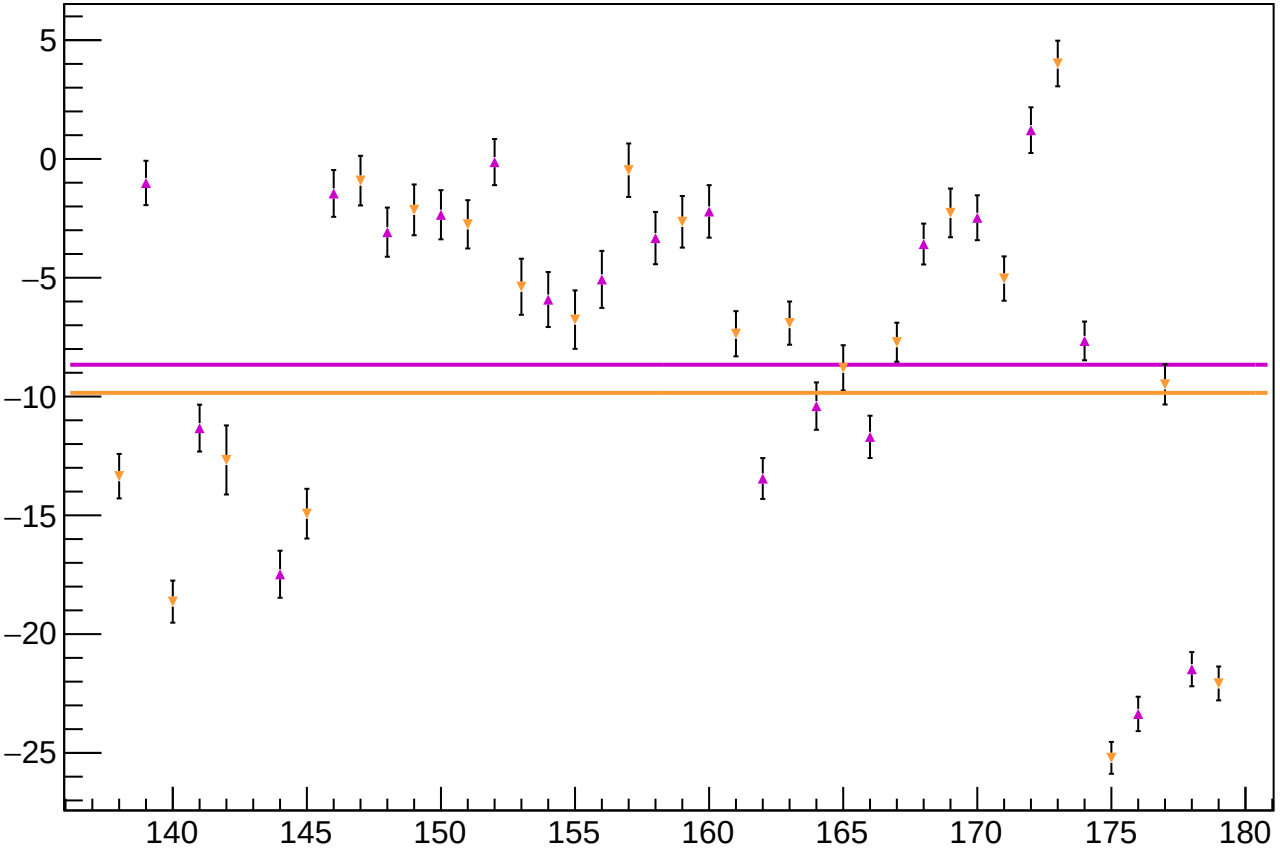
Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -39.961+/-0.013 χ^2/NDF:132250.0/35

Out: -40.377+/-0.013 χ^2/NDF:195354.1/38

All: -40.167+/-0.009 χ^2/NDF: 328111.7/74

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: -9.845+/-0.207 χ^2/NDF:1580.9/20

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

Left In: -8.662+/-0.210 χ^2/NDF:1382.7/19

Left: -9.260+/-0.147 χ^2/NDF: 2979.7/40

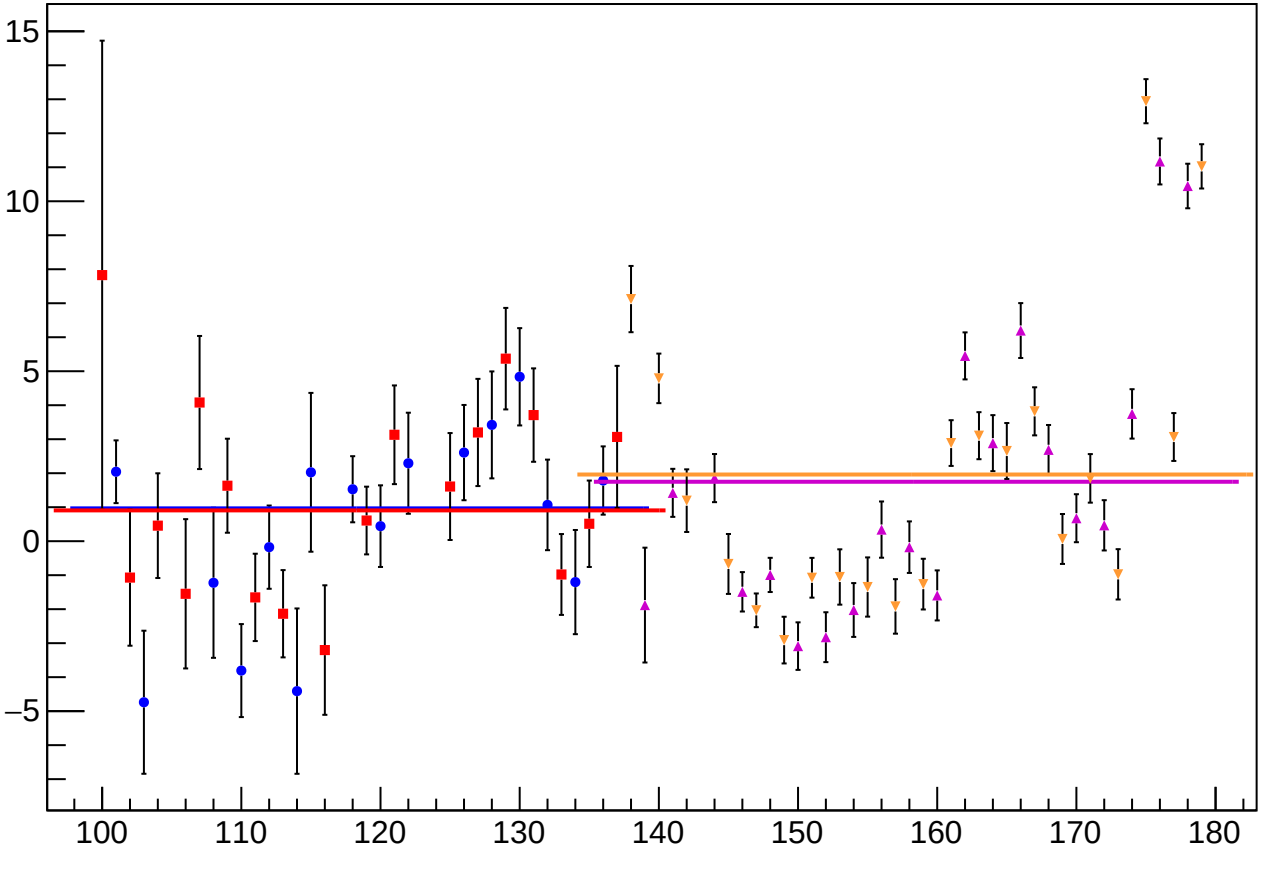
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.662+/-0.210 χ^2/NDF:1382.7/19

Out: -9.845+/-0.207 χ^2/NDF:1580.9/20

All: -9.260+/-0.147 χ^2/NDF: 2979.7/40

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965+/-0.338 χ^2/NDF: 42.9/15

Left Out: 1.962+/-0.156 χ^2/NDF:782.3/20

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 1.748+/-0.160 χ^2/NDF:651.0/19

Left: 1.857+/-0.112 χ^2/NDF: 1434.2/40

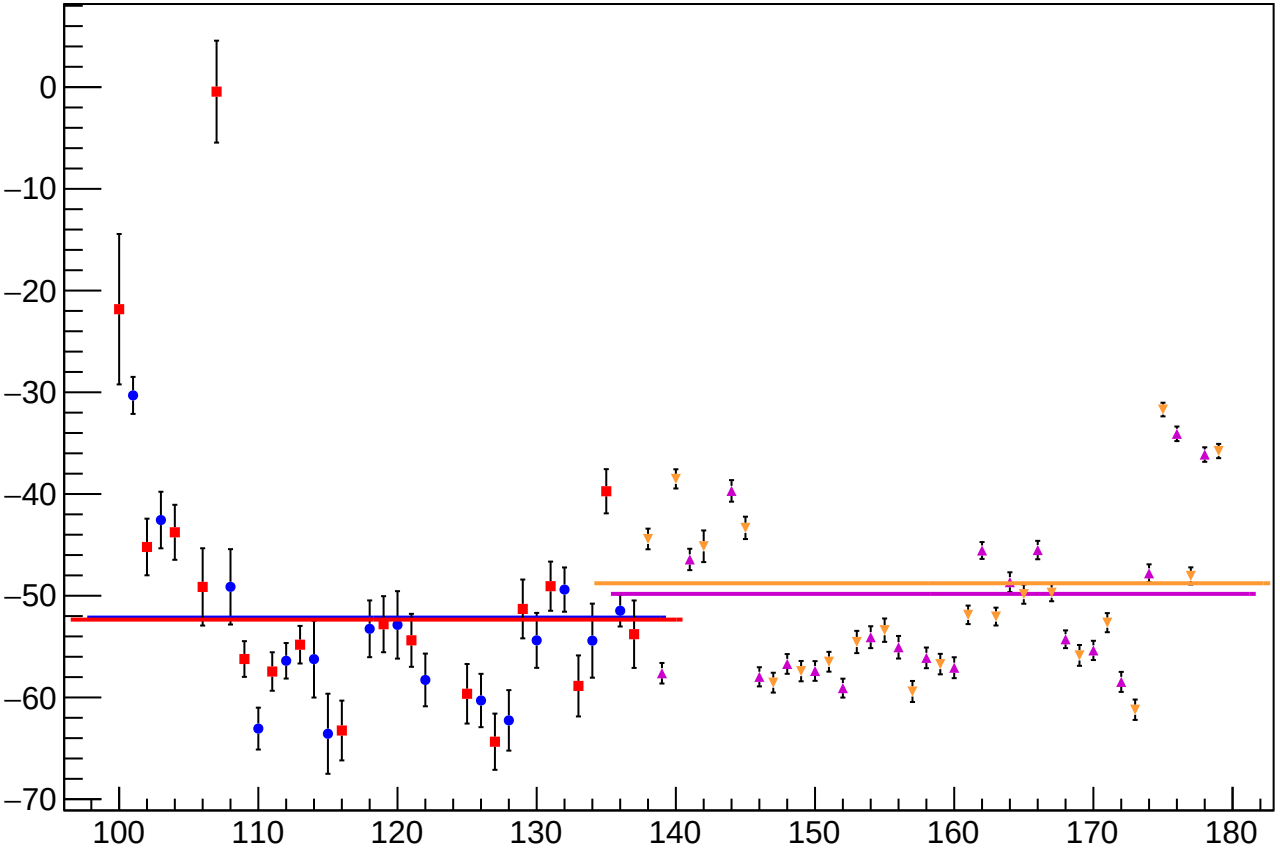
Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: 1.605+/-0.145 χ^2/NDF:698.3/35

Out: 1.789+/-0.143 χ^2/NDF:831.7/38

All: 1.698+/-0.102 χ^2/NDF: 1530.8/74

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: -48.774+/-0.205 χ^2/NDF:1856.0/20

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -49.817+/-0.208 χ^2/NDF:1617.6/19

Left: -49.289+/-0.146 χ^2/NDF: 3486.3/40

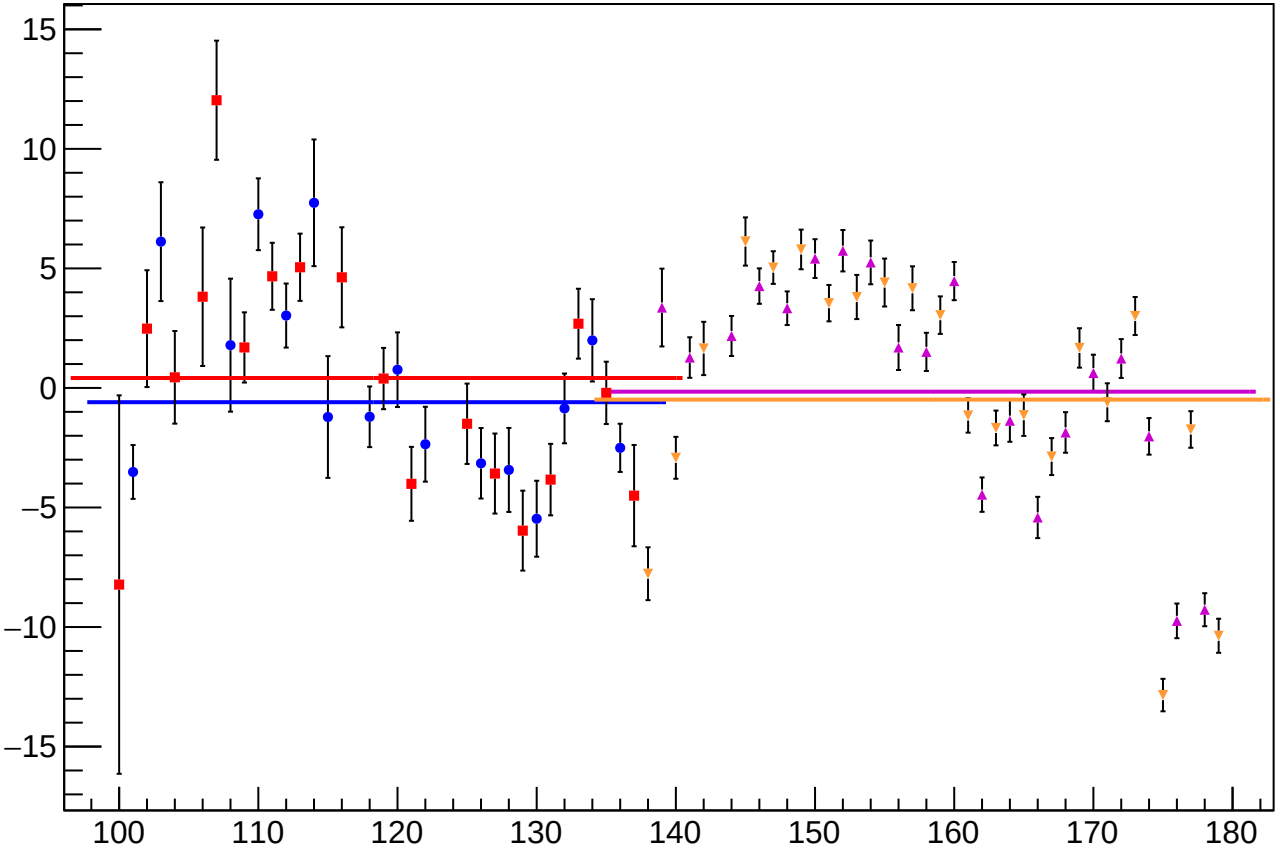
Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -50.058+/-0.197 χ^2/NDF:1860.8/35

Out: -49.131+/-0.195 χ^2/NDF:2122.0/38

All: -49.590+/-0.138 χ^2/NDF: 3994.1/74

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: -0.488+/-0.178 χ^2/NDF:906.1/20

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: -0.157+/-0.182 χ^2/NDF:684.0/19

Left: -0.326+/-0.127 χ^2/NDF: 1591.8/40

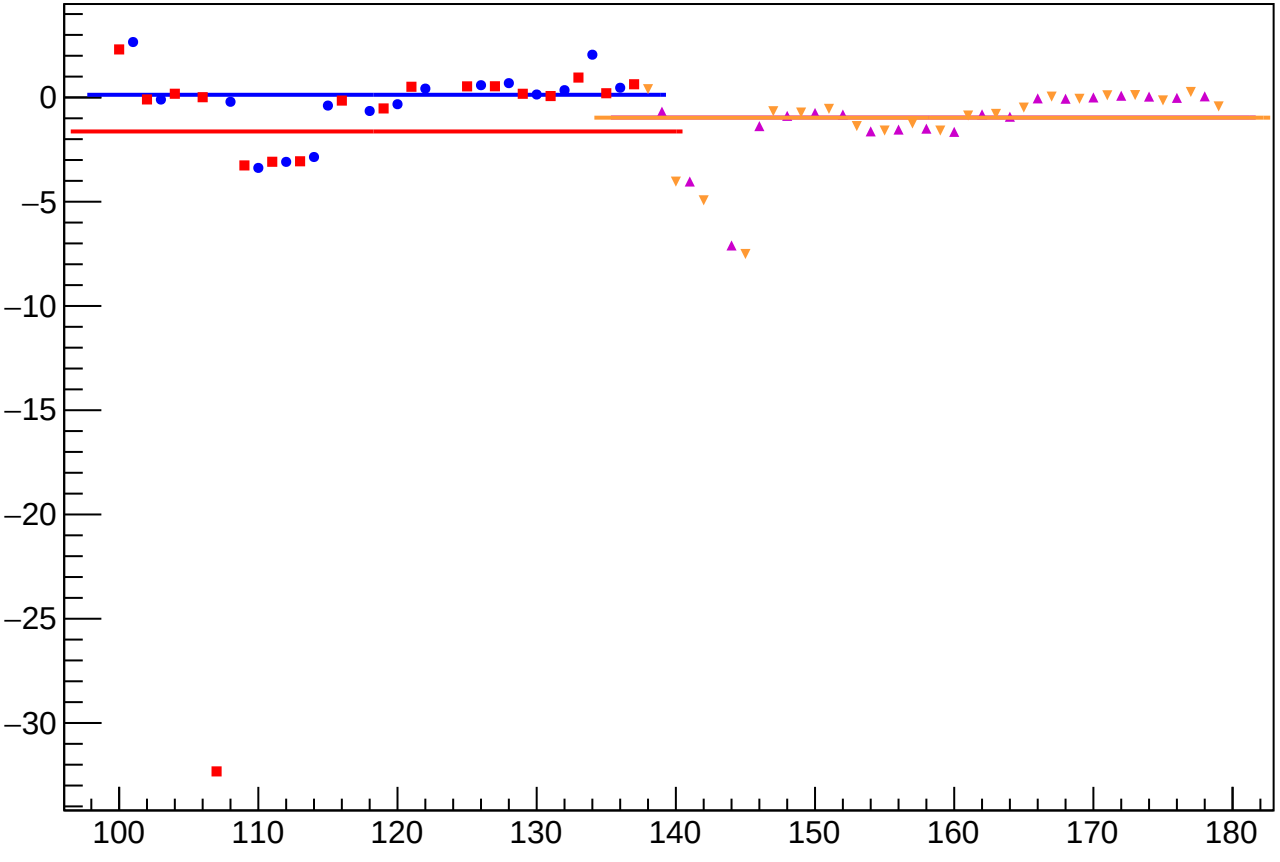
Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: -0.237+/-0.164 χ^2/NDF:767.6/35

Out: -0.339+/-0.163 χ^2/NDF:1006.2/38

All: -0.288+/-0.116 χ^2/NDF: 1774.0/74

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: -0.969+/-0.008 χ^2/NDF:40556.3/20

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -0.962+/-0.008 χ^2/NDF:29906.6/19

Left: -0.966+/-0.006 χ^2/NDF: 70463.2/40

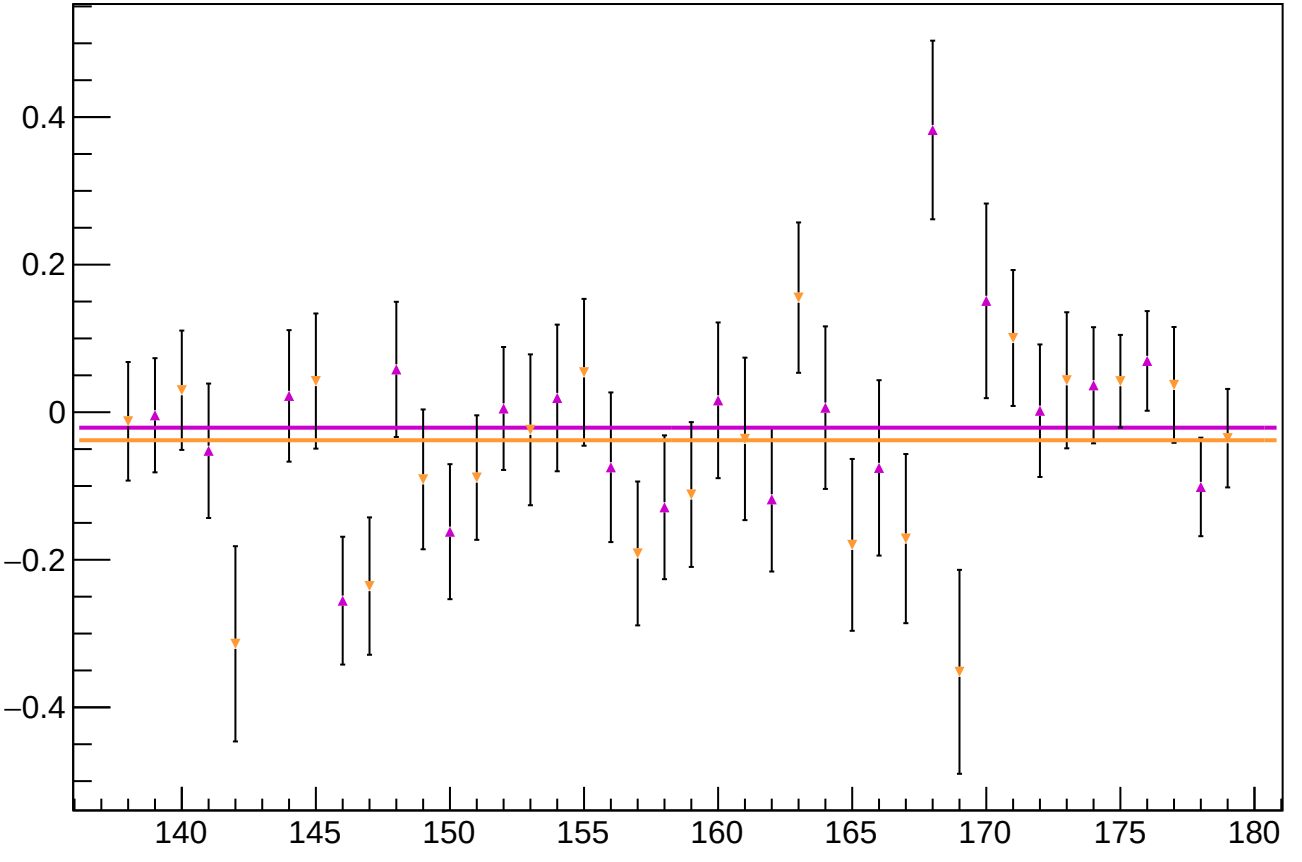
Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -0.823+/-0.008 χ^2/NDF:37403.5/35

Out: -1.051+/-0.008 χ^2/NDF:119242.5/38

All: -0.937+/-0.005 χ^2/NDF: 157088.1/74

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+/-0.020 χ^2/NDF:32.2/20

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

Left In: -0.021+/-0.020 χ^2/NDF:30.6/19

Left: -0.030+/-0.014 χ^2/NDF: 63.2/40

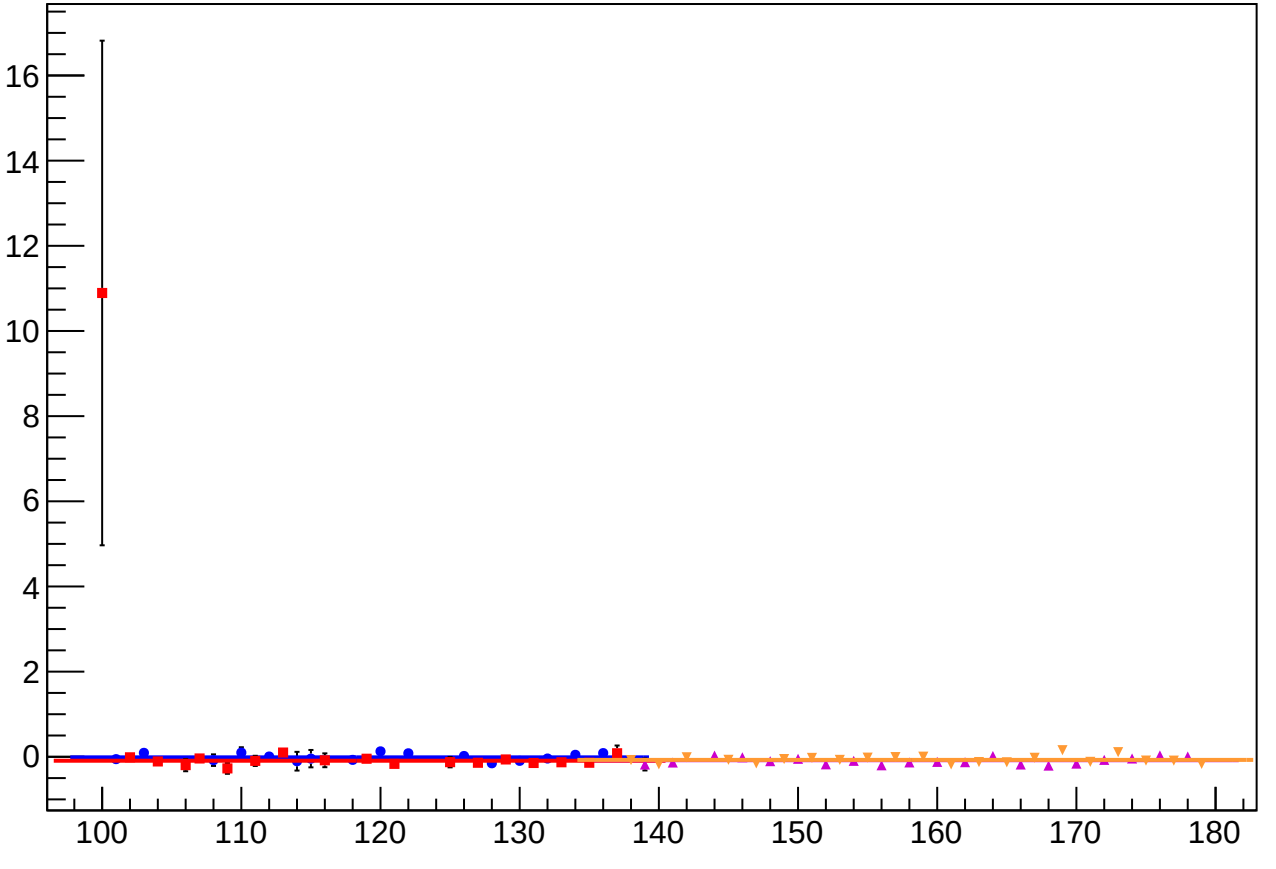
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.021+/-0.020 χ^2/NDF:30.6/19

Out: -0.038+/-0.020 χ^2/NDF:32.2/20

All: -0.030+/-0.014 χ^2/NDF: 63.2/40

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+/-0.015 χ^2/NDF:27.8/20

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.080+/-0.015 χ^2/NDF:22.7/19

Left: -0.076+/-0.011 χ^2/NDF: 50.7/40

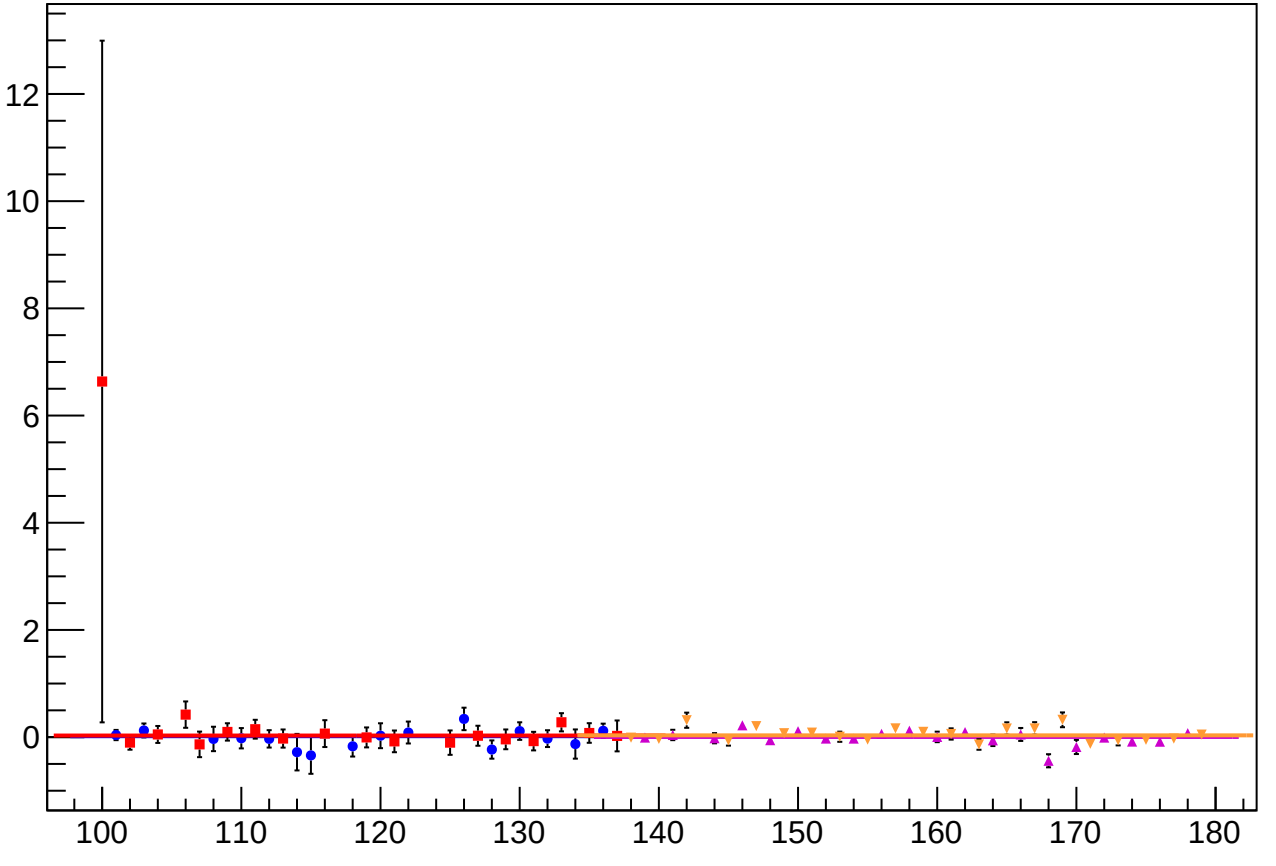
Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.060+/-0.013 χ^2/NDF:40.8/35

Out: -0.078+/-0.013 χ^2/NDF:40.9/38

All: -0.069+/-0.009 χ^2/NDF: 82.7/74

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: 0.033+/-0.020 χ^2/NDF:29.8/20

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.004+/-0.020 χ^2/NDF:31.9/19

Left: 0.019+/-0.014 χ^2/NDF: 62.8/40

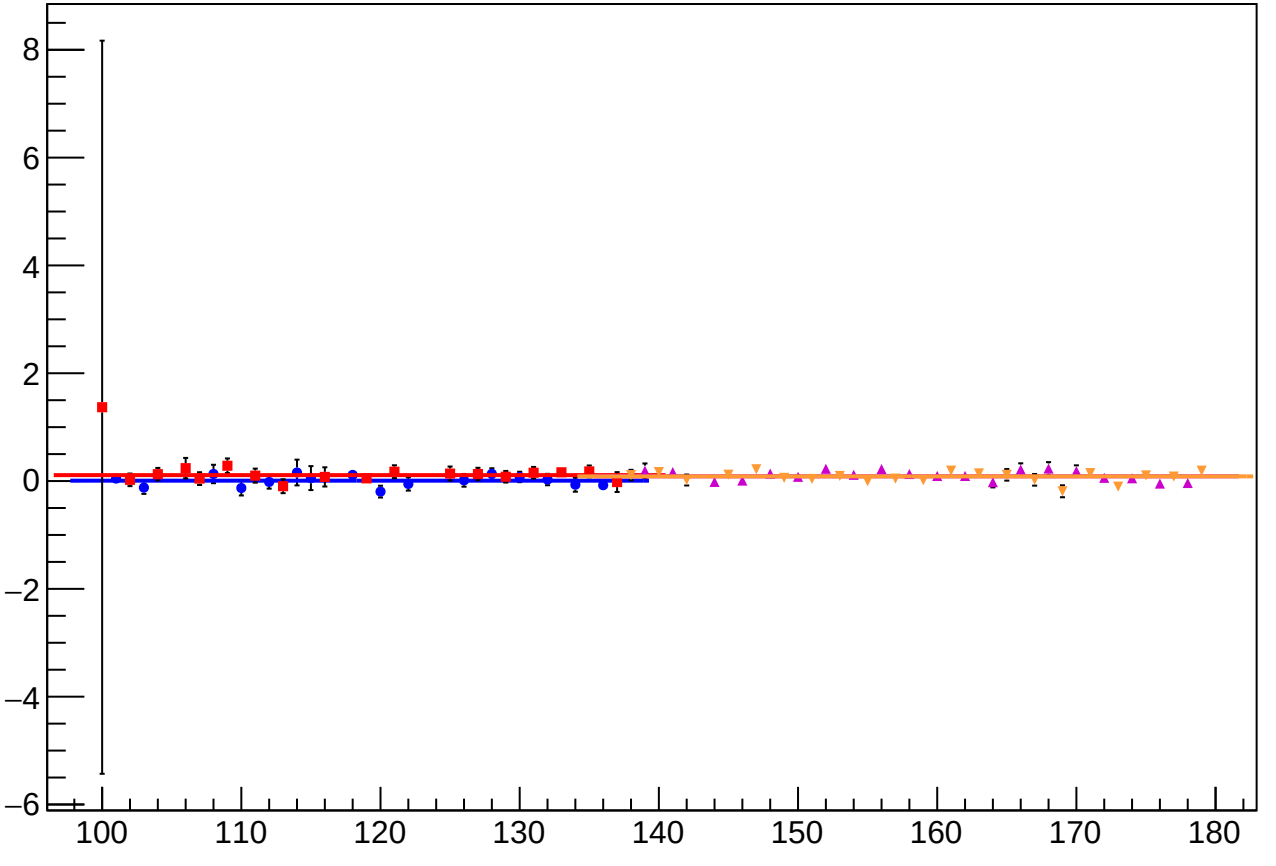
Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: 0.006+/-0.018 χ^2/NDF:41.7/35

Out: 0.033+/-0.018 χ^2/NDF:39.0/38

All: 0.020+/-0.013 χ^2/NDF: 81.7/74

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: 0.087+/-0.017 χ^2/NDF:27.7/20

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.088+/-0.018 χ^2/NDF:25.3/19

Left: 0.087+/-0.012 χ^2/NDF: 53.0/40

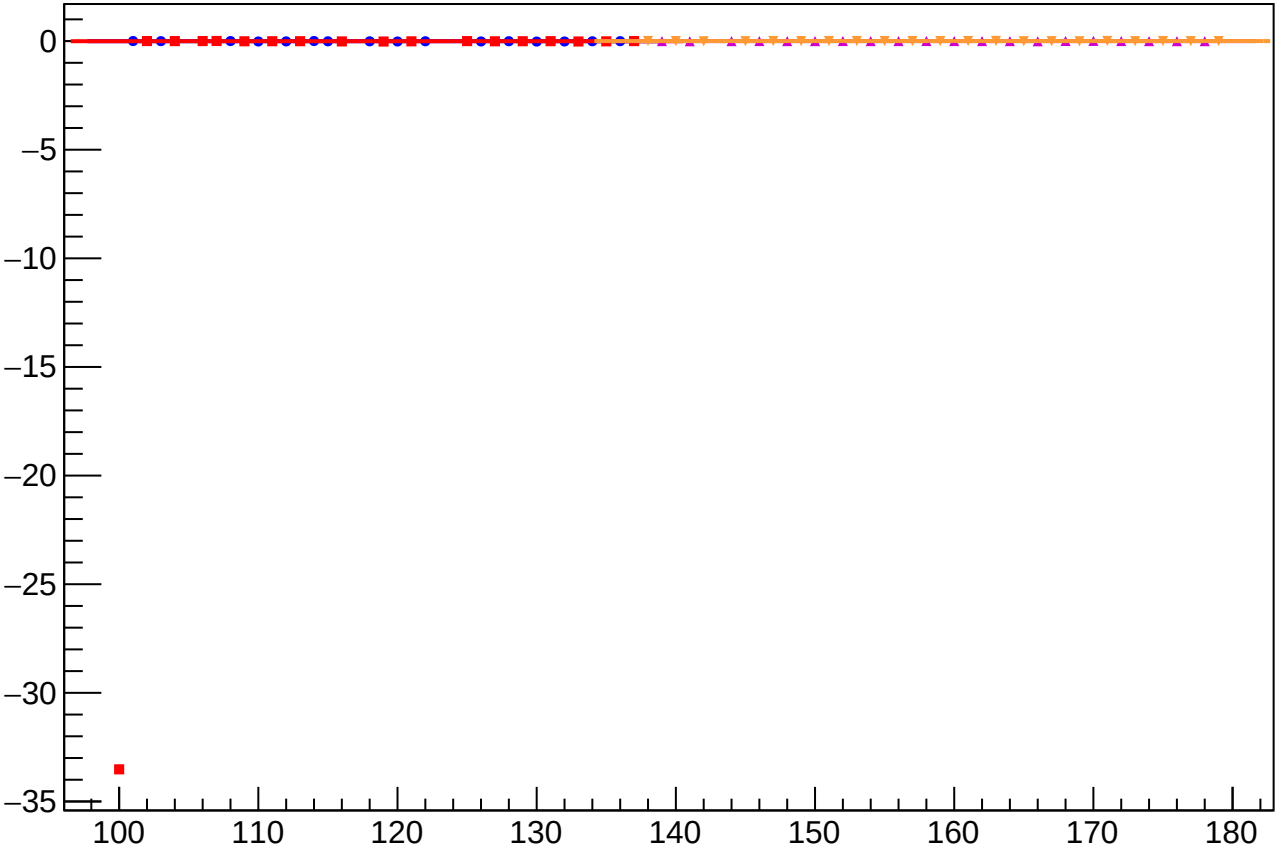
Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.064+/-0.015 χ^2/NDF:43.8/35

Out: 0.093+/-0.015 χ^2/NDF:36.2/38

All: 0.078+/-0.010 χ^2/NDF: 81.9/74

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF: 22.6/15

Left Out: 0.001+/-0.001 χ^2/NDF:20.3/20

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: -0.000+/-0.001 χ^2/NDF:18.6/19

Left: 0.000+/-0.001 χ^2/NDF: 39.7/40

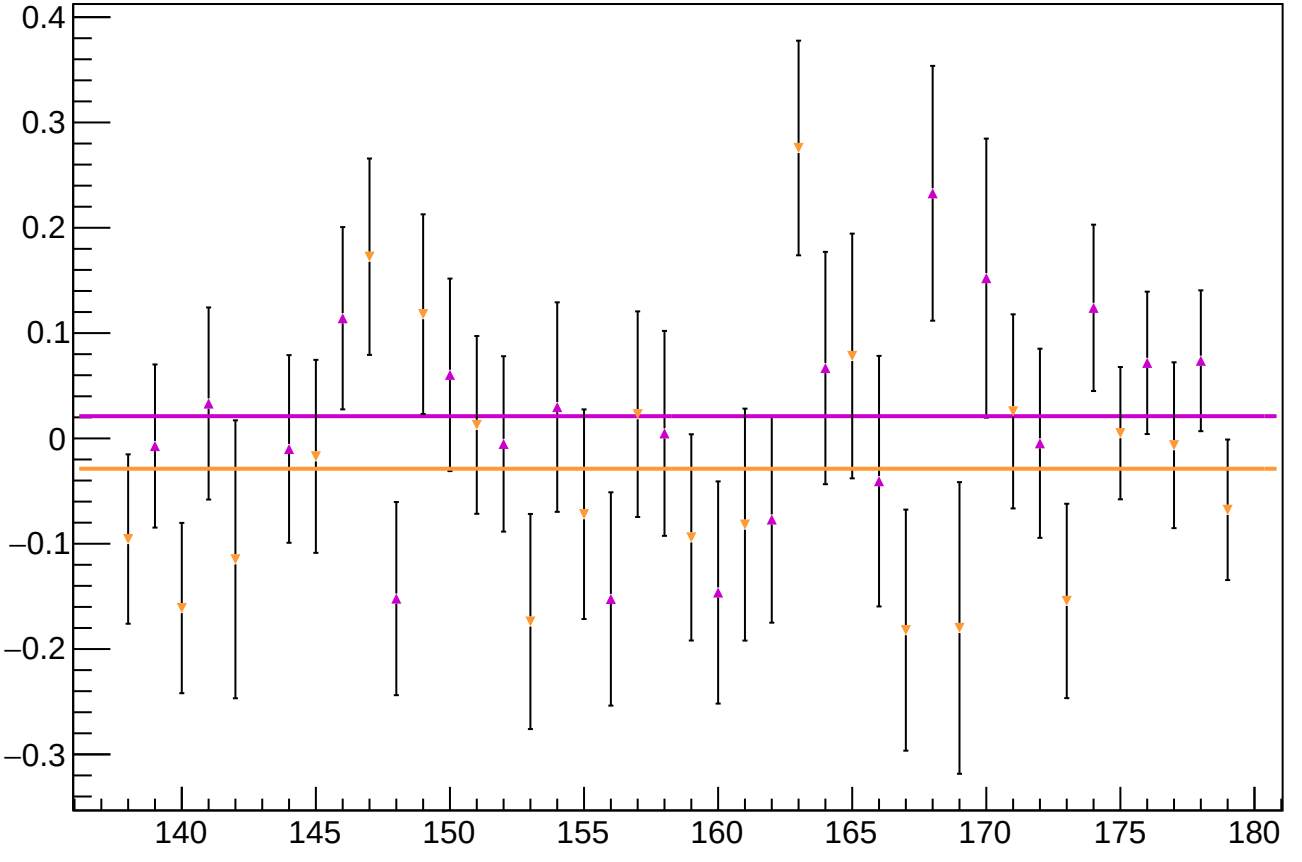
Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.001+/-0.001 χ^2/NDF:51.3/35

Out: -0.001+/-0.001 χ^2/NDF:26545.2/38

All: -0.001+/-0.000 χ^2/NDF: 26597.0/74

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: -0.029+/-0.020 χ^2/NDF:30.0/20

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

Left In: 0.021+/-0.020 χ^2/NDF:19.2/19

Left: -0.004+/-0.014 χ^2/NDF: 52.2/40

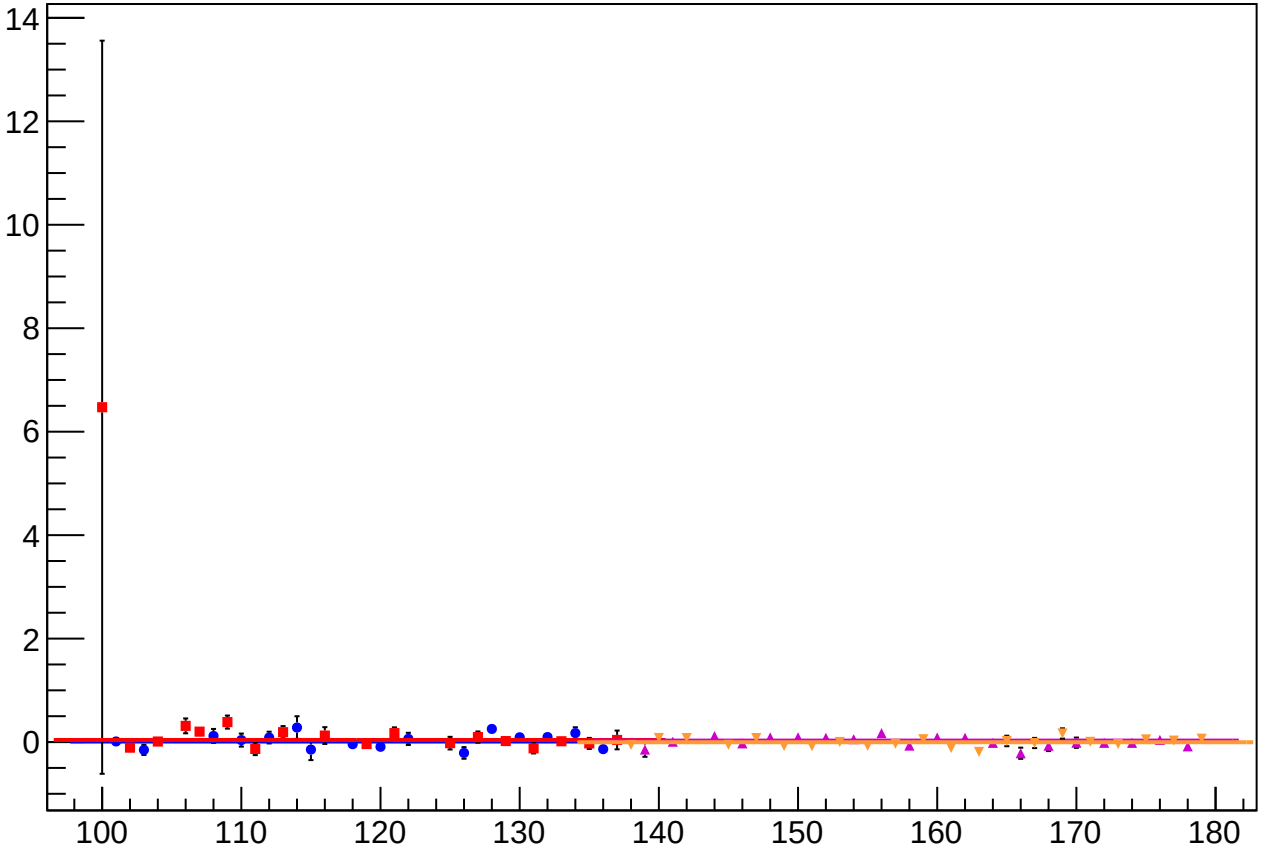
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.021+/-0.020 χ^2/NDF:19.2/19

Out: -0.029+/-0.020 χ^2/NDF:30.0/20

All: -0.004+/-0.014 χ^2/NDF: 52.2/40

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: -0.003+/-0.015 χ^2/NDF:25.8/20

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.028+/-0.015 χ^2/NDF:26.6/19

Left: 0.012+/-0.011 χ^2/NDF: 54.6/40

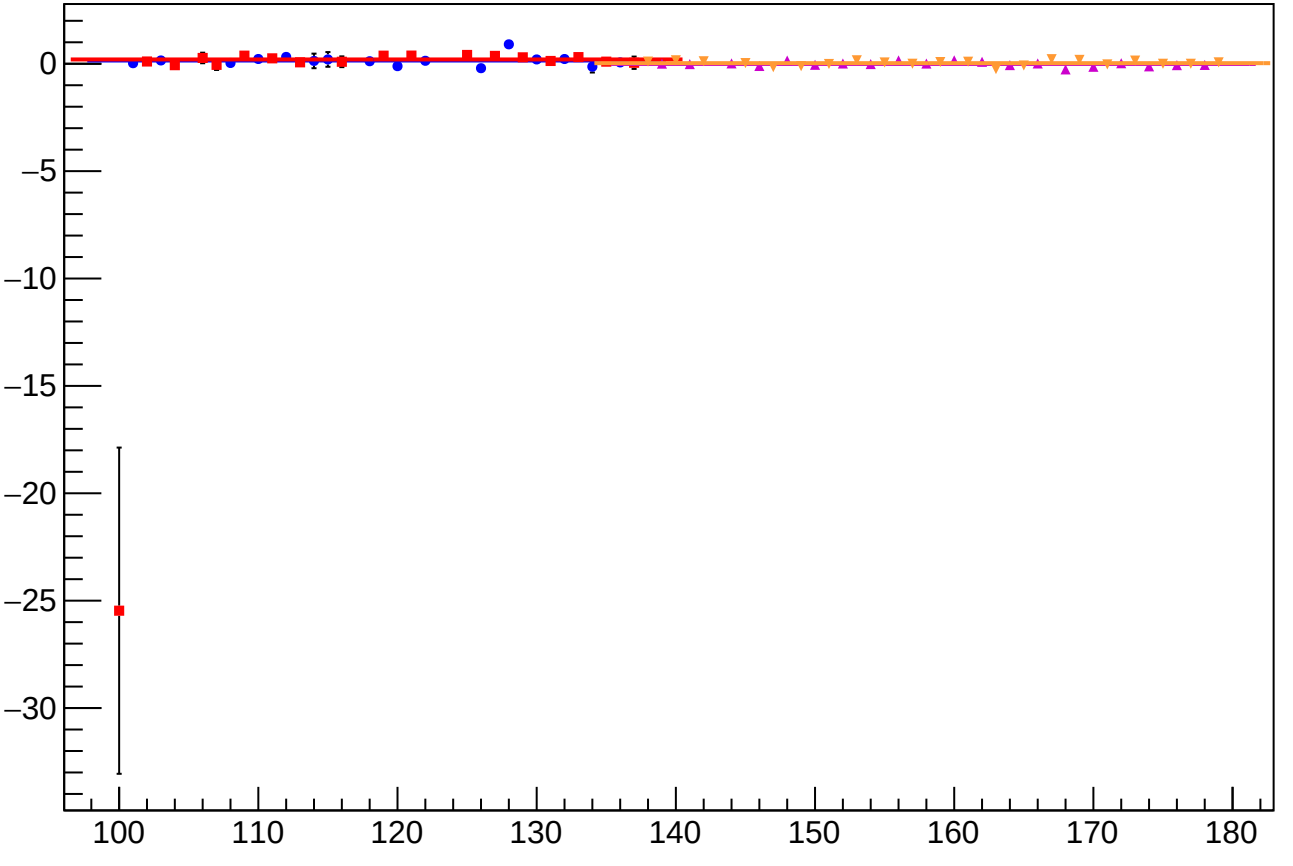
Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.023+/-0.013 χ^2/NDF:52.4/35

Out: 0.008+/-0.013 χ^2/NDF:56.0/38

All: 0.016+/-0.009 χ^2/NDF: 109.1/74

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.043 χ^2/NDF: 28.7/15

Left Out: 0.027+/-0.020 χ^2/NDF:29.0/20

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: -0.009+/-0.020 χ^2/NDF:20.7/19

Left: 0.009+/-0.014 χ^2/NDF: 51.4/40

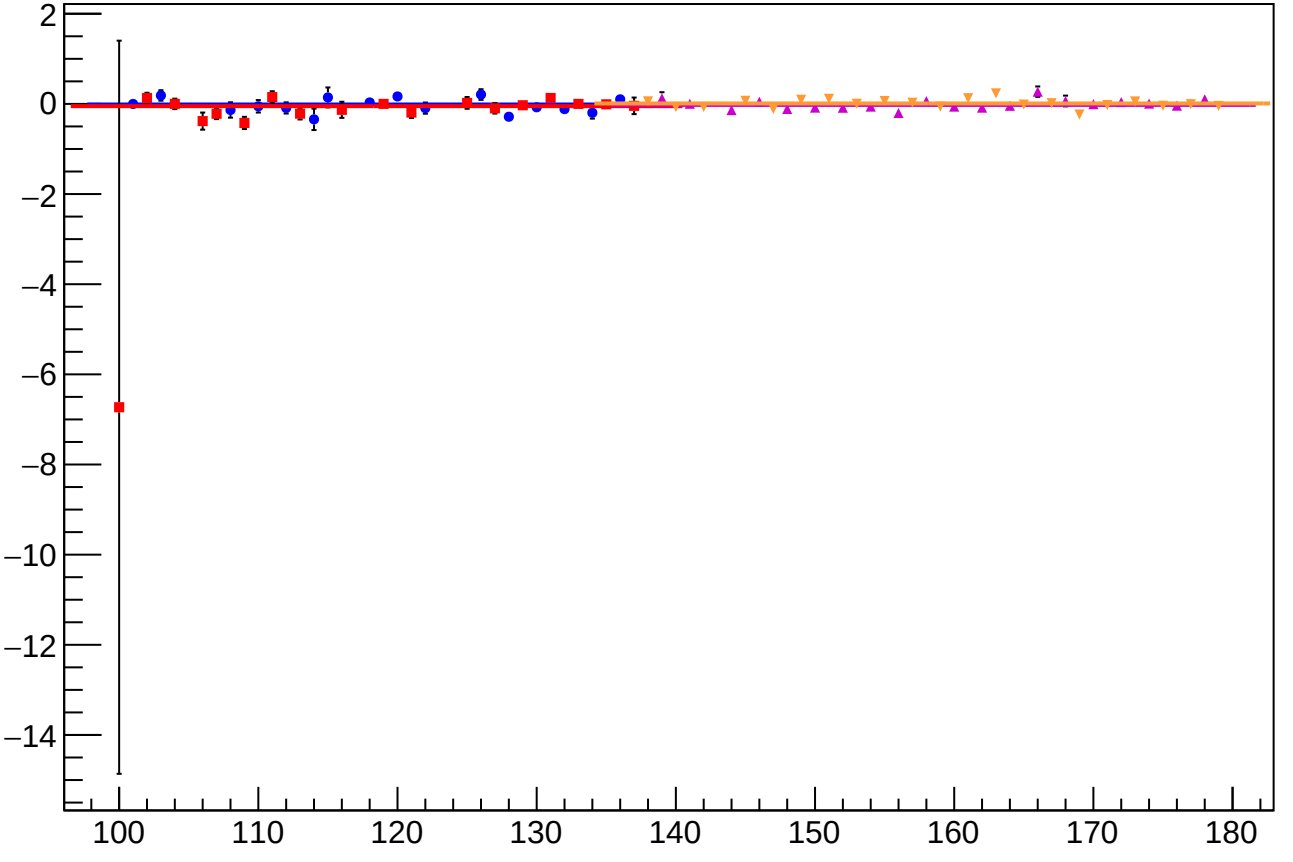
Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.020+/-0.018 χ^2/NDF:61.1/35

Out: 0.055+/-0.018 χ^2/NDF:64.2/38

All: 0.038+/-0.013 χ^2/NDF: 127.3/74

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: 0.010+/-0.017 χ^2/NDF:27.8/20

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.022+/-0.018 χ^2/NDF:27.6/19

Left: -0.006+/-0.012 χ^2/NDF: 57.2/40

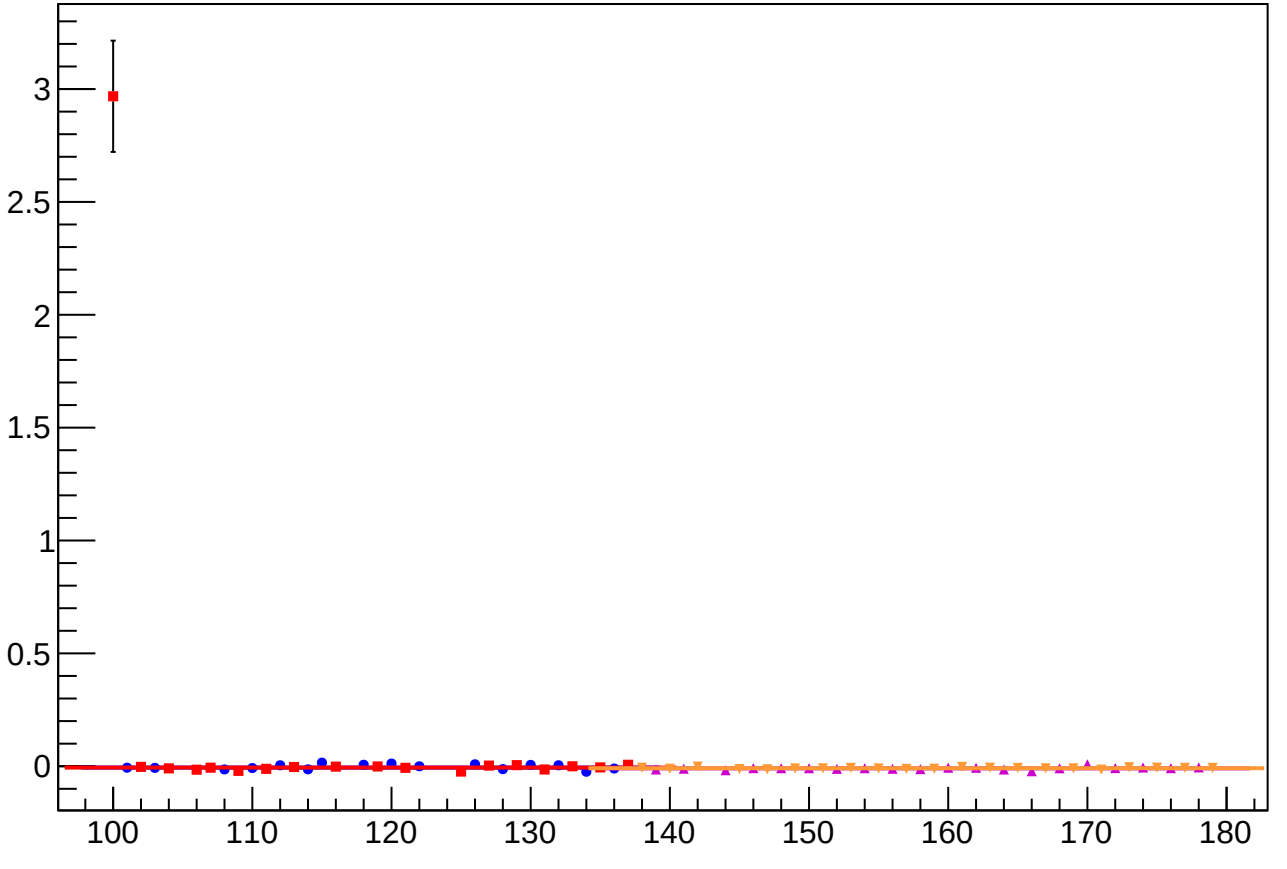
Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: -0.020+/-0.015 χ^2/NDF:52.8/35

Out: -0.006+/-0.015 χ^2/NDF:56.8/38

All: -0.013+/-0.010 χ^2/NDF: 110.1/74

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF: 29.0/15

Left Out: -0.009+/-0.001 χ^2/NDF:15.8/20

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.009+/-0.001 χ^2/NDF:34.2/19

Left: -0.009+/-0.001 χ^2/NDF: 50.4/40

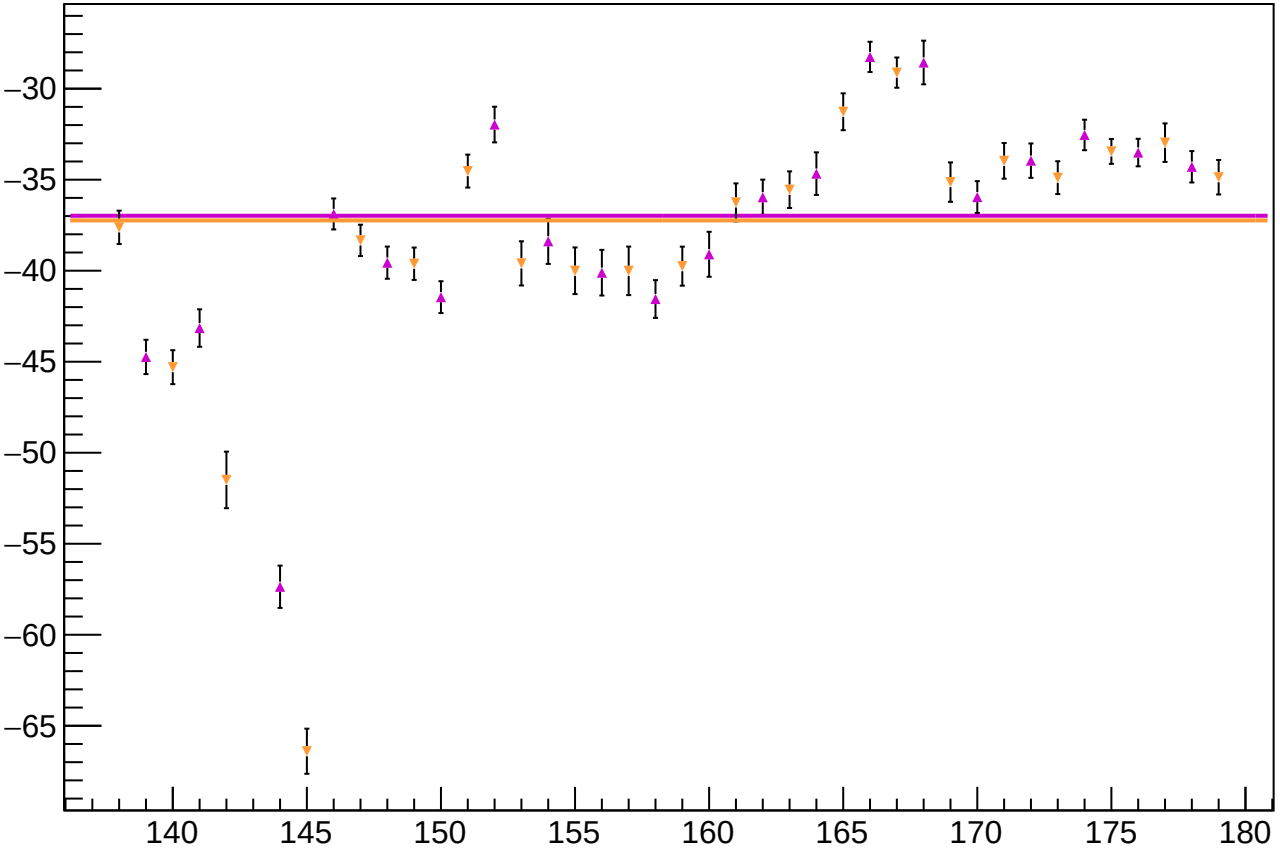
Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.009+/-0.001 χ^2/NDF:67.5/35

Out: -0.008+/-0.001 χ^2/NDF:184.4/38

All: -0.008+/-0.000 χ^2/NDF: 252.2/74

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -37.237+/-0.215 χ^2/NDF:957.6/20

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

Left In: -36.981+/-0.215 χ^2/NDF:737.9/19

Left: -37.109+/-0.152 χ^2/NDF: 1696.1/40

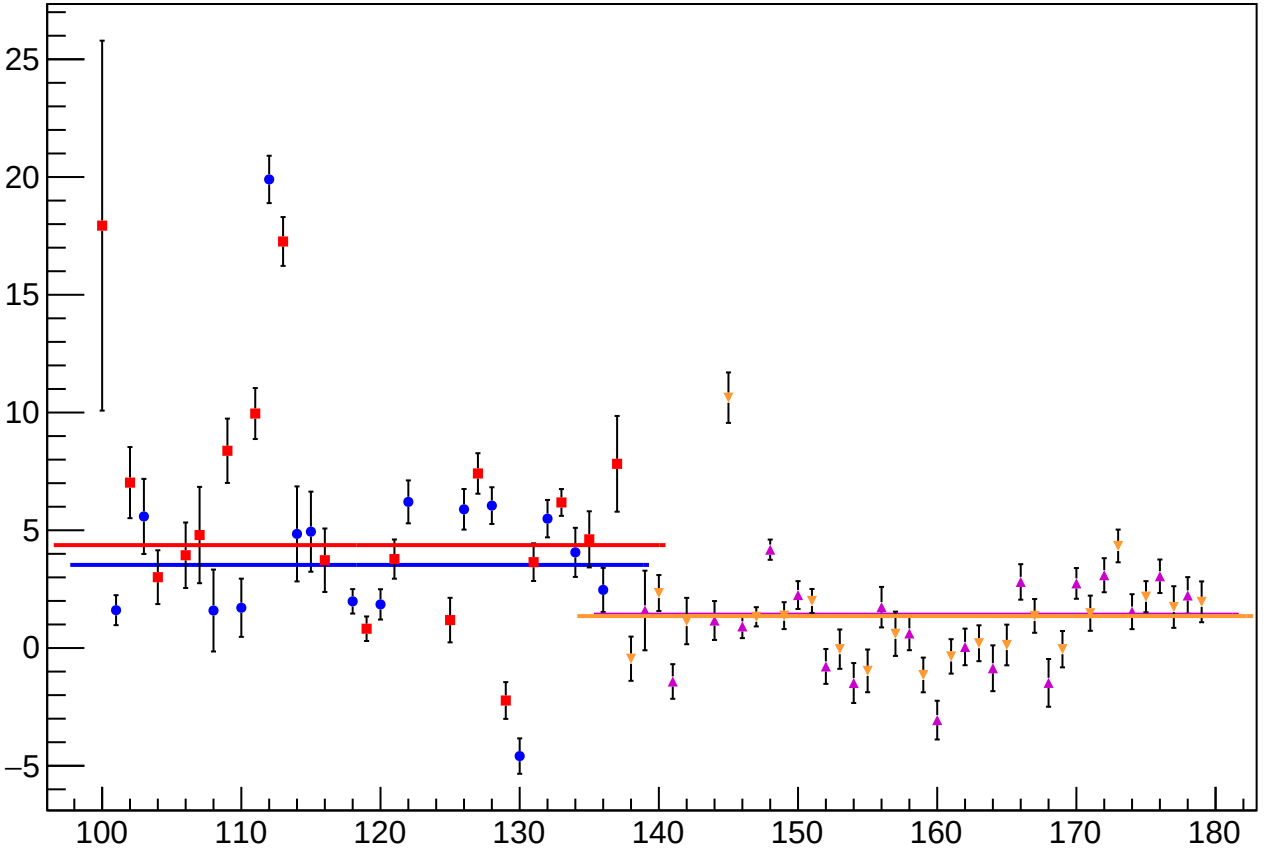
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.981+/-0.215 χ^2/NDF:737.9/19

Out: -37.237+/-0.215 χ^2/NDF:957.6/20

All: -37.109+/-0.152 χ^2/NDF: 1696.1/40

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: 1.356+/-0.157 χ^2/NDF:137.3/20

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.419+/-0.160 χ^2/NDF:147.0/19

Left: 1.387+/-0.112 χ^2/NDF: 284.3/40

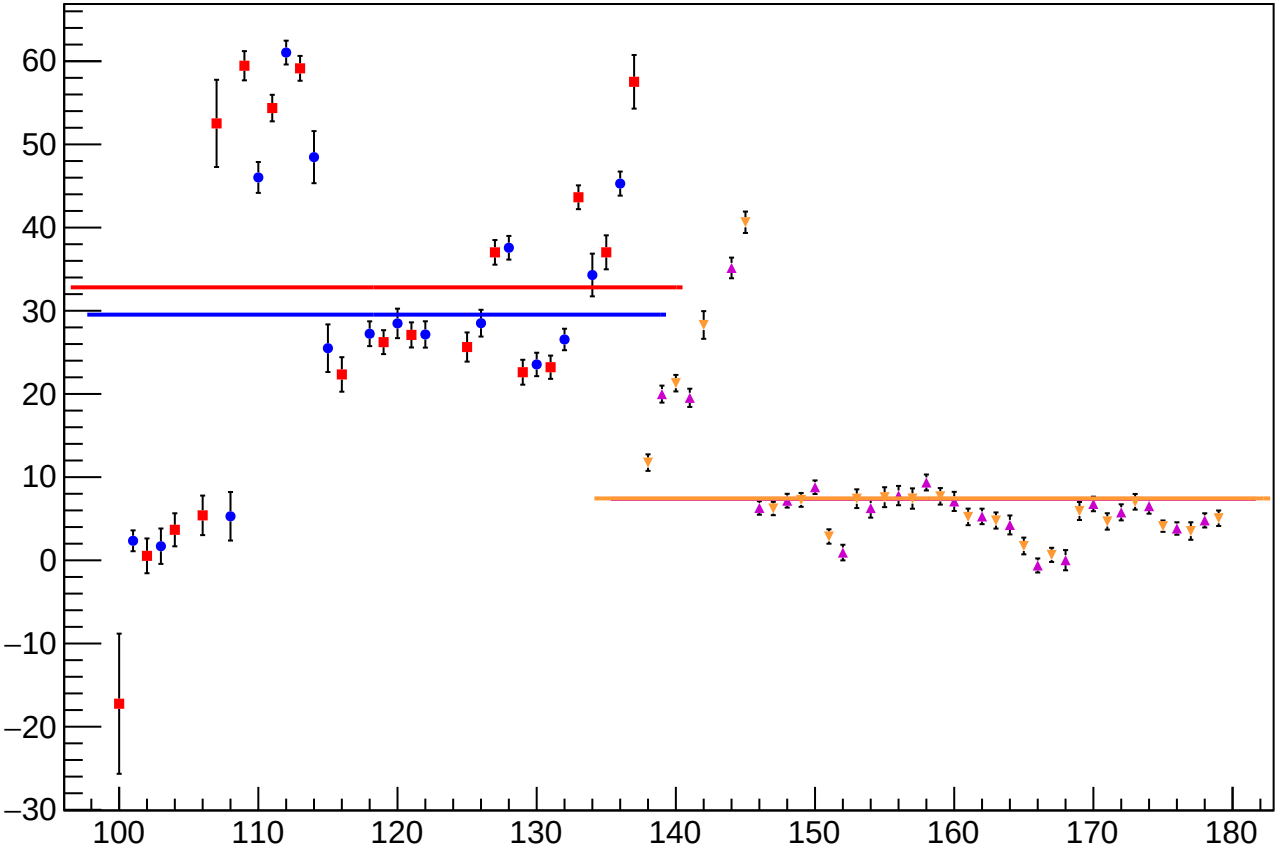
Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.159+/-0.129 χ^2/NDF:654.8/35

Out: 2.339+/-0.129 χ^2/NDF:611.5/38

All: 2.249+/-0.091 χ^2/NDF: 1267.3/74

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.535+/-0.417 χ^2/NDF: 1494.9/15

Left Out: 7.441+/-0.213 χ^2/NDF:1229.6/20

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 7.384+/-0.213 χ^2/NDF:1008.0/19

Left: 7.413+/-0.150 χ^2/NDF: 2237.6/40

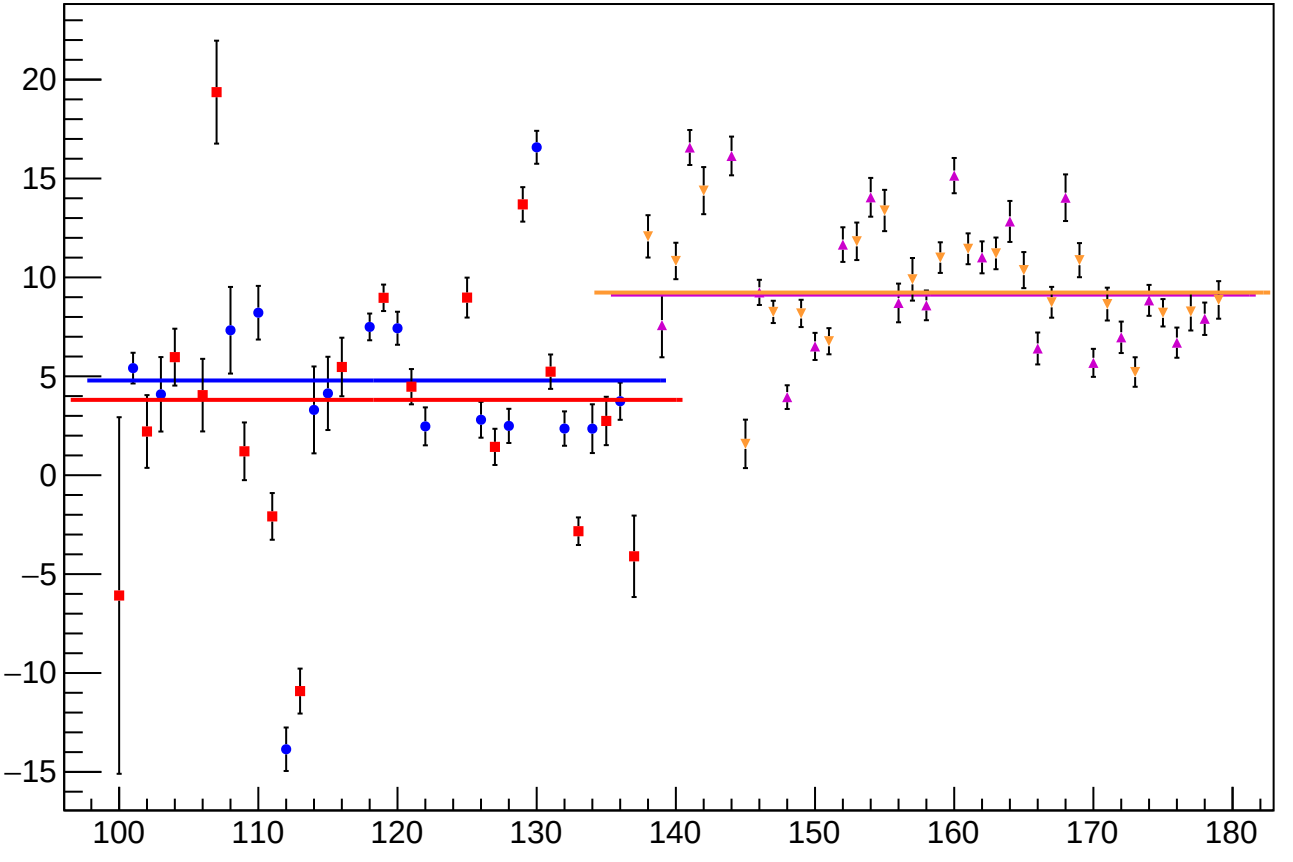
Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 11.959+/-0.189 χ^2/NDF:4744.4/35

Out: 12.560+/-0.190 χ^2/NDF:5763.5/38

All: 12.259+/-0.134 χ^2/NDF: 10512.9/74

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789+/-0.251 χ^2/NDF: 553.9/15

Left Out: 9.234+/-0.181 χ^2/NDF:168.4/20

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 9.130+/-0.184 χ^2/NDF:382.4/19

Left: 9.183+/-0.129 χ^2/NDF: 551.0/40

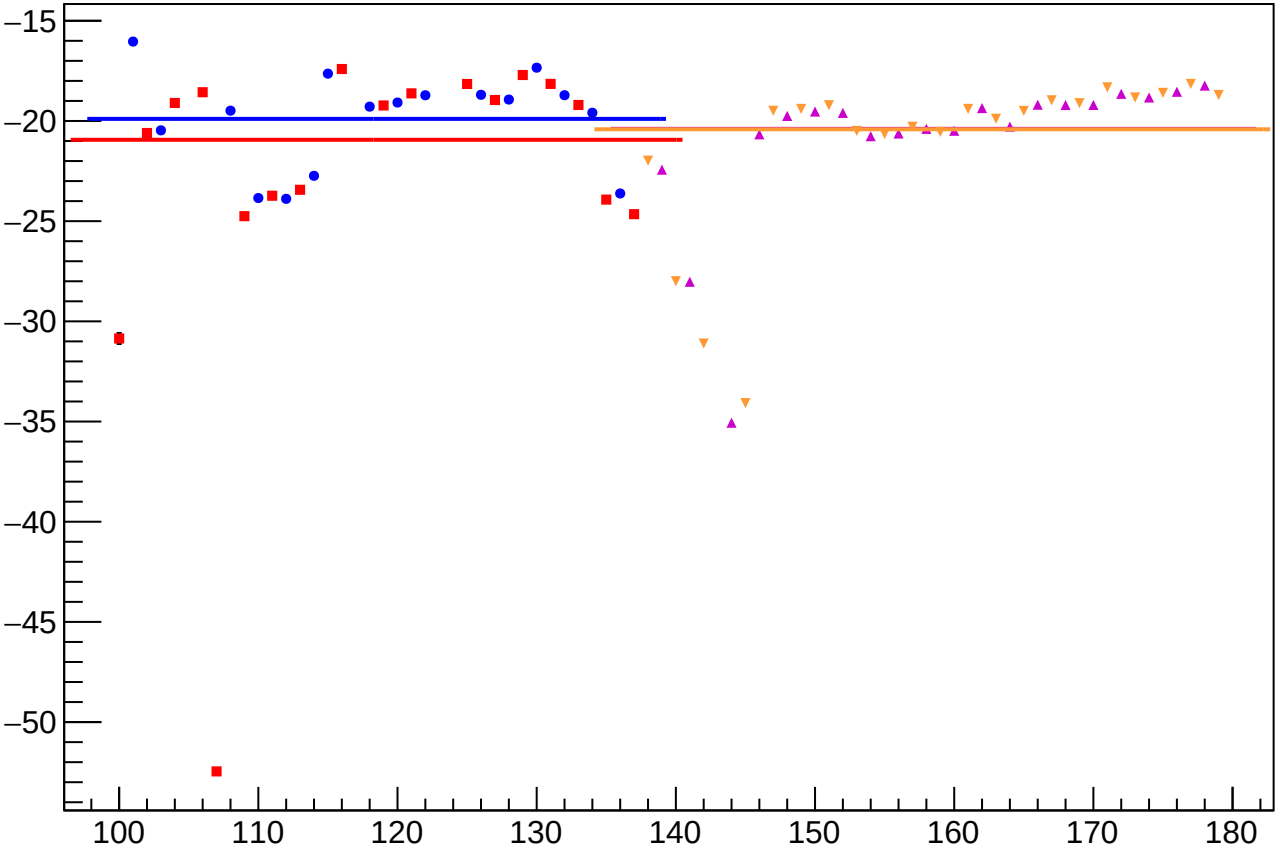
Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 7.618+/-0.148 χ^2/NDF:1131.0/35

Out: 7.450+/-0.148 χ^2/NDF:1030.7/38

All: 7.534+/-0.105 χ^2/NDF: 2162.4/74

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: -20.415+/-0.009 χ^2/NDF:149863.0/20

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -20.393+/-0.008 χ^2/NDF:121689.2/19

Left: -20.404+/-0.006 χ^2/NDF: 271555.6/40

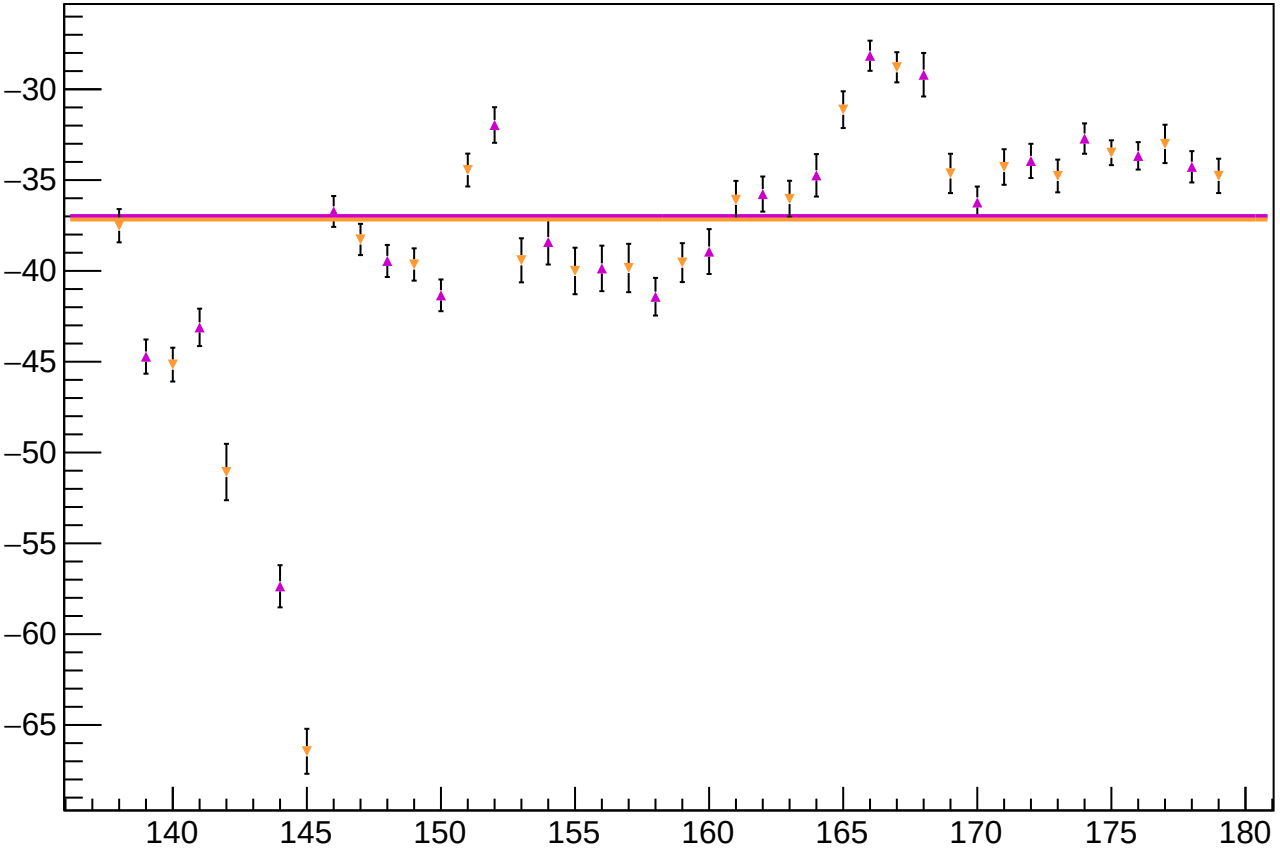
Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -20.279+/-0.007 χ^2/NDF:148550.9/35

Out: -20.535+/-0.008 χ^2/NDF:244784.5/38

All: -20.406+/-0.005 χ^2/NDF: 393920.2/74

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -37.170+/-0.215 χ^2/NDF:960.2/20

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

Left In: -36.982+/-0.215 χ^2/NDF:725.0/19

Left: -37.076+/-0.152 χ^2/NDF: 1685.5/40

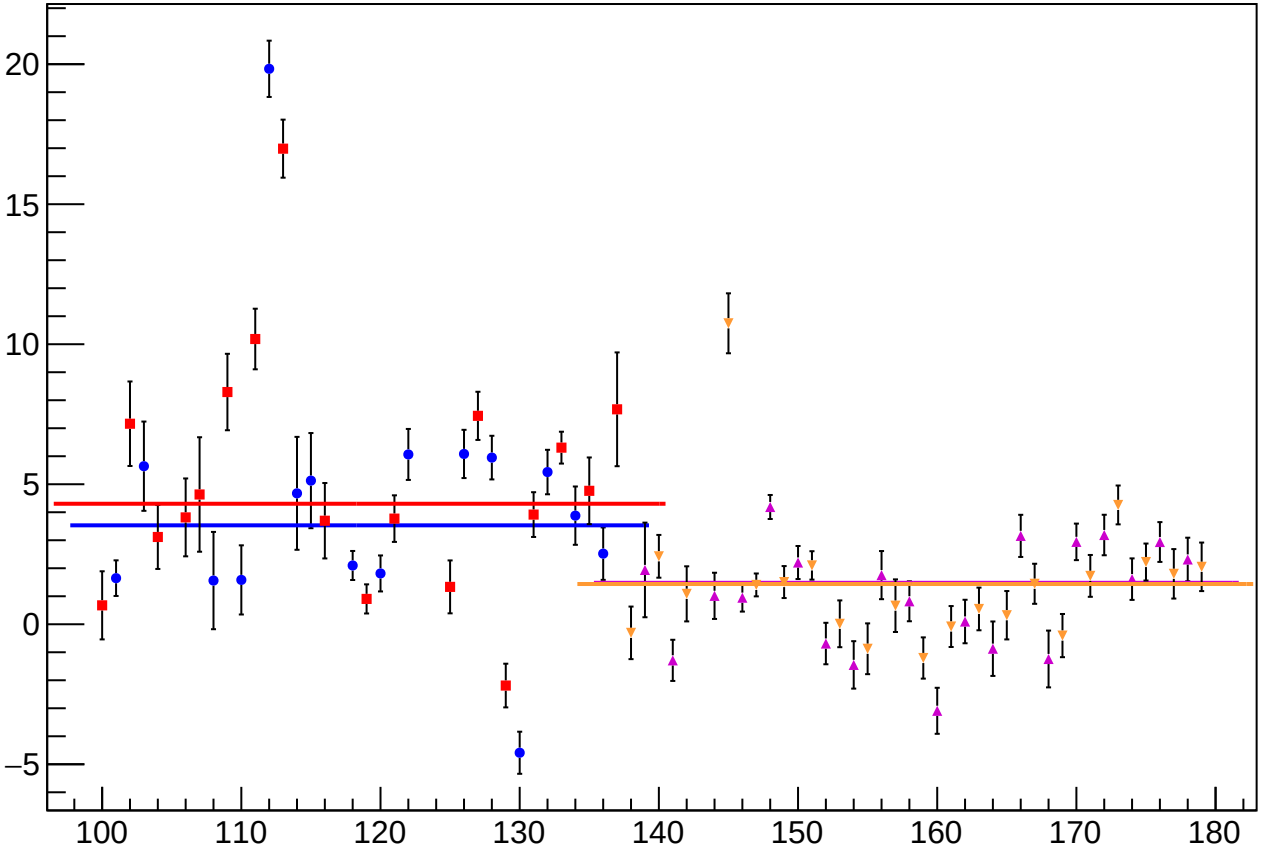
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -36.982+/-0.215 χ^2/NDF:725.0/19

Out: -37.170+/-0.215 χ^2/NDF:960.2/20

All: -37.076+/-0.152 χ^2/NDF: 1685.5/40

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: 1.437+/-0.157 χ^2/NDF:137.4/20

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.480+/-0.160 χ^2/NDF:146.7/19

Left: 1.458+/-0.112 χ^2/NDF: 284.2/40

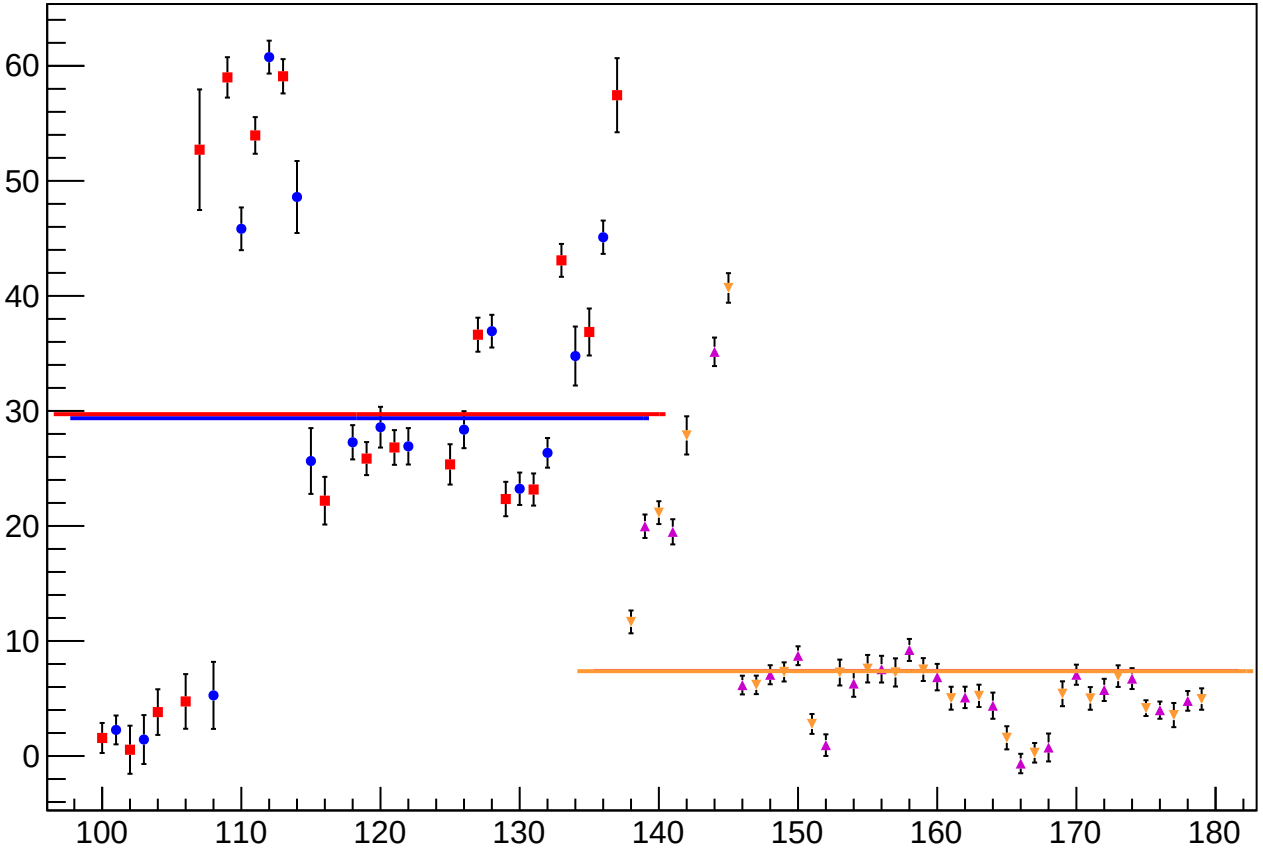
Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 2.200+/-0.129 χ^2/NDF:647.9/35

Out: 2.393+/-0.128 χ^2/NDF:601.7/38

All: 2.297+/-0.091 χ^2/NDF: 1250.8/74

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.367+/-0.416 χ^2/NDF: 1488.7/15

Left Out: 7.376+/-0.212 χ^2/NDF:1230.3/20

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 7.394+/-0.213 χ^2/NDF:999.1/19

Left: 7.385+/-0.150 χ^2/NDF: 2229.4/40

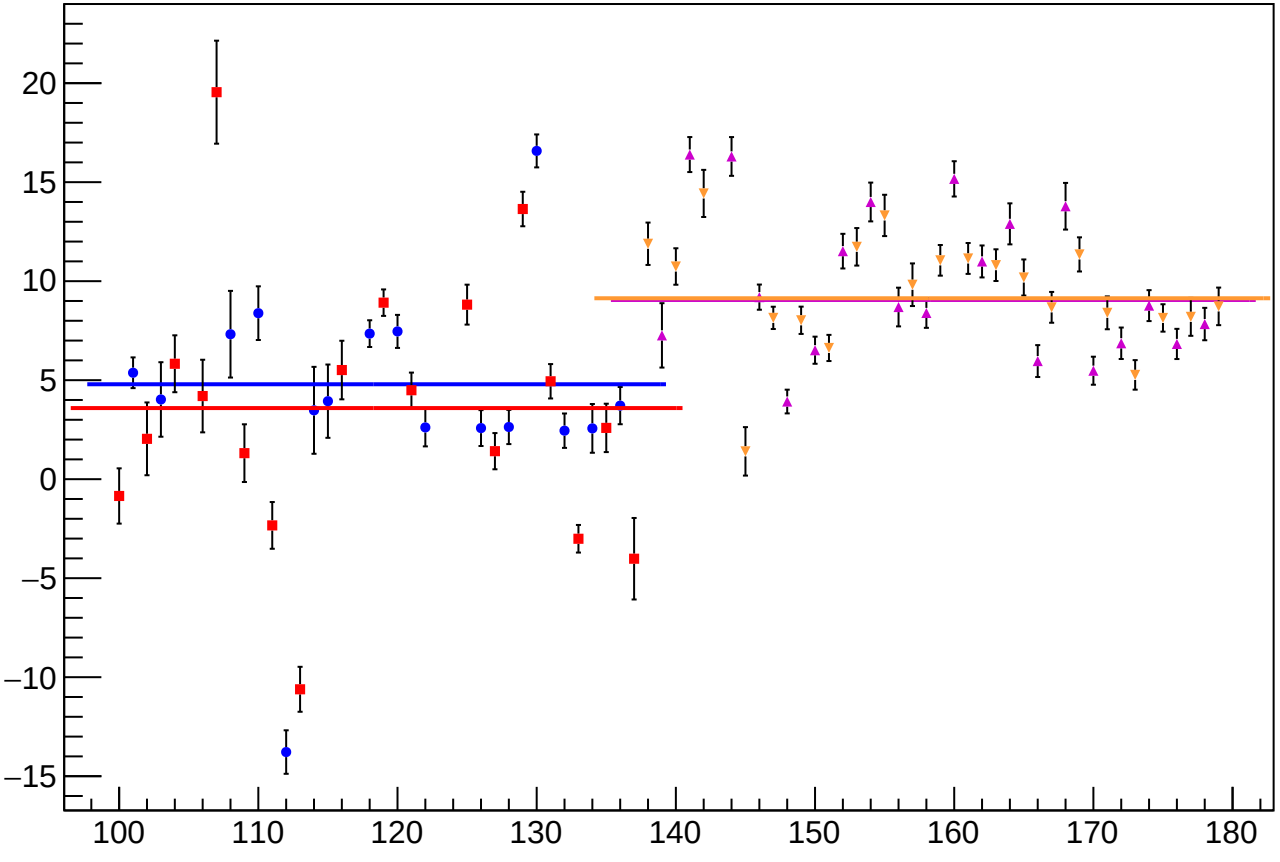
Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 11.933+/-0.189 χ^2/NDF:4696.3/35

Out: 12.246+/-0.188 χ^2/NDF:5770.2/38

All: 12.091+/-0.133 χ^2/NDF: 10467.8/74

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794+/-0.251 χ^2/NDF: 550.0/15

Left Out: 9.137+/-0.181 χ^2/NDF:169.8/20

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 9.051+/-0.184 χ^2/NDF:387.8/19

Left: 9.095+/-0.129 χ^2/NDF: 557.7/40

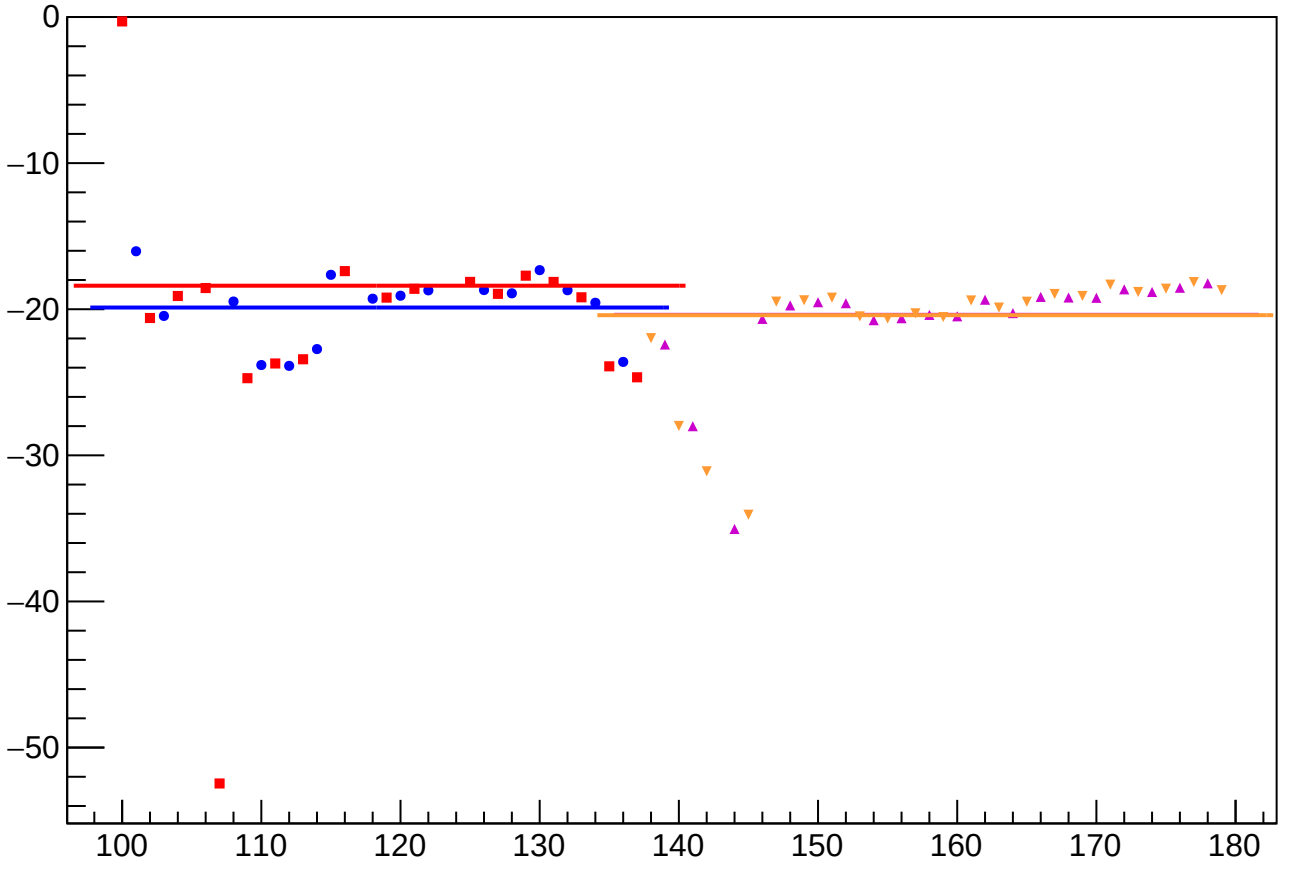
Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 7.568+/-0.148 χ^2/NDF:1125.2/35

Out: 7.273+/-0.148 χ^2/NDF:1058.4/38

All: 7.420+/-0.105 χ^2/NDF: 2185.6/74

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: -20.407+/-0.009 χ^2/NDF:149954.5/20

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -20.384+/-0.008 χ^2/NDF:121601.9/19

Left: -20.396+/-0.006 χ^2/NDF: 271560.2/40

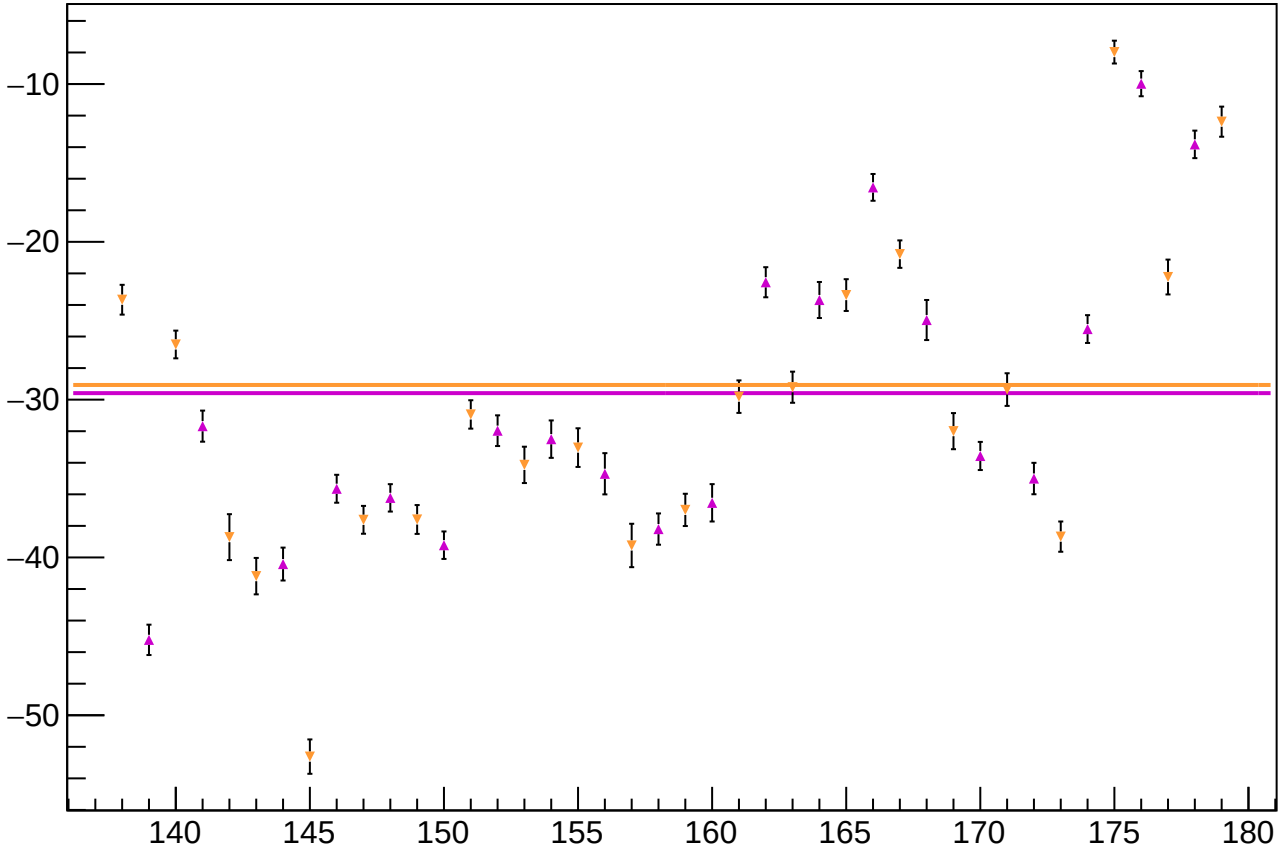
Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -20.270+/-0.007 χ^2/NDF:148464.8/35

Out: -19.900+/-0.007 χ^2/NDF:465234.8/38

All: -20.084+/-0.005 χ^2/NDF: 614940.7/74

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: -29.070+/-0.213 χ^2/NDF:2417.1/21

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

Left In: -29.587+/-0.216 χ^2/NDF:2074.9/19

Left: -29.325+/-0.152 χ^2/NDF: 4494.9/41

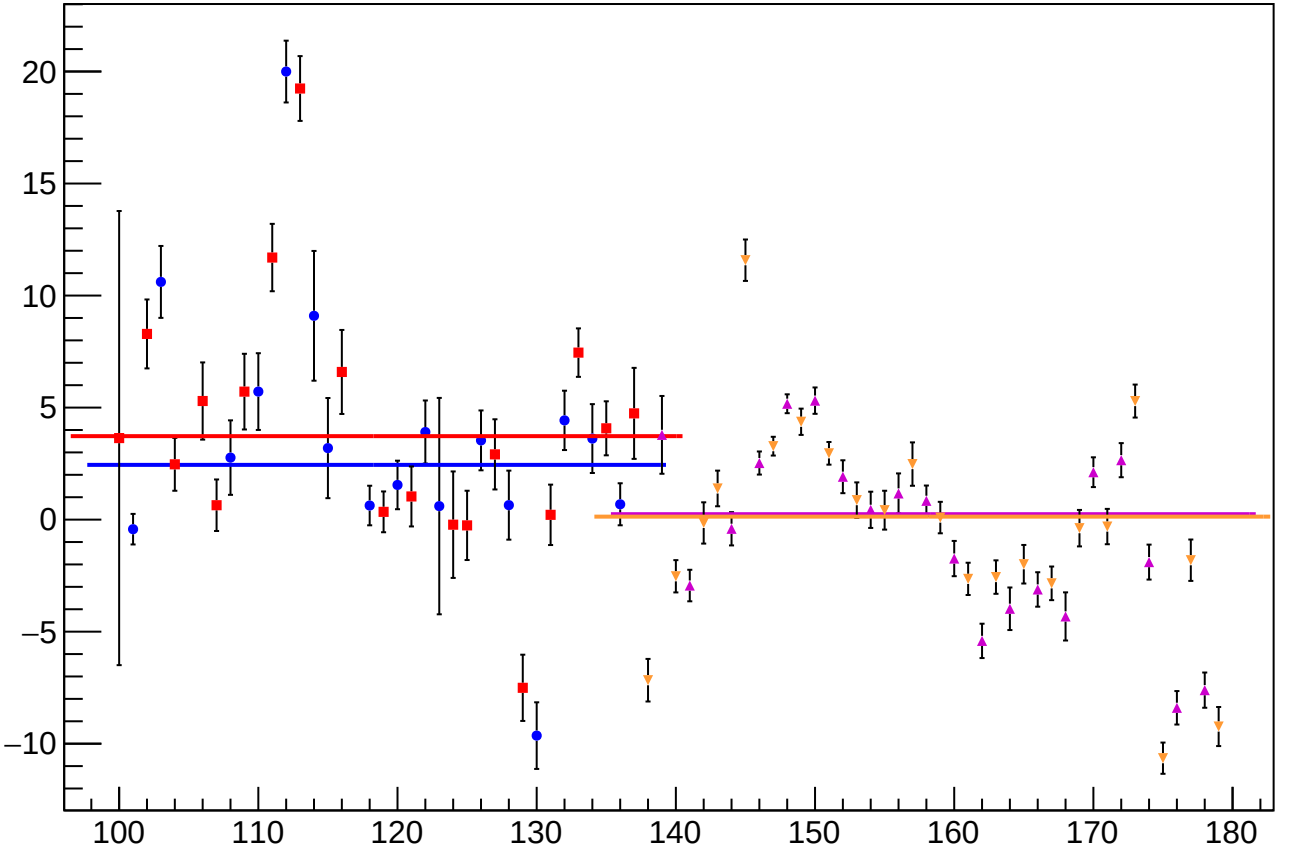
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -29.587+/-0.216 χ^2/NDF:2074.9/19

Out: -29.070+/-0.213 χ^2/NDF:2417.1/21

All: -29.325+/-0.152 χ^2/NDF: 4494.9/41

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: 0.133+/-0.155 χ^2/NDF:834.0/21

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: 0.243+/-0.160 χ^2/NDF:640.0/19

Left: 0.186+/-0.111 χ^2/NDF: 1474.2/41

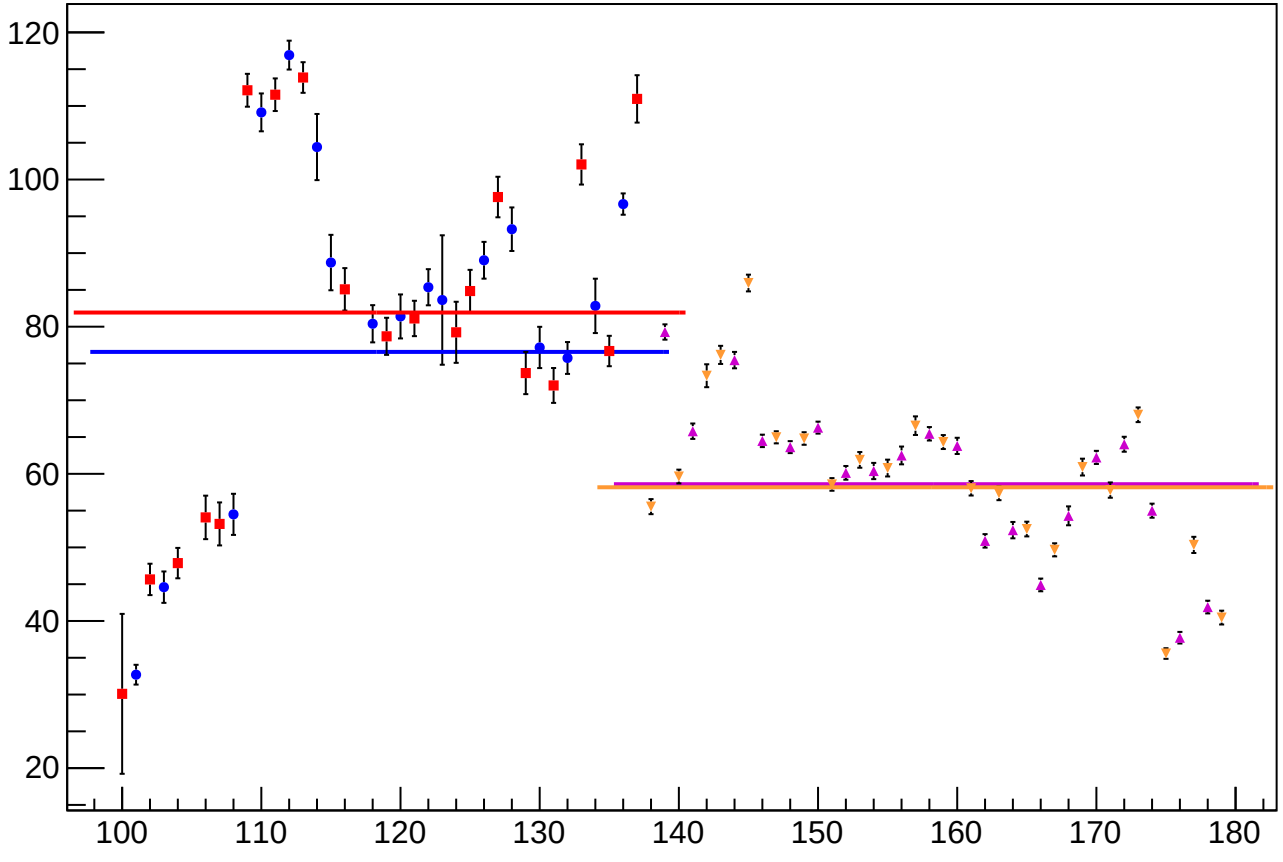
Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: 0.701+/-0.142 χ^2/NDF:974.9/36

Out: 0.790+/-0.140 χ^2/NDF:1201.8/40

All: 0.746+/-0.100 χ^2/NDF: 2177.0/77

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: 58.172+/-0.211 χ^2/NDF:2756.3/21

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 58.589+/-0.214 χ^2/NDF:2436.4/19

Left: 58.378+/-0.150 χ^2/NDF: 5194.6/41

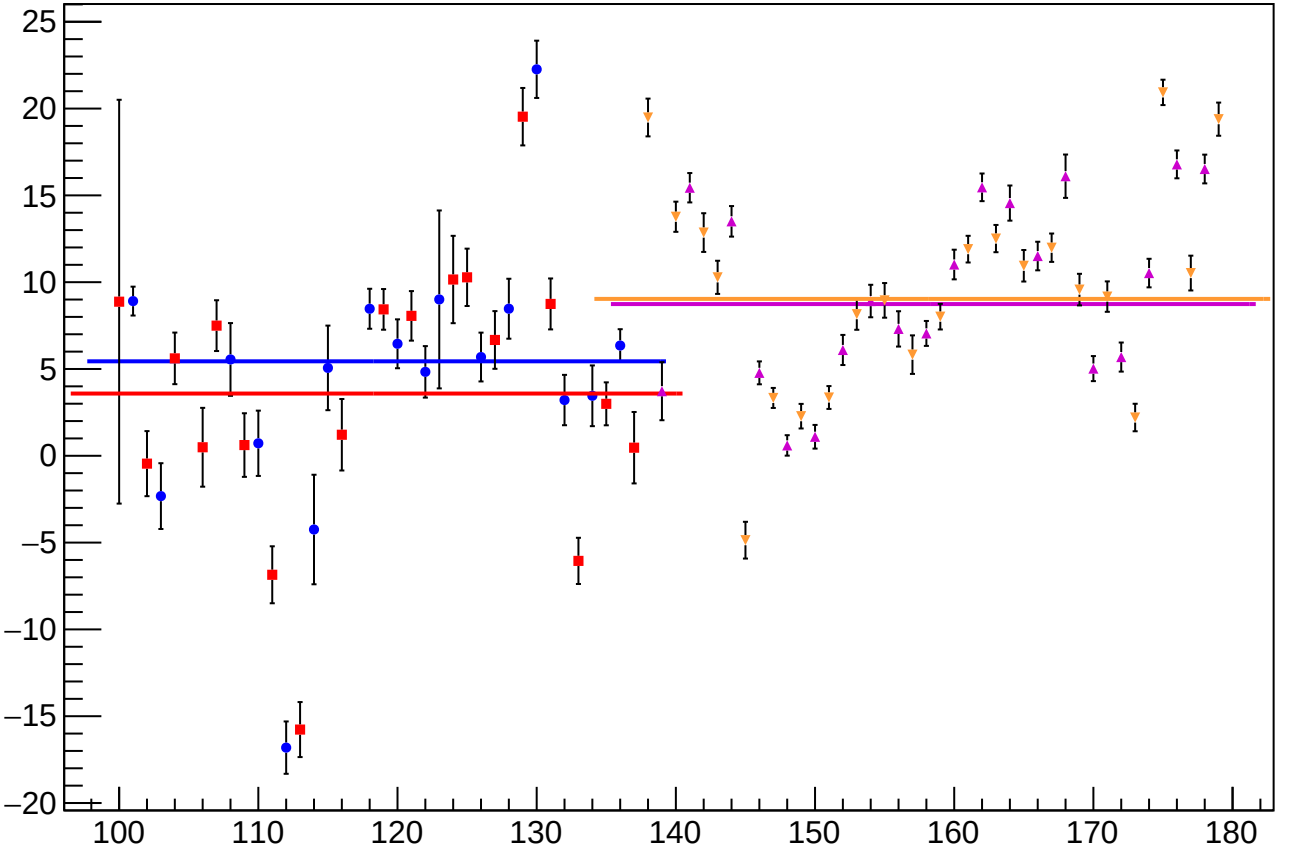
Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 60.780+/-0.200 χ^2/NDF:5554.0/36

Out: 60.848+/-0.199 χ^2/NDF:5755.5/40

All: 60.815+/-0.141 χ^2/NDF: 11309.6/77

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: 9.037+/-0.179 χ^2/NDF:1092.6/21

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 8.739+/-0.184 χ^2/NDF:861.5/19

Left: 8.892+/-0.128 χ^2/NDF: 1955.5/41

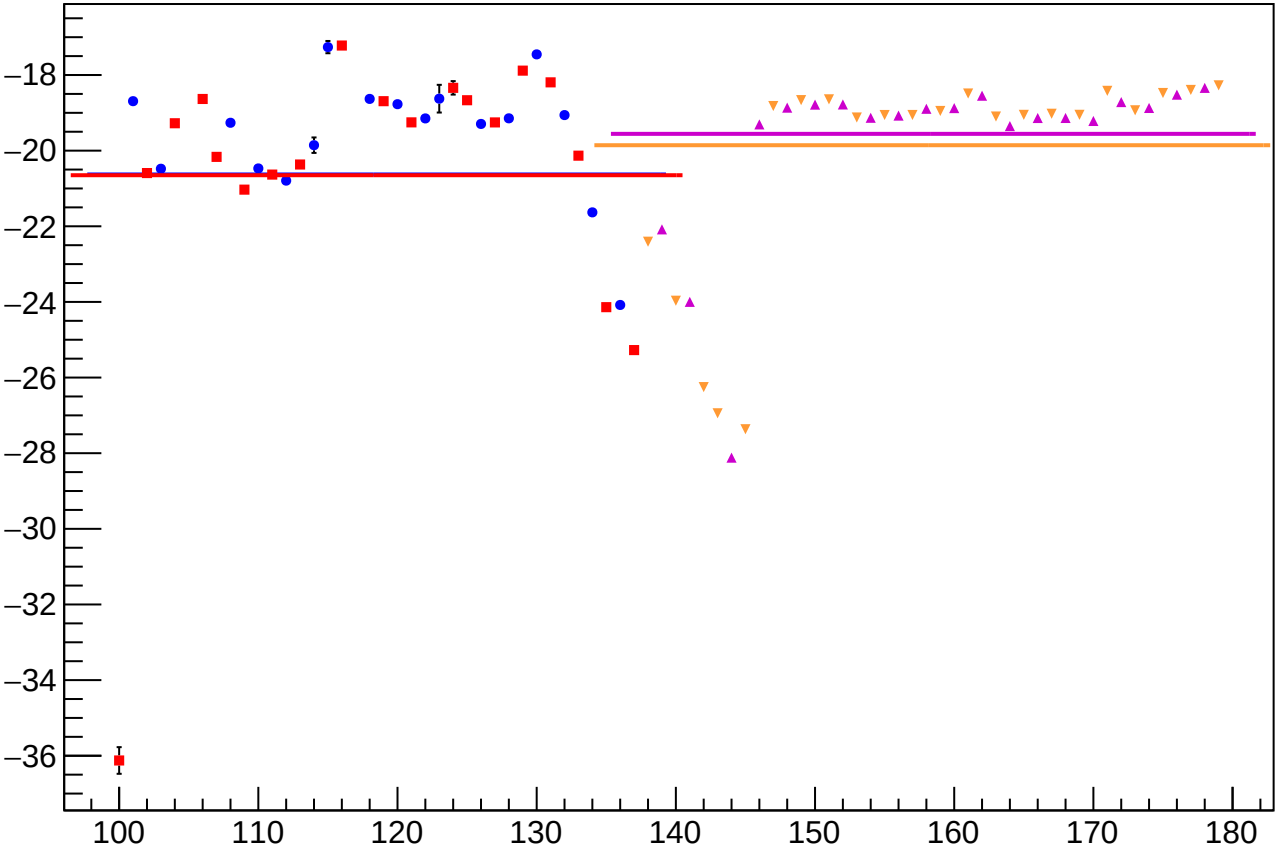
Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 8.049+/-0.163 χ^2/NDF:1316.3/36

Out: 8.028+/-0.161 χ^2/NDF:1687.9/40

All: 8.039+/-0.115 χ^2/NDF: 3004.2/77

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: -19.856+/-0.008 χ^2/NDF:86933.0/21

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -19.556+/-0.009 χ^2/NDF:52614.4/19

Left: -19.707+/-0.006 χ^2/NDF: 140174.0/41

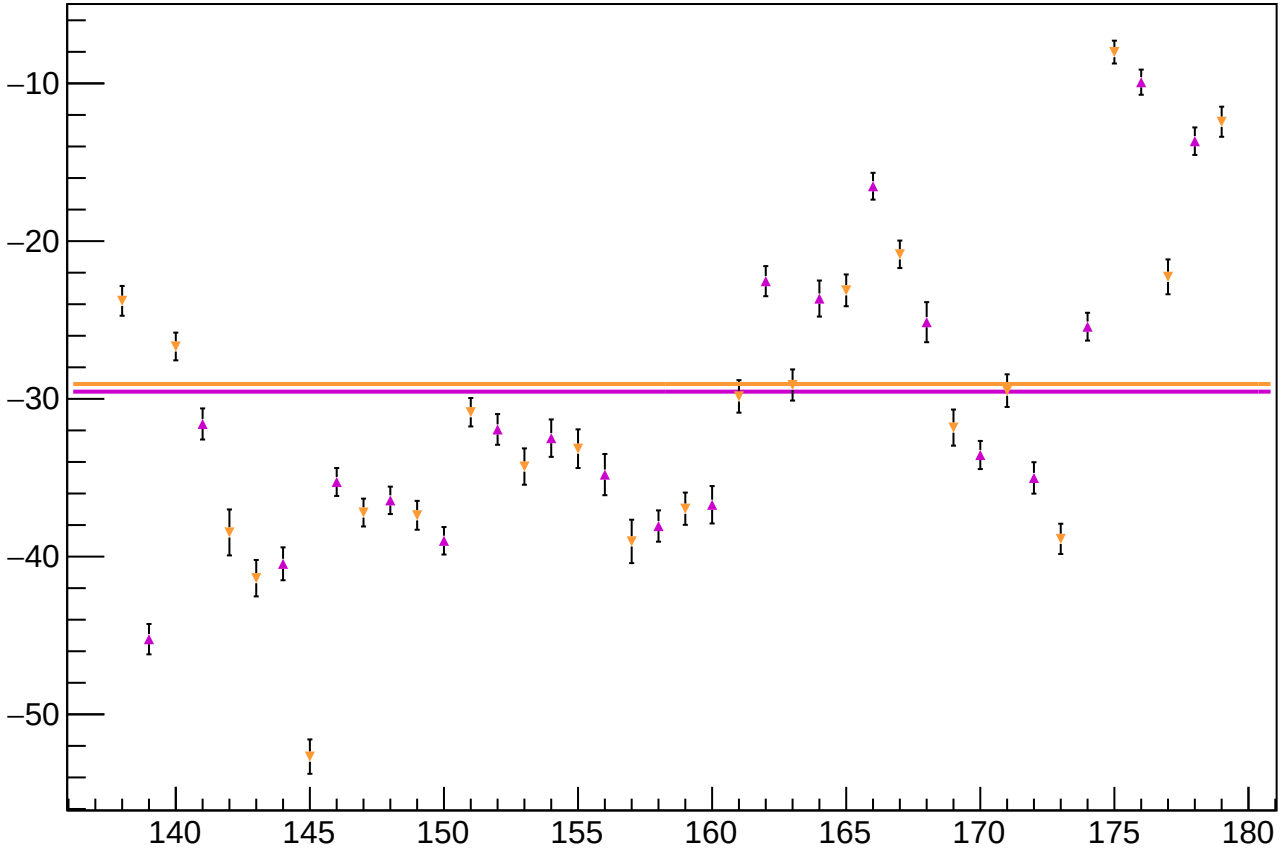
Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -19.731+/-0.008 χ^2/NDF:67705.2/36

Out: -19.983+/-0.008 χ^2/NDF:102219.0/40

All: -19.857+/-0.005 χ^2/NDF: 170449.3/77

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -29.056+/-0.213 χ^2/NDF:2401.6/21

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

Left In: -29.543+/-0.217 χ^2/NDF:2076.5/19

Left: -29.296+/-0.152 χ^2/NDF: 4480.6/41

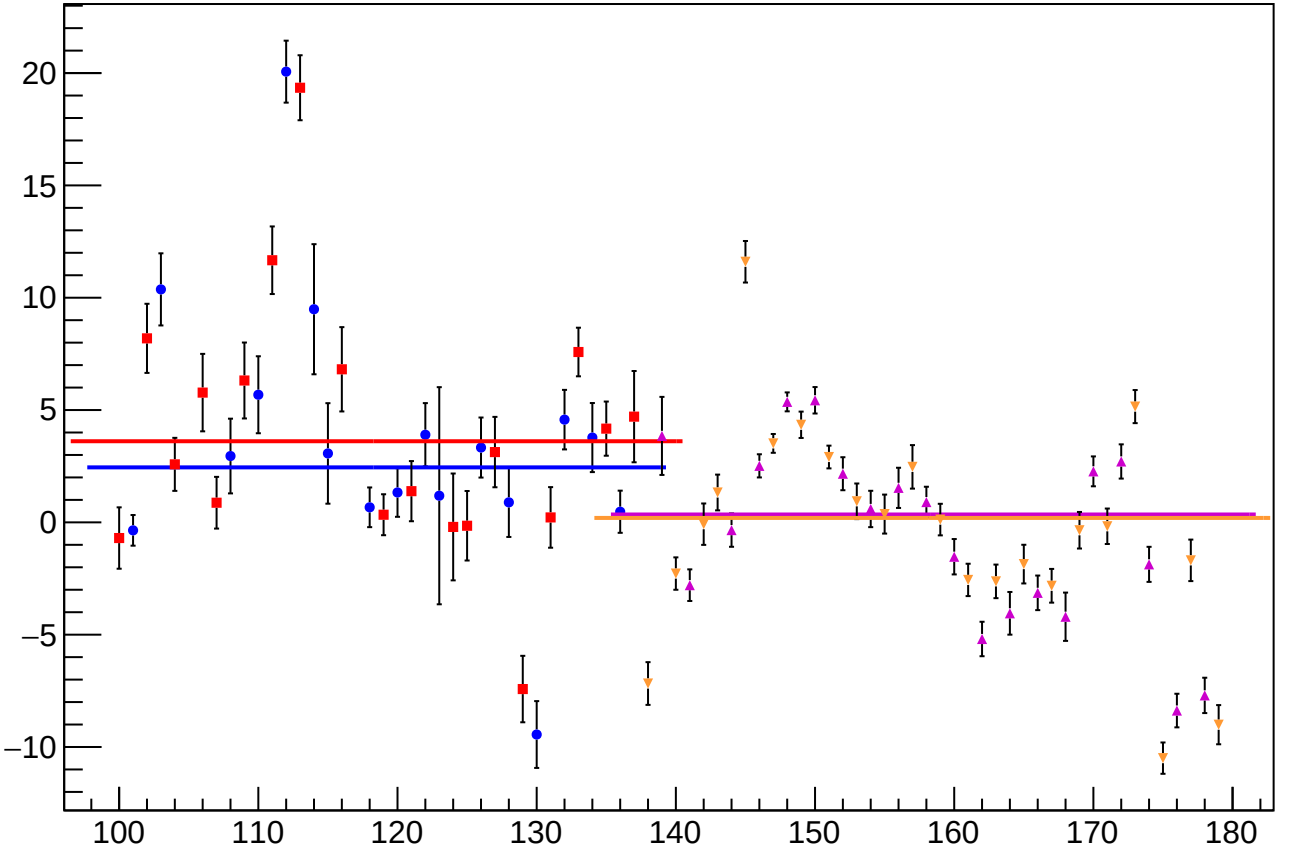
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -29.543+/-0.217 χ^2/NDF:2076.5/19

Out: -29.056+/-0.213 χ^2/NDF:2401.6/21

All: -29.296+/-0.152 χ^2/NDF: 4480.6/41

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: 0.197+/-0.155 χ^2/NDF:821.6/21

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: 0.350+/-0.160 χ^2/NDF:652.2/19

Left: 0.271+/-0.111 χ^2/NDF: 1474.2/41

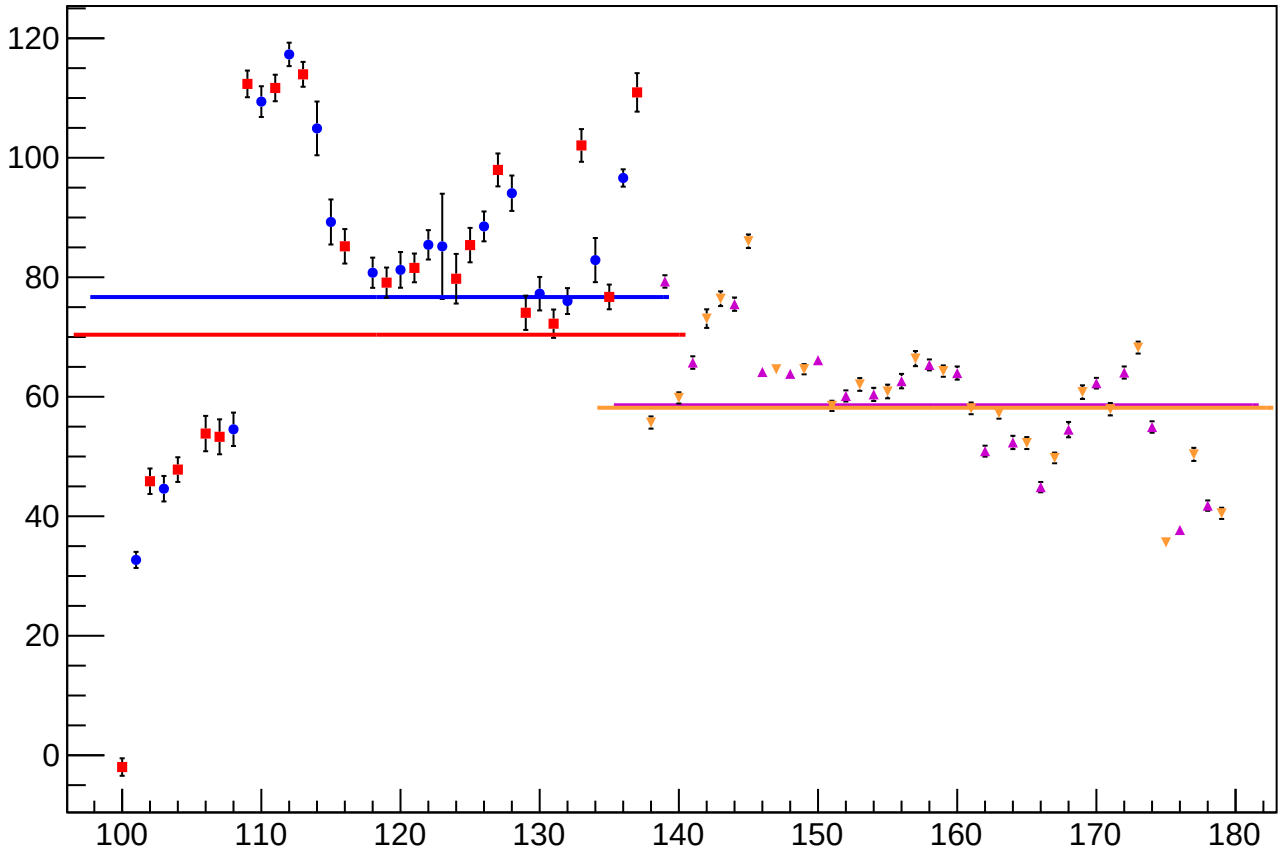
Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: 0.787+/-0.142 χ^2/NDF:981.5/36

Out: 0.849+/-0.139 χ^2/NDF:1194.1/40

All: 0.819+/-0.099 χ^2/NDF: 2175.7/77

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: 58.163+/-0.211 χ^2/NDF:2747.9/21

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 58.573+/-0.214 χ^2/NDF:2435.9/19

Left: 58.366+/-0.150 χ^2/NDF: 5185.6/41

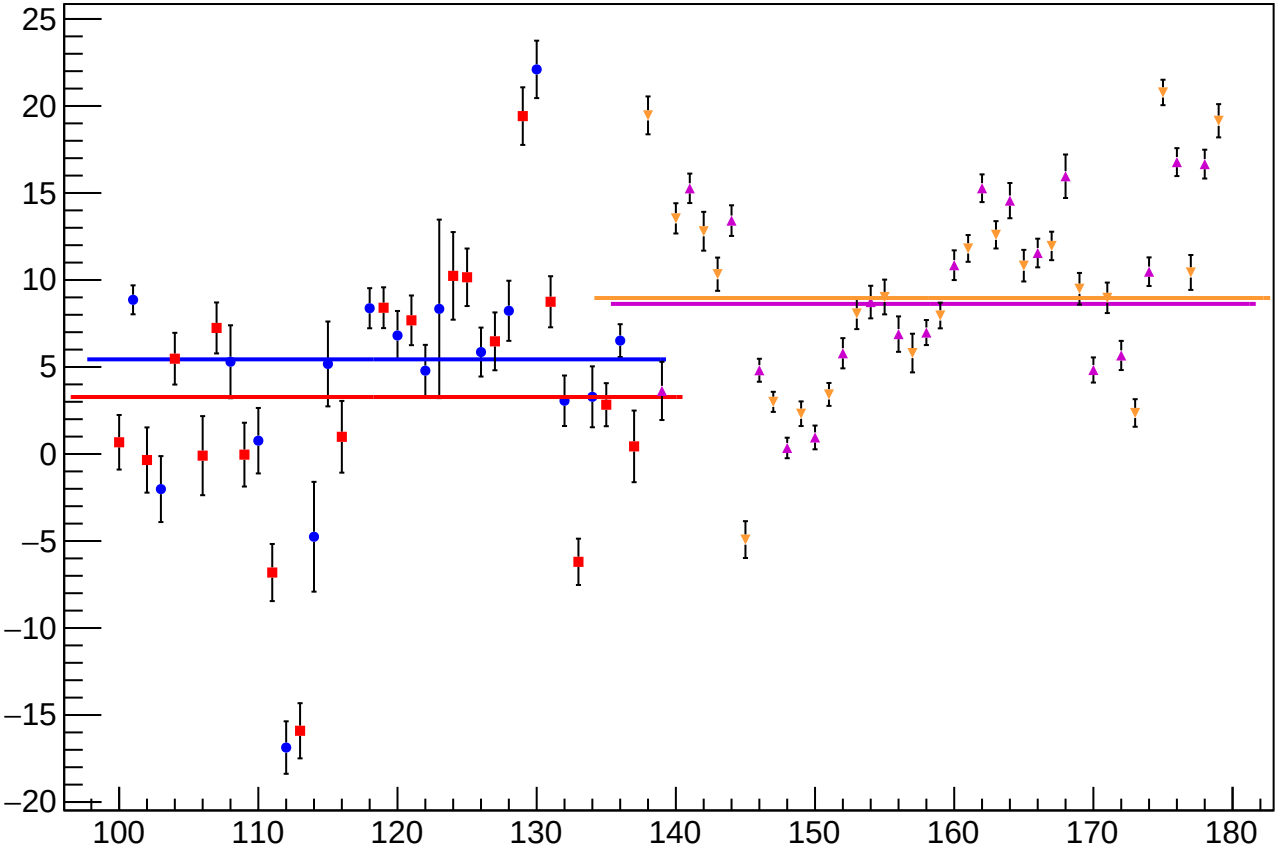
Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 60.781+/-0.200 χ^2/NDF:5576.6/36

Out: 59.733+/-0.197 χ^2/NDF:7569.8/40

All: 60.249+/-0.140 χ^2/NDF: 13160.3/77

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439+/-0.357 χ^2/NDF: 385.9/16

Left Out: 8.965+/-0.179 χ^2/NDF:1082.5/21

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 8.626+/-0.184 χ^2/NDF:875.9/19

Left: 8.800+/-0.128 χ^2/NDF: 1960.2/41

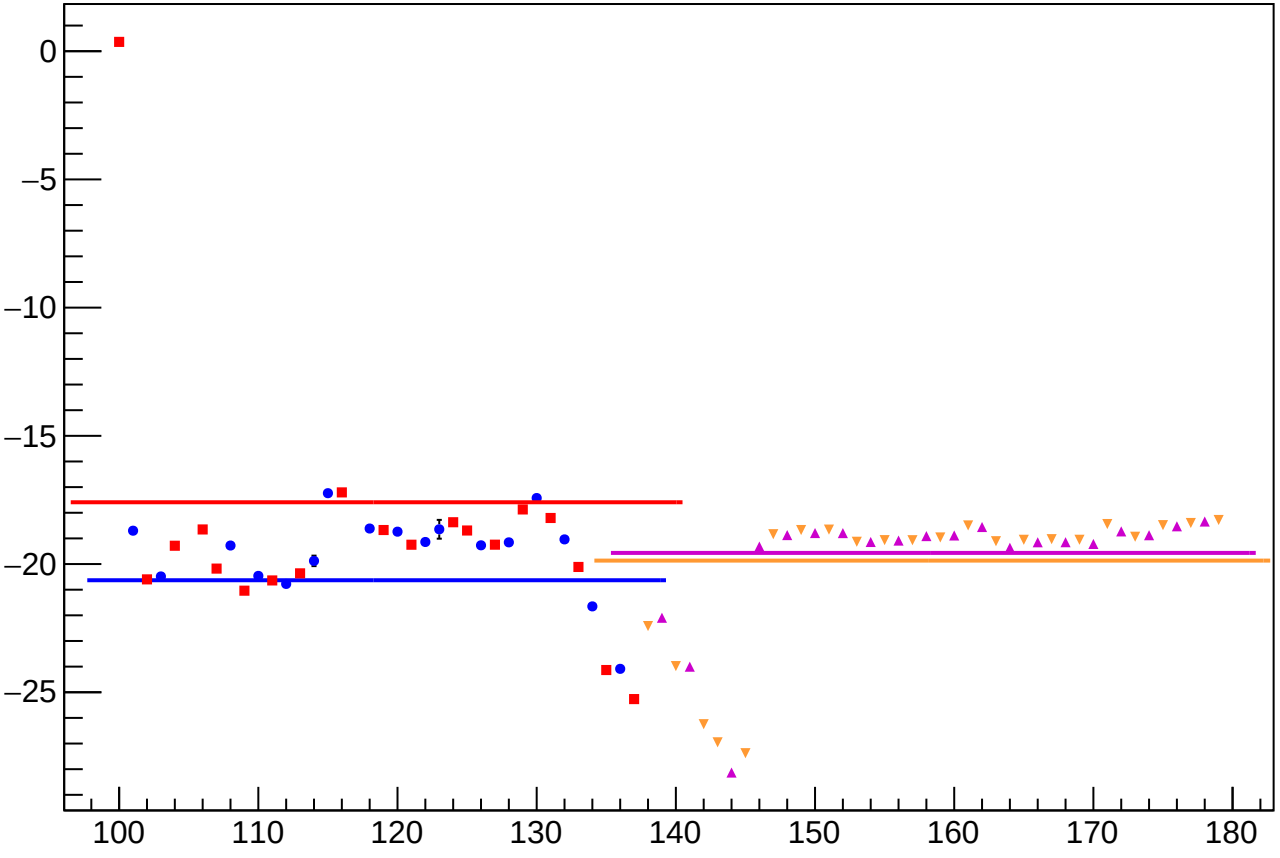
Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 7.960+/-0.163 χ^2/NDF:1324.7/36

Out: 7.864+/-0.161 χ^2/NDF:1704.0/40

All: 7.911+/-0.115 χ^2/NDF: 3028.8/77

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: -19.865+/-0.008 χ^2/NDF:86791.6/21

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -19.565+/-0.009 χ^2/NDF:52569.6/19

Left: -19.716+/-0.006 χ^2/NDF: 139984.1/41

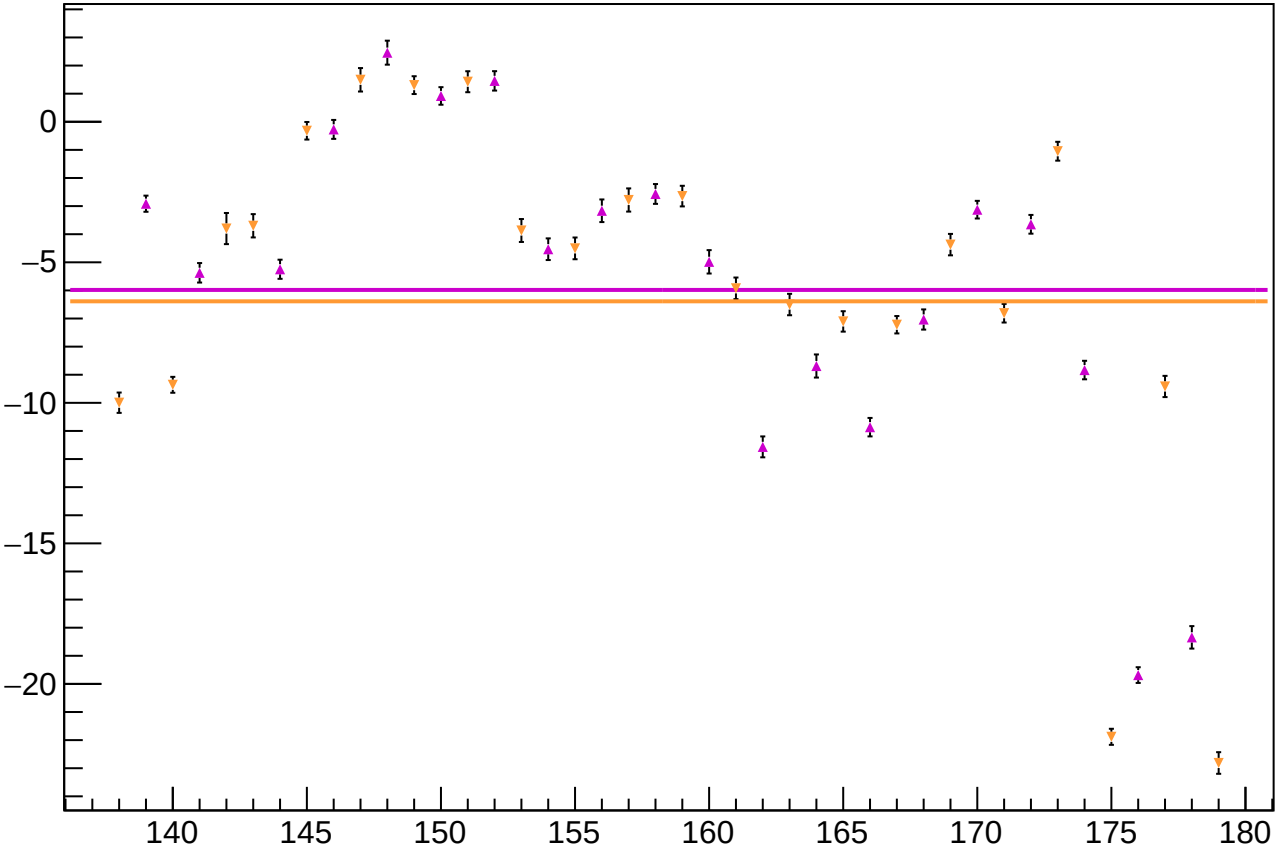
Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -19.739+/-0.008 χ^2/NDF:67656.8/36

Out: -19.453+/-0.008 χ^2/NDF:278526.7/40

All: -19.594+/-0.005 χ^2/NDF: 346869.1/77

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: -6.388+/-0.076 χ^2/NDF:7399.8/21

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

Left In: -5.983+/-0.078 χ^2/NDF:5979.3/19

Left: -6.188+/-0.054 χ^2/NDF: 13392.9/41

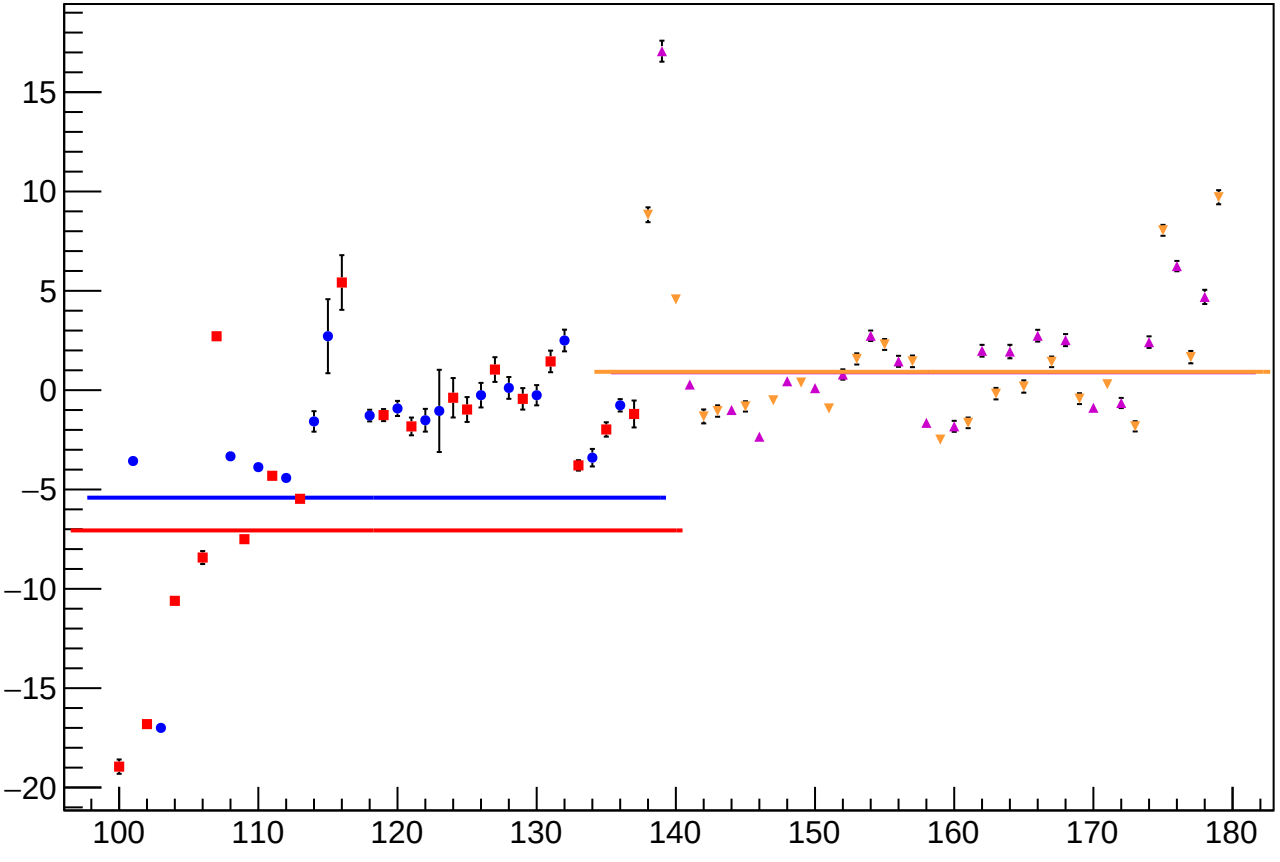
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.983+/-0.078 χ^2/NDF:5979.3/19

Out: -6.388+/-0.076 χ^2/NDF:7399.8/21

All: -6.188+/-0.054 χ^2/NDF: 13392.9/41

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.411+/-0.055 χ^2/NDF: 9261.2/16

Left Out: 0.924+/-0.057 χ^2/NDF:2708.3/21

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 0.900+/-0.059 χ^2/NDF:2253.4/19

Left: 0.912+/-0.041 χ^2/NDF: 4961.8/41

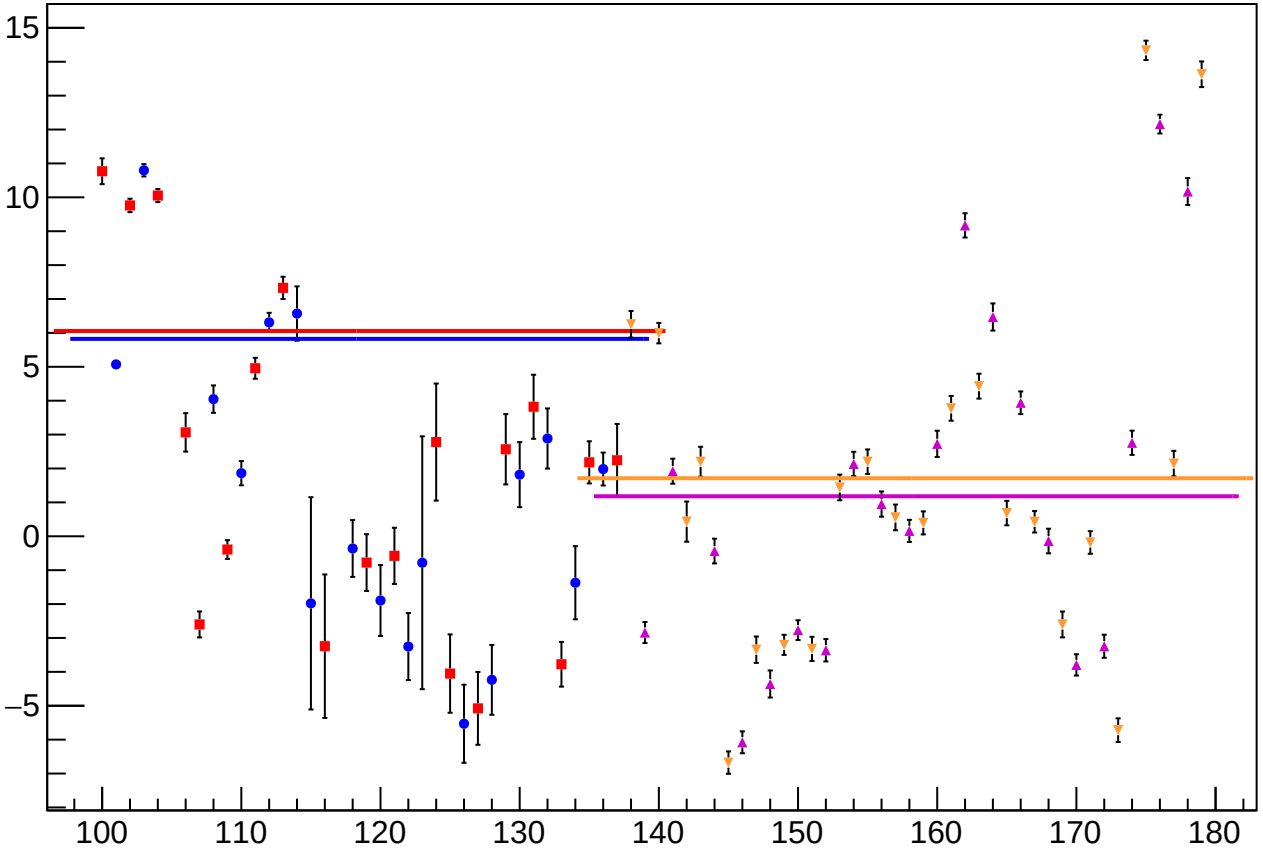
Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -2.503+/-0.040 χ^2/NDF:17639.1/36

Out: -2.925+/-0.041 χ^2/NDF:24510.5/40

All: -2.710+/-0.029 χ^2/NDF: 42203.4/77

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 1.713+/-0.076 χ^2/NDF:5326.6/21

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: 1.181+/-0.077 χ^2/NDF:4573.2/19

Left: 1.450+/-0.054 χ^2/NDF: 9924.1/41

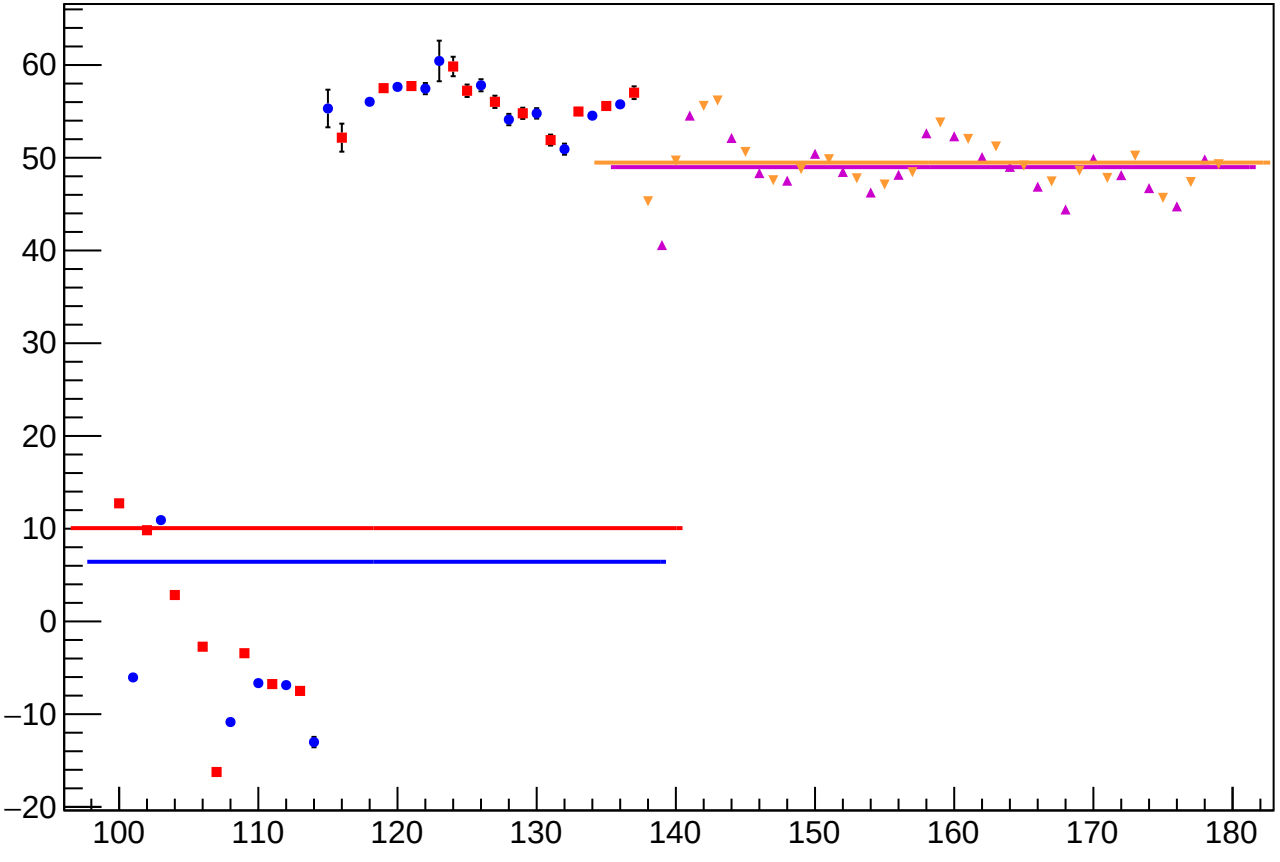
Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 3.147+/-0.058 χ^2/NDF:7574.3/36

Out: 3.442+/-0.059 χ^2/NDF:9299.4/40

All: 3.293+/-0.041 χ^2/NDF: 16886.4/77

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: 49.478+/-0.065 χ^2/NDF:1539.6/21

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 48.988+/-0.067 χ^2/NDF:1752.4/19

Left: 49.240+/-0.047 χ^2/NDF: 3319.4/41

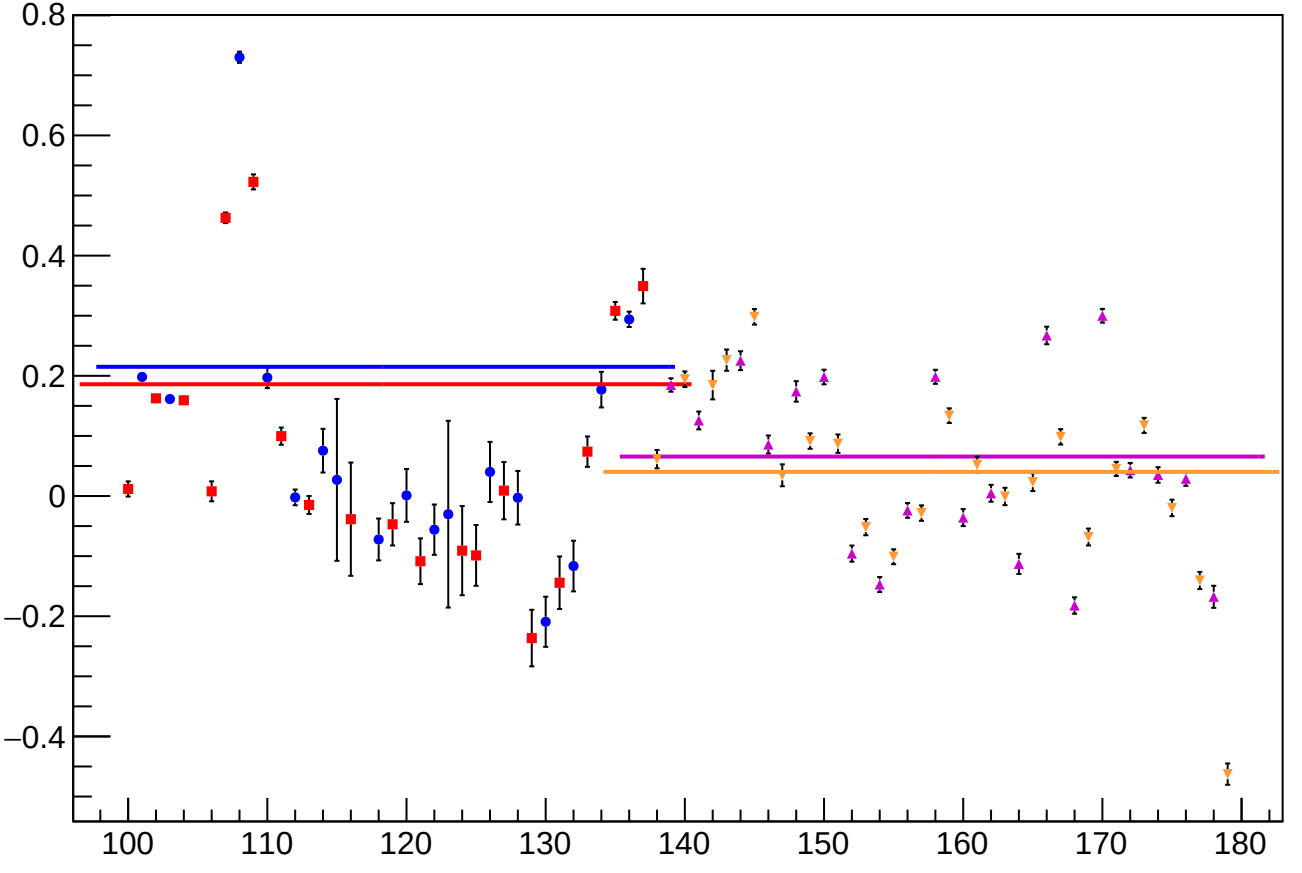
Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 26.926+/-0.047 χ^2/NDF:333582.5/36

Out: 31.134+/-0.048 χ^2/NDF:294140.5/40

All: 28.986+/-0.033 χ^2/NDF: 631716.5/77

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: 0.040+/-0.003 χ^2/NDF:2083.2/21

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.066+/-0.003 χ^2/NDF:2311.7/19

Left: 0.053+/-0.002 χ^2/NDF: 4431.2/41

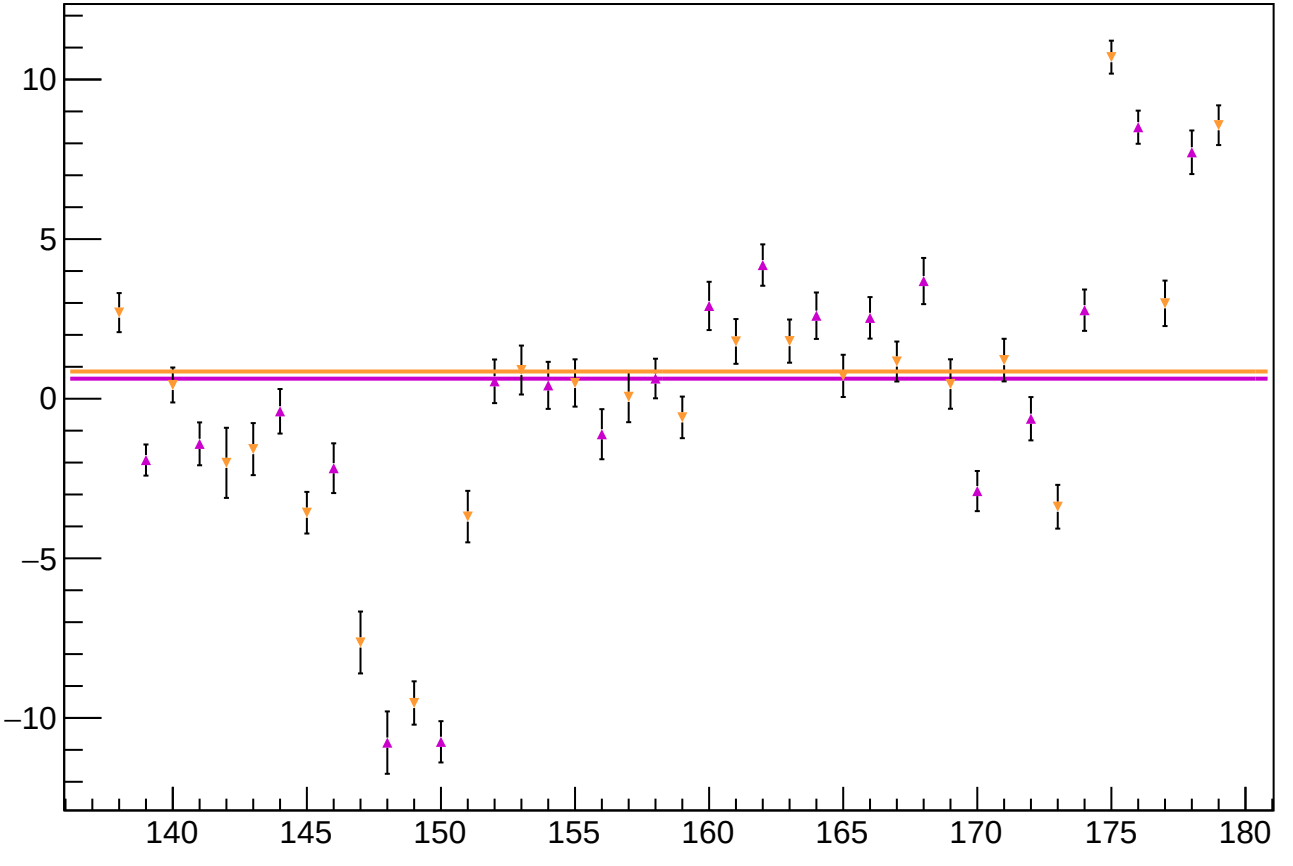
Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.146+/-0.002 χ^2/NDF:7581.9/36

Out: 0.121+/-0.002 χ^2/NDF:6119.9/40

All: 0.133+/-0.001 χ^2/NDF: 13781.6/77

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 0.853+/-0.147 χ^2/NDF:989.3/21

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

Left In: 0.628+/-0.149 χ^2/NDF:959.6/19

Left: 0.742+/-0.105 χ^2/NDF: 1950.1/41

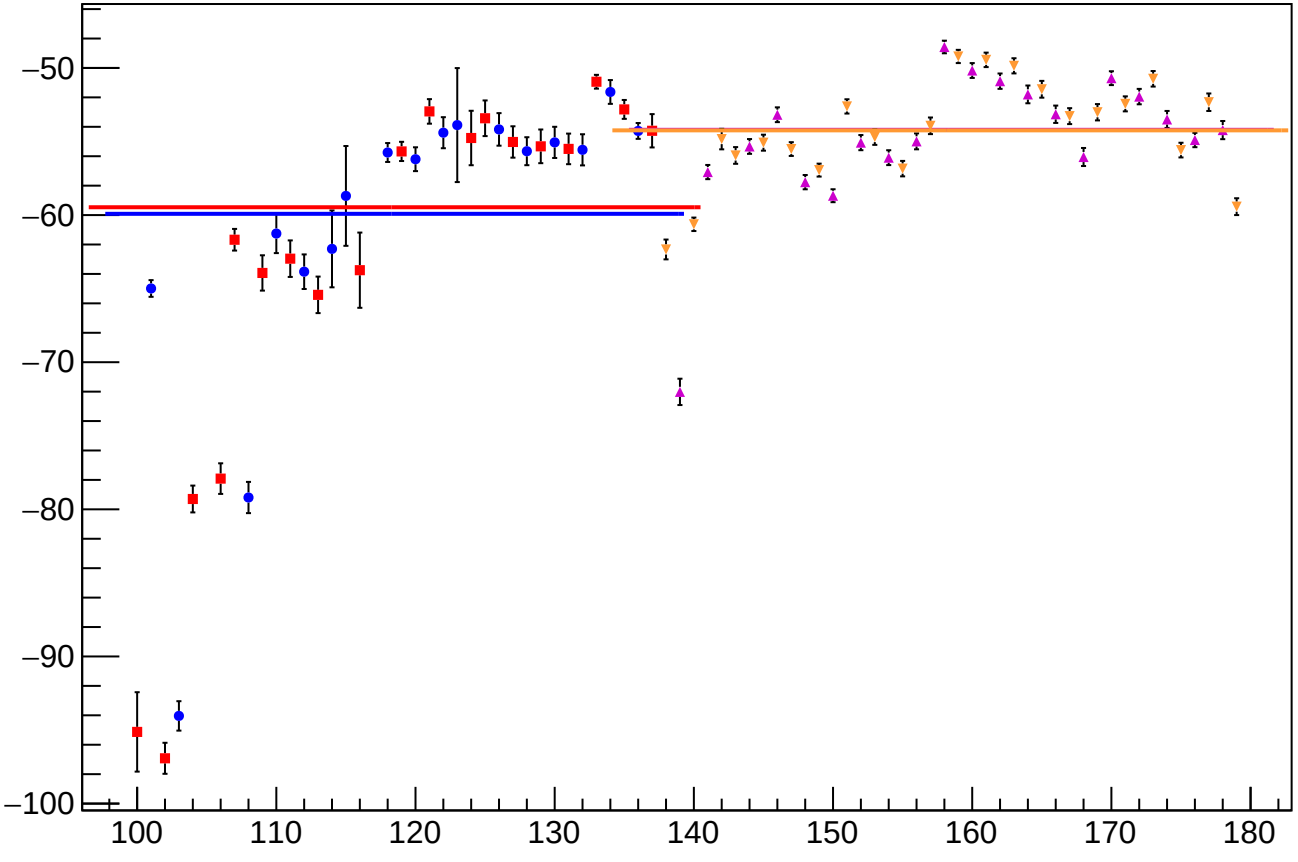
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.628+/-0.149 χ^2/NDF:959.6/19

Out: 0.853+/-0.147 χ^2/NDF:989.3/21

All: 0.742+/-0.105 χ^2/NDF: 1950.1/41

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: -54.242+/-0.112 χ^2/NDF:913.9/21

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -54.205+/-0.117 χ^2/NDF:998.9/19

Left: -54.224+/-0.081 χ^2/NDF: 1912.8/41

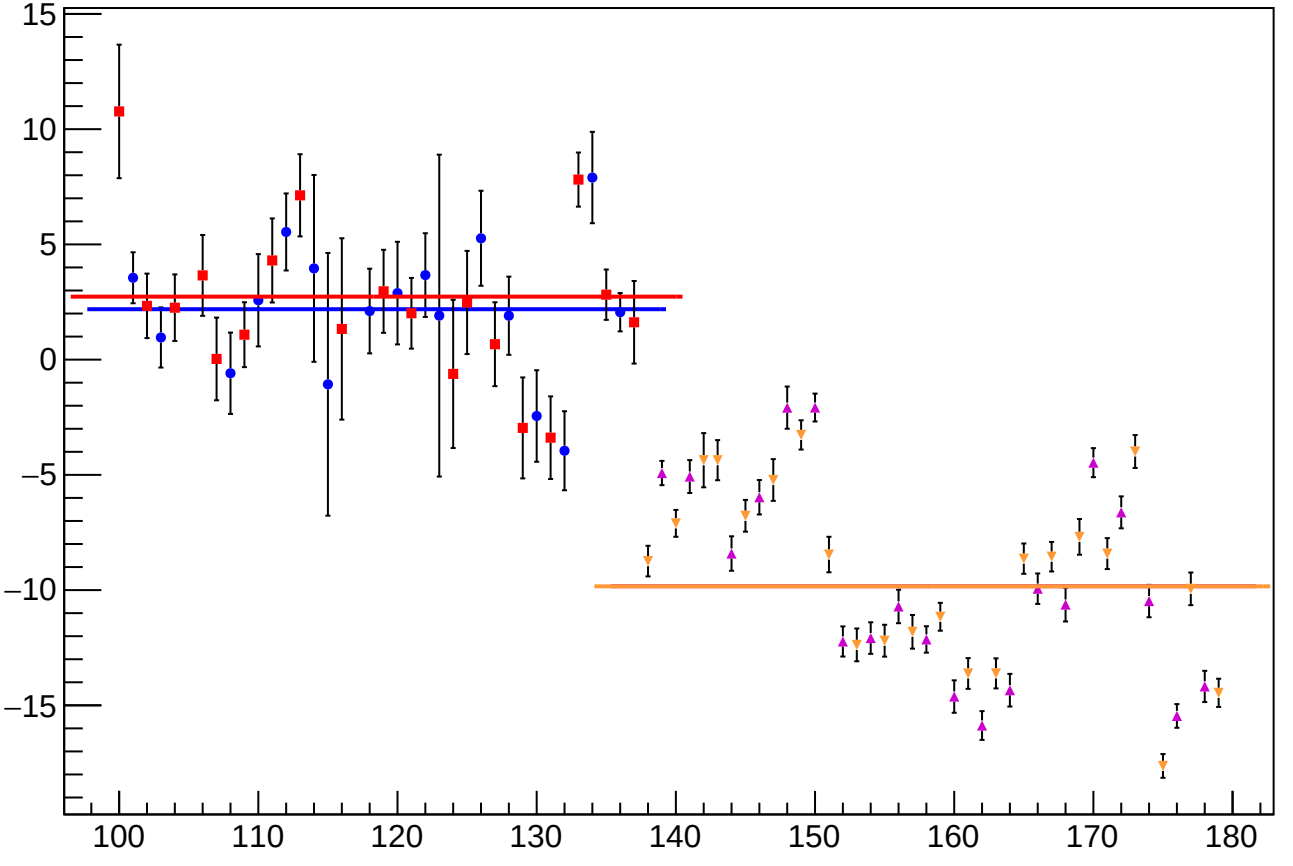
Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -55.435+/-0.104 χ^2/NDF:3492.7/36

Out: -55.382+/-0.099 χ^2/NDF:4301.4/40

All: -55.407+/-0.072 χ^2/NDF: 7794.3/77

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.188+/-0.404 χ^2/NDF: 39.1/16

Left Out: -9.836+/-0.146 χ^2/NDF:716.4/21

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -9.832+/-0.148 χ^2/NDF:877.3/19

Left: -9.834+/-0.104 χ^2/NDF: 1593.6/41

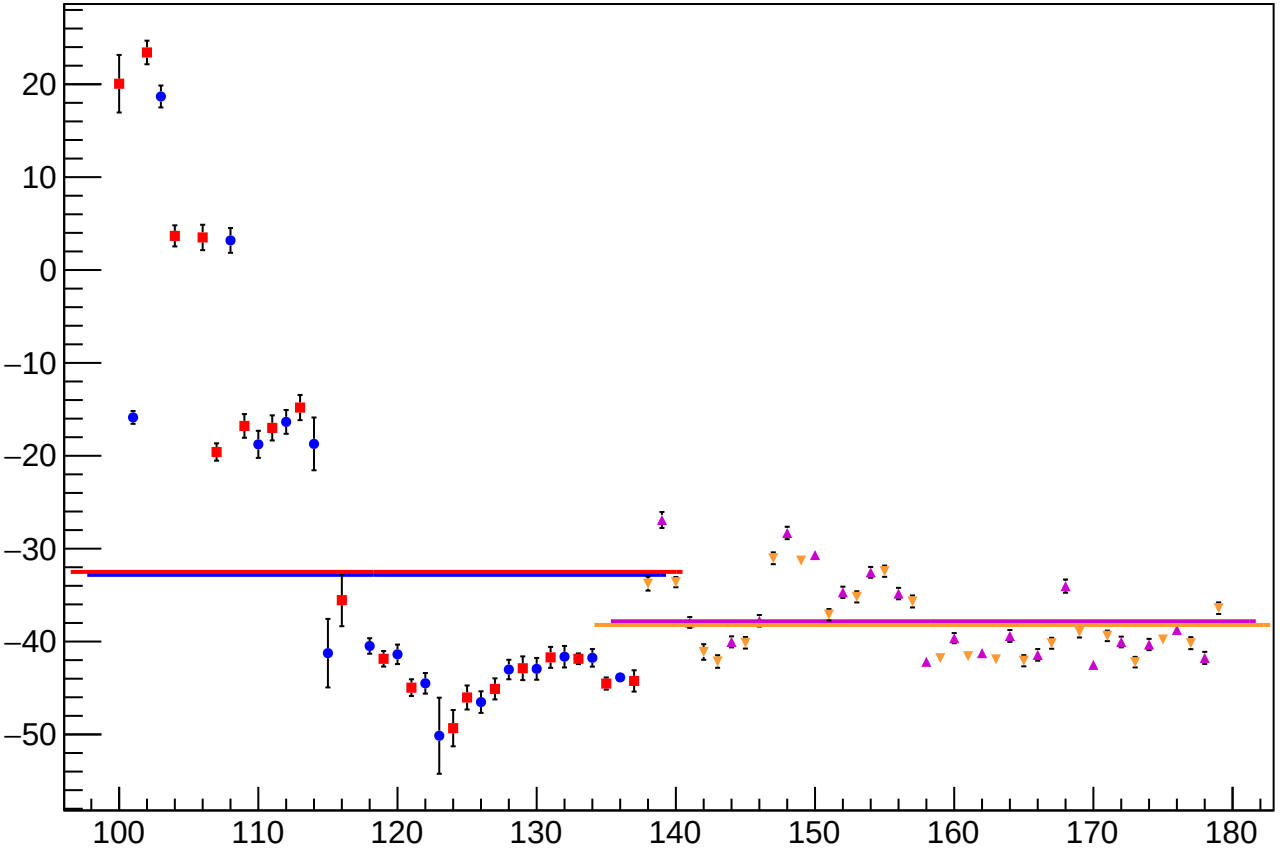
Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -8.415+/-0.139 χ^2/NDF:1696.8/36

Out: -8.278+/-0.136 χ^2/NDF:1696.4/40

All: -8.345+/-0.097 χ^2/NDF: 3393.7/77

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -38.213+/-0.127 χ^2/NDF:873.5/21

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -37.821+/-0.131 χ^2/NDF:1070.3/19

Left: -38.024+/-0.091 χ^2/NDF: 1948.4/41

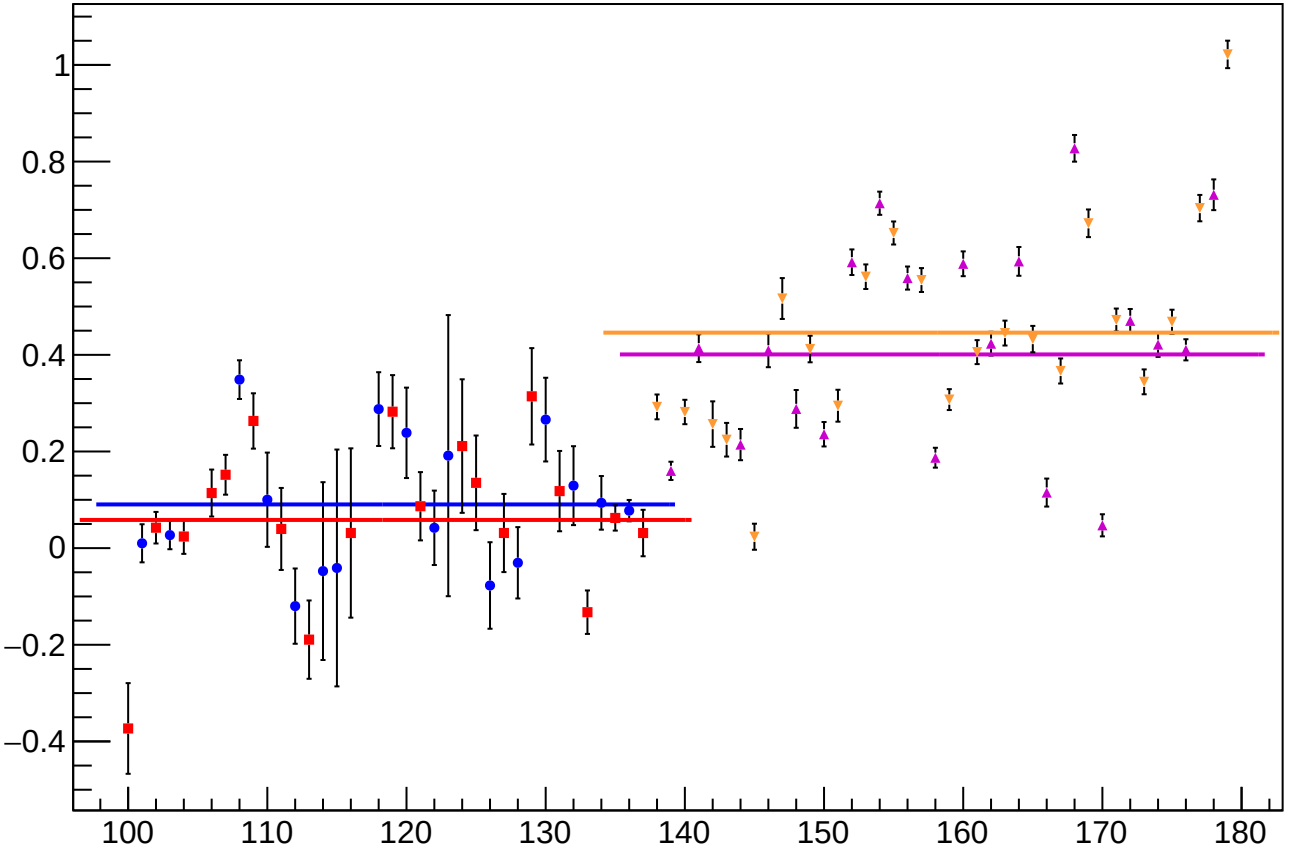
Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -36.770+/-0.116 χ^2/NDF:6043.5/36

Out: -37.001+/-0.112 χ^2/NDF:7343.3/40

All: -36.889+/-0.081 χ^2/NDF: 13388.8/77

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: 0.446+/-0.006 χ^2/NDF:1153.2/21

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.401+/-0.006 χ^2/NDF:1408.3/19

Left: 0.423+/-0.004 χ^2/NDF: 2592.4/41

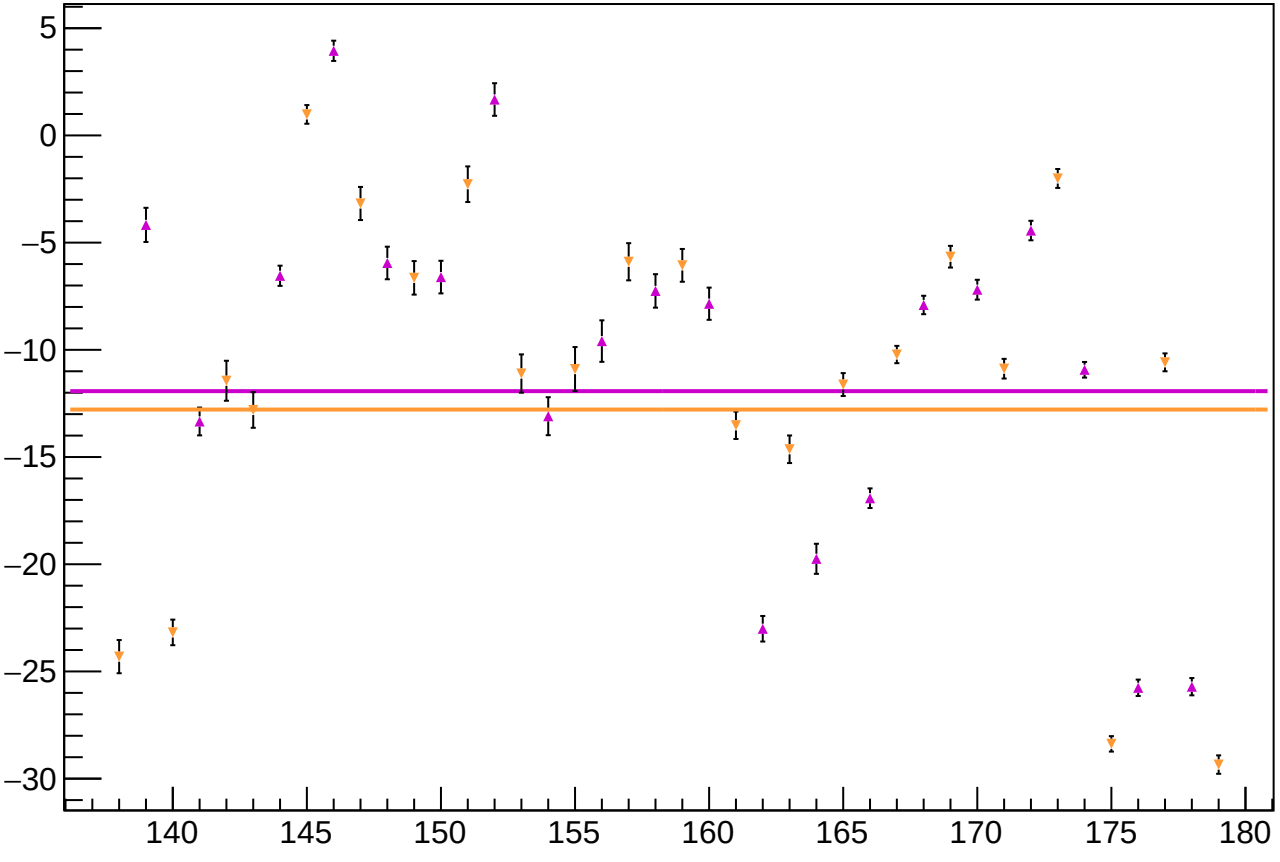
Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.348+/-0.005 χ^2/NDF:1982.2/36

Out: 0.375+/-0.005 χ^2/NDF:2072.9/40

All: 0.362+/-0.004 χ^2/NDF: 4068.3/77

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -12.785+/-0.120 χ^2/NDF:6298.0/21

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

Left In: -11.927+/-0.120 χ^2/NDF:5406.8/19

Left: -12.357+/-0.085 χ^2/NDF: 11730.3/41

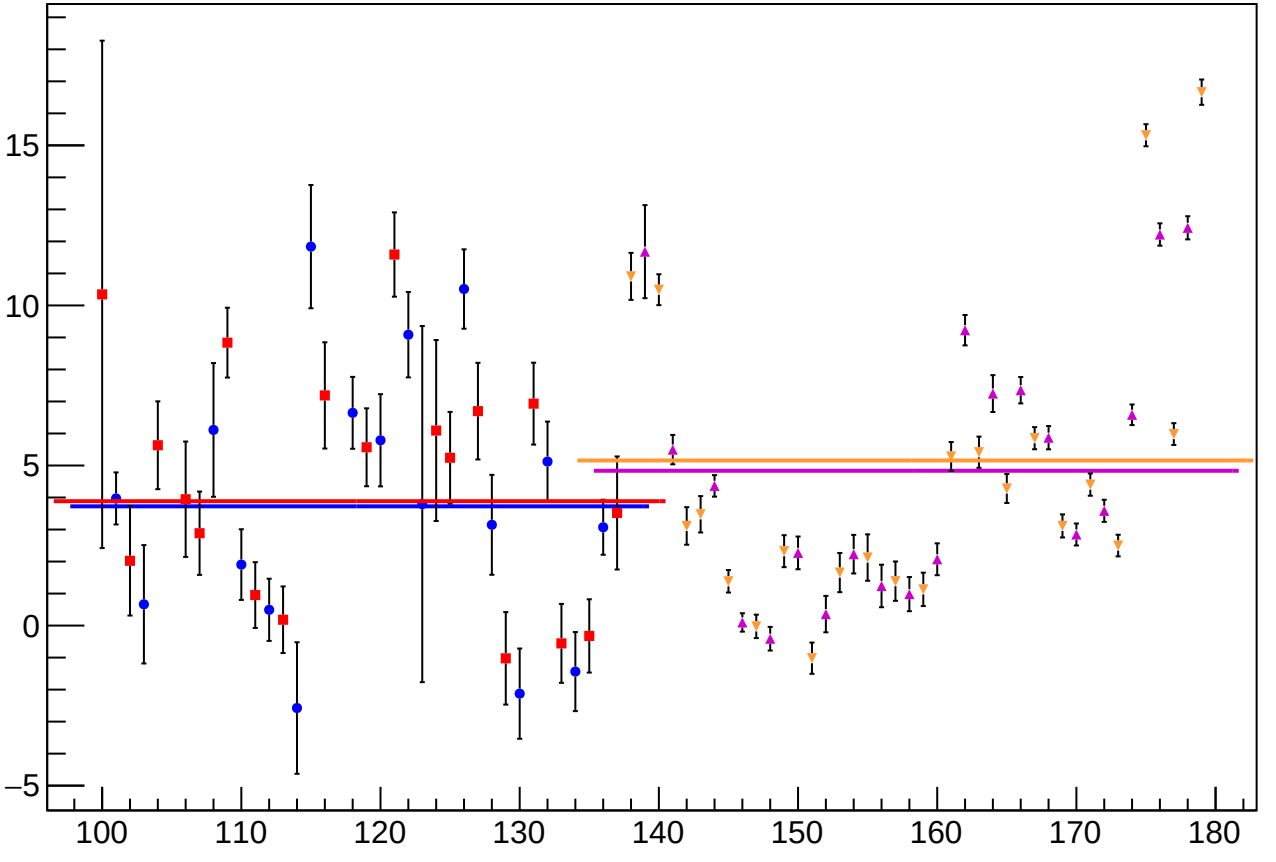
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.927+/-0.120 χ^2/NDF:5406.8/19

Out: -12.785+/-0.120 χ^2/NDF:6298.0/21

All: -12.357+/-0.085 χ^2/NDF: 11730.3/41

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: 5.158+/-0.092 χ^2/NDF:2688.6/21

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 4.836+/-0.093 χ^2/NDF:1831.3/19

Left: 4.998+/-0.065 χ^2/NDF: 4525.9/41

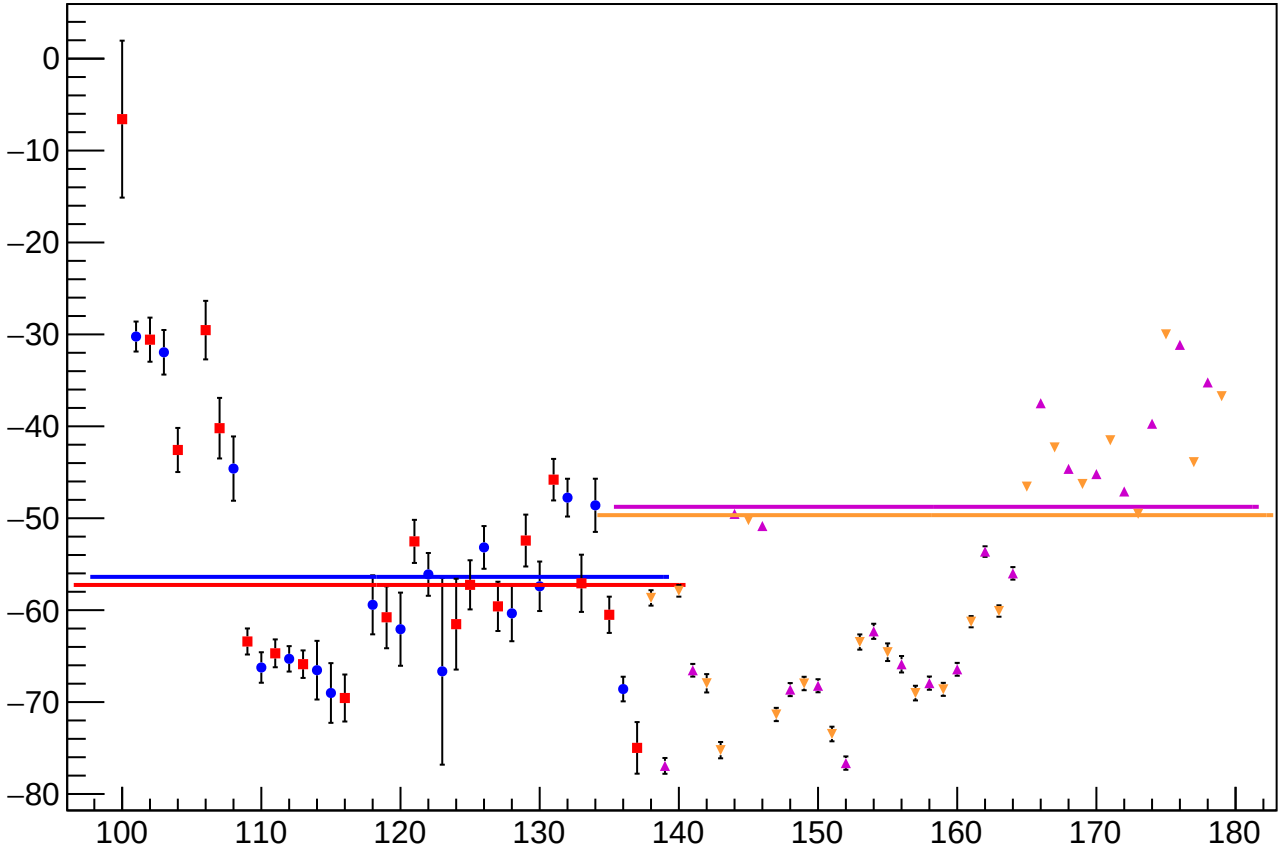
Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 4.744+/-0.089 χ^2/NDF:1979.9/36

Out: 5.058+/-0.089 χ^2/NDF:2837.9/40

All: 4.901+/-0.063 χ^2/NDF: 4824.1/77

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: -49.665+/-0.120 χ^2/NDF:11134.9/21

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -48.757+/-0.121 χ^2/NDF:11517.4/19

Left: -49.213+/-0.085 χ^2/NDF: 22680.8/41

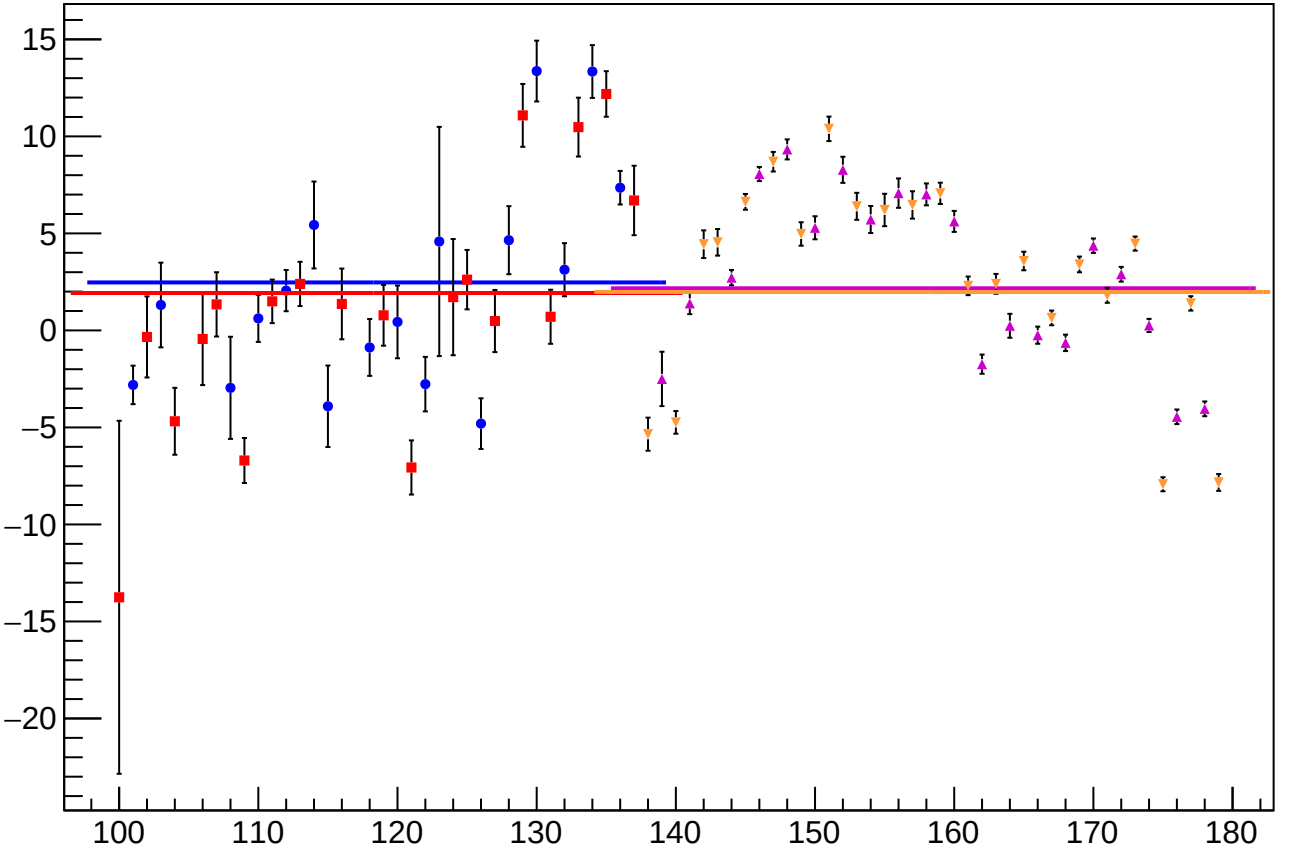
Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -49.117+/-0.118 χ^2/NDF:12293.3/36

Out: -50.028+/-0.117 χ^2/NDF:11802.2/40

All: -49.574+/-0.083 χ^2/NDF: 24125.6/77

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: 1.982+/-0.104 χ^2/NDF:2283.9/21

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 2.171+/-0.105 χ^2/NDF:1553.9/19

Left: 2.076+/-0.074 χ^2/NDF: 3839.5/41

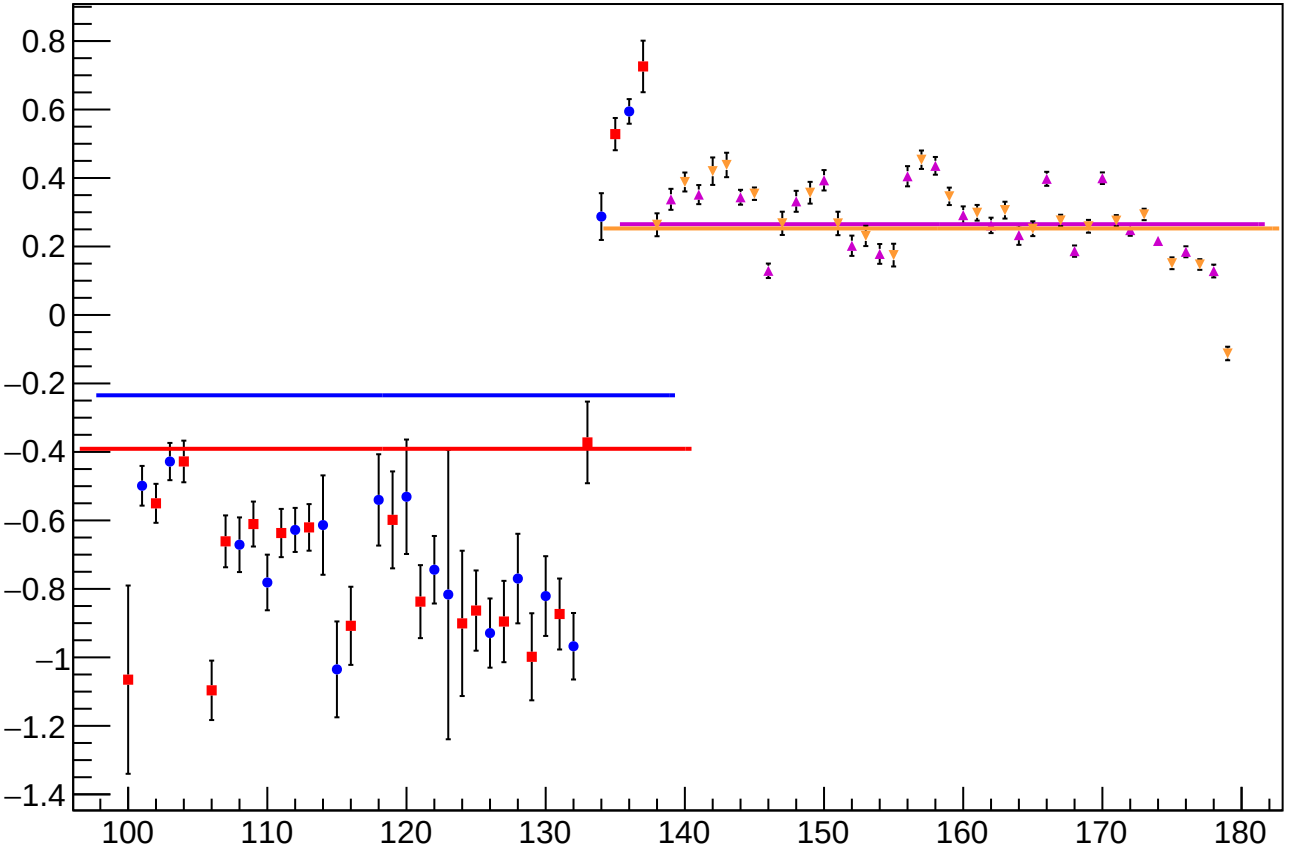
Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 2.196+/-0.100 χ^2/NDF:1798.2/36

Out: 1.978+/-0.100 χ^2/NDF:2550.6/40

All: 2.087+/-0.071 χ^2/NDF: 4351.2/77

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: 0.253+/-0.005 χ^2/NDF:626.5/21

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.265+/-0.005 χ^2/NDF:393.5/19

Left: 0.259+/-0.003 χ^2/NDF: 1023.3/41

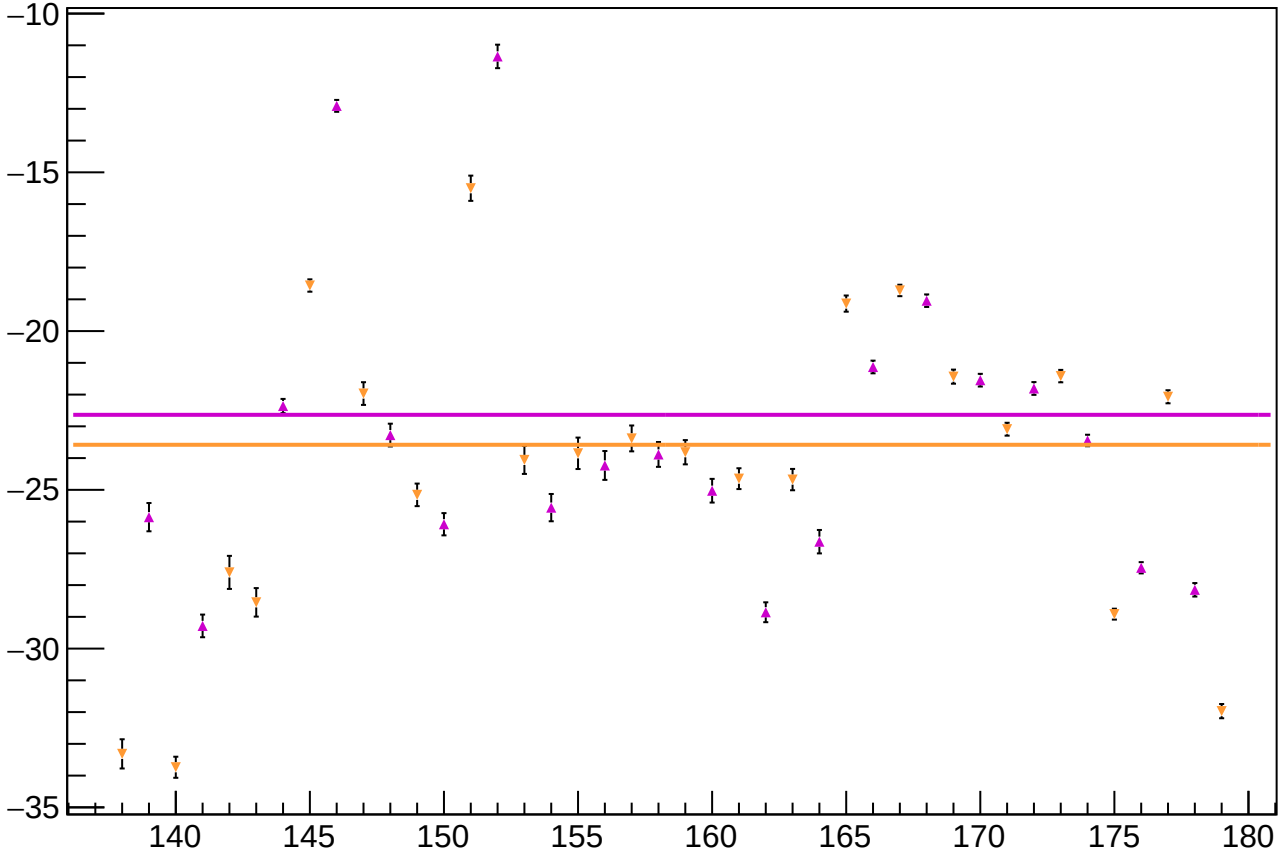
Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.235+/-0.005 χ^2/NDF:2010.2/36

Out: 0.214+/-0.005 χ^2/NDF:2563.3/40

All: 0.224+/-0.003 χ^2/NDF: 4583.2/77

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.581+/-0.057 χ^2/NDF:6375.4/21

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

Left In: -22.637+/-0.057 χ^2/NDF:6615.1/19

Left: -23.105+/-0.040 χ^2/NDF: 13127.5/41

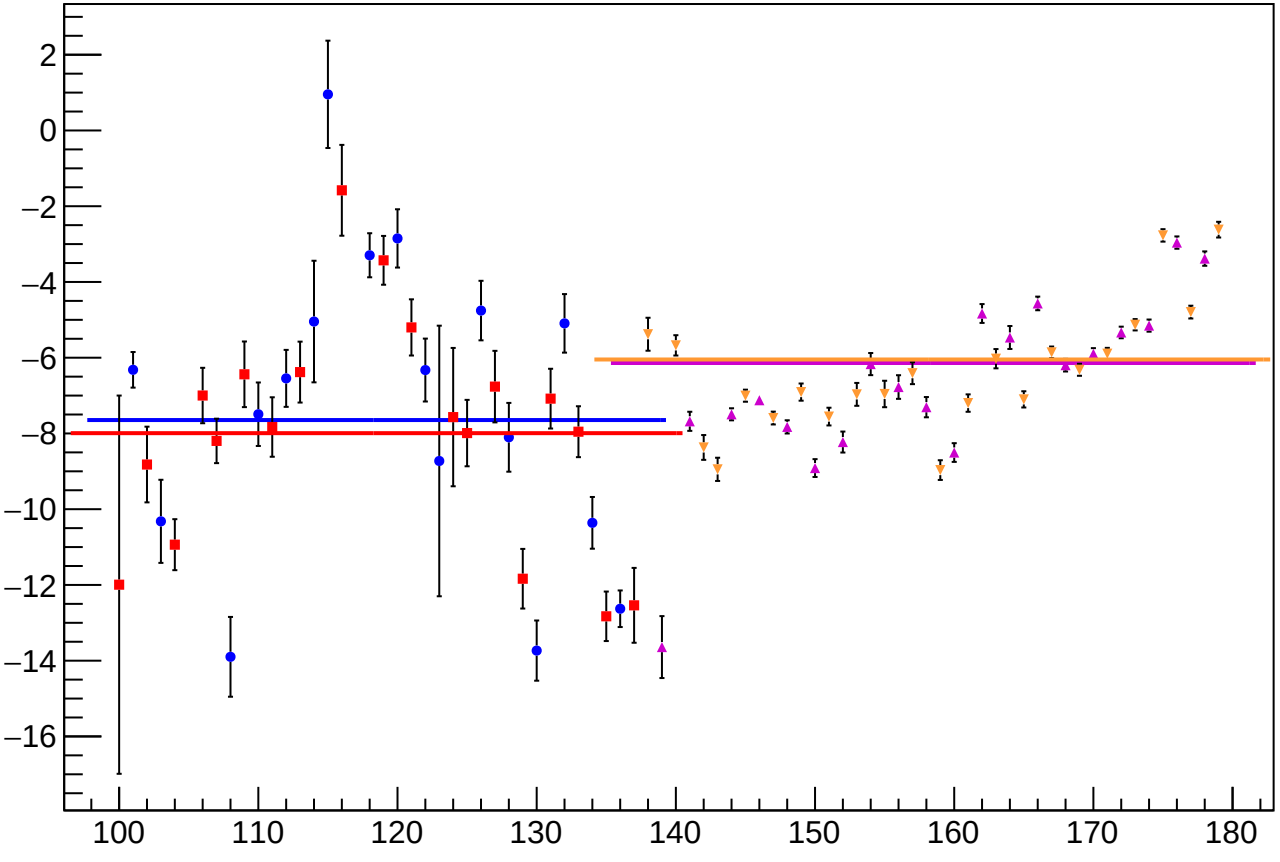
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.637+/-0.057 χ^2/NDF:6615.1/19

Out: -23.581+/-0.057 χ^2/NDF:6375.4/21

All: -23.105+/-0.040 χ^2/NDF: 13127.5/41

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.646+/-0.186 χ^2/NDF: 393.6/16

Left Out: -6.047+/-0.044 χ^2/NDF:1280.2/21

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -6.140+/-0.043 χ^2/NDF:1437.7/19

Left: -6.094+/-0.031 χ^2/NDF: 2720.1/41

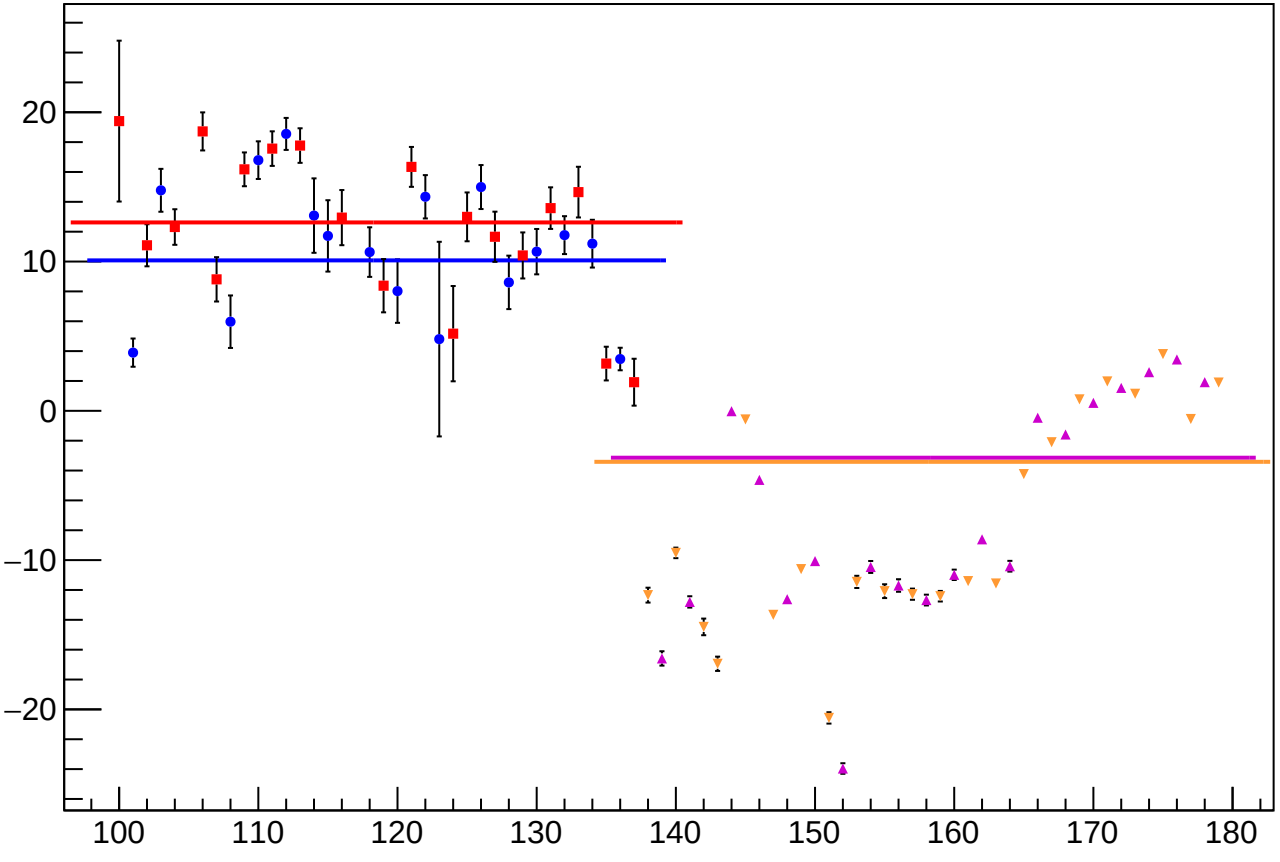
Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -6.218+/-0.042 χ^2/NDF:1893.7/36

Out: -6.150+/-0.043 χ^2/NDF:1609.4/40

All: -6.184+/-0.030 χ^2/NDF: 3504.4/77

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: -3.416+/-0.057 χ^2/NDF:12810.9/21

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -3.141+/-0.057 χ^2/NDF:12974.7/19

Left: -3.277+/-0.040 χ^2/NDF: 25797.2/41

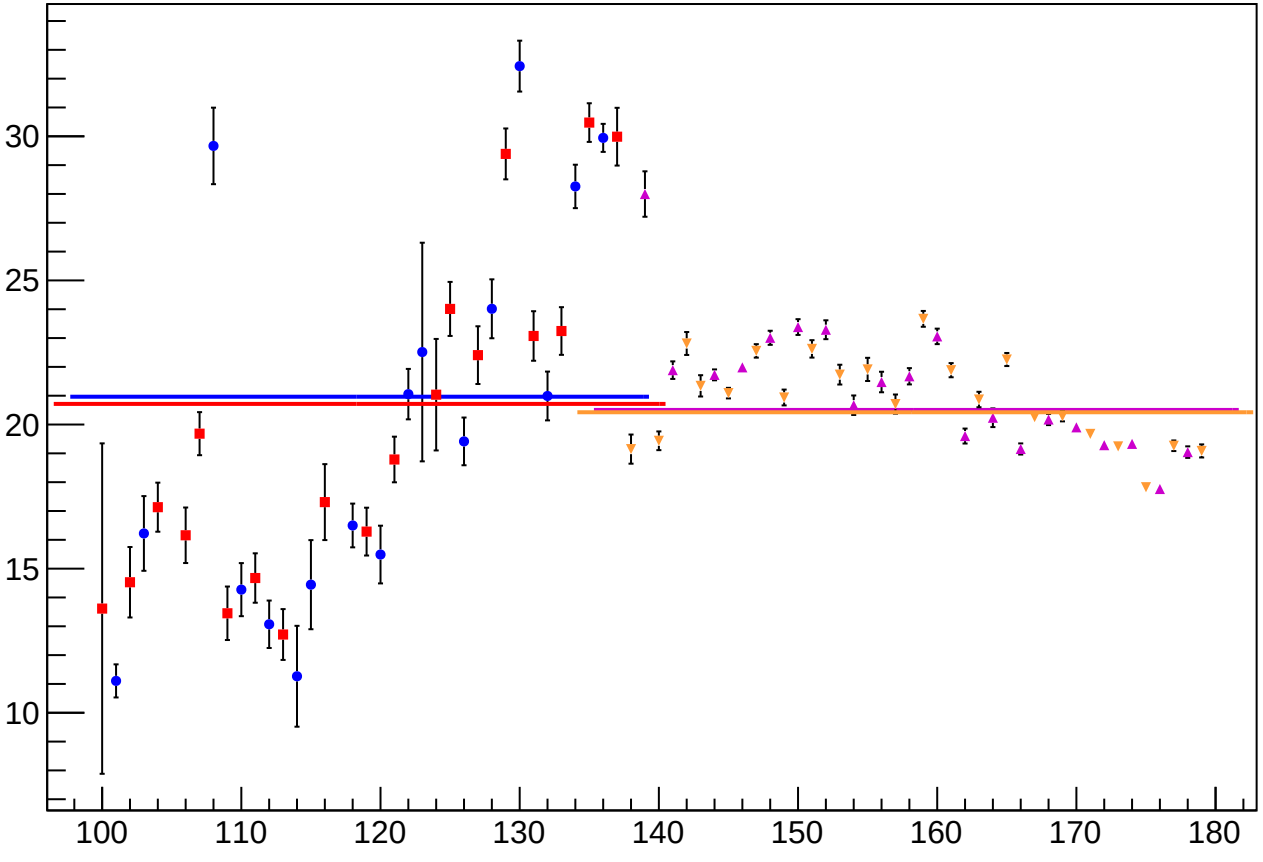
Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -2.776+/-0.056 χ^2/NDF:14725.5/36

Out: -2.954+/-0.056 χ^2/NDF:15290.6/40

All: -2.864+/-0.040 χ^2/NDF: 30021.0/77

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: 20.426+/-0.050 χ^2/NDF:857.2/21

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 20.507+/-0.049 χ^2/NDF:1135.4/19

Left: 20.467+/-0.035 χ^2/NDF: 1993.9/41

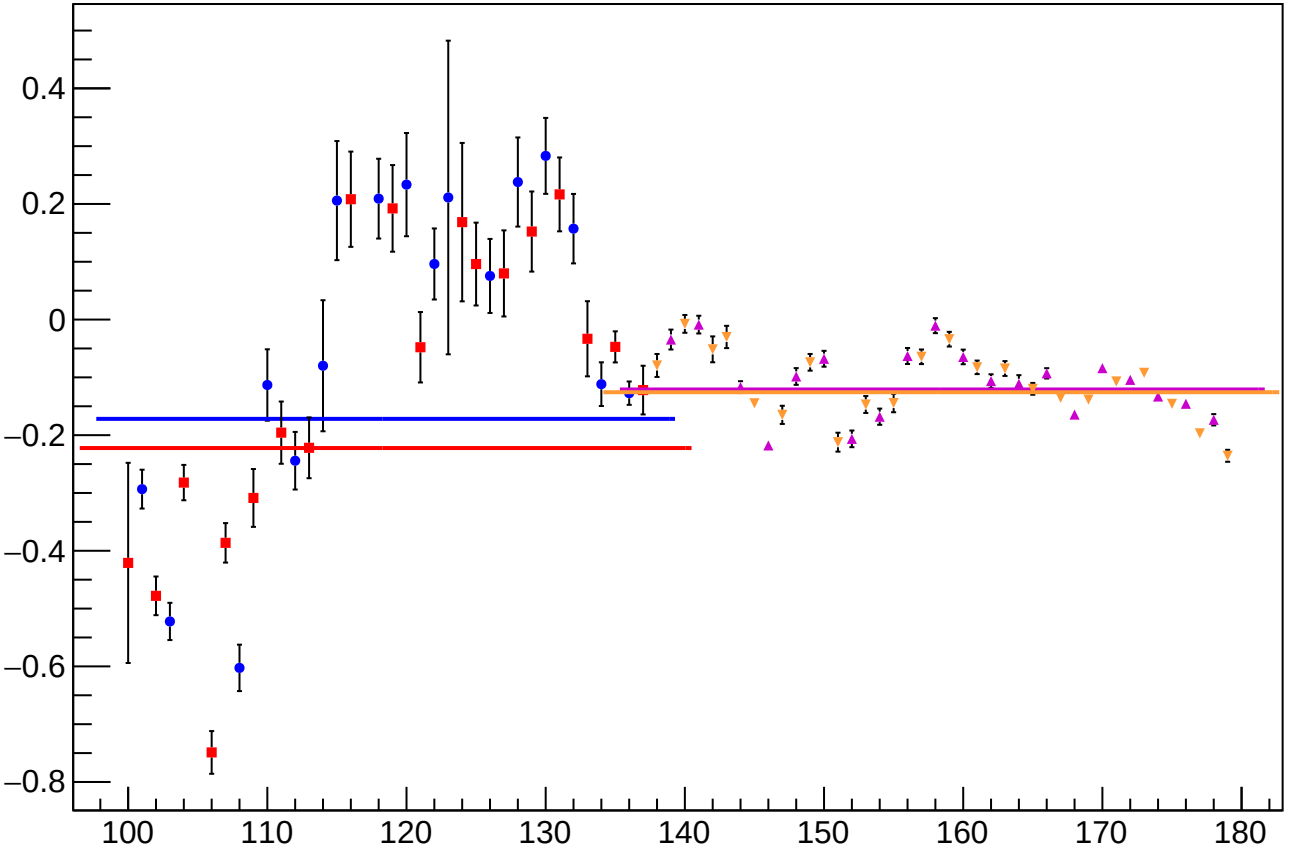
Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 20.531+/-0.048 χ^2/NDF:2365.4/36

Out: 20.441+/-0.048 χ^2/NDF:1588.8/40

All: 20.486+/-0.034 χ^2/NDF: 3956.0/77

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: -0.126+/-0.002 χ^2/NDF:490.6/21

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.121+/-0.002 χ^2/NDF:501.6/19

Left: -0.123+/-0.002 χ^2/NDF: 994.3/41

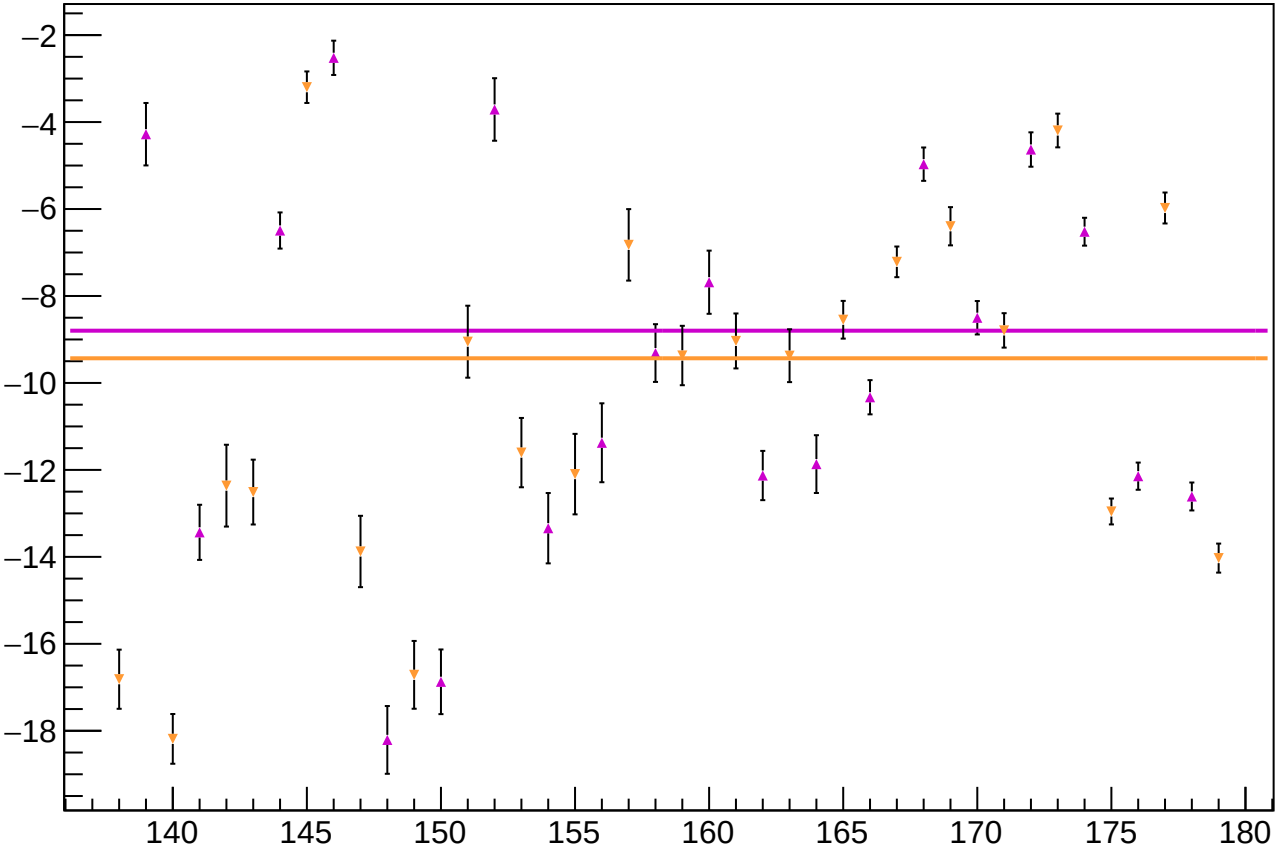
Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.123+/-0.002 χ^2/NDF:985.6/36

Out: -0.130+/-0.002 χ^2/NDF:1101.3/40

All: -0.126+/-0.002 χ^2/NDF: 2091.5/77

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.433+/-0.104 χ^2/NDF:1517.3/21

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

Left In: -8.798+/-0.105 χ^2/NDF:1321.3/19

Left: -9.118+/-0.074 χ^2/NDF: 2857.0/41

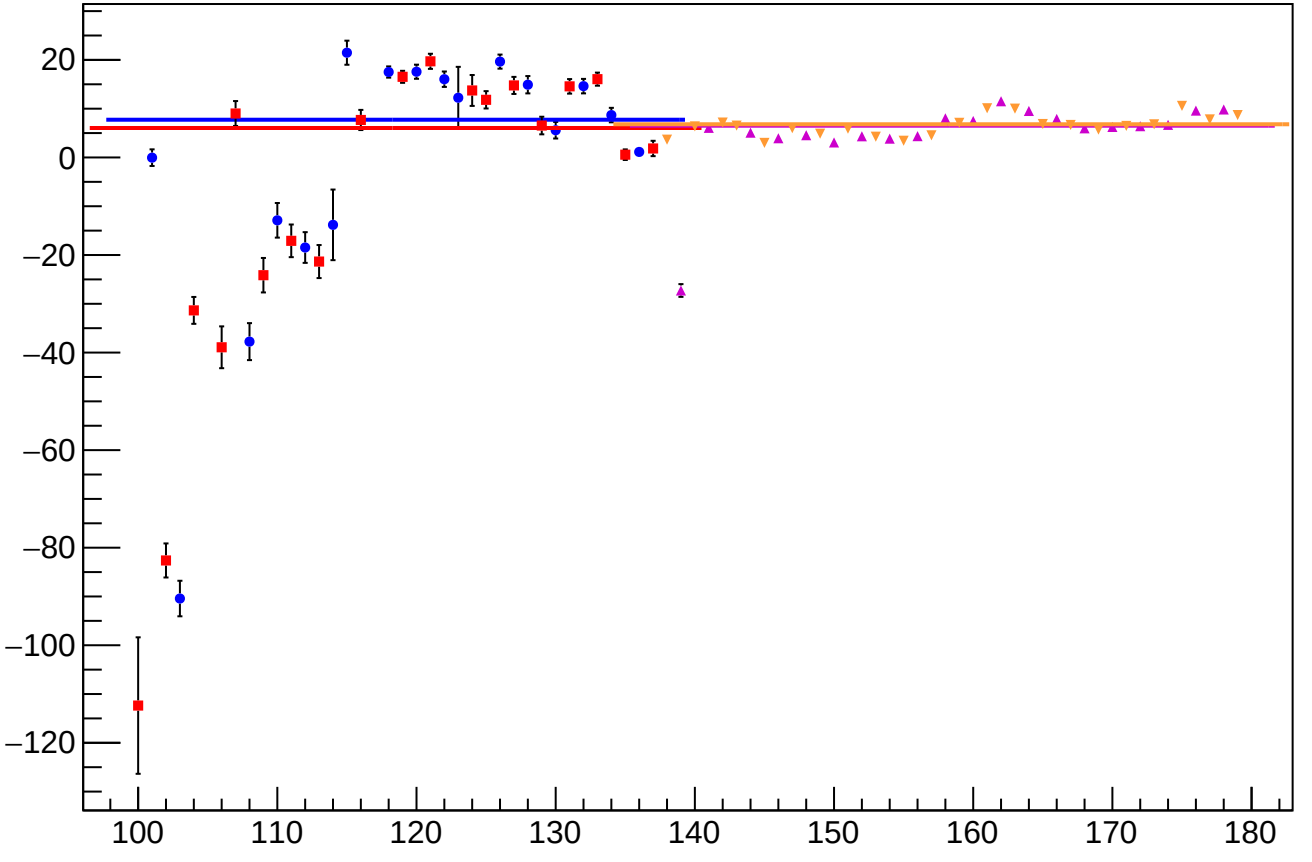
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.798+/-0.105 χ^2/NDF:1321.3/19

Out: -9.433+/-0.104 χ^2/NDF:1517.3/21

All: -9.118+/-0.074 χ^2/NDF: 2857.0/41

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736+/-0.403 χ^2/NDF: 1358.4/16

Left Out: 6.805+/-0.082 χ^2/NDF:630.1/21

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 6.510+/-0.082 χ^2/NDF:1359.1/19

Left: 6.658+/-0.058 χ^2/NDF: 1995.7/41

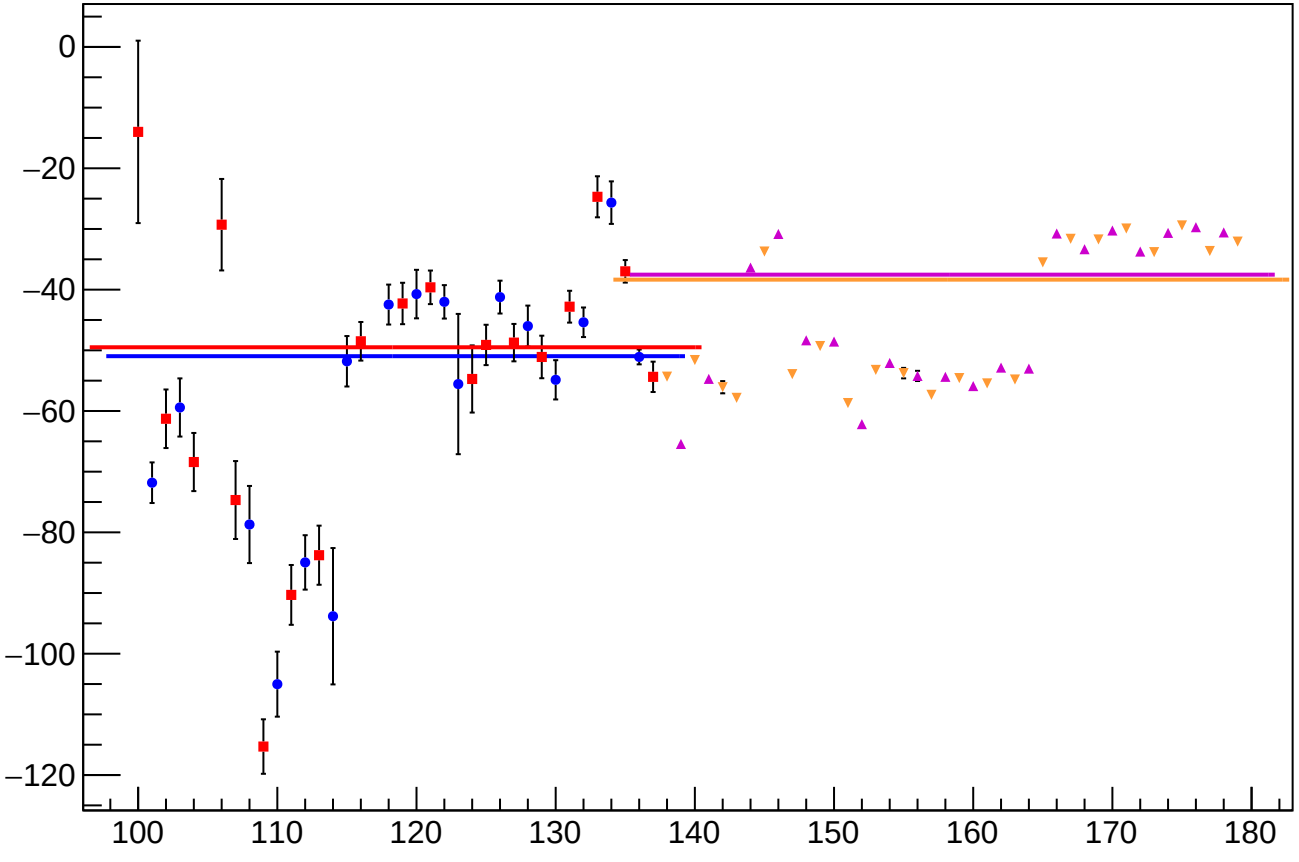
Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 6.559+/-0.081 χ^2/NDF:2726.4/36

Out: 6.778+/-0.080 χ^2/NDF:2145.2/40

All: 6.669+/-0.057 χ^2/NDF: 4875.4/77

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: -38.352+/-0.105 χ^2/NDF:9518.9/21

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -37.530+/-0.105 χ^2/NDF:9993.1/19

Left: -37.943+/-0.074 χ^2/NDF: 19542.6/41

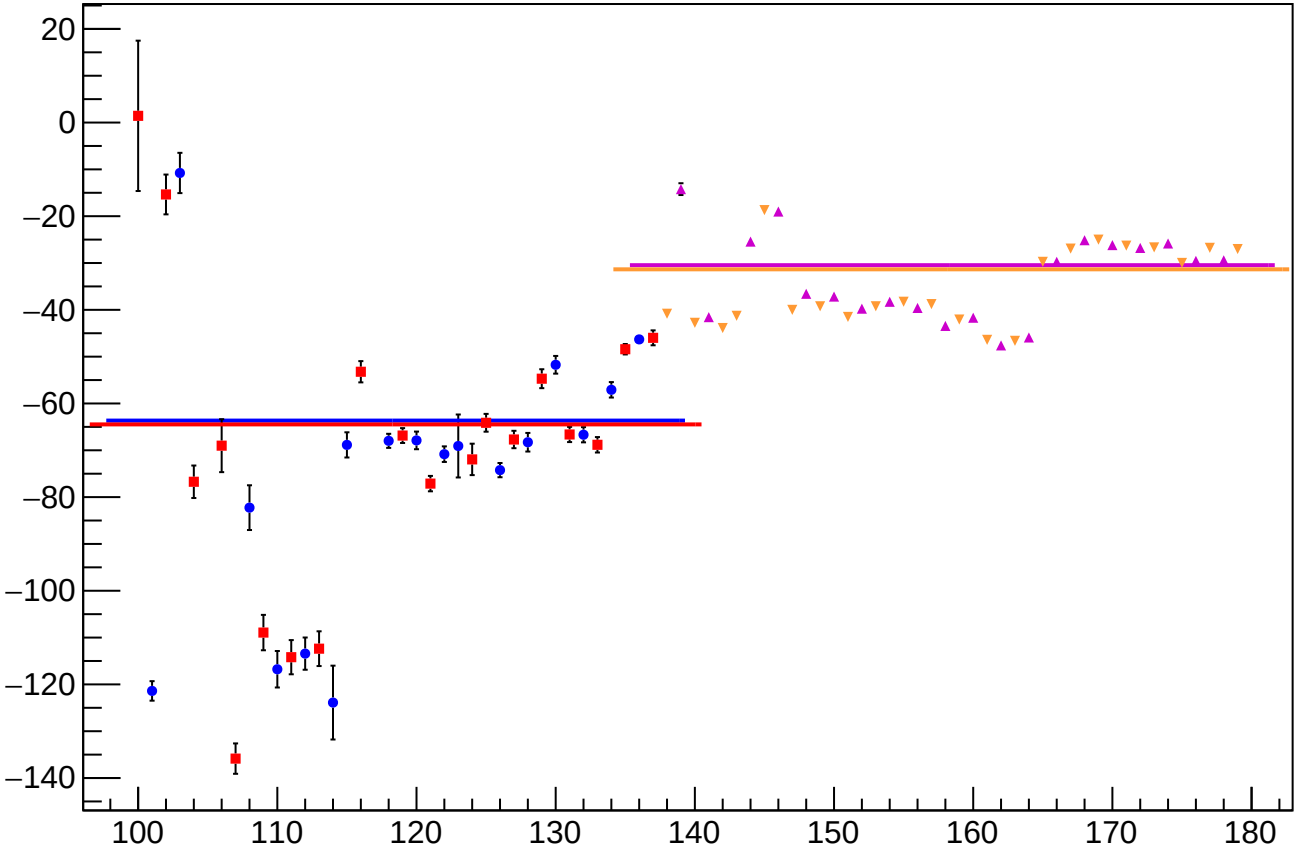
Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -37.799+/-0.104 χ^2/NDF:10650.9/36

Out: -38.541+/-0.104 χ^2/NDF:10221.4/40

All: -38.171+/-0.074 χ^2/NDF: 20897.7/77

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: -31.349+/-0.091 χ^2/NDF:7487.0/21

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -30.463+/-0.092 χ^2/NDF:6906.0/19

Left: -30.911+/-0.065 χ^2/NDF: 14439.5/41

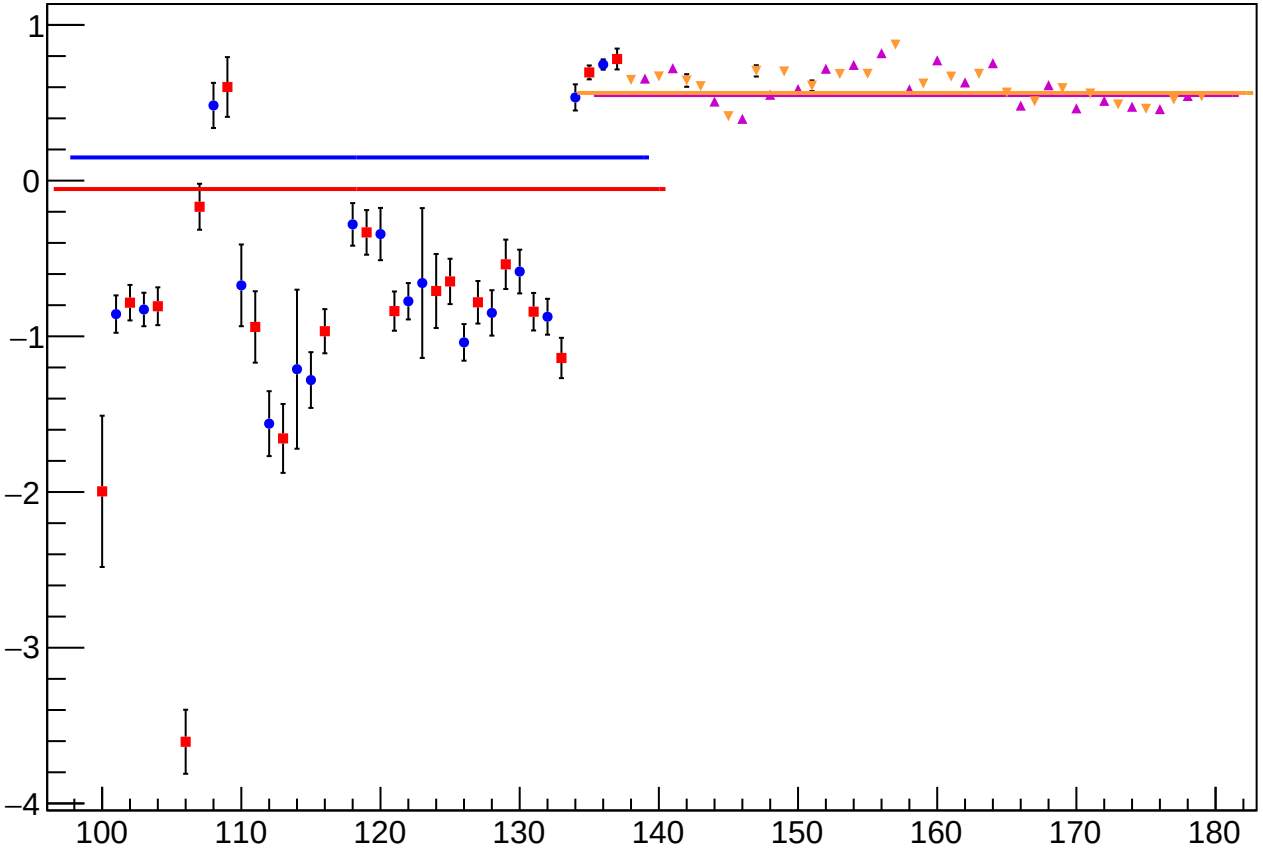
Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -31.834+/-0.091 χ^2/NDF:14246.1/36

Out: -32.498+/-0.090 χ^2/NDF:13642.3/40

All: -32.168+/-0.064 χ^2/NDF: 27915.6/77

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: 0.563+/-0.004 χ^2/NDF:510.7/21

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.550+/-0.004 χ^2/NDF:634.1/19

Left: 0.556+/-0.003 χ^2/NDF: 1149.8/41

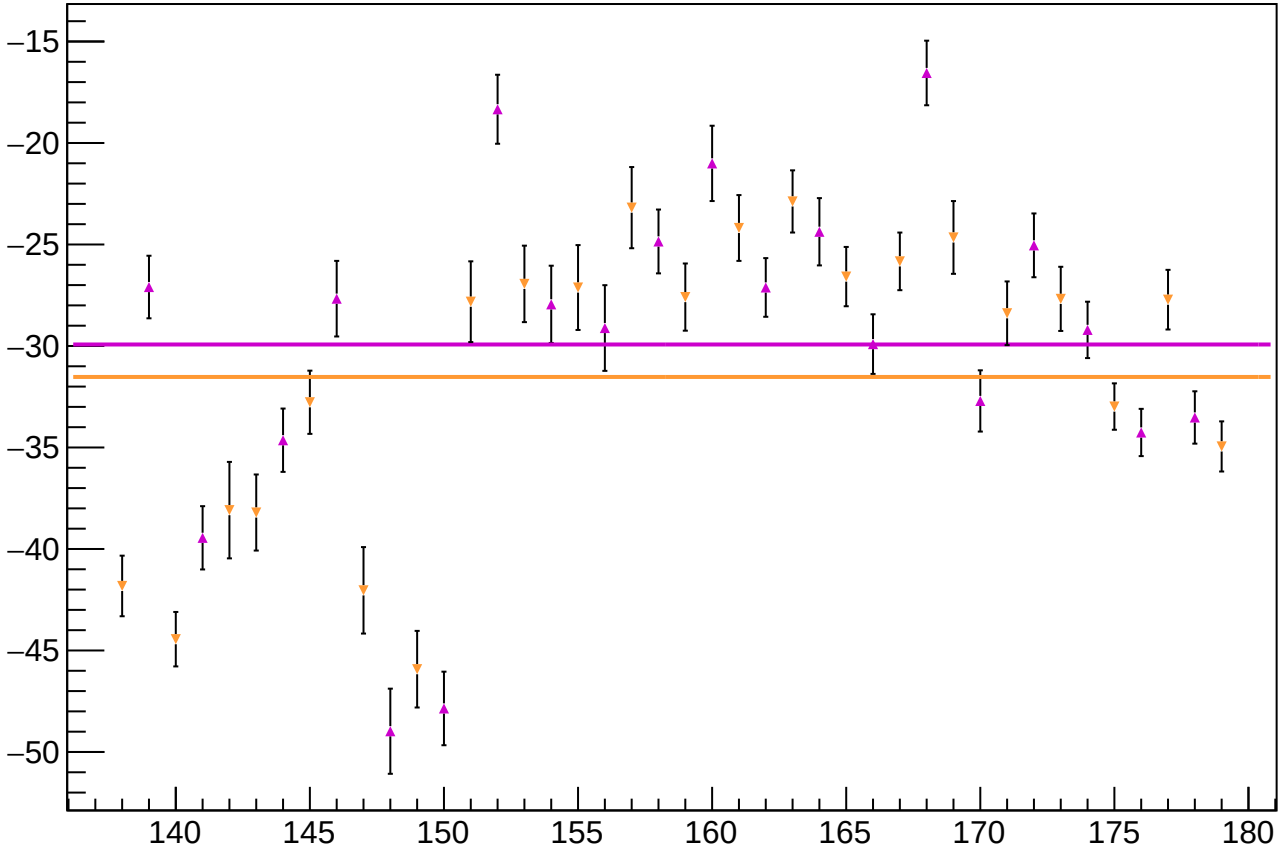
Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.538+/-0.004 χ^2/NDF:1895.2/36

Out: 0.548+/-0.004 χ^2/NDF:2219.5/40

All: 0.543+/-0.003 χ^2/NDF: 4117.6/77

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.526+/-0.342 χ^2/NDF:401.3/21

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

Left In: -29.926+/-0.353 χ^2/NDF:433.7/19

Left: -30.751+/-0.246 χ^2/NDF: 845.5/41

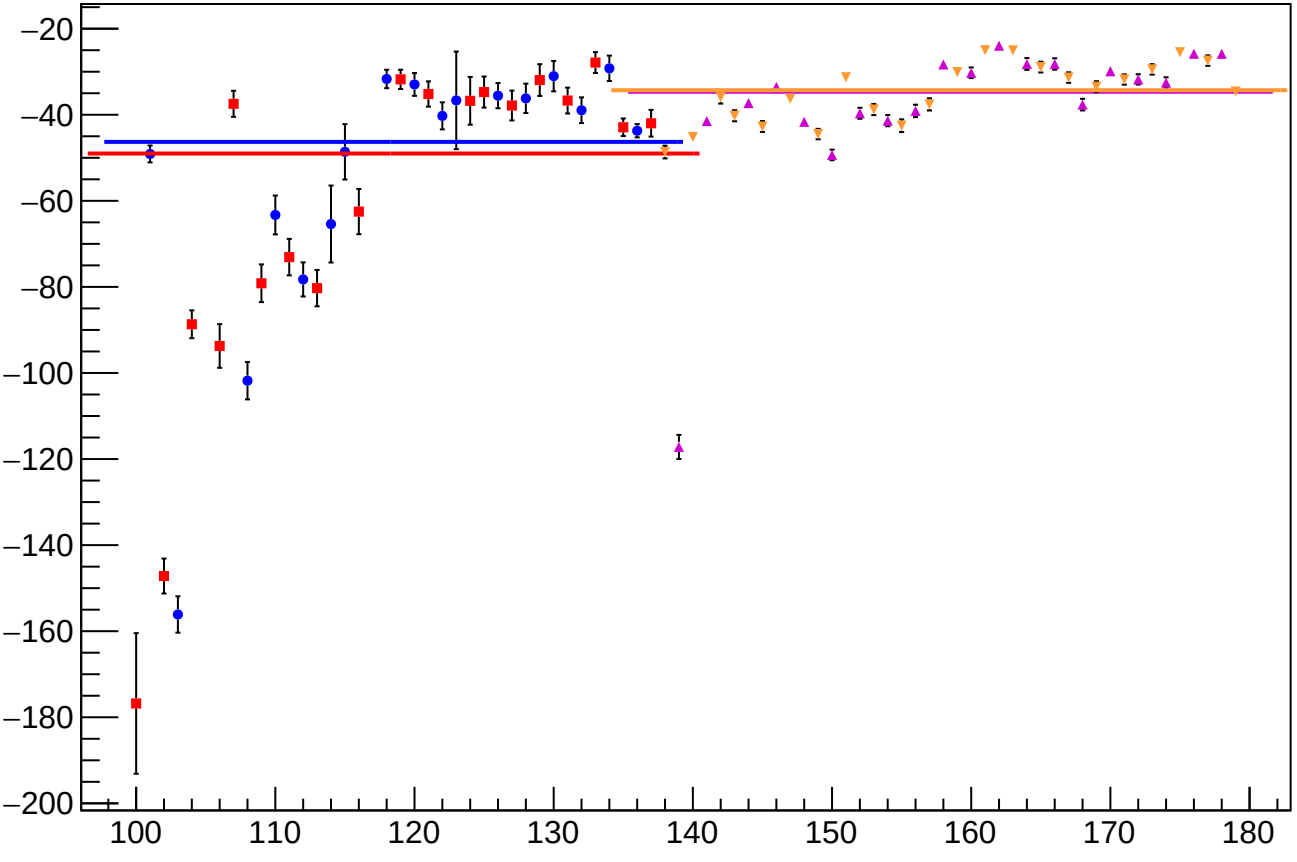
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -29.926+/-0.353 χ^2/NDF:433.7/19

Out: -31.526+/-0.342 χ^2/NDF:401.3/21

All: -30.751+/-0.246 χ^2/NDF: 845.5/41

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: -34.295+/-0.260 χ^2/NDF:673.3/21

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -34.656+/-0.272 χ^2/NDF:1494.1/19

Left: -34.467+/-0.188 χ^2/NDF: 2168.3/41

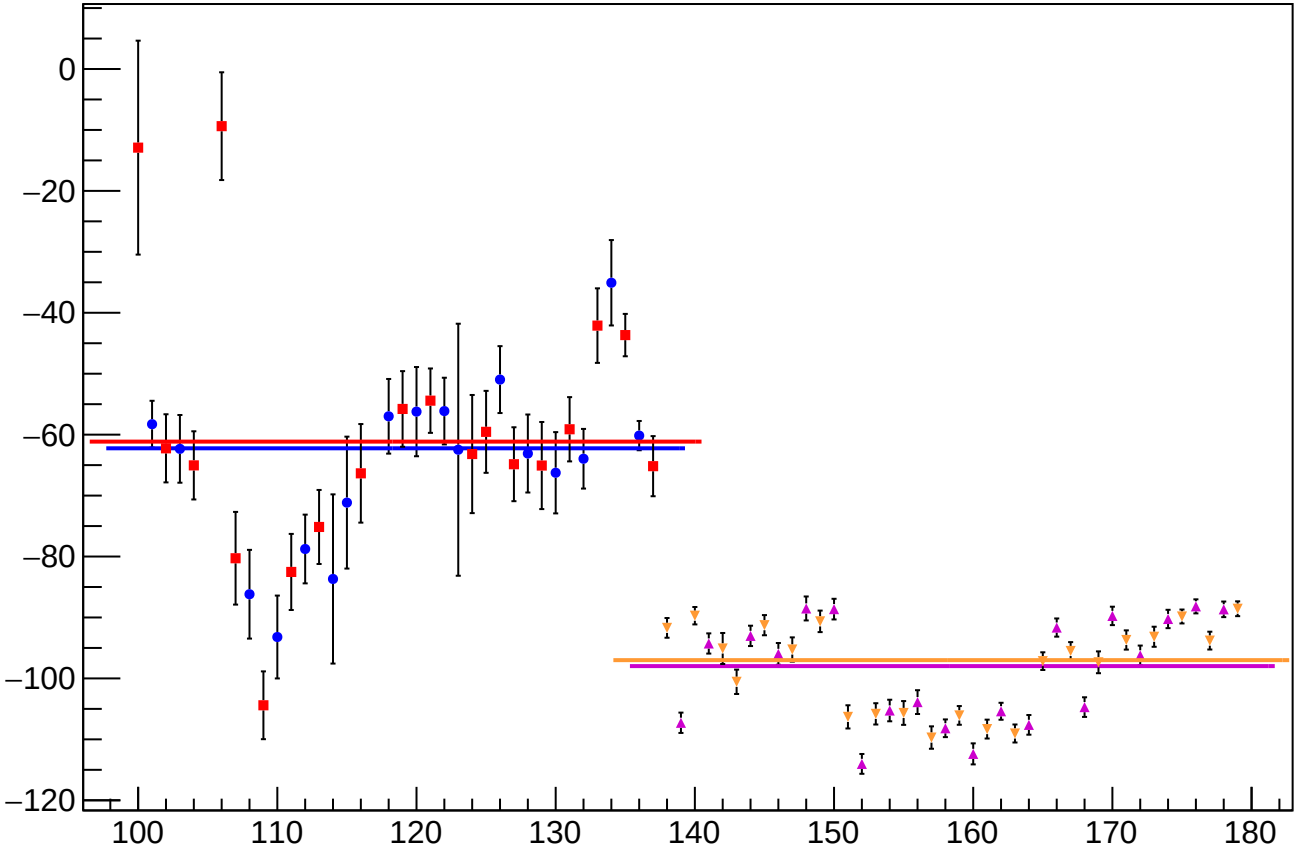
Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -36.105+/-0.255 χ^2/NDF:2805.4/36

Out: -35.825+/-0.246 χ^2/NDF:2277.5/40

All: -35.960+/-0.177 χ^2/NDF: 5083.5/77

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.242+/-1.310 χ^2/NDF: 67.4/16

Left Out: -97.003+/-0.341 χ^2/NDF:440.9/21

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -97.979+/-0.351 χ^2/NDF:624.4/19

Left: -97.477+/-0.244 χ^2/NDF: 1069.3/41

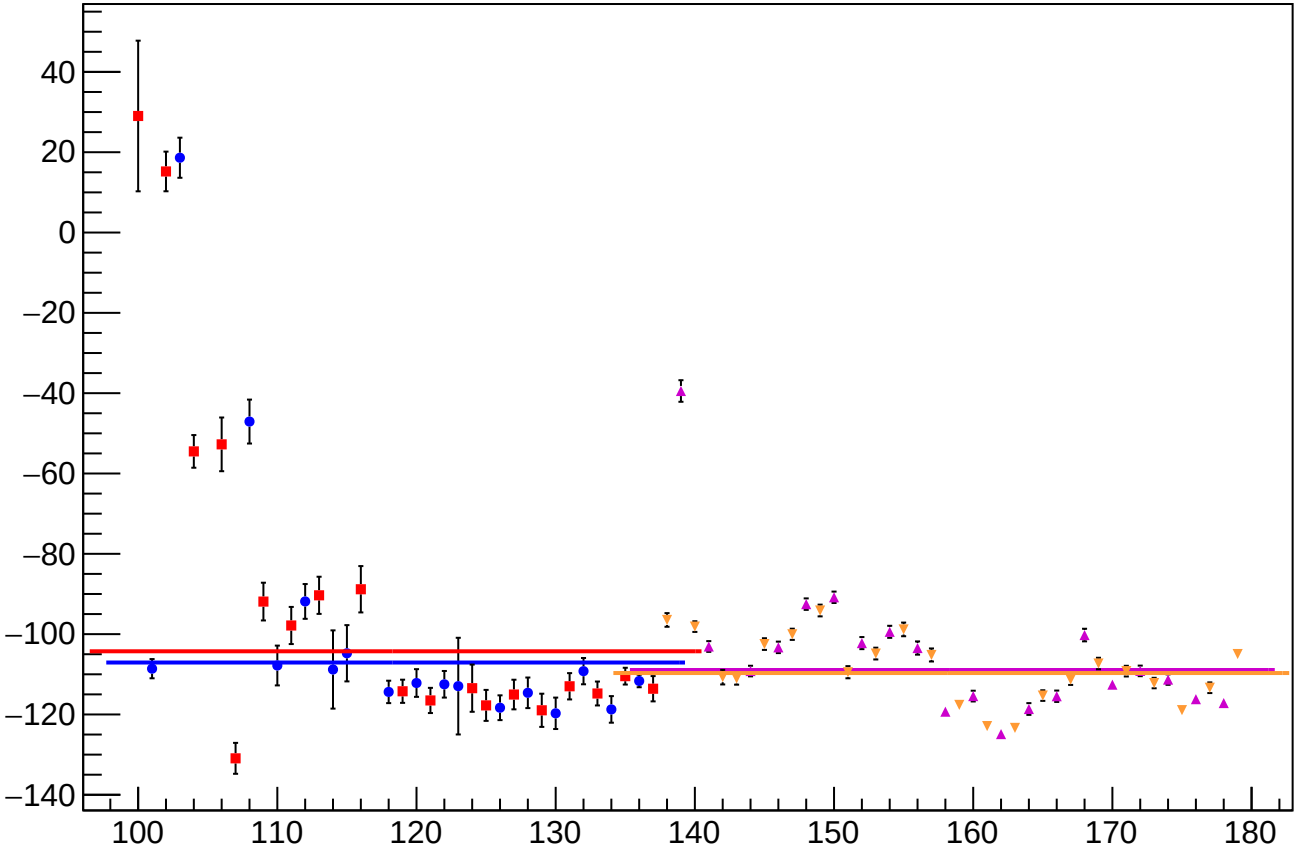
Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -95.592+/-0.339 χ^2/NDF:1386.2/36

Out: -94.942+/-0.331 χ^2/NDF:1243.5/40

All: -95.259+/-0.237 χ^2/NDF: 2631.6/77

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: -109.685+/-0.295 χ^2/NDF:782.0/21

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -108.928+/-0.307 χ^2/NDF:1541.8/19

Left: -109.322+/-0.213 χ^2/NDF: 2327.0/41

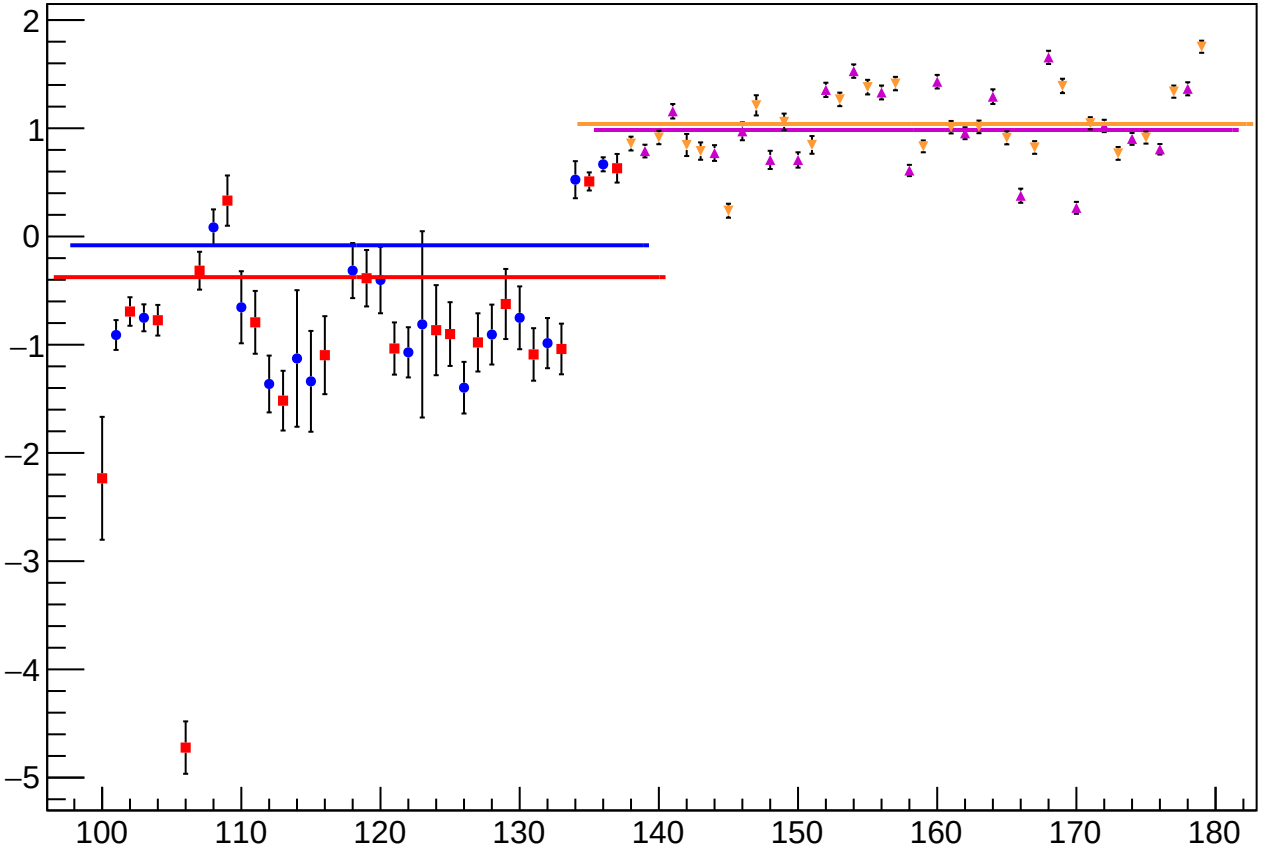
Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -108.696+/-0.287 χ^2/NDF:2374.8/36

Out: -109.117+/-0.279 χ^2/NDF:1836.1/40

All: -108.912+/-0.200 χ^2/NDF: 4212.0/77

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: 1.040+/-0.014 χ^2/NDF:538.5/21

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.984+/-0.014 χ^2/NDF:744.5/19

Left: 1.012+/-0.010 χ^2/NDF: 1291.3/41

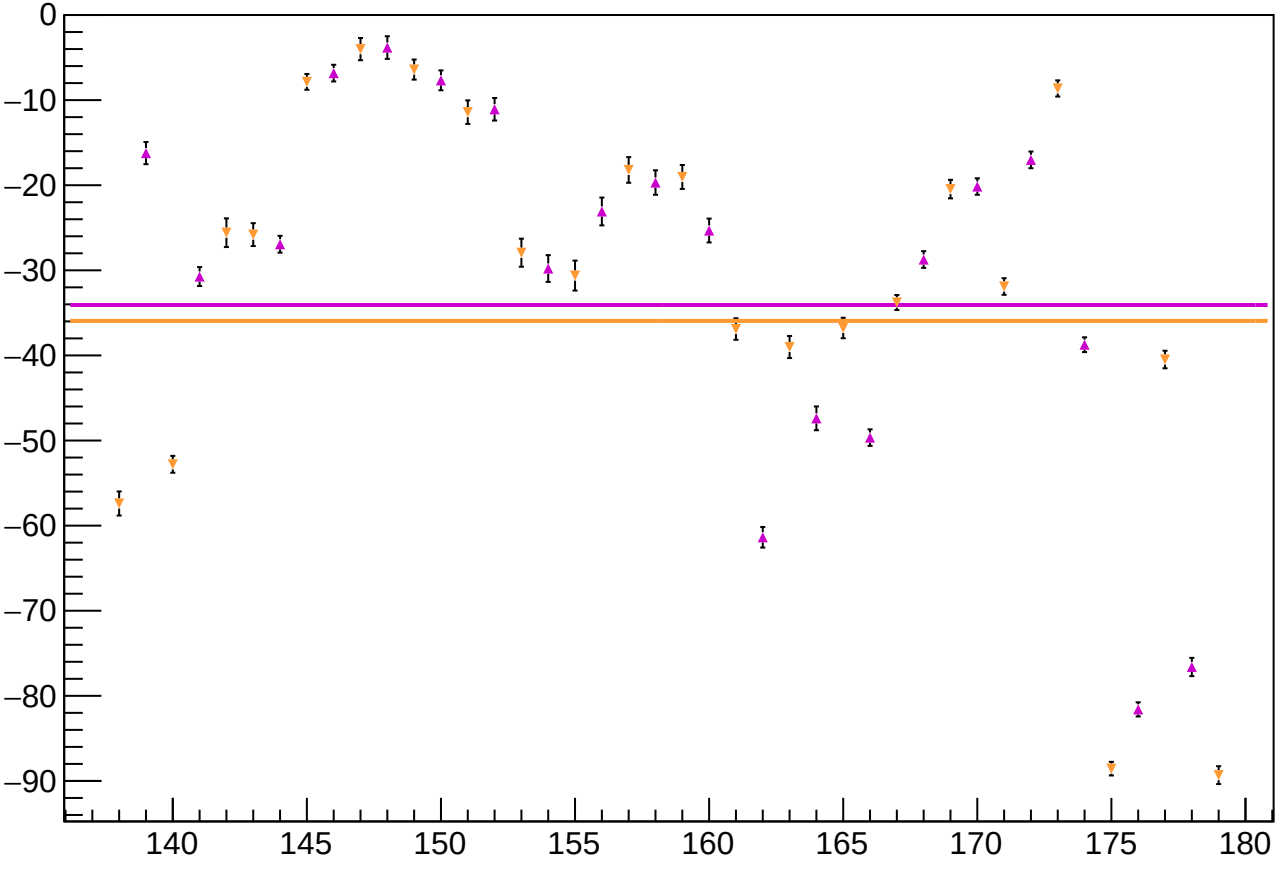
Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.881+/-0.013 χ^2/NDF:1650.0/36

Out: 0.916+/-0.013 χ^2/NDF:2070.9/40

All: 0.899+/-0.009 χ^2/NDF: 3724.6/77

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -35.942+/-0.245 χ^2/NDF:11364.9/21

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

Left In: -34.073+/-0.249 χ^2/NDF:8808.6/19

Left: -35.021+/-0.175 χ^2/NDF: 20202.2/41

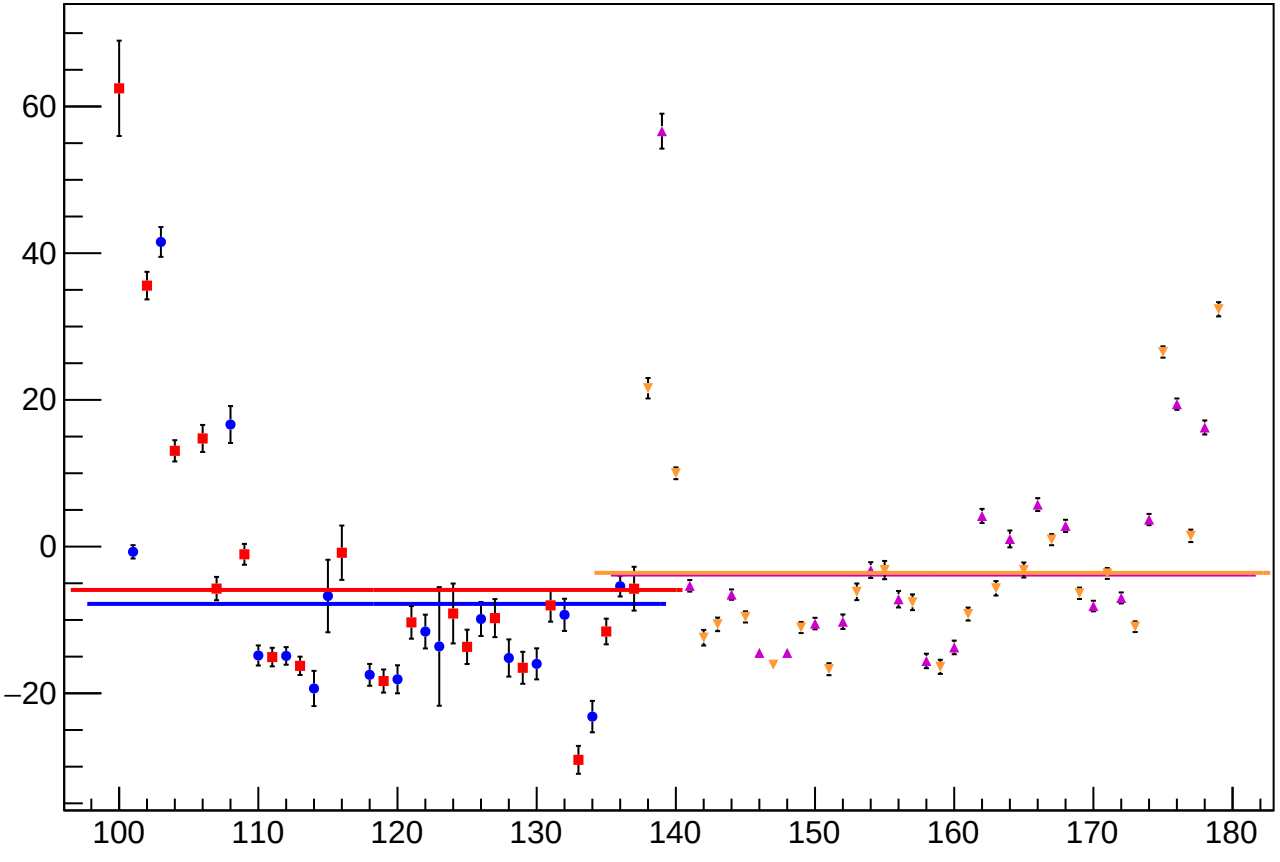
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.073+/-0.249 χ^2/NDF:8808.6/19

Out: -35.942+/-0.245 χ^2/NDF:11364.9/21

All: -35.021+/-0.175 χ^2/NDF: 20202.2/41

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: -3.582+/-0.184 χ^2/NDF:4887.2/21

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -3.815+/-0.189 χ^2/NDF:3370.4/19

Left: -3.695+/-0.132 χ^2/NDF: 8258.4/41

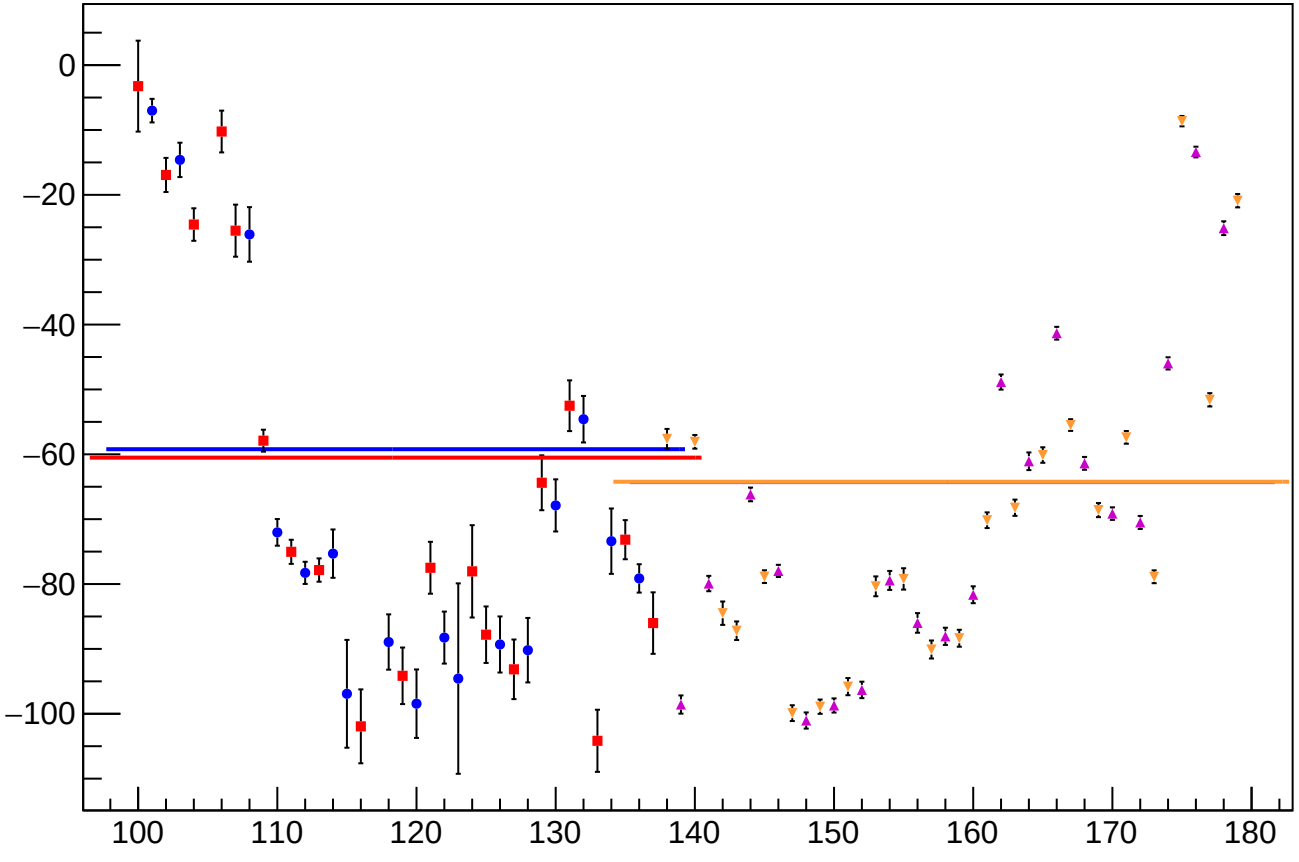
Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -4.469+/-0.173 χ^2/NDF:4426.4/36

Out: -3.944+/-0.169 χ^2/NDF:6205.1/40

All: -4.201+/-0.121 χ^2/NDF: 10636.2/77

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: -64.227+/-0.245 χ^2/NDF:11104.4/21

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -64.285+/-0.248 χ^2/NDF:10642.1/19

Left: -64.256+/-0.174 χ^2/NDF: 21746.5/41

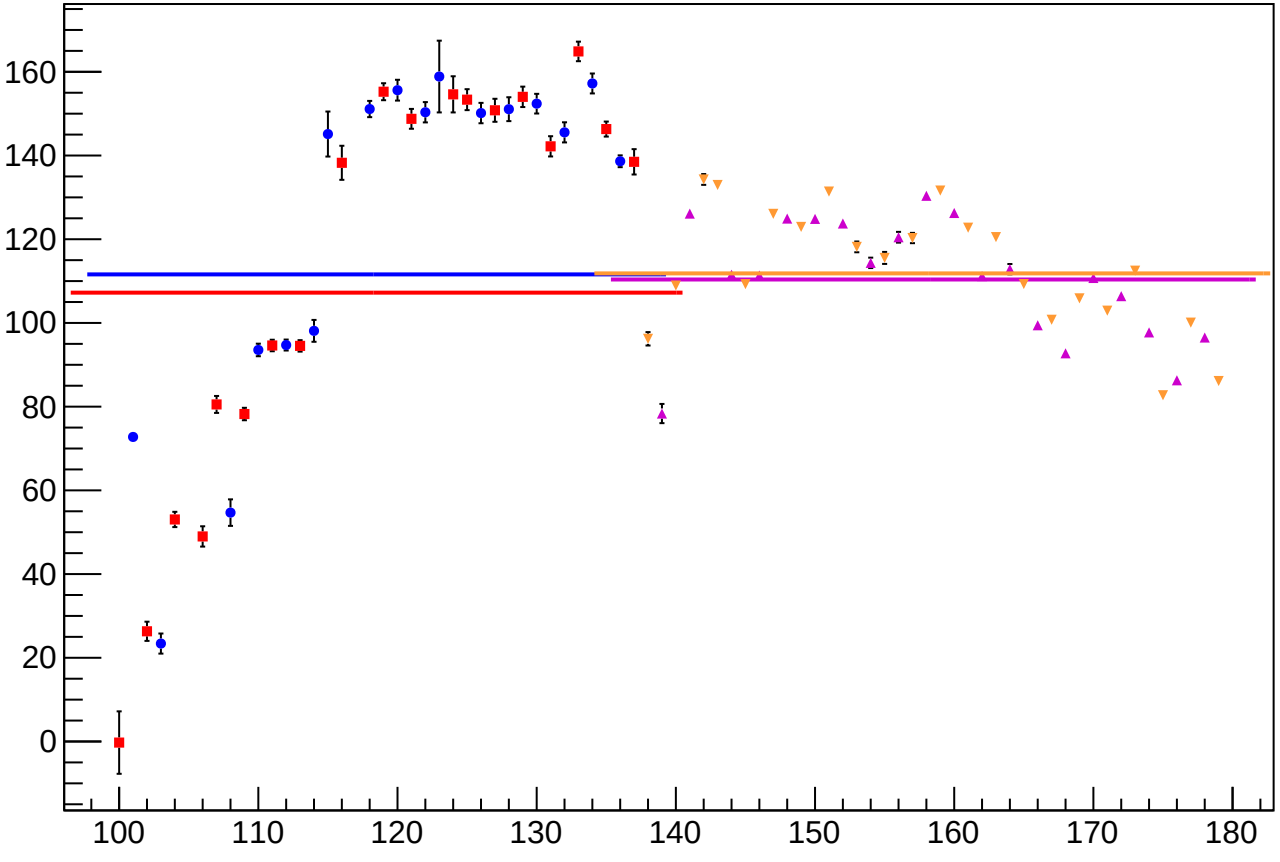
Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -63.778+/-0.235 χ^2/NDF:12404.4/36

Out: -63.827+/-0.231 χ^2/NDF:12513.1/40

All: -63.803+/-0.165 χ^2/NDF: 24917.5/77

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: 111.837+/-0.210 χ^2/NDF:4604.5/21

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 110.380+/-0.215 χ^2/NDF:3569.0/19

Left: 111.126+/-0.150 χ^2/NDF: 8196.9/41

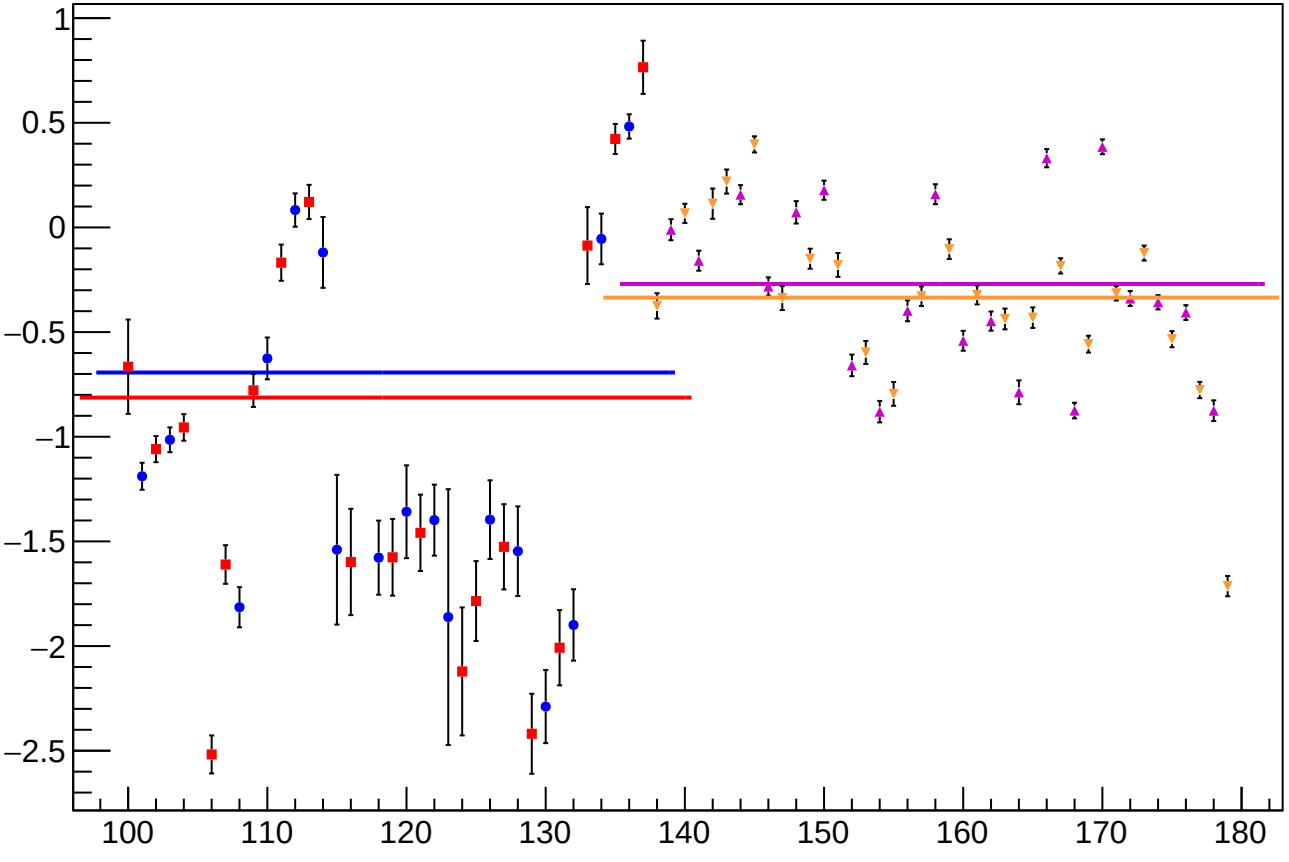
Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 110.579+/-0.197 χ^2/NDF:9533.7/36

Out: 111.118+/-0.193 χ^2/NDF:11716.9/40

All: 110.854+/-0.138 χ^2/NDF: 21254.4/77

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: -0.335+/-0.010 χ^2/NDF:1762.9/21

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.270+/-0.010 χ^2/NDF:1642.7/19

Left: -0.303+/-0.007 χ^2/NDF: 3427.9/41

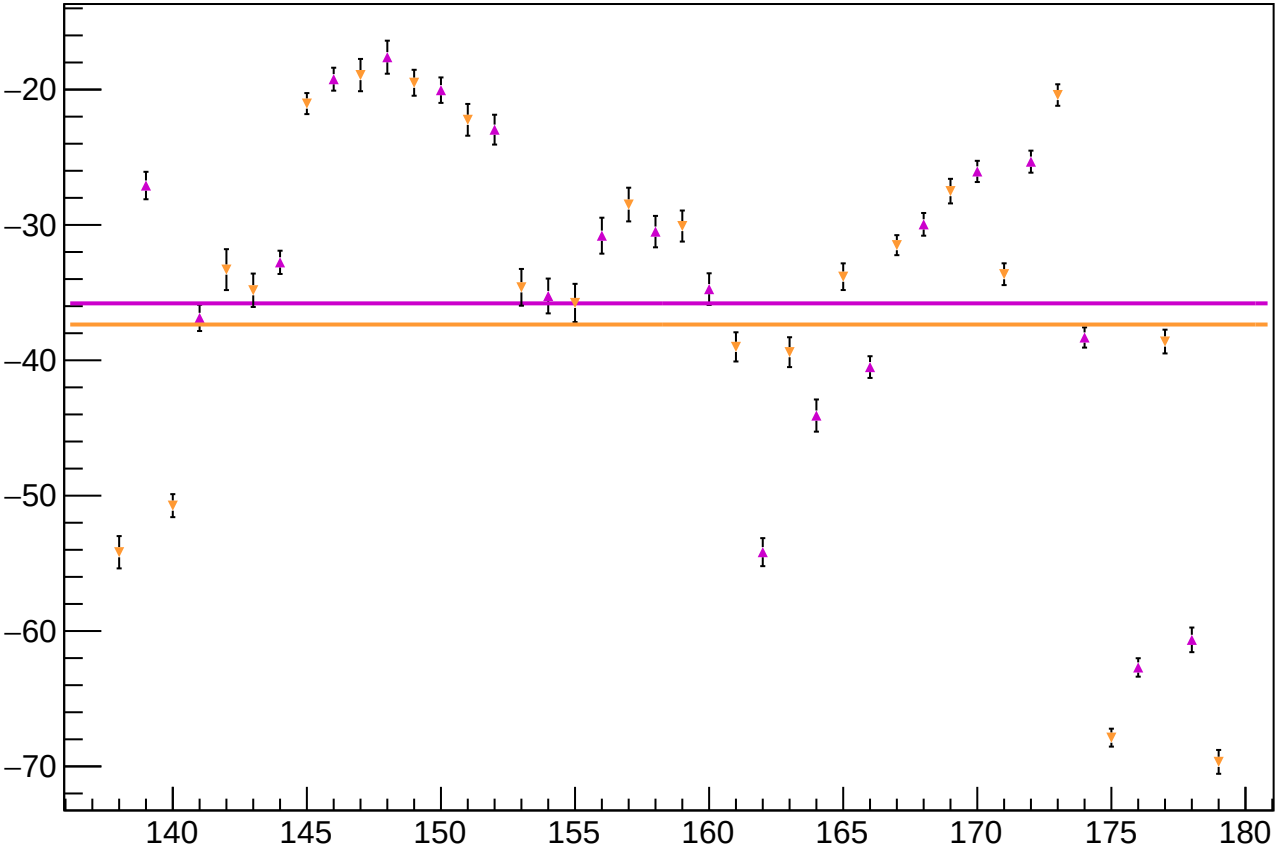
Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.324+/-0.009 χ^2/NDF:2871.1/36

Out: -0.401+/-0.009 χ^2/NDF:3405.7/40

All: -0.363+/-0.006 χ^2/NDF: 6312.8/77

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: -37.357+/-0.206 χ^2/NDF:5893.1/21

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

Left In: -35.794+/-0.209 χ^2/NDF:4228.5/19

Left: -36.585+/-0.147 χ^2/NDF: 10150.0/41

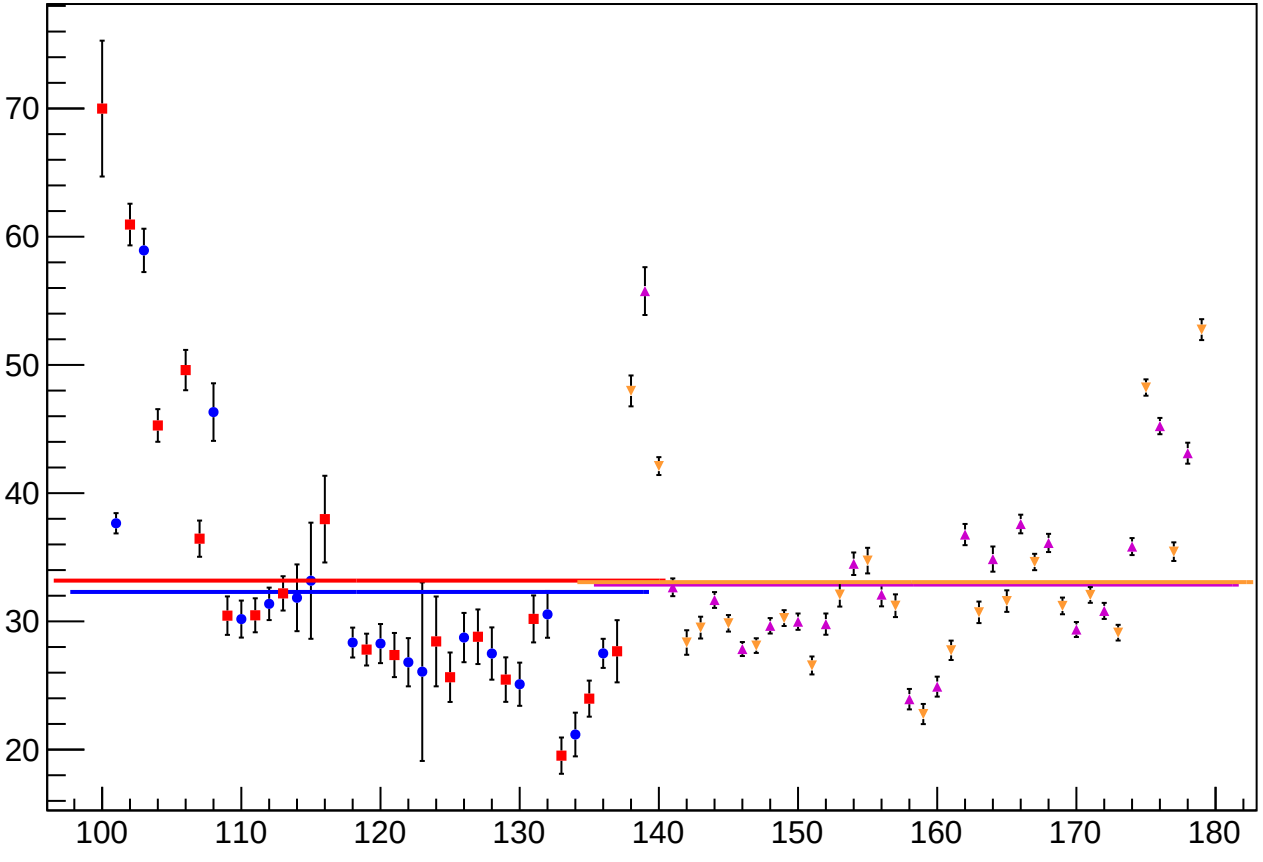
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -35.794+/-0.209 χ^2/NDF:4228.5/19

Out: -37.357+/-0.206 χ^2/NDF:5893.1/21

All: -36.585+/-0.147 χ^2/NDF: 10150.0/41

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: 33.061+/-0.156 χ^2/NDF:2029.2/21

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 32.869+/-0.160 χ^2/NDF:1228.4/19

Left: 32.967+/-0.112 χ^2/NDF: 3258.3/41

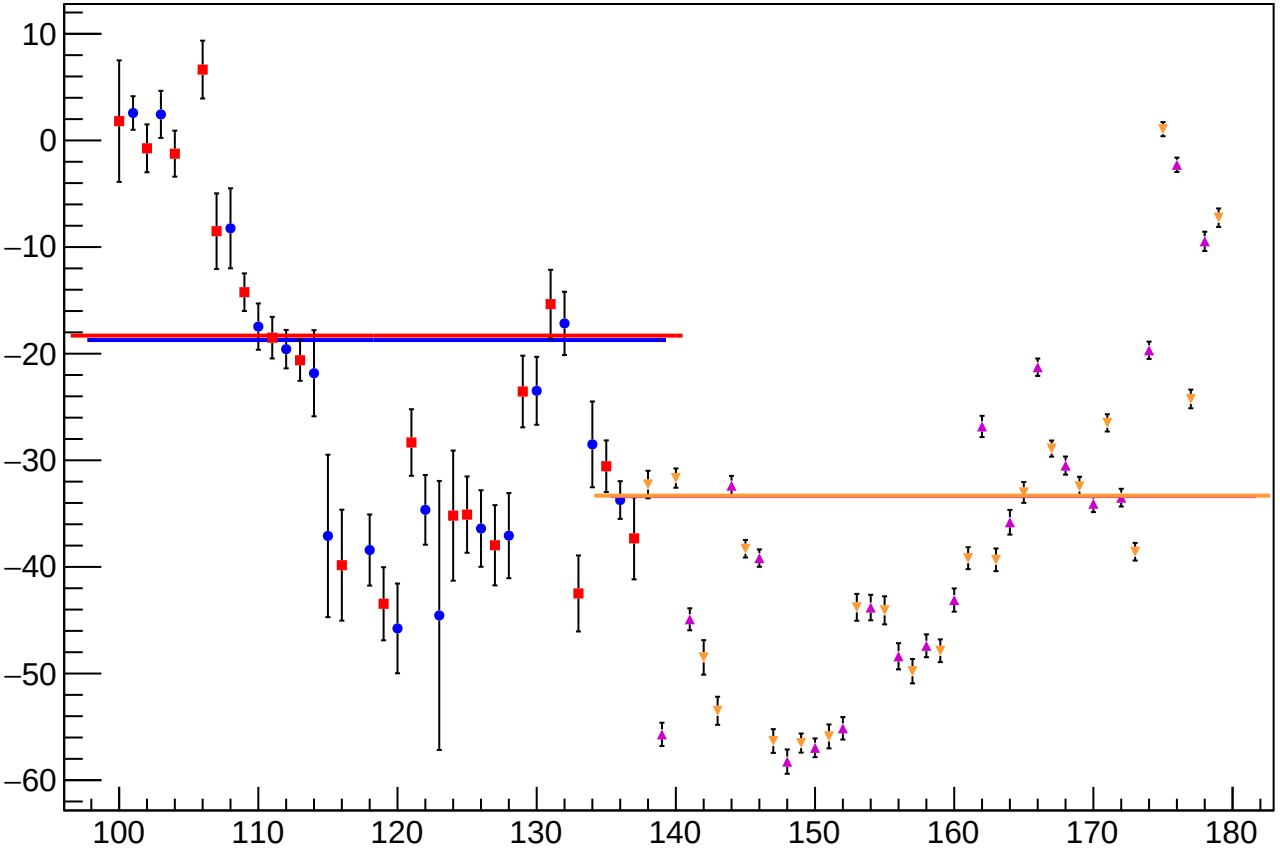
Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 32.779+/-0.147 χ^2/NDF:1682.6/36

Out: 33.078+/-0.144 χ^2/NDF:2799.5/40

All: 32.932+/-0.103 χ^2/NDF: 4484.2/77

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: -33.316+/-0.205 χ^2/NDF:6312.8/21

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -33.356+/-0.208 χ^2/NDF:6080.4/19

Left: -33.336+/-0.146 χ^2/NDF: 12393.2/41

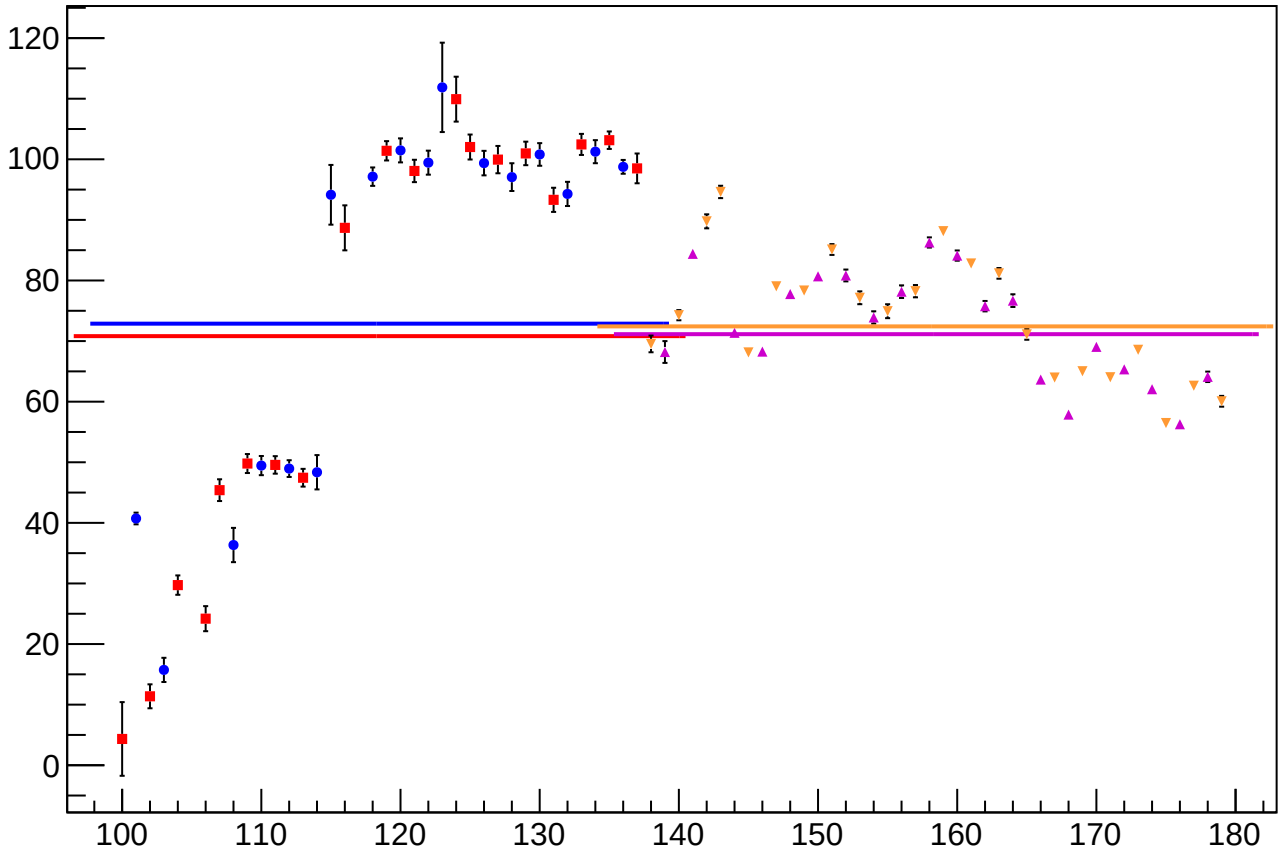
Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -32.055+/-0.198 χ^2/NDF:7040.8/36

Out: -31.927+/-0.196 χ^2/NDF:7279.1/40

All: -31.990+/-0.139 χ^2/NDF: 14320.1/77

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: 72.424+/-0.177 χ^2/NDF:3108.7/21

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 71.140+/-0.181 χ^2/NDF:2416.8/19

Left: 71.797+/-0.127 χ^2/NDF: 5551.2/41

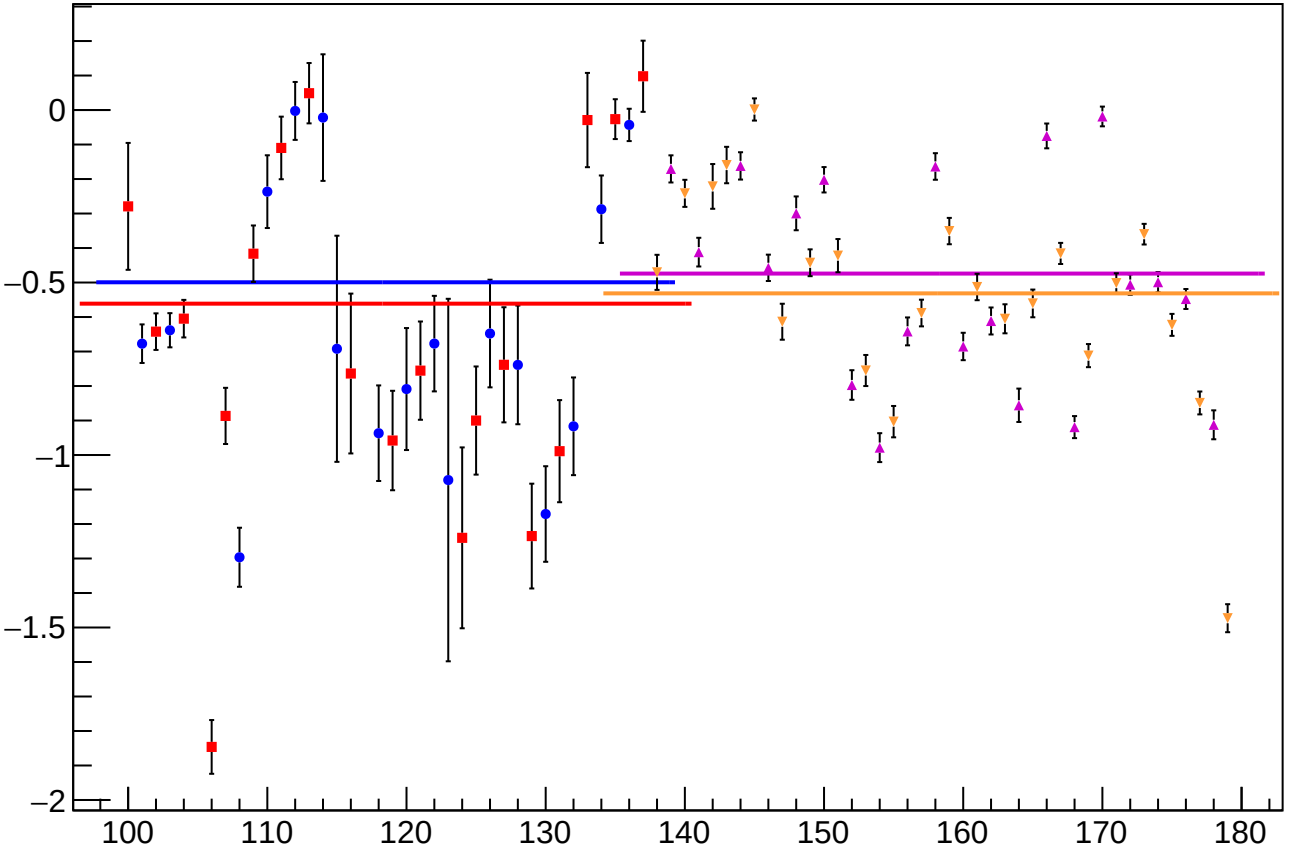
Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 71.407+/-0.167 χ^2/NDF:7168.8/36

Out: 72.193+/-0.164 χ^2/NDF:8609.8/40

All: 71.807+/-0.117 χ^2/NDF: 15789.9/77

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: -0.531+/-0.008 χ^2/NDF:1250.6/21

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.474+/-0.008 χ^2/NDF:1266.6/19

Left: -0.503+/-0.006 χ^2/NDF: 2541.9/41

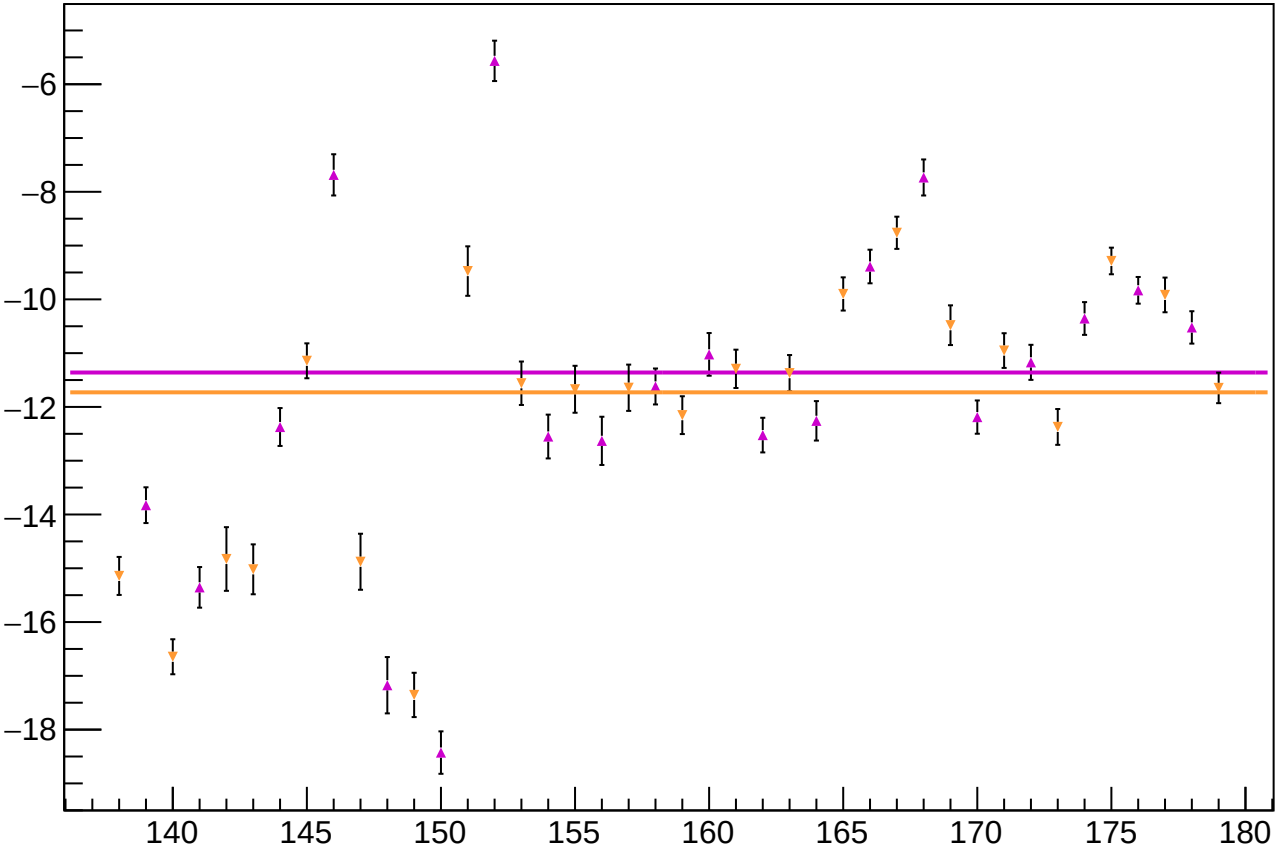
Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.477+/-0.008 χ^2/NDF:1571.2/36

Out: -0.535+/-0.008 χ^2/NDF:1814.7/40

All: -0.506+/-0.005 χ^2/NDF: 3414.7/77

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: -11.729+/-0.075 χ^2/NDF:937.3/21

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

Left In: -11.360+/-0.077 χ^2/NDF:1207.3/19

Left: -11.549+/-0.054 χ^2/NDF: 2156.4/41

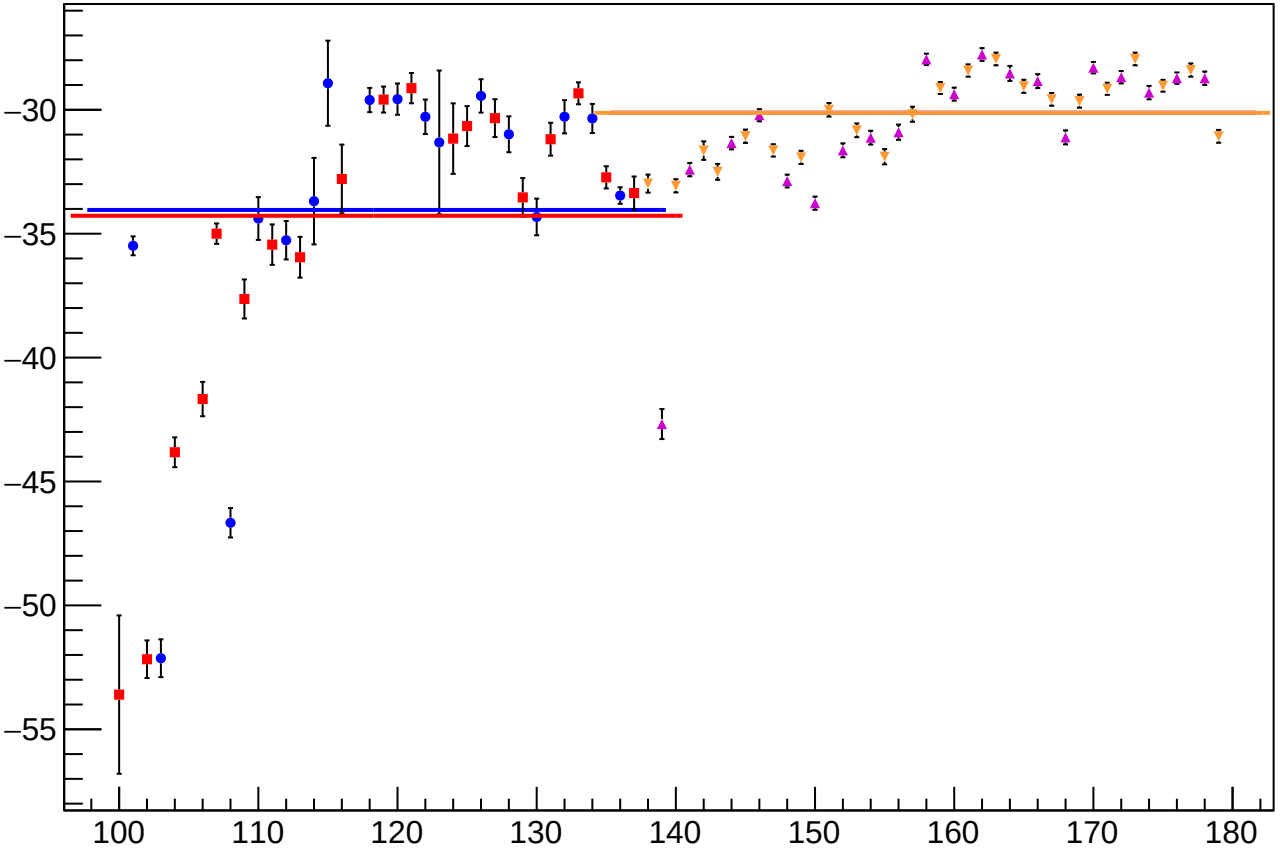
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -11.360+/-0.077 χ^2/NDF:1207.3/19

Out: -11.729+/-0.075 χ^2/NDF:937.3/21

All: -11.549+/-0.054 χ^2/NDF: 2156.4/41

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: -30.124+/-0.058 χ^2/NDF:711.7/21

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -30.116+/-0.060 χ^2/NDF:1280.1/19

Left: -30.120+/-0.042 χ^2/NDF: 1991.7/41

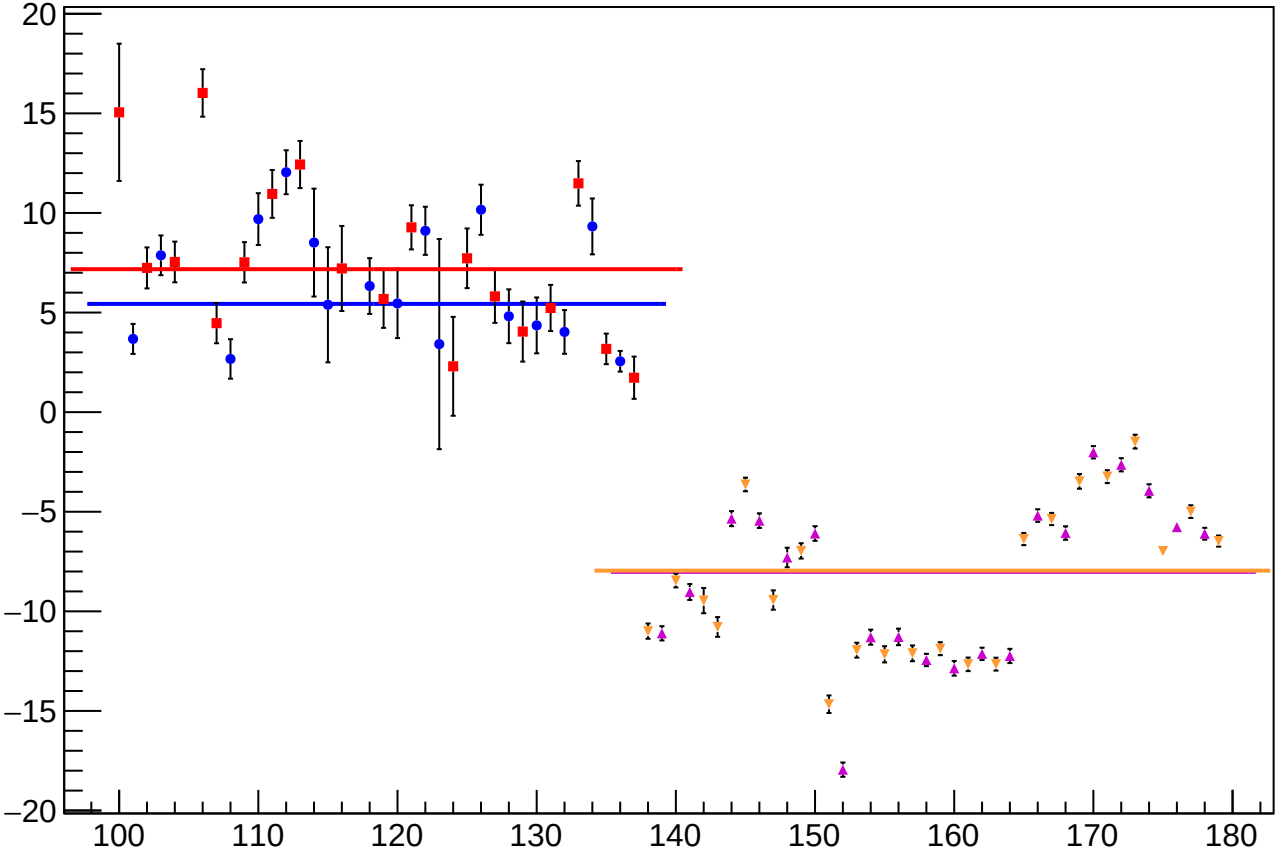
Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -30.653+/-0.056 χ^2/NDF:3206.6/36

Out: -30.655+/-0.054 χ^2/NDF:2722.3/40

All: -30.654+/-0.039 χ^2/NDF: 5928.9/77

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: -7.956+/-0.075 χ^2/NDF:2319.6/21

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -8.018+/-0.076 χ^2/NDF:2828.4/19

Left: -7.987+/-0.053 χ^2/NDF: 5148.3/41

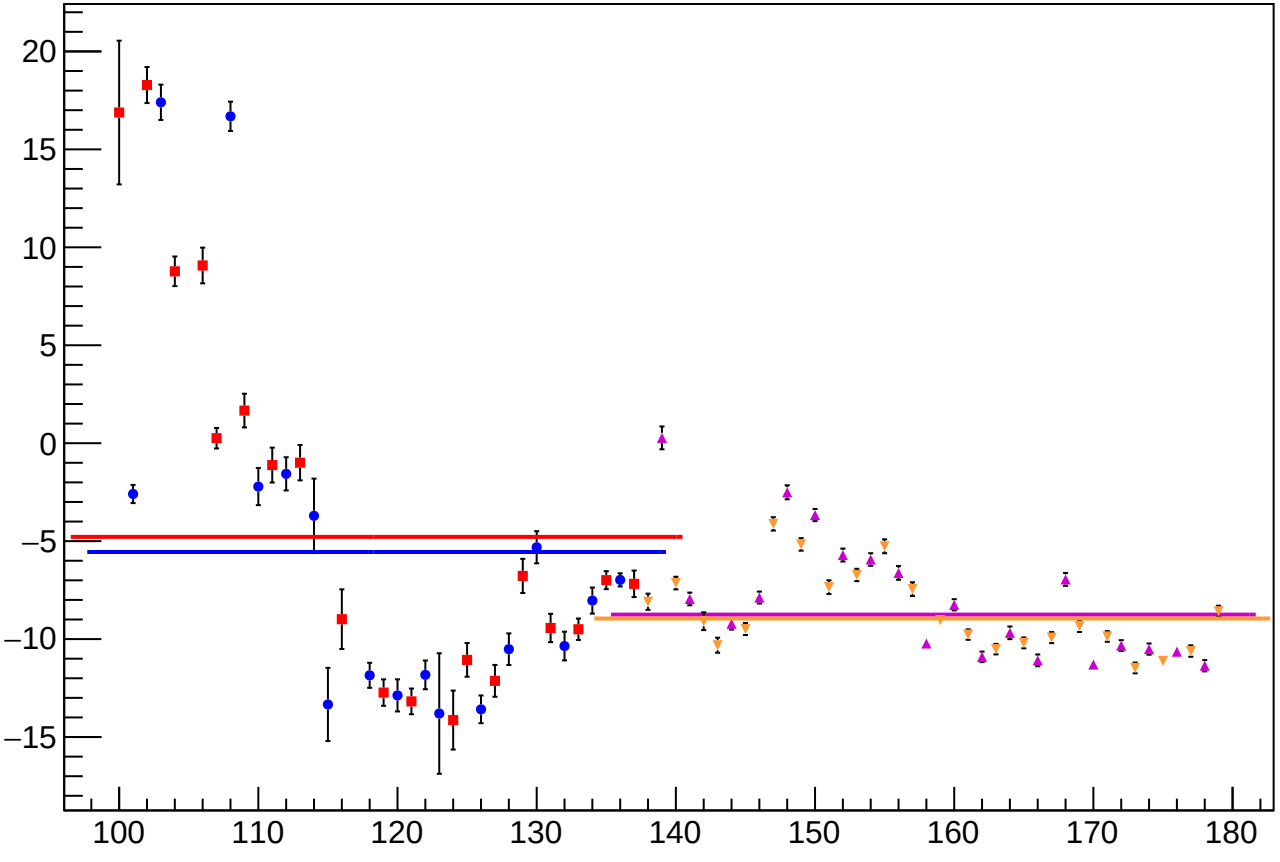
Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -7.019+/-0.073 χ^2/NDF:5266.0/36

Out: -6.908+/-0.072 χ^2/NDF:5337.9/40

All: -6.962+/-0.051 χ^2/NDF: 10605.0/77

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: -8.950+/-0.065 χ^2/NDF:867.8/21

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -8.751+/-0.067 χ^2/NDF:1544.3/19

Left: -8.853+/-0.047 χ^2/NDF: 2416.7/41

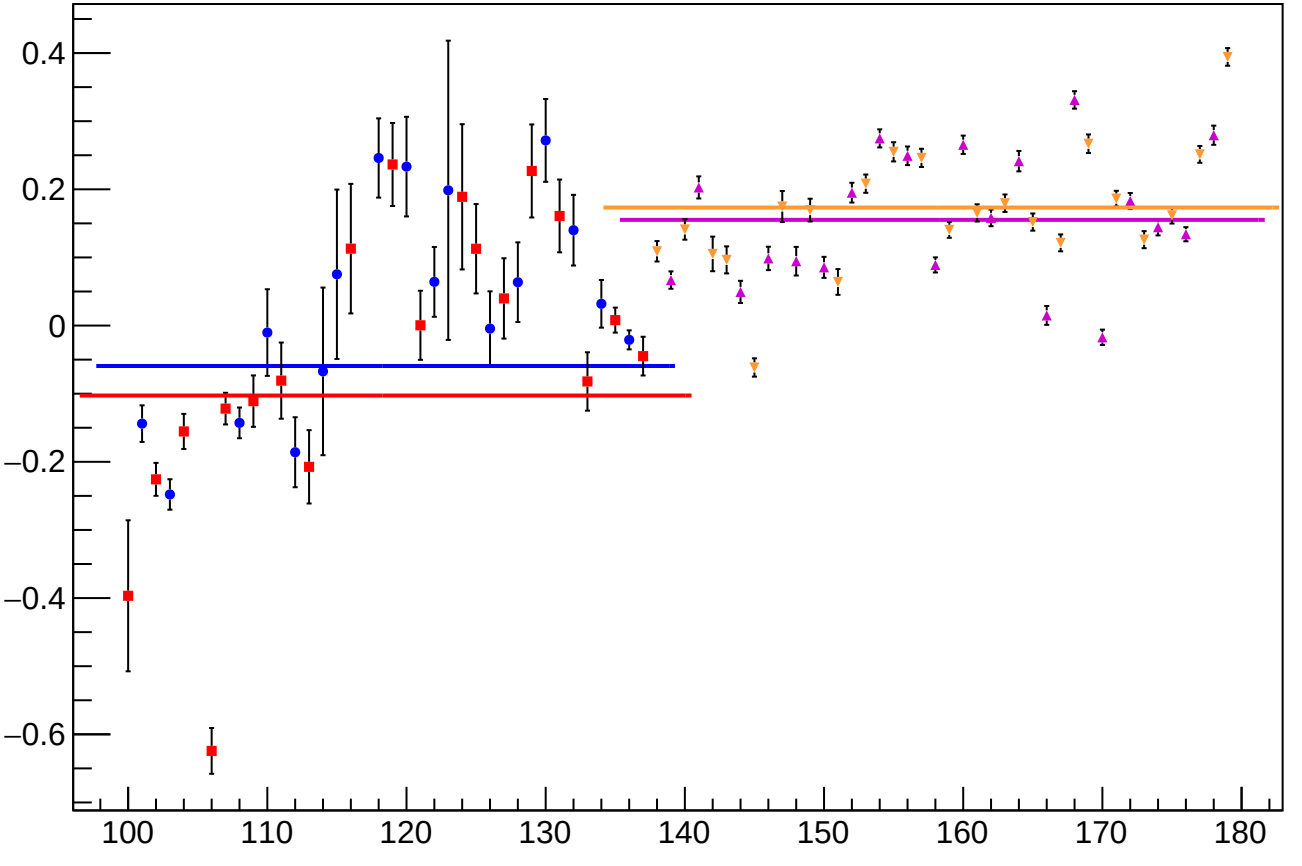
Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -8.319+/-0.062 χ^2/NDF:3976.0/36

Out: -8.434+/-0.061 χ^2/NDF:3417.8/40

All: -8.378+/-0.044 χ^2/NDF: 7395.6/77

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: 0.173+/-0.003 χ^2/NDF:877.6/21

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.155+/-0.003 χ^2/NDF:1023.5/19

Left: 0.164+/-0.002 χ^2/NDF: 1919.6/41

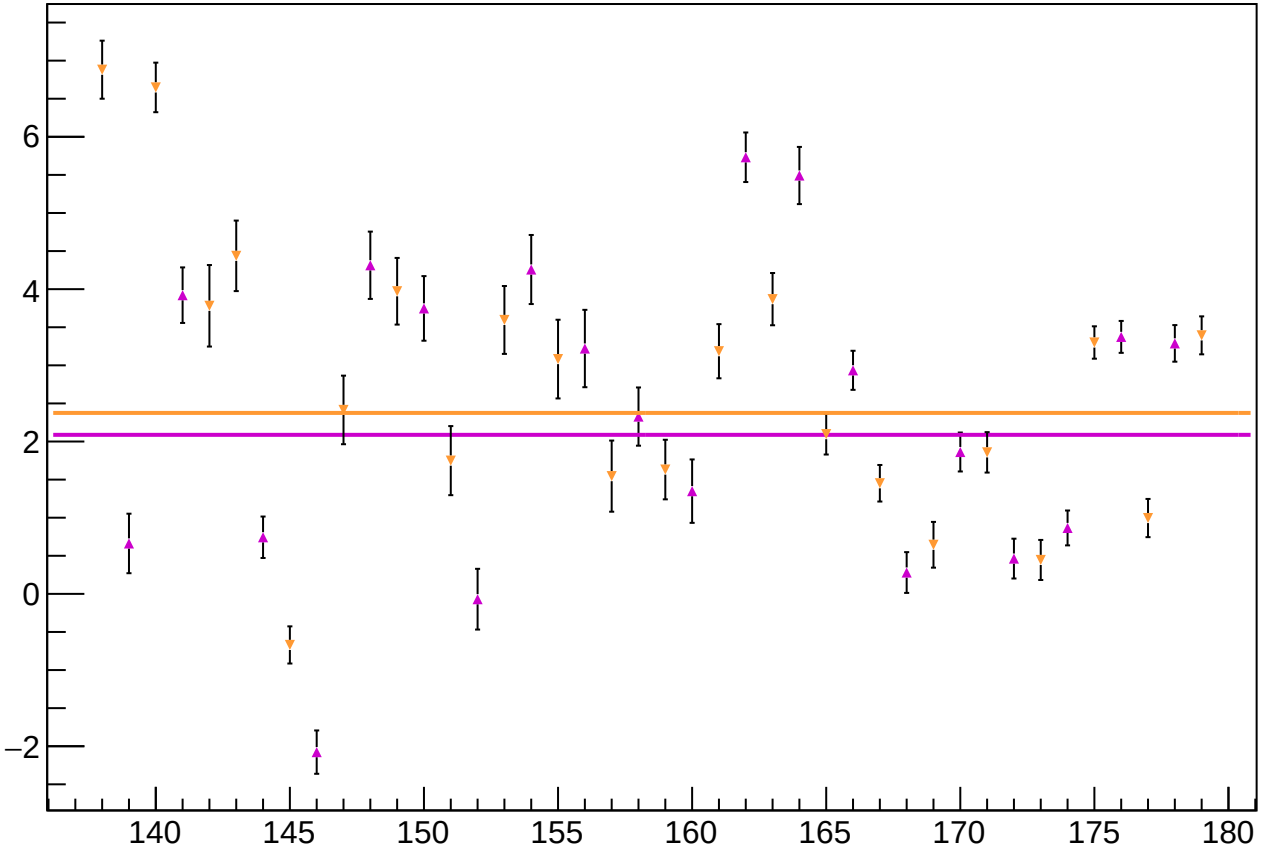
Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.131+/-0.003 χ^2/NDF:1821.0/36

Out: 0.143+/-0.003 χ^2/NDF:2269.1/40

All: 0.137+/-0.002 χ^2/NDF: 4099.2/77

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: 2.375+/-0.068 χ^2/NDF:723.3/21

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

Left In: 2.088+/-0.068 χ^2/NDF:773.6/19

Left: 2.233+/-0.048 χ^2/NDF: 1505.8/41

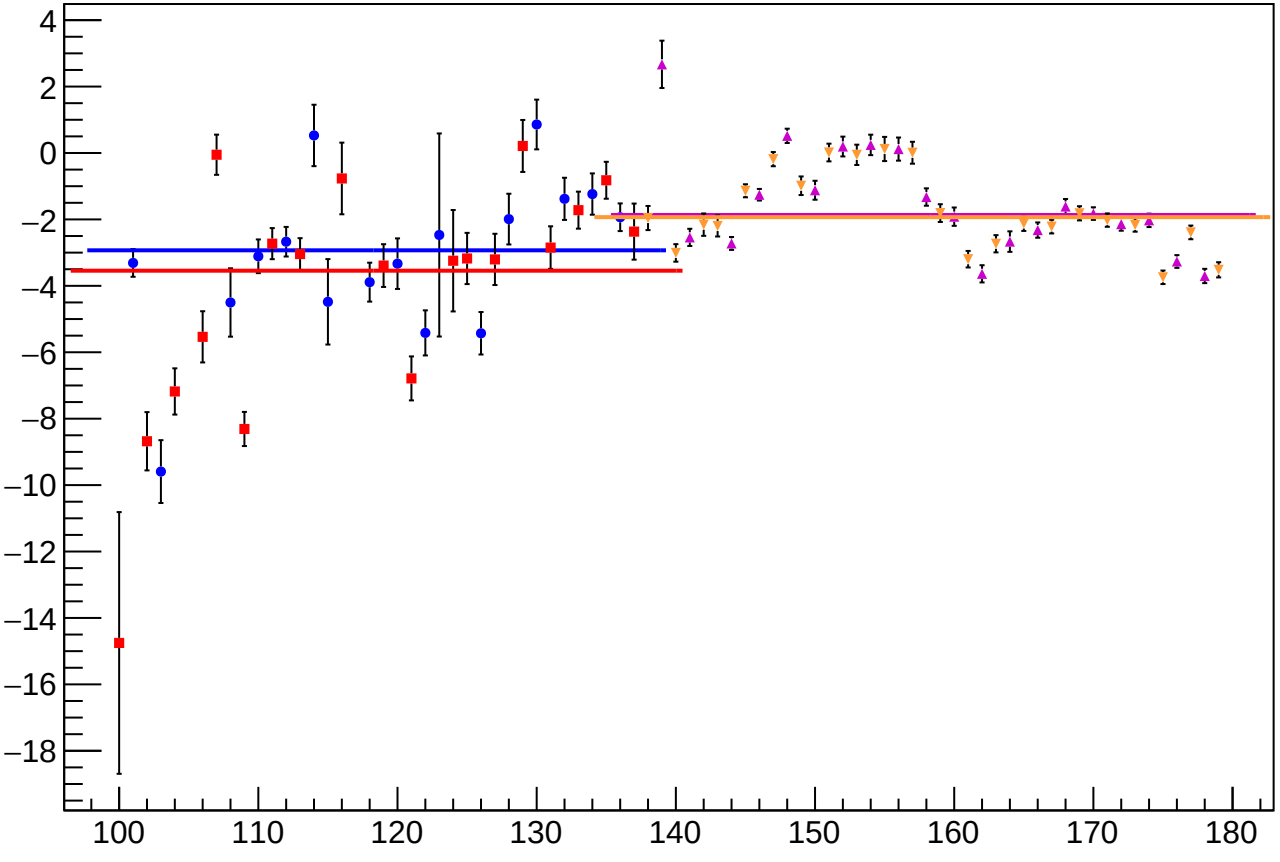
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.088+/-0.068 χ^2/NDF:773.6/19

Out: 2.375+/-0.068 χ^2/NDF:723.3/21

All: 2.233+/-0.048 χ^2/NDF: 1505.8/41

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.930+/-0.154 χ^2/NDF: 146.5/16

Left Out: -1.932+/-0.052 χ^2/NDF:441.9/21

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -1.867+/-0.053 χ^2/NDF:527.1/19

Left: -1.900+/-0.037 χ^2/NDF: 969.8/41

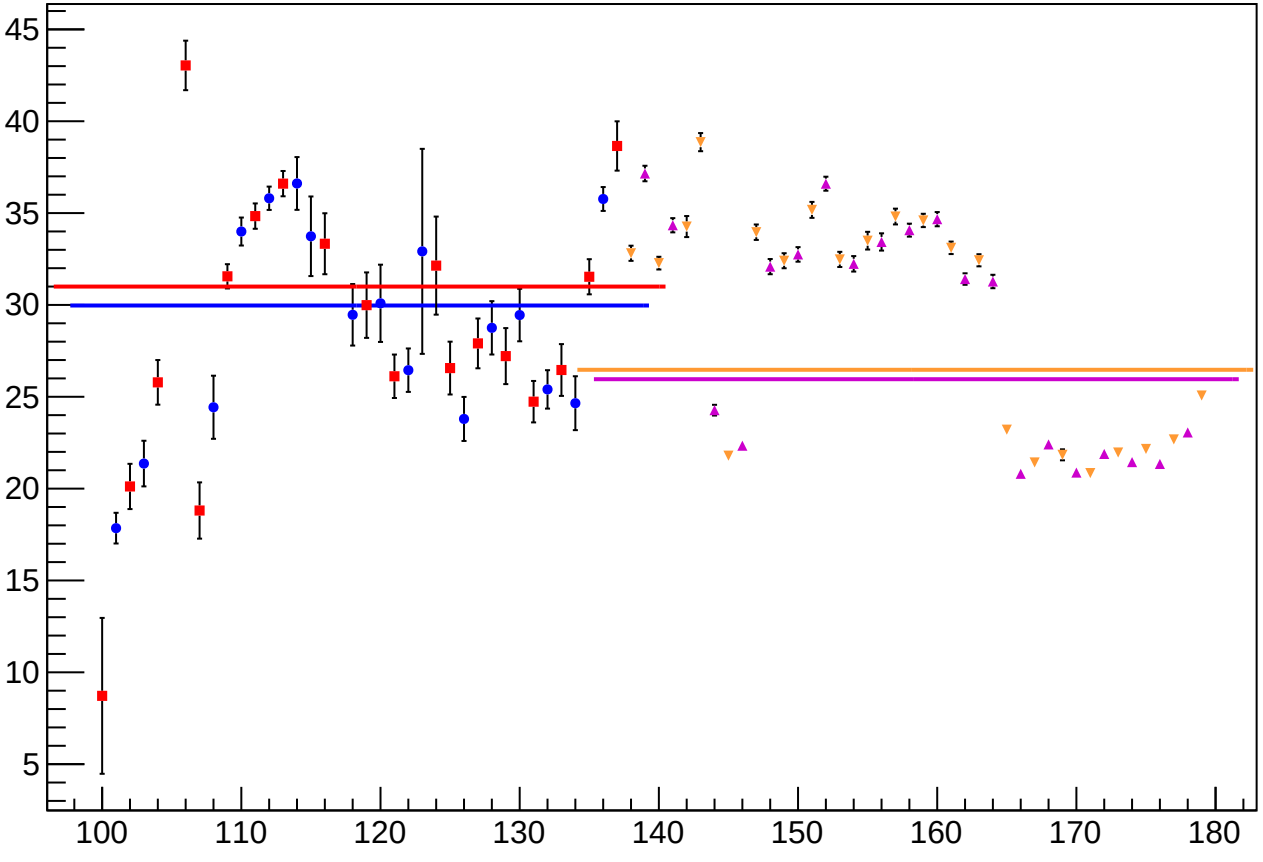
Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -1.979+/-0.050 χ^2/NDF:716.3/36

Out: -2.096+/-0.049 χ^2/NDF:831.3/40

All: -2.038+/-0.035 χ^2/NDF: 1550.4/77

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969+/-0.267 χ^2/NDF: 554.3/16

Left Out: 26.469+/-0.068 χ^2/NDF:6791.6/21

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 25.957+/-0.068 χ^2/NDF:6856.8/19

Left: 26.216+/-0.048 χ^2/NDF: 13676.7/41

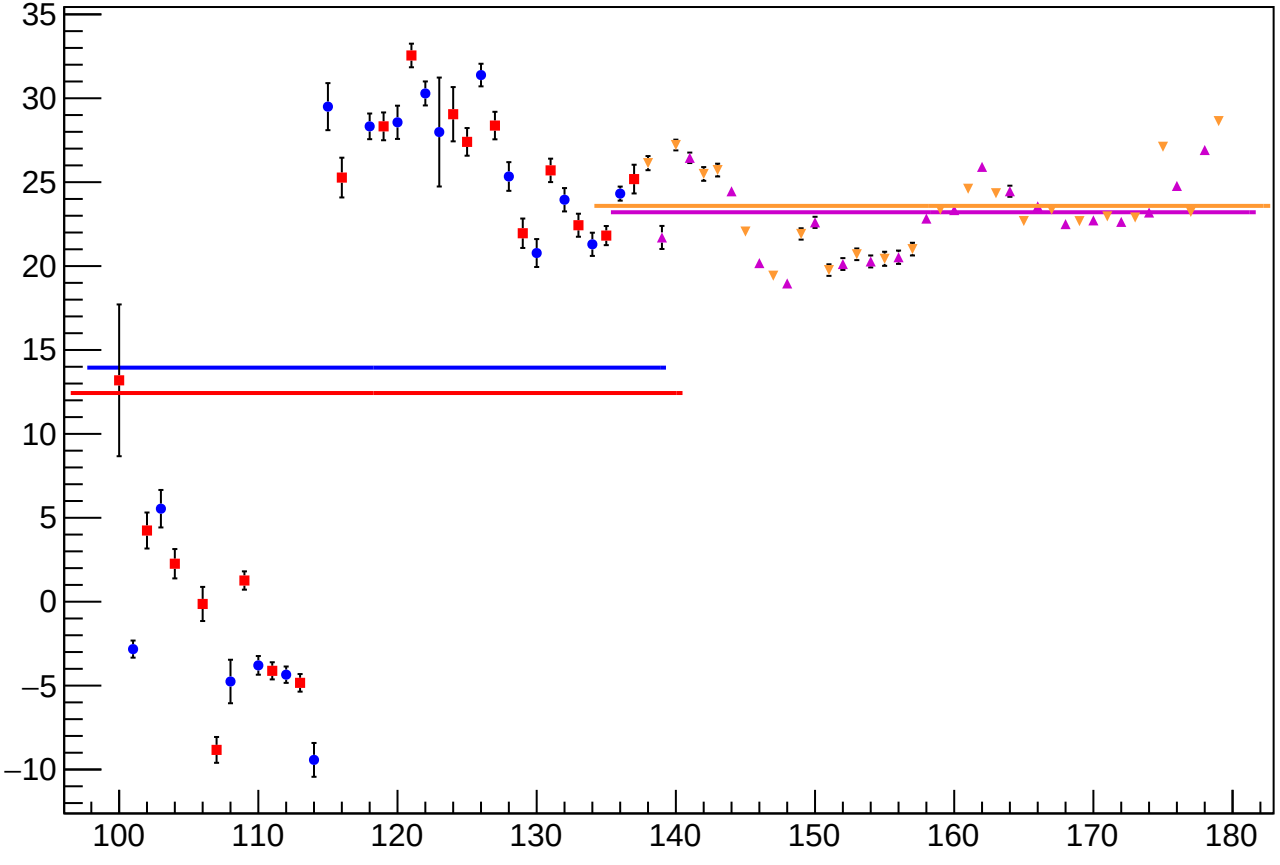
Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 26.204+/-0.066 χ^2/NDF:7623.4/36

Out: 26.757+/-0.066 χ^2/NDF:7555.5/40

All: 26.484+/-0.047 χ^2/NDF: 15214.1/77

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948+/-0.172 χ^2/NDF: 7391.9/16

Left Out: 23.587+/-0.059 χ^2/NDF:1532.7/21

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 23.208+/-0.060 χ^2/NDF:1188.2/19

Left: 23.401+/-0.042 χ^2/NDF: 2741.5/41

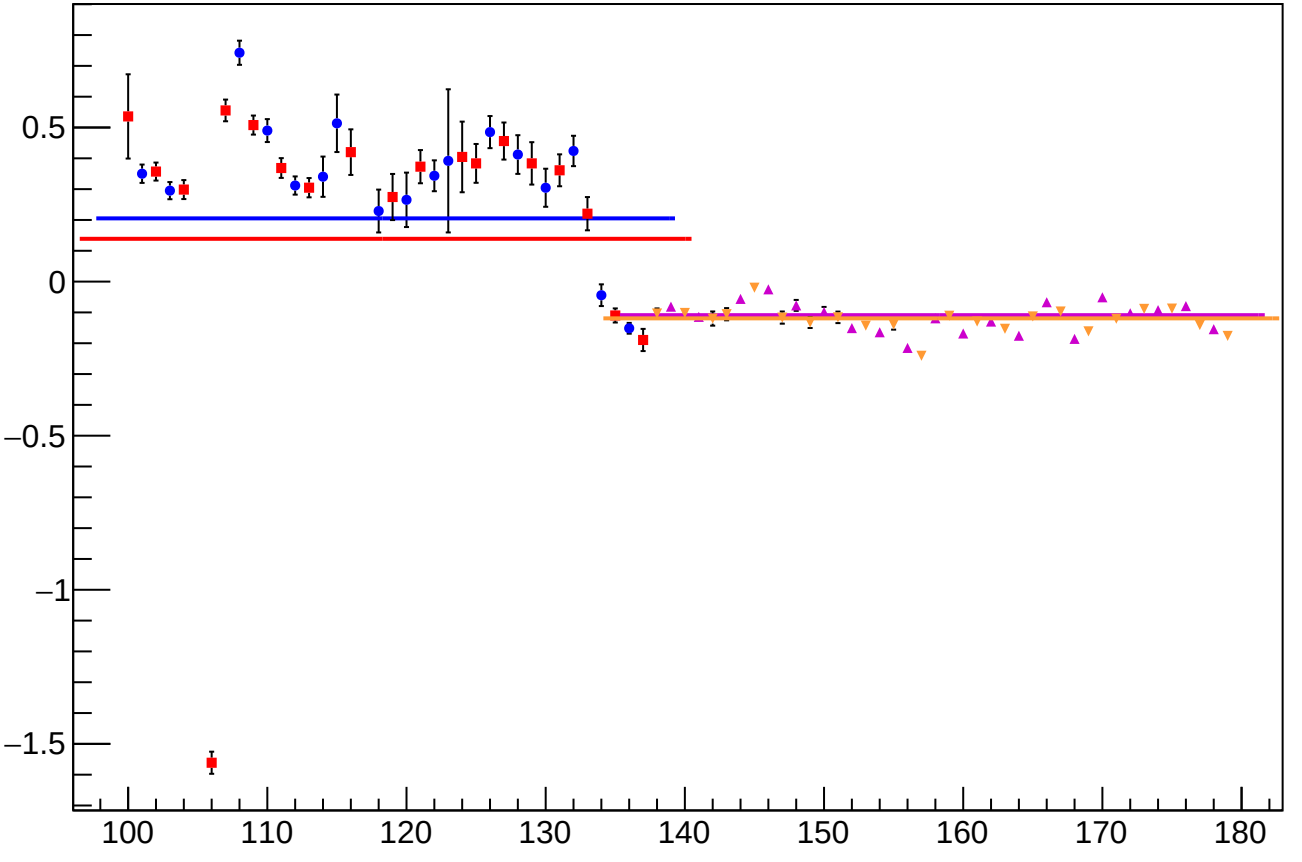
Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 22.215+/-0.056 χ^2/NDF:11168.9/36

Out: 22.447+/-0.056 χ^2/NDF:12197.4/40

All: 22.333+/-0.040 χ^2/NDF: 23374.8/77

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: -0.119+/-0.003 χ^2/NDF:249.8/21

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.109+/-0.003 χ^2/NDF:317.4/19

Left: -0.114+/-0.002 χ^2/NDF: 574.6/41

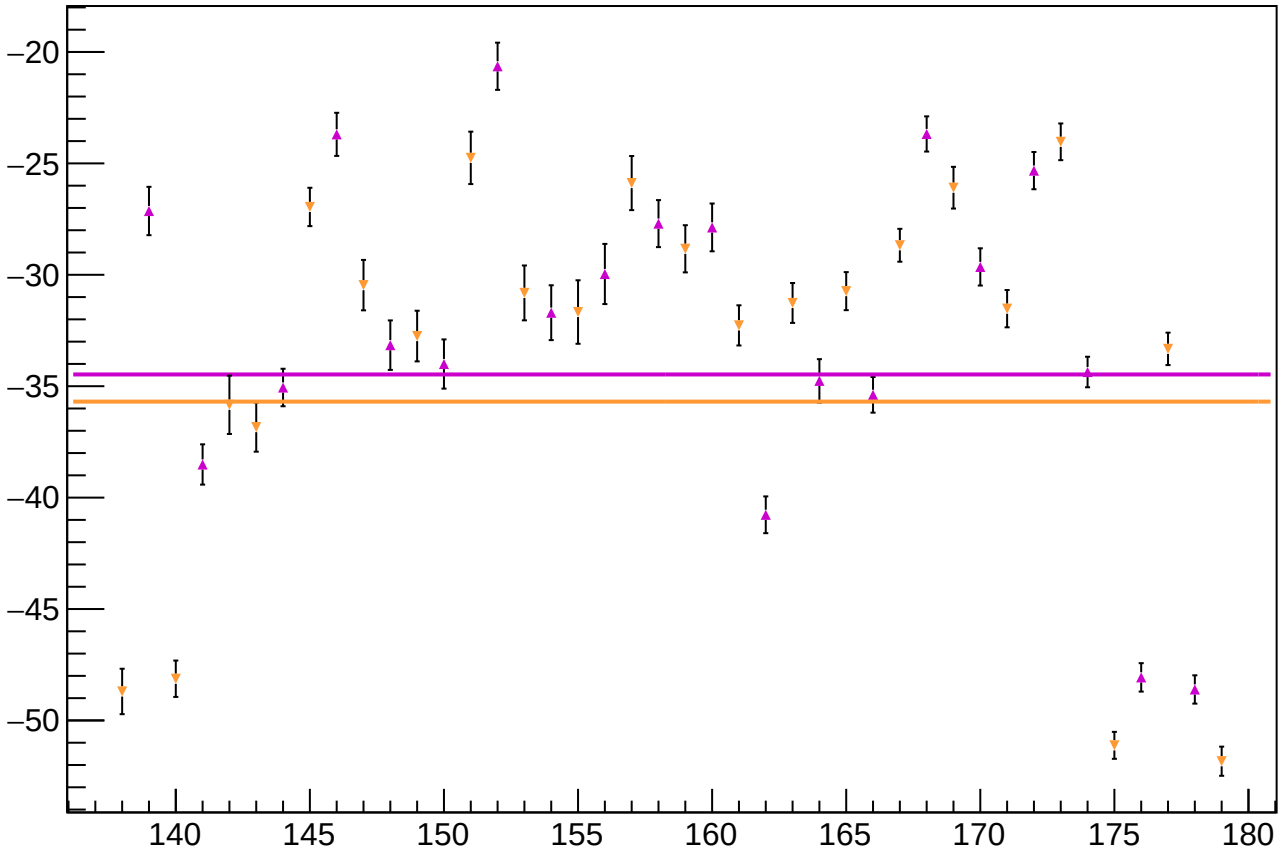
Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: -0.085+/-0.003 χ^2/NDF:2202.3/36

Out: -0.099+/-0.003 χ^2/NDF:3992.6/40

All: -0.092+/-0.002 χ^2/NDF: 6210.2/77

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -35.691+/-0.193 χ^2/NDF:2506.4/21

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

Left In: -34.473+/-0.197 χ^2/NDF:1806.6/19

Left: -35.096+/-0.138 χ^2/NDF: 4332.5/41

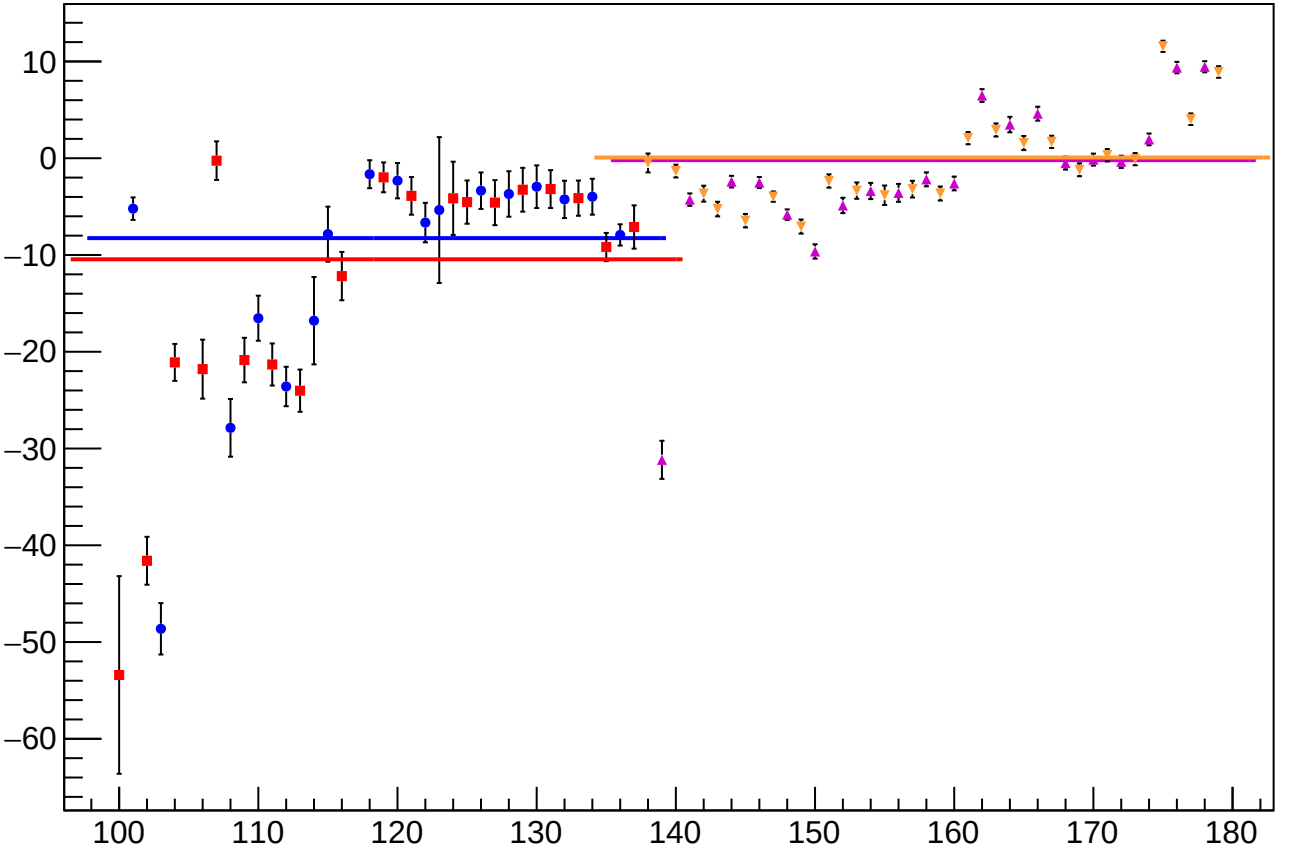
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -34.473+/-0.197 χ^2/NDF:1806.6/19

Out: -35.691+/-0.193 χ^2/NDF:2506.4/21

All: -35.096+/-0.138 χ^2/NDF: 4332.5/41

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257+/-0.462 χ^2/NDF: 412.1/16

Left Out: 0.075+/-0.147 χ^2/NDF:1096.3/21

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -0.198+/-0.151 χ^2/NDF:1397.6/19

Left: -0.057+/-0.105 χ^2/NDF: 2495.6/41

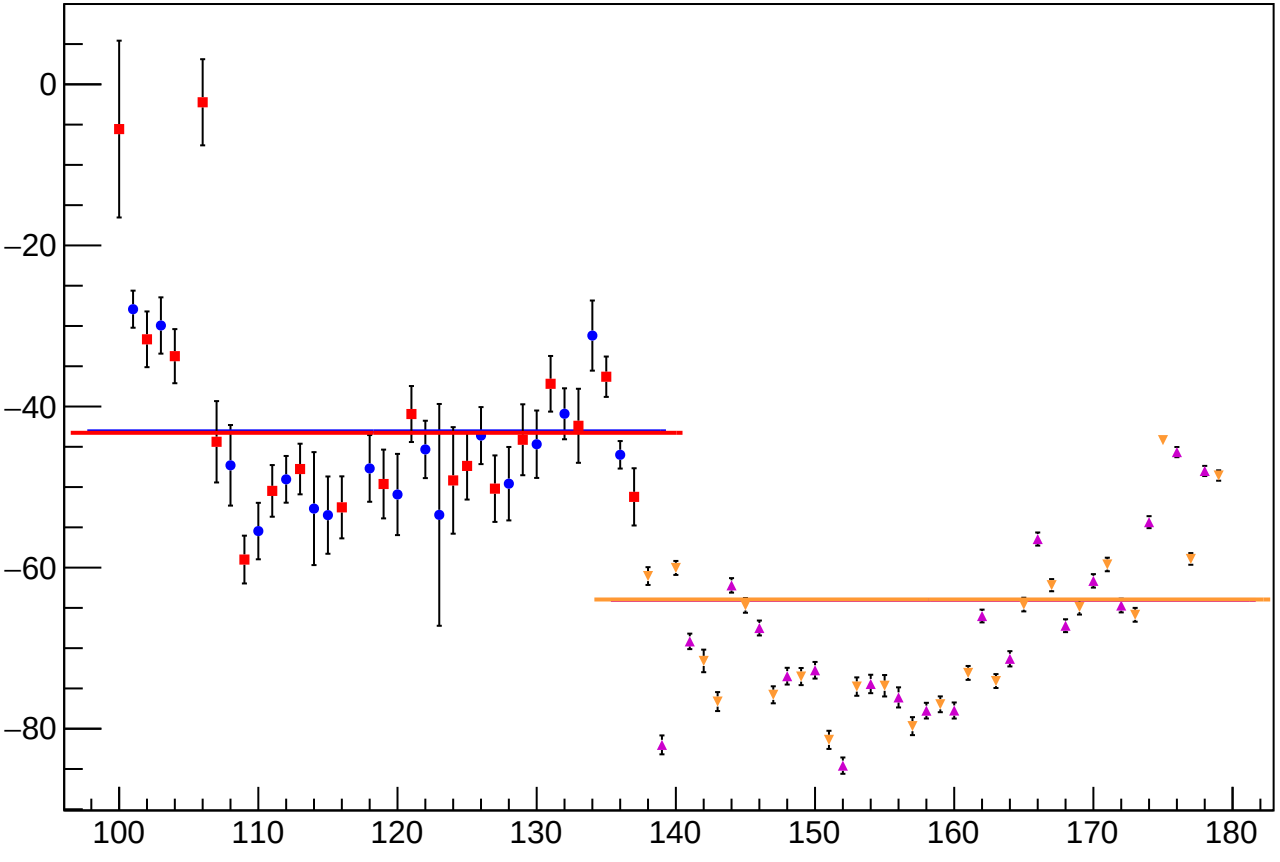
Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: -0.980+/-0.144 χ^2/NDF:2084.3/36

Out: -0.785+/-0.140 χ^2/NDF:1946.0/40

All: -0.880+/-0.101 χ^2/NDF: 4031.2/77

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: -63.958+/-0.192 χ^2/NDF:3121.4/21

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -64.016+/-0.196 χ^2/NDF:3248.1/19

Left: -63.986+/-0.137 χ^2/NDF: 6369.5/41

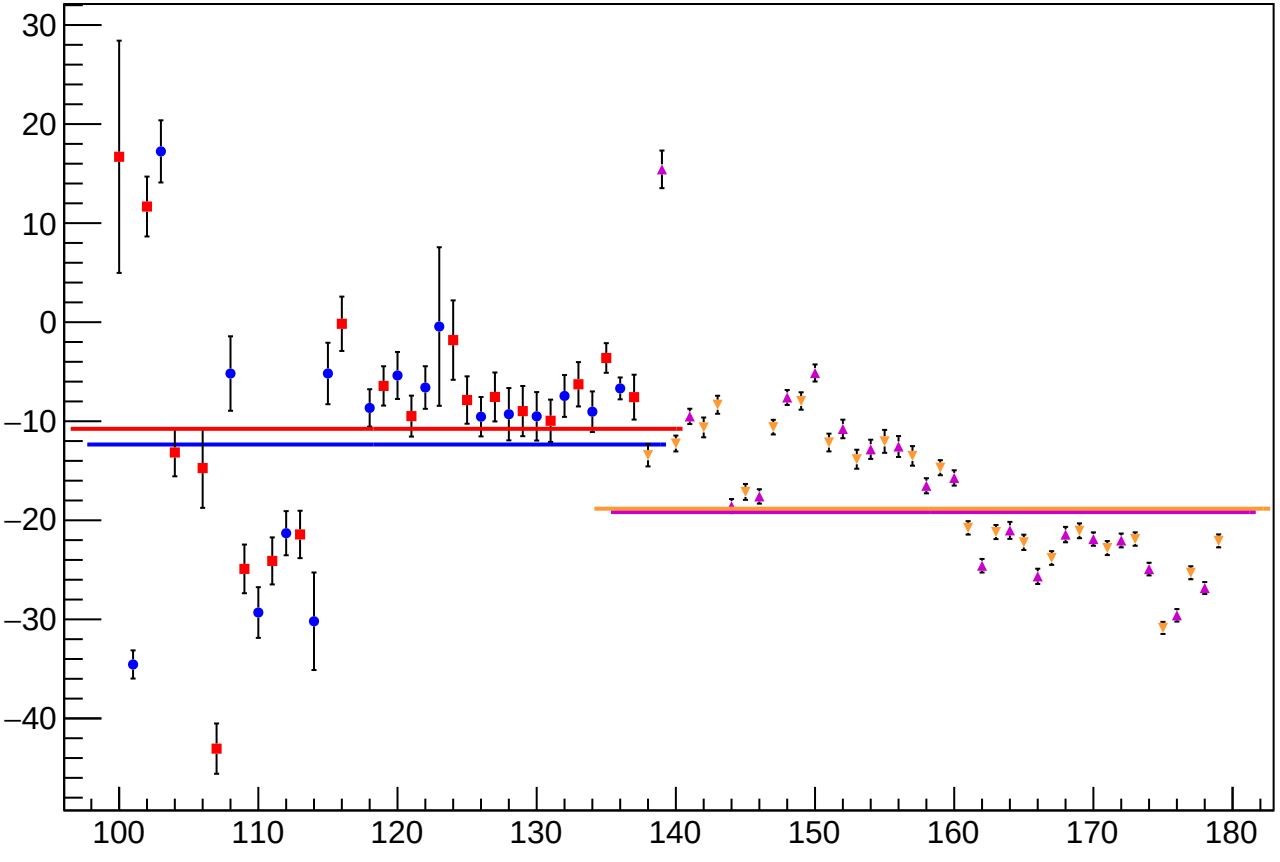
Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -62.916+/-0.191 χ^2/NDF:3943.8/36

Out: -62.988+/-0.188 χ^2/NDF:3819.4/40

All: -62.953+/-0.134 χ^2/NDF: 7763.3/77

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348+/-0.520 χ^2/NDF: 475.9/16

Left Out: -18.827+/-0.166 χ^2/NDF:1411.0/21

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -19.168+/-0.171 χ^2/NDF:1879.3/19

Left: -18.992+/-0.119 χ^2/NDF: 3292.3/41

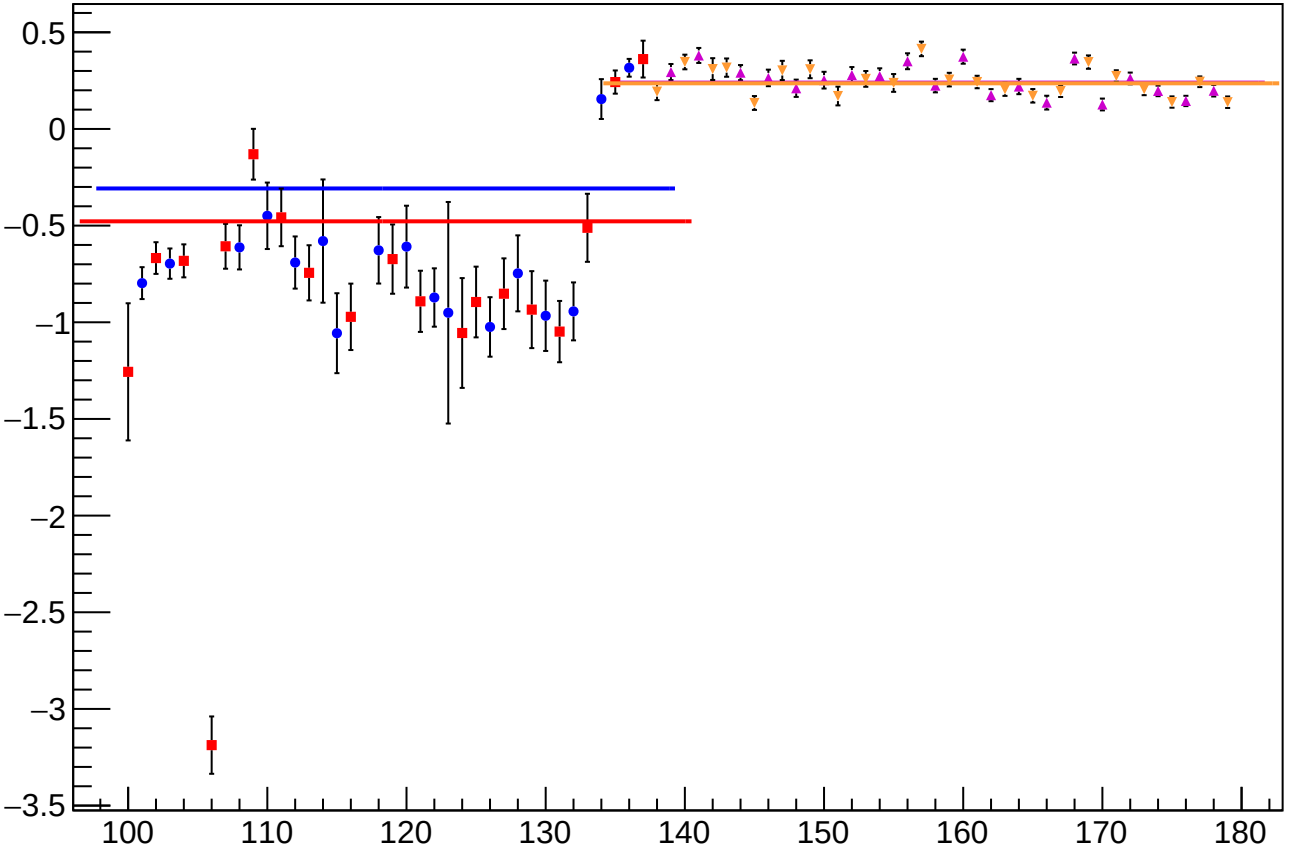
Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -18.500+/-0.163 χ^2/NDF:2510.6/36

Out: -18.161+/-0.159 χ^2/NDF:1972.2/40

All: -18.327+/-0.114 χ^2/NDF: 4485.0/77

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: 0.236+/-0.008 χ^2/NDF:91.5/21

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.240+/-0.008 χ^2/NDF:100.9/19

Left: 0.238+/-0.005 χ^2/NDF: 192.5/41

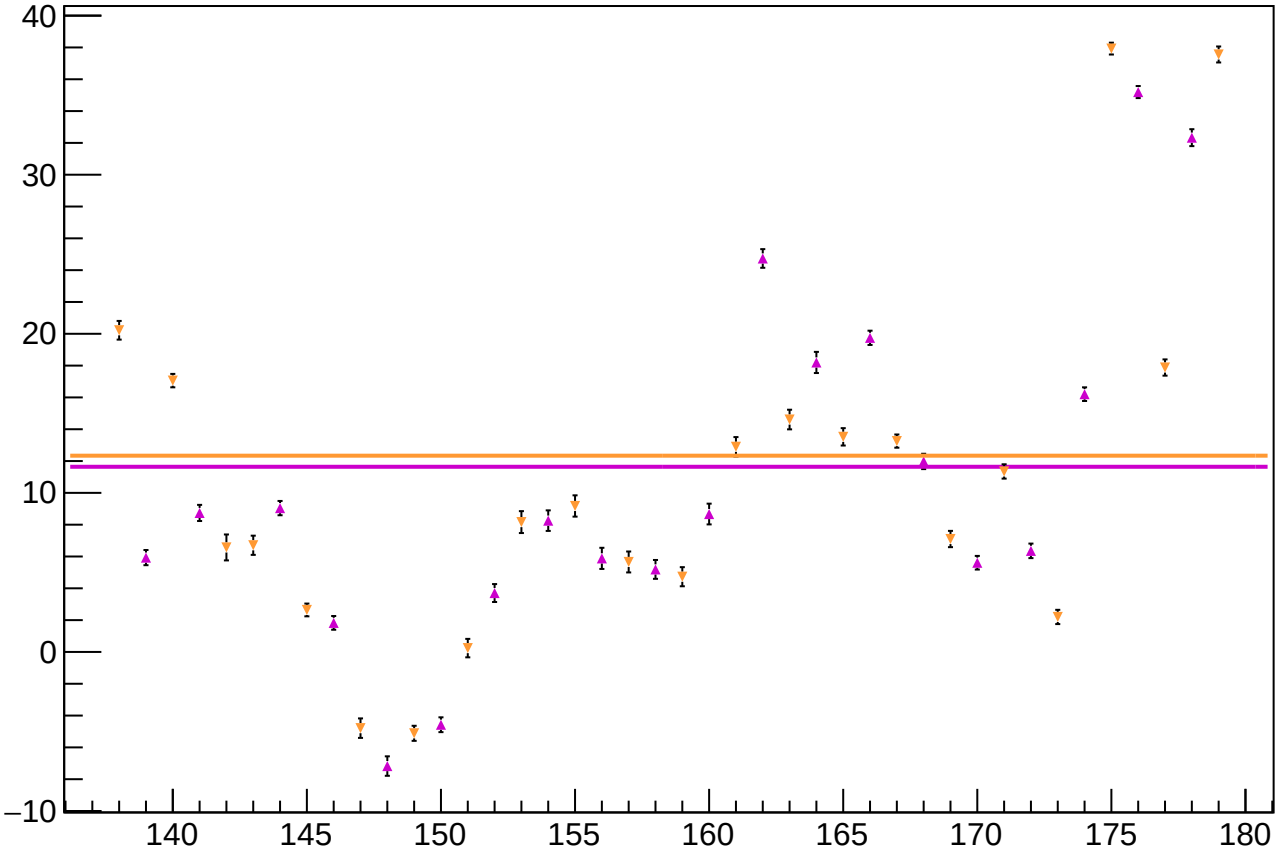
Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.199+/-0.008 χ^2/NDF:839.8/36

Out: 0.188+/-0.007 χ^2/NDF:1306.4/40

All: 0.193+/-0.005 χ^2/NDF: 2147.3/77

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: 12.337+/-0.111 χ^2/NDF:11921.4/21

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

Left In: 11.640+/-0.112 χ^2/NDF:10067.2/19

Left: 11.994+/-0.079 χ^2/NDF: 22008.2/41

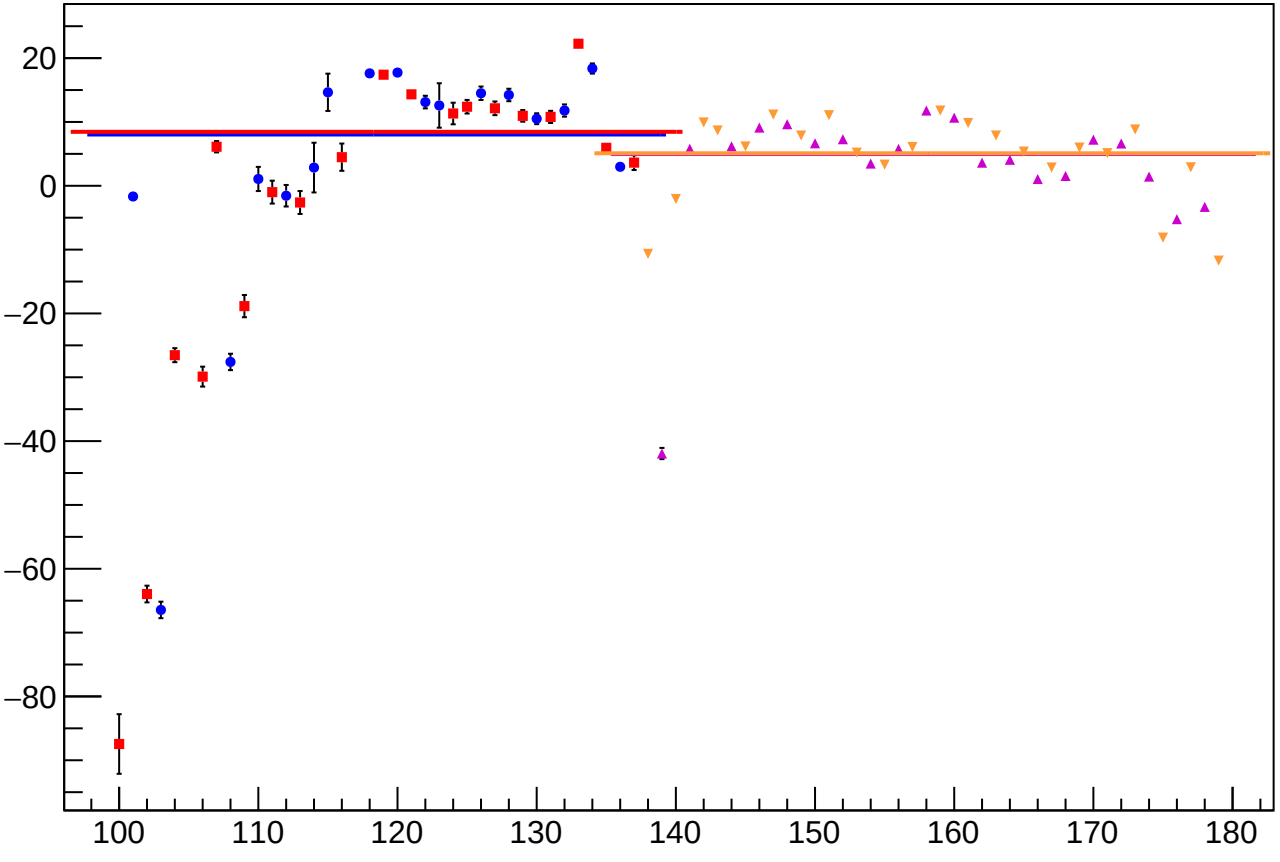
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.640+/-0.112 χ^2/NDF:10067.2/19

Out: 12.337+/-0.111 χ^2/NDF:11921.4/21

All: 11.994+/-0.079 χ^2/NDF: 22008.2/41

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036+/-0.215 χ^2/NDF: 5369.4/16

Left Out: 5.092+/-0.083 χ^2/NDF:5400.0/21

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 4.972+/-0.086 χ^2/NDF:5316.3/19

Left: 5.034+/-0.060 χ^2/NDF: 10717.3/41

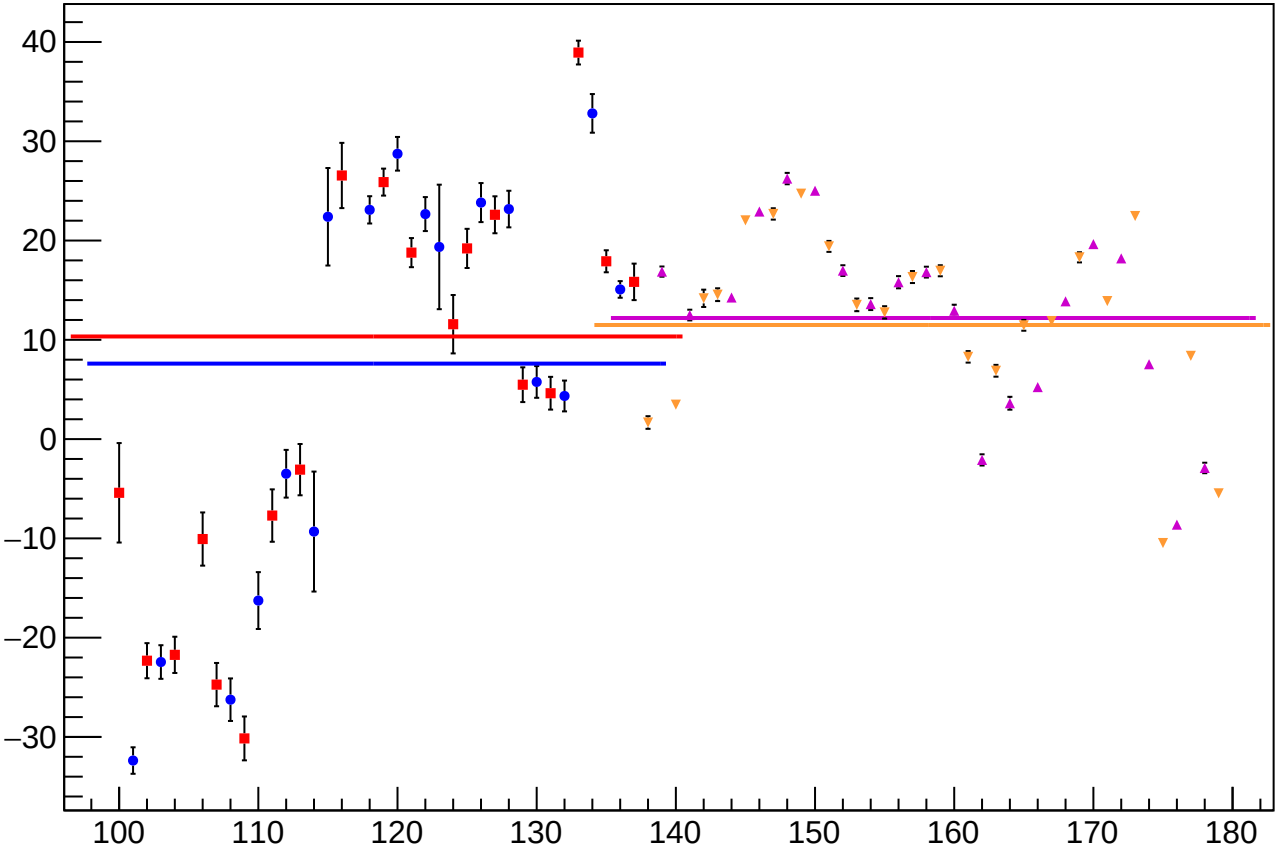
Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 5.391+/-0.080 χ^2/NDF:10860.9/36

Out: 5.535+/-0.077 χ^2/NDF:12320.0/40

All: 5.465+/-0.055 χ^2/NDF: 23182.5/77

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: 11.494+/-0.110 χ^2/NDF:8397.5/21

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 12.199+/-0.112 χ^2/NDF:7950.2/19

Left: 11.842+/-0.078 χ^2/NDF: 16367.9/41

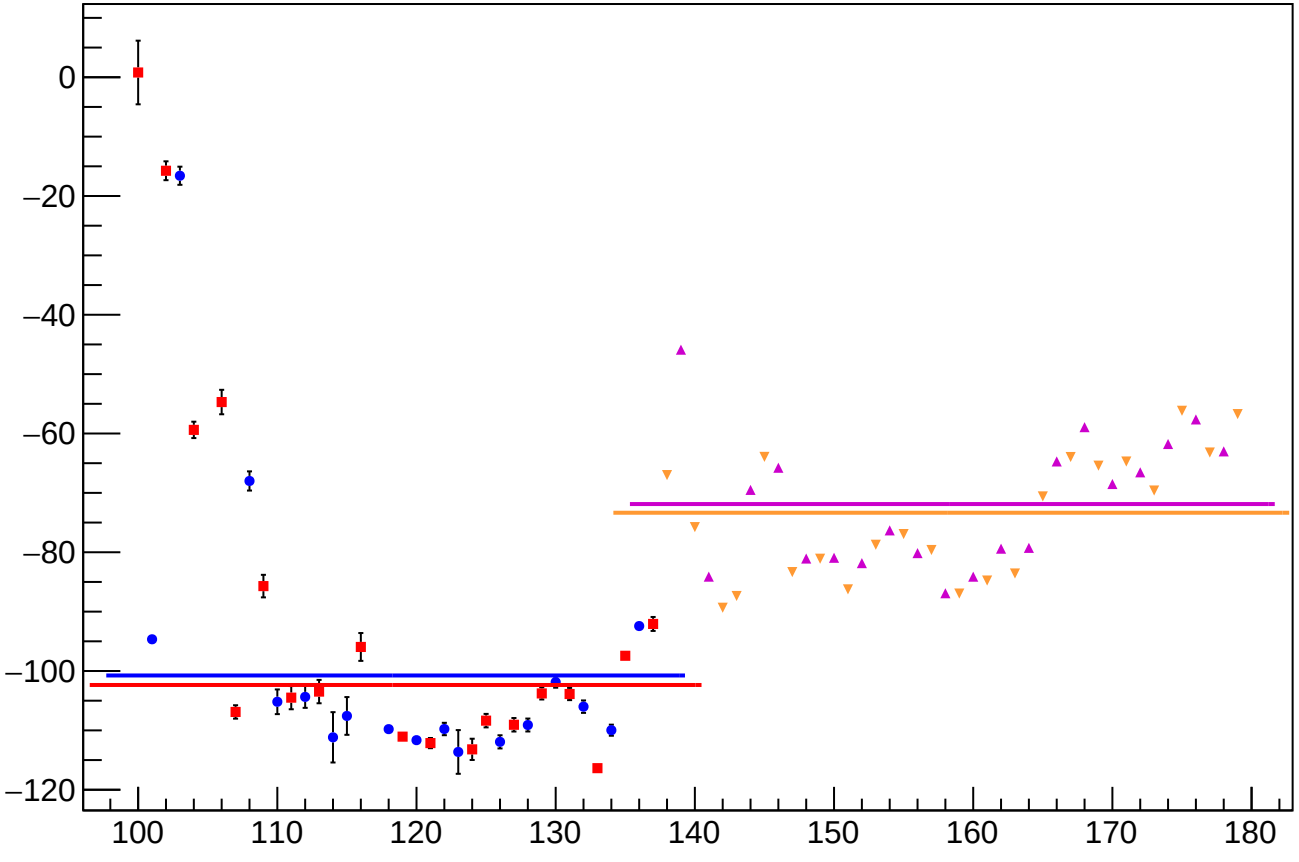
Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 11.890+/-0.108 χ^2/NDF:10389.1/36

Out: 11.418+/-0.107 χ^2/NDF:10686.5/40

All: 11.651+/-0.076 χ^2/NDF: 21085.3/77

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: -73.345+/-0.095 χ^2/NDF:11658.0/21

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -71.881+/-0.097 χ^2/NDF:9846.2/19

Left: -72.631+/-0.068 χ^2/NDF: 21620.1/41

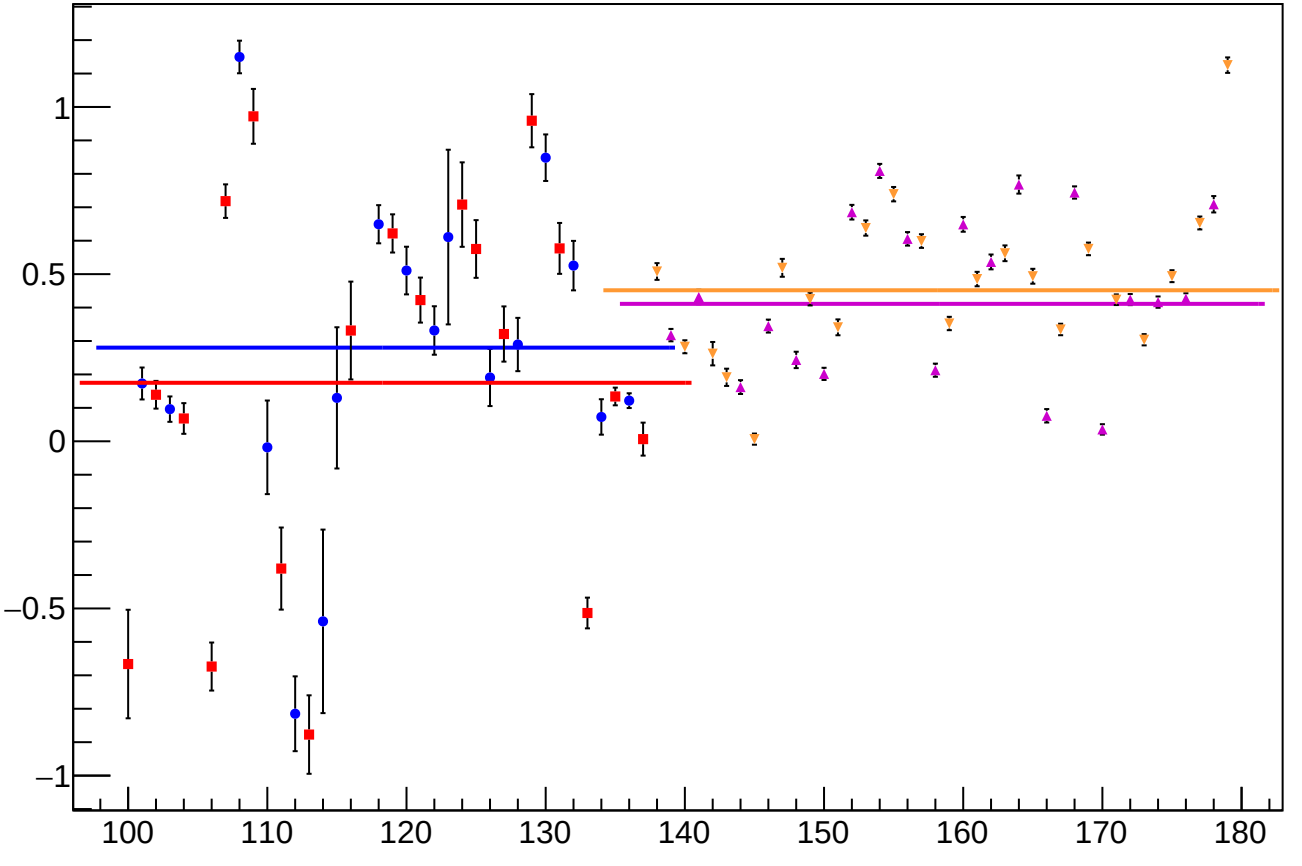
Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -75.734+/-0.091 χ^2/NDF:26112.7/36

Out: -77.096+/-0.089 χ^2/NDF:29822.5/40

All: -76.431+/-0.063 χ^2/NDF: 56050.8/77

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: 0.452+/-0.004 χ^2/NDF:2433.6/21

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.411+/-0.004 χ^2/NDF:2720.2/19

Left: 0.432+/-0.003 χ^2/NDF: 5196.7/41

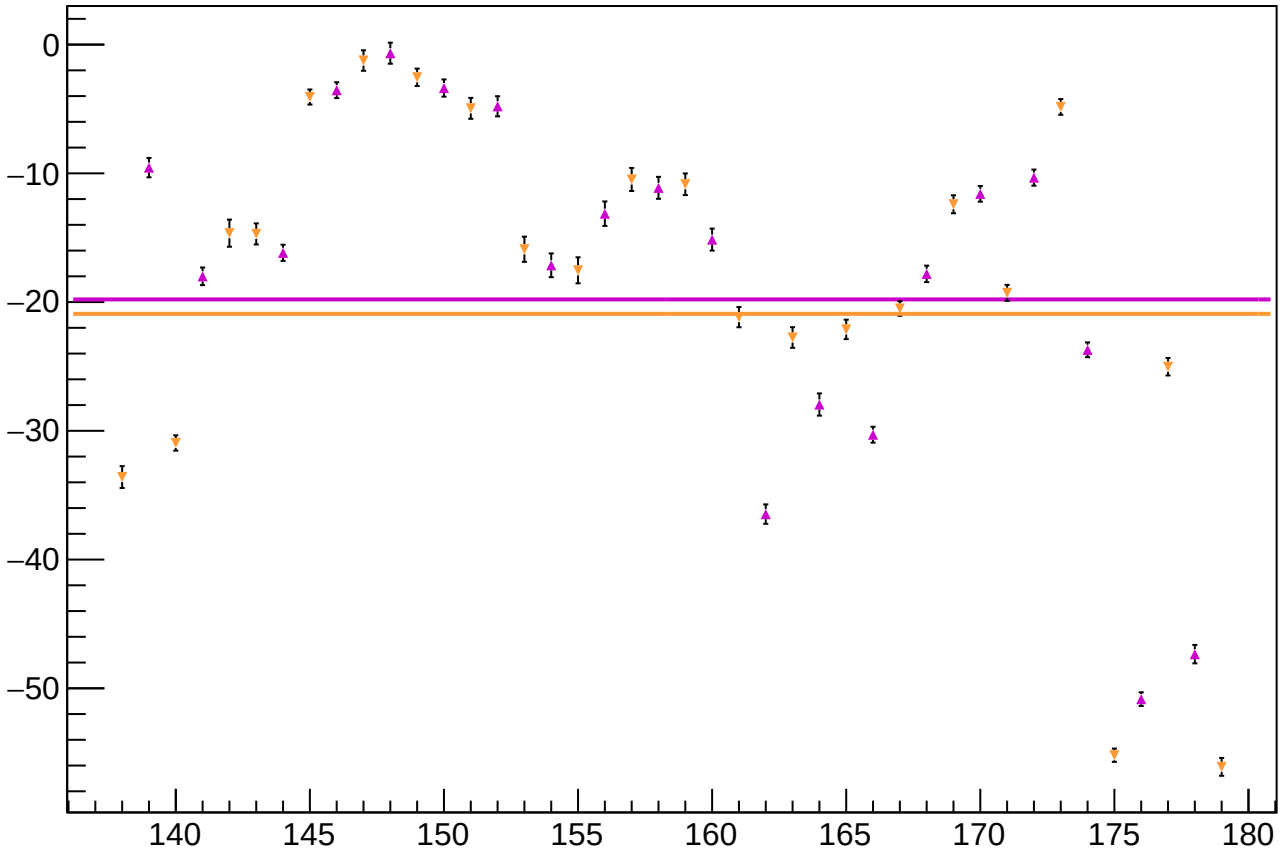
Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.398+/-0.004 χ^2/NDF:3461.6/36

Out: 0.425+/-0.004 χ^2/NDF:3783.5/40

All: 0.412+/-0.003 χ^2/NDF: 7265.7/77

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -20.914+/-0.153 χ^2/NDF:11315.0/21

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

Left In: -19.795+/-0.155 χ^2/NDF:8865.3/19

Left: -20.364+/-0.109 χ^2/NDF: 20206.7/41

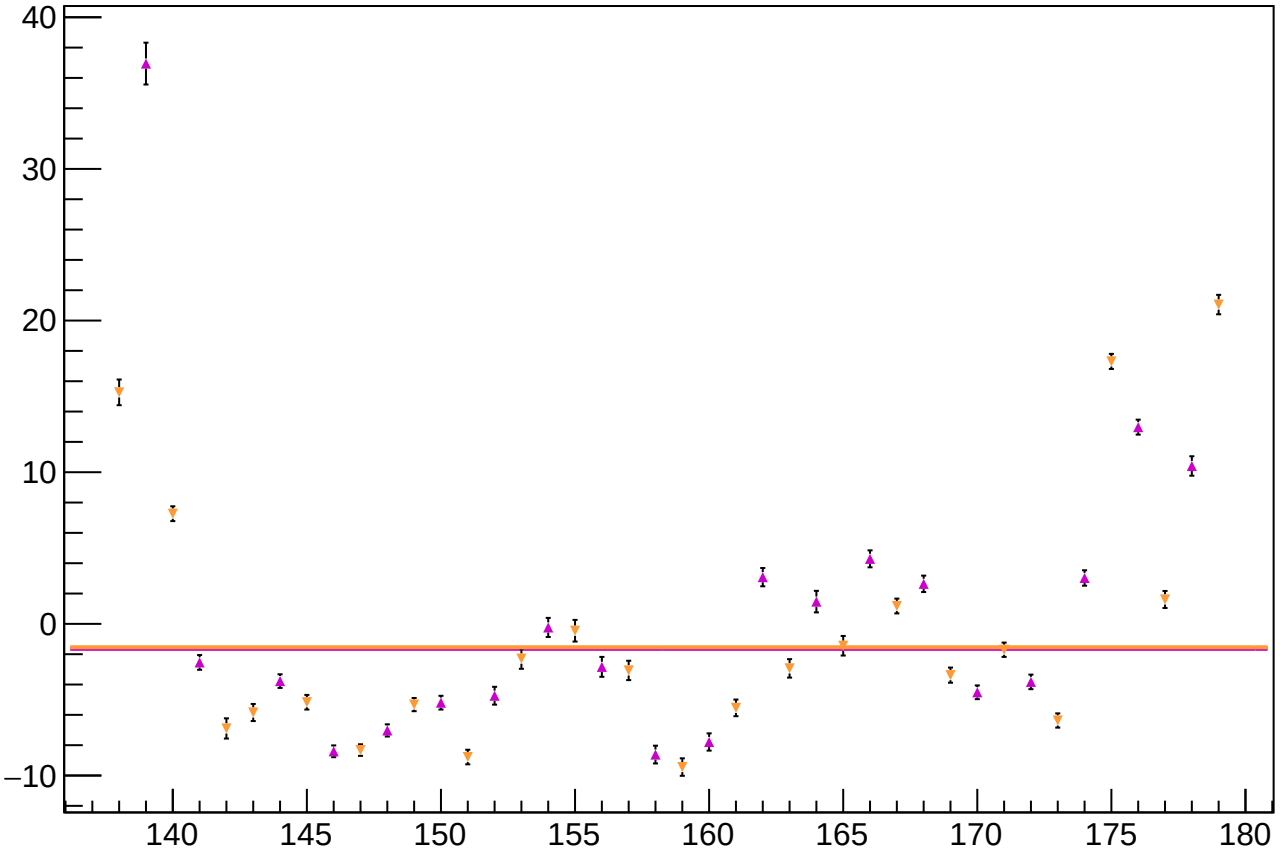
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.795+/-0.155 χ^2/NDF:8865.3/19

Out: -20.914+/-0.153 χ^2/NDF:11315.0/21

All: -20.364+/-0.109 χ^2/NDF: 20206.7/41

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -1.543+/-0.114 χ^2/NDF:4624.9/21

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

Left In: -1.647+/-0.118 χ^2/NDF:3274.2/19

Left: -1.593+/-0.082 χ^2/NDF: 7899.5/41

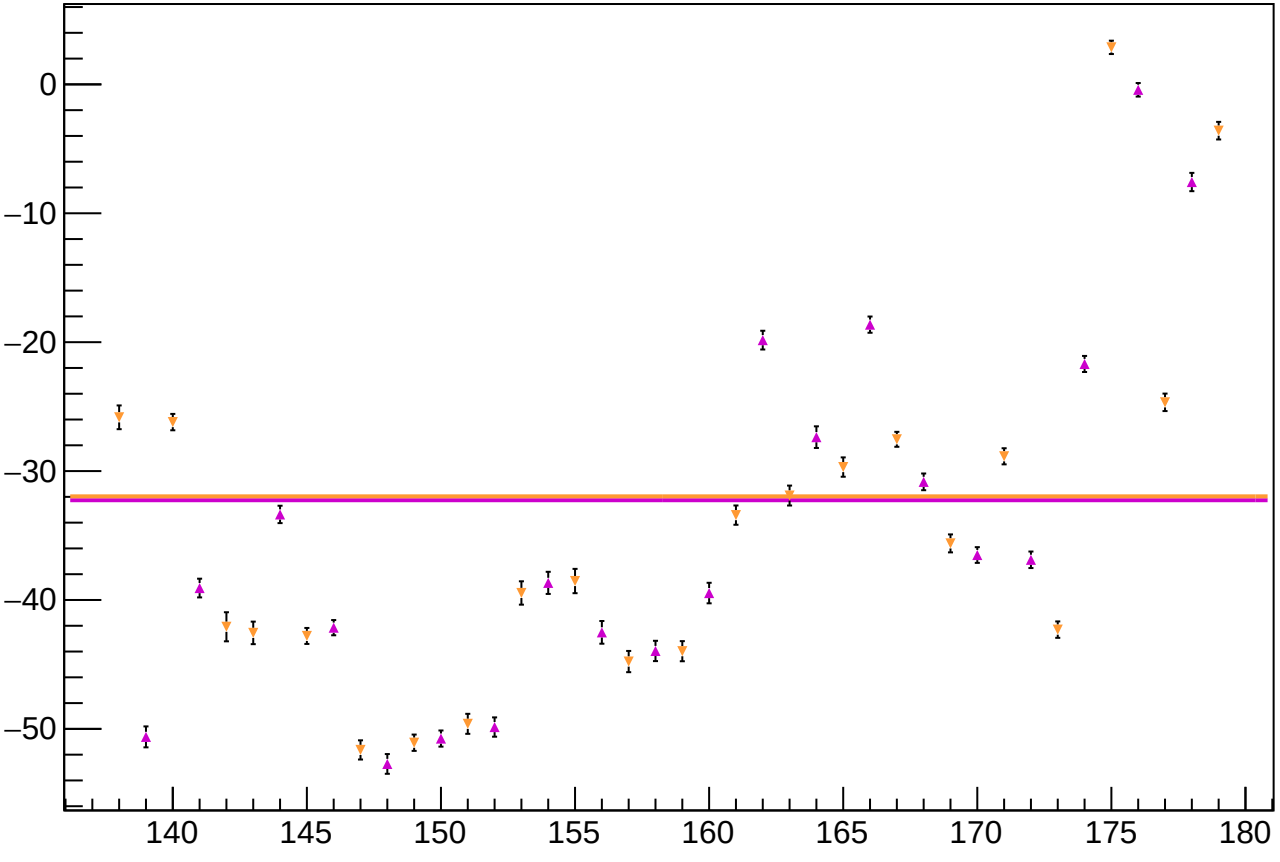
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.647+/-0.118 χ^2/NDF:3274.2/19

Out: -1.543+/-0.114 χ^2/NDF:4624.9/21

All: -1.593+/-0.082 χ^2/NDF: 7899.5/41

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: -31.960+/-0.152 χ^2/NDF:10128.4/21

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

Left In: -32.261+/-0.155 χ^2/NDF:9577.9/19

Left: -32.108+/-0.108 χ^2/NDF: 19708.2/41

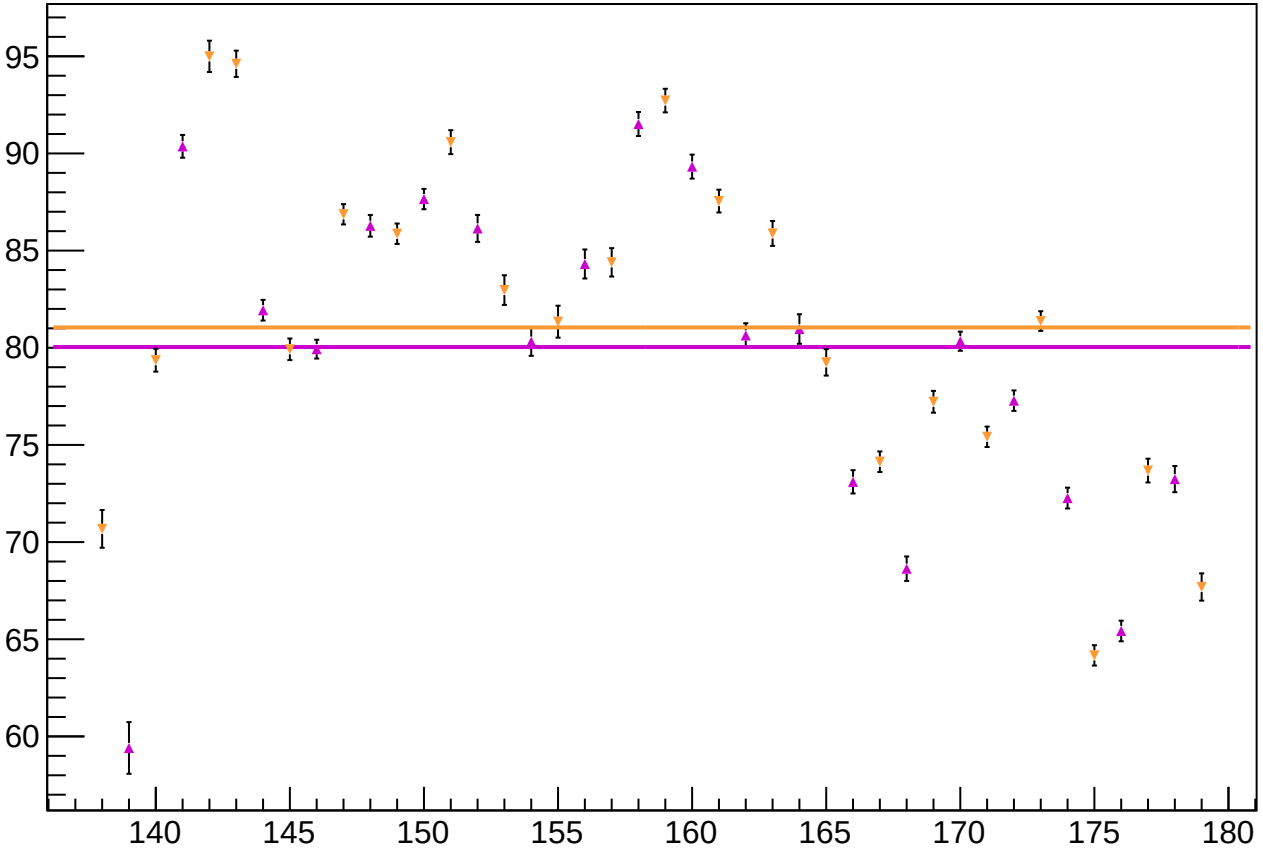
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.261+/-0.155 χ^2/NDF:9577.9/19

Out: -31.960+/-0.152 χ^2/NDF:10128.4/21

All: -32.108+/-0.108 χ^2/NDF: 19708.2/41

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 81.045+/-0.131 χ^2/NDF:3735.4/21

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

Left In: 80.037+/-0.134 χ^2/NDF:3144.4/19

Left: 80.555+/-0.094 χ^2/NDF: 6908.8/41

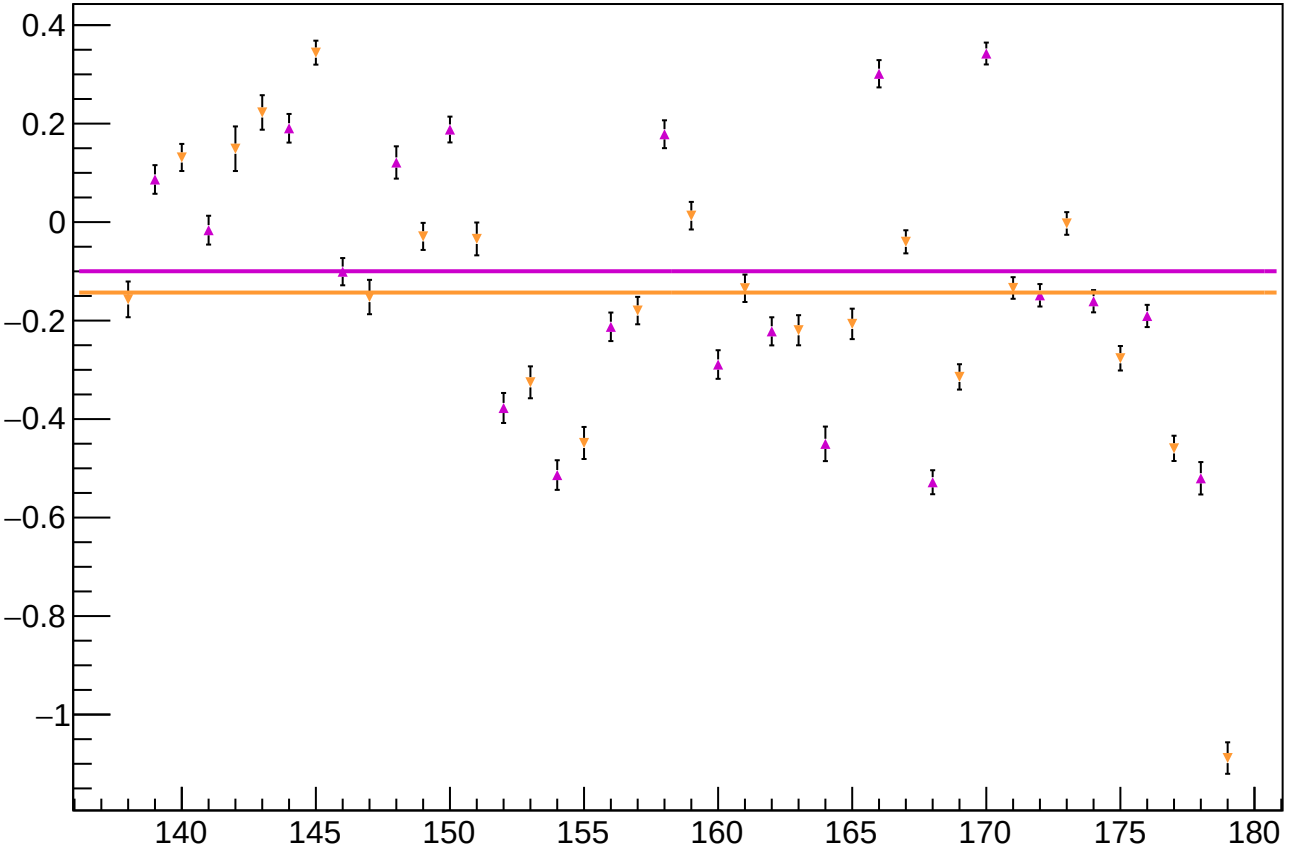
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 80.037+/-0.134 χ^2/NDF:3144.4/19

Out: 81.045+/-0.131 χ^2/NDF:3735.4/21

All: 80.555+/-0.094 χ^2/NDF: 6908.8/41

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: -0.143+/-0.006 χ^2/NDF:1997.5/21

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

Left In: -0.100+/-0.006 χ^2/NDF:1965.3/19

Left: -0.122+/-0.004 χ^2/NDF: 3988.2/41

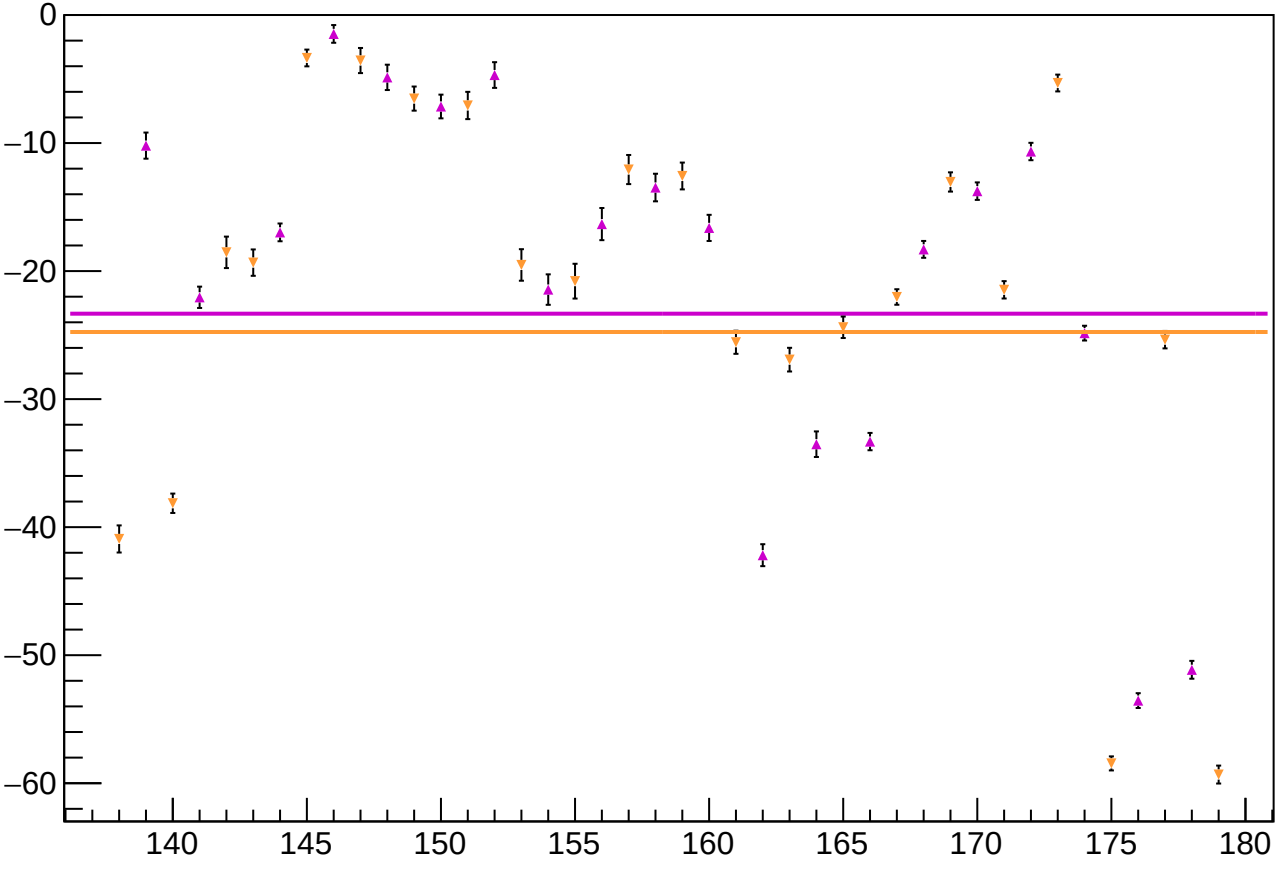
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.100+/-0.006 χ^2/NDF:1965.3/19

Out: -0.143+/-0.006 χ^2/NDF:1997.5/21

All: -0.122+/-0.004 χ^2/NDF: 3988.2/41

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: -24.757+/-0.175 χ^2/NDF:10442.9/21

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

Left In: -23.327+/-0.176 χ^2/NDF:8140.8/19

Left: -24.050+/-0.124 χ^2/NDF: 18616.9/41

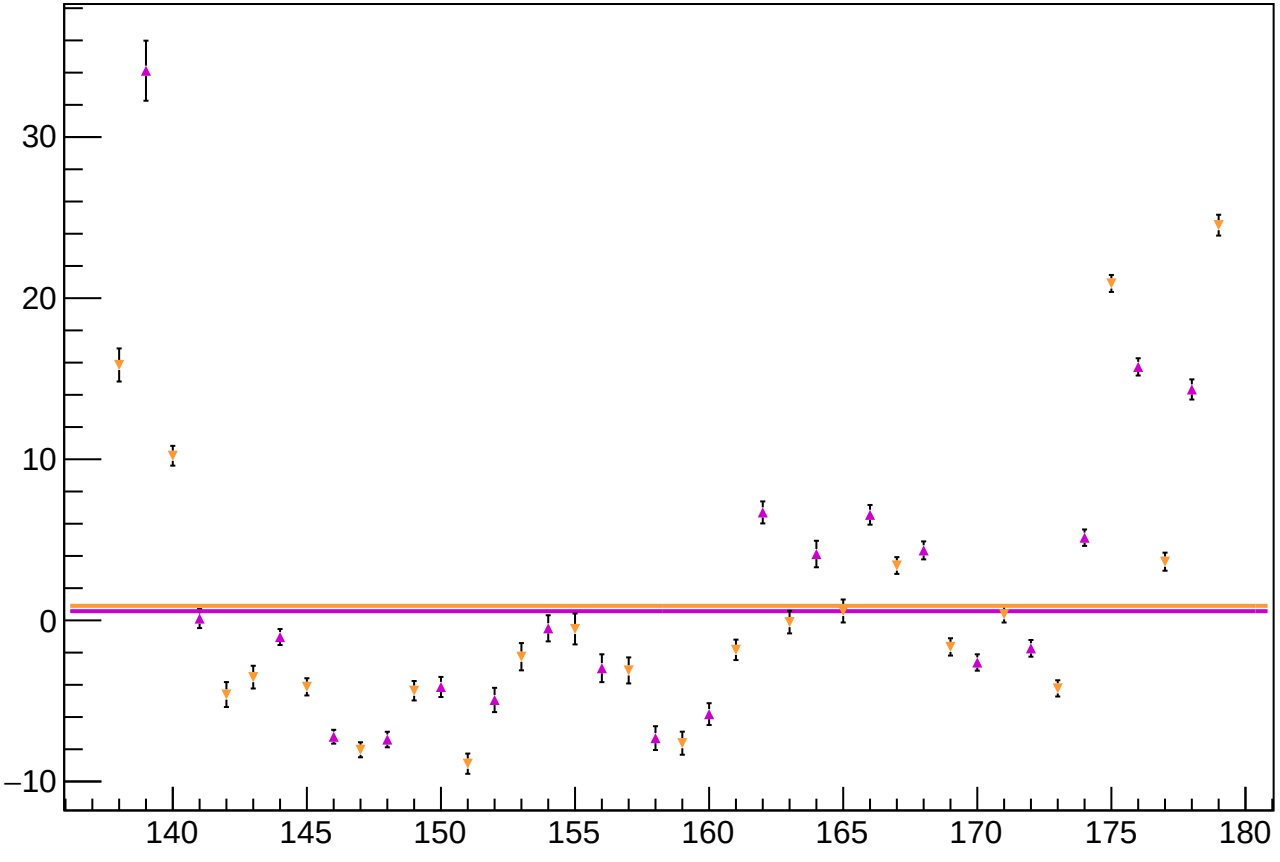
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -23.327+/-0.176 χ^2/NDF:8140.8/19

Out: -24.757+/-0.175 χ^2/NDF:10442.9/21

All: -24.050+/-0.124 χ^2/NDF: 18616.9/41

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 0.903+/-0.132 χ^2/NDF:4461.9/21

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

Left In: 0.572+/-0.135 χ^2/NDF:2936.3/19

Left: 0.740+/-0.094 χ^2/NDF: 7401.3/41

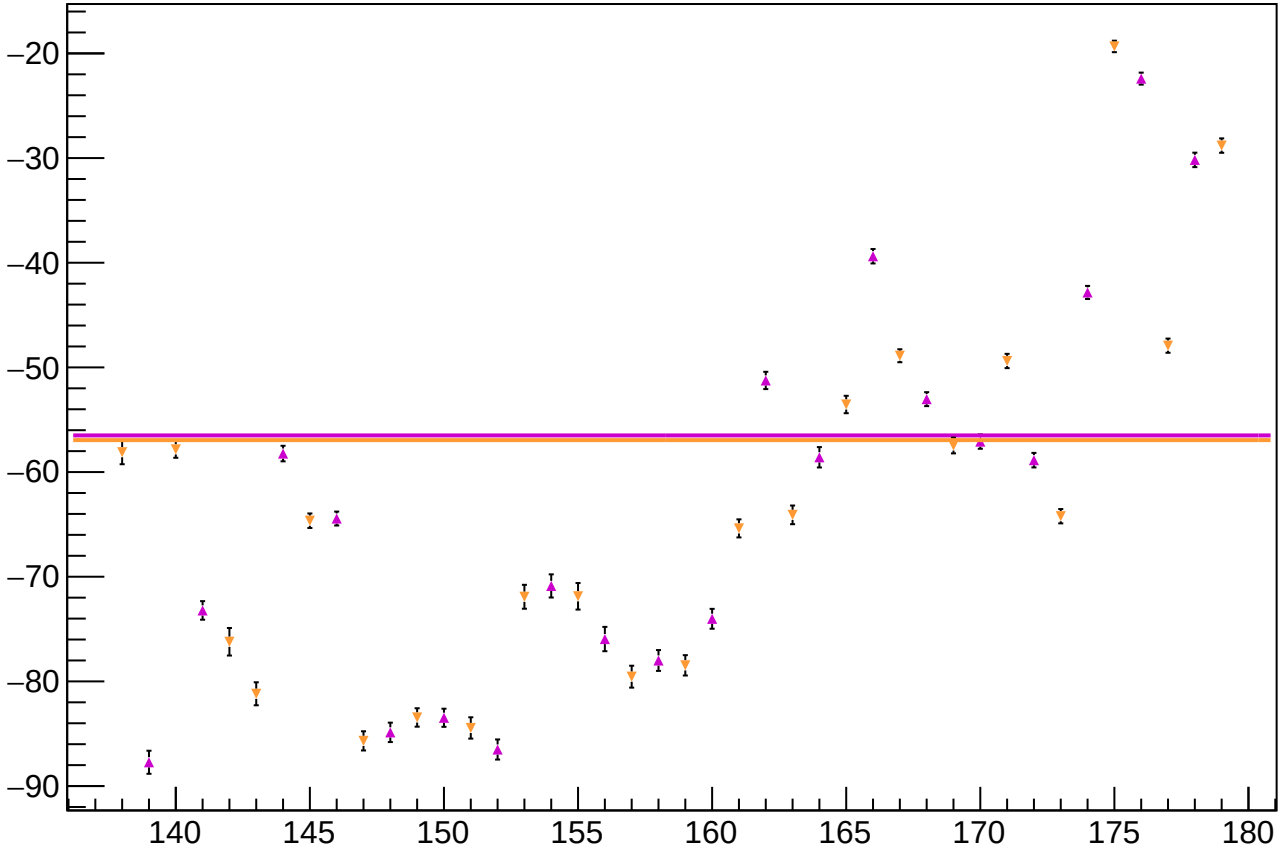
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.572+/-0.135 χ^2/NDF:2936.3/19

Out: 0.903+/-0.132 χ^2/NDF:4461.9/21

All: 0.740+/-0.094 χ^2/NDF: 7401.3/41

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: -56.948+/-0.174 χ^2/NDF:11809.8/21

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

Left In: -56.500+/-0.176 χ^2/NDF:11610.2/19

Left: -56.726+/-0.124 χ^2/NDF: 23423.3/41

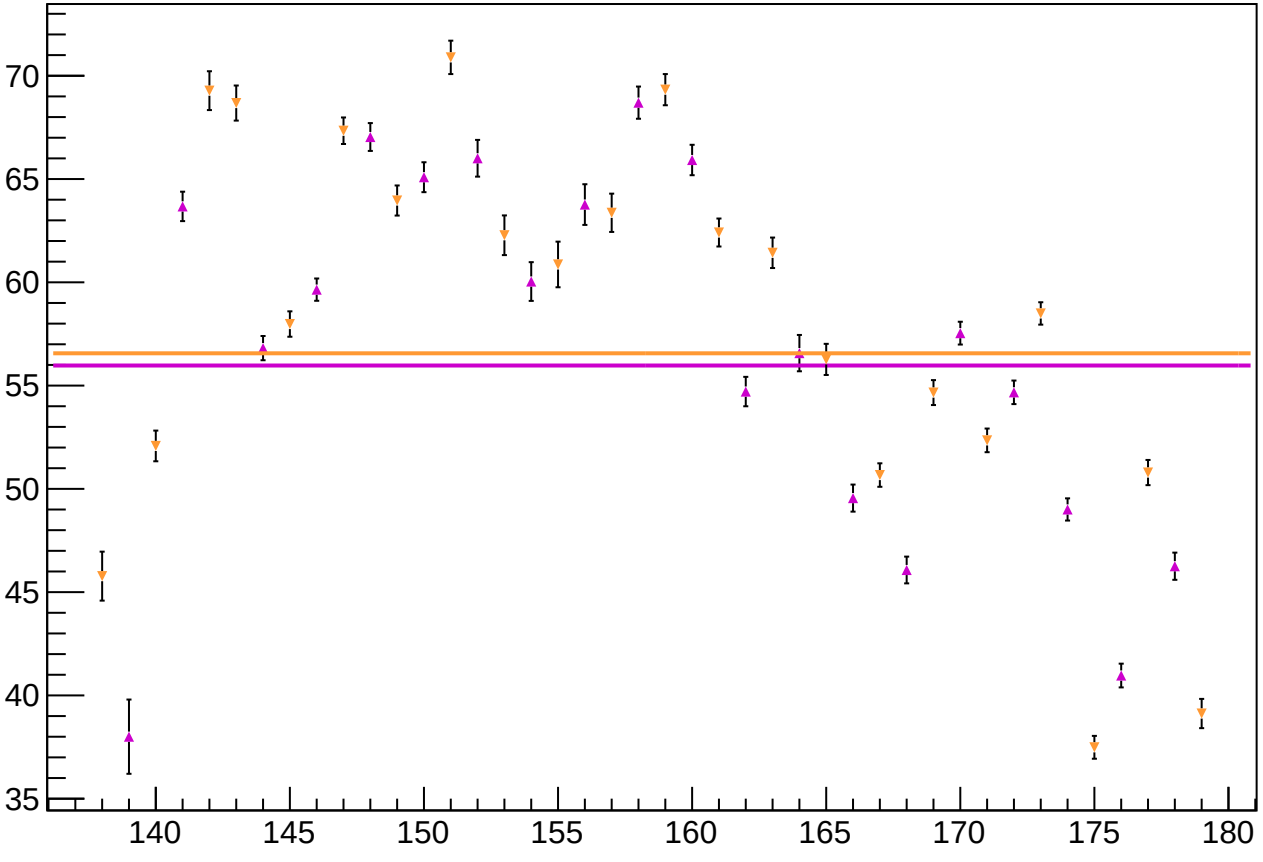
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -56.500+/-0.176 χ^2/NDF:11610.2/19

Out: -56.948+/-0.174 χ^2/NDF:11809.8/21

All: -56.726+/-0.124 χ^2/NDF: 23423.3/41

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 56.563+/-0.150 χ^2/NDF:3786.9/21

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

Left In: 55.972+/-0.153 χ^2/NDF:2765.3/19

Left: 56.273+/-0.107 χ^2/NDF: 6559.8/41

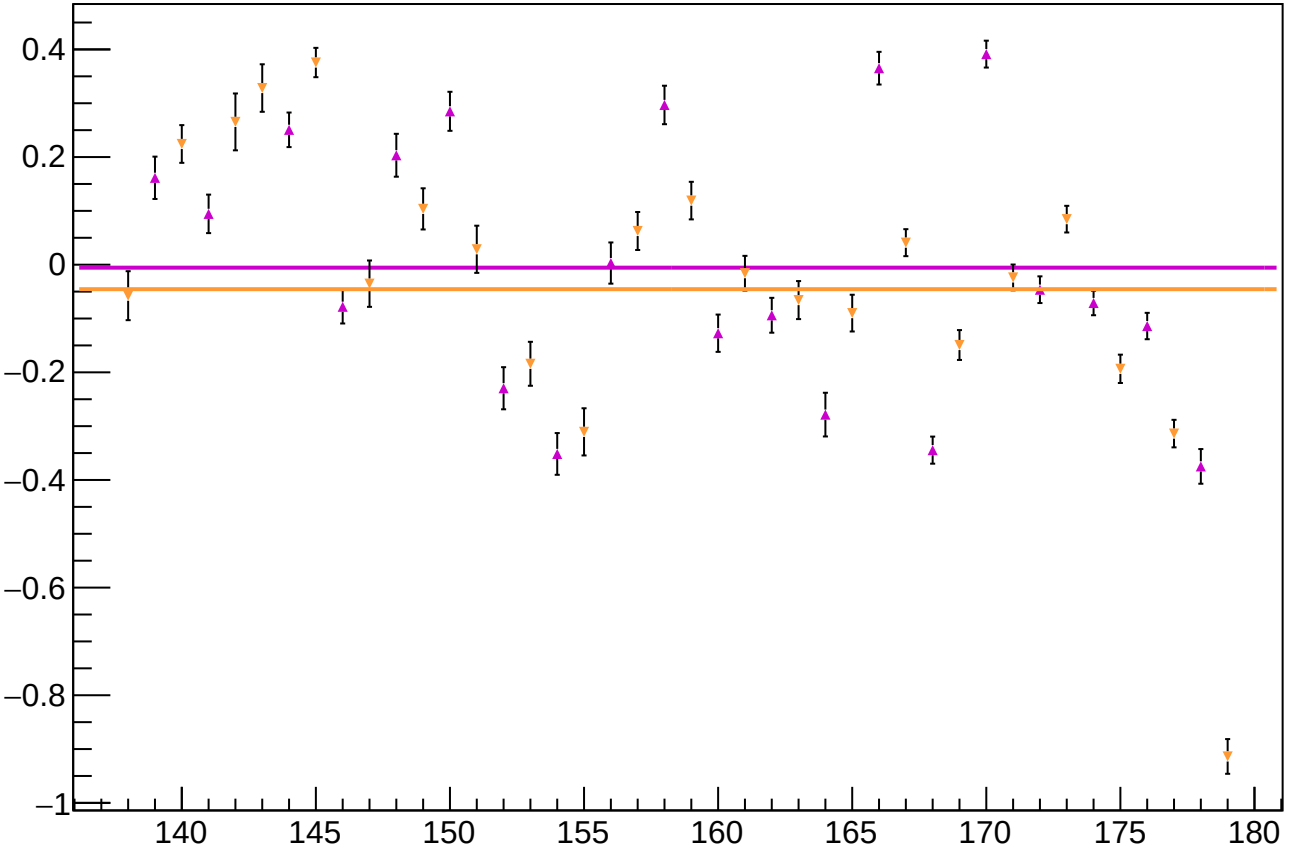
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 55.972+/-0.153 χ^2/NDF:2765.3/19

Out: 56.563+/-0.150 χ^2/NDF:3786.9/21

All: 56.273+/-0.107 χ^2/NDF: 6559.8/41

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: -0.045+/-0.007 χ^2/NDF:1425.3/21

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

Left In: -0.006+/-0.007 χ^2/NDF:1180.2/19

Left: -0.026+/-0.005 χ^2/NDF: 2622.0/41

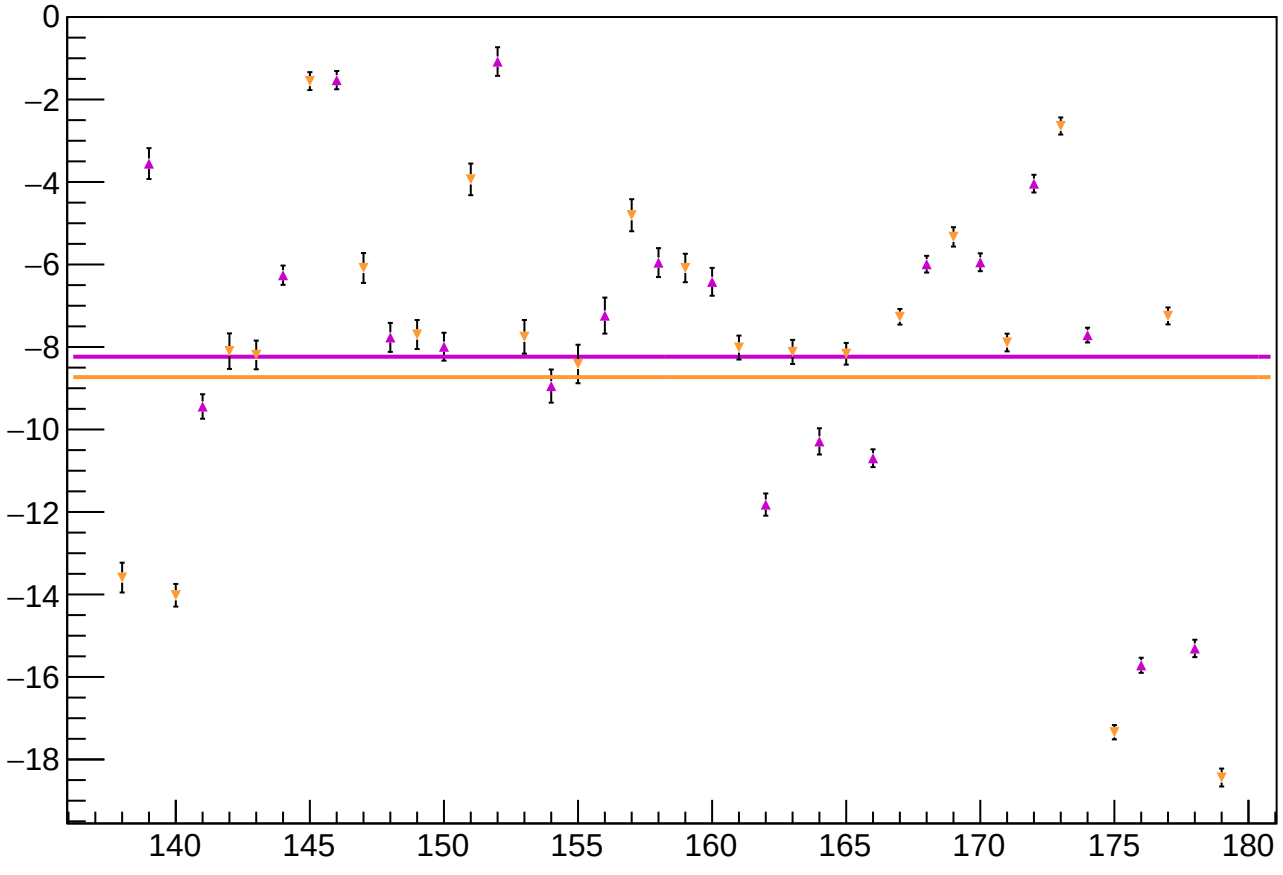
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.006+/-0.007 χ^2/NDF:1180.2/19

Out: -0.045+/-0.007 χ^2/NDF:1425.3/21

All: -0.026+/-0.005 χ^2/NDF: 2622.0/41

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.731+/-0.057 χ^2/NDF:7693.0/21

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

Left In: -8.236+/-0.057 χ^2/NDF:5442.7/19

Left: -8.485+/-0.040 χ^2/NDF: 13173.5/41

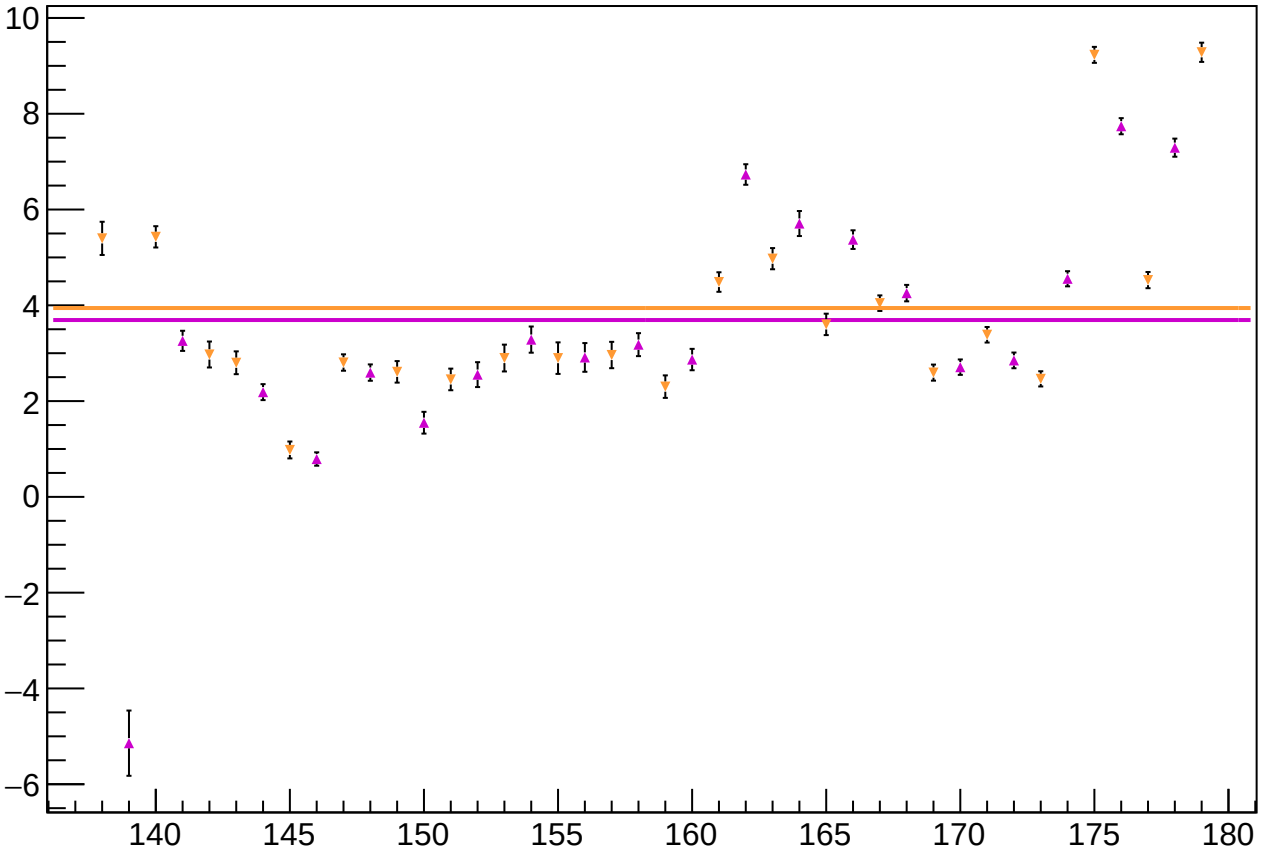
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.236+/-0.057 χ^2/NDF:5442.7/19

Out: -8.731+/-0.057 χ^2/NDF:7693.0/21

All: -8.485+/-0.040 χ^2/NDF: 13173.5/41

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 3.943+/-0.043 χ^2/NDF:2508.3/21

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

Left In: 3.693+/-0.044 χ^2/NDF:2242.6/19

Left: 3.819+/-0.031 χ^2/NDF: 4767.4/41

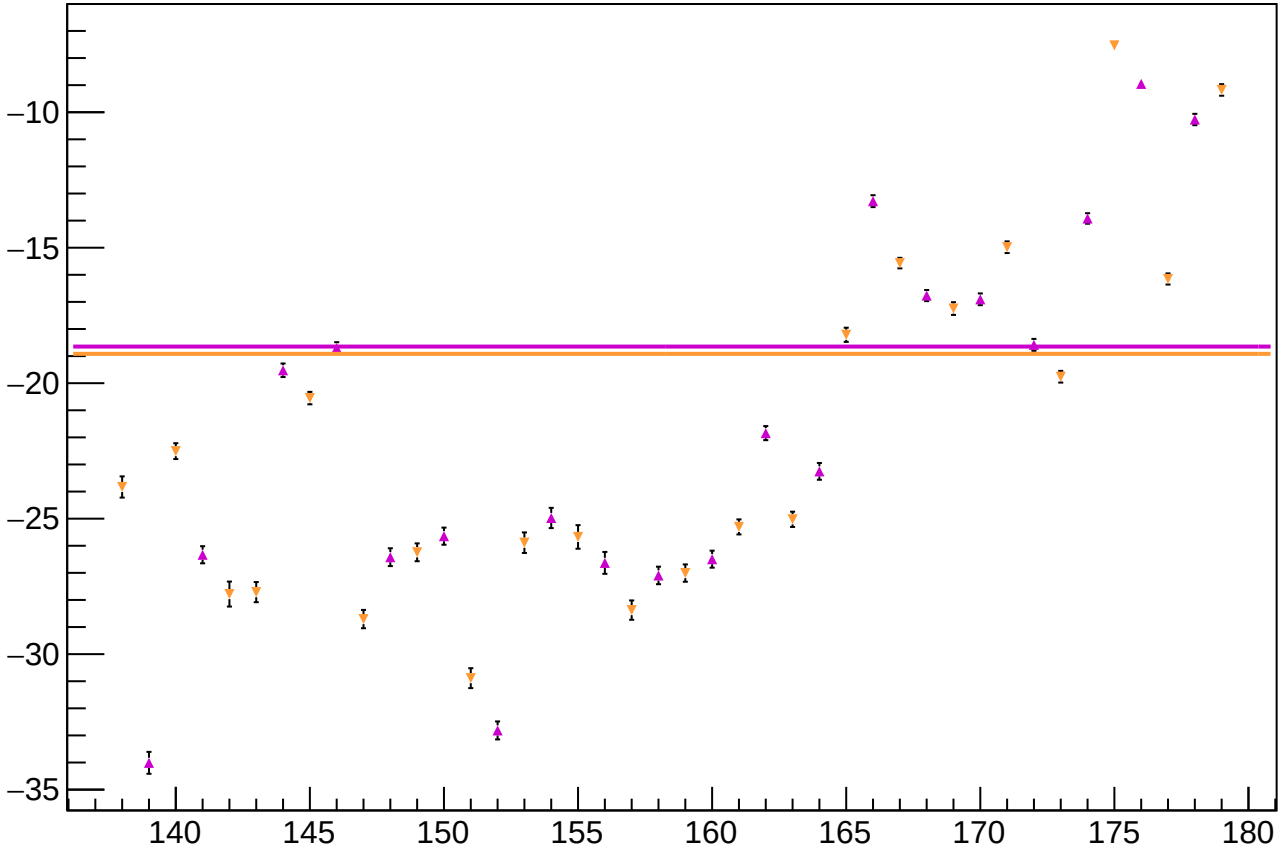
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.693+/-0.044 χ^2/NDF:2242.6/19

Out: 3.943+/-0.043 χ^2/NDF:2508.3/21

All: 3.819+/-0.031 χ^2/NDF: 4767.4/41

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -18.917+/-0.057 χ^2/NDF:13817.9/21

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

Left In: -18.648+/-0.057 χ^2/NDF:13073.1/19

Left: -18.784+/-0.040 χ^2/NDF: 26902.2/41

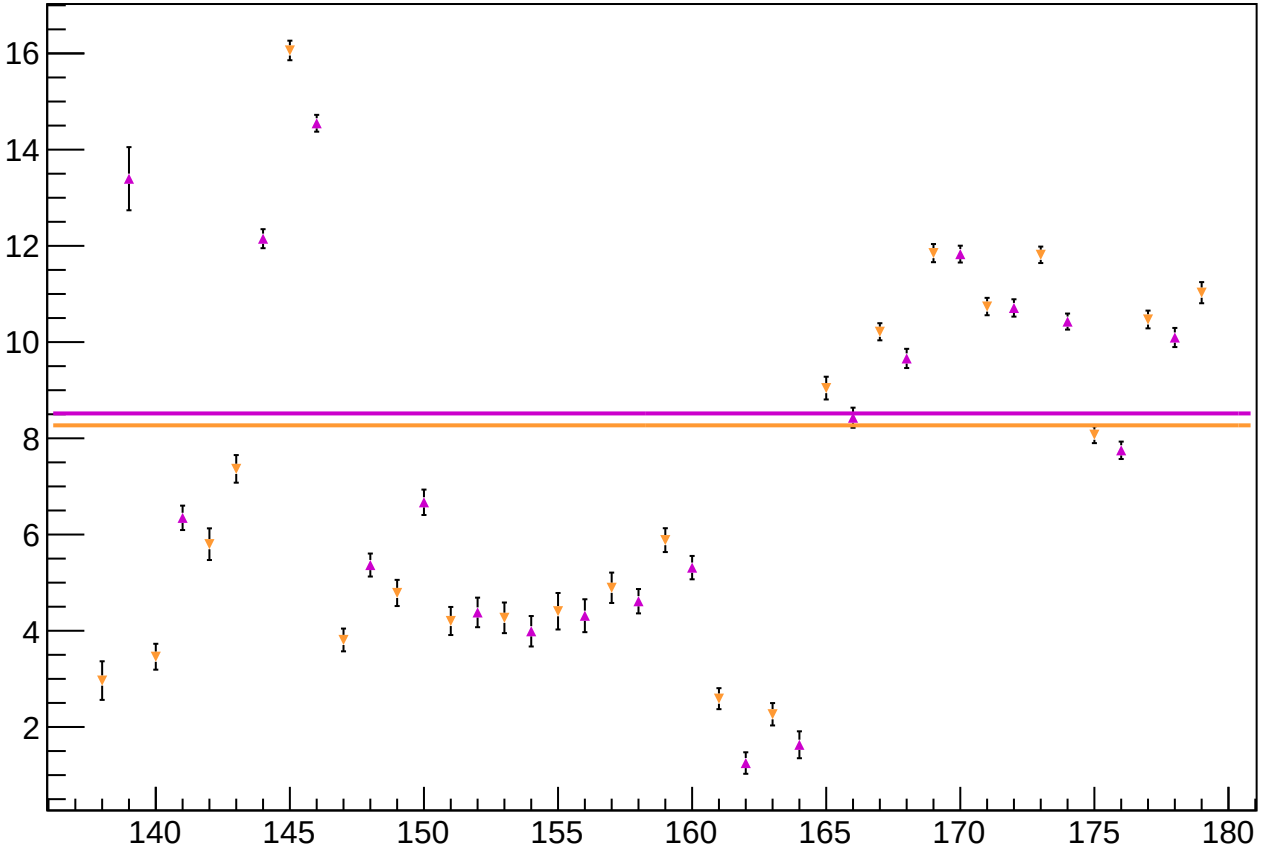
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.648+/-0.057 χ^2/NDF:13073.1/19

Out: -18.917+/-0.057 χ^2/NDF:13817.9/21

All: -18.784+/-0.040 χ^2/NDF: 26902.2/41

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: 8.270+/-0.049 χ^2/NDF:5965.9/21

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

Left In: 8.517+/-0.050 χ^2/NDF:5240.4/19

Left: 8.392+/-0.035 χ^2/NDF: 11218.9/41

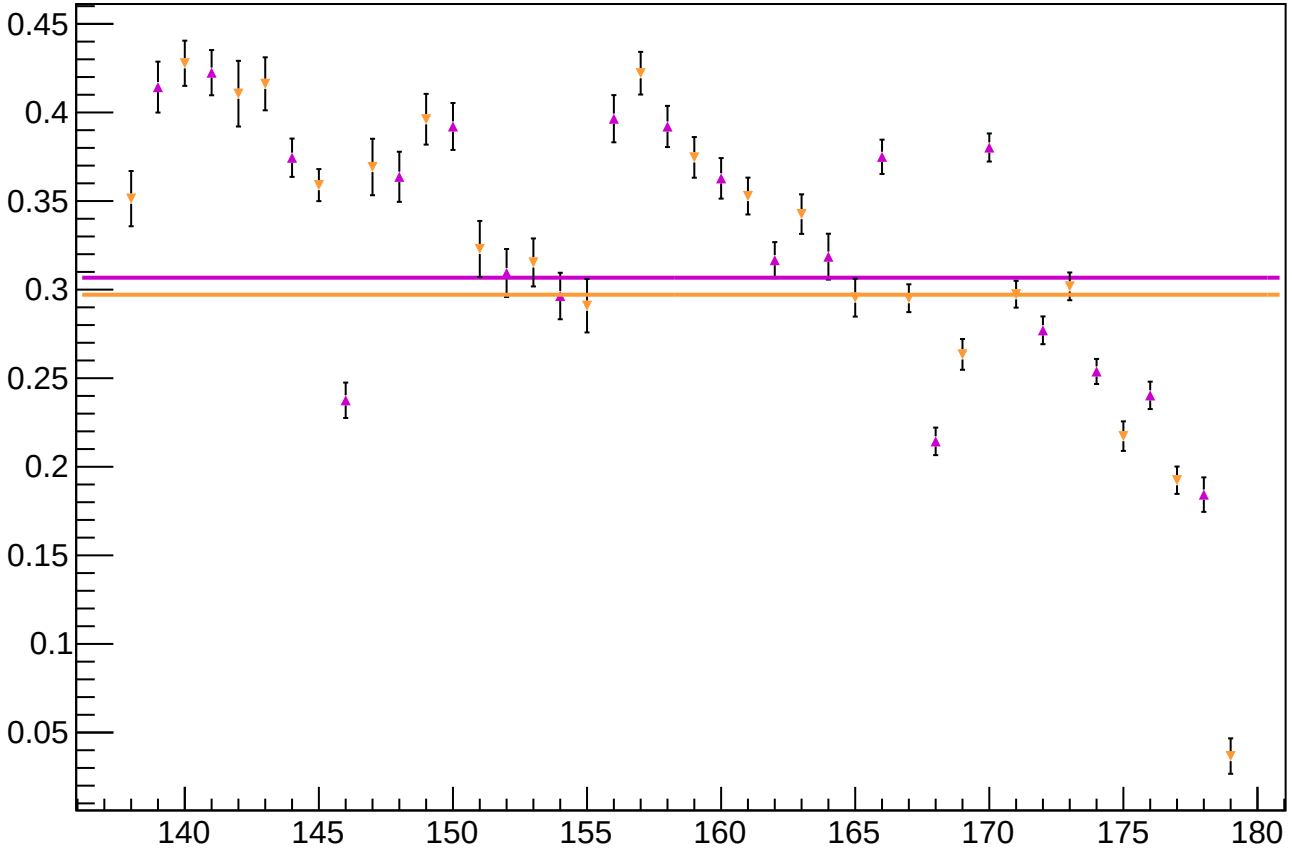
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.517+/-0.050 χ^2/NDF:5240.4/19

Out: 8.270+/-0.049 χ^2/NDF:5965.9/21

All: 8.392+/-0.035 χ^2/NDF: 11218.9/41

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: 0.297+/-0.002 χ^2/NDF:1505.1/21

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

Left In: 0.307+/-0.002 χ^2/NDF:988.3/19

Left: 0.302+/-0.002 χ^2/NDF: 2502.4/41

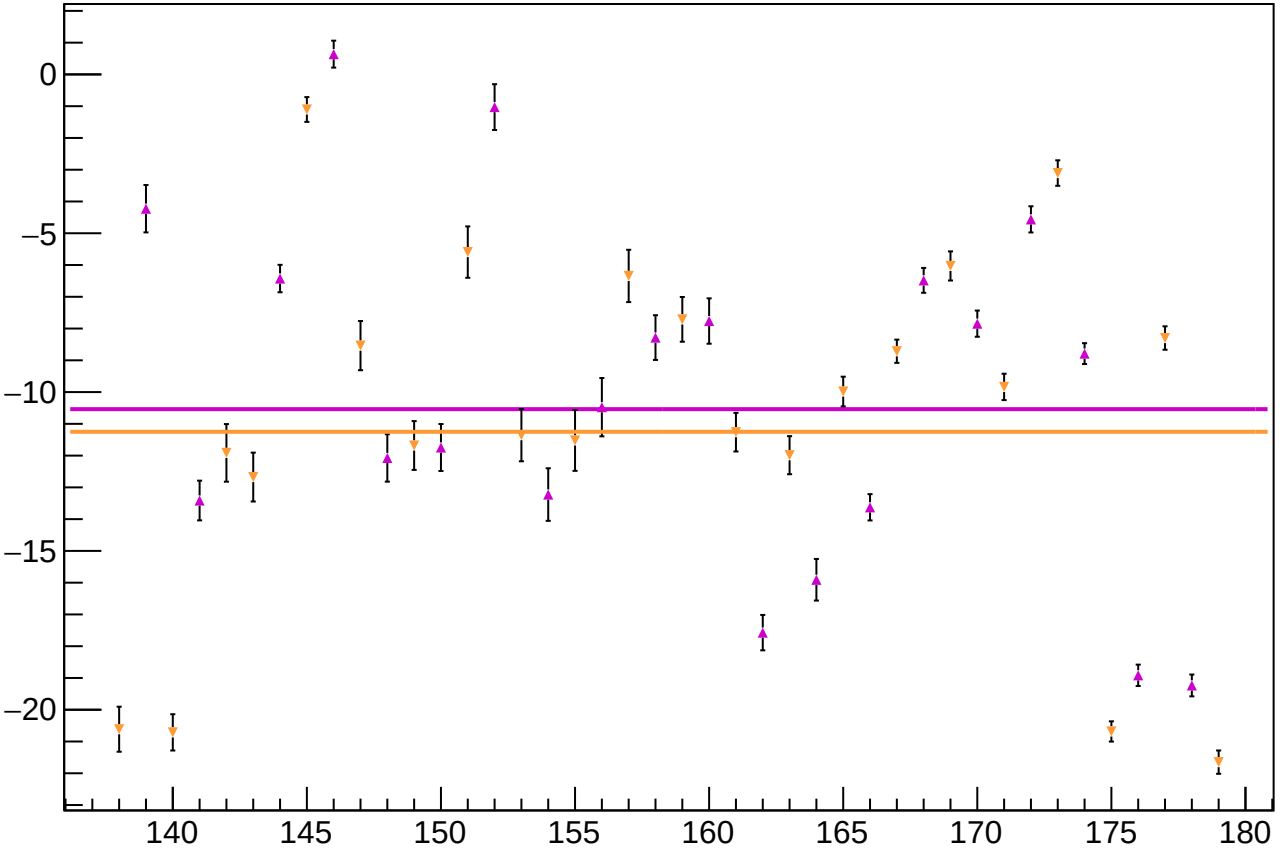
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.307+/-0.002 χ^2/NDF:988.3/19

Out: 0.297+/-0.002 χ^2/NDF:1505.1/21

All: 0.302+/-0.002 χ^2/NDF: 2502.4/41

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: -11.250+/-0.109 χ^2/NDF:3605.3/21

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

Left In: -10.537+/-0.109 χ^2/NDF:3029.4/19

Left: -10.895+/-0.077 χ^2/NDF: 6656.0/41

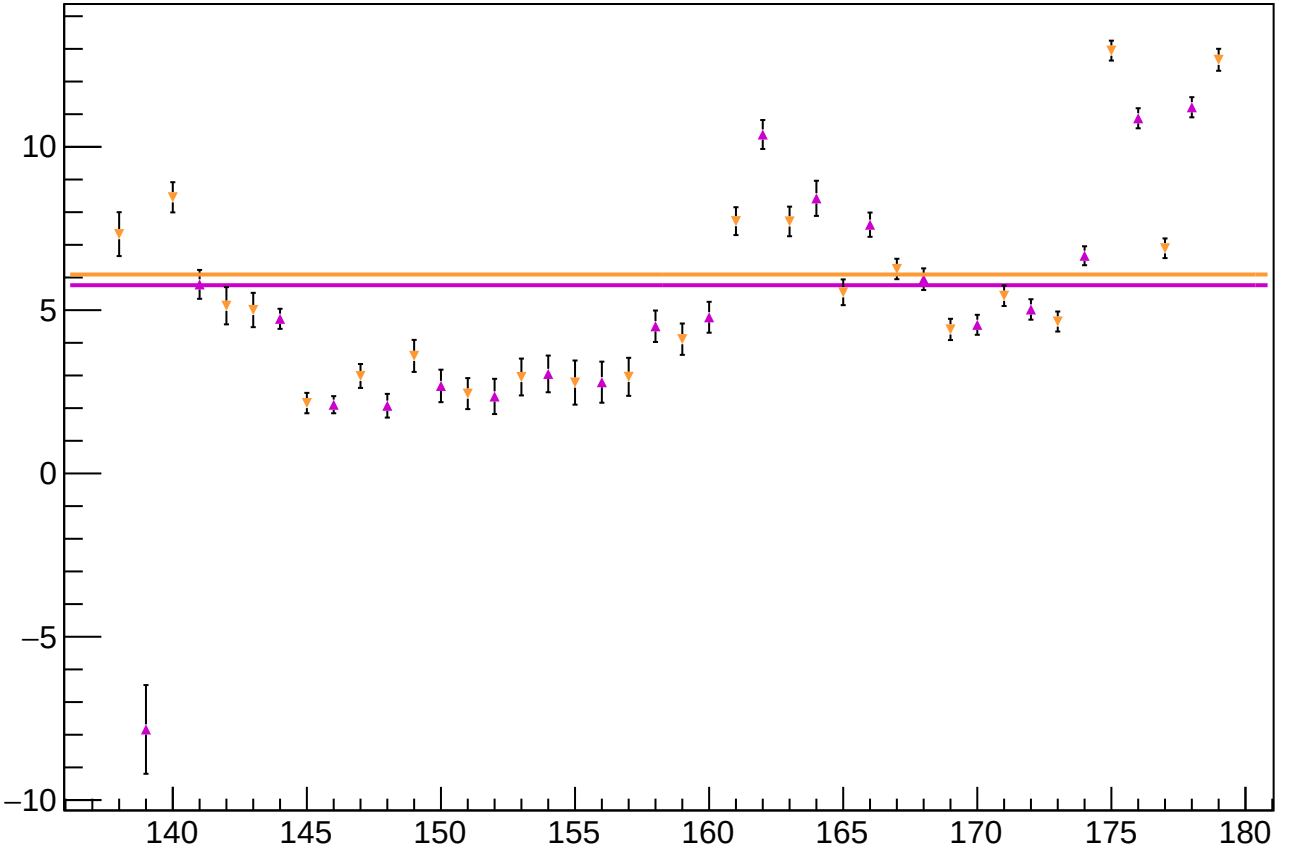
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -10.537+/-0.109 χ^2/NDF:3029.4/19

Out: -11.250+/-0.109 χ^2/NDF:3605.3/21

All: -10.895+/-0.077 χ^2/NDF: 6656.0/41

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: 6.092+/-0.084 χ^2/NDF:1431.4/21

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

Left In: 5.764+/-0.085 χ^2/NDF:1323.8/19

Left: 5.928+/-0.060 χ^2/NDF: 2762.7/41

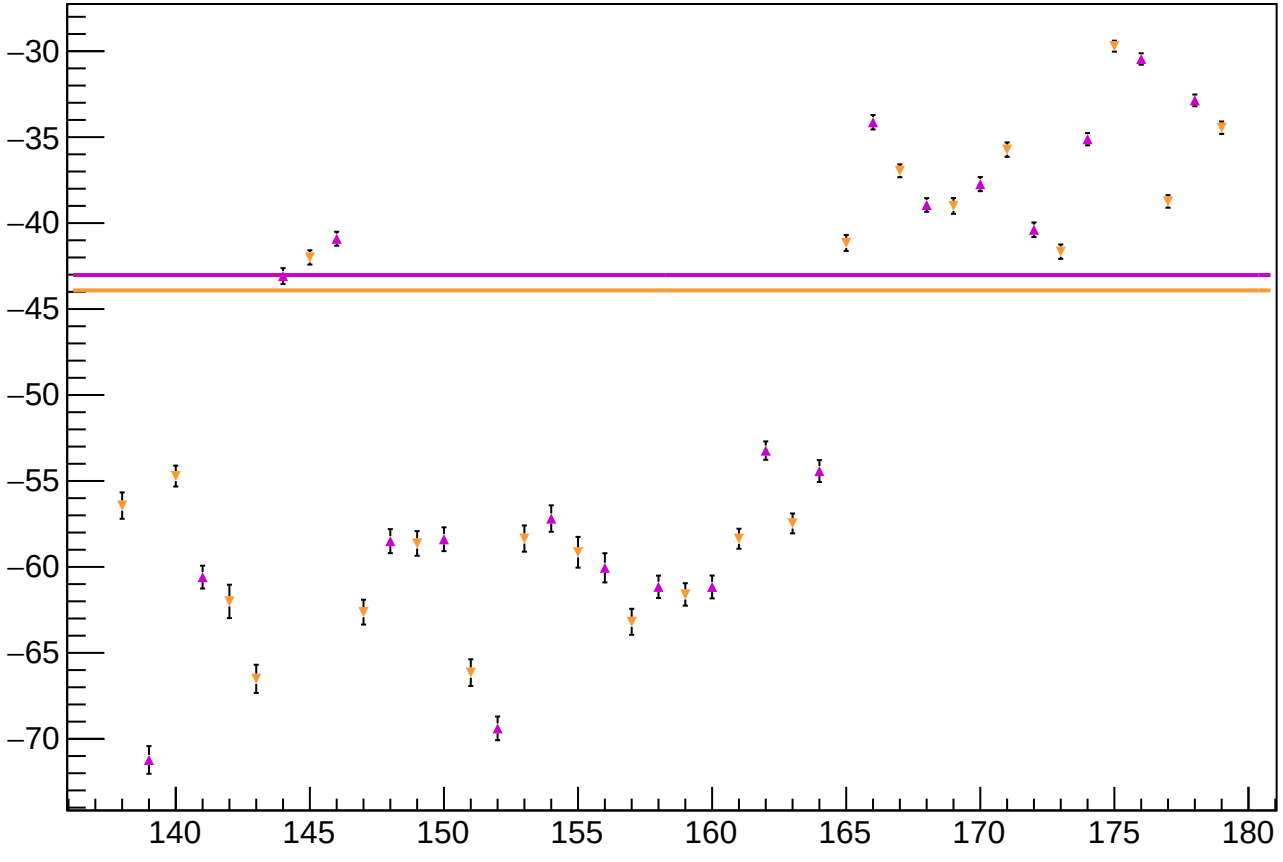
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.764+/-0.085 χ^2/NDF:1323.8/19

Out: 6.092+/-0.084 χ^2/NDF:1431.4/21

All: 5.928+/-0.060 χ^2/NDF: 2762.7/41

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -43.914+/-0.109 χ^2/NDF:10586.6/21

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

Left In: -43.020+/-0.109 χ^2/NDF:10906.6/19

Left: -43.469+/-0.077 χ^2/NDF: 21526.7/41

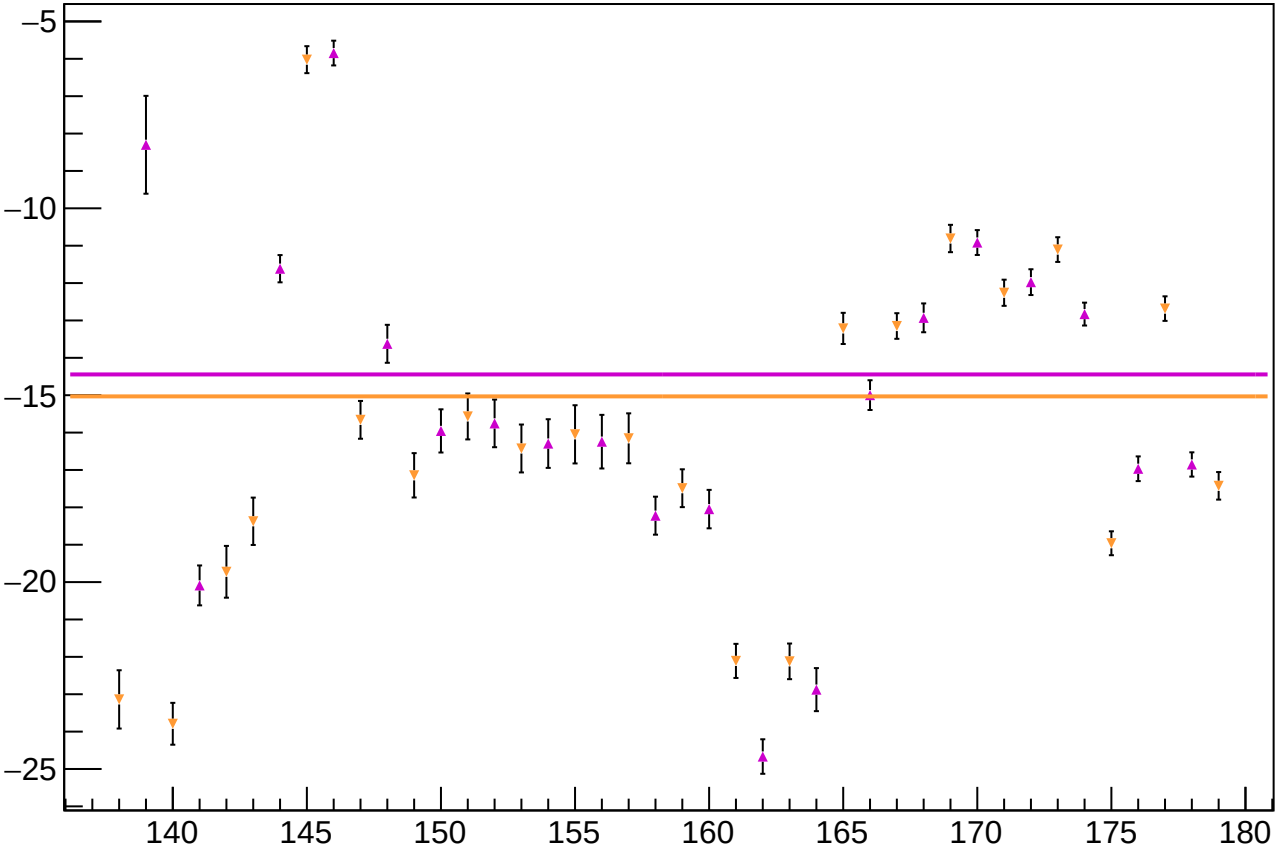
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -43.020+/-0.109 χ^2/NDF:10906.6/19

Out: -43.914+/-0.109 χ^2/NDF:10586.6/21

All: -43.469+/-0.077 χ^2/NDF: 21526.7/41

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: -15.032+/-0.095 χ^2/NDF:2189.7/21

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

Left In: -14.444+/-0.096 χ^2/NDF:2027.2/19

Left: -14.740+/-0.067 χ^2/NDF: 4235.9/41

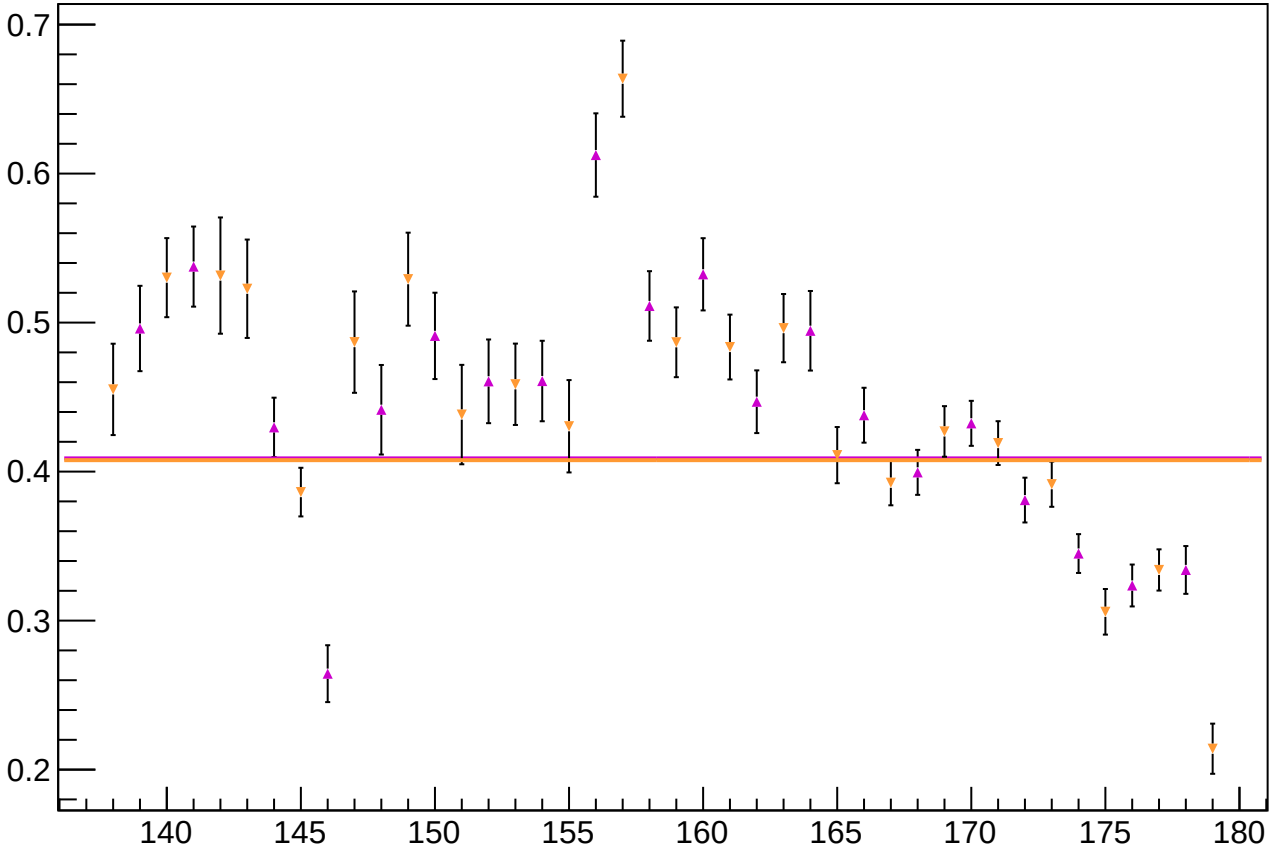
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.444+/-0.096 χ^2/NDF:2027.2/19

Out: -15.032+/-0.095 χ^2/NDF:2189.7/21

All: -14.740+/-0.067 χ^2/NDF: 4235.9/41

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: 0.408+/-0.004 χ^2/NDF:421.2/21

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

Left In: 0.409+/-0.004 χ^2/NDF:310.0/19

Left: 0.408+/-0.003 χ^2/NDF: 731.2/41

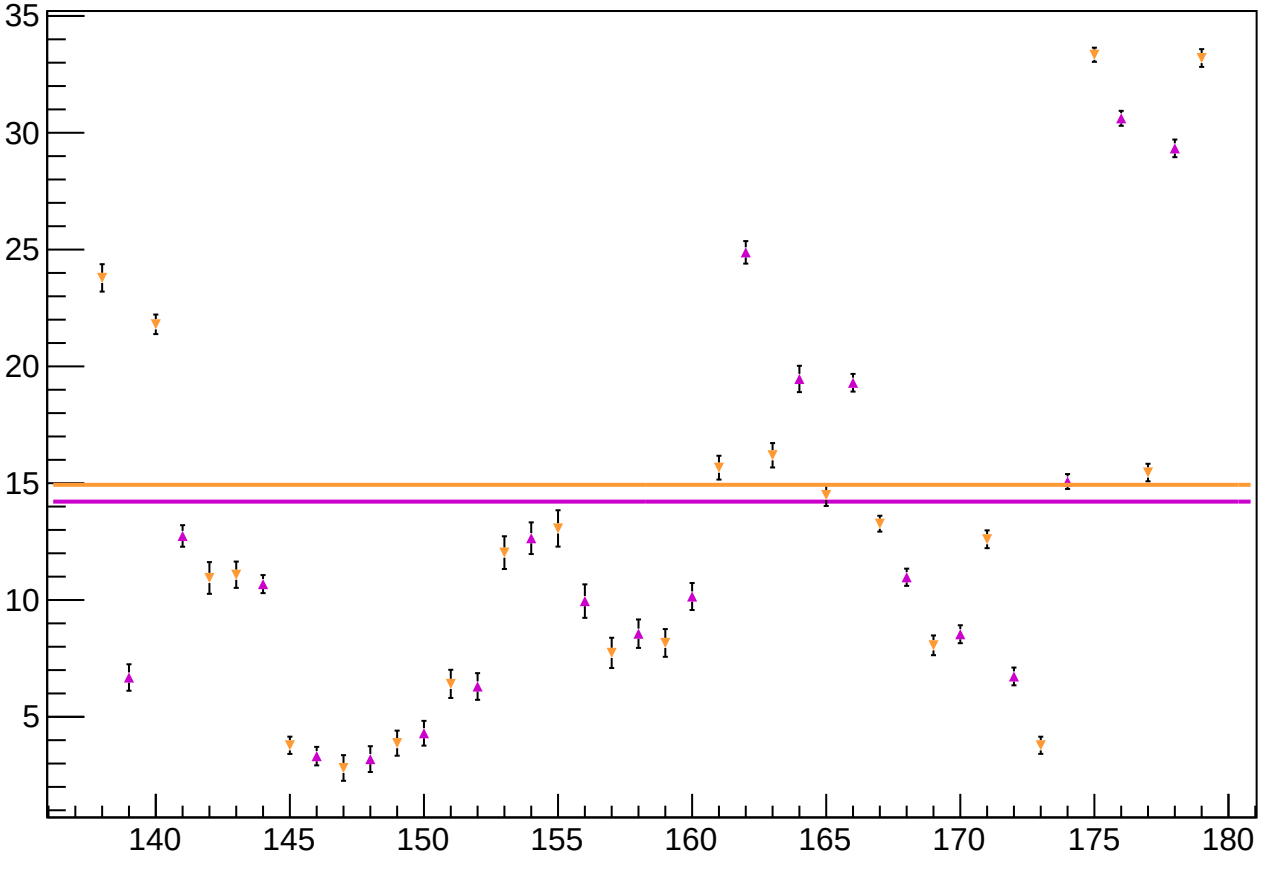
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.409+/-0.004 χ^2/NDF:310.0/19

Out: 0.408+/-0.004 χ^2/NDF:421.2/21

All: 0.408+/-0.003 χ^2/NDF: 731.2/41

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 14.931+/-0.097 χ^2/NDF:10140.0/21

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

Left In: 14.212+/-0.099 χ^2/NDF:7819.6/19

Left: 14.576+/-0.069 χ^2/NDF: 17986.5/41

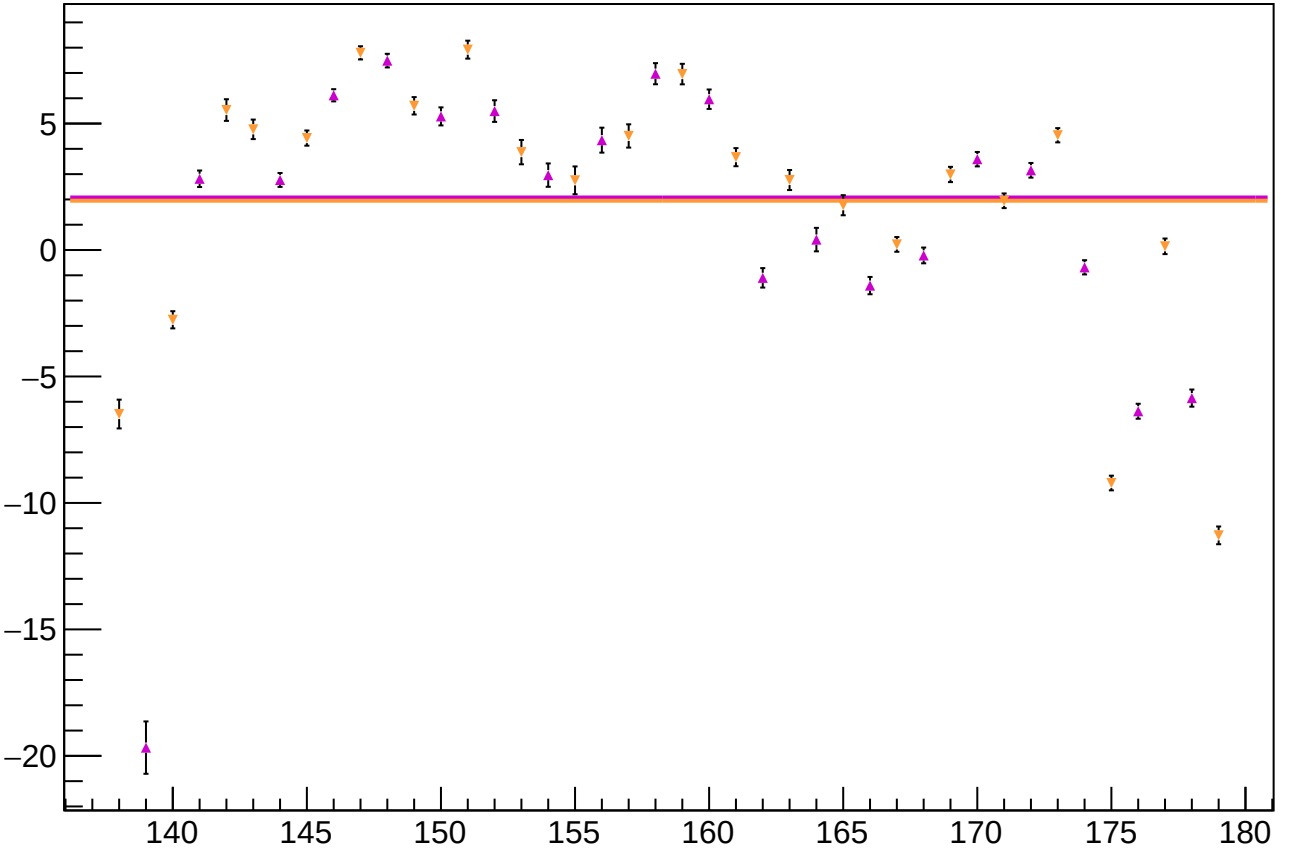
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 14.212+/-0.099 χ^2/NDF:7819.6/19

Out: 14.931+/-0.097 χ^2/NDF:10140.0/21

All: 14.576+/-0.069 χ^2/NDF: 17986.5/41

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: 1.950+/-0.074 χ^2/NDF:4801.0/21

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

Left In: 2.076+/-0.075 χ^2/NDF:3284.9/19

Left: 2.012+/-0.053 χ^2/NDF: 8087.4/41

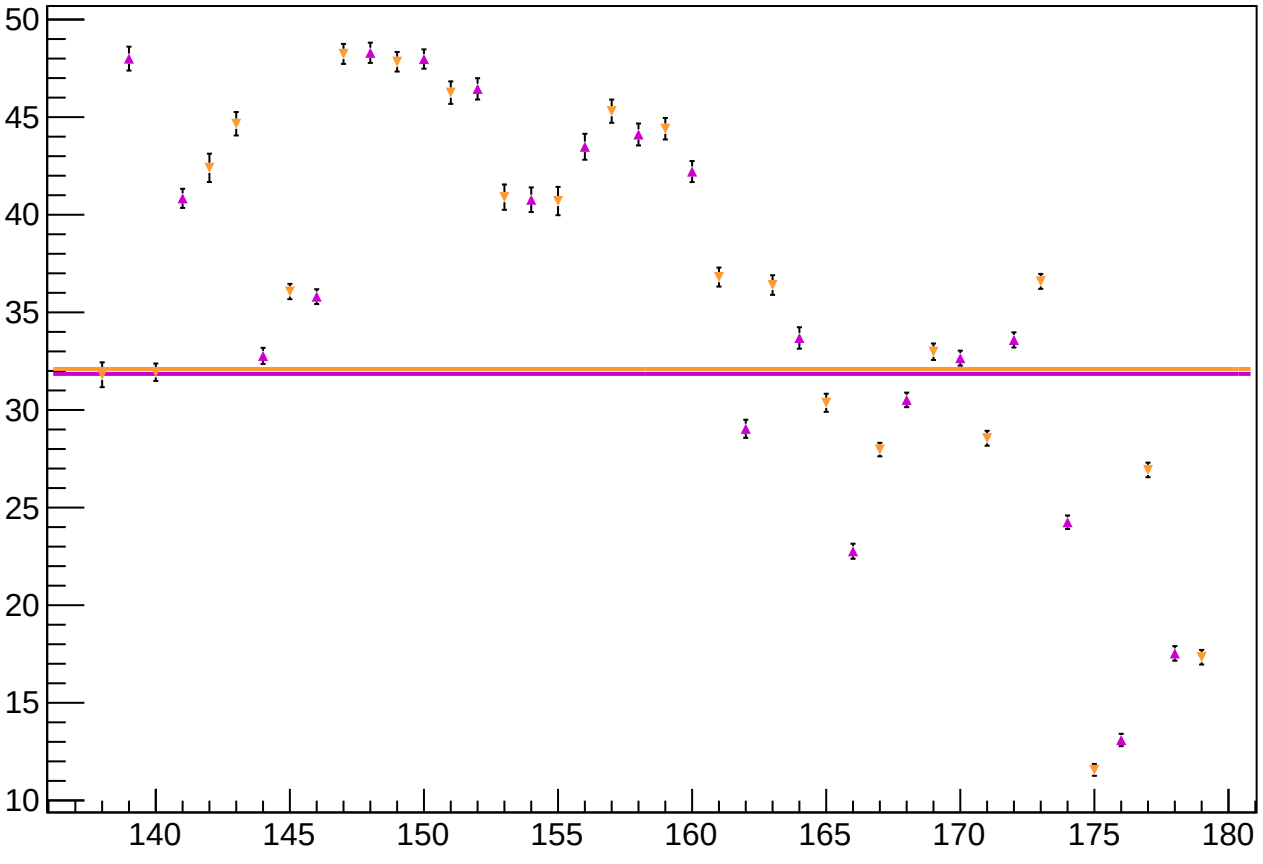
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.076+/-0.075 χ^2/NDF:3284.9/19

Out: 1.950+/-0.074 χ^2/NDF:4801.0/21

All: 2.012+/-0.053 χ^2/NDF: 8087.4/41

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: 32.102+/-0.097 χ^2/NDF:11509.6/21

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

Left In: 31.848+/-0.099 χ^2/NDF:11362.3/19

Left: 31.977+/-0.069 χ^2/NDF: 22875.2/41

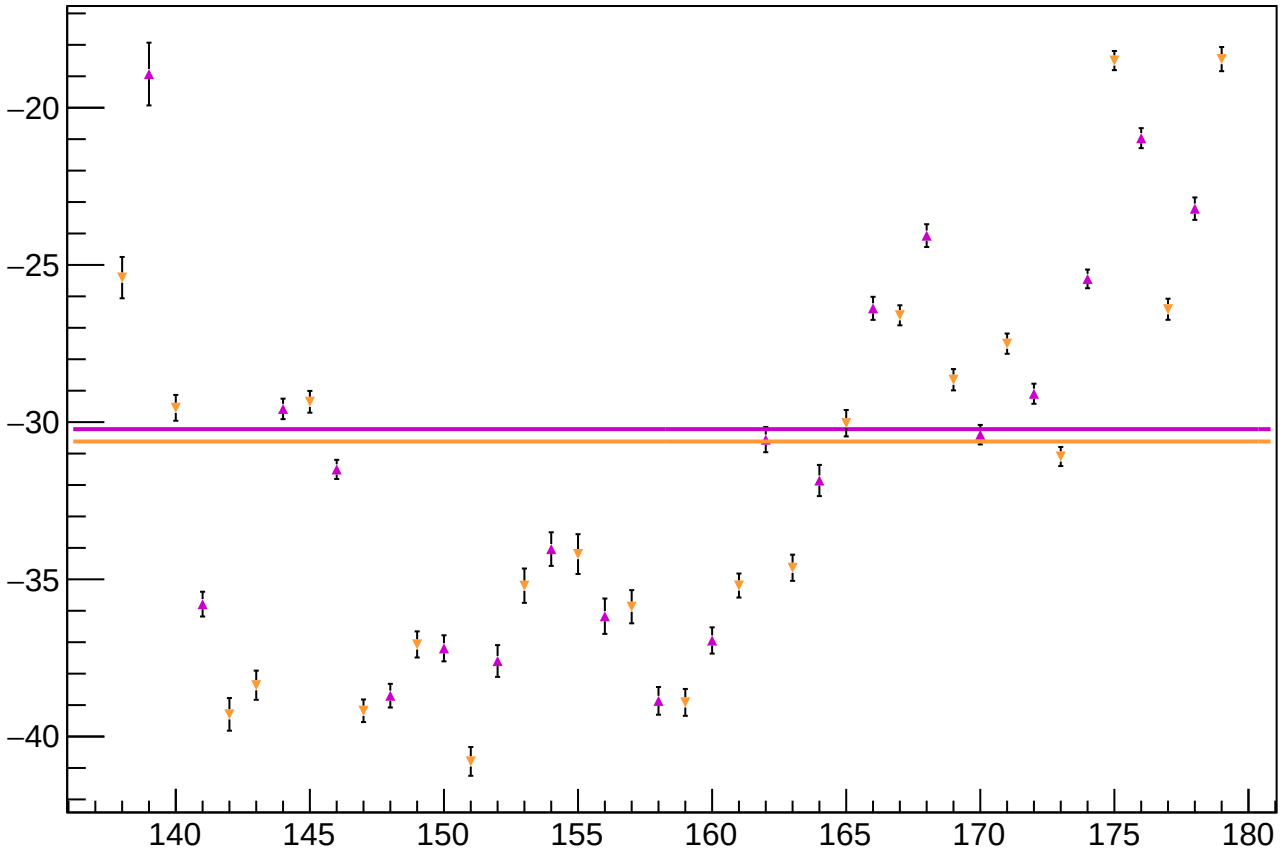
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 31.848+/-0.099 χ^2/NDF:11362.3/19

Out: 32.102+/-0.097 χ^2/NDF:11509.6/21

All: 31.977+/-0.069 χ^2/NDF: 22875.2/41

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -30.616+/-0.084 χ^2/NDF:5787.3/21

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

Left In: -30.223+/-0.086 χ^2/NDF:4074.4/19

Left: -30.423+/-0.060 χ^2/NDF: 9872.5/41

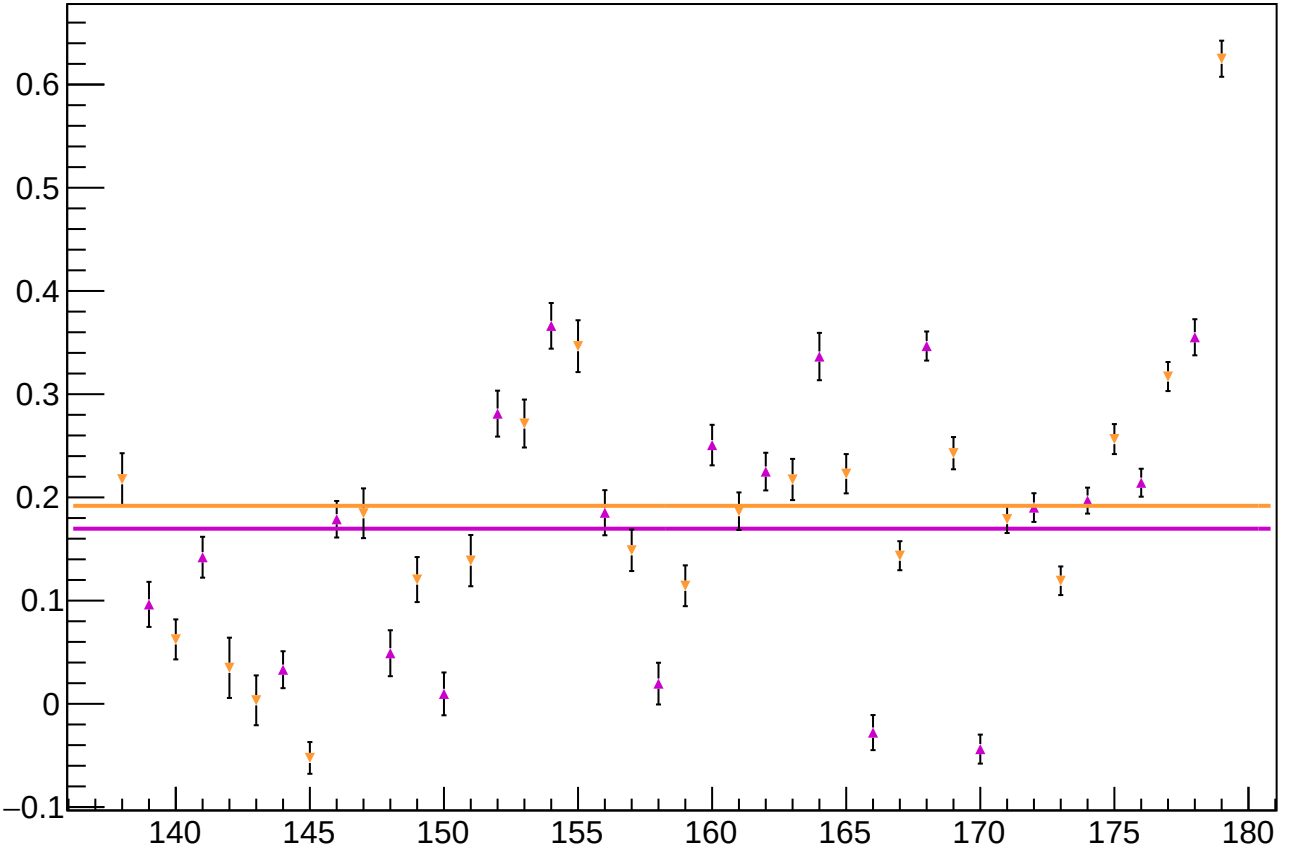
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.223+/-0.086 χ^2/NDF:4074.4/19

Out: -30.616+/-0.084 χ^2/NDF:5787.3/21

All: -30.423+/-0.060 χ^2/NDF: 9872.5/41

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: 0.192+/-0.004 χ^2/NDF:1239.9/21

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

Left In: 0.170+/-0.004 χ^2/NDF:1053.5/19

Left: 0.181+/-0.003 χ^2/NDF: 2309.6/41

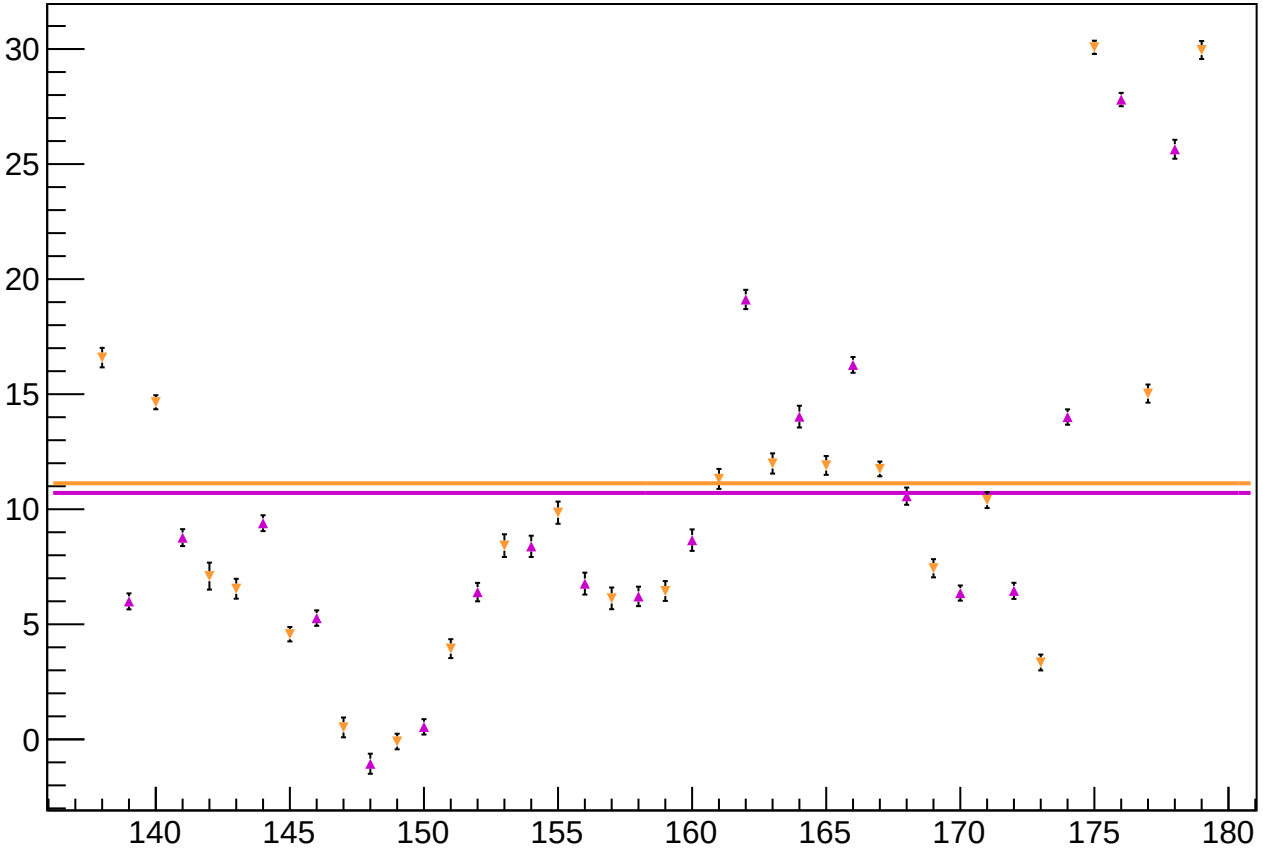
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.170+/-0.004 χ^2/NDF:1053.5/19

Out: 0.192+/-0.004 χ^2/NDF:1239.9/21

All: 0.181+/-0.003 χ^2/NDF: 2309.6/41

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: 11.129+/-0.082 χ^2/NDF:10499.8/21

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

Left In: 10.709+/-0.084 χ^2/NDF:8390.9/19

Left: 10.923+/-0.059 χ^2/NDF: 18903.5/41

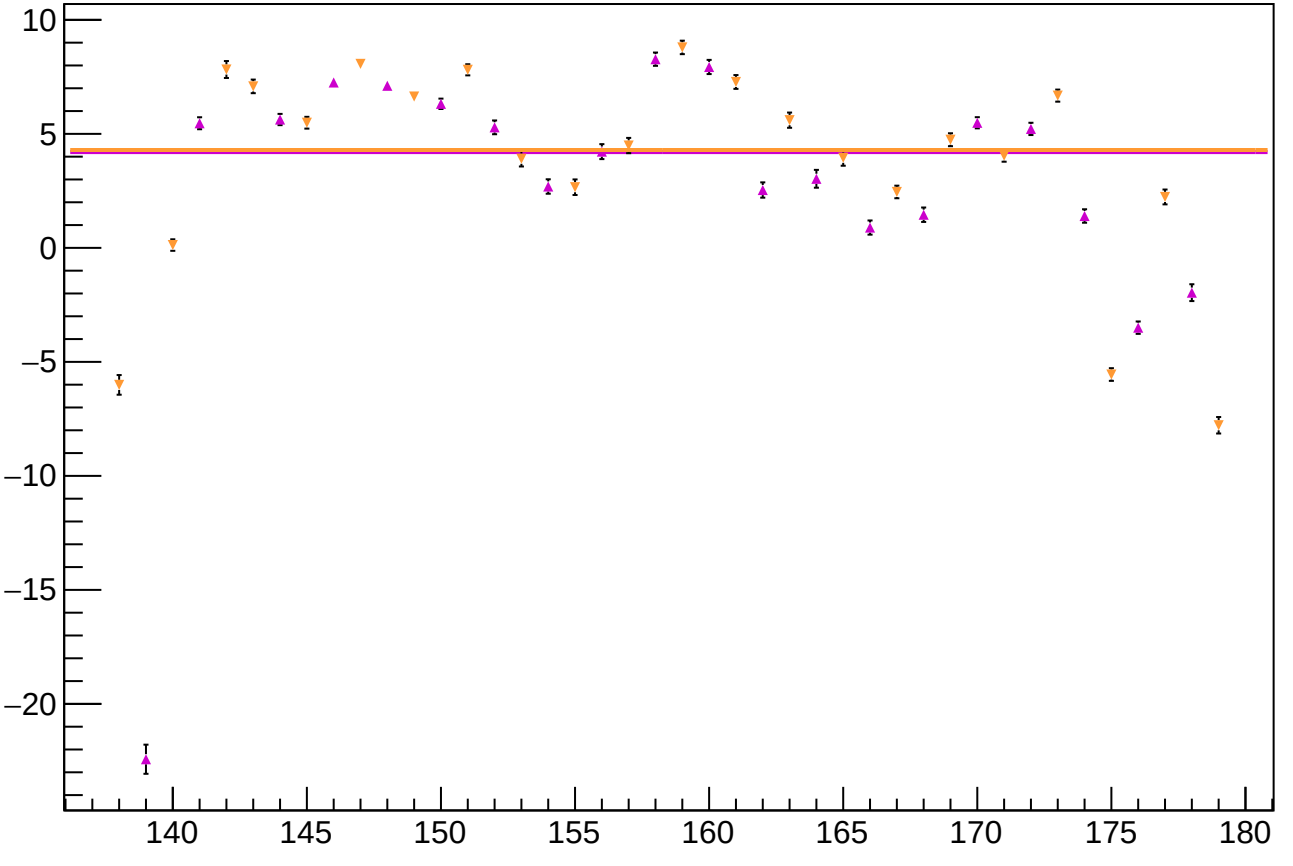
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.709+/-0.084 χ^2/NDF:8390.9/19

Out: 11.129+/-0.082 χ^2/NDF:10499.8/21

All: 10.923+/-0.059 χ^2/NDF: 18903.5/41

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 4.292+/-0.061 χ^2/NDF:4606.1/21

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

Left In: 4.200+/-0.064 χ^2/NDF:4079.7/19

Left: 4.248+/-0.044 χ^2/NDF: 8686.8/41

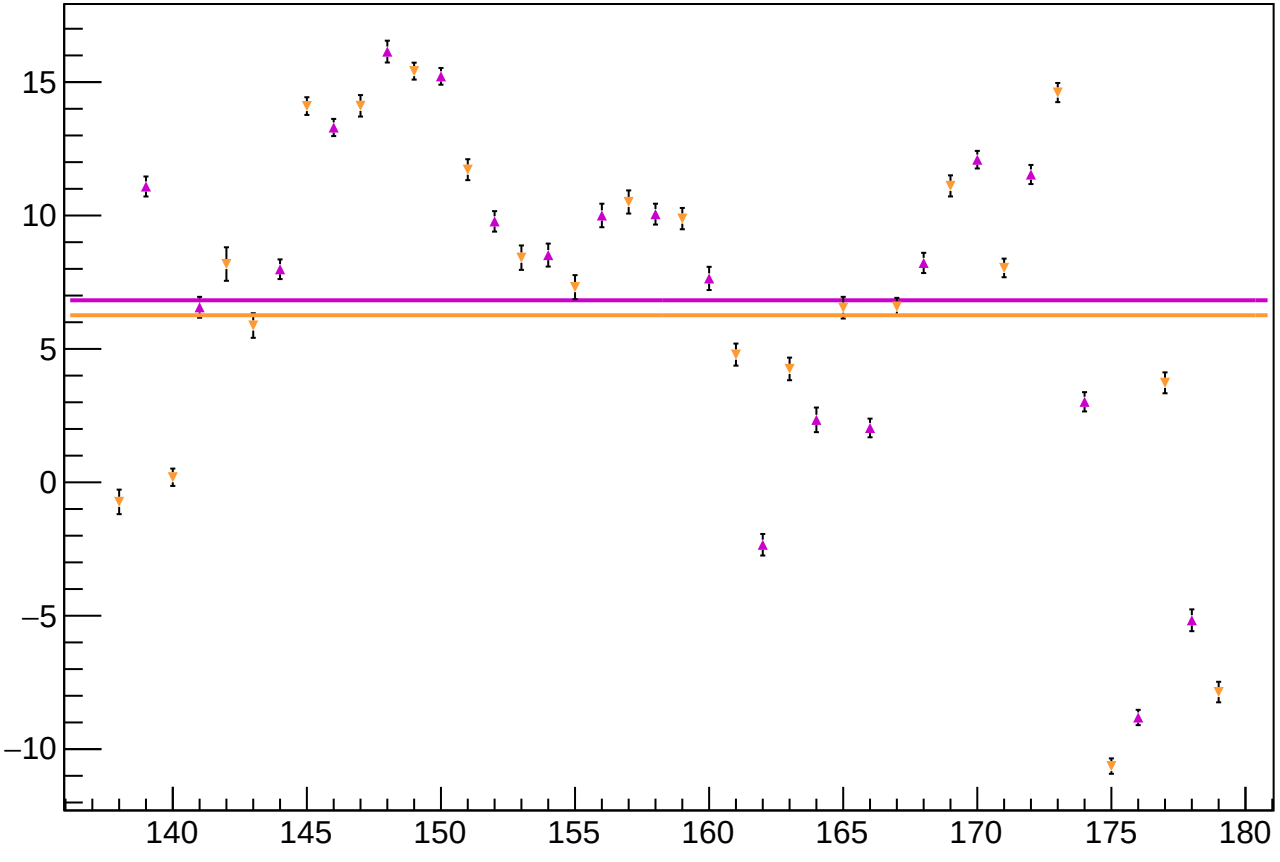
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.200+/-0.064 χ^2/NDF:4079.7/19

Out: 4.292+/-0.061 χ^2/NDF:4606.1/21

All: 4.248+/-0.044 χ^2/NDF: 8686.8/41

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: 6.262+/-0.082 χ^2/NDF:8325.8/21

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

Left In: 6.823+/-0.083 χ^2/NDF:7147.7/19

Left: 6.538+/-0.058 χ^2/NDF: 15496.6/41

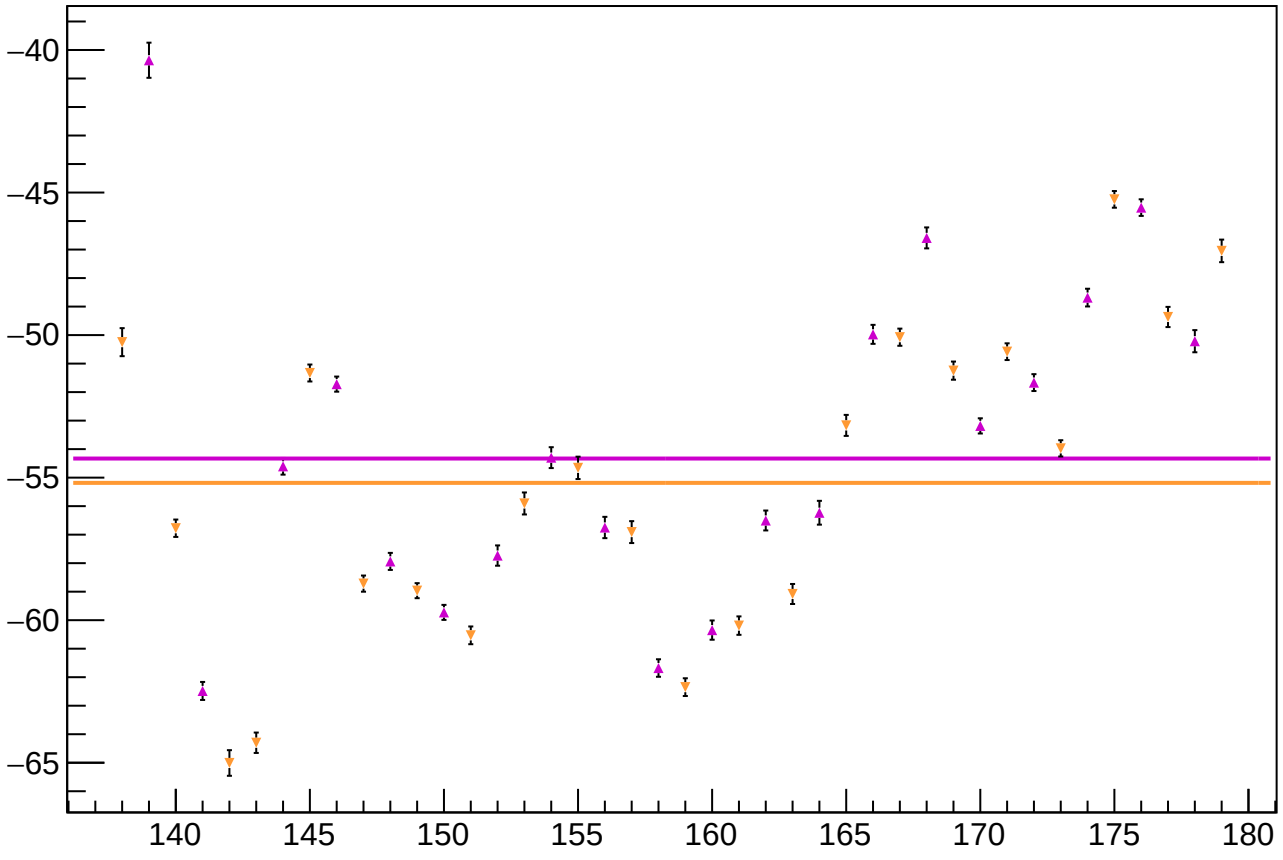
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 6.823+/-0.083 χ^2/NDF:7147.7/19

Out: 6.262+/-0.082 χ^2/NDF:8325.8/21

All: 6.538+/-0.058 χ^2/NDF: 15496.6/41

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -55.184+/-0.070 χ^2/NDF:5584.2/21

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

Left In: -54.330+/-0.072 χ^2/NDF:4995.1/19

Left: -54.770+/-0.050 χ^2/NDF: 10650.8/41

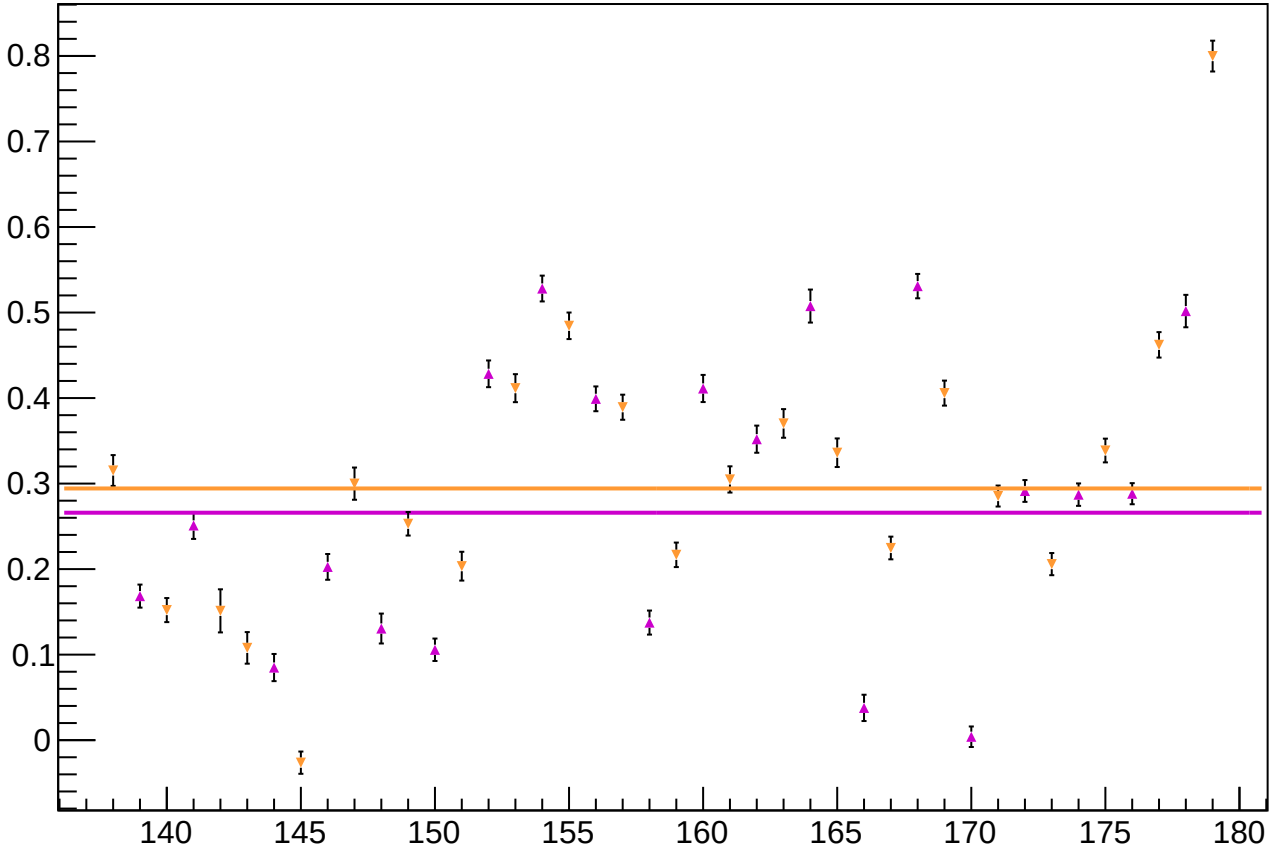
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -54.330+/-0.072 χ^2/NDF:4995.1/19

Out: -55.184+/-0.070 χ^2/NDF:5584.2/21

All: -54.770+/-0.050 χ^2/NDF: 10650.8/41

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: 0.294+/-0.003 χ^2/NDF:2239.9/21

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

Left In: 0.266+/-0.003 χ^2/NDF:2464.9/19

Left: 0.280+/-0.002 χ^2/NDF: 4742.7/41

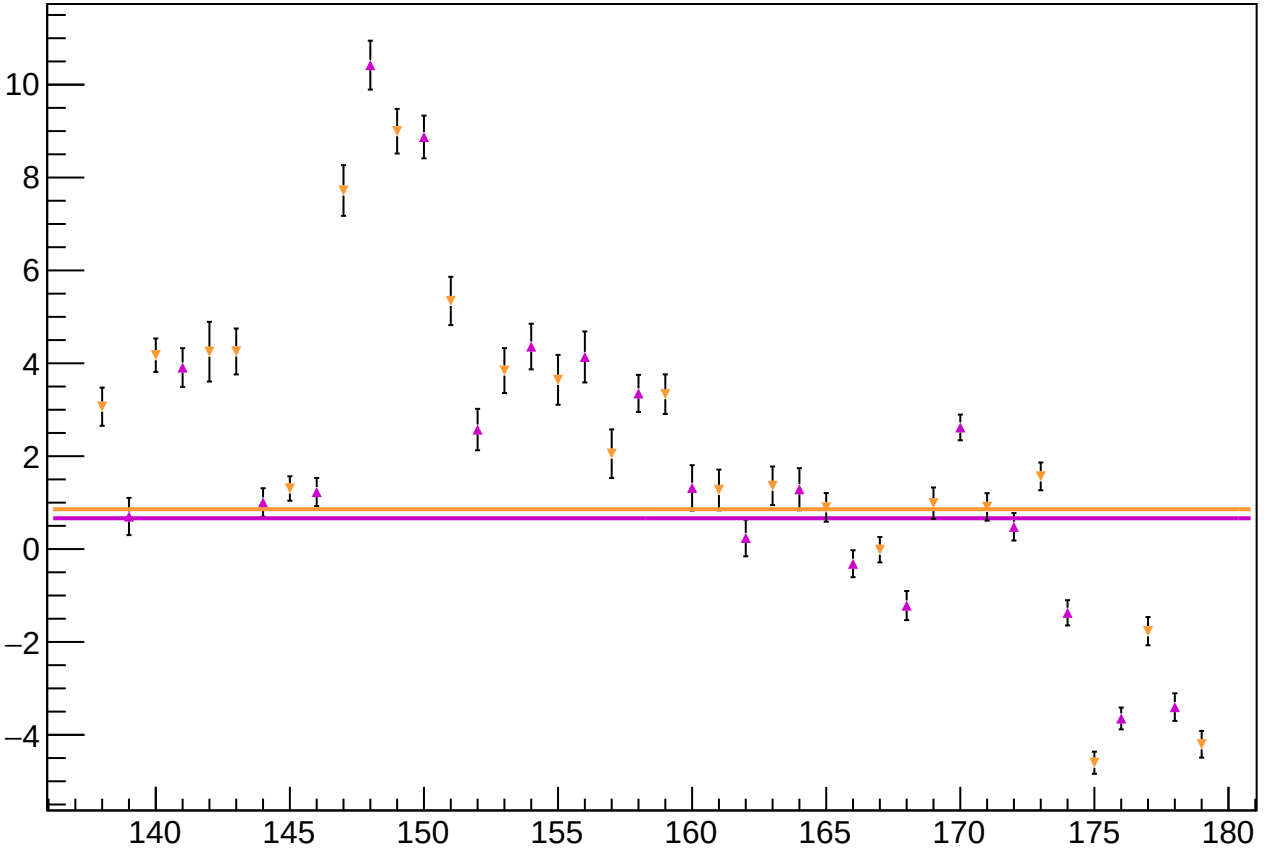
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.266+/-0.003 χ^2/NDF:2464.9/19

Out: 0.294+/-0.003 χ^2/NDF:2239.9/21

All: 0.280+/-0.002 χ^2/NDF: 4742.7/41

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: 0.858+/-0.077 χ^2/NDF:1741.7/21

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

Left In: 0.663+/-0.078 χ^2/NDF:1570.2/19

Left: 0.762+/-0.055 χ^2/NDF: 3315.1/41

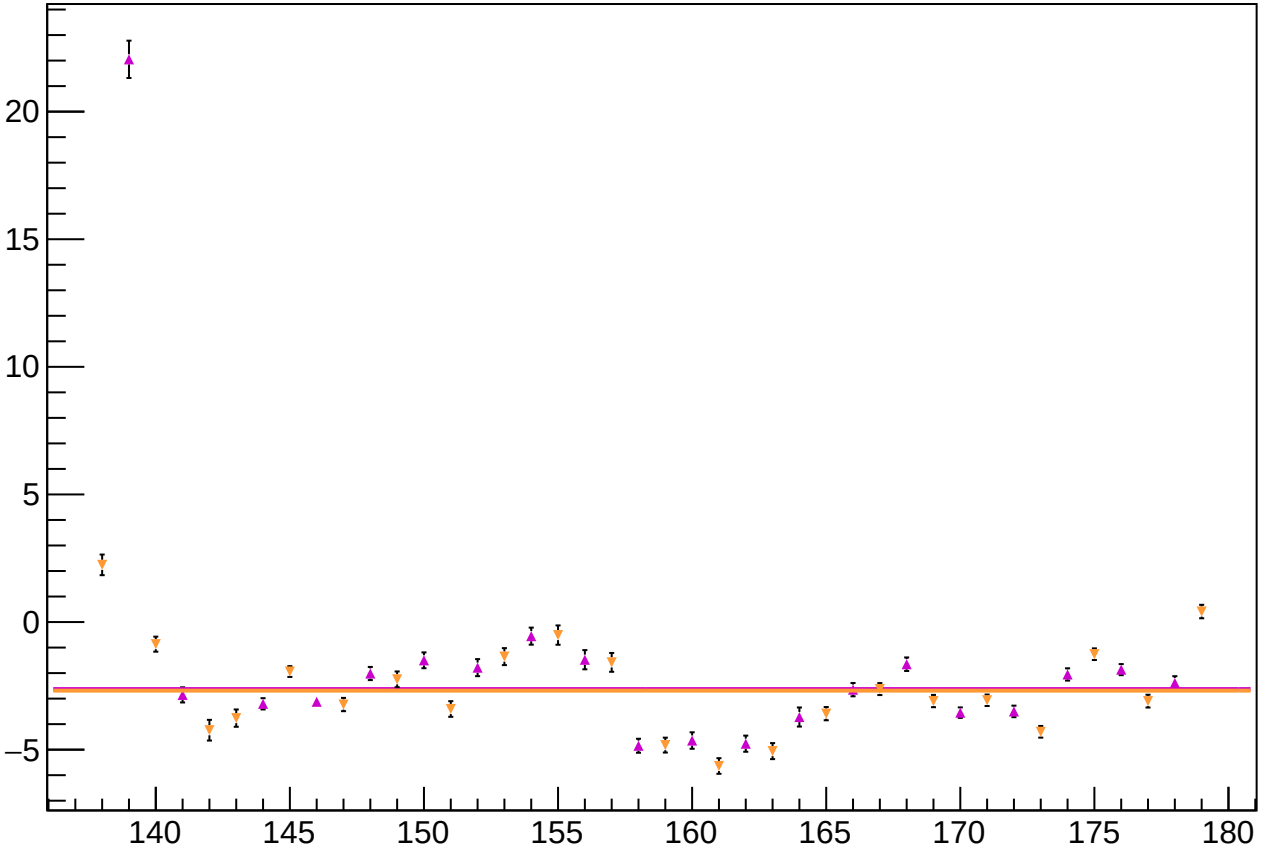
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.663+/-0.078 χ^2/NDF:1570.2/19

Out: 0.858+/-0.077 χ^2/NDF:1741.7/21

All: 0.762+/-0.055 χ^2/NDF: 3315.1/41

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: -2.686+/-0.059 χ^2/NDF:744.7/21

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

Left In: -2.628+/-0.060 χ^2/NDF:1452.6/19

Left: -2.657+/-0.042 χ^2/NDF: 2197.8/41

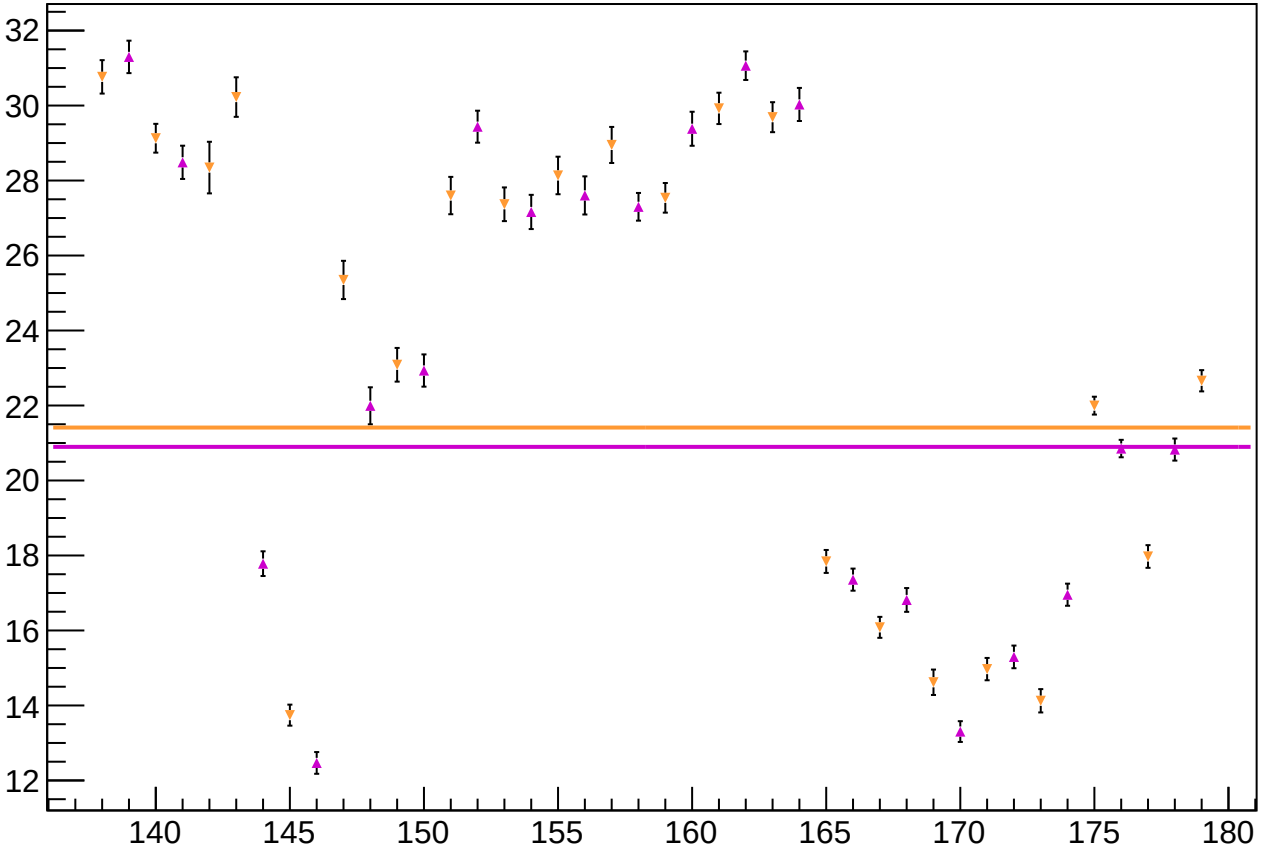
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.628+/-0.060 χ^2/NDF:1452.6/19

Out: -2.686+/-0.059 χ^2/NDF:744.7/21

All: -2.657+/-0.042 χ^2/NDF: 2197.8/41

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: 21.412+/-0.077 χ^2/NDF:5958.3/21

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

Left In: 20.897+/-0.078 χ^2/NDF:5969.5/19

Left: 21.157+/-0.055 χ^2/NDF: 11950.1/41

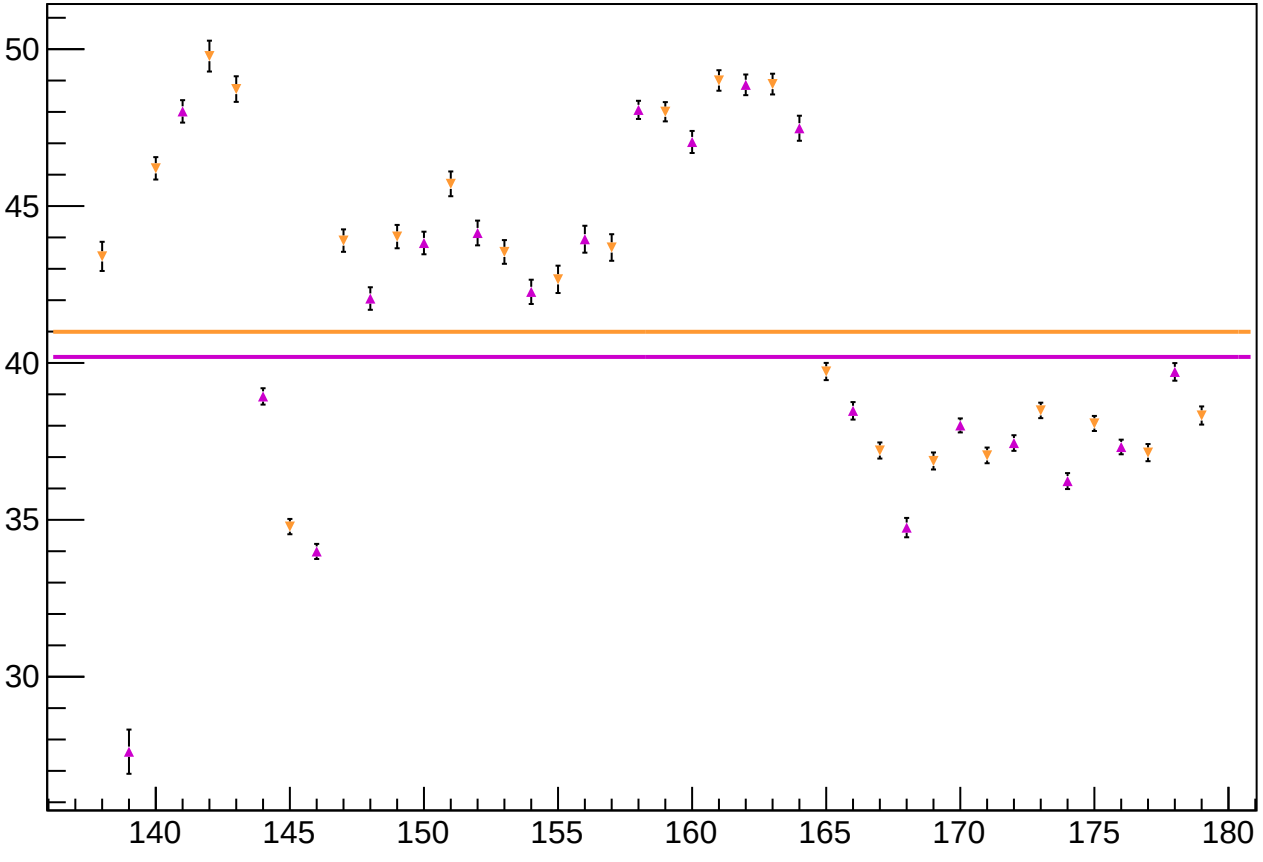
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 20.897+/-0.078 χ^2/NDF:5969.5/19

Out: 21.412+/-0.077 χ^2/NDF:5958.3/21

All: 21.157+/-0.055 χ^2/NDF: 11950.1/41

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: 40.993+/-0.067 χ^2/NDF:4887.1/21

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

Left In: 40.192+/-0.068 χ^2/NDF:4928.9/19

Left: 40.599+/-0.048 χ^2/NDF: 9886.9/41

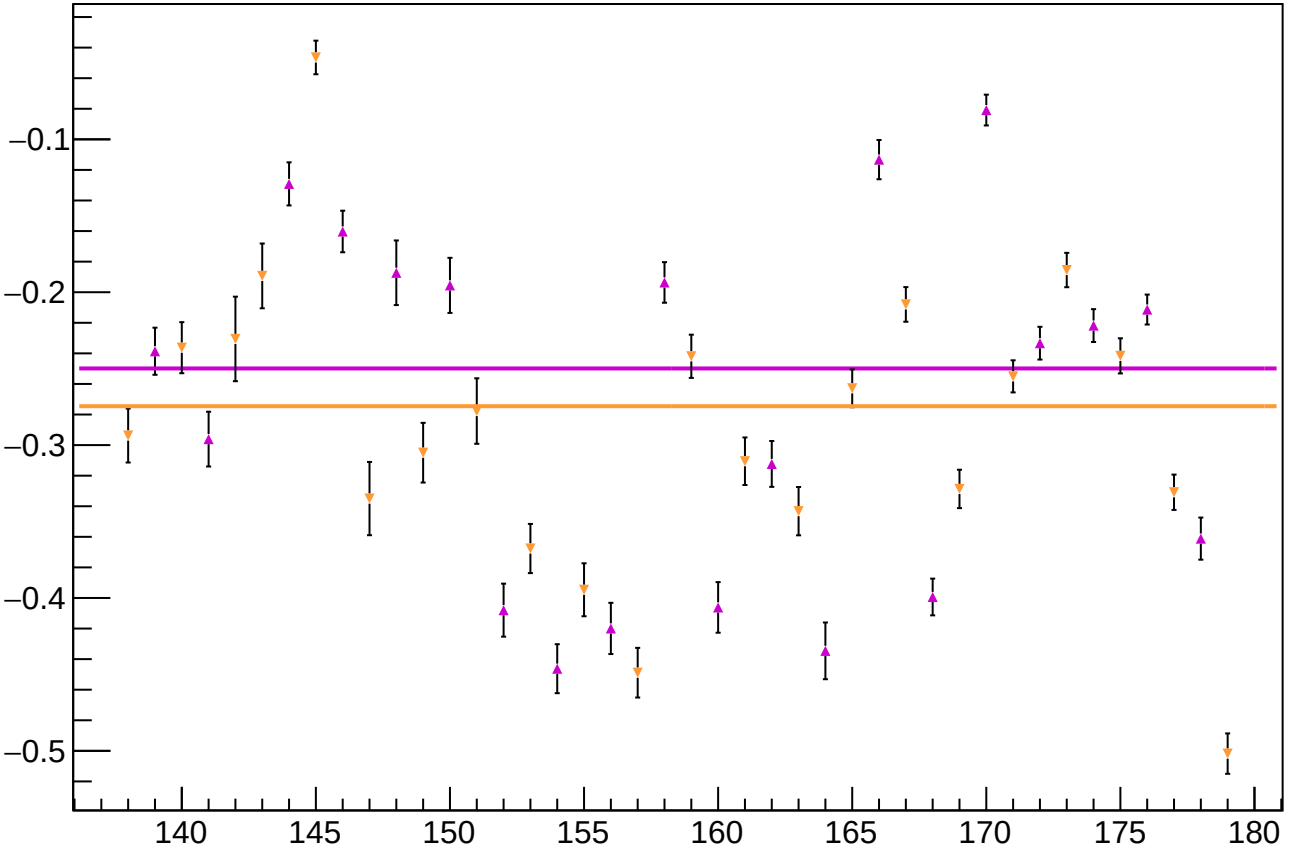
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 40.192+/-0.068 χ^2/NDF:4928.9/19

Out: 40.993+/-0.067 χ^2/NDF:4887.1/21

All: 40.599+/-0.048 χ^2/NDF: 9886.9/41

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: -0.275+/-0.003 χ^2/NDF:1139.5/21

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

Left In: -0.250+/-0.003 χ^2/NDF:1341.4/19

Left: -0.262+/-0.002 χ^2/NDF: 2513.5/41

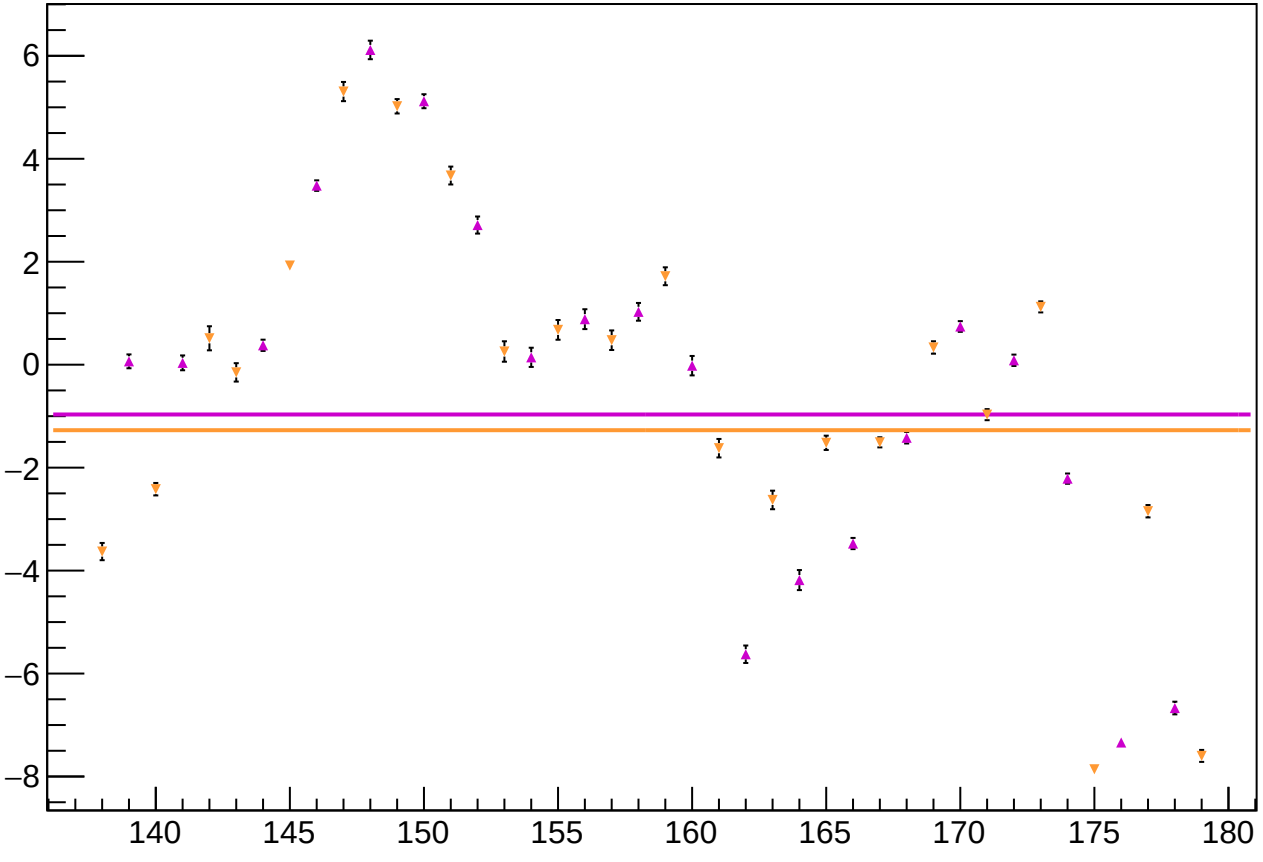
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.250+/-0.003 χ^2/NDF:1341.4/19

Out: -0.275+/-0.003 χ^2/NDF:1139.5/21

All: -0.262+/-0.002 χ^2/NDF: 2513.5/41

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.273+/-0.029 χ^2/NDF:15703.8/21

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

Left In: -0.967+/-0.029 χ^2/NDF:15479.3/19

Left: -1.121+/-0.020 χ^2/NDF: 31239.7/41

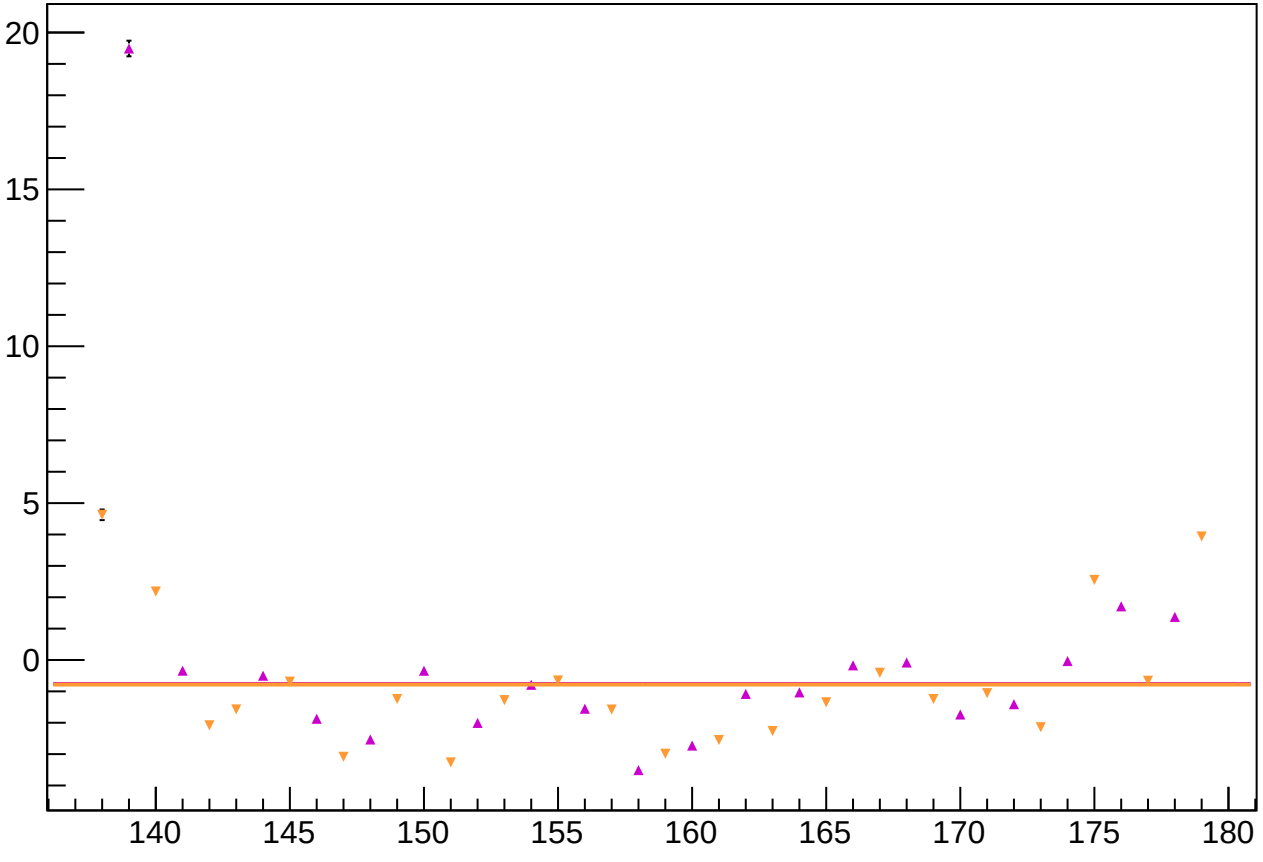
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.967+/-0.029 χ^2/NDF:15479.3/19

Out: -1.273+/-0.029 χ^2/NDF:15703.8/21

All: -1.121+/-0.020 χ^2/NDF: 31239.7/41

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: -0.782+/-0.022 χ^2/NDF:7866.5/21

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

Left In: -0.765+/-0.022 χ^2/NDF:9822.0/19

Left: -0.773+/-0.016 χ^2/NDF: 17688.9/41

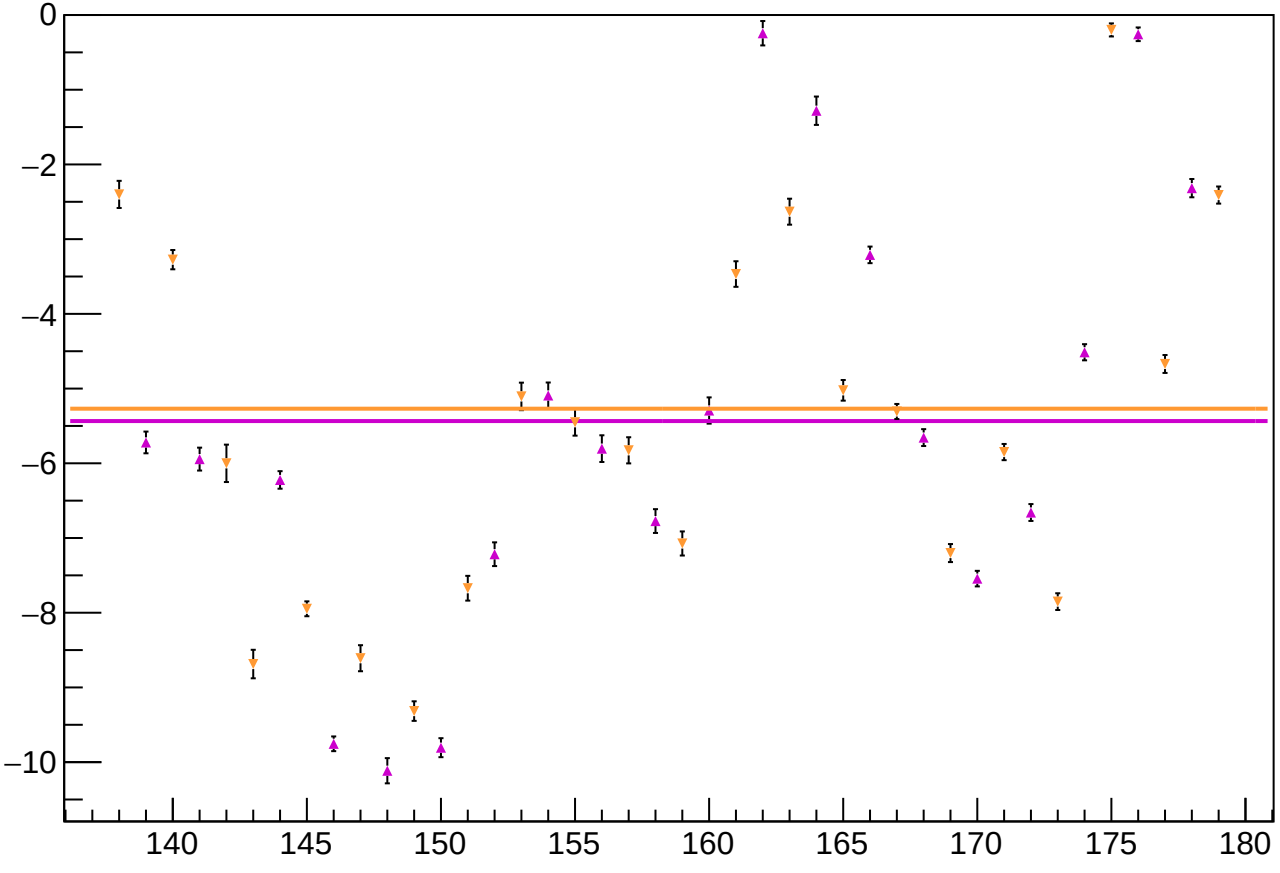
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.765+/-0.022 χ^2/NDF:9822.0/19

Out: -0.782+/-0.022 χ^2/NDF:7866.5/21

All: -0.773+/-0.016 χ^2/NDF: 17688.9/41

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -5.269+/-0.029 χ^2/NDF:8375.6/21

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

Left In: -5.435+/-0.029 χ^2/NDF:10502.6/19

Left: -5.351+/-0.020 χ^2/NDF: 18894.9/41

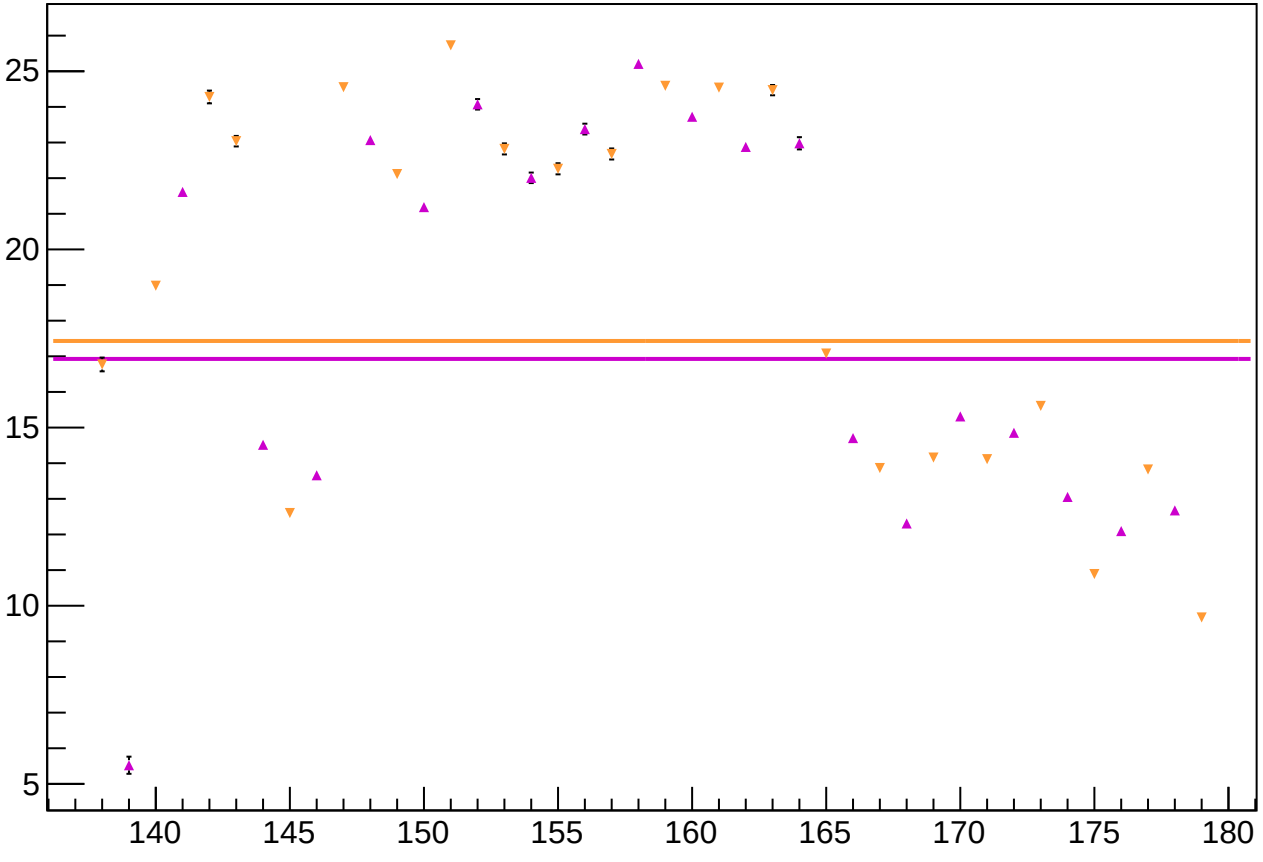
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.435+/-0.029 χ^2/NDF:10502.6/19

Out: -5.269+/-0.029 χ^2/NDF:8375.6/21

All: -5.351+/-0.020 χ^2/NDF: 18894.9/41

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: 17.431+/-0.025 χ^2/NDF:42407.2/21

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

Left In: 16.927+/-0.025 χ^2/NDF:34109.2/19

Left: 17.183+/-0.018 χ^2/NDF: 76719.1/41

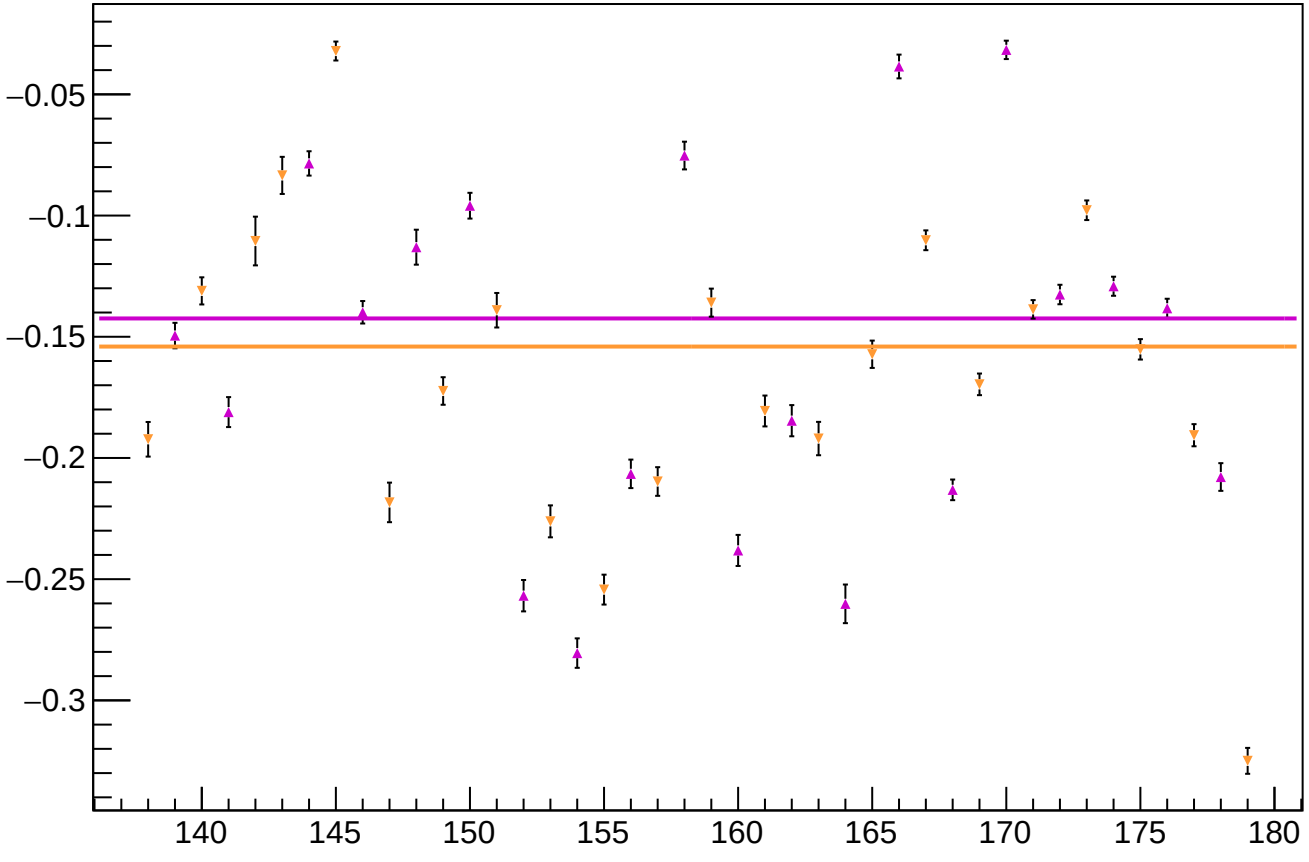
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.927+/-0.025 χ^2/NDF:34109.2/19

Out: 17.431+/-0.025 χ^2/NDF:42407.2/21

All: 17.183+/-0.018 χ^2/NDF: 76719.1/41

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: -0.154+/-0.001 χ^2/NDF:3153.7/21

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

Left In: -0.142+/-0.001 χ^2/NDF:3593.8/19

Left: -0.148+/-0.001 χ^2/NDF: 6799.3/41

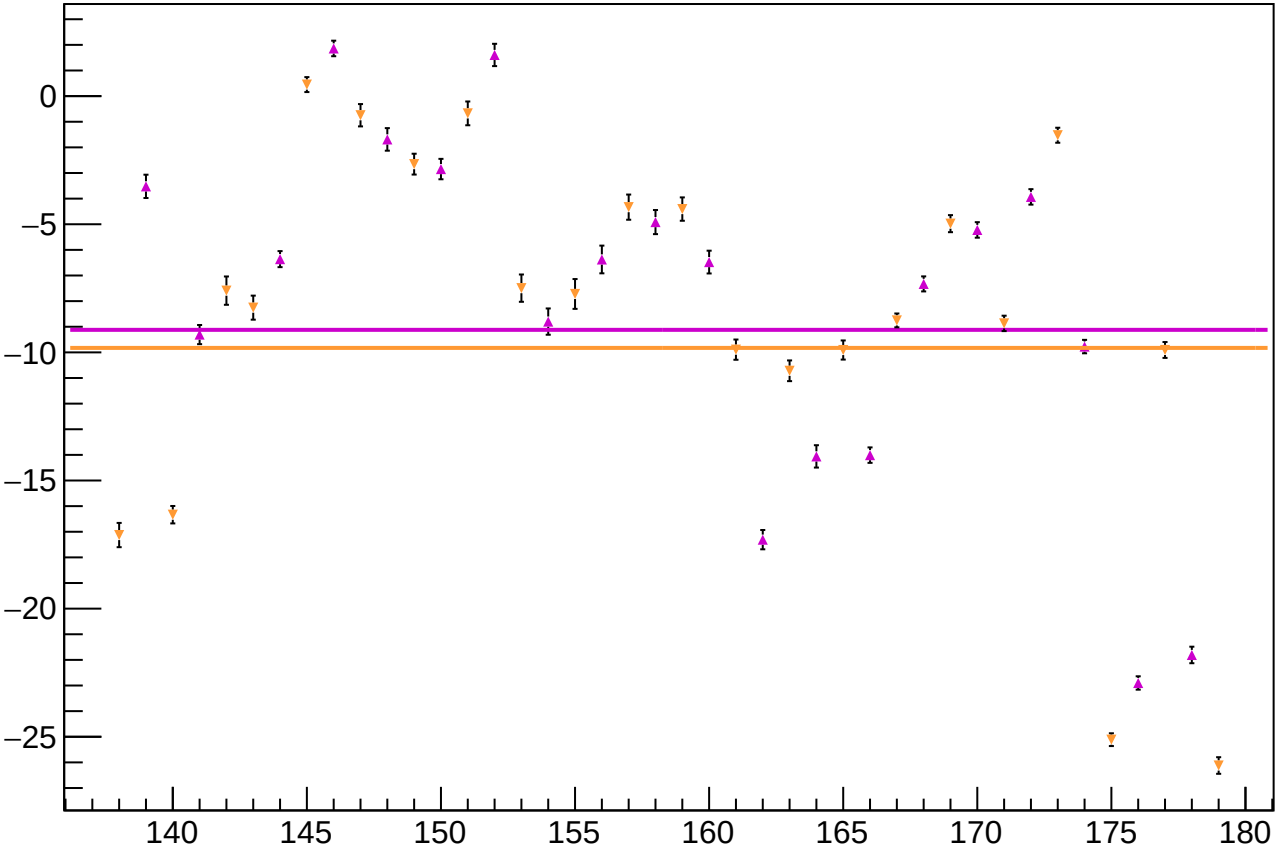
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.142+/-0.001 χ^2/NDF:3593.8/19

Out: -0.154+/-0.001 χ^2/NDF:3153.7/21

All: -0.148+/-0.001 χ^2/NDF: 6799.3/41

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.825+/-0.078 χ^2/NDF:10644.7/21

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

Left In: -9.120+/-0.078 χ^2/NDF:8525.7/19

Left: -9.476+/-0.055 χ^2/NDF: 19211.1/41

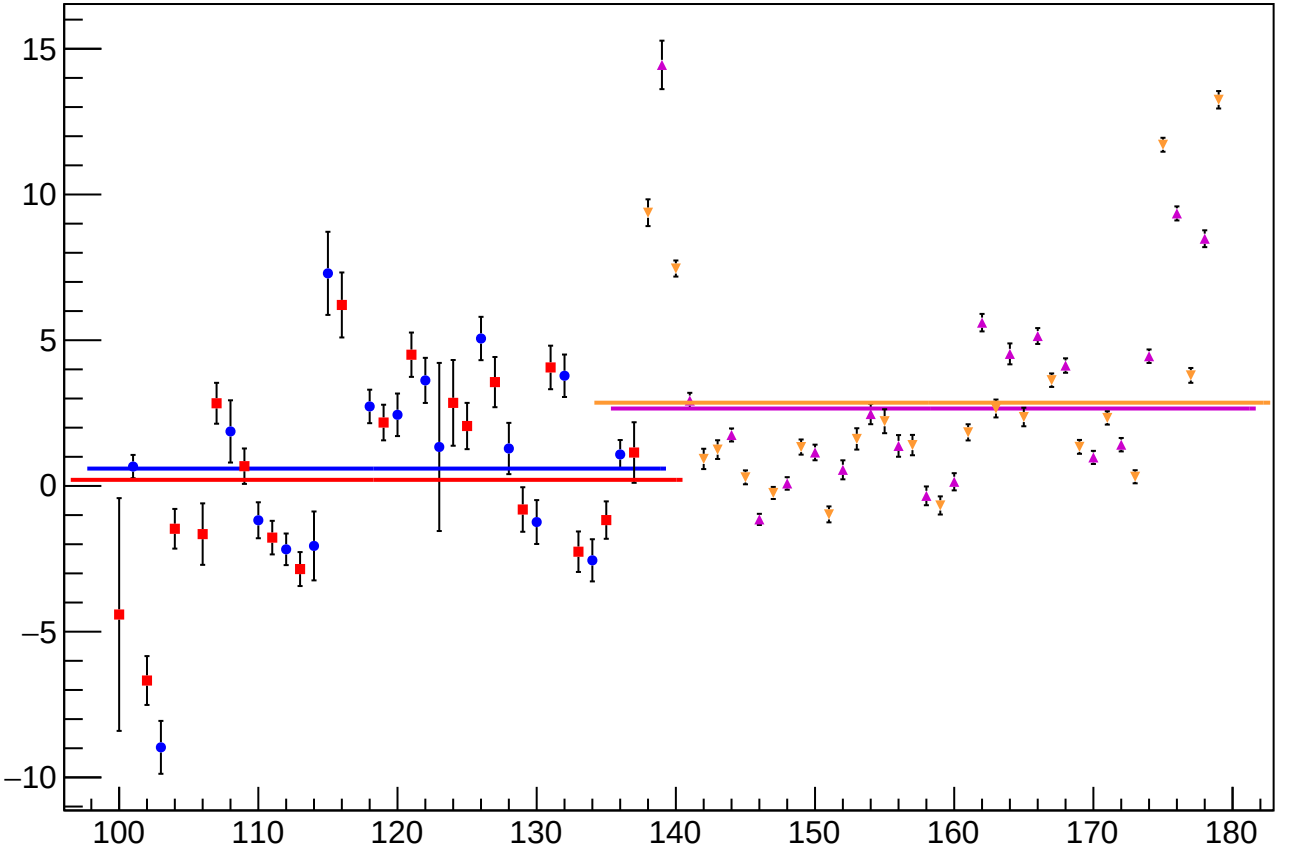
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.120+/-0.078 χ^2/NDF:8525.7/19

Out: -9.825+/-0.078 χ^2/NDF:10644.7/21

All: -9.476+/-0.055 χ^2/NDF: 19211.1/41

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596+/-0.169 χ^2/NDF: 291.2/16

Left Out: 2.857+/-0.059 χ^2/NDF:4052.6/21

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 2.657+/-0.060 χ^2/NDF:2564.8/19

Left: 2.758+/-0.042 χ^2/NDF: 6623.0/41

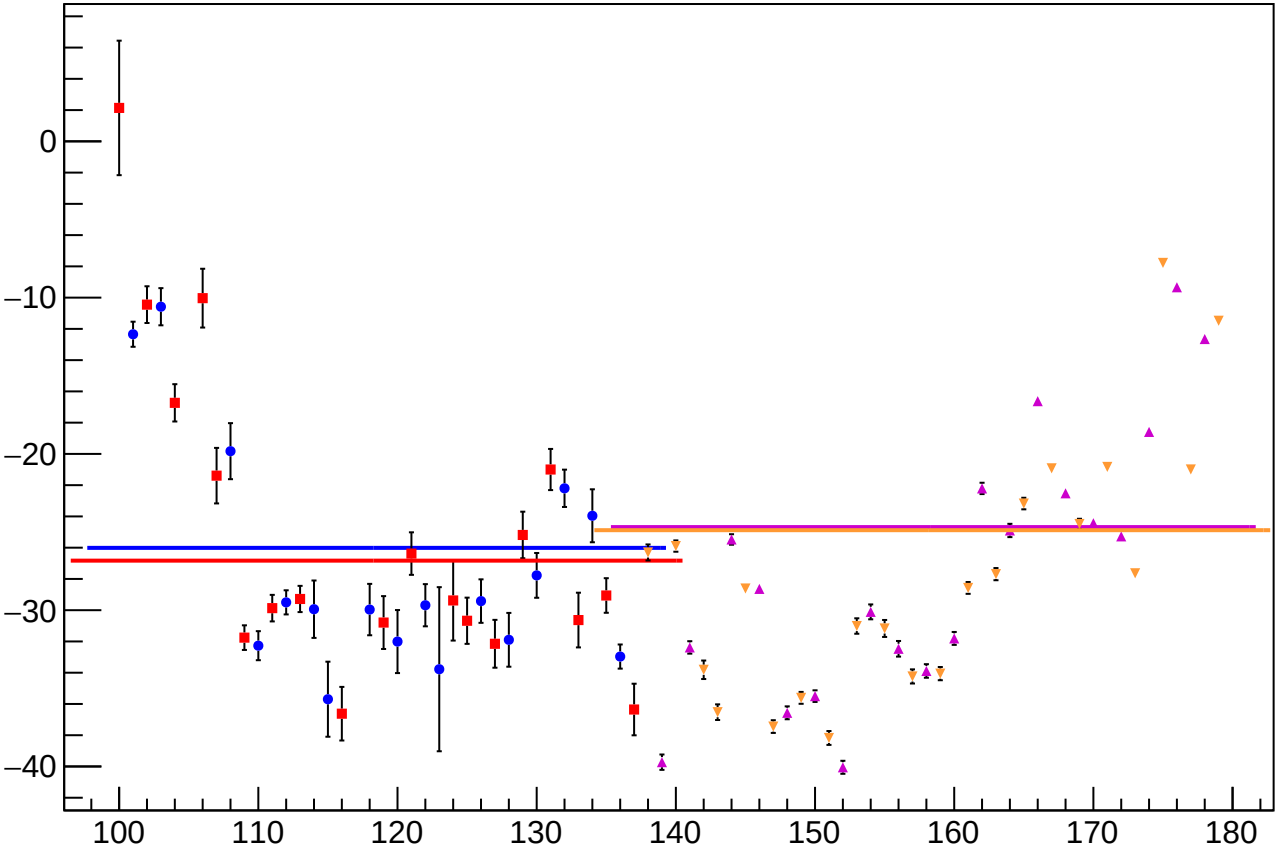
Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 2.427+/-0.056 χ^2/NDF:2988.1/36

Out: 2.588+/-0.056 χ^2/NDF:4532.5/40

All: 2.508+/-0.040 χ^2/NDF: 7524.6/77

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: -24.881+/-0.078 χ^2/NDF:12022.4/21

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -24.683+/-0.078 χ^2/NDF:11844.6/19

Left: -24.782+/-0.055 χ^2/NDF: 23870.3/41

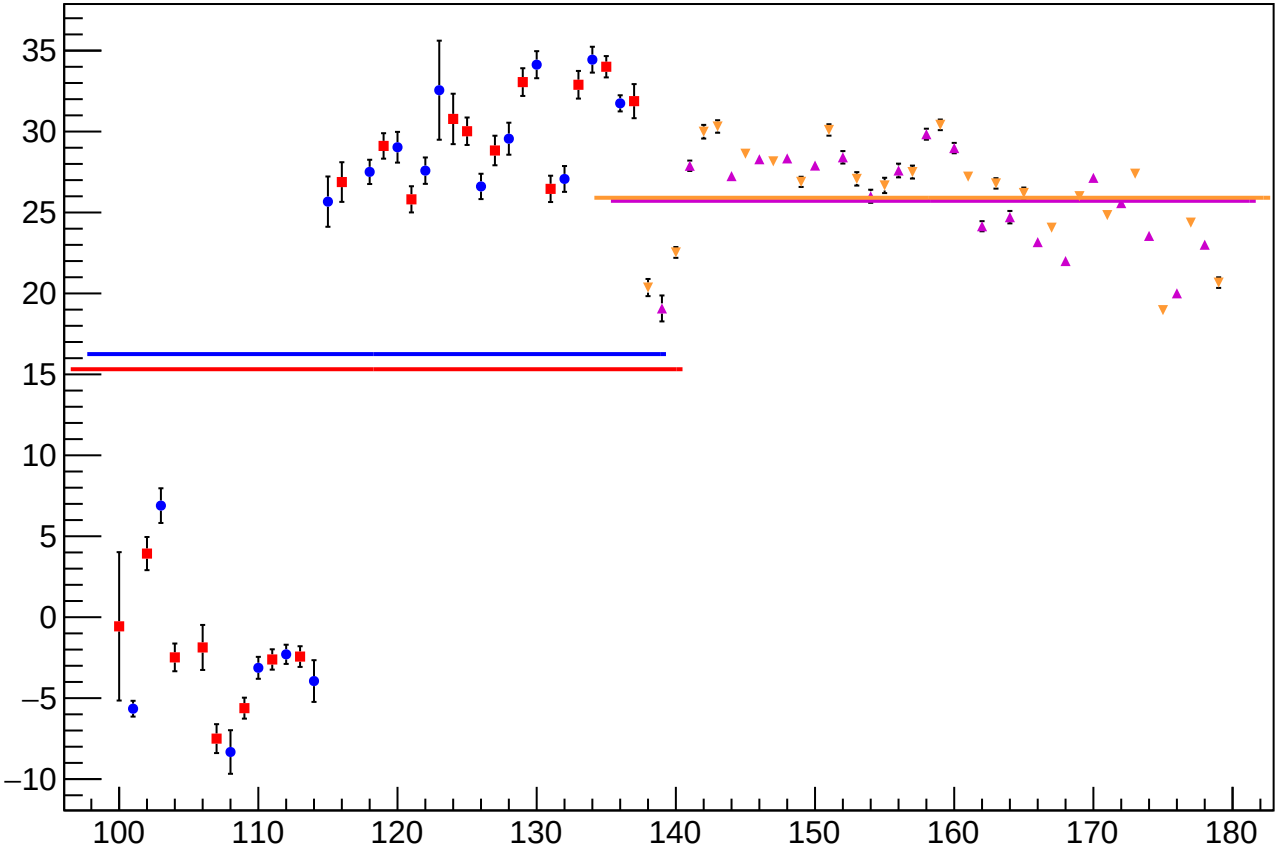
Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -24.768+/-0.076 χ^2/NDF:12556.0/36

Out: -25.005+/-0.075 χ^2/NDF:12644.2/40

All: -24.887+/-0.053 χ^2/NDF: 25205.1/77

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: 25.910+/-0.067 χ^2/NDF:2146.5/21

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 25.722+/-0.068 χ^2/NDF:1659.4/19

Left: 25.817+/-0.048 χ^2/NDF: 3809.8/41

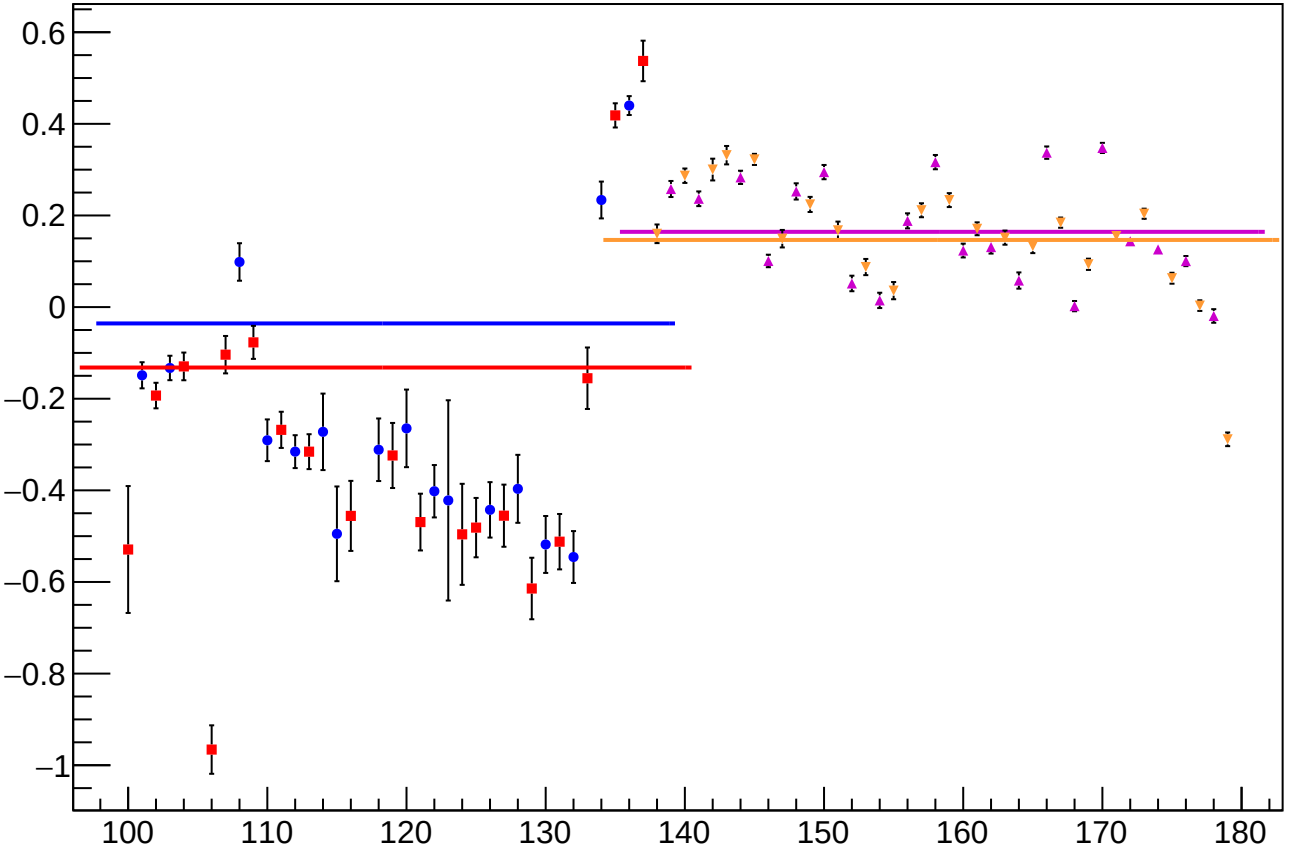
Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 24.659+/-0.064 χ^2/NDF:11451.9/36

Out: 24.819+/-0.063 χ^2/NDF:12020.0/40

All: 24.740+/-0.045 χ^2/NDF: 23475.1/77

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: 0.147+/-0.003 χ^2/NDF:1649.8/21

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.164+/-0.003 χ^2/NDF:1352.9/19

Left: 0.155+/-0.002 χ^2/NDF: 3019.1/41

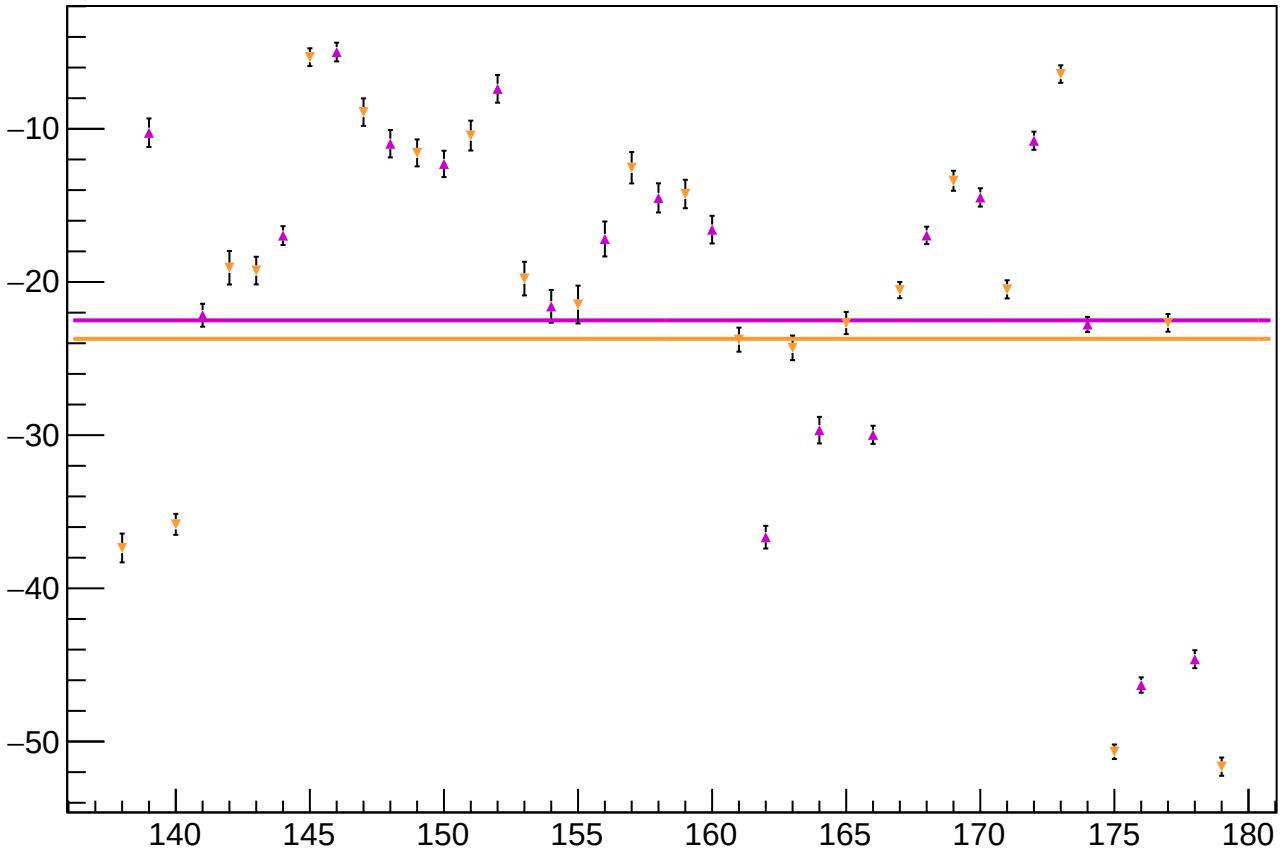
Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.148+/-0.003 χ^2/NDF:2712.1/36

Out: 0.124+/-0.003 χ^2/NDF:3485.2/40

All: 0.136+/-0.002 χ^2/NDF: 6229.3/77

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.711+/-0.153 χ^2/NDF:9119.4/21

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

Left In: -22.504+/-0.155 χ^2/NDF:6745.1/19

Left: -23.113+/-0.109 χ^2/NDF: 15895.2/41

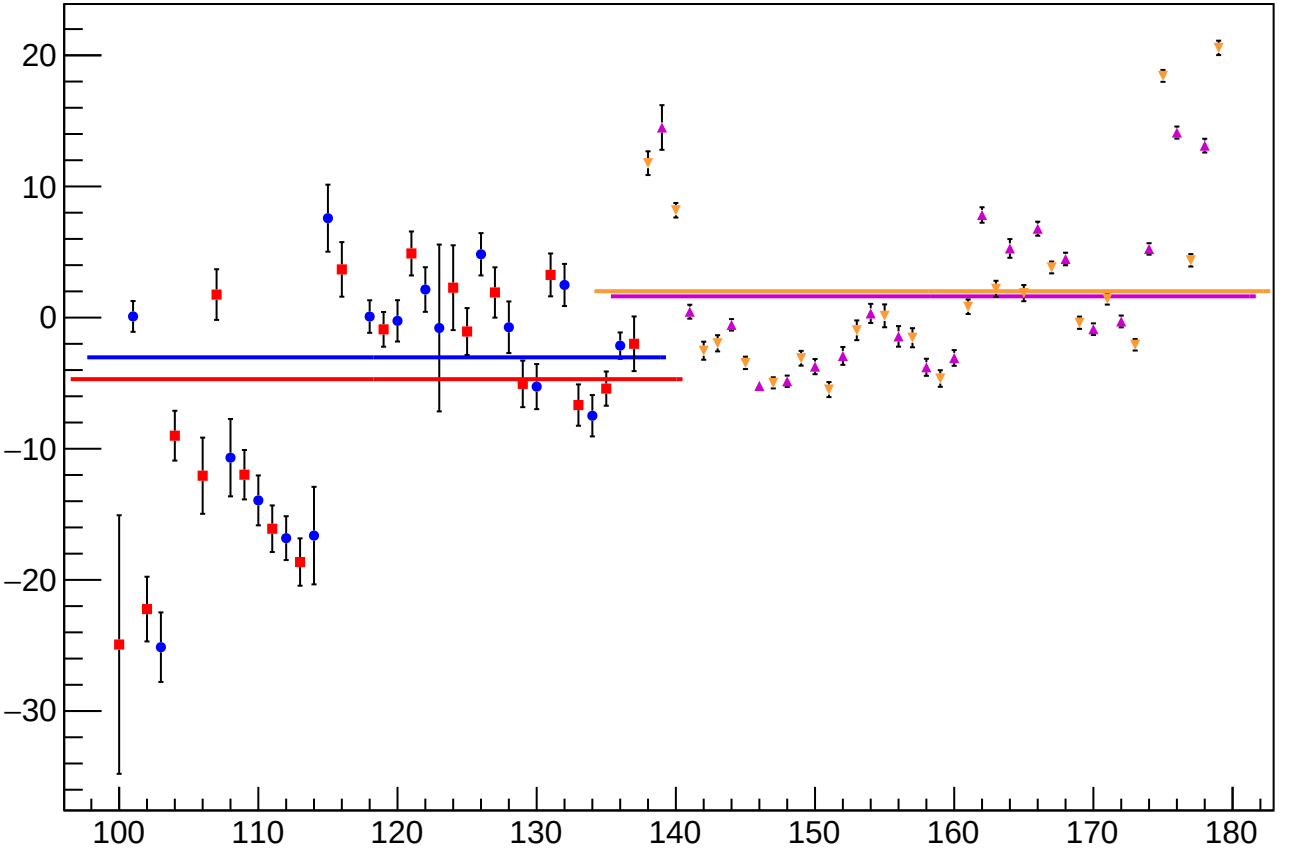
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.504+/-0.155 χ^2/NDF:6745.1/19

Out: -23.711+/-0.153 χ^2/NDF:9119.4/21

All: -23.113+/-0.109 χ^2/NDF: 15895.2/41

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: 2.015+/-0.117 χ^2/NDF:3737.4/21

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: 1.621+/-0.118 χ^2/NDF:2505.9/19

Left: 1.821+/-0.083 χ^2/NDF: 6248.9/41

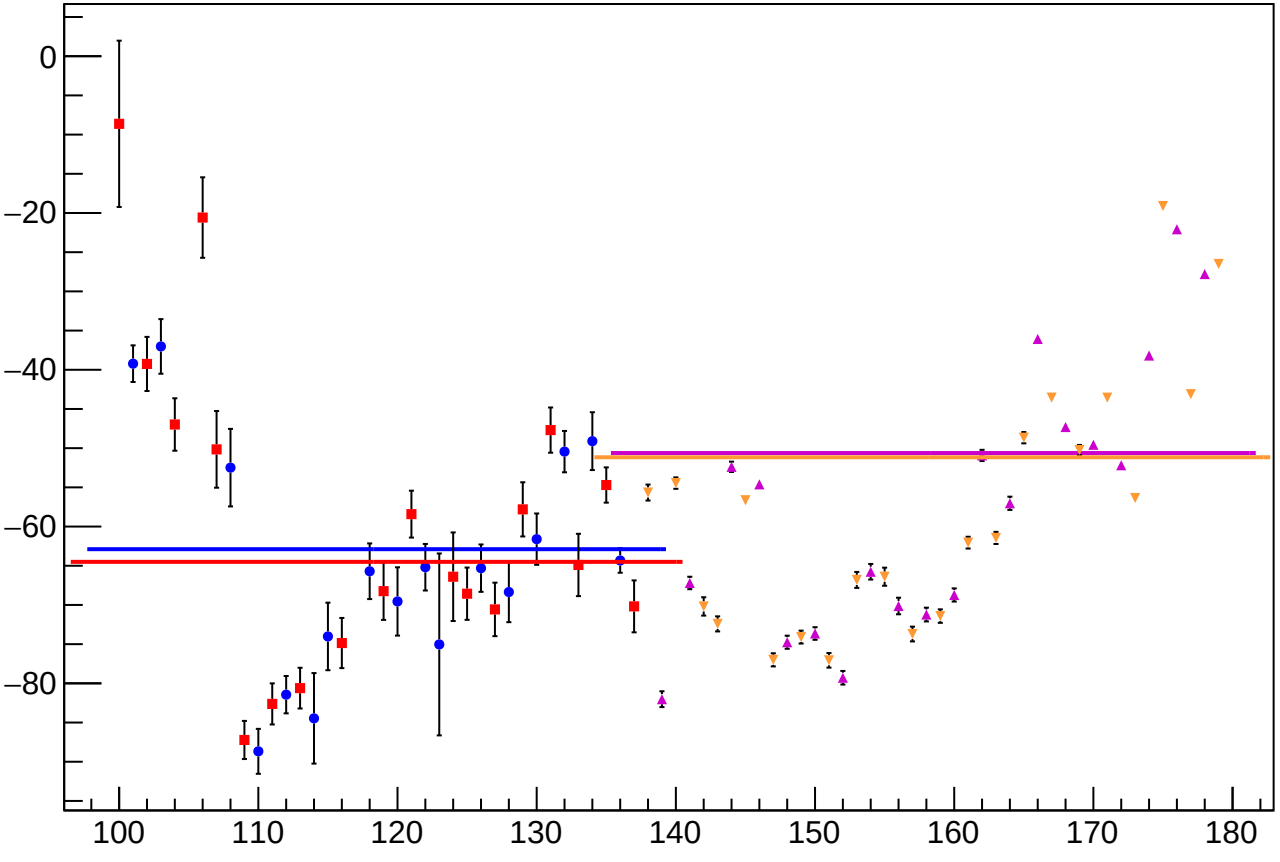
Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: 1.259+/-0.114 χ^2/NDF:2906.8/36

Out: 1.549+/-0.112 χ^2/NDF:4265.8/40

All: 1.406+/-0.080 χ^2/NDF: 7175.8/77

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: -51.162+/-0.153 χ^2/NDF:12253.9/21

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -50.620+/-0.155 χ^2/NDF:11860.2/19

Left: -50.894+/-0.109 χ^2/NDF: 24120.3/41

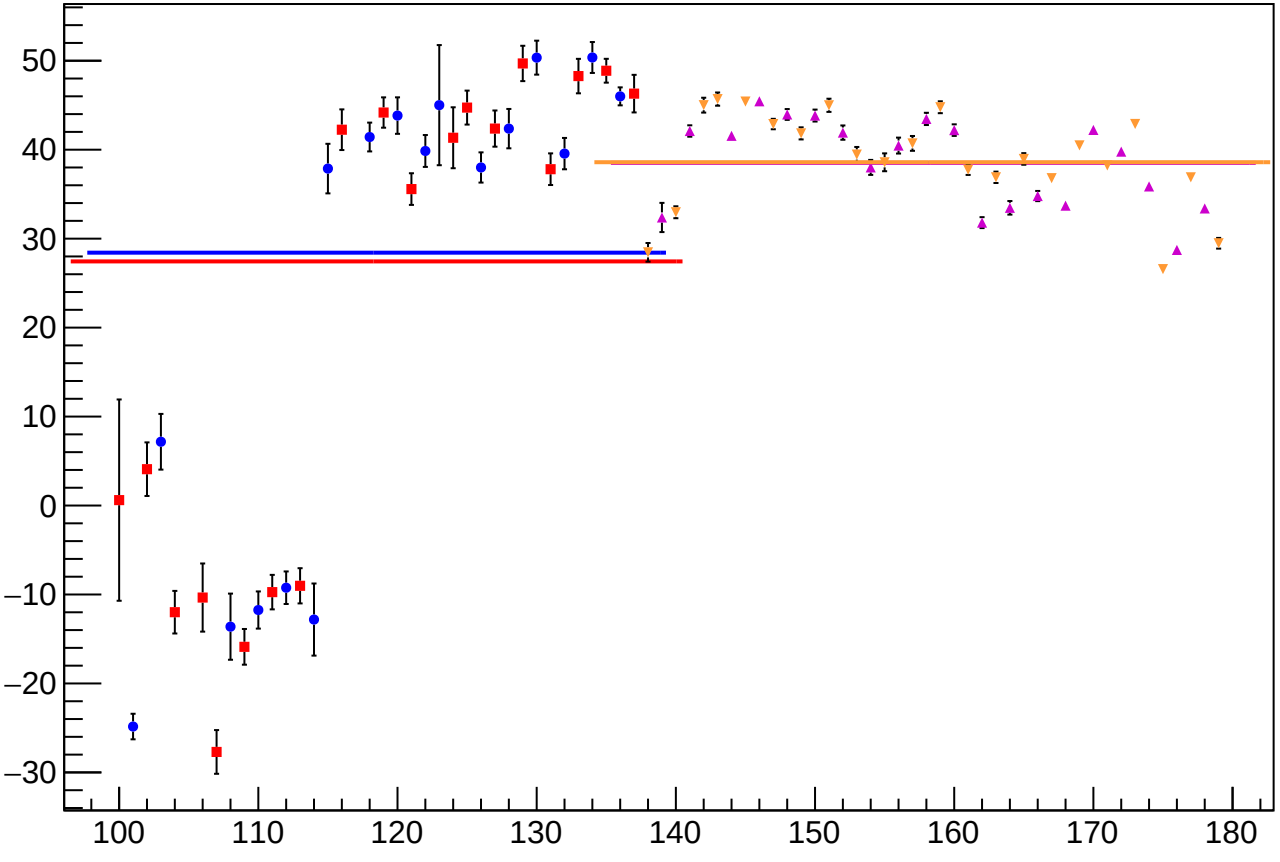
Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -51.135+/-0.151 χ^2/NDF:12493.7/36

Out: -51.694+/-0.150 χ^2/NDF:13000.7/40

All: -51.417+/-0.107 χ^2/NDF: 25501.2/77

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: 38.593+/-0.132 χ^2/NDF:1705.2/21

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 38.516+/-0.134 χ^2/NDF:1392.7/19

Left: 38.555+/-0.094 χ^2/NDF: 3098.0/41

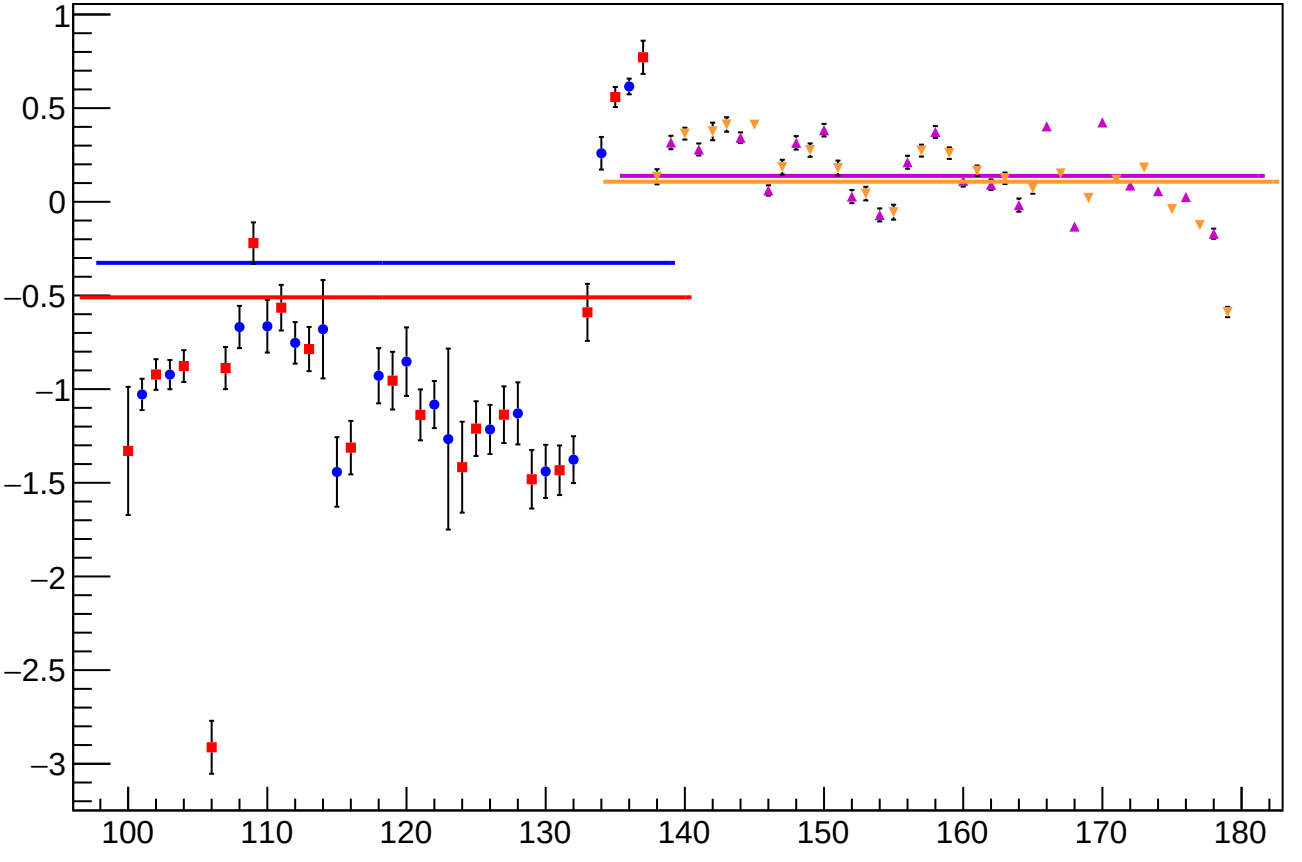
Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 37.715+/-0.129 χ^2/NDF:5171.7/36

Out: 37.805+/-0.127 χ^2/NDF:5242.6/40

All: 37.761+/-0.090 χ^2/NDF: 10414.6/77

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: 0.107+/-0.006 χ^2/NDF:1255.1/21

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.138+/-0.006 χ^2/NDF:913.5/19

Left: 0.123+/-0.004 χ^2/NDF: 2181.6/41

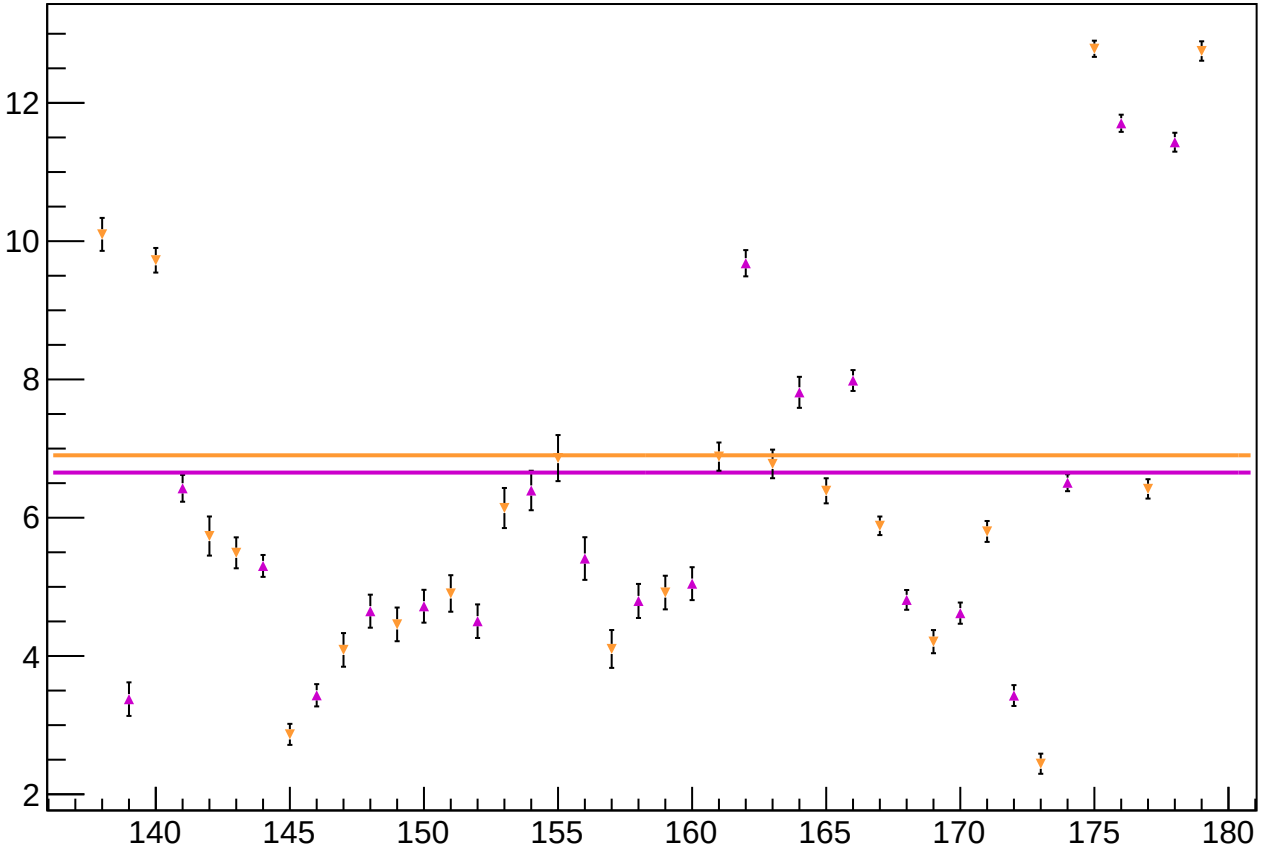
Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.112+/-0.006 χ^2/NDF:2254.4/36

Out: 0.075+/-0.006 χ^2/NDF:2970.6/40

All: 0.093+/-0.004 χ^2/NDF: 5244.8/77

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 6.903+/-0.039 χ^2/NDF:7241.1/21

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

Left In: 6.653+/-0.039 χ^2/NDF:5023.8/19

Left: 6.779+/-0.028 χ^2/NDF: 12285.2/41

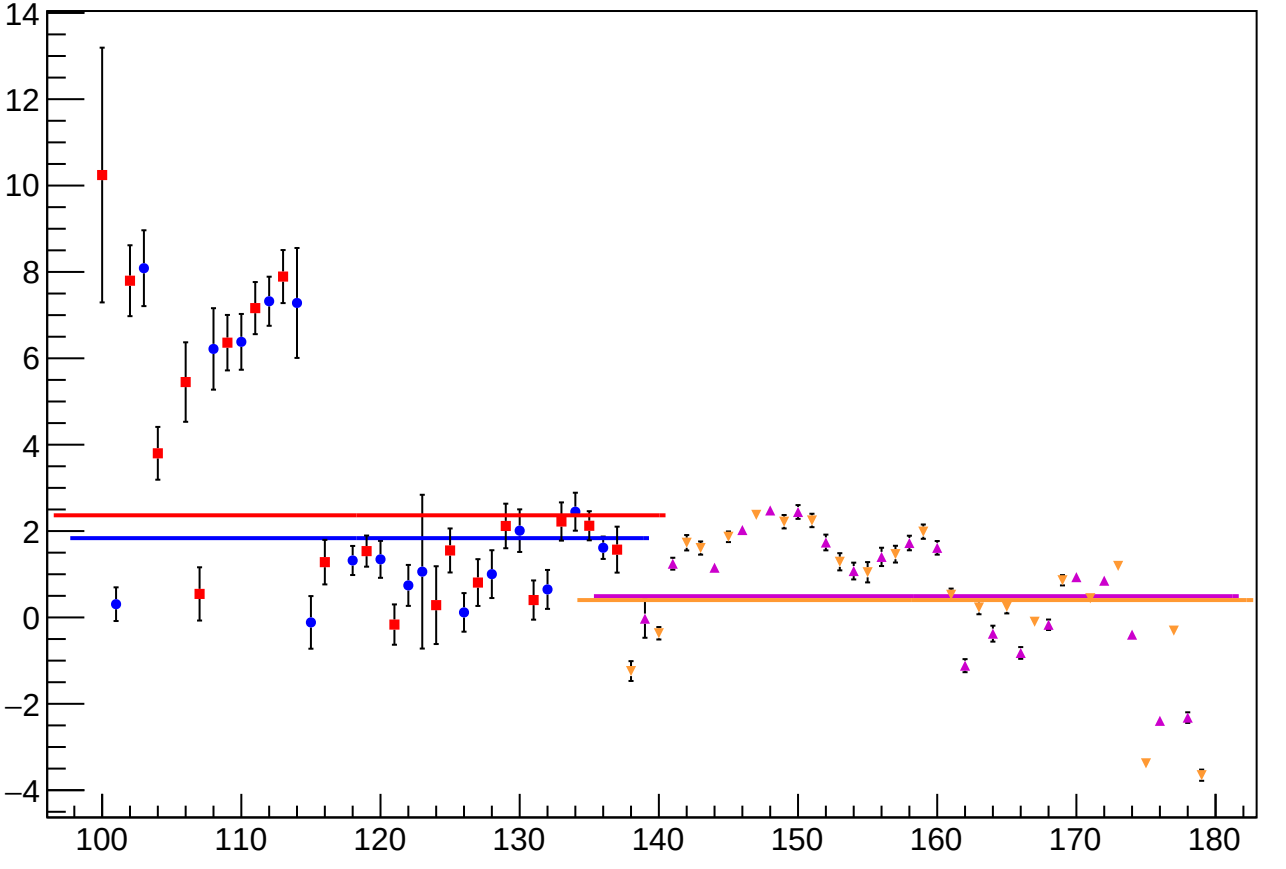
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 6.653+/-0.039 χ^2/NDF:5023.8/19

Out: 6.903+/-0.039 χ^2/NDF:7241.1/21

All: 6.779+/-0.028 χ^2/NDF: 12285.2/41

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: 0.402+/-0.030 χ^2/NDF:3295.2/21

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 0.492+/-0.030 χ^2/NDF:2439.6/19

Left: 0.447+/-0.021 χ^2/NDF: 5739.3/41

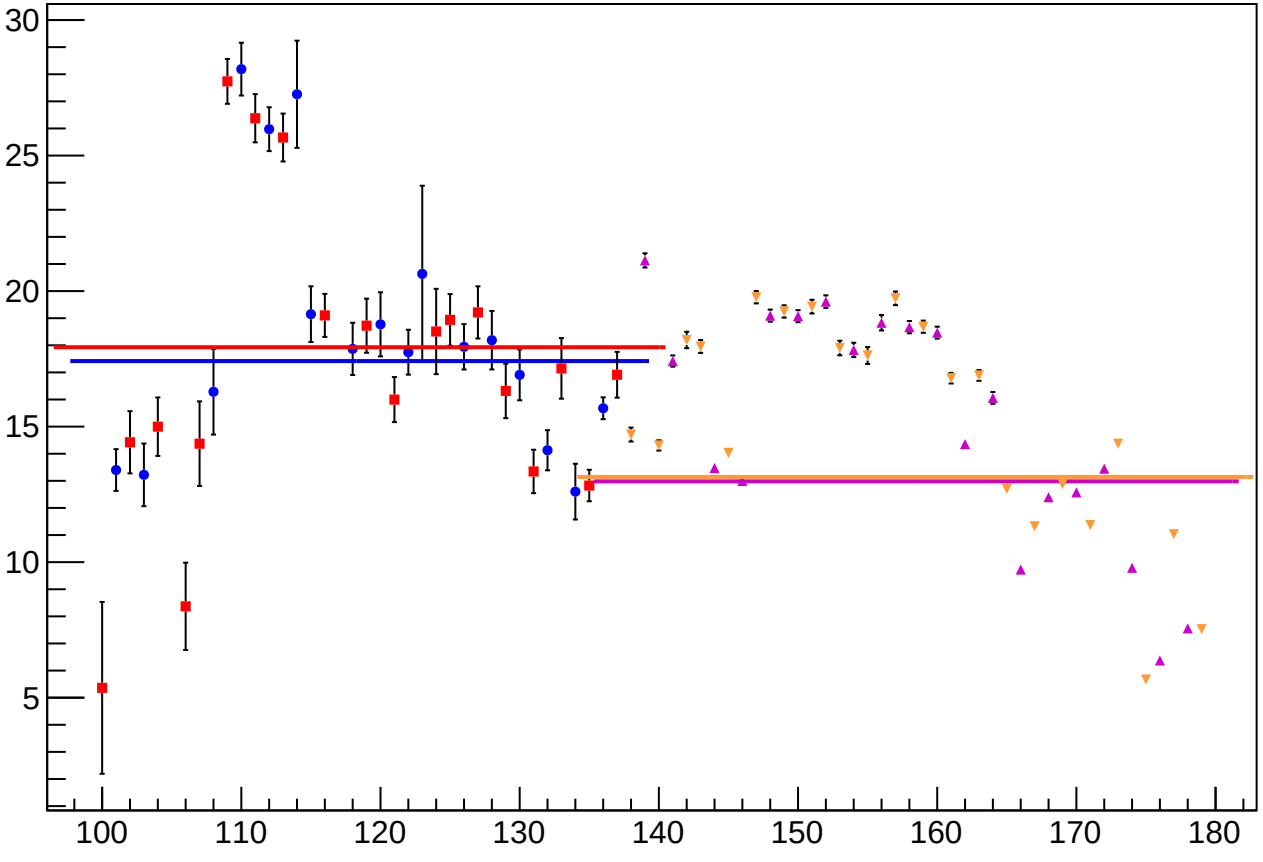
Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 0.579+/-0.029 χ^2/NDF:2860.0/36

Out: 0.512+/-0.029 χ^2/NDF:3873.4/40

All: 0.545+/-0.021 χ^2/NDF: 6736.0/77

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.418+/-0.212 χ^2/NDF: 366.8/16

Left Out: 13.145+/-0.039 χ^2/NDF:11799.0/21

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 12.981+/-0.039 χ^2/NDF:11535.1/19

Left: 13.064+/-0.028 χ^2/NDF: 23342.7/41

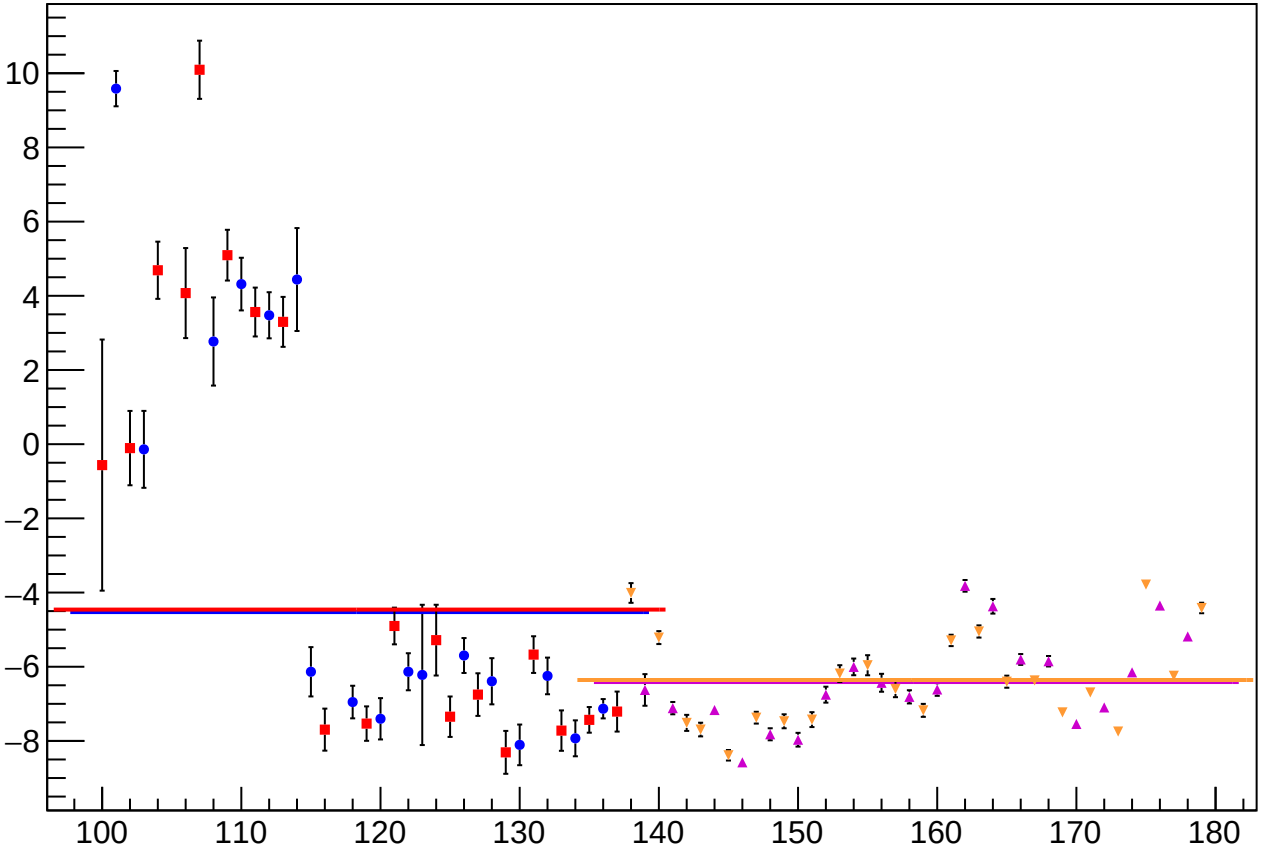
Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 13.130+/-0.039 χ^2/NDF:12326.4/36

Out: 13.292+/-0.038 χ^2/NDF:12768.3/40

All: 13.212+/-0.027 χ^2/NDF: 25103.4/77

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: -6.357+/-0.034 χ^2/NDF:1495.0/21

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -6.412+/-0.034 χ^2/NDF:1411.1/19

Left: -6.384+/-0.024 χ^2/NDF: 2907.4/41

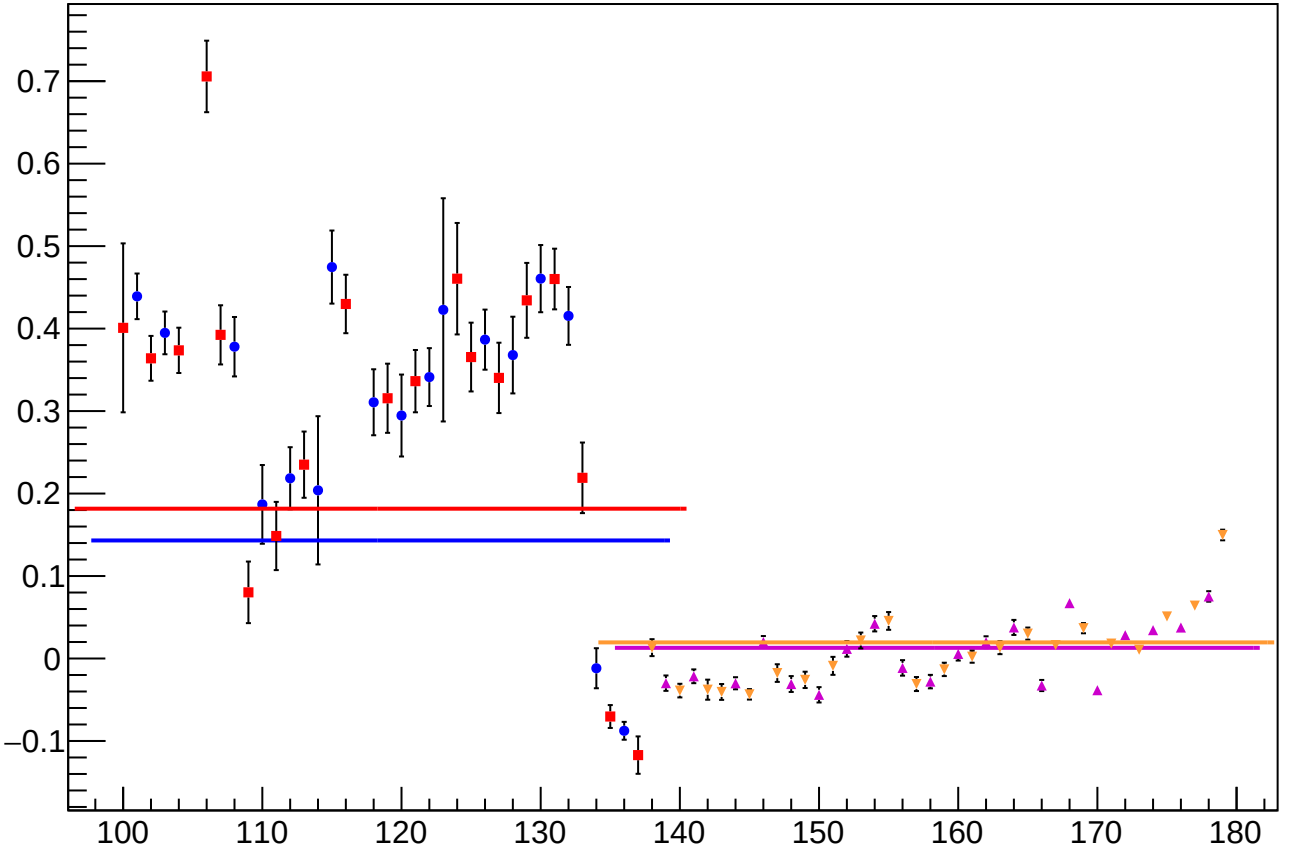
Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -6.288+/-0.033 χ^2/NDF:3199.4/36

Out: -6.249+/-0.033 χ^2/NDF:3015.0/40

All: -6.268+/-0.023 χ^2/NDF: 6215.1/77

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143+/-0.007 χ^2/NDF: 1060.4/16

Left Out: 0.020+/-0.002 χ^2/NDF:836.4/21

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: 0.013+/-0.002 χ^2/NDF:554.6/19

Left: 0.016+/-0.001 χ^2/NDF: 1399.8/41

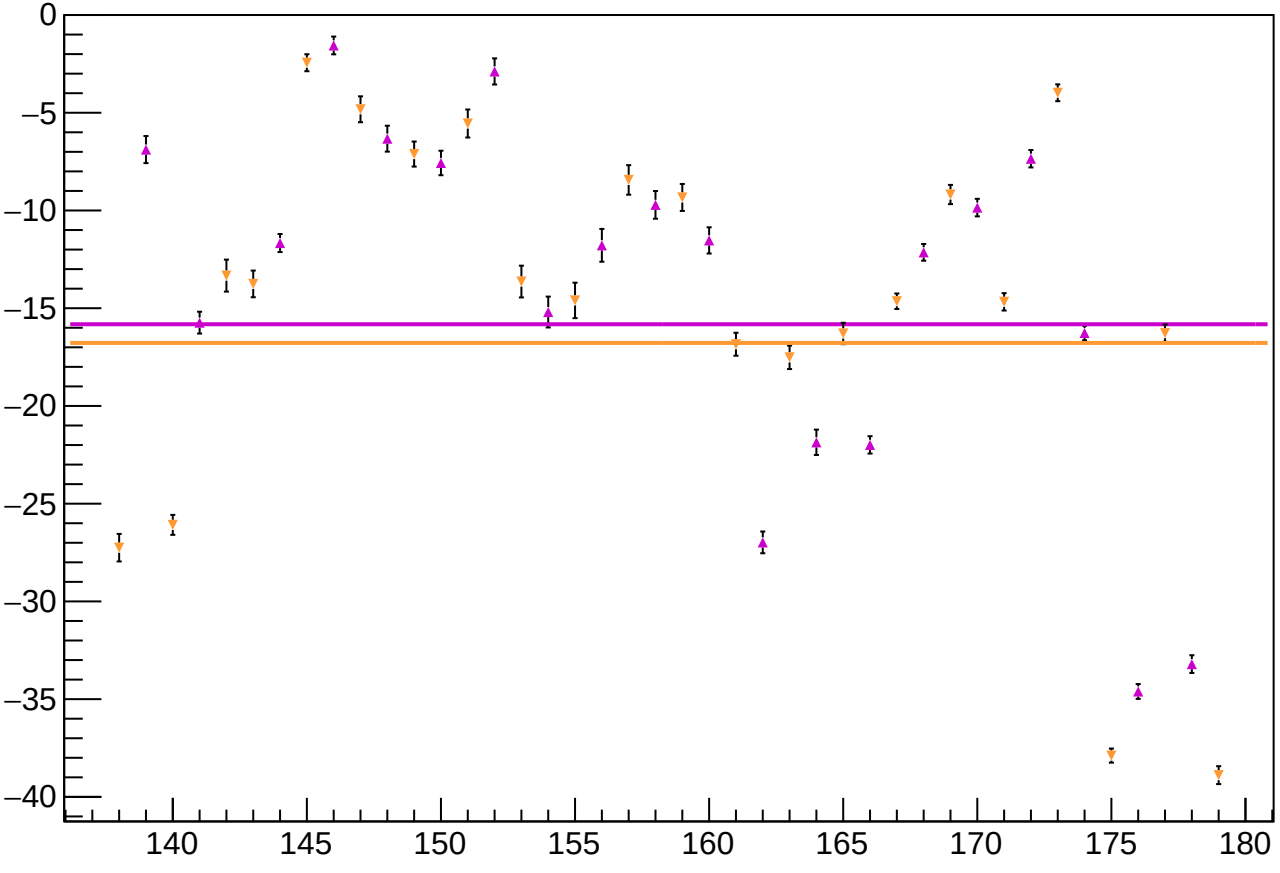
Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.019+/-0.002 χ^2/NDF:1939.8/36

Out: 0.026+/-0.002 χ^2/NDF:2305.5/40

All: 0.023+/-0.001 χ^2/NDF: 4256.7/77

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -16.776+/-0.115 χ^2/NDF:9678.8/21

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

Left In: -15.820+/-0.116 χ^2/NDF:7346.2/19

Left: -16.303+/-0.082 χ^2/NDF: 17059.2/41

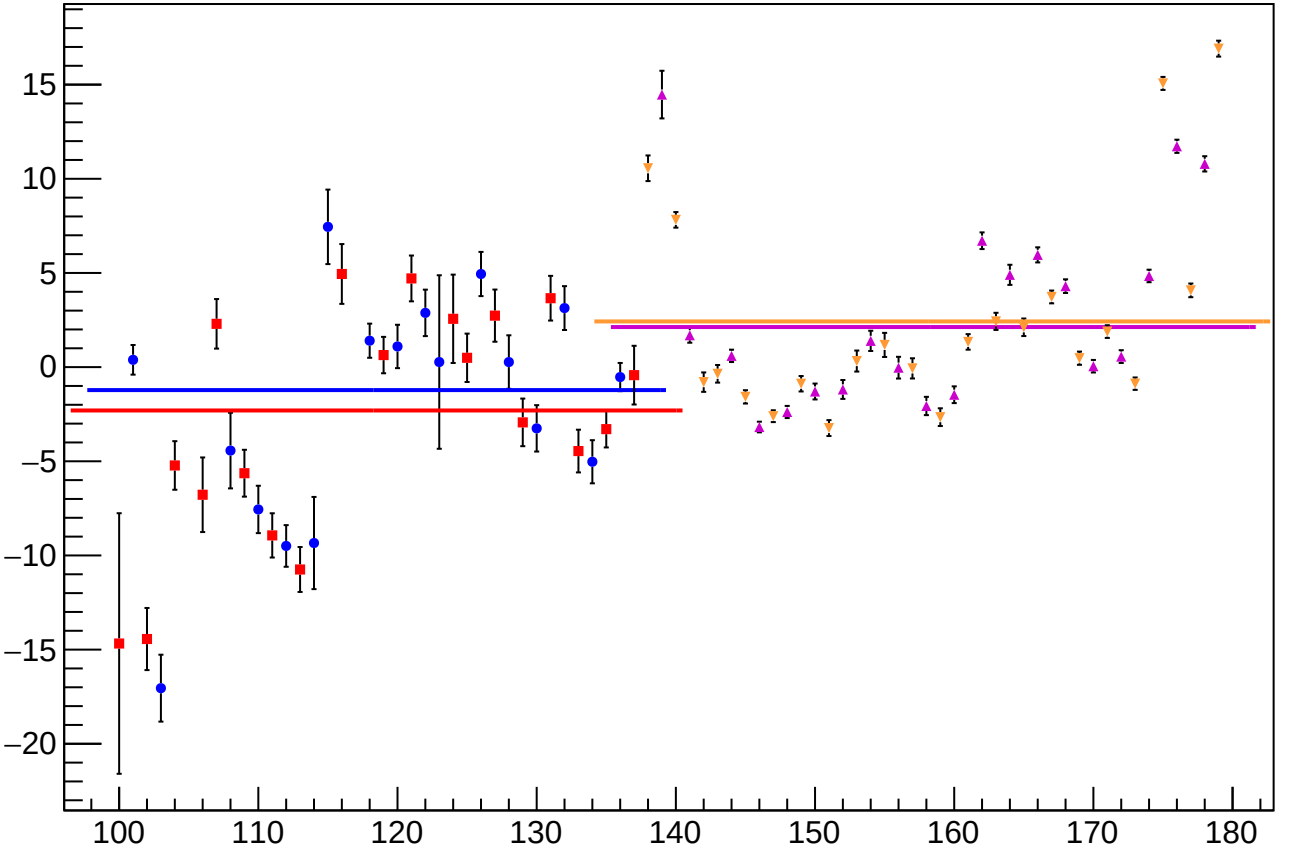
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.820+/-0.116 χ^2/NDF:7346.2/19

Out: -16.776+/-0.115 χ^2/NDF:9678.8/21

All: -16.303+/-0.082 χ^2/NDF: 17059.2/41

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: 2.426+/-0.087 χ^2/NDF:3857.1/21

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: 2.128+/-0.089 χ^2/NDF:2523.9/19

Left: 2.279+/-0.062 χ^2/NDF: 6386.7/41

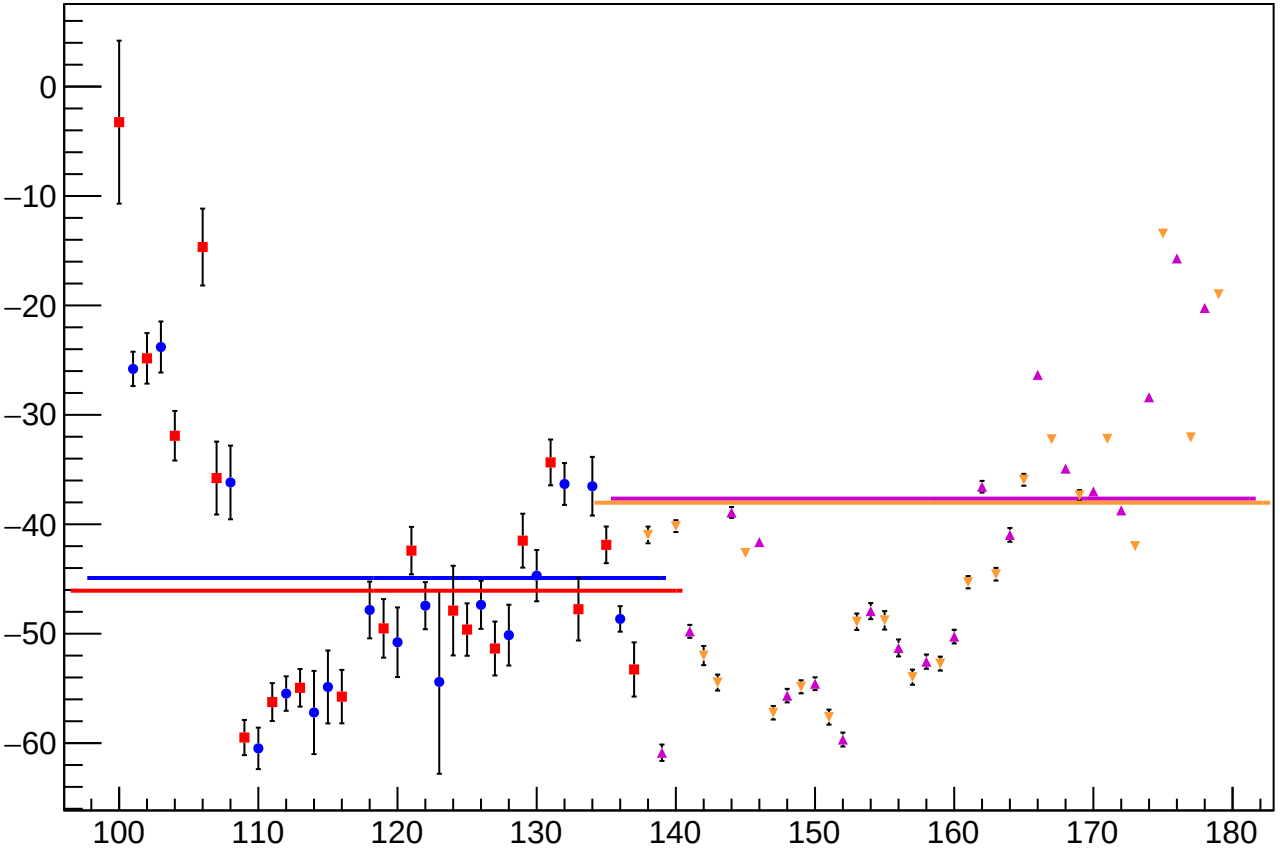
Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: 1.841+/-0.085 χ^2/NDF:2924.4/36

Out: 2.062+/-0.084 χ^2/NDF:4368.9/40

All: 1.953+/-0.060 χ^2/NDF: 7296.7/77

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: -38.028+/-0.115 χ^2/NDF:12251.8/21

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -37.655+/-0.116 χ^2/NDF:11891.9/19

Left: -37.843+/-0.082 χ^2/NDF: 24149.0/41

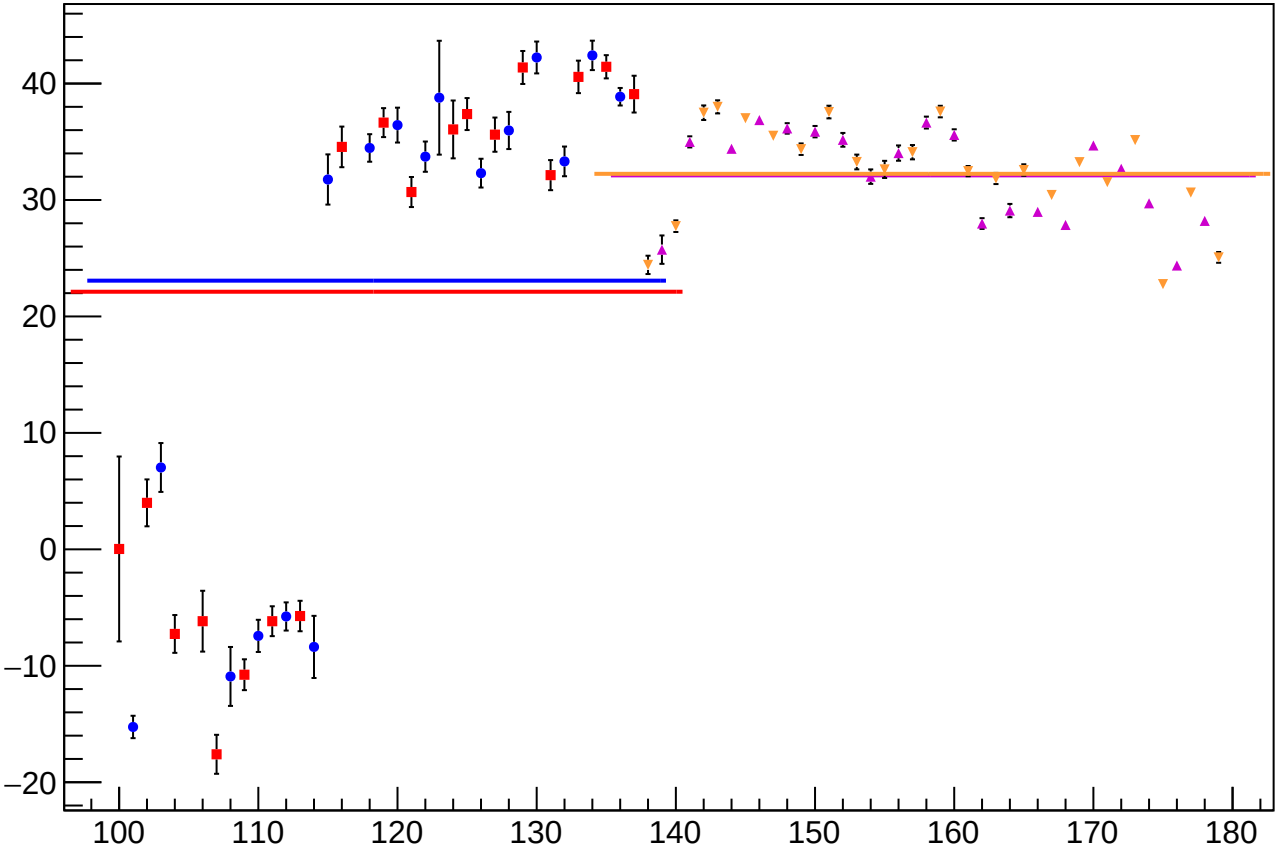
Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -37.996+/-0.113 χ^2/NDF:12496.7/36

Out: -38.392+/-0.112 χ^2/NDF:12927.1/40

All: -38.195+/-0.080 χ^2/NDF: 25430.0/77

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 32.247+/-0.099 χ^2/NDF:1827.6/21

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 32.114+/-0.101 χ^2/NDF:1449.0/19

Left: 32.182+/-0.071 χ^2/NDF: 3277.4/41

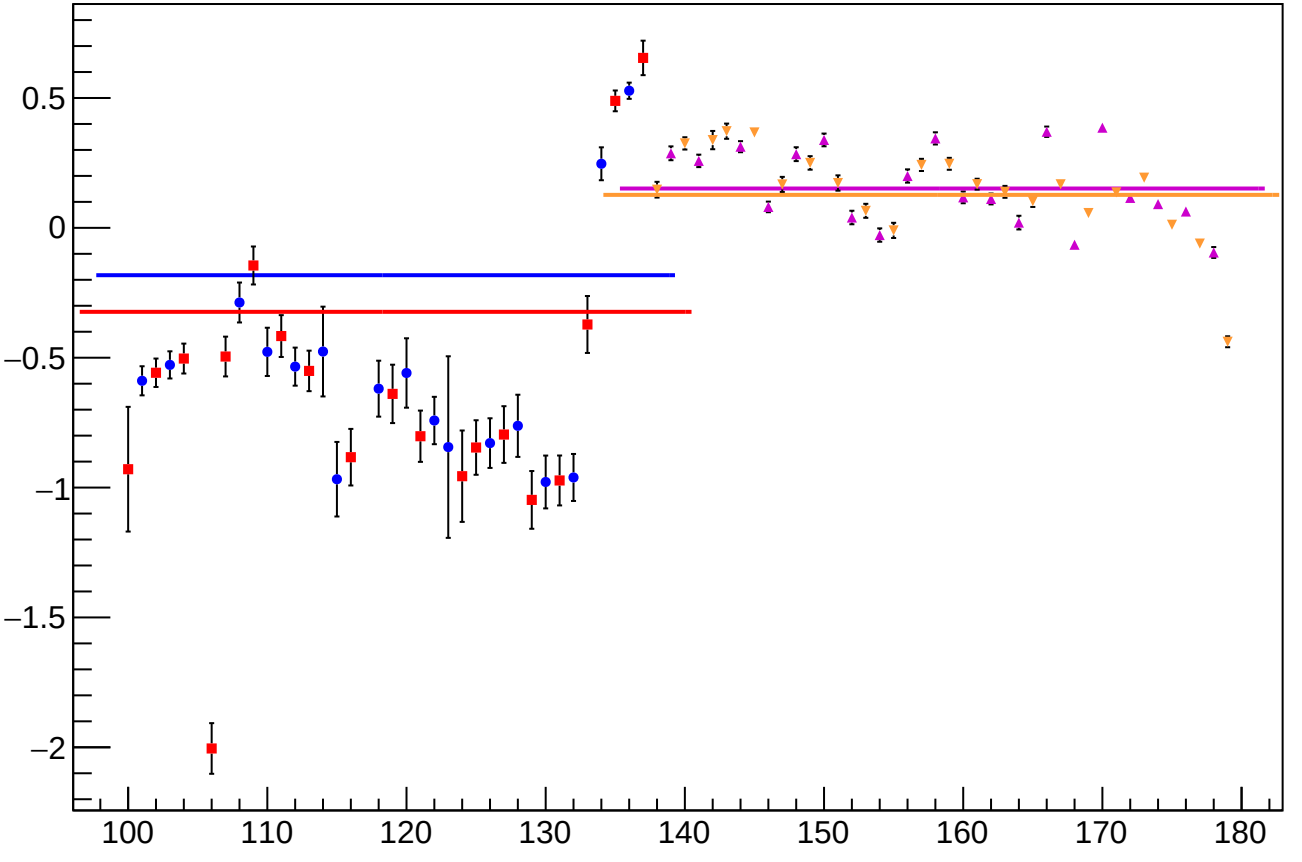
Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 31.328+/-0.096 χ^2/NDF:6497.2/36

Out: 31.456+/-0.095 χ^2/NDF:6680.1/40

All: 31.392+/-0.068 χ^2/NDF: 13178.1/77

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: 0.127+/-0.005 χ^2/NDF:1392.8/21

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.151+/-0.005 χ^2/NDF:1054.3/19

Left: 0.139+/-0.003 χ^2/NDF: 2461.3/41

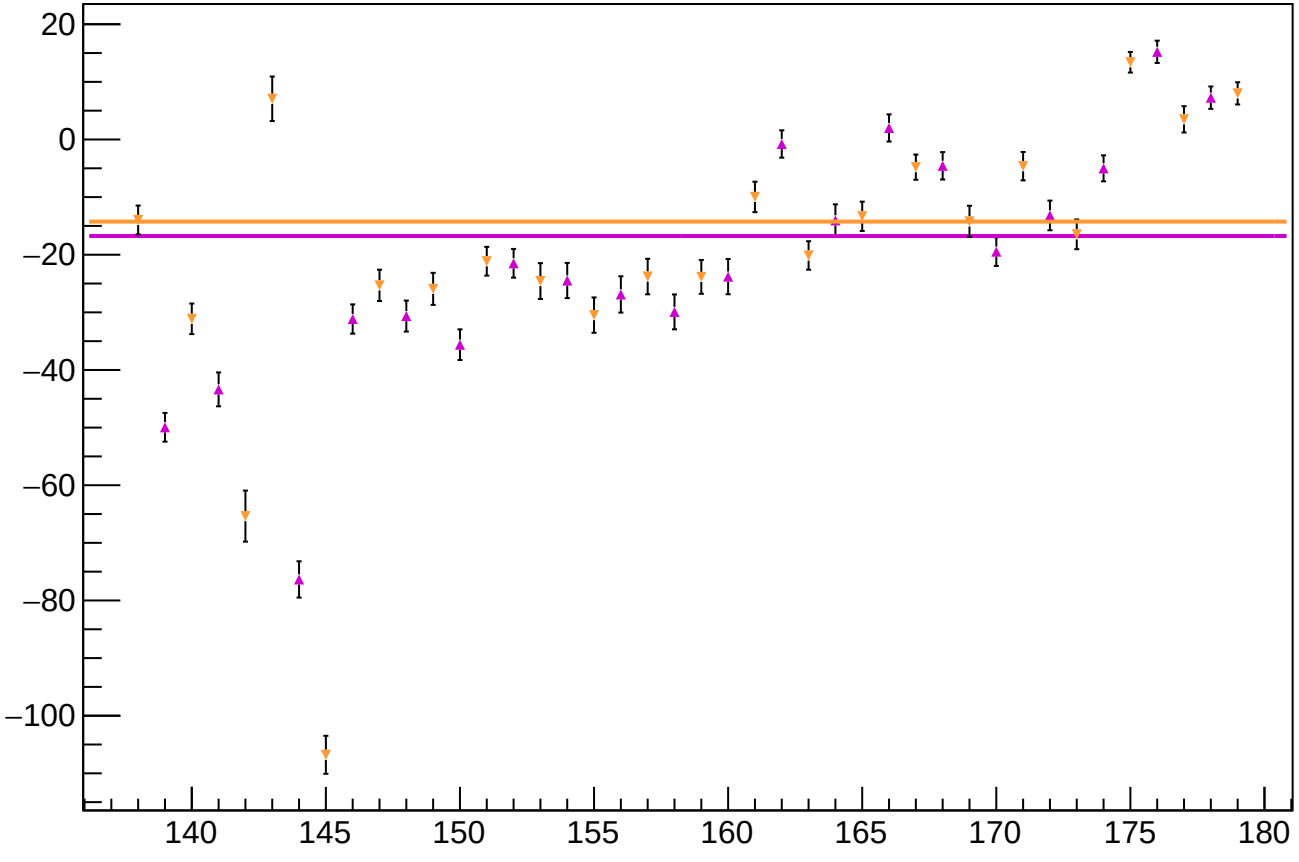
Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.130+/-0.004 χ^2/NDF:2384.4/36

Out: 0.100+/-0.004 χ^2/NDF:3155.6/40

All: 0.115+/-0.003 χ^2/NDF: 5563.0/77

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -14.252+/-0.554 χ^2/NDF:1569.1/21

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

Left In: -16.754+/-0.568 χ^2/NDF:1361.7/19

Left: -15.471+/-0.396 χ^2/NDF: 2940.8/41

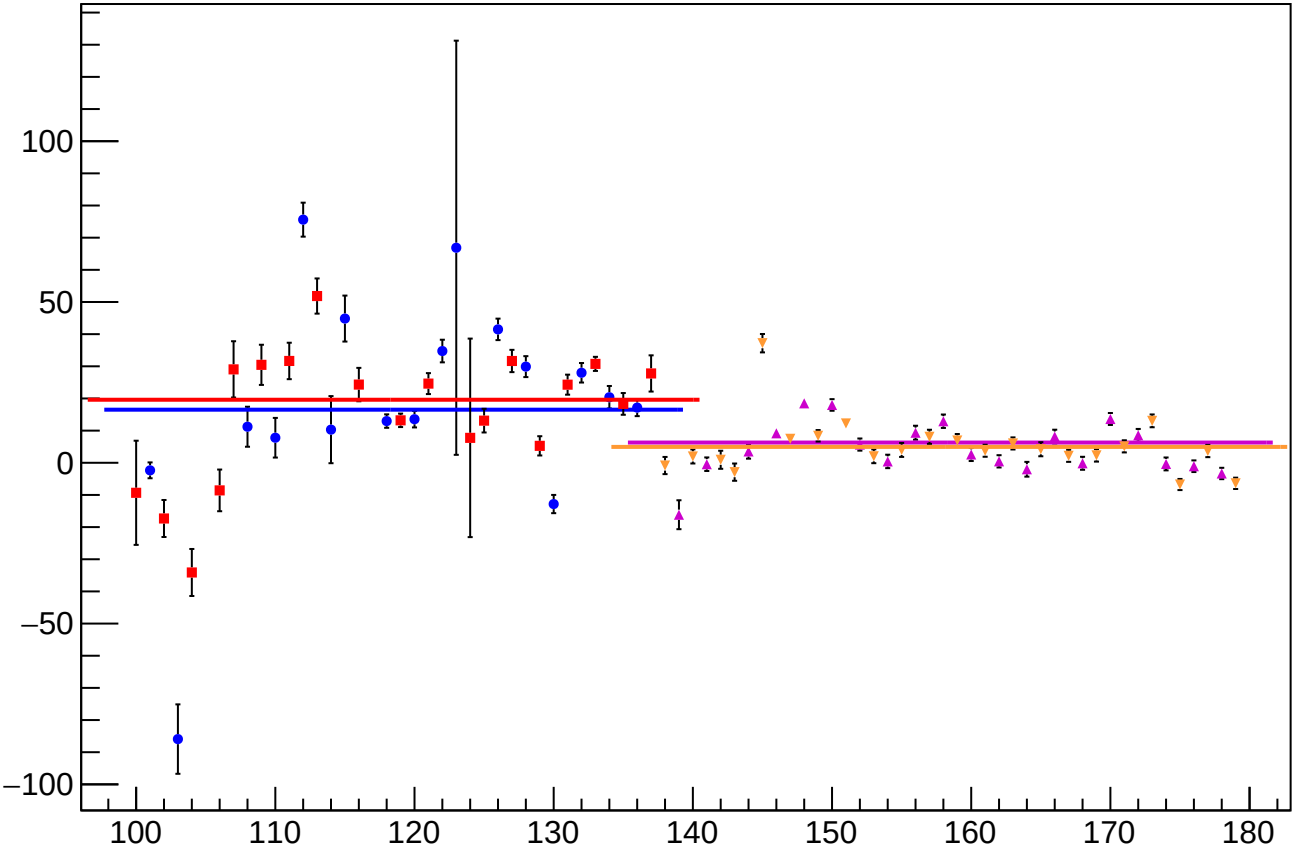
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -16.754+/-0.568 χ^2/NDF:1361.7/19

Out: -14.252+/-0.554 χ^2/NDF:1569.1/21

All: -15.471+/-0.396 χ^2/NDF: 2940.8/41

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 4.938+/-0.415 χ^2/NDF:292.3/21

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 6.292+/-0.432 χ^2/NDF:300.0/19

Left: 5.587+/-0.299 χ^2/NDF: 597.5/41

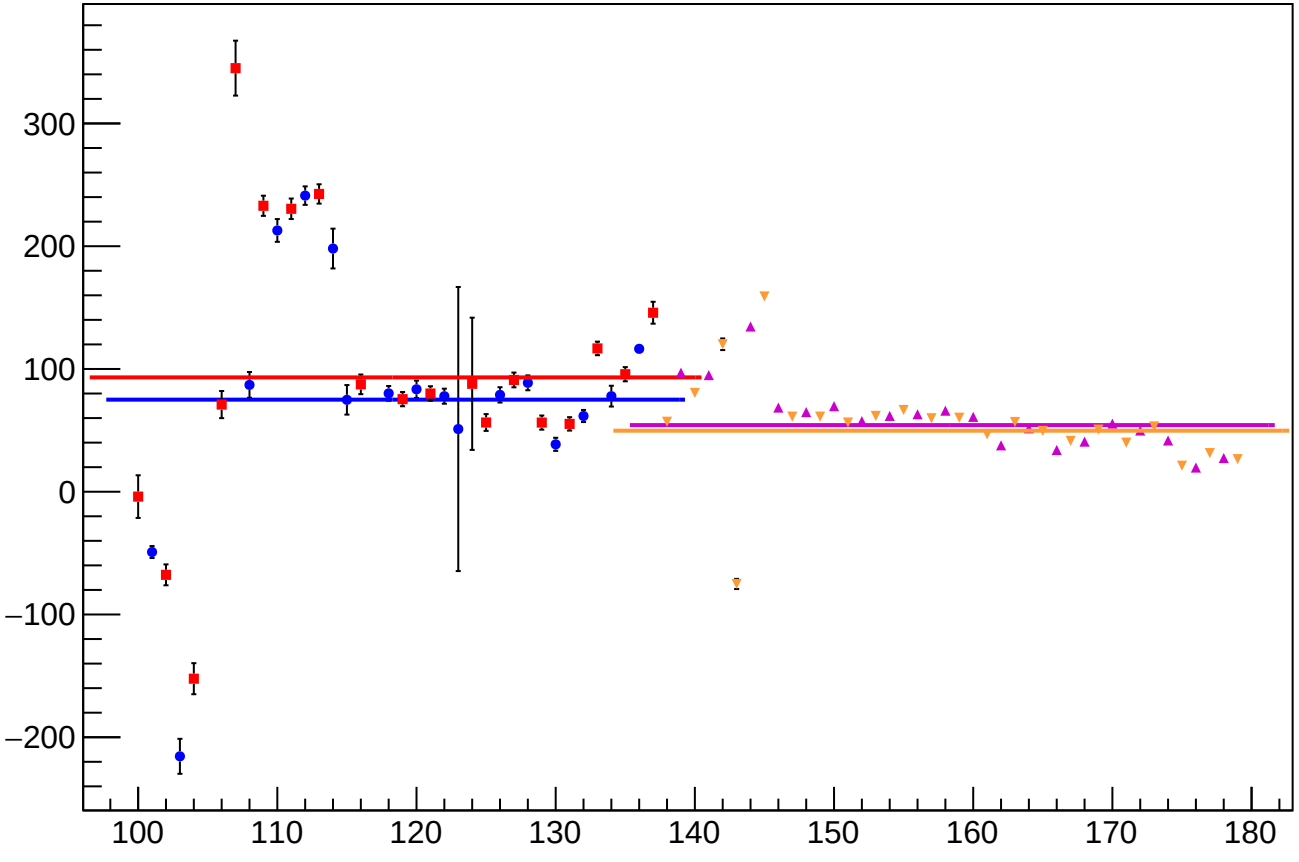
Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 8.402+/-0.385 χ^2/NDF:935.1/36

Out: 7.514+/-0.376 χ^2/NDF:754.0/40

All: 7.948+/-0.269 χ^2/NDF: 1691.8/77

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 49.726+/-0.547 χ^2/NDF:2920.4/21

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 54.282+/-0.561 χ^2/NDF:1824.1/19

Left: 51.946+/-0.392 χ^2/NDF: 4778.2/41

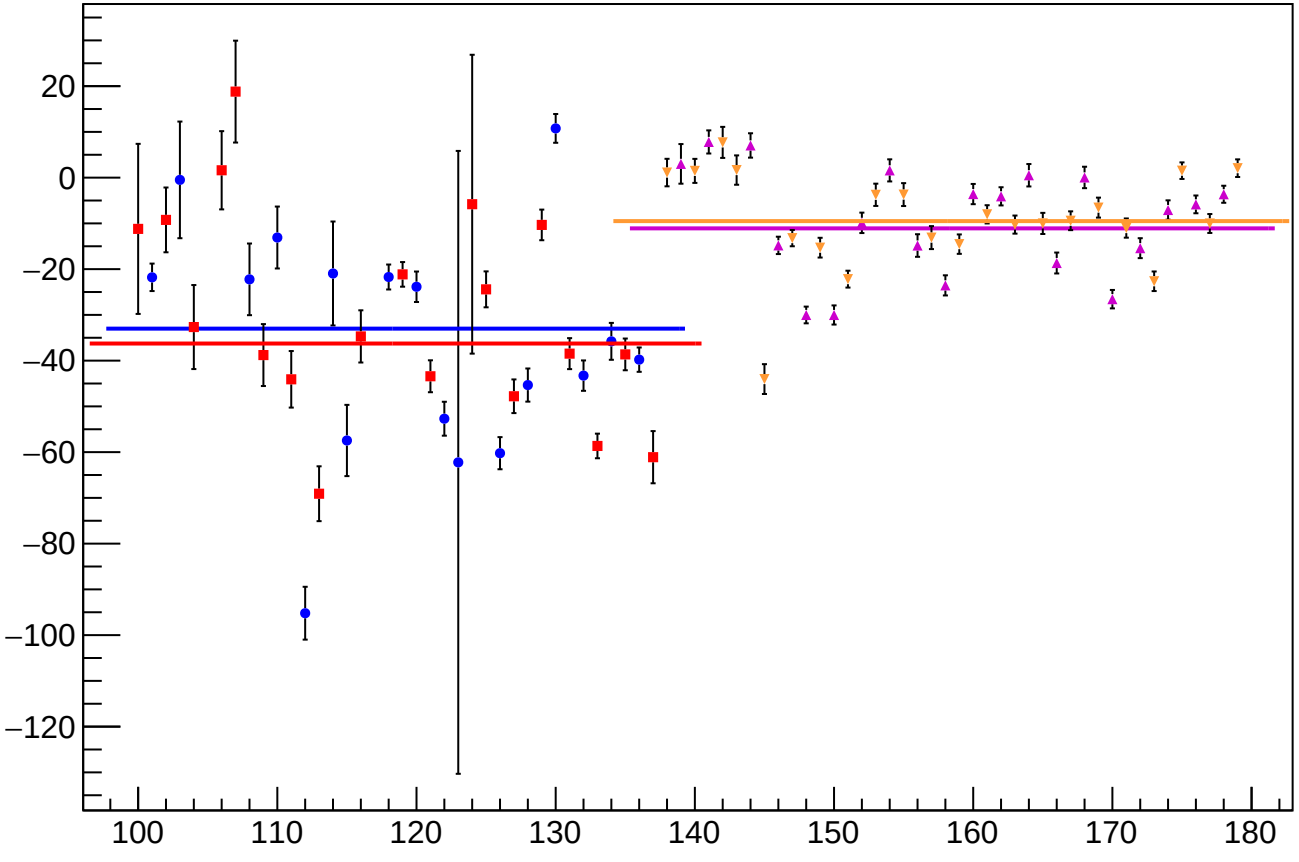
Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 56.465+/-0.531 χ^2/NDF:3967.1/36

Out: 53.754+/-0.521 χ^2/NDF:5506.6/40

All: 55.085+/-0.372 χ^2/NDF: 9487.0/77

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -9.501+/-0.473 χ^2/NDF:371.4/21

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -11.089+/-0.492 χ^2/NDF:537.7/19

Left: -10.265+/-0.341 χ^2/NDF: 914.5/41

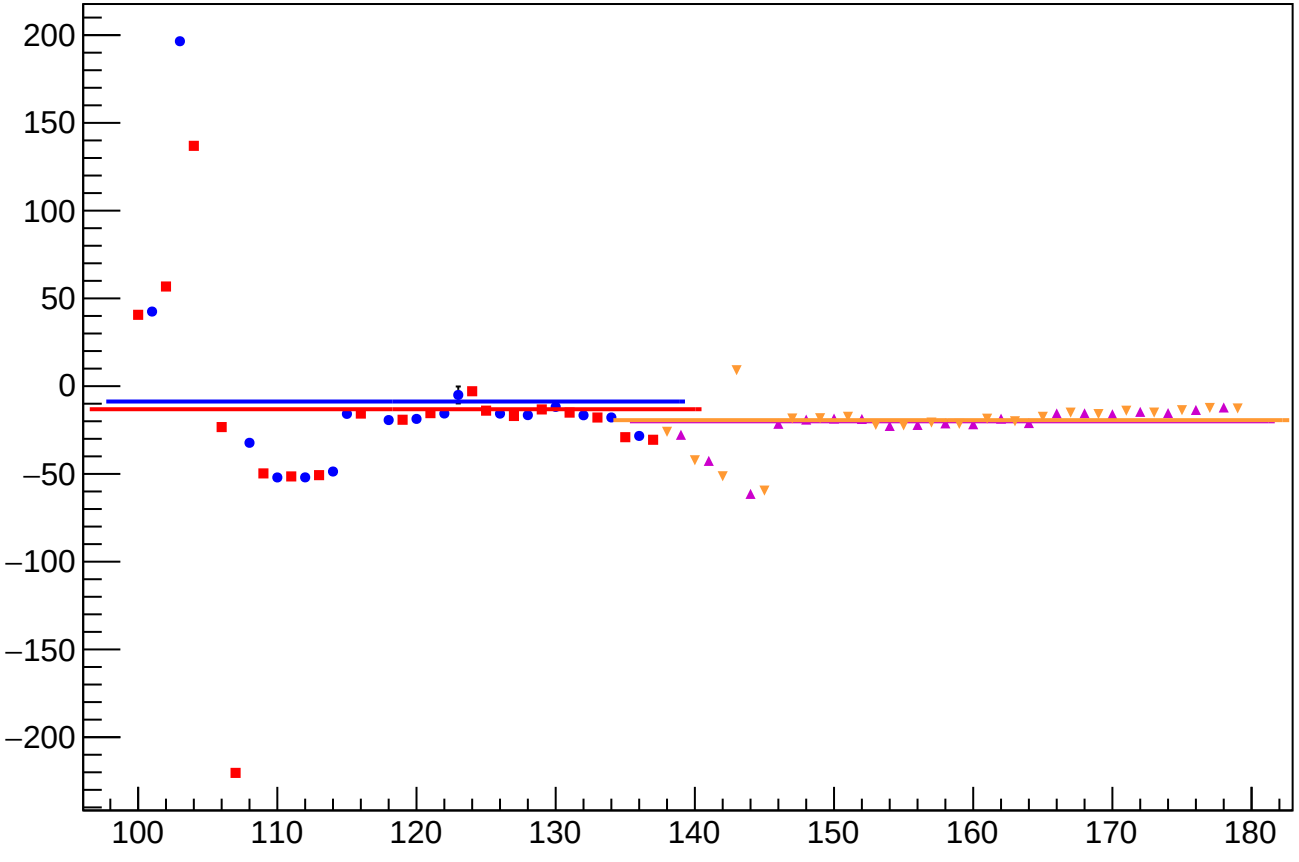
Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -15.561+/-0.439 χ^2/NDF:1435.6/36

Out: -14.203+/-0.430 χ^2/NDF:1229.9/40

All: -14.867+/-0.307 χ^2/NDF: 2670.4/77

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -19.371+/-0.022 χ^2/NDF:213497.4/21

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -20.030+/-0.022 χ^2/NDF:145467.2/19

Left: -19.695+/-0.016 χ^2/NDF: 359411.2/41

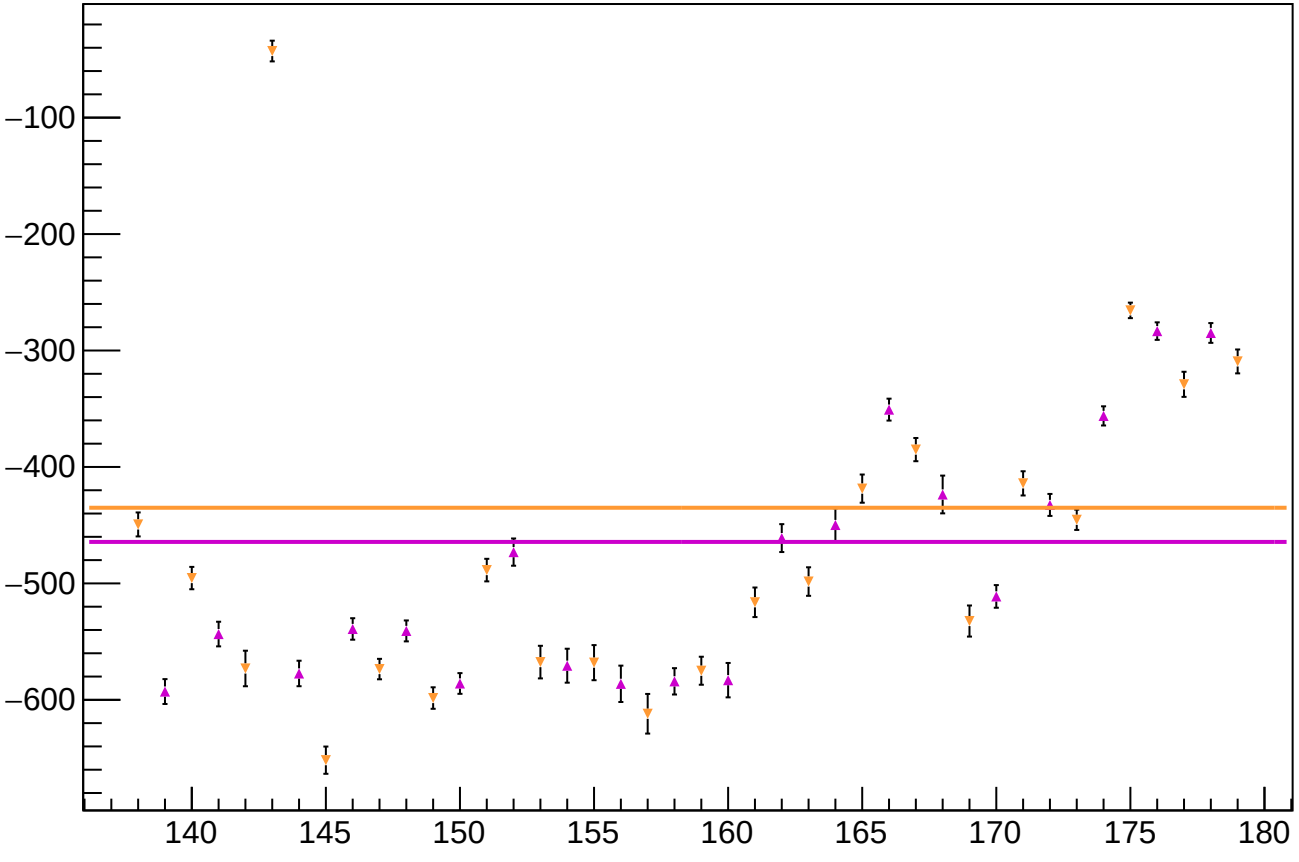
Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -18.619+/-0.021 χ^2/NDF:753667.6/36

Out: -18.678+/-0.021 χ^2/NDF:781172.4/40

All: -18.649+/-0.015 χ^2/NDF: 1534844.0/77

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -435.027+/-2.246 χ^2/NDF:4461.8/21

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

Left In: -464.374+/-2.316 χ^2/NDF:2309.8/19

Left: -449.248+/-1.612 χ^2/NDF: 6854.3/41

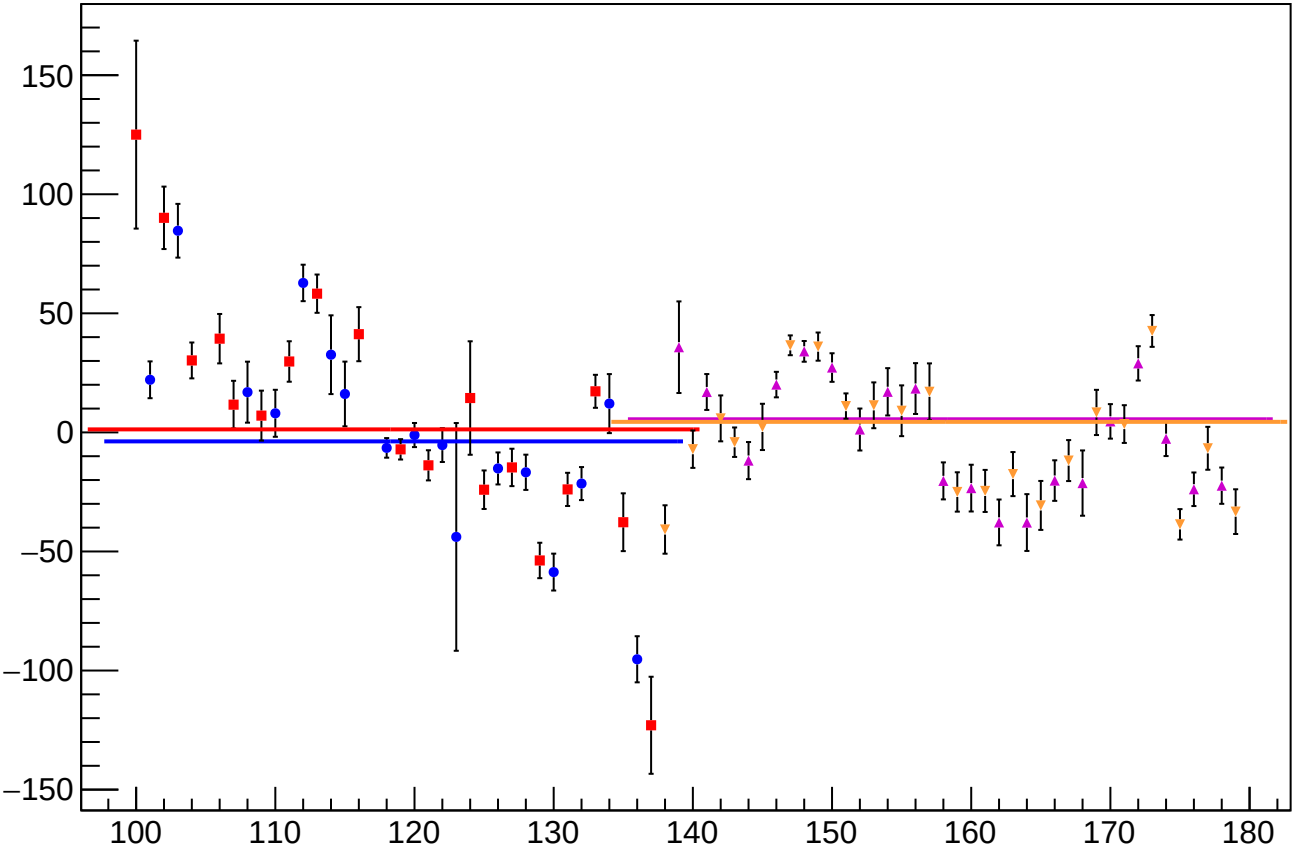
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -464.374+/-2.316 χ^2/NDF:2309.8/19

Out: -435.027+/-2.246 χ^2/NDF:4461.8/21

All: -449.248+/-1.612 χ^2/NDF: 6854.3/41

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 4.431+/-1.620 χ^2/NDF:255.6/21

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 5.502+/-1.709 χ^2/NDF:185.1/19

Left: 4.937+/-1.176 χ^2/NDF: 440.8/41

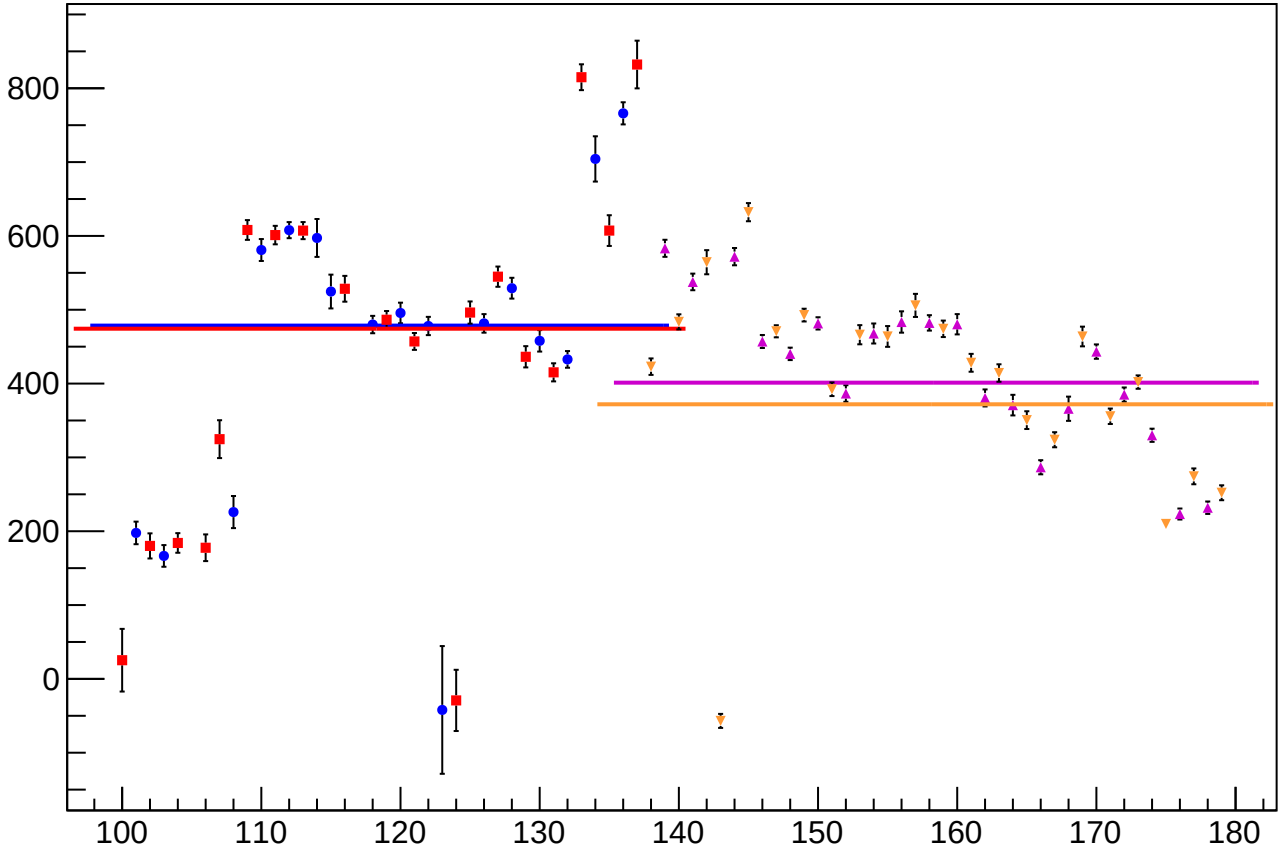
Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: 1.326+/-1.267 χ^2/NDF:512.7/36

Out: 3.115+/-1.238 χ^2/NDF:560.9/40

All: 2.241+/-0.886 χ^2/NDF: 1074.6/77

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 371.950+/-2.232 χ^2/NDF:4302.3/21

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 401.237+/-2.294 χ^2/NDF:2129.2/19

Left: 386.190+/-1.600 χ^2/NDF: 6515.3/41

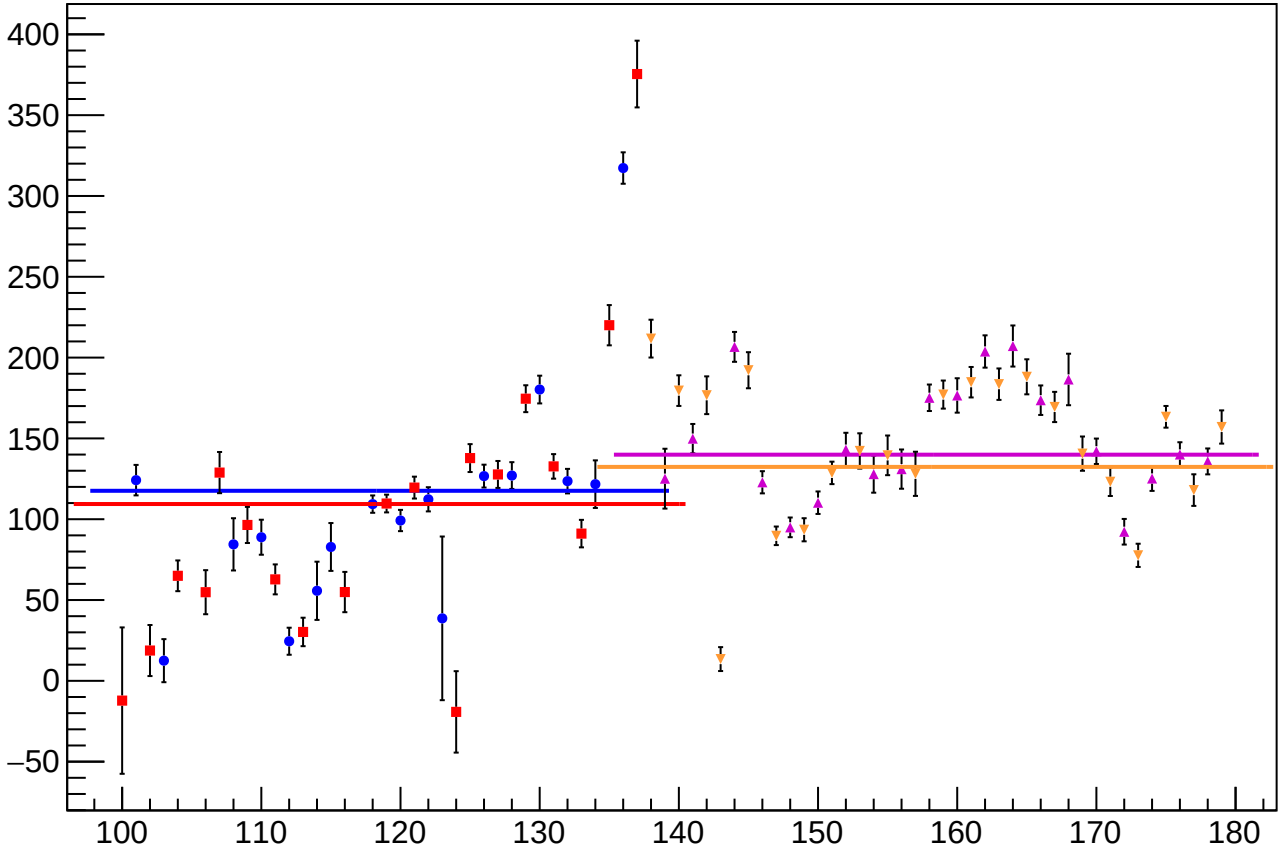
Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 423.300+/-1.939 χ^2/NDF:4082.2/36

Out: 401.160+/-1.887 χ^2/NDF:7189.7/40

All: 411.926+/-1.352 χ^2/NDF: 11338.8/77

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 132.370+/-1.885 χ^2/NDF:675.0/21

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 139.930+/-1.972 χ^2/NDF:296.0/19

Left: 135.979+/-1.363 χ^2/NDF: 978.6/41

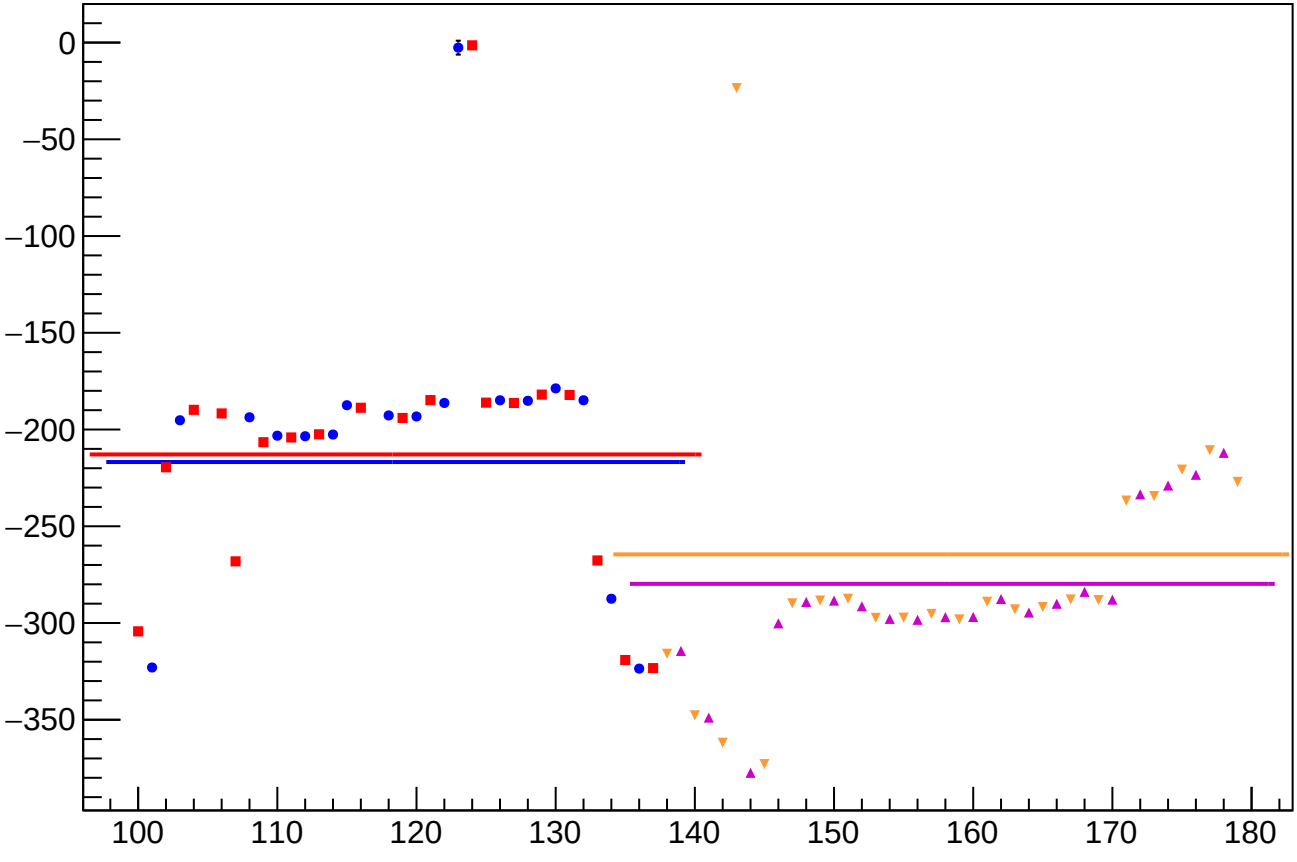
Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 129.937+/-1.466 χ^2/NDF:1060.3/36

Out: 122.695+/-1.434 χ^2/NDF:1308.7/40

All: 126.235+/-1.025 χ^2/NDF: 2381.4/77

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -264.529+/-0.091 χ^2/NDF:623643.0/21

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -279.766+/-0.092 χ^2/NDF:178873.3/19

Left: -272.015+/-0.065 χ^2/NDF: 816431.3/41

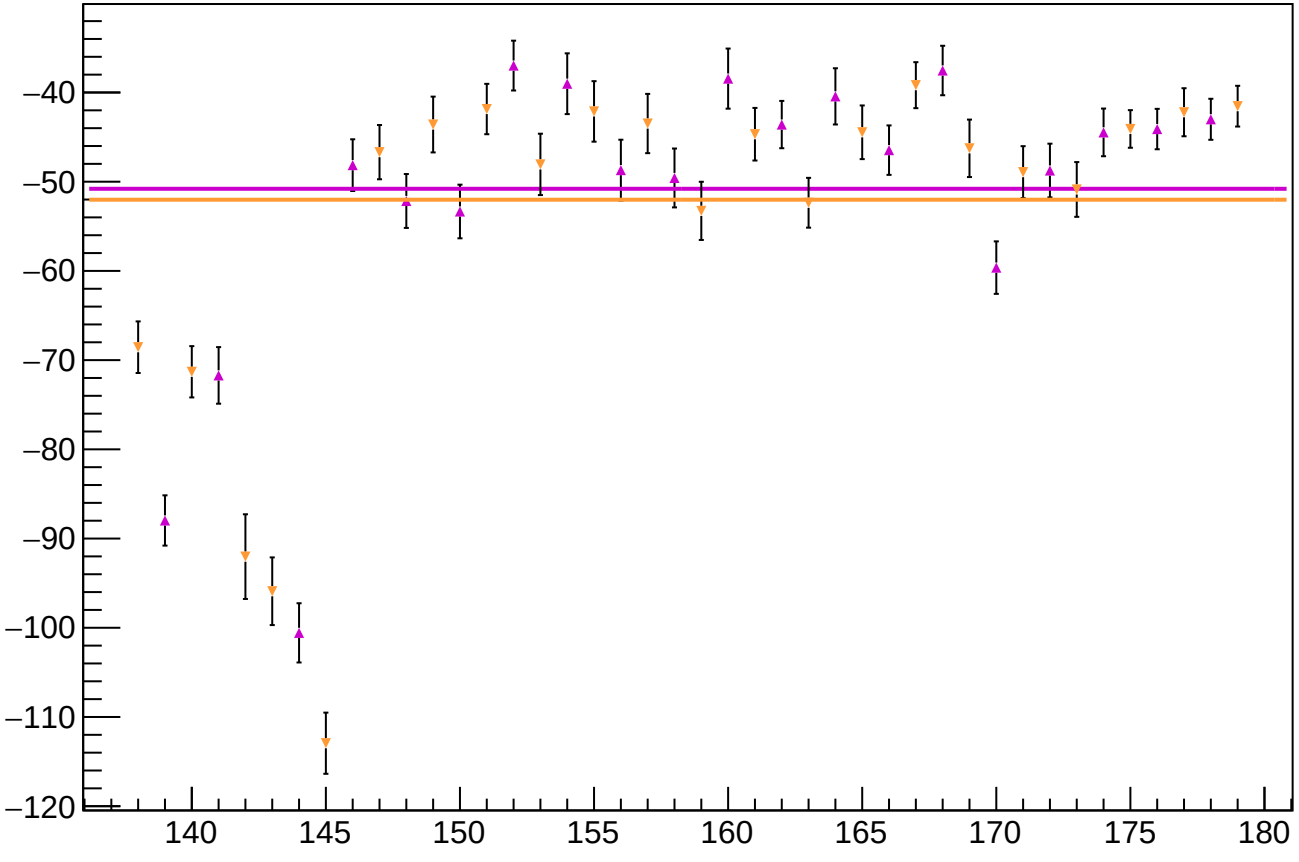
Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -259.889+/-0.076 χ^2/NDF:473316.1/36

Out: -247.682+/-0.074 χ^2/NDF:846204.3/40

All: -253.632+/-0.053 χ^2/NDF: 1332669.2/77

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -52.018+/-0.631 χ^2/NDF:728.6/21

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

Left In: -50.795+/-0.647 χ^2/NDF:573.3/19

Left: -51.422+/-0.452 χ^2/NDF: 1303.8/41

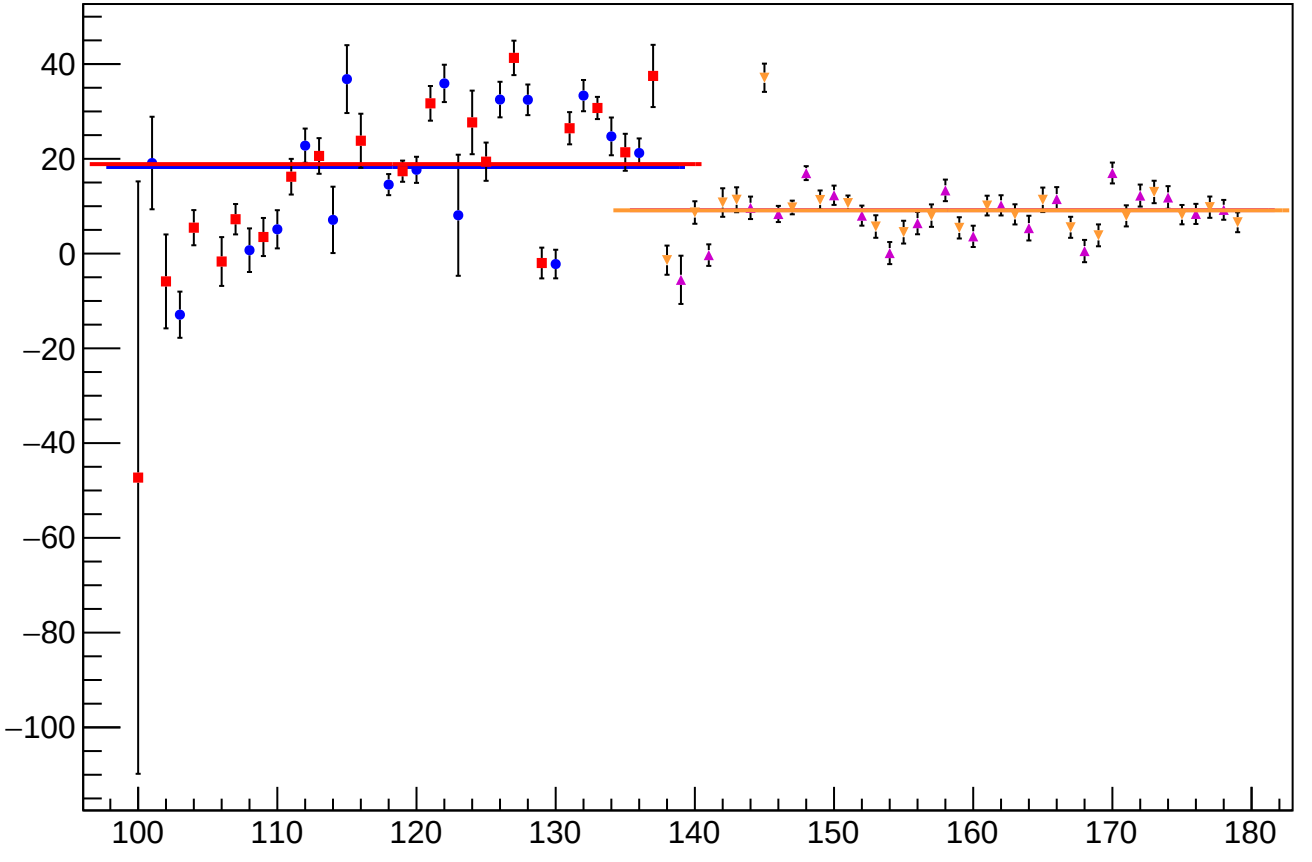
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -50.795+/-0.647 χ^2/NDF:573.3/19

Out: -52.018+/-0.631 χ^2/NDF:728.6/21

All: -51.422+/-0.452 χ^2/NDF: 1303.8/41

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 9.128+/-0.470 χ^2/NDF:125.4/21

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 9.178+/-0.490 χ^2/NDF:115.4/19

Left: 9.152+/-0.339 χ^2/NDF: 240.8/41

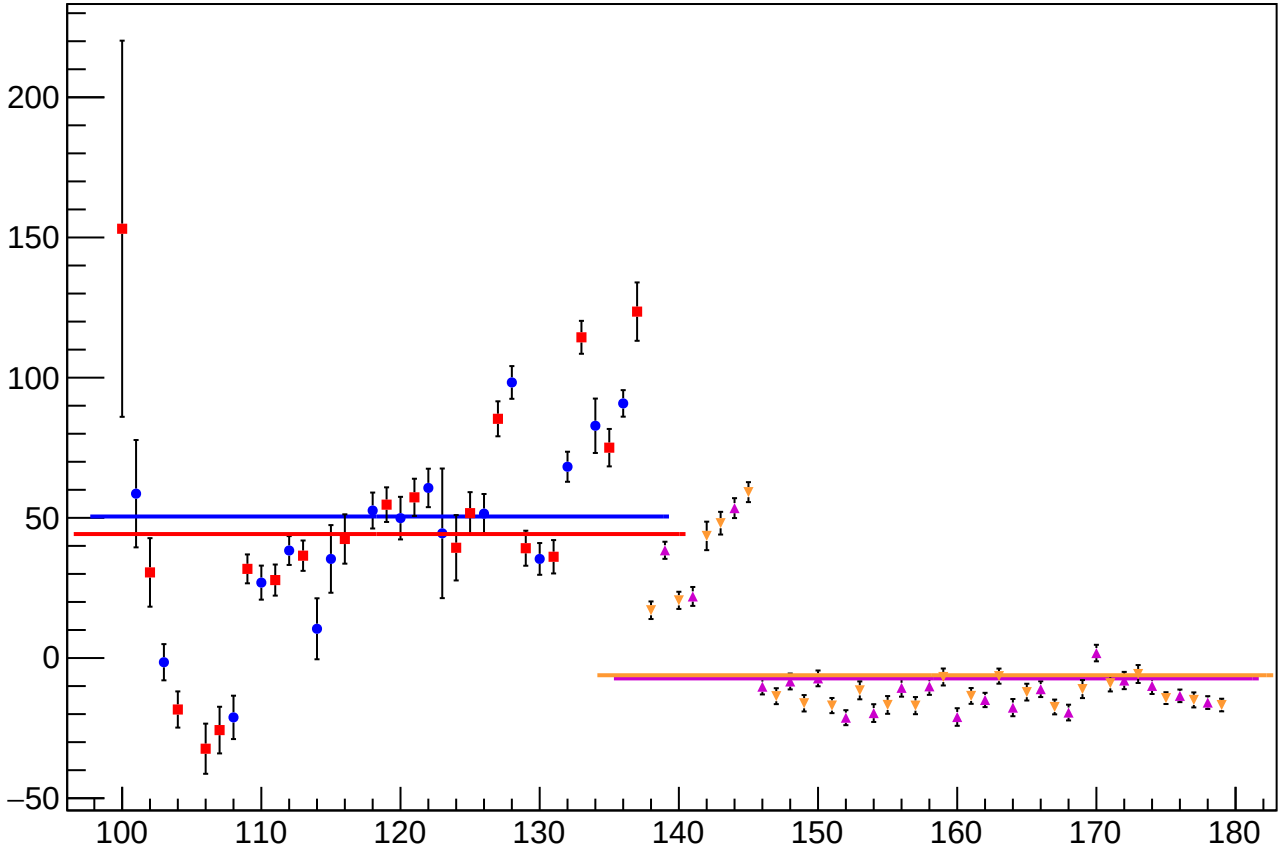
Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 11.242+/-0.431 χ^2/NDF:398.1/36

Out: 11.353+/-0.413 χ^2/NDF:422.1/40

All: 11.300+/-0.298 χ^2/NDF: 820.2/77

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -6.136+/-0.624 χ^2/NDF:884.4/21

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: -7.271+/-0.639 χ^2/NDF:731.0/19

Left: -6.689+/-0.446 χ^2/NDF: 1617.1/41

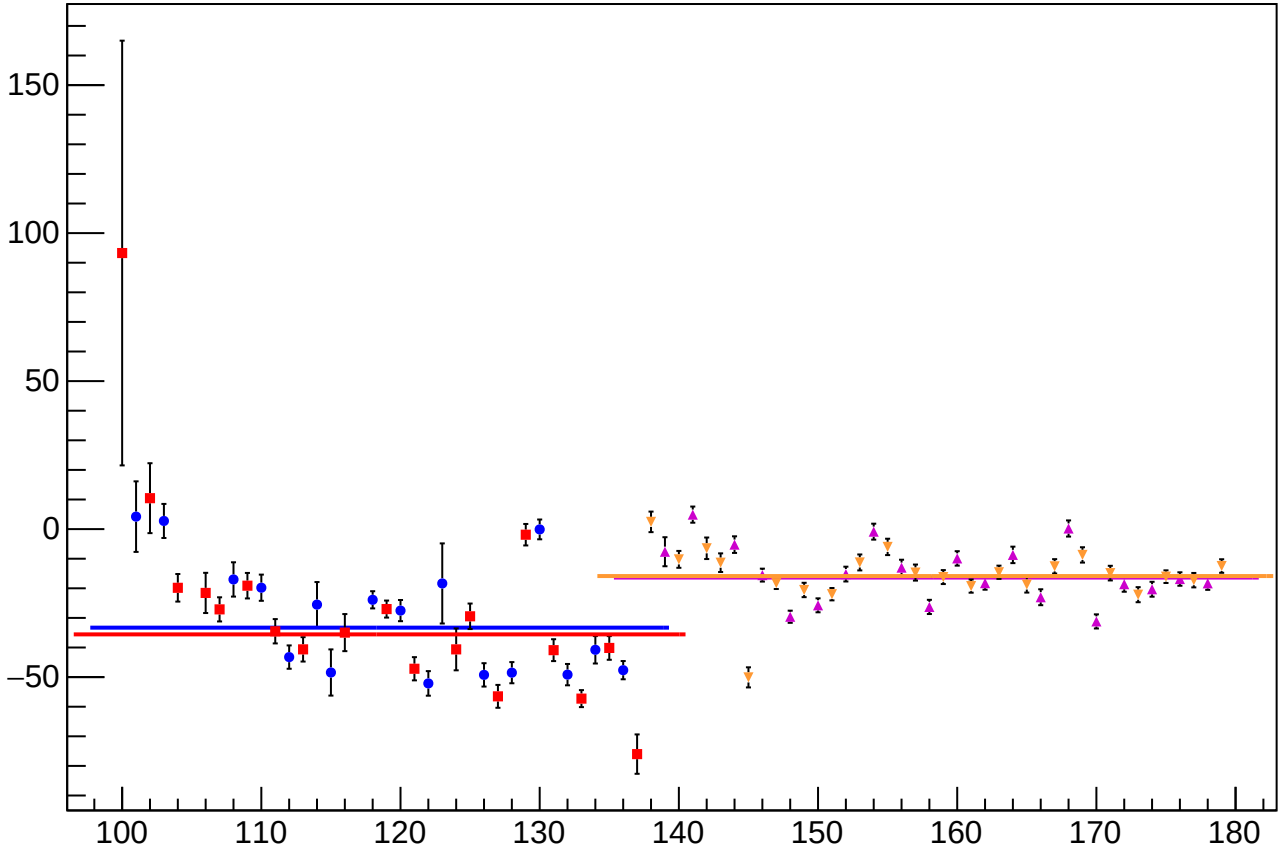
Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: 0.122+/-0.597 χ^2/NDF:2134.3/36

Out: 0.486+/-0.581 χ^2/NDF:2276.5/40

All: 0.309+/-0.416 χ^2/NDF: 4411.0/77

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -15.862+/-0.538 χ^2/NDF:193.6/21

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -16.371+/-0.559 χ^2/NDF:290.1/19

Left: -16.107+/-0.388 χ^2/NDF: 484.1/41

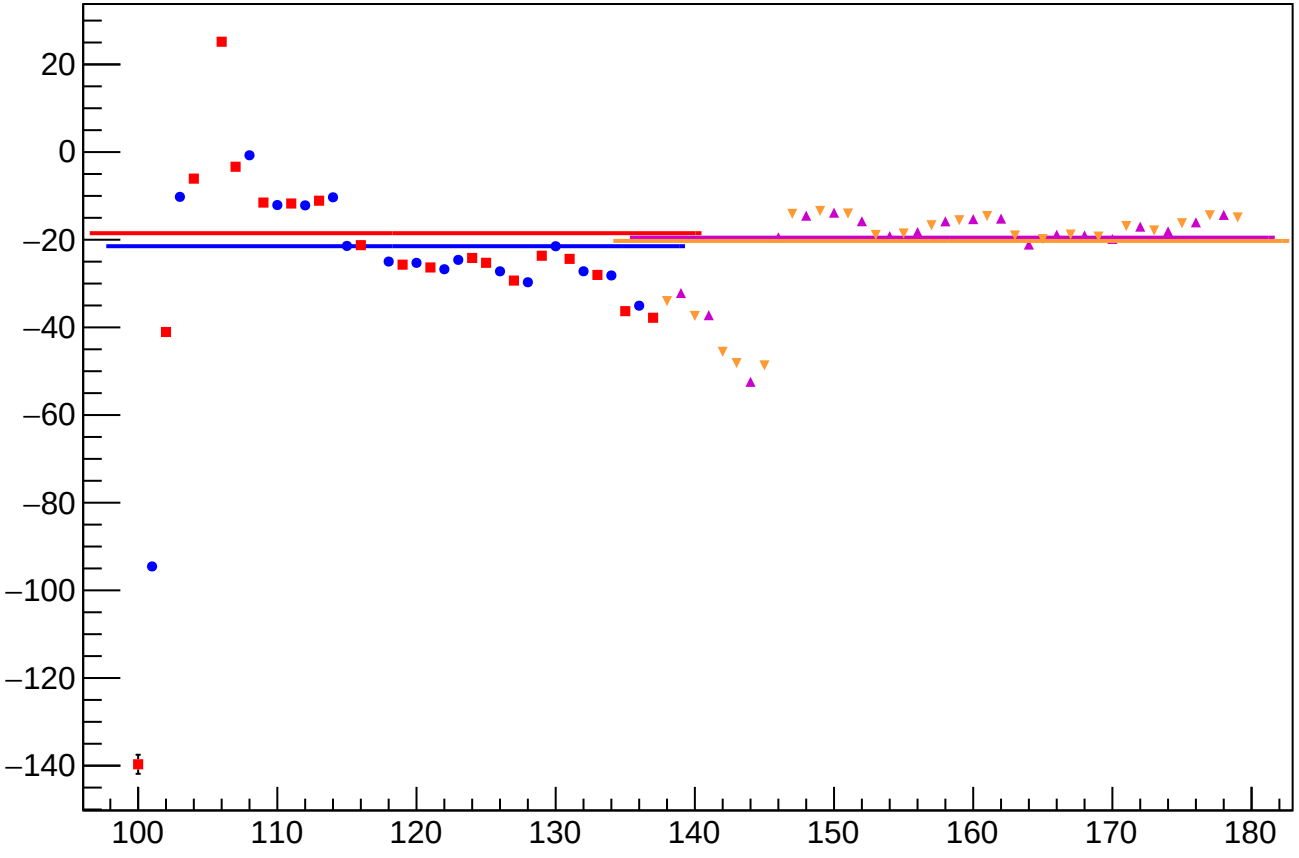
Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -20.202+/-0.492 χ^2/NDF:786.7/36

Out: -20.334+/-0.473 χ^2/NDF:785.9/40

All: -20.271+/-0.341 χ^2/NDF: 1572.7/77

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -20.268+/-0.025 χ^2/NDF:138649.4/21

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -19.526+/-0.025 χ^2/NDF:89942.5/19

Left: -19.903+/-0.018 χ^2/NDF: 229029.5/41

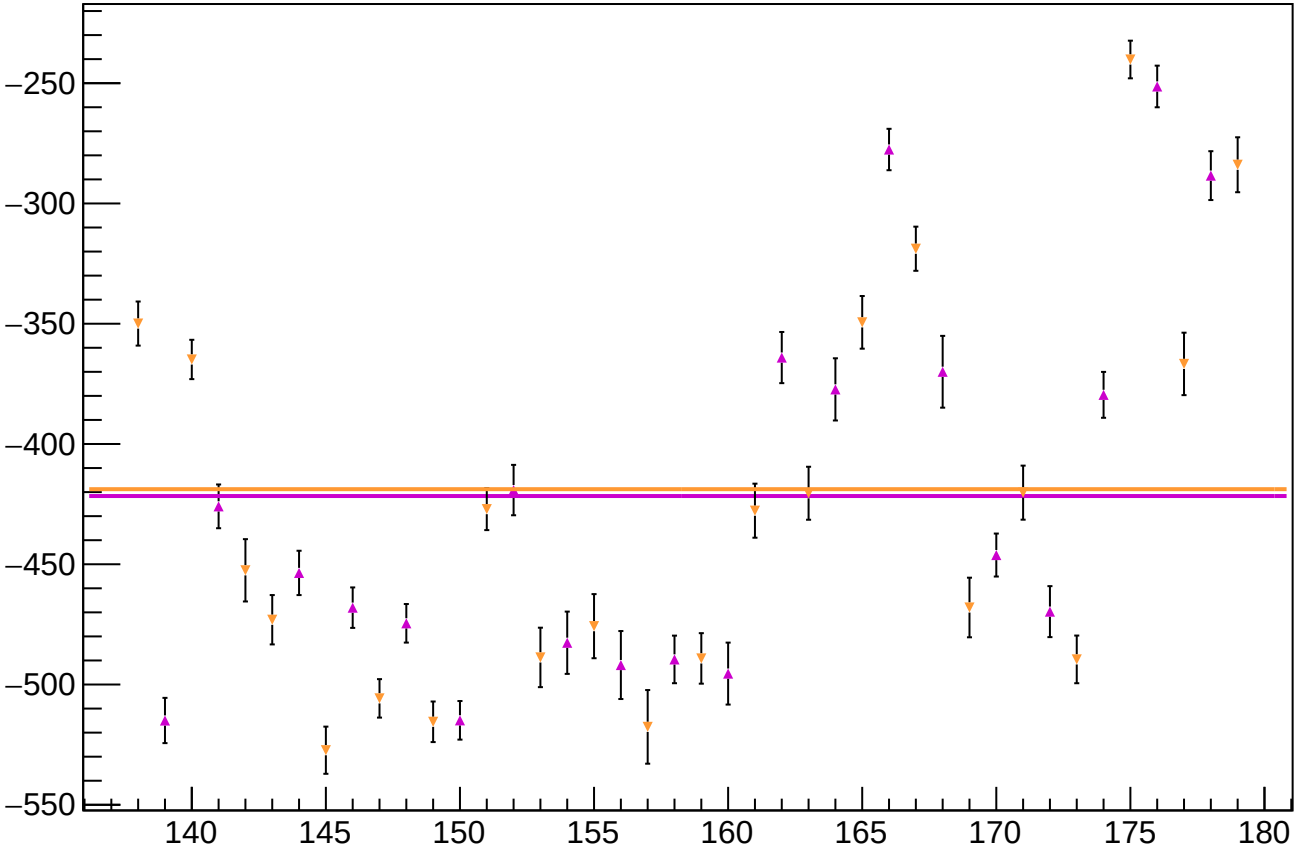
Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -19.831+/-0.023 χ^2/NDF:139883.5/36

Out: -19.989+/-0.023 χ^2/NDF:220178.1/40

All: -19.912+/-0.016 χ^2/NDF: 360085.3/77

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -418.786+/-2.172 χ^2/NDF:1547.2/21

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

Left In: -421.635+/-2.209 χ^2/NDF:1386.7/19

Left: -420.187+/-1.549 χ^2/NDF: 2934.7/41

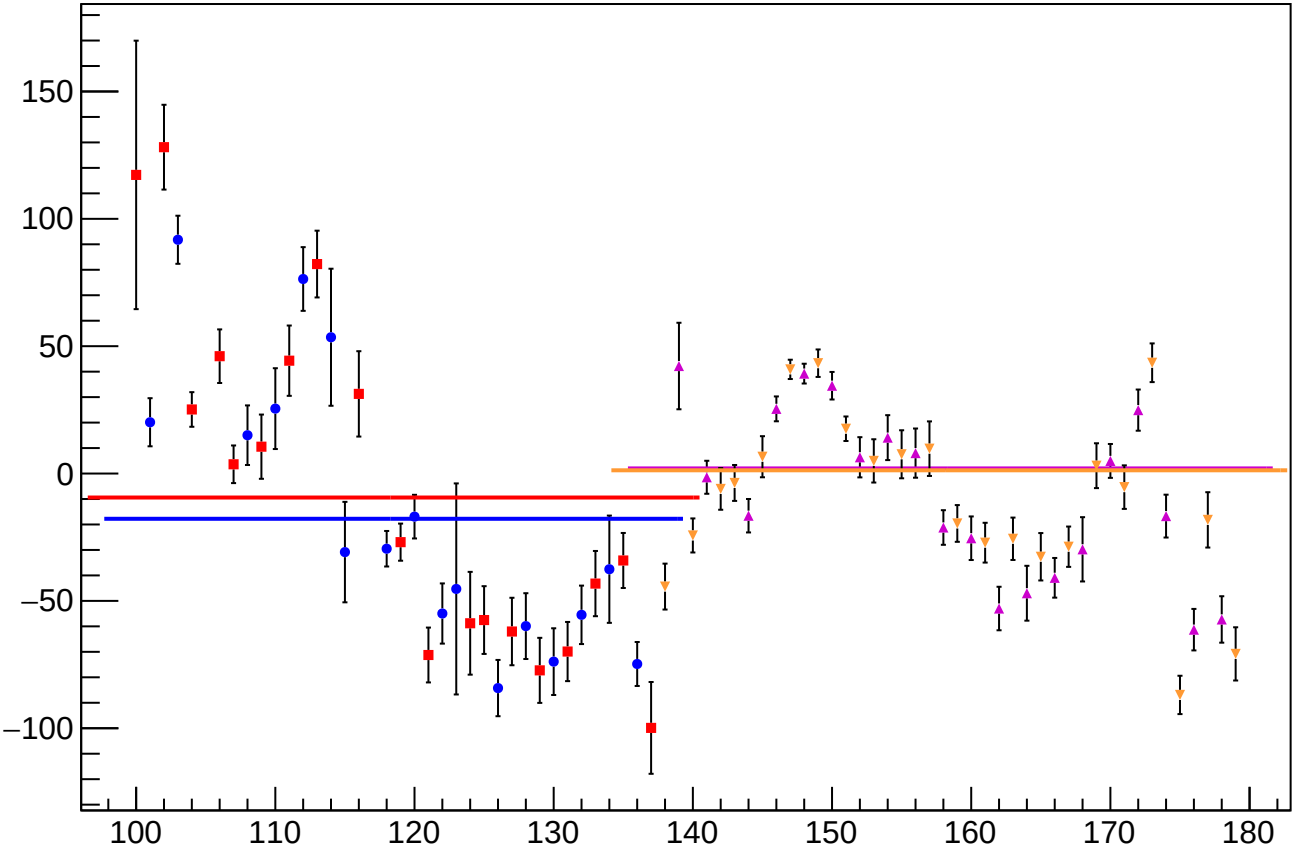
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -421.635+/-2.209 χ^2/NDF:1386.7/19

Out: -418.786+/-2.172 χ^2/NDF:1547.2/21

All: -420.187+/-1.549 χ^2/NDF: 2934.7/41

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 1.272+/-1.538 χ^2/NDF:504.3/21

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: 2.011+/-1.597 χ^2/NDF:404.0/19

Left: 1.628+/-1.108 χ^2/NDF: 908.5/41

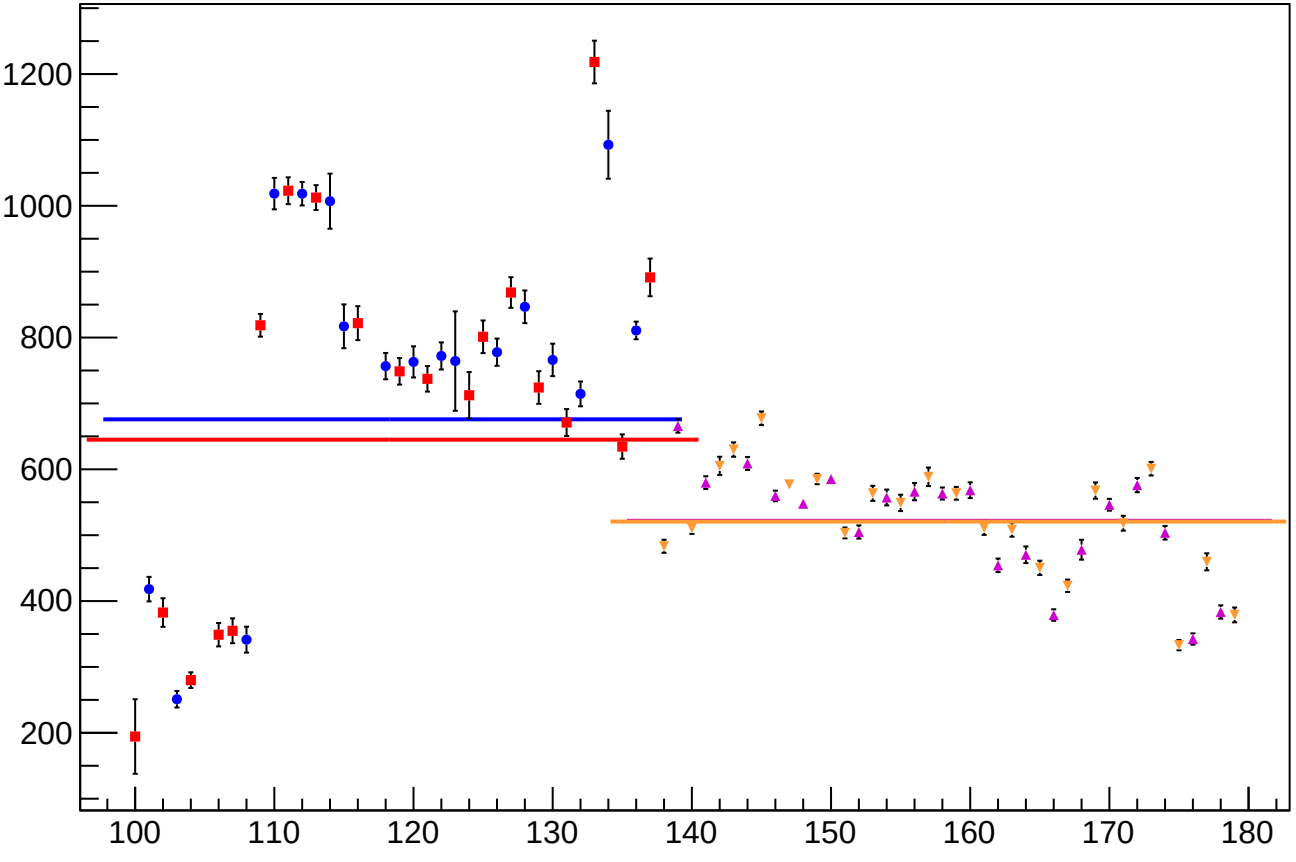
Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: -2.891+/-1.385 χ^2/NDF:805.9/36

Out: -1.477+/-1.325 χ^2/NDF:886.4/40

All: -2.153+/-0.957 χ^2/NDF: 1692.8/77

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 520.681+/-2.153 χ^2/NDF:1556.2/21

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 521.794+/-2.181 χ^2/NDF:1476.0/19

Left: 521.231+/-1.532 χ^2/NDF: 3032.3/41

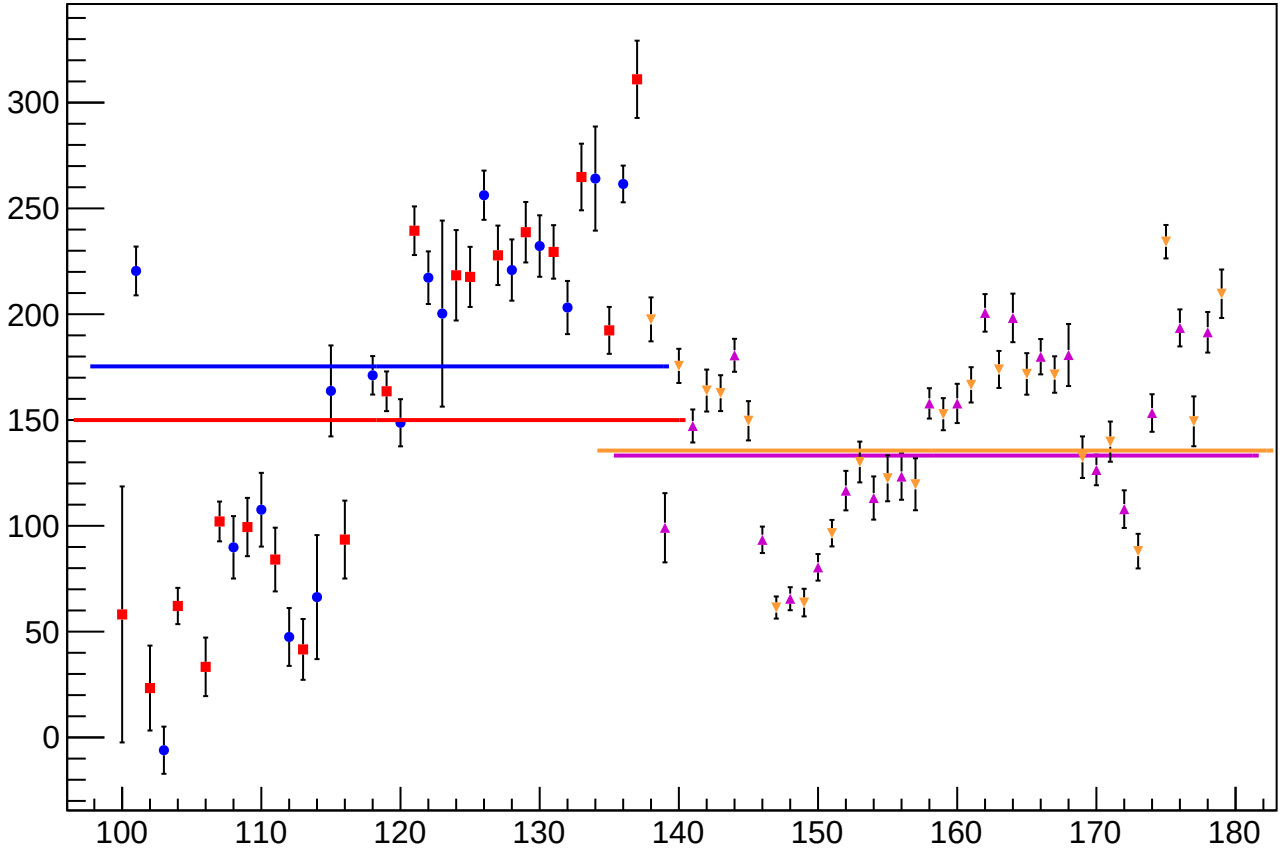
Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 546.114+/-2.001 χ^2/NDF:4850.3/36

Out: 541.789+/-1.962 χ^2/NDF:5245.7/40

All: 543.908+/-1.401 χ^2/NDF: 10098.4/77

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 135.571+/-1.803 χ^2/NDF:748.6/21

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 133.202+/-1.858 χ^2/NDF:567.9/19

Left: 134.422+/-1.294 χ^2/NDF: 1317.4/41

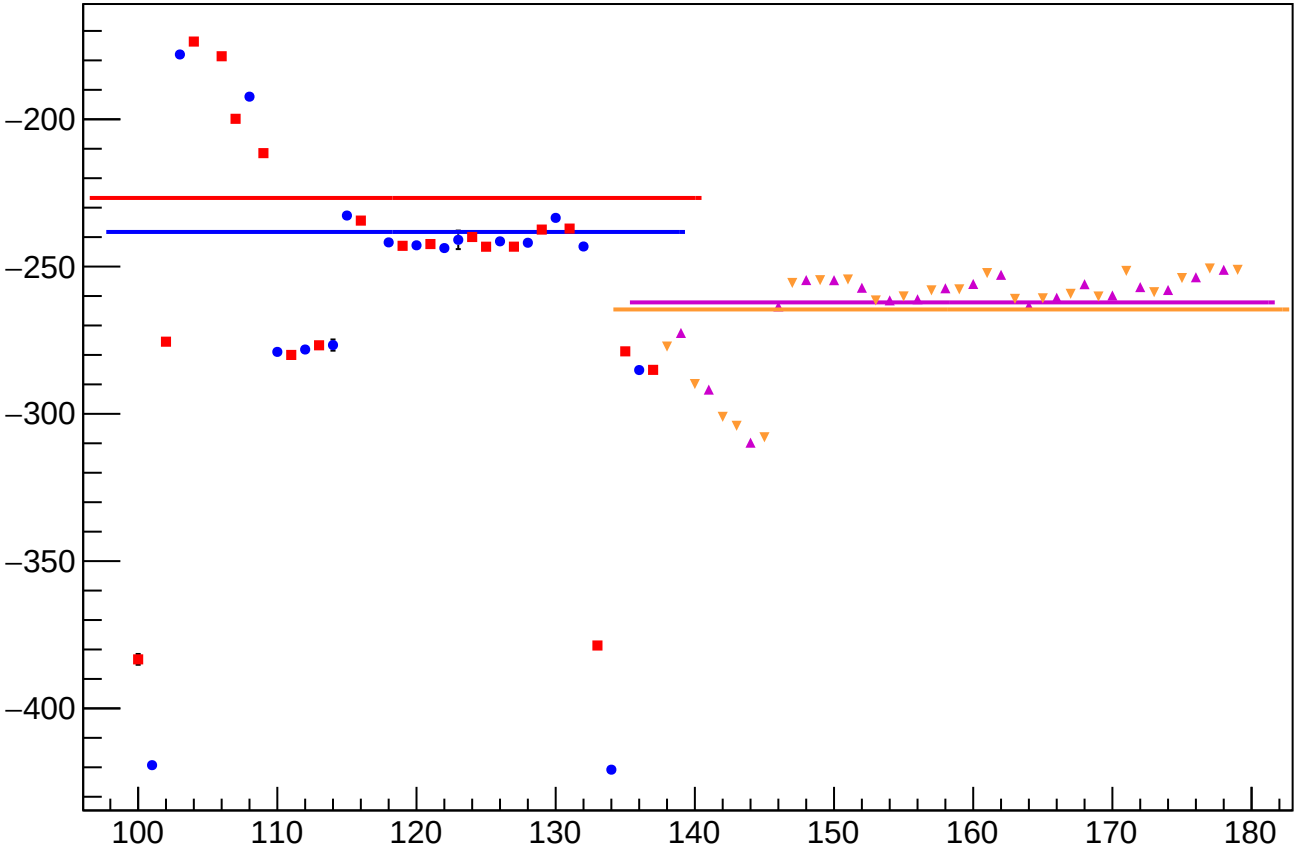
Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 143.812+/-1.607 χ^2/NDF:1335.9/36

Out: 139.306+/-1.551 χ^2/NDF:1458.3/40

All: 141.479+/-1.116 χ^2/NDF: 2798.3/77

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -264.562+/-0.087 χ^2/NDF:37011.9/21

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -262.163+/-0.087 χ^2/NDF:22531.3/19

Left: -263.366+/-0.062 χ^2/NDF: 59922.1/41

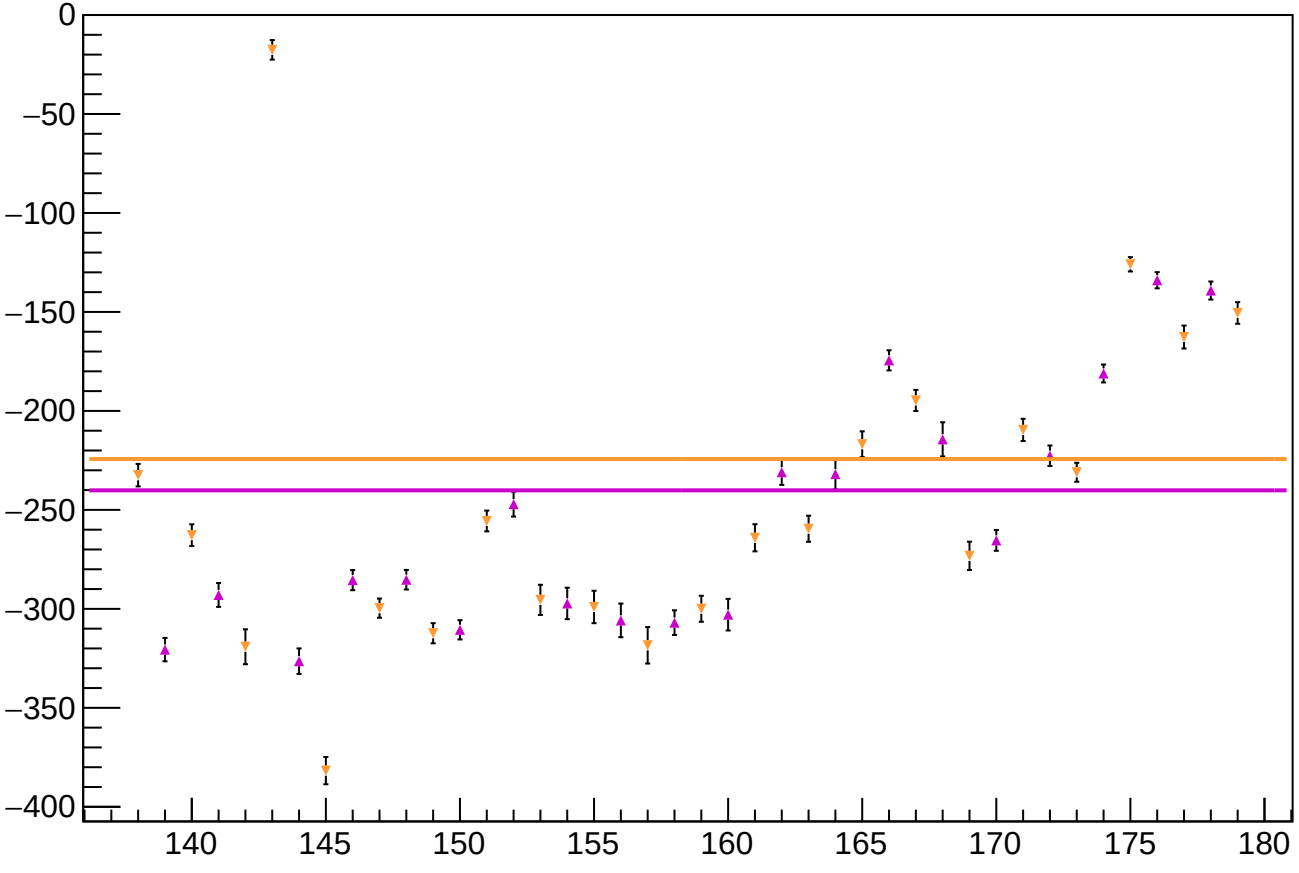
Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -256.676+/-0.077 χ^2/NDF:206889.3/36

Out: -255.139+/-0.075 χ^2/NDF:186987.1/40

All: -255.895+/-0.054 χ^2/NDF: 394081.0/77

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -224.301+/-1.230 χ^2/NDF:4602.8/21

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

Left In: -240.131+/-1.269 χ^2/NDF:2649.2/19

Left: -231.971+/-0.883 χ^2/NDF: 7332.2/41

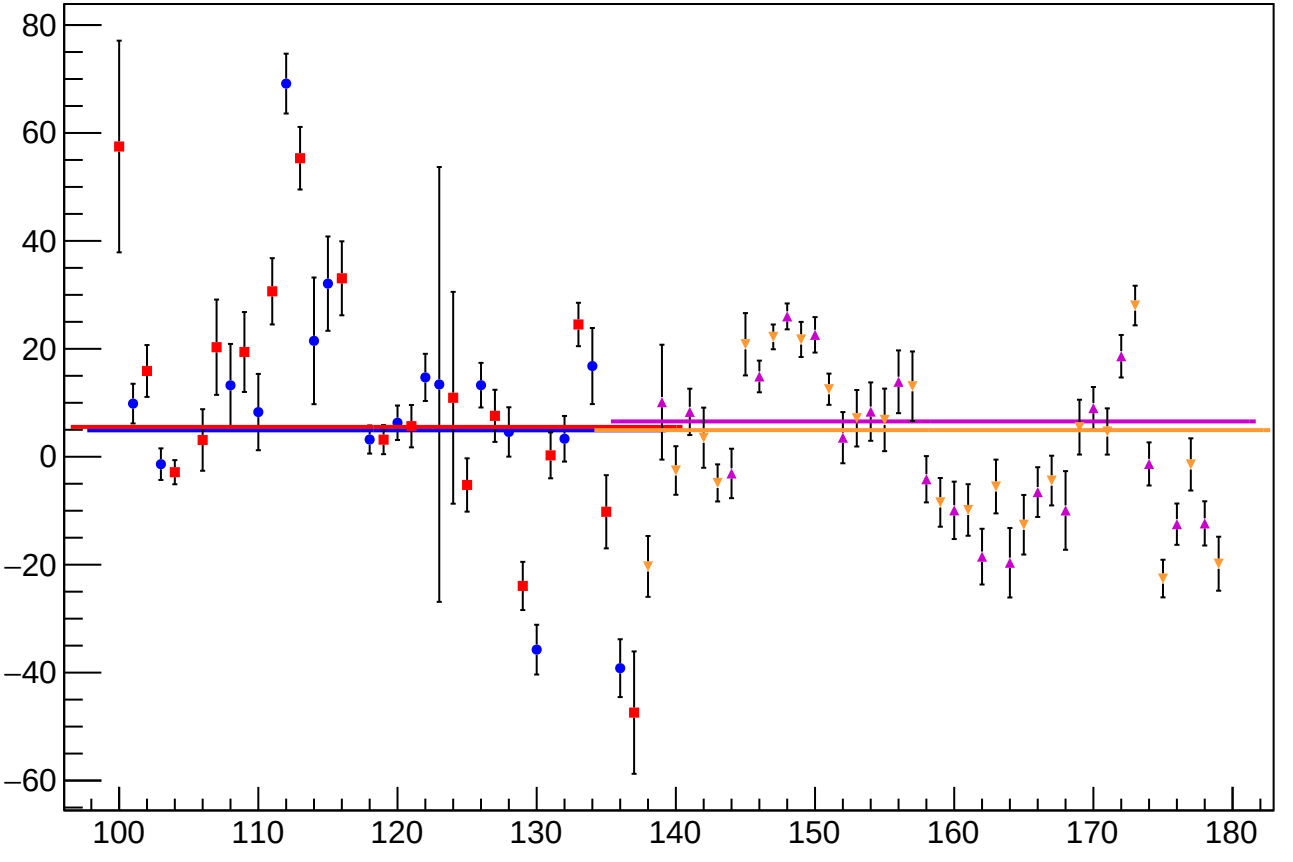
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -240.131+/-1.269 χ^2/NDF:2649.2/19

Out: -224.301+/-1.230 χ^2/NDF:4602.8/21

All: -231.971+/-0.883 χ^2/NDF: 7332.2/41

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: 4.934+/-0.888 χ^2/NDF:295.7/21

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 6.548+/-0.937 χ^2/NDF:233.3/19

Left: 5.698+/-0.645 χ^2/NDF: 530.5/41

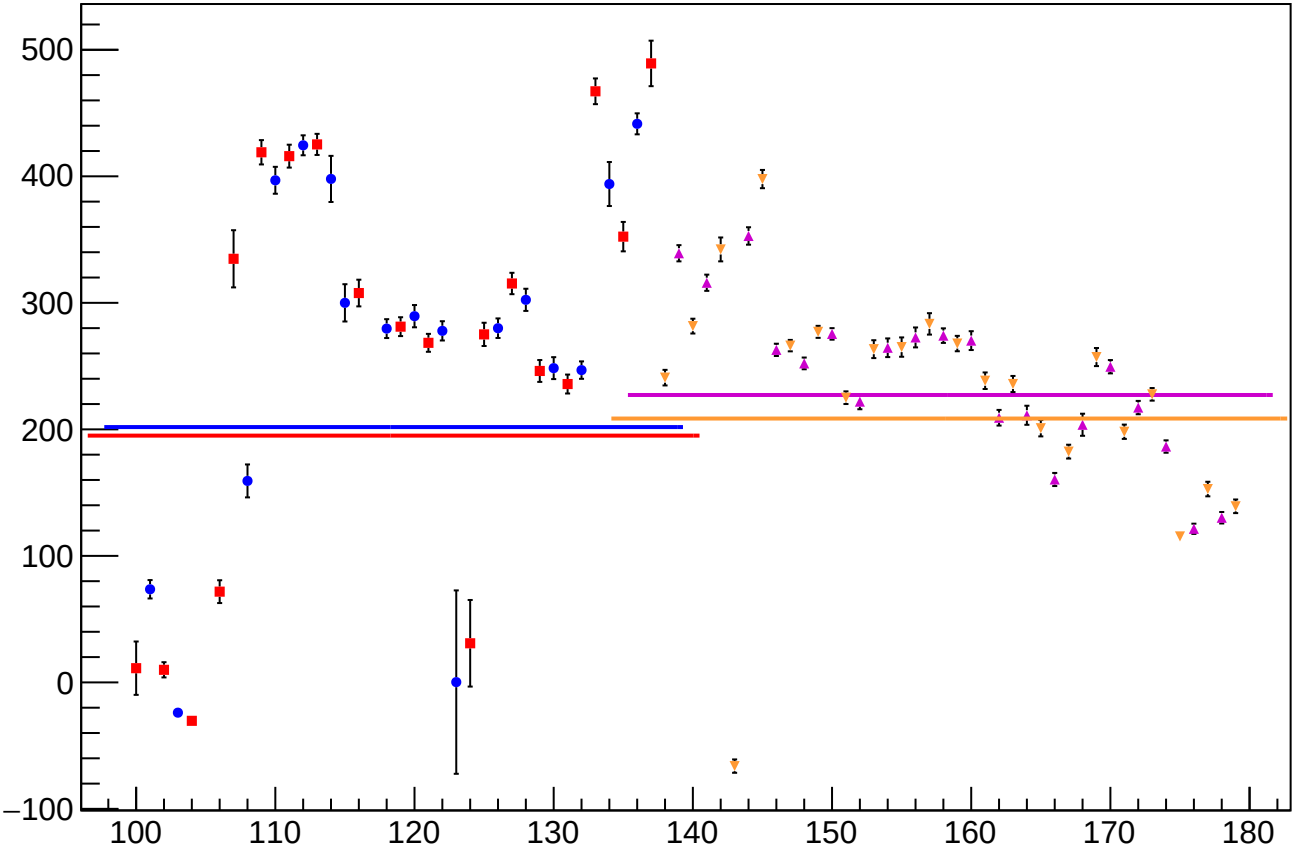
Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 5.845+/-0.710 χ^2/NDF:546.5/36

Out: 5.179+/-0.684 χ^2/NDF:535.0/40

All: 5.499+/-0.493 χ^2/NDF: 1082.0/77

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: 208.552+/-1.221 χ^2/NDF:5498.0/21

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 227.166+/-1.256 χ^2/NDF:2604.1/19

Left: 217.600+/-0.875 χ^2/NDF: 8215.0/41

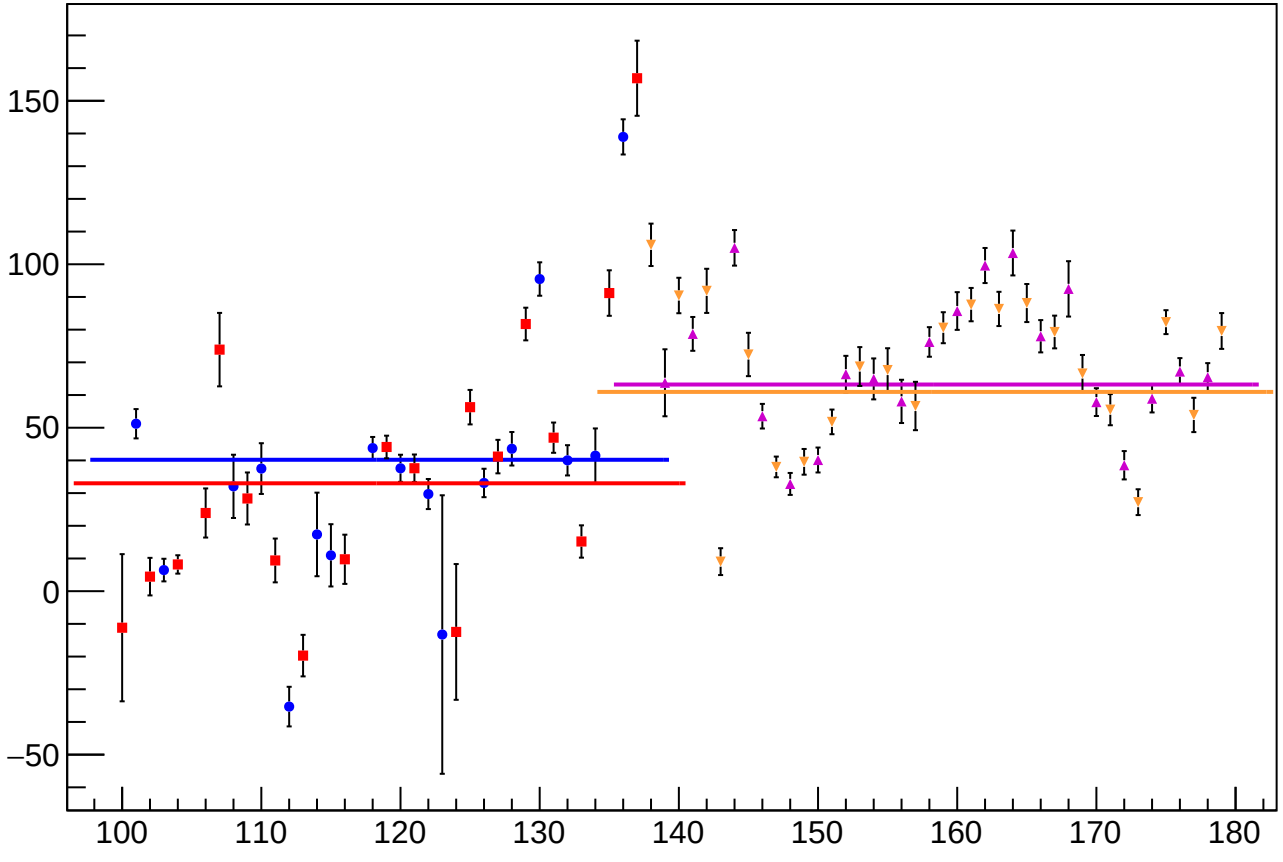
Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 219.844+/-1.059 χ^2/NDF:9476.1/36

Out: 204.678+/-1.031 χ^2/NDF:13790.2/40

All: 212.059+/-0.739 χ^2/NDF: 23371.6/77

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196+/-1.268 χ^2/NDF: 735.0/16

Left Out: 60.956+/-1.032 χ^2/NDF:578.3/21

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 63.216+/-1.081 χ^2/NDF:355.4/19

Left: 62.035+/-0.746 χ^2/NDF: 936.0/41

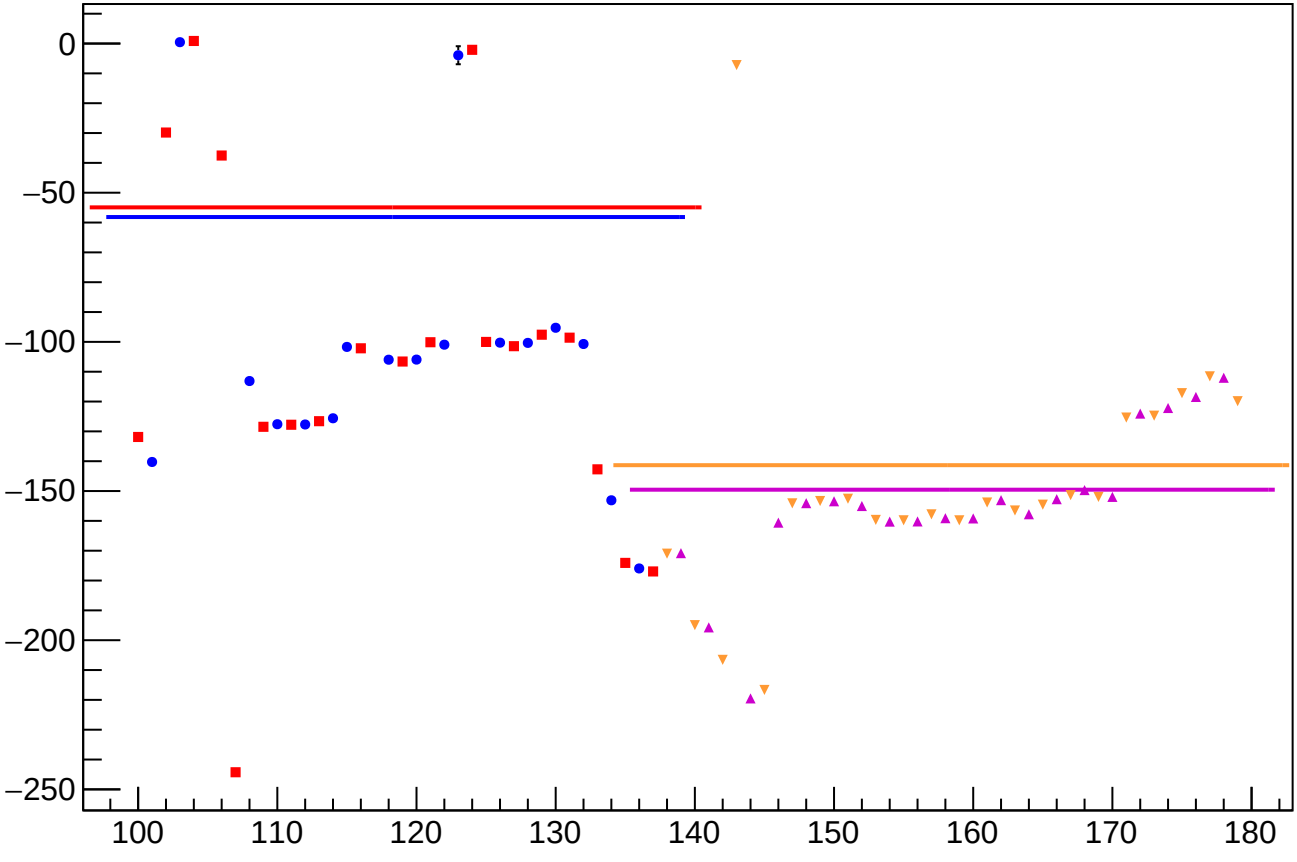
Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 53.528+/-0.822 χ^2/NDF:1281.4/36

Out: 49.645+/-0.797 χ^2/NDF:1429.0/40

All: 51.525+/-0.572 χ^2/NDF: 2721.9/77

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: -141.332+/-0.050 χ^2/NDF:662512.4/21

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -149.551+/-0.050 χ^2/NDF:207788.5/19

Left: -145.368+/-0.035 χ^2/NDF: 883835.9/41

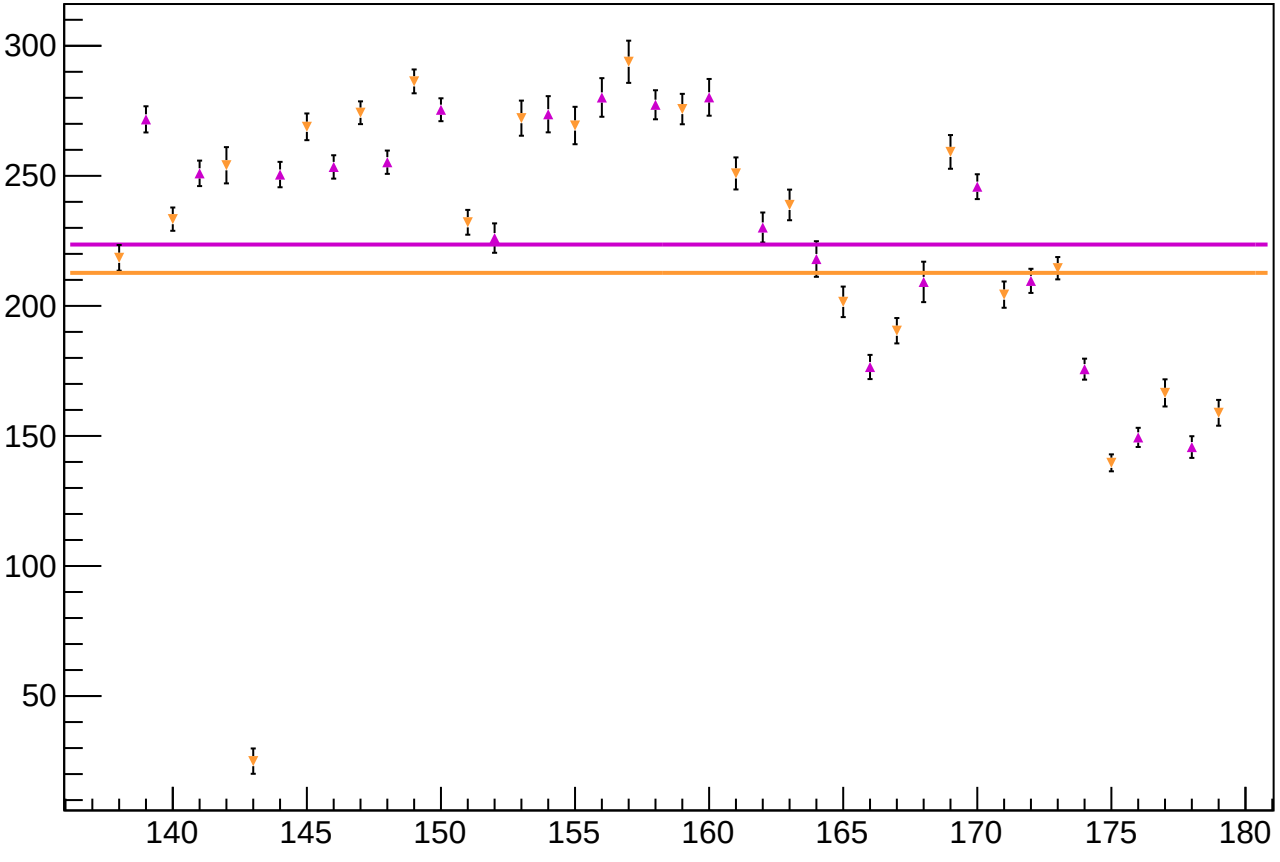
Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -112.887+/-0.039 χ^2/NDF:2632693.9/36

Out: -106.485+/-0.038 χ^2/NDF:2895305.5/40

All: -109.623+/-0.027 χ^2/NDF: 5541736.4/77

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: 212.701+/-1.094 χ^2/NDF:3326.3/21

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

Left In: 223.590+/-1.123 χ^2/NDF:1686.0/19

Left: 218.004+/-0.783 χ^2/NDF: 5060.6/41

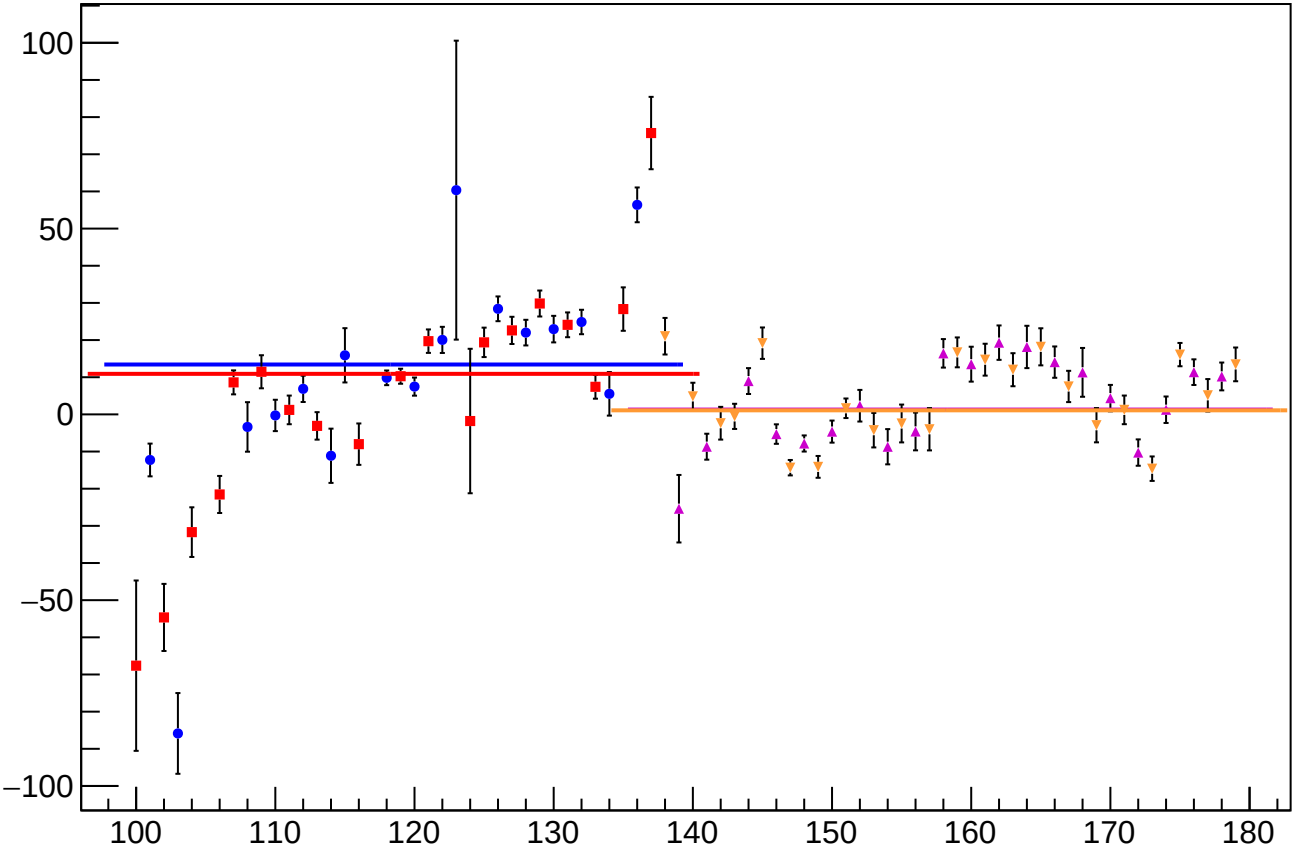
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 223.590+/-1.123 χ^2/NDF:1686.0/19

Out: 212.701+/-1.094 χ^2/NDF:3326.3/21

All: 218.004+/-0.783 χ^2/NDF: 5060.6/41

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: 1.090+/-0.793 χ^2/NDF:221.2/21

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: 1.295+/-0.831 χ^2/NDF:138.8/19

Left: 1.188+/-0.574 χ^2/NDF: 360.1/41

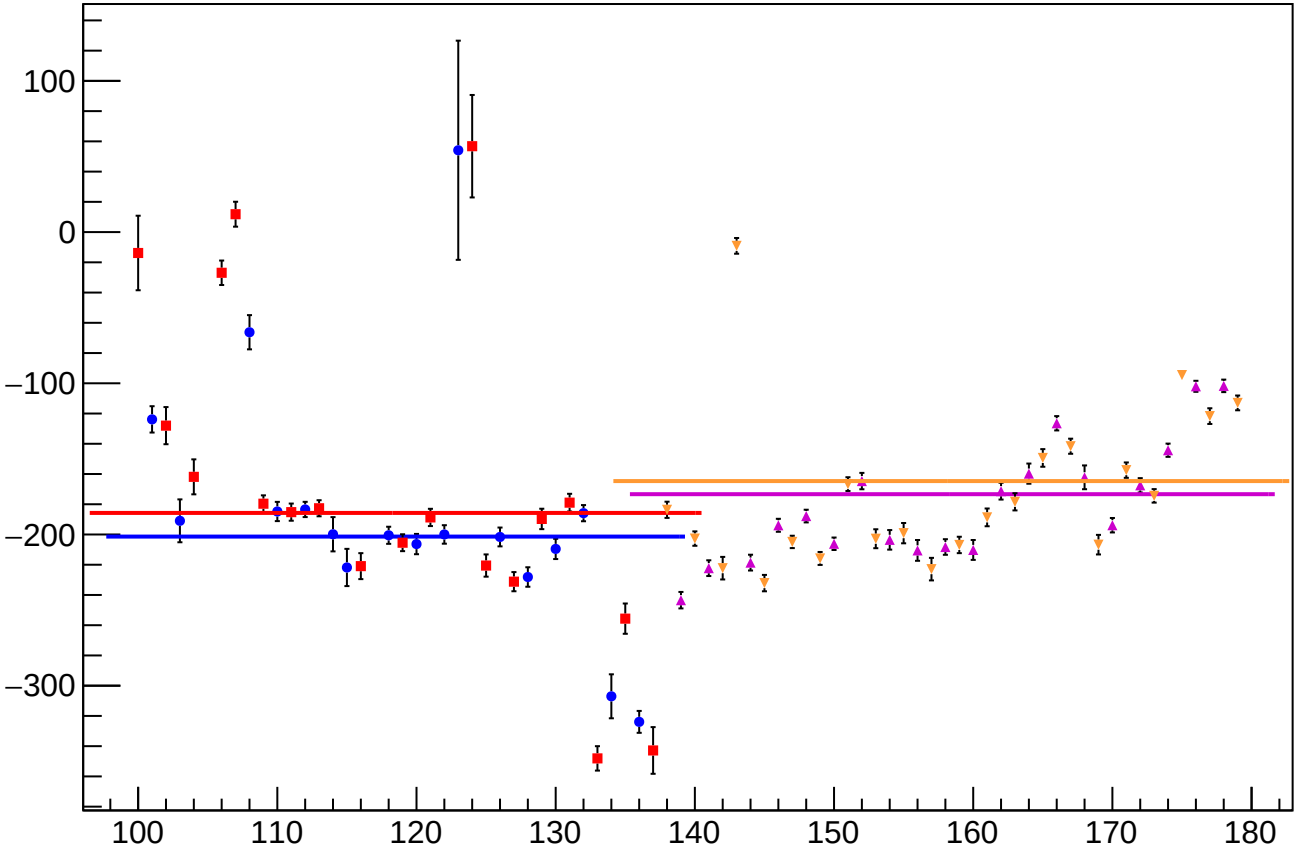
Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 6.746+/-0.616 χ^2/NDF:529.8/36

Out: 5.294+/-0.599 χ^2/NDF:589.5/40

All: 6.000+/-0.430 χ^2/NDF: 1122.1/77

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: -164.677+/-1.088 χ^2/NDF:2354.9/21

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -173.343+/-1.113 χ^2/NDF:1409.3/19

Left: -168.908+/-0.778 χ^2/NDF: 3795.2/41

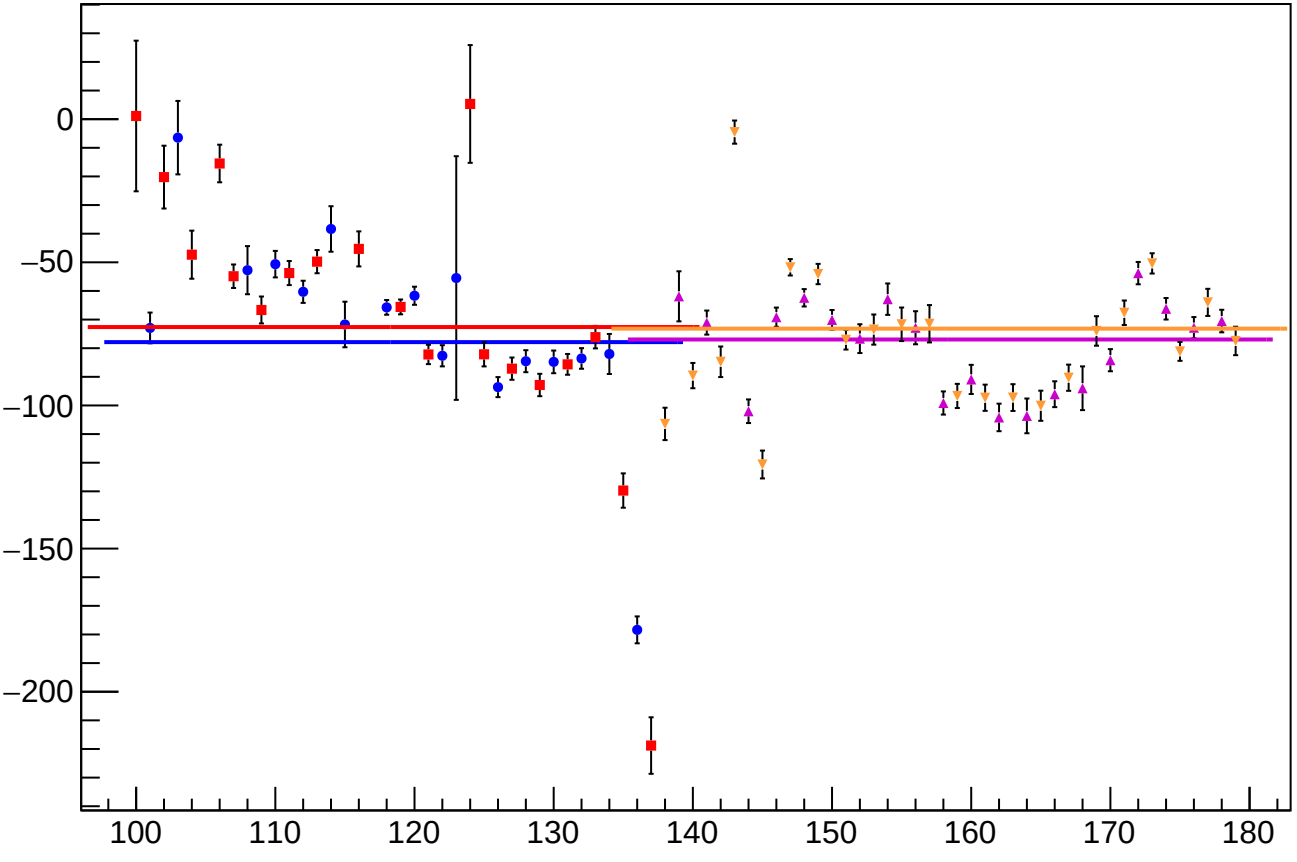
Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -181.231+/-0.944 χ^2/NDF:2211.2/36

Out: -170.793+/-0.916 χ^2/NDF:4213.1/40

All: -175.856+/-0.657 χ^2/NDF: 6487.3/77

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -73.170+/-0.921 χ^2/NDF:701.7/21

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -76.957+/-0.958 χ^2/NDF:243.9/19

Left: -74.989+/-0.664 χ^2/NDF: 953.8/41

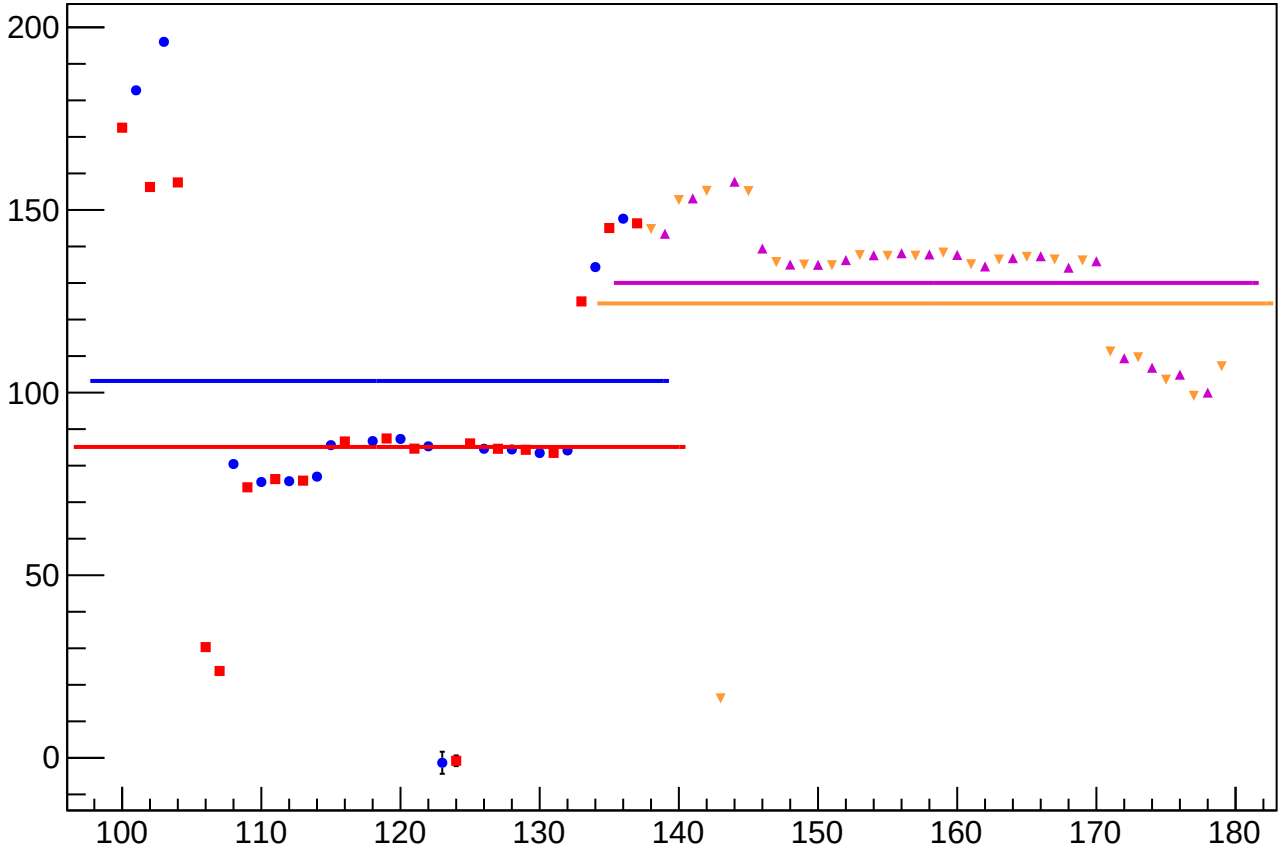
Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -77.368+/-0.712 χ^2/NDF:902.5/36

Out: -72.928+/-0.693 χ^2/NDF:1308.8/40

All: -75.088+/-0.497 χ^2/NDF: 2231.2/77

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: 124.413+/-0.044 χ^2/NDF:419626.2/21

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 130.029+/-0.045 χ^2/NDF:128238.5/19

Left: 127.182+/-0.031 χ^2/NDF: 555882.5/41

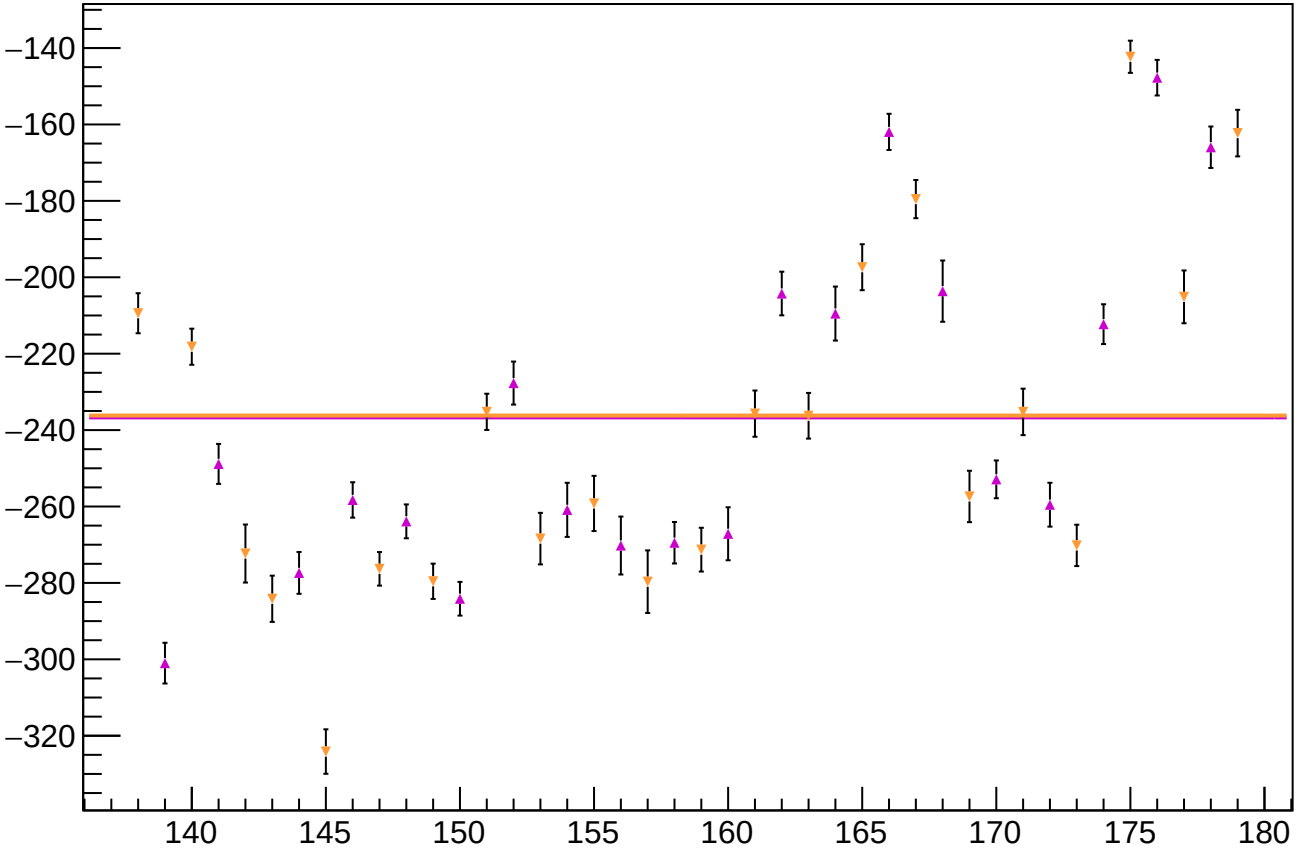
Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 122.318+/-0.038 χ^2/NDF:505622.2/36

Out: 111.711+/-0.036 χ^2/NDF:1100416.0/40

All: 116.805+/-0.026 χ^2/NDF: 1647196.8/77

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -236.189+/-1.199 χ^2/NDF:1508.8/21

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

Left In: -236.675+/-1.216 χ^2/NDF:1366.8/19

Left: -236.428+/-0.854 χ^2/NDF: 2875.6/41

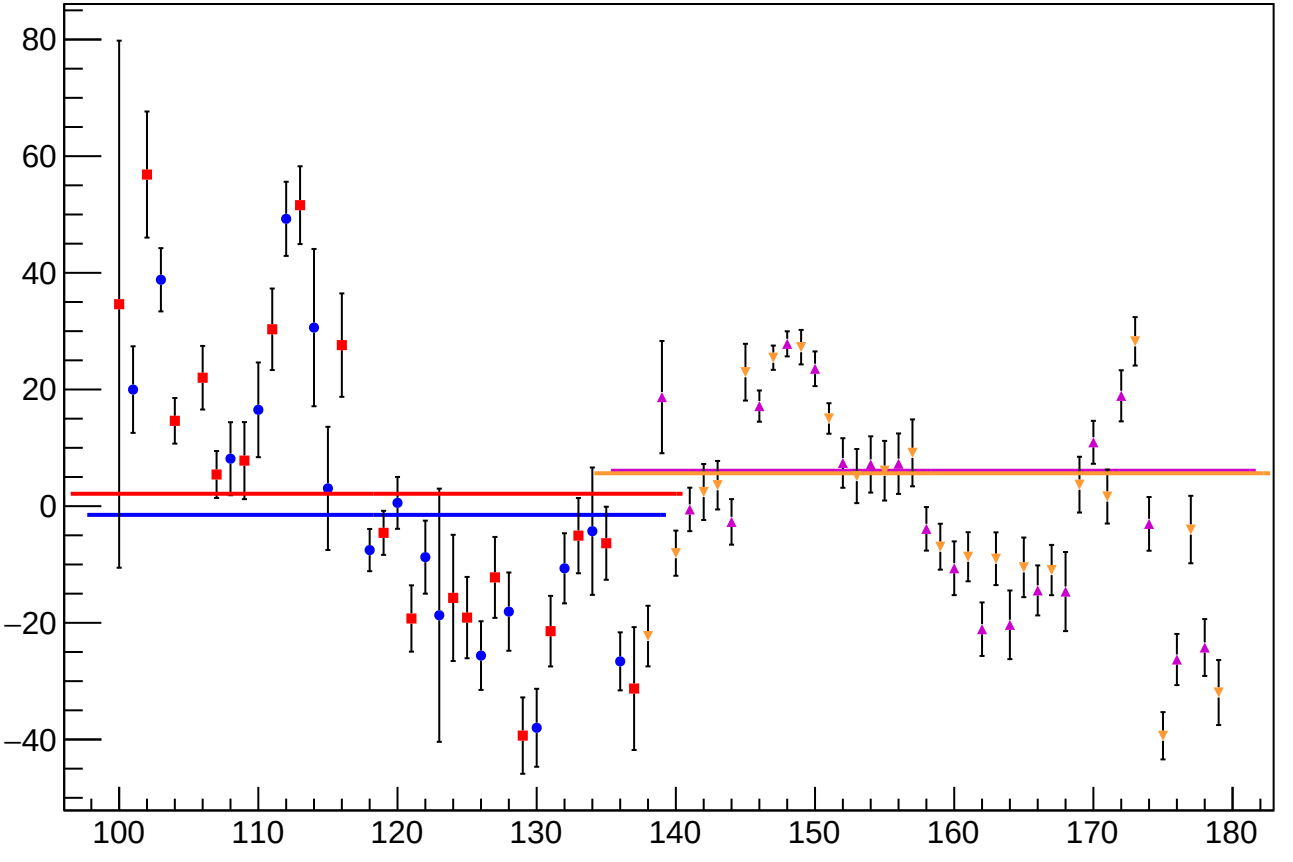
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -236.675+/-1.216 χ^2/NDF:1366.8/19

Out: -236.189+/-1.199 χ^2/NDF:1508.8/21

All: -236.428+/-0.854 χ^2/NDF: 2875.6/41

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: 5.640+/-0.849 χ^2/NDF:471.5/21

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 6.068+/-0.880 χ^2/NDF:379.4/19

Left: 5.846+/-0.611 χ^2/NDF: 850.9/41

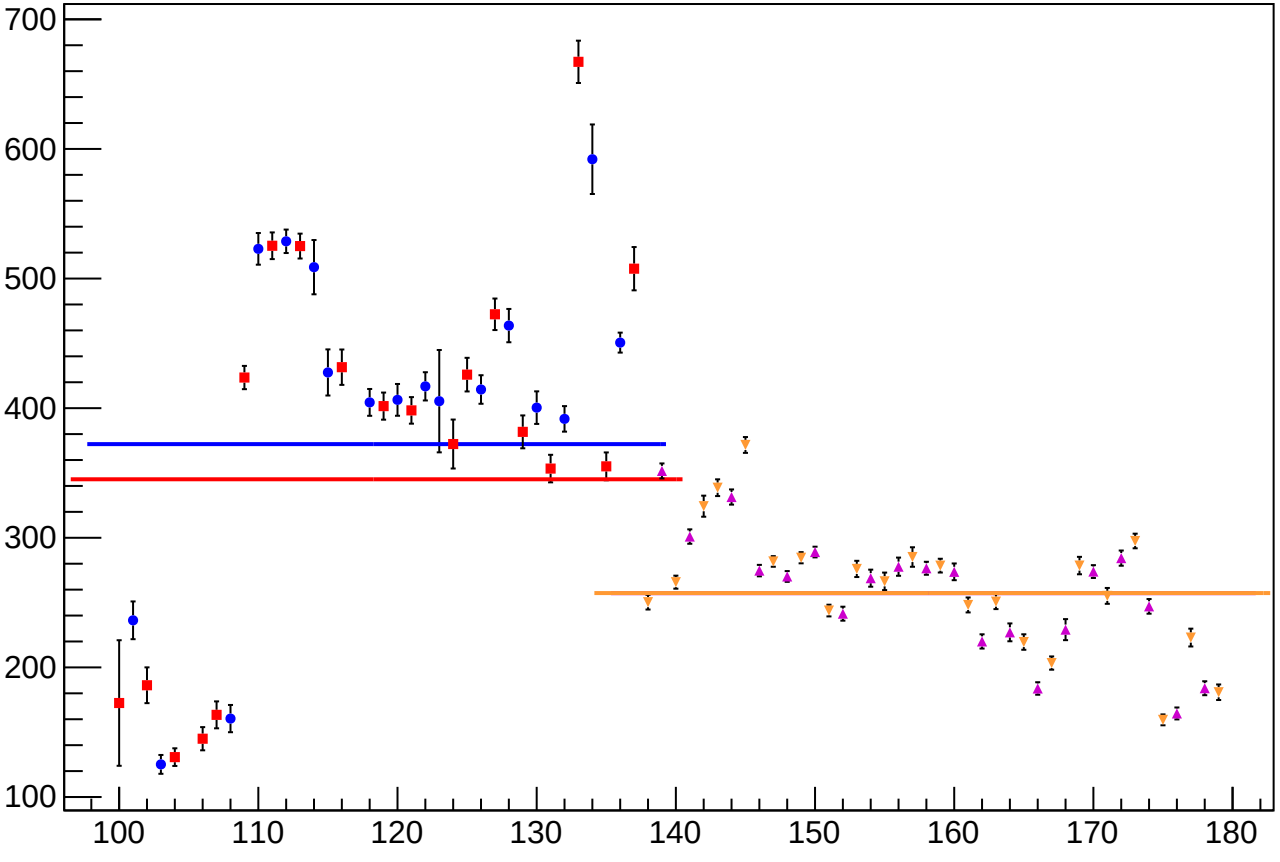
Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: 4.158+/-0.761 χ^2/NDF:624.1/36

Out: 4.697+/-0.726 χ^2/NDF:708.7/40

All: 4.440+/-0.525 χ^2/NDF: 1333.0/77

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: 257.349+/-1.186 χ^2/NDF:1650.1/21

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 257.261+/-1.199 χ^2/NDF:1550.6/19

Left: 257.305+/-0.843 χ^2/NDF: 3200.7/41

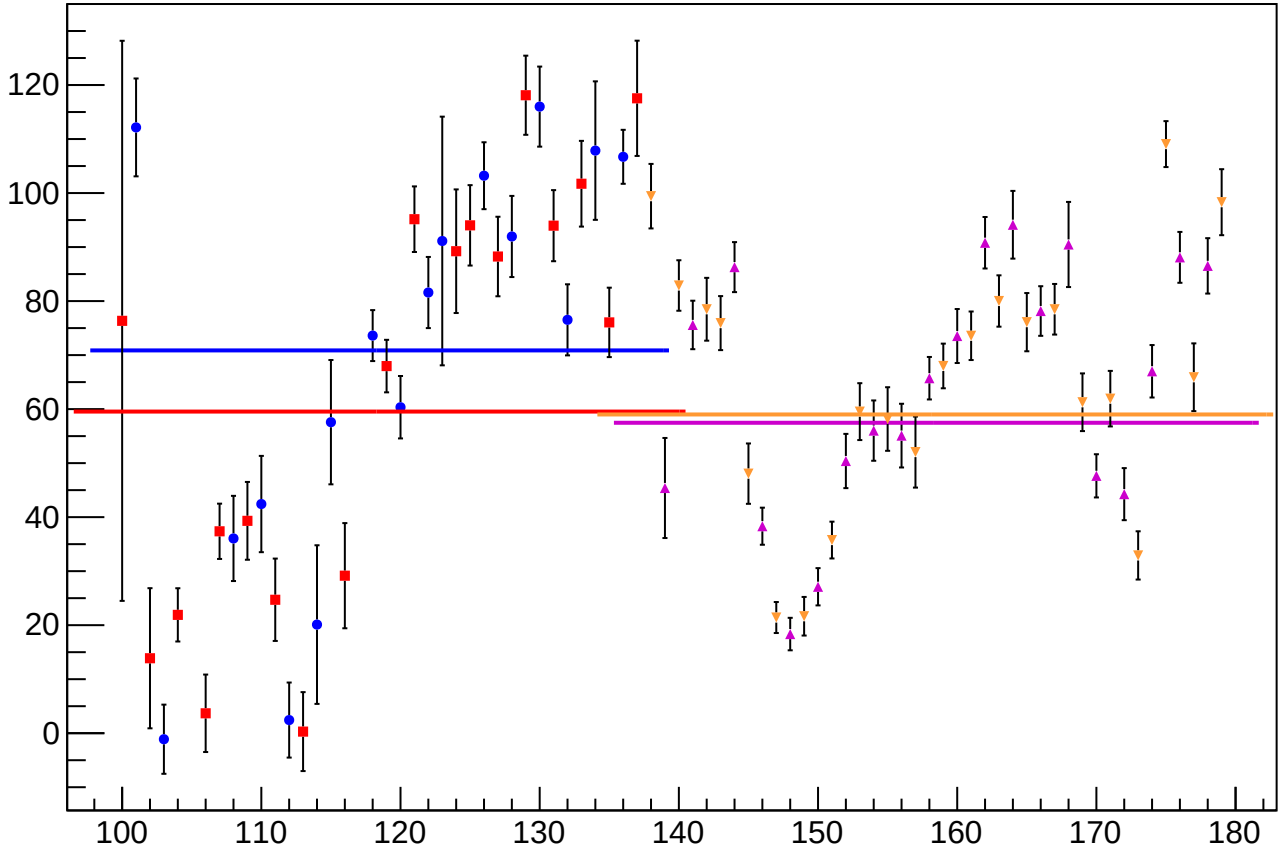
Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 275.518+/-1.099 χ^2/NDF:5444.9/36

Out: 272.835+/-1.076 χ^2/NDF:6033.4/40

All: 274.148+/-0.769 χ^2/NDF: 11481.3/77

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: 59.008+/-0.994 χ^2/NDF:704.8/21

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 57.470+/-1.022 χ^2/NDF:564.1/19

Left: 58.261+/-0.713 χ^2/NDF: 1270.1/41

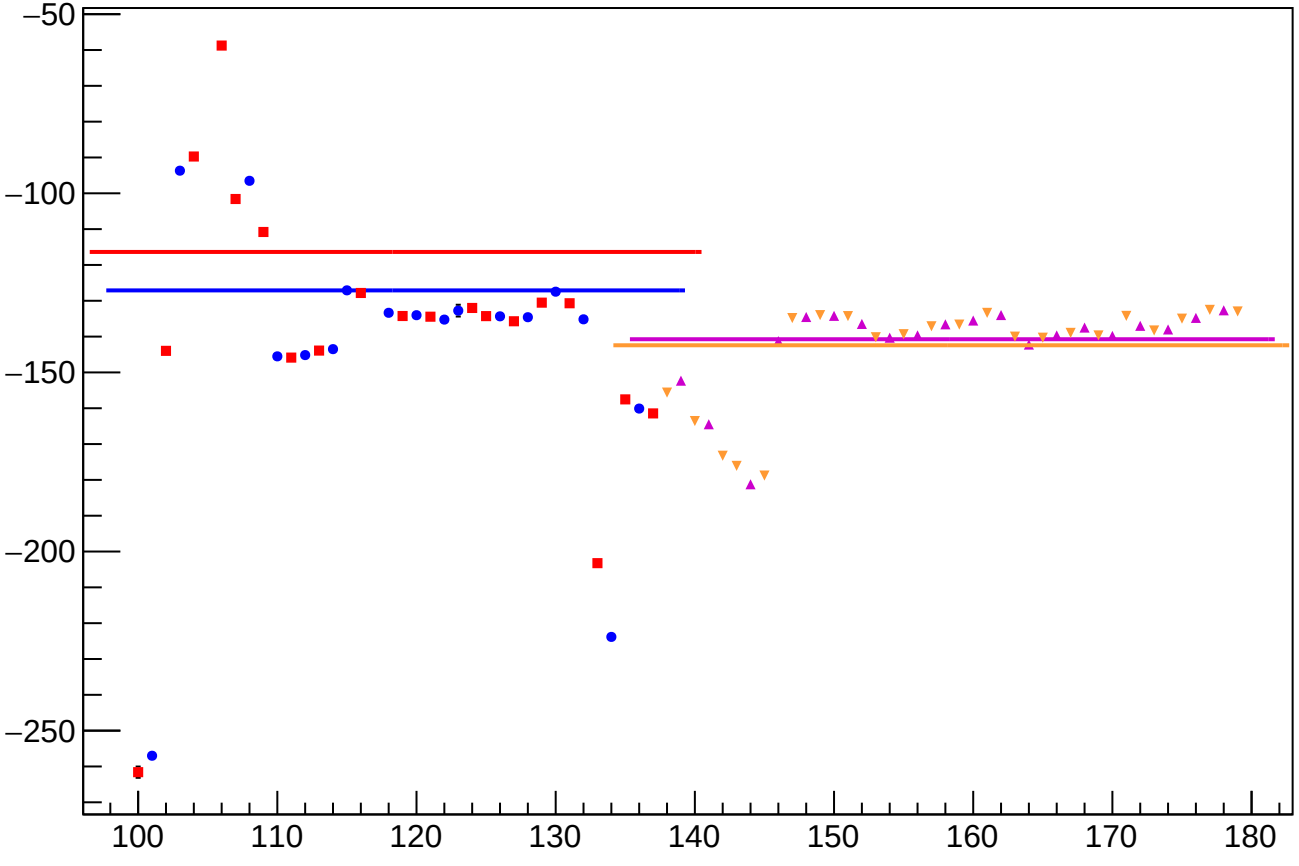
Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 60.900+/-0.882 χ^2/NDF:1035.1/36

Out: 59.154+/-0.849 χ^2/NDF:1195.8/40

All: 59.994+/-0.612 χ^2/NDF: 2232.9/77

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: -142.423+/-0.048 χ^2/NDF:76039.1/21

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -140.736+/-0.048 χ^2/NDF:46796.4/19

Left: -141.581+/-0.034 χ^2/NDF: 123455.0/41

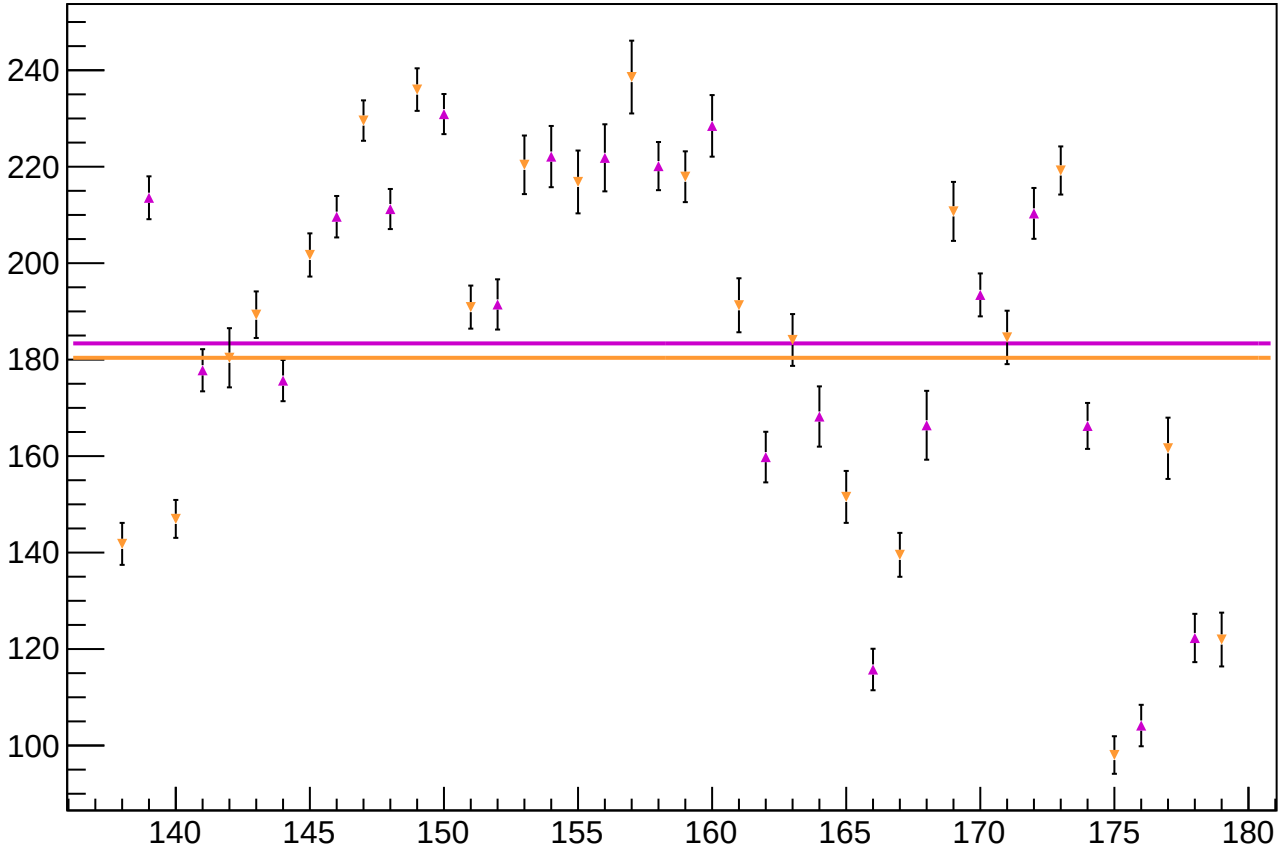
Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -137.693+/-0.042 χ^2/NDF:231907.1/36

Out: -135.908+/-0.041 χ^2/NDF:317667.7/40

All: -136.784+/-0.030 χ^2/NDF: 550483.9/77

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 180.380+/-1.071 χ^2/NDF:1429.0/21

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

Left In: 183.368+/-1.095 χ^2/NDF:1250.1/19

Left: 181.842+/-0.766 χ^2/NDF: 2682.8/41

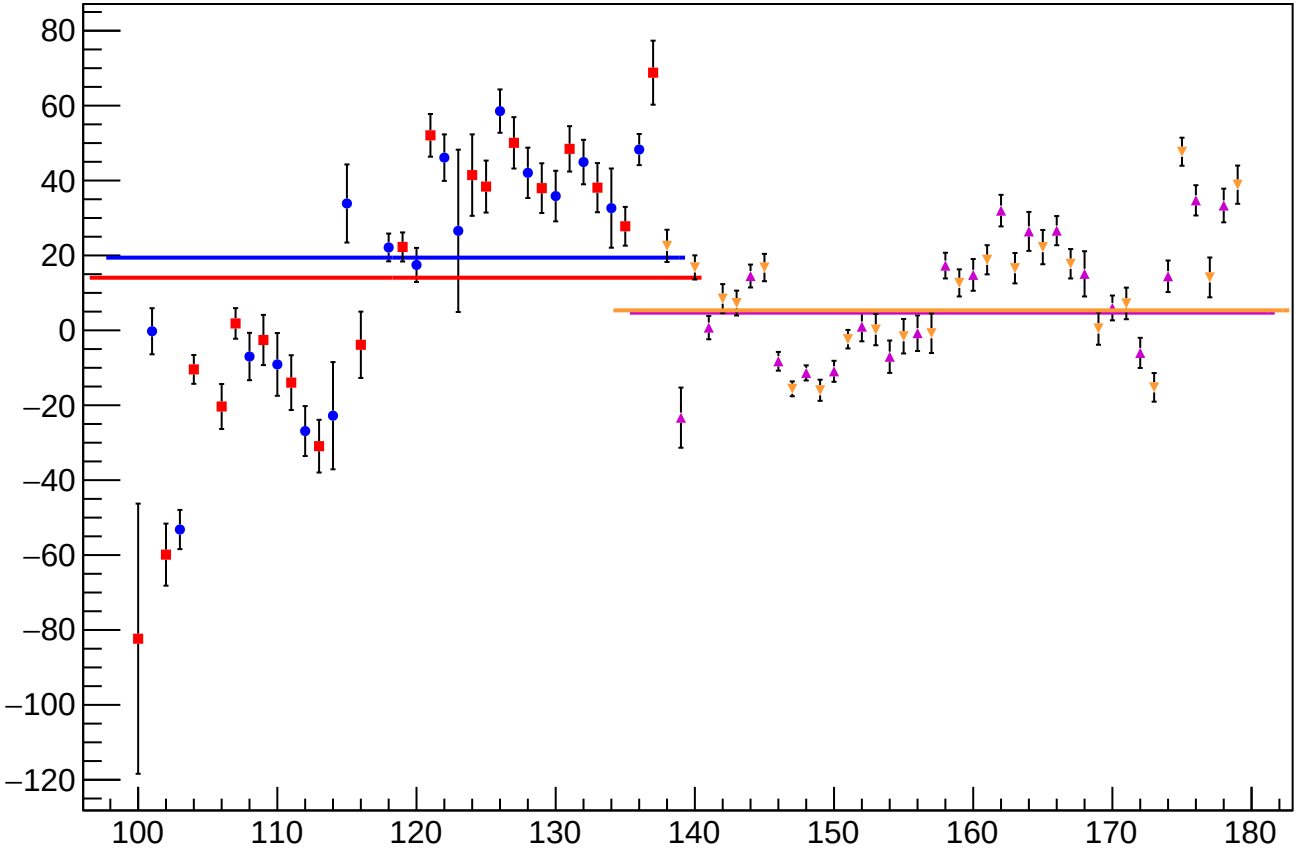
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 183.368+/-1.095 χ^2/NDF:1250.1/19

Out: 180.380+/-1.071 χ^2/NDF:1429.0/21

All: 181.842+/-0.766 χ^2/NDF: 2682.8/41

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: 5.336+/-0.766 χ^2/NDF:474.3/21

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: 4.733+/-0.799 χ^2/NDF:376.4/19

Left: 5.047+/-0.553 χ^2/NDF: 850.9/41

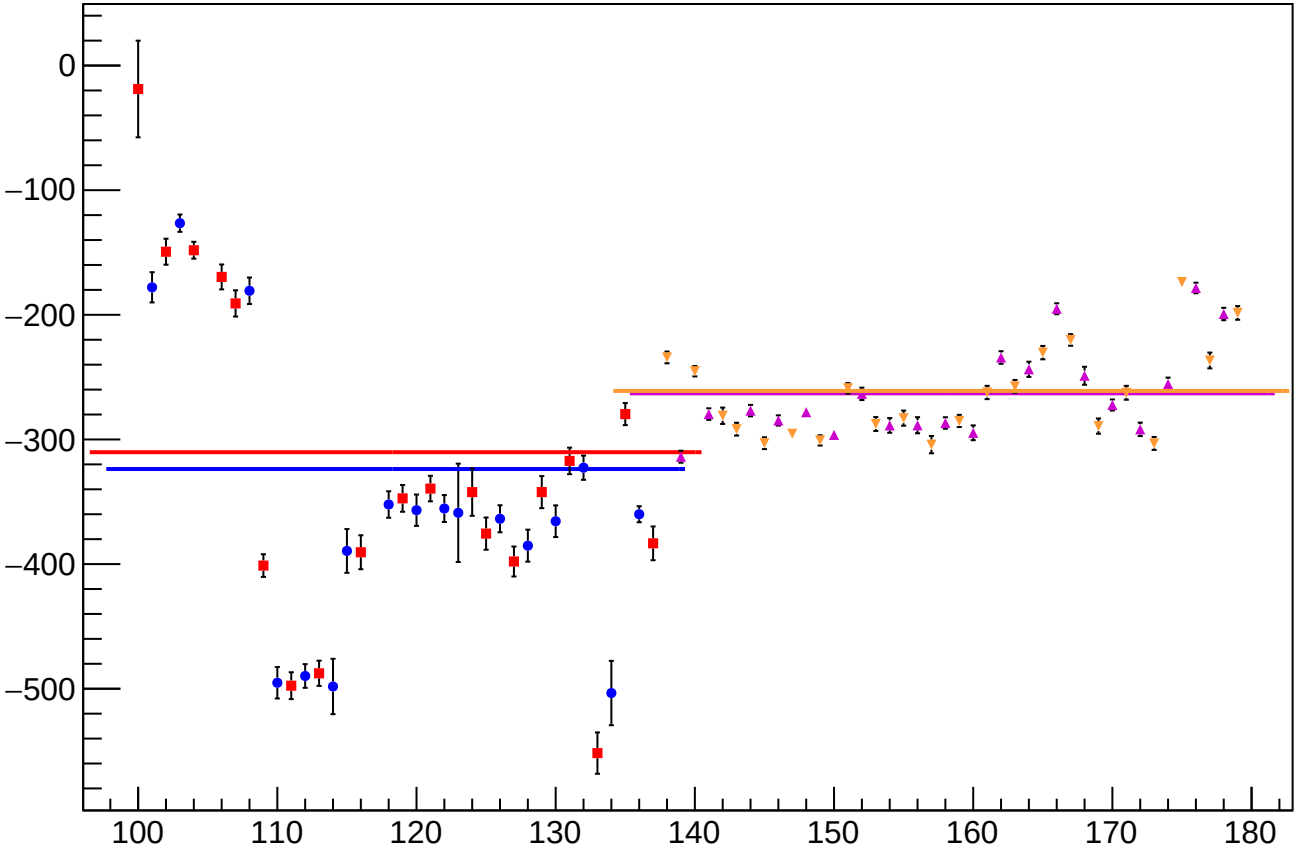
Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 8.045+/-0.703 χ^2/NDF:893.7/36

Out: 7.364+/-0.671 χ^2/NDF:940.9/40

All: 7.689+/-0.485 χ^2/NDF: 1835.1/77

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: -261.067+/-1.065 χ^2/NDF:1284.6/21

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -262.985+/-1.083 χ^2/NDF:1221.4/19

Left: -262.010+/-0.759 χ^2/NDF: 2507.7/41

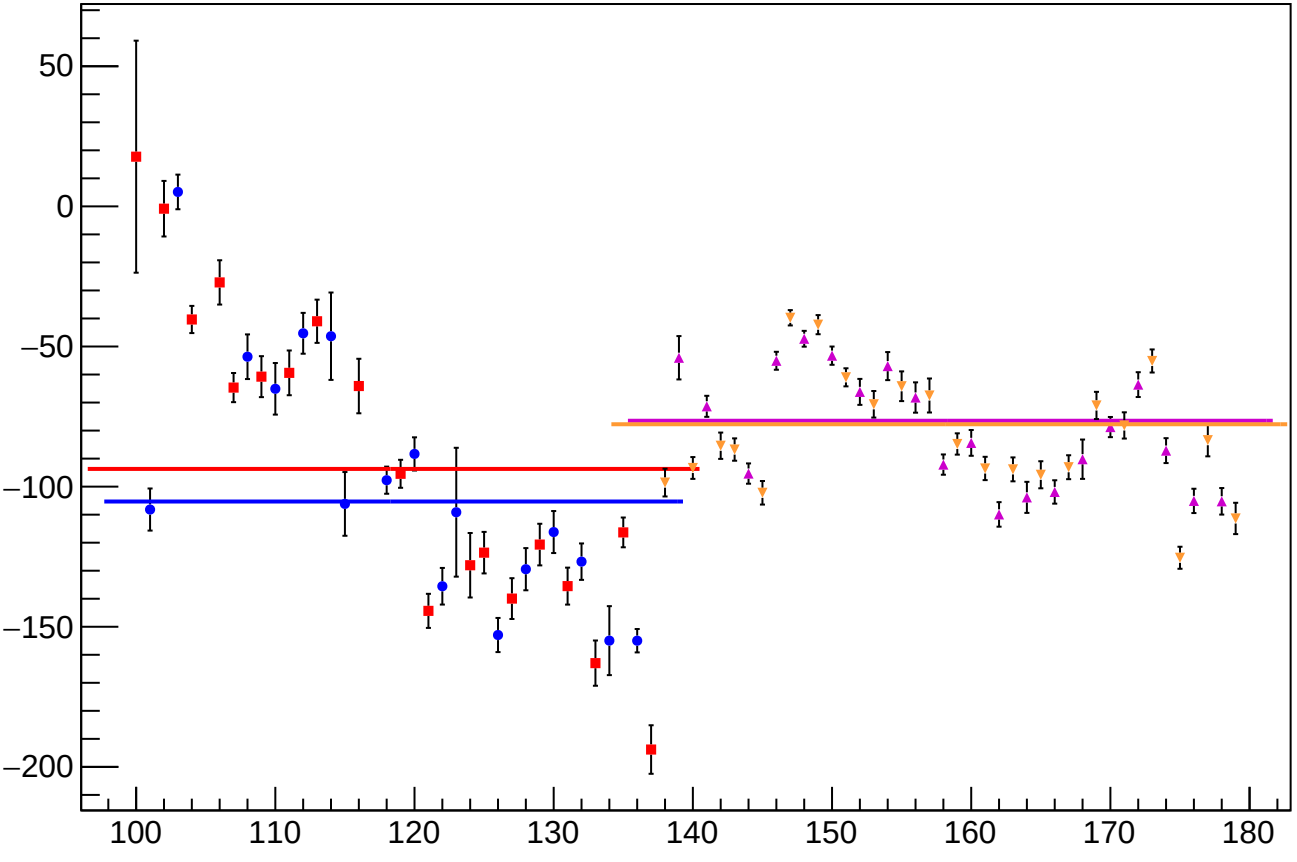
Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -271.578+/-1.004 χ^2/NDF:3517.1/36

Out: -268.502+/-0.981 χ^2/NDF:3906.8/40

All: -270.005+/-0.702 χ^2/NDF: 7428.7/77

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: -77.741+/-0.895 χ^2/NDF:689.8/21

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -76.493+/-0.927 χ^2/NDF:503.1/19

Left: -77.139+/-0.644 χ^2/NDF: 1193.8/41

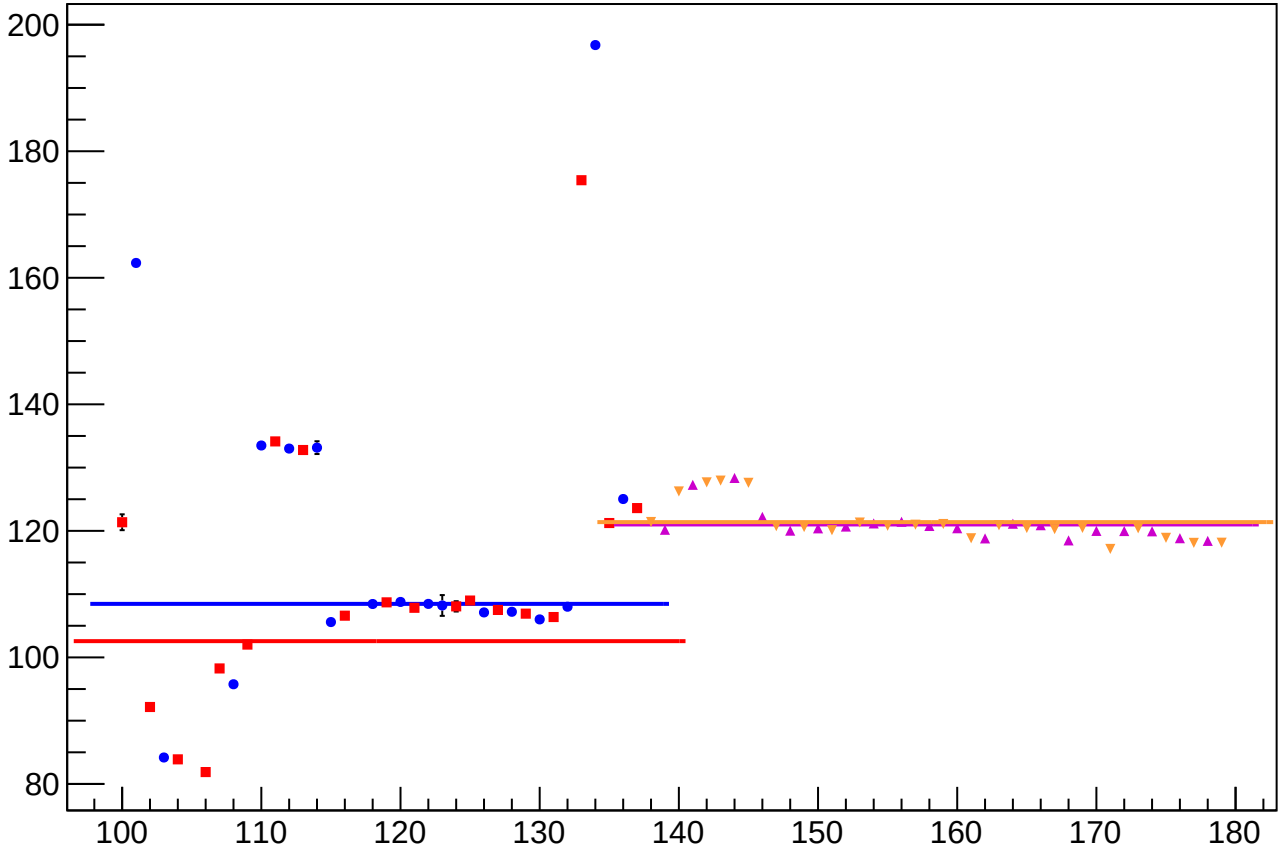
Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -83.132+/-0.813 χ^2/NDF:1463.4/36

Out: -81.500+/-0.783 χ^2/NDF:1591.1/40

All: -82.285+/-0.564 χ^2/NDF: 3056.6/77

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: 121.383+/-0.043 χ^2/NDF:4712.0/21

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 121.012+/-0.043 χ^2/NDF:3152.0/19

Left: 121.199+/-0.030 χ^2/NDF: 7901.1/41

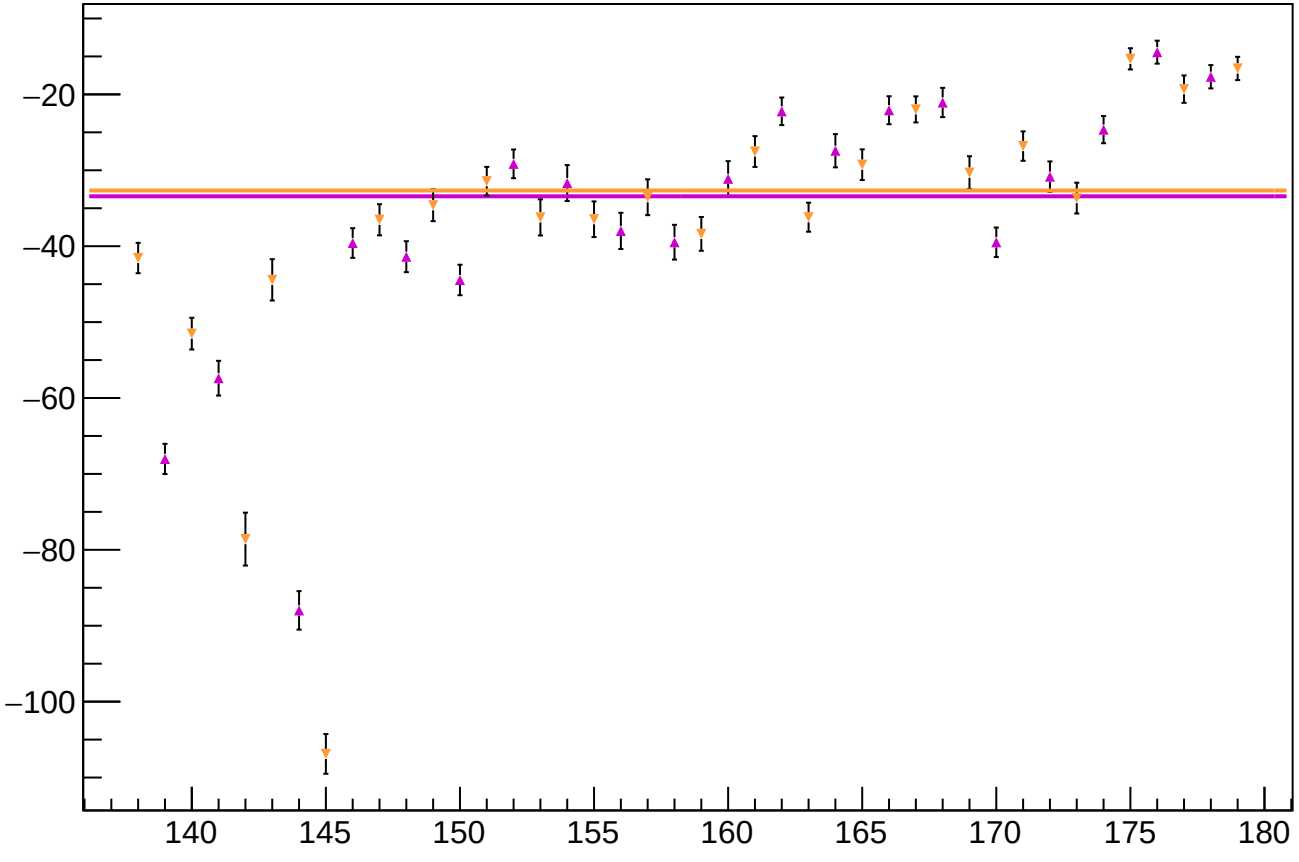
Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 118.415+/-0.039 χ^2/NDF:93861.7/36

Out: 117.133+/-0.038 χ^2/NDF:101248.4/40

All: 117.761+/-0.027 χ^2/NDF: 195674.5/77

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -32.662+/-0.430 χ^2/NDF:1493.7/21

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

Left In: -33.426+/-0.442 χ^2/NDF:1370.1/19

Left: -33.034+/-0.308 χ^2/NDF: 2865.4/41

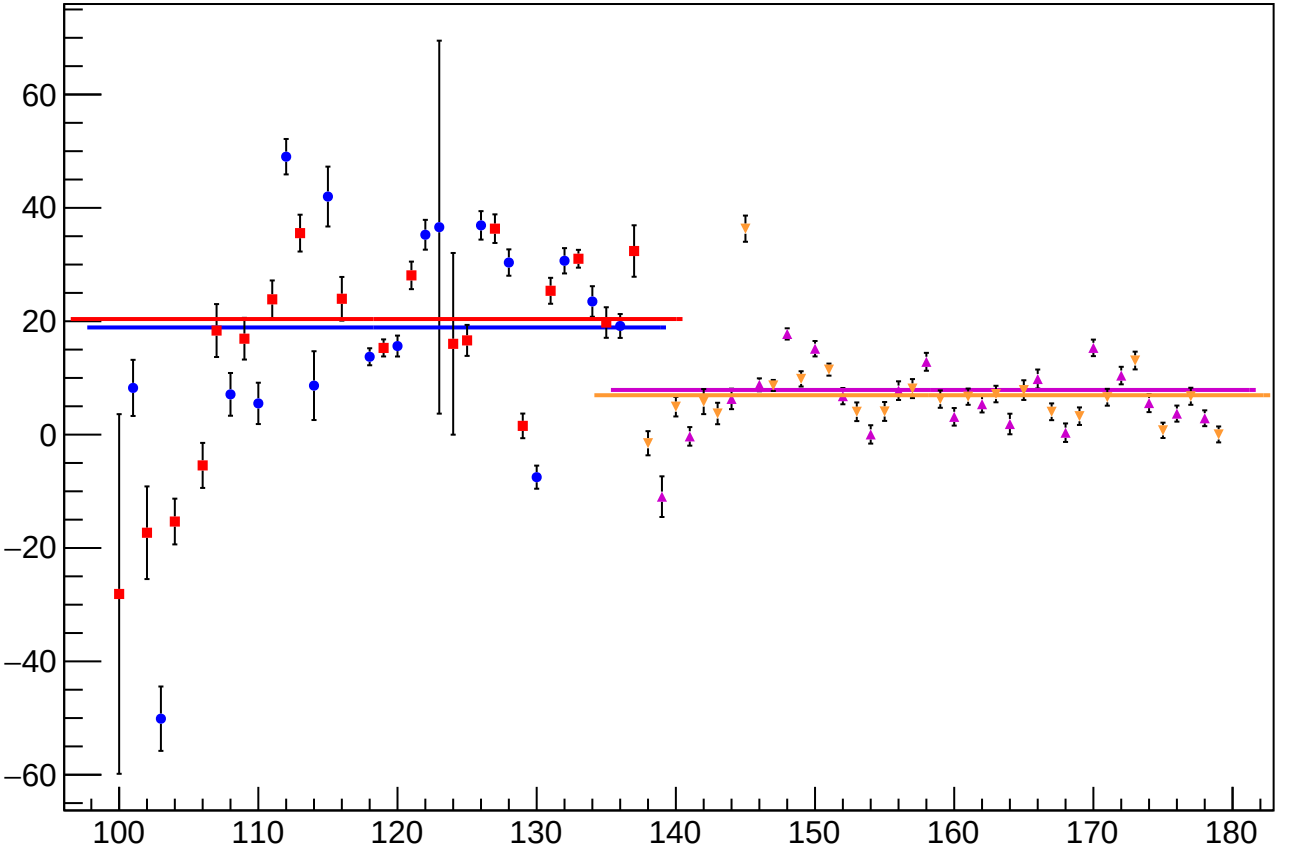
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -33.426+/-0.442 χ^2/NDF:1370.1/19

Out: -32.662+/-0.430 χ^2/NDF:1493.7/21

All: -33.034+/-0.308 χ^2/NDF: 2865.4/41

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: 6.949+/-0.320 χ^2/NDF:285.0/21

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 7.880+/-0.335 χ^2/NDF:313.6/19

Left: 7.395+/-0.231 χ^2/NDF: 602.7/41

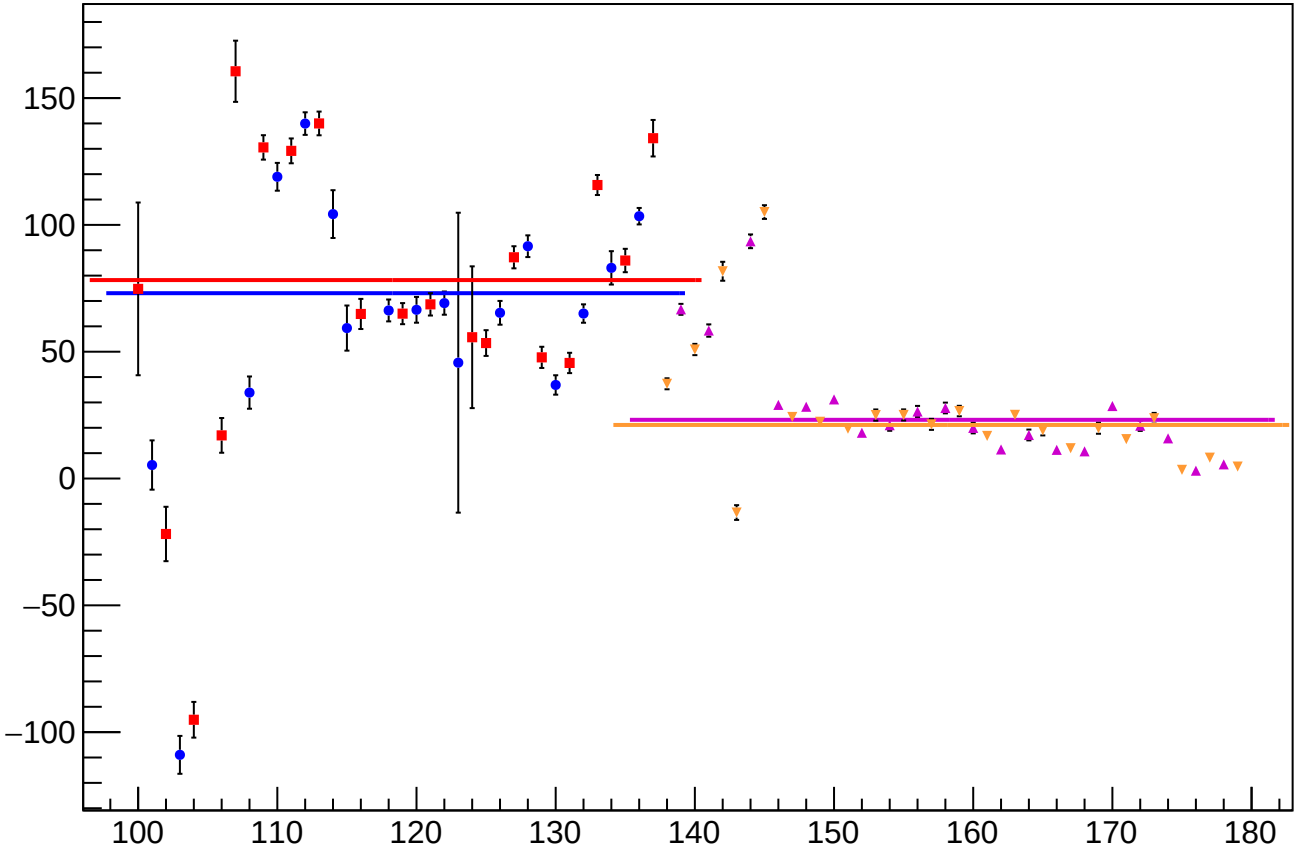
Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 10.227+/-0.297 χ^2/NDF:1163.6/36

Out: 9.616+/-0.287 χ^2/NDF:999.6/40

All: 9.911+/-0.206 χ^2/NDF: 2165.4/77

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: 21.121+/-0.425 χ^2/NDF:1999.5/21

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 23.145+/-0.436 χ^2/NDF:1814.3/19

Left: 22.106+/-0.304 χ^2/NDF: 3824.8/41

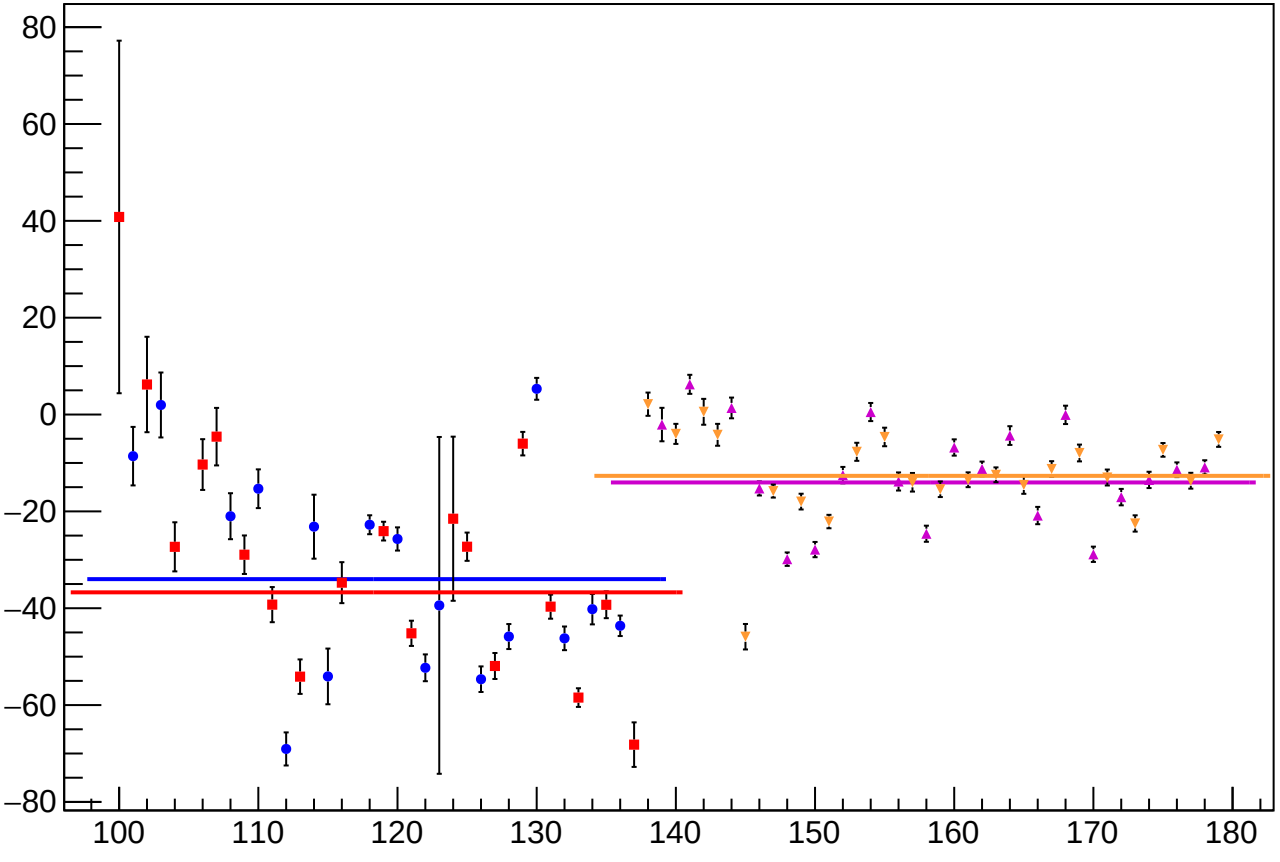
Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 28.742+/-0.411 χ^2/NDF:4482.3/36

Out: 27.279+/-0.401 χ^2/NDF:5489.7/40

All: 27.993+/-0.287 χ^2/NDF: 9978.5/77

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: -12.660+/-0.366 χ^2/NDF:426.5/21

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -14.026+/-0.381 χ^2/NDF:694.3/19

Left: -13.316+/-0.264 χ^2/NDF: 1127.5/41

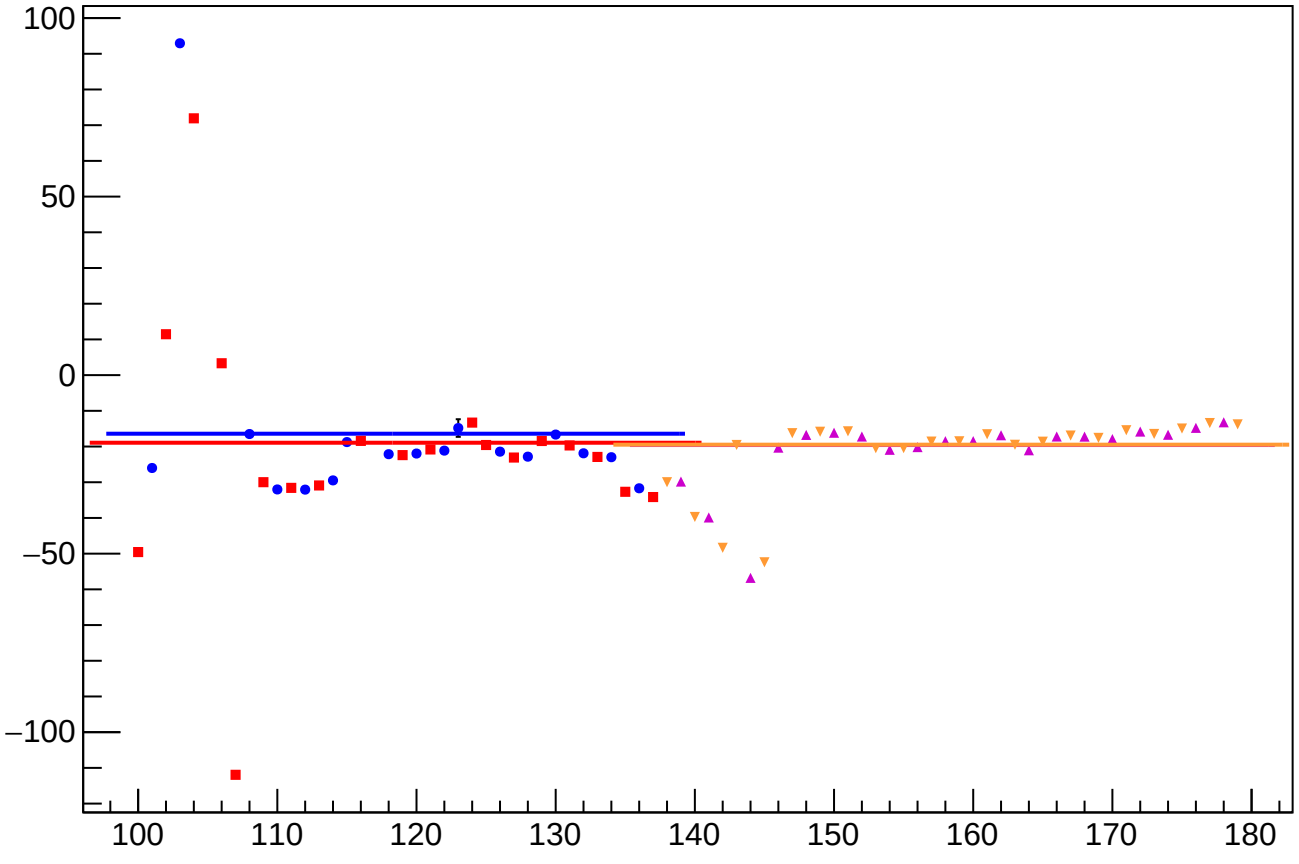
Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -18.249+/-0.339 χ^2/NDF:1993.9/36

Out: -17.431+/-0.328 χ^2/NDF:1824.2/40

All: -17.827+/-0.236 χ^2/NDF: 3821.1/77

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: -19.481+/-0.017 χ^2/NDF:224417.2/21

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -19.580+/-0.017 χ^2/NDF:185768.5/19

Left: -19.529+/-0.012 χ^2/NDF: 410202.5/41

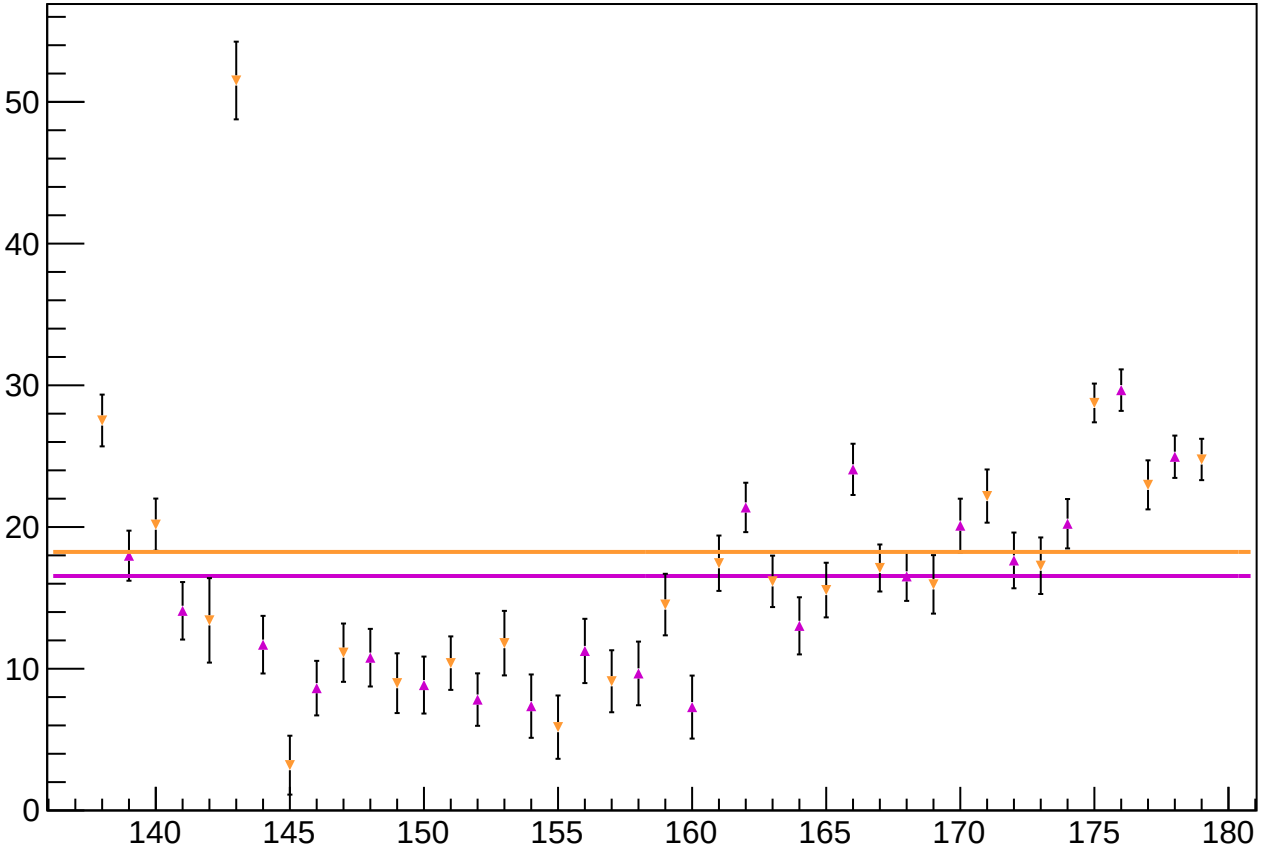
Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -19.163+/-0.016 χ^2/NDF:664564.4/36

Out: -19.413+/-0.016 χ^2/NDF:658697.3/40

All: -19.290+/-0.011 χ^2/NDF: 1323384.3/77

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: 18.243+/-0.410 χ^2/NDF:433.0/21

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

Left In: 16.545+/-0.421 χ^2/NDF:266.9/19

Left: 17.415+/-0.294 χ^2/NDF: 708.3/41

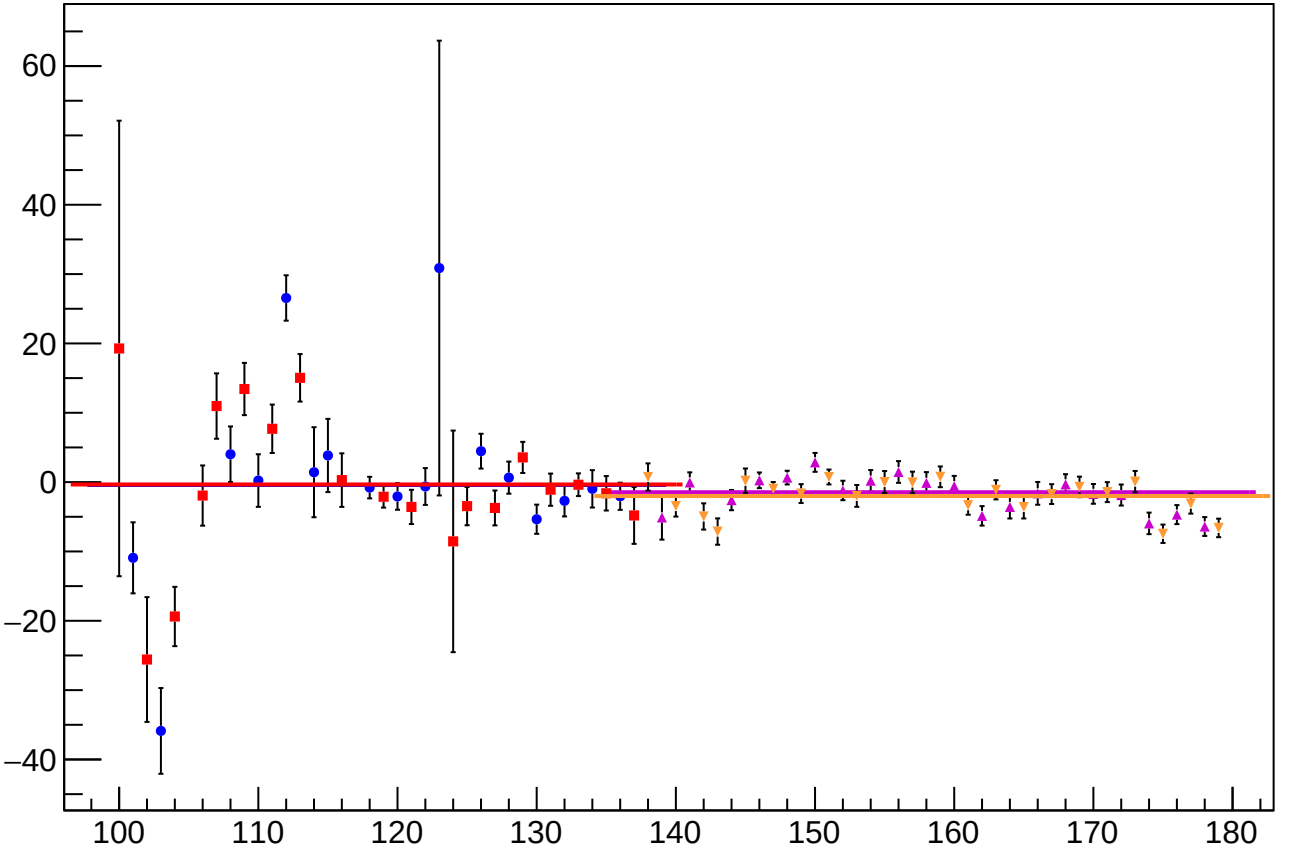
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.545+/-0.421 χ^2/NDF:266.9/19

Out: 18.243+/-0.410 χ^2/NDF:433.0/21

All: 17.415+/-0.294 χ^2/NDF: 708.3/41

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: -2.011+/-0.308 χ^2/NDF:62.8/21

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -1.458+/-0.321 χ^2/NDF:60.9/19

Left: -1.746+/-0.222 χ^2/NDF: 125.2/41

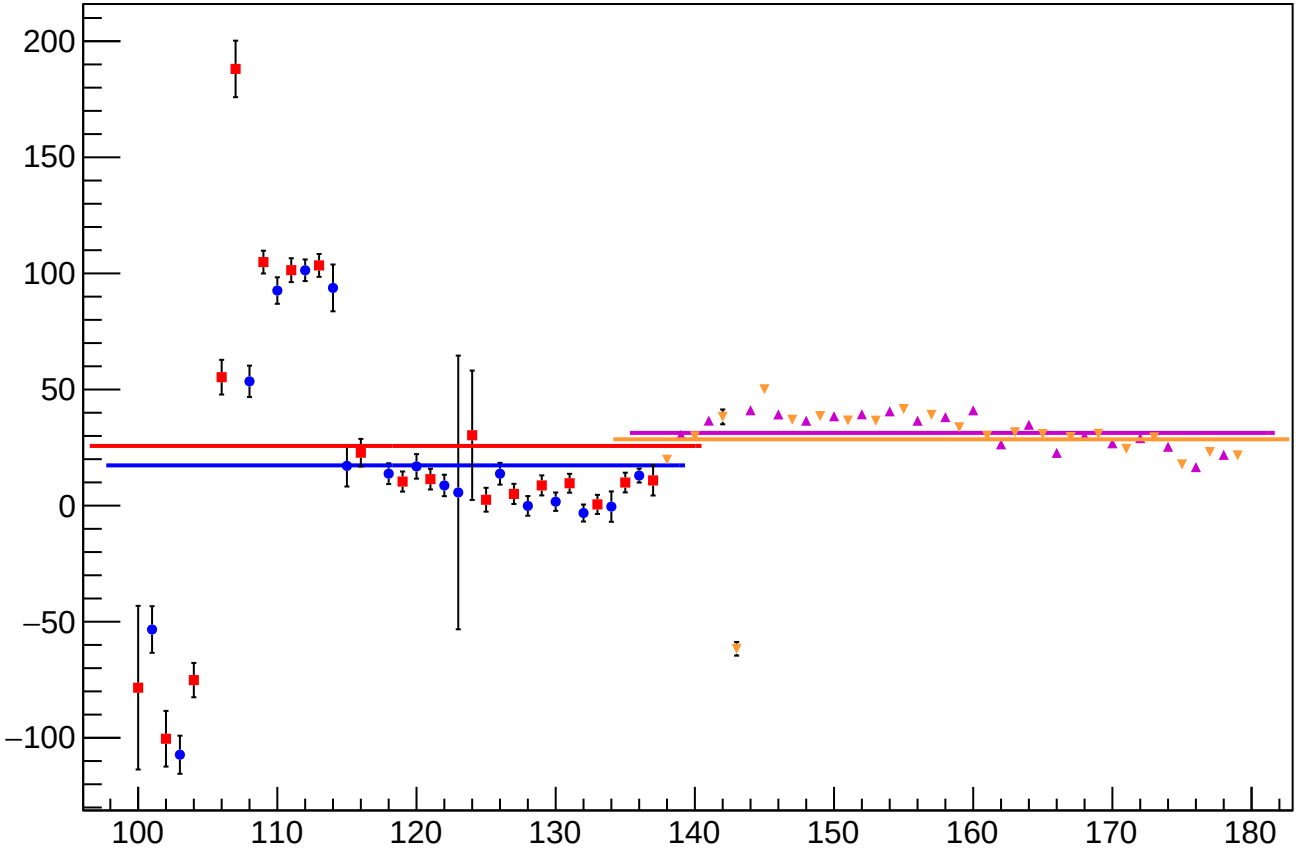
Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -1.255+/-0.288 χ^2/NDF:182.9/36

Out: -1.711+/-0.279 χ^2/NDF:151.8/40

All: -1.490+/-0.200 χ^2/NDF: 335.9/77

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: 28.554+/-0.406 χ^2/NDF:1337.5/21

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 31.321+/-0.416 χ^2/NDF:341.4/19

Left: 29.903+/-0.291 χ^2/NDF: 1701.5/41

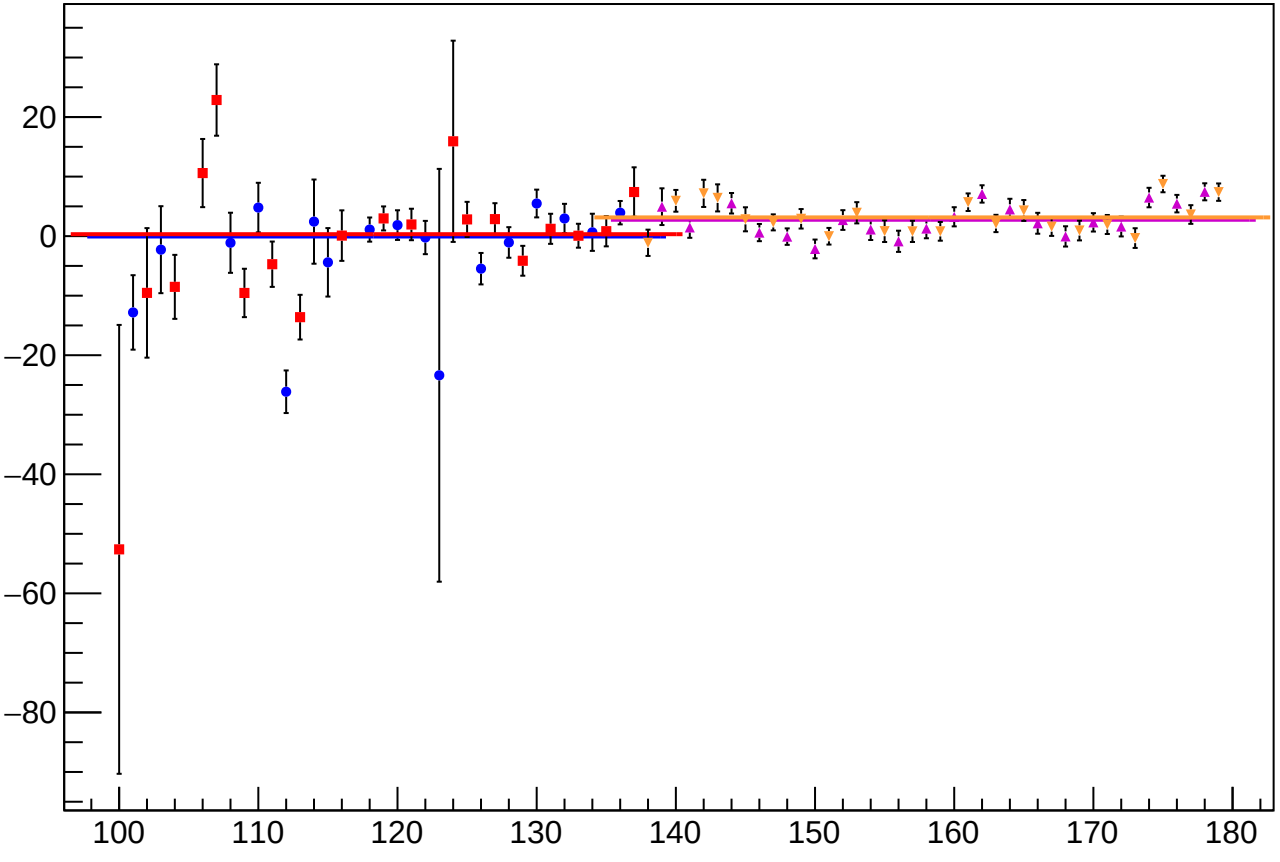
Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 29.900+/-0.395 χ^2/NDF:1399.2/36

Out: 28.278+/-0.386 χ^2/NDF:2721.3/40

All: 29.071+/-0.276 χ^2/NDF: 4129.2/77

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: 3.146+/-0.352 χ^2/NDF:59.1/21

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 2.752+/-0.365 χ^2/NDF:58.1/19

Left: 2.956+/-0.253 χ^2/NDF: 117.9/41

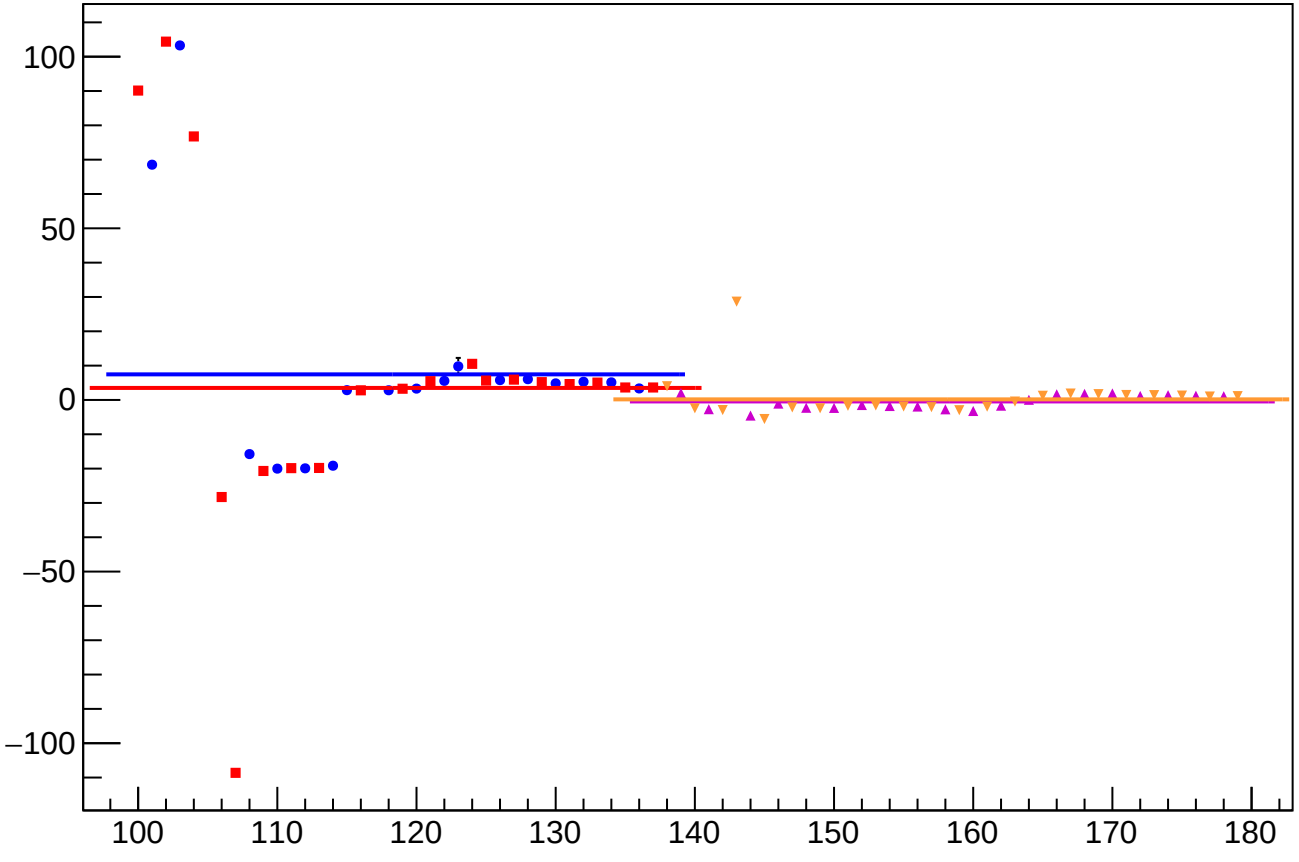
Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 2.205+/-0.328 χ^2/NDF:146.2/36

Out: 2.637+/-0.318 χ^2/NDF:125.8/40

All: 2.428+/-0.228 χ^2/NDF: 272.9/77

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: 0.169+/-0.016 χ^2/NDF:77635.5/21

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -0.434+/-0.016 χ^2/NDF:14016.0/19

Left: -0.127+/-0.012 χ^2/NDF: 92335.0/41

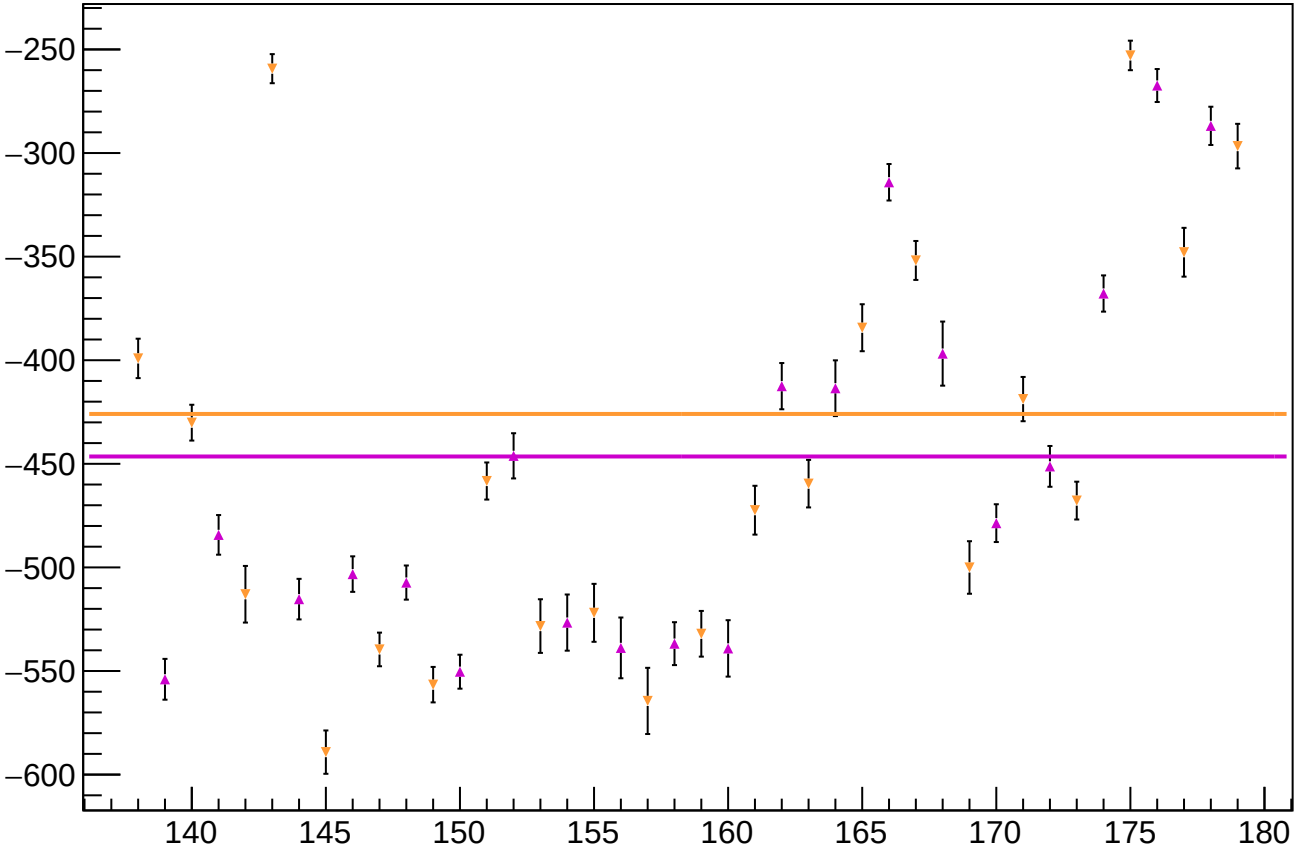
Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 0.518+/-0.015 χ^2/NDF:397797.9/36

Out: 0.543+/-0.015 χ^2/NDF:592969.4/40

All: 0.530+/-0.011 χ^2/NDF: 990768.6/77

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: -425.931+/-2.131 χ^2/NDF:2509.2/21

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

Left In: -446.462+/-2.227 χ^2/NDF:1790.4/19

Left: -435.746+/-1.540 χ^2/NDF: 4344.0/41

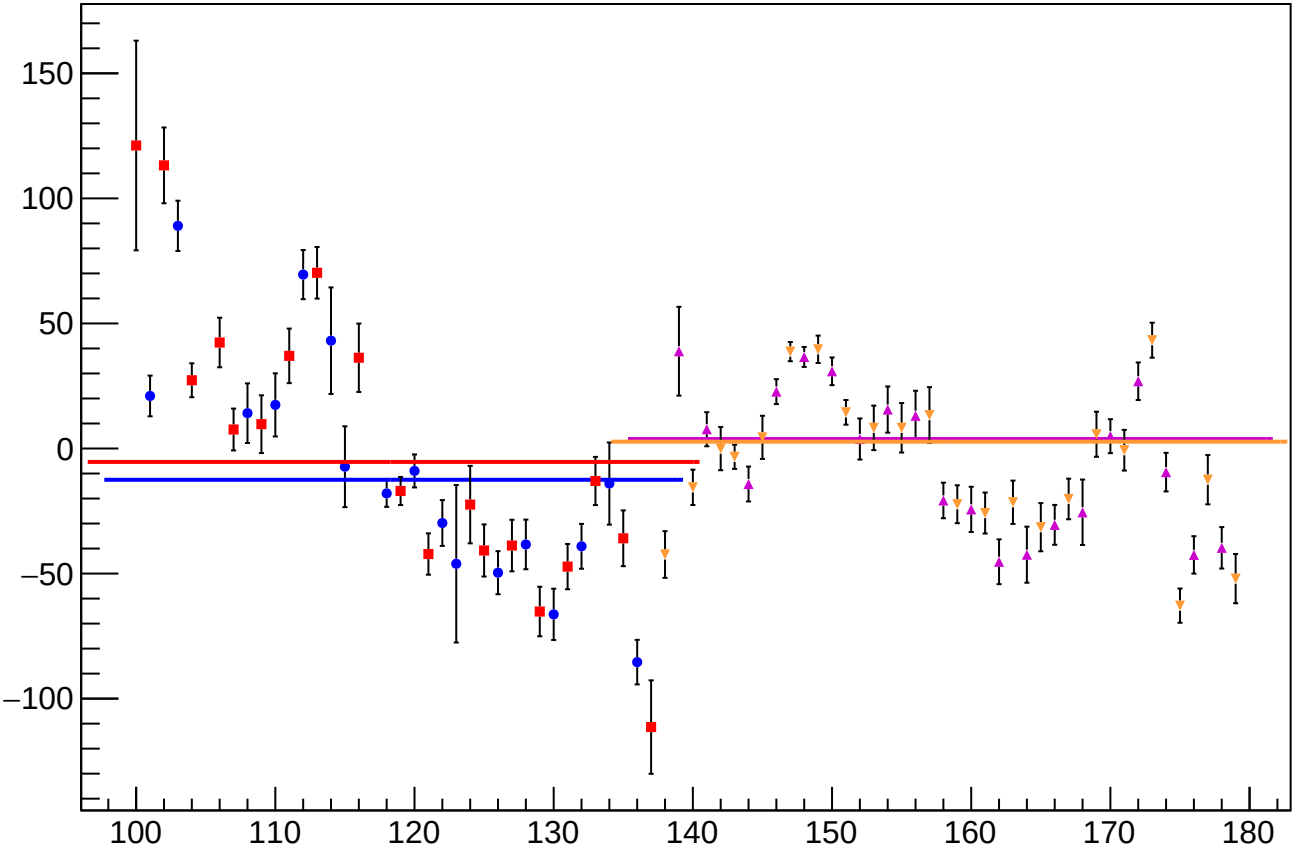
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -446.462+/-2.227 χ^2/NDF:1790.4/19

Out: -425.931+/-2.131 χ^2/NDF:2509.2/21

All: -435.746+/-1.540 χ^2/NDF: 4344.0/41

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: 2.731+/-1.515 χ^2/NDF:382.5/21

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 3.790+/-1.621 χ^2/NDF:290.2/19

Left: 3.224+/-1.107 χ^2/NDF: 672.8/41

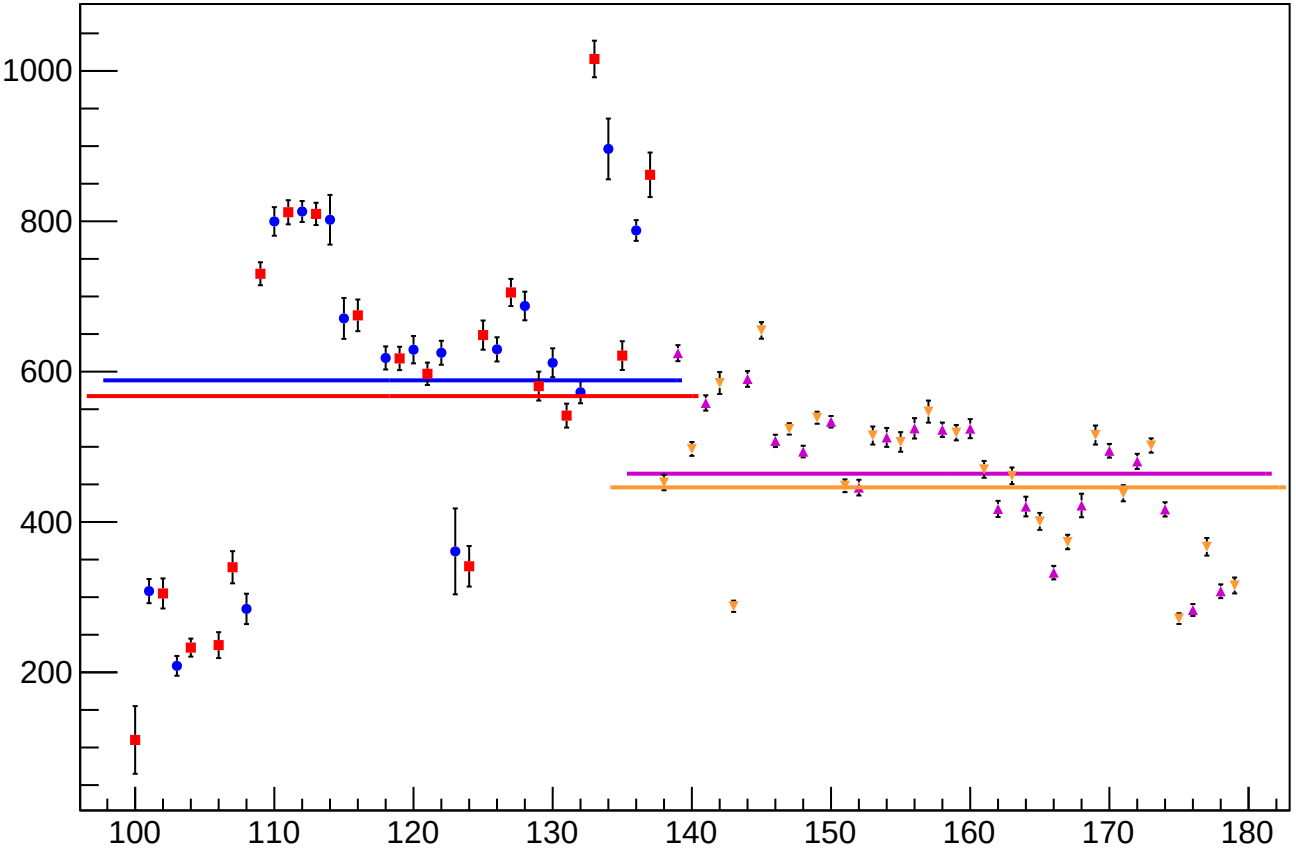
Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: -1.584+/-1.327 χ^2/NDF:664.5/36

Out: 0.227+/-1.259 χ^2/NDF:735.9/40

All: -0.631+/-0.914 χ^2/NDF: 1401.3/77

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: 446.062+/-2.121 χ^2/NDF:2261.9/21

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 464.266+/-2.201 χ^2/NDF:1791.1/19

Left: 454.823+/-1.527 χ^2/NDF: 4088.5/41

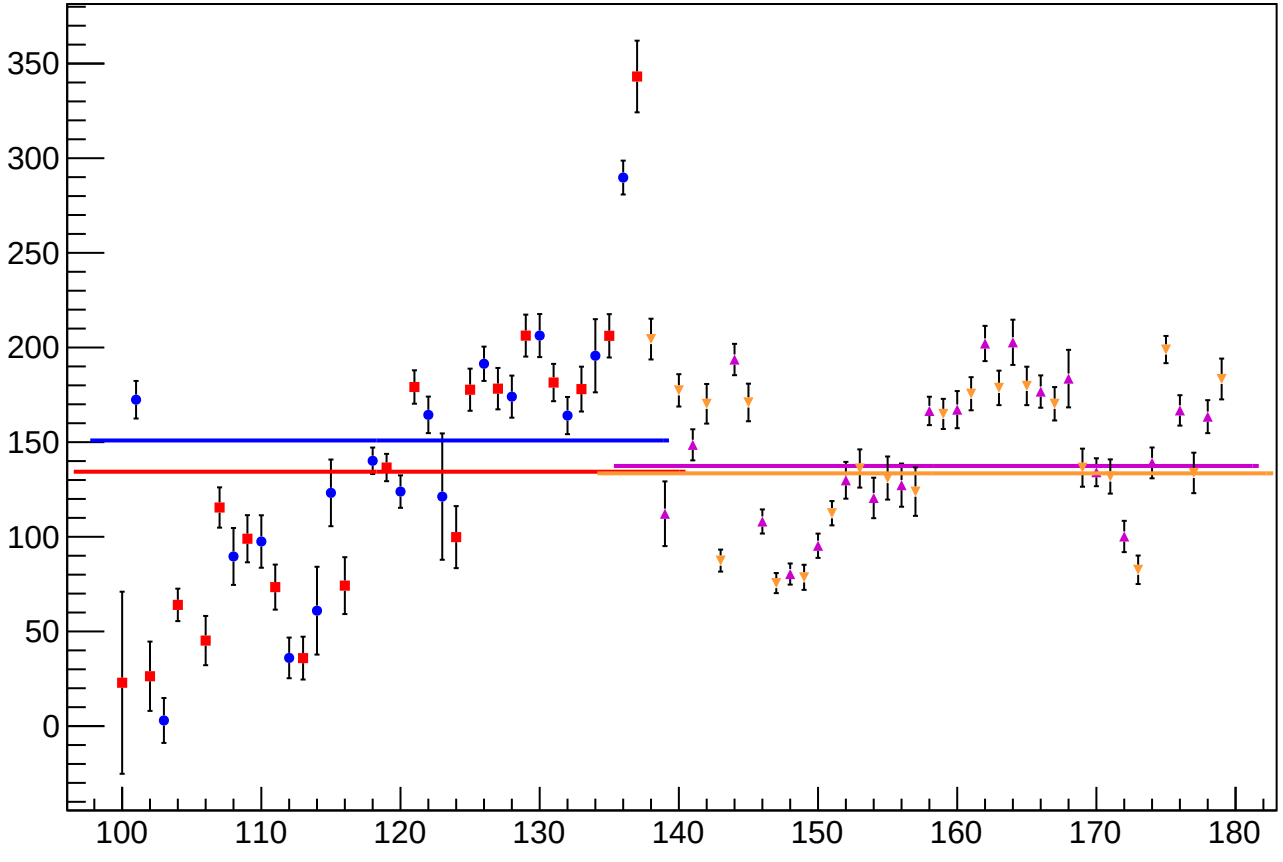
Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 489.858+/-1.962 χ^2/NDF:4576.9/36

Out: 471.321+/-1.887 χ^2/NDF:5728.6/40

All: 480.231+/-1.360 χ^2/NDF: 10351.9/77

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: 133.529+/-1.775 χ^2/NDF:610.4/21

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 137.423+/-1.881 χ^2/NDF:398.8/19

Left: 135.362+/-1.291 χ^2/NDF: 1011.4/41

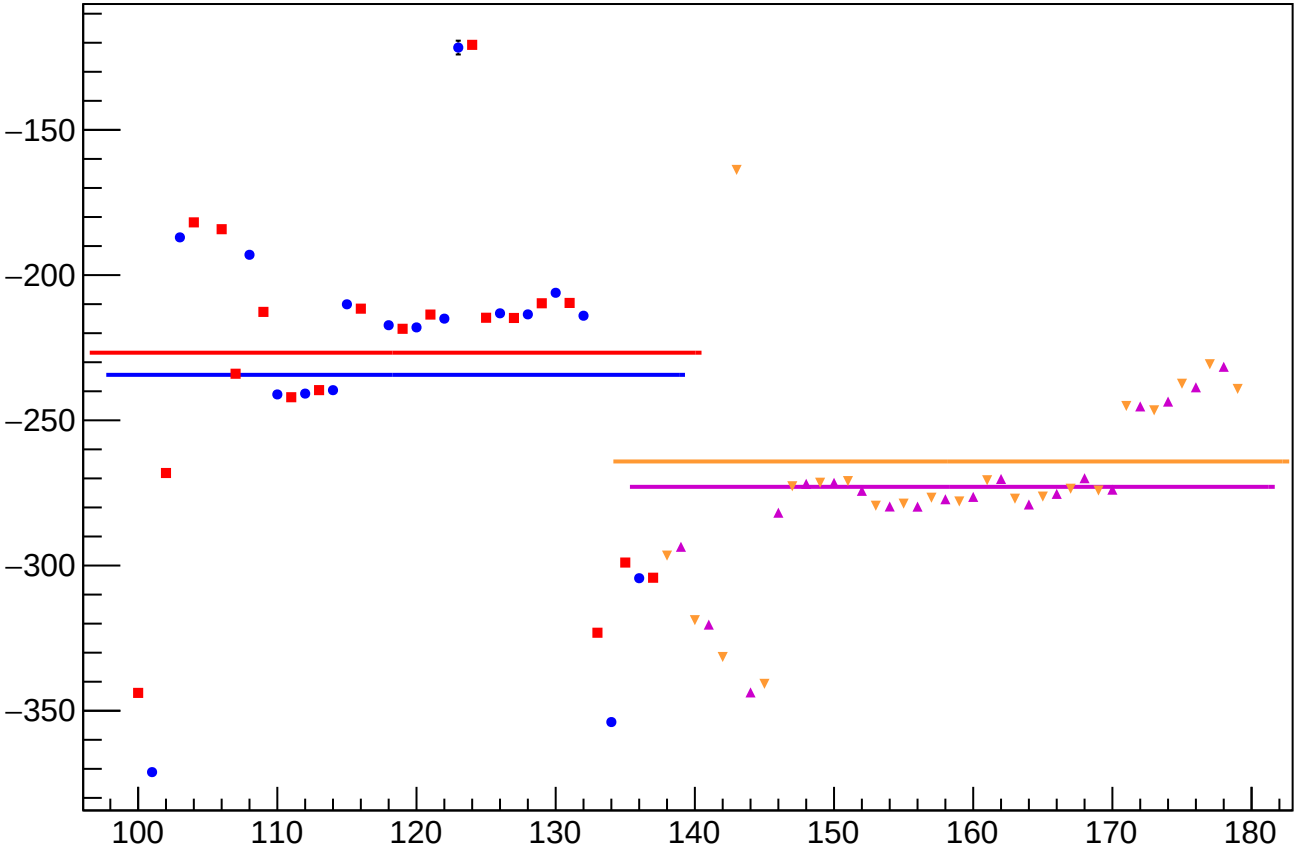
Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 141.883+/-1.539 χ^2/NDF:1050.6/36

Out: 133.797+/-1.469 χ^2/NDF:1195.3/40

All: 137.654+/-1.063 χ^2/NDF: 2260.3/77

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: -264.166+/-0.086 χ^2/NDF:207746.3/21

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -272.902+/-0.088 χ^2/NDF:73116.1/19

Left: -268.413+/-0.062 χ^2/NDF: 285894.1/41

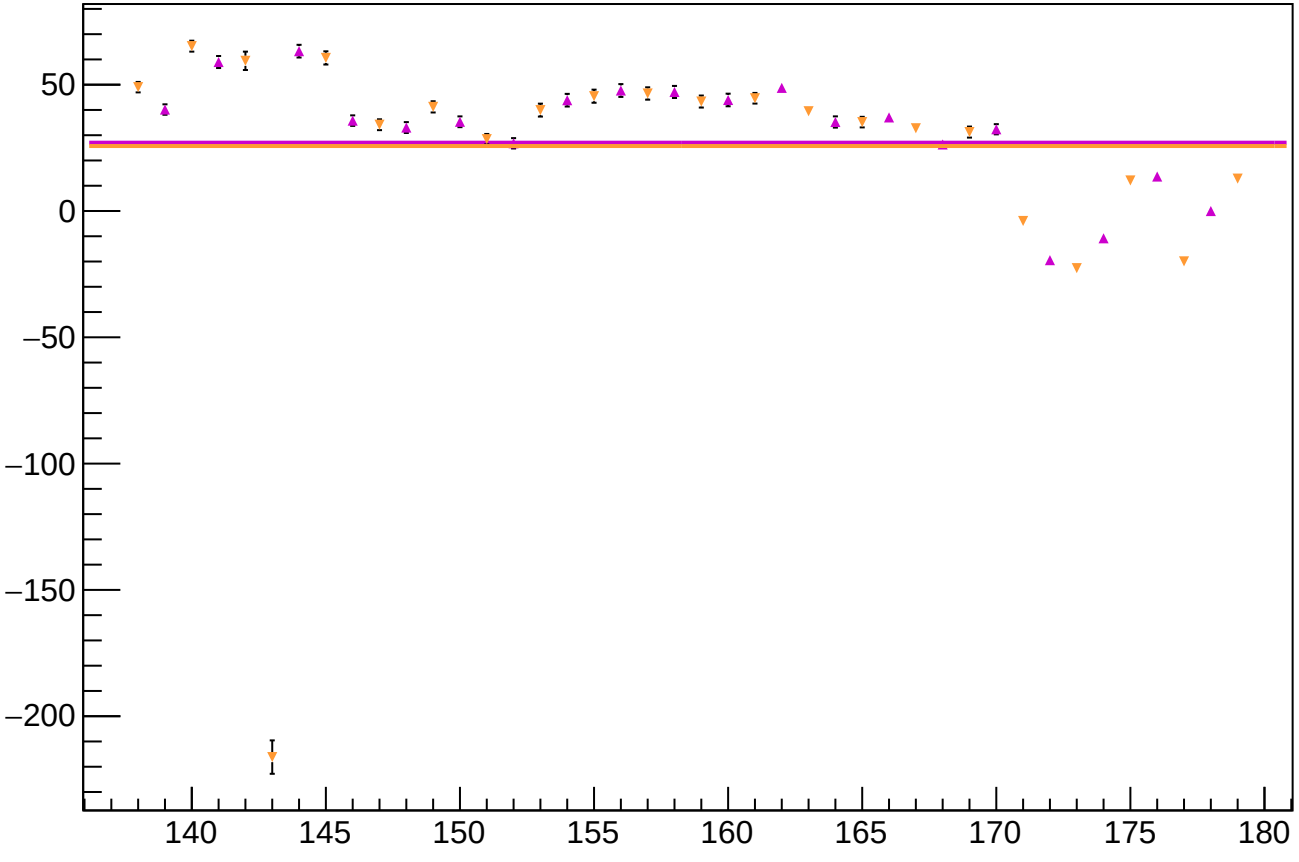
Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -262.813+/-0.076 χ^2/NDF:268197.3/36

Out: -254.067+/-0.073 χ^2/NDF:358470.5/40

All: -258.295+/-0.053 χ^2/NDF: 633533.5/77

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: 25.717+/-0.447 χ^2/NDF:4131.2/21

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

Left In: 27.046+/-0.453 χ^2/NDF:2343.0/19

Left: 26.373+/-0.318 χ^2/NDF: 6478.6/41

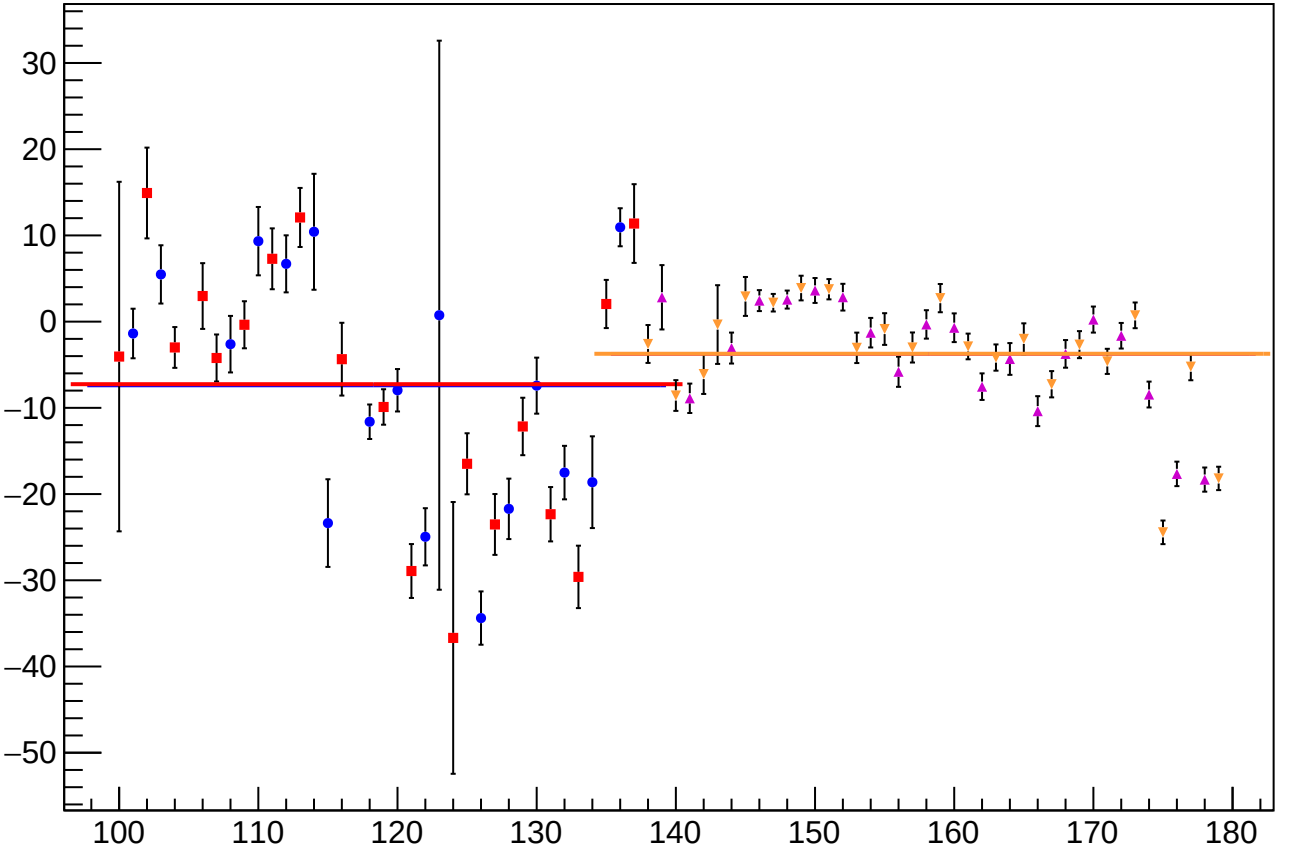
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 27.046+/-0.453 χ^2/NDF:2343.0/19

Out: 25.717+/-0.447 χ^2/NDF:4131.2/21

All: 26.373+/-0.318 χ^2/NDF: 6478.6/41

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: -3.729+/-0.336 χ^2/NDF:498.7/21

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -3.751+/-0.345 χ^2/NDF:373.6/19

Left: -3.740+/-0.241 χ^2/NDF: 872.3/41

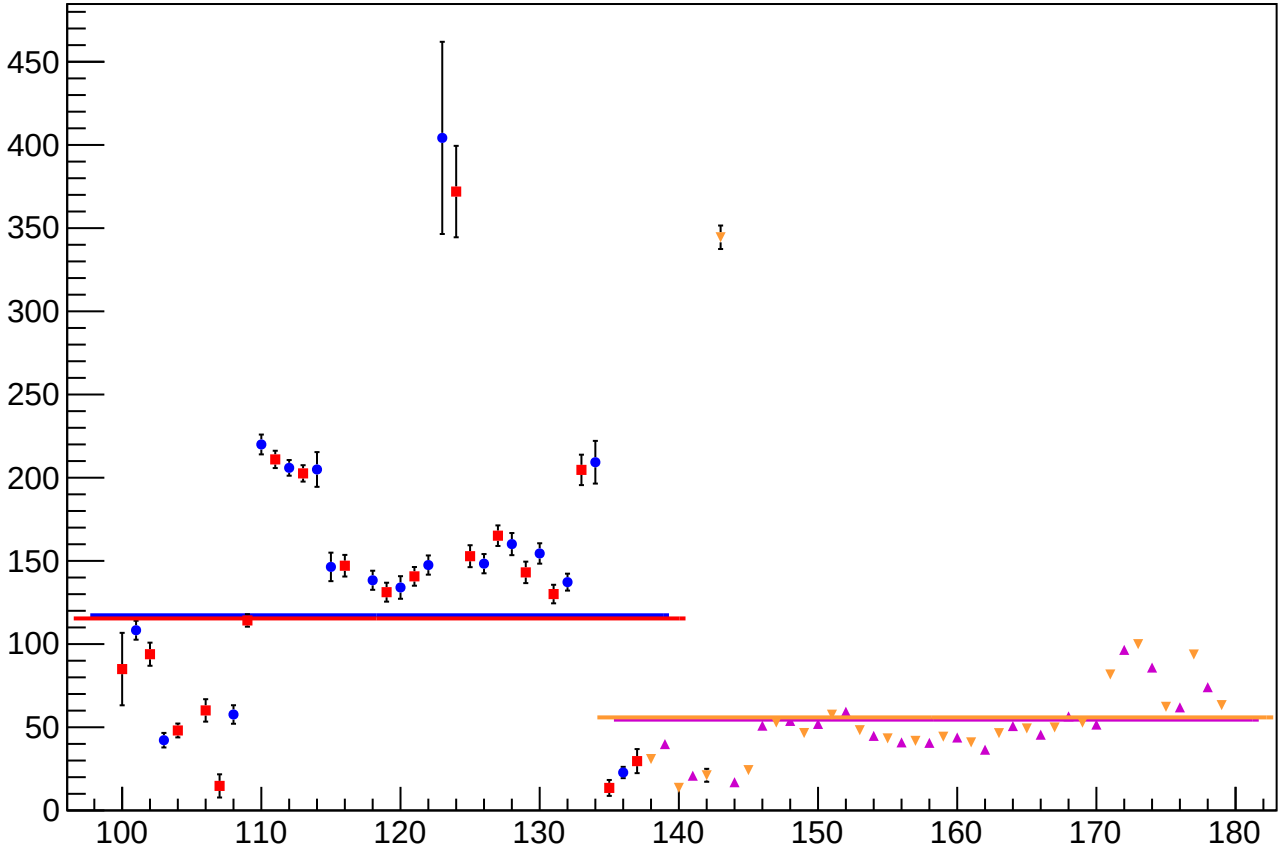
Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -4.348+/-0.316 χ^2/NDF:675.4/36

Out: -4.303+/-0.307 χ^2/NDF:773.9/40

All: -4.325+/-0.220 χ^2/NDF: 1449.3/77

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: 55.931+/-0.442 χ^2/NDF:3685.3/21

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 54.592+/-0.448 χ^2/NDF:1595.3/19

Left: 55.271+/-0.315 χ^2/NDF: 5285.1/41

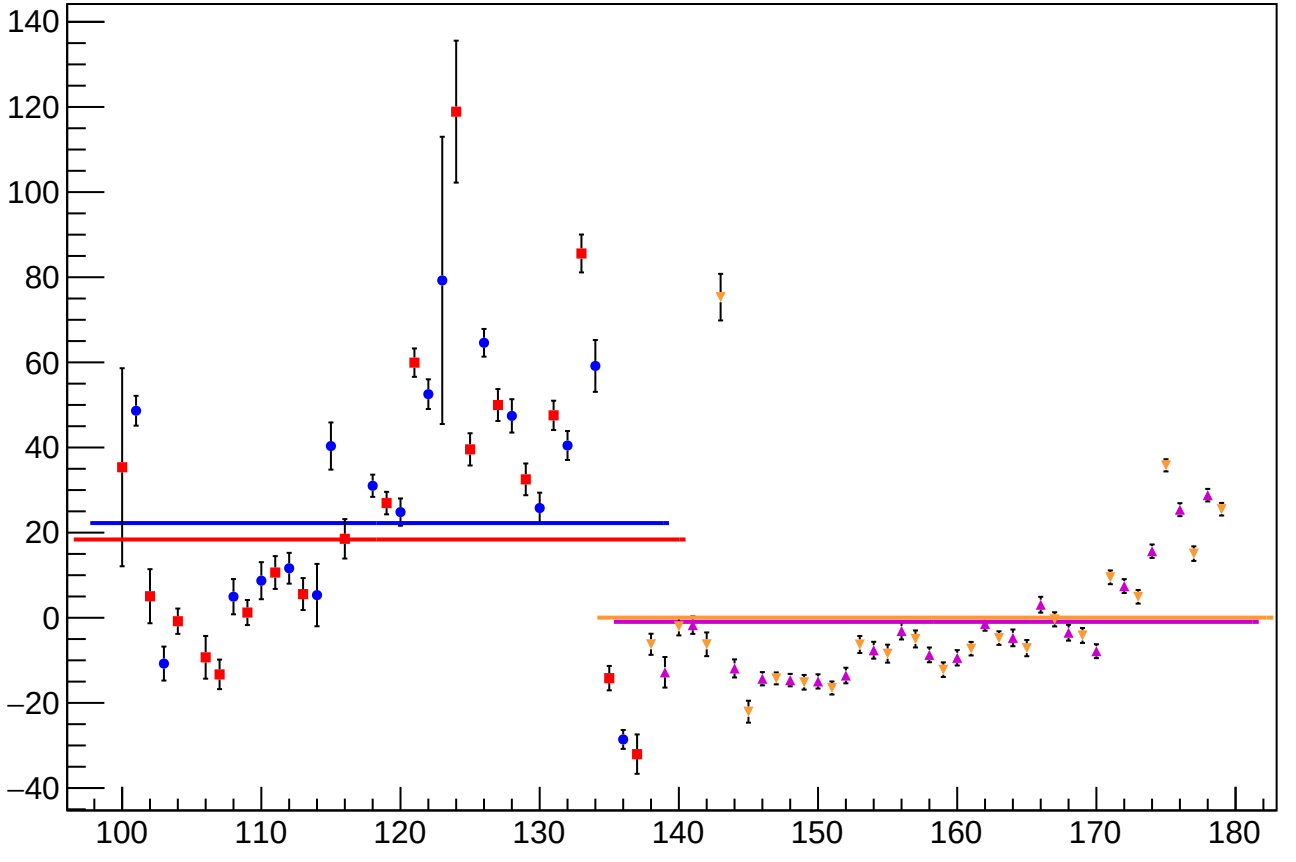
Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 60.363+/-0.427 χ^2/NDF:5556.2/36

Out: 61.606+/-0.420 χ^2/NDF:7564.2/40

All: 60.995+/-0.300 χ^2/NDF: 13124.7/77

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: 0.038+/-0.383 χ^2/NDF:1743.1/21

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -0.965+/-0.393 χ^2/NDF:1241.8/19

Left: -0.450+/-0.274 χ^2/NDF: 2988.2/41

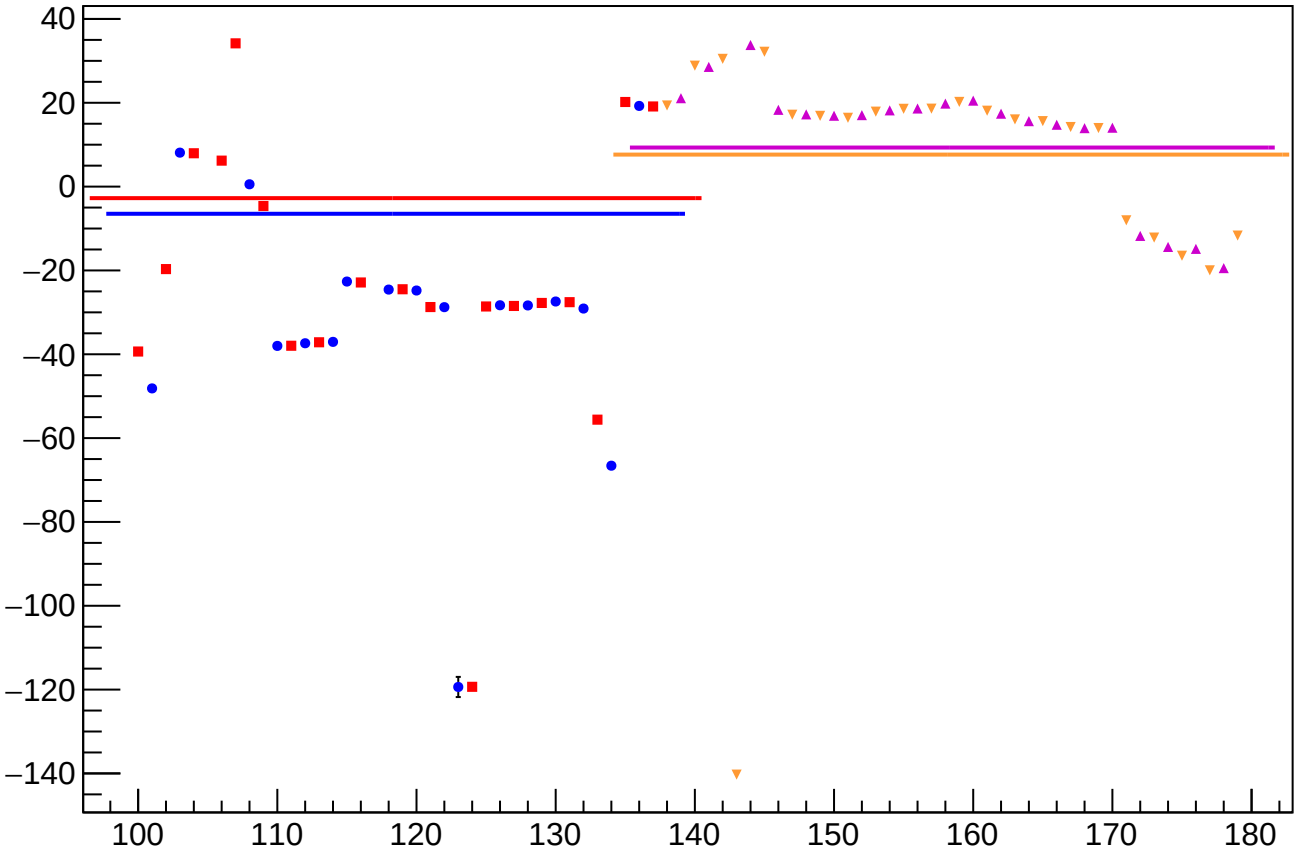
Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: 2.825+/-0.359 χ^2/NDF:2883.6/36

Out: 3.005+/-0.350 χ^2/NDF:3191.9/40

All: 2.917+/-0.251 χ^2/NDF: 6075.7/77

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: 7.638+/-0.018 χ^2/NDF:1049352.0/21

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 9.320+/-0.018 χ^2/NDF:739457.3/19

Left: 8.474+/-0.013 χ^2/NDF: 1793315.8/41

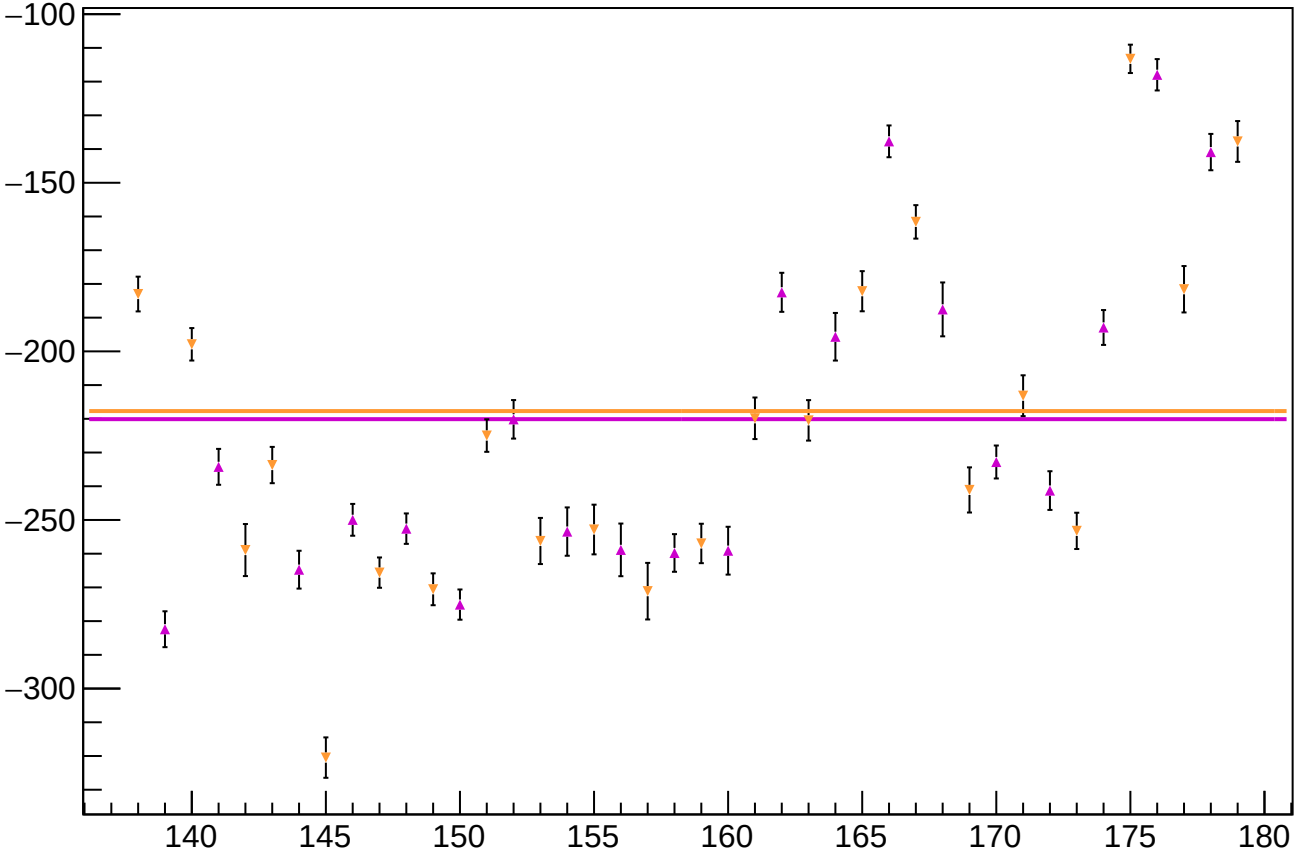
Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 7.282+/-0.017 χ^2/NDF:1107322.5/36

Out: 6.288+/-0.016 χ^2/NDF:1360650.7/40

All: 6.781+/-0.012 χ^2/NDF: 2469782.5/77

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -217.707+/-1.202 χ^2/NDF:1814.0/21

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

Left In: -220.105+/-1.226 χ^2/NDF:1699.6/19

Left: -218.882+/-0.858 χ^2/NDF: 3515.6/41

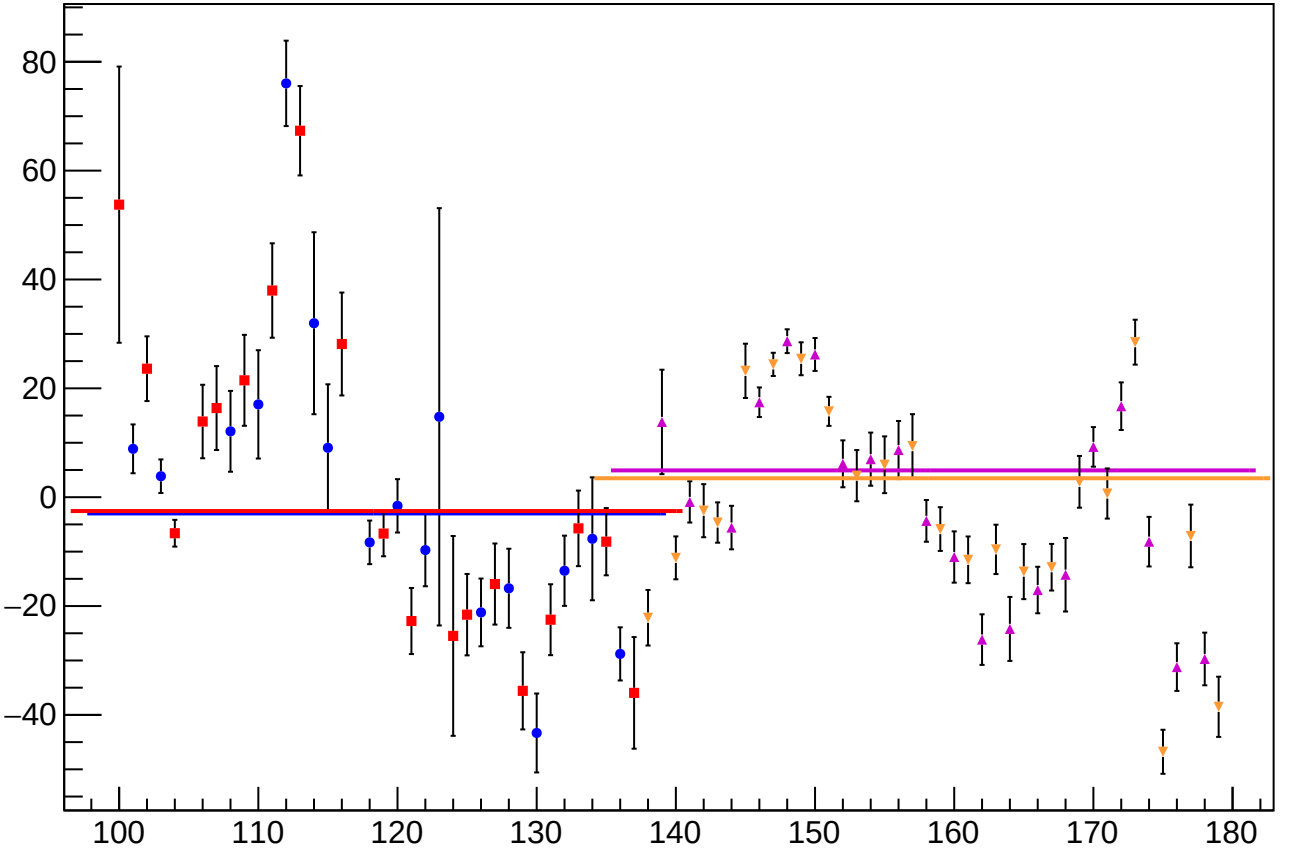
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -220.105+/-1.226 χ^2/NDF:1699.6/19

Out: -217.707+/-1.202 χ^2/NDF:1814.0/21

All: -218.882+/-0.858 χ^2/NDF: 3515.6/41

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: 3.480+/-0.854 χ^2/NDF:537.1/21

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 4.924+/-0.890 χ^2/NDF:457.2/19

Left: 4.172+/-0.616 χ^2/NDF: 995.7/41

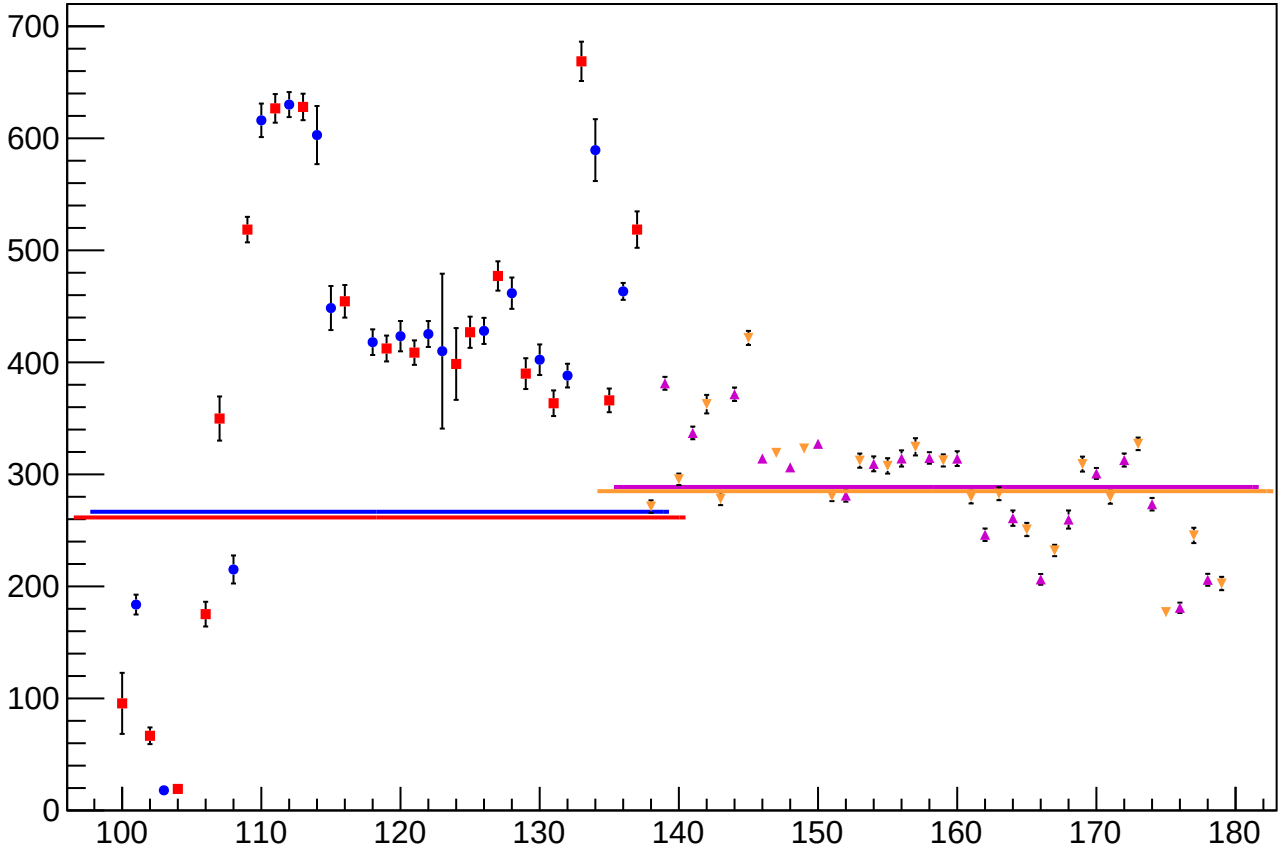
Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: 2.764+/-0.758 χ^2/NDF:682.7/36

Out: 1.843+/-0.729 χ^2/NDF:768.7/40

All: 2.285+/-0.525 χ^2/NDF: 1452.2/77

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: 285.012+/-1.190 χ^2/NDF:1895.5/21

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 288.770+/-1.209 χ^2/NDF:1921.3/19

Left: 286.861+/-0.848 χ^2/NDF: 3821.6/41

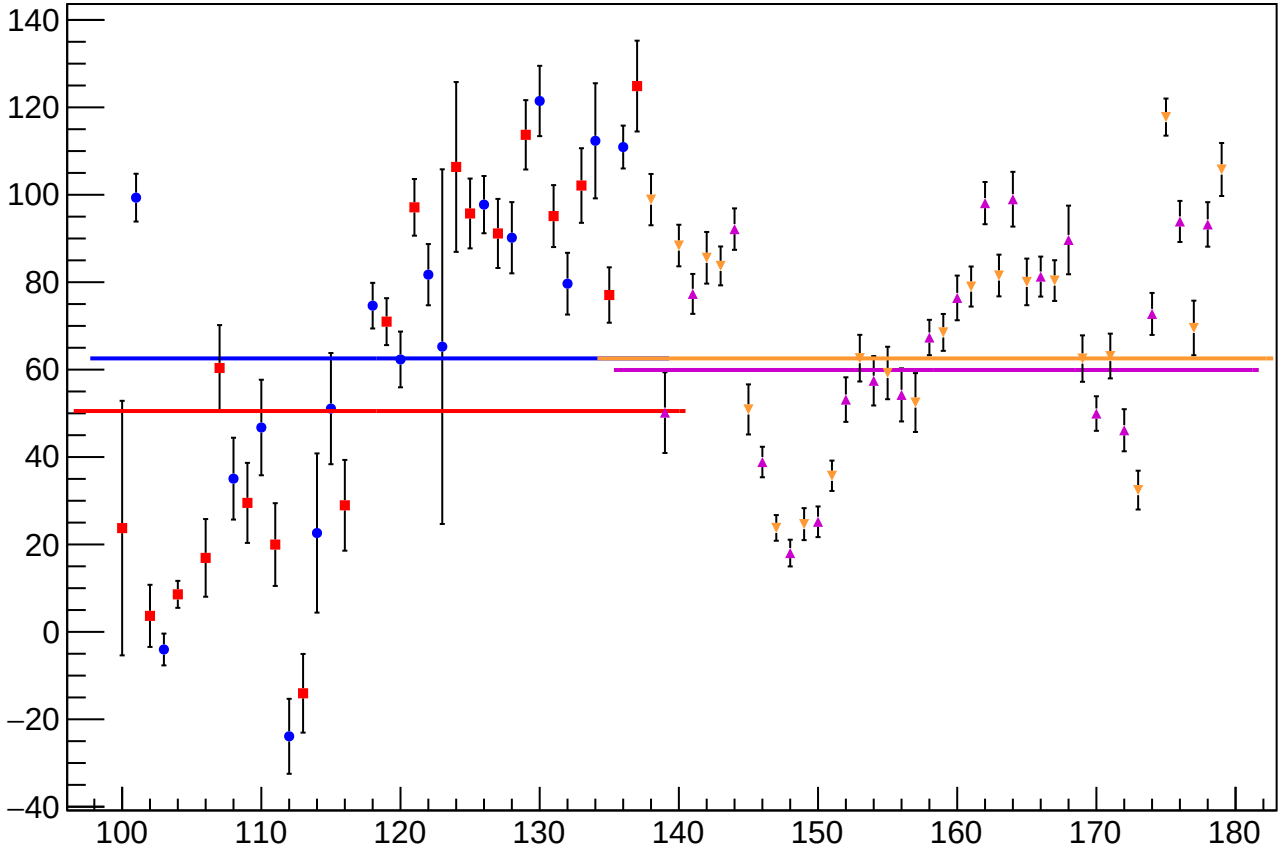
Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 284.508+/-1.087 χ^2/NDF:9648.5/36

Out: 280.555+/-1.071 χ^2/NDF:10177.5/40

All: 282.503+/-0.763 χ^2/NDF: 19832.7/77

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: 62.564+/-0.998 χ^2/NDF:777.1/21

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 59.918+/-1.033 χ^2/NDF:654.7/19

Left: 61.286+/-0.718 χ^2/NDF: 1435.3/41

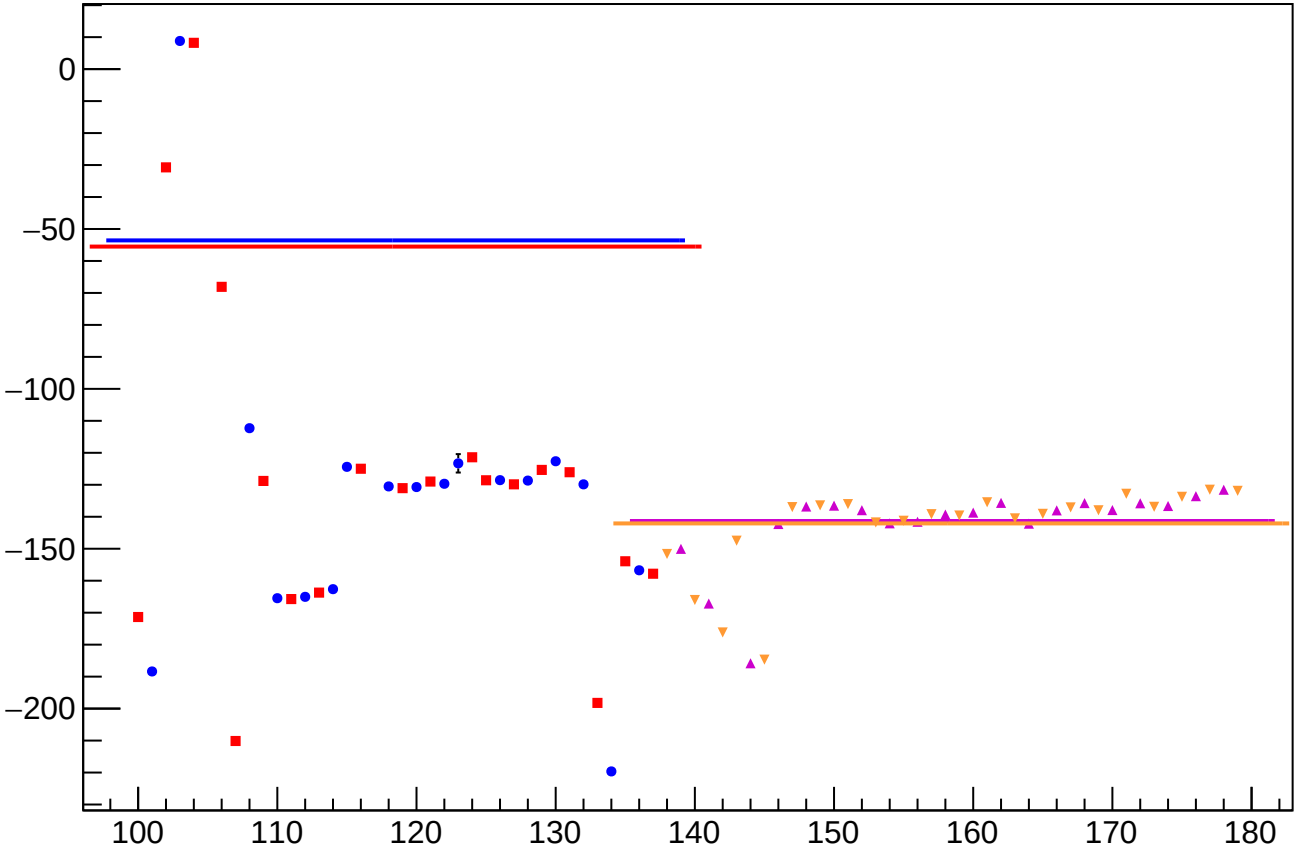
Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 60.645+/-0.880 χ^2/NDF:1379.0/36

Out: 59.319+/-0.853 χ^2/NDF:1473.3/40

All: 59.962+/-0.612 χ^2/NDF: 2853.5/77

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567+/-0.070 χ^2/NDF: 1230233.3/16

Left Out: -142.087+/-0.048 χ^2/NDF:65541.2/21

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -141.335+/-0.048 χ^2/NDF:50787.2/19

Left: -141.713+/-0.034 χ^2/NDF: 116449.8/41

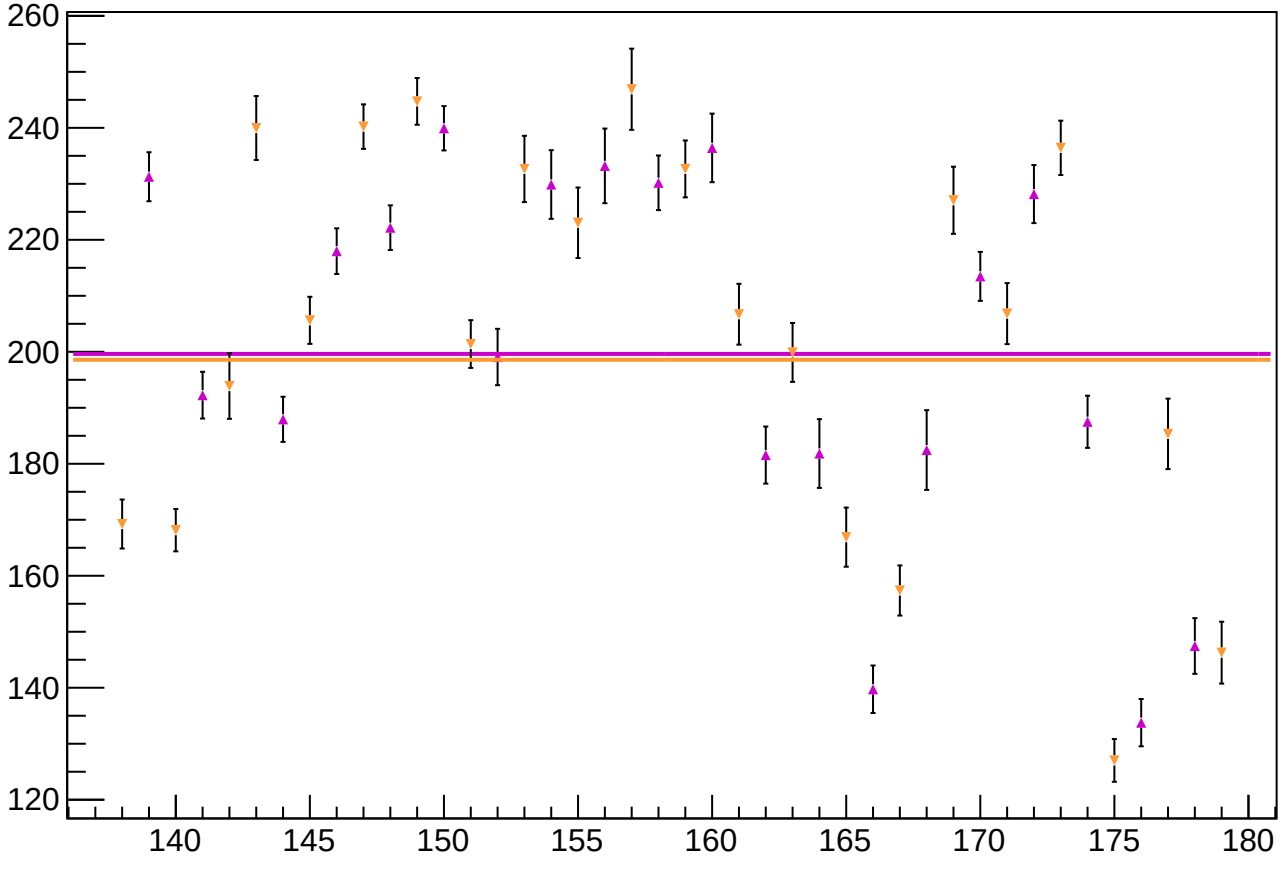
Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -113.119+/-0.040 χ^2/NDF:2339408.3/36

Out: -115.354+/-0.040 χ^2/NDF:2037434.6/40

All: -114.233+/-0.028 χ^2/NDF: 4378412.2/77

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 198.578+/-1.047 χ^2/NDF:1190.0/21

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

Left In: 199.622+/-1.061 χ^2/NDF:971.6/19

Left: 199.093+/-0.745 χ^2/NDF: 2162.2/41

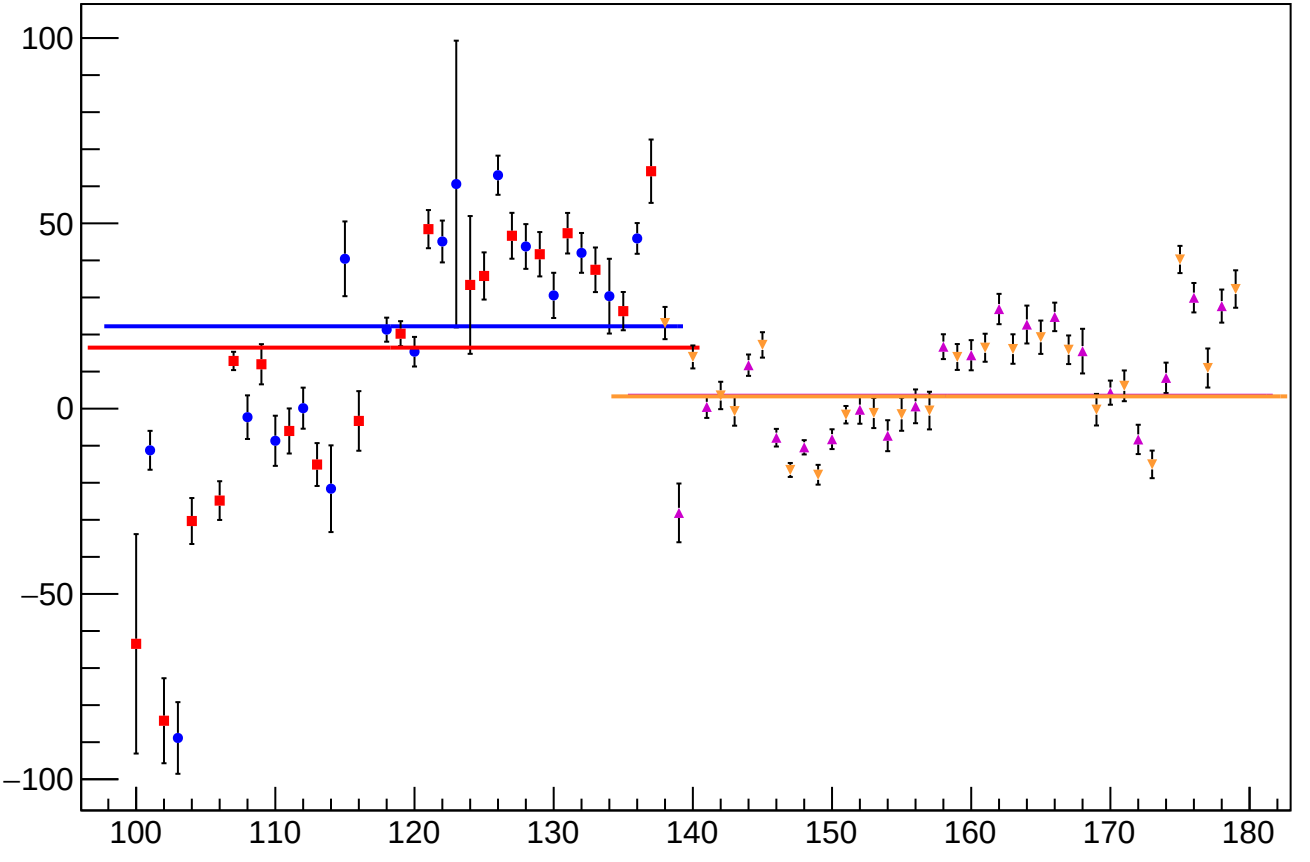
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 199.622+/-1.061 χ^2/NDF:971.6/19

Out: 198.578+/-1.047 χ^2/NDF:1190.0/21

All: 199.093+/-0.745 χ^2/NDF: 2162.2/41

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: 3.310+/-0.746 χ^2/NDF:447.5/21

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: 3.483+/-0.771 χ^2/NDF:315.3/19

Left: 3.394+/-0.536 χ^2/NDF: 762.8/41

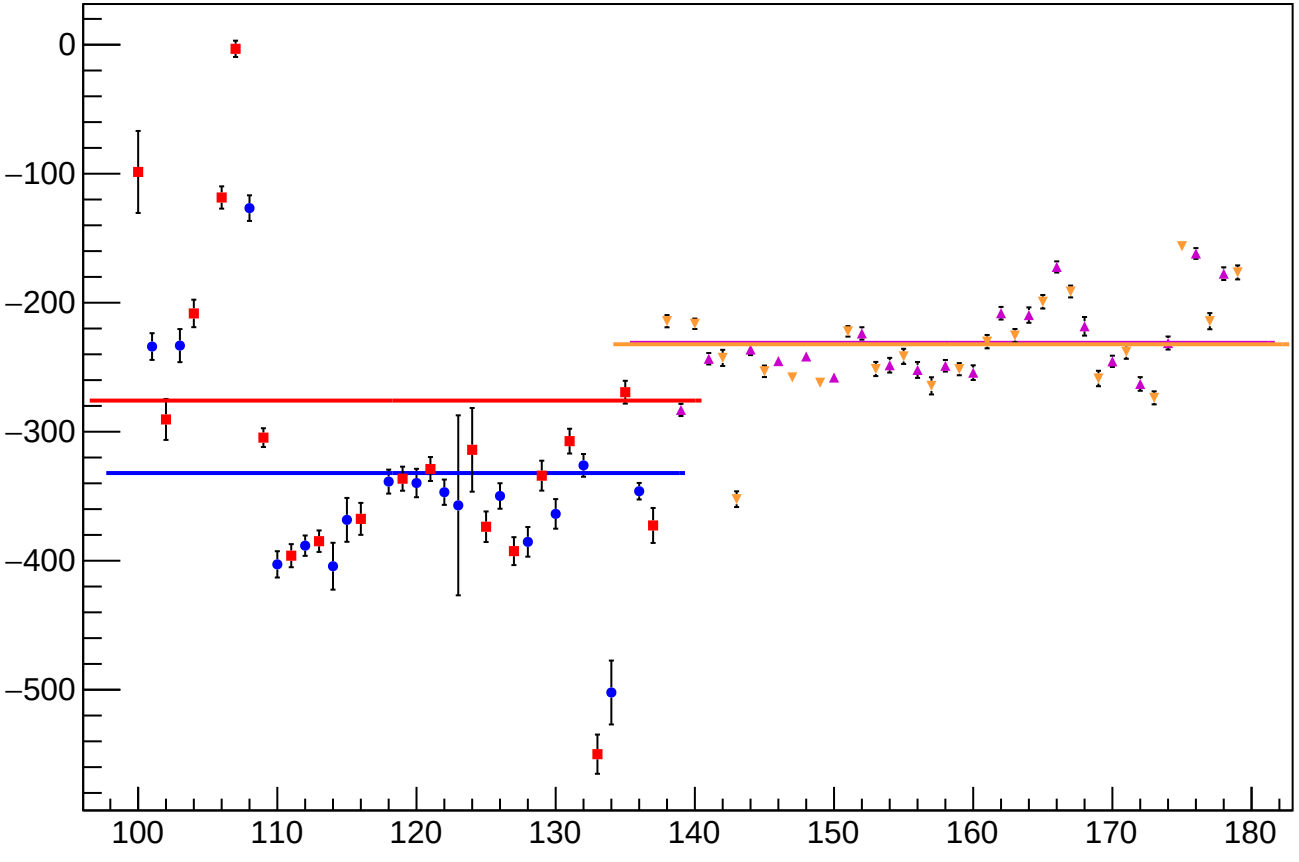
Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 7.969+/-0.672 χ^2/NDF:842.4/36

Out: 6.849+/-0.638 χ^2/NDF:957.1/40

All: 7.380+/-0.463 χ^2/NDF: 1800.9/77

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: -232.228+/-1.039 χ^2/NDF:1330.3/21

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -231.100+/-1.050 χ^2/NDF:922.3/19

Left: -231.670+/-0.739 χ^2/NDF: 2253.2/41

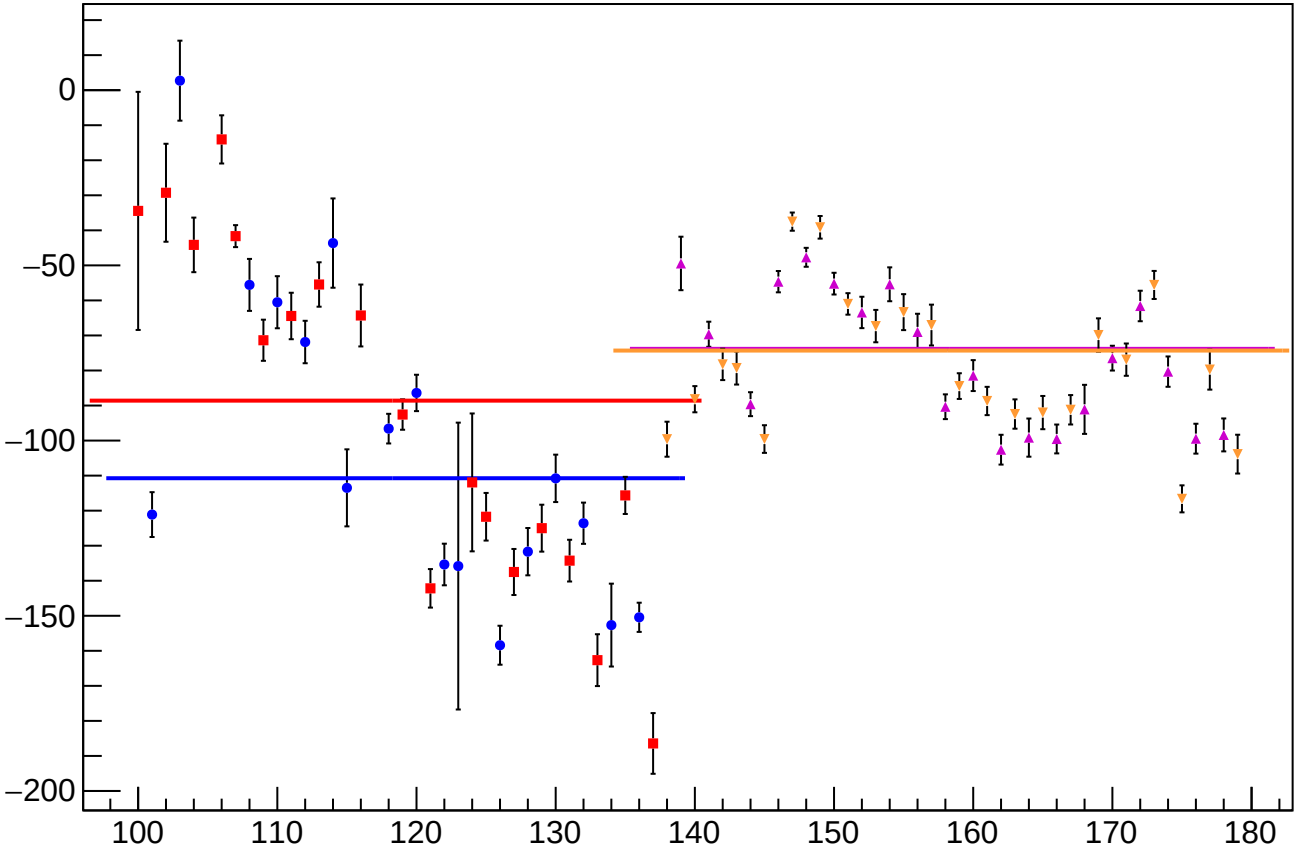
Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -245.610+/-0.971 χ^2/NDF:3036.3/36

Out: -239.497+/-0.949 χ^2/NDF:4986.7/40

All: -242.481+/-0.679 χ^2/NDF: 8043.3/77

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: -74.311+/-0.873 χ^2/NDF:671.1/21

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -73.822+/-0.896 χ^2/NDF:434.6/19

Left: -74.073+/-0.625 χ^2/NDF: 1105.8/41

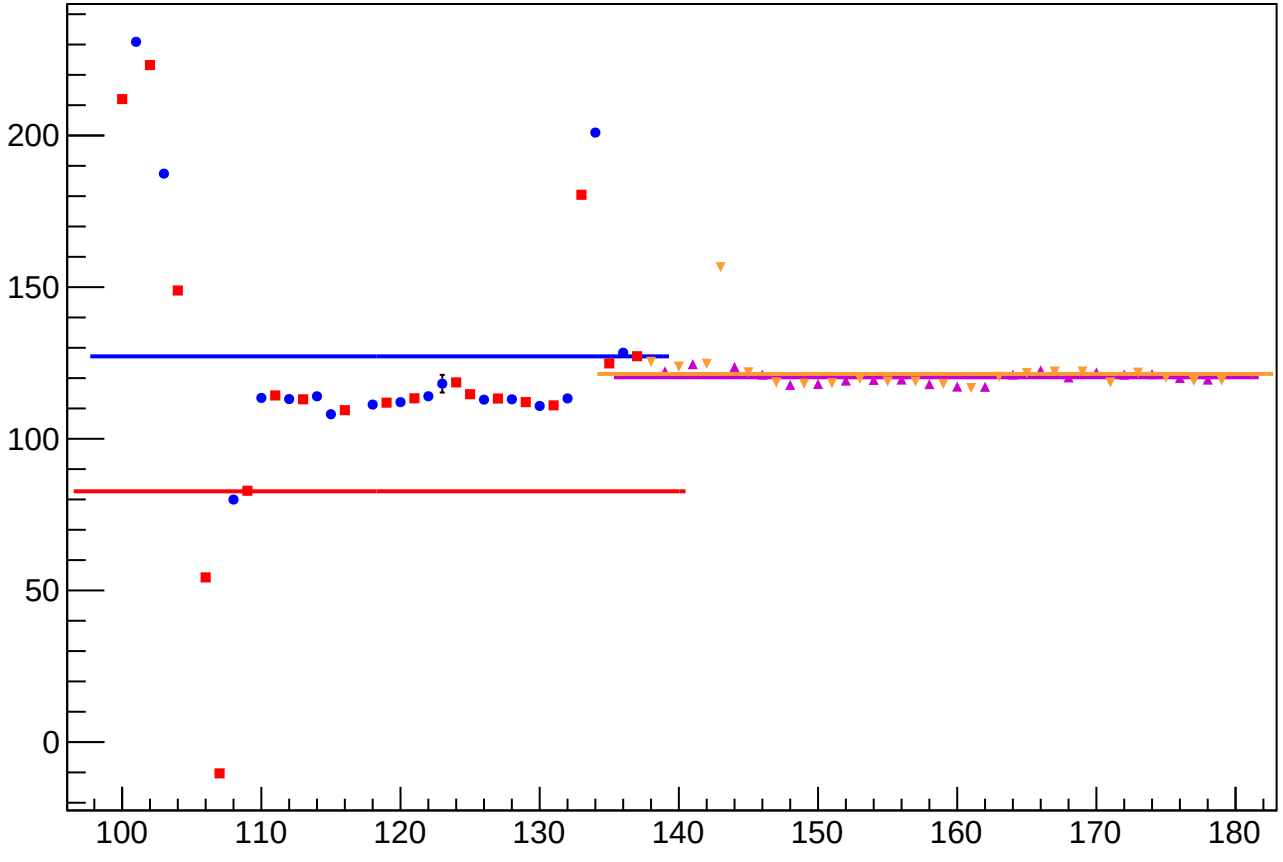
Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -82.825+/-0.779 χ^2/NDF:1362.2/36

Out: -78.170+/-0.745 χ^2/NDF:1713.3/40

All: -80.395+/-0.539 χ^2/NDF: 3094.1/77

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: 121.387+/-0.042 χ^2/NDF:24164.7/21

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 120.288+/-0.042 χ^2/NDF:2571.8/19

Left: 120.838+/-0.030 χ^2/NDF: 27079.8/41

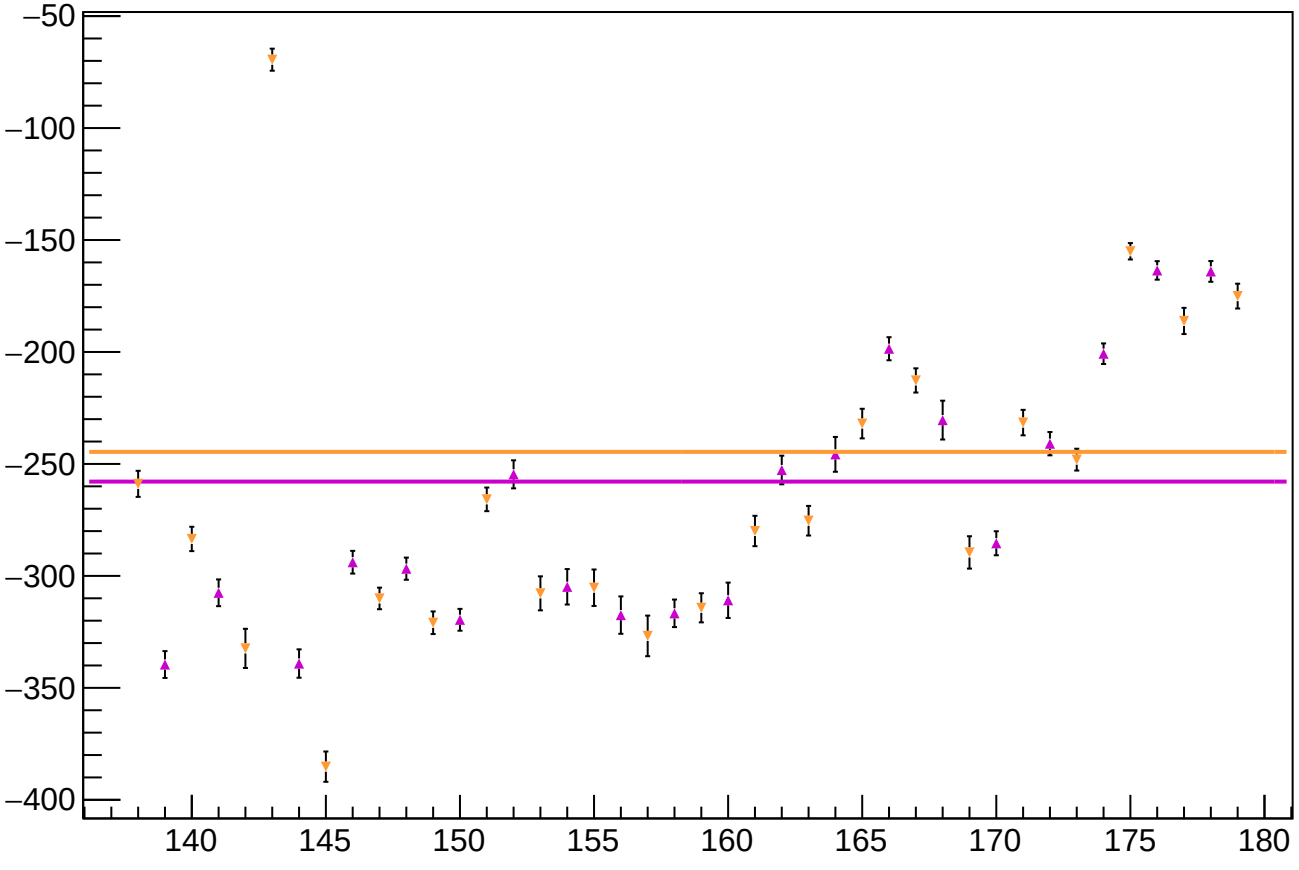
Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 121.541+/-0.038 χ^2/NDF:195525.9/36

Out: 112.235+/-0.037 χ^2/NDF:991587.0/40

All: 116.720+/-0.026 χ^2/NDF: 1218246.5/77

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: -244.616+/-1.234 χ^2/NDF:3593.0/21

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

Left In: -257.888+/-1.273 χ^2/NDF:2182.8/19

Left: -251.047+/-0.886 χ^2/NDF: 5831.8/41

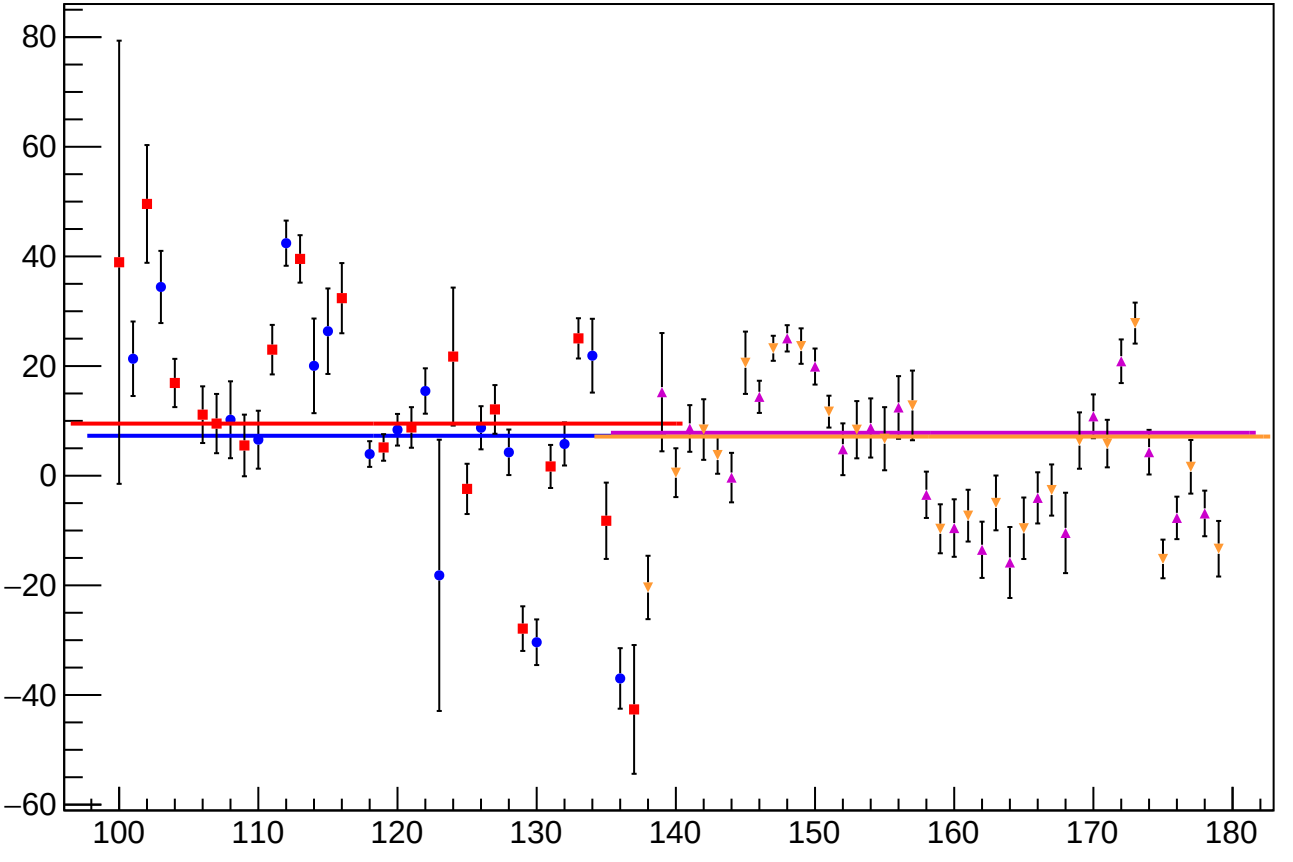
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -257.888+/-1.273 χ^2/NDF:2182.8/19

Out: -244.616+/-1.234 χ^2/NDF:3593.0/21

All: -251.047+/-0.886 χ^2/NDF: 5831.8/41

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: 7.141+/-0.890 χ^2/NDF:241.6/21

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 7.827+/-0.939 χ^2/NDF:177.0/19

Left: 7.466+/-0.646 χ^2/NDF: 418.9/41

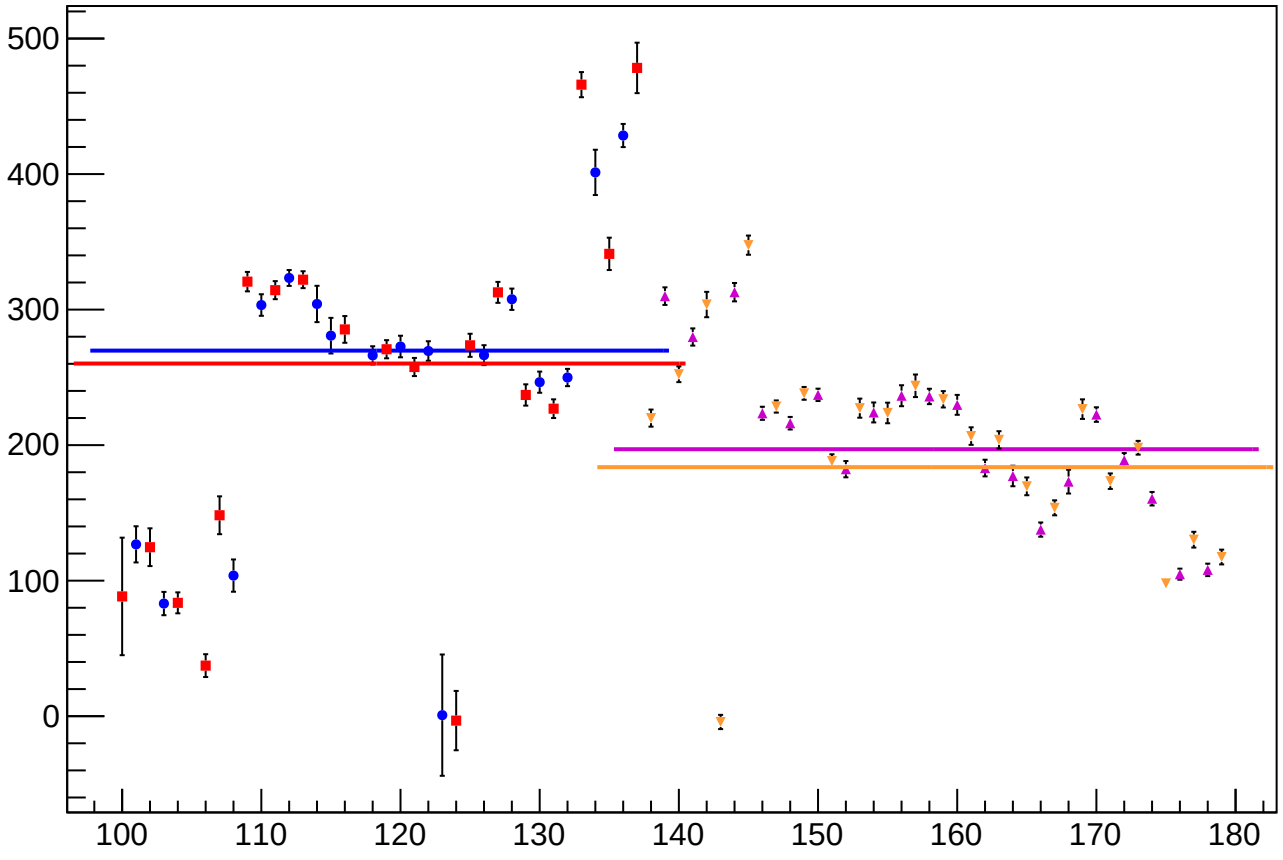
Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 7.594+/-0.710 χ^2/NDF:438.2/36

Out: 8.103+/-0.685 χ^2/NDF:476.0/40

All: 7.857+/-0.493 χ^2/NDF: 914.4/77

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: 183.744+/-1.225 χ^2/NDF:3456.9/21

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 196.982+/-1.260 χ^2/NDF:2110.7/19

Left: 190.179+/-0.878 χ^2/NDF: 5624.4/41

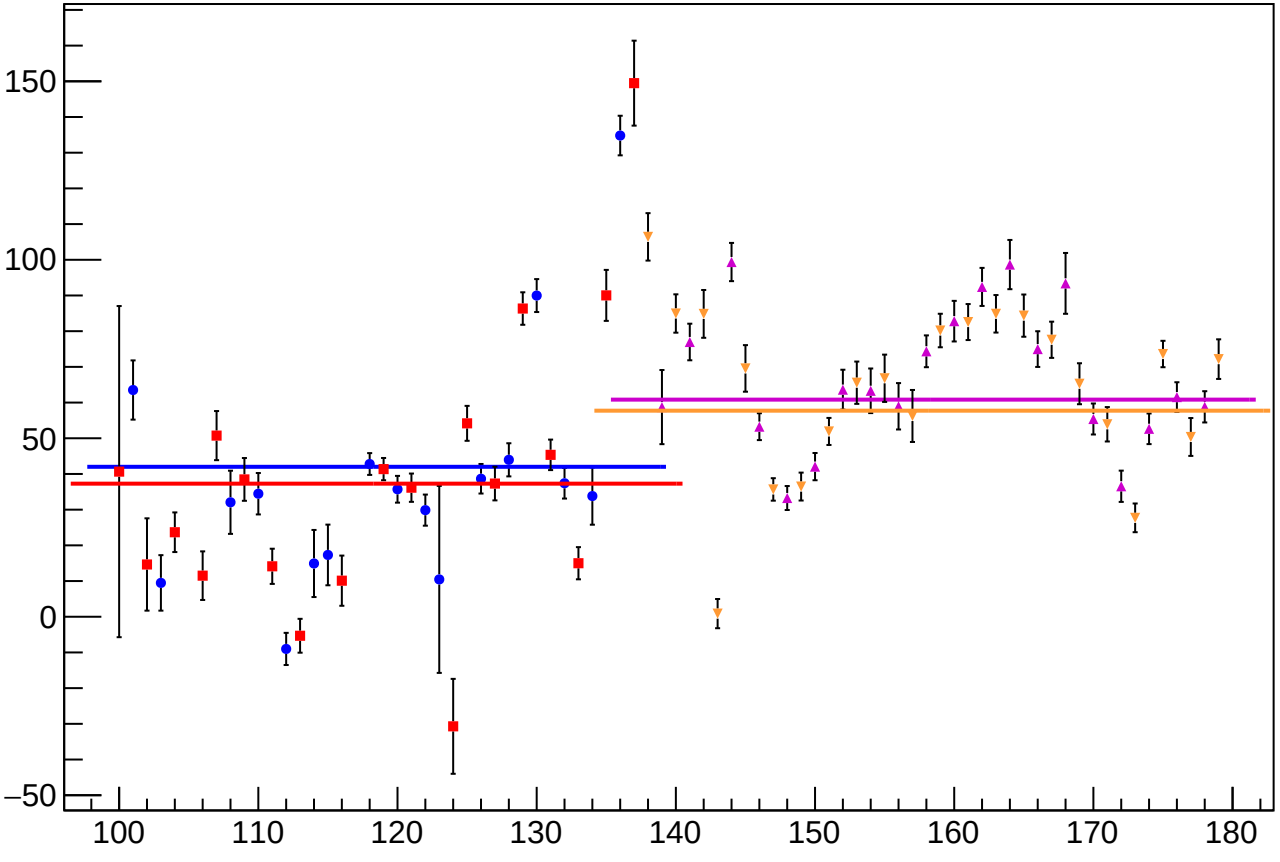
Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 216.625+/-1.076 χ^2/NDF:4385.7/36

Out: 204.944+/-1.041 χ^2/NDF:7078.7/40

All: 210.593+/-0.748 χ^2/NDF: 11525.2/77

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006+/-1.255 χ^2/NDF: 575.6/16

Left Out: 57.729+/-1.035 χ^2/NDF:571.5/21

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 60.824+/-1.083 χ^2/NDF:306.0/19

Left: 59.206+/-0.748 χ^2/NDF: 881.7/41

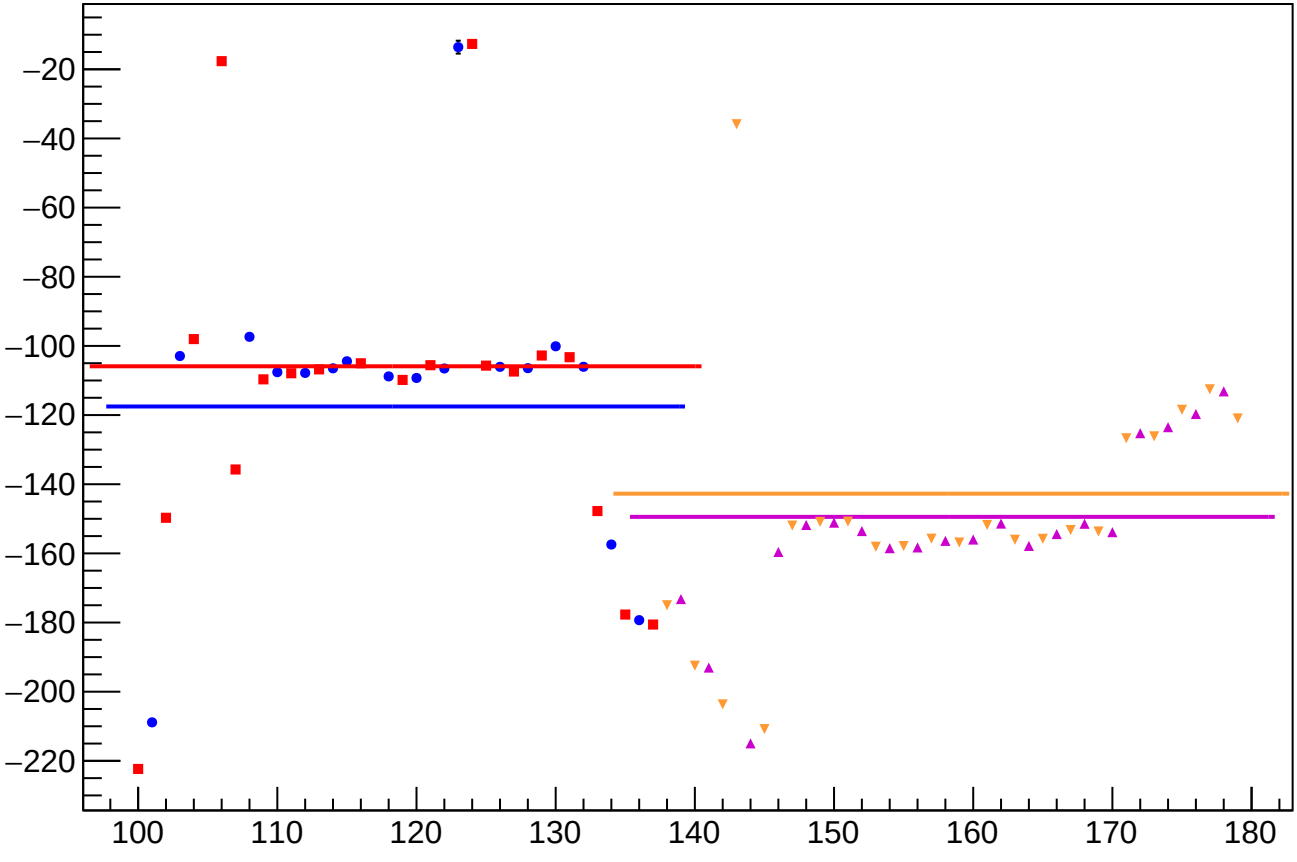
Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 52.793+/-0.820 χ^2/NDF:1010.3/36

Out: 49.311+/-0.794 χ^2/NDF:1204.8/40

All: 50.995+/-0.570 χ^2/NDF: 2224.4/77

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: -142.730+/-0.050 χ^2/NDF:485192.1/21

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -149.434+/-0.051 χ^2/NDF:187256.3/19

Left: -146.022+/-0.035 χ^2/NDF: 681399.6/41

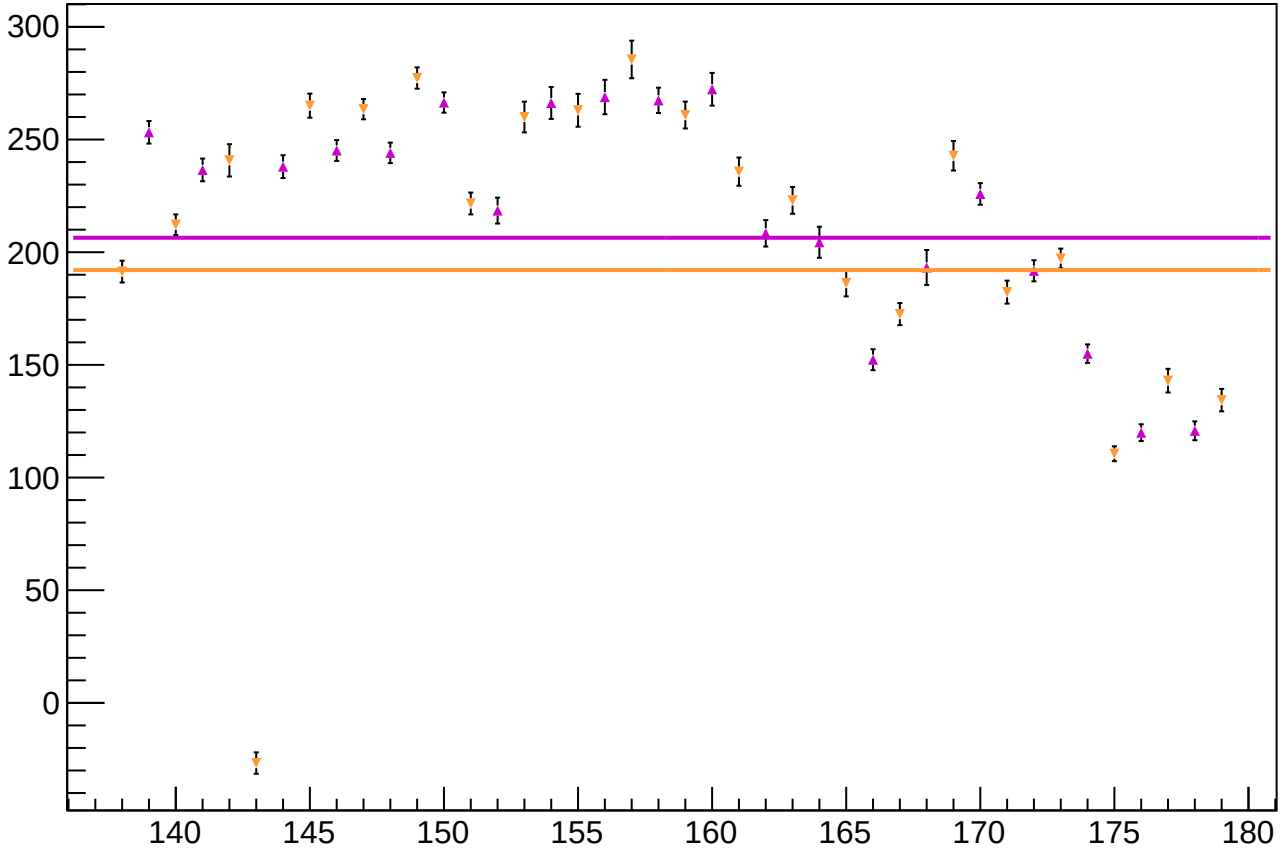
Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -139.993+/-0.042 χ^2/NDF:447187.7/36

Out: -131.034+/-0.041 χ^2/NDF:984256.8/40

All: -135.363+/-0.029 χ^2/NDF: 1454491.3/77

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: 192.066+/-1.108 χ^2/NDF:4420.5/21

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

Left In: 206.407+/-1.139 χ^2/NDF:2097.9/19

Left: 199.040+/-0.794 χ^2/NDF: 6599.8/41

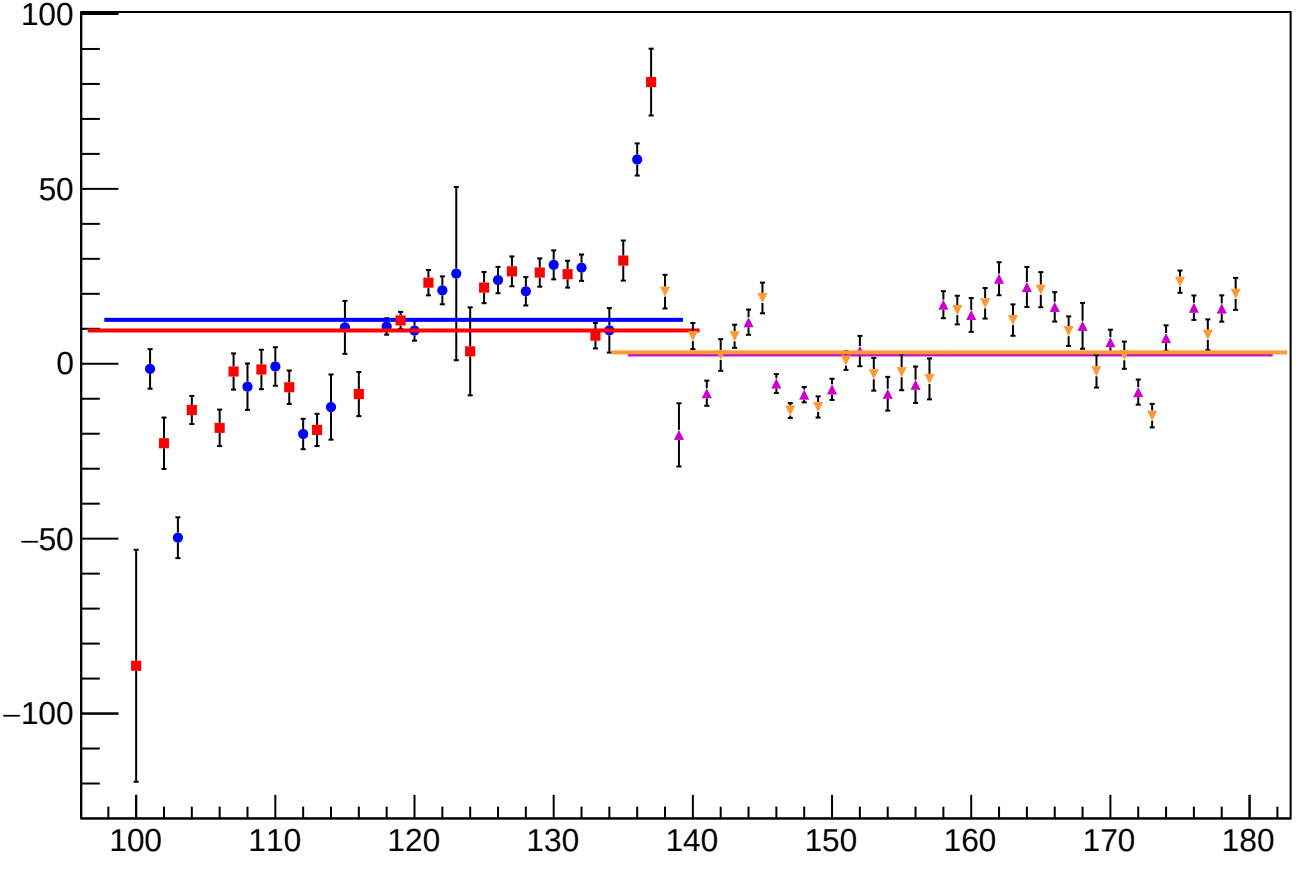
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 206.407+/-1.139 χ^2/NDF:2097.9/19

Out: 192.066+/-1.108 χ^2/NDF:4420.5/21

All: 199.040+/-0.794 χ^2/NDF: 6599.8/41

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: 3.252+/-0.805 χ^2/NDF:245.2/21

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: 2.675+/-0.845 χ^2/NDF:179.9/19

Left: 2.978+/-0.583 χ^2/NDF: 425.4/41

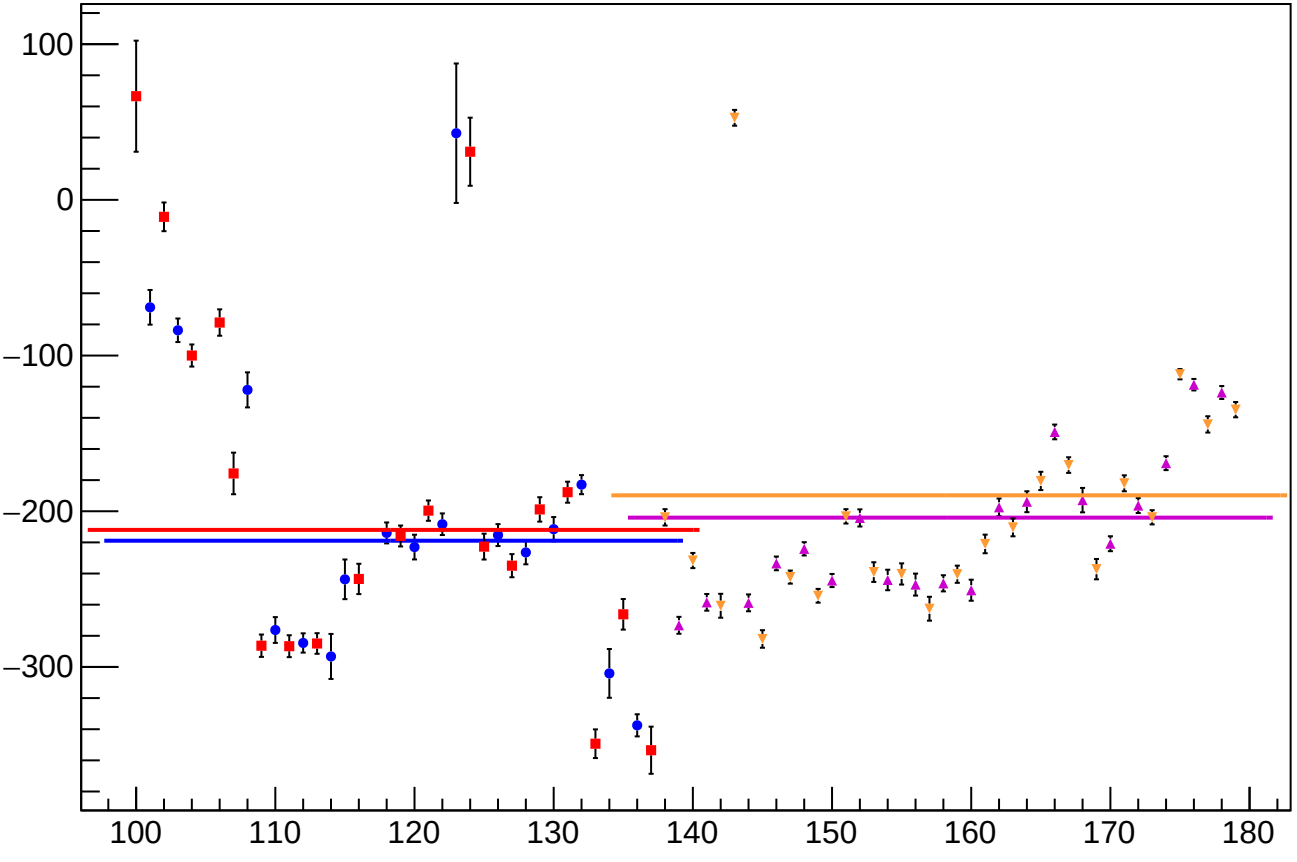
Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 6.538+/-0.660 χ^2/NDF:581.1/36

Out: 5.570+/-0.639 χ^2/NDF:563.9/40

All: 6.039+/-0.459 χ^2/NDF: 1146.1/77

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: -189.770+/-1.103 χ^2/NDF:4261.6/21

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -204.099+/-1.130 χ^2/NDF:1840.1/19

Left: -196.759+/-0.789 χ^2/NDF: 6184.1/41

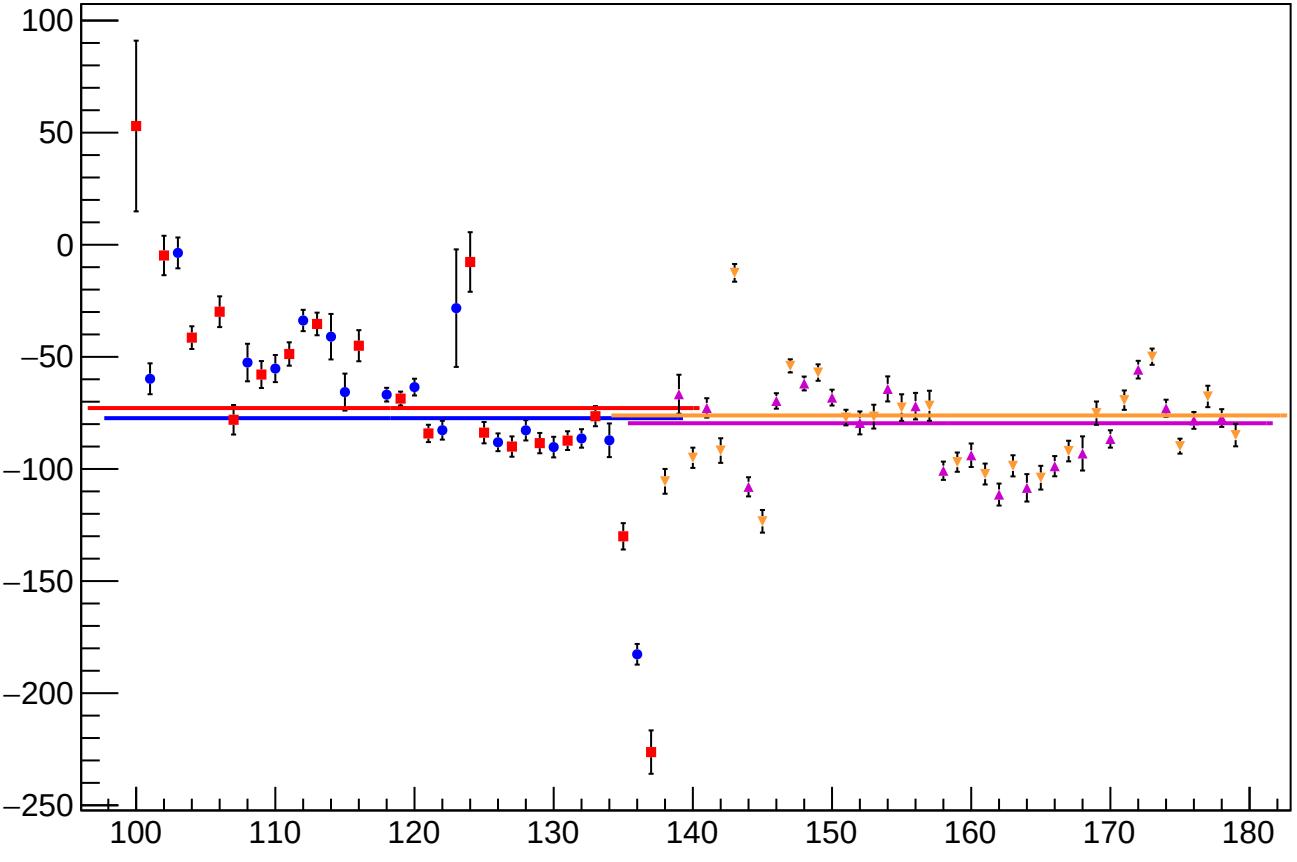
Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -207.670+/-0.985 χ^2/NDF:3028.2/36

Out: -195.257+/-0.957 χ^2/NDF:6248.0/40

All: -201.286+/-0.686 χ^2/NDF: 9357.9/77

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342+/-1.219 χ^2/NDF: 817.2/16

Left Out: -76.122+/-0.935 χ^2/NDF:679.8/21

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -79.605+/-0.974 χ^2/NDF:272.9/19

Left: -77.791+/-0.674 χ^2/NDF: 959.4/41

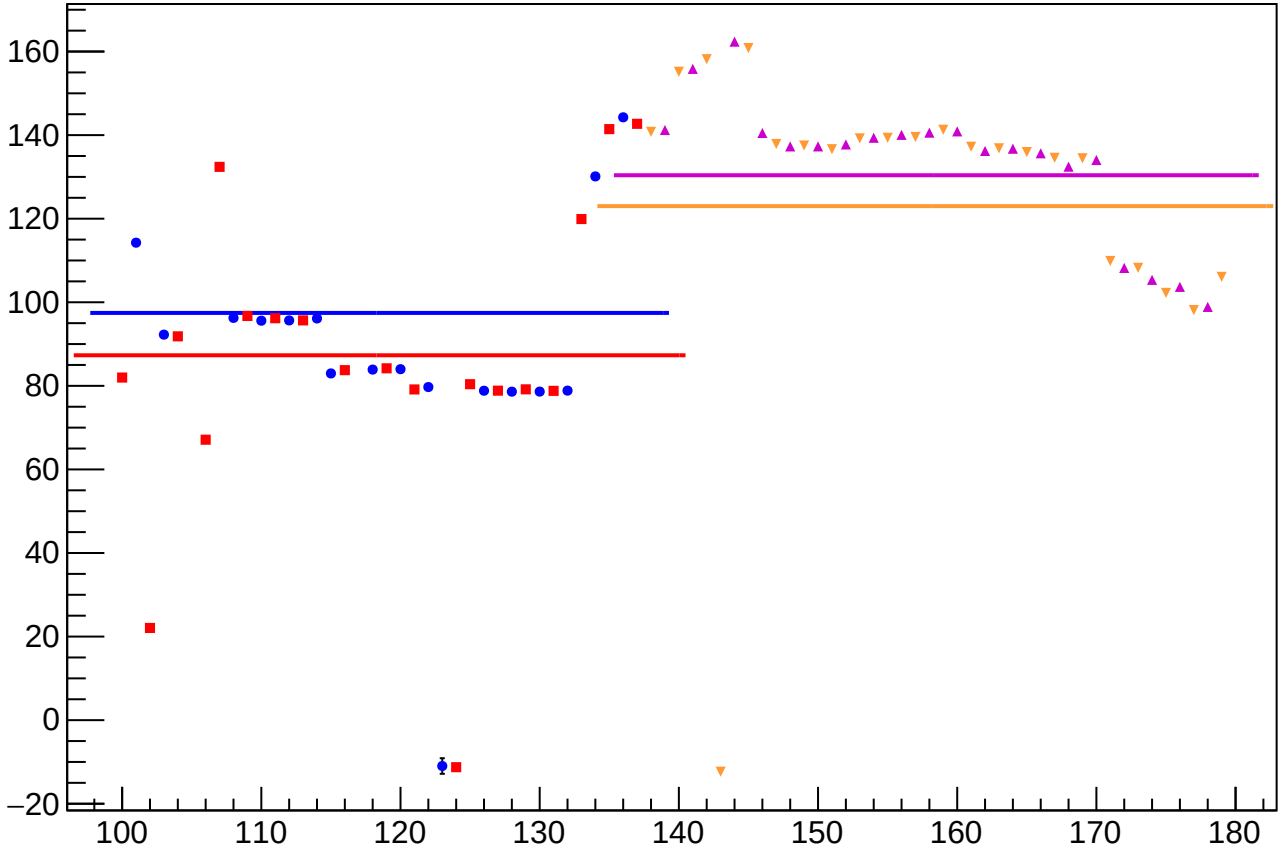
Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -78.723+/-0.761 χ^2/NDF:1092.2/36

Out: -74.892+/-0.739 χ^2/NDF:1357.3/40

All: -76.752+/-0.530 χ^2/NDF: 2462.6/77

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: 123.005+/-0.045 χ^2/NDF:620976.8/21

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 130.397+/-0.045 χ^2/NDF:144115.9/19

Left: 126.647+/-0.032 χ^2/NDF: 778591.8/41

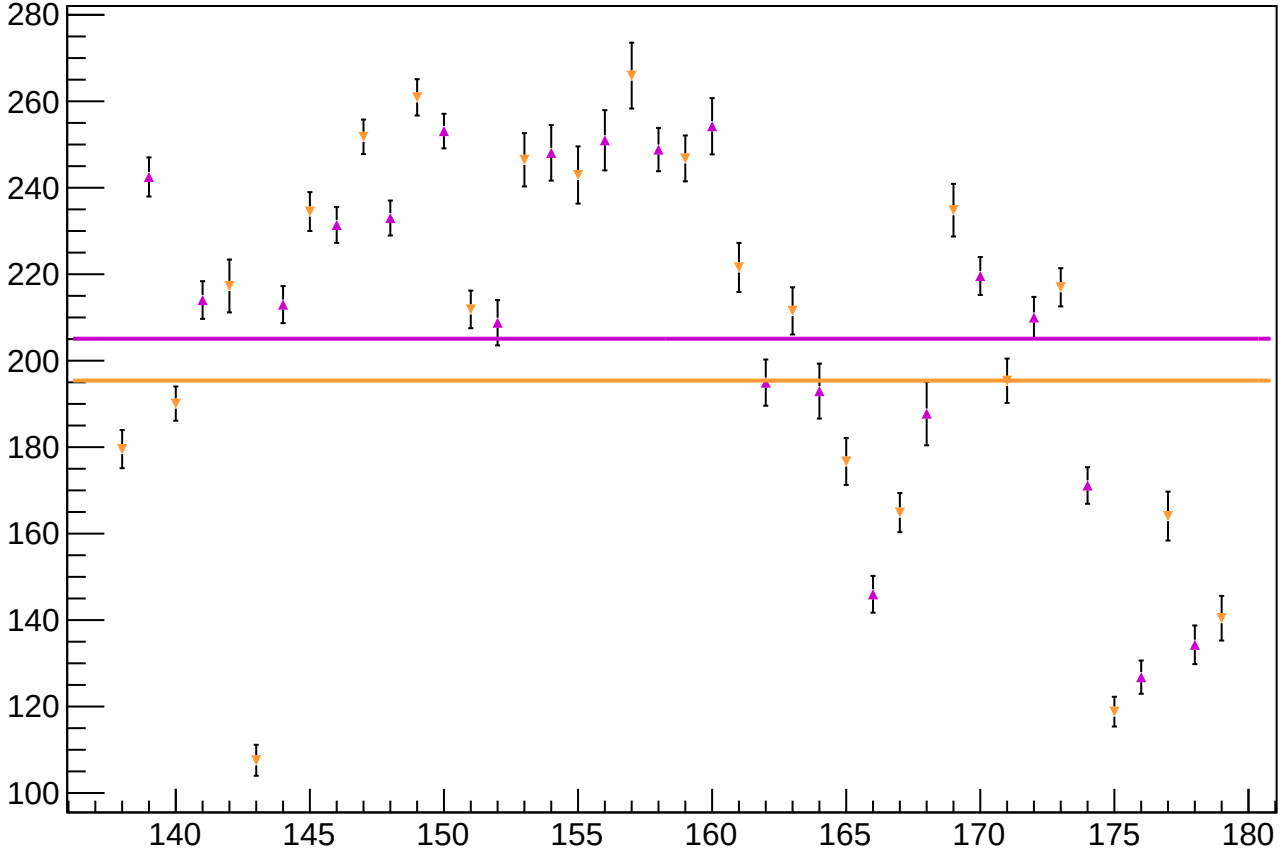
Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 121.281+/-0.039 χ^2/NDF:384846.0/36

Out: 112.305+/-0.037 χ^2/NDF:1034343.1/40

All: 116.654+/-0.027 χ^2/NDF: 1447146.7/77

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: 195.397+/-1.021 χ^2/NDF:2250.4/21

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

Left In: 205.087+/-1.062 χ^2/NDF:1477.6/19

Left: 200.050+/-0.736 χ^2/NDF: 3771.2/41

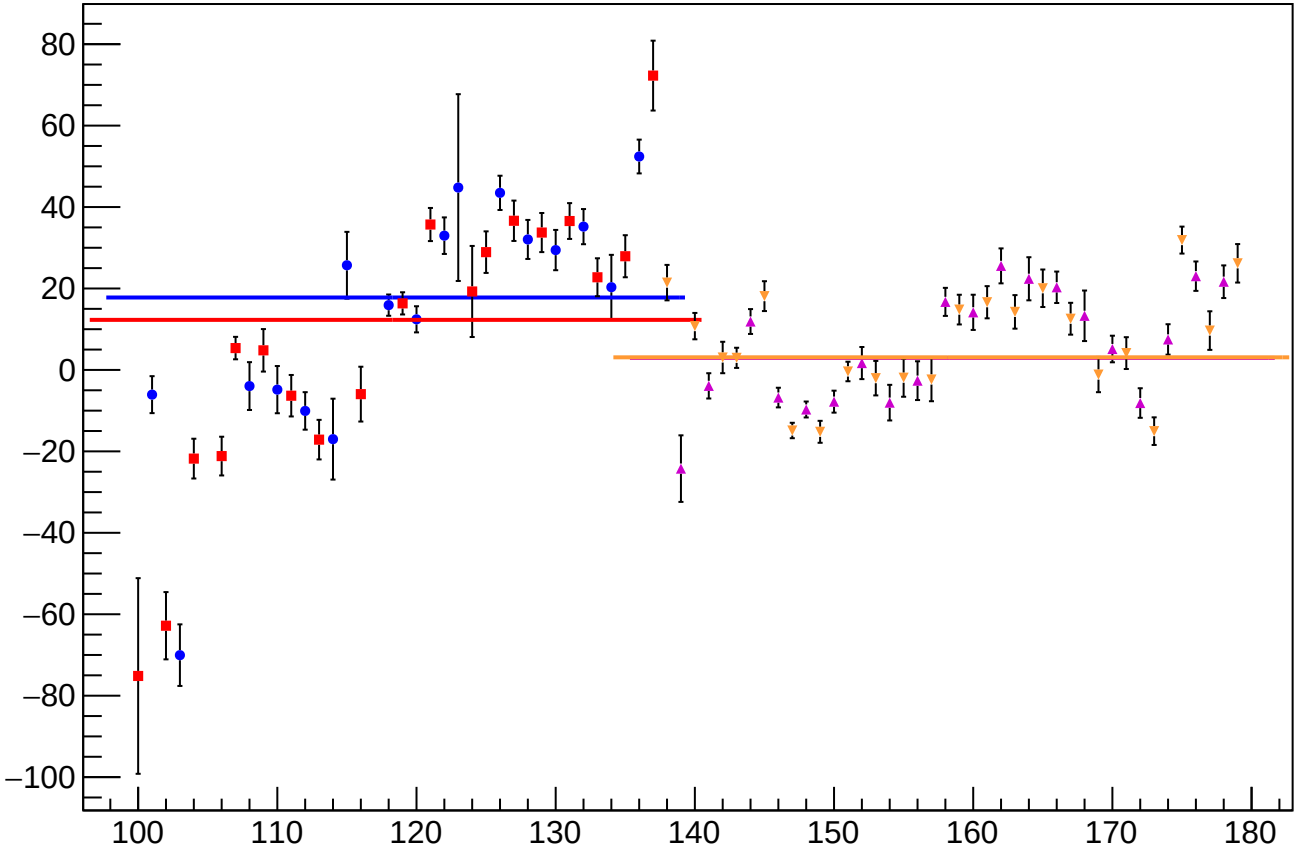
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 205.087+/-1.062 χ^2/NDF:1477.6/19

Out: 195.397+/-1.021 χ^2/NDF:2250.4/21

All: 200.050+/-0.736 χ^2/NDF: 3771.2/41

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: 3.092+/-0.730 χ^2/NDF:361.8/21

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: 2.945+/-0.777 χ^2/NDF:257.1/19

Left: 3.023+/-0.532 χ^2/NDF: 618.9/41

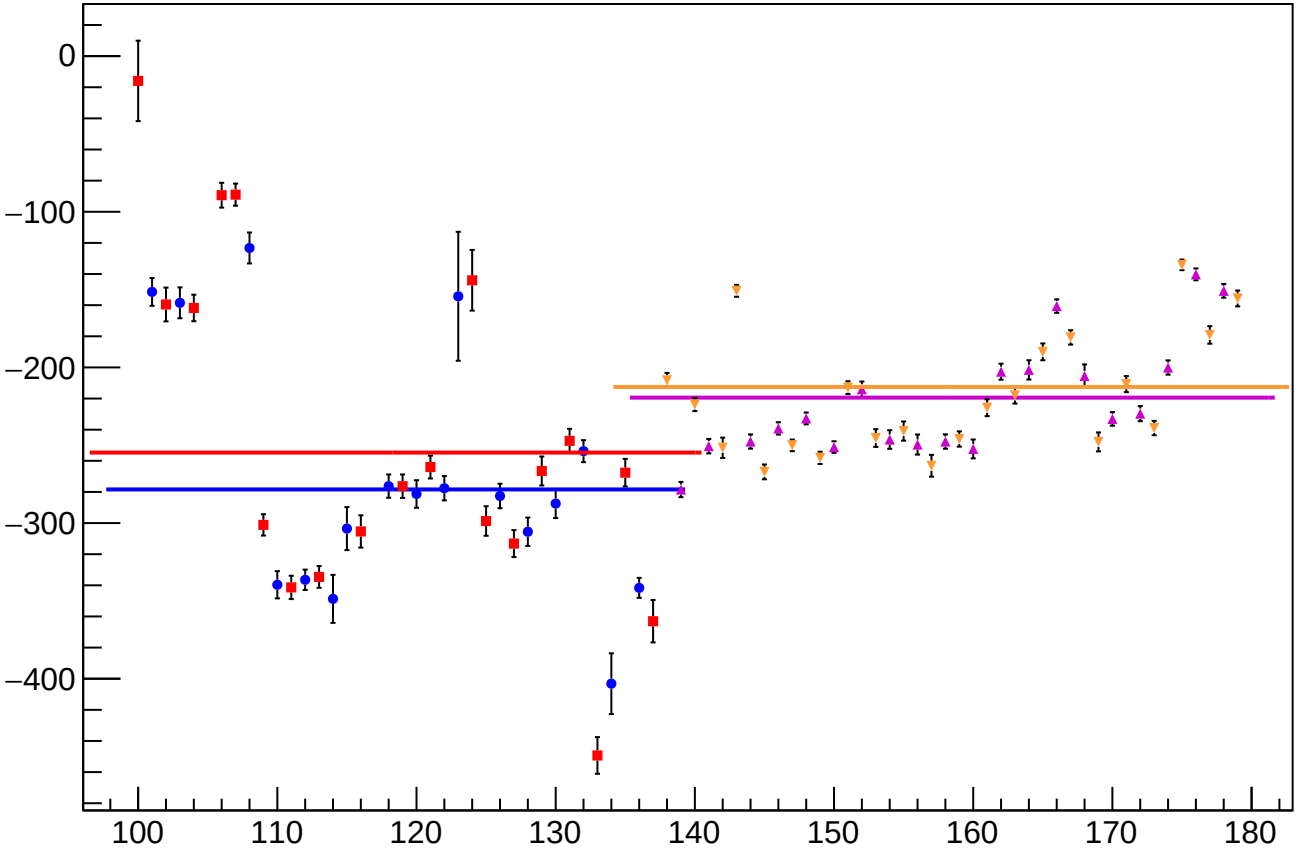
Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 7.614+/-0.643 χ^2/NDF:767.1/36

Out: 5.956+/-0.606 χ^2/NDF:855.0/40

All: 6.735+/-0.441 χ^2/NDF: 1625.6/77

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: -212.557+/-1.017 χ^2/NDF:1642.5/21

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -219.414+/-1.052 χ^2/NDF:1358.7/19

Left: -215.870+/-0.731 χ^2/NDF: 3023.2/41

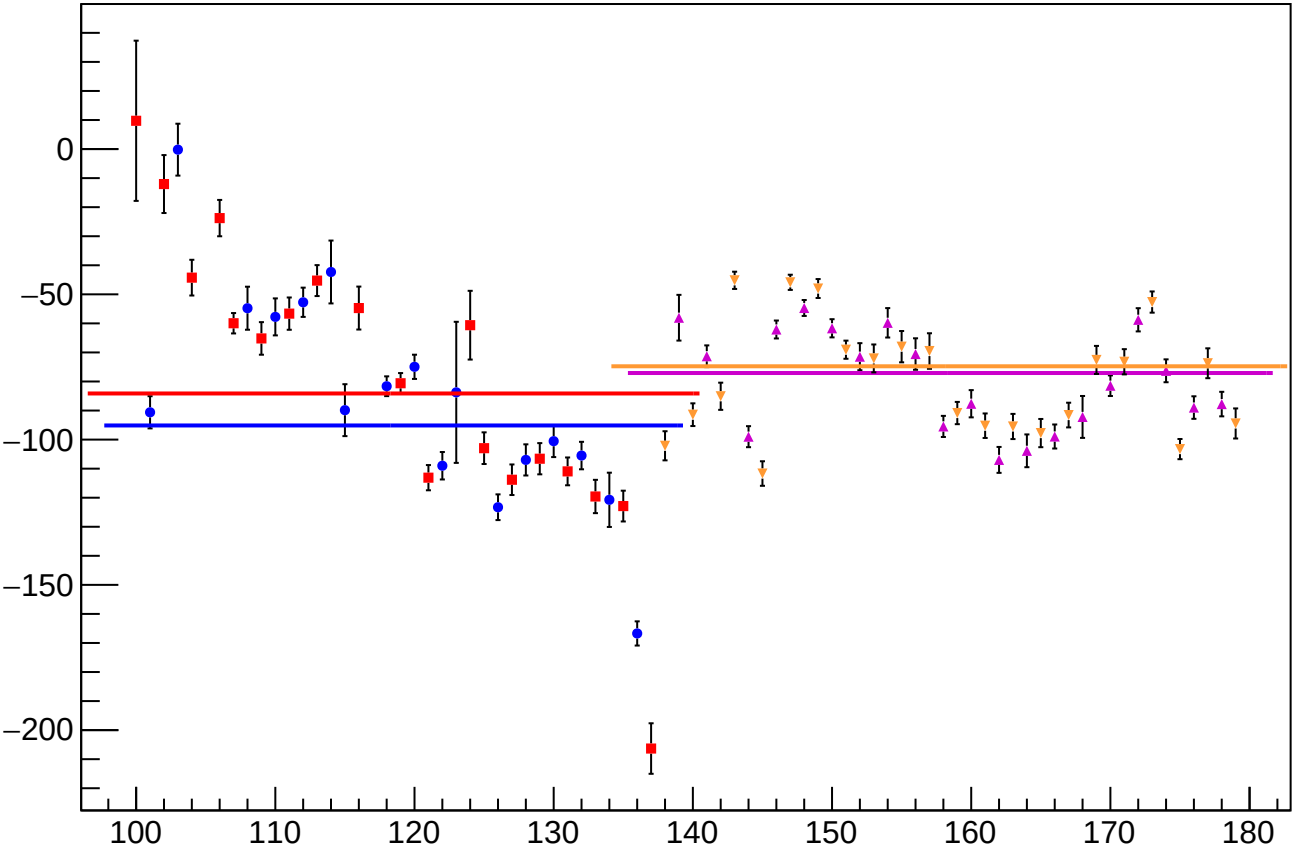
Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -230.659+/-0.946 χ^2/NDF:2868.4/36

Out: -221.081+/-0.909 χ^2/NDF:4028.3/40

All: -225.674+/-0.655 χ^2/NDF: 6950.0/77

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135+/-1.322 χ^2/NDF: 674.9/16

Left Out: -74.766+/-0.853 χ^2/NDF:645.5/21

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -77.082+/-0.900 χ^2/NDF:342.8/19

Left: -75.862+/-0.619 χ^2/NDF: 991.8/41

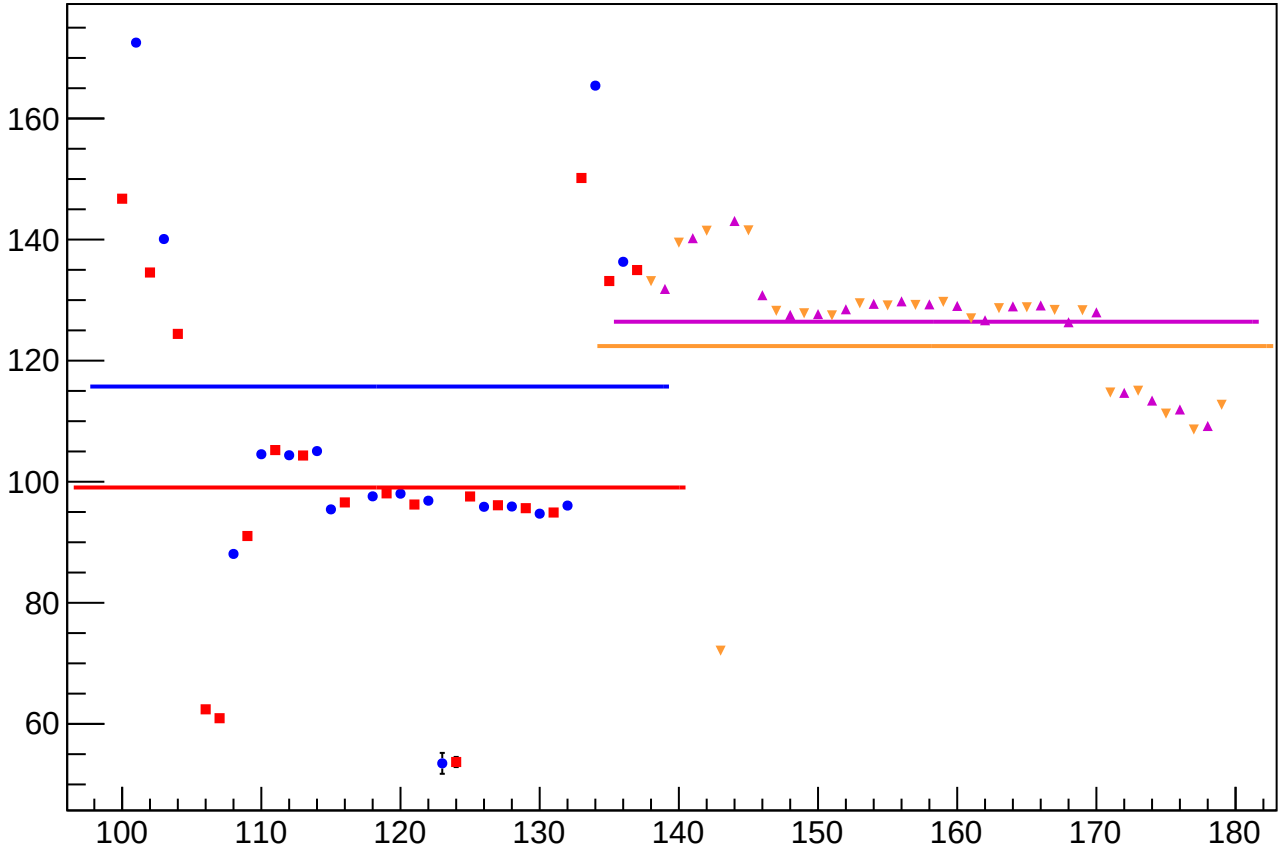
Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -82.800+/-0.744 χ^2/NDF:1145.1/36

Out: -77.714+/-0.706 χ^2/NDF:1466.2/40

All: -80.124+/-0.512 χ^2/NDF: 2635.9/77

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: 122.408+/-0.041 χ^2/NDF:160296.1/21

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 126.429+/-0.042 χ^2/NDF:39882.7/19

Left: 124.369+/-0.029 χ^2/NDF: 204841.3/41

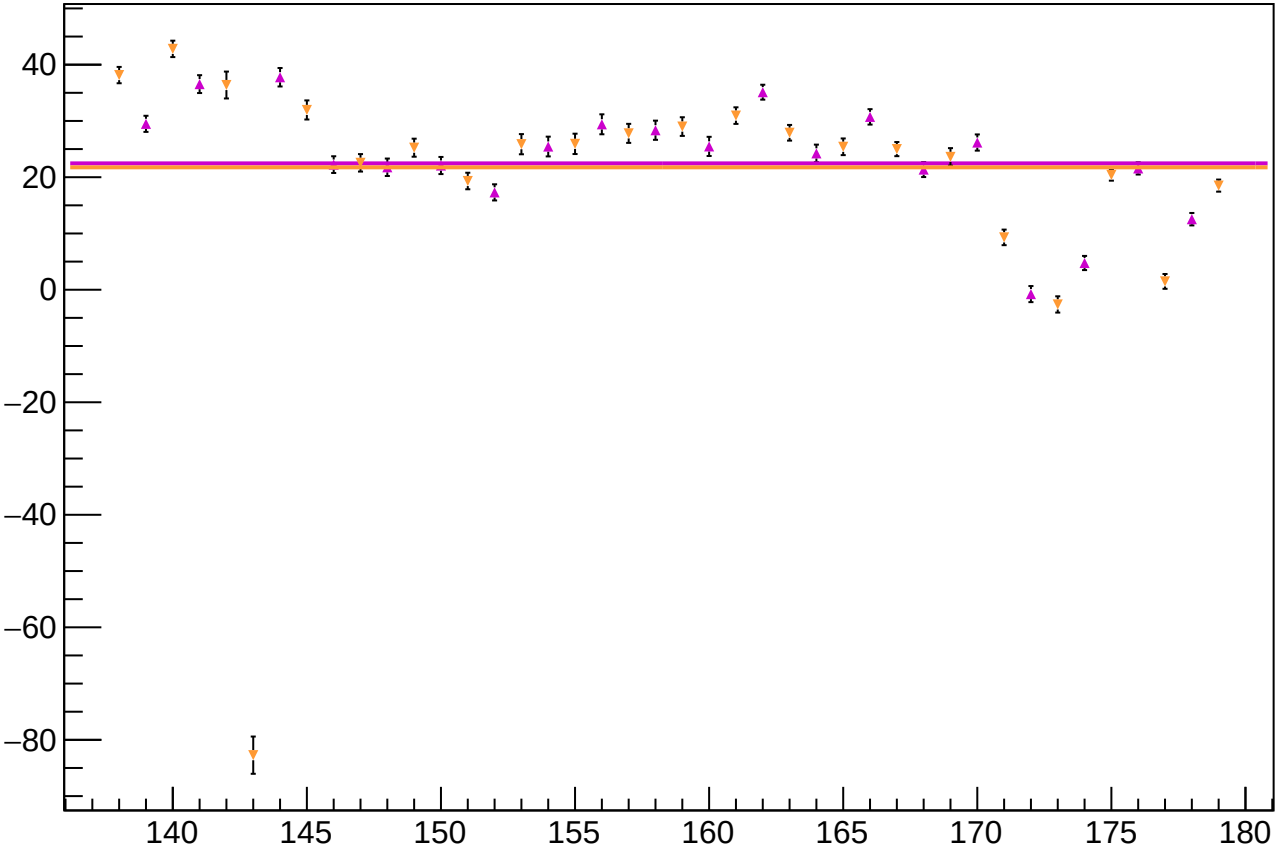
Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 124.008+/-0.037 χ^2/NDF:160856.6/36

Out: 116.217+/-0.035 χ^2/NDF:419215.3/40

All: 119.917+/-0.026 χ^2/NDF: 603250.1/77

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 21.754+/-0.316 χ^2/NDF:2141.4/21

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

Left In: 22.457+/-0.321 χ^2/NDF:915.4/19

Left: 22.100+/-0.225 χ^2/NDF: 3059.2/41

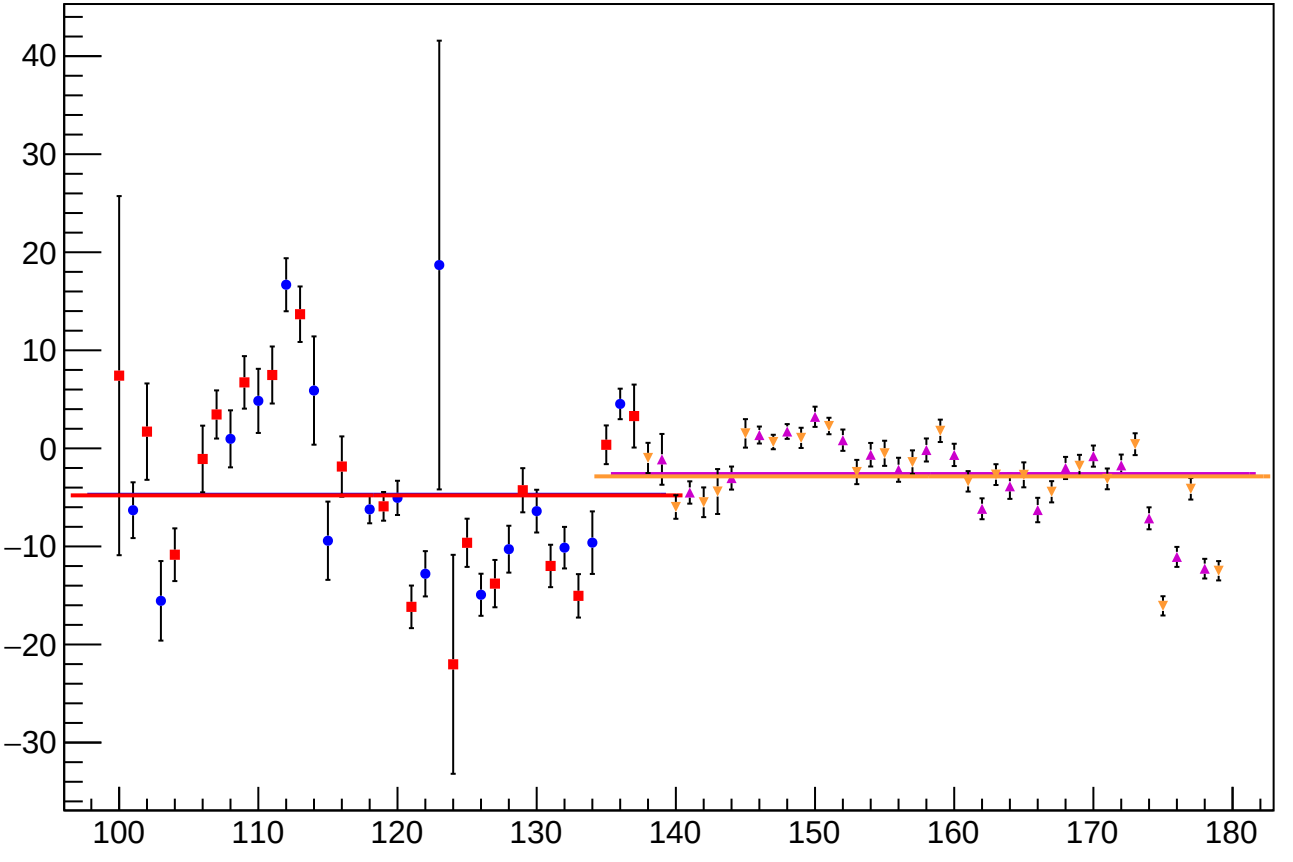
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 22.457+/-0.321 χ^2/NDF:915.4/19

Out: 21.754+/-0.316 χ^2/NDF:2141.4/21

All: 22.100+/-0.225 χ^2/NDF: 3059.2/41

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -2.854+/-0.237 χ^2/NDF:406.6/21

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -2.618+/-0.244 χ^2/NDF:311.9/19

Left: -2.740+/-0.170 χ^2/NDF: 719.0/41

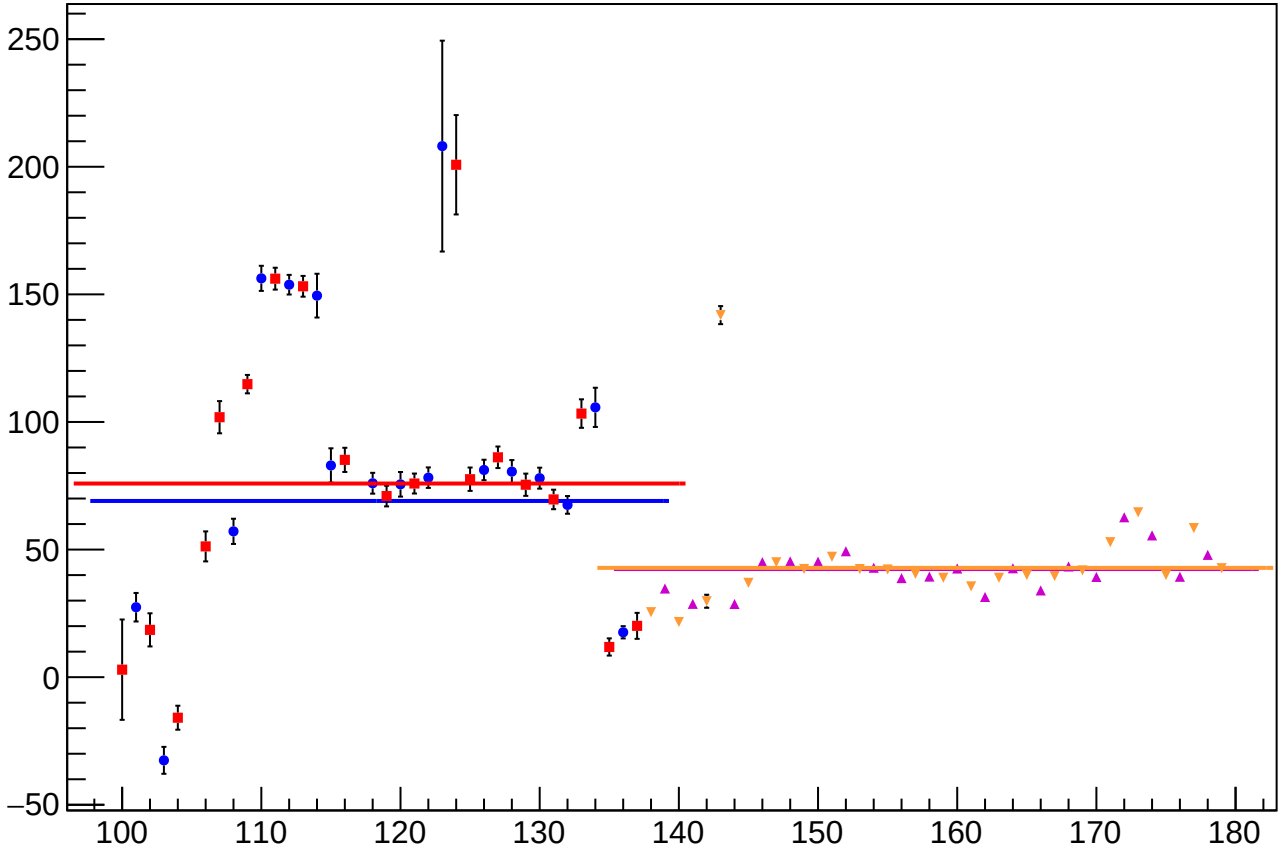
Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -2.937+/-0.225 χ^2/NDF:498.0/36

Out: -3.127+/-0.220 χ^2/NDF:609.5/40

All: -3.034+/-0.157 χ^2/NDF: 1107.9/77

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: 42.828+/-0.312 χ^2/NDF:1606.8/21

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 42.373+/-0.317 χ^2/NDF:630.5/19

Left: 42.604+/-0.222 χ^2/NDF: 2238.4/41

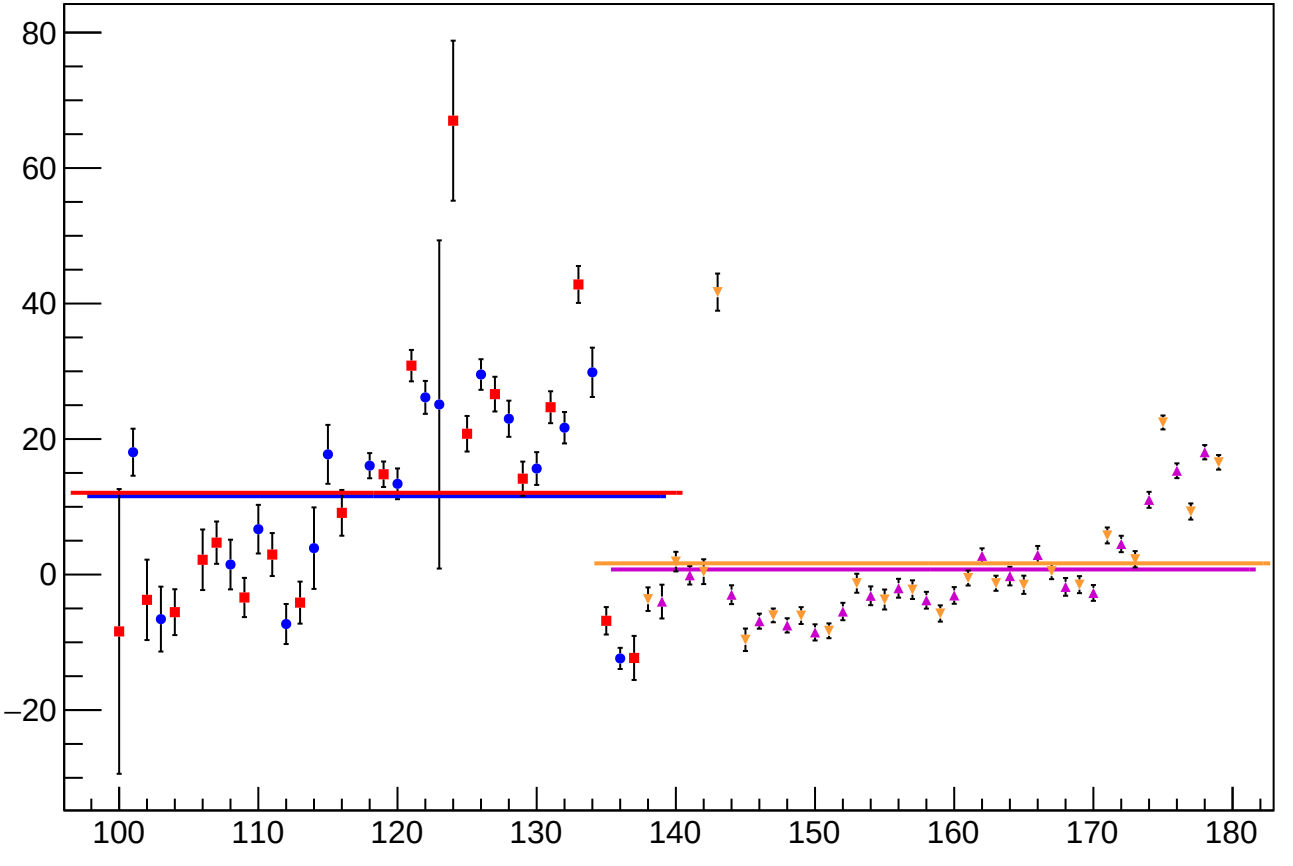
Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 44.507+/-0.305 χ^2/NDF:3043.1/36

Out: 45.418+/-0.299 χ^2/NDF:4382.0/40

All: 44.970+/-0.214 χ^2/NDF: 7429.6/77

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: 1.654+/-0.270 χ^2/NDF:1189.5/21

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: 0.752+/-0.278 χ^2/NDF:789.5/19

Left: 1.216+/-0.194 χ^2/NDF: 1984.4/41

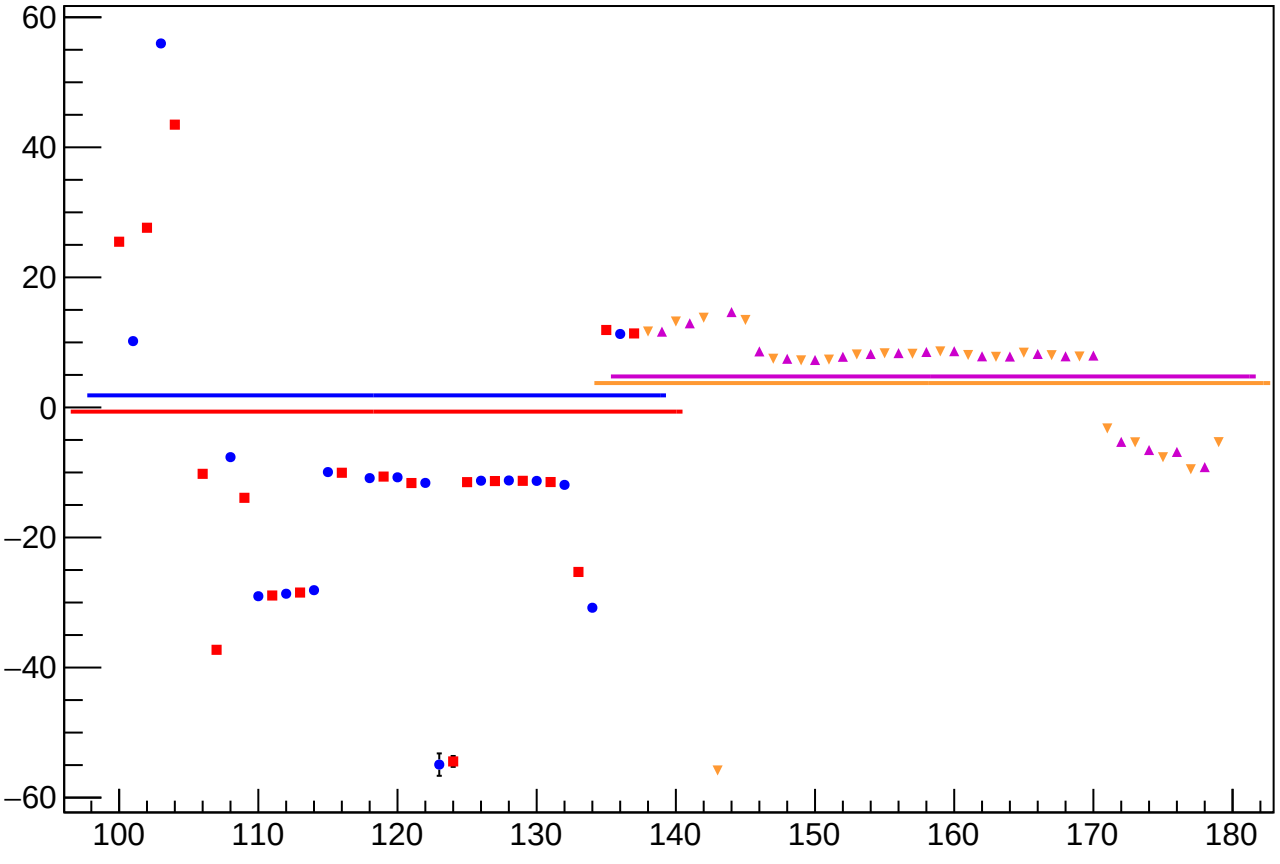
Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: 2.389+/-0.256 χ^2/NDF:1496.7/36

Out: 3.132+/-0.250 χ^2/NDF:1943.7/40

All: 2.769+/-0.179 χ^2/NDF: 3444.7/77

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: 3.748+/-0.012 χ^2/NDF:513801.6/21

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 4.765+/-0.013 χ^2/NDF:314846.2/19

Left: 4.252+/-0.009 χ^2/NDF: 831953.8/41

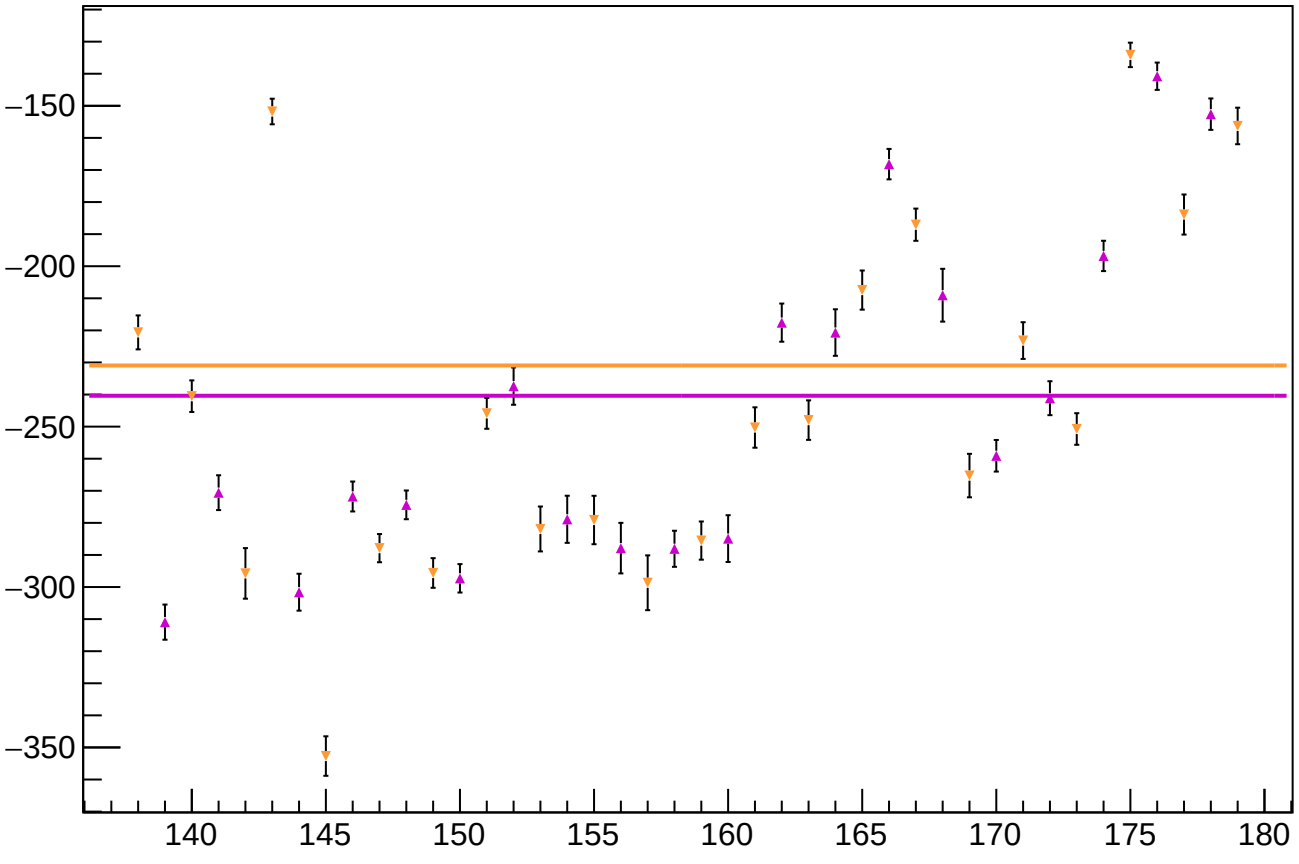
Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 4.464+/-0.012 χ^2/NDF:679805.9/36

Out: 3.303+/-0.012 χ^2/NDF:888053.6/40

All: 3.879+/-0.008 χ^2/NDF: 1572664.3/77

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: -230.935+/-1.162 χ^2/NDF:2500.2/21

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

Left In: -240.376+/-1.209 χ^2/NDF:1988.6/19

Left: -235.467+/-0.838 χ^2/NDF: 4520.4/41

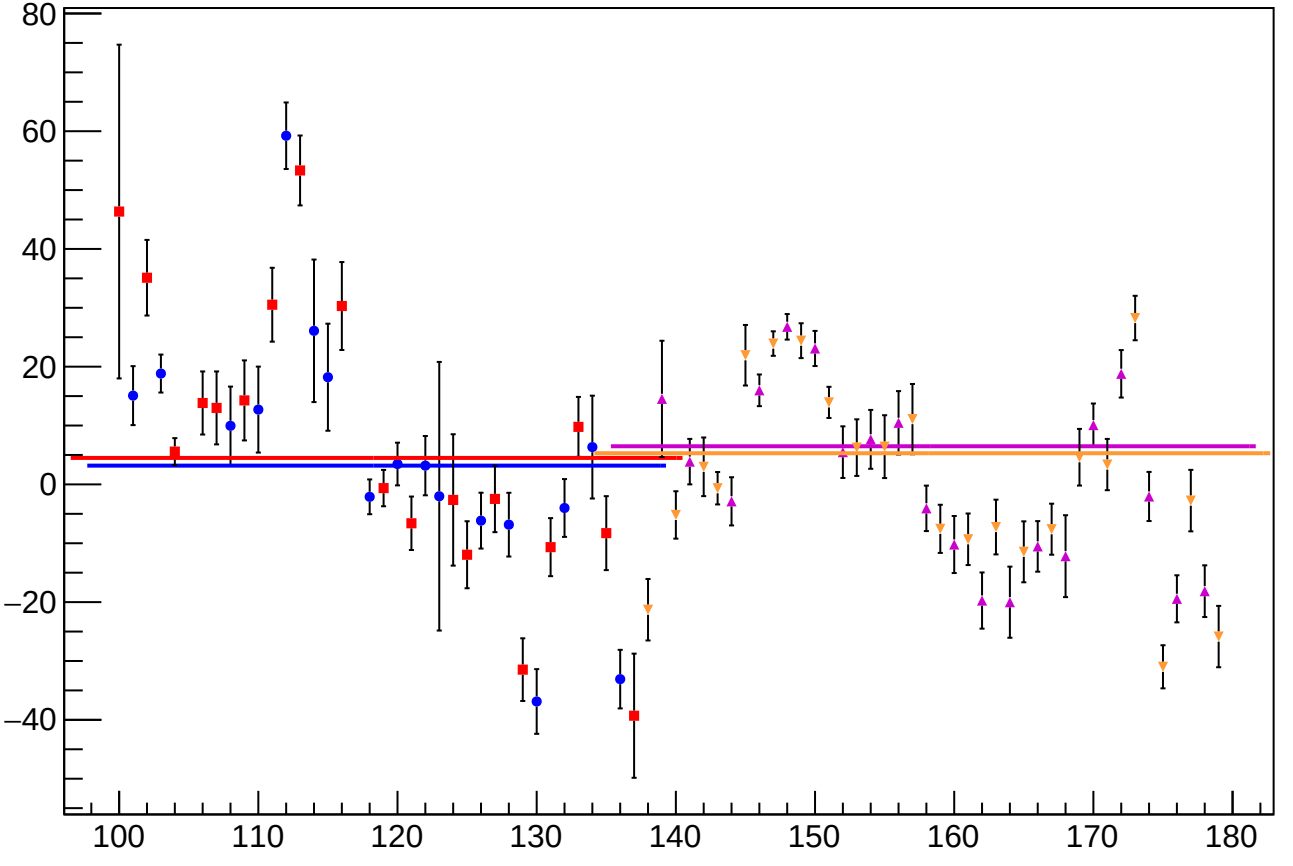
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -240.376+/-1.209 χ^2/NDF:1988.6/19

Out: -230.935+/-1.162 χ^2/NDF:2500.2/21

All: -235.467+/-0.838 χ^2/NDF: 4520.4/41

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: 5.295+/-0.826 χ^2/NDF:402.5/21

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 6.479+/-0.881 χ^2/NDF:317.3/19

Left: 5.849+/-0.603 χ^2/NDF: 720.8/41

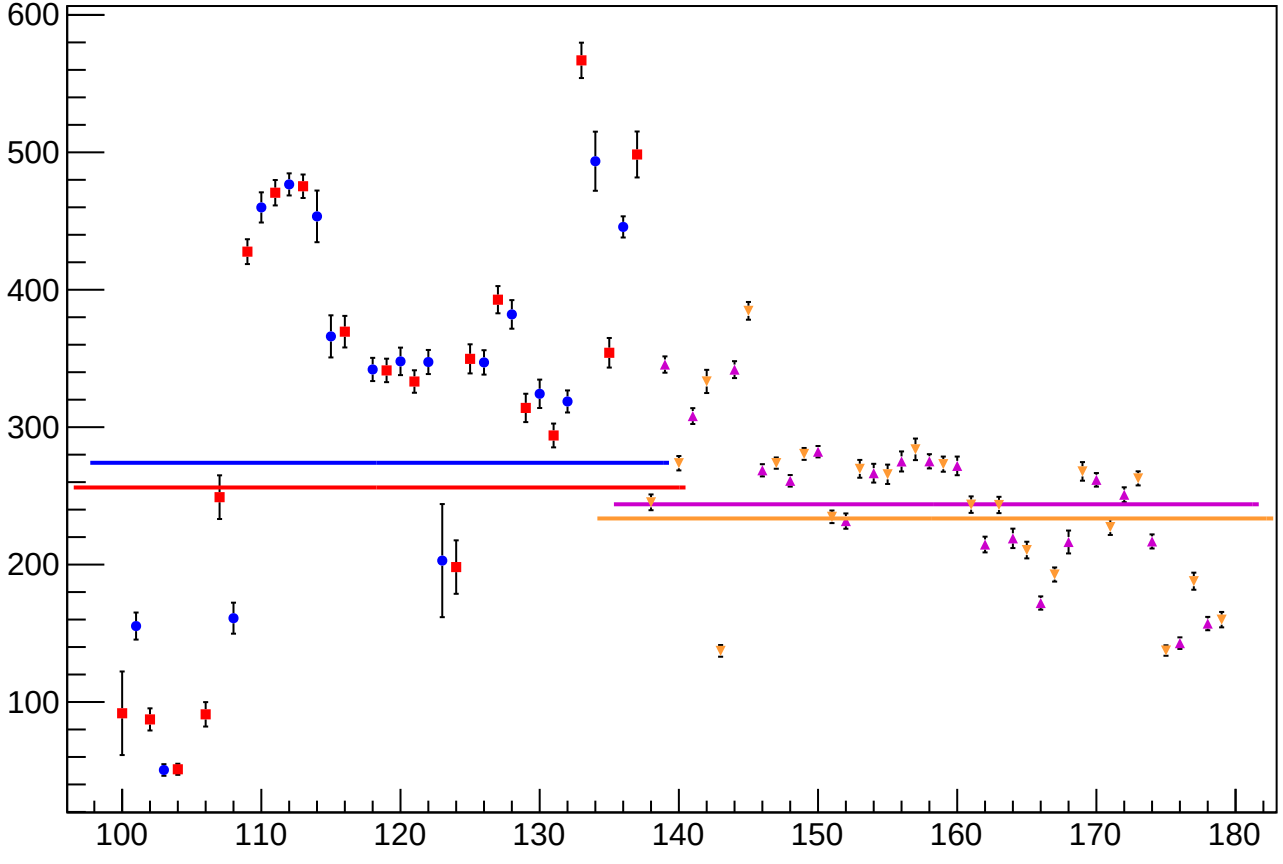
Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 5.358+/-0.715 χ^2/NDF:577.7/36

Out: 5.026+/-0.673 χ^2/NDF:628.3/40

All: 5.182+/-0.490 χ^2/NDF: 1206.1/77

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: 233.561+/-1.154 χ^2/NDF:2628.2/21

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 243.880+/-1.194 χ^2/NDF:2099.3/19

Left: 238.543+/-0.830 χ^2/NDF: 4766.1/41

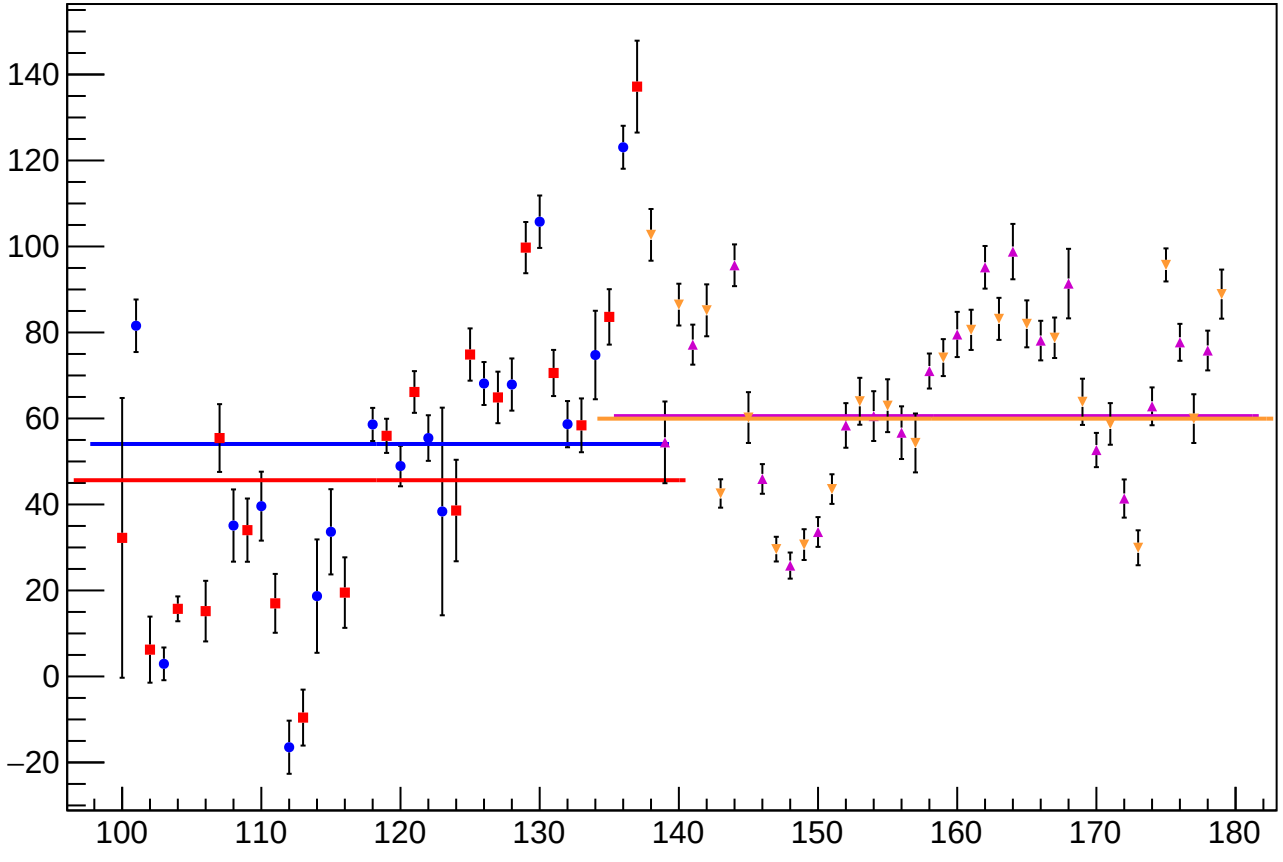
Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 250.794+/-1.048 χ^2/NDF:7357.7/36

Out: 238.864+/-1.009 χ^2/NDF:9162.1/40

All: 244.600+/-0.727 χ^2/NDF: 16587.1/77

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.065+/-1.421 χ^2/NDF: 634.4/16

Left Out: 59.955+/-0.967 χ^2/NDF:580.8/21

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 60.548+/-1.021 χ^2/NDF:457.9/19

Left: 60.235+/-0.702 χ^2/NDF: 1038.9/41

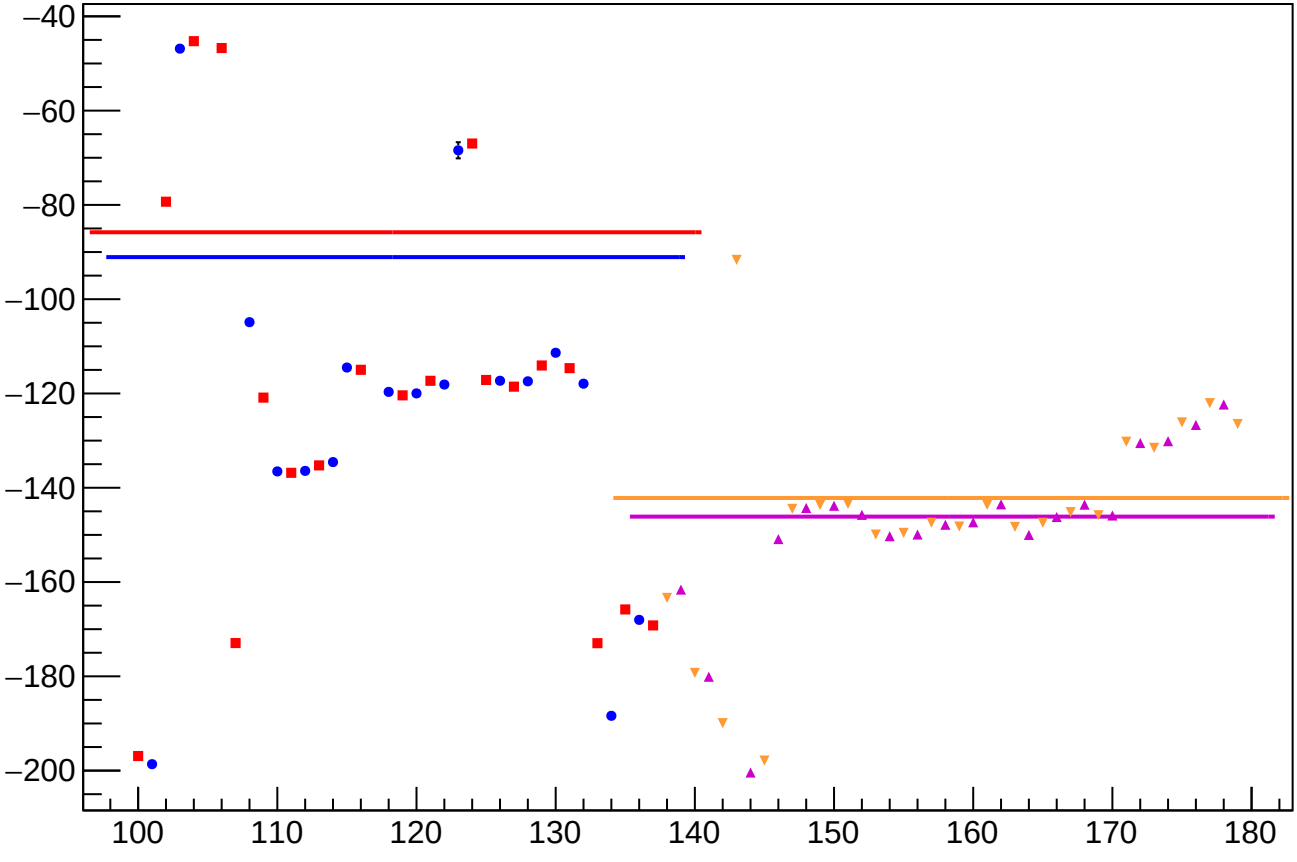
Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 58.339+/-0.829 χ^2/NDF:1106.0/36

Out: 55.145+/-0.788 χ^2/NDF:1185.3/40

All: 56.661+/-0.571 χ^2/NDF: 2299.1/77

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: -142.165+/-0.047 χ^2/NDF:219599.6/21

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -146.122+/-0.048 χ^2/NDF:104054.0/19

Left: -144.095+/-0.033 χ^2/NDF: 327152.6/41

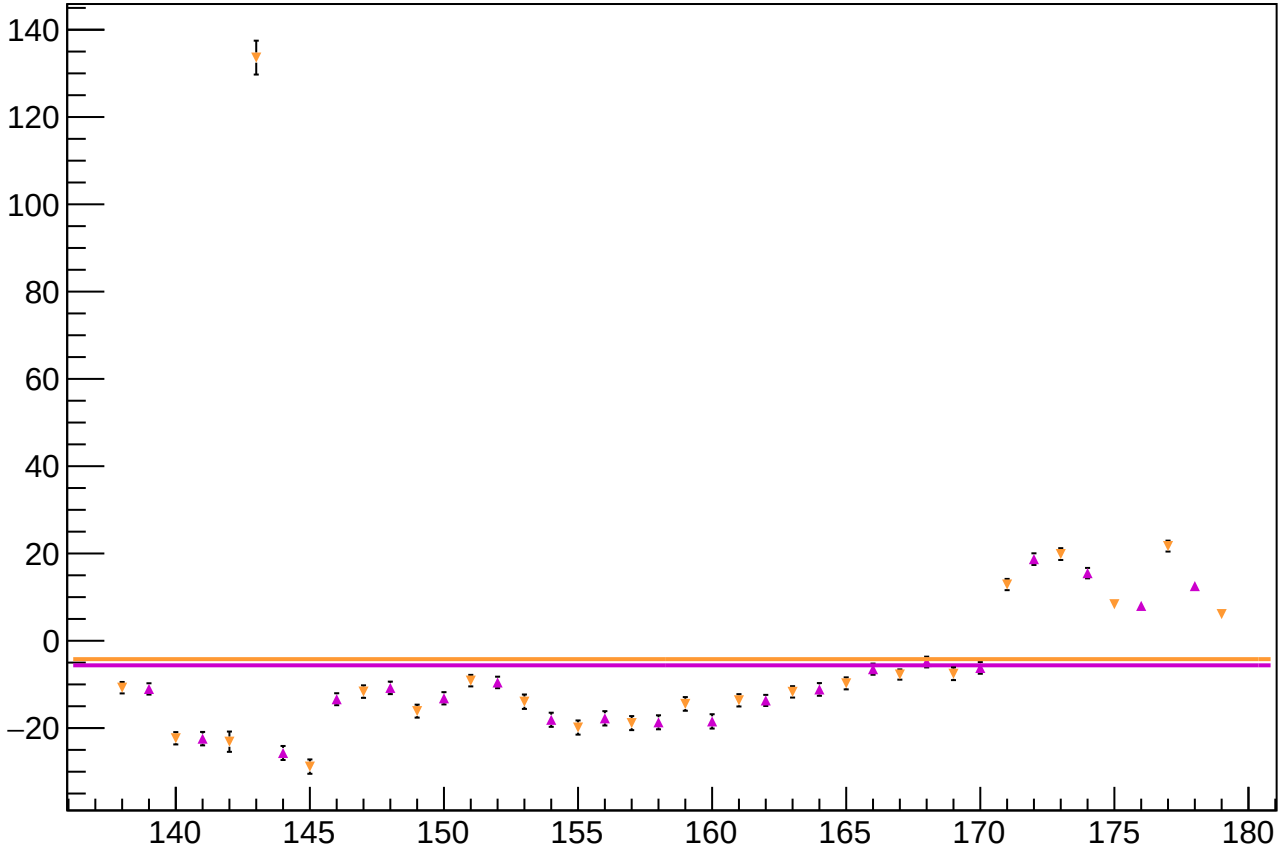
Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -127.712+/-0.039 χ^2/NDF:1080966.4/36

Out: -122.988+/-0.038 χ^2/NDF:1210918.4/40

All: -125.281+/-0.027 χ^2/NDF: 2299412.8/77

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -4.208+/-0.296 χ^2/NDF:3403.8/21

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

Left In: -5.626+/-0.301 χ^2/NDF:1790.5/19

Left: -4.905+/-0.211 χ^2/NDF: 5205.7/41

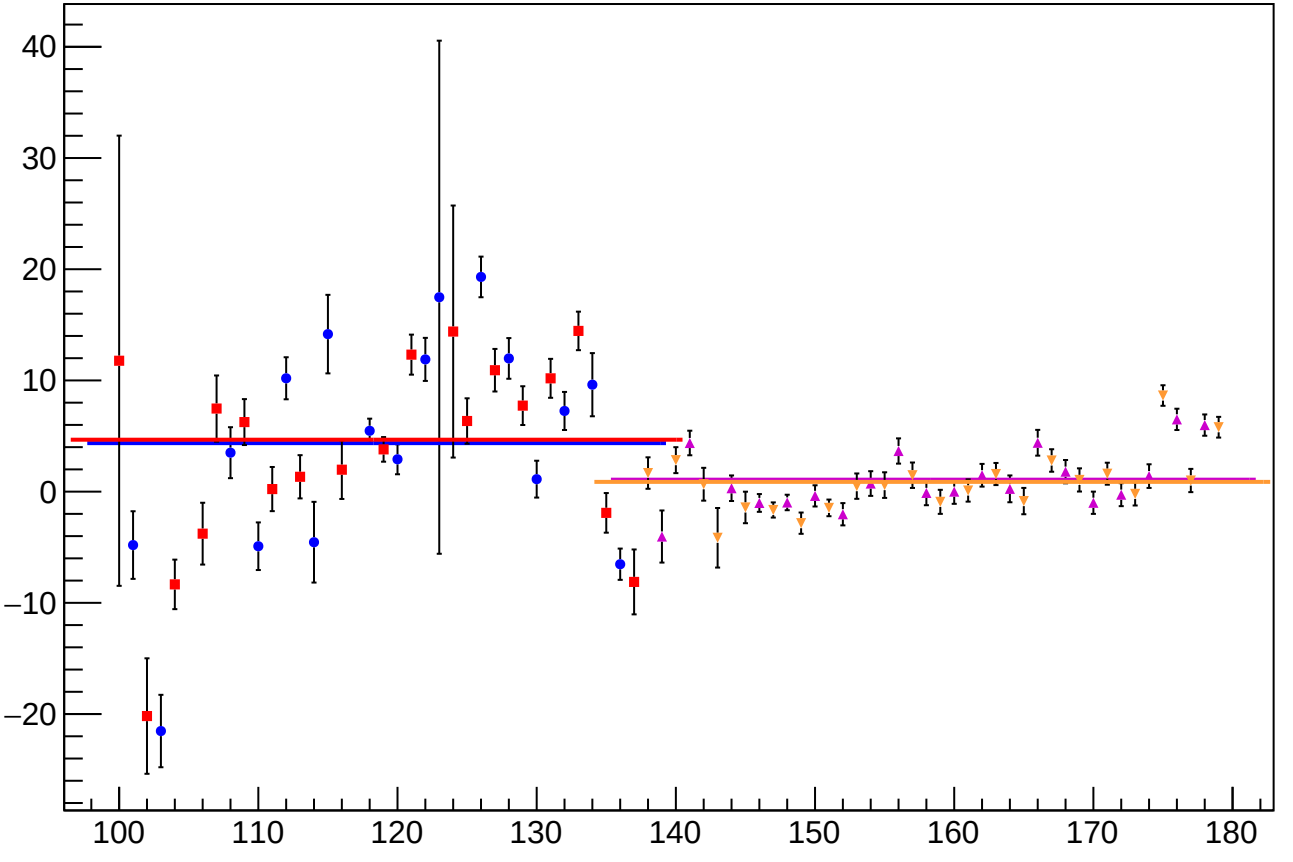
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.626+/-0.301 χ^2/NDF:1790.5/19

Out: -4.208+/-0.296 χ^2/NDF:3403.8/21

All: -4.905+/-0.211 χ^2/NDF: 5205.7/41

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361+/-0.464 χ^2/NDF: 286.5/16

Left Out: 0.877+/-0.222 χ^2/NDF:158.0/21

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 1.075+/-0.229 χ^2/NDF:122.7/19

Left: 0.973+/-0.159 χ^2/NDF: 281.1/41

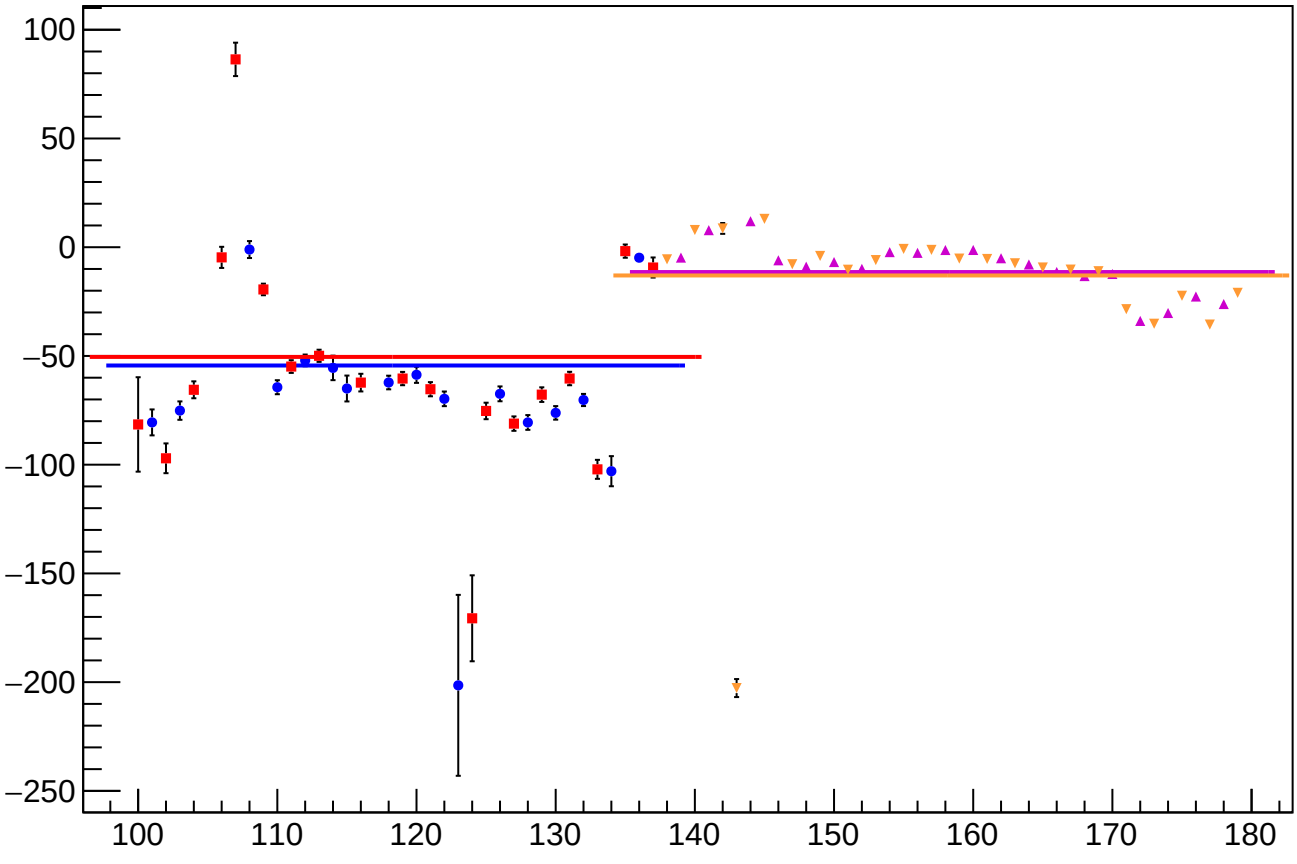
Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 1.719+/-0.206 χ^2/NDF:449.5/36

Out: 1.559+/-0.201 χ^2/NDF:395.8/40

All: 1.637+/-0.144 χ^2/NDF: 845.6/77

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: -12.988+/-0.292 χ^2/NDF:3805.2/21

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -11.419+/-0.298 χ^2/NDF:1380.7/19

Left: -12.217+/-0.209 χ^2/NDF: 5200.1/41

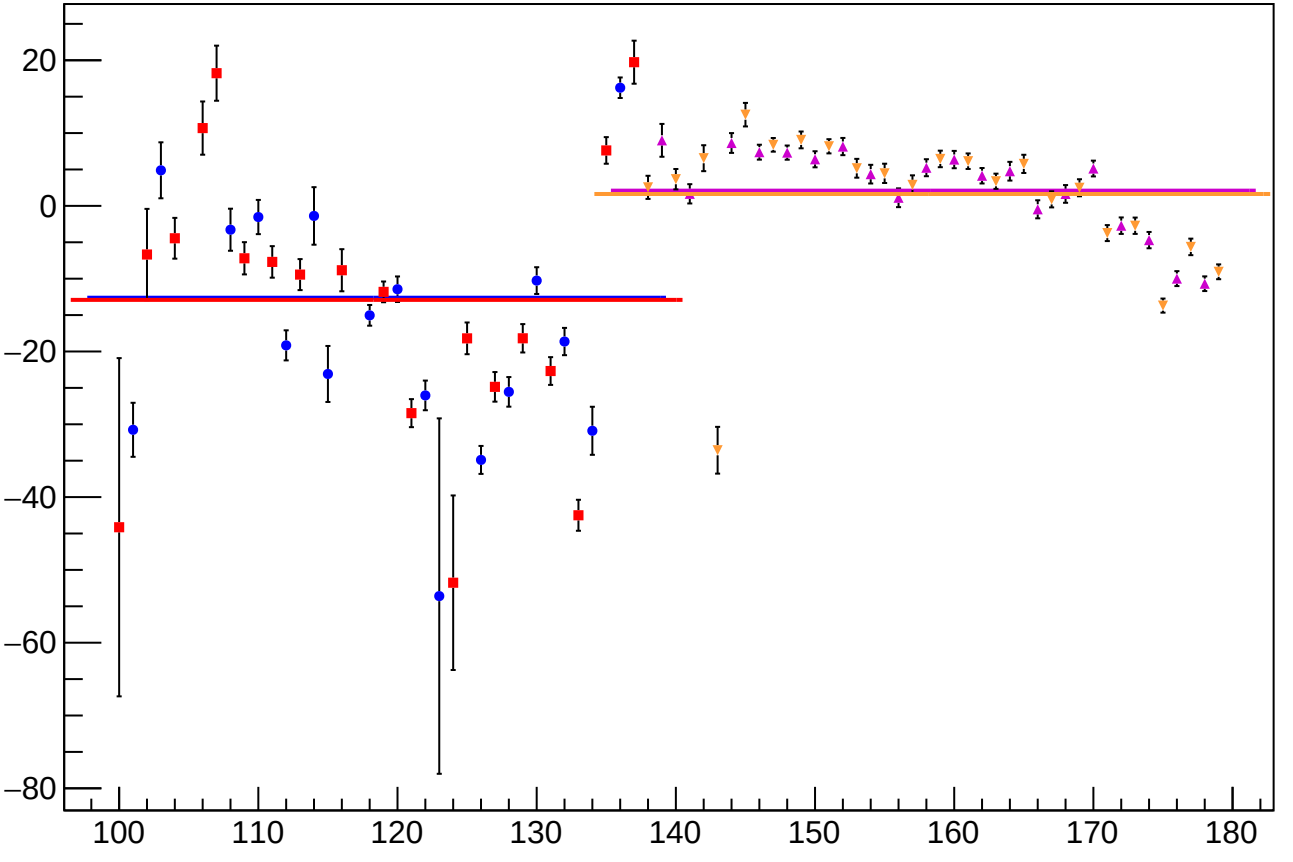
Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -15.990+/-0.281 χ^2/NDF:4612.4/36

Out: -16.890+/-0.277 χ^2/NDF:6839.3/40

All: -16.448+/-0.197 χ^2/NDF: 11456.9/77

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: 1.633+/-0.253 χ^2/NDF:818.7/21

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 2.092+/-0.261 χ^2/NDF:527.8/19

Left: 1.856+/-0.182 χ^2/NDF: 1348.1/41

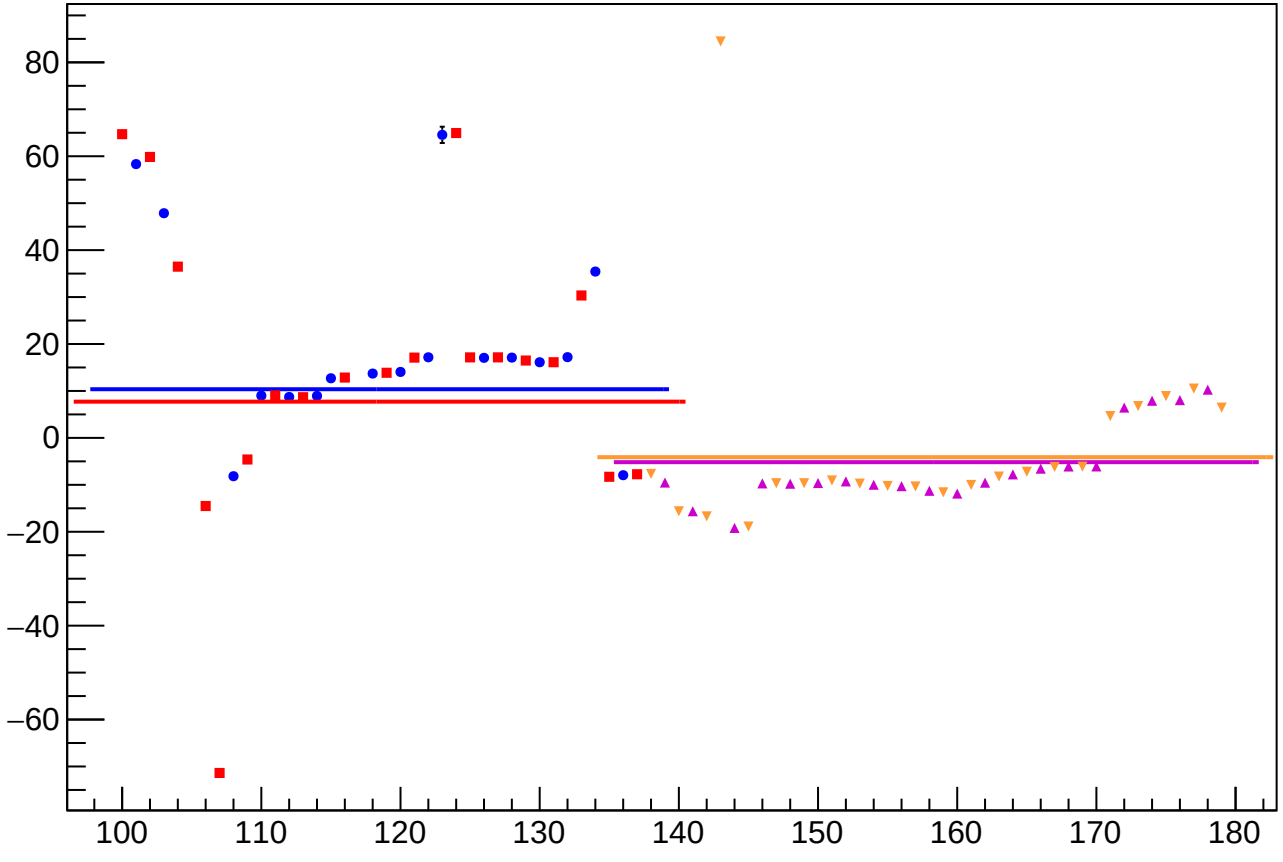
Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: -0.778+/-0.234 χ^2/NDF:1935.5/36

Out: -1.005+/-0.229 χ^2/NDF:2146.8/40

All: -0.894+/-0.164 χ^2/NDF: 4082.8/77

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: -4.109+/-0.012 χ^2/NDF:800729.3/21

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -5.173+/-0.012 χ^2/NDF:474504.0/19

Left: -4.636+/-0.008 χ^2/NDF: 1279355.5/41

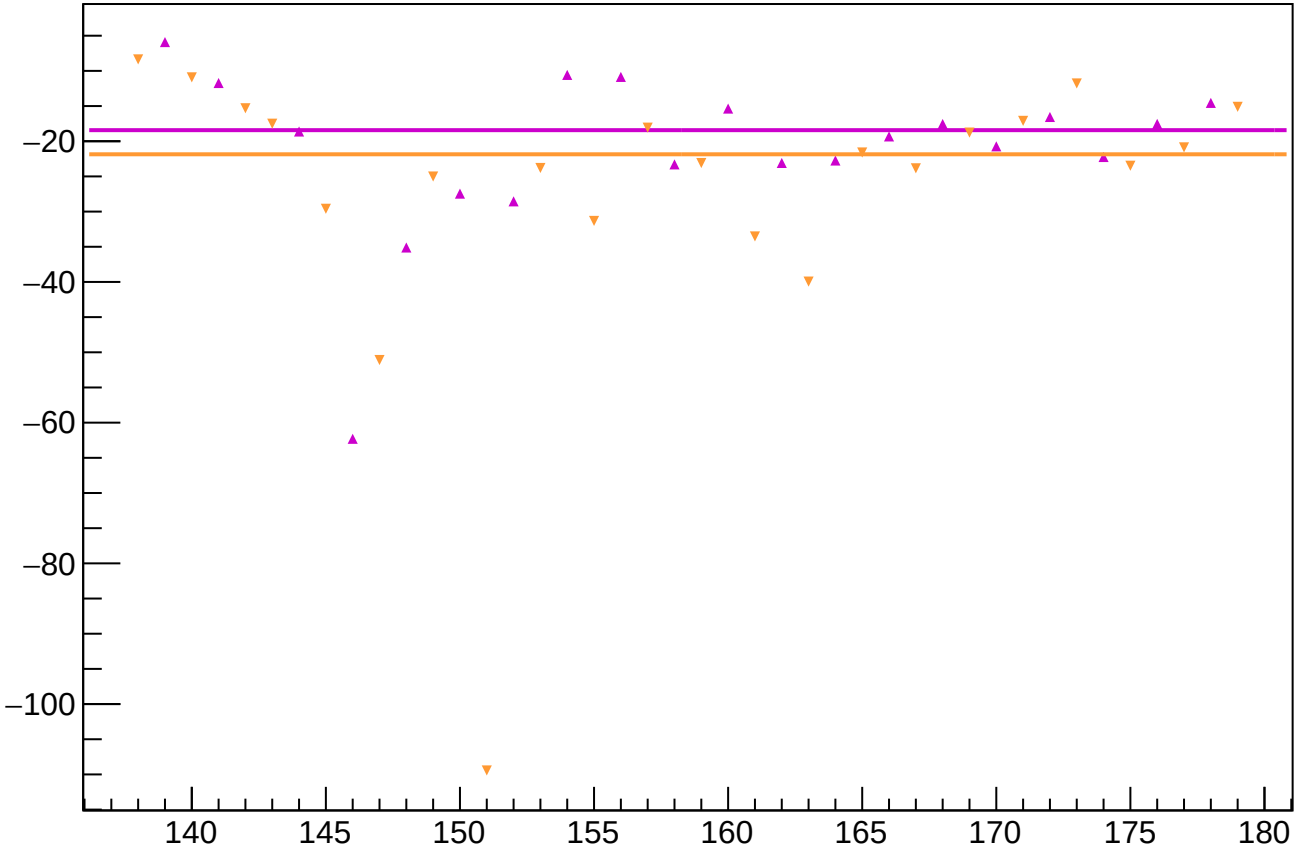
Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: -3.164+/-0.011 χ^2/NDF:1080956.6/36

Out: -2.663+/-0.011 χ^2/NDF:1471529.3/40

All: -2.912+/-0.008 χ^2/NDF: 2553528.8/77

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: -21.855+/-0.046 χ^2/NDF:65183.7/21

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

Left In: -18.426+/-0.043 χ^2/NDF:39313.1/19

Left: -20.028+/-0.032 χ^2/NDF: 107418.5/41

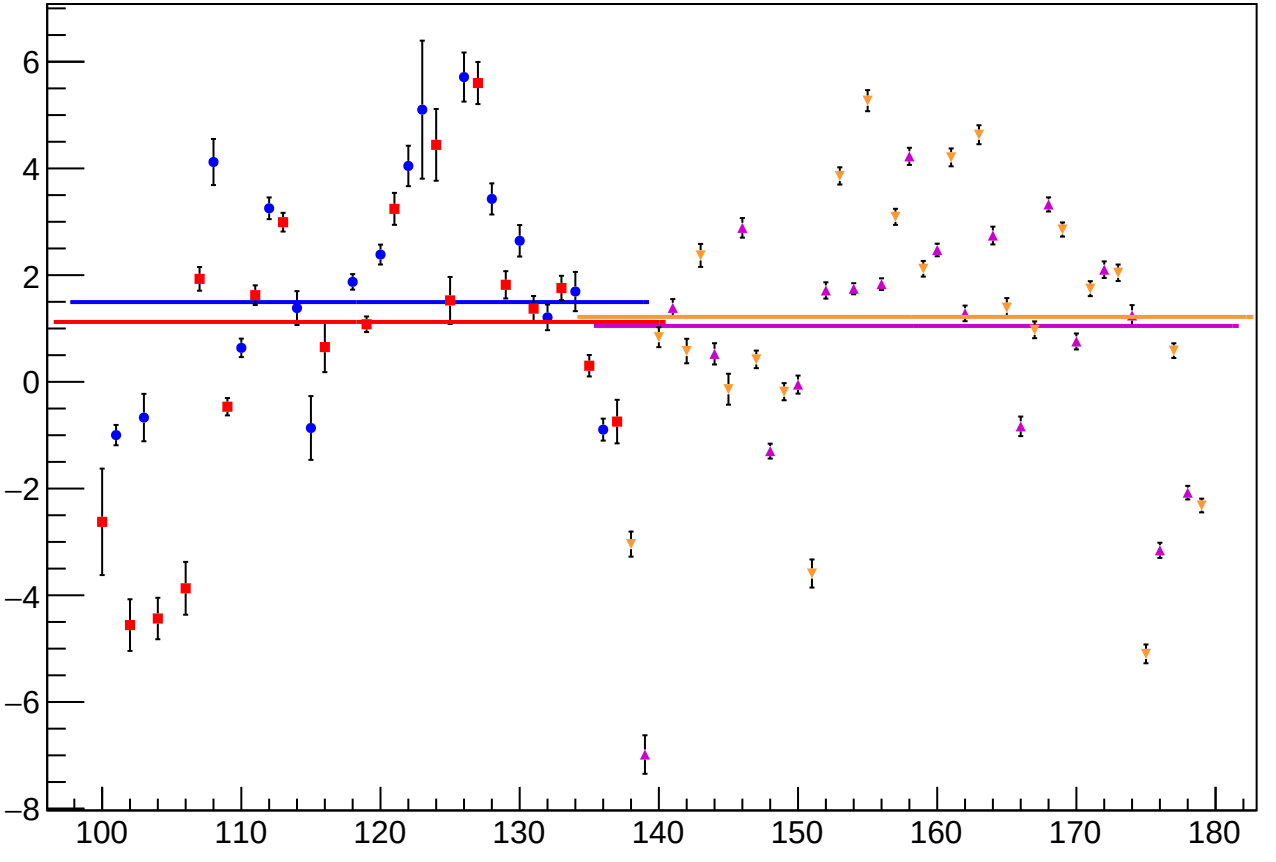
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.426+/-0.043 χ^2/NDF:39313.1/19

Out: -21.855+/-0.046 χ^2/NDF:65183.7/21

All: -20.028+/-0.032 χ^2/NDF: 107418.5/41

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495+/-0.061 χ^2/NDF: 708.8/16

Left Out: 1.218+/-0.036 χ^2/NDF:4653.2/21

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 1.048+/-0.033 χ^2/NDF:3609.5/19

Left: 1.126+/-0.024 χ^2/NDF: 8274.7/41

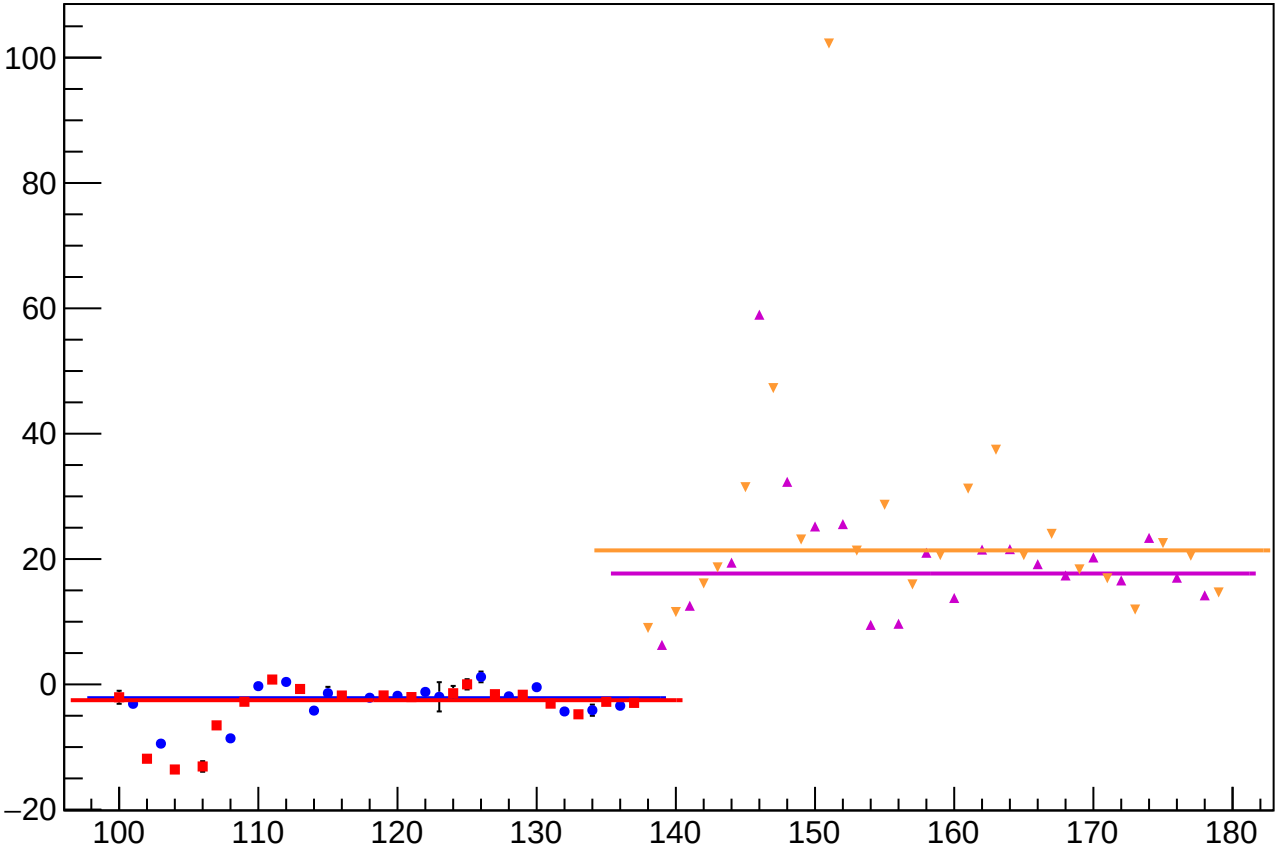
Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 1.150+/-0.029 χ^2/NDF:4359.7/36

Out: 1.191+/-0.031 χ^2/NDF:5601.6/40

All: 1.170+/-0.021 χ^2/NDF: 9962.3/77

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: 21.382+/-0.046 χ^2/NDF:58407.6/21

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 17.691+/-0.043 χ^2/NDF:37189.7/19

Left: 19.396+/-0.031 χ^2/NDF: 99075.1/41

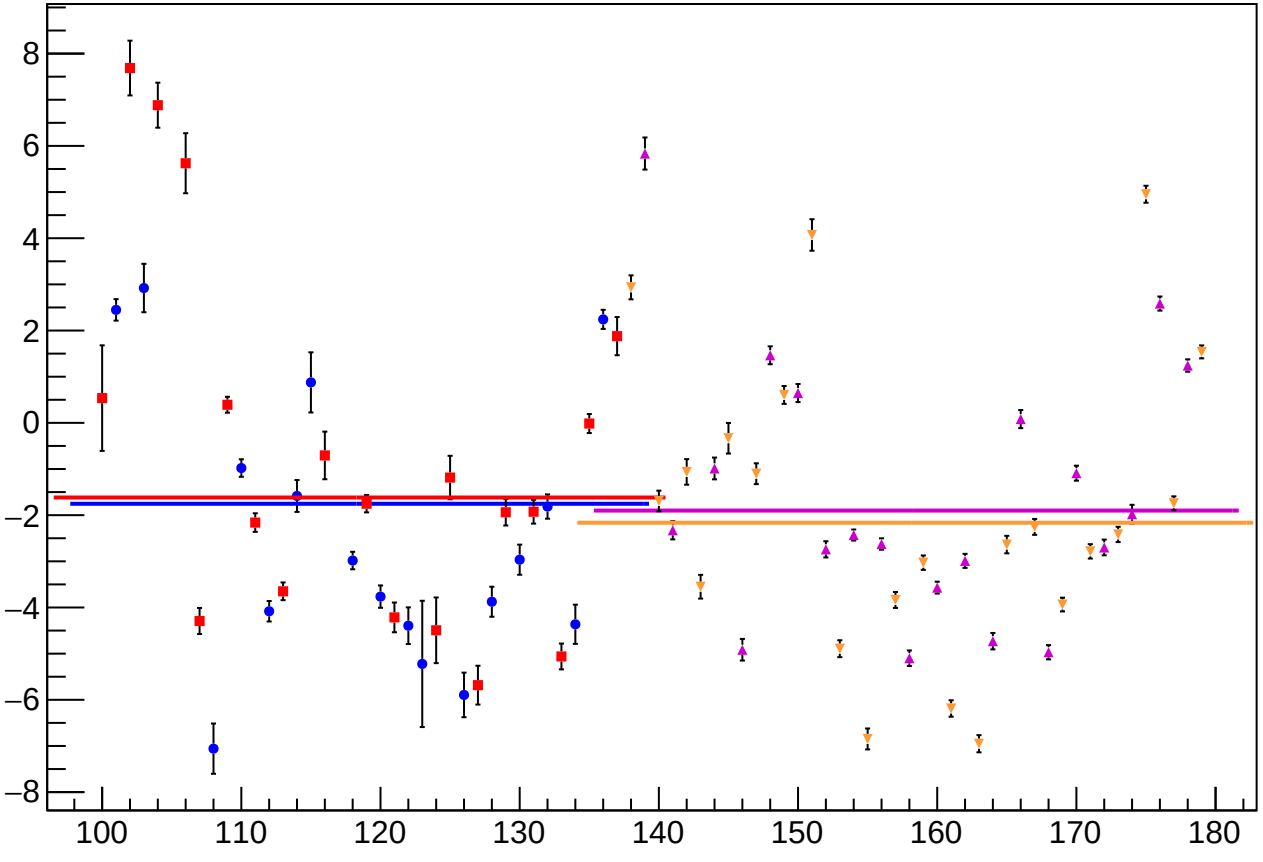
Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 15.128+/-0.040 χ^2/NDF:65835.0/36

Out: 17.150+/-0.042 χ^2/NDF:107327.8/40

All: 16.091+/-0.029 χ^2/NDF: 174398.9/77

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753+/-0.070 χ^2/NDF: 1345.0/16

Left Out: -2.164+/-0.040 χ^2/NDF:5331.0/21

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -1.900+/-0.037 χ^2/NDF:4014.5/19

Left: -2.022+/-0.027 χ^2/NDF: 9368.7/41

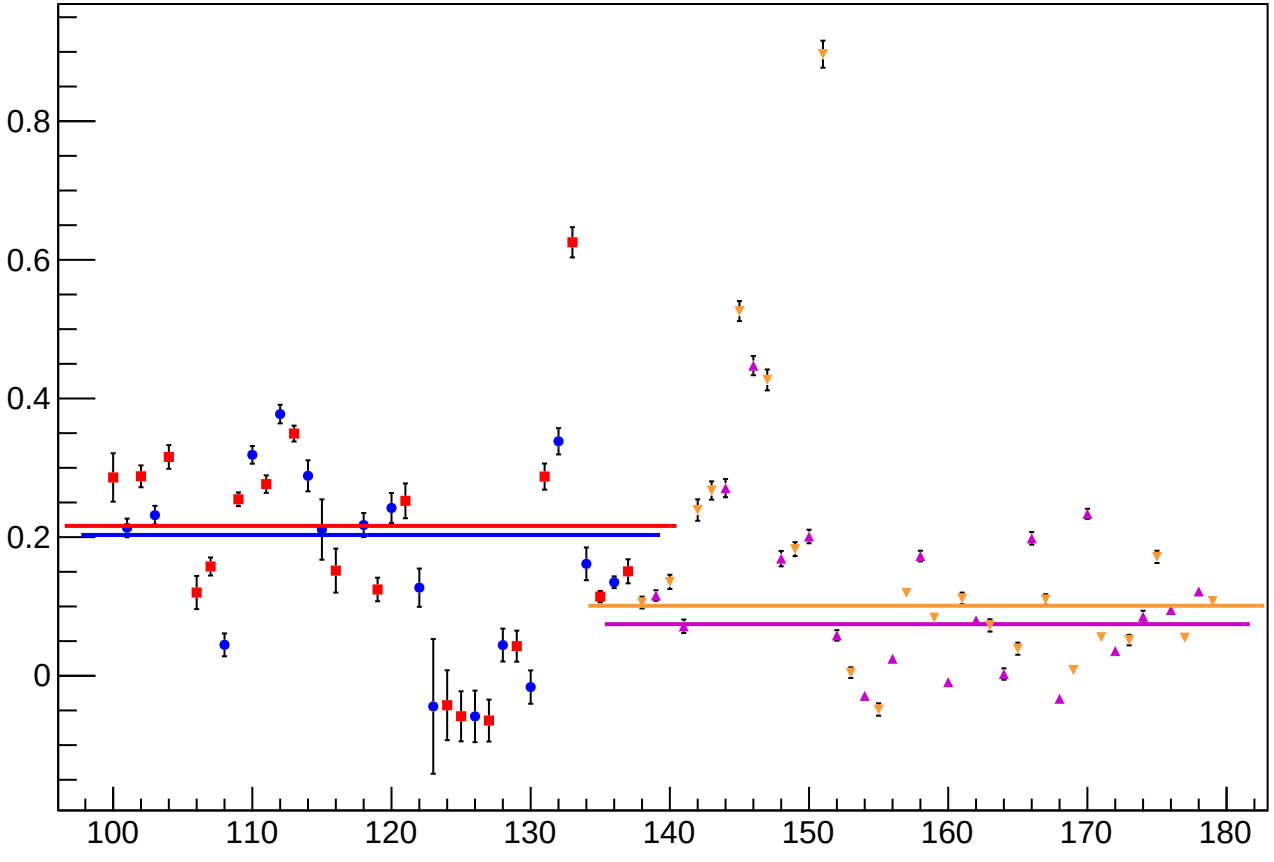
Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -1.868+/-0.033 χ^2/NDF:5362.9/36

Out: -2.015+/-0.034 χ^2/NDF:6868.9/40

All: -1.939+/-0.024 χ^2/NDF: 12241.5/77

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: 0.101+/-0.002 χ^2/NDF:4219.1/21

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.075+/-0.002 χ^2/NDF:3281.3/19

Left: 0.086+/-0.001 χ^2/NDF: 7620.2/41

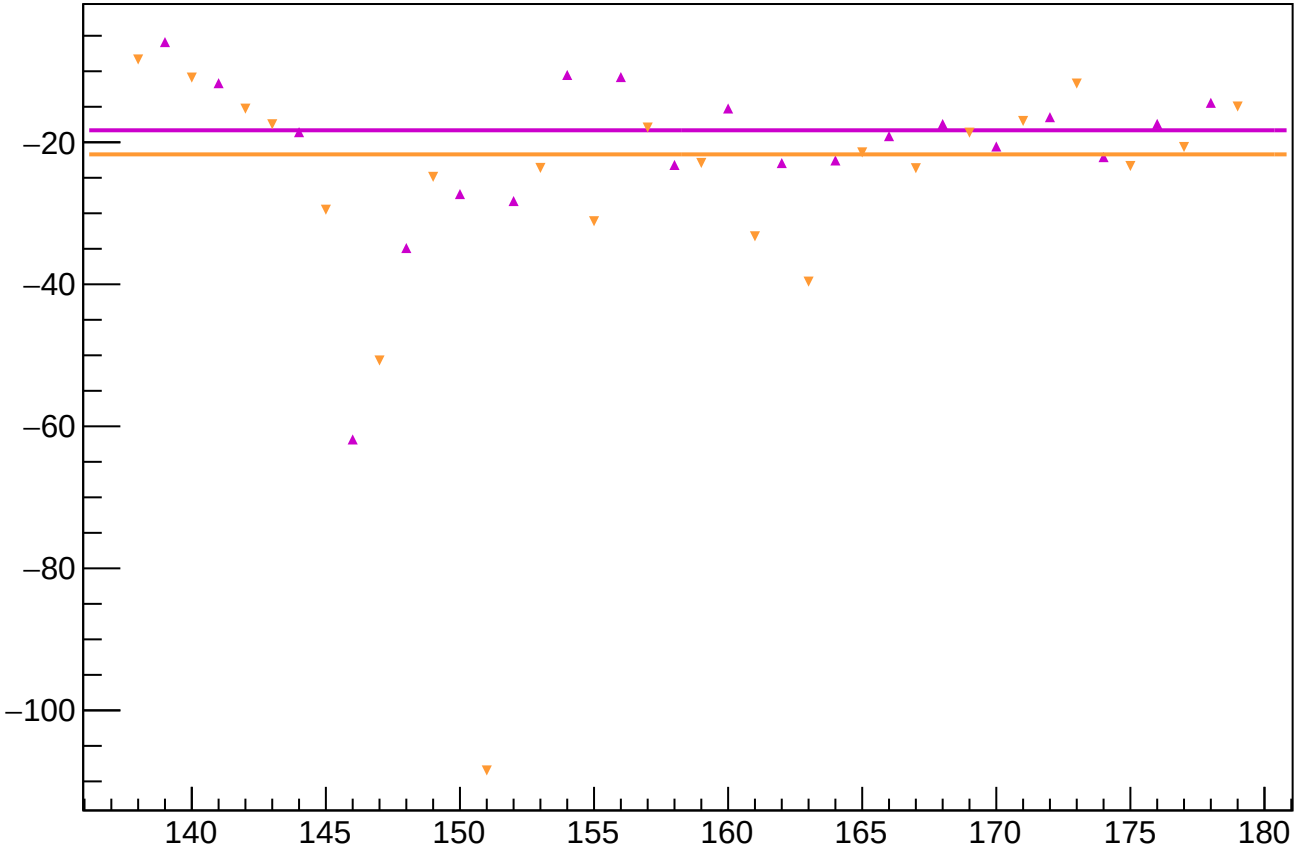
Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.092+/-0.002 χ^2/NDF:4798.2/36

Out: 0.123+/-0.002 χ^2/NDF:6073.1/40

All: 0.106+/-0.001 χ^2/NDF: 11072.8/77

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -21.703+/-0.046 χ^2/NDF:65048.4/21

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

Left In: -18.312+/-0.043 χ^2/NDF:39235.9/19

Left: -19.897+/-0.031 χ^2/NDF: 107180.2/41

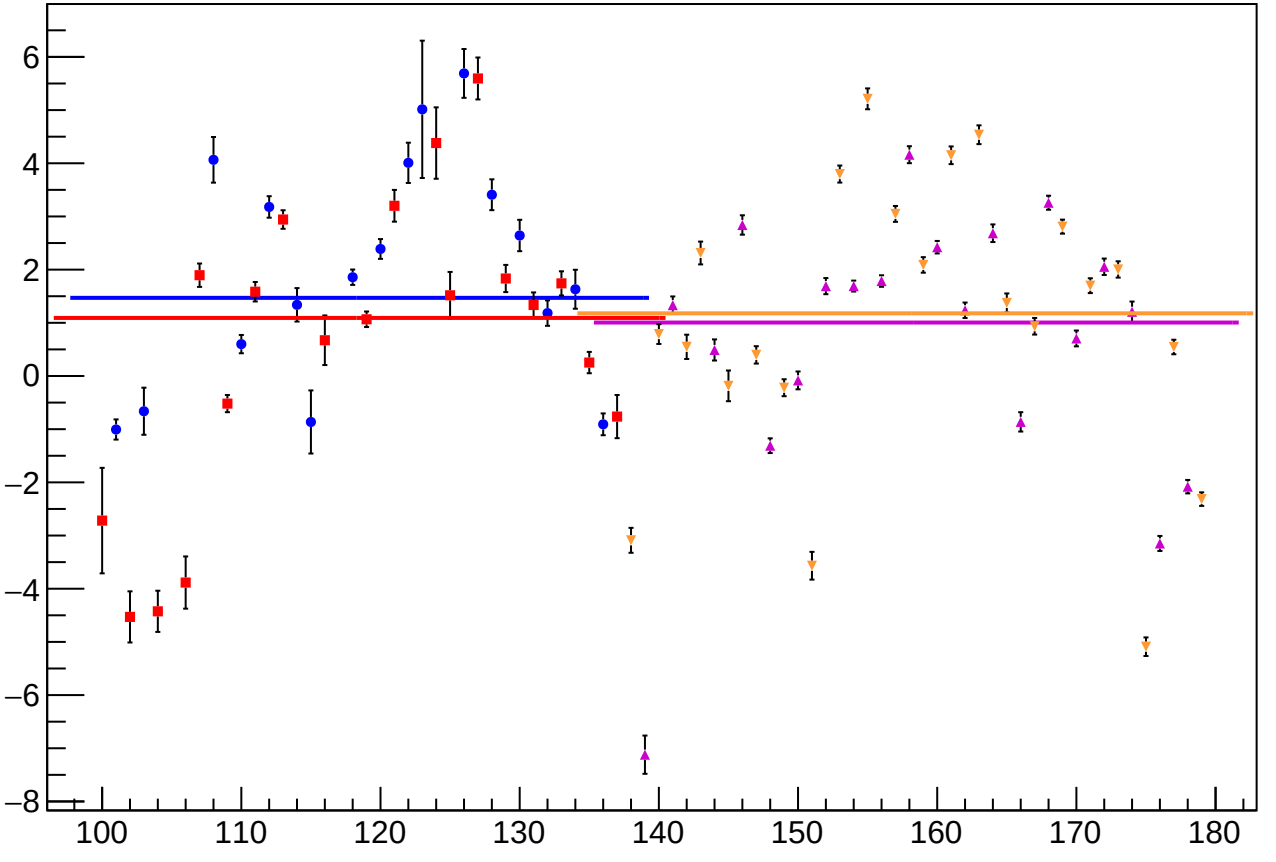
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.312+/-0.043 χ^2/NDF:39235.9/19

Out: -21.703+/-0.046 χ^2/NDF:65048.4/21

All: -19.897+/-0.031 χ^2/NDF: 107180.2/41

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470+/-0.061 χ^2/NDF: 707.9/16

Left Out: 1.178+/-0.036 χ^2/NDF:4648.6/21

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 1.005+/-0.033 χ^2/NDF:3606.4/19

Left: 1.085+/-0.024 χ^2/NDF: 8267.8/41

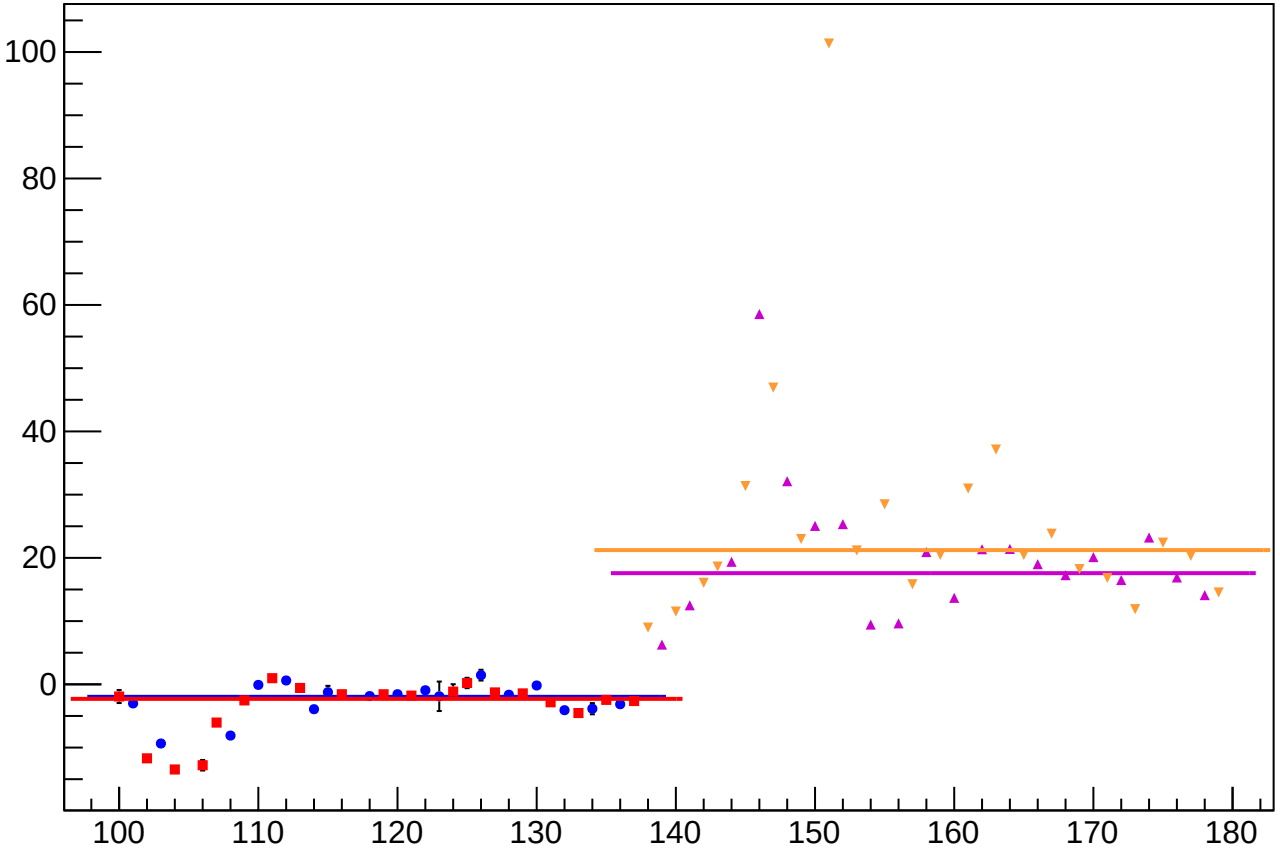
Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 1.111+/-0.029 χ^2/NDF:4359.4/36

Out: 1.155+/-0.030 χ^2/NDF:5602.3/40

All: 1.132+/-0.021 χ^2/NDF: 9962.8/77

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: 21.231+/-0.046 χ^2/NDF:58308.5/21

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 17.583+/-0.042 χ^2/NDF:37121.7/19

Left: 19.270+/-0.031 χ^2/NDF: 98876.7/41

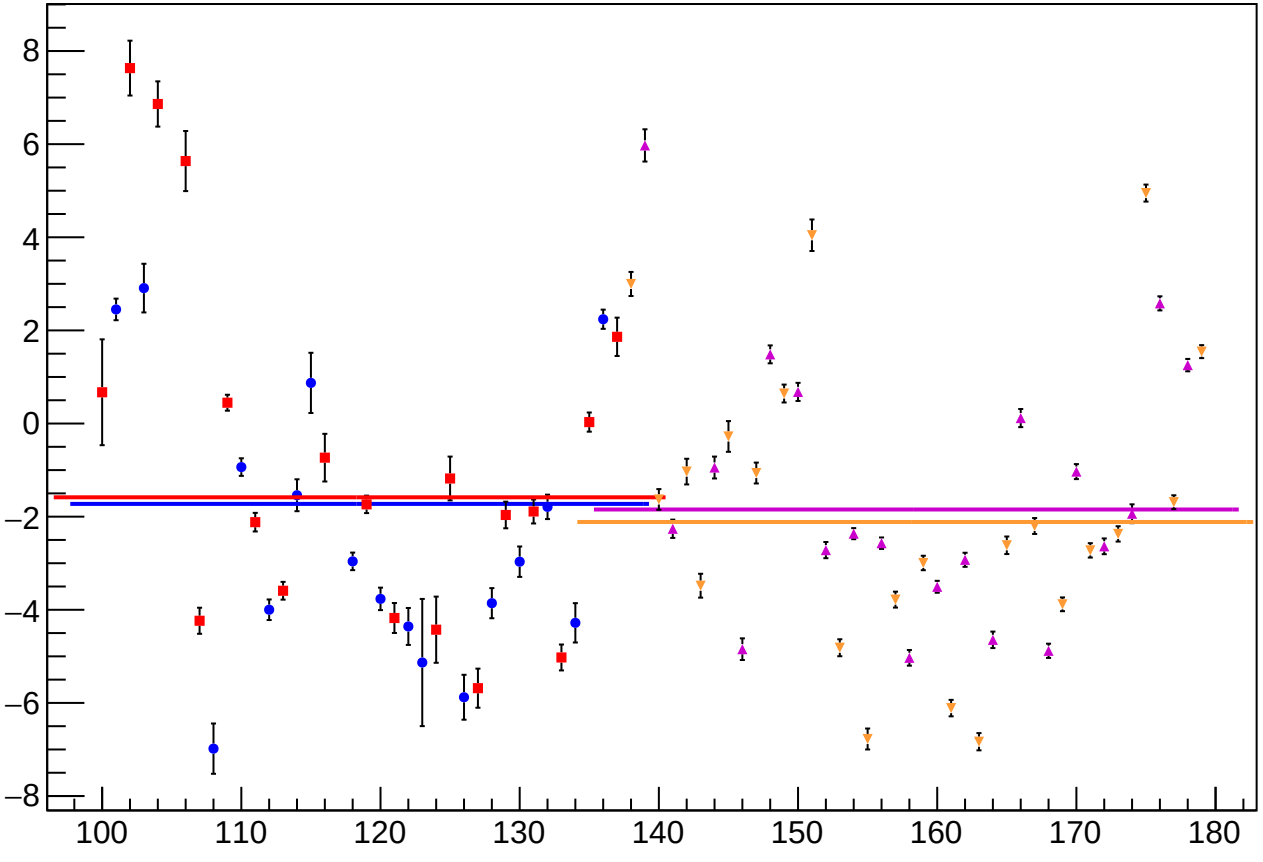
Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 15.069+/-0.039 χ^2/NDF:65119.7/36

Out: 17.079+/-0.041 χ^2/NDF:106258.8/40

All: 16.027+/-0.029 χ^2/NDF: 172615.4/77

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.726+/-0.070 χ^2/NDF: 1341.5/16

Left Out: -2.114+/-0.040 χ^2/NDF:5325.1/21

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -1.846+/-0.037 χ^2/NDF:4009.9/19

Left: -1.970+/-0.027 χ^2/NDF: 9359.3/41

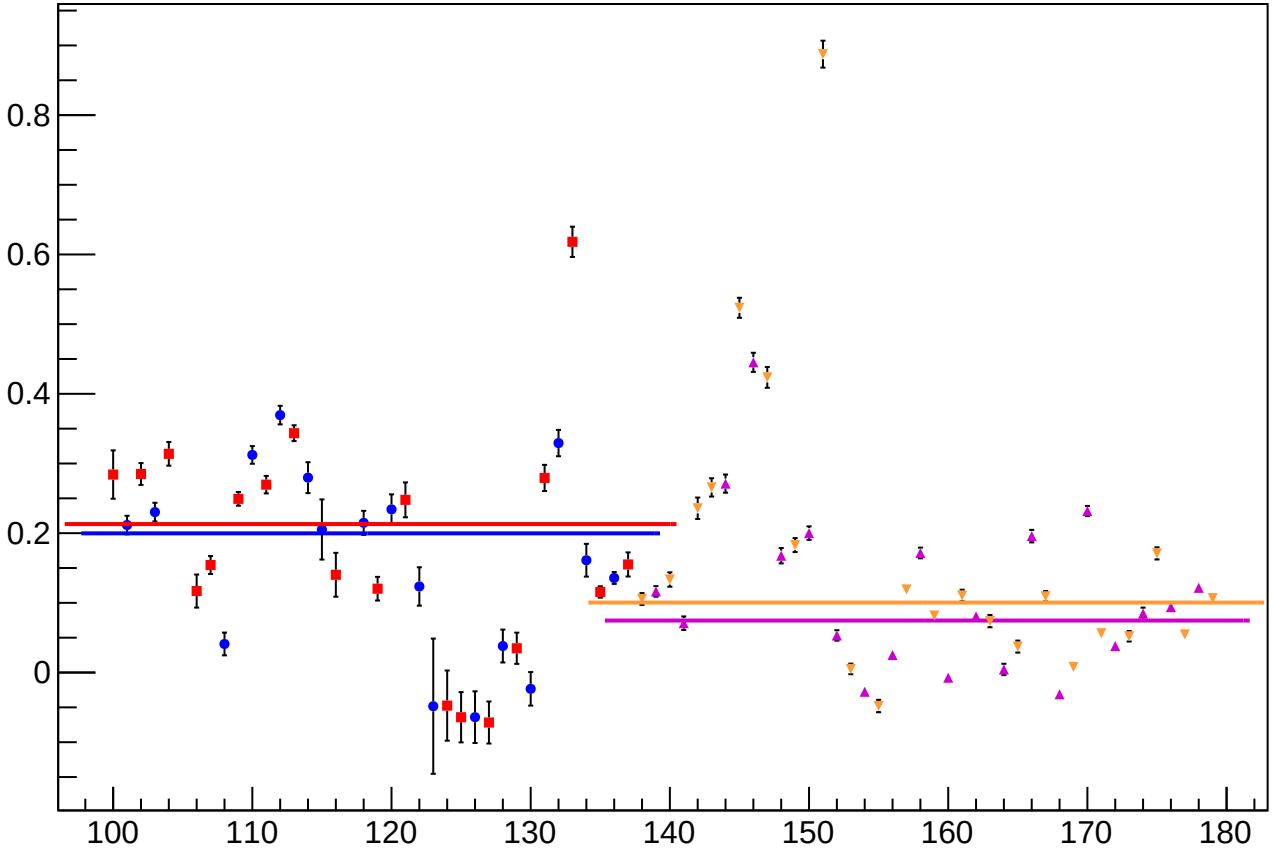
Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -1.820+/-0.033 χ^2/NDF:5353.7/36

Out: -1.971+/-0.034 χ^2/NDF:6865.7/40

All: -1.892+/-0.024 χ^2/NDF: 12229.6/77

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: 0.100+/-0.002 χ^2/NDF:4211.1/21

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.075+/-0.002 χ^2/NDF:3253.7/19

Left: 0.086+/-0.001 χ^2/NDF: 7579.9/41

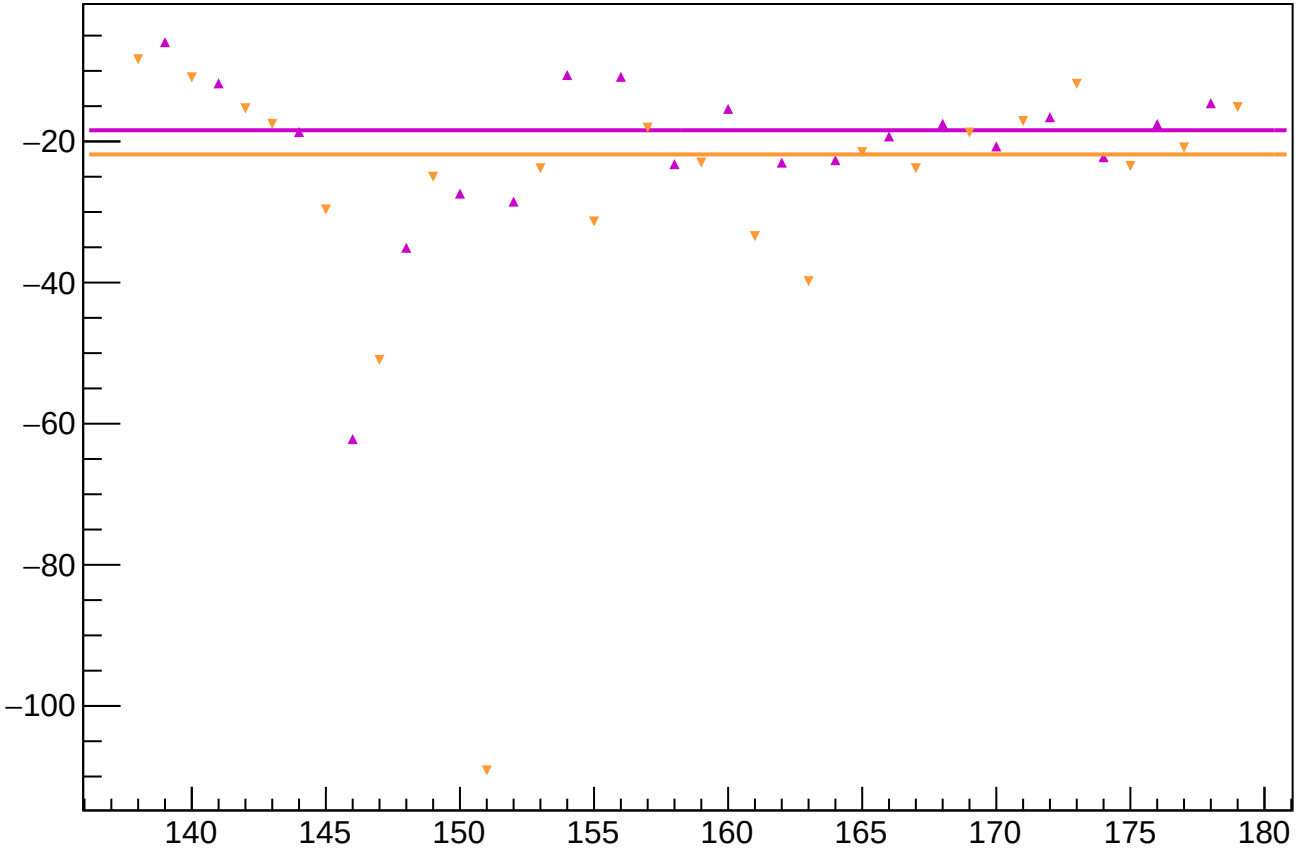
Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.091+/-0.002 χ^2/NDF:4718.6/36

Out: 0.122+/-0.002 χ^2/NDF:6022.3/40

All: 0.106+/-0.001 χ^2/NDF: 10935.7/77

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -21.841+/-0.046 χ^2/NDF:65099.1/21

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

Left In: -18.416+/-0.043 χ^2/NDF:39266.4/19

Left: -20.015+/-0.032 χ^2/NDF: 107293.2/41

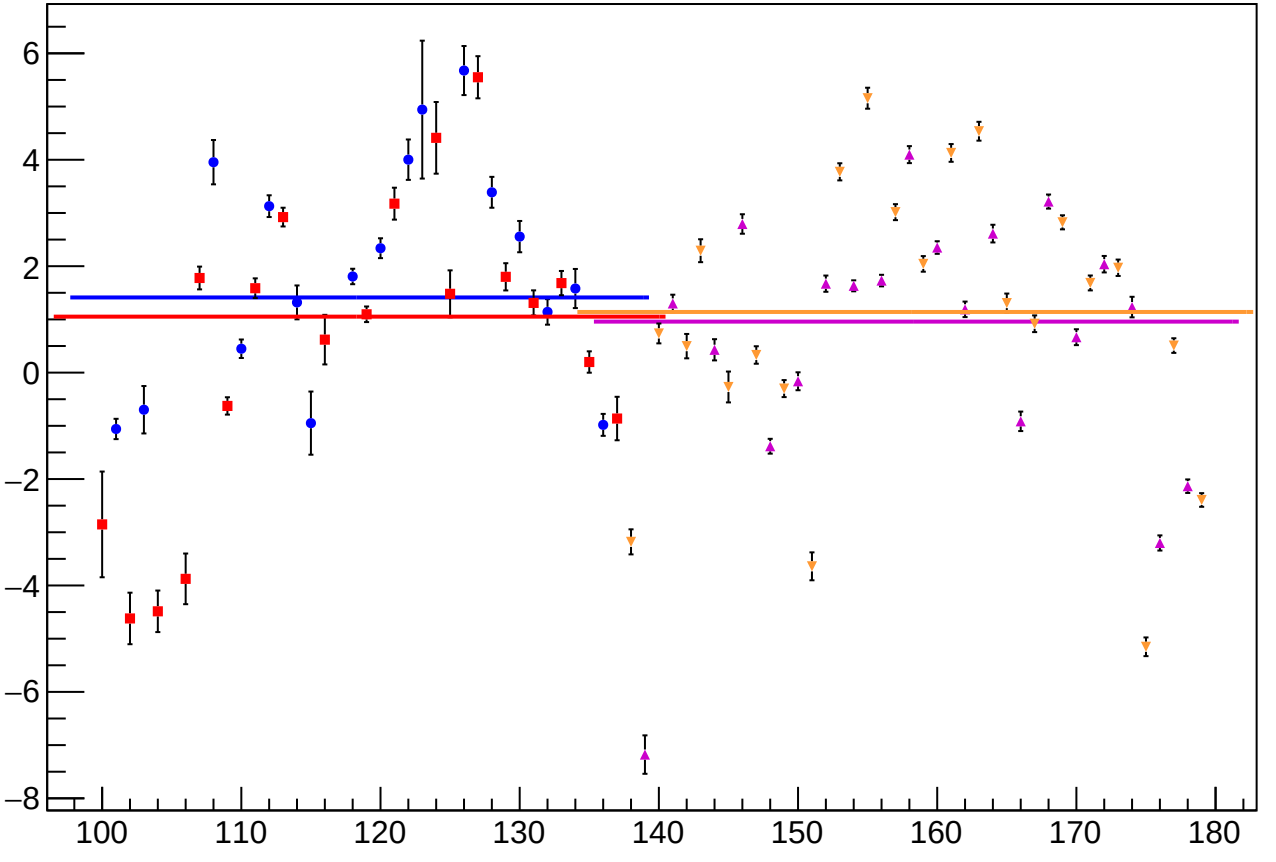
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.416+/-0.043 χ^2/NDF:39266.4/19

Out: -21.841+/-0.046 χ^2/NDF:65099.1/21

All: -20.015+/-0.032 χ^2/NDF: 107293.2/41

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413+/-0.061 χ^2/NDF: 713.9/16

Left Out: 1.140+/-0.036 χ^2/NDF:4675.6/21

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 0.958+/-0.033 χ^2/NDF:3579.9/19

Left: 1.042+/-0.024 χ^2/NDF: 8269.4/41

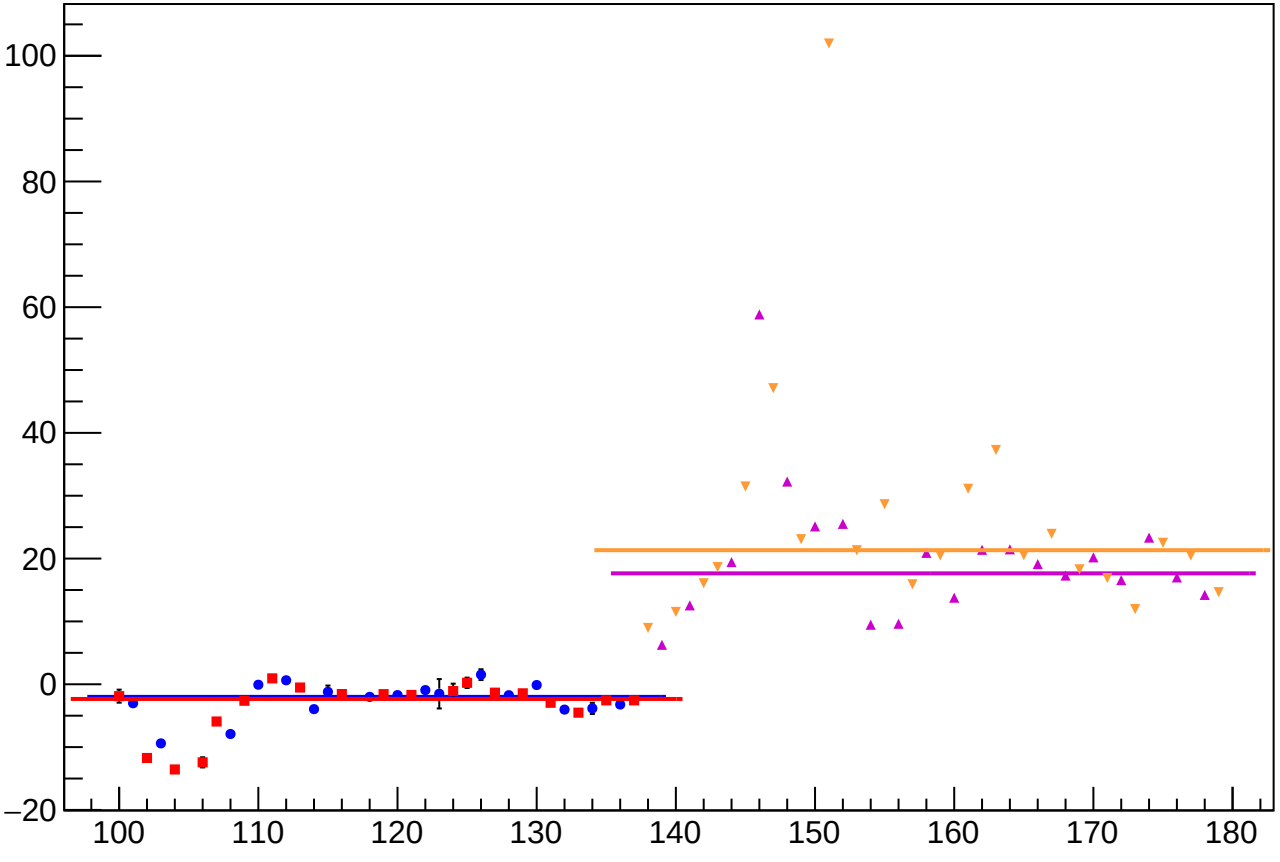
Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 1.061+/-0.029 χ^2/NDF:4336.6/36

Out: 1.116+/-0.030 χ^2/NDF:5640.6/40

All: 1.087+/-0.021 χ^2/NDF: 9978.8/77

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: 21.332+/-0.046 χ^2/NDF:58348.6/21

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 17.648+/-0.042 χ^2/NDF:37169.4/19

Left: 19.351+/-0.031 χ^2/NDF: 99002.1/41

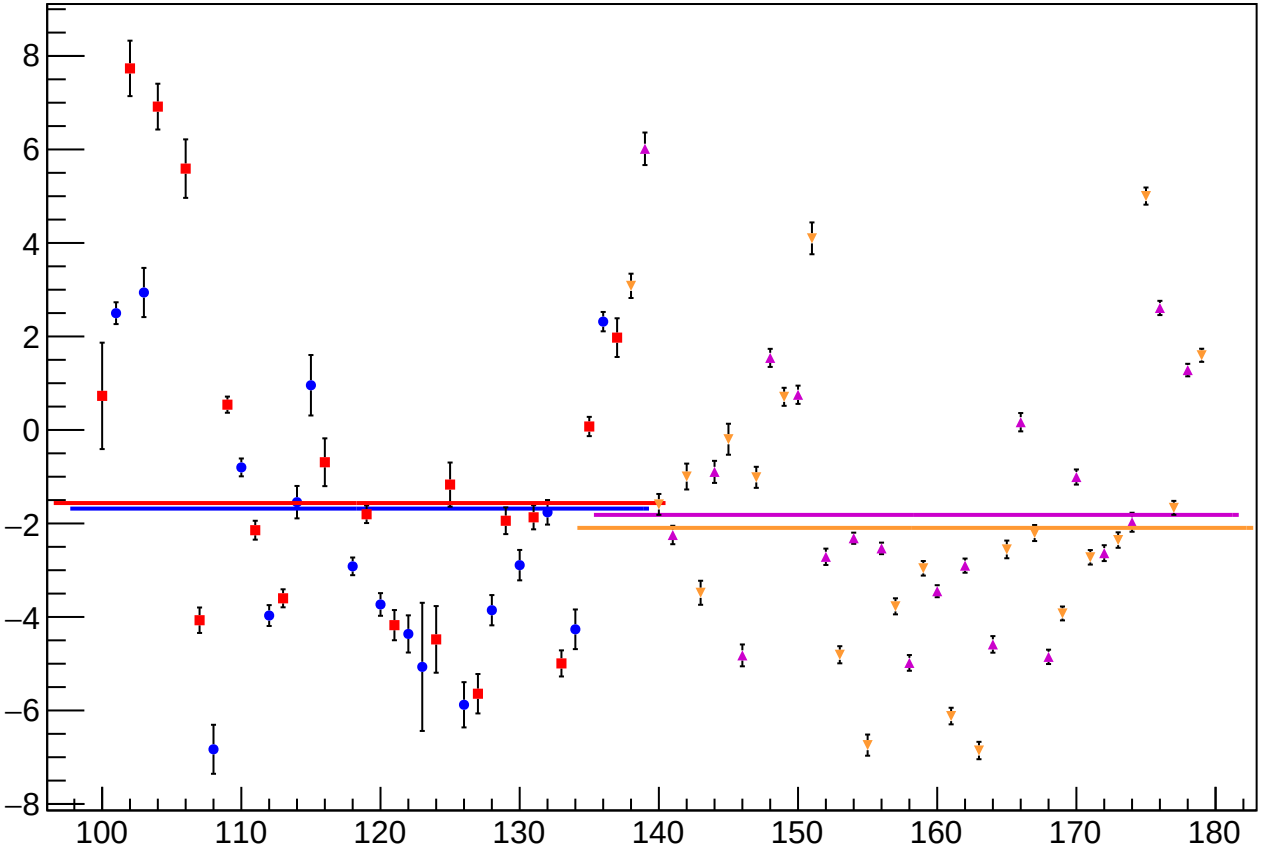
Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 15.127+/-0.040 χ^2/NDF:65150.2/36

Out: 17.157+/-0.042 χ^2/NDF:106407.6/40

All: 16.094+/-0.029 χ^2/NDF: 172807.9/77

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.682+/-0.070 χ^2/NDF: 1347.8/16

Left Out: -2.094+/-0.040 χ^2/NDF:5357.5/21

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -1.817+/-0.037 χ^2/NDF:3975.4/19

Left: -1.945+/-0.027 χ^2/NDF: 9358.8/41

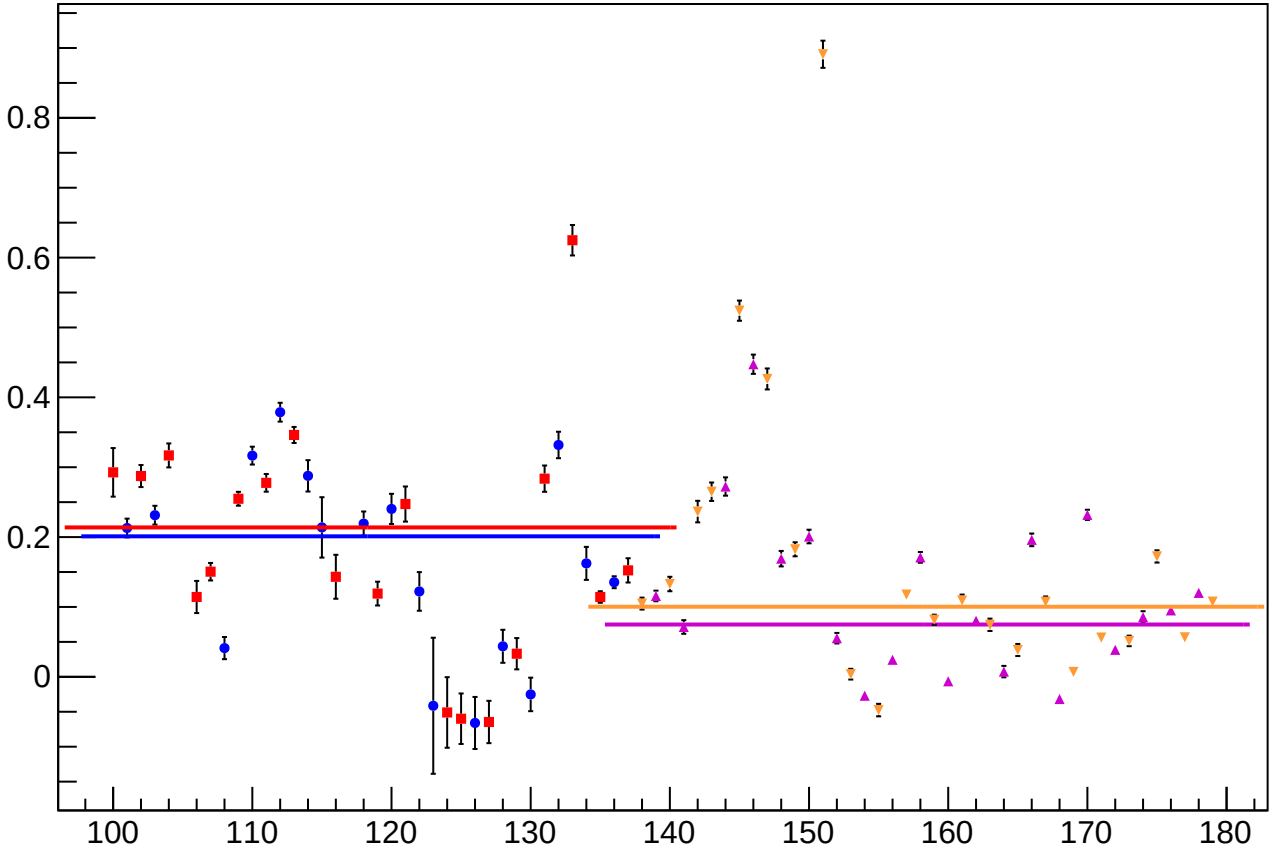
Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -1.787+/-0.033 χ^2/NDF:5326.1/36

Out: -1.950+/-0.034 χ^2/NDF:6909.9/40

All: -1.865+/-0.024 χ^2/NDF: 12247.8/77

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: 0.100+/-0.002 χ^2/NDF:4195.8/21

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.075+/-0.002 χ^2/NDF:3228.4/19

Left: 0.086+/-0.001 χ^2/NDF: 7535.4/41

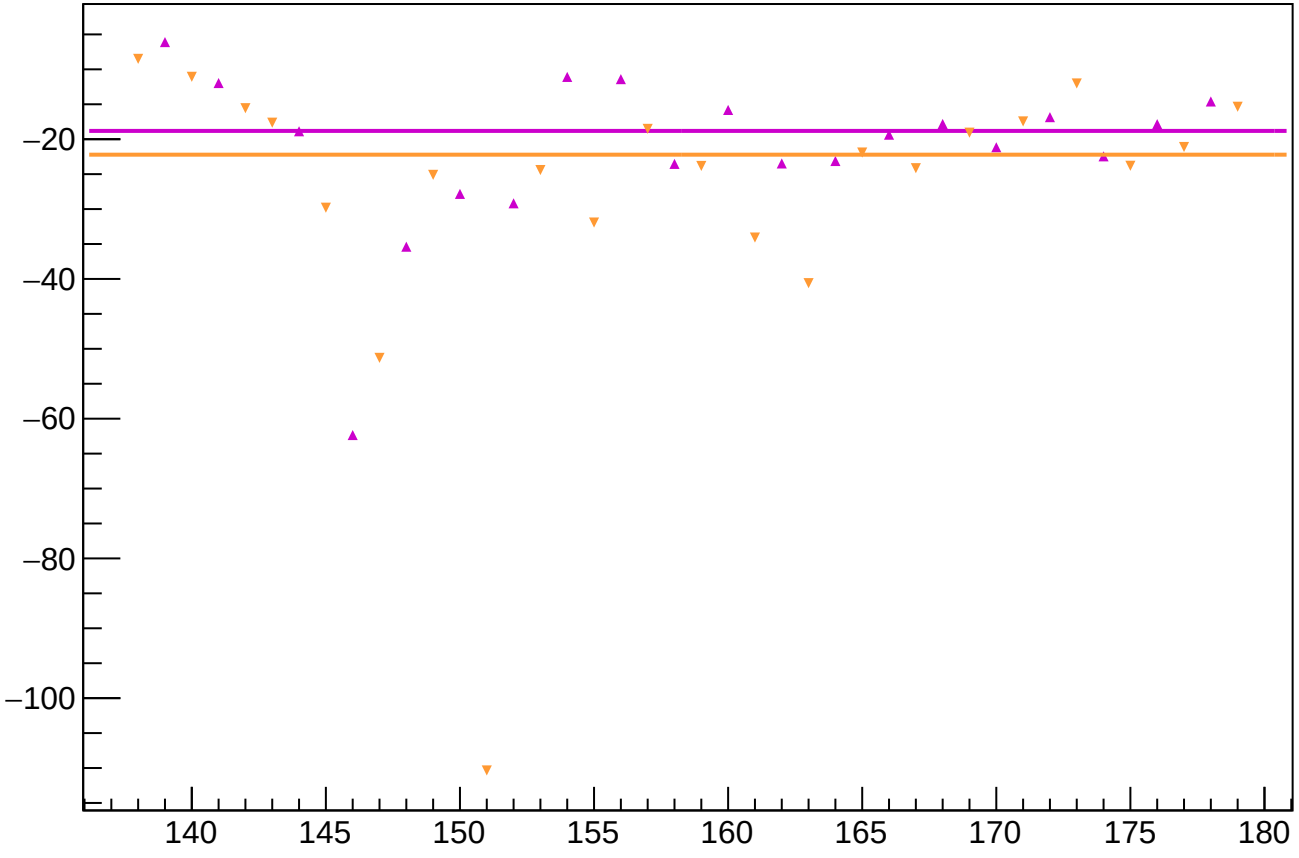
Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.092+/-0.002 χ^2/NDF:4730.4/36

Out: 0.122+/-0.002 χ^2/NDF:6046.9/40

All: 0.106+/-0.001 χ^2/NDF: 10967.4/77

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -22.214+/-0.047 χ^2/NDF:64986.3/21

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

Left In: -18.812+/-0.044 χ^2/NDF:38296.3/19

Left: -20.406+/-0.032 χ^2/NDF: 106052.5/41

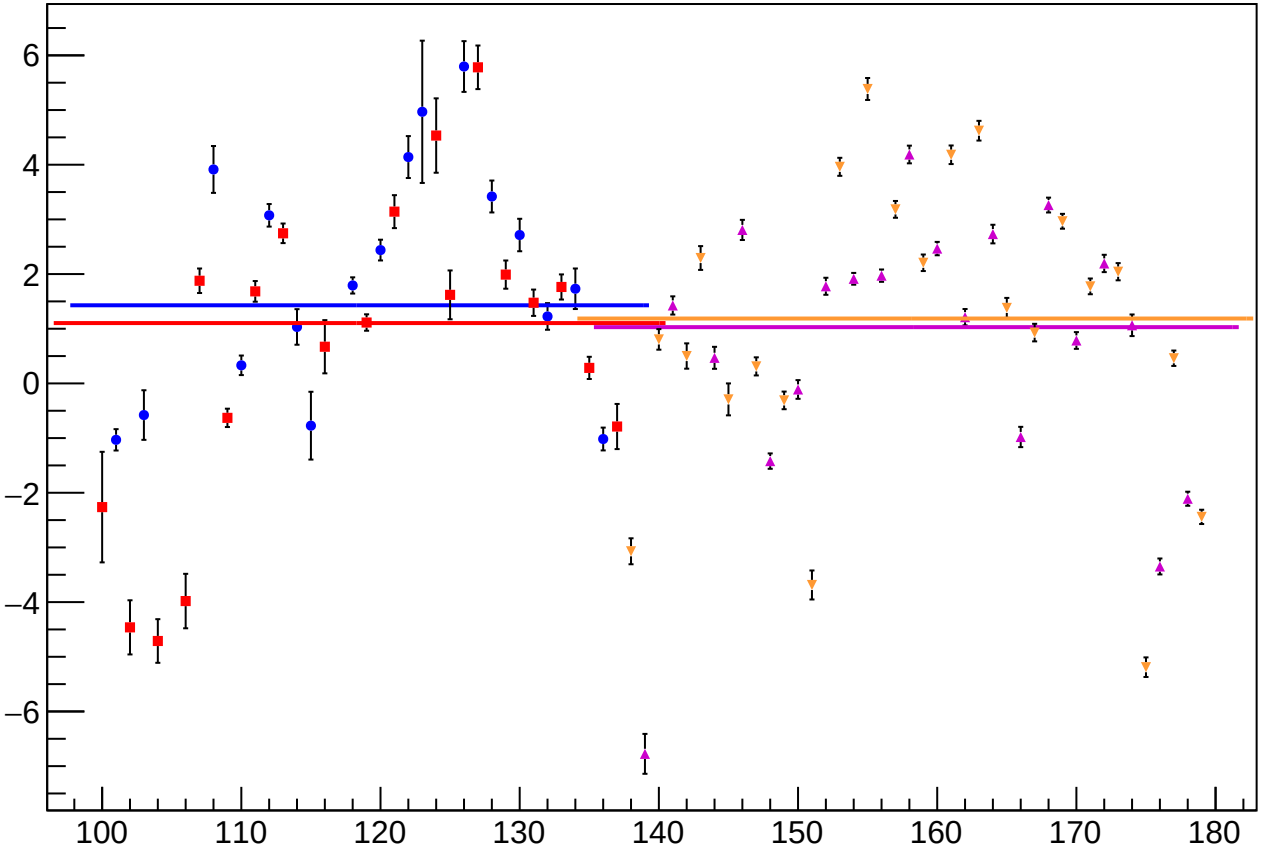
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.812+/-0.044 χ^2/NDF:38296.3/19

Out: -22.214+/-0.047 χ^2/NDF:64986.3/21

All: -20.406+/-0.032 χ^2/NDF: 106052.5/41

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429+/-0.062 χ^2/NDF: 711.4/16

Left Out: 1.187+/-0.036 χ^2/NDF:4729.4/21

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 1.029+/-0.034 χ^2/NDF:3631.5/19

Left: 1.102+/-0.025 χ^2/NDF: 8370.9/41

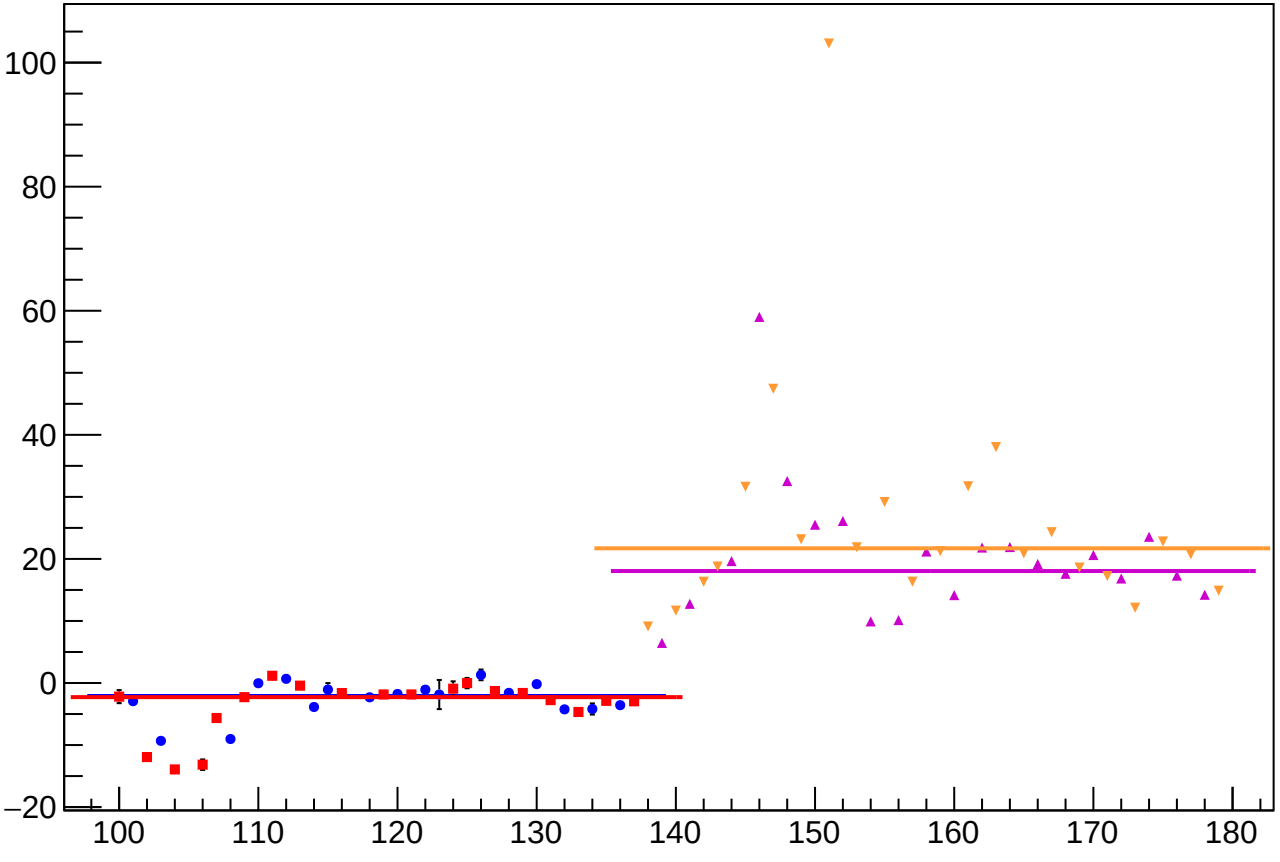
Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 1.121+/-0.030 χ^2/NDF:4374.8/36

Out: 1.164+/-0.031 χ^2/NDF:5667.3/40

All: 1.141+/-0.021 χ^2/NDF: 10043.1/77

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: 21.709+/-0.047 χ^2/NDF:58131.9/21

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 18.049+/-0.043 χ^2/NDF:36034.1/19

Left: 19.746+/-0.032 χ^2/NDF: 97461.2/41

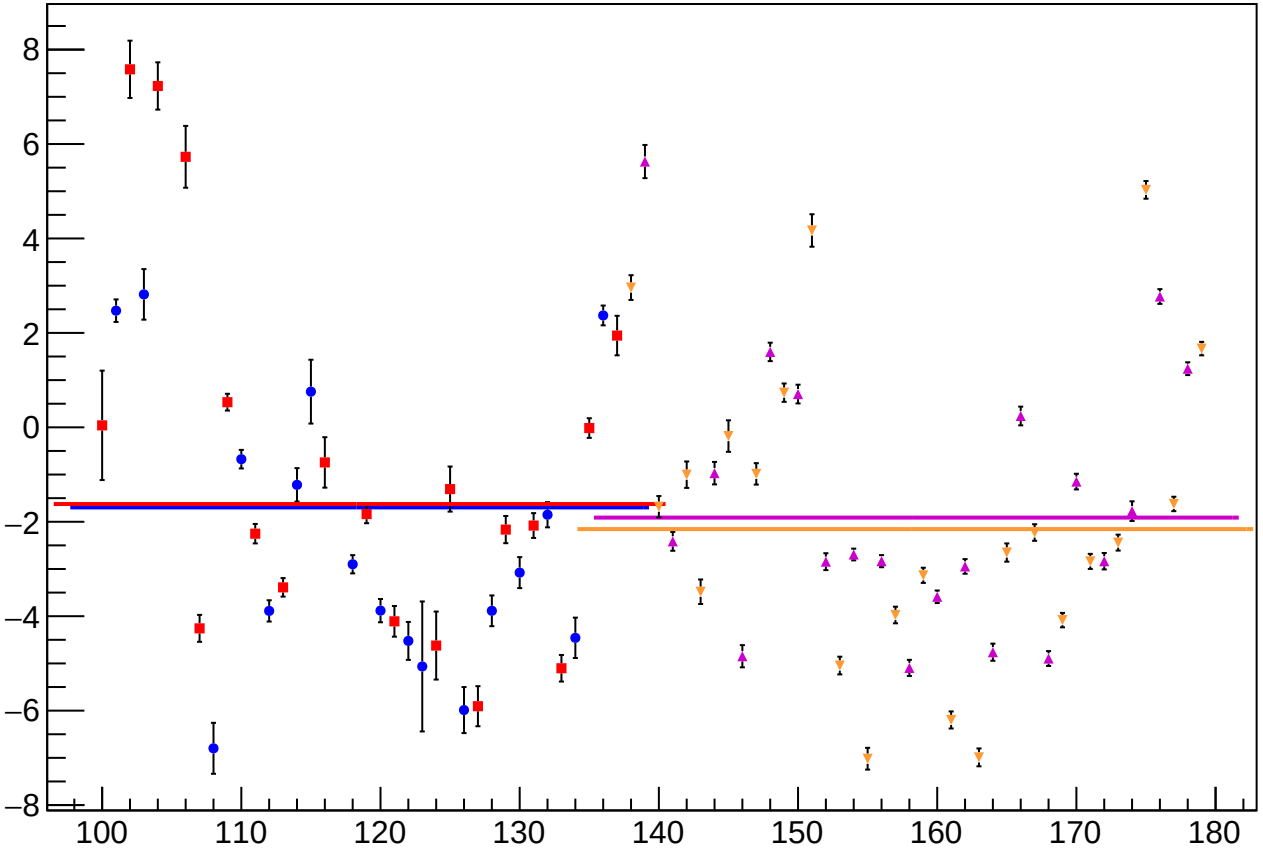
Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 15.441+/-0.041 χ^2/NDF:64383.9/36

Out: 17.485+/-0.042 χ^2/NDF:105513.5/40

All: 16.417+/-0.029 χ^2/NDF: 171112.0/77

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696+/-0.072 χ^2/NDF: 1333.3/16

Left Out: -2.155+/-0.041 χ^2/NDF:5414.5/21

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -1.912+/-0.038 χ^2/NDF:4020.8/19

Left: -2.024+/-0.028 χ^2/NDF: 9454.3/41

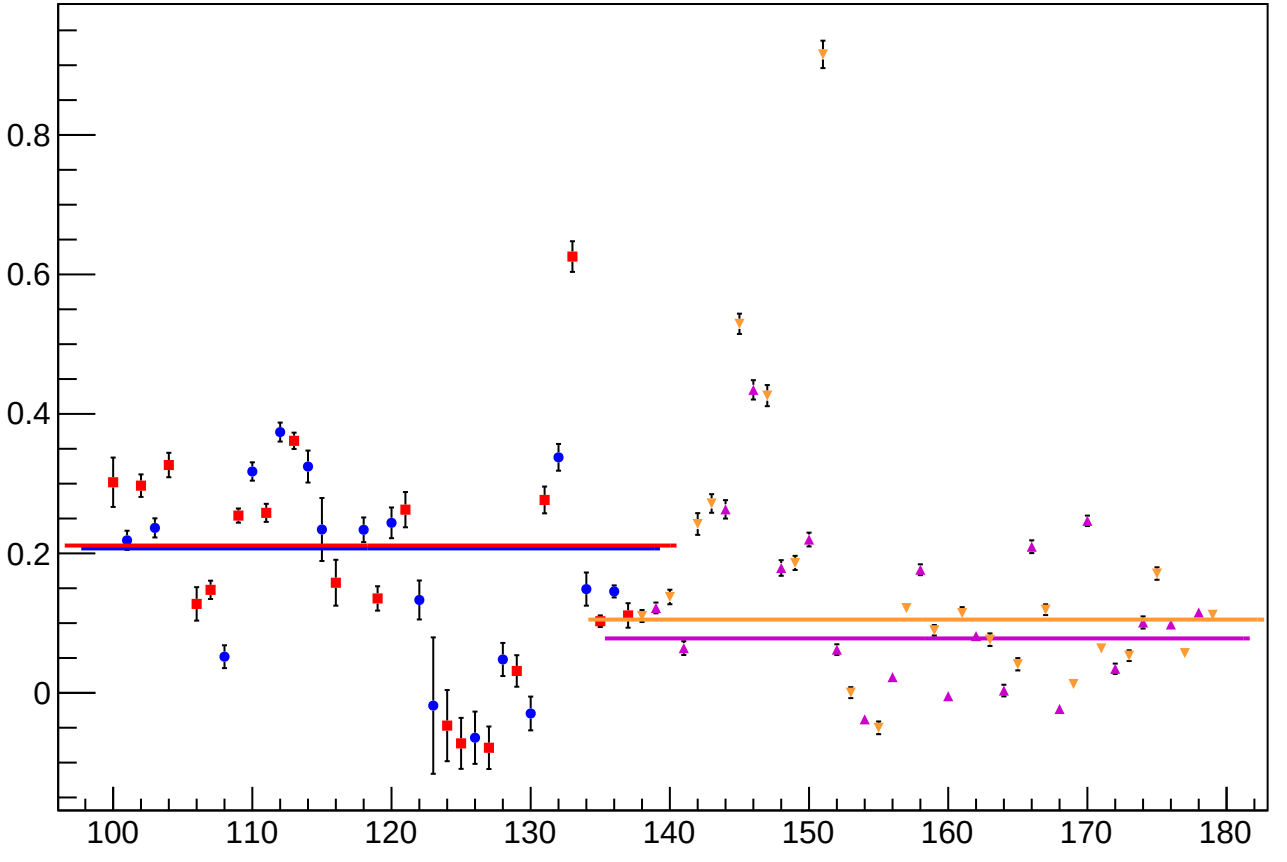
Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -1.864+/-0.034 χ^2/NDF:5361.2/36

Out: -2.011+/-0.035 χ^2/NDF:6927.5/40

All: -1.935+/-0.024 χ^2/NDF: 12297.9/77

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: 0.105+/-0.002 χ^2/NDF:4220.1/21

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.078+/-0.002 χ^2/NDF:3306.6/19

Left: 0.090+/-0.001 χ^2/NDF: 7646.5/41

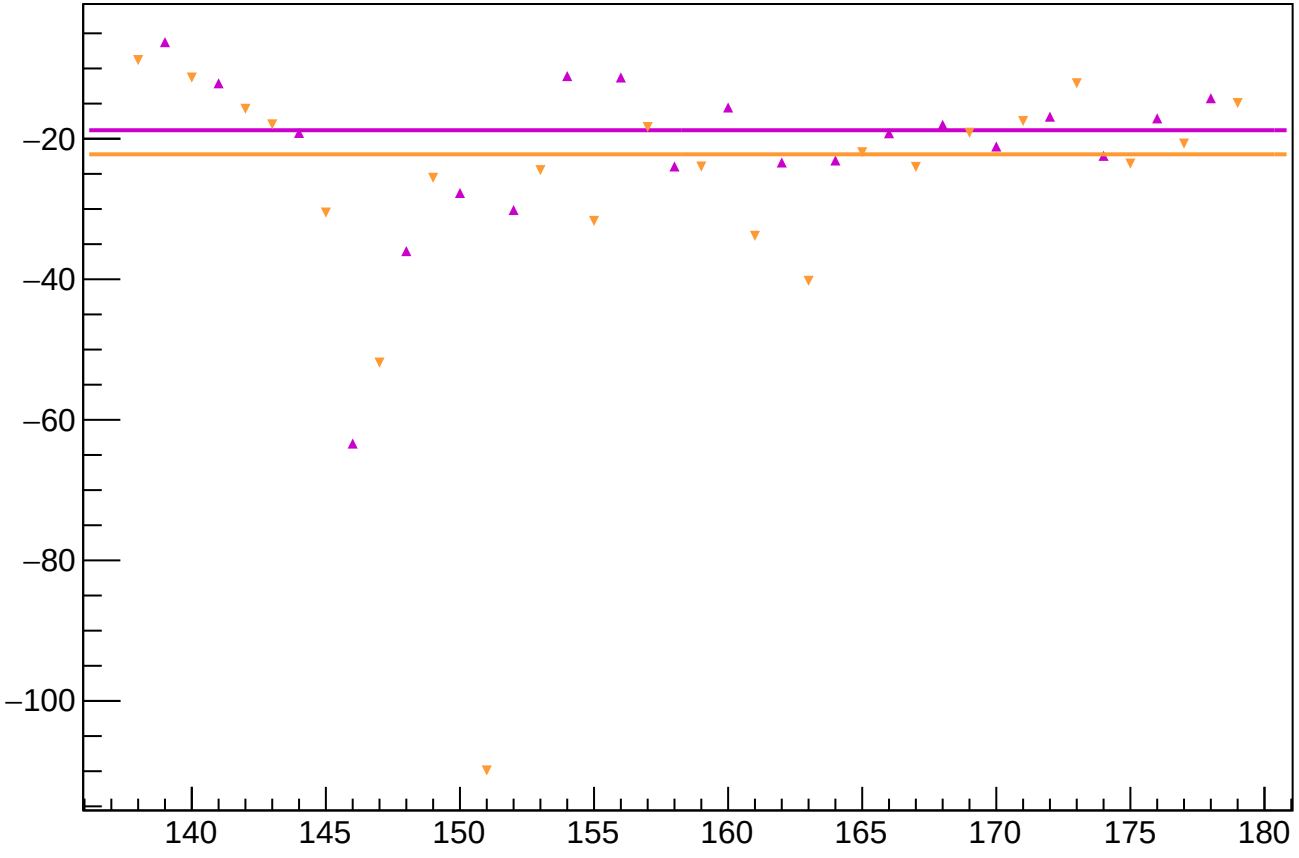
Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.095+/-0.002 χ^2/NDF:4780.3/36

Out: 0.125+/-0.002 χ^2/NDF:6011.1/40

All: 0.109+/-0.001 χ^2/NDF: 10968.2/77

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: -22.217+/-0.047 χ^2/NDF:64226.1/21

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

Left In: -18.791+/-0.045 χ^2/NDF:38863.4/19

Left: -20.397+/-0.032 χ^2/NDF: 105865.0/41

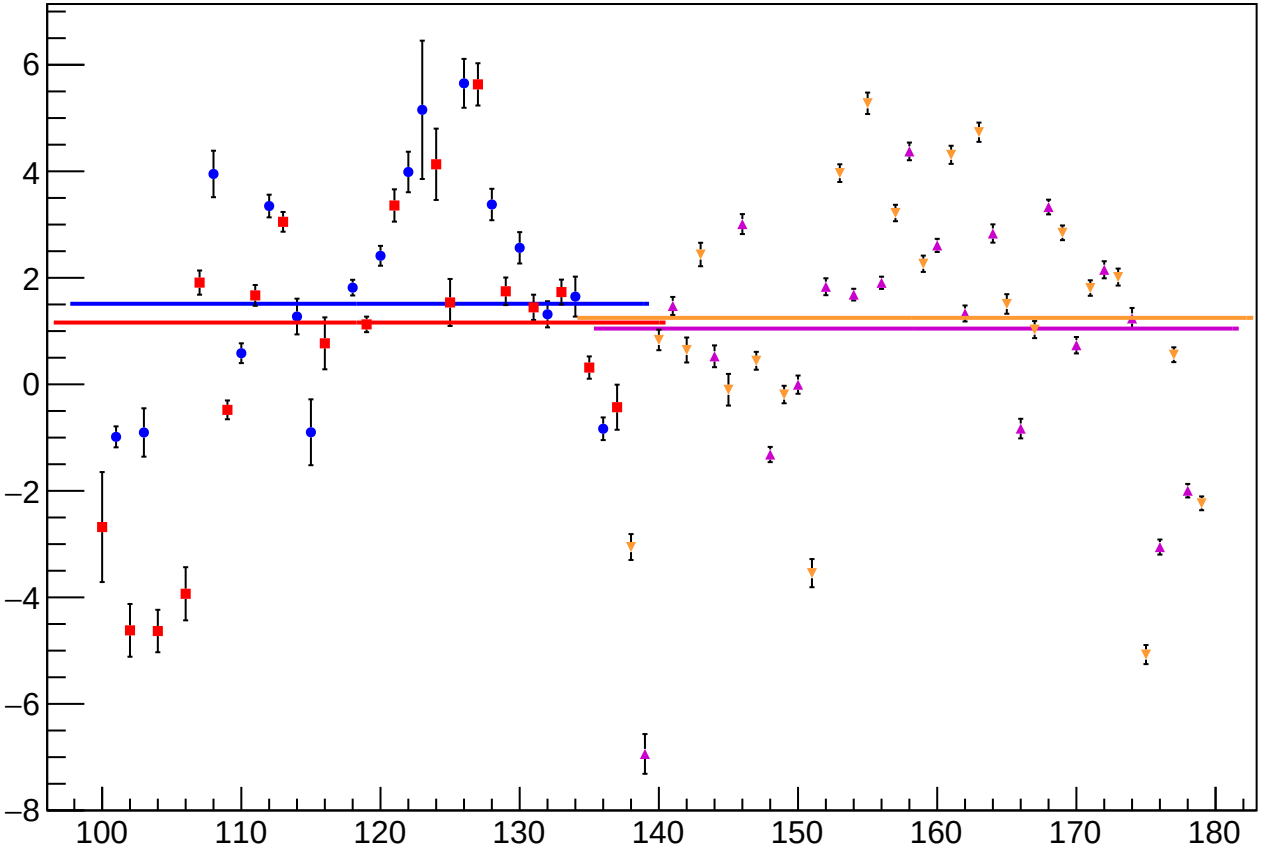
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.791+/-0.045 χ^2/NDF:38863.4/19

Out: -22.217+/-0.047 χ^2/NDF:64226.1/21

All: -20.397+/-0.032 χ^2/NDF: 105865.0/41

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513+/-0.063 χ^2/NDF: 669.7/16

Left Out: 1.248+/-0.037 χ^2/NDF:4540.0/21

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 1.047+/-0.034 χ^2/NDF:3523.6/19

Left: 1.141+/-0.025 χ^2/NDF: 8079.7/41

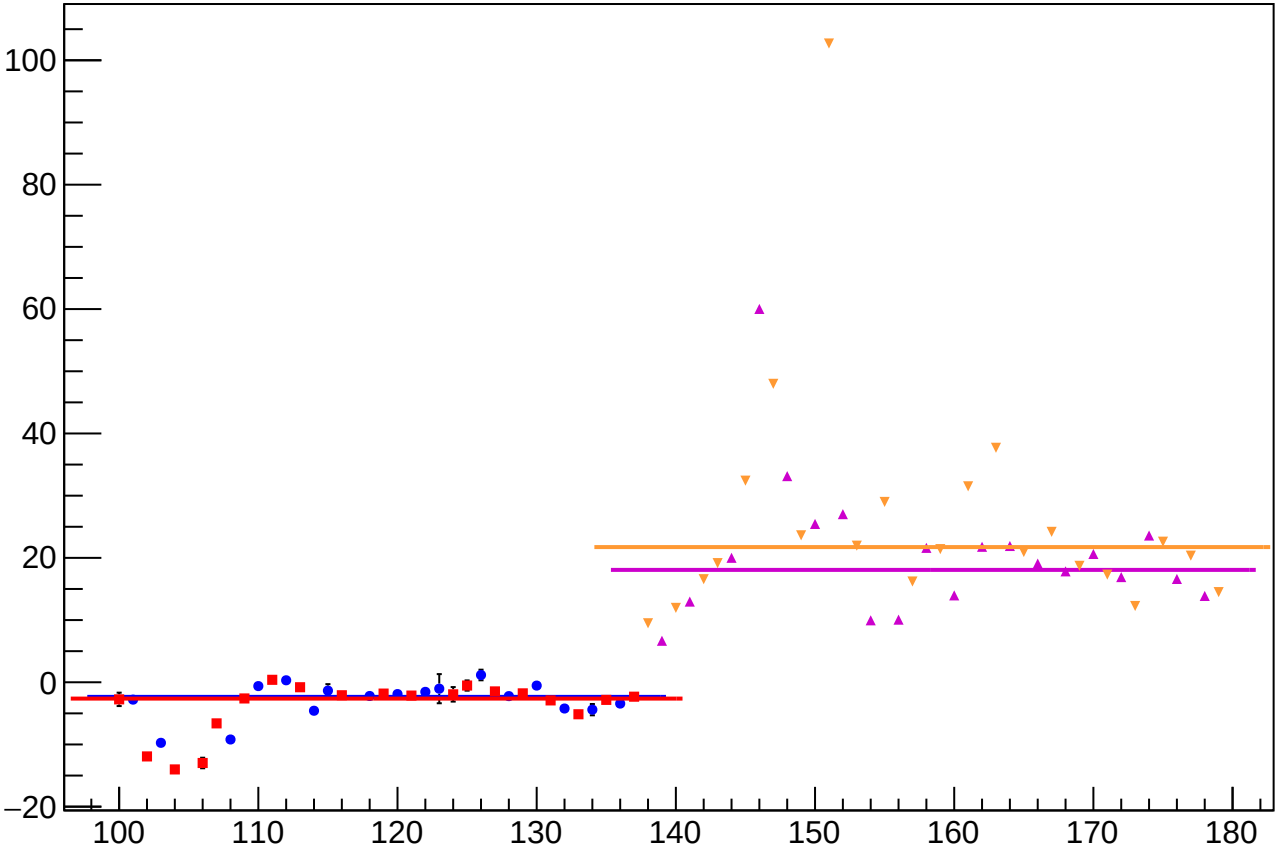
Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 1.154+/-0.030 χ^2/NDF:4235.9/36

Out: 1.224+/-0.031 χ^2/NDF:5458.6/40

All: 1.188+/-0.022 χ^2/NDF: 9697.1/77

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: 21.734+/-0.047 χ^2/NDF:57601.7/21

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 18.067+/-0.044 χ^2/NDF:36590.1/19

Left: 19.769+/-0.032 χ^2/NDF: 97459.1/41

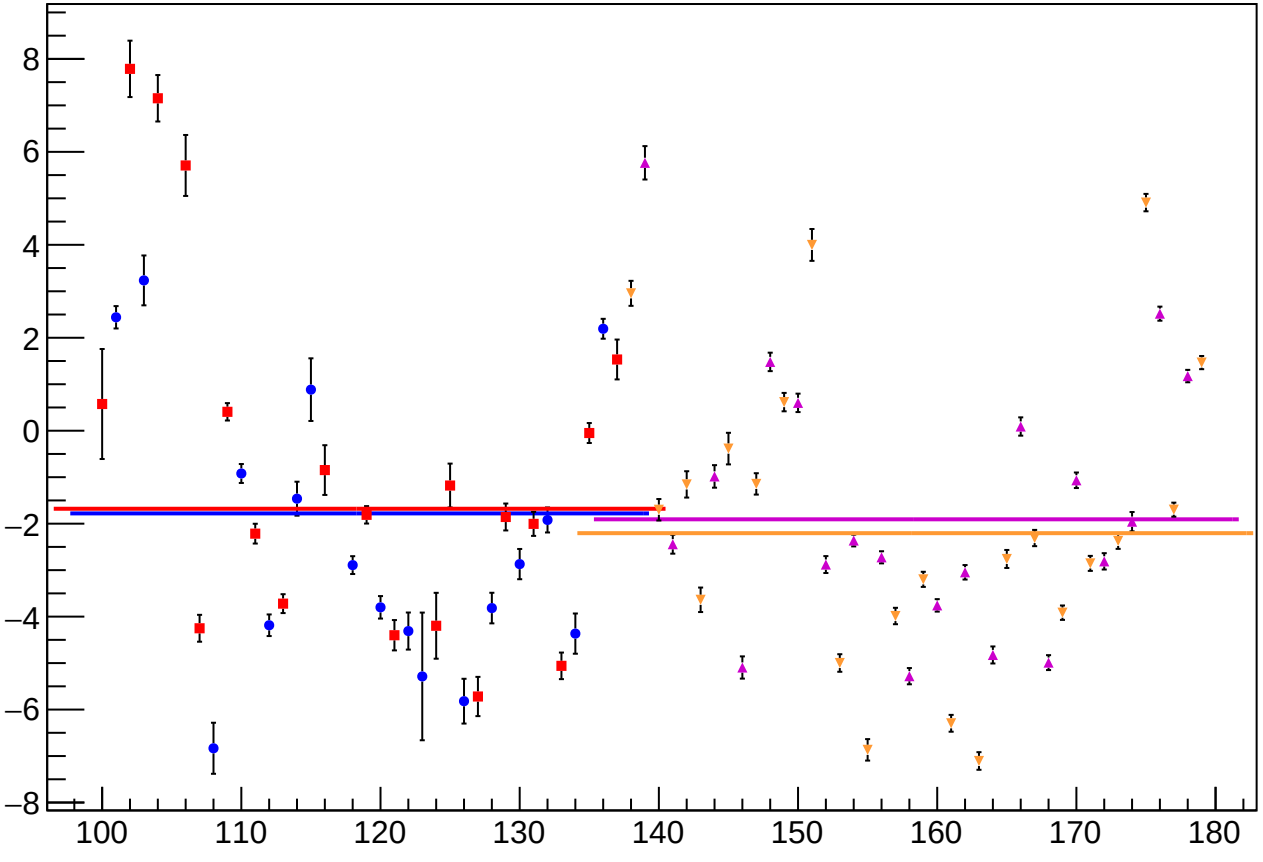
Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 15.463+/-0.041 χ^2/NDF:64867.0/36

Out: 17.559+/-0.043 χ^2/NDF:104572.5/40

All: 16.463+/-0.030 χ^2/NDF: 170697.4/77

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.779+/-0.072 χ^2/NDF: 1272.1/16

Left Out: -2.204+/-0.041 χ^2/NDF:5213.8/21

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -1.906+/-0.038 χ^2/NDF:3966.8/19

Left: -2.045+/-0.028 χ^2/NDF: 9208.7/41

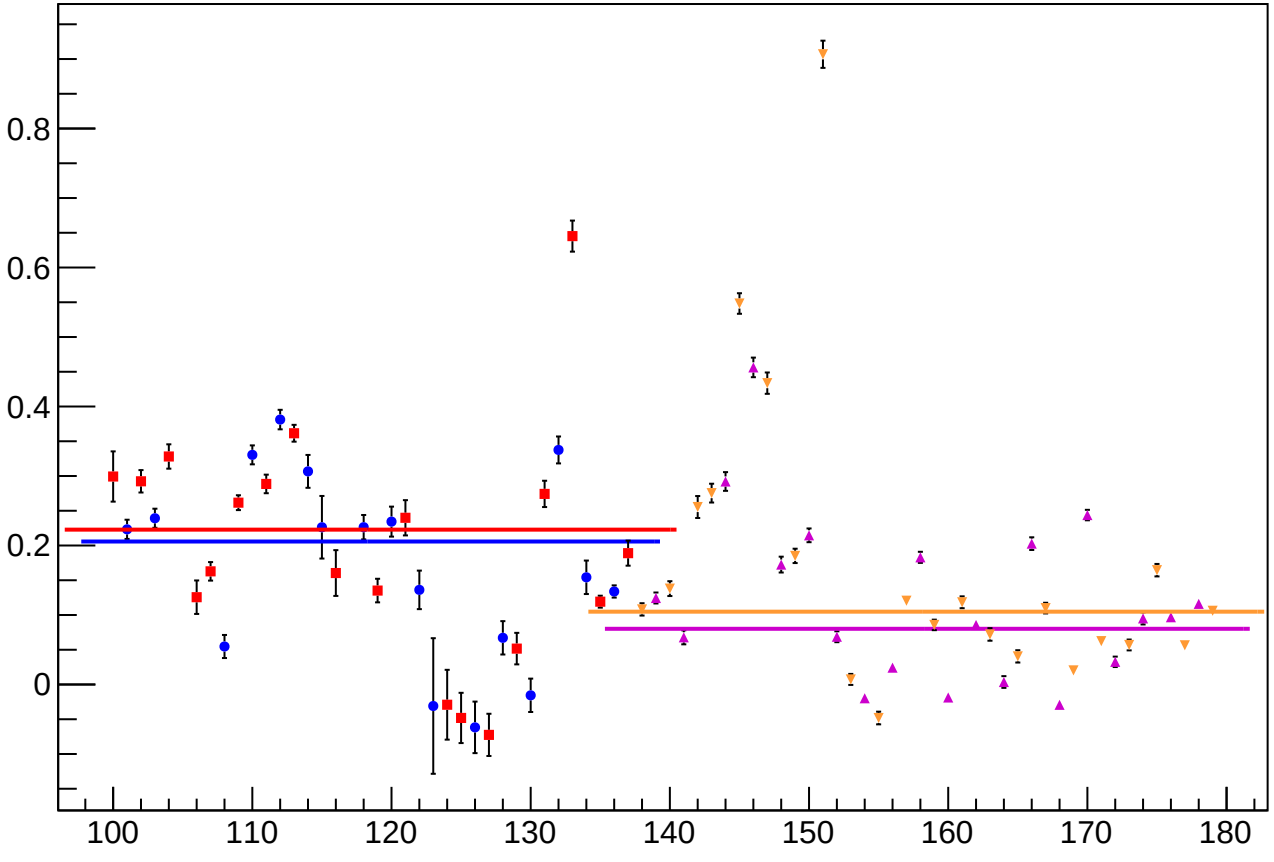
Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -1.879+/-0.034 χ^2/NDF:5241.3/36

Out: -2.064+/-0.035 χ^2/NDF:6687.0/40

All: -1.968+/-0.024 χ^2/NDF: 11942.7/77

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: 0.105+/-0.002 χ^2/NDF:4190.4/21

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.080+/-0.002 χ^2/NDF:3273.1/19

Left: 0.091+/-0.001 χ^2/NDF: 7561.7/41

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.097+/-0.002 χ^2/NDF:4679.3/36

Out: 0.127+/-0.002 χ^2/NDF:6002.6/40

All: 0.111+/-0.001 χ^2/NDF: 10855.4/77