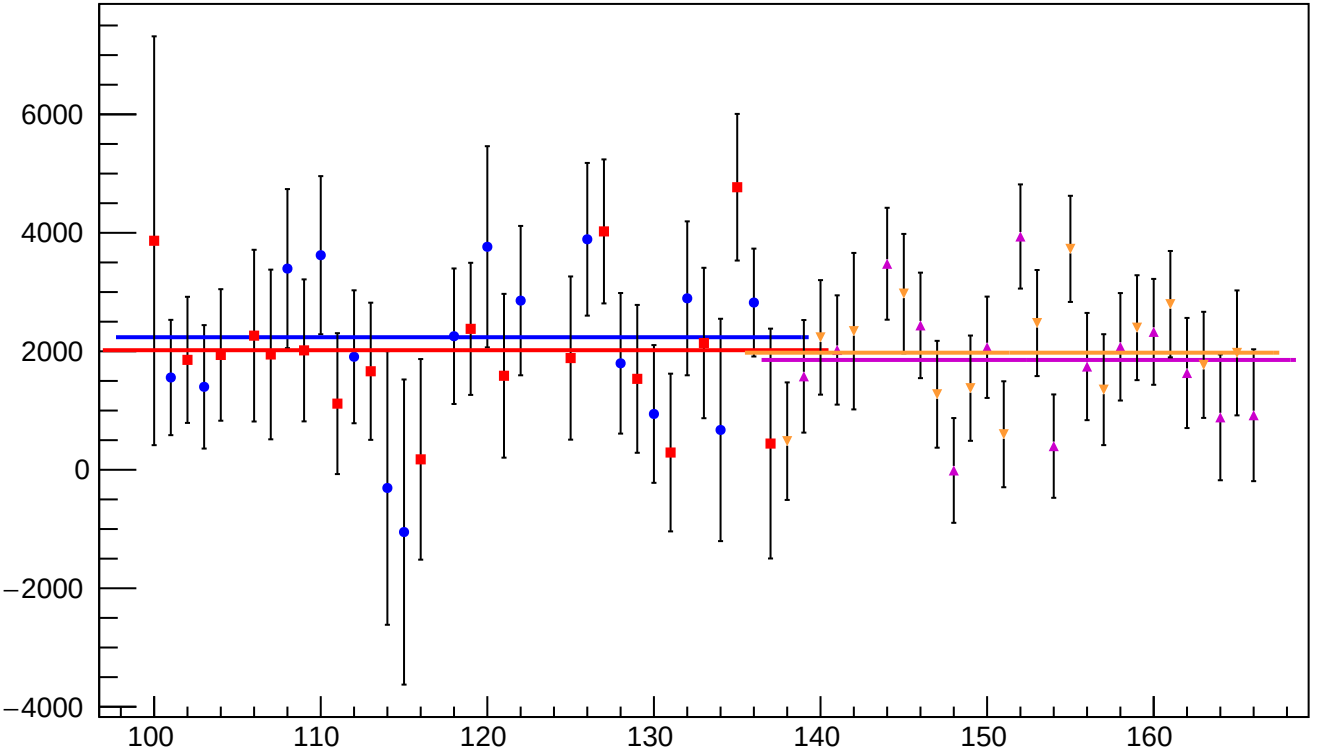
dit_asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1976.571+/-252.477 χ^2/NDF:12.5/13

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

Left In: 1854.168+/-246.512 χ^2/NDF:18.4/13

Left: 1913.907+/-176.381 χ^2/NDF: 31.0/27

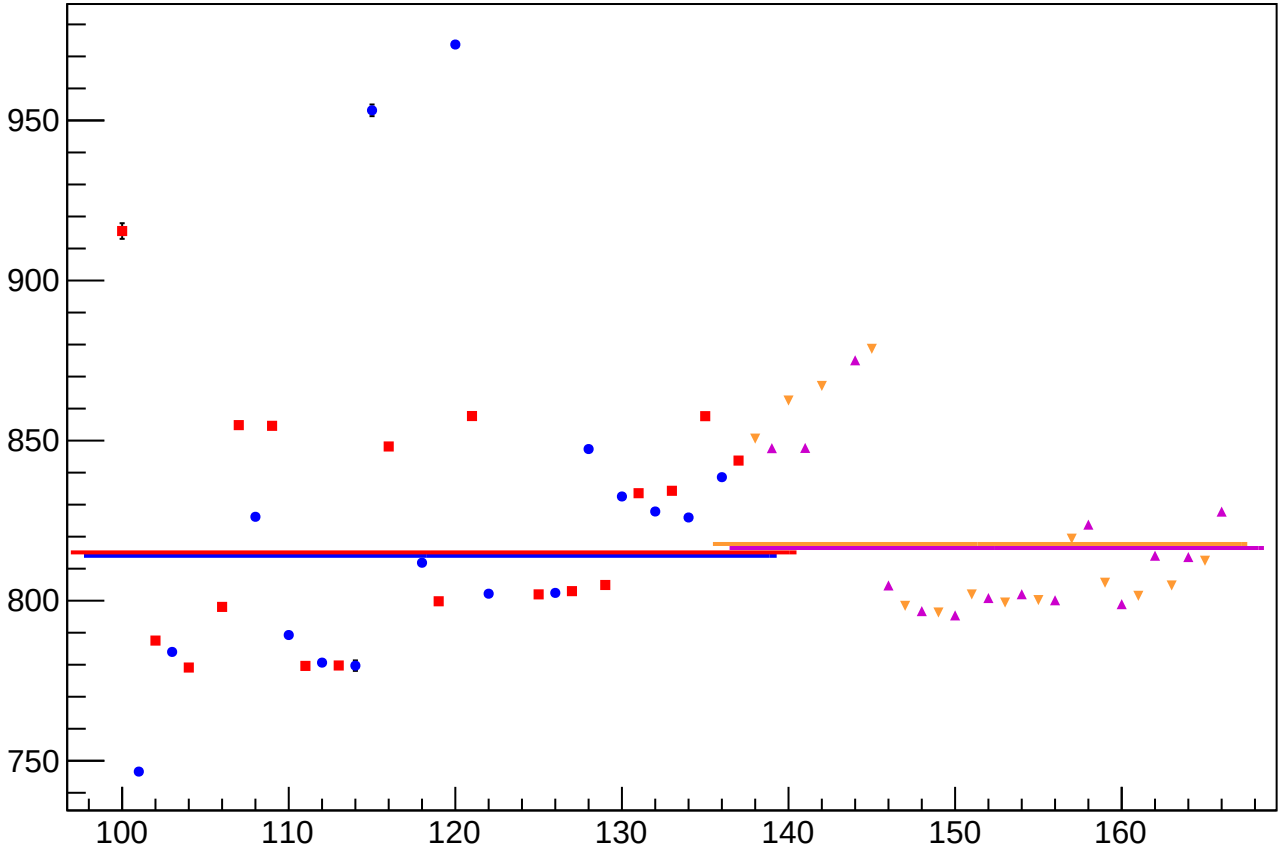
Right: 2126.067+/-220.232 χ^2/NDF: 24.1/33

In: 2000.133+/-194.049 χ^2/NDF:30.6/29

Out: 1993.449+/-195.350 χ^2/NDF:25.1/31

All: 1996.813+/-137.671 χ^2/NDF: 55.7/61

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 817.713+/-0.179 χ^2/NDF:22411.4/13

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

Left In: 816.455+/-0.174 χ^2/NDF:17671.5/13

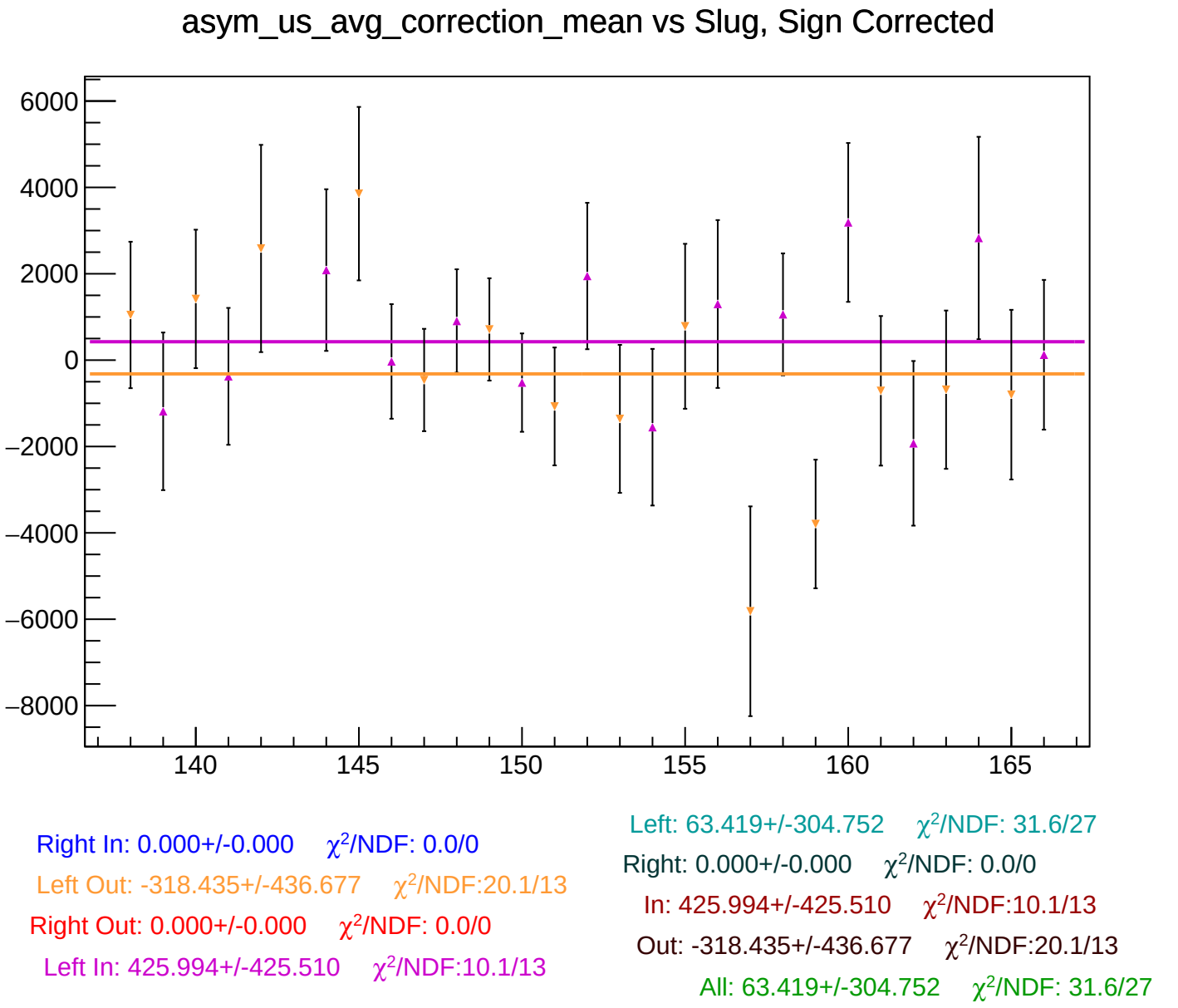
Left: 817.069+/-0.125 χ^2/NDF: 40108.3/27

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

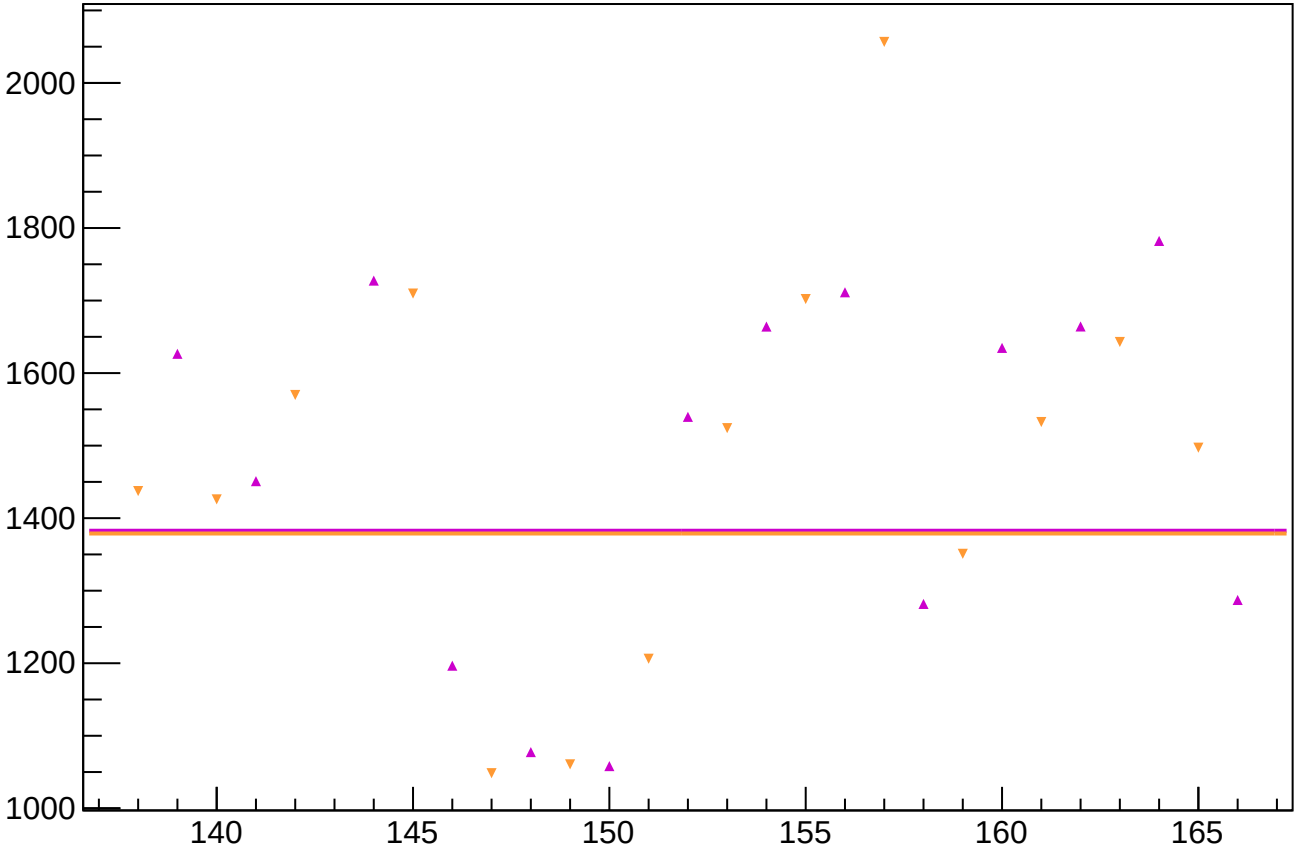
In: 815.529+/-0.137 χ^2/NDF:59787.3/29

Out: 816.658+/-0.138 χ^2/NDF:42457.6/31

All: 816.090+/-0.097 χ^2/NDF: 102278.6/61


asym_us_avg_correction_mean vs Slug, Sign Corrected
6000
4000
2000
0
−2000
−4000
−6000
−8000
140
145
150
155
160
165
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: -318.435+/-436.677 χ²/NDF:20.1/13
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 425.994+/-425.510 χ²/NDF:10.1/13
Left: 63.419+/-304.752 χ²/NDF: 31.6/27
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: 425.994+/-425.510 χ²/NDF:10.1/13
Out: -318.435+/-436.677 χ²/NDF:20.1/13
All: 63.419+/-304.752 χ²/NDF: 31.6/27

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1378.837+/-0.309 χ^2/NDF:695347.6/13

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

Left In: 1382.655+/-0.301 χ^2/NDF:716980.1/13

Left: 1380.796+/-0.215 χ^2/NDF: 1412406.2/27

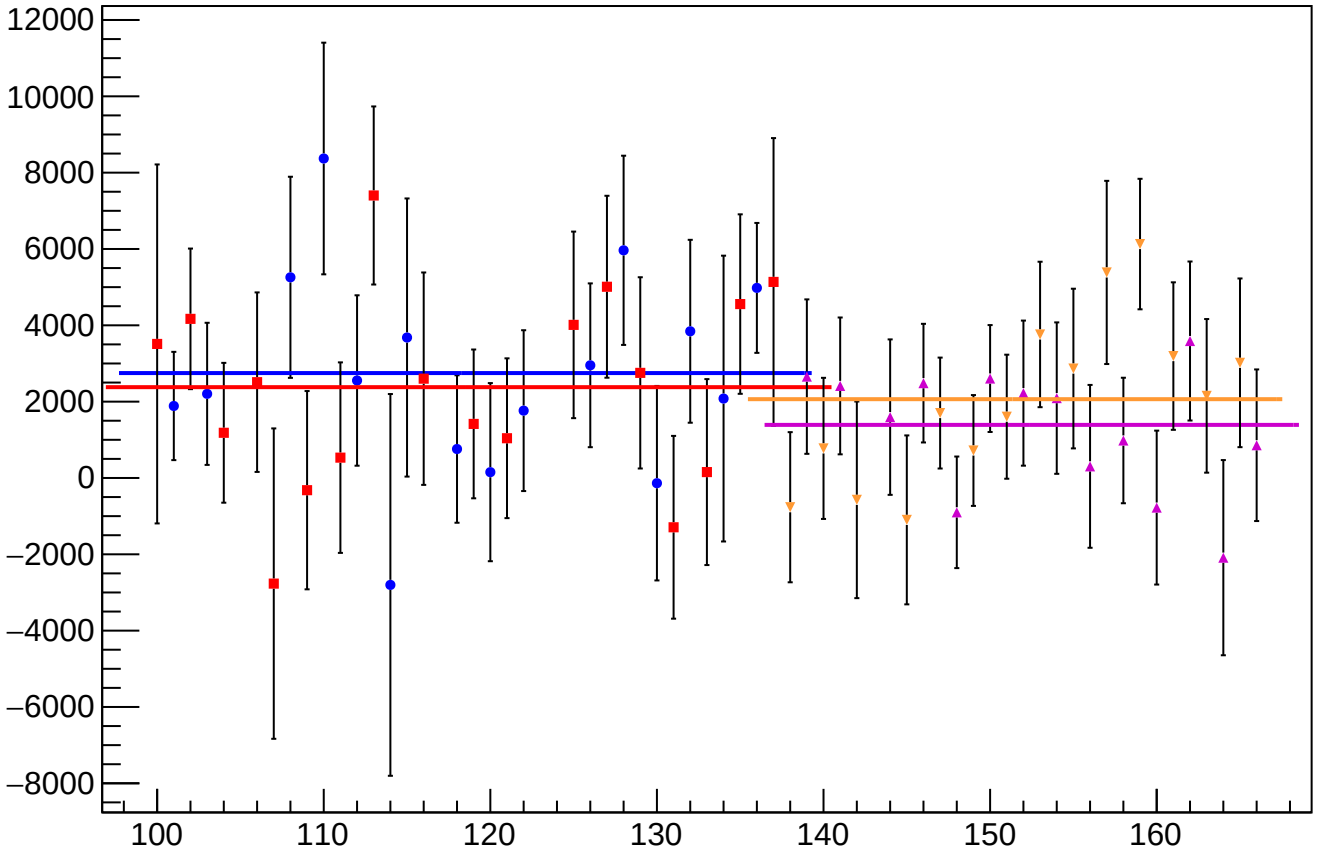
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1382.655+/-0.301 χ^2/NDF:716980.1/13

Out: 1378.837+/-0.309 χ^2/NDF:695347.6/13

All: 1380.796+/-0.215 χ^2/NDF: 1412406.2/27

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 2064.700+/-501.788 χ^2/NDF:15.7/13

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

Left In: 1391.117+/-488.444 χ^2/NDF:9.3/13

Left: 1718.834+/-350.004 χ^2/NDF: 25.9/27

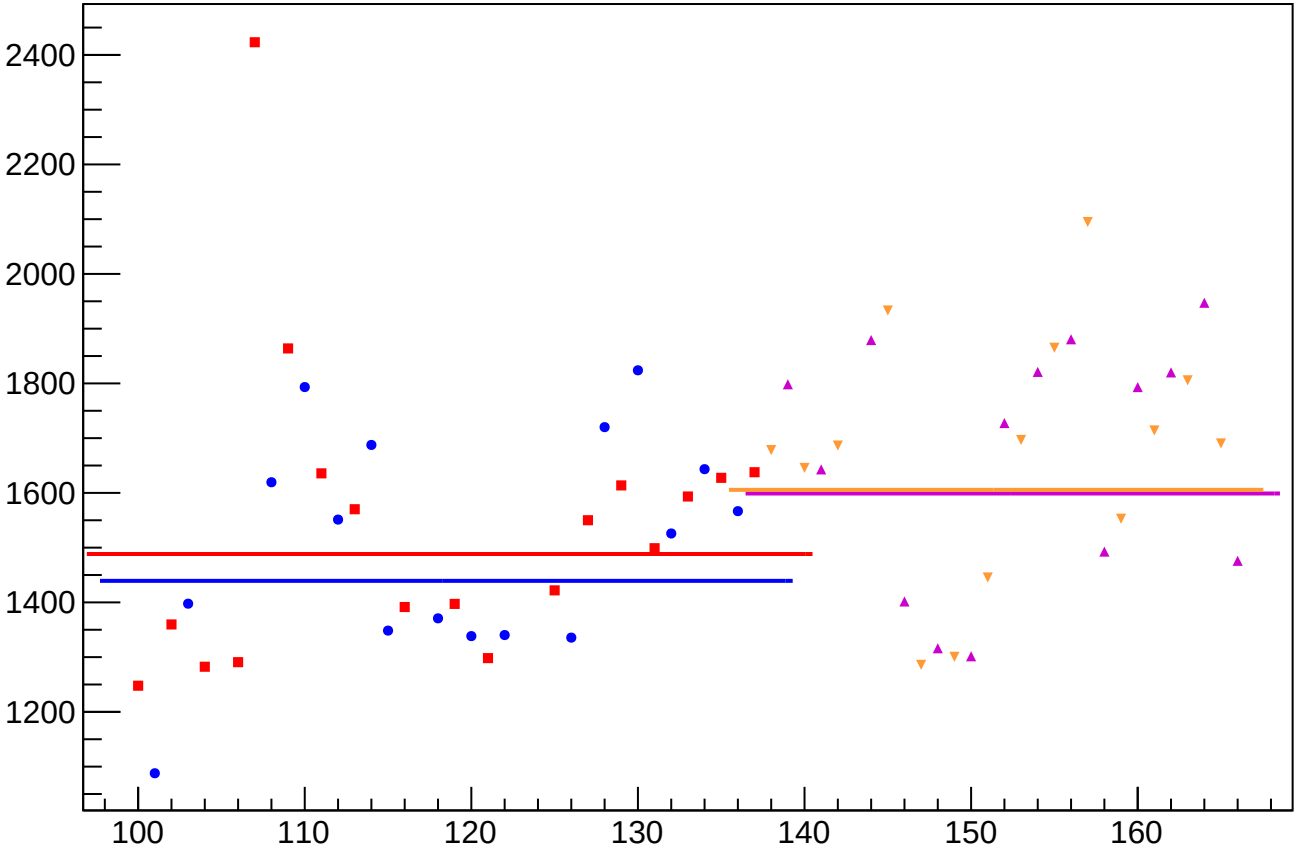
Right: 2566.079+/-400.174 χ^2/NDF: 30.0/33

In: 1974.227+/-368.930 χ^2/NDF:26.1/29

Out: 2202.405+/-376.339 χ^2/NDF:32.1/31

All: 2086.048+/-263.453 χ^2/NDF: 58.4/61

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1605.567+/-0.355 χ^2/NDF:403333.8/13

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

Left In: 1598.917+/-0.345 χ^2/NDF:419093.1/13

Left: 1602.152+/-0.247 χ^2/NDF: 822607.3/27

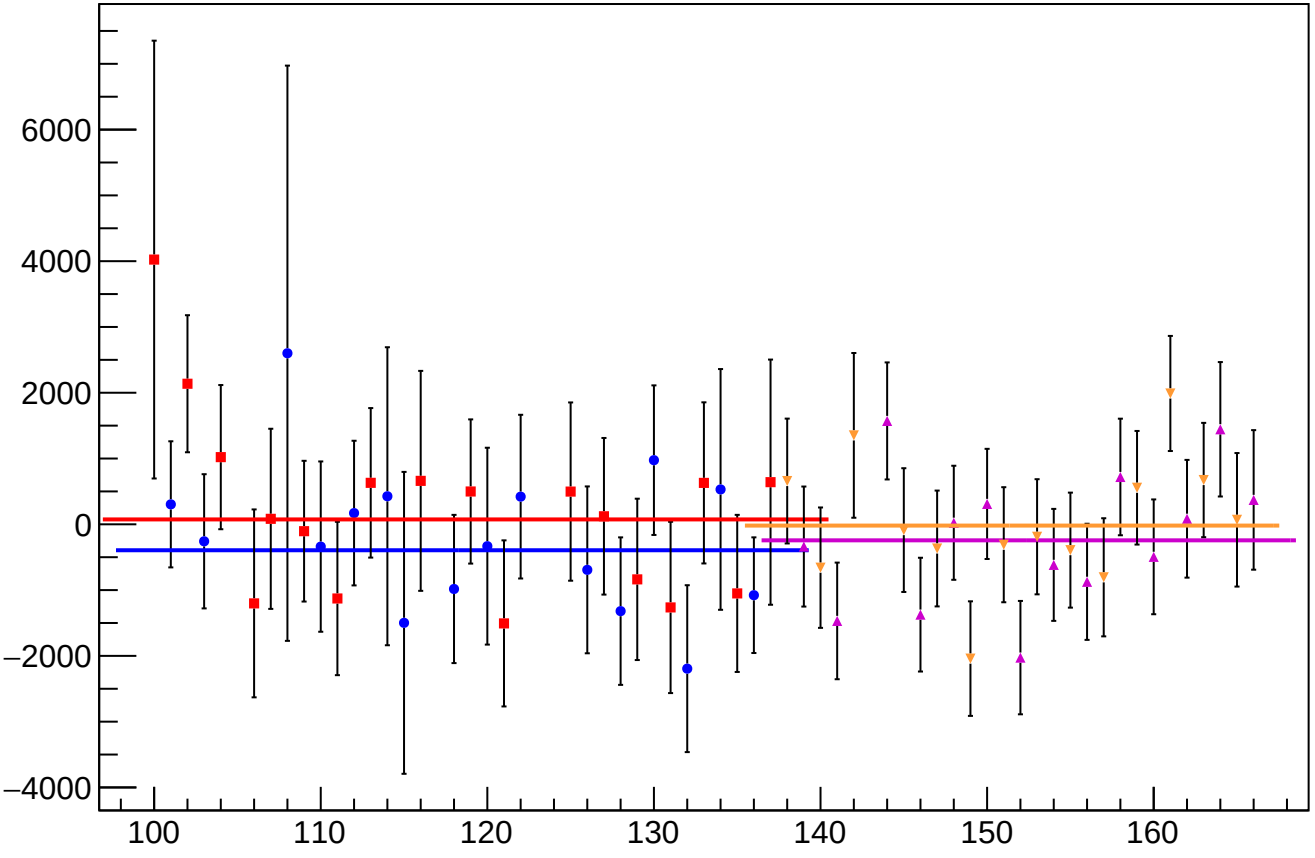
Right: 1463.597+/-0.283 χ^2/NDF: 541697.1/33

In: 1530.376+/-0.261 χ^2/NDF:788648.0/29

Out: 1554.298+/-0.266 χ^2/NDF:707378.7/31

All: 1542.099+/-0.186 χ^2/NDF: 1500147.8/61

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -19.297+/-244.076 χ^2/NDF:15.2/13

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

Left In: -243.597+/-238.875 χ^2/NDF:17.8/13

Left: -133.863+/-170.719 χ^2/NDF: 33.4/27

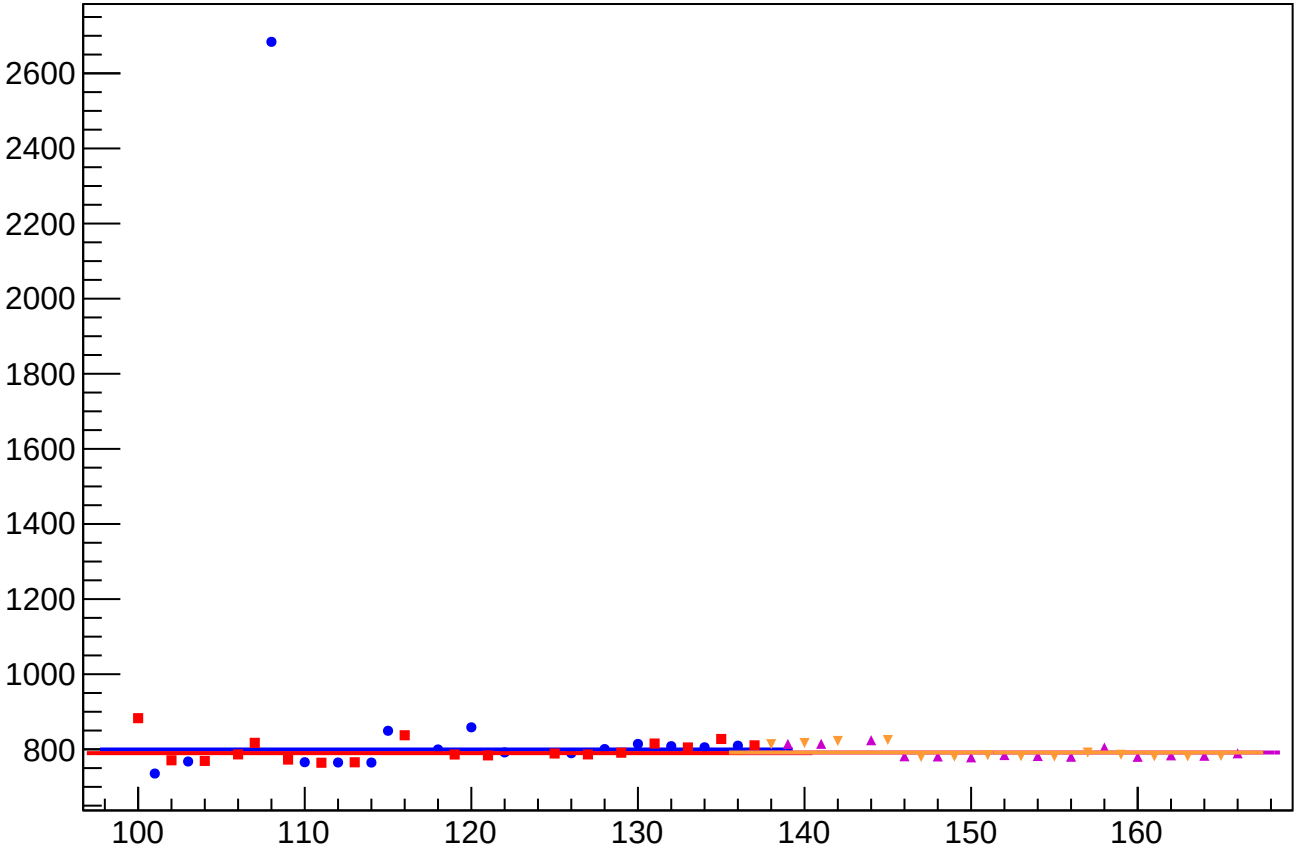
Right: -148.721+/-216.034 χ^2/NDF: 21.5/33

In: -299.050+/-189.931 χ^2/NDF:25.3/29

Out: 18.217+/-188.925 χ^2/NDF:28.2/31

All: -139.575+/-133.944 χ^2/NDF: 54.9/61

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 791.553+/-0.173 χ^2/NDF:8557.6/13

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

Left In: 791.462+/-0.169 χ^2/NDF:8127.9/13

Left: 791.506+/-0.121 χ^2/NDF: 16685.6/27

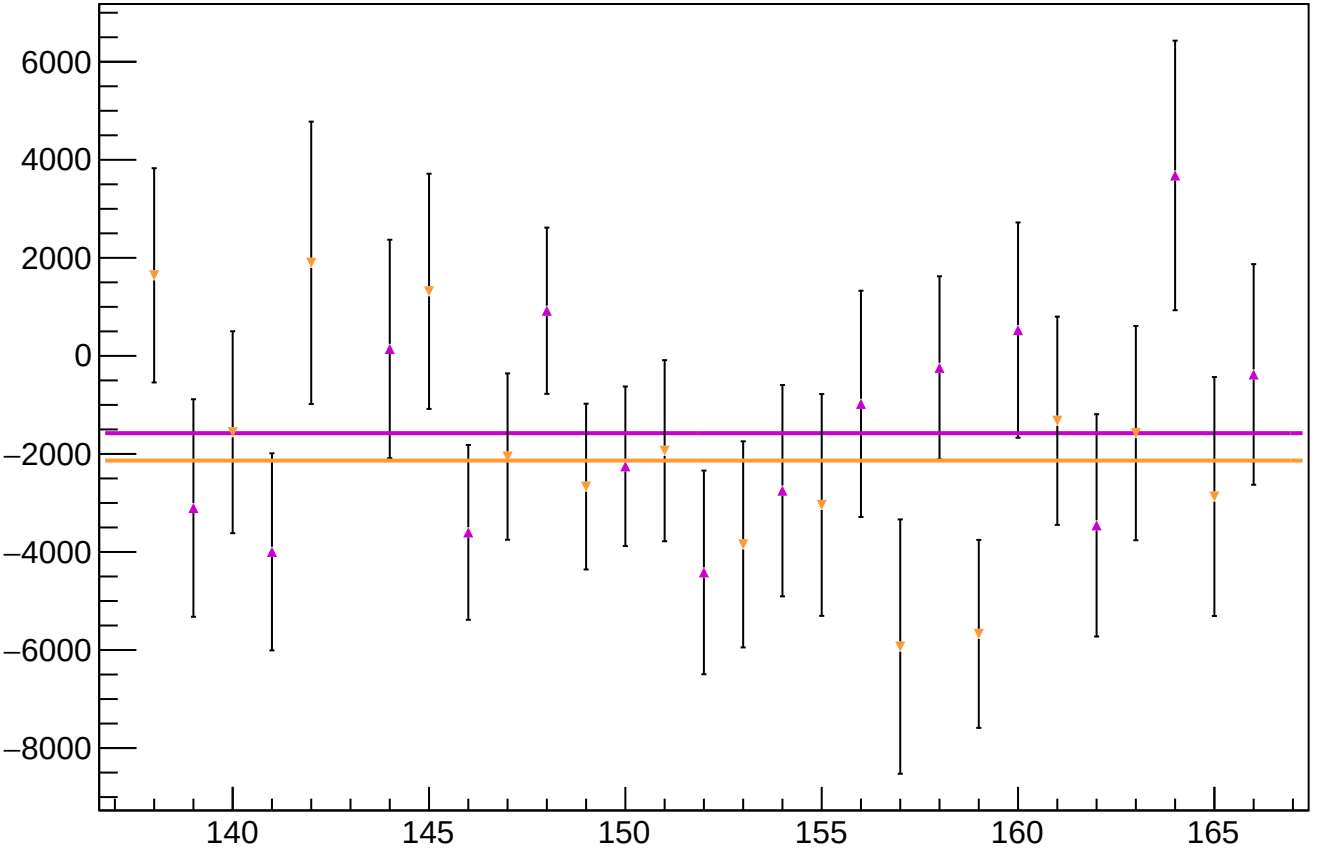
Right: 794.430+/-0.153 χ^2/NDF: 403375.5/33

In: 794.432+/-0.134 χ^2/NDF:400154.4/29

Out: 790.848+/-0.134 χ^2/NDF:19774.2/31

All: 792.630+/-0.095 χ^2/NDF: 420286.6/61

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2135.221+/-561.536 χ^2/NDF:13.9/13

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

Left In: -1576.259+/-546.764 χ^2/NDF:14.4/13

Left: -1848.291+/-391.739 χ^2/NDF: 28.8/27

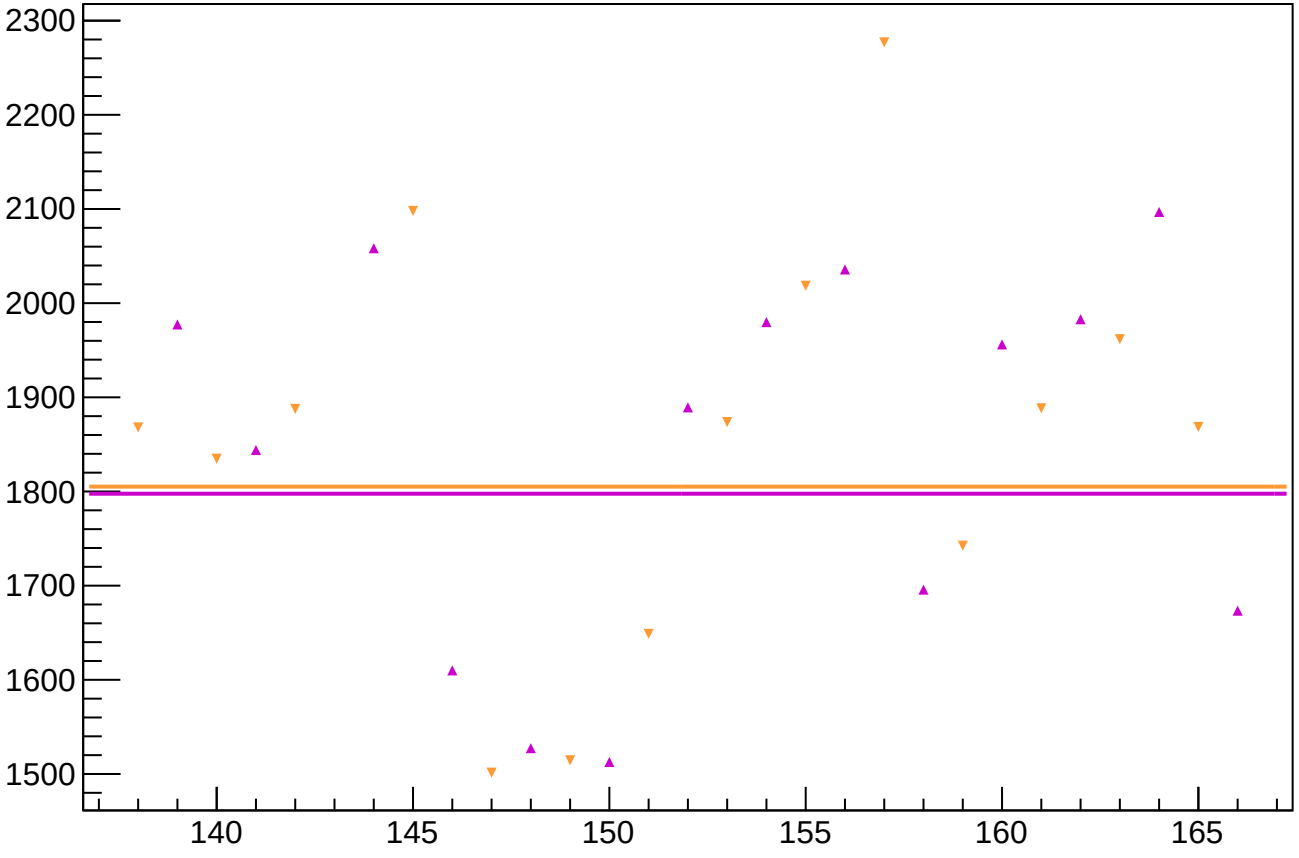
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1576.259+/-546.764 χ^2/NDF:14.4/13

Out: -2135.221+/-561.536 χ^2/NDF:13.9/13

All: -1848.291+/-391.739 χ^2/NDF: 28.8/27

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1805.143+/-0.397 χ^2/NDF:273905.2/13

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

Left In: 1797.639+/-0.387 χ^2/NDF:274794.7/13

Left: 1801.291+/-0.277 χ^2/NDF: 548883.2/27

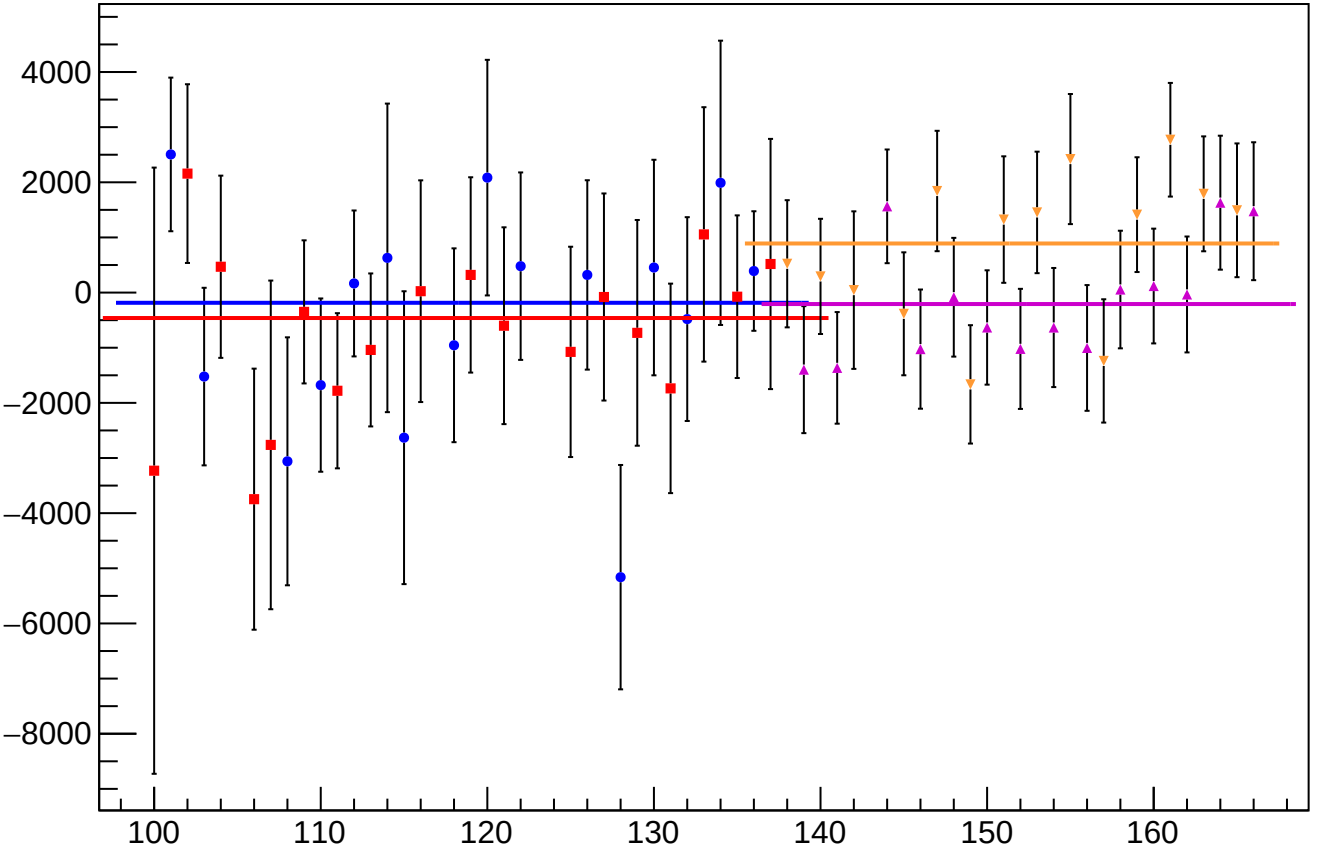
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1797.639+/-0.387 χ^2/NDF:274794.7/13

Out: 1805.143+/-0.397 χ^2/NDF:273905.2/13

All: 1801.291+/-0.277 χ^2/NDF: 548883.2/27

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 890.342+/-298.293 χ^2/NDF:18.8/13

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

Left In: -207.723+/-290.920 χ^2/NDF:11.6/13

Left: 327.572+/-208.269 χ^2/NDF: 37.3/27

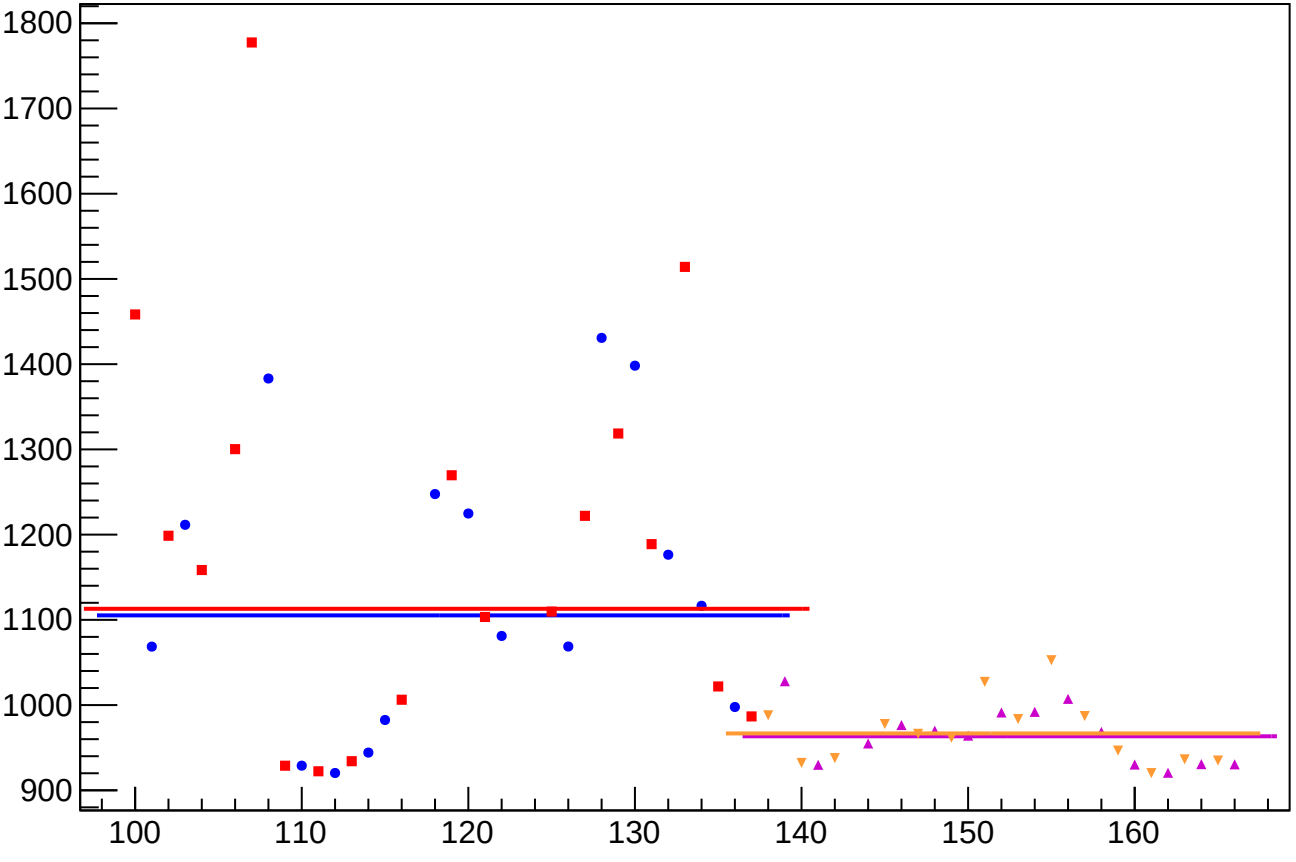
Right: -324.625+/-303.483 χ^2/NDF: 25.2/33

In: -200.639+/-241.217 χ^2/NDF:28.2/29

Out: 446.960+/-244.519 χ^2/NDF:33.9/31

All: 118.758+/-171.722 χ^2/NDF: 65.6/61

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 966.723+/-0.211 χ^2/NDF:29145.8/13

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

Left In: 963.369+/-0.206 χ^2/NDF:22907.0/13

Left: 965.004+/-0.147 χ^2/NDF: 52182.5/27

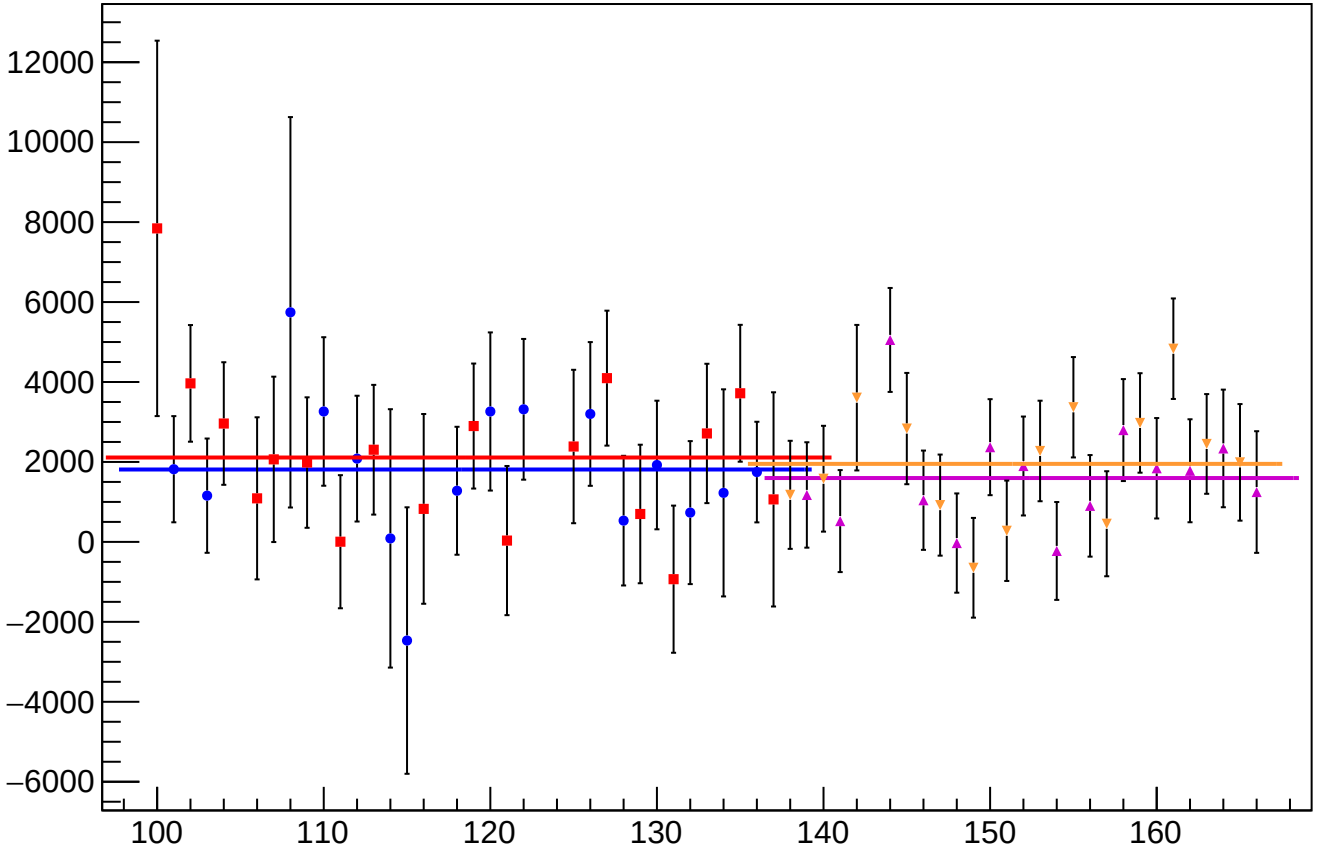
Right: 1109.146+/-0.215 χ^2/NDF: 618686.6/33

In: 1007.703+/-0.171 χ^2/NDF:426904.0/29

Out: 1014.700+/-0.173 χ^2/NDF:549857.0/31

All: 1011.154+/-0.121 χ^2/NDF: 977590.8/61

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1951.836+/-351.887 χ^2/NDF:17.1/13

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

Left In: 1597.475+/-343.880 χ^2/NDF:14.0/13

Left: 1770.577+/-245.942 χ^2/NDF: 31.7/27

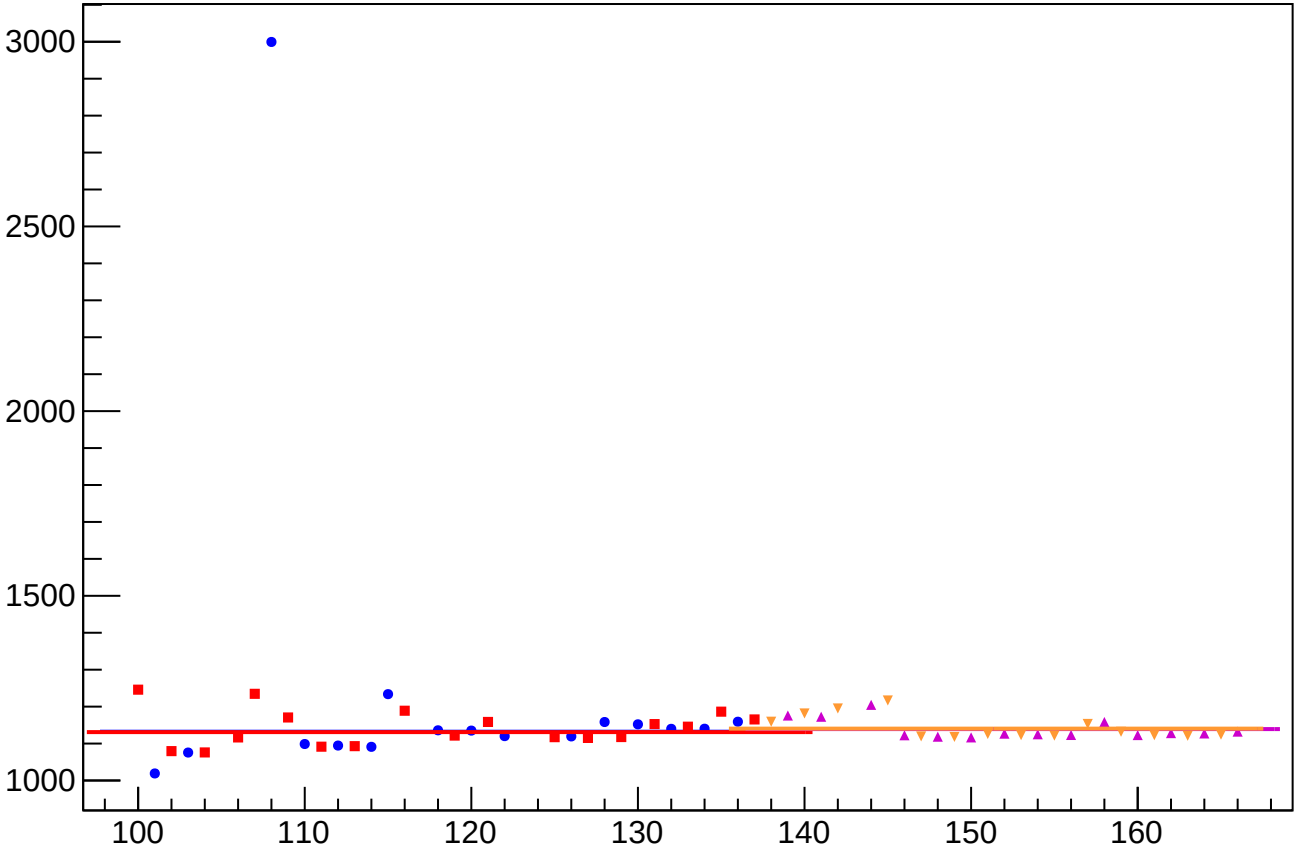
Right: 1966.016+/-307.400 χ^2/NDF: 19.7/33

In: 1677.975+/-271.445 χ^2/NDF:20.6/29

Out: 2016.090+/-271.731 χ^2/NDF:30.3/31

All: 1846.854+/-192.041 χ^2/NDF: 51.7/61

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1140.420+/-0.249 χ^2/NDF:13843.3/13

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

Left In: 1139.195+/-0.243 χ^2/NDF:11507.8/13

Left: 1139.793+/-0.174 χ^2/NDF: 25363.5/27

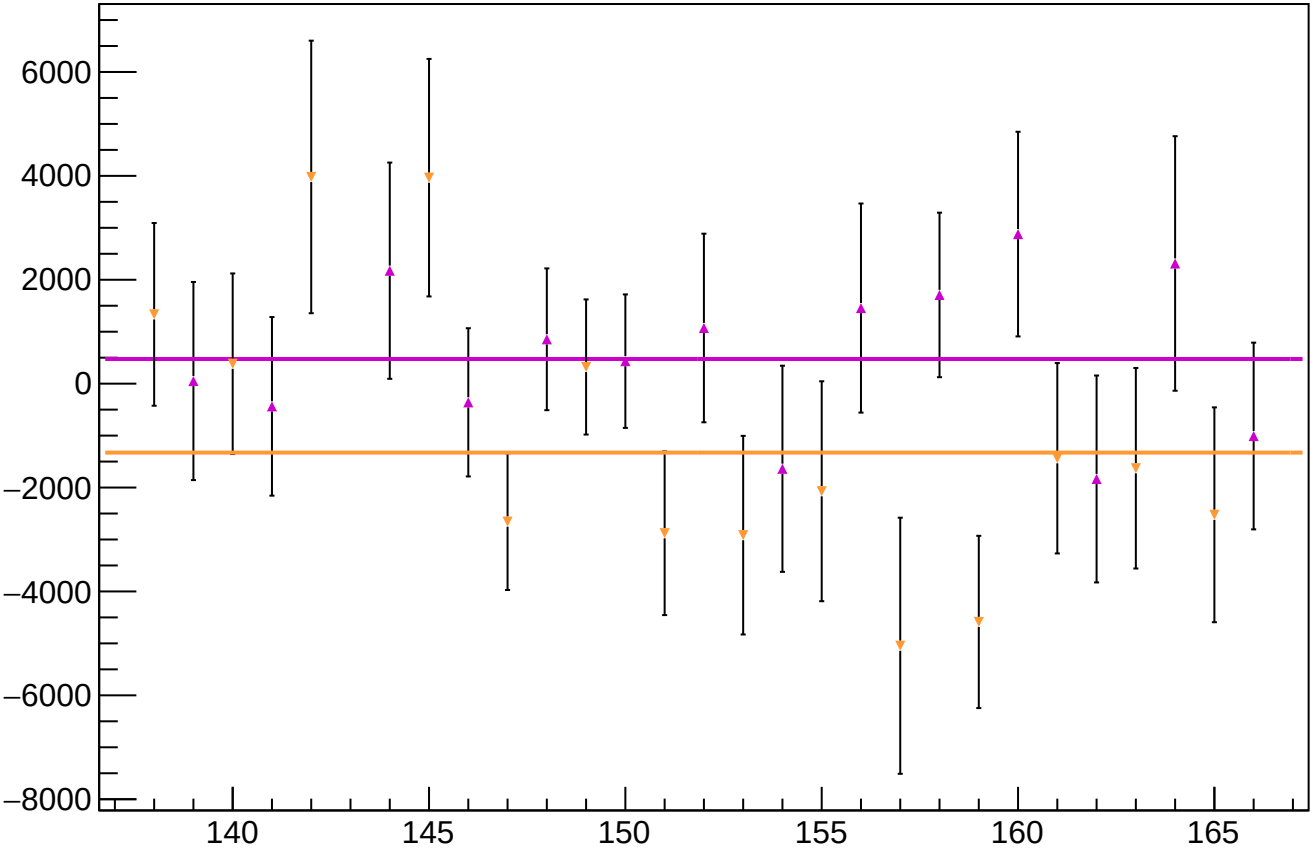
Right: 1131.528+/-0.217 χ^2/NDF: 335751.3/33

In: 1136.511+/-0.192 χ^2/NDF:327857.3/29

Out: 1136.624+/-0.192 χ^2/NDF:34139.0/31

All: 1136.567+/-0.136 χ^2/NDF: 361996.5/61

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1327.375+/-477.445 χ^2/NDF:23.6/13

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

Left In: 474.487+/-462.895 χ^2/NDF:7.6/13

Left: -398.571+/-332.341 χ^2/NDF: 38.5/27

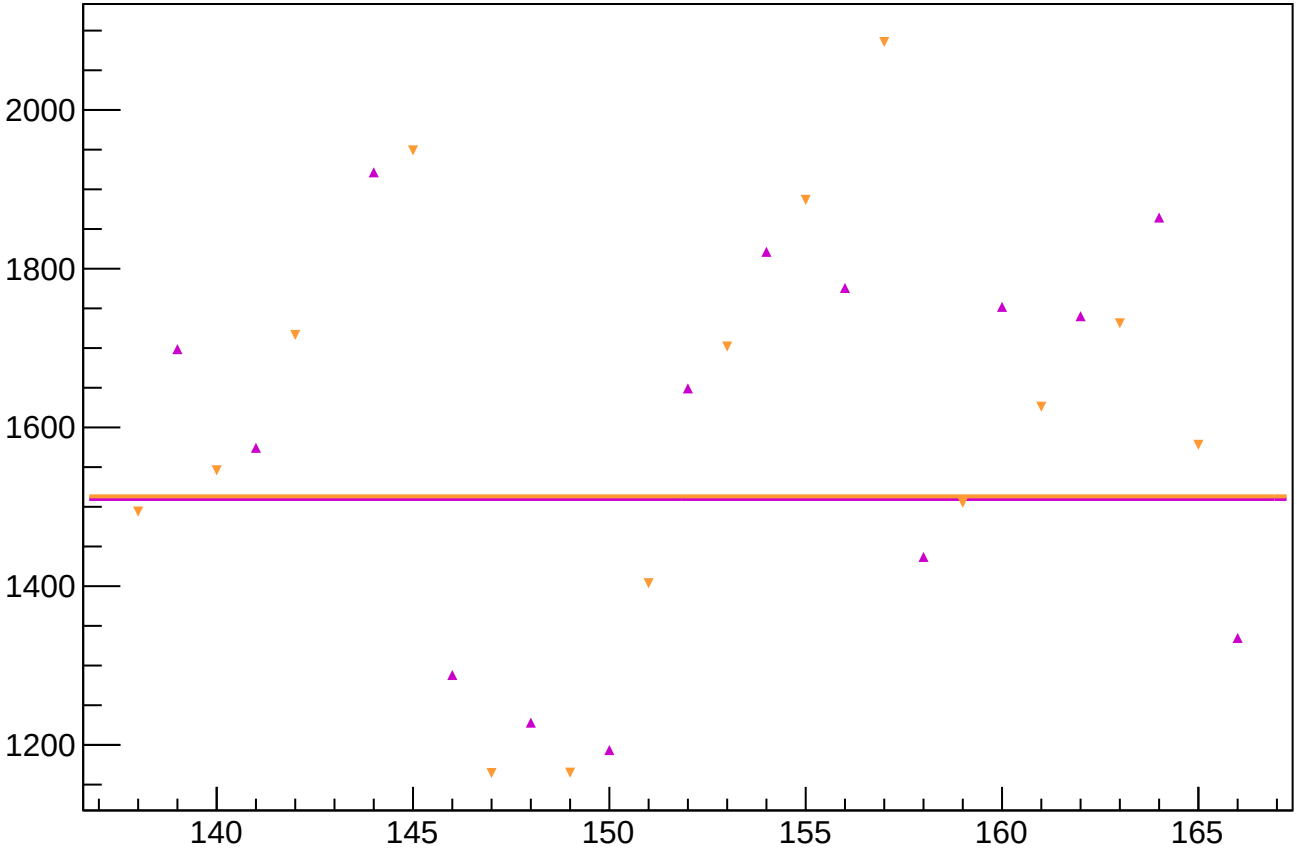
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 474.487+/-462.895 χ^2/NDF:7.6/13

Out: -1327.375+/-477.445 χ^2/NDF:23.6/13

All: -398.571+/-332.341 χ^2/NDF: 38.5/27

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1513.161+/-0.338 χ^2/NDF:603616.4/13

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

Left In: 1509.899+/-0.327 χ^2/NDF:573406.4/13

Left: 1511.480+/-0.235 χ^2/NDF: 1177070.9/27

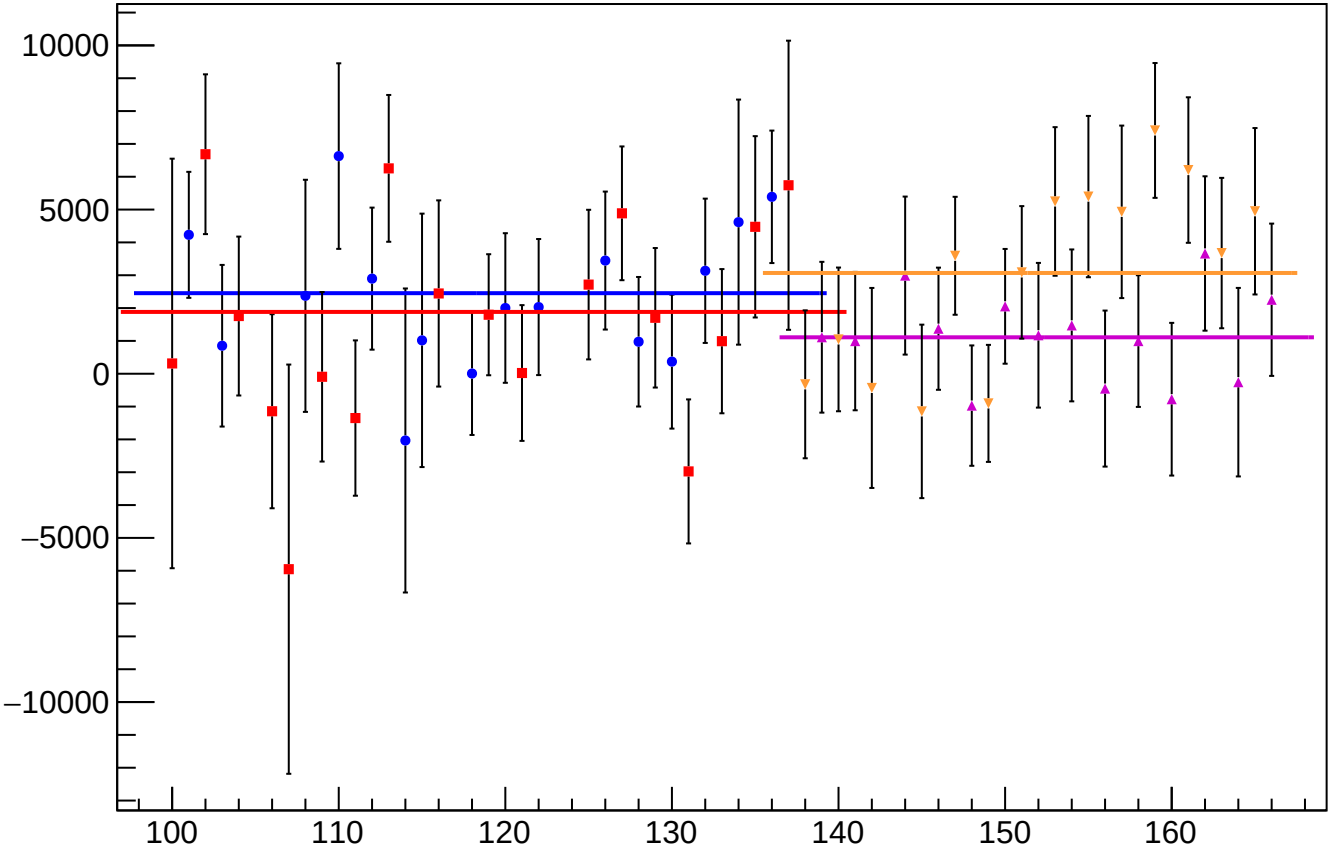
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1509.899+/-0.327 χ^2/NDF:573406.4/13

Out: 1513.161+/-0.338 χ^2/NDF:603616.4/13

All: 1511.480+/-0.235 χ^2/NDF: 1177070.9/27

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 3069.229+/-595.470 χ^2/NDF:21.5/13

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

Left In: 1109.520+/-577.996 χ^2/NDF:5.0/13

Left: 2060.201+/-414.745 χ^2/NDF: 32.0/27

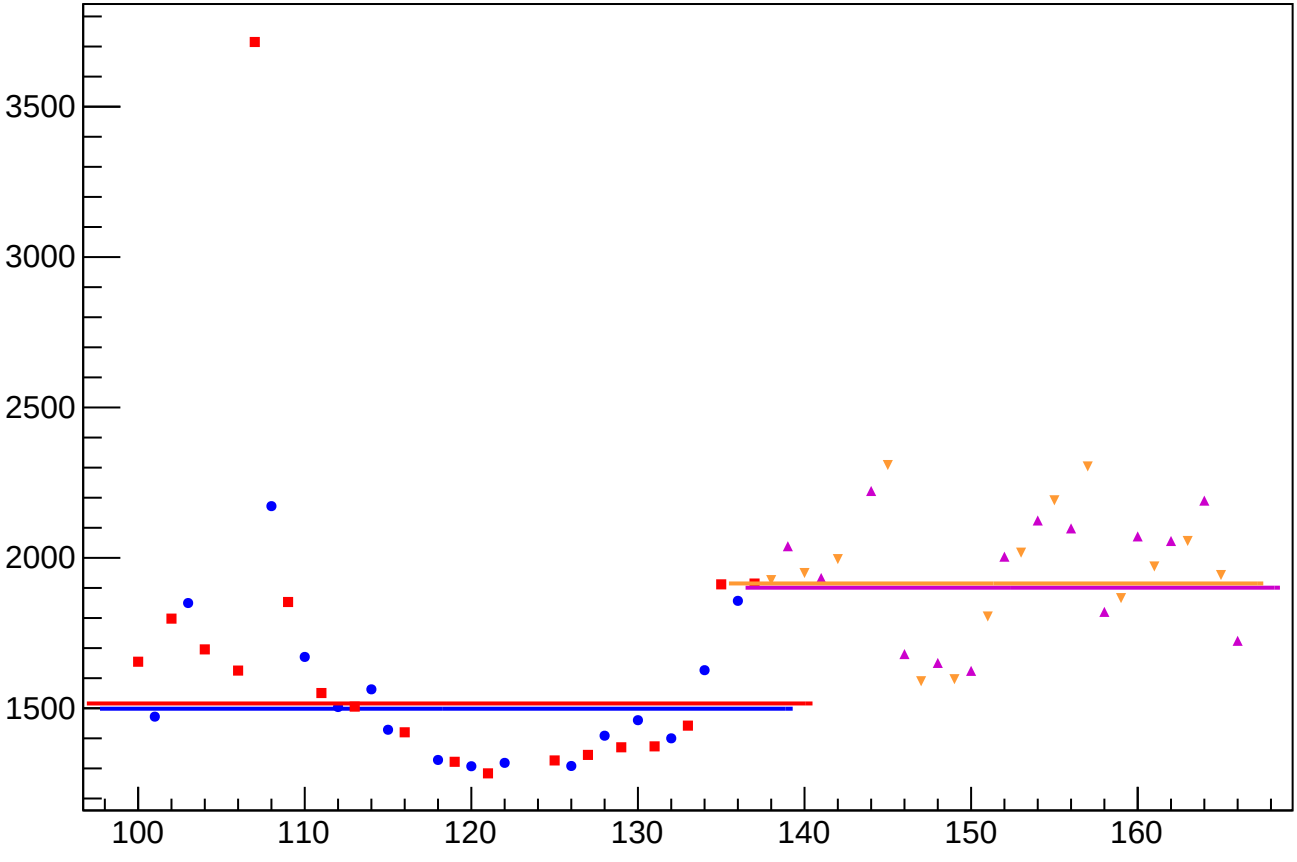
Right: 2167.665+/-412.771 χ^2/NDF: 34.0/33

In: 1774.298+/-410.918 χ^2/NDF:18.4/29

Out: 2463.630+/-416.651 χ^2/NDF:46.2/31

All: 2114.189+/-292.569 χ^2/NDF: 66.0/61

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1914.923+/-0.421 χ^2/NDF:265164.6/13

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

Left In: 1900.874+/-0.409 χ^2/NDF:250237.9/13

Left: 1907.689+/-0.293 χ^2/NDF: 515975.7/27

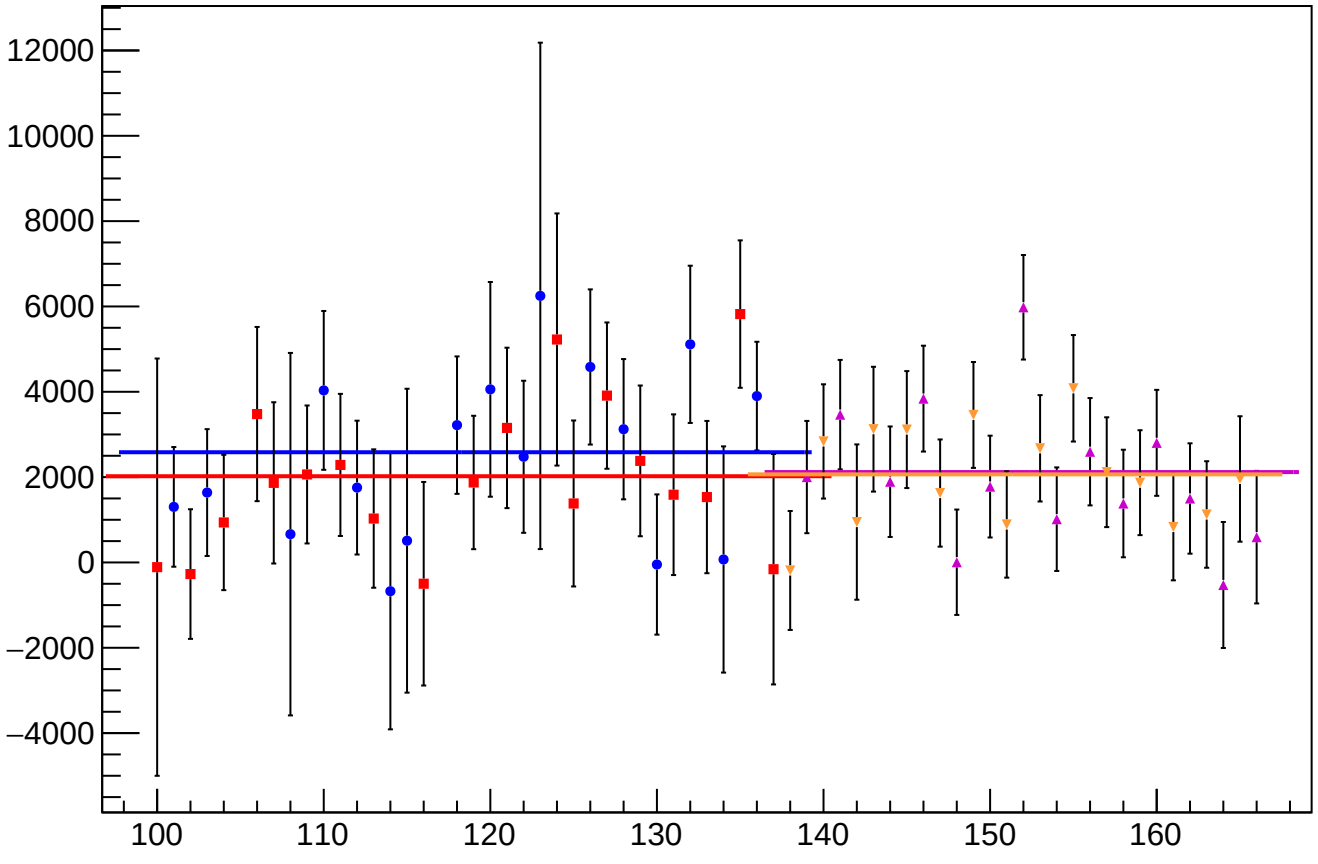
Right: 1507.233+/-0.292 χ^2/NDF: 740243.9/33

In: 1701.864+/-0.291 χ^2/NDF:988449.4/29

Out: 1711.279+/-0.295 χ^2/NDF:1203982.4/31

All: 1706.506+/-0.207 χ^2/NDF: 2192949.5/61

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2064.947+/-341.068 χ^2/NDF:11.1/14

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

Left In: 2118.047+/-342.688 χ^2/NDF:22.0/13

Left: 2091.371+/-241.742 χ^2/NDF: 33.2/28

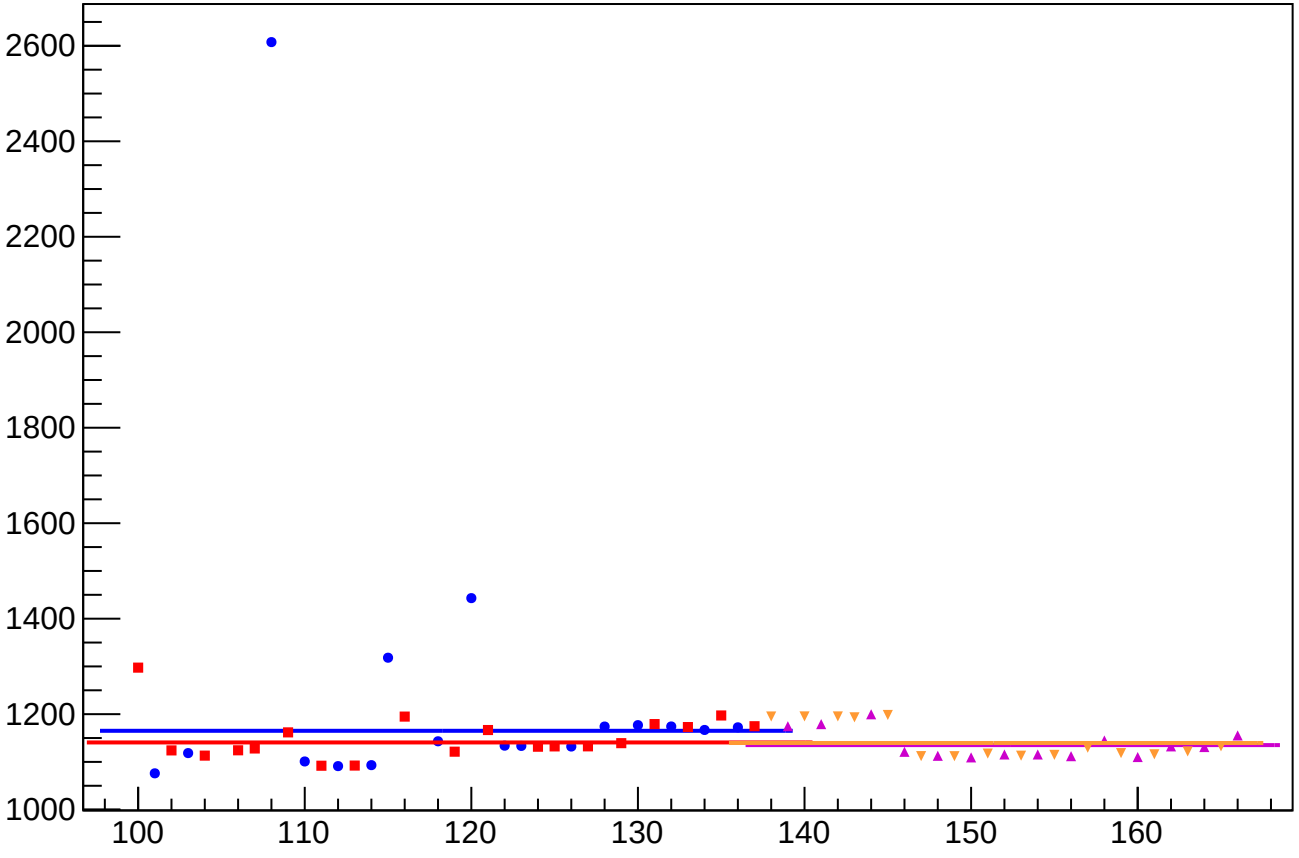
Right: 2284.984+/-310.688 χ^2/NDF: 26.6/35

In: 2287.183+/-273.340 χ^2/NDF:35.0/30

Out: 2047.714+/-266.432 χ^2/NDF:24.6/33

All: 2164.384+/-190.791 χ^2/NDF: 60.0/64

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1139.638+/-0.241 χ^2/NDF:21036.0/14

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

Left In: 1135.192+/-0.242 χ^2/NDF:13972.9/13

Left: 1137.426+/-0.171 χ^2/NDF: 35178.1/28

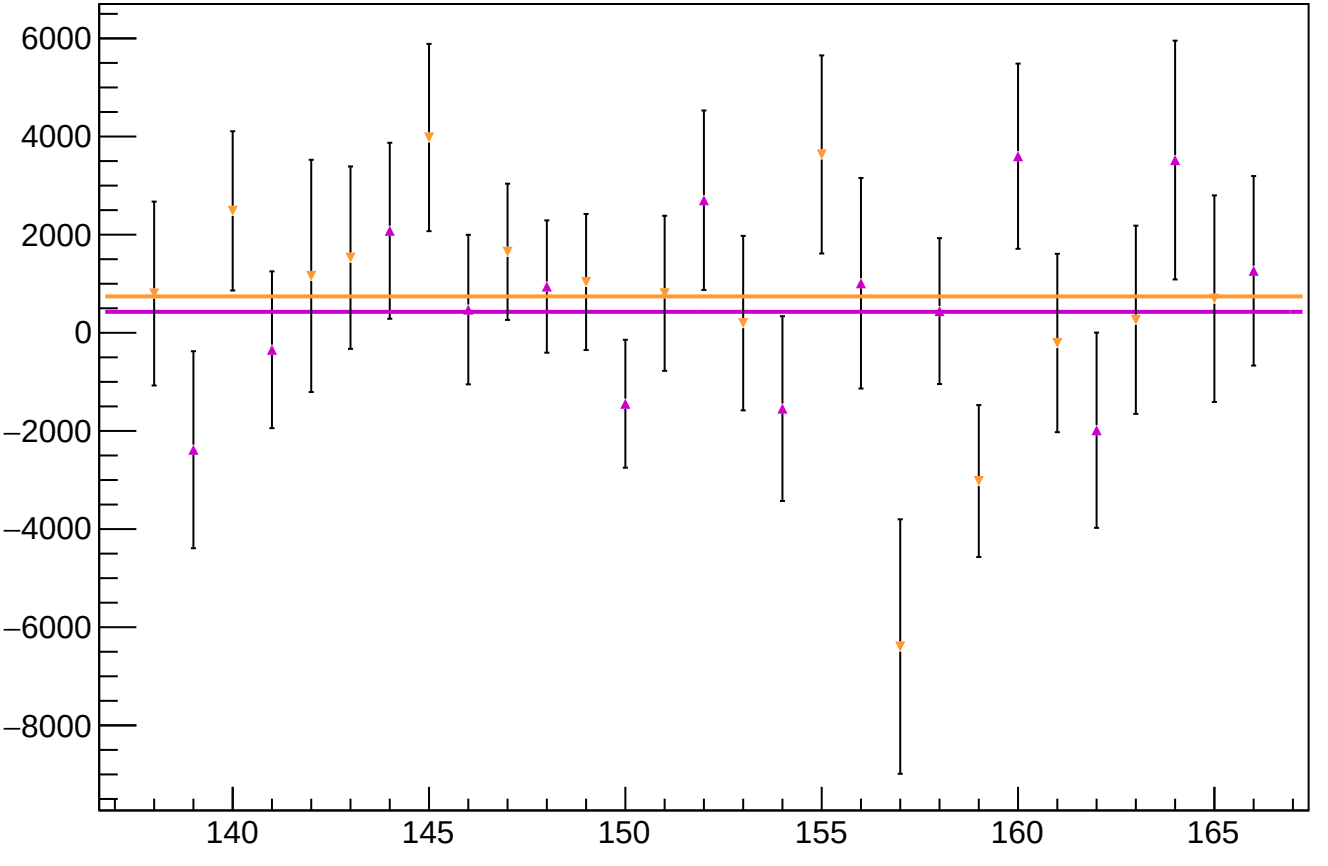
Right: 1152.217+/-0.220 χ^2/NDF: 294359.2/35

In: 1146.089+/-0.193 χ^2/NDF:298102.0/30

Out: 1140.072+/-0.188 χ^2/NDF:33762.0/33

All: 1143.004+/-0.135 χ^2/NDF: 332360.8/64

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 741.870+/-457.630 χ^2/NDF:20.7/14

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

Left In: 427.501+/-459.280 χ^2/NDF:14.1/13

Left: 585.251+/-324.175 χ^2/NDF: 35.0/28

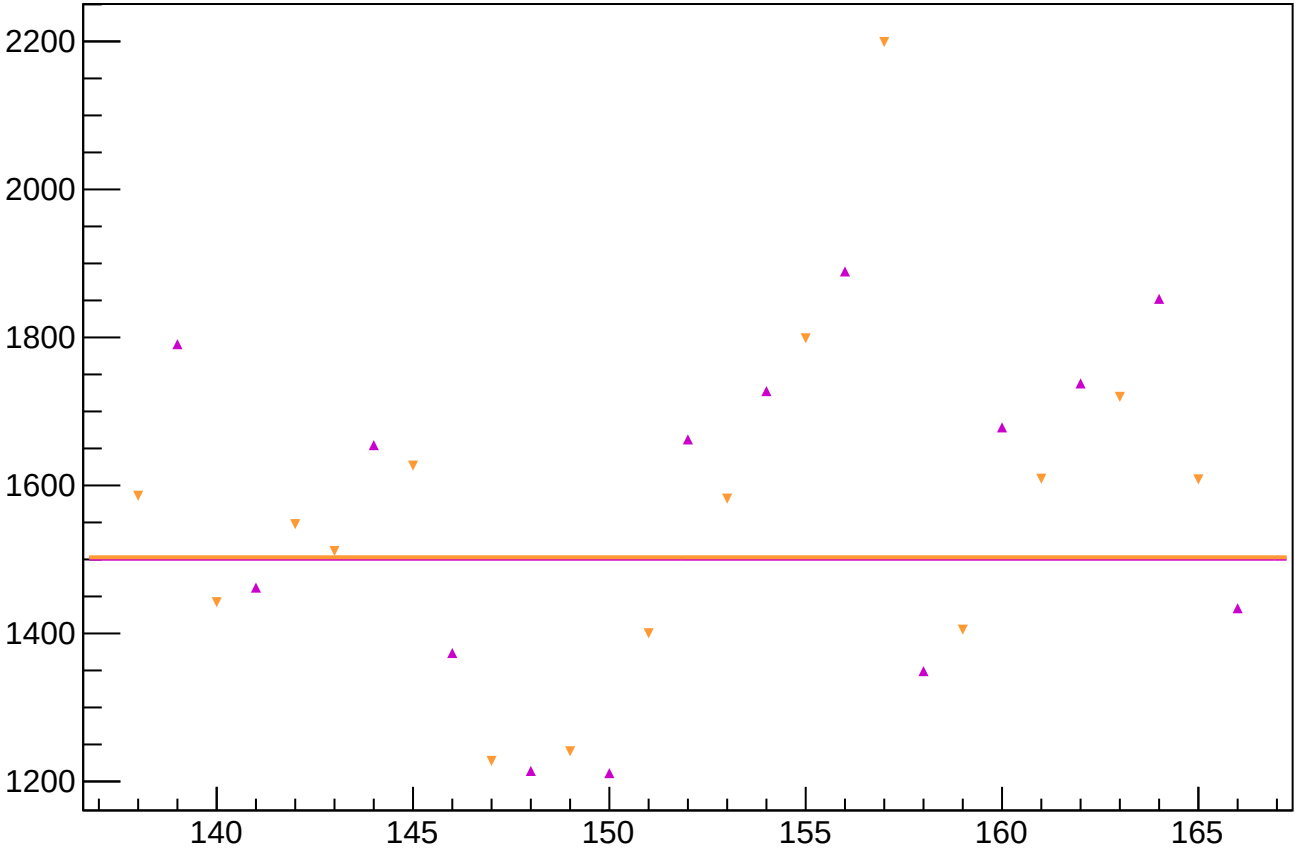
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 427.501+/-459.280 χ^2/NDF:14.1/13

Out: 741.870+/-457.630 χ^2/NDF:20.7/14

All: 585.251+/-324.175 χ^2/NDF: 35.0/28

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1502.914+/-0.324 χ^2/NDF:410885.7/14

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

Left In: 1501.023+/-0.325 χ^2/NDF:481658.4/13

Left: 1501.972+/-0.229 χ^2/NDF: 892561.1/28

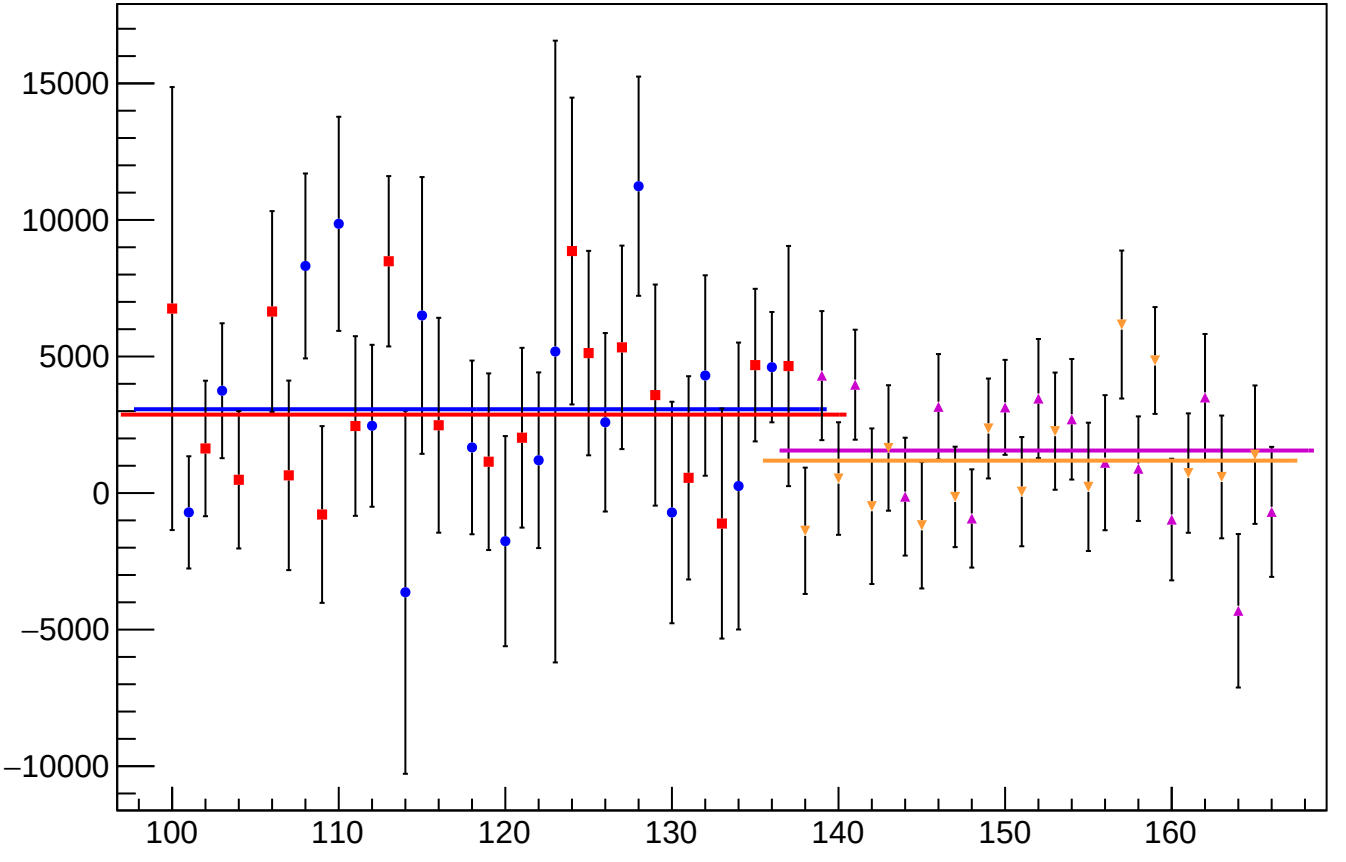
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1501.023+/-0.325 χ^2/NDF:481658.4/13

Out: 1502.914+/-0.324 χ^2/NDF:410885.7/14

All: 1501.972+/-0.229 χ^2/NDF: 892561.1/28

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1187.101+/-565.607 χ^2/NDF:11.5/14

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

Left In: 1557.282+/-568.822 χ^2/NDF:15.2/13

Left: 1371.142+/-401.076 χ^2/NDF: 26.9/28

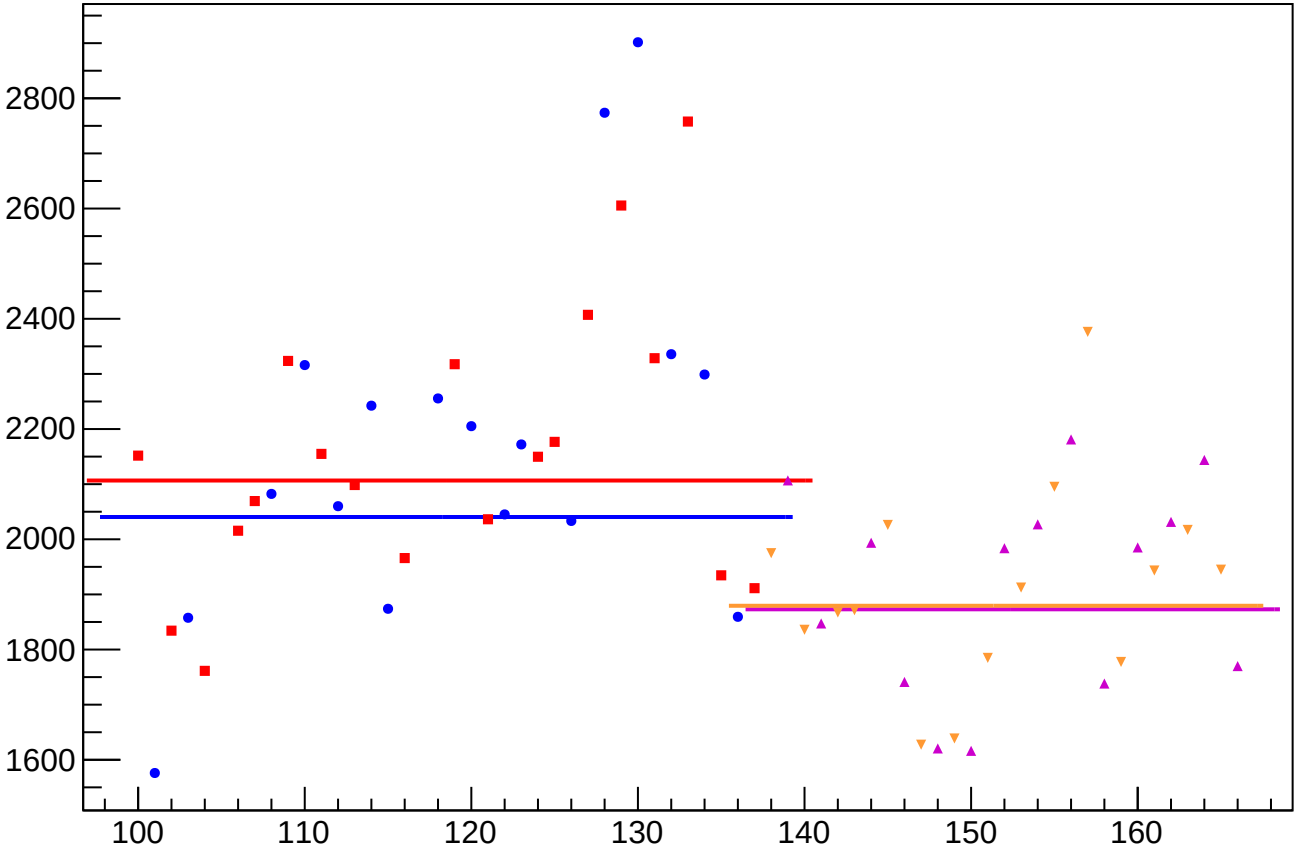
Right: 2970.754+/-563.242 χ^2/NDF: 30.1/35

In: 2066.982+/-463.142 χ^2/NDF:36.1/30

Out: 1753.207+/-460.938 χ^2/NDF:26.0/33

All: 1909.346+/-326.709 χ^2/NDF: 62.4/64

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1879.412+/-0.400 χ^2/NDF:189667.2/14

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

Left In: 1872.986+/-0.402 χ^2/NDF:211085.7/13

Left: 1876.217+/-0.284 χ^2/NDF: 400881.3/28

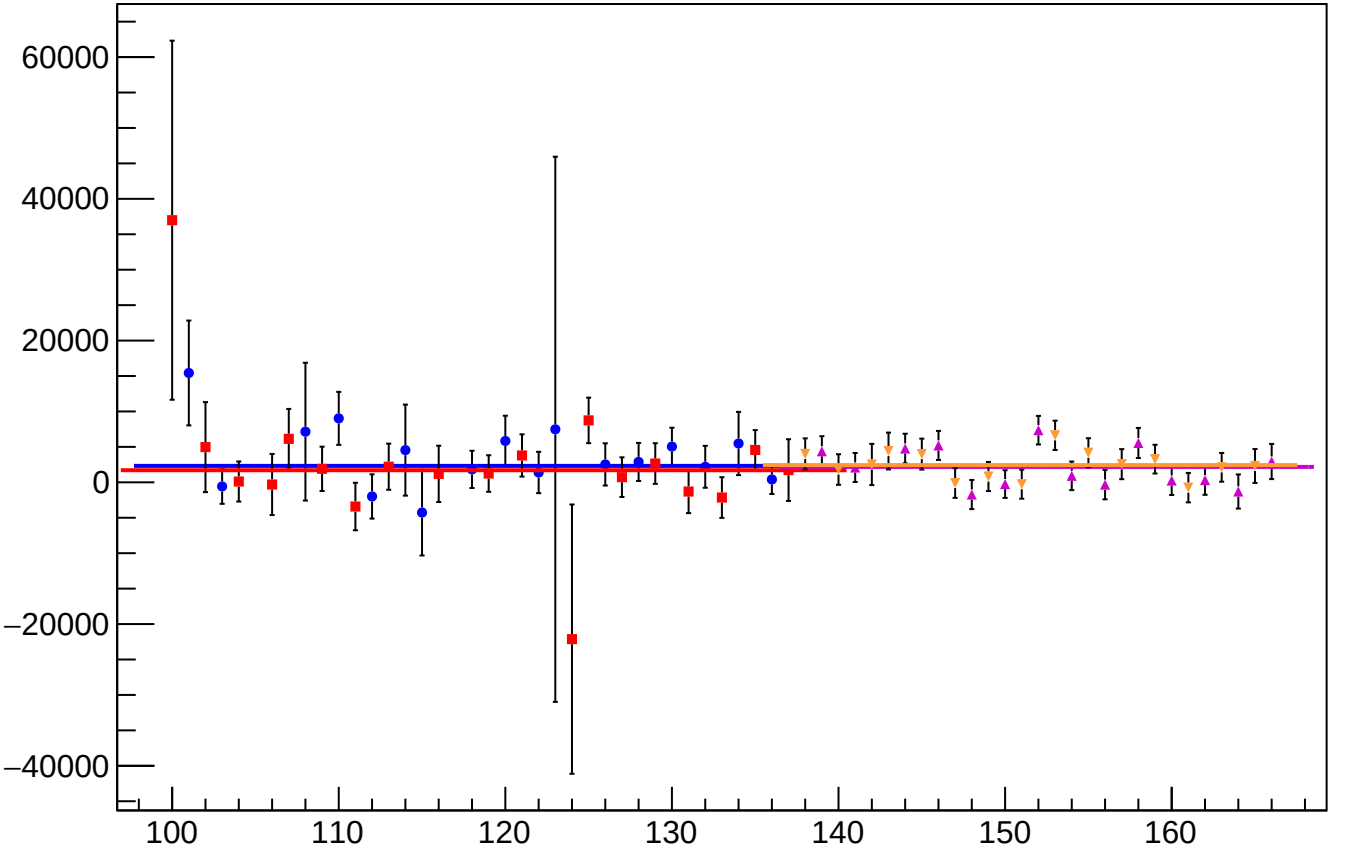
Right: 2073.628+/-0.398 χ^2/NDF: 533659.8/35

In: 1929.425+/-0.327 χ^2/NDF:600842.8/30

Out: 1955.724+/-0.326 χ^2/NDF:493482.0/33

All: 1942.638+/-0.231 χ^2/NDF: 1097564.7/64

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2432.949+/-559.822 χ^2/NDF:12.9/14

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

Left In: 2177.097+/-560.958 χ^2/NDF:24.8/13

Left: 2305.282+/-396.255 χ^2/NDF: 37.8/28

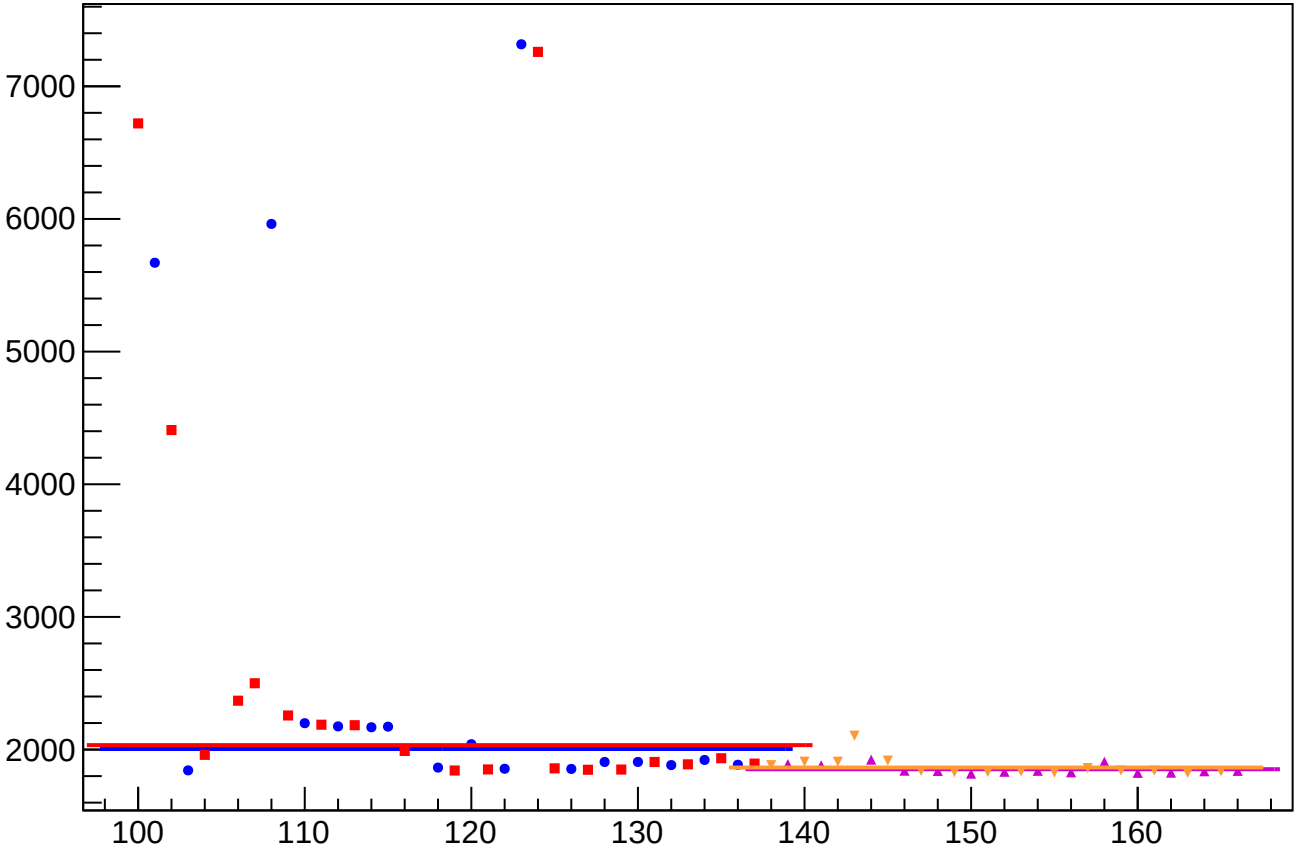
Right: 2005.073+/-560.015 χ^2/NDF: 32.3/35

In: 2223.770+/-459.568 χ^2/NDF:39.6/30

Out: 2186.816+/-455.368 χ^2/NDF:30.6/33

All: 2205.123+/-323.469 χ^2/NDF: 70.3/64

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1864.551+/-0.396 χ^2/NDF:23669.7/14

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

Left In: 1852.013+/-0.397 χ^2/NDF:6914.1/13

Left: 1858.295+/-0.280 χ^2/NDF: 31084.4/28

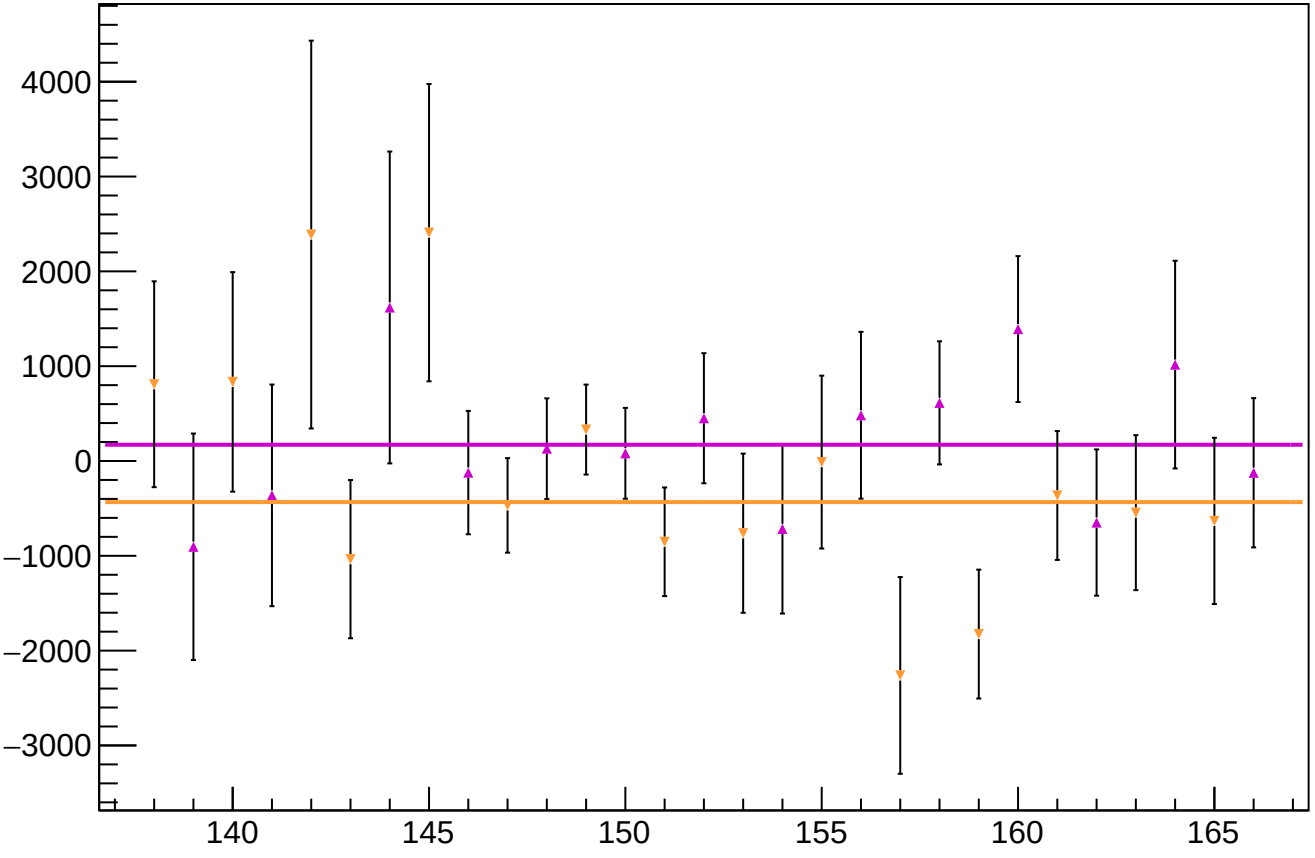
Right: 2019.360+/-0.396 χ^2/NDF: 1528357.7/35

In: 1902.171+/-0.325 χ^2/NDF:971554.6/30

Out: 1921.713+/-0.322 χ^2/NDF:696305.2/33

All: 1912.031+/-0.229 χ^2/NDF: 1669684.5/64

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -433.431+/-196.614 χ^2/NDF:19.1/14

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

Left In: 171.179+/-200.232 χ^2/NDF:8.2/13

Left: -136.638+/-140.289 χ^2/NDF: 31.9/28

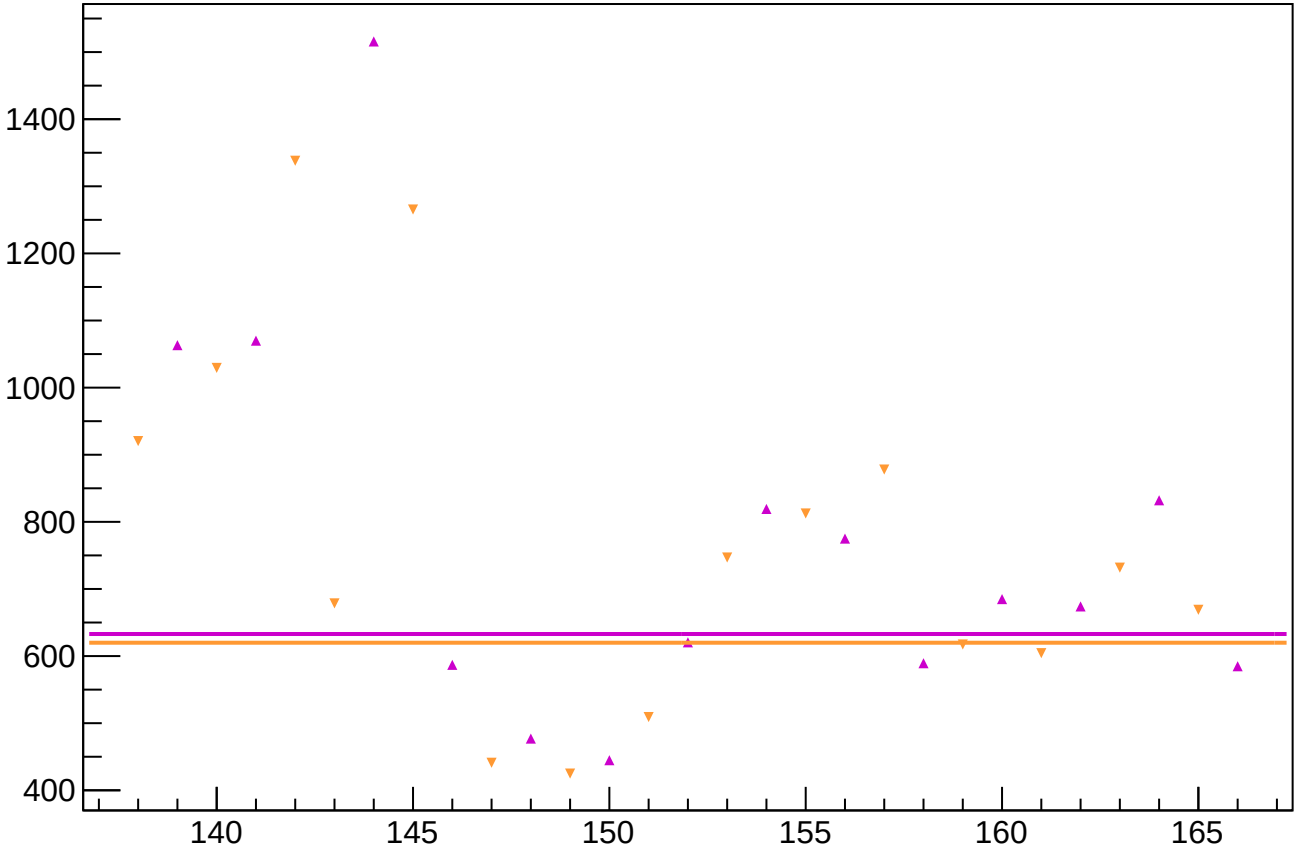
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 171.179+/-200.232 χ^2/NDF:8.2/13

Out: -433.431+/-196.614 χ^2/NDF:19.1/14

All: -136.638+/-140.289 χ^2/NDF: 31.9/28

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 619.907+/-0.139 χ^2/NDF:1972396.2/14

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

Left In: 632.889+/-0.142 χ^2/NDF:1844336.3/13

Left: 626.280+/-0.099 χ^2/NDF: 3821012.4/28

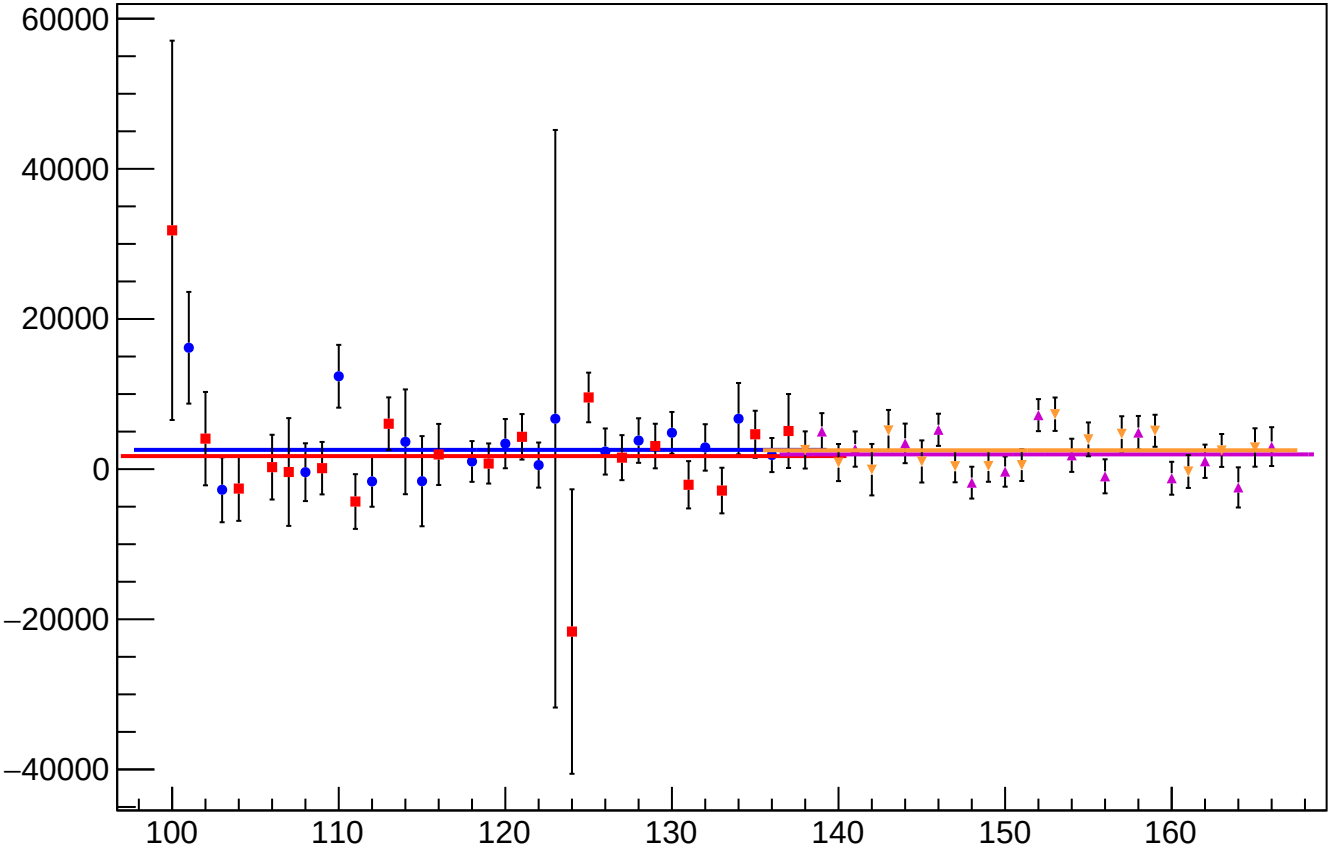
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 632.889+/-0.142 χ^2/NDF:1844336.3/13

Out: 619.907+/-0.139 χ^2/NDF:1972396.2/14

All: 626.280+/-0.099 χ^2/NDF: 3821012.4/28

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2512.996+/-607.458 χ^2/NDF:14.2/14

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

Left In: 1964.244+/-608.259 χ^2/NDF:23.3/13

Left: 2238.982+/-429.821 χ^2/NDF: 37.9/28

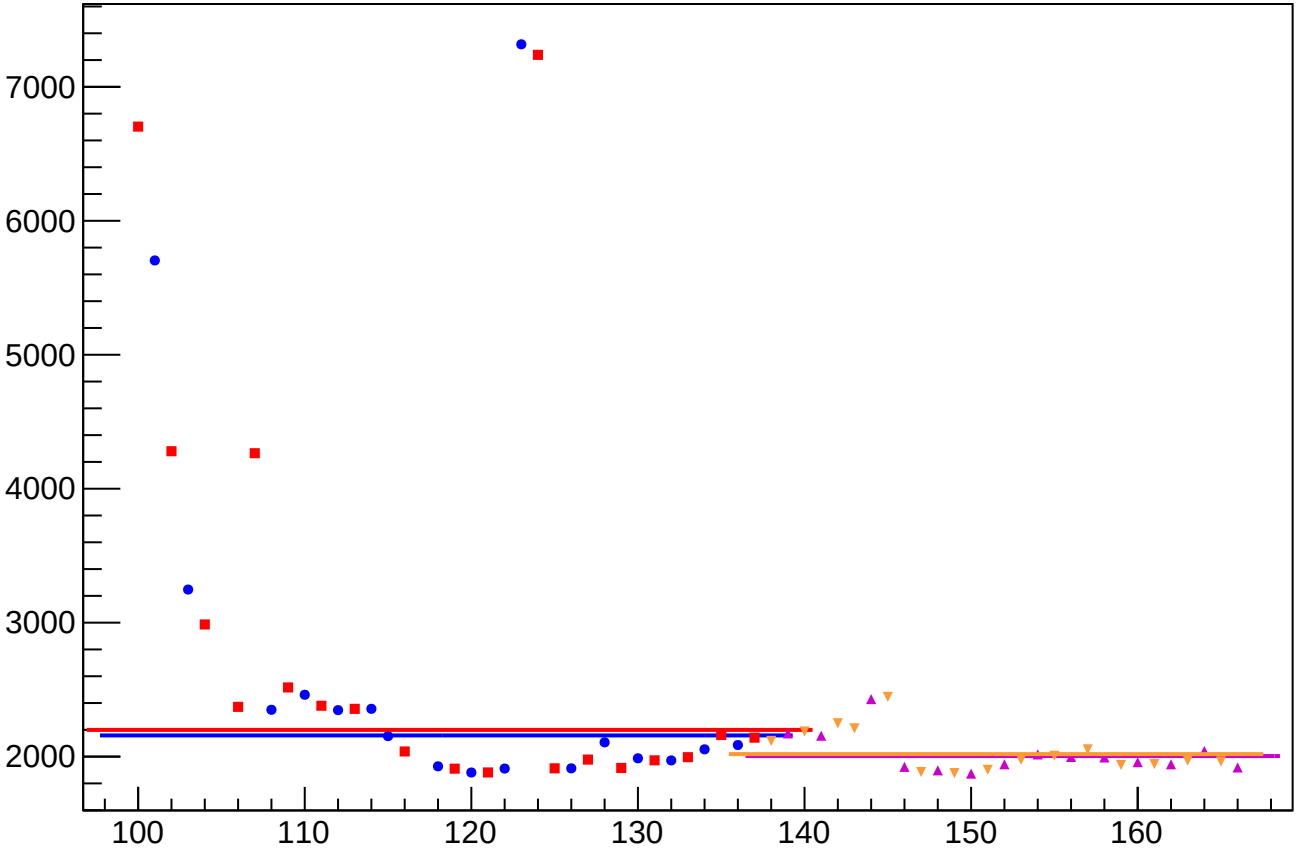
Right: 2150.830+/-604.316 χ^2/NDF: 36.5/35

In: 2166.383+/-495.845 χ^2/NDF:39.2/30

Out: 2252.181+/-494.845 χ^2/NDF:35.2/33

All: 2209.368+/-350.261 χ^2/NDF: 74.4/64

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2018.686+/-0.430 χ^2/NDF:109231.4/14

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

Left In: 2004.051+/-0.430 χ^2/NDF:93131.7/13

Left: 2011.378+/-0.304 χ^2/NDF: 202942.8/28

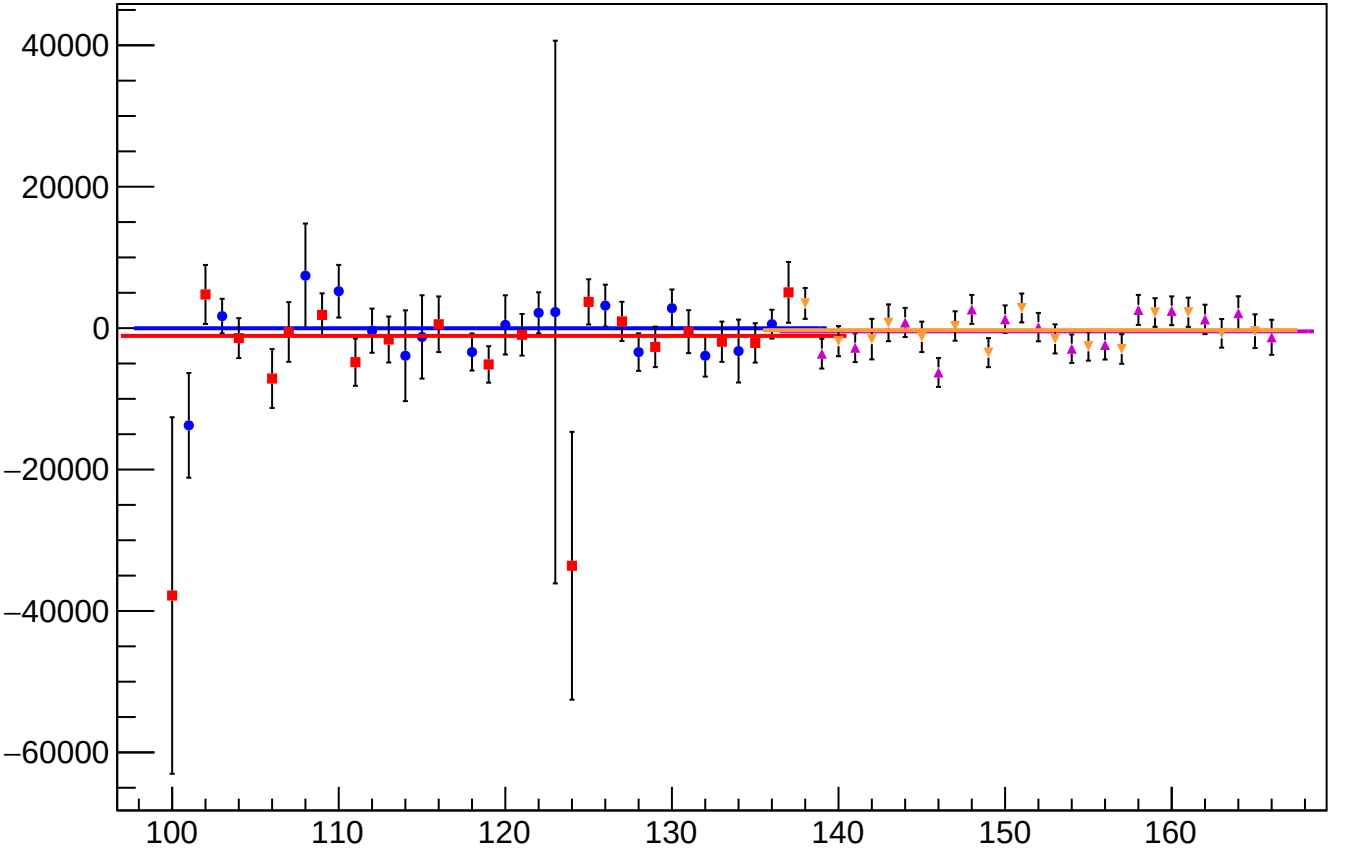
Right: 2178.816+/-0.427 χ^2/NDF: 1519207.5/35

In: 2055.746+/-0.351 χ^2/NDF:850056.4/30

Out: 2079.459+/-0.350 χ^2/NDF:971760.1/33

All: 2067.626+/-0.248 χ^2/NDF: 1824108.3/64

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -285.016+/-557.166 χ^2/NDF:15.2/14

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

Left In: -457.744+/-558.904 χ^2/NDF:23.5/13

Left: -371.111+/-394.589 χ^2/NDF: 38.8/28

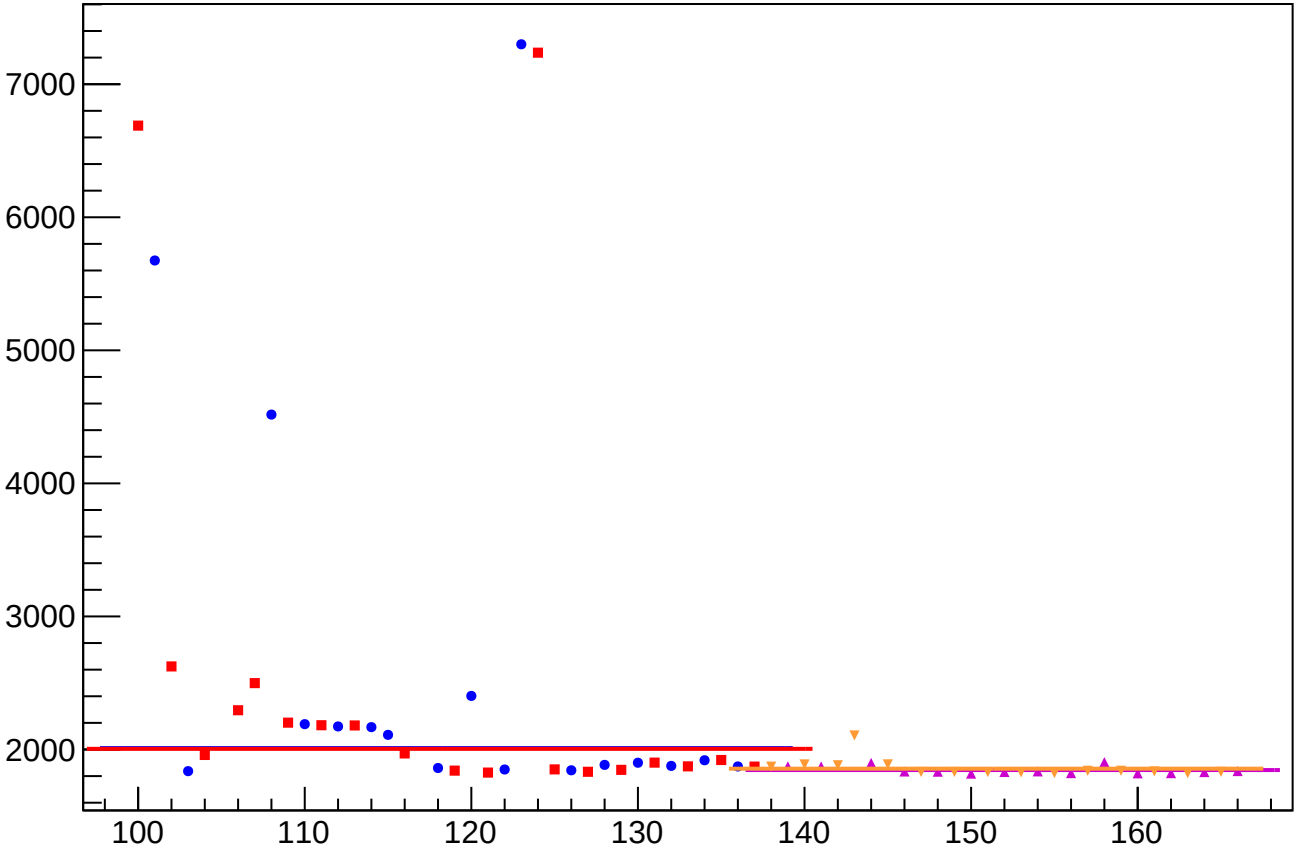
Right: -578.567+/-555.139 χ^2/NDF: 36.2/35

In: -313.940+/-458.430 χ^2/NDF:39.6/30

Out: -563.650+/-451.333 χ^2/NDF:35.3/33

All: -440.743+/-321.621 χ^2/NDF: 75.0/64

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1855.820+/-0.394 χ^2/NDF:22521.2/14

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

Left In: 1845.334+/-0.395 χ^2/NDF:5195.1/13

Left: 1850.594+/-0.279 χ^2/NDF: 28069.3/28

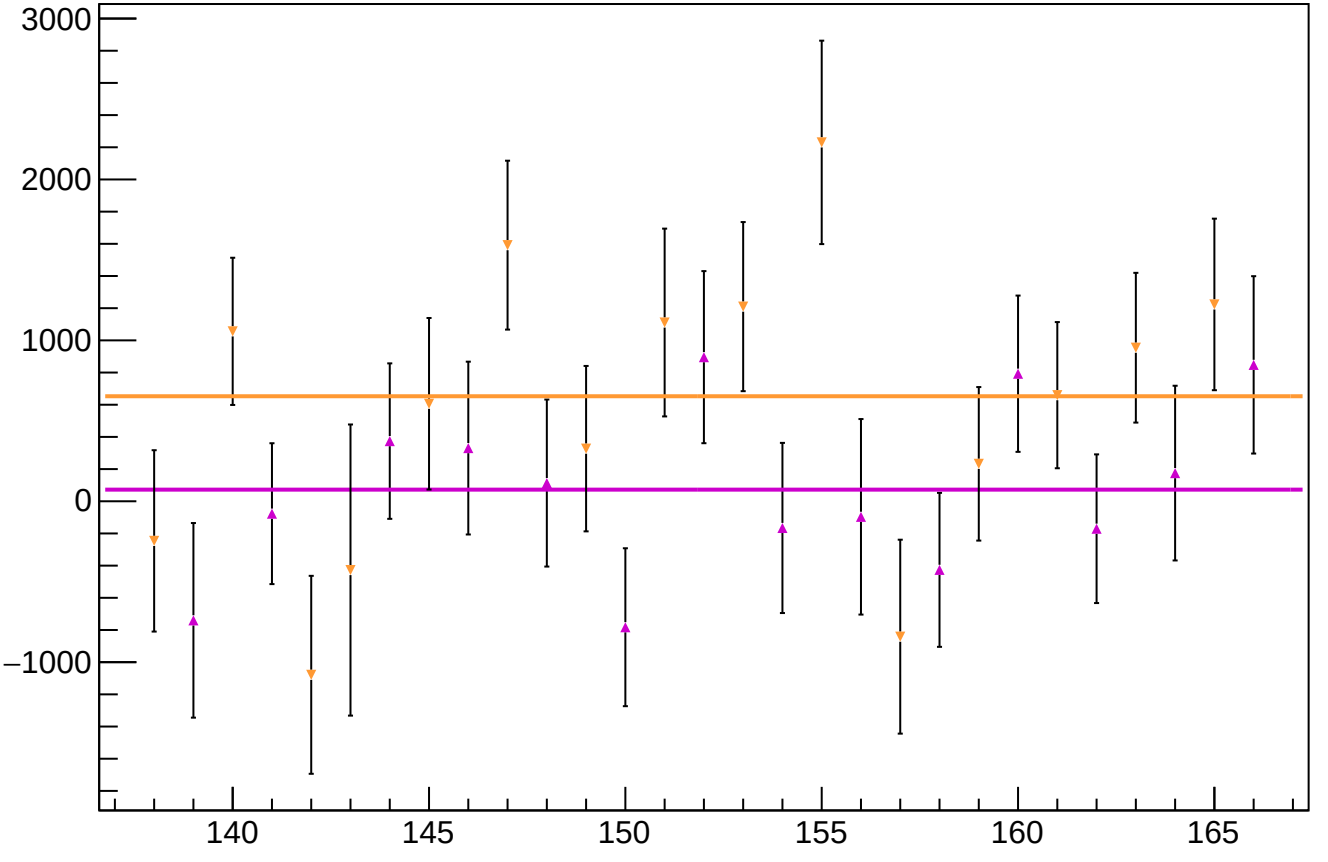
Right: 2007.469+/-0.393 χ^2/NDF: 1207306.7/35

In: 1899.306+/-0.324 χ^2/NDF:901936.9/30

Out: 1907.070+/-0.319 χ^2/NDF:439252.2/33

All: 1903.249+/-0.227 χ^2/NDF: 1341480.5/64

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 652.708+/-138.784 χ^2/NDF:32.7/14

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

Left In: 72.312+/-136.938 χ^2/NDF:13.8/13

Left: 358.625+/-97.476 χ^2/NDF: 55.4/28

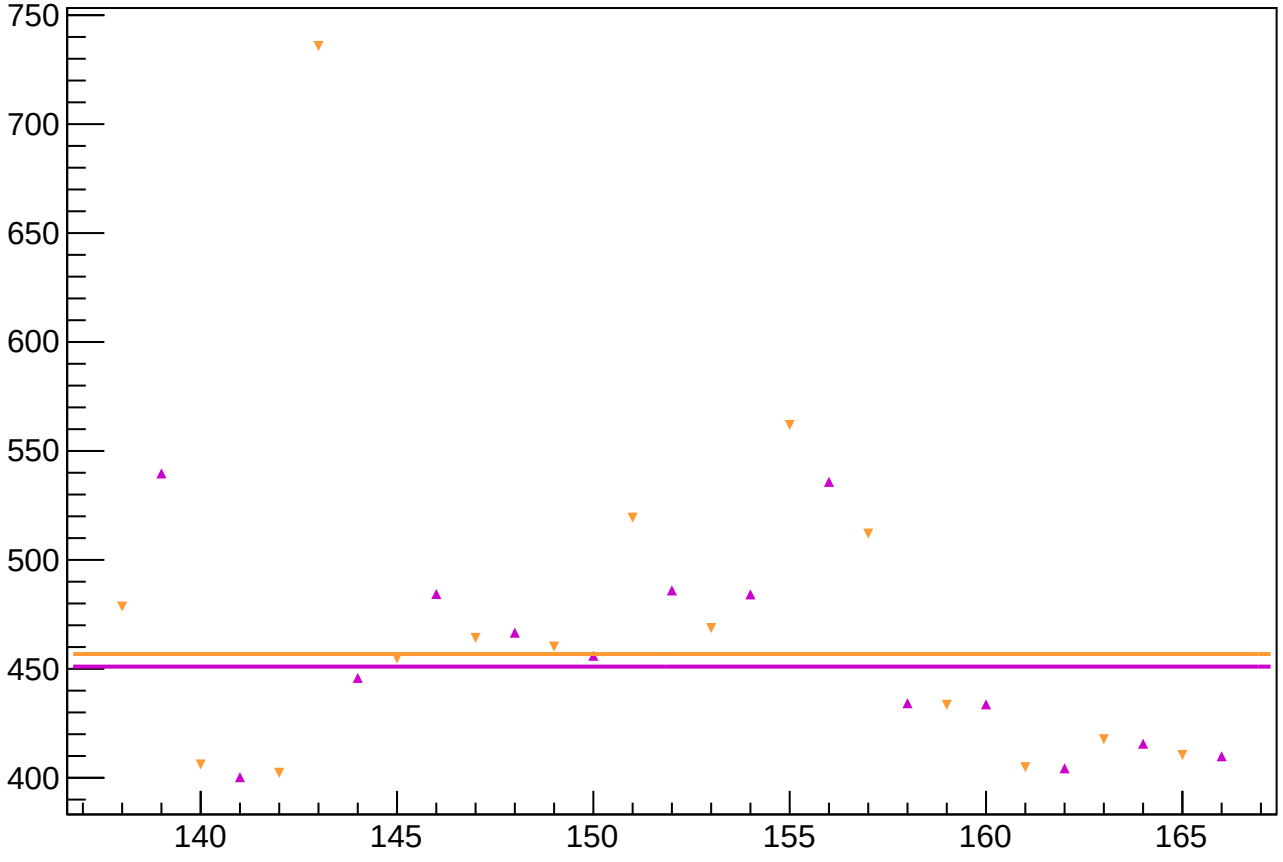
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 72.312+/-136.938 χ^2/NDF:13.8/13

Out: 652.708+/-138.784 χ^2/NDF:32.7/14

All: 358.625+/-97.476 χ^2/NDF: 55.4/28

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 456.802+/-0.098 χ^2/NDF:390359.7/14

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

Left In: 451.024+/-0.097 χ^2/NDF:180219.0/13

Left: 453.874+/-0.069 χ^2/NDF: 572335.3/28

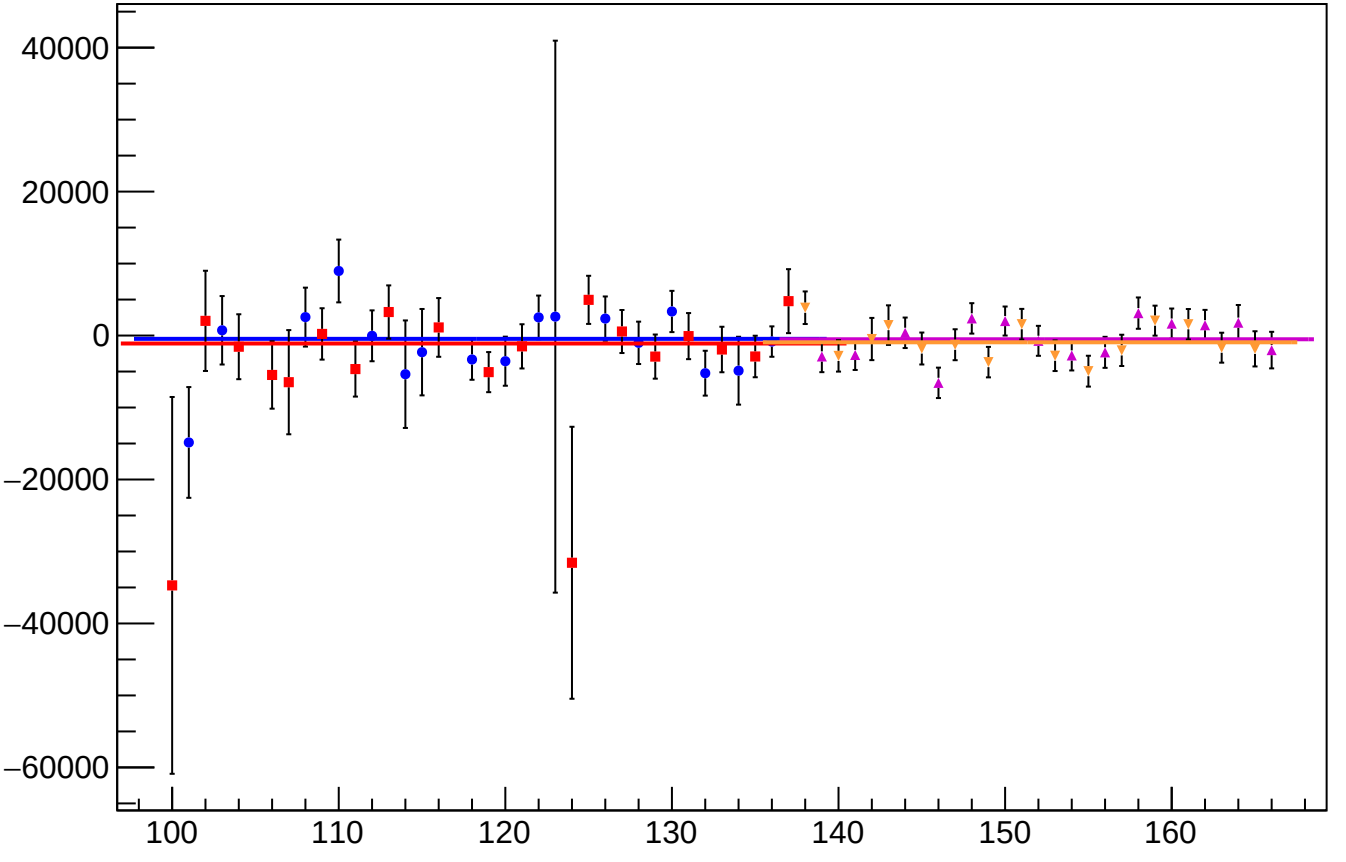
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 451.024+/-0.097 χ^2/NDF:180219.0/13

Out: 456.802+/-0.098 χ^2/NDF:390359.7/14

All: 453.874+/-0.069 χ^2/NDF: 572335.3/28

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -935.513+/-575.466 χ^2/NDF:17.6/14

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

Left In: -516.518+/-576.117 χ^2/NDF:22.0/13

Left: -726.252+/-407.146 χ^2/NDF: 39.8/28

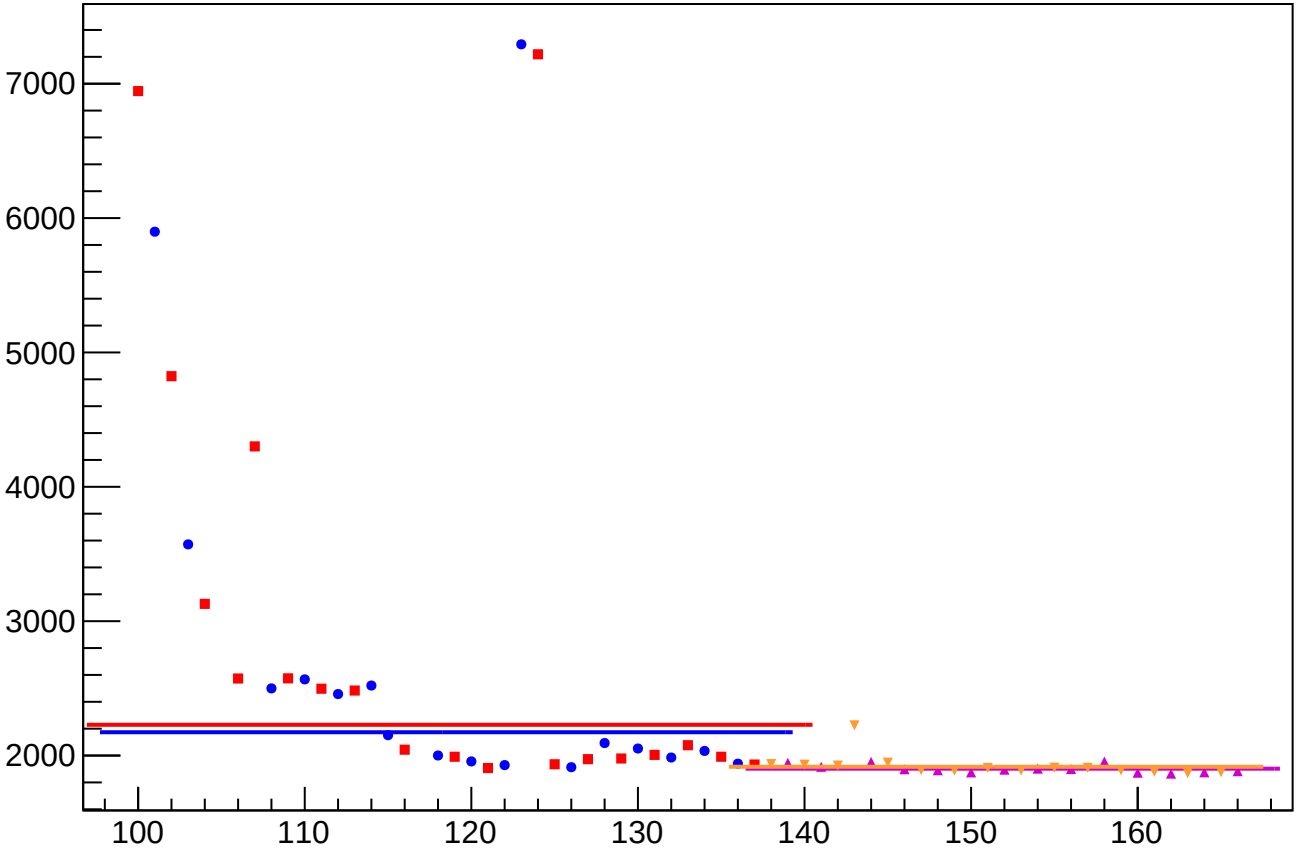
Right: -780.562+/-612.463 χ^2/NDF: 35.2/35

In: -498.636+/-479.524 χ^2/NDF:40.0/30

Out: -987.122+/-479.490 χ^2/NDF:34.5/33

All: -742.897+/-339.063 χ^2/NDF: 75.1/64

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1916.743+/-0.407 χ^2/NDF:29236.2/14

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

Left In: 1902.362+/-0.407 χ^2/NDF:4985.8/13

Left: 1909.561+/-0.288 χ^2/NDF: 34845.8/28

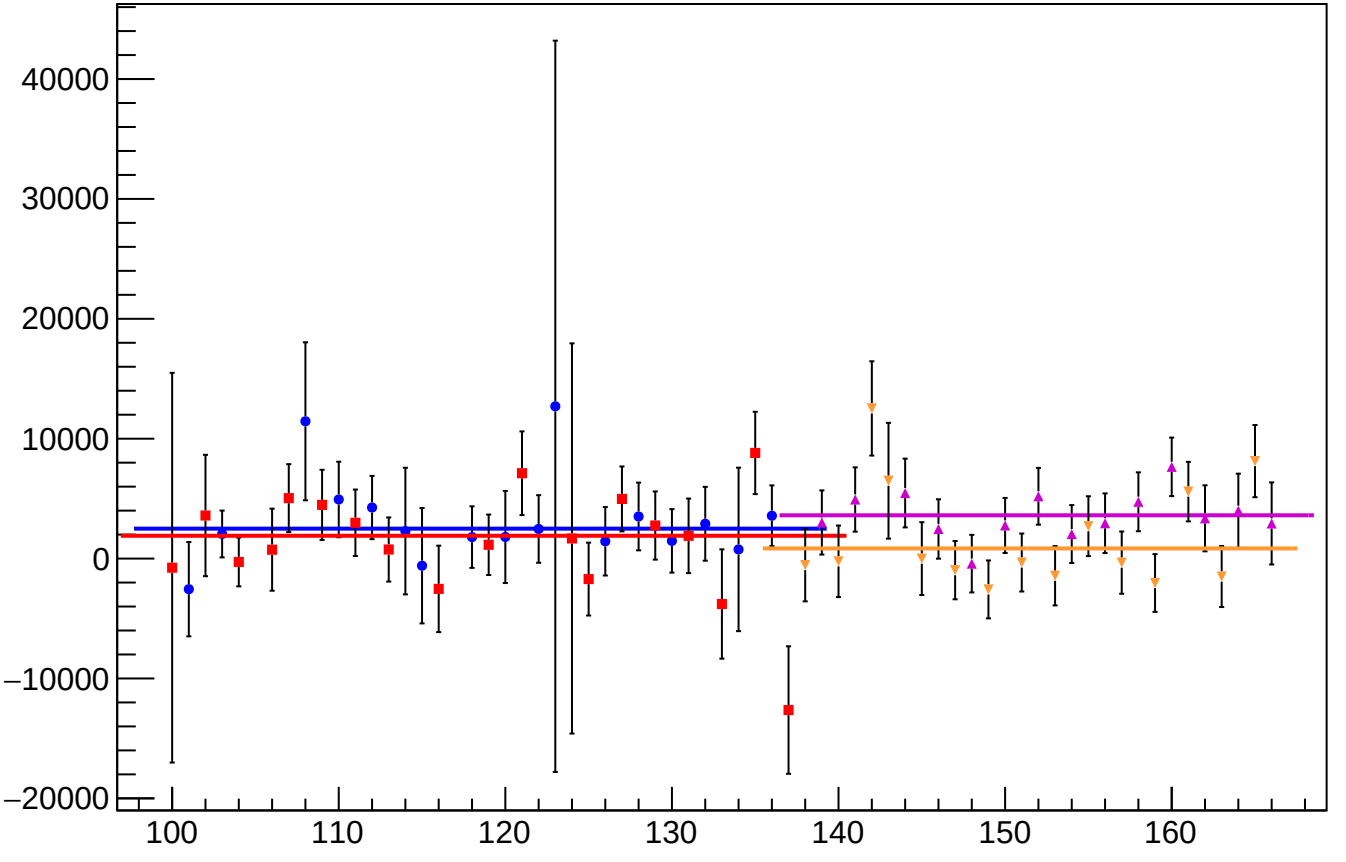
Right: 2201.146+/-0.433 χ^2/NDF: 1705309.7/35

In: 1985.668+/-0.339 χ^2/NDF:946465.1/30

Out: 2012.182+/-0.339 χ^2/NDF:1105018.5/33

All: 1998.926+/-0.240 χ^2/NDF: 2054541.1/64

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 846.435+/-703.456 χ^2/NDF:26.8/14

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

Left In: 3610.653+/-691.237 χ^2/NDF:7.8/13

Left: 2252.761+/-493.042 χ^2/NDF: 42.5/28

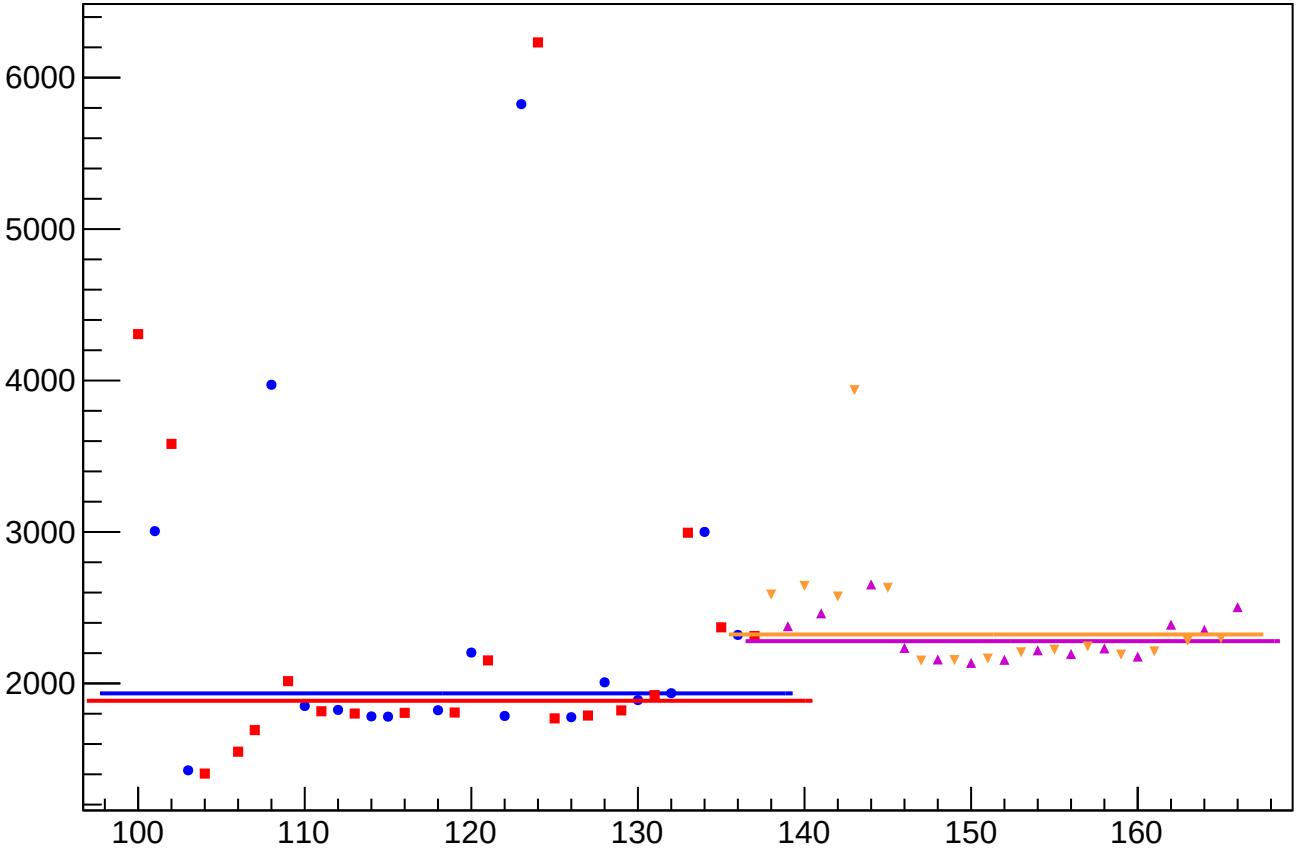
Right: 2187.370+/-531.779 χ^2/NDF: 29.7/35

In: 3112.286+/-513.868 χ^2/NDF:14.9/30

Out: 1350.260+/-508.796 χ^2/NDF:51.3/33

All: 2222.534+/-361.553 χ^2/NDF: 72.1/64

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2323.432+/-0.497 χ^2/NDF:339021.6/14

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

Left In: 2279.224+/-0.489 χ^2/NDF:85862.1/13

Left: 2300.941+/-0.349 χ^2/NDF: 428902.3/28

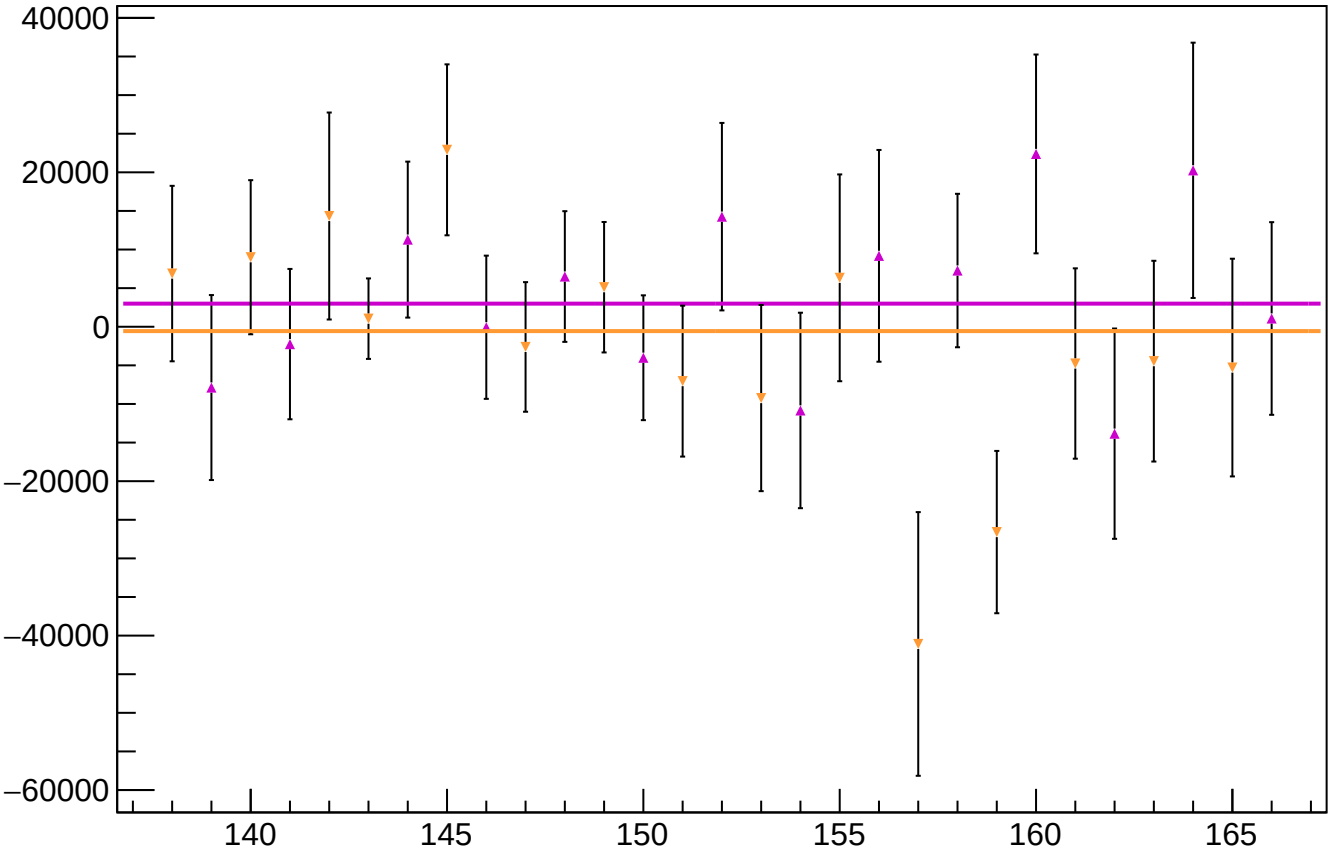
Right: 1908.949+/-0.376 χ^2/NDF: 1395226.1/35

In: 2124.968+/-0.363 χ^2/NDF:947425.9/30

Out: 2114.580+/-0.360 χ^2/NDF:1460734.5/33

All: 2119.722+/-0.256 χ^2/NDF: 2408573.2/64

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -563.309+/-2586.560 χ^2/NDF:21.0/14

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

Left In: 2992.391+/-2908.643 χ^2/NDF:10.2/13

Left: 1006.849+/-1932.856 χ^2/NDF: 32.0/28

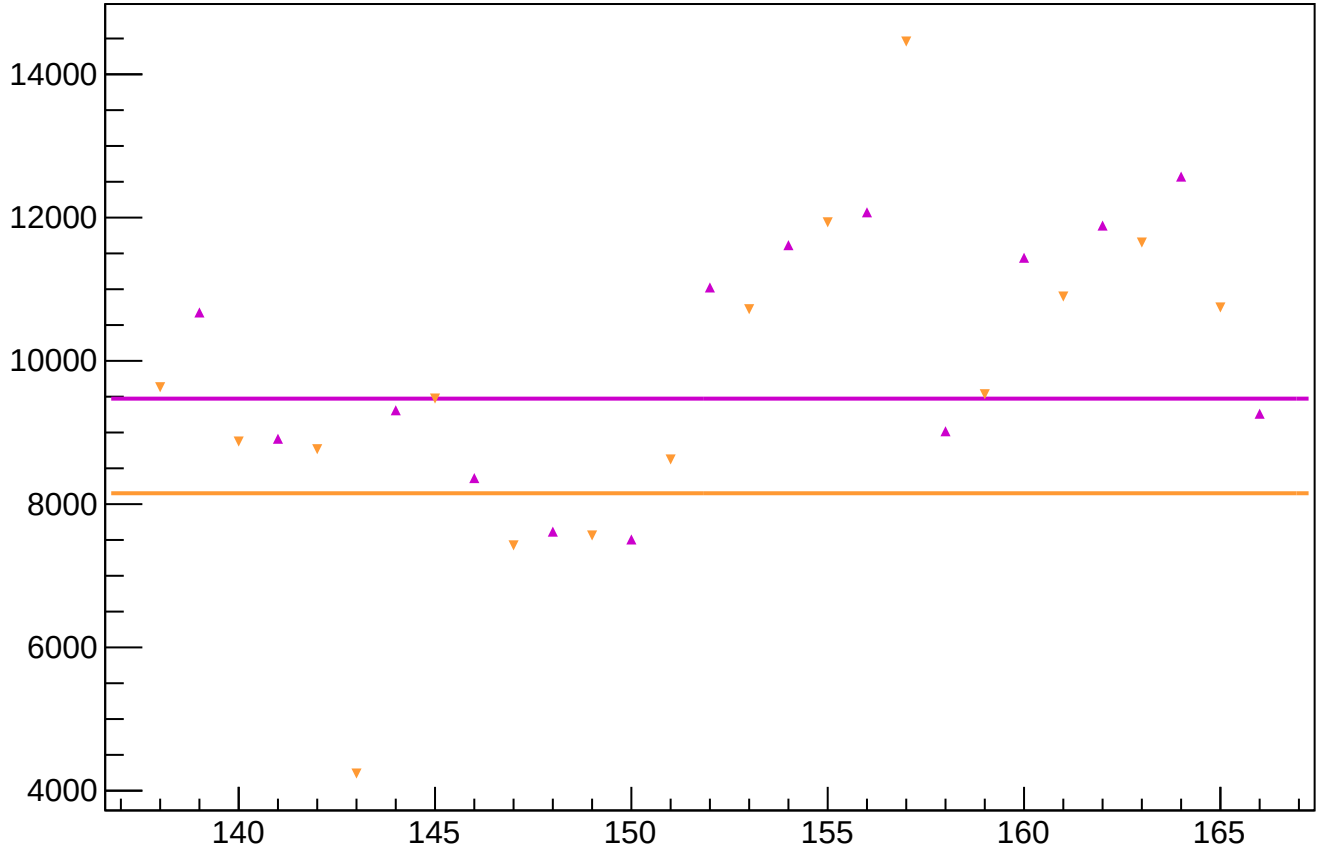
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2992.391+/-2908.643 χ^2/NDF:10.2/13

Out: -563.309+/-2586.560 χ^2/NDF:21.0/14

All: 1006.849+/-1932.856 χ^2/NDF: 32.0/28

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8151.950+/-1.829 χ^2/NDF:2103054.9/14

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

Left In: 9472.783+/-2.057 χ^2/NDF:617090.0/13

Left: 8735.215+/-1.367 χ^2/NDF: 2950447.8/28

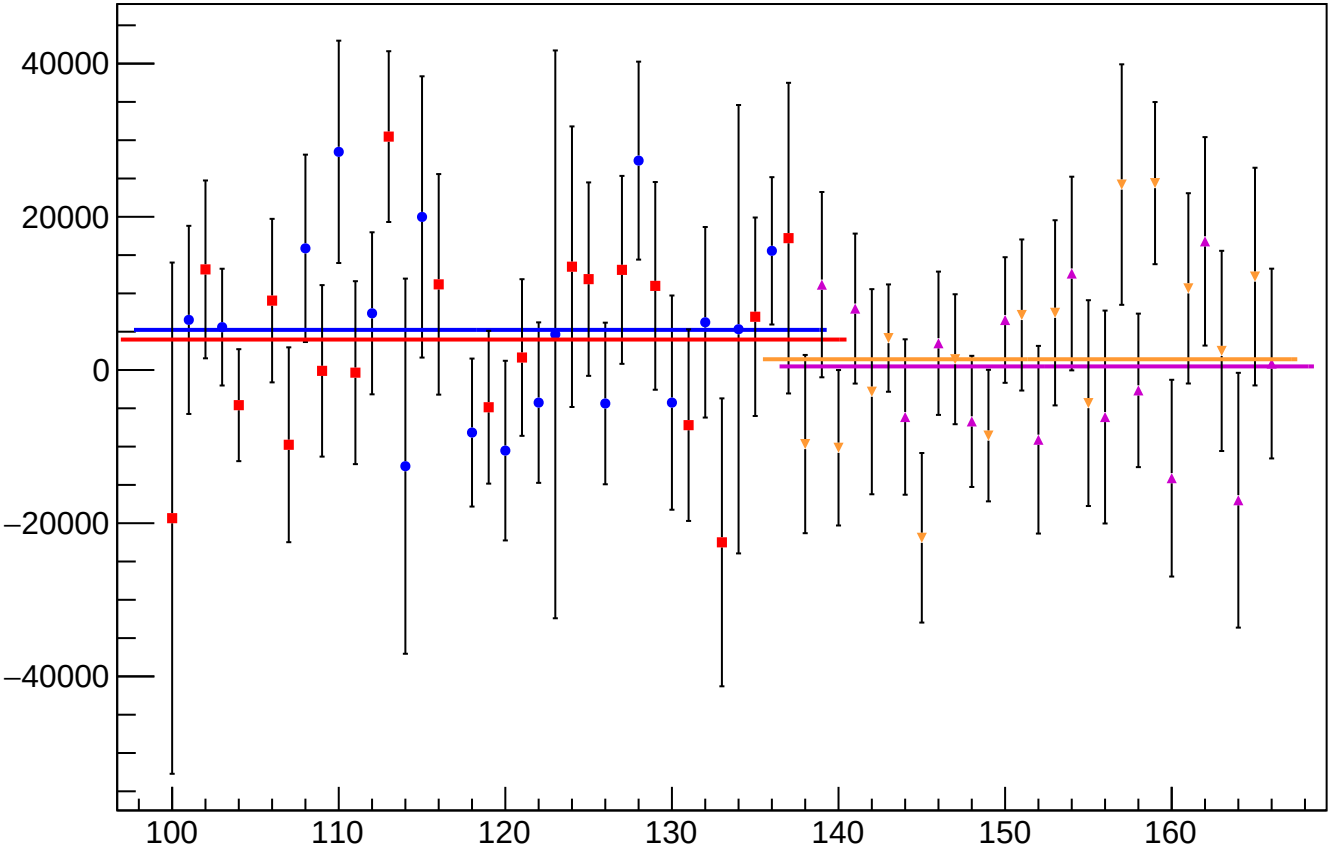
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 9472.783+/-2.057 χ^2/NDF:617090.0/13

Out: 8151.950+/-1.829 χ^2/NDF:2103054.9/14

All: 8735.215+/-1.367 χ^2/NDF: 2950447.8/28

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1404.645+/-2756.511 χ^2/NDF:17.0/14

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

Left In: 468.931+/-2928.702 χ^2/NDF:8.8/13

Left: 965.103+/-2007.262 χ^2/NDF: 25.9/28

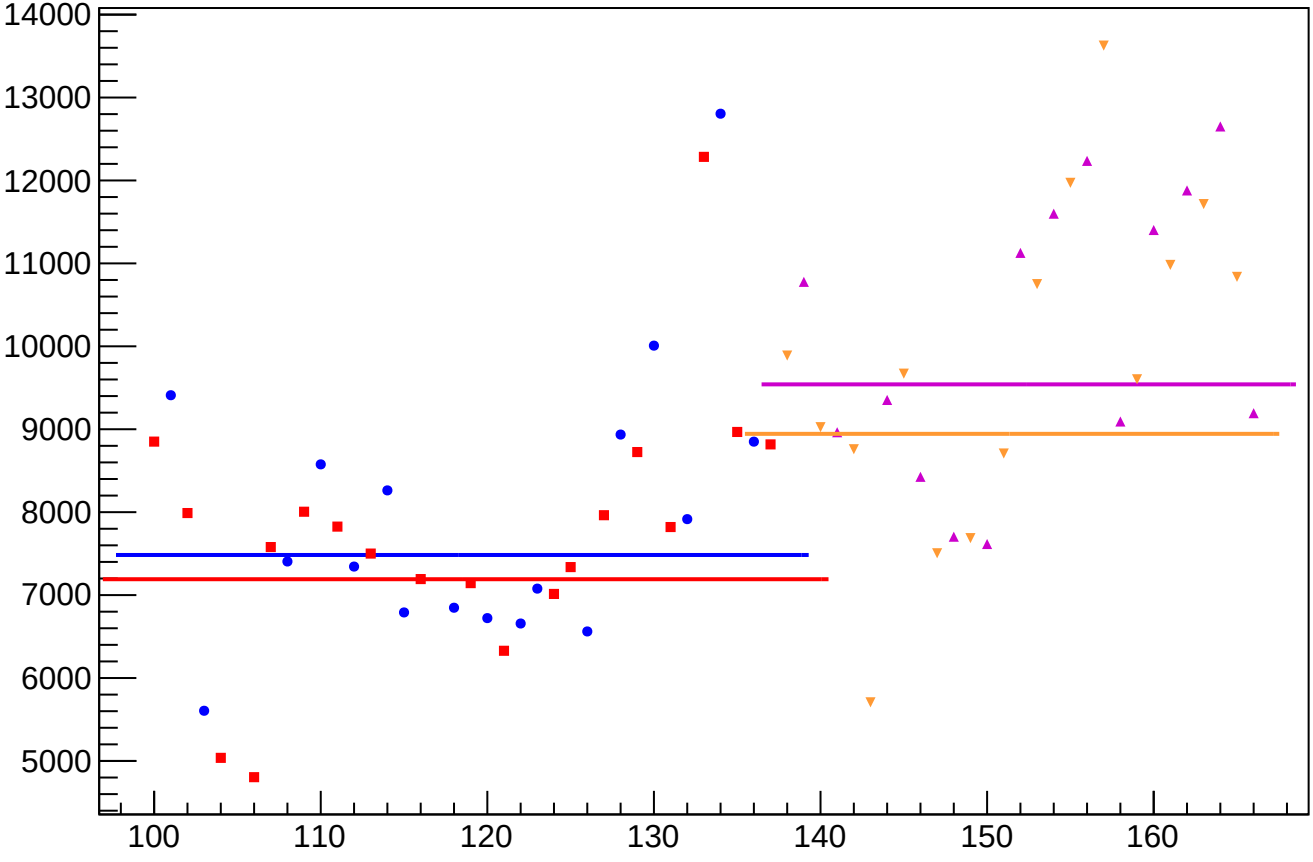
Right: 4573.057+/-2025.948 χ^2/NDF: 30.2/35

In: 2839.566+/-2077.051 χ^2/NDF:24.6/30

Out: 2674.634+/-1961.027 χ^2/NDF:33.0/33

All: 2752.365+/-1425.909 χ^2/NDF: 57.7/64

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8944.452+/-1.949 χ^2/NDF:1062004.6/14

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

Left In: 9541.122+/-2.071 χ^2/NDF:597630.9/13

Left: 9224.732+/-1.419 χ^2/NDF: 1703654.1/28

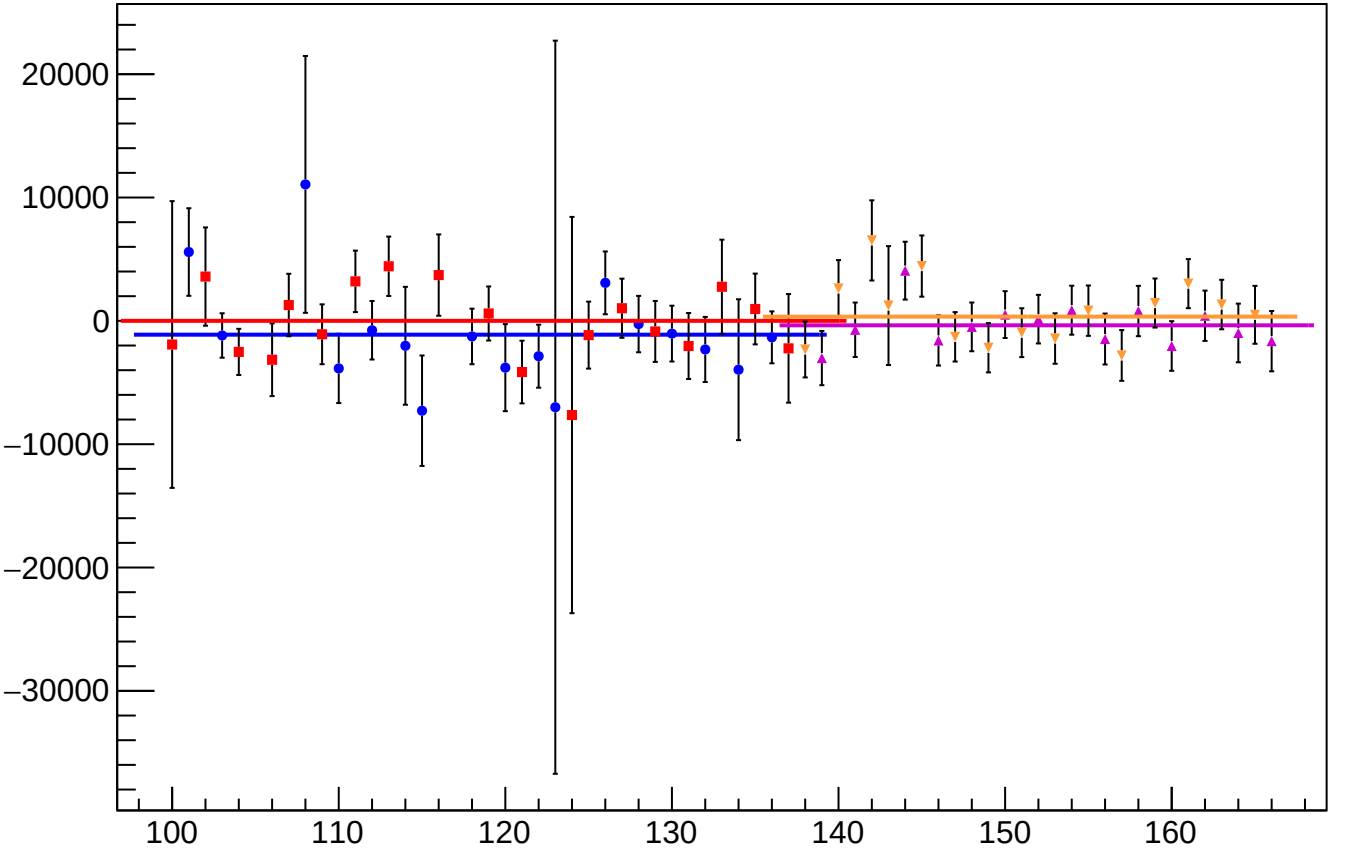
Right: 7329.673+/-1.432 χ^2/NDF: 1000940.7/35

In: 8518.542+/-1.469 χ^2/NDF:1519985.6/30

Out: 8078.555+/-1.387 χ^2/NDF:2020296.1/33

All: 8285.906+/-1.008 χ^2/NDF: 3587734.6/64

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 342.833+/-568.919 χ^2/NDF:17.0/14

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

Left In: -361.708+/-560.176 χ^2/NDF:7.9/13

Left: -14.893+/-399.159 χ^2/NDF: 25.6/28

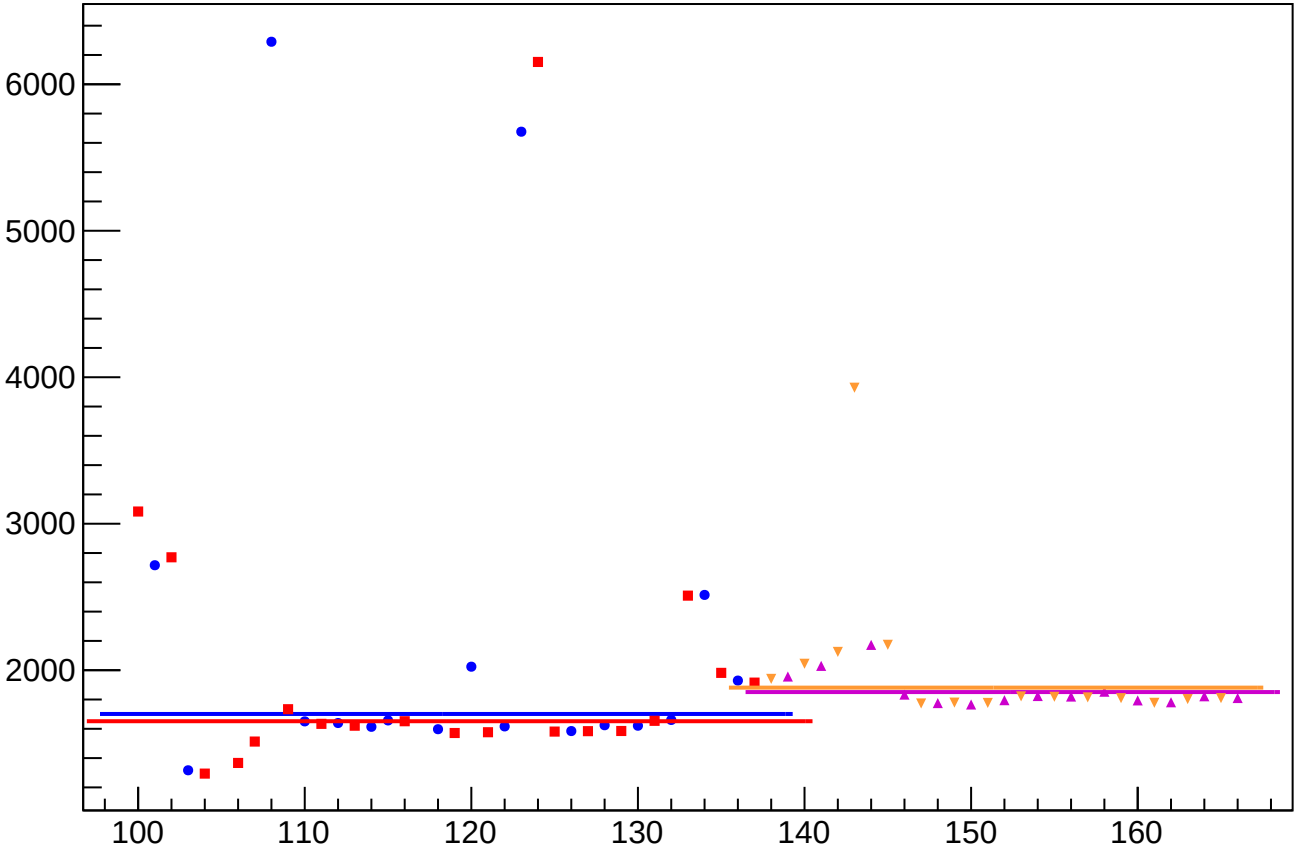
Right: -525.400+/-465.654 χ^2/NDF: 29.2/35

In: -668.918+/-432.146 χ^2/NDF:20.9/30

Out: 192.530+/-425.111 χ^2/NDF:32.6/33

All: -231.125+/-303.055 χ^2/NDF: 55.5/64

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1881.107+/-0.402 χ^2/NDF:446469.3/14

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

Left In: 1850.769+/-0.396 χ^2/NDF:69690.4/13

Left: 1865.703+/-0.282 χ^2/NDF: 519047.4/28

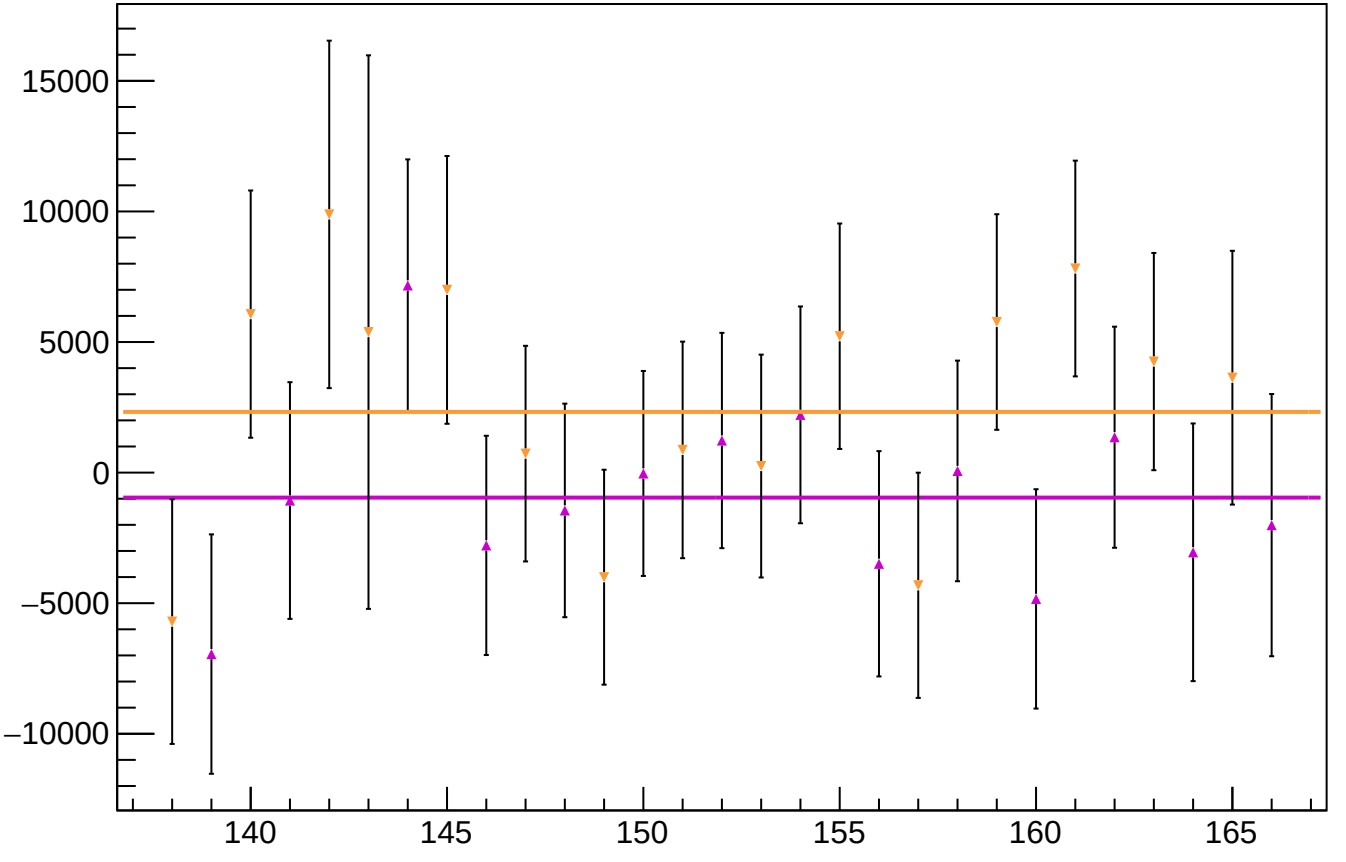
Right: 1675.026+/-0.329 χ^2/NDF: 1373201.9/35

In: 1790.247+/-0.306 χ^2/NDF:906072.8/30

Out: 1779.804+/-0.301 χ^2/NDF:1178892.9/33

All: 1784.939+/-0.214 χ^2/NDF: 2085559.2/64

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2324.386+/-1182.153 χ^2/NDF:14.2/14

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

Left In: -957.296+/-1161.923 χ^2/NDF:7.4/13

Left: 655.226+/-828.663 χ^2/NDF: 25.6/28

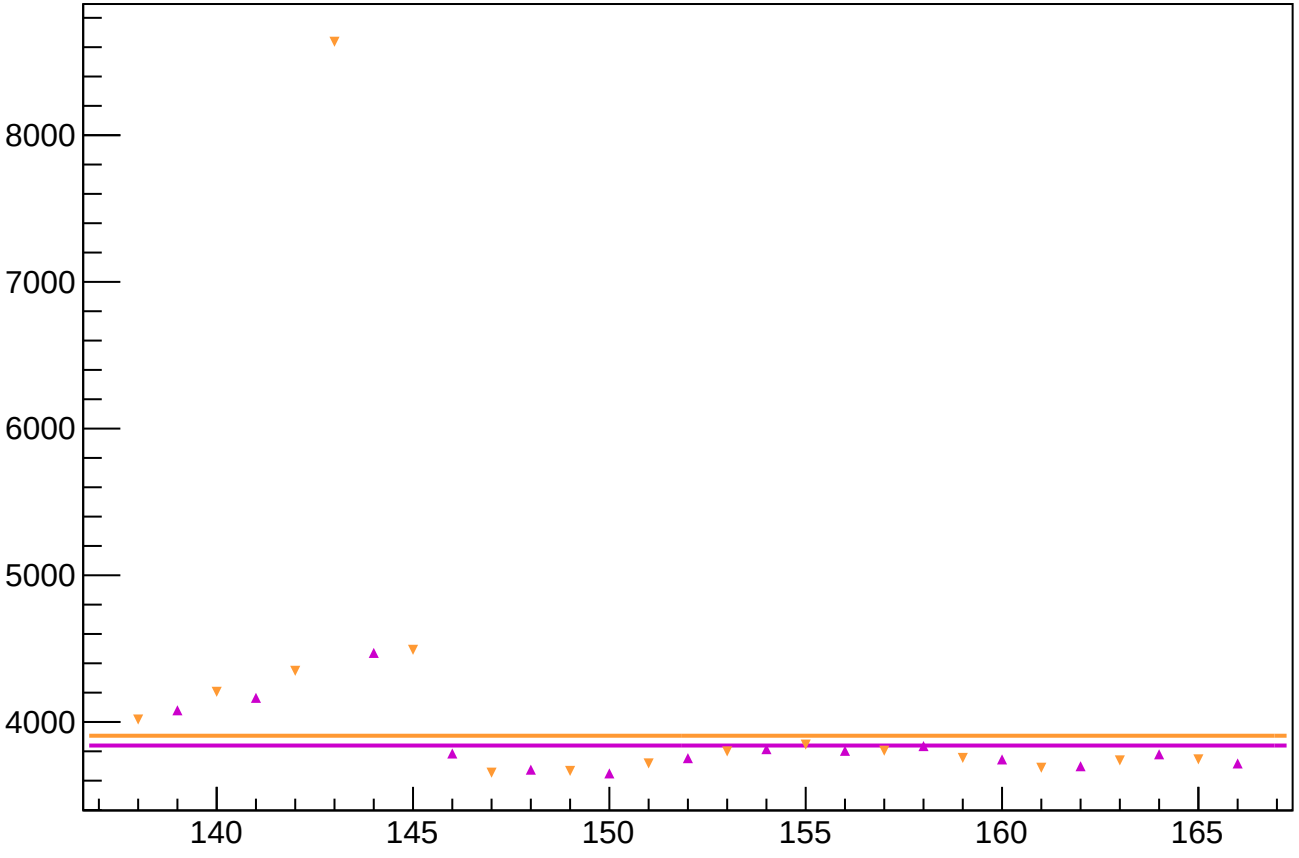
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -957.296+/-1161.923 χ^2/NDF:7.4/13

Out: 2324.386+/-1182.153 χ^2/NDF:14.2/14

All: 655.226+/-828.663 χ^2/NDF: 25.6/28

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3906.266+/-0.836 χ^2/NDF:477453.4/14

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

Left In: 3839.457+/-0.822 χ^2/NDF:64079.6/13

Left: 3872.285+/-0.586 χ^2/NDF: 544782.0/28

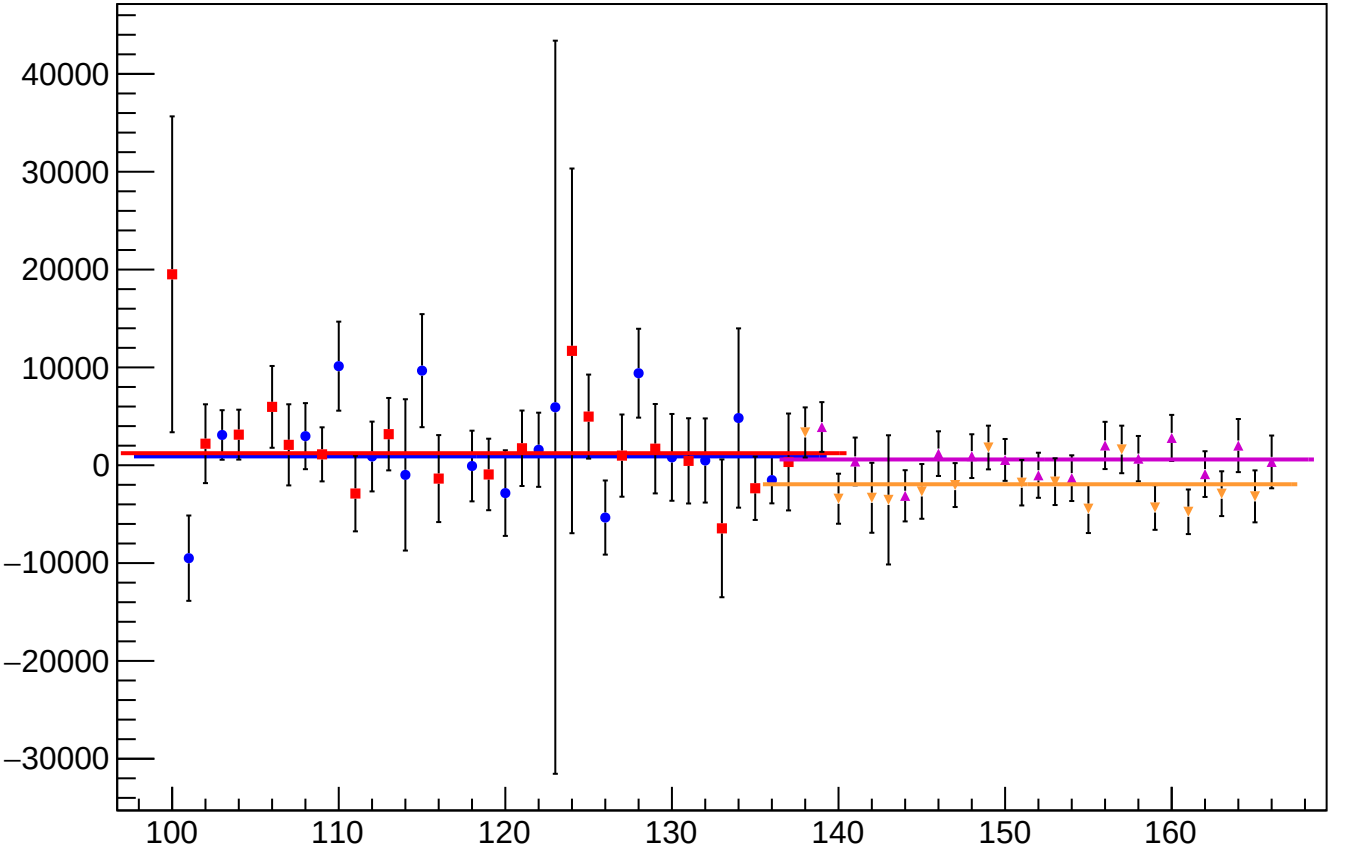
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3839.457+/-0.822 χ^2/NDF:64079.6/13

Out: 3906.266+/-0.836 χ^2/NDF:477453.4/14

All: 3872.285+/-0.586 χ^2/NDF: 544782.0/28

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1943.202+/-653.563 χ^2/NDF:13.9/14

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

Left In: 590.274+/-639.619 χ^2/NDF:6.9/13

Left: -649.150+/-457.129 χ^2/NDF: 28.5/28

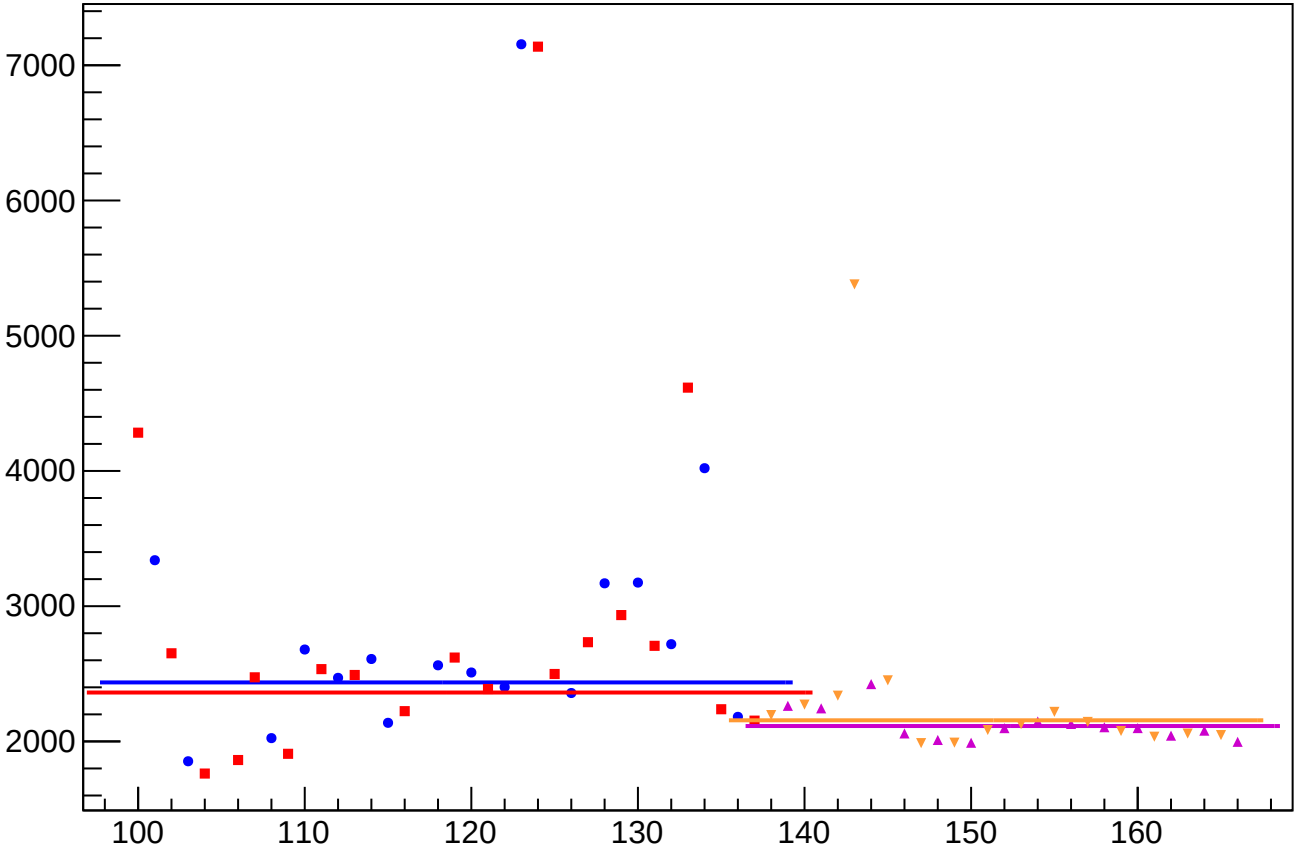
Right: 1073.549+/-666.754 χ^2/NDF: 30.6/35

In: 686.236+/-532.619 χ^2/NDF:28.6/30

Out: -886.276+/-533.776 χ^2/NDF:30.7/33

All: -98.313+/-377.027 χ^2/NDF: 63.6/64

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2156.128+/-0.462 χ^2/NDF:549500.1/14

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

Left In: 2113.822+/-0.452 χ^2/NDF:59398.6/13

Left: 2134.519+/-0.323 χ^2/NDF: 613179.1/28

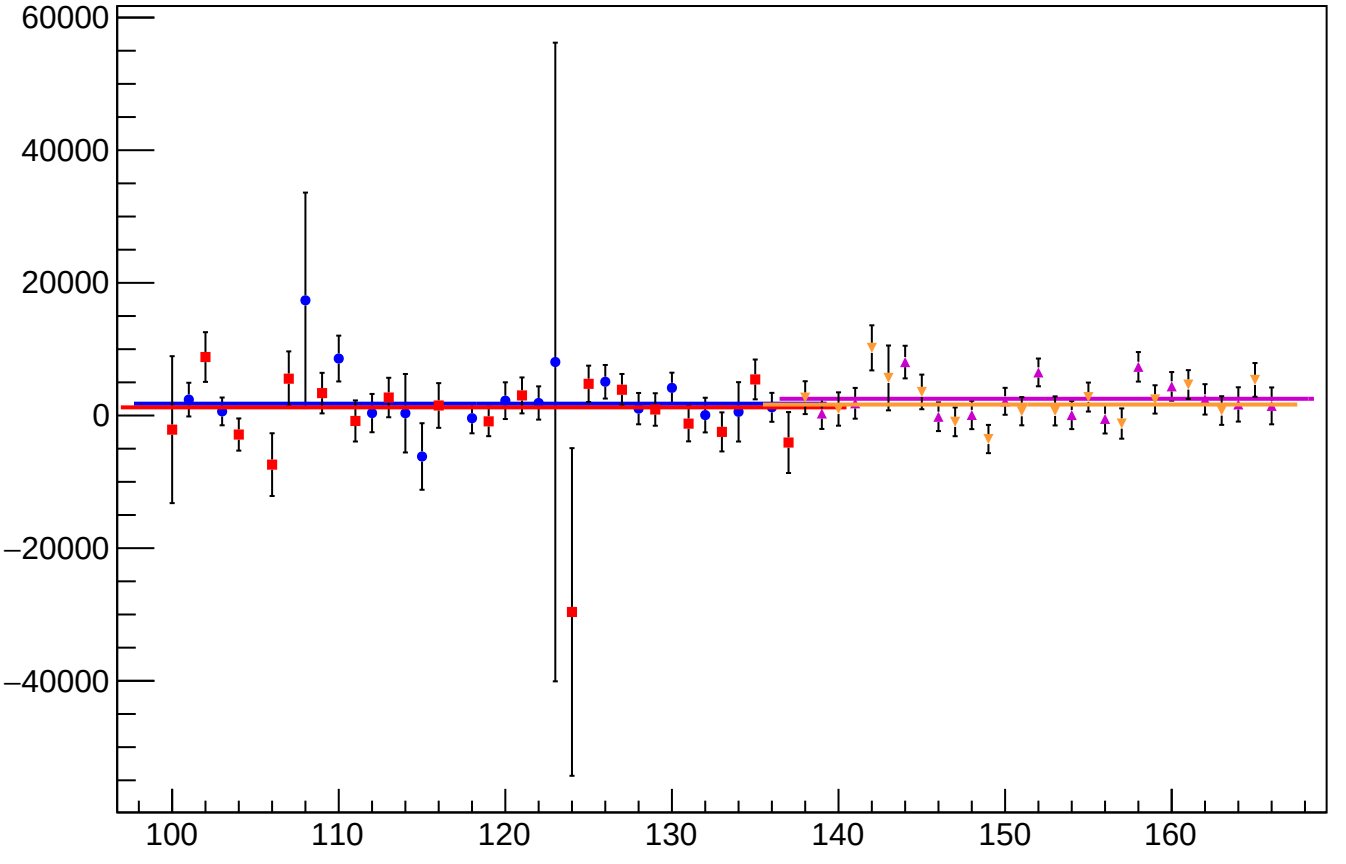
Right: 2397.448+/-0.471 χ^2/NDF: 1130664.2/35

In: 2212.678+/-0.377 χ^2/NDF:683772.3/30

Out: 2224.531+/-0.377 χ^2/NDF:1271141.6/33

All: 2218.591+/-0.267 χ^2/NDF: 1955408.0/64

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1654.364+/-613.099 χ^2/NDF:21.8/14

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

Left In: 2522.073+/-602.501 χ^2/NDF:21.5/13

Left: 2095.783+/-429.730 χ^2/NDF: 44.3/28

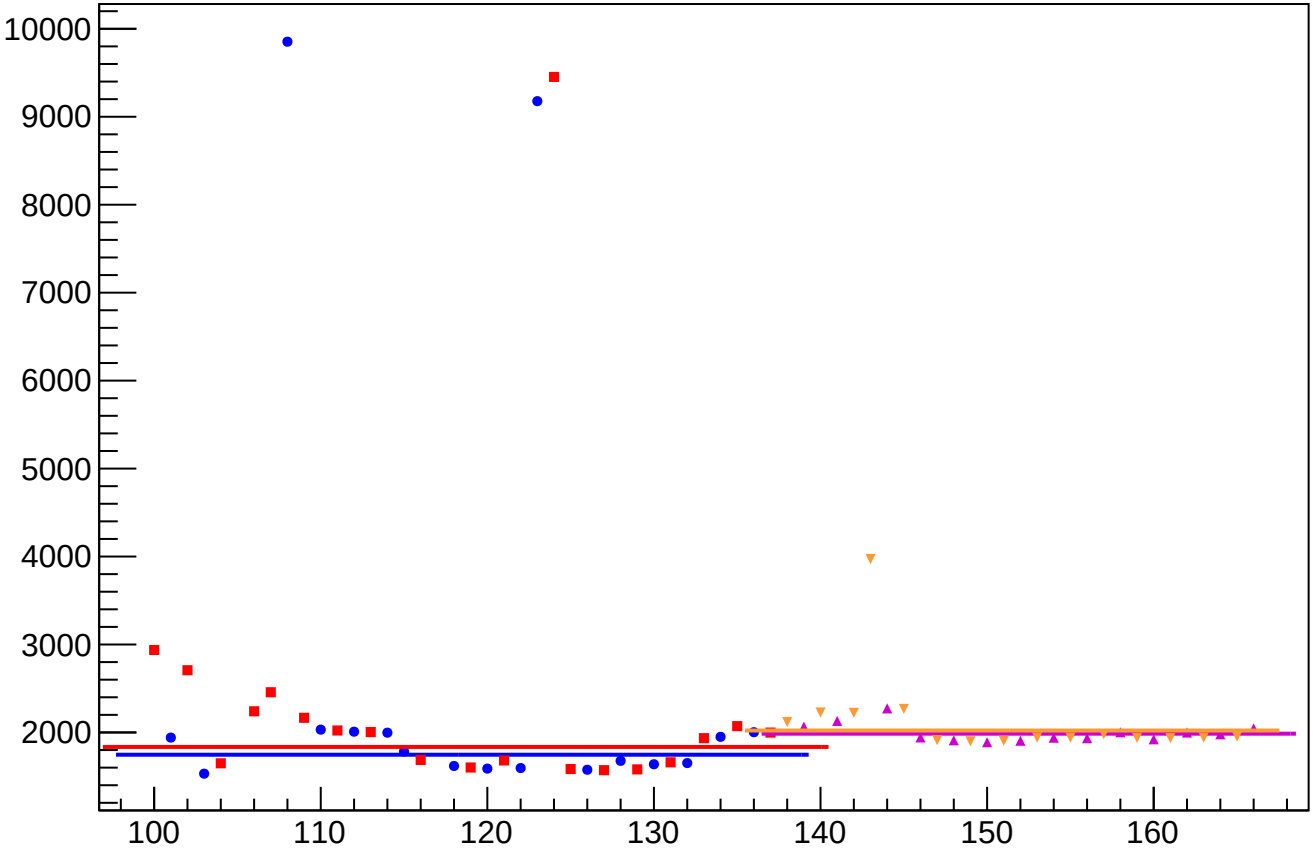
Right: 1511.828+/-495.804 χ^2/NDF: 37.0/35

In: 2204.865+/-455.081 χ^2/NDF:34.6/30

Out: 1472.249+/-463.515 χ^2/NDF:46.2/33

All: 1845.283+/-324.732 χ^2/NDF: 82.1/64

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2022.083+/-0.434 χ^2/NDF:393564.9/14

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

Left In: 1986.111+/-0.426 χ^2/NDF:53217.5/13

Left: 2003.783+/-0.304 χ^2/NDF: 450285.0/28

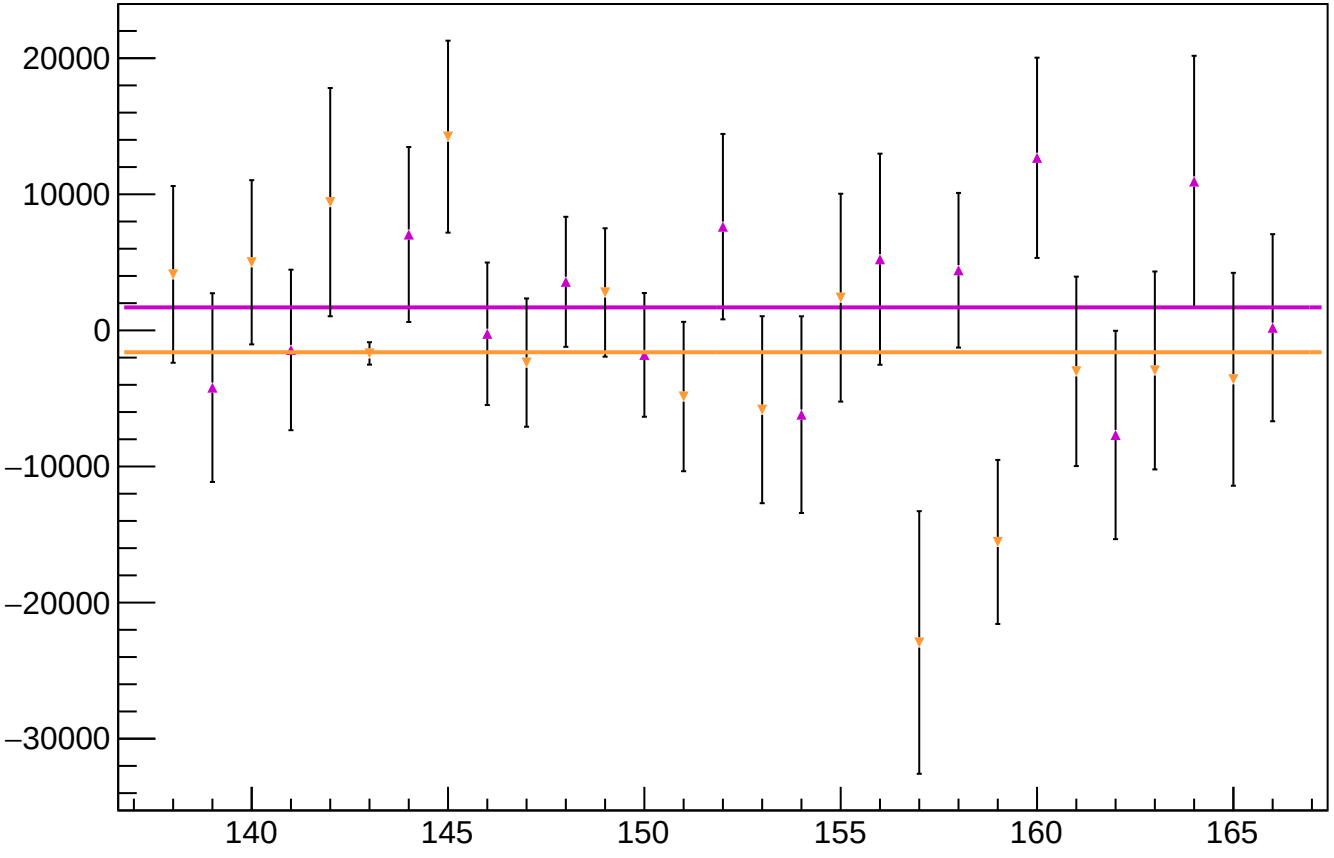
Right: 1790.310+/-0.350 χ^2/NDF: 1248859.1/35

In: 1883.344+/-0.322 χ^2/NDF:871177.7/30

Out: 1941.998+/-0.328 χ^2/NDF:1023509.9/33

All: 1912.148+/-0.230 χ^2/NDF: 1911002.8/64

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1605.883+/-742.711 χ^2/NDF:21.0/14

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

Left In: 1689.798+/-1668.564 χ^2/NDF:9.7/13

Left: -1060.885+/-678.528 χ^2/NDF: 34.0/28

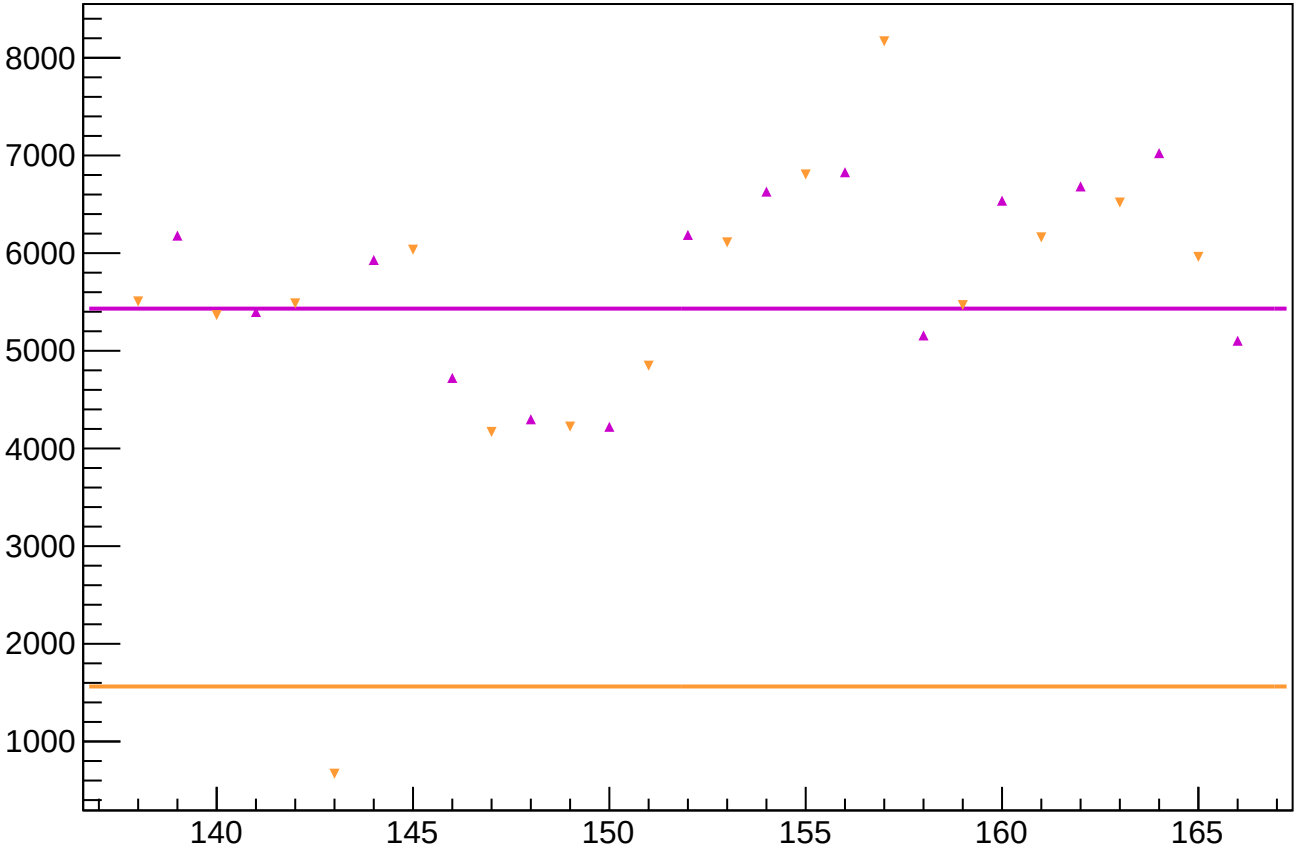
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1689.798+/-1668.564 χ^2/NDF:9.7/13

Out: -1605.883+/-742.711 χ^2/NDF:21.0/14

All: -1060.885+/-678.528 χ^2/NDF: 34.0/28

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1563.059+/-0.525 χ^2/NDF:13115283.8/14

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

Left In: 5431.937+/-1.180 χ^2/NDF:637801.8/13

Left: 2202.845+/-0.480 χ^2/NDF: 22727576.4/28

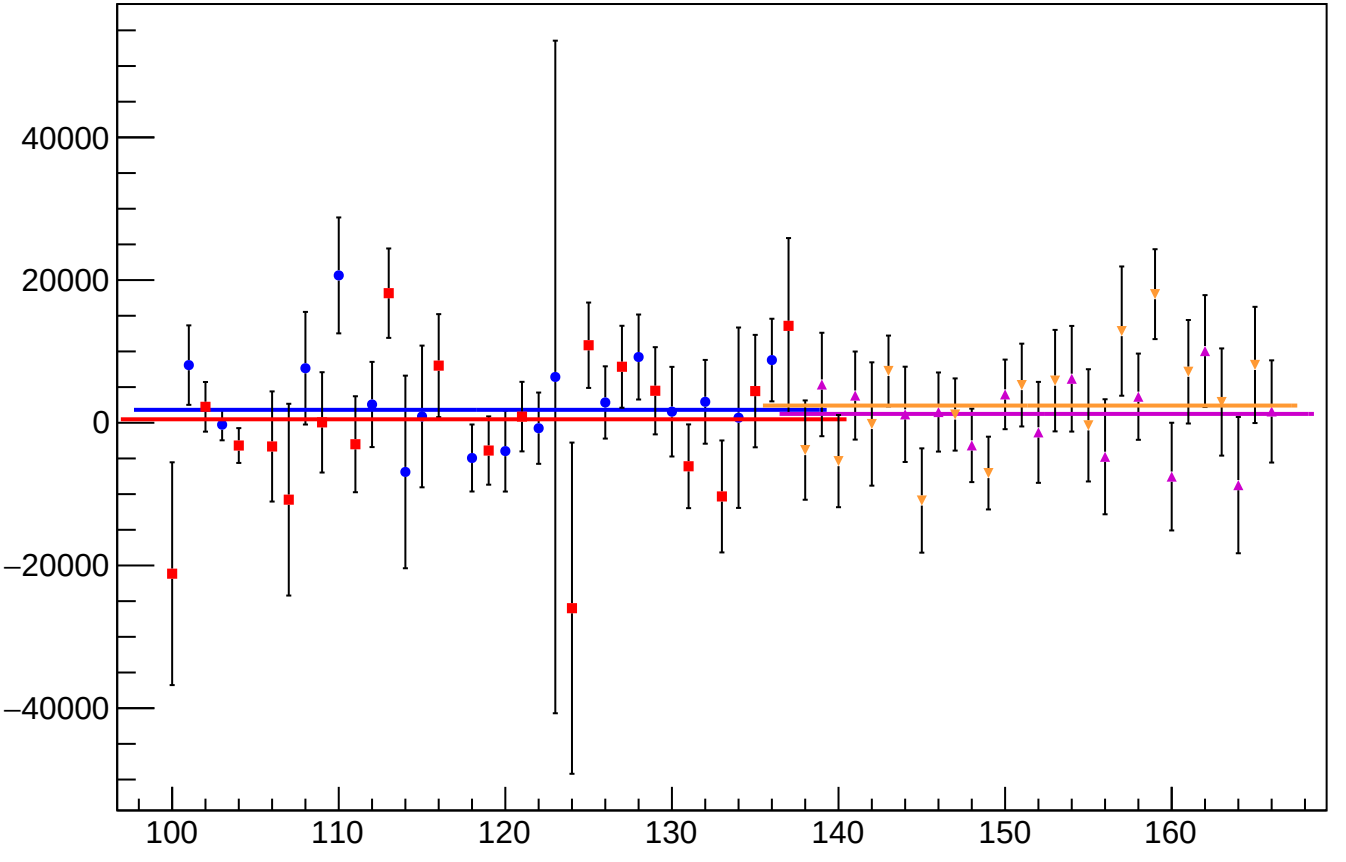
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5431.937+/-1.180 χ^2/NDF:637801.8/13

Out: 1563.059+/-0.525 χ^2/NDF:13115283.8/14

All: 2202.845+/-0.480 χ^2/NDF: 22727576.4/2

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2413.749+/-1691.036 χ^2/NDF:19.1/14

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

Left In: 1242.615+/-1753.272 χ^2/NDF:6.6/13

Left: 1849.337+/-1217.150 χ^2/NDF: 25.9/28

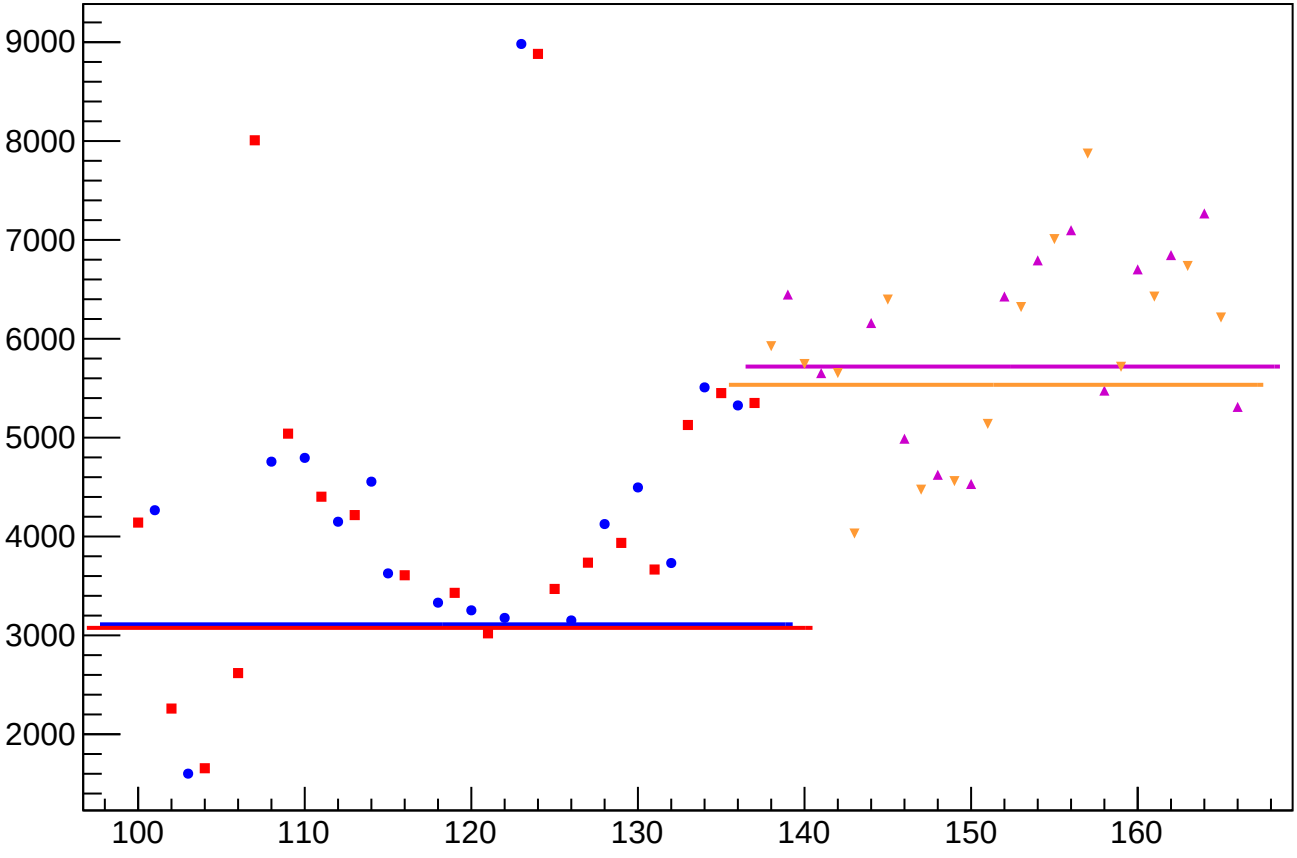
Right: 1143.505+/-914.731 χ^2/NDF: 42.0/35

In: 1611.212+/-1044.939 χ^2/NDF:21.6/30

Out: 1193.910+/-1023.664 χ^2/NDF:46.4/33

All: 1398.270+/-731.246 χ^2/NDF: 68.1/64

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5534.361+/-1.196 χ^2/NDF:715875.3/14

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

Left In: 5718.949+/-1.240 χ^2/NDF:531166.6/13

Left: 5623.321+/-0.861 χ^2/NDF: 1258526.6/28

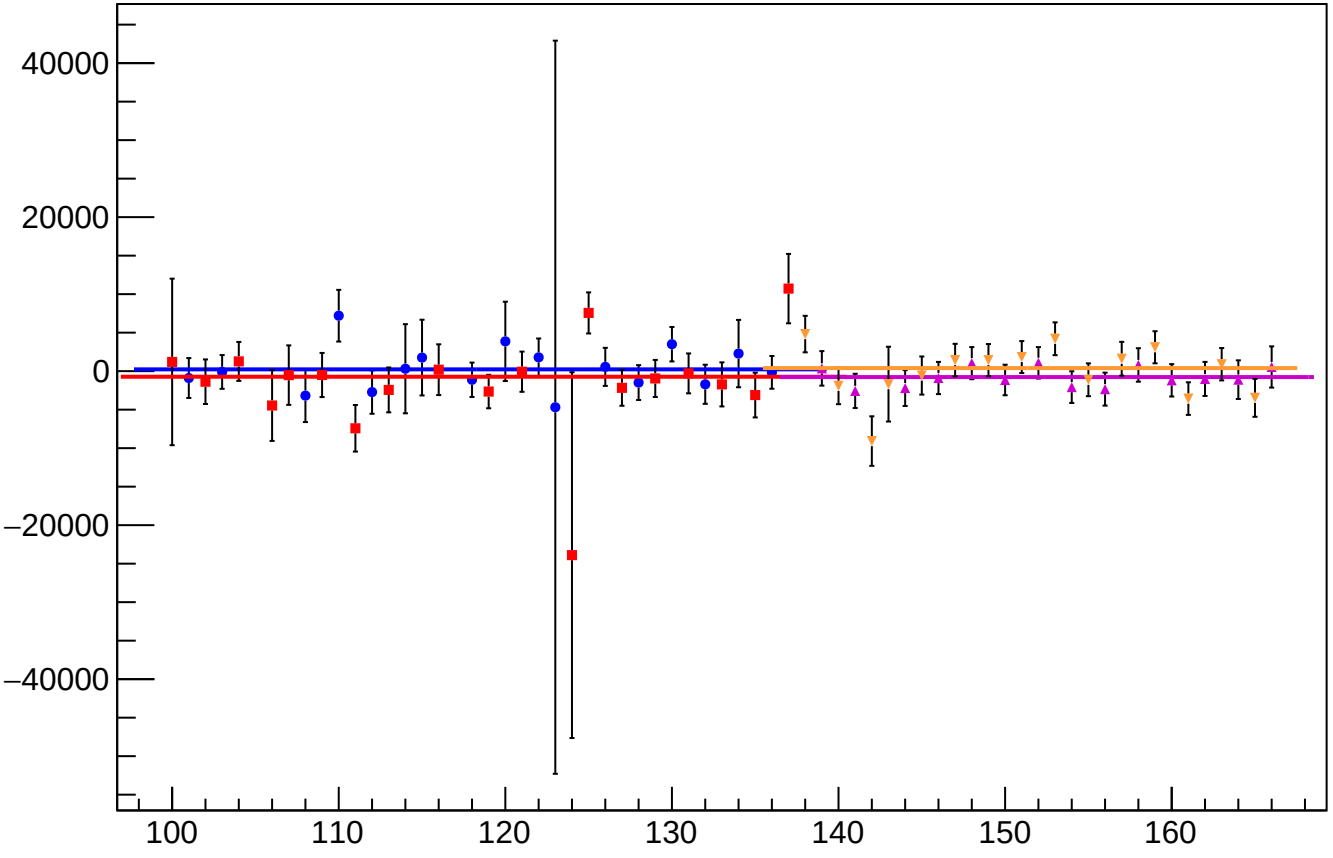
Right: 3093.209+/-0.642 χ^2/NDF: 3889323.9/35

In: 4037.721+/-0.739 χ^2/NDF:5262252.4/30

Out: 3960.151+/-0.717 χ^2/NDF:5432306.5/33

All: 3997.779+/-0.515 χ^2/NDF: 10700234.0/6

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 397.158+/-593.716 χ^2/NDF:26.1/14

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

Left In: -768.693+/-583.880 χ^2/NDF:4.7/13

Left: -195.504+/-416.300 χ^2/NDF: 32.7/28

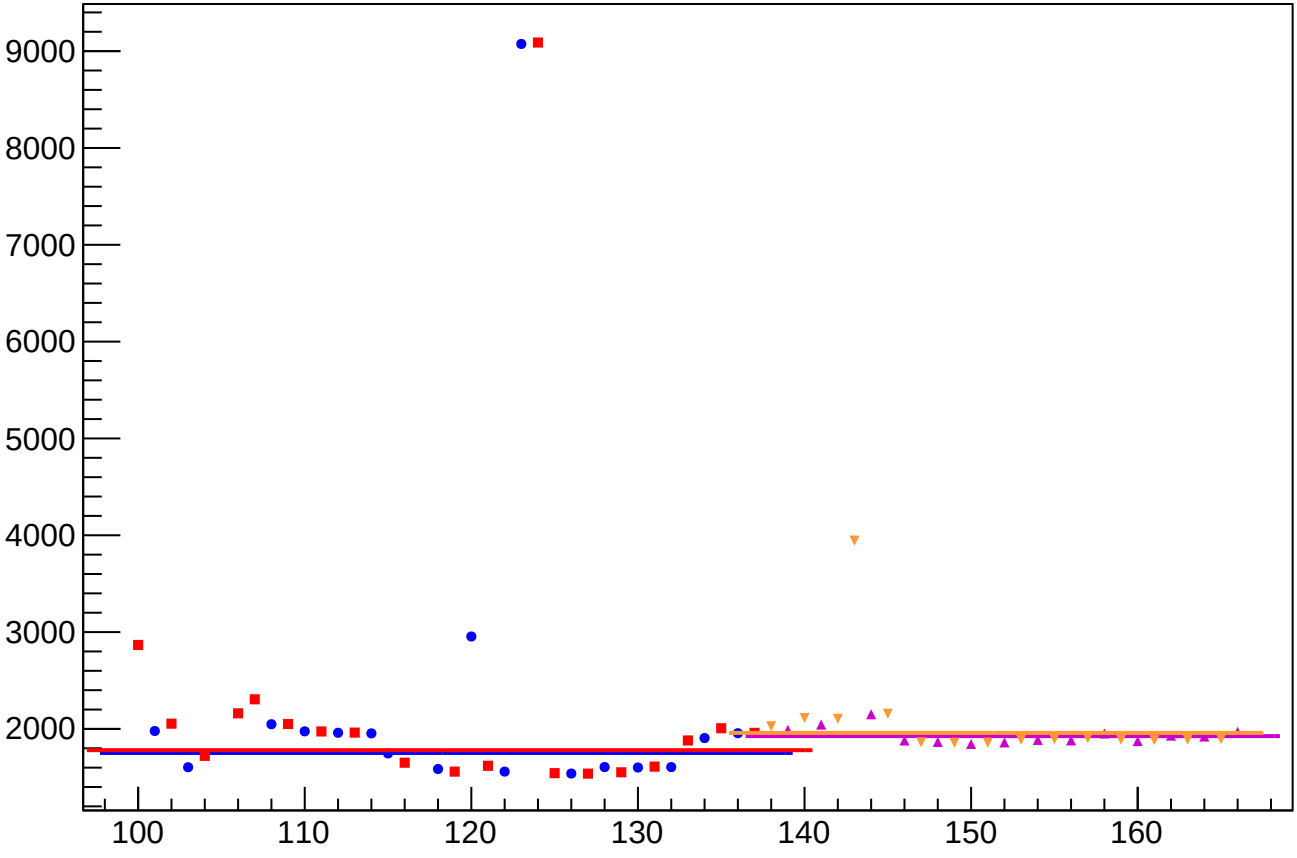
Right: -248.748+/-484.705 χ^2/NDF: 38.3/35

In: -348.725+/-444.846 χ^2/NDF:17.4/30

Out: -85.384+/-448.417 χ^2/NDF:53.4/33

All: -218.107+/-315.808 χ^2/NDF: 71.1/64

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1958.988+/-0.420 χ^2/NDF:388580.3/14

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

Left In: 1925.754+/-0.413 χ^2/NDF:37933.8/13

Left: 1942.094+/-0.294 χ^2/NDF: 429699.9/28

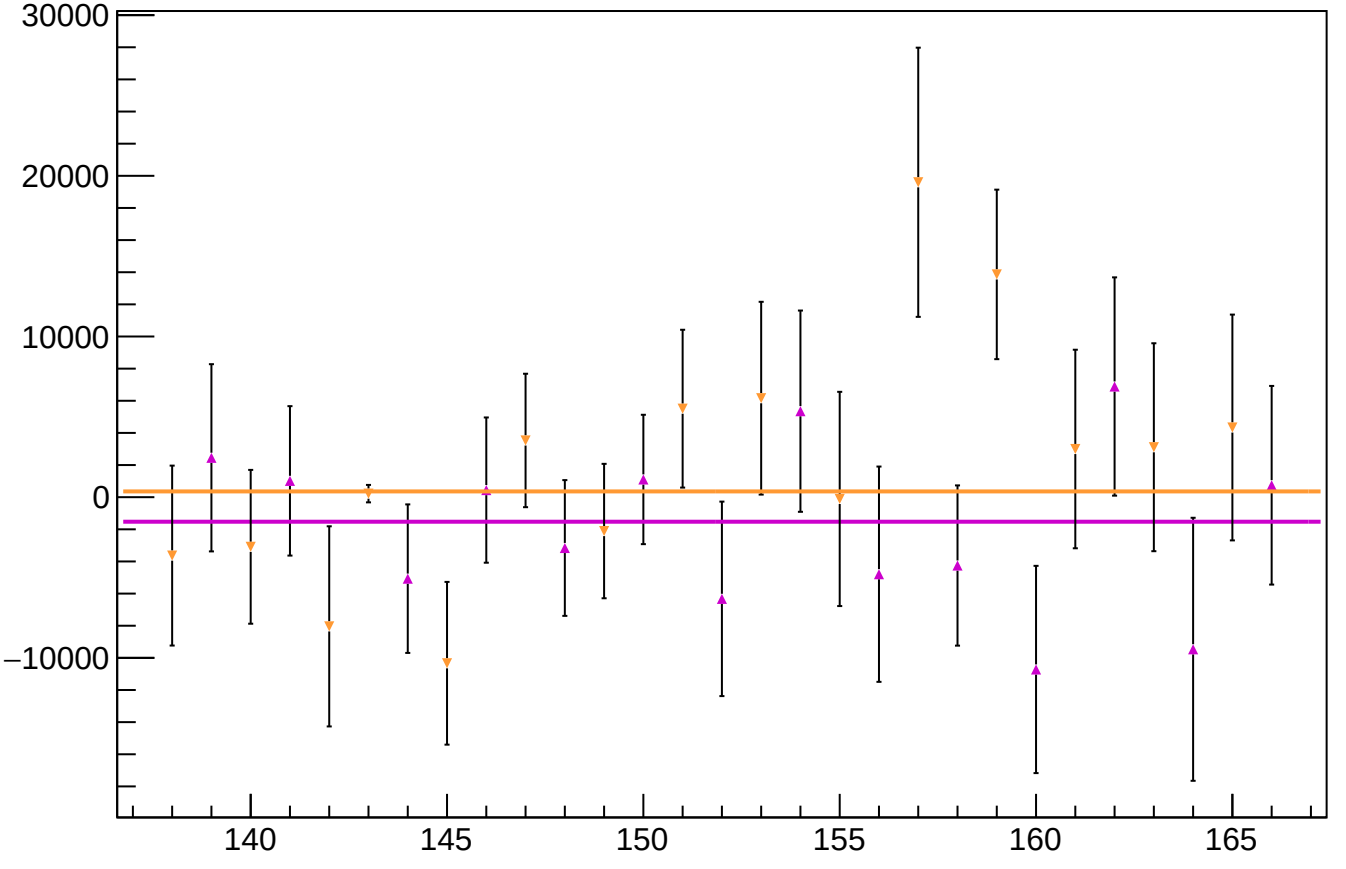
Right: 1766.106+/-0.342 χ^2/NDF: 730940.0/35

In: 1852.794+/-0.315 χ^2/NDF:413267.0/30

Out: 1882.052+/-0.317 χ^2/NDF:894948.8/33

All: 1867.316+/-0.223 χ^2/NDF: 1312510.0/64

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 359.050+/-508.969 χ^2/NDF:22.9/14

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

Left In: -1527.150+/-1426.644 χ^2/NDF:9.1/13

Left: 146.085+/-479.376 χ^2/NDF: 33.5/28

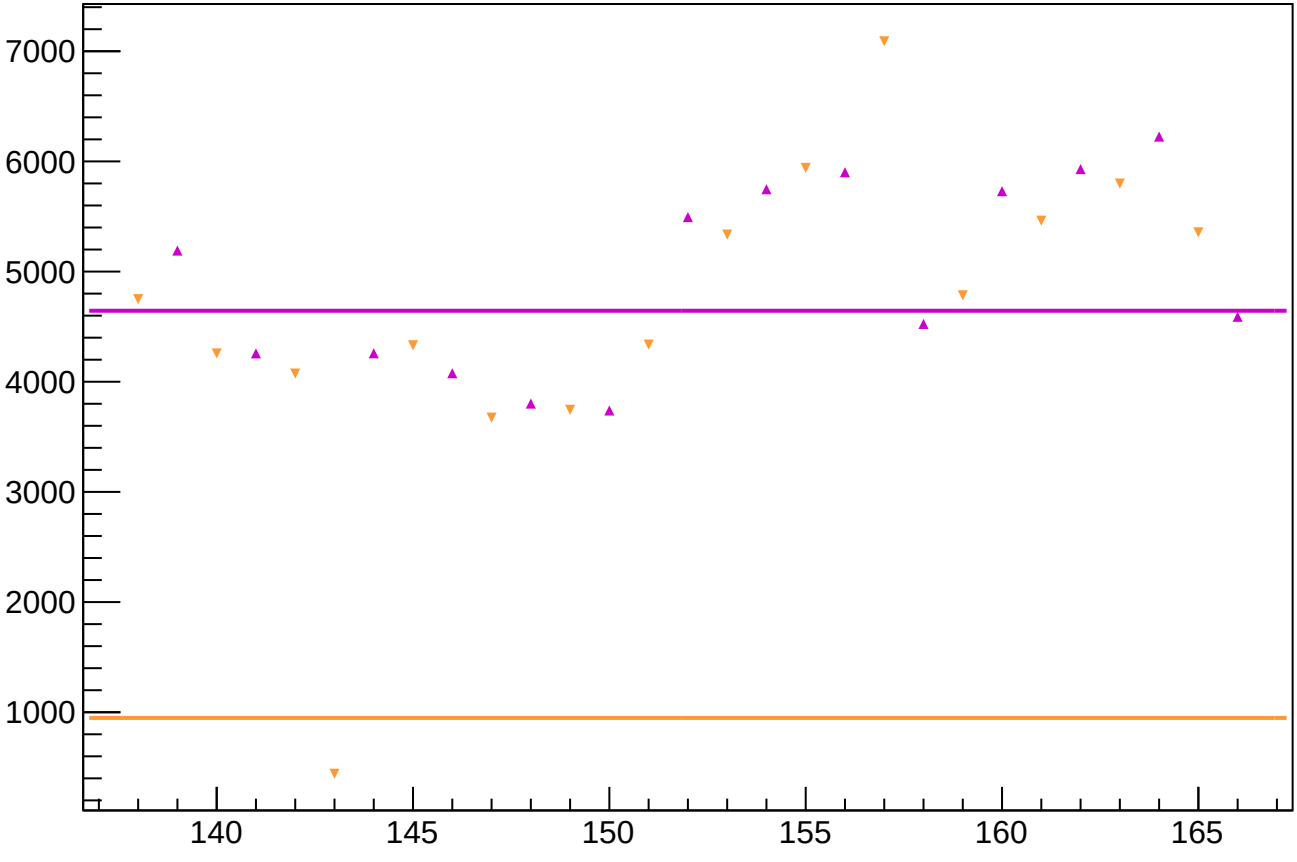
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1527.150+/-1426.644 χ^2/NDF:9.1/13

Out: 359.050+/-508.969 χ^2/NDF:22.9/14

All: 146.085+/-479.376 χ^2/NDF: 33.5/28

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 948.553+/-0.360 χ^2/NDF:15025886.8/14

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

Left In: 4644.463+/-1.009 χ^2/NDF:633731.8/13

Left: 1365.847+/-0.339 χ^2/NDF: 27566846.9/28

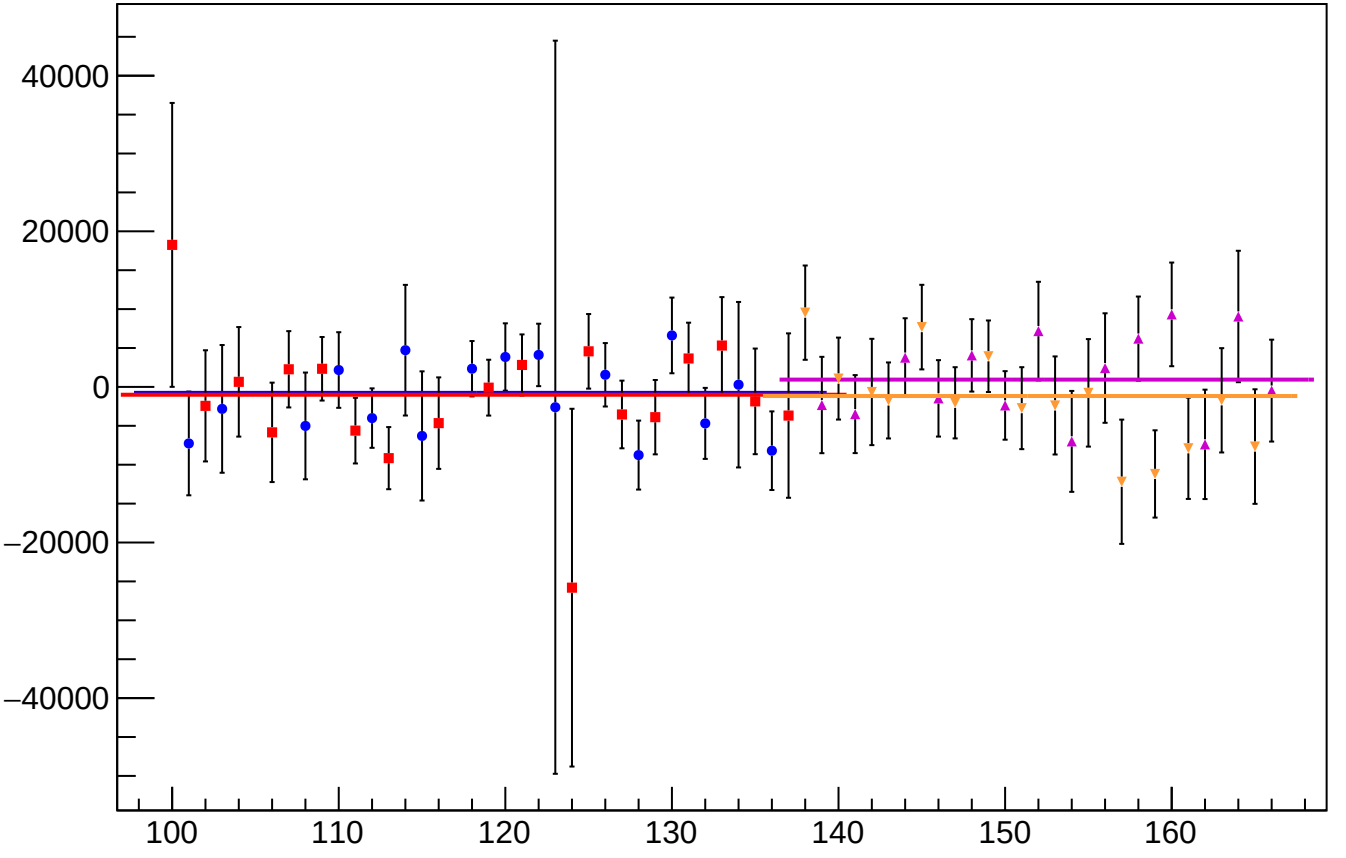
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4644.463+/-1.009 χ^2/NDF:633731.8/13

Out: 948.553+/-0.360 χ^2/NDF:15025886.8/14

All: 1365.847+/-0.339 χ^2/NDF: 27566846.9/2

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -1171.160+/-1491.713 χ^2/NDF:14.3/14

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

Left In: 938.207+/-1529.959 χ^2/NDF:10.0/13

Left: -143.170+/-1068.066 χ^2/NDF: 25.3/28

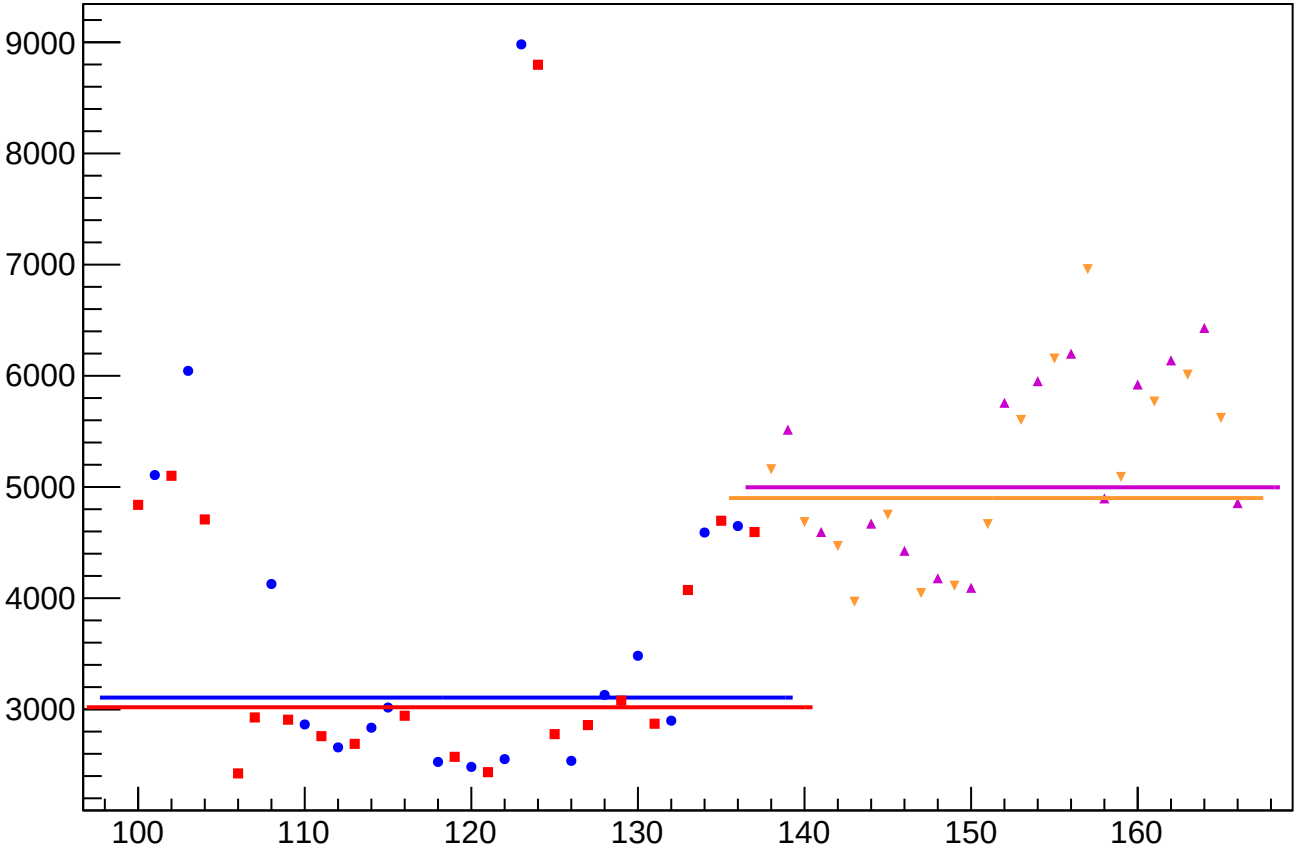
Right: -890.508+/-861.557 χ^2/NDF: 30.6/35

In: -84.765+/-966.932 χ^2/NDF:26.3/30

Out: -1069.566+/-930.791 χ^2/NDF:29.3/33

All: -595.914+/-670.582 χ^2/NDF: 56.2/64

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4900.569+/-1.055 χ^2/NDF:557487.0/14

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

Left In: 4997.212+/-1.082 χ^2/NDF:489068.4/13

Left: 4947.667+/-0.755 χ^2/NDF: 1050646.4/28

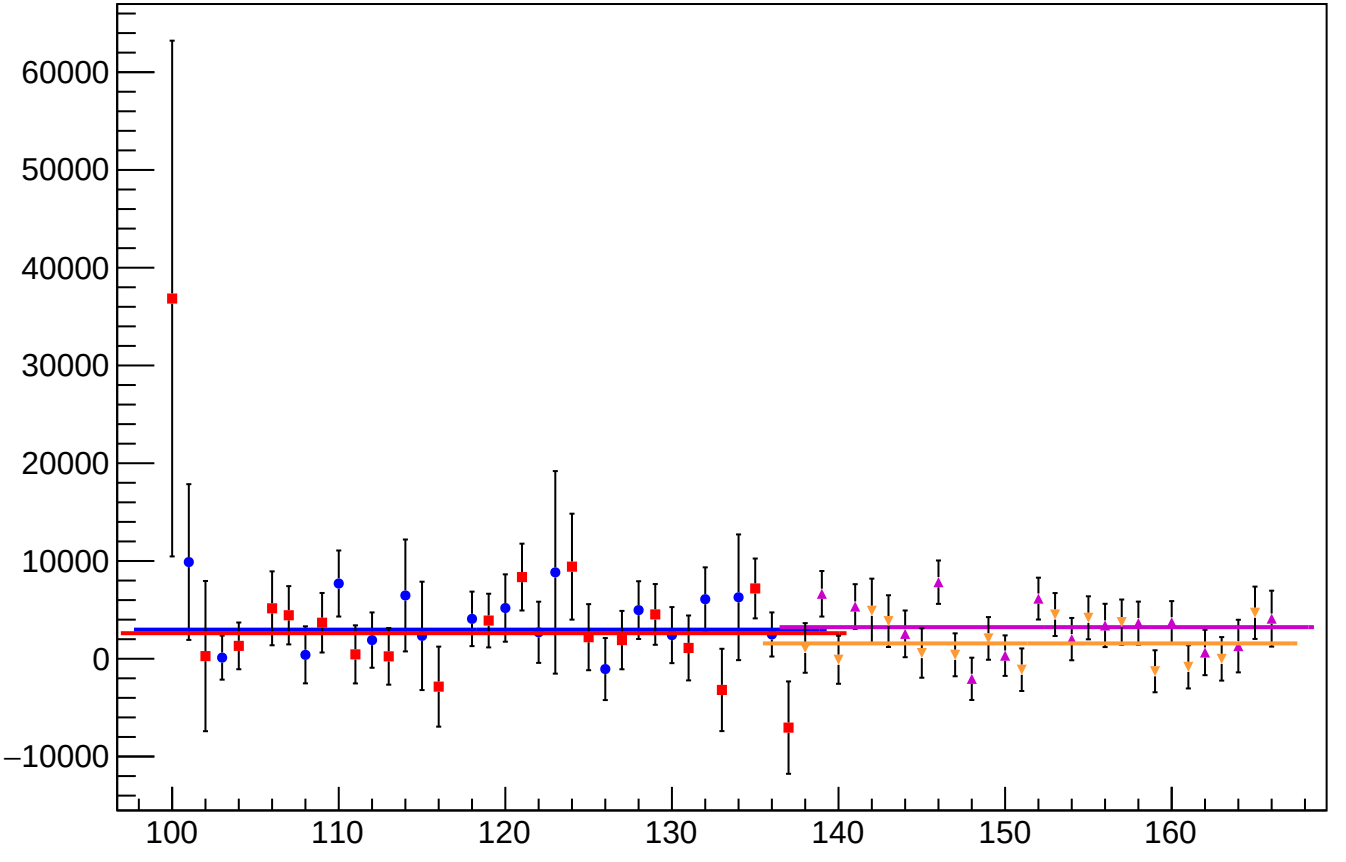
Right: 3059.752+/-0.605 χ^2/NDF: 1759257.8/35

In: 3861.298+/-0.684 χ^2/NDF:3284548.4/30

Out: 3740.262+/-0.653 χ^2/NDF:3314230.2/33

All: 3798.011+/-0.472 χ^2/NDF: 6615164.4/64

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1569.383+/-608.091 χ^2/NDF:13.2/14

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

Left In: 3232.602+/-608.495 χ^2/NDF:19.5/13

Left: 2400.439+/-430.128 χ^2/NDF: 36.4/28

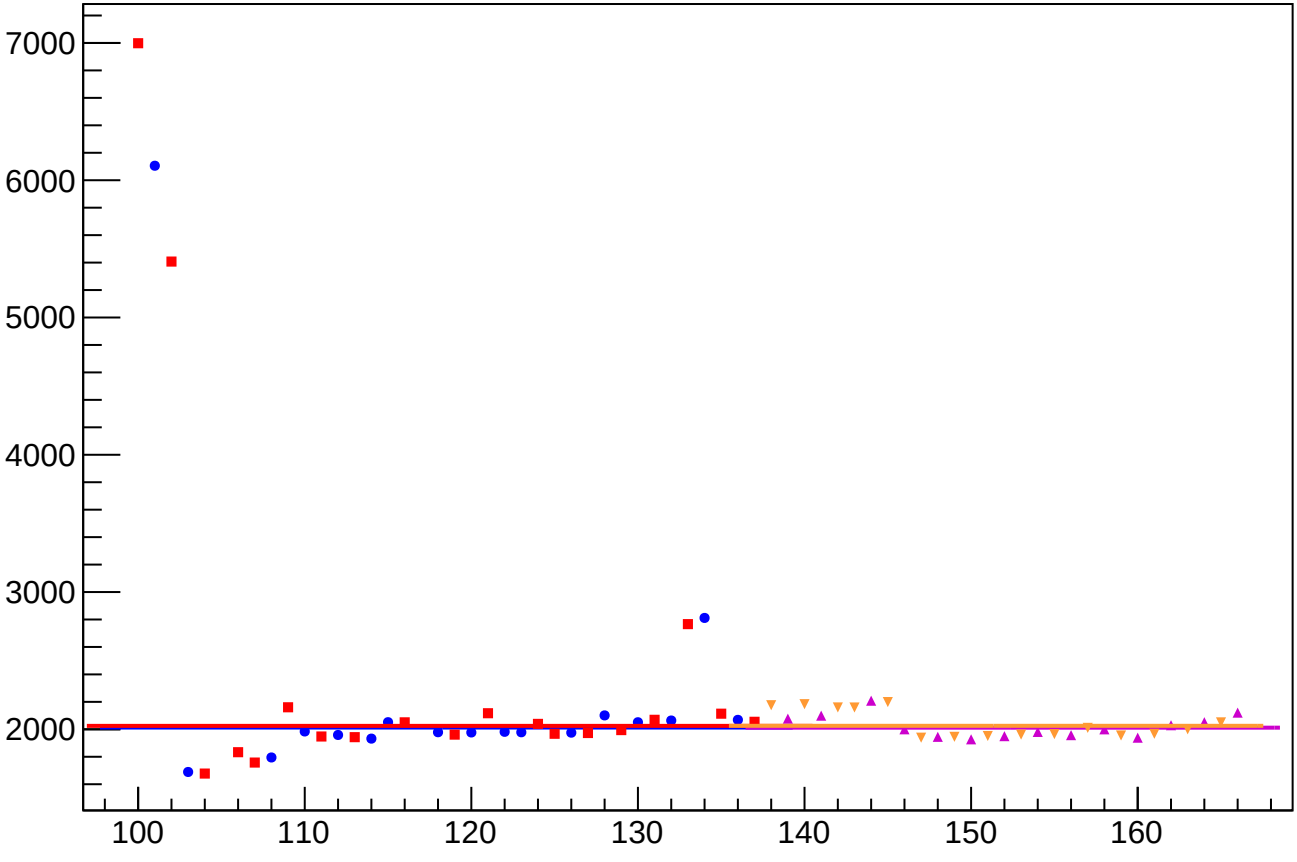
Right: 2793.353+/-558.079 χ^2/NDF: 29.6/35

In: 3138.771+/-483.290 χ^2/NDF:29.4/30

Out: 1962.203+/-480.321 χ^2/NDF:33.9/33

All: 2546.862+/-340.683 χ^2/NDF: 66.3/64

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2025.519+/-0.430 χ^2/NDF:48352.6/14

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

Left In: 2011.943+/-0.430 χ^2/NDF:32451.2/13

Left: 2018.736+/-0.304 χ^2/NDF: 81301.9/28

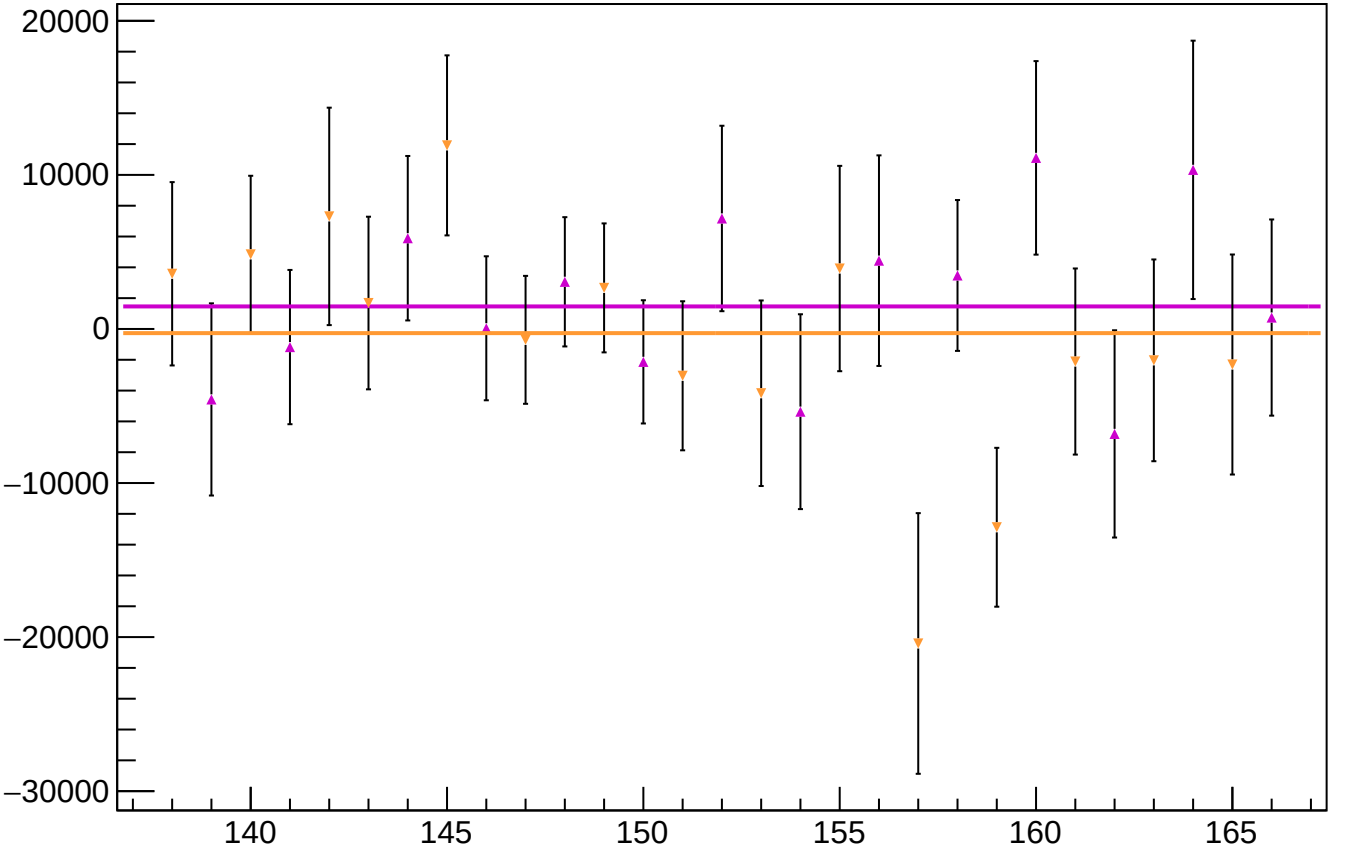
Right: 2019.103+/-0.395 χ^2/NDF: 1215366.0/35

In: 2012.313+/-0.342 χ^2/NDF:650160.6/30

Out: 2025.350+/-0.340 χ^2/NDF:645775.5/33

All: 2018.873+/-0.241 χ^2/NDF: 1296668.4/64

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -270.035+/-1446.777 χ^2/NDF:20.6/14

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

Left In: 1462.480+/-1461.904 χ^2/NDF:10.4/13

Left: 587.212+/-1028.332 χ^2/NDF: 31.7/28

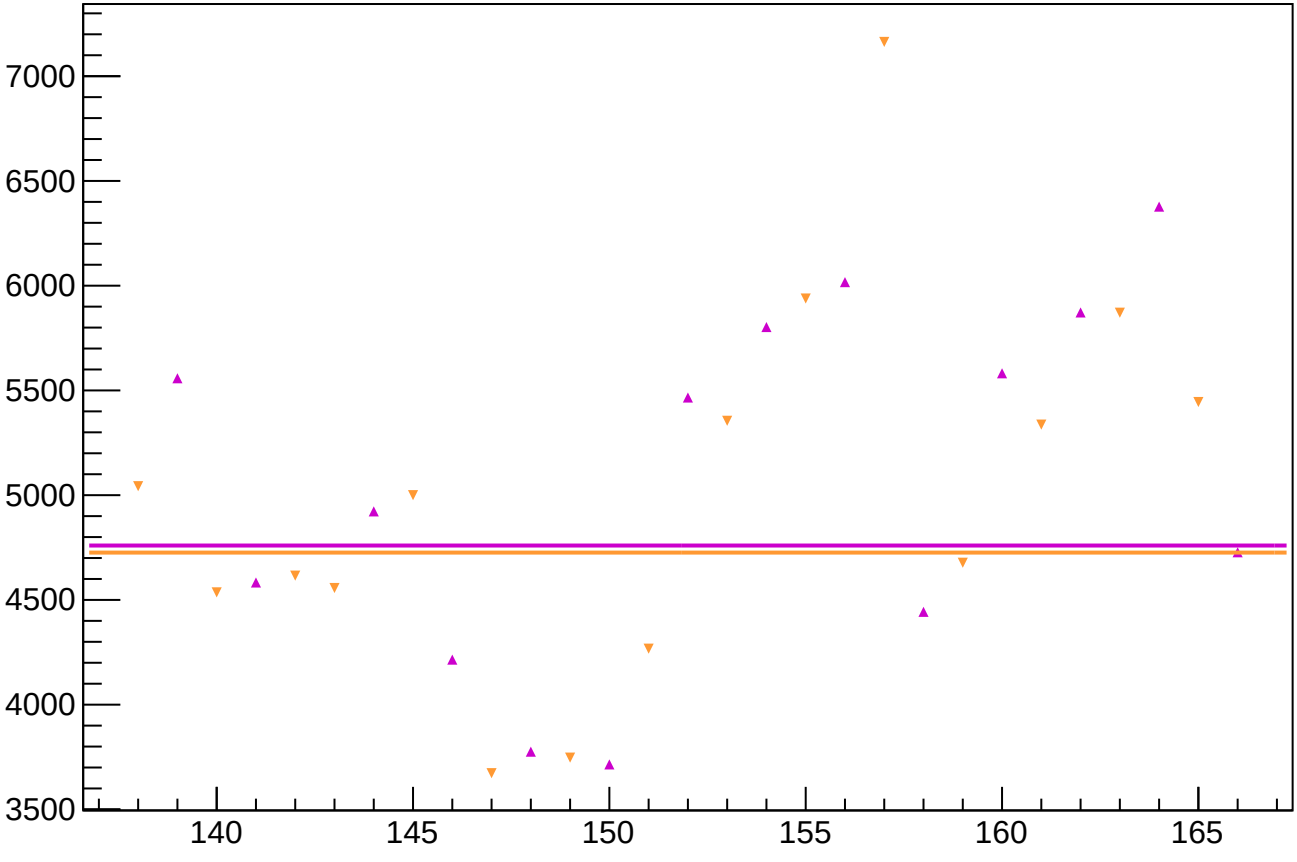
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1462.480+/-1461.904 χ^2/NDF:10.4/13

Out: -270.035+/-1446.777 χ^2/NDF:20.6/14

All: 587.212+/-1028.332 χ^2/NDF: 31.7/28

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4725.945+/-1.023 χ^2/NDF:627307.0/14

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

Left In: 4759.642+/-1.034 χ^2/NDF:632328.4/13

Left: 4742.618+/-0.727 χ^2/NDF: 1260172.3/28

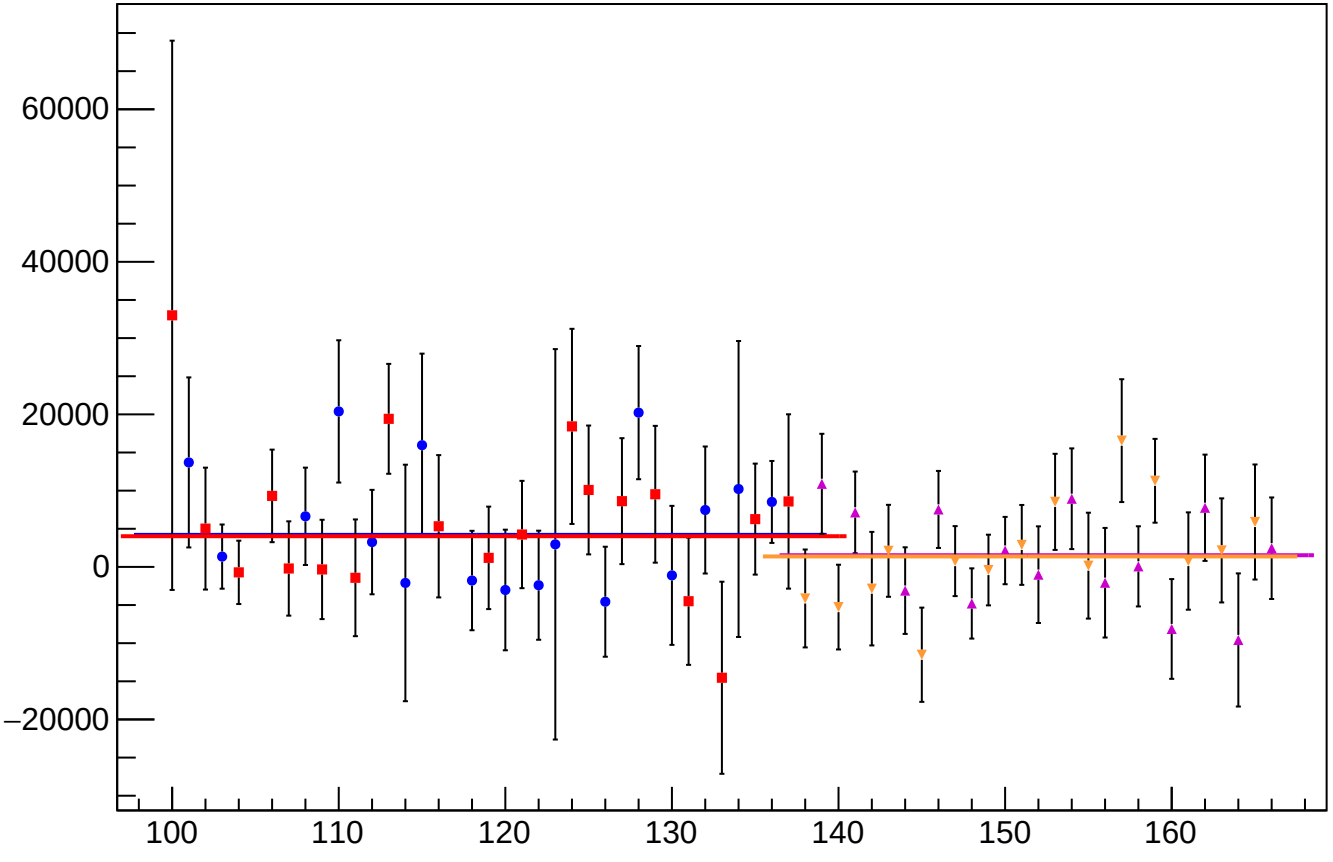
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4759.642+/-1.034 χ^2/NDF:632328.4/13

Out: 4725.945+/-1.023 χ^2/NDF:627307.0/14

All: 4742.618+/-0.727 χ^2/NDF: 1260172.3/28

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1372.510+/-1548.472 χ^2/NDF:15.6/14

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

Left In: 1530.341+/-1561.862 χ^2/NDF:13.5/13

Left: 1450.746+/-1099.638 χ^2/NDF: 29.1/28

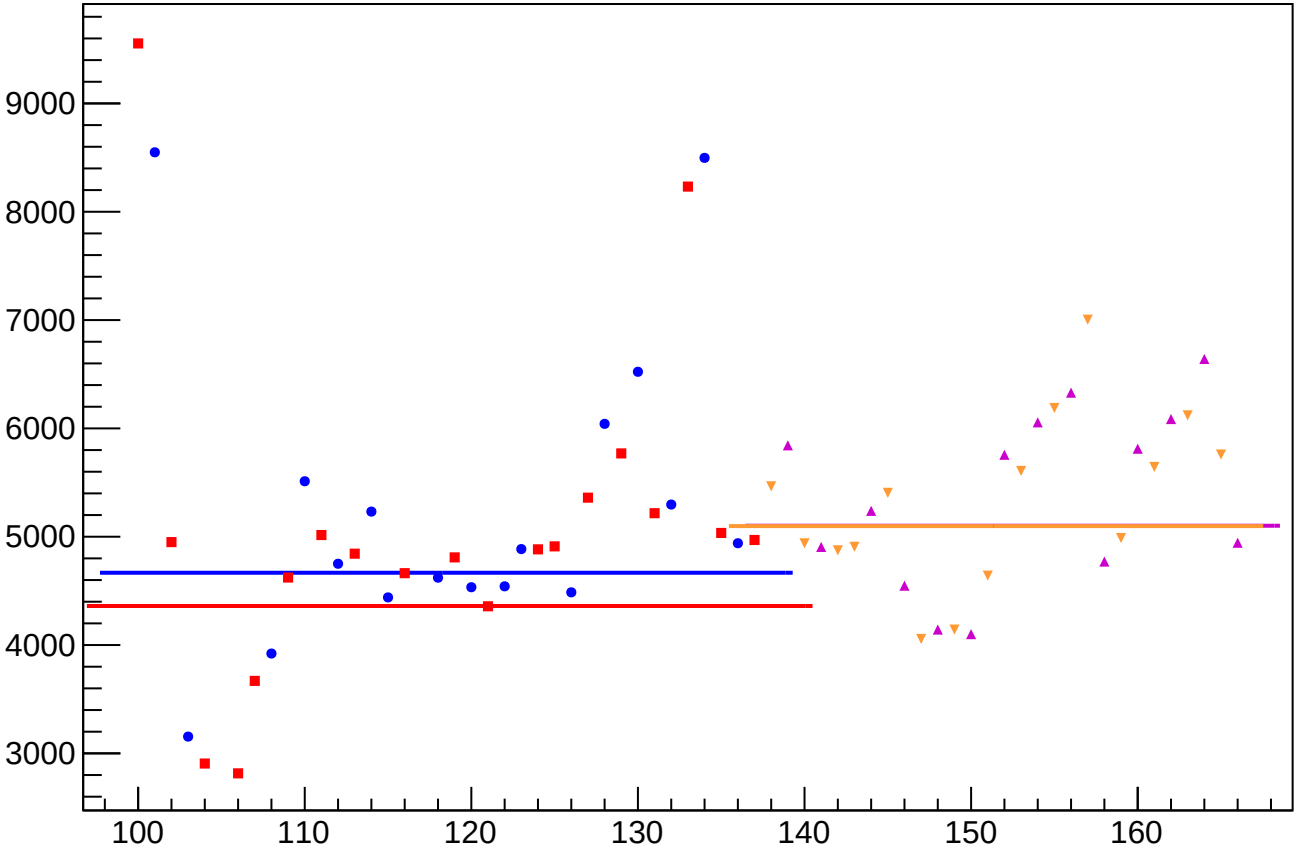
Right: 4104.755+/-1264.177 χ^2/NDF: 29.0/35

In: 2635.344+/-1195.511 χ^2/NDF:28.8/30

Out: 2555.399+/-1152.363 χ^2/NDF:31.8/33

All: 2593.903+/-829.678 χ^2/NDF: 60.6/64

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5098.147+/-1.095 χ^2/NDF:470424.0/14

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

Left In: 5101.484+/-1.104 χ^2/NDF:499503.2/13

Left: 5099.801+/-0.778 χ^2/NDF: 969931.8/28

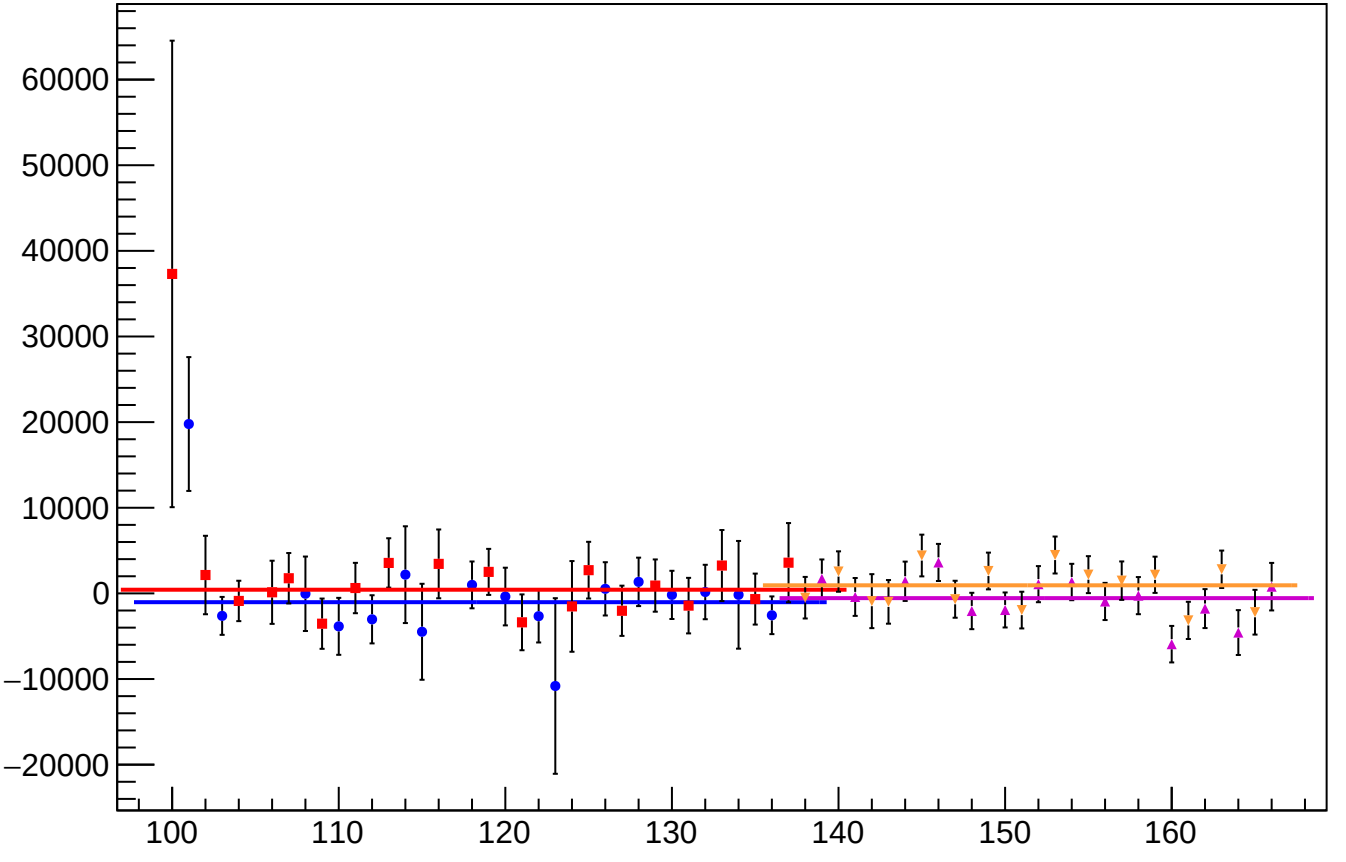
Right: 4501.800+/-0.891 χ^2/NDF: 1640064.7/35

In: 4921.758+/-0.845 χ^2/NDF:1341313.9/30

Out: 4766.952+/-0.813 χ^2/NDF:1506924.4/33

All: 4841.310+/-0.586 χ^2/NDF: 2865665.4/64

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 944.079+/-593.267 χ^2/NDF:15.9/14

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

Left In: -553.953+/-595.073 χ^2/NDF:17.1/13

Left: 197.340+/-420.140 χ^2/NDF: 36.2/28

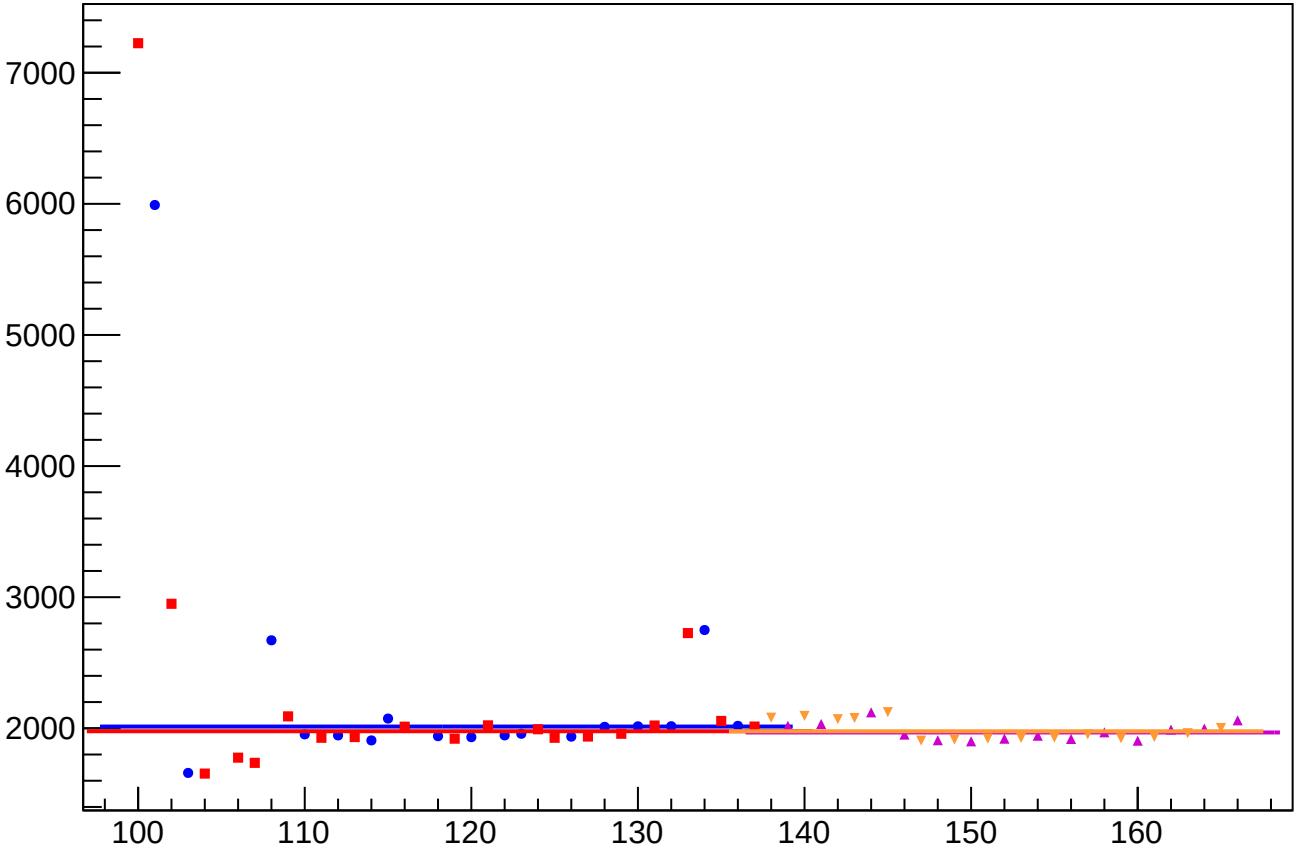
Right: -265.860+/-550.193 χ^2/NDF: 25.6/35

In: -723.401+/-476.740 χ^2/NDF:30.3/30

Out: 749.119+/-467.843 χ^2/NDF:27.0/33

All: 26.727+/-333.916 χ^2/NDF: 62.2/64

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1977.342+/-0.420 χ^2/NDF:30546.6/14

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

Left In: 1968.260+/-0.421 χ^2/NDF:22233.9/13

Left: 1972.815+/-0.297 χ^2/NDF: 53014.2/28

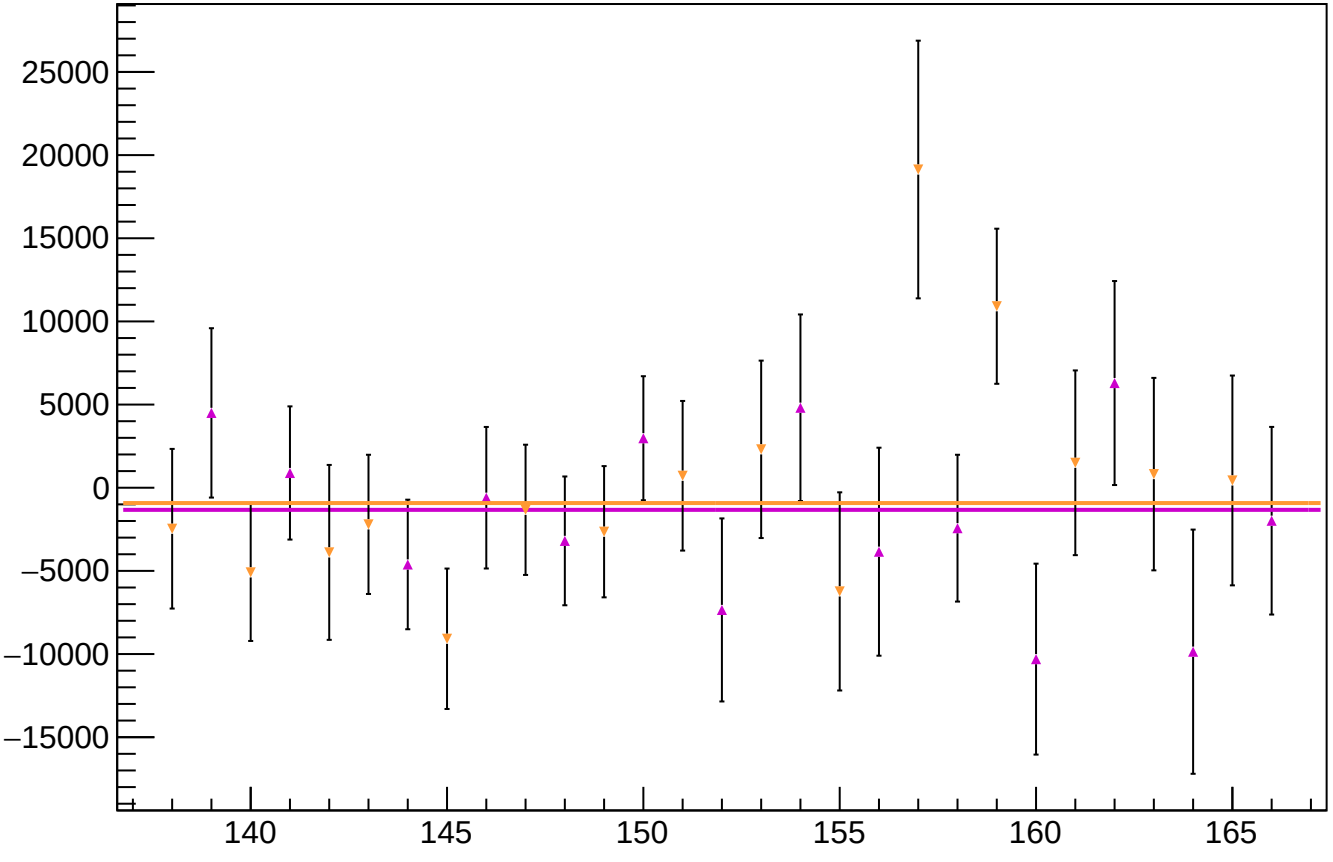
Right: 1994.568+/-0.389 χ^2/NDF: 947053.5/35

In: 1984.381+/-0.337 χ^2/NDF:676380.8/30

Out: 1977.419+/-0.331 χ^2/NDF:325445.8/33

All: 1980.833+/-0.236 χ^2/NDF: 1002043.9/64

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -920.824+/-1246.303 χ^2/NDF:20.2/14

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

Left In: -1330.762+/-1281.092 χ^2/NDF:11.9/13

Left: -1120.152+/-893.315 χ^2/NDF: 32.2/28

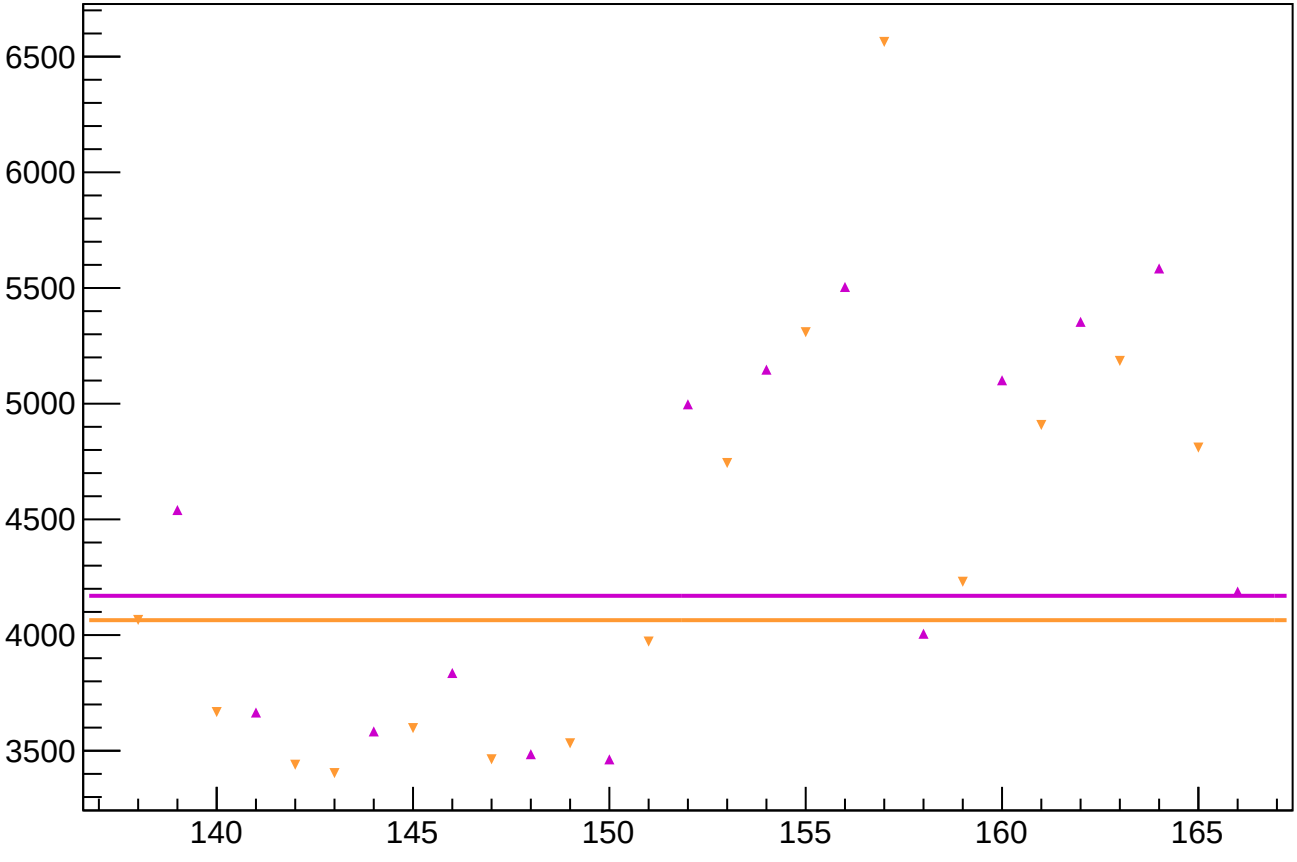
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1330.762+/-1281.092 χ^2/NDF:11.9/13

Out: -920.824+/-1246.303 χ^2/NDF:20.2/14

All: -1120.152+/-893.315 χ^2/NDF: 32.2/28

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4064.358+/-0.881 χ^2/NDF:684982.3/14

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

Left In: 4169.699+/-0.906 χ^2/NDF:635677.7/13

Left: 4115.579+/-0.632 χ^2/NDF: 1327607.3/28

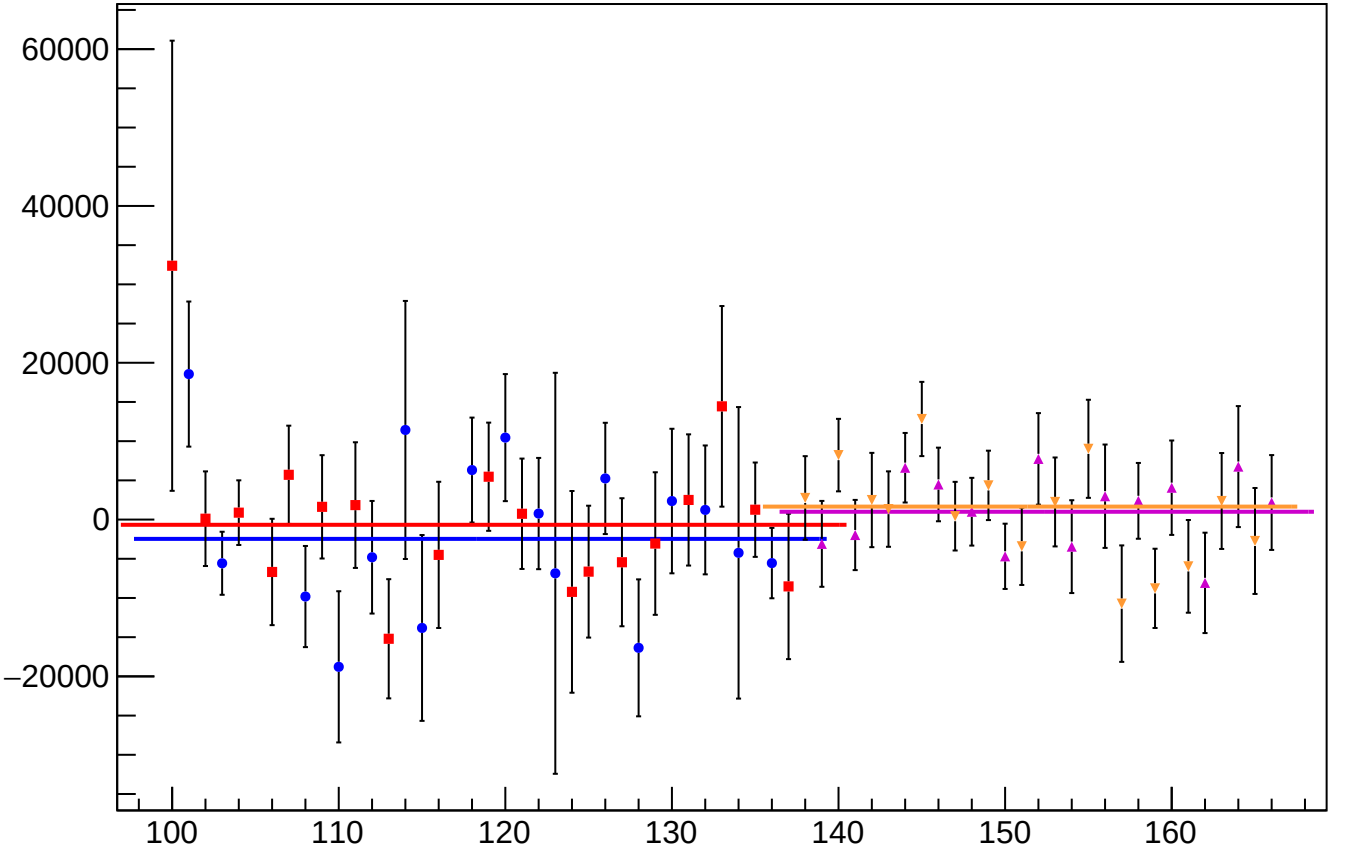
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4169.699+/-0.906 χ^2/NDF:635677.7/13

Out: 4064.358+/-0.881 χ^2/NDF:684982.3/14

All: 4115.579+/-0.632 χ^2/NDF: 1327607.3/28

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1654.472+/-1369.810 χ^2/NDF:19.7/14

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

Left In: 996.238+/-1399.557 χ^2/NDF:10.0/13

Left: 1332.424+/-978.950 χ^2/NDF: 29.8/28

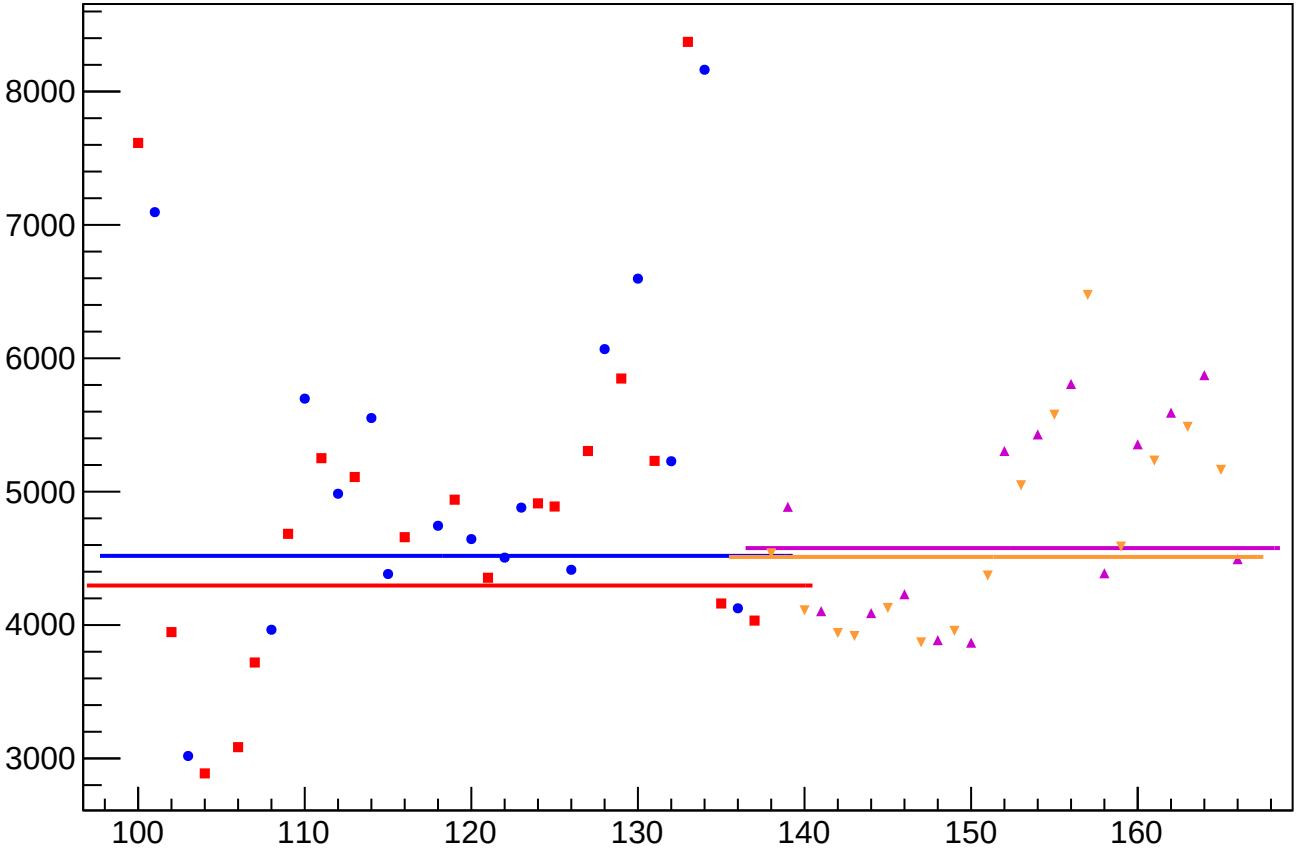
Right: -1508.905+/-1231.122 χ^2/NDF: 33.3/35

In: -309.279+/-1104.248 χ^2/NDF:33.1/30

Out: 734.238+/-1064.102 χ^2/NDF:32.7/33

All: 231.793+/-766.234 χ^2/NDF: 66.3/64

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4510.520+/-0.969 χ^2/NDF:468072.7/14

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

Left In: 4577.049+/-0.990 χ^2/NDF:458635.3/13

Left: 4543.070+/-0.692 χ^2/NDF: 929016.3/28

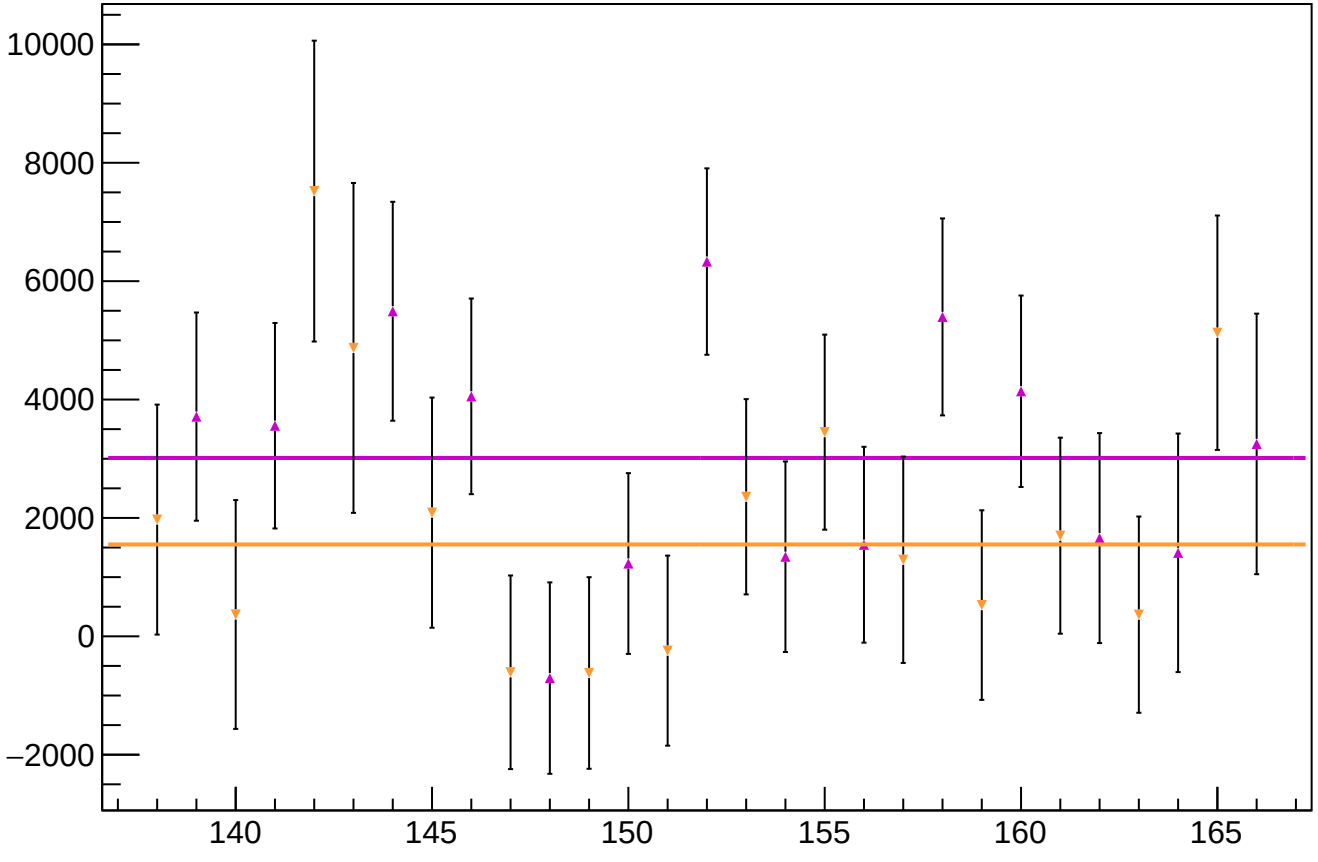
Right: 4400.071+/-0.868 χ^2/NDF: 1558255.2/35

In: 4555.017+/-0.781 χ^2/NDF:1230175.2/30

Out: 4425.034+/-0.751 χ^2/NDF:1259287.6/33

All: 4487.476+/-0.541 χ^2/NDF: 2503862.5/64

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: 1552.359+/-463.085 χ^2/NDF:18.0/14

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

Left In: 3013.149+/-456.721 χ^2/NDF:19.2/13

Left: 2292.860+/-325.177 χ^2/NDF: 42.2/28

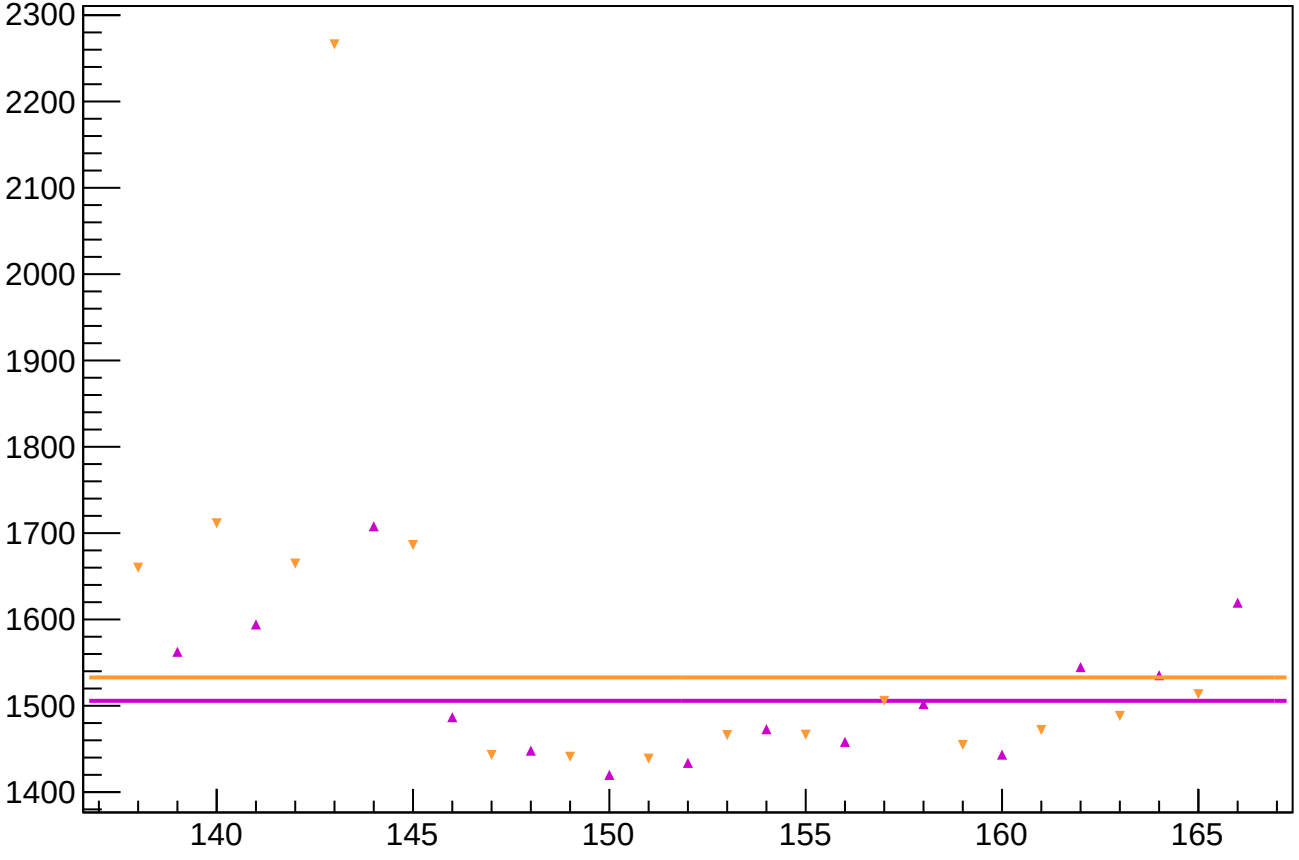
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3013.149+/-456.721 χ^2/NDF:19.2/13

Out: 1552.359+/-463.085 χ^2/NDF:18.0/14

All: 2292.860+/-325.177 χ^2/NDF: 42.2/28

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: 1532.835+/-0.327 χ^2/NDF:217424.3/14

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

Left In: 1505.764+/-0.323 χ^2/NDF:56686.4/13

Left: 1519.112+/-0.230 χ^2/NDF: 277575.3/28

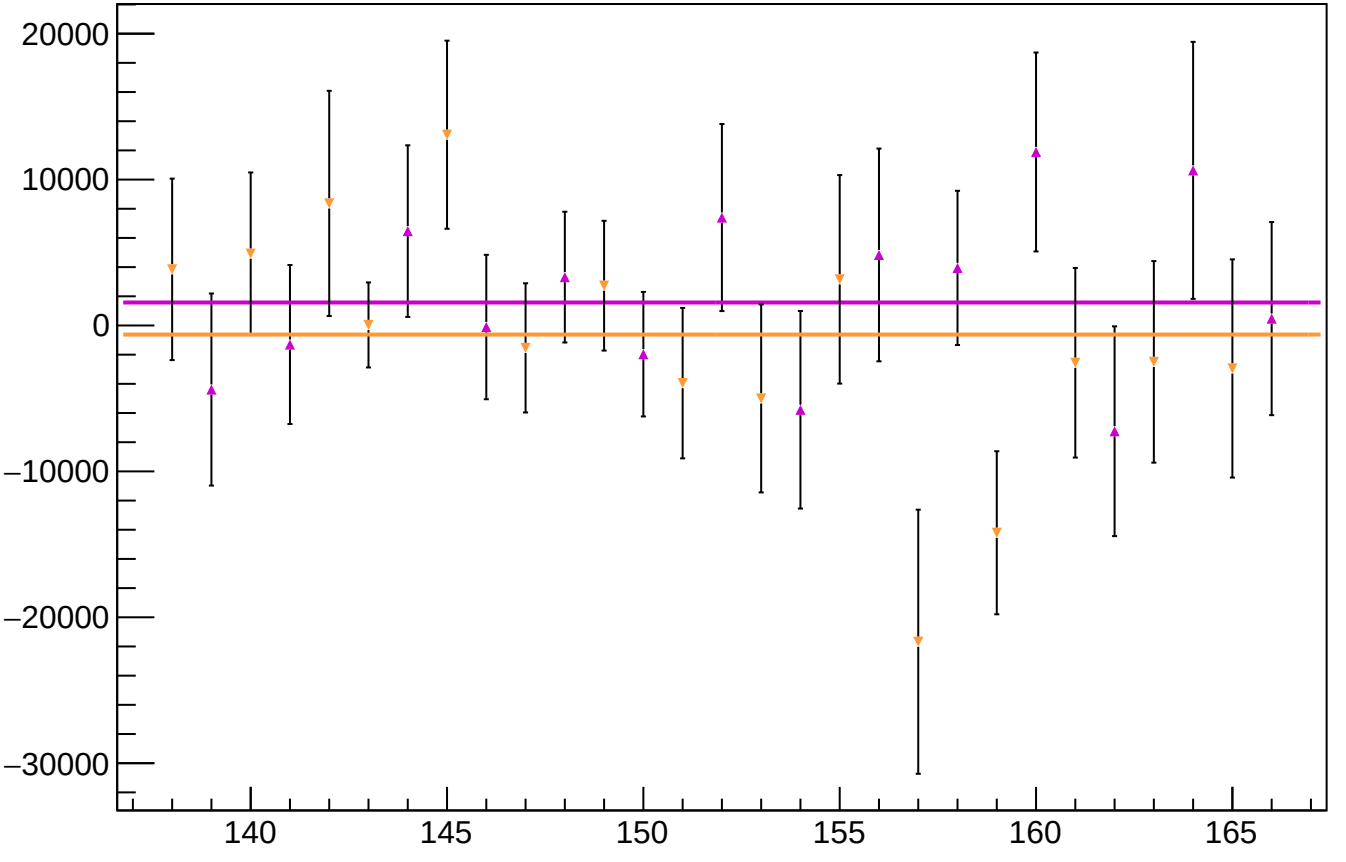
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1505.764+/-0.323 χ^2/NDF:56686.4/13

Out: 1532.835+/-0.327 χ^2/NDF:217424.3/14

All: 1519.112+/-0.230 χ^2/NDF: 277575.3/28

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: -621.353+/-1405.255 χ^2/NDF:20.8/14

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

Left In: 1576.209+/-1564.554 χ^2/NDF:10.0/13

Left: 359.890+/-1045.462 χ^2/NDF: 31.9/28

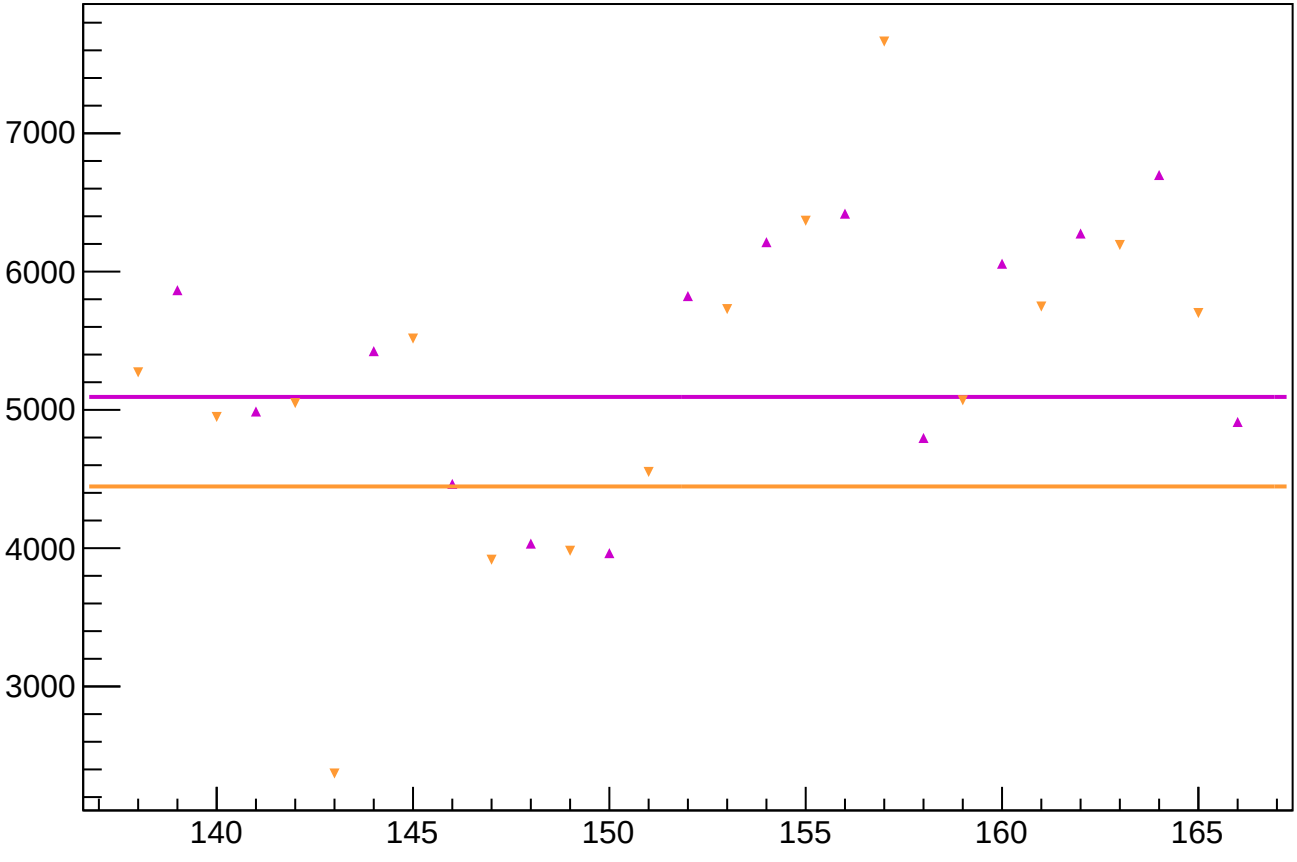
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1576.209+/-1564.554 χ^2/NDF:10.0/13

Out: -621.353+/-1405.255 χ^2/NDF:20.8/14

All: 359.890+/-1045.462 χ^2/NDF: 31.9/28

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: 4446.233+/-0.994 χ^2/NDF:1950588.6/14

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

Left In: 5093.738+/-1.106 χ^2/NDF:633825.9/13

Left: 4735.353+/-0.739 χ^2/NDF: 2774015.9/28

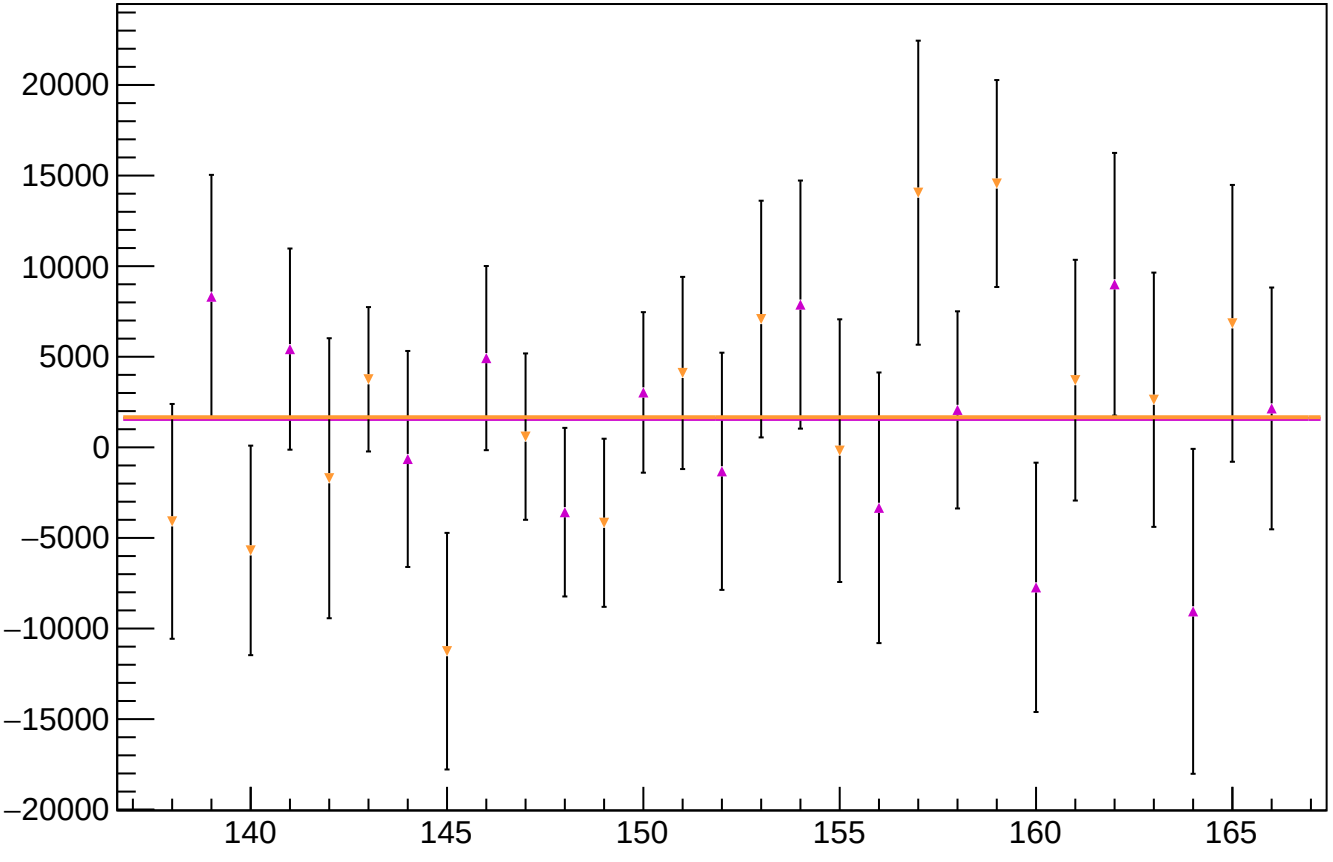
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5093.738+/-1.106 χ^2/NDF:633825.9/13

Out: 4446.233+/-0.994 χ^2/NDF:1950588.6/14

All: 4735.353+/-0.739 χ^2/NDF: 2774015.9/28

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: 1660.712+/-1518.322 χ^2/NDF:17.2/14

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

Left In: 1570.793+/-1601.290 χ^2/NDF:9.2/13

Left: 1618.142+/-1101.780 χ^2/NDF: 26.4/28

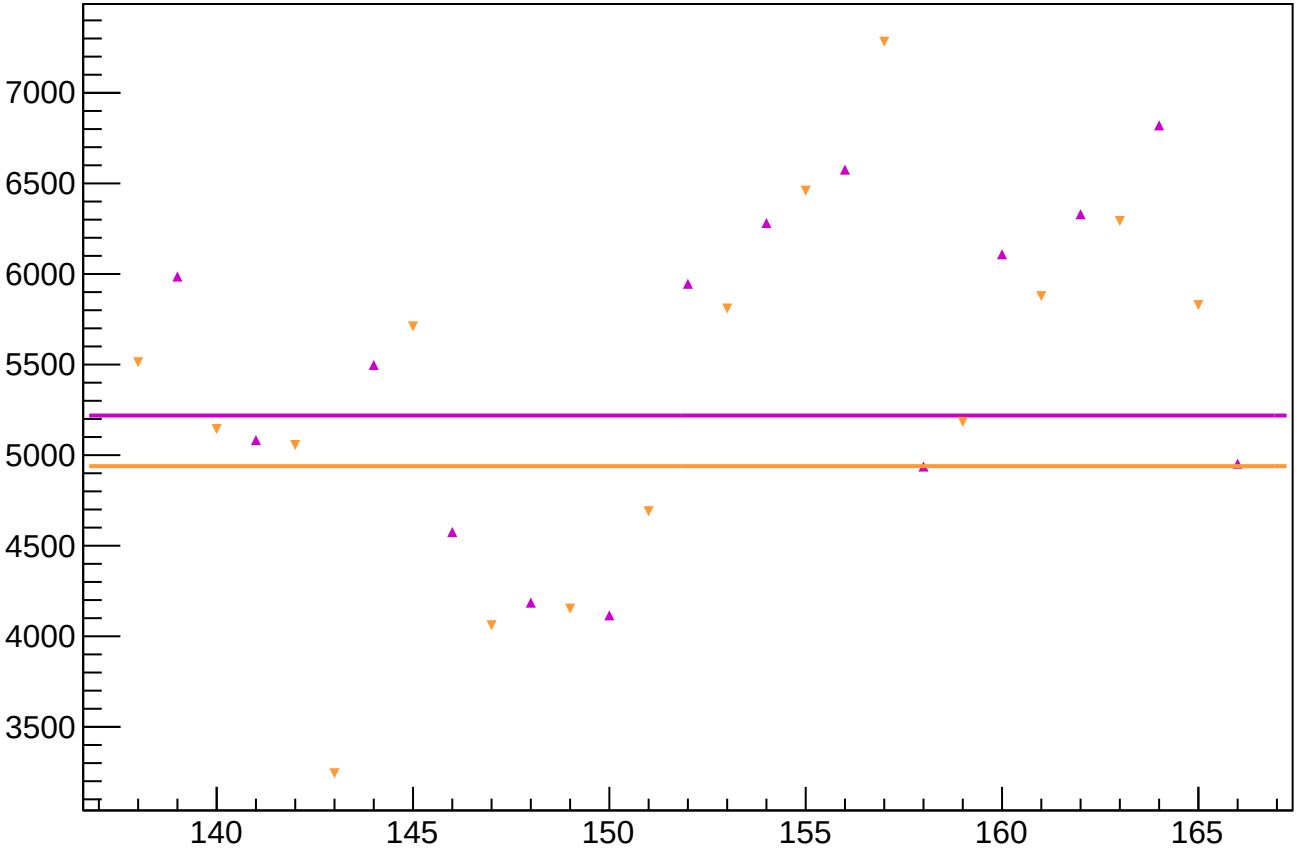
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1570.793+/-1601.290 χ^2/NDF:9.2/13

Out: 1660.712+/-1518.322 χ^2/NDF:17.2/14

All: 1618.142+/-1101.780 χ^2/NDF: 26.4/28

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: 4939.231+/-1.074 χ^2/NDF:968183.2/14

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

Left In: 5218.757+/-1.132 χ^2/NDF:578015.3/13

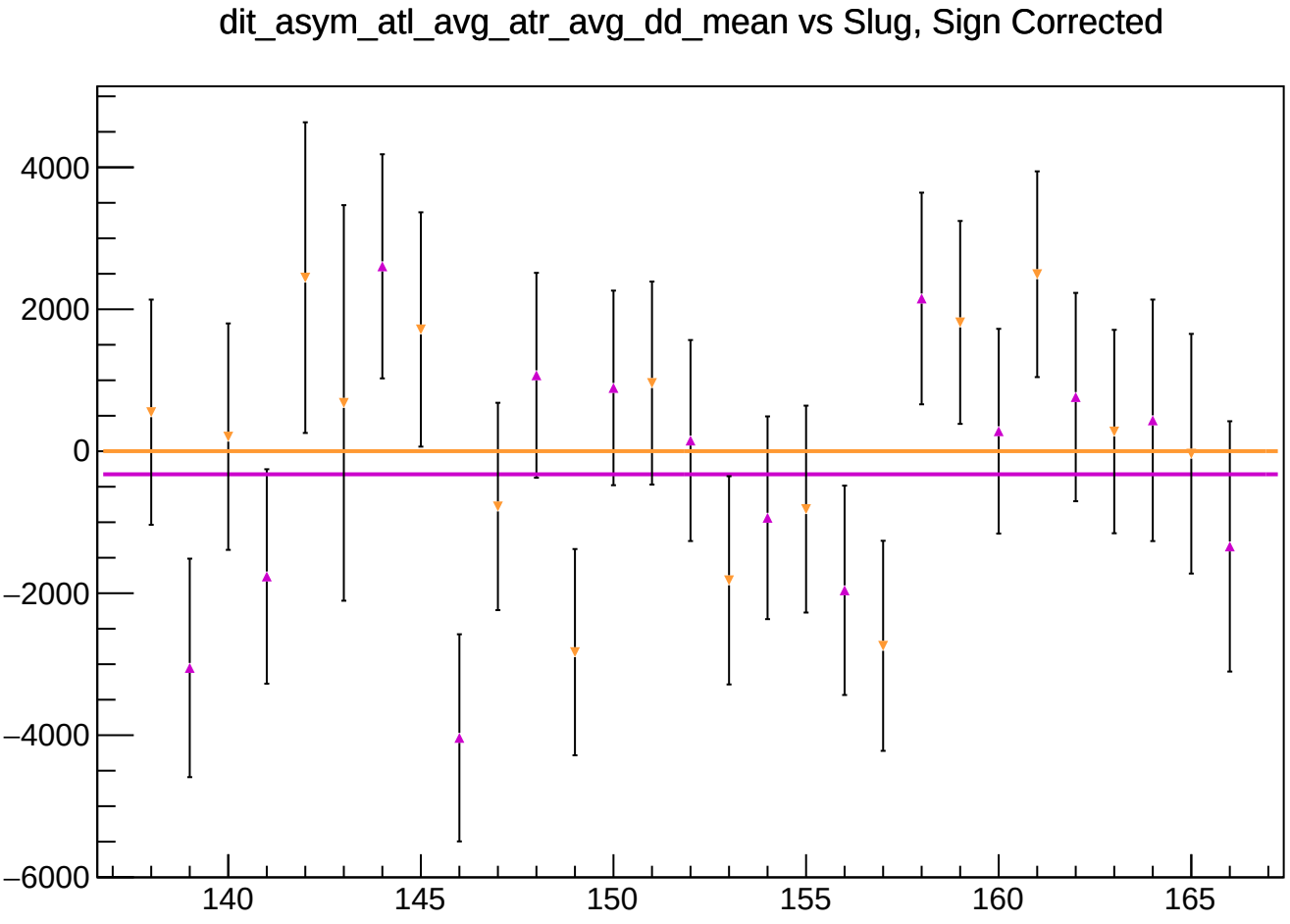
Left: 5071.565+/-0.779 χ^2/NDF: 1578290.4/28

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5218.757+/-1.132 χ^2/NDF:578015.3/13

Out: 4939.231+/-1.074 χ^2/NDF:968183.2/14

All: 5071.565+/-0.779 χ^2/NDF: 1578290.4/28



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

Left Out: 1.602+/-404.139 χ^2/NDF:16.9/14

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

Left In: -324.663+/-399.828 χ^2/NDF:21.2/13

Left: -163.280+/-284.233 χ^2/NDF: 38.5/28

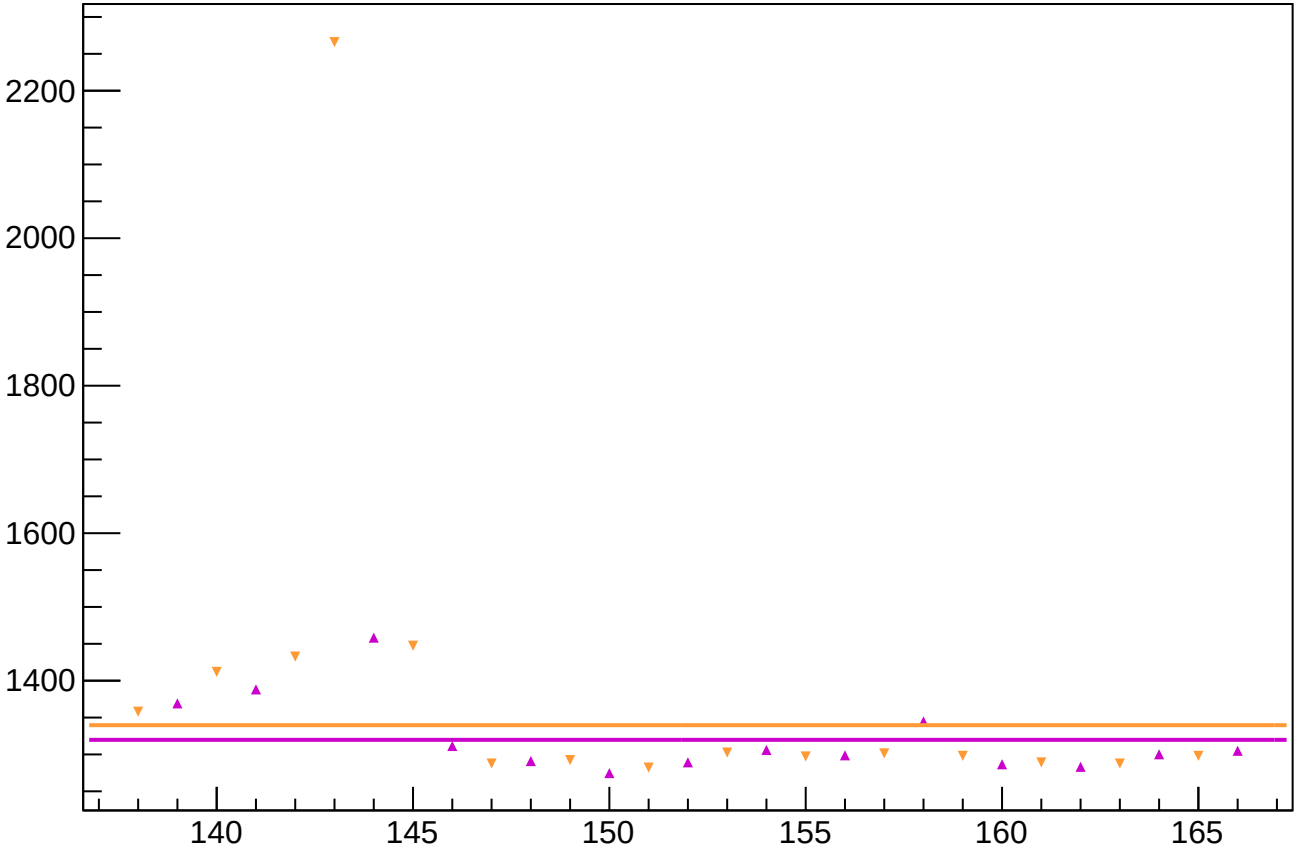
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -324.663+/-399.828 χ^2/NDF:21.2/13

Out: 1.602+/-404.139 χ^2/NDF:16.9/14

All: -163.280+/-284.233 χ^2/NDF: 38.5/28

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: 1339.680+/-0.286 χ^2/NDF:257671.6/14

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

Left In: 1319.797+/-0.283 χ^2/NDF:29384.5/13

Left: 1329.632+/-0.201 χ^2/NDF: 289502.4/28

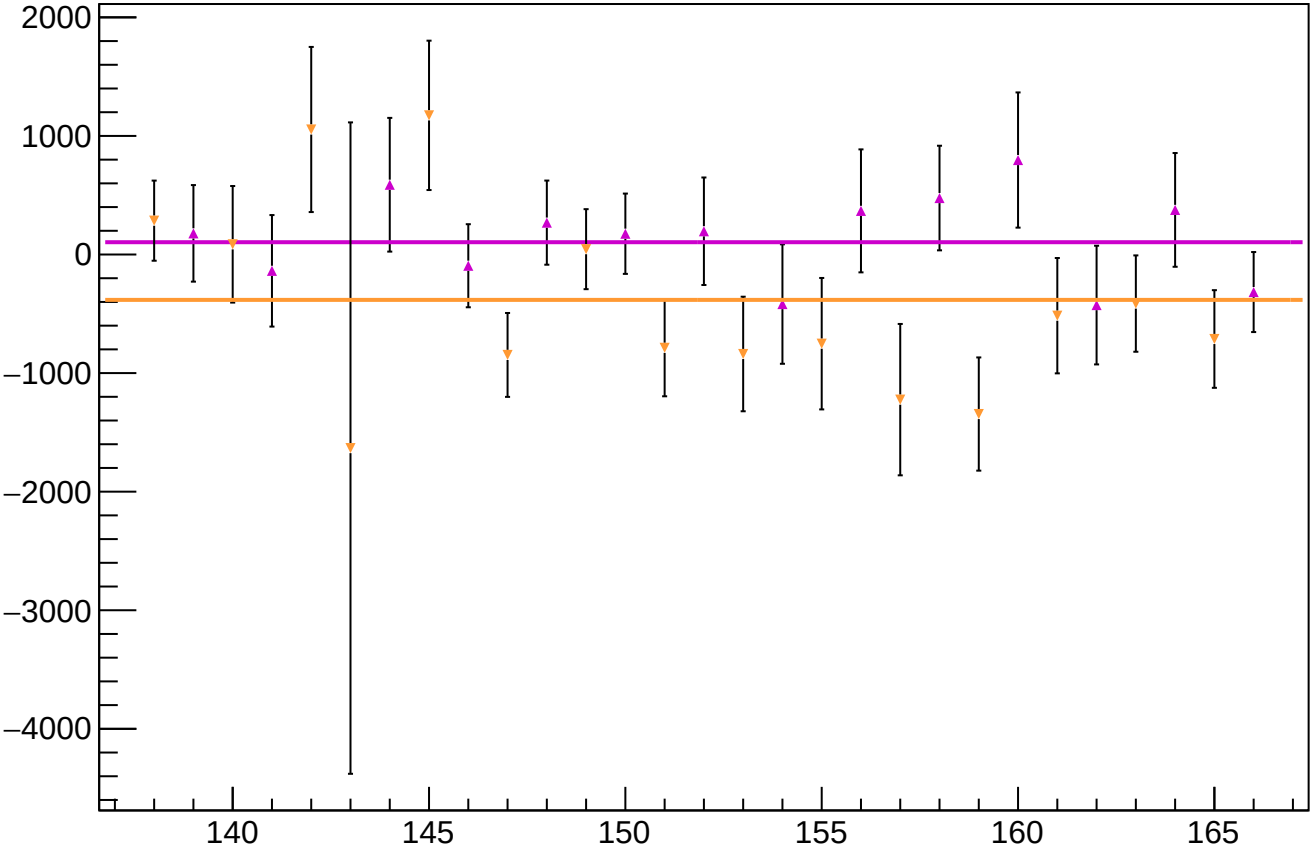
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1319.797+/-0.283 χ^2/NDF:29384.5/13

Out: 1339.680+/-0.286 χ^2/NDF:257671.6/14

All: 1329.632+/-0.201 χ^2/NDF: 289502.4/28

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: -382.656+/-118.725 χ^2/NDF:27.6/14

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

Left In: 103.754+/-114.425 χ^2/NDF:8.2/13

Left: -130.484+/-82.389 χ^2/NDF: 44.4/28

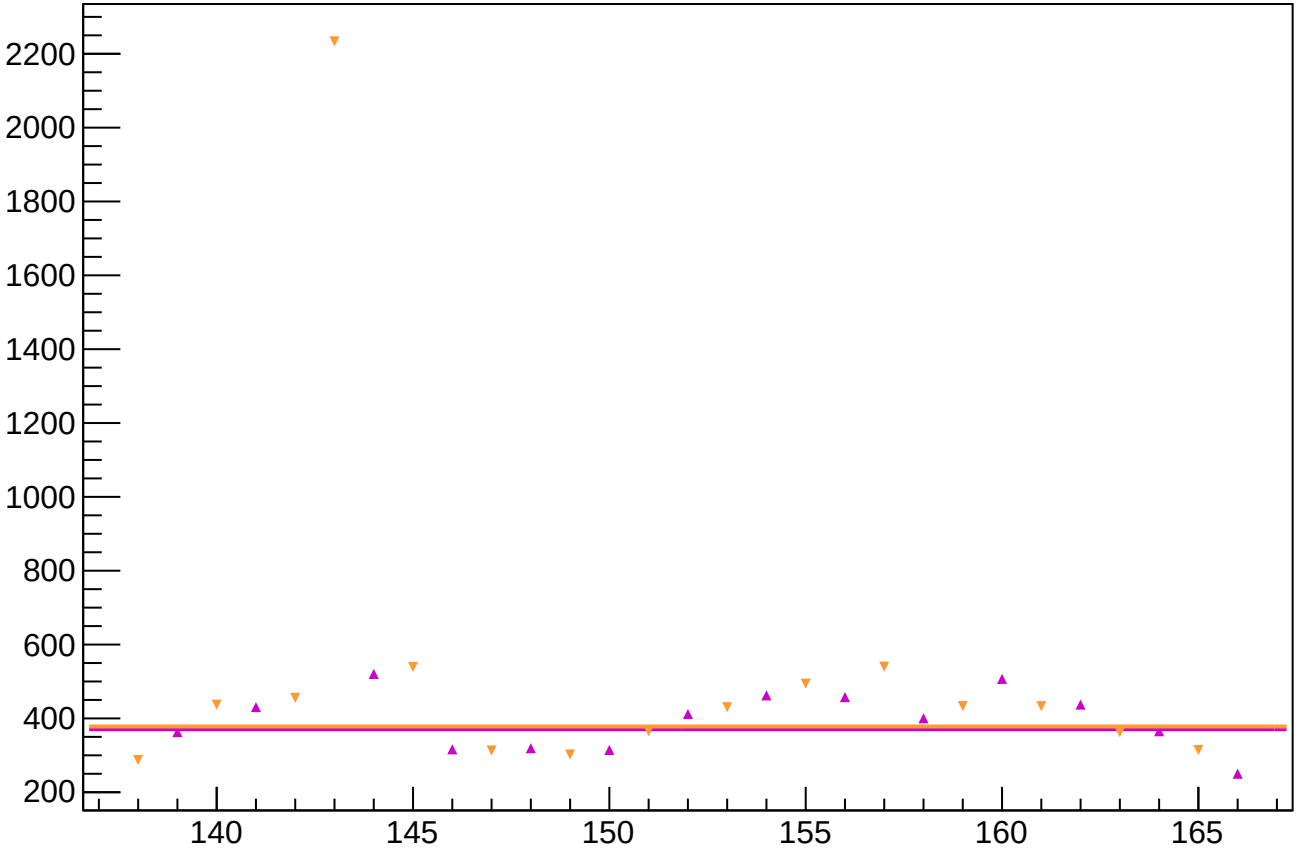
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 103.754+/-114.425 χ^2/NDF:8.2/13

Out: -382.656+/-118.725 χ^2/NDF:27.6/14

All: -130.484+/-82.389 χ^2/NDF: 44.4/28

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 378.094+/-0.084 χ^2/NDF:1755483.5/14

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

Left In: 370.630+/-0.081 χ^2/NDF:872882.1/13

Left: 374.225+/-0.058 χ^2/NDF: 2632464.2/28

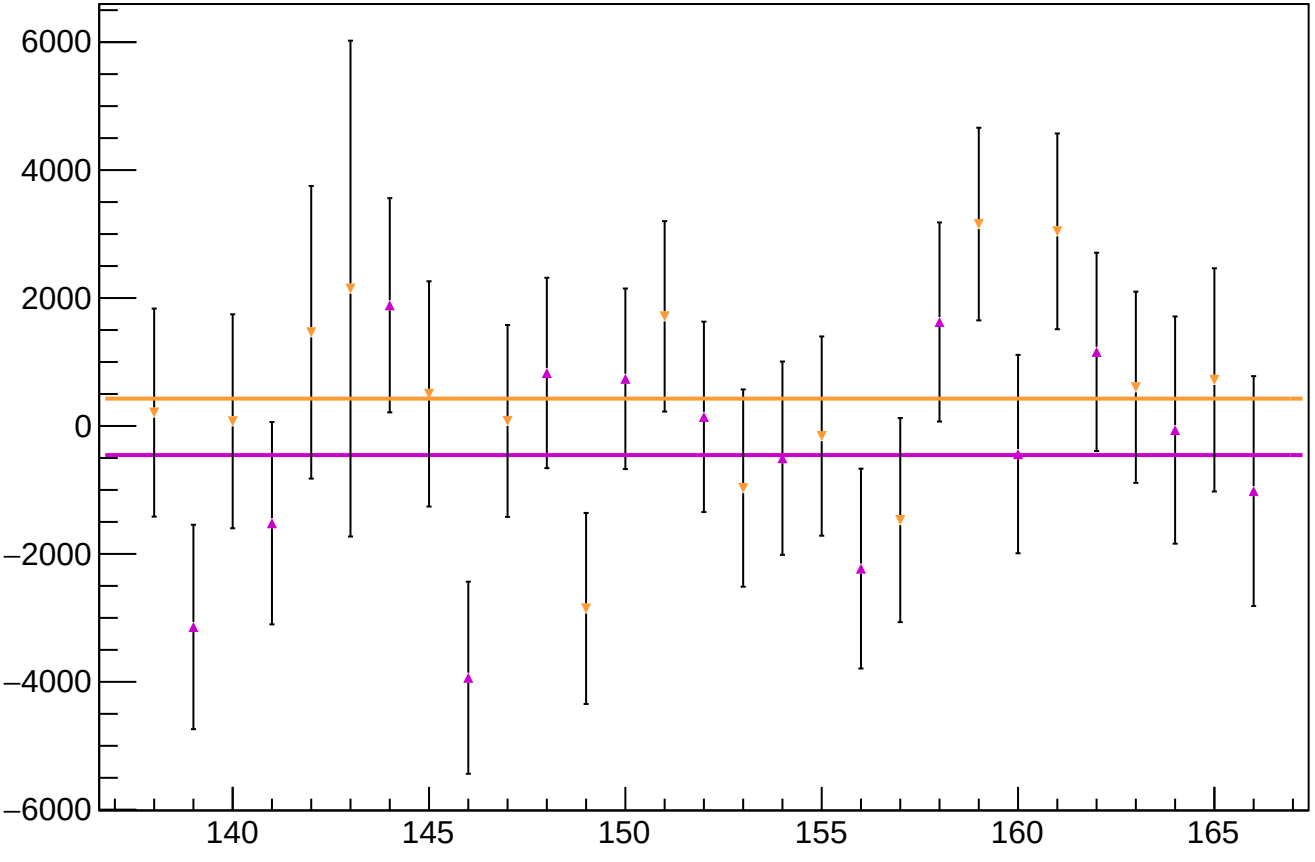
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 370.630+/-0.081 χ^2/NDF:872882.1/13

Out: 378.094+/-0.084 χ^2/NDF:1755483.5/14

All: 374.225+/-0.058 χ^2/NDF: 2632464.2/28

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: 427.852+/-425.228 χ^2/NDF:14.7/14

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

Left In: -454.984+/-418.226 χ^2/NDF:16.5/13

Left: -20.894+/-298.175 χ^2/NDF: 33.5/28

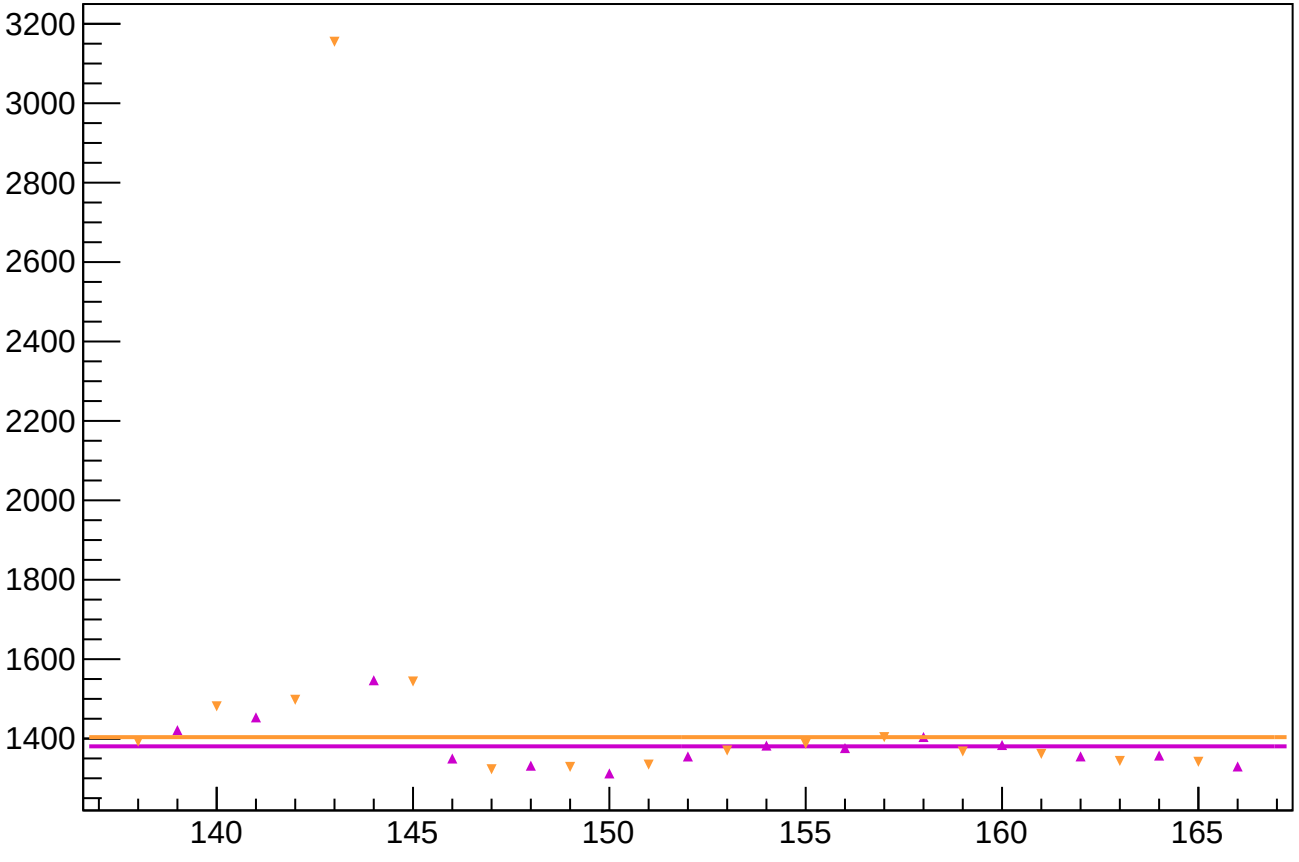
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -454.984+/-418.226 χ^2/NDF:16.5/13

Out: 427.852+/-425.228 χ^2/NDF:14.7/14

All: -20.894+/-298.175 χ^2/NDF: 33.5/28

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: 1403.636+/-0.301 χ^2/NDF:453573.4/14

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

Left In: 1380.489+/-0.296 χ^2/NDF:36510.3/13

Left: 1391.870+/-0.211 χ^2/NDF: 493096.2/28

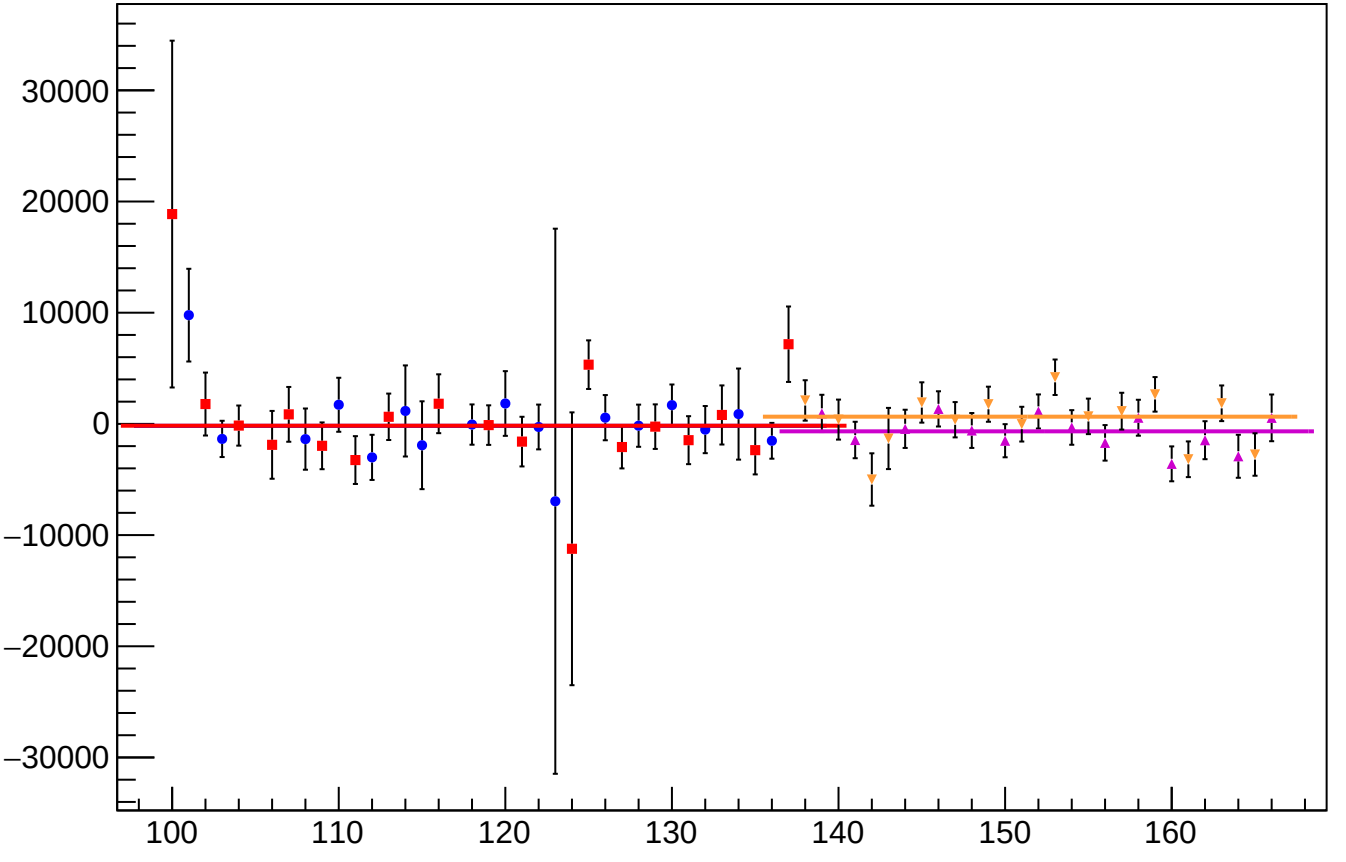
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1380.489+/-0.296 χ^2/NDF:36510.3/13

Out: 1403.636+/-0.301 χ^2/NDF:453573.4/14

All: 1391.870+/-0.211 χ^2/NDF: 493096.2/28

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: 649.143+/-444.905 χ^2/NDF:24.3/14

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

Left In: -669.976+/-439.485 χ^2/NDF:10.9/13

Left: -18.500+/-312.661 χ^2/NDF: 39.6/28

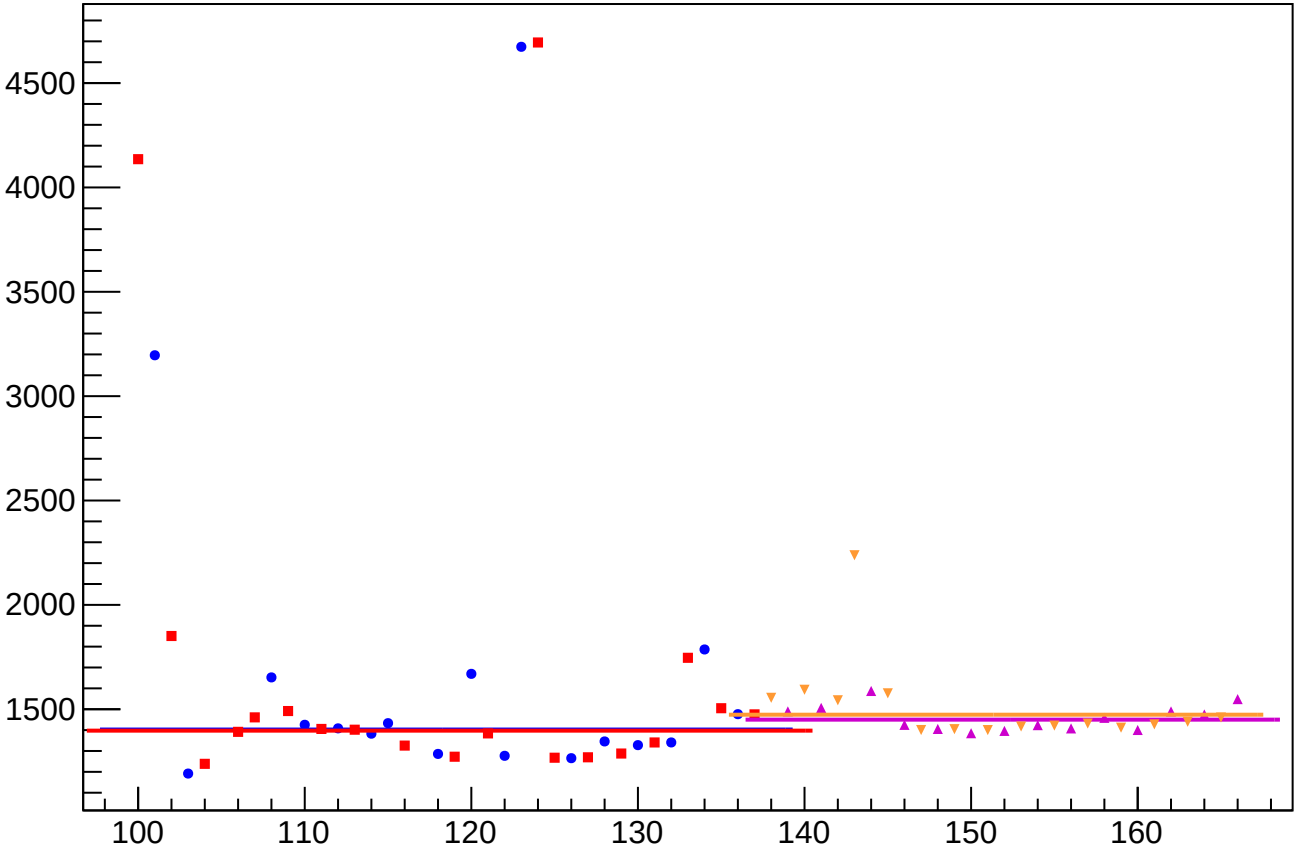
Right: -169.758+/-386.953 χ^2/NDF: 32.4/35

In: -479.012+/-344.461 χ^2/NDF:23.1/30

Out: 320.052+/-343.399 χ^2/NDF:46.3/33

All: -78.246+/-243.195 χ^2/NDF: 72.1/64

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: 1473.805+/-0.315 χ^2/NDF:199404.0/14

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

Left In: 1450.105+/-0.311 χ^2/NDF:34443.4/13

Left: 1461.810+/-0.221 χ^2/NDF: 236720.0/28

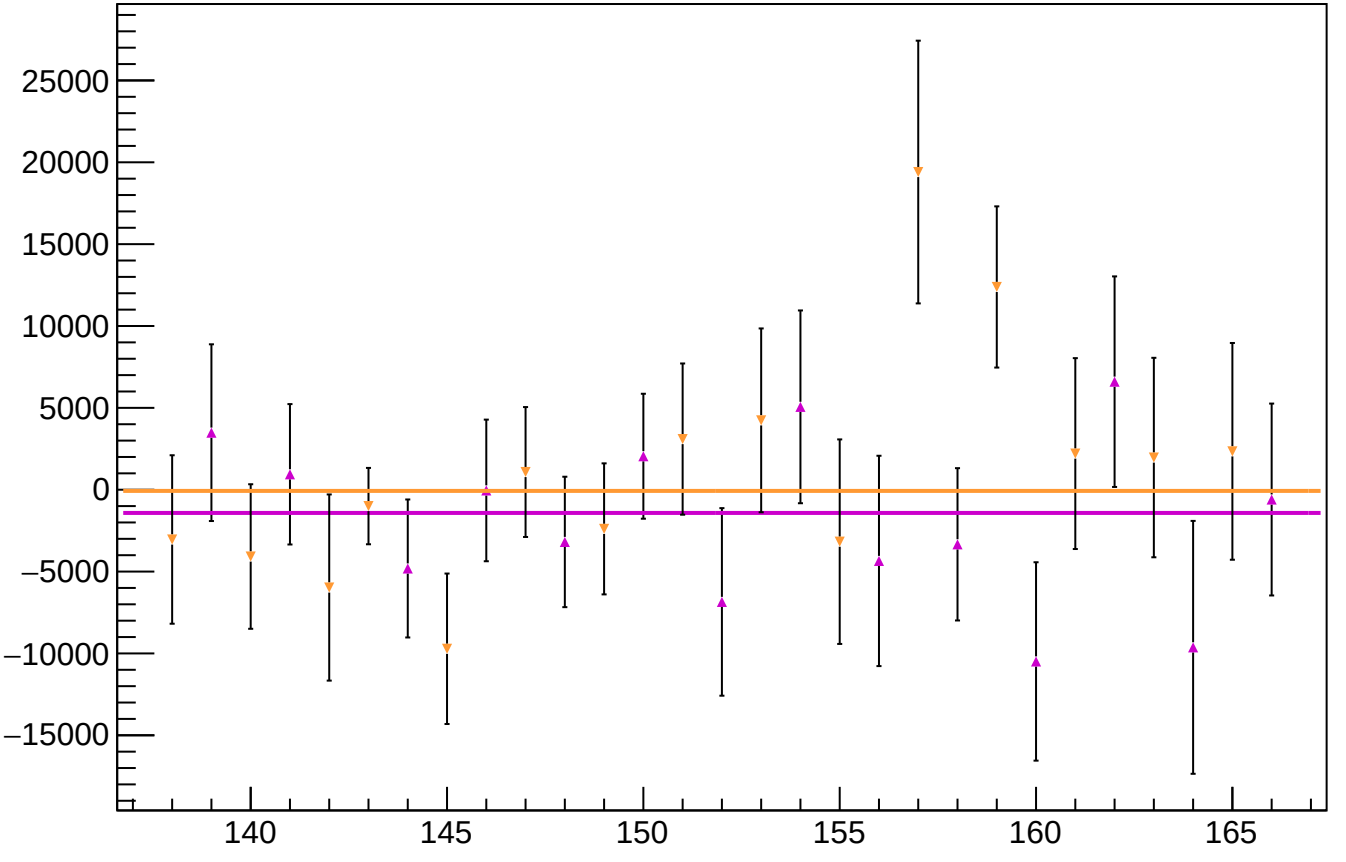
Right: 1400.004+/-0.274 χ^2/NDF: 879784.5/35

In: 1431.825+/-0.244 χ^2/NDF:569741.1/30

Out: 1442.914+/-0.243 χ^2/NDF:576604.0/33

All: 1437.388+/-0.172 χ^2/NDF: 1147385.1/64

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: -72.479+/-1180.699 χ^2/NDF:21.2/14

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

Left In: -1418.333+/-1339.652 χ^2/NDF:10.3/13

Left: -660.862+/-885.775 χ^2/NDF: 32.1/28

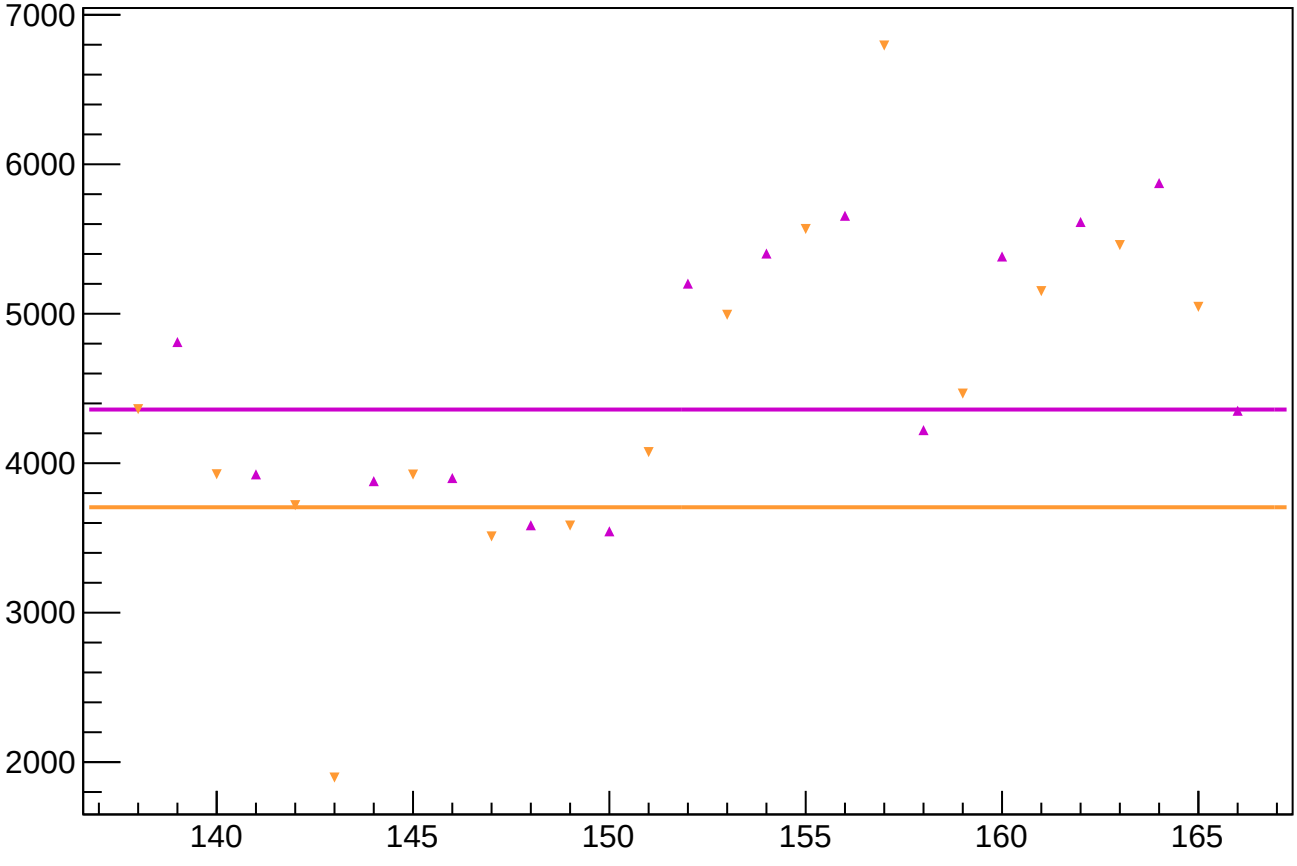
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1418.333+/-1339.652 χ^2/NDF:10.3/13

Out: -72.479+/-1180.699 χ^2/NDF:21.2/14

All: -660.862+/-885.775 χ^2/NDF: 32.1/28

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: 3705.281+/-0.835 χ^2/NDF:2261897.8/14

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

Left In: 4359.075+/-0.947 χ^2/NDF:649101.4/13

Left: 3991.108+/-0.626 χ^2/NDF: 3179099.2/28

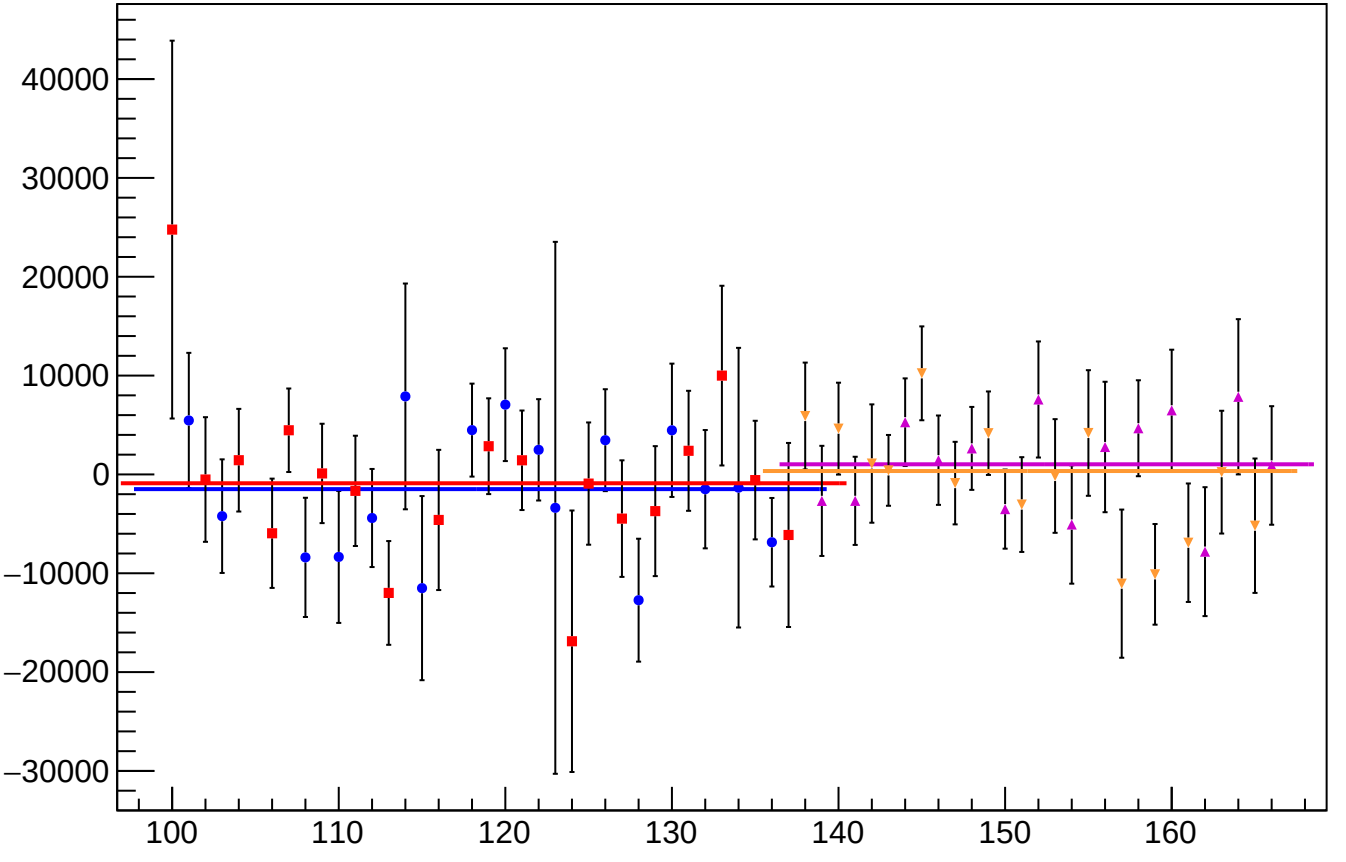
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4359.075+/-0.947 χ^2/NDF:649101.4/13

Out: 3705.281+/-0.835 χ^2/NDF:2261897.8/14

All: 3991.108+/-0.626 χ^2/NDF: 3179099.2/28

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: 343.857+/-1319.543 χ^2/NDF:16.7/14

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

Left In: 1025.530+/-1389.608 χ^2/NDF:9.8/13

Left: 667.075+/-956.869 χ^2/NDF: 26.6/28

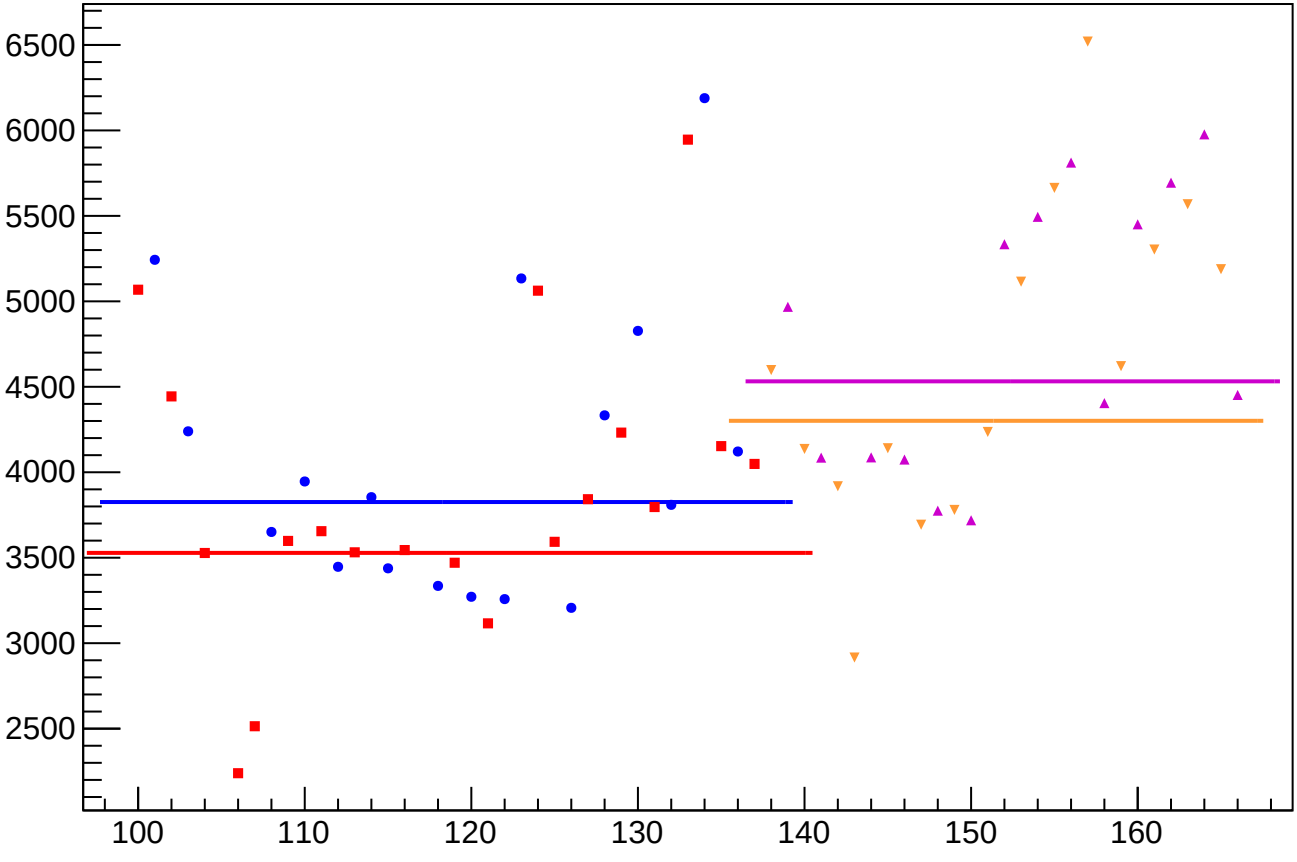
Right: -1165.879+/-1014.876 χ^2/NDF: 30.9/35

In: -135.643+/-1019.119 χ^2/NDF:28.0/30

Out: -247.928+/-953.355 χ^2/NDF:31.2/33

All: -195.525+/-696.213 χ^2/NDF: 59.2/64

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: 4301.041+/-0.933 χ^2/NDF:879483.5/14

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

Left In: 4531.900+/-0.983 χ^2/NDF:562419.4/13

Left: 4410.504+/-0.677 χ^2/NDF: 1470929.7/28

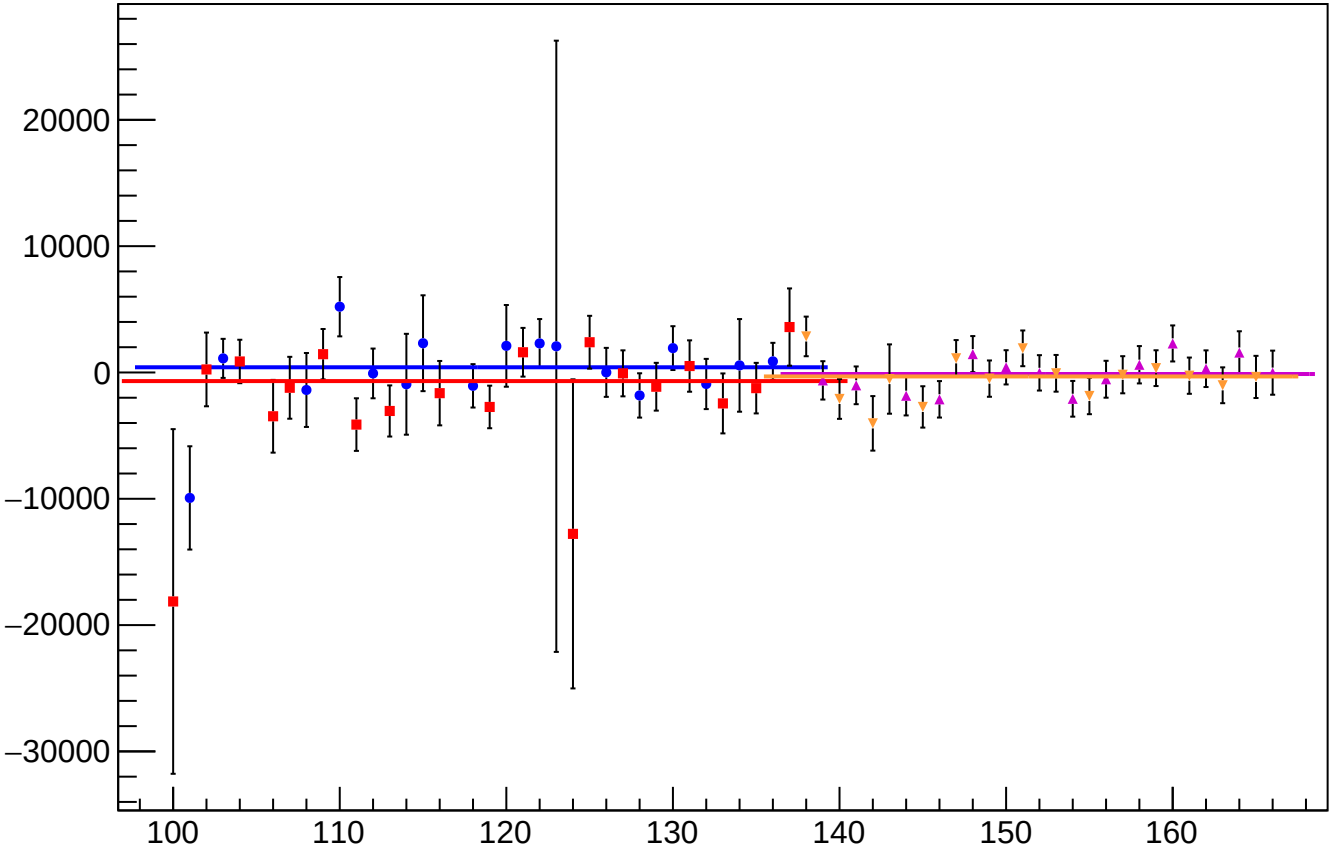
Right: 3663.316+/-0.714 χ^2/NDF: 932858.8/35

In: 4205.590+/-0.721 χ^2/NDF:1135448.4/30

Out: 3928.135+/-0.671 χ^2/NDF:1765893.0/33

All: 4057.018+/-0.491 χ^2/NDF: 2980723.0/64

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: -314.465+/-400.051 χ^2/NDF:15.6/14

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

Left In: -122.021+/-395.560 χ^2/NDF:11.2/13

Left: -217.157+/-281.277 χ^2/NDF: 27.0/28

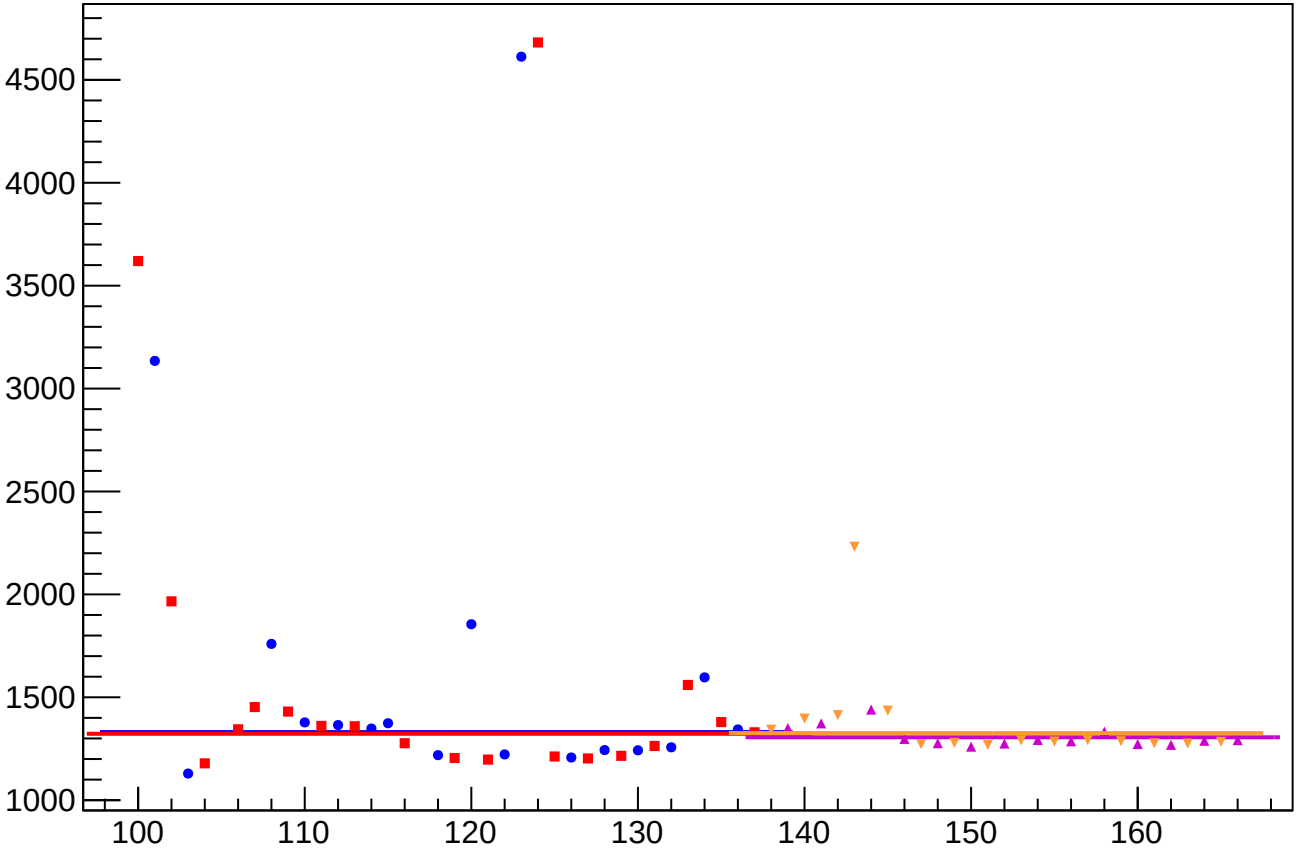
Right: -154.107+/-366.889 χ^2/NDF: 36.8/35

In: 69.754+/-316.570 χ^2/NDF:28.4/30

Out: -454.468+/-314.812 χ^2/NDF:34.0/33

All: -193.817+/-223.225 χ^2/NDF: 63.7/64

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: 1326.090+/-0.283 χ^2/NDF:254028.0/14

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

Left In: 1305.696+/-0.280 χ^2/NDF:28653.6/13

Left: 1315.778+/-0.199 χ^2/NDF: 285309.7/28

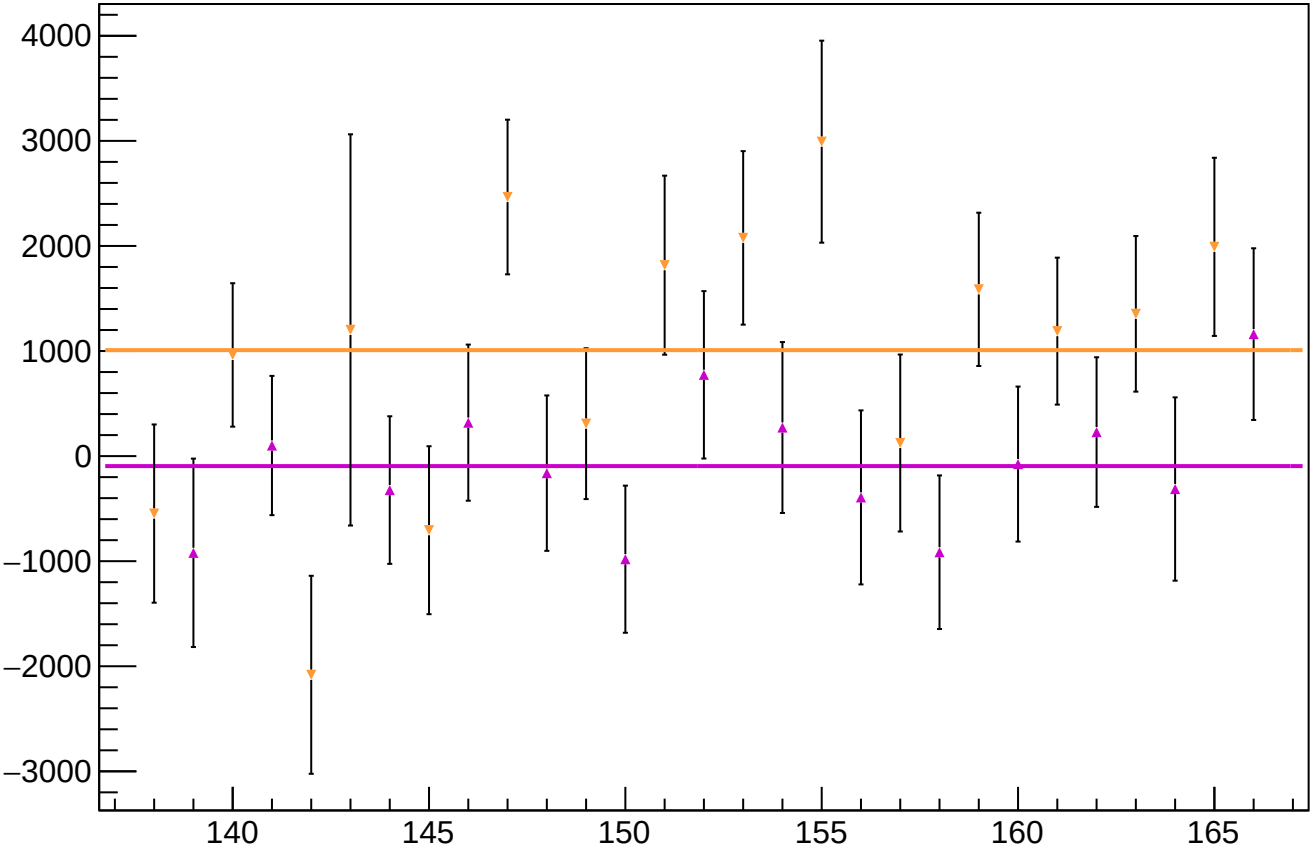
Right: 1326.657+/-0.259 χ^2/NDF: 998136.6/35

In: 1314.753+/-0.224 χ^2/NDF:635044.8/30

Out: 1324.801+/-0.223 χ^2/NDF:648496.1/33

All: 1319.805+/-0.158 χ^2/NDF: 1284554.0/64

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: 1008.508+/-209.520 χ^2/NDF:33.8/14

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

Left In: -95.087+/-202.986 χ^2/NDF:8.4/13

Left: 439.233+/-145.788 χ^2/NDF: 56.5/28

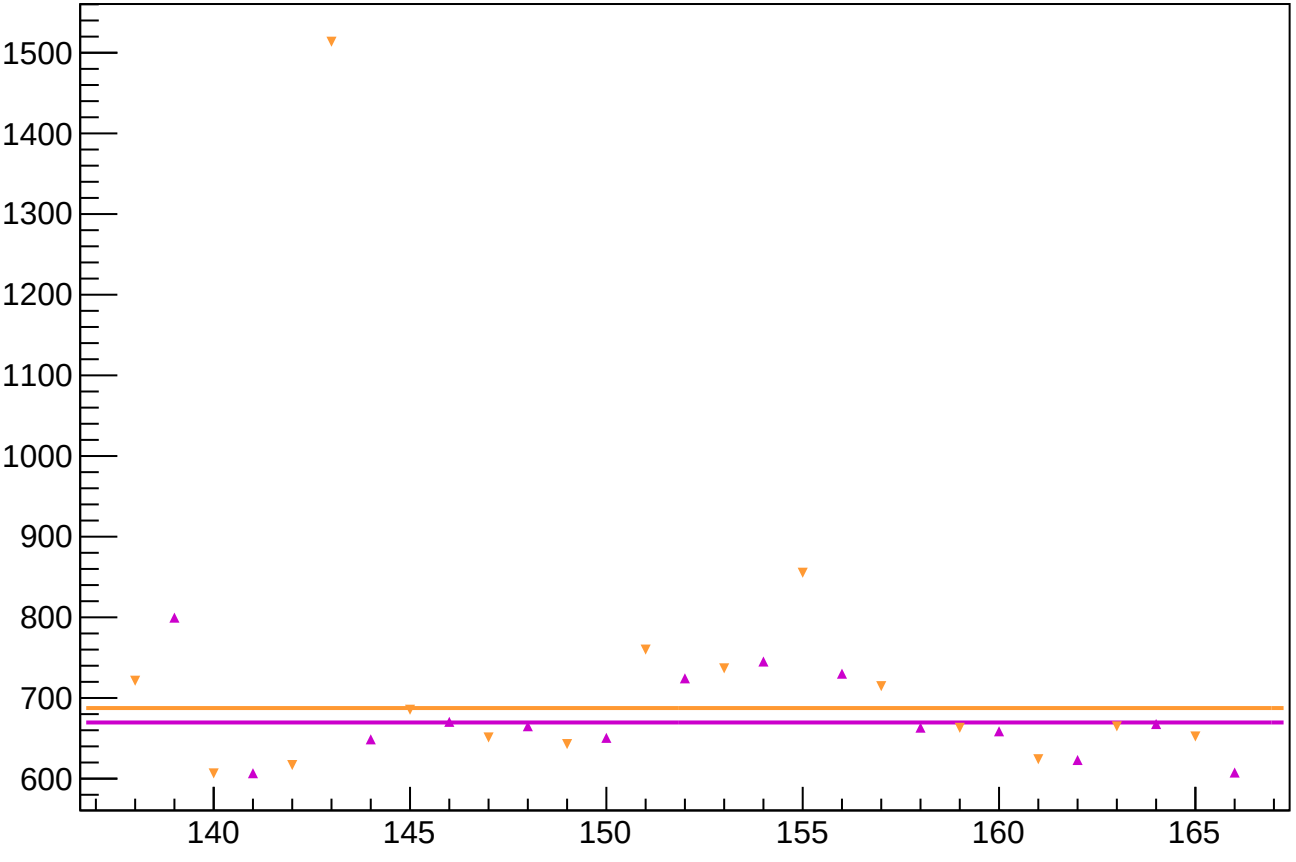
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -95.087+/-202.986 χ^2/NDF:8.4/13

Out: 1008.508+/-209.520 χ^2/NDF:33.8/14

All: 439.233+/-145.788 χ^2/NDF: 56.5/28

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: 687.521+/-0.148 χ^2/NDF:557792.9/14

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

Left In: 669.632+/-0.144 χ^2/NDF:121461.5/13

Left: 678.293+/-0.103 χ^2/NDF: 686774.6/28

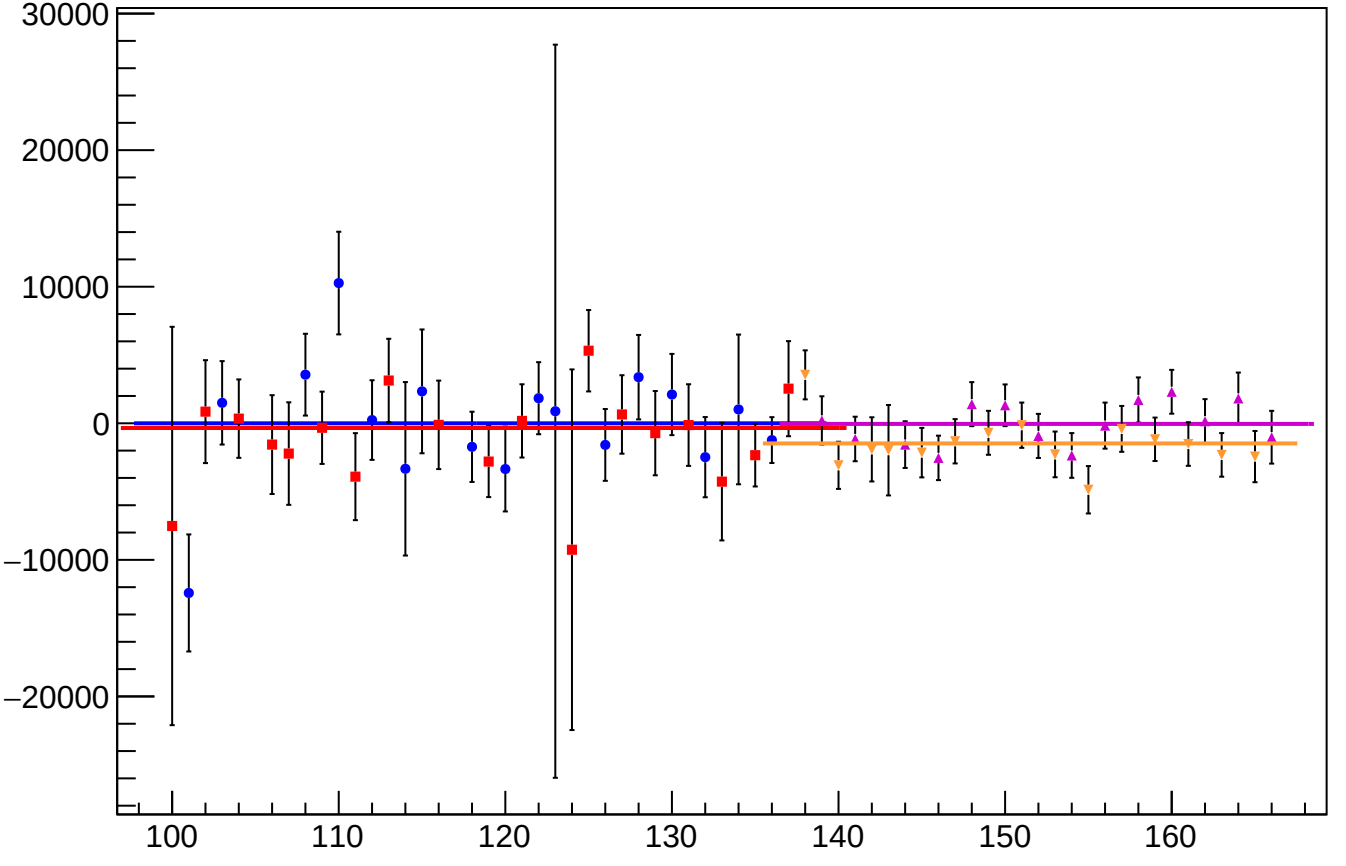
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 669.632+/-0.144 χ^2/NDF:121461.5/13

Out: 687.521+/-0.148 χ^2/NDF:557792.9/14

All: 678.293+/-0.103 χ^2/NDF: 686774.6/28

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: -1474.209+/-453.605 χ^2/NDF:14.8/14

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

Left In: -45.545+/-446.230 χ^2/NDF:12.0/13

Left: -748.169+/-318.108 χ^2/NDF: 31.9/28

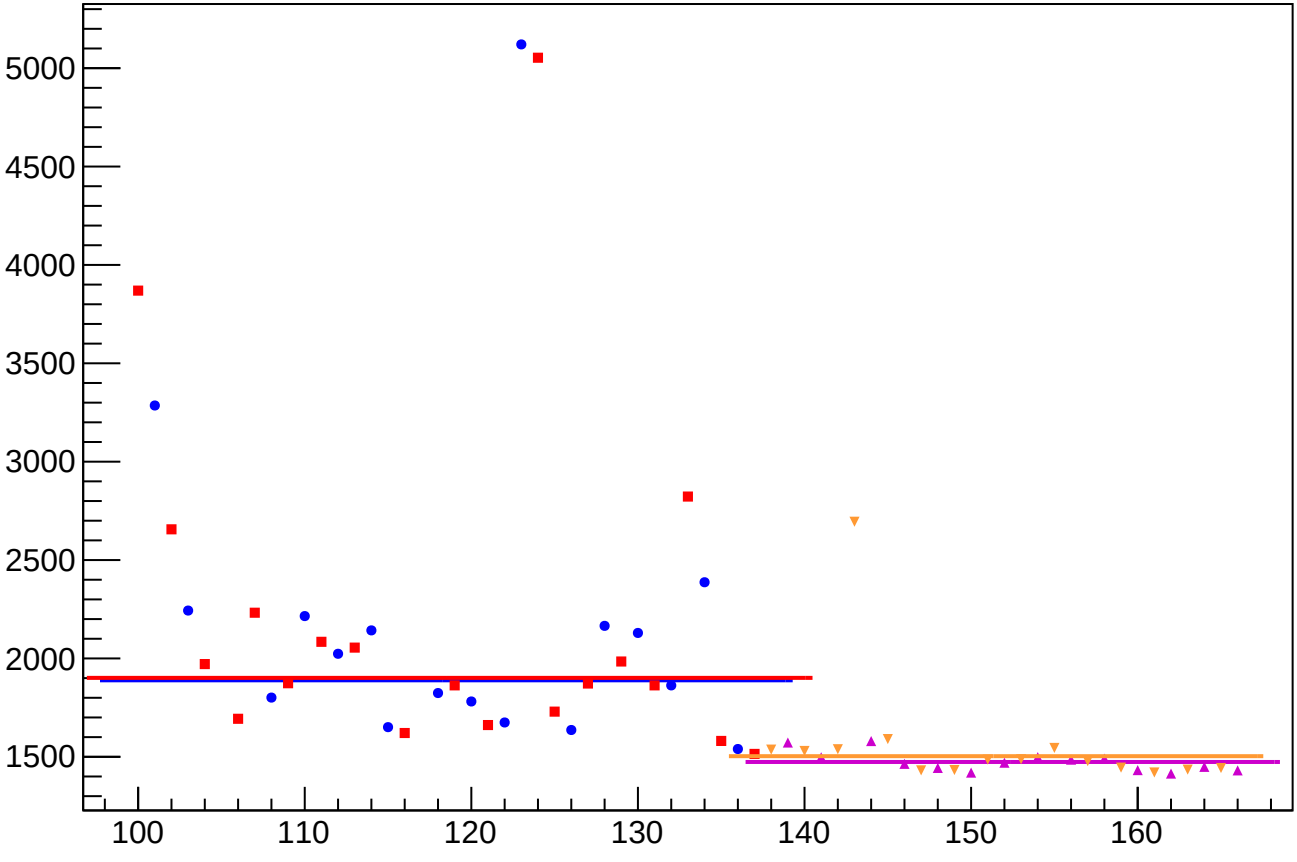
Right: -176.305+/-522.783 χ^2/NDF: 34.3/35

In: -34.103+/-382.822 χ^2/NDF:35.5/30

Out: -1162.005+/-385.827 χ^2/NDF:27.2/33

All: -593.645+/-271.752 χ^2/NDF: 67.1/64

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: 1503.218+/-0.321 χ^2/NDF:288722.1/14

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

Left In: 1473.769+/-0.316 χ^2/NDF:23774.2/13

Left: 1488.252+/-0.225 χ^2/NDF: 316780.2/28

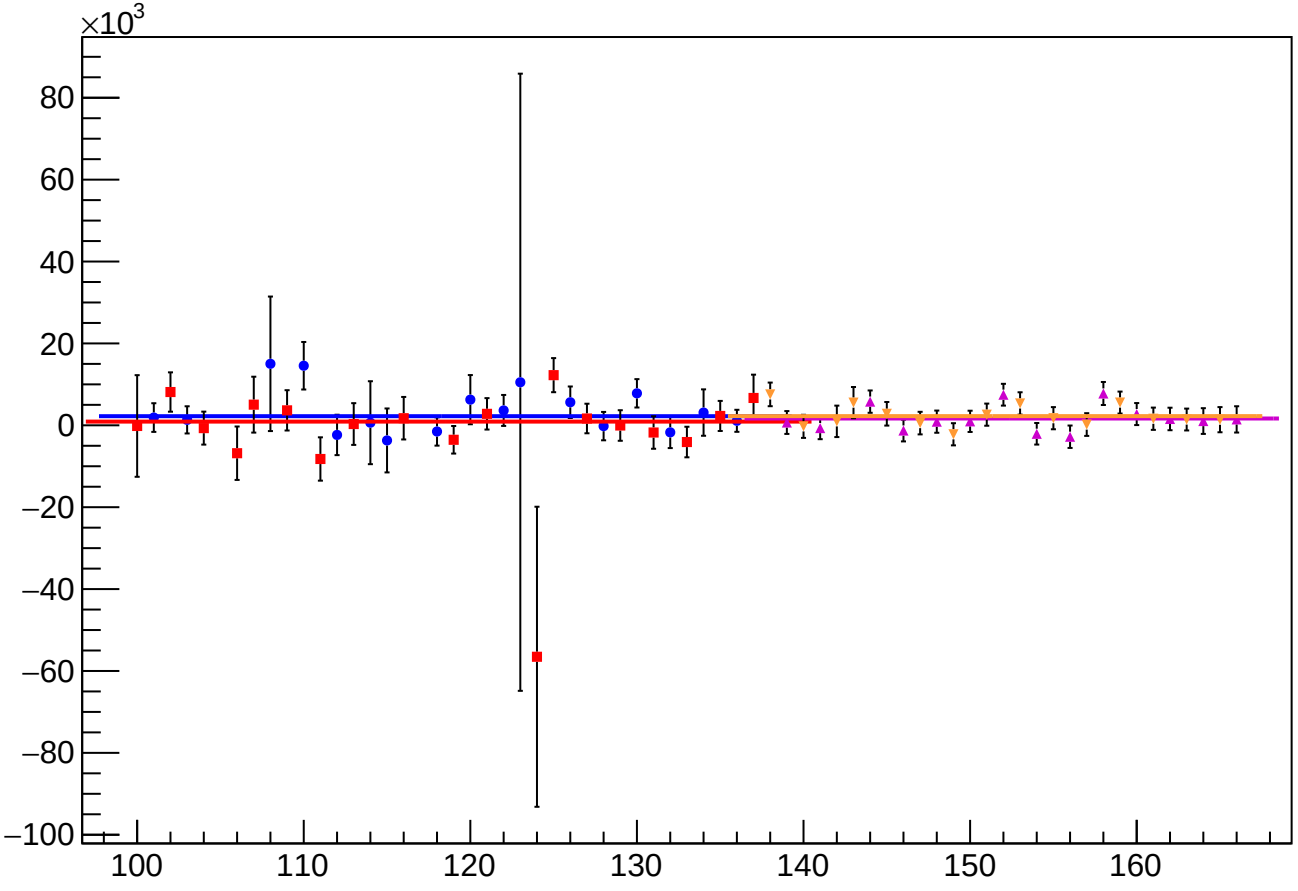
Right: 1895.125+/-0.370 χ^2/NDF: 927550.0/35

In: 1583.342+/-0.271 χ^2/NDF:946398.3/30

Out: 1613.282+/-0.273 χ^2/NDF:1175976.0/33

All: 1598.195+/-0.192 χ^2/NDF: 2128442.9/64

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 2242.821+/-739.302 χ^2/NDF:11.8/14

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

Left In: 1662.034+/-737.234 χ^2/NDF:18.9/13

Left: 1951.614+/-522.033 χ^2/NDF: 31.0/28

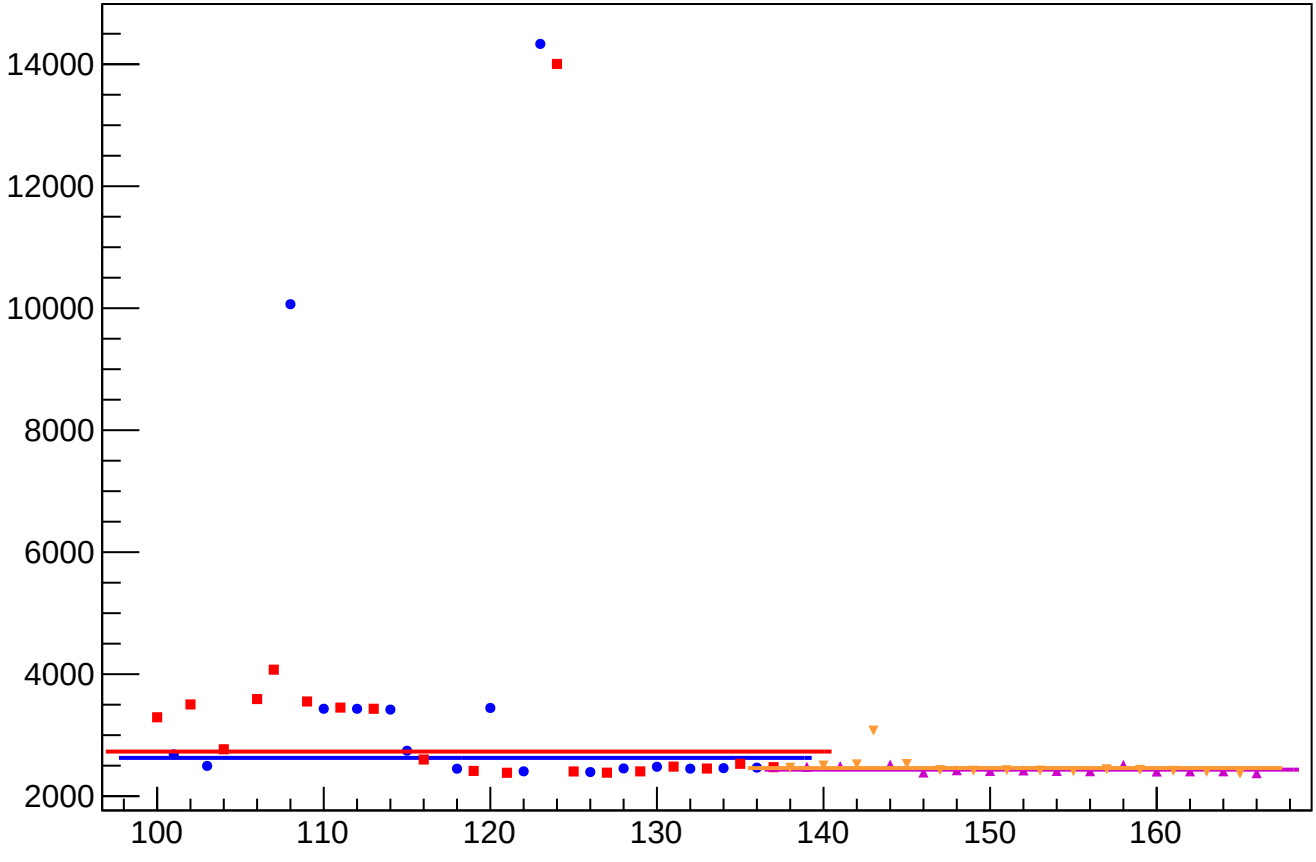
Right: 1572.479+/-737.556 χ^2/NDF: 37.3/35

In: 1851.331+/-601.308 χ^2/NDF:32.6/30

Out: 1798.590+/-603.897 χ^2/NDF:35.8/33

All: 1825.074+/-426.101 χ^2/NDF: 68.4/64

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2460.780+/-0.523 χ^2/NDF:59838.3/14

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

Left In: 2434.700+/-0.521 χ^2/NDF:7355.3/13

Left: 2447.704+/-0.369 χ^2/NDF: 68441.5/28

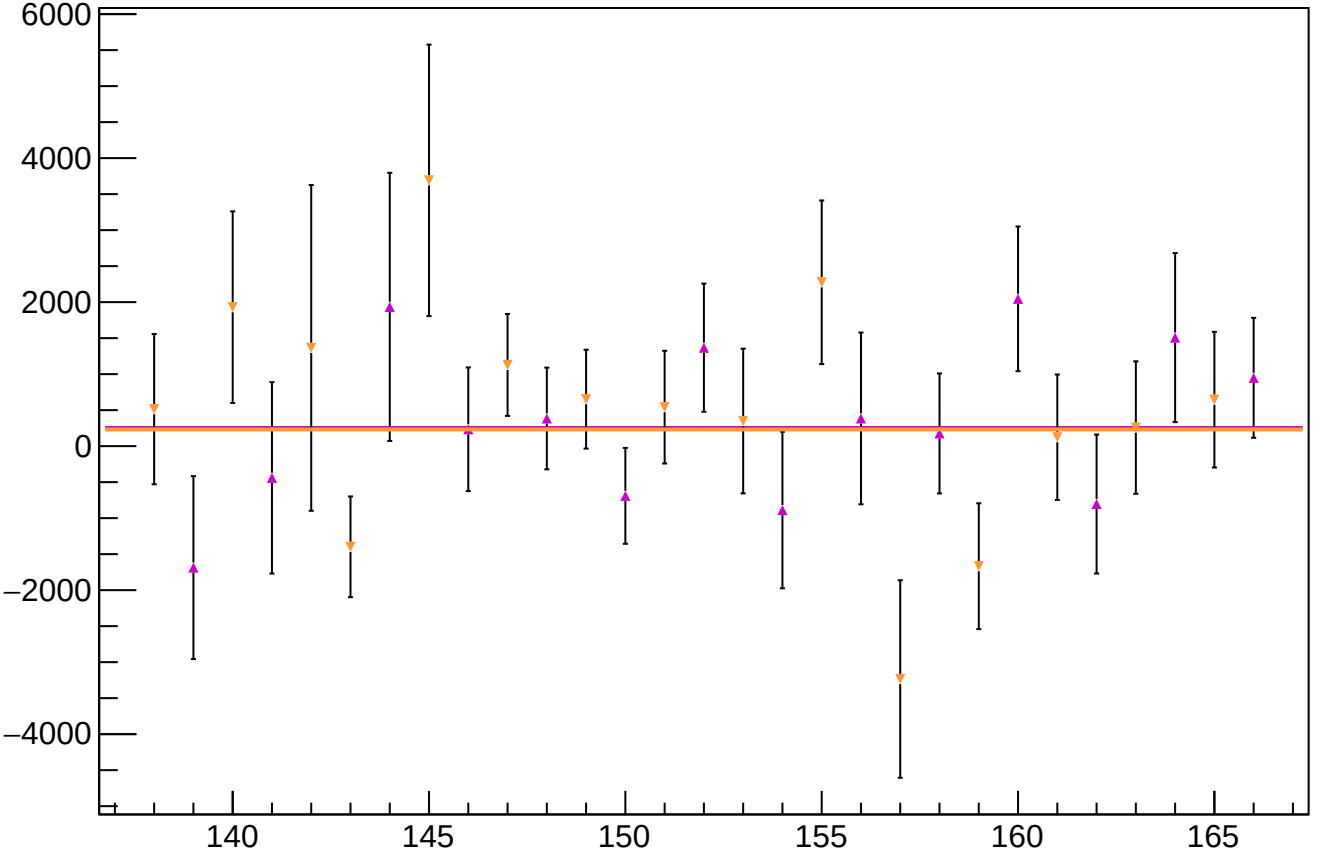
Right: 2679.043+/-0.522 χ^2/NDF: 1252488.0/35

In: 2499.264+/-0.425 χ^2/NDF:697573.5/30

Out: 2550.789+/-0.427 χ^2/NDF:747134.5/33

All: 2524.916+/-0.301 χ^2/NDF: 1452019.1/64

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 231.359+/-242.640 χ^2/NDF:27.4/14

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

Left In: 251.689+/-253.381 χ^2/NDF:14.4/13

Left: 241.084+/-175.247 χ^2/NDF: 41.8/28

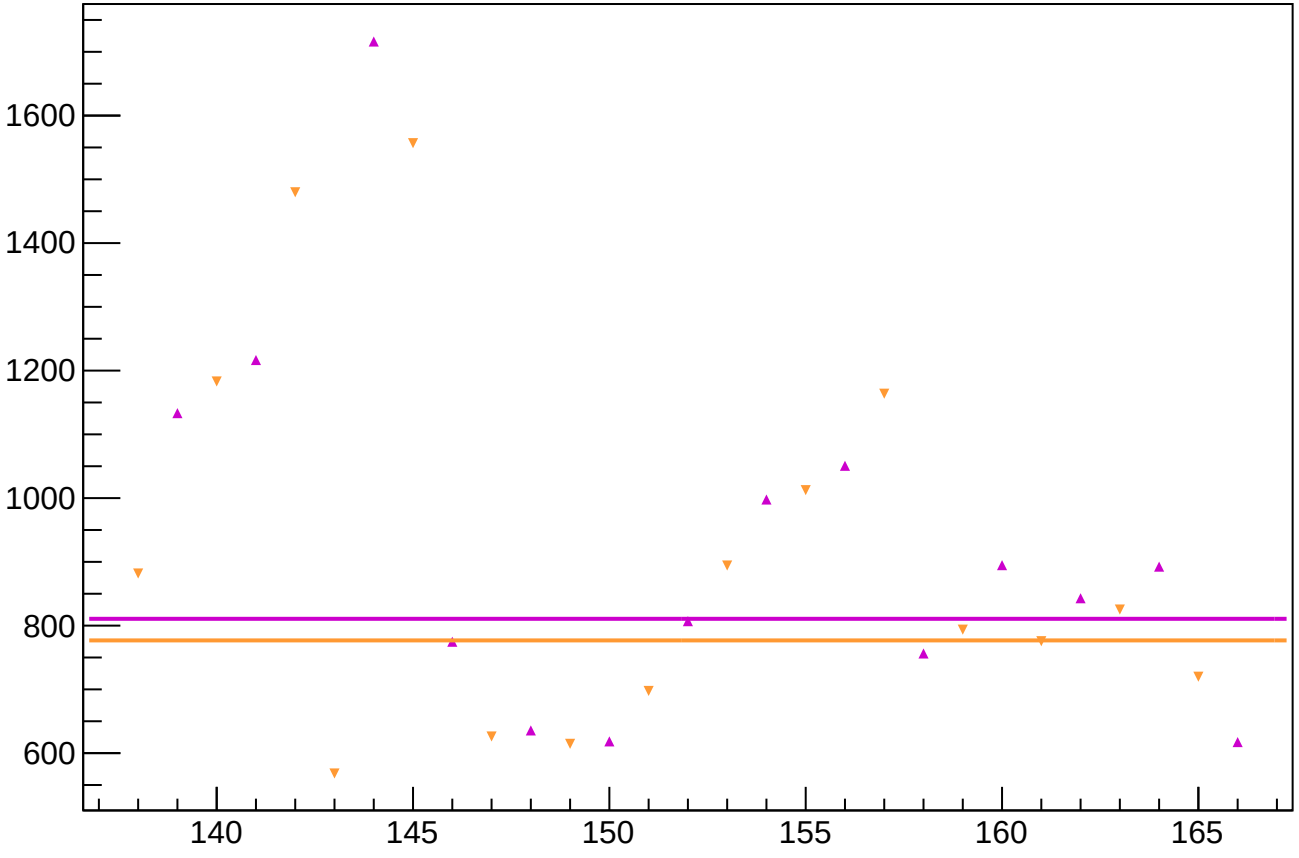
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 251.689+/-253.381 χ^2/NDF:14.4/13

Out: 231.359+/-242.640 χ^2/NDF:27.4/14

All: 241.084+/-175.247 χ^2/NDF: 41.8/28

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 776.811+/-0.172 χ^2/NDF:1429032.5/14

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

Left In: 810.678+/-0.179 χ^2/NDF:1364476.5/13

Left: 793.011+/-0.124 χ^2/NDF: 2812146.9/28

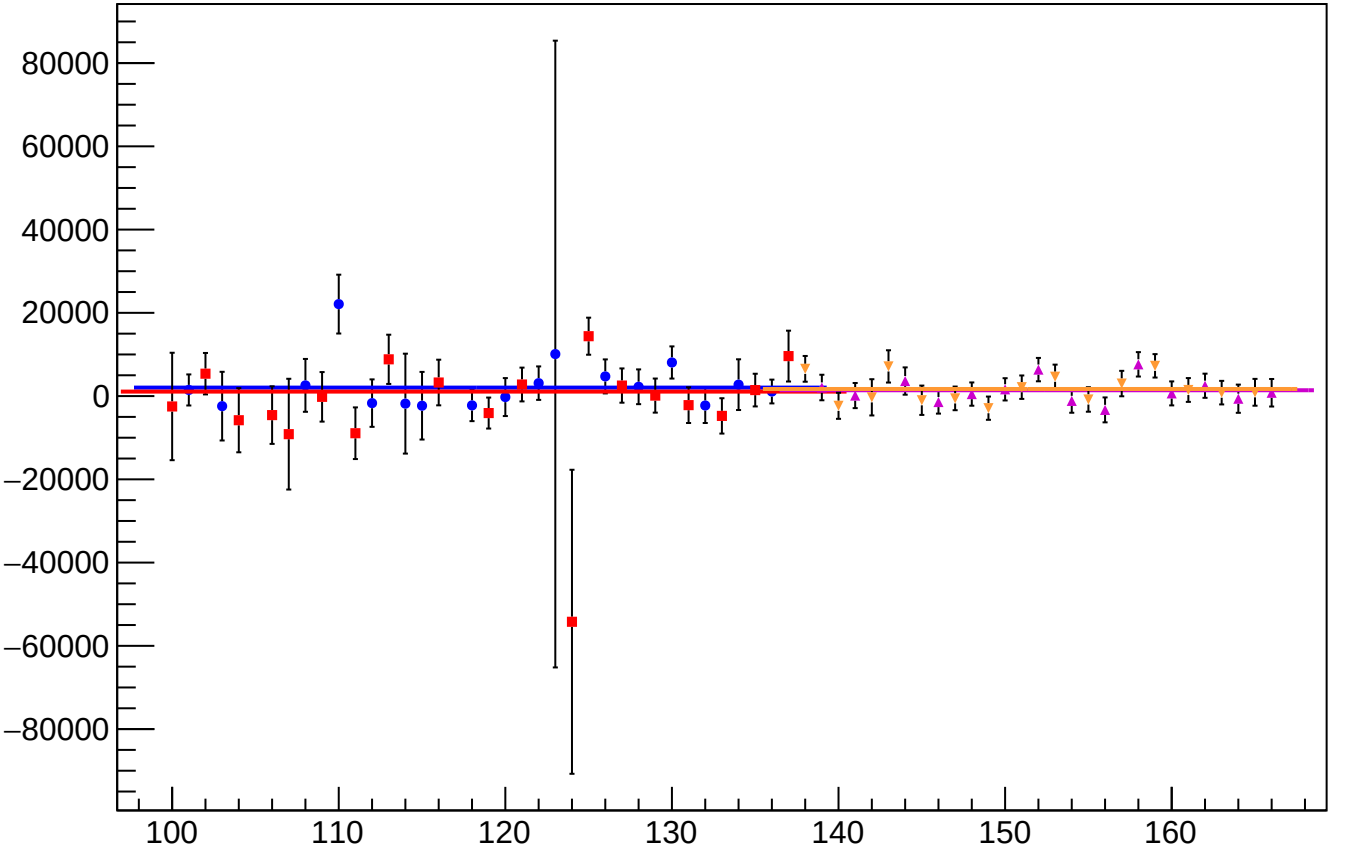
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 810.678+/-0.179 χ^2/NDF:1364476.5/13

Out: 776.811+/-0.172 χ^2/NDF:1429032.5/14

All: 793.011+/-0.124 χ^2/NDF: 2812146.9/28

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1706.248+/-791.720 χ^2/NDF:16.3/14

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

Left In: 1402.426+/-790.199 χ^2/NDF:13.3/13

Left: 1554.045+/-559.292 χ^2/NDF: 29.7/28

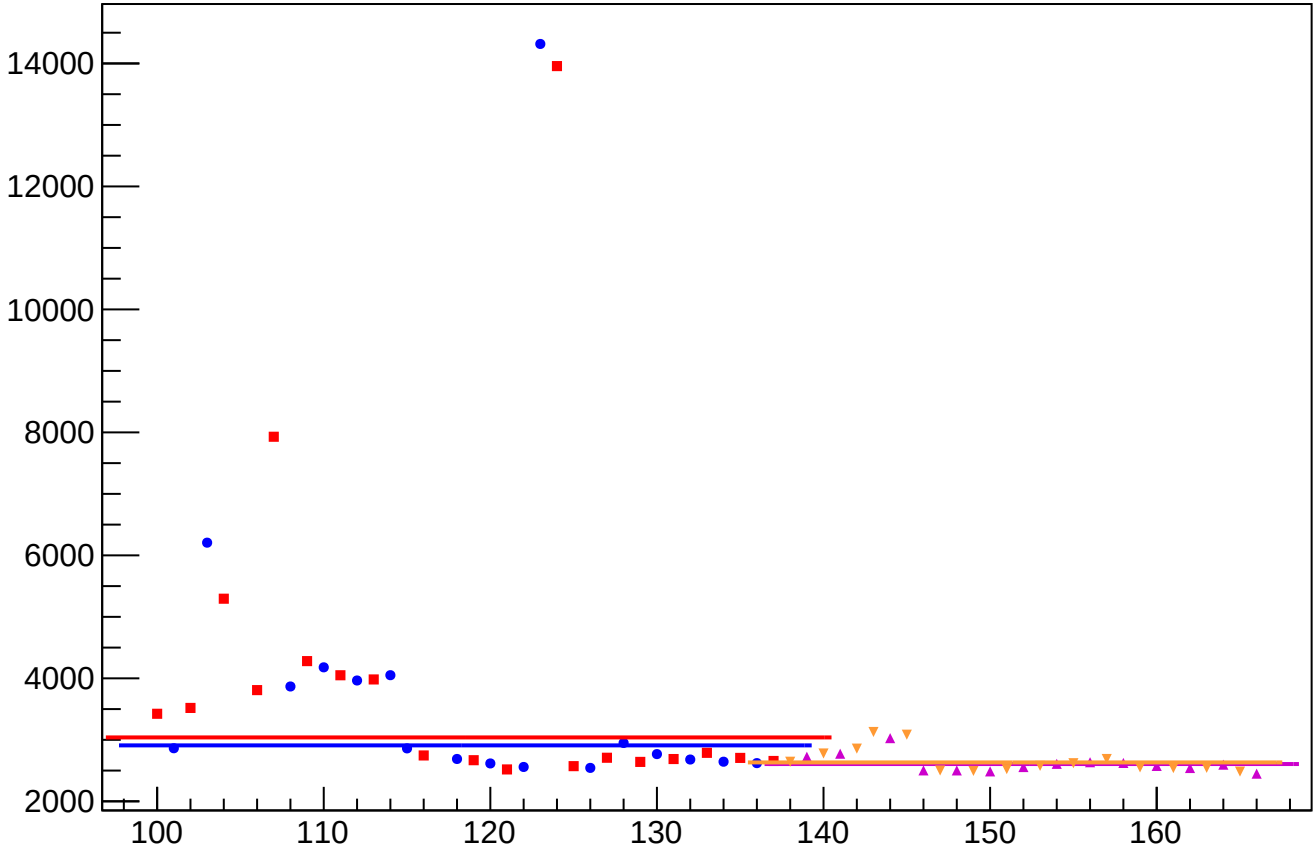
Right: 1573.398+/-826.356 χ^2/NDF: 40.5/35

In: 1605.863+/-651.527 χ^2/NDF:28.4/30

Out: 1513.389+/-658.594 χ^2/NDF:41.8/33

All: 1560.125+/-463.178 χ^2/NDF: 70.2/64

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2632.627+/-0.560 χ^2/NDF:98597.2/14

Right Out: 3039.118+/-0.839 χ^2/NDF: 1011306.5/18

Left In: 2606.274+/-0.559 χ^2/NDF:58272.4/13

Left: 2619.425+/-0.395 χ^2/NDF: 157979.7/28

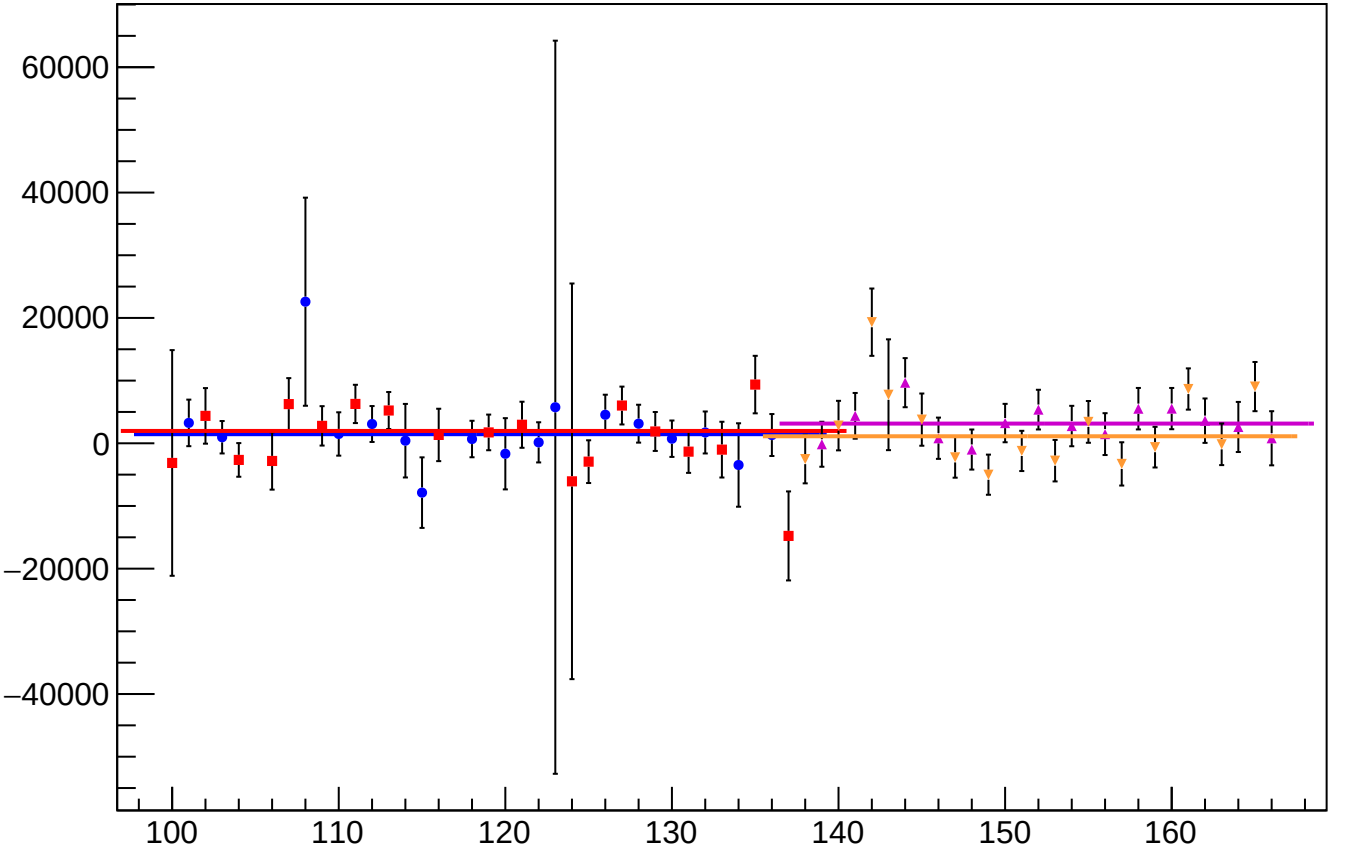
Right: 2972.475+/-0.584 χ^2/NDF: 1665447.8/35

In: 2703.436+/-0.461 χ^2/NDF:794606.9/30

Out: 2757.834+/-0.466 χ^2/NDF:1272296.9/33

All: 2730.342+/-0.328 χ^2/NDF: 2073799.9/64

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF: 7.4/16

Left Out: 1120.463+/-939.083 χ^2/NDF:32.1/14

Right Out: 1969.182+/-850.490 χ^2/NDF: 22.4/18

Left In: 3143.442+/-920.631 χ^2/NDF:8.1/13

Left: 2152.022+/-657.411 χ^2/NDF: 42.5/28

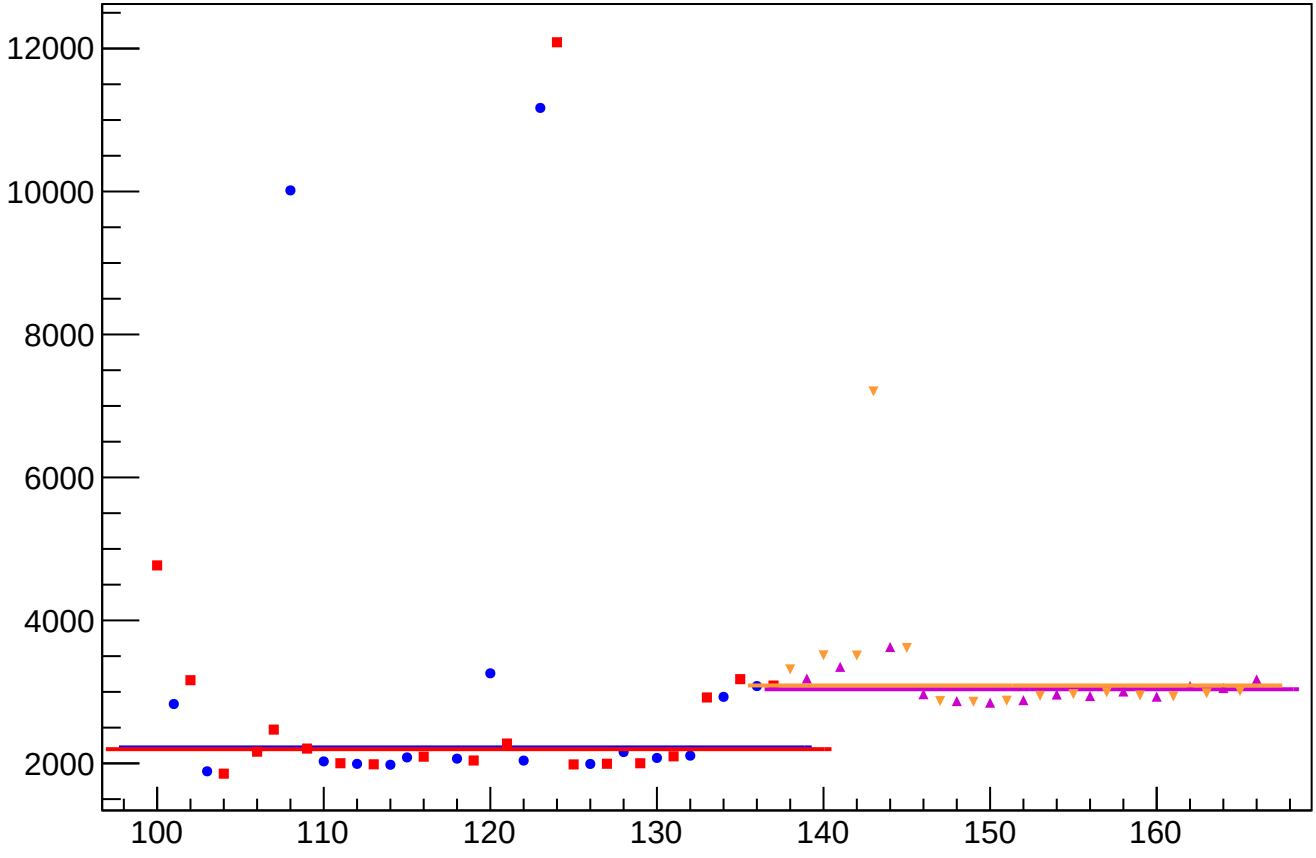
Right: 1722.028+/-614.553 χ^2/NDF: 30.0/35

In: 2268.162+/-639.511 χ^2/NDF:17.2/30

Out: 1586.735+/-630.387 χ^2/NDF:54.9/33

All: 1922.553+/-448.942 χ^2/NDF: 72.7/64

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF: 850289.4/16

Left Out: 3090.012+/-0.664 χ^2/NDF:553764.8/14

Right Out: 2198.760+/-0.601 χ^2/NDF: 602418.1/18

Left In: 3036.851+/-0.651 χ^2/NDF:89389.9/13

Left: 3062.904+/-0.465 χ^2/NDF: 646422.7/28

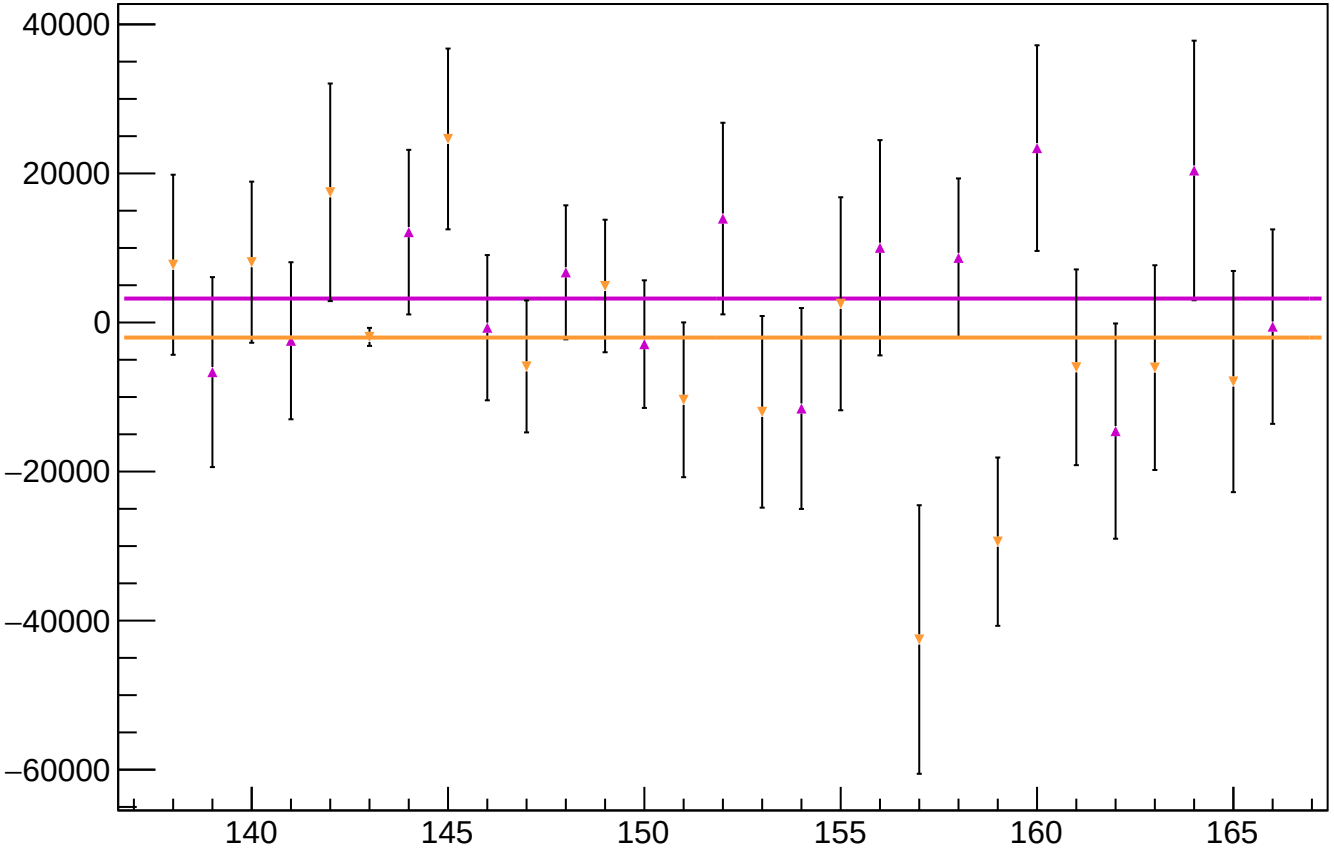
Right: 2210.398+/-0.434 χ^2/NDF: 1453492.9/35

In: 2615.776+/-0.452 χ^2/NDF:1748203.6/30

Out: 2600.052+/-0.446 χ^2/NDF:2146518.0/33

All: 2607.798+/-0.317 χ^2/NDF: 3895335.0/64

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -2022.813+/-1129.670 χ^2/NDF:21.6/14

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

Left In: 3212.339+/-3096.655 χ^2/NDF:9.5/13

Left: -1407.940+/-1061.258 χ^2/NDF: 33.5/28

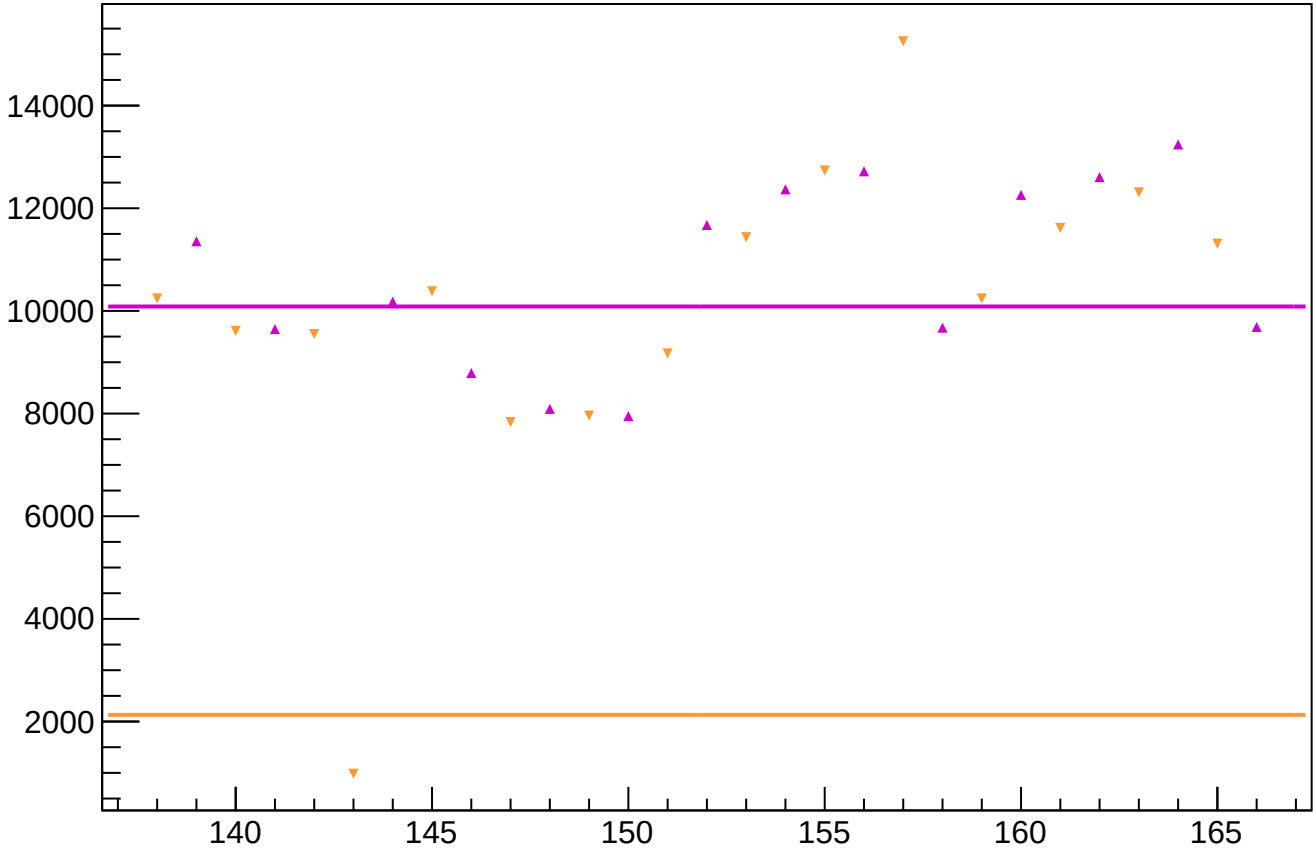
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3212.339+/-3096.655 χ^2/NDF:9.5/13

Out: -2022.813+/-1129.670 χ^2/NDF:21.6/14

All: -1407.940+/-1061.258 χ^2/NDF: 33.5/28

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2130.021+/-0.799 χ^2/NDF:14864824.6/14

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

Left In: 10085.650+/-2.190 χ^2/NDF:617360.7/13

Left: 3064.417+/-0.750 χ^2/NDF: 27132355.7/28

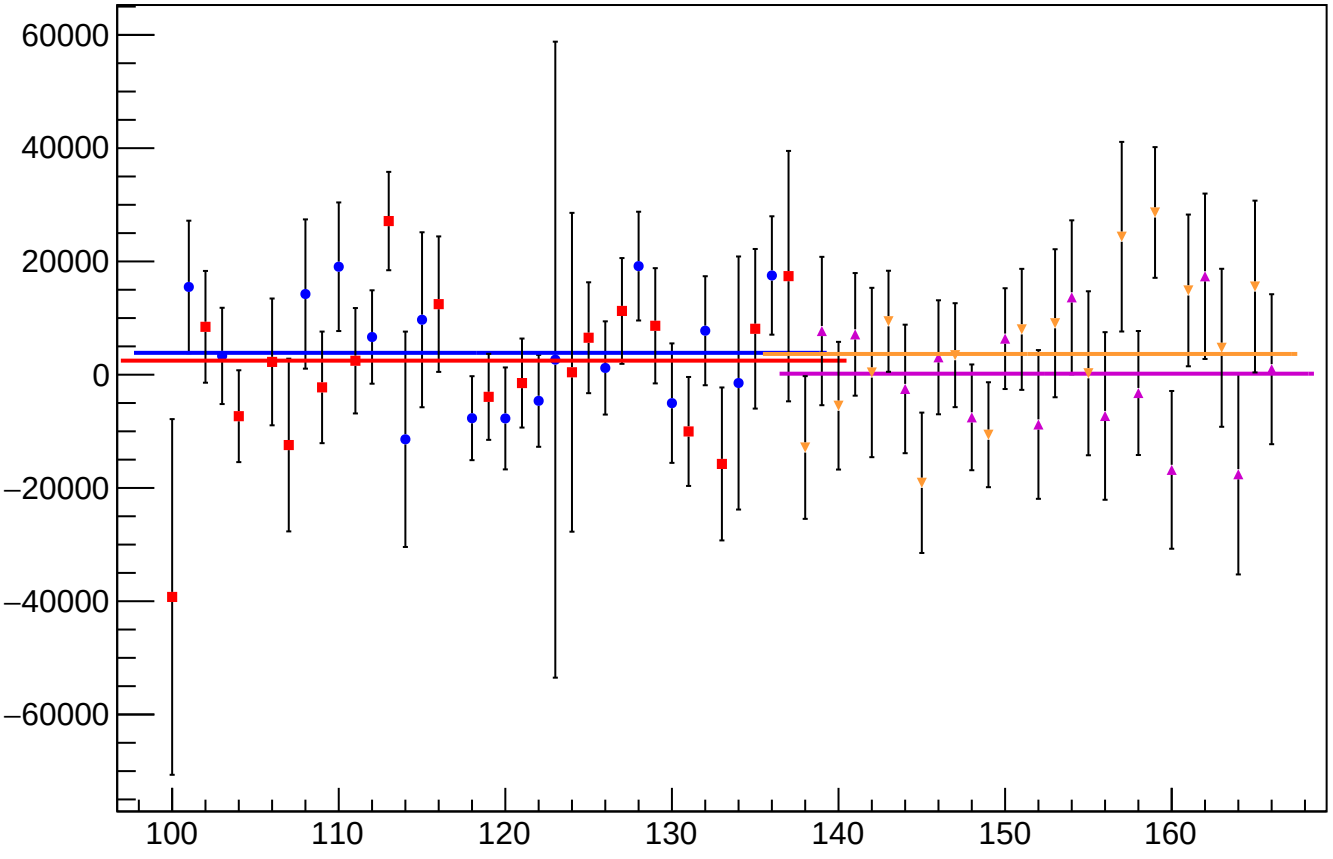
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10085.650+/-2.190 χ^2/NDF:617360.7/13

Out: 2130.021+/-0.799 χ^2/NDF:14864824.6/14

All: 3064.417+/-0.750 χ^2/NDF: 27132355.7/2

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866+/-2508.782 χ^2/NDF: 14.8/16

Left Out: 3663.234+/-3060.760 χ^2/NDF:16.5/14

Right Out: 2482.925+/-2421.310 χ^2/NDF: 20.0/18

Left In: 177.947+/-3179.179 χ^2/NDF:7.7/13

Left: 1986.709+/-2204.960 χ^2/NDF: 24.9/28

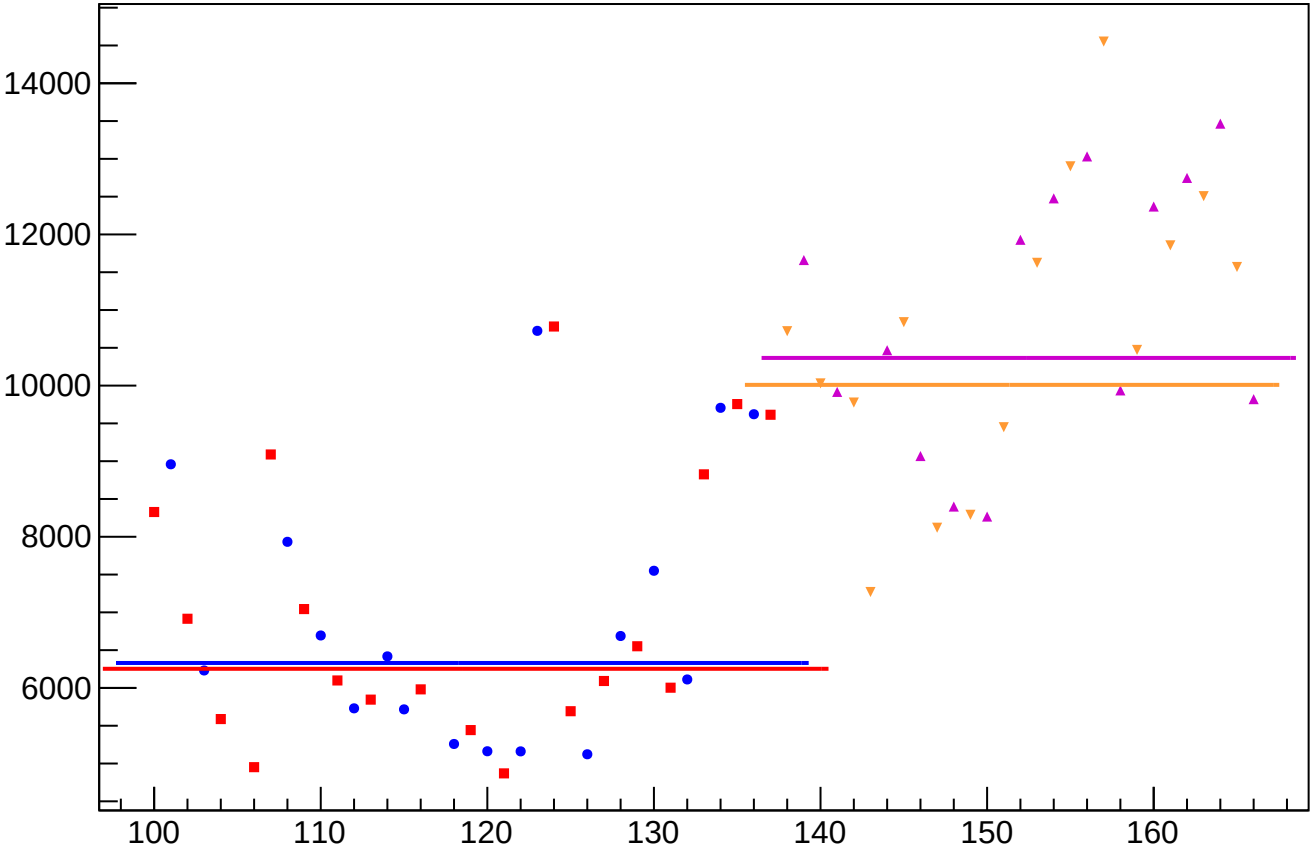
Right: 3146.972+/-1742.228 χ^2/NDF: 35.0/35

In: 2446.920+/-1969.430 χ^2/NDF:23.3/30

Out: 2937.251+/-1898.959 χ^2/NDF:36.6/33

All: 2701.015+/-1367.001 χ^2/NDF: 60.0/64

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF: 593395.6/16

Left Out: 10009.731+/-2.164 χ^2/NDF:747512.5/14

Right Out: 6253.330+/-1.712 χ^2/NDF: 535355.5/18

Left In: 10366.234+/-2.248 χ^2/NDF:560129.5/13

Left: 10181.219+/-1.559 χ^2/NDF: 1320693.7/28

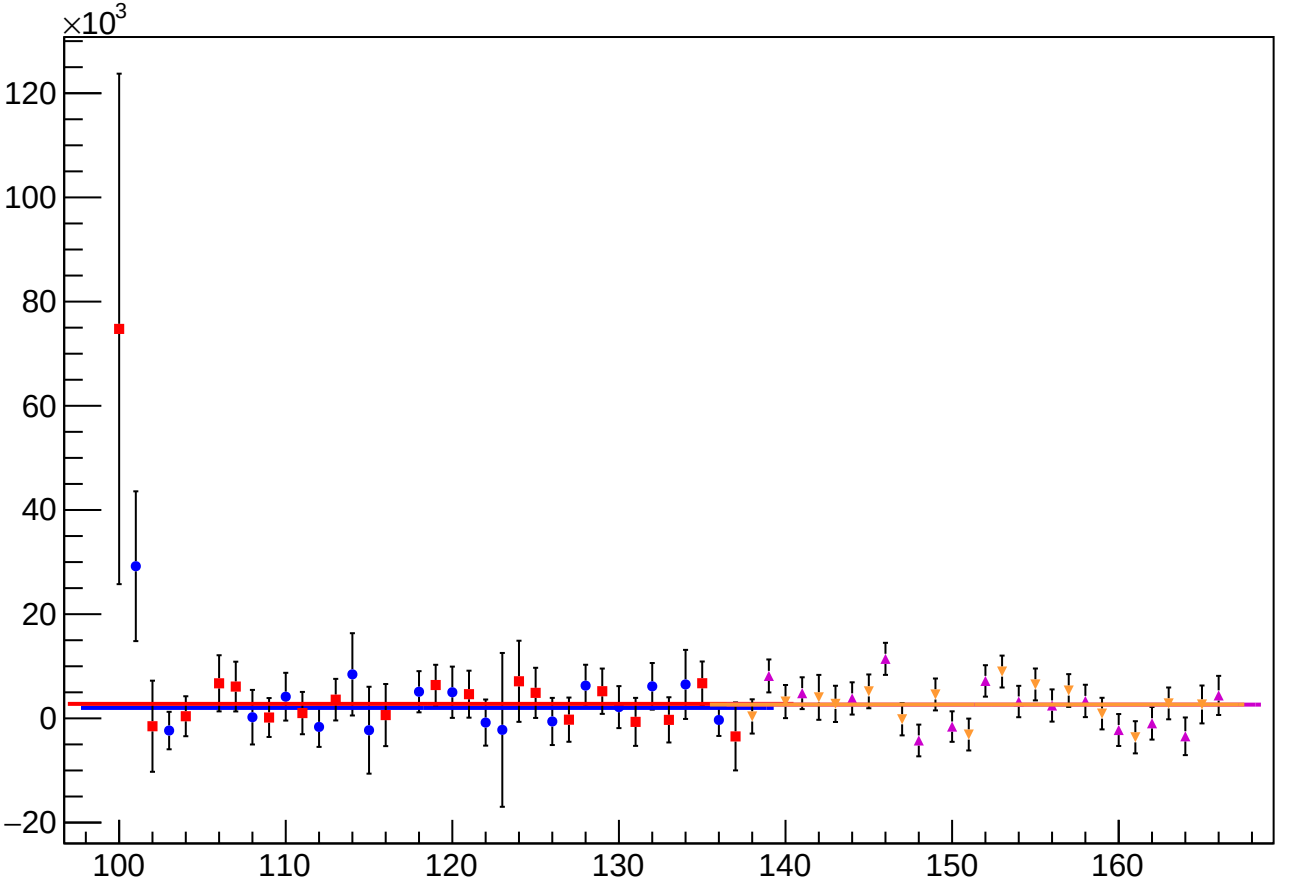
Right: 6290.444+/-1.232 χ^2/NDF: 1129725.5/35

In: 7879.085+/-1.393 χ^2/NDF:3139833.8/30

Out: 7699.169+/-1.343 χ^2/NDF:3135807.0/33

All: 7785.848+/-0.967 χ^2/NDF: 6284290.7/64

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF: 12.1/16

Left Out: 2656.668+/-829.960 χ^2/NDF:17.1/14

Right Out: 2781.006+/-1086.164 χ^2/NDF: 9.9/18

Left In: 2637.444+/-837.421 χ^2/NDF:28.3/13

Left: 2647.142+/-589.491 χ^2/NDF: 45.4/28

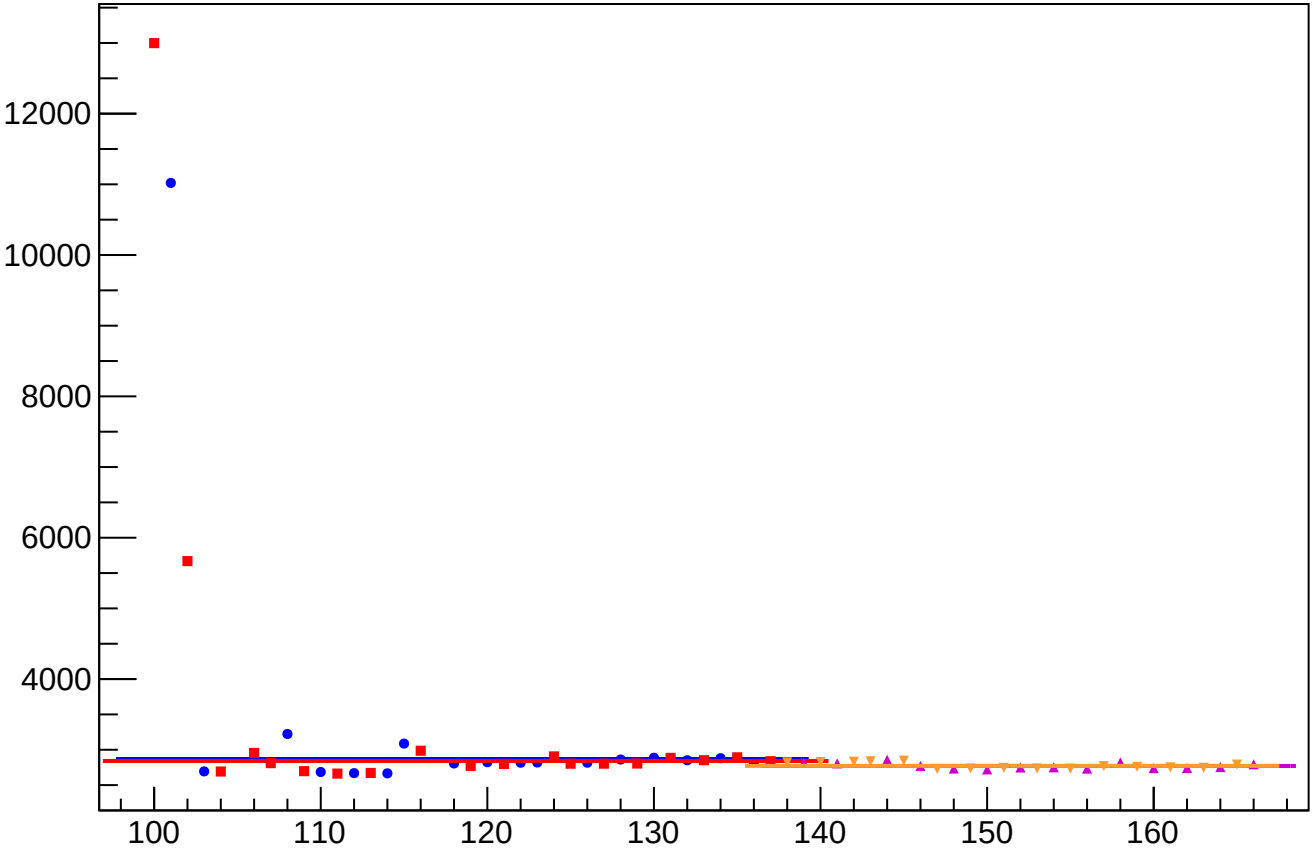
Right: 2409.980+/-784.479 χ^2/NDF: 22.2/35

In: 2414.457+/-673.698 χ^2/NDF:40.5/30

Out: 2702.504+/-659.471 χ^2/NDF:27.0/33

All: 2561.554+/-471.266 χ^2/NDF: 67.6/64

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF: 669900.5/16

Left Out: 2771.971+/-0.587 χ^2/NDF:4952.0/14

Right Out: 2841.561+/-0.768 χ^2/NDF: 312523.0/18

Left In: 2770.544+/-0.592 χ^2/NDF:4764.9/13

Left: 2771.264+/-0.417 χ^2/NDF: 9719.9/28

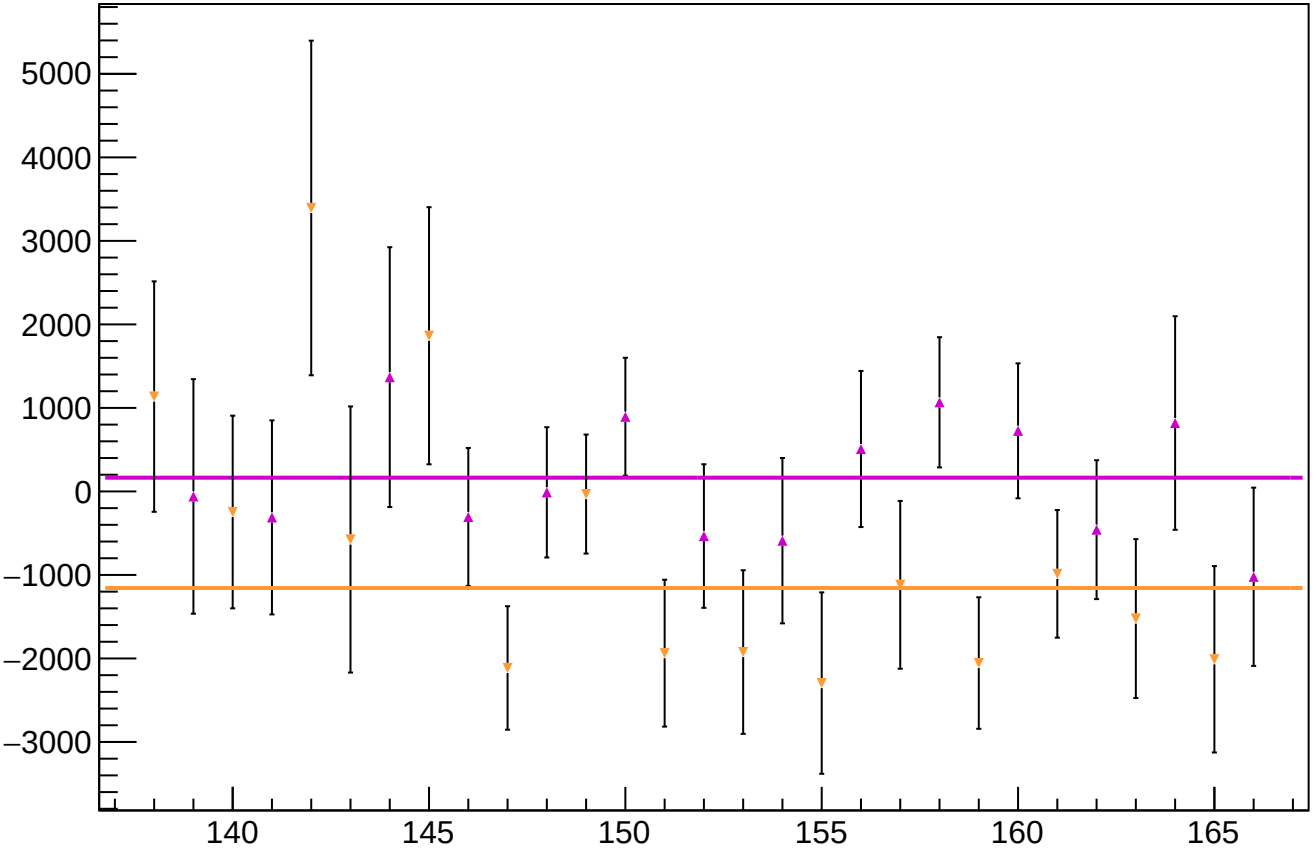
Right: 2854.781+/-0.555 χ^2/NDF: 983042.8/35

In: 2805.348+/-0.476 χ^2/NDF:684457.6/30

Out: 2797.625+/-0.466 χ^2/NDF:322658.3/33

All: 2801.404+/-0.333 χ^2/NDF: 1007250.2/64

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -1156.043+/-253.596 χ^2/NDF:21.3/14

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

Left In: 164.538+/-246.879 χ^2/NDF:7.5/13

Left: -478.031+/-176.897 χ^2/NDF: 42.7/28

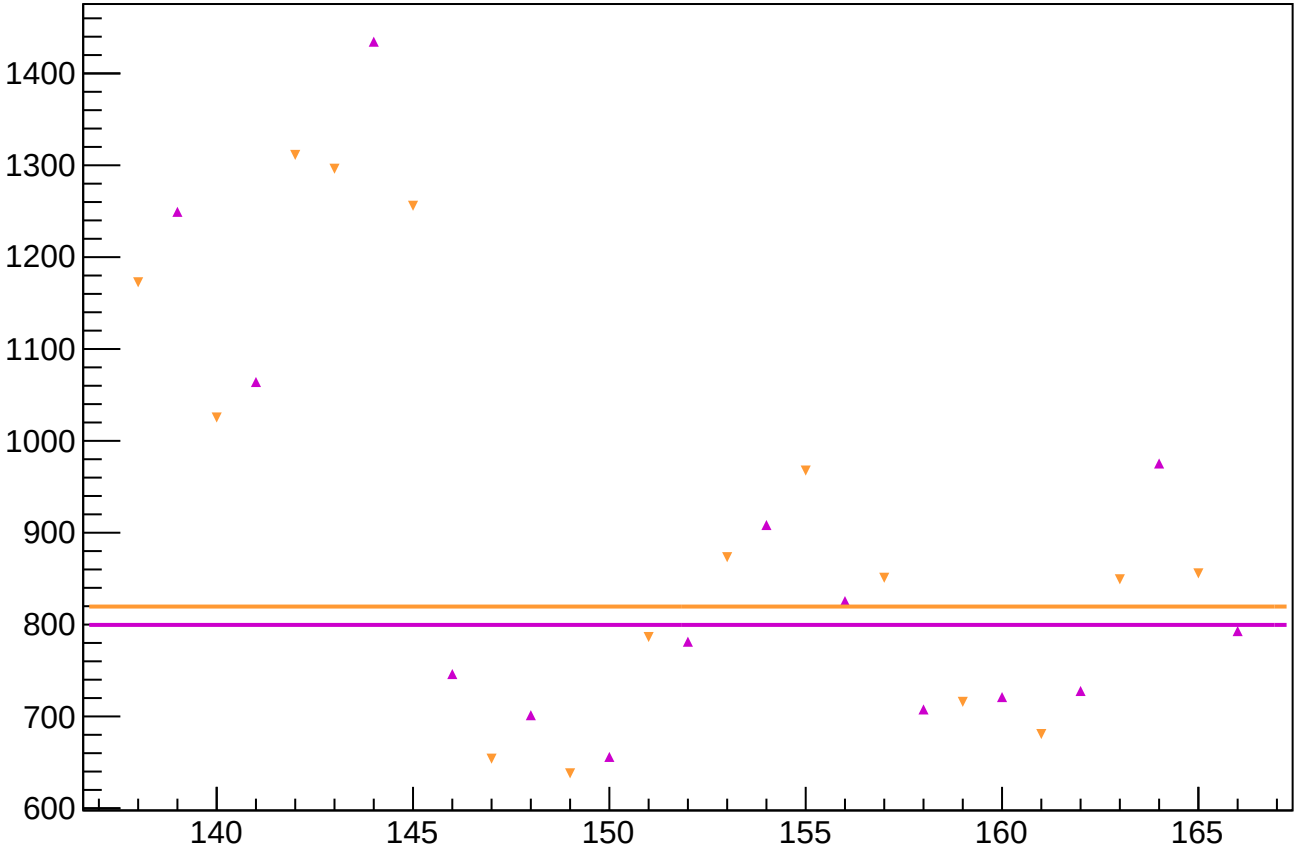
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 164.538+/-246.879 χ^2/NDF:7.5/13

Out: -1156.043+/-253.596 χ^2/NDF:21.3/14

All: -478.031+/-176.897 χ^2/NDF: 42.7/28

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 819.618+/-0.179 χ^2/NDF:1037647.9/14

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

Left In: 799.638+/-0.175 χ^2/NDF:891051.0/13

Left: 809.360+/-0.125 χ^2/NDF: 1935073.1/28

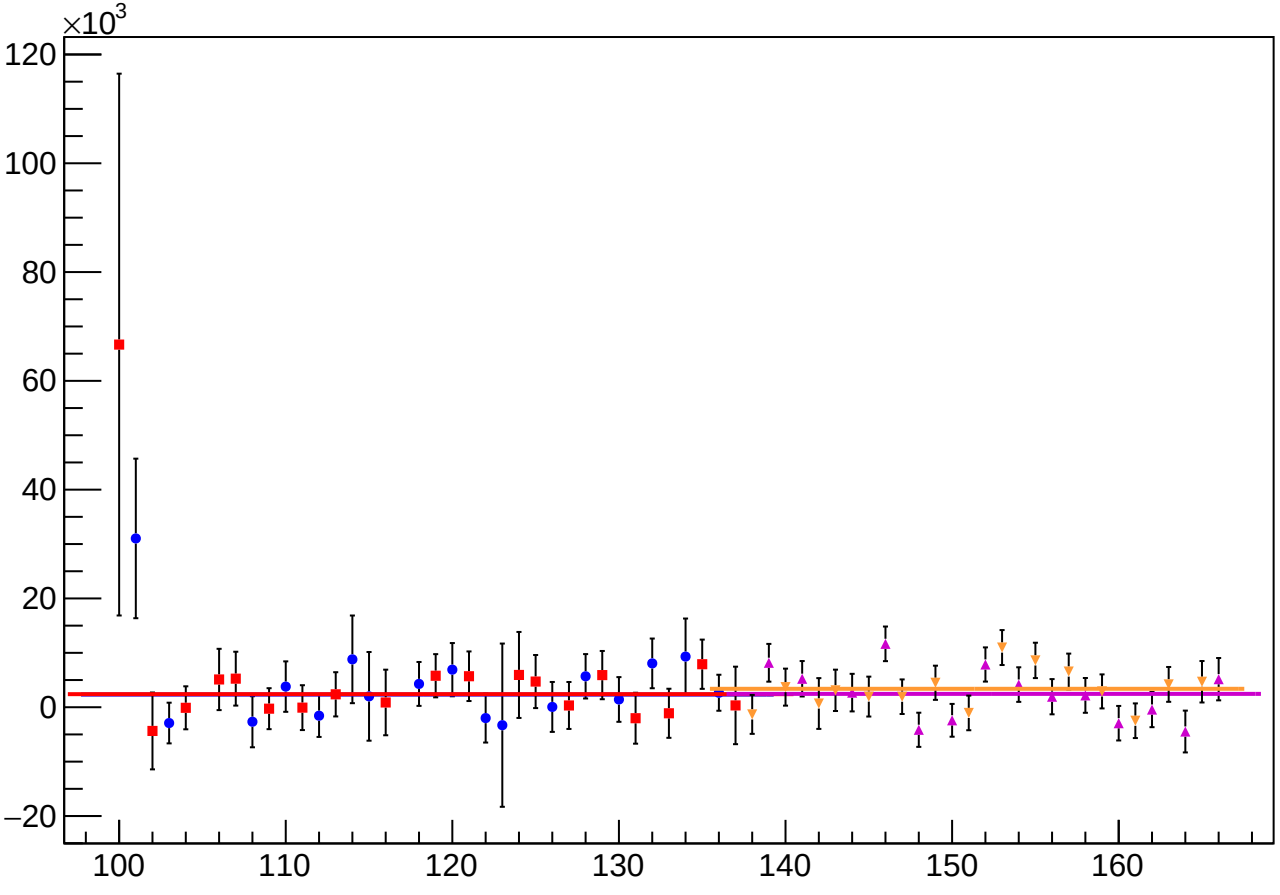
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 799.638+/-0.175 χ^2/NDF:891051.0/13

Out: 819.618+/-0.179 χ^2/NDF:1037647.9/14

All: 809.360+/-0.125 χ^2/NDF: 1935073.1/28

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF: 14.4/16

Left Out: 3389.163+/-875.839 χ^2/NDF:17.2/14

Right Out: 2403.750+/-1110.093 χ^2/NDF: 10.1/18

Left In: 2454.945+/-879.483 χ^2/NDF:29.5/13

Left: 2923.993+/-620.596 χ^2/NDF: 47.2/28

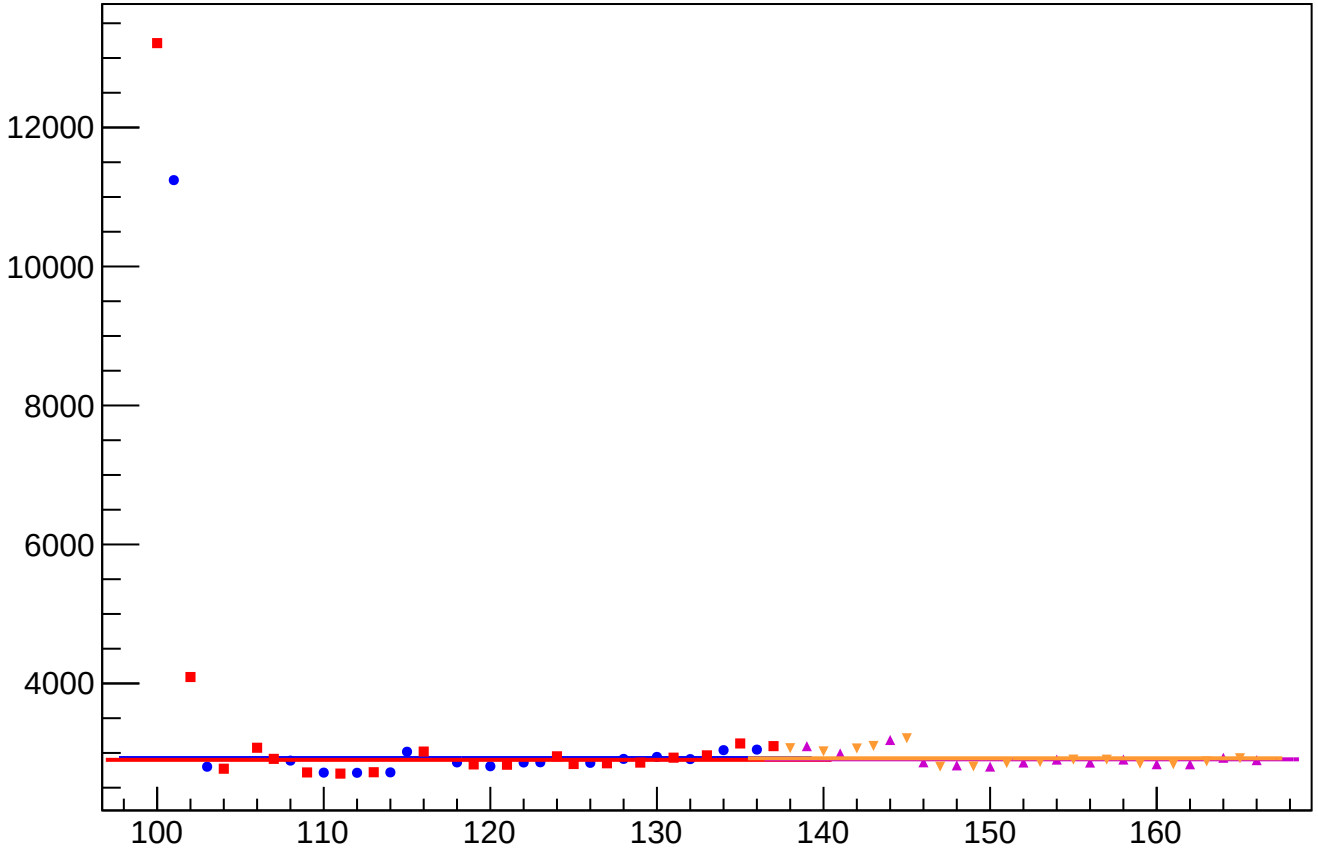
Right: 2368.450+/-800.876 χ^2/NDF: 24.5/35

In: 2409.215+/-700.065 χ^2/NDF:43.9/30

Out: 3011.097+/-687.597 χ^2/NDF:27.7/33

All: 2715.563+/-490.553 χ^2/NDF: 72.0/64

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF: 662794.4/16

Left Out: 2922.911+/-0.619 χ^2/NDF:33890.5/14

Right Out: 2900.827+/-0.785 χ^2/NDF: 169866.6/18

Left In: 2908.130+/-0.622 χ^2/NDF:27428.0/13

Left: 2915.551+/-0.439 χ^2/NDF: 61602.1/28

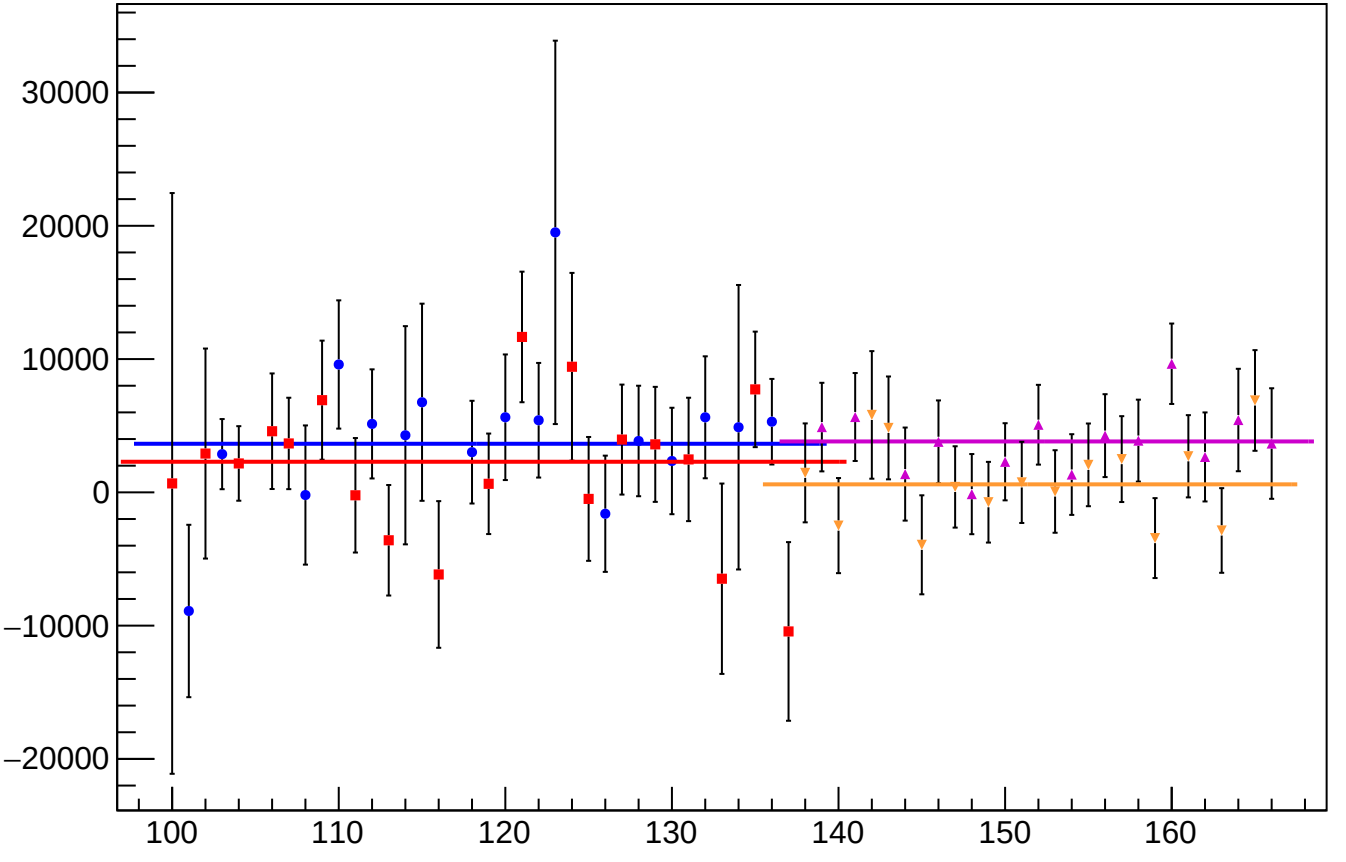
Right: 2913.190+/-0.566 χ^2/NDF: 833178.3/35

In: 2914.901+/-0.495 χ^2/NDF:690545.9/30

Out: 2914.438+/-0.486 χ^2/NDF:204244.9/33

All: 2914.665+/-0.347 χ^2/NDF: 894791.3/64

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF: 9.9/16

Left Out: 600.721+/-861.033 χ^2/NDF:11.7/14

Right Out: 2295.846+/-1046.865 χ^2/NDF: 18.4/18

Left In: 3819.187+/-859.536 χ^2/NDF:7.8/13

Left: 2212.754+/-608.312 χ^2/NDF: 26.5/28

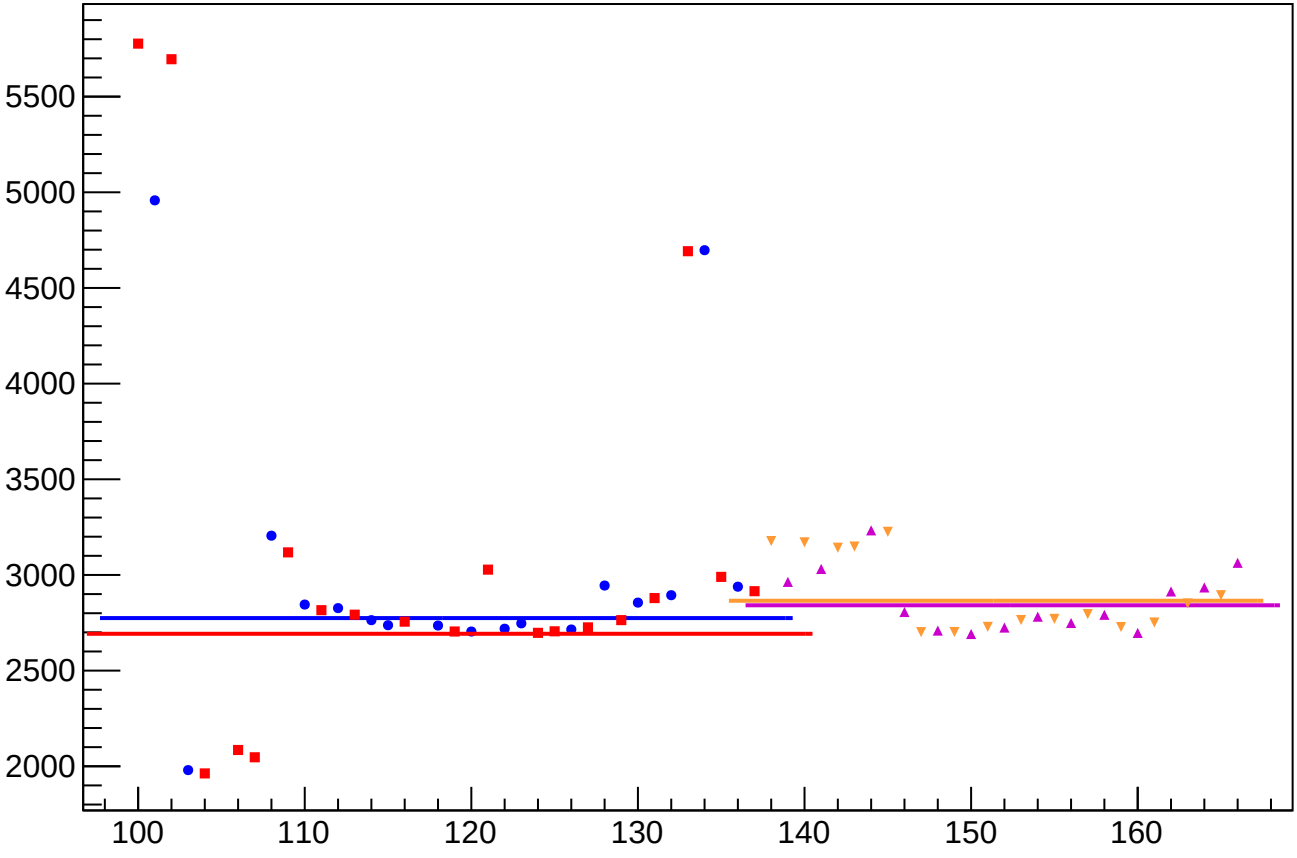
Right: 2942.410+/-755.528 χ^2/NDF: 29.1/35

In: 3752.616+/-675.286 χ^2/NDF:17.7/30

Out: 1284.727+/-664.997 χ^2/NDF:31.7/33

All: 2499.729+/-473.820 χ^2/NDF: 56.2/64

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF: 501680.3/16

Left Out: 2865.184+/-0.609 χ^2/NDF:92685.8/14

Right Out: 2692.509+/-0.740 χ^2/NDF: 780267.3/18

Left In: 2841.445+/-0.608 χ^2/NDF:62522.3/13

Left: 2853.294+/-0.430 χ^2/NDF: 155969.4/28

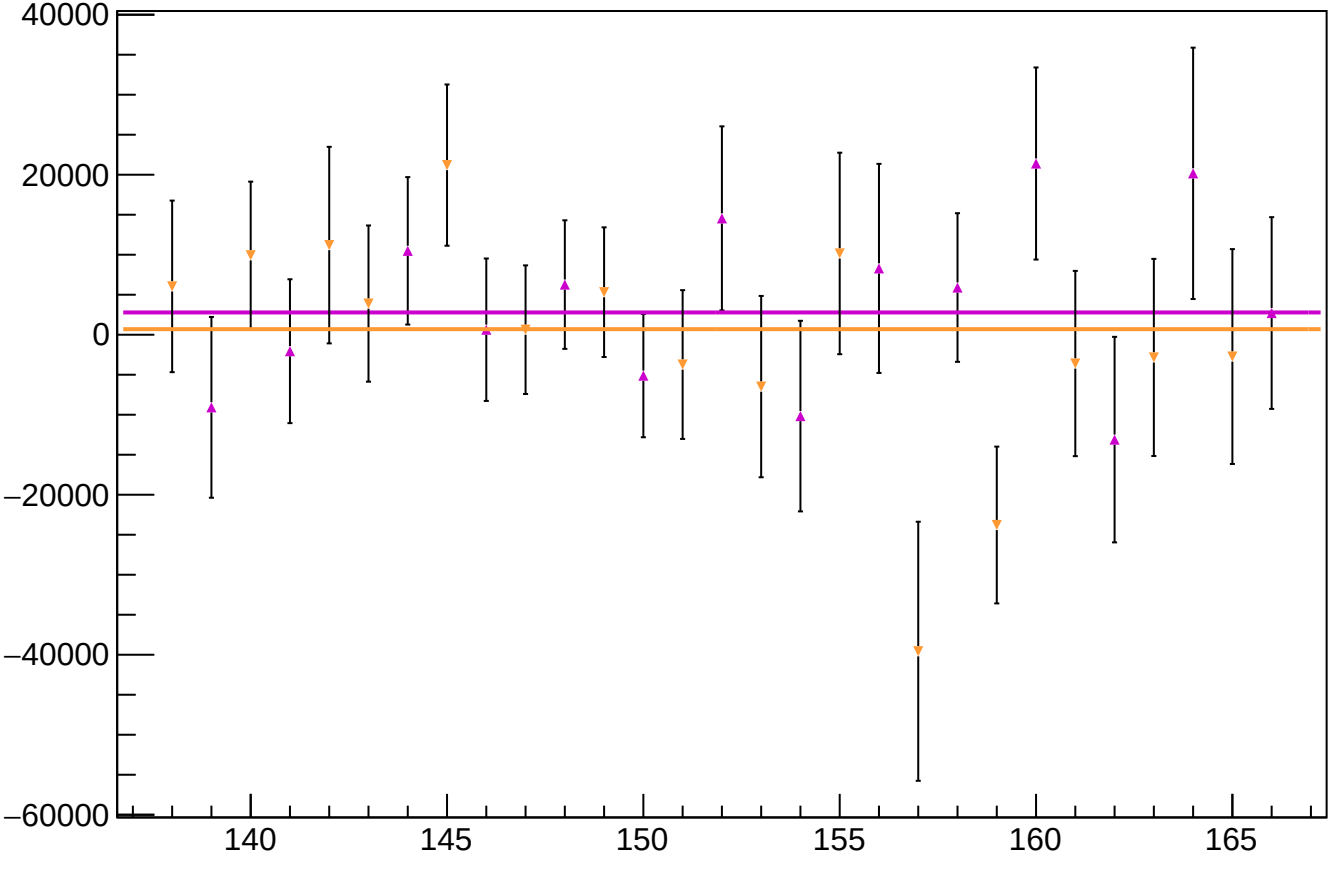
Right: 2731.837+/-0.534 χ^2/NDF: 1287844.4/35

In: 2815.865+/-0.477 χ^2/NDF:568830.1/30

Out: 2795.480+/-0.470 χ^2/NDF:905422.3/33

All: 2805.515+/-0.335 χ^2/NDF: 1475177.8/64

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 693.962+/-2695.311 χ^2/NDF:20.5/14

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

Left In: 2785.179+/-2741.858 χ^2/NDF:11.1/13

Left: 1721.669+/-1922.118 χ^2/NDF: 31.8/28

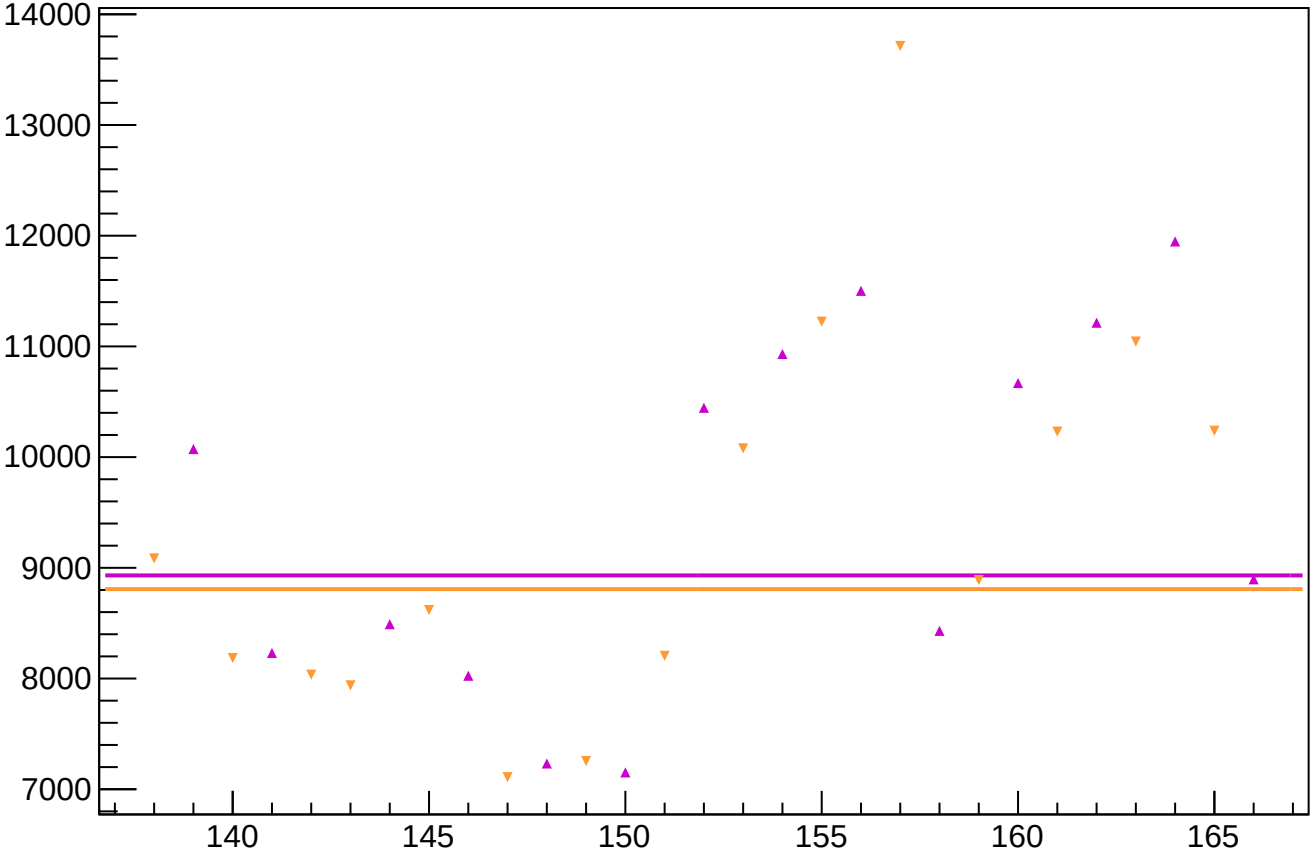
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2785.179+/-2741.858 χ^2/NDF:11.1/13

Out: 693.962+/-2695.311 χ^2/NDF:20.5/14

All: 1721.669+/-1922.118 χ^2/NDF: 31.8/28

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8807.797+/-1.906 χ^2/NDF:607525.2/14

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

Left In: 8931.410+/-1.939 χ^2/NDF:607132.7/13

Left: 8868.545+/-1.359 χ^2/NDF: 1216725.2/28

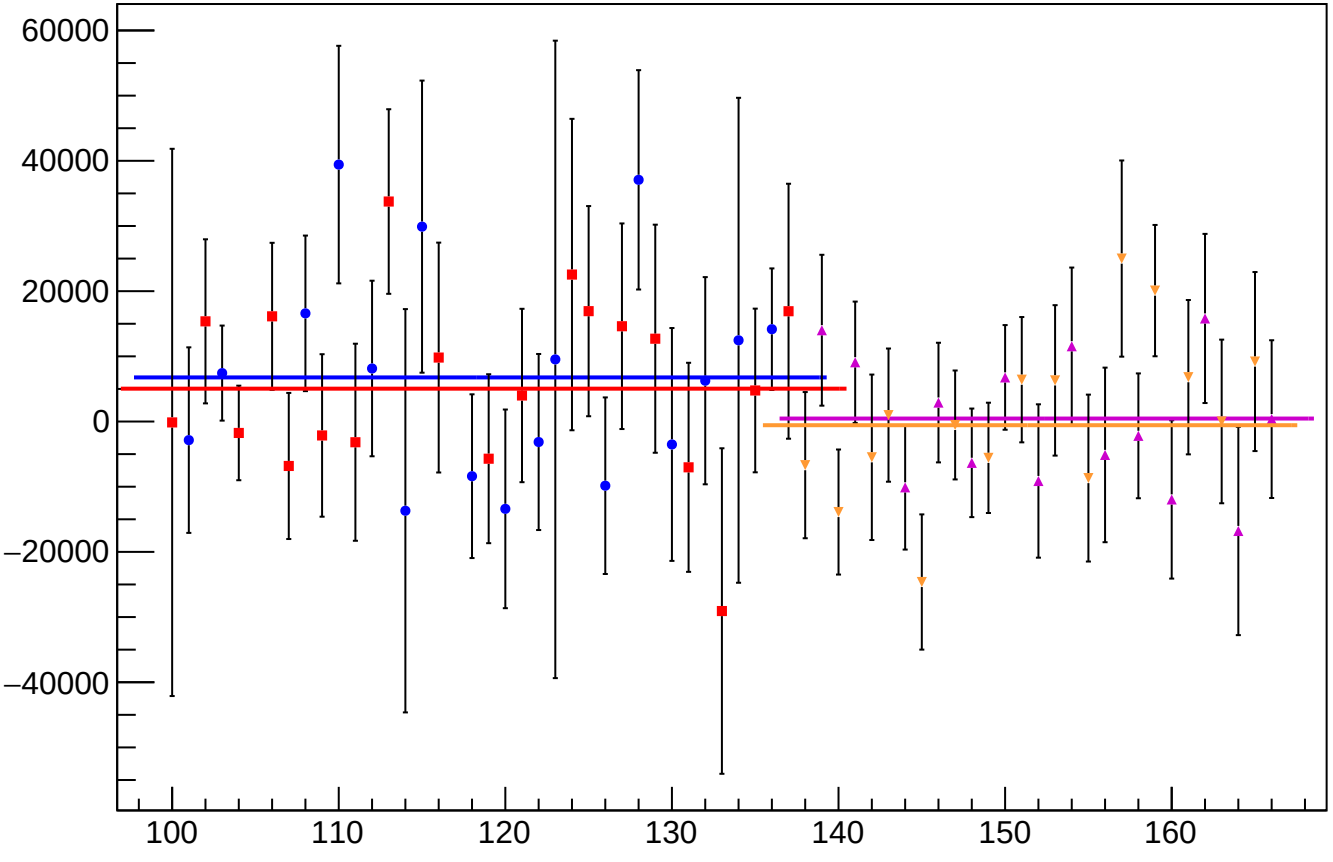
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8931.410+/-1.939 χ^2/NDF:607132.7/13

Out: 8807.797+/-1.906 χ^2/NDF:607525.2/14

All: 8868.545+/-1.359 χ^2/NDF: 1216725.2/28

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF: 15.3/16

Left Out: -565.180+/-2777.104 χ^2/NDF:17.4/14

Right Out: 5041.440+/-3167.616 χ^2/NDF: 13.6/18

Left In: 456.857+/-2819.397 χ^2/NDF:10.2/13

Left: -61.884+/-1978.493 χ^2/NDF: 27.6/28

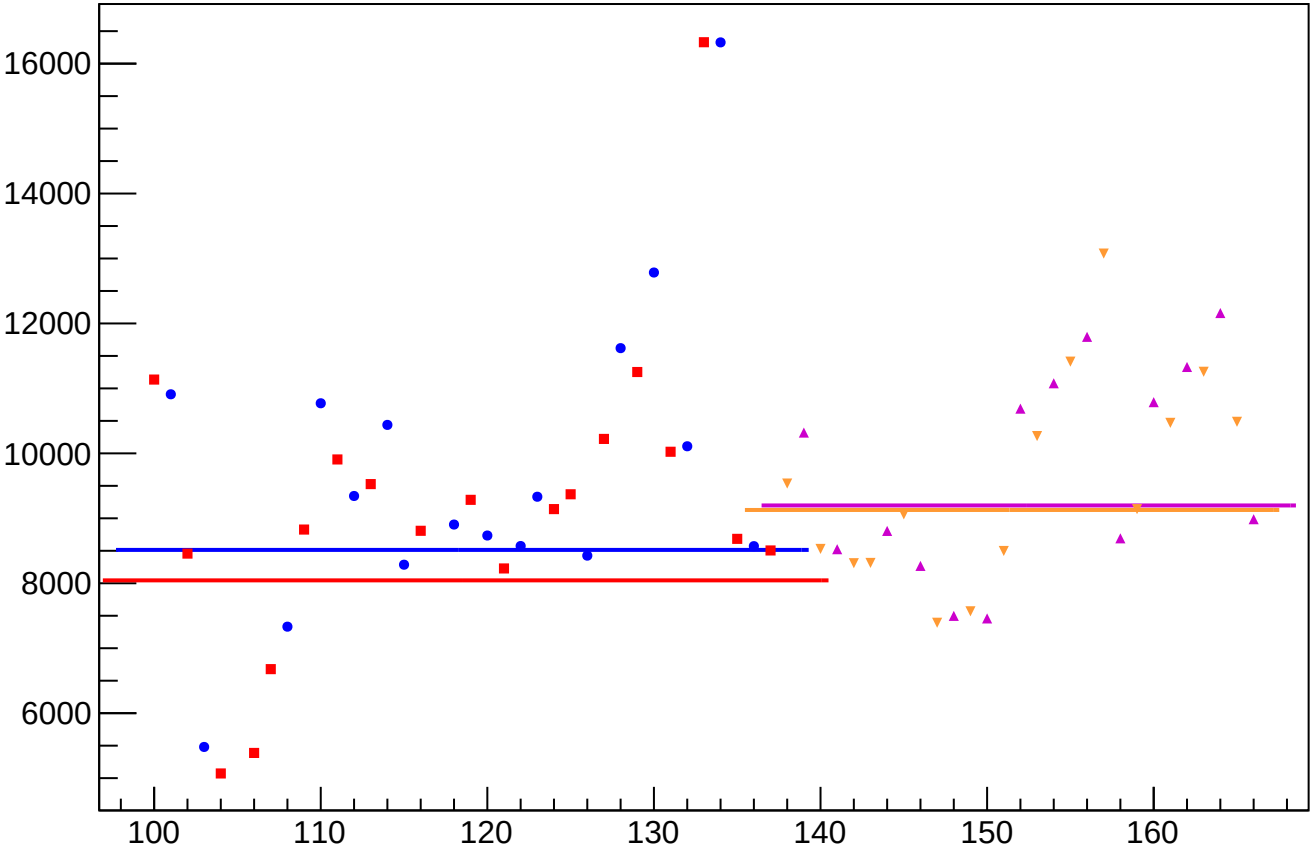
Right: 5846.682+/-2313.559 χ^2/NDF: 29.1/35

In: 3039.663+/-2166.933 χ^2/NDF:27.6/30

Out: 1871.411+/-2088.206 χ^2/NDF:32.8/33

All: 2433.930+/-1503.646 χ^2/NDF: 60.5/64

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF: 762614.5/16

Left Out: 9128.456+/-1.964 χ^2/NDF:517876.8/14

Right Out: 8044.739+/-2.240 χ^2/NDF: 952310.5/18

Left In: 9198.055+/-1.994 χ^2/NDF:549337.6/13

Left: 9162.730+/-1.399 χ^2/NDF: 1067833.0/28

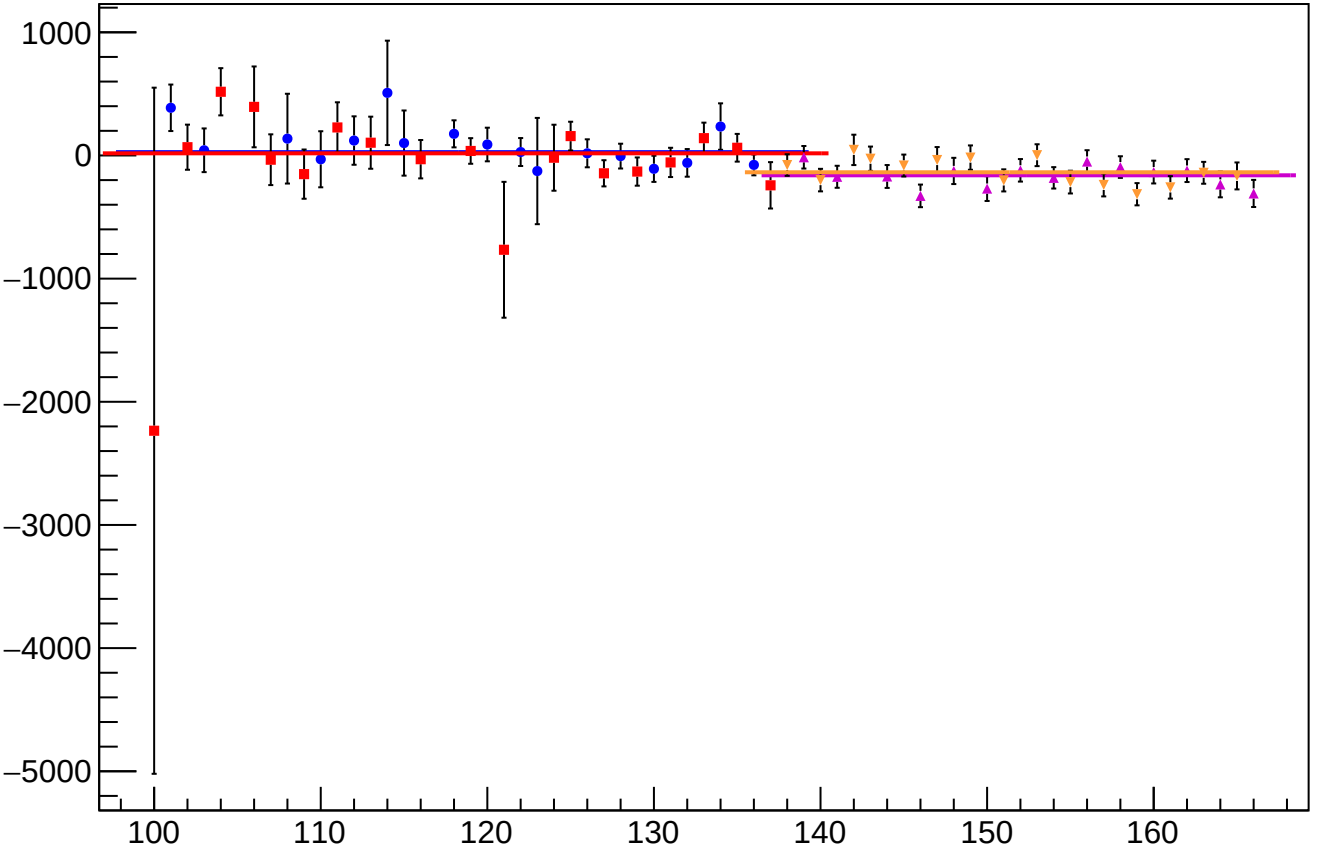
Right: 8263.507+/-1.636 χ^2/NDF: 1735374.5/35

In: 8917.945+/-1.532 χ^2/NDF:1360185.7/30

Out: 8657.462+/-1.477 χ^2/NDF:1602553.3/33

All: 8782.884+/-1.063 χ^2/NDF: 2977723.7/64

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932+/-34.029 χ^2/NDF: 12.6/16

Left Out: -136.445+/-24.438 χ^2/NDF:17.8/14

Right Out: 17.368+/-35.548 χ^2/NDF: 21.9/18

Left In: -161.008+/-25.214 χ^2/NDF:12.0/13

Left: -148.342+/-17.548 χ^2/NDF: 30.3/28

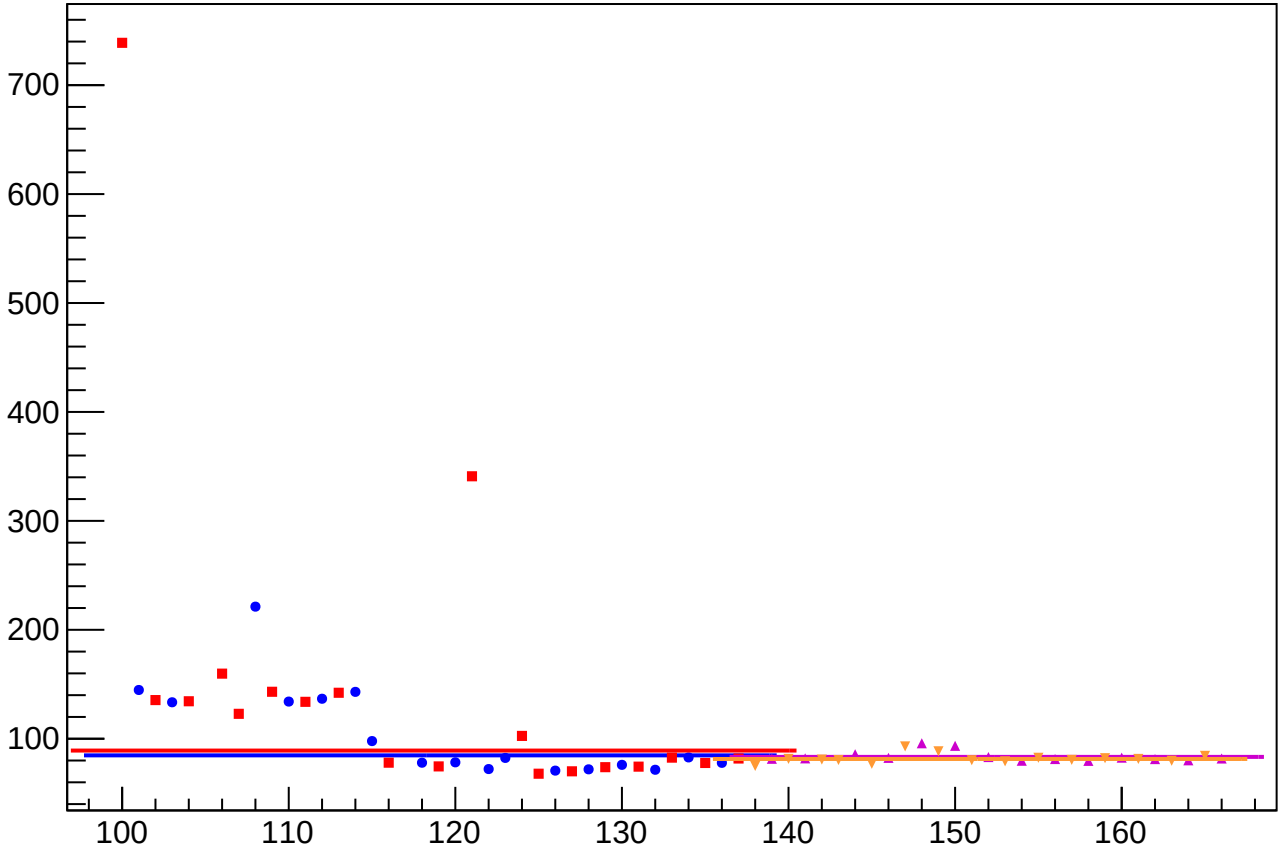
Right: 22.359+/-24.581 χ^2/NDF: 34.5/35

In: -94.395+/-20.259 χ^2/NDF:44.3/30

Out: -87.082+/-20.138 χ^2/NDF:52.4/33

All: -90.716+/-14.282 χ^2/NDF: 96.7/64

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF: 1064420.0/16

Left Out: 81.417+/-0.017 χ^2/NDF:54108.5/14

Right Out: 89.143+/-0.025 χ^2/NDF: 1559269.8/18

Left In: 83.336+/-0.018 χ^2/NDF:61589.0/13

Left: 82.346+/-0.012 χ^2/NDF: 121670.4/28

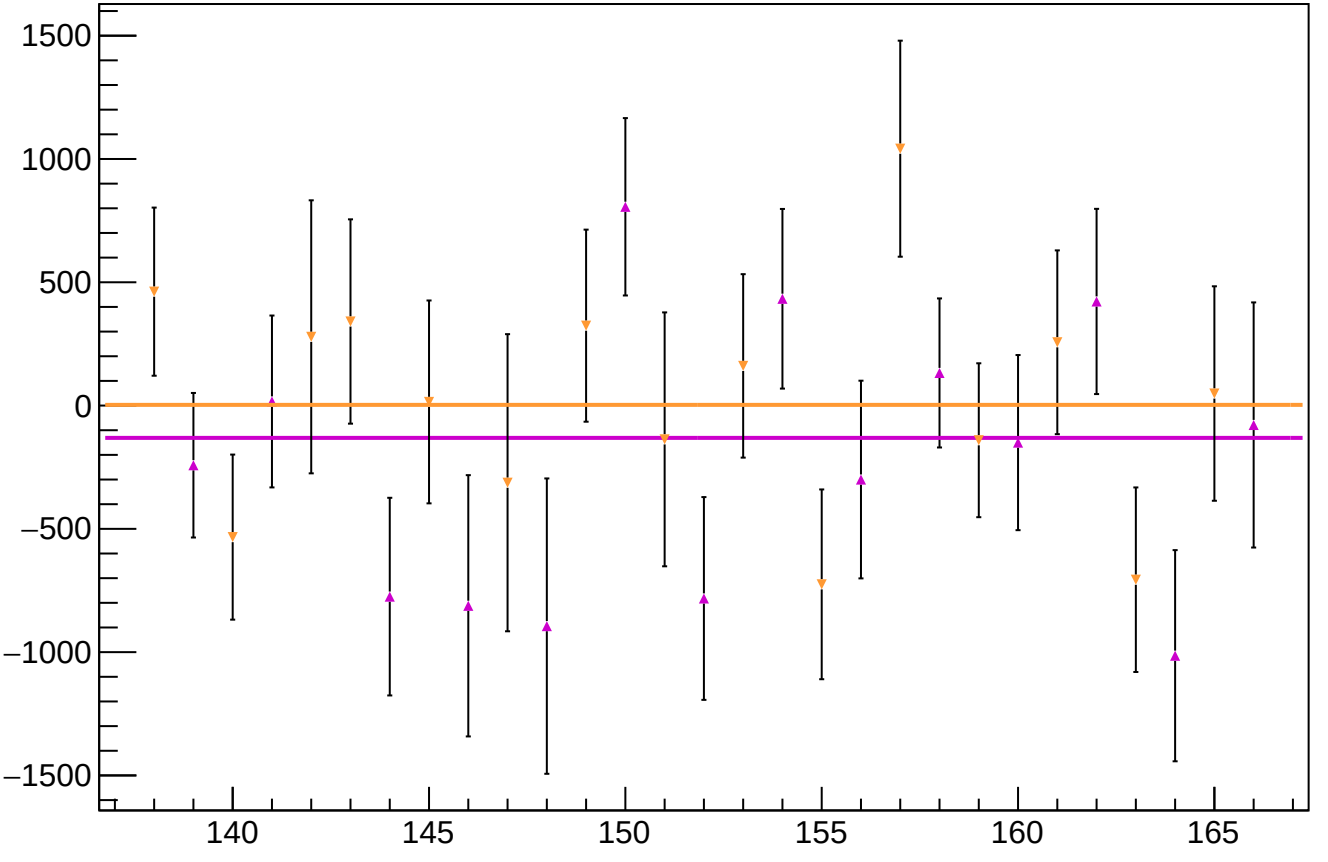
Right: 86.844+/-0.017 χ^2/NDF: 2639723.0/35

In: 83.832+/-0.014 χ^2/NDF:1128198.9/30

Out: 83.896+/-0.014 χ^2/NDF:1677538.9/33

All: 83.865+/-0.010 χ^2/NDF: 2805747.9/64

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 2.813+/-102.741 χ^2/NDF:20.0/14

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

Left In: -131.058+/-102.428 χ^2/NDF:25.3/13

Left: -64.327+/-72.538 χ^2/NDF: 46.1/28

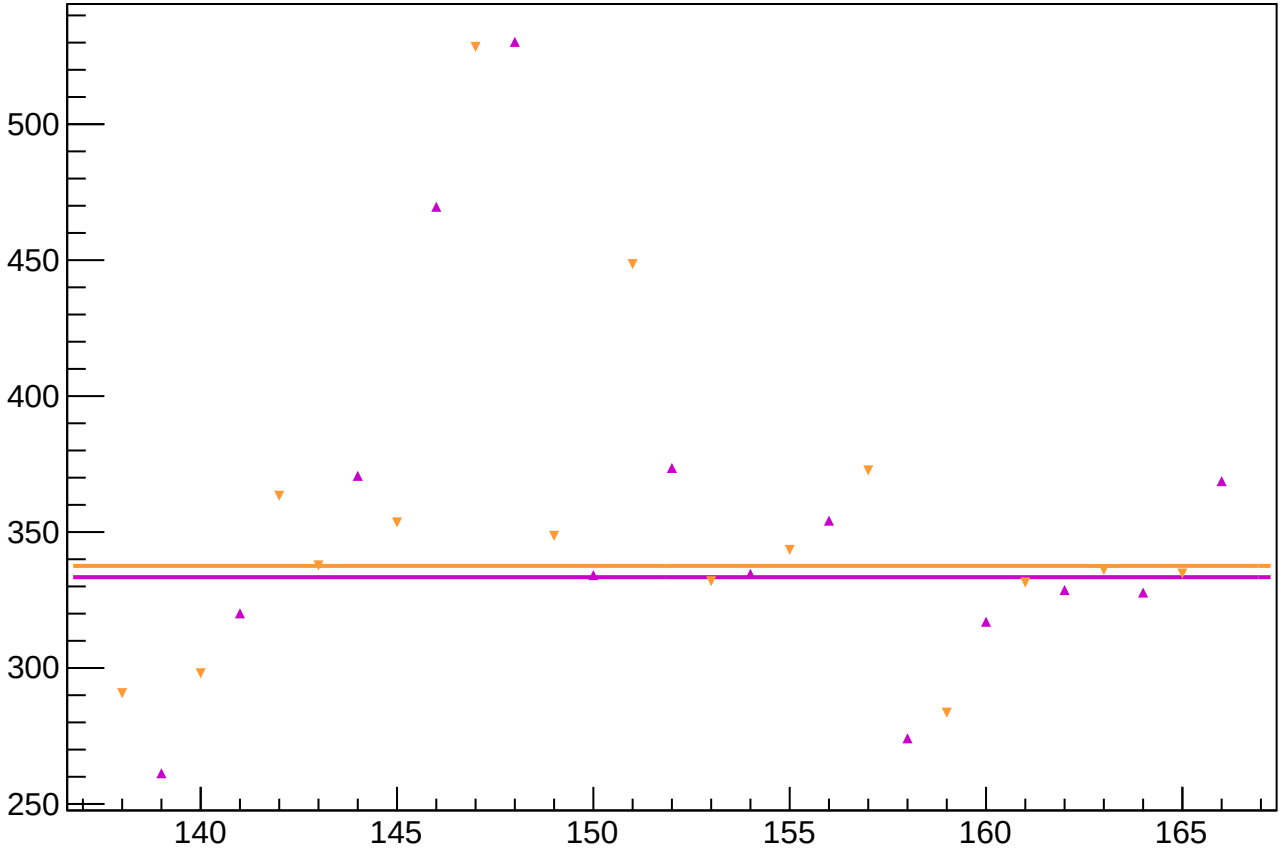
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -131.058+/-102.428 χ^2/NDF:25.3/13

Out: 2.813+/-102.741 χ^2/NDF:20.0/14

All: -64.327+/-72.538 χ^2/NDF: 46.1/28

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 337.544+/-0.073 χ^2/NDF:442430.9/14

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

Left In: 333.410+/-0.072 χ^2/NDF:605971.3/13

Left: 335.471+/-0.051 χ^2/NDF: 1050026.8/28

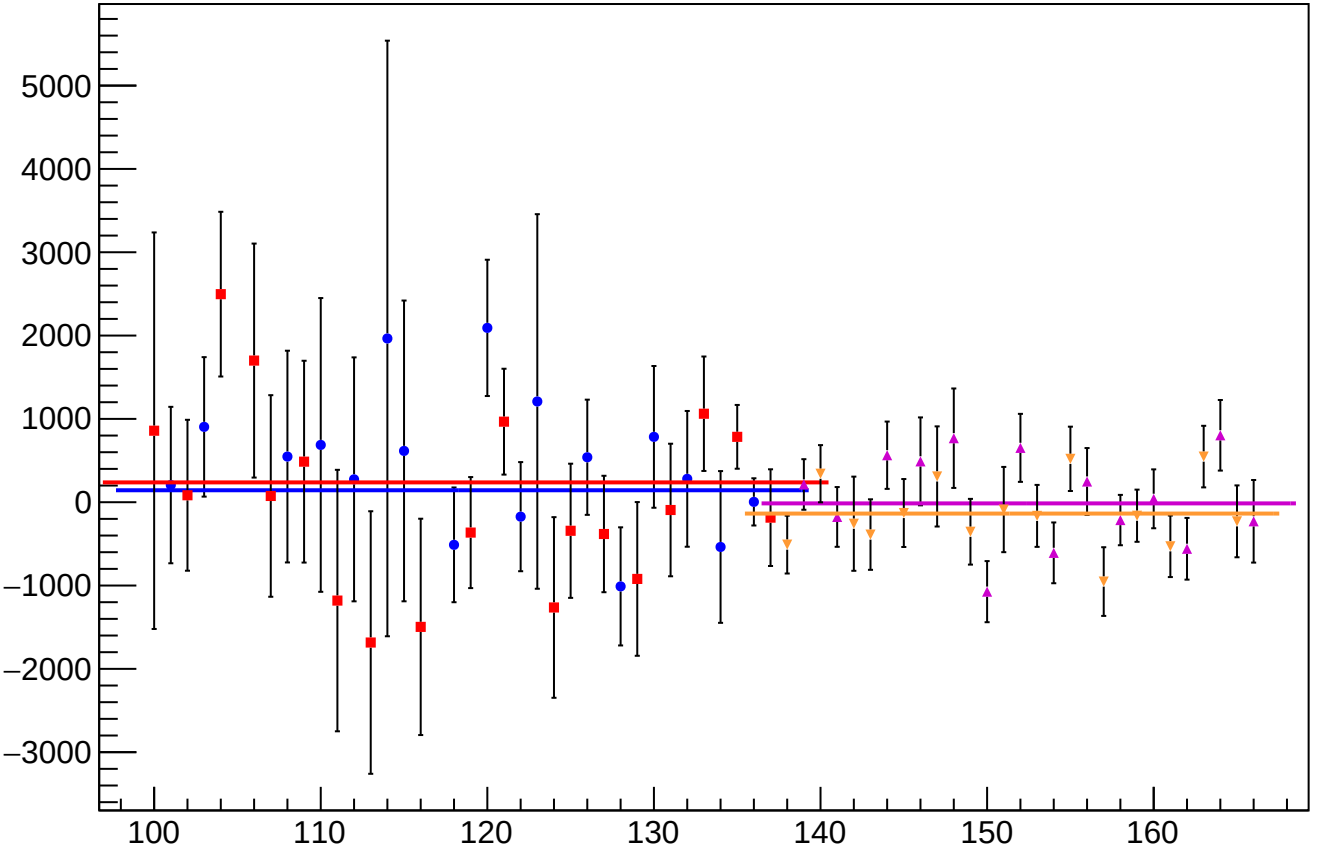
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 333.410+/-0.072 χ^2/NDF:605971.3/13

Out: 337.544+/-0.073 χ^2/NDF:442430.9/14

All: 335.471+/-0.051 χ^2/NDF: 1050026.8/28

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF: 12.8/16

Left Out: -136.331+/-102.816 χ^2/NDF:15.8/14

Right Out: 237.821+/-183.995 χ^2/NDF: 21.7/18

Left In: -14.060+/-103.025 χ^2/NDF:26.1/13

Left: -75.320+/-72.776 χ^2/NDF: 42.6/28

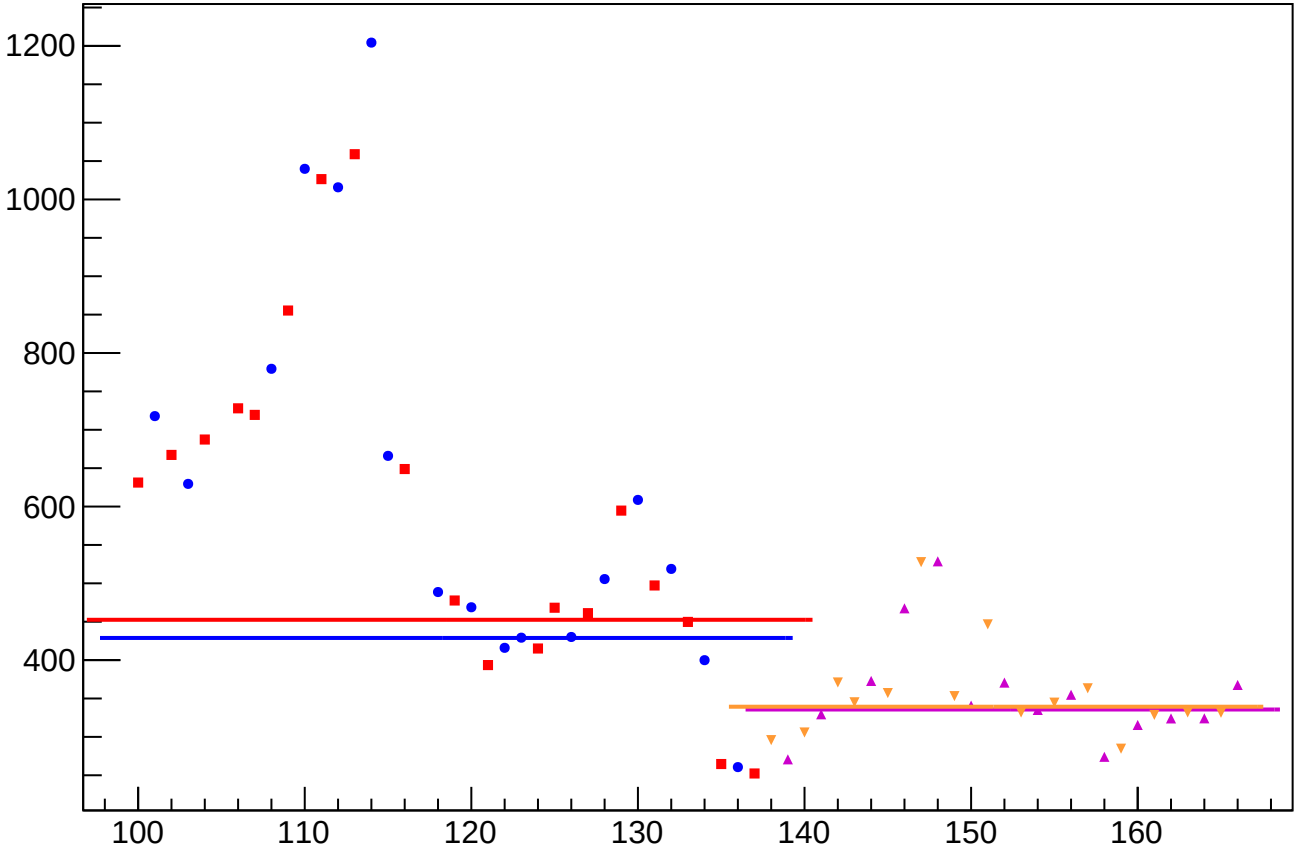
Right: 189.418+/-128.389 χ^2/NDF: 34.6/35

In: 25.065+/-89.321 χ^2/NDF:39.4/30

Out: -47.300+/-89.754 χ^2/NDF:40.6/33

All: -10.942+/-63.312 χ^2/NDF: 80.4/64

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF: 2012329.6/16

Left Out: 339.295+/-0.073 χ^2/NDF:419801.6/14

Right Out: 452.517+/-0.130 χ^2/NDF: 2039238.5/18

Left In: 335.654+/-0.073 χ^2/NDF:564201.9/13

Left: 337.478+/-0.051 χ^2/NDF: 985255.2/28

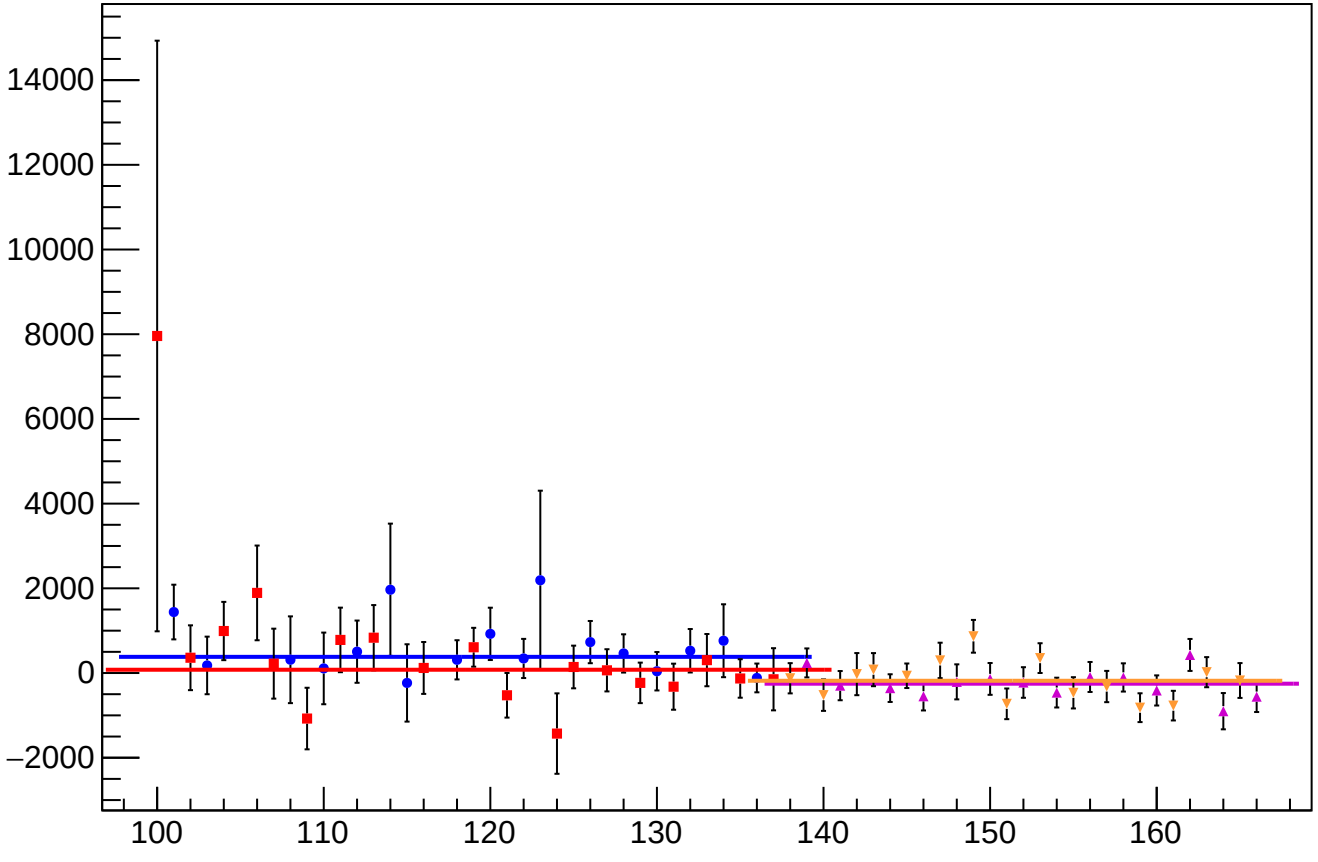
Right: 440.377+/-0.091 χ^2/NDF: 4068538.6/35

In: 358.800+/-0.063 χ^2/NDF:2983014.9/30

Out: 366.237+/-0.063 χ^2/NDF:3036152.9/33

All: 362.501+/-0.045 χ^2/NDF: 6026066.6/64

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF: 9.4/16

Left Out: -183.125+/-94.895 χ^2/NDF:22.2/14

Right Out: 77.490+/-143.469 χ^2/NDF: 16.8/18

Left In: -252.106+/-95.868 χ^2/NDF:10.3/13

Left: -217.264+/-67.442 χ^2/NDF: 32.7/28

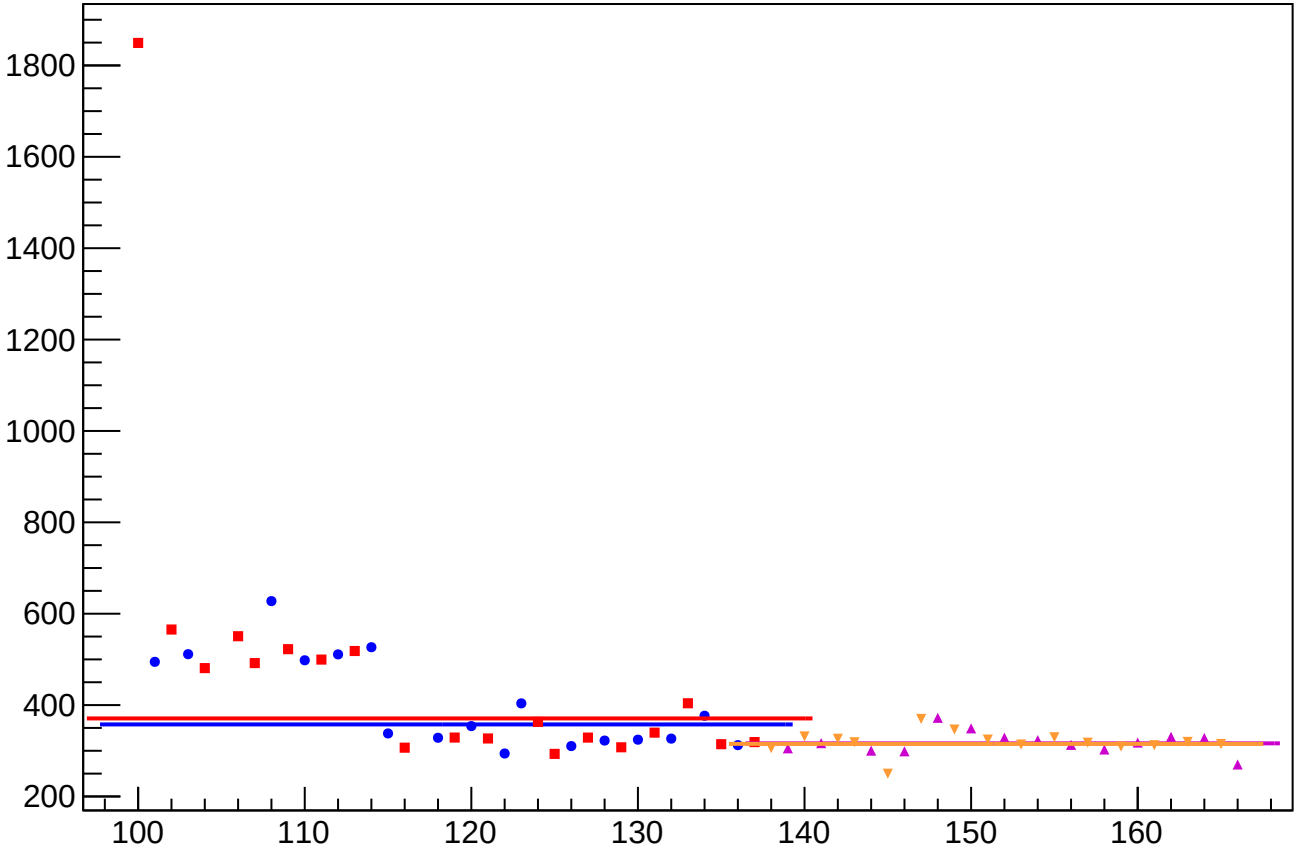
Right: 232.126+/-100.633 χ^2/NDF: 28.5/35

In: -52.049+/-79.313 χ^2/NDF:33.5/30

Out: -103.809+/-79.148 χ^2/NDF:41.3/33

All: -77.983+/-56.024 χ^2/NDF: 75.0/64

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664+/-0.100 χ^2/NDF: 629671.7/16

Left Out: 315.113+/-0.067 χ^2/NDF:160935.6/14

Right Out: 370.794+/-0.101 χ^2/NDF: 784786.3/18

Left In: 316.258+/-0.068 χ^2/NDF:107409.0/13

Left: 315.680+/-0.048 χ^2/NDF: 268488.7/28

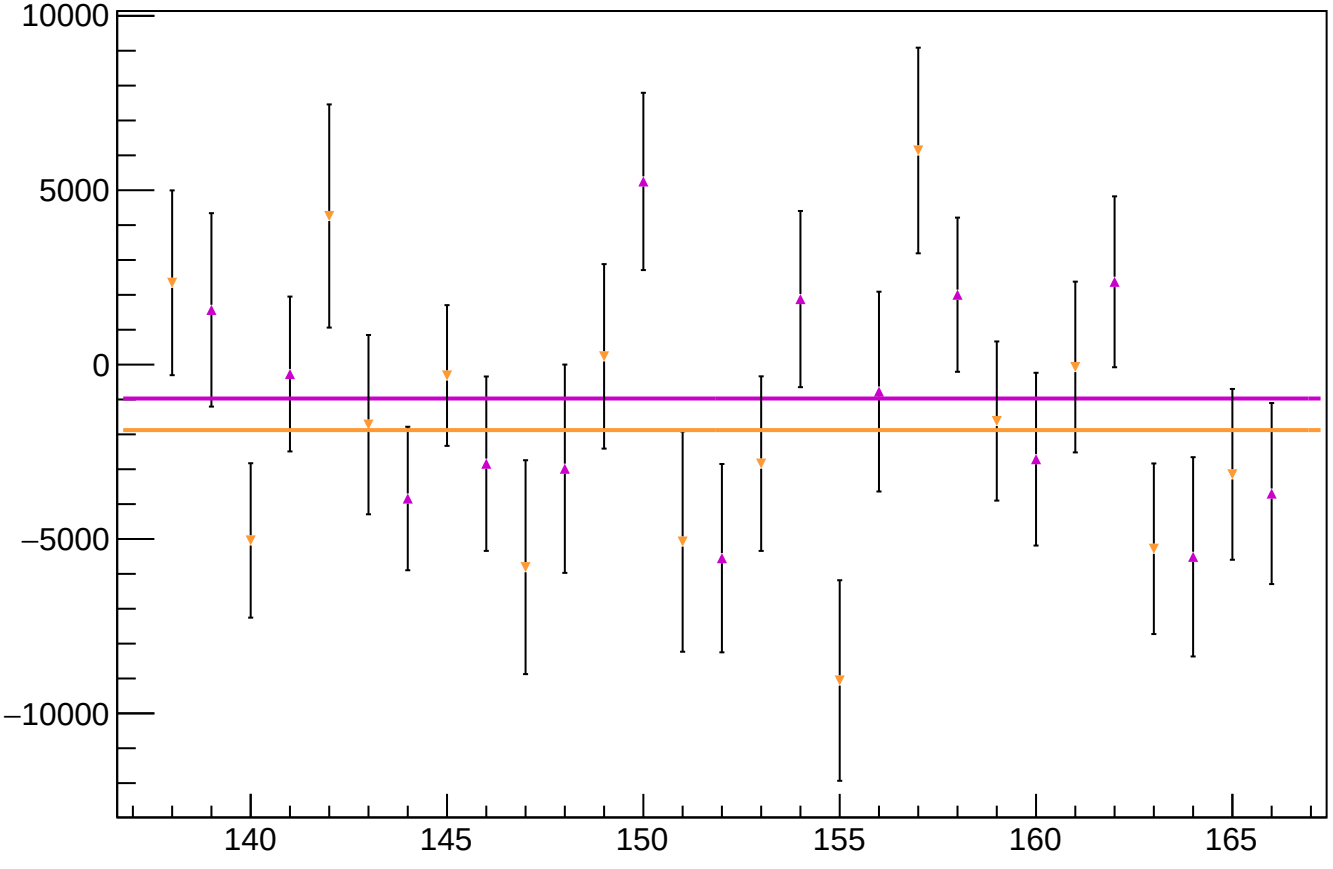
Right: 364.124+/-0.071 χ^2/NDF: 1422966.9/35

In: 329.324+/-0.056 χ^2/NDF:854807.2/30

Out: 332.059+/-0.056 χ^2/NDF:1155284.8/33

All: 330.695+/-0.040 χ^2/NDF: 2011284.1/64

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1877.799+/-662.414 χ^2/NDF:28.7/14

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

Left In: -972.088+/-671.602 χ^2/NDF:21.8/13

Left: -1431.182+/-471.612 χ^2/NDF: 51.5/28

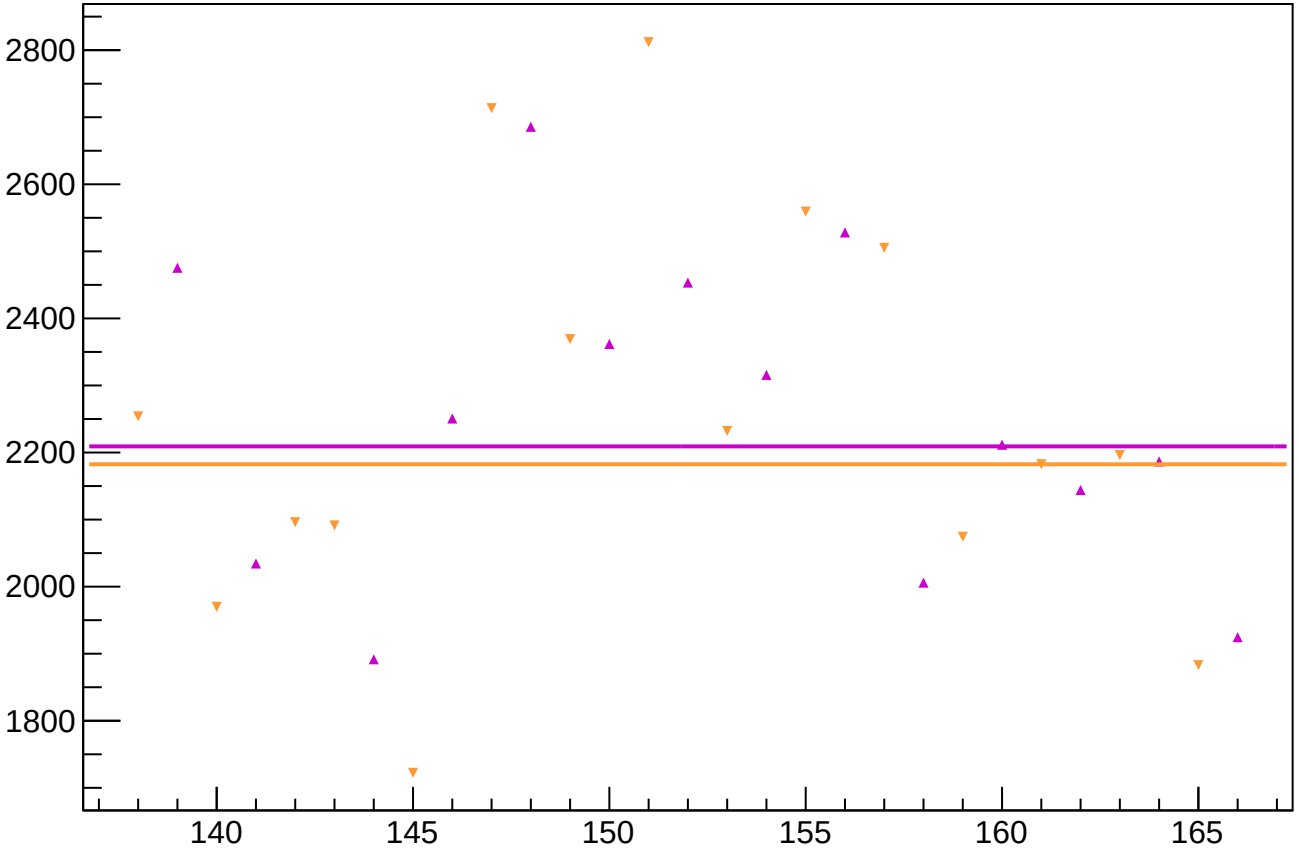
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -972.088+/-671.602 χ^2/NDF:21.8/13

Out: -1877.799+/-662.414 χ^2/NDF:28.7/14

All: -1431.182+/-471.612 χ^2/NDF: 51.5/28

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2182.465+/-0.468 χ^2/NDF:370716.6/14

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

Left In: 2209.169+/-0.475 χ^2/NDF:224365.8/13

Left: 2195.633+/-0.333 χ^2/NDF: 596685.1/28

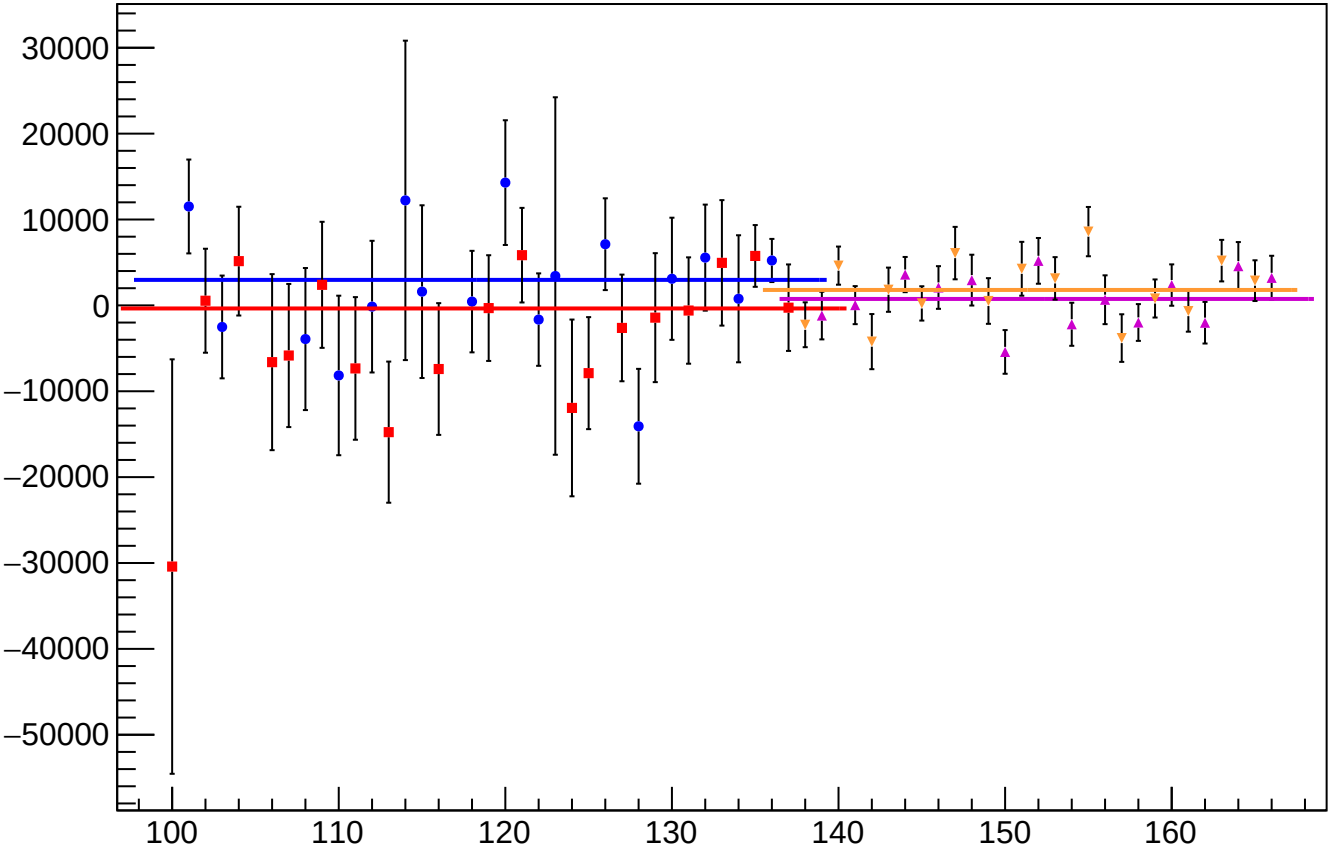
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2209.169+/-0.475 χ^2/NDF:224365.8/13

Out: 2182.465+/-0.468 χ^2/NDF:370716.6/14

All: 2195.633+/-0.333 χ^2/NDF: 596685.1/28

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF: 17.4/16

Left Out: 1796.437+/-653.824 χ^2/NDF:24.4/14

Right Out: -358.685+/-1507.064 χ^2/NDF: 15.3/18

Left In: 748.852+/-664.413 χ^2/NDF:19.5/13

Left: 1281.059+/-466.022 χ^2/NDF: 45.2/28

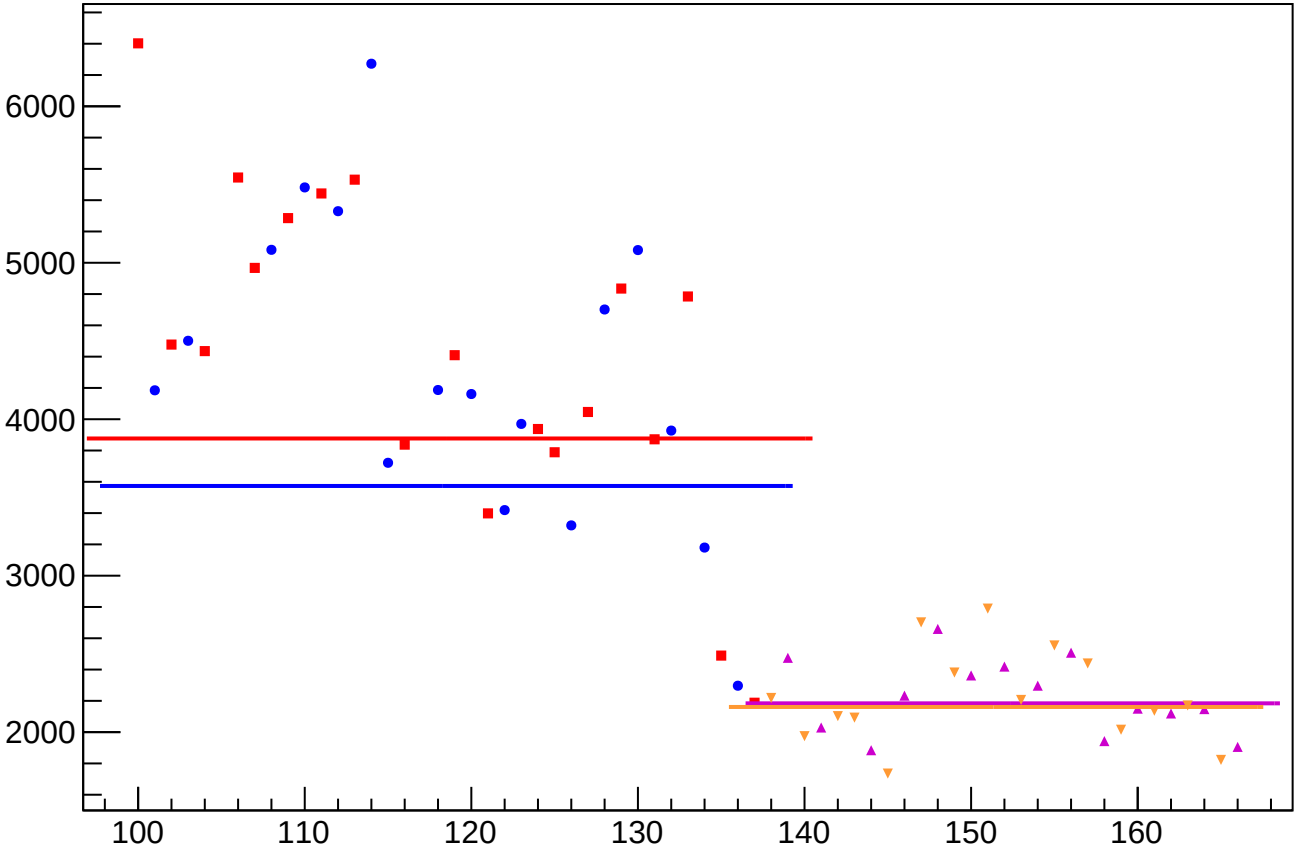
Right: 1380.346+/-1041.320 χ^2/NDF: 35.3/35

In: 1138.340+/-603.328 χ^2/NDF:38.9/30

Out: 1455.060+/-599.809 χ^2/NDF:41.5/33

All: 1297.626+/-425.368 χ^2/NDF: 80.5/64

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF: 1088731.5/16

Left Out: 2160.931+/-0.462 χ^2/NDF:372641.2/14

Right Out: 3876.914+/-1.066 χ^2/NDF: 988409.8/18

Left In: 2184.107+/-0.470 χ^2/NDF:233316.4/13

Left: 2172.333+/-0.330 χ^2/NDF: 607193.9/28

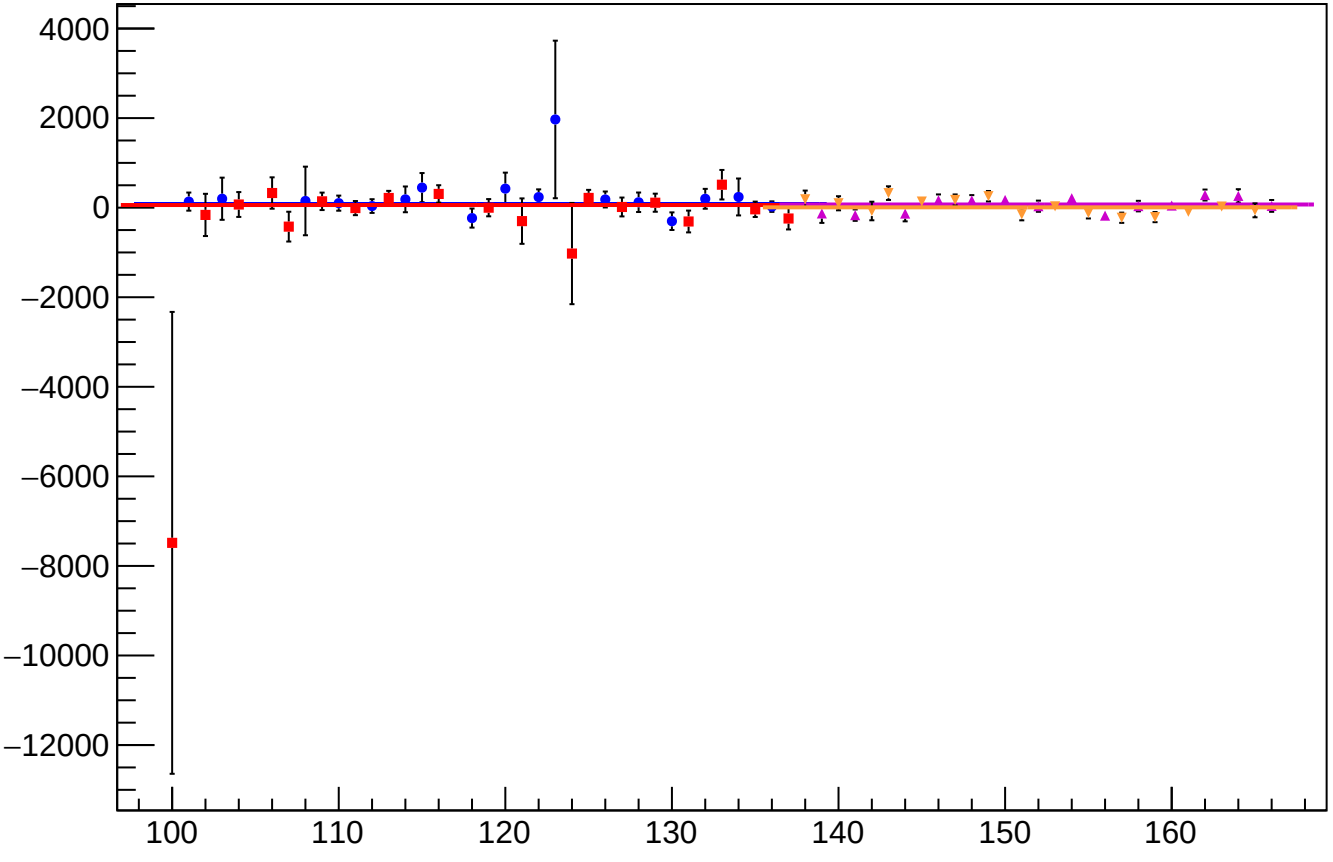
Right: 3718.342+/-0.736 χ^2/NDF: 2119512.7/35

In: 2427.834+/-0.427 χ^2/NDF:2856213.7/30

Out: 2432.747+/-0.424 χ^2/NDF:3543261.4/33

All: 2430.305+/-0.301 χ^2/NDF: 6399541.8/64

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF: 11.5/16

Left Out: 7.376+/-32.773 χ^2/NDF:24.8/14

Right Out: 59.008+/-53.165 χ^2/NDF: 16.4/18

Left In: 70.810+/-33.330 χ^2/NDF:19.5/13

Left: 38.559+/-23.368 χ^2/NDF: 46.1/28

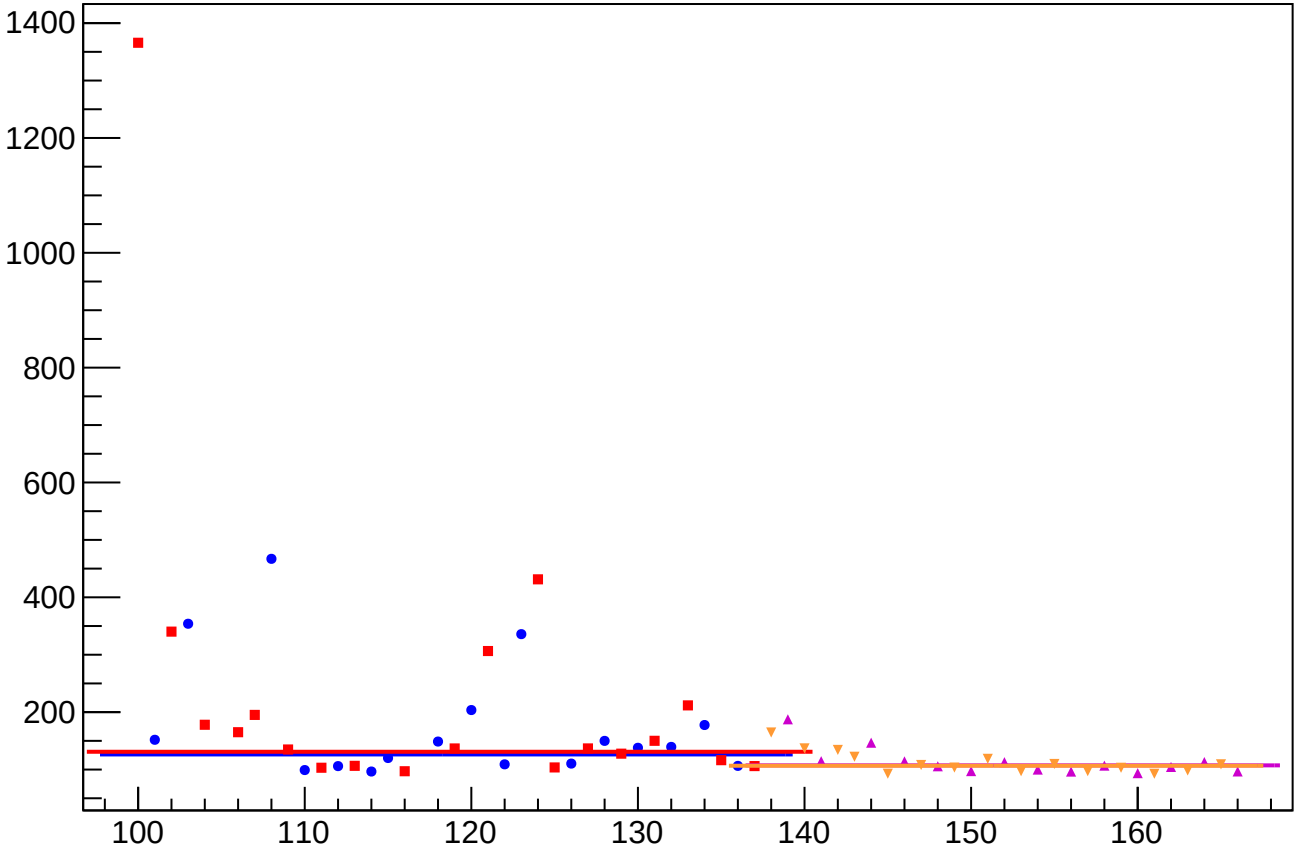
Right: 70.703+/-37.141 χ^2/NDF: 28.1/35

In: 74.033+/-28.046 χ^2/NDF:31.0/30

Out: 21.593+/-27.898 χ^2/NDF:41.9/33

All: 47.675+/-19.779 χ^2/NDF: 74.7/64

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF: 1310585.0/16

Left Out: 106.663+/-0.023 χ^2/NDF:437276.1/14

Right Out: 131.007+/-0.038 χ^2/NDF: 1429260.8/18

Left In: 107.317+/-0.024 χ^2/NDF:504966.9/13

Left: 106.985+/-0.017 χ^2/NDF: 942634.0/28

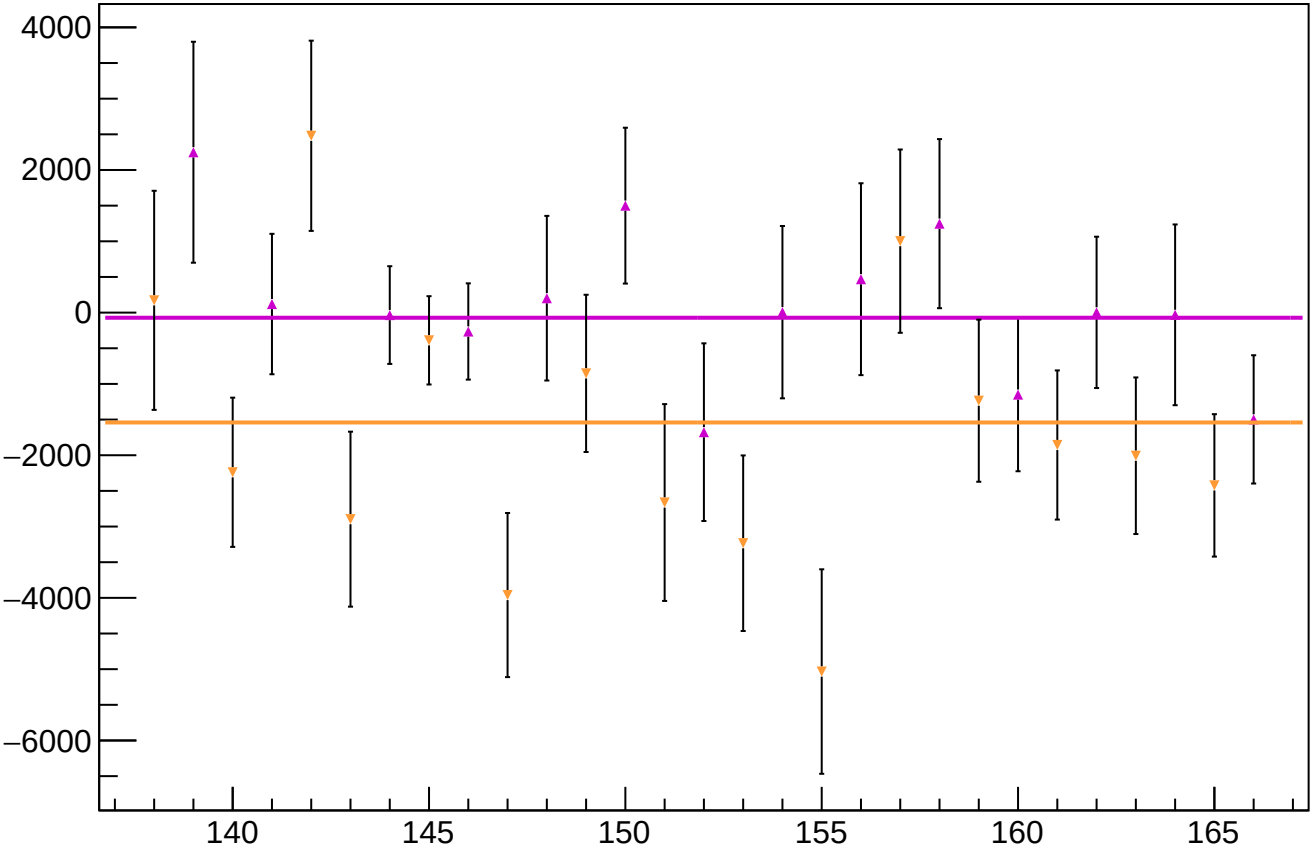
Right: 128.617+/-0.026 χ^2/NDF: 2747739.0/35

In: 112.870+/-0.020 χ^2/NDF:2005739.0/30

Out: 113.366+/-0.020 χ^2/NDF:2170400.0/33

All: 113.120+/-0.014 χ^2/NDF: 4176453.9/64

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -1540.569+/-282.302 χ^2/NDF:33.8/14

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

Left In: -72.011+/-271.499 χ^2/NDF:11.1/13

Left: -777.656+/-195.687 χ^2/NDF: 58.9/28

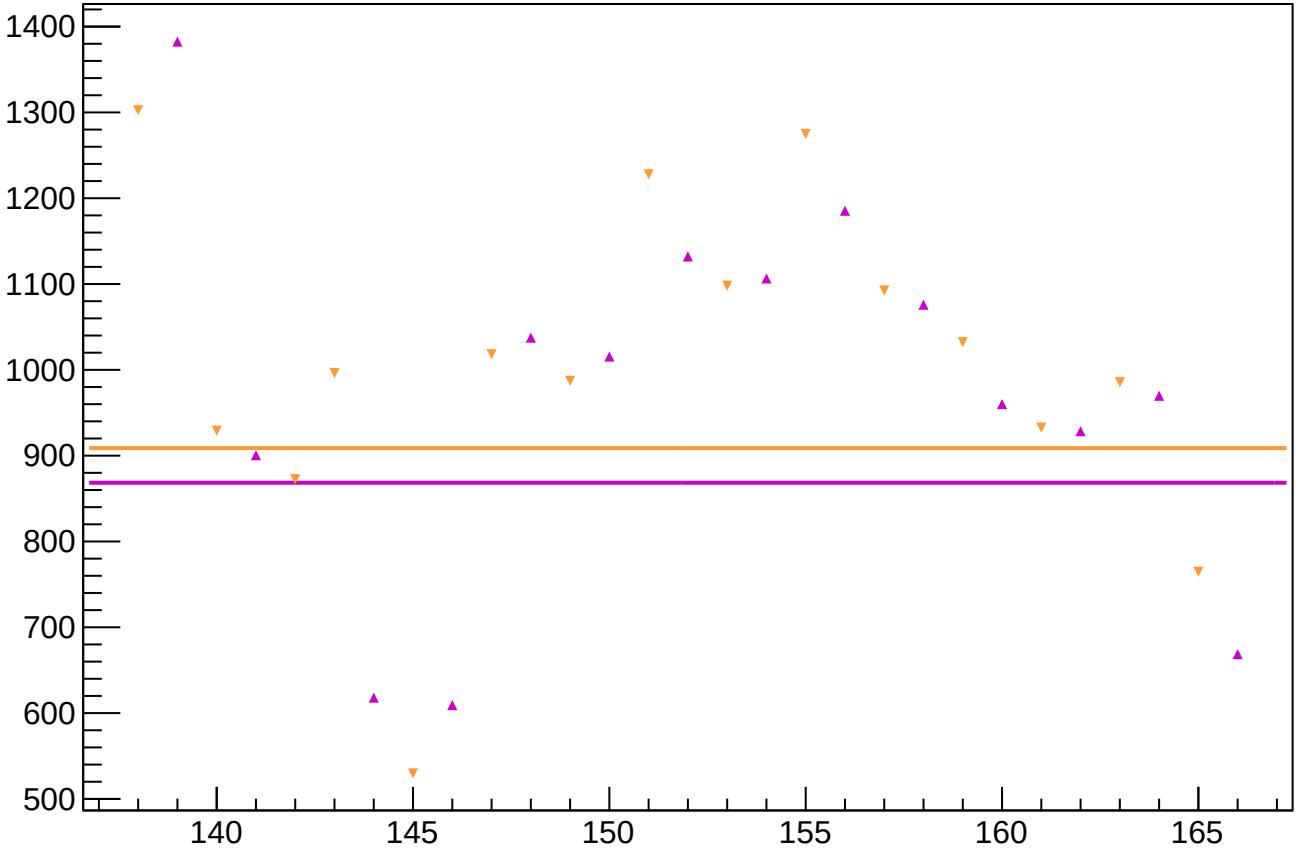
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -72.011+/-271.499 χ^2/NDF:11.1/13

Out: -1540.569+/-282.302 χ^2/NDF:33.8/14

All: -777.656+/-195.687 χ^2/NDF: 58.9/28

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 908.788+/-0.200 χ^2/NDF:1323281.1/14

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

Left In: 868.449+/-0.192 χ^2/NDF:1335279.6/13

Left: 887.832+/-0.138 χ^2/NDF: 2679775.8/28

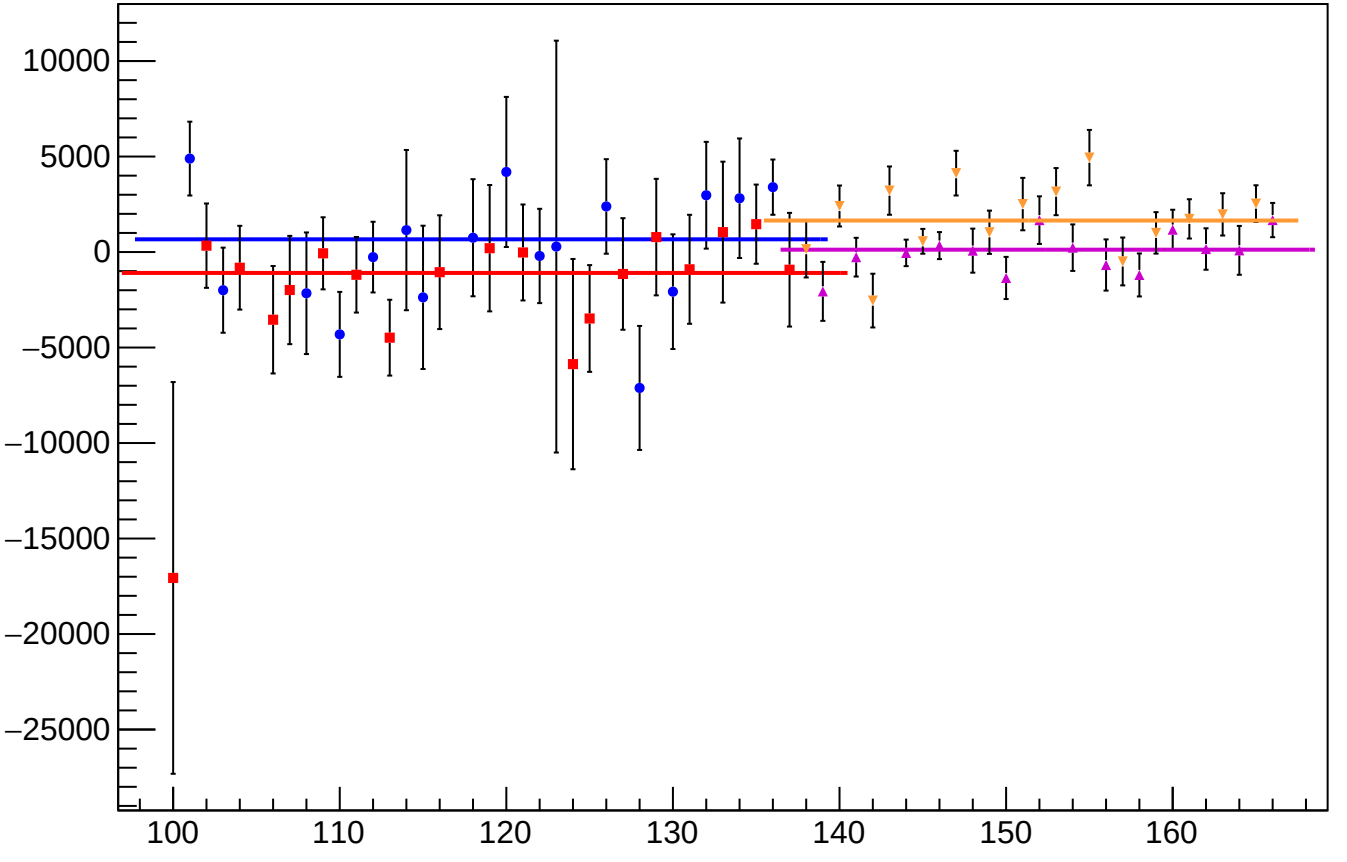
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 868.449+/-0.192 χ^2/NDF:1335279.6/13

Out: 908.788+/-0.200 χ^2/NDF:1323281.1/14

All: 887.832+/-0.138 χ^2/NDF: 2679775.8/28

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF: 25.6/16

Left Out: 1650.664+/-284.781 χ^2/NDF:30.8/14

Right Out: -1094.278+/-602.639 χ^2/NDF: 11.0/18

Left In: 123.585+/-273.925 χ^2/NDF:11.4/13

Left: 857.463+/-197.420 χ^2/NDF: 57.1/28

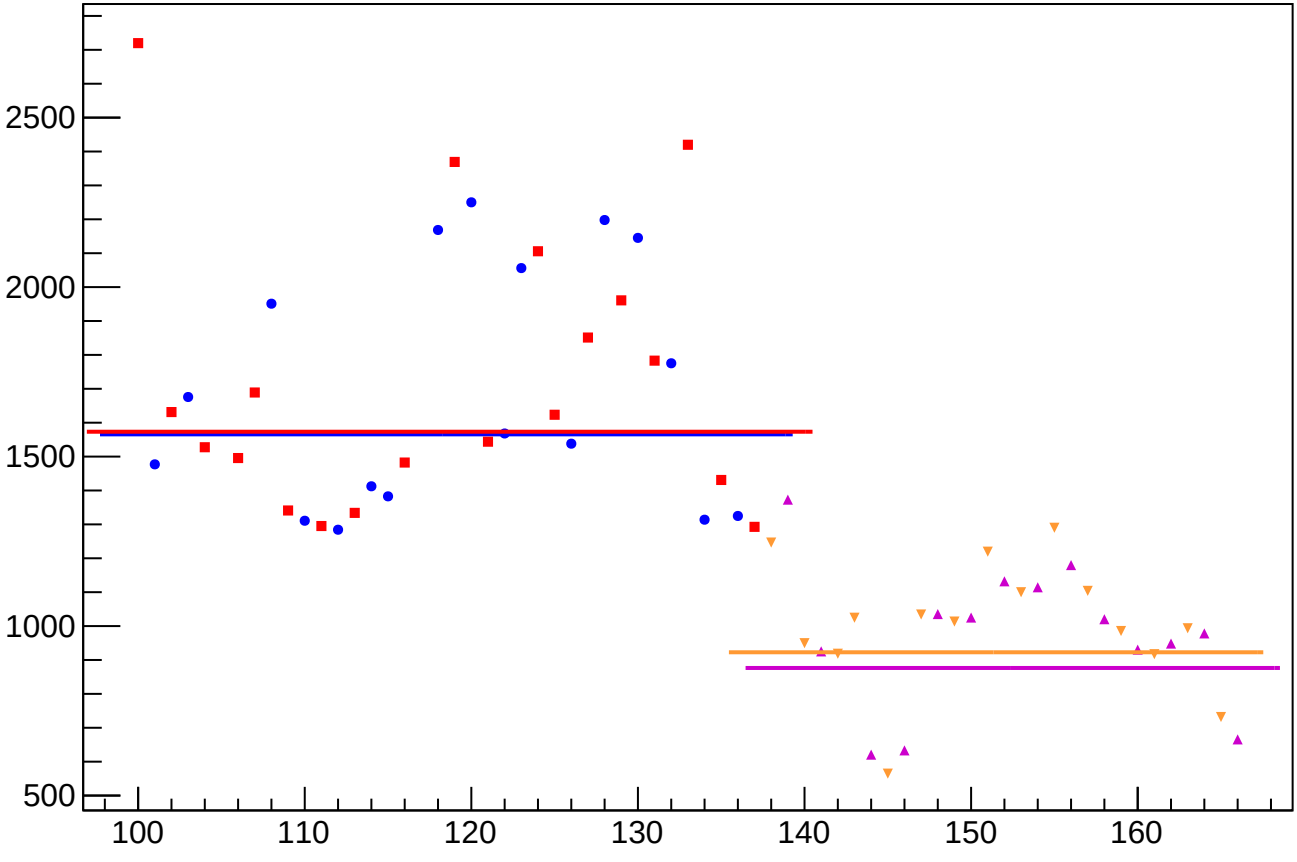
Right: -237.260+/-431.744 χ^2/NDF: 40.8/35

In: 212.525+/-250.483 χ^2/NDF:37.7/30

Out: 1149.587+/-257.480 χ^2/NDF:58.8/33

All: 668.151+/-179.541 χ^2/NDF: 103.2/64

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF: 490790.2/16

Left Out: 922.706+/-0.201 χ^2/NDF:1146499.4/14

Right Out: 1573.366+/-0.426 χ^2/NDF: 462040.3/18

Left In: 876.417+/-0.194 χ^2/NDF:1226731.0/13

Left: 898.662+/-0.140 χ^2/NDF: 2400676.2/28

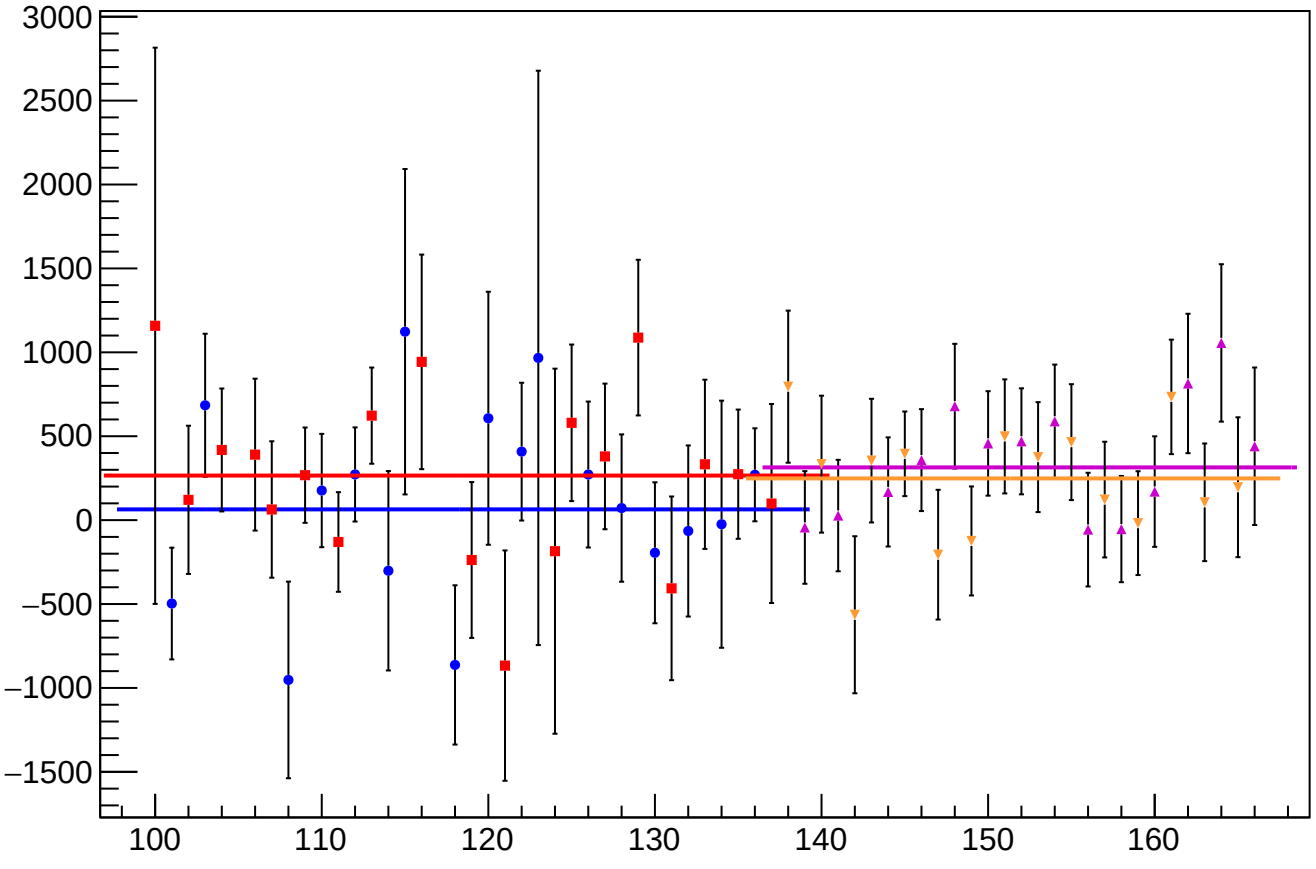
Right: 1569.597+/-0.305 χ^2/NDF: 952991.2/35

In: 989.331+/-0.177 χ^2/NDF:3791792.0/30

Out: 1041.480+/-0.182 χ^2/NDF:3514382.7/33

All: 1014.688+/-0.127 χ^2/NDF: 7348326.0/64

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF: 16.8/16

Left Out: 248.635+/-90.378 χ^2/NDF:11.8/14

Right Out: 265.661+/-99.379 χ^2/NDF: 14.7/18

Left In: 314.279+/-92.306 χ^2/NDF:10.9/13

Left: 280.765+/-64.578 χ^2/NDF: 23.0/28

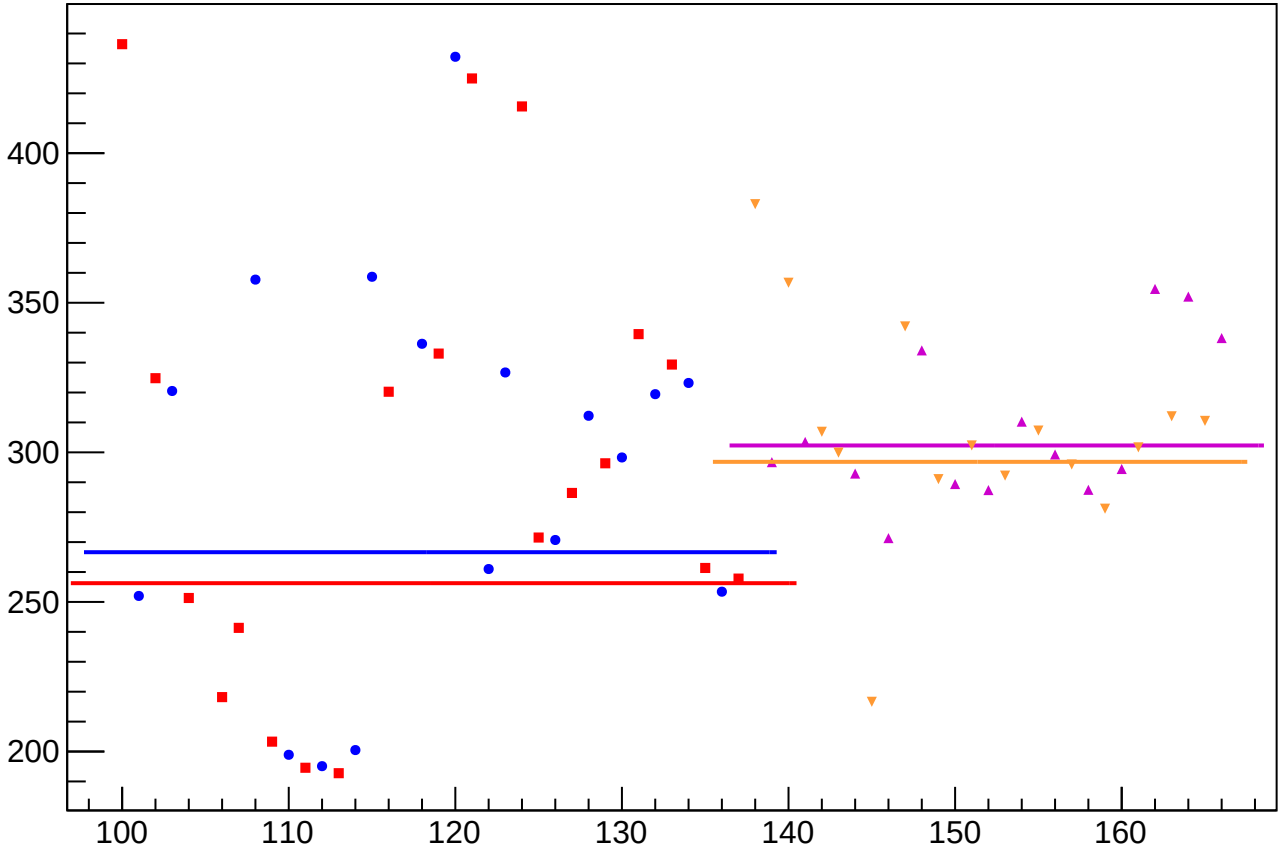
Right: 170.735+/-72.286 χ^2/NDF: 33.4/35

In: 205.607+/-69.423 χ^2/NDF:30.9/30

Out: 256.342+/-66.863 χ^2/NDF:26.5/33

All: 231.927+/-48.159 χ^2/NDF: 57.7/64

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624+/-0.074 χ^2/NDF: 550752.5/16

Left Out: 296.828+/-0.064 χ^2/NDF:360901.7/14

Right Out: 256.268+/-0.070 χ^2/NDF: 696896.2/18

Left In: 302.300+/-0.065 χ^2/NDF:118288.0/13

Left: 299.506+/-0.046 χ^2/NDF: 482778.1/28

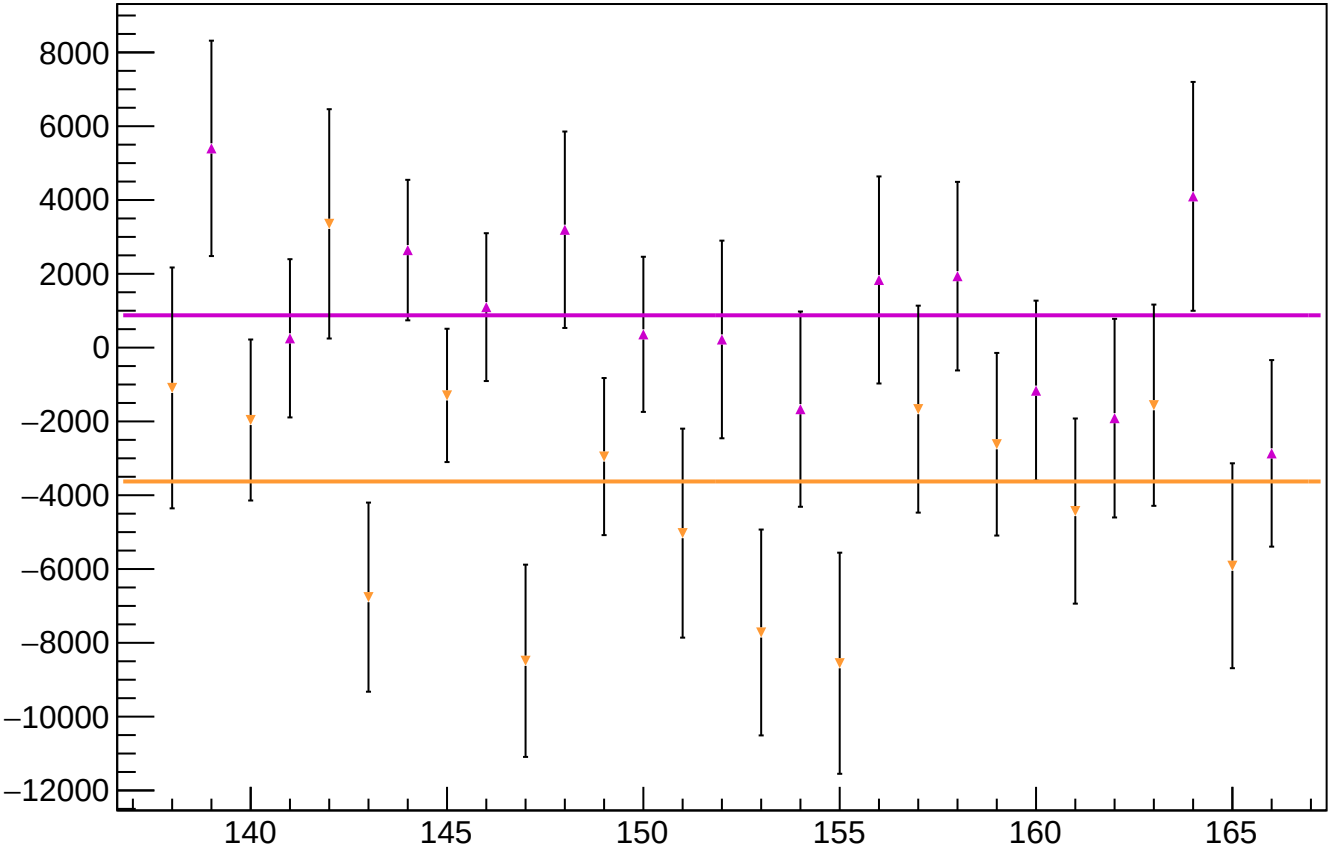
Right: 261.145+/-0.051 χ^2/NDF: 1257876.6/35

In: 286.804+/-0.049 χ^2/NDF:798804.4/30

Out: 278.468+/-0.047 χ^2/NDF:1240133.9/33

All: 282.479+/-0.034 χ^2/NDF: 2053898.7/64

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -3627.236+/-657.581 χ^2/NDF:20.1/14

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

Left In: 875.751+/-651.402 χ^2/NDF:10.5/13

Left: -1354.489+/-462.780 χ^2/NDF: 54.3/28

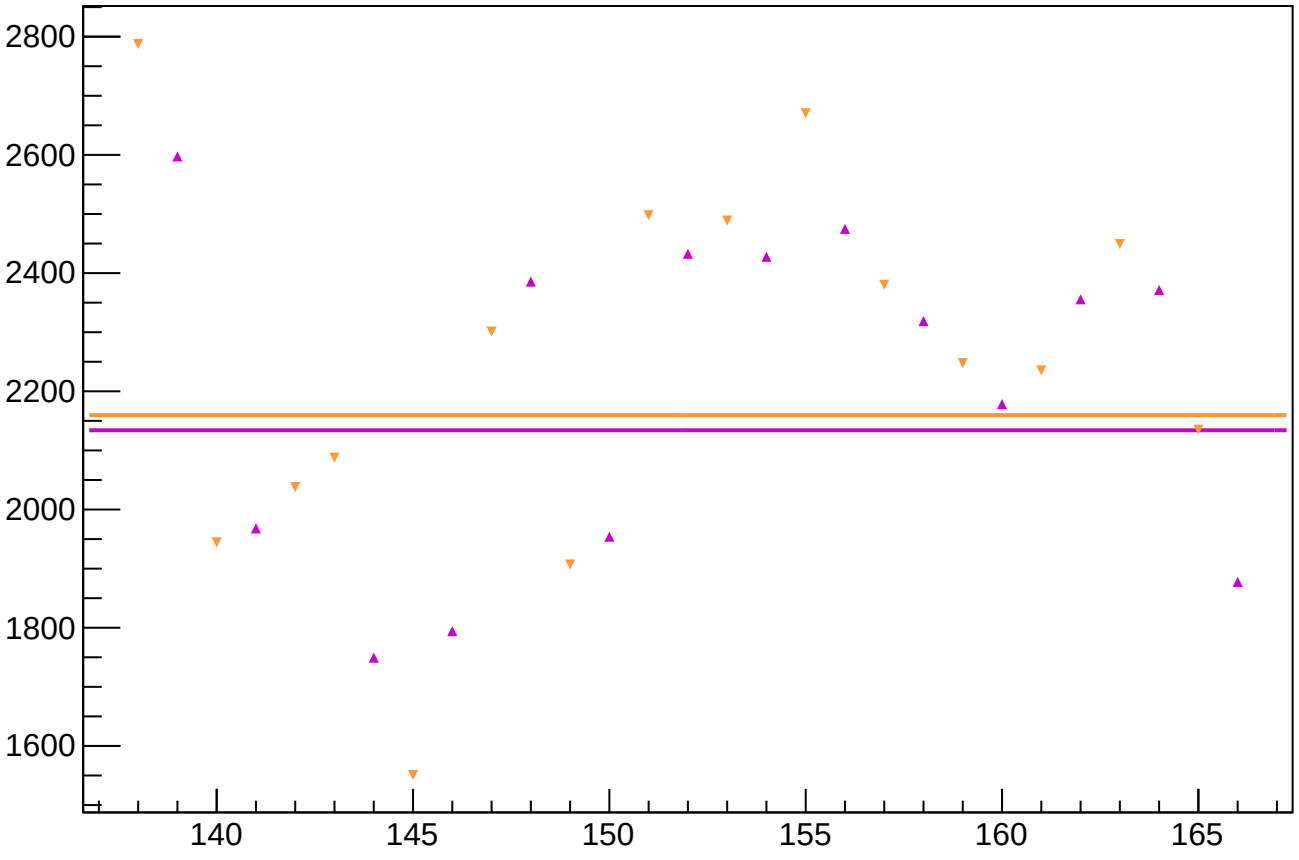
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 875.751+/-651.402 χ^2/NDF:10.5/13

Out: -3627.236+/-657.581 χ^2/NDF:20.1/14

All: -1354.489+/-462.780 χ^2/NDF: 54.3/28

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2159.730+/-0.465 χ^2/NDF:513437.9/14

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

Left In: 2134.082+/-0.461 χ^2/NDF:370117.8/13

Left: 2146.785+/-0.327 χ^2/NDF: 885091.3/28

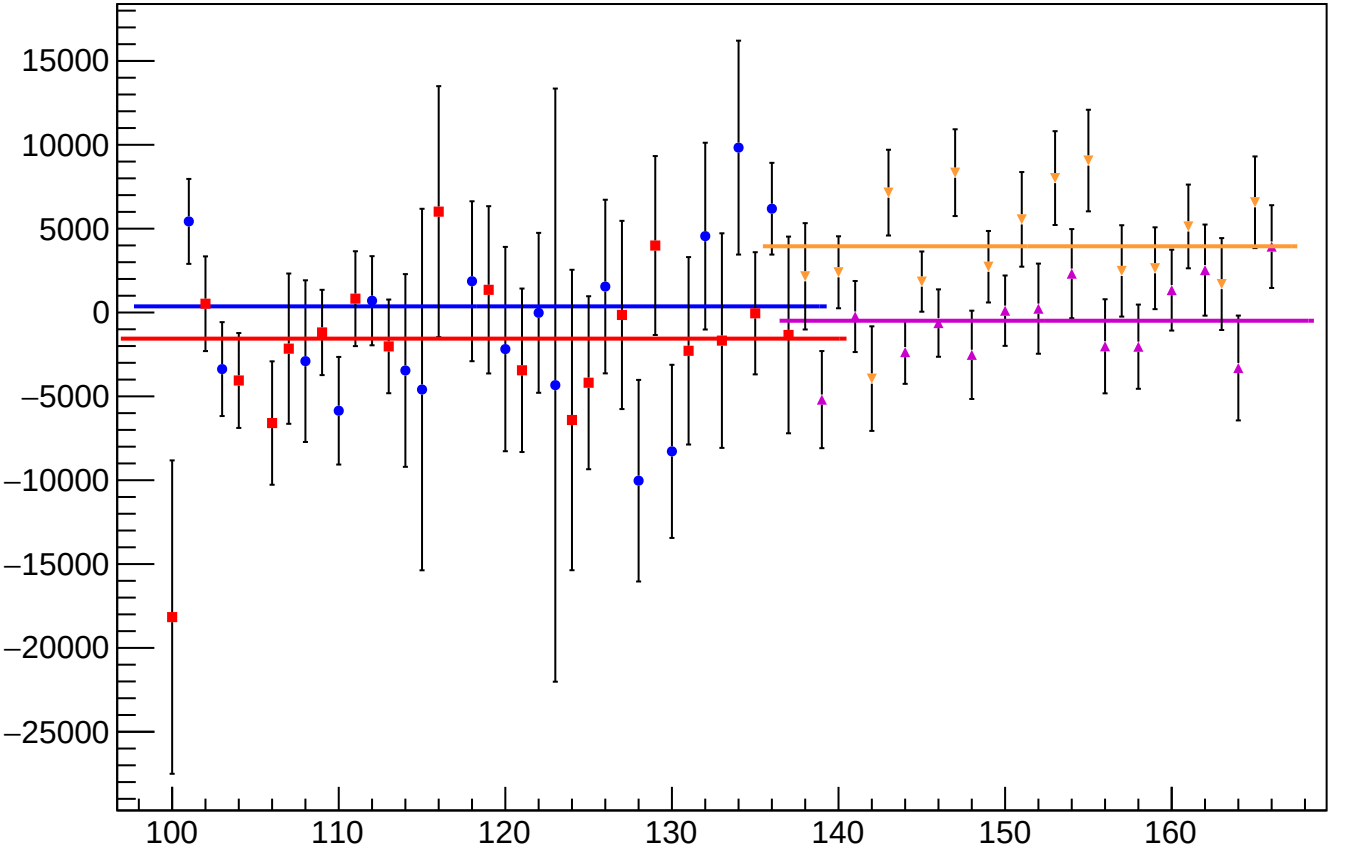
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2134.082+/-0.461 χ^2/NDF:370117.8/13

Out: 2159.730+/-0.465 χ^2/NDF:513437.9/14

All: 2146.785+/-0.327 χ^2/NDF: 885091.3/28

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF: 24.2/16

Left Out: 3948.867+/-653.075 χ^2/NDF:21.1/14

Right Out: -1557.388+/-924.003 χ^2/NDF: 10.5/18

Left In: -490.238+/-648.276 χ^2/NDF:12.0/13

Left: 1712.945+/-460.087 χ^2/NDF: 56.4/28

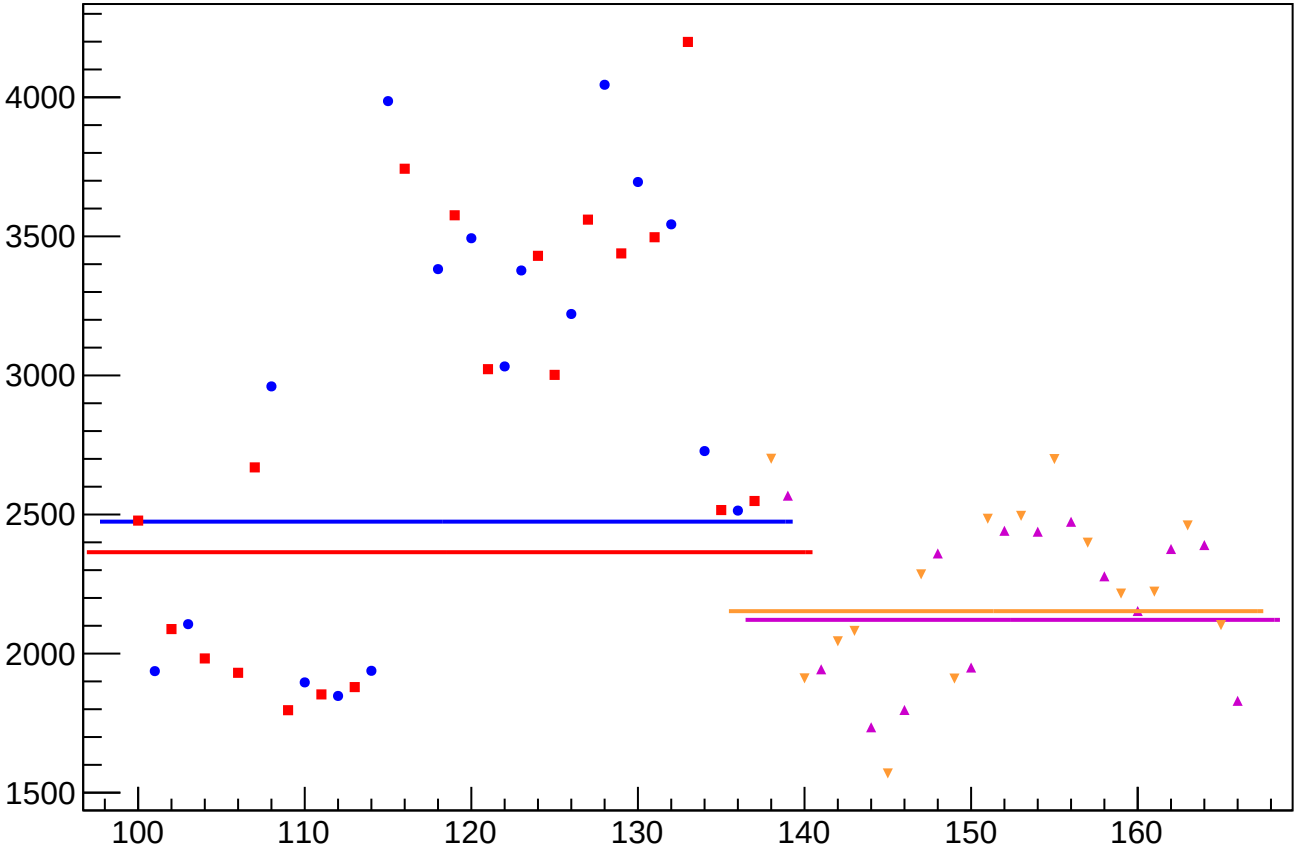
Right: -664.120+/-676.282 χ^2/NDF: 36.7/35

In: -234.036+/-542.751 χ^2/NDF:36.7/30

Out: 2114.549+/-533.313 χ^2/NDF:55.3/33

All: 960.853+/-380.402 χ^2/NDF: 101.5/64

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF: 906262.1/16

Left Out: 2152.528+/-0.462 χ^2/NDF:499456.9/14

Right Out: 2364.507+/-0.653 χ^2/NDF: 1023402.8/18

Left In: 2121.279+/-0.458 χ^2/NDF:383356.6/13

Left: 2136.788+/-0.325 χ^2/NDF: 885120.0/28

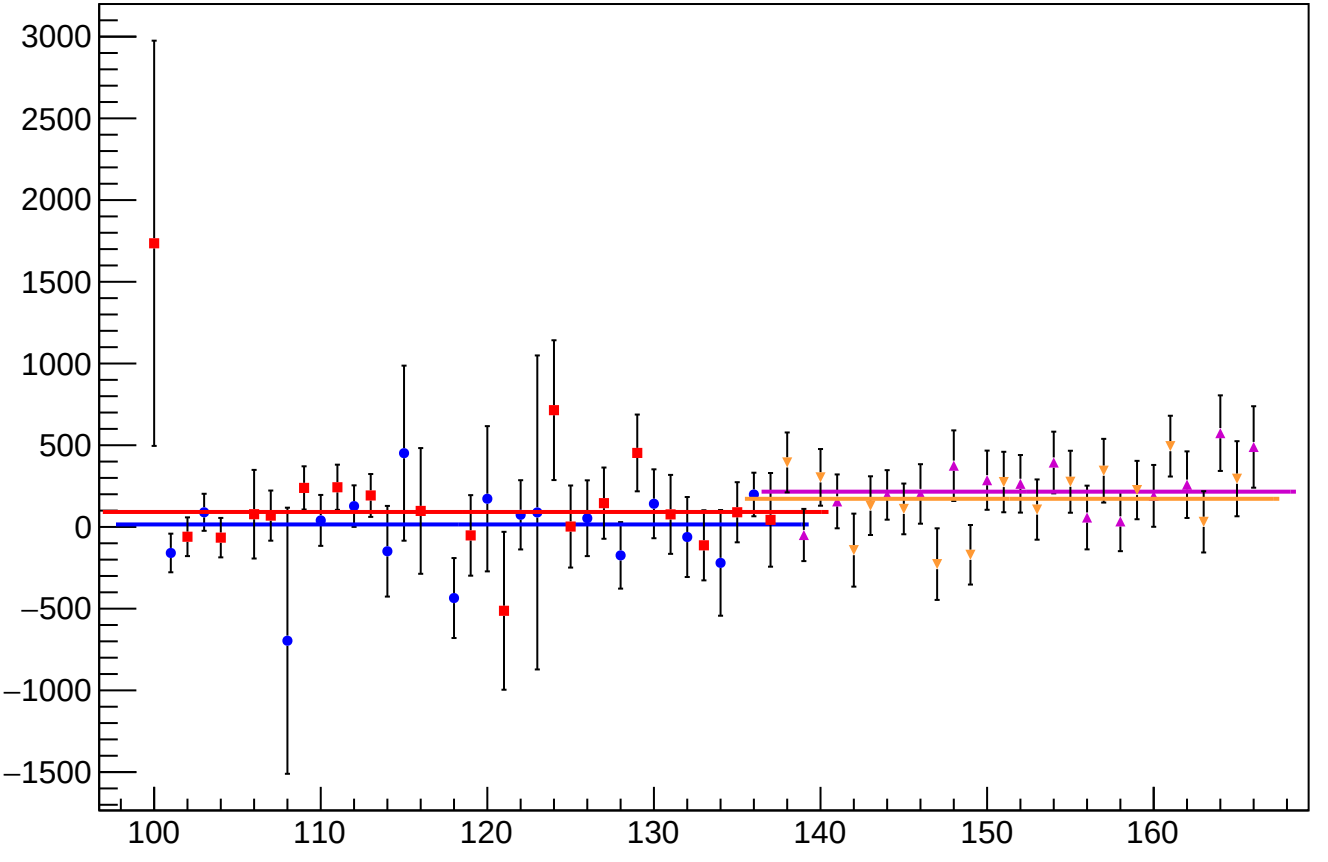
Right: 2415.527+/-0.478 χ^2/NDF: 1942797.3/35

In: 2226.880+/-0.384 χ^2/NDF:1467073.4/30

Out: 2223.145+/-0.377 χ^2/NDF:1593055.2/33

All: 2224.980+/-0.269 χ^2/NDF: 3060176.8/64

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF: 12.6/16

Left Out: 172.159+/-48.395 χ^2/NDF:16.6/14

Right Out: 91.634+/-43.318 χ^2/NDF: 15.7/18

Left In: 215.874+/-49.674 χ^2/NDF:9.9/13

Left: 193.446+/-34.664 χ^2/NDF: 26.8/28

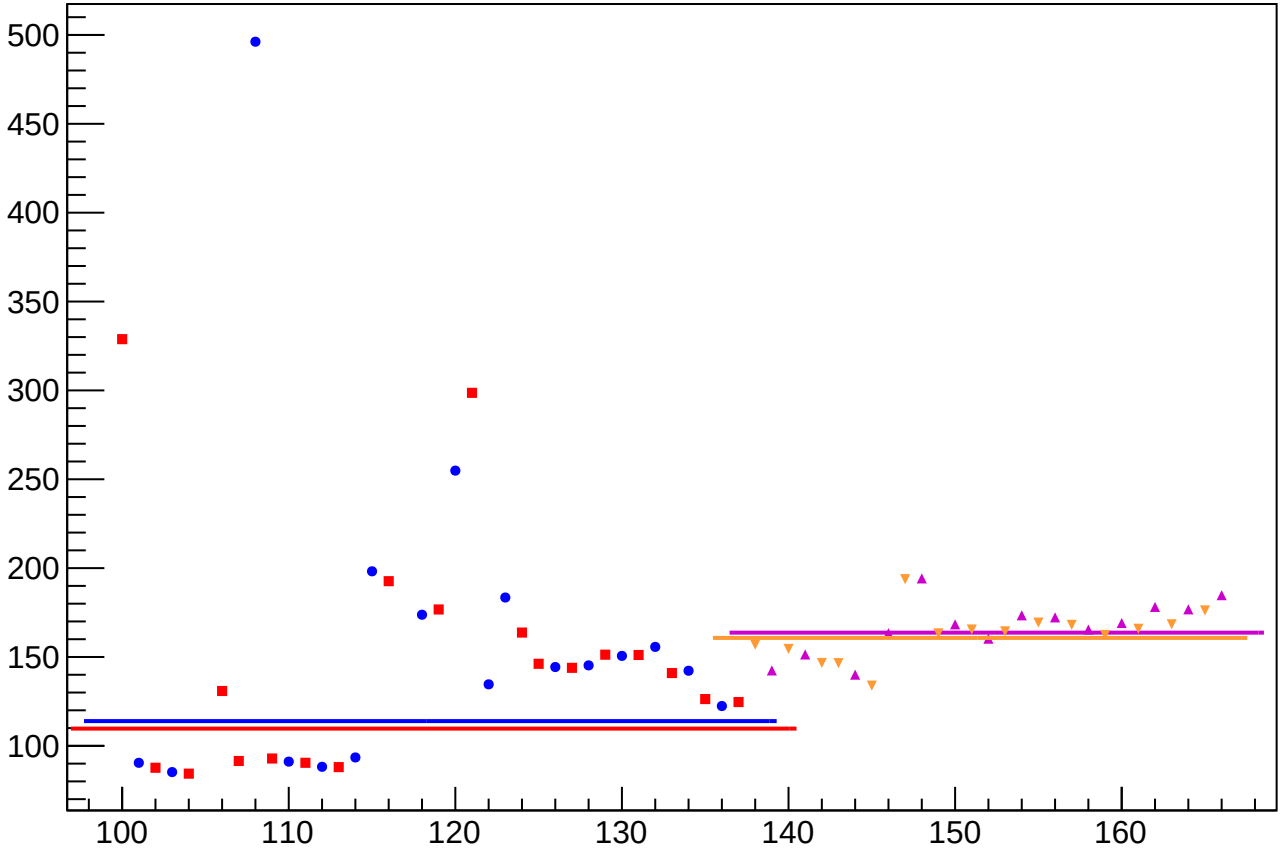
Right: 56.123+/-31.678 χ^2/NDF: 29.7/35

In: 108.854+/-33.925 χ^2/NDF:31.1/30

Out: 127.453+/-32.277 χ^2/NDF:33.8/33

All: 118.616+/-23.384 χ^2/NDF: 65.1/64

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932+/-0.033 χ^2/NDF: 1407849.3/16

Left Out: 160.727+/-0.034 χ^2/NDF:152924.9/14

Right Out: 109.709+/-0.031 χ^2/NDF: 1242014.6/18

Left In: 163.701+/-0.035 χ^2/NDF:179132.0/13

Left: 162.175+/-0.025 χ^2/NDF: 335735.8/28

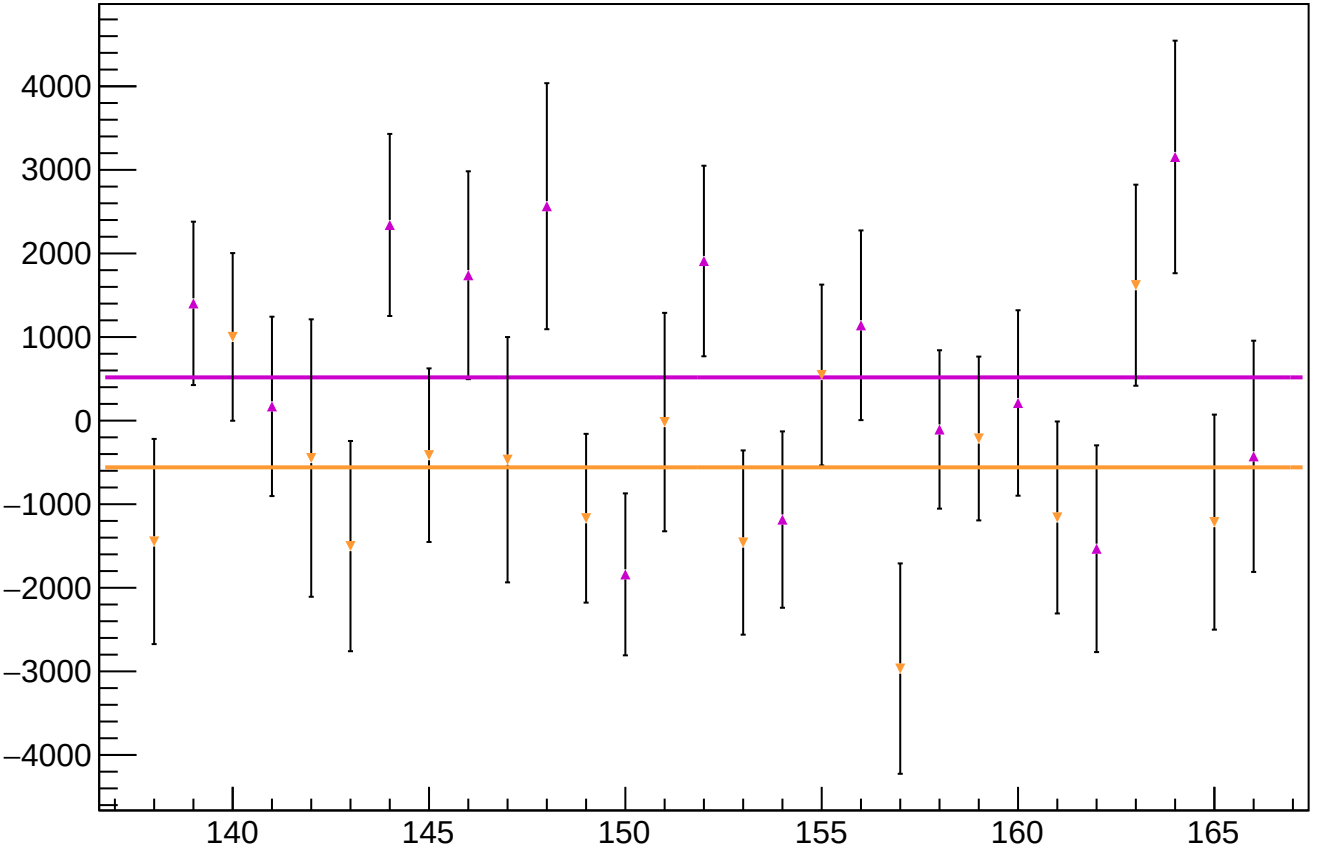
Right: 111.674+/-0.022 χ^2/NDF: 2658703.6/35

In: 137.145+/-0.024 χ^2/NDF:2658226.8/30

Out: 132.403+/-0.023 χ^2/NDF:2628917.2/33

All: 134.656+/-0.017 χ^2/NDF: 5307659.2/64

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -558.782+/-301.297 χ^2/NDF:13.4/14

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

Left In: 517.530+/-301.572 χ^2/NDF:24.3/13

Left: -21.116+/-213.146 χ^2/NDF: 44.0/28

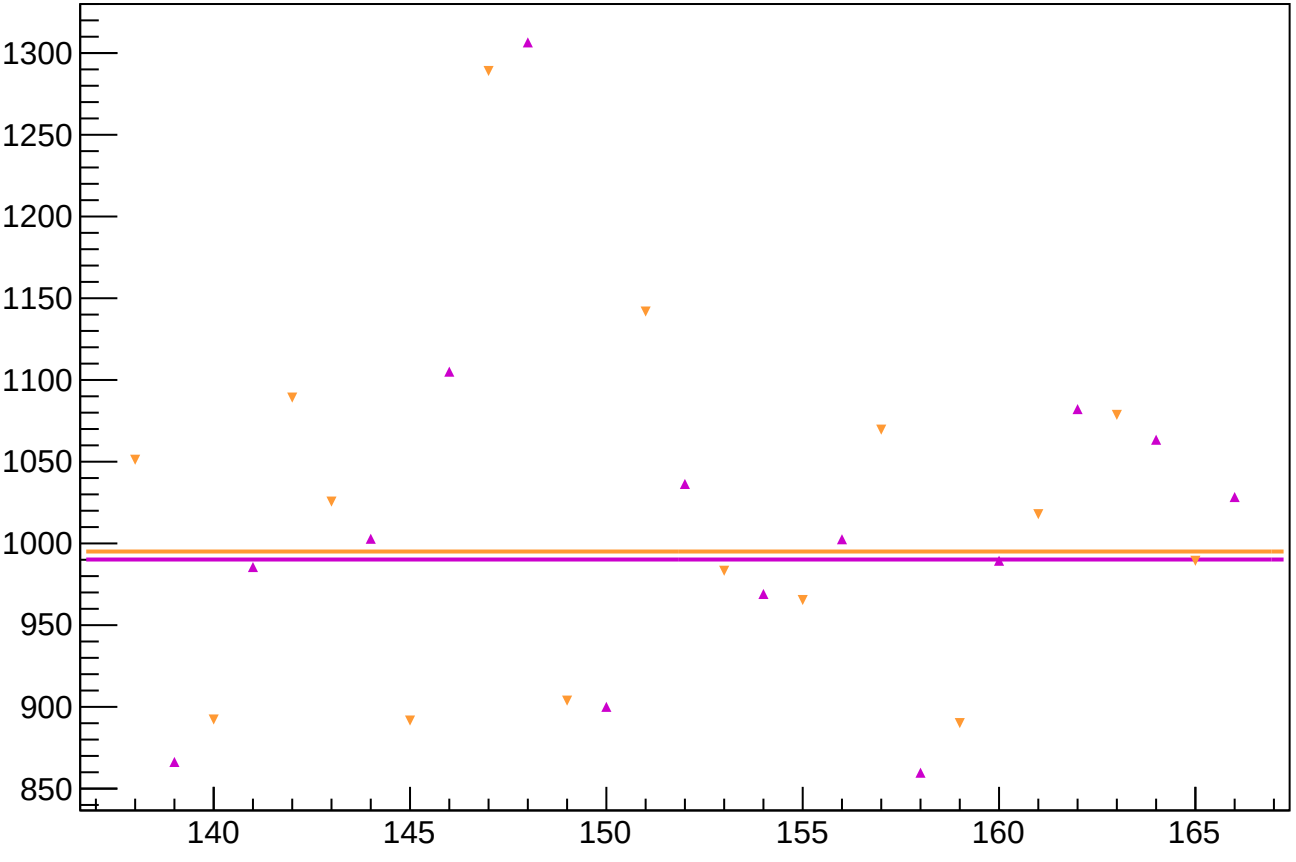
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 517.530+/-301.572 χ^2/NDF:24.3/13

Out: -558.782+/-301.297 χ^2/NDF:13.4/14

All: -21.116+/-213.146 χ^2/NDF: 44.0/28

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 995.052+/-0.213 χ^2/NDF:216662.6/14

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

Left In: 990.152+/-0.213 χ^2/NDF:219594.5/13

Left: 992.604+/-0.151 χ^2/NDF: 436521.4/28

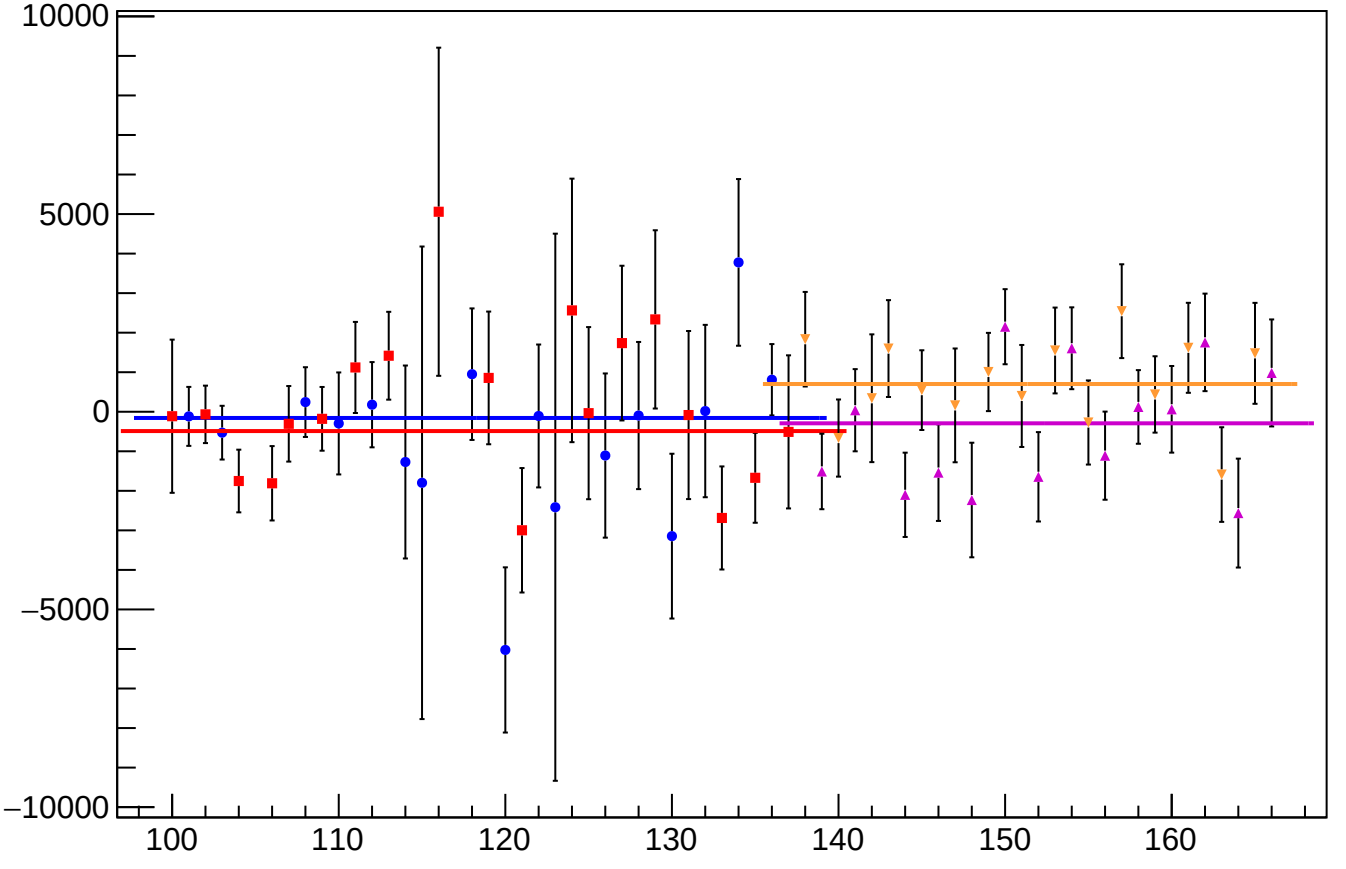
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 990.152+/-0.213 χ^2/NDF:219594.5/13

Out: 995.052+/-0.213 χ^2/NDF:216662.6/14

All: 992.604+/-0.151 χ^2/NDF: 436521.4/28

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF: 16.2/16

Left Out: 701.571+/-295.047 χ^2/NDF:12.4/14

Right Out: -488.583+/-282.758 χ^2/NDF: 22.6/18

Left In: -292.402+/-296.222 χ^2/NDF:26.1/13

Left: 206.559+/-209.044 χ^2/NDF: 44.1/28

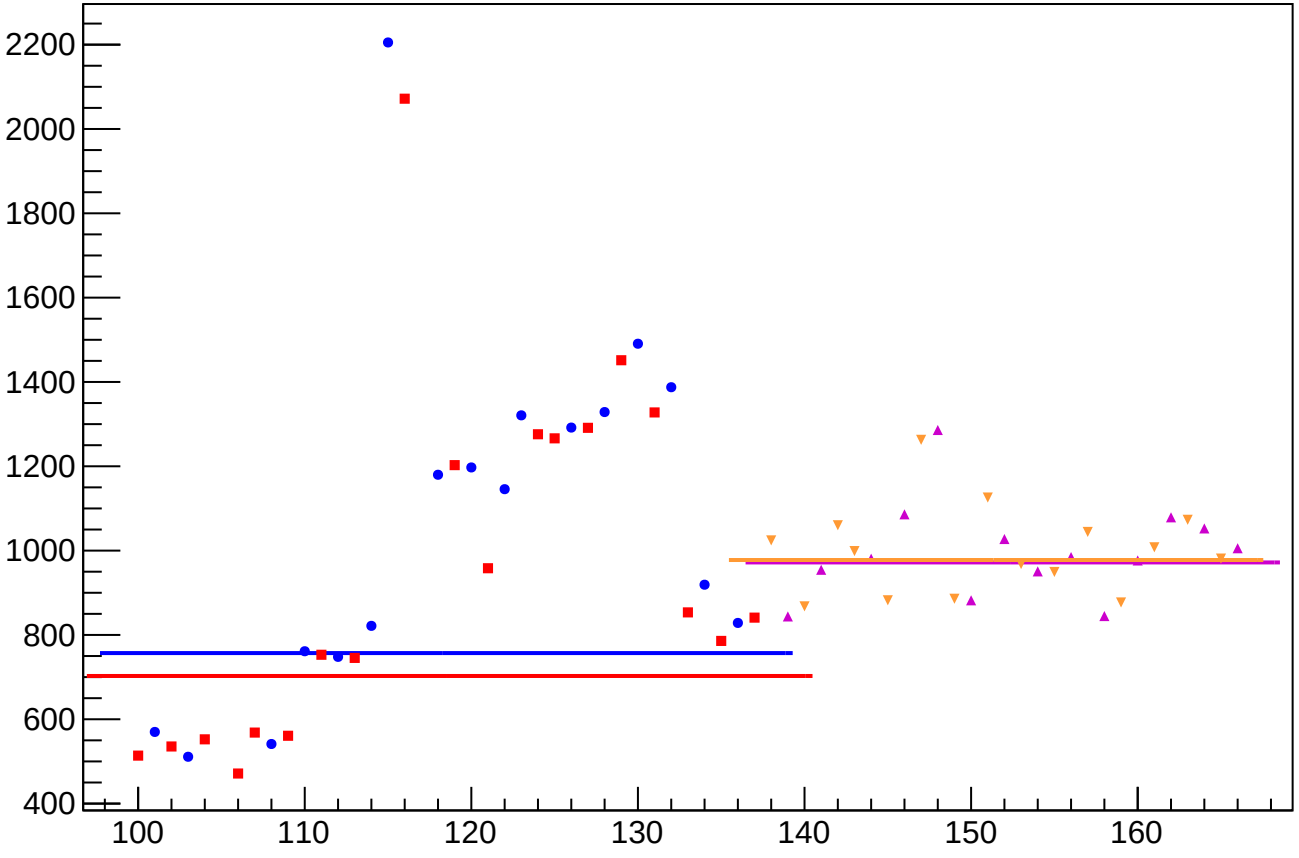
Right: -339.397+/-209.669 χ^2/NDF: 39.5/35

In: -228.404+/-214.985 χ^2/NDF:42.4/30

Out: 81.193+/-204.147 χ^2/NDF:43.5/33

All: -65.605+/-148.037 χ^2/NDF: 87.0/64

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF: 1711285.9/16

Left Out: 977.691+/-0.209 χ^2/NDF:218018.2/14

Right Out: 702.656+/-0.200 χ^2/NDF: 1689579.7/18

Left In: 971.964+/-0.209 χ^2/NDF:232462.9/13

Left: 974.839+/-0.148 χ^2/NDF: 450856.3/28

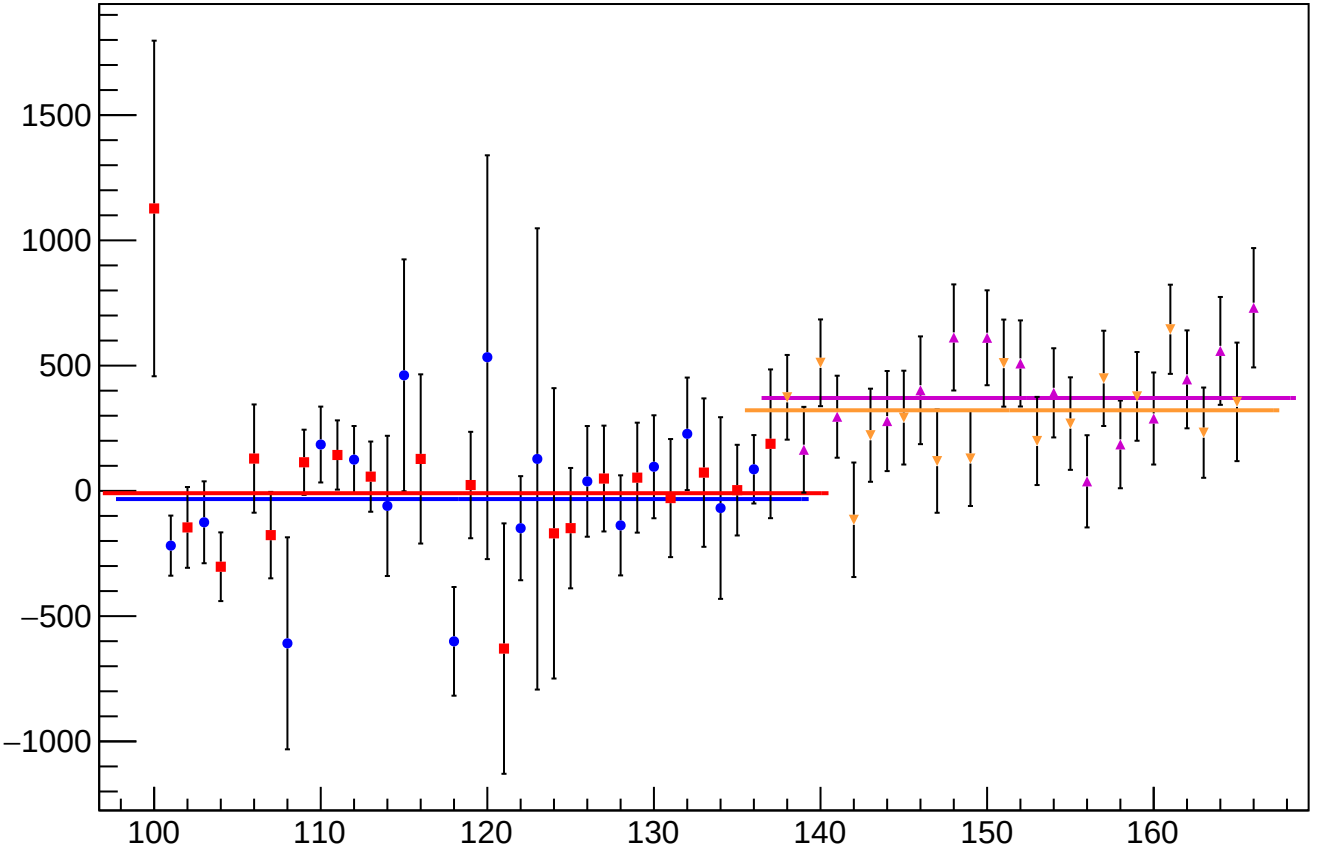
Right: 727.113+/-0.148 χ^2/NDF: 3434103.1/35

In: 870.219+/-0.152 χ^2/NDF:2442293.2/30

Out: 834.327+/-0.144 χ^2/NDF:2813487.1/33

All: 851.345+/-0.105 χ^2/NDF: 5285094.1/64

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694+/-48.431 χ^2/NDF: 19.7/16

Left Out: 321.695+/-48.182 χ^2/NDF:13.1/14

Right Out: -9.277+/-45.600 χ^2/NDF: 14.7/18

Left In: 370.749+/-50.584 χ^2/NDF:13.2/13

Left: 345.030+/-34.888 χ^2/NDF: 26.9/28

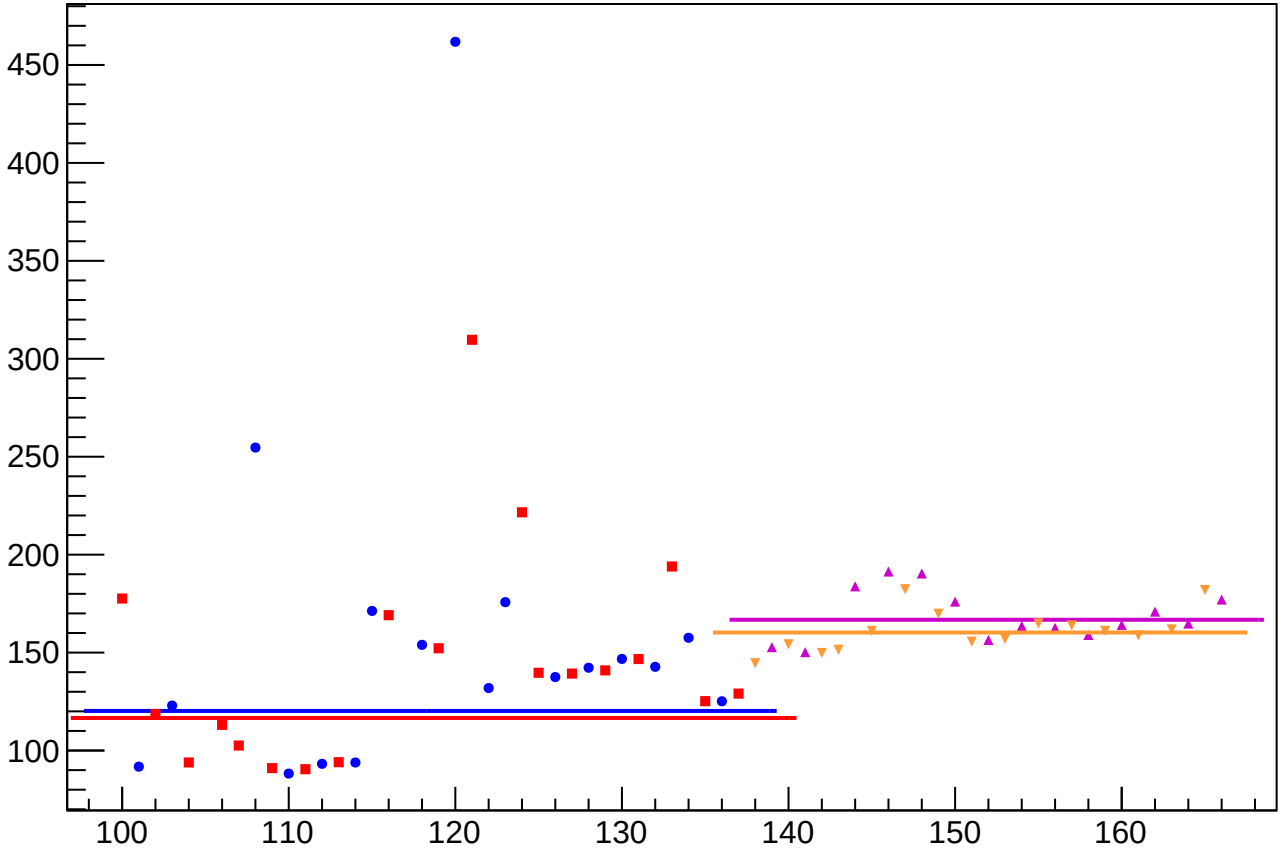
Right: -20.281+/-33.200 χ^2/NDF: 34.6/35

In: 160.261+/-34.982 χ^2/NDF:66.2/30

Out: 147.101+/-33.119 χ^2/NDF:52.7/33

All: 153.321+/-24.050 χ^2/NDF: 118.9/64

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF: 1062326.6/16

Left Out: 160.250+/-0.034 χ^2/NDF:77591.7/14

Right Out: 116.618+/-0.032 χ^2/NDF: 997956.6/18

Left In: 166.760+/-0.036 χ^2/NDF:122311.1/13

Left: 163.347+/-0.025 χ^2/NDF: 217270.1/28

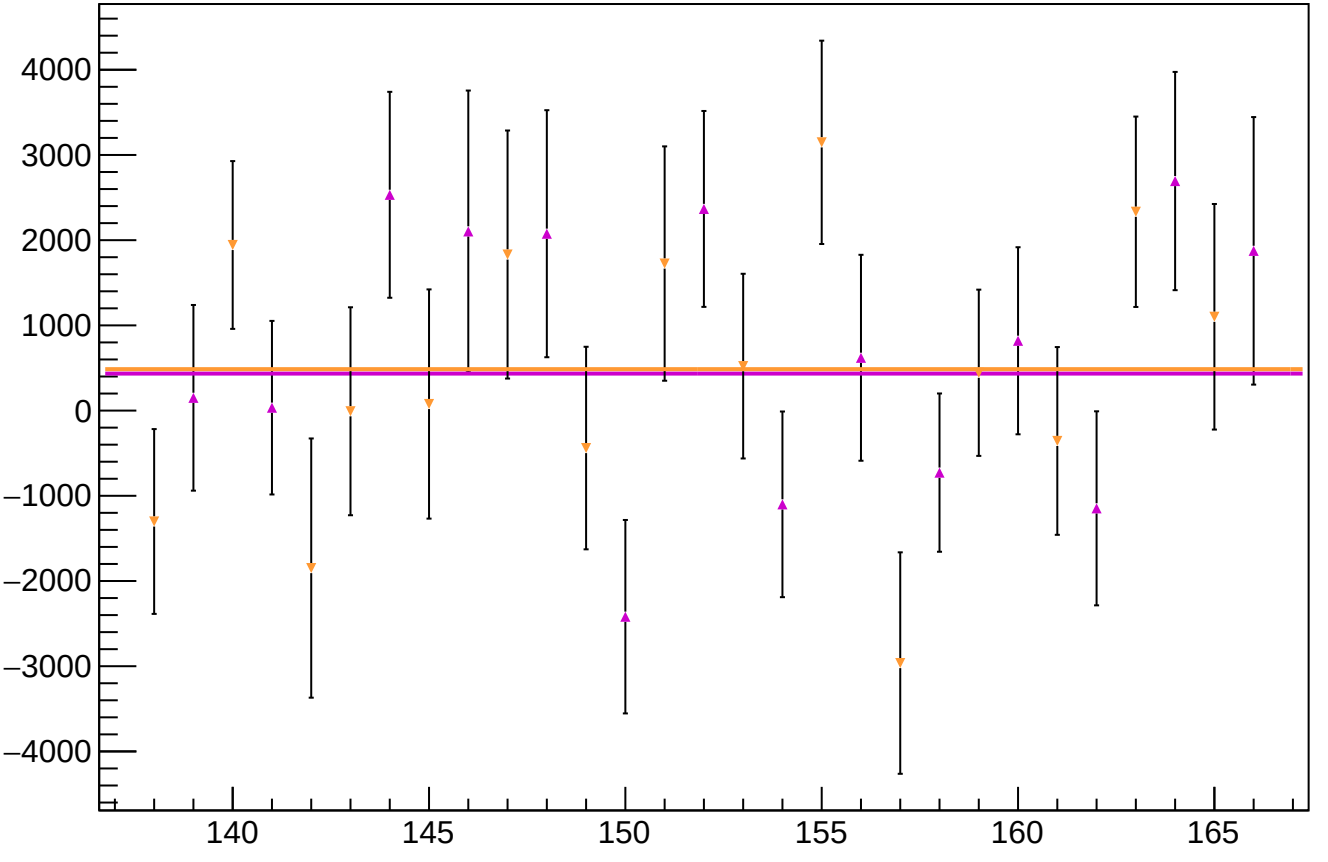
Right: 118.304+/-0.023 χ^2/NDF: 2066104.2/35

In: 142.472+/-0.025 χ^2/NDF:2068447.8/30

Out: 137.233+/-0.023 χ^2/NDF:1940730.5/33

All: 139.709+/-0.017 χ^2/NDF: 4032828.4/64

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 486.366+/-306.586 χ^2/NDF:25.4/14

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

Left In: 434.333+/-313.597 χ^2/NDF:24.3/13

Left: 460.938+/-219.226 χ^2/NDF: 49.6/28

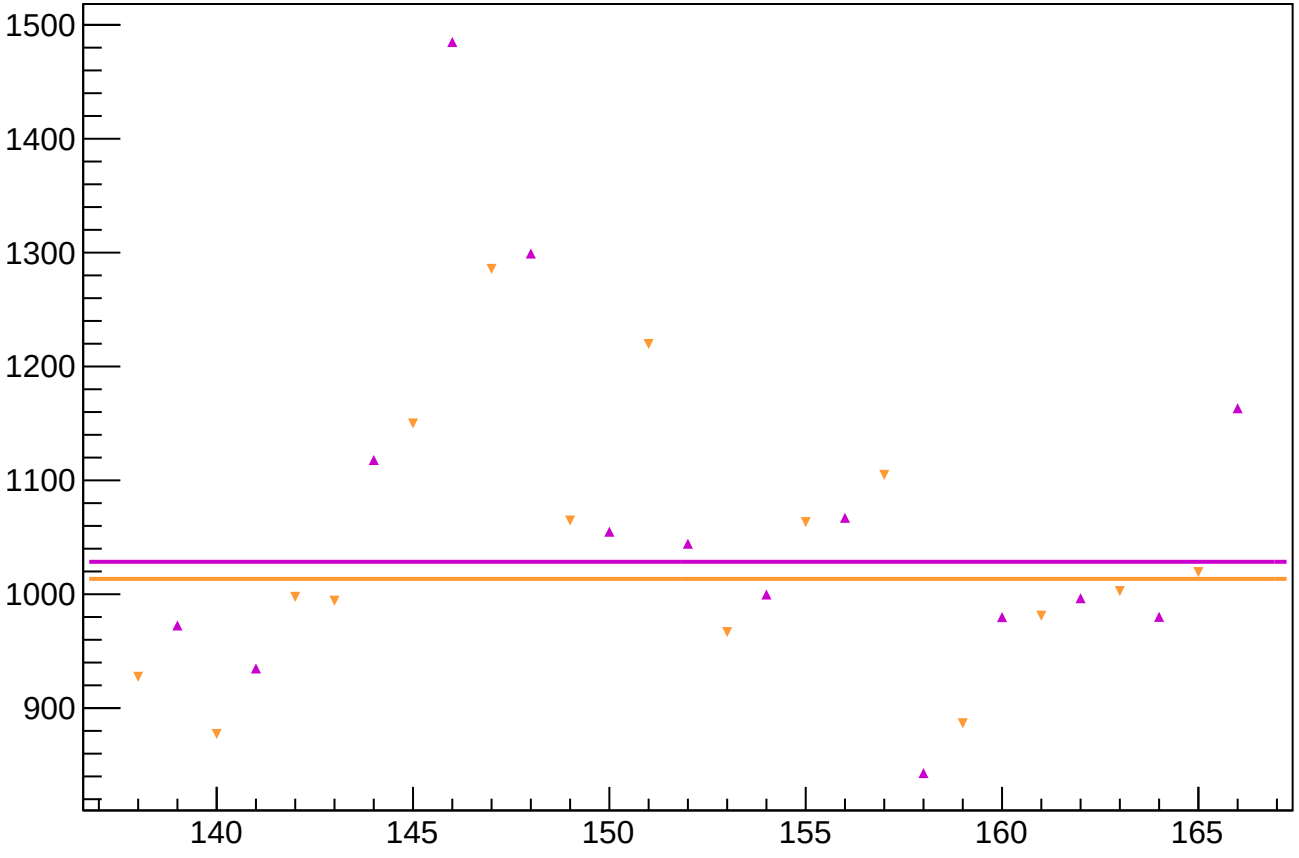
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 434.333+/-313.597 χ^2/NDF:24.3/13

Out: 486.366+/-306.586 χ^2/NDF:25.4/14

All: 460.938+/-219.226 χ^2/NDF: 49.6/28

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 1013.493+/-0.217 χ^2/NDF:243635.3/14

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

Left In: 1028.485+/-0.222 χ^2/NDF:363190.2/13

Left: 1020.819+/-0.155 χ^2/NDF: 609162.6/28

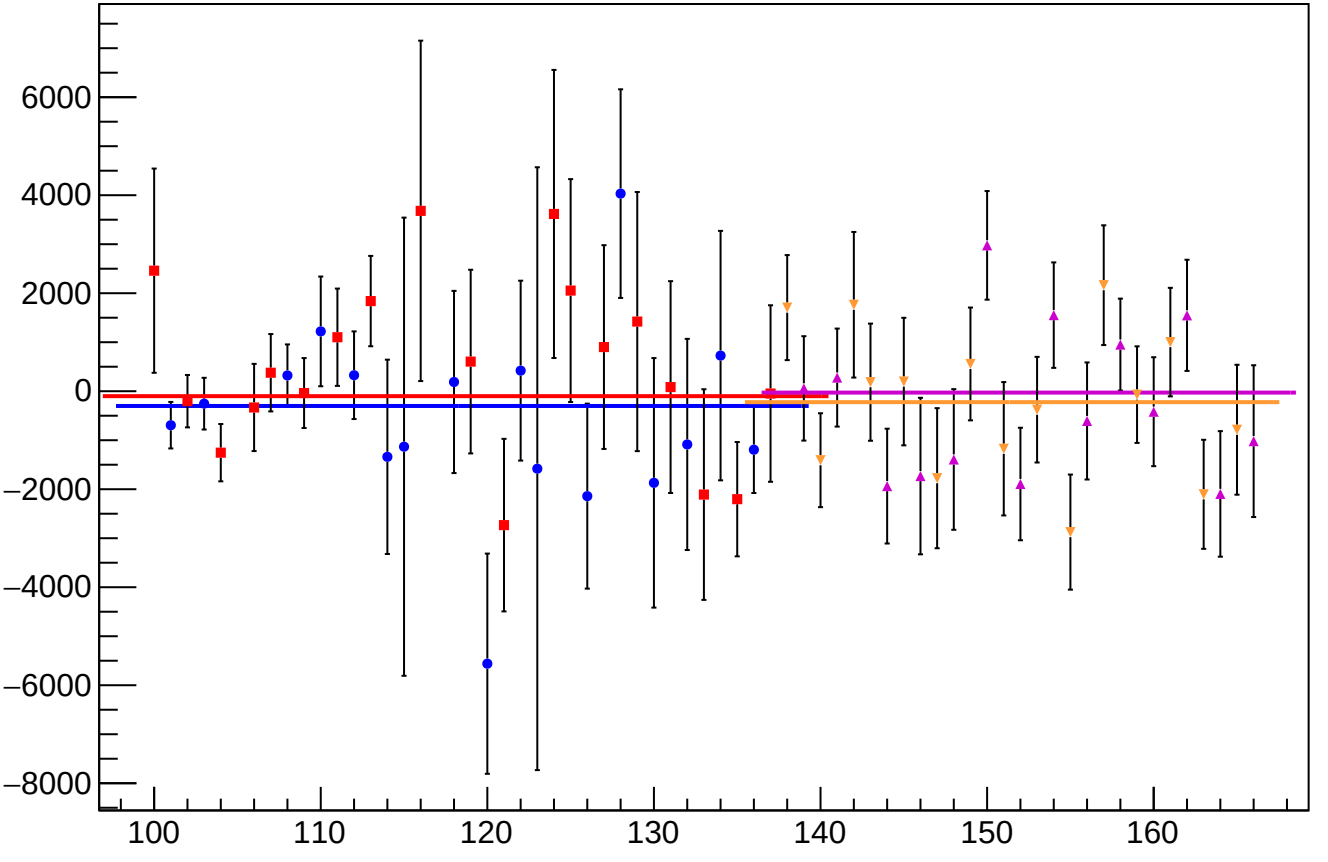
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1028.485+/-0.222 χ^2/NDF:363190.2/13

Out: 1013.493+/-0.217 χ^2/NDF:243635.3/14

All: 1020.819+/-0.155 χ^2/NDF: 609162.6/28

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF: 16.8/16

Left Out: -223.225+/-302.005 χ^2/NDF:22.1/14

Right Out: -100.857+/-245.981 χ^2/NDF: 22.5/18

Left In: -28.083+/-310.484 χ^2/NDF:23.3/13

Left: -128.355+/-216.485 χ^2/NDF: 45.7/28

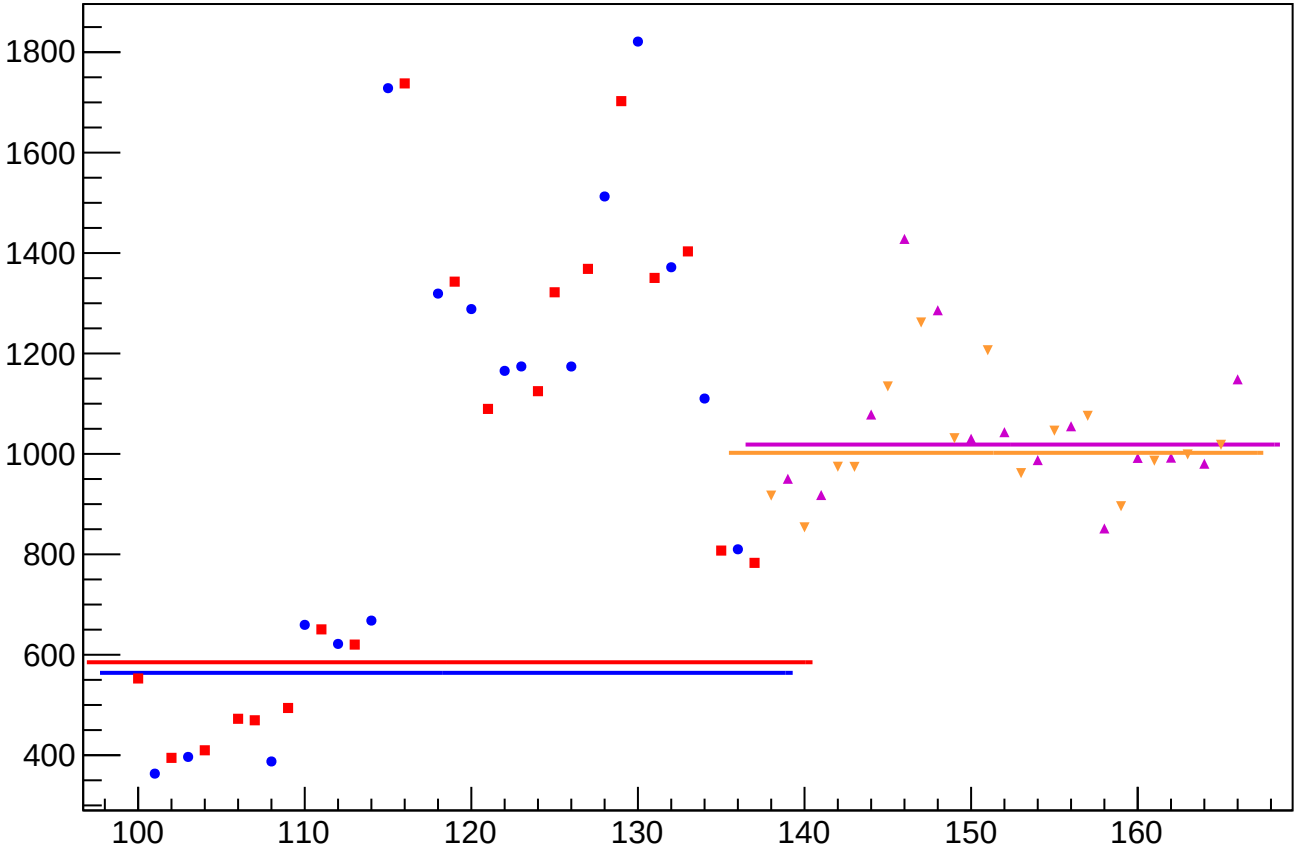
Right: -199.290+/-175.353 χ^2/NDF: 39.7/35

In: -193.632+/-194.743 χ^2/NDF:40.7/30

Out: -149.660+/-190.723 χ^2/NDF:44.8/33

All: -171.188+/-136.261 χ^2/NDF: 85.4/64

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF: 3261491.3/16

Left Out: 1002.158+/-0.214 χ^2/NDF:232256.3/14

Right Out: 585.070+/-0.174 χ^2/NDF: 2820837.8/18

Left In: 1018.620+/-0.220 χ^2/NDF:320693.7/13

Left: 1010.161+/-0.153 χ^2/NDF: 555839.0/28

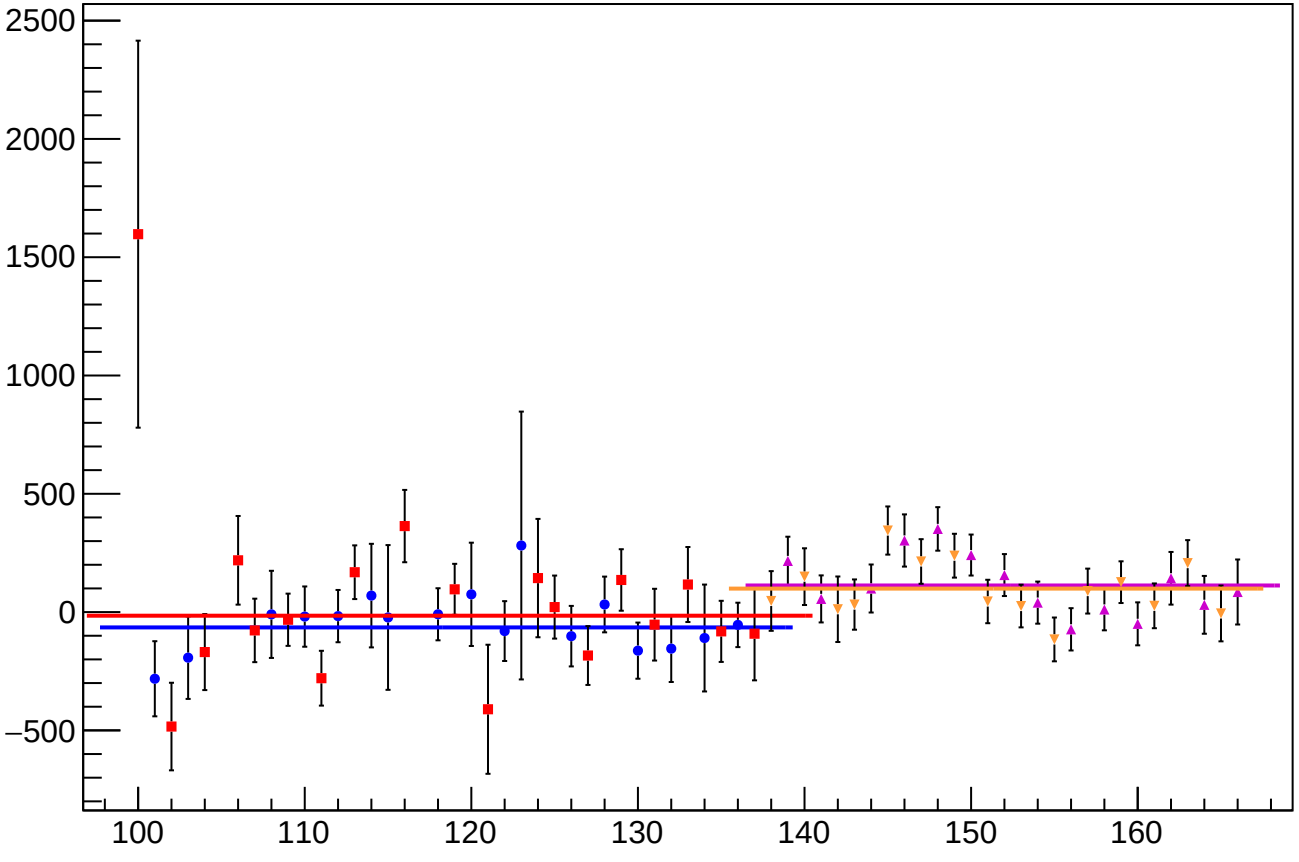
Right: 574.709+/-0.124 χ^2/NDF: 6089543.5/35

In: 742.854+/-0.138 χ^2/NDF:6183169.9/30

Out: 751.413+/-0.135 χ^2/NDF:5346399.5/33

All: 747.223+/-0.096 χ^2/NDF: 11531541.5/64

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797+/-34.629 χ^2/NDF: 6.2/16

Left Out: 99.248+/-25.941 χ^2/NDF:19.8/14

Right Out: -15.294+/-33.422 χ^2/NDF: 35.0/18

Left In: 112.452+/-26.199 χ^2/NDF:23.6/13

Left: 105.785+/-18.434 χ^2/NDF: 43.5/28

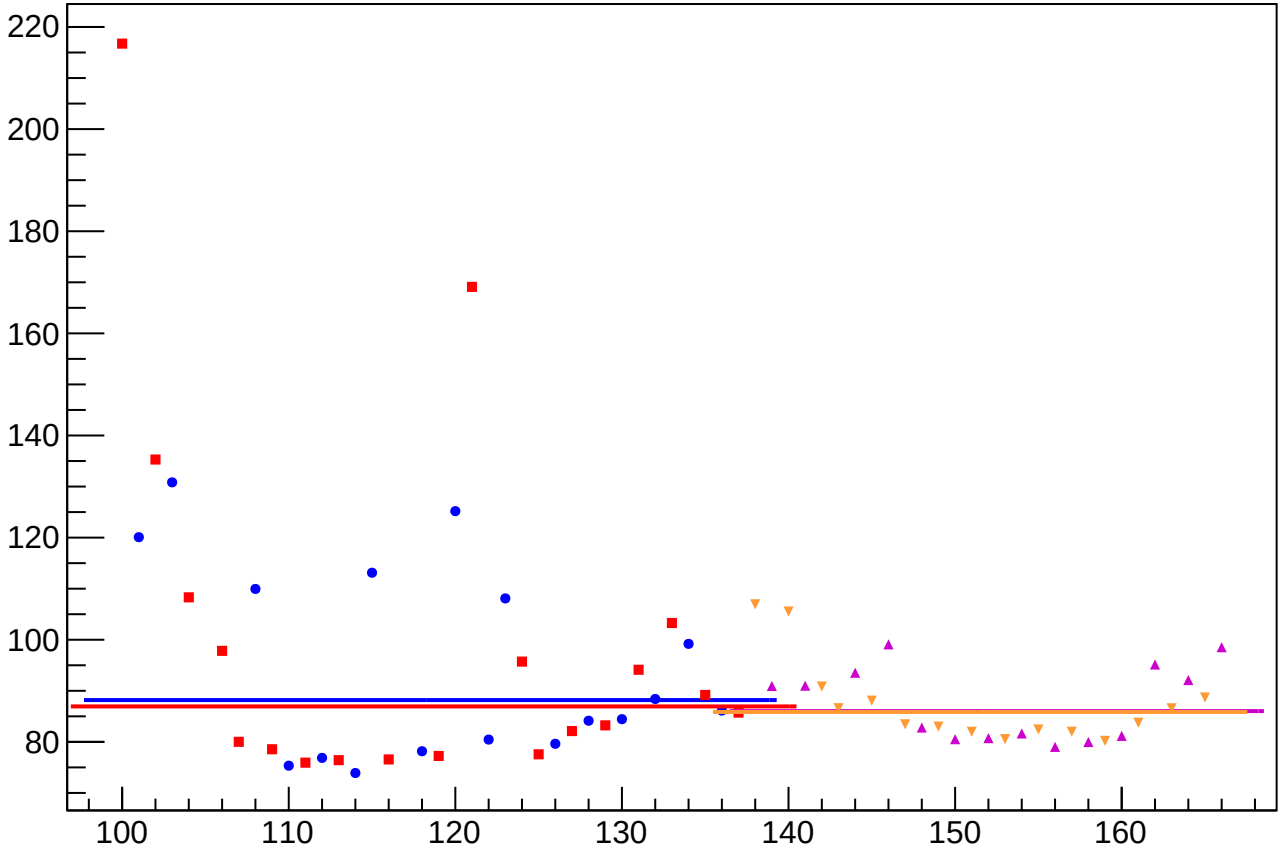
Right: -39.167+/-24.048 χ^2/NDF: 42.2/35

In: 47.929+/-20.893 χ^2/NDF:46.4/30

Out: 56.185+/-20.493 χ^2/NDF:62.1/33

All: 52.137+/-14.630 χ^2/NDF: 108.6/64

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF: 394447.7/16

Left Out: 85.856+/-0.018 χ^2/NDF:143602.1/14

Right Out: 86.943+/-0.024 χ^2/NDF: 531359.9/18

Left In: 86.026+/-0.019 χ^2/NDF:133573.2/13

Left: 85.940+/-0.013 χ^2/NDF: 277217.8/28

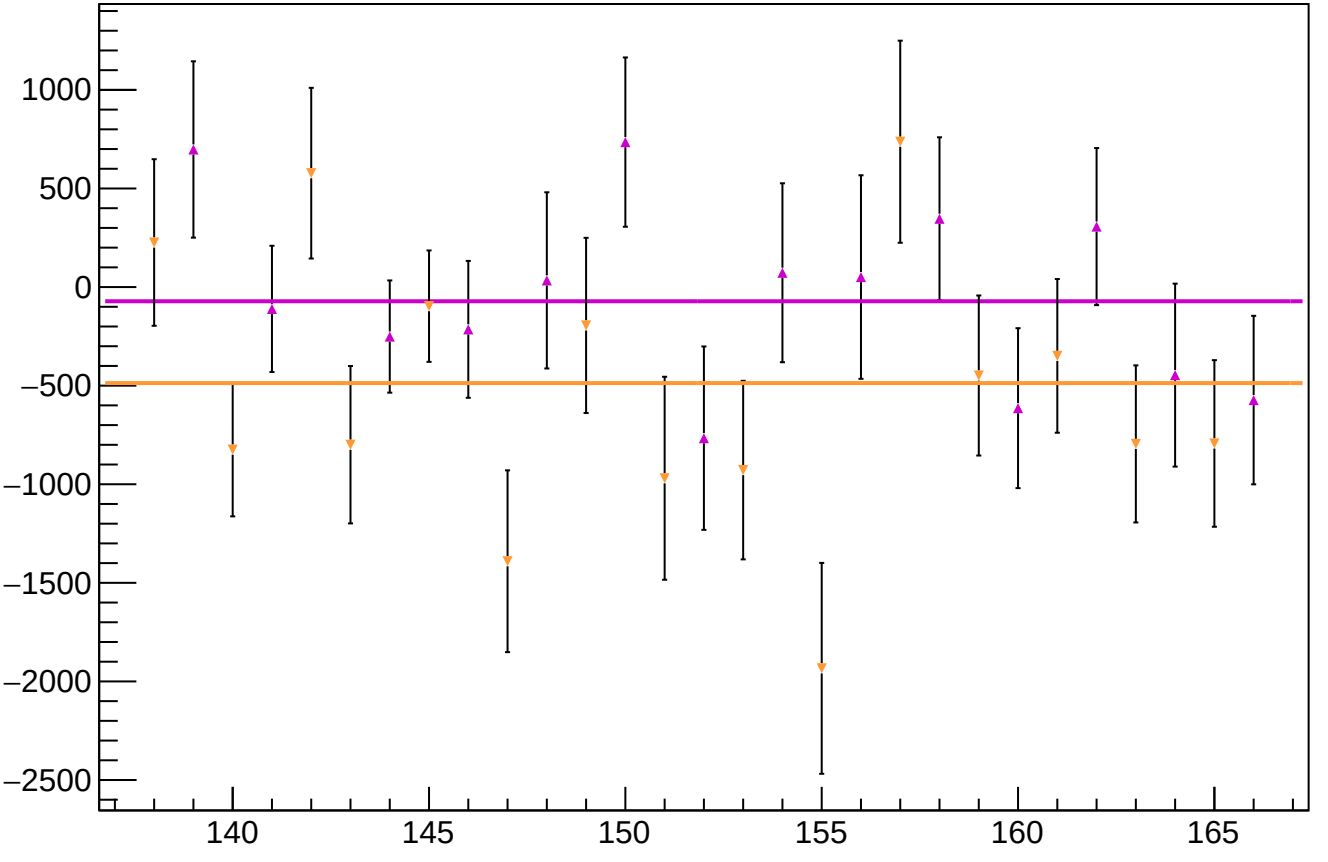
Right: 87.542+/-0.017 χ^2/NDF: 927142.1/35

In: 86.812+/-0.015 χ^2/NDF:532970.0/30

Out: 86.265+/-0.014 χ^2/NDF:676282.1/33

All: 86.533+/-0.010 χ^2/NDF: 1209952.7/64

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -486.947+/-106.134 χ^2/NDF:32.8/14

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

Left In: -71.964+/-106.947 χ^2/NDF:15.3/13

Left: -281.038+/-75.334 χ^2/NDF: 55.7/28

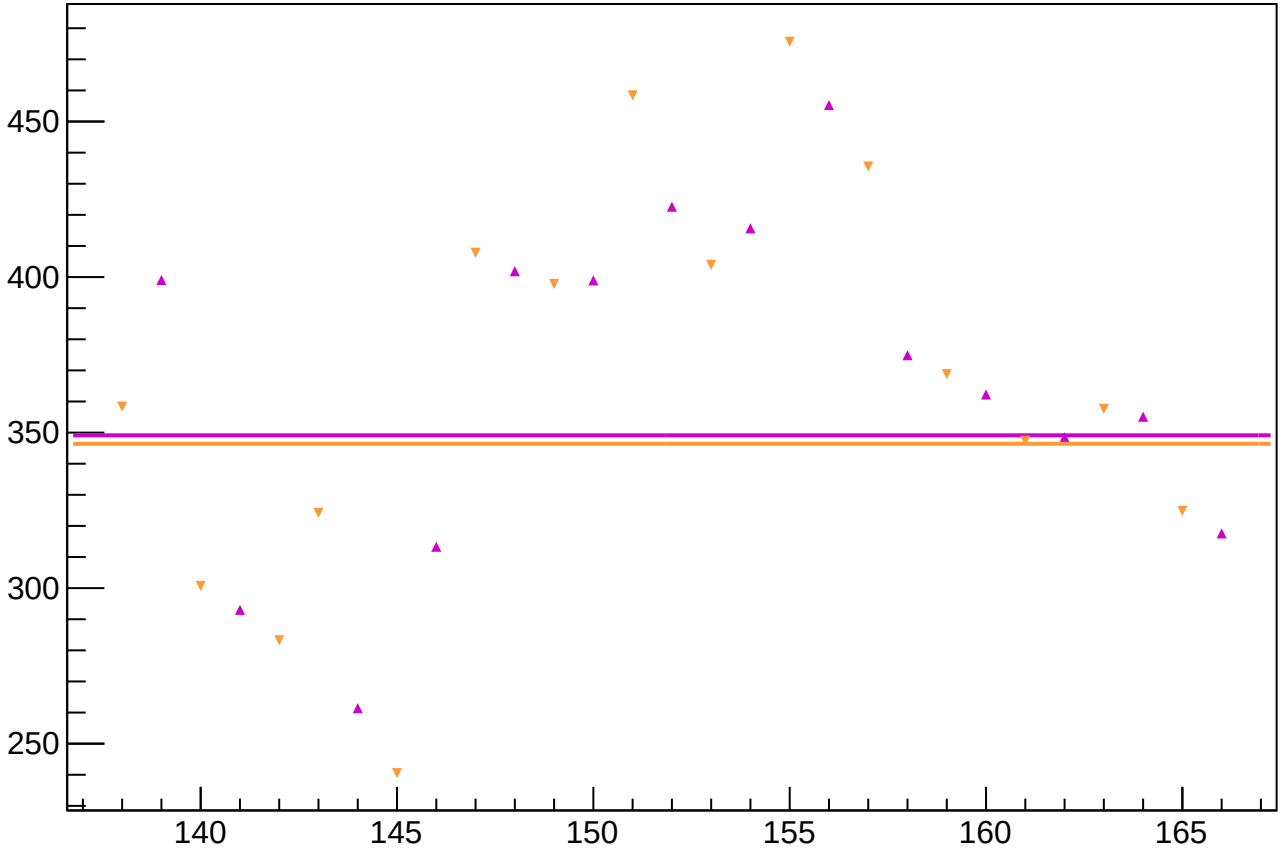
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -71.964+/-106.947 χ^2/NDF:15.3/13

Out: -486.947+/-106.134 χ^2/NDF:32.8/14

All: -281.038+/-75.334 χ^2/NDF: 55.7/28

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 346.405+/-0.075 χ^2/NDF:747244.6/14

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

Left In: 349.129+/-0.076 χ^2/NDF:551133.6/13

Left: 347.757+/-0.053 χ^2/NDF: 1299032.2/28

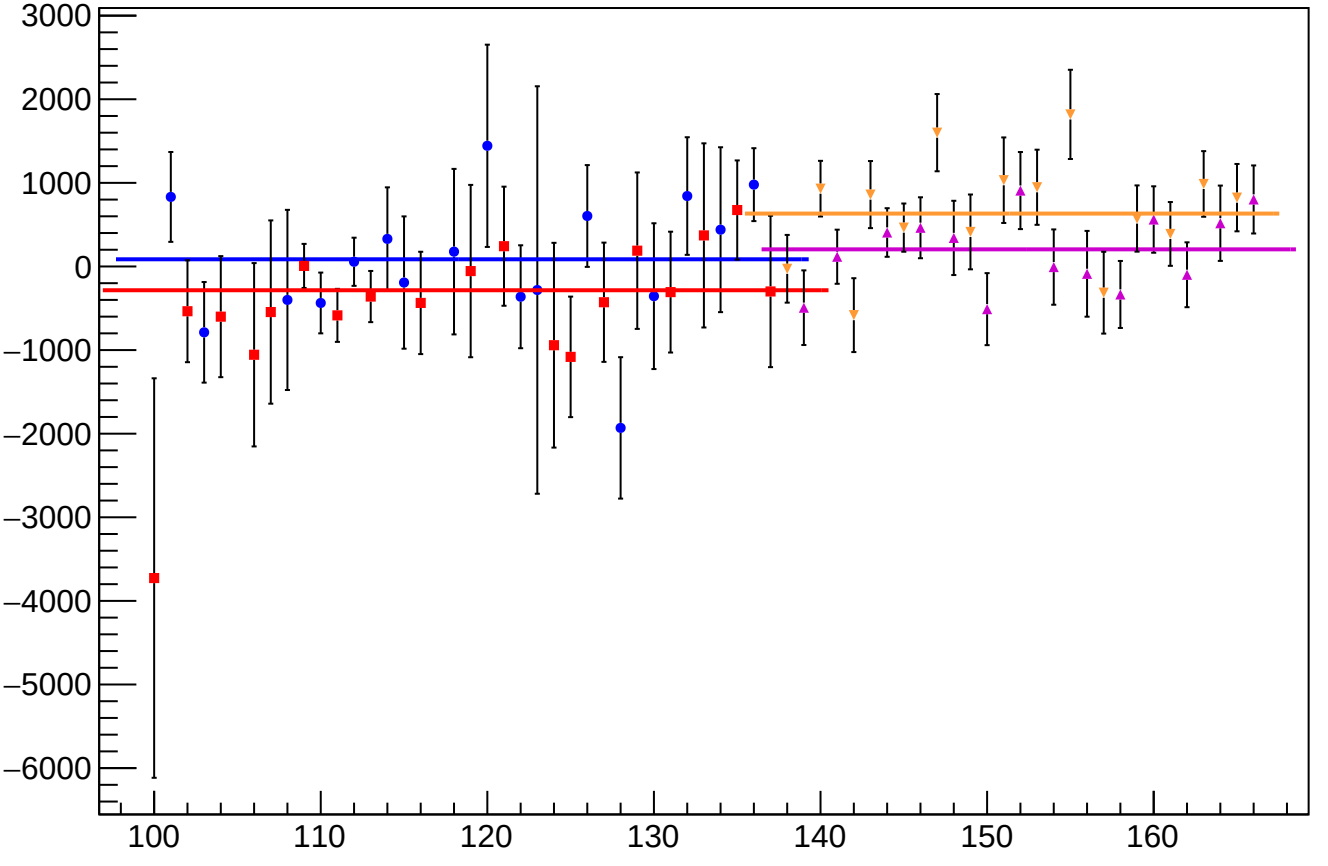
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 349.129+/-0.076 χ^2/NDF:551133.6/13

Out: 346.405+/-0.075 χ^2/NDF:747244.6/14

All: 347.757+/-0.053 χ^2/NDF: 1299032.2/28

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF: 20.6/16

Left Out: 632.596+/-105.094 χ^2/NDF:27.6/14

Right Out: -284.456+/-129.599 χ^2/NDF: 10.6/18

Left In: 204.724+/-106.601 χ^2/NDF:15.1/13

Left: 421.704+/-74.840 χ^2/NDF: 50.8/28

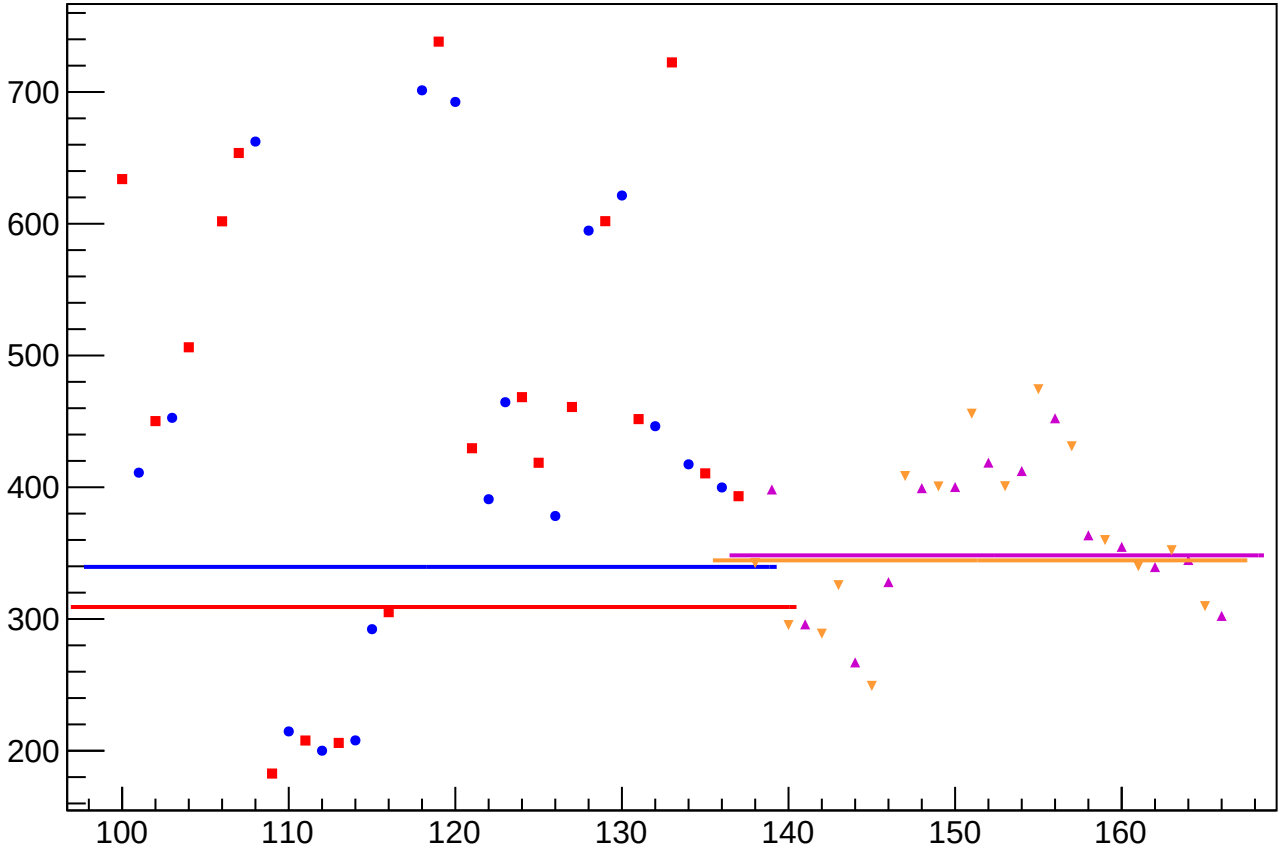
Right: -116.969+/-95.908 χ^2/NDF: 34.9/35

In: 162.094+/-85.381 χ^2/NDF:36.1/30

Out: 268.788+/-81.628 χ^2/NDF:68.4/33

All: 217.837+/-59.002 χ^2/NDF: 105.3/64

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553+/-0.101 χ^2/NDF: 2042244.1/16

Left Out: 344.509+/-0.074 χ^2/NDF:694070.0/14

Right Out: 309.105+/-0.092 χ^2/NDF: 2730308.7/18

Left In: 348.309+/-0.075 χ^2/NDF:494673.3/13

Left: 346.382+/-0.053 χ^2/NDF: 1190032.7/28

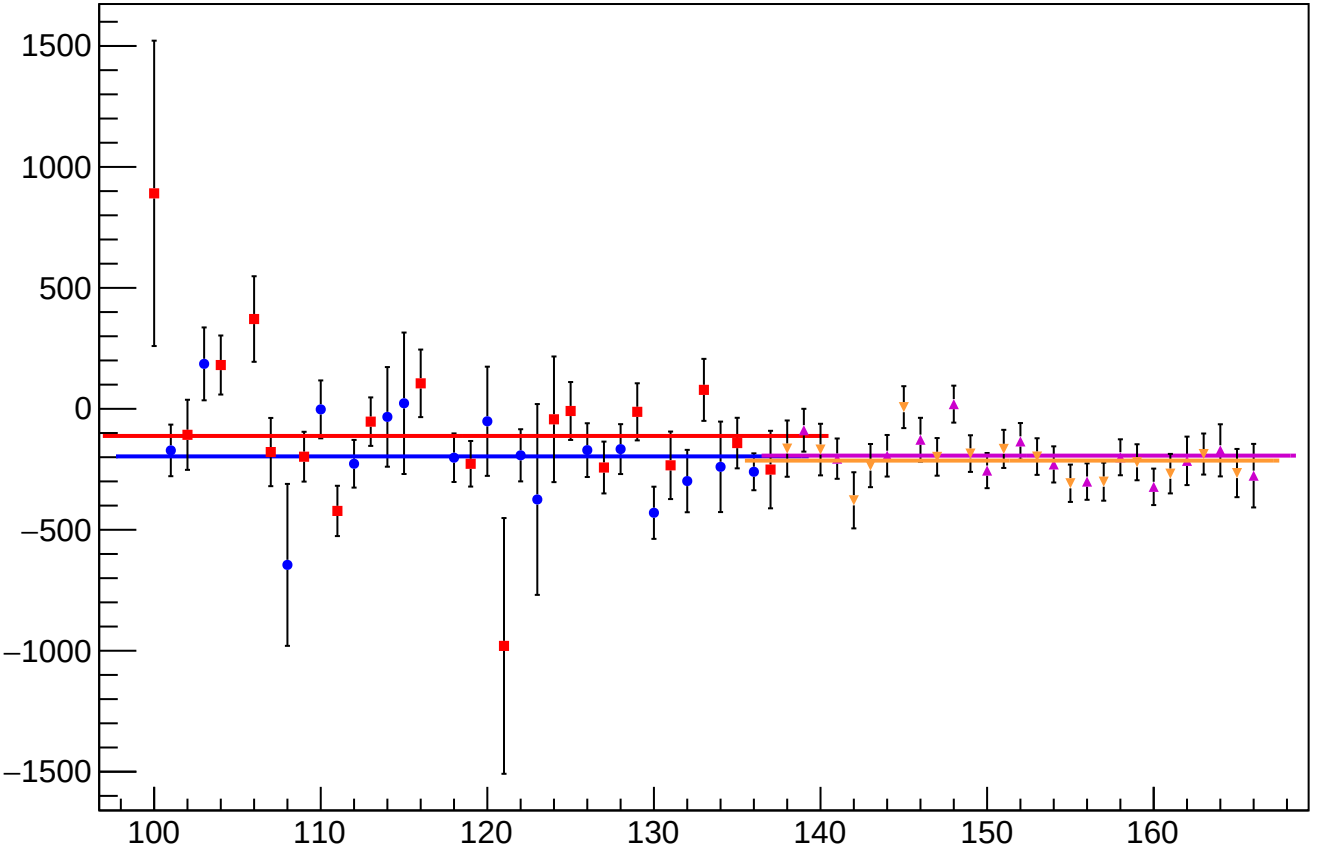
Right: 322.878+/-0.068 χ^2/NDF: 4822487.1/35

In: 345.170+/-0.060 χ^2/NDF:2541755.7/30

Out: 330.463+/-0.058 χ^2/NDF:3514420.4/33

All: 337.487+/-0.042 χ^2/NDF: 6087178.1/64

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599+/-30.399 χ^2/NDF: 19.0/16

Left Out: -213.964+/-21.980 χ^2/NDF:13.1/14

Right Out: -112.097+/-29.622 χ^2/NDF: 39.3/18

Left In: -193.404+/-22.256 χ^2/NDF:16.7/13

Left: -203.813+/-15.639 χ^2/NDF: 30.2/28

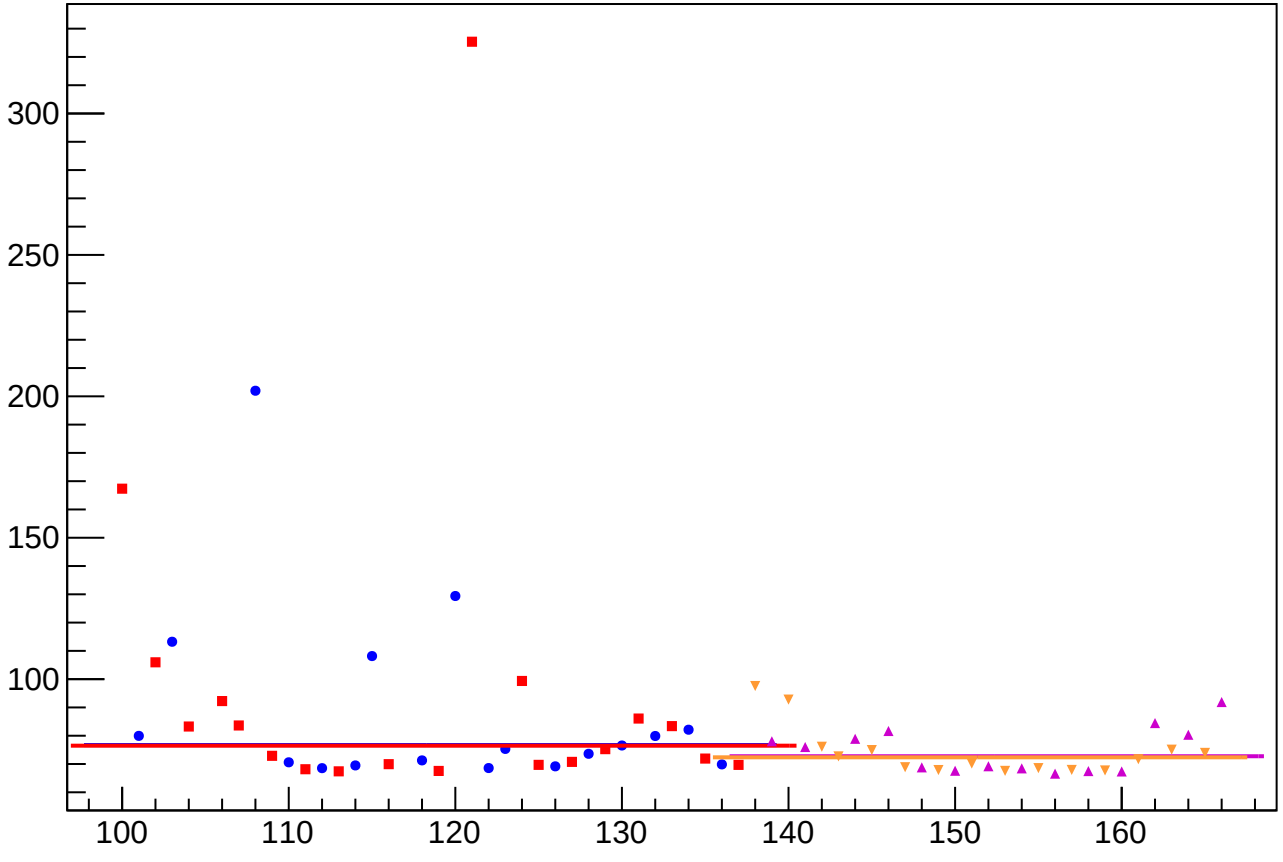
Right: -153.254+/-21.215 χ^2/NDF: 62.3/35

In: -194.519+/-17.958 χ^2/NDF:35.8/30

Out: -177.793+/-17.651 χ^2/NDF:60.0/33

All: -186.012+/-12.588 χ^2/NDF: 96.2/64

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692+/-0.021 χ^2/NDF: 600348.1/16

Left Out: 72.363+/-0.016 χ^2/NDF:213500.2/14

Right Out: 76.479+/-0.021 χ^2/NDF: 699361.8/18

Left In: 72.747+/-0.016 χ^2/NDF:179588.8/13

Left: 72.552+/-0.011 χ^2/NDF: 393390.0/28

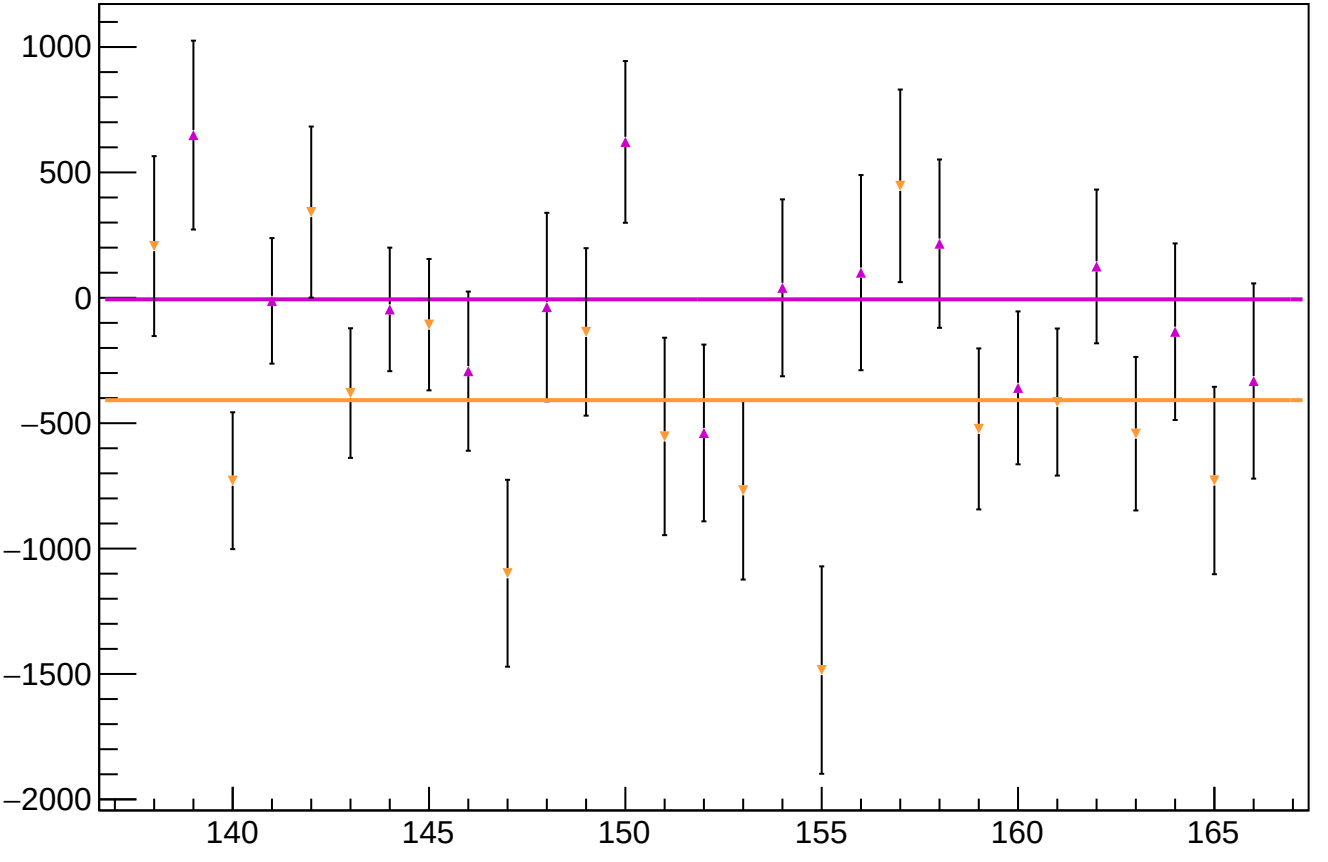
Right: 76.583+/-0.015 χ^2/NDF: 1299760.4/35

In: 74.123+/-0.013 χ^2/NDF:801871.0/30

Out: 73.824+/-0.012 χ^2/NDF:937765.0/33

All: 73.971+/-0.009 χ^2/NDF: 1739918.0/64

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -408.179+/-84.020 χ^2/NDF:28.5/14

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

Left In: -6.150+/-86.466 χ^2/NDF:12.8/13

Left: -212.932+/-60.257 χ^2/NDF: 52.5/28

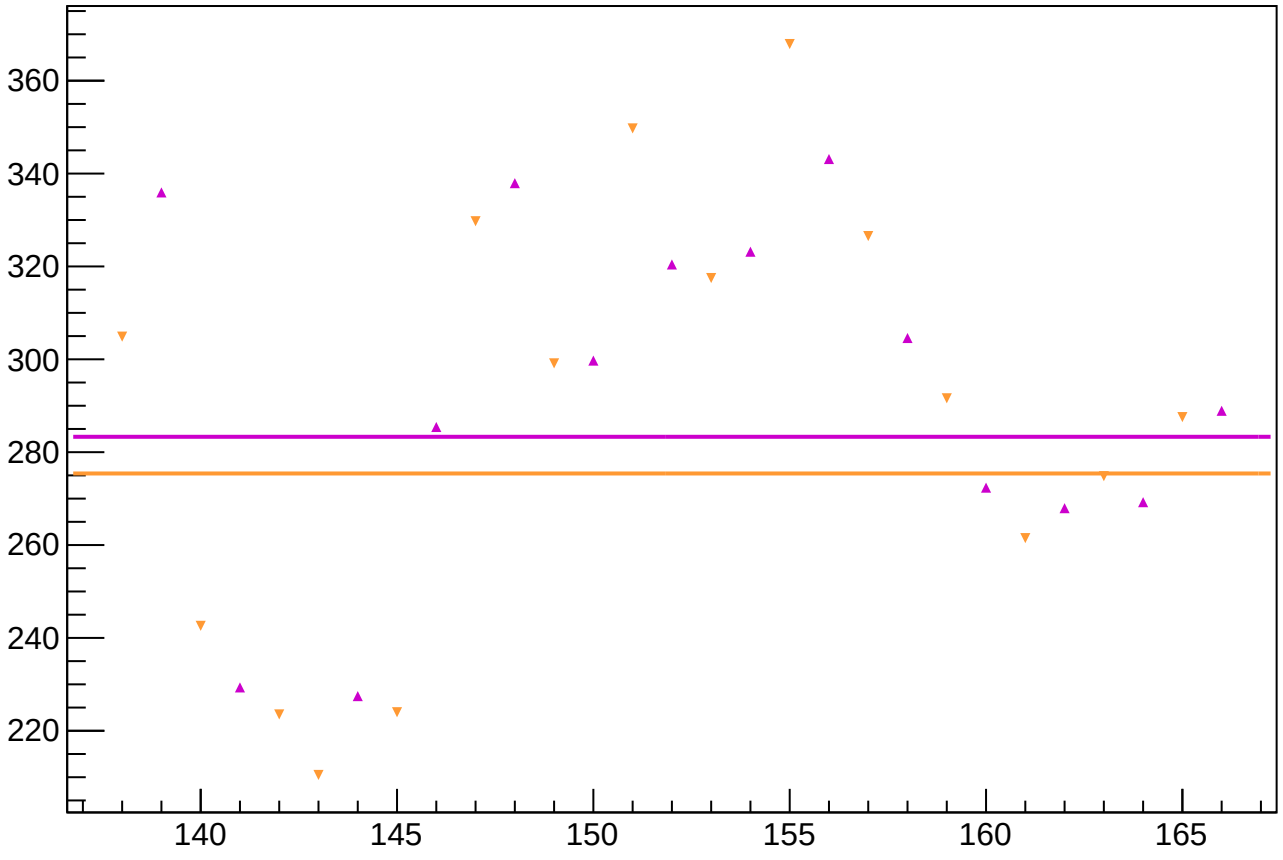
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.150+/-86.466 χ^2/NDF:12.8/13

Out: -408.179+/-84.020 χ^2/NDF:28.5/14

All: -212.932+/-60.257 χ^2/NDF: 52.5/28

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 275.413+/-0.059 χ^2/NDF:590992.1/14

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

Left In: 283.313+/-0.061 χ^2/NDF:396574.1/13

Left: 279.250+/-0.043 χ^2/NDF: 996153.8/28

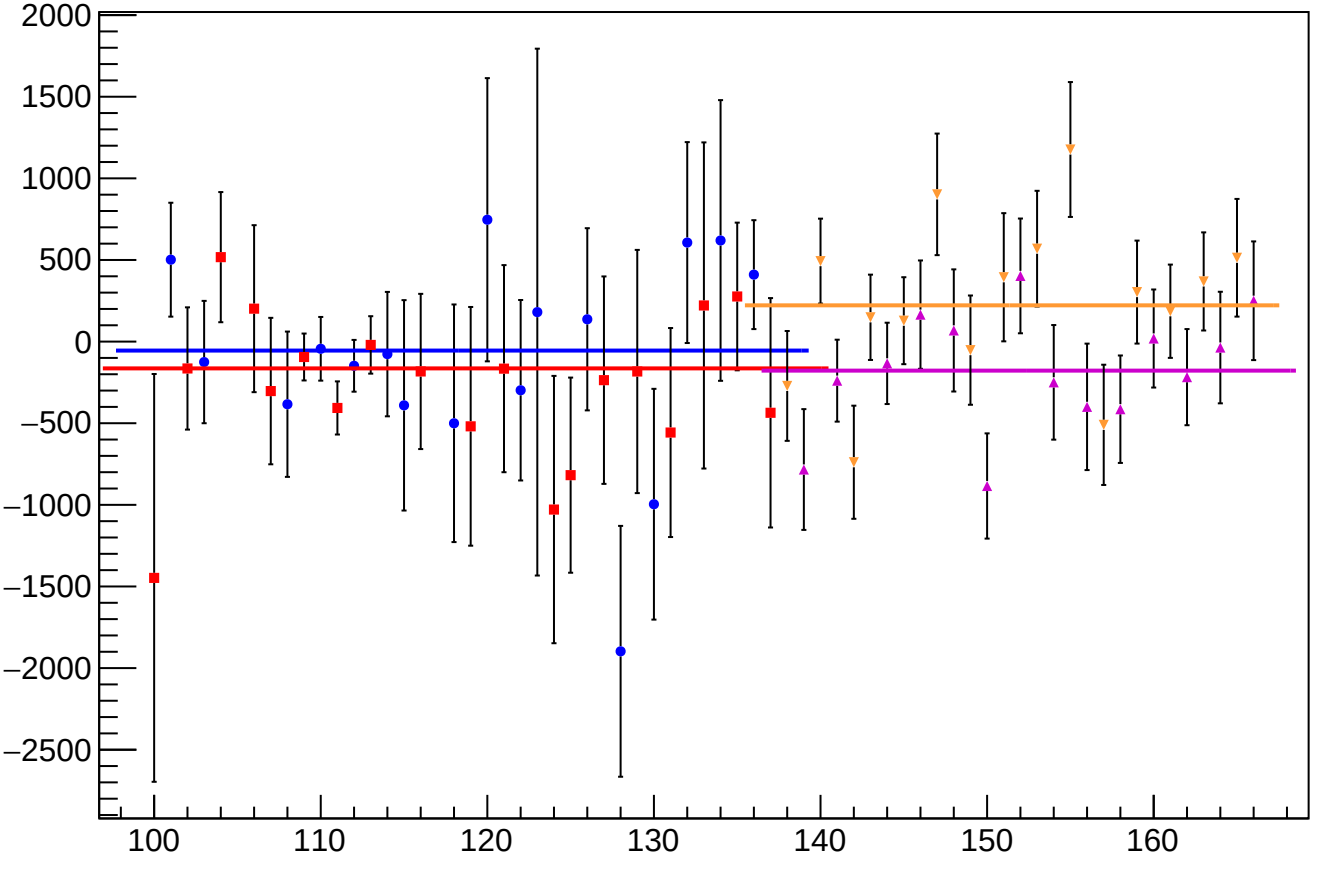
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 283.313+/-0.061 χ^2/NDF:396574.1/13

Out: 275.413+/-0.059 χ^2/NDF:590992.1/14

All: 279.250+/-0.043 χ^2/NDF: 996153.8/28

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933+/-90.355 χ^2/NDF: 16.5/16

Left Out: 222.139+/-82.880 χ^2/NDF:26.6/14

Right Out: -164.141+/-76.903 χ^2/NDF: 11.9/18

Left In: -177.783+/-85.746 χ^2/NDF:14.7/13

Left: 28.973+/-59.593 χ^2/NDF: 52.5/28

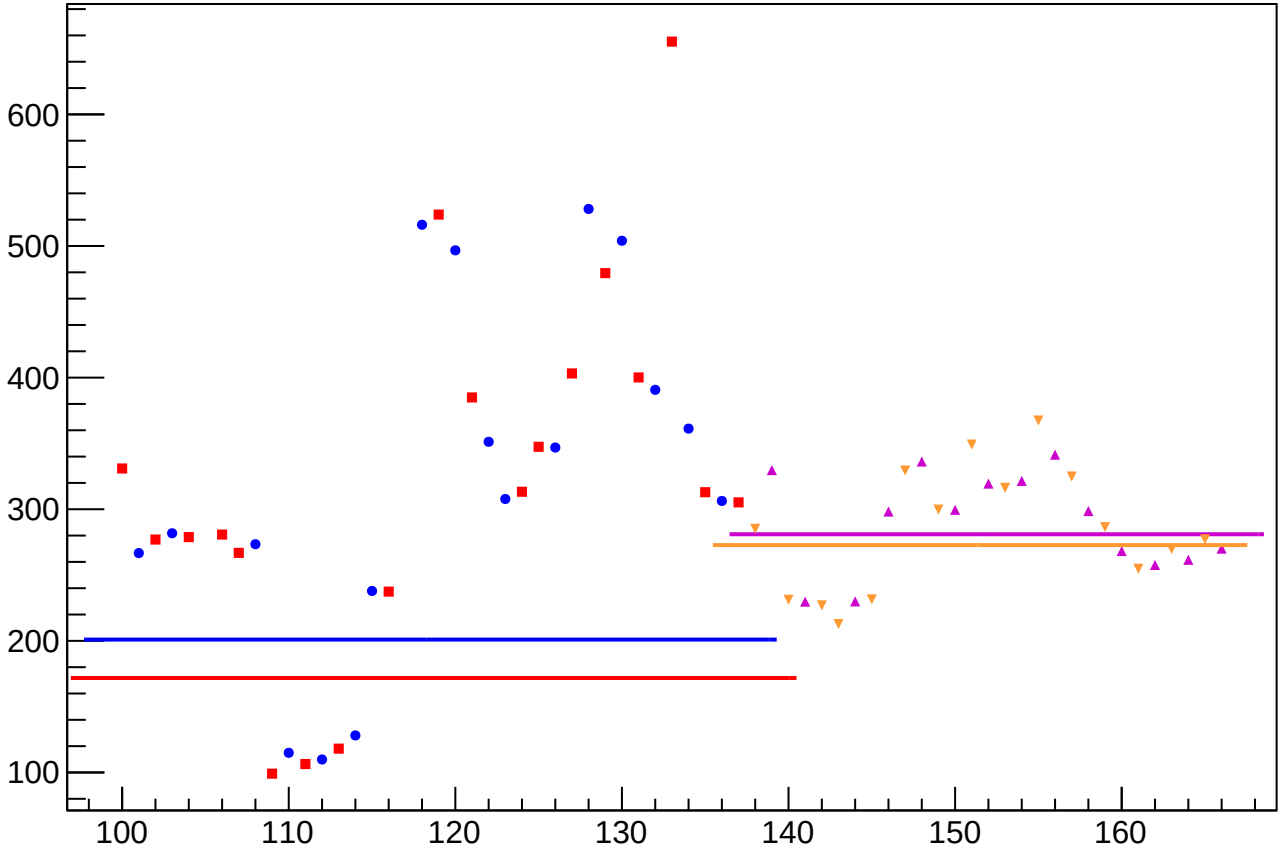
Right: -118.264+/-58.563 χ^2/NDF: 29.3/35

In: -119.571+/-62.197 χ^2/NDF:32.2/30

Out: 14.569+/-56.373 χ^2/NDF:50.1/33

All: -45.928+/-41.770 χ^2/NDF: 84.9/64

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF: 3436154.0/16

Left Out: 272.767+/-0.059 χ^2/NDF:564127.6/14

Right Out: 171.794+/-0.054 χ^2/NDF: 4092634.7/18

Left In: 281.000+/-0.061 χ^2/NDF:386836.0/13

Left: 276.744+/-0.042 χ^2/NDF: 960497.5/28

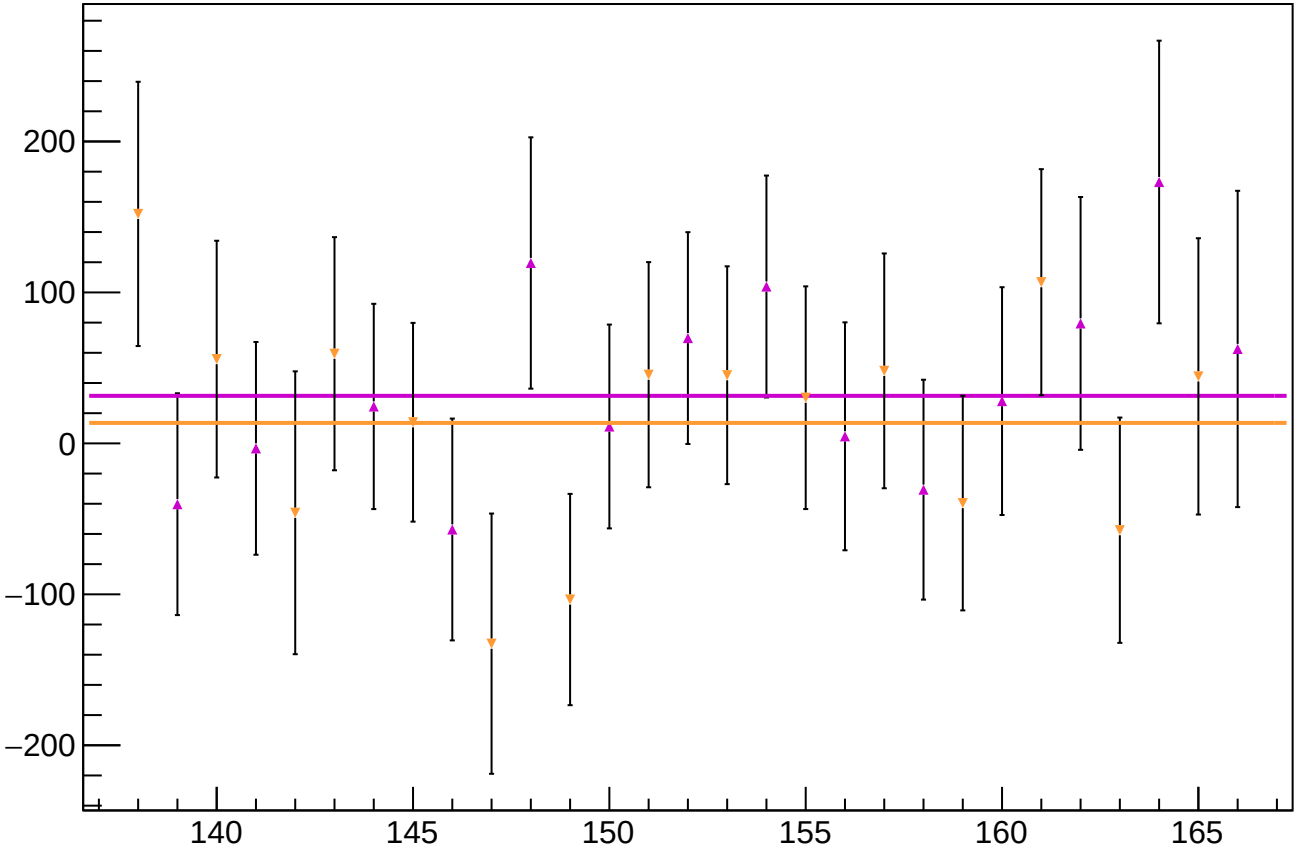
Right: 184.051+/-0.041 χ^2/NDF: 7649725.9/35

In: 243.079+/-0.044 χ^2/NDF:4648531.3/30

Out: 218.508+/-0.040 χ^2/NDF:6251902.8/33

All: 229.590+/-0.030 χ^2/NDF: 11071782.6/64

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 13.558+/-19.840 χ^2/NDF:13.0/14

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

Left In: 31.492+/-20.297 χ^2/NDF:8.7/13

Left: 22.321+/-14.188 χ^2/NDF: 22.1/28

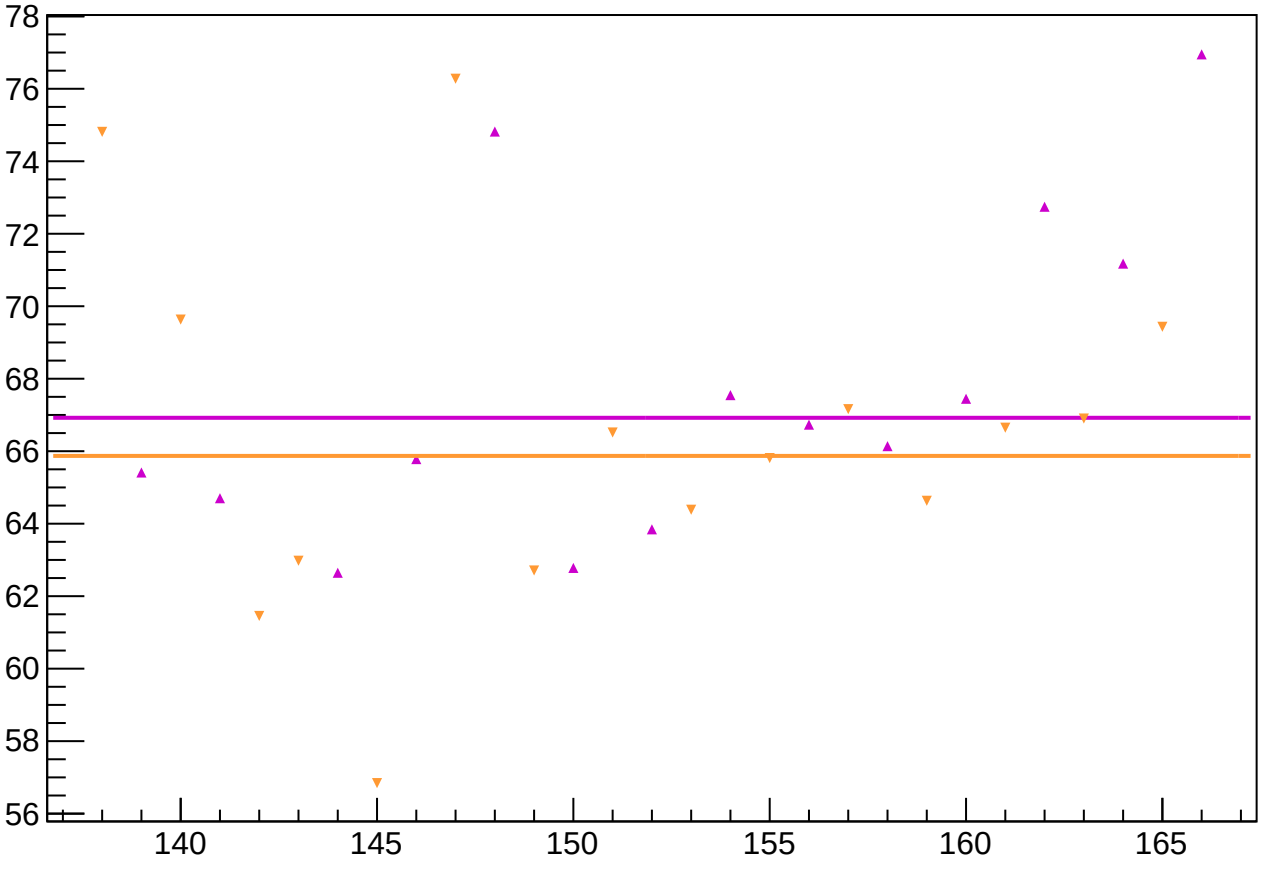
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 31.492+/-20.297 χ^2/NDF:8.7/13

Out: 13.558+/-19.840 χ^2/NDF:13.0/14

All: 22.321+/-14.188 χ^2/NDF: 22.1/28

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 65.870+/-0.014 χ^2/NDF:109331.2/14

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

Left In: 66.922+/-0.014 χ^2/NDF:73199.9/13

Left: 66.384+/-0.010 χ^2/NDF: 185275.9/28

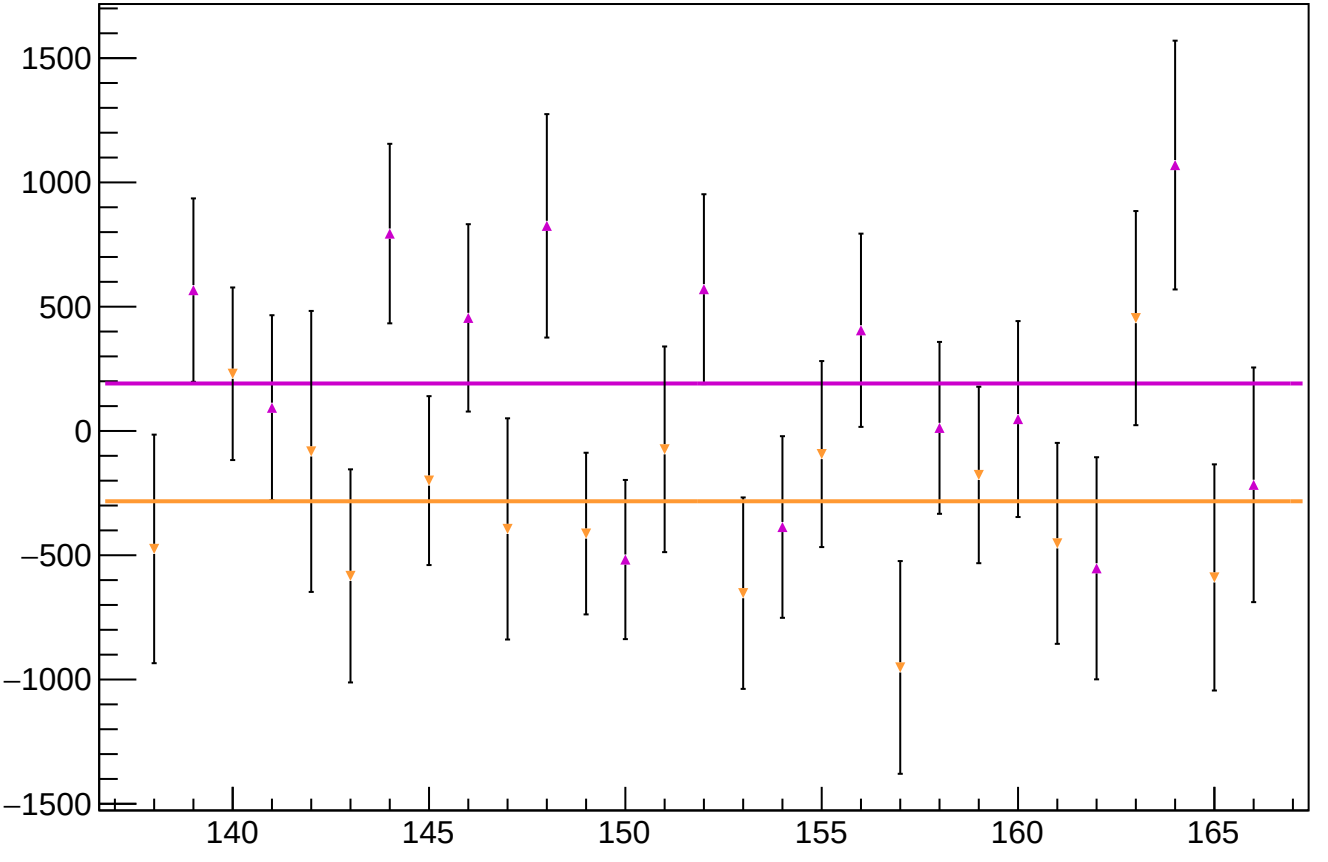
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 66.922+/-0.014 χ^2/NDF:73199.9/13

Out: 65.870+/-0.014 χ^2/NDF:109331.2/14

All: 66.384+/-0.010 χ^2/NDF: 185275.9/28

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -282.829+/-103.019 χ^2/NDF:10.8/14

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

Left In: 191.053+/-103.570 χ^2/NDF:22.1/13

Left: -47.154+/-73.039 χ^2/NDF: 43.4/28

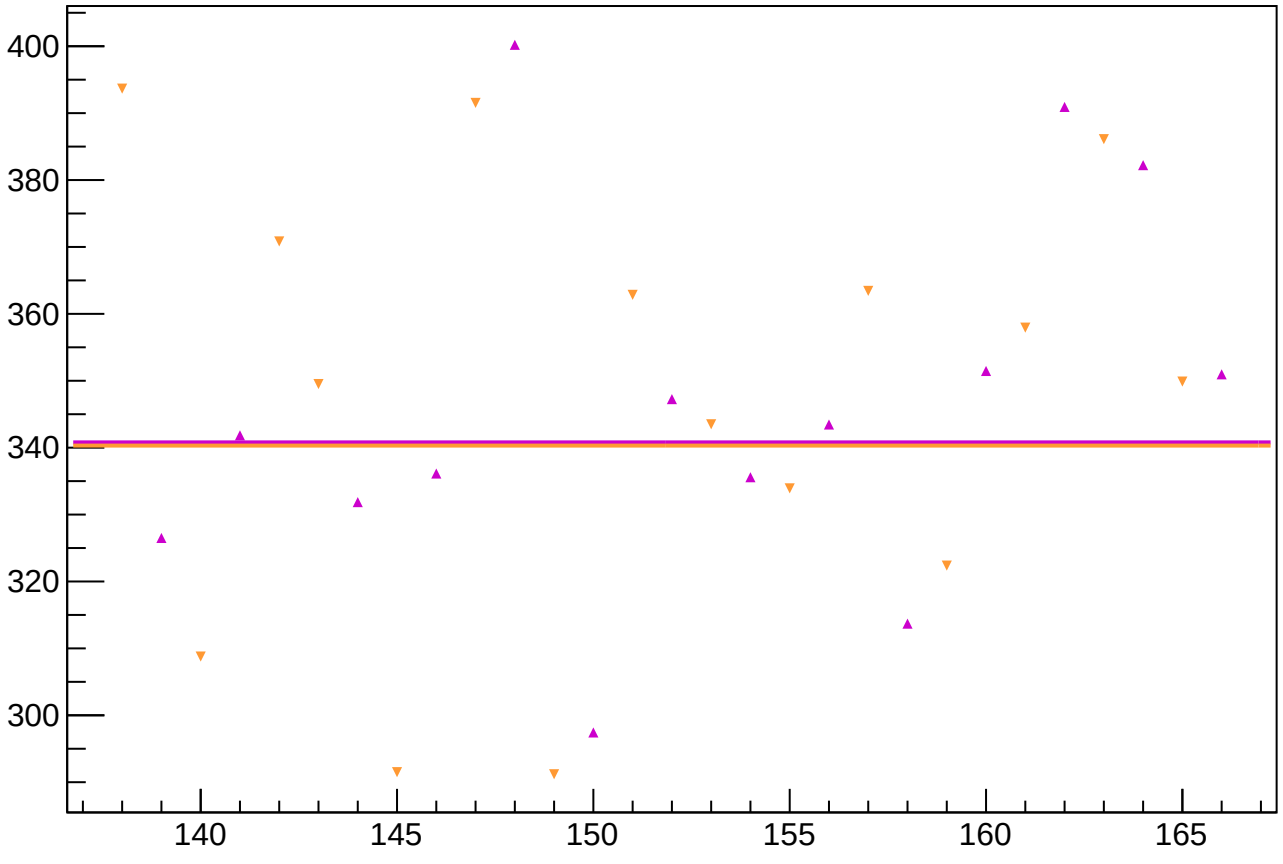
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 191.053+/-103.570 χ^2/NDF:22.1/13

Out: -282.829+/-103.019 χ^2/NDF:10.8/14

All: -47.154+/-73.039 χ^2/NDF: 43.4/28

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 340.311+/-0.073 χ^2/NDF:208473.5/14

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

Left In: 340.791+/-0.073 χ^2/NDF:130808.6/13

Left: 340.550+/-0.052 χ^2/NDF: 339303.7/28

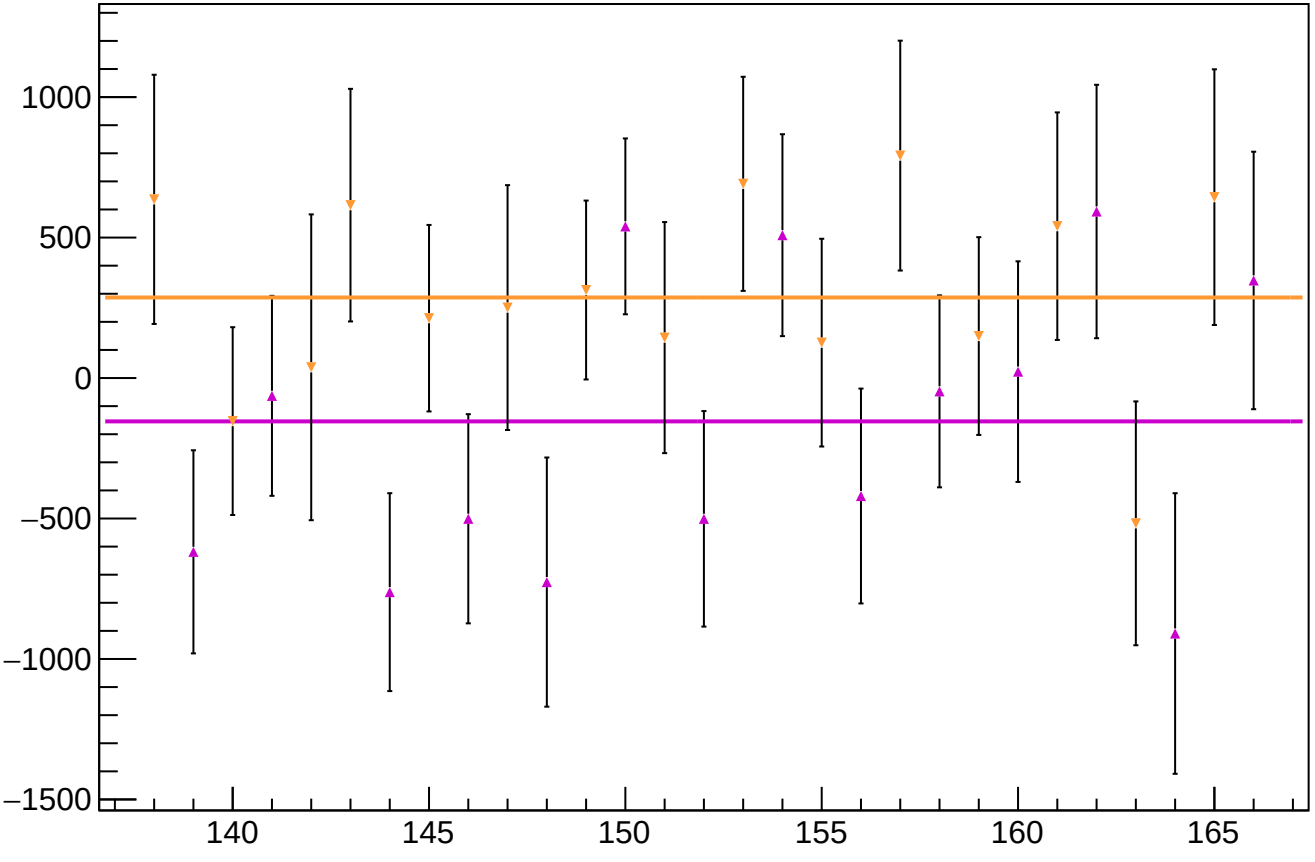
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 340.791+/-0.073 χ^2/NDF:130808.6/13

Out: 340.311+/-0.073 χ^2/NDF:208473.5/14

All: 340.550+/-0.052 χ^2/NDF: 339303.7/28

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 286.742+/-101.093 χ^2/NDF:10.8/14

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

Left In: -154.292+/-101.939 χ^2/NDF:23.4/13

Left: 68.063+/-71.781 χ^2/NDF: 43.6/28

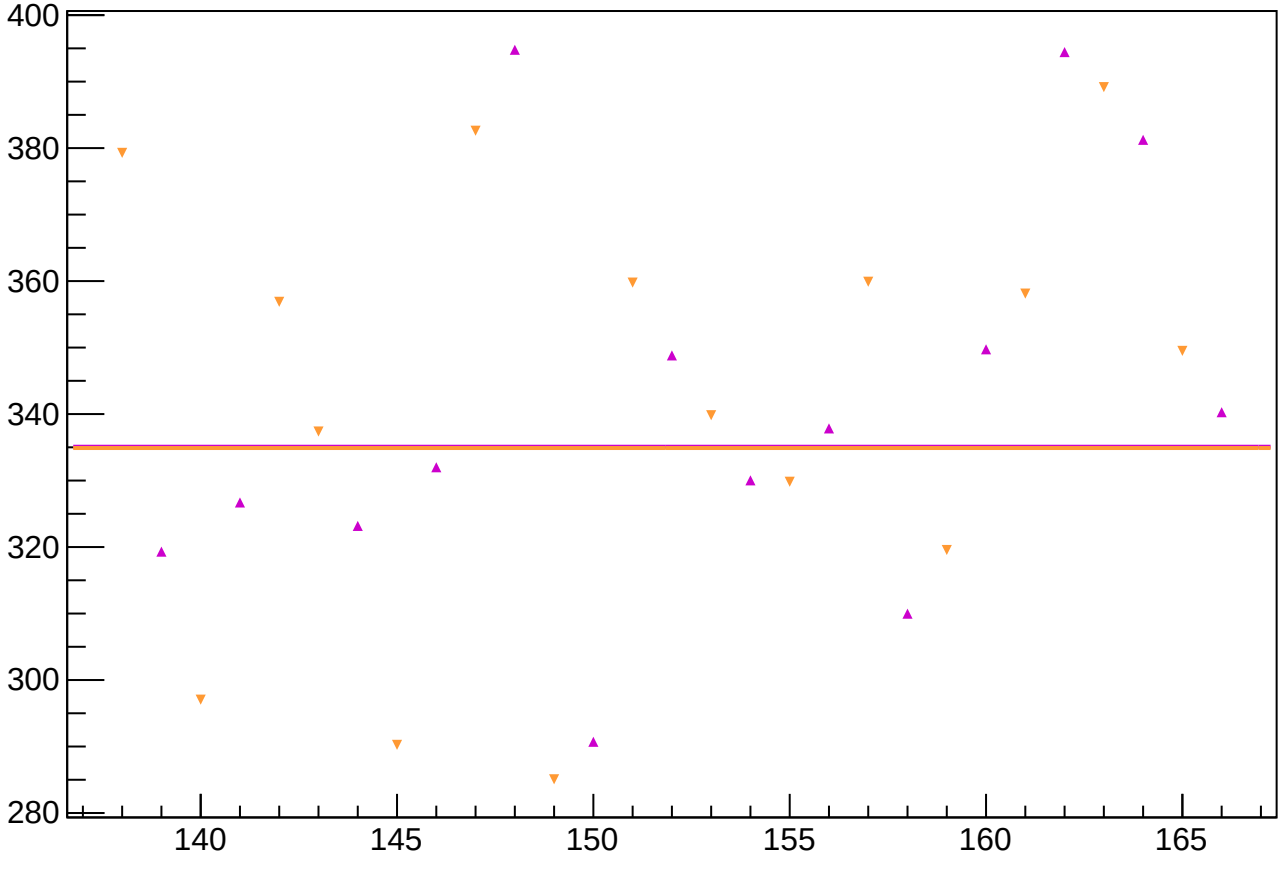
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -154.292+/-101.939 χ^2/NDF:23.4/13

Out: 286.742+/-101.093 χ^2/NDF:10.8/14

All: 68.063+/-71.781 χ^2/NDF: 43.6/28

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 334.893+/-0.071 χ^2/NDF:217365.5/14

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

Left In: 335.087+/-0.072 χ^2/NDF:152413.1/13

Left: 334.989+/-0.051 χ^2/NDF: 369782.3/28

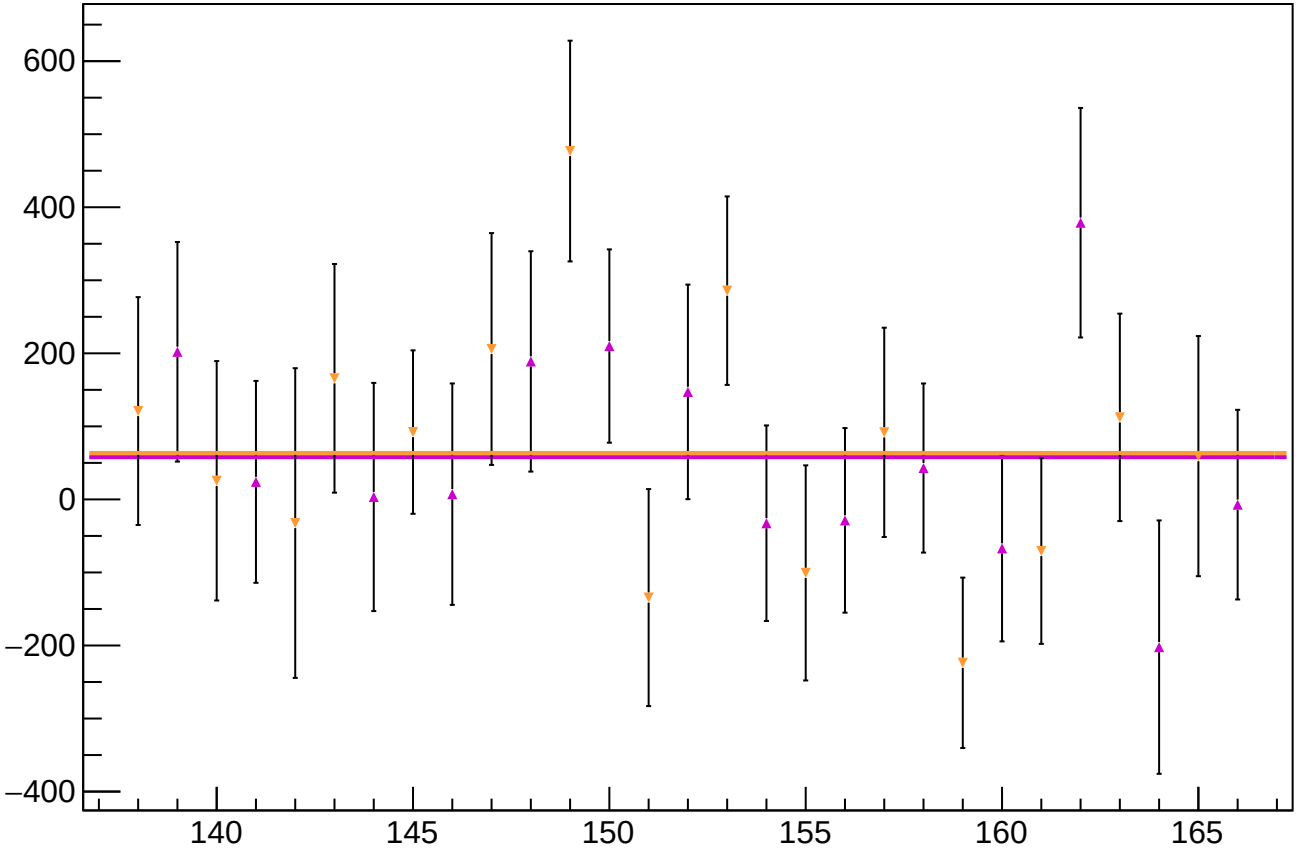
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 335.087+/-0.072 χ^2/NDF:152413.1/13

Out: 334.893+/-0.071 χ^2/NDF:217365.5/14

All: 334.989+/-0.051 χ^2/NDF: 369782.3/28

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 63.631+/-37.090 χ^2/NDF:22.5/14

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

Left In: 57.822+/-37.365 χ^2/NDF:12.2/13

Left: 60.748+/-26.323 χ^2/NDF: 34.7/28

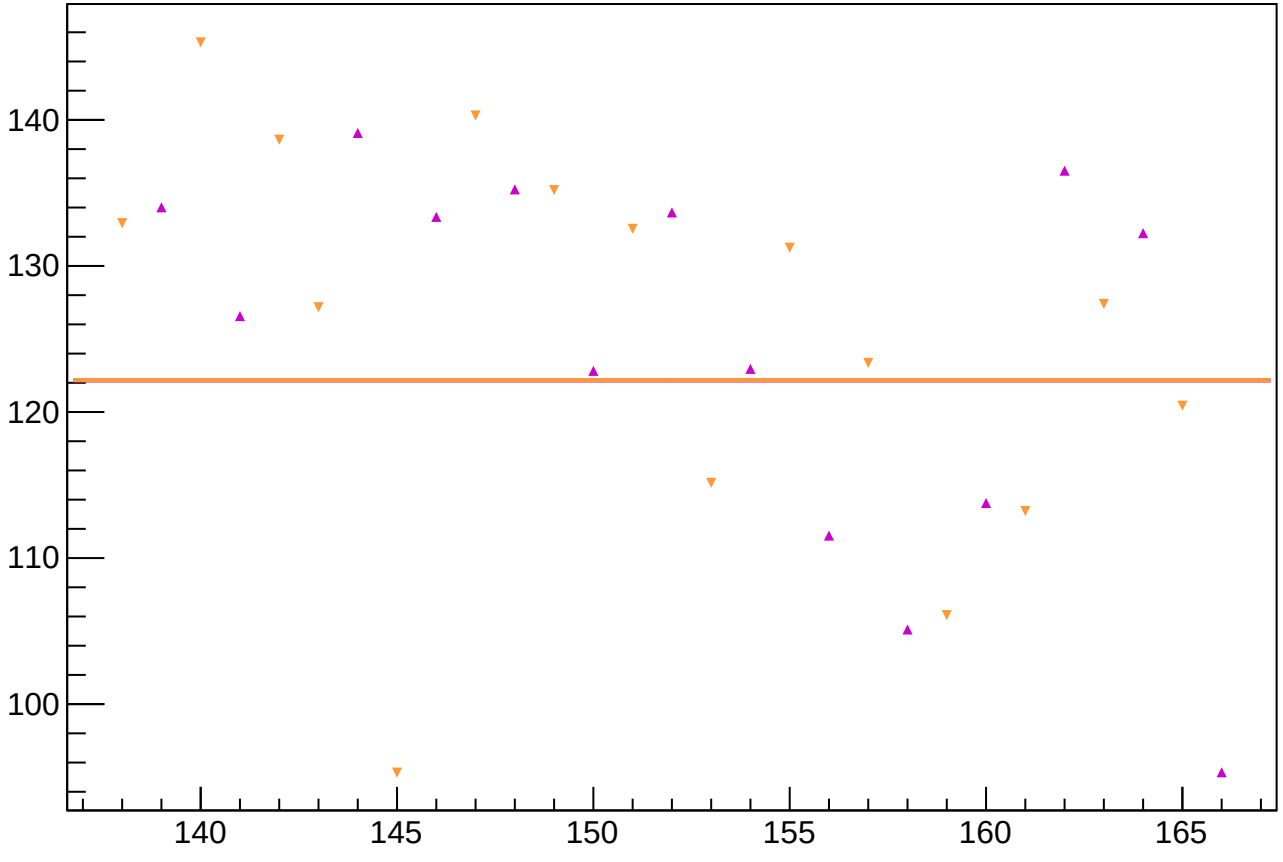
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 57.822+/-37.365 χ^2/NDF:12.2/13

Out: 63.631+/-37.090 χ^2/NDF:22.5/14

All: 60.748+/-26.323 χ^2/NDF: 34.7/28

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 122.176+/-0.026 χ^2/NDF:293936.1/14

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

Left In: 122.160+/-0.026 χ^2/NDF:251404.4/13

Left: 122.168+/-0.019 χ^2/NDF: 545340.8/28

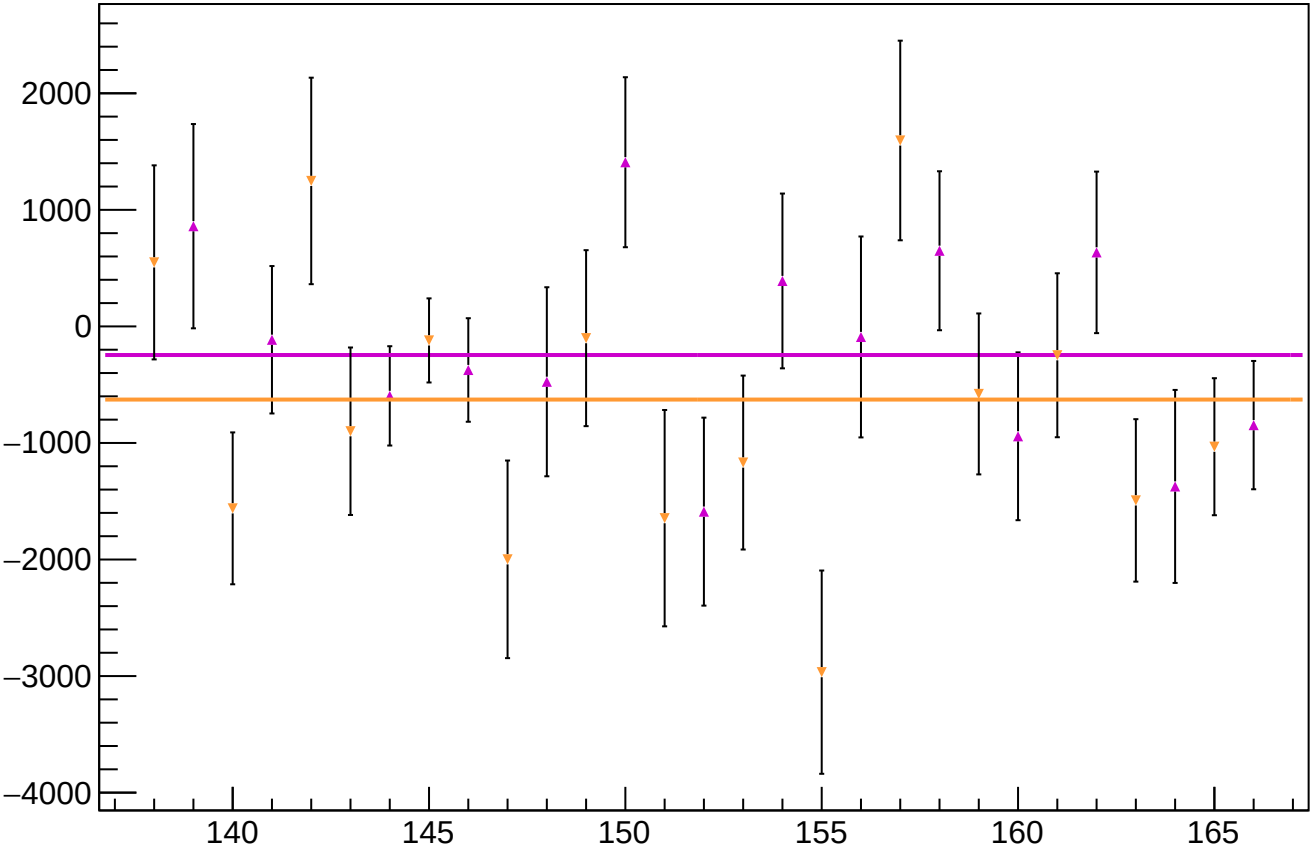
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 122.160+/-0.026 χ^2/NDF:251404.4/13

Out: 122.176+/-0.026 χ^2/NDF:293936.1/14

All: 122.168+/-0.019 χ^2/NDF: 545340.8/28

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -627.664+/-175.277 χ^2/NDF:31.7/14

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

Left In: -245.442+/-173.120 χ^2/NDF:18.5/13

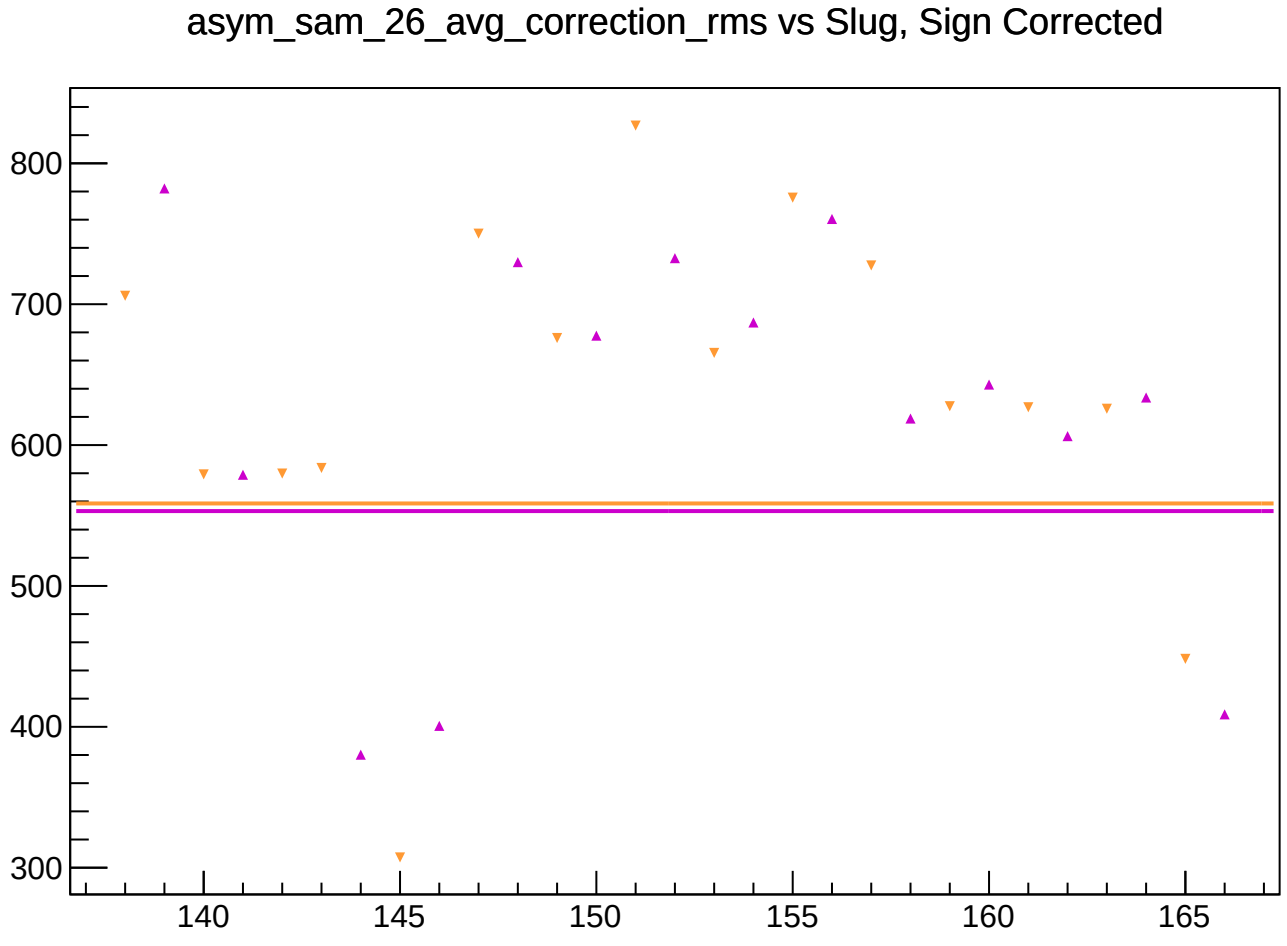
Left: -434.187+/-123.170 χ^2/NDF: 52.6/28

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -245.442+/-173.120 χ^2/NDF:18.5/13

Out: -627.664+/-175.277 χ^2/NDF:31.7/14

All: -434.187+/-123.170 χ^2/NDF: 52.6/28



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

Left Out: 558.564+/-0.124 χ^2/NDF:1727009.8/14

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

Left In: 553.150+/-0.122 χ^2/NDF:1354898.3/13

Left: 555.824+/-0.087 χ^2/NDF: 3082874.2/28

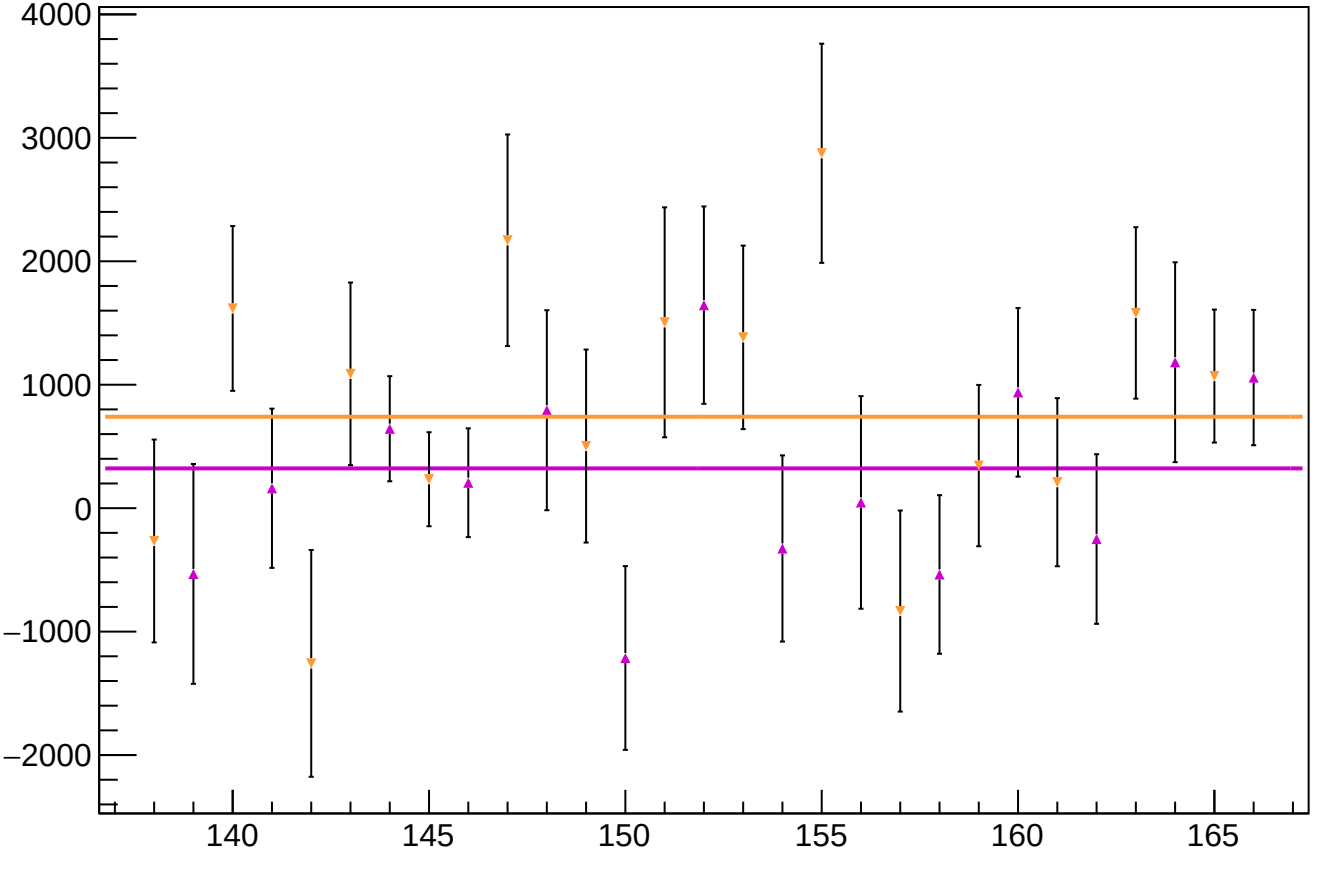
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 553.150+/-0.122 χ^2/NDF:1354898.3/13

Out: 558.564+/-0.124 χ^2/NDF:1727009.8/14

All: 555.824+/-0.087 χ^2/NDF: 3082874.2/28

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 740.636+/-175.715 χ^2/NDF:26.6/14

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

Left In: 322.118+/-171.828 χ^2/NDF:16.0/13

Left: 526.697+/-122.852 χ^2/NDF: 45.5/28

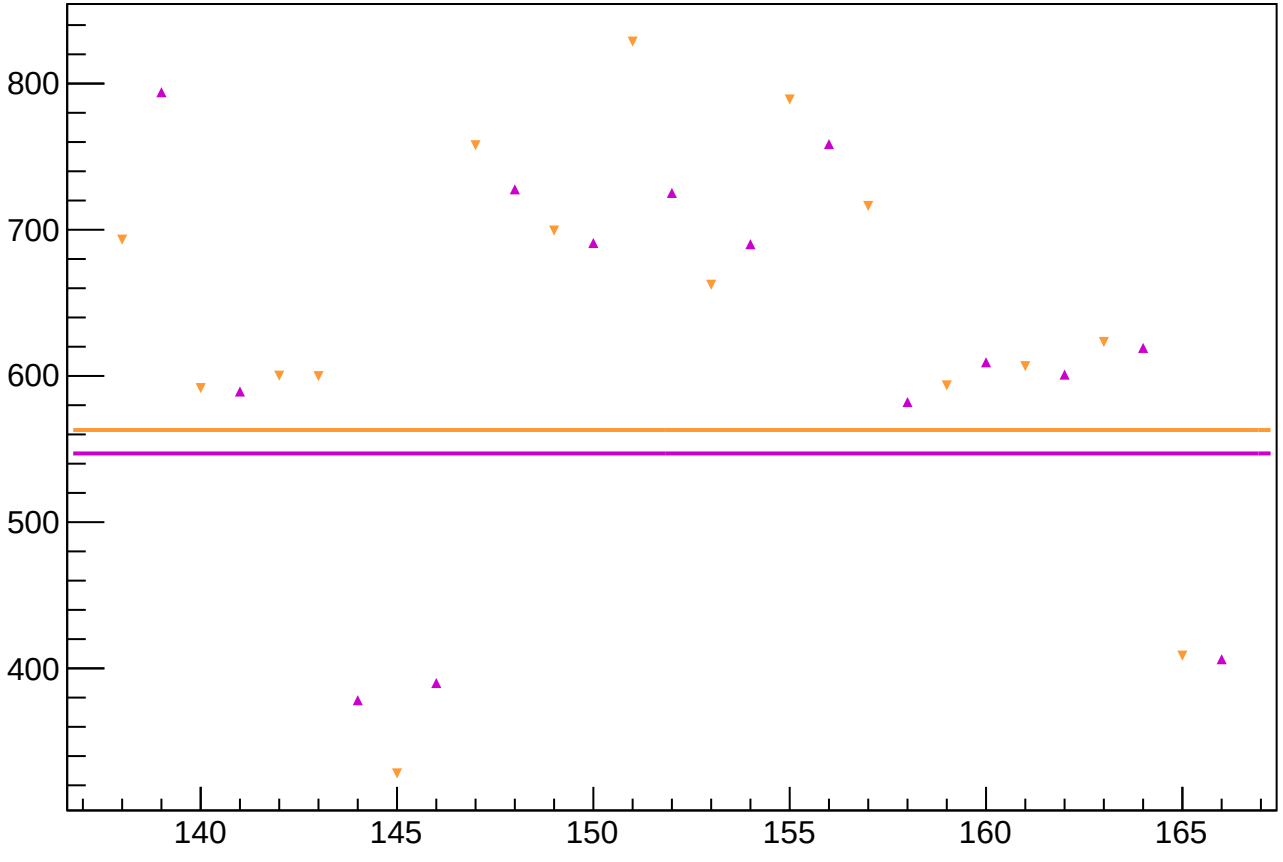
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 322.118+/-171.828 χ^2/NDF:16.0/13

Out: 740.636+/-175.715 χ^2/NDF:26.6/14

All: 526.697+/-122.852 χ^2/NDF: 45.5/28

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 563.023+/-0.124 χ^2/NDF:1577875.7/14

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

Left In: 546.996+/-0.122 χ^2/NDF:1380045.7/13

Left: 554.830+/-0.087 χ^2/NDF: 2966426.5/28

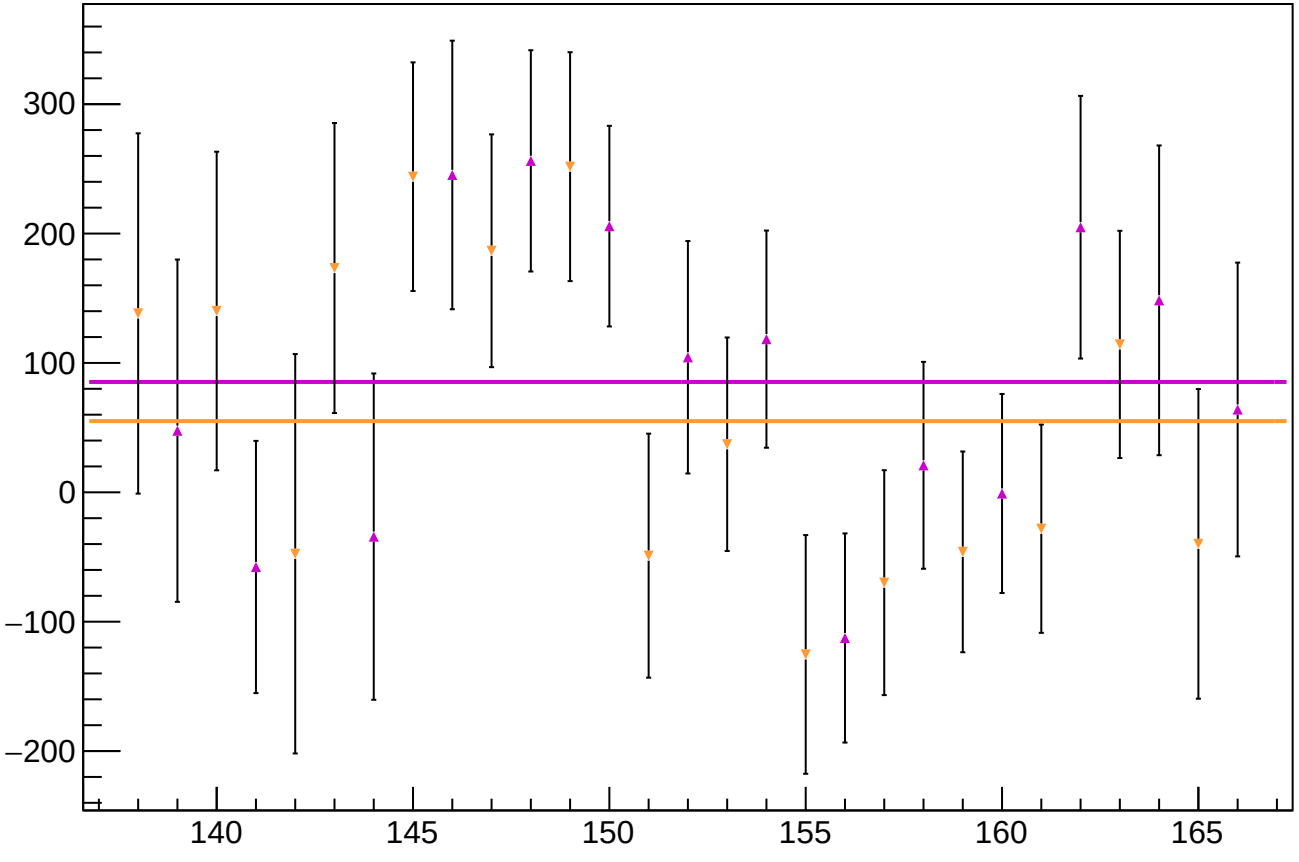
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 546.996+/-0.122 χ^2/NDF:1380045.7/13

Out: 563.023+/-0.124 χ^2/NDF:1577875.7/14

All: 554.830+/-0.087 χ^2/NDF: 2966426.5/28

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 55.029+/-24.636 χ^2/NDF:25.0/14

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

Left In: 85.306+/-24.923 χ^2/NDF:21.7/13

Left: 69.992+/-17.521 χ^2/NDF: 47.5/28

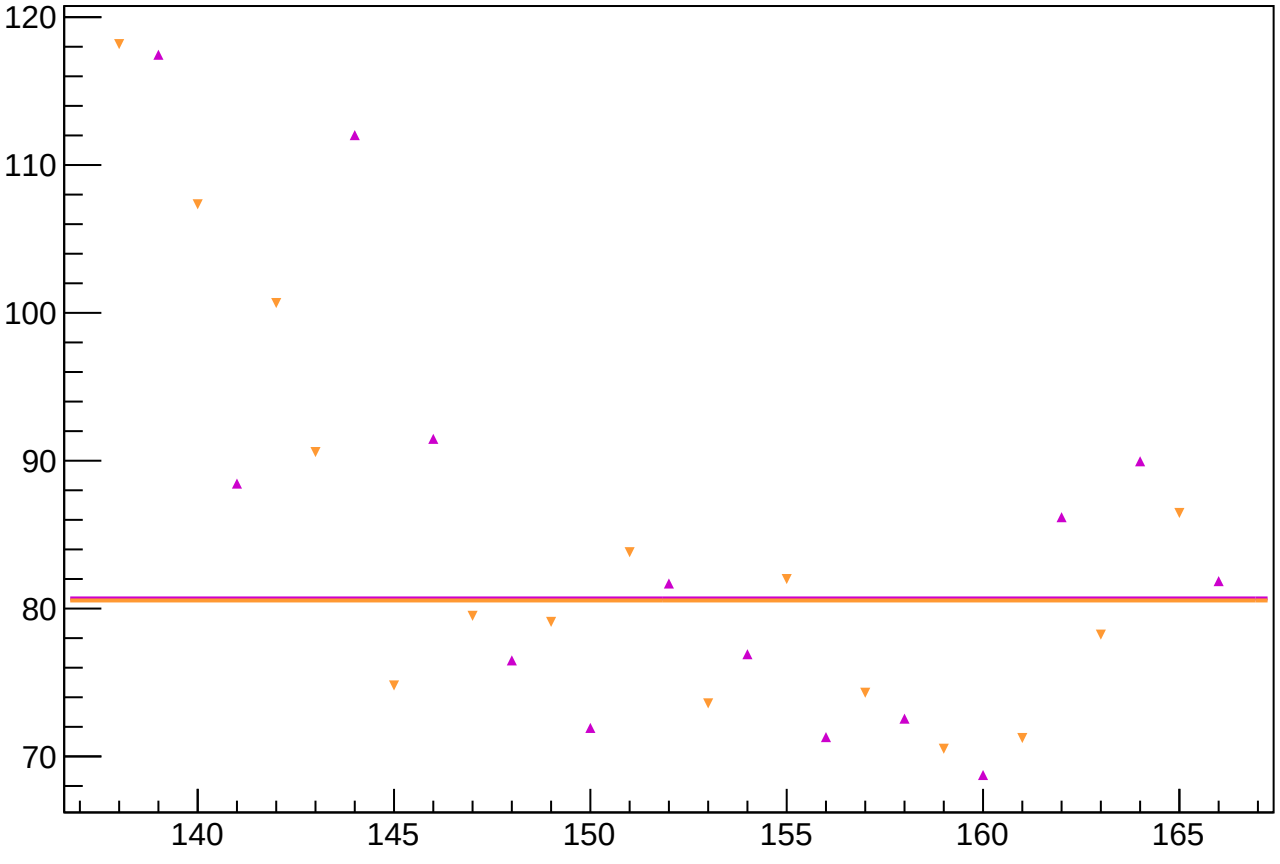
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 85.306+/-24.923 χ^2/NDF:21.7/13

Out: 55.029+/-24.636 χ^2/NDF:25.0/14

All: 69.992+/-17.521 χ^2/NDF: 47.5/28

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 80.548+/-0.017 χ^2/NDF:393894.5/14

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

Left In: 80.684+/-0.018 χ^2/NDF:460875.4/13

Left: 80.615+/-0.012 χ^2/NDF: 854800.0/28

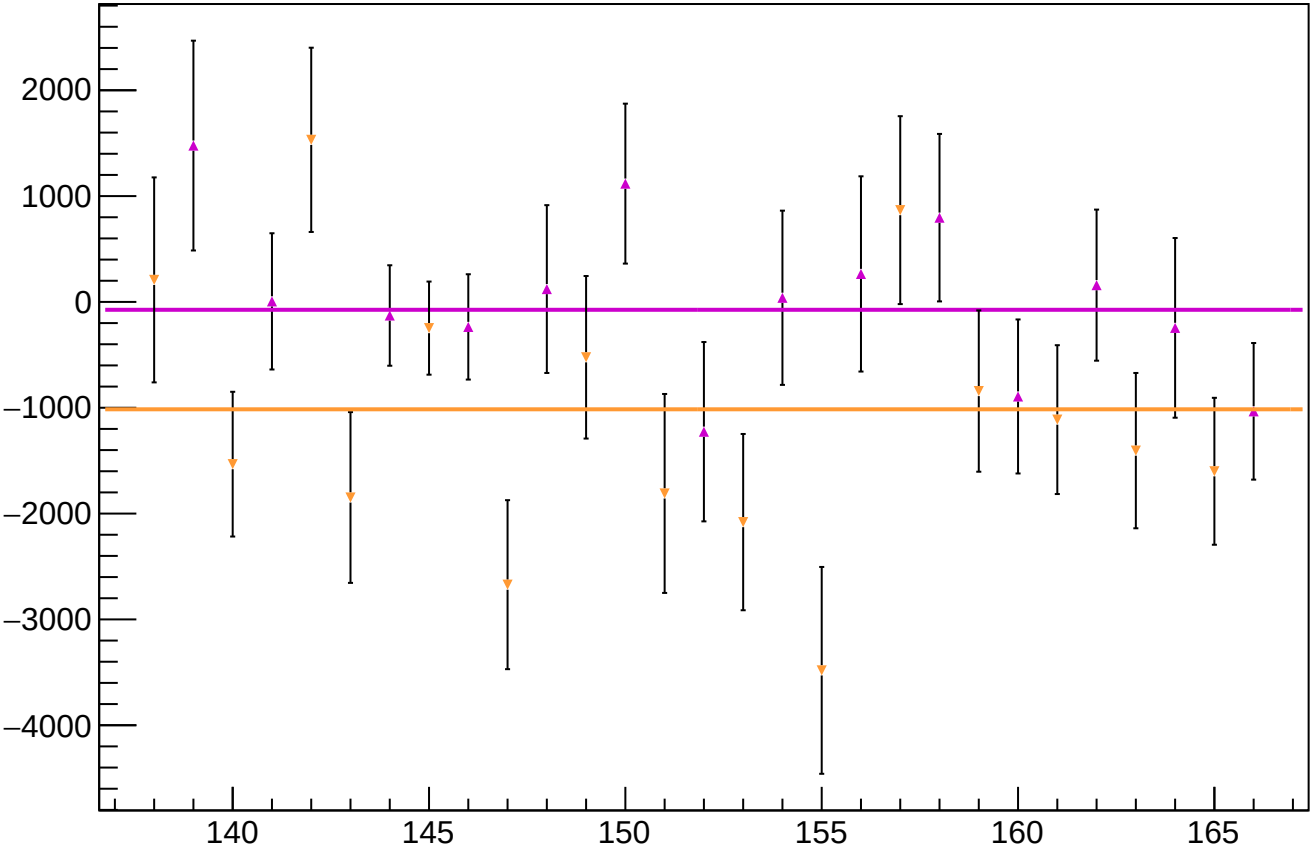
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 80.684+/-0.018 χ^2/NDF:460875.4/13

Out: 80.548+/-0.017 χ^2/NDF:393894.5/14

All: 80.615+/-0.012 χ^2/NDF: 854800.0/28

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1014.679+/-192.254 χ^2/NDF:33.8/14

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

Left In: -74.376+/-187.223 χ^2/NDF:12.0/13

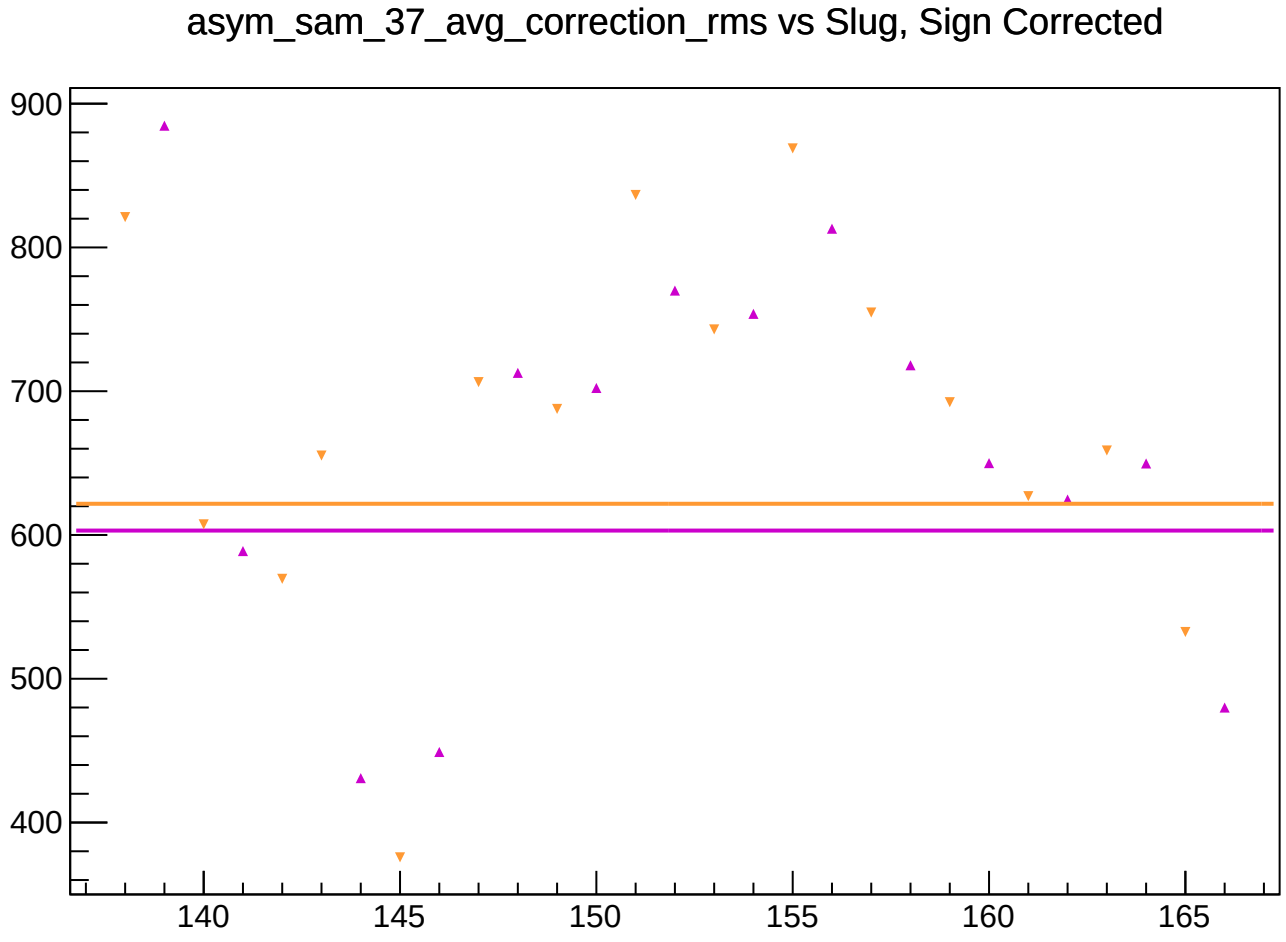
Left: -532.064+/-134.130 χ^2/NDF: 58.1/28

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -74.376+/-187.223 χ^2/NDF:12.0/13

Out: -1014.679+/-192.254 χ^2/NDF:33.8/14

All: -532.064+/-134.130 χ^2/NDF: 58.1/28



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

Left Out: 621.705+/-0.136 χ^2/NDF:1133620.4/14

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

Left In: 603.070+/-0.132 χ^2/NDF:1069338.0/13

Left: 612.140+/-0.095 χ^2/NDF: 2212602.2/28

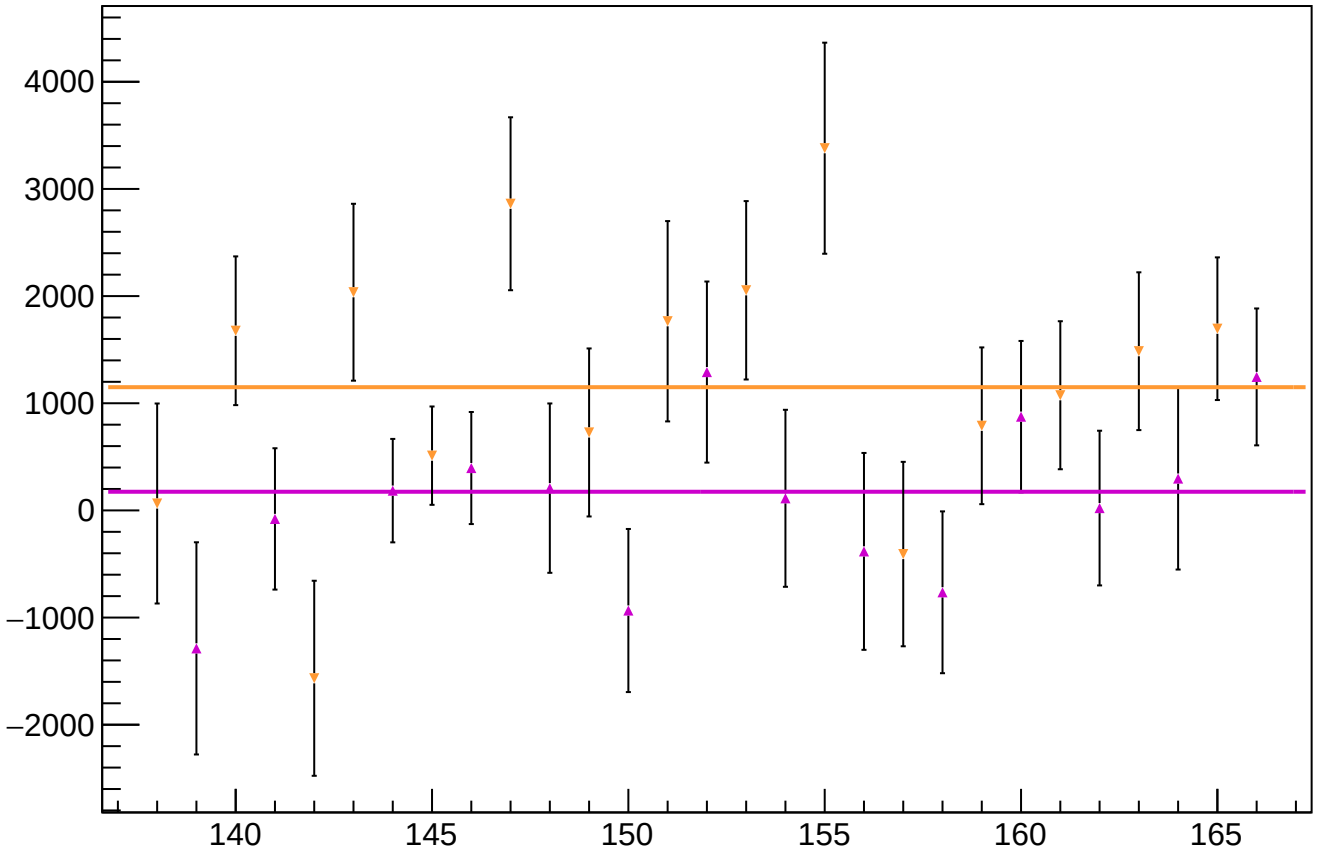
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 603.070+/-0.132 χ^2/NDF:1069338.0/13

Out: 621.705+/-0.136 χ^2/NDF:1133620.4/14

All: 612.140+/-0.095 χ^2/NDF: 2212602.2/28

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 1149.911+/-192.993 χ^2/NDF:29.9/14

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

Left In: 174.077+/-188.438 χ^2/NDF:12.2/13

Left: 650.343+/-134.827 χ^2/NDF: 55.1/28

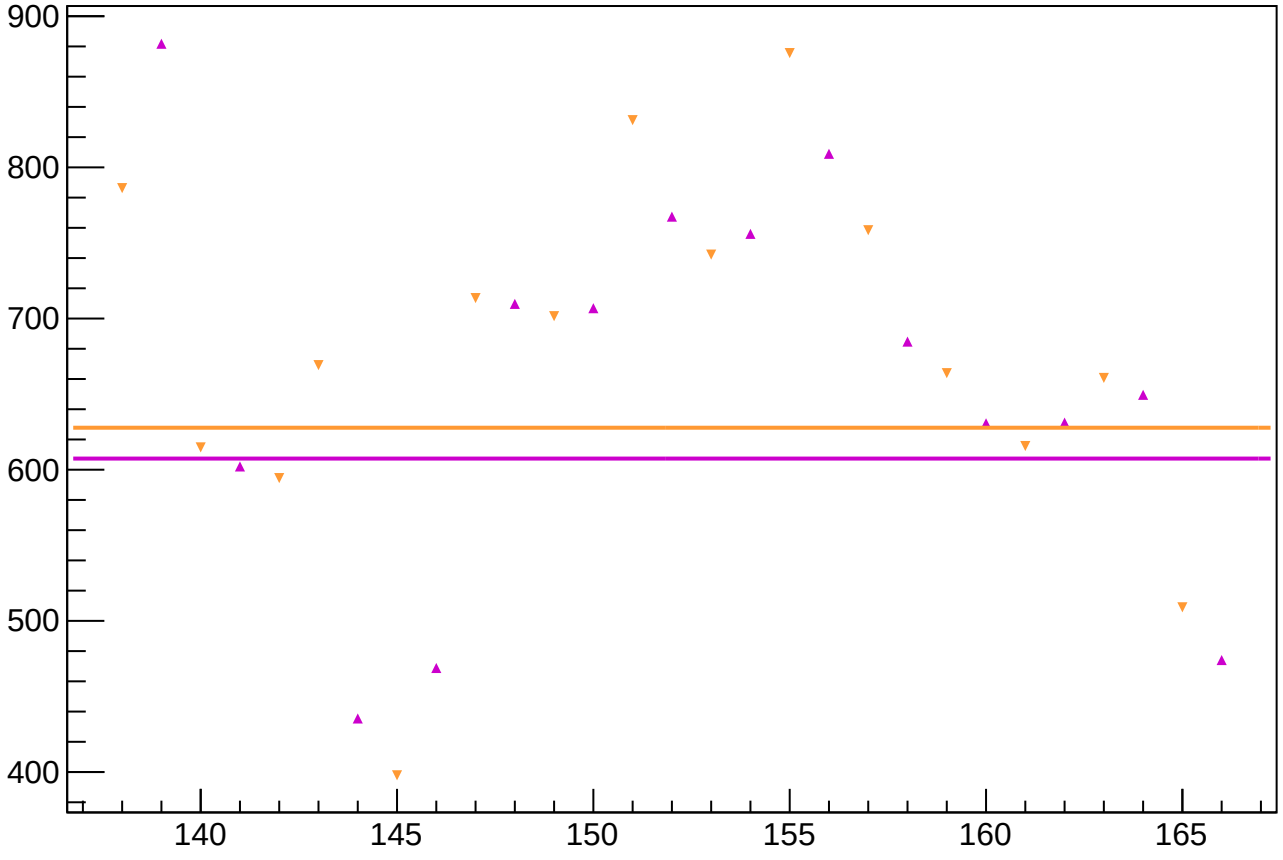
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 174.077+/-188.438 χ^2/NDF:12.2/13

Out: 1149.911+/-192.993 χ^2/NDF:29.9/14

All: 650.343+/-134.827 χ^2/NDF: 55.1/28

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 627.773+/-0.136 χ^2/NDF:987165.3/14

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

Left In: 607.366+/-0.133 χ^2/NDF:965843.6/13

Left: 617.326+/-0.095 χ^2/NDF: 1964456.4/28

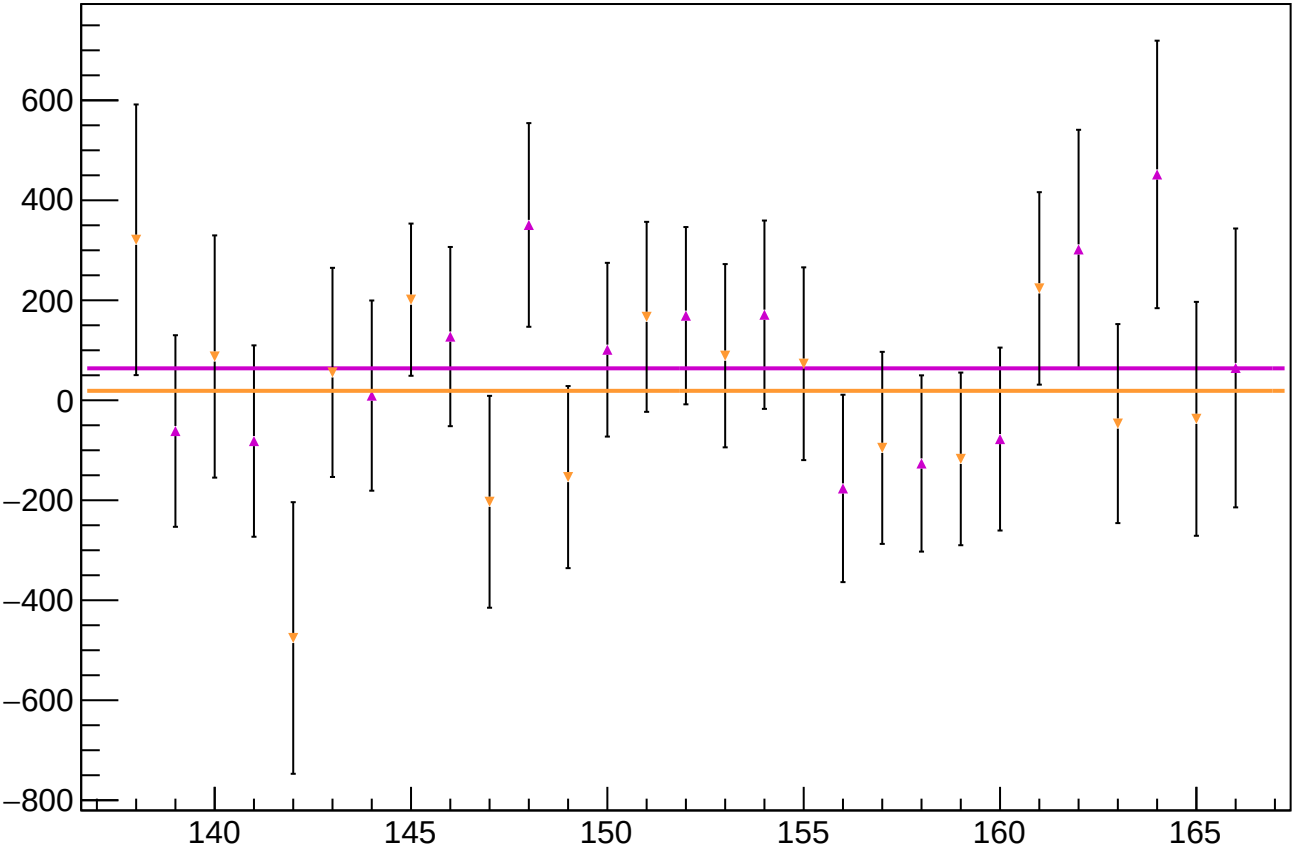
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 607.366+/-0.133 χ^2/NDF:965843.6/13

Out: 627.773+/-0.136 χ^2/NDF:987165.3/14

All: 617.326+/-0.095 χ^2/NDF: 1964456.4/28

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 18.899+/-51.422 χ^2/NDF:11.2/14

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

Left In: 63.892+/-52.319 χ^2/NDF:10.4/13

Left: 41.007+/-36.674 χ^2/NDF: 22.0/28

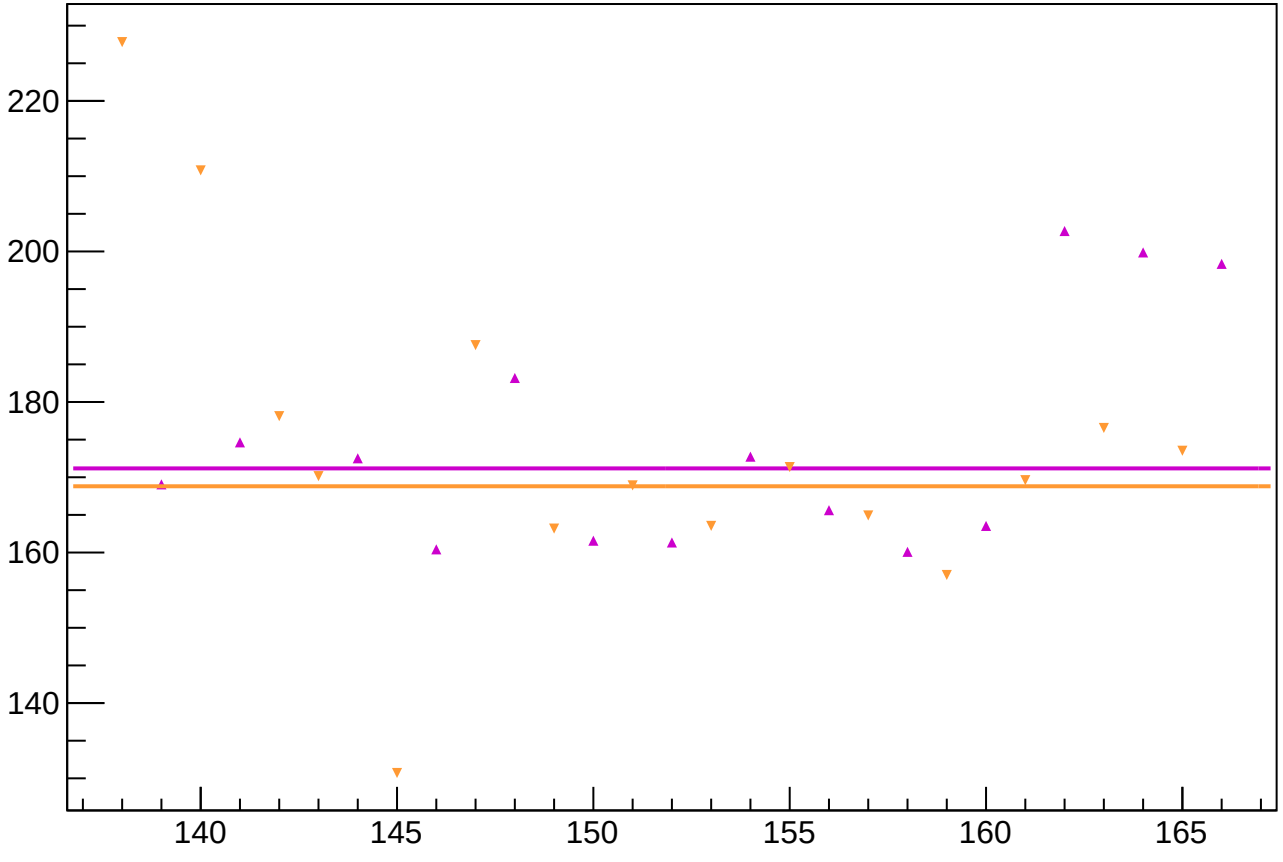
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 63.892+/-52.319 χ^2/NDF:10.4/13

Out: 18.899+/-51.422 χ^2/NDF:11.2/14

All: 41.007+/-36.674 χ^2/NDF: 22.0/28

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 168.802+/-0.036 χ^2/NDF:316320.2/14

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

Left In: 171.177+/-0.037 χ^2/NDF:117460.3/13

Left: 169.969+/-0.026 χ^2/NDF: 435875.9/28

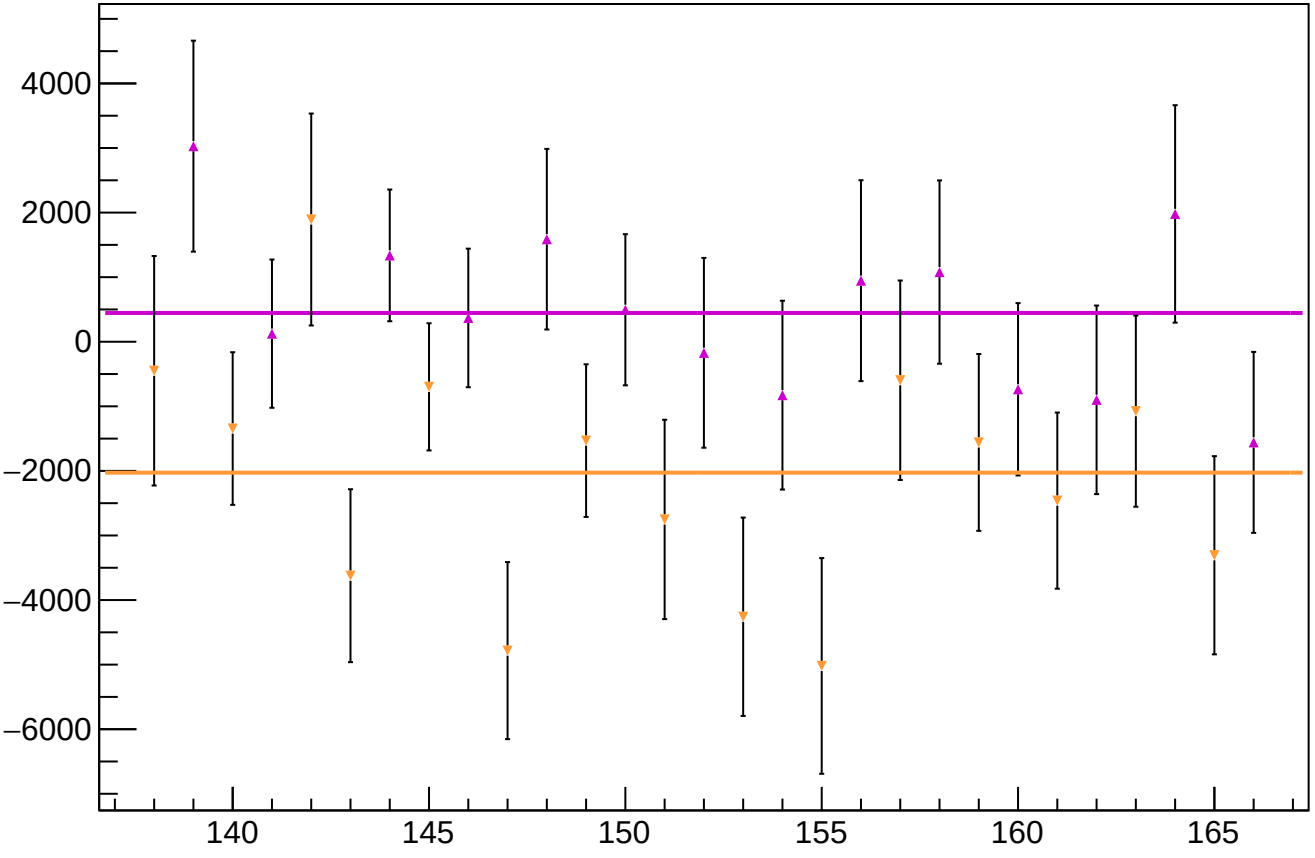
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 171.177+/-0.037 χ^2/NDF:117460.3/13

Out: 168.802+/-0.036 χ^2/NDF:316320.2/14

All: 169.969+/-0.026 χ^2/NDF: 435875.9/28

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -2027.329+/-357.719 χ^2/NDF:22.0/14

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

Left In: 445.716+/-354.937 χ^2/NDF:9.8/13

Left: -781.153+/-251.956 χ^2/NDF: 55.9/28

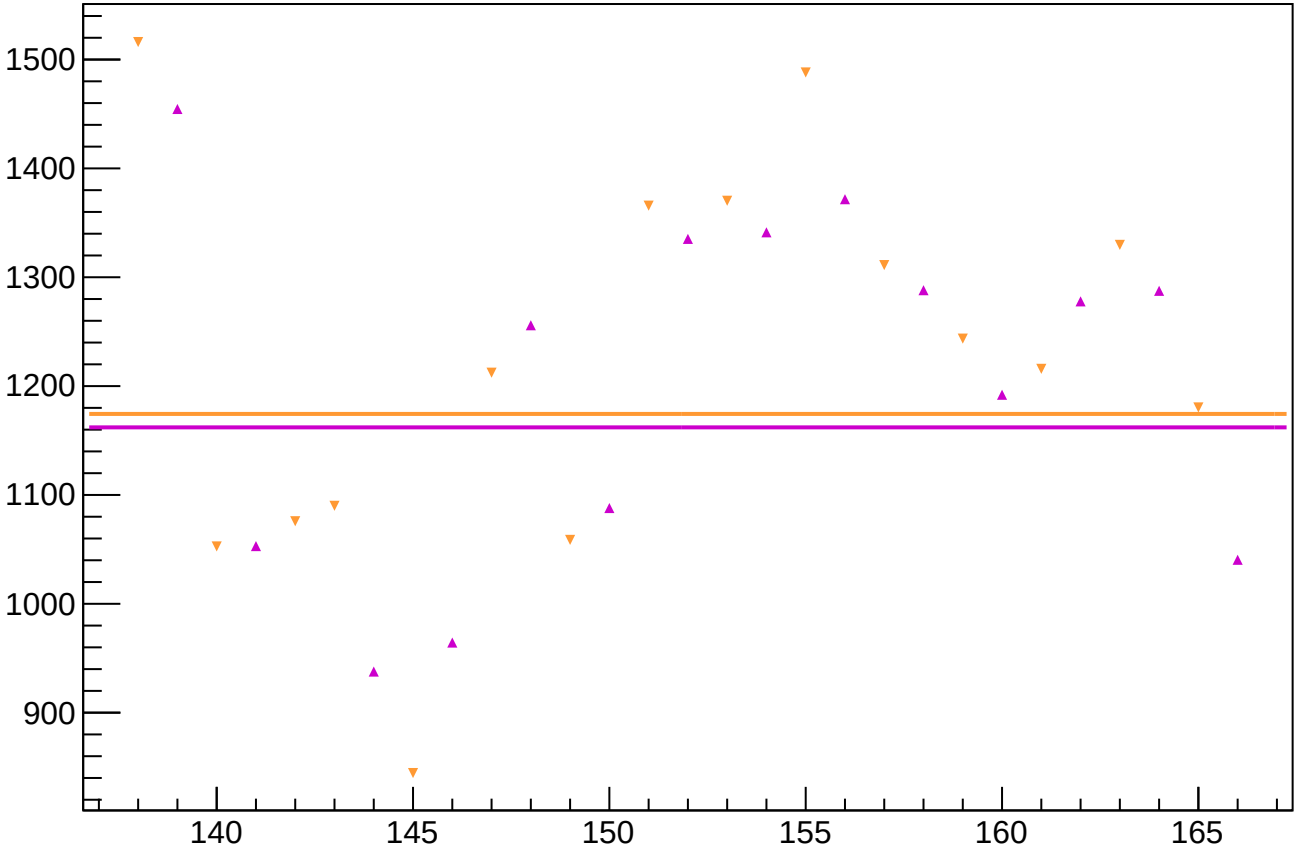
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 445.716+/-354.937 χ^2/NDF:9.8/13

Out: -2027.329+/-357.719 χ^2/NDF:22.0/14

All: -781.153+/-251.956 χ^2/NDF: 55.9/28

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1174.439+/-0.253 χ^2/NDF:533994.9/14

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

Left In: 1162.089+/-0.251 χ^2/NDF:413470.0/13

Left: 1168.216+/-0.178 χ^2/NDF: 948666.1/28

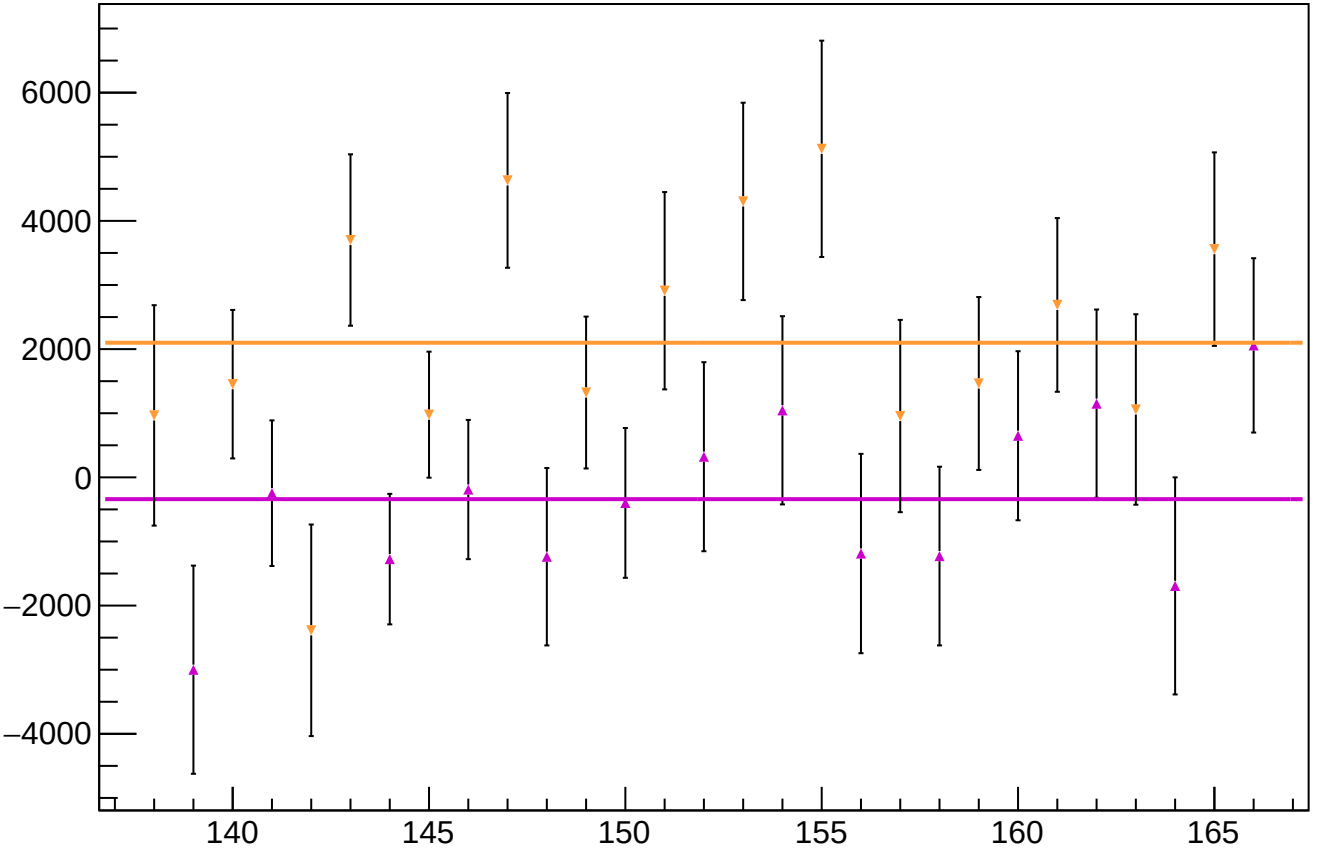
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1162.089+/-0.251 χ^2/NDF:413470.0/13

Out: 1174.439+/-0.253 χ^2/NDF:533994.9/14

All: 1168.216+/-0.178 χ^2/NDF: 948666.1/28

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 2099.547+/-355.206 χ^2/NDF:22.7/14

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

Left In: -339.918+/-353.429 χ^2/NDF:11.1/13

Left: 873.697+/-250.538 χ^2/NDF: 57.5/28

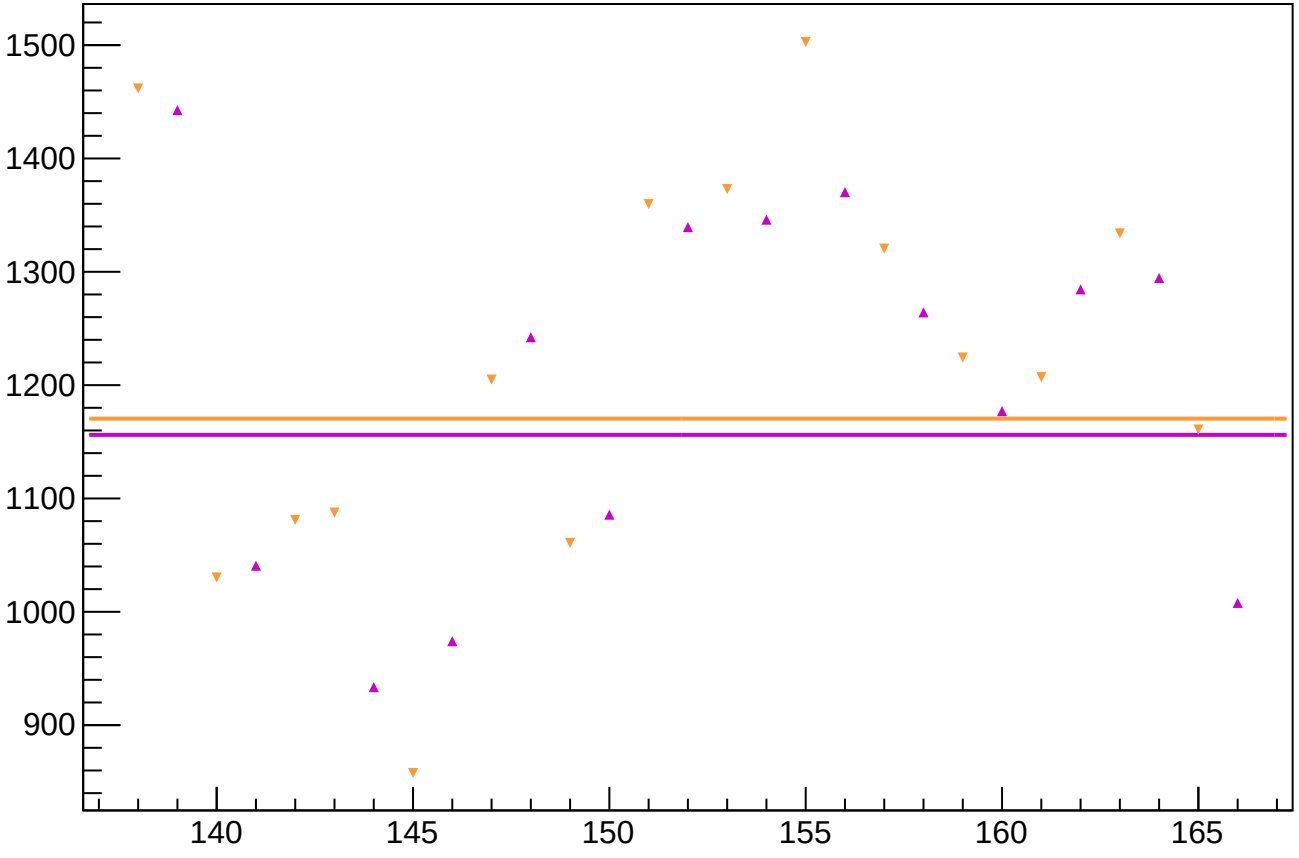
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -339.918+/-353.429 χ^2/NDF:11.1/13

Out: 2099.547+/-355.206 χ^2/NDF:22.7/14

All: 873.697+/-250.538 χ^2/NDF: 57.5/28

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1170.434+/-0.251 χ^2/NDF:512647.0/14

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

Left In: 1156.110+/-0.250 χ^2/NDF:417241.8/13

Left: 1163.236+/-0.177 χ^2/NDF: 931523.1/28

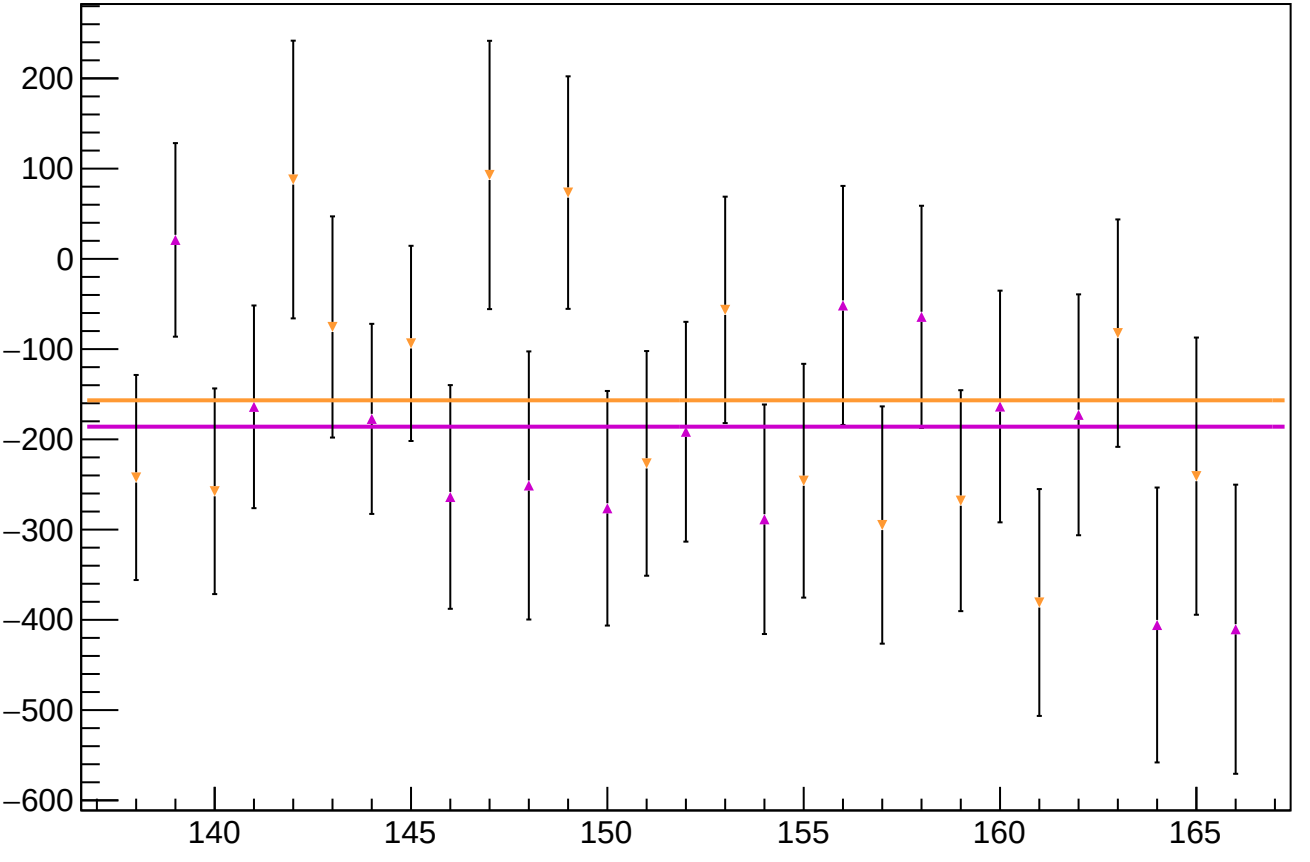
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1156.110+/-0.250 χ^2/NDF:417241.8/13

Out: 1170.434+/-0.251 χ^2/NDF:512647.0/14

All: 1163.236+/-0.177 χ^2/NDF: 931523.1/28

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -156.740+/-32.700 χ^2/NDF:17.9/14

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

Left In: -185.951+/-33.764 χ^2/NDF:11.6/13

Left: -170.878+/-23.490 χ^2/NDF: 29.8/28

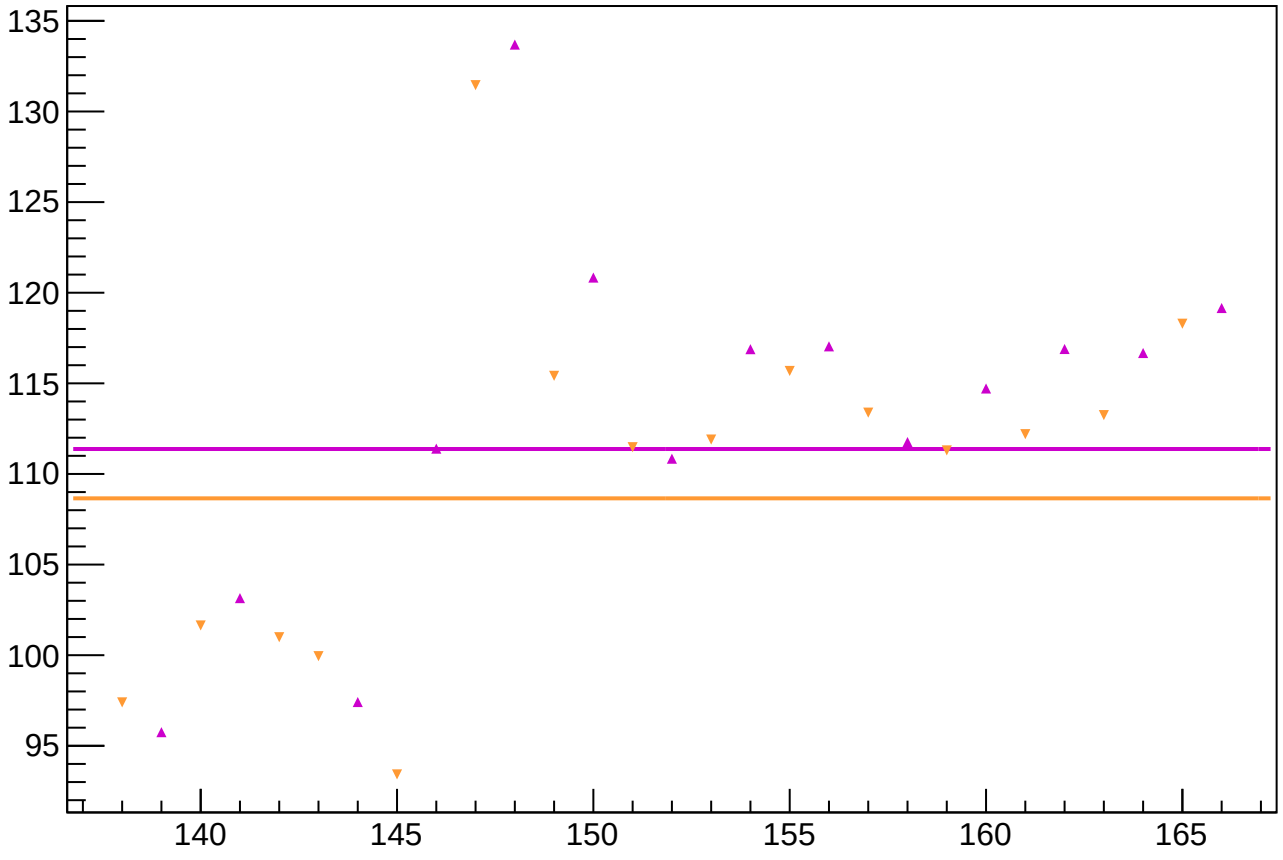
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -185.951+/-33.764 χ^2/NDF:11.6/13

Out: -156.740+/-32.700 χ^2/NDF:17.9/14

All: -170.878+/-23.490 χ^2/NDF: 29.8/28

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 108.654+/-0.023 χ^2/NDF:158382.8/14

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

Left In: 111.377+/-0.024 χ^2/NDF:163422.2/13

Left: 109.972+/-0.017 χ^2/NDF: 328516.6/28

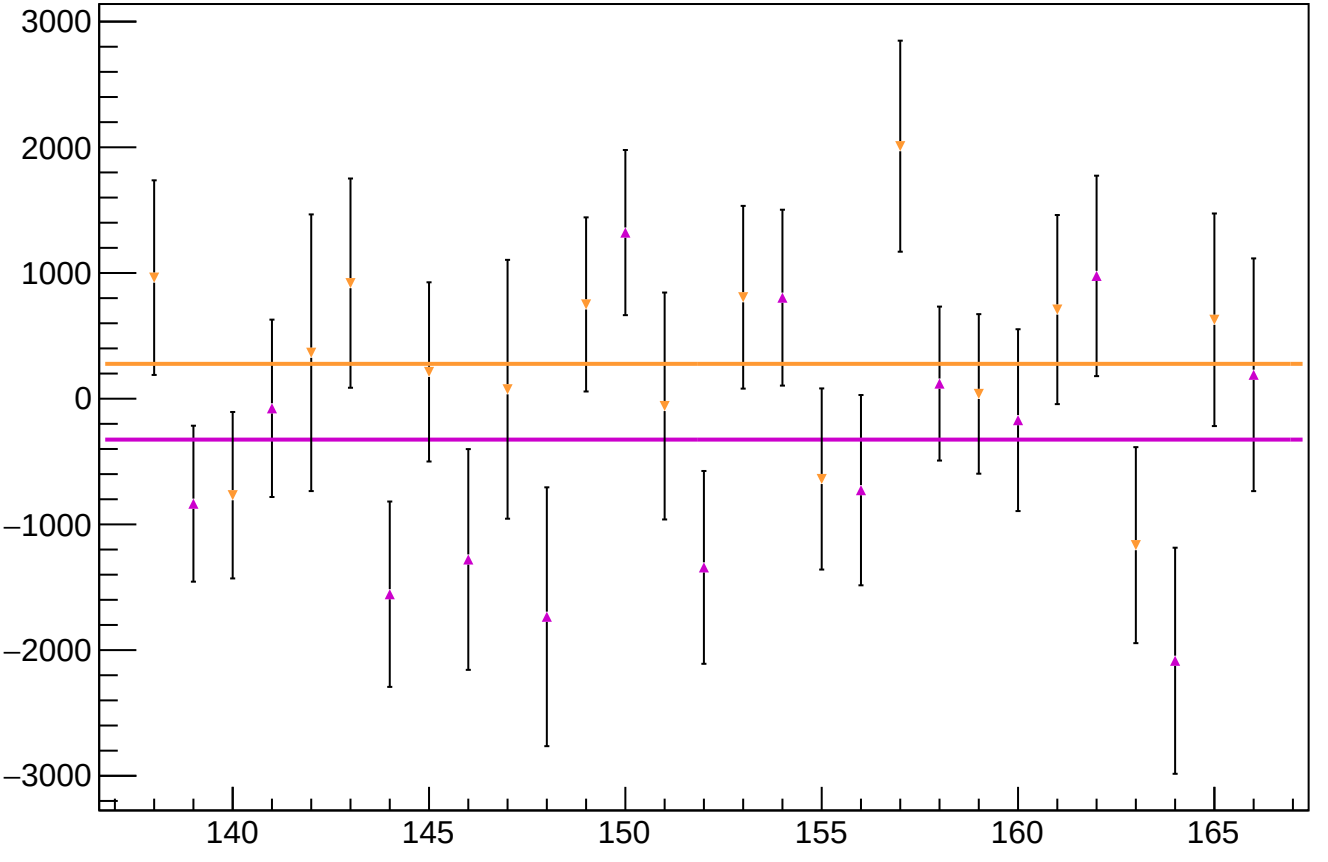
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 111.377+/-0.024 χ^2/NDF:163422.2/13

Out: 108.654+/-0.023 χ^2/NDF:158382.8/14

All: 109.972+/-0.017 χ^2/NDF: 328516.6/28

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 277.245+/-200.107 χ^2/NDF:15.0/14

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

Left In: -325.403+/-199.816 χ^2/NDF:24.9/13

Left: -24.518+/-141.394 χ^2/NDF: 44.5/28

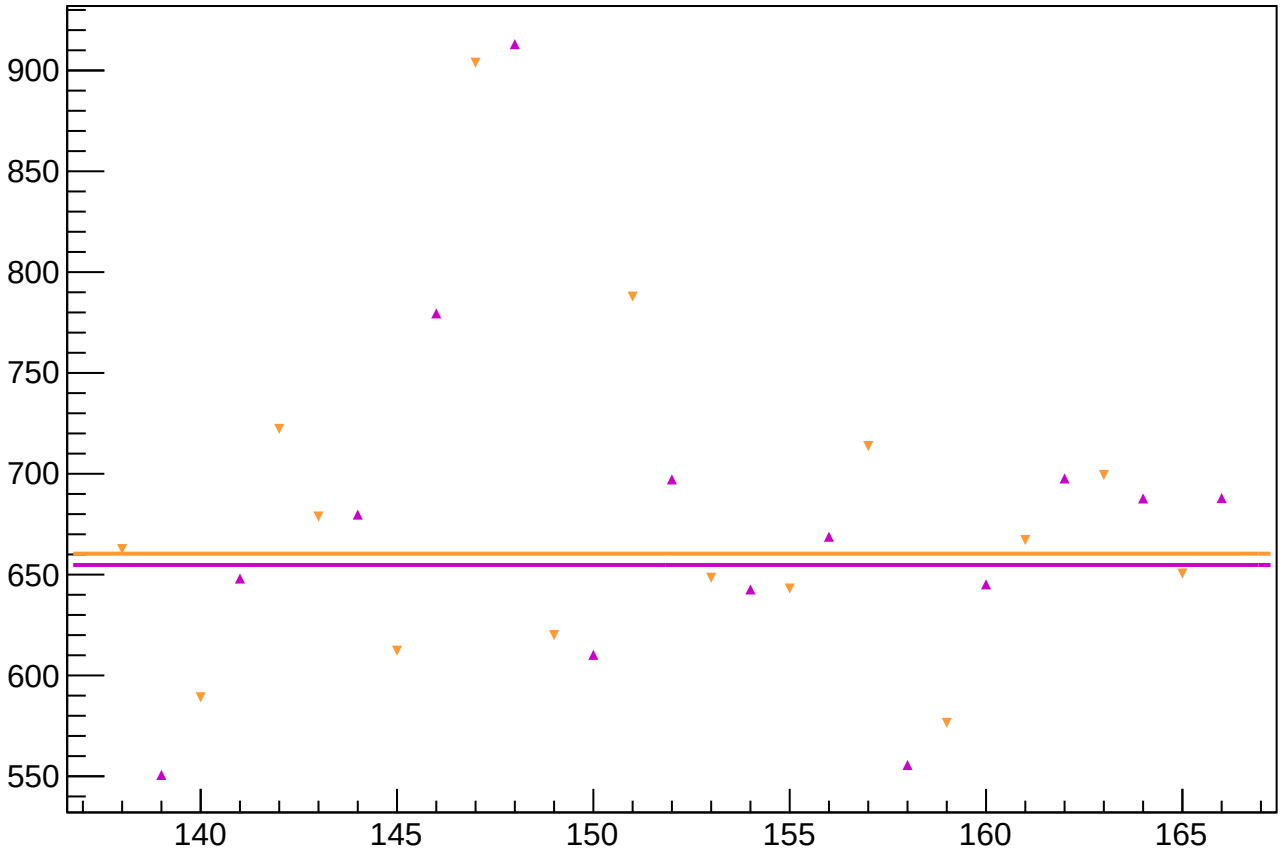
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -325.403+/-199.816 χ^2/NDF:24.9/13

Out: 277.245+/-200.107 χ^2/NDF:15.0/14

All: -24.518+/-141.394 χ^2/NDF: 44.5/28

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 660.382+/-0.141 χ^2/NDF:248251.3/14

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

Left In: 654.788+/-0.141 χ^2/NDF:305463.5/13

Left: 657.581+/-0.100 χ^2/NDF: 554497.3/28

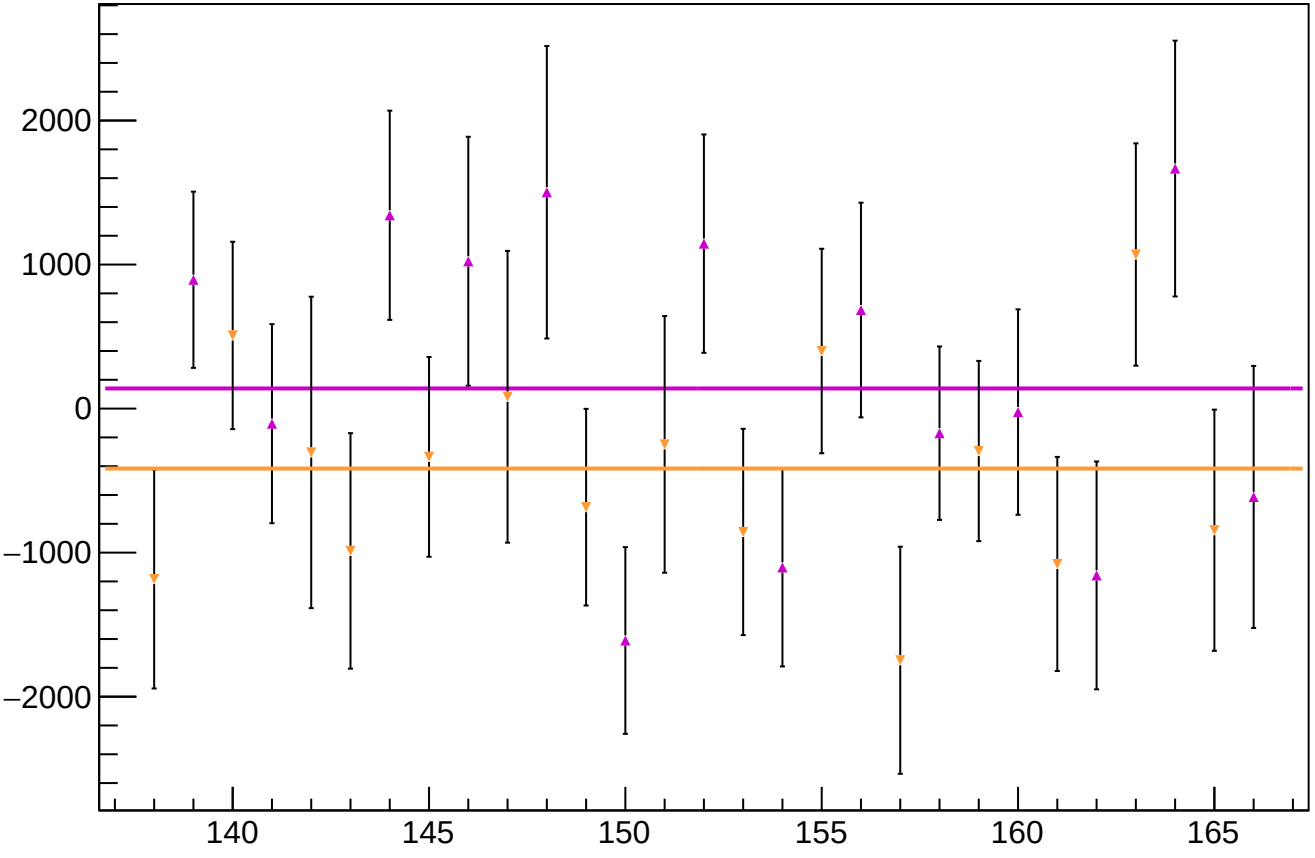
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 654.788+/-0.141 χ^2/NDF:305463.5/13

Out: 660.382+/-0.141 χ^2/NDF:248251.3/14

All: 657.581+/-0.100 χ^2/NDF: 554497.3/28

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -416.219+/-196.417 χ^2/NDF:13.3/14

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

Left In: 139.834+/-196.862 χ^2/NDF:26.7/13

Left: -138.822+/-139.045 χ^2/NDF: 44.1/28

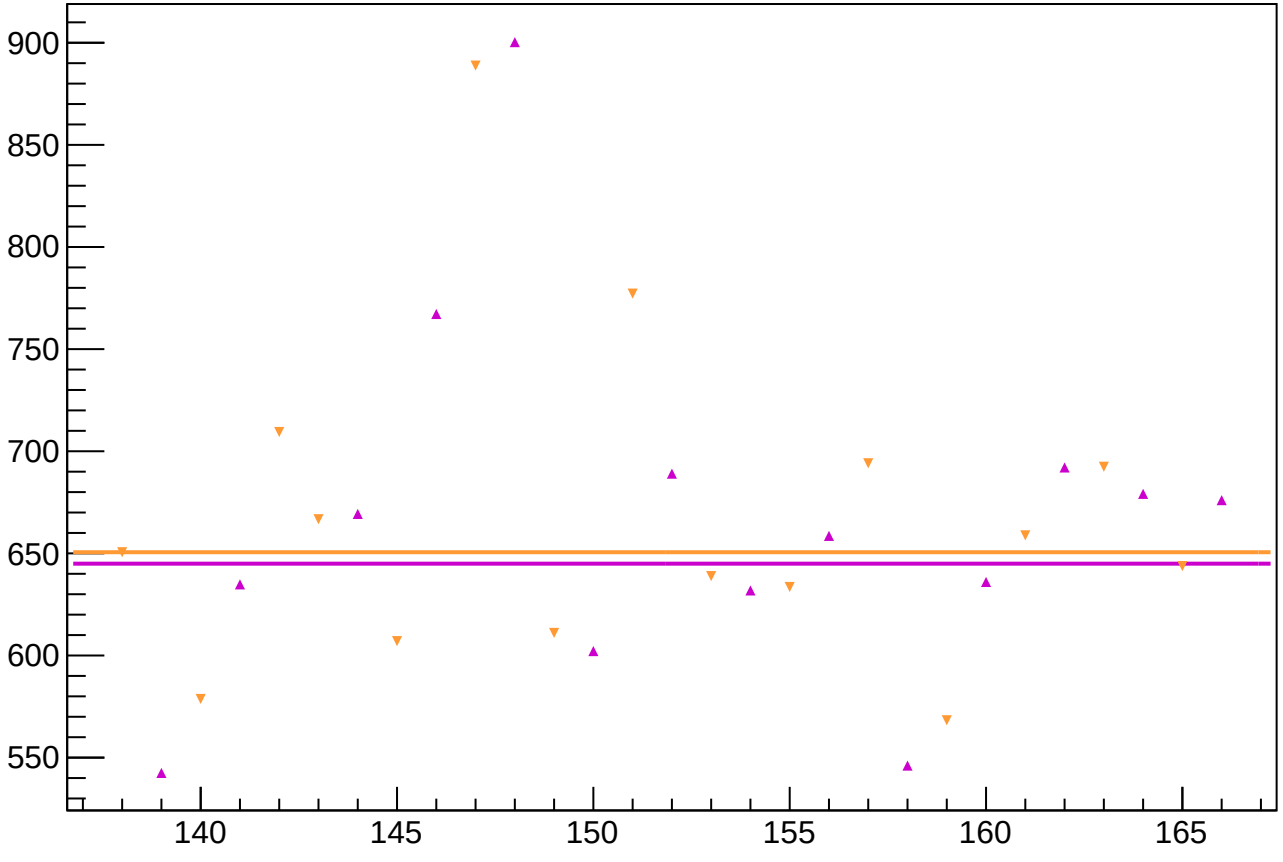
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 139.834+/-196.862 χ^2/NDF:26.7/13

Out: -416.219+/-196.417 χ^2/NDF:13.3/14

All: -138.822+/-139.045 χ^2/NDF: 44.1/28

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 650.563+/-0.139 χ^2/NDF:245367.8/14

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

Left In: 644.959+/-0.139 χ^2/NDF:308783.6/13

Left: 647.767+/-0.098 χ^2/NDF: 554963.6/28

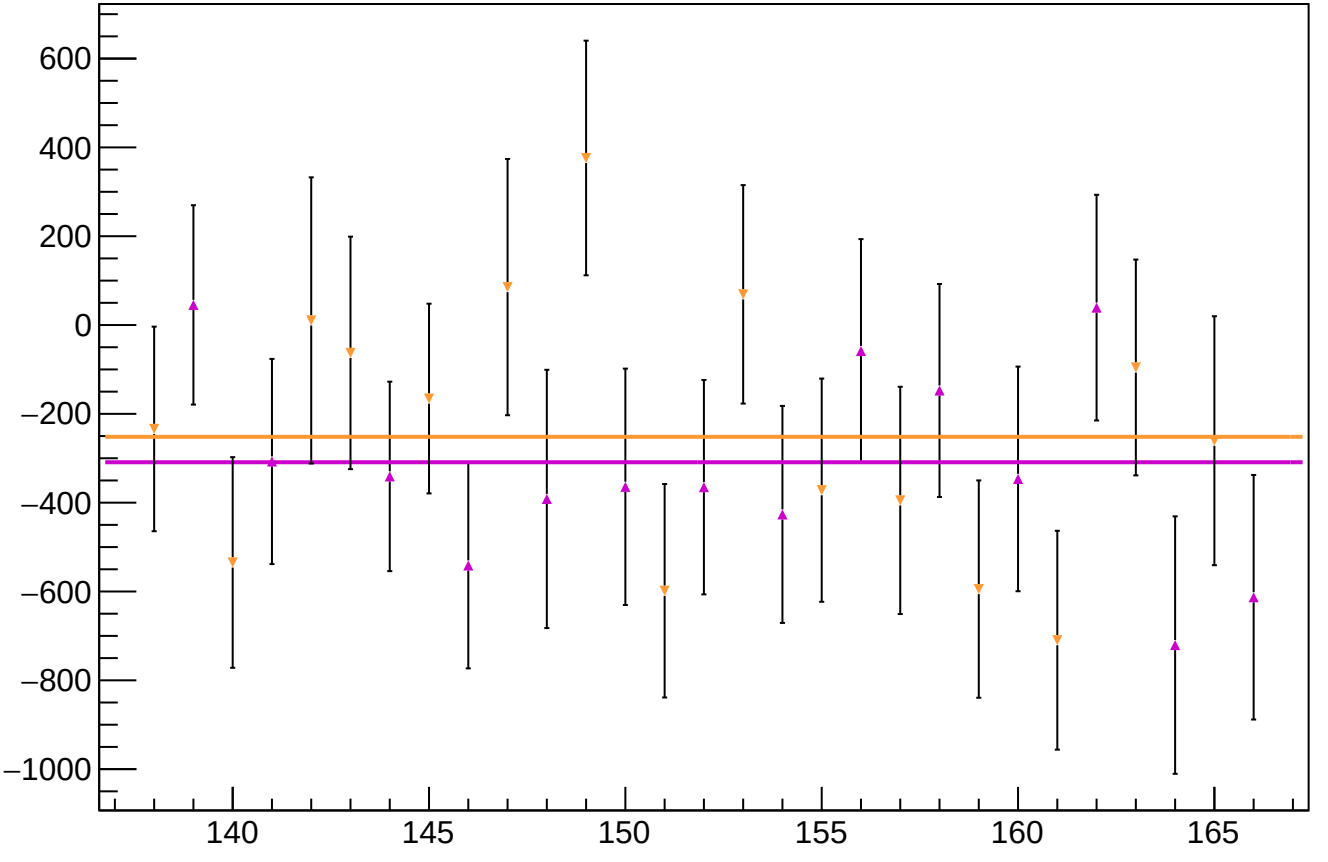
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 644.959+/-0.139 χ^2/NDF:308783.6/13

Out: 650.563+/-0.139 χ^2/NDF:245367.8/14

All: 647.767+/-0.098 χ^2/NDF: 554963.6/28

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -251.723+/-64.970 χ^2/NDF:19.9/14

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

Left In: -308.978+/-66.168 χ^2/NDF:10.5/13

Left: -279.828+/-46.359 χ^2/NDF: 30.8/28

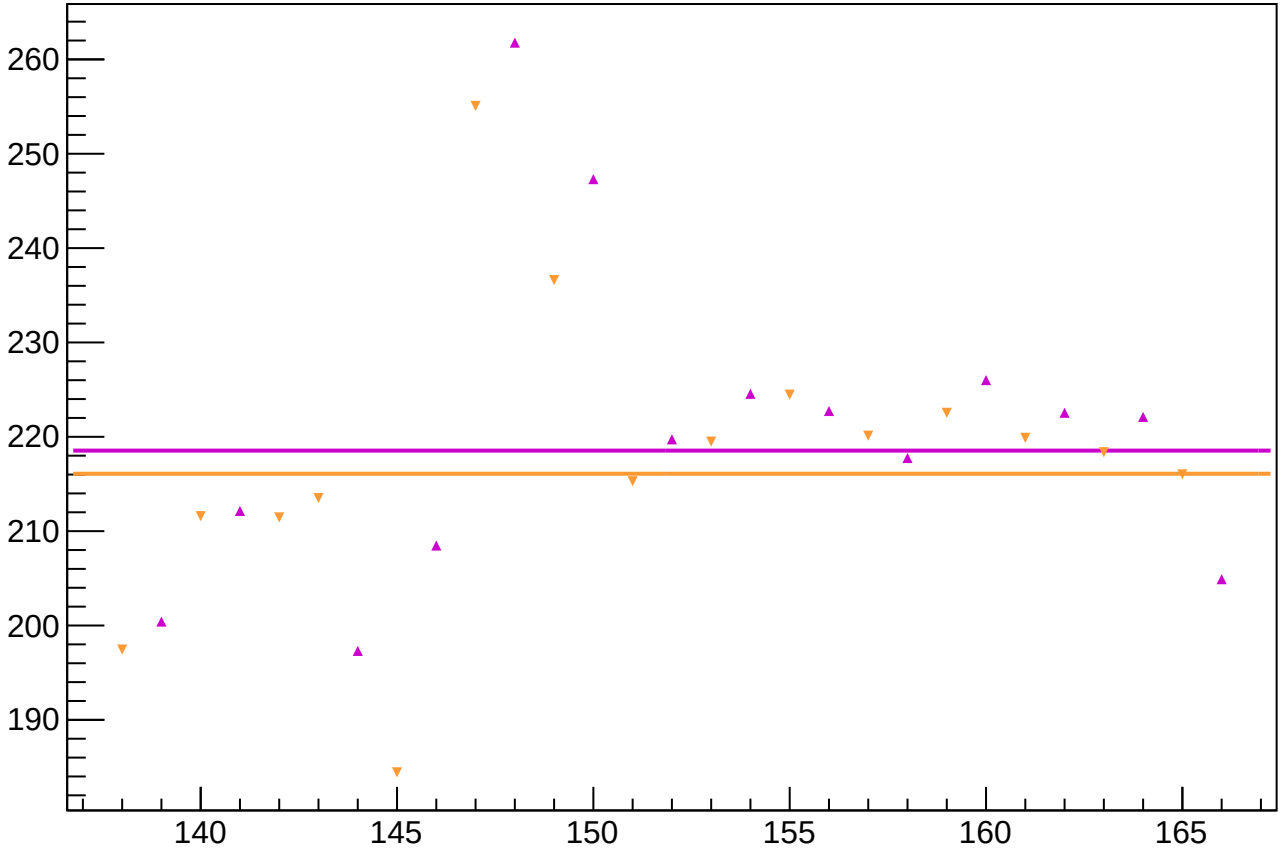
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -308.978+/-66.168 χ^2/NDF:10.5/13

Out: -251.723+/-64.970 χ^2/NDF:19.9/14

All: -279.828+/-46.359 χ^2/NDF: 30.8/28

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 216.087+/-0.046 χ^2/NDF:112097.8/14

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

Left In: 218.538+/-0.047 χ^2/NDF:115030.5/13

Left: 217.290+/-0.033 χ^2/NDF: 228525.4/28

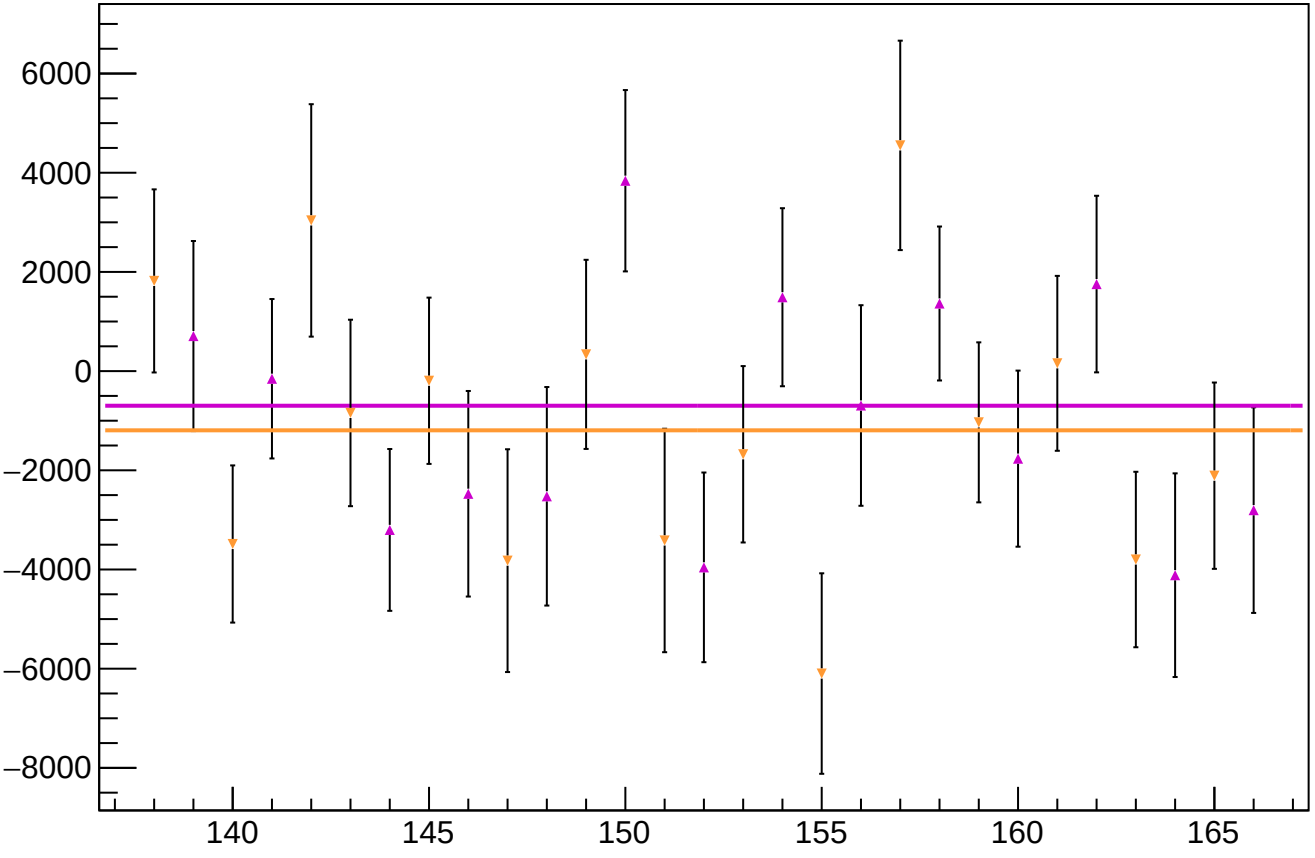
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 218.538+/-0.047 χ^2/NDF:115030.5/13

Out: 216.087+/-0.046 χ^2/NDF:112097.8/14

All: 217.290+/-0.033 χ^2/NDF: 228525.4/28

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1193.890+/-483.541 χ^2/NDF:27.8/14

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

Left In: -697.999+/-492.713 χ^2/NDF:22.8/13

Left: -950.603+/-345.112 χ^2/NDF: 51.1/28

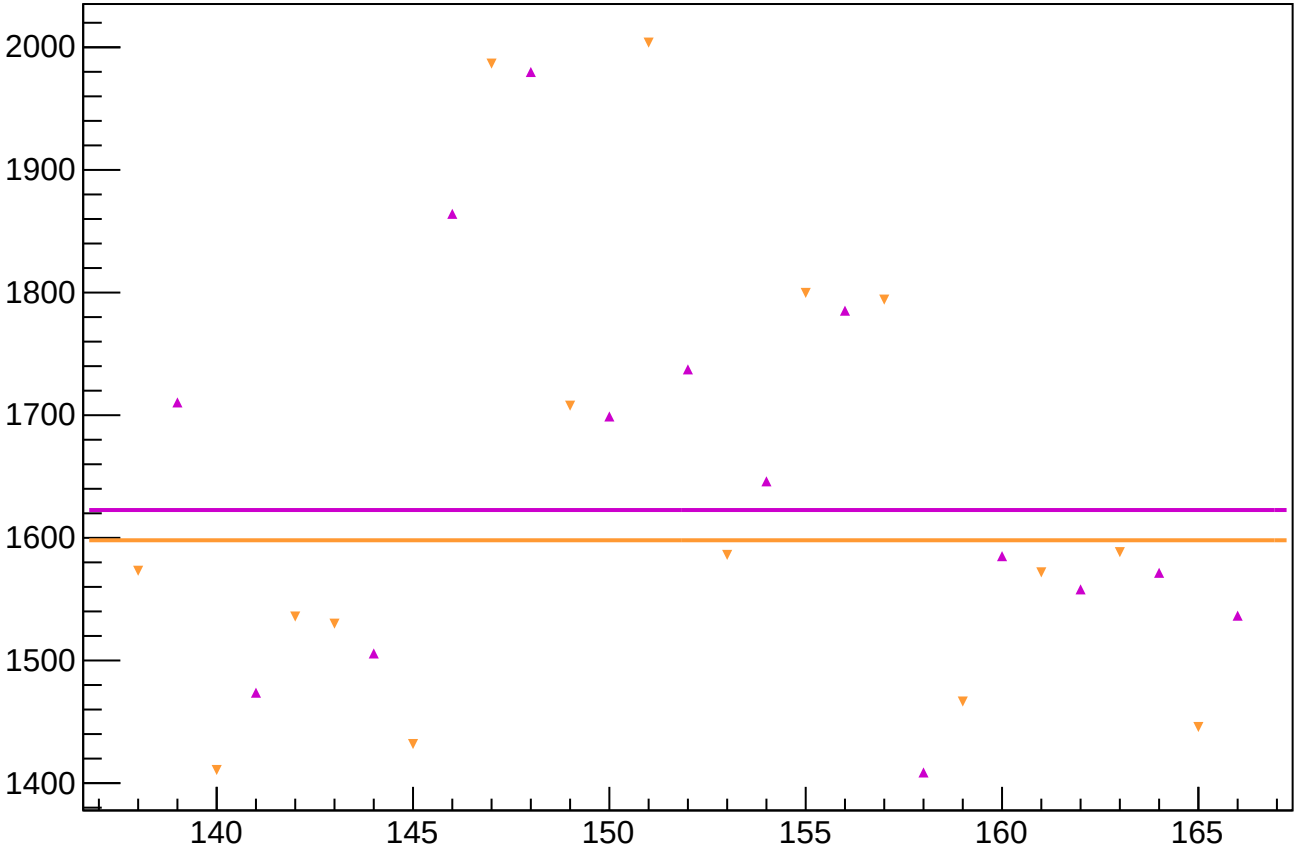
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -697.999+/-492.713 χ^2/NDF:22.8/13

Out: -1193.890+/-483.541 χ^2/NDF:27.8/14

All: -950.603+/-345.112 χ^2/NDF: 51.1/28

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1598.020+/-0.342 χ^2/NDF:247581.1/14

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

Left In: 1622.684+/-0.348 χ^2/NDF:181561.3/13

Left: 1610.120+/-0.244 χ^2/NDF: 431695.3/28

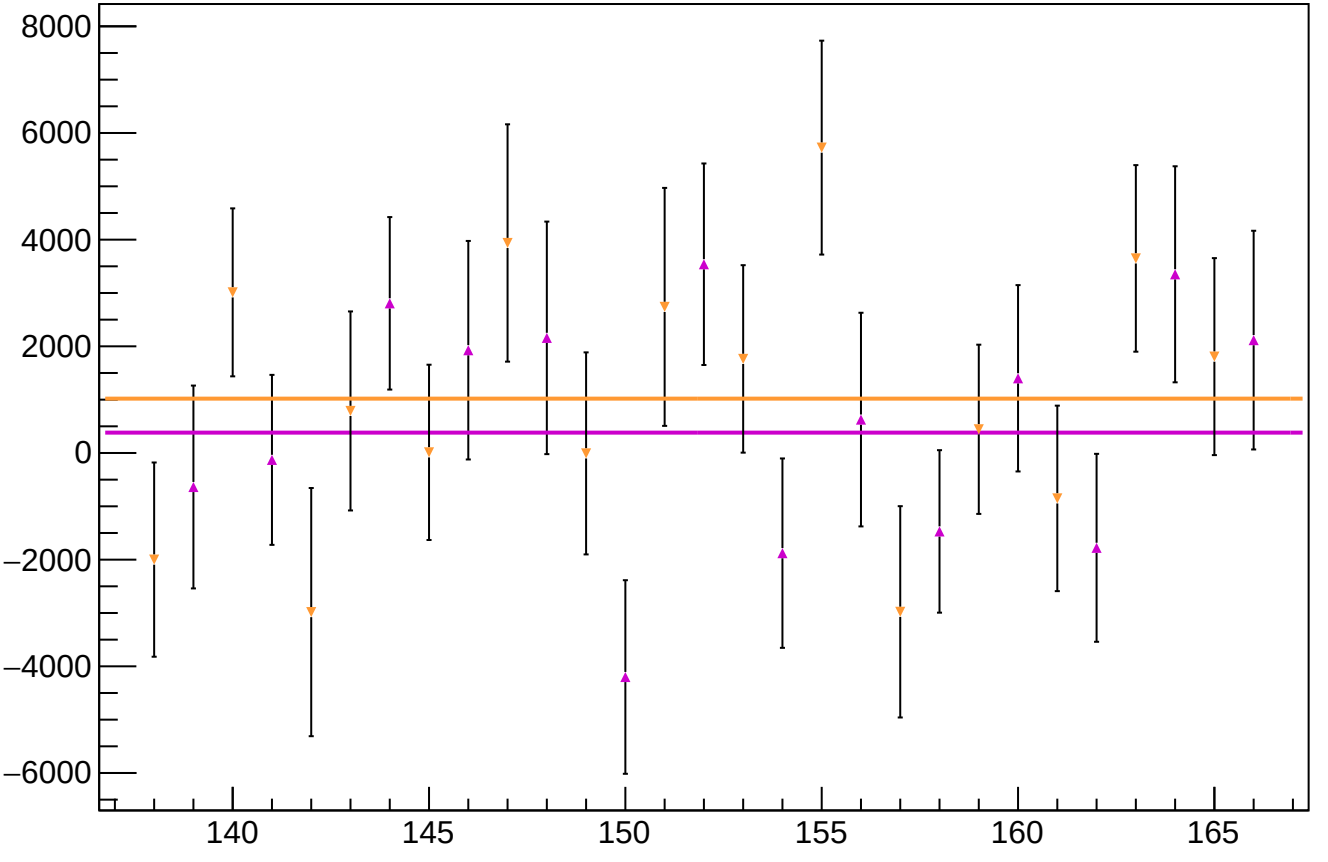
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1622.684+/-0.348 χ^2/NDF:181561.3/13

Out: 1598.020+/-0.342 χ^2/NDF:247581.1/14

All: 1610.120+/-0.244 χ^2/NDF: 431695.3/28

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 1019.040+/-476.509 χ^2/NDF:23.8/14

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

Left In: 381.733+/-487.155 χ^2/NDF:20.9/13

Left: 707.426+/-340.644 χ^2/NDF: 45.5/28

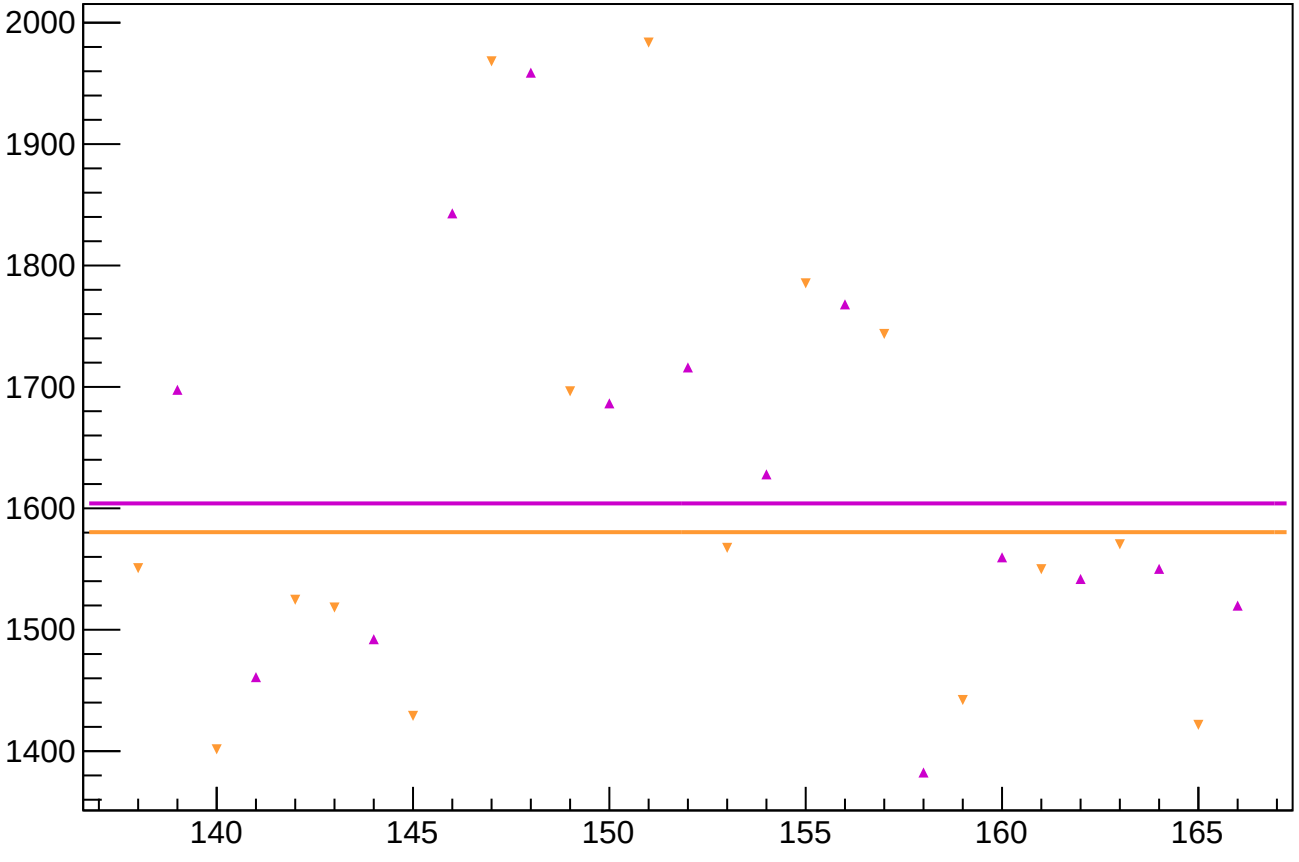
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 381.733+/-487.155 χ^2/NDF:20.9/13

Out: 1019.040+/-476.509 χ^2/NDF:23.8/14

All: 707.426+/-340.644 χ^2/NDF: 45.5/28

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1580.375+/-0.337 χ^2/NDF:245456.8/14

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

Left In: 1604.054+/-0.344 χ^2/NDF:186524.0/13

Left: 1591.953+/-0.241 χ^2/NDF: 434395.7/28

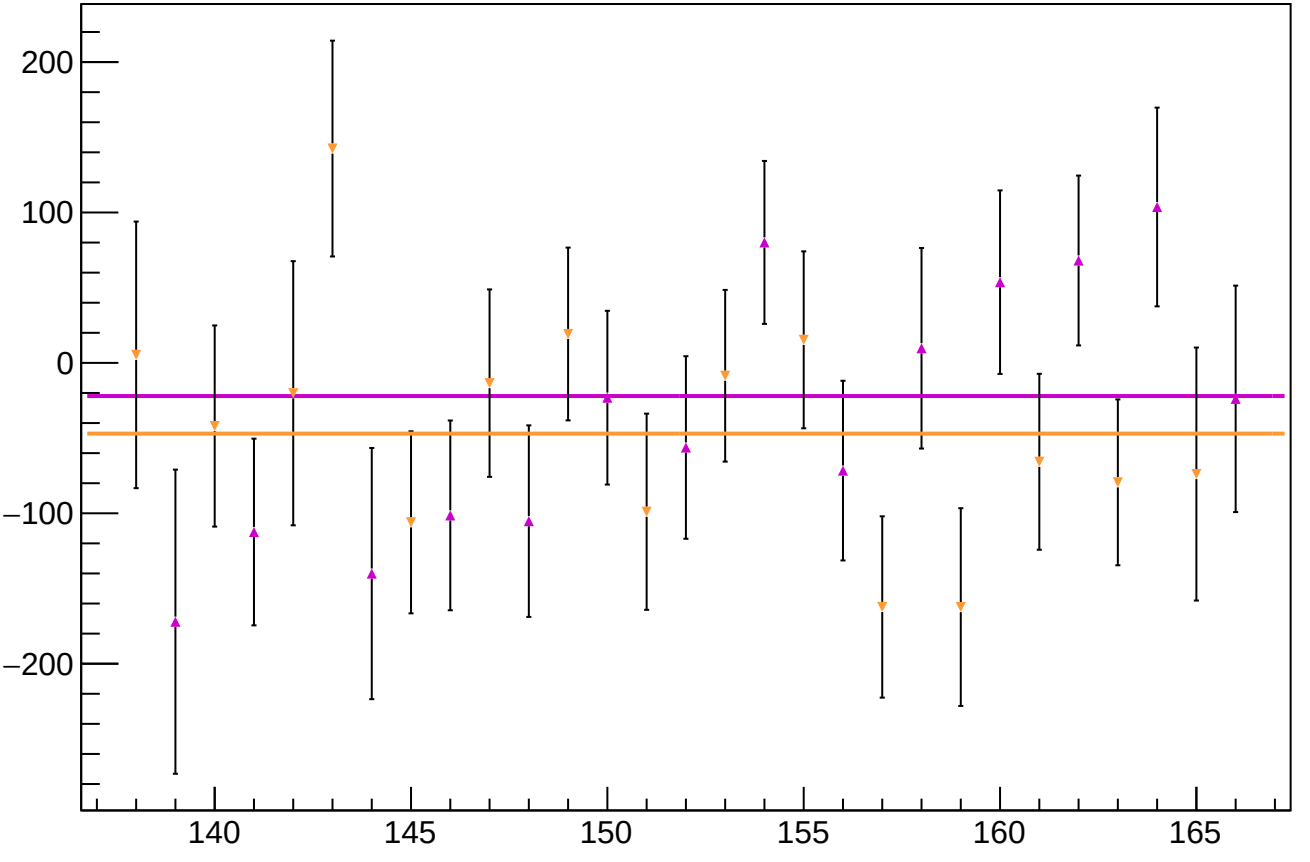
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1604.054+/-0.344 χ^2/NDF:186524.0/13

Out: 1580.375+/-0.337 χ^2/NDF:245456.8/14

All: 1591.953+/-0.241 χ^2/NDF: 434395.7/28

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -47.023+/-16.647 χ^2/NDF:19.5/14

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

Left In: -22.039+/-17.141 χ^2/NDF:22.1/13

Left: -34.897+/-11.942 χ^2/NDF: 42.7/28

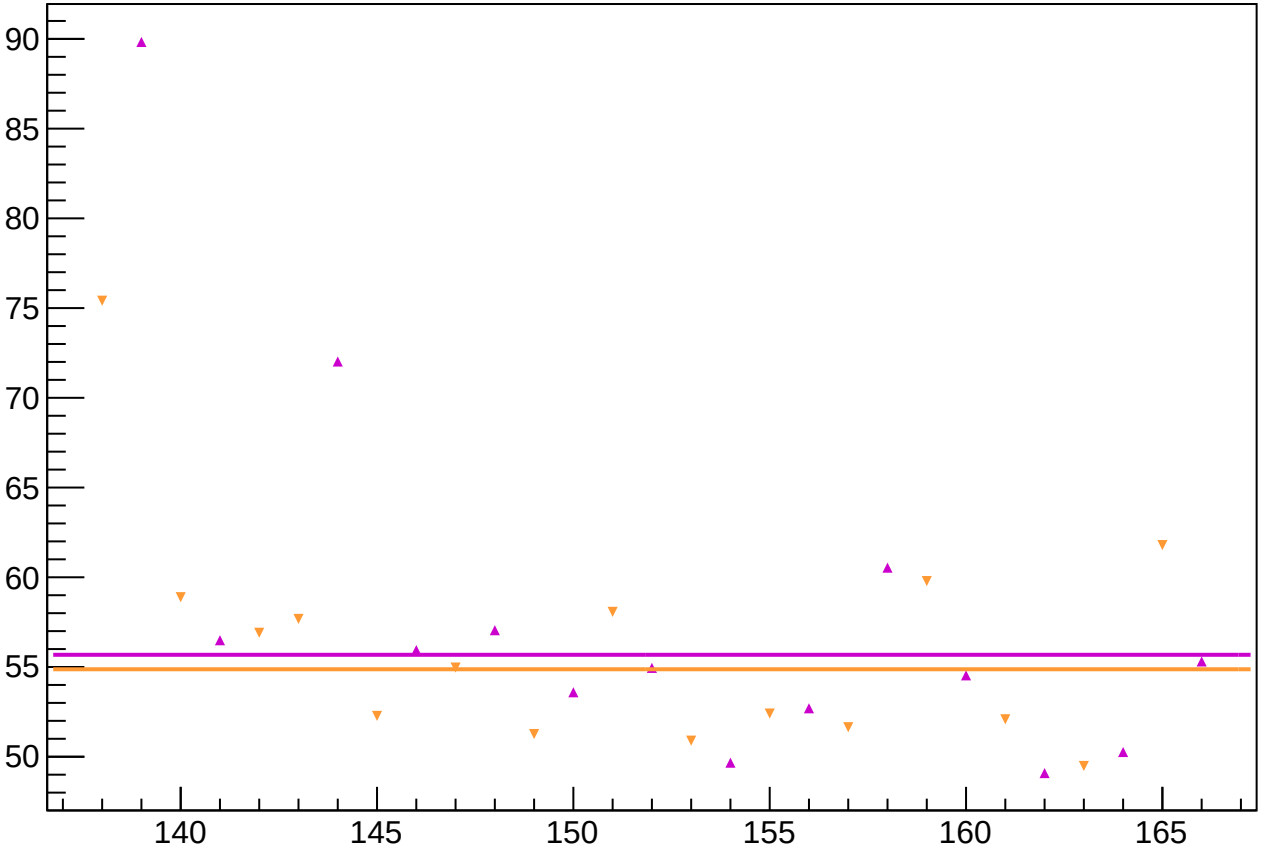
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.039+/-17.141 χ^2/NDF:22.1/13

Out: -47.023+/-16.647 χ^2/NDF:19.5/14

All: -34.897+/-11.942 χ^2/NDF: 42.7/28

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 54.874+/-0.012 χ^2/NDF:202477.2/14

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

Left In: 55.681+/-0.012 χ^2/NDF:390578.9/13

Left: 55.266+/-0.008 χ^2/NDF: 595336.0/28

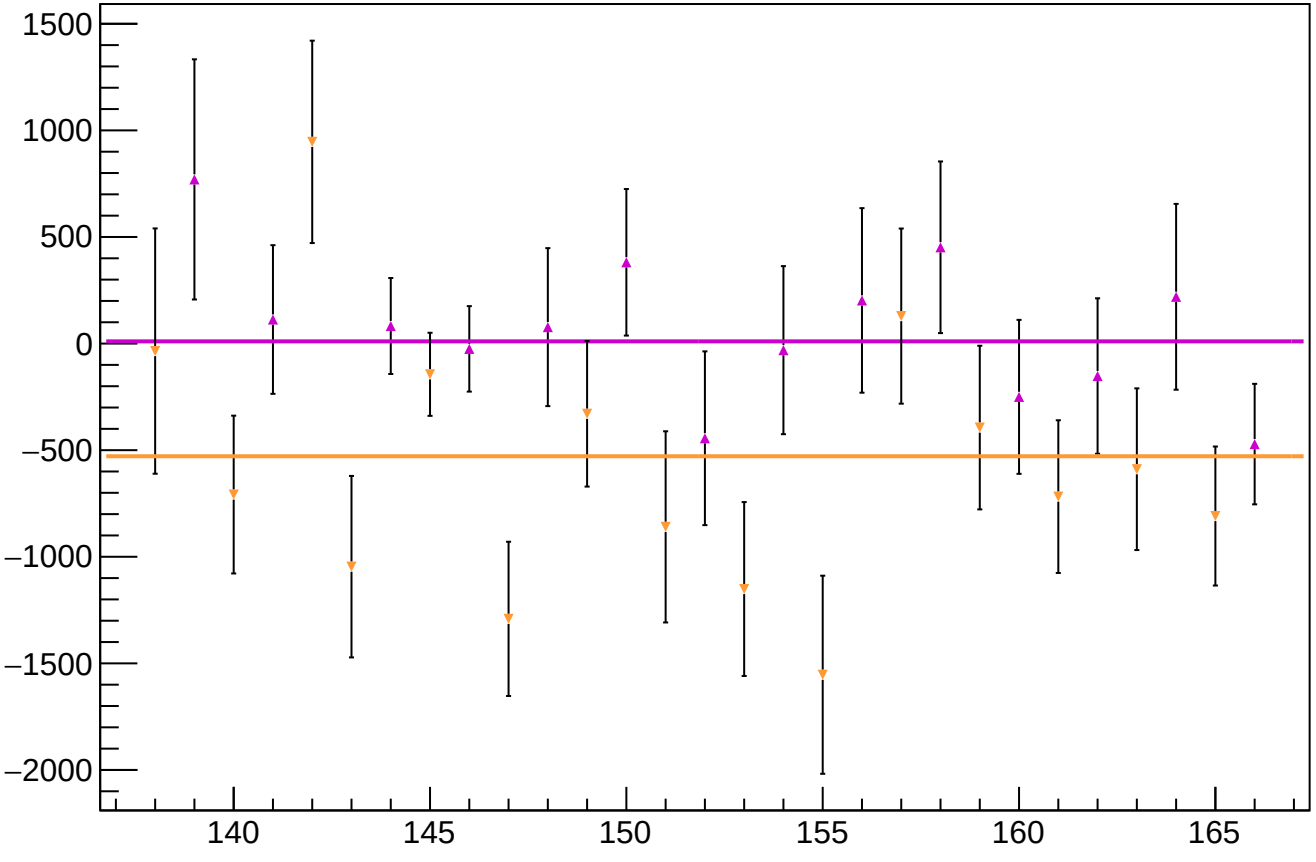
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 55.681+/-0.012 χ^2/NDF:390578.9/13

Out: 54.874+/-0.012 χ^2/NDF:202477.2/14

All: 55.266+/-0.008 χ^2/NDF: 595336.0/28

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -528.493+/-93.122 χ^2/NDF:32.3/14

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

Left In: 10.414+/-88.151 χ^2/NDF:9.7/13

Left: -244.273+/-64.017 χ^2/NDF: 59.7/28

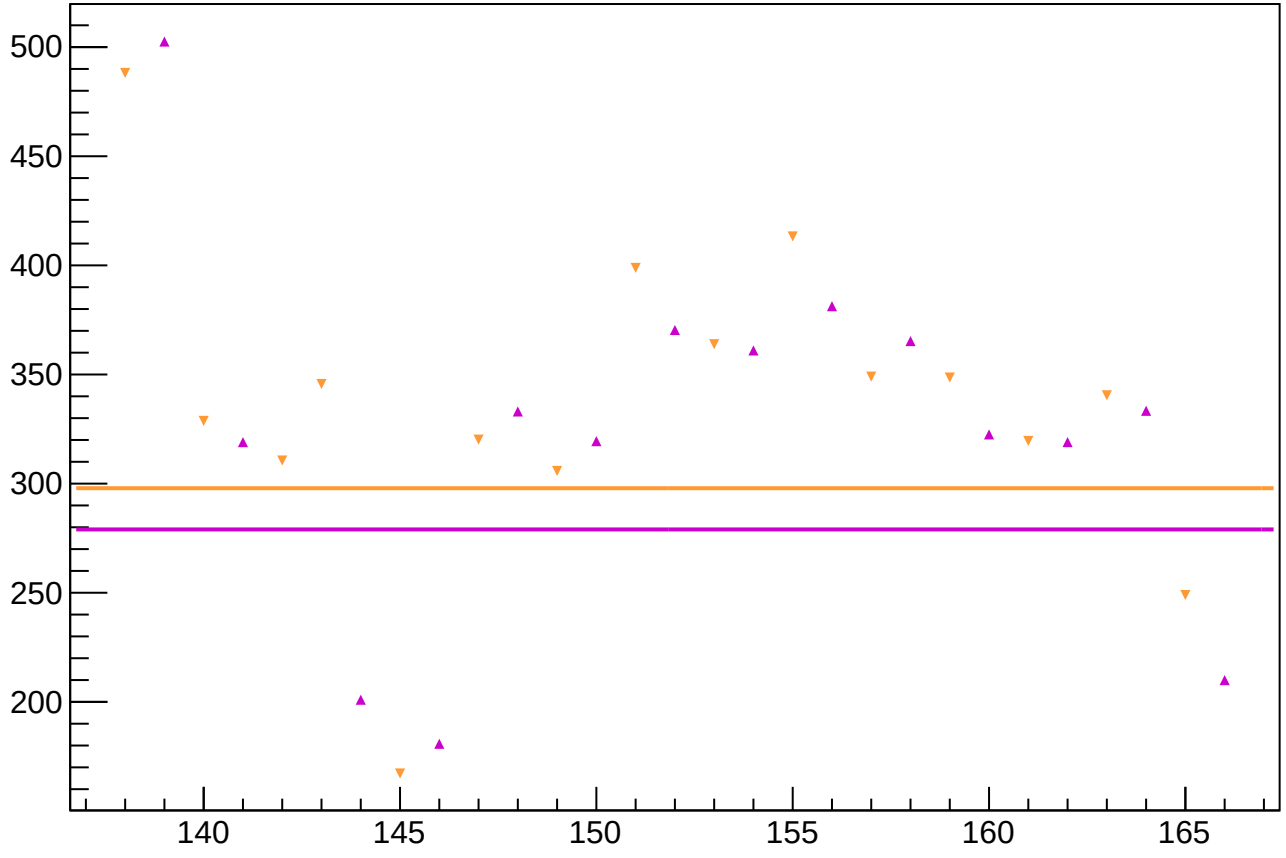
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 10.414+/-88.151 χ^2/NDF:9.7/13

Out: -528.493+/-93.122 χ^2/NDF:32.3/14

All: -244.273+/-64.017 χ^2/NDF: 59.7/28

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 297.897+/-0.066 χ^2/NDF:1588352.4/14

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

Left In: 279.010+/-0.062 χ^2/NDF:1726282.5/13

Left: 287.936+/-0.045 χ^2/NDF: 3358025.1/28

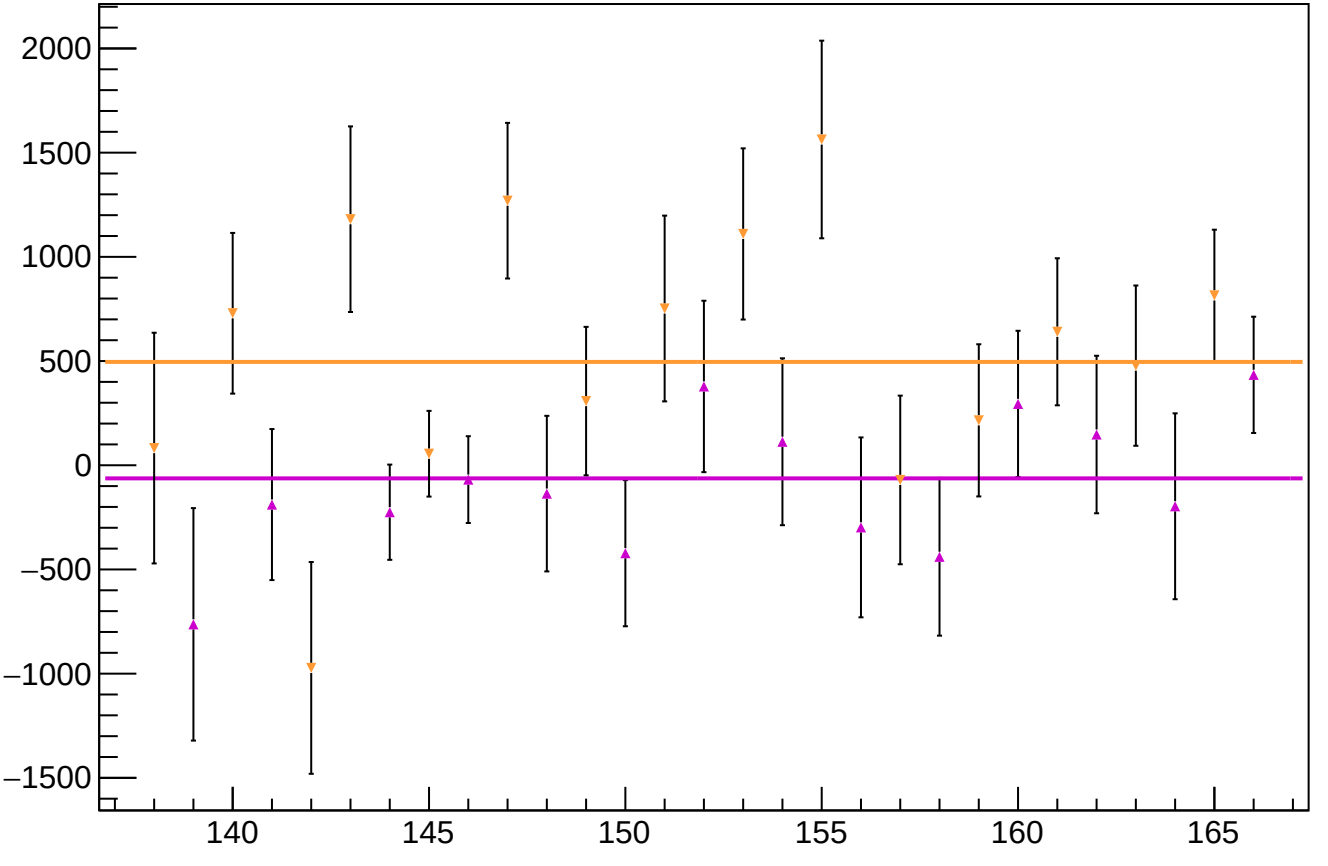
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 279.010+/-0.062 χ^2/NDF:1726282.5/13

Out: 297.897+/-0.066 χ^2/NDF:1588352.4/14

All: 287.936+/-0.045 χ^2/NDF: 3358025.1/28

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 495.885+/-94.713 χ^2/NDF:32.2/14

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

Left In: -62.948+/-89.136 χ^2/NDF:10.5/13

Left: 199.530+/-64.911 χ^2/NDF: 61.2/28

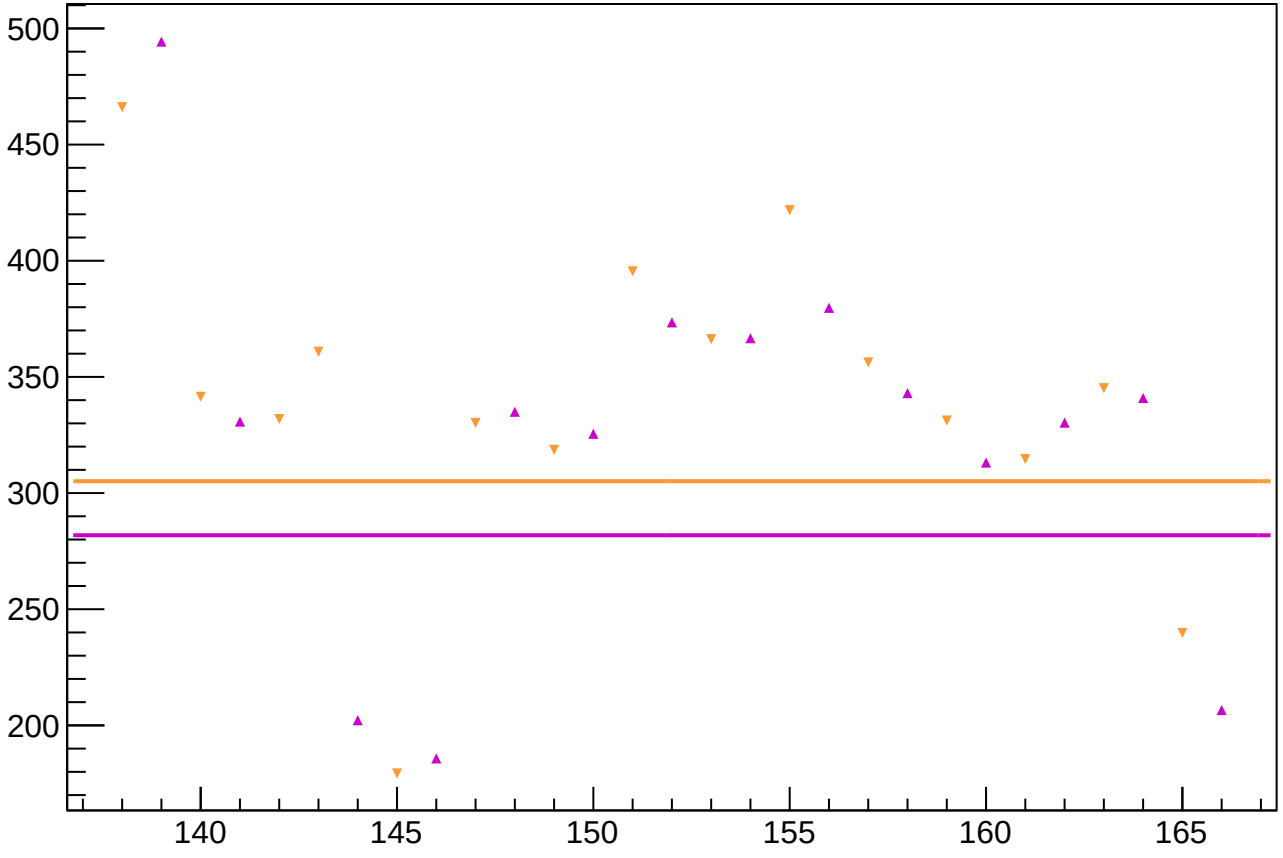
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -62.948+/-89.136 χ^2/NDF:10.5/13

Out: 495.885+/-94.713 χ^2/NDF:32.2/14

All: 199.530+/-64.911 χ^2/NDF: 61.2/28

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 305.122+/-0.067 χ^2/NDF:1382612.5/14

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

Left In: 281.842+/-0.063 χ^2/NDF:1640336.6/13

Left: 292.776+/-0.046 χ^2/NDF: 3087025.8/28

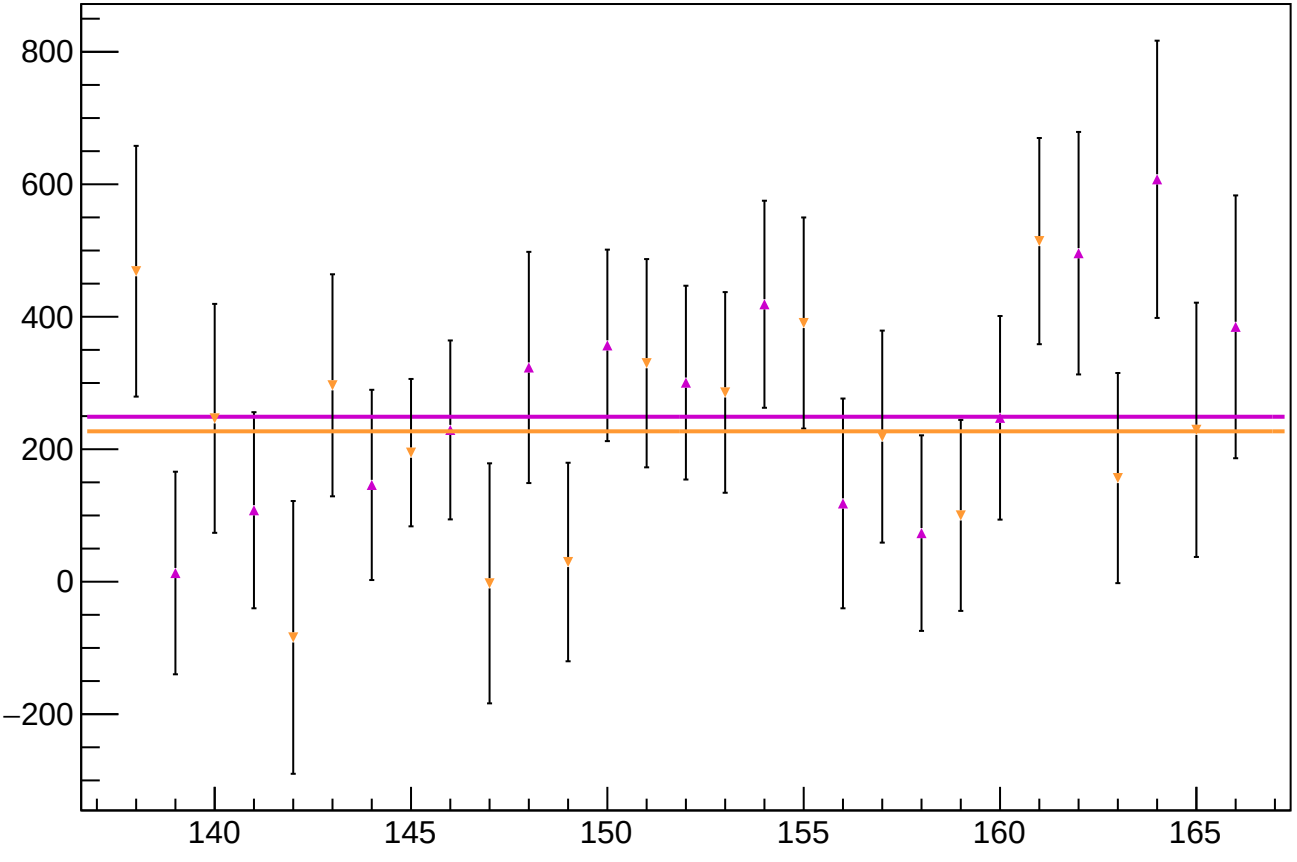
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 281.842+/-0.063 χ^2/NDF:1640336.6/13

Out: 305.122+/-0.067 χ^2/NDF:1382612.5/14

All: 292.776+/-0.046 χ^2/NDF: 3087025.8/28

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 227.051+/-40.994 χ^2/NDF:13.5/14

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

Left In: 249.052+/-42.025 χ^2/NDF:13.2/13

Left: 237.778+/-29.345 χ^2/NDF: 26.9/28

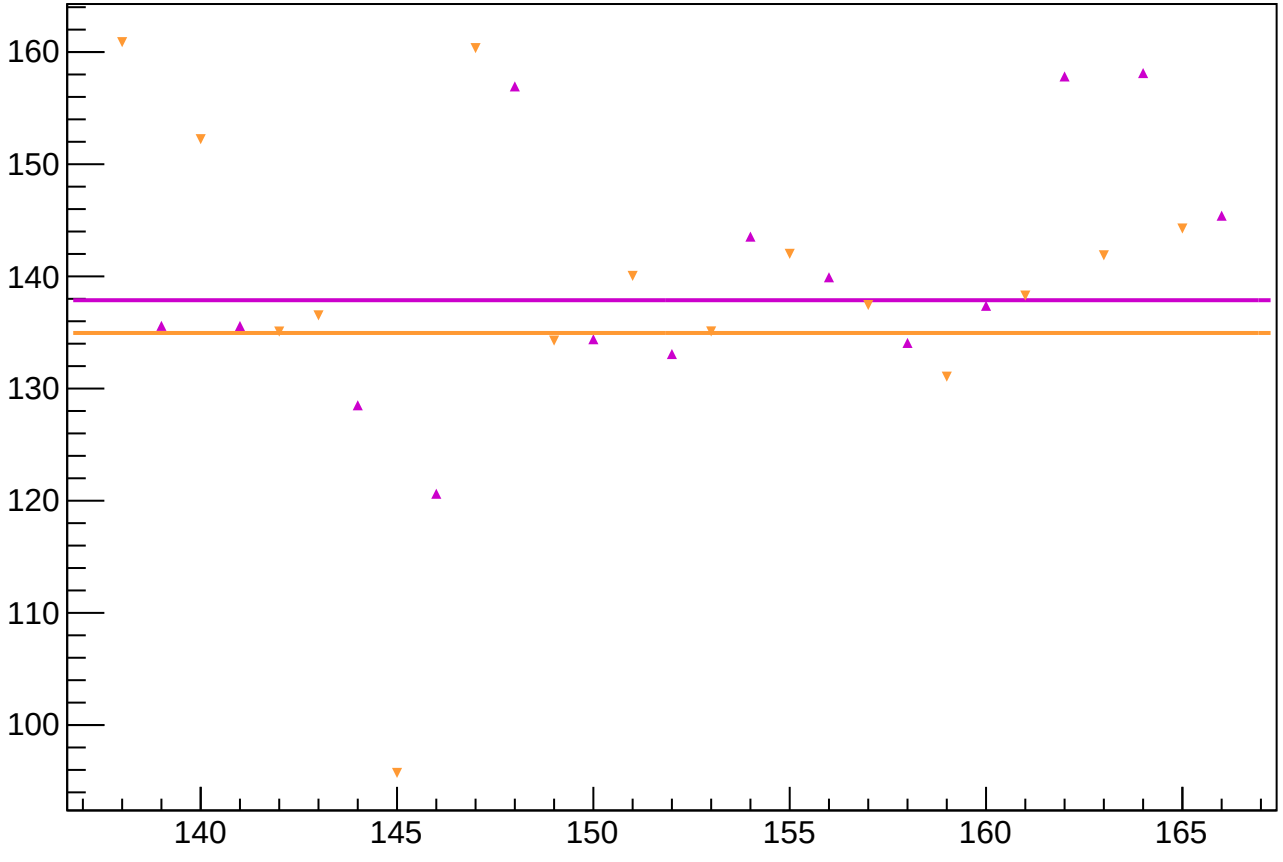
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 249.052+/-42.025 χ^2/NDF:13.2/13

Out: 227.051+/-40.994 χ^2/NDF:13.5/14

All: 237.778+/-29.345 χ^2/NDF: 26.9/28

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 134.956+/-0.029 χ^2/NDF:362971.1/14

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

Left In: 137.876+/-0.030 χ^2/NDF:118907.7/13

Left: 136.379+/-0.021 χ^2/NDF: 486827.0/28

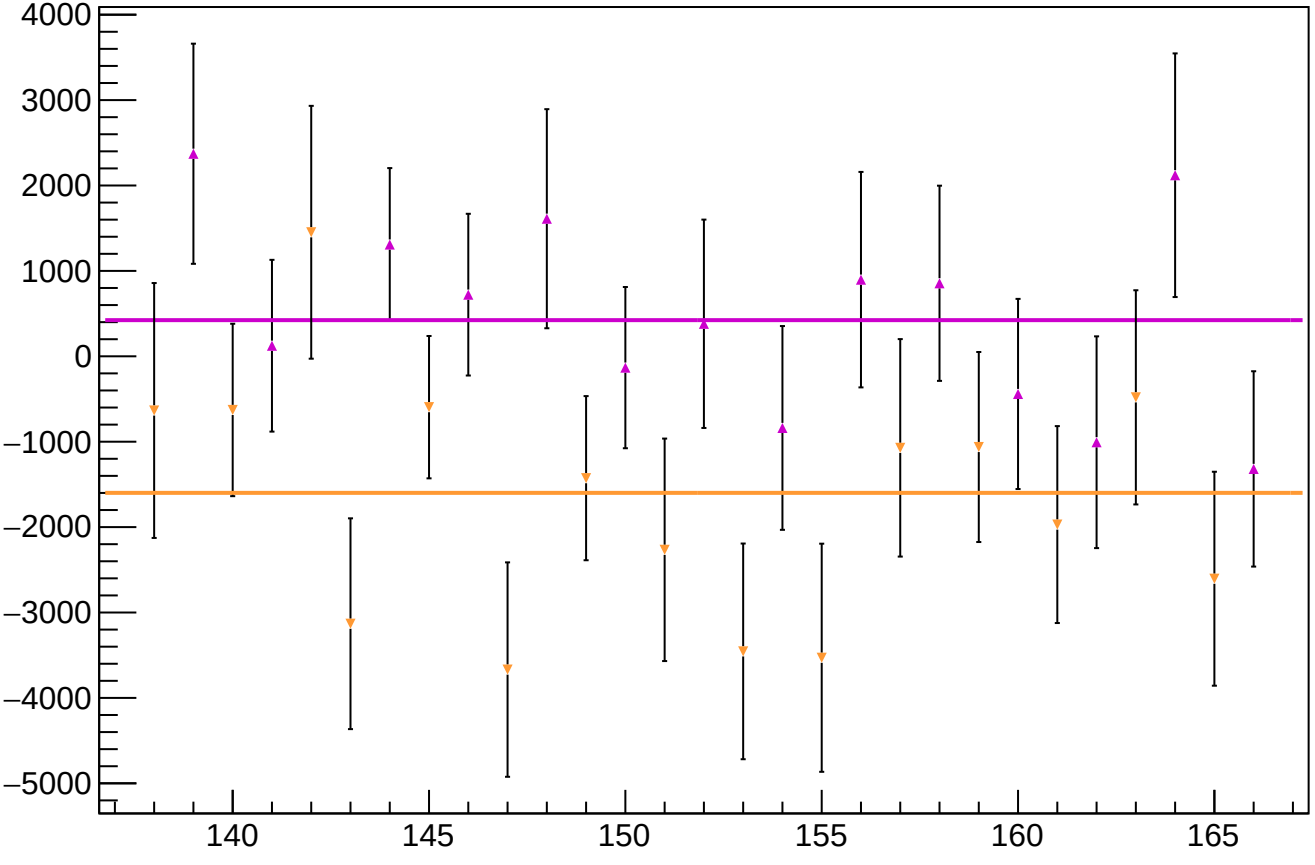
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 137.876+/-0.030 χ^2/NDF:118907.7/13

Out: 134.956+/-0.029 χ^2/NDF:362971.1/14

All: 136.379+/-0.021 χ^2/NDF: 486827.0/28

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1598.967+/-302.507 χ^2/NDF:17.8/14

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

Left In: 423.403+/-299.253 χ^2/NDF:11.7/13

Left: -576.846+/-212.745 χ^2/NDF: 52.1/28

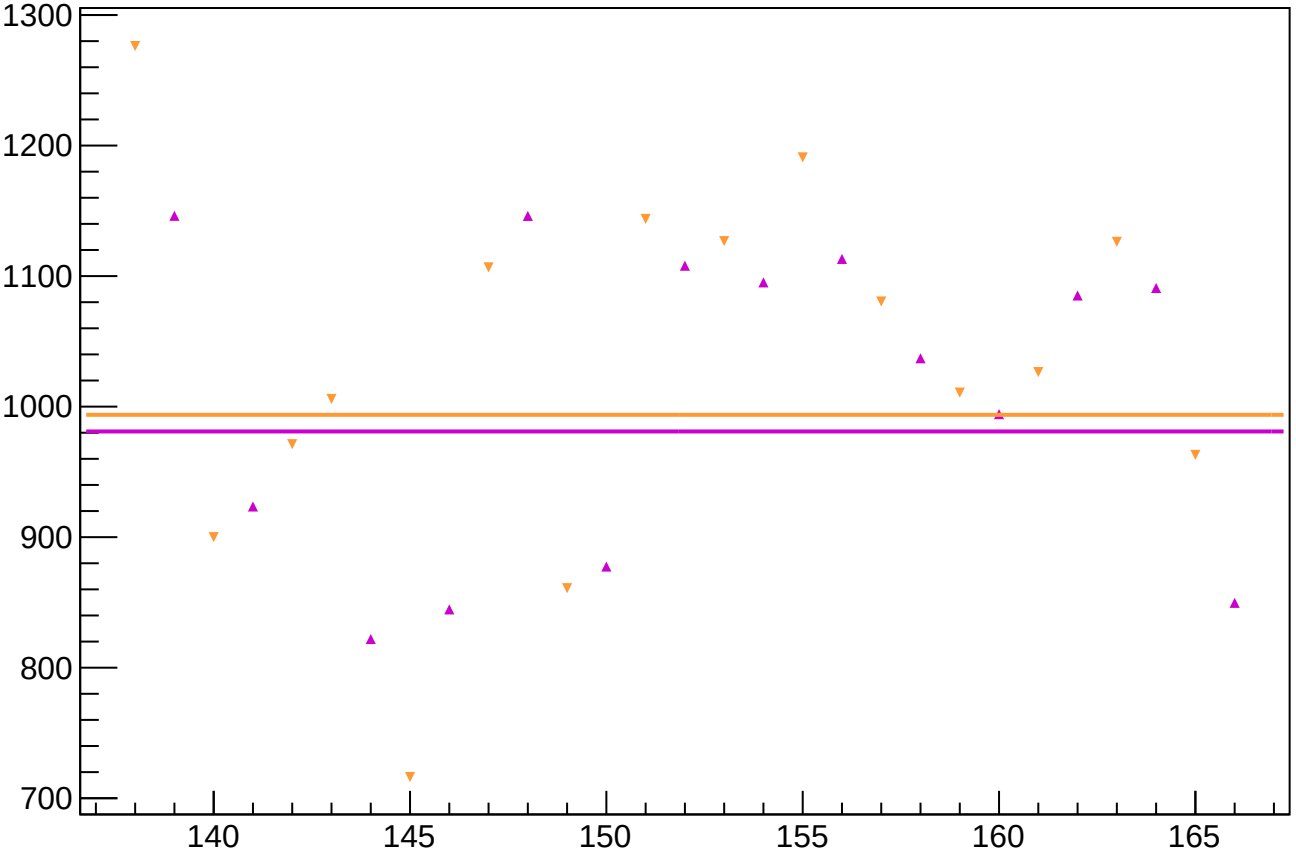
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 423.403+/-299.253 χ^2/NDF:11.7/13

Out: -1598.967+/-302.507 χ^2/NDF:17.8/14

All: -576.846+/-212.745 χ^2/NDF: 52.1/28

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 993.726+/-0.214 χ^2/NDF:492960.1/14

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

Left In: 980.983+/-0.212 χ^2/NDF:320556.9/13

Left: 987.286+/-0.150 χ^2/NDF: 815310.9/28

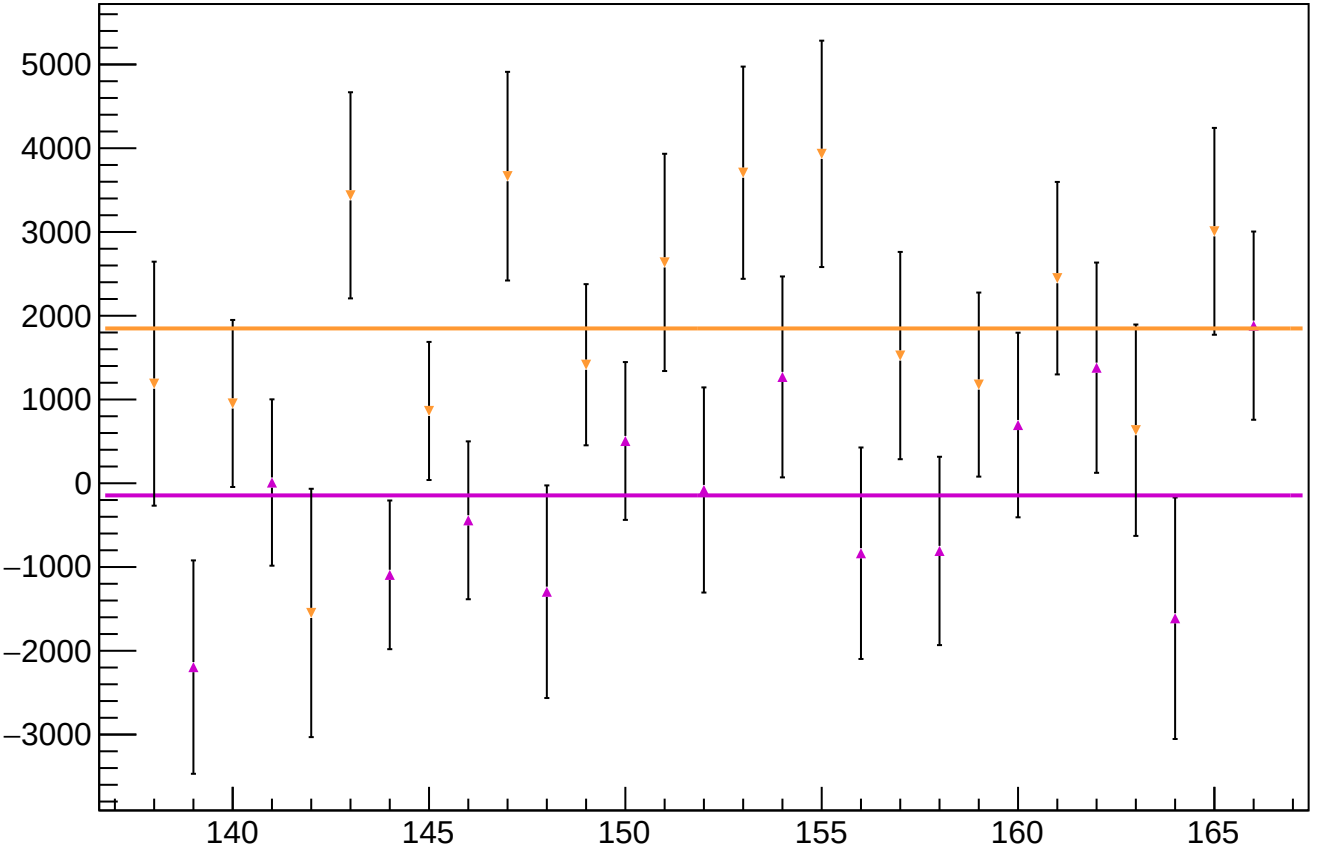
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 980.983+/-0.212 χ^2/NDF:320556.9/13

Out: 993.726+/-0.214 χ^2/NDF:492960.1/14

All: 987.286+/-0.150 χ^2/NDF: 815310.9/28

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1848.391+/-300.469 χ^2/NDF:19.1/14

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

Left In: -144.857+/-297.688 χ^2/NDF:13.5/13

Left: 842.497+/-211.474 χ^2/NDF: 54.9/28

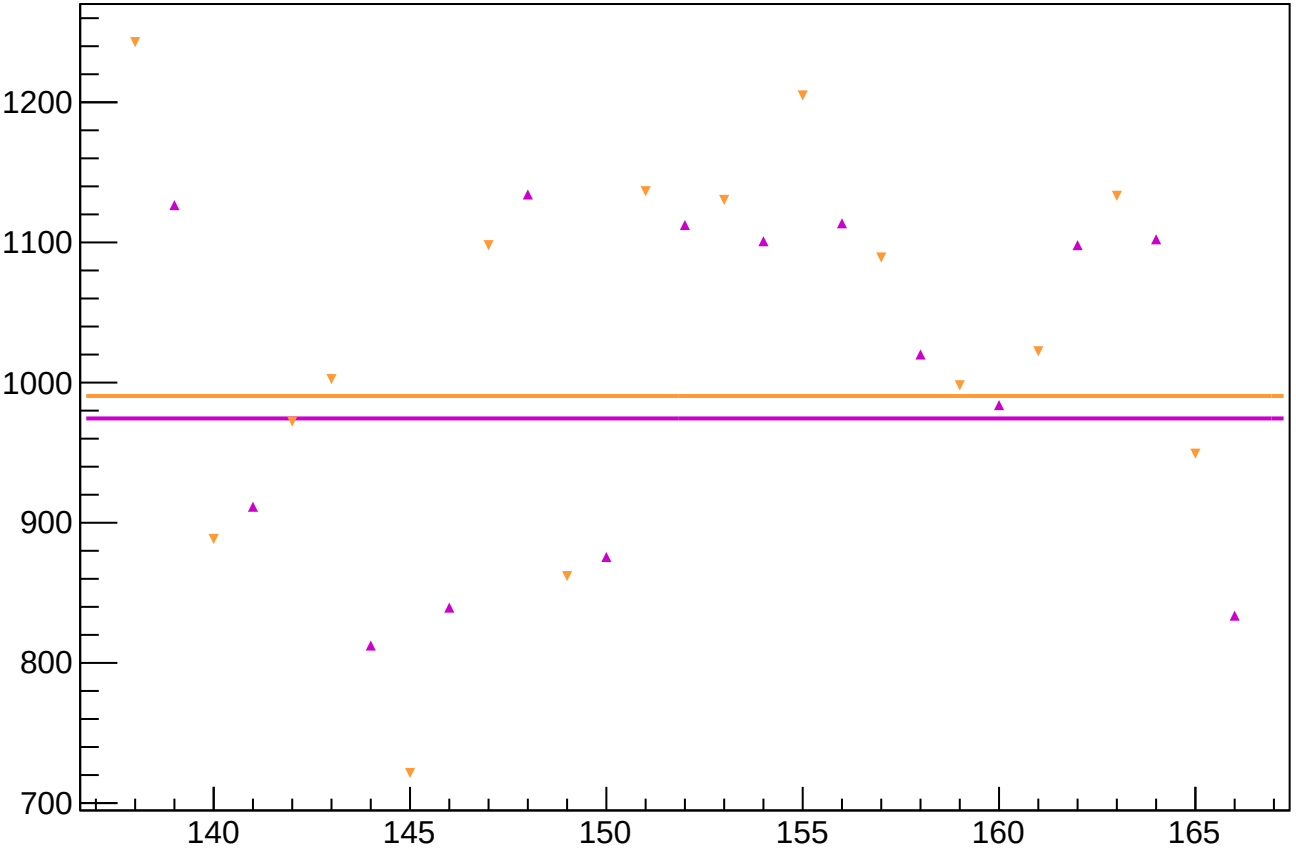
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -144.857+/-297.688 χ^2/NDF:13.5/13

Out: 1848.391+/-300.469 χ^2/NDF:19.1/14

All: 842.497+/-211.474 χ^2/NDF: 54.9/28

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 990.429+/-0.212 χ^2/NDF:487414.9/14

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

Left In: 974.425+/-0.210 χ^2/NDF:339816.3/13

Left: 982.352+/-0.150 χ^2/NDF: 830094.4/28

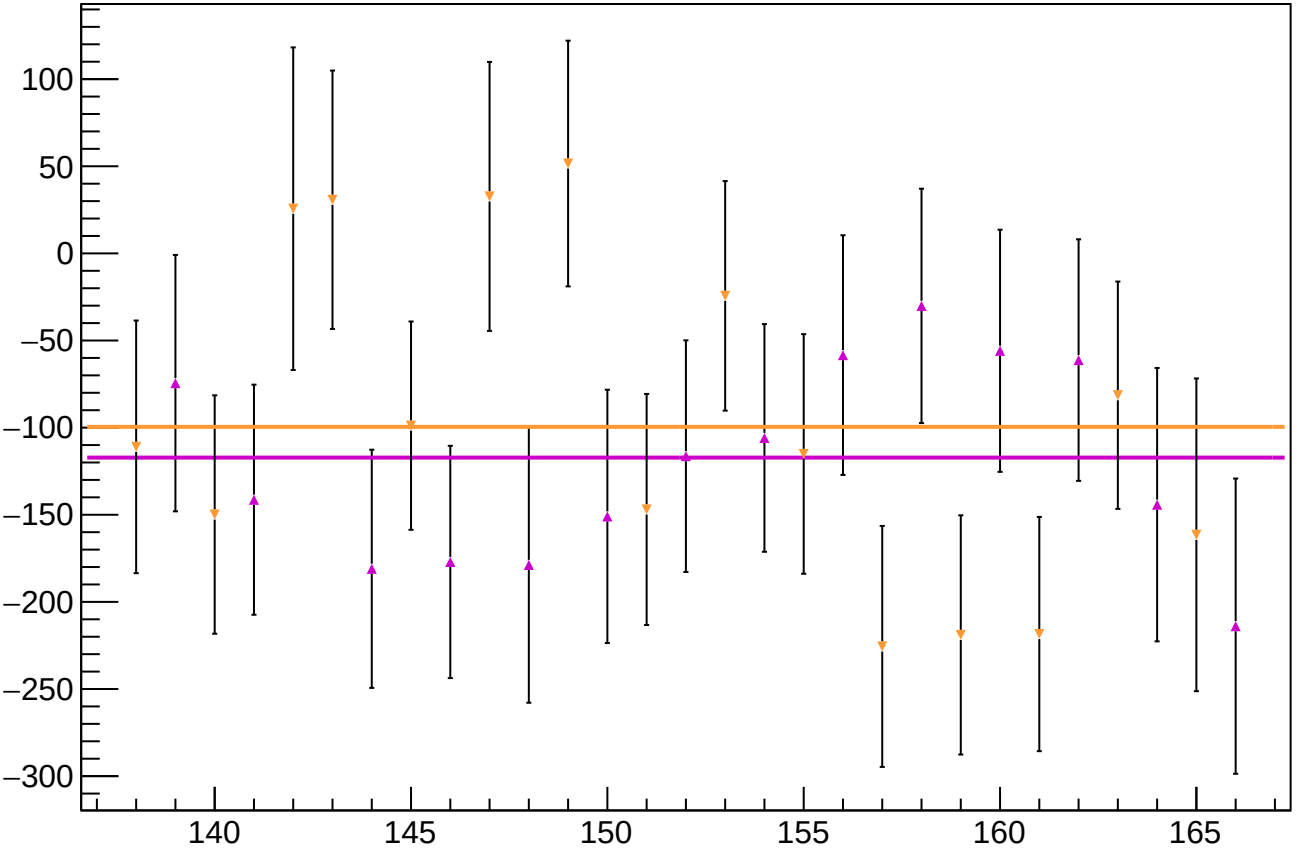
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 974.425+/-0.210 χ^2/NDF:339816.3/13

Out: 990.429+/-0.212 χ^2/NDF:487414.9/14

All: 982.352+/-0.150 χ^2/NDF: 830094.4/28

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: -99.553+/-18.188 χ^2/NDF:24.9/14

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

Left In: -117.200+/-18.855 χ^2/NDF:8.3/13

Left: -108.059+/-13.090 χ^2/NDF: 33.6/28

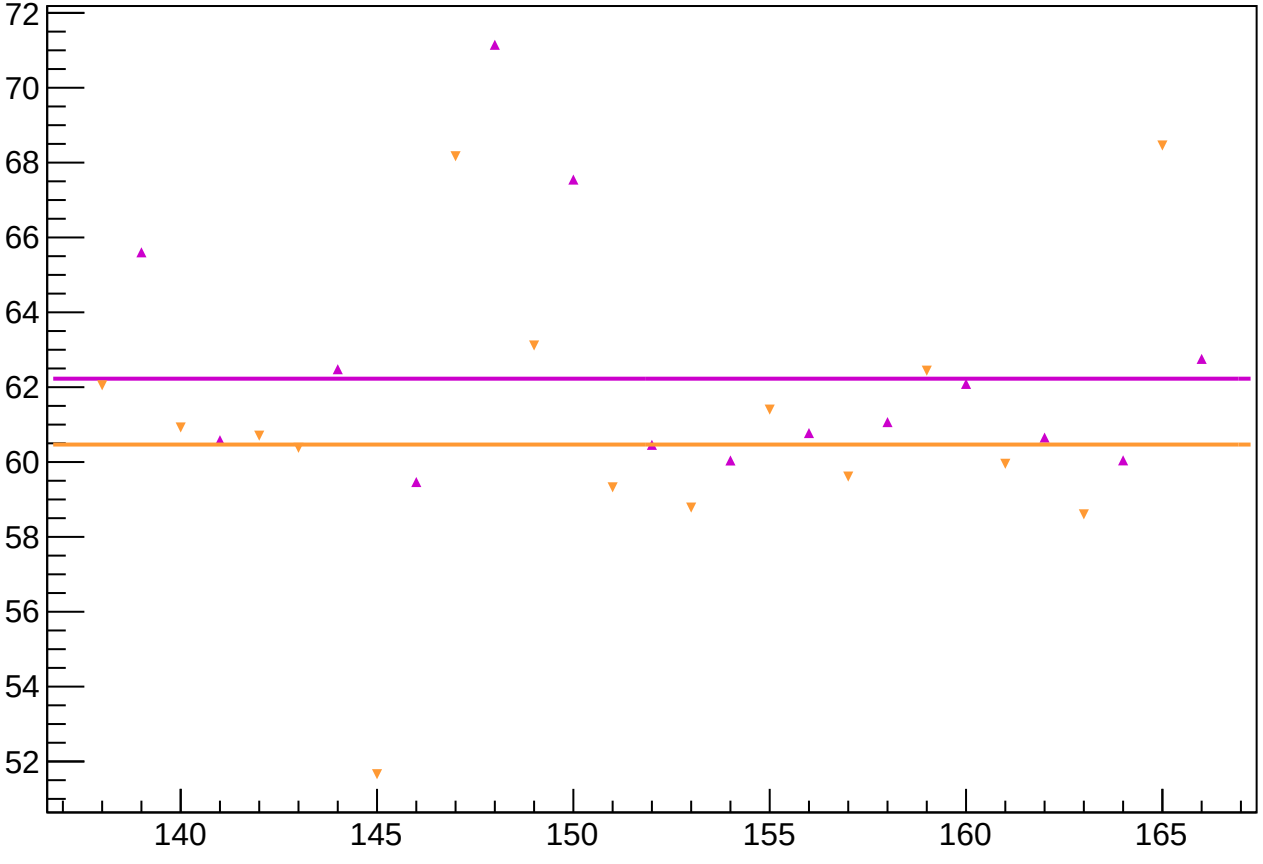
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -117.200+/-18.855 χ^2/NDF:8.3/13

Out: -99.553+/-18.188 χ^2/NDF:24.9/14

All: -108.059+/-13.090 χ^2/NDF: 33.6/28

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: 60.467+/-0.013 χ^2/NDF:89063.9/14

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

Left In: 62.227+/-0.013 χ^2/NDF:52871.2/13

Left: 61.315+/-0.009 χ^2/NDF: 150960.0/28

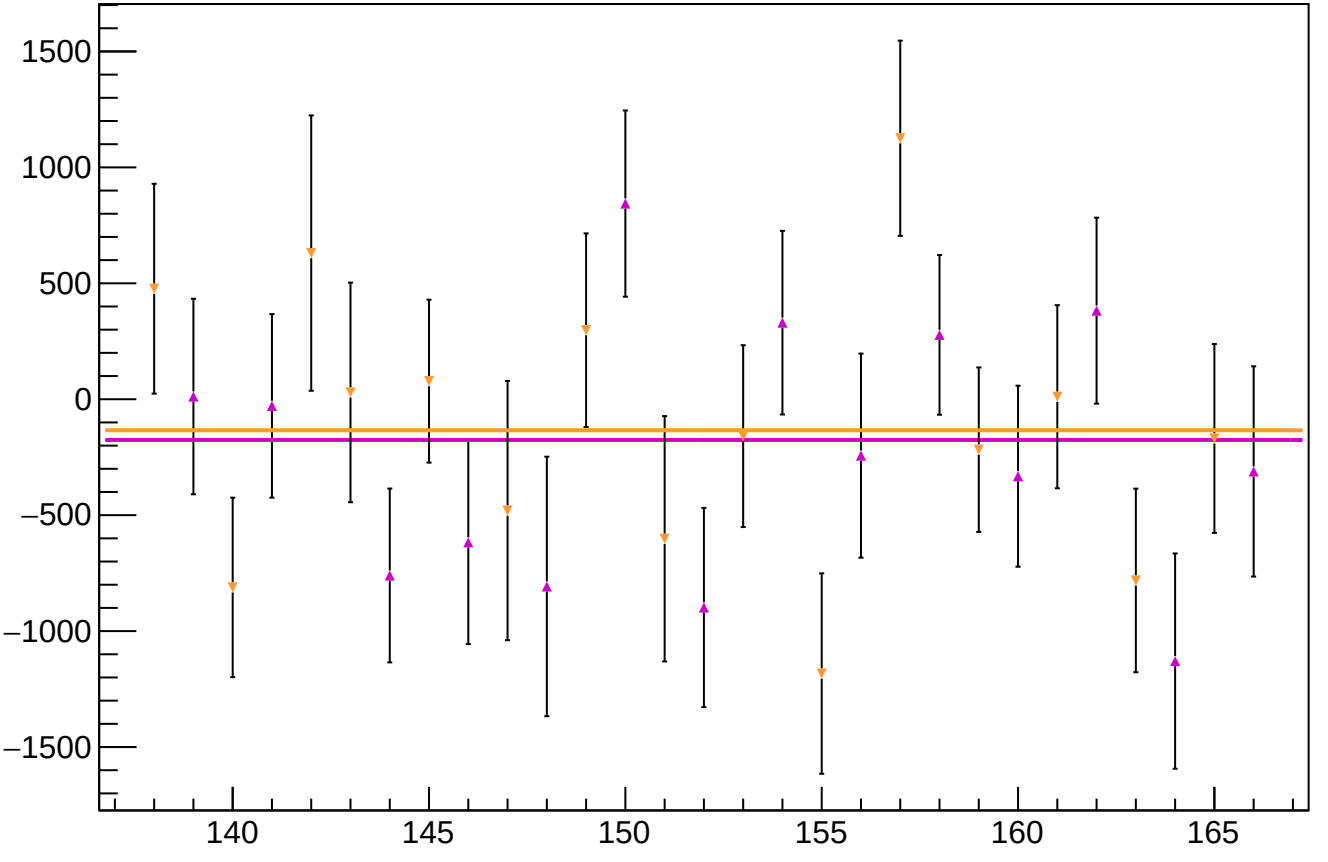
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 62.227+/-0.013 χ^2/NDF:52871.2/13

Out: 60.467+/-0.013 χ^2/NDF:89063.9/14

All: 61.315+/-0.009 χ^2/NDF: 150960.0/28

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: -133.745+/-109.278 χ^2/NDF:27.0/14

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

Left In: -175.886+/-110.843 χ^2/NDF:24.1/13

Left: -154.516+/-77.819 χ^2/NDF: 51.2/28

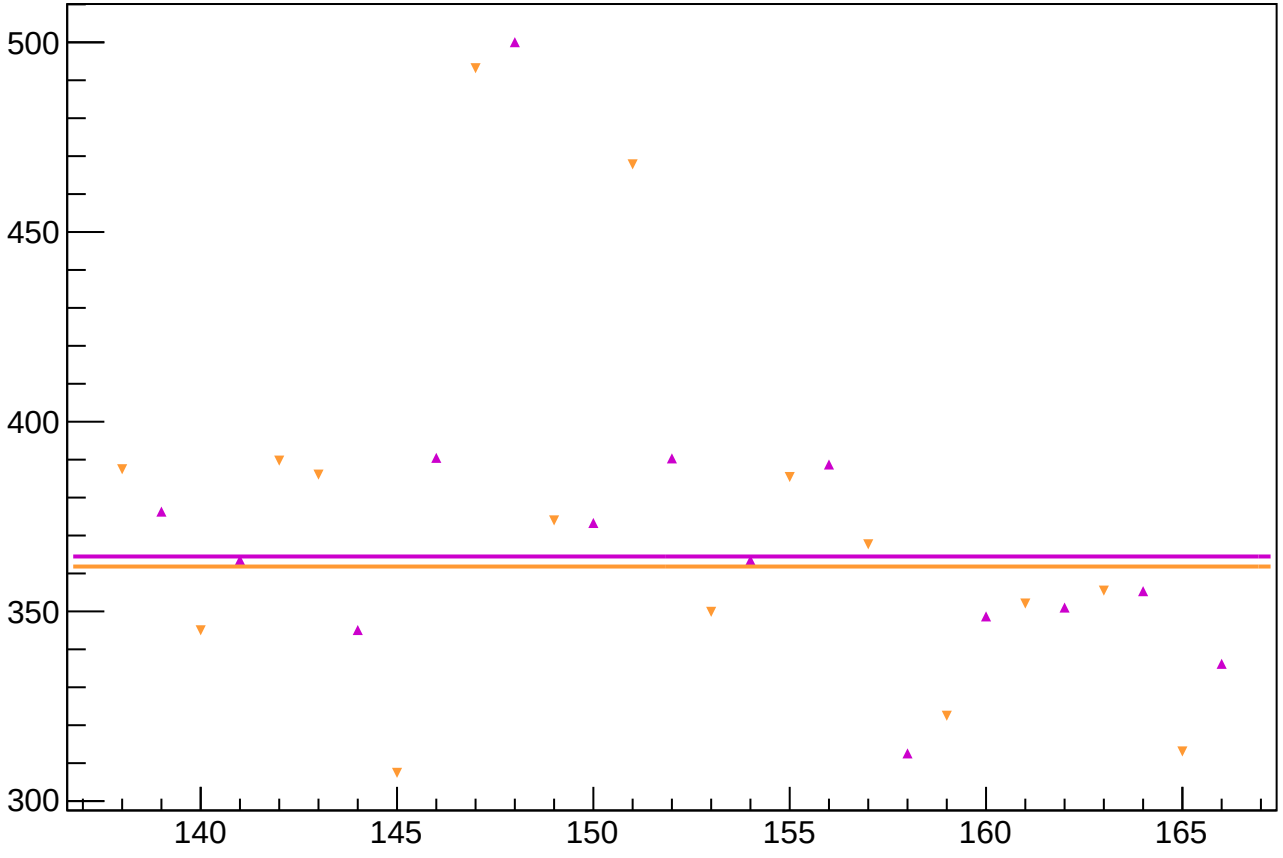
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -175.886+/-110.843 χ^2/NDF:24.1/13

Out: -133.745+/-109.278 χ^2/NDF:27.0/14

All: -154.516+/-77.819 χ^2/NDF: 51.2/28

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: 361.825+/-0.077 χ^2/NDF:323326.2/14

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

Left In: 364.474+/-0.078 χ^2/NDF:205153.4/13

Left: 363.131+/-0.055 χ^2/NDF: 529059.0/28

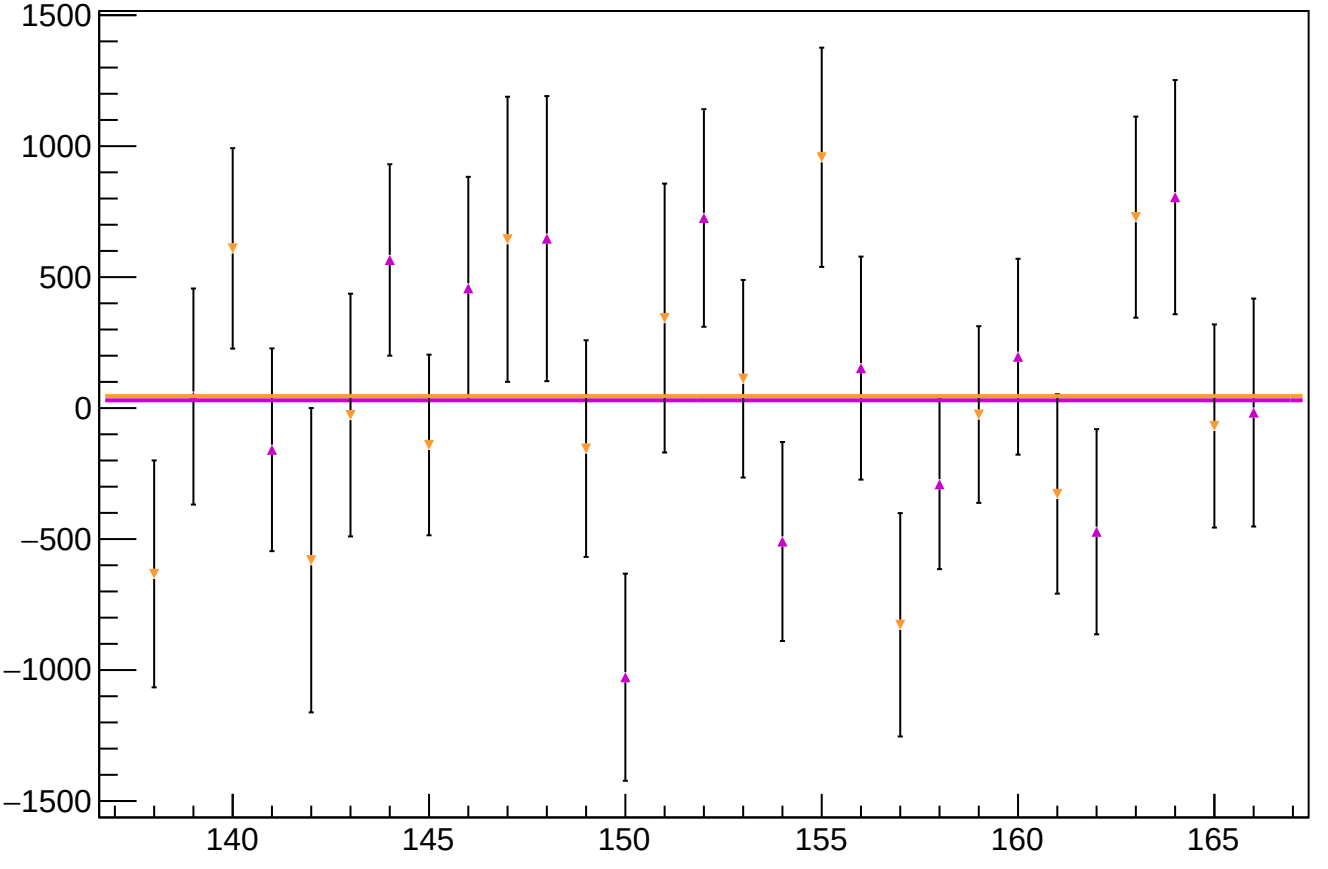
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 364.474+/-0.078 χ^2/NDF:205153.4/13

Out: 361.825+/-0.077 χ^2/NDF:323326.2/14

All: 363.131+/-0.055 χ^2/NDF: 529059.0/28

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: 45.796+/-106.246 χ^2/NDF:21.1/14

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

Left In: 29.750+/-107.174 χ^2/NDF:22.6/13

Left: 37.843+/-75.453 χ^2/NDF: 43.7/28

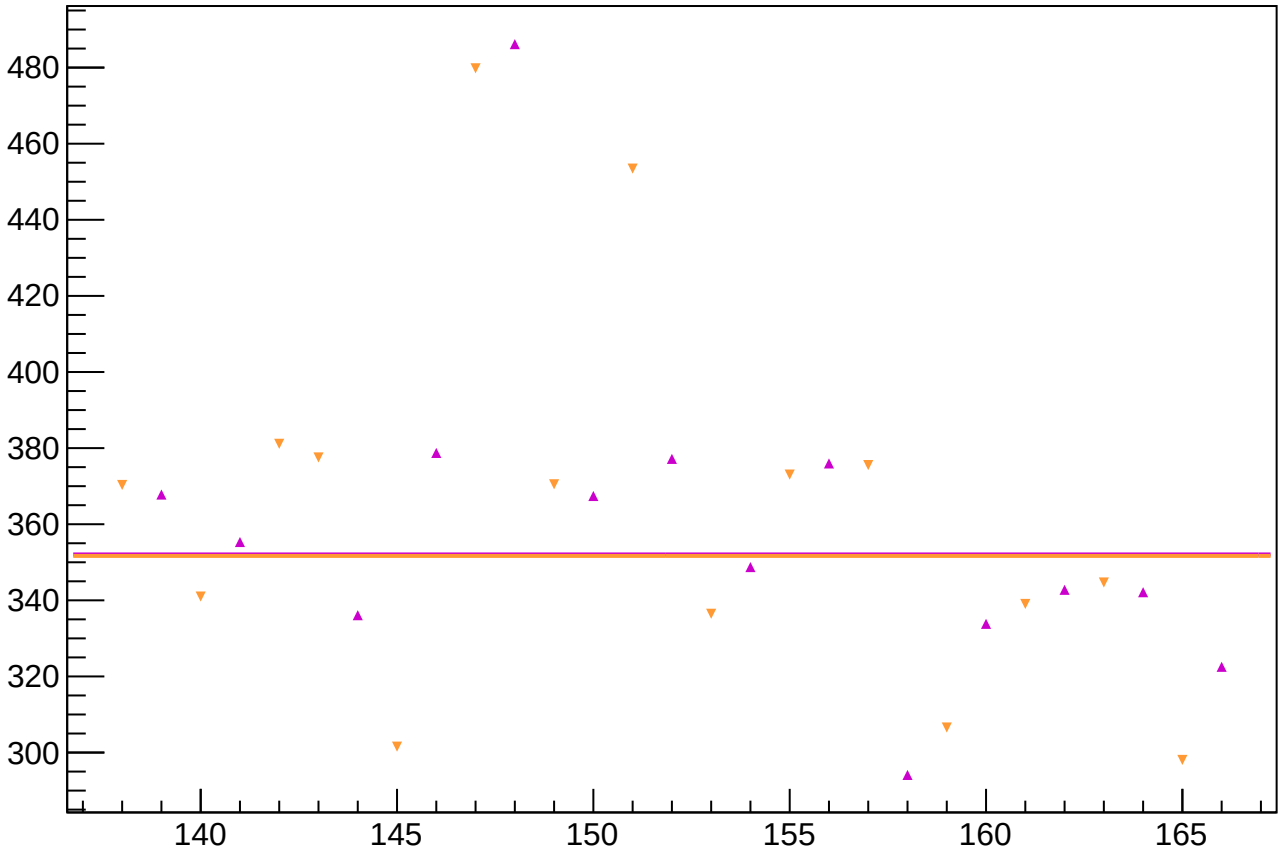
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 29.750+/-107.174 χ^2/NDF:22.6/13

Out: 45.796+/-106.246 χ^2/NDF:21.1/14

All: 37.843+/-75.453 χ^2/NDF: 43.7/28

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 351.677+/-0.075 χ^2/NDF:344189.2/14

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

Left In: 352.053+/-0.076 χ^2/NDF:232981.0/13

Left: 351.863+/-0.053 χ^2/NDF: 577182.6/28

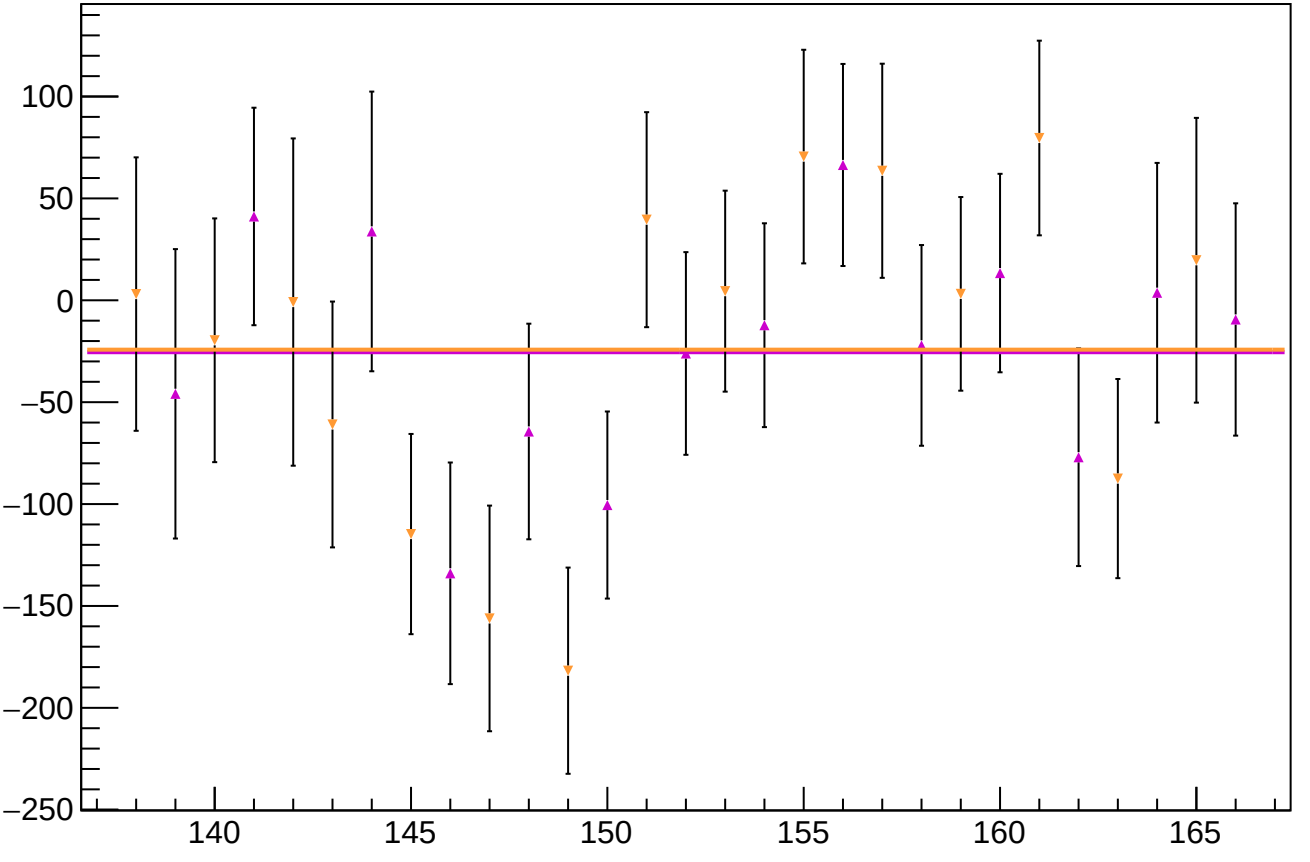
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 352.053+/-0.076 χ^2/NDF:232981.0/13

Out: 351.677+/-0.075 χ^2/NDF:344189.2/14

All: 351.863+/-0.053 χ^2/NDF: 577182.6/28

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: -24.226+/-14.052 χ^2/NDF:34.4/14

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

Left In: -25.478+/-14.313 χ^2/NDF:14.9/13

Left: -24.841+/-10.027 χ^2/NDF: 49.3/28

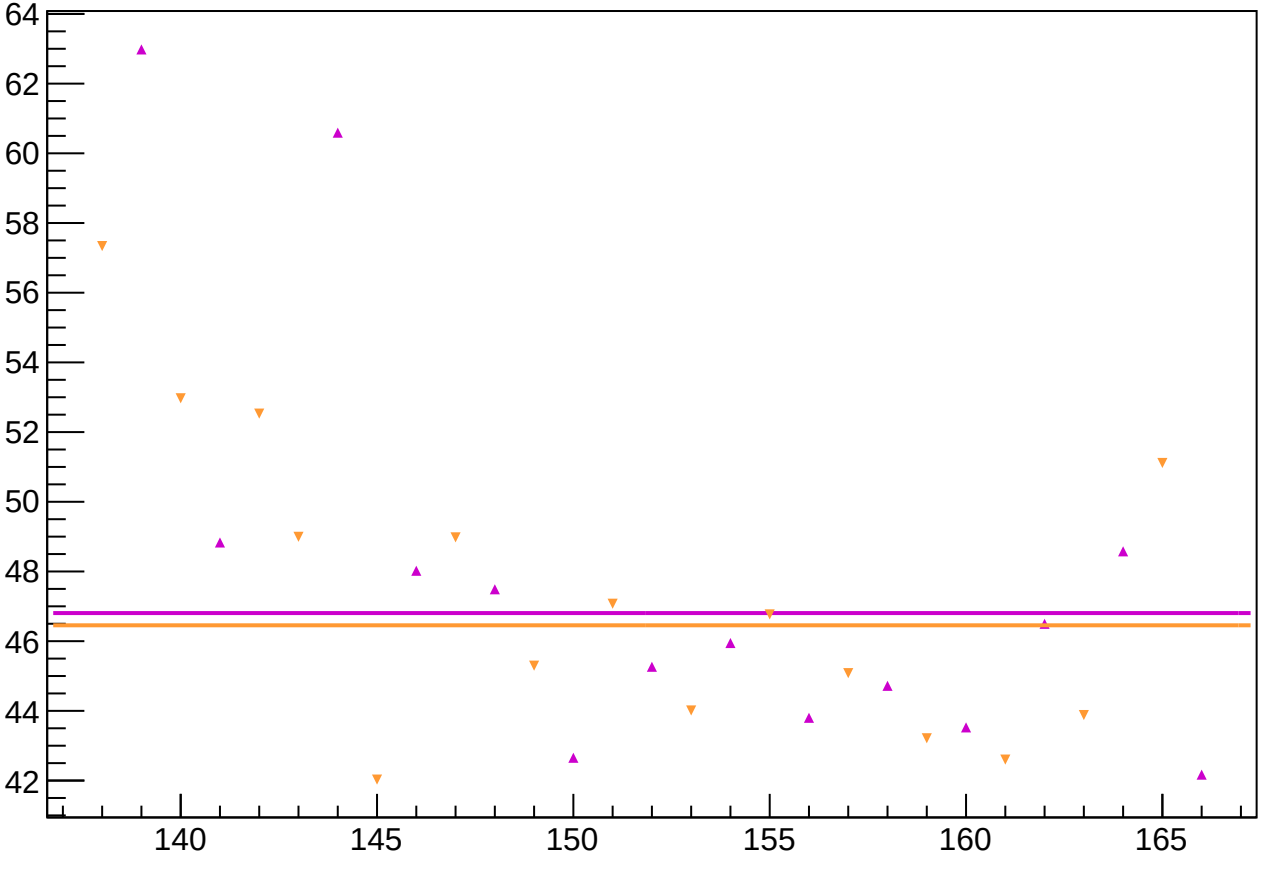
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -25.478+/-14.313 χ^2/NDF:14.9/13

Out: -24.226+/-14.052 χ^2/NDF:34.4/14

All: -24.841+/-10.027 χ^2/NDF: 49.3/28

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: 46.455+/-0.010 χ^2/NDF:156180.1/14

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

Left In: 46.806+/-0.010 χ^2/NDF:242412.7/13

Left: 46.628+/-0.007 χ^2/NDF: 399205.3/28

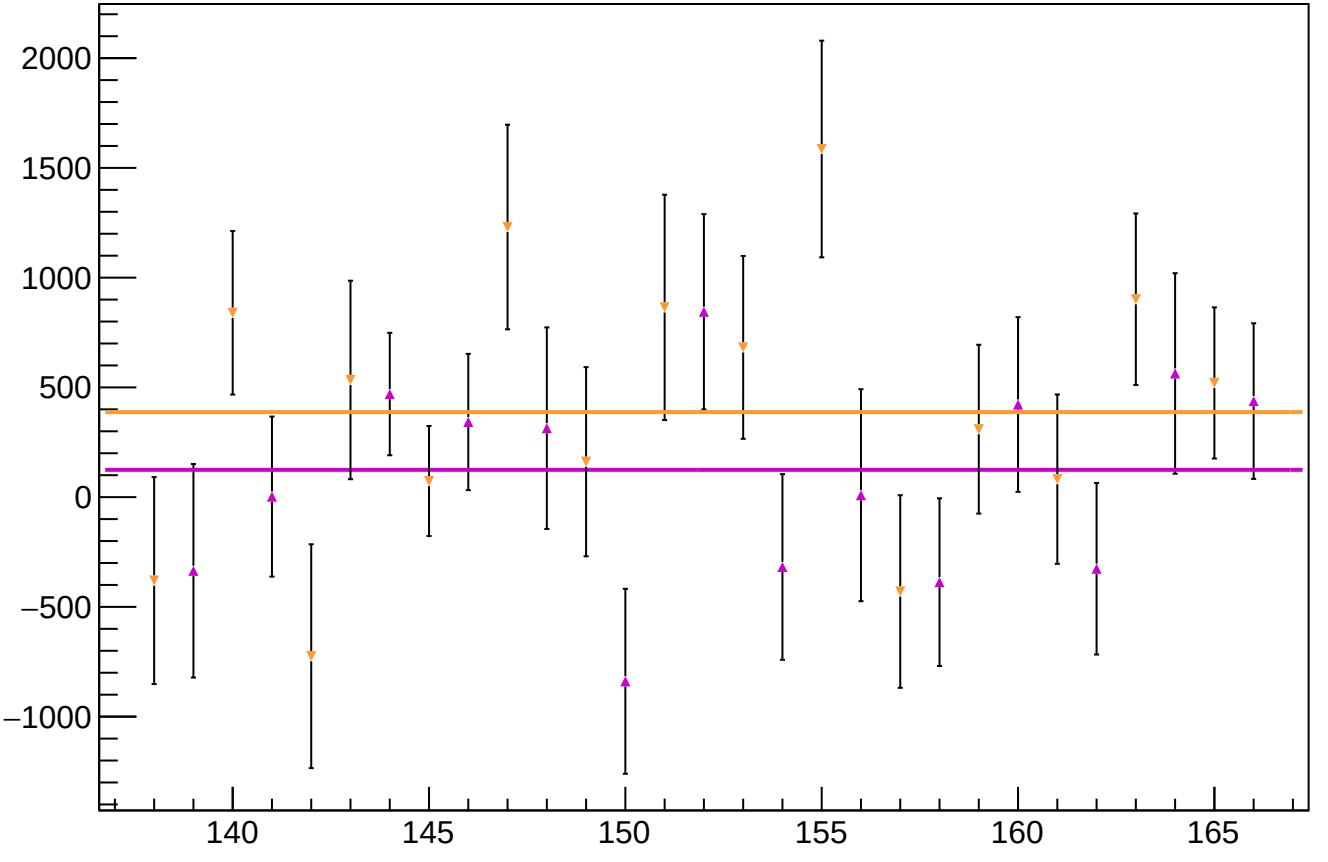
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 46.806+/-0.010 χ^2/NDF:242412.7/13

Out: 46.455+/-0.010 χ^2/NDF:156180.1/14

All: 46.628+/-0.007 χ^2/NDF: 399205.3/28

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: 387.523+/-103.322 χ^2/NDF:27.4/14

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

Left In: 124.444+/-103.839 χ^2/NDF:17.6/13

Left: 256.640+/-73.242 χ^2/NDF: 48.2/28

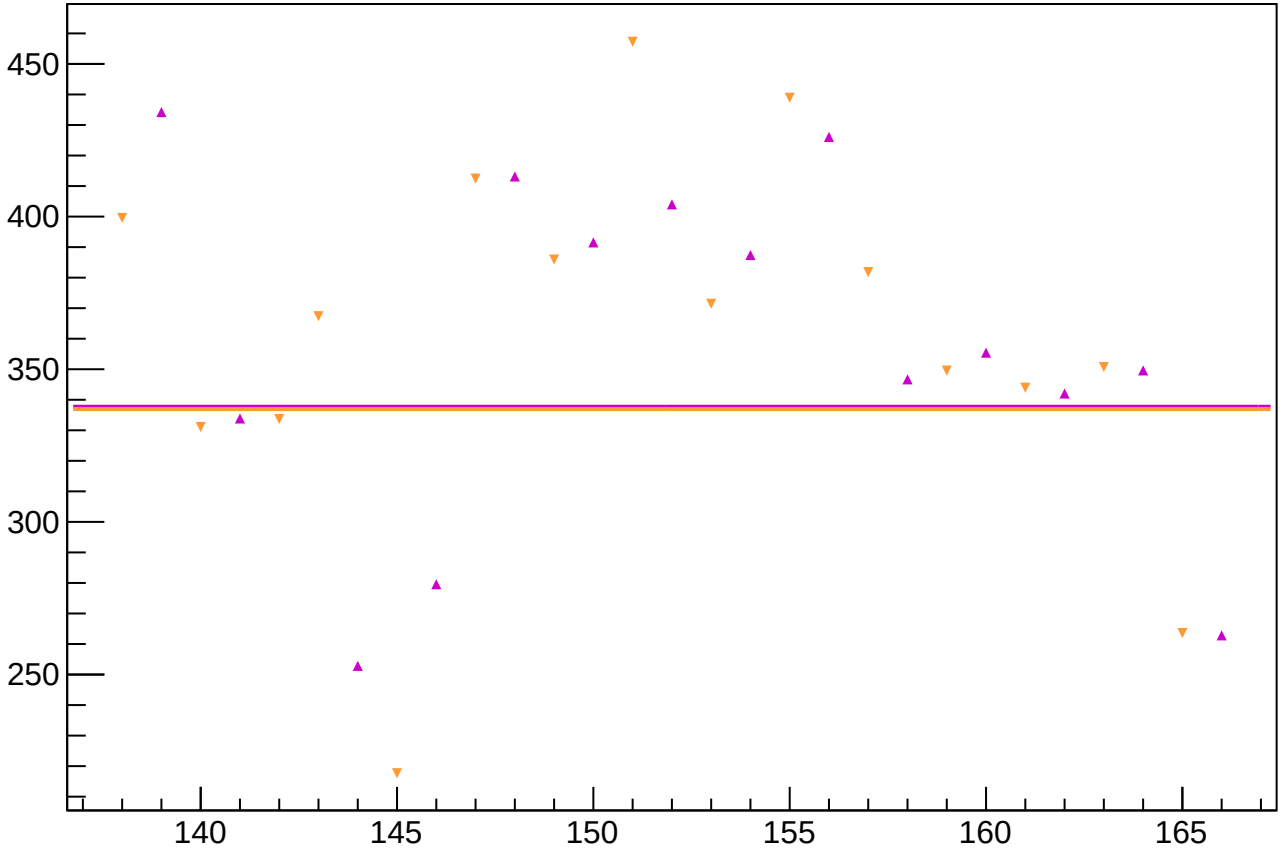
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 124.444+/-103.839 χ^2/NDF:17.6/13

Out: 387.523+/-103.322 χ^2/NDF:27.4/14

All: 256.640+/-73.242 χ^2/NDF: 48.2/28

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: 336.946+/-0.073 χ^2/NDF:901922.0/14

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

Left In: 337.721+/-0.073 χ^2/NDF:655811.4/13

Left: 337.331+/-0.052 χ^2/NDF: 1557789.3/28

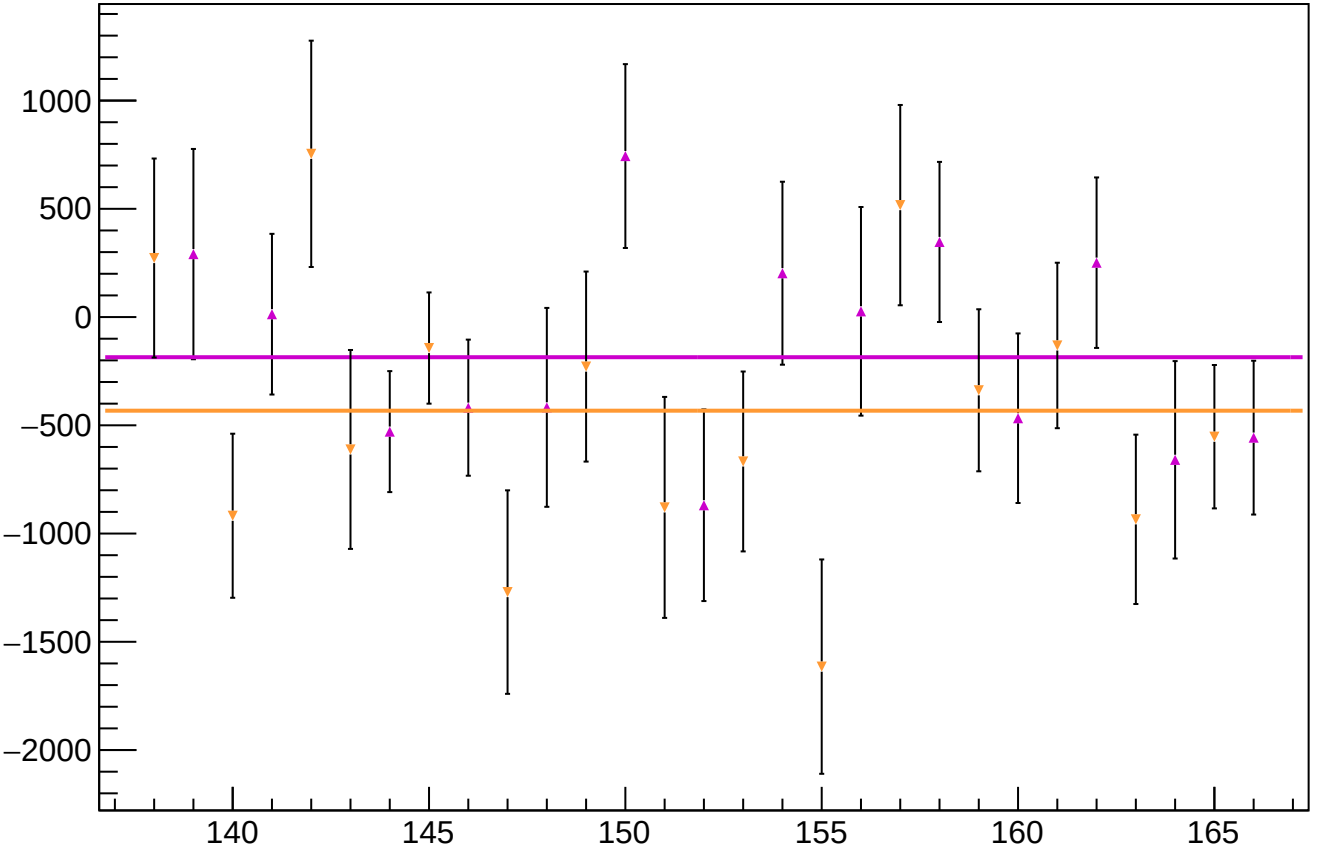
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 337.721+/-0.073 χ^2/NDF:655811.4/13

Out: 336.946+/-0.073 χ^2/NDF:901922.0/14

All: 337.331+/-0.052 χ^2/NDF: 1557789.3/28

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -432.471+/-103.701 χ^2/NDF:27.4/14

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

Left In: -185.443+/-103.843 χ^2/NDF:17.8/13

Left: -309.126+/-73.378 χ^2/NDF: 48.0/28

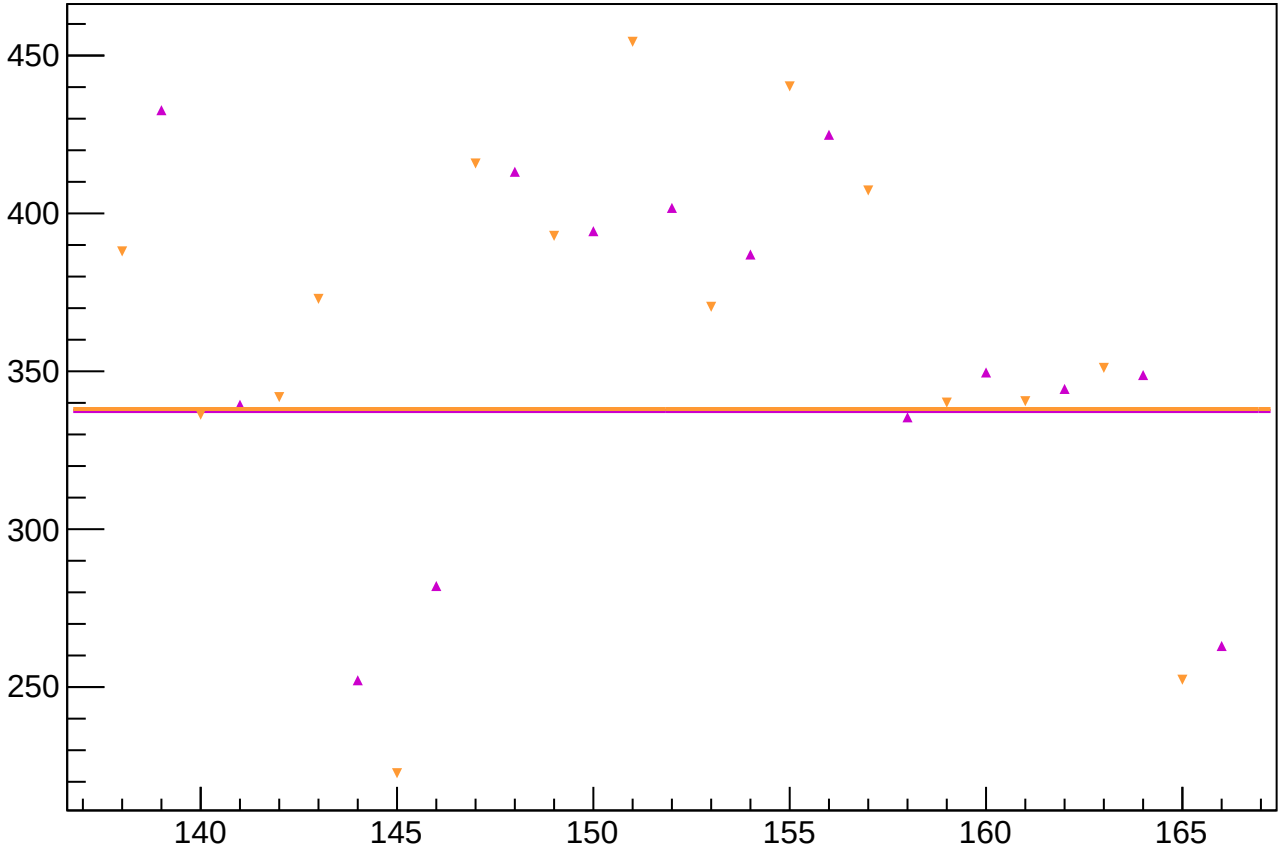
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -185.443+/-103.843 χ^2/NDF:17.8/13

Out: -432.471+/-103.701 χ^2/NDF:27.4/14

All: -309.126+/-73.378 χ^2/NDF: 48.0/28

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 338.060+/-0.073 χ^2/NDF:906740.1/14

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

Left In: 337.407+/-0.073 χ^2/NDF:643097.1/13

Left: 337.734+/-0.052 χ^2/NDF: 1549876.7/28

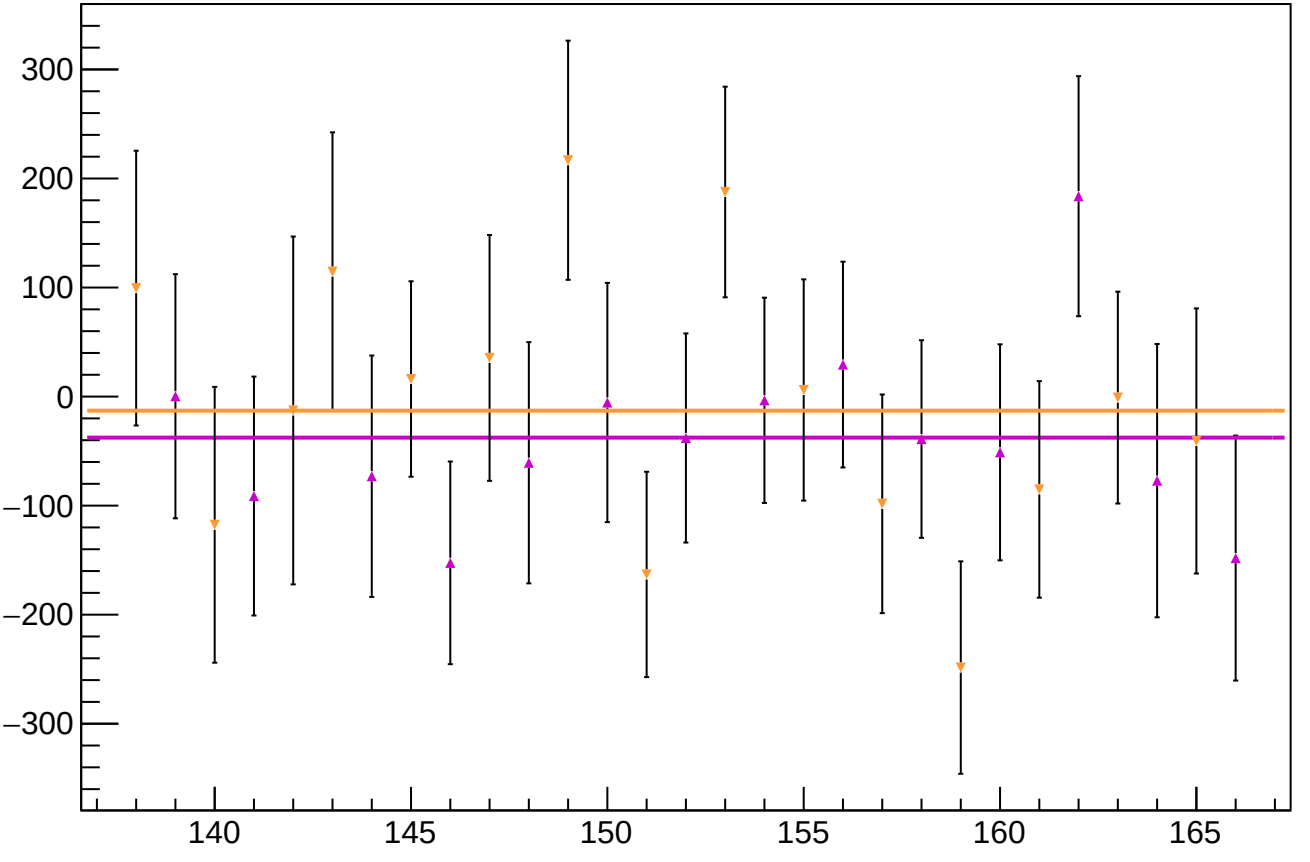
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 337.407+/-0.073 χ^2/NDF:643097.1/13

Out: 338.060+/-0.073 χ^2/NDF:906740.1/14

All: 337.734+/-0.052 χ^2/NDF: 1549876.7/28

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: -12.910+/-27.634 χ^2/NDF:21.2/14

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

Left In: -37.640+/-27.644 χ^2/NDF:7.9/13

Left: -25.270+/-19.544 χ^2/NDF: 29.5/28

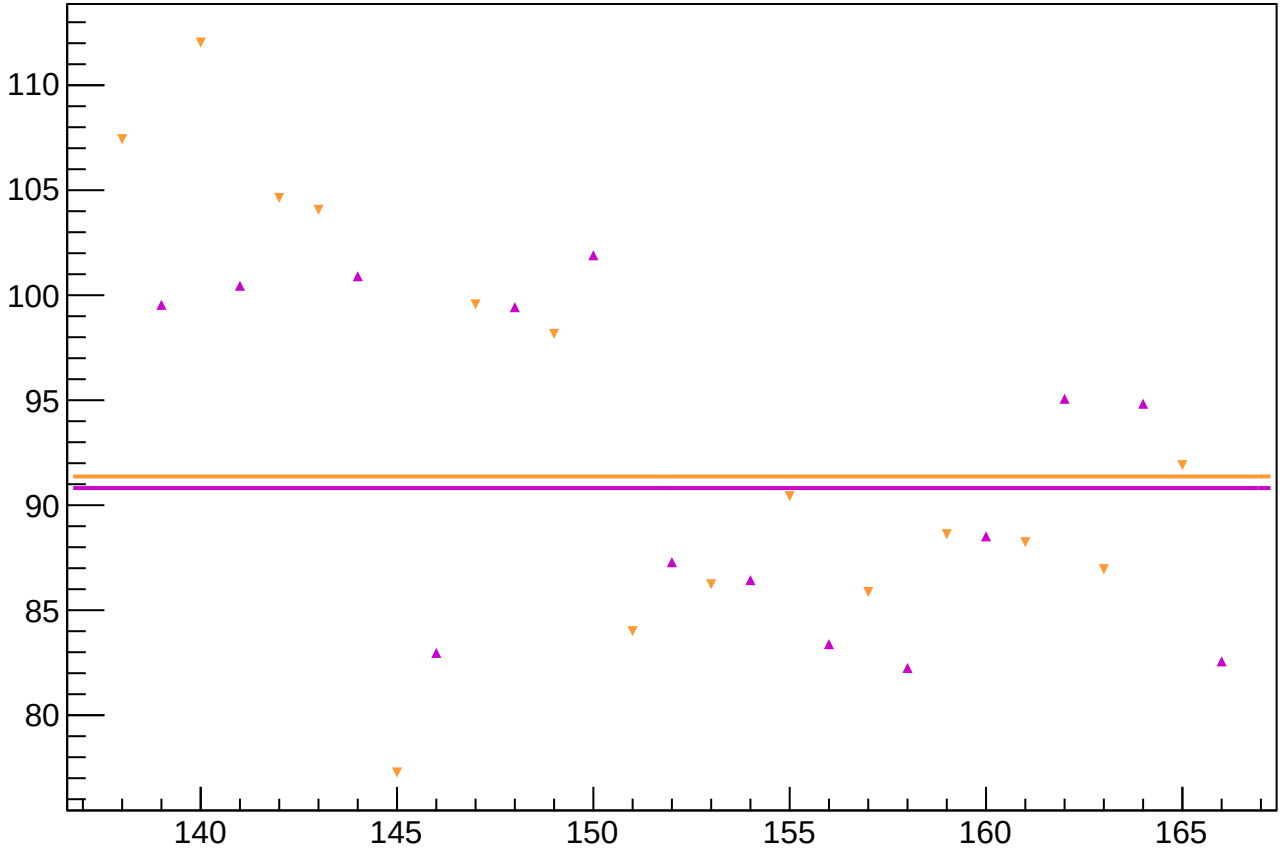
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -37.640+/-27.644 χ^2/NDF:7.9/13

Out: -12.910+/-27.634 χ^2/NDF:21.2/14

All: -25.270+/-19.544 χ^2/NDF: 29.5/28

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: 91.368+/-0.020 χ^2/NDF:219029.8/14

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

Left In: 90.817+/-0.020 χ^2/NDF:145289.6/13

Left: 91.093+/-0.014 χ^2/NDF: 364716.8/28

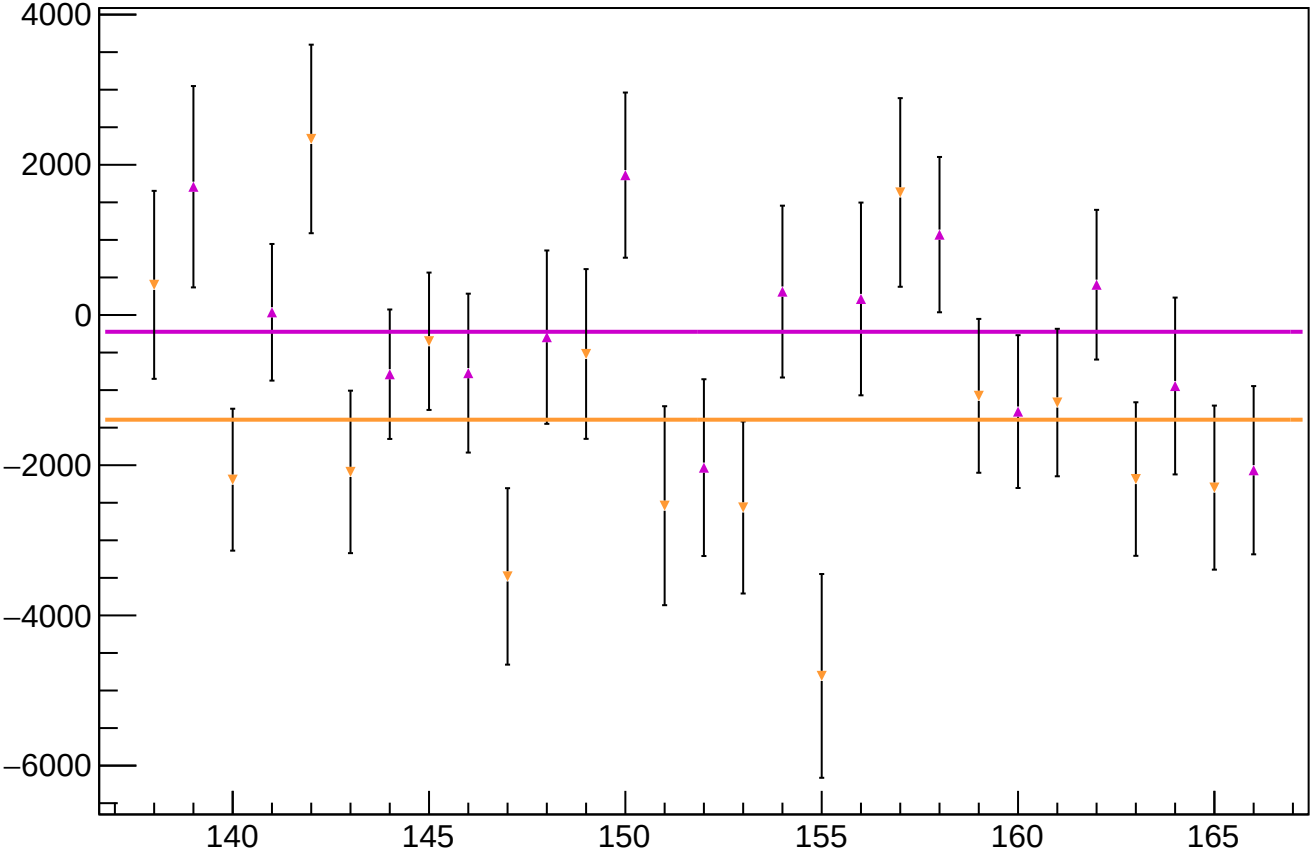
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 90.817+/-0.020 χ^2/NDF:145289.6/13

Out: 91.368+/-0.020 χ^2/NDF:219029.8/14

All: 91.093+/-0.014 χ^2/NDF: 364716.8/28

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: -1394.032+/-285.762 χ^2/NDF:32.5/14

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

Left In: -223.419+/-287.461 χ^2/NDF:15.3/13

Left: -812.196+/-202.662 χ^2/NDF: 56.1/28

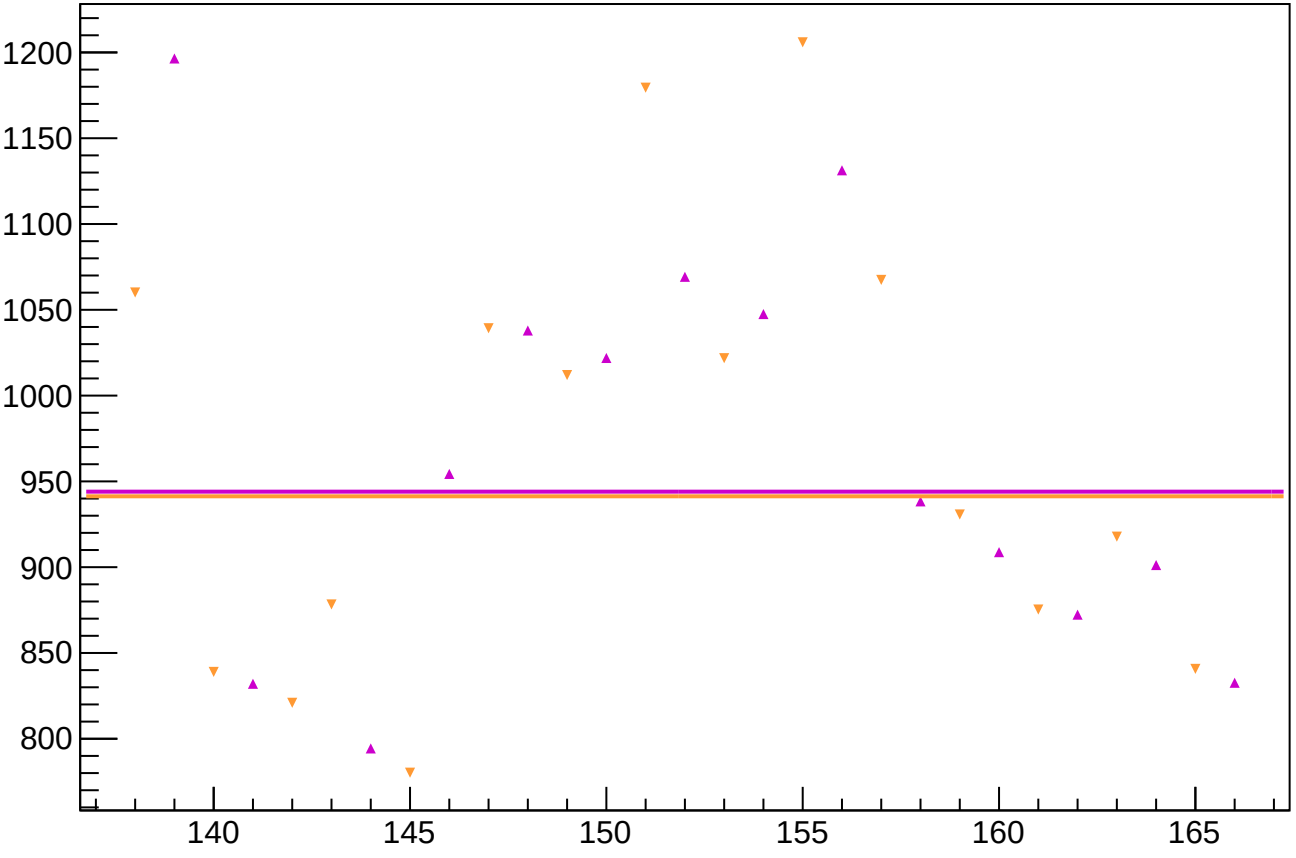
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -223.419+/-287.461 χ^2/NDF:15.3/13

Out: -1394.032+/-285.762 χ^2/NDF:32.5/14

All: -812.196+/-202.662 χ^2/NDF: 56.1/28

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: 941.309+/-0.202 χ^2/NDF:348460.1/14

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

Left In: 944.018+/-0.203 χ^2/NDF:301840.2/13

Left: 942.656+/-0.143 χ^2/NDF: 650389.6/28

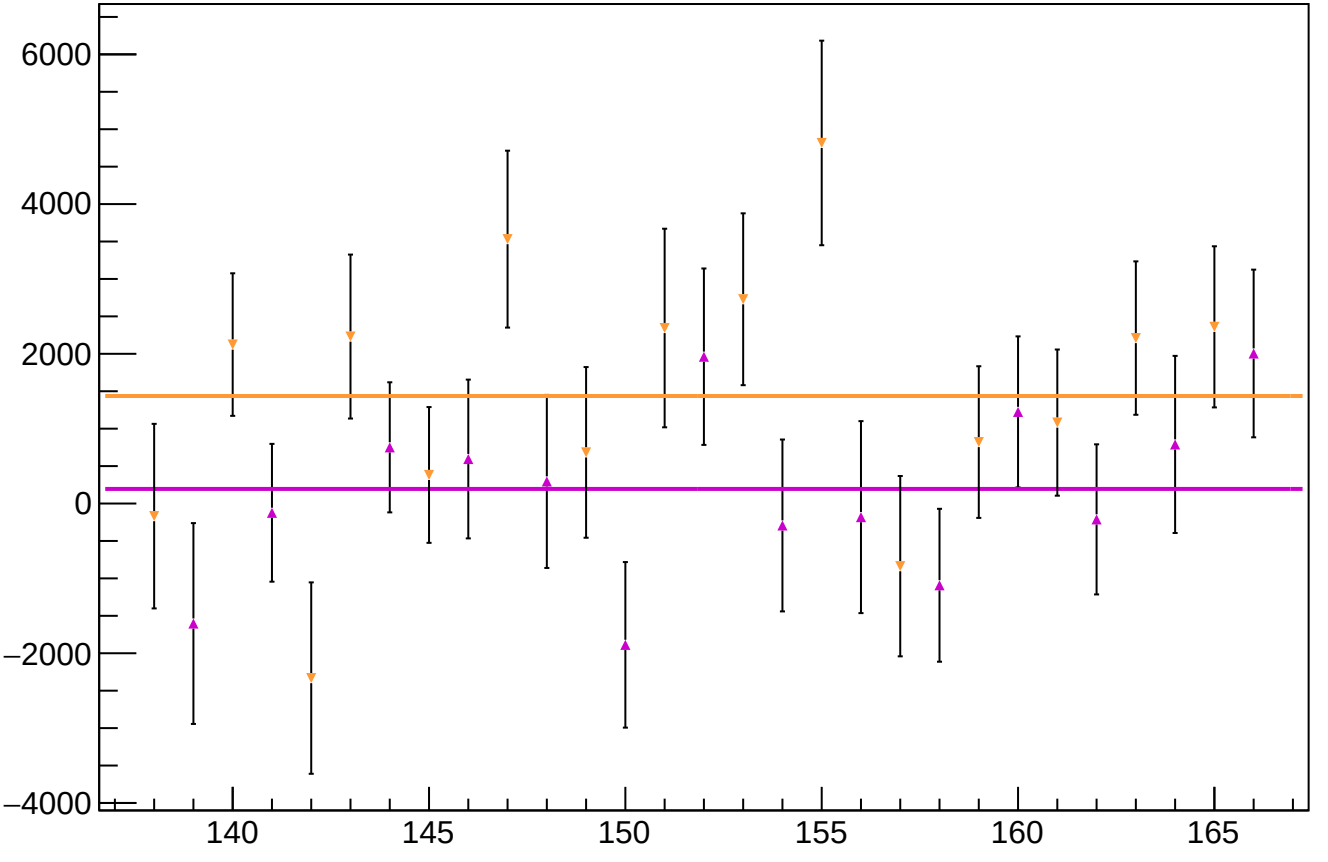
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 944.018+/-0.203 χ^2/NDF:301840.2/13

Out: 941.309+/-0.202 χ^2/NDF:348460.1/14

All: 942.656+/-0.143 χ^2/NDF: 650389.6/28

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 1436.398+/-285.135 χ^2/NDF:29.6/14

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

Left In: 195.065+/-288.059 χ^2/NDF:14.2/13

Left: 822.066+/-202.647 χ^2/NDF: 53.2/28

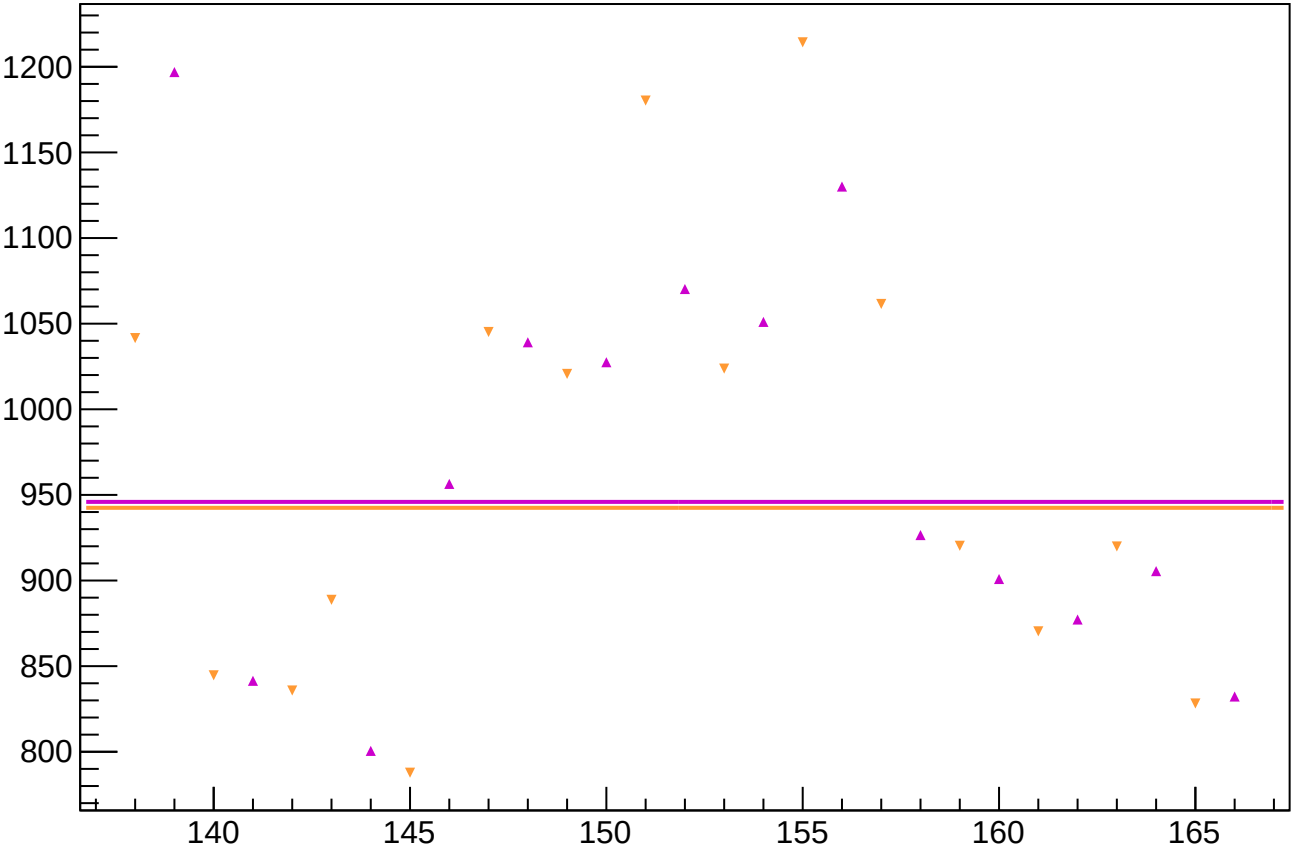
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 195.065+/-288.059 χ^2/NDF:14.2/13

Out: 1436.398+/-285.135 χ^2/NDF:29.6/14

All: 822.066+/-202.647 χ^2/NDF: 53.2/28

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 942.468+/-0.202 χ^2/NDF:343897.0/14

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

Left In: 945.927+/-0.204 χ^2/NDF:293191.6/13

Left: 944.179+/-0.143 χ^2/NDF: 637234.2/28

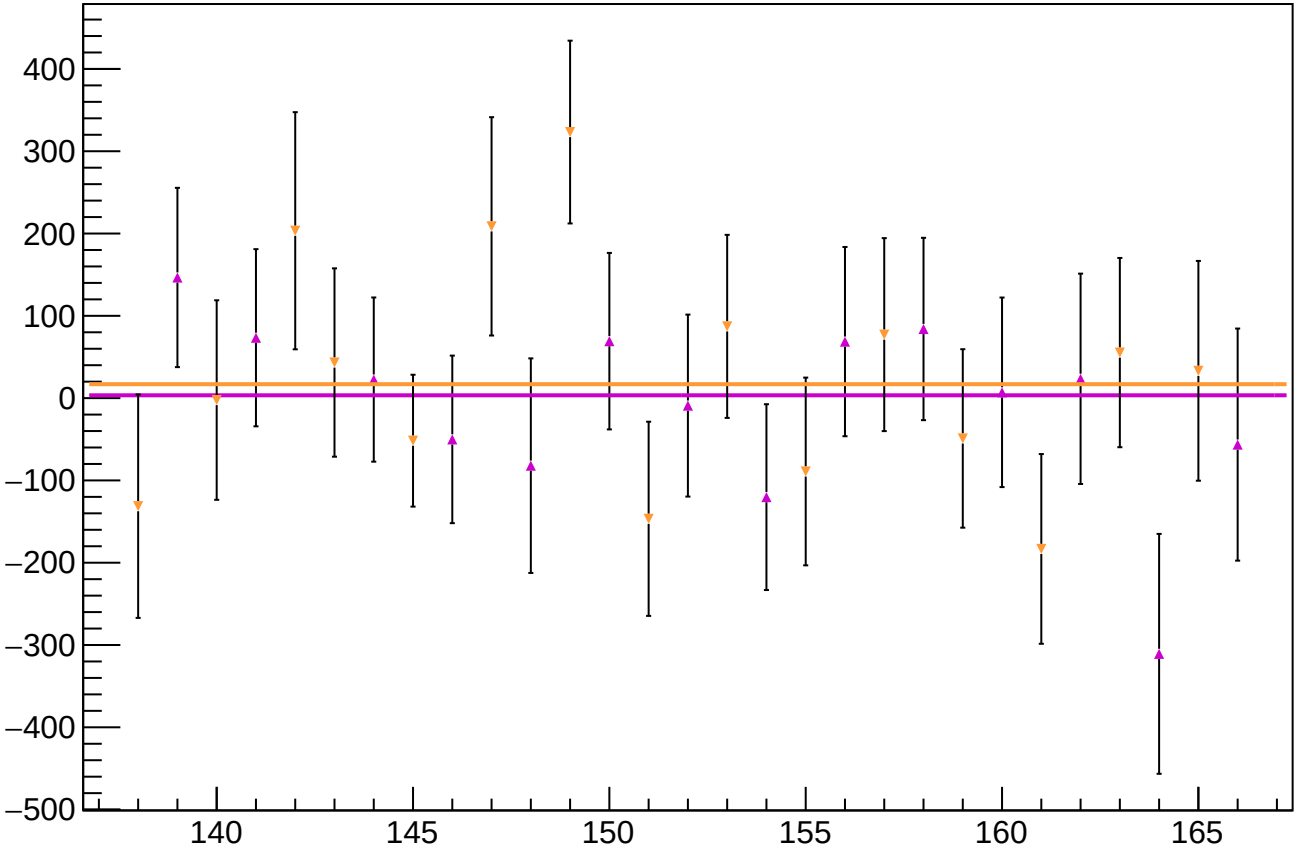
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 945.927+/-0.204 χ^2/NDF:293191.6/13

Out: 942.468+/-0.202 χ^2/NDF:343897.0/14

All: 944.179+/-0.143 χ^2/NDF: 637234.2/28

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: 16.923+/-29.685 χ^2/NDF:20.3/14

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

Left In: 3.438+/-30.647 χ^2/NDF:10.2/13

Left: 10.396+/-21.322 χ^2/NDF: 30.6/28

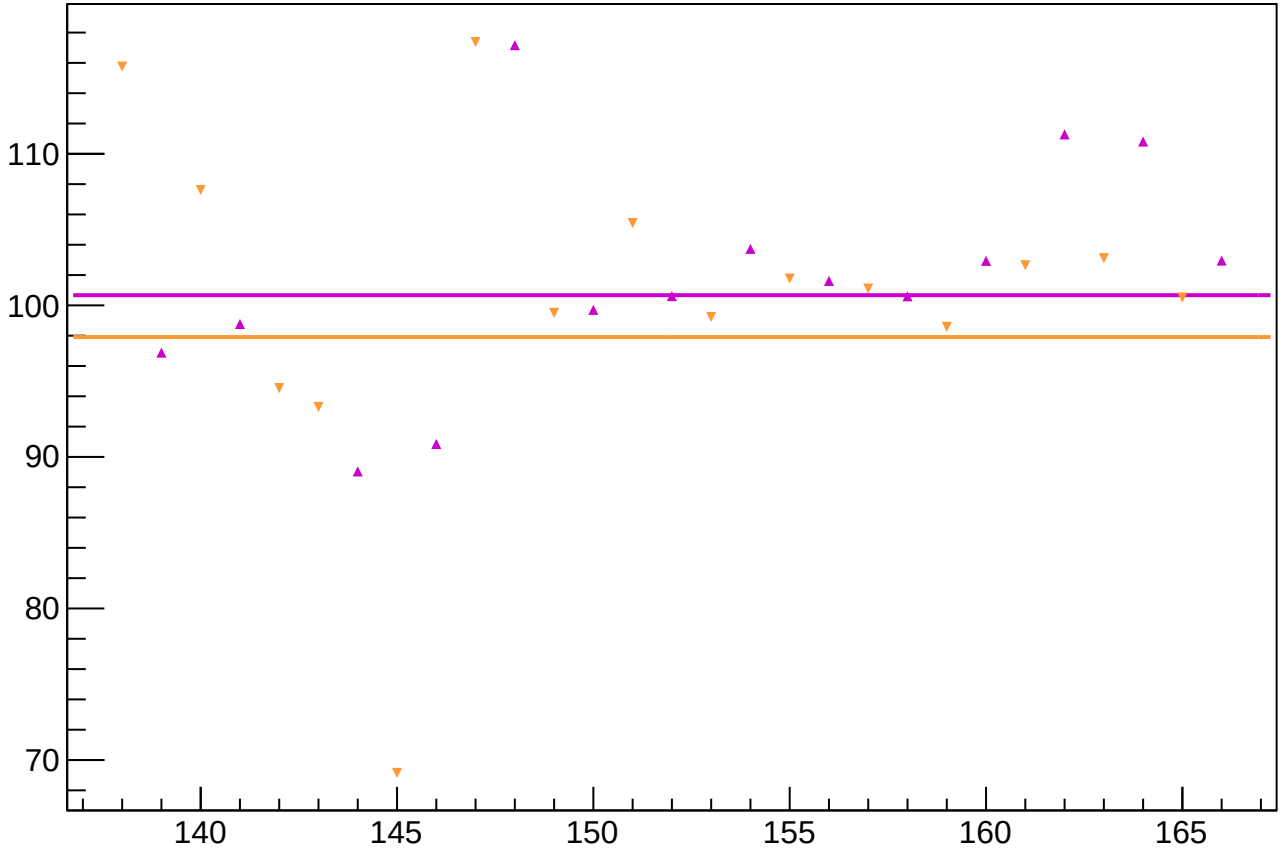
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.438+/-30.647 χ^2/NDF:10.2/13

Out: 16.923+/-29.685 χ^2/NDF:20.3/14

All: 10.396+/-21.322 χ^2/NDF: 30.6/28

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: 97.910+/-0.021 χ^2/NDF:373370.9/14

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

Left In: 100.673+/-0.022 χ^2/NDF:107367.7/13

Left: 99.247+/-0.015 χ^2/NDF: 489125.8/28

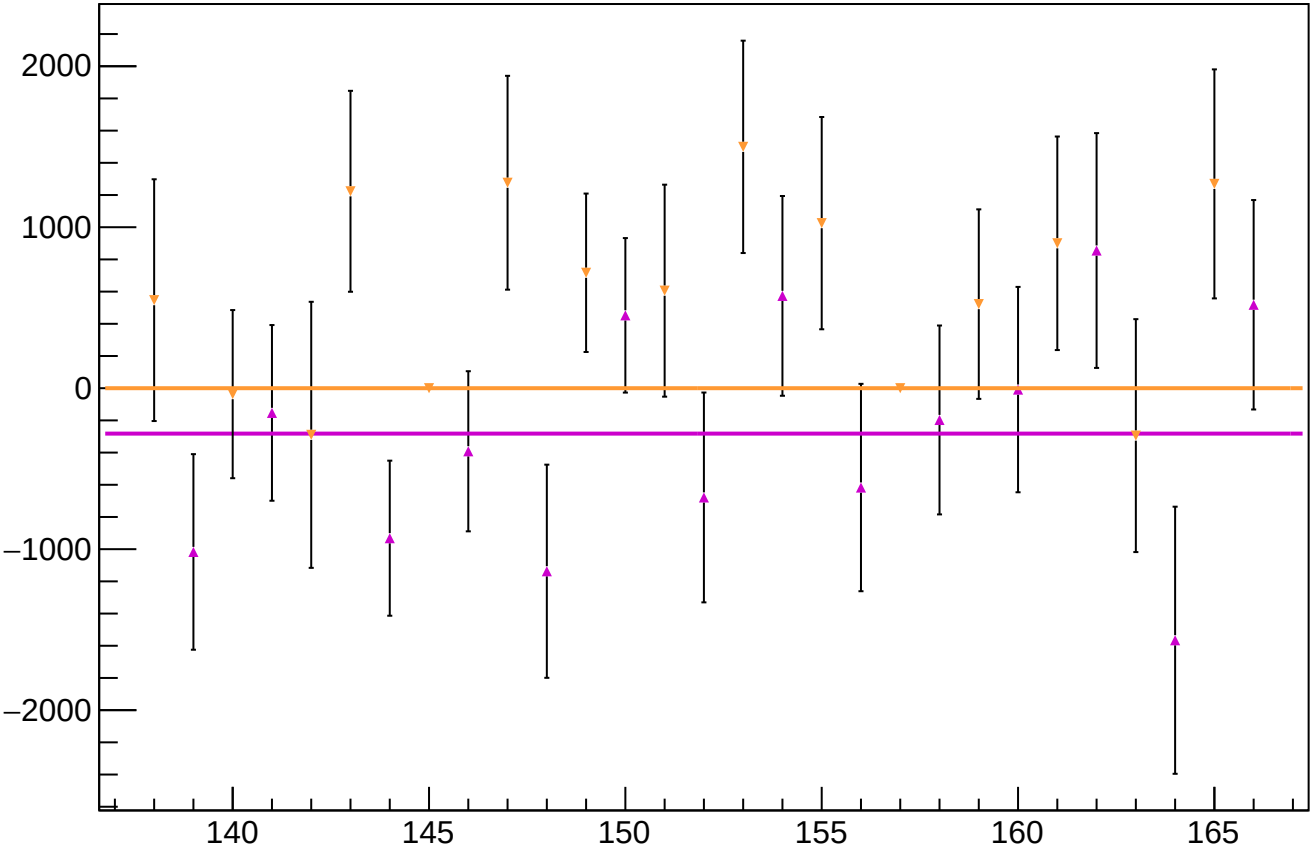
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 100.673+/-0.022 χ^2/NDF:107367.7/13

Out: 97.910+/-0.021 χ^2/NDF:373370.9/14

All: 99.247+/-0.015 χ^2/NDF: 489125.8/28

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:25.0/14

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

Left In: -282.105+/-159.185 χ^2/NDF:16.5/13

Left: -0.000+/-0.000 χ^2/NDF: 44.6/28

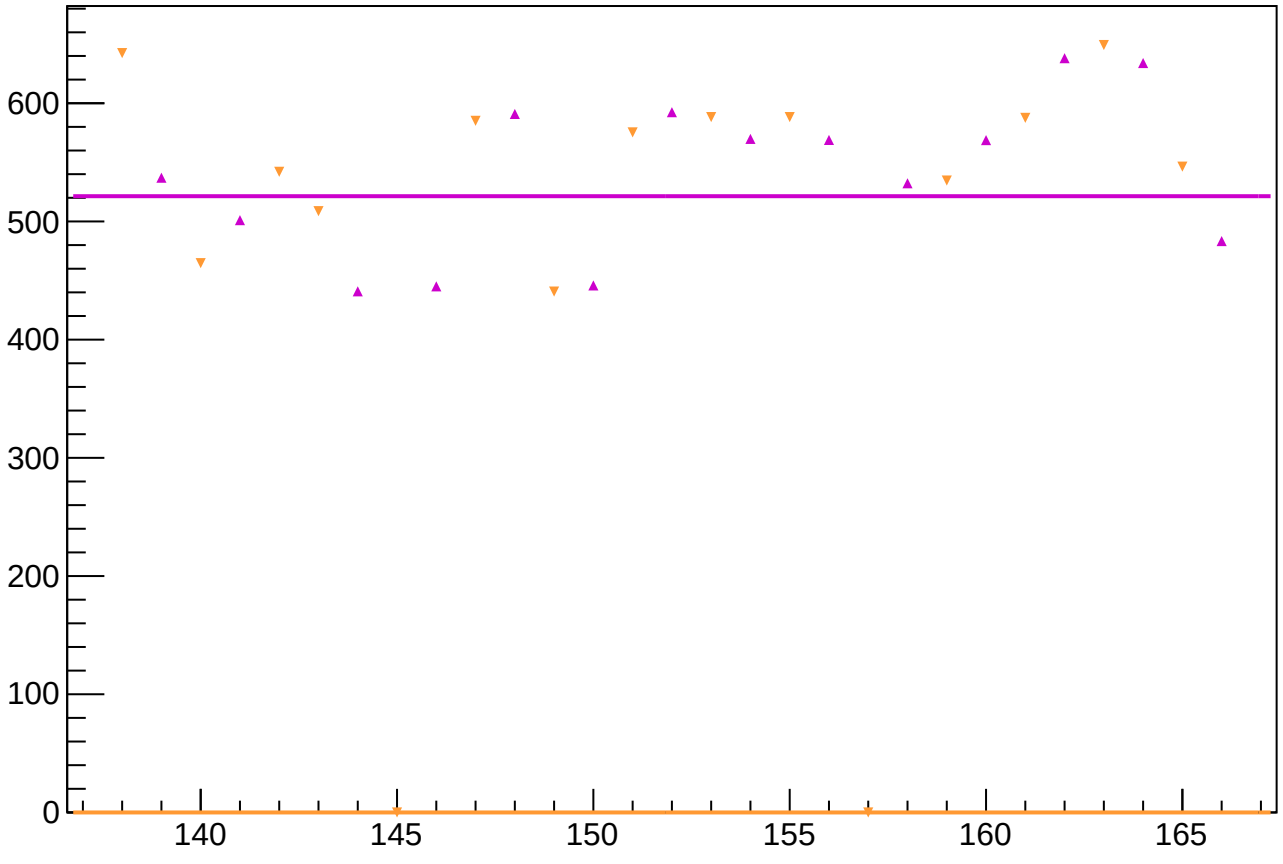
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -282.105+/-159.185 χ^2/NDF:16.5/13

Out: -0.000+/-0.000 χ^2/NDF:25.0/14

All: -0.000+/-0.000 χ^2/NDF: 44.6/28

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:19112909.8/14

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

Left In: 521.360+/-0.113 χ^2/NDF:332150.3/13

Left: 0.000+/-0.000 χ^2/NDF: 40898791.4/28

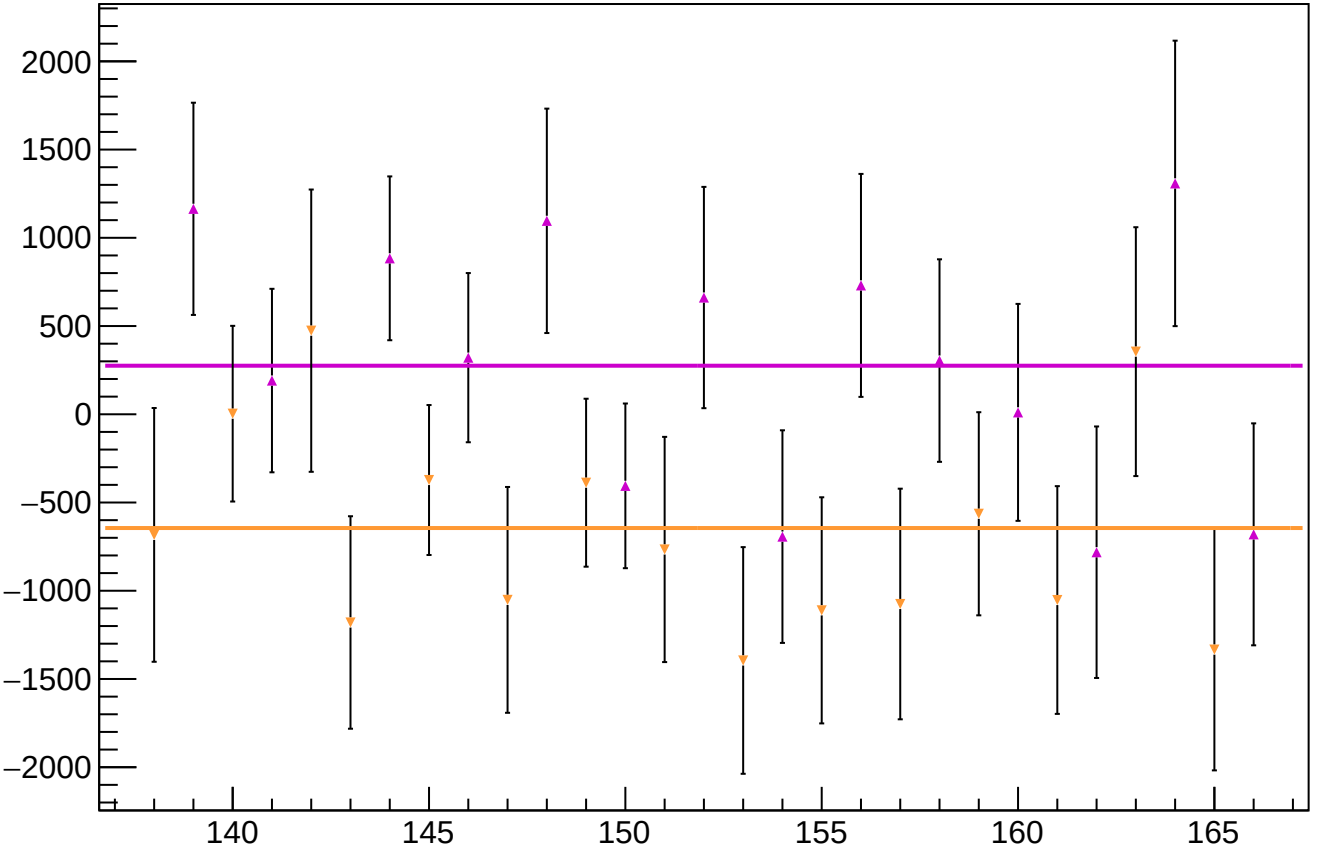
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 521.360+/-0.113 χ^2/NDF:332150.3/13

Out: 0.000+/-0.000 χ^2/NDF:19112909.8/14

All: 0.000+/-0.000 χ^2/NDF: 40898791.4/28

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -644.609+/-154.458 χ^2/NDF:11.4/14

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

Left In: 275.189+/-154.233 χ^2/NDF:17.5/13

Left: -184.039+/-109.139 χ^2/NDF: 46.7/28

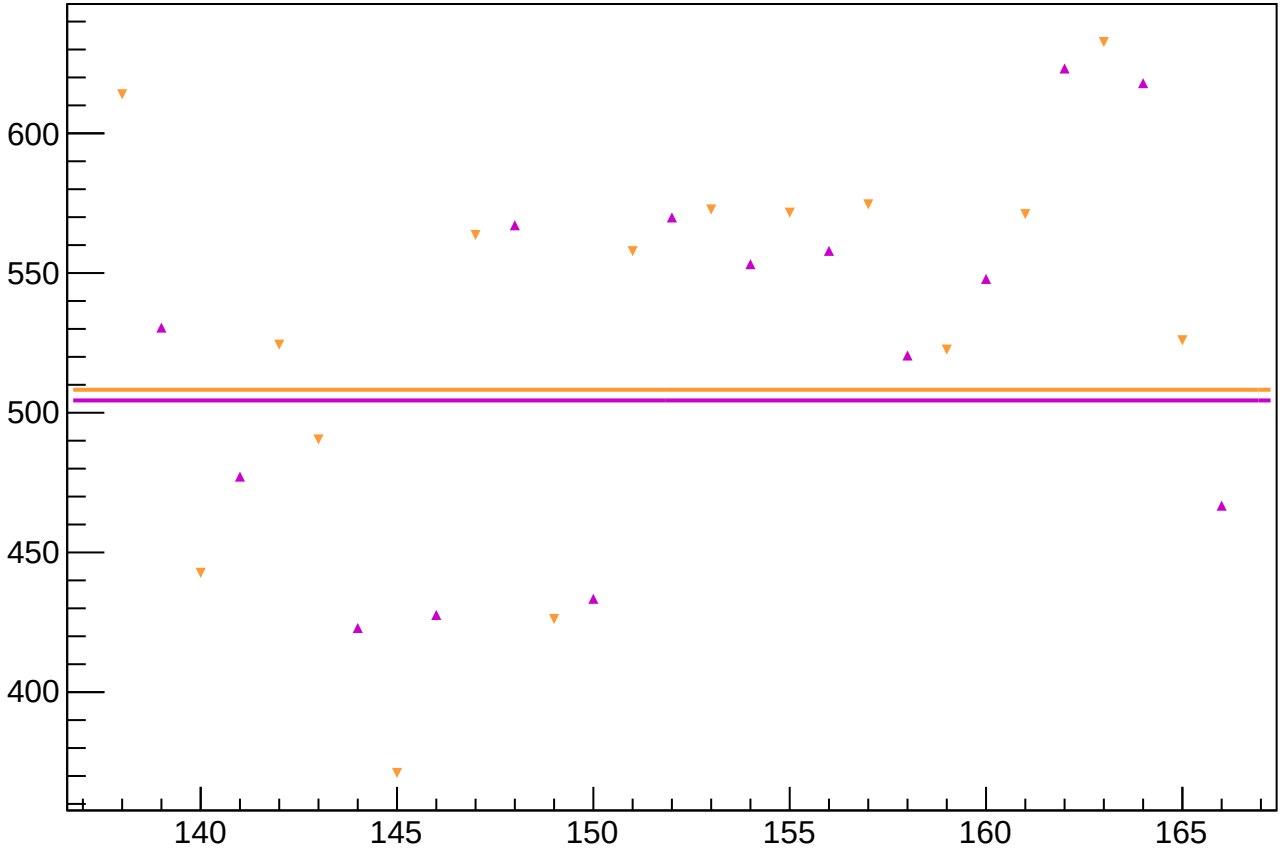
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 275.189+/-154.233 χ^2/NDF:17.5/13

Out: -644.609+/-154.458 χ^2/NDF:11.4/14

All: -184.039+/-109.139 χ^2/NDF: 46.7/28

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 508.226+/-0.109 χ^2/NDF:519627.3/14

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

Left In: 504.405+/-0.109 χ^2/NDF:350871.2/13

Left: 506.313+/-0.077 χ^2/NDF: 871111.4/28

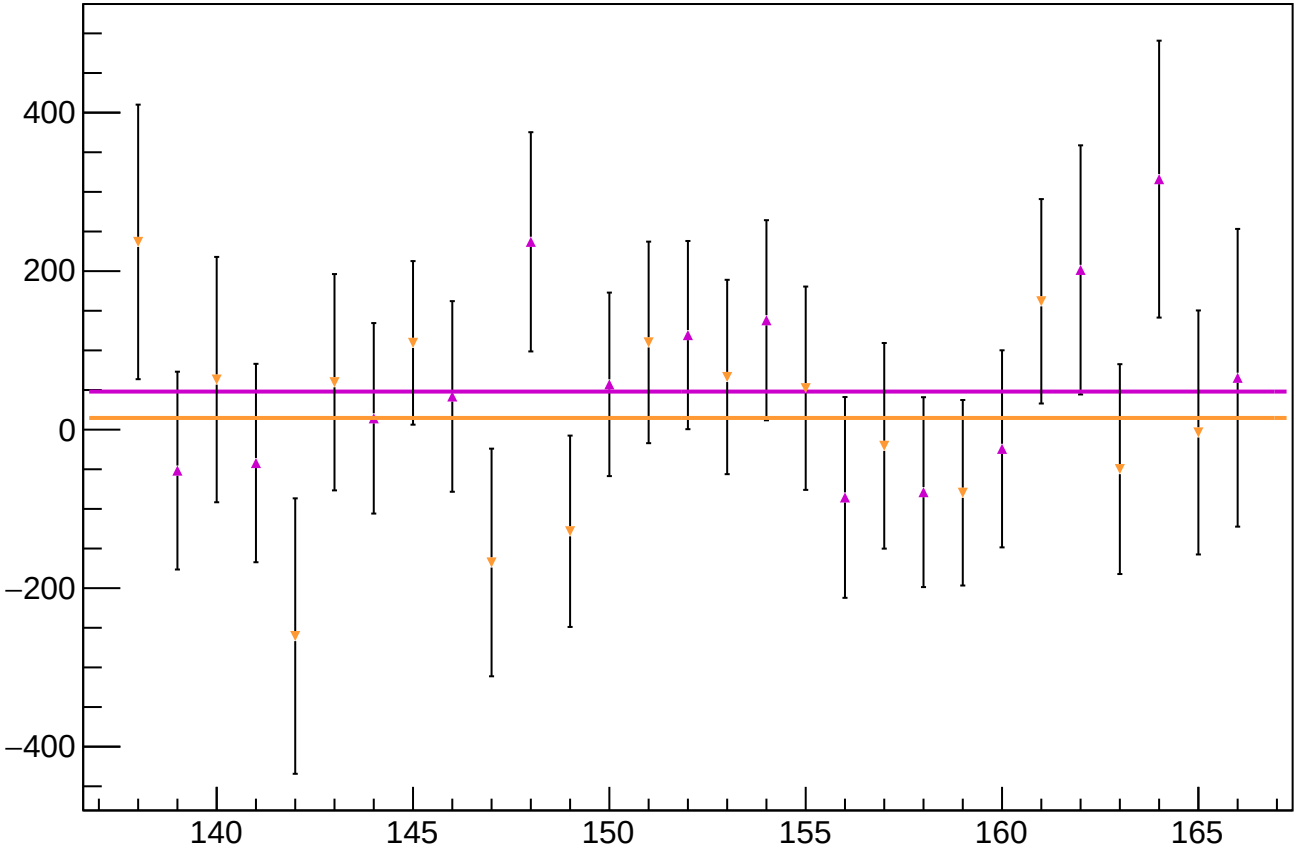
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 504.405+/-0.109 χ^2/NDF:350871.2/13

Out: 508.226+/-0.109 χ^2/NDF:519627.3/14

All: 506.313+/-0.077 χ^2/NDF: 871111.4/28

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 14.762+/-34.224 χ^2/NDF:11.3/14

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

Left In: 48.032+/-34.811 χ^2/NDF:9.9/13

Left: 31.114+/-24.405 χ^2/NDF: 21.7/28

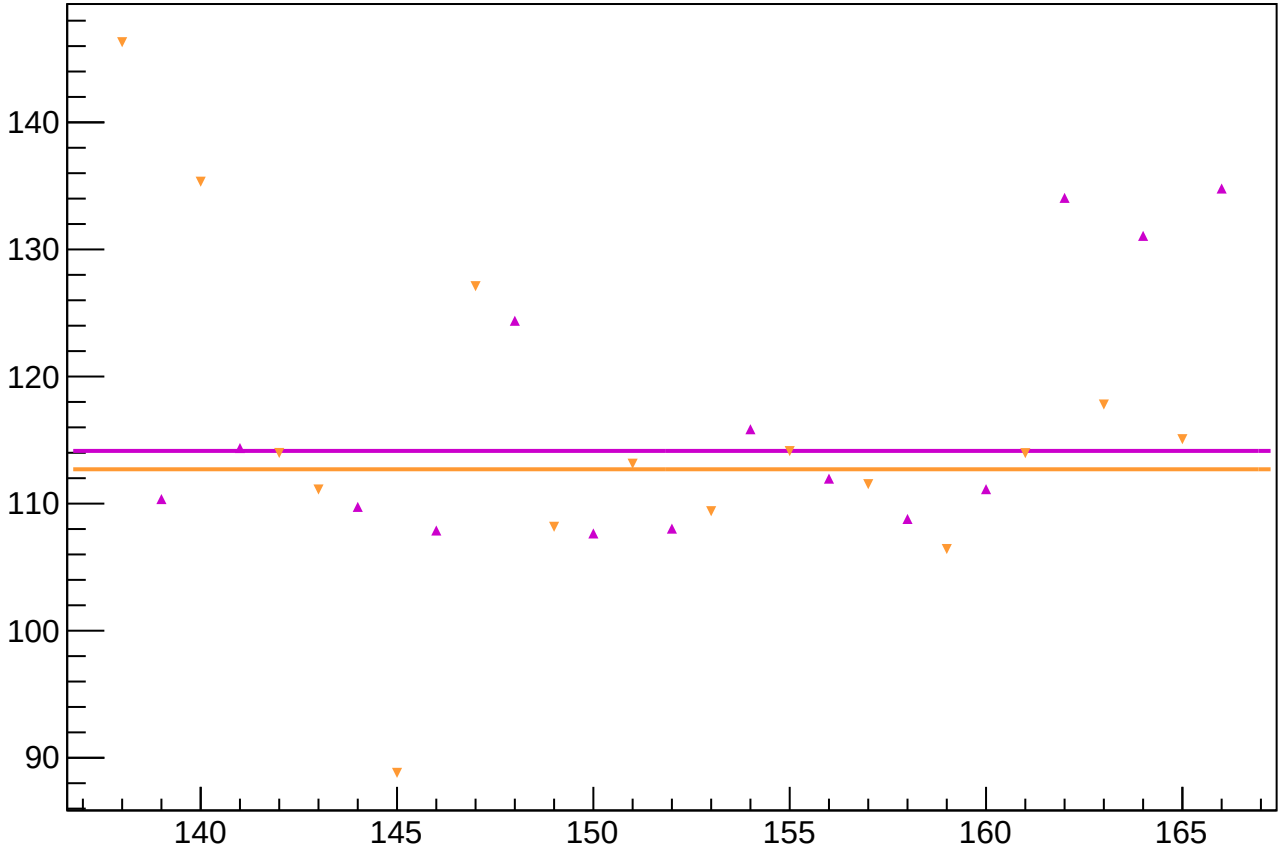
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 48.032+/-34.811 χ^2/NDF:9.9/13

Out: 14.762+/-34.224 χ^2/NDF:11.3/14

All: 31.114+/-24.405 χ^2/NDF: 21.7/28

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 112.702+/-0.024 χ^2/NDF:259734.7/14

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

Left In: 114.147+/-0.025 χ^2/NDF:113670.6/13

Left: 113.412+/-0.017 χ^2/NDF: 375158.3/28

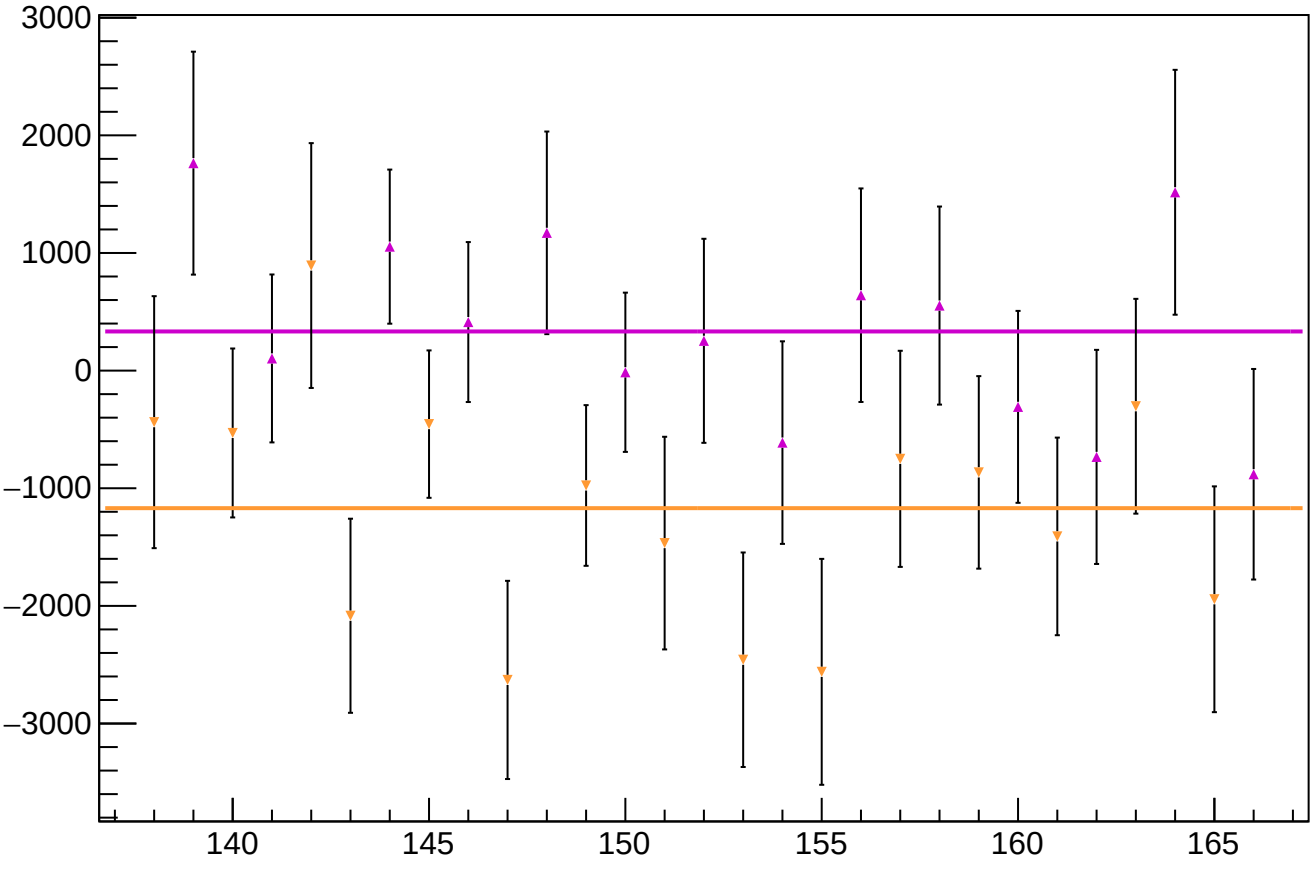
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 114.147+/-0.025 χ^2/NDF:113670.6/13

Out: 112.702+/-0.024 χ^2/NDF:259734.7/14

All: 113.412+/-0.017 χ^2/NDF: 375158.3/28

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1169.222+/-217.193 χ^2/NDF:17.0/14

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

Left In: 332.849+/-216.736 χ^2/NDF:11.3/13

Left: -416.604+/-153.417 χ^2/NDF: 52.3/28

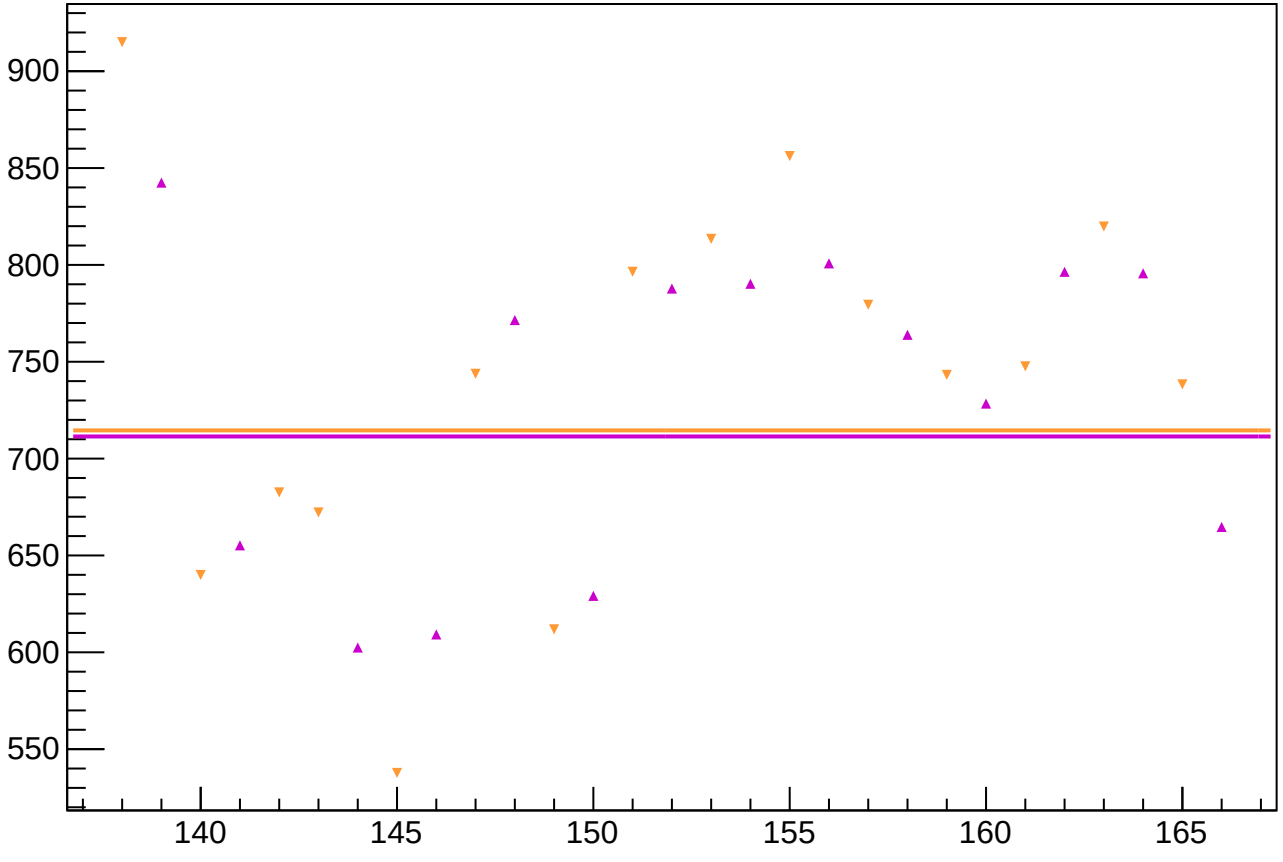
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 332.849+/-216.736 χ^2/NDF:11.3/13

Out: -1169.222+/-217.193 χ^2/NDF:17.0/14

All: -416.604+/-153.417 χ^2/NDF: 52.3/28

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 714.564+/-0.154 χ^2/NDF:432642.0/14

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

Left In: 711.427+/-0.153 χ^2/NDF:286835.7/13

Left: 712.992+/-0.108 χ^2/NDF: 719686.9/28

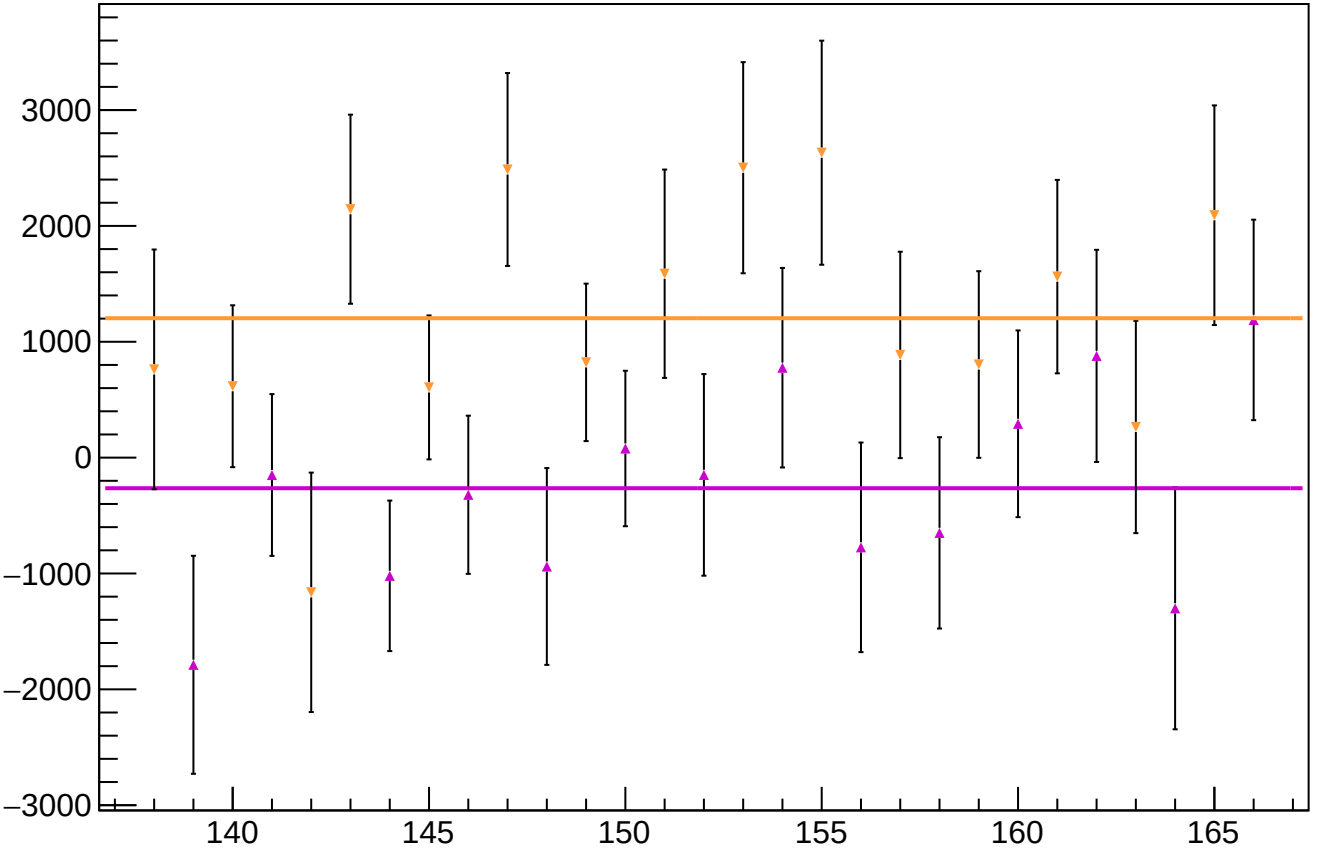
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 711.427+/-0.153 χ^2/NDF:286835.7/13

Out: 714.564+/-0.154 χ^2/NDF:432642.0/14

All: 712.992+/-0.108 χ^2/NDF: 719686.9/28

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1203.287+/-214.807 χ^2/NDF:18.0/14

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

Left In: -264.090+/-214.916 χ^2/NDF:12.8/13

Left: 469.972+/-151.930 χ^2/NDF: 54.0/28

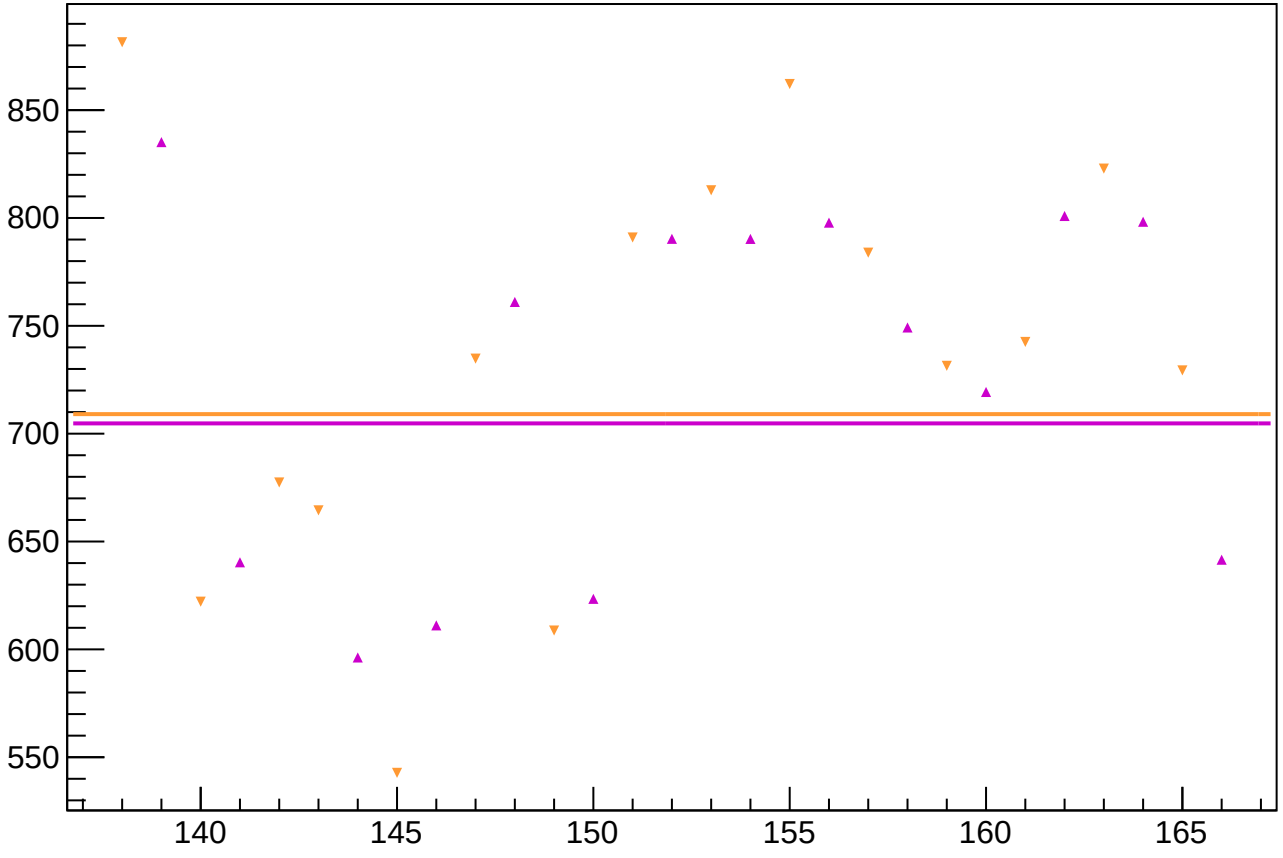
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -264.090+/-214.916 χ^2/NDF:12.8/13

Out: 1203.287+/-214.807 χ^2/NDF:18.0/14

All: 469.972+/-151.930 χ^2/NDF: 54.0/28

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 709.061+/-0.152 χ^2/NDF:426552.9/14

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

Left In: 704.765+/-0.152 χ^2/NDF:302569.5/13

Left: 706.914+/-0.107 χ^2/NDF: 729522.2/28

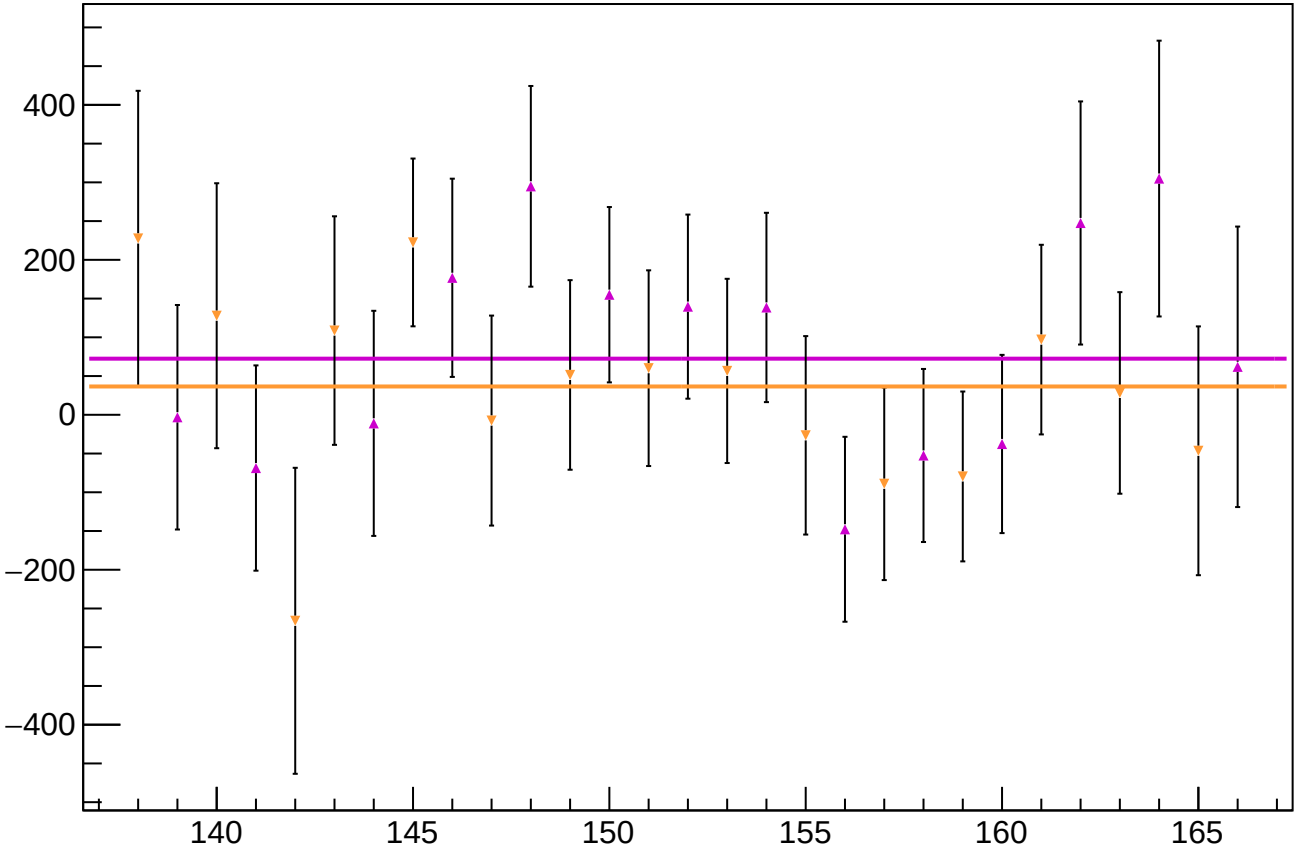
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 704.765+/-0.152 χ^2/NDF:302569.5/13

Out: 709.061+/-0.152 χ^2/NDF:426552.9/14

All: 706.914+/-0.107 χ^2/NDF: 729522.2/28

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 36.540+/-34.363 χ^2/NDF:9.9/14

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

Left In: 72.438+/-34.979 χ^2/NDF:15.0/13

Left: 54.170+/-24.513 χ^2/NDF: 25.5/28

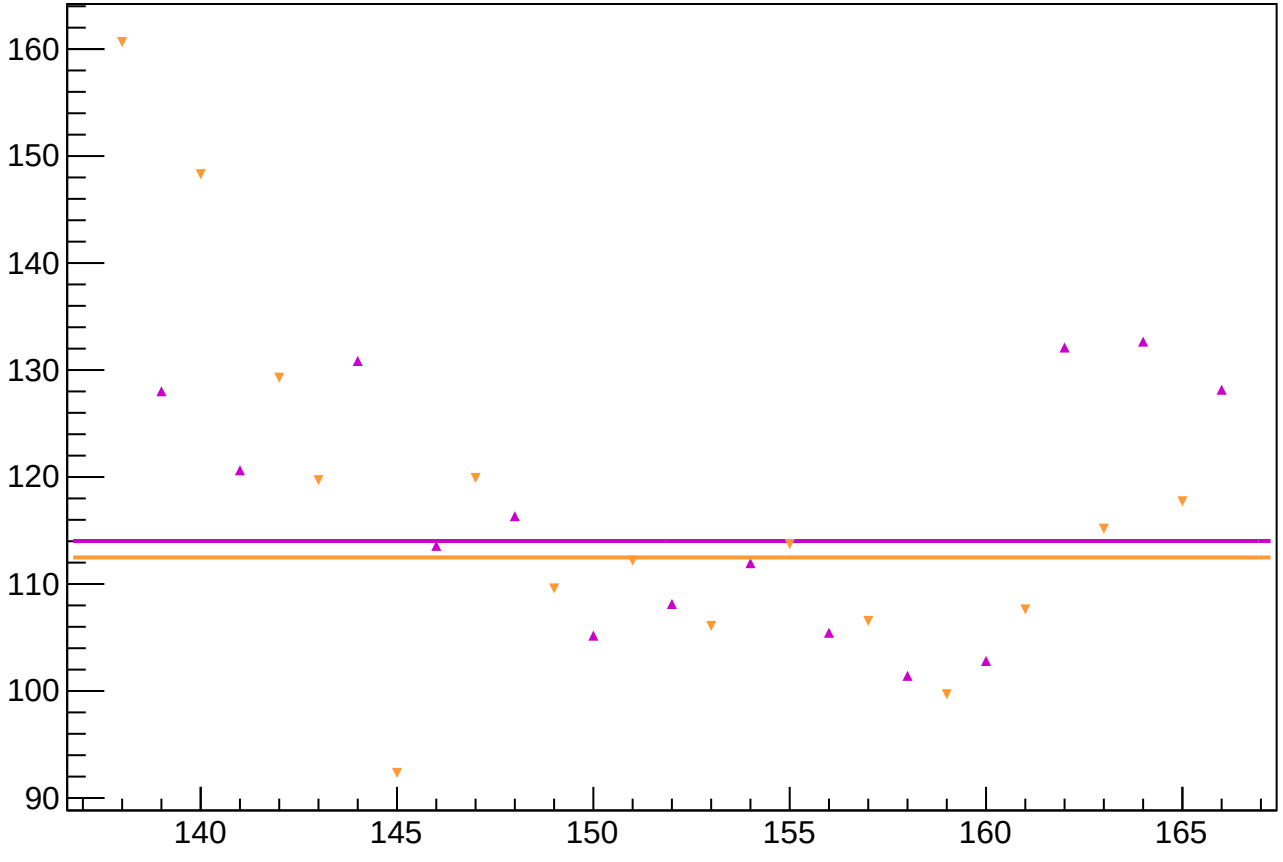
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 72.438+/-34.979 χ^2/NDF:15.0/13

Out: 36.540+/-34.363 χ^2/NDF:9.9/14

All: 54.170+/-24.513 χ^2/NDF: 25.5/28

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 112.483+/-0.024 χ^2/NDF:355093.7/14

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

Left In: 114.023+/-0.025 χ^2/NDF:184336.7/13

Left: 113.239+/-0.017 χ^2/NDF: 541401.5/28

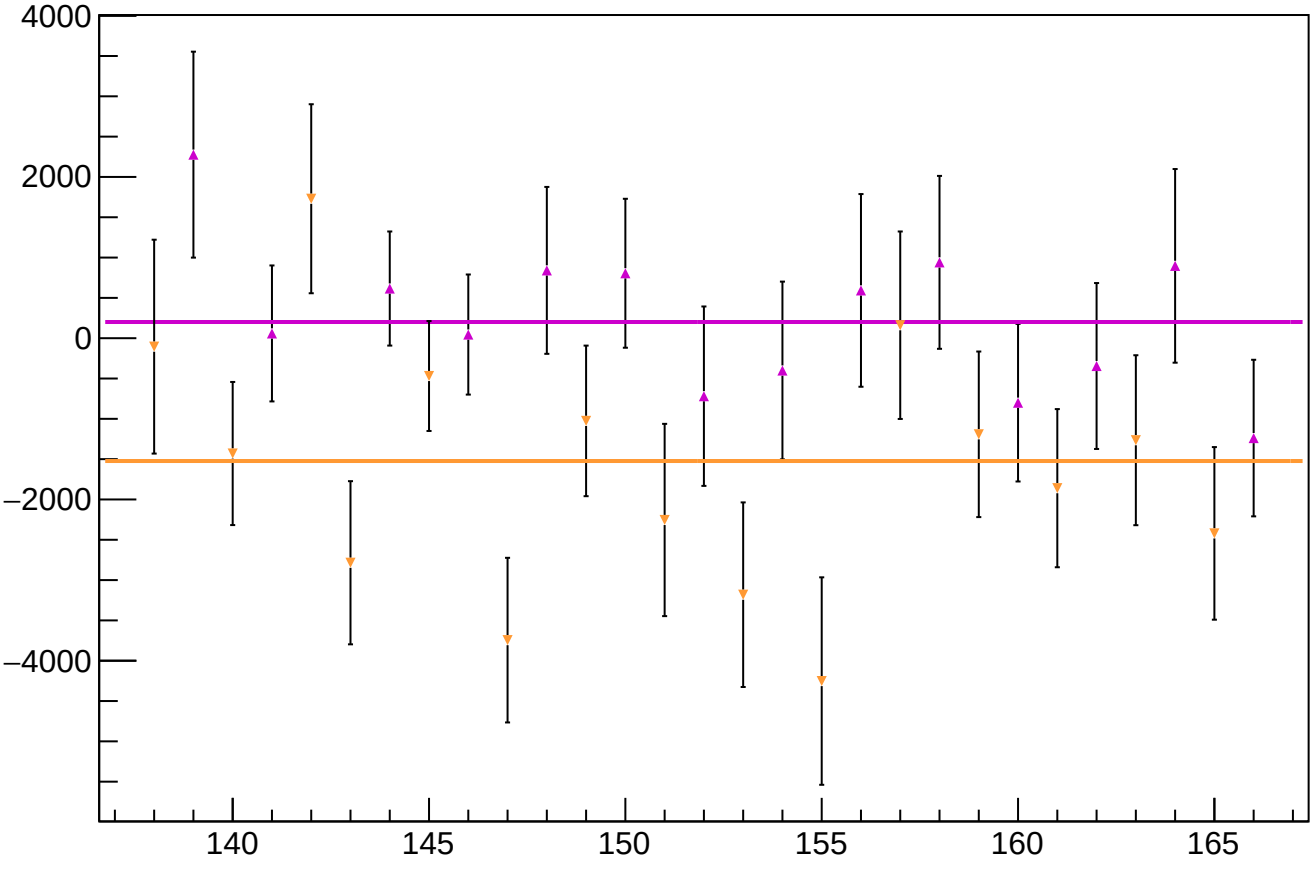
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 114.023+/-0.025 χ^2/NDF:184336.7/13

Out: 112.483+/-0.024 χ^2/NDF:355093.7/14

All: 113.239+/-0.017 χ^2/NDF: 541401.5/28

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1523.271+/-263.769 χ^2/NDF:27.9/14

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

Left In: 200.908+/-259.305 χ^2/NDF:9.3/13

Left: -646.470+/-184.914 χ^2/NDF: 58.9/28

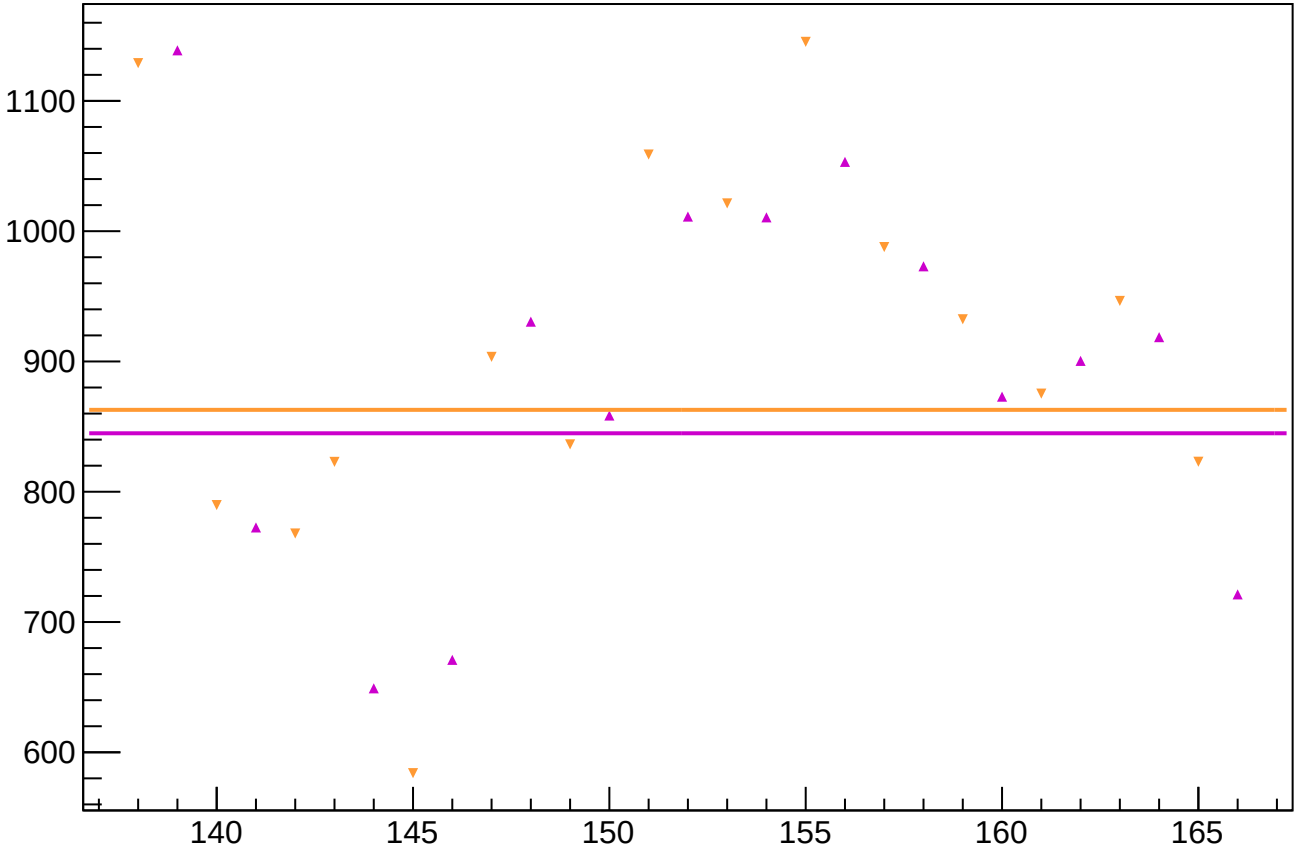
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 200.908+/-259.305 χ^2/NDF:9.3/13

Out: -1523.271+/-263.769 χ^2/NDF:27.9/14

All: -646.470+/-184.914 χ^2/NDF: 58.9/28

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 862.862+/-0.187 χ^2/NDF:686633.9/14

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

Left In: 844.875+/-0.183 χ^2/NDF:623706.9/13

Left: 853.715+/-0.131 χ^2/NDF: 1315070.1/28

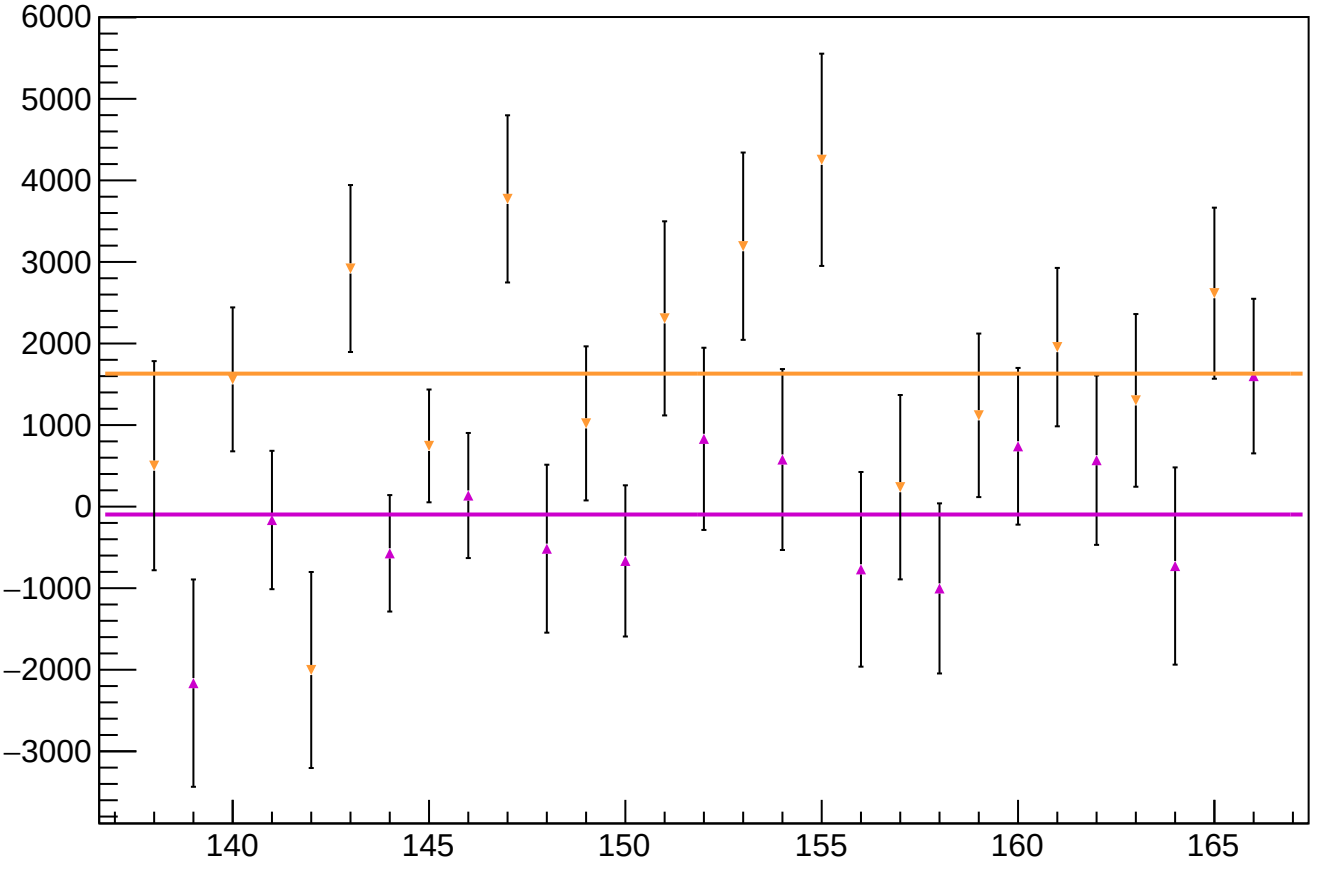
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 844.875+/-0.183 χ^2/NDF:623706.9/13

Out: 862.862+/-0.187 χ^2/NDF:686633.9/14

All: 853.715+/-0.131 χ^2/NDF: 1315070.1/28

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1630.666+/-263.542 χ^2/NDF:27.0/14

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

Left In: -96.653+/-259.754 χ^2/NDF:10.5/13

Left: 754.503+/-184.999 χ^2/NDF: 59.3/28

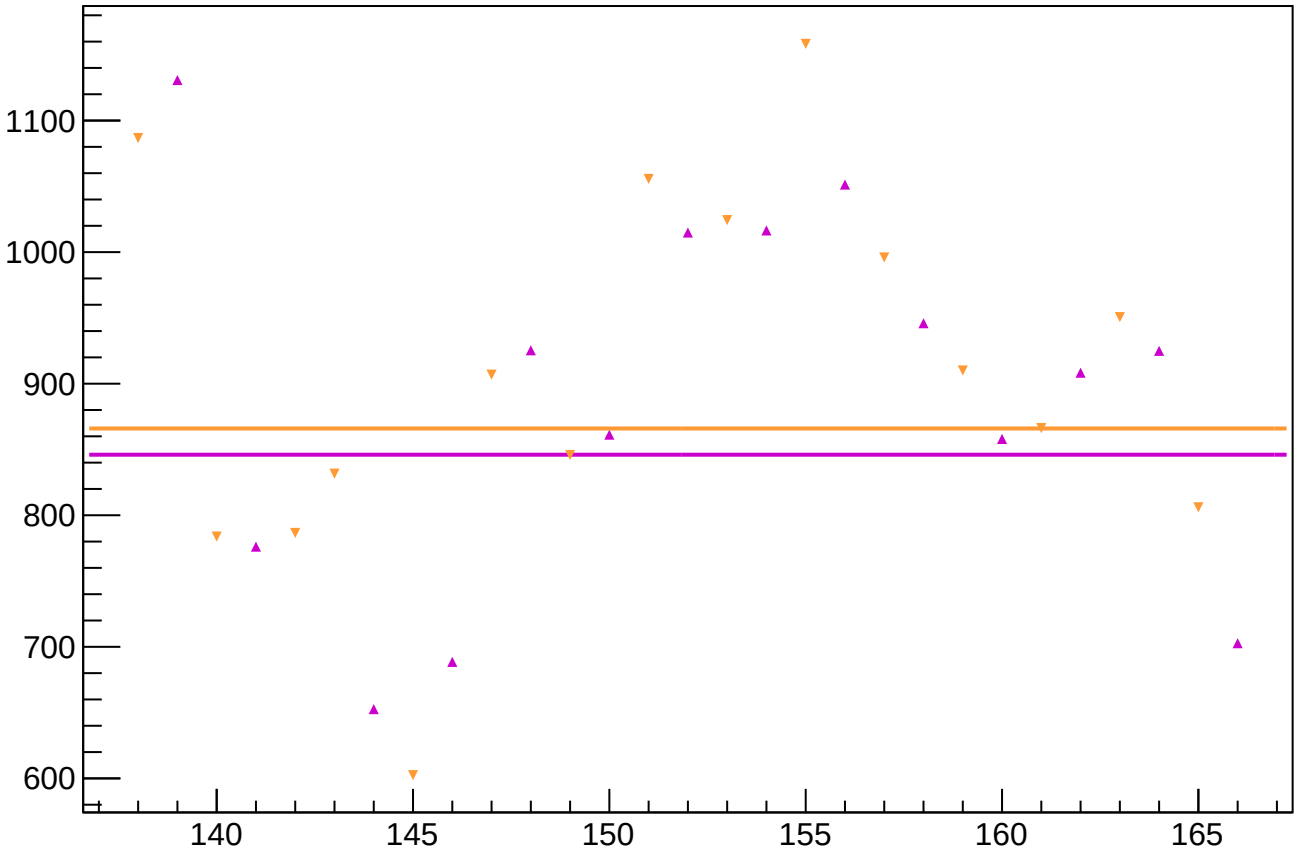
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -96.653+/-259.754 χ^2/NDF:10.5/13

Out: 1630.666+/-263.542 χ^2/NDF:27.0/14

All: 754.503+/-184.999 χ^2/NDF: 59.3/28

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 865.951+/-0.186 χ^2/NDF:621555.2/14

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

Left In: 846.025+/-0.184 χ^2/NDF:589607.0/13

Left: 855.844+/-0.131 χ^2/NDF: 1216961.7/28

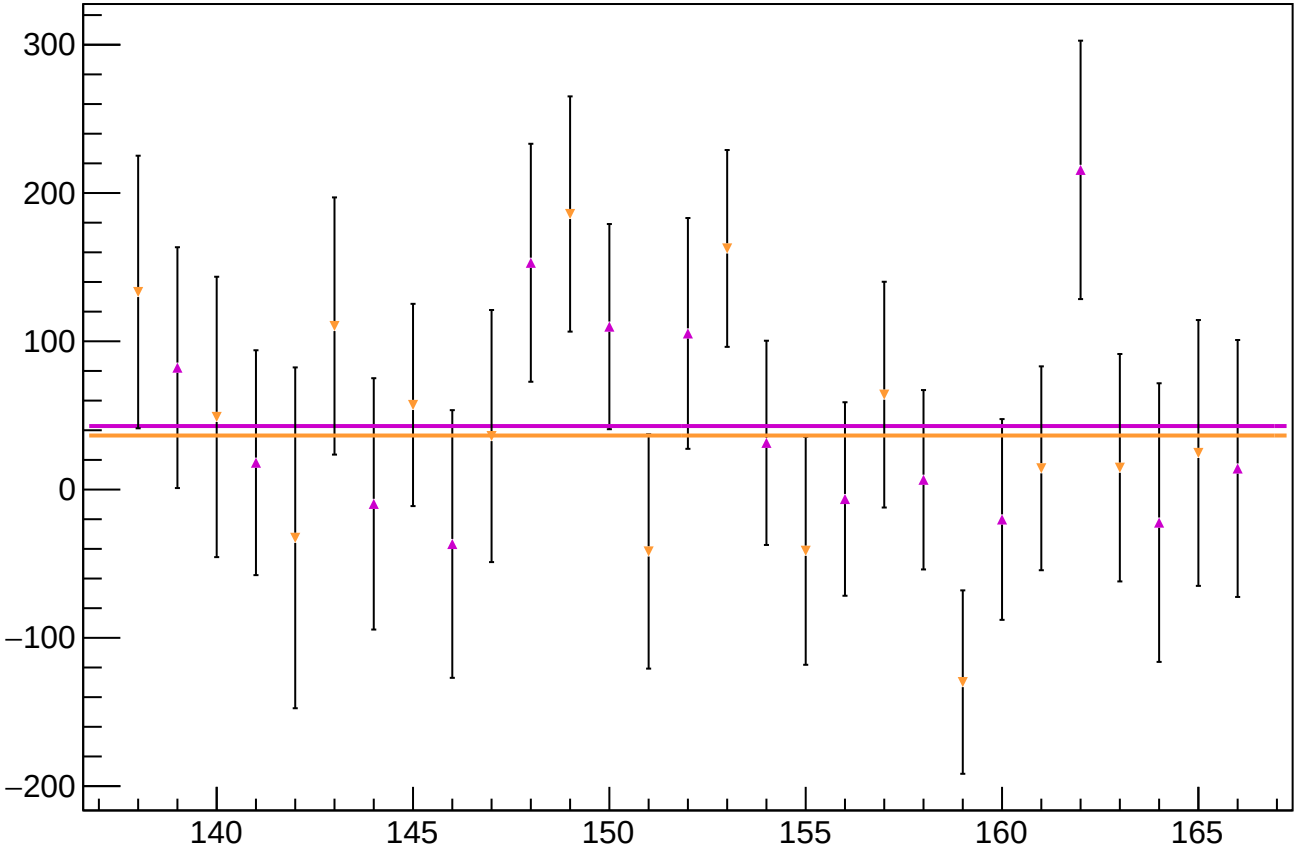
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 846.025+/-0.184 χ^2/NDF:589607.0/13

Out: 865.951+/-0.186 χ^2/NDF:621555.2/14

All: 855.844+/-0.131 χ^2/NDF: 1216961.7/28

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 36.452+/-20.214 χ^2/NDF:19.0/14

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

Left In: 42.841+/-20.278 χ^2/NDF:11.3/13

Left: 39.636+/-14.316 χ^2/NDF: 30.4/28

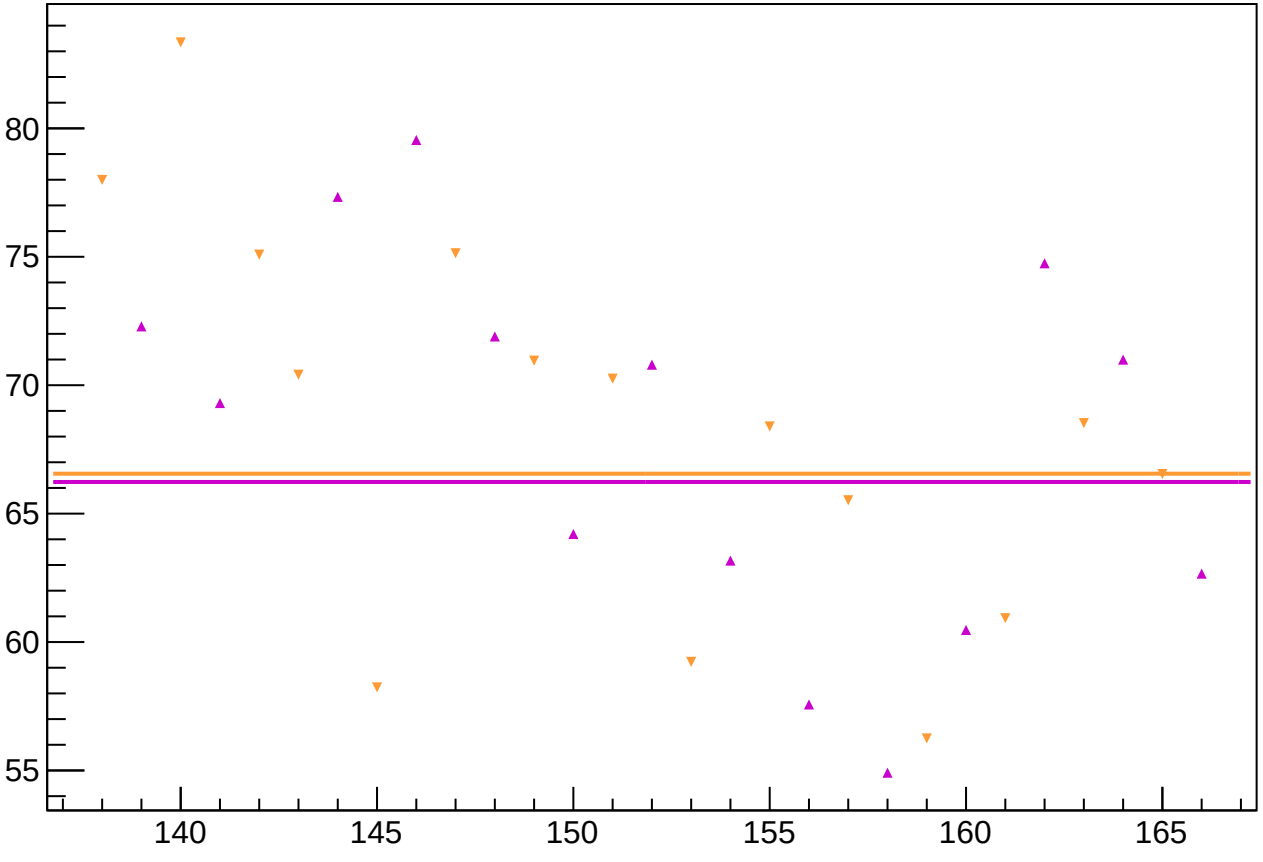
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 42.841+/-20.278 χ^2/NDF:11.3/13

Out: 36.452+/-20.214 χ^2/NDF:19.0/14

All: 39.636+/-14.316 χ^2/NDF: 30.4/28

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 66.555+/-0.014 χ^2/NDF:265843.2/14

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

Left In: 66.232+/-0.014 χ^2/NDF:262154.6/13

Left: 66.394+/-0.010 χ^2/NDF: 528251.5/28

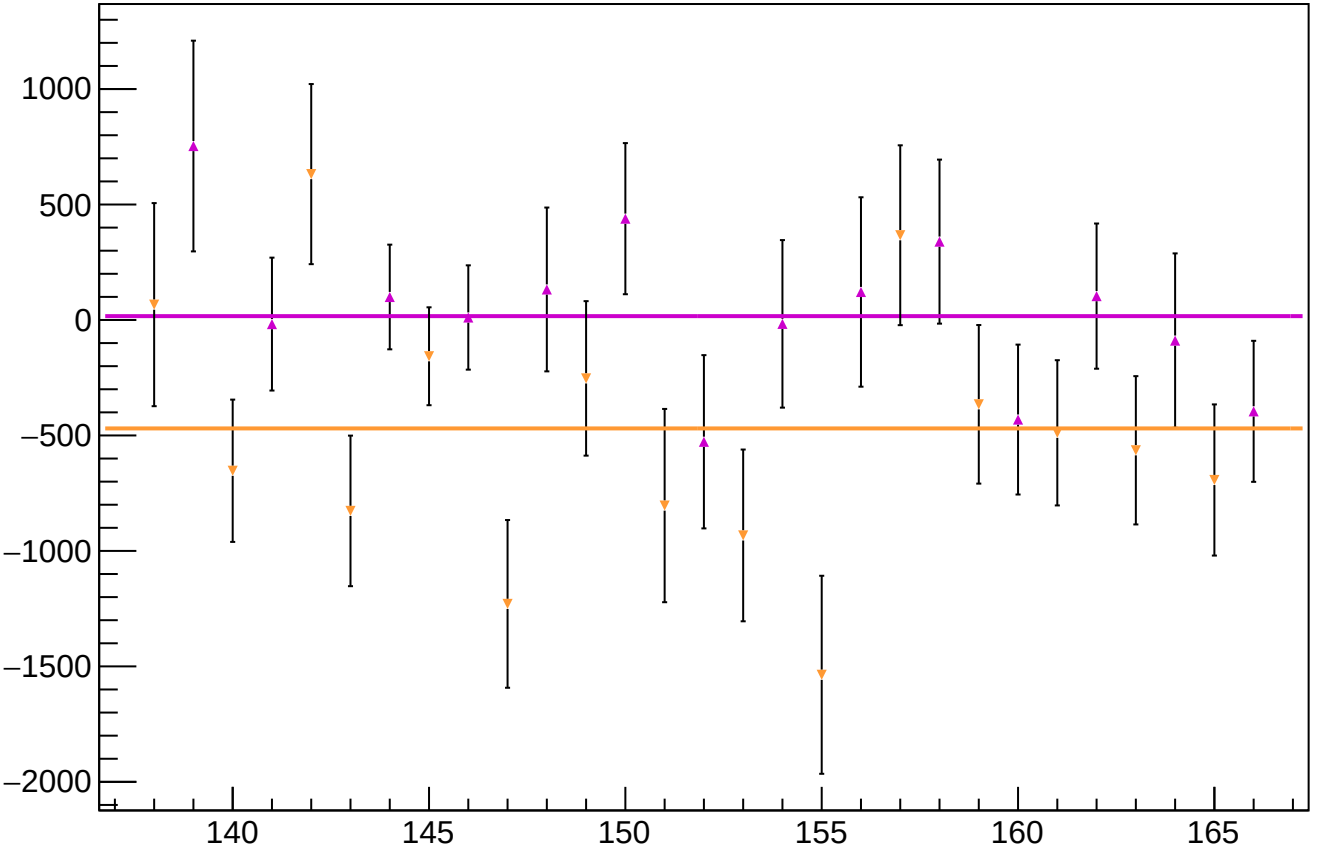
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 66.232+/-0.014 χ^2/NDF:262154.6/13

Out: 66.555+/-0.014 χ^2/NDF:265843.2/14

All: 66.394+/-0.010 χ^2/NDF: 528251.5/28

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -469.590+/-86.687 χ^2/NDF:31.6/14

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

Left In: 16.676+/-84.767 χ^2/NDF:11.4/13

Left: -221.014+/-60.607 χ^2/NDF: 59.1/28

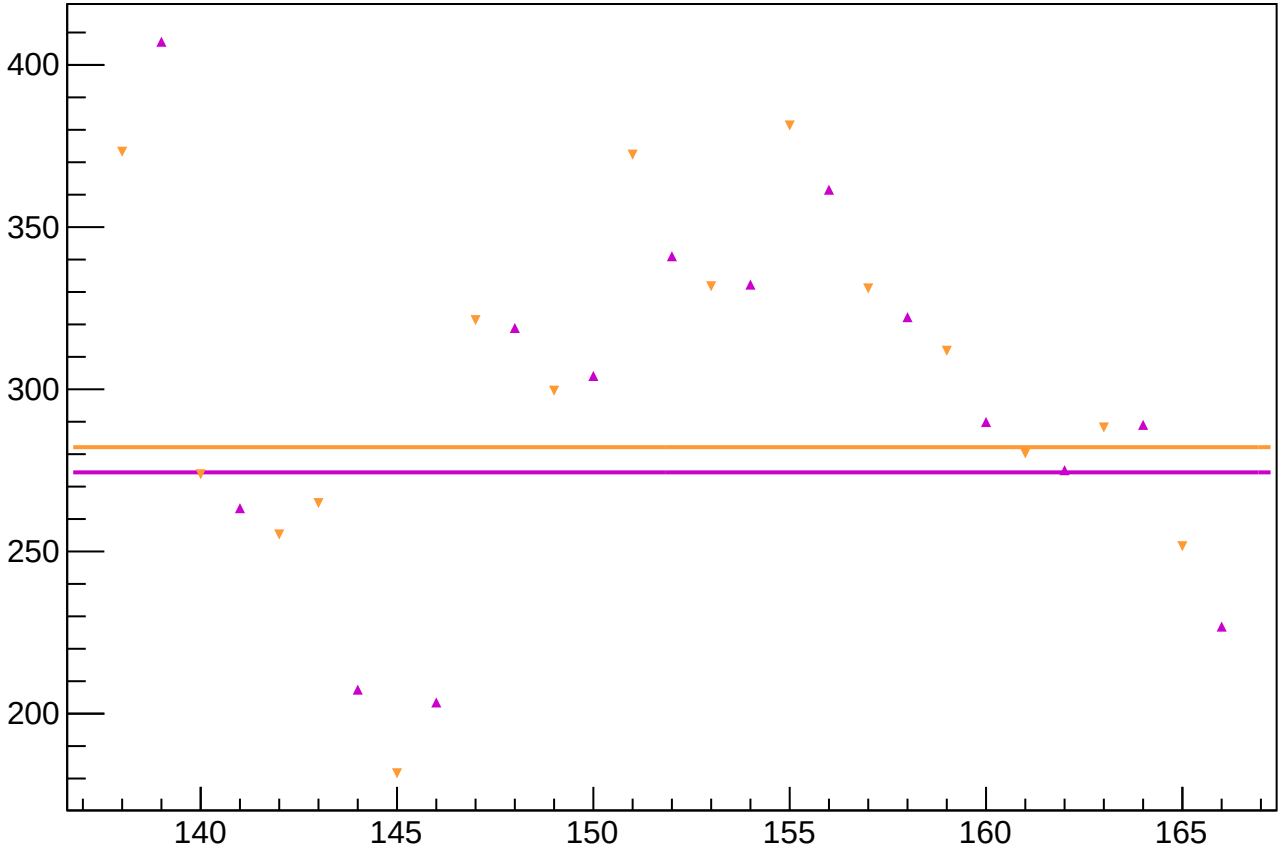
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 16.676+/-84.767 χ^2/NDF:11.4/13

Out: -469.590+/-86.687 χ^2/NDF:31.6/14

All: -221.014+/-60.607 χ^2/NDF: 59.1/28

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 282.156+/-0.061 χ^2/NDF:881397.9/14

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

Left In: 274.389+/-0.060 χ^2/NDF:888996.3/13

Left: 278.186+/-0.043 χ^2/NDF: 1778603.3/28

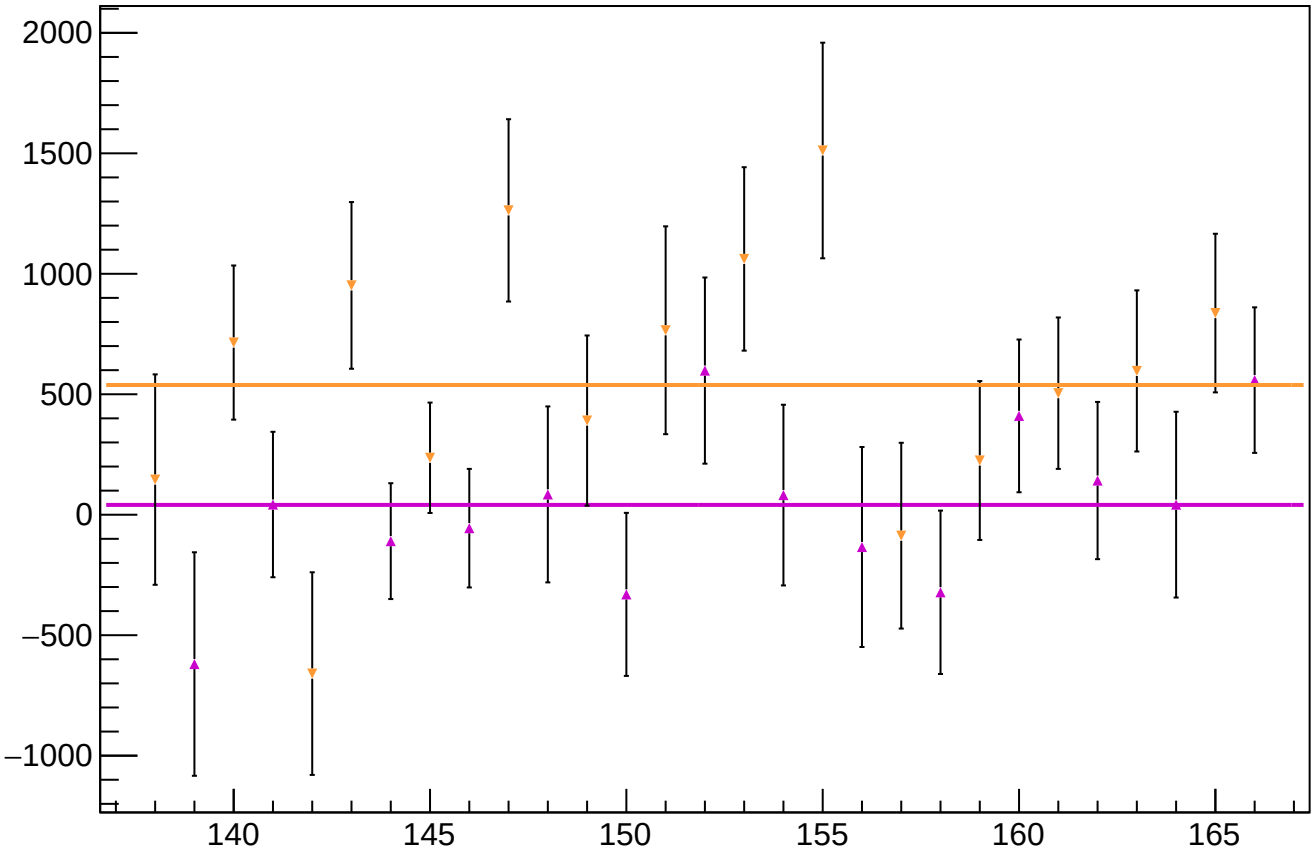
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 274.389+/-0.060 χ^2/NDF:888996.3/13

Out: 282.156+/-0.061 χ^2/NDF:881397.9/14

All: 278.186+/-0.043 χ^2/NDF: 1778603.3/28

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 538.473+/-89.593 χ^2/NDF:27.5/14

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

Left In: 40.770+/-87.362 χ^2/NDF:11.6/13

Left: 283.349+/-62.548 χ^2/NDF: 55.0/28

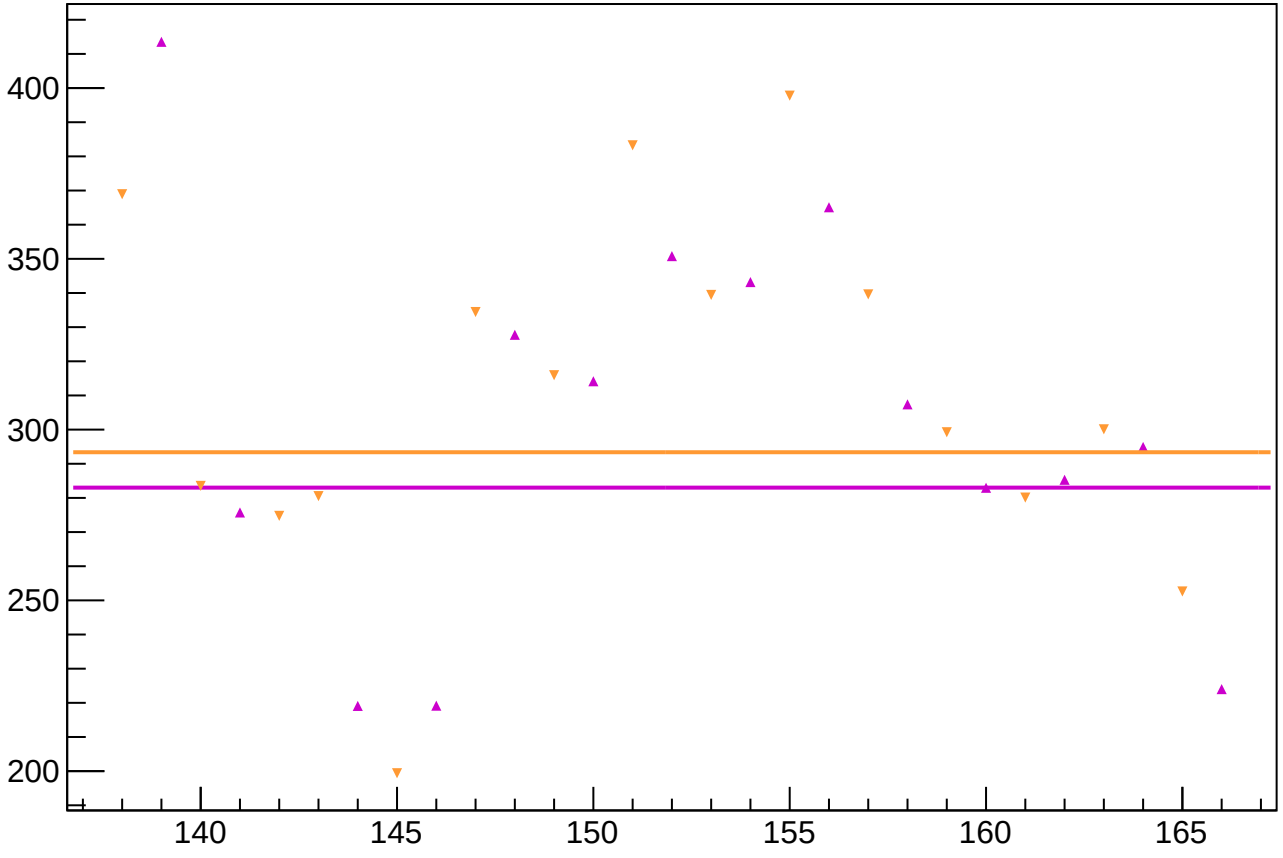
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 40.770+/-87.362 χ^2/NDF:11.6/13

Out: 538.473+/-89.593 χ^2/NDF:27.5/14

All: 283.349+/-62.548 χ^2/NDF: 55.0/28

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 293.376+/-0.063 χ^2/NDF:726184.9/14

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

Left In: 283.011+/-0.062 χ^2/NDF:762535.5/13

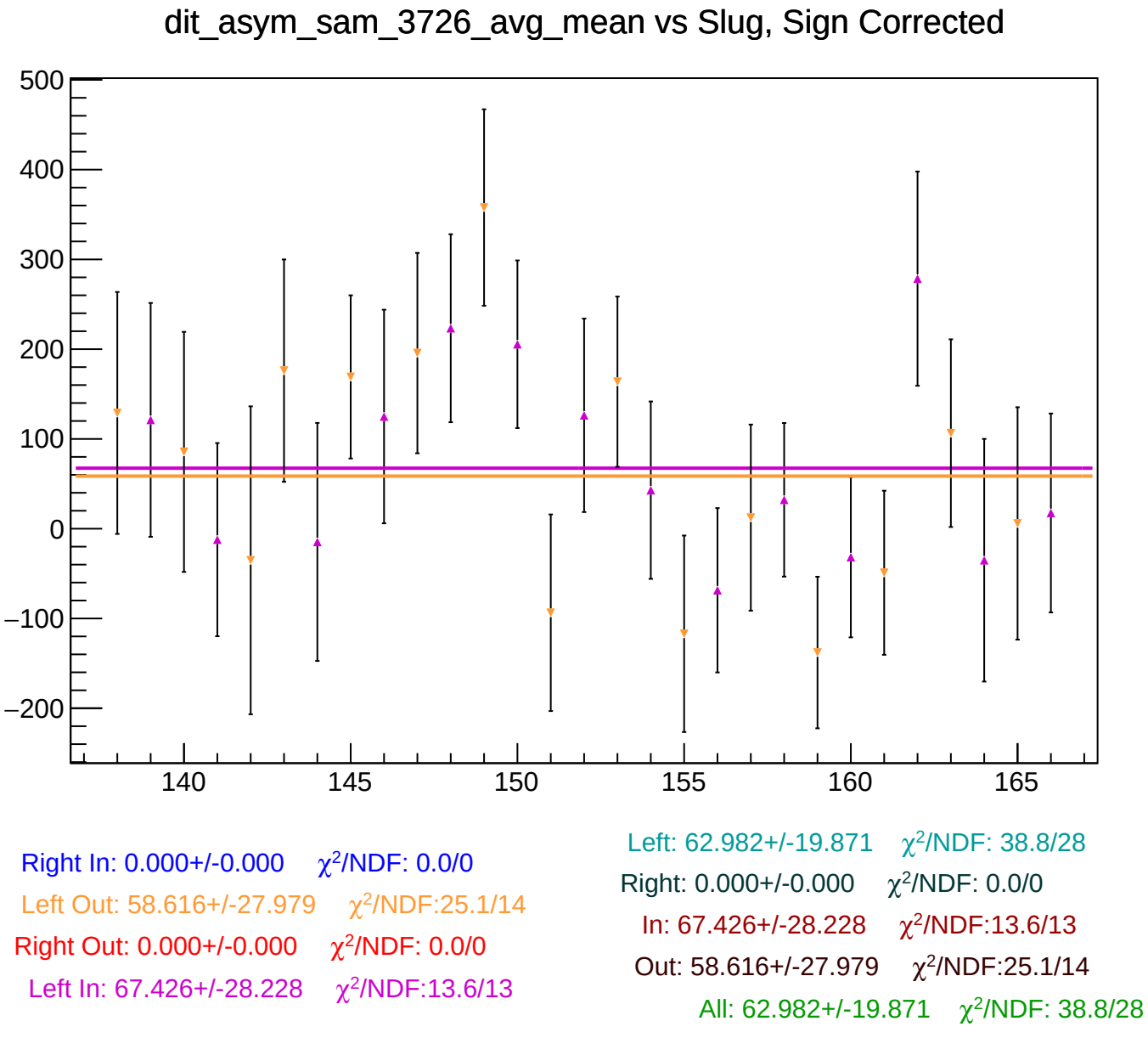
Left: 288.063+/-0.044 χ^2/NDF: 1502440.5/28

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

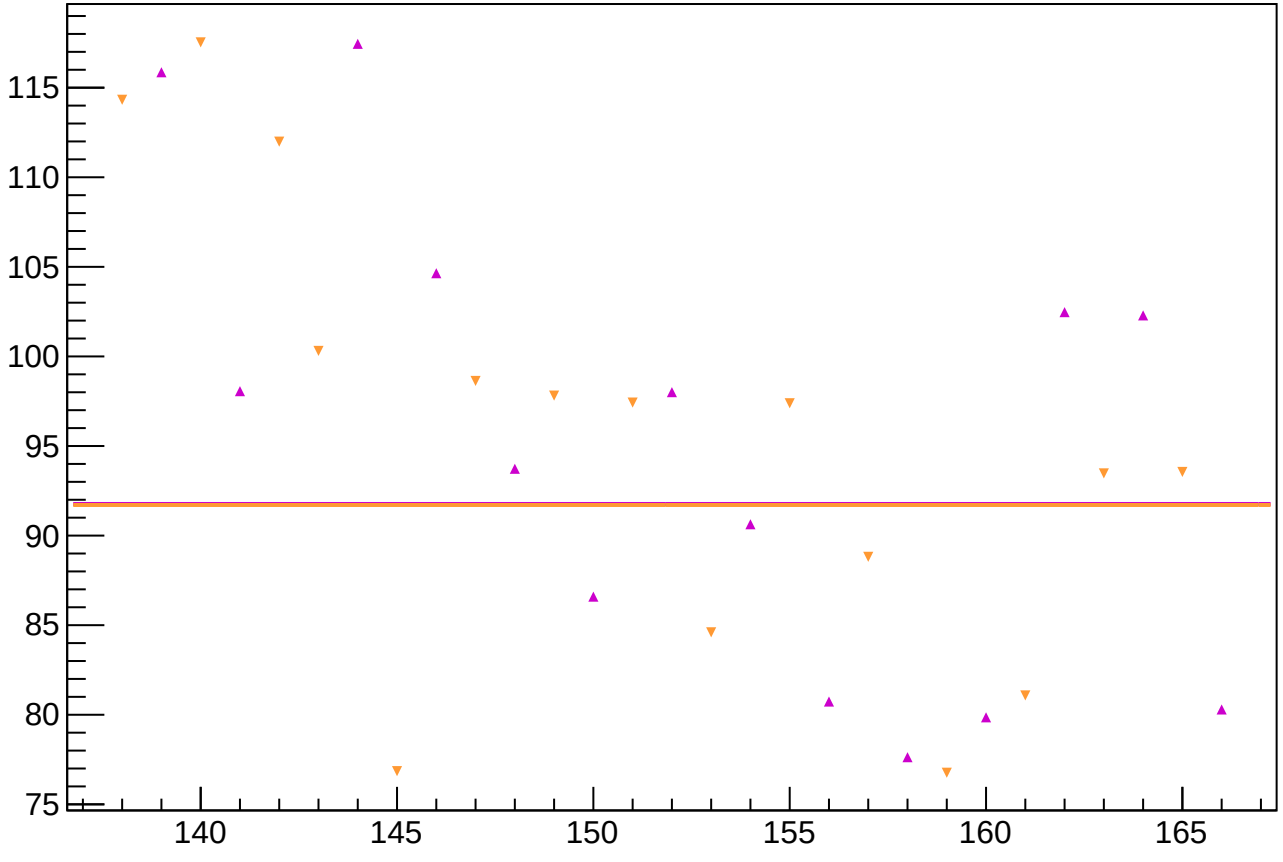
In: 283.011+/-0.062 χ^2/NDF:762535.5/13

Out: 293.376+/-0.063 χ^2/NDF:726184.9/14

All: 288.063+/-0.044 χ^2/NDF: 1502440.5/28


dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected
500
400
300
200
100
0
−100
−200
140
145
150
155
160
165
Right In: 0.000+/-0.000 χ²/NDF: 0.0/0
Left Out: 58.616+/-27.979 χ²/NDF:25.1/14
Right Out: 0.000+/-0.000 χ²/NDF: 0.0/0
Left In: 67.426+/-28.228 χ²/NDF:13.6/13
Left: 62.982+/-19.871 χ²/NDF: 38.8/28
Right: 0.000+/-0.000 χ²/NDF: 0.0/0
In: 67.426+/-28.228 χ²/NDF:13.6/13
Out: 58.616+/-27.979 χ²/NDF:25.1/14
All: 62.982+/-19.871 χ²/NDF: 38.8/28

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 91.709+/-0.020 χ^2/NDF:350180.7/14

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

Left In: 91.764+/-0.020 χ^2/NDF:356435.6/13

Left: 91.736+/-0.014 χ^2/NDF: 706620.1/28

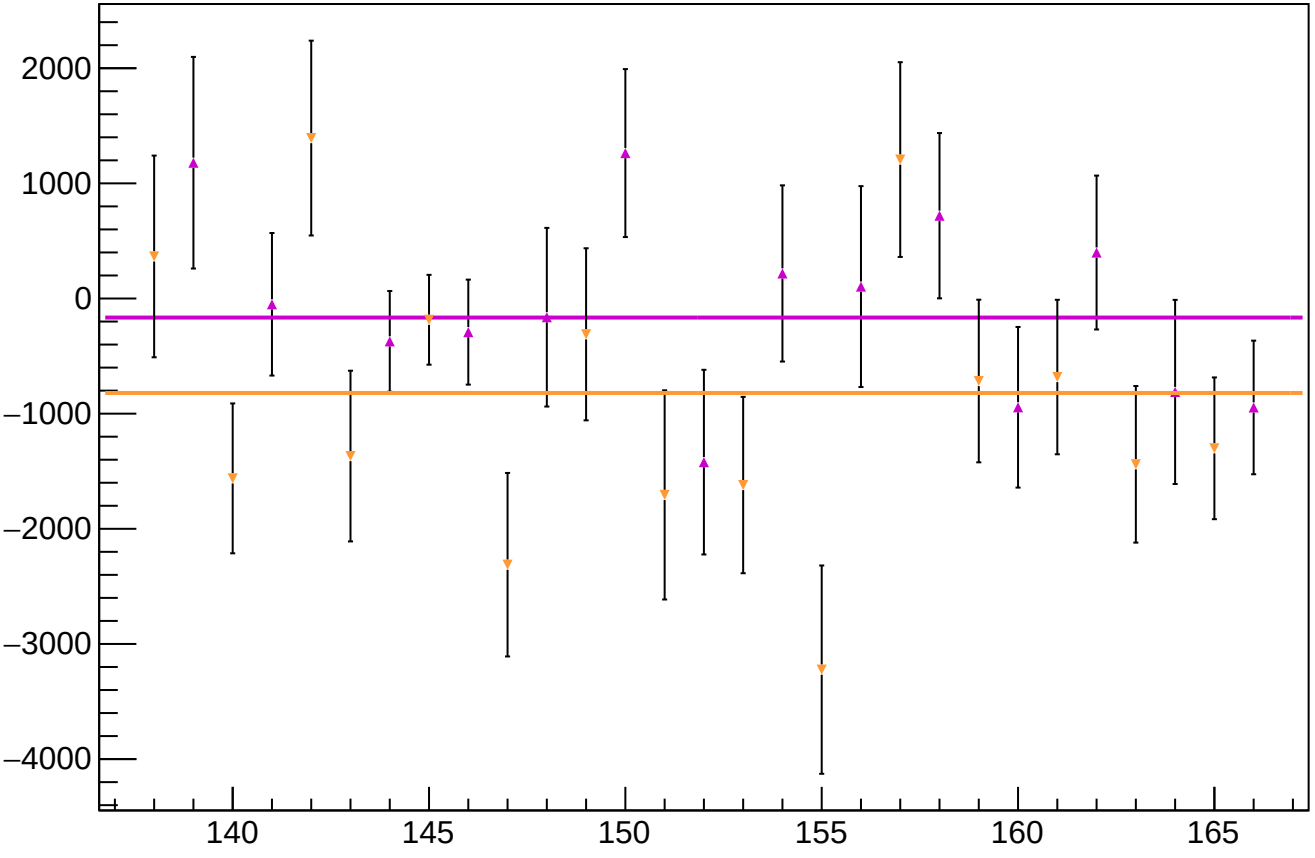
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 91.764+/-0.020 χ^2/NDF:356435.6/13

Out: 91.709+/-0.020 χ^2/NDF:350180.7/14

All: 91.736+/-0.014 χ^2/NDF: 706620.1/28

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -820.317+/-178.503 χ^2/NDF:33.5/14

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

Left In: -165.453+/-174.806 χ^2/NDF:15.1/13

Left: -486.035+/-124.893 χ^2/NDF: 55.4/28

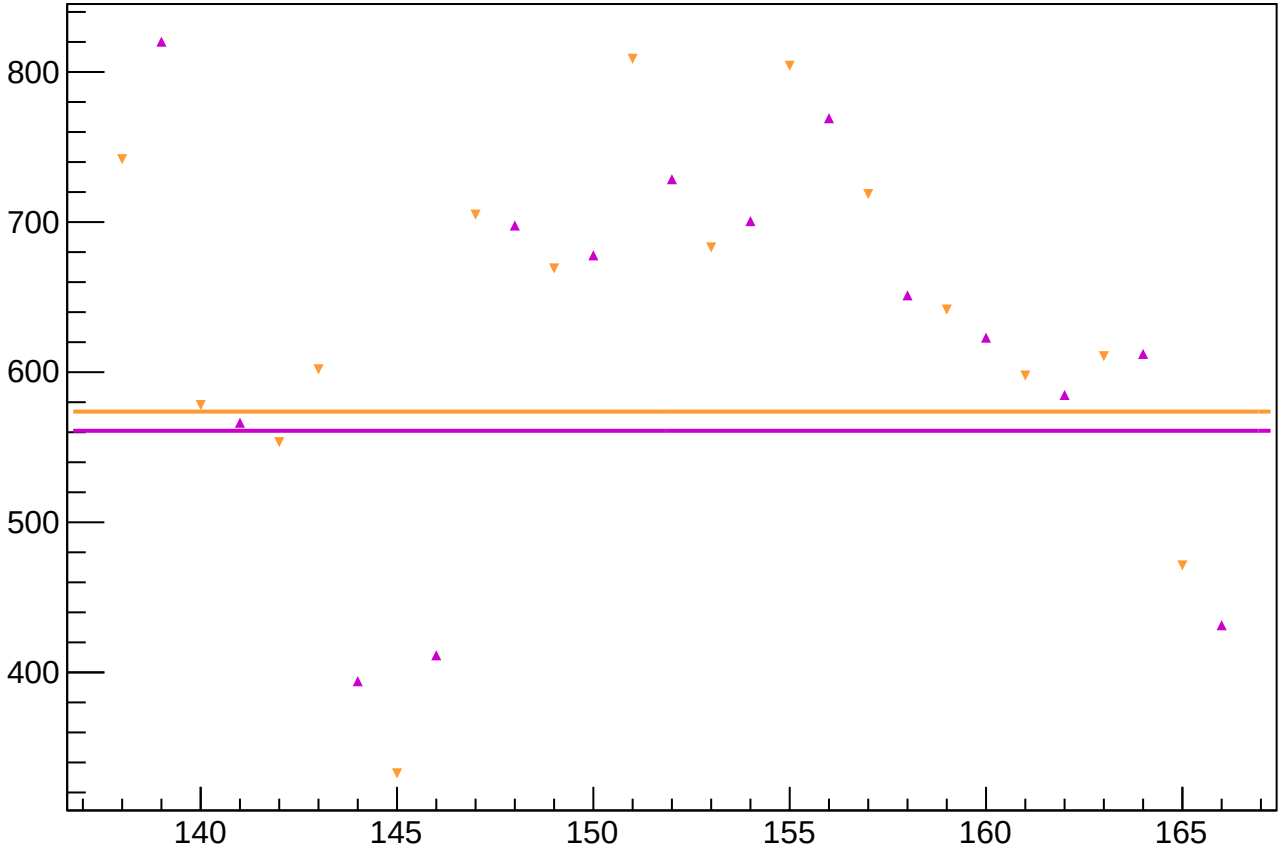
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -165.453+/-174.806 χ^2/NDF:15.1/13

Out: -820.317+/-178.503 χ^2/NDF:33.5/14

All: -486.035+/-124.893 χ^2/NDF: 55.4/28

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 573.760+/-0.126 χ^2/NDF:1373630.1/14

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

Left In: 560.963+/-0.124 χ^2/NDF:1205299.9/13

Left: 567.228+/-0.088 χ^2/NDF: 2584176.6/28

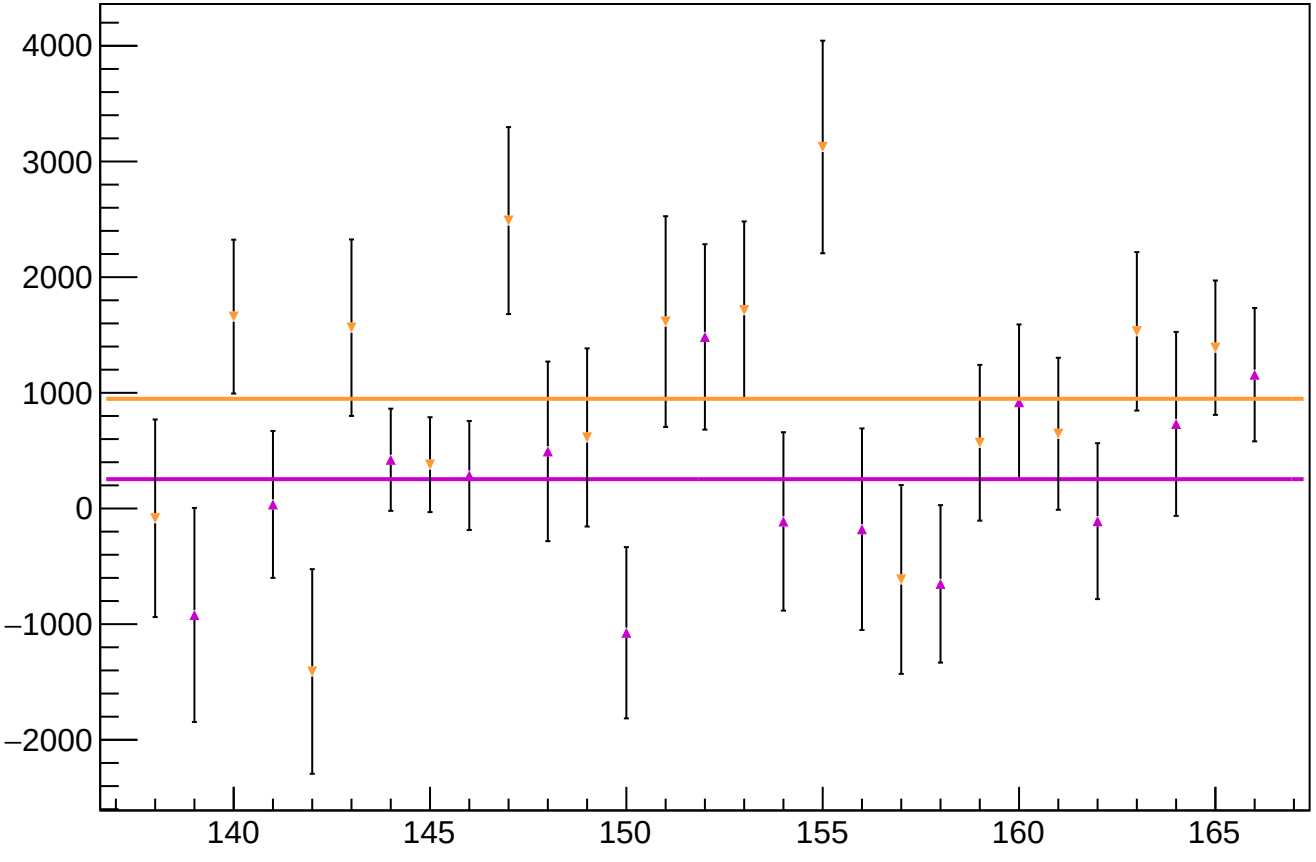
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 560.963+/-0.124 χ^2/NDF:1205299.9/13

Out: 573.760+/-0.126 χ^2/NDF:1373630.1/14

All: 567.228+/-0.088 χ^2/NDF: 2584176.6/28

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 948.276+/-179.611 χ^2/NDF:28.7/14

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

Left In: 253.435+/-175.455 χ^2/NDF:13.9/13

Left: 592.723+/-125.509 χ^2/NDF: 50.3/28

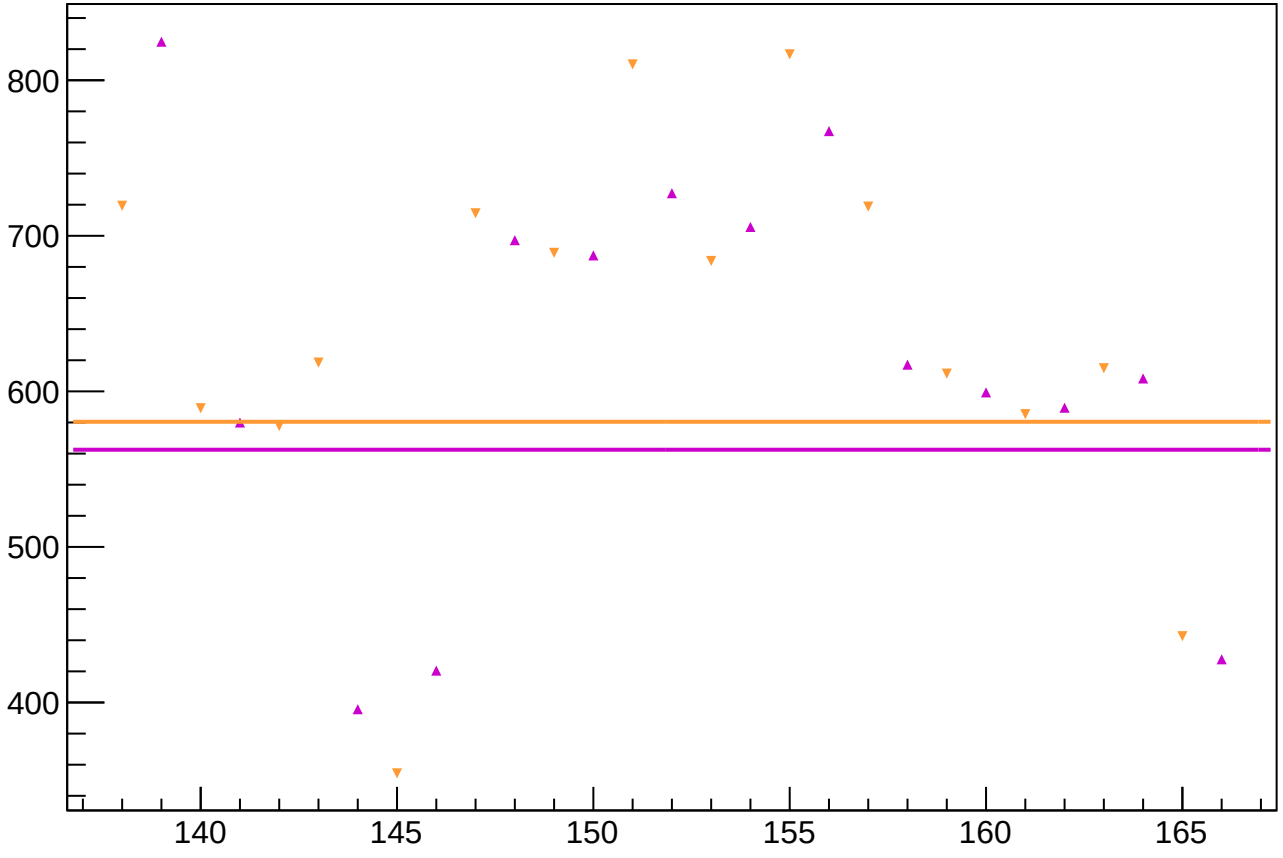
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 253.435+/-175.455 χ^2/NDF:13.9/13

Out: 948.276+/-179.611 χ^2/NDF:28.7/14

All: 592.723+/-125.509 χ^2/NDF: 50.3/28

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 580.459+/-0.127 χ^2/NDF:1235787.2/14

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

Left In: 562.486+/-0.124 χ^2/NDF:1148583.9/13

Left: 571.262+/-0.089 χ^2/NDF: 2394618.8/28

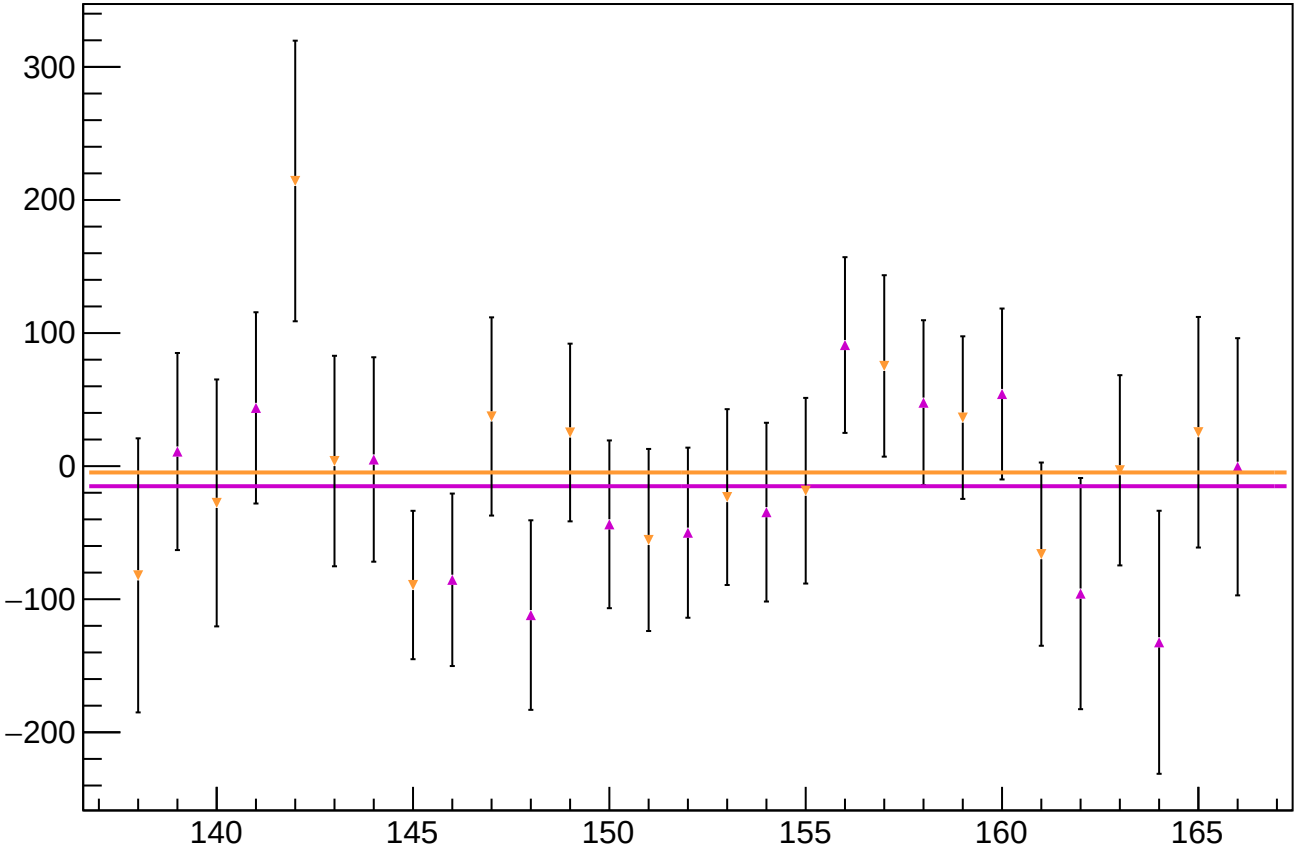
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 562.486+/-0.124 χ^2/NDF:1148583.9/13

Out: 580.459+/-0.127 χ^2/NDF:1235787.2/14

All: 571.262+/-0.089 χ^2/NDF: 2394618.8/28

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: -4.748+/-18.706 χ^2/NDF:11.2/14

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

Left In: -15.084+/-18.989 χ^2/NDF:11.5/13

Left: -9.838+/-13.326 χ^2/NDF: 22.9/28

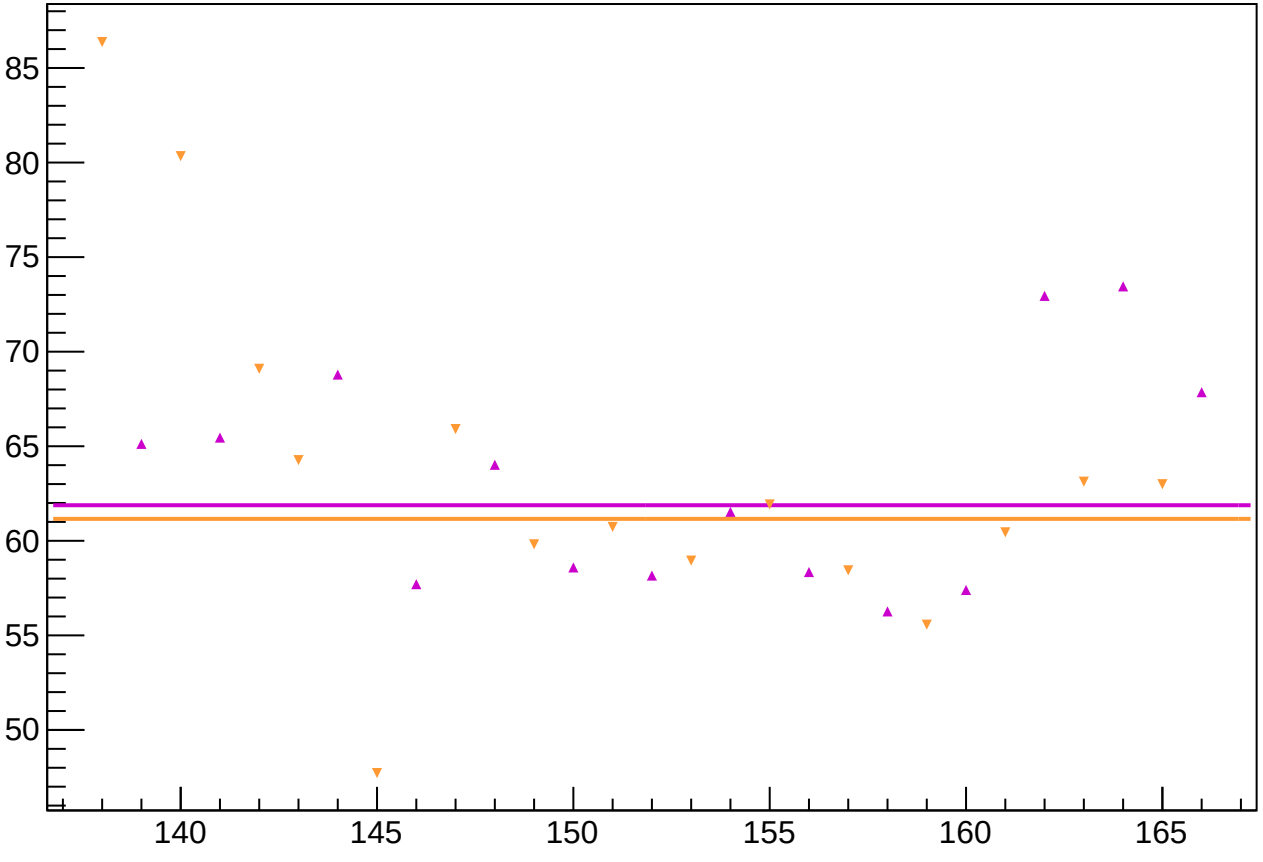
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.084+/-18.989 χ^2/NDF:11.5/13

Out: -4.748+/-18.706 χ^2/NDF:11.2/14

All: -9.838+/-13.326 χ^2/NDF: 22.9/28

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 61.160+/-0.013 χ^2/NDF:370023.9/14

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

Left In: 61.881+/-0.013 χ^2/NDF:146779.9/13

Left: 61.515+/-0.009 χ^2/NDF: 518267.4/28

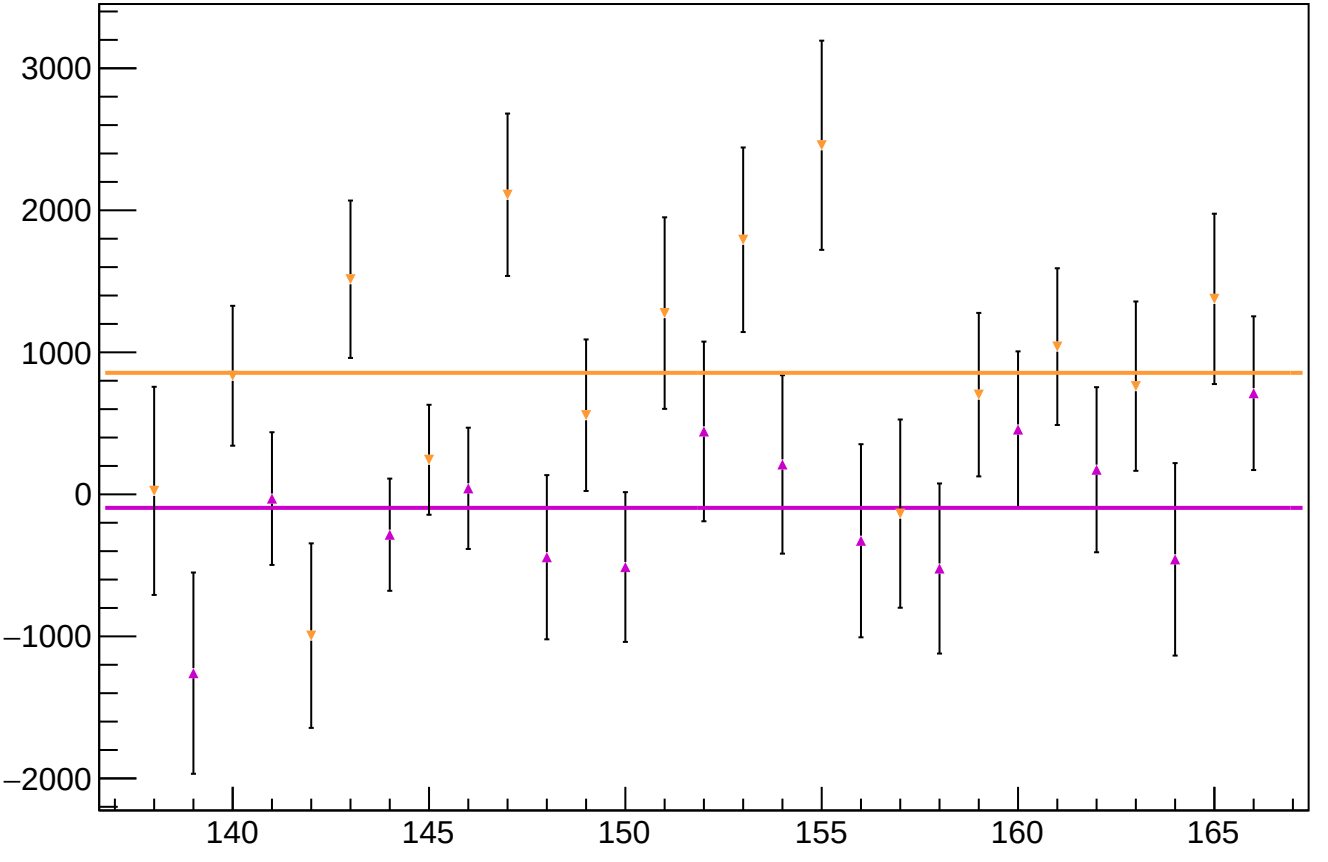
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 61.881+/-0.013 χ^2/NDF:146779.9/13

Out: 61.160+/-0.013 χ^2/NDF:370023.9/14

All: 61.515+/-0.009 χ^2/NDF: 518267.4/28

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: 855.703+/-148.346 χ^2/NDF:28.8/14

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

Left In: -95.115+/-146.016 χ^2/NDF:9.4/13

Left: 372.770+/-104.063 χ^2/NDF: 59.1/28

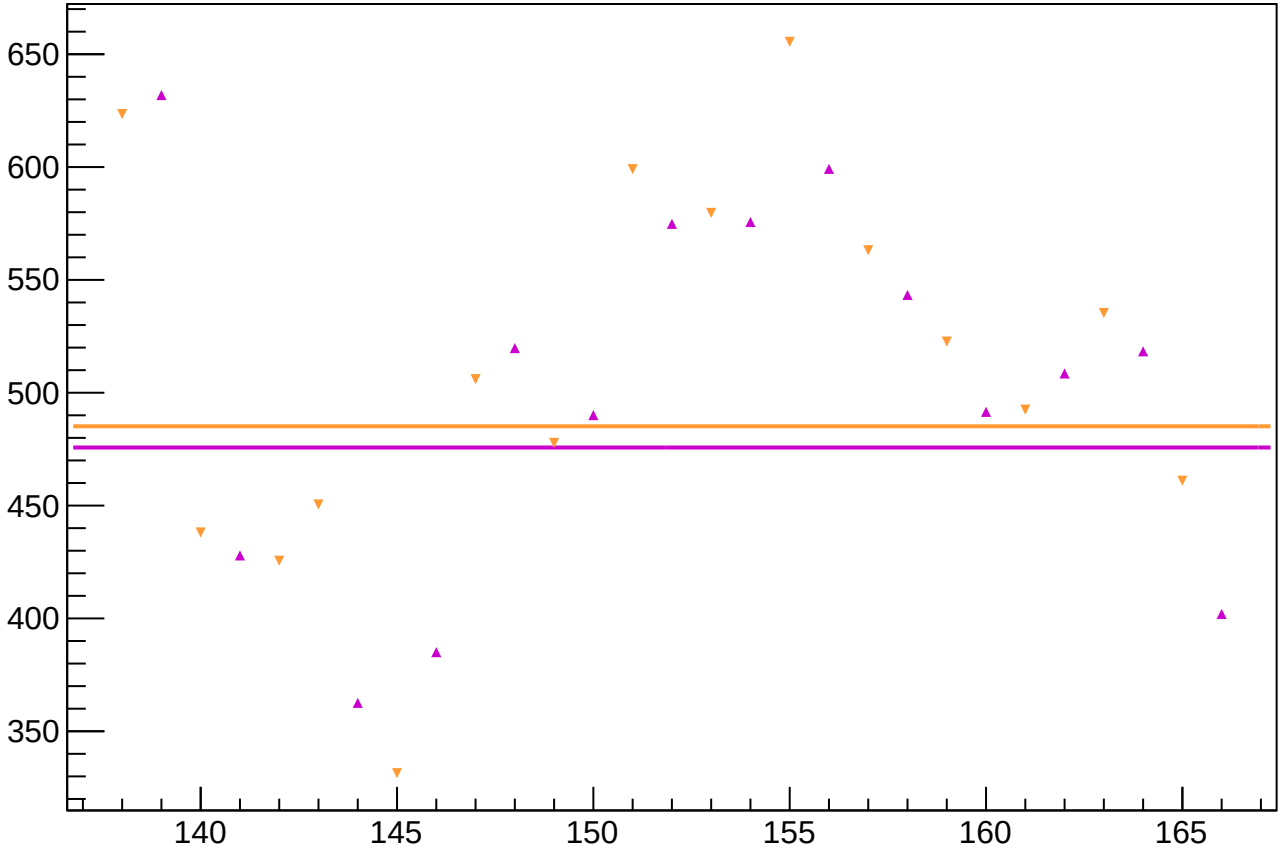
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -95.115+/-146.016 χ^2/NDF:9.4/13

Out: 855.703+/-148.346 χ^2/NDF:28.8/14

All: 372.770+/-104.063 χ^2/NDF: 59.1/28

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: 485.140+/-0.105 χ^2/NDF:692872.8/14

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

Left In: 475.734+/-0.103 χ^2/NDF:629817.3/13

Left: 480.362+/-0.074 χ^2/NDF: 1326774.3/28

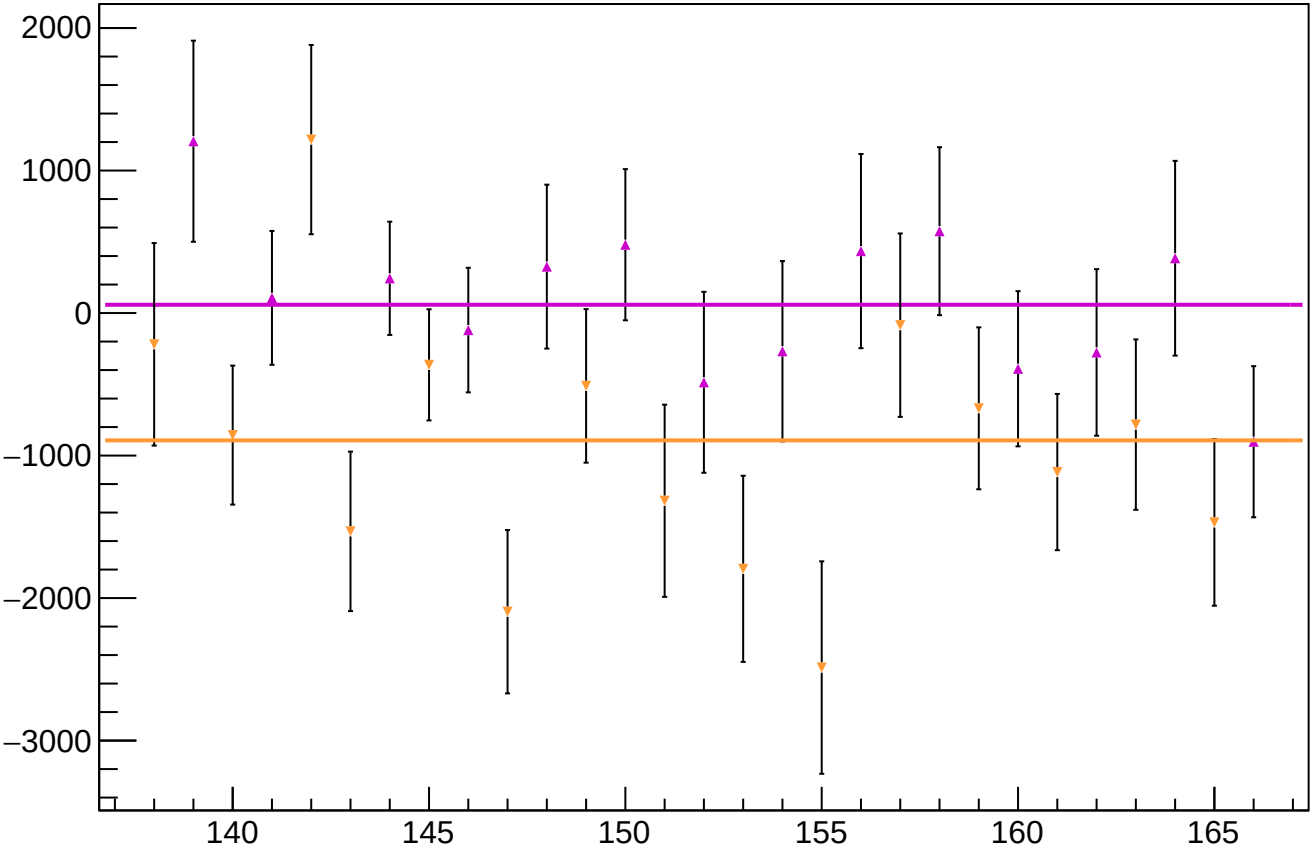
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 475.734+/-0.103 χ^2/NDF:629817.3/13

Out: 485.140+/-0.105 χ^2/NDF:692872.8/14

All: 480.362+/-0.074 χ^2/NDF: 1326774.3/28

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -893.396+/-148.059 χ^2/NDF:28.8/14

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

Left In: 58.145+/-146.329 χ^2/NDF:10.5/13

Left: -412.035+/-104.076 χ^2/NDF: 60.2/28

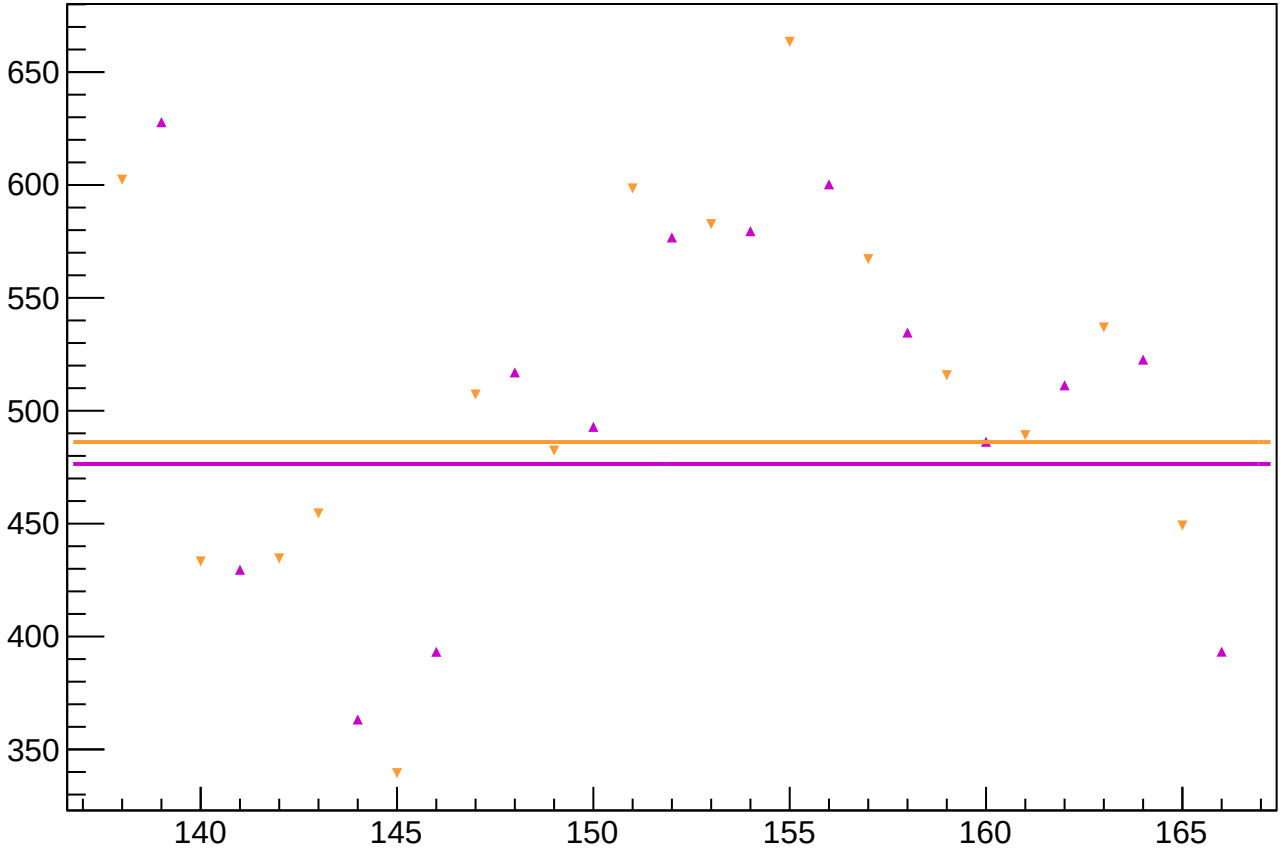
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.145+/-146.329 χ^2/NDF:10.5/13

Out: -893.396+/-148.059 χ^2/NDF:28.8/14

All: -412.035+/-104.076 χ^2/NDF: 60.2/28

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 486.137+/-0.105 χ^2/NDF:653057.8/14

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

Left In: 476.438+/-0.103 χ^2/NDF:613390.1/13

Left: 481.230+/-0.074 χ^2/NDF: 1270789.6/28

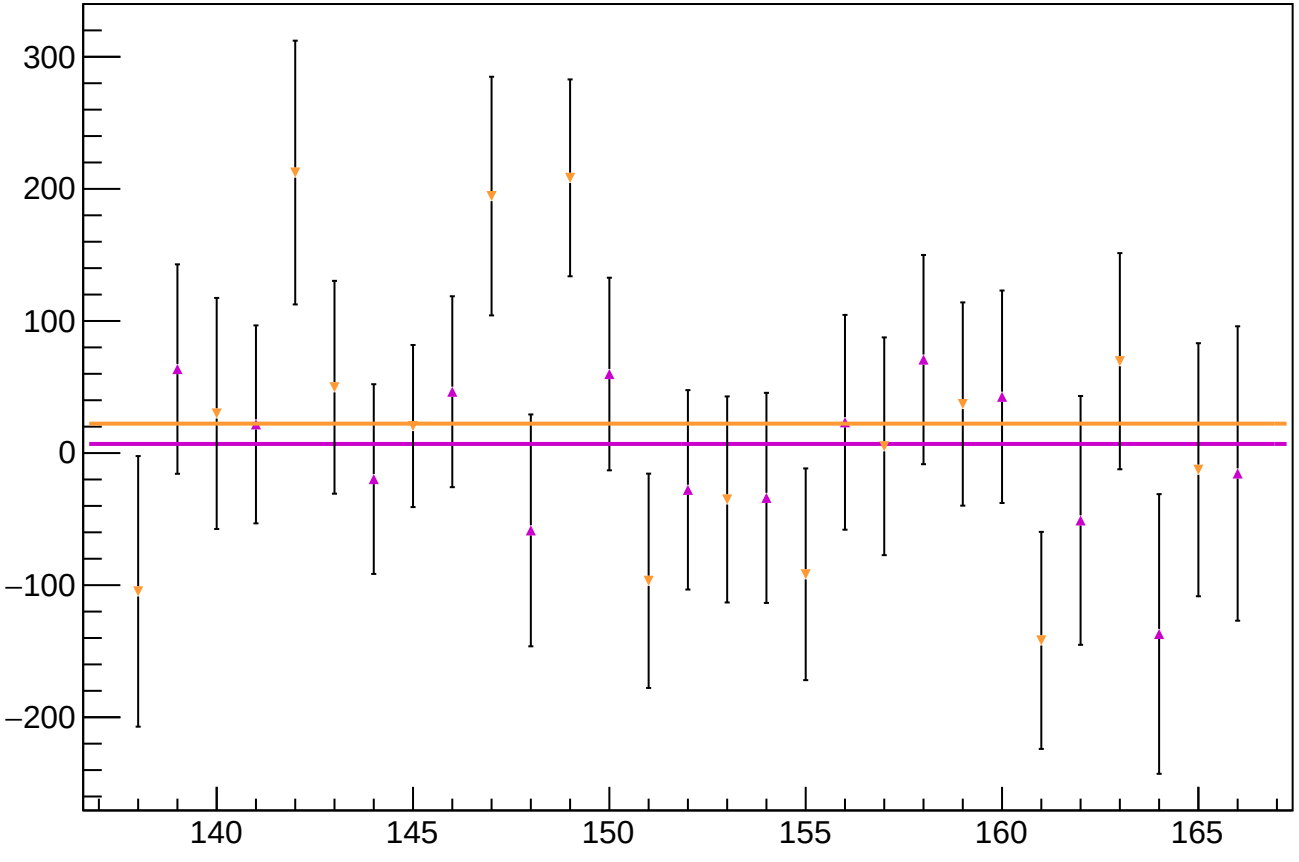
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 476.438+/-0.103 χ^2/NDF:613390.1/13

Out: 486.137+/-0.105 χ^2/NDF:653057.8/14

All: 481.230+/-0.074 χ^2/NDF: 1270789.6/28

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: 22.284+/-21.114 χ^2/NDF:24.4/14

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

Left In: 6.908+/-21.709 χ^2/NDF:5.7/13

Left: 14.810+/-15.136 χ^2/NDF: 30.4/28

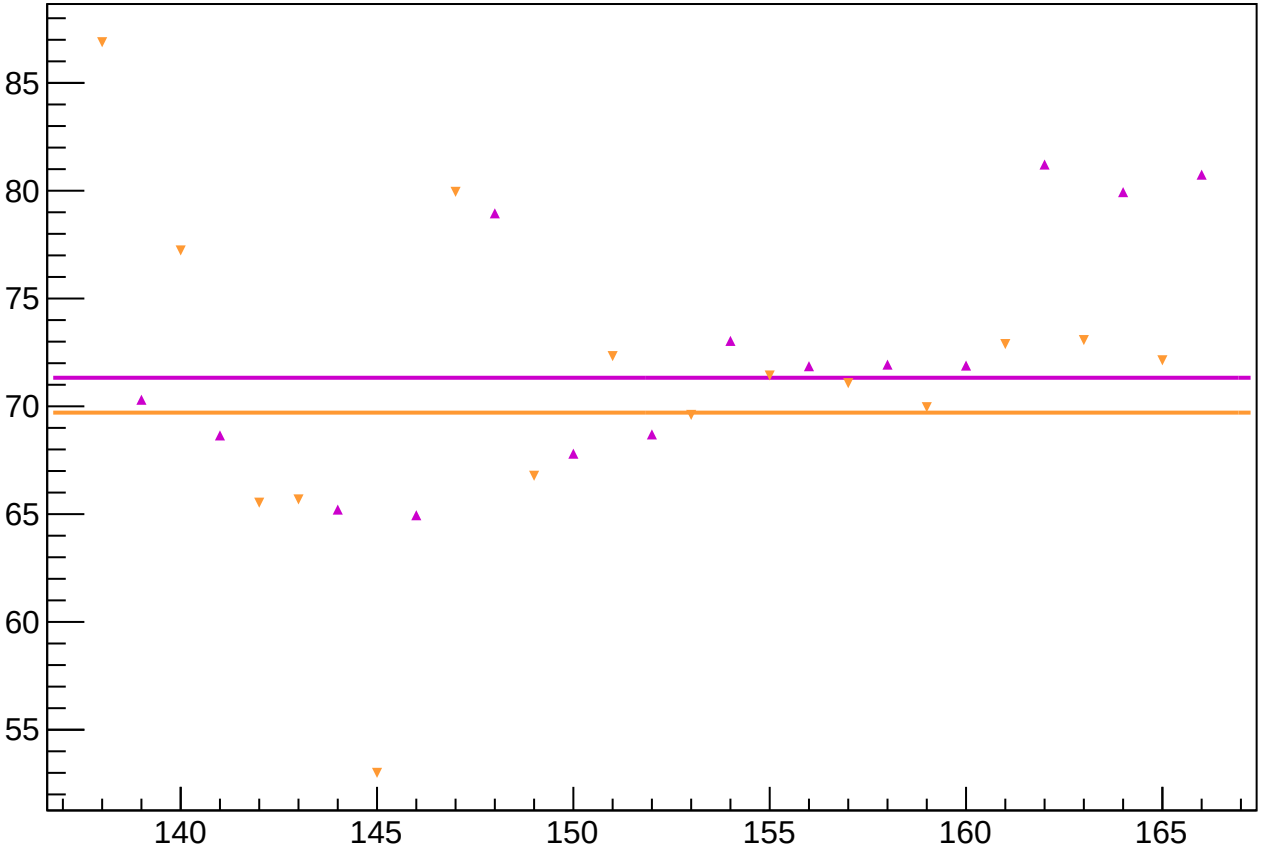
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 6.908+/-21.709 χ^2/NDF:5.7/13

Out: 22.284+/-21.114 χ^2/NDF:24.4/14

All: 14.810+/-15.136 χ^2/NDF: 30.4/28

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 69.708+/-0.015 χ^2/NDF:267882.1/14

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

Left In: 71.325+/-0.015 χ^2/NDF:105922.7/13

Left: 70.494+/-0.011 χ^2/NDF: 379508.3/28

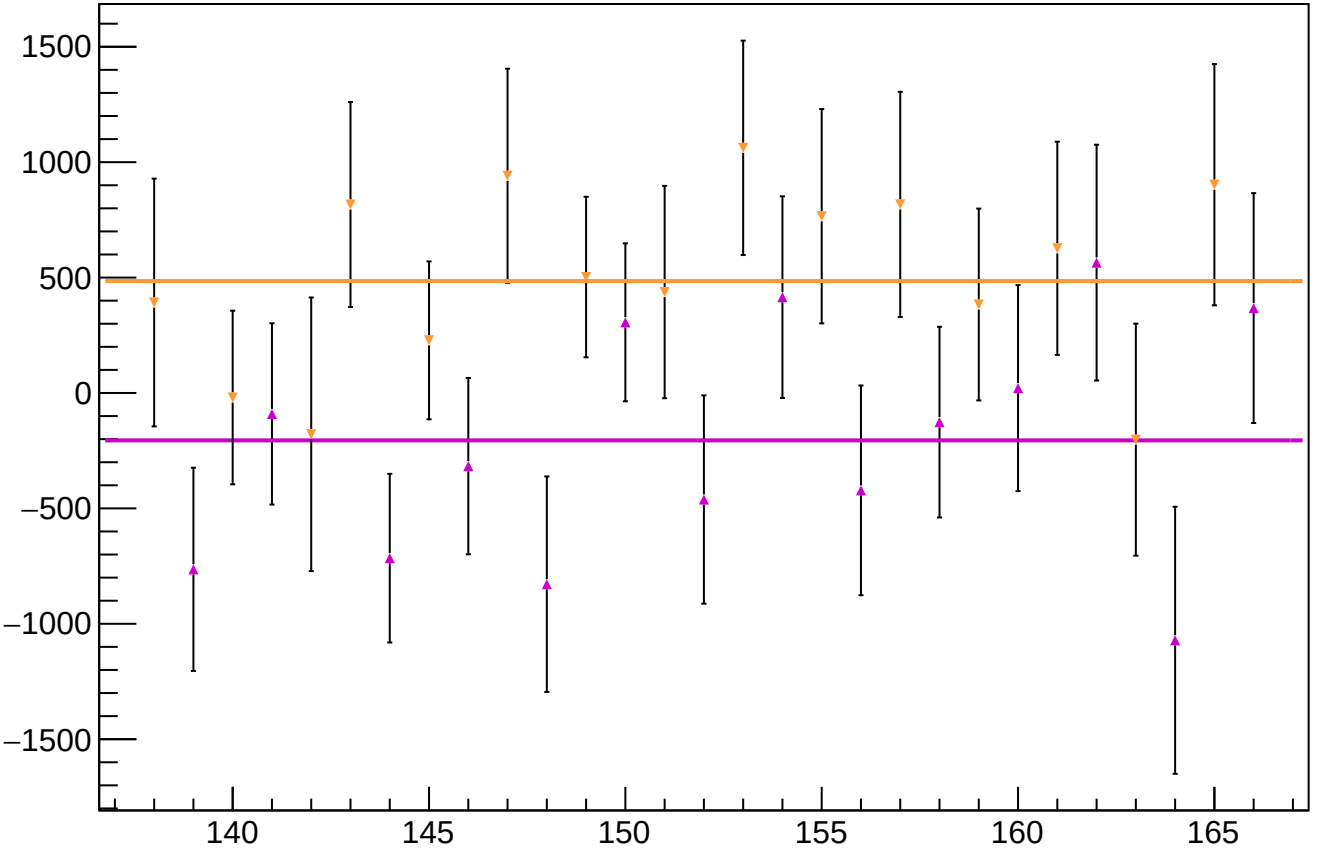
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 71.325+/-0.015 χ^2/NDF:105922.7/13

Out: 69.708+/-0.015 χ^2/NDF:267882.1/14

All: 70.494+/-0.011 χ^2/NDF: 379508.3/28

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: 485.013+/-114.547 χ^2/NDF:10.2/14

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

Left In: -205.316+/-114.824 χ^2/NDF:16.4/13

Left: 140.681+/-81.095 χ^2/NDF: 44.8/28

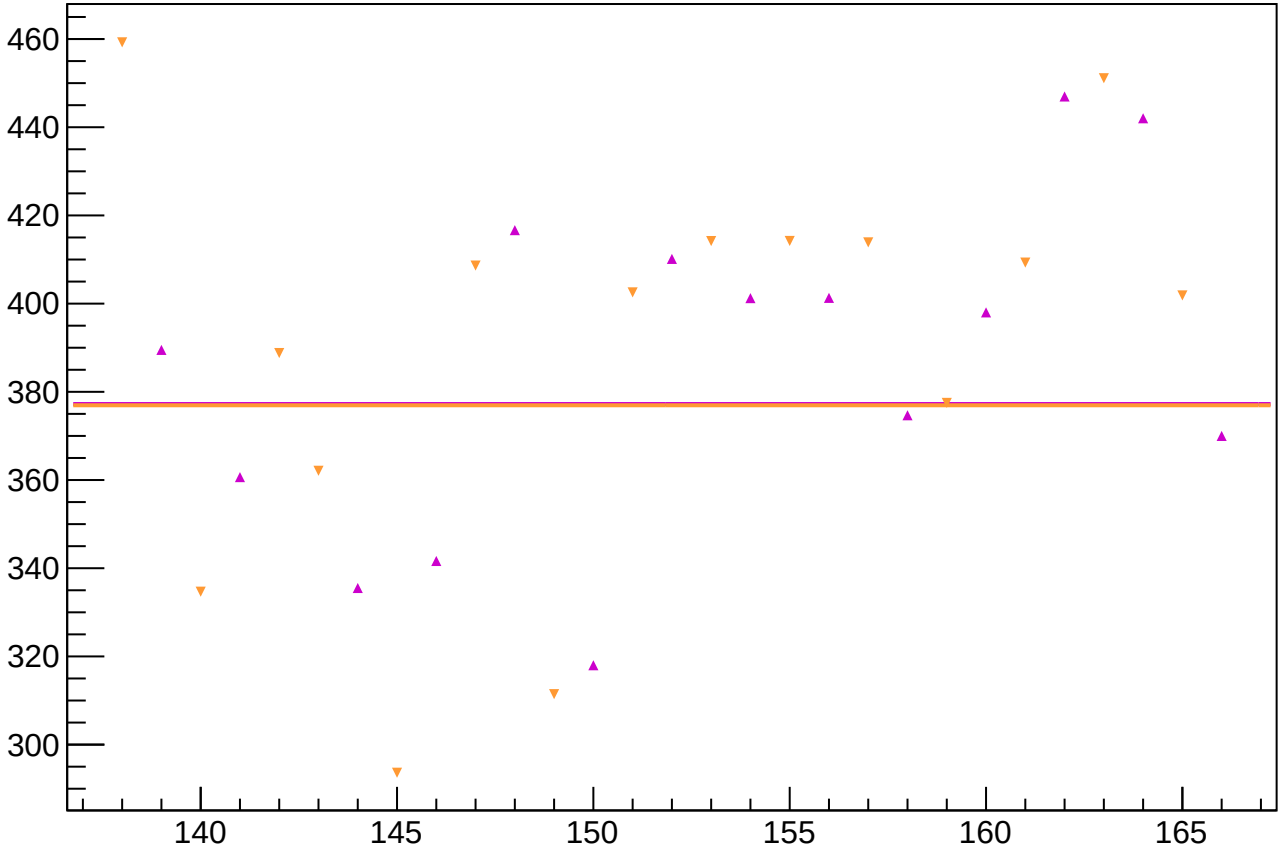
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -205.316+/-114.824 χ^2/NDF:16.4/13

Out: 485.013+/-114.547 χ^2/NDF:10.2/14

All: 140.681+/-81.095 χ^2/NDF: 44.8/28

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: 376.949+/-0.081 χ^2/NDF:375549.3/14

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

Left In: 377.232+/-0.081 χ^2/NDF:212228.4/13

Left: 377.090+/-0.057 χ^2/NDF: 587783.7/28

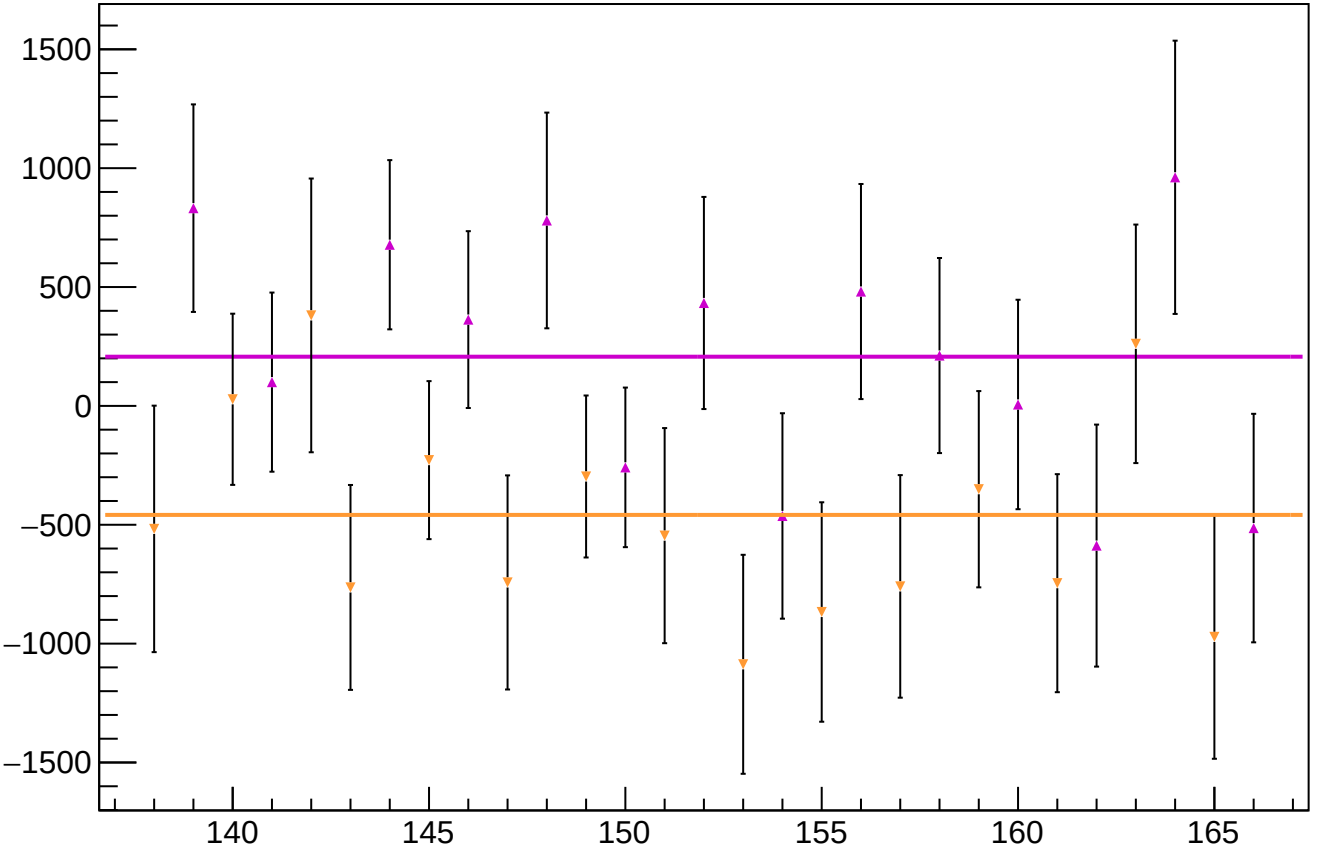
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 377.232+/-0.081 χ^2/NDF:212228.4/13

Out: 376.949+/-0.081 χ^2/NDF:375549.3/14

All: 377.090+/-0.057 χ^2/NDF: 587783.7/28

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -458.536+/-112.020 χ^2/NDF:12.2/14

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

Left In: 206.974+/-112.709 χ^2/NDF:17.2/13

Left: -127.823+/-79.453 χ^2/NDF: 46.9/28

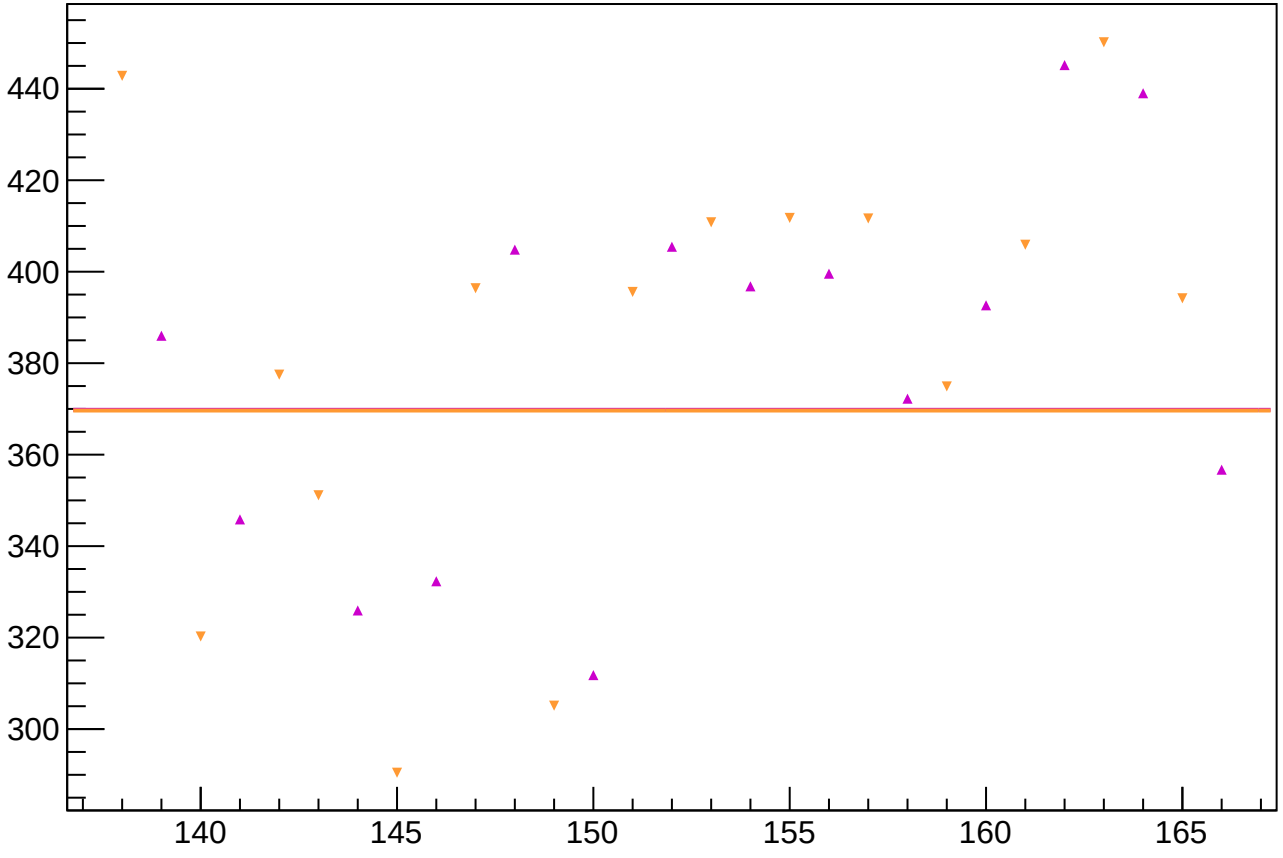
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 206.974+/-112.709 χ^2/NDF:17.2/13

Out: -458.536+/-112.020 χ^2/NDF:12.2/14

All: -127.823+/-79.453 χ^2/NDF: 46.9/28

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 369.652+/-0.079 χ^2/NDF:398120.0/14

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

Left In: 369.799+/-0.080 χ^2/NDF:242192.9/13

Left: 369.725+/-0.056 χ^2/NDF: 640314.6/28

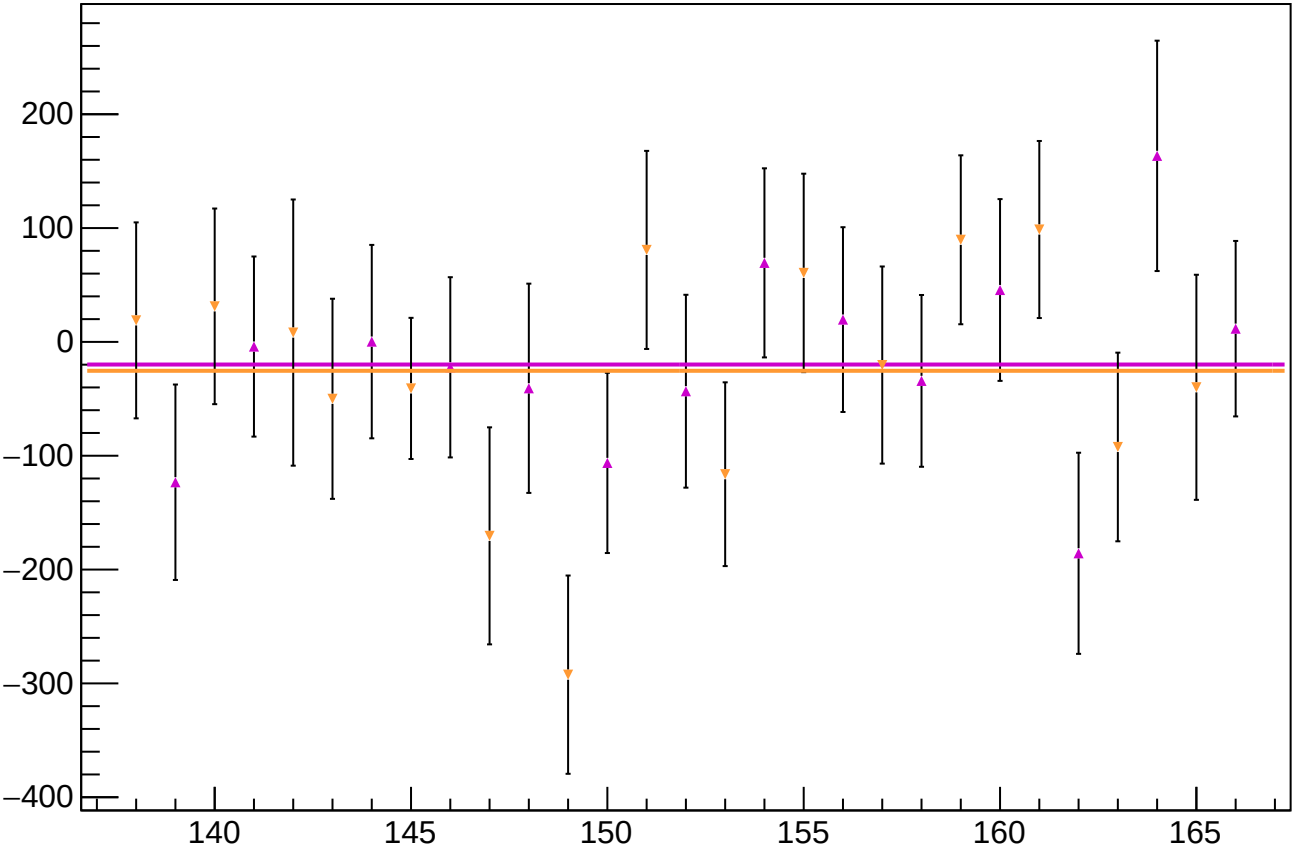
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 369.799+/-0.080 χ^2/NDF:242192.9/13

Out: 369.652+/-0.079 χ^2/NDF:398120.0/14

All: 369.725+/-0.056 χ^2/NDF: 640314.6/28

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: -25.382+/-21.716 χ^2/NDF:22.0/14

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

Left In: -19.877+/-22.172 χ^2/NDF:11.9/13

Left: -22.687+/-15.514 χ^2/NDF: 34.0/28

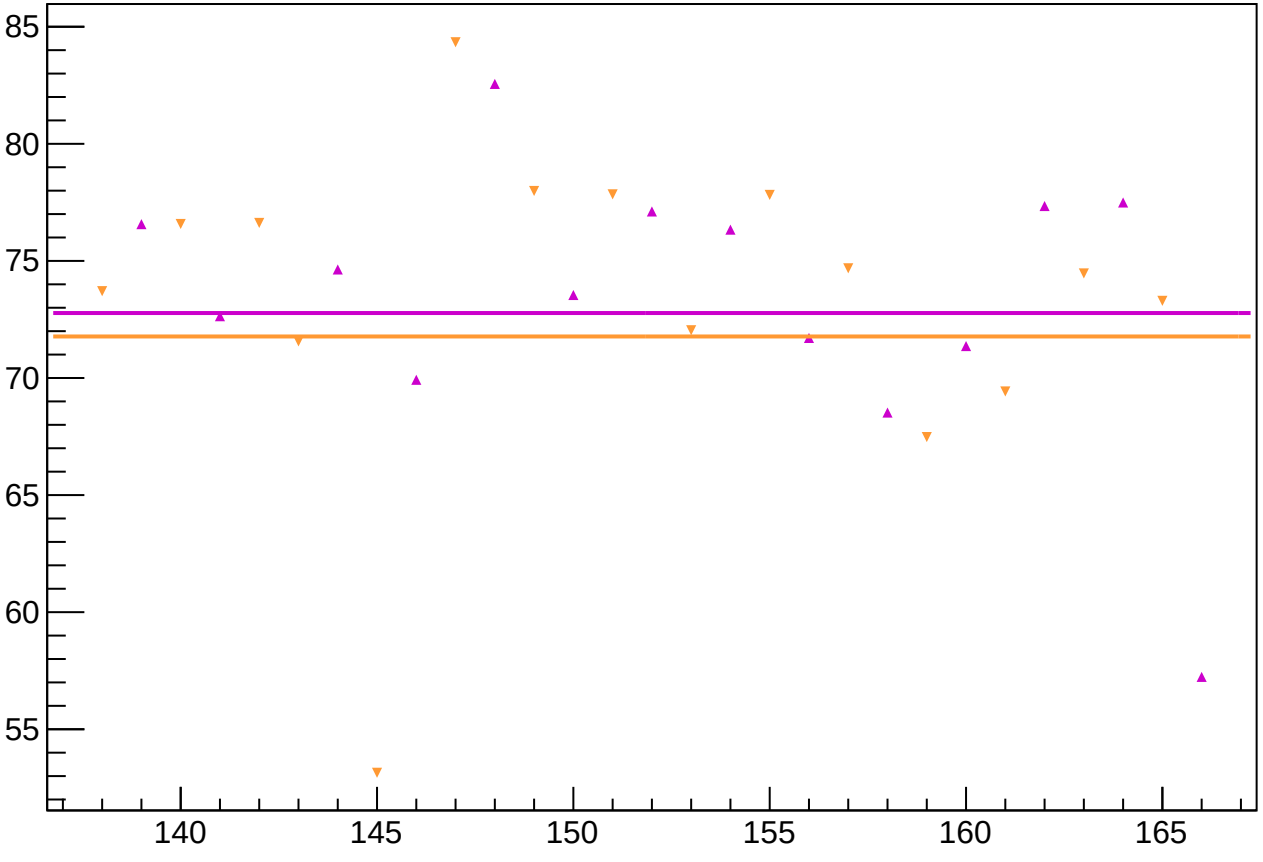
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.877+/-22.172 χ^2/NDF:11.9/13

Out: -25.382+/-21.716 χ^2/NDF:22.0/14

All: -22.687+/-15.514 χ^2/NDF: 34.0/28

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: 71.773+/-0.015 χ^2/NDF:268983.4/14

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

Left In: 72.774+/-0.016 χ^2/NDF:137539.5/13

Left: 72.263+/-0.011 χ^2/NDF: 408603.8/28

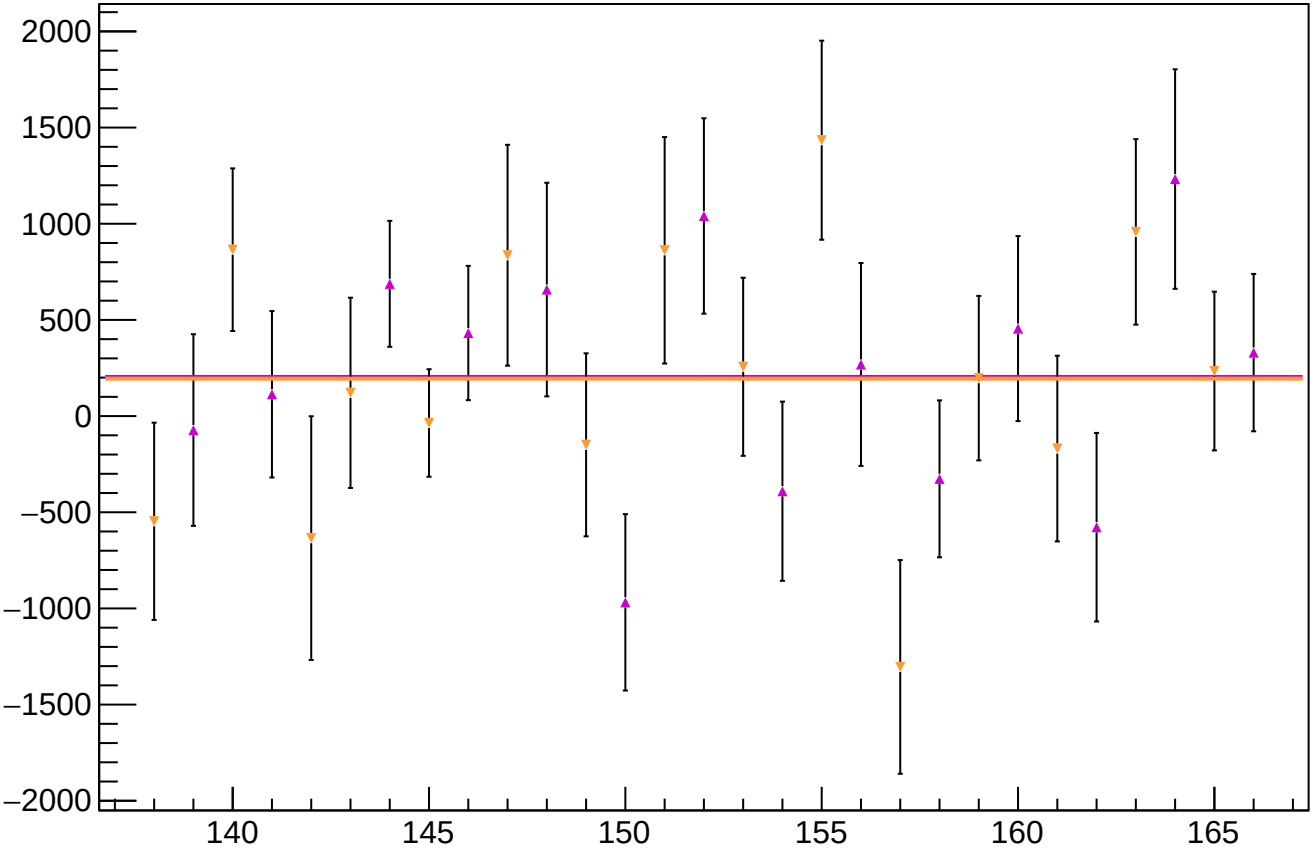
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 72.774+/-0.016 χ^2/NDF:137539.5/13

Out: 71.773+/-0.015 χ^2/NDF:268983.4/14

All: 72.263+/-0.011 χ^2/NDF: 408603.8/28

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: 194.570+/-118.938 χ^2/NDF:26.2/14

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

Left In: 203.490+/-119.085 χ^2/NDF:22.4/13

Left: 199.025+/-84.154 χ^2/NDF: 48.6/28

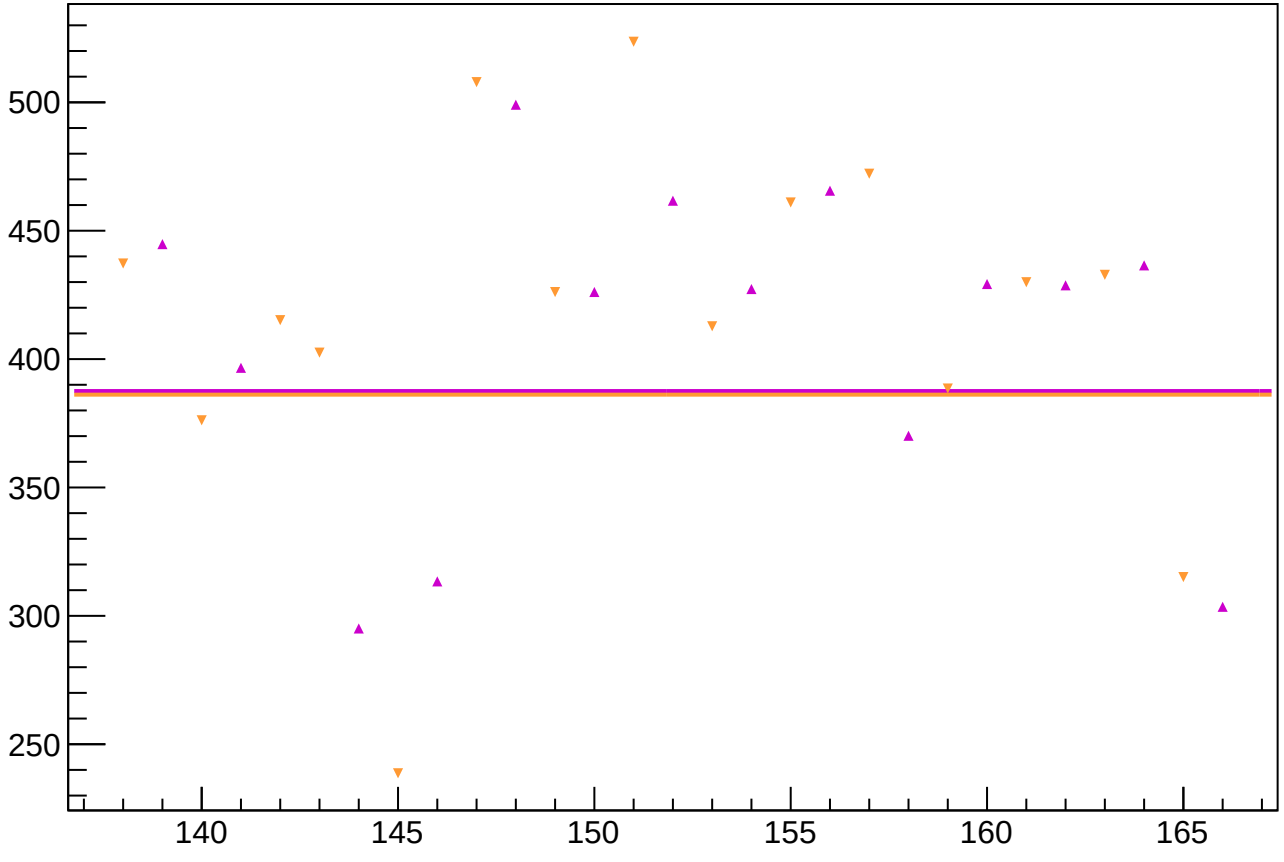
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 203.490+/-119.085 χ^2/NDF:22.4/13

Out: 194.570+/-118.938 χ^2/NDF:26.2/14

All: 199.025+/-84.154 χ^2/NDF: 48.6/28

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 386.153+/-0.084 χ^2/NDF:987992.2/14

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

Left In: 387.559+/-0.084 χ^2/NDF:604445.8/13

Left: 386.855+/-0.060 χ^2/NDF: 1592577.5/28

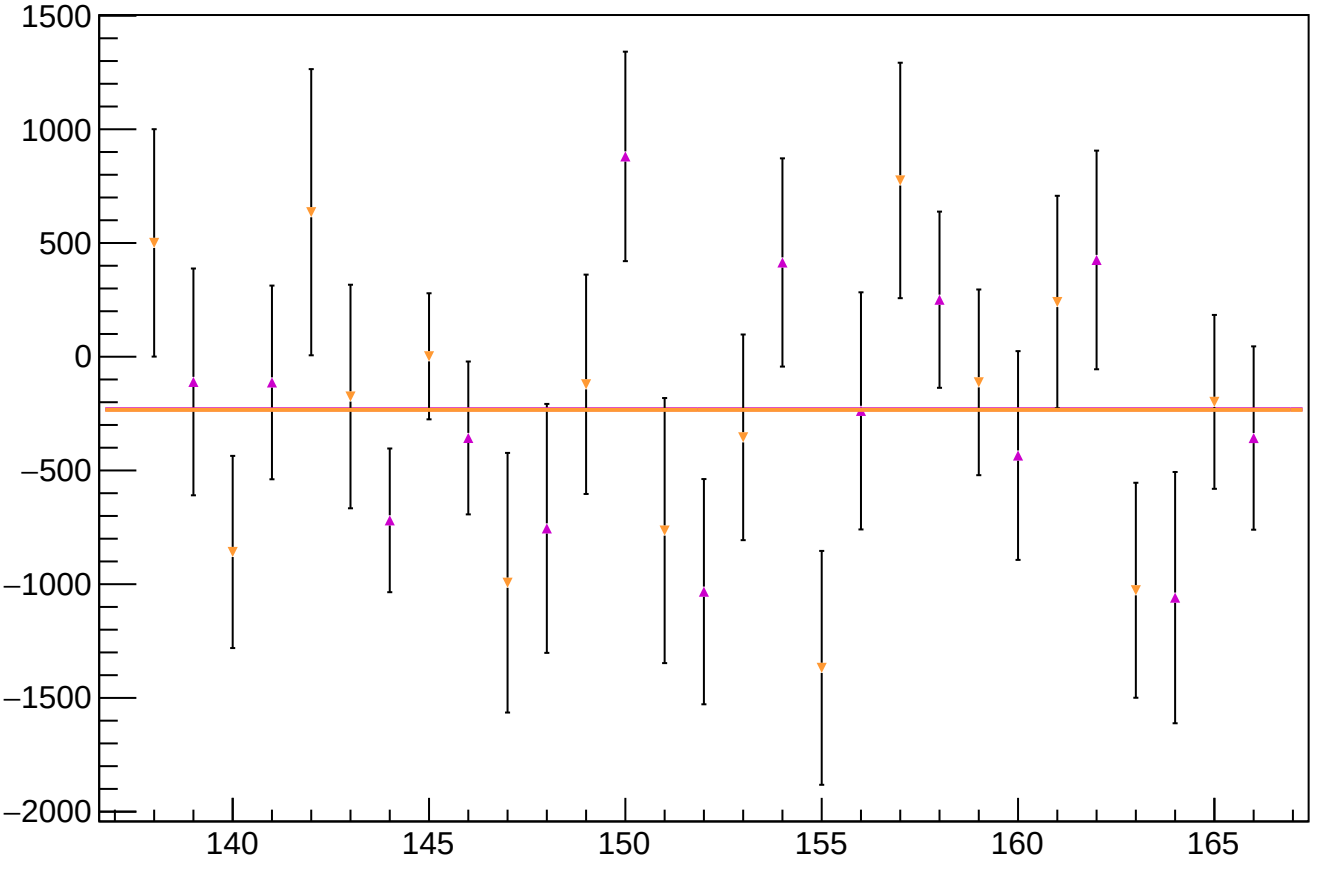
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 387.559+/-0.084 χ^2/NDF:604445.8/13

Out: 386.153+/-0.084 χ^2/NDF:987992.2/14

All: 386.855+/-0.060 χ^2/NDF: 1592577.5/28

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -233.573+/-116.303 χ^2/NDF:22.3/14

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

Left In: -231.057+/-116.104 χ^2/NDF:20.0/13

Left: -232.313+/-82.168 χ^2/NDF: 42.3/28

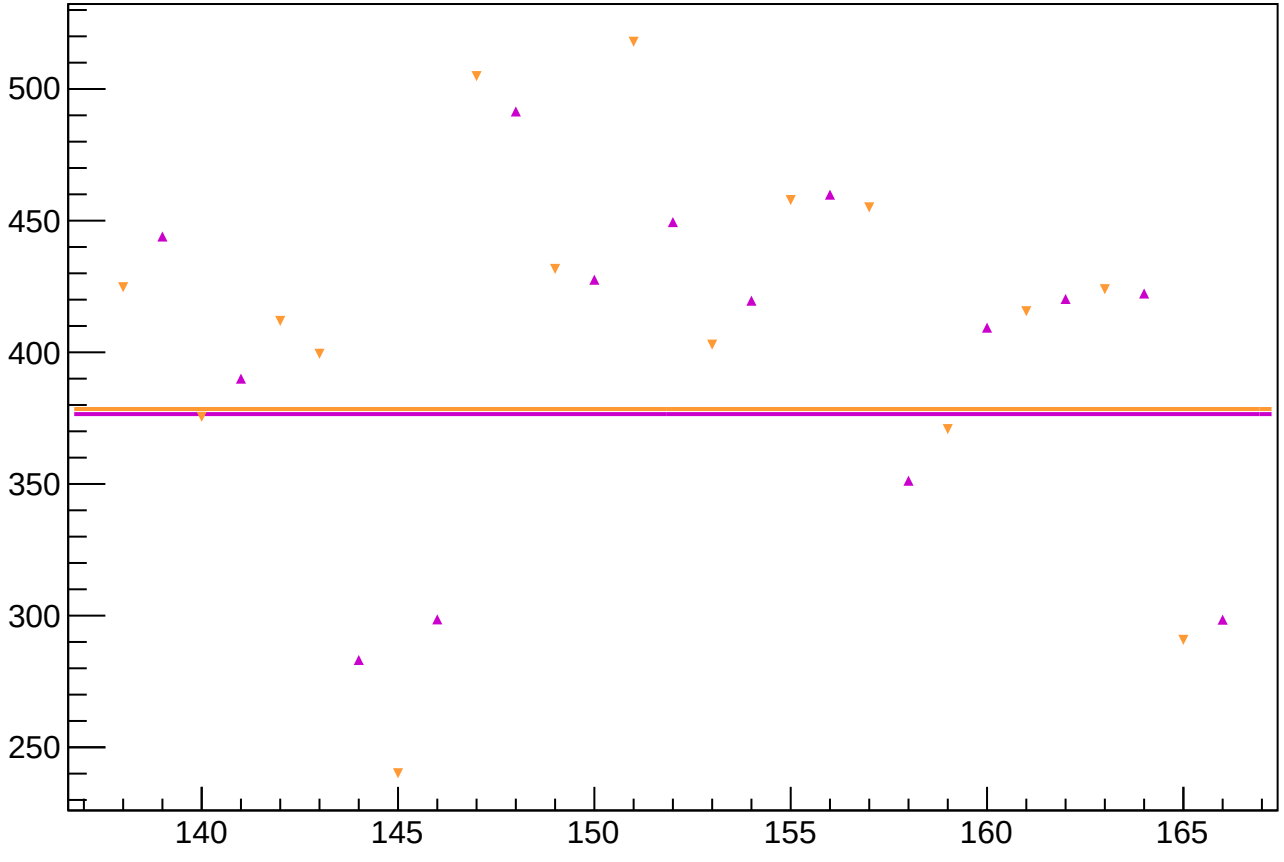
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -231.057+/-116.104 χ^2/NDF:20.0/13

Out: -233.573+/-116.303 χ^2/NDF:22.3/14

All: -232.313+/-82.168 χ^2/NDF: 42.3/28

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 378.469+/-0.082 χ^2/NDF:996358.2/14

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

Left In: 376.537+/-0.082 χ^2/NDF:670142.0/13

Left: 377.501+/-0.058 χ^2/NDF: 1666776.9/28

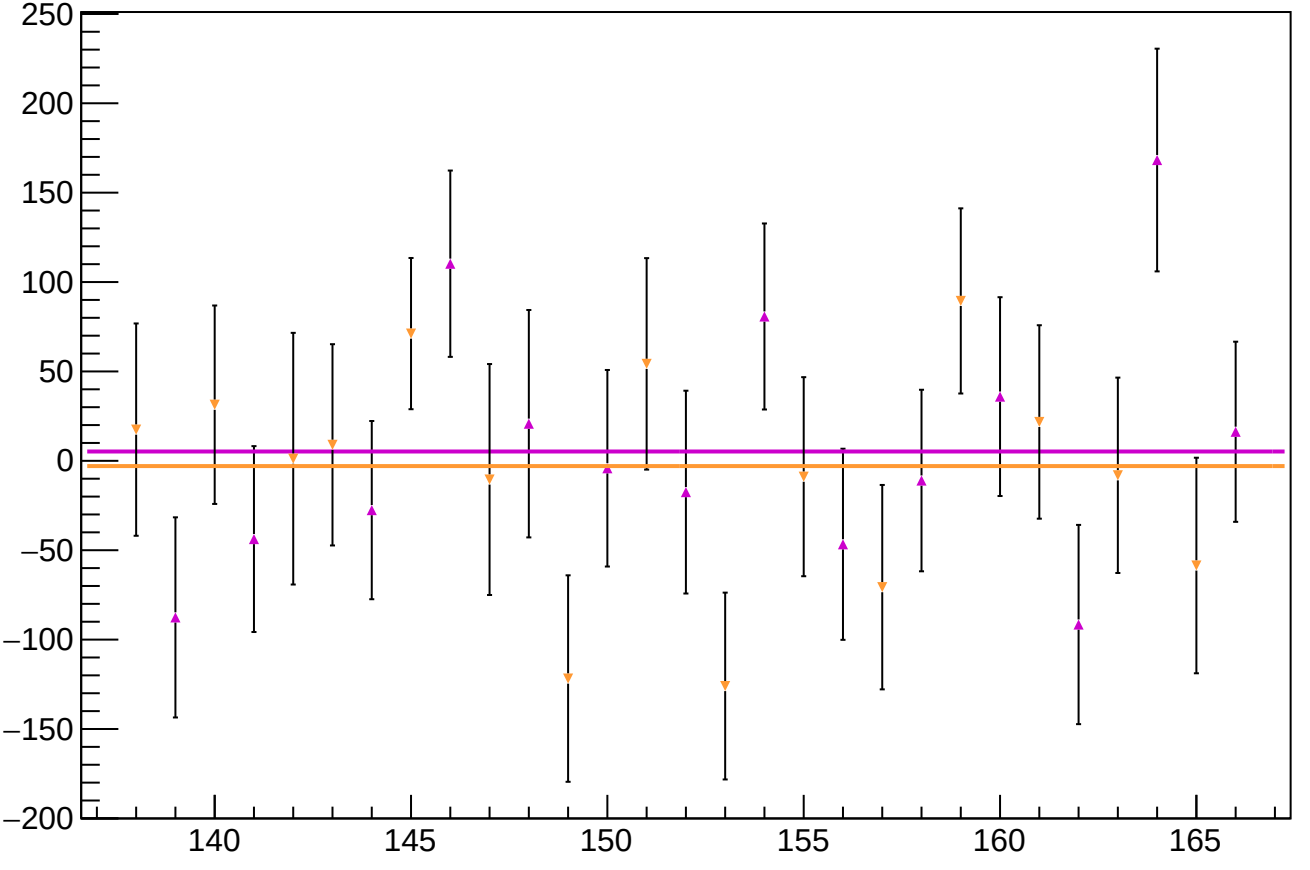
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 376.537+/-0.082 χ^2/NDF:670142.0/13

Out: 378.469+/-0.082 χ^2/NDF:996358.2/14

All: 377.501+/-0.058 χ^2/NDF: 1666776.9/28

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: -2.938+/-14.389 χ^2/NDF:20.0/14

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

Left In: 5.218+/-14.504 χ^2/NDF:21.8/13

Left: 1.108+/-10.215 χ^2/NDF: 41.9/28

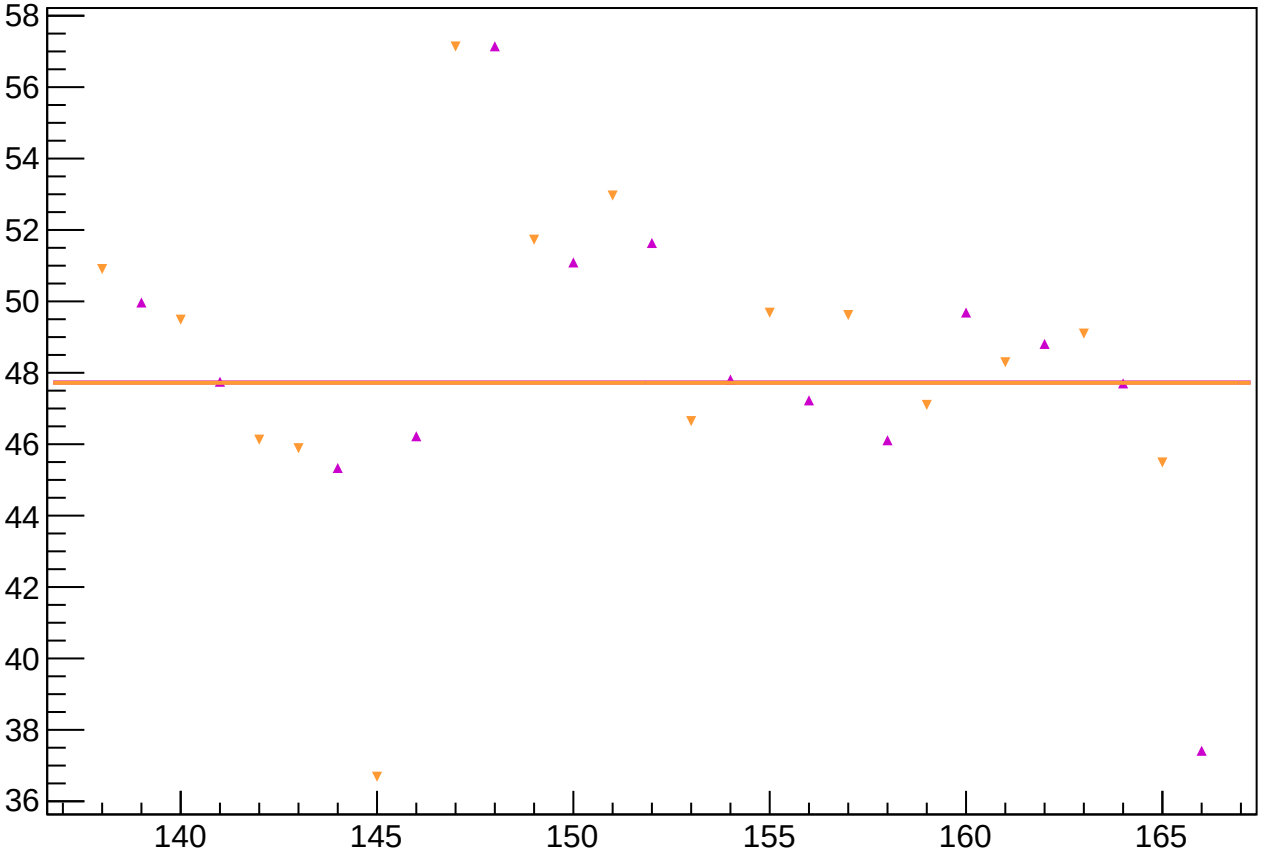
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.218+/-14.504 χ^2/NDF:21.8/13

Out: -2.938+/-14.389 χ^2/NDF:20.0/14

All: 1.108+/-10.215 χ^2/NDF: 41.9/28

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 47.720+/-0.010 χ^2/NDF:224945.9/14

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

Left In: 47.729+/-0.010 χ^2/NDF:159554.7/13

Left: 47.724+/-0.007 χ^2/NDF: 384500.9/28

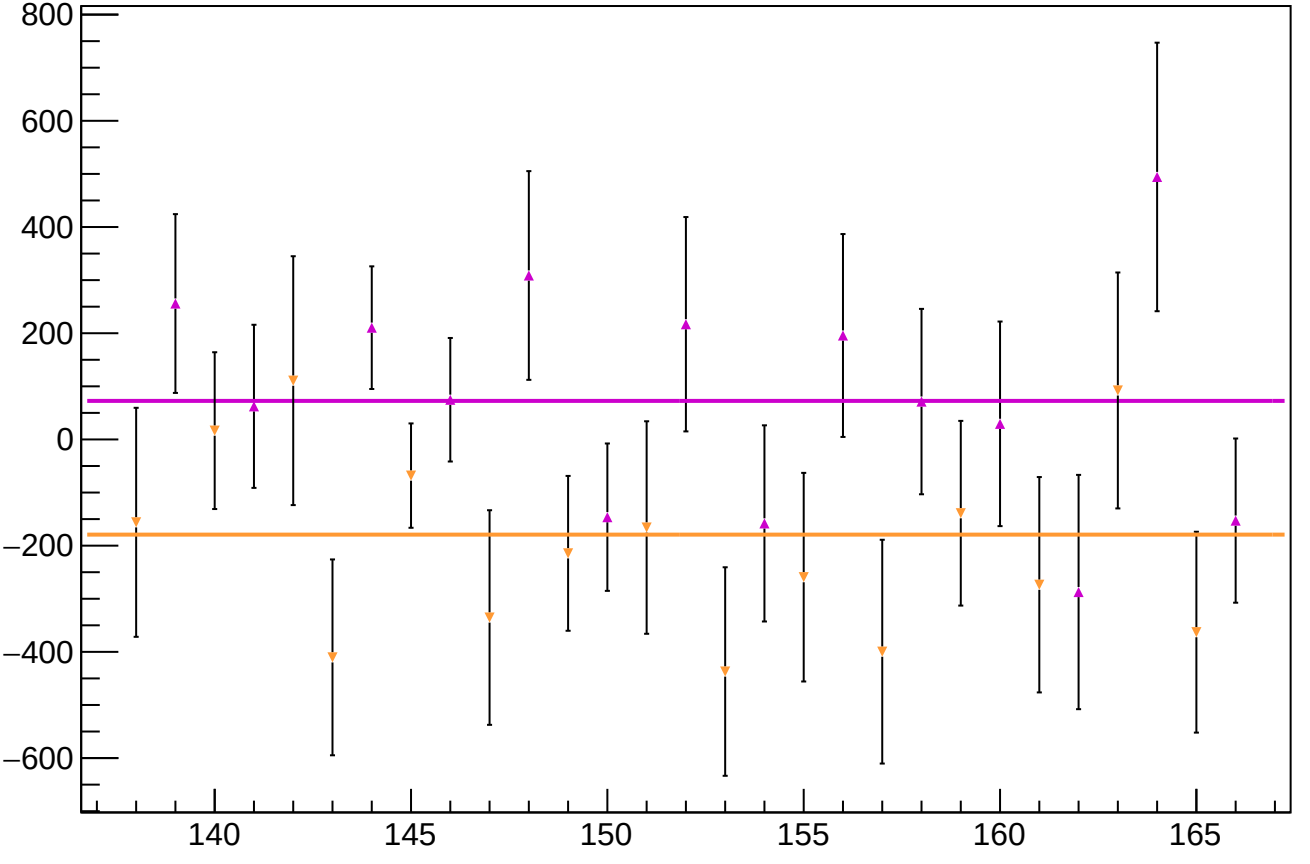
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 47.729+/-0.010 χ^2/NDF:159554.7/13

Out: 47.720+/-0.010 χ^2/NDF:224945.9/14

All: 47.724+/-0.007 χ^2/NDF: 384500.9/28

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: -179.225+/-44.941 χ^2/NDF:12.5/14

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

Left In: 72.582+/-43.706 χ^2/NDF:16.7/13

Left: -49.814+/-31.333 χ^2/NDF: 45.3/28

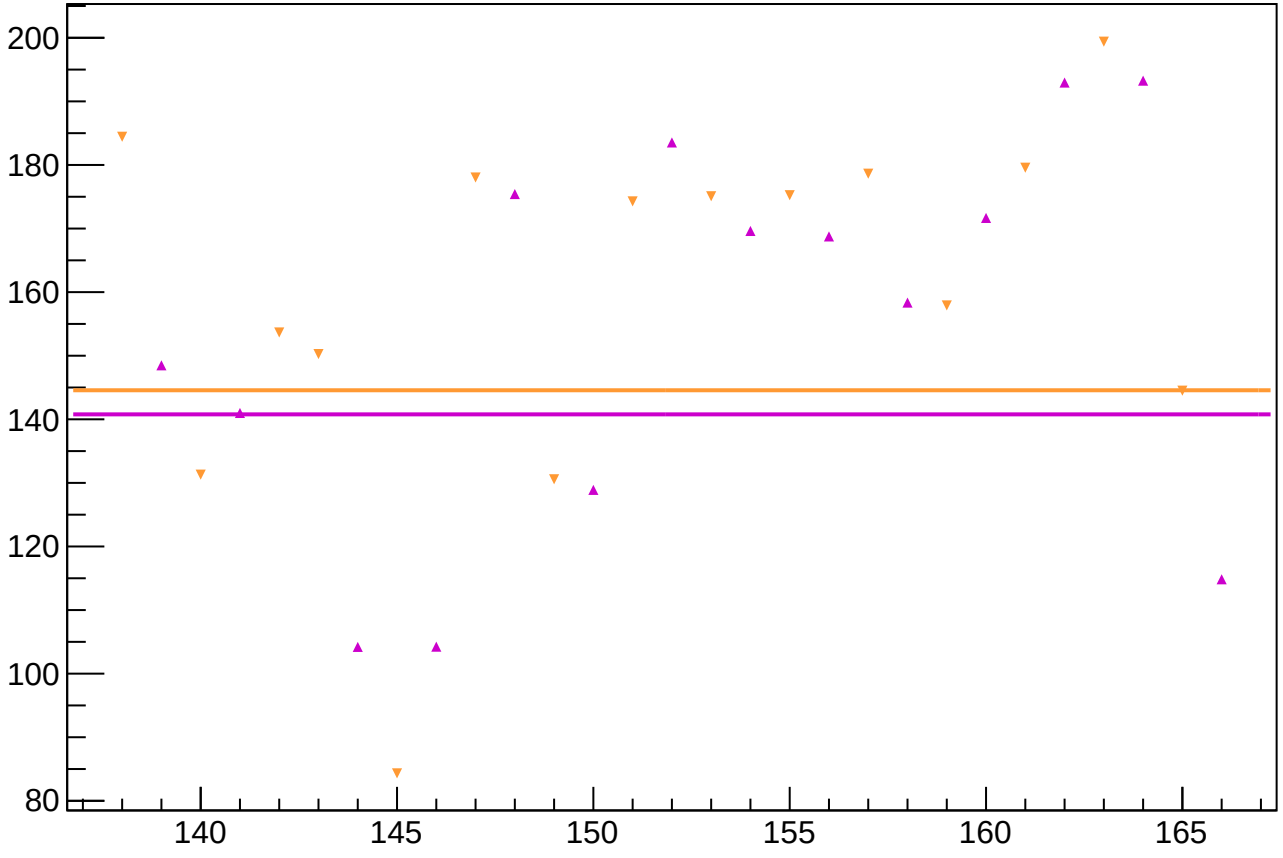
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 72.582+/-43.706 χ^2/NDF:16.7/13

Out: -179.225+/-44.941 χ^2/NDF:12.5/14

All: -49.814+/-31.333 χ^2/NDF: 45.3/28

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: 144.567+/-0.032 χ^2/NDF:1301287.1/14

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

Left In: 140.777+/-0.031 χ^2/NDF:986485.8/13

Left: 142.619+/-0.022 χ^2/NDF: 2295081.6/28

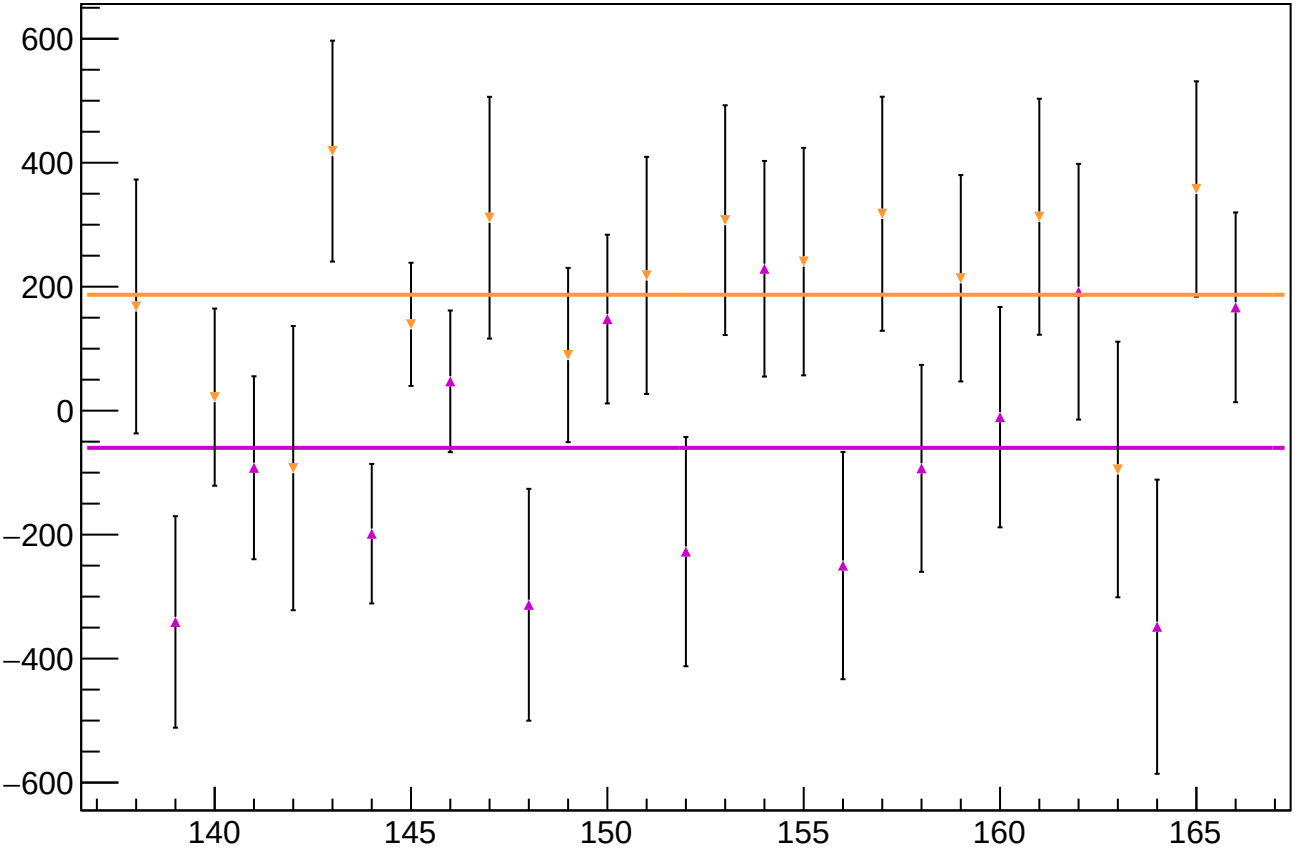
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 140.777+/-0.031 χ^2/NDF:986485.8/13

Out: 144.567+/-0.032 χ^2/NDF:1301287.1/14

All: 142.619+/-0.022 χ^2/NDF: 2295081.6/28

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 187.028+/-43.188 χ^2/NDF:9.9/14

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

Left In: -59.981+/-42.186 χ^2/NDF:19.2/13

Left: 60.626+/-30.178 χ^2/NDF: 45.9/28

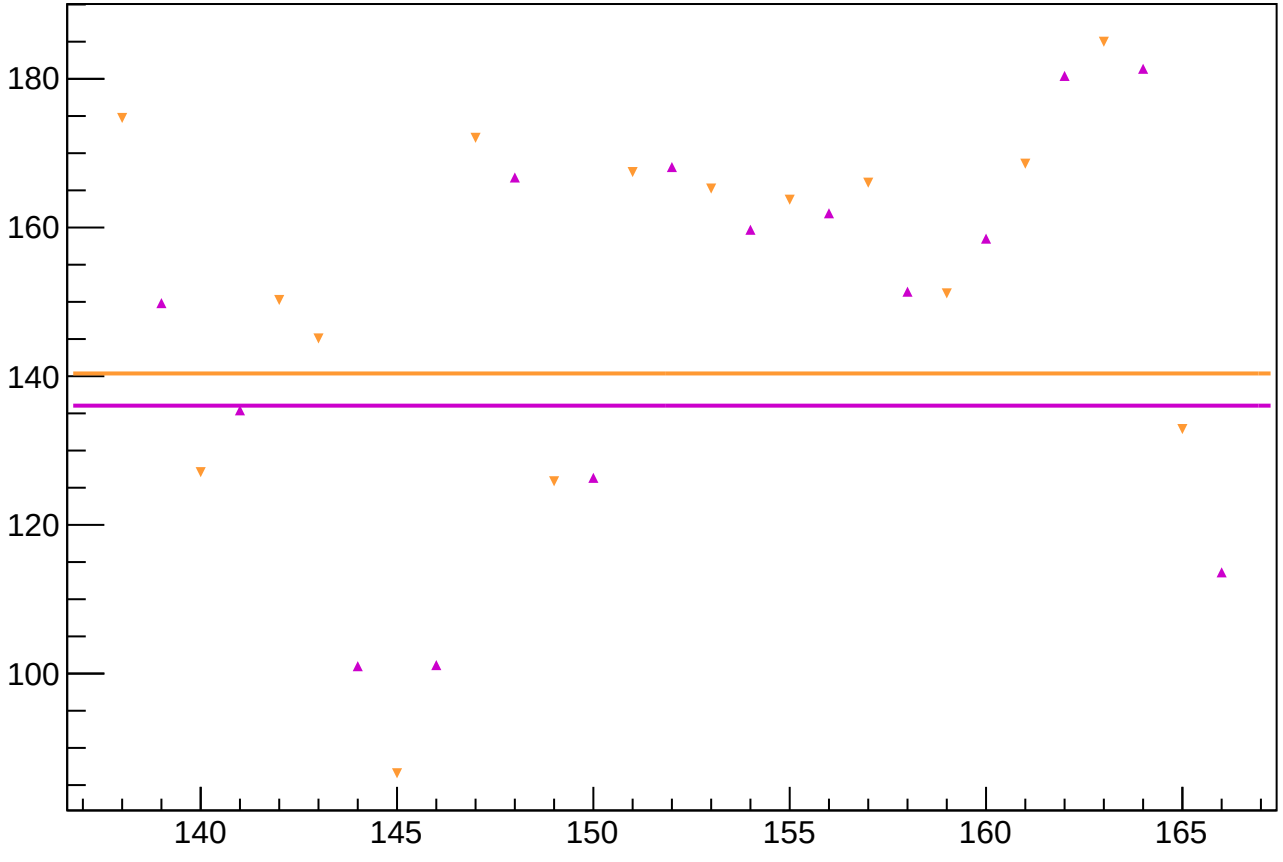
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -59.981+/-42.186 χ^2/NDF:19.2/13

Out: 187.028+/-43.188 χ^2/NDF:9.9/14

All: 60.626+/-30.178 χ^2/NDF: 45.9/28

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 140.370+/-0.031 χ^2/NDF:1034416.8/14

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

Left In: 136.040+/-0.030 χ^2/NDF:851933.2/13

Left: 138.155+/-0.021 χ^2/NDF: 1896637.3/28

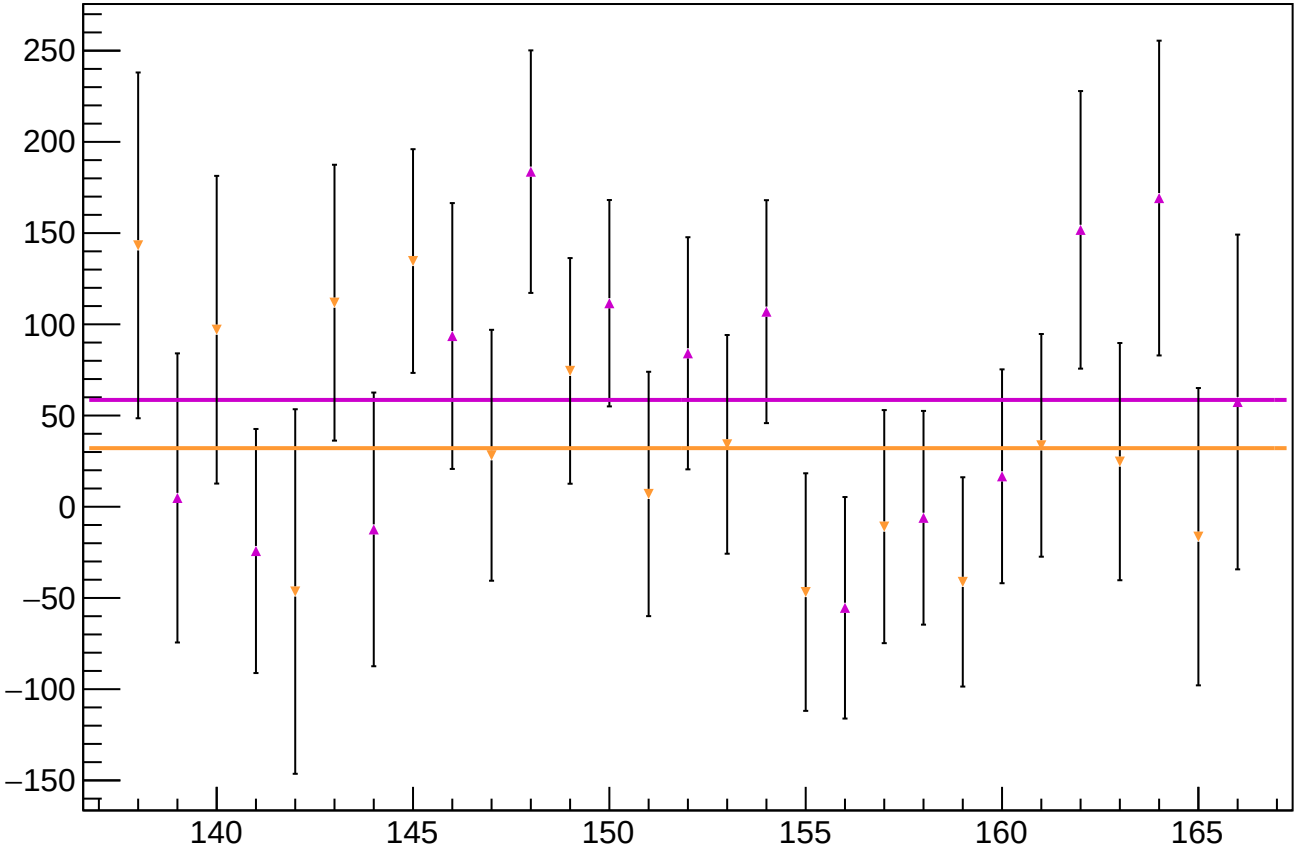
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 136.040+/-0.030 χ^2/NDF:851933.2/13

Out: 140.370+/-0.031 χ^2/NDF:1034416.8/14

All: 138.155+/-0.021 χ^2/NDF: 1896637.3/28

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 32.124+/-17.657 χ^2/NDF:11.0/14

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

Left In: 58.556+/-18.012 χ^2/NDF:16.7/13

Left: 45.077+/-12.609 χ^2/NDF: 28.9/28

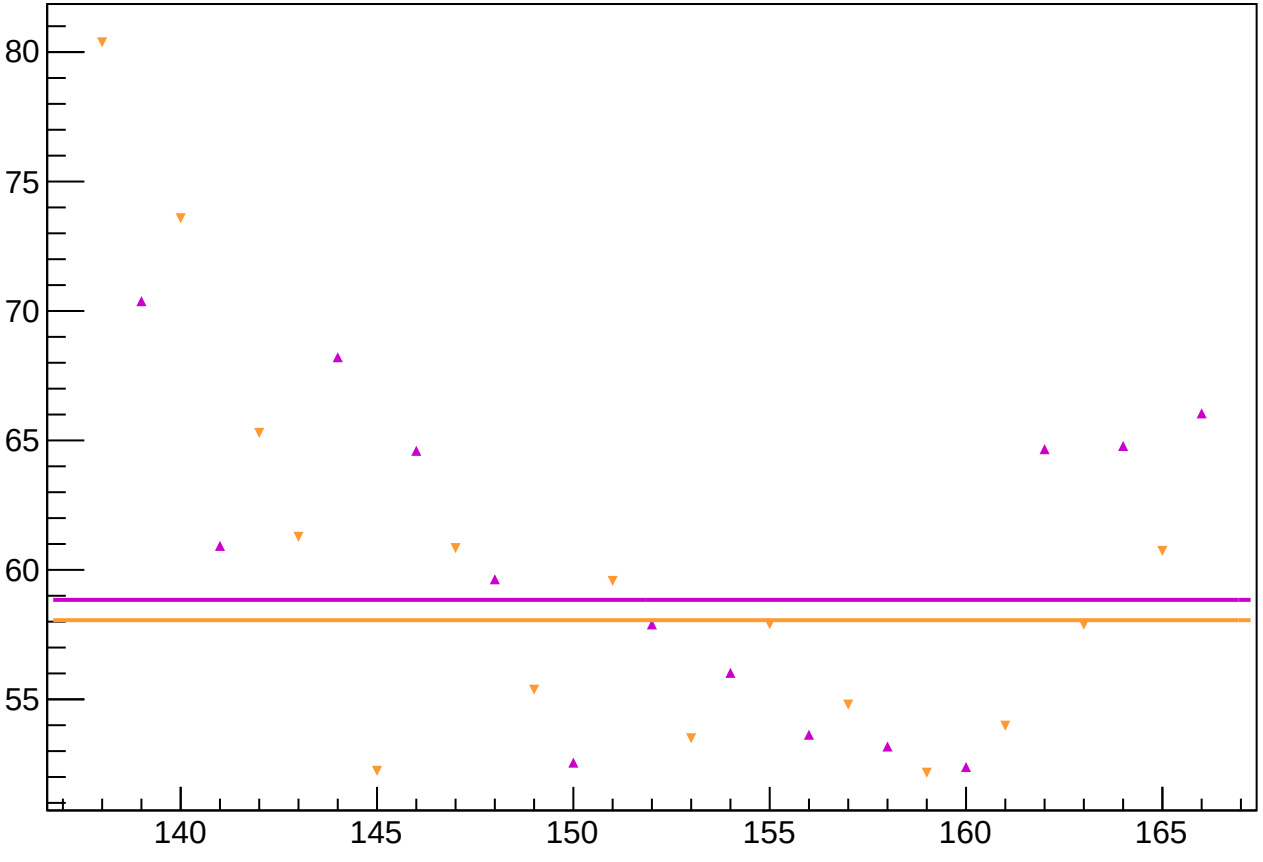
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.556+/-18.012 χ^2/NDF:16.7/13

Out: 32.124+/-17.657 χ^2/NDF:11.0/14

All: 45.077+/-12.609 χ^2/NDF: 28.9/28

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 58.057+/-0.012 χ^2/NDF:267887.0/14

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

Left In: 58.841+/-0.013 χ^2/NDF:208958.2/13

Left: 58.442+/-0.009 χ^2/NDF: 478778.1/28

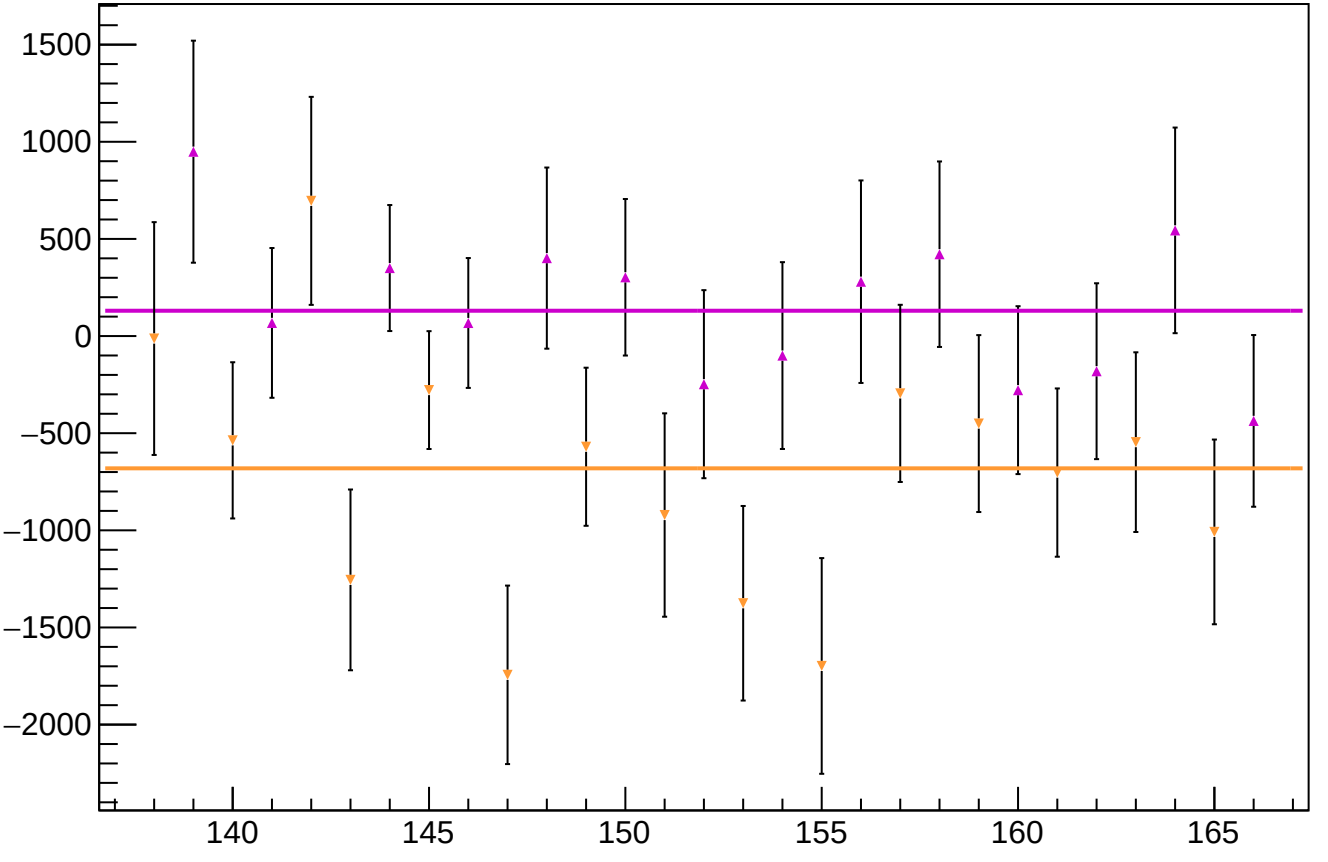
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 58.841+/-0.013 χ^2/NDF:208958.2/13

Out: 58.057+/-0.012 χ^2/NDF:267887.0/14

All: 58.442+/-0.009 χ^2/NDF: 478778.1/28

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -680.892+/-116.505 χ^2/NDF:23.7/14

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

Left In: 130.312+/-115.778 χ^2/NDF:8.0/13

Left: -272.749+/-82.123 χ^2/NDF: 56.1/28

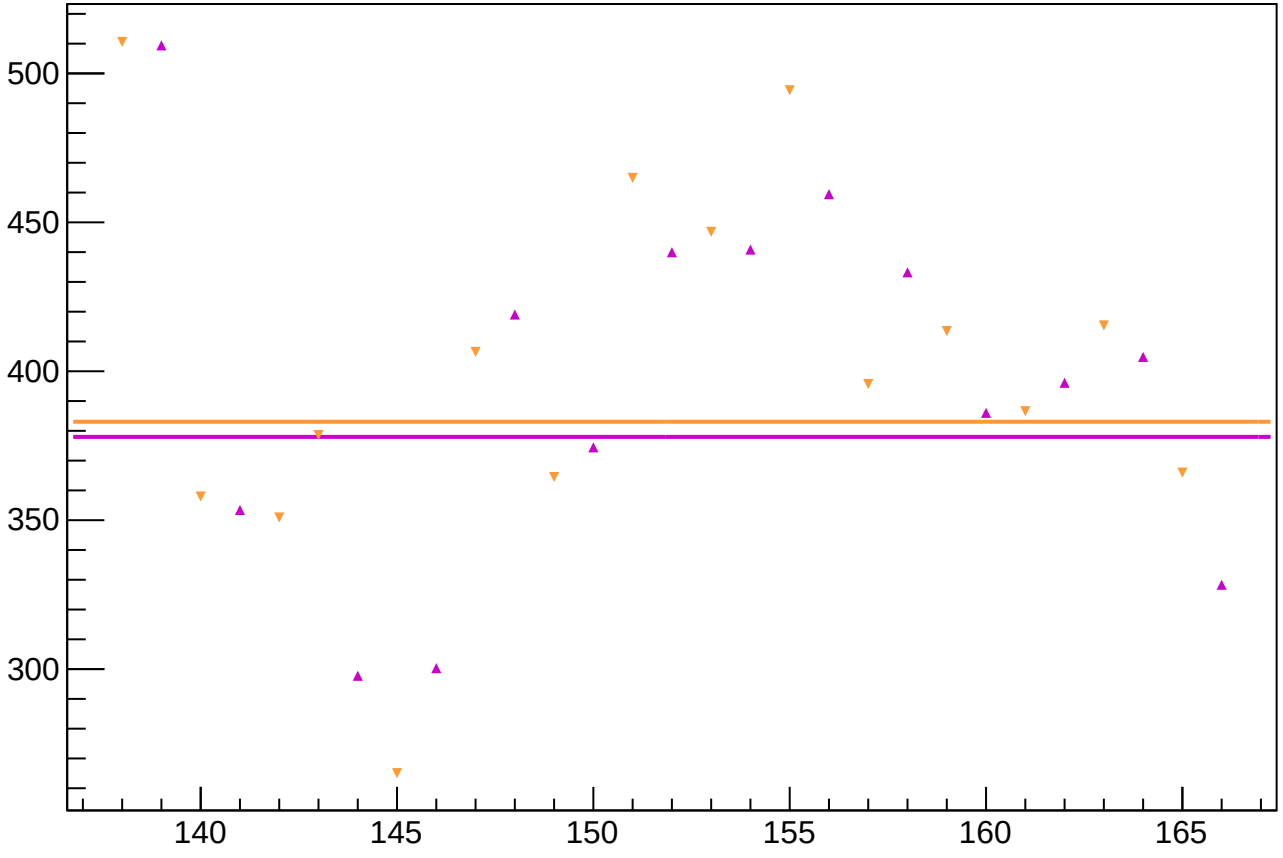
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 130.312+/-115.778 χ^2/NDF:8.0/13

Out: -680.892+/-116.505 χ^2/NDF:23.7/14

All: -272.749+/-82.123 χ^2/NDF: 56.1/28

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 383.047+/-0.082 χ^2/NDF:602534.6/14

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

Left In: 377.966+/-0.082 χ^2/NDF:536895.1/13

Left: 380.491+/-0.058 χ^2/NDF: 1141343.5/28

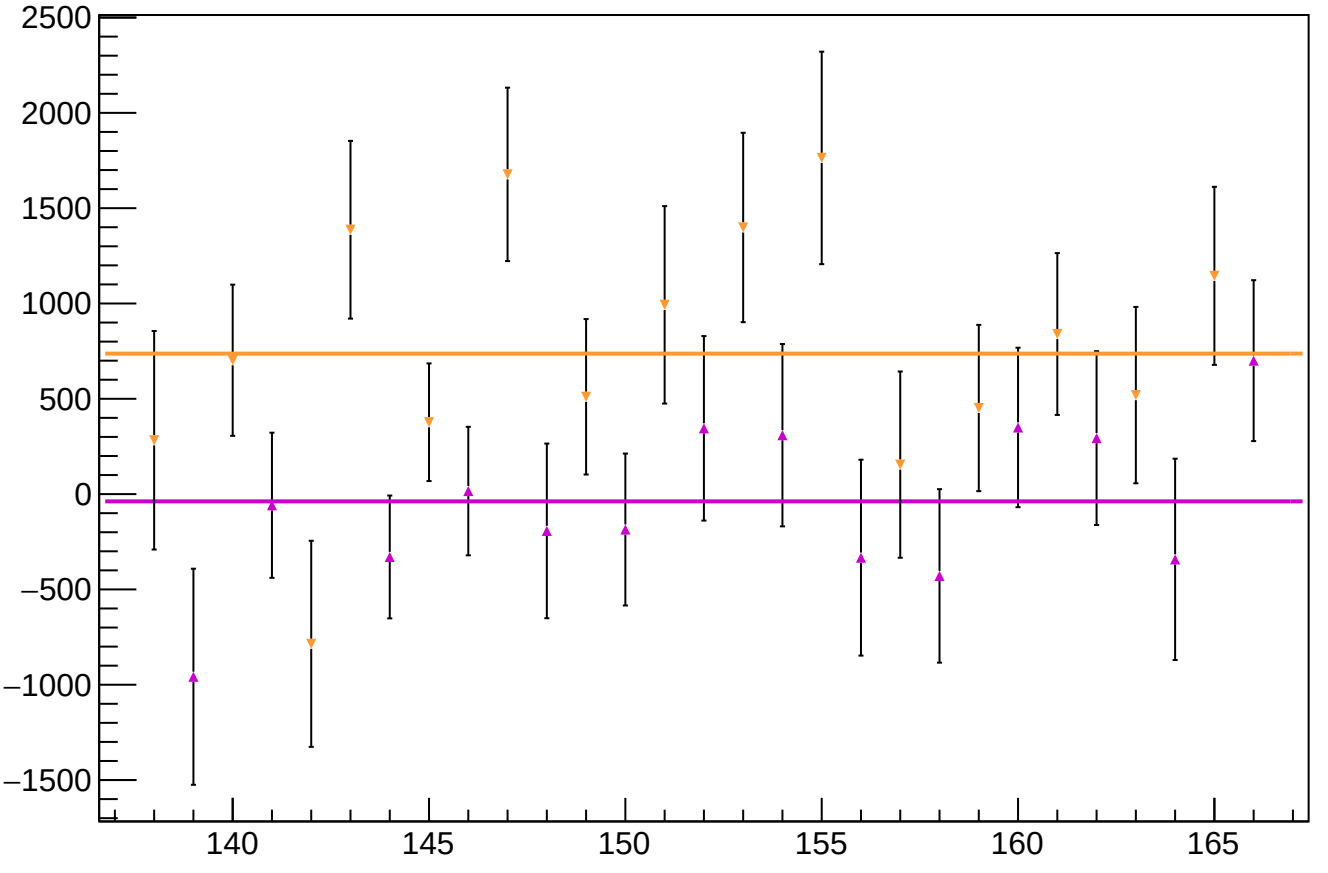
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 377.966+/-0.082 χ^2/NDF:536895.1/13

Out: 383.047+/-0.082 χ^2/NDF:602534.6/14

All: 380.491+/-0.058 χ^2/NDF: 1141343.5/28

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 737.032+/-116.223 χ^2/NDF:24.8/14

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

Left In: -38.016+/-114.333 χ^2/NDF:10.7/13

Left: 343.154+/-81.506 χ^2/NDF: 58.1/28

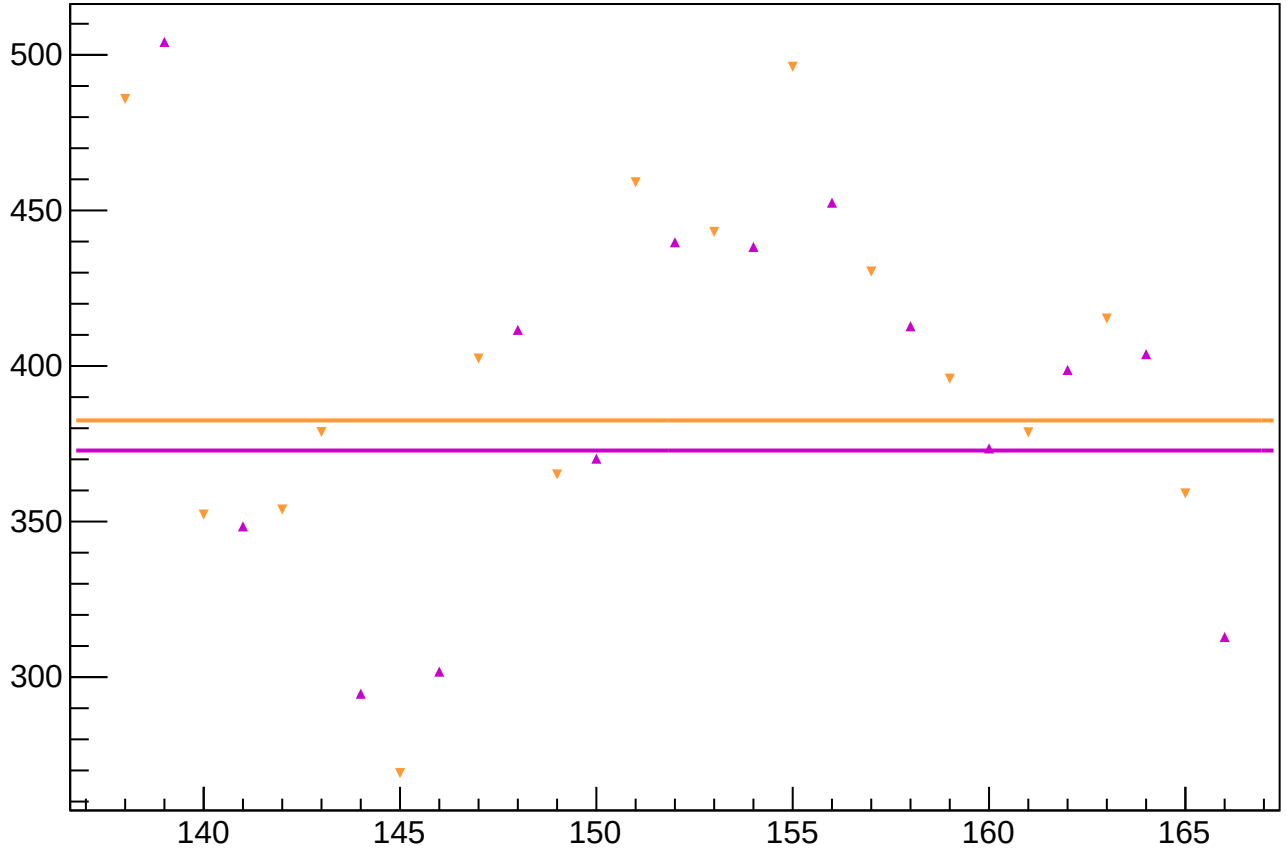
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.016+/-114.333 χ^2/NDF:10.7/13

Out: 737.032+/-116.223 χ^2/NDF:24.8/14

All: 343.154+/-81.506 χ^2/NDF: 58.1/28

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 382.508+/-0.082 χ^2/NDF:552722.4/14

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

Left In: 372.834+/-0.081 χ^2/NDF:529584.9/13

Left: 377.592+/-0.058 χ^2/NDF: 1089349.7/28

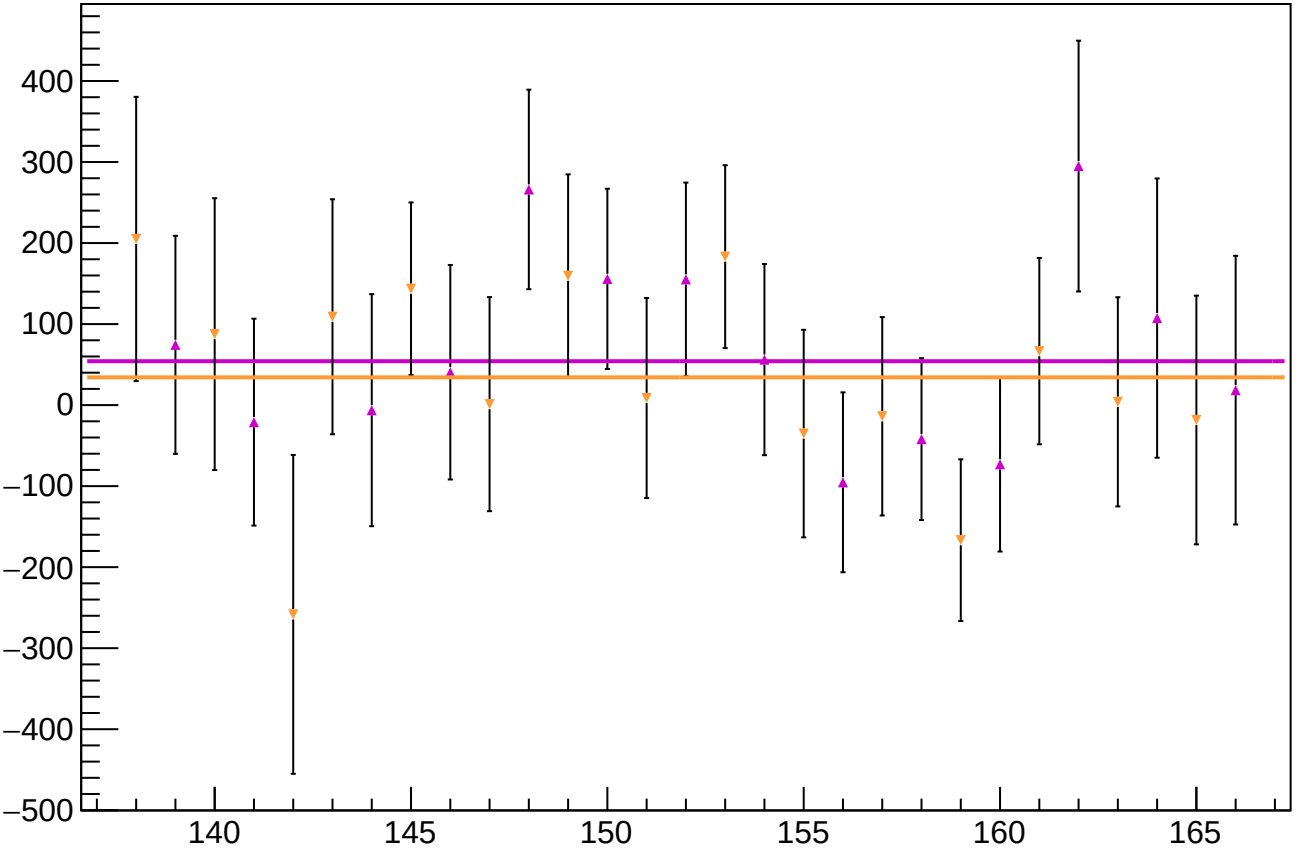
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 372.834+/-0.081 χ^2/NDF:529584.9/13

Out: 382.508+/-0.082 χ^2/NDF:552722.4/14

All: 377.592+/-0.058 χ^2/NDF: 1089349.7/28

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 34.227+/-33.317 χ^2/NDF:12.2/14

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

Left In: 54.188+/-33.507 χ^2/NDF:11.8/13

Left: 44.151+/-23.626 χ^2/NDF: 24.1/28

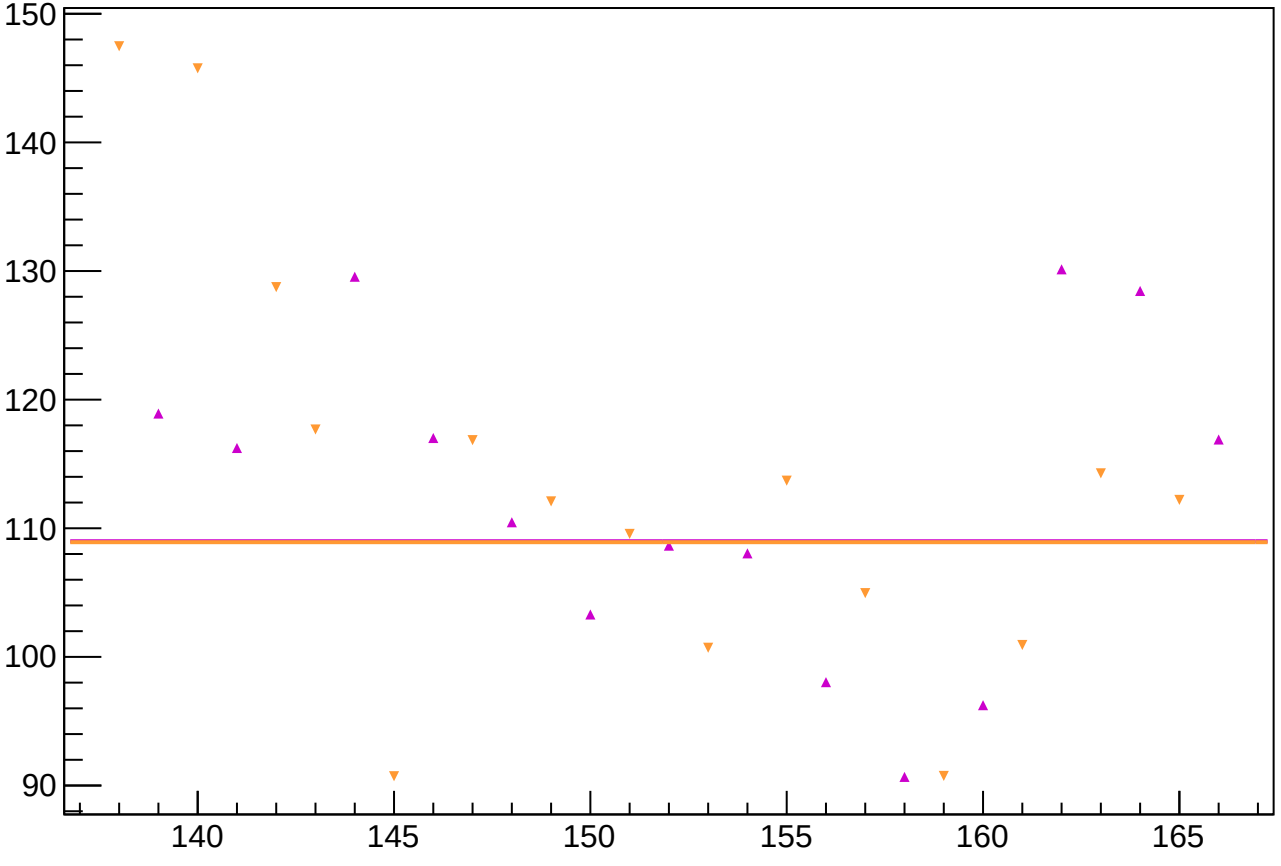
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 54.188+/-33.507 χ^2/NDF:11.8/13

Out: 34.227+/-33.317 χ^2/NDF:12.2/14

All: 44.151+/-23.626 χ^2/NDF: 24.1/28

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 108.919+/-0.024 χ^2/NDF:383390.5/14

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

Left In: 108.992+/-0.024 χ^2/NDF:253797.5/13

Left: 108.955+/-0.017 χ^2/NDF: 637192.8/28

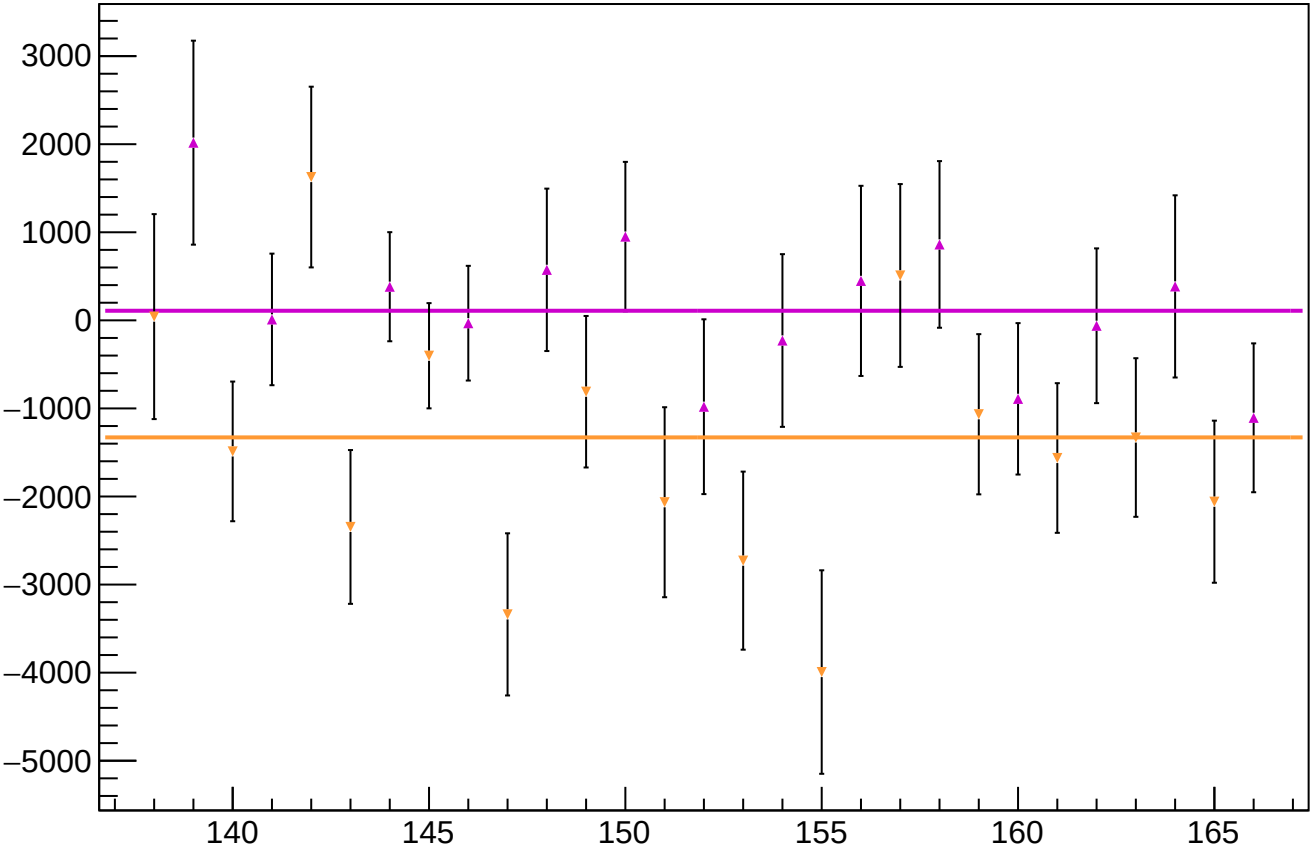
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 108.992+/-0.024 χ^2/NDF:253797.5/13

Out: 108.919+/-0.024 χ^2/NDF:383390.5/14

All: 108.955+/-0.017 χ^2/NDF: 637192.8/28

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1328.976+/-232.820 χ^2/NDF:30.3/14

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

Left In: 108.834+/-228.908 χ^2/NDF:9.8/13

Left: -597.889+/-163.228 χ^2/NDF: 59.4/28

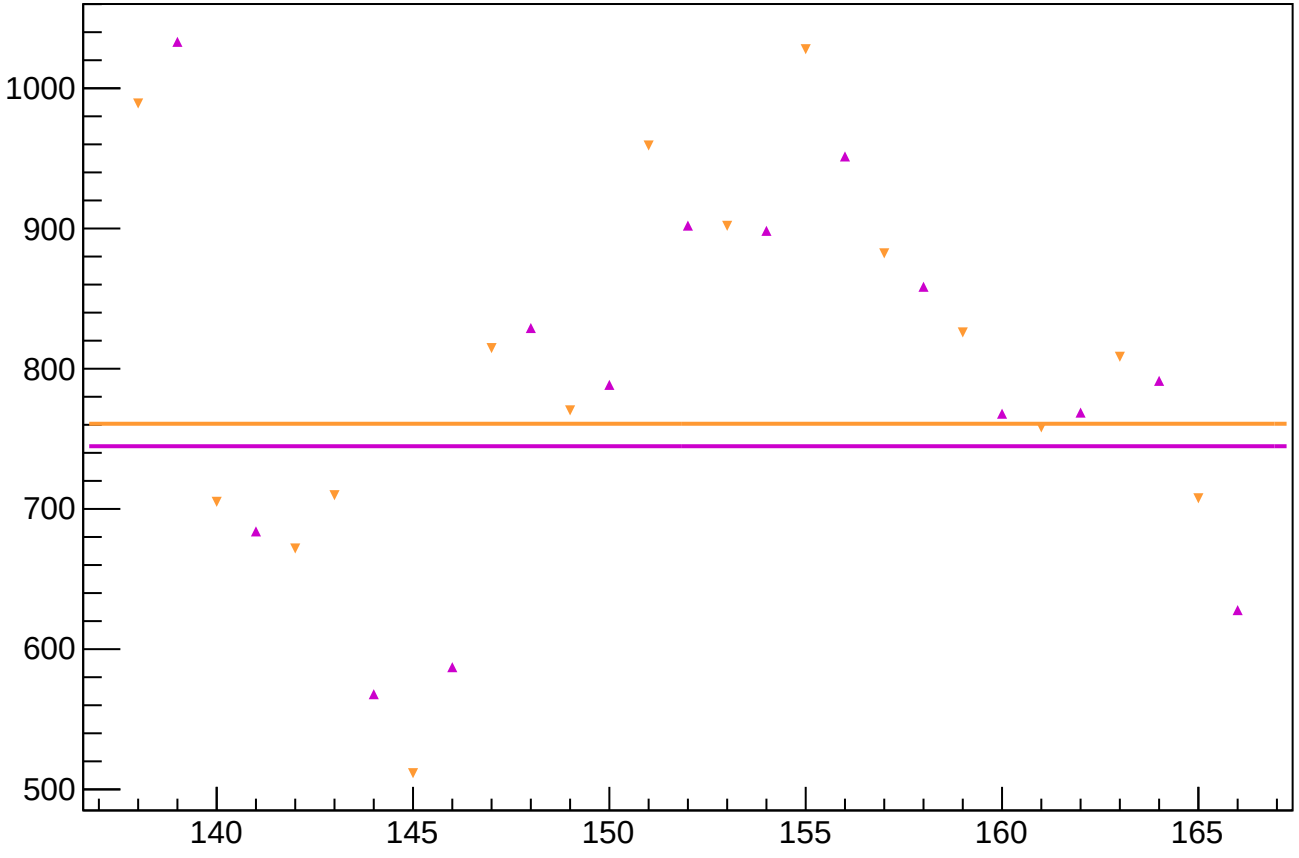
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 108.834+/-228.908 χ^2/NDF:9.8/13

Out: -1328.976+/-232.820 χ^2/NDF:30.3/14

All: -597.889+/-163.228 χ^2/NDF: 59.4/28

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 760.753+/-0.165 χ^2/NDF:727489.6/14

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

Left In: 744.728+/-0.162 χ^2/NDF:686320.8/13

Left: 752.605+/-0.115 χ^2/NDF: 1418628.5/28

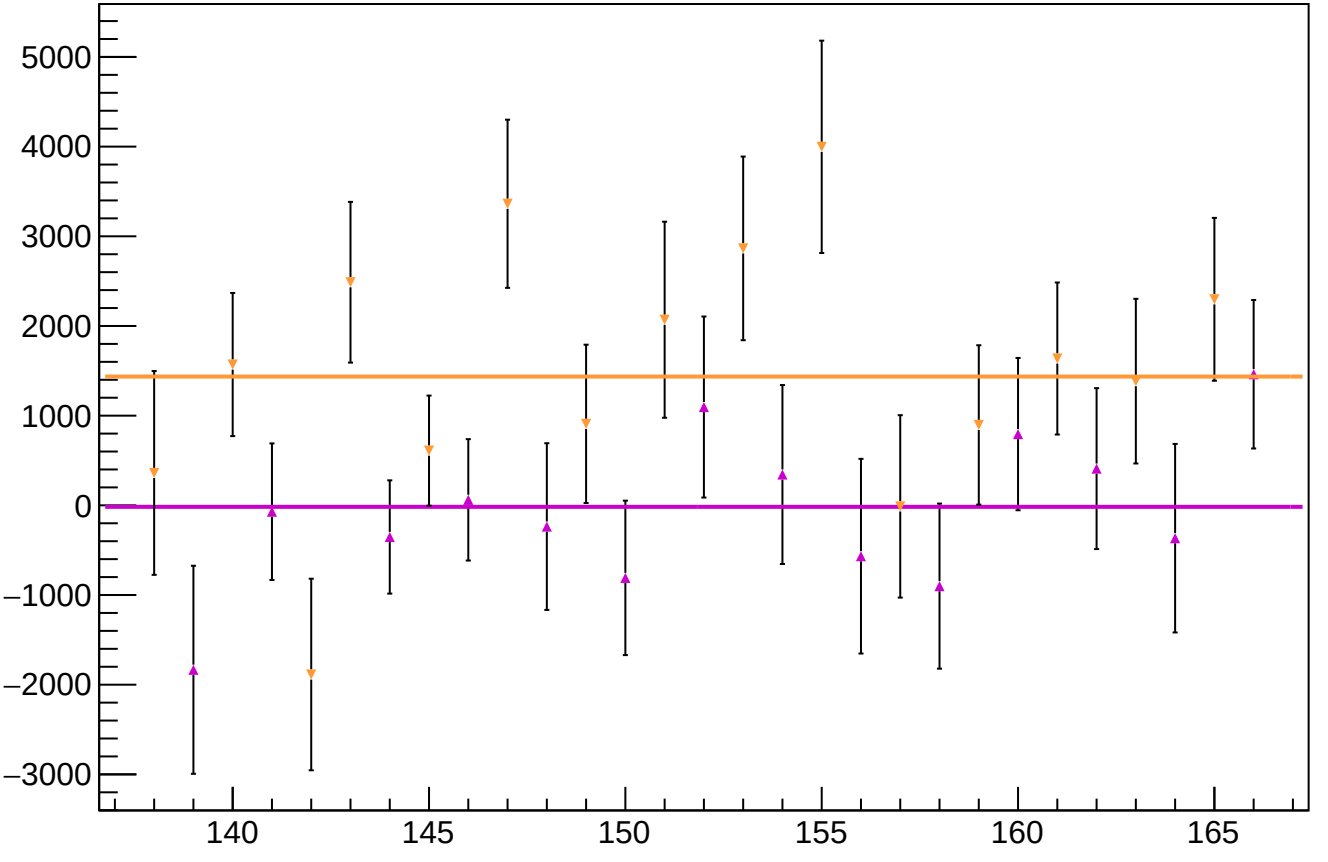
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 744.728+/-0.162 χ^2/NDF:686320.8/13

Out: 760.753+/-0.165 χ^2/NDF:727489.6/14

All: 752.605+/-0.115 χ^2/NDF: 1418628.5/28

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 1435.994+/-235.228 χ^2/NDF:28.7/14

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

Left In: -16.782+/-231.415 χ^2/NDF:10.6/13

Left: 697.736+/-164.966 χ^2/NDF: 58.7/28

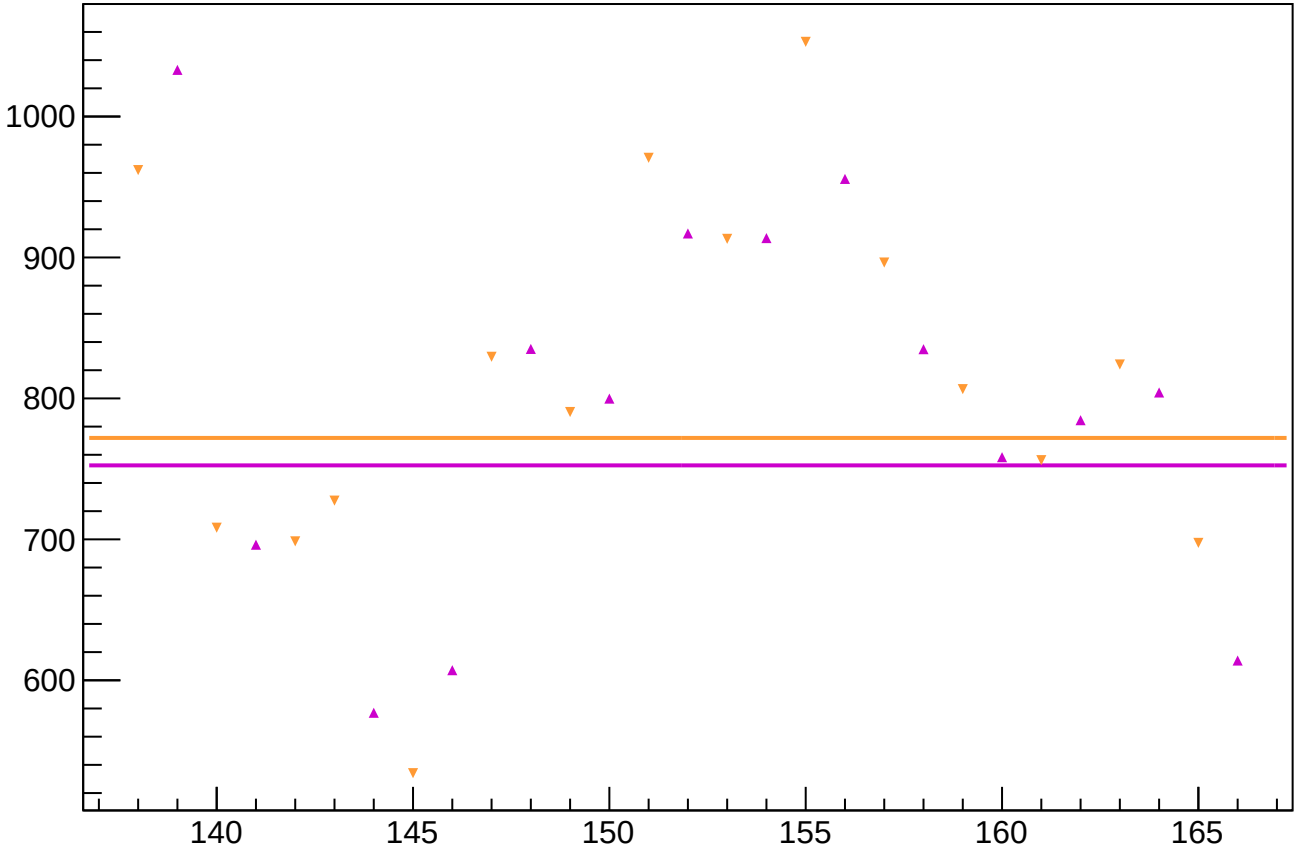
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -16.782+/-231.415 χ^2/NDF:10.6/13

Out: 1435.994+/-235.228 χ^2/NDF:28.7/14

All: 697.736+/-164.966 χ^2/NDF: 58.7/28

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 771.964+/-0.166 χ^2/NDF:662506.8/14

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

Left In: 752.487+/-0.164 χ^2/NDF:651530.7/13

Left: 762.067+/-0.117 χ^2/NDF: 1321005.2/28

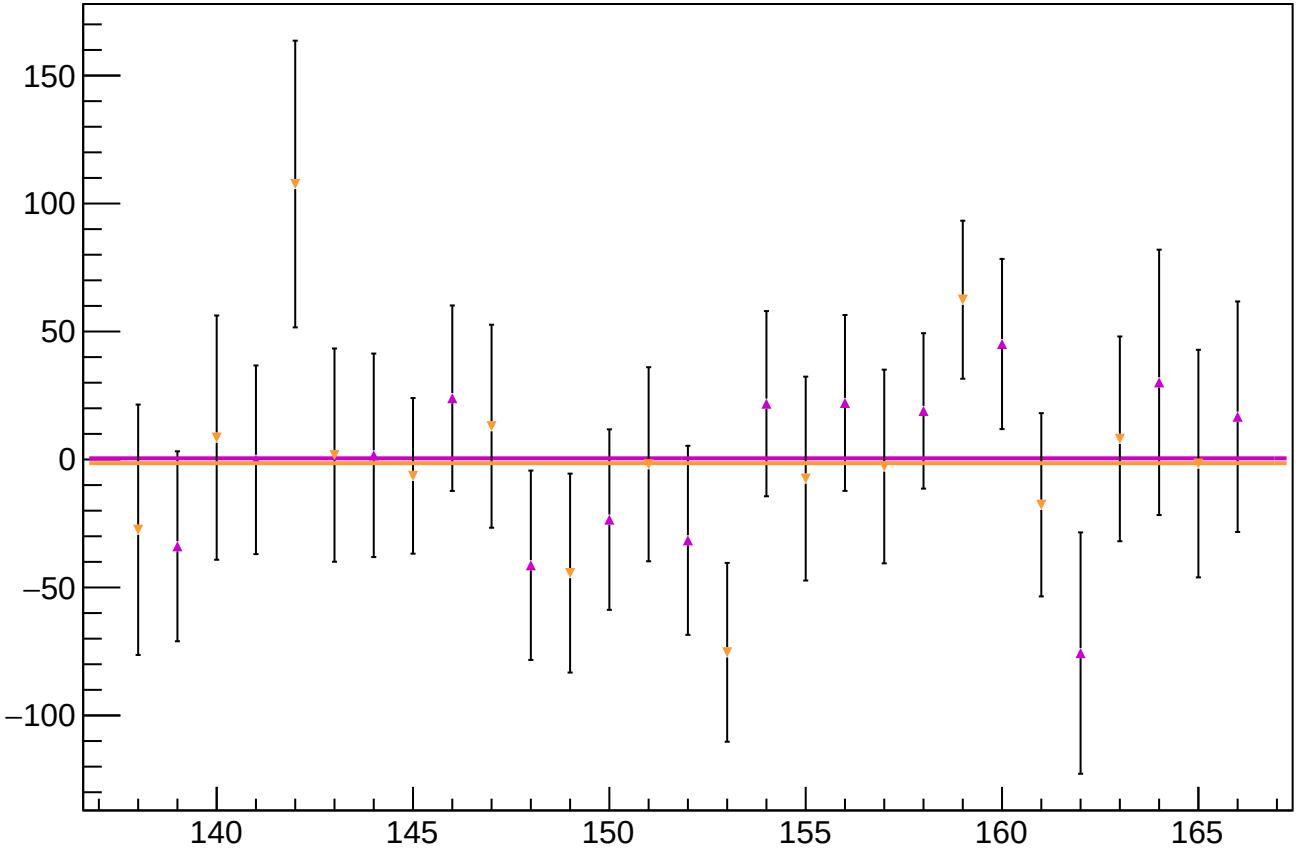
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 752.487+/-0.164 χ^2/NDF:651530.7/13

Out: 771.964+/-0.166 χ^2/NDF:662506.8/14

All: 762.067+/-0.117 χ^2/NDF: 1321005.2/28

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -1.432+/-10.032 χ^2/NDF:14.5/14

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

Left In: 0.455+/-9.979 χ^2/NDF:9.8/13

Left: -0.484+/-7.075 χ^2/NDF: 24.3/28

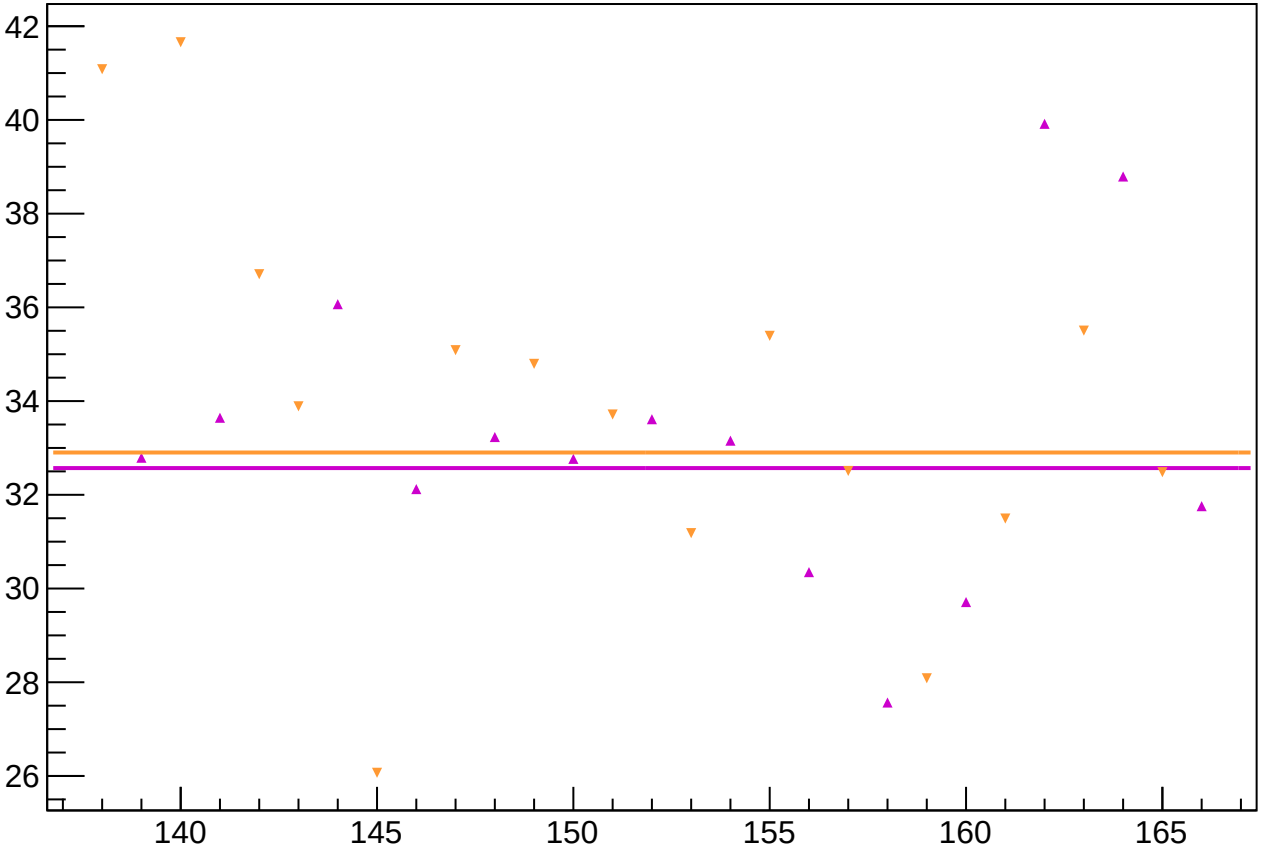
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.455+/-9.979 χ^2/NDF:9.8/13

Out: -1.432+/-10.032 χ^2/NDF:14.5/14

All: -0.484+/-7.075 χ^2/NDF: 24.3/28

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: 32.903+/-0.007 χ^2/NDF:319719.1/14

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

Left In: 32.570+/-0.007 χ^2/NDF:175869.1/13

Left: 32.736+/-0.005 χ^2/NDF: 496691.4/28

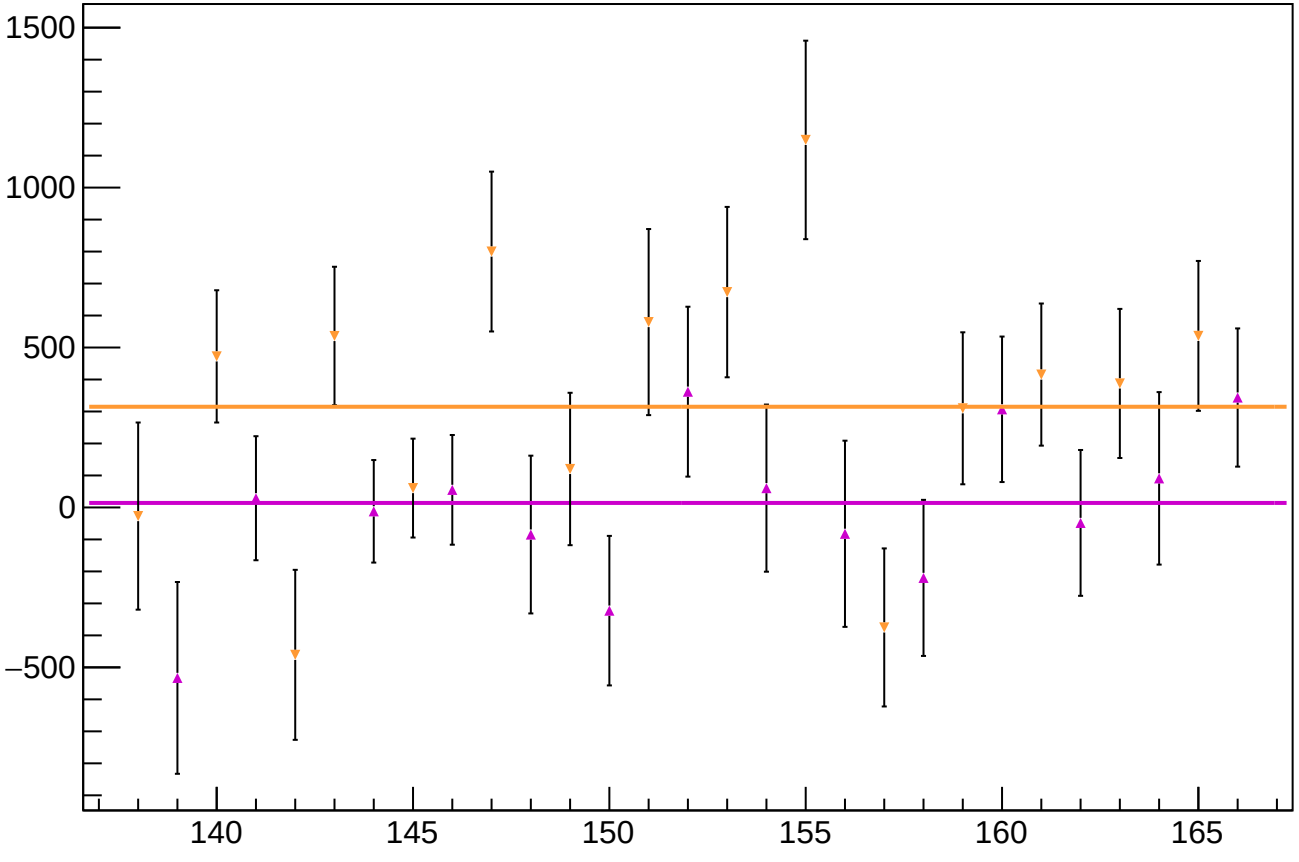
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 32.570+/-0.007 χ^2/NDF:175869.1/13

Out: 32.903+/-0.007 χ^2/NDF:319719.1/14

All: 32.736+/-0.005 χ^2/NDF: 496691.4/28

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: 314.815+/-60.485 χ^2/NDF:37.5/14

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

Left In: 14.102+/-60.133 χ^2/NDF:12.6/13

Left: 163.581+/-42.644 χ^2/NDF: 62.5/28

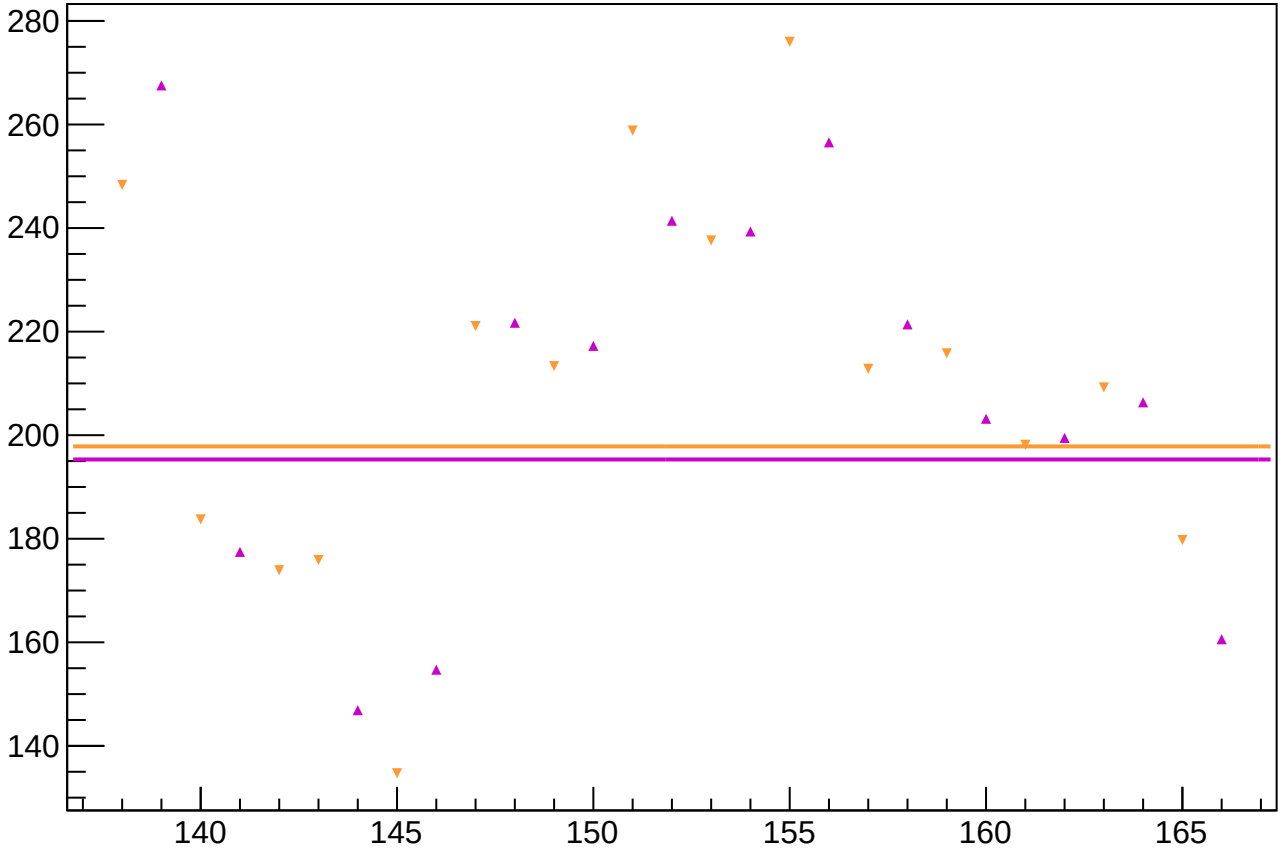
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 14.102+/-60.133 χ^2/NDF:12.6/13

Out: 314.815+/-60.485 χ^2/NDF:37.5/14

All: 163.581+/-42.644 χ^2/NDF: 62.5/28

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: 197.840+/-0.043 χ^2/NDF:759744.8/14

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

Left In: 195.314+/-0.043 χ^2/NDF:754748.5/13

Left: 196.570+/-0.030 χ^2/NDF: 1516247.9/28

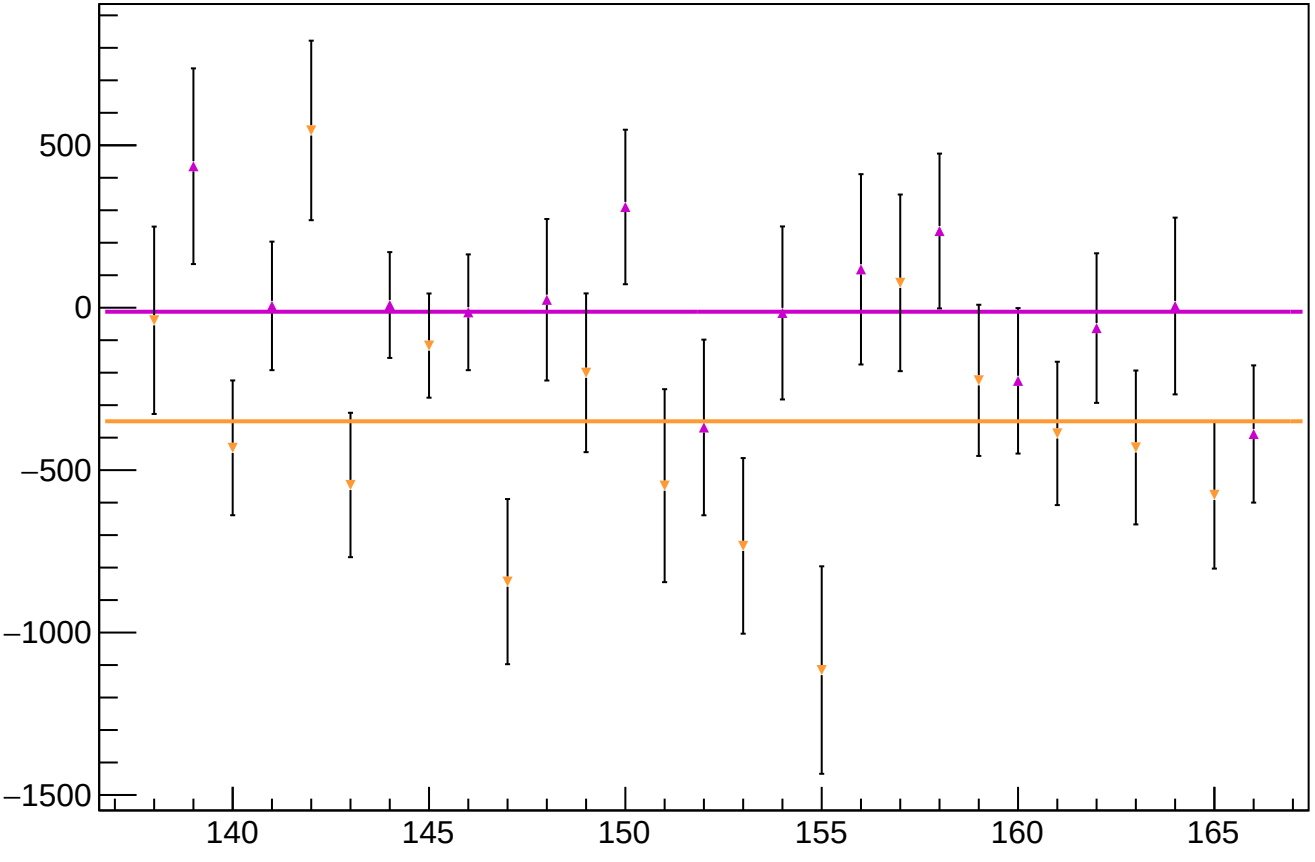
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 195.314+/-0.043 χ^2/NDF:754748.5/13

Out: 197.840+/-0.043 χ^2/NDF:759744.8/14

All: 196.570+/-0.030 χ^2/NDF: 1516247.9/28

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -349.586+/-61.510 χ^2/NDF:31.0/14

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

Left In: -12.398+/-60.701 χ^2/NDF:11.2/13

Left: -178.761+/-43.205 χ^2/NDF: 57.4/28

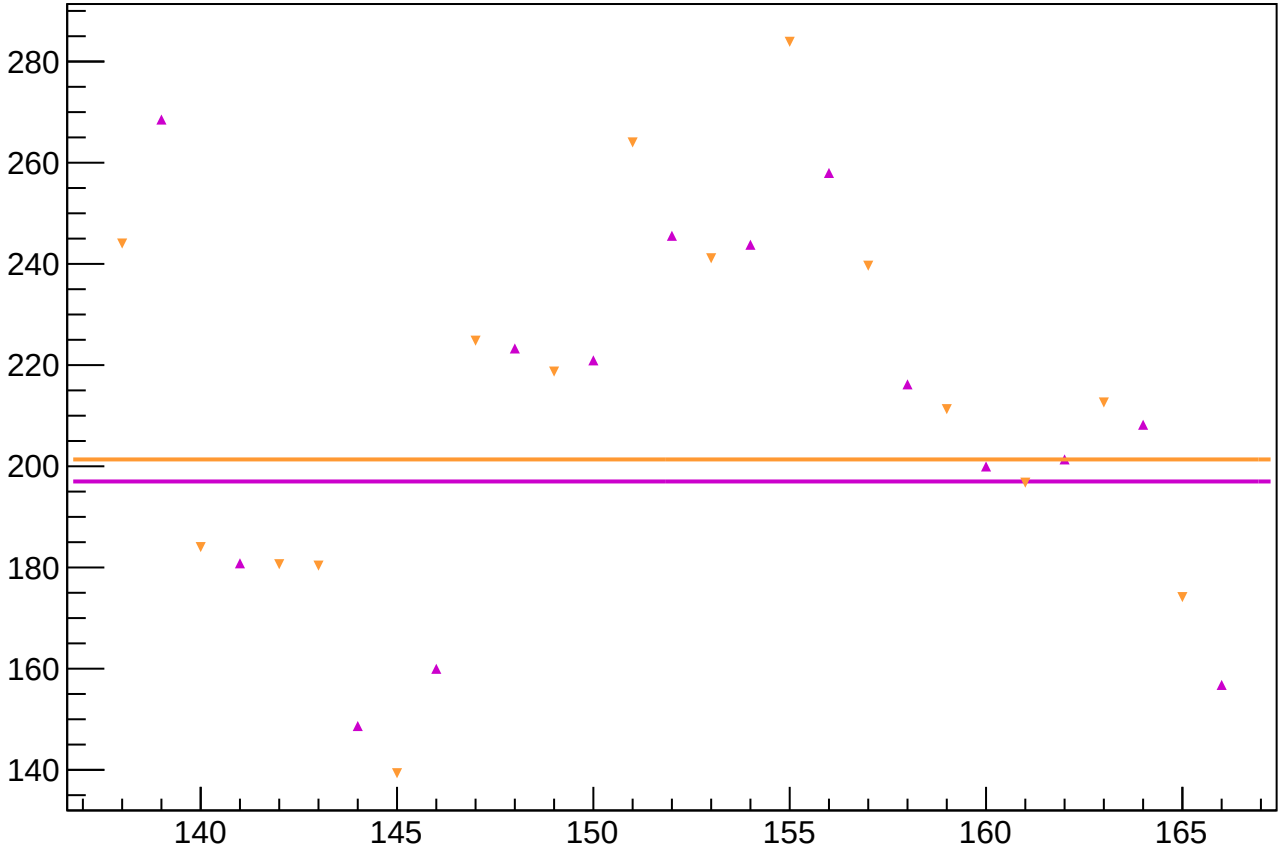
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.398+/-60.701 χ^2/NDF:11.2/13

Out: -349.586+/-61.510 χ^2/NDF:31.0/14

All: -178.761+/-43.205 χ^2/NDF: 57.4/28

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 201.355+/-0.043 χ^2/NDF:756354.6/14

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

Left In: 197.000+/-0.043 χ^2/NDF:734103.8/13

Left: 199.149+/-0.031 χ^2/NDF: 1495537.1/28

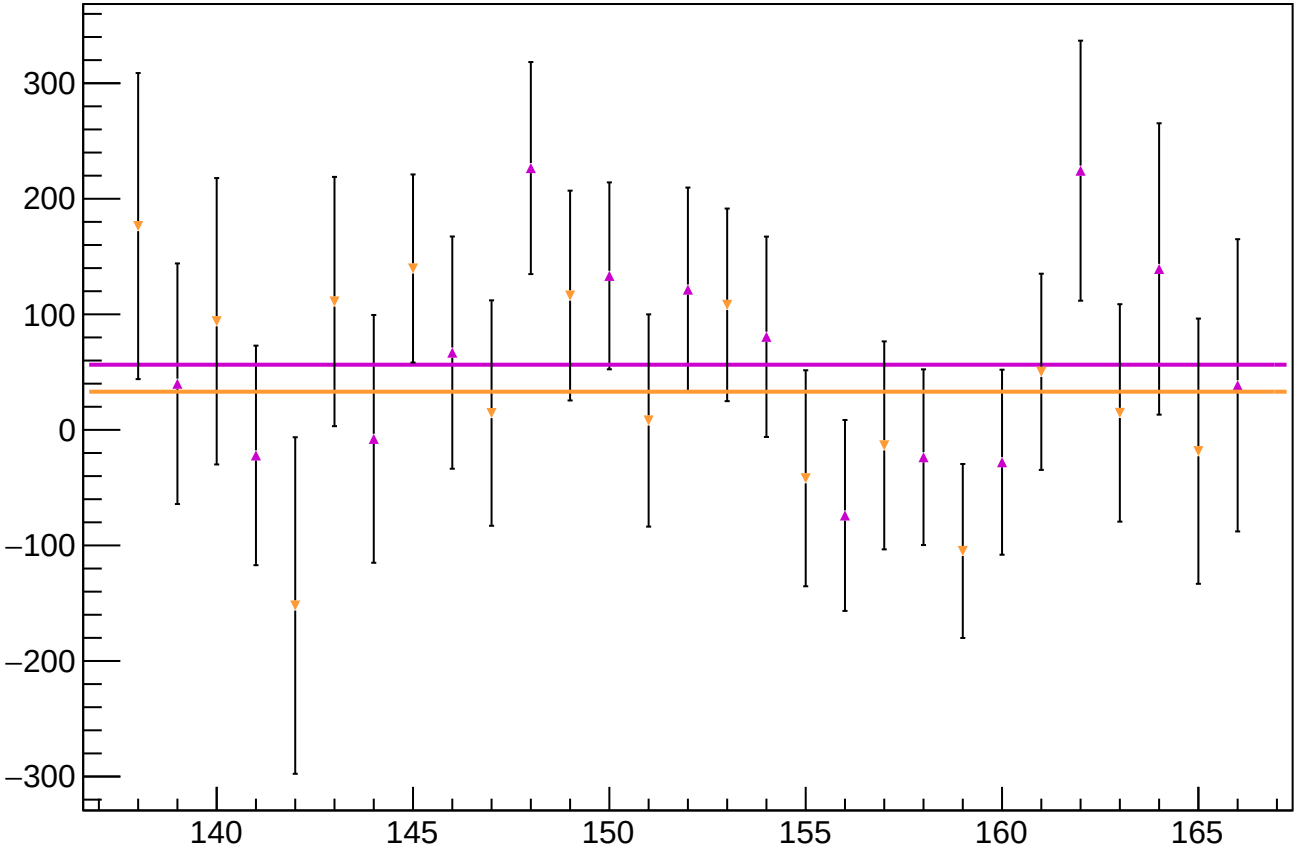
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 197.000+/-0.043 χ^2/NDF:734103.8/13

Out: 201.355+/-0.043 χ^2/NDF:756354.6/14

All: 199.149+/-0.031 χ^2/NDF: 1495537.1/28

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 33.046+/-24.717 χ^2/NDF:11.6/14

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

Left In: 56.391+/-24.985 χ^2/NDF:13.4/13

Left: 44.592+/-17.572 χ^2/NDF: 25.4/28

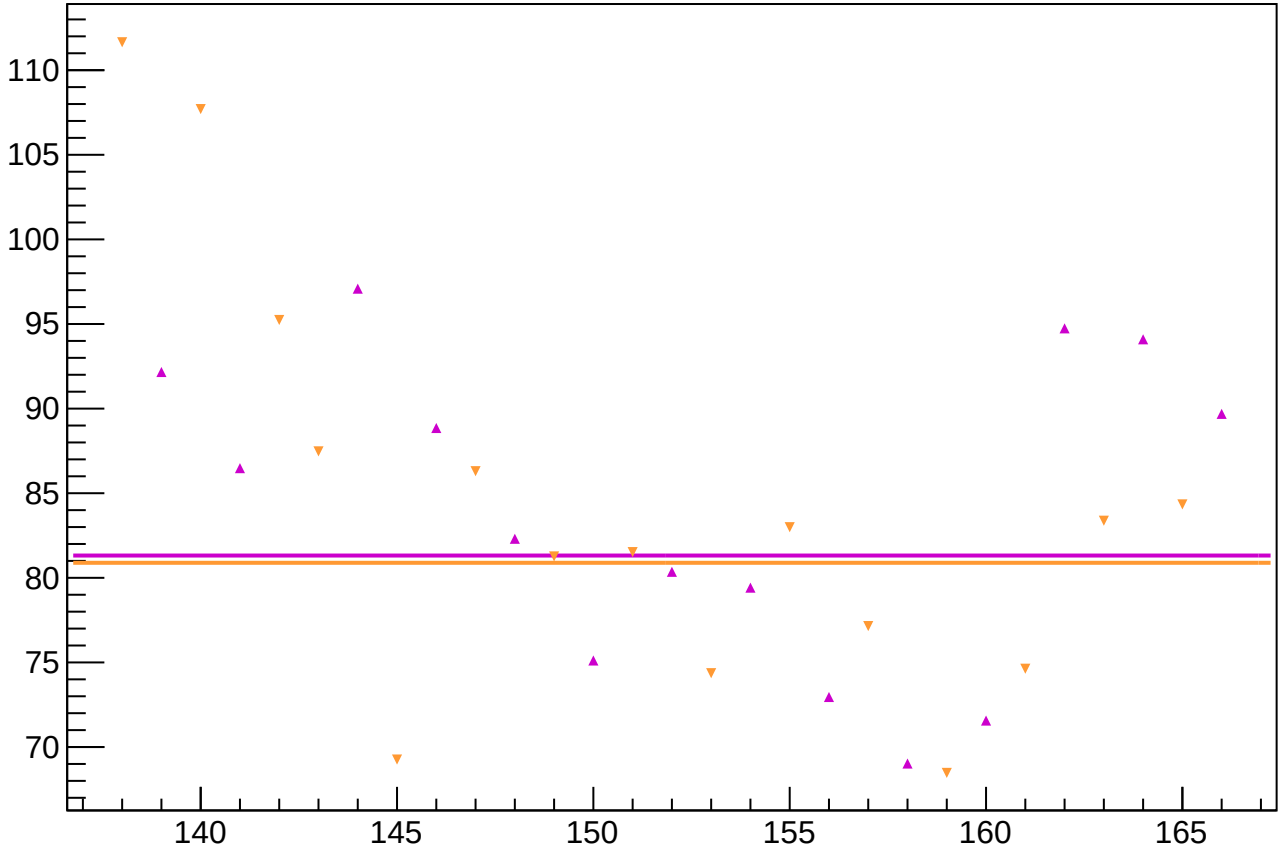
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 56.391+/-24.985 χ^2/NDF:13.4/13

Out: 33.046+/-24.717 χ^2/NDF:11.6/14

All: 44.592+/-17.572 χ^2/NDF: 25.4/28

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 80.888+/-0.017 χ^2/NDF:360679.1/14

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

Left In: 81.317+/-0.018 χ^2/NDF:255549.2/13

Left: 81.100+/-0.012 χ^2/NDF: 616526.1/28

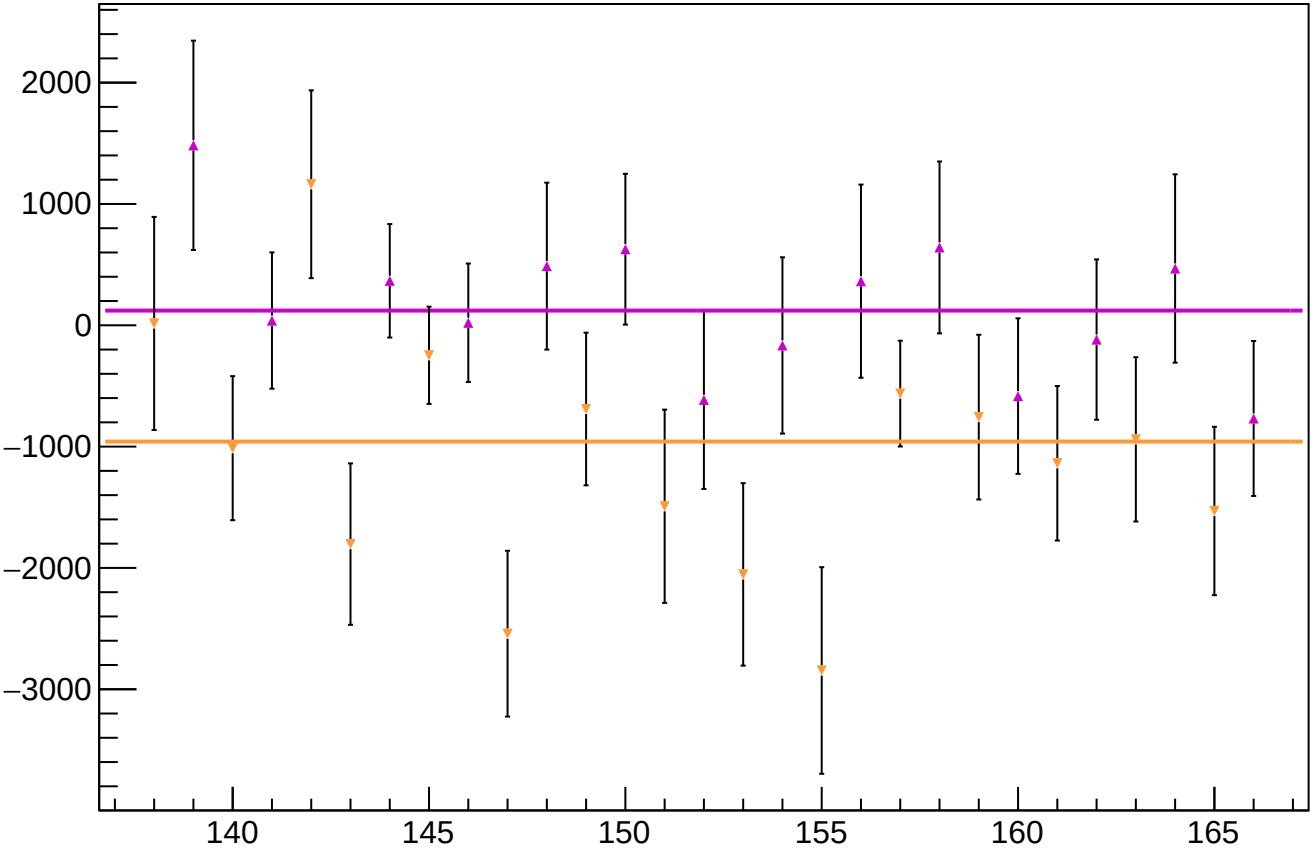
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 81.317+/-0.018 χ^2/NDF:255549.2/13

Out: 80.888+/-0.017 χ^2/NDF:360679.1/14

All: 81.100+/-0.012 χ^2/NDF: 616526.1/28

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -958.437+/-162.567 χ^2/NDF:28.2/14

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

Left In: 121.176+/-171.164 χ^2/NDF:9.1/13

Left: -446.423+/-117.874 χ^2/NDF: 58.2/28

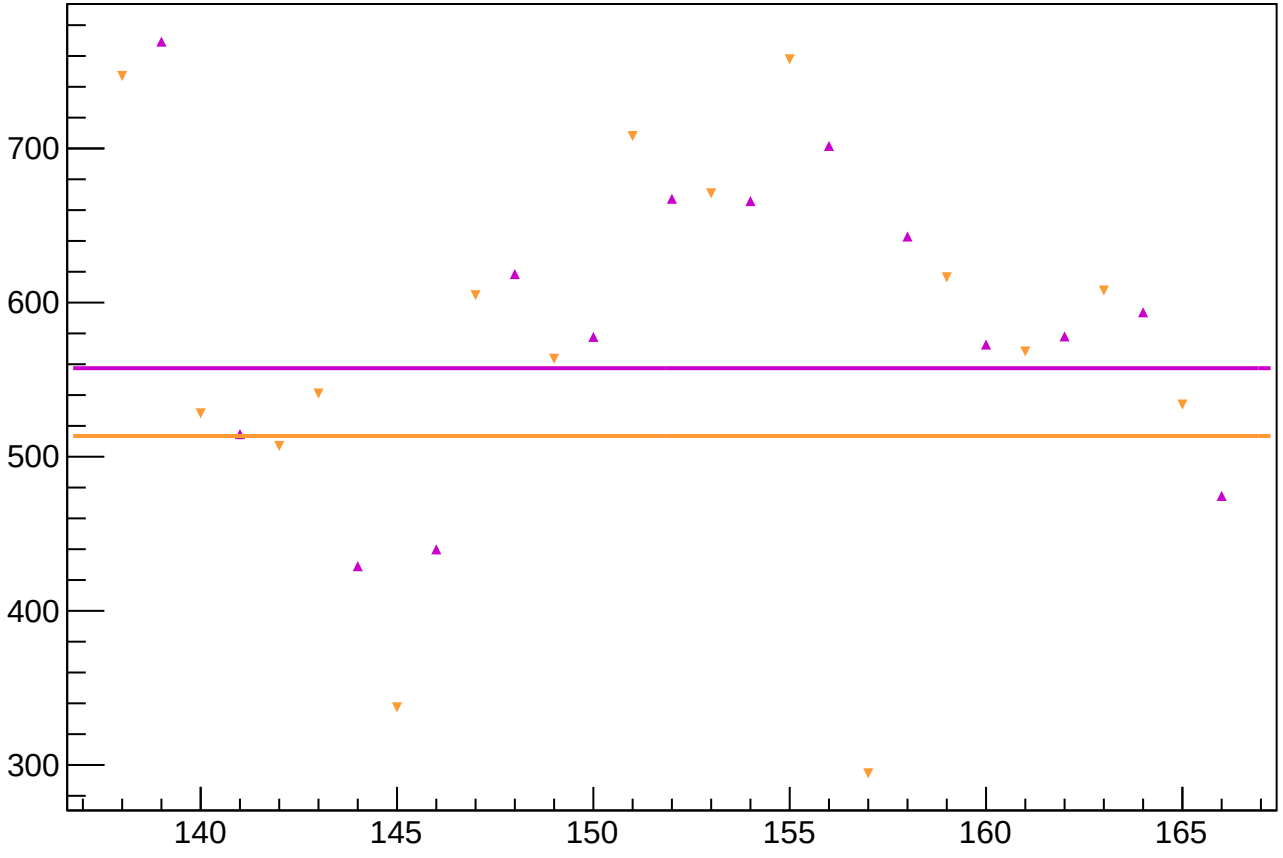
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 121.176+/-171.164 χ^2/NDF:9.1/13

Out: -958.437+/-162.567 χ^2/NDF:28.2/14

All: -446.423+/-117.874 χ^2/NDF: 58.2/28

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 513.427+/-0.115 χ^2/NDF:1558138.6/14

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

Left In: 557.439+/-0.121 χ^2/NDF:642151.3/13

Left: 534.300+/-0.083 χ^2/NDF: 2269812.5/28

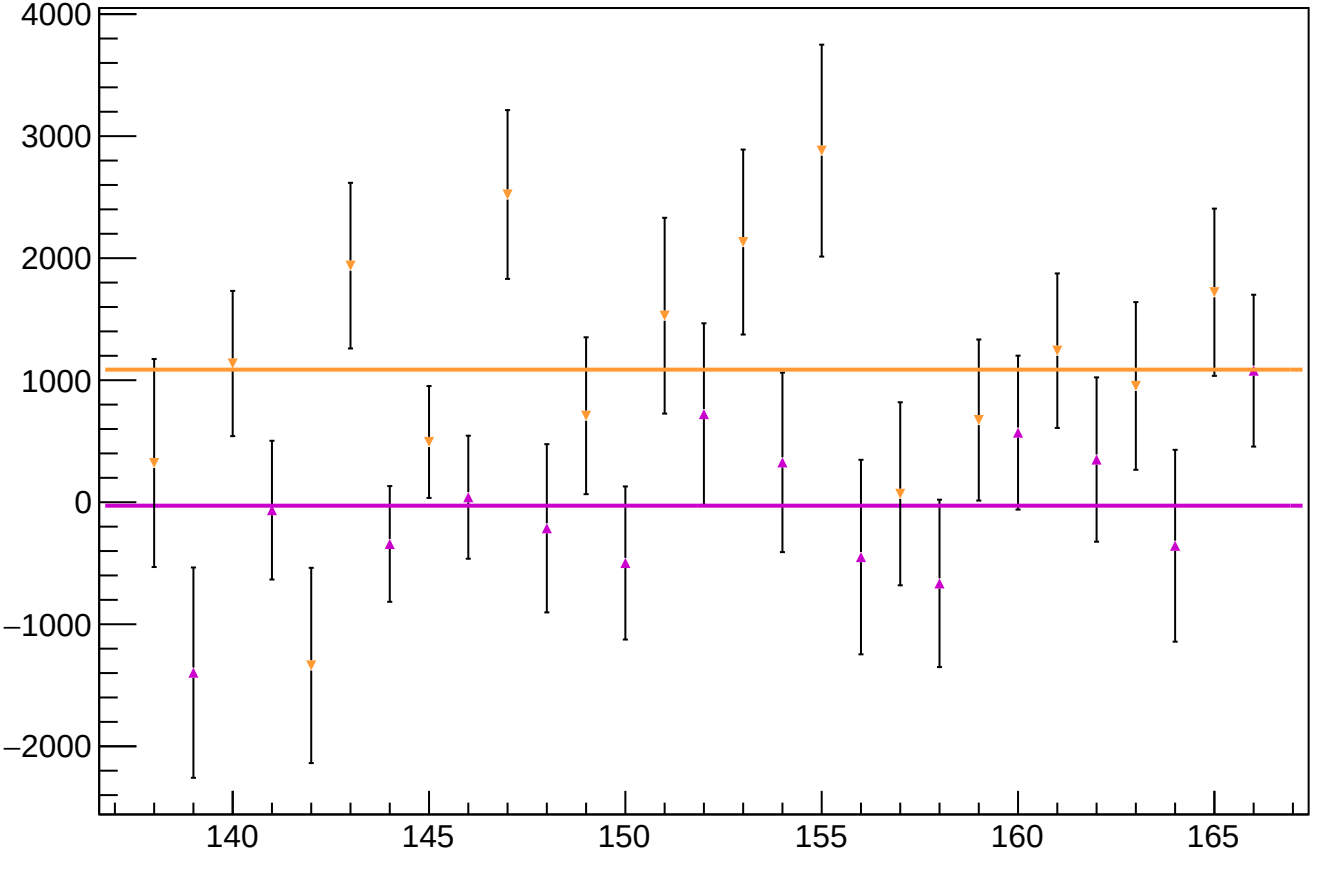
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 557.439+/-0.121 χ^2/NDF:642151.3/13

Out: 513.427+/-0.115 χ^2/NDF:1558138.6/14

All: 534.300+/-0.083 χ^2/NDF: 2269812.5/28

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 1086.630+/-175.043 χ^2/NDF:27.6/14

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

Left In: -28.279+/-172.149 χ^2/NDF:10.6/13

Left: 519.882+/-122.738 χ^2/NDF: 58.7/28

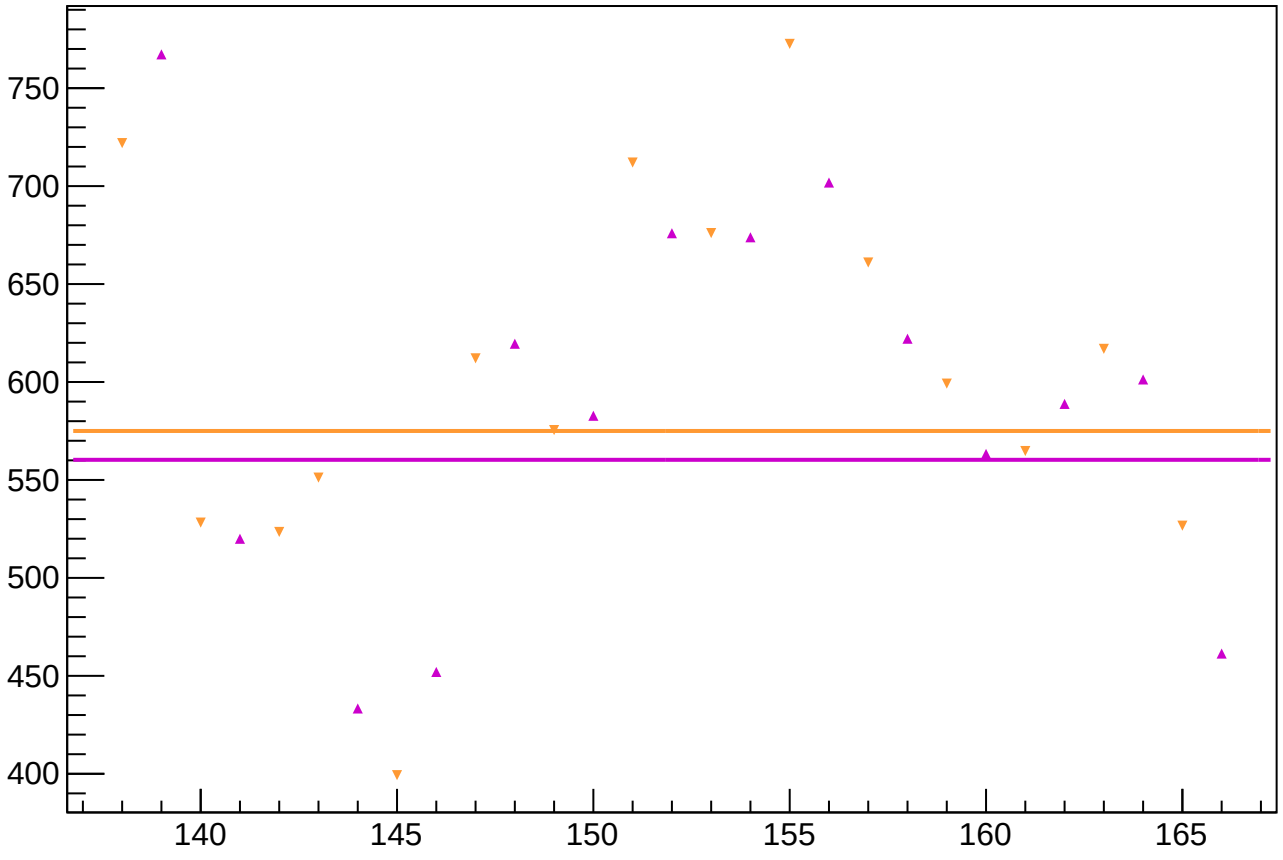
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -28.279+/-172.149 χ^2/NDF:10.6/13

Out: 1086.630+/-175.043 χ^2/NDF:27.6/14

All: 519.882+/-122.738 χ^2/NDF: 58.7/28

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 575.002+/-0.124 χ^2/NDF:626468.6/14

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

Left In: 560.278+/-0.122 χ^2/NDF:613331.3/13

Left: 567.517+/-0.087 χ^2/NDF: 1246993.8/28

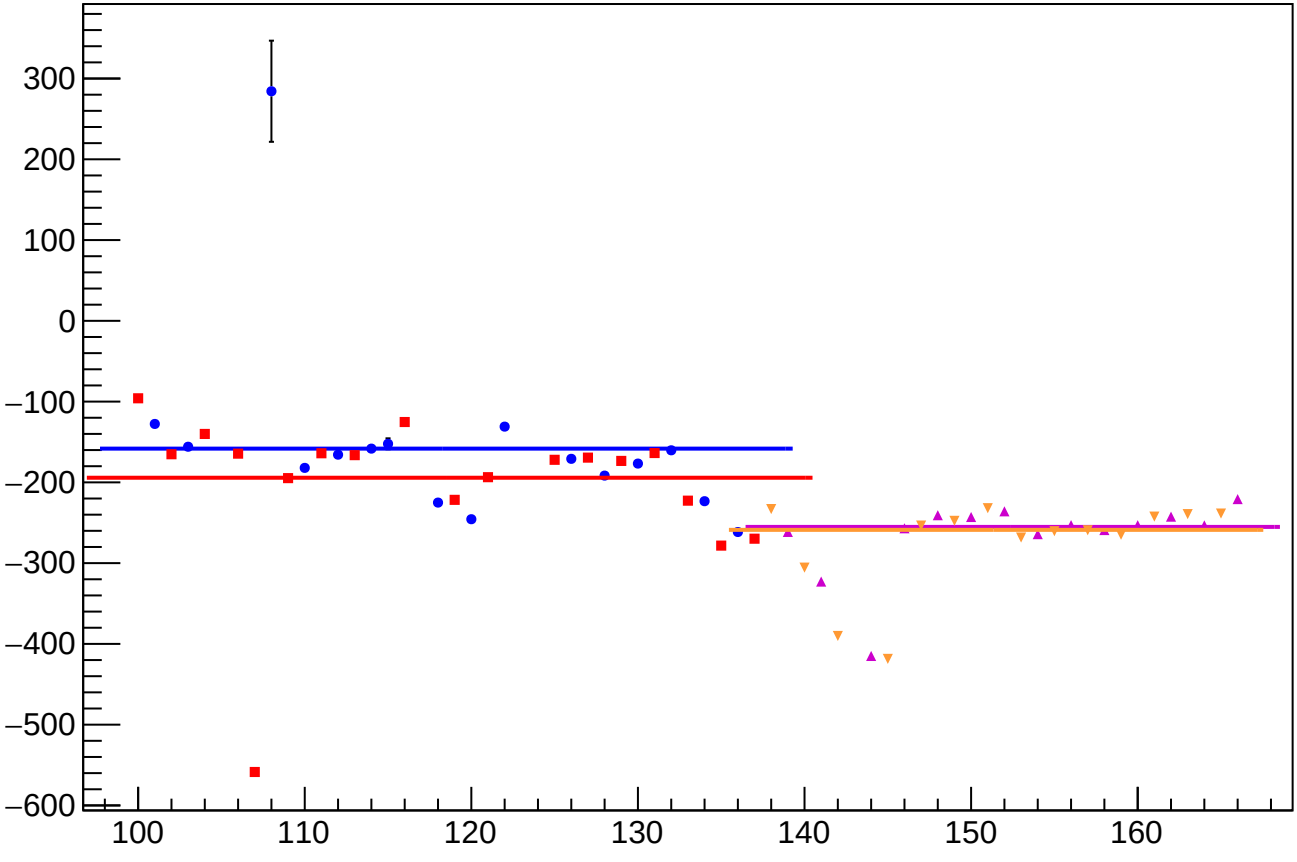
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 560.278+/-0.122 χ^2/NDF:613331.3/13

Out: 575.002+/-0.124 χ^2/NDF:626468.6/14

All: 567.517+/-0.087 χ^2/NDF: 1246993.8/28

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF: 117166.2/15

Left Out: -258.809+/-0.151 χ^2/NDF:31259.9/13

Right Out: -194.268+/-0.165 χ^2/NDF: 176560.4/17

Left In: -255.146+/-0.149 χ^2/NDF:59315.5/13

Left: -256.953+/-0.106 χ^2/NDF: 90872.9/27

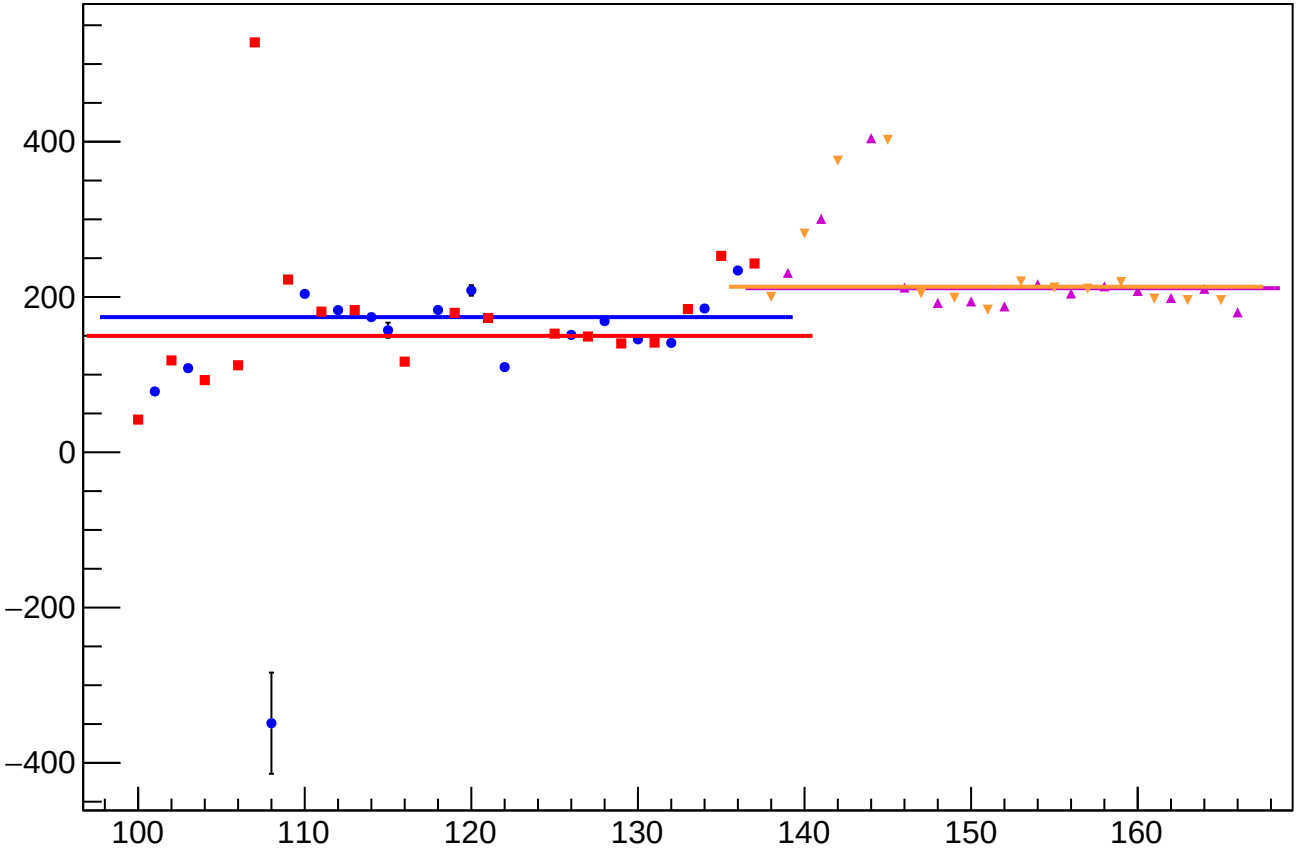
Right: -158.222+/-0.000 χ^2/NDF: 341369.6/33

In: -158.222+/-0.000 χ^2/NDF:598841.7/29

Out: -229.390+/-0.111 χ^2/NDF:290938.7/31

All: -158.222+/-0.000 χ^2/NDF: 1297230.7/61

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF: 53377.4/15

Left Out: 213.207+/-0.150 χ^2/NDF:37804.1/13

Right Out: 149.948+/-0.196 χ^2/NDF: 167846.4/17

Left In: 211.300+/-0.149 χ^2/NDF:75606.1/13

Left: 212.245+/-0.106 χ^2/NDF: 113491.3/27

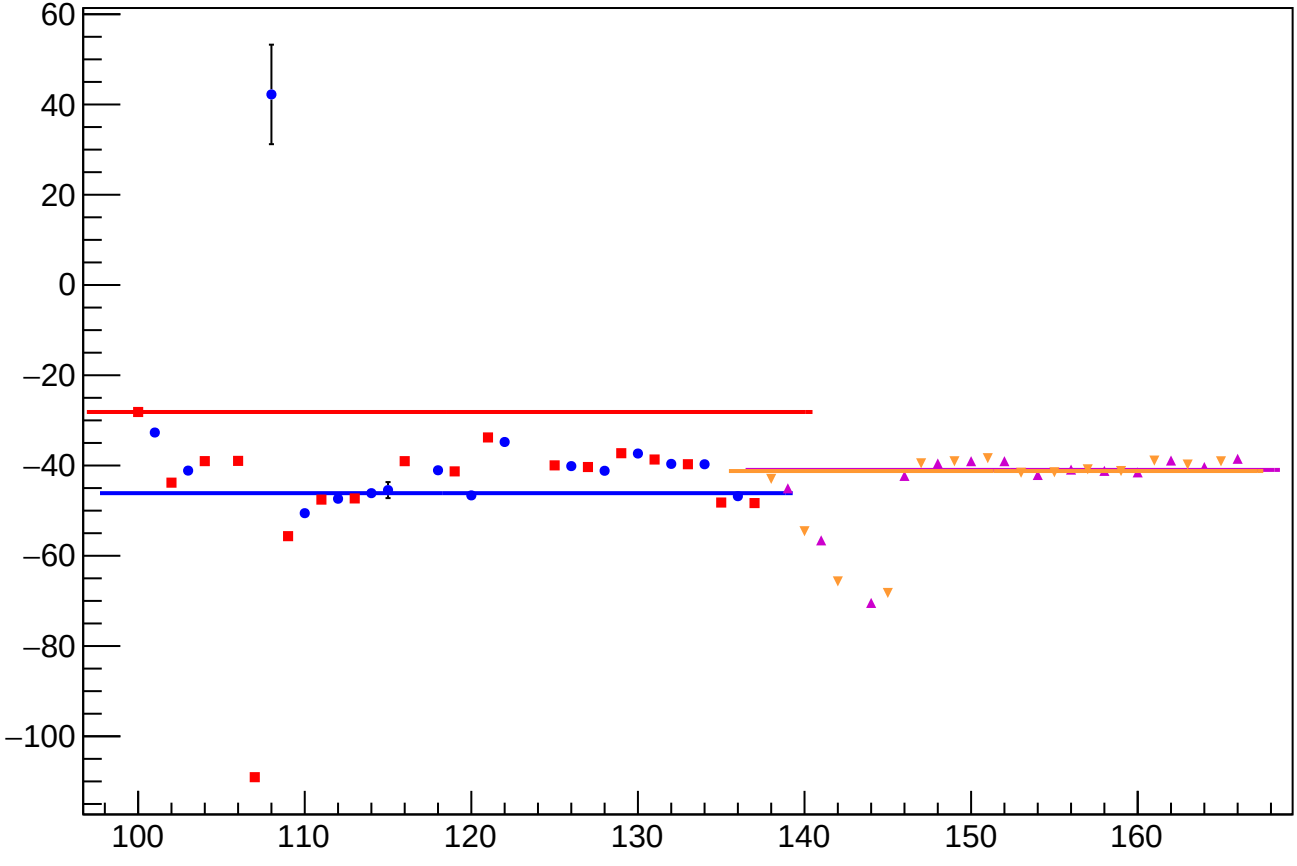
Right: 174.085+/-0.000 χ^2/NDF: 236460.5/33

In: 174.085+/-0.000 χ^2/NDF:191242.4/29

Out: 189.675+/-0.119 χ^2/NDF:271376.3/31

All: 174.085+/-0.000 χ^2/NDF: 479706.4/61

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF: 201273.7/15

Left Out: -41.223+/-0.008 χ^2/NDF:90591.9/13

Right Out: -28.139+/-0.000 χ^2/NDF: 746939.9/17

Left In: -40.974+/-0.009 χ^2/NDF:163000.7/13

Left: -41.114+/-0.006 χ^2/NDF: 254007.5/27

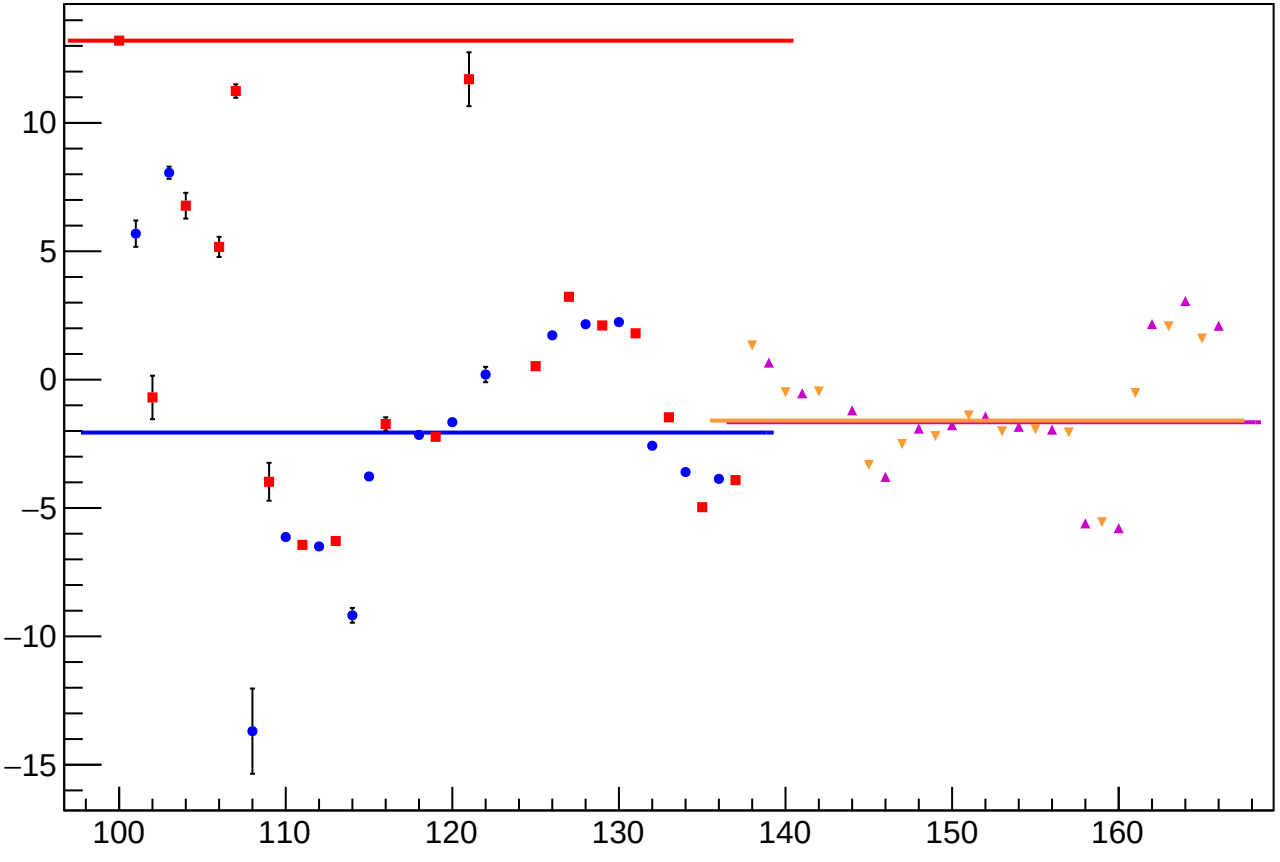
Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:678094.9/29

Out: -28.139+/-0.000 χ^2/NDF:3432122.3/31

All: -39.778+/-0.000 χ^2/NDF: 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061+/-0.018 χ^2/NDF: 25665.1/15

Left Out: -1.594+/-0.009 χ^2/NDF:70497.7/13

Right Out: 13.204+/-0.000 χ^2/NDF: 509721.0/17

Left In: -1.660+/-0.007 χ^2/NDF:101759.9/13

Left: -1.634+/-0.005 χ^2/NDF: 172292.9/27

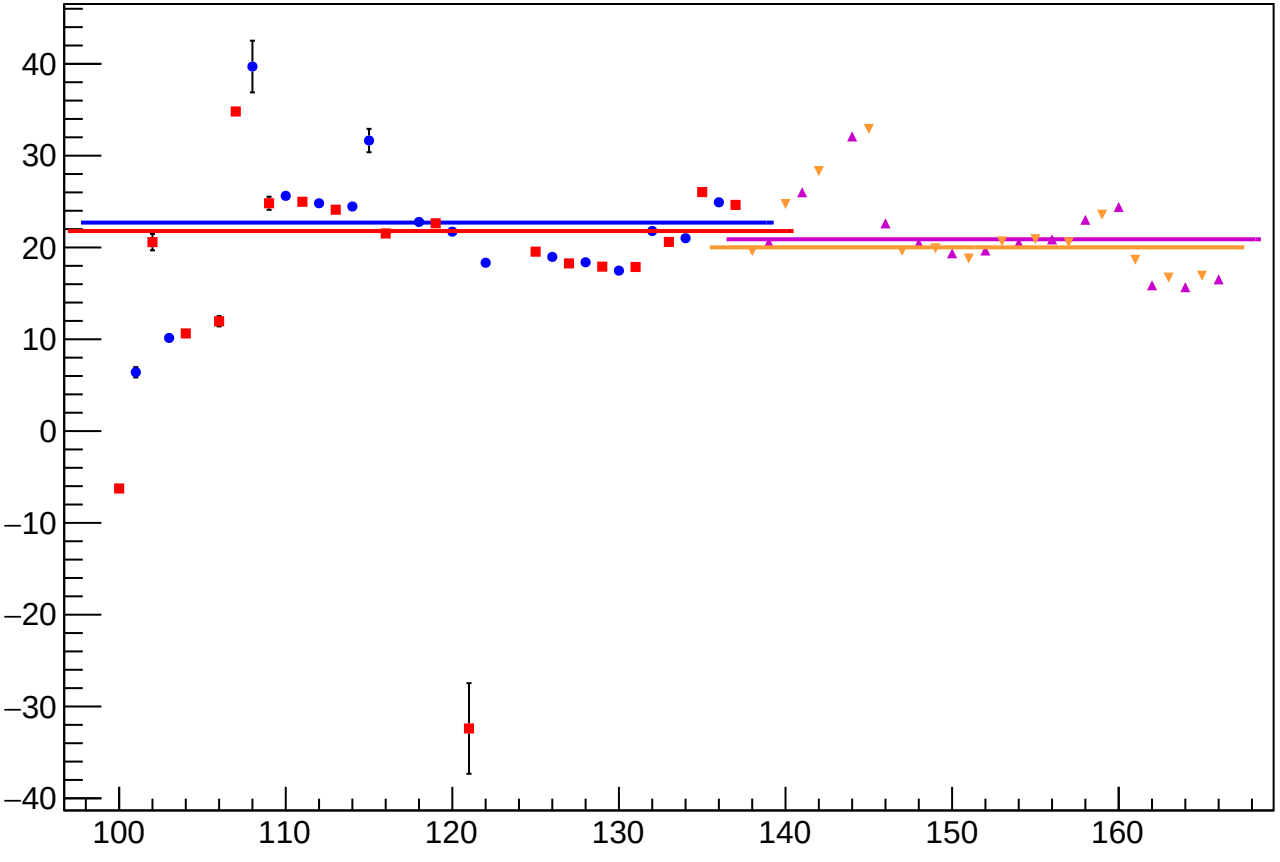
Right: 13.204+/-0.000 χ^2/NDF: 1268800.5/33

In: -1.713+/-0.007 χ^2/NDF:127863.7/29

Out: 13.204+/-0.000 χ^2/NDF:3558419.0/31

All: 13.204+/-0.000 χ^2/NDF: 8943979.0/61

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711+/-0.019 χ^2/NDF: 22767.9/15

Left Out: 20.014+/-0.010 χ^2/NDF:50268.2/13

Right Out: 21.790+/-0.022 χ^2/NDF: 26670.9/17

Left In: 20.892+/-0.009 χ^2/NDF:85045.9/13

Left: 20.522+/-0.007 χ^2/NDF: 139721.6/27

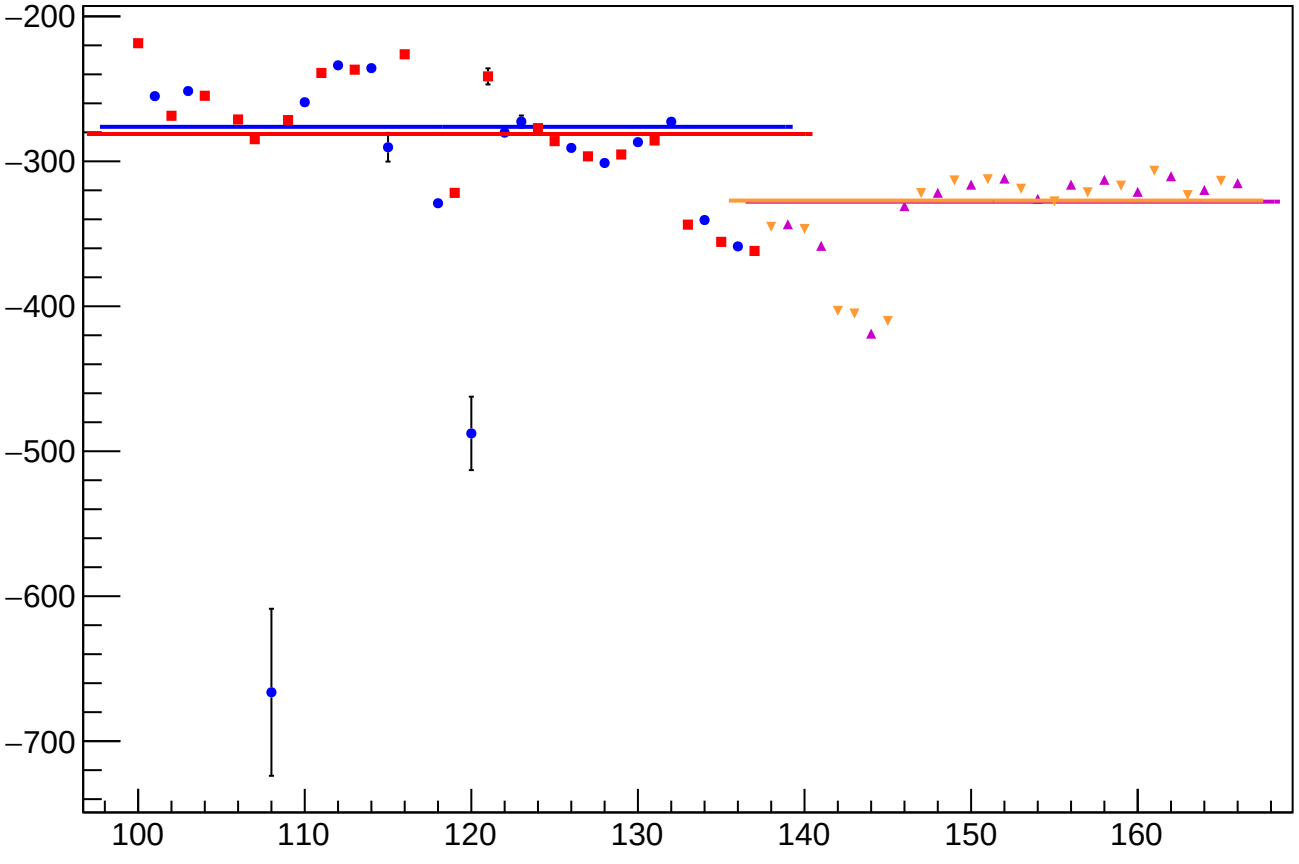
Right: 22.313+/-0.014 χ^2/NDF: 50478.1/33

In: 21.208+/-0.008 χ^2/NDF:115581.6/29

Out: 20.332+/-0.009 χ^2/NDF:82531.8/31

All: 20.837+/-0.006 χ^2/NDF: 203431.8/61

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF: 58107.7/16

Left Out: -327.073+/-0.135 χ^2/NDF:31193.0/14

Right Out: -281.150+/-0.148 χ^2/NDF: 77611.5/18

Left In: -327.819+/-0.118 χ^2/NDF:38004.0/13

Left: -327.496+/-0.089 χ^2/NDF: 69214.2/28

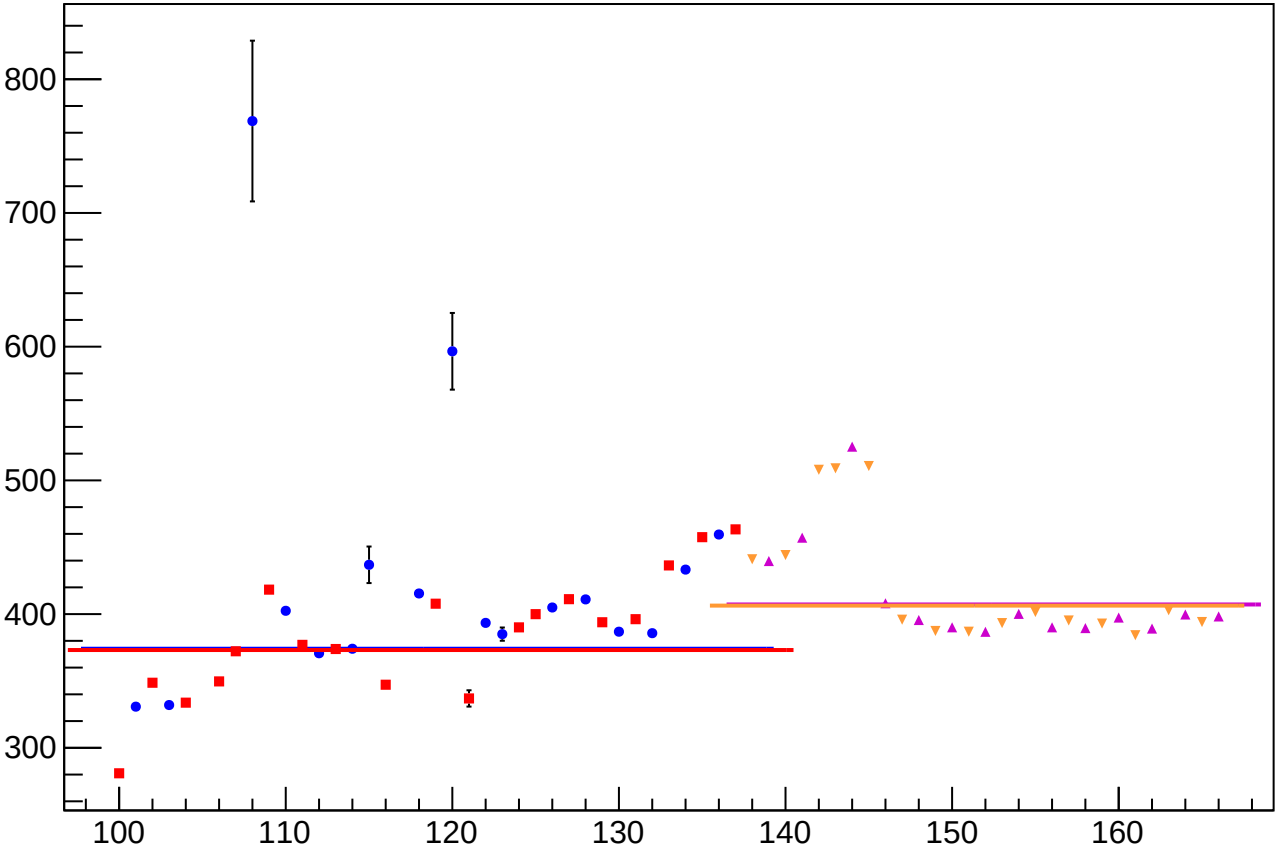
Right: -278.974+/-0.110 χ^2/NDF: 136213.7/35

In: -310.511+/-0.096 χ^2/NDF:159943.9/30

Out: -306.108+/-0.100 χ^2/NDF:161448.2/33

All: -308.382+/-0.069 χ^2/NDF: 322399.4/64

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF: 35072.0/16

Left Out: 406.355+/-0.136 χ^2/NDF:52999.9/14

Right Out: 373.134+/-0.158 χ^2/NDF: 108219.4/18

Left In: 407.199+/-0.119 χ^2/NDF:62819.1/13

Left: 406.831+/-0.090 χ^2/NDF: 115840.9/28

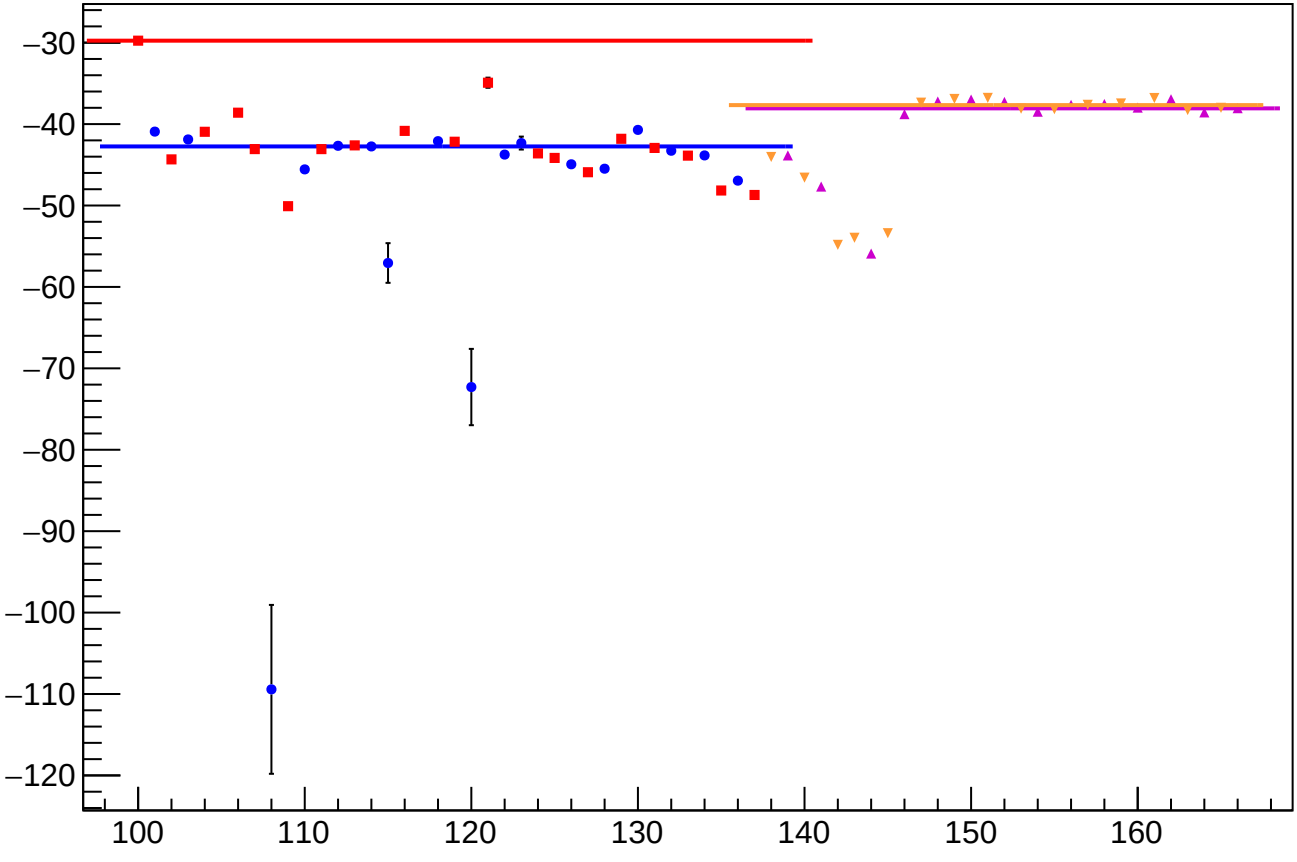
Right: 374.094+/-0.000 χ^2/NDF: 143328.3/35

In: 374.094+/-0.000 χ^2/NDF:175082.1/30

Out: 392.260+/-0.103 χ^2/NDF:186688.1/33

All: 374.094+/-0.000 χ^2/NDF: 392951.4/64

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF: 13262.6/16

Left Out: -37.668+/-0.005 χ^2/NDF:256548.4/14

Right Out: -29.754+/-0.000 χ^2/NDF: 483930.3/18

Left In: -38.068+/-0.005 χ^2/NDF:148616.6/13

Left: -37.858+/-0.003 χ^2/NDF: 408751.5/28

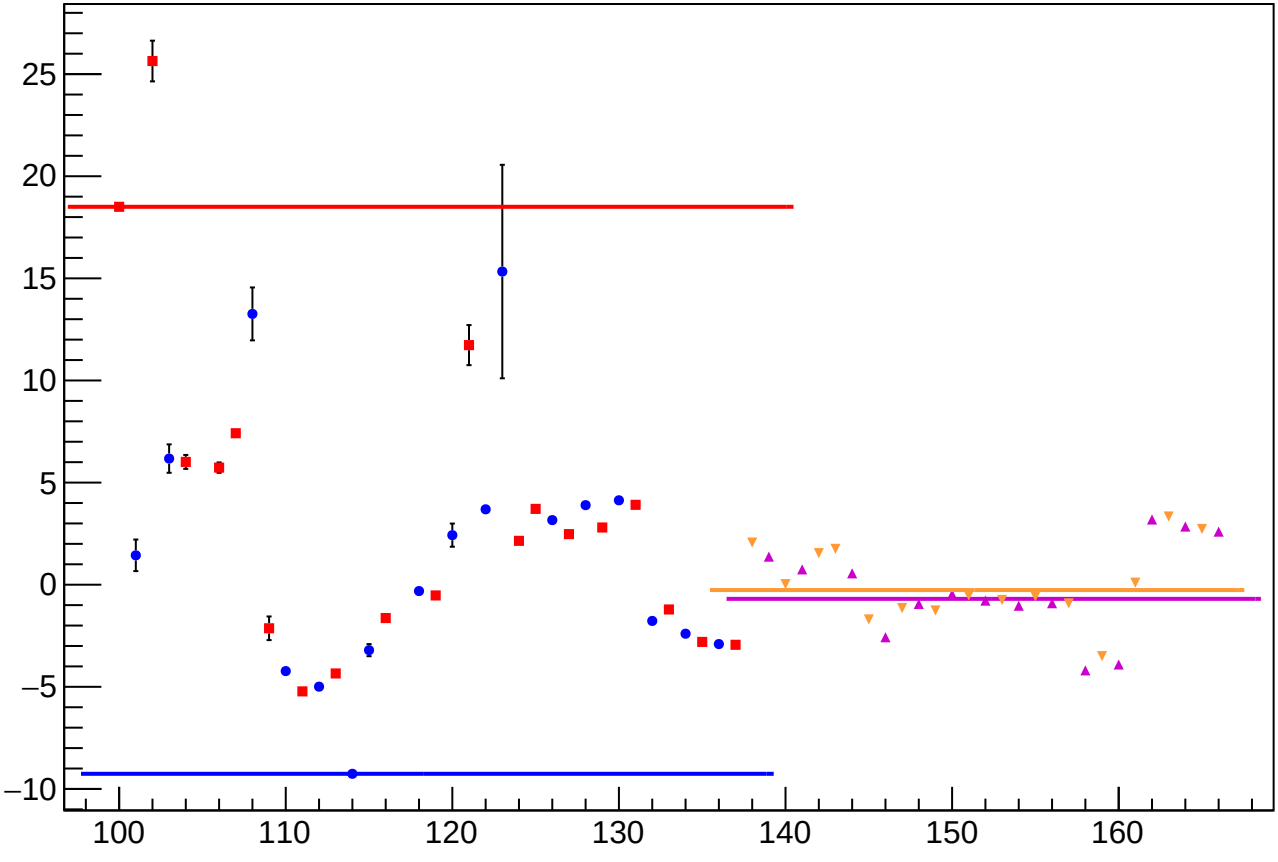
Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:1095137.6/30

Out: -29.754+/-0.000 χ^2/NDF:3708925.2/33

All: -38.159+/-0.000 χ^2/NDF: 129765212680

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF: 405850.5/16

Left Out: -0.262+/-0.007 χ^2/NDF:71715.1/14

Right Out: 18.504+/-0.000 χ^2/NDF: 7366781.0/18

Left In: -0.693+/-0.007 χ^2/NDF:82363.8/13

Left: -0.486+/-0.005 χ^2/NDF: 155813.0/28

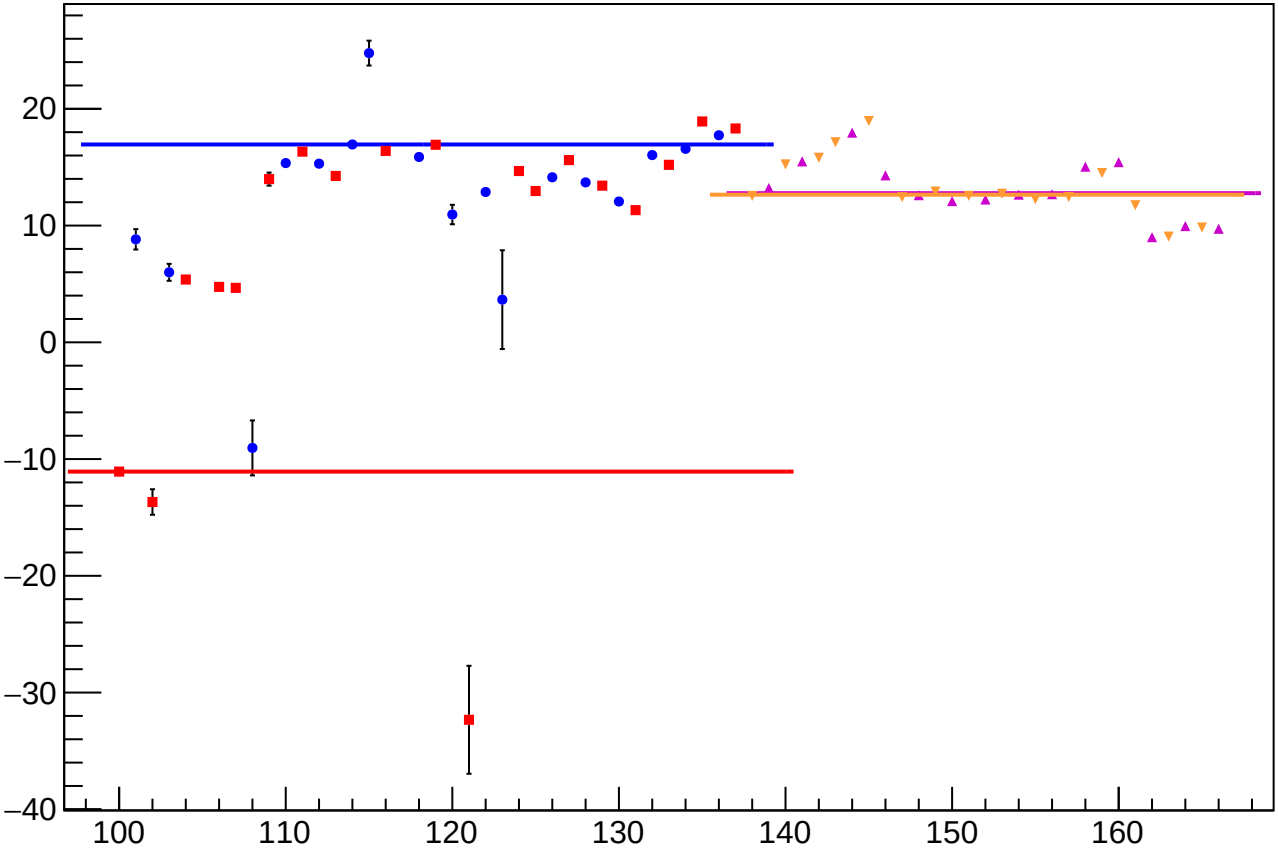
Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:1920020.3/30

Out: 18.504+/-0.000 χ^2/NDF:13746073.7/33

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: 12.645+/-0.009 χ^2/NDF:35540.4/14

Right Out: -11.075+/-0.000 χ^2/NDF: 2712010.0/18

Left In: 12.774+/-0.010 χ^2/NDF:35240.7/13

Left: 12.704+/-0.007 χ^2/NDF: 70871.4/28

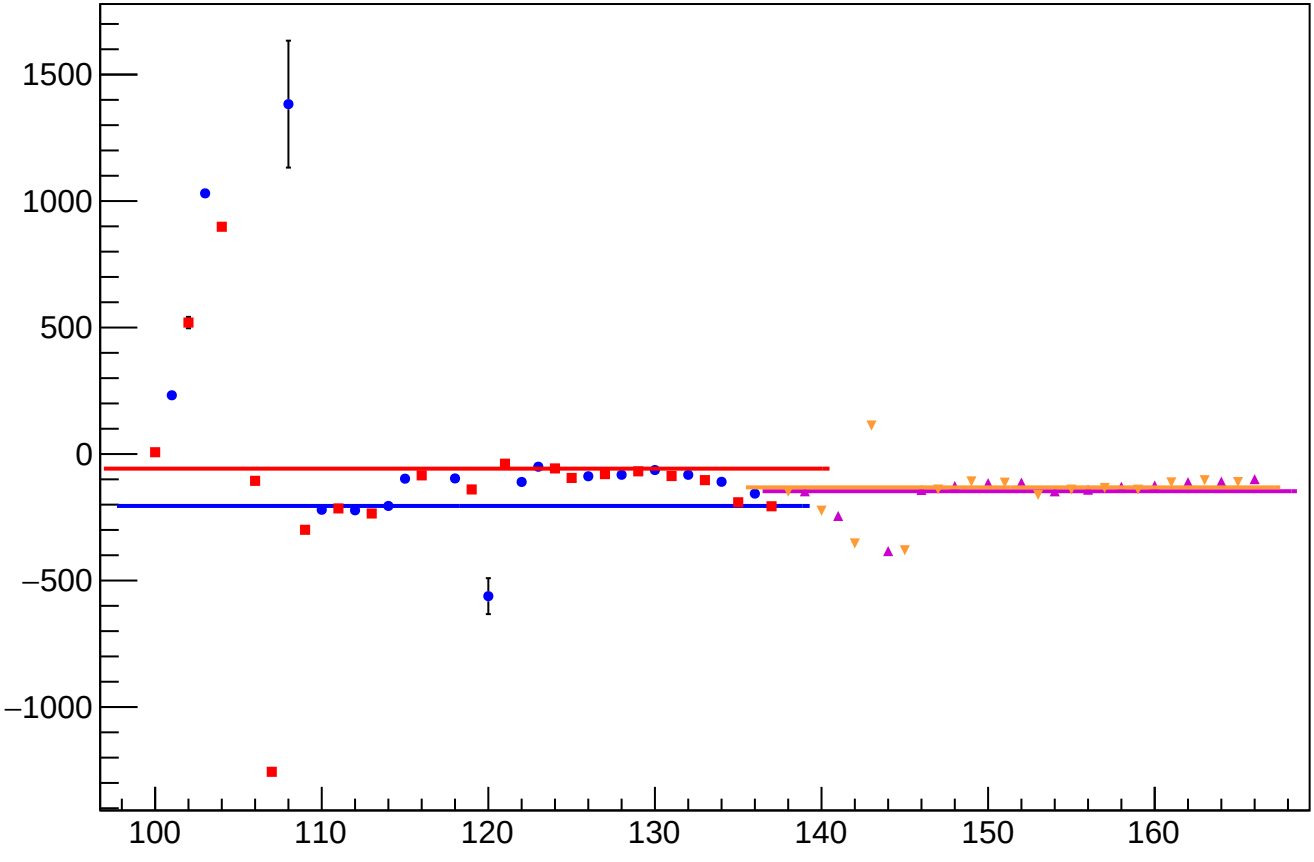
Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:219080.4/30

Out: -11.075+/-0.000 χ^2/NDF:9373249.8/33

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: -131.698+/-0.261 χ^2/NDF:44861.5/14

Right Out: -57.684+/-0.283 χ^2/NDF: 114854.9/18

Left In: -146.880+/-0.306 χ^2/NDF:43678.6/13

Left: -138.103+/-0.198 χ^2/NDF: 89967.5/28

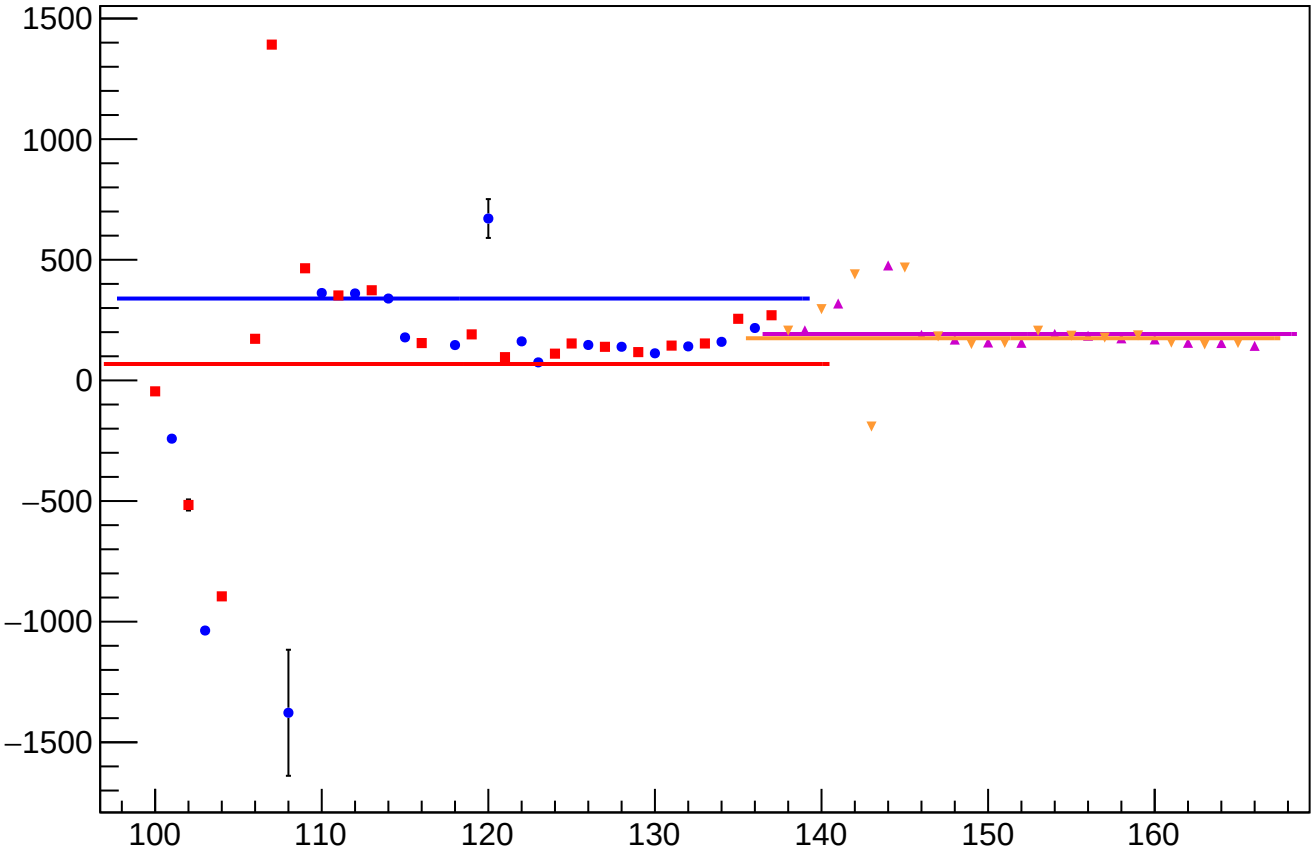
Right: -205.160+/-0.000 χ^2/NDF: 968522.3/35

In: -205.160+/-0.000 χ^2/NDF:662835.4/30

Out: -97.721+/-0.192 χ^2/NDF:196625.3/33

All: -205.160+/-0.000 χ^2/NDF: 1172650.3/64

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF: 1030606.3/16

Left Out: 174.727+/-0.262 χ^2/NDF:80459.7/14

Right Out: 68.024+/-0.286 χ^2/NDF: 272330.9/18

Left In: 192.325+/-0.310 χ^2/NDF:50183.7/13

Left: 182.064+/-0.200 χ^2/NDF: 132527.5/28

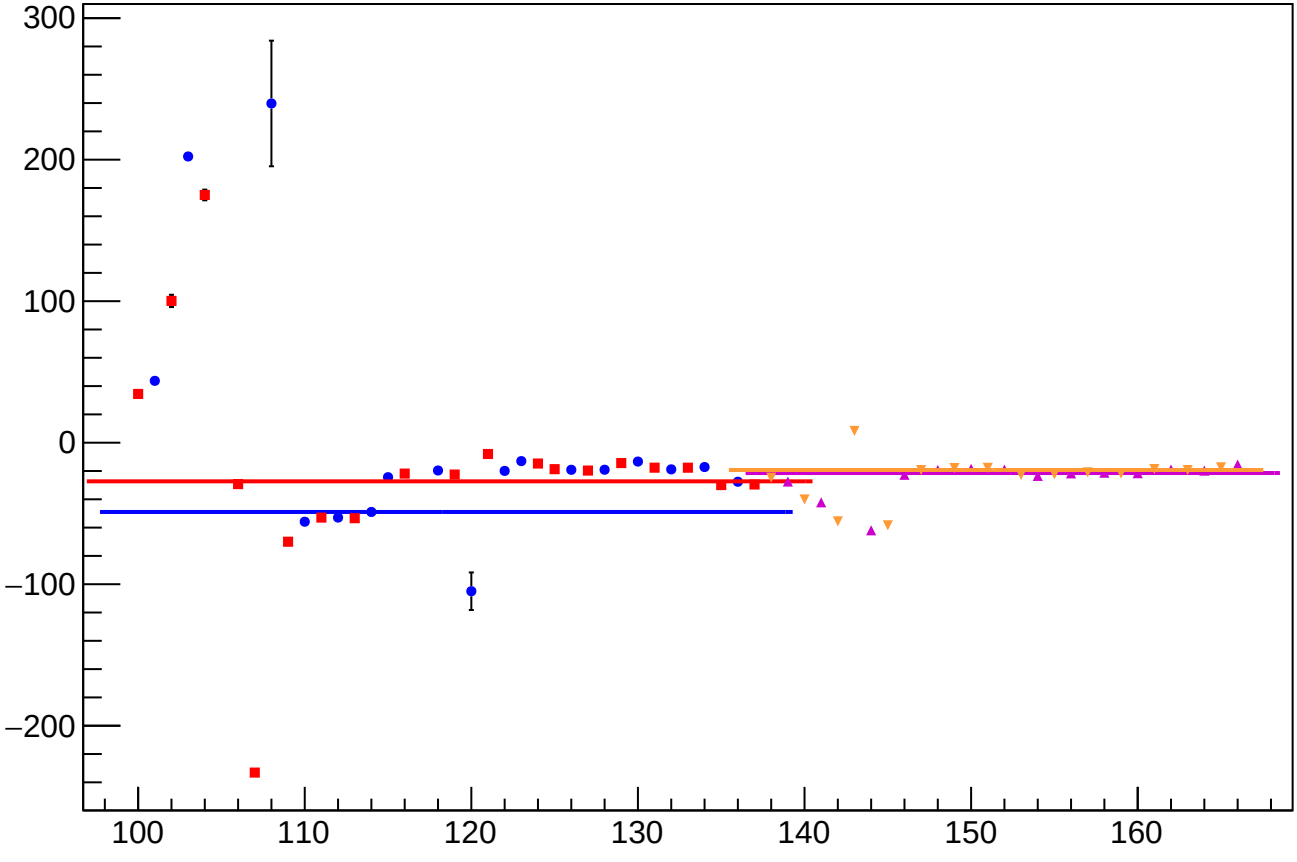
Right: 339.325+/-0.000 χ^2/NDF: 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF:1306246.6/30

Out: 126.100+/-0.193 χ^2/NDF:428509.8/33

All: 339.325+/-0.000 χ^2/NDF: 2953754.1/64

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF: 5408370.4/16

Left Out: -19.291+/-0.013 χ^2/NDF:564656.6/14

Right Out: -27.303+/-0.052 χ^2/NDF: 167879.9/18

Left In: -21.430+/-0.017 χ^2/NDF:129932.8/13

Left: -20.090+/-0.010 χ^2/NDF: 704791.0/28

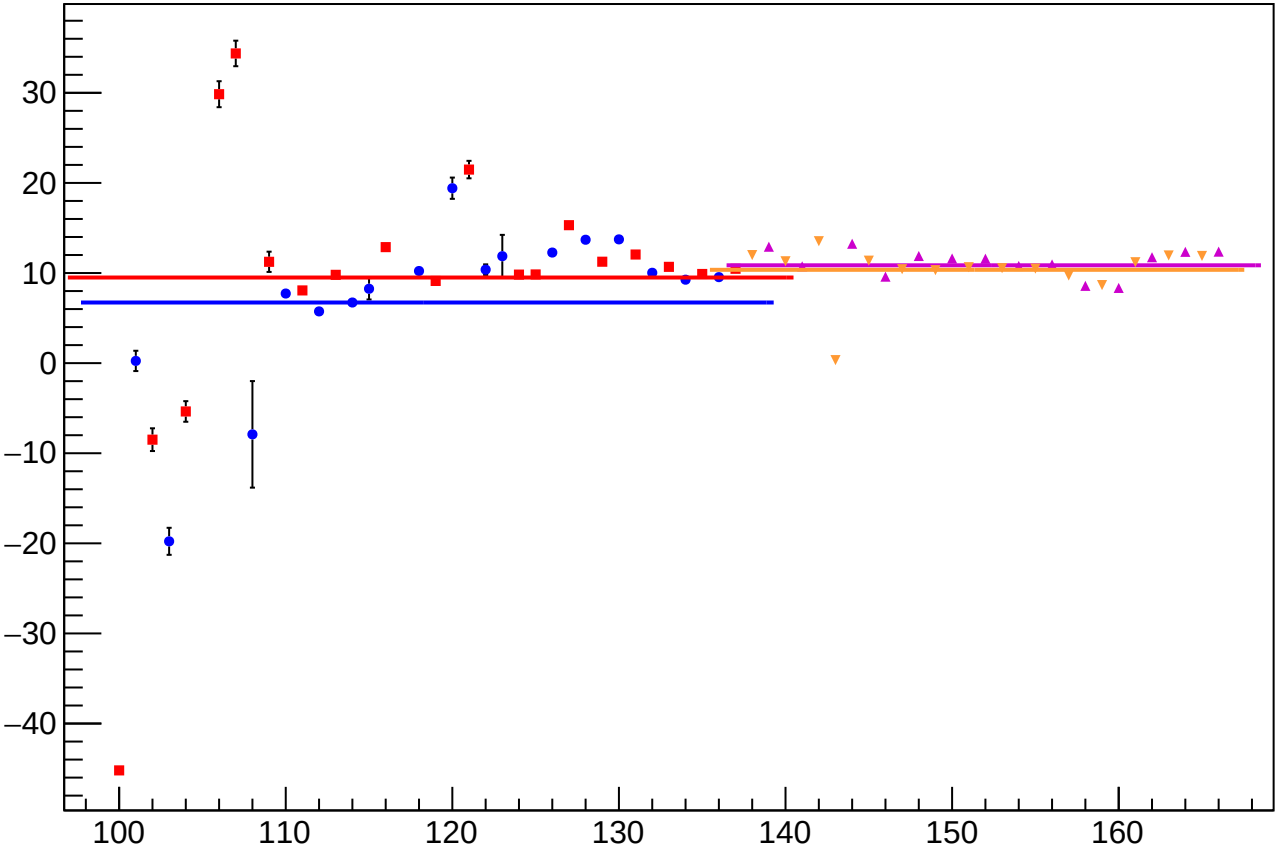
Right: -48.945+/-0.000 χ^2/NDF: 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF:8233384.3/30

Out: -19.764+/-0.013 χ^2/NDF:755140.9/33

All: -48.945+/-0.000 χ^2/NDF: 14386364.4/64

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF: 13749.2/16

Left Out: 10.357+/-0.017 χ^2/NDF:23967.8/14

Right Out: 9.502+/-0.036 χ^2/NDF: 26822.1/18

Left In: 10.858+/-0.014 χ^2/NDF:9017.0/13

Left: 10.645+/-0.011 χ^2/NDF: 33492.8/28

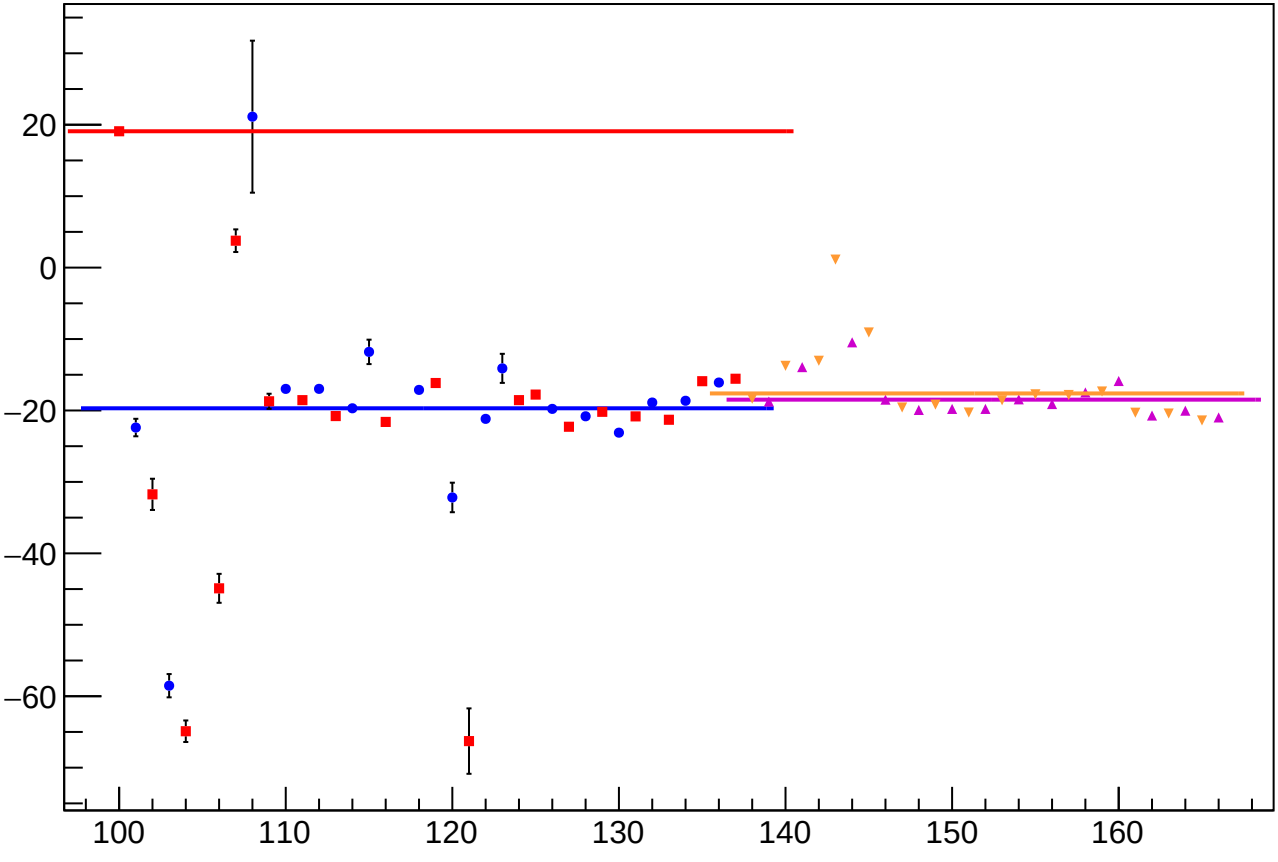
Right: 6.728+/-0.000 χ^2/NDF: 46635.2/35

In: 6.728+/-0.000 χ^2/NDF:103906.0/30

Out: 10.200+/-0.015 χ^2/NDF:51260.0/33

All: 6.728+/-0.000 χ^2/NDF: 206908.1/64

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF: 7579.0/16

Left Out: -17.615+/-0.020 χ^2/NDF:39826.1/14

Right Out: 19.086+/-0.000 χ^2/NDF: 610746.9/18

Left In: -18.485+/-0.020 χ^2/NDF:8066.2/13

Left: -18.063+/-0.014 χ^2/NDF: 48822.5/28

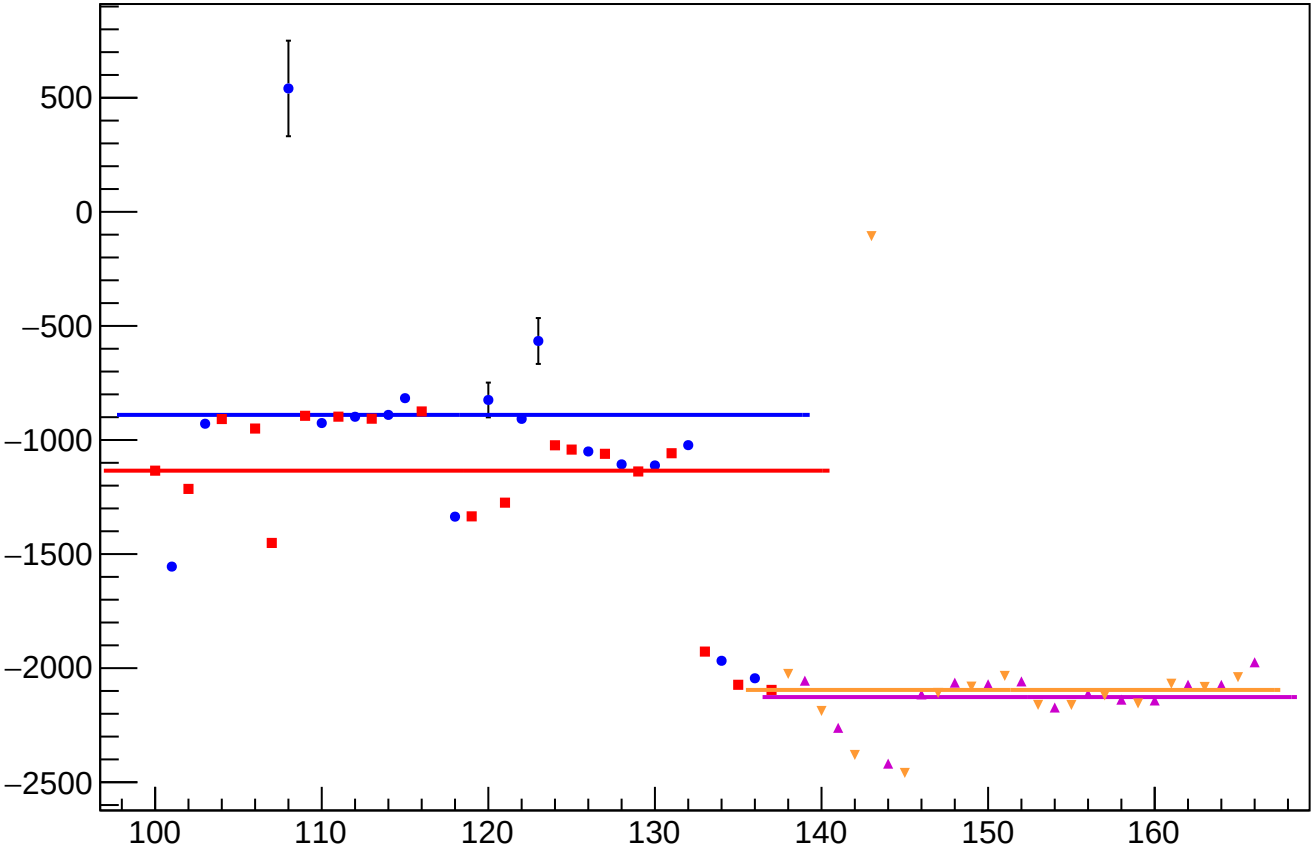
Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:19333.3/30

Out: 19.086+/-0.000 χ^2/NDF:3863519.9/33

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: -2095.506+/-0.482 χ^2/NDF:265639.6/14

Right Out: -1134.421+/-0.000 χ^2/NDF: 733812.0/18

Left In: -2126.769+/-0.479 χ^2/NDF:36481.9/13

Left: -2111.221+/-0.340 χ^2/NDF: 304239.0/28

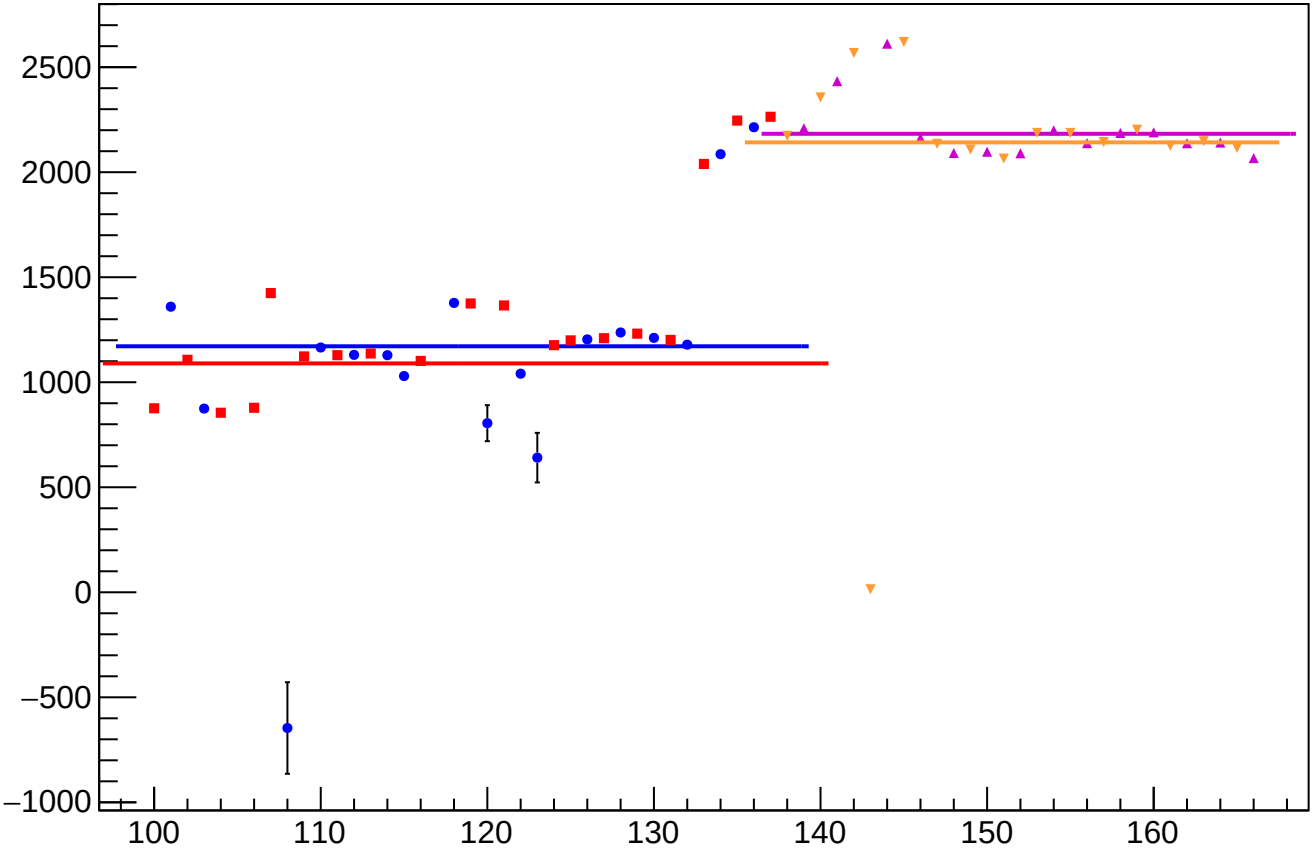
Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:7476325.8/30

Out: -1134.421+/-0.000 χ^2/NDF:4980546.6/33

All: -976.220+/-0.000 χ^2/NDF: 44889787387

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188+/-0.245 χ^2/NDF: 508989.2/16

Left Out: 2141.992+/-0.478 χ^2/NDF:303179.8/14

Right Out: 1089.705+/-0.253 χ^2/NDF: 1100321.6/18

Left In: 2182.896+/-0.480 χ^2/NDF:59050.7/13

Left: 2162.370+/-0.338 χ^2/NDF: 365881.1/28

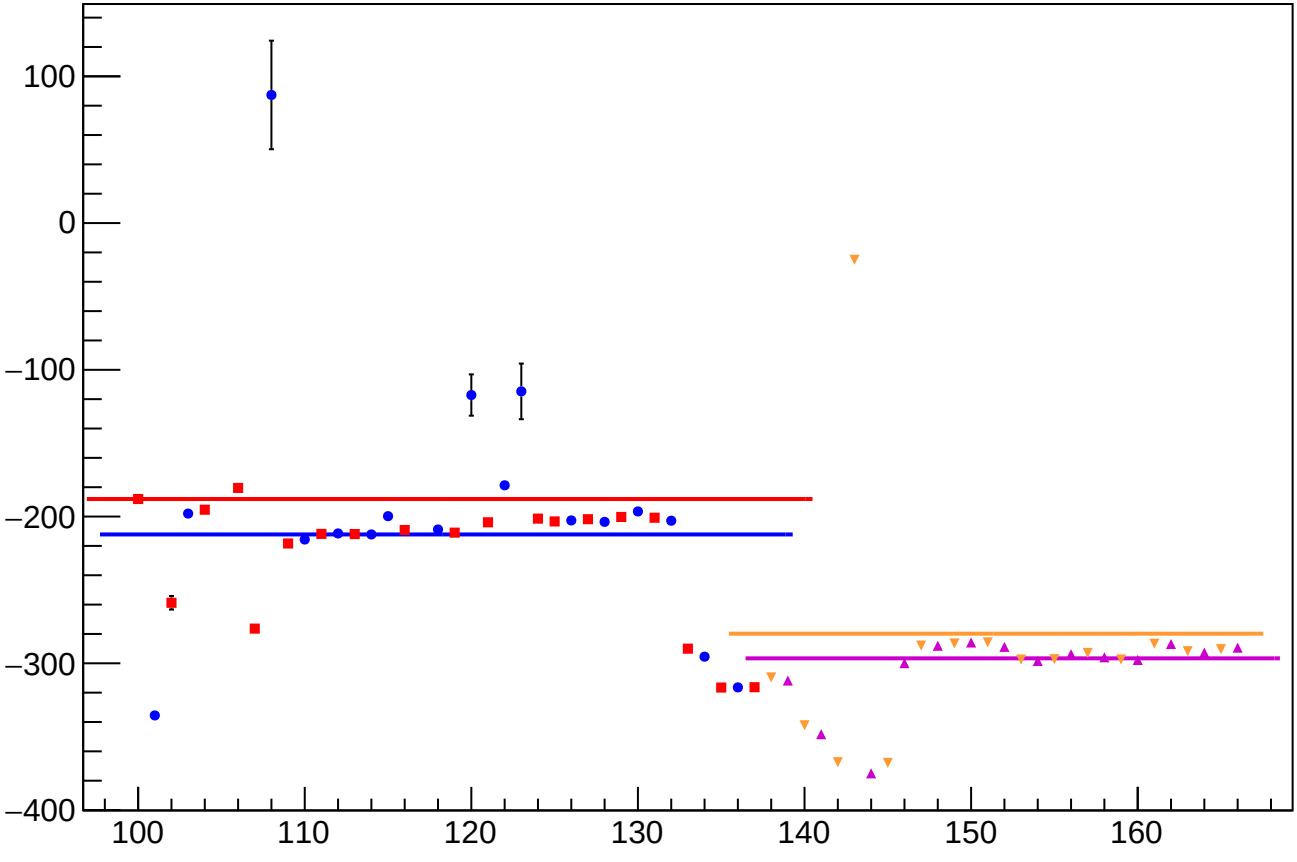
Right: 1131.764+/-0.176 χ^2/NDF: 1662665.0/35

In: 1381.091+/-0.218 χ^2/NDF:4095156.6/30

Out: 1320.742+/-0.224 χ^2/NDF:5188352.1/33

All: 1351.661+/-0.156 χ^2/NDF: 9320730.4/64

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF: 1149195.1/16

Left Out: -279.810+/-0.027 χ^2/NDF:5752803.6/14

Right Out: -188.033+/-0.000 χ^2/NDF: 602264.3/18

Left In: -296.623+/-0.026 χ^2/NDF:293792.1/13

Left: -288.666+/-0.019 χ^2/NDF: 6246229.5/28

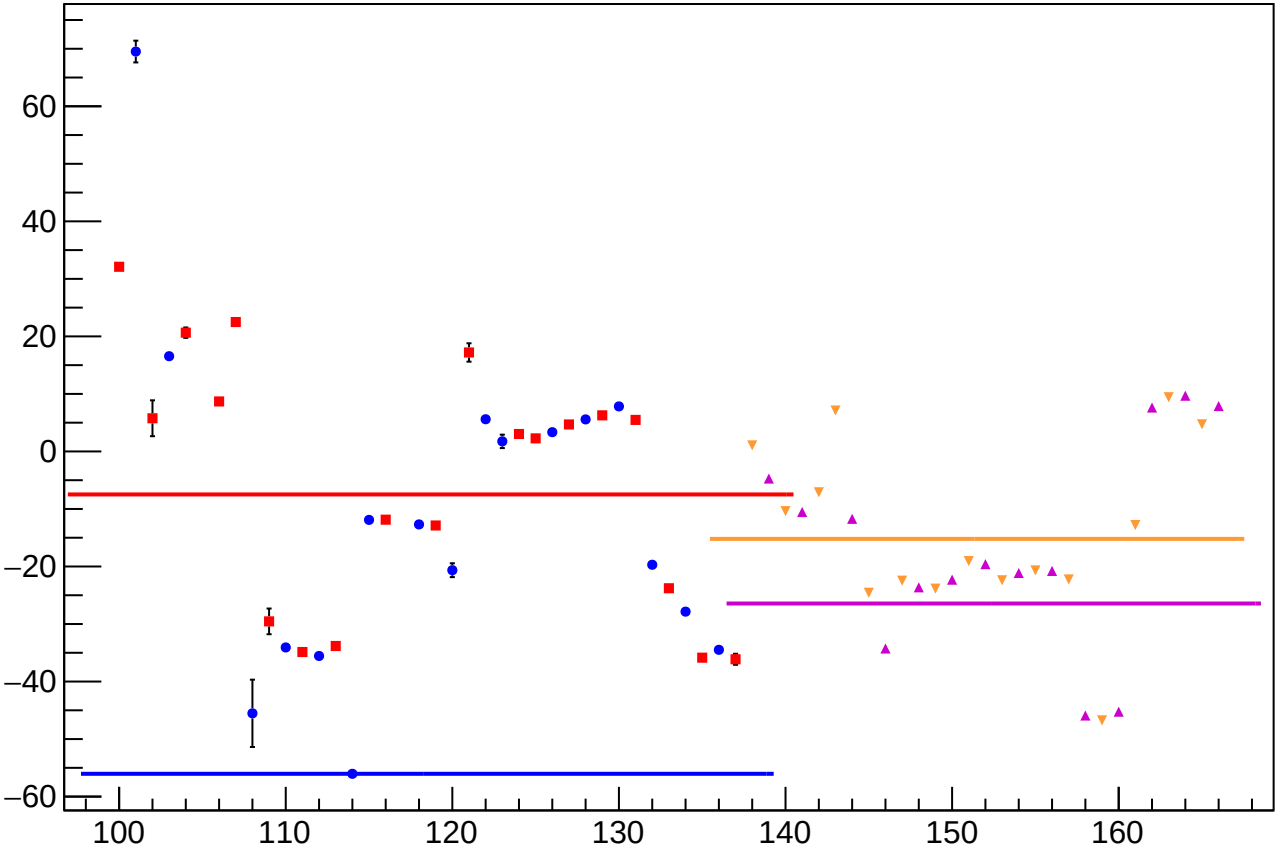
Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:12080424.0/30

Out: -188.033+/-0.000 χ^2/NDF:17647835.7/33

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: -15.197+/-0.023 χ^2/NDF:706822.1/14

Right Out: -7.476+/-0.042 χ^2/NDF: 173893.8/18

Left In: -26.435+/-0.024 χ^2/NDF:516025.8/13

Left: -20.611+/-0.017 χ^2/NDF: 1336086.3/28

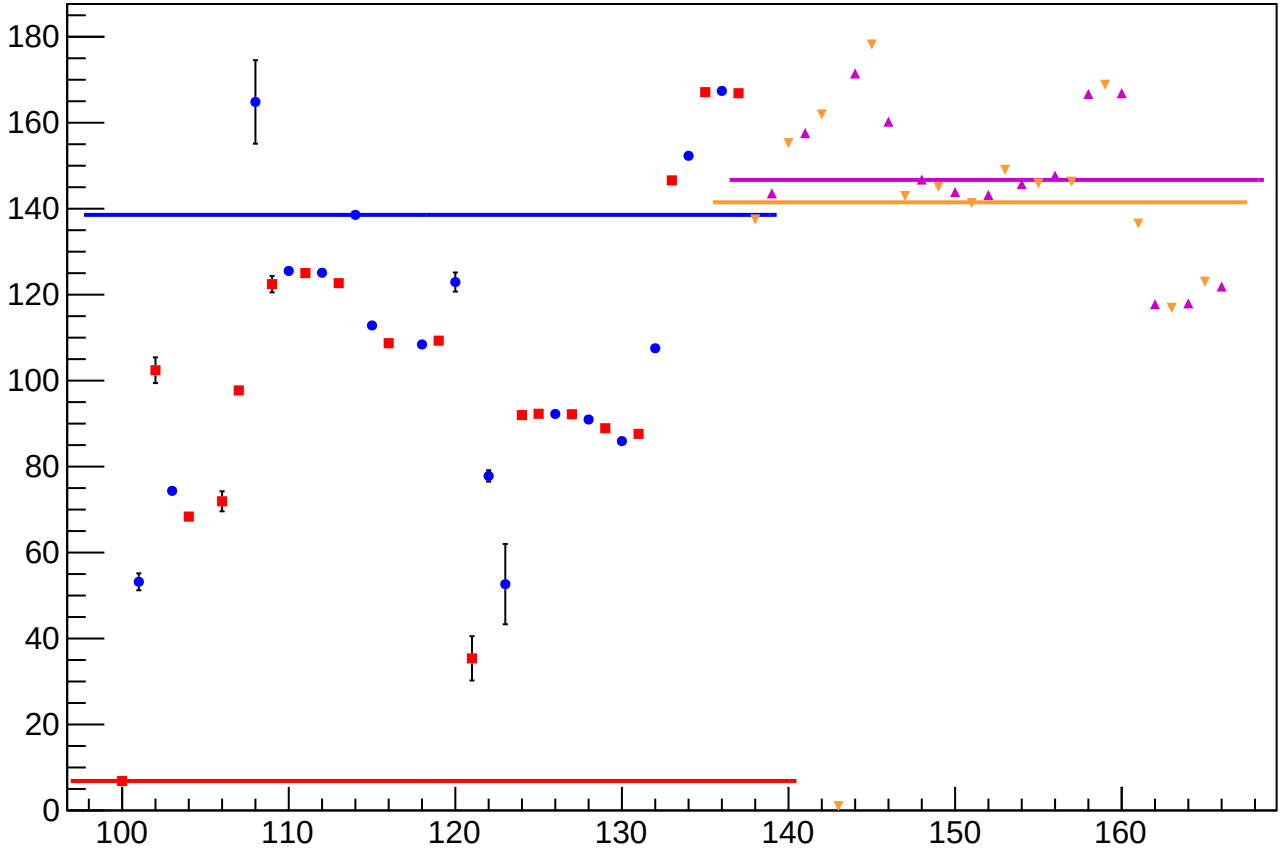
Right: -56.037+/-0.000 χ^2/NDF: 3084882.3/35

In: -56.037+/-0.000 χ^2/NDF:3617454.5/30

Out: -13.406+/-0.020 χ^2/NDF:906453.8/33

All: -56.037+/-0.000 χ^2/NDF: 8928031.9/64

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF: 901159.7/16

Left Out: 141.490+/-0.032 χ^2/NDF:478096.9/14

Right Out: 6.866+/-0.000 χ^2/NDF: 8047391.7/18

Left In: 146.703+/-0.033 χ^2/NDF:191972.9/13

Left: 144.035+/-0.023 χ^2/NDF: 683090.1/28

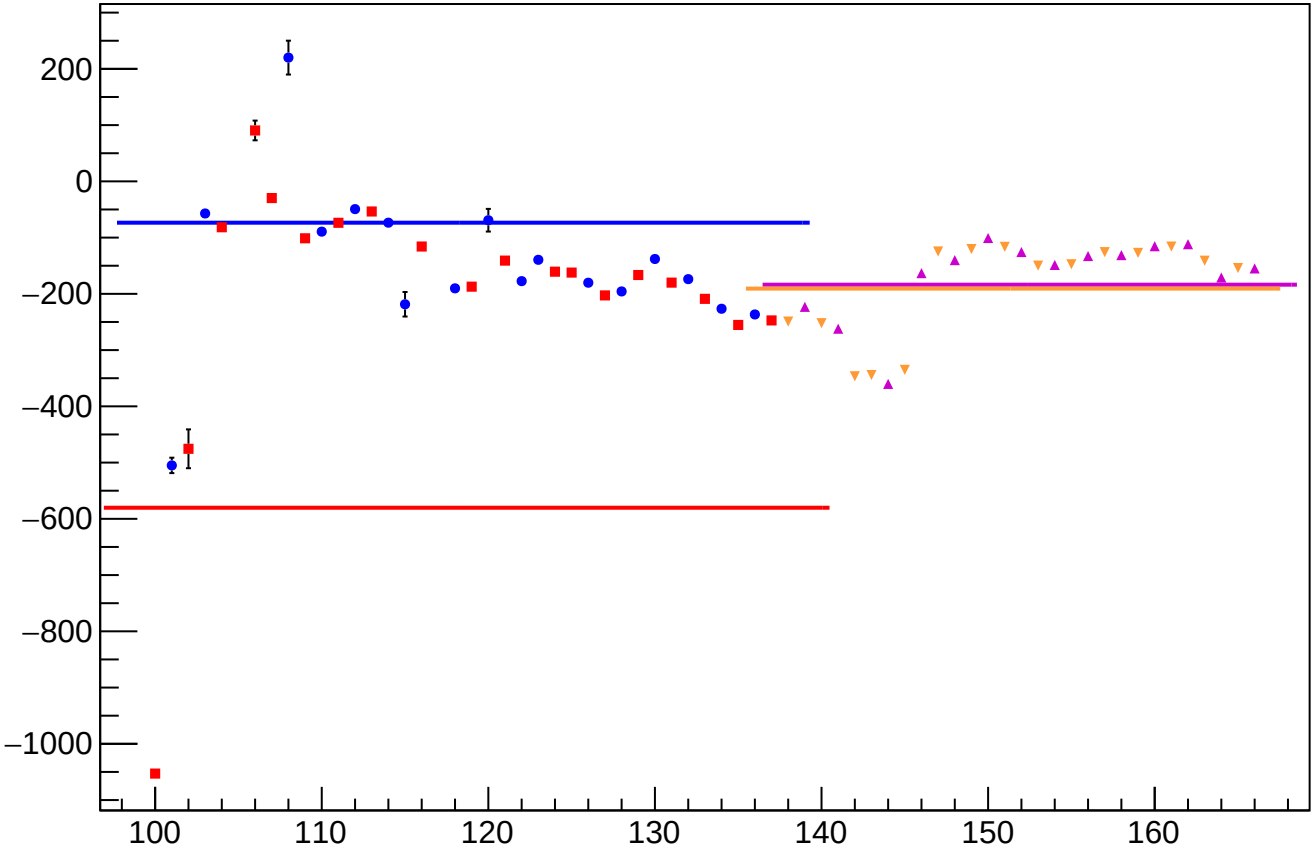
Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:1155137.8/30

Out: 6.866+/-0.000 χ^2/NDF:26310221.8/33

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: -190.709+/-0.309 χ^2/NDF:65512.0/14

Right Out: -580.262+/-0.261 χ^2/NDF: 3031609.5/18

Left In: -183.701+/-0.331 χ^2/NDF:60706.4/13

Left: -187.446+/-0.226 χ^2/NDF: 126457.4/28

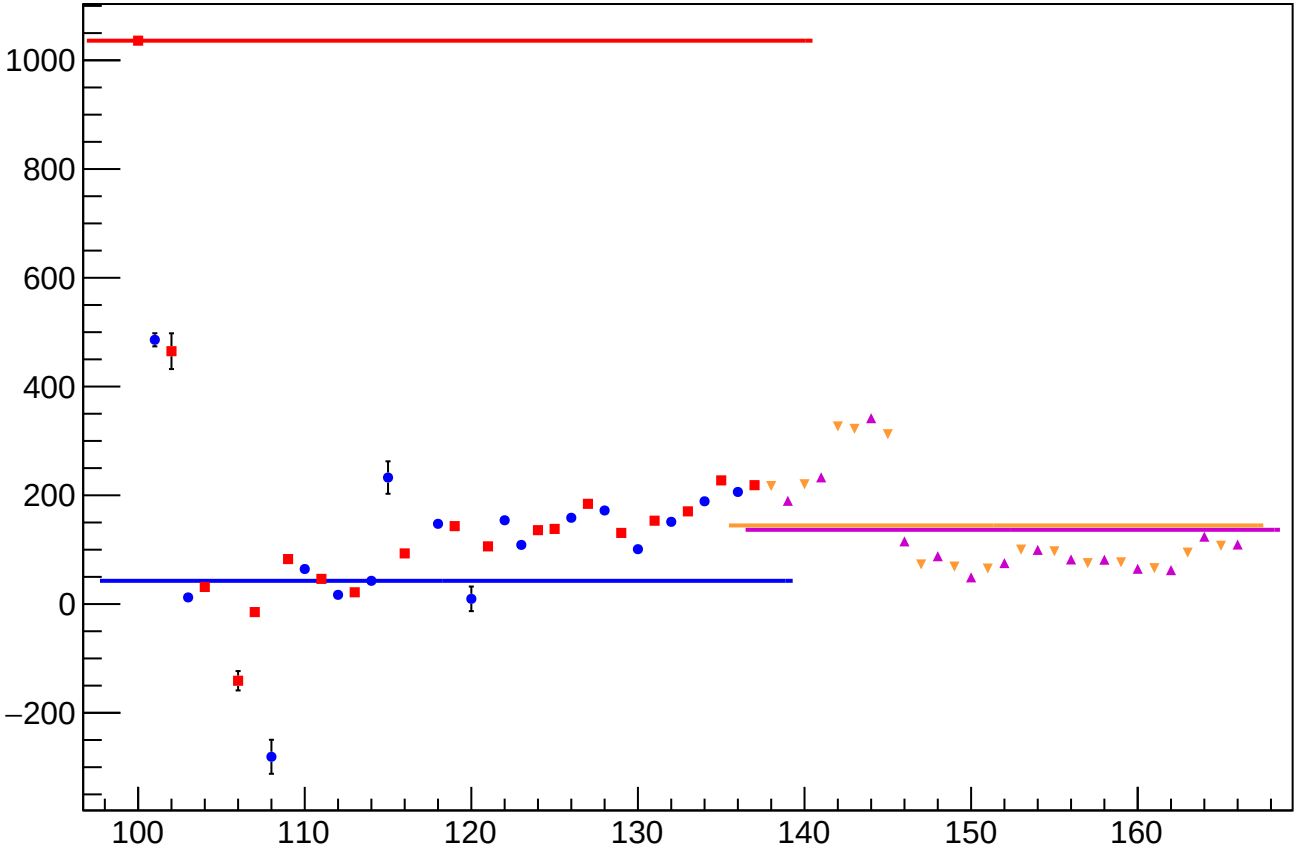
Right: -73.485+/-0.000 χ^2/NDF: 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF:270020.0/30

Out: -418.307+/-0.199 χ^2/NDF:4023683.9/33

All: -73.485+/-0.000 χ^2/NDF: 7282531.1/64

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF: 84599.8/16

Left Out: 144.590+/-0.314 χ^2/NDF:80137.8/14

Right Out: 1036.068+/-0.000 χ^2/NDF: 4933722.5/18

Left In: 136.569+/-0.338 χ^2/NDF:70218.6/13

Left: 140.884+/-0.230 χ^2/NDF: 150658.7/28

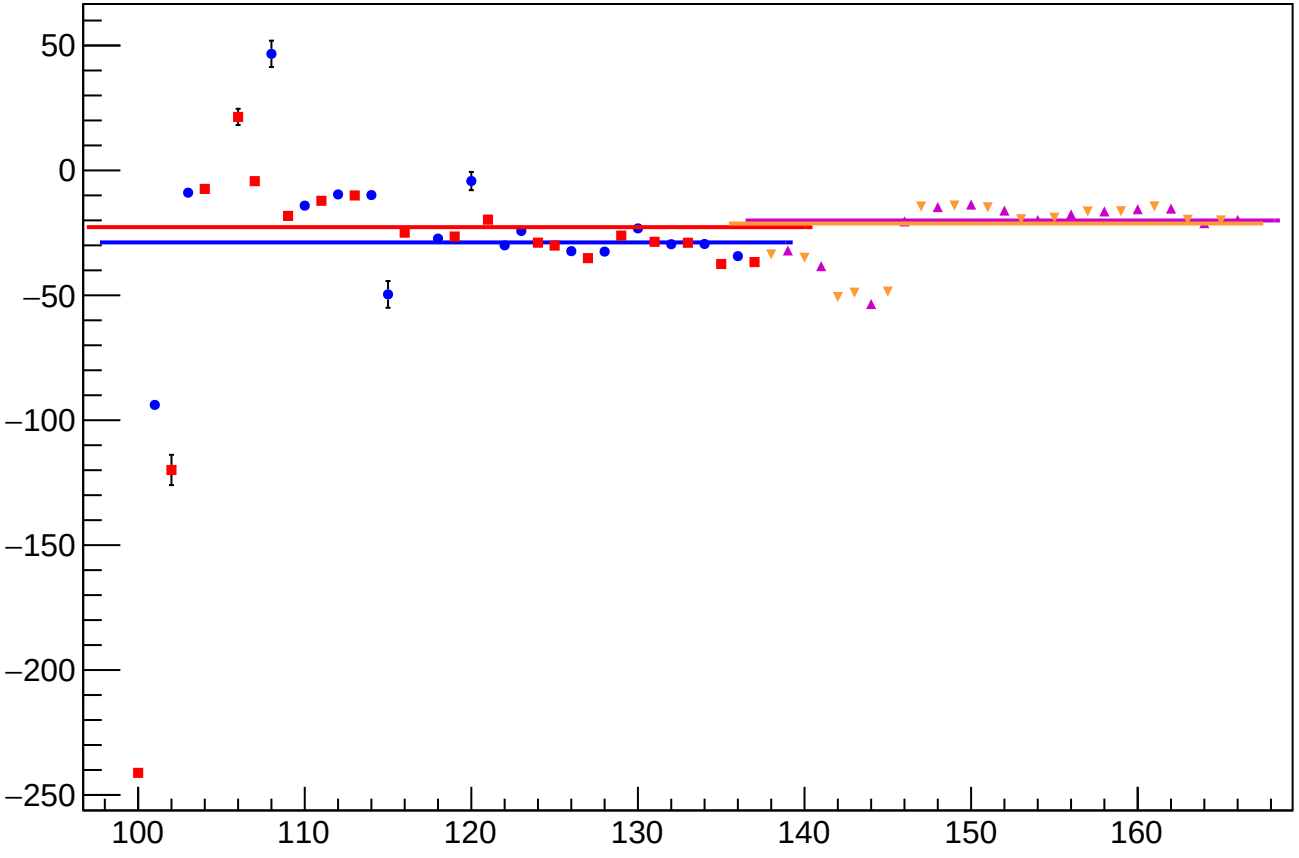
Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:231726.5/30

Out: 1036.068+/-0.000 χ^2/NDF:13099315.6/33

All: 43.272+/-0.000 χ^2/NDF: 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822+/-0.035 χ^2/NDF: 49503.4/16

Left Out: -21.251+/-0.016 χ^2/NDF:344522.4/14

Right Out: -22.707+/-0.038 χ^2/NDF: 410174.9/18

Left In: -20.048+/-0.018 χ^2/NDF:200365.7/13

Left: -20.720+/-0.012 χ^2/NDF: 547516.7/28

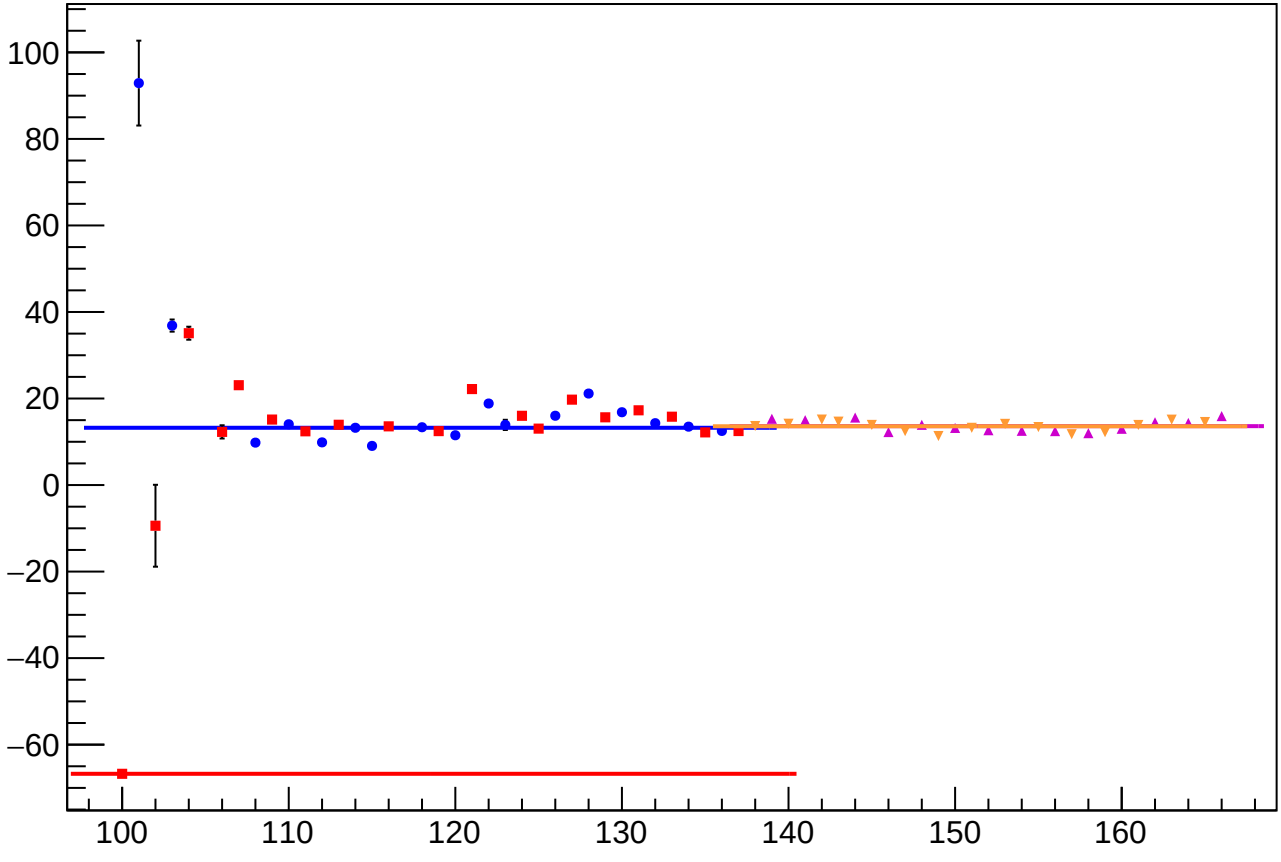
Right: -26.045+/-0.026 χ^2/NDF: 473753.1/35

In: -21.829+/-0.016 χ^2/NDF:300711.1/30

Out: -21.460+/-0.014 χ^2/NDF:755949.4/33

All: -21.629+/-0.011 χ^2/NDF: 1056962.1/64

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238+/-0.000 χ^2/NDF: 5756.1/16

Left Out: 13.588+/-0.015 χ^2/NDF:5563.0/14

Right Out: -66.739+/-0.000 χ^2/NDF: 3023648.4/18

Left In: 13.612+/-0.016 χ^2/NDF:5968.6/13

Left: 13.600+/-0.011 χ^2/NDF: 11532.8/28

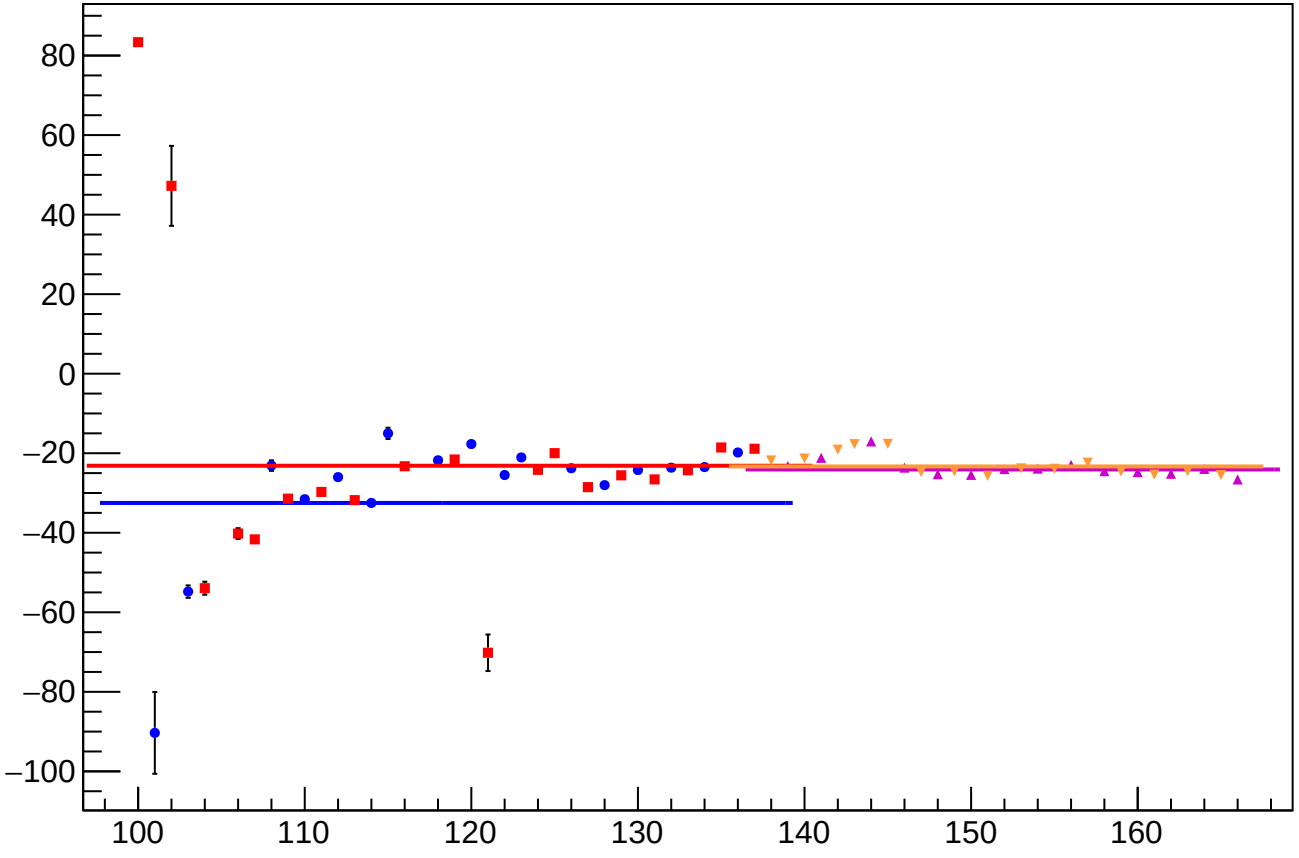
Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:12303.2/30

Out: -66.739+/-0.000 χ^2/NDF:32534447.3/33

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: -23.326+/-0.021 χ^2/NDF:12827.5/14

Right Out: -23.151+/-0.048 χ^2/NDF: 90749.4/18

Left In: -24.083+/-0.019 χ^2/NDF:6495.5/13

Left: -23.737+/-0.014 χ^2/NDF: 20027.0/28

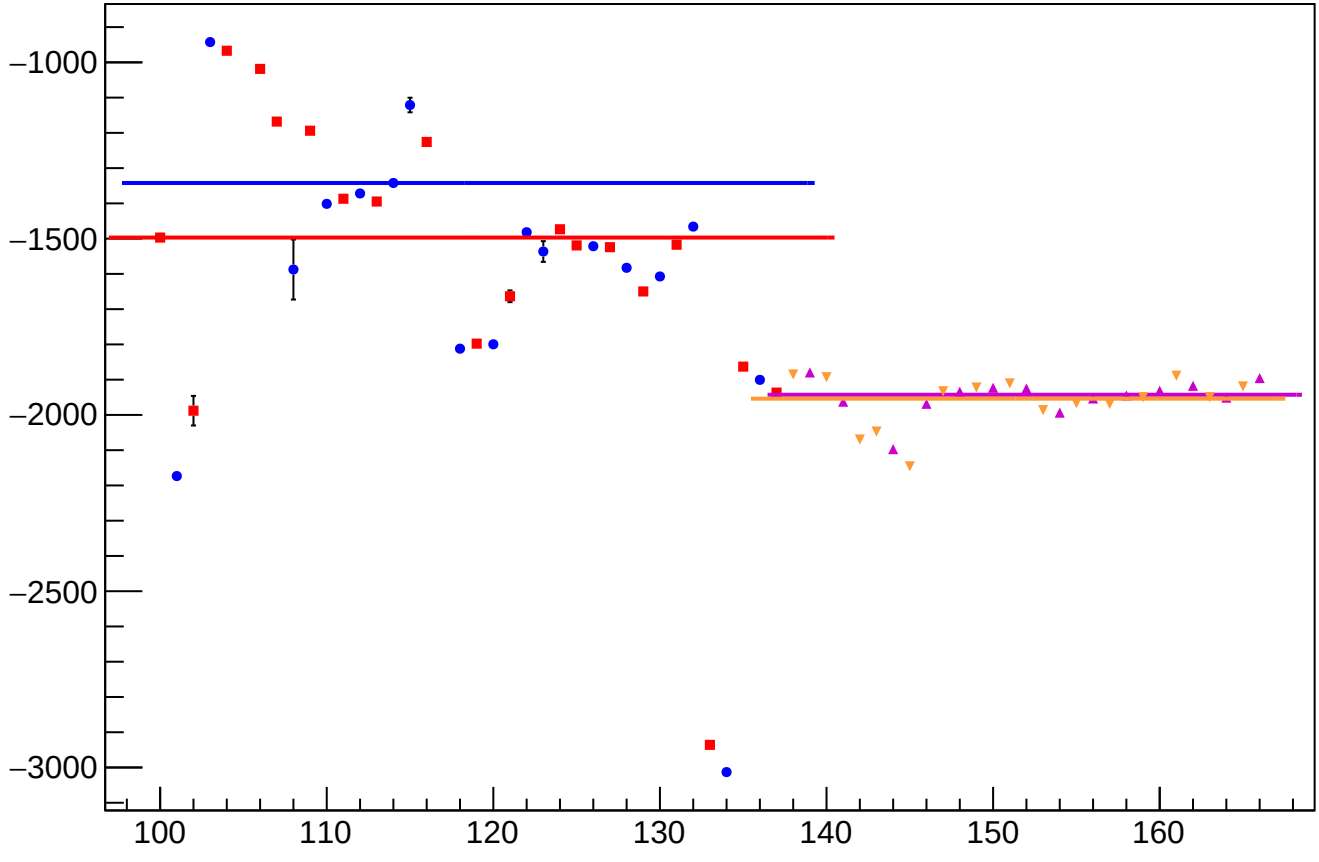
Right: -32.504+/-0.000 χ^2/NDF: 203519.3/35

In: -32.504+/-0.000 χ^2/NDF:271245.9/30

Out: -23.298+/-0.019 χ^2/NDF:103588.2/33

All: -32.504+/-0.000 χ^2/NDF: 604081.1/64

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF: 370901.4/16

Left Out: -1953.910+/-0.417 χ^2/NDF:15486.1/14

Right Out: -1496.932+/-0.000 χ^2/NDF: 504712.5/18

Left In: -1942.766+/-0.342 χ^2/NDF:16247.9/13

Left: -1947.247+/-0.265 χ^2/NDF: 32160.6/28

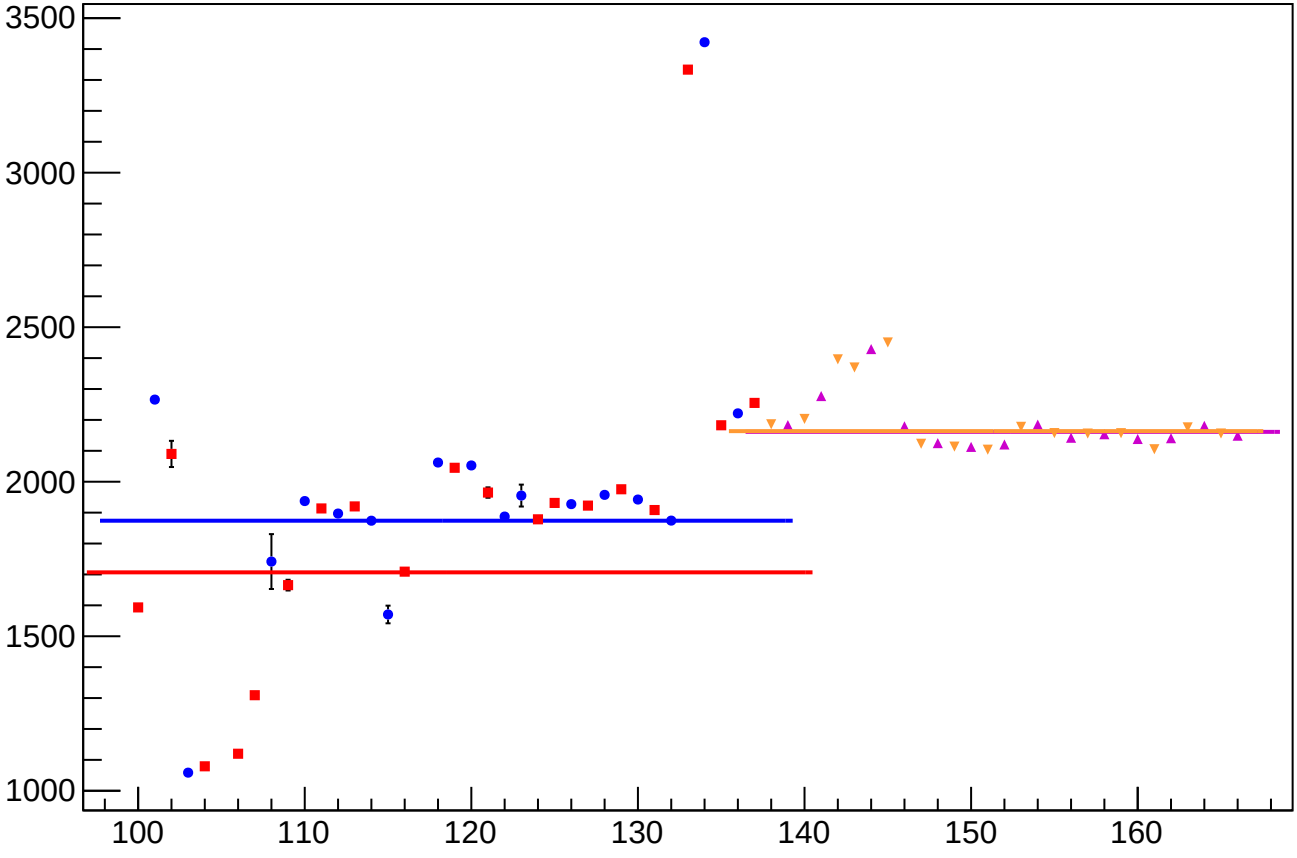
Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:3469021.8/30

Out: -1496.932+/-0.000 χ^2/NDF:1719910.0/33

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: 2163.668+/-0.421 χ^2/NDF:28064.5/14

Right Out: 1706.739+/-0.302 χ^2/NDF: 837936.9/18

Left In: 2161.325+/-0.342 χ^2/NDF:36752.1/13

Left: 2162.257+/-0.265 χ^2/NDF: 64835.3/28

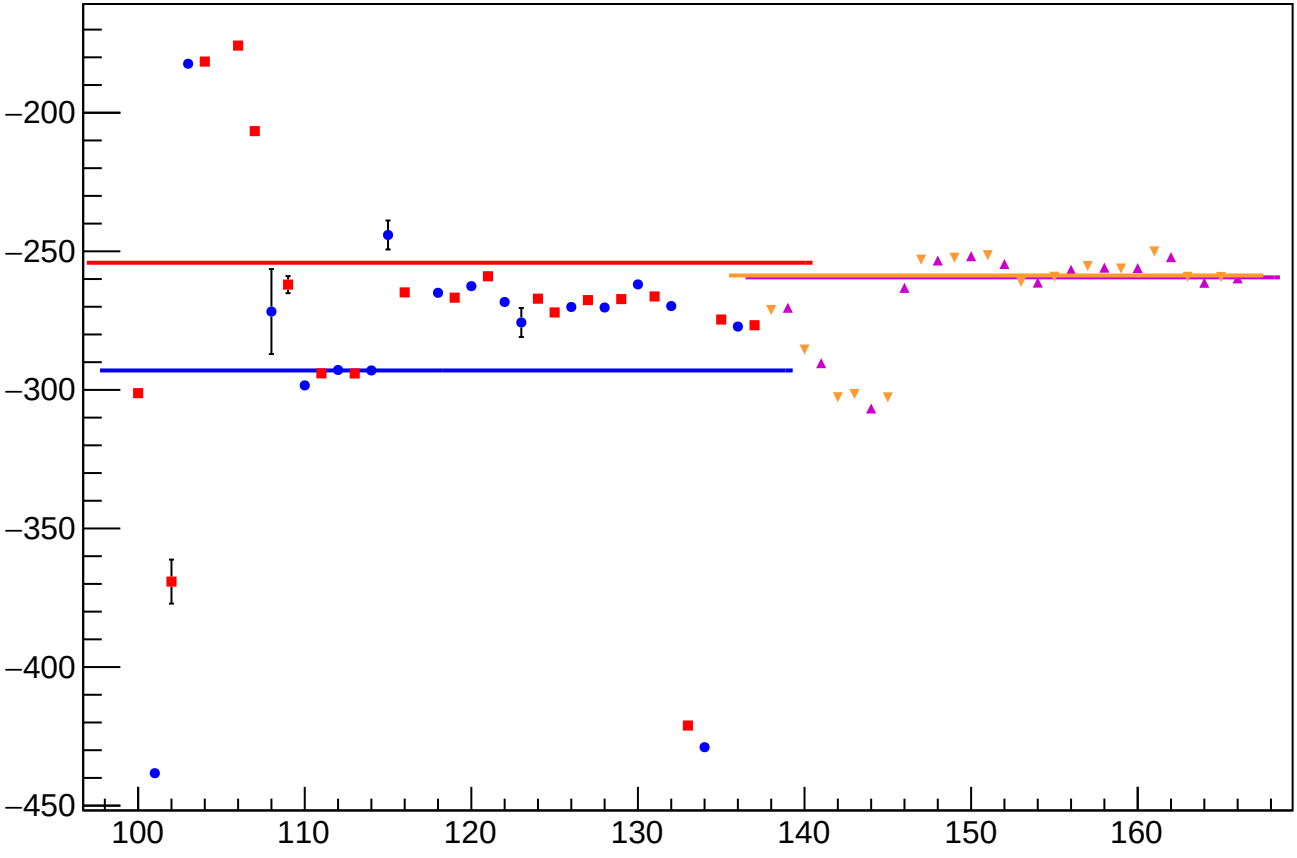
Right: 1873.852+/-0.000 χ^2/NDF: 1344906.8/35

In: 1873.852+/-0.000 χ^2/NDF:944326.7/30

Out: 1862.384+/-0.246 χ^2/NDF:1643756.0/33

All: 1873.852+/-0.000 χ^2/NDF: 2590263.8/64

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF: 1015592.4/16

Left Out: -258.716+/-0.024 χ^2/NDF:204737.0/14

Right Out: -254.119+/-0.059 χ^2/NDF: 502658.5/18

Left In: -259.397+/-0.020 χ^2/NDF:248083.2/13

Left: -259.118+/-0.015 χ^2/NDF: 453298.6/28

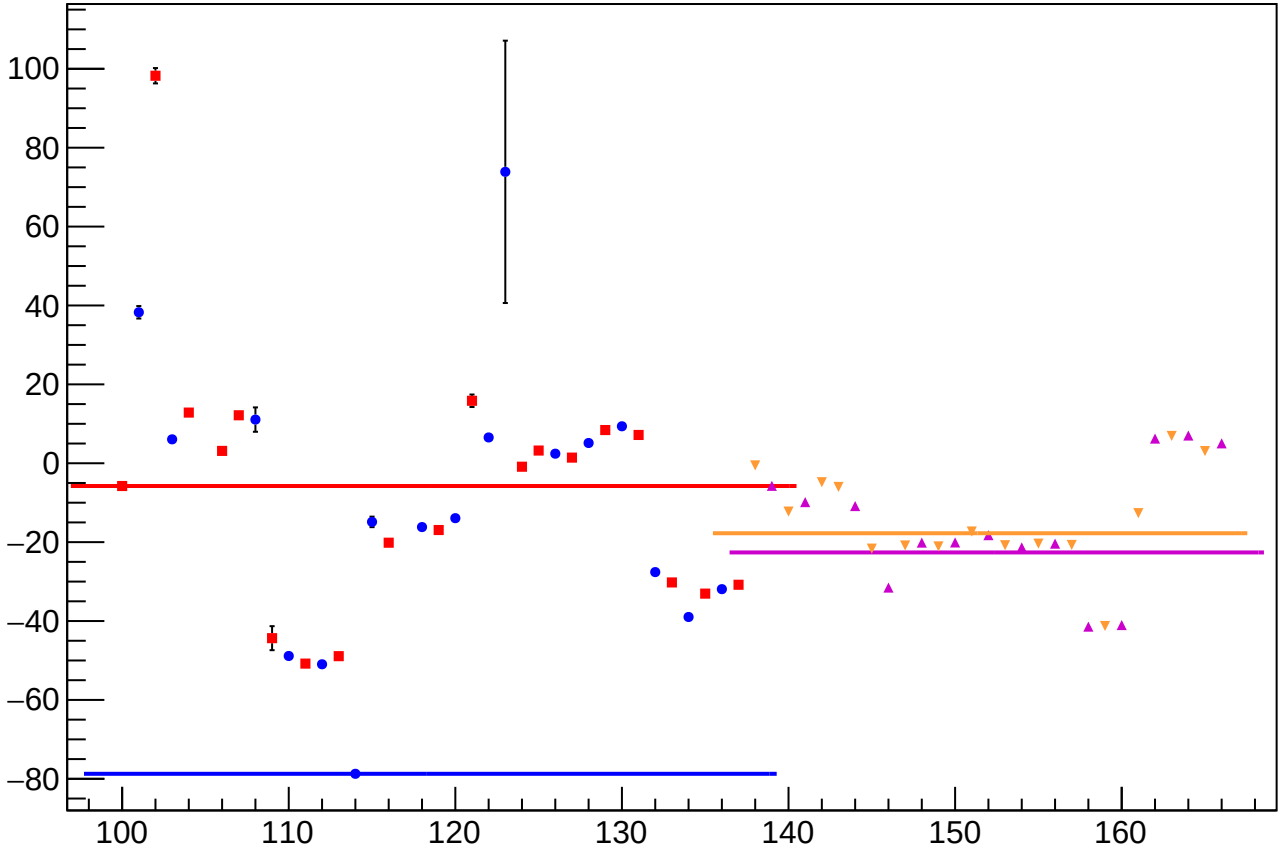
Right: -292.986+/-0.000 χ^2/NDF: 1952225.7/35

In: -292.986+/-0.000 χ^2/NDF:4109698.9/30

Out: -258.067+/-0.022 χ^2/NDF:712610.2/33

All: -292.986+/-0.000 χ^2/NDF: 7304277.0/64

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF: 1399088.3/16

Left Out: -17.743+/-0.023 χ^2/NDF:457080.6/14

Right Out: -5.769+/-0.000 χ^2/NDF: 111570.1/18

Left In: -22.611+/-0.020 χ^2/NDF:500479.1/13

Left: -20.553+/-0.015 χ^2/NDF: 982877.8/28

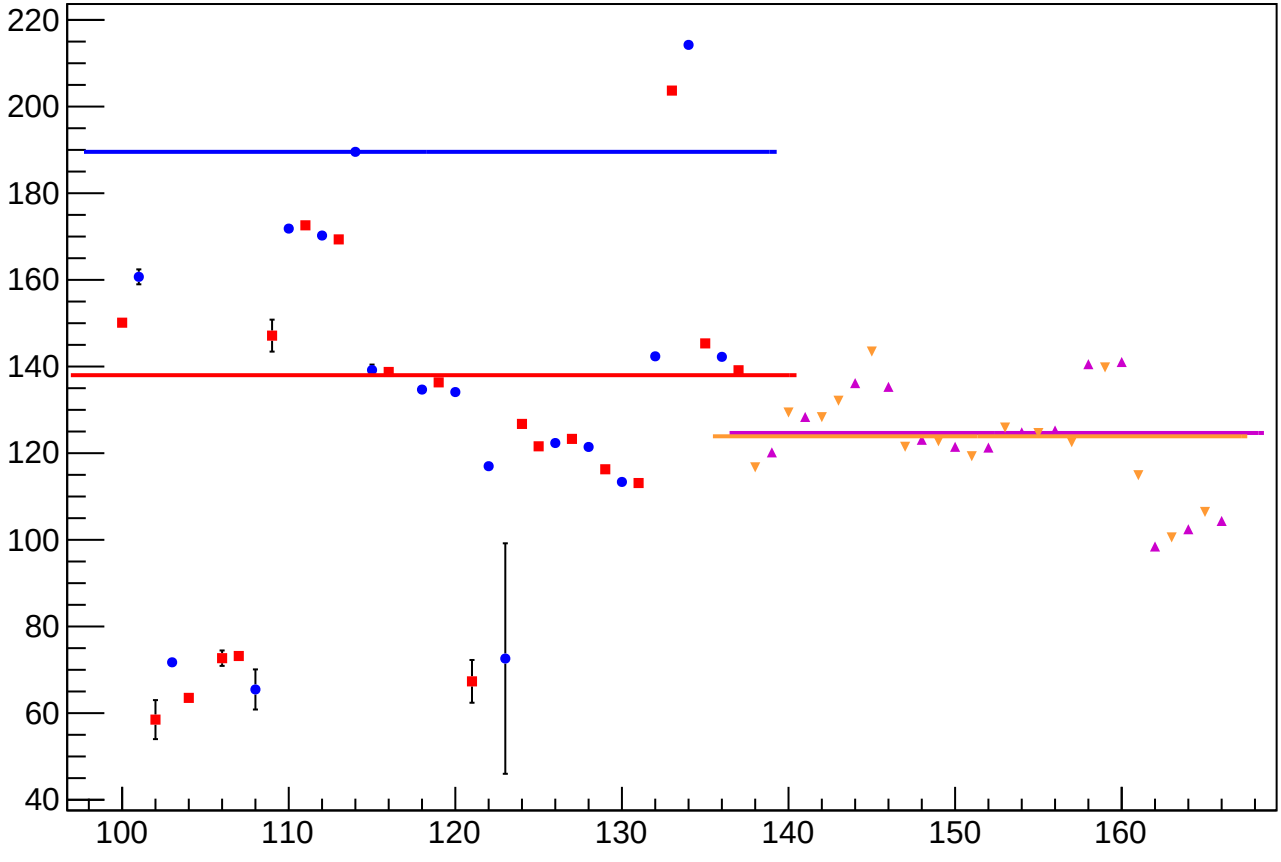
Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:9858805.8/30

Out: -5.769+/-0.000 χ^2/NDF:834035.2/33

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551+/-0.000 χ^2/NDF: 927391.8/16

Left Out: 123.898+/-0.029 χ^2/NDF:107716.0/14

Right Out: 138.002+/-0.059 χ^2/NDF: 117357.8/18

Left In: 124.664+/-0.029 χ^2/NDF:168413.2/13

Left: 124.285+/-0.020 χ^2/NDF: 276487.1/28

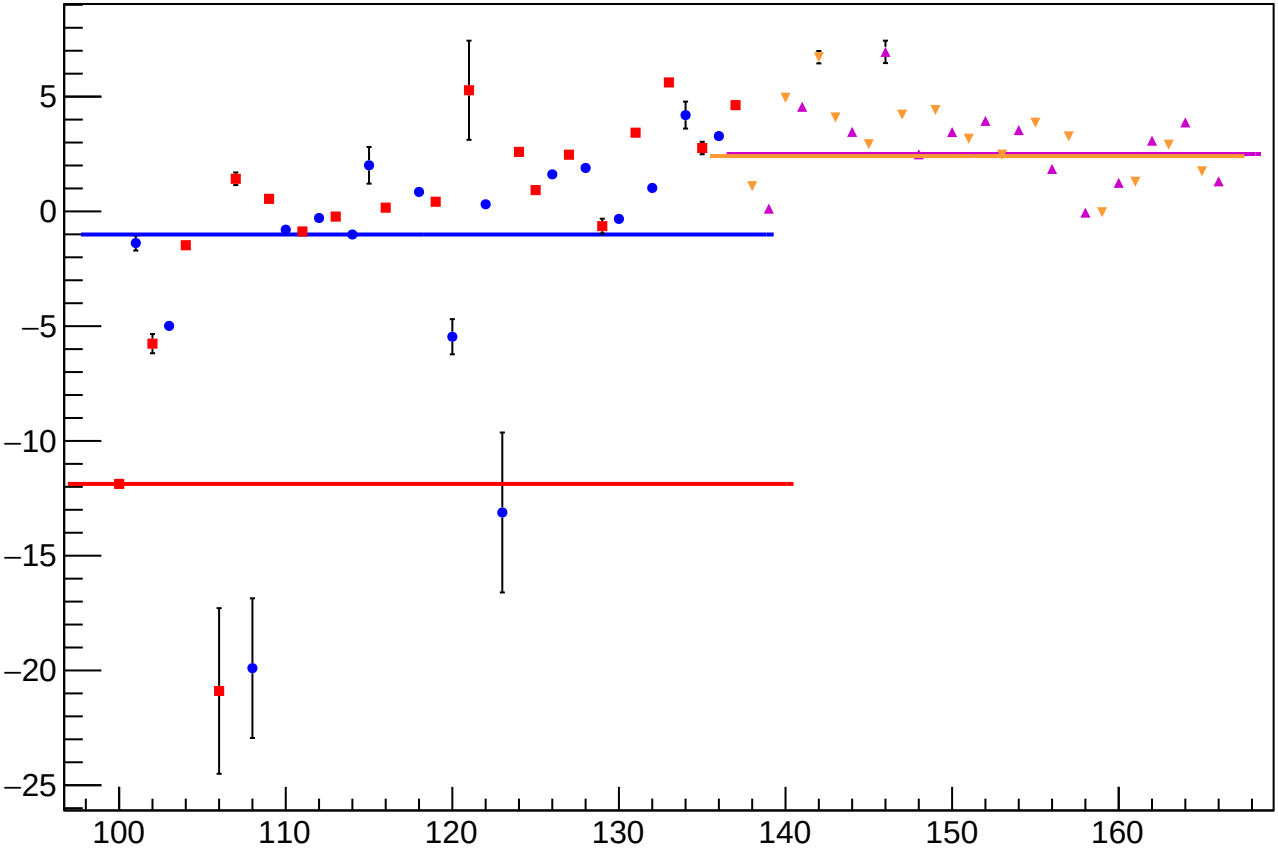
Right: 189.551+/-0.000 χ^2/NDF: 1806450.5/35

In: 189.551+/-0.000 χ^2/NDF:6279295.4/30

Out: 126.607+/-0.026 χ^2/NDF:271140.9/33

All: 189.551+/-0.000 χ^2/NDF: 12463302.5/64

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007+/-0.000 χ^2/NDF: 7057.7/16

Left Out: 2.410+/-0.025 χ^2/NDF:4912.9/14

Right Out: -11.872+/-0.000 χ^2/NDF: 503632.2/18

Left In: 2.500+/-0.019 χ^2/NDF:6405.6/13

Left: 2.468+/-0.015 χ^2/NDF: 11326.5/28

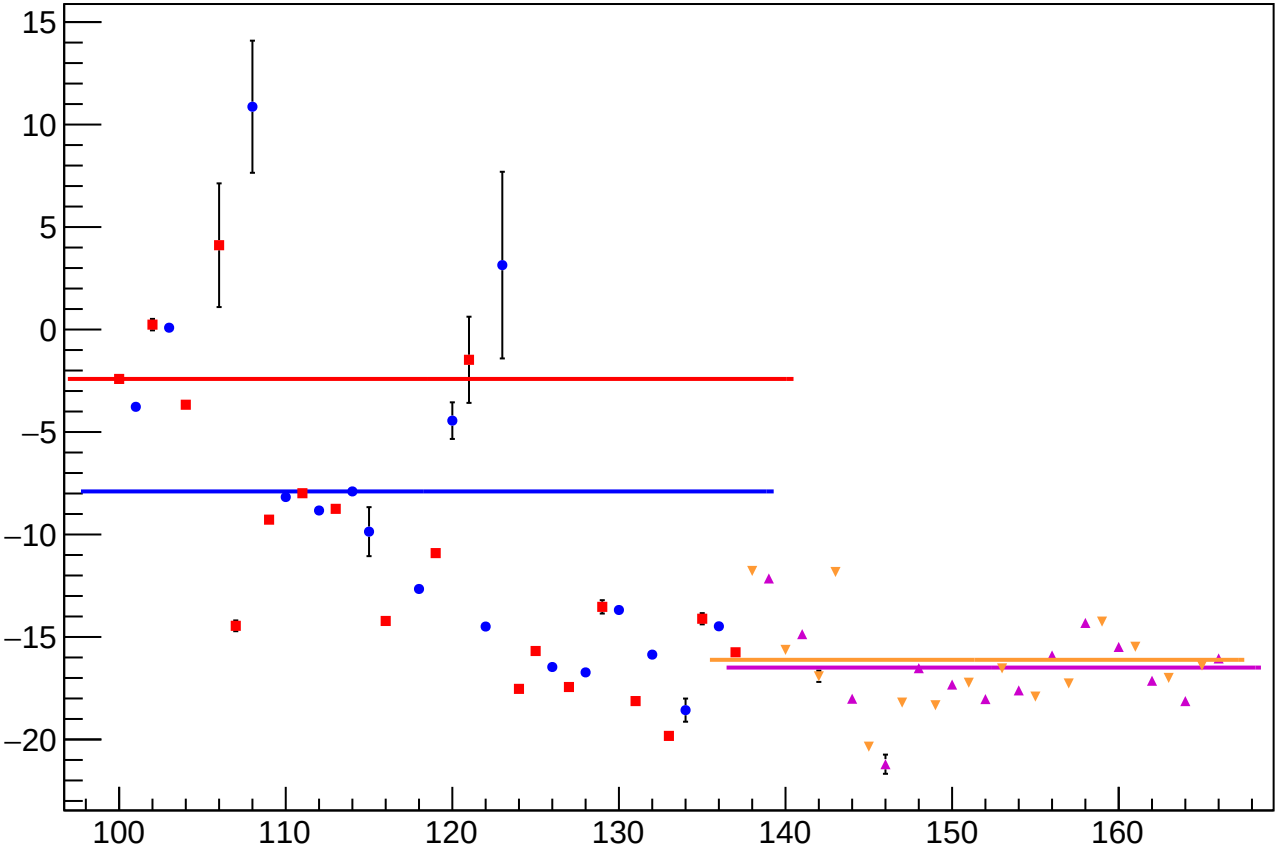
Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:47310.5/30

Out: -11.872+/-0.000 χ^2/NDF:822519.1/33

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: -16.114+/-0.025 χ^2/NDF:6085.5/14

Right Out: -2.410+/-0.000 χ^2/NDF: 203043.8/18

Left In: -16.493+/-0.020 χ^2/NDF:5357.2/13

Left: -16.347+/-0.016 χ^2/NDF: 11580.4/28

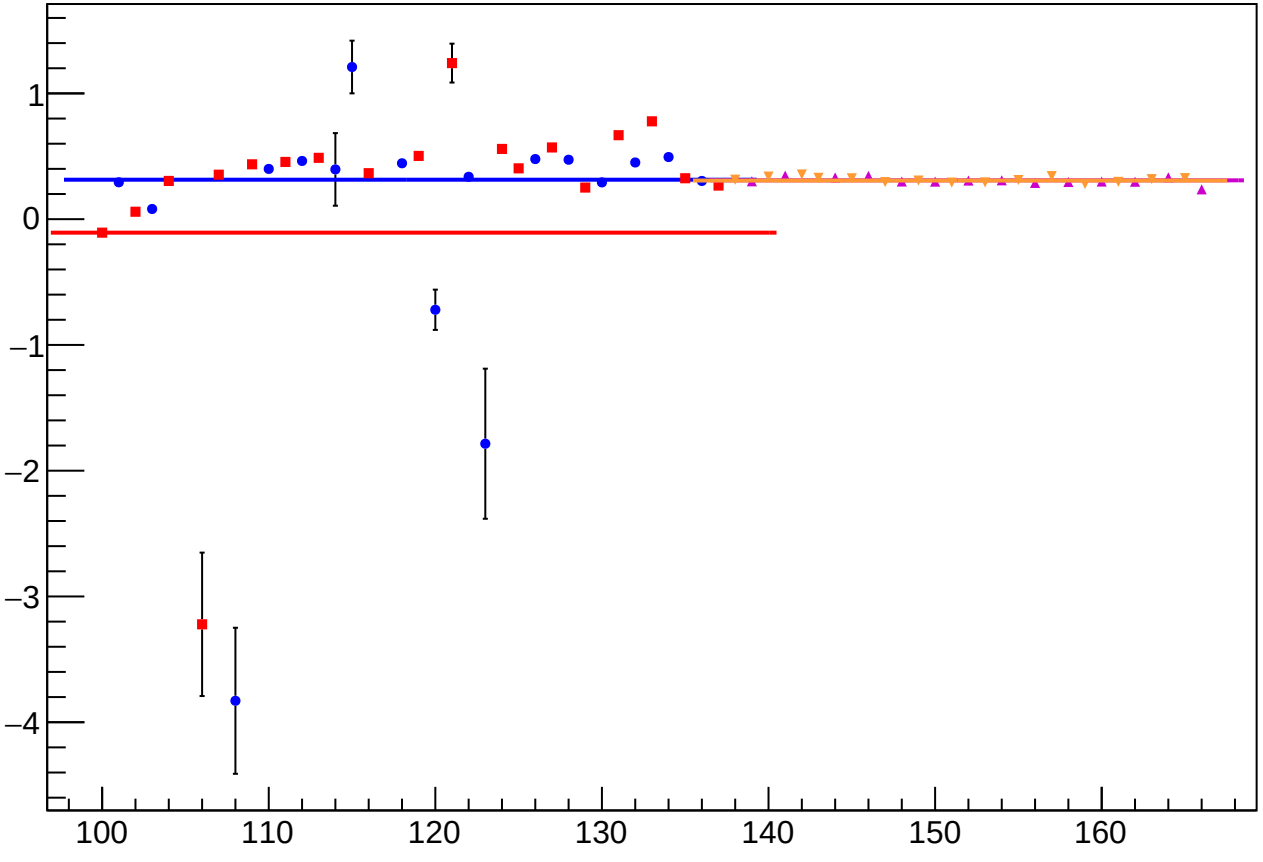
Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:229379.0/30

Out: -2.410+/-0.000 χ^2/NDF:502161.7/33

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: 0.307+/-0.000 χ^2/NDF:3422.0/14

Right Out: -0.107+/-0.000 χ^2/NDF: 219932.8/18

Left In: 0.309+/-0.000 χ^2/NDF:2639.5/13

Left: 0.308+/-0.000 χ^2/NDF: 6076.1/28

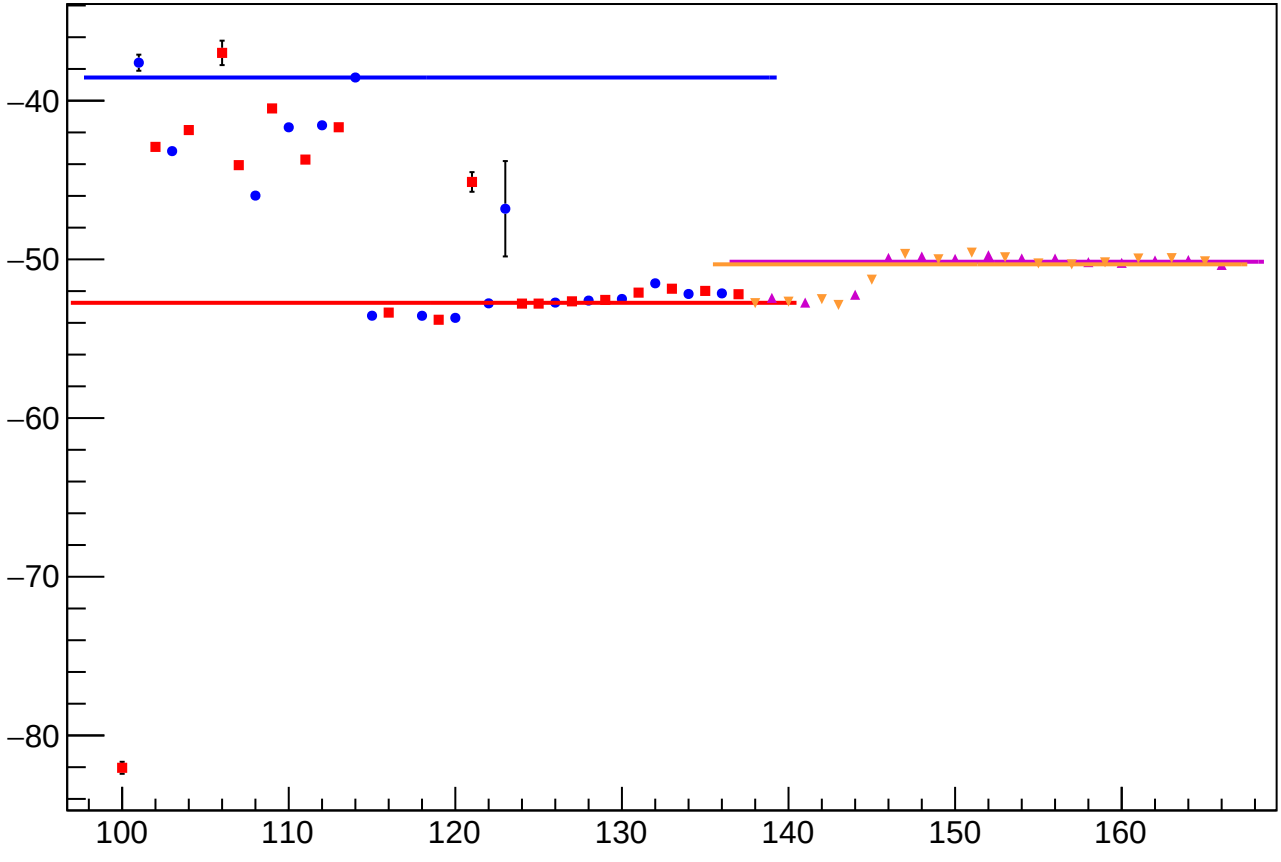
Right: -0.107+/-0.000 χ^2/NDF: 409026.8/35

In: 0.309+/-0.000 χ^2/NDF:5410.7/30

Out: -0.107+/-0.000 χ^2/NDF:1924393.6/33

All: -0.107+/-0.000 χ^2/NDF: 4028370.1/64

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF: 14950854.6/16

Left Out: -50.312+/-0.002 χ^2/NDF:251190.1/14

Right Out: -52.737+/-0.002 χ^2/NDF: 87430.2/18

Left In: -50.148+/-0.002 χ^2/NDF:154461.0/13

Left: -50.215+/-0.001 χ^2/NDF: 410264.2/28

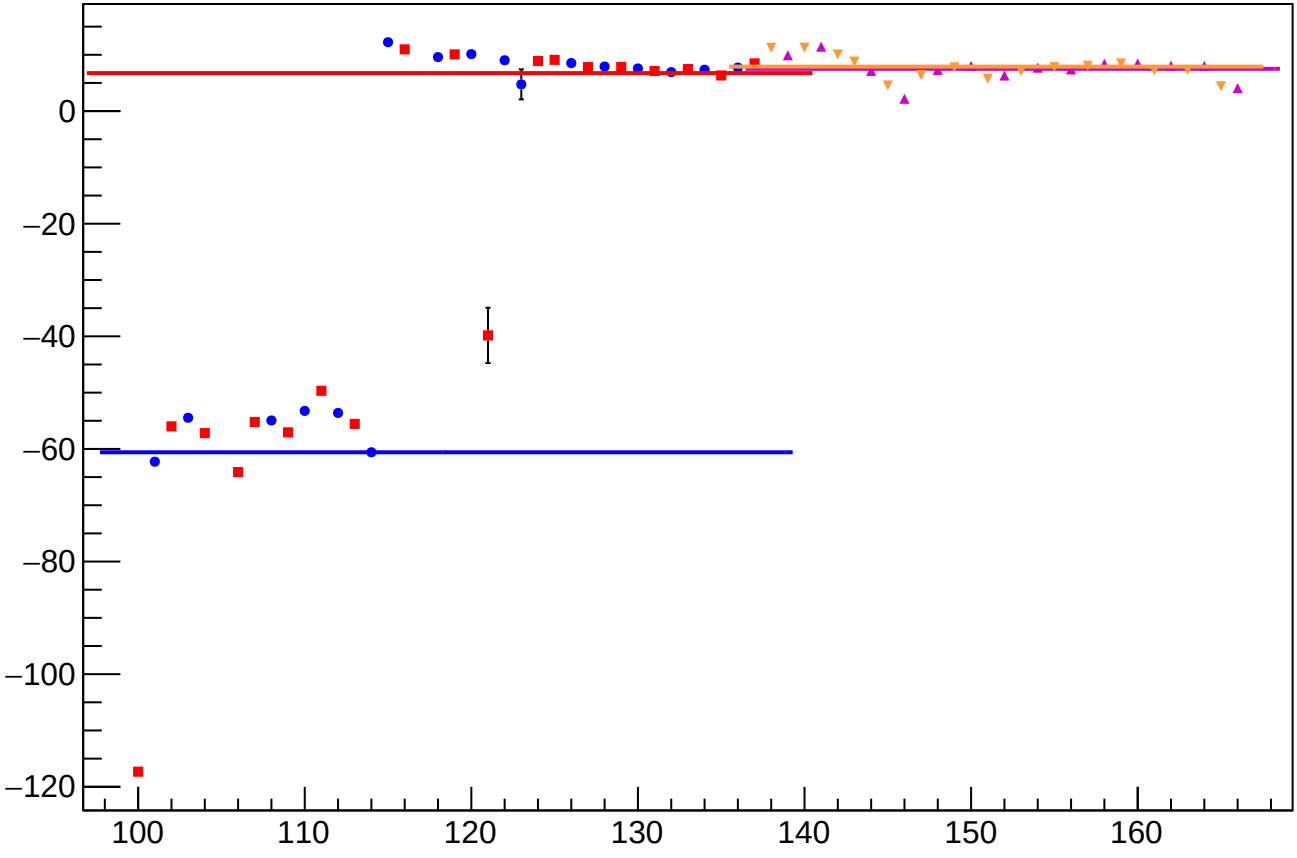
Right: -38.539+/-0.000 χ^2/NDF: 72100834.2/35

In: -38.539+/-0.000 χ^2/NDF:72593937.5/30

Out: -51.508+/-0.001 χ^2/NDF:1182079.3/33

All: -38.539+/-0.000 χ^2/NDF: 170286583.3/6

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF: 26122838.1/16

Left Out: 7.899+/-0.005 χ^2/NDF:76263.8/14

Right Out: 6.748+/-0.011 χ^2/NDF: 1266598.3/18

Left In: 7.511+/-0.004 χ^2/NDF:121098.9/13

Left: 7.665+/-0.003 χ^2/NDF: 201759.1/28

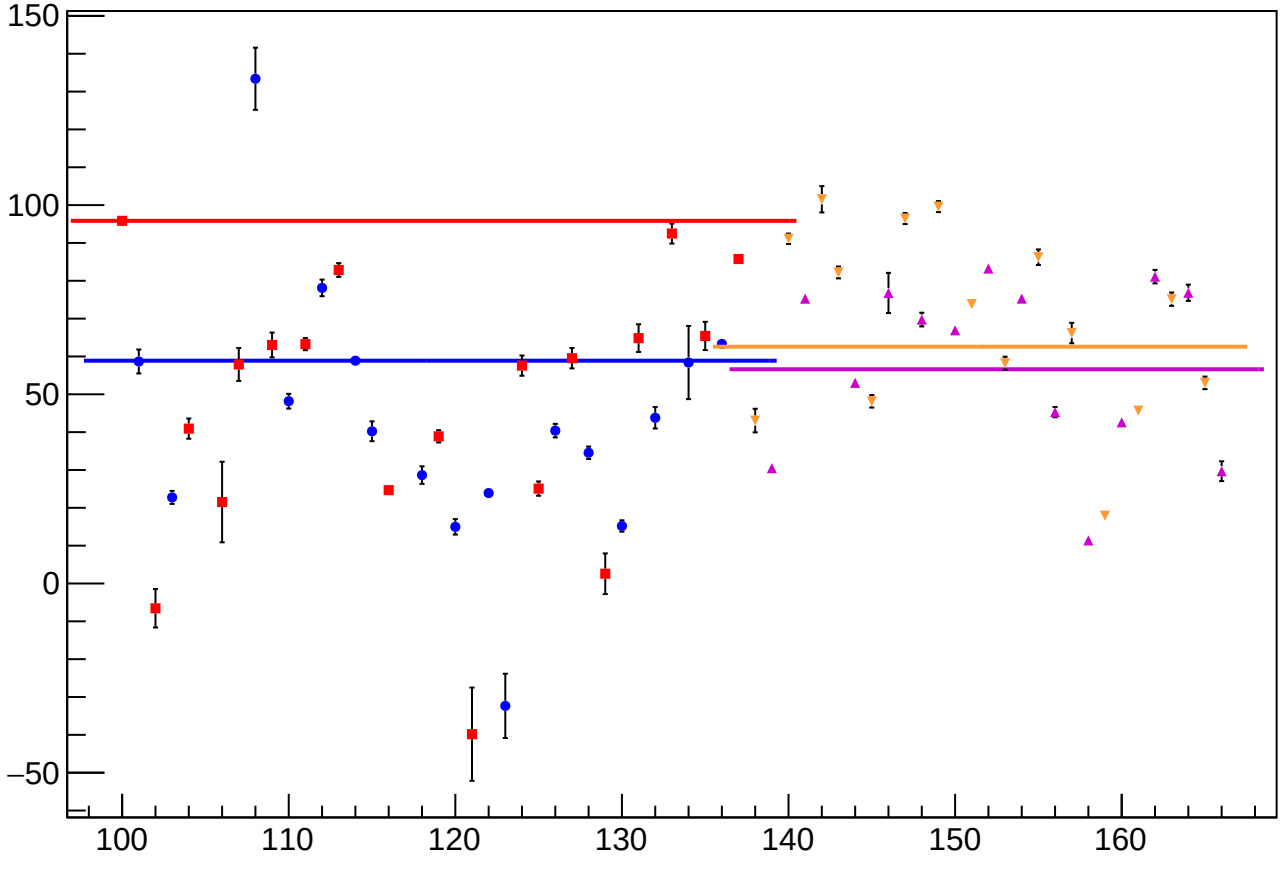
Right: -60.594+/-0.000 χ^2/NDF: 64778482.9/35

In: -60.594+/-0.000 χ^2/NDF:369012670.2/30

Out: 7.731+/-0.004 χ^2/NDF:1352187.8/33

All: -60.594+/-0.000 χ^2/NDF: 634406173.5/6

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880+/-0.000 χ^2/NDF: 3814.7/16

Left Out: 62.576+/-0.399 χ^2/NDF:4948.9/14

Right Out: 95.846+/-0.000 χ^2/NDF: 39385.0/18

Left In: 56.617+/-0.315 χ^2/NDF:4962.9/13

Left: 58.901+/-0.247 χ^2/NDF: 10049.2/28

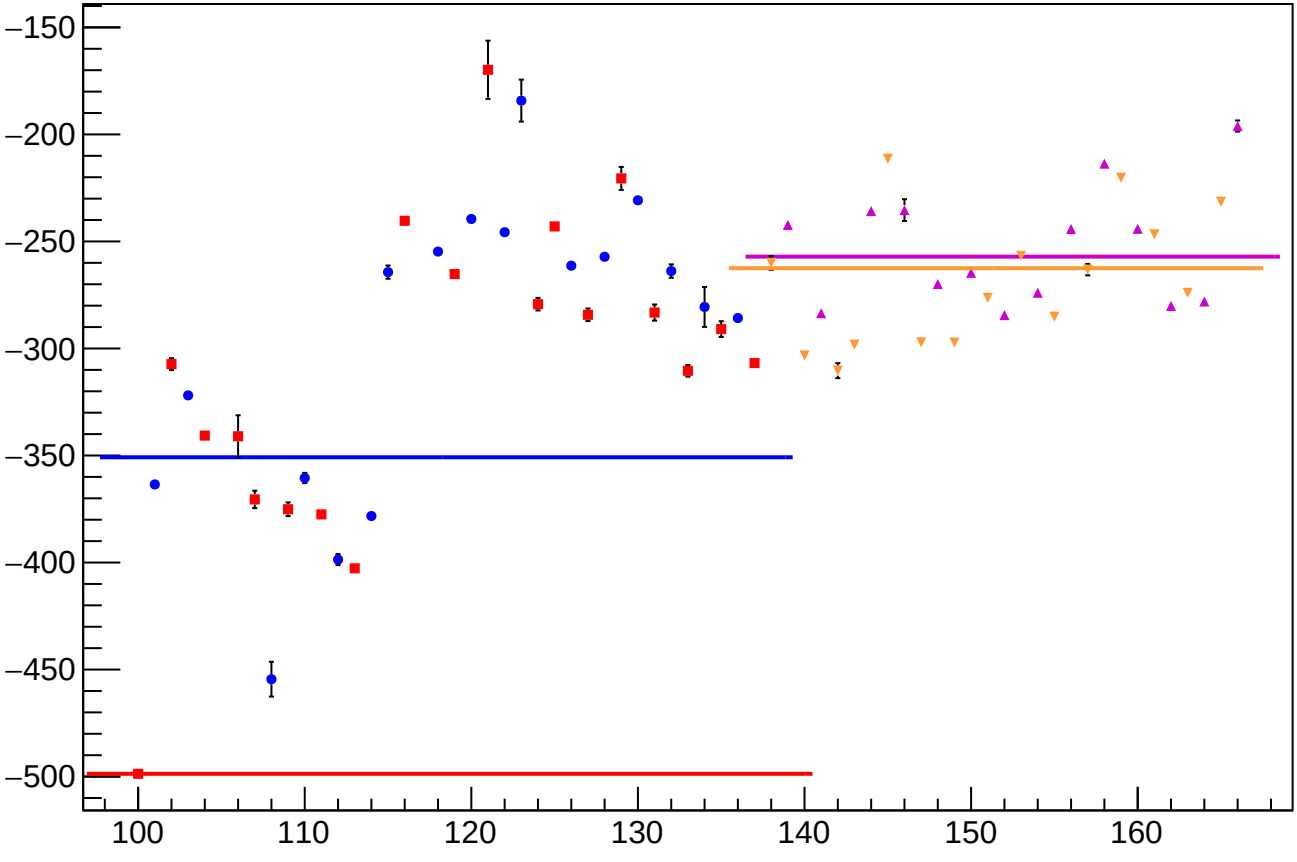
Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:8829.3/30

Out: 95.846+/-0.000 χ^2/NDF:51278.1/33

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: -262.489+/-0.399 χ^2/NDF:6741.8/14

Right Out: -498.692+/-0.000 χ^2/NDF: 511870.8/18

Left In: -257.097+/-0.318 χ^2/NDF:4979.4/13

Left: -259.196+/-0.249 χ^2/NDF: 11833.0/28

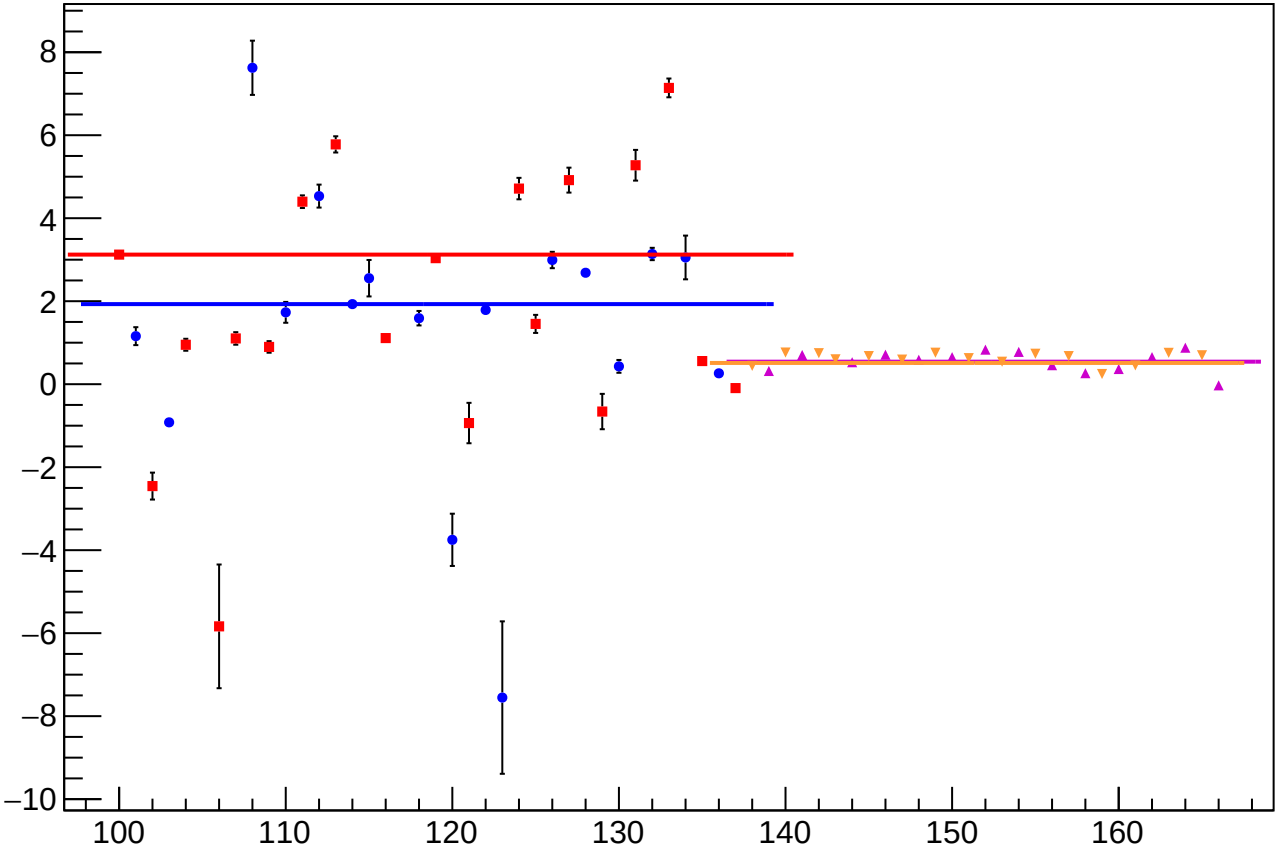
Right: -498.692+/-0.000 χ^2/NDF: 918780.8/35

In: -316.041+/-0.194 χ^2/NDF:100819.9/30

Out: -498.692+/-0.000 χ^2/NDF:869827.6/33

All: -498.692+/-0.000 χ^2/NDF: 1857875.4/64

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF: 59970.9/16

Left Out: 0.512+/-0.002 χ^2/NDF:7909.7/14

Right Out: 3.123+/-0.000 χ^2/NDF: 512565.5/18

Left In: 0.543+/-0.002 χ^2/NDF:12548.4/13

Left: 0.530+/-0.002 χ^2/NDF: 20557.7/28

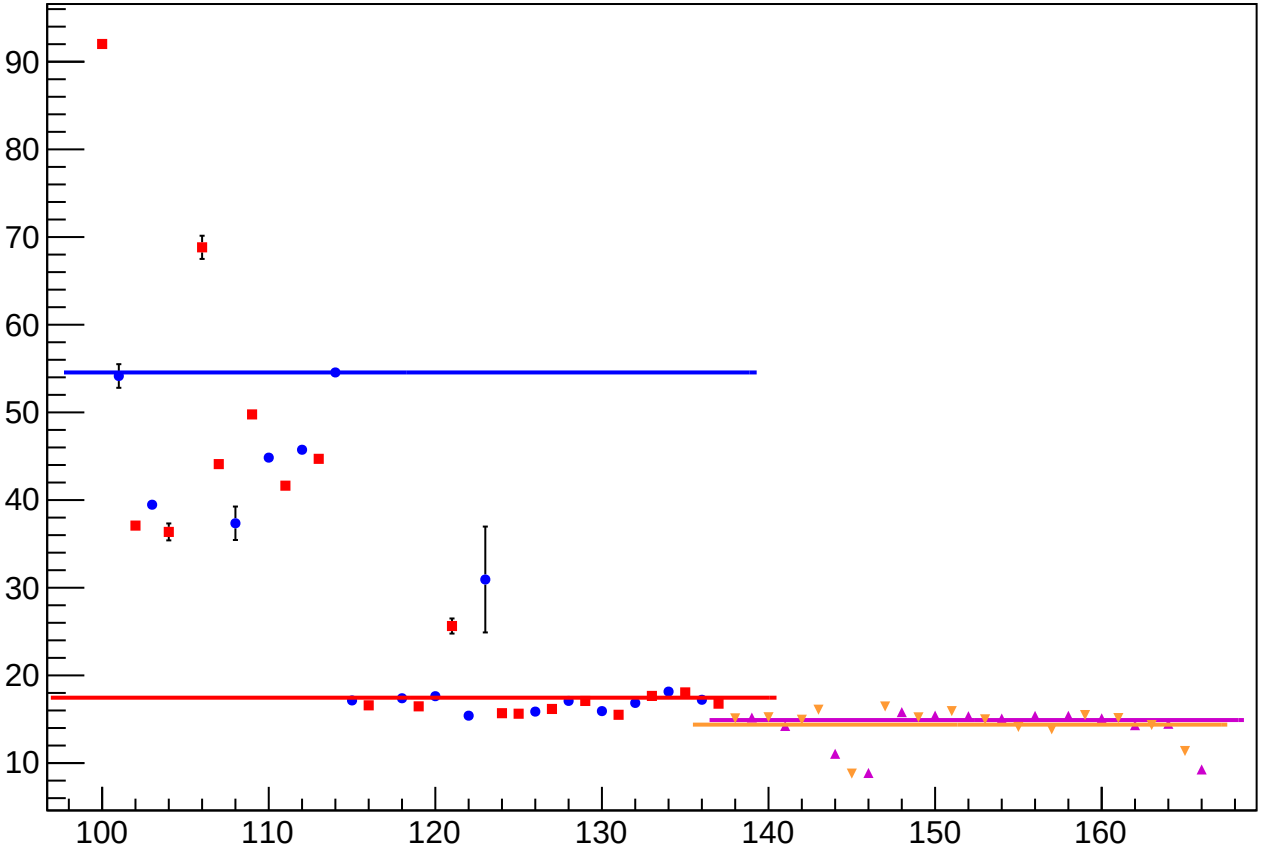
Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:556660.0/30

Out: 3.123+/-0.000 χ^2/NDF:1766005.2/33

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: 14.386+/-0.008 χ^2/NDF:82678.8/14

Right Out: 17.458+/-0.018 χ^2/NDF: 99308.5/18

Left In: 14.908+/-0.008 χ^2/NDF:17909.8/13

Left: 14.659+/-0.006 χ^2/NDF: 102766.4/28

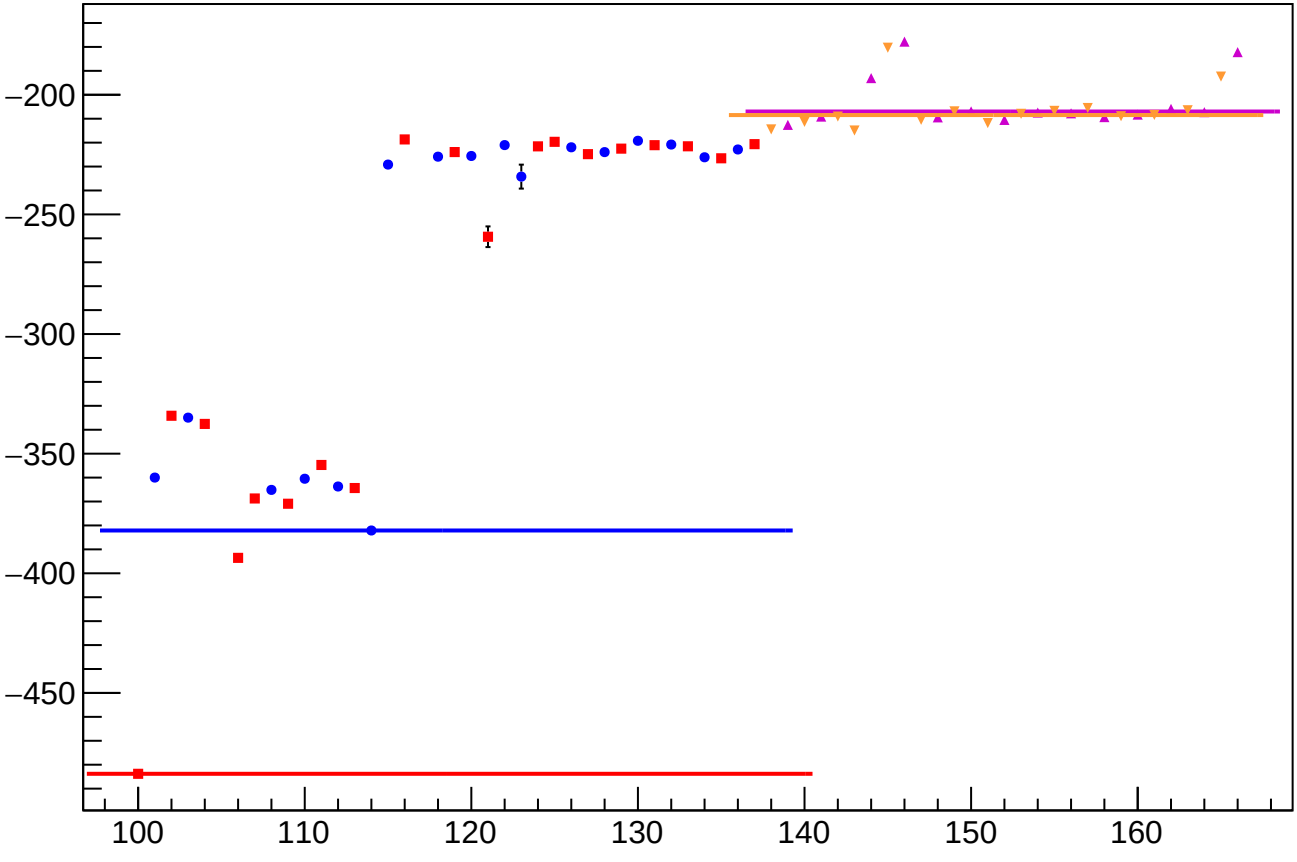
Right: 54.556+/-0.000 χ^2/NDF: 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF:33505234.5/30

Out: 14.889+/-0.007 χ^2/NDF:205599.7/33

All: 54.556+/-0.000 χ^2/NDF: 62462912.7/64

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF: 18398024.3/16

Left Out: -208.481+/-0.018 χ^2/NDF:61800.6/14

Right Out: -483.800+/-0.000 χ^2/NDF: 24338683.6/18

Left In: -206.994+/-0.017 χ^2/NDF:115245.1/13

Left: -207.679+/-0.012 χ^2/NDF: 180659.7/28

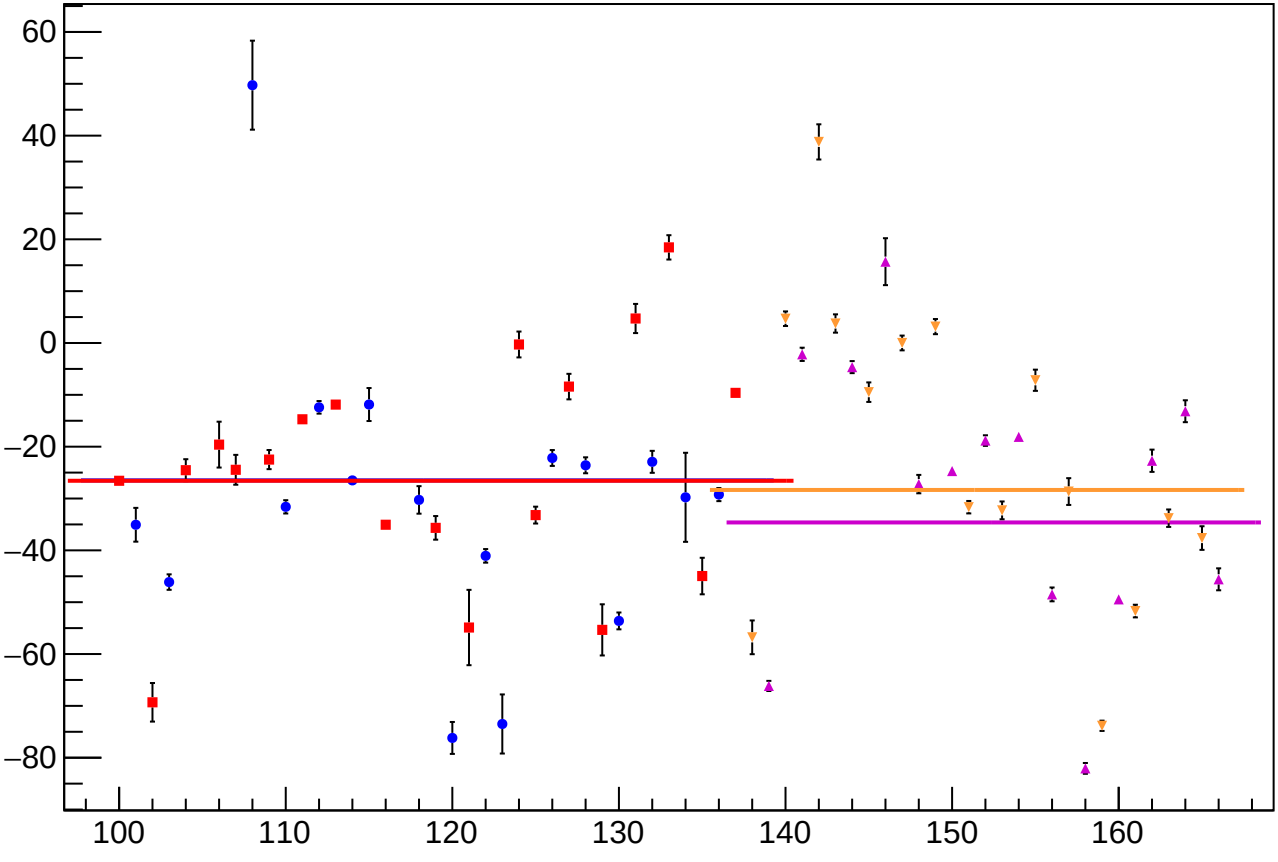
Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:127297321.7/30

Out: -483.800+/-0.000 χ^2/NDF:253931727.3/33

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: -28.348+/-0.412 χ^2/NDF:4921.5/14

Right Out: -26.577+/-0.000 χ^2/NDF: 2640.9/18

Left In: -34.617+/-0.320 χ^2/NDF:5779.3/13

Left: -32.260+/-0.252 χ^2/NDF: 10845.4/28

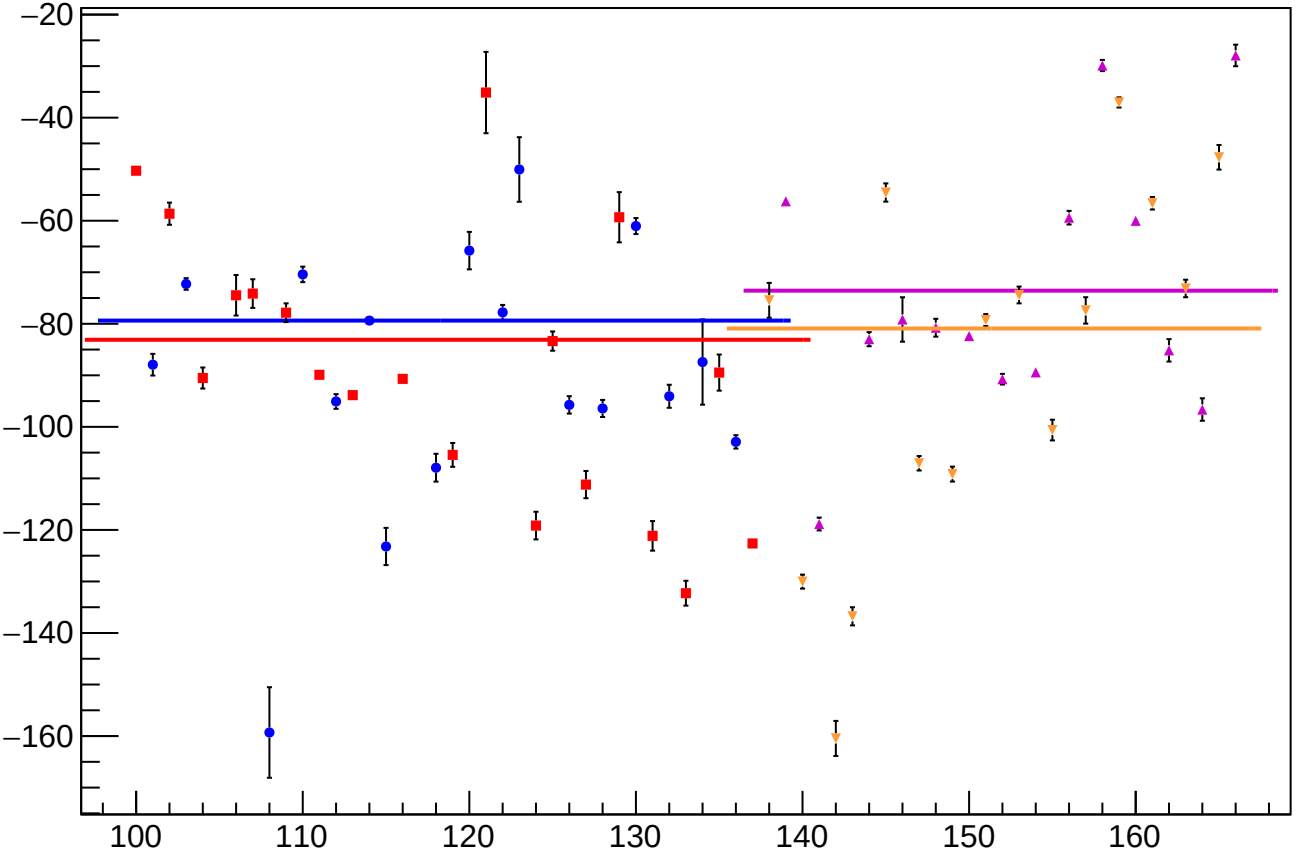
Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:7604.3/30

Out: -26.577+/-0.000 χ^2/NDF:7580.9/33

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: -80.915+/-0.406 χ^2/NDF:6511.9/14

Right Out: -83.099+/-0.178 χ^2/NDF: 11915.8/18

Left In: -73.573+/-0.317 χ^2/NDF:5030.6/13

Left: -76.351+/-0.250 χ^2/NDF: 11746.1/28

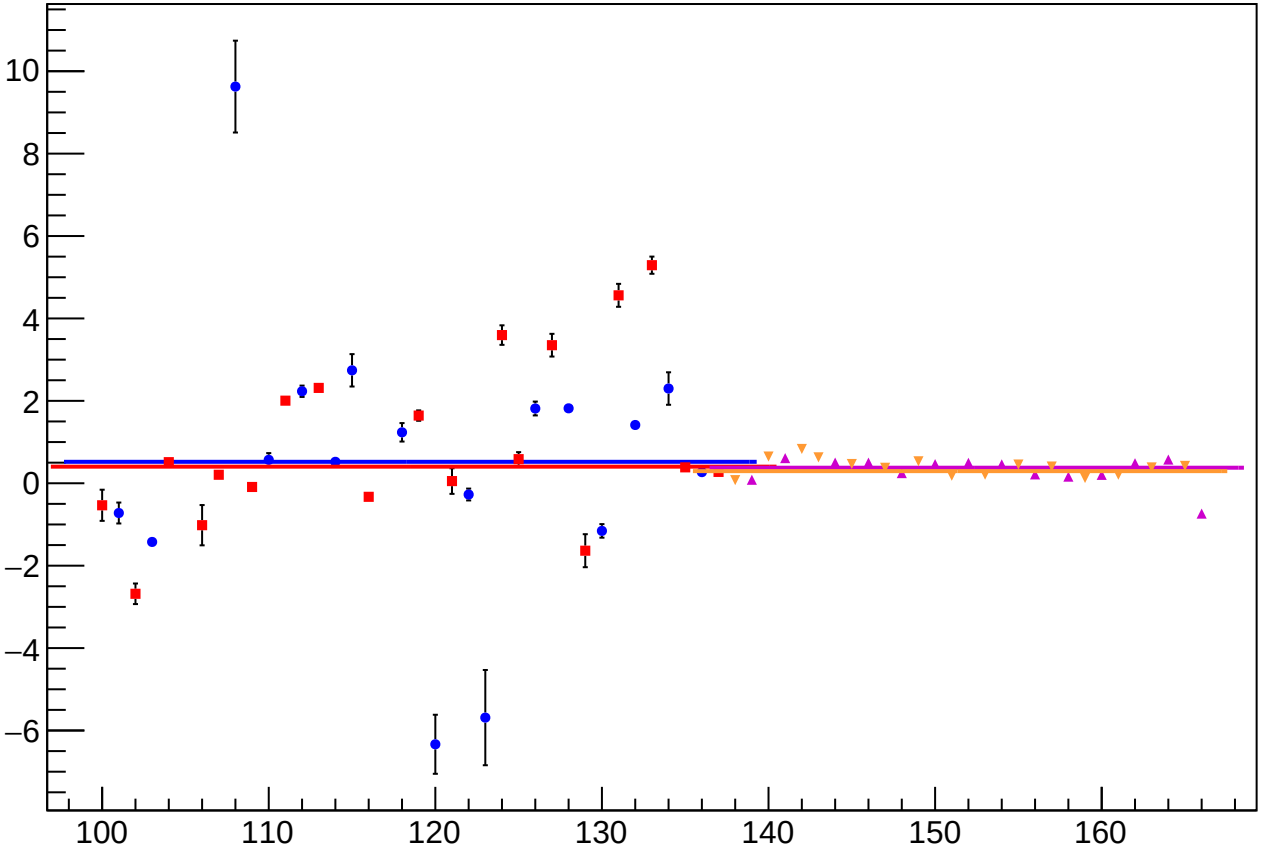
Right: -79.376+/-0.000 χ^2/NDF: 13657.0/35

In: -79.376+/-0.000 χ^2/NDF:6671.4/30

Out: -82.746+/-0.163 χ^2/NDF:18452.0/33

All: -79.376+/-0.000 χ^2/NDF: 25550.0/64

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF: 3370.8/16

Left Out: 0.294+/-0.002 χ^2/NDF:5846.1/14

Right Out: 0.403+/-0.011 χ^2/NDF: 2727.5/18

Left In: 0.377+/-0.002 χ^2/NDF:8753.2/13

Left: 0.344+/-0.002 χ^2/NDF: 15289.6/28

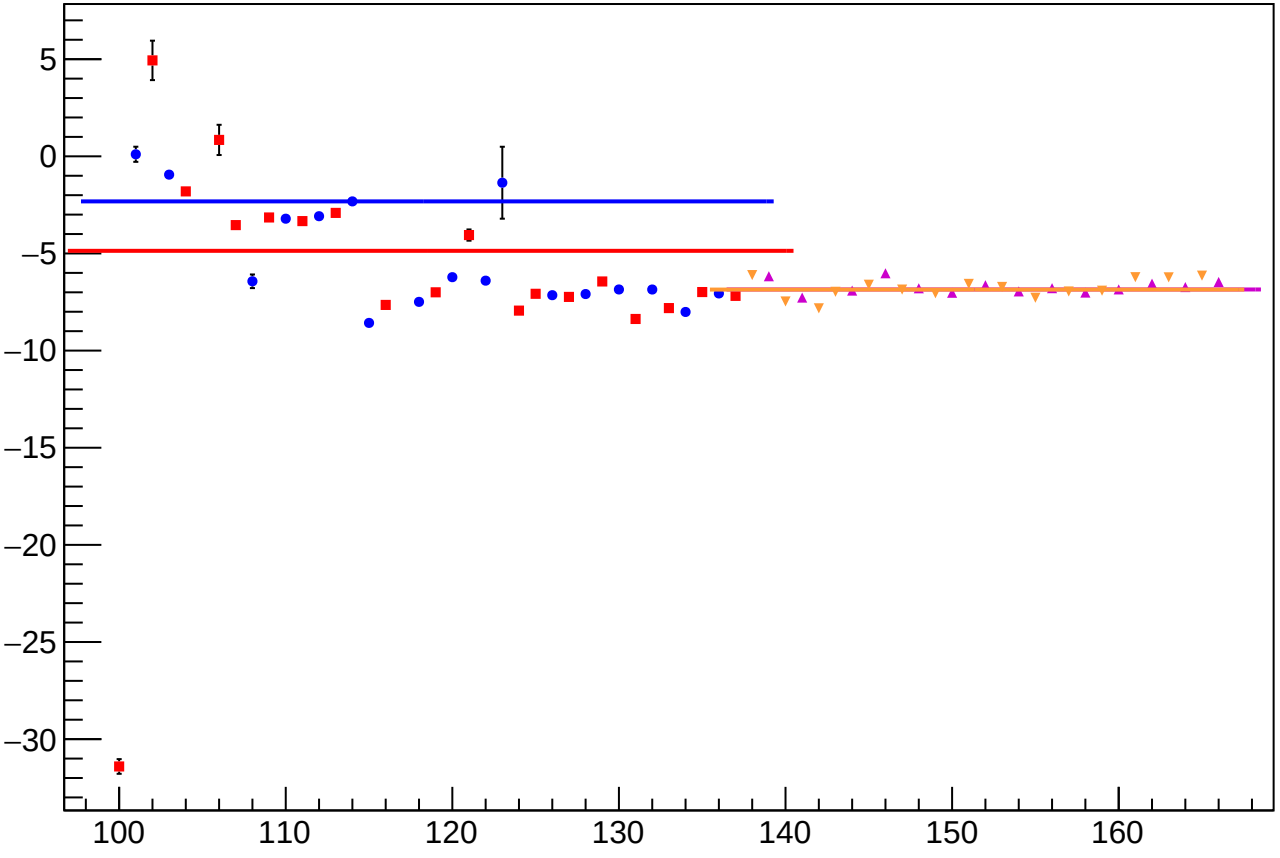
Right: 0.521+/-0.000 χ^2/NDF: 6215.1/35

In: 0.521+/-0.000 χ^2/NDF:17348.9/30

Out: 0.300+/-0.002 χ^2/NDF:8668.9/33

All: 0.521+/-0.000 χ^2/NDF: 34562.1/64

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF: 270771.9/16

Left Out: -6.859+/-0.003 χ^2/NDF:4423.2/14

Right Out: -4.864+/-0.010 χ^2/NDF: 49380.5/18

Left In: -6.854+/-0.003 χ^2/NDF:5554.9/13

Left: -6.856+/-0.002 χ^2/NDF: 9979.6/28

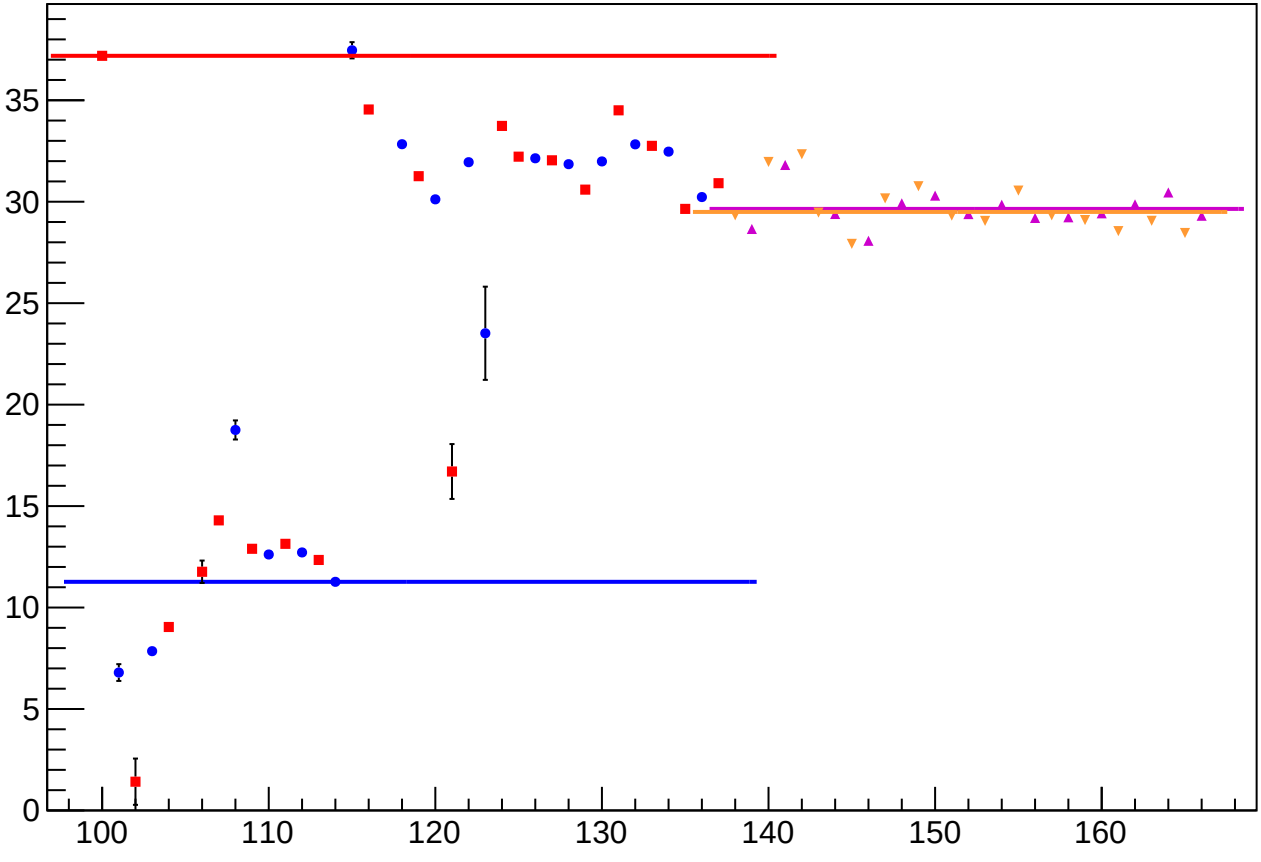
Right: -2.320+/-0.000 χ^2/NDF: 381161.7/35

In: -2.320+/-0.000 χ^2/NDF:2623122.4/30

Out: -6.683+/-0.003 χ^2/NDF:87979.1/33

All: -2.320+/-0.000 χ^2/NDF: 4746703.0/64

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF: 958029.3/16

Left Out: 29.497+/-0.012 χ^2/NDF:6611.4/14

Right Out: 37.191+/-0.000 χ^2/NDF: 1121929.1/18

Left In: 29.646+/-0.010 χ^2/NDF:3233.2/13

Left: 29.585+/-0.008 χ^2/NDF: 9934.6/28

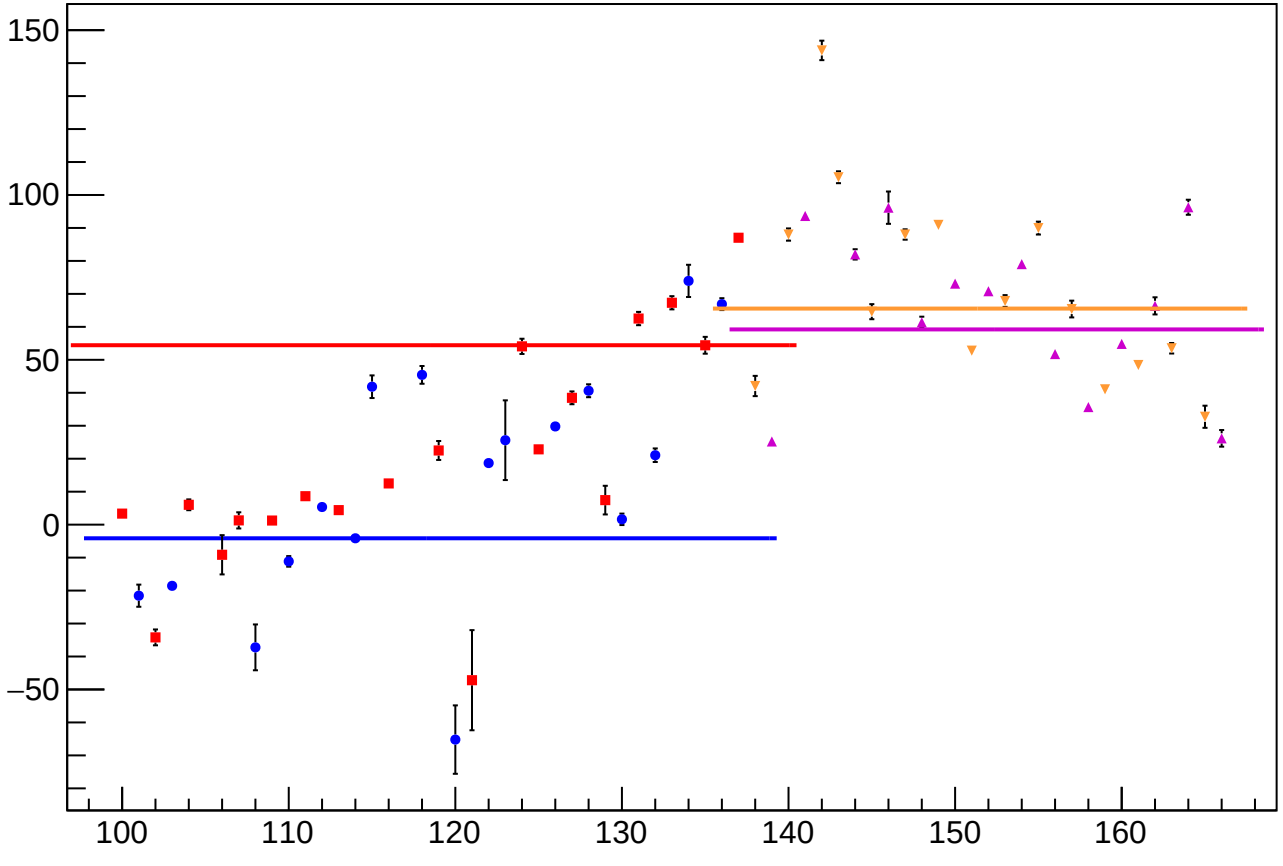
Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:4269560.7/30

Out: 37.191+/-0.000 χ^2/NDF:1534342.4/33

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: 65.543+/-0.425 χ^2/NDF:3152.7/14

Right Out: 54.427+/-0.170 χ^2/NDF: 53998.7/18

Left In: 59.221+/-0.320 χ^2/NDF:4860.6/13

Left: 61.506+/-0.255 χ^2/NDF: 8154.8/28

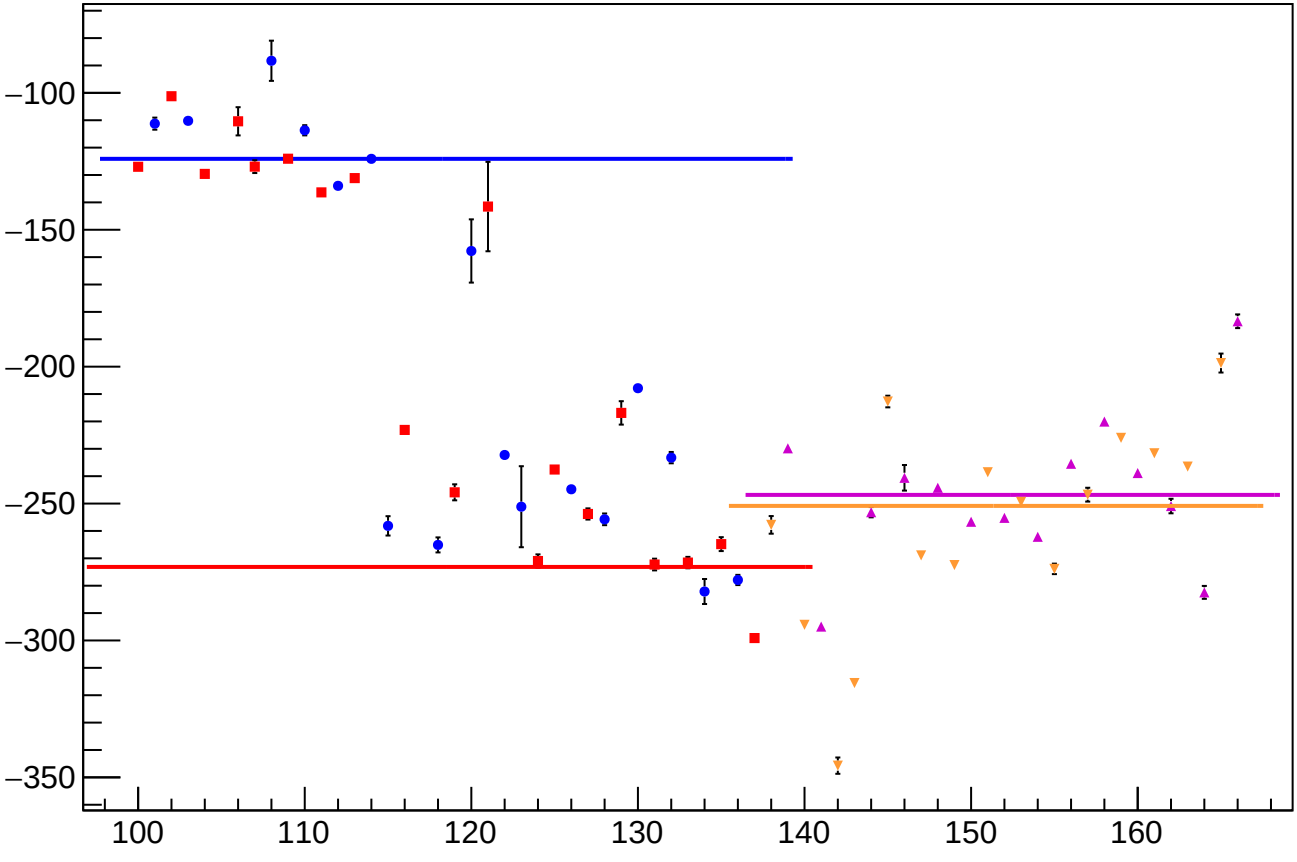
Right: -4.139+/-0.000 χ^2/NDF: 177029.3/35

In: -4.139+/-0.000 χ^2/NDF:48829.6/30

Out: 55.965+/-0.158 χ^2/NDF:57741.7/33

All: -4.139+/-0.000 χ^2/NDF: 251280.0/64

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF: 38152.5/16

Left Out: -250.851+/-0.419 χ^2/NDF:5022.7/14

Right Out: -273.143+/-0.113 χ^2/NDF: 280141.9/18

Left In: -246.836+/-0.314 χ^2/NDF:4092.7/13

Left: -248.282+/-0.251 χ^2/NDF: 9174.1/28

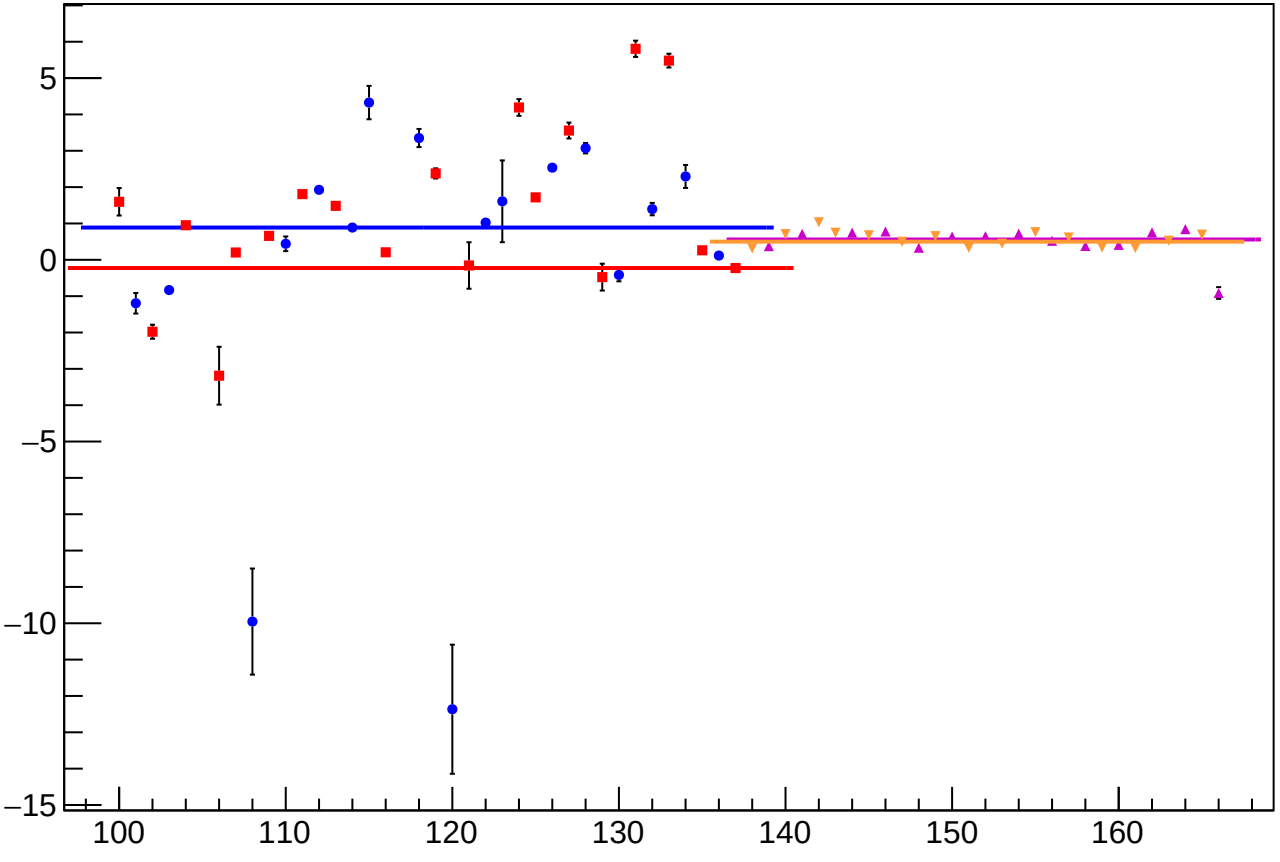
Right: -124.095+/-0.000 χ^2/NDF: 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF:194832.8/30

Out: -271.637+/-0.109 χ^2/NDF:287806.7/33

All: -124.095+/-0.000 χ^2/NDF: 2320097.3/64

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888+/-0.000 χ^2/NDF: 8672.0/16

Left Out: 0.499+/-0.003 χ^2/NDF:3590.1/14

Right Out: -0.226+/-0.000 χ^2/NDF: 5031.1/18

Left In: 0.559+/-0.002 χ^2/NDF:4032.3/13

Left: 0.534+/-0.002 χ^2/NDF: 7864.9/28

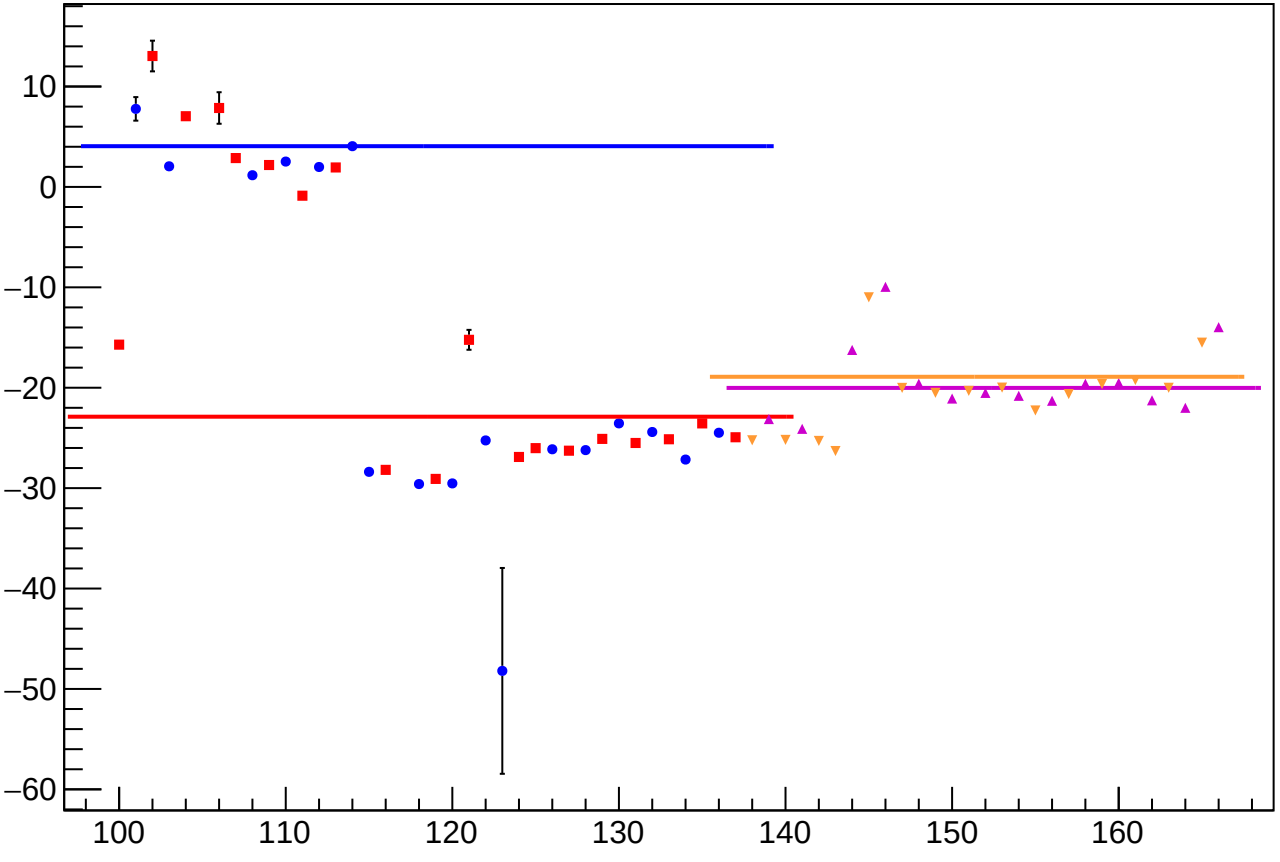
Right: 0.888+/-0.000 χ^2/NDF: 422220530.0/35

In: 0.888+/-0.000 χ^2/NDF:30146.5/30

Out: -0.226+/-0.000 χ^2/NDF:68695.2/33

All: 0.888+/-0.000 χ^2/NDF: 422262852.0/64

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF: 1247888.2/16

Left Out: -18.909+/-0.014 χ^2/NDF:78573.4/14

Right Out: -22.885+/-0.026 χ^2/NDF: 116508.9/18

Left In: -20.018+/-0.012 χ^2/NDF:21914.5/13

Left: -19.545+/-0.009 χ^2/NDF: 104267.8/28

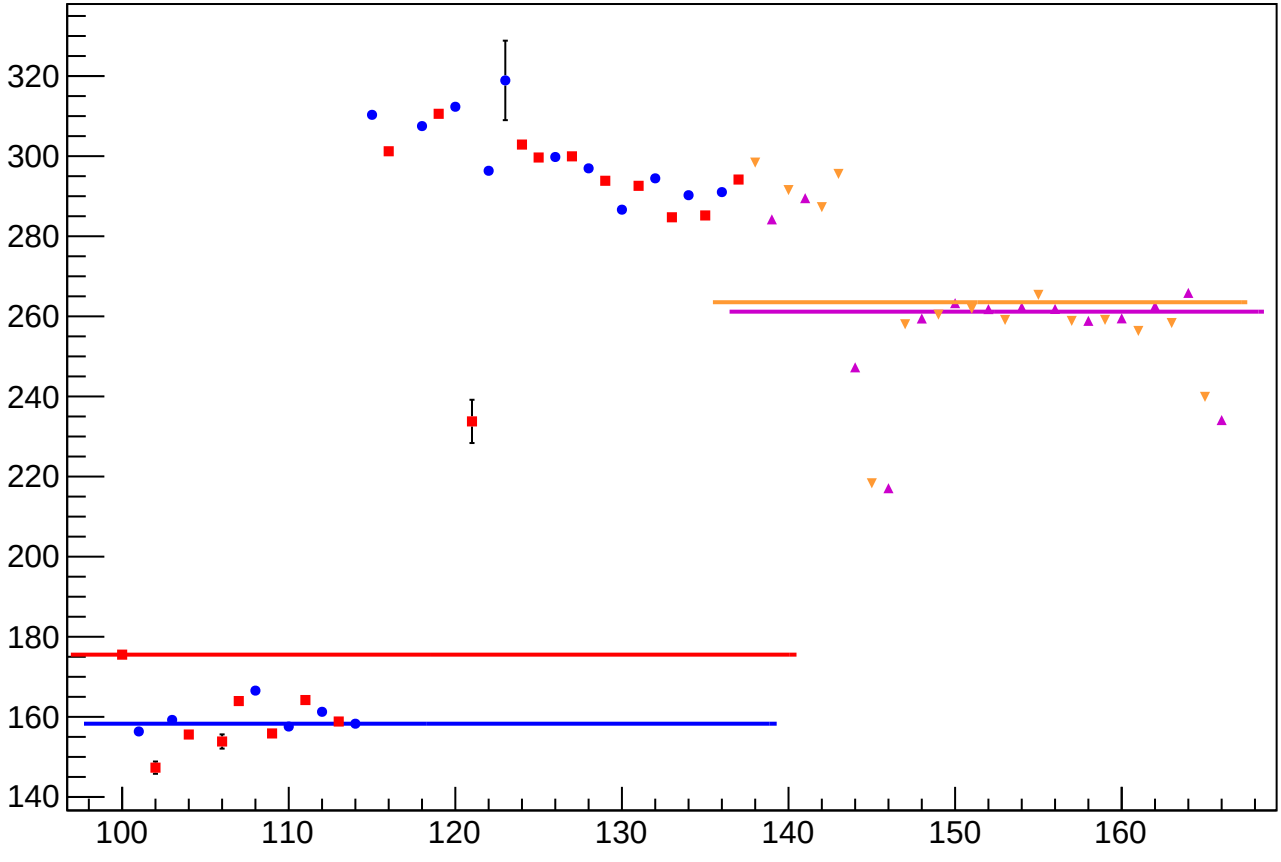
Right: 4.057+/-0.000 χ^2/NDF: 2412173.4/35

In: 4.057+/-0.000 χ^2/NDF:5444951.2/30

Out: -19.752+/-0.012 χ^2/NDF:213061.0/33

All: 4.057+/-0.000 χ^2/NDF: 9518843.8/64

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF: 2410913.3/16

Left Out: 263.530+/-0.037 χ^2/NDF:190446.5/14

Right Out: 175.536+/-0.000 χ^2/NDF: 2100196.2/18

Left In: 261.171+/-0.033 χ^2/NDF:48264.1/13

Left: 262.196+/-0.025 χ^2/NDF: 240954.6/28

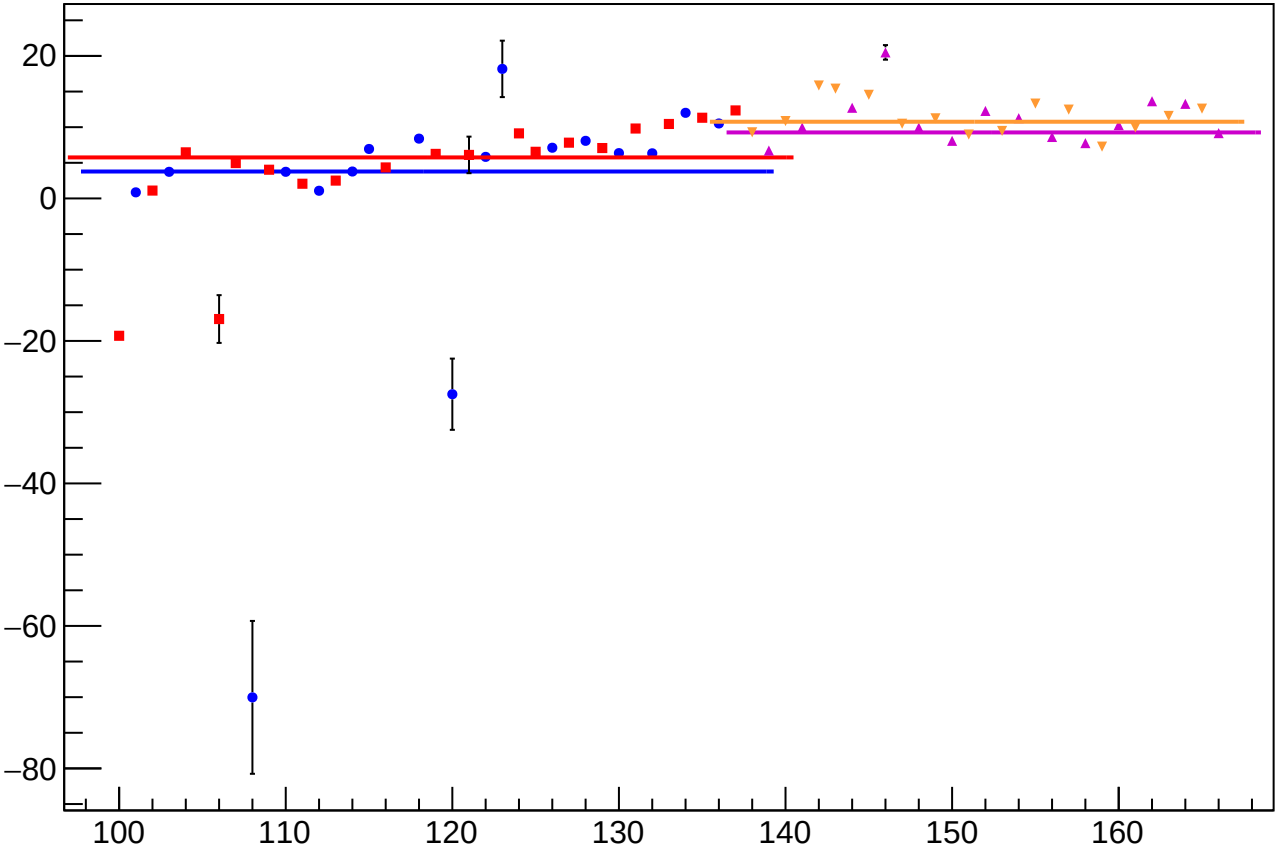
Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:12280253.3/30

Out: 175.536+/-0.000 χ^2/NDF:7815567.0/33

All: 172.618+/-0.000 χ^2/NDF: 37372749122

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778+/-0.000 χ^2/NDF: 6871.4/16

Left Out: 10.764+/-0.036 χ^2/NDF:2179.3/14

Right Out: 5.756+/-0.026 χ^2/NDF: 22291.6/18

Left In: 9.263+/-0.034 χ^2/NDF:3027.0/13

Left: 9.981+/-0.025 χ^2/NDF: 6123.2/28

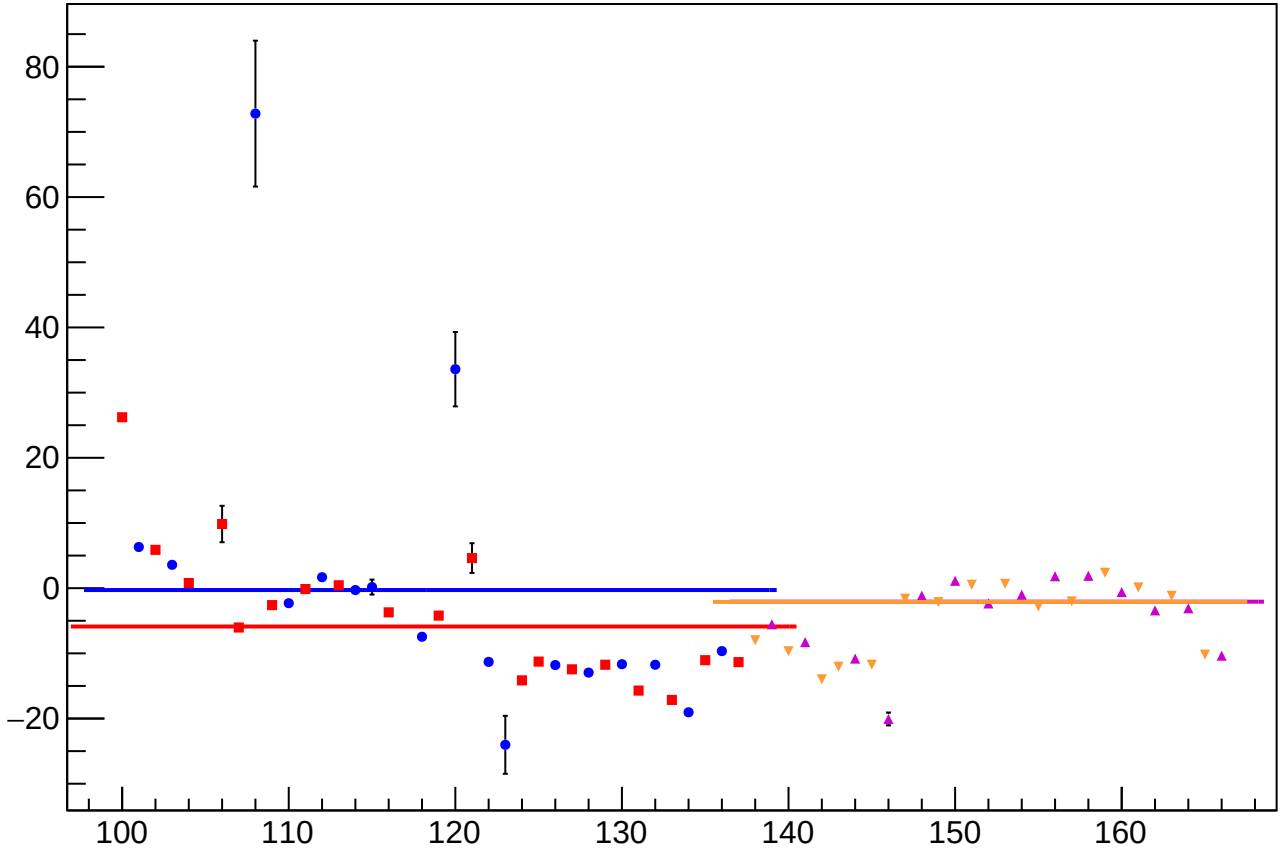
Right: 3.778+/-0.000 χ^2/NDF: 35056.1/35

In: 3.778+/-0.000 χ^2/NDF:35477.3/30

Out: 7.463+/-0.021 χ^2/NDF:37355.6/33

All: 3.778+/-0.000 χ^2/NDF: 103865.7/64

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287+/-0.000 χ^2/NDF: 44276.5/16

Left Out: -2.108+/-0.036 χ^2/NDF:9606.3/14

Right Out: -5.882+/-0.027 χ^2/NDF: 63493.9/18

Left In: -2.072+/-0.035 χ^2/NDF:12275.6/13

Left: -2.090+/-0.025 χ^2/NDF: 21882.5/28

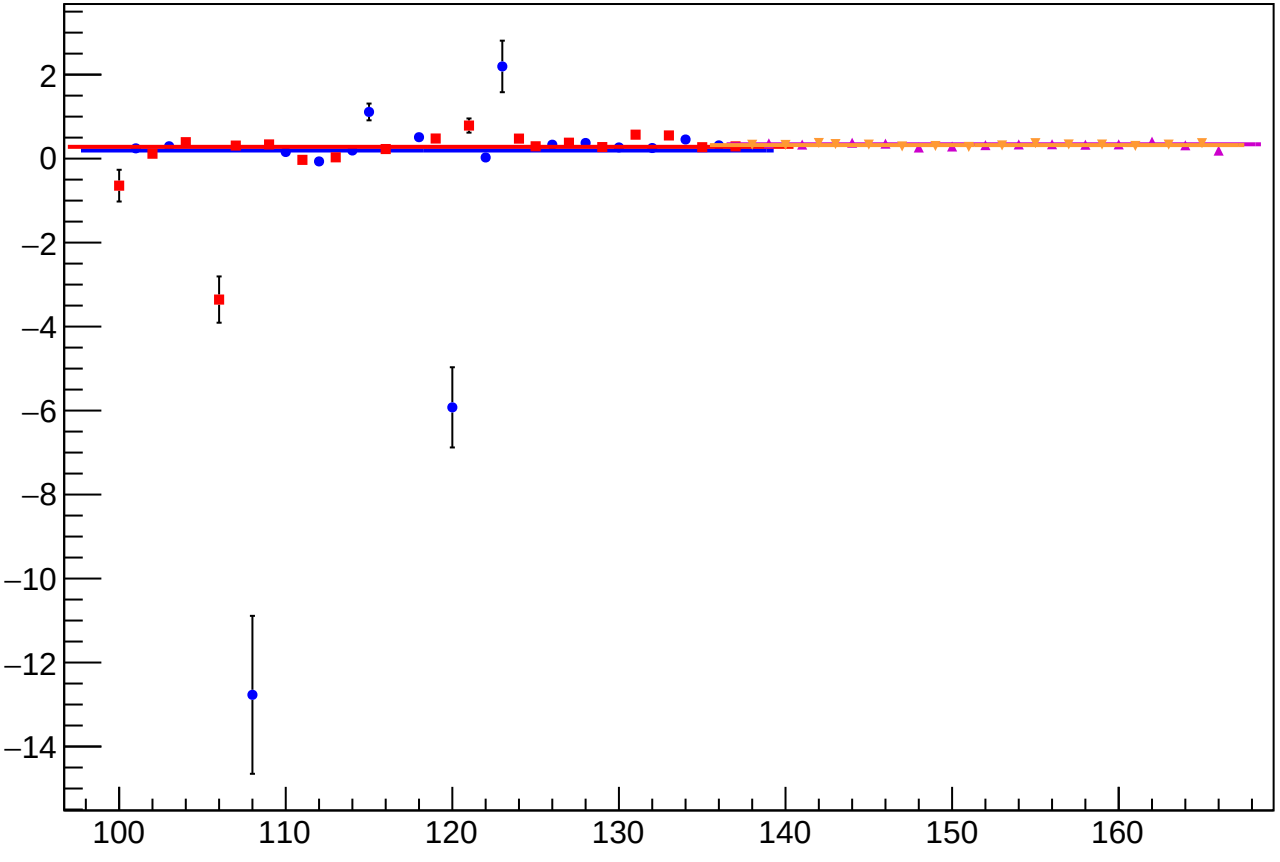
Right: -0.287+/-0.000 χ^2/NDF: 150060.6/35

In: -0.287+/-0.000 χ^2/NDF:59228.6/30

Out: -4.491+/-0.022 χ^2/NDF:80193.4/33

All: -0.287+/-0.000 χ^2/NDF: 177234.4/64

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF: 10027.5/16

Left Out: 0.322+/-0.001 χ^2/NDF:1424.5/14

Right Out: 0.280+/-0.001 χ^2/NDF: 6059.0/18

Left In: 0.341+/-0.001 χ^2/NDF:3023.0/13

Left: 0.331+/-0.000 χ^2/NDF: 4908.6/28

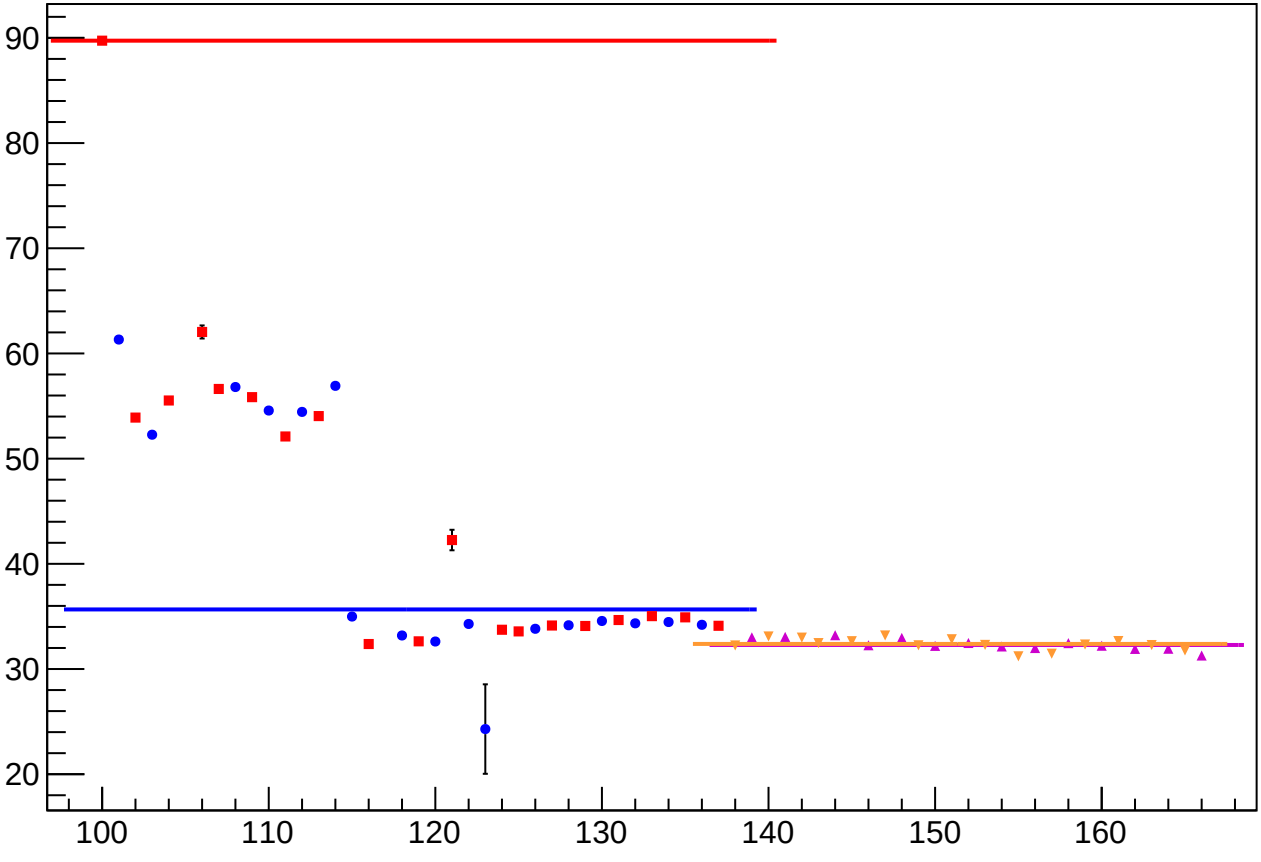
Right: 0.193+/-0.000 χ^2/NDF: 19578.7/35

In: 0.193+/-0.000 χ^2/NDF:64389.6/30

Out: 0.315+/-0.001 χ^2/NDF:8143.3/33

All: 0.193+/-0.000 χ^2/NDF: 117331.2/64

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF: 218662.5/16

Left Out: 32.385+/-0.004 χ^2/NDF:3864.6/14

Right Out: 89.735+/-0.000 χ^2/NDF: 25801560.6/18

Left In: 32.285+/-0.004 χ^2/NDF:6372.3/13

Left: 32.331+/-0.003 χ^2/NDF: 10524.2/28

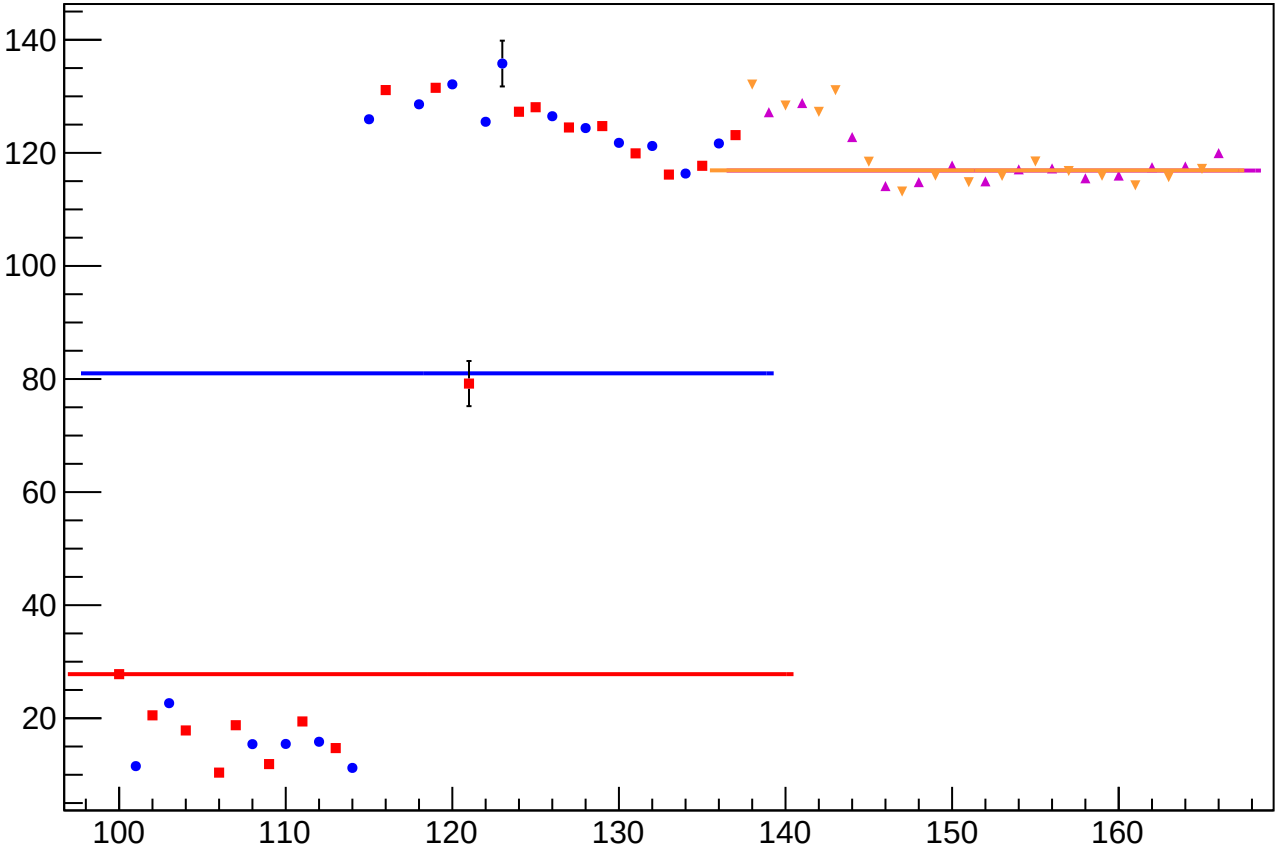
Right: 89.735+/-0.000 χ^2/NDF: 48650023.7/35

In: 32.652+/-0.004 χ^2/NDF:303800.5/30

Out: 89.735+/-0.000 χ^2/NDF:203215660.4/33

All: 89.735+/-0.000 χ^2/NDF: 435963981.7/64

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF: 2228881.4/16

Left Out: 116.910+/-0.010 χ^2/NDF:138230.7/14

Right Out: 27.798+/-0.000 χ^2/NDF: 9183707.8/18

Left In: 116.874+/-0.010 χ^2/NDF:41840.6/13

Left: 116.891+/-0.007 χ^2/NDF: 180078.1/28

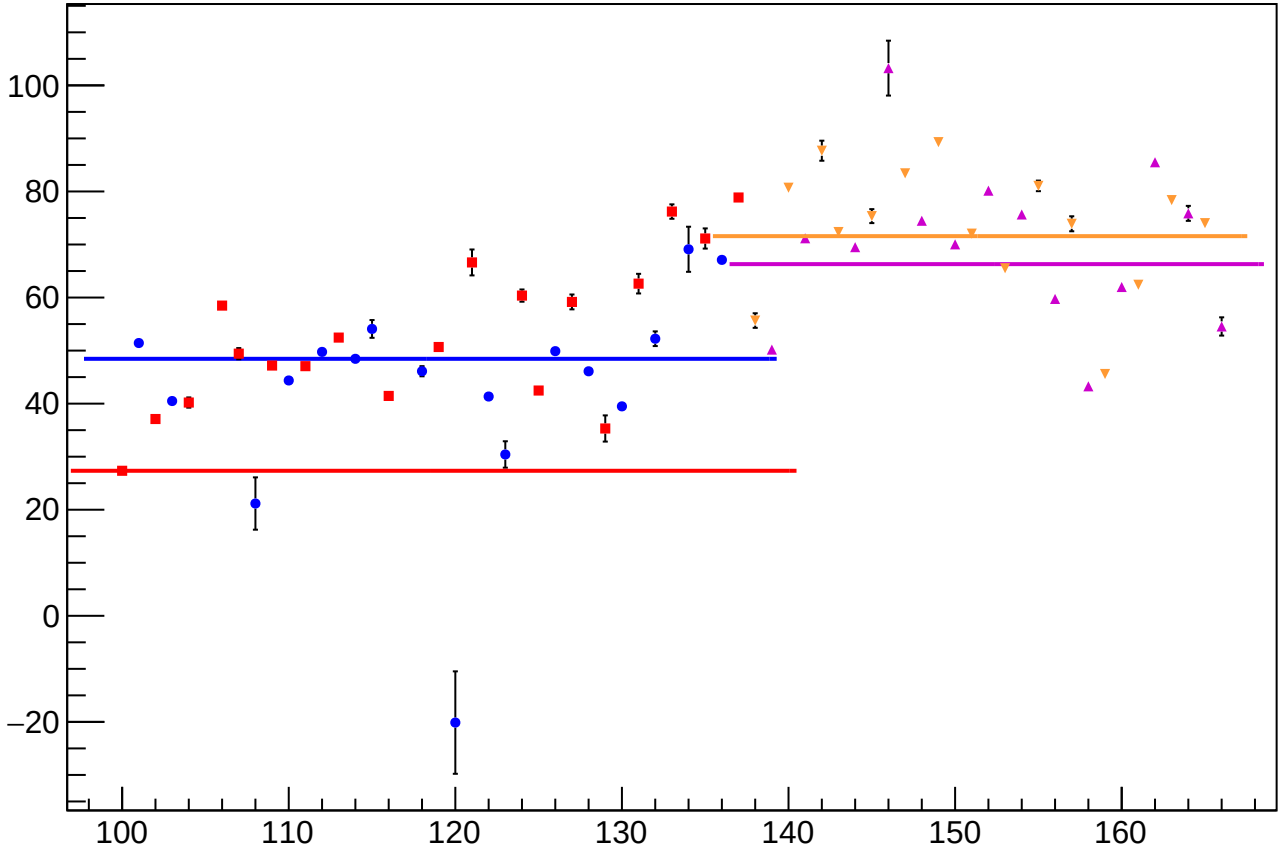
Right: 27.798+/-0.000 χ^2/NDF: 13786729.0/35

In: 114.347+/-0.009 χ^2/NDF:3273648.2/30

Out: 27.798+/-0.000 χ^2/NDF:89673613.6/33

All: 27.798+/-0.000 χ^2/NDF: 182126627.7/64

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF: 2751.4/16

Left Out: 71.576+/-0.209 χ^2/NDF:3908.4/14

Right Out: 27.342+/-0.000 χ^2/NDF: 25810.4/18

Left In: 66.301+/-0.175 χ^2/NDF:4332.0/13

Left: 68.481+/-0.134 χ^2/NDF: 8615.2/28

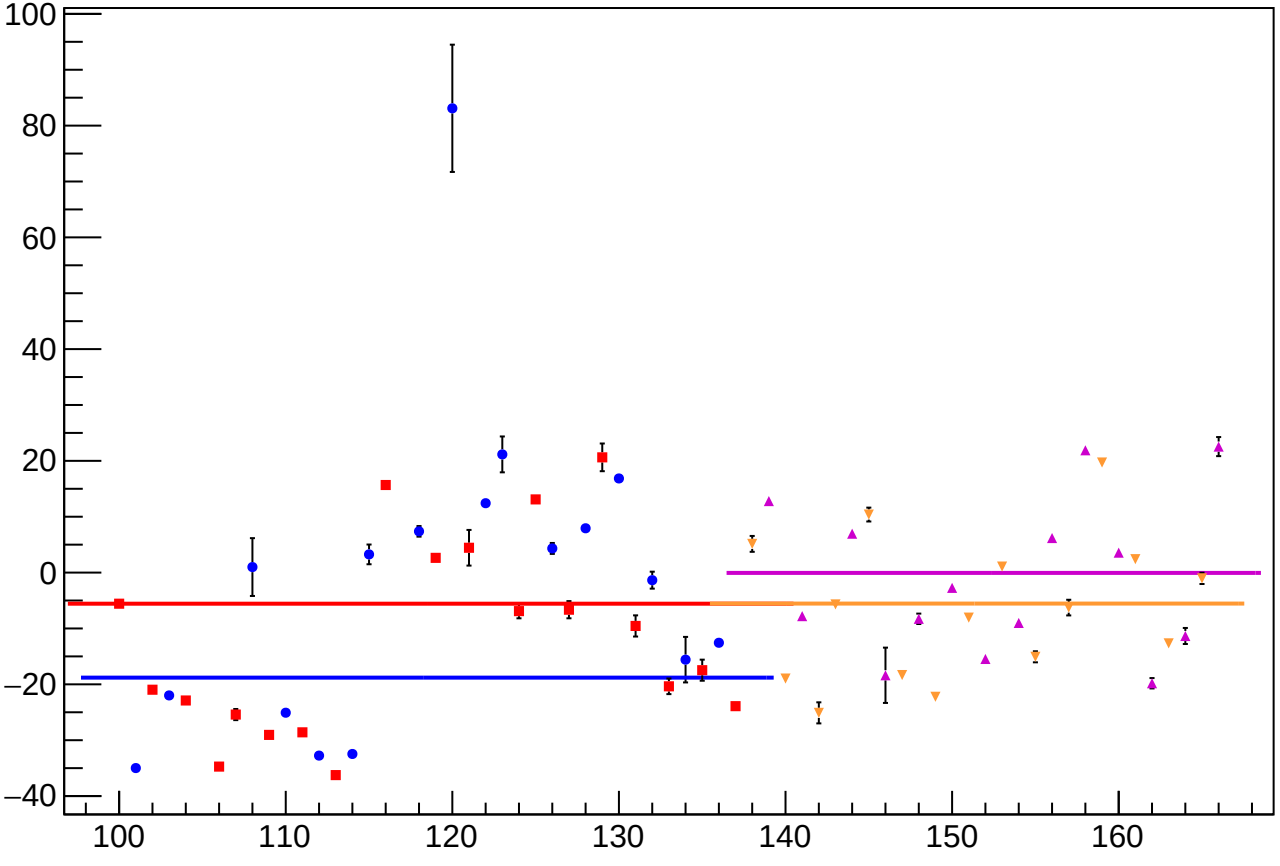
Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:17466.7/30

Out: 27.342+/-0.000 χ^2/NDF:74622.0/33

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: -5.545+/-0.208 χ^2/NDF:4154.8/14

Right Out: -5.568+/-0.000 χ^2/NDF: 23097.3/18

Left In: -0.056+/-0.173 χ^2/NDF:4107.0/13

Left: -2.296+/-0.133 χ^2/NDF: 8674.2/28

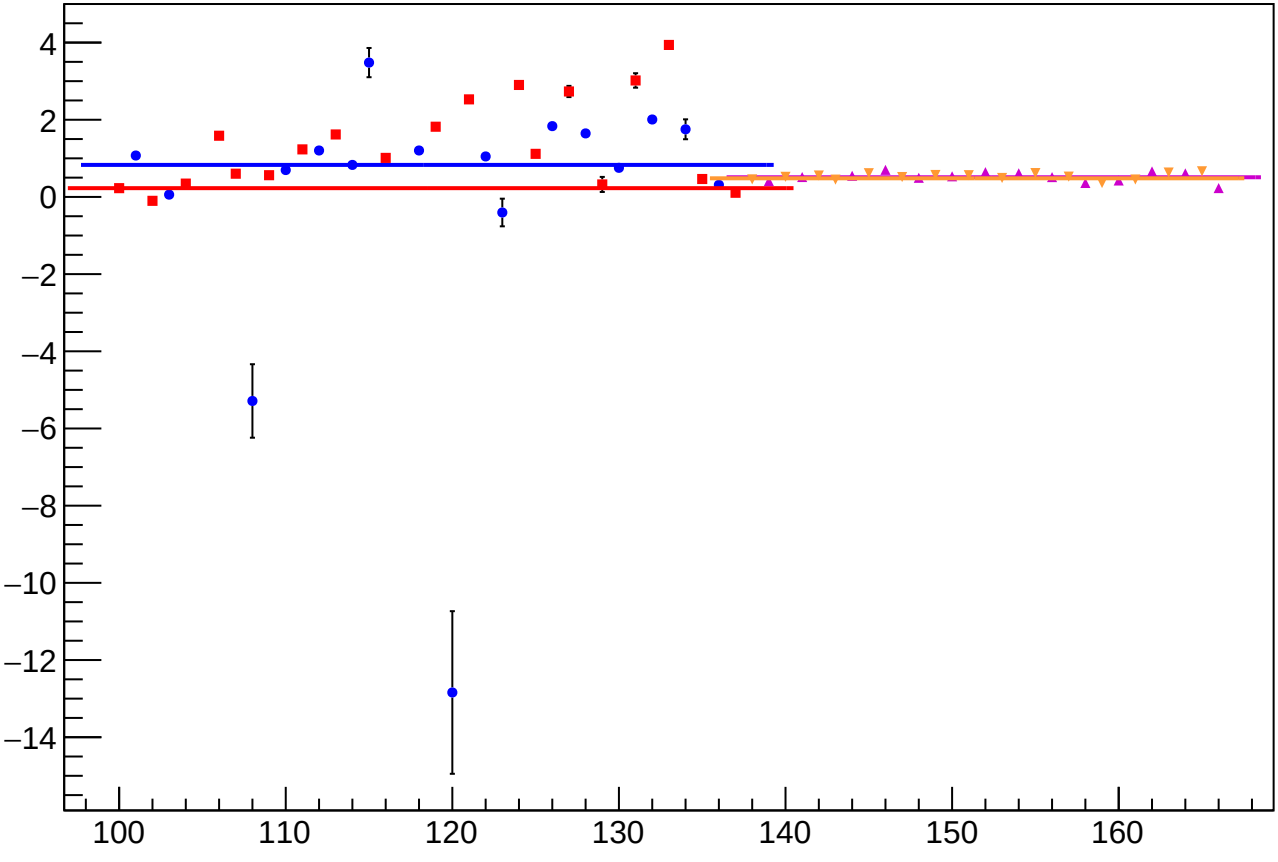
Right: -5.568+/-0.000 χ^2/NDF: 42808.5/35

In: -10.833+/-0.113 χ^2/NDF:22648.7/30

Out: -5.568+/-0.000 χ^2/NDF:27252.1/33

All: -5.568+/-0.000 χ^2/NDF: 52089.4/64

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF: 14882.7/16

Left Out: 0.483+/-0.001 χ^2/NDF:6042.6/14

Right Out: 0.227+/-0.000 χ^2/NDF: 11819.9/18

Left In: 0.510+/-0.001 χ^2/NDF:7721.7/13

Left: 0.497+/-0.001 χ^2/NDF: 14009.3/28

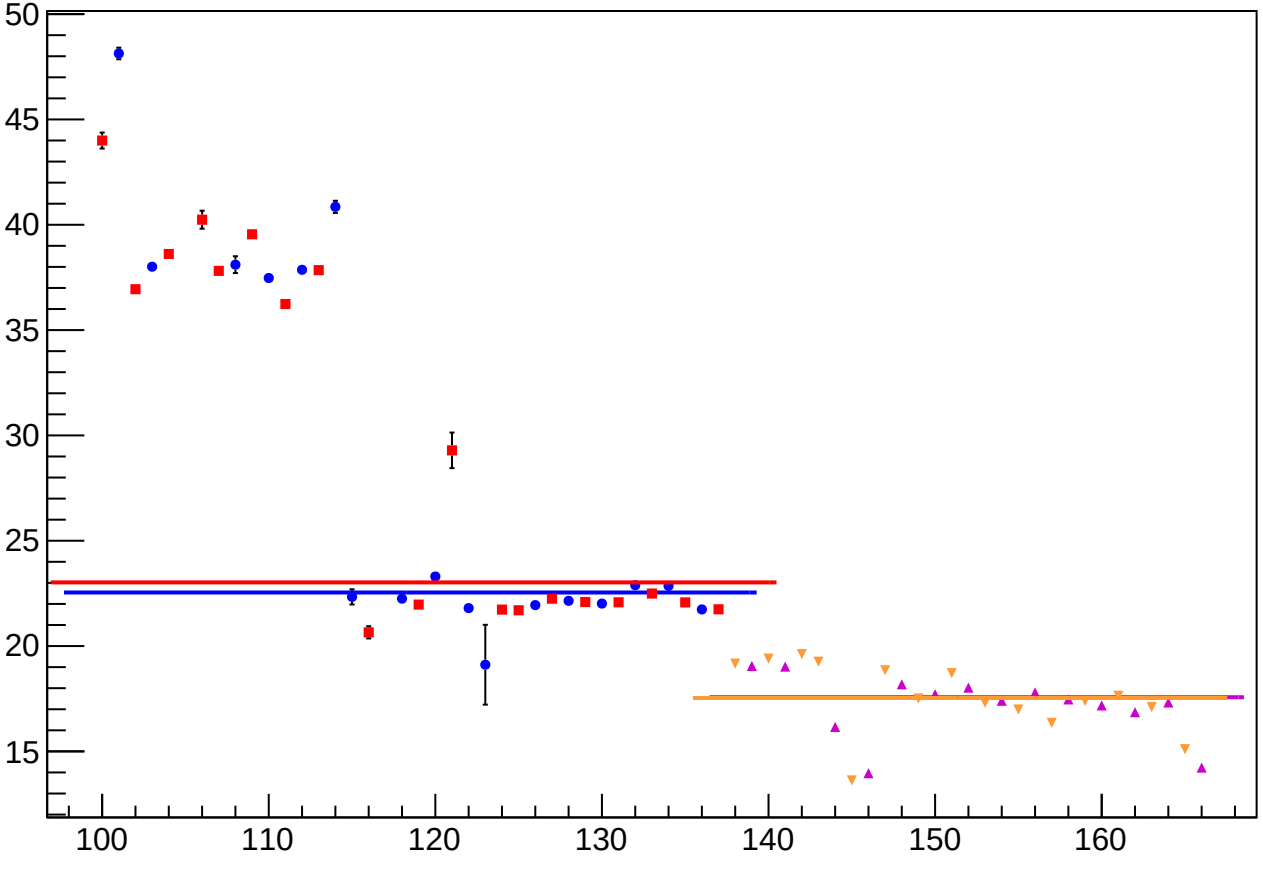
Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:92108.0/30

Out: 0.227+/-0.000 χ^2/NDF:60509.4/33

All: 0.289+/-0.000 χ^2/NDF: 29066082561457

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543+/-0.009 χ^2/NDF: 105452.8/16

Left Out: 17.536+/-0.006 χ^2/NDF:71430.8/14

Right Out: 23.023+/-0.009 χ^2/NDF: 165838.0/18

Left In: 17.571+/-0.007 χ^2/NDF:23804.7/13

Left: 17.551+/-0.004 χ^2/NDF: 95251.0/28

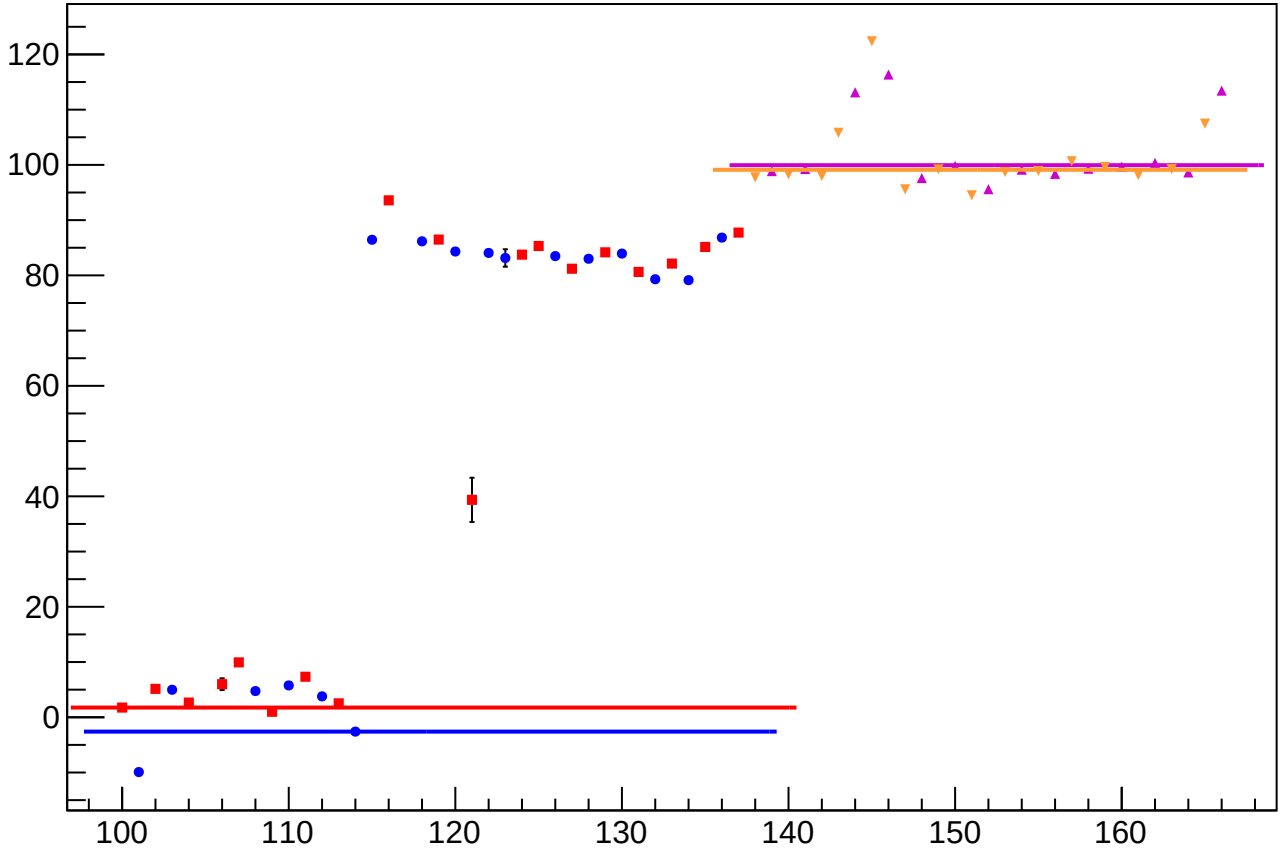
Right: 22.790+/-0.006 χ^2/NDF: 272655.1/35

In: 19.294+/-0.005 χ^2/NDF:315589.2/30

Out: 19.164+/-0.005 χ^2/NDF:496006.8/33

All: 19.222+/-0.004 χ^2/NDF: 811910.6/64

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF: 7395182.7/16

Left Out: 99.111+/-0.013 χ^2/NDF:69586.1/14

Right Out: 1.758+/-0.000 χ^2/NDF: 4230949.4/18

Left In: 99.947+/-0.012 χ^2/NDF:122248.7/13

Left: 99.549+/-0.009 χ^2/NDF: 194003.0/28

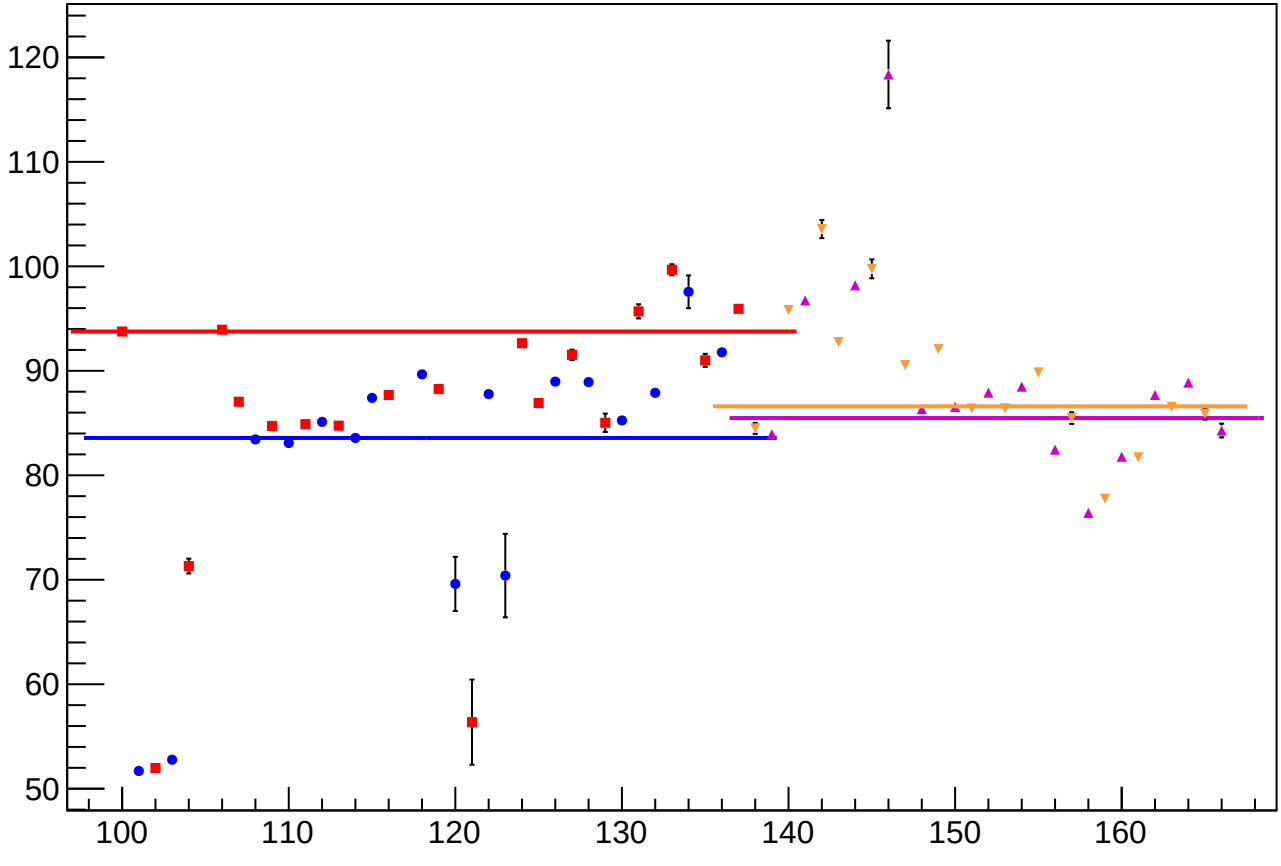
Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:75916211.7/30

Out: 1.758+/-0.000 χ^2/NDF:60439206.2/33

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: 86.601+/-0.080 χ^2/NDF:5592.3/14

Right Out: 93.762+/-0.000 χ^2/NDF: 82848.8/18

Left In: 85.481+/-0.064 χ^2/NDF:6015.4/13

Left: 85.919+/-0.050 χ^2/NDF: 11727.2/28

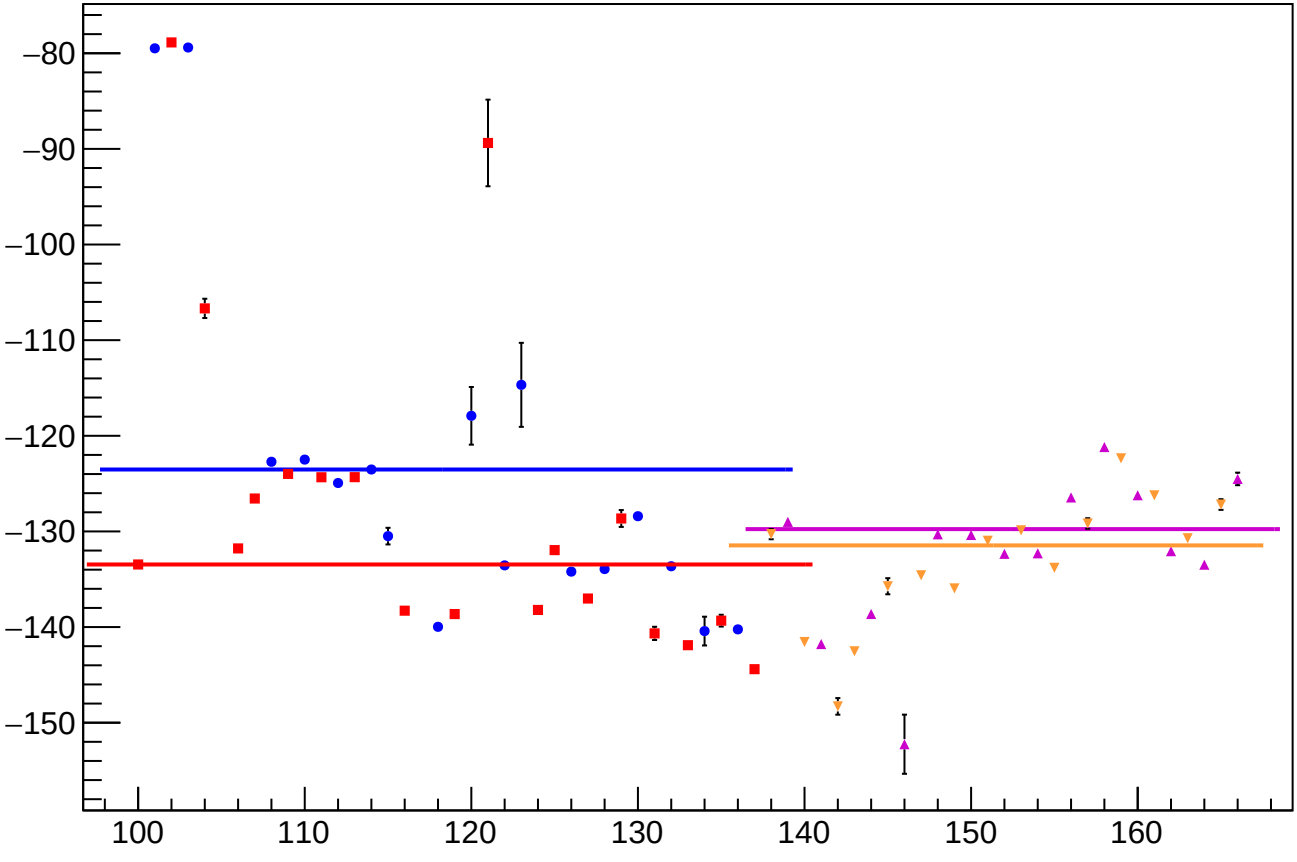
Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:56370.4/30

Out: 93.762+/-0.000 χ^2/NDF:96460.5/33

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: -131.461+/-0.080 χ^2/NDF:7173.9/14

Right Out: -133.456+/-0.000 χ^2/NDF: 394896.3/18

Left In: -129.758+/-0.063 χ^2/NDF:5274.9/13

Left: -130.412+/-0.049 χ^2/NDF: 12730.5/28

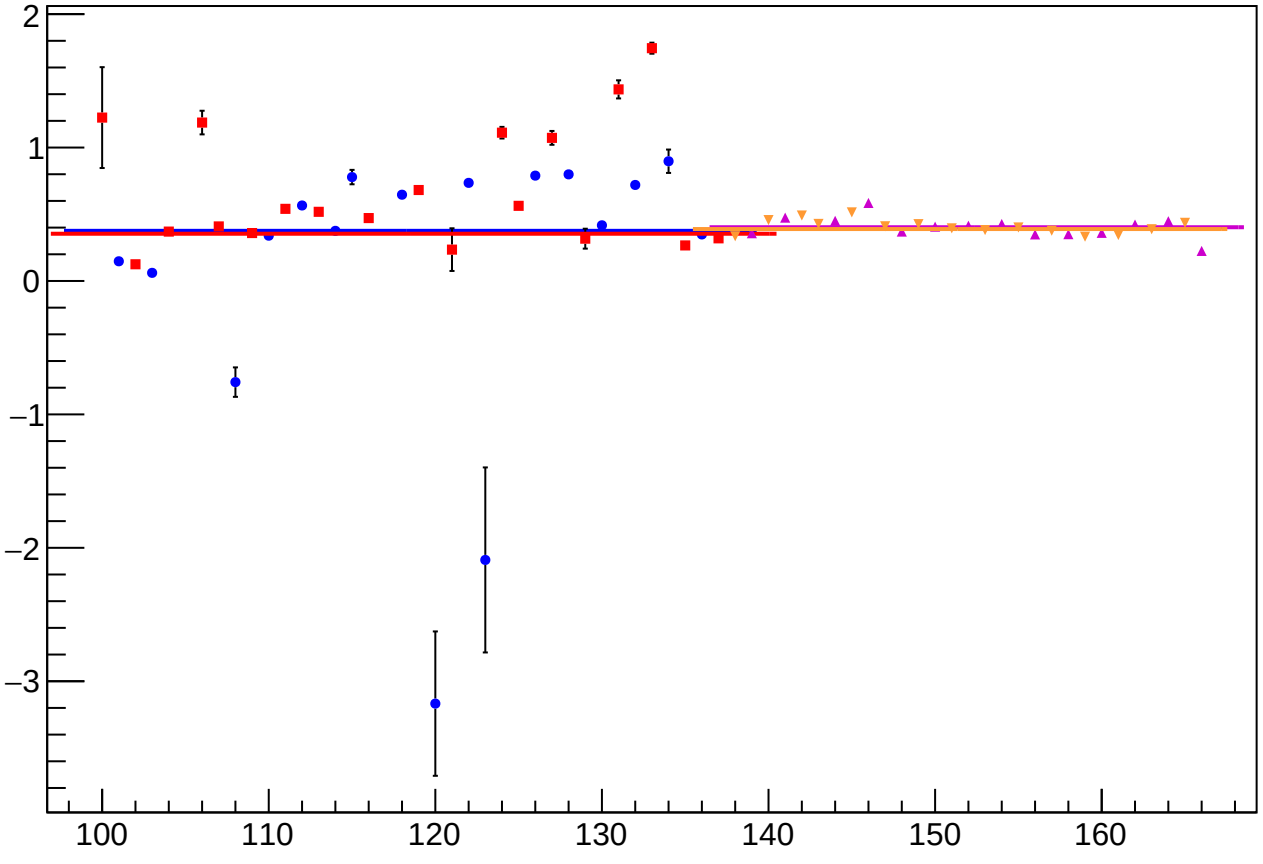
Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:175453.8/30

Out: -133.456+/-0.000 χ^2/NDF:402698.3/33

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: 0.389+/-0.001 χ^2/NDF:4645.7/14

Right Out: 0.354+/-0.002 χ^2/NDF: 4592.7/18

Left In: 0.403+/-0.001 χ^2/NDF:6147.7/13

Left: 0.397+/-0.000 χ^2/NDF: 11082.6/28

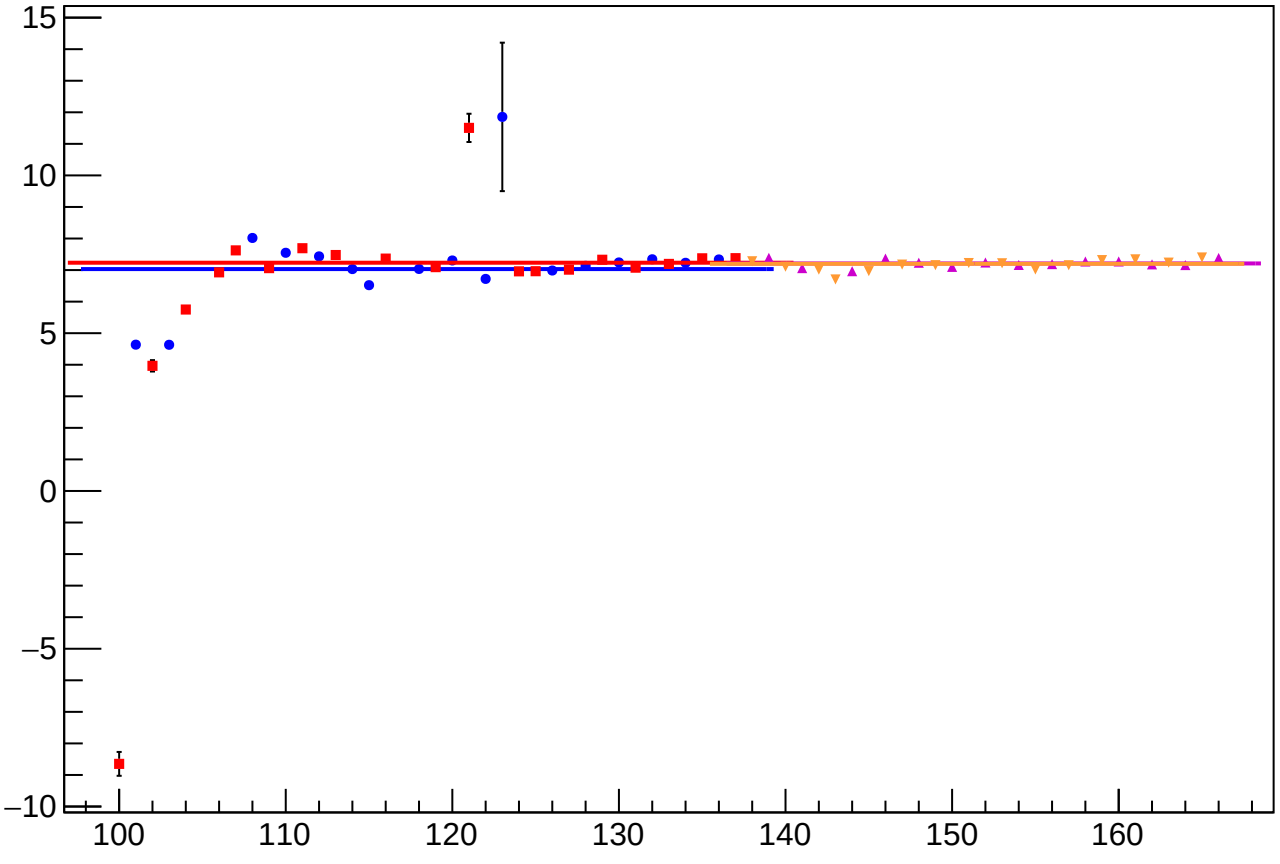
Right: 0.376+/-0.000 χ^2/NDF: 8762.1/35

In: 0.376+/-0.000 χ^2/NDF:12836.9/30

Out: 0.384+/-0.001 χ^2/NDF:9707.4/33

All: 0.376+/-0.000 χ^2/NDF: 22777.4/64

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032+/-0.000 χ^2/NDF: 19770.1/16

Left Out: 7.198+/-0.001 χ^2/NDF:23586.1/14

Right Out: 7.233+/-0.002 χ^2/NDF: 10061.8/18

Left In: 7.210+/-0.001 χ^2/NDF:10252.3/13

Left: 7.205+/-0.001 χ^2/NDF: 33909.6/28

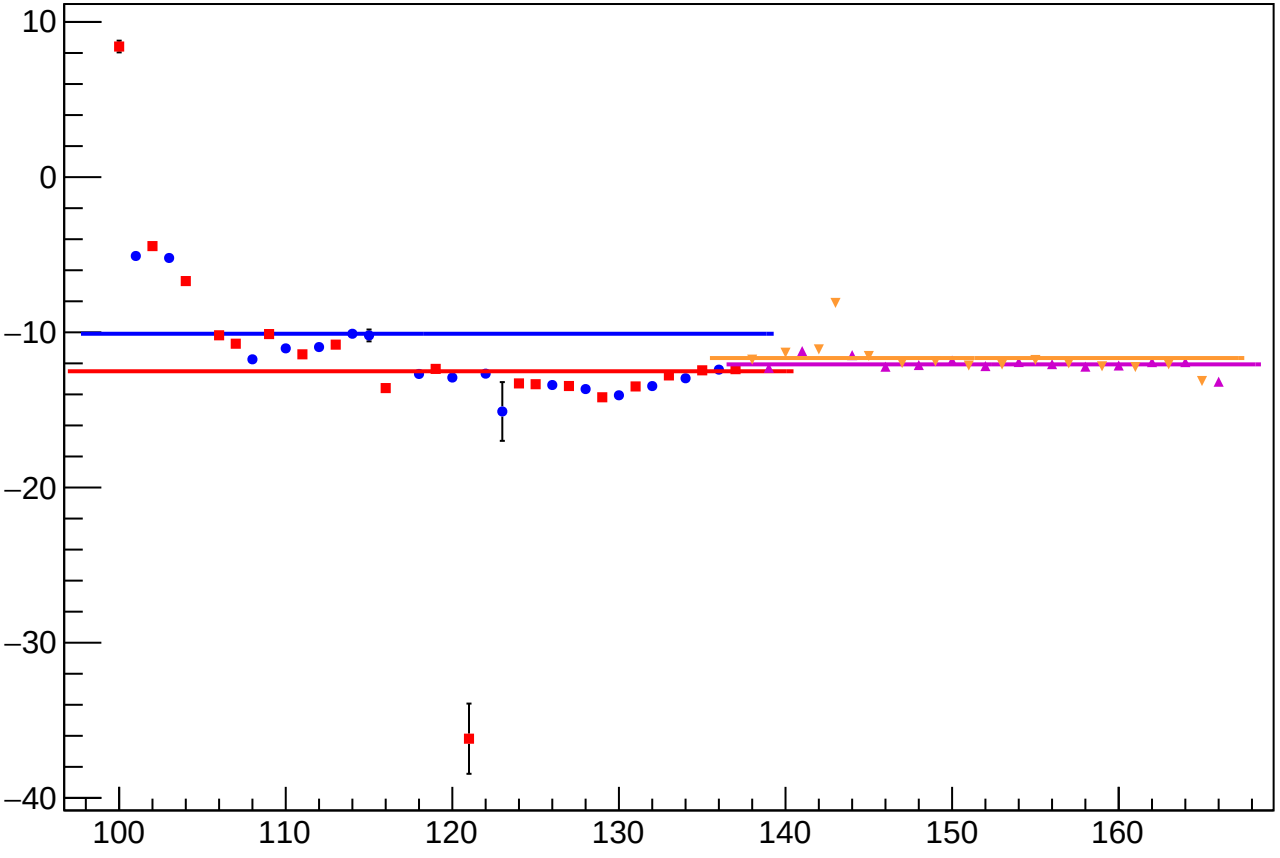
Right: 7.032+/-0.000 χ^2/NDF: 36990.7/35

In: 7.032+/-0.000 χ^2/NDF:65018.5/30

Out: 7.204+/-0.001 χ^2/NDF:33826.5/33

All: 7.032+/-0.000 χ^2/NDF: 133116.5/64

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF: 543504.2/16

Left Out: -11.657+/-0.002 χ^2/NDF:402853.6/14

Right Out: -12.509+/-0.004 χ^2/NDF: 103509.4/18

Left In: -12.064+/-0.002 χ^2/NDF:17058.3/13

Left: -11.866+/-0.001 χ^2/NDF: 443238.3/28

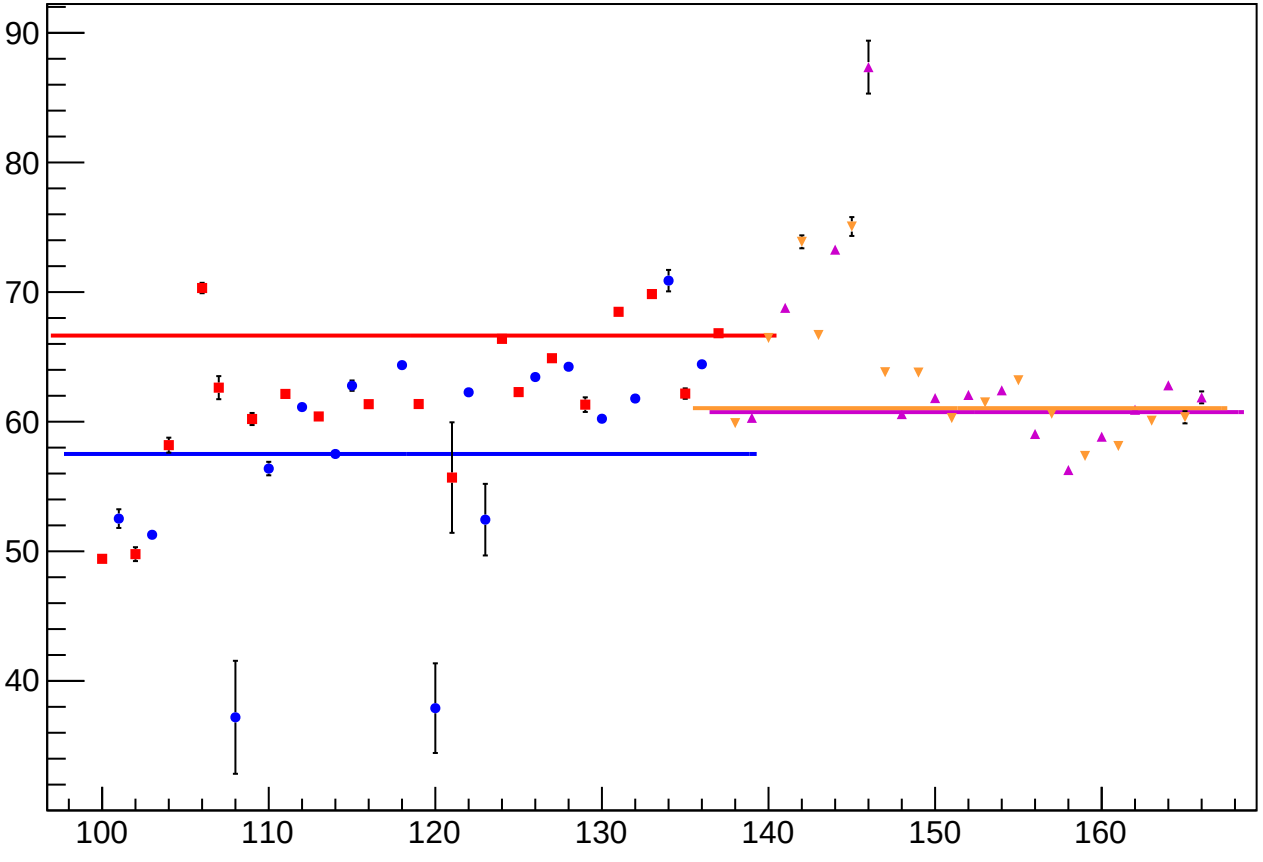
Right: -10.092+/-0.000 χ^2/NDF: 1062248.5/35

In: -10.092+/-0.000 χ^2/NDF:1684149.6/30

Out: -11.833+/-0.002 χ^2/NDF:547312.8/33

All: -10.092+/-0.000 χ^2/NDF: 3275358.0/64

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF: 8108.6/16

Left Out: 61.044+/-0.047 χ^2/NDF:5154.2/14

Right Out: 66.645+/-0.013 χ^2/NDF: 8163.8/18

Left In: 60.740+/-0.037 χ^2/NDF:5660.0/13

Left: 60.859+/-0.029 χ^2/NDF: 10840.2/28

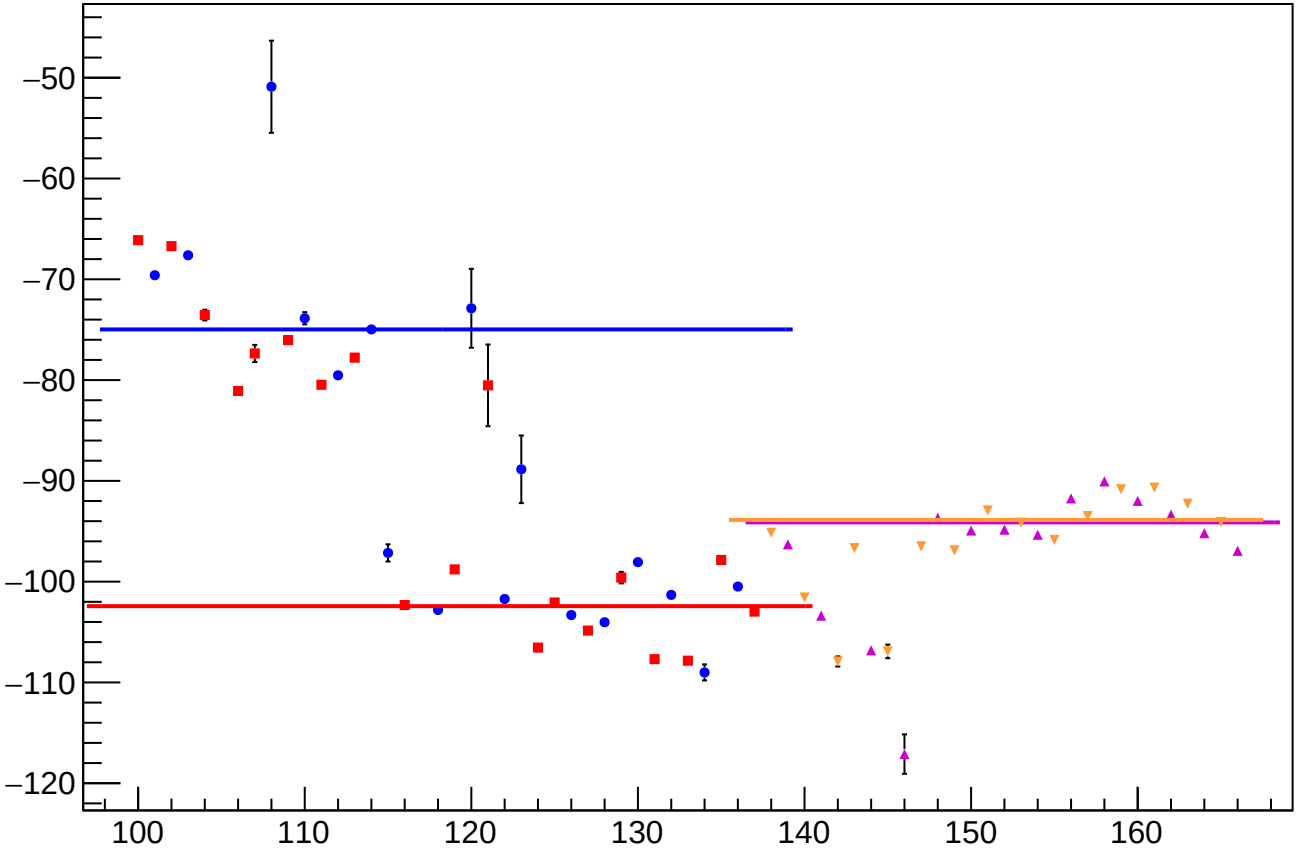
Right: 57.510+/-0.000 χ^2/NDF: 504438.3/35

In: 57.510+/-0.000 χ^2/NDF:21216.0/30

Out: 66.236+/-0.013 χ^2/NDF:26725.8/33

All: 57.510+/-0.000 χ^2/NDF: 528462.1/64

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF: 130544.0/16

Left Out: -93.875+/-0.047 χ^2/NDF:4753.8/14

Right Out: -102.430+/-0.018 χ^2/NDF: 50377.5/18

Left In: -94.121+/-0.038 χ^2/NDF:6205.2/13

Left: -94.023+/-0.029 χ^2/NDF: 10975.7/28

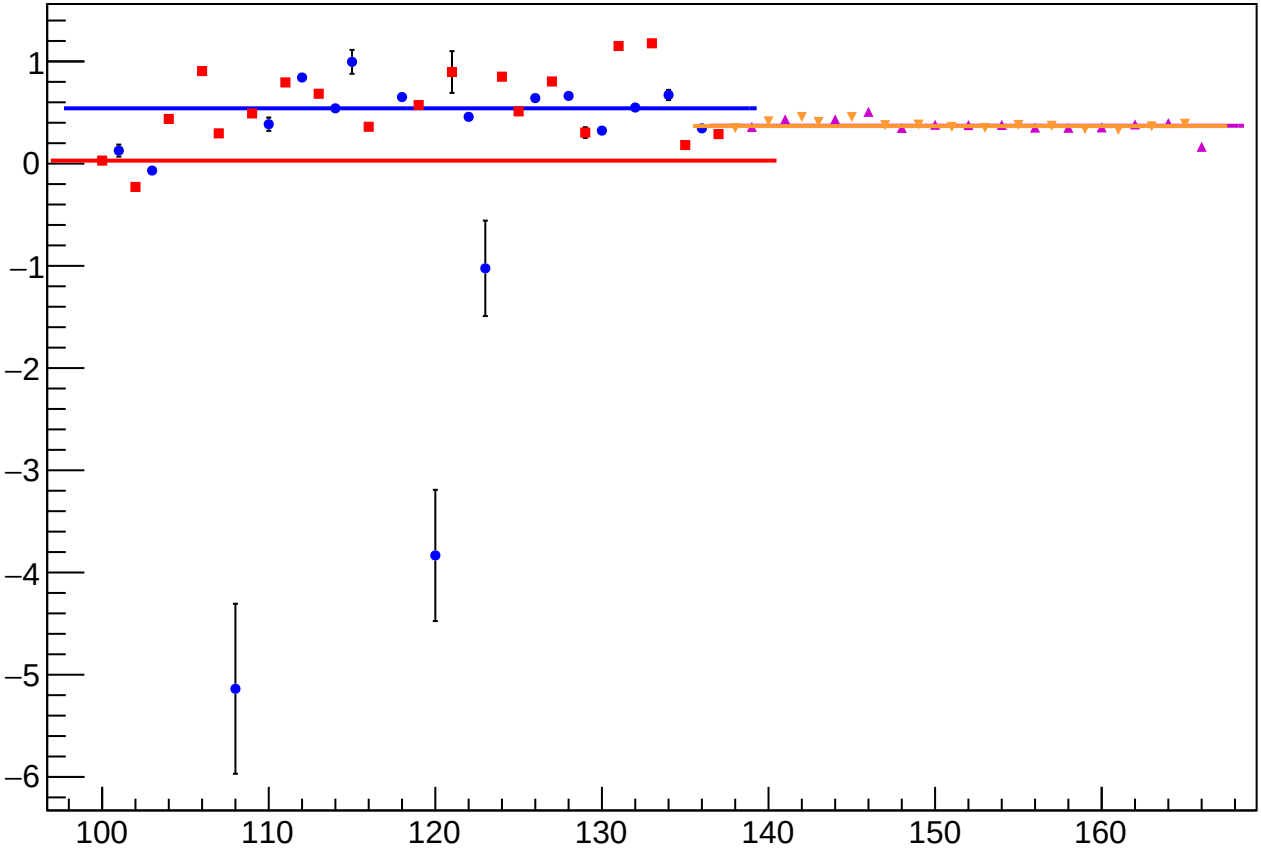
Right: -74.974+/-0.000 χ^2/NDF: 2556524.2/35

In: -74.974+/-0.000 χ^2/NDF:392388.3/30

Out: -101.343+/-0.017 χ^2/NDF:84453.8/33

All: -74.974+/-0.000 χ^2/NDF: 2987104.6/64

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF: 29180.5/16

Left Out: 0.367+/-0.000 χ^2/NDF:3053.9/14

Right Out: 0.030+/-0.000 χ^2/NDF: 121659.5/18

Left In: 0.371+/-0.000 χ^2/NDF:5057.9/13

Left: 0.370+/-0.000 χ^2/NDF: 8150.5/28

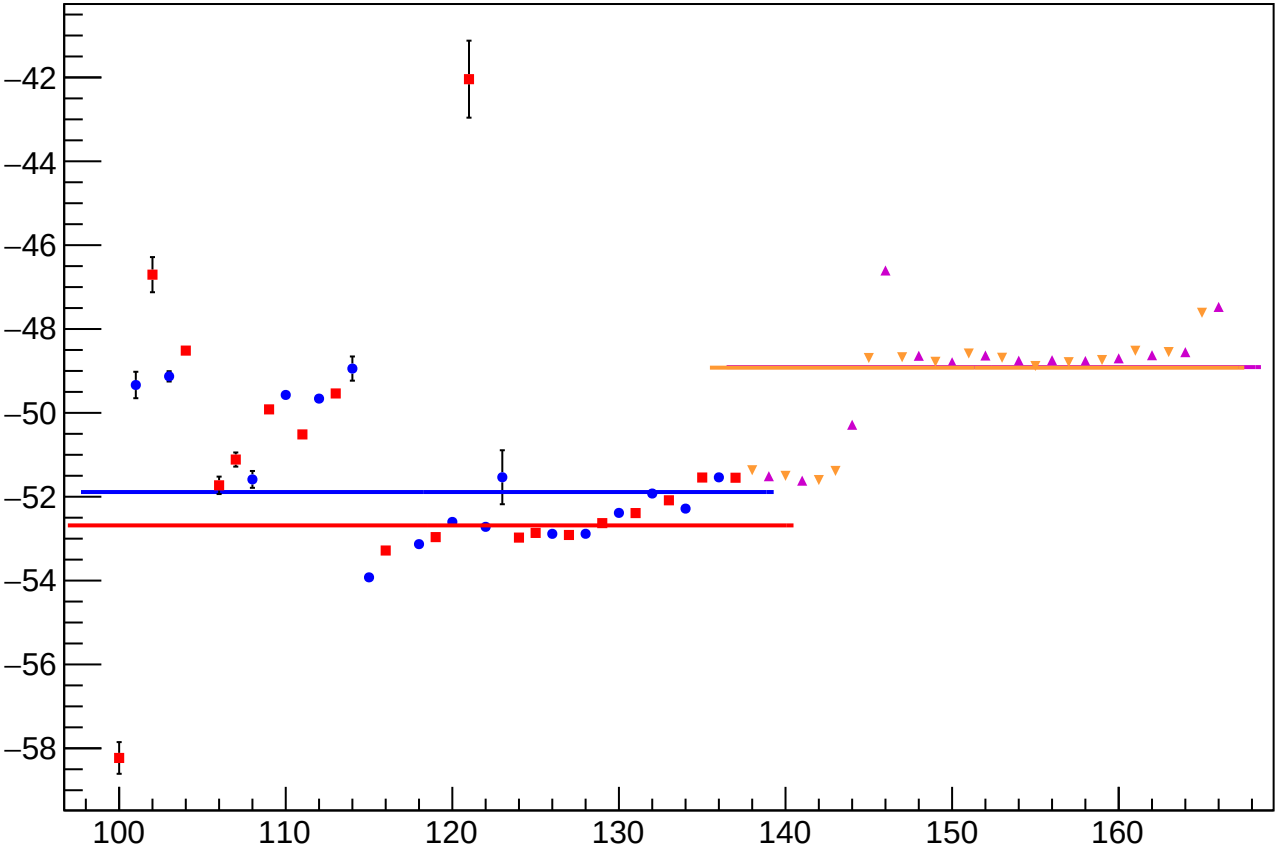
Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:303611.1/30

Out: 0.030+/-0.000 χ^2/NDF:660017.1/33

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: -48.922+/-0.001 χ^2/NDF:367680.8/14

Right Out: -52.684+/-0.003 χ^2/NDF: 56125.8/18

Left In: -48.908+/-0.001 χ^2/NDF:531333.5/13

Left: -48.914+/-0.001 χ^2/NDF: 899078.6/28

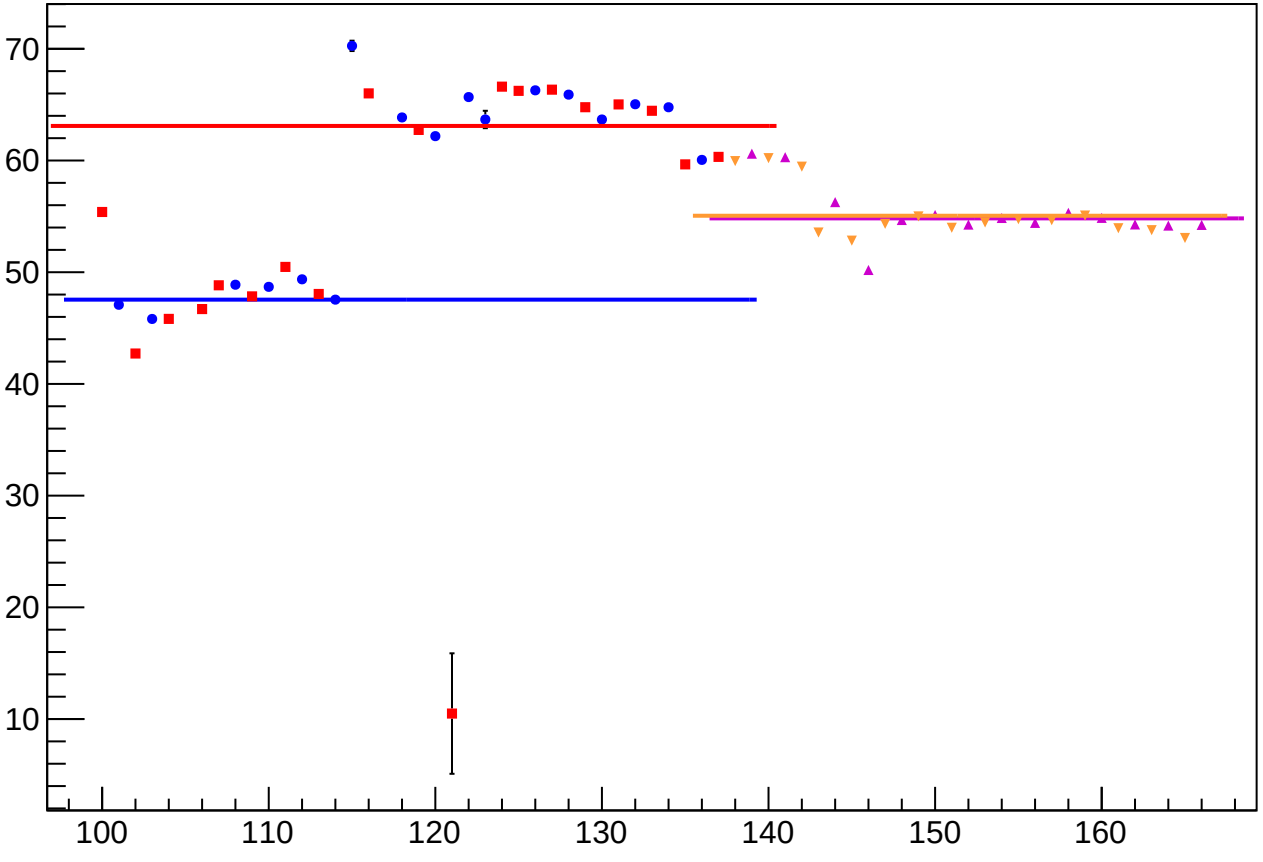
Right: -52.231+/-0.002 χ^2/NDF: 188721.6/35

In: -49.443+/-0.001 χ^2/NDF:2076359.7/30

Out: -49.693+/-0.001 χ^2/NDF:2141262.3/33

All: -49.543+/-0.001 χ^2/NDF: 4245609.1/64

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF: 3491700.1/16

Left Out: 55.056+/-0.003 χ^2/NDF:240733.7/14

Right Out: 63.095+/-0.007 χ^2/NDF: 333637.2/18

Left In: 54.819+/-0.003 χ^2/NDF:82303.2/13

Left: 54.915+/-0.002 χ^2/NDF: 326056.8/28

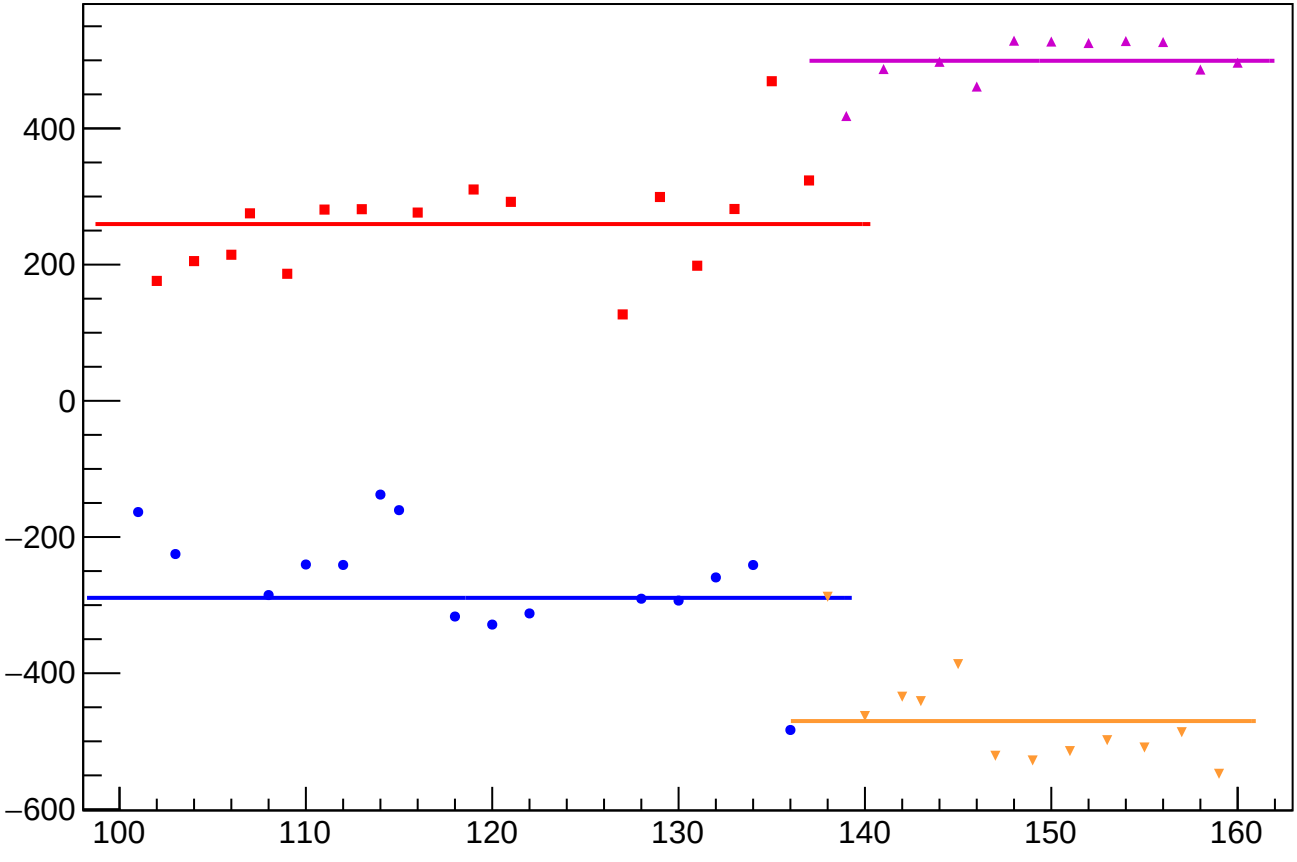
Right: 47.545+/-0.000 χ^2/NDF: 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF:10600306.4/30

Out: 56.384+/-0.003 χ^2/NDF:1540387.0/33

All: 47.545+/-0.000 χ^2/NDF: 20608721.8/64

dit_4aX_coil1_mean vs Slug, Sign Corrected



Left: 16.381+/-0.000 χ^2/NDF: 43828608668570412

Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -470.248+/-0.000 χ^2/NDF:46073619006351335073368931742232084 48.0/11

In: 173.938+/-0.000 χ^2/NDF:2434992102571034

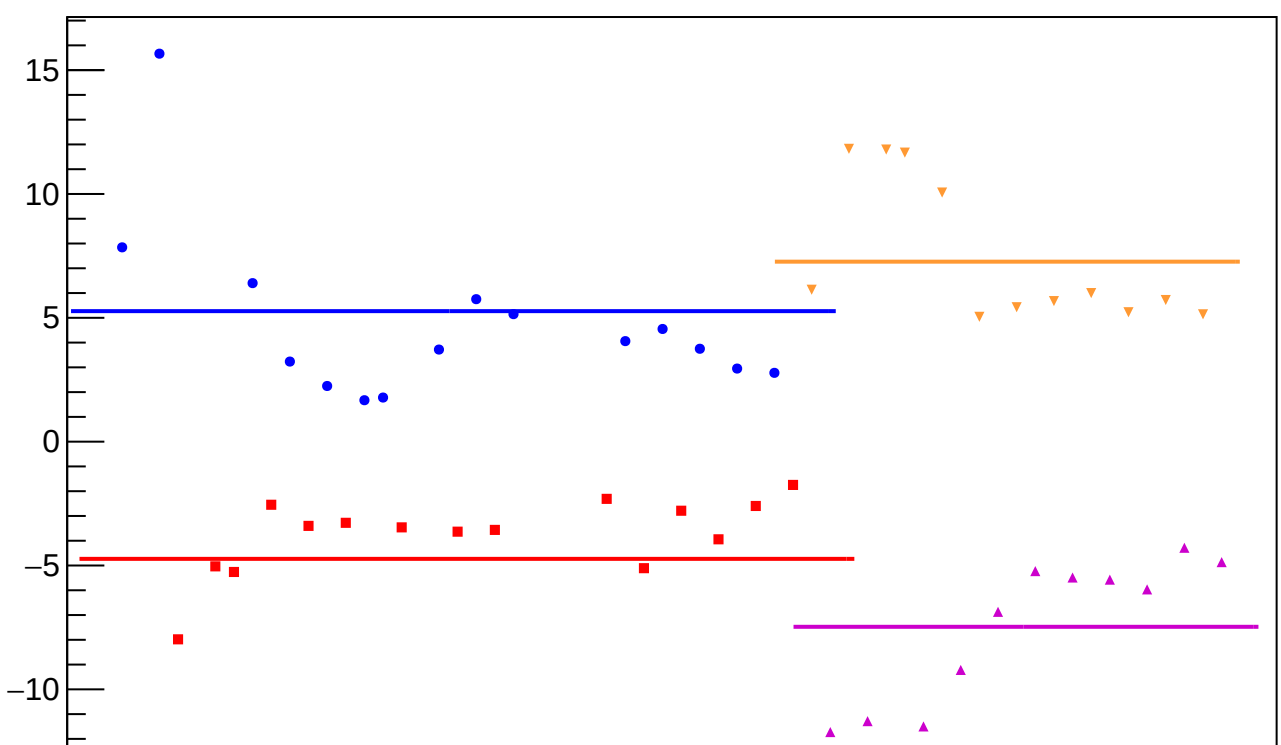
Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

Out: -162.937+/-0.000 χ^2/NDF:214569343830480

Left In: 499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655114 24.0/10

All: 4.914+/-0.000 χ^2/NDF: 5476353608355

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Left Out: 7.267+/-0.000 χ^2/NDF:65618458913614380994529453638942 72.0/11

Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

Left: -0.132+/-0.000 χ^2/NDF: 11364150360100076

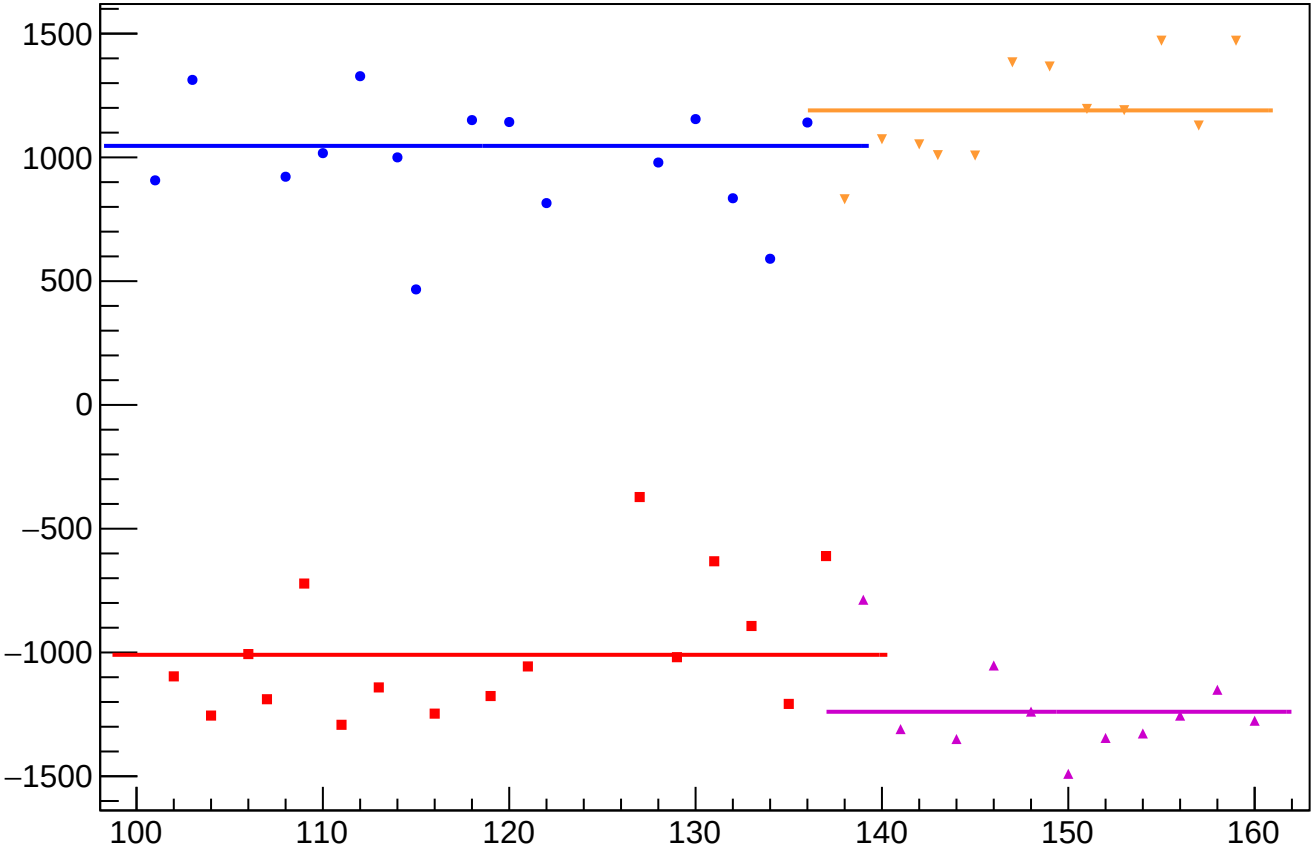
Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

Out: 2.215+/-0.000 χ^2/NDF:69010722061877531 8

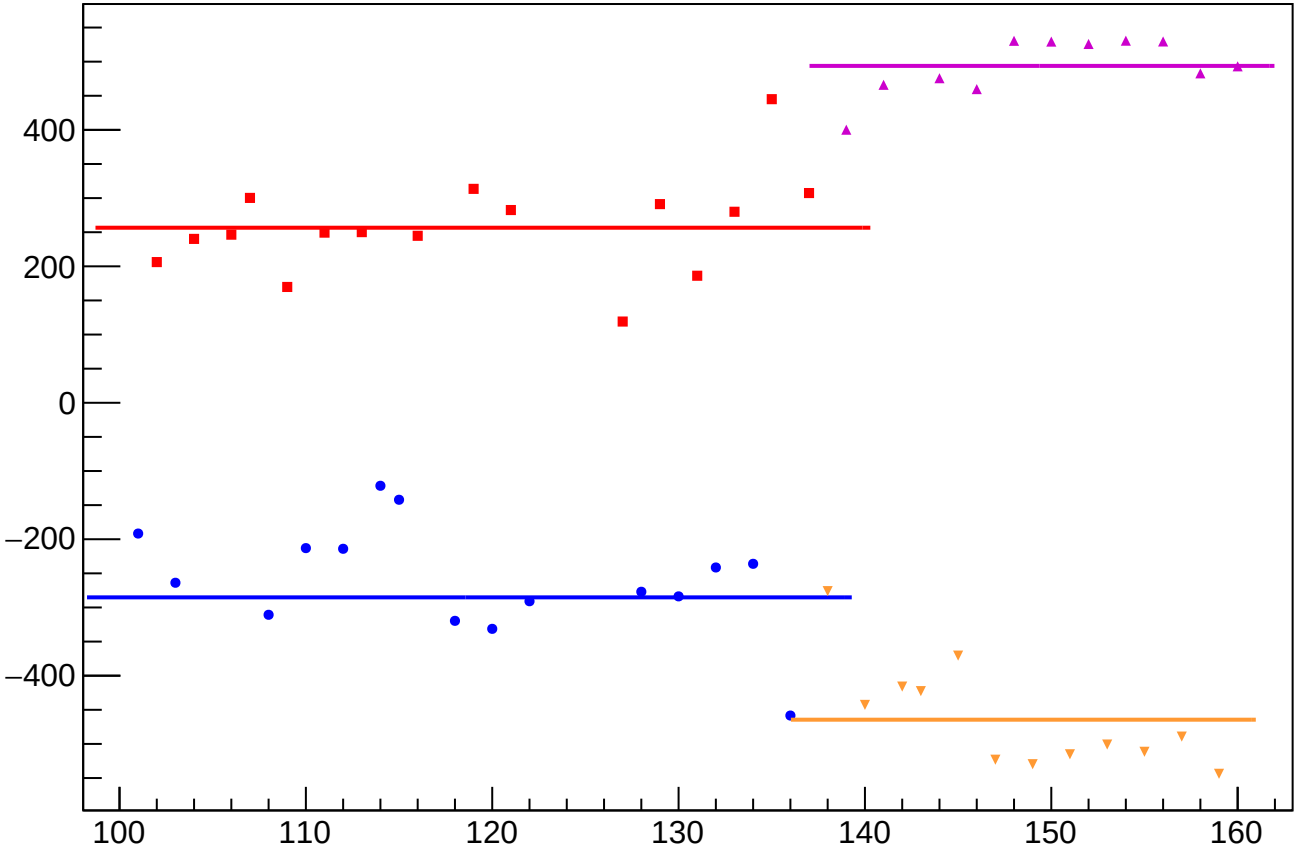
All: 0.007+/-0.000 χ^2/NDF: 16219425295293

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



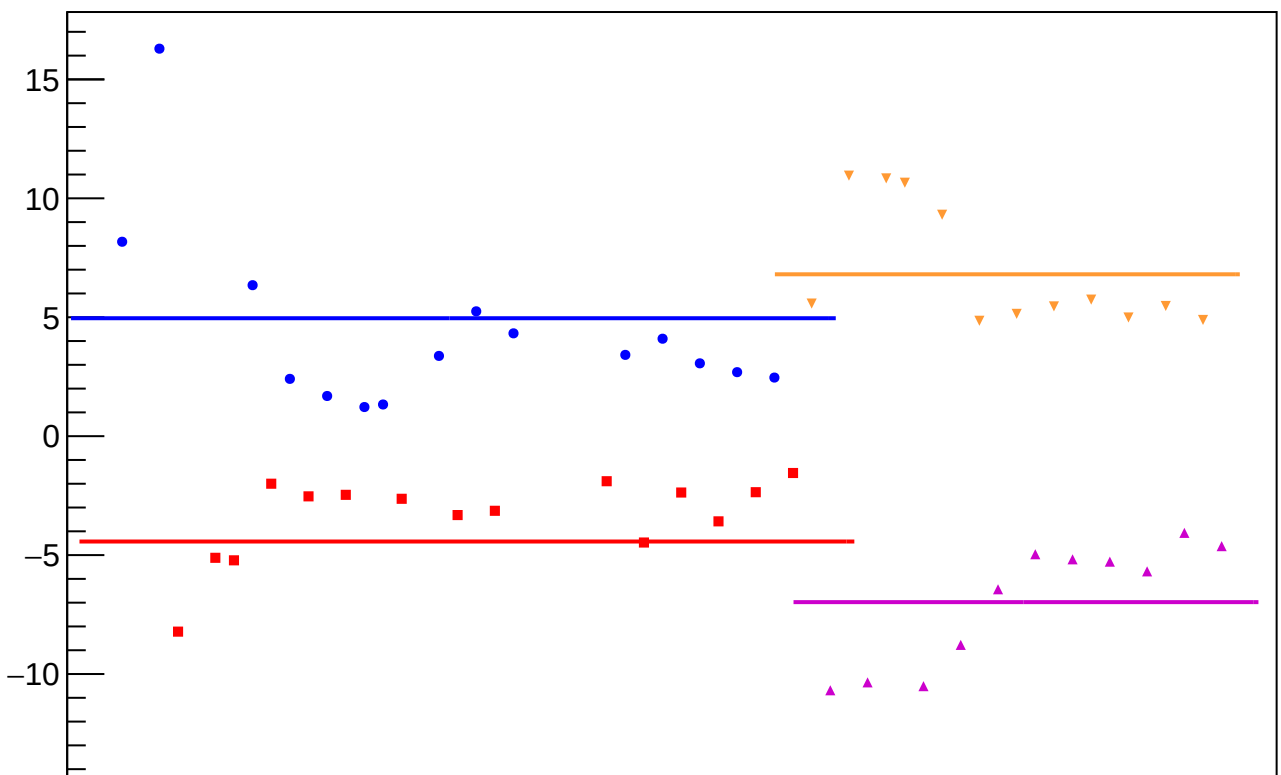
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_4eX_coil1_mean vs Slug, Sign Corrected



Left: 16.468+/-0.000 χ^2/NDF: 4294944403006017
Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -464.487+/-0.000 χ^2/NDF:54125122737446035774748796605264035 84.0/11
In: 172.388+/-0.000 χ^2/NDF:2372579446199701
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: -160.848+/-0.000 χ^2/NDF:209837987568430
Left In: 493.780+/-0.000 χ^2/NDF:145179473127714223090146053222668697 6.0/10
All: 5.190+/-0.000 χ^2/NDF: 5347380399612

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Left: -0.112+/-0.000 χ^2/NDF: 98305442984761491

Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

Left Out: 6.806+/-0.000 χ^2/NDF:5243464744446974431083540143669248.0/11

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

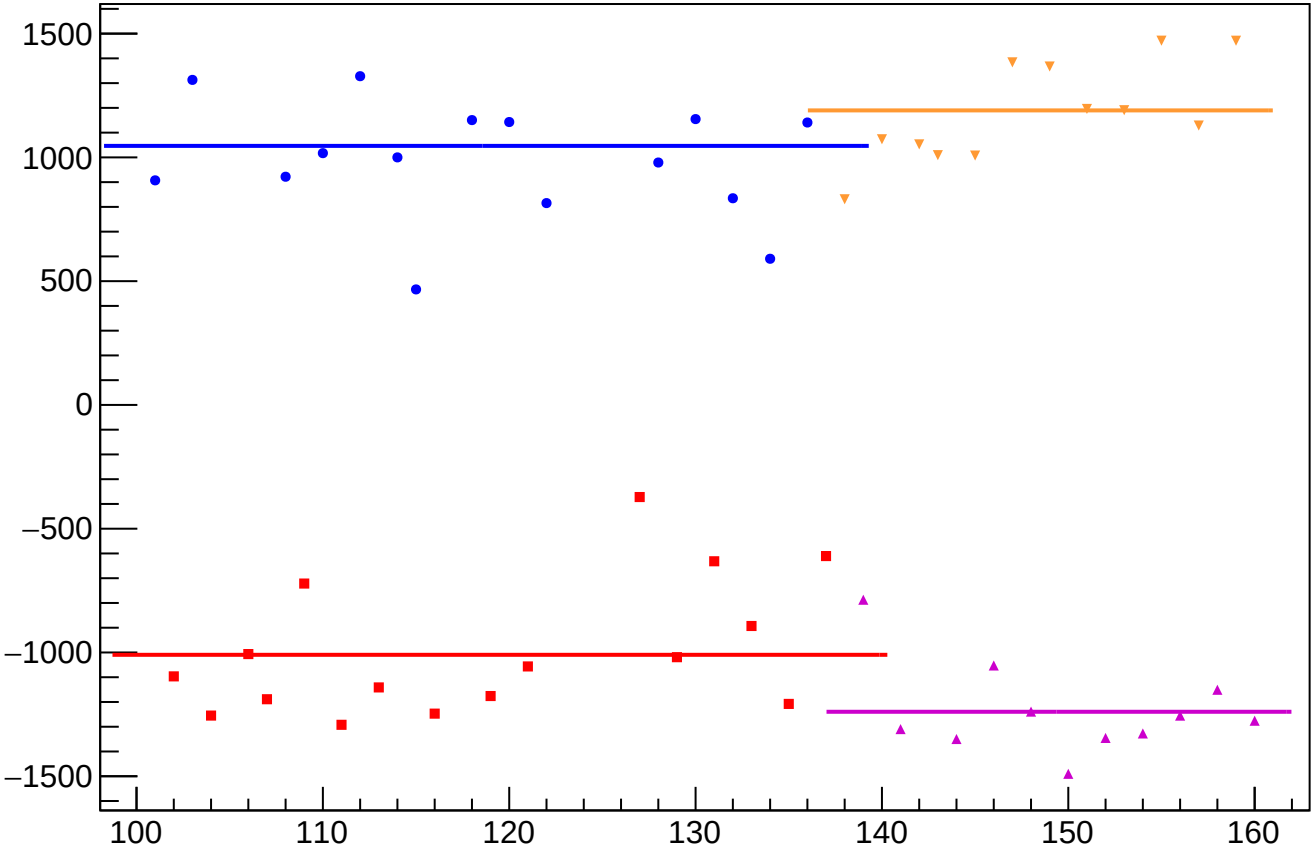
Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Out: 2.075+/-0.000 χ^2/NDF:62353311889232177 8

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

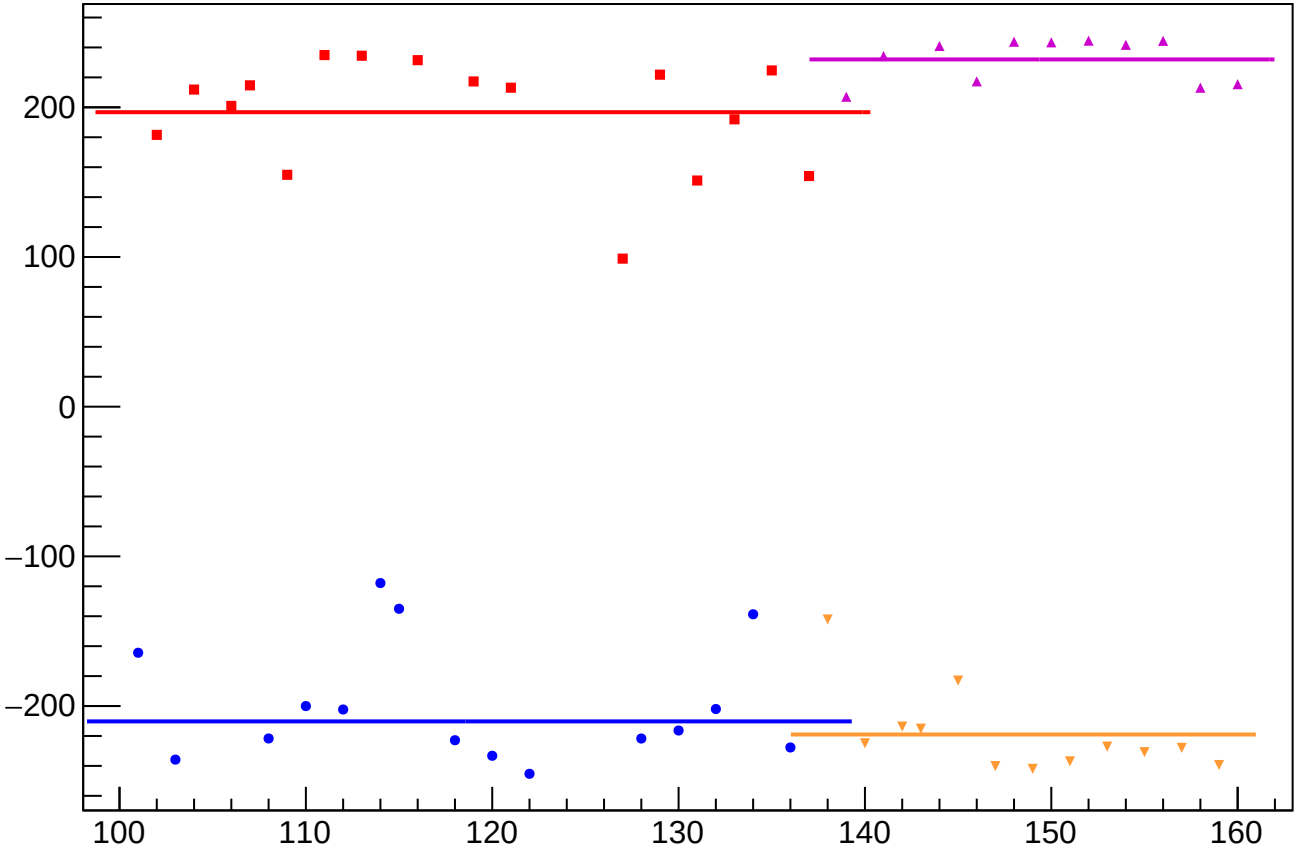
All: 0.018+/-0.000 χ^2/NDF: 1462068445773 8

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



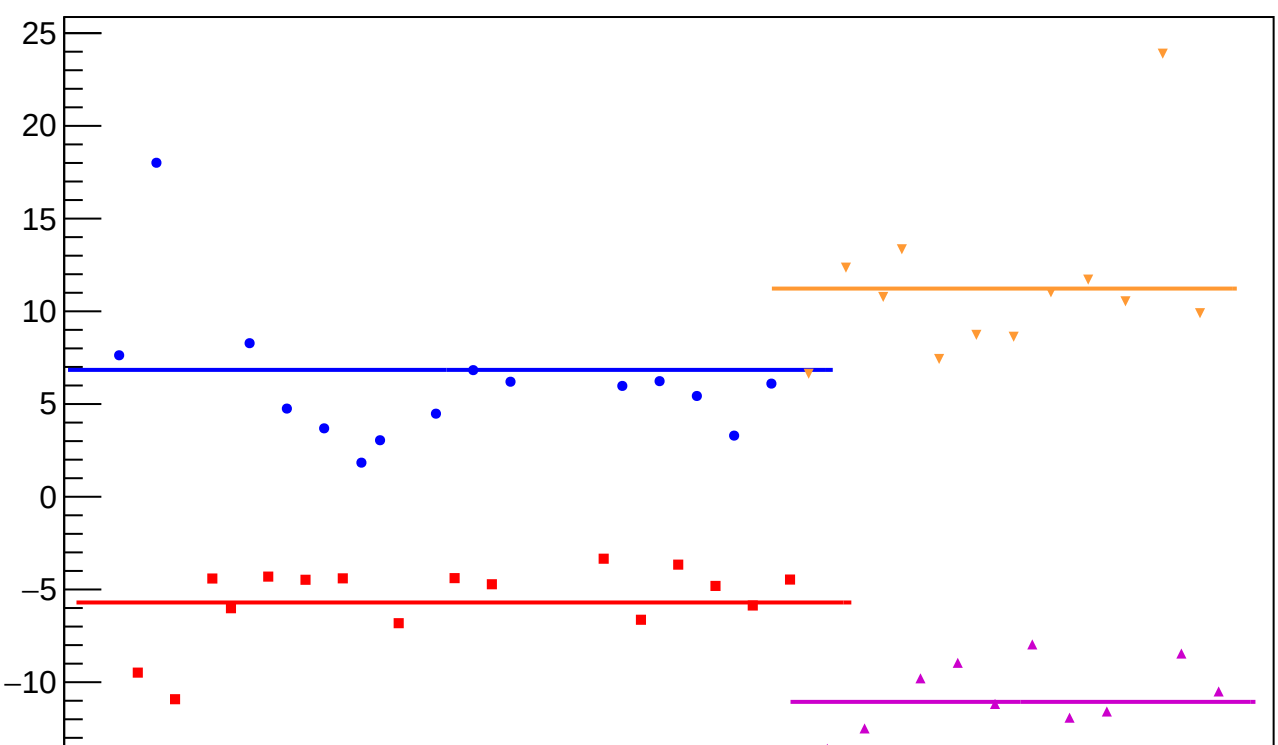
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_11X12X_coil1_mean vs Slug, Sign Corrected



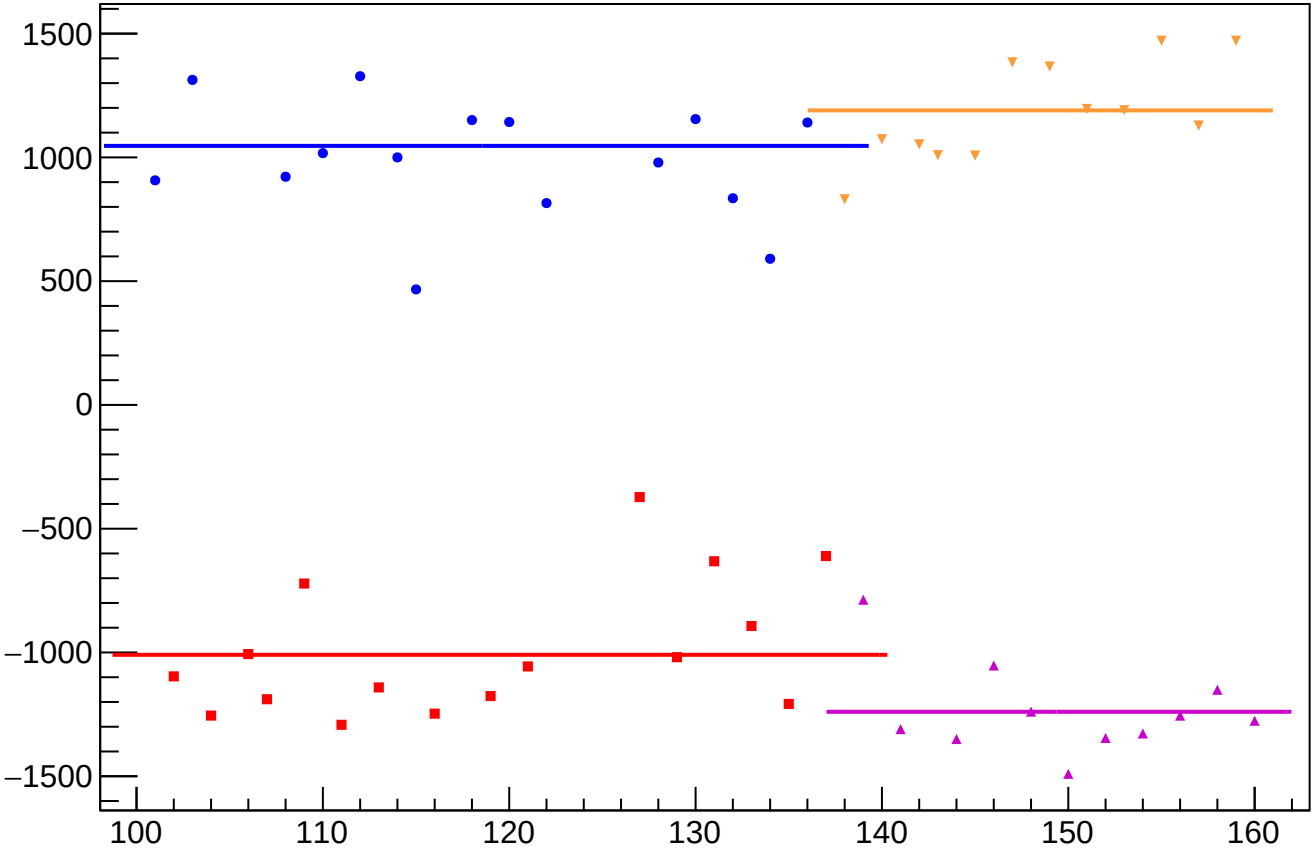
Left: 7.345+/-0.000 χ^2/NDF: 94526045033422364
Right In: -210.261+/-0.000 χ^2/NDF: 567711076568068409192467700494893056.0/14
Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263
Left Out: -219.010+/-0.000 χ^2/NDF:7311322343420992689001316159775047 68.0/11
In: 49.520+/-0.000 χ^2/NDF:75312551342115055
Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15
Out: -43.945+/-0.000 χ^2/NDF:6838245163544745
Left In: 231.985+/-0.000 χ^2/NDF:18299202728040146313906510529088716 8.0/10
All: 2.624+/-0.000 χ^2/NDF: 1505895384399

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



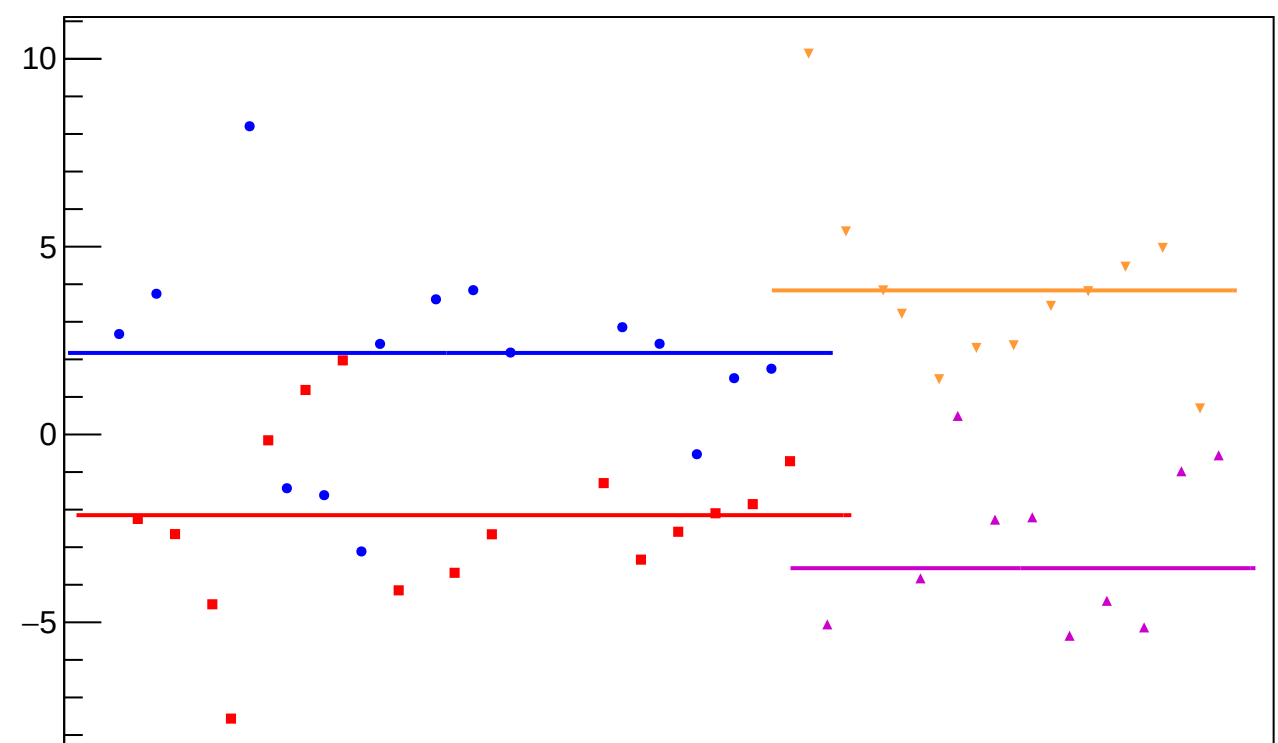
Left: 0.040+/-0.000 χ^2/NDF: 25018583674186082
Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14
Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291
Left Out: 11.226+/-0.000 χ^2/NDF:171578317285058105545435772081930 24.0/11
In: -3.675+/-0.000 χ^2/NDF:135955249397154669
Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15
Out: 4.098+/-0.000 χ^2/NDF:13097537700358980
Left In: -11.061+/-0.000 χ^2/NDF:441755938778495440031193371351449 6.0/10
All: 0.225+/-0.000 χ^2/NDF: 3146156012036

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:194774148077866 7
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_4aY_coil1_mean vs Slug, Sign Corrected



Left: 0.124+/-0.000 χ^2/NDF: 367351832959330491

Right In: 2.171+/-0.000 χ^2/NDF: 3599819246909975678410499691642880.0/14

Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488

Left Out: 3.836+/-0.000 χ^2/NDF:5077142493205652960507998024761344.0/11

In: -1.195+/-0.000 χ^2/NDF:226097487134650351

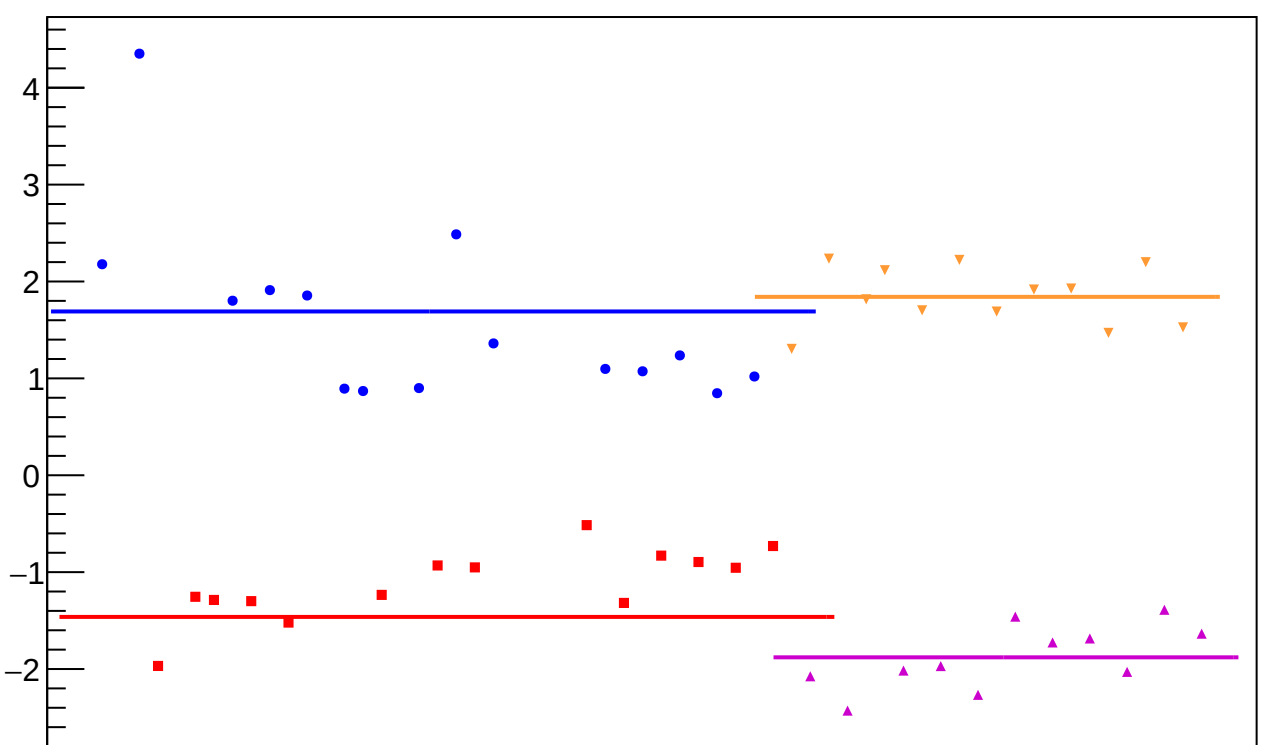
Right Out: -2.148+/-0.000 χ^2/NDF: 3093887336239378959606321931878400.0/15

Out: 1.316+/-0.000 χ^2/NDF:219948934261625392

Left In: -3.559+/-0.000 χ^2/NDF:6492667345109962540652165758713856.0/10

All: 0.065+/-0.000 χ^2/NDF: 49580185469382

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.026+/-0.000 χ^2/NDF: 65477757468547027

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.841+/-0.000 χ^2/NDF:853386632133716013992078475264 00.0/11

In: -0.406+/-0.000 χ^2/NDF:556196517771187765

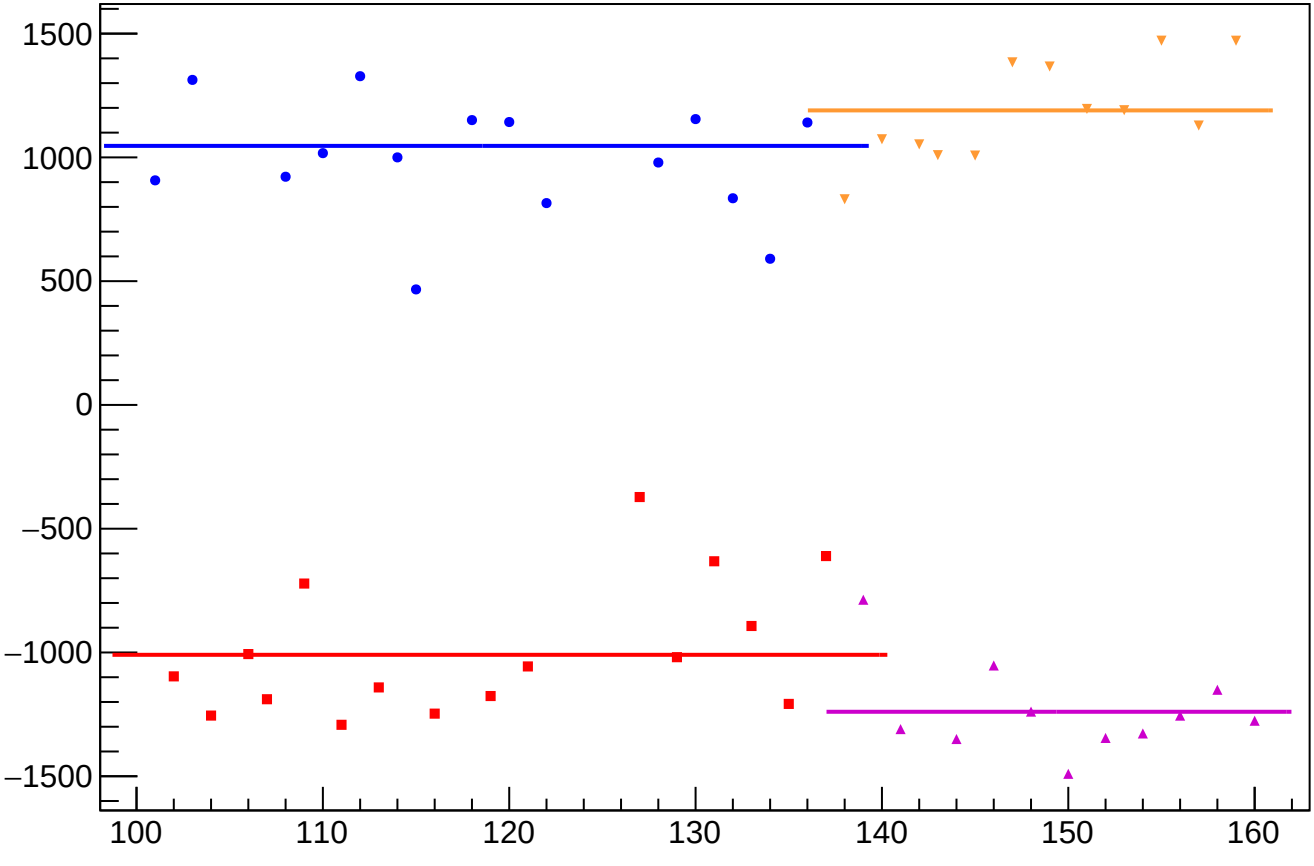
Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.450+/-0.000 χ^2/NDF:474372194444709163

Left In: -1.879+/-0.000 χ^2/NDF:909680522681123096173429821276 16.0/10

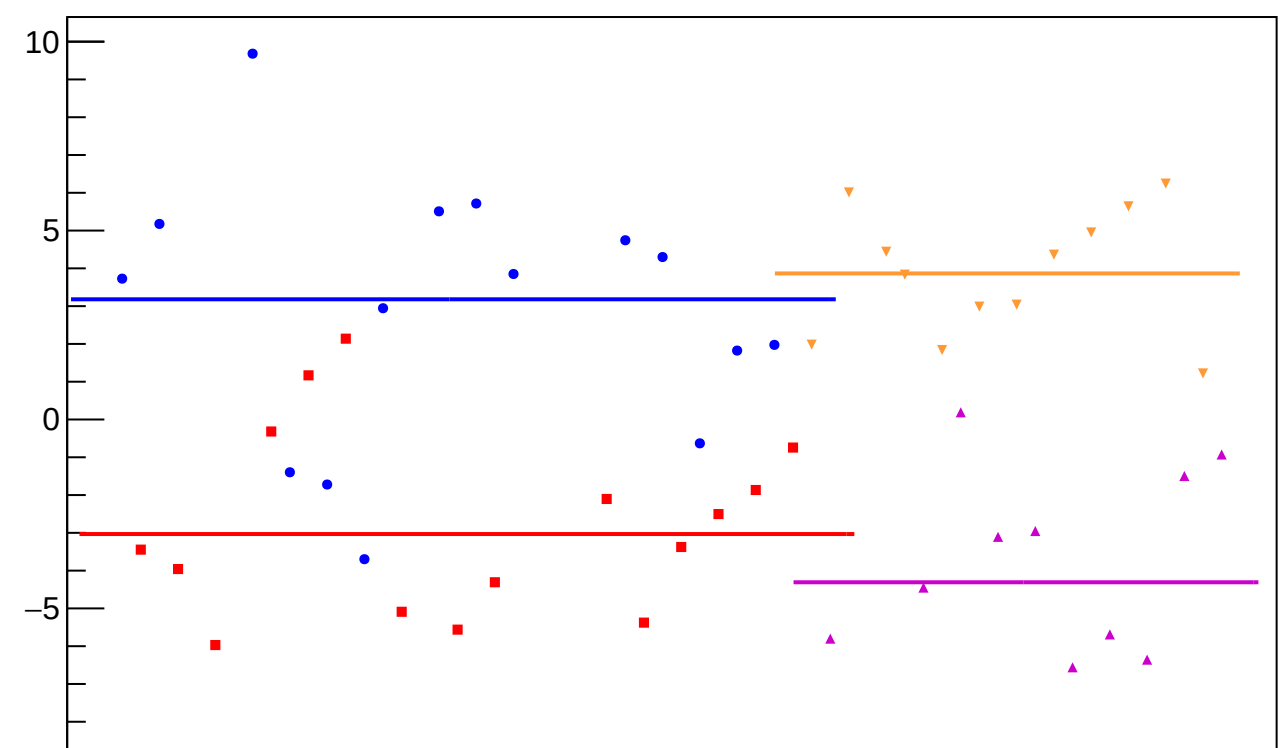
All: 0.024+/-0.000 χ^2/NDF: 1088493187133 5

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 3.181+/-0.000 χ^2/NDF: 583330322786825261770456639419187 2.0/14

Left Out: 3.865+/-0.000 χ^2/NDF:249802179242454281721420457810329 6.0/11

Right Out: -3.032+/-0.000 χ^2/NDF: 493720983137179394549654683333427 2.0/15

Left In: -4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

Left: -0.237+/-0.000 χ^2/NDF: 4032036361493267 6

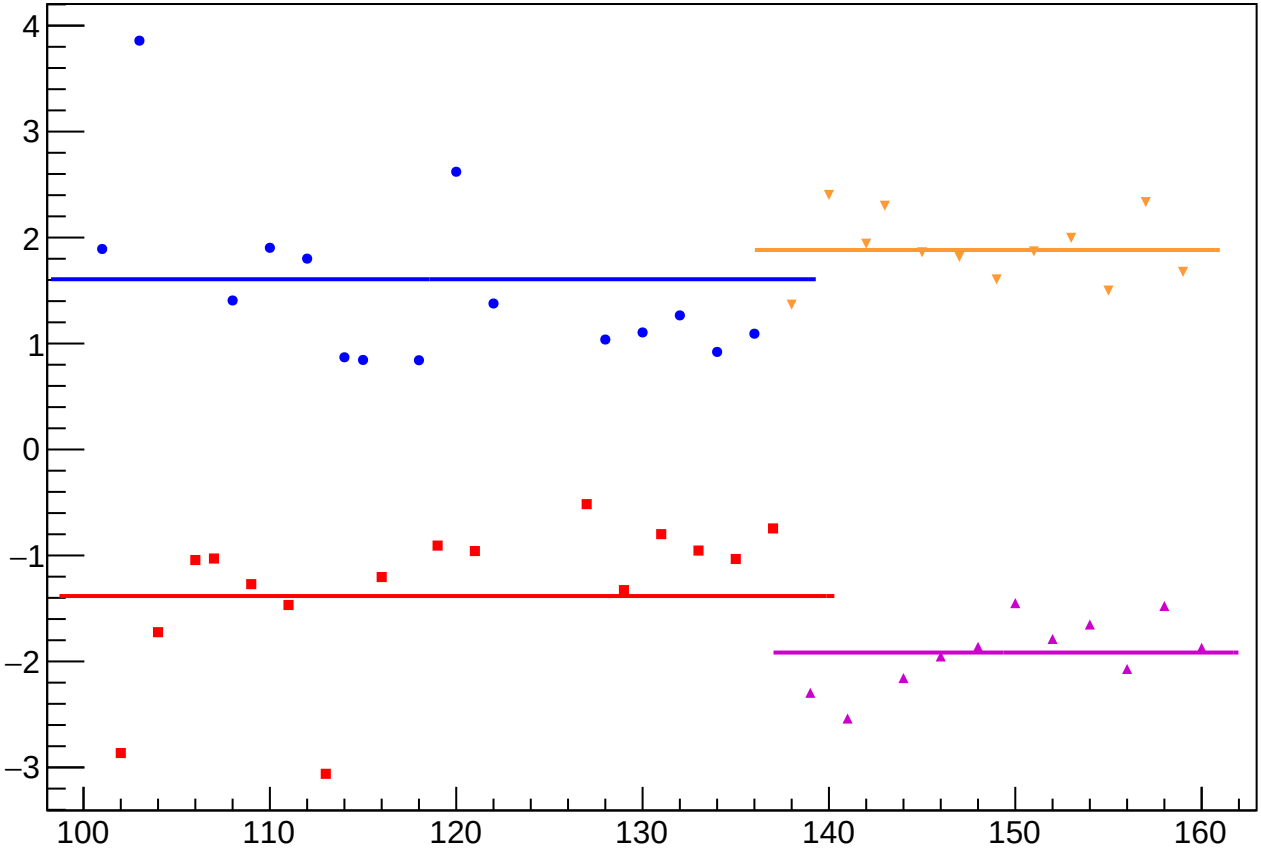
Right: 0.032+/-0.000 χ^2/NDF: 2346777156531399 0

In: -1.218+/-0.000 χ^2/NDF:342914810766388262

Out: 0.961+/-0.000 χ^2/NDF:258037287584241486

All: -0.125+/-0.000 χ^2/NDF: 6384378527742

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Left: -0.024+/-0.000 χ^2/NDF: 68309048623499406

Right In: 1.607+/-0.000 χ^2/NDF: 46094962864014818418120573583360 0.0/14

Right: 0.091+/-0.000 χ^2/NDF: 37590279045296247

Left Out: 1.883+/-0.000 χ^2/NDF:93981074591902245168022313500672.0/11

In: -0.463+/-0.000 χ^2/NDF:52869711711088575 9

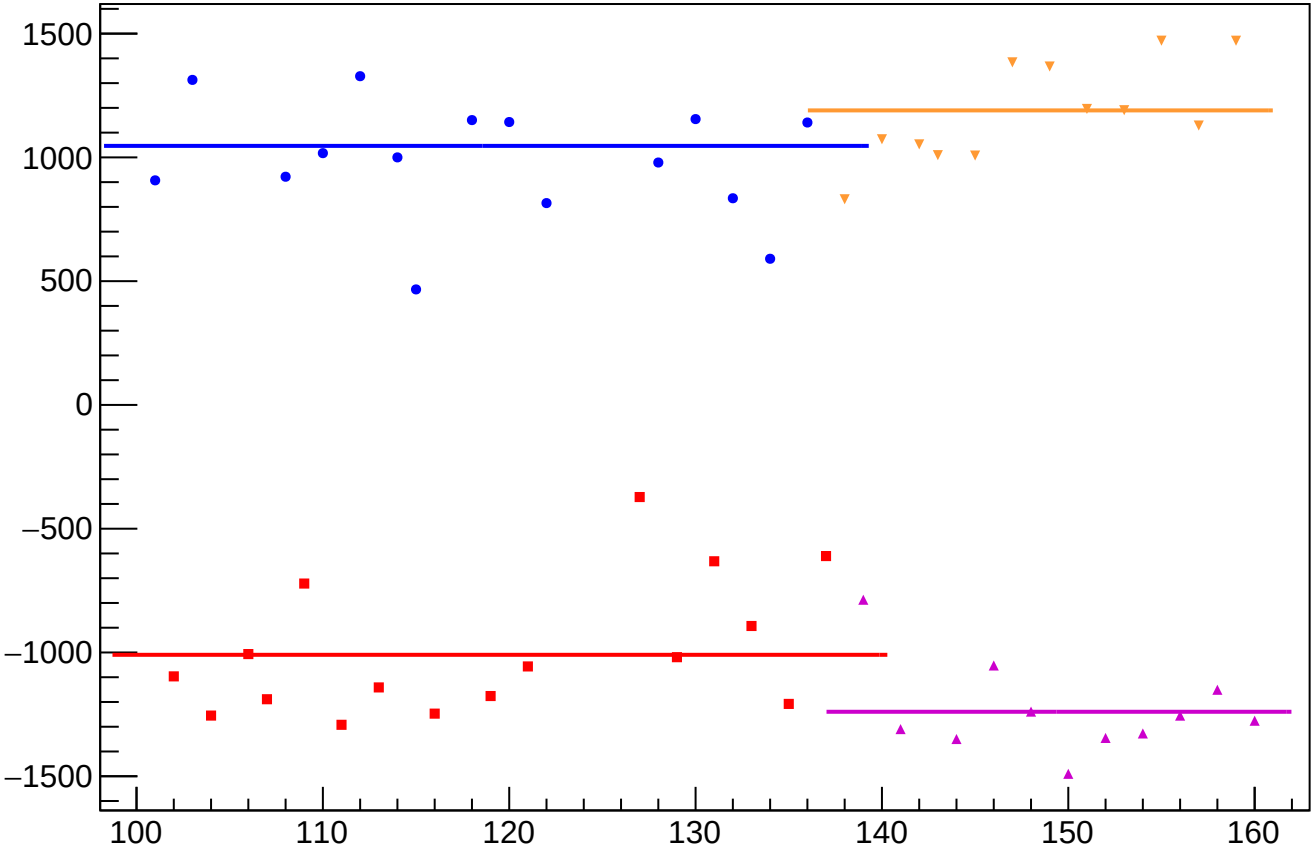
Right Out: -1.383+/-0.000 χ^2/NDF: 35834889701628620095765033779200 0.0/15

Out: 0.508+/-0.000 χ^2/NDF:4570147587666561 33

Left In: -1.916+/-0.000 χ^2/NDF:95276515809016209875699691945984.0/10

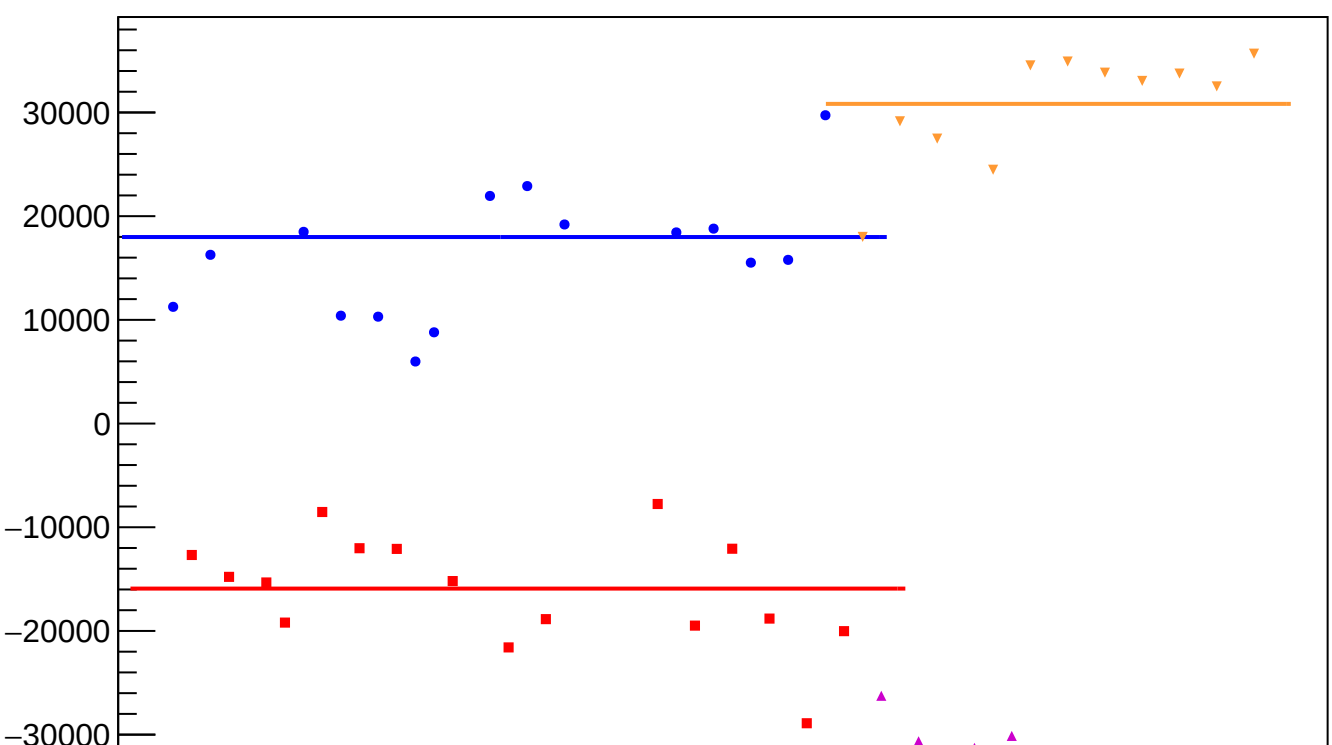
All: 0.024+/-0.000 χ^2/NDF: 1060013591097 5

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



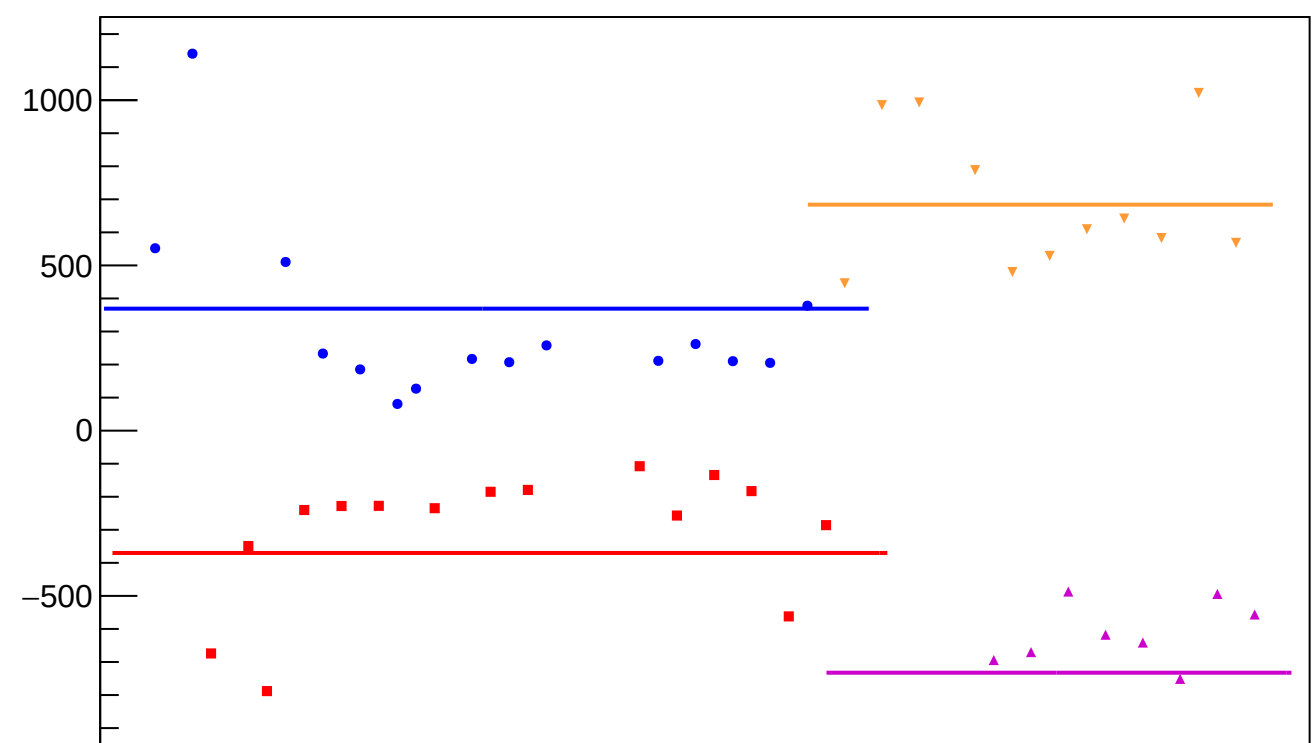
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_usl_coil1_mean vs Slug, Sign Corrected



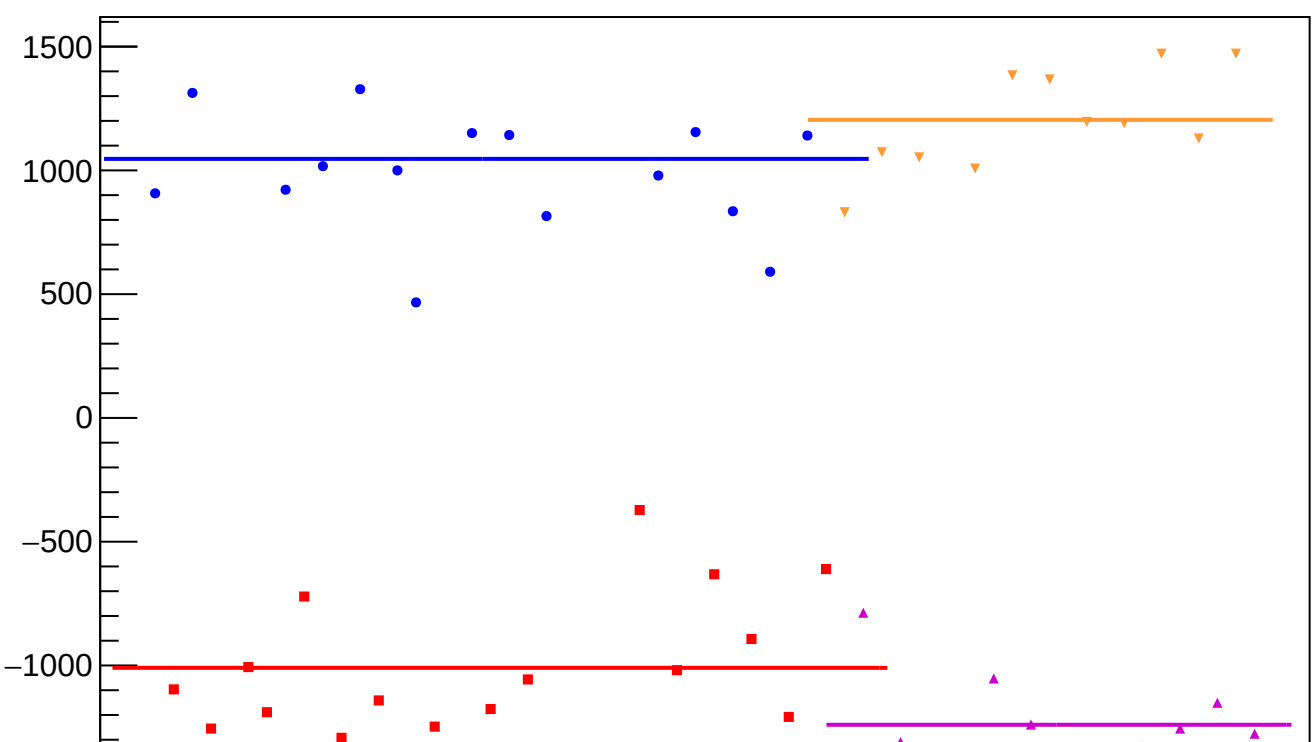
Left: -2129.611+/-0.000 χ^2/NDF: 18025044289596
Right In: 17988.185+/-0.000 χ^2/NDF: 24815111809984217103544001237552952508416.0/14
Right: 804.617+/-0.000 χ^2/NDF: 42286475662187
Left Out: 30828.996+/-0.000 χ^2/NDF:23225941804061934913195205321671126810624.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
Right Out: -15915.227+/-0.000 χ^2/NDF: 19954189674705952707042287416087223992320.0/15
Out: 10276.328+/-0.000 χ^2/NDF:8597908531512
Left In: -32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10
All: -879.953+/-0.000 χ^2/NDF: 22318740534

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -53.836+/-0.000 χ^2/NDF: 9618173038927167
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 683.818+/-0.000 χ^2/NDF:33889213327859325358647069977975193600.0/10
In: -277.915+/-0.000 χ^2/NDF:5506122743016459
Right Out: -370.091+/-0.000 χ^2/NDF: 48214462907052107543037037125316902912.0/15
Out: 220.432+/-0.000 χ^2/NDF:4972162872039721
Left In: -732.414+/-0.000 χ^2/NDF:39942105840529115736569596950263889920.0/10
All: -33.257+/-0.000 χ^2/NDF: 123961521761

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -68.704+/-0.000 χ^2/NDF: 2705916714398658

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: 1204.078+/-0.000 χ^2/NDF:3312337571426764622034743421814439936 0.0/10

In: -296.360+/-0.000 χ^2/NDF:204629200913052 7

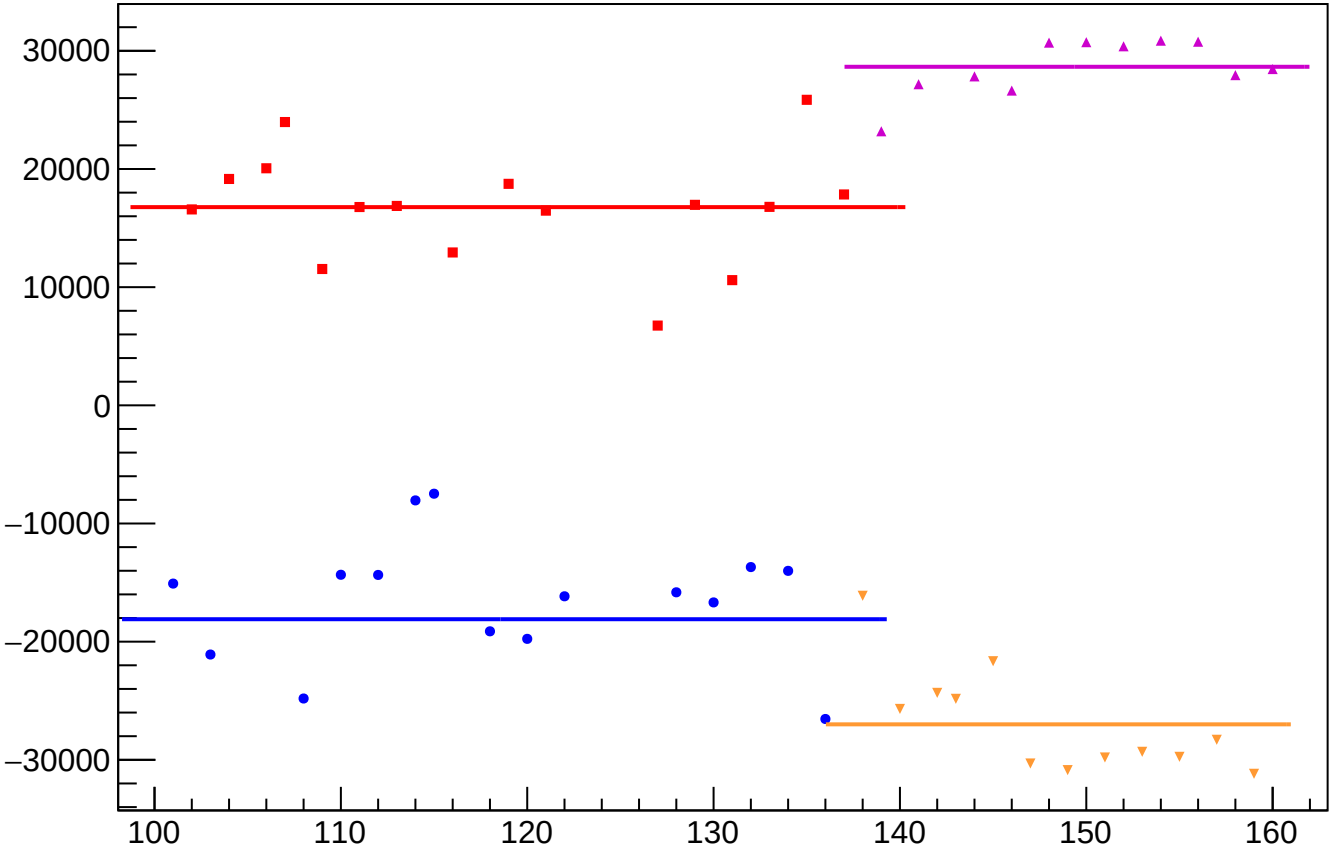
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 230.828+/-0.000 χ^2/NDF:190889009786300 1

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -37.543+/-0.000 χ^2/NDF: 41698106749 6

dit_usr_coil1_mean vs Slug, Sign Corrected



Left: 932.640+/-0.000 χ^2/NDF: 1447675891071353

Right In: -18100.637+/-0.000 χ^2/NDF: 1463496754617358696763204076542869949644 8.0/14

Right: -425.015+/-0.000 χ^2/NDF: 4289286358261 3

Left Out: -26996.716+/-0.000 χ^2/NDF:1764633321621440442009639448668150956032 0.0/11

In: 9361.516+/-0.000 χ^2/NDF:852714786238125 5

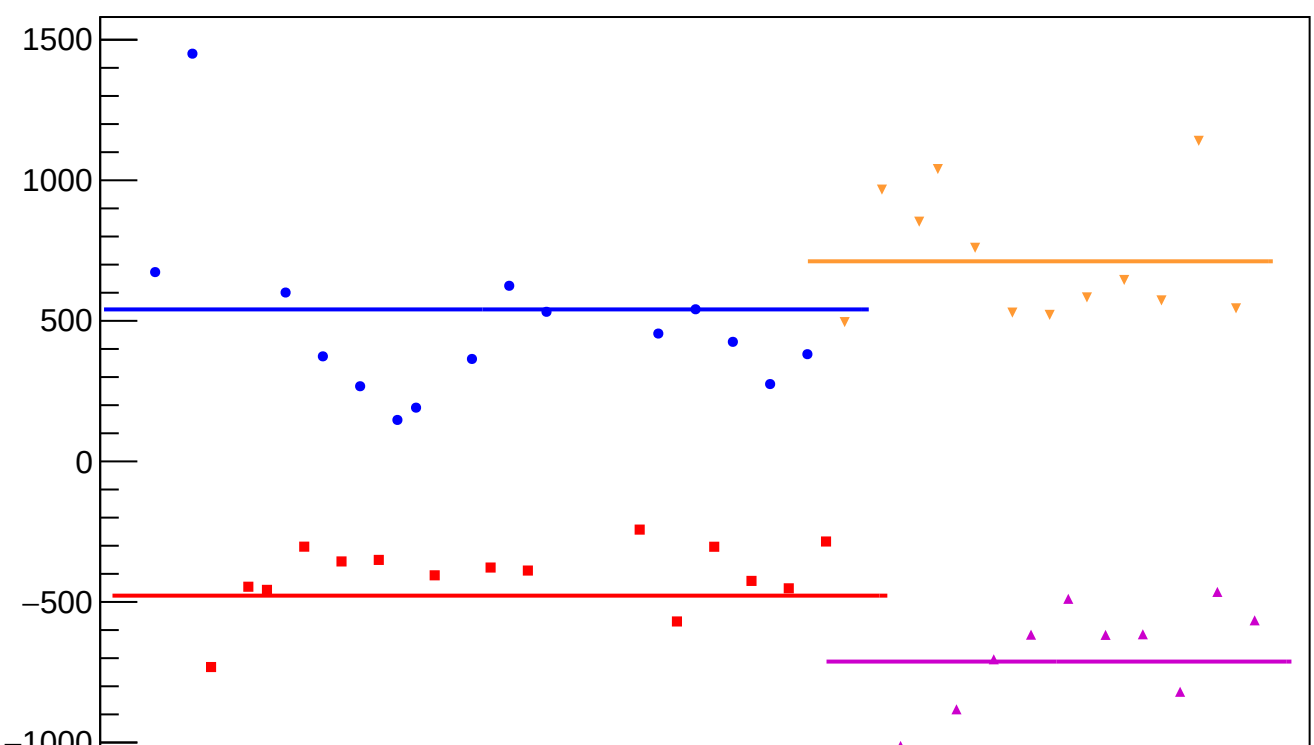
Right Out: 16773.604+/-0.000 χ^2/NDF: 1423454793113581227747434288656836617830 4.0/15

Out: -8565.653+/-0.000 χ^2/NDF:7716555075884 9

Left In: 28650.410+/-0.000 χ^2/NDF:4838827535981080826725947474344765554688.0/10

All: 366.700+/-0.000 χ^2/NDF: 1878019062 56

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 711.811+/-0.000 χ^2/NDF:4288675510353598988827843944304024023 04.0/11

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: -2.848+/-0.000 χ^2/NDF: 10101220835843143

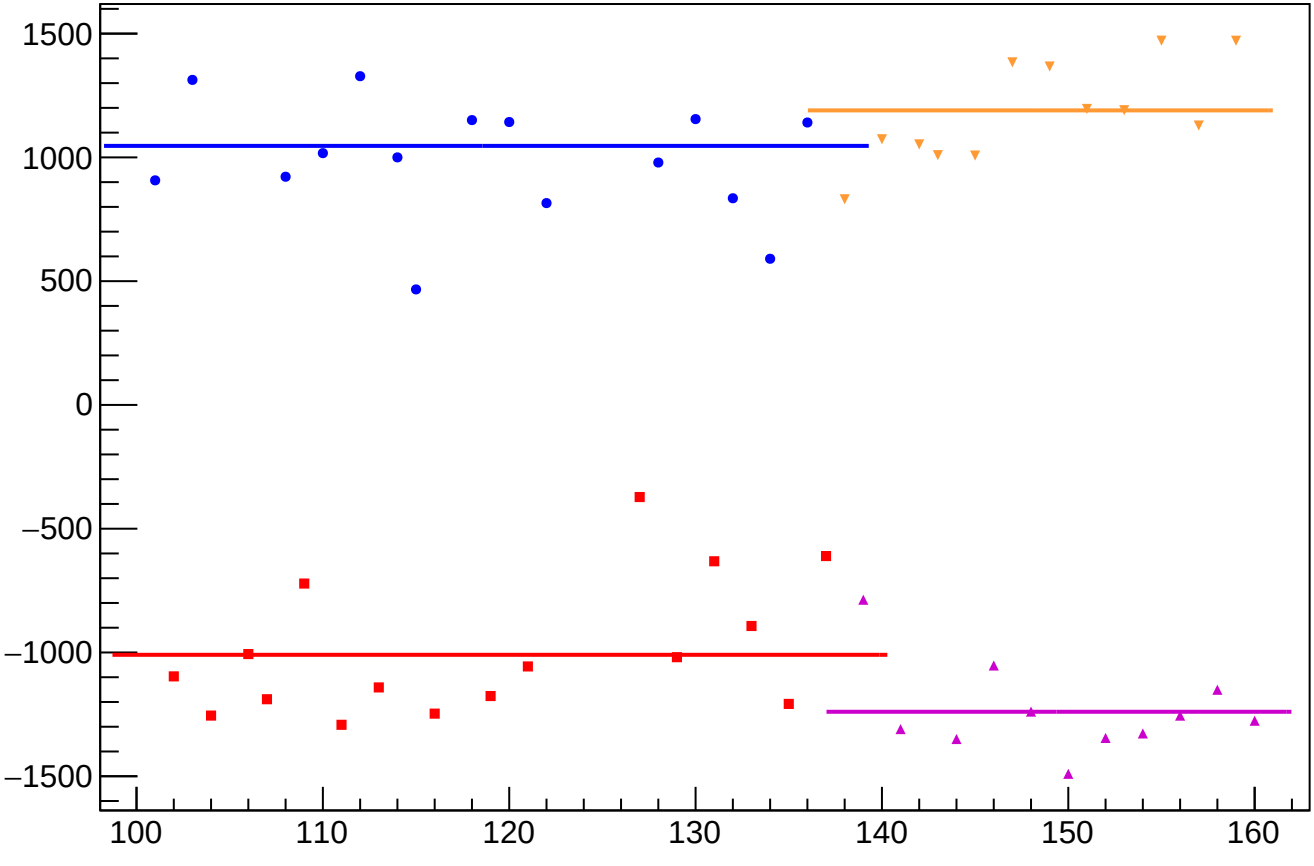
Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 210.989+/-0.000 χ^2/NDF:6279009475776800

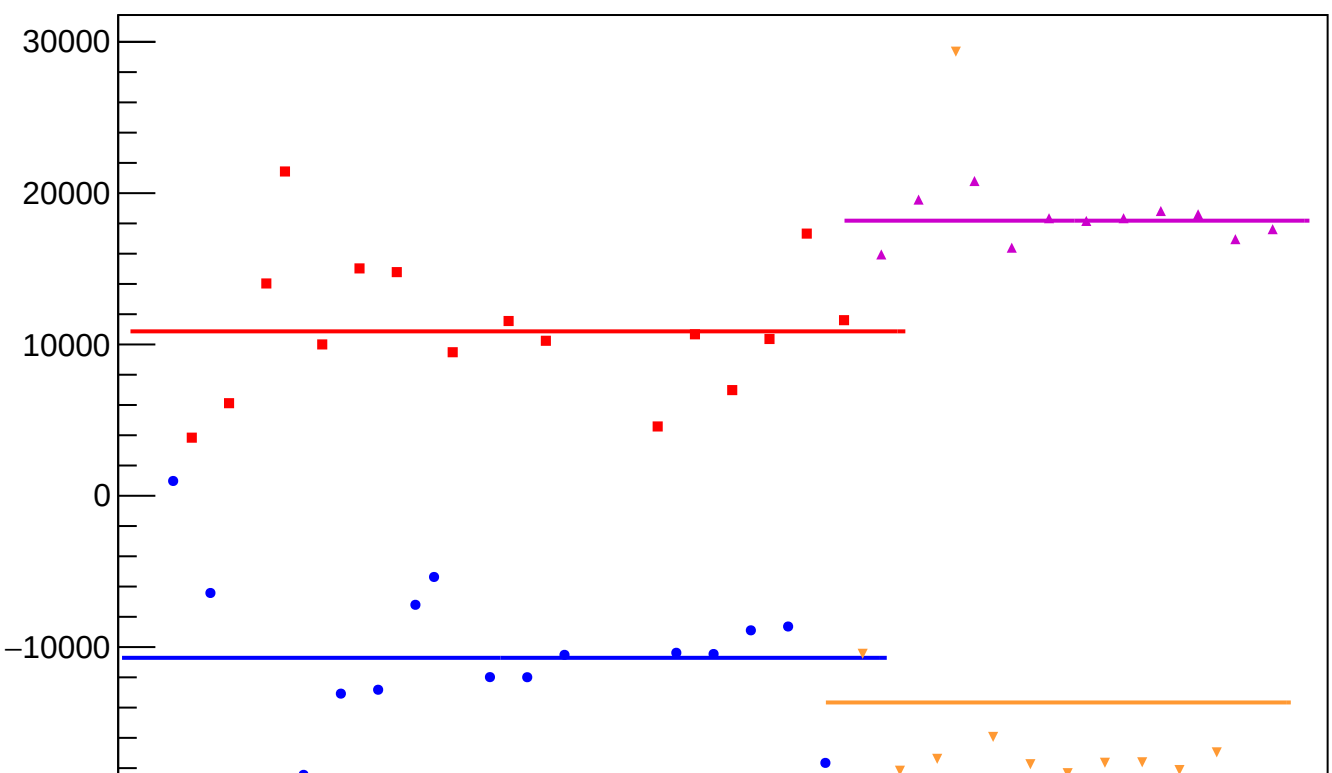
All: 8.592+/-0.000 χ^2/NDF: 1455071786509 6

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:194774148077866 7
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_atl1_coil1_mean vs Slug, Sign Corrected



Left: 2320.964+/-0.000 χ^2/NDF: 606291723973151

Right In: -10710.292+/-0.000 χ^2/NDF: 16945226152053511840482618402250170564608.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13660.650+/-0.000 χ^2/NDF:1379968999585116089211263214590379551621 12.0/11

In: 6261.113+/-0.000 χ^2/NDF:3368158572328033

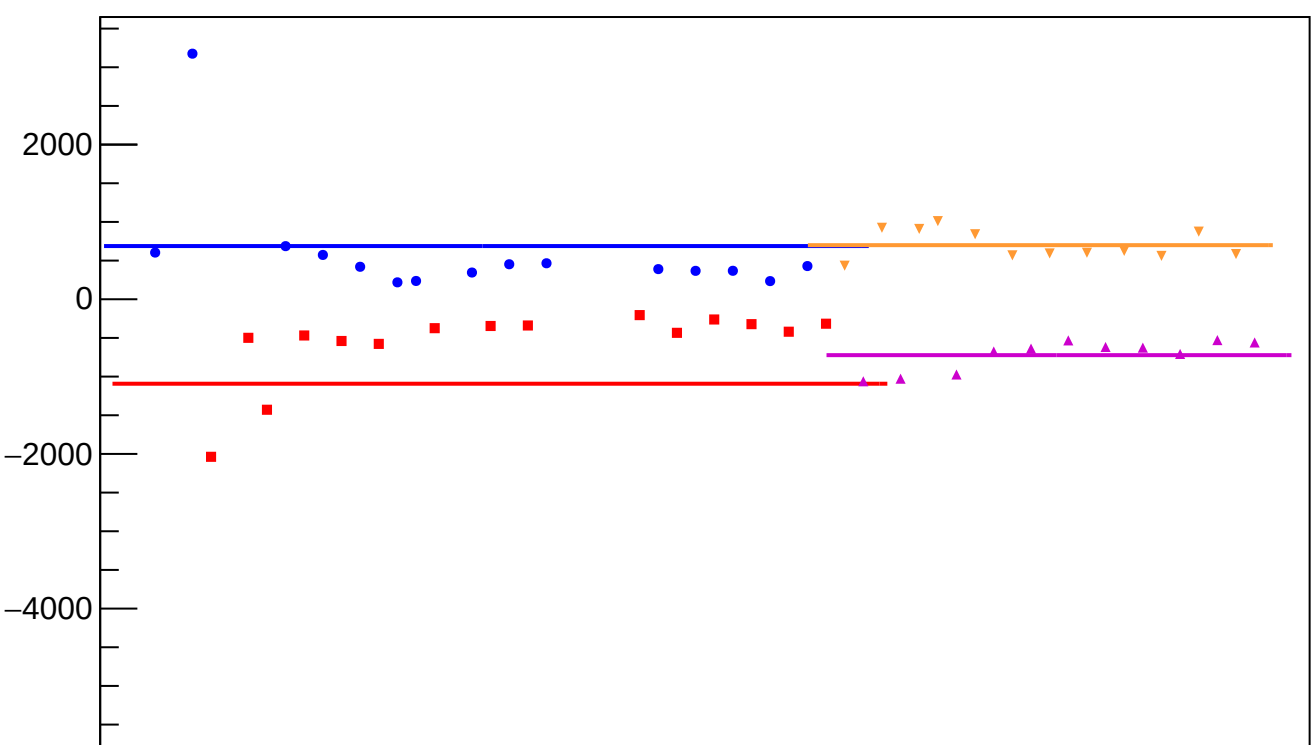
Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3332.713+/-0.000 χ^2/NDF:38451914020075

Left In: 18181.504+/-0.000 χ^2/NDF:16436171835726478688189142891628383436 80.0/10

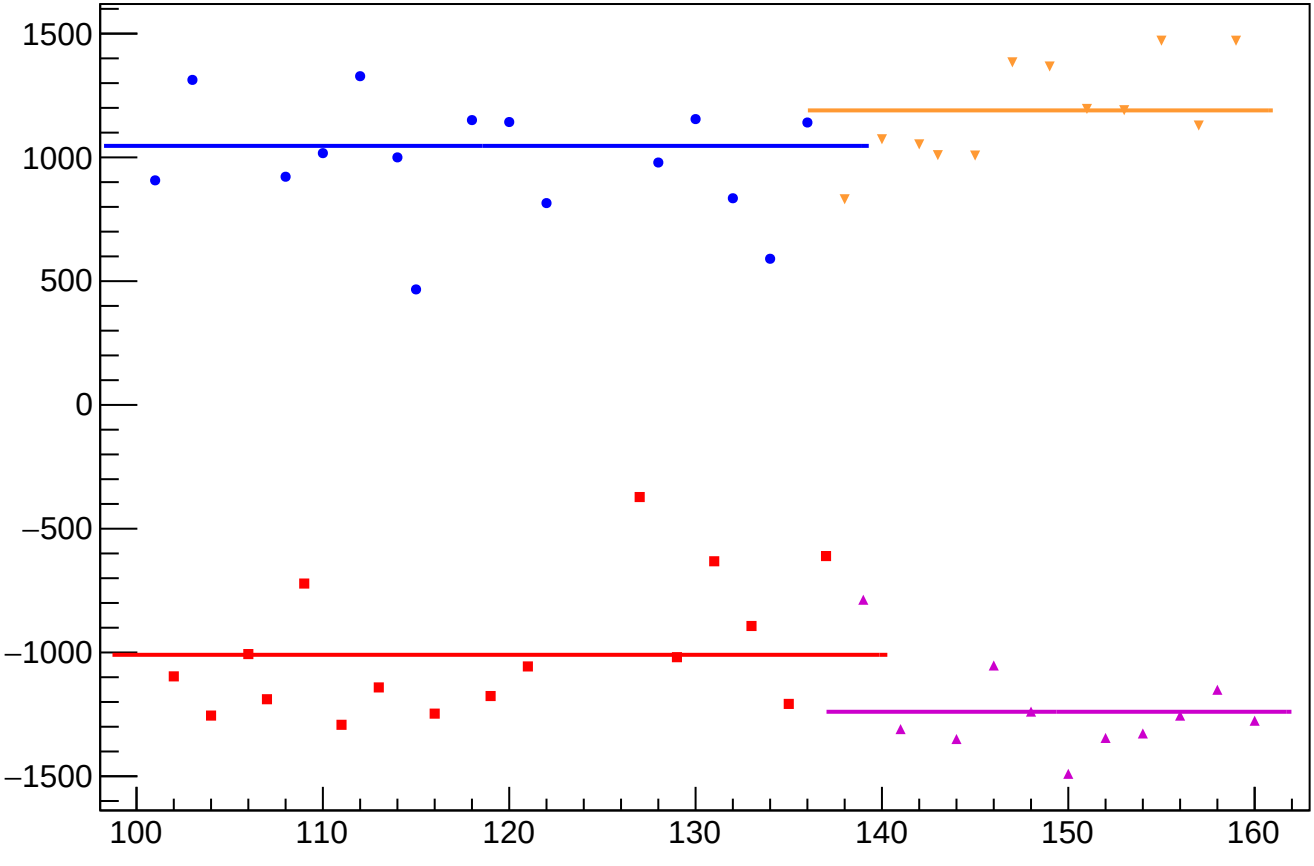
All: 1447.486+/-0.000 χ^2/NDF: 7939778643

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



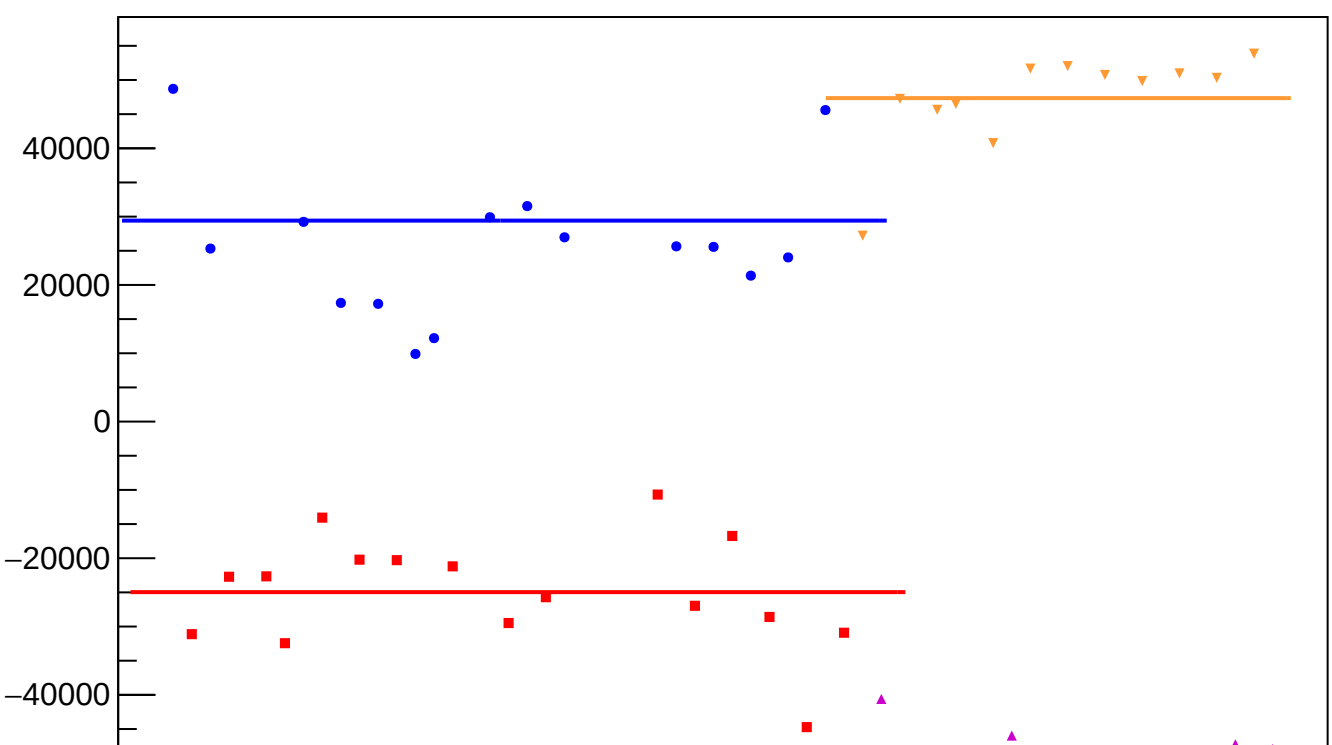
Left: -14.311+/-0.000 χ^2/NDF: 9929833026488595
Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14
Right: -214.338+/-0.000 χ^2/NDF: 33349422342847
Left Out: 699.529+/-0.000 χ^2/NDF:2828281313090390925608839626446444953 6.0/11
In: -140.714+/-0.000 χ^2/NDF:1201648470022181
Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15
Out: -54.970+/-0.000 χ^2/NDF:3151179743524573
Left In: -722.743+/-0.000 χ^2/NDF:3369313711651394807786033041053528883 2.0/10
All: -97.692+/-0.000 χ^2/NDF: 435863069477

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 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: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_atl2_coil1_mean vs Slug, Sign Corrected



Left: -1502.811+/-0.000 χ^2/NDF: 44184845267943

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47346.512+/-0.000 χ^2/NDF:4516187384513847129988968550714226769920 0.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

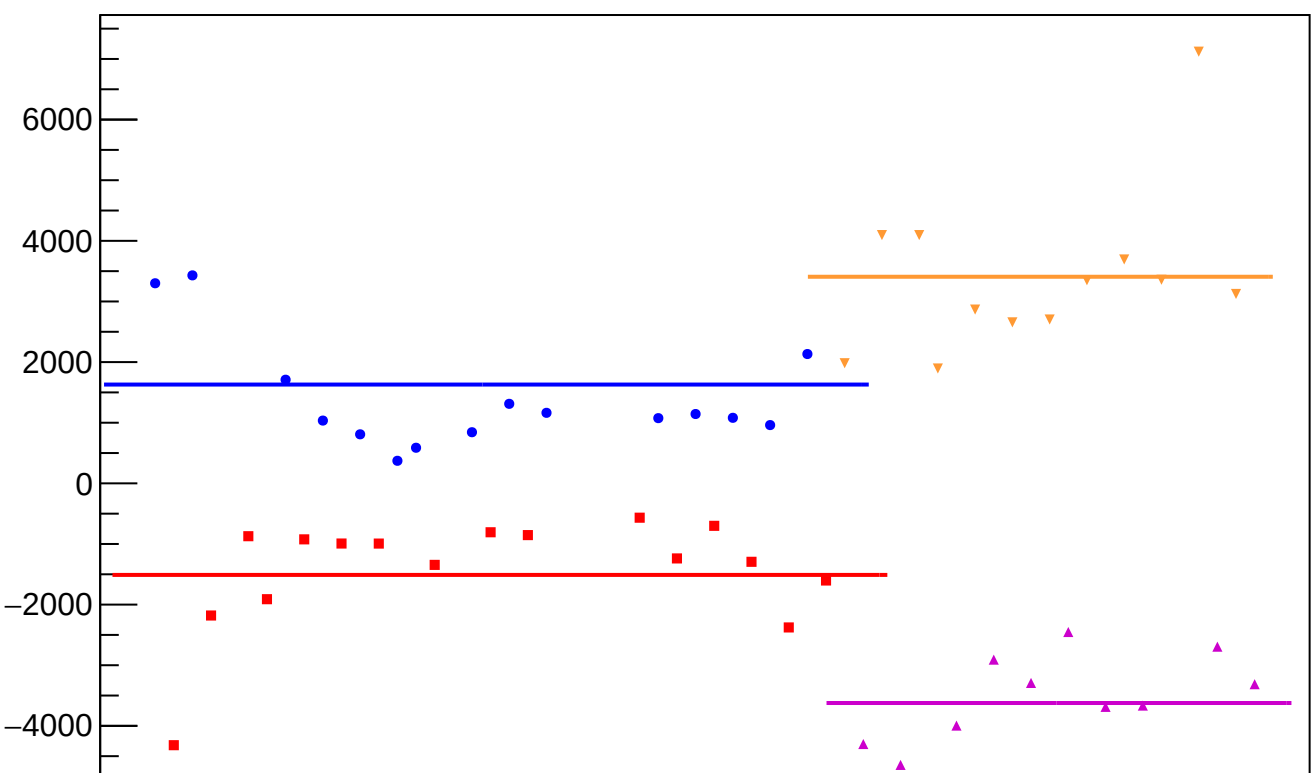
Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561420 8.0/15

Out: 16897.995+/-0.000 χ^2/NDF:2109768599730 3

Left In: -49982.063+/-0.000 χ^2/NDF:1350582101930560384612112134471797021081 6.0/10

All: -103.303+/-0.000 χ^2/NDF: 5517221367 2

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191 36.0/14

Left Out: 3407.741+/-0.000 χ^2/NDF:1584870057929033939797166763050451075072.0/11

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: -121.043+/-0.000 χ^2/NDF: 248736351703932

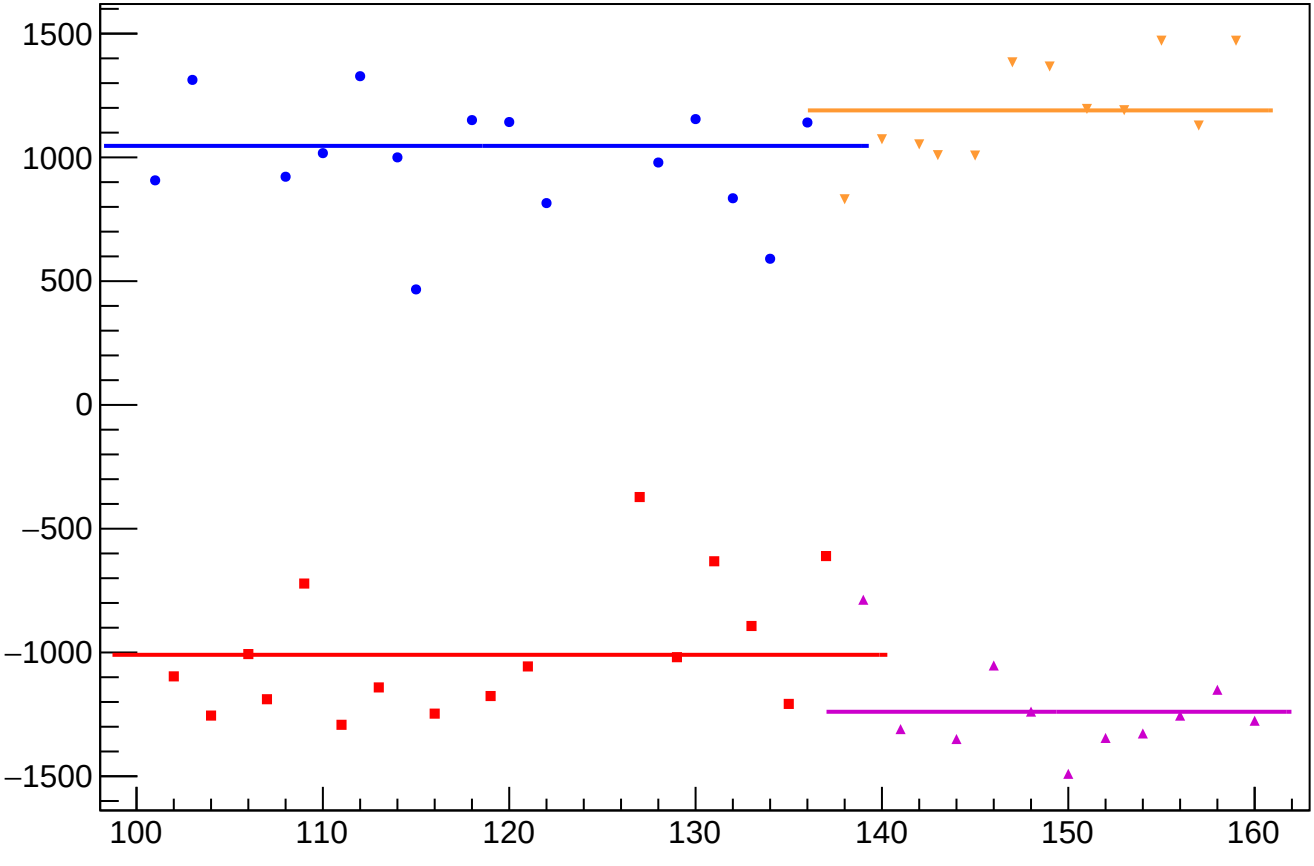
Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1336.827+/-0.000 χ^2/NDF:116125915857327

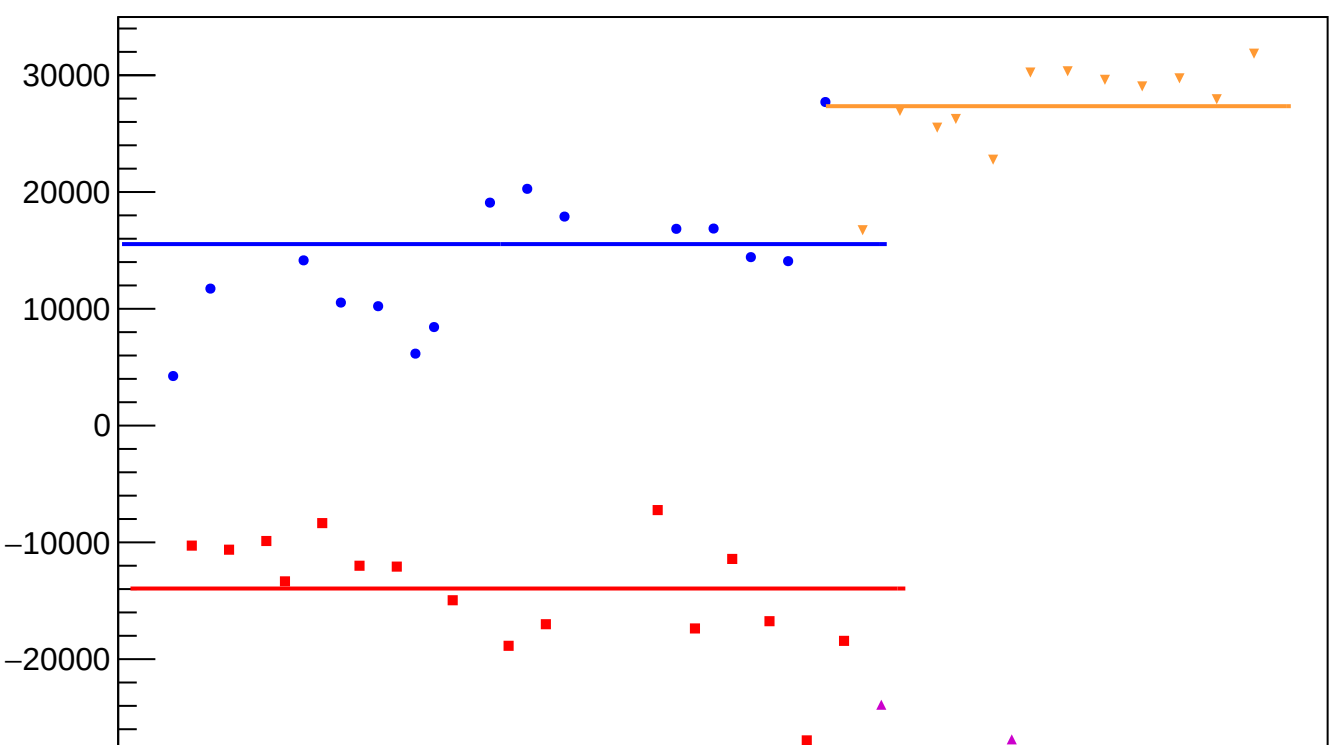
All: -54.683+/-0.000 χ^2/NDF: 293759152191

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



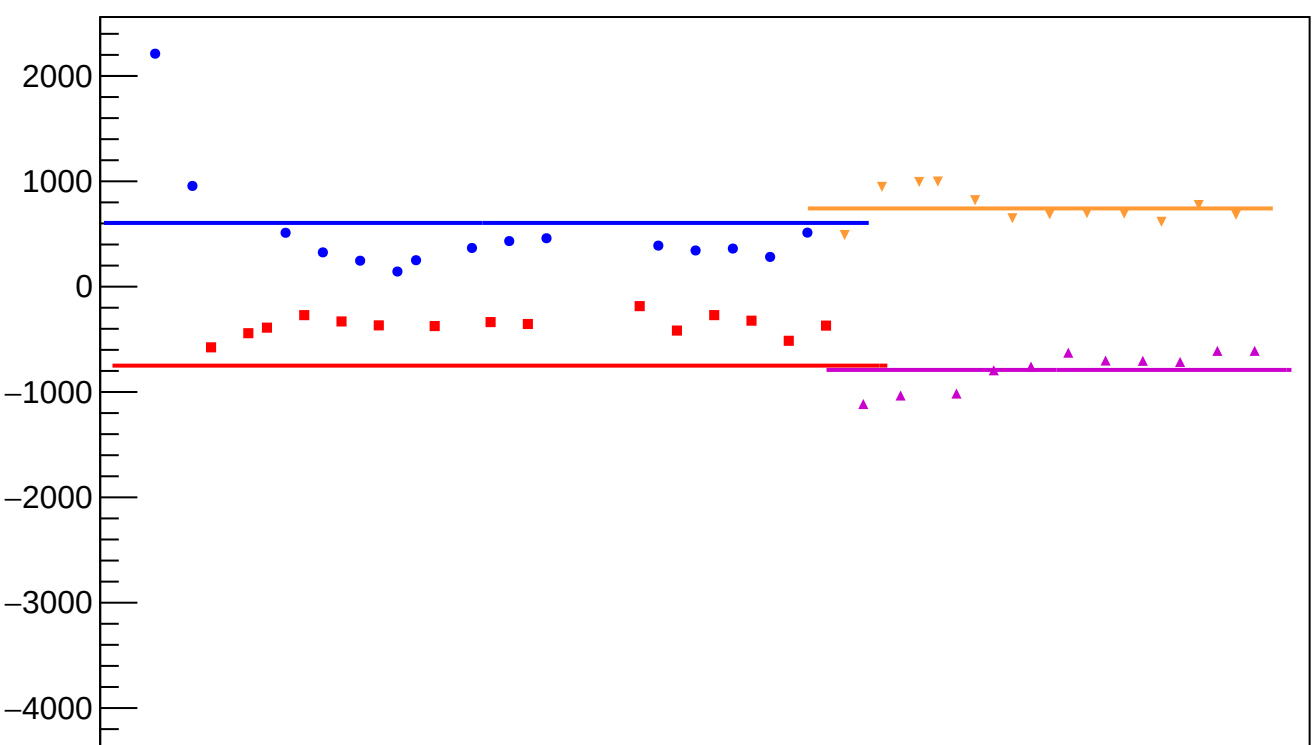
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_atr1_coil1_mean vs Slug, Sign Corrected



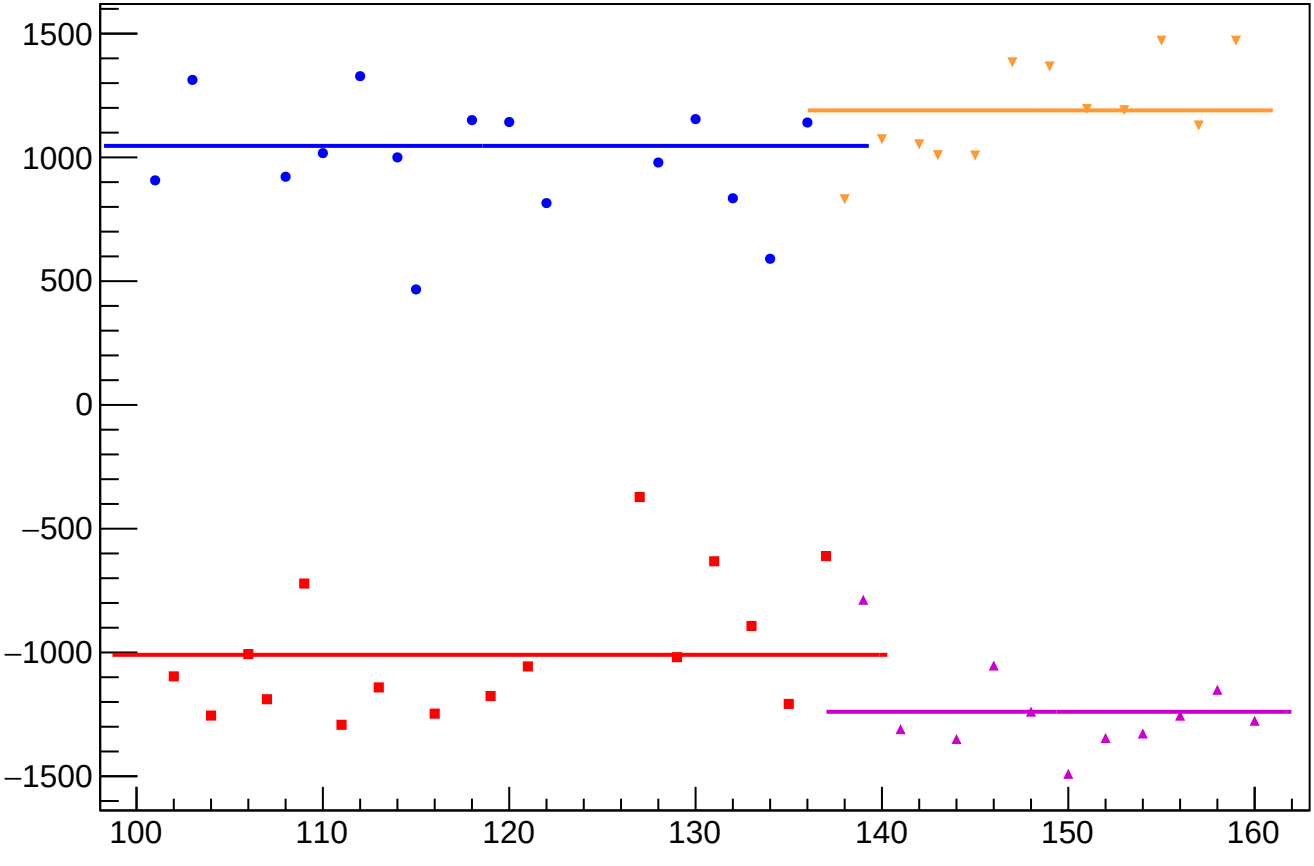
Left: -872.866+/-0.000 χ^2/NDF: 147393231652070
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27349.847+/-0.000 χ^2/NDF:1488345691738606226777617231939371008000 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9958.308+/-0.000 χ^2/NDF:690517876492303
Left In: -28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10
All: -261.903+/-0.000 χ^2/NDF: 18060333909

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



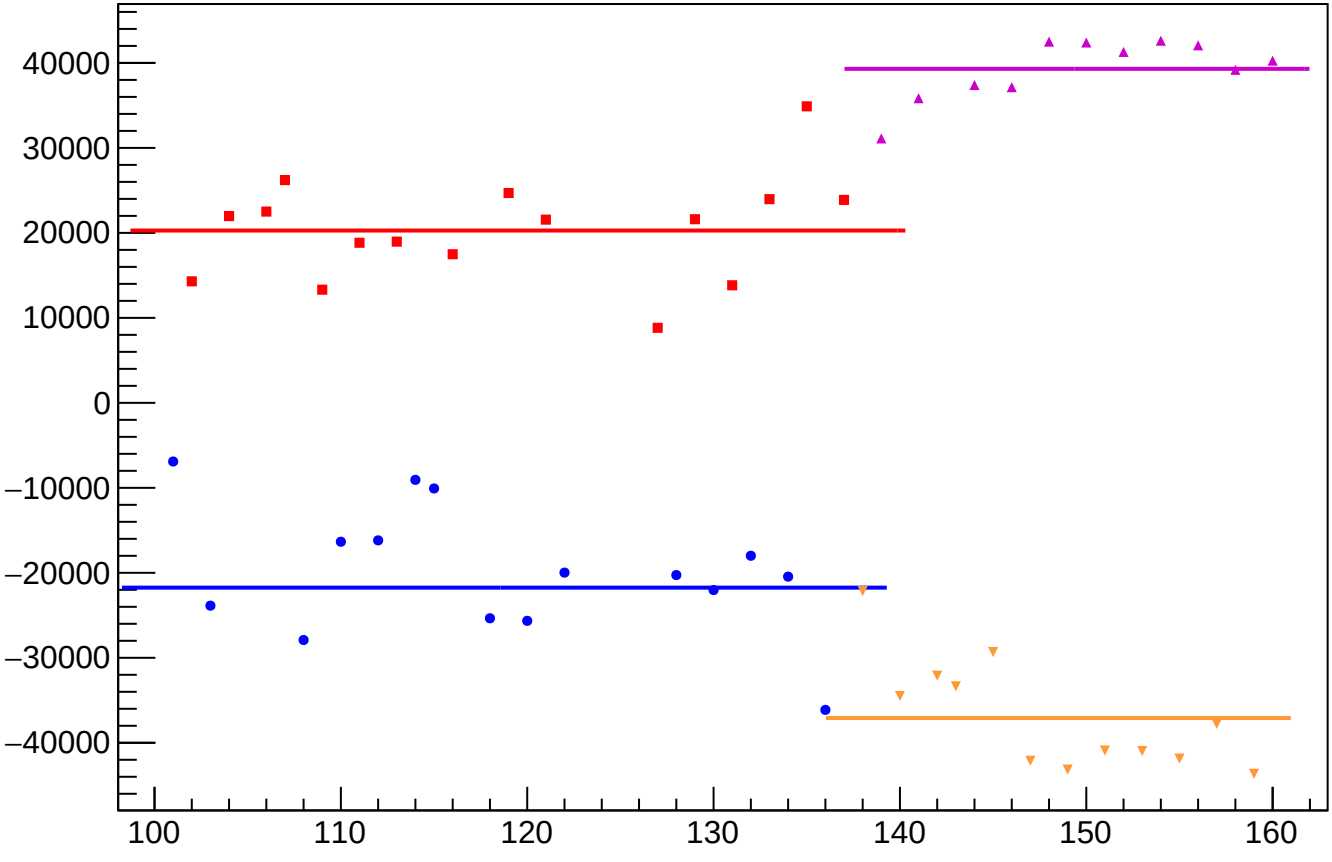
Left: -26.782+/-0.000 χ^2/NDF: 1127883127865670
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 742.547+/-0.000 χ^2/NDF:191330728406604744374850497810530304 00.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 4
Right Out: -749.582+/-0.000 χ^2/NDF: 102135876837749593569374877980434418 8928.0/15
Out: 114.233+/-0.000 χ^2/NDF:190020407285658 4
Left In: -790.283+/-0.000 χ^2/NDF:273759951630115601013491669494378004 48.0/10
All: -49.607+/-0.000 χ^2/NDF: 294454152400

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 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: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_atr2_coil1_mean vs Slug, Sign Corrected



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Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14

Right: -446.610+/-0.000 χ^2/NDF: 64780902874572

Left Out: -37089.024+/-0.000 χ^2/NDF:37696615174692315635920208068597564571648.0/11

In: 14114.985+/-0.000 χ^2/NDF:147263048816292

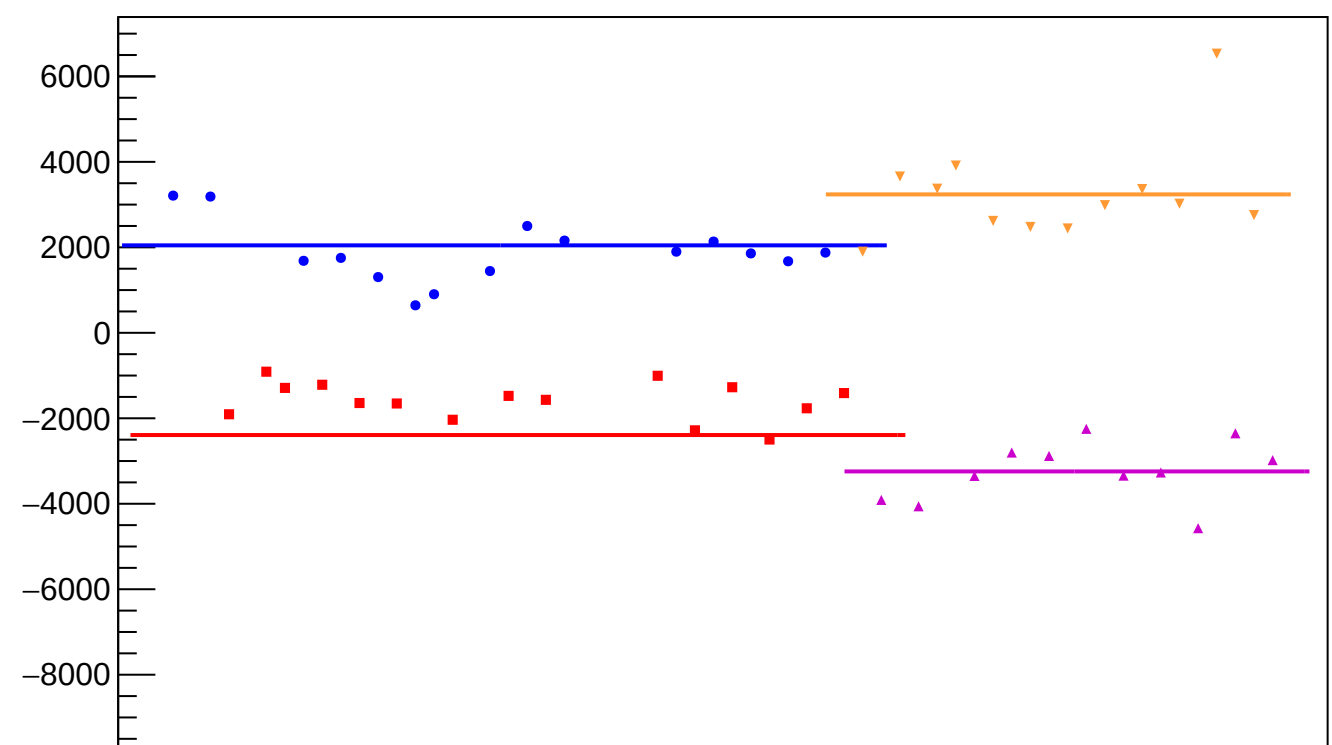
Right Out: 20275.415+/-0.000 χ^2/NDF: 2593586913209292023168153241762732074598 4.0/15

Out: -12933.670+/-0.000 χ^2/NDF:1334281188451

Left In: 39301.203+/-0.000 χ^2/NDF:1089055719582848065585087315611645221273 6.0/10

All: 543.534+/-0.000 χ^2/NDF: 33843434379 2

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Left: -14.721+/-0.000 χ^2/NDF: 2096239357202295

Right In: 2046.354+/-0.000 χ^2/NDF: 266555515927348892036833058355226345472.0/14

Right: -203.146+/-0.000 χ^2/NDF: 11161426338405

Left Out: 3238.684+/-0.000 χ^2/NDF:120093539003484706140361062185464915558 4.0/11

In: -1060.961+/-0.000 χ^2/NDF:113570353346731

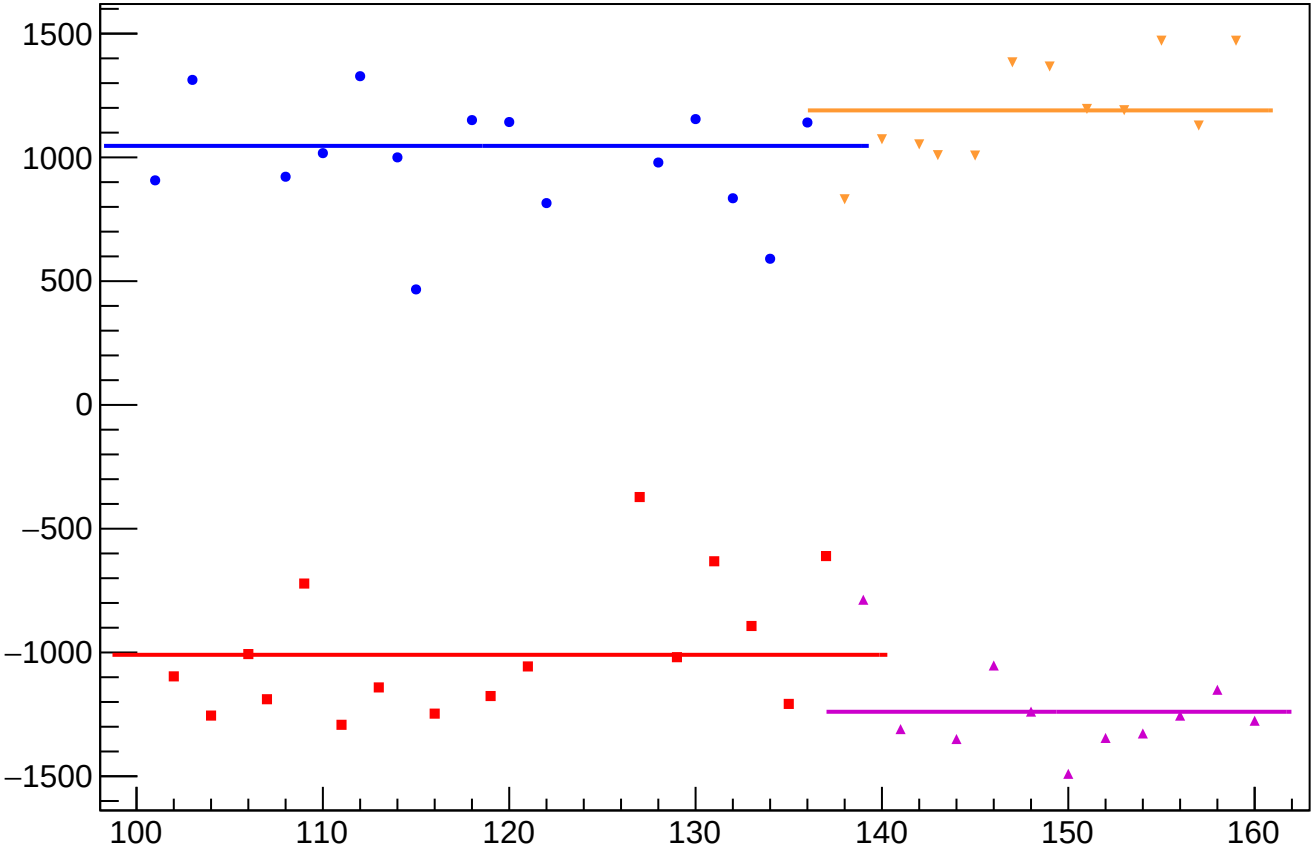
Right Out: -2391.939+/-0.000 χ^2/NDF: 441529496478977881525935754457949981 9008.0/15

Out: 867.708+/-0.000 χ^2/NDF:178582435378590 7

Left In: -3243.479+/-0.000 χ^2/NDF:422752345809564414875941115453230809088.0/10

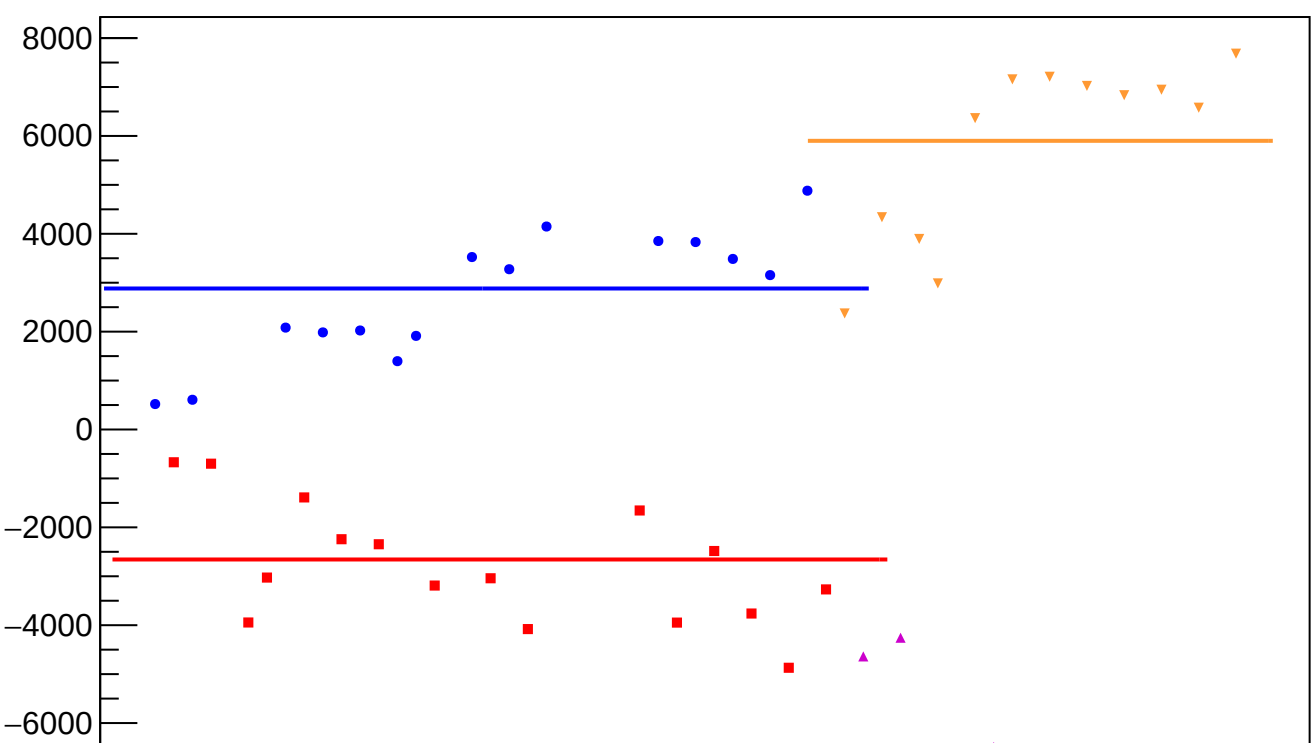
All: -93.266+/-0.000 χ^2/NDF: 321510662885

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam1_coil1_mean vs Slug, Sign Corrected



Left: -337.897+/-0.000 χ^2/NDF: 747947323743594

Right In: 2881.935+/-0.000 χ^2/NDF: 13203193914965255336920823658788348231 68.0/14

Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623

Left Out: 5900.145+/-0.000 χ^2/NDF:2757689906494435175416115853599080185856.0/11

In: -2645.979+/-0.000 χ^2/NDF:360226231142325

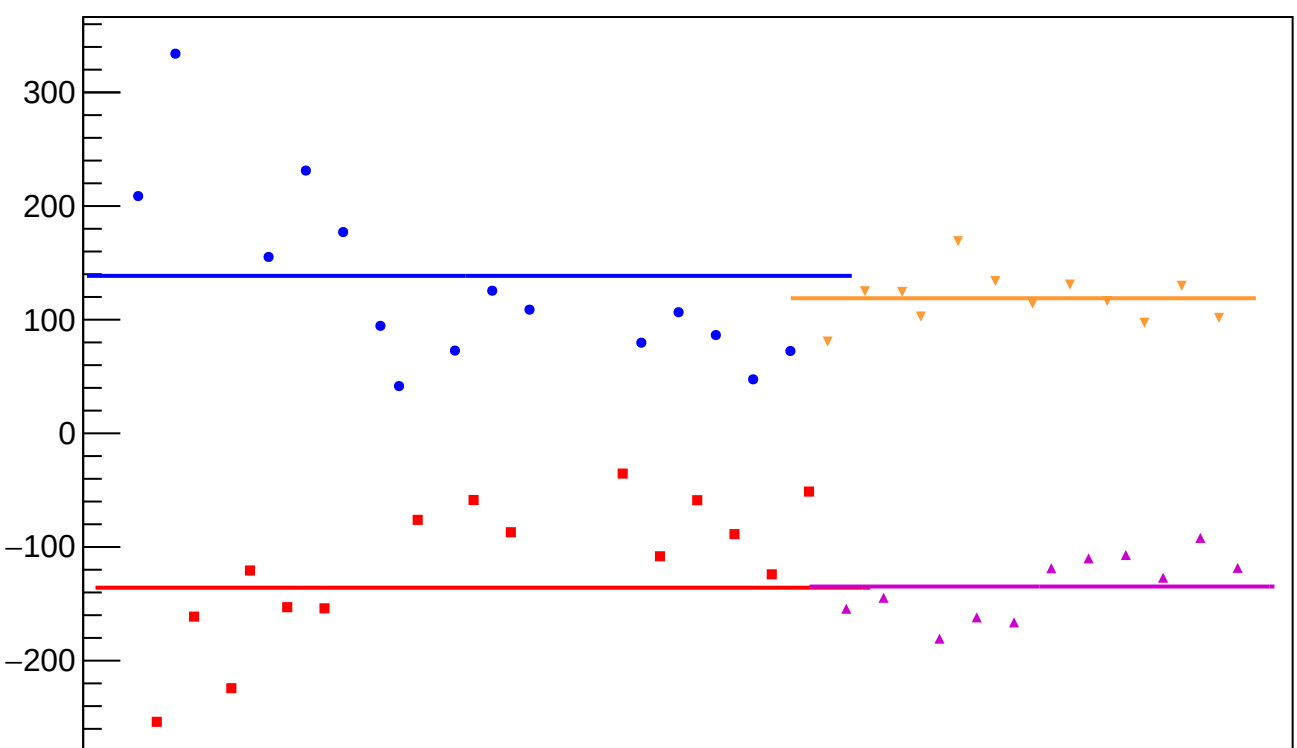
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15

Out: 2296.887+/-0.000 χ^2/NDF:321095308179626

Left In: -6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10

All: -165.935+/-0.000 χ^2/NDF: 87414816042

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Left: -8.429+/-0.000 χ^2/NDF: 30748748835801659

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 118.892+/-0.000 χ^2/NDF:4413313406022383777987486660878668368.0/11

In: -21.999+/-0.000 χ^2/NDF:3342043565586624

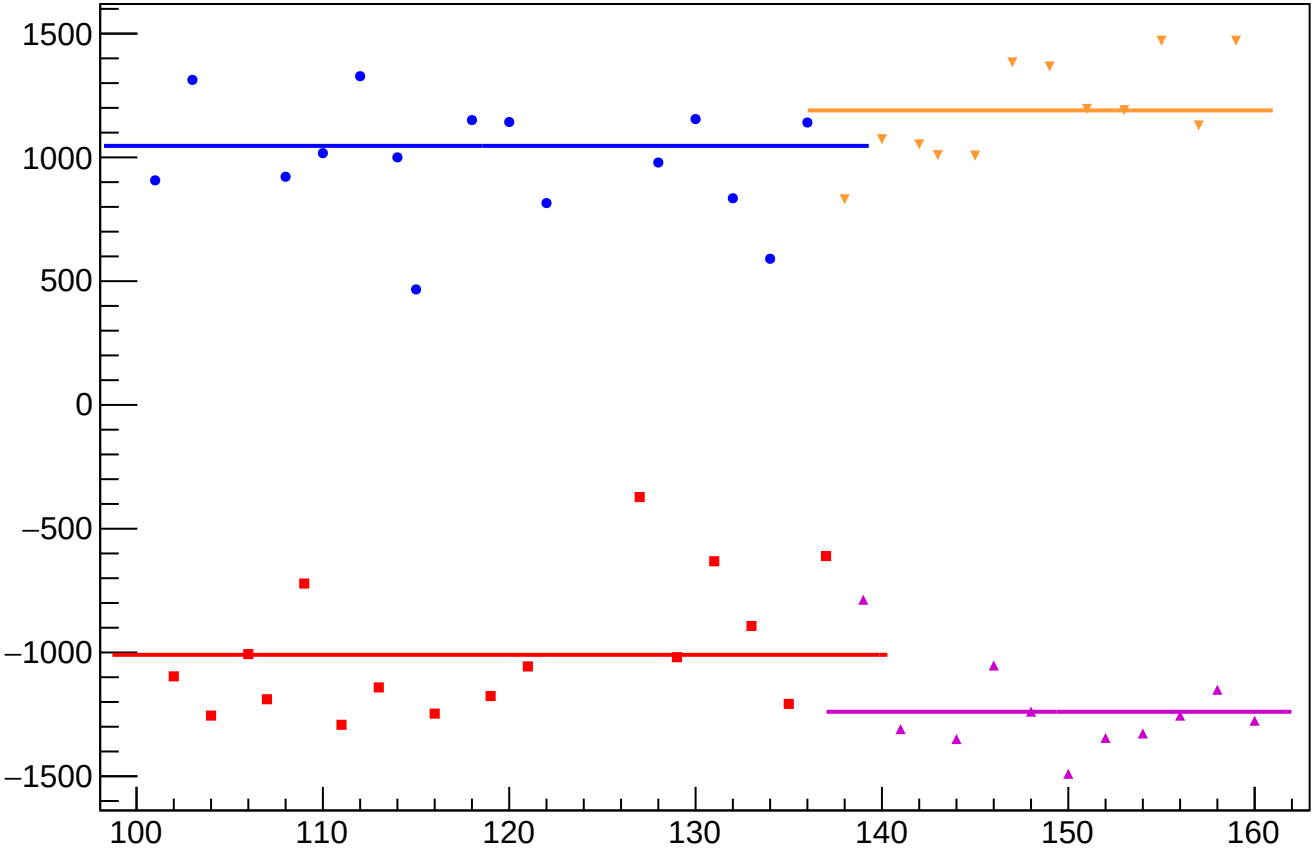
Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.641+/-0.000 χ^2/NDF:2944724403626758

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

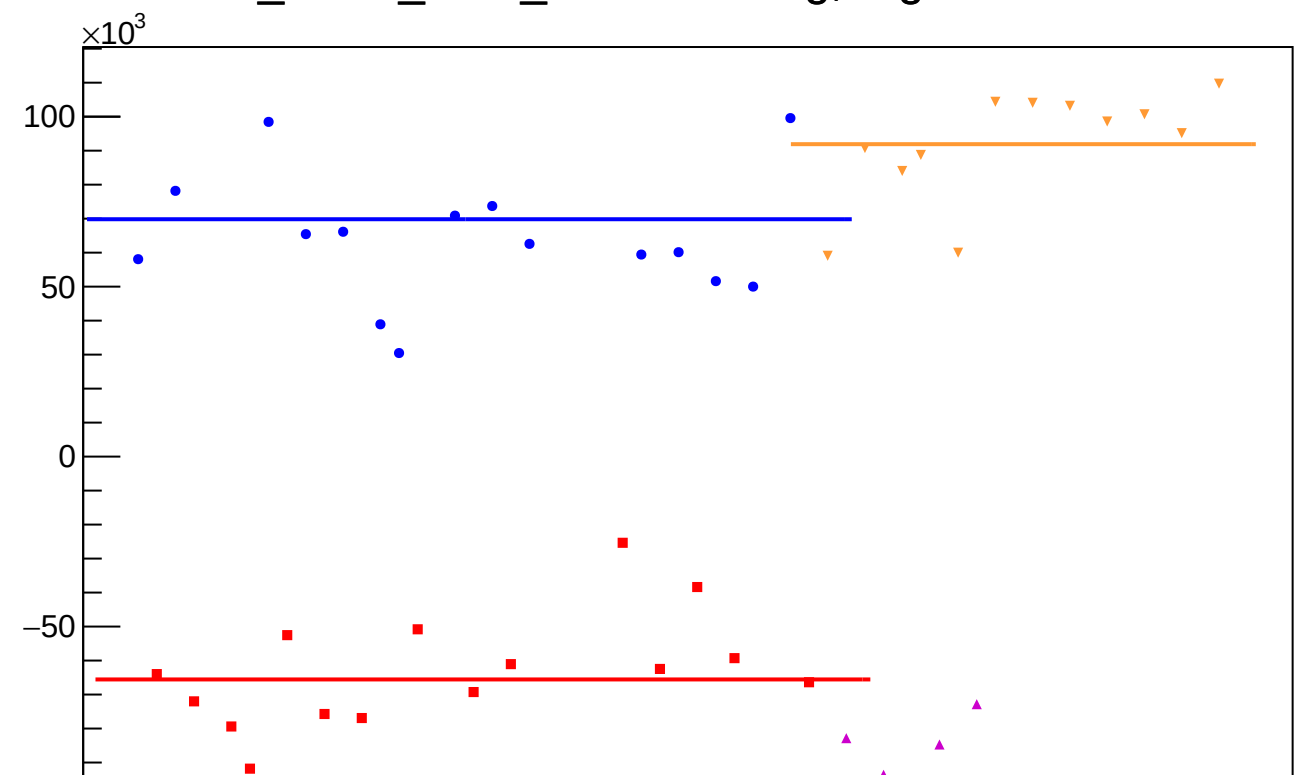
All: -5.121+/-0.000 χ^2/NDF: 6376084521741

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam2_coil1_mean vs Slug, Sign Corrected



Left: -2276.957+/-0.000 χ^2/NDF: 16550956478626

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 91909.028+/-0.000 χ^2/NDF:240792875976910962309751824422513810604032.0/11

In: -27434.339+/-0.000 χ^2/NDF:10741931116501

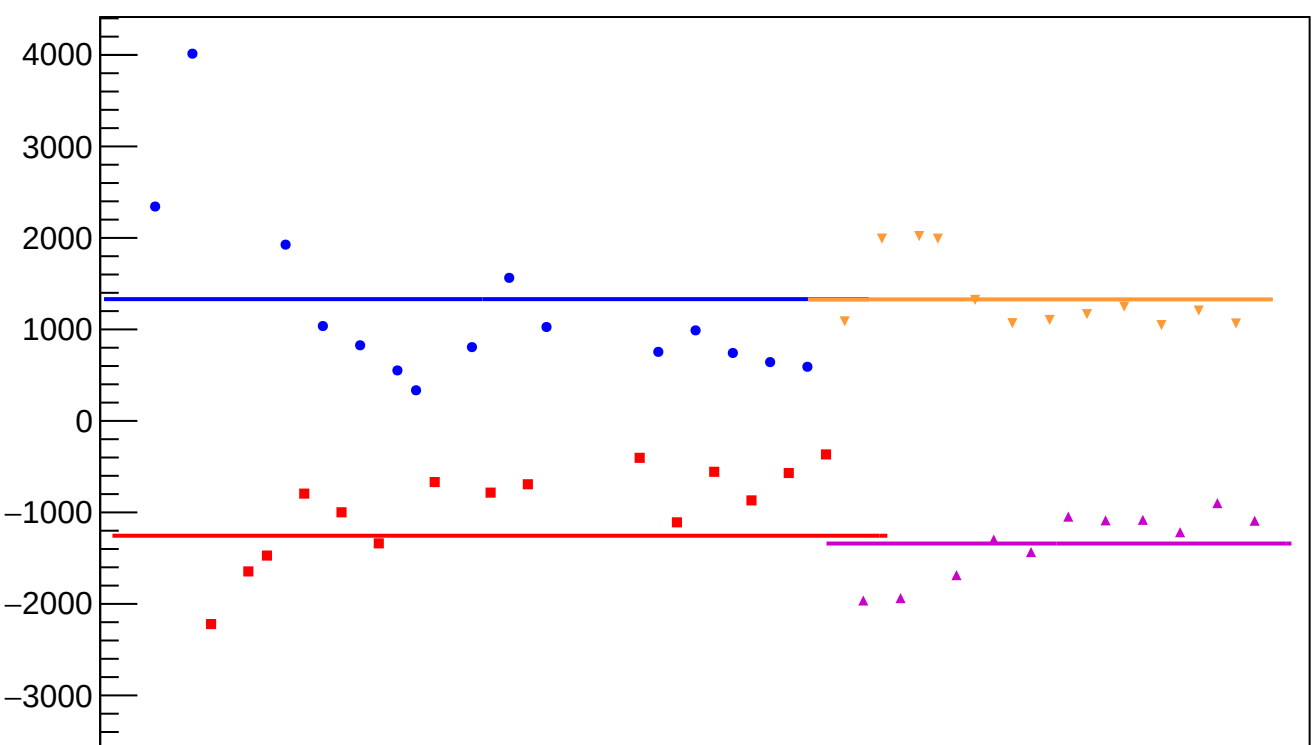
Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25603.090+/-0.000 χ^2/NDF:10027016853732

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

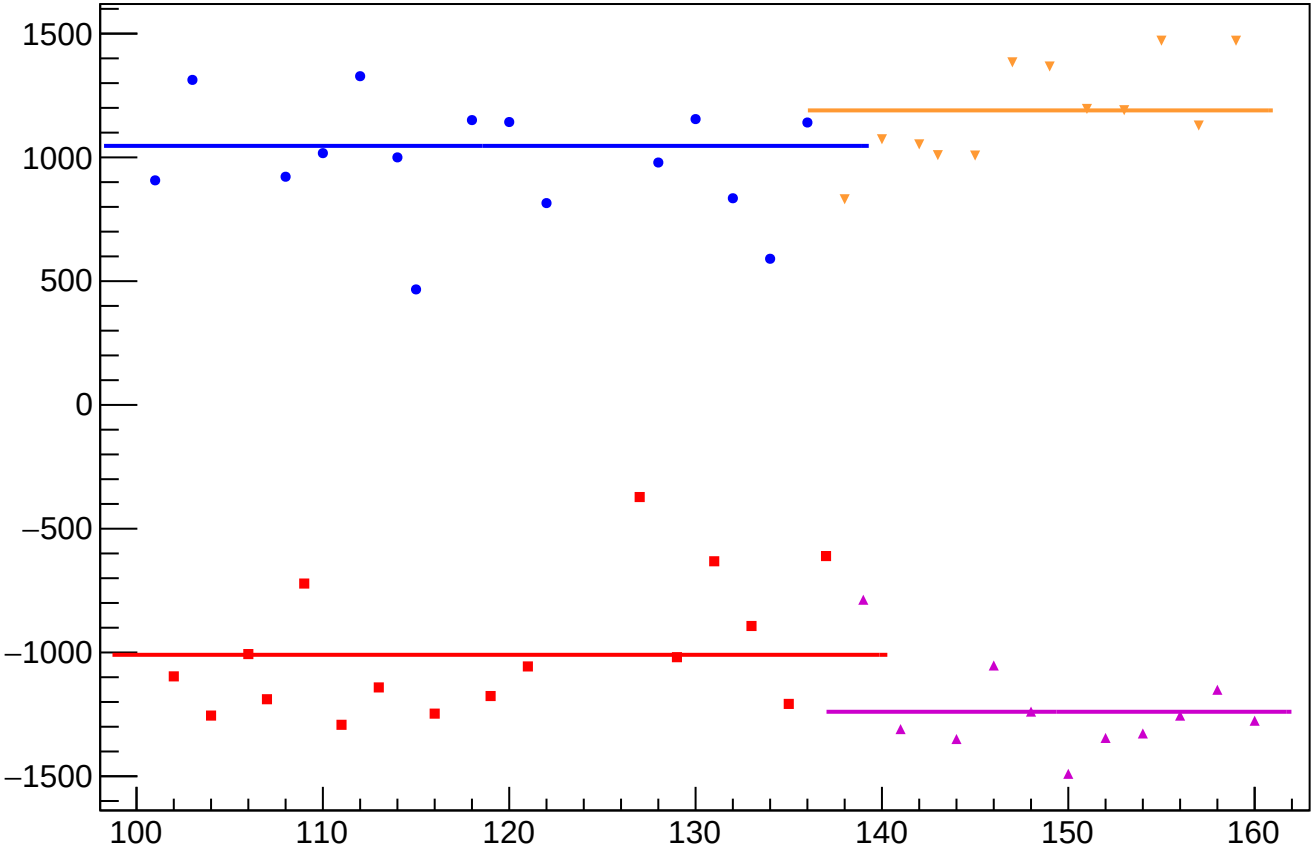
All: -823.225+/-0.000 χ^2/NDF: 22989056744

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



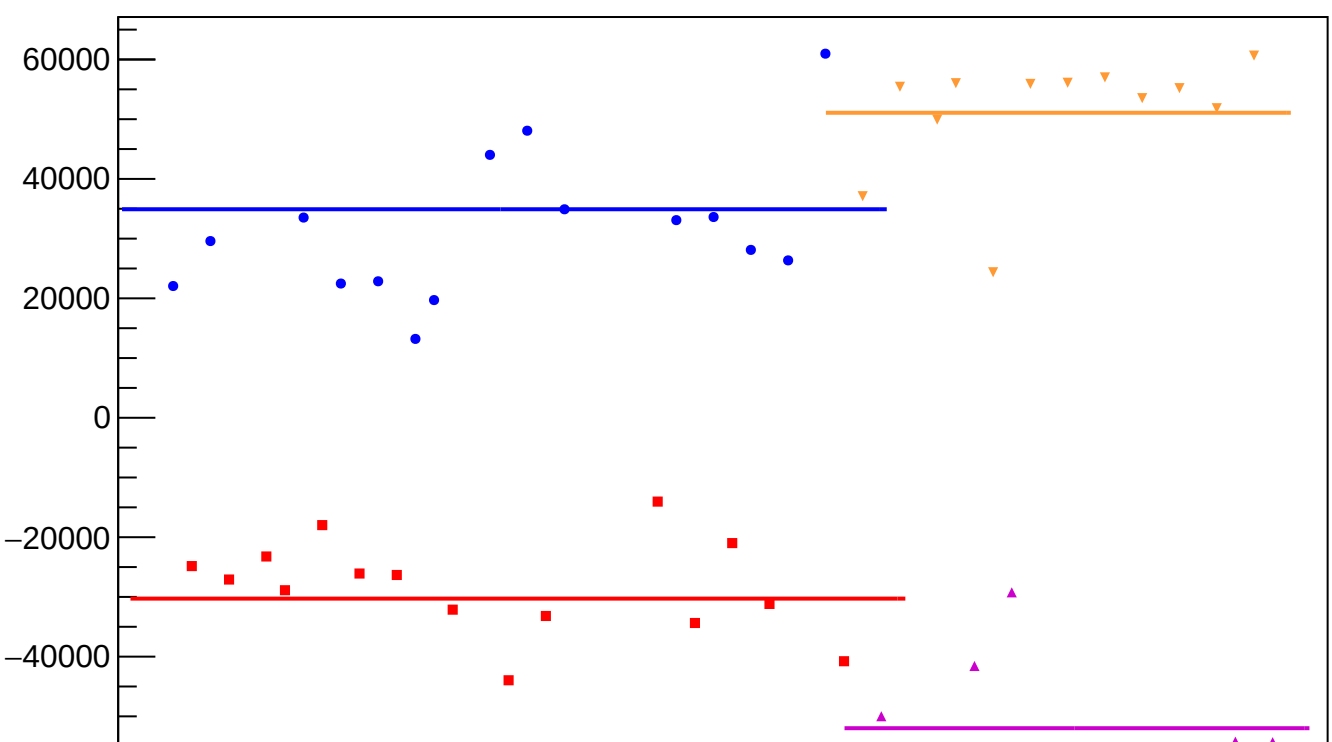
Left: -11.011+/-0.000 χ^2/NDF: 3508881544765835
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1328.309+/-0.000 χ^2/NDF:1173462879673869583038597951016235171 84.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: 240.569+/-0.000 χ^2/NDF:3326101384624055
Left In: -1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777093 12.0/10
All: 2.065+/-0.000 χ^2/NDF: 6990705969475 3

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 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: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam3_coil1_mean vs Slug, Sign Corrected



Left: -649.170+/-0.000 χ^2/NDF: 504816282334630

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 51078.913+/-0.000 χ^2/NDF:921715661836320083674903995531020268994 56.0/11

In: -16129.428+/-0.000 χ^2/NDF:30528033173327

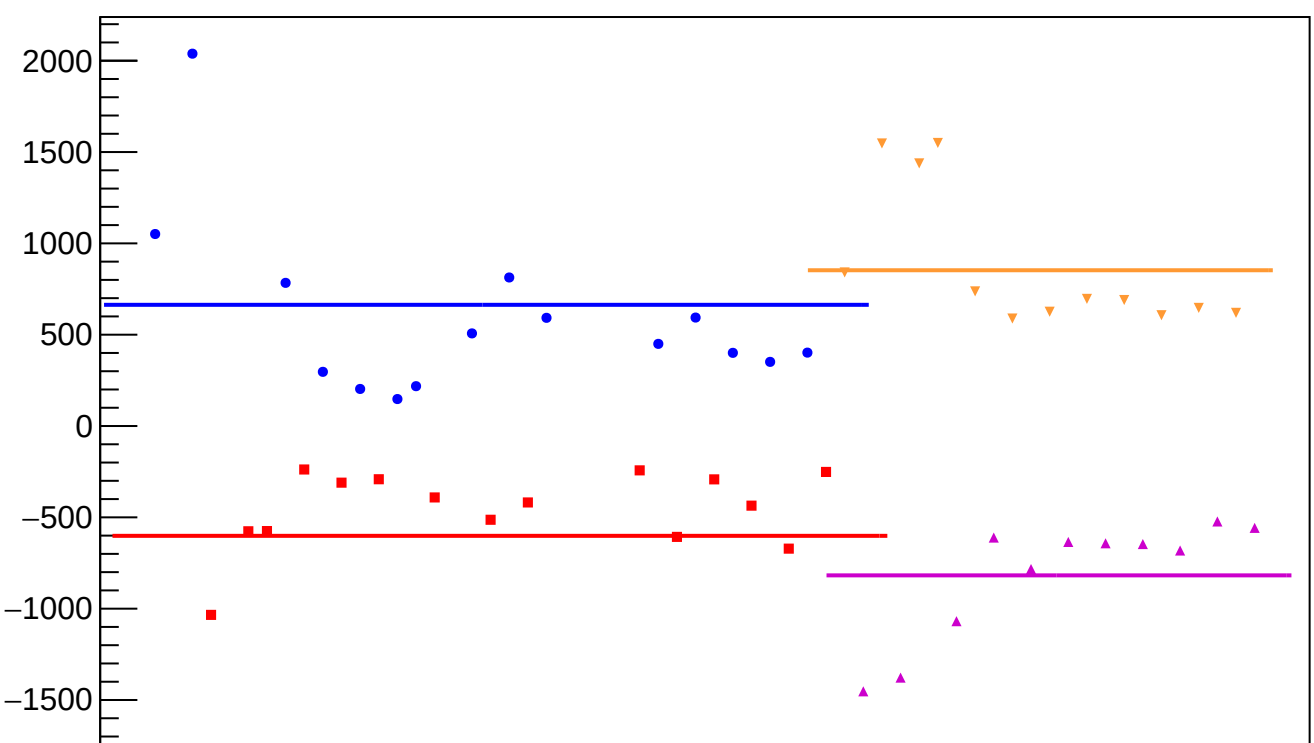
Right Out: -30282.373+/-0.000 χ^2/NDF: 883461652665931266275989516935060730675 20.0/15

Out: 16818.826+/-0.000 χ^2/NDF:27366045807706

Left In: -51985.374+/-0.000 χ^2/NDF:671725875795188633795041321162946767749 12.0/10

All: 402.100+/-0.000 χ^2/NDF: 664619739497

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 663.574+/-0.000 χ^2/NDF: 157691812872720822886914966597312446464.0/14

Left Out: 852.828+/-0.000 χ^2/NDF:115391521173207267272974066416613326848.0/11

Right Out: -601.216+/-0.000 χ^2/NDF: 149717884331889332339995334350831878144.0/15

Left In: -817.657+/-0.000 χ^2/NDF:904295487237156633268052990768111943 68.0/10

Left: 14.410+/-0.000 χ^2/NDF: 1490138591504009

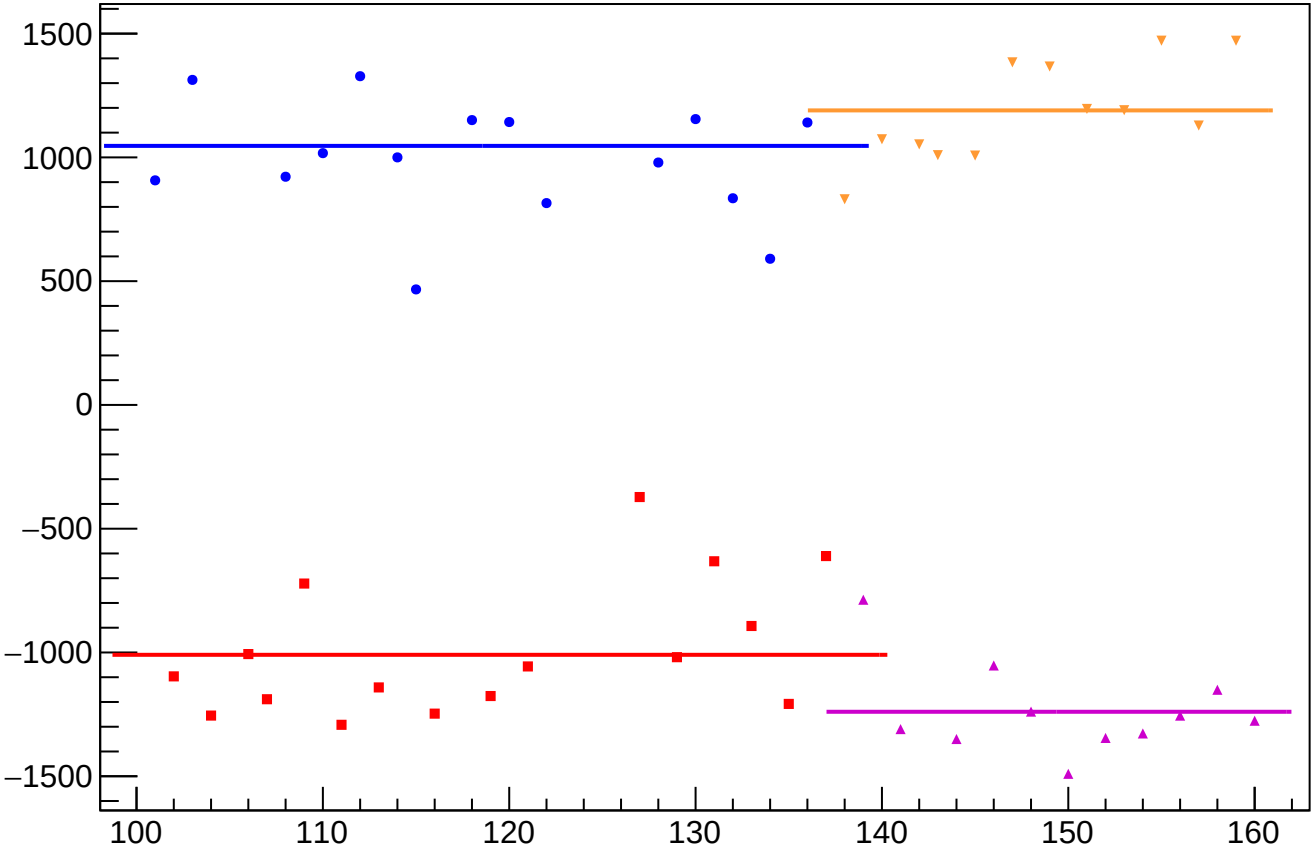
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641

In: -206.520+/-0.000 χ^2/NDF:1084558135298016

Out: 240.550+/-0.000 χ^2/NDF:1081494290409820

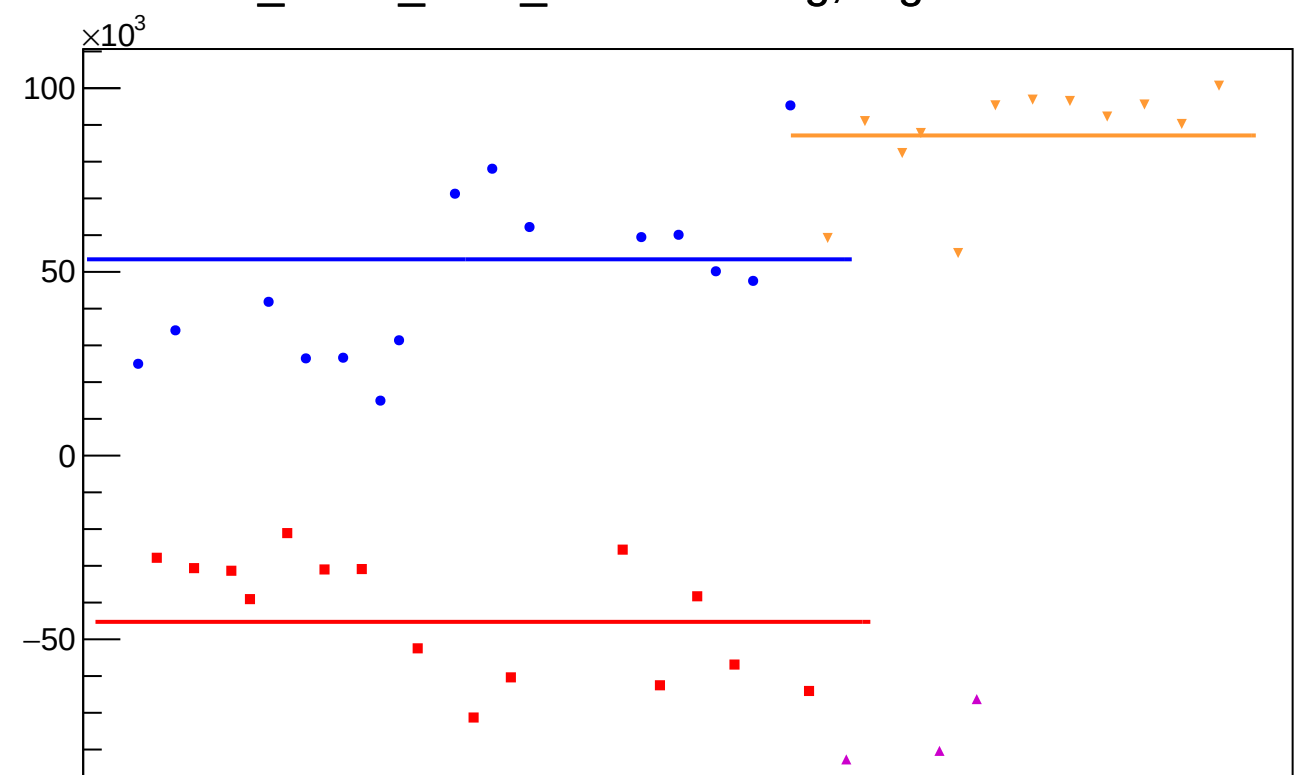
All: 17.794+/-0.000 χ^2/NDF: 2323799322021

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:194774148077866 7
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam4_coil1_mean vs Slug, Sign Corrected



Left: -2056.751+/-0.000 χ^2/NDF: 14814793512986

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777734655180 8.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 87135.960+/-0.000 χ^2/NDF:18939174134429072141323309877501894433177 6.0/11

In: -31162.736+/-0.000 χ^2/NDF:83559951874998

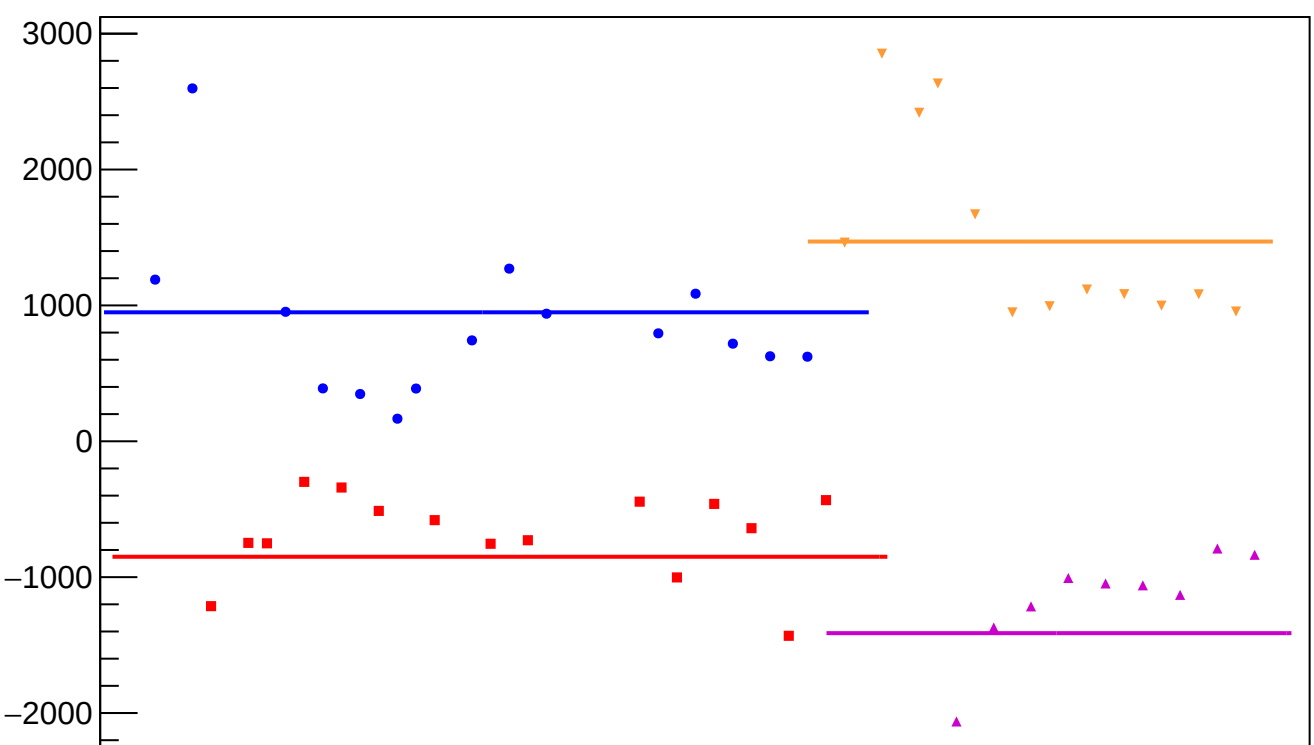
Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405554792857 6.0/15

Out: 31391.108+/-0.000 χ^2/NDF:72426395712249

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

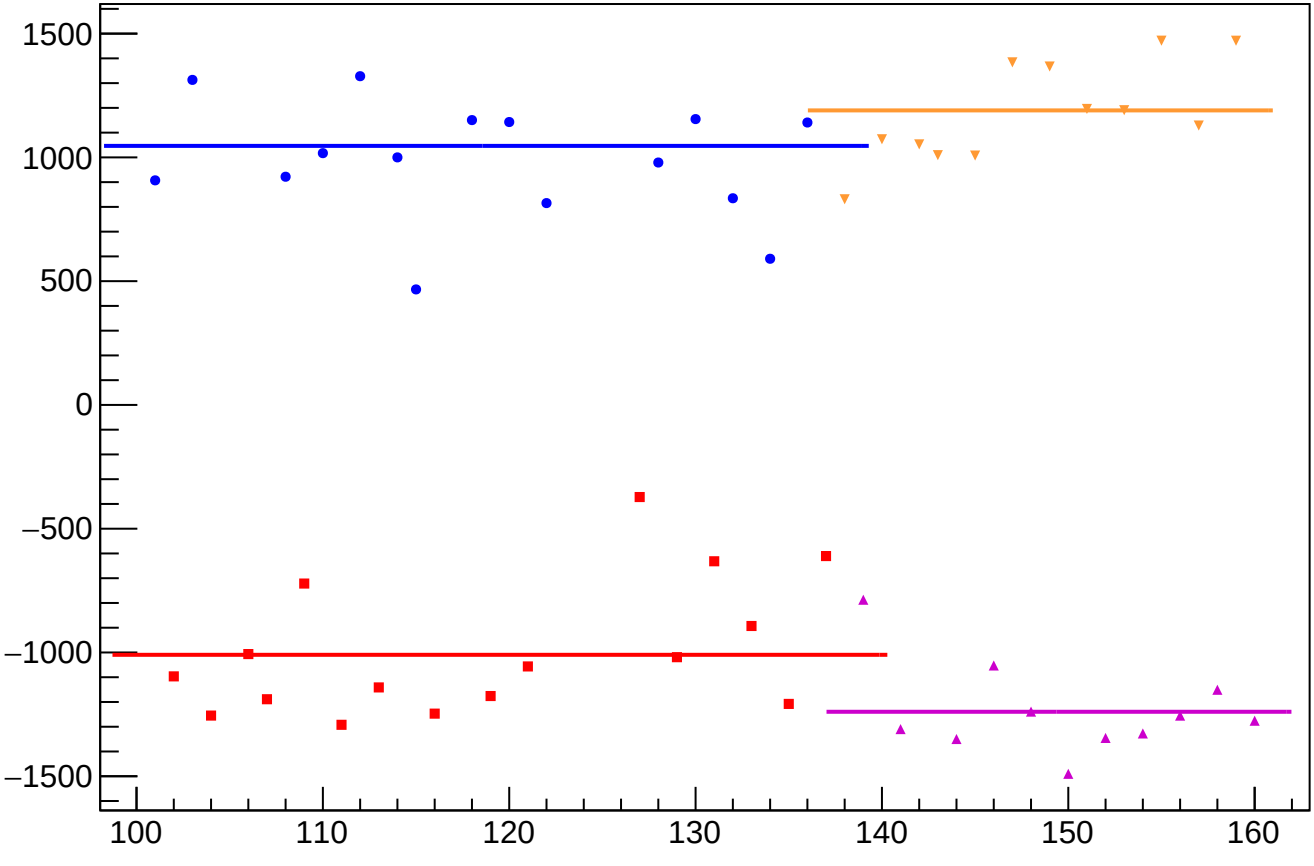
All: 223.165+/-0.000 χ^2/NDF: 18686919399 5

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



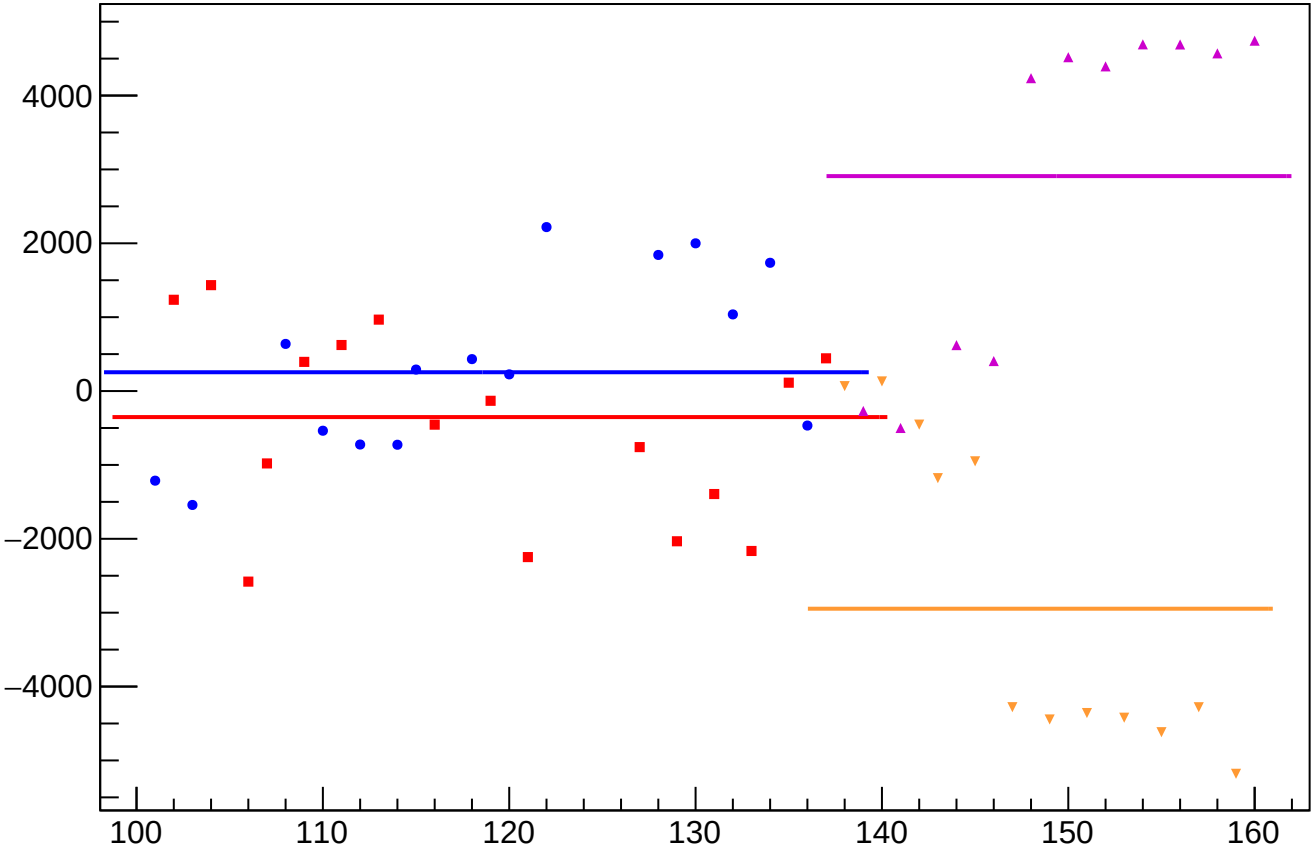
Left: 23.512+/-0.000 χ^2/NDF: 4561811630701110
Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14
Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426
Left Out: 1470.170+/-0.000 χ^2/NDF:4055903751566501722805072119613337108 48.0/11
In: -437.909+/-0.000 χ^2/NDF:2684013086565036
Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15
Out: 493.252+/-0.000 χ^2/NDF:2688543806154343
Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10
All: 29.294+/-0.000 χ^2/NDF: 605687718608

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



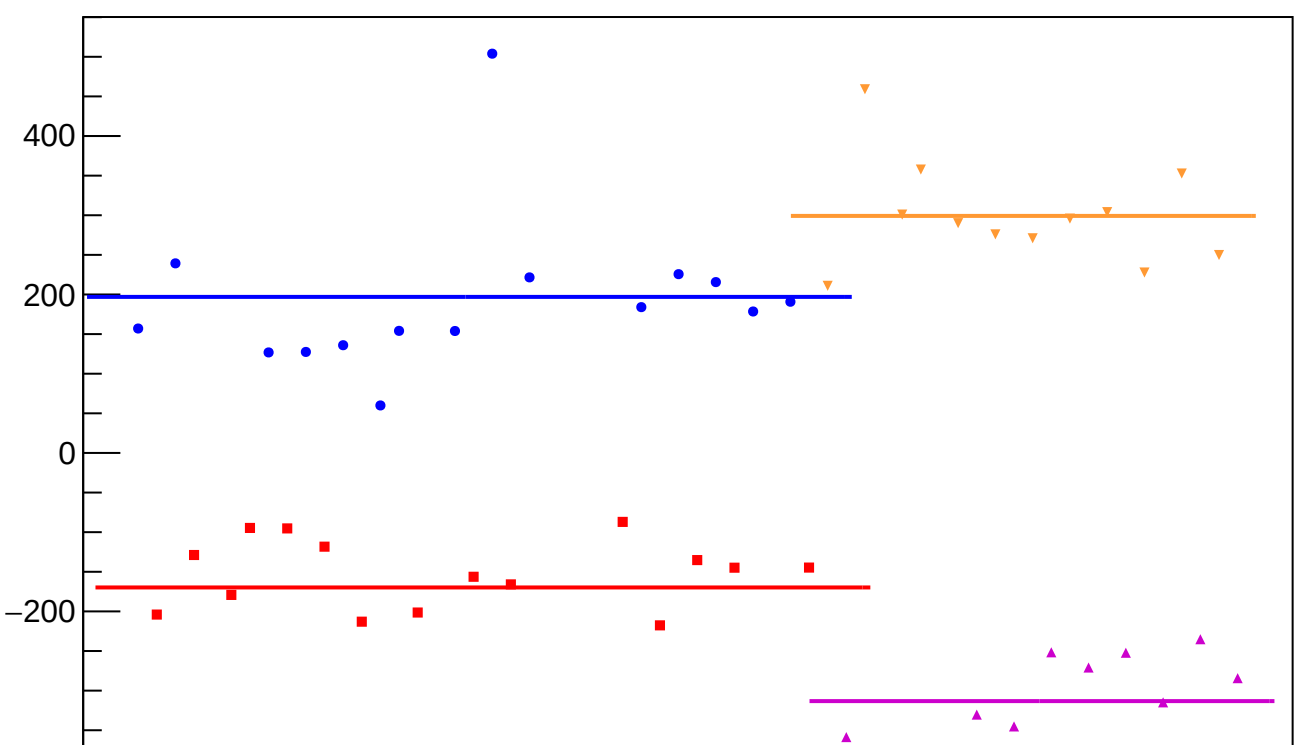
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam5_coil1_mean vs Slug, Sign Corrected



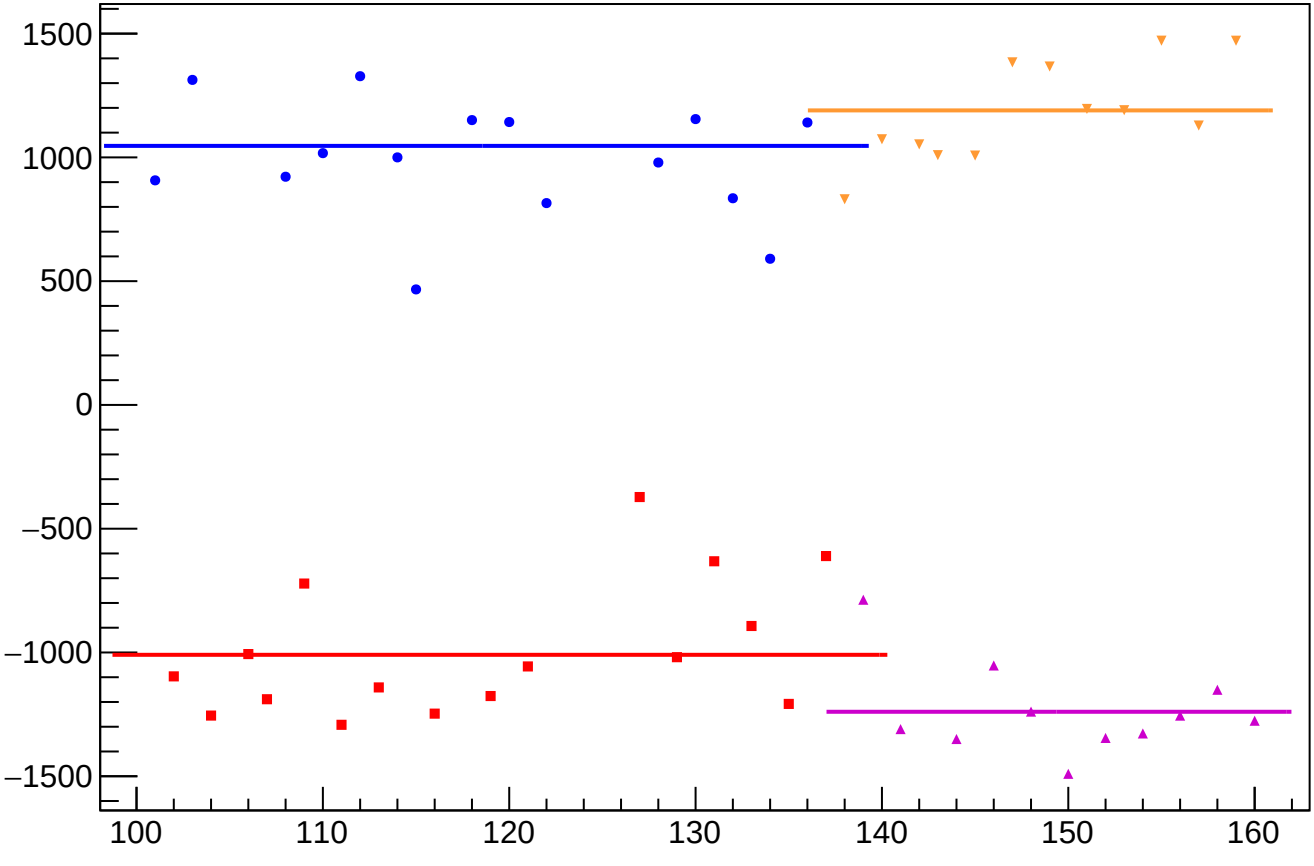
Left: -7.258+/-0.000 χ^2/NDF: 23890758468151762
Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14
Right: -53.015+/-0.000 χ^2/NDF: 220036732540735
Left Out: -2946.326+/-0.000 χ^2/NDF:37311273139536282275859488651053577011 20.0/11
In: 1814.139+/-0.000 χ^2/NDF:8042963130029704
Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15
Out: -1854.022+/-0.000 χ^2/NDF:74302215245533
Left In: 2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10
All: -26.332+/-0.000 χ^2/NDF: 260927325802

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



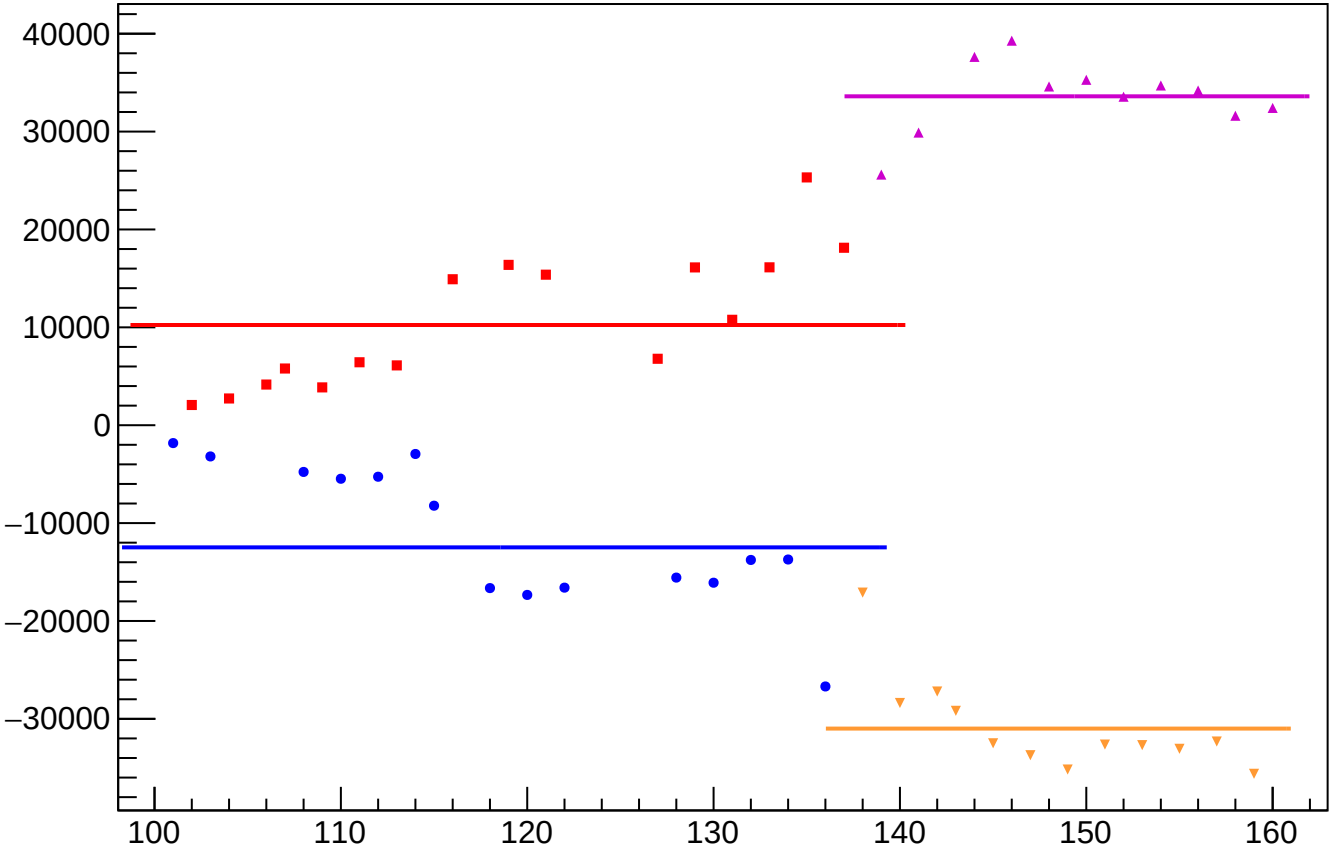
Left: -8.192+/-0.000 χ^2/NDF: 1795657474392997
Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14
Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240
Left Out: 299.172+/-0.000 χ^2/NDF:3880381264543200500455029030889979904.0/11
In: -102.733+/-0.000 χ^2/NDF:1067935716569052
Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15
Out: 101.703+/-0.000 χ^2/NDF:926895742090380
Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10
All: -0.158+/-0.000 χ^2/NDF: 2324687207853

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam6_coil1_mean vs Slug, Sign Corrected



Left: 1427.056+/-0.000 χ^2/NDF: 195327438933418

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -30994.631+/-0.000 χ^2/NDF:213608024055407757940489436479737099714 56.0/11

In: 14589.951+/-0.000 χ^2/NDF:862146721459062

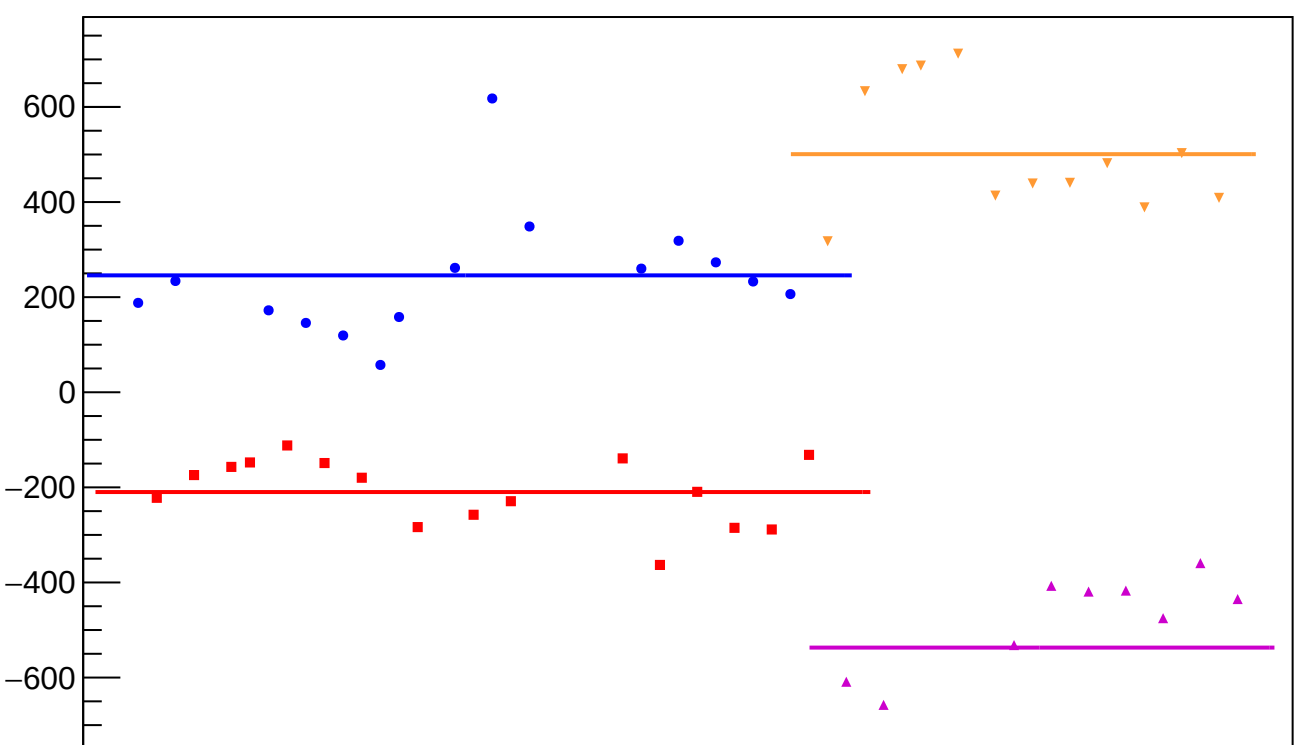
Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -13632.112+/-0.000 χ^2/NDF:7090726770294

Left In: 33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

All: 429.752+/-0.000 χ^2/NDF: 21998374299

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Left: -20.099+/-0.000 χ^2/NDF: 5307663068333209

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

Left Out: 500.722+/-0.000 χ^2/NDF:1436664785403098680108925235491137126 4.0/11

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

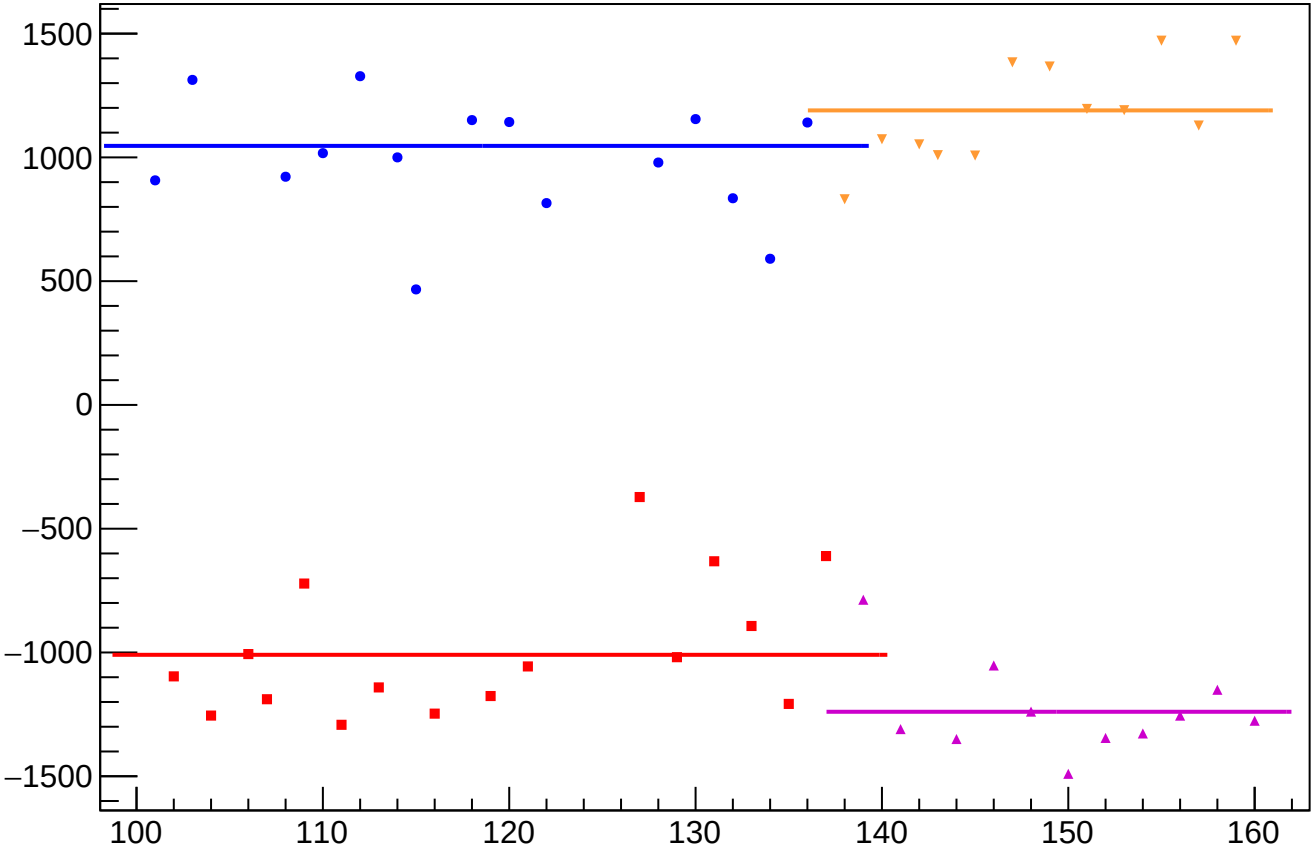
Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Out: 201.513+/-0.000 χ^2/NDF:212456336583566

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

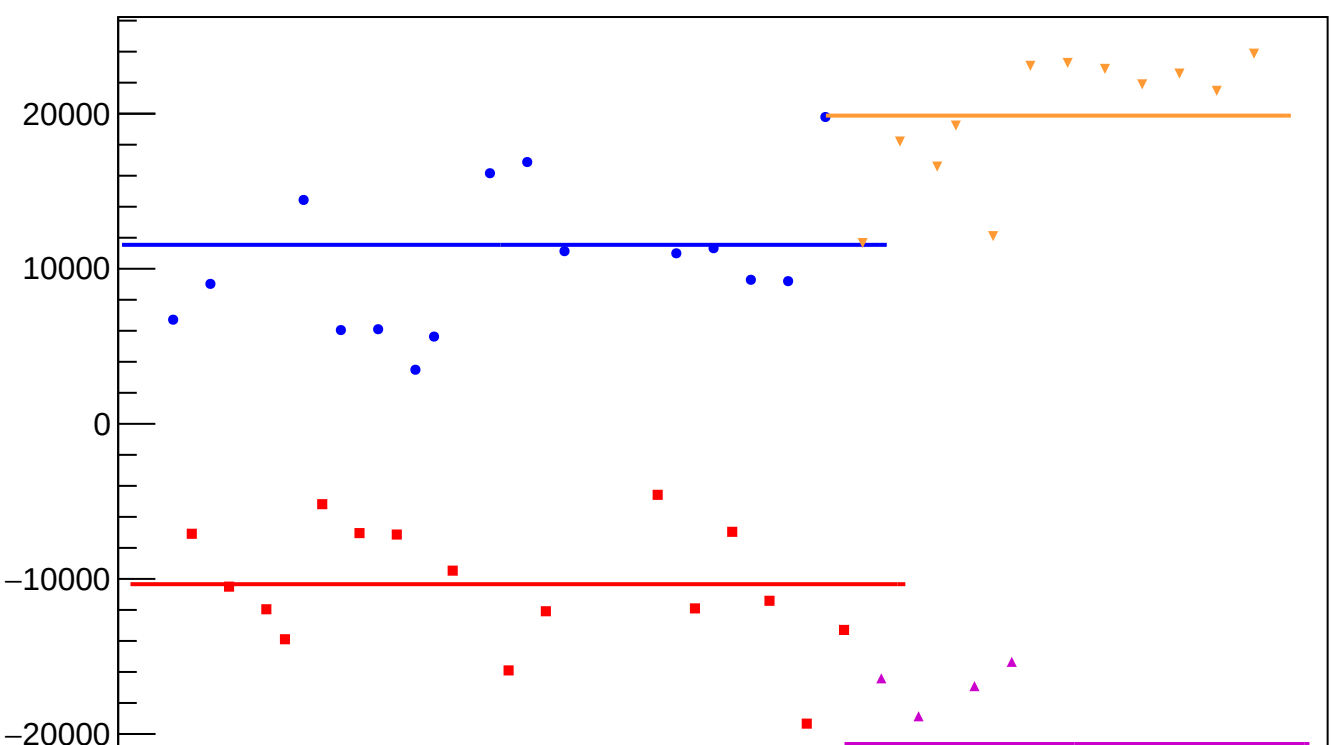
All: -5.519+/-0.000 χ^2/NDF: 6109629963299

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam7_coil1_mean vs Slug, Sign Corrected



Left: -462.133+/-0.000 χ^2/NDF: 779937856524154

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19875.162+/-0.000 χ^2/NDF:158021966434494621984834009563574556426 24.0/11

In: -7364.946+/-0.000 χ^2/NDF:41767350544533 0

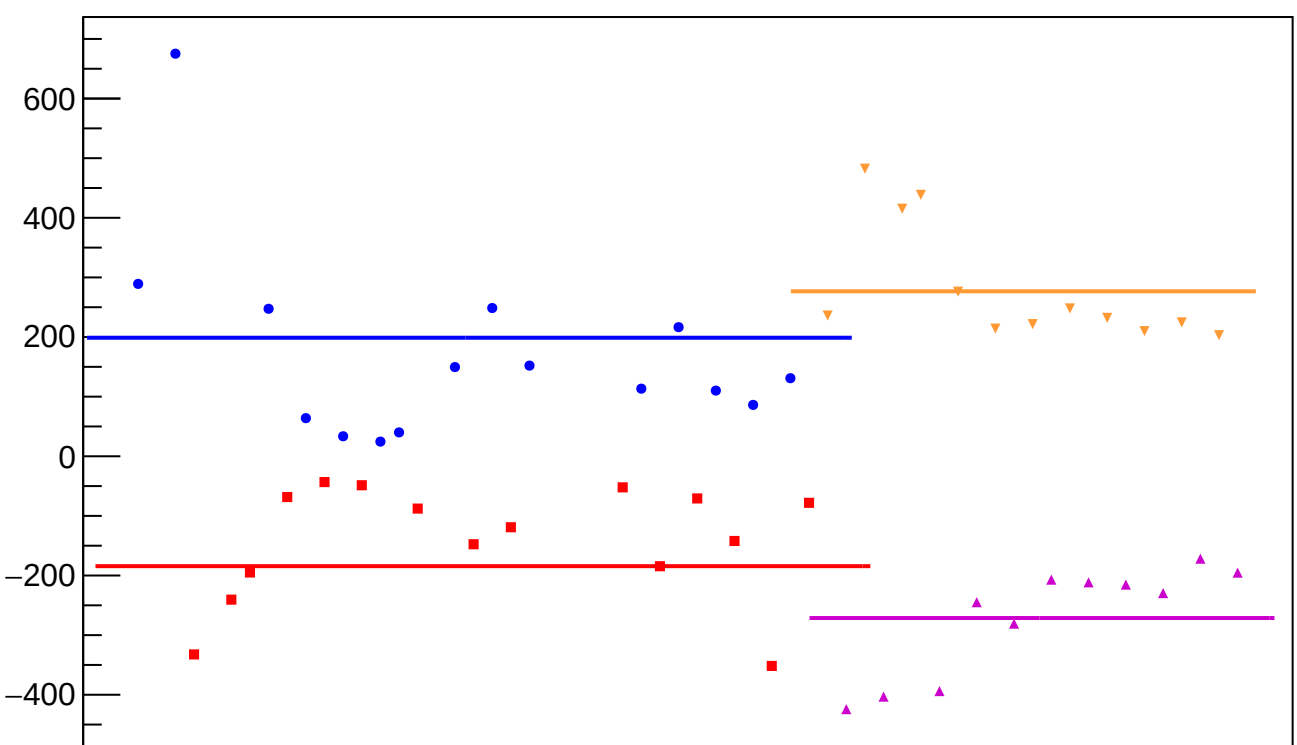
Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7151.998+/-0.000 χ^2/NDF:37958723807414 0

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

All: -81.183+/-0.000 χ^2/NDF: 963586580274

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Left: 1.677+/-0.000 χ^2/NDF: 153367267595922872

Right In: 198.850+/-0.000 χ^2/NDF: 183339951095034380370759169444402954 24.0/14

Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257 0

Left Out: 276.729+/-0.000 χ^2/NDF:80315779700803716185964276886924165 12.0/11

In: -77.317+/-0.000 χ^2/NDF:109711030334921 92

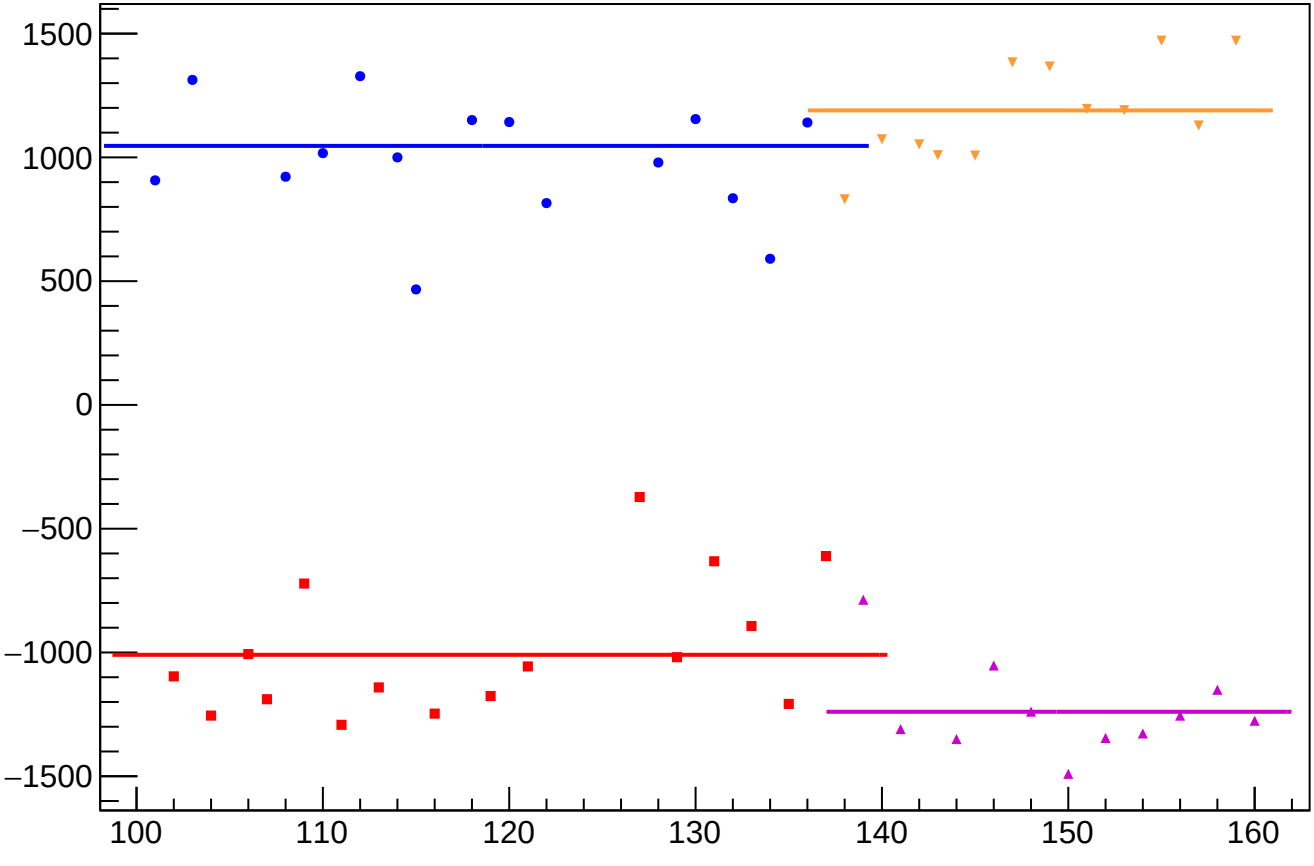
Right Out: -184.328+/-0.000 χ^2/NDF: 149274349313955886010249615383724032 00.0/15

Out: 82.584+/-0.000 χ^2/NDF:105041531978612 64

Left In: -271.291+/-0.000 χ^2/NDF:711244598103052014506681410397405184 0.0/10

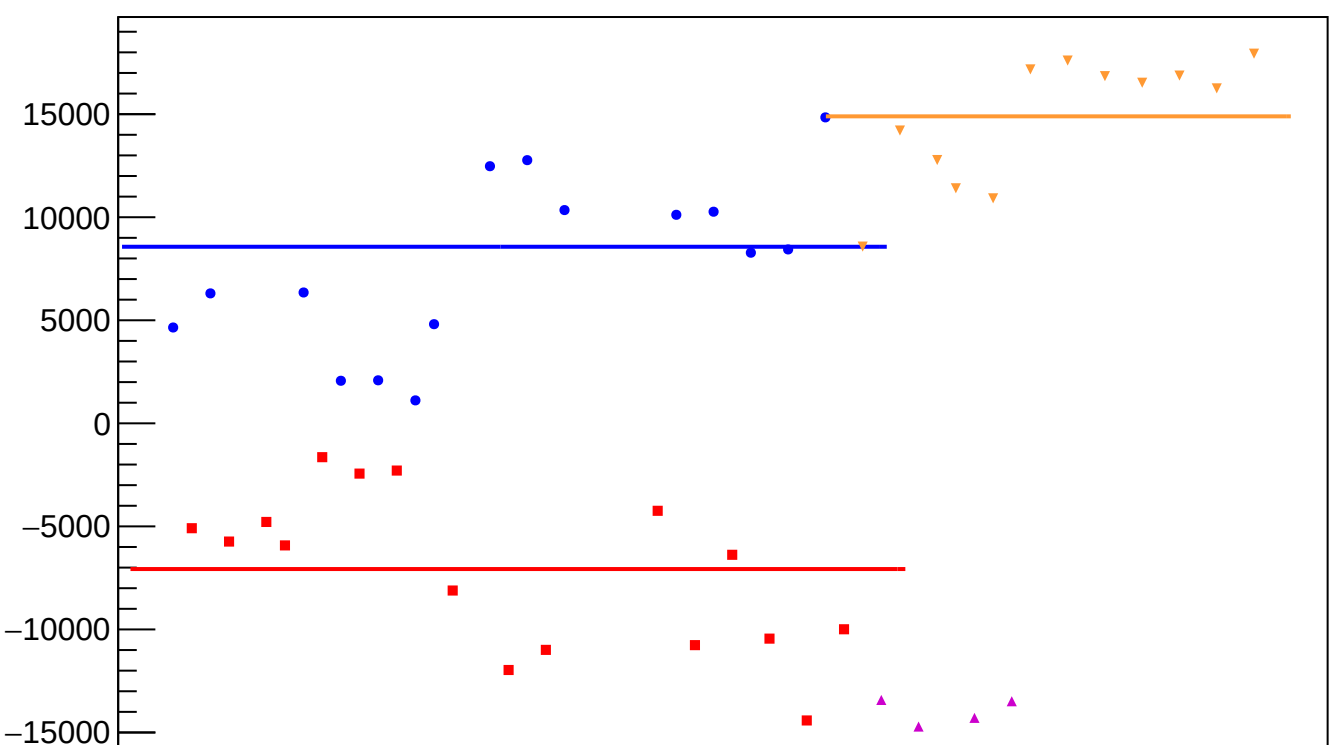
All: 2.912+/-0.000 χ^2/NDF: 2349321475908 2

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
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: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_sam8_coil1_mean vs Slug, Sign Corrected



Left: -605.094+/-0.000 χ^2/NDF: 449603565245428

Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14

Right: 642.005+/-0.000 χ^2/NDF: 101620430321781

Left Out: 14894.671+/-0.000 χ^2/NDF:819699425116216254878261751319506609766 4.0/11

In: -5856.261+/-0.000 χ^2/NDF:2434429122996 38

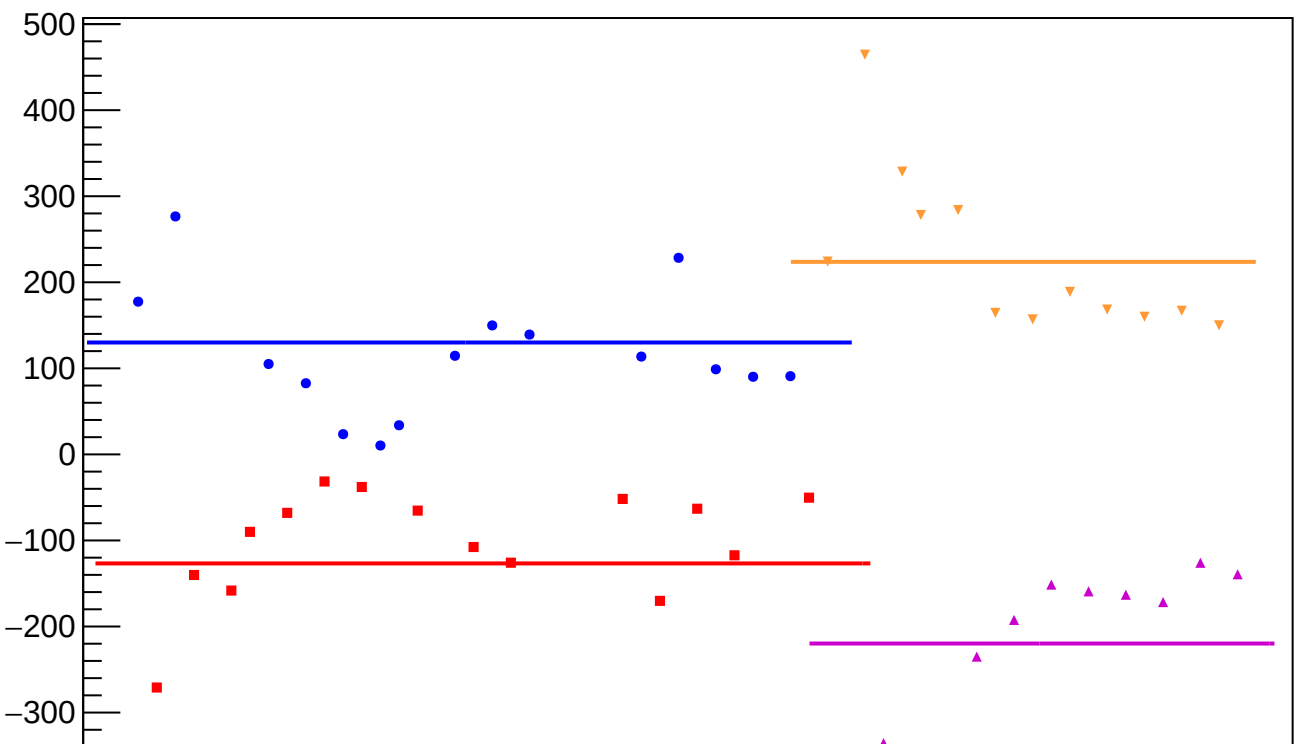
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786662 4.0/15

Out: 5645.707+/-0.000 χ^2/NDF:204561838277248

Left In: -15987.436+/-0.000 χ^2/NDF:2470393428254815728629083332629999124480.0/10

All: -85.239+/-0.000 χ^2/NDF: 552417535808

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Left: 1.125+/-0.000 χ^2/NDF: 105718940355334033

Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14

Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835

Left Out: 223.724+/-0.000 χ^2/NDF:7769866101258790132911352573971136512.0/11

In: -75.461+/-0.000 χ^2/NDF:5718321474532916

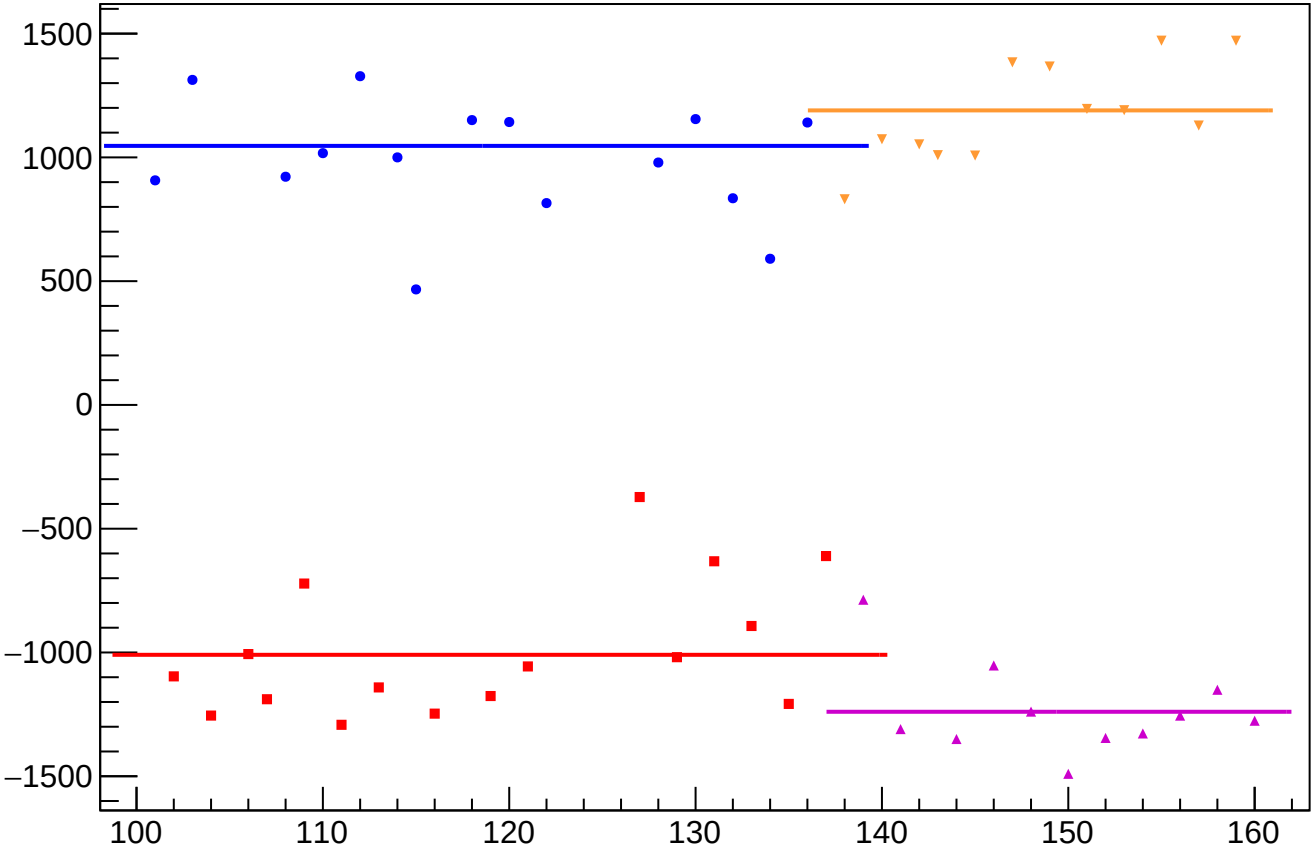
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15

Out: 76.161+/-0.000 χ^2/NDF:605855057838311

Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10

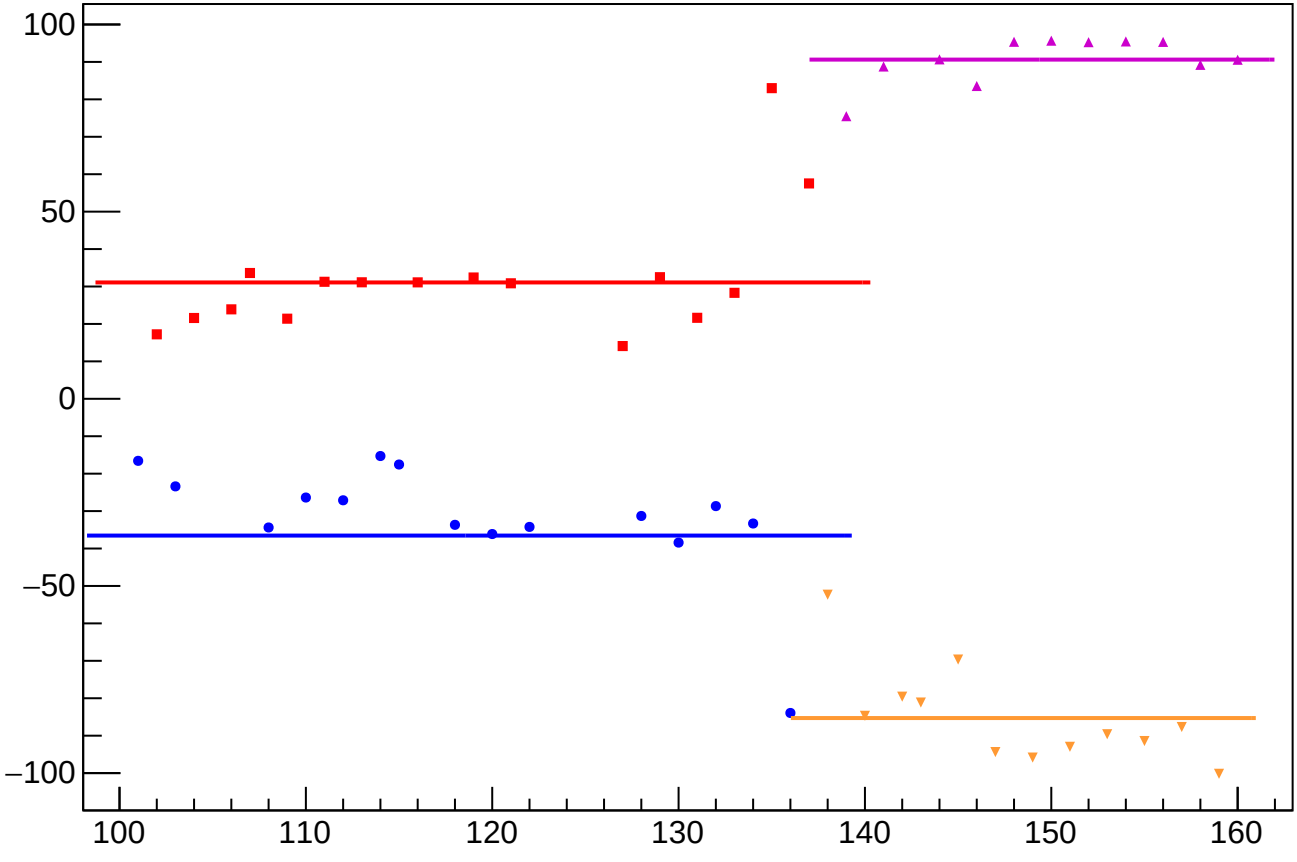
All: 0.615+/-0.000 χ^2/NDF: 1359127742015

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



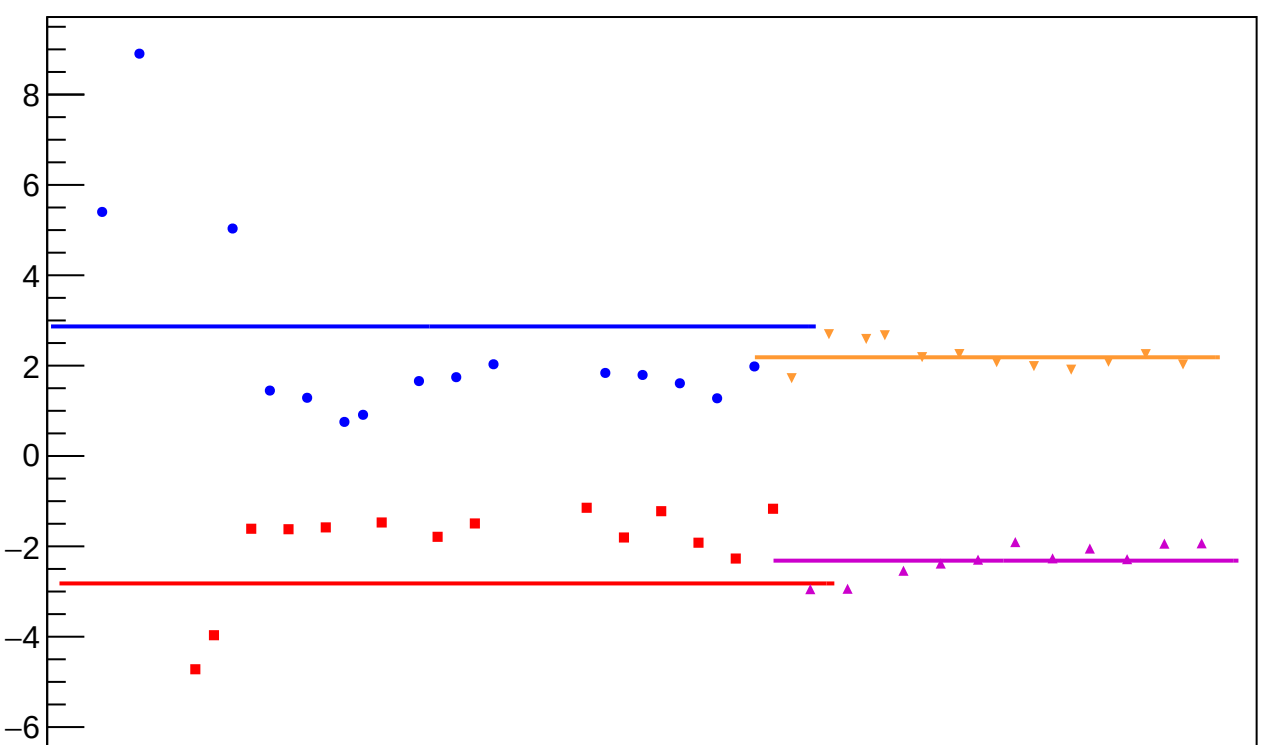
Left: -29.485+/-0.000 χ^2/NDF: 2780895357711007
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1189.821+/-0.000 χ^2/NDF:3548787264287656328214000844460051660 8.0/11
In: -296.360+/-0.000 χ^2/NDF:204629200913052 7
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 263.741+/-0.000 χ^2/NDF:1947741480778667
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.334+/-0.000 χ^2/NDF: 424162911952

dit_4aX_coil3_mean vs Slug, Sign Corrected



Left: 2.998+/-0.000 χ^2/NDF: 14425094702229248
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -85.291+/-0.000 χ^2/NDF:1503351865756920475253980731728199 68.0/11
In: 38.154+/-0.000 χ^2/NDF:64516085545673936
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -36.286+/-0.000 χ^2/NDF:5561186086442477
Left In: 90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10
All: 0.804+/-0.000 χ^2/NDF: 1638628465778

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.074+/-0.000 χ^2/NDF: 95157868092159667

Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

Left Out: 2.185+/-0.000 χ^2/NDF:7550126663773006003816821161984.0/11

In: -0.178+/-0.000 χ^2/NDF:138149448631133165

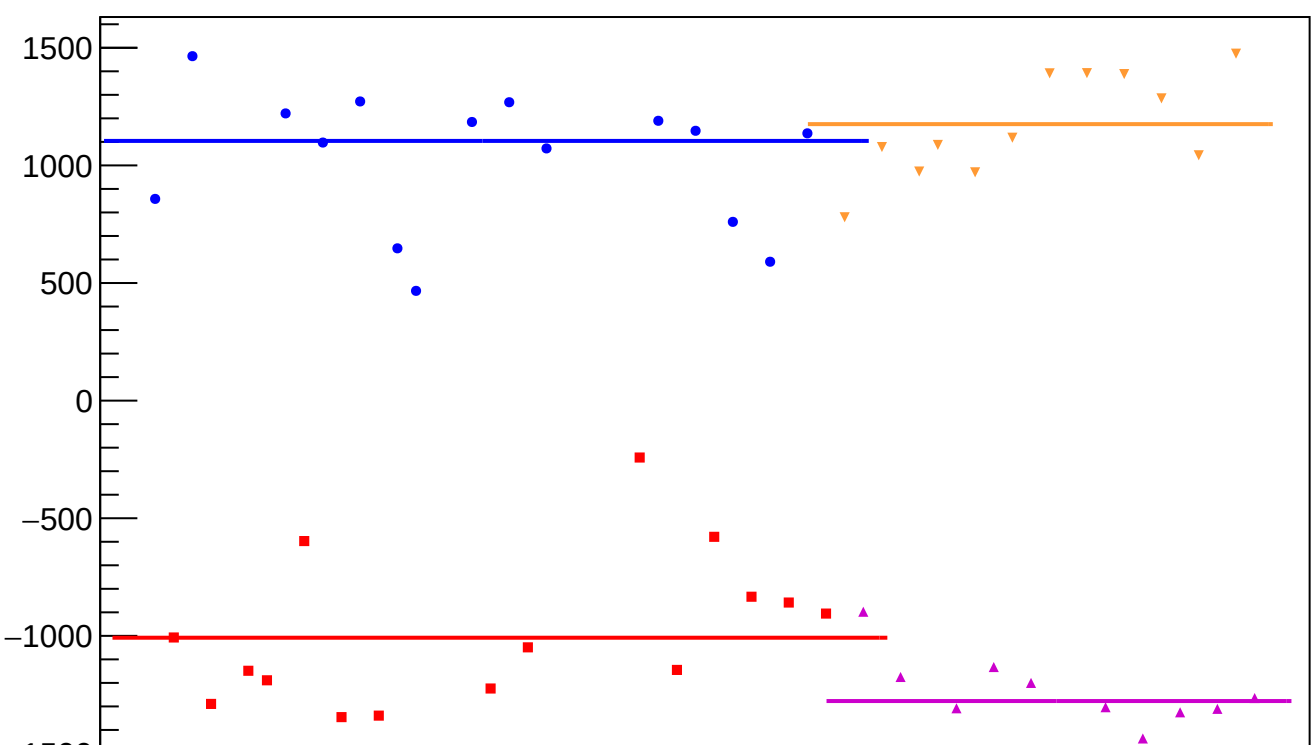
Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Out: 0.077+/-0.000 χ^2/NDF:12804509079609747

Left In: -2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

All: -0.050+/-0.000 χ^2/NDF: 2667065323258

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

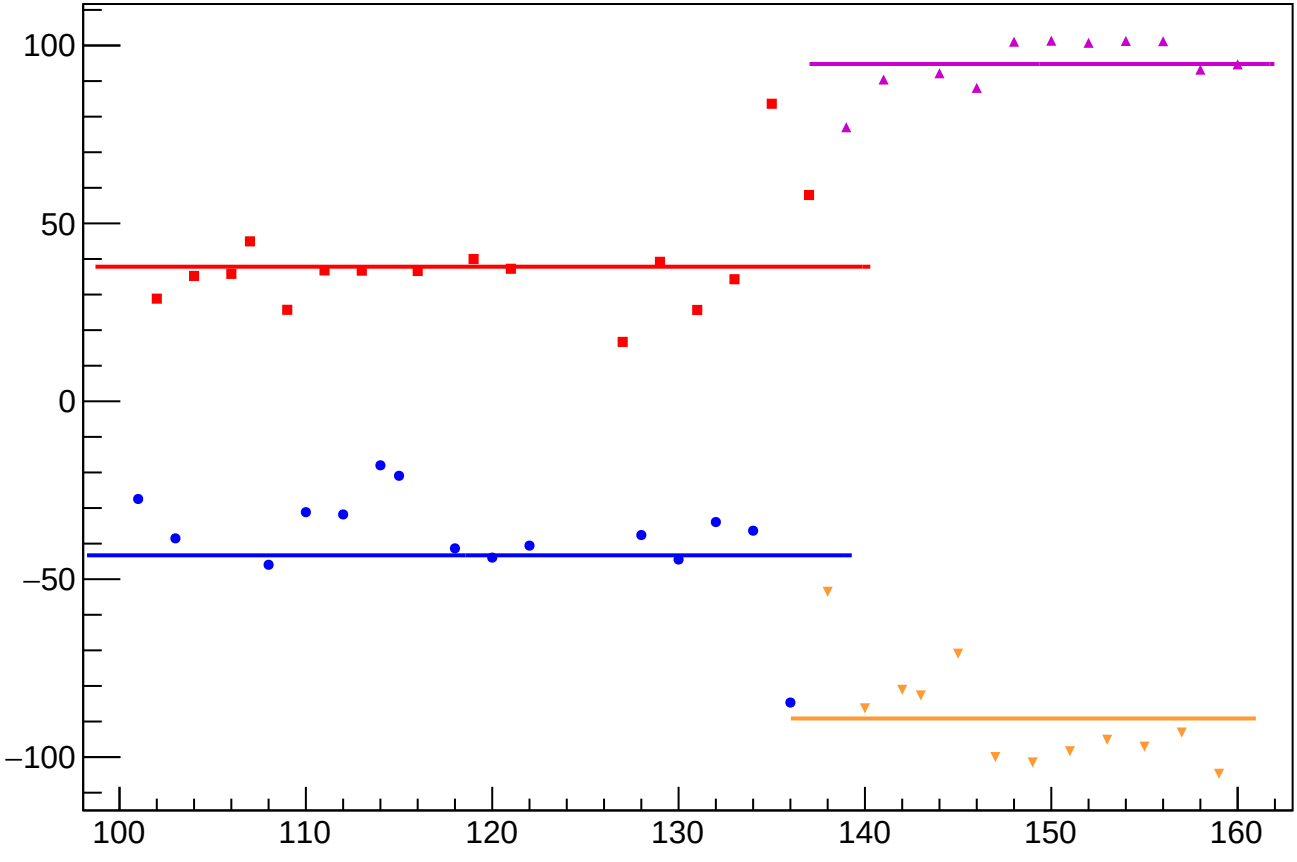
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_4eX_coil3_mean vs Slug, Sign Corrected



Left: 3.176+/-0.000 χ^2/NDF: 158111837219189498

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -89.146+/-0.000 χ^2/NDF:189364483855471766611288200184856576.0/11

In: 37.826+/-0.000 χ^2/NDF:751790372998047563

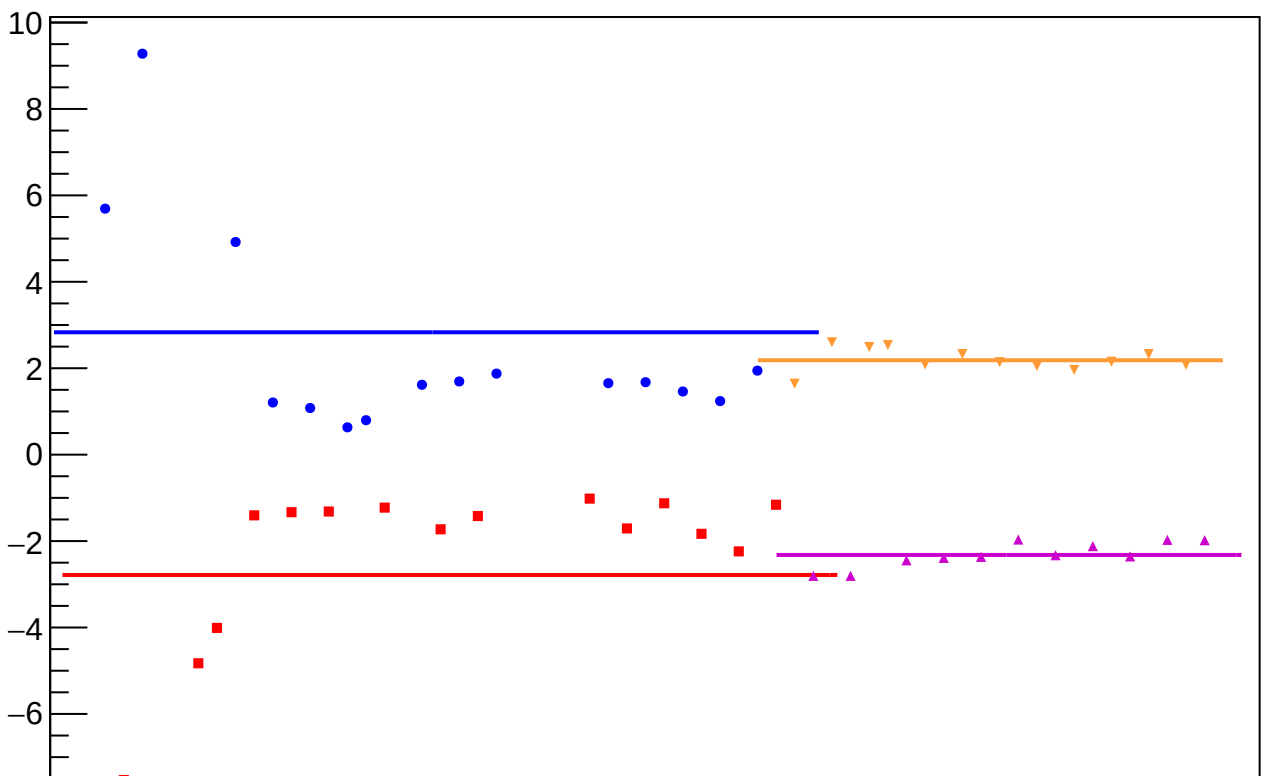
Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.677+/-0.000 χ^2/NDF:6563927039215261

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

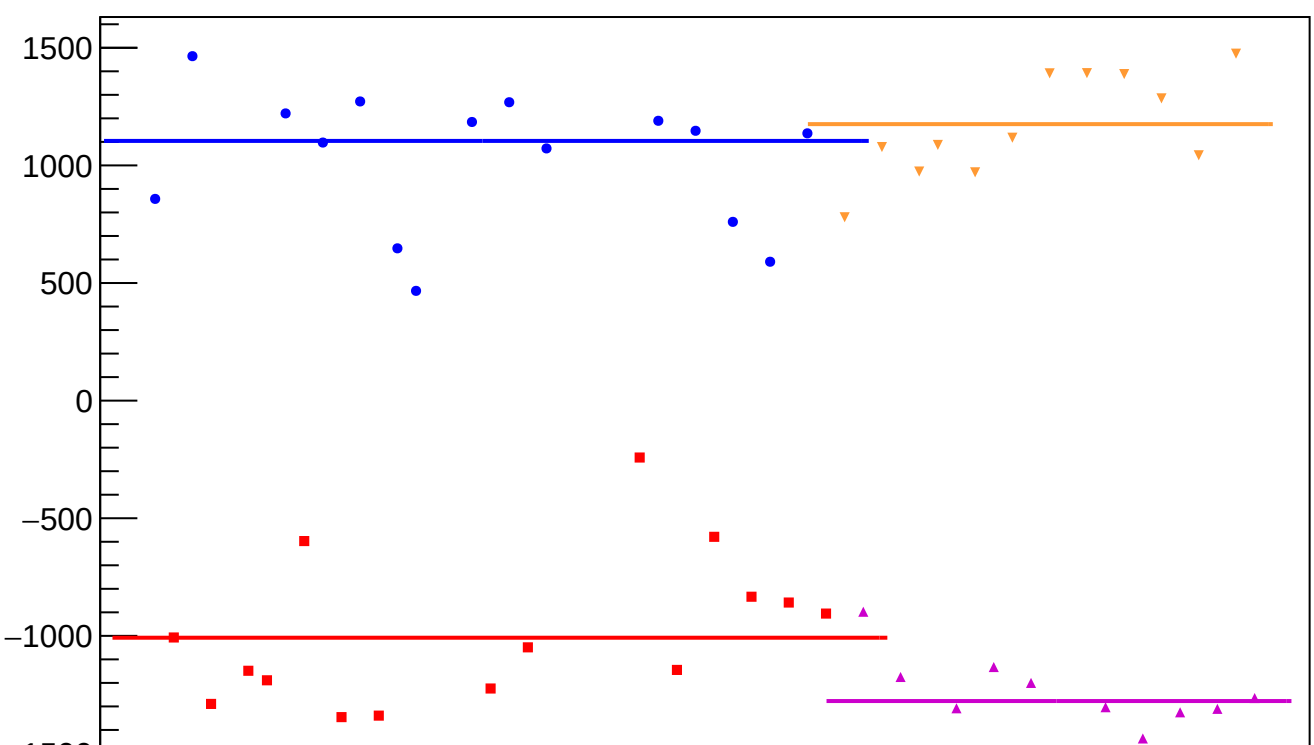
All: 0.946+/-0.000 χ^2/NDF: 18345835995251

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Left: -0.077+/-0.000 χ^2/NDF: 9477343719544099
Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14
Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502
Left Out: 2.185+/-0.000 χ^2/NDF:60382547029004782914122064855040.0/11
In: -0.195+/-0.000 χ^2/NDF:14153850134085161
Right Out: -2.784+/-0.000 χ^2/NDF: 35895449561081168980912368978493 44.0/15
Out: 0.092+/-0.000 χ^2/NDF:13183048261414672
Left In: -2.321+/-0.000 χ^2/NDF:74619123224616324544404505231360.0/10
All: -0.051+/-0.000 χ^2/NDF: 2740200778569

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

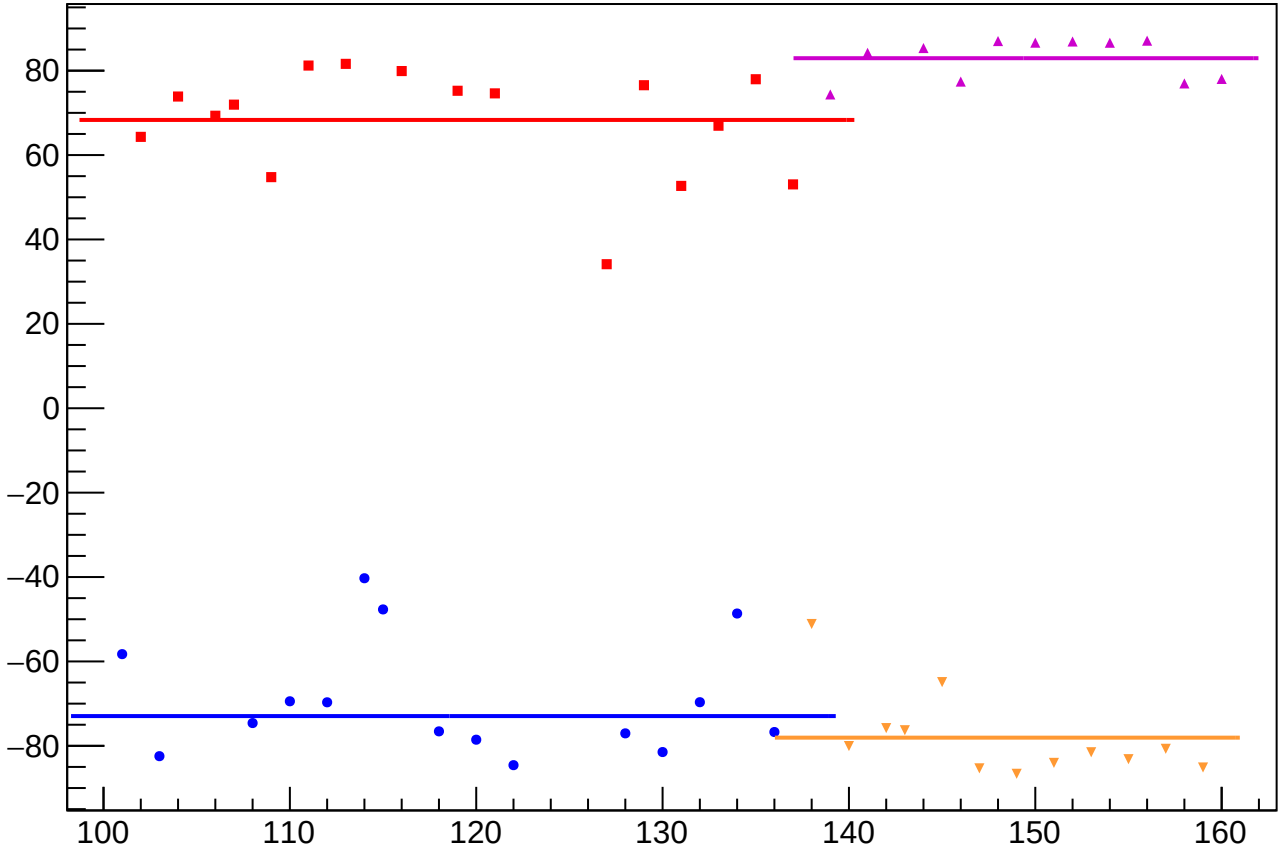
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

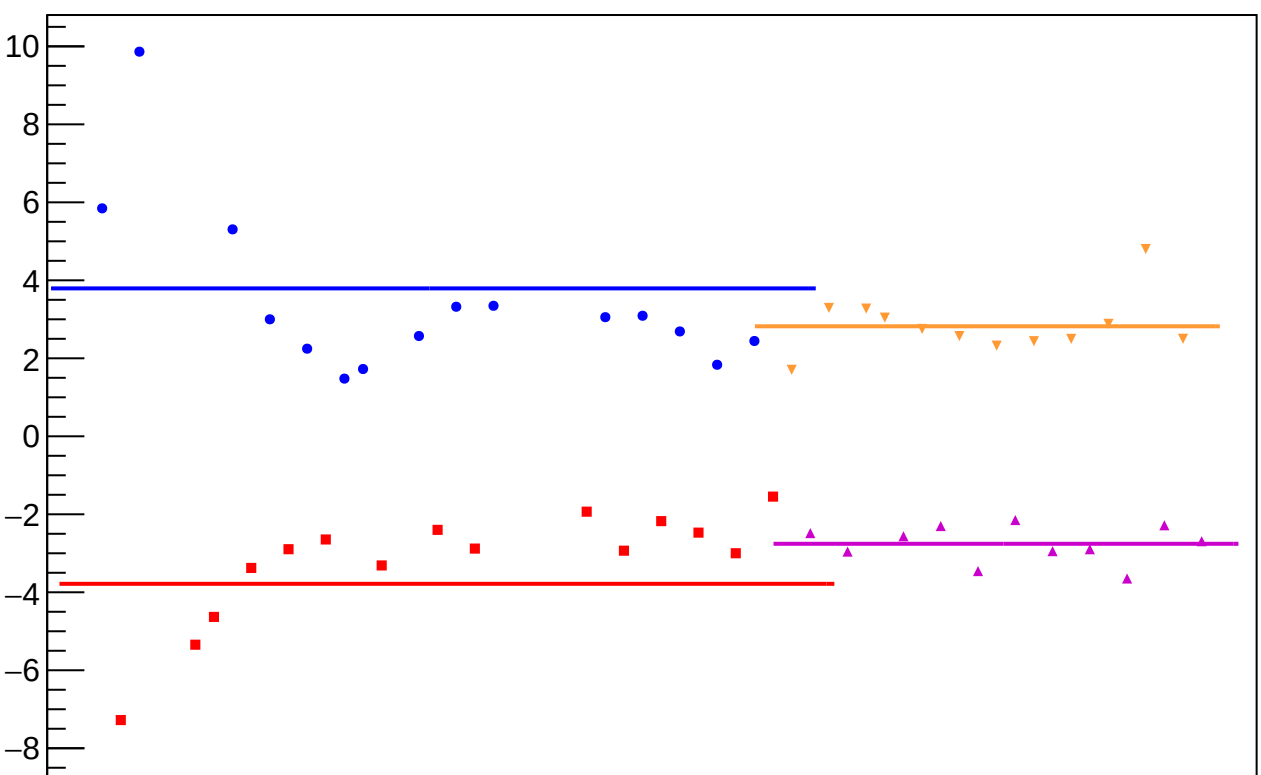
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Left: 2.753+/-0.000 χ^2/NDF: 12044603394135018
Right In: -72.949+/-0.000 χ^2/NDF: 657554284648579803068791262910873 60.0/14
Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205
Left Out: -78.060+/-0.000 χ^2/NDF:9207698978356102499121555953056768.0/11
In: 18.630+/-0.000 χ^2/NDF:935227547229560147
Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725 84960.0/15
Out: -16.420+/-0.000 χ^2/NDF:8473003169479840
Left In: 82.954+/-0.000 χ^2/NDF:2041915777487729784920530317056 4096.0/10
All: 1.044+/-0.000 χ^2/NDF: 1879489260663

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Left: 0.021+/-0.000 χ^2/NDF: 150019898888711365

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.821+/-0.000 χ^2/NDF:49308255558078562727579767904665 6.0/11

In: -0.054+/-0.000 χ^2/NDF:197504965685105857

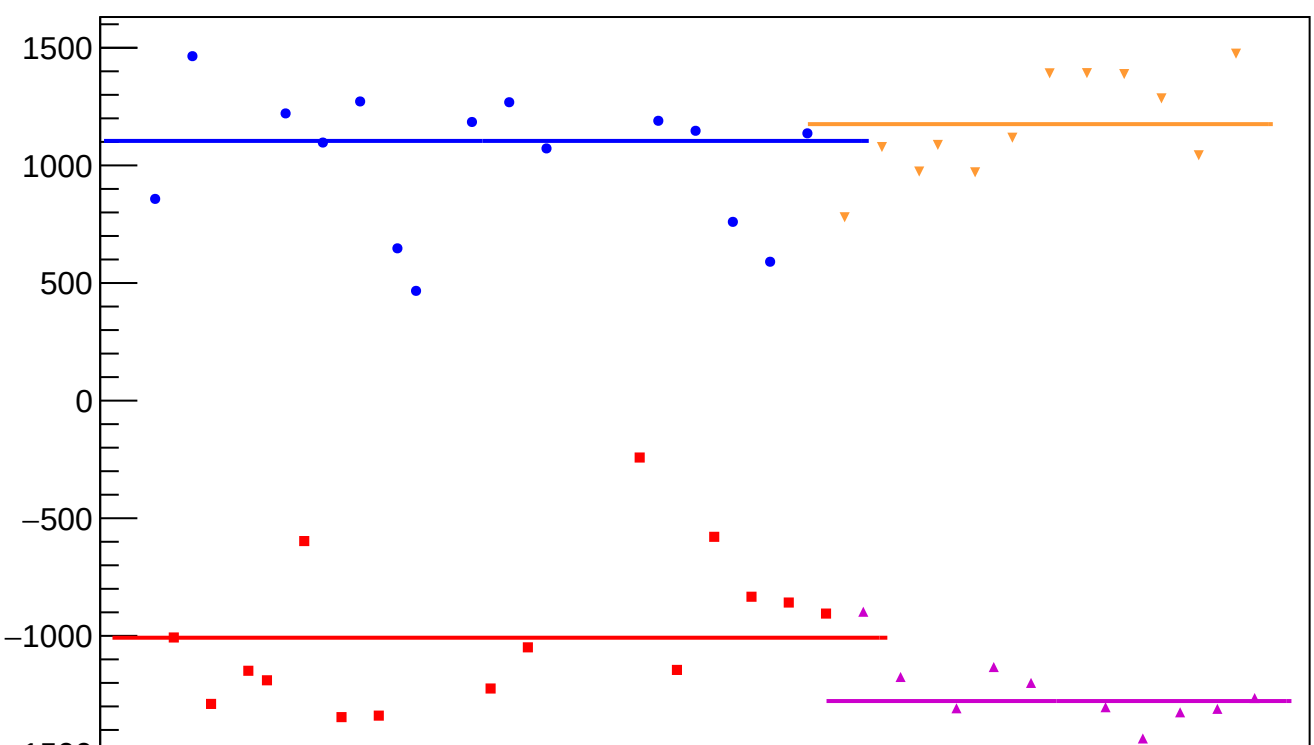
Right Out: -3.783+/-0.000 χ^2/NDF: 287858662219267665445233875537 1008.0/15

Out: 0.040+/-0.000 χ^2/NDF:202117333413453481

Left In: -2.757+/-0.000 χ^2/NDF:191720746547732306226054042746880.0/10

All: -0.007+/-0.000 χ^2/NDF: 3996925901016

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

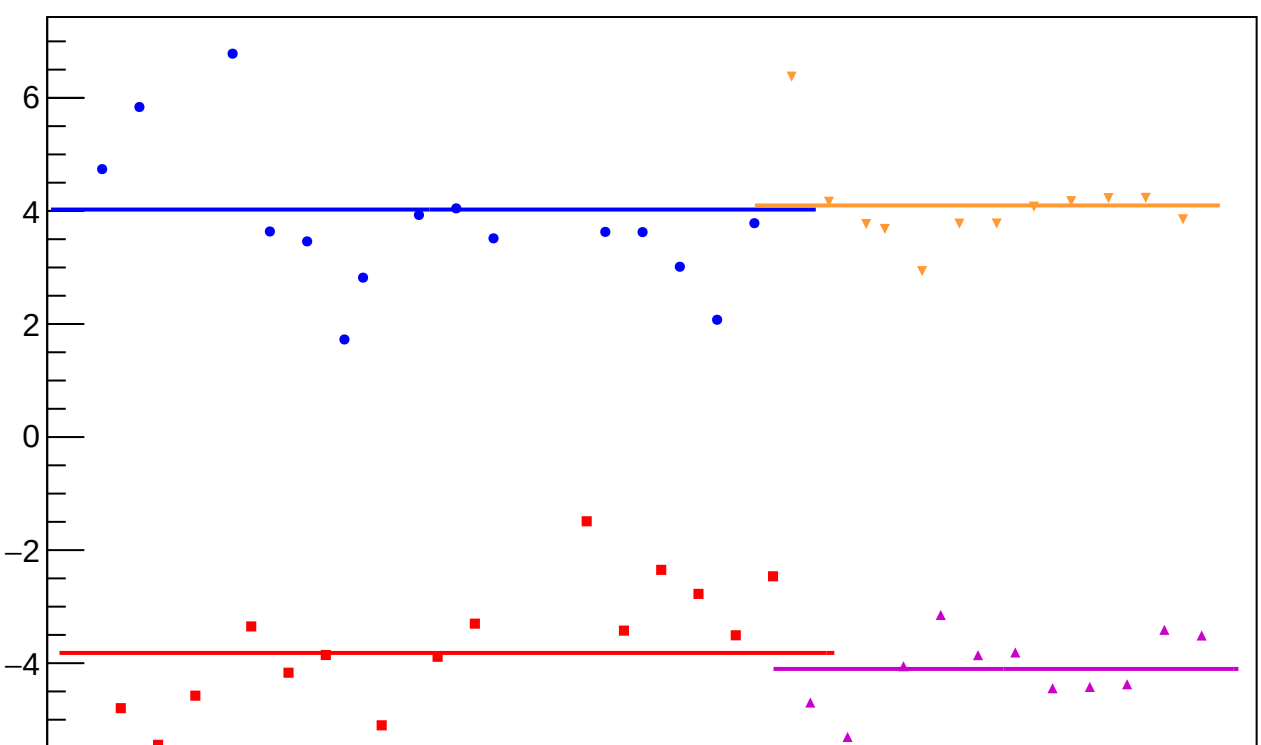
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_4aY_coil3_mean vs Slug, Sign Corrected



Left: -0.018+/-0.000 χ^2/NDF: 31826775852587250

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 2189275488787973 9

Left Out: 4.098+/-0.000 χ^2/NDF:556317927026663328650590815256576.0/11

In: -0.749+/-0.000 χ^2/NDF:26275294393356203 3

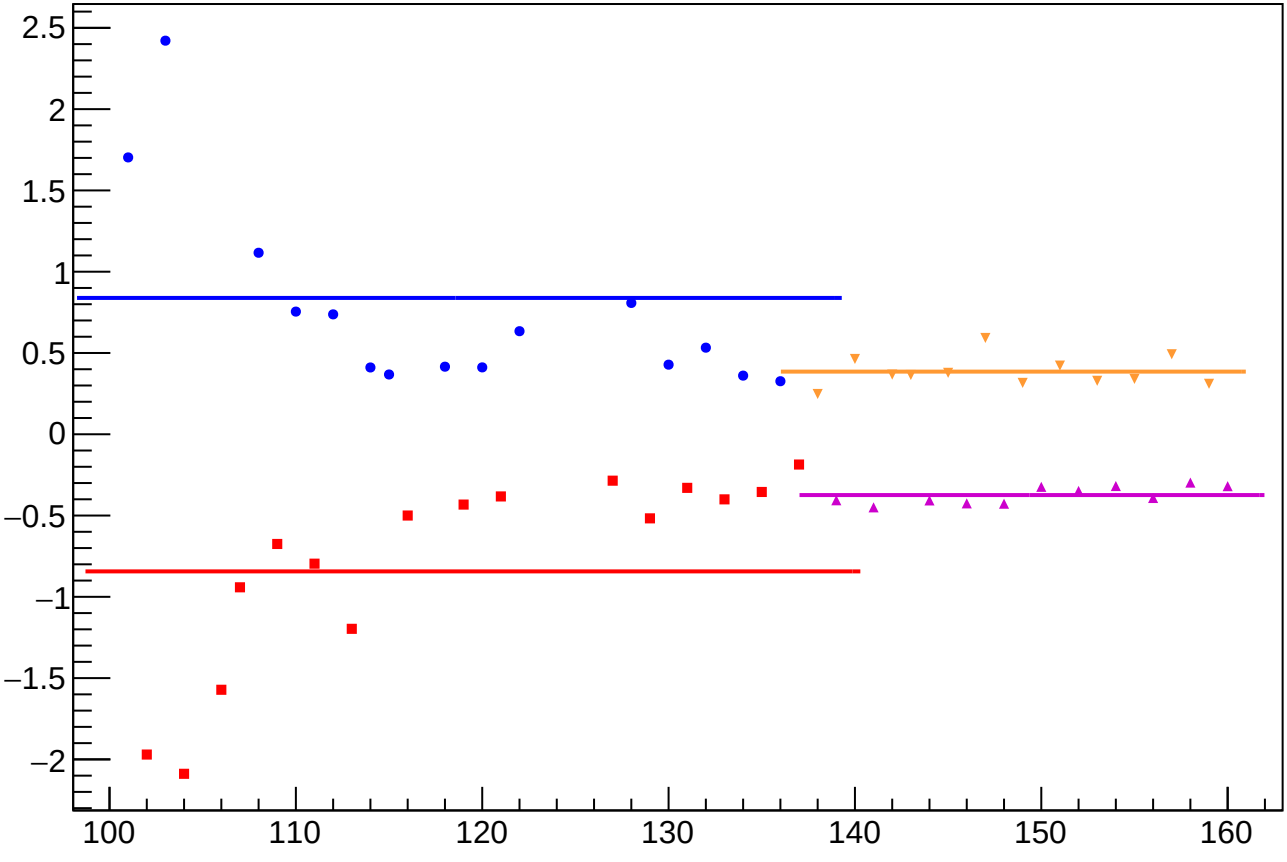
Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.764+/-0.000 χ^2/NDF:2564107672551213 40

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

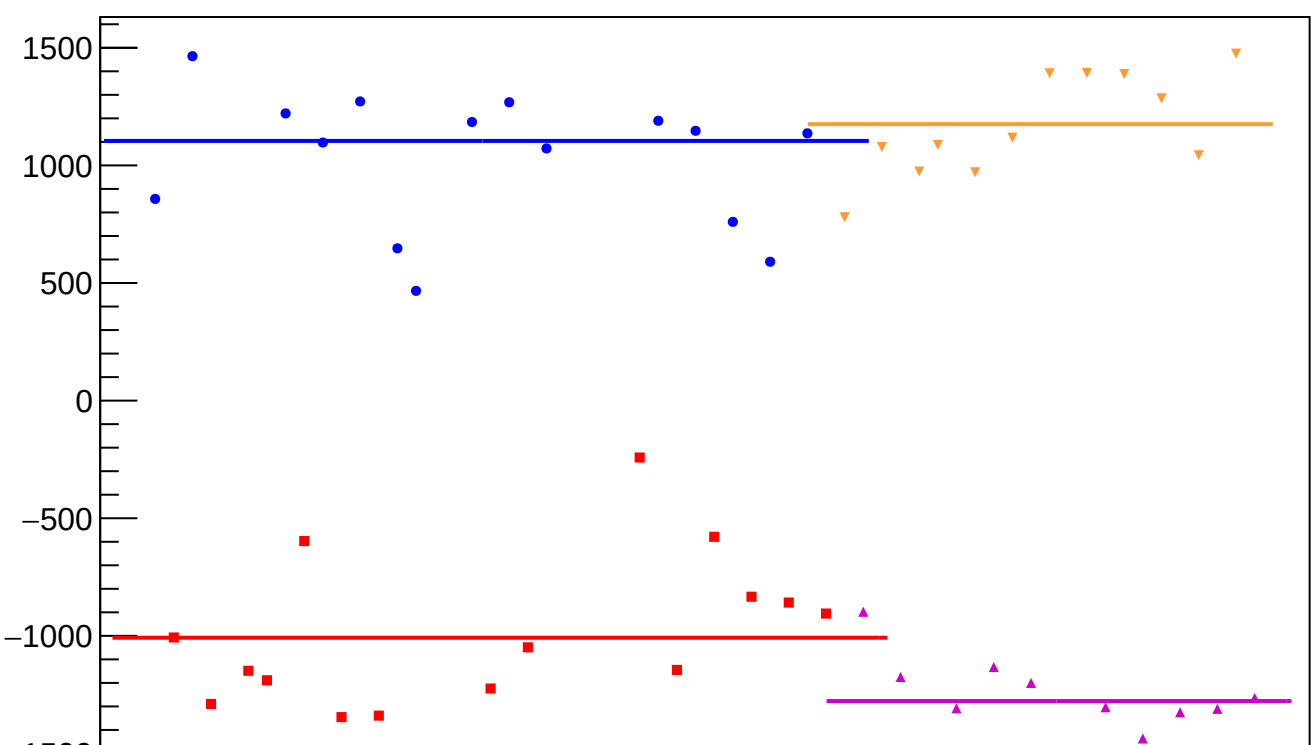
All: 0.010+/-0.000 χ^2/NDF: 5372299402836 1

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Left: 0.004+/-0.000 χ^2/NDF: 27550361217640137
Right Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.385+/-0.000 χ^2/NDF:7658632015844553503510259302400.0/11
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:8437772031365799 9
Left In: -0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10
All: -0.003+/-0.000 χ^2/NDF: 1717963471846

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

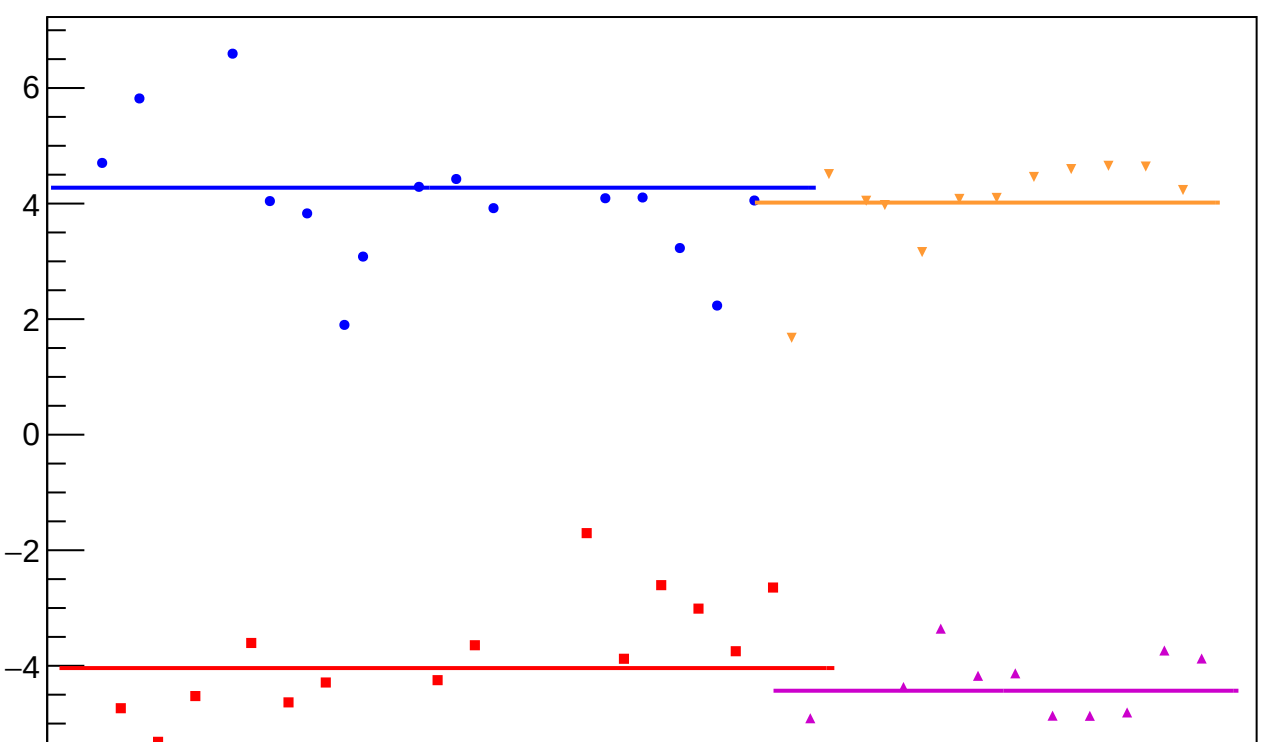
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_4eY_coil3_mean vs Slug, Sign Corrected



Left: -0.223+/-0.000 χ^2/NDF: 33815816136845994

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 2410811716301541 6

Left Out: 4.017+/-0.000 χ^2/NDF:618248057516763535647221148024832.0/11

In: -0.839+/-0.000 χ^2/NDF:298405306819524431

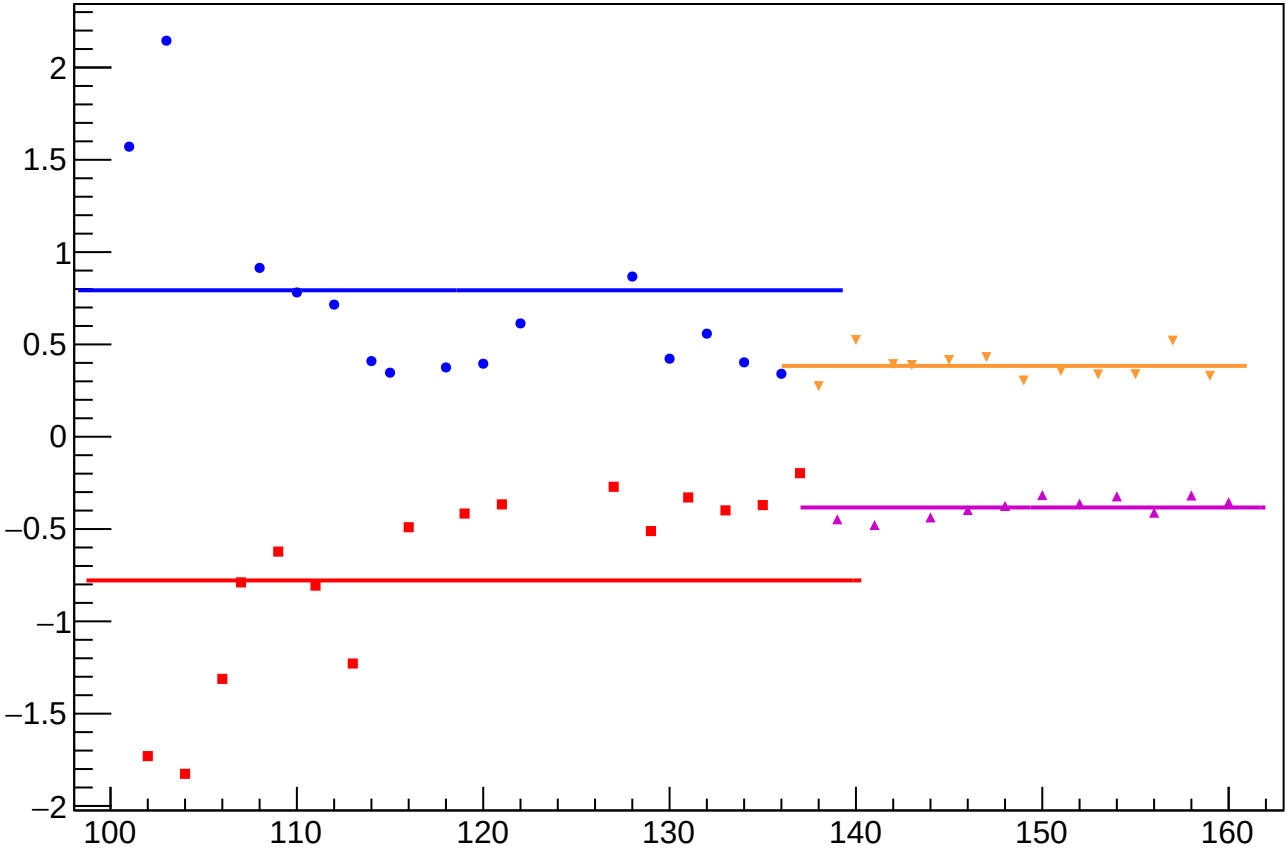
Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.625+/-0.000 χ^2/NDF:2645376445108652 21

Left In: -4.432+/-0.000 χ^2/NDF:3456027031912457705542103638999 04.0/10

All: -0.105+/-0.000 χ^2/NDF: 5798588816900

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Left: -0.001+/-0.000 χ^2/NDF: 27885771239610807

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.384+/-0.000 χ^2/NDF:5453192114665634094551262035968.0/11

In: 0.102+/-0.000 χ^2/NDF:7258405978340592610

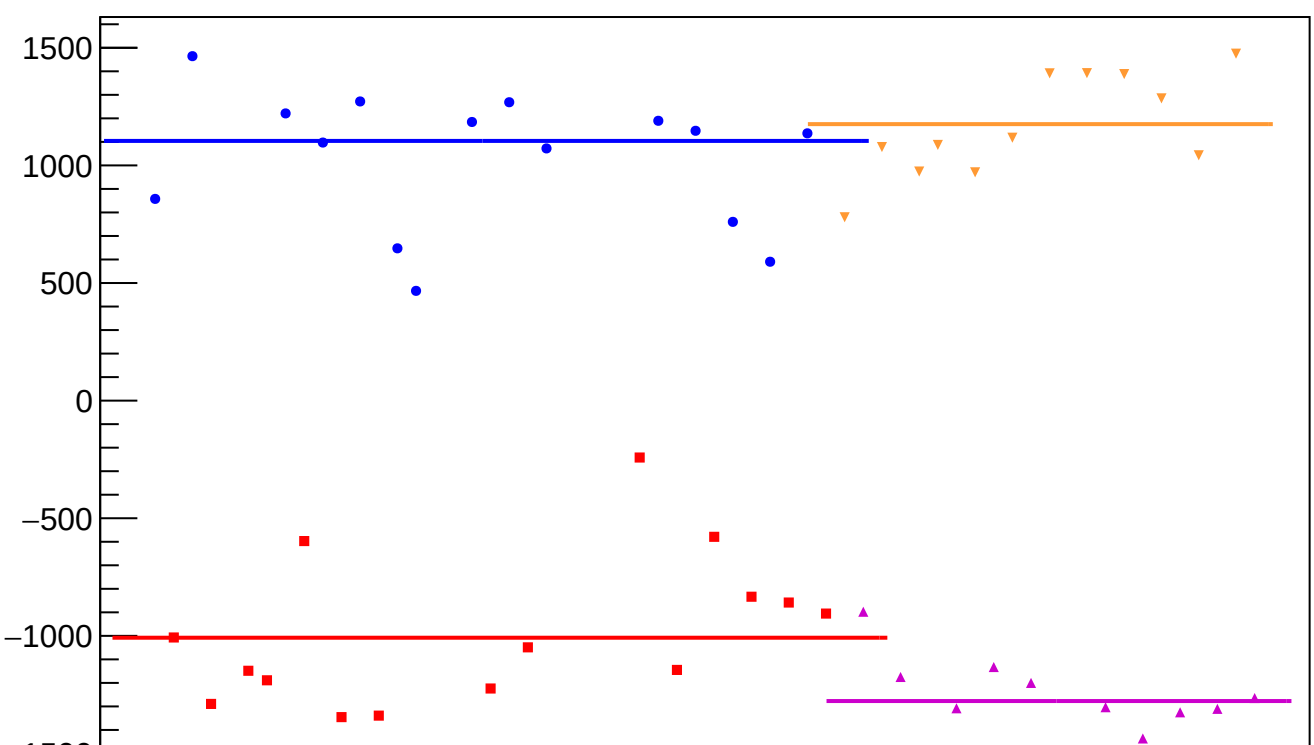
Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.106+/-0.000 χ^2/NDF:71279654868579041

Left In: -0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

All: -0.002+/-0.000 χ^2/NDF: 1472702124552

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

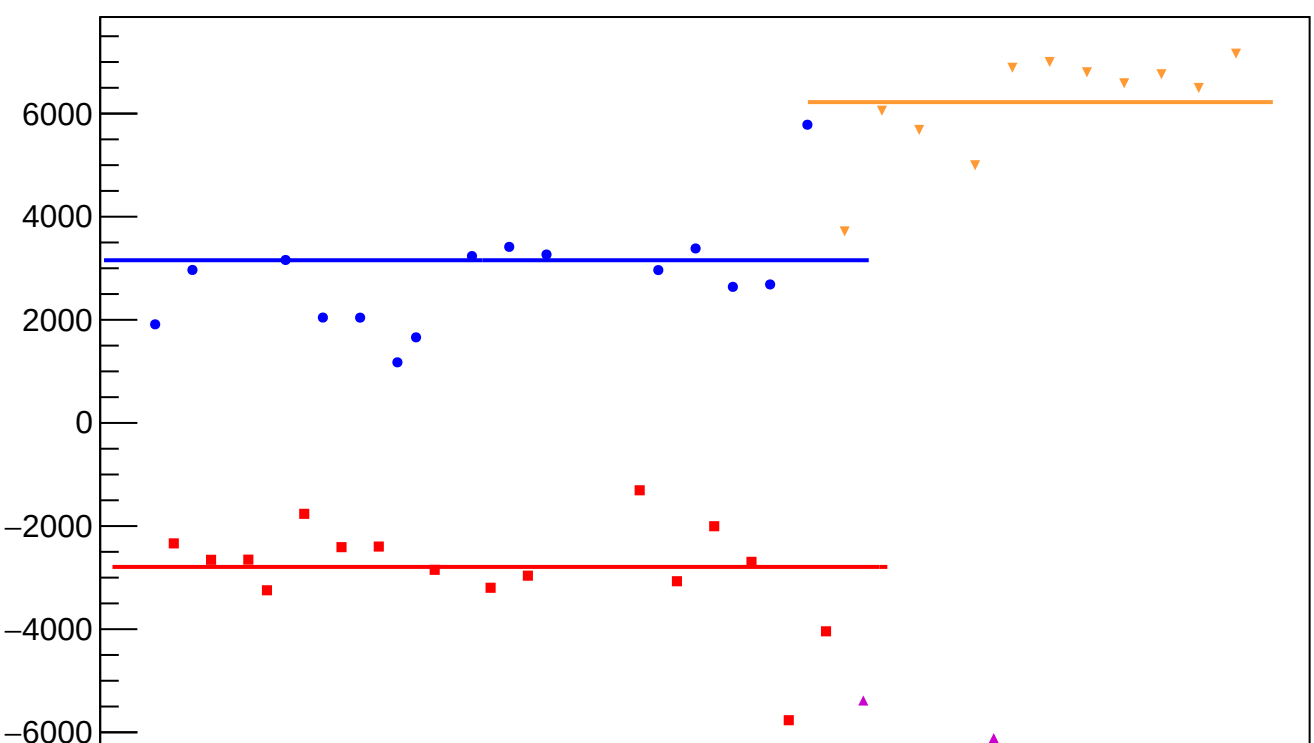
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_usl_coil3_mean vs Slug, Sign Corrected



Left: -454.300+/-0.000 χ^2/NDF: 738136150924578

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6221.938+/-0.000 χ^2/NDF:849977473152285312907595623686819807232.0/10

In: -2572.599+/-0.000 χ^2/NDF:373790912122959

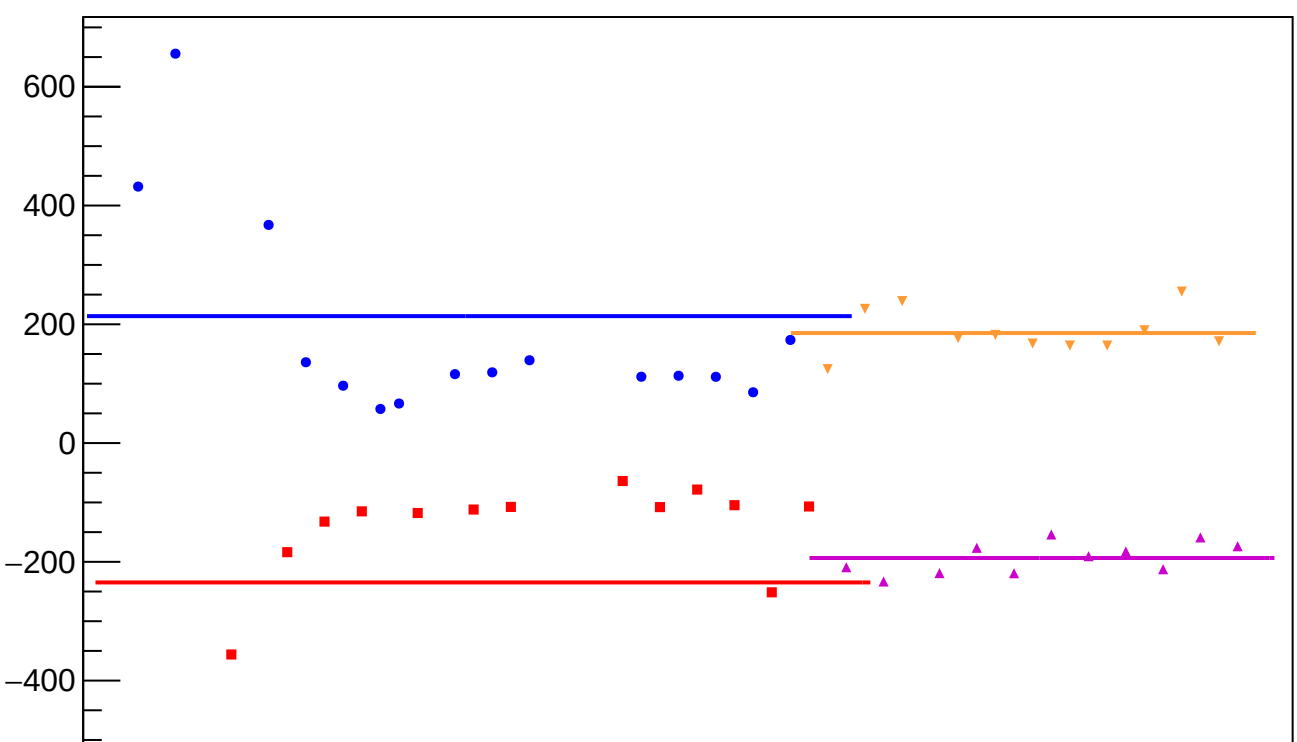
Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 2258.550+/-0.000 χ^2/NDF:318923154696121

Left In: -6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640936 96.0/10

All: -200.802+/-0.000 χ^2/NDF: 8729563468 3

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Left: -12.027+/-0.000 χ^2/NDF: 6520096149160952

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 185.291+/-0.000 χ^2/NDF:106372867400635059066183874614866739 2.0/10

In: -25.504+/-0.000 χ^2/NDF:83555095892474159

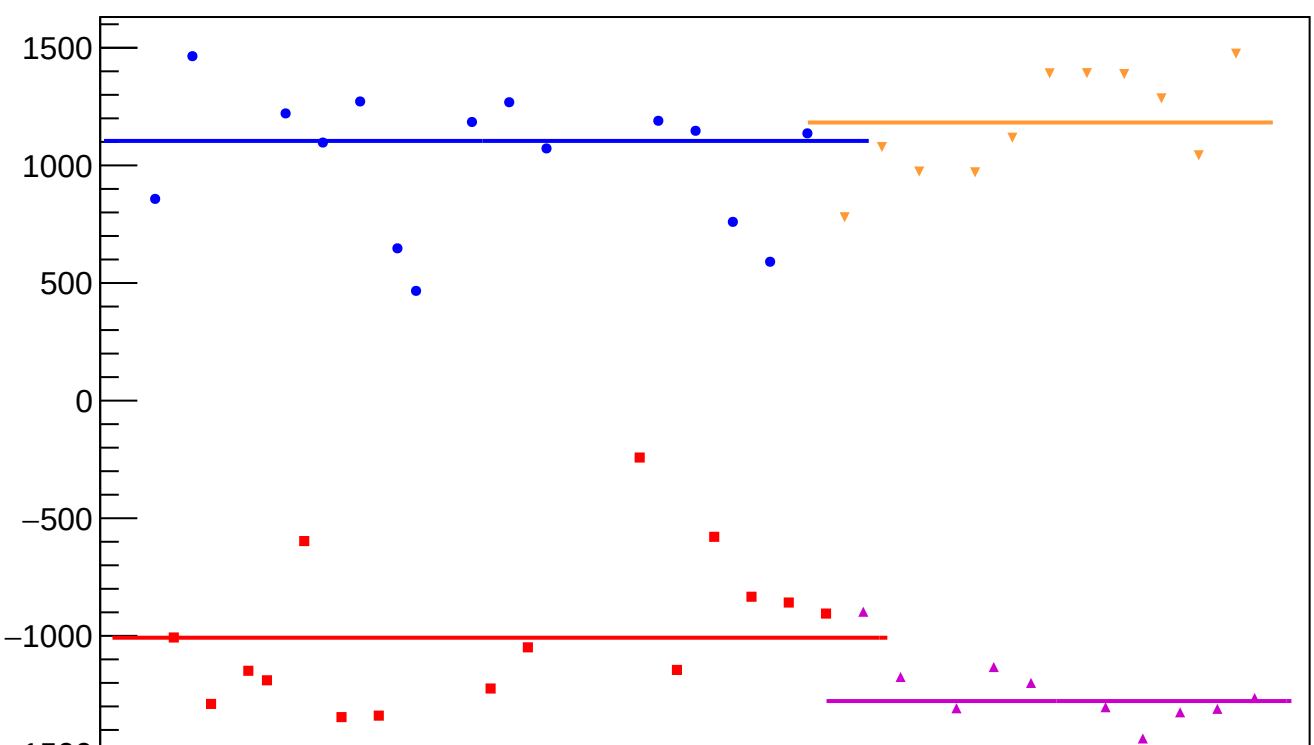
Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Out: 0.623+/-0.000 χ^2/NDF:91004165468701327 7

Left In: -193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

All: -12.677+/-0.000 χ^2/NDF: 175086374280

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -98.623+/-0.000 χ^2/NDF: 2747203039686591

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1182.447+/-0.000 χ^2/NDF:39401916671919600348661592701888626688.0/10

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

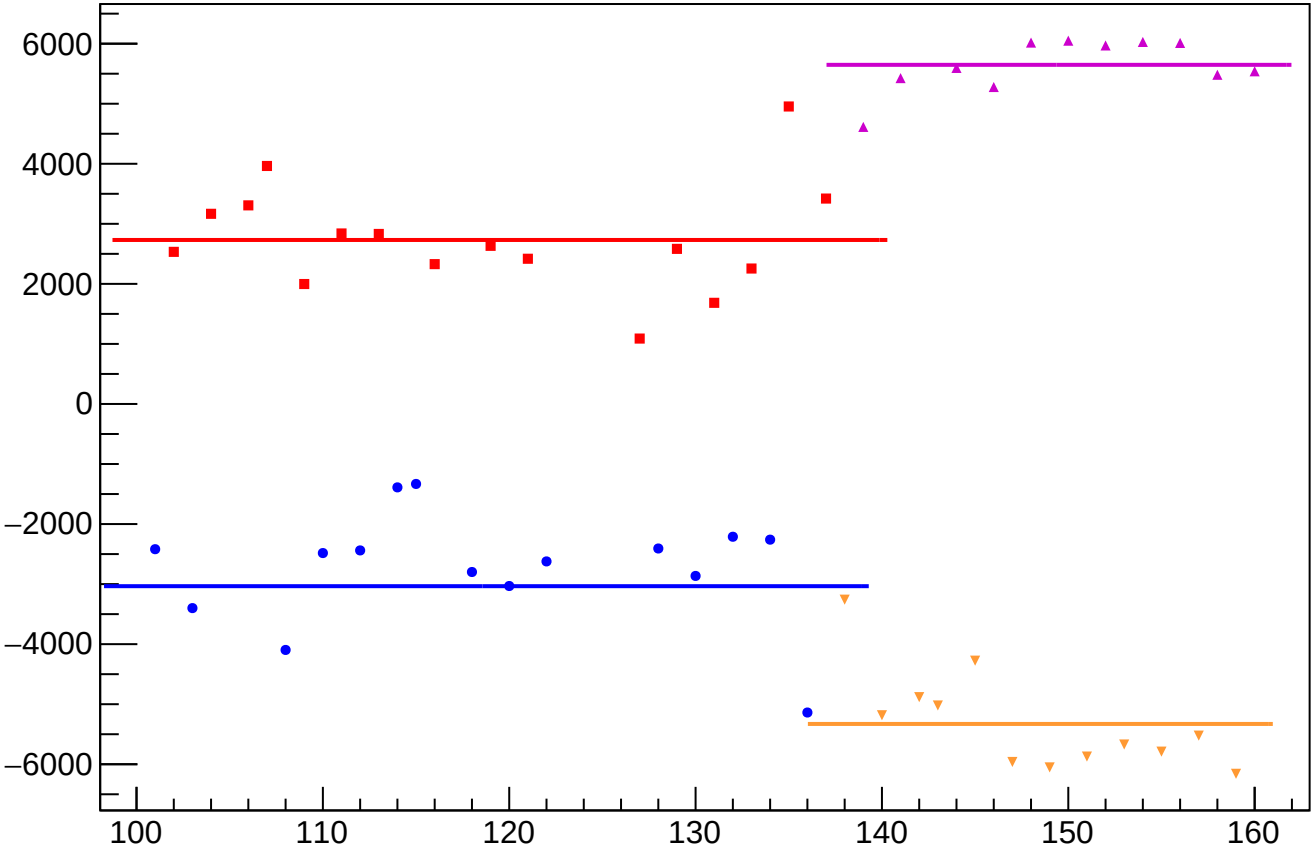
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 219.385+/-0.000 χ^2/NDF:1901508516691993

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

All: -42.286+/-0.000 χ^2/NDF: 432950679043

dit_usr_coil3_mean vs Slug, Sign Corrected



Left: 180.286+/-0.000 χ^2/NDF: 5623960543067202

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5328.796+/-0.000 χ^2/NDF:624360364489310892896763337628232712192.0/11

In: 2065.482+/-0.000 χ^2/NDF:295320427138250

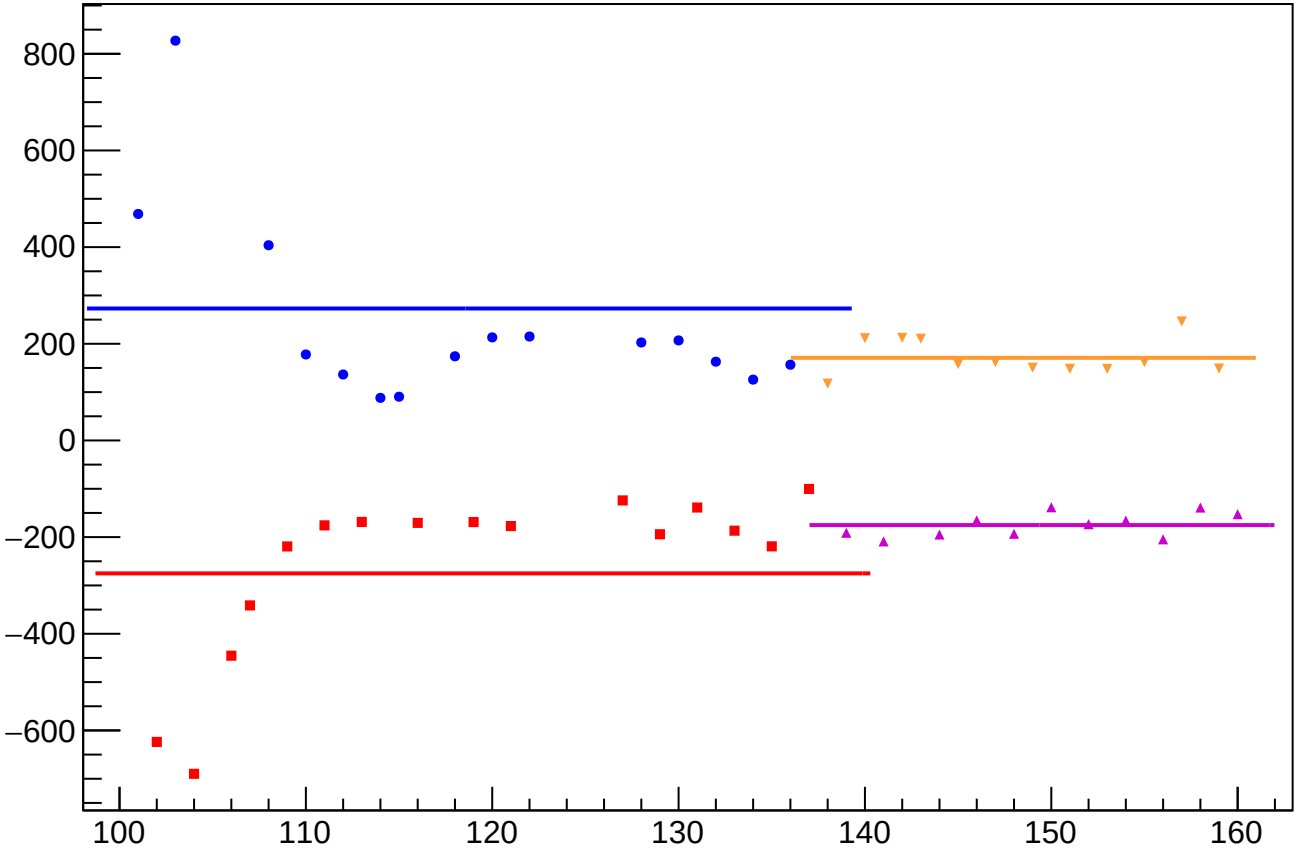
Right Out: 2731.035+/-0.000 χ^2/NDF: 528290847703567991555694629239211950080.0/15

Out: -1934.916+/-0.000 χ^2/NDF:26236367057963

Left In: 5647.632+/-0.000 χ^2/NDF:164214312908035645215126356935491715072.0/10

All: 58.314+/-0.000 χ^2/NDF: 6839876914332

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Left: -2.730+/-0.000 χ^2/NDF: 56821332541479007

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 170.956+/-0.000 χ^2/NDF:1172503860973970615331214508834160640.0/11

In: 9.796+/-0.000 χ^2/NDF:103580260160227709

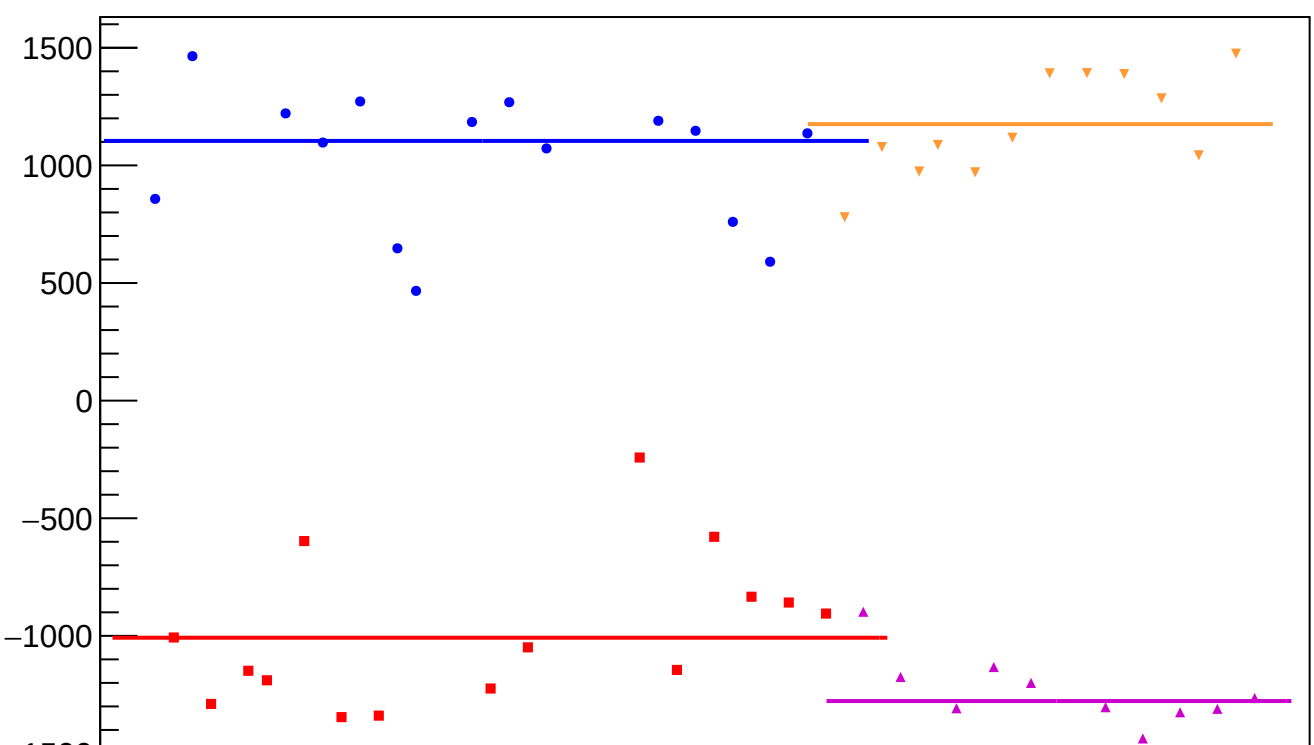
Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Out: -16.848+/-0.000 χ^2/NDF:1002457648325207

Left In: -175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

All: -3.572+/-0.000 χ^2/NDF: 2043863140361

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

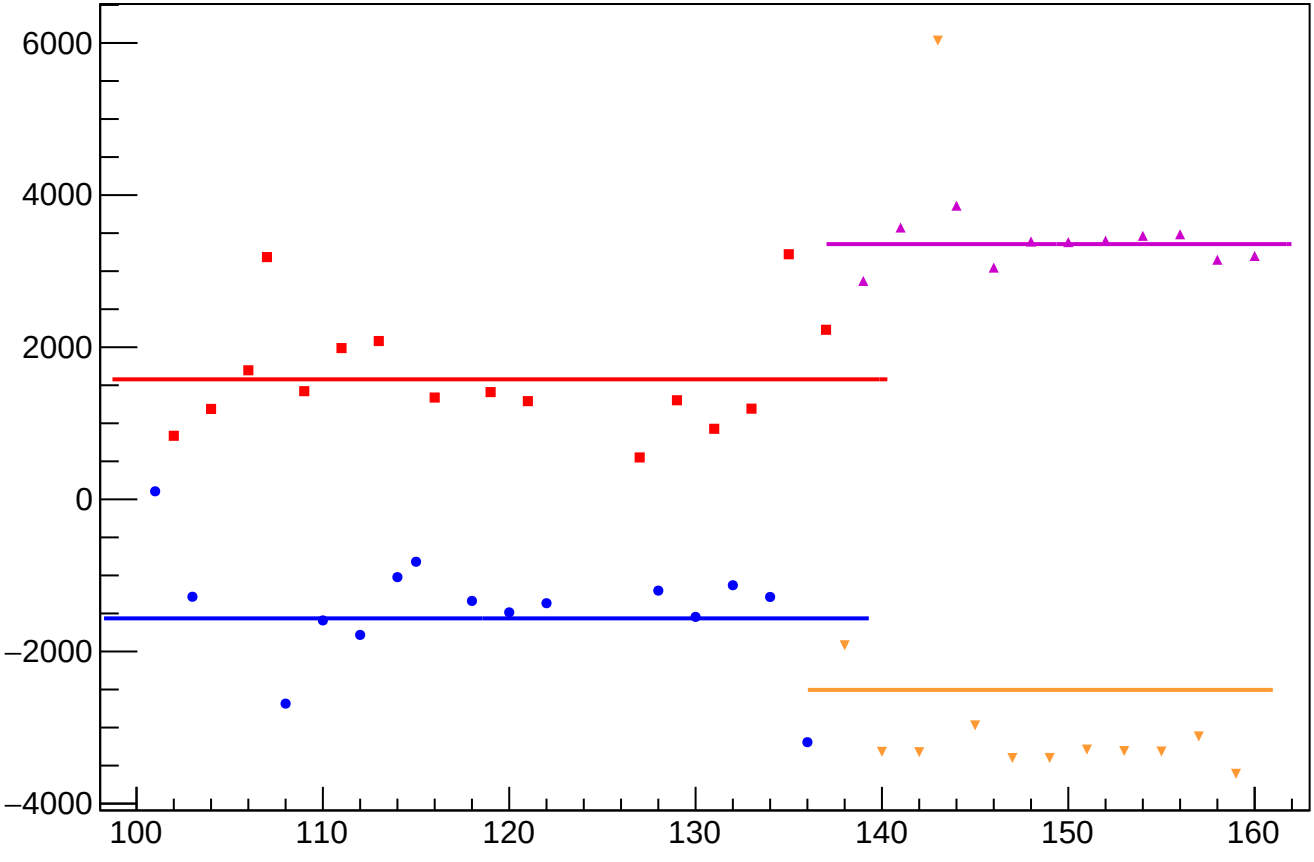
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

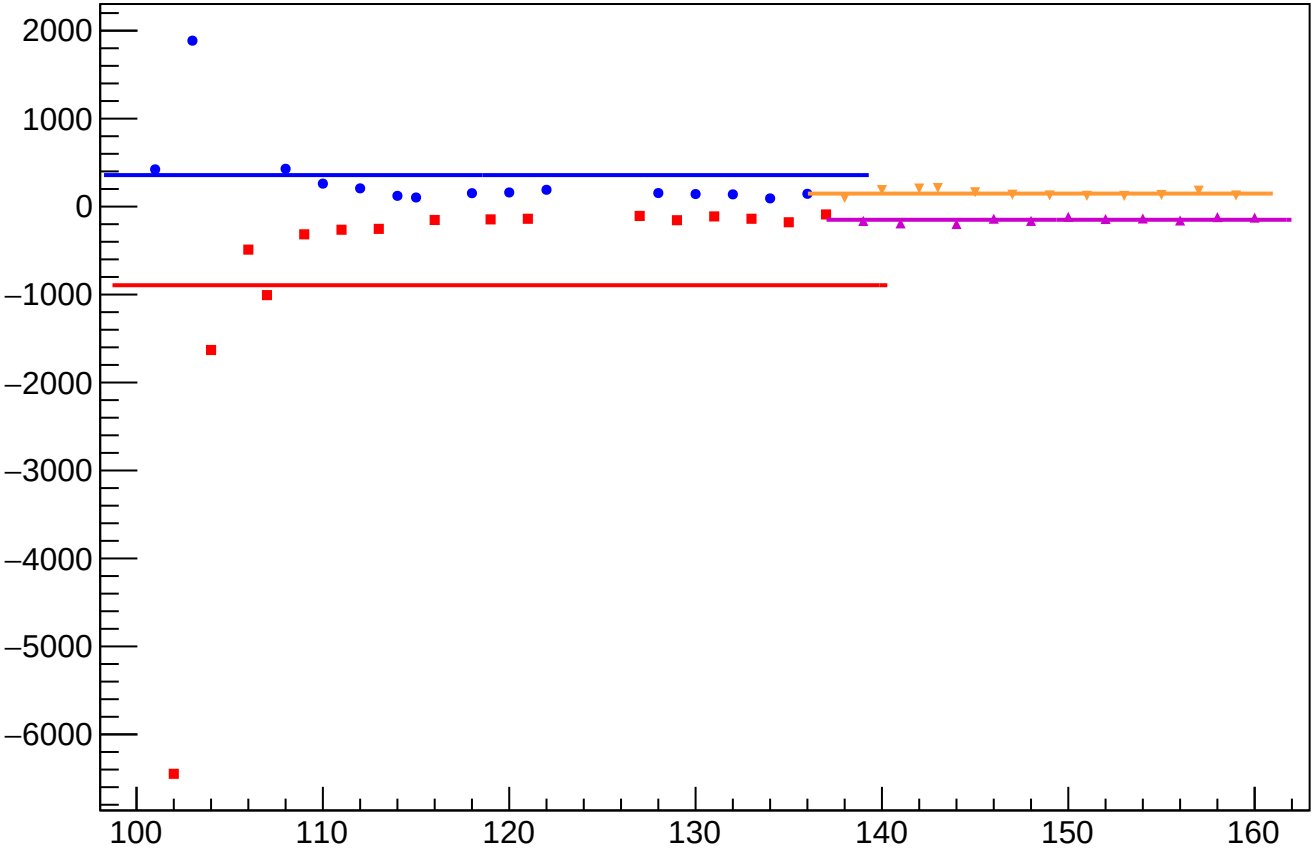
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atl1_coil3_mean vs Slug, Sign Corrected



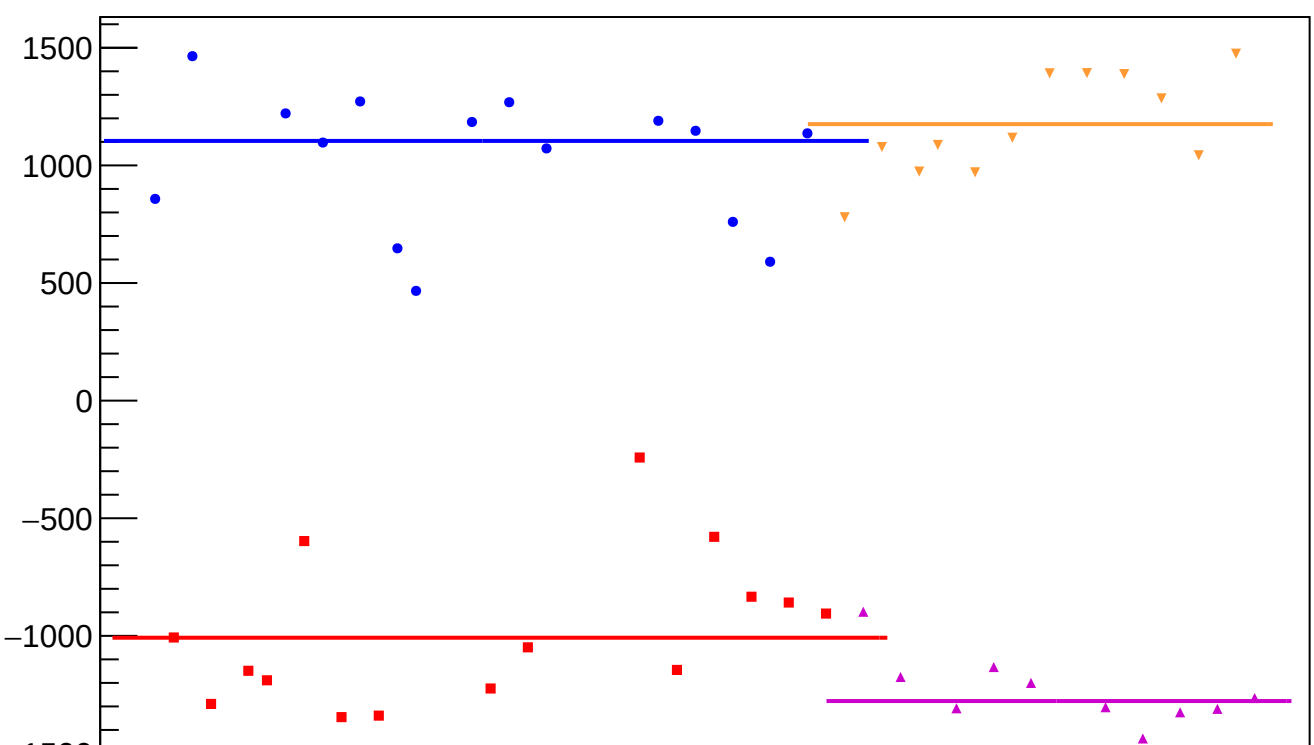
Left: 436.518+/-0.000 χ^2/NDF: 2129229946412922
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2504.960+/-0.000 χ^2/NDF:542249769761323021228329795240040228454 4.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 5
Right Out: 1578.178+/-0.000 χ^2/NDF: 368450572556217564071963203581098590208.0/15
Out: -785.608+/-0.000 χ^2/NDF:122286097015398
Left In: 3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10
All: 266.345+/-0.000 χ^2/NDF: 25521452375 3

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.543+/-0.000 χ^2/NDF: 42508644529911426
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 147.874+/-0.000 χ^2/NDF:1073020519575473807448825753294077952.0/11
In: 59.728+/-0.000 χ^2/NDF:25691507799210532
Right Out: -893.897+/-0.000 χ^2/NDF: 2075920155774201043572695656797803905024.0/15
Out: -290.801+/-0.000 χ^2/NDF:249606092655030
Left In: -149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10
All: -116.147+/-0.000 χ^2/NDF: 28499505144

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

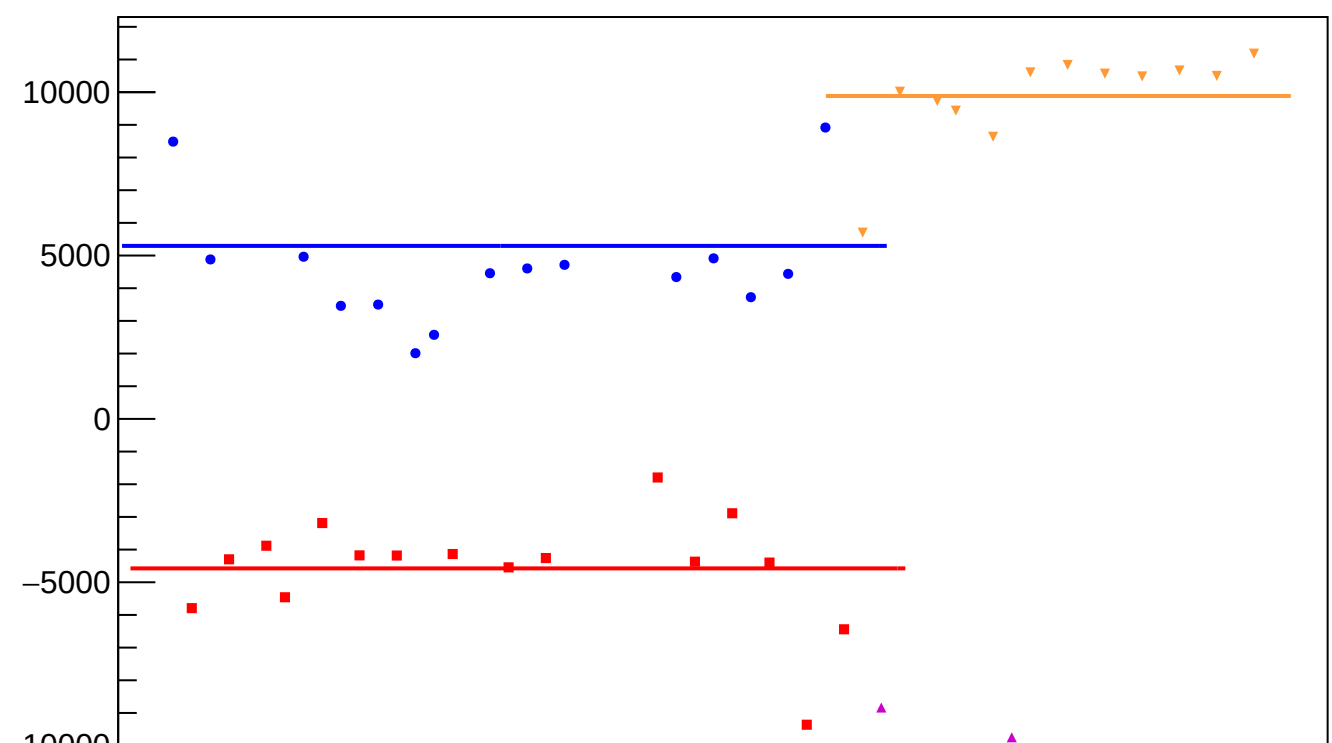
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Left Out: 9883.978+/-0.000 χ^2/NDF:190242889100524840855333644976504019353 6.0/11

Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

Left: -393.990+/-0.000 χ^2/NDF: 195376095713873

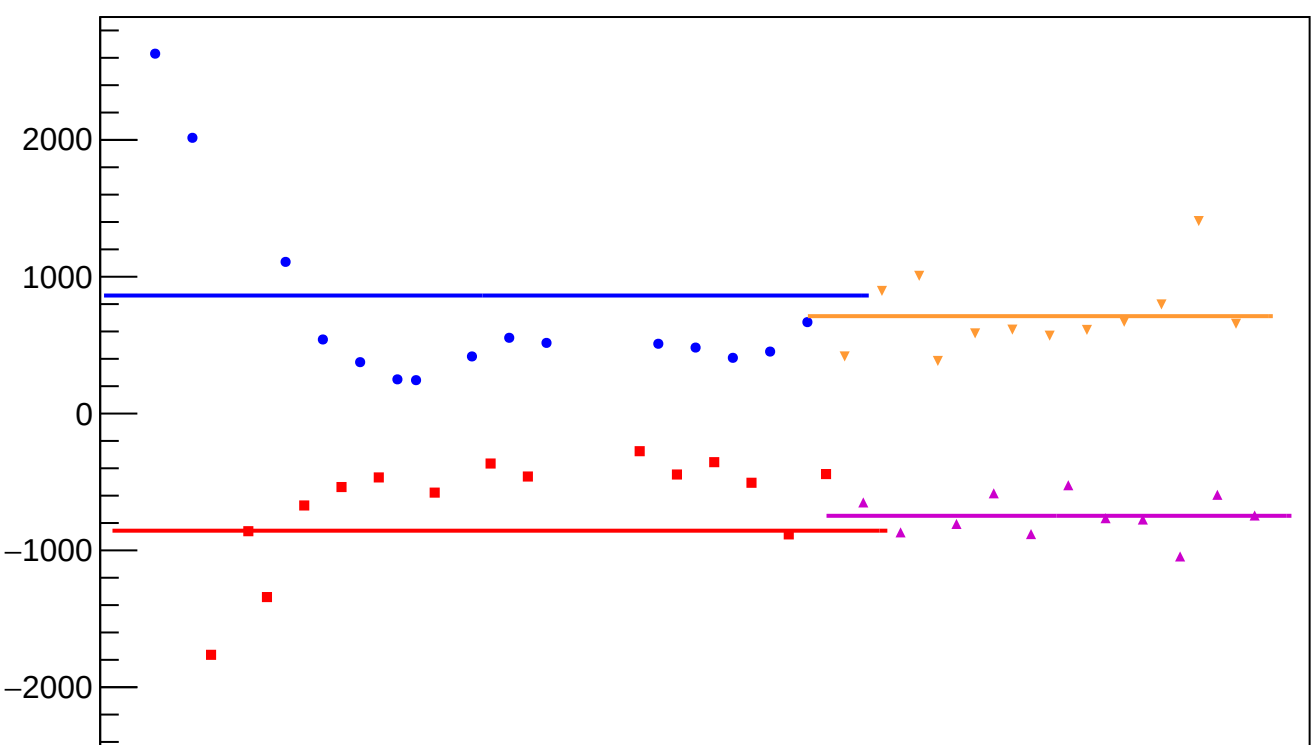
Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

Out: 3795.393+/-0.000 χ^2/NDF:844950893616626

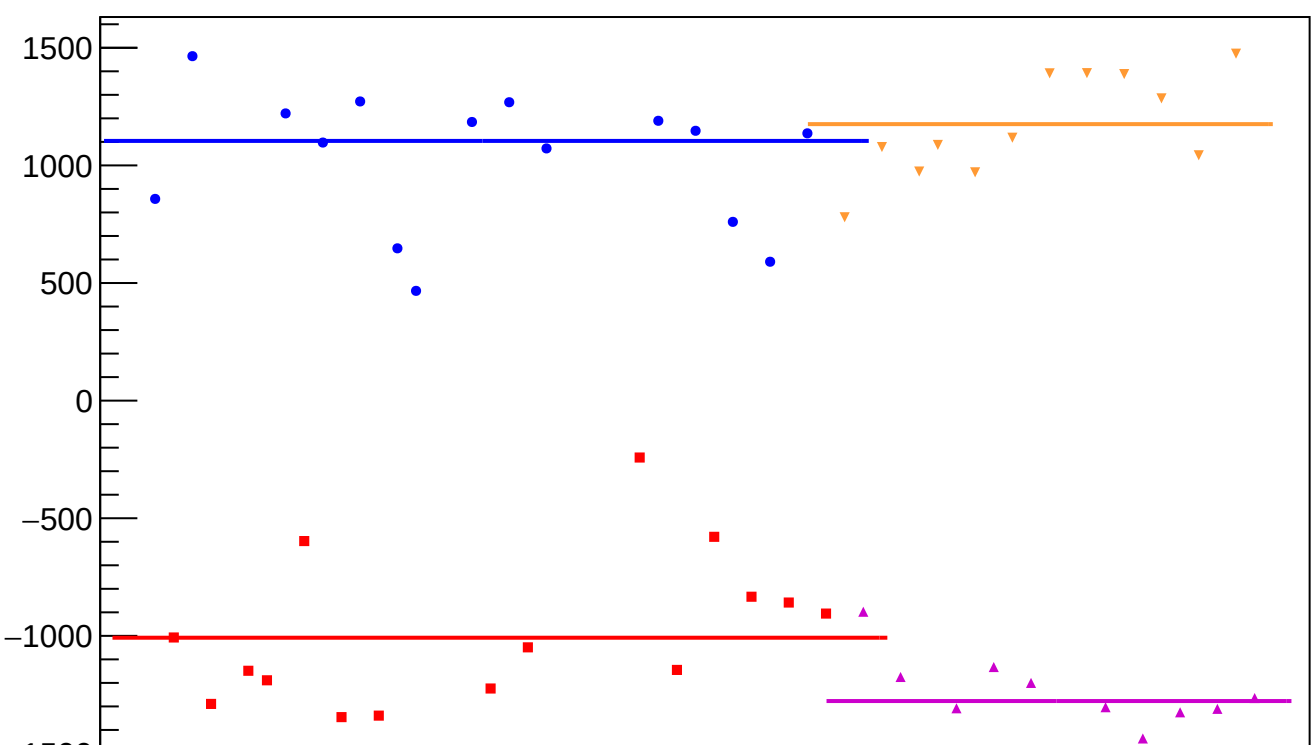
All: -107.783+/-0.000 χ^2/NDF: 23215590234

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Left: -20.470+/-0.000 χ^2/NDF: 1063996578023286
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 711.884+/-0.000 χ^2/NDF:6439250840462099200876193941770836377 6.0/11
In: -83.027+/-0.000 χ^2/NDF:13454995318402178
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: 51.646+/-0.000 χ^2/NDF:1340881297978957
Left In: -747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10
All: -15.456+/-0.000 χ^2/NDF: 270069498605

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

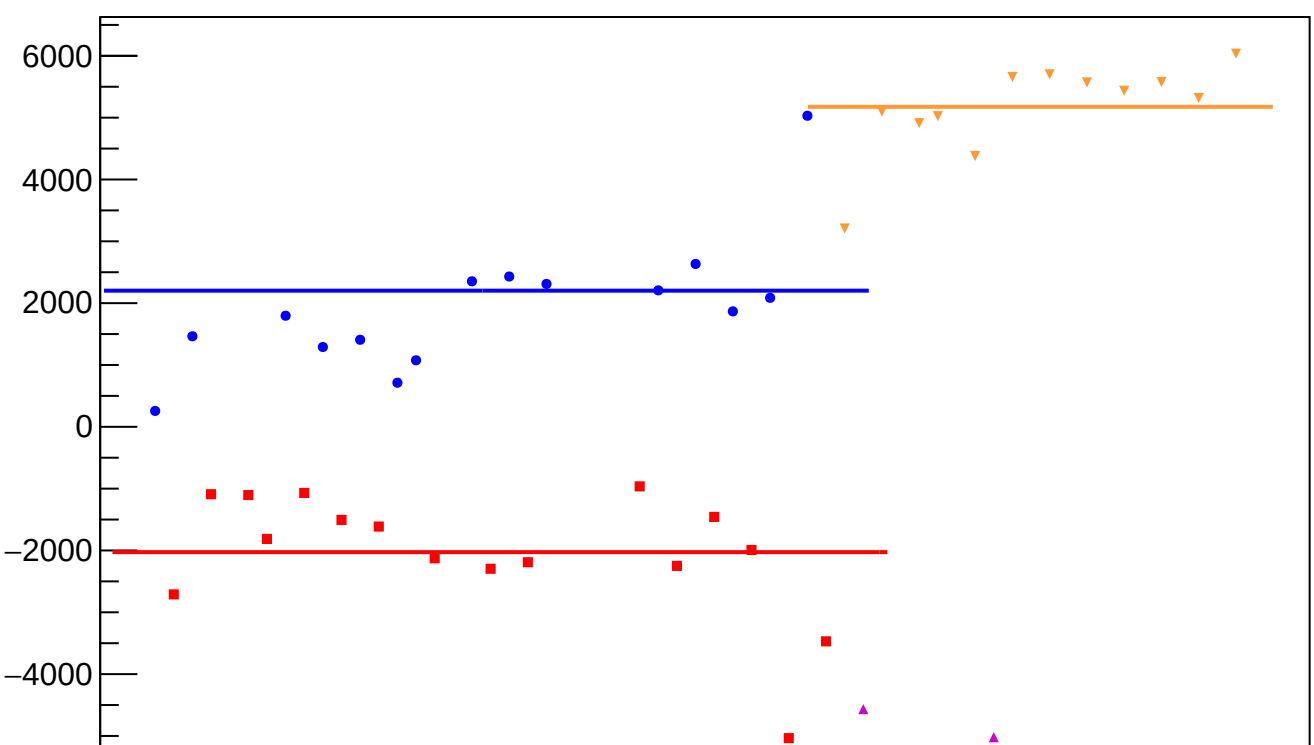
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

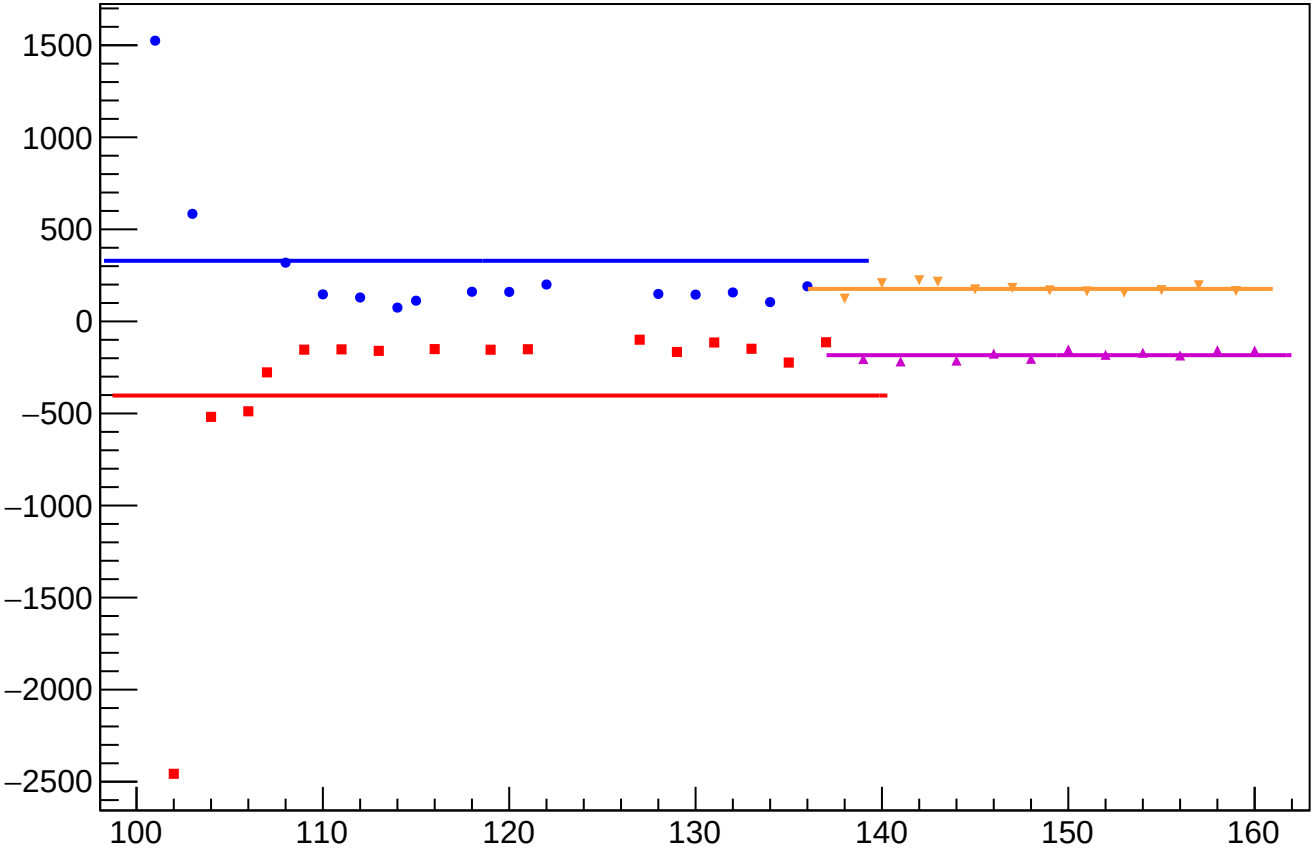
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atr1_coil3_mean vs Slug, Sign Corrected



Left: -171.867+/-0.000 χ^2/NDF: 528584918869395
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5175.489+/-0.000 χ^2/NDF:4911630823988612447776806044453222248192.0/11
In: -2309.812+/-0.000 χ^2/NDF:236998936360445
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 2142.635+/-0.000 χ^2/NDF:212307336274695
Left In: -5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10
All: -75.831+/-0.000 χ^2/NDF: 605767549584

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Left: -4.129+/-0.000 χ^2/NDF: 60681754653319006

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 176.521+/-0.000 χ^2/NDF:60395402064954280965784512077863321 6.0/11

In: 28.098+/-0.000 χ^2/NDF:20392521865557340

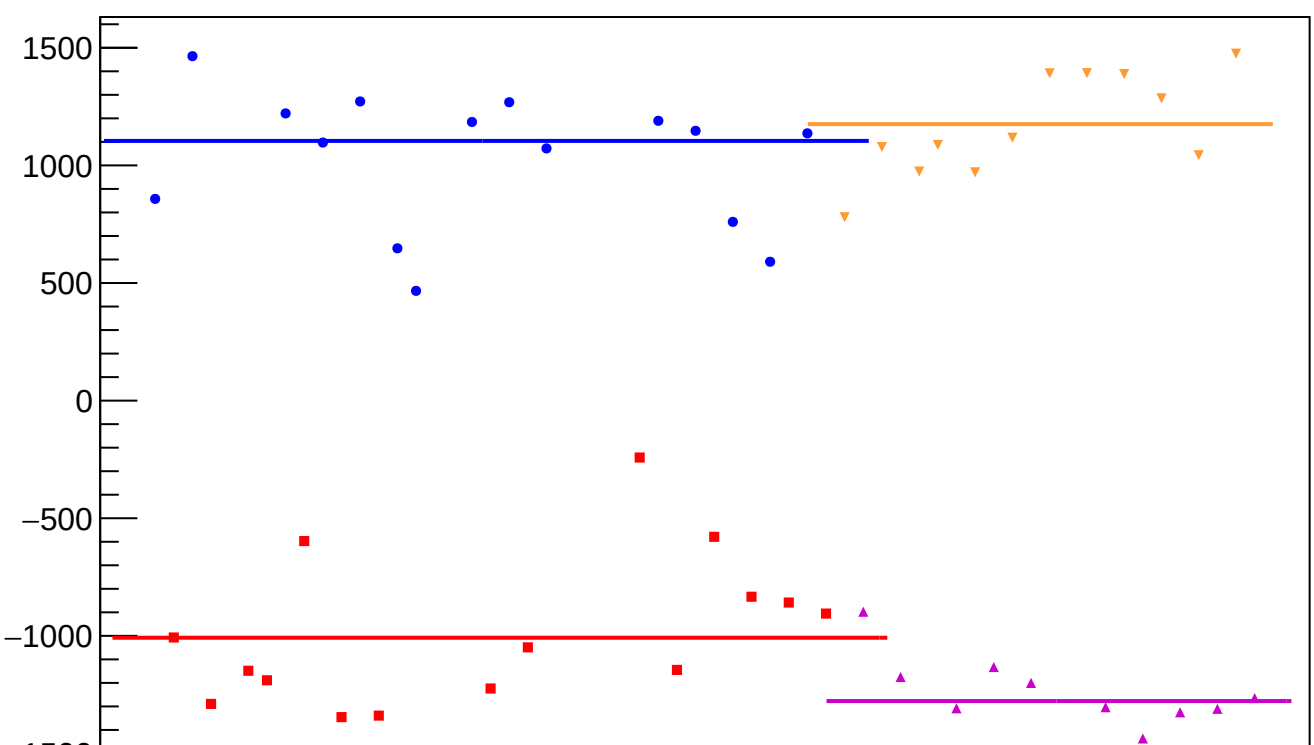
Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -67.377+/-0.000 χ^2/NDF:4077830022508483

Left In: -183.411+/-0.000 χ^2/NDF:45278981401827575163787553565730406 4.0/10

All: -19.806+/-0.000 χ^2/NDF: 618902446479

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Left Out: 1175.478+/-0.000 χ^2/NDF:39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:29578729901602647998073818936097374208.0/10

Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

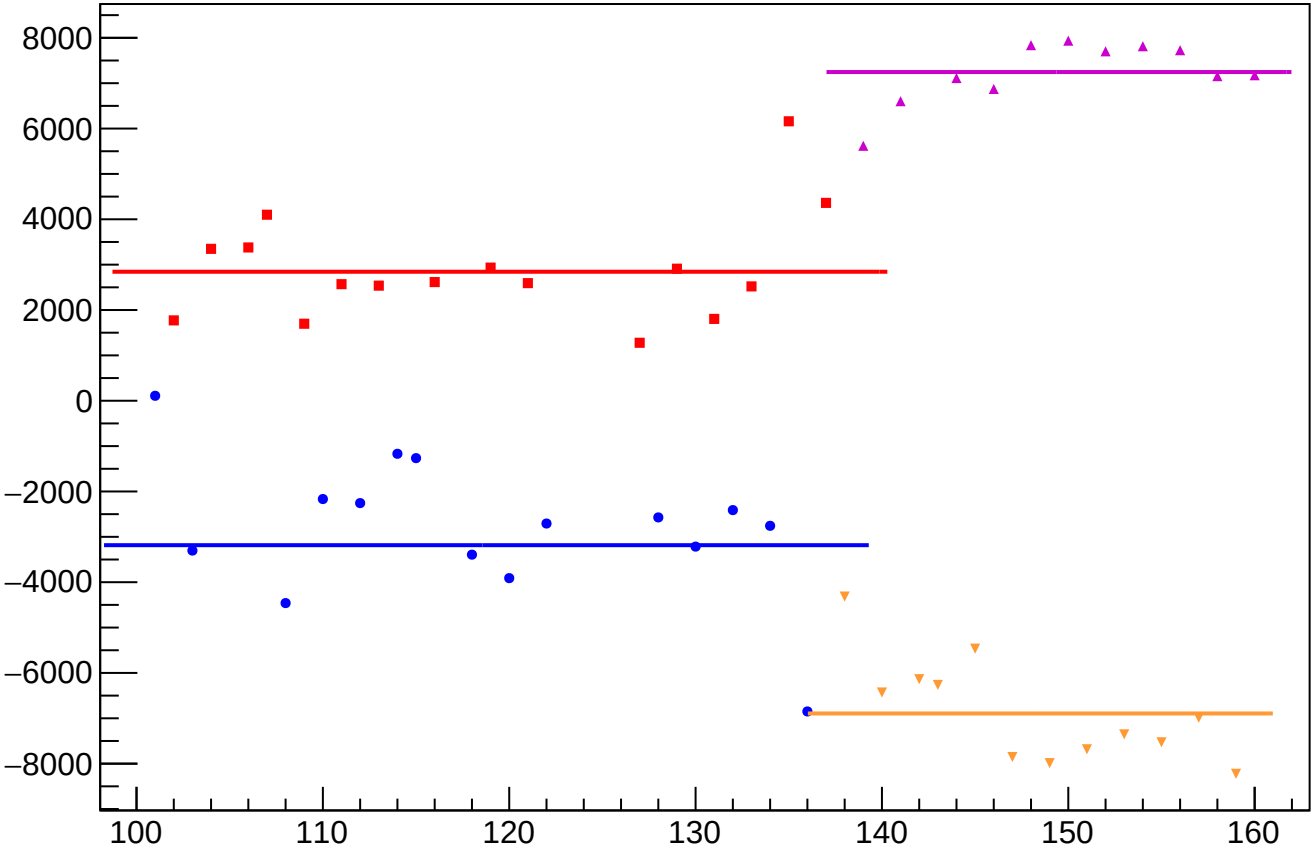
Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_atr2_coil3_mean vs Slug, Sign Corrected



Left: 203.020+/-0.000 χ^2/NDF: 9358372073550295

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6893.642+/-0.000 χ^2/NDF:116679699255139559190048971936861729587 2.0/11

In: 2942.696+/-0.000 χ^2/NDF:440076230139336 6

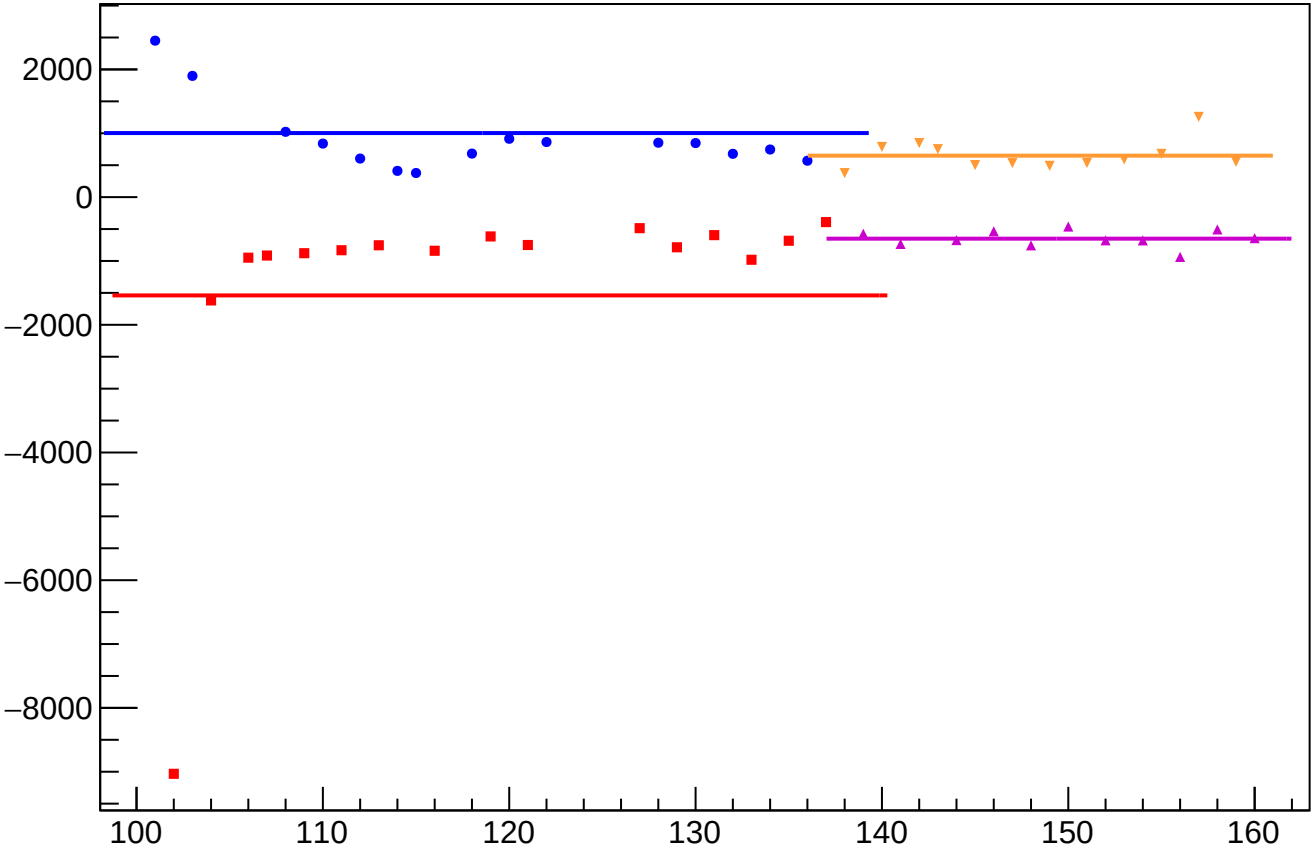
Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2793.428+/-0.000 χ^2/NDF:3872487637936 7

Left In: 7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

All: 64.640+/-0.000 χ^2/NDF: 1087009722996

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Left: -3.131+/-0.000 χ^2/NDF: 83891546678998356

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 649.450+/-0.000 χ^2/NDF:460645701363968551689380234551298621 44.0/11

In: 31.723+/-0.000 χ^2/NDF:12777531753239734 2

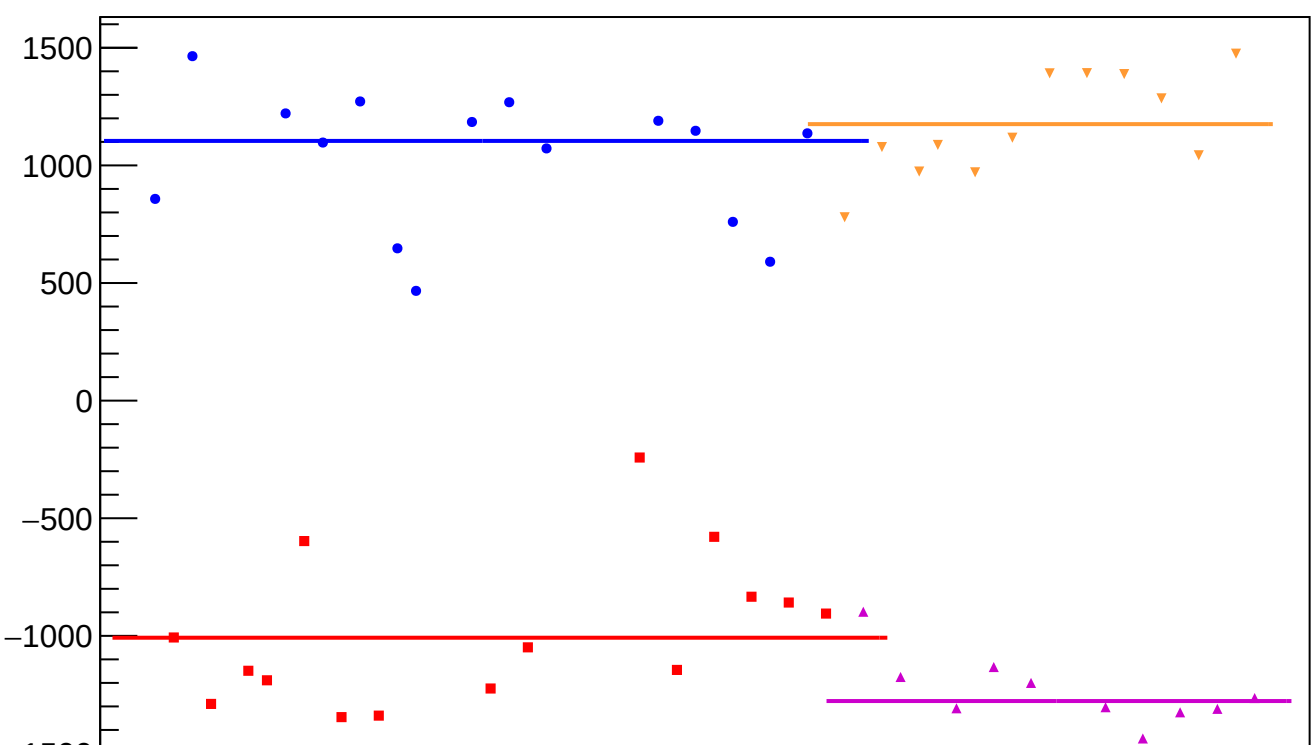
Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -272.314+/-0.000 χ^2/NDF:551112500200463

Left In: -650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

All: -120.825+/-0.000 χ^2/NDF: 68618344036

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

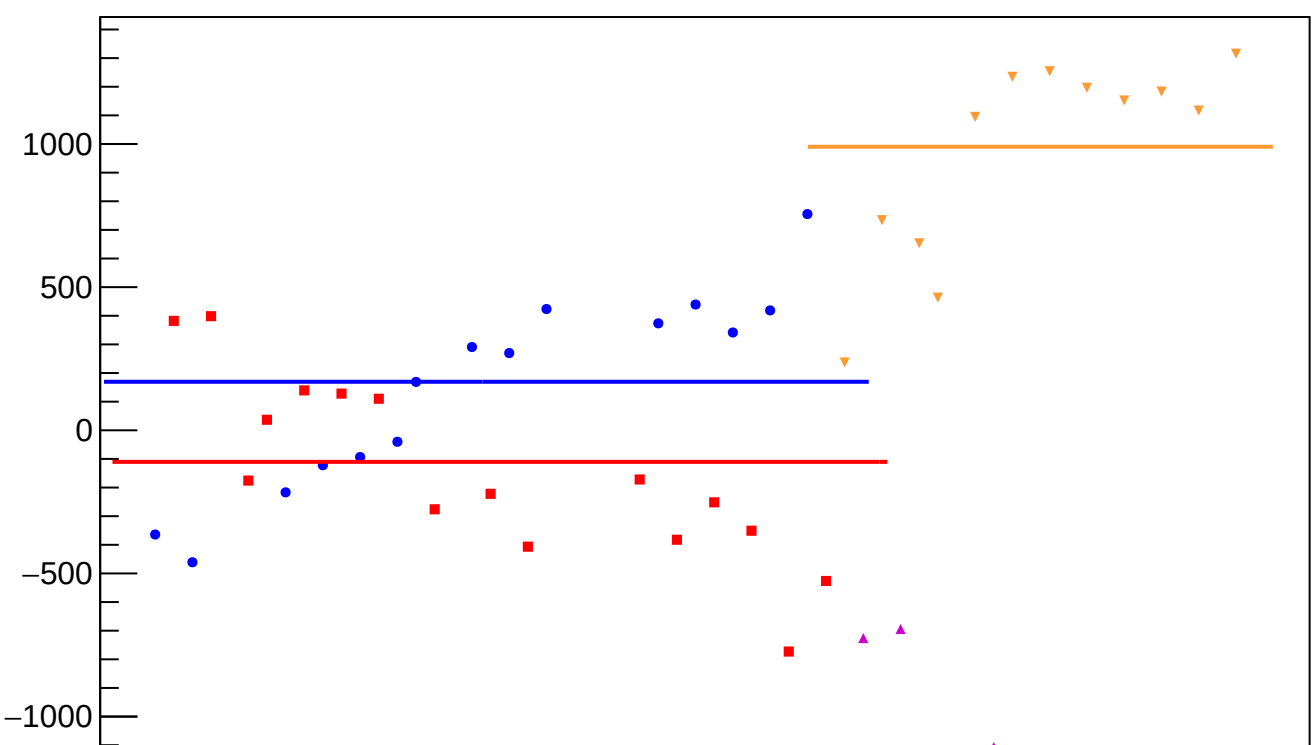
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam1_coil3_mean vs Slug, Sign Corrected



Left: -63.881+/-0.000 χ^2/NDF: 2168067590468857

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: 990.430+/-0.000 χ^2/NDF:1030909105316597543128825016539917844 48.0/11

In: -582.219+/-0.000 χ^2/NDF:753823645580336 4

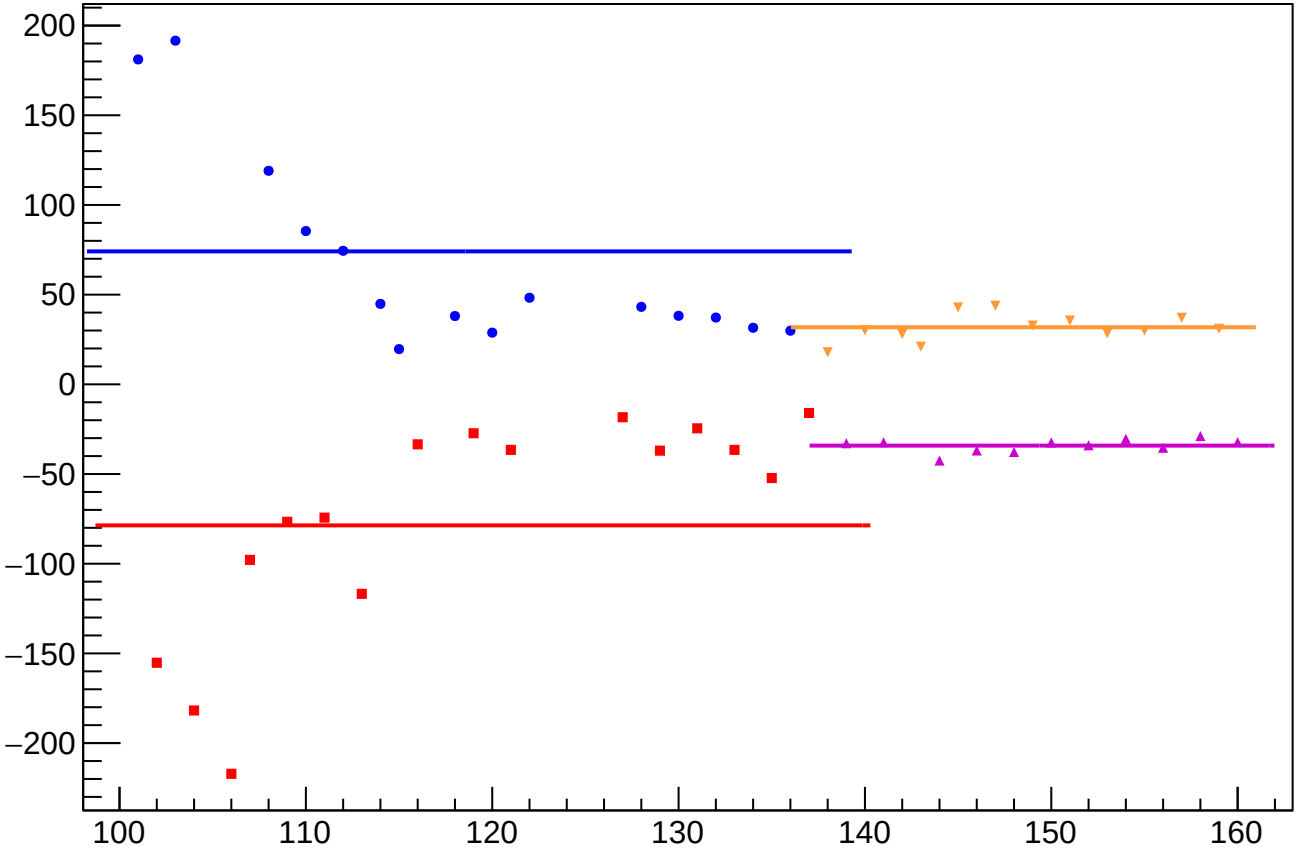
Right Out: -110.289+/-0.000 χ^2/NDF: 717707841020529385235927165084798812 16.0/15

Out: 526.933+/-0.000 χ^2/NDF:642696313962280 1

Left In: -1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

All: -25.711+/-0.000 χ^2/NDF: 236745671746

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Left: -1.299+/-0.000 χ^2/NDF: 20652209882891489

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.811+/-0.000 χ^2/NDF:497145027080743558045135334465863 68.0/11

In: 10.520+/-0.000 χ^2/NDF:66512492434564945 7

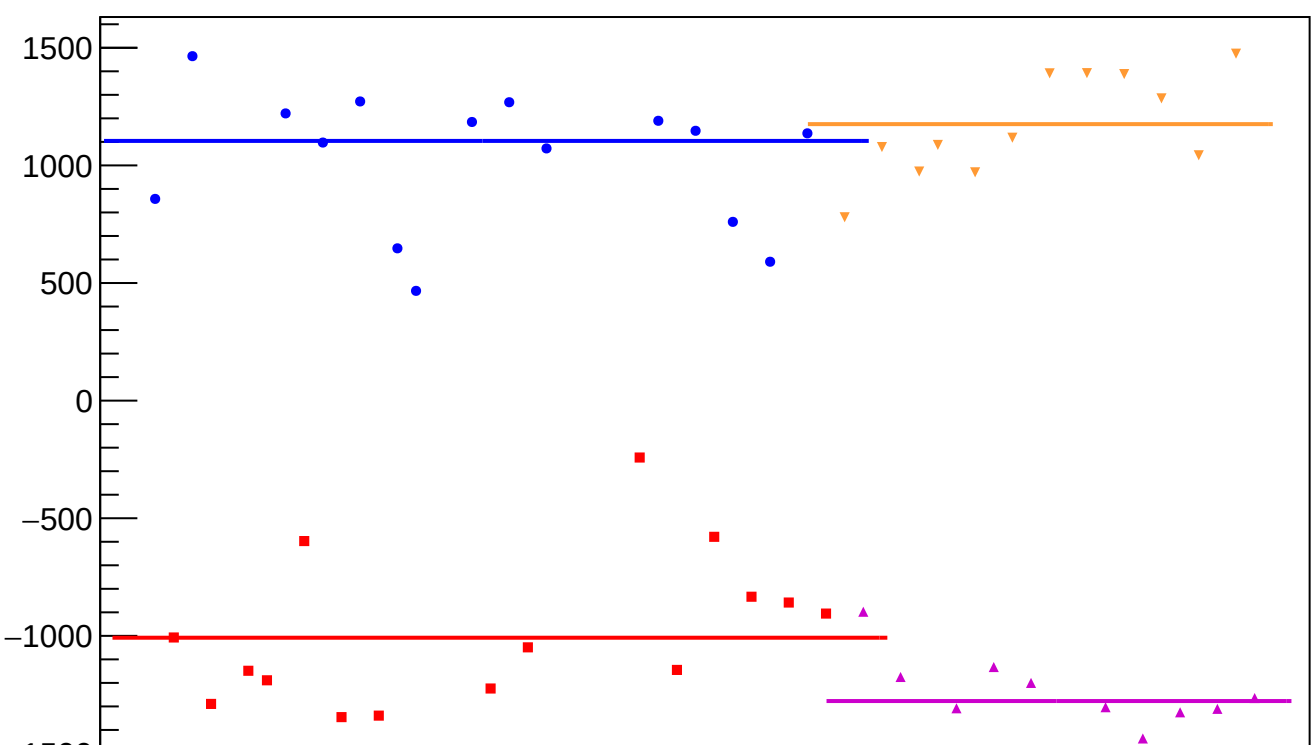
Right Out: -78.633+/-0.000 χ^2/NDF: 234323033687983063876767890353946624 0.0/15

Out: -14.695+/-0.000 χ^2/NDF:7102993372165986

Left In: -34.158+/-0.000 χ^2/NDF:125357817570968280380642442902241 28.0/10

All: -2.132+/-0.000 χ^2/NDF: 1425602893344

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

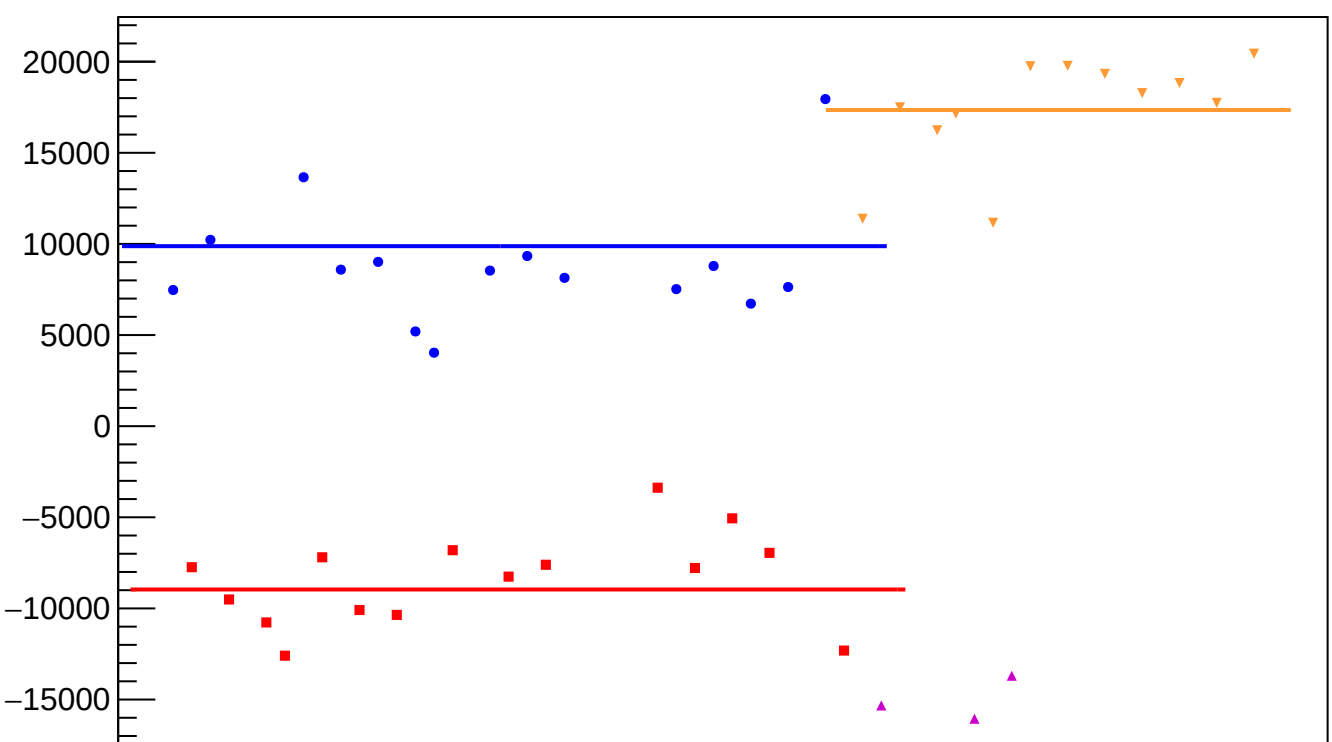
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam2_coil3_mean vs Slug, Sign Corrected



Left: -374.341+/-0.000 χ^2/NDF: 585622568661920

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17348.108+/-0.000 χ^2/NDF:82075481085961499217390301224955561695232.0/11

In: -6476.484+/-0.000 χ^2/NDF:307506960113677

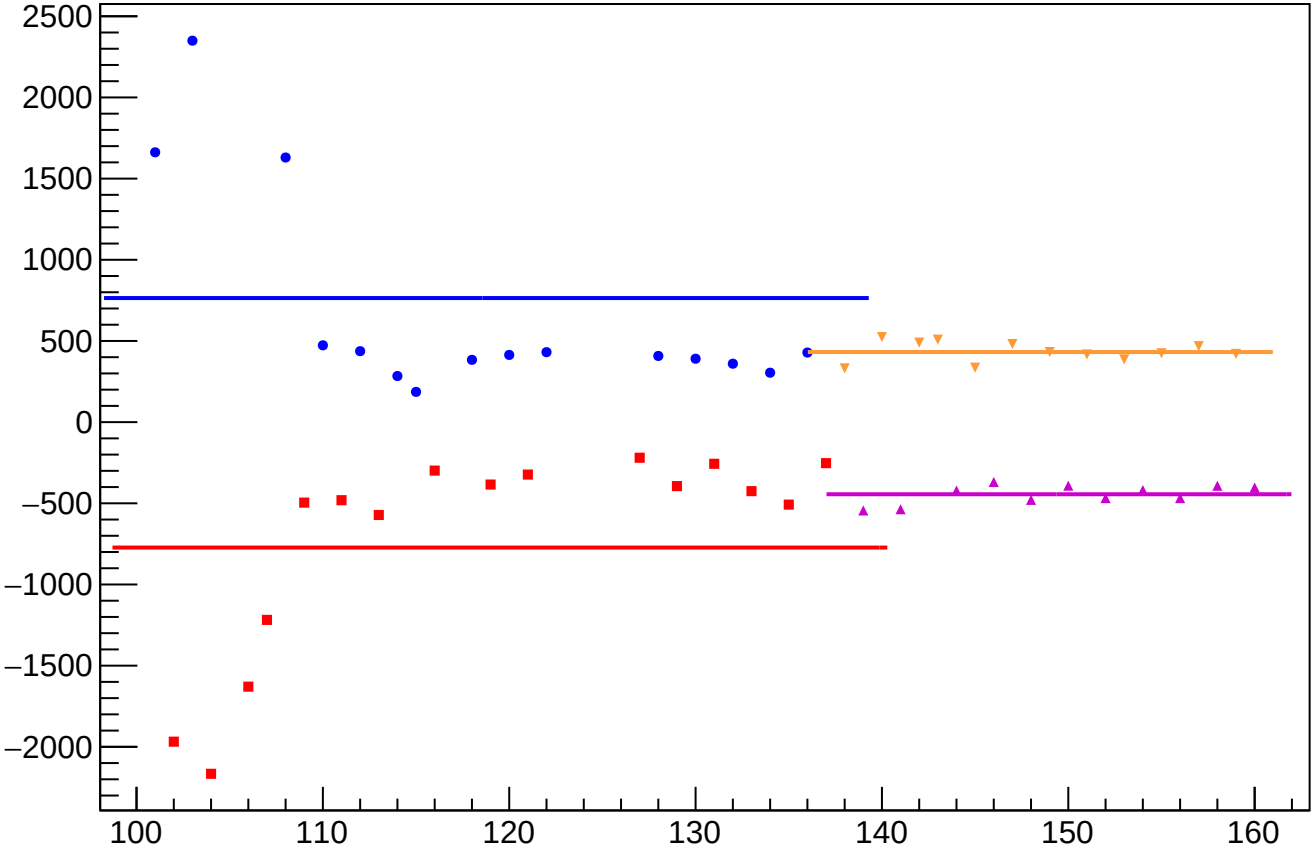
Right Out: -8961.593+/-0.000 χ^2/NDF: 75837286441464614273043208884083354501 12.0/15

Out: 6269.465+/-0.000 χ^2/NDF:283074559168666

Left In: -17962.529+/-0.000 χ^2/NDF:35646982911428111330433446882613175255 04.0/10

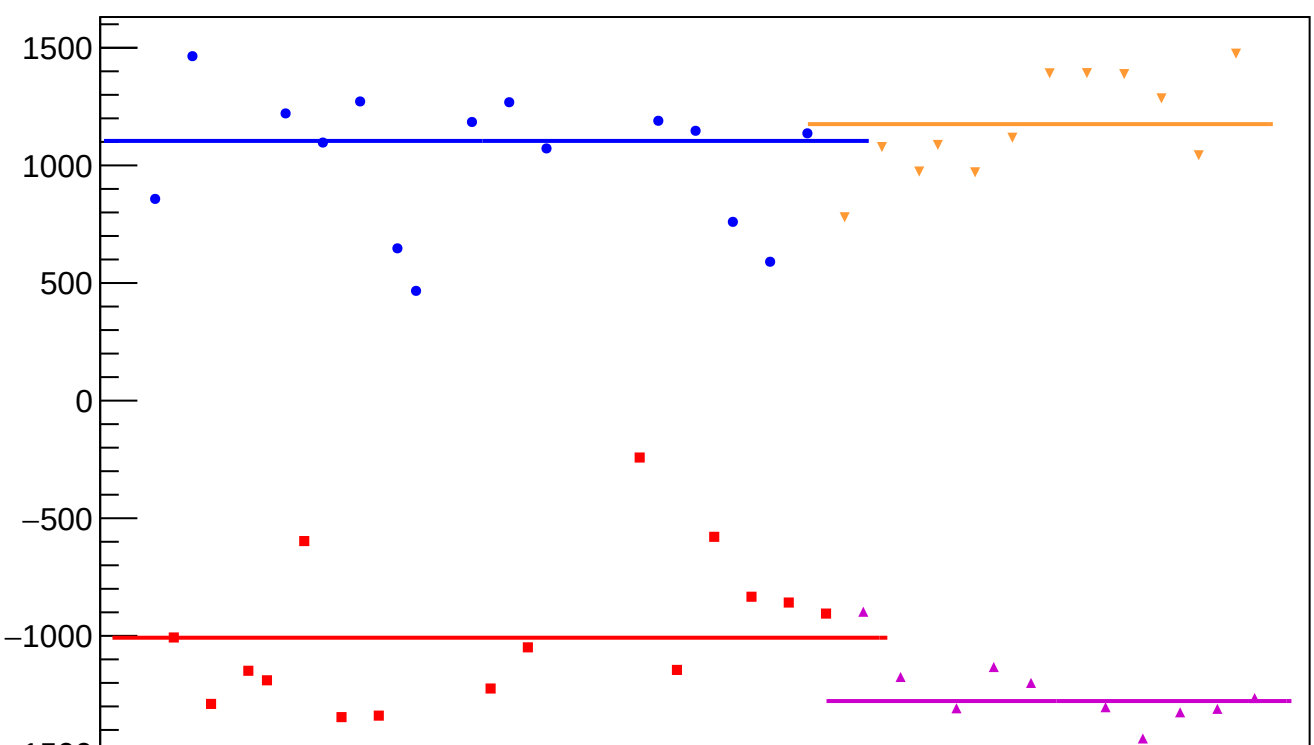
All: -81.304+/-0.000 χ^2/NDF: 718800894609

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Left: -7.957+/-0.000 χ^2/NDF: 35929144777263772
Right In: 764.284+/-0.000 χ^2/NDF: 290964758058269480005067205020030599168.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 431.662+/-0.000 χ^2/NDF:328042151415945122222291980456348876 8.0/11
In: 54.379+/-0.000 χ^2/NDF:85067486853551882 4
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -75.414+/-0.000 χ^2/NDF:8491258746078760
Left In: -444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124 1728.0/10
All: -10.743+/-0.000 χ^2/NDF: 171309640710

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

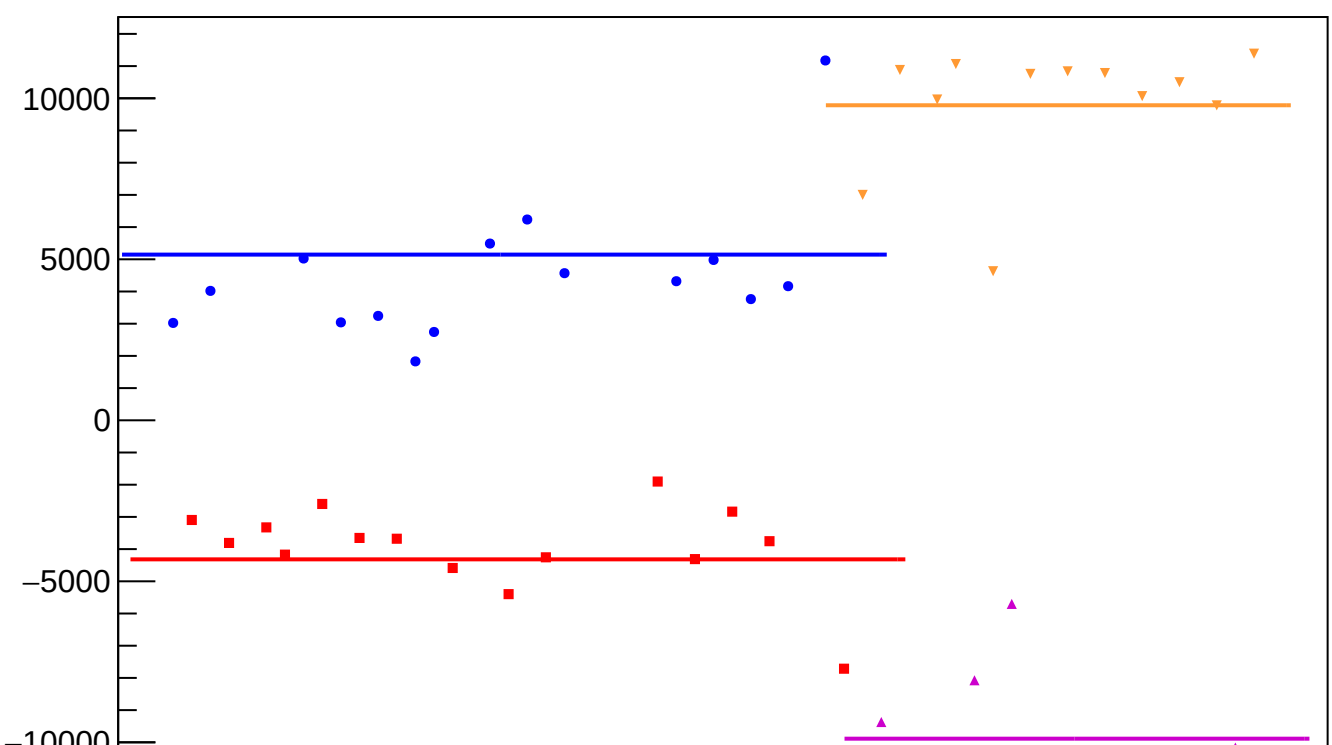
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam3_coil3_mean vs Slug, Sign Corrected



Left: -89.120+/-0.000 χ^2/NDF: 1838267625608147

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9783.623+/-0.000 χ^2/NDF:3463460967659182435053933688350532698112.0/11

In: -3684.756+/-0.000 χ^2/NDF:927030037862326

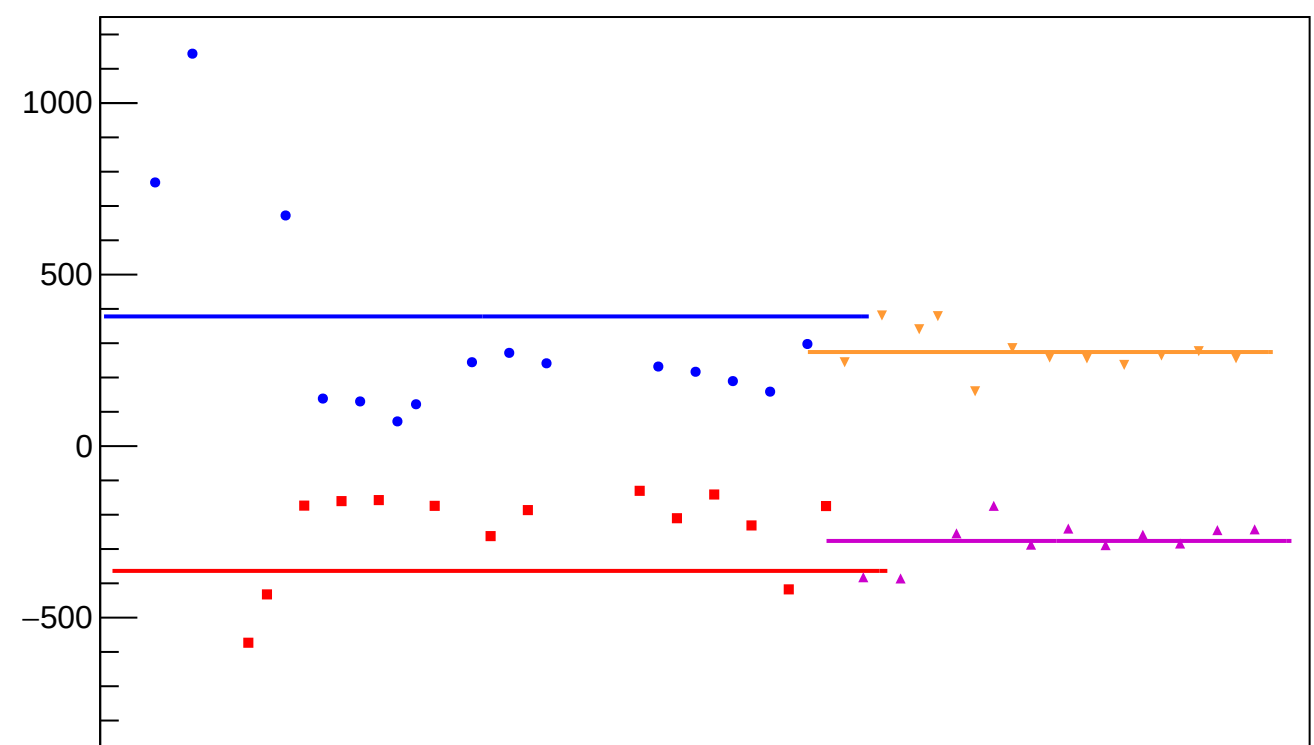
Right Out: -4318.126+/-0.000 χ^2/NDF: 3345176554564755427312533888908526616576.0/15

Out: 3845.576+/-0.000 χ^2/NDF:835953332241105

Left In: -9887.069+/-0.000 χ^2/NDF:2278516780225824082632420288802127347712.0/10

All: 93.529+/-0.000 χ^2/NDF: 2210529199103

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Left: -2.121+/-0.000 χ^2/NDF: 14597084399430561

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 274.281+/-0.000 χ^2/NDF:32108665703217245013068466707706675 20.0/11

In: -6.399+/-0.000 χ^2/NDF:22799172790938067 0

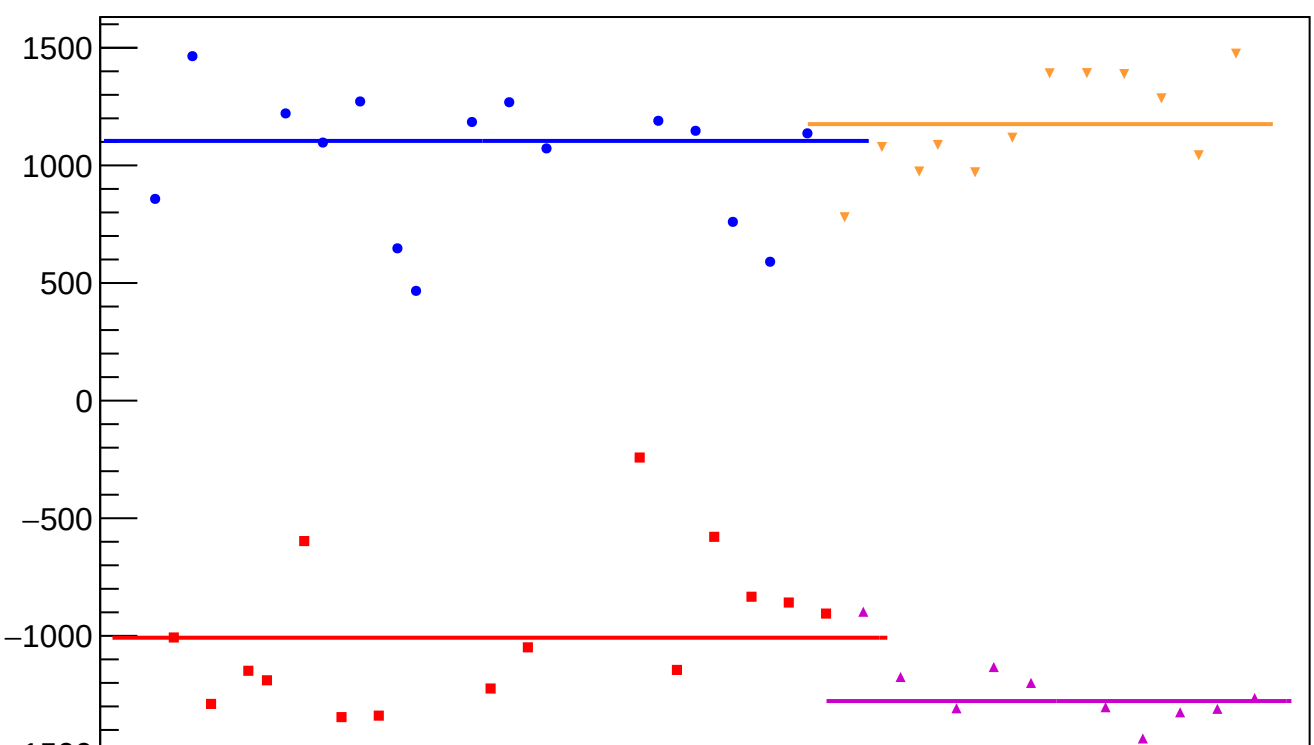
Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: 5.606+/-0.000 χ^2/NDF:21944271950927157 7

Left In: -276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

All: -0.376+/-0.000 χ^2/NDF: 4475481806747

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

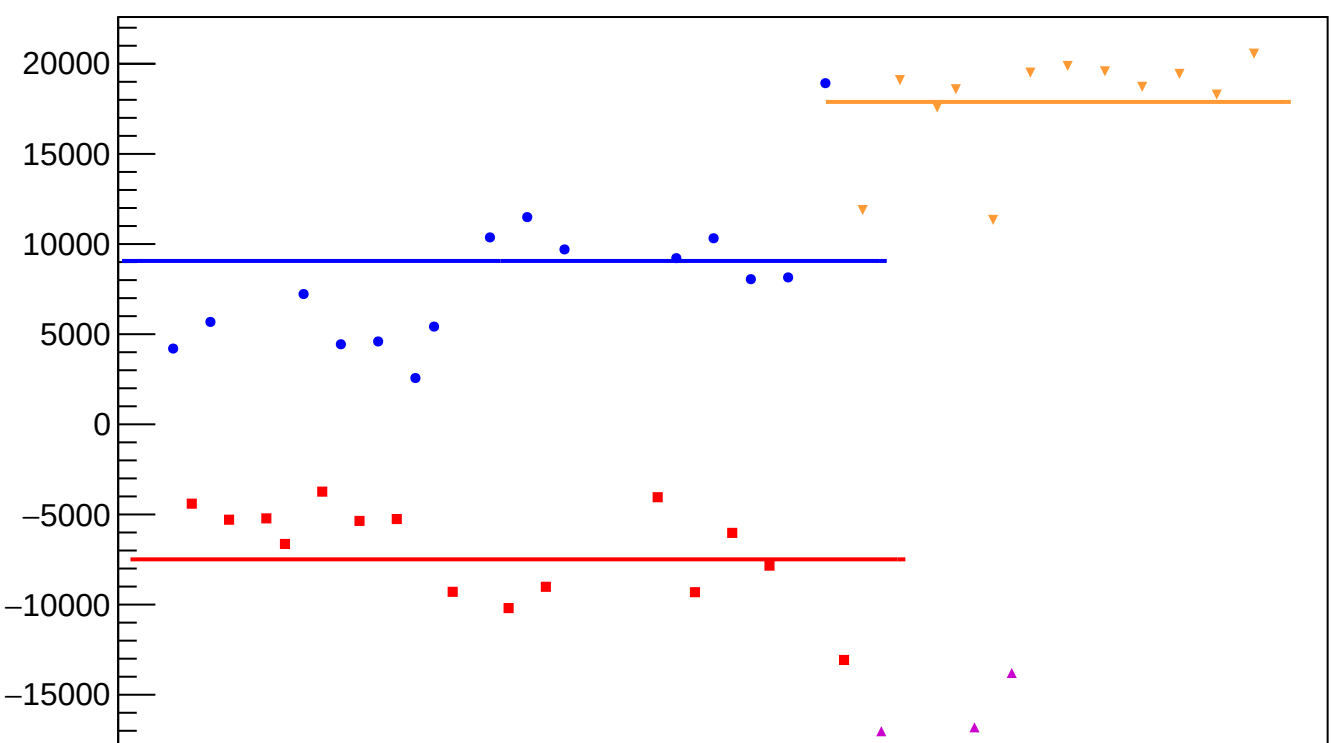
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

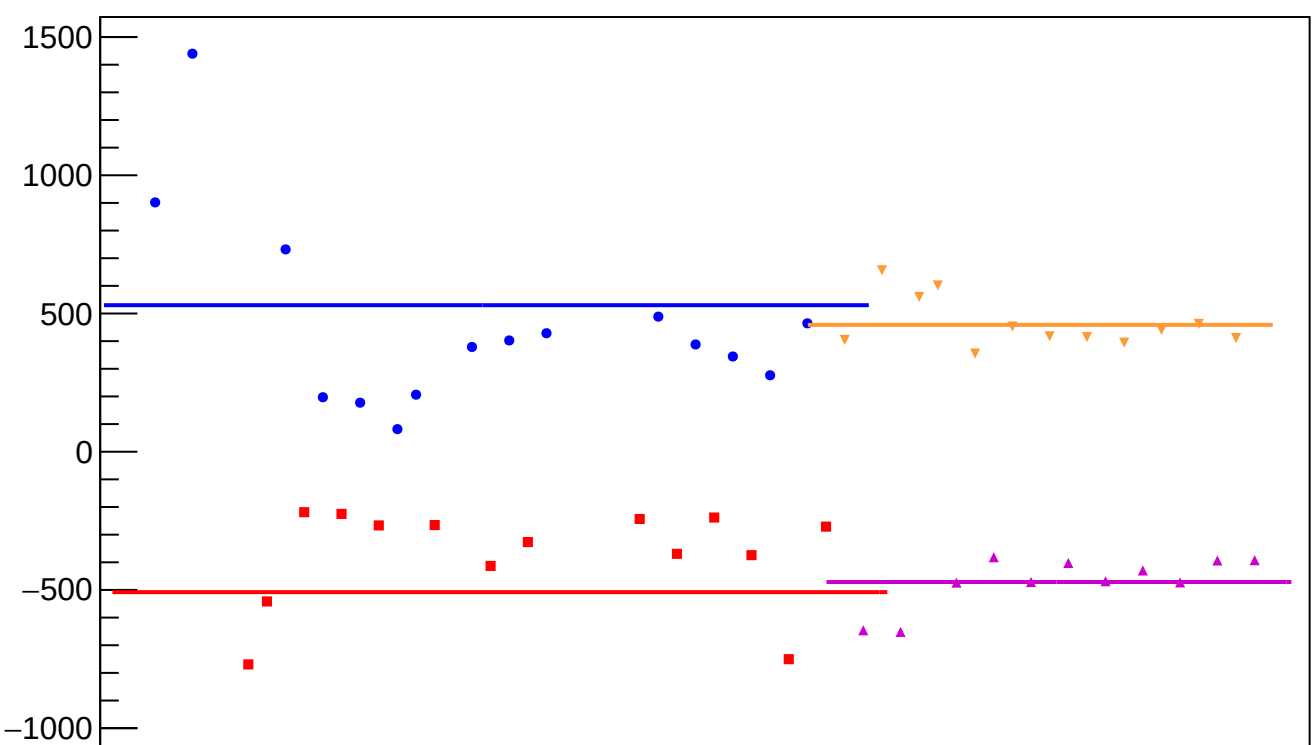
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam4_coil3_mean vs Slug, Sign Corrected



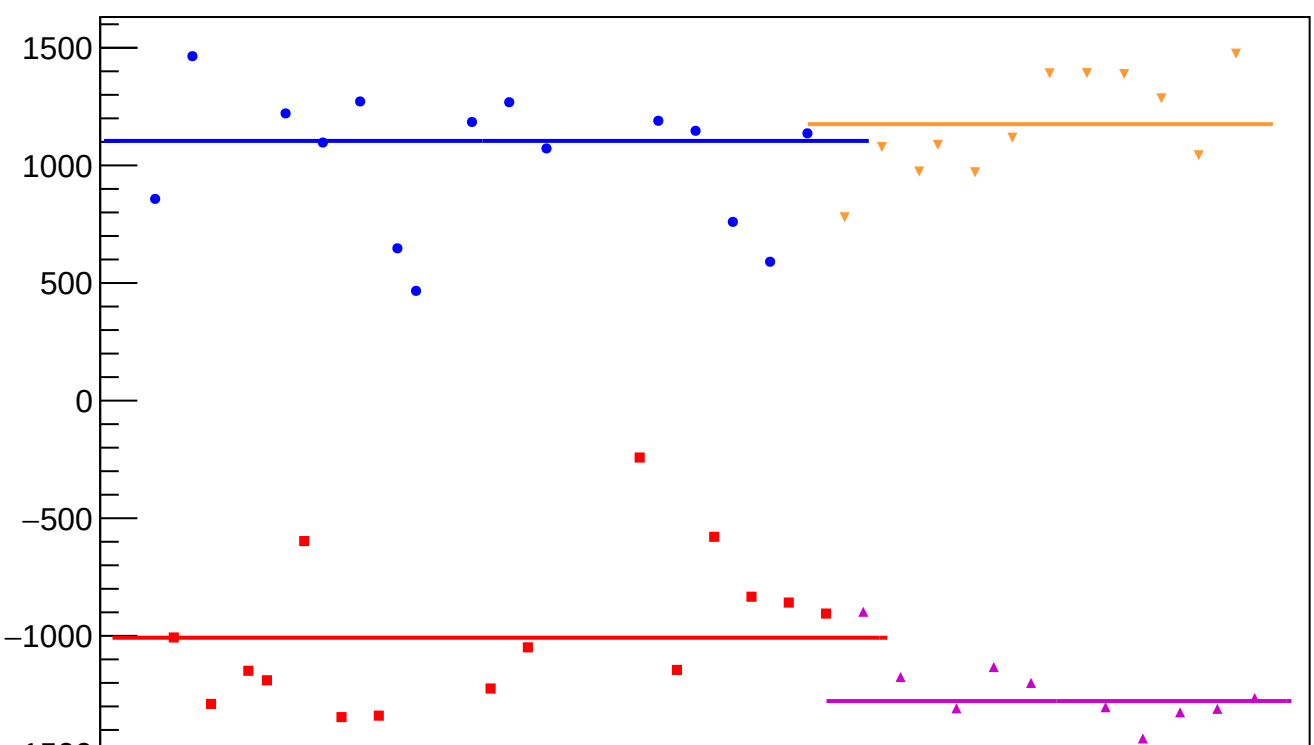
Left: -414.338+/-0.000 χ^2/NDF: 623213570824530
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17884.828+/-0.000 χ^2/NDF:8035777278860305028144675580255817170944.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 7199.785+/-0.000 χ^2/NDF:266772668705775
Left In: -18574.874+/-0.000 χ^2/NDF:3371752936319538414648384836142763081728.0/10
All: 38.953+/-0.000 χ^2/NDF: 7379784691052

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Left: -7.975+/-0.000 χ^2/NDF: 41252805716365190
Right In: 530.057+/-0.000 χ^2/NDF: 78754676063063255524046471751880671232.0/14
Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126
Left Out: 458.806+/-0.000 χ^2/NDF:69955215944898687471733662287333394944.0/11
In: -58.105+/-0.000 χ^2/NDF:46840539671479809
Right Out: -507.987+/-0.000 χ^2/NDF: 76689734698308464337881841969555046400.0/15
Out: 51.704+/-0.000 χ^2/NDF:44460214441514658
Left In: -471.219+/-0.000 χ^2/NDF:74459732191603362574677720110517452 80.0/10
All: -3.010+/-0.000 χ^2/NDF: 9225241672117

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

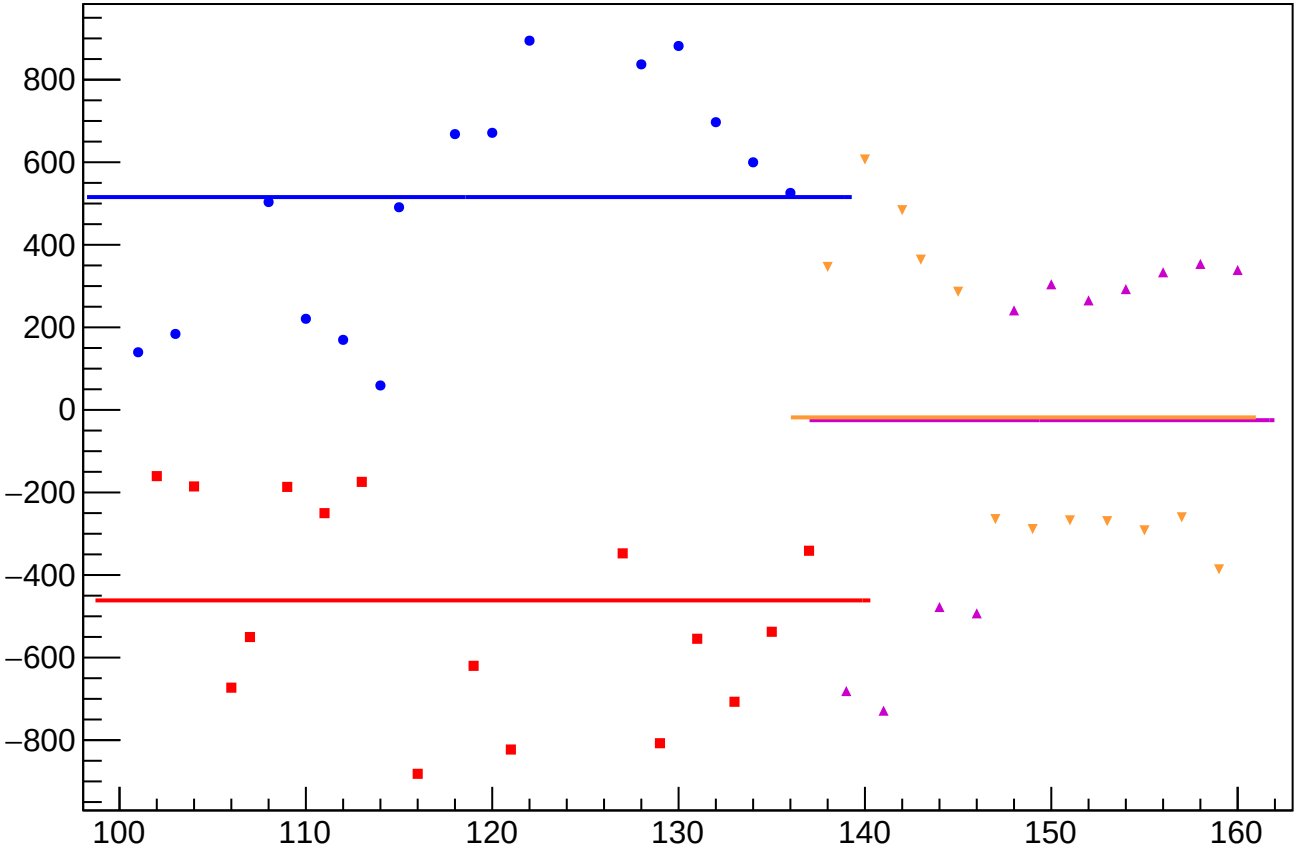
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

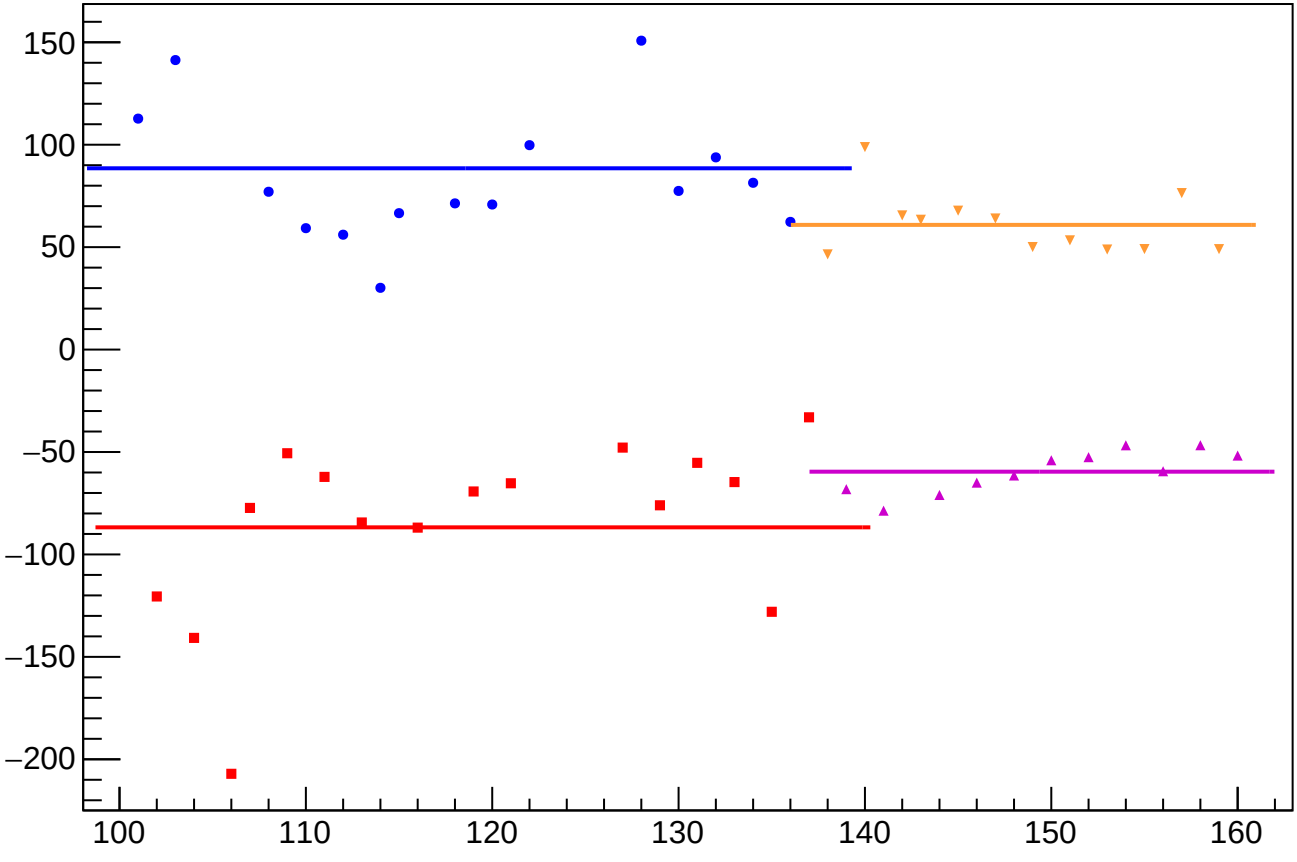
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam5_coil3_mean vs Slug, Sign Corrected



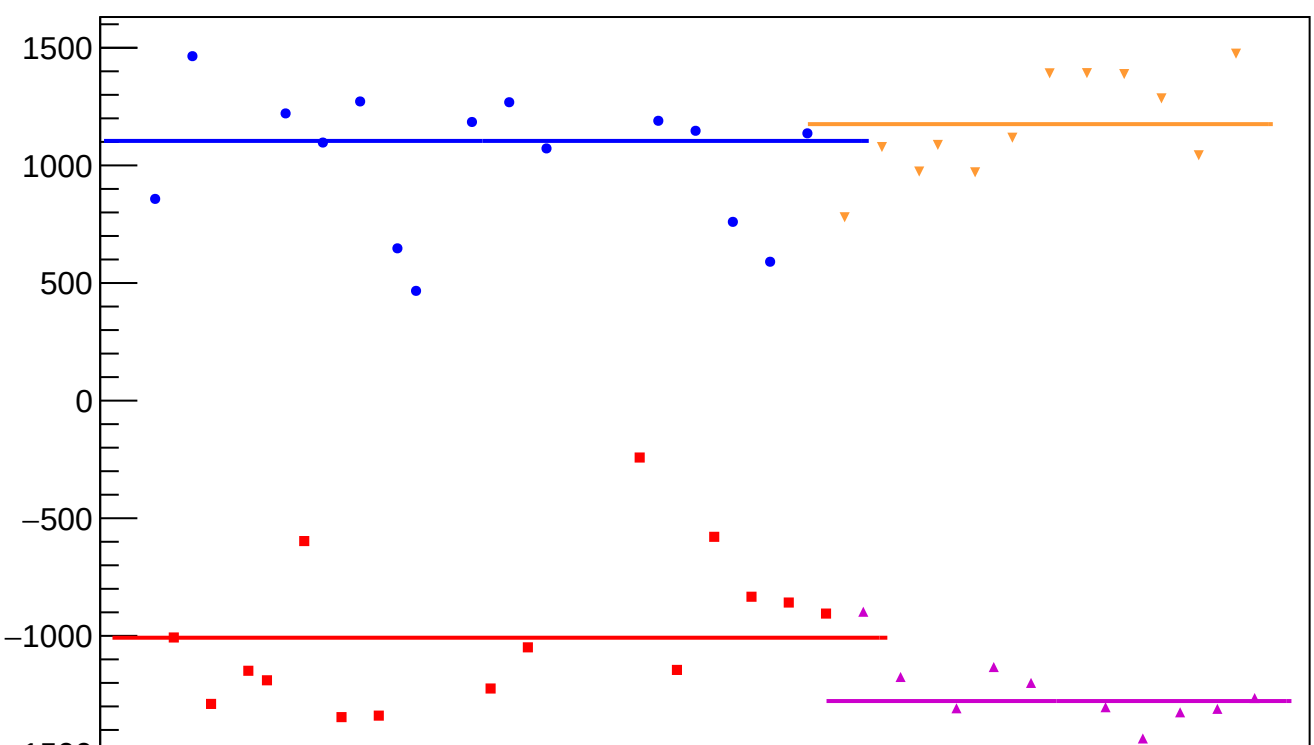
Left: -21.505+/-0.000 χ^2/NDF: 2909516961812704
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.086+/-0.000 χ^2/NDF:113760261442063078265103594368341639168.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right Out: -461.497+/-0.000 χ^2/NDF: 404737466600913559280633068843685642 24.0/15
Out: -204.800+/-0.000 χ^2/NDF:230153328143066
Left In: -24.898+/-0.000 χ^2/NDF:177170083146066340419686697250307702784.0/10
All: -4.042+/-0.000 χ^2/NDF: 6953040639809

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Left: 0.402+/-0.000 χ^2/NDF: 697888680895441924
Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14
Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666
Left Out: 60.867+/-0.000 χ^2/NDF:208334830420842687698007665034854 40.0/11
In: 1.499+/-0.000 χ^2/NDF:909555293268762402
Right Out: -86.773+/-0.000 χ^2/NDF: 105920676631408602124052500322870 8864.0/15
Out: -1.302+/-0.000 χ^2/NDF:9684437430728420 3
Left In: -59.604+/-0.000 χ^2/NDF:908626251819856643753234631680327 68.0/10
All: 0.093+/-0.000 χ^2/NDF: 1878618220707 4

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

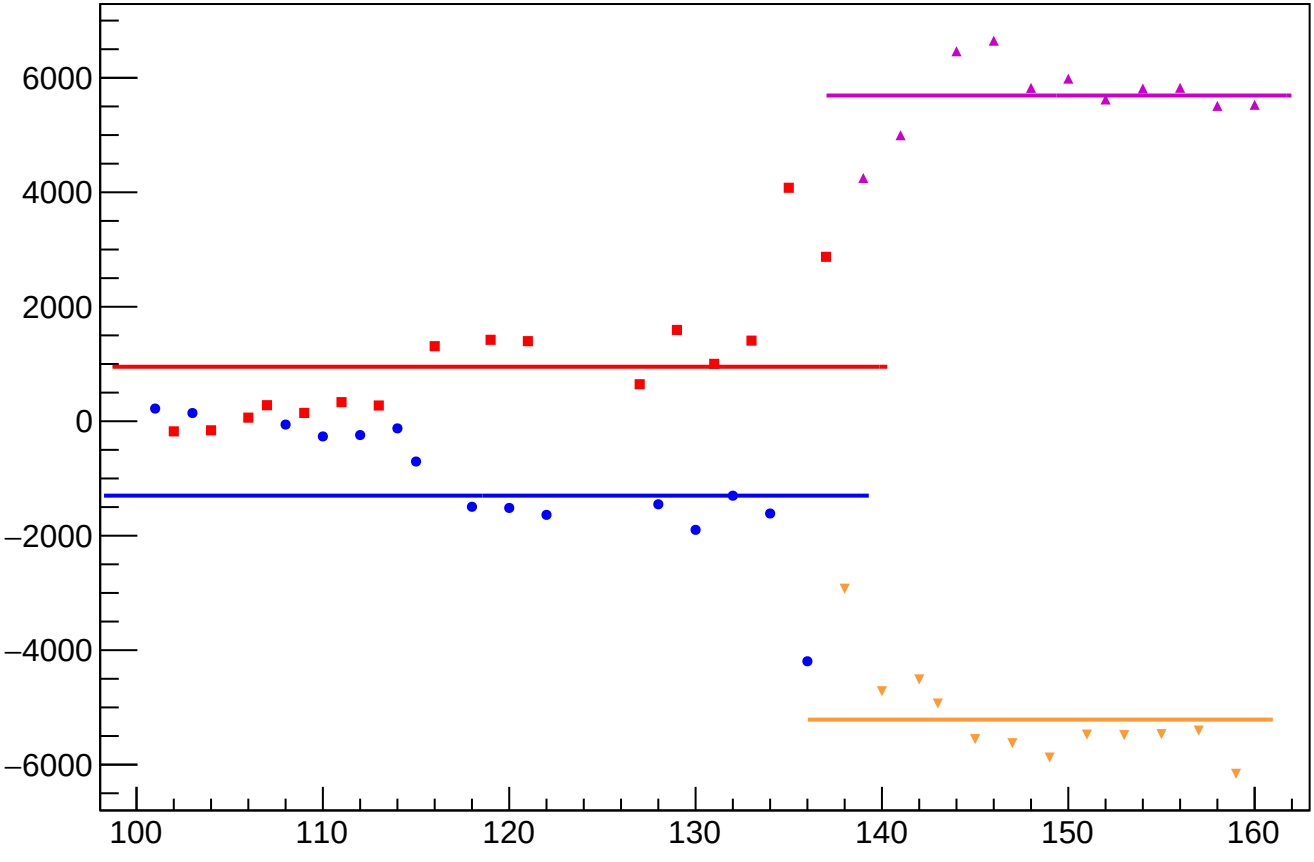
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

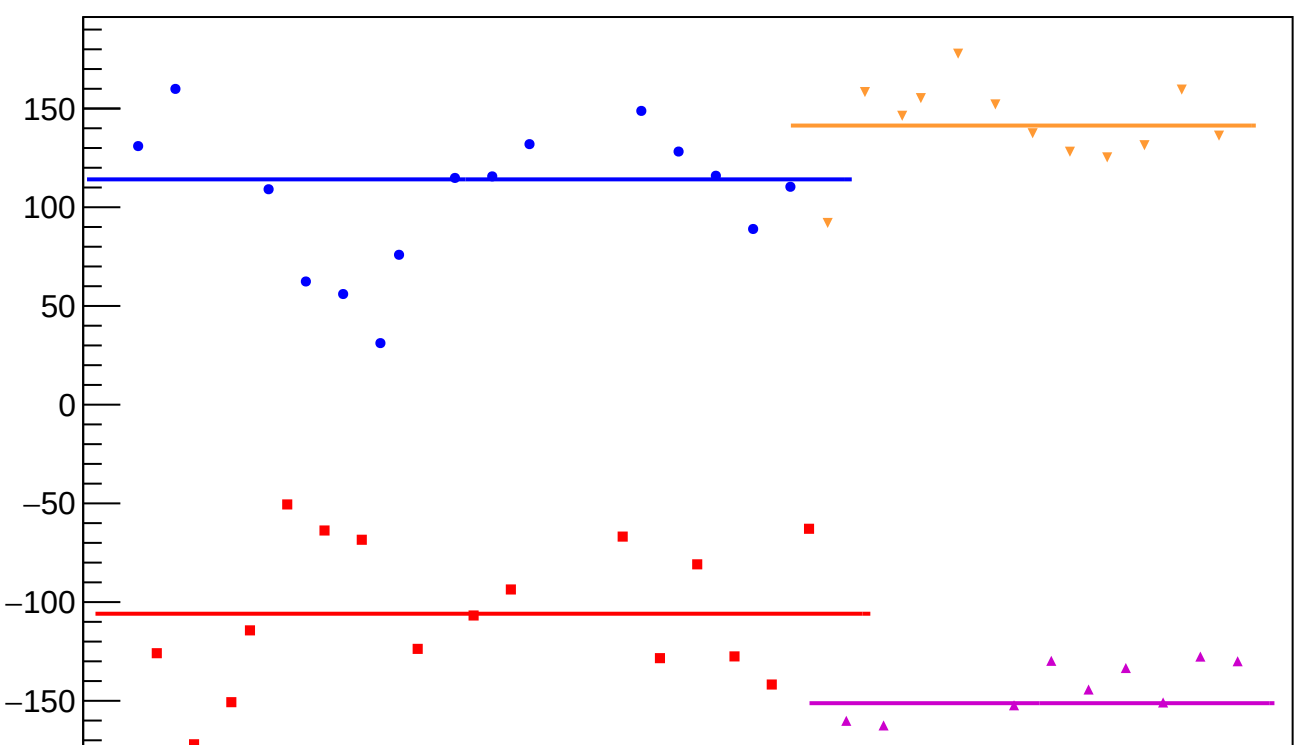
All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam6_coil3_mean vs Slug, Sign Corrected



Left: 259.674+/-0.000 χ^2/NDF: 556843868942343
Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14
Right: -158.600+/-0.000 χ^2/NDF: 37088904648604
Left Out: -5213.053+/-0.000 χ^2/NDF:607024723474712138909900039656470216704.0/11
In: 2806.606+/-0.000 χ^2/NDF:201868973591481
Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15
Out: -2617.077+/-0.000 χ^2/NDF:16124078025382
Left In: 5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10
All: 85.316+/-0.000 χ^2/NDF: 595275406564

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Left: -5.468+/-0.000 χ^2/NDF: 40198175419000180

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.380+/-0.000 χ^2/NDF:4169630263102922855140589896749547 52.0/11

In: -41.735+/-0.000 χ^2/NDF:27826261181651348

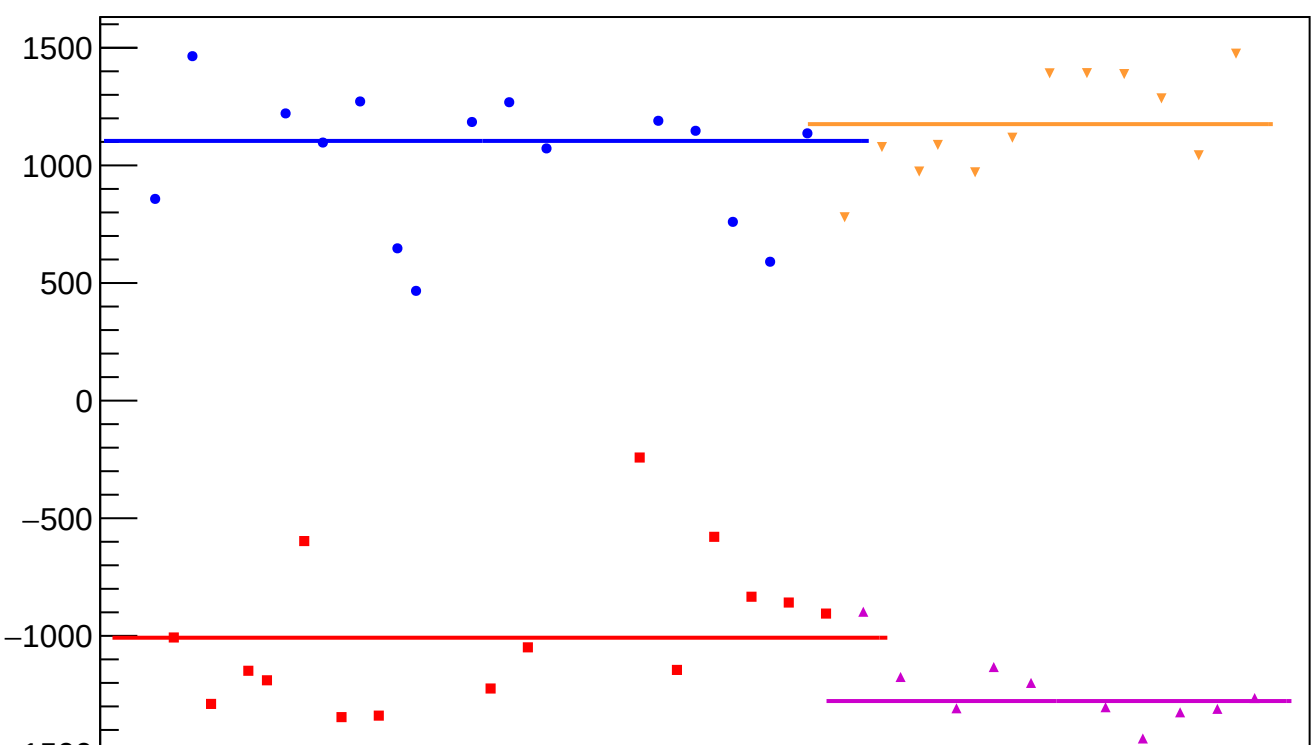
Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 37.258+/-0.000 χ^2/NDF:2487798106972589 4

Left In: -151.203+/-0.000 χ^2/NDF:3822276526049993375774315497840 96768.0/10

All: -2.101+/-0.000 χ^2/NDF: 5762903139484

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

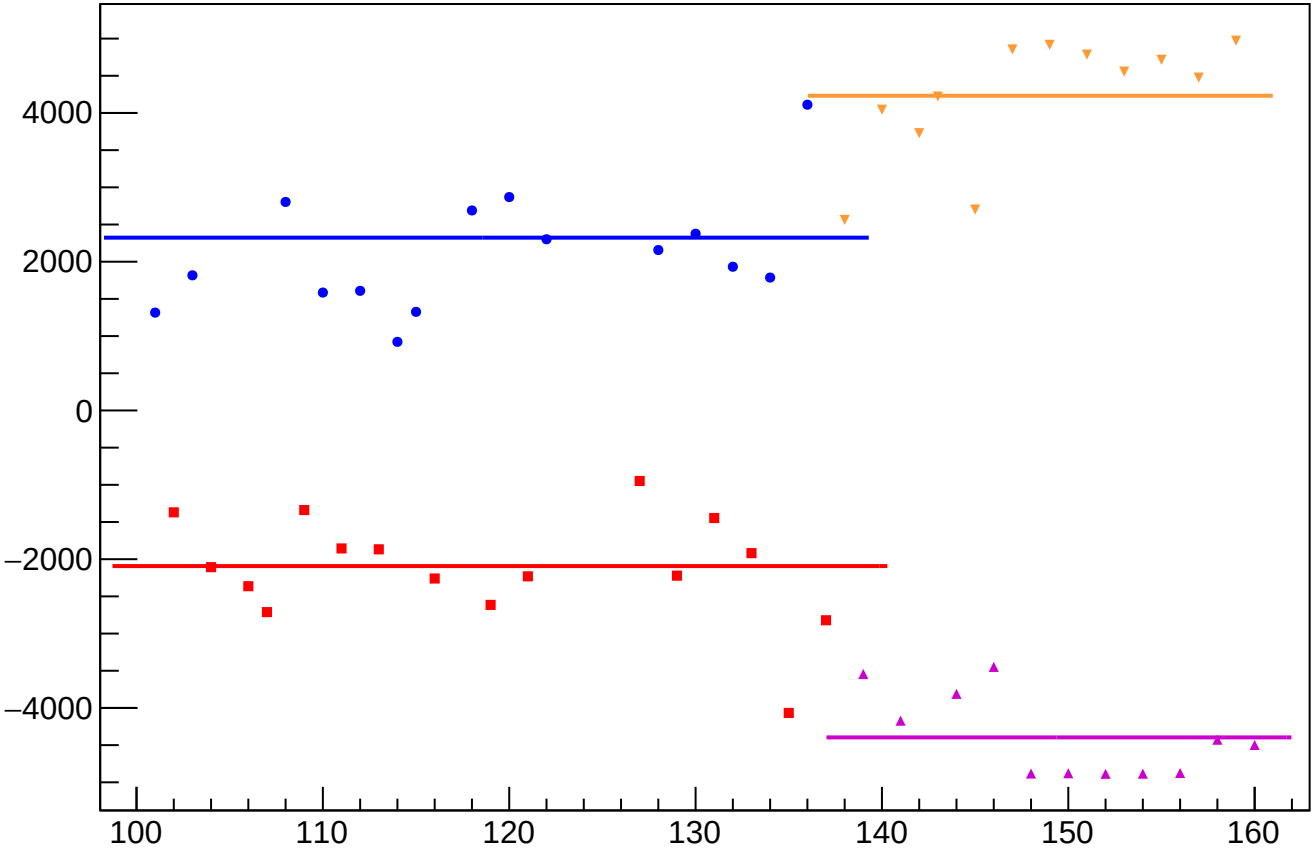
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam7_coil3_mean vs Slug, Sign Corrected



Left: -98.746+/-0.000 χ^2/NDF: 3511883210802034

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4231.380+/-0.000 χ^2/NDF:591264758783455505140129278309664030720.0/11

In: -1623.712+/-0.000 χ^2/NDF:179596063861387

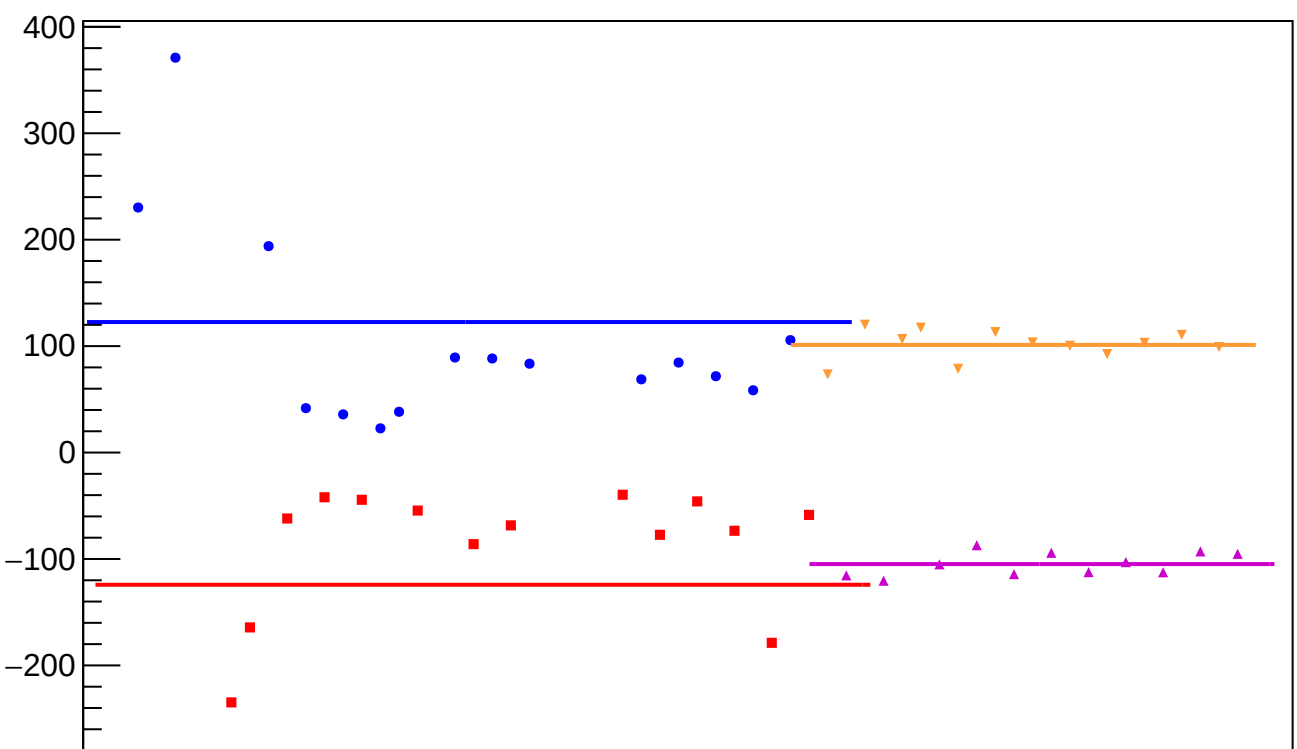
Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1568.501+/-0.000 χ^2/NDF:164003188490660

Left In: -4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

All: -22.044+/-0.000 χ^2/NDF: 424024658110

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: -2.216+/-0.000 χ^2/NDF: 19793726503951273

Right In: 122.622+/-0.000 χ^2/NDF: 5937504661187691145903235842749497344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.138+/-0.000 χ^2/NDF:1751114564774519668041155503970058 24.0/11

In: -10.961+/-0.000 χ^2/NDF:2575473987064935 8

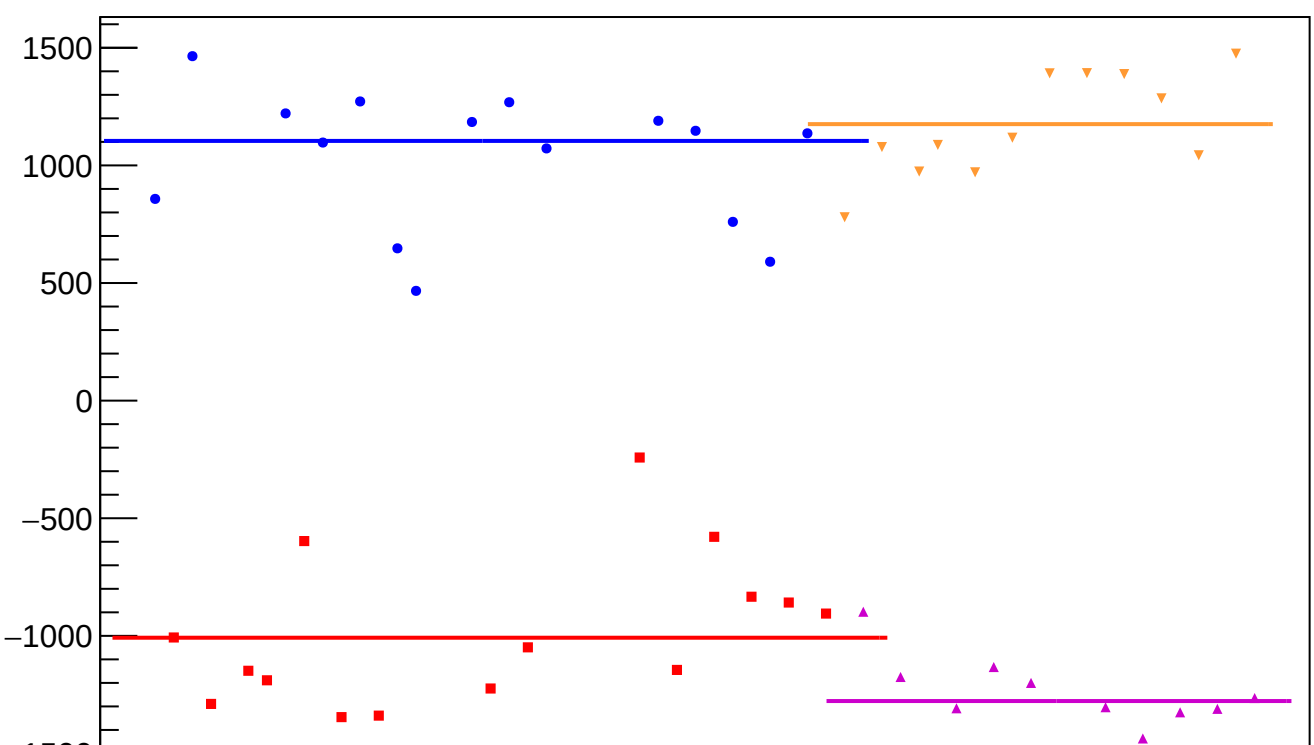
Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 6.245+/-0.000 χ^2/NDF:2633452899126762 81

Left In: -104.786+/-0.000 χ^2/NDF:1020137853813338374934354518469509 12.0/10

All: -2.328+/-0.000 χ^2/NDF: 5232289579930

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

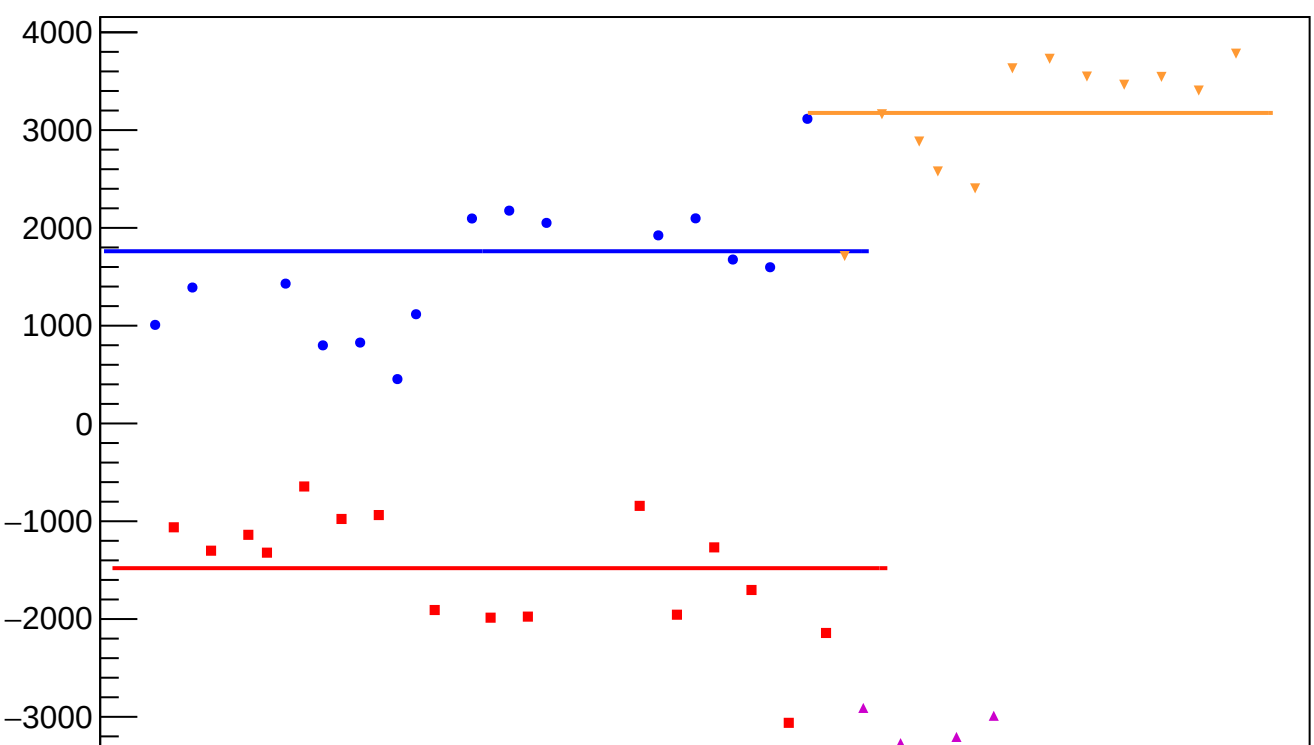
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_sam8_coil3_mean vs Slug, Sign Corrected



Left: -136.302+/-0.000 χ^2/NDF: 204610359235685

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3175.502+/-0.000 χ^2/NDF:347291191980203589558827802227239813120.0/11

In: -1284.056+/-0.000 χ^2/NDF:106529223368733

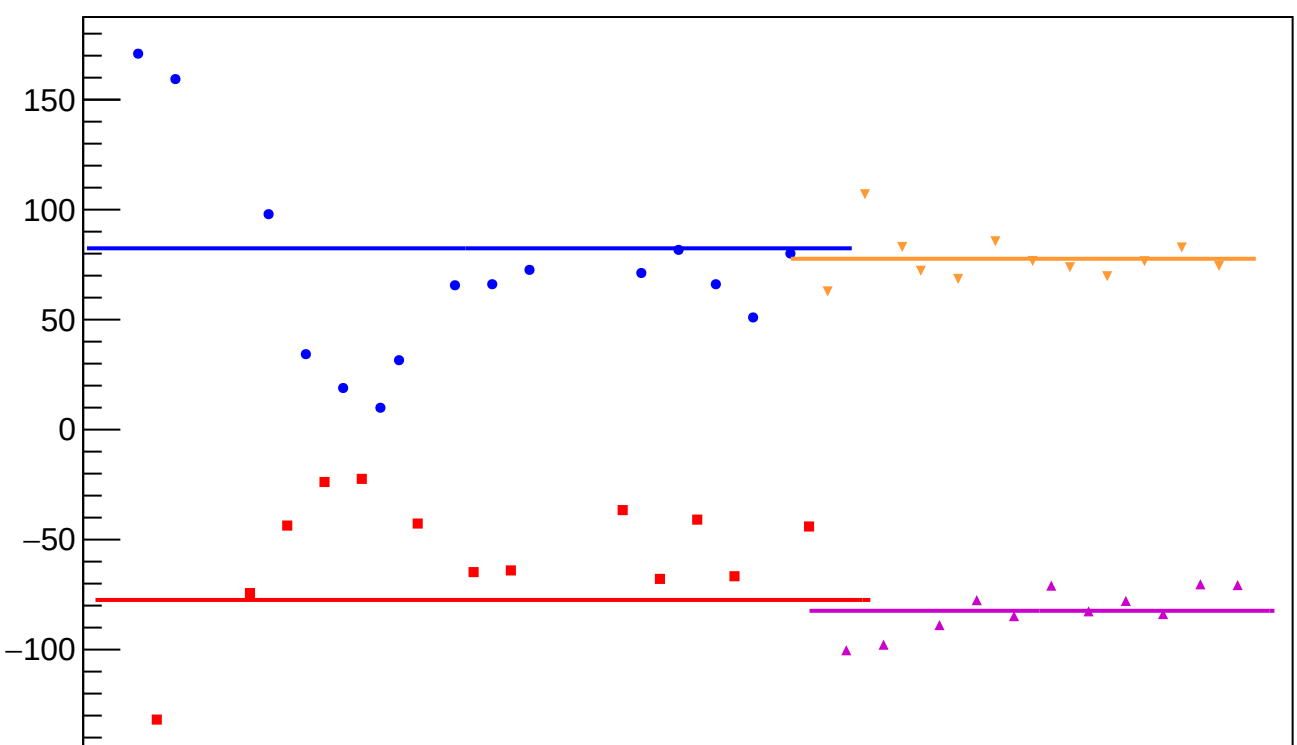
Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1215.220+/-0.000 χ^2/NDF:897903201361202

Left In: -3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

All: -30.064+/-0.000 χ^2/NDF: 245618505677

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Left: -2.649+/-0.000 χ^2/NDF: 11987658152630781

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 1118435067130950

Left Out: 77.672+/-0.000 χ^2/NDF:1123594259701153969731918512059842 56.0/11

In: -14.374+/-0.000 χ^2/NDF:1170355213150101

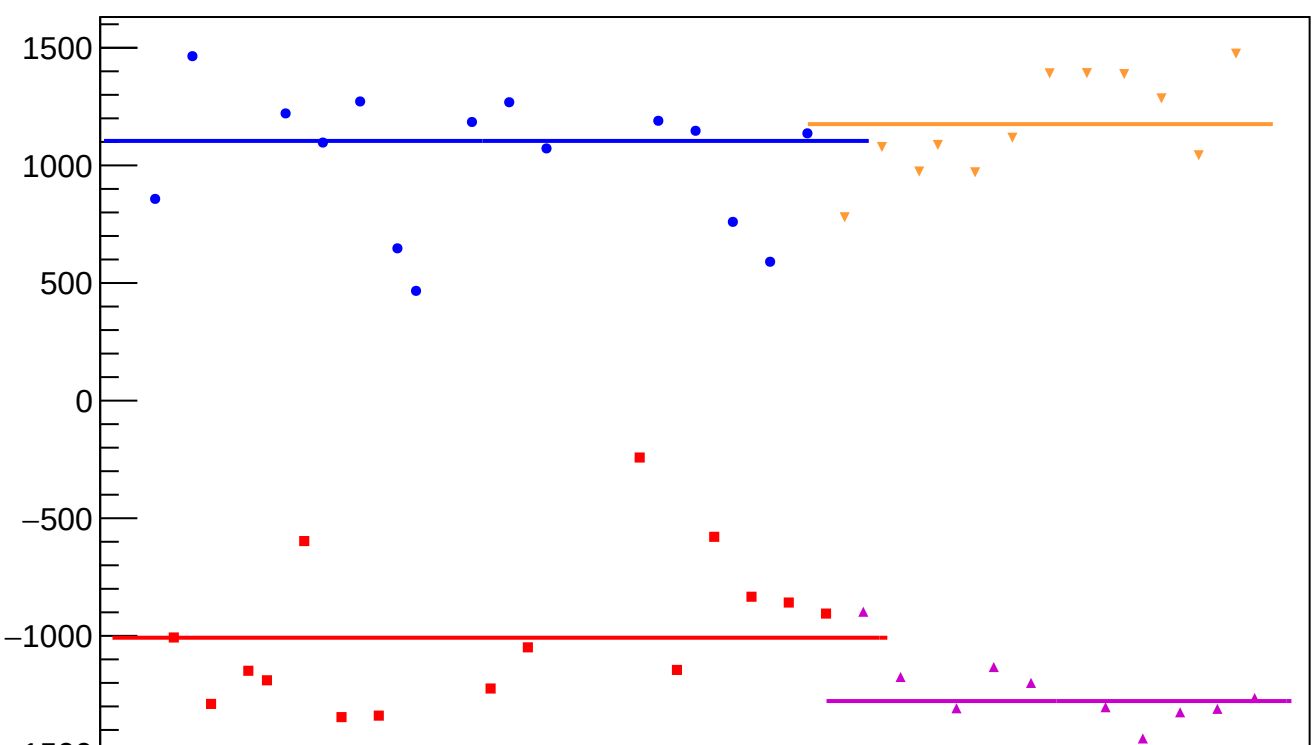
Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 12.361+/-0.000 χ^2/NDF:1091695734901054

Left In: -82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

All: -0.960+/-0.000 χ^2/NDF: 2318460638265

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -55.473+/-0.000 χ^2/NDF: 2837966684325657

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1175.478+/-0.000 χ^2/NDF:399669915847906262003371064898103541 76.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

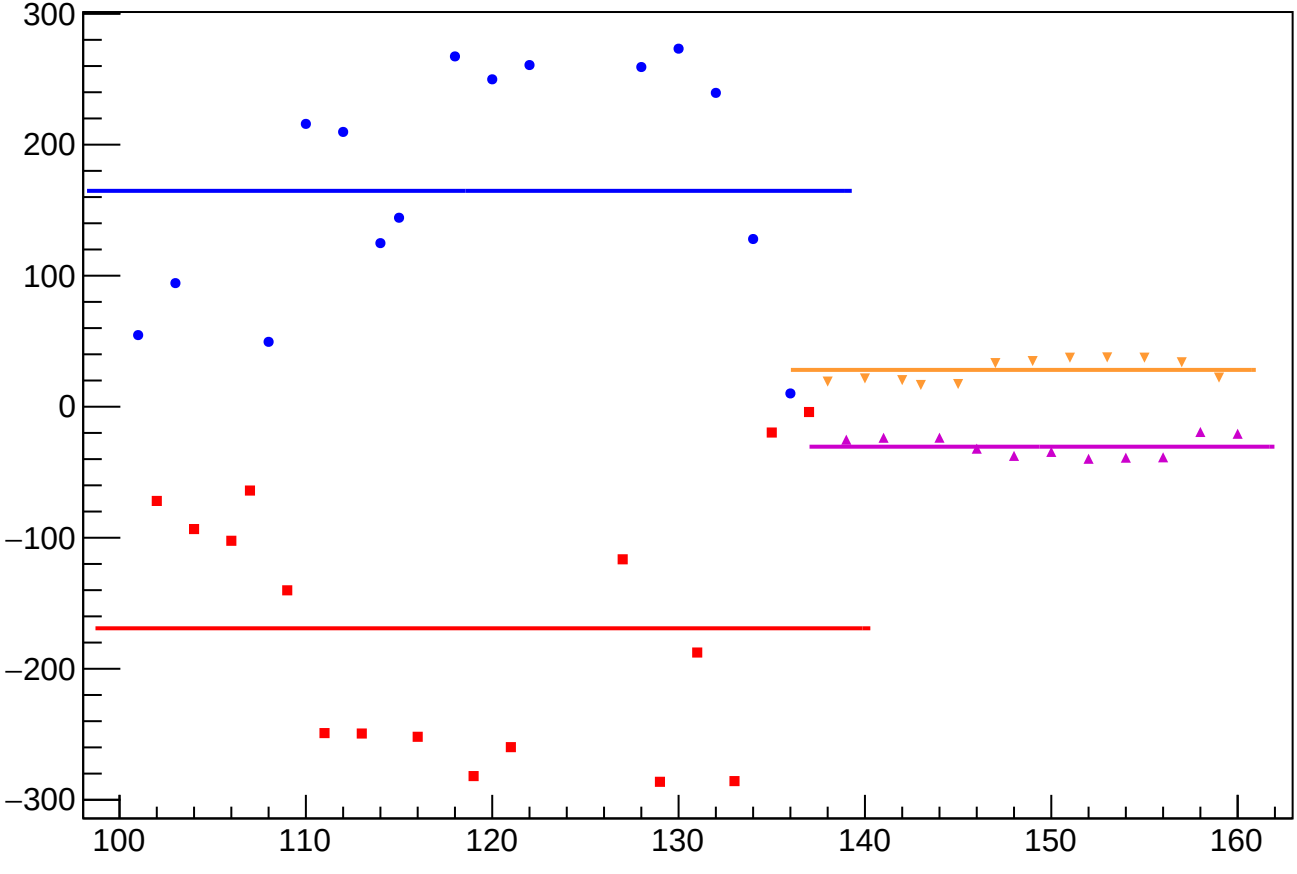
Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.086+/-0.000 χ^2/NDF:1949816522076708

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.318+/-0.000 χ^2/NDF: 441314646270

dit_4aX_coil7_mean vs Slug, Sign Corrected



Left: -1.315+/-0.000 χ^2/NDF: 16969654131032672

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.100+/-0.000 χ^2/NDF:635173573099110904470706697923461 12.0/11

In: 50.054+/-0.000 χ^2/NDF:20957243949655608 5

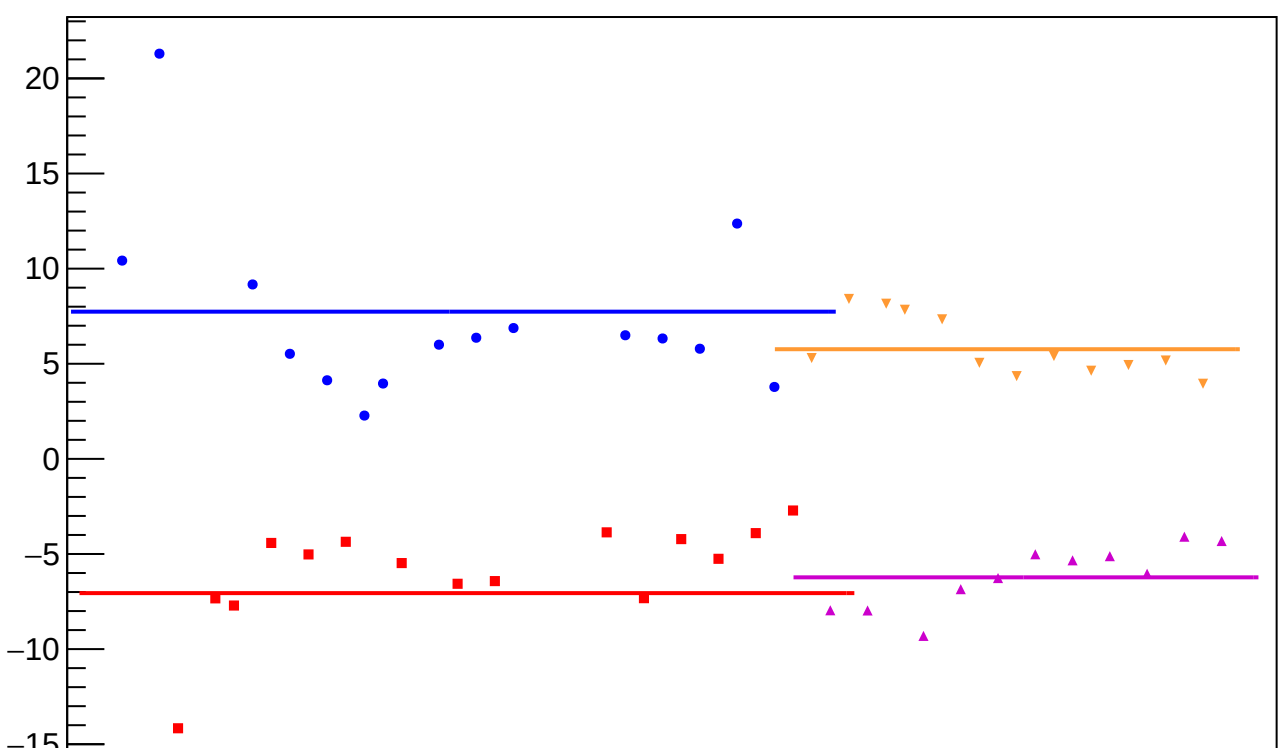
Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907 1488.0/15

Out: -54.941+/-0.000 χ^2/NDF:211213788138169 6

Left In: -30.507+/-0.000 χ^2/NDF:526007001482740498015866996716994 56.0/10

All: -2.626+/-0.000 χ^2/NDF: 5077924344541

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Left: -0.254+/-0.000 χ^2/NDF: 7053207013078386

Right In: 7.738+/-0.000 χ^2/NDF: 151272154792345060074694927680798 72.0/14

Right: 0.240+/-0.000 χ^2/NDF: 98424389249981268

Left Out: 5.764+/-0.000 χ^2/NDF:2014473932574383690261327211659264.0/11

In: -0.465+/-0.000 χ^2/NDF:918173600433659014

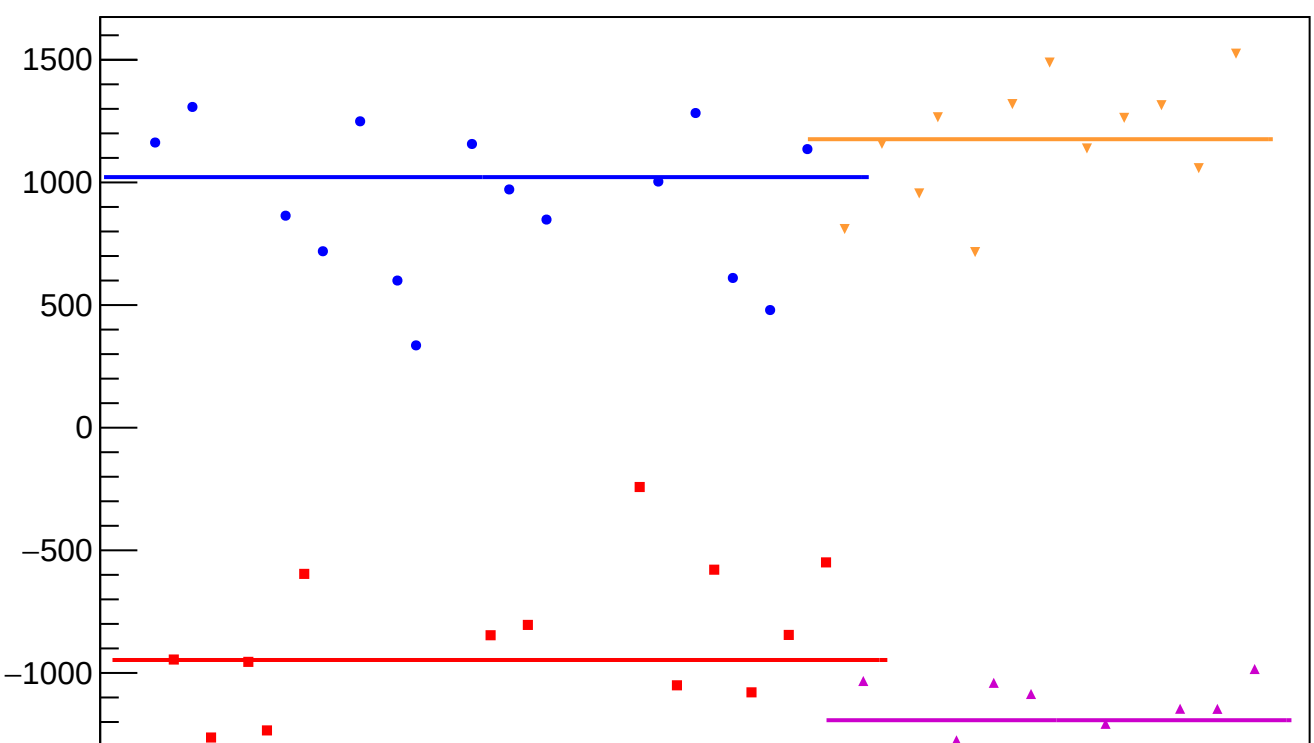
Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Out: 0.365+/-0.000 χ^2/NDF:76781483026932950 6

Left In: -6.228+/-0.000 χ^2/NDF:2331911751655733809355489024147456.0/10

All: -0.049+/-0.000 χ^2/NDF: 1691437180051

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

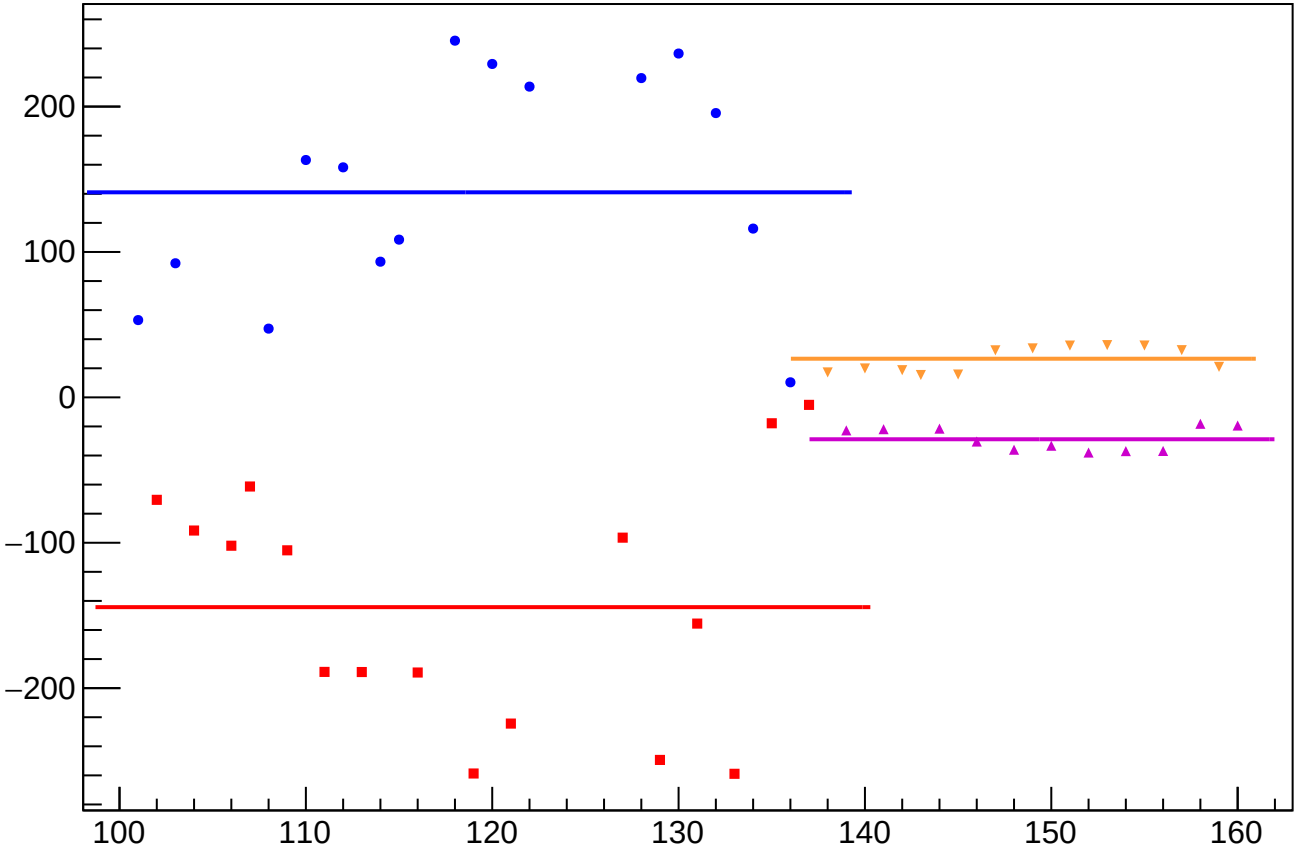
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -1.223+/-0.000 χ^2/NDF: 15286596958341746

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 26.582+/-0.000 χ^2/NDF:638805469323936580506146521418301 44.0/11

In: 41.261+/-0.000 χ^2/NDF:15558202913354022

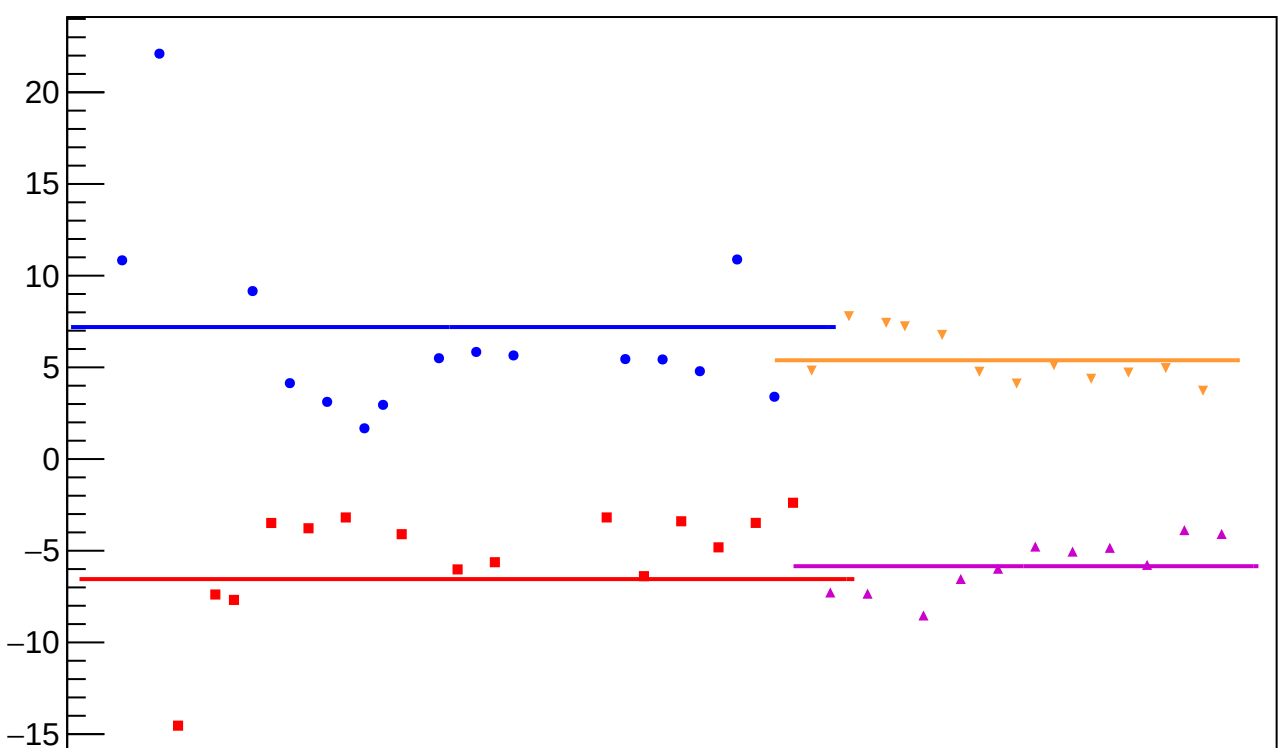
Right Out: -144.283+/-0.000 χ^2/NDF: 426833357151774088606536166392882 7904.0/15

Out: -45.367+/-0.000 χ^2/NDF:1560535001483791

Left In: -28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702 7456.0/10

All: -2.204+/-0.000 χ^2/NDF: 3708629931644

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198+/-0.000 χ^2/NDF: 18212640728502785337831966963138560.0/14

Left Out: 5.387+/-0.000 χ^2/NDF:16021382498824788148359438438236 16.0/11

Right Out: -6.547+/-0.000 χ^2/NDF: 14078912505116068936230809834094592.0/15

Left In: -5.843+/-0.000 χ^2/NDF:18327868371027078624005378067660 80.0/10

Left: -0.250+/-0.000 χ^2/NDF: 61475661357383771

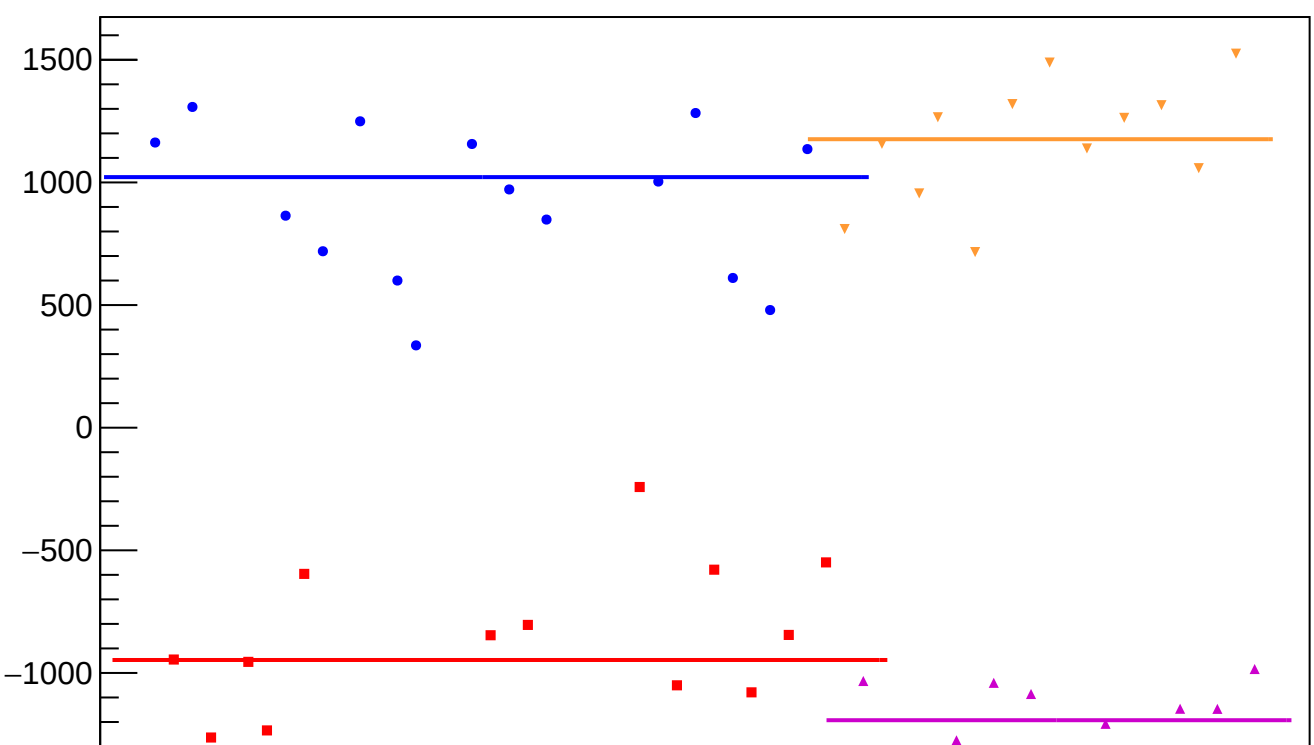
Right: 0.232+/-0.000 χ^2/NDF: 94430884745367791

In: -0.463+/-0.000 χ^2/NDF:84881658892017473 5

Out: 0.362+/-0.000 χ^2/NDF:70666369710520663 0

All: -0.049+/-0.000 χ^2/NDF: 1560843650902

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

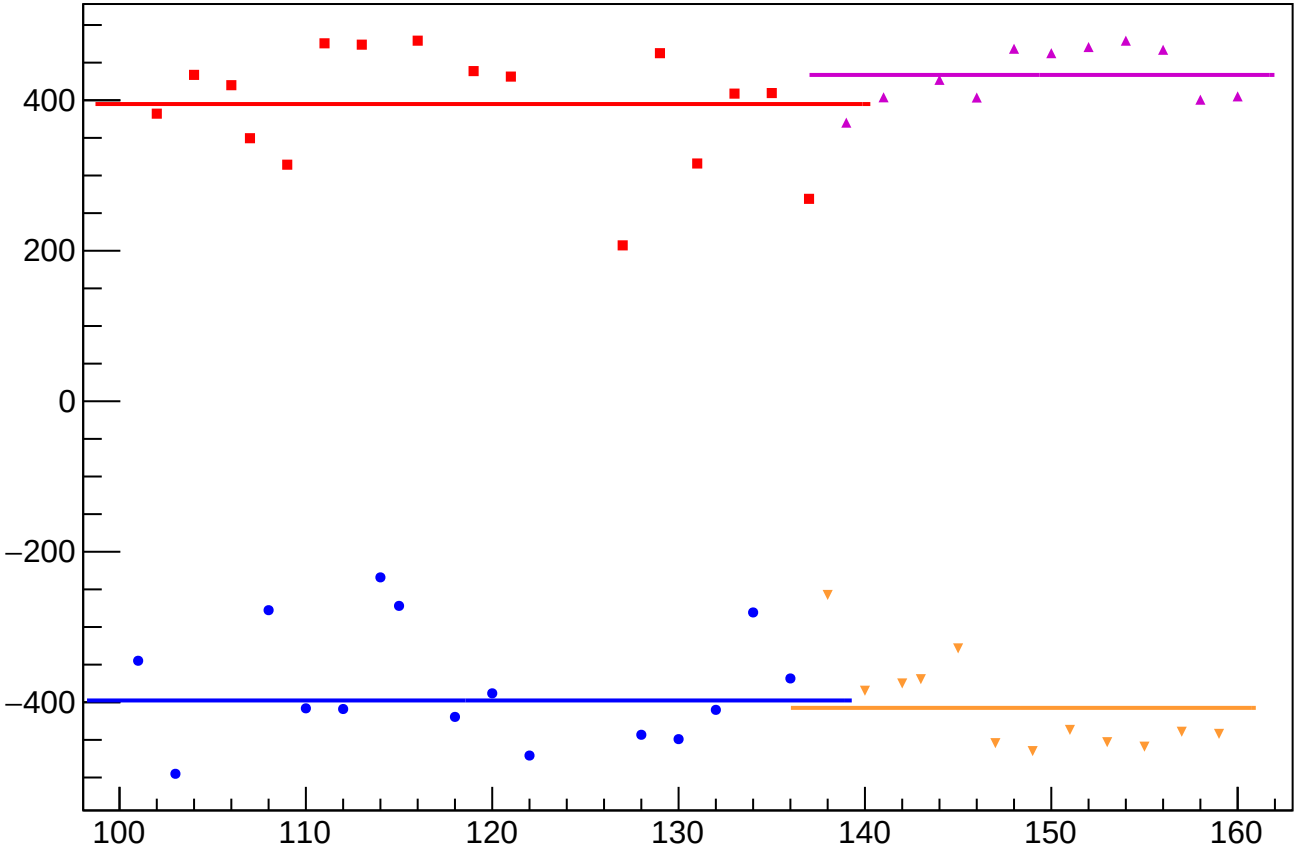
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14

Left Out: -407.457+/-0.000 χ^2/NDF:353025449080407268501570591063749427 2.0/11

Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15

Left In: 433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10

Left: 14.703+/-0.000 χ^2/NDF: 3303435106637824 3

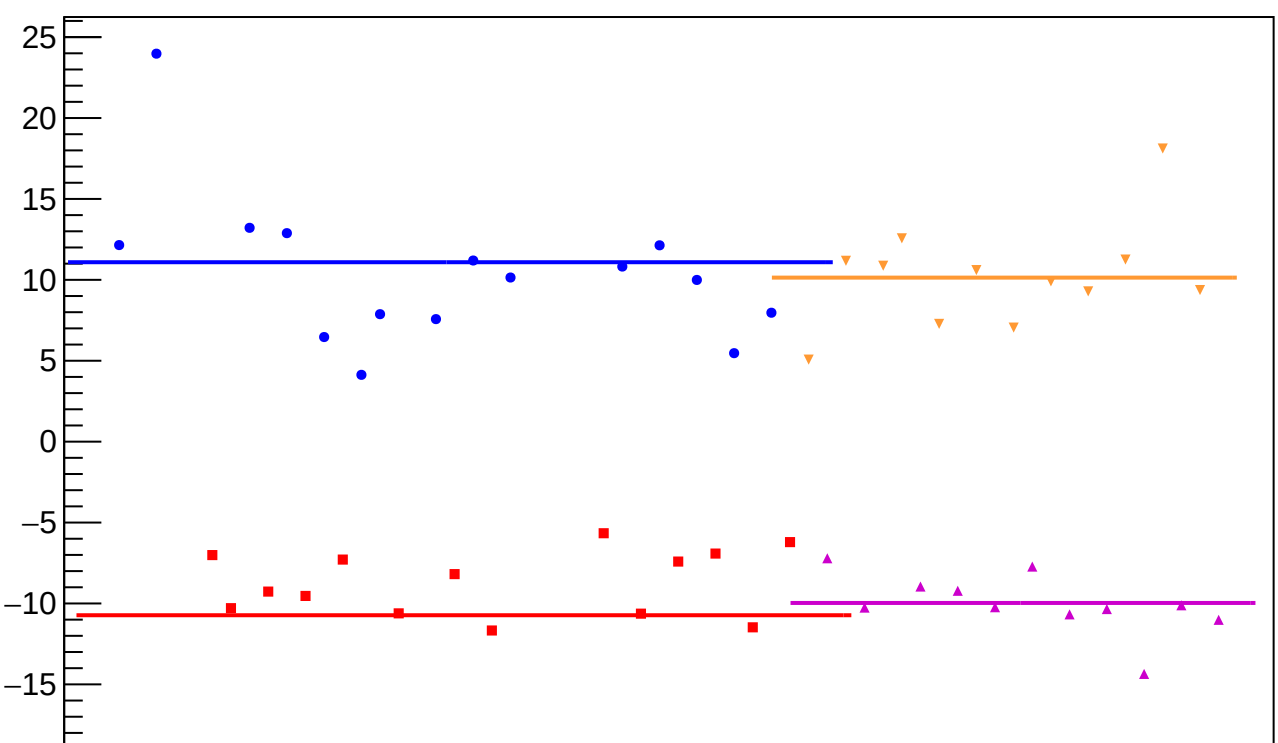
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3

In: 90.690+/-0.000 χ^2/NDF:267298439260479340

Out: -69.565+/-0.000 χ^2/NDF:2558458323075141

All: 10.283+/-0.000 χ^2/NDF: 5434132132493

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.046+/-0.000 χ^2/NDF: 19819294852781313

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822

Left Out: 10.137+/-0.000 χ^2/NDF:9233961900502442042562315288576000.0/11

In: -1.280+/-0.000 χ^2/NDF:18618379731528032

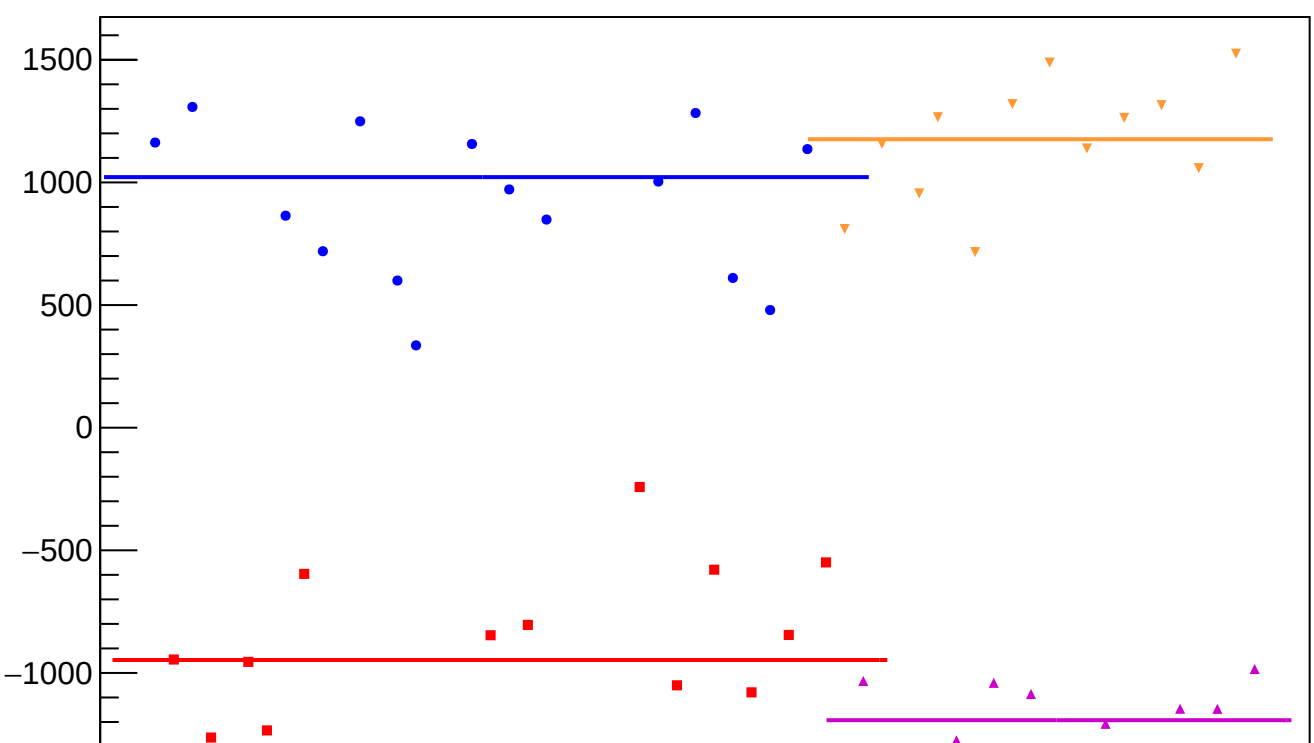
Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713126 4.0/15

Out: 1.351+/-0.000 χ^2/NDF:19210676457575563

Left In: -9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

All: 0.040+/-0.000 χ^2/NDF: 3837578097227

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

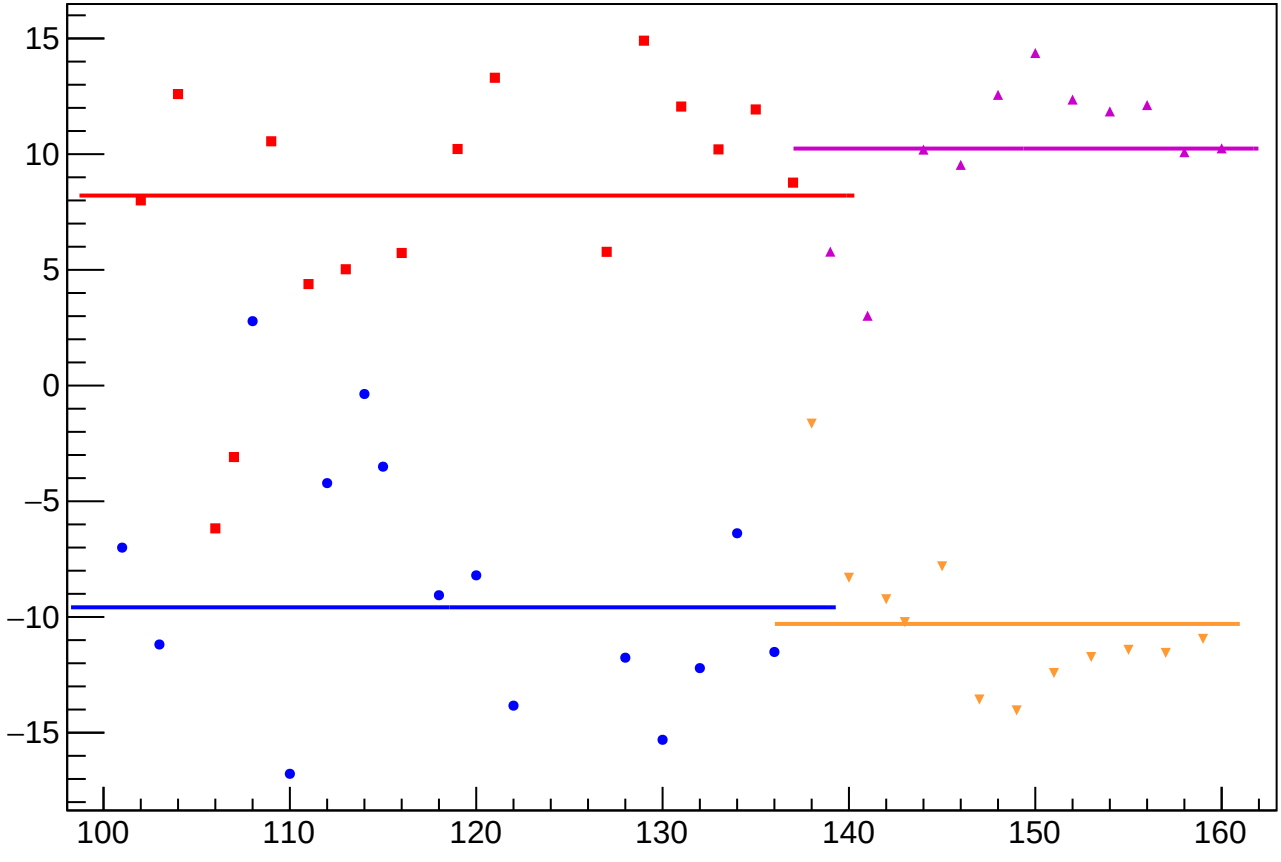
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_4aY_coil7_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 21269416203582270

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.300+/-0.000 χ^2/NDF:9506877601099056155644993577418752.0/11

In: 2.062+/-0.000 χ^2/NDF:173509343725026815 6

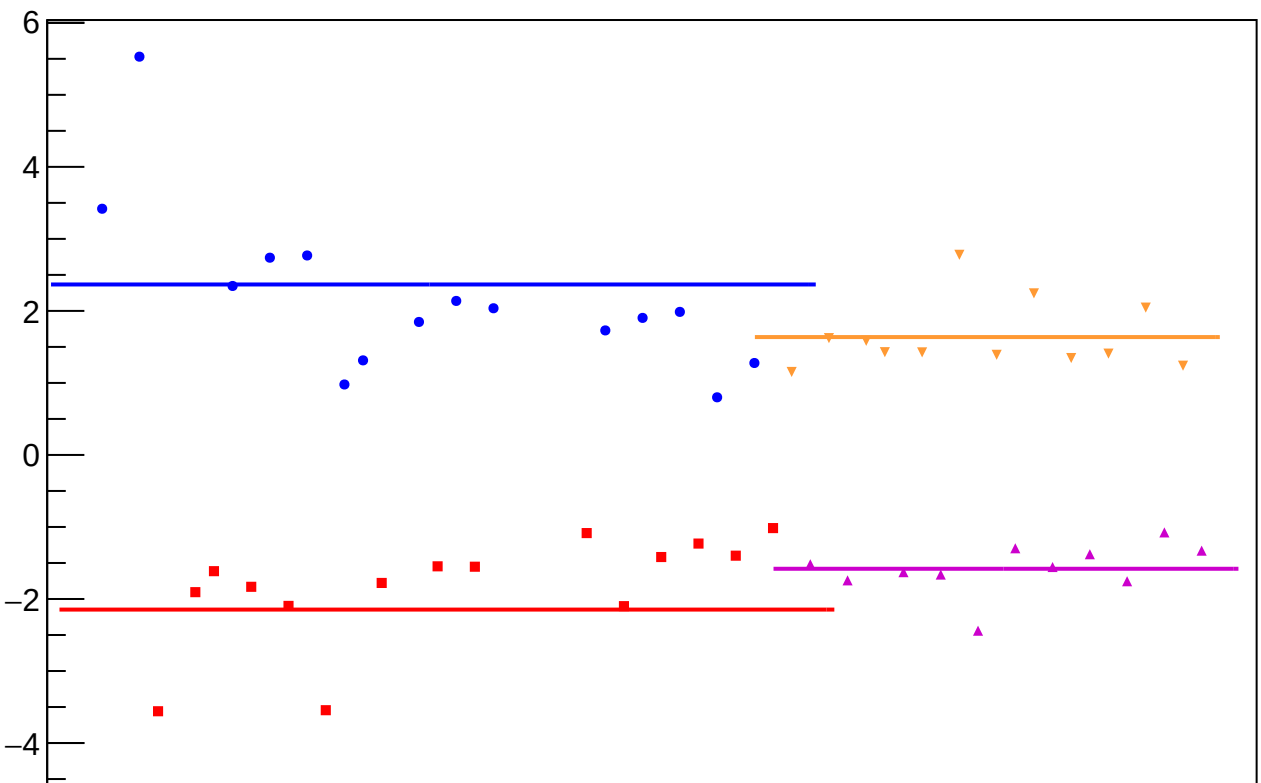
Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445491 2.0/15

Out: -2.505+/-0.000 χ^2/NDF:16012140379584636

Left In: 10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

All: -0.229+/-0.000 χ^2/NDF: 3500960863044

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.637+/-0.000 χ^2/NDF:1975848469515970519447692891914 24.0/11

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: 50649701267613452 0

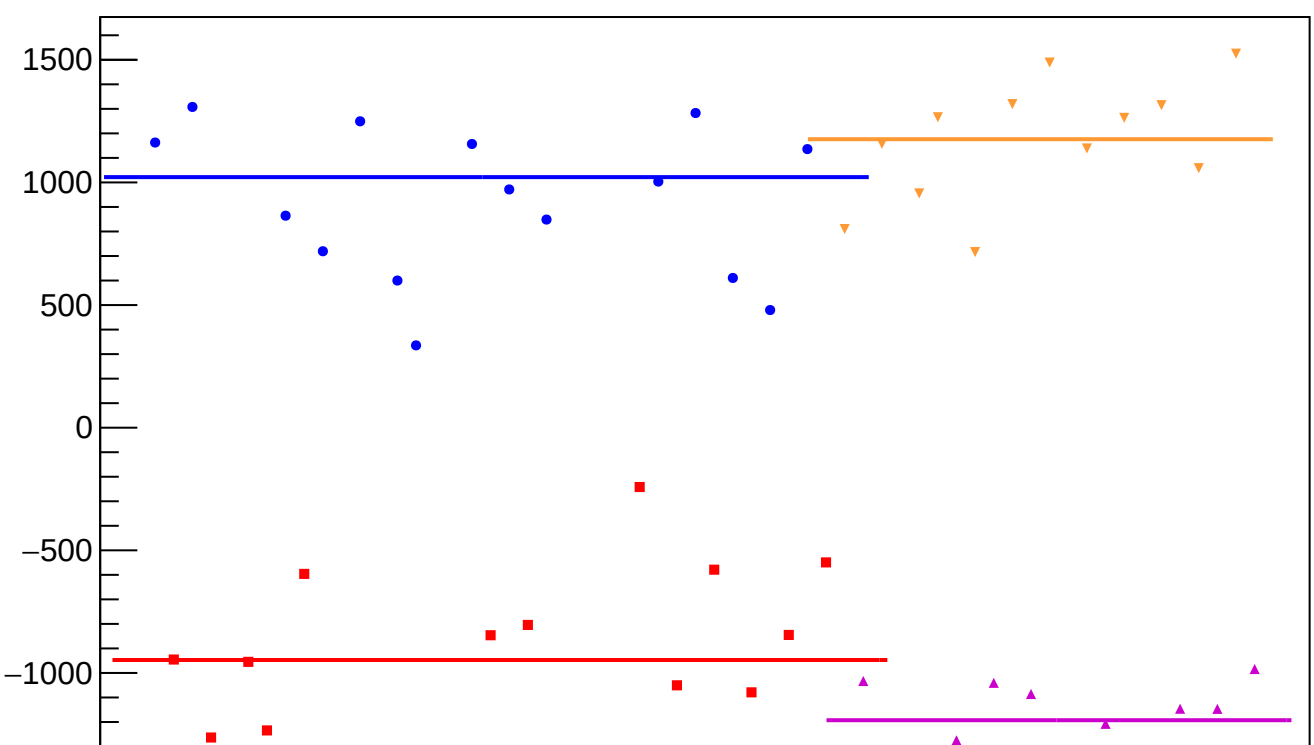
Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

In: 0.048+/-0.000 χ^2/NDF:6965293012919252949

Out: 0.043+/-0.000 χ^2/NDF:6489896615990384 83

All: 0.046+/-0.000 χ^2/NDF: 1345520859259 8

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

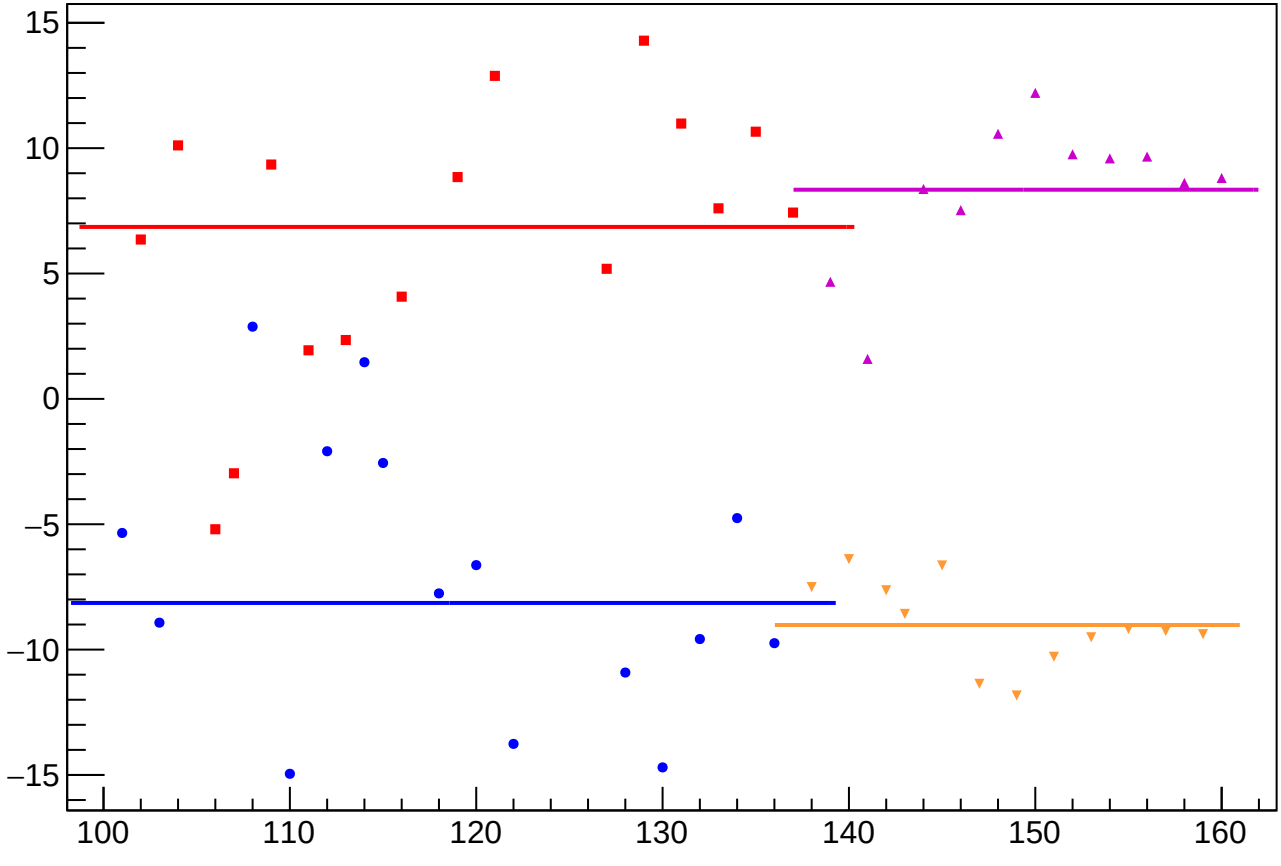
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

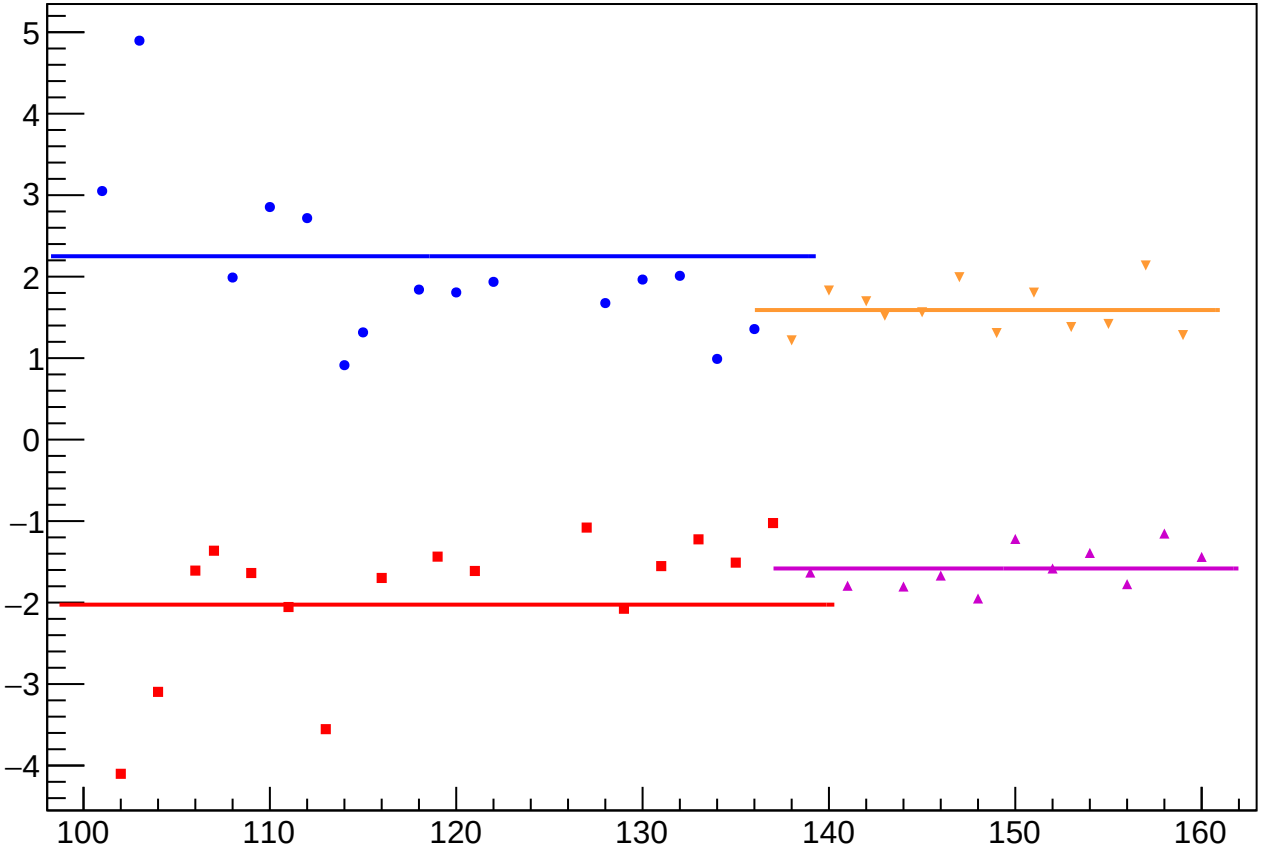
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_4eY_coil7_mean vs Slug, Sign Corrected



Left: -0.305+/-0.000 χ^2/NDF: 1485547930742766
Right In: -8.139+/-0.000 χ^2/NDF: 1467644264922212037253377989332172 8.0/14
Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360
Left Out: -9.019+/-0.000 χ^2/NDF:2556393635520144823493802684579840.0/11
In: 1.543+/-0.000 χ^2/NDF:125503787533392226
Right Out: 6.859+/-0.000 χ^2/NDF: 1648363156159179073135263215307980 8.0/15
Out: -2.333+/-0.000 χ^2/NDF:11638470167153536
Left In: 8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10
All: -0.402+/-0.000 χ^2/NDF: 2537437015122

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: -0.002+/-0.000 χ^2/NDF: 47616036648607454

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: 1.590+/-0.000 χ^2/NDF:7655435111469366960521809074585 6.0/11

In: -0.001+/-0.000 χ^2/NDF:6309895304993274 21

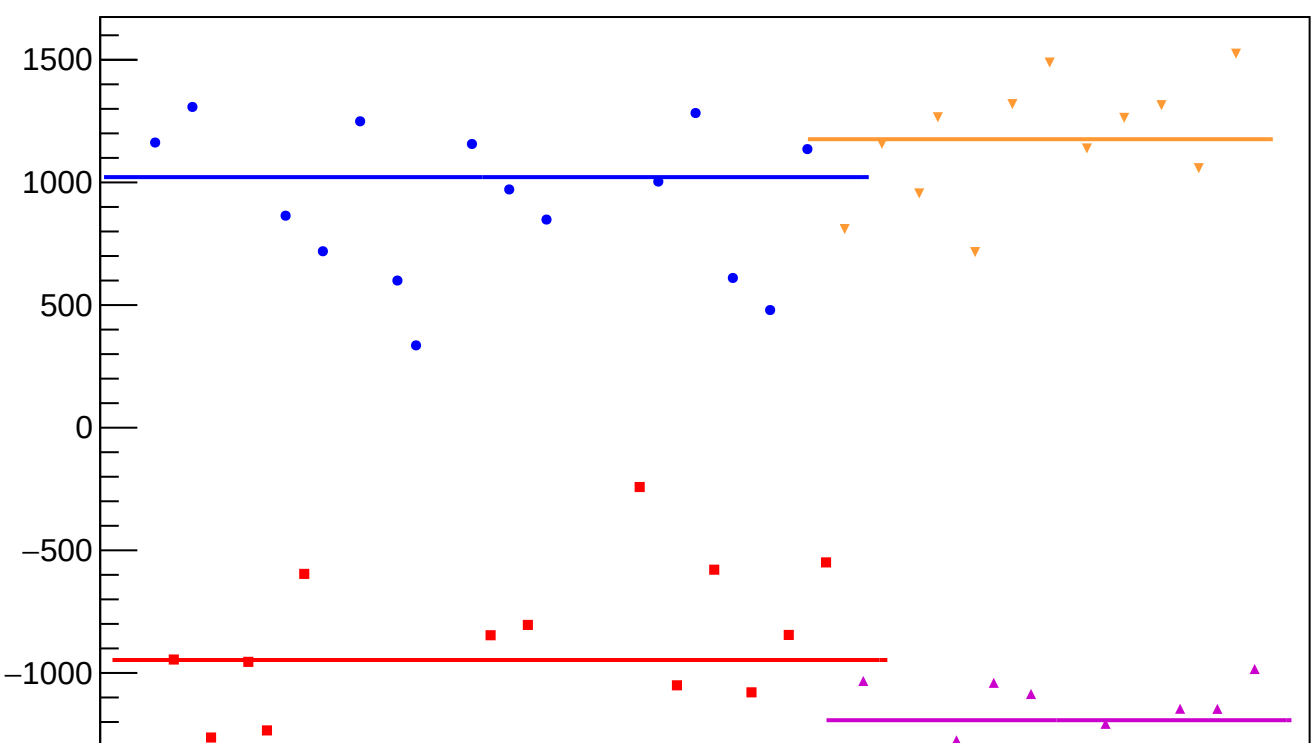
Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.068+/-0.000 χ^2/NDF:5702837624120209 56

Left In: -1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

All: 0.034+/-0.000 χ^2/NDF: 1201641232876 8

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

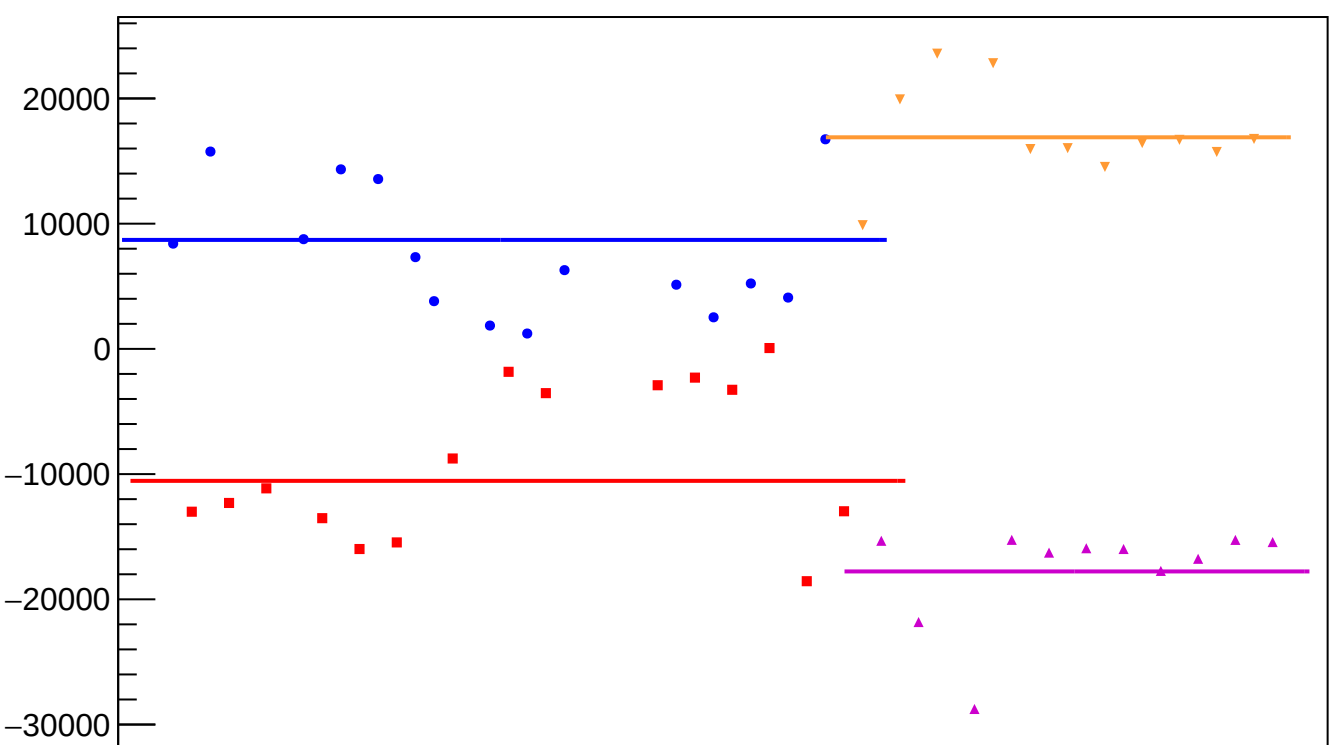
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -1160.813+/-0.000 χ^2/NDF: 55729109500245

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16897.725+/-0.000 χ^2/NDF:1017625262382863571340569286423009139097 6.0/10

In: -6849.259+/-0.000 χ^2/NDF:301670600144202

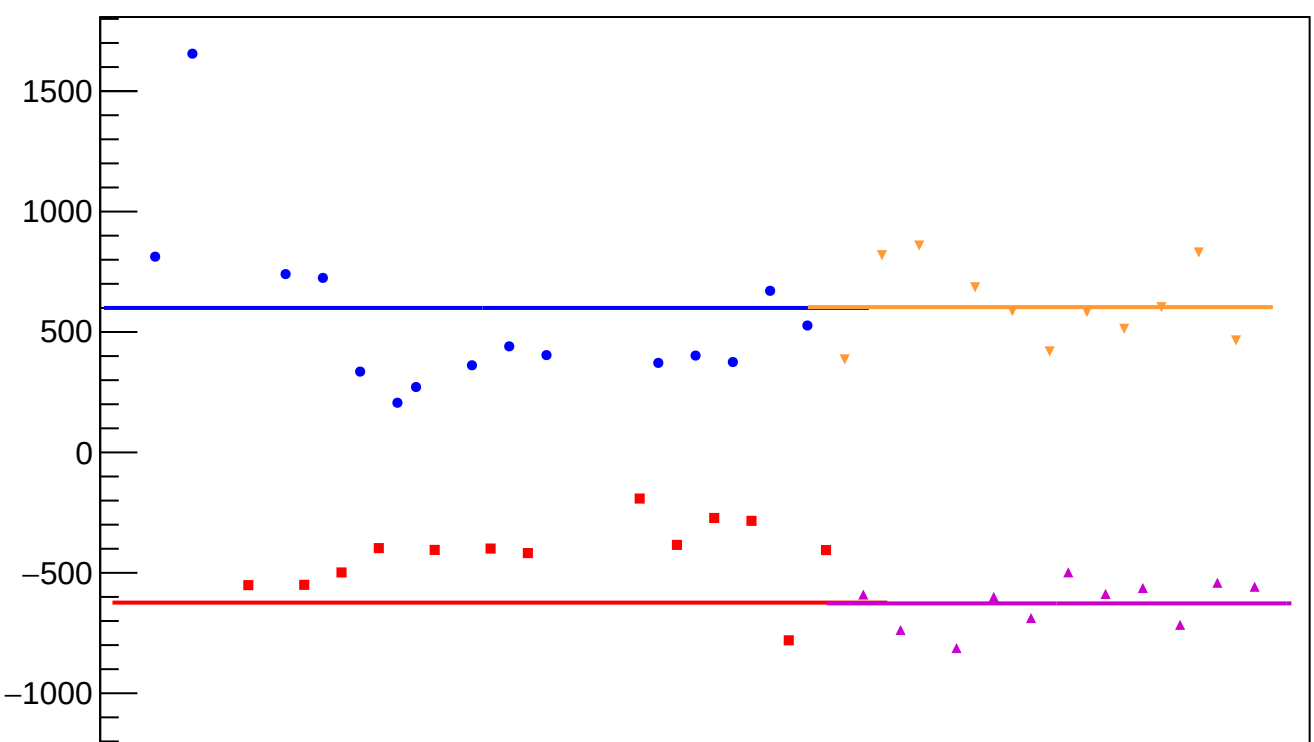
Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4834.103+/-0.000 χ^2/NDF:337744605089311

Left In: -17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

All: -1113.447+/-0.000 χ^2/NDF: 7448275665

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Left: -37.390+/-0.000 χ^2/NDF: 6983171203334230

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 603.317+/-0.000 χ^2/NDF:2023108432540805097671000990085545984 0.0/10

In: -120.691+/-0.000 χ^2/NDF:6710419743647367

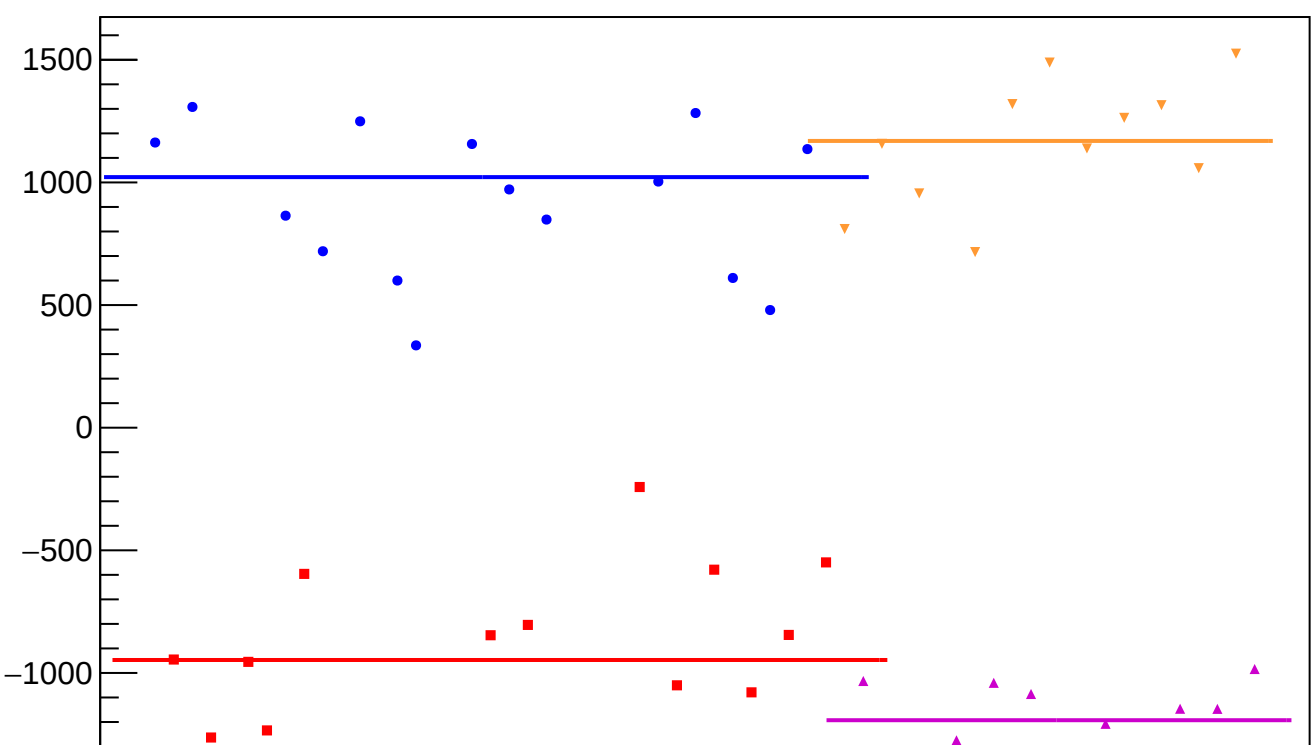
Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 63.875+/-0.000 χ^2/NDF:6842383462675463 2

Left In: -626.785+/-0.000 χ^2/NDF:8170989429665370050254275774703992832.0/10

All: -30.080+/-0.000 χ^2/NDF: 138158678940

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -61.008+/-0.000 χ^2/NDF: 2541782775965116

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1169.193+/-0.000 χ^2/NDF:5277744667517852928965440818889988505 6.0/10

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

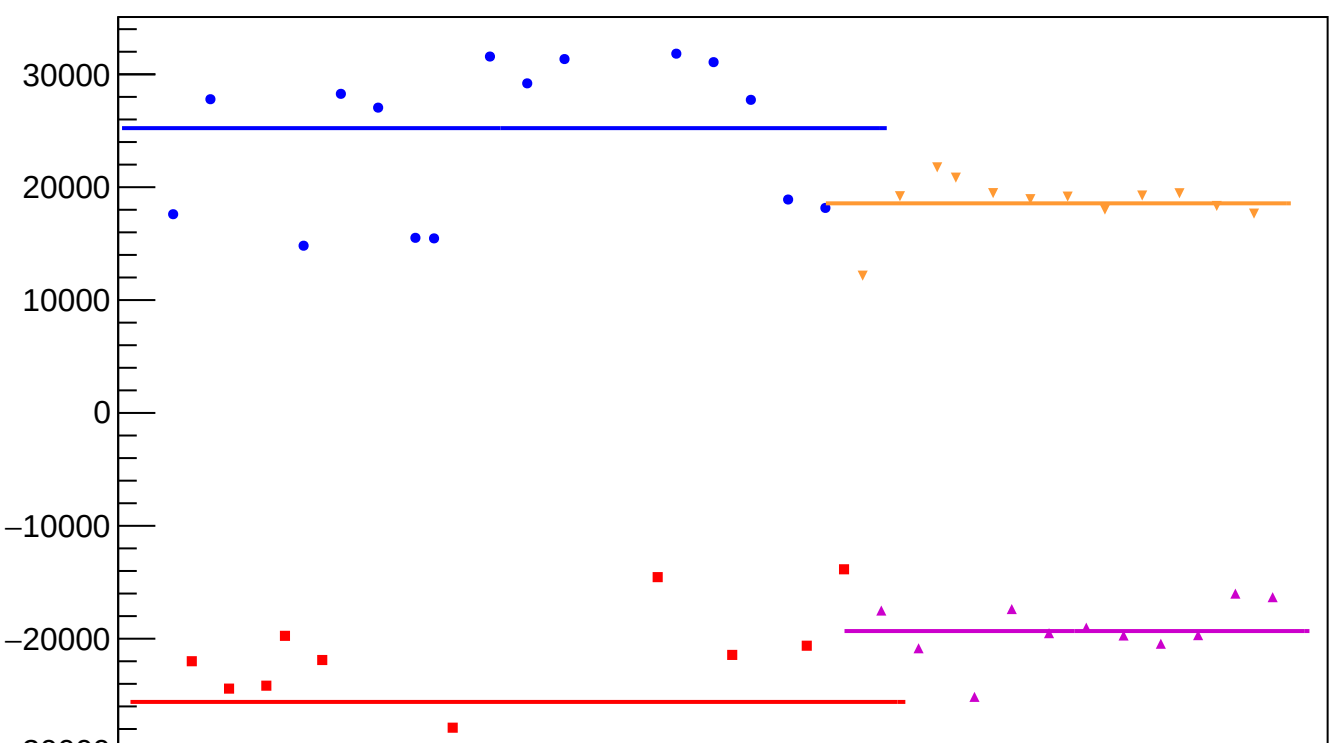
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 238.674+/-0.000 χ^2/NDF:1794461642916467

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

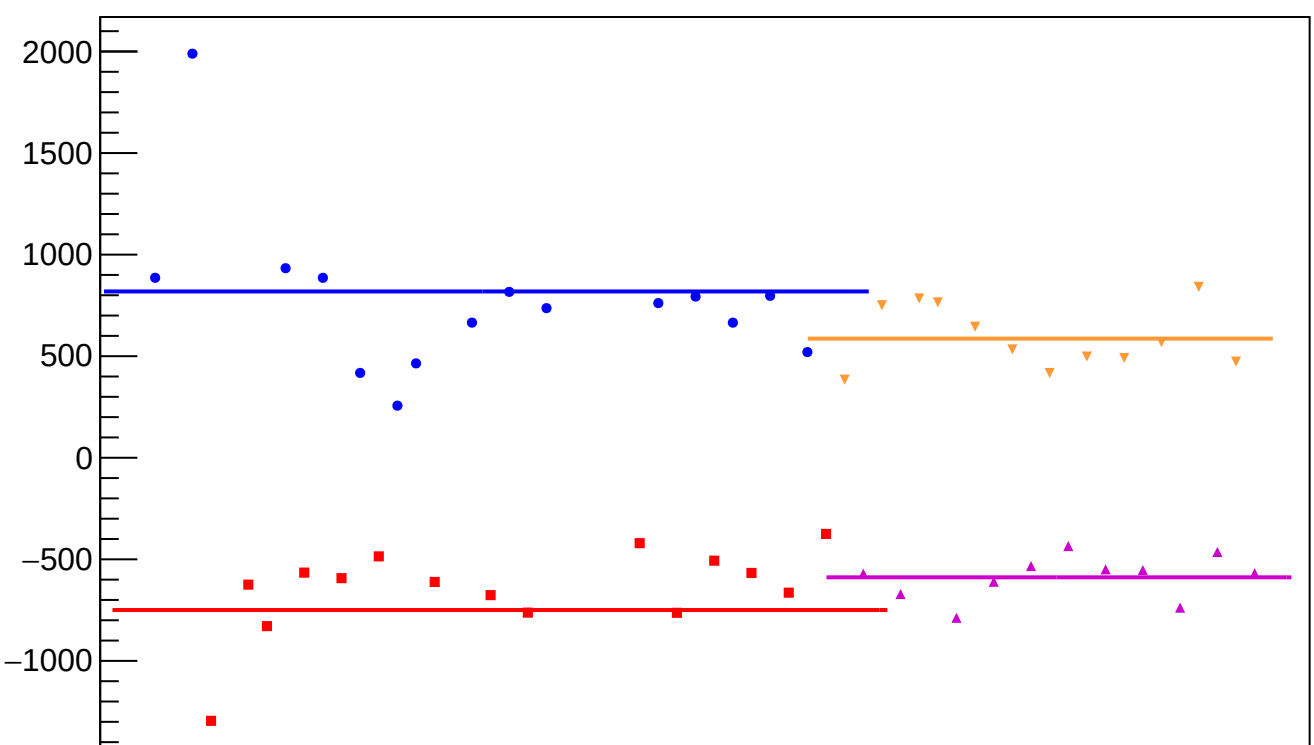
All: -24.887+/-0.000 χ^2/NDF: 393055602424

dit_usr_coil7_mean vs Slug, Sign Corrected



Left: -448.697+/-0.000 χ^2/NDF: 670706446890789
Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14
Right: -532.226+/-0.000 χ^2/NDF: 89888992461613
Left Out: 18569.658+/-0.000 χ^2/NDF:435545392994974589674056900812132581376 0.0/11
In: -940.058+/-0.000 χ^2/NDF:7868508361919144
Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15
Out: -30.145+/-0.000 χ^2/NDF:7820974438326909
Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10
All: -483.516+/-0.000 χ^2/NDF: 15696017258

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Left: -3.348+/-0.000 χ^2/NDF: 66529886275813901

Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14

Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925

Left Out: 586.466+/-0.000 χ^2/NDF:197989683367652659191751742871505469 44.0/11

In: -8.034+/-0.000 χ^2/NDF:870601201099148606

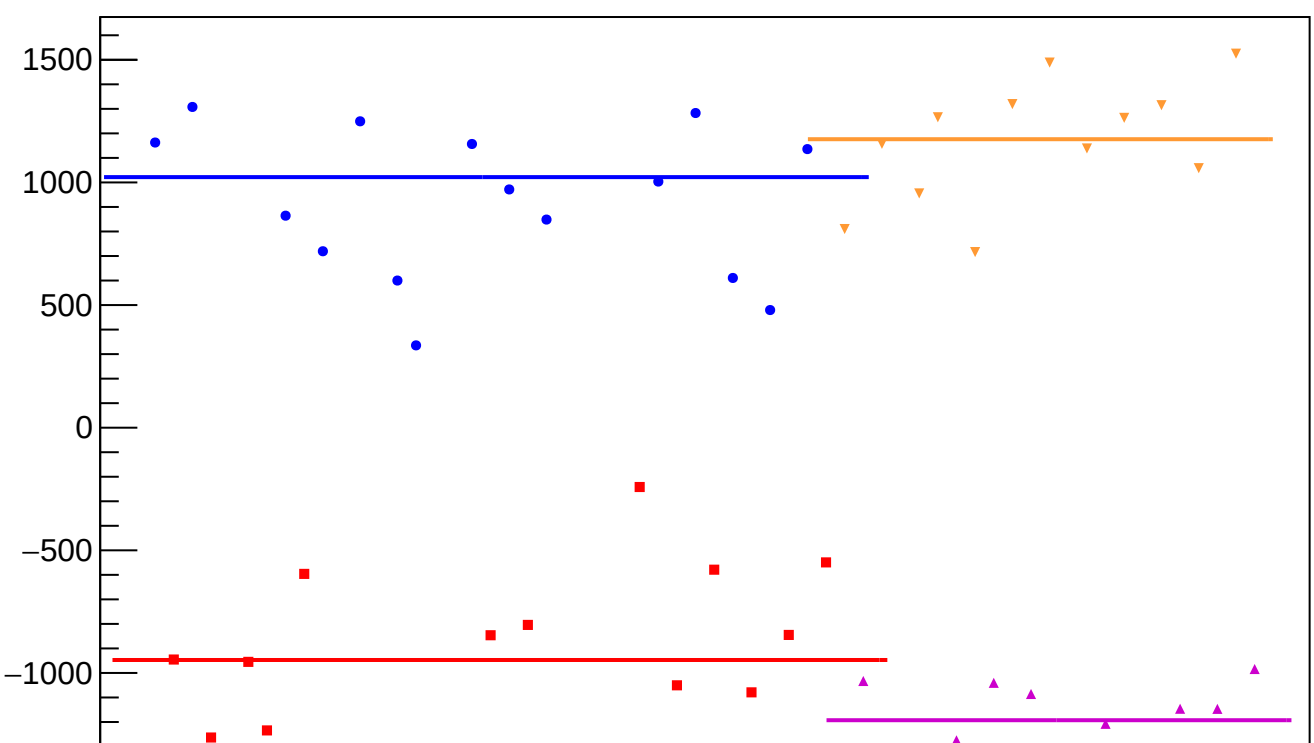
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915 0208.0/15

Out: 23.842+/-0.000 χ^2/NDF:7871153650932668 6

Left In: -588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10

All: 7.960+/-0.000 χ^2/NDF: 1658518460352 5

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF: 404931014708702783978362764035924951 04.0/14

Left Out: 1176.242+/-0.000 χ^2/NDF:533555257965920228823850231988832174 08.0/11

Right Out: -947.145+/-0.000 χ^2/NDF: 677846560119365215111696680280181964 80.0/15

Left In: -1192.687+/-0.000 χ^2/NDF:192552873837282056626540228673819115 52.0/10

Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

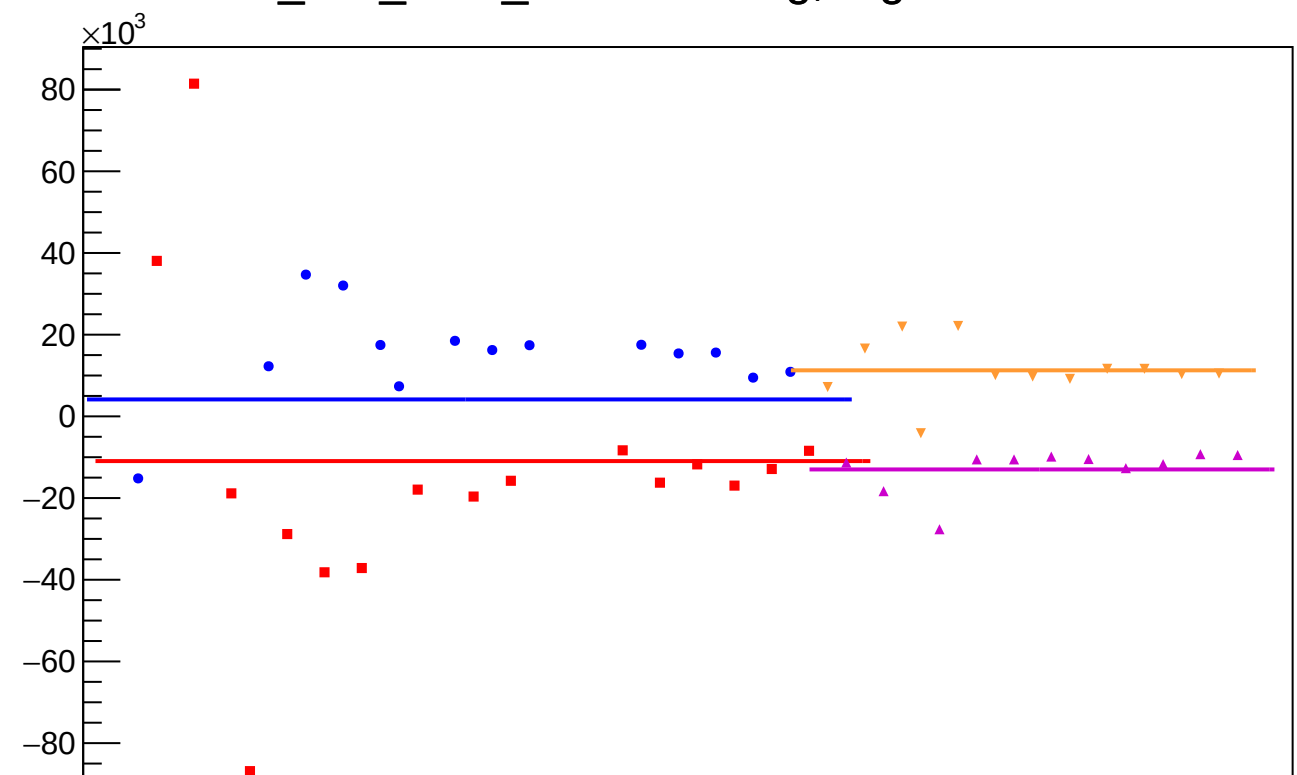
Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

All: 2.502+/-0.000 χ^2/NDF: 4039779109898 9

dit_atl1_coil7_mean vs Slug, Sign Corrected



Left: -907.861+/-0.000 χ^2/NDF: 332523614626730

Right In: 4145.268+/-0.000 χ^2/NDF: 763693998395064689637972381933507648159744.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11270.779+/-0.000 χ^2/NDF:3513704352703313906538875918268284849356 8.0/11

In: -5922.694+/-0.000 χ^2/NDF:902084767732052

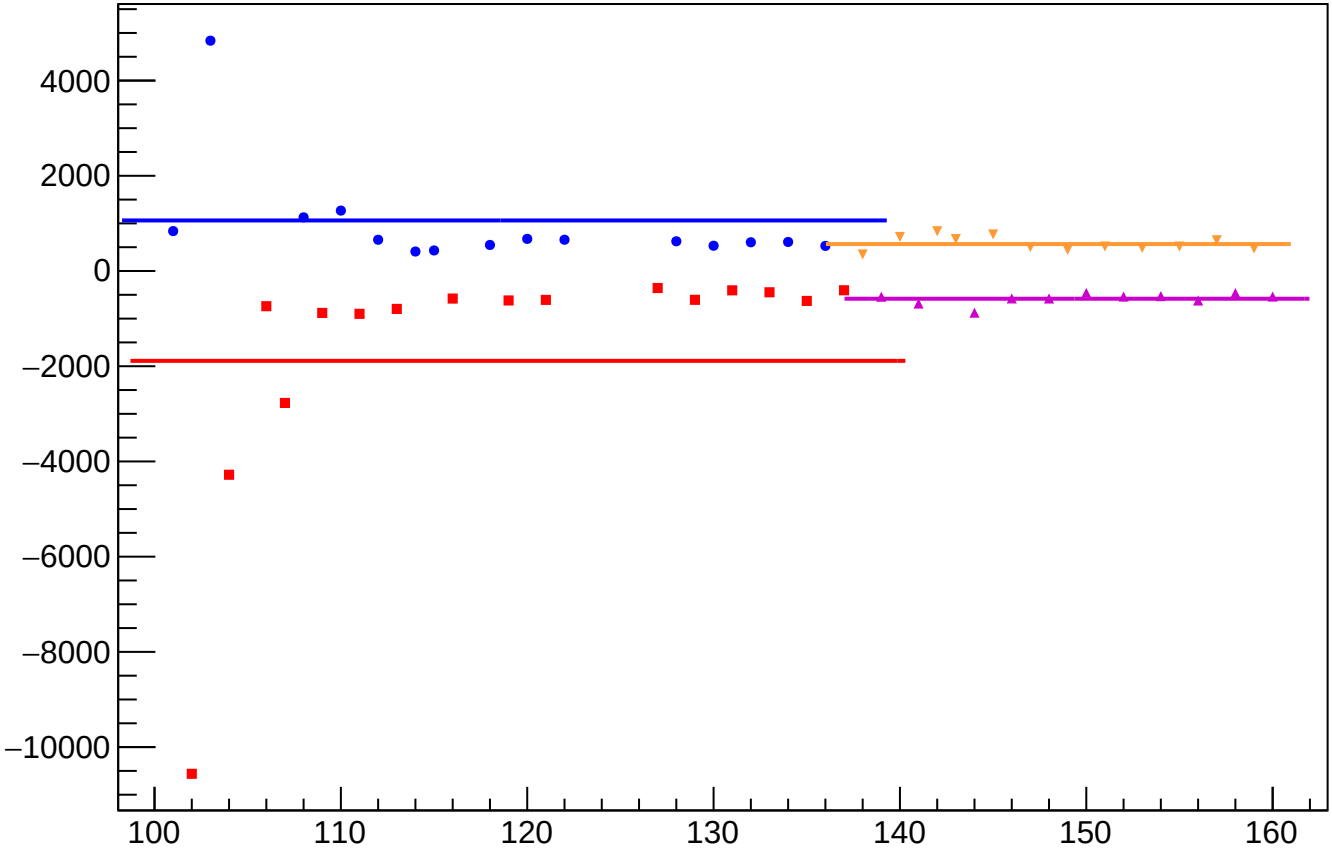
Right Out: -10948.073+/-0.000 χ^2/NDF: 873949668510327201514601463115396191092736.0/15

Out: 1914.734+/-0.000 χ^2/NDF:109971319391209

Left In: -12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625 0624.0/10

All: -1990.326+/-0.000 χ^2/NDF: 2050277278

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Left: -10.452+/-0.000 χ^2/NDF: 6353693271242409

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 565.876+/-0.000 χ^2/NDF:166473791256182929136478488787579384320.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

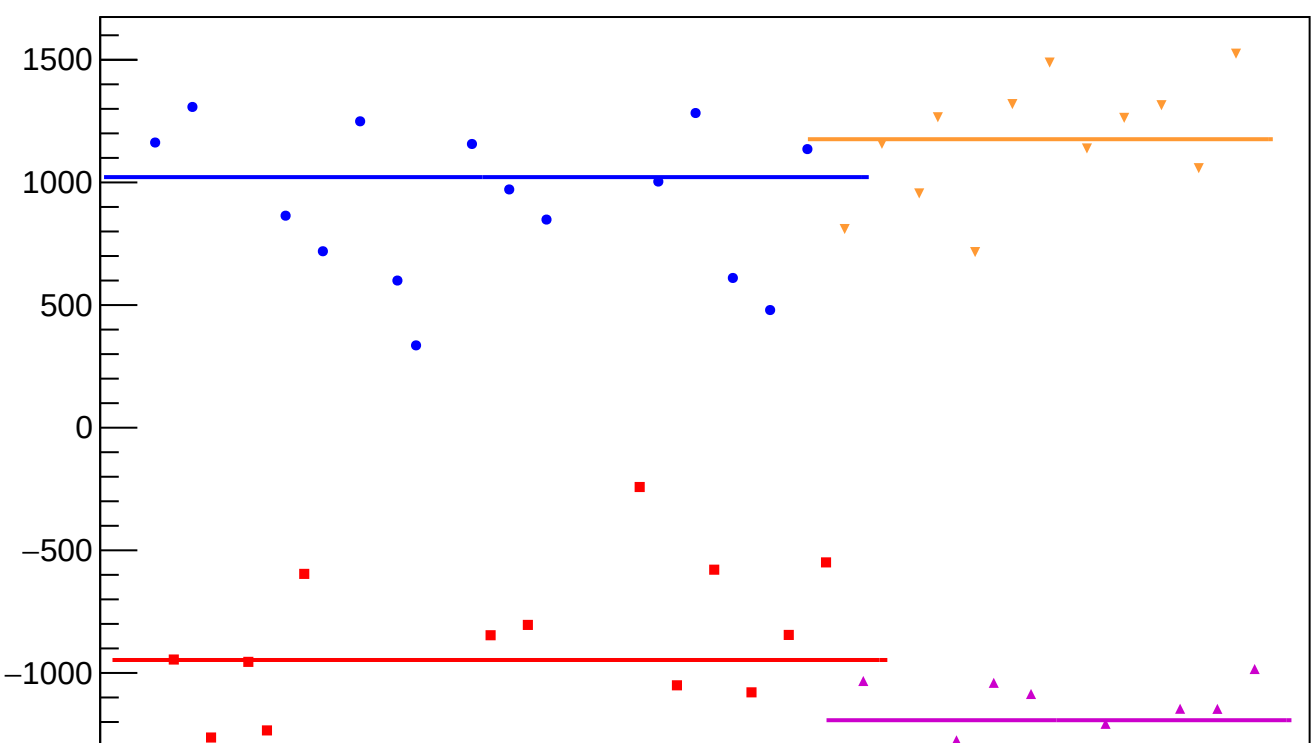
Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828352 0.0/15

Out: -467.028+/-0.000 χ^2/NDF:786589030895614

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962406 4.0/10

All: -186.440+/-0.000 χ^2/NDF: 10111903245

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

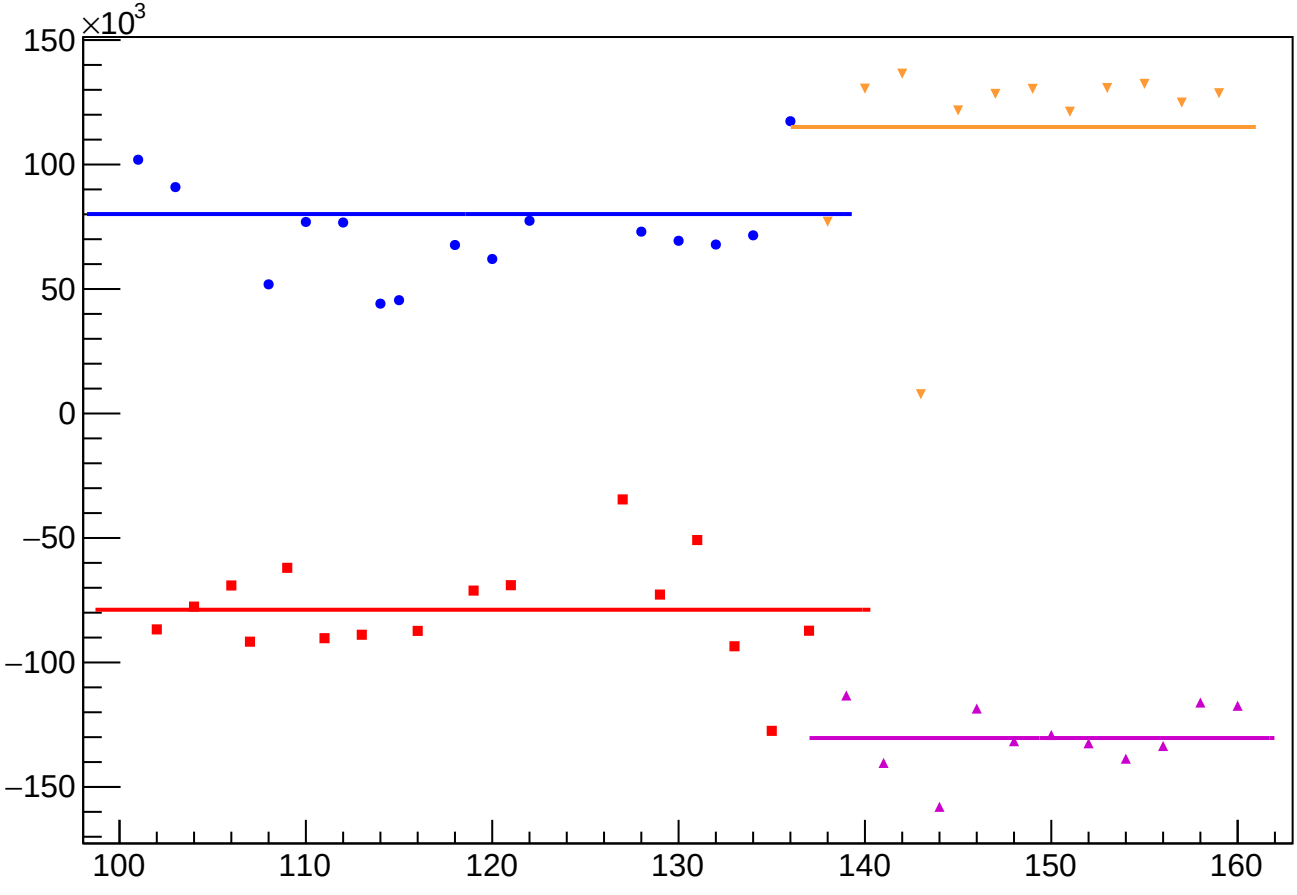
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

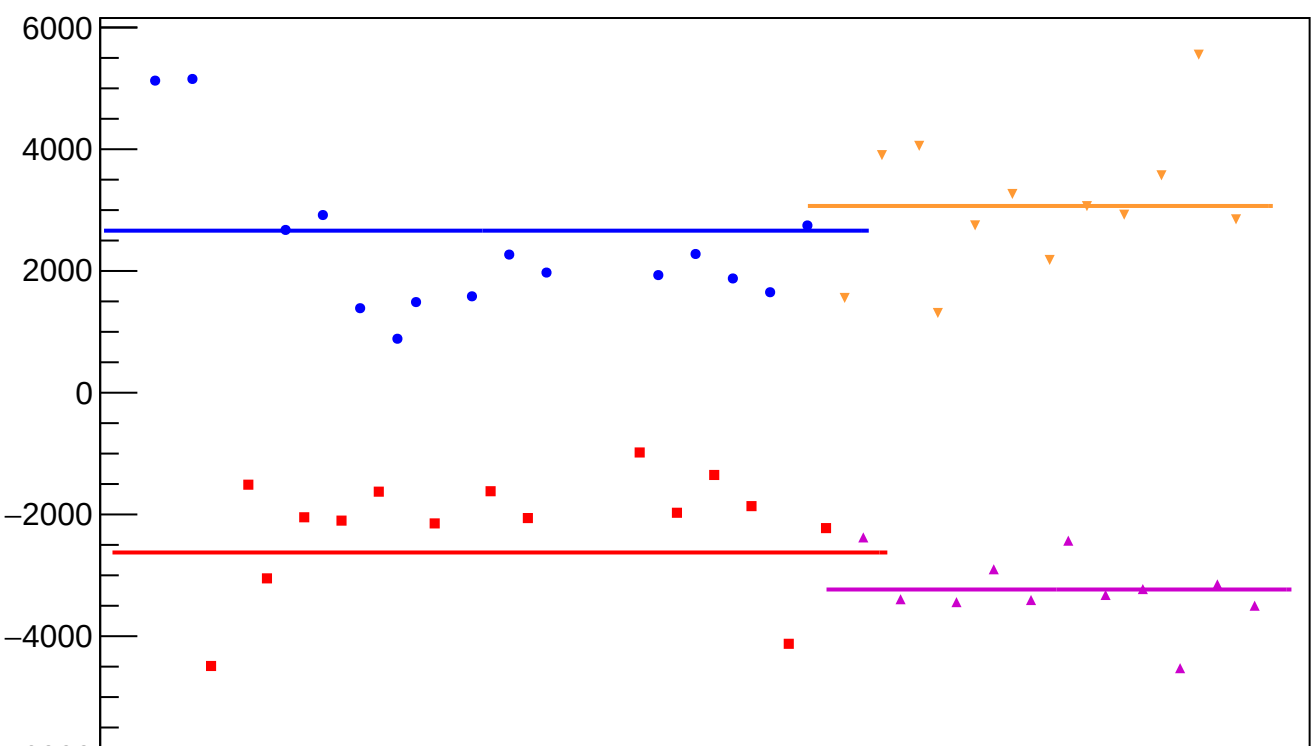
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_atl2_coil7_mean vs Slug, Sign Corrected



Left: -8104.096+/-0.000 χ^2/NDF: 28901003549848
Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14
Right: -443.492+/-0.000 χ^2/NDF: 88479516524724
Left Out: 115071.197+/-0.000 χ^2/NDF:10325006808320338789278995472903048307671 04.0/11
In: -43517.739+/-0.000 χ^2/NDF:17286902459469
Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15
Out: 33428.111+/-0.000 χ^2/NDF:15834261661640
Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10
All: -4910.762+/-0.000 χ^2/NDF: 3779399134

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Left: -94.481+/-0.000 χ^2/NDF: 1962565007329207

Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14

Right: -17.413+/-0.000 χ^2/NDF: 117922842657675

Left Out: 3067.875+/-0.000 χ^2/NDF:1078495187687389019694818149822179049472.0/11

In: -800.651+/-0.000 χ^2/NDF:1455555206694384

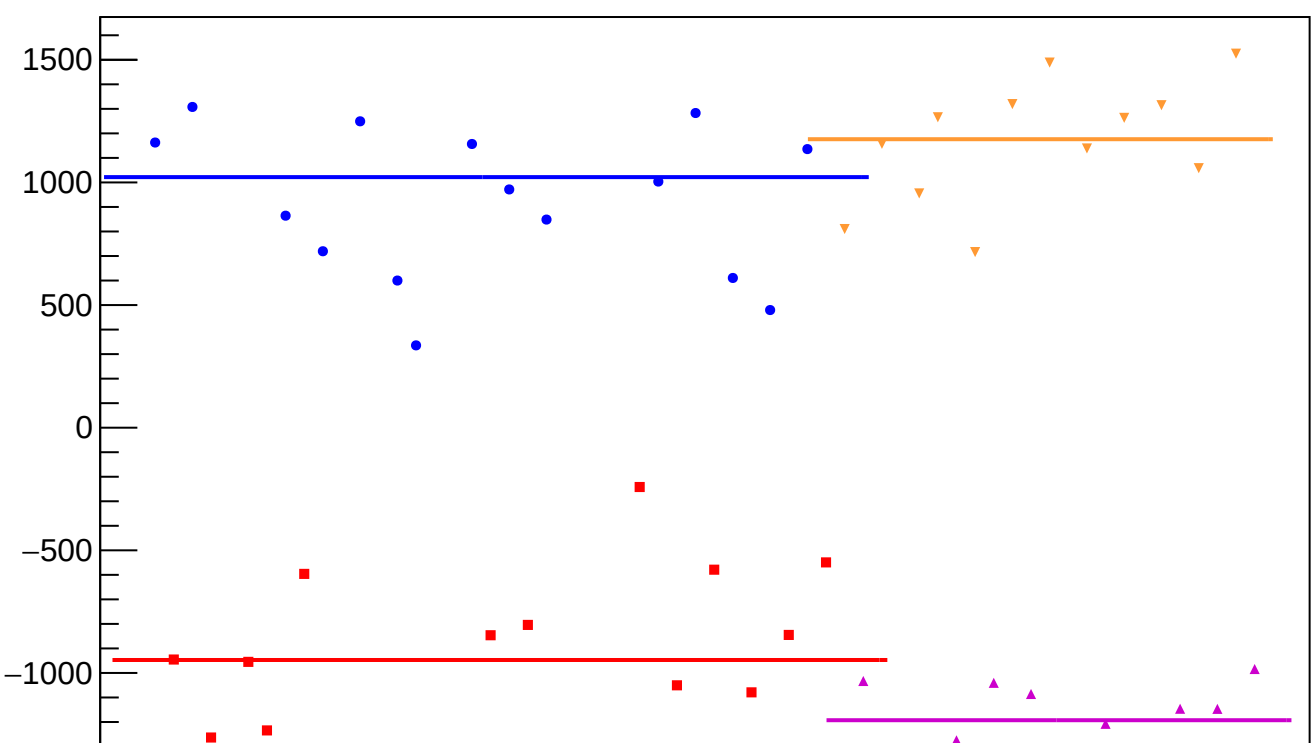
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15

Out: 670.814+/-0.000 χ^2/NDF:1515807076581912

Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10

All: -62.355+/-0.000 χ^2/NDF: 314224924174

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

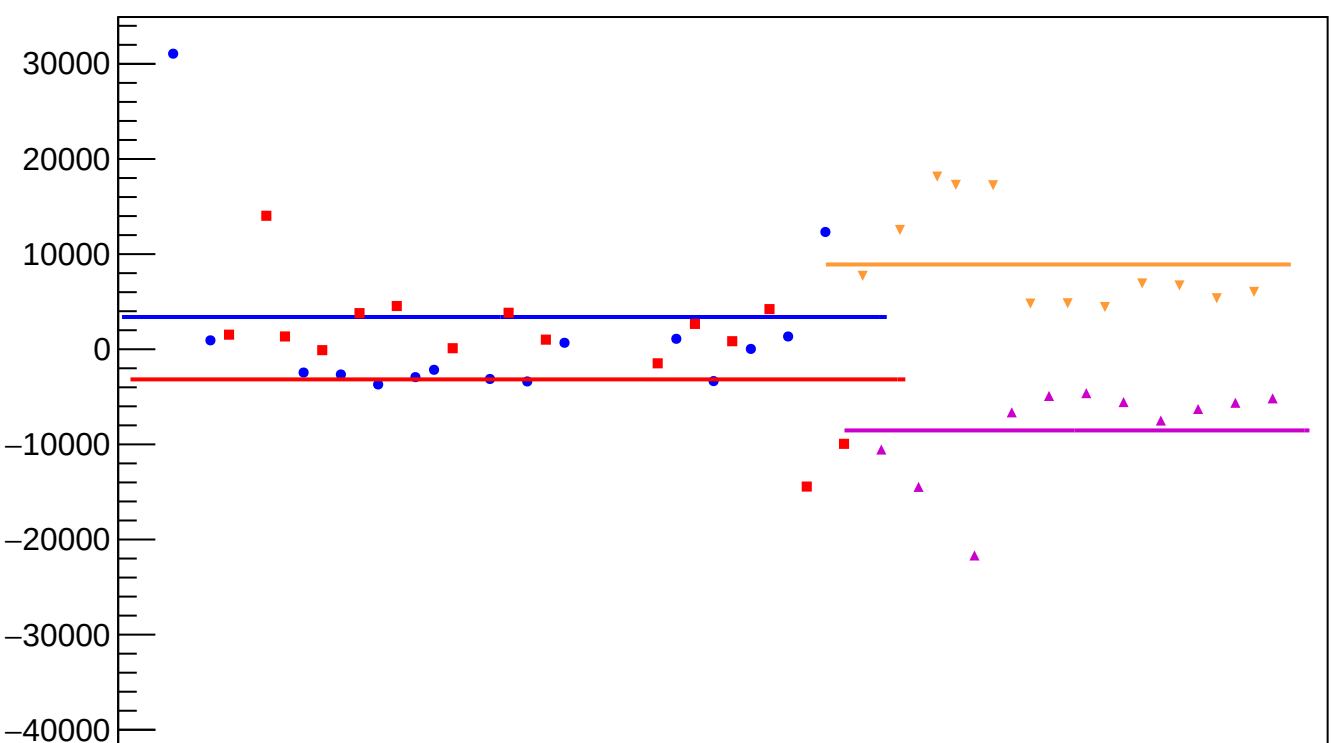
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

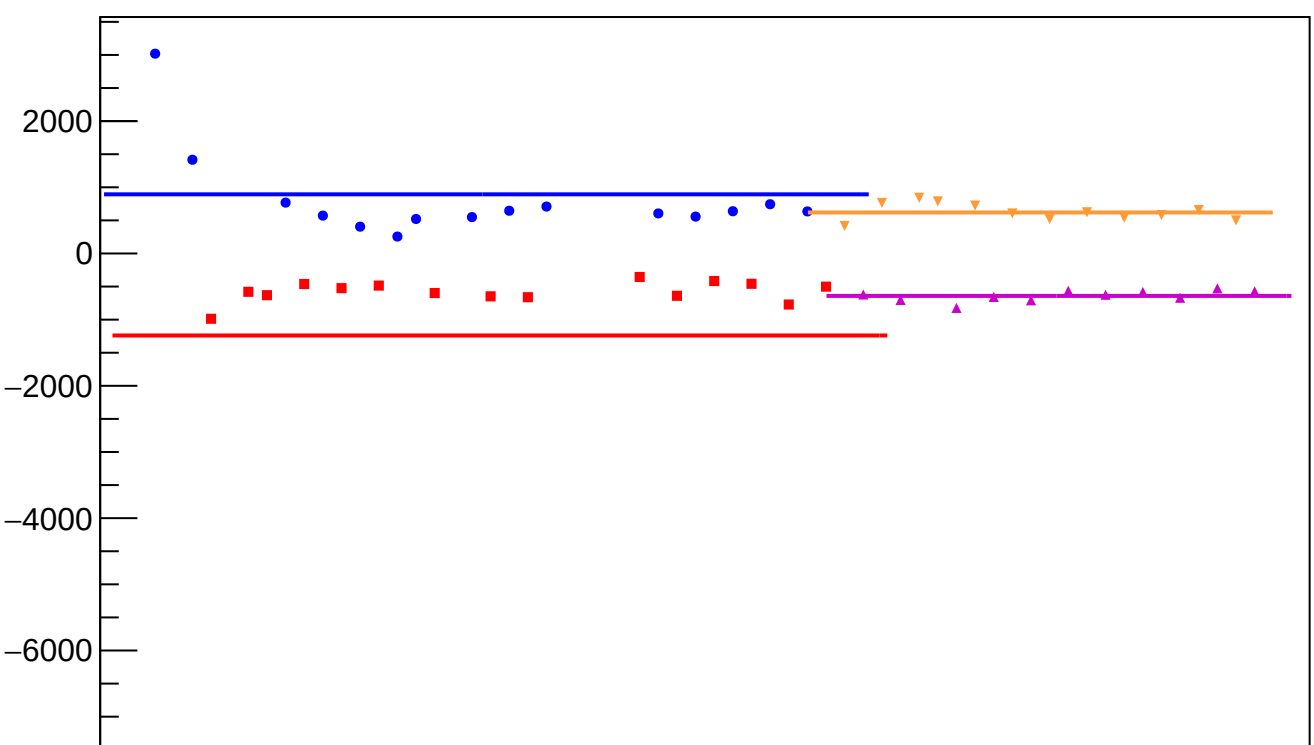
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_atr1_coil7_mean vs Slug, Sign Corrected



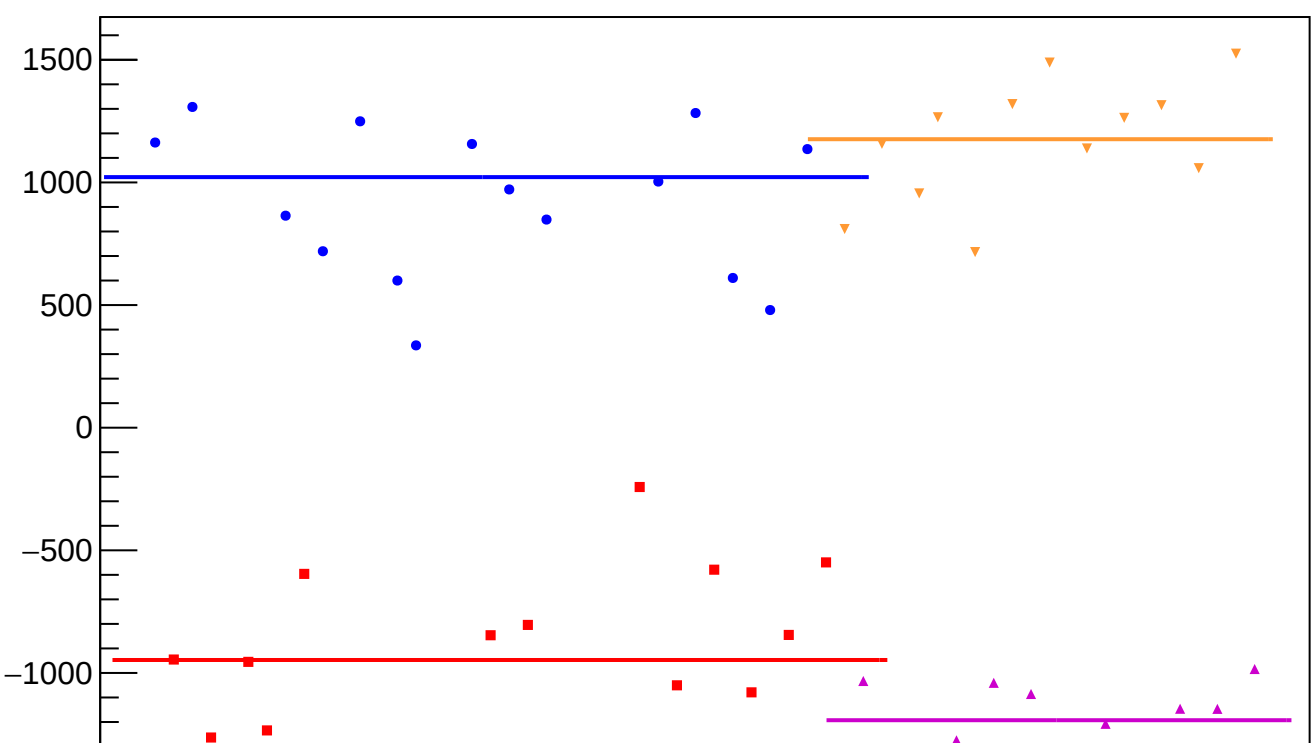
Left: 156.653+/-0.000 χ^2/NDF: 186439517427266
Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14
Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725
Left Out: 8912.459+/-0.000 χ^2/NDF:2207054440264607428426823169080523594137 6.0/11
In: -3613.388+/-0.000 χ^2/NDF:14436979844717 1
Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15
Out: 3825.803+/-0.000 χ^2/NDF:2161704755068 30
Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10
All: 119.168+/-0.000 χ^2/NDF: 40421807927 4

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Left: -13.461+/-0.000 χ^2/NDF: 7504621262145968
Right In: 893.683+/-0.000 χ^2/NDF: 3345836190786310089324042282273593098 24.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 619.363+/-0.000 χ^2/NDF:1274331059790780227359809930048988 7744.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 2970990859486483990408108918937565003776.0/15
Out: -163.293+/-0.000 χ^2/NDF:431768646562463
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -85.966+/-0.000 χ^2/NDF: 557579474185

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

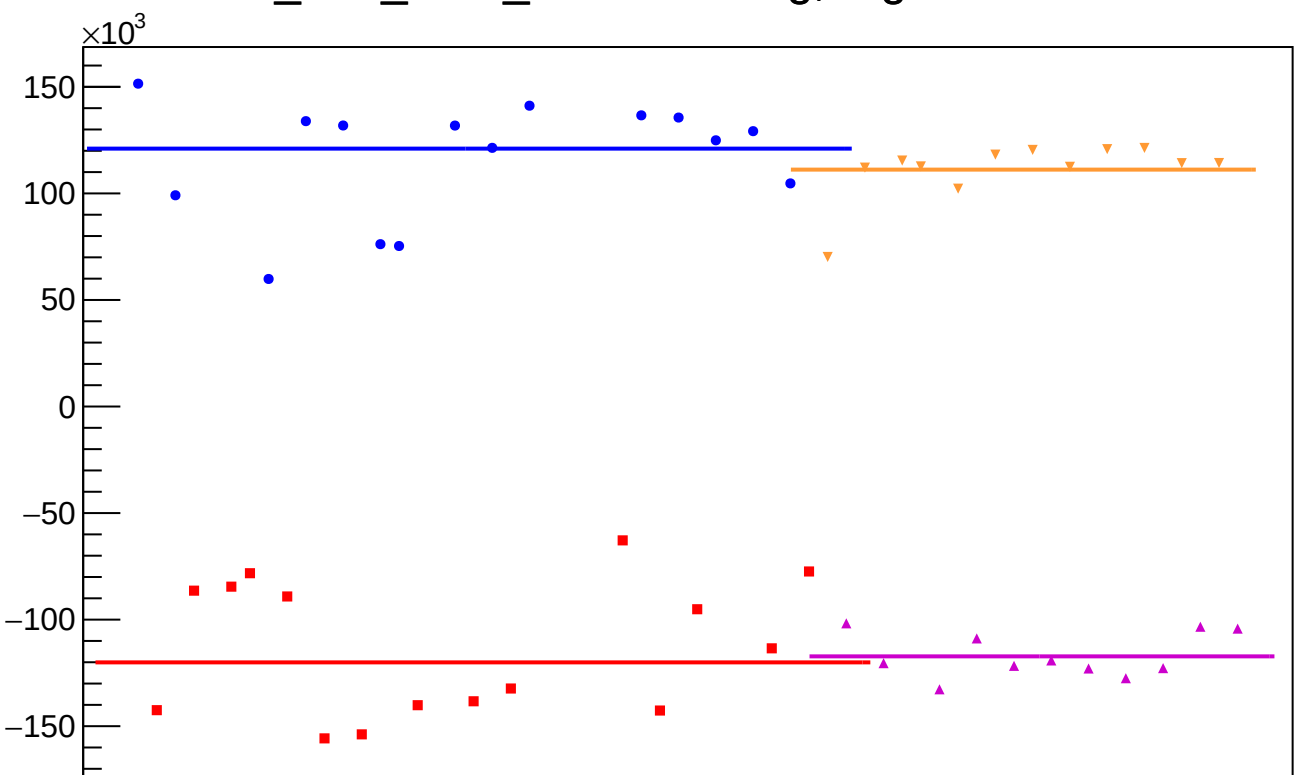
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

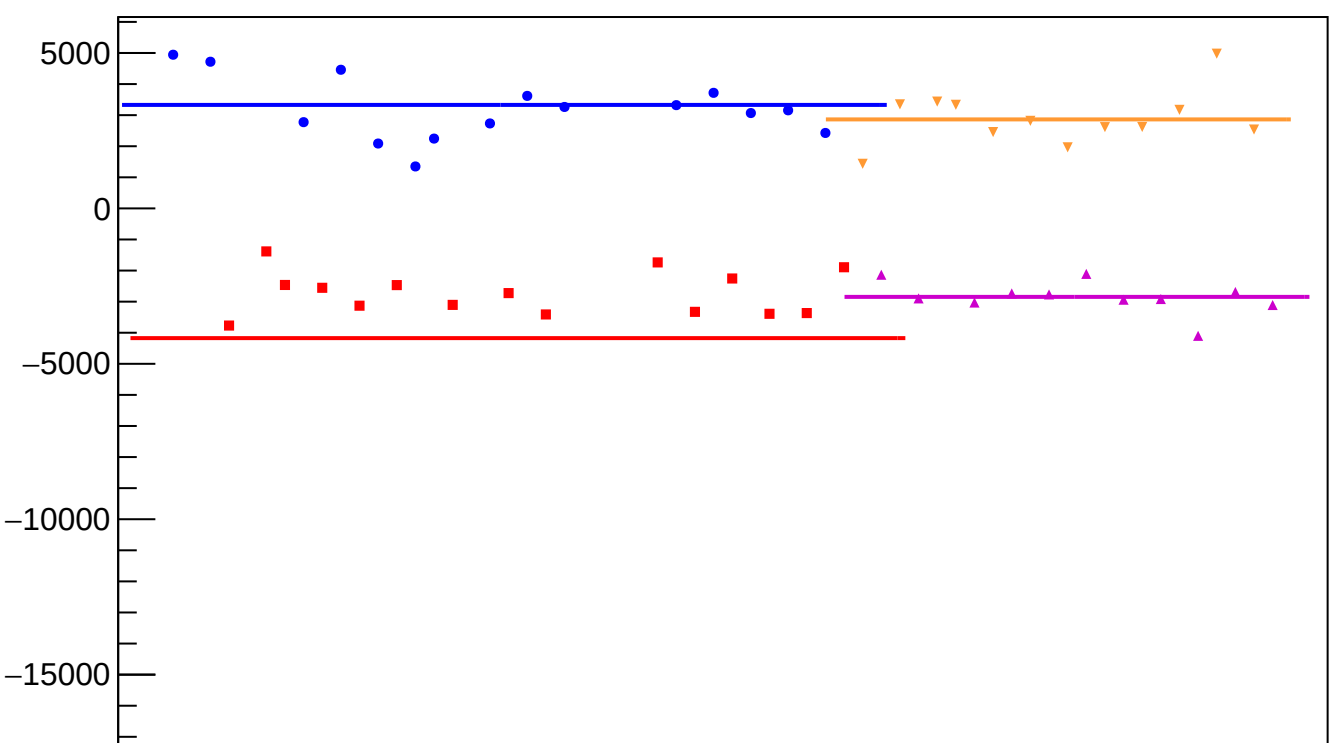
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_atr2_coil7_mean vs Slug, Sign Corrected



Left: -3469.561+/-0.000 χ^2/NDF: 24269872595943
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111166.801+/-0.000 χ^2/NDF:167364192439388047212250461007969368670208.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13800.173+/-0.000 χ^2/NDF:2164097647755 1
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2511.323+/-0.000 χ^2/NDF: 4457837354

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: -2.550+/-0.000 χ^2/NDF: 15902711731556082

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2863.169+/-0.000 χ^2/NDF:668766817298044492245074854515224608768.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

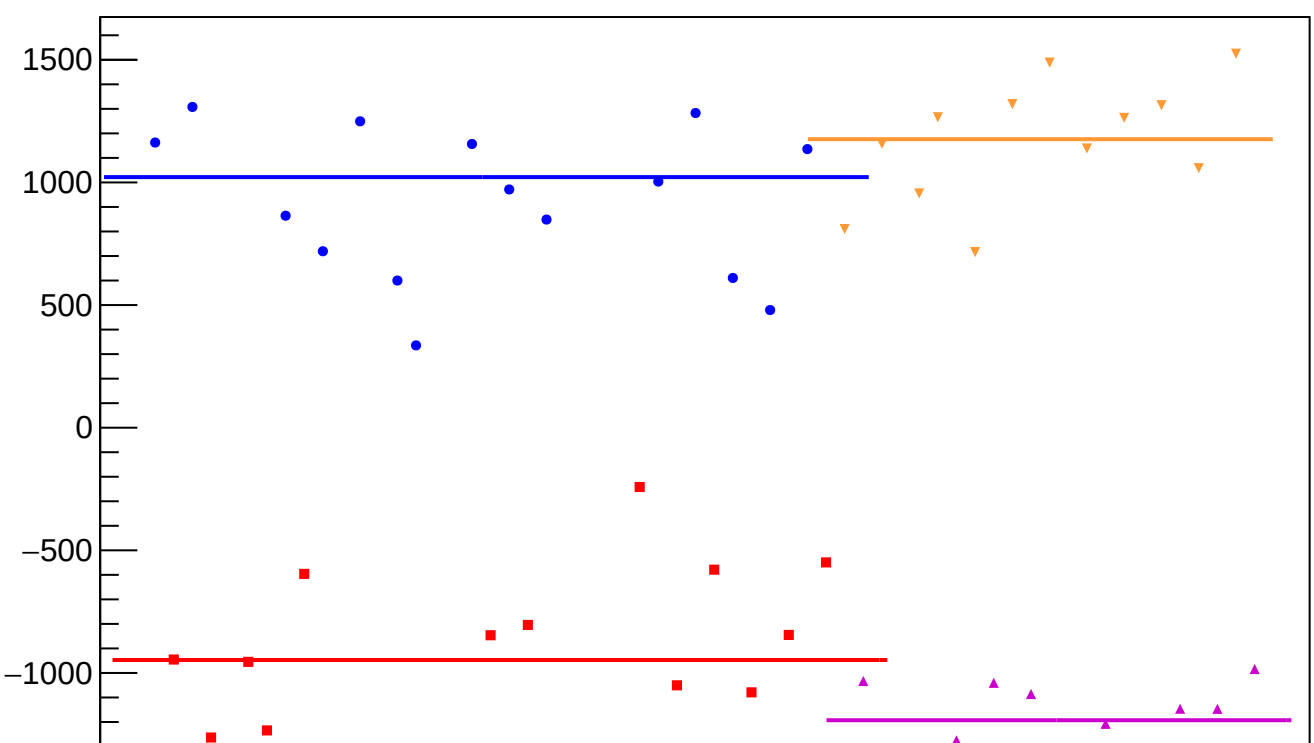
Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -99.845+/-0.000 χ^2/NDF:3328605232002886

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.776+/-0.000 χ^2/NDF: 48655252714

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

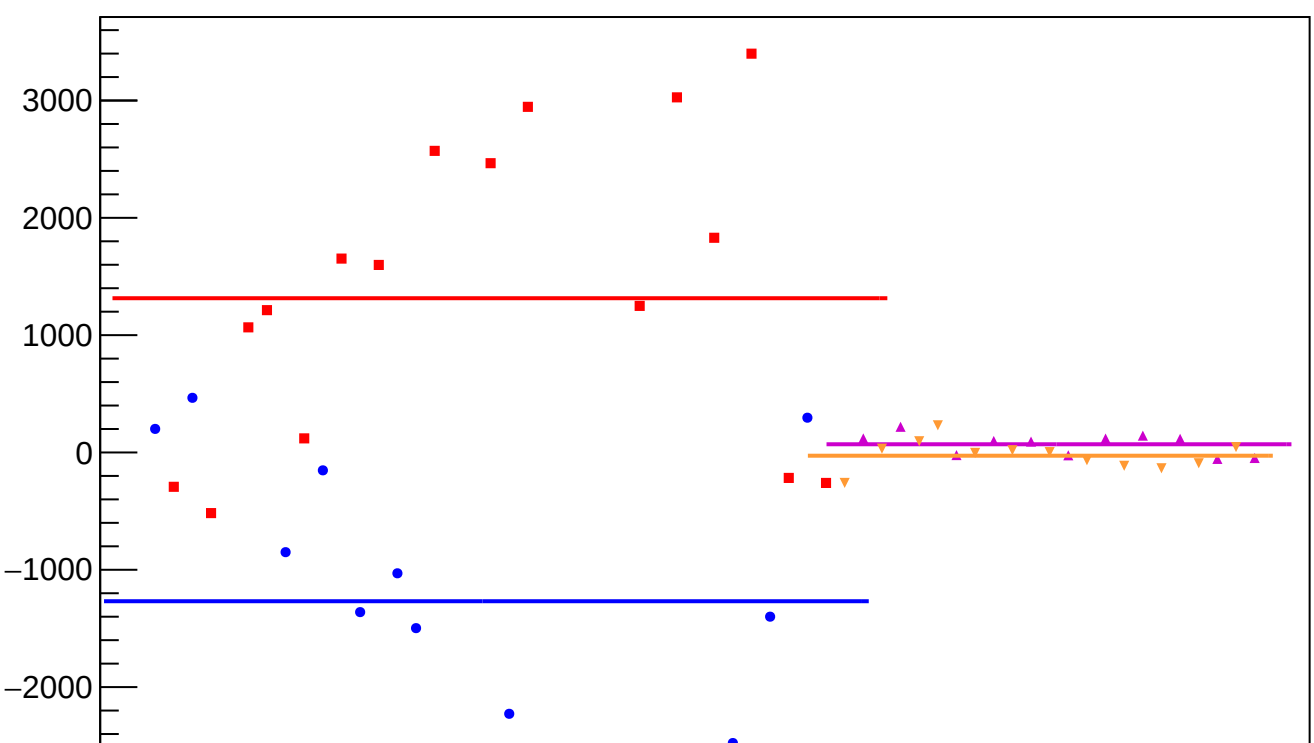
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

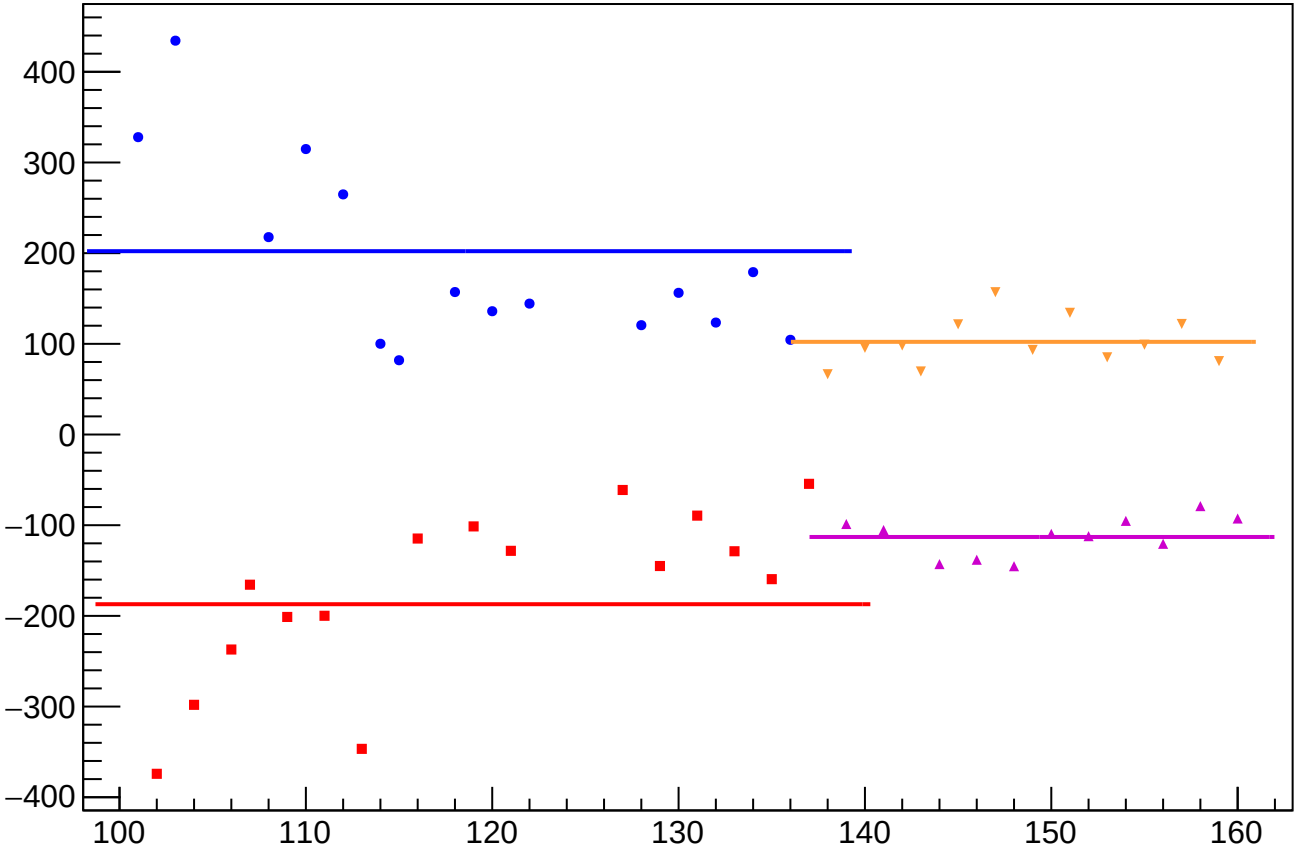
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam1_coil7_mean vs Slug, Sign Corrected



Left: 21.302+/-0.000 χ^2/NDF: 2367978487139292
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0.0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.654+/-0.000 χ^2/NDF:1240413161703628881857363251691729715 2.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 537.620+/-0.000 χ^2/NDF:180672936250387 6
Left In: 69.887+/-0.000 χ^2/NDF:689672905510609549267529077554465996 8.0/10
All: 29.520+/-0.000 χ^2/NDF: 4409078738323

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -5.794+/-0.000 χ^2/NDF: 22329321836444331

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: 102.211+/-0.000 χ^2/NDF:617349982651654313498458631453016064.0/11

In: 17.055+/-0.000 χ^2/NDF:45296015333849290

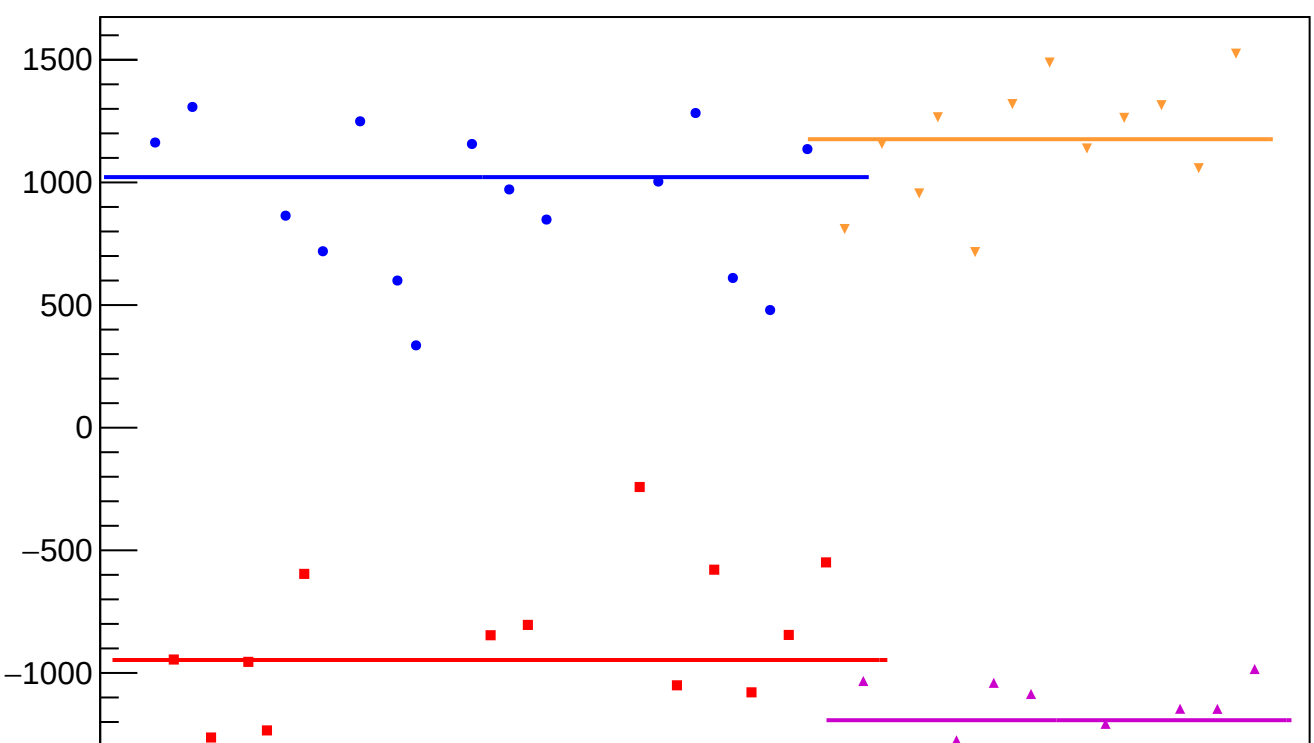
Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.625+/-0.000 χ^2/NDF:3917308434044750

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.349+/-0.000 χ^2/NDF: 8553091353048

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

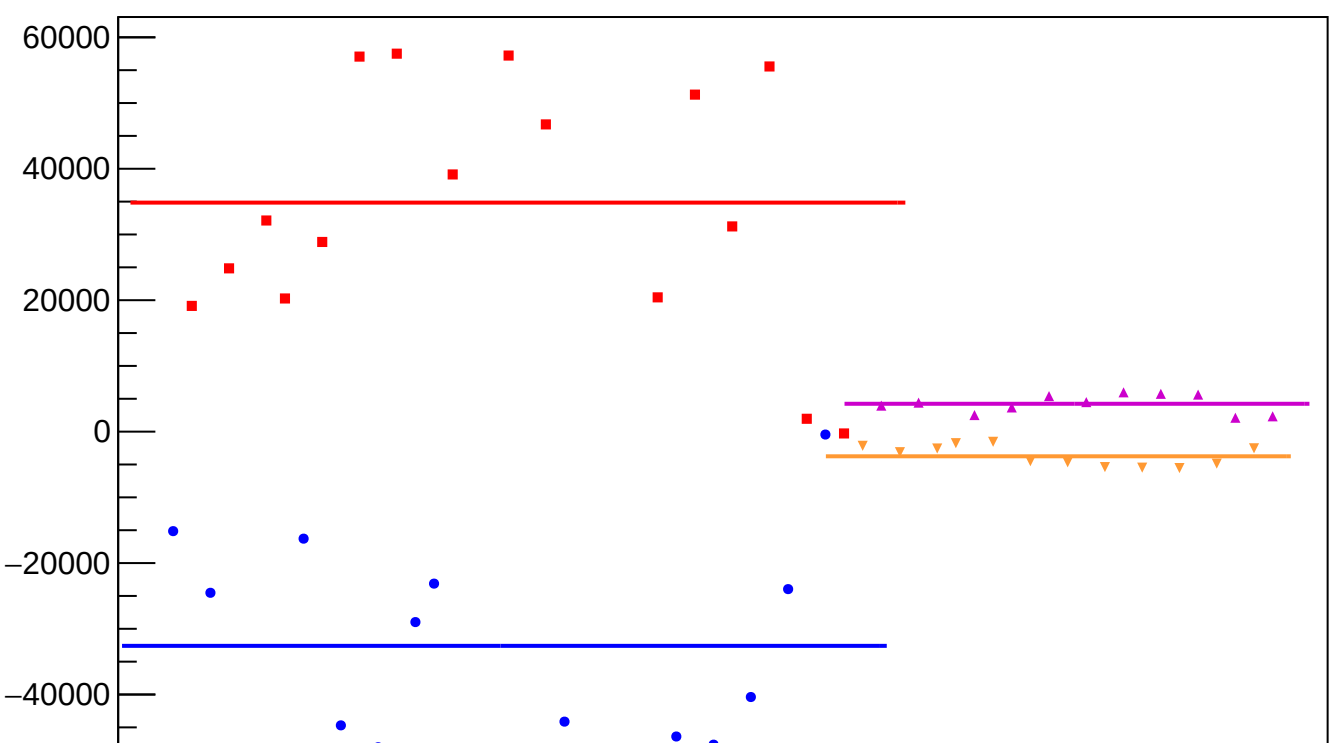
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam2_coil7_mean vs Slug, Sign Corrected



Left: 258.348+/-0.000 χ^2/NDF: 3307112965048947

Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14

Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603

Left Out: -3752.448+/-0.000 χ^2/NDF:200401892239786451250625175198296860262 4.0/11

In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7

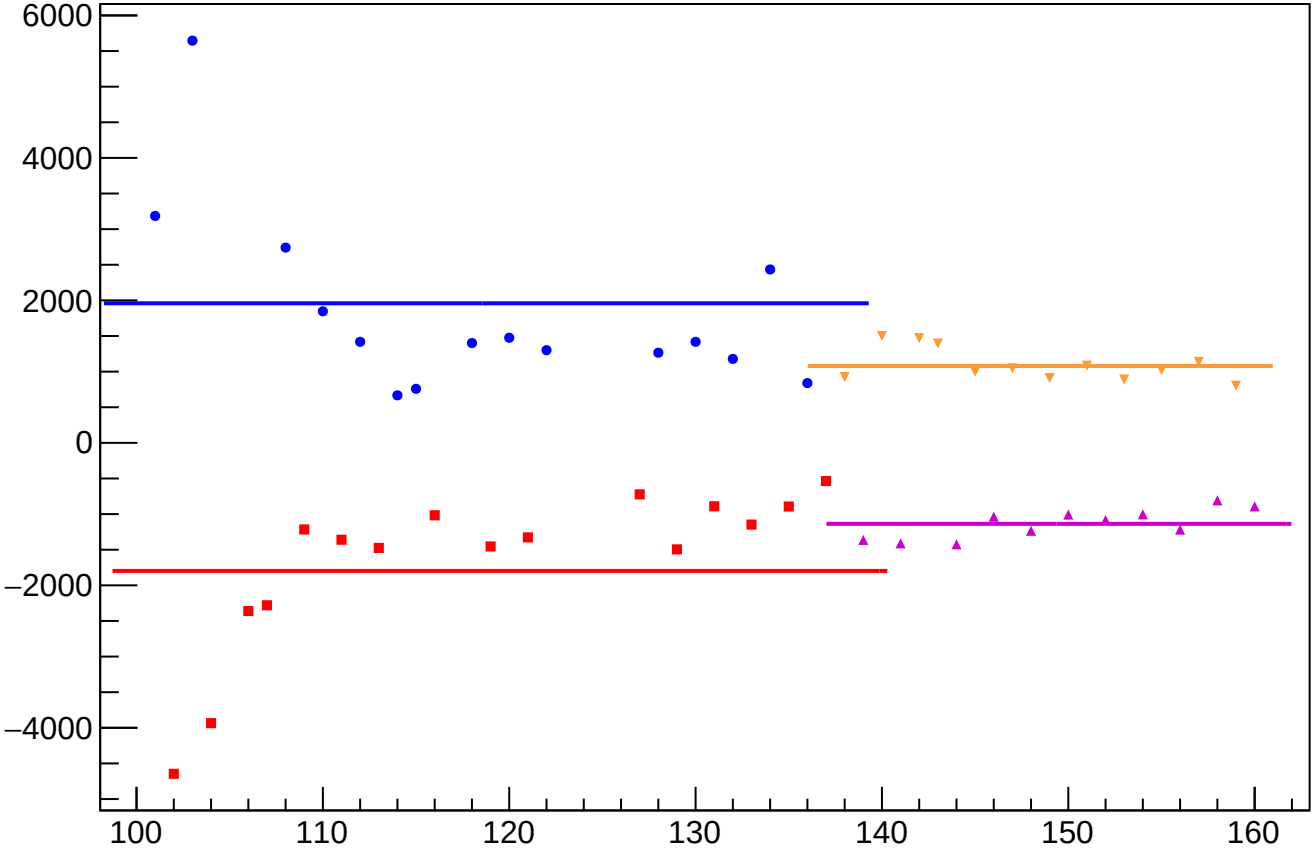
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15

Out: 12501.674+/-0.000 χ^2/NDF:7984732334740 0

Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10

All: 812.523+/-0.000 χ^2/NDF: 19609015766 2

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Left: -32.969+/-0.000 χ^2/NDF: 2339525049337502

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1079.227+/-0.000 χ^2/NDF:4283945866125572460989440605846241280 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

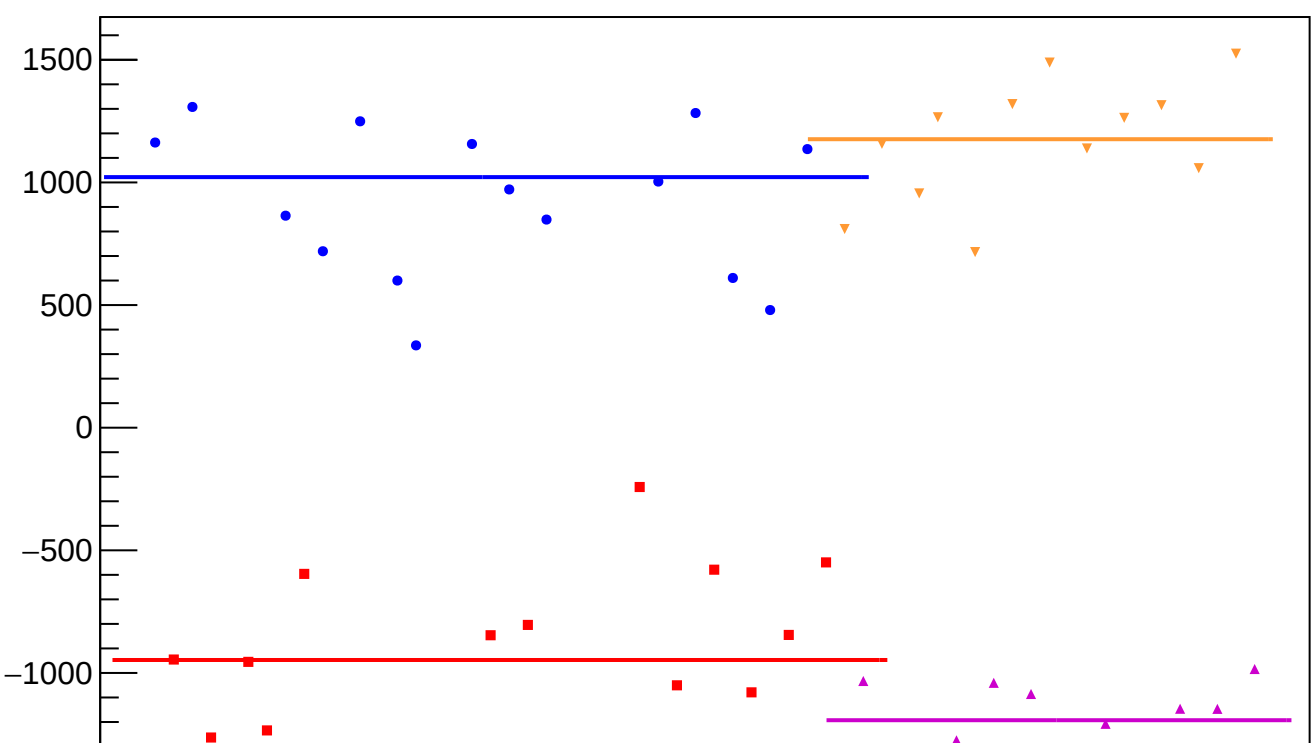
Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.077+/-0.000 χ^2/NDF:419318398418224

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.715+/-0.000 χ^2/NDF: 9130958832355

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

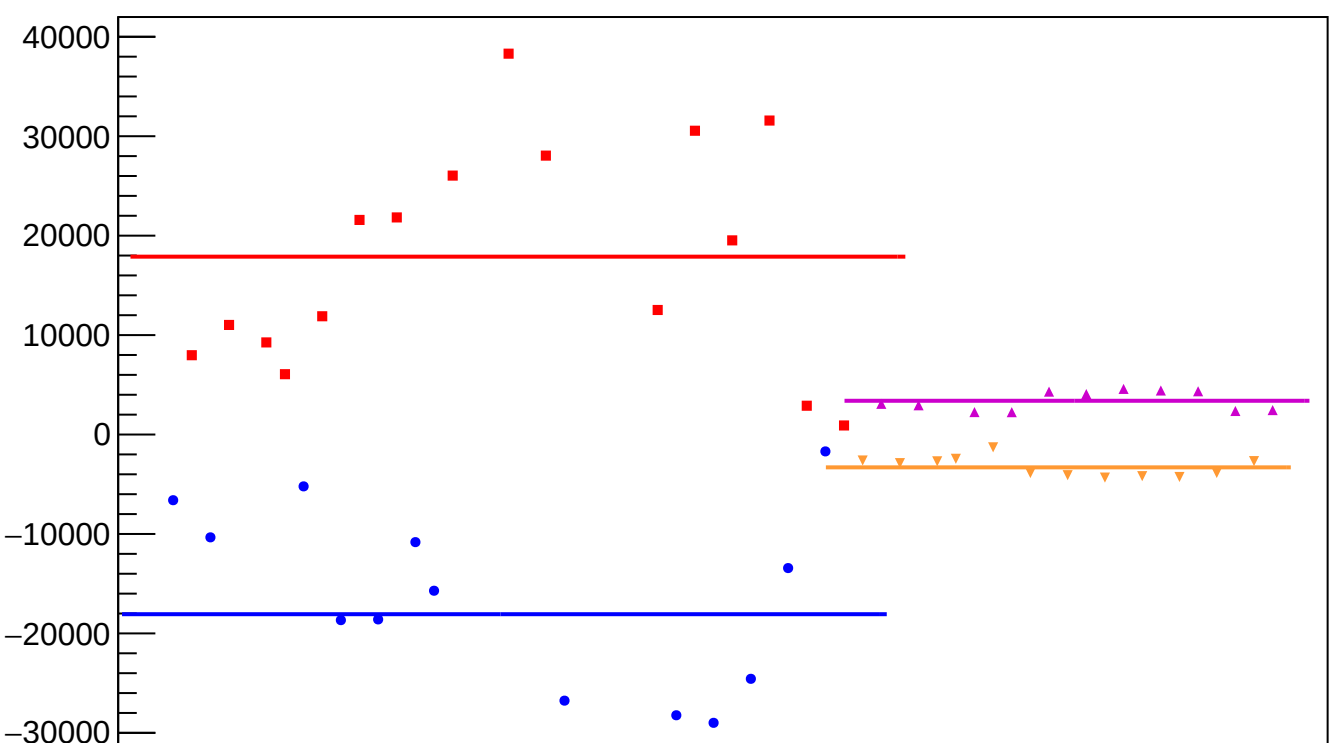
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

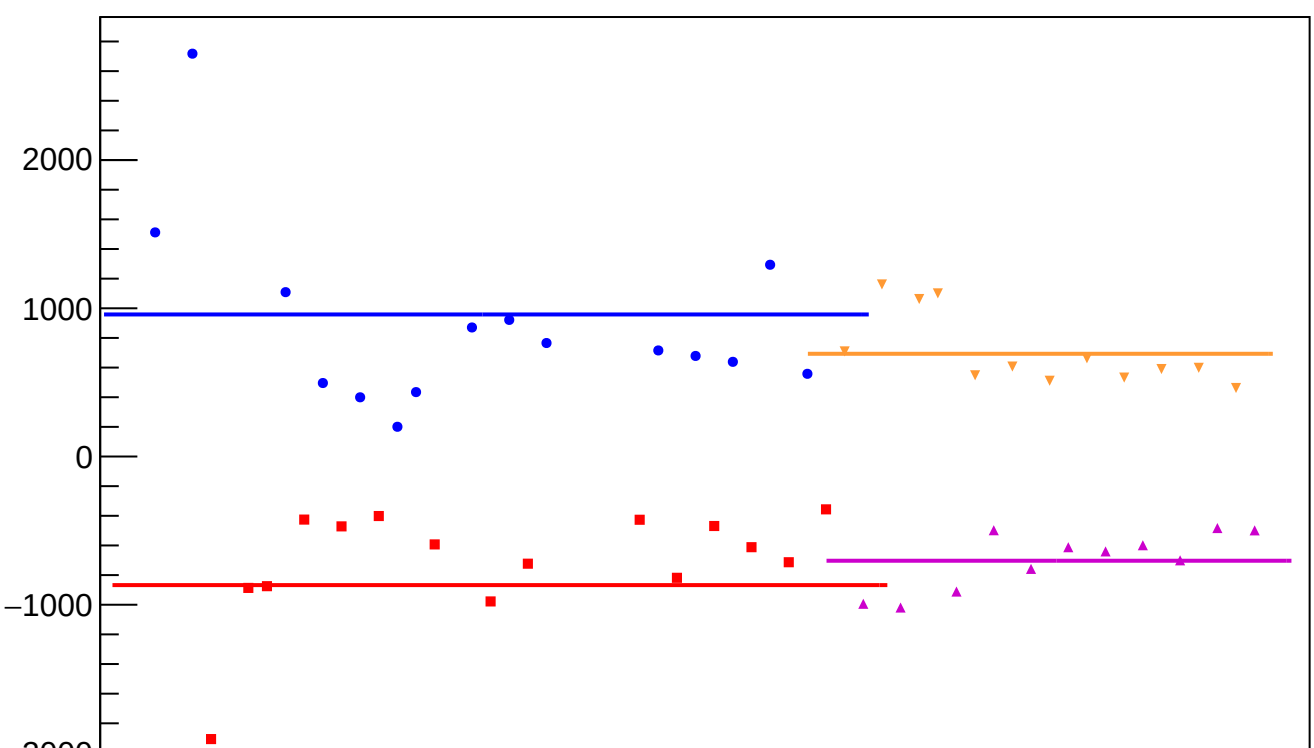
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam3_coil7_mean vs Slug, Sign Corrected



Left: 59.316+/-0.000 χ^2/NDF: 2224214762821478
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3301.165+/-0.000 χ^2/NDF:8045720068680885182245034797299746734 08.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5621.355+/-0.000 χ^2/NDF:252580420870454
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.495+/-0.000 χ^2/NDF: 6102466696824

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Left: -7.698+/-0.000 χ^2/NDF: 97780669416064476

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 693.081+/-0.000 χ^2/NDF:4851473446850370812653864126724125 4912.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

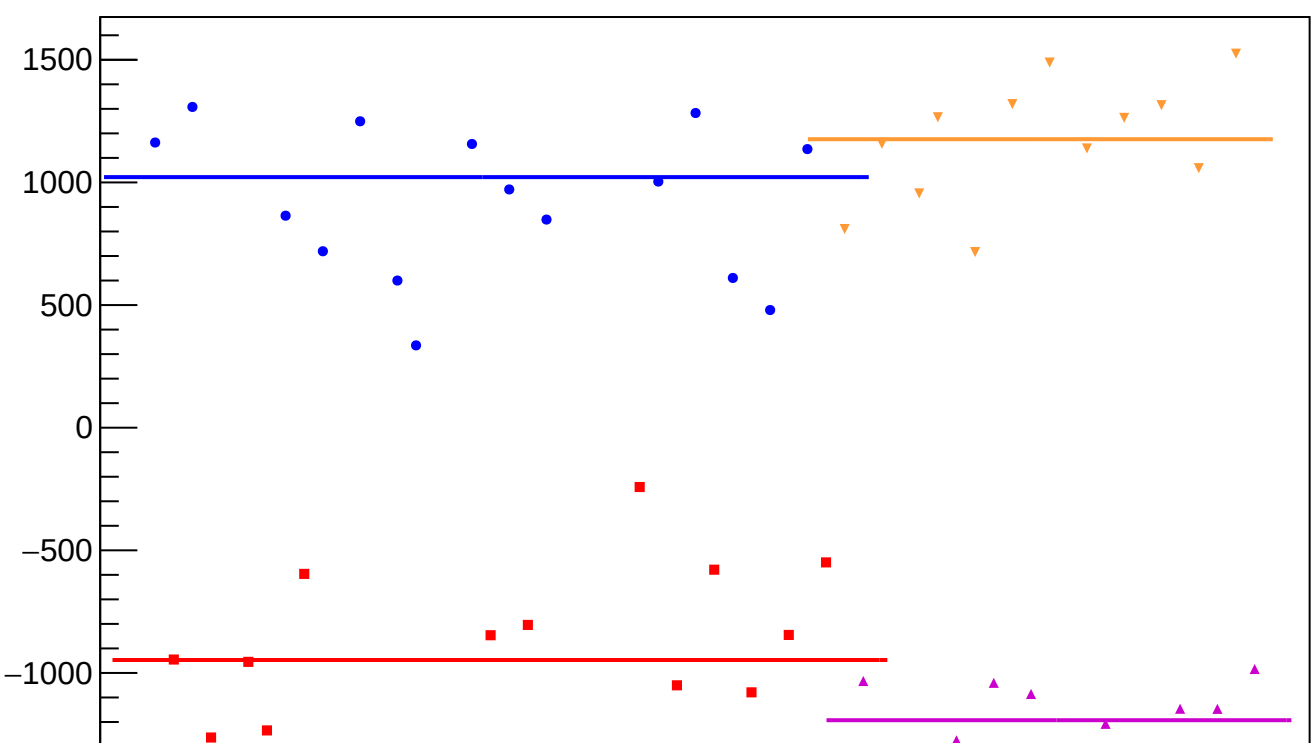
Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.927+/-0.000 χ^2/NDF:1205090393520215 9

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.246+/-0.000 χ^2/NDF: 2556646870304 2

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

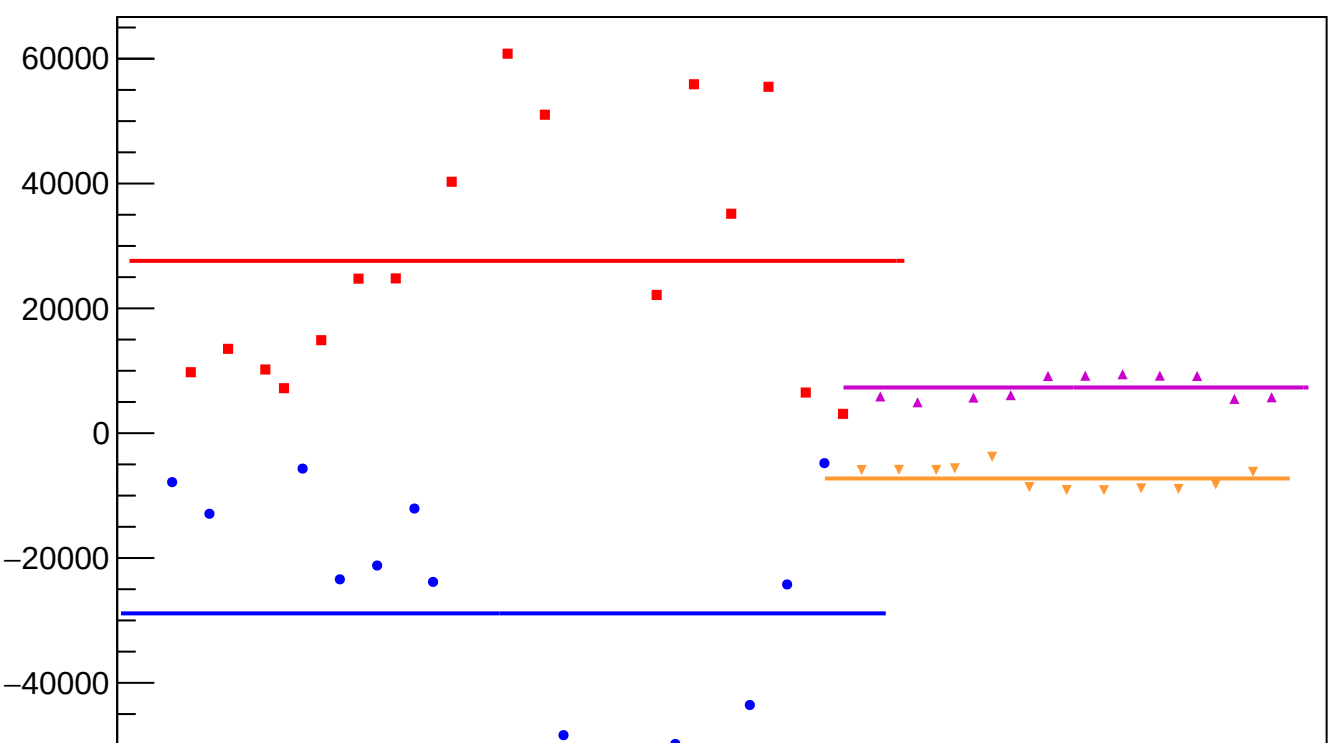
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

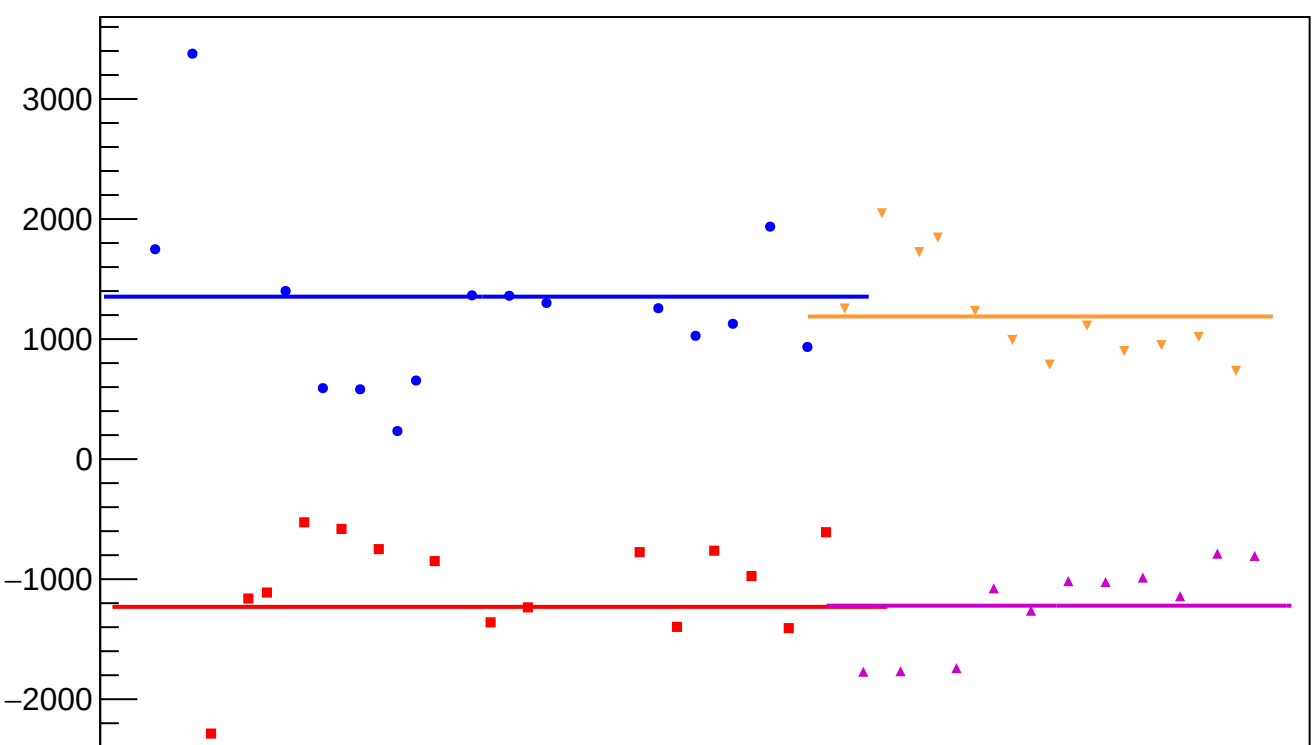
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam4_coil7_mean vs Slug, Sign Corrected



Left: 63.226+/-0.000 χ^2/NDF: 1037243095558681
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7254.077+/-0.000 χ^2/NDF:285255888049232166346706246602722377728 0.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7427.050+/-0.000 χ^2/NDF:720322837766994
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.270+/-0.000 χ^2/NDF: 166263565673

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Left: -20.773+/-0.000 χ^2/NDF: 2937905833328577

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1188.374+/-0.000 χ^2/NDF:1503886366143269167509182202875090042 88.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

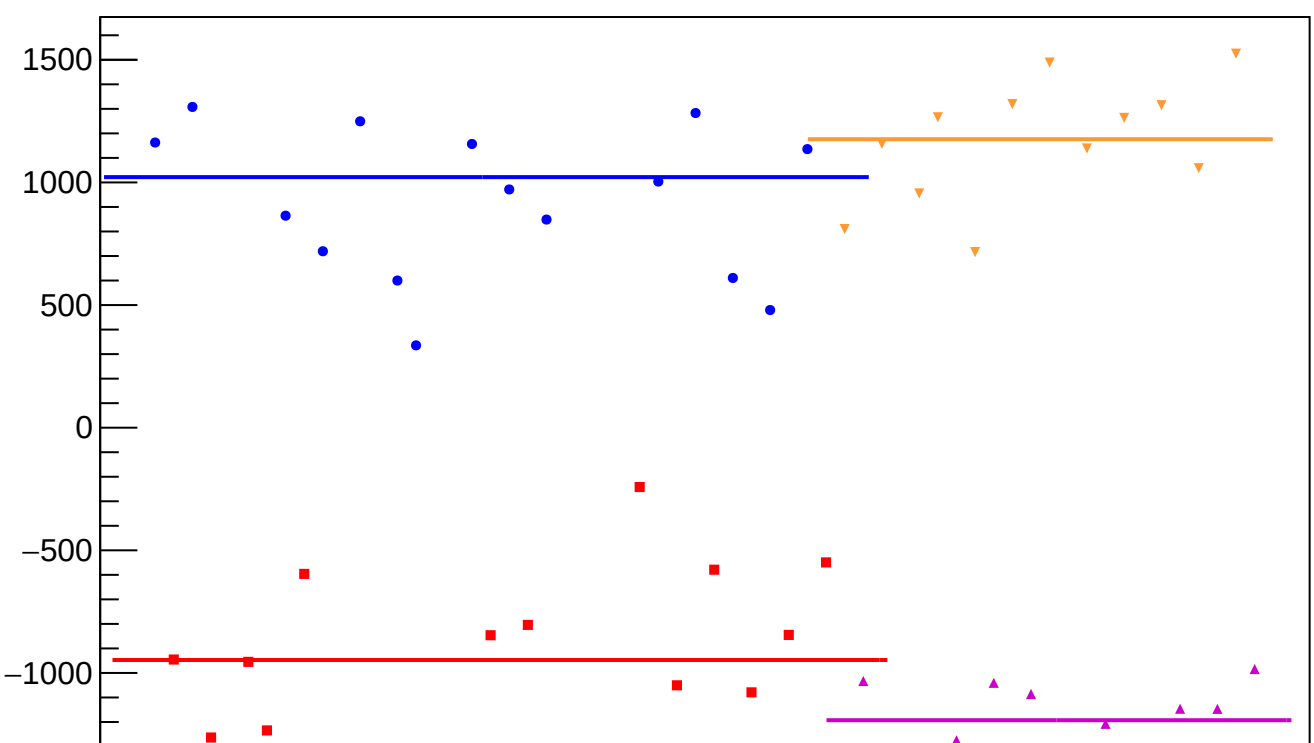
Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 169.765+/-0.000 χ^2/NDF:2686887830938802

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.110+/-0.000 χ^2/NDF: 5767393377296 5

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

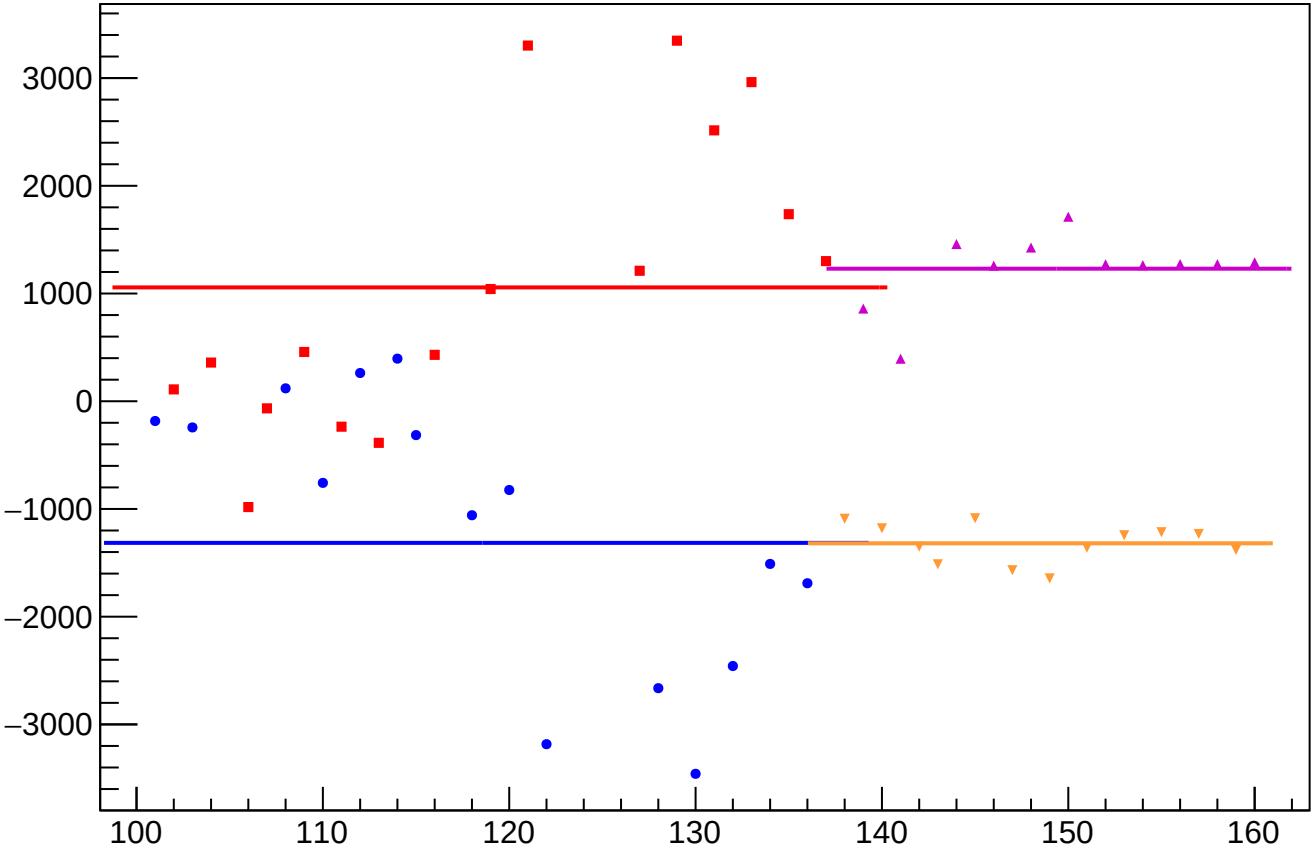
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam5_coil7_mean vs Slug, Sign Corrected



Left: -39.345+/-0.000 χ^2/NDF: 3120127599726201

Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14

Right: -112.789+/-0.000 χ^2/NDF: 39432514405702

Left Out: -1318.814+/-0.000 χ^2/NDF:2873885677555434095474514478444104908 8.0/11

In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5

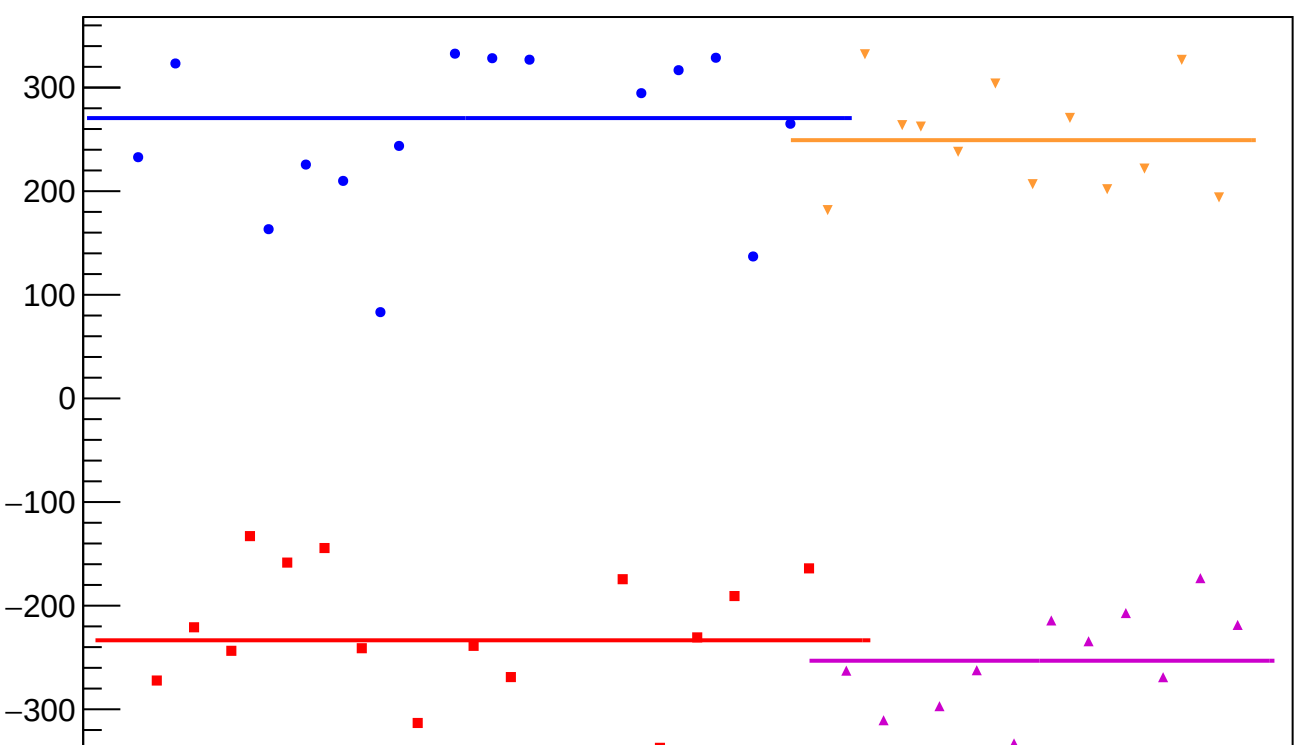
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15

Out: -318.491+/-0.000 χ^2/NDF:333498948748990

Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10

All: -69.961+/-0.000 χ^2/NDF: 706751853981

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Left: -2.909+/-0.000 χ^2/NDF: 12048014195596265

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 249.237+/-0.000 χ^2/NDF:2339906474360292493064044354333573120.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

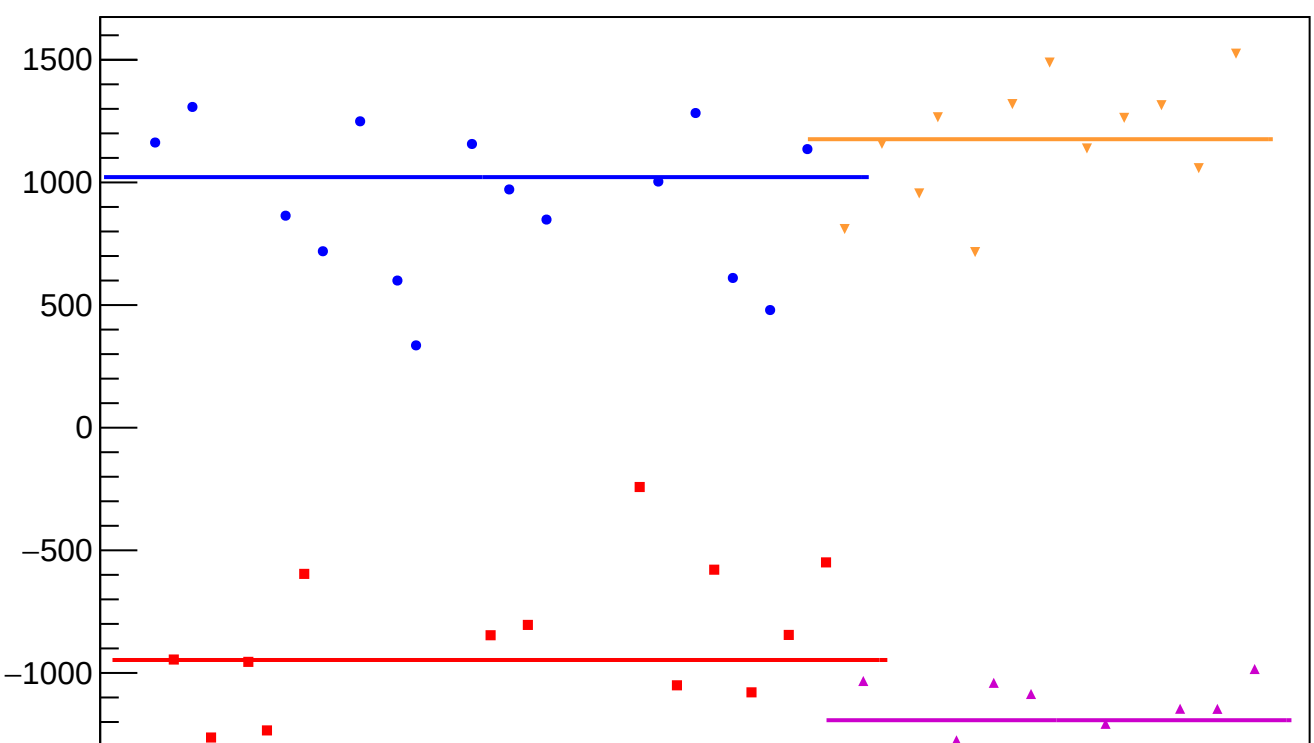
Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 45.997+/-0.000 χ^2/NDF:9534215487800800

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.603+/-0.000 χ^2/NDF: 2097937656372

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

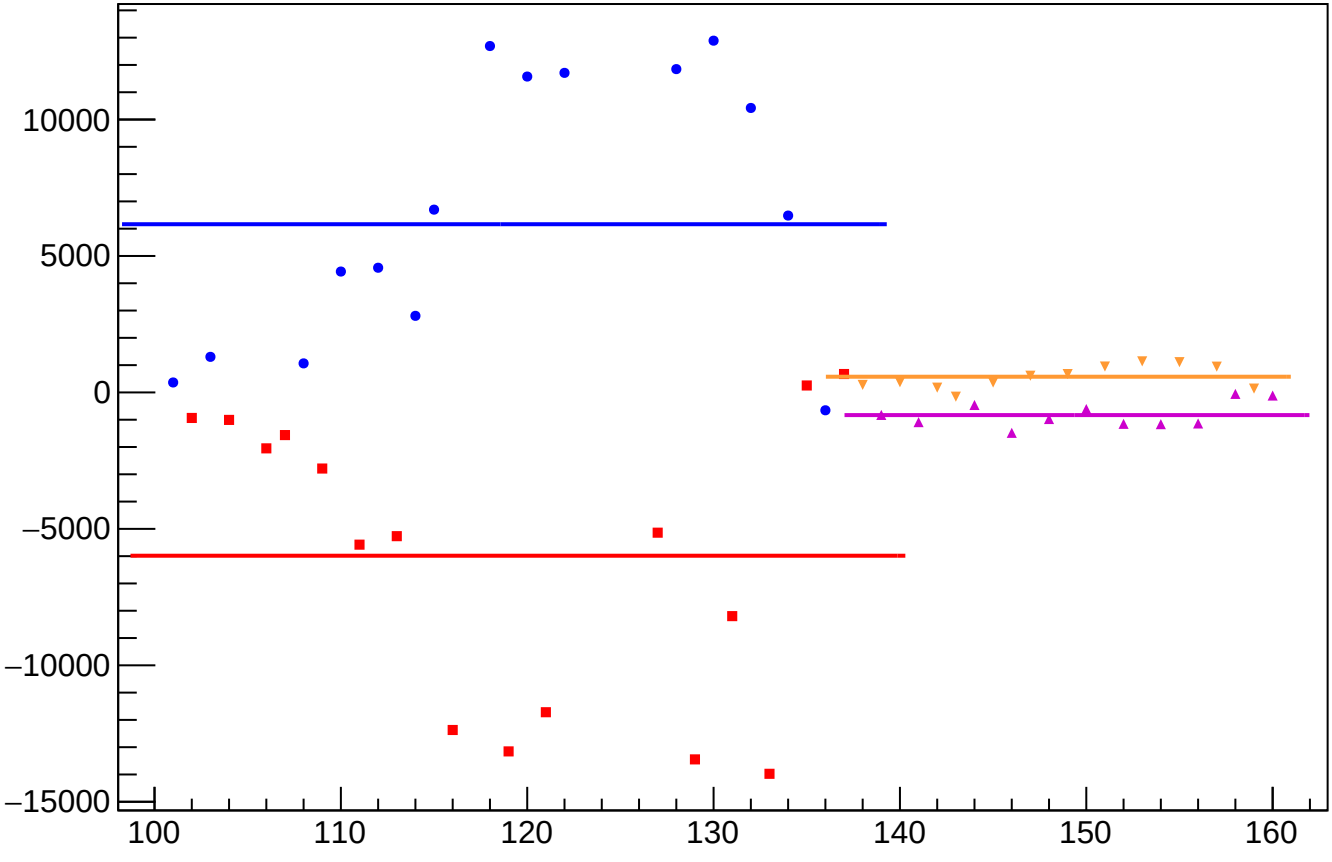
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -130.269+/-0.000 χ^2/NDF: 122669407546911

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 575.396+/-0.000 χ^2/NDF:1445529132280667816251884433555649986 56.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

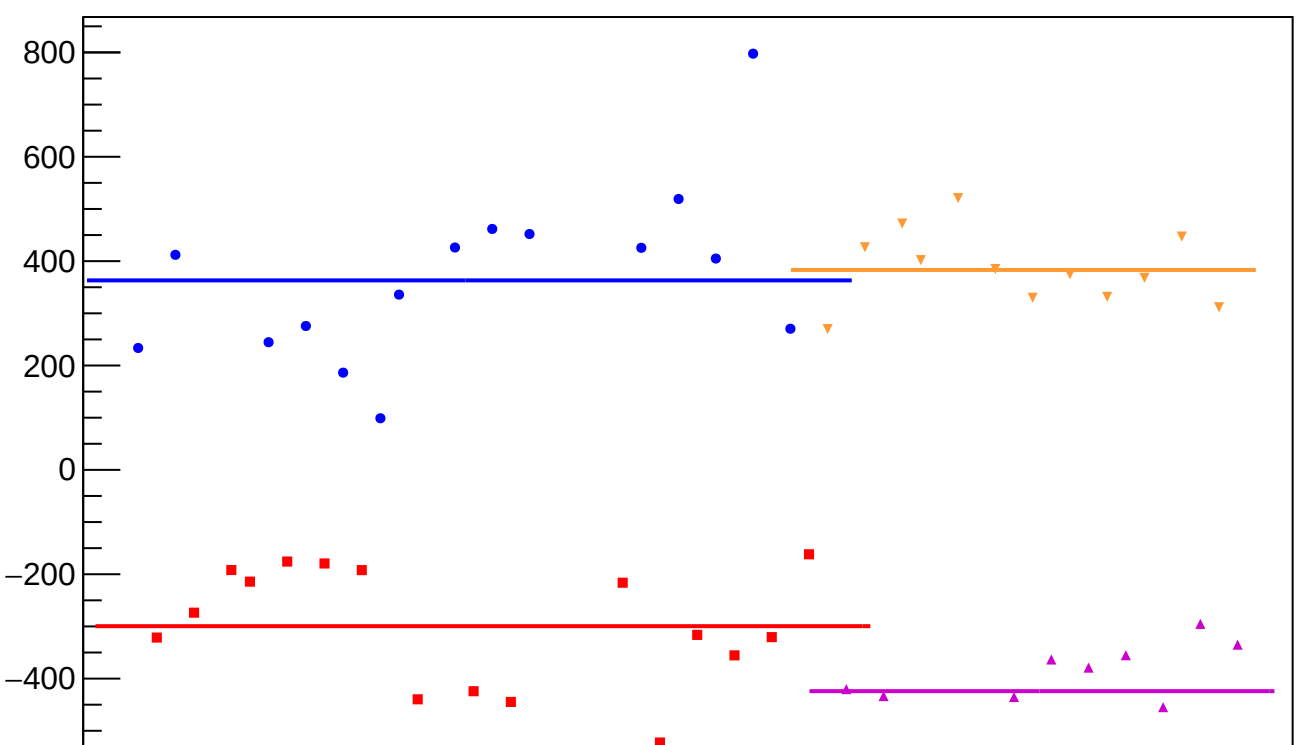
Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2186.621+/-0.000 χ^2/NDF:34262878323856

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.169+/-0.000 χ^2/NDF: 854842243491

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -21.982+/-0.000 χ^2/NDF: 3119745931798331

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 383.139+/-0.000 χ^2/NDF:4300109581526268747828208718091124736.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

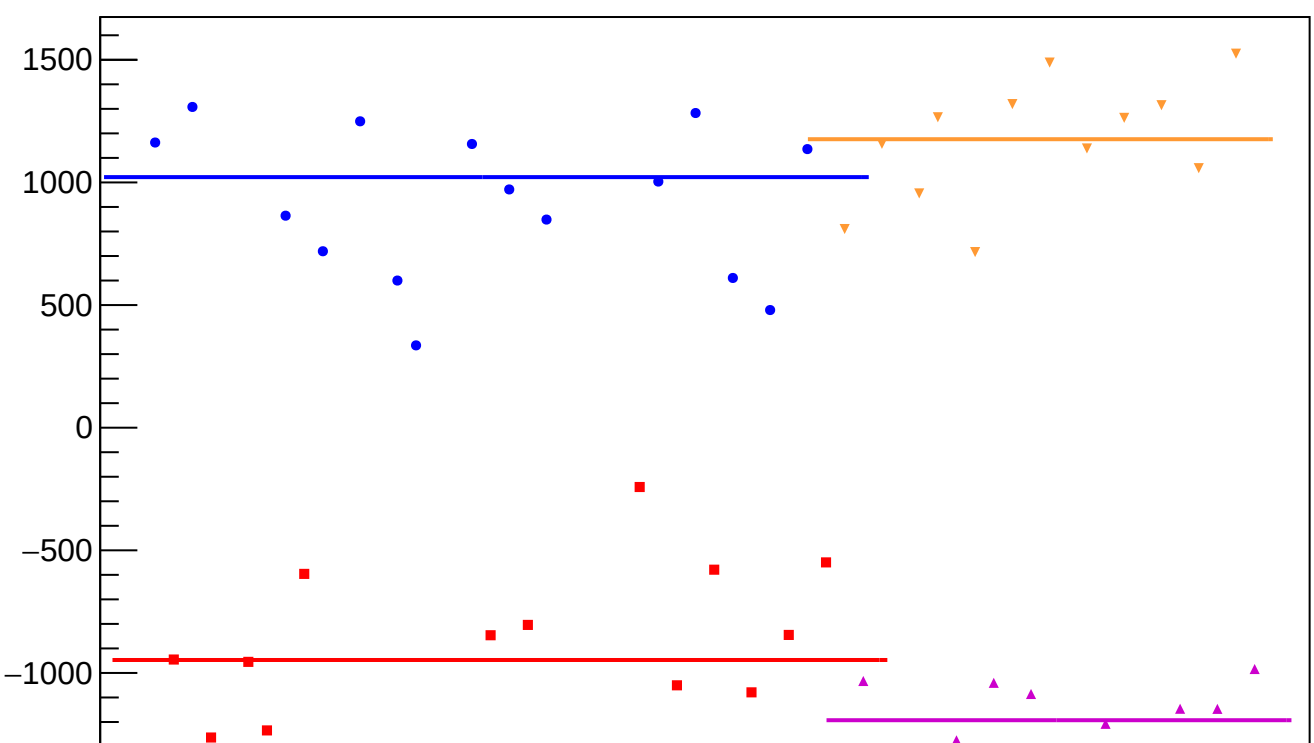
Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.683+/-0.000 χ^2/NDF:19193108375677536

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.448+/-0.000 χ^2/NDF: 4774625477045

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

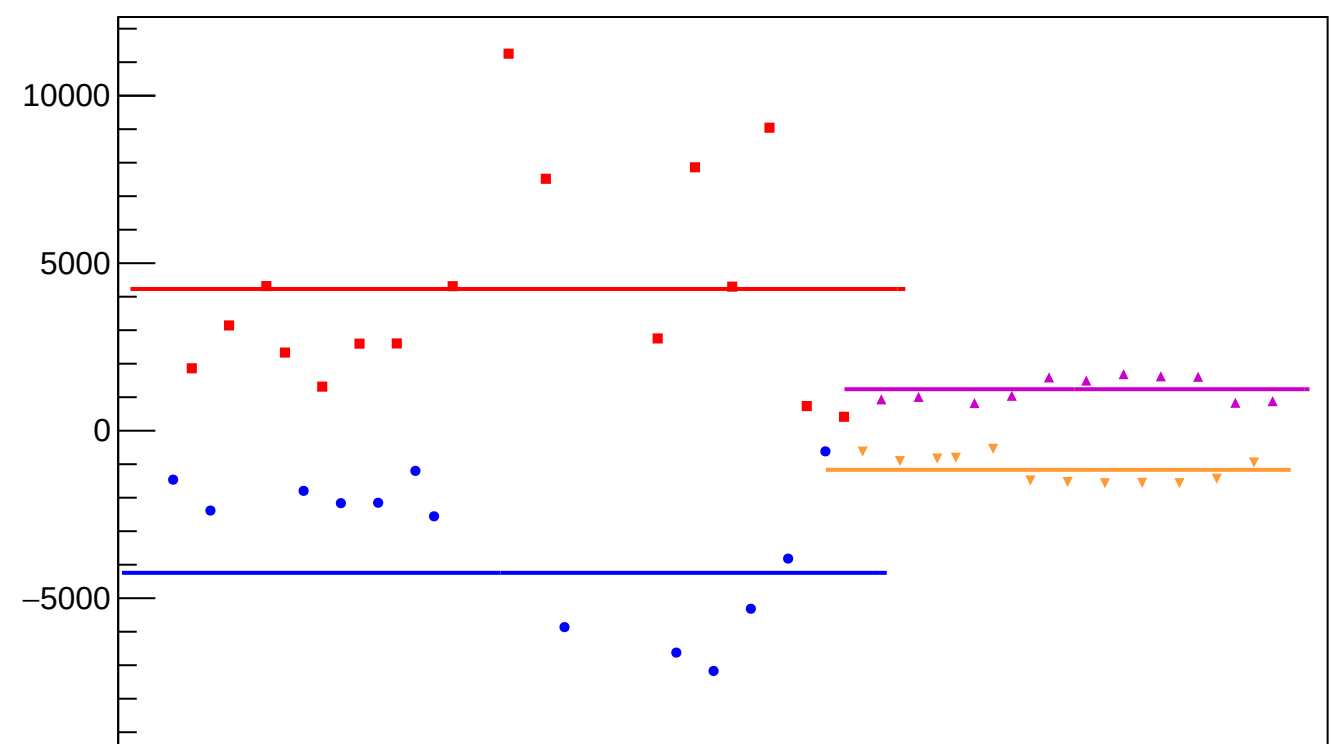
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam7_coil7_mean vs Slug, Sign Corrected



Left: 39.988+/-0.000 χ^2/NDF: 2917814522893317

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1167.950+/-0.000 χ^2/NDF:140593267041981181070281289588583432192.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

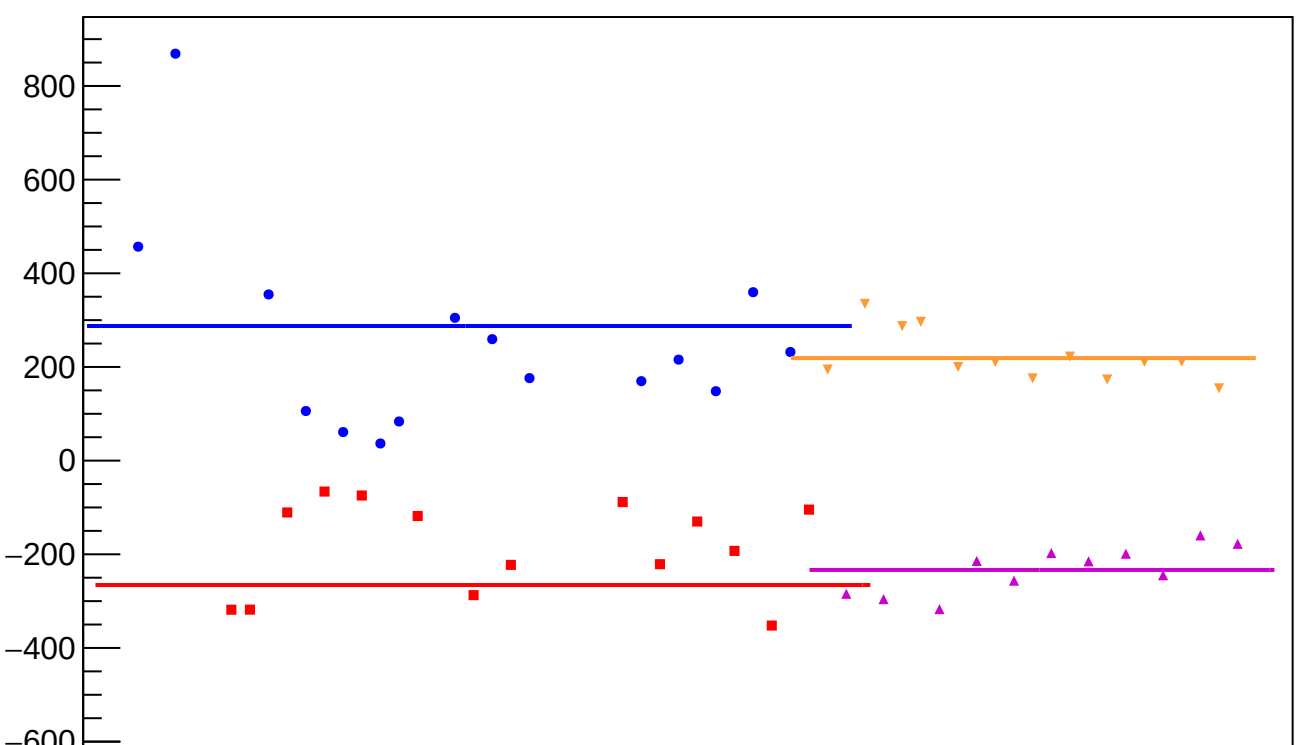
Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1105.462+/-0.000 χ^2/NDF:180782523773145

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.141+/-0.000 χ^2/NDF: 399997244031

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Left: -8.082+/-0.000 χ^2/NDF: 98821919771983613

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 218.953+/-0.000 χ^2/NDF:2475213997163419950481199473566416896.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

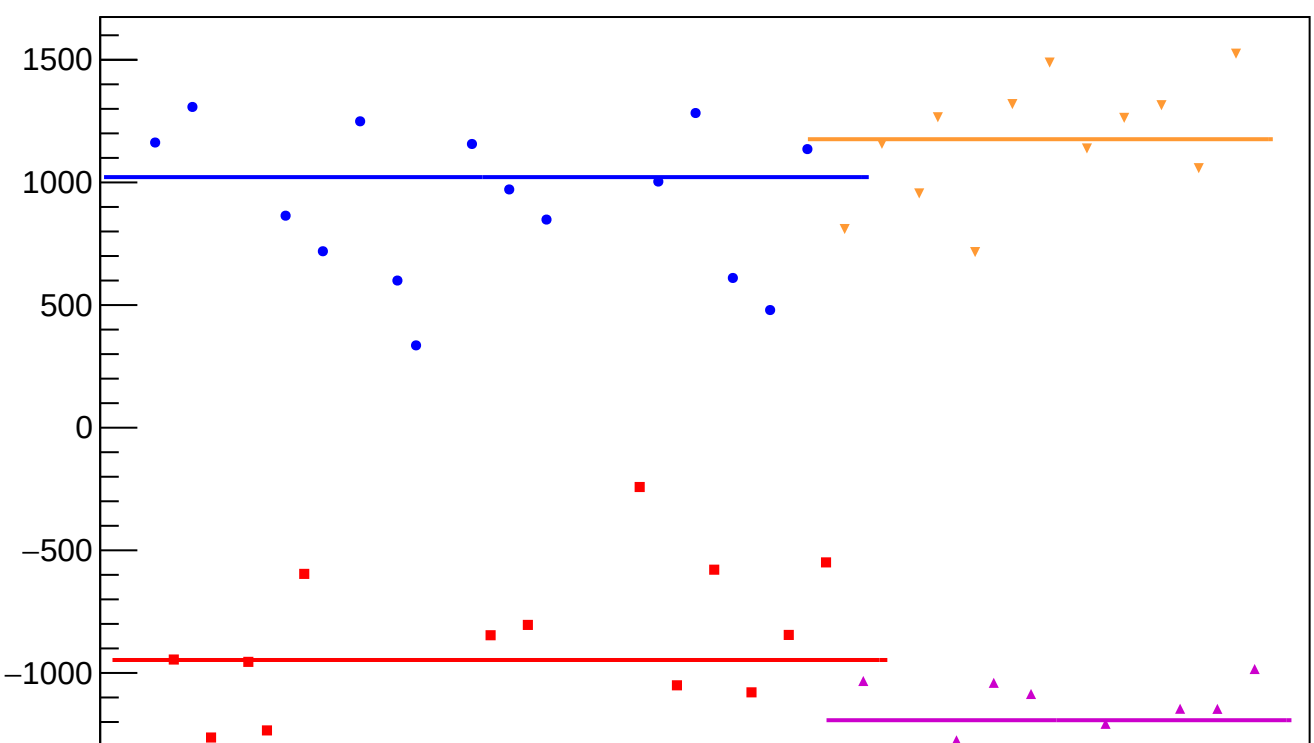
Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.918+/-0.000 χ^2/NDF:1189772953296667 8

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.732+/-0.000 χ^2/NDF: 2549717132605

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

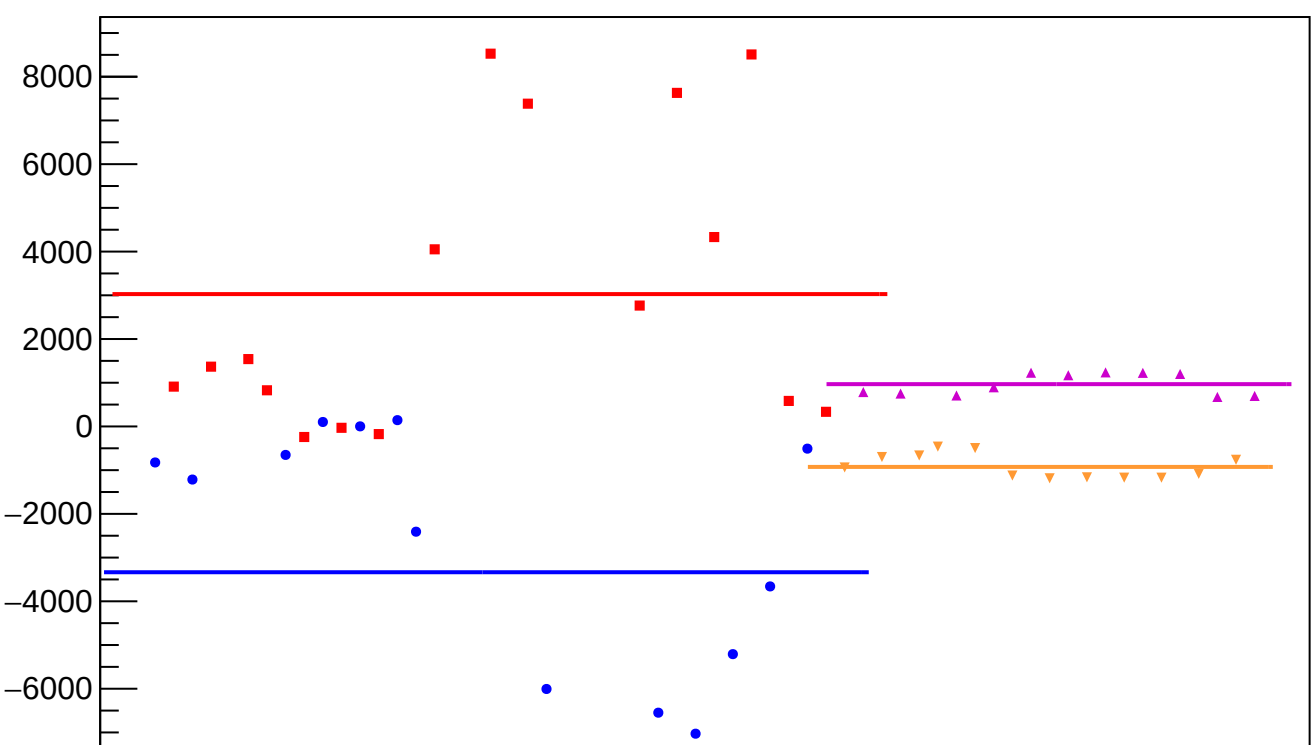
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

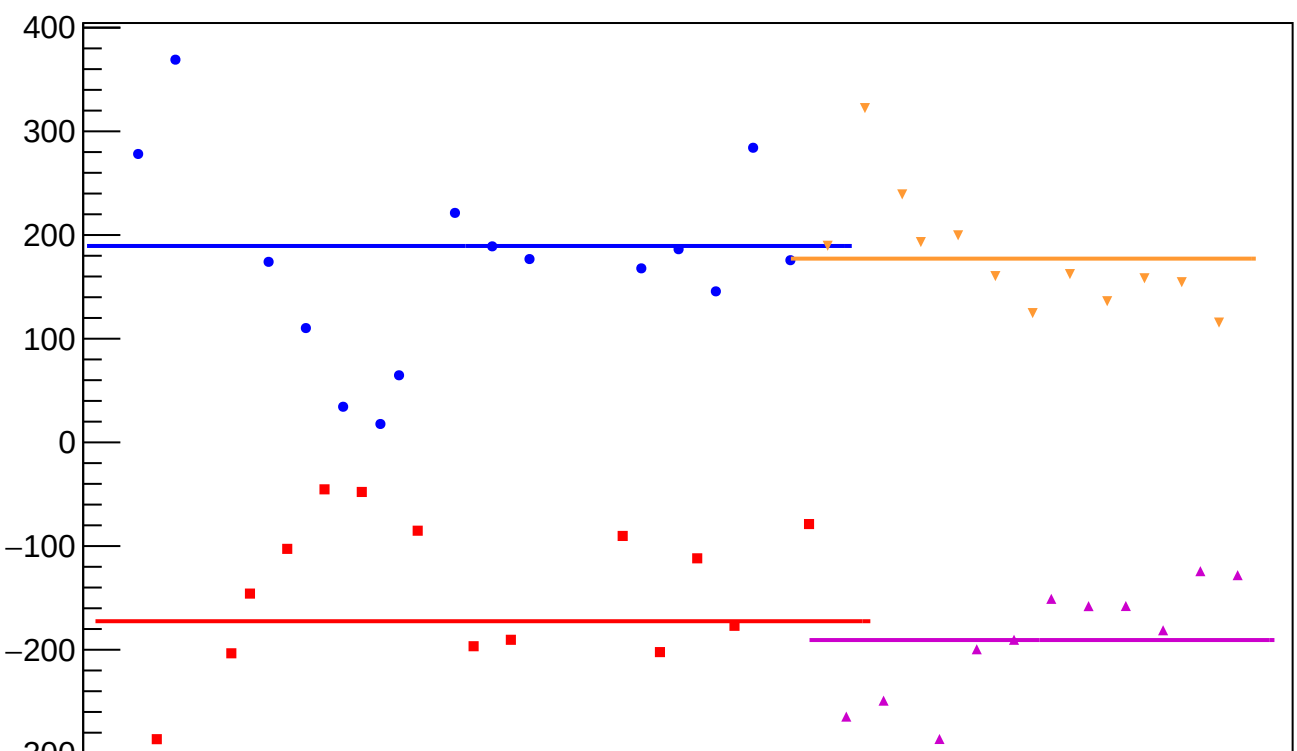
All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_sam8_coil7_mean vs Slug, Sign Corrected



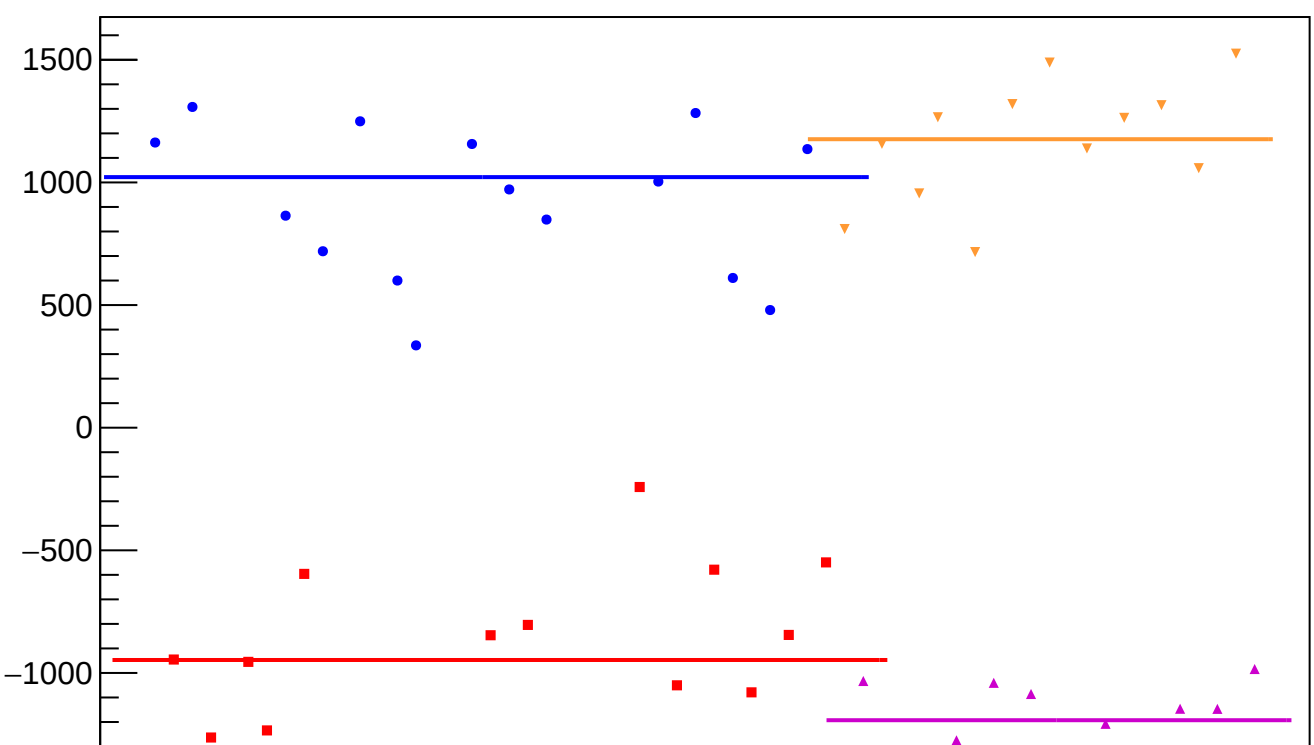
Left: 24.472+/-0.000 χ^2/NDF: 1765470598893566
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -925.824+/-0.000 χ^2/NDF:640677990717716544415447758247590625 28.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 738.908+/-0.000 χ^2/NDF:1318536484982862
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.716+/-0.000 χ^2/NDF: 285211212597

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Left: -7.405+/-0.000 χ^2/NDF: 67583780148214345
Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14
Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045 7
Left Out: 177.229+/-0.000 χ^2/NDF:2763689981014700365307320120704499712.0/11
In: -33.824+/-0.000 χ^2/NDF:62316992098402396
Right Out: -172.485+/-0.000 χ^2/NDF: 5594813408996728261938711470404534272.0/15
Out: 29.970+/-0.000 χ^2/NDF:5558277857353714 5
Left In: -190.641+/-0.000 χ^2/NDF:2536070386684067132001548898091925504.0/10
All: -1.816+/-0.000 χ^2/NDF: 1211116539519

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -12.726+/-0.000 χ^2/NDF: 2655416452338642

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1176.242+/-0.000 χ^2/NDF:5335552579659202288238502319888321740 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

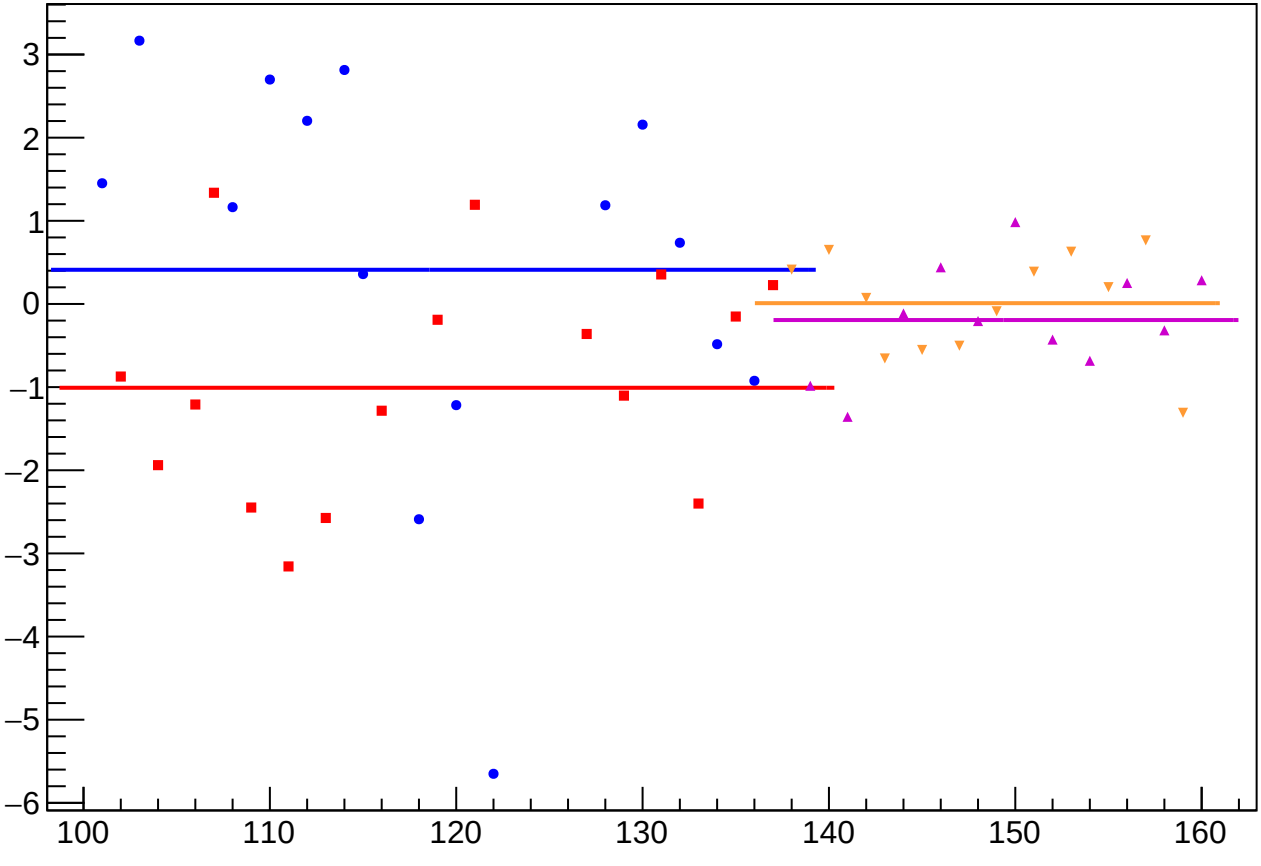
Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.114+/-0.000 χ^2/NDF:1862139150205248

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.502+/-0.000 χ^2/NDF: 4039779109898

dit_4aX_coil4_mean vs Slug, Sign Corrected



Left: -0.092+/-0.000 χ^2/NDF: 75870244174076408

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:353620786406369007663734375579648.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774

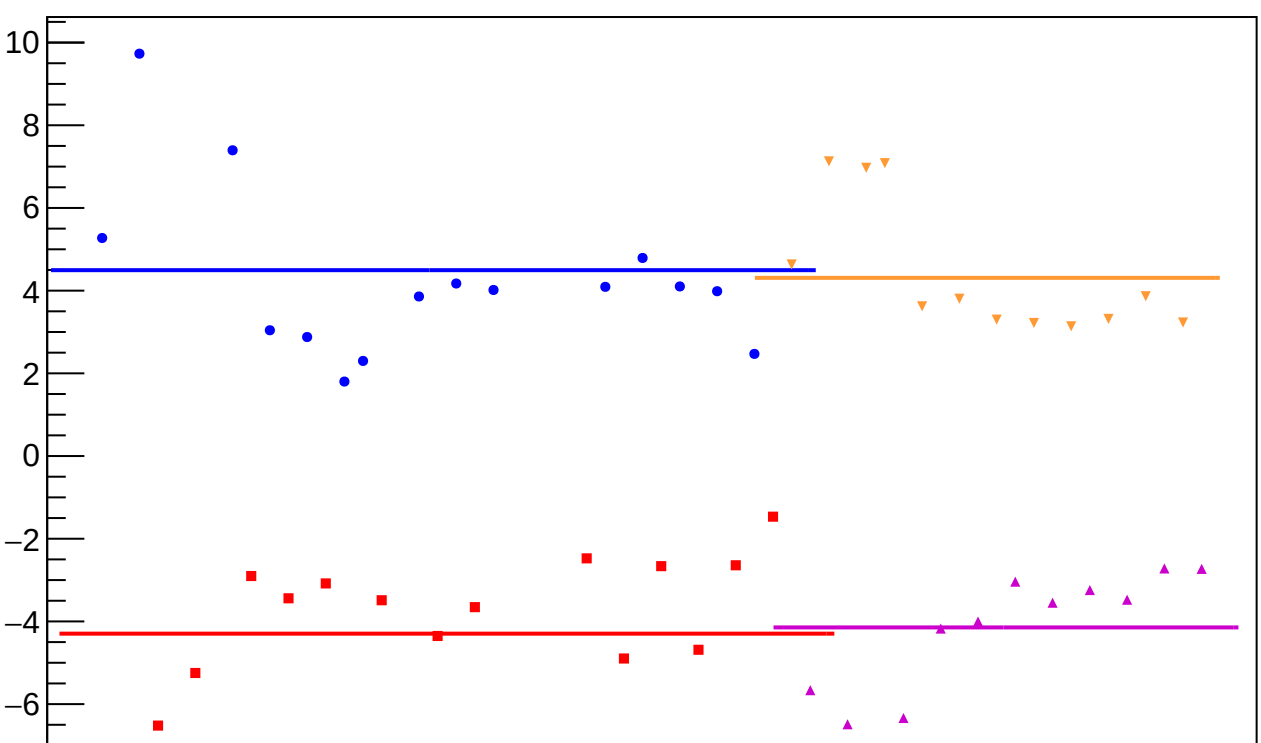
Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.419+/-0.000 χ^2/NDF:18817018437793290

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5970744078372

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.066+/-0.000 χ^2/NDF: 36587364720072745

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.310+/-0.000 χ^2/NDF:204059229831869080240582357208268 8.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

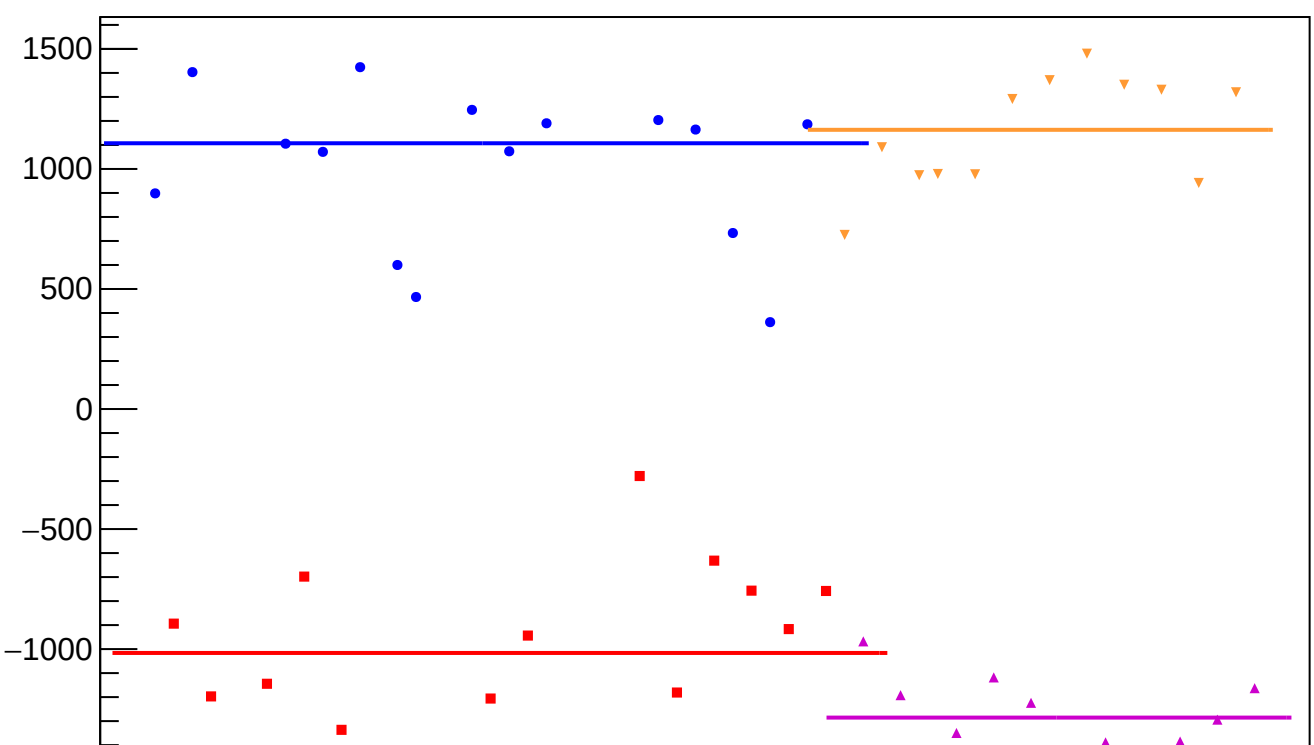
Right Out: -4.296+/-0.000 χ^2/NDF: 2011925707062051890381007475441664.0/15

Out: 0.686+/-0.000 χ^2/NDF:3264573876051804 20

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6676143499946 1

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

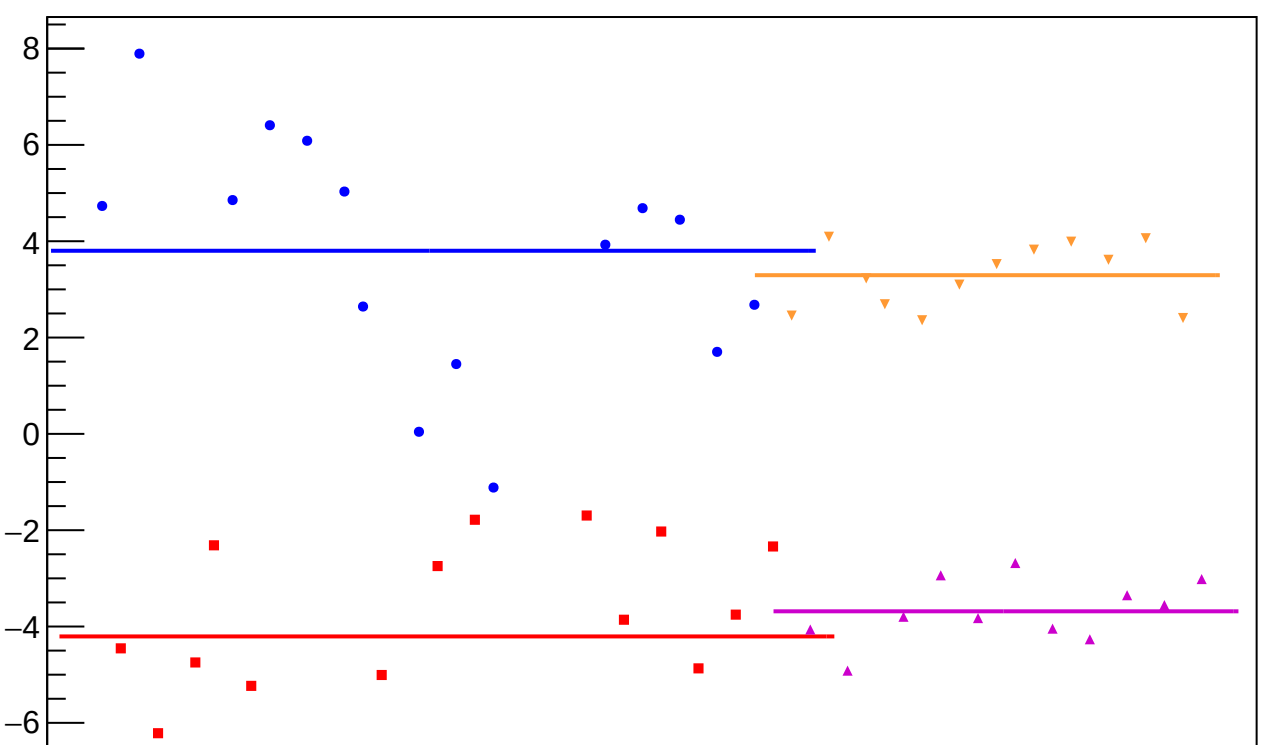
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_4eX_coil4_mean vs Slug, Sign Corrected



Left: -0.208+/-0.000 χ^2/NDF: 23172799194598005

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.295+/-0.000 χ^2/NDF:39084723958967351758325038658355 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

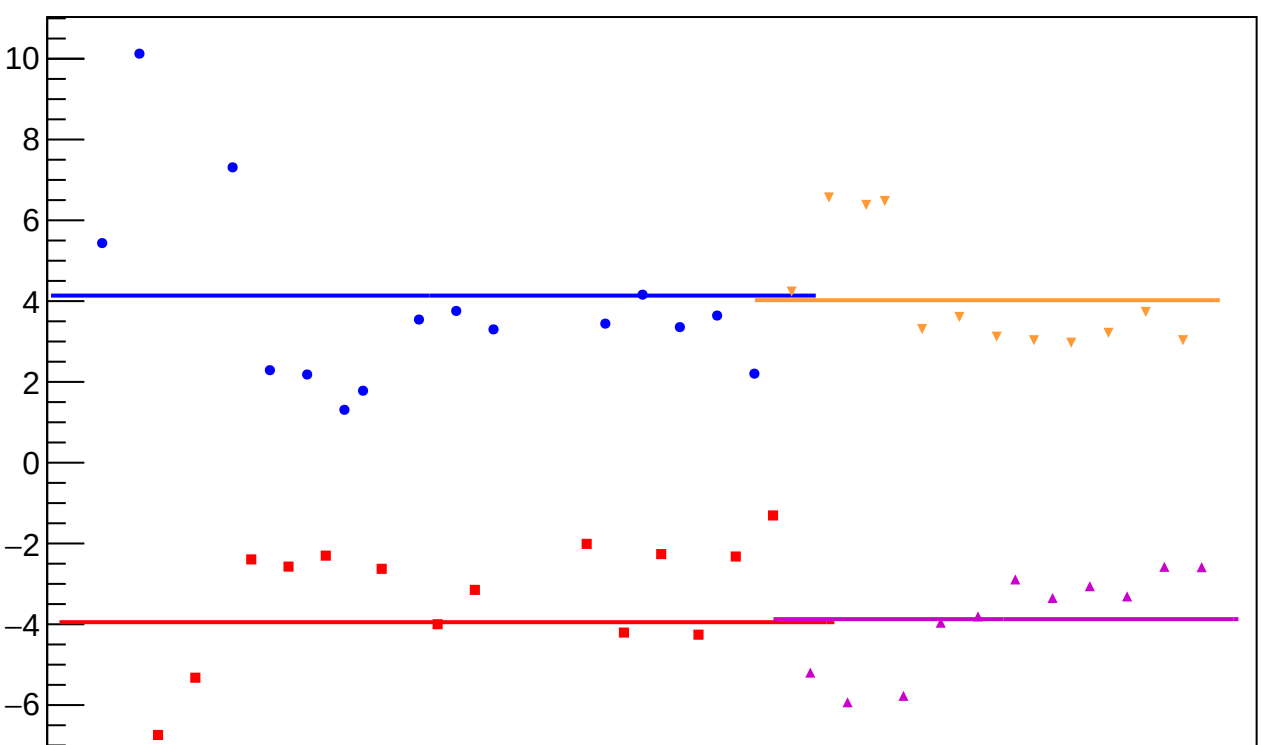
Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.136+/-0.000 χ^2/NDF:24209587902616678 8

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

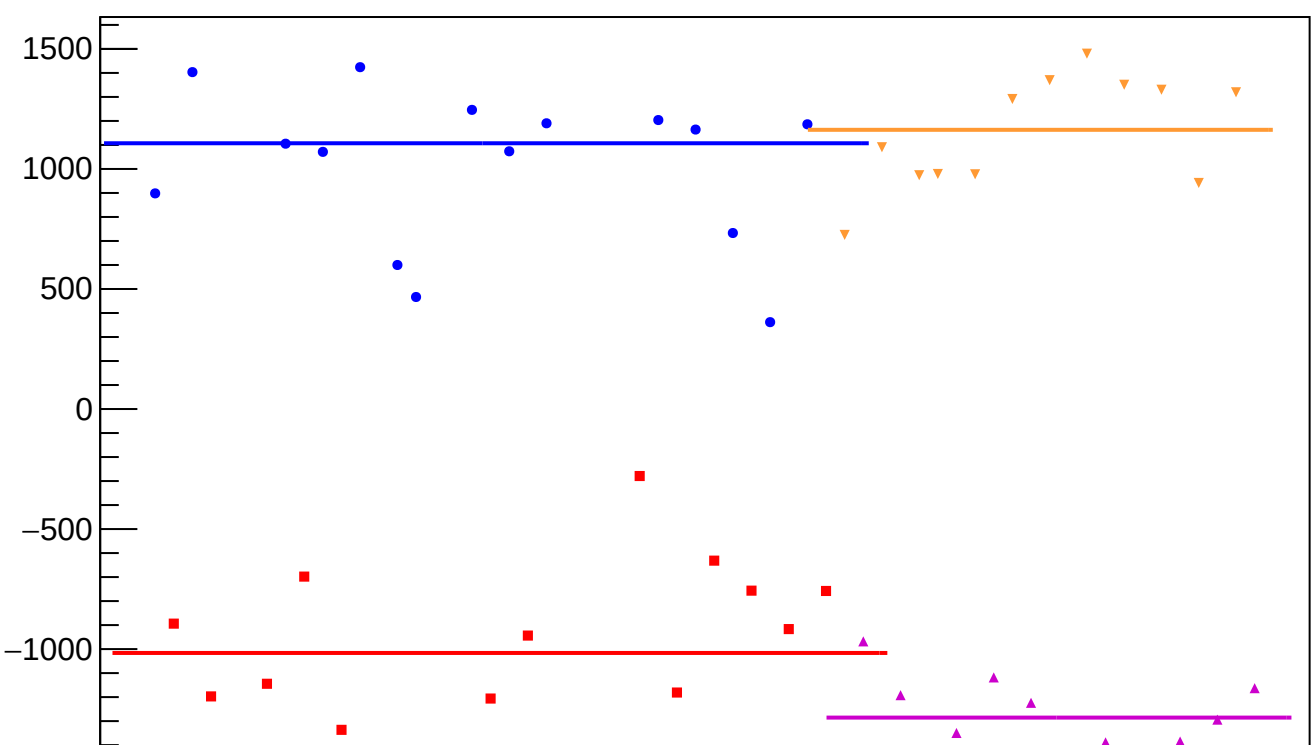
All: -0.228+/-0.000 χ^2/NDF: 5015899532000

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Left: 0.060+/-0.000 χ^2/NDF: 31587596423026047
Right In: 4.136+/-0.000 χ^2/NDF: 35076006243886639198985054962319 36.0/14
Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251
Left Out: 4.022+/-0.000 χ^2/NDF:162391805540544167867235895869440 0.0/11
In: -0.568+/-0.000 χ^2/NDF:292407298934601756
Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005 1456.0/15
Out: 0.666+/-0.000 χ^2/NDF:288238497921115289
Left In: -3.873+/-0.000 χ^2/NDF:127859829139112769432383533141 1968.0/10
All: 0.051+/-0.000 χ^2/NDF: 5926642130985

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

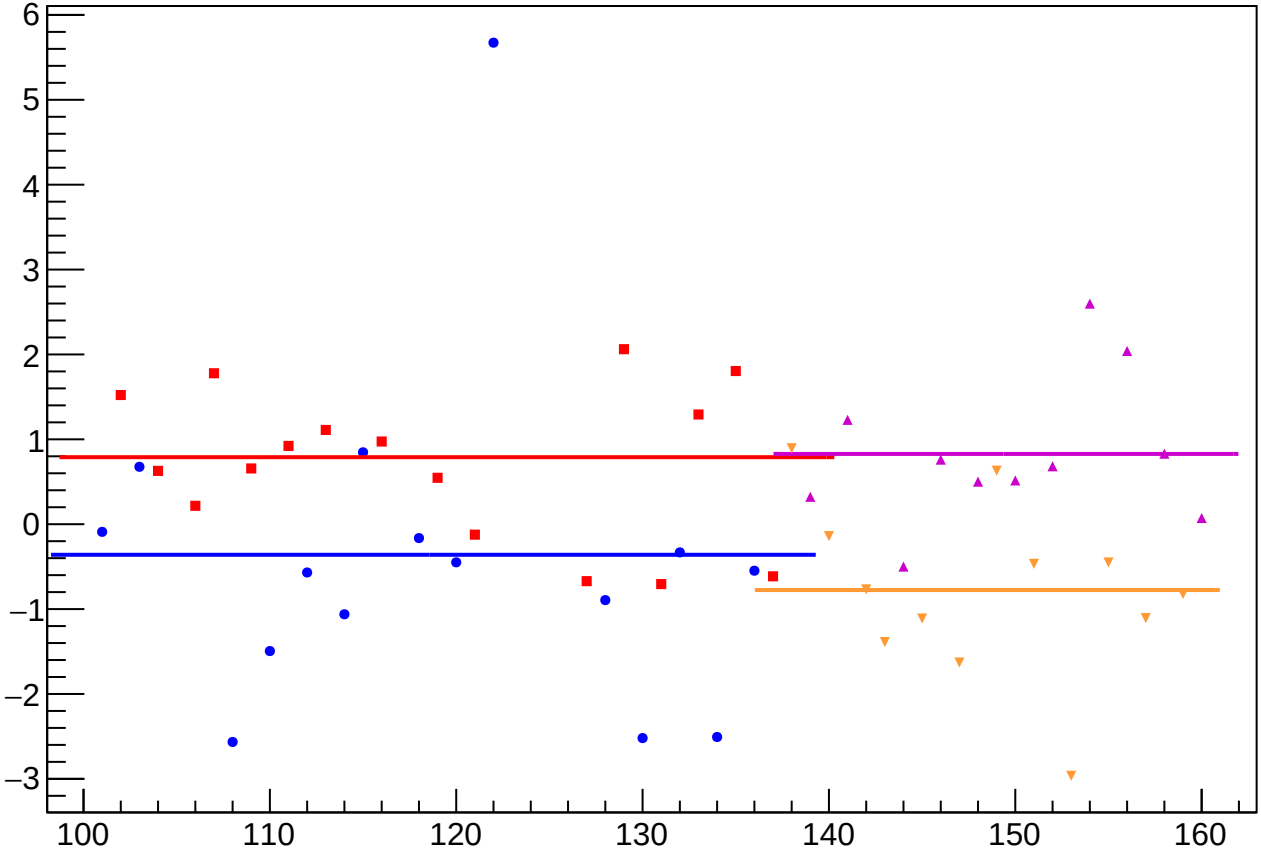
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Left: 0.029+/-0.000 χ^2/NDF: 27736241746993481

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: -0.776+/-0.000 χ^2/NDF:93975708221519102061402104895897 6.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

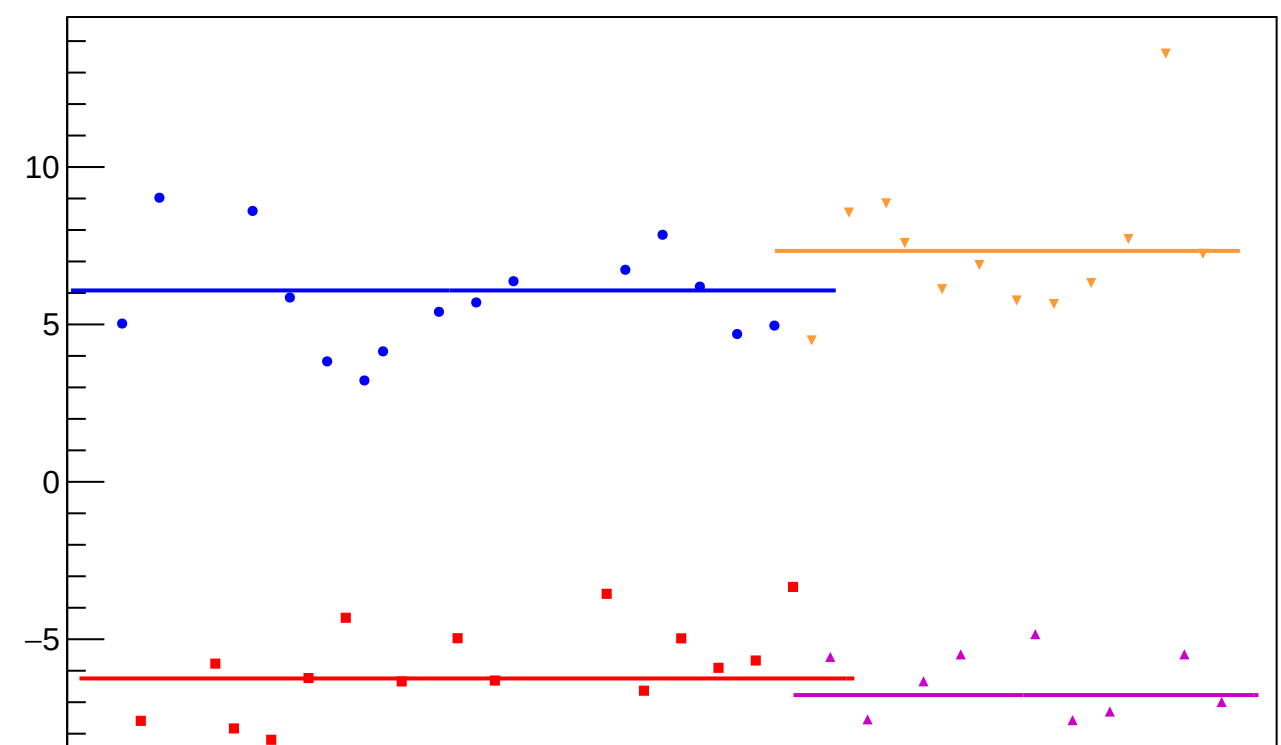
Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2348842745160483 7

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

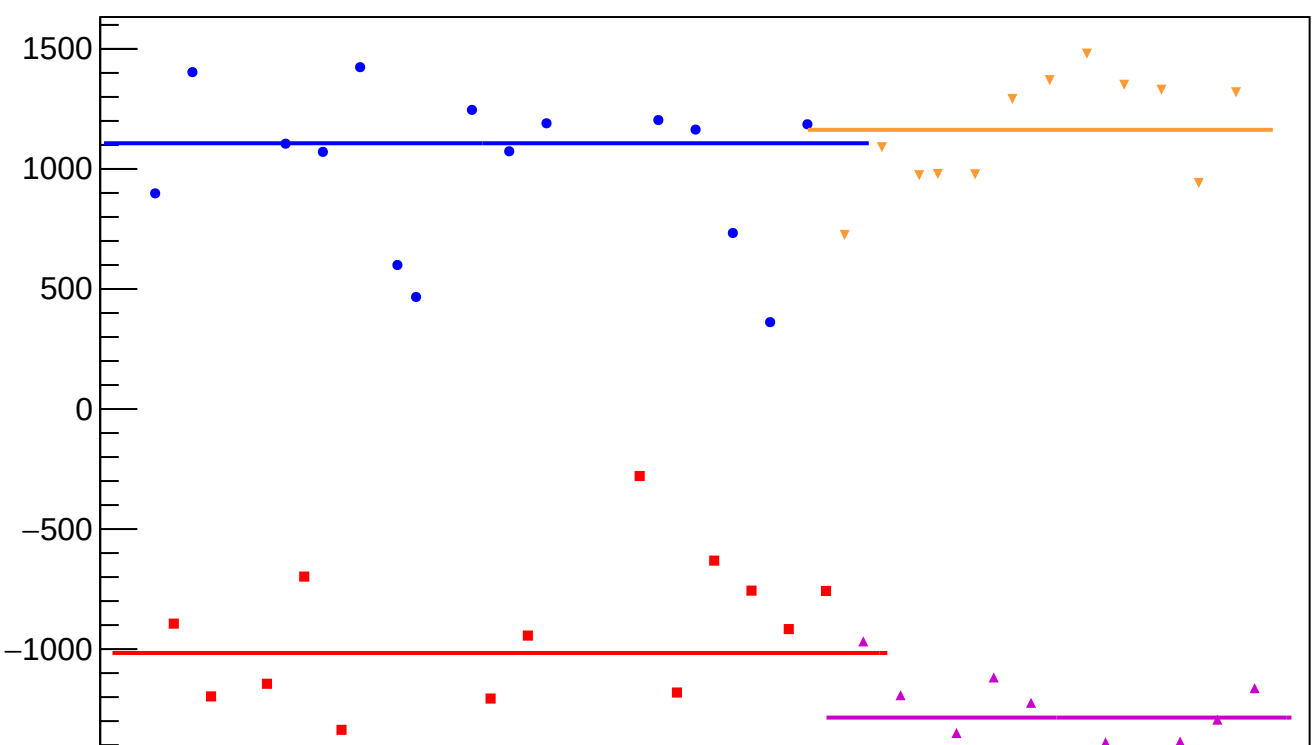
All: 0.110+/-0.000 χ^2/NDF: 5880508414853 6

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Left: 0.254+/-0.000 χ^2/NDF: 97783144945656841
Right In: 6.079+/-0.000 χ^2/NDF: 15902951710227051575099004488253 44.0/14
Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866
Left Out: 7.336+/-0.000 χ^2/NDF:46256288332011399912673539910533 12.0/11
In: -1.470+/-0.000 χ^2/NDF:66109807257630798 6
Right Out: -6.245+/-0.000 χ^2/NDF: 18165291631050069385109769855959 04.0/15
Out: 1.617+/-0.000 χ^2/NDF:77661203204003064 3
Left In: -6.773+/-0.000 χ^2/NDF:15458806530628726350602058323722 24.0/10
All: 0.079+/-0.000 χ^2/NDF: 1512923844778 4

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

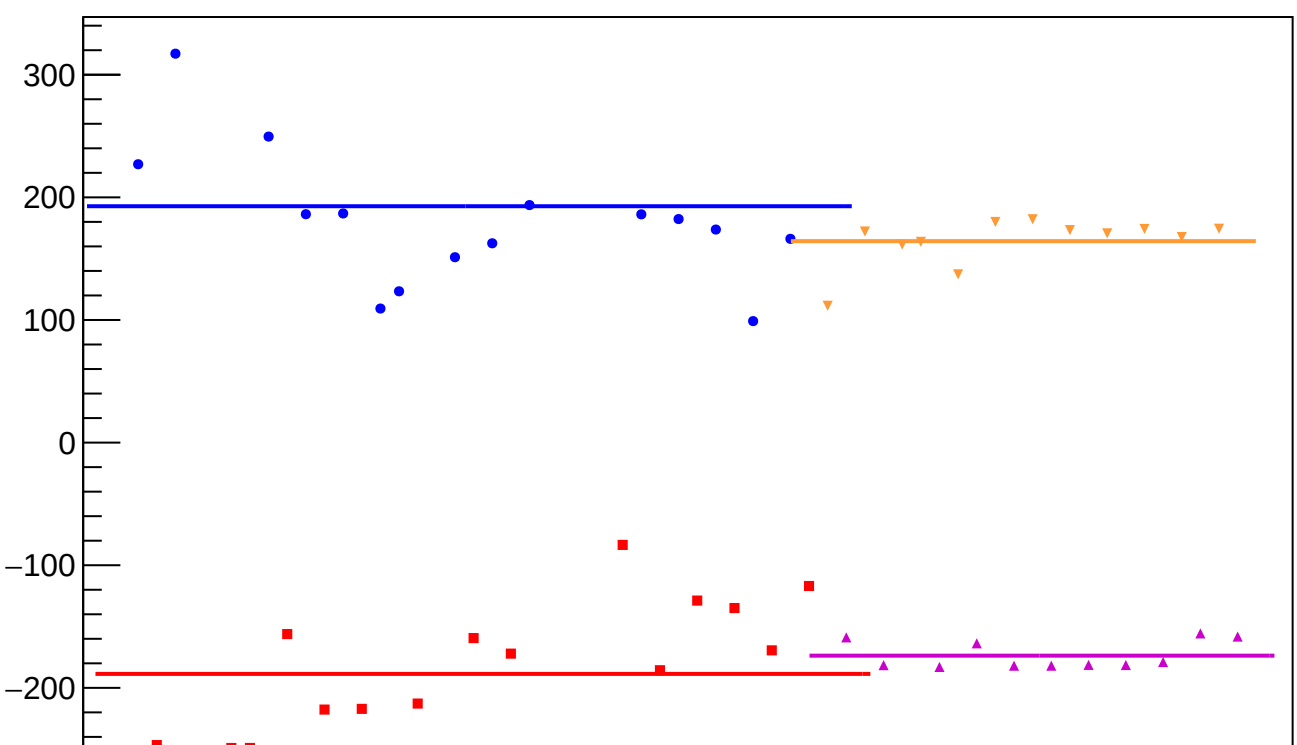
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14

Left Out: 164.293+/-0.000 χ^2/NDF:3538301209639400606057942125505413 12.0/11

Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961 0624.0/15

Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10

Left: -5.365+/-0.000 χ^2/NDF: 53051282128887740

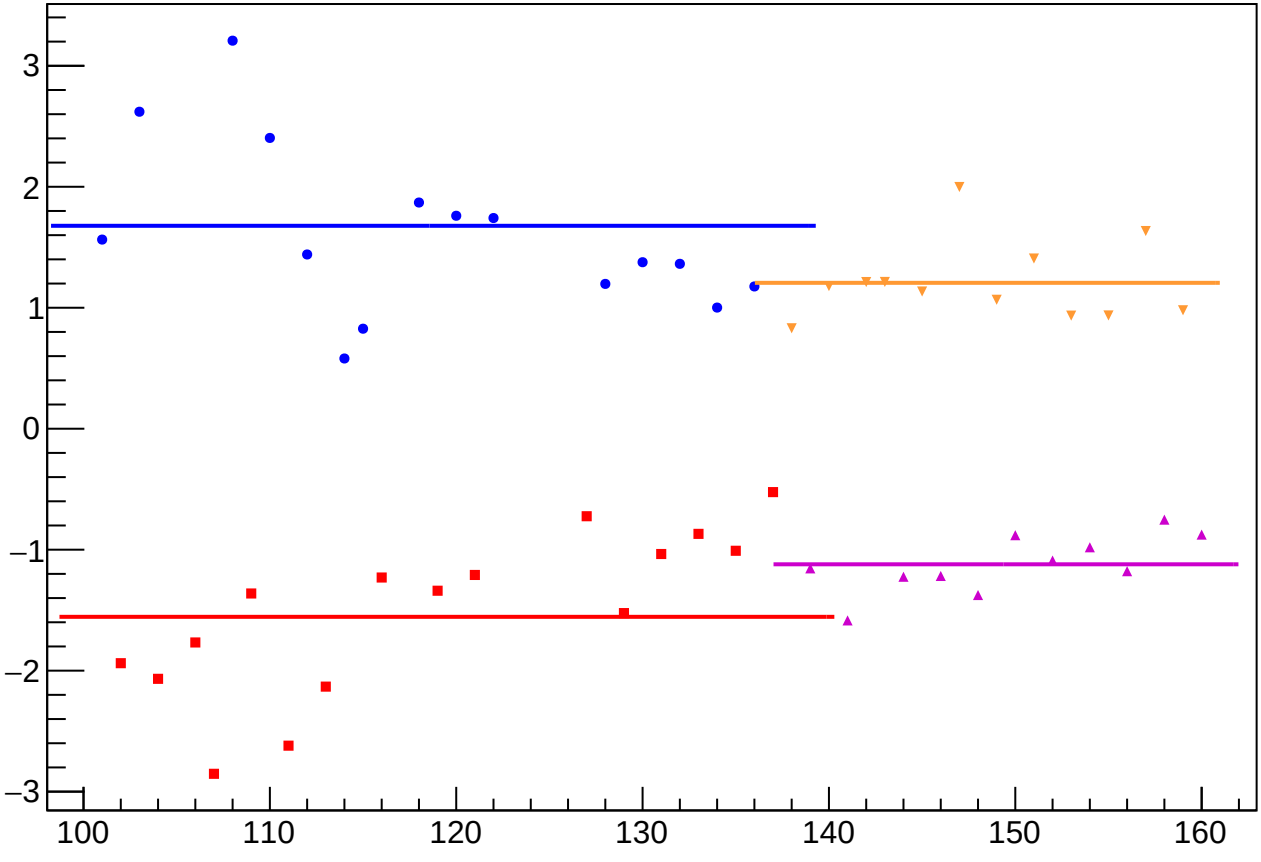
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893

In: -22.521+/-0.000 χ^2/NDF:5295856655825622 6

Out: 15.690+/-0.000 χ^2/NDF:5036625311190690 7

All: -3.349+/-0.000 χ^2/NDF: 1044771835030

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.038+/-0.000 χ^2/NDF: 26360423789718970

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: 1.206+/-0.000 χ^2/NDF:958696241285596662676270664908 80.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

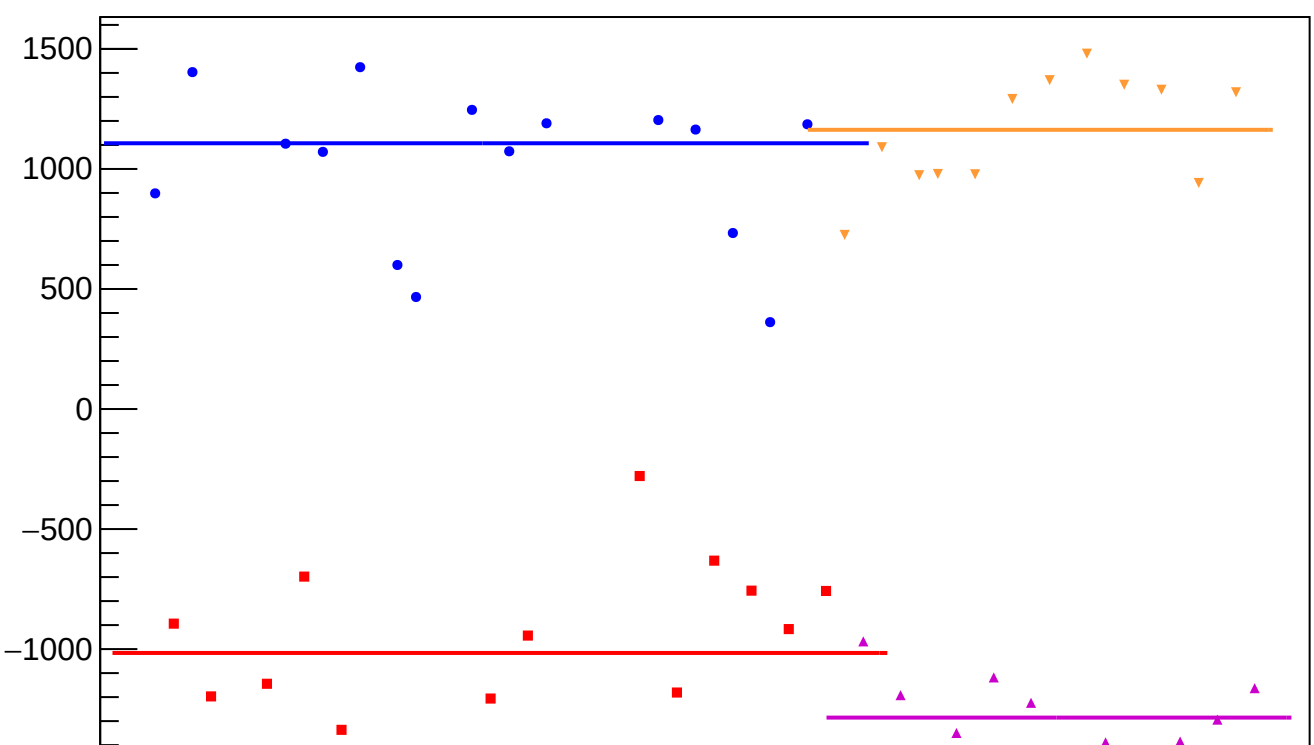
Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3295068648246808 65

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6570510715467 5

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

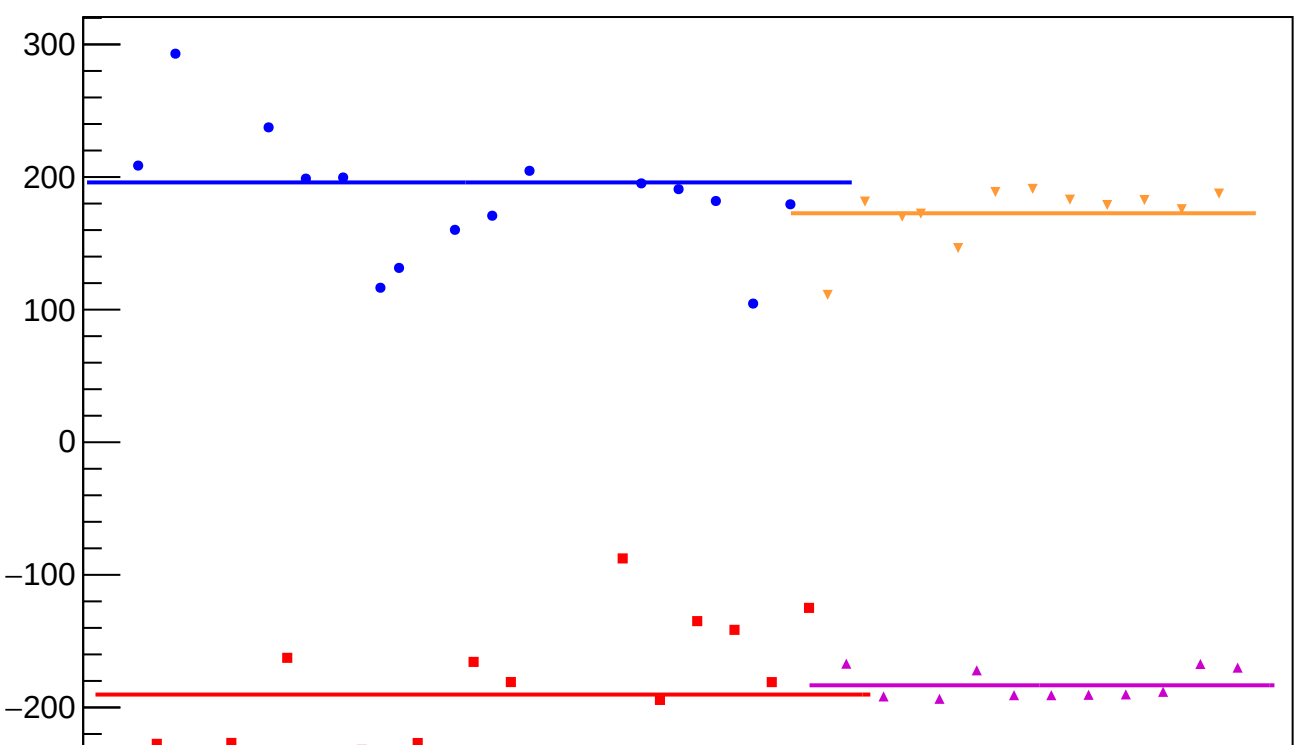
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_4eY_coil4_mean vs Slug, Sign Corrected



Left: -5.983+/-0.000 χ^2/NDF: 58864914274163401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 172.678+/-0.000 χ^2/NDF:4441291543187844917047905283473408 00.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

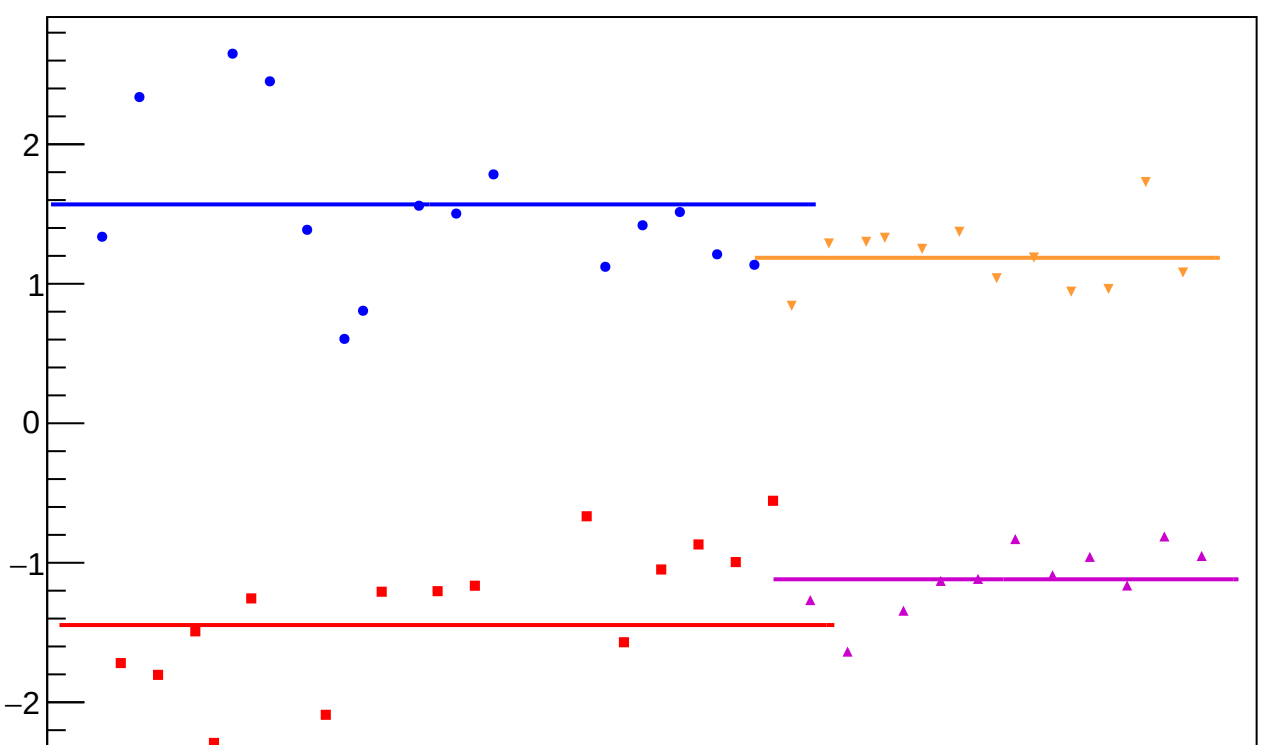
Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.847+/-0.000 χ^2/NDF:52778083366810499

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.408+/-0.000 χ^2/NDF: 1104839326993

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Left: 0.030+/-0.000 χ^2/NDF: 25438621581137751

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.186+/-0.000 χ^2/NDF:501106490067331282697014424371 20.0/11

In: -0.010+/-0.000 χ^2/NDF:2965262634654358 62

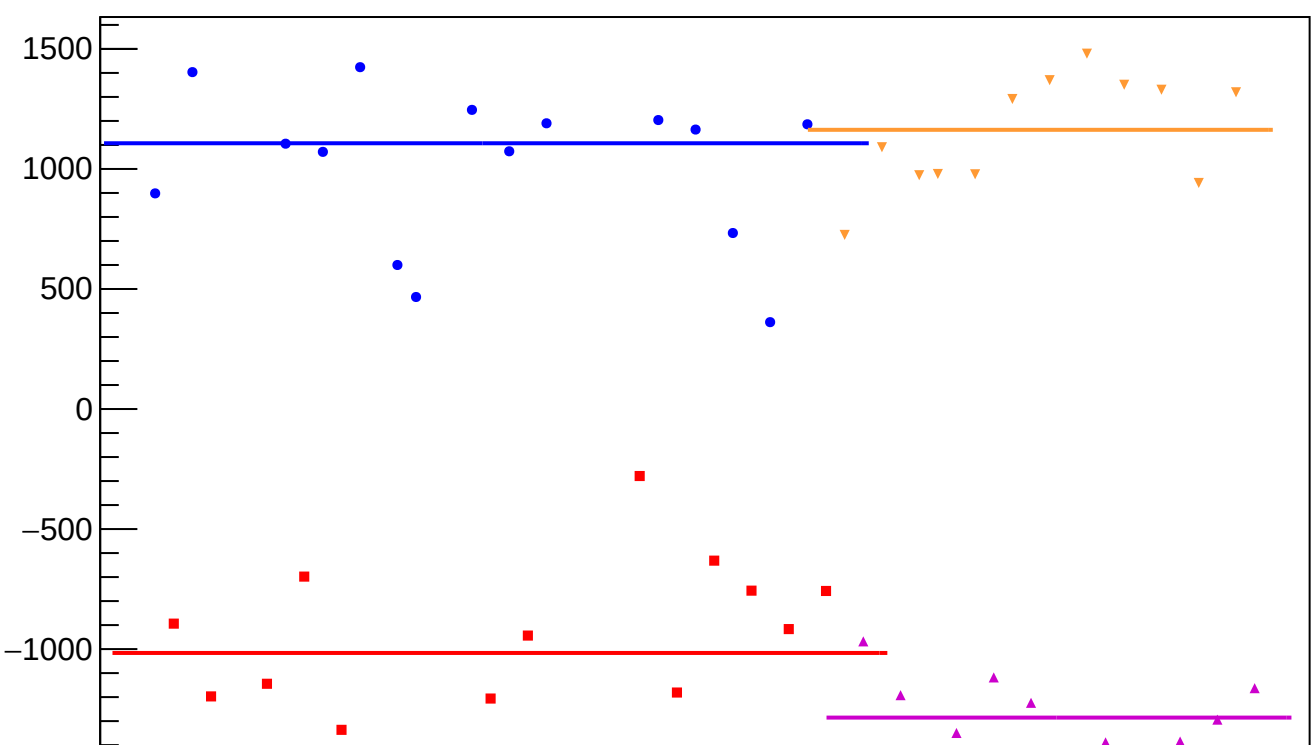
Right Out: -1.446+/-0.000 χ^2/NDF: 1962966539175233524432710527877 12.0/15

Out: 0.078+/-0.000 χ^2/NDF:2922599267787834 77

Left In: -1.118+/-0.000 χ^2/NDF:4897349699572348091180136582348 8.0/10

All: 0.034+/-0.000 χ^2/NDF: 5893888551093 2

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

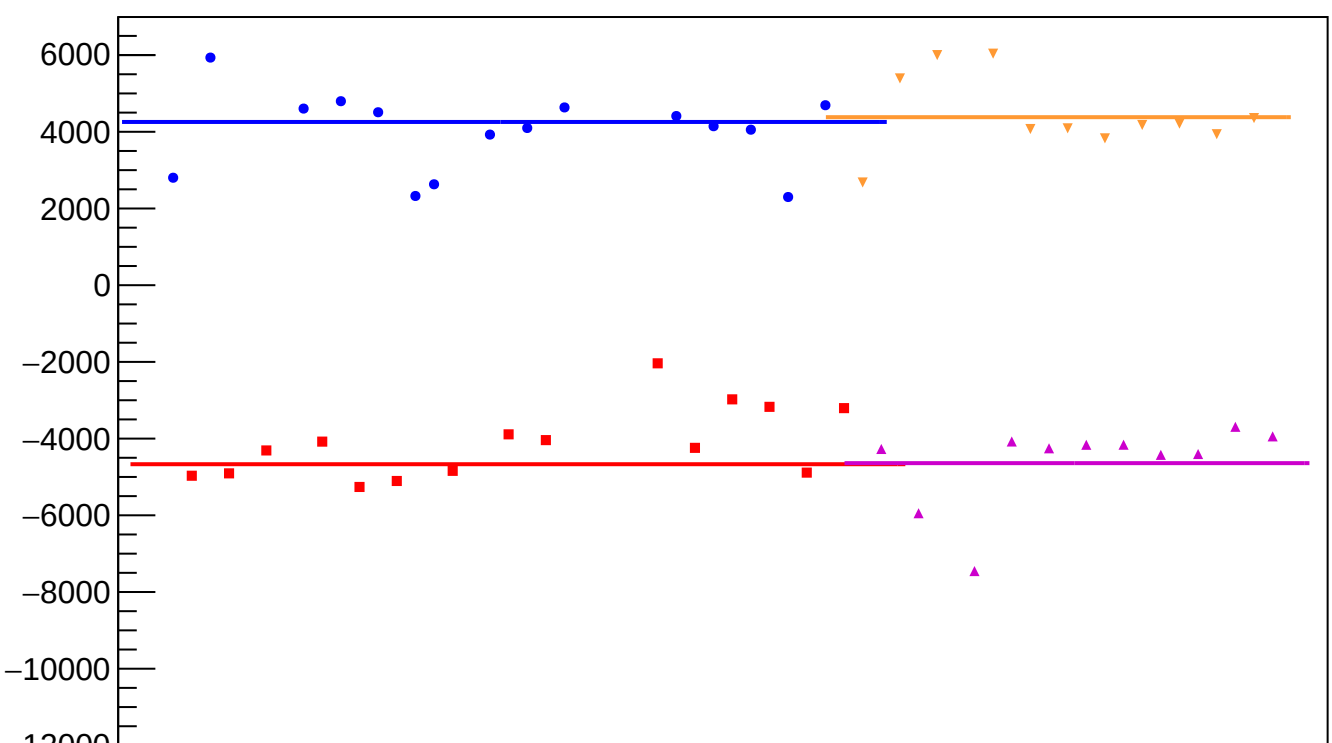
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_usl_coil4_mean vs Slug, Sign Corrected



Left: -317.623+/-0.000 χ^2/NDF: 377967769613237

Right In: 4256.386+/-0.000 χ^2/NDF: 498605412551624859672454954159576186880.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4380.887+/-0.000 χ^2/NDF:711929350796242872356445332084336099328.0/10

In: -969.372+/-0.000 χ^2/NDF:3172877768349375

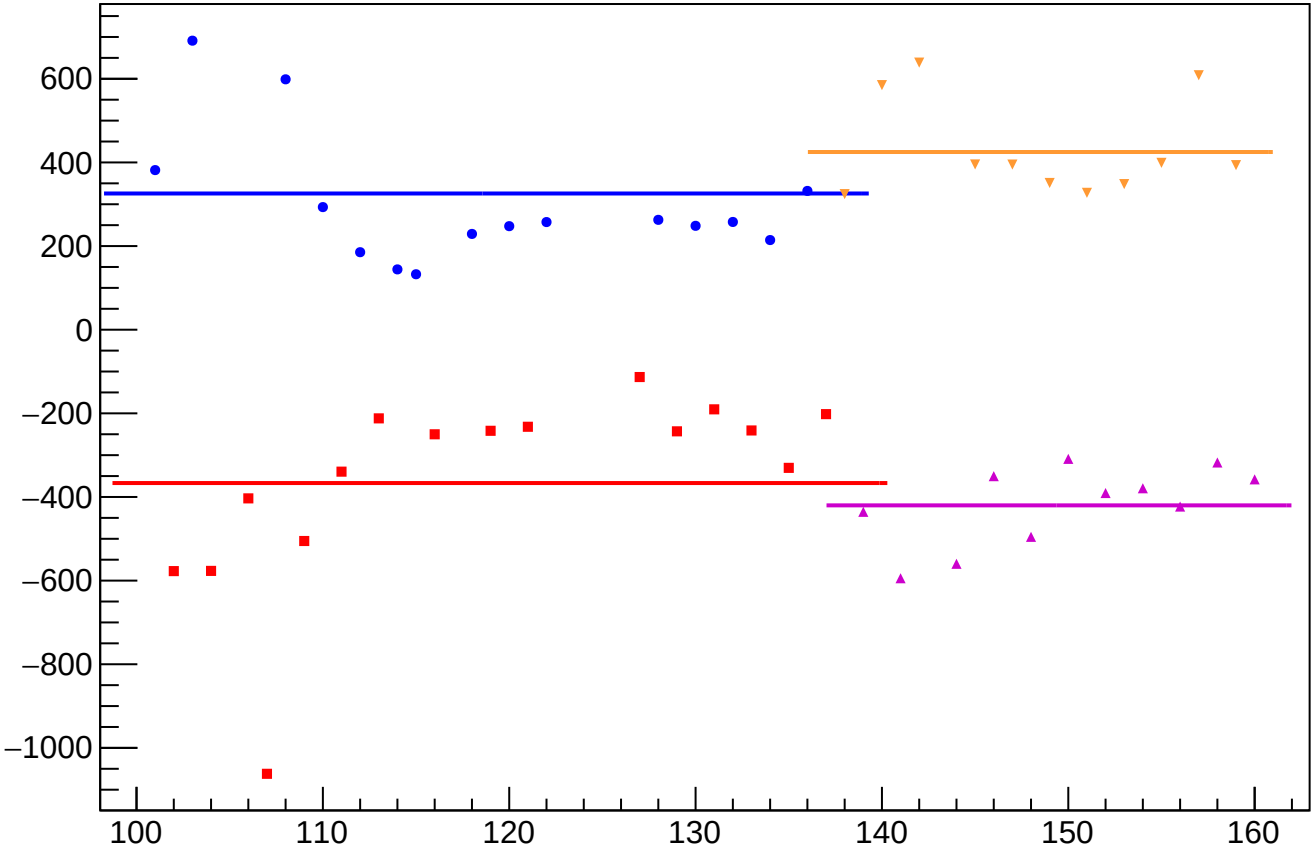
Right Out: -4667.832+/-0.000 χ^2/NDF: 32019255357828074503209517721593095127 04.0/15

Out: 402.314+/-0.000 χ^2/NDF:3451469288999319

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -295.959+/-0.000 χ^2/NDF: 67696469529

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 424.941+/-0.000 χ^2/NDF:962182867327264981338377327246888 1408.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 320972506999479564091174401153989 34528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:770651427670926926340441949180264 4480.0/10

Left: -15.185+/-0.000 χ^2/NDF: 3334495289432470

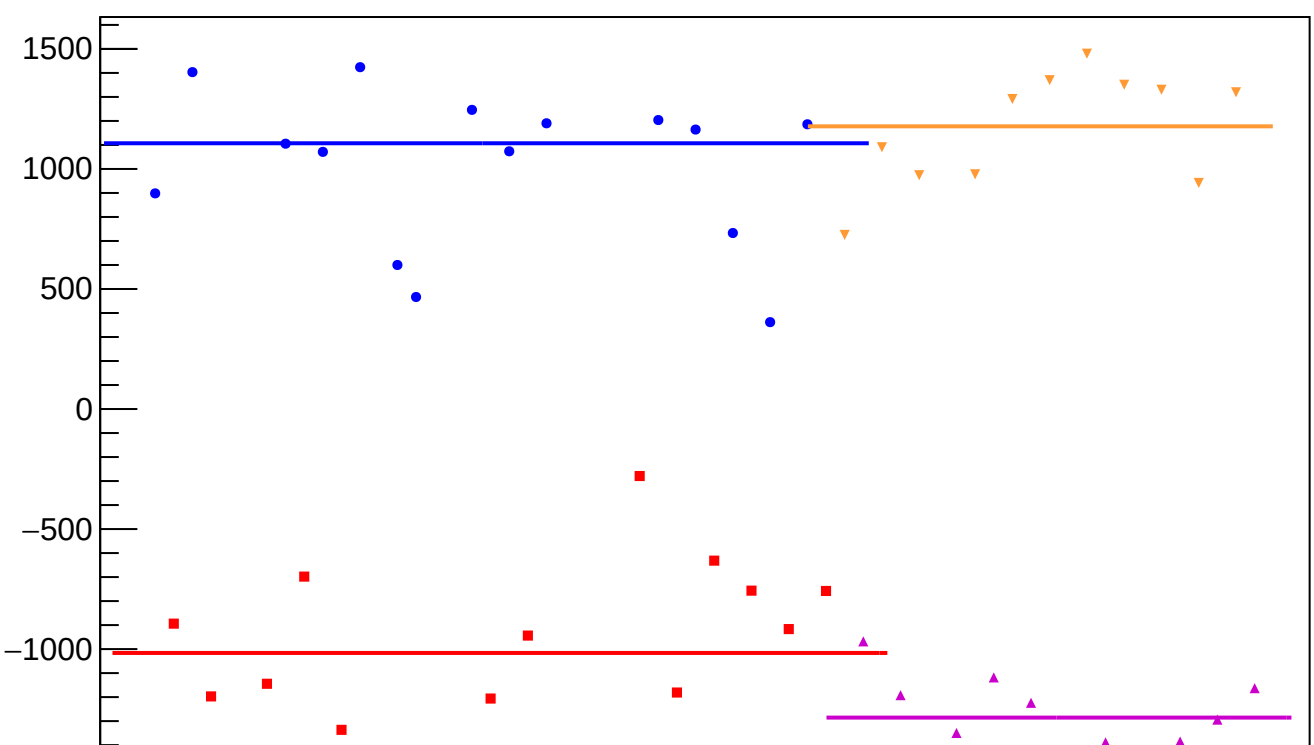
Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 76.877+/-0.000 χ^2/NDF:2759239617968123 7

All: -19.455+/-0.000 χ^2/NDF: 537961516832

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -105.275+/-0.000 χ^2/NDF: 275286776281893

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1177.551+/-0.000 χ^2/NDF:432990323993542902641234833031781416 96.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

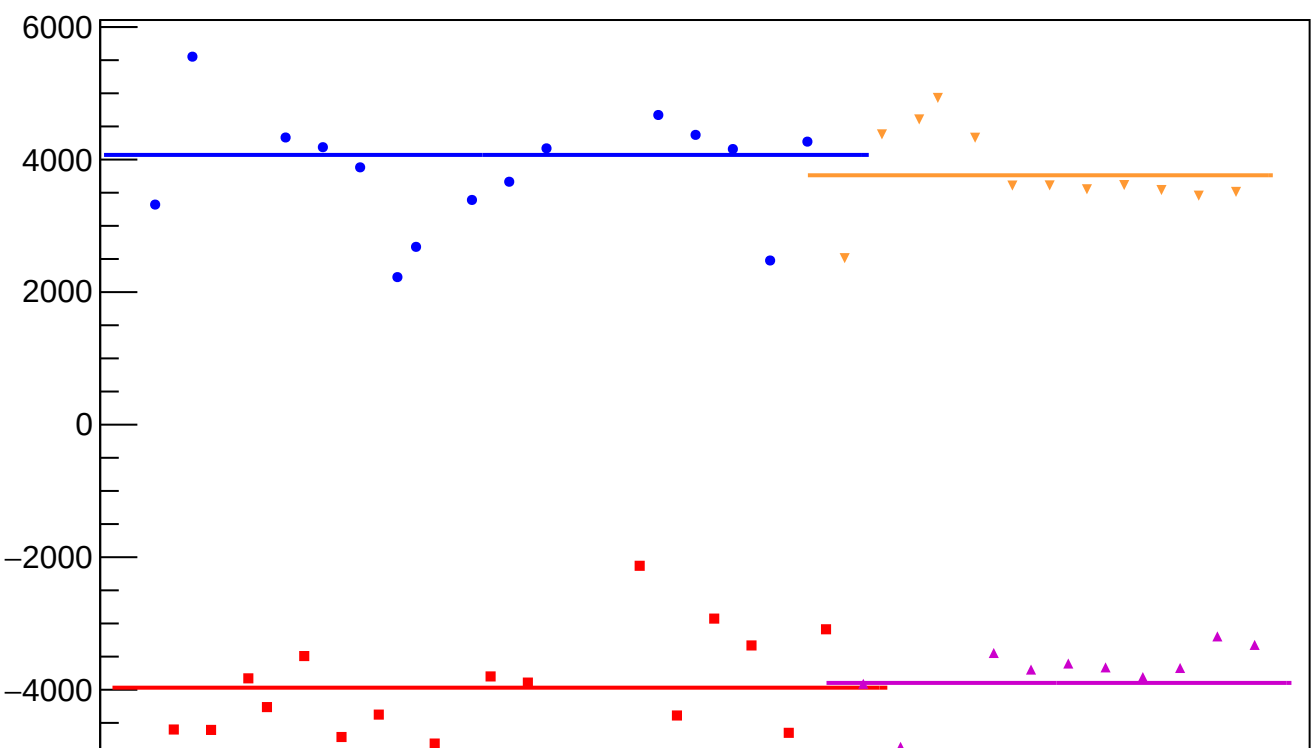
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 213.036+/-0.000 χ^2/NDF:191430952904366 2

Left In: -1285.364+/-0.000 χ^2/NDF:240025728037323459597360480955148533 76.0/10

All: -47.257+/-0.000 χ^2/NDF: 436288028349

dit_usr_coil4_mean vs Slug, Sign Corrected



Left: -81.383+/-0.000 χ^2/NDF: 2774553088418693

Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14

Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721

Left Out: 3763.117+/-0.000 χ^2/NDF:3288304104942859974906352696227476275 20.0/11

In: -609.591+/-0.000 χ^2/NDF:2495492786013162

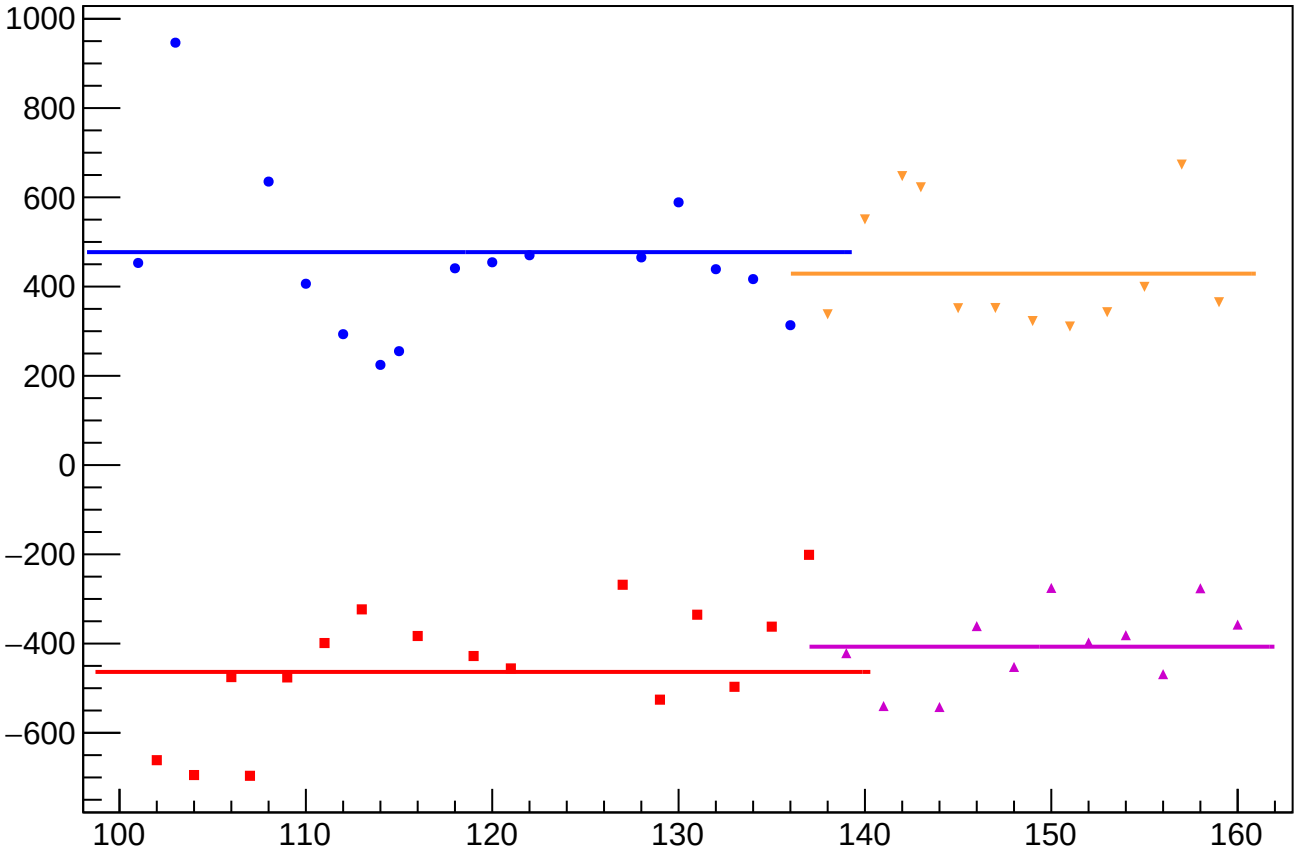
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948846 08.0/15

Out: 507.349+/-0.000 χ^2/NDF:2377250014239513

Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531788 8.0/10

All: -49.175+/-0.000 χ^2/NDF: 497120475909

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Left: 9.404+/-0.000 χ^2/NDF: 34394484676097827

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964

Left Out: 428.977+/-0.000 χ^2/NDF:1529382778606567993198848445469268 3776.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342

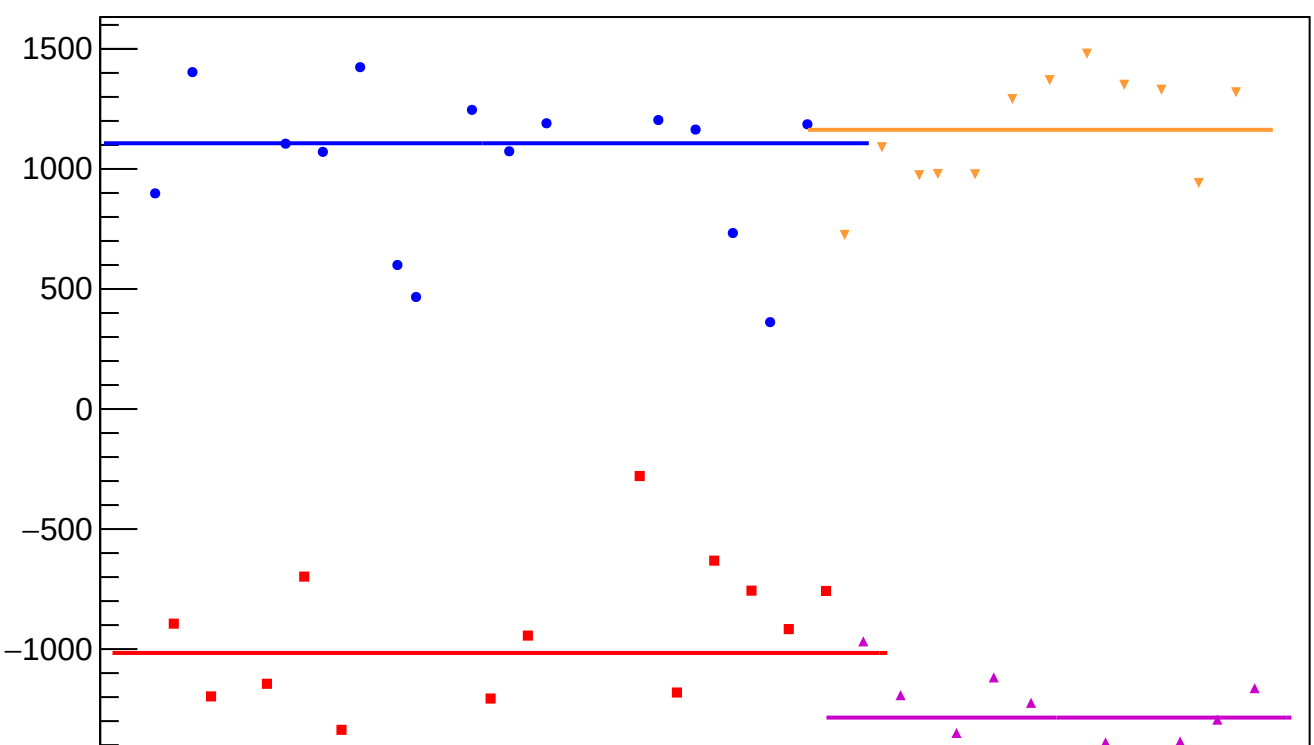
Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457 1904.0/15

Out: 53.162+/-0.000 χ^2/NDF:335422311068669

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827 456.0/10

All: 5.652+/-0.000 χ^2/NDF: 6681019457854

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

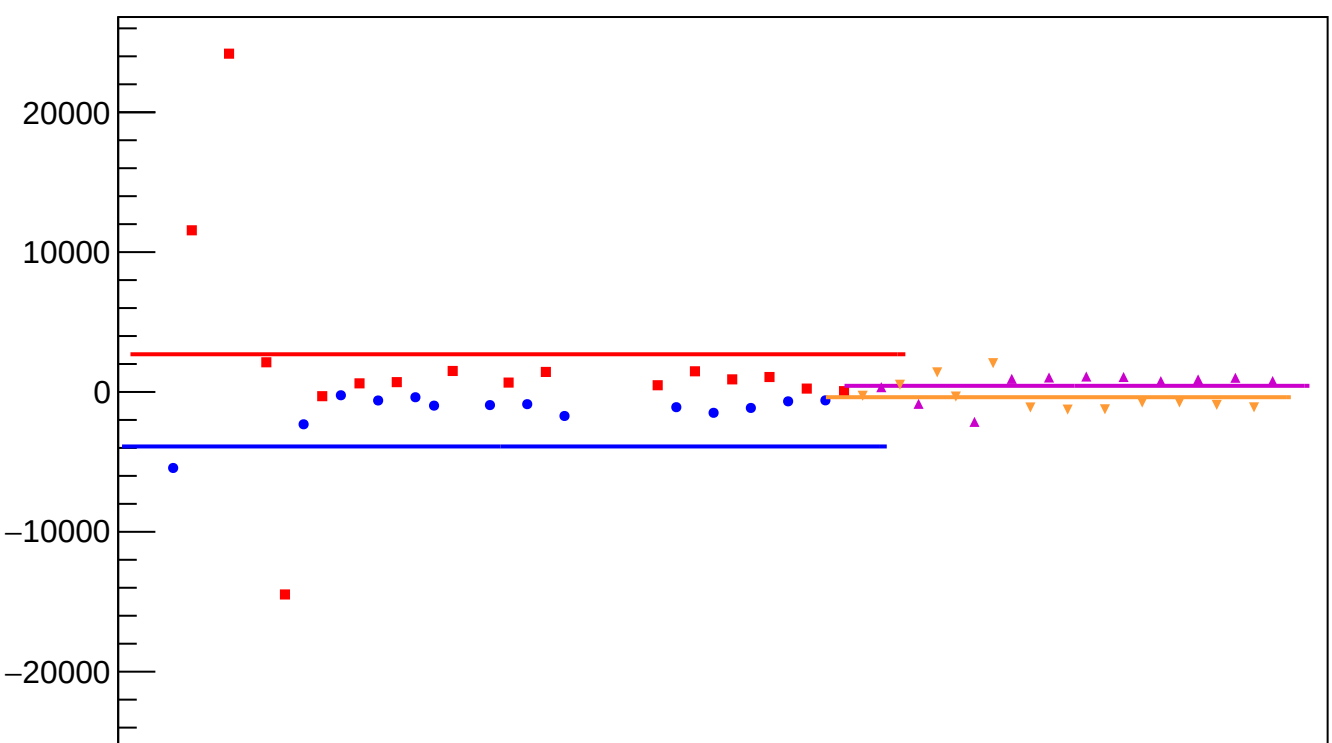
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

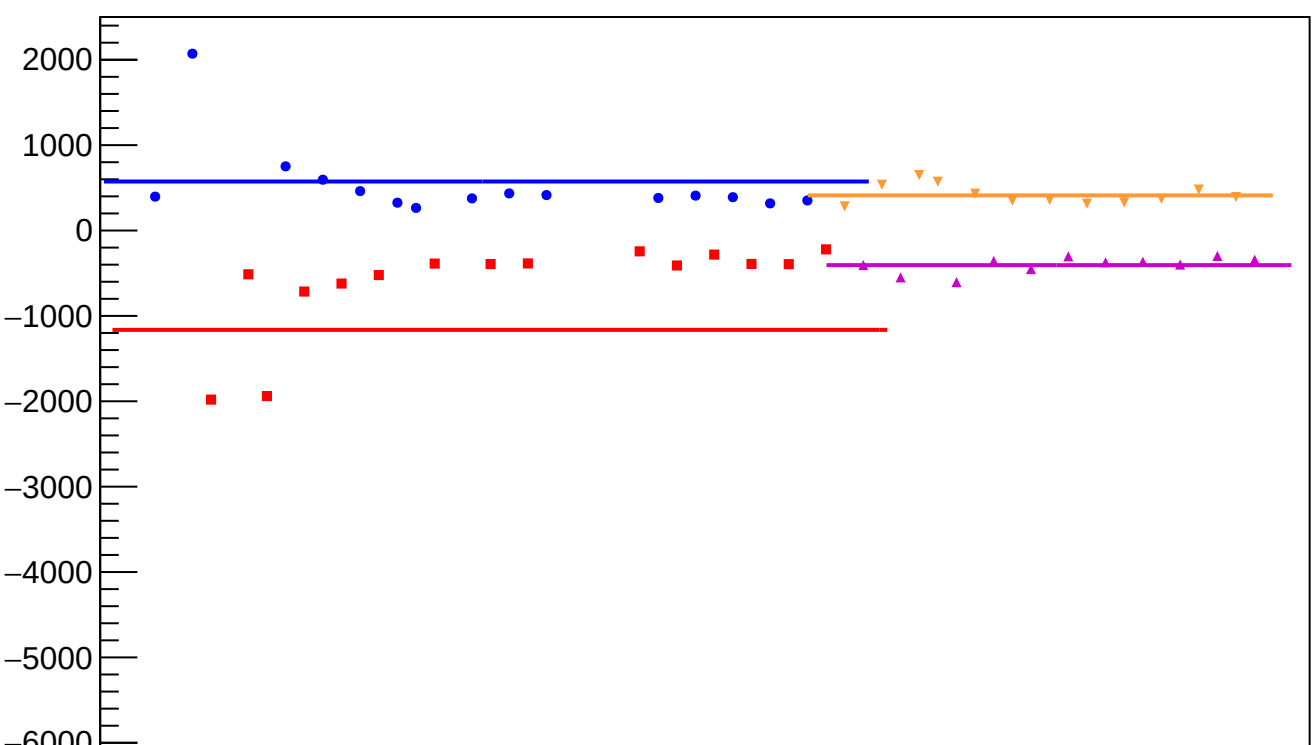
All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atl1_coil4_mean vs Slug, Sign Corrected



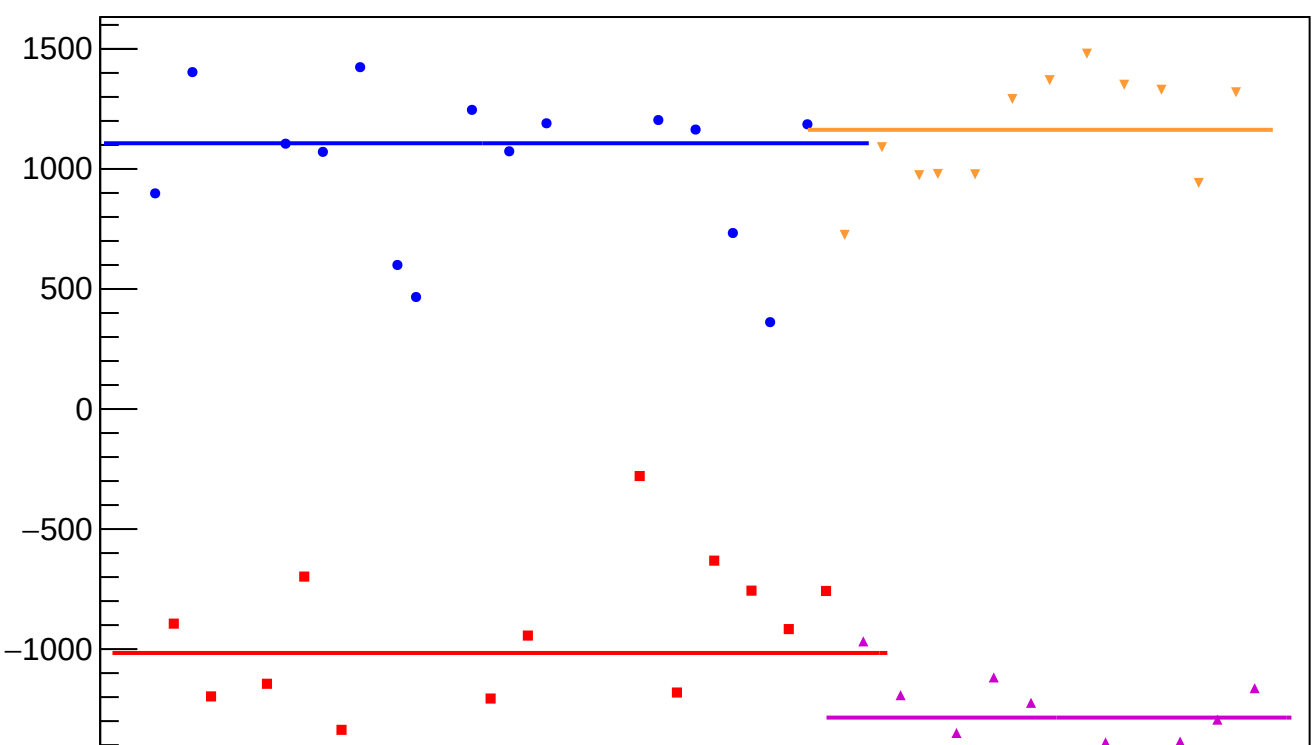
Left: 34.090+/-0.000 χ^2/NDF: 2171473726415562
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -374.202+/-0.000 χ^2/NDF:9458681751446739631330703811354967408 64.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 918.614+/-0.000 χ^2/NDF:4540808093027844
Left In: 439.289+/-0.000 χ^2/NDF:9210315667337238728294540785589304688 64.0/10
All: -211.548+/-0.000 χ^2/NDF: 9717508837 3

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Left: 1.594+/-0.000 χ^2/NDF: 32464199210012469
Right In: 574.055+/-0.000 χ^2/NDF: 15210522988916042301849370958239052595 2.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 411.666+/-0.000 χ^2/NDF:931075356204691907006762156089461964 8.0/11
In: -1.272+/-0.000 χ^2/NDF:5259070601375746 20
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -251.697+/-0.000 χ^2/NDF:297080395664297
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -126.921+/-0.000 χ^2/NDF: 3546206487 1

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

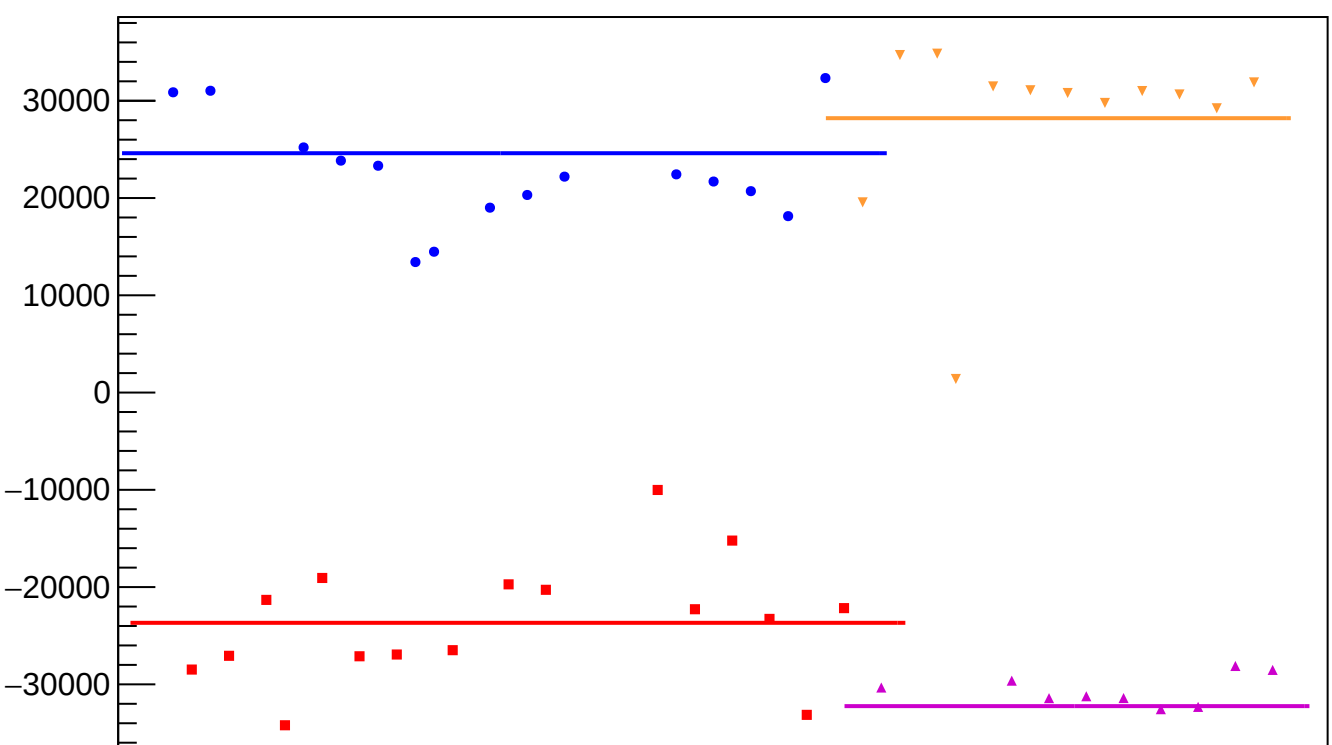
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

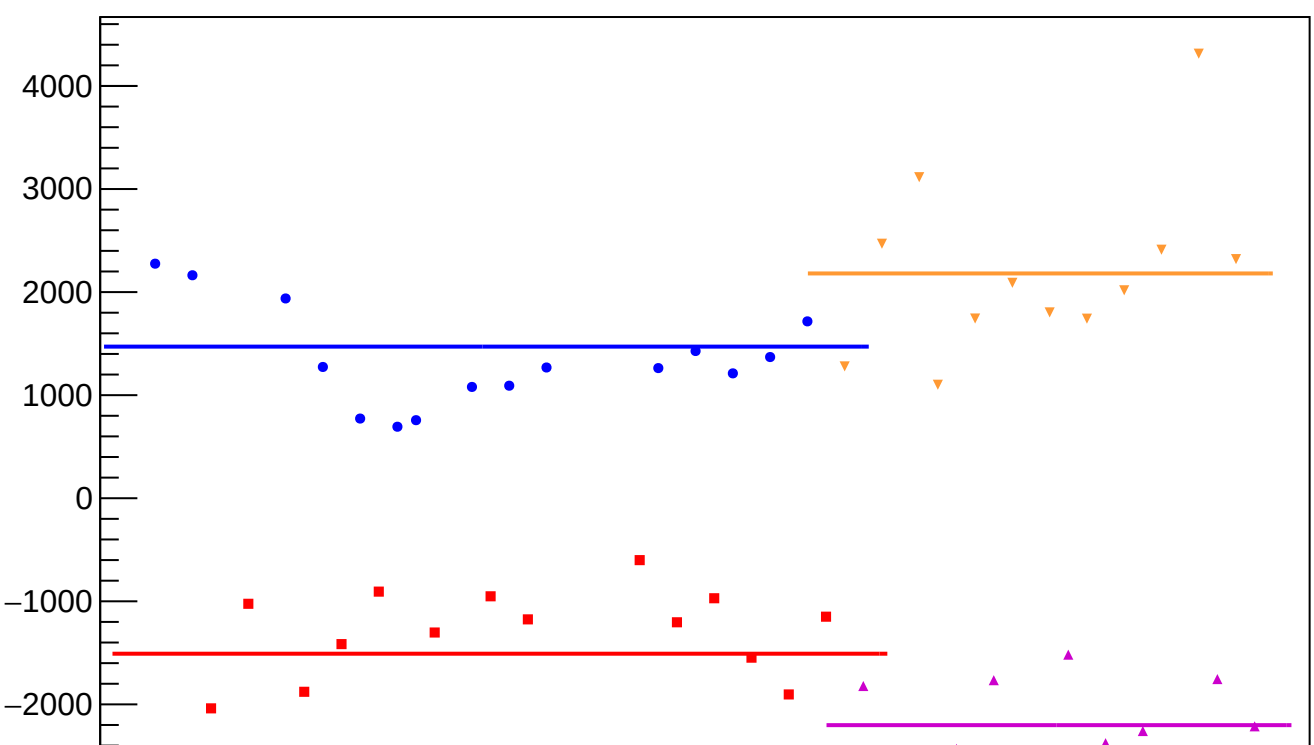
All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atl2_coil4_mean vs Slug, Sign Corrected



Left: -2129.690+/-0.000 χ^2/NDF: 17577546606555
Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14
Right: 137.211+/-0.000 χ^2/NDF: 809207355903527
Left Out: 28209.767+/-0.000 χ^2/NDF:640525882088157865012711361542179572940 80.0/11
In: -8784.508+/-0.000 χ^2/NDF:126151138901902
Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15
Out: 6362.273+/-0.000 χ^2/NDF:112832283543157
Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10
All: -1184.729+/-0.000 χ^2/NDF: 2570905684

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Left: -18.631+/-0.000 χ^2/NDF: 9595380755067220

Right In: 1471.095+/-0.000 χ^2/NDF: 13917497942046784107389416795645201612 8.0/14

Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

Left Out: 2180.972+/-0.000 χ^2/NDF:5987032261219997887471511740263474135 04.0/11

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

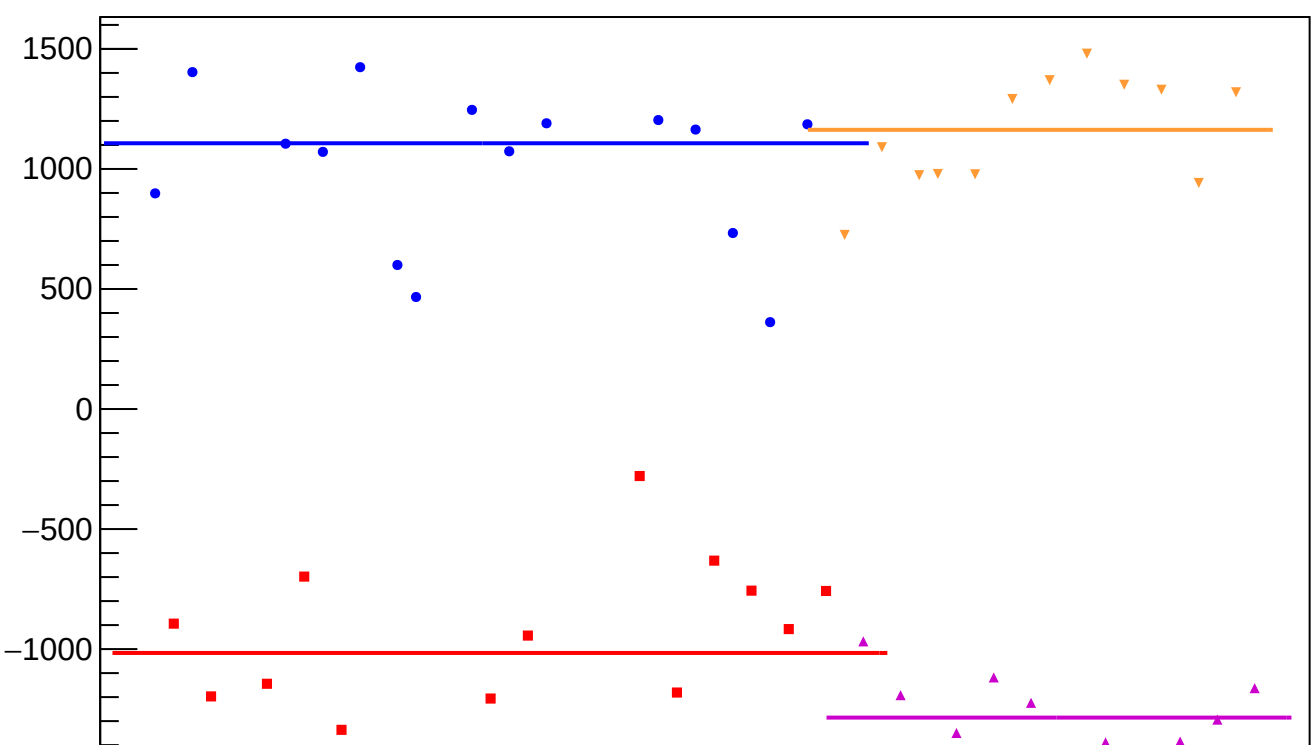
Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Out: 627.408+/-0.000 χ^2/NDF:6104805948721339

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

All: -27.145+/-0.000 χ^2/NDF: 129051743087

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

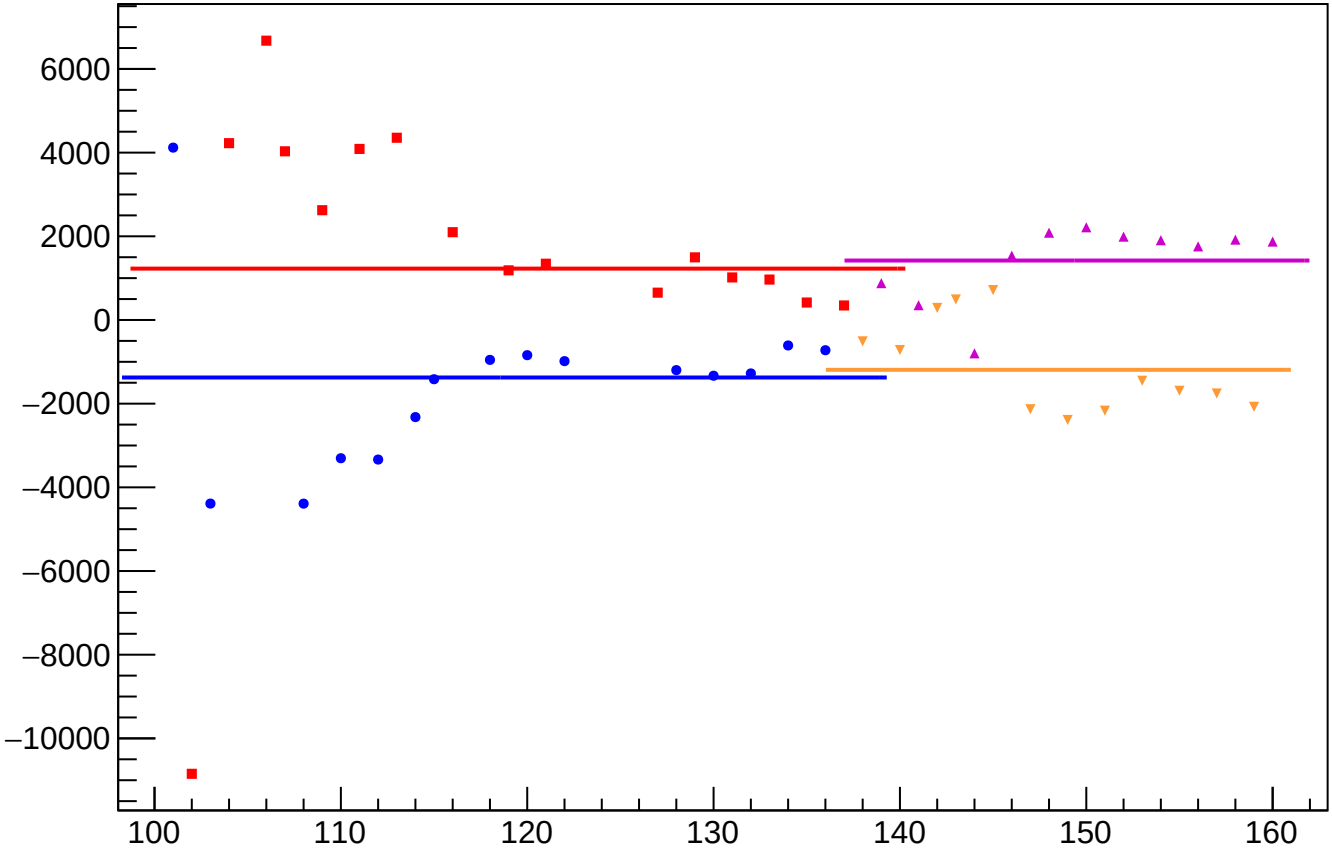
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atr1_coil4_mean vs Slug, Sign Corrected



Left: 119.834+/-0.000 χ^2/NDF: 4903379943357671

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1191.069+/-0.000 χ^2/NDF:1015662132878322627077441101495867015168.0/11

In: 267.494+/-0.000 χ^2/NDF:6799621290562421

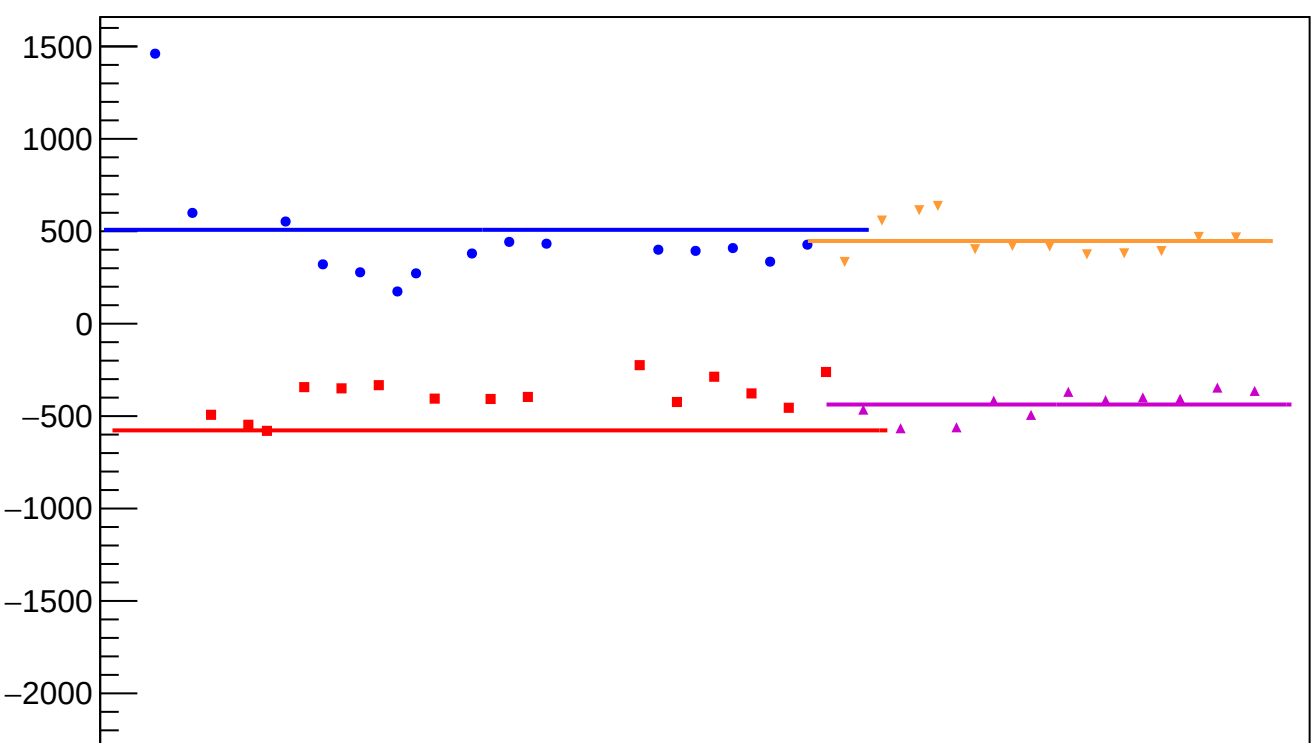
Right Out: 1227.879+/-0.000 χ^2/NDF: 1111531299992662339646645021844862245273 6.0/15

Out: -172.484+/-0.000 χ^2/NDF:143903749815765

Left In: 1420.806+/-0.000 χ^2/NDF:7479870857859201626379169322173611376 64.0/10

All: 46.739+/-0.000 χ^2/NDF: 2134277804715

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Left: 3.378+/-0.000 χ^2/NDF: 372215236119872011

Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14

Right: -42.141+/-0.000 χ^2/NDF: 692705775128653

Left Out: 447.436+/-0.000 χ^2/NDF:706907202896977463868898574275182592 0.0/11

In: -47.369+/-0.000 χ^2/NDF:40955291948460460

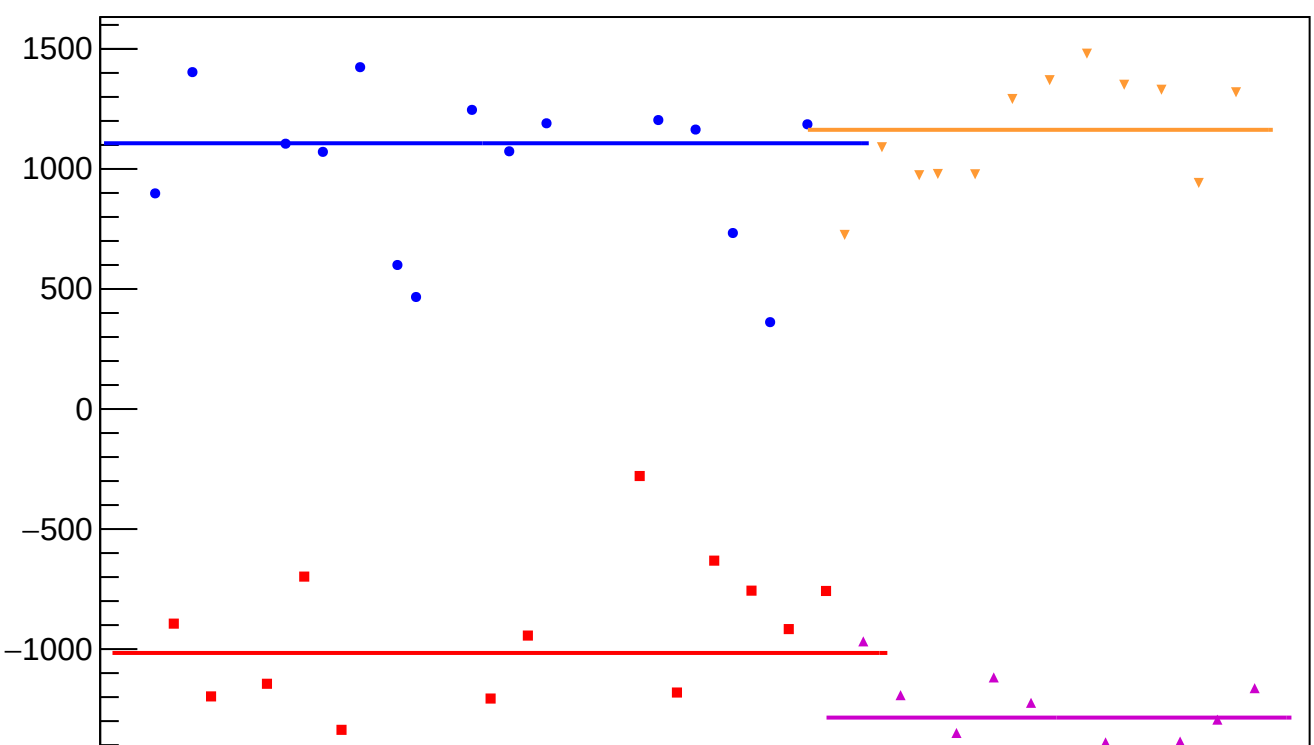
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15

Out: 15.955+/-0.000 χ^2/NDF:6537934259860128 7

Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10

All: -15.597+/-0.000 χ^2/NDF: 106651113090

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

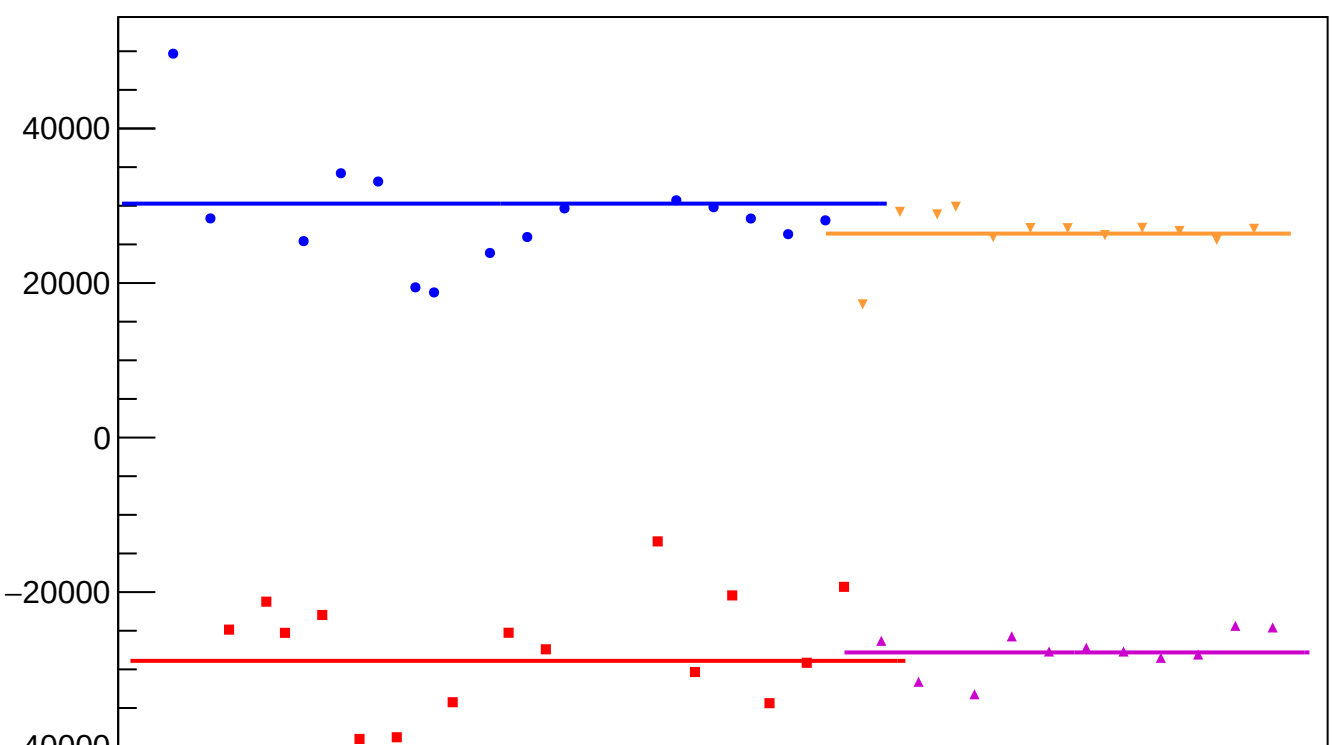
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

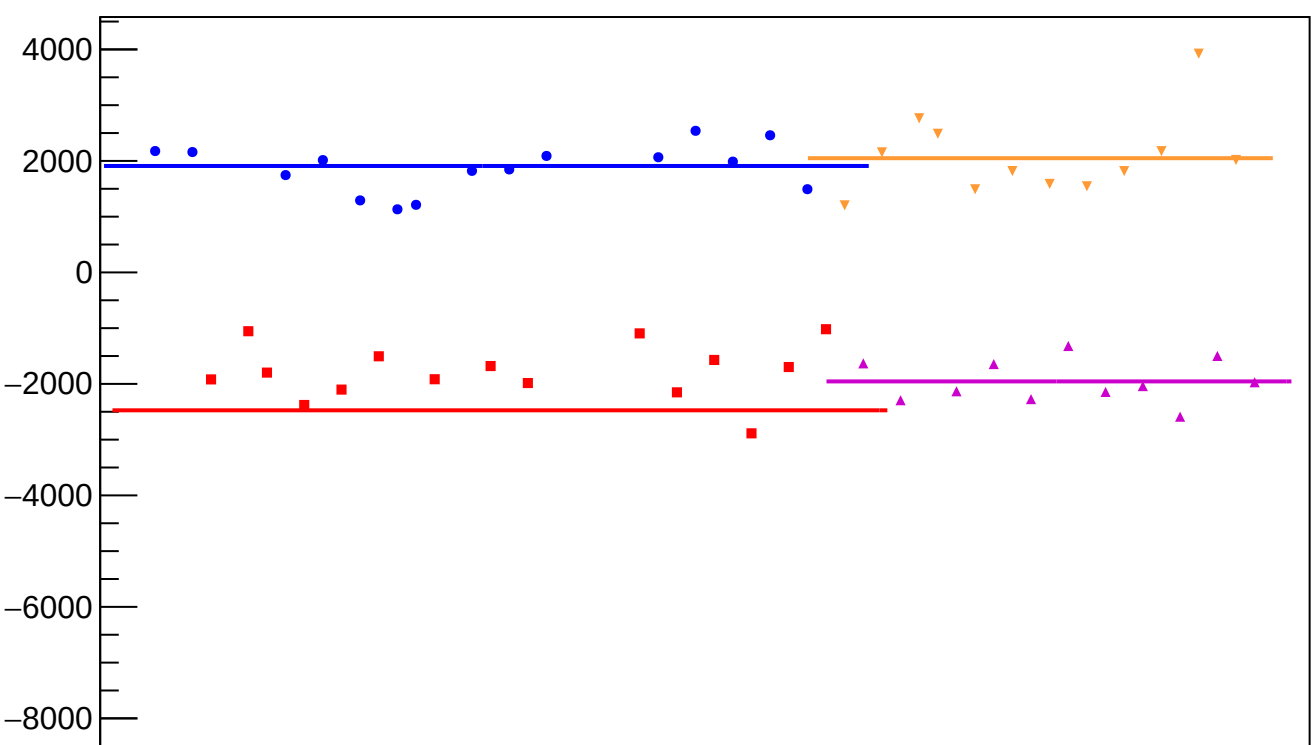
All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_atr2_coil4_mean vs Slug, Sign Corrected



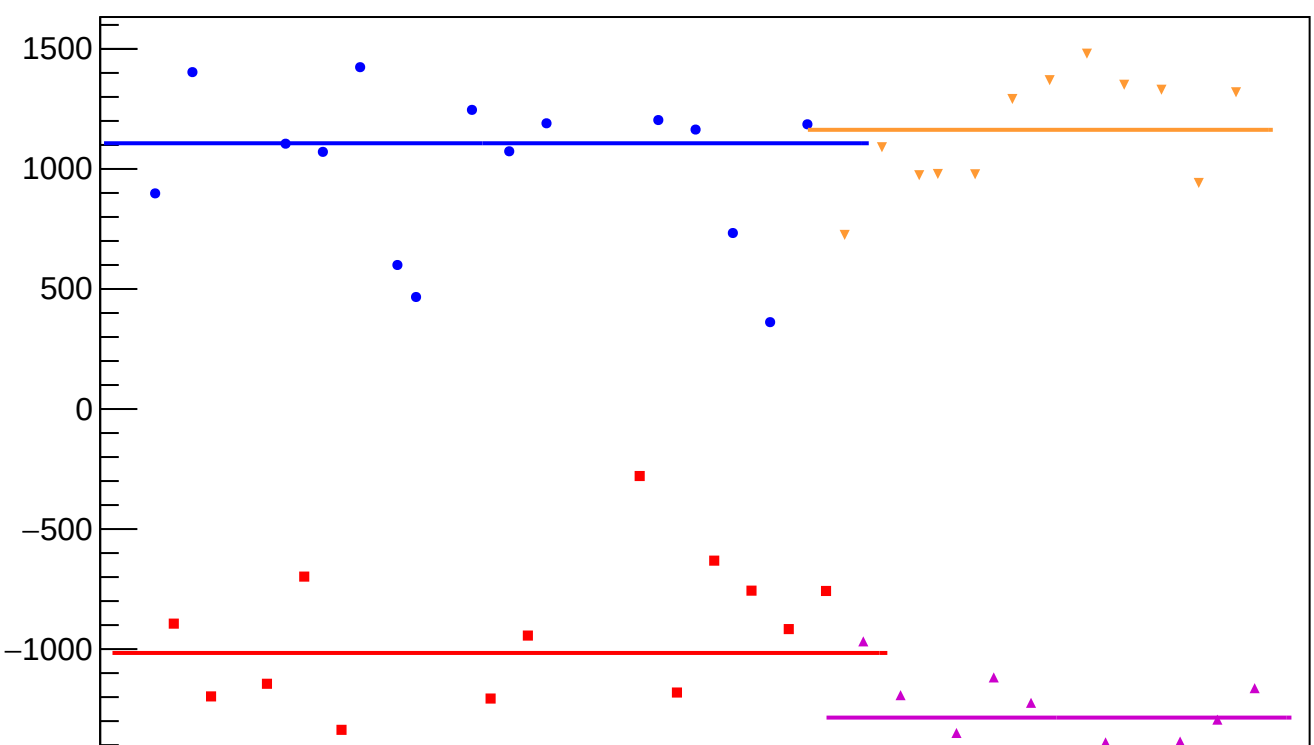
Left: -806.637+/-0.000 χ^2/NDF: 136711048094445
Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14
Right: 285.980+/-0.000 χ^2/NDF: 122974265906167
Left Out: 26400.073+/-0.000 χ^2/NDF:852345353206654257424343989900837650432 0.0/11
In: -3842.144+/-0.000 χ^2/NDF:132338595511608
Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15
Out: 3115.545+/-0.000 χ^2/NDF:123617666478077
Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10
All: -351.178+/-0.000 χ^2/NDF: 25977693003

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Left: 39.262+/-0.000 χ^2/NDF: 7950641036377747
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2049.063+/-0.000 χ^2/NDF:4437211009992955156726740363485097492 48.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 3033908025746418121738753286600386412544.0/15
Out: 144.475+/-0.000 χ^2/NDF:113771516901809
Left In: -1955.312+/-0.000 χ^2/NDF:1269090523838381660352940821773476167 68.0/10
All: -107.266+/-0.000 χ^2/NDF: 17487329271

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

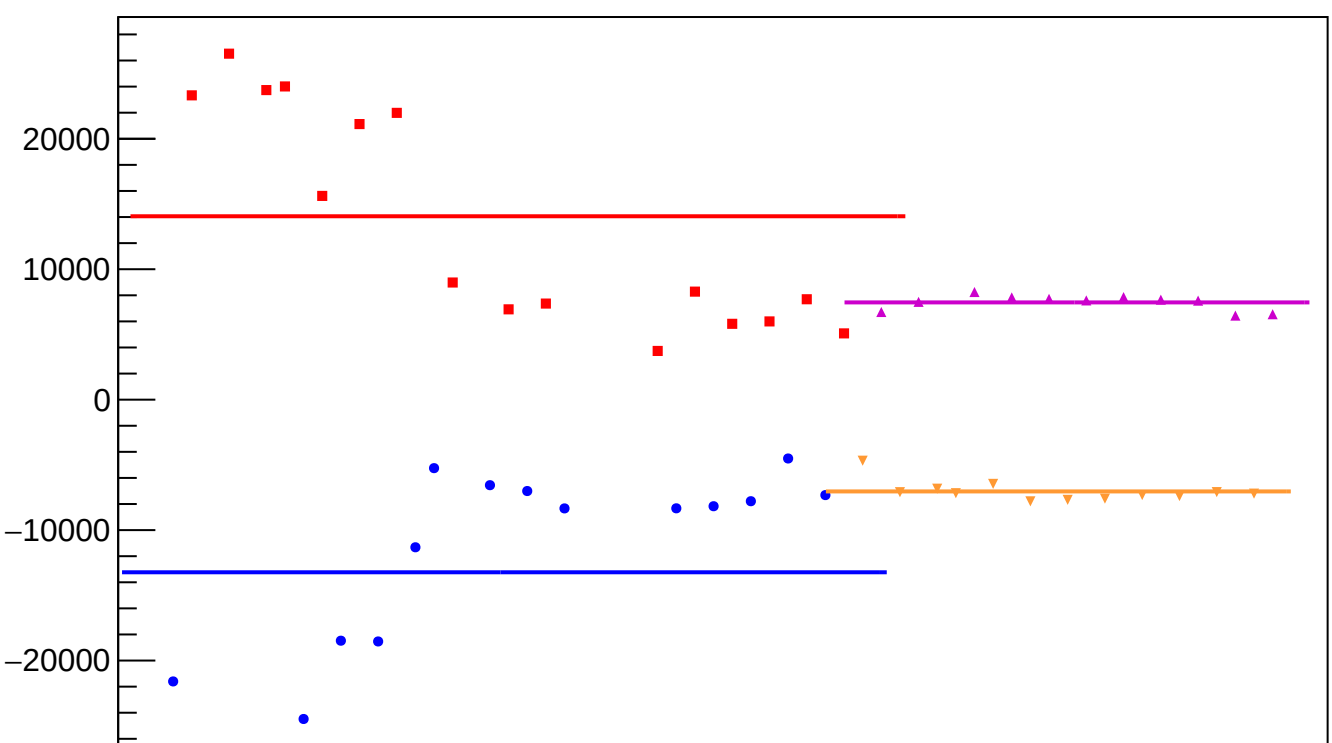
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 238.400+/-0.000 χ^2/NDF: 9751063726876122

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7034.420+/-0.000 χ^2/NDF:586087700252049179265432435380023459840.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

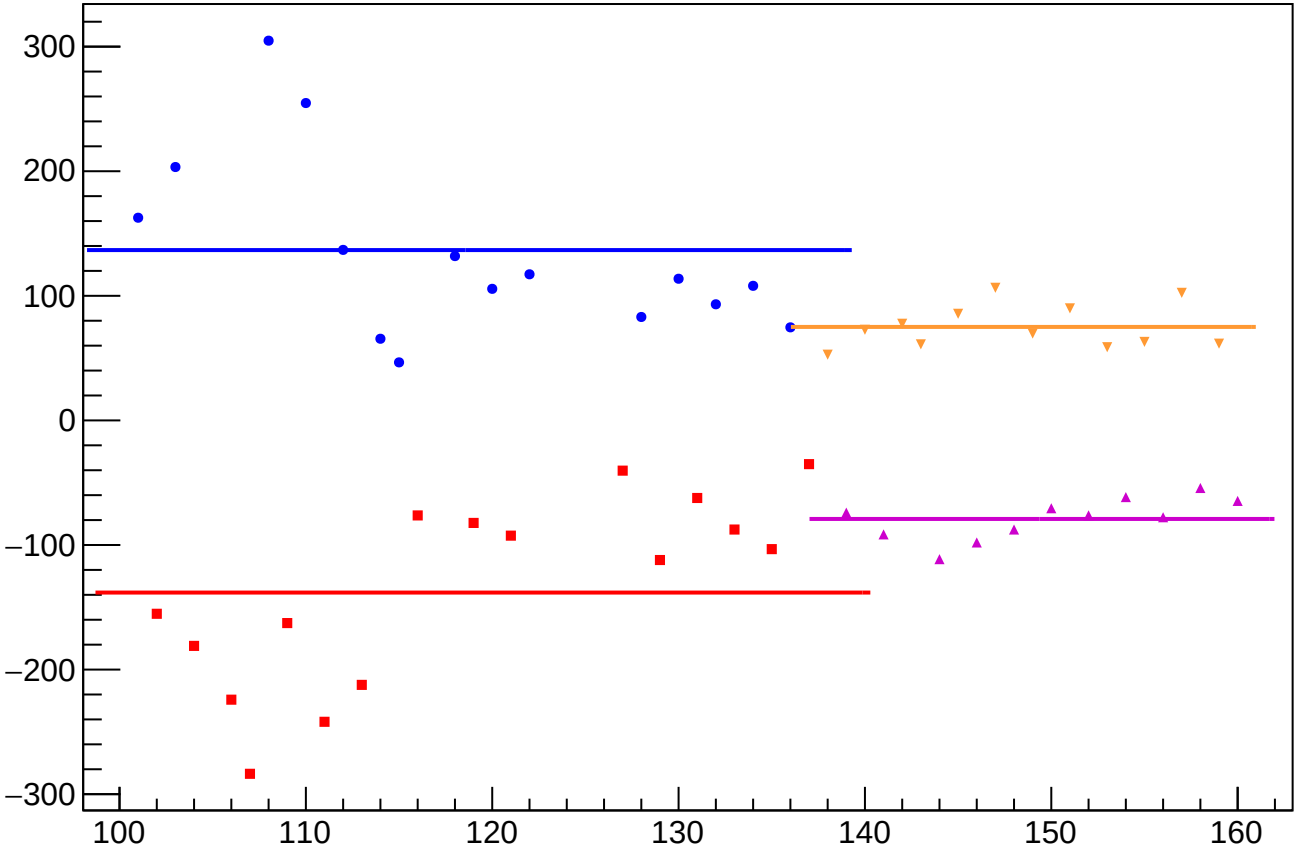
Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1848.185+/-0.000 χ^2/NDF:216898943456081

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.145+/-0.000 χ^2/NDF: 42839590494 8

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -2.324+/-0.000 χ^2/NDF: 11443199732666007

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.033+/-0.000 χ^2/NDF:2656978002749540884156088723743703 04.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

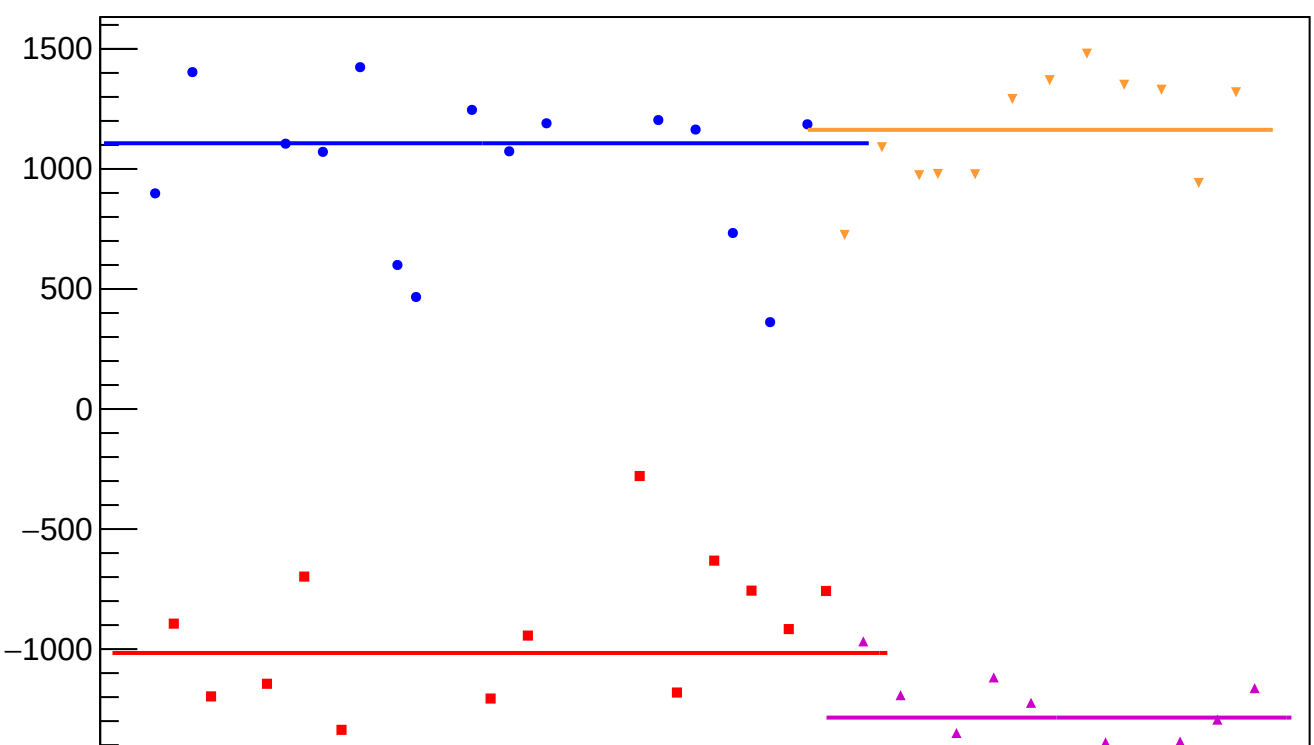
Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.747+/-0.000 χ^2/NDF:2105017131022342

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.445+/-0.000 χ^2/NDF: 4221727121021

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

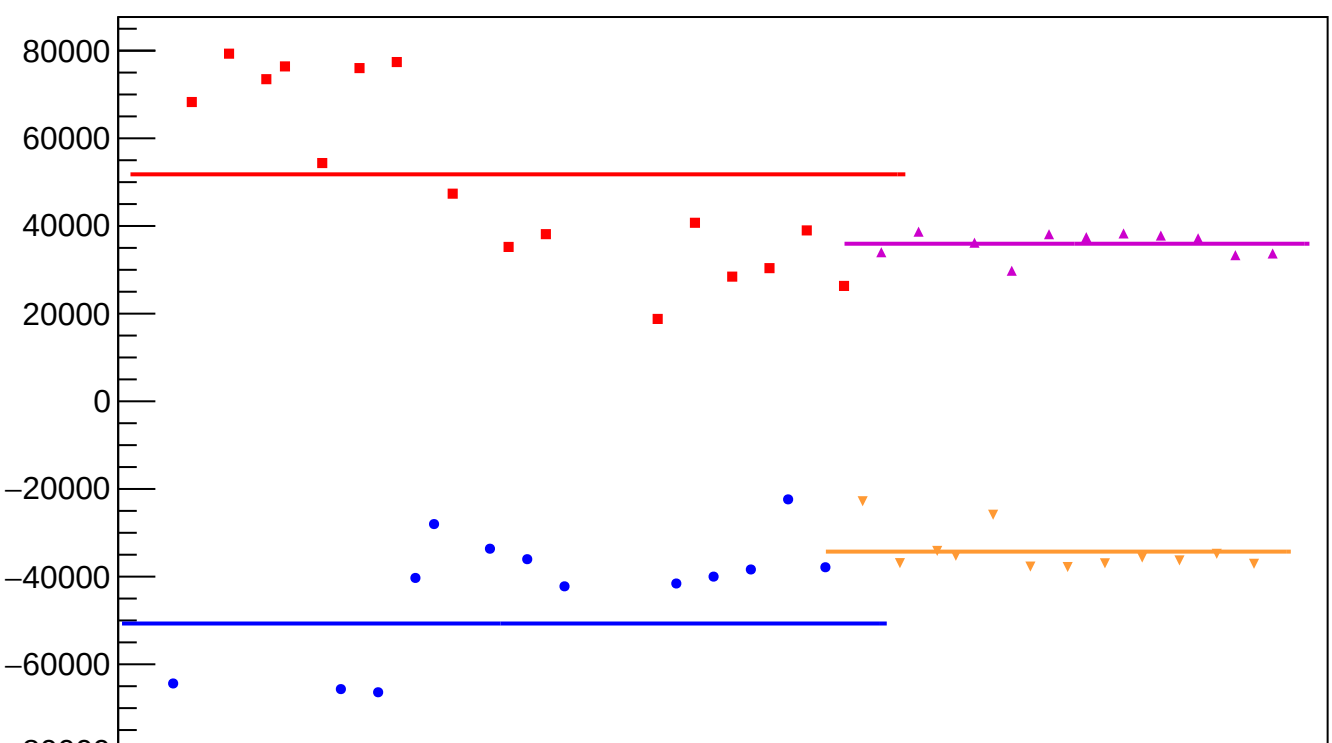
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam2_coil4_mean vs Slug, Sign Corrected



Left: 962.319+/-0.000 χ^2/NDF: 2297605791567623

Right In: -50695.424+/-0.000 χ^2/NDF: 2266135852539085766830777611321883555266 56.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 3962919537137 9

Left Out: -34292.100+/-0.000 χ^2/NDF:2027312940399082078986610590811666409062 4.0/11

In: 200.989+/-0.000 χ^2/NDF:3095190058444941 0

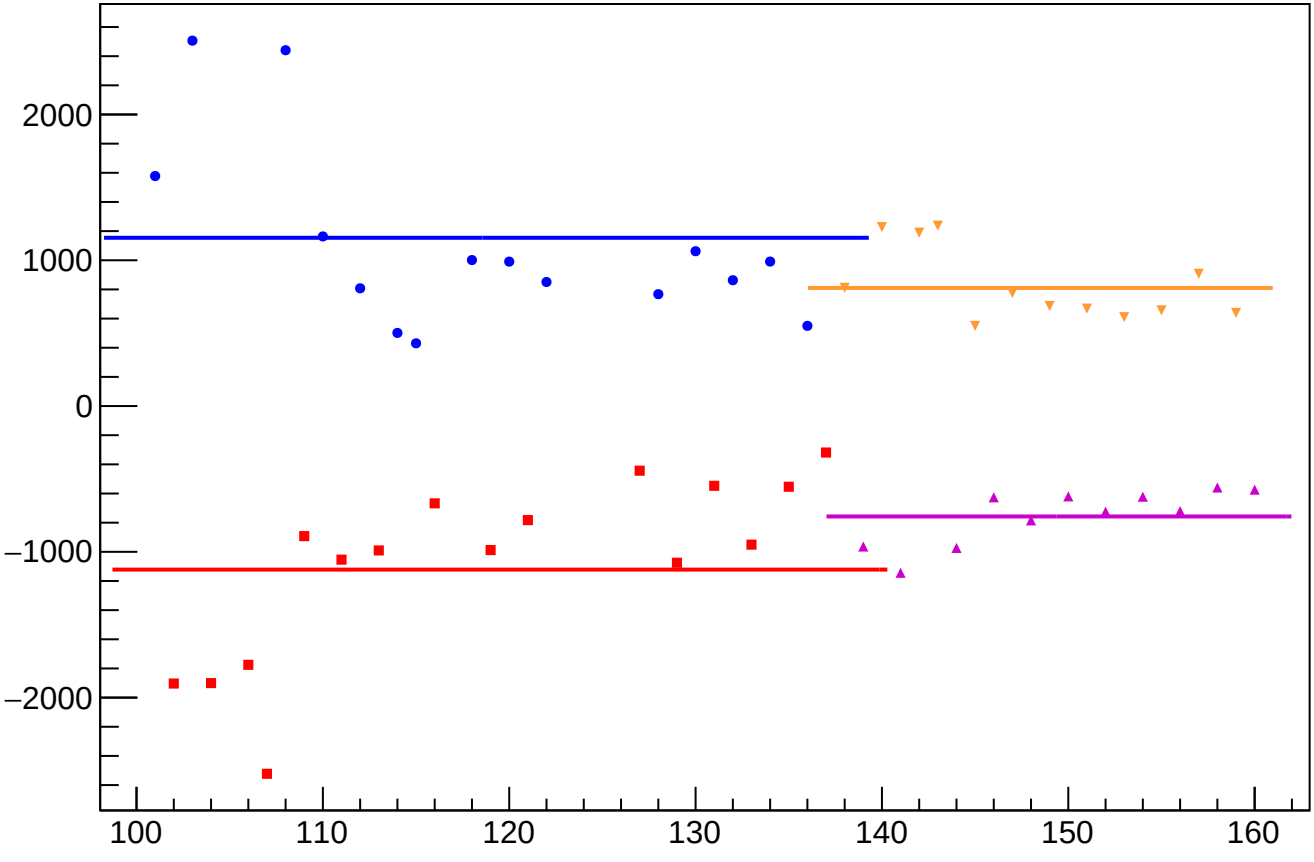
Right Out: 51783.912+/-0.000 χ^2/NDF: 2817896177291319962711541984726174788485 12.0/15

Out: 1953.291+/-0.000 χ^2/NDF:3162973219587 90

Left In: 35949.660+/-0.000 χ^2/NDF:6535777806152232441815832130596699635712.0/10

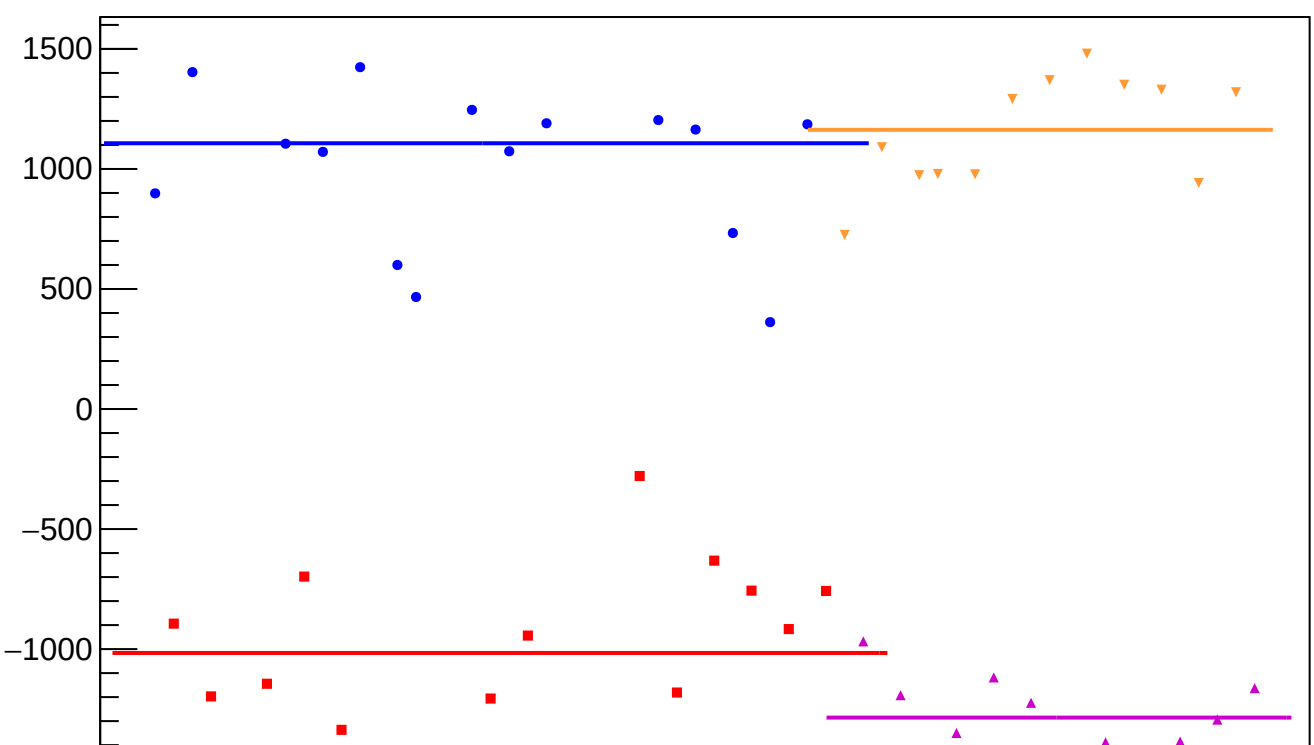
All: 1080.193+/-0.000 χ^2/NDF: 6260586691 3

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 23.400+/-0.000 χ^2/NDF: 1211723110123337
Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946 63731200.0/14
Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3
Left Out: 810.109+/-0.000 χ^2/NDF:49902289627136601603211934324001603584.0/11
In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97
Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440 02797617152.0/15
Out: -3.447+/-0.000 χ^2/NDF:1717426352651137 4
Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851 1744.0/10
All: 13.909+/-0.000 χ^2/NDF: 3391906593651

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

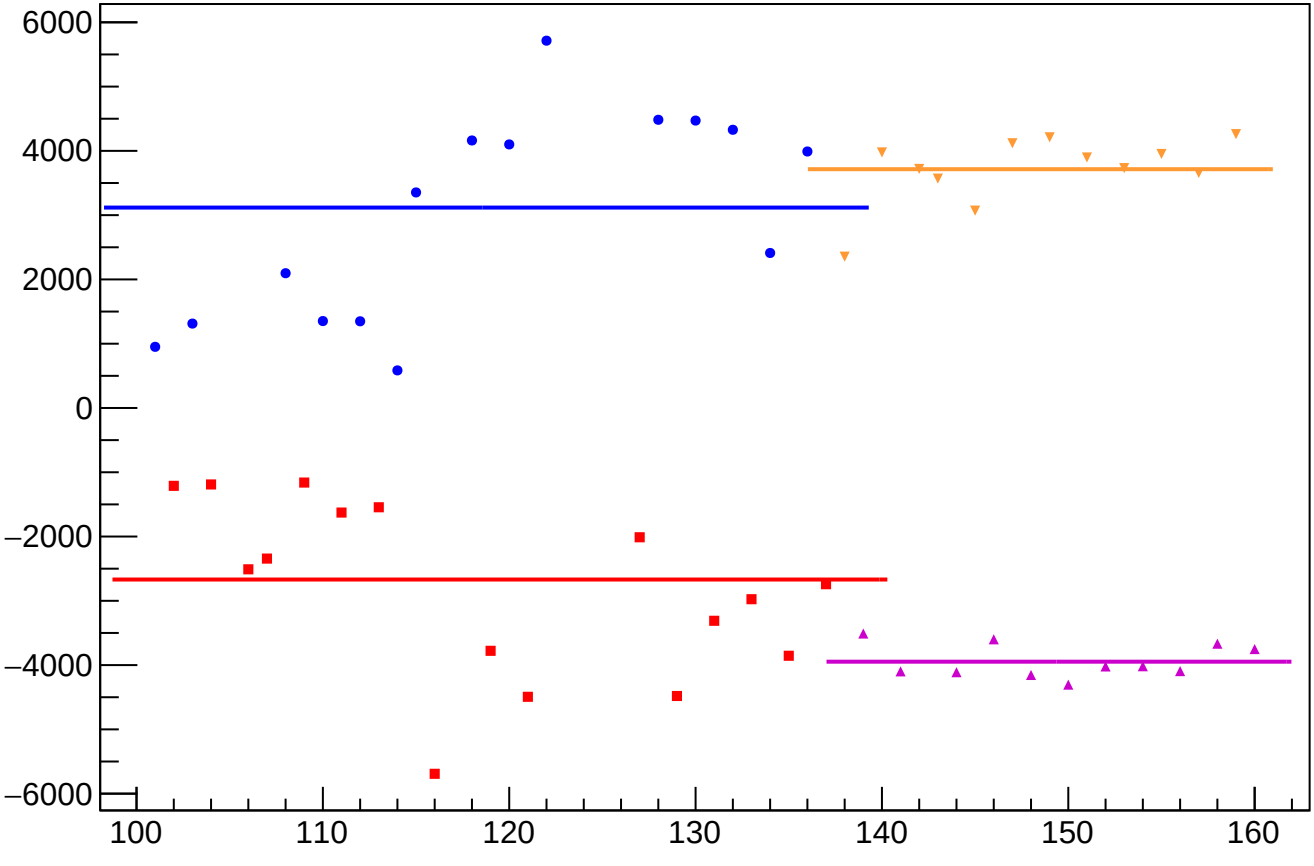
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

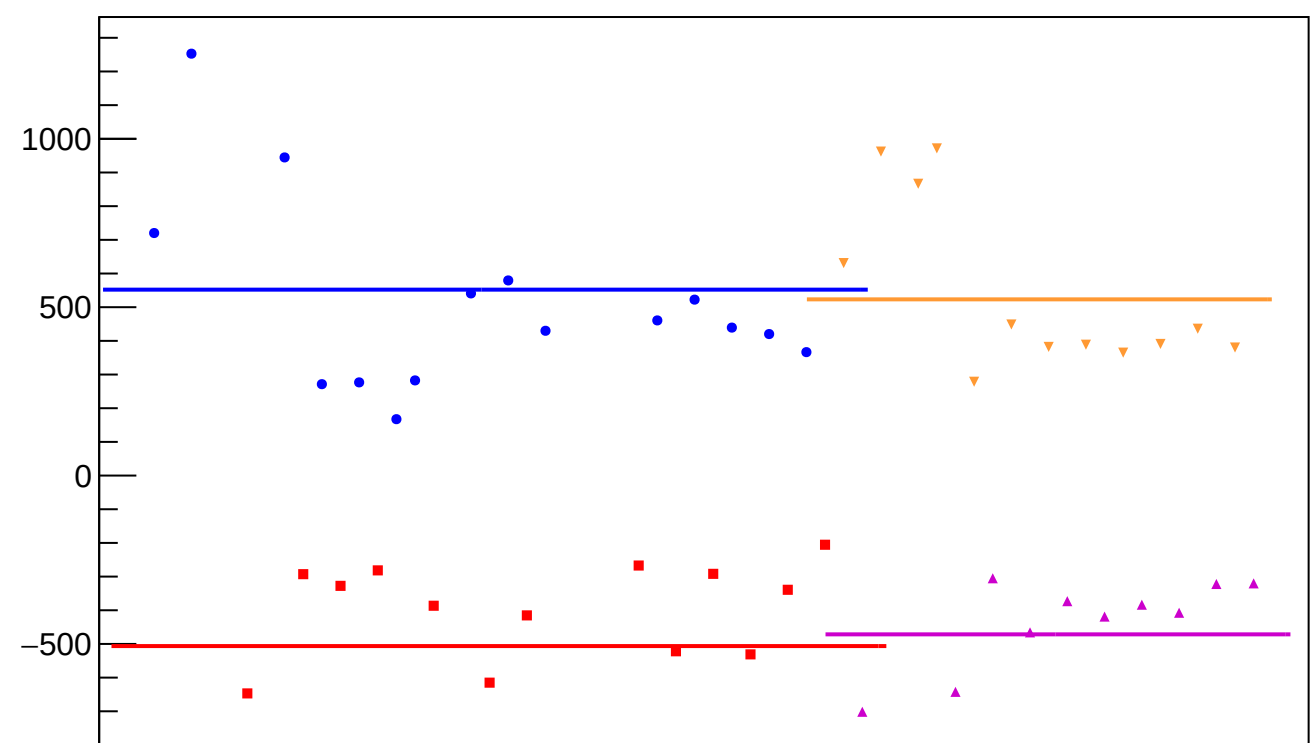
All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam3_coil4_mean vs Slug, Sign Corrected



Left: -130.638+/-0.000 χ^2/NDF: 273254041093418
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3714.902+/-0.000 χ^2/NDF:2496524034929409624753633728821272248 32.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1026.818+/-0.000 χ^2/NDF:171216983651116
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4110582772832

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Left: 23.972+/-0.000 χ^2/NDF: 5308590722926702

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 523.267+/-0.000 χ^2/NDF:4970286624499209741038683405949494886 4.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

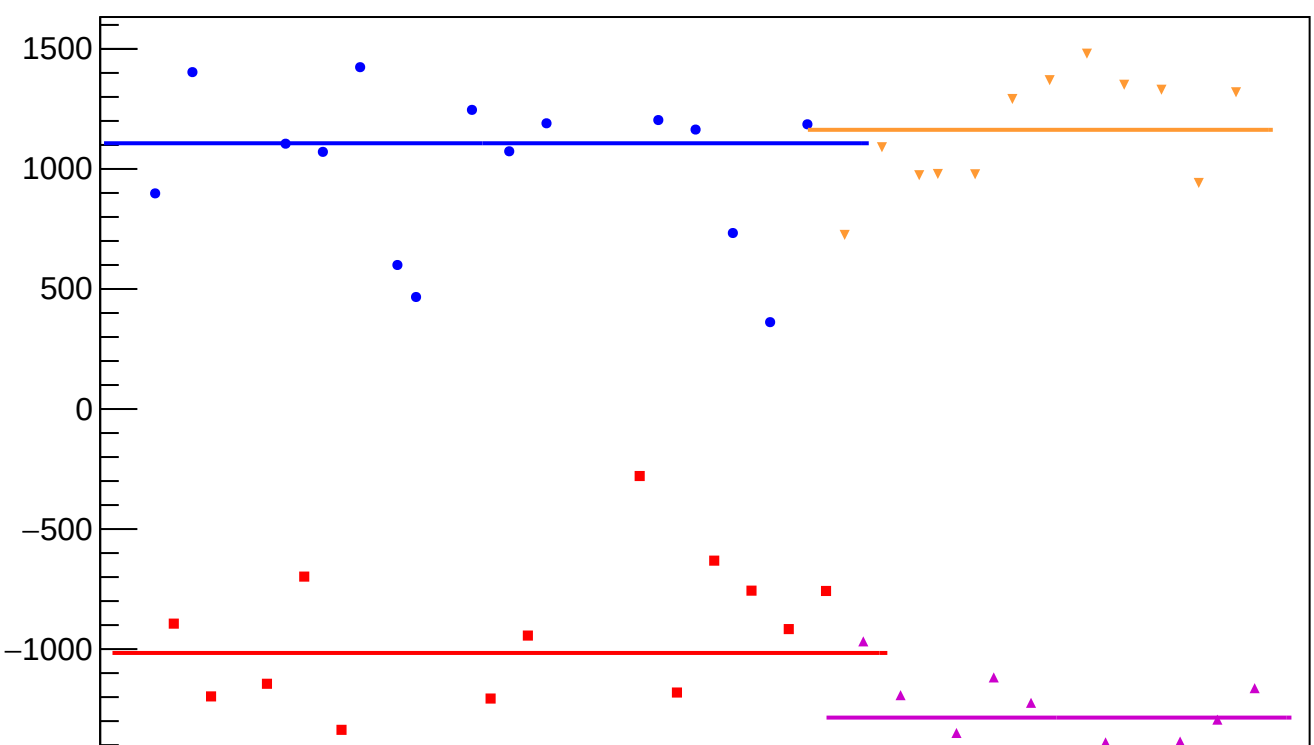
Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.712+/-0.000 χ^2/NDF:4962274960791484 1

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.500+/-0.000 χ^2/NDF: 9873505575210

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

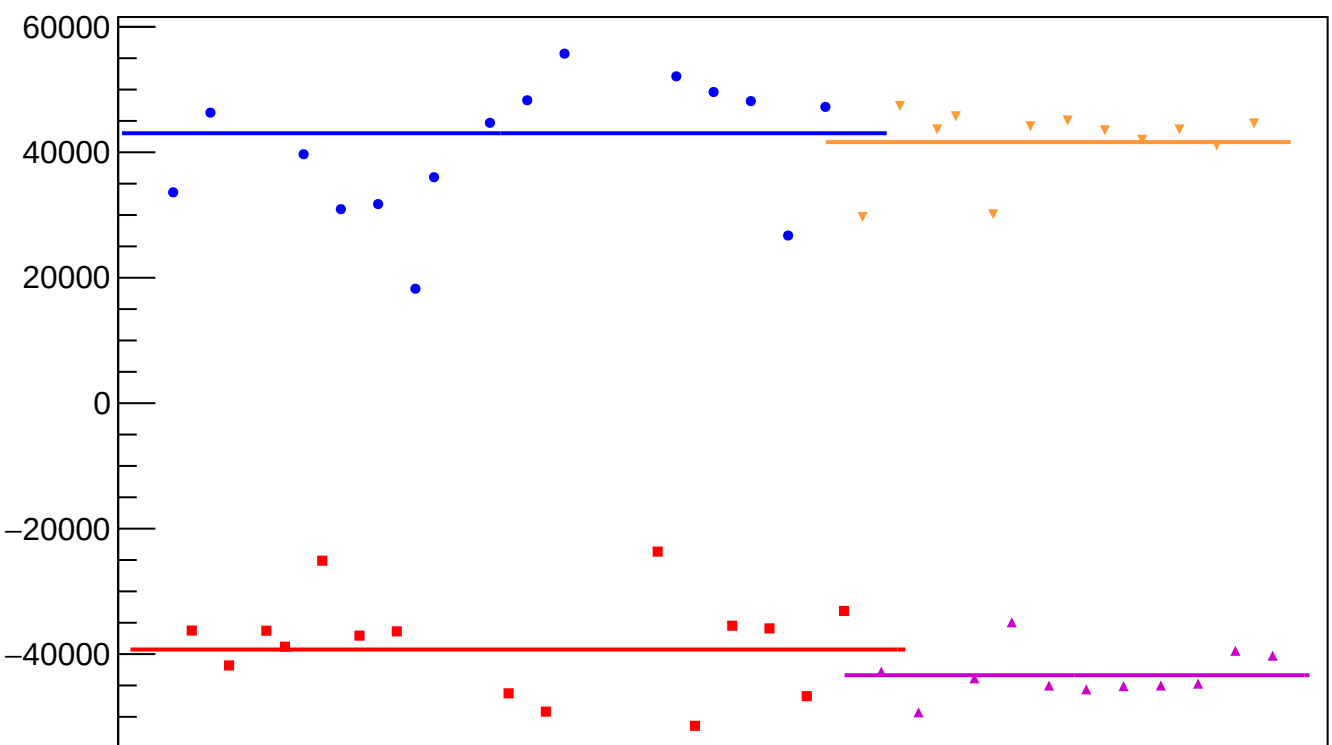
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam4_coil4_mean vs Slug, Sign Corrected



Left: -1032.708+/-0.000 χ^2/NDF: 33652194023824

Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14

Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556

Left Out: 41622.622+/-0.000 χ^2/NDF:28728414397722339003377552504288532496384.0/11

In: -7715.351+/-0.000 χ^2/NDF:290679667494142

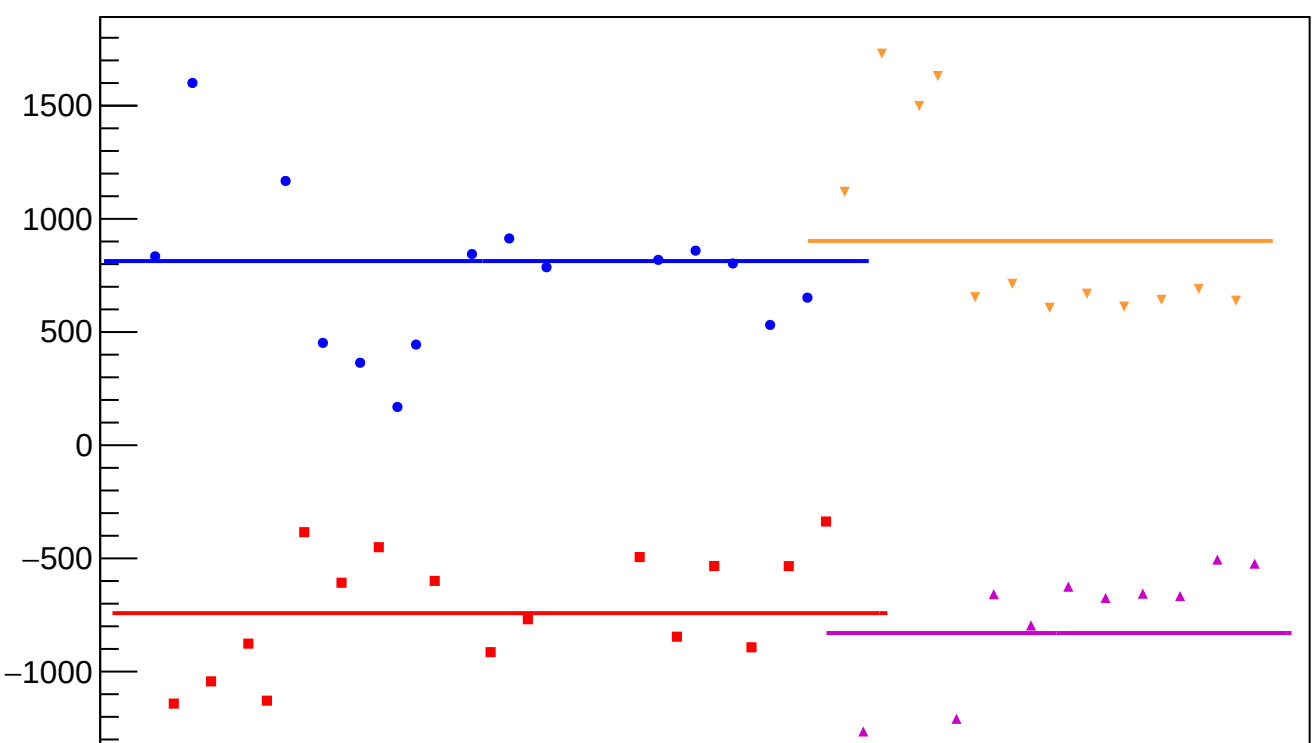
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15

Out: 7560.040+/-0.000 χ^2/NDF:260730216832063

Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10

All: -51.044+/-0.000 χ^2/NDF: 569825828480

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Left: 33.060+/-0.000 χ^2/NDF: 16296625805800511

Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14

Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984

Left Out: 902.421+/-0.000 χ^2/NDF:1527183260740364257606922814228151664 64.0/11

In: -151.745+/-0.000 χ^2/NDF:1192581949846065

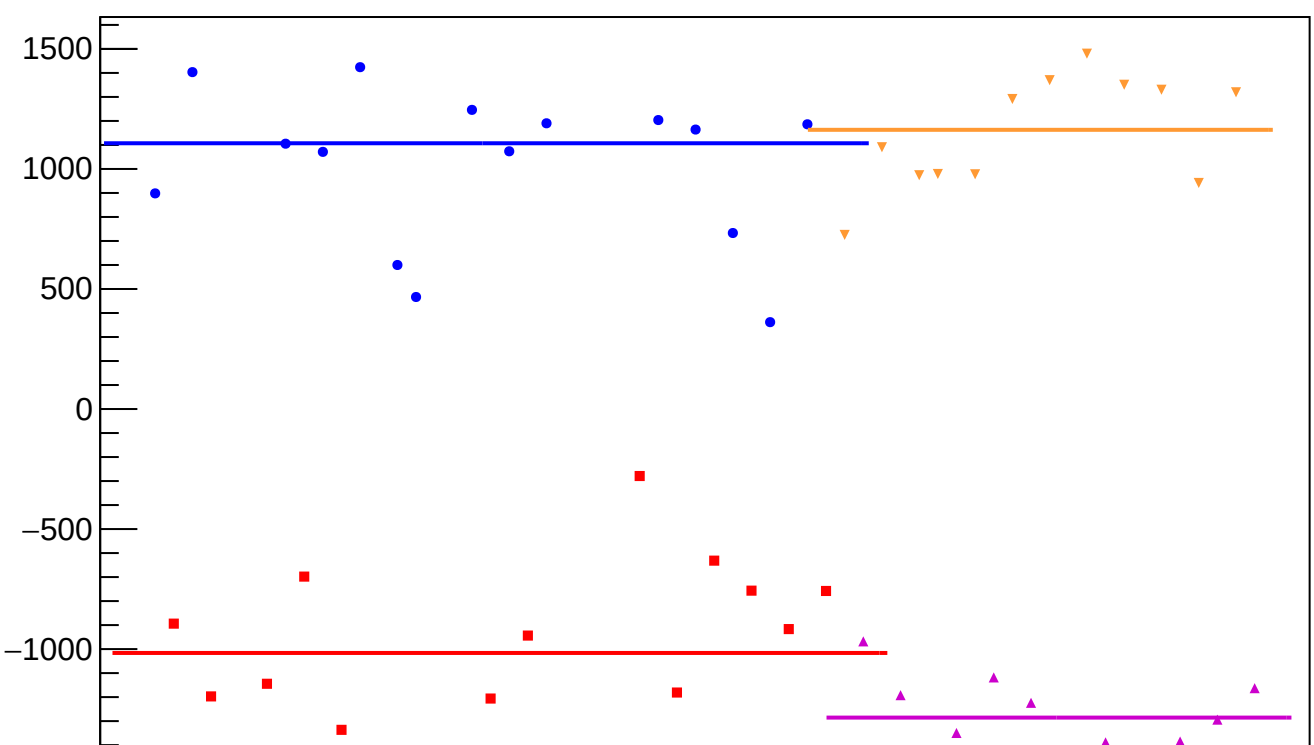
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15

Out: 210.016+/-0.000 χ^2/NDF:1240836958333557

Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10

All: 29.766+/-0.000 χ^2/NDF: 2536707777757

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

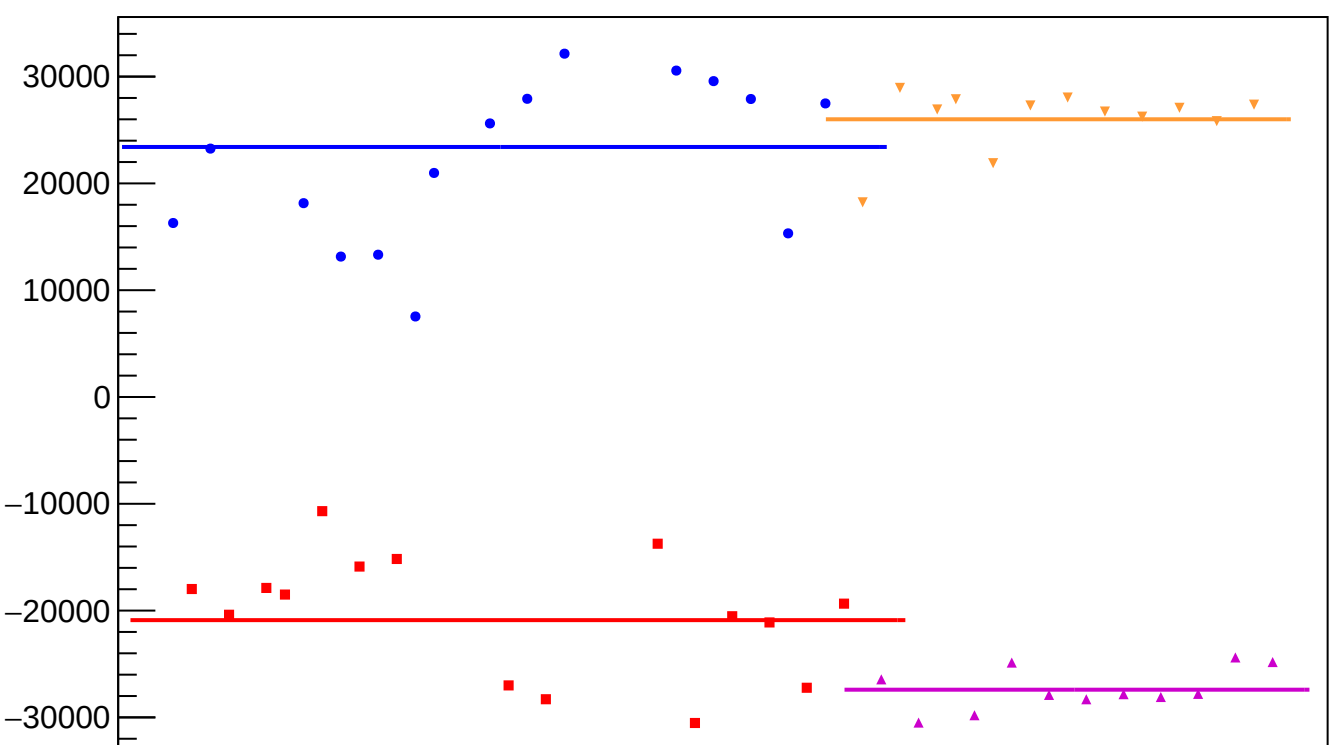
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam5_coil4_mean vs Slug, Sign Corrected



Left: -803.129+/-0.000 χ^2/NDF: 132413113265700

Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14

Right: 955.690+/-0.000 χ^2/NDF: 701538889846229

Left Out: 26004.082+/-0.000 χ^2/NDF:7839626408572155503333833682521065259008.0/11

In: -6440.074+/-0.000 χ^2/NDF:101629631311626

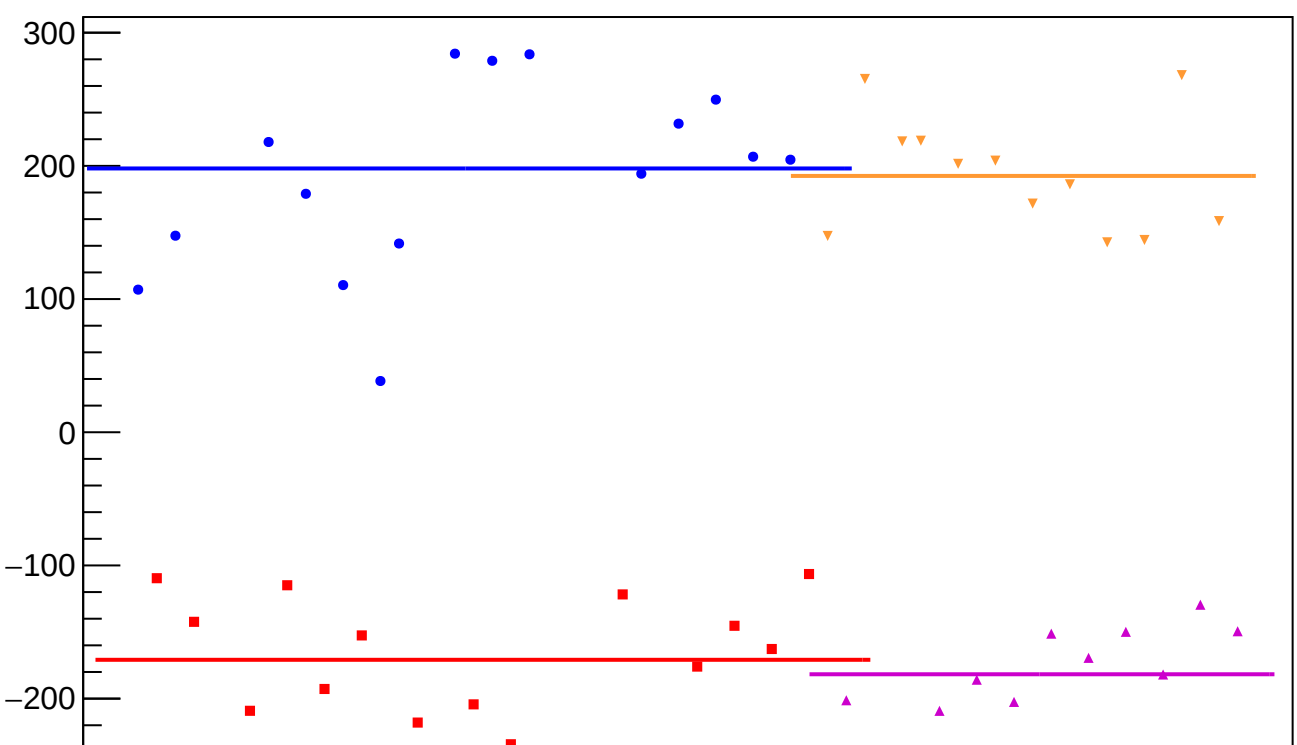
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15

Out: 6255.912+/-0.000 χ^2/NDF:884531572678742

Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10

All: -69.963+/-0.000 χ^2/NDF: 202804400443

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 4.659+/-0.000 χ^2/NDF: 67329537707792057

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 192.452+/-0.000 χ^2/NDF:1667687947841400069416399021327515648.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

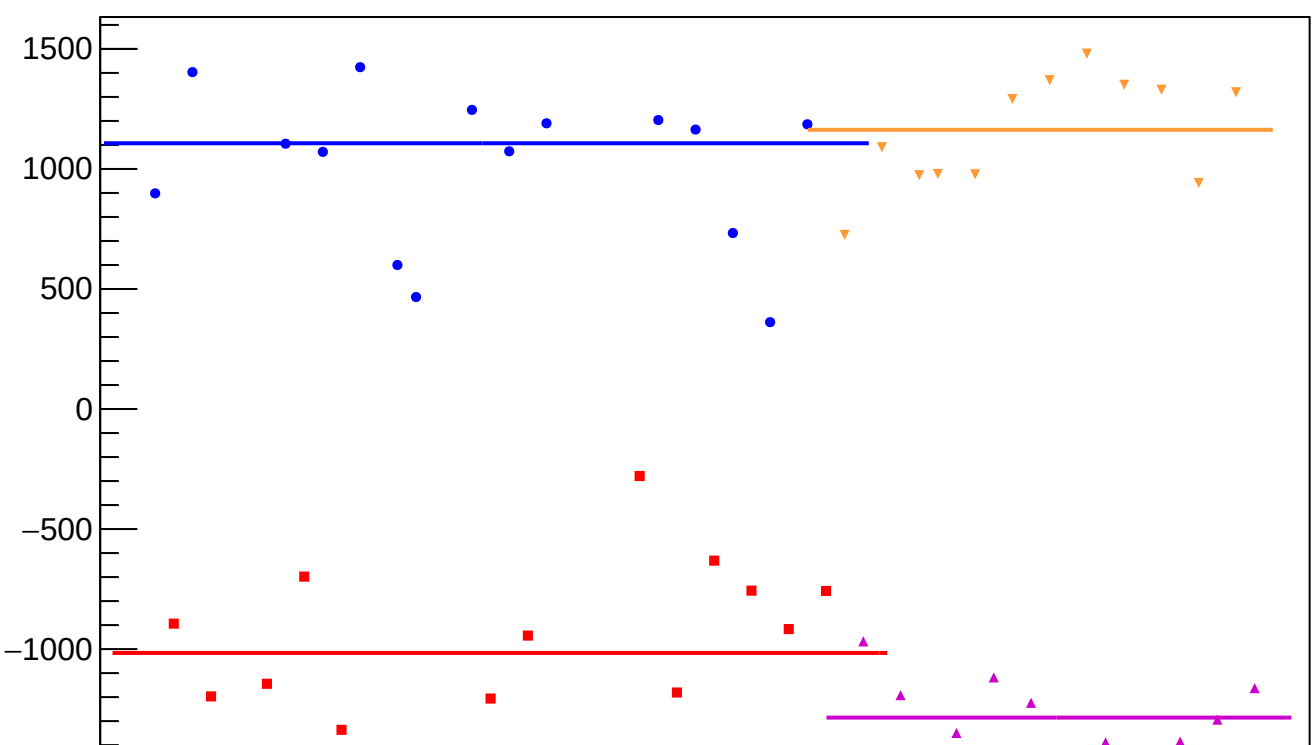
Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.470+/-0.000 χ^2/NDF:5405184251438931

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.335+/-0.000 χ^2/NDF: 116028455108

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

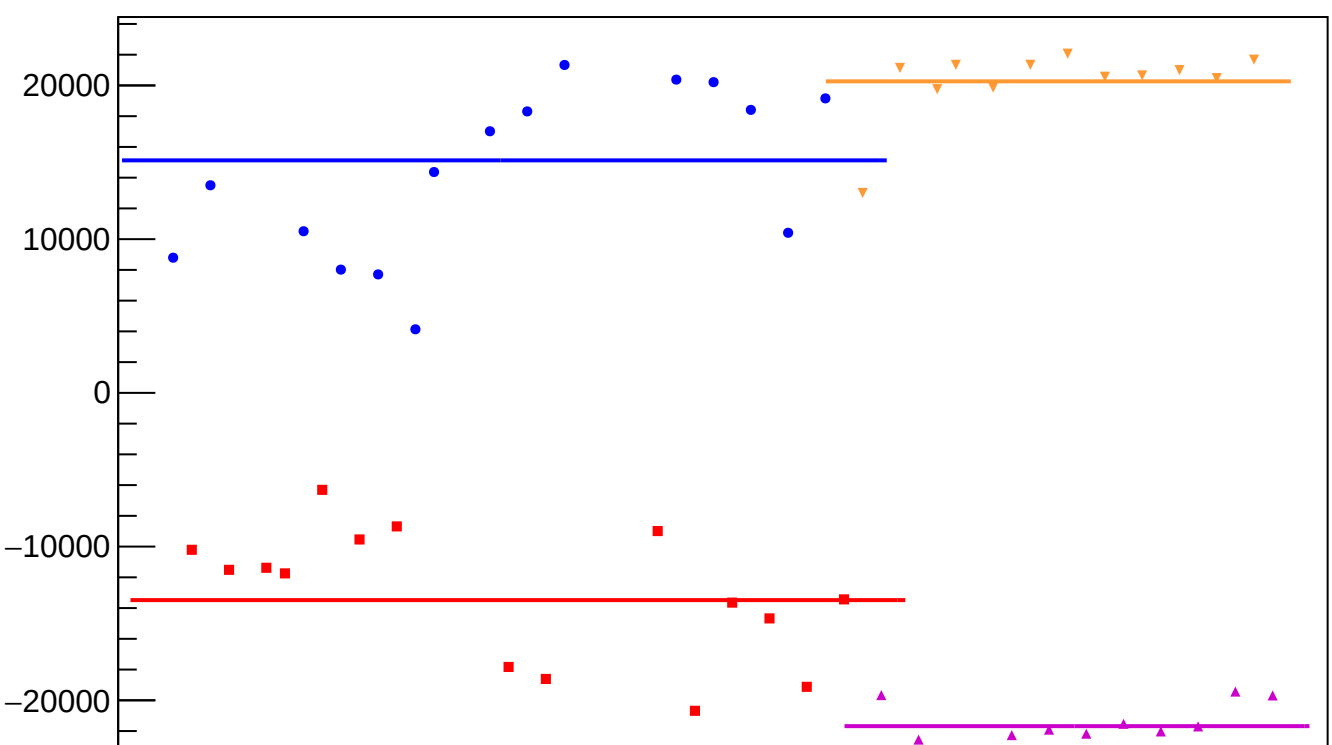
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam6_coil4_mean vs Slug, Sign Corrected



Left: -787.099+/-0.000 χ^2/NDF: 816824230901202

Right In: 15125.834+/-0.000 χ^2/NDF: 1661543876766406915174466838076324629708 8.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20266.540+/-0.000 χ^2/NDF:486366022475247073917224269545411182592 0.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

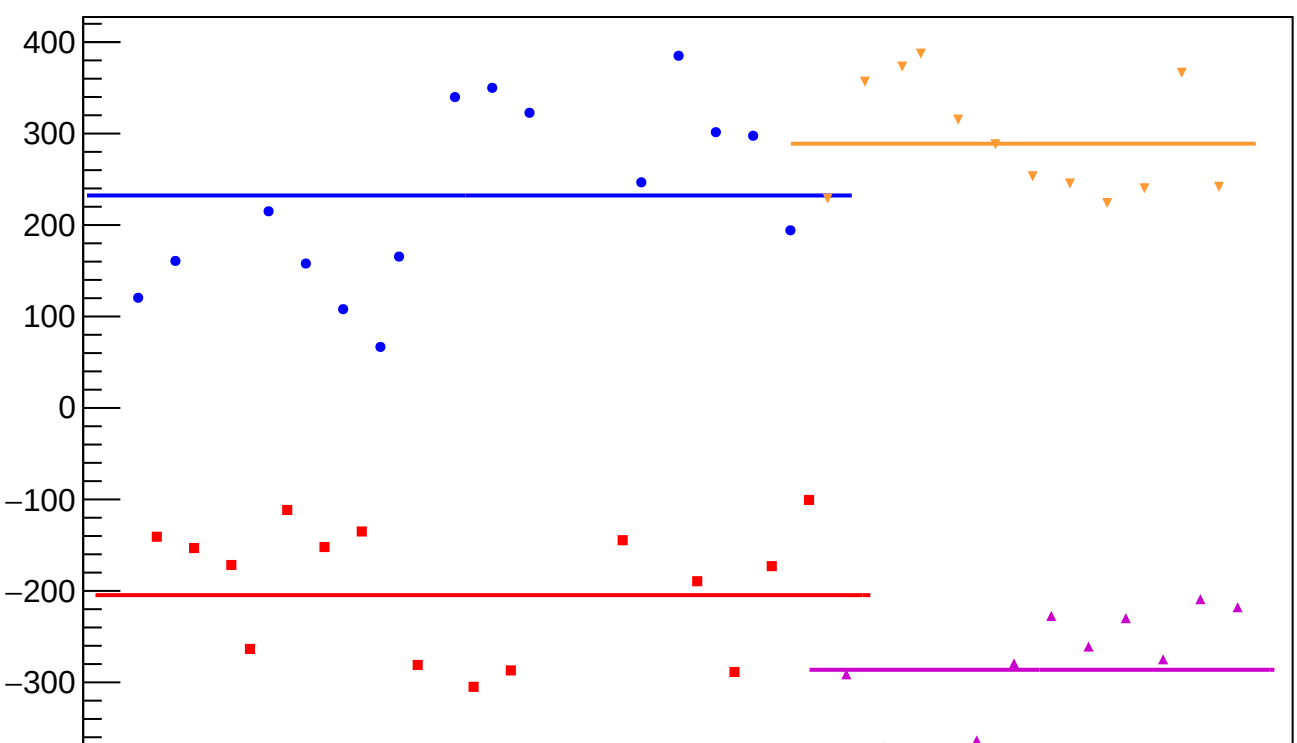
Right Out: -13482.244+/-0.000 χ^2/NDF: 1591042647540782525025224874981002208870 4.0/15

Out: 6055.404+/-0.000 χ^2/NDF:460575135177264

Left In: -21681.241+/-0.000 χ^2/NDF:2108874573649202621711530332866310307840.0/10

All: -197.985+/-0.000 χ^2/NDF: 1120093349 7

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 0.258+/-0.000 χ^2/NDF: 15948246710359558

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 288.949+/-0.000 χ^2/NDF:3144080021405635930356092886432350208.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

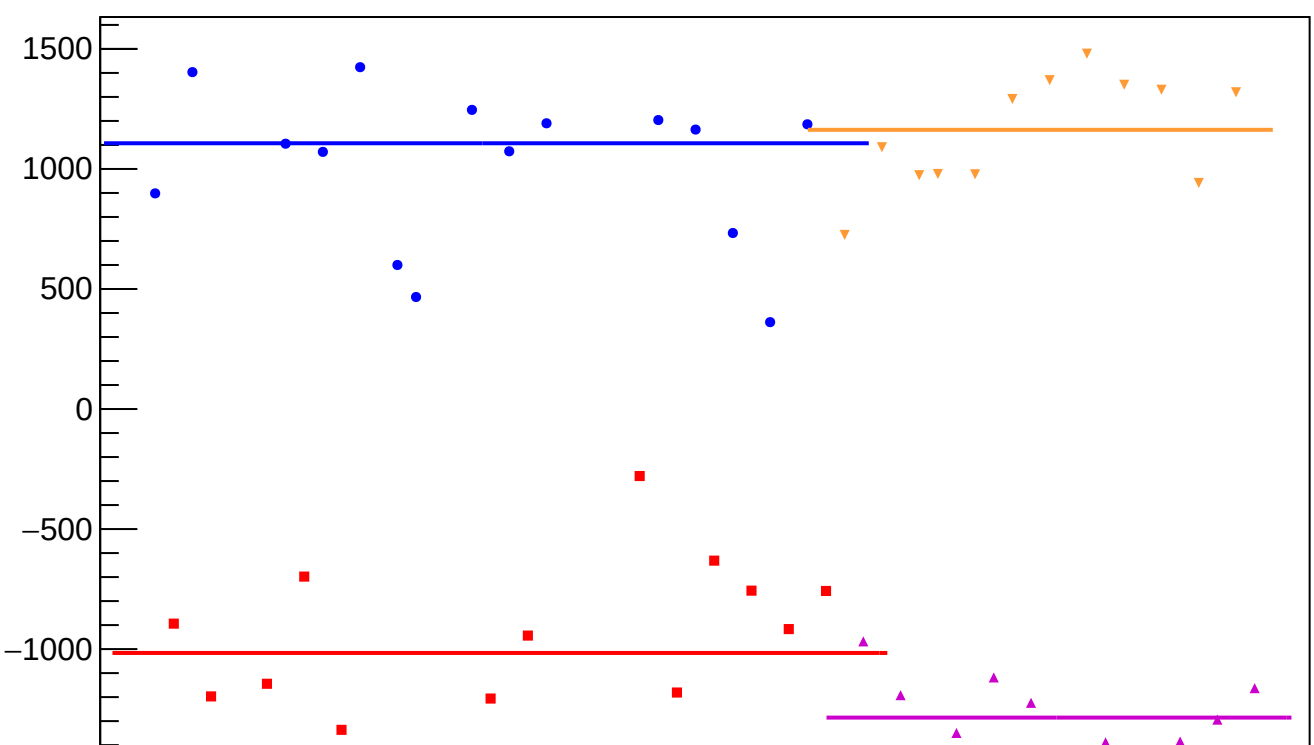
Right Out: -204.637+/-0.000 χ^2/NDF: 4555067046835230017930882867882098688.0/15

Out: 81.107+/-0.000 χ^2/NDF:1017722700549251

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.673+/-0.000 χ^2/NDF: 2324042651165

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:457447683970494454521241219816038072 32.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

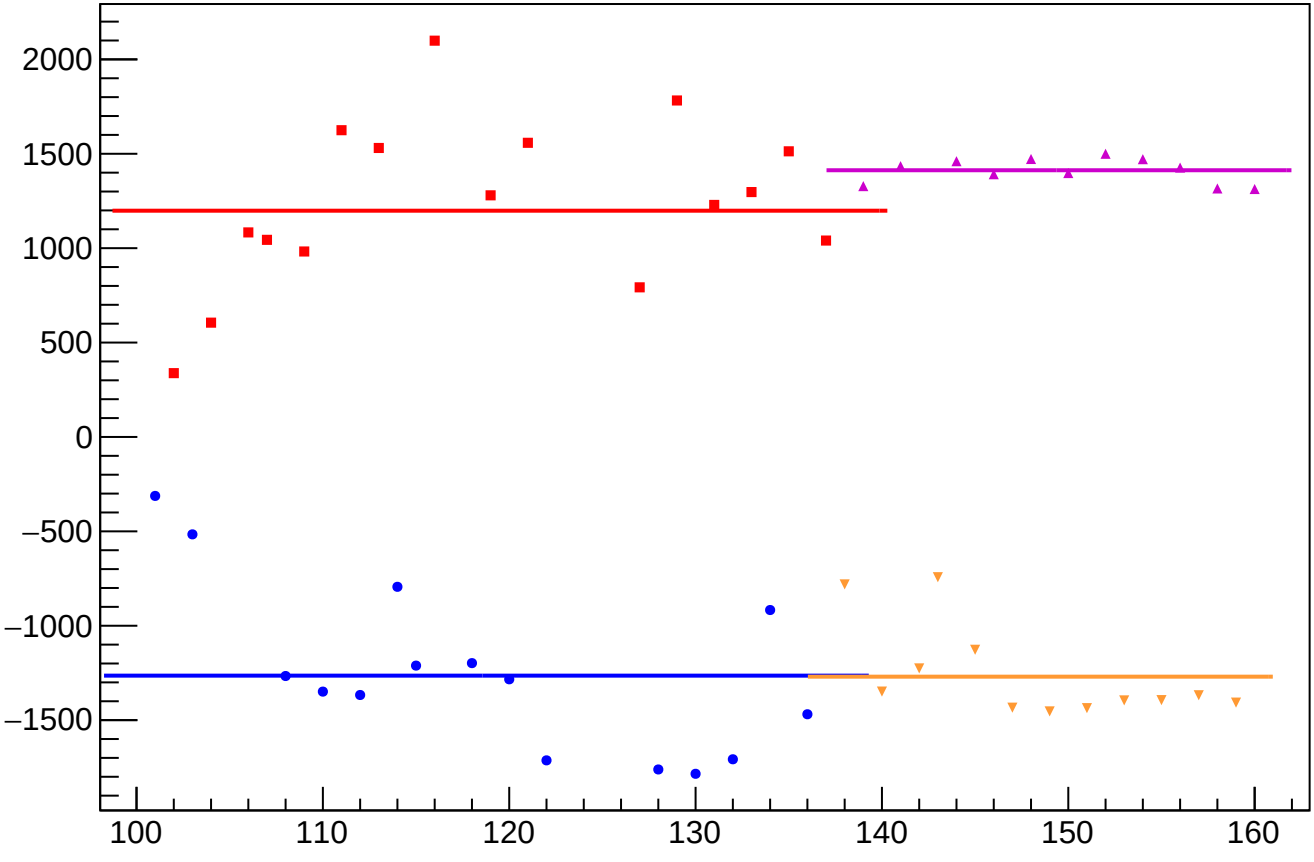
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam7_coil4_mean vs Slug, Sign Corrected



Left: 76.614+/-0.000 χ^2/NDF: 3366914174331423

Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14

Right: -16.067+/-0.000 χ^2/NDF: 226649511001664

Left Out: -1269.744+/-0.000 χ^2/NDF:5141110974922071048895626105563434188 8.0/11

In: 308.244+/-0.000 χ^2/NDF:2876034416148533

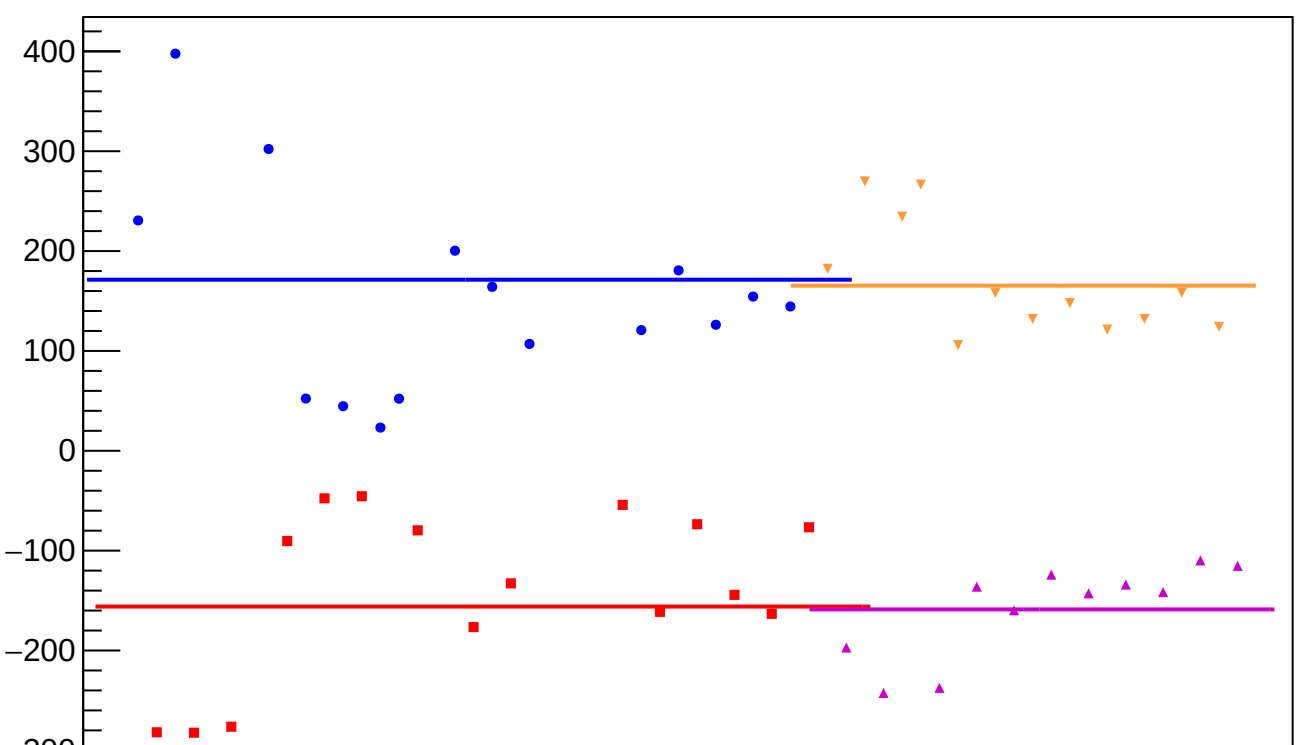
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15

Out: -230.408+/-0.000 χ^2/NDF:253497117304588

Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10

All: 37.980+/-0.000 χ^2/NDF: 5640001192745

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Left: 2.654+/-0.000 χ^2/NDF: 5285226415188617 60

Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14

Right: 5.426+/-0.000 χ^2/NDF: 4704270819776107 6

Left Out: 165.375+/-0.000 χ^2/NDF:2622335351174785803279271276281069568.0/11

In: -22.615+/-0.000 χ^2/NDF:4952961248607561 7

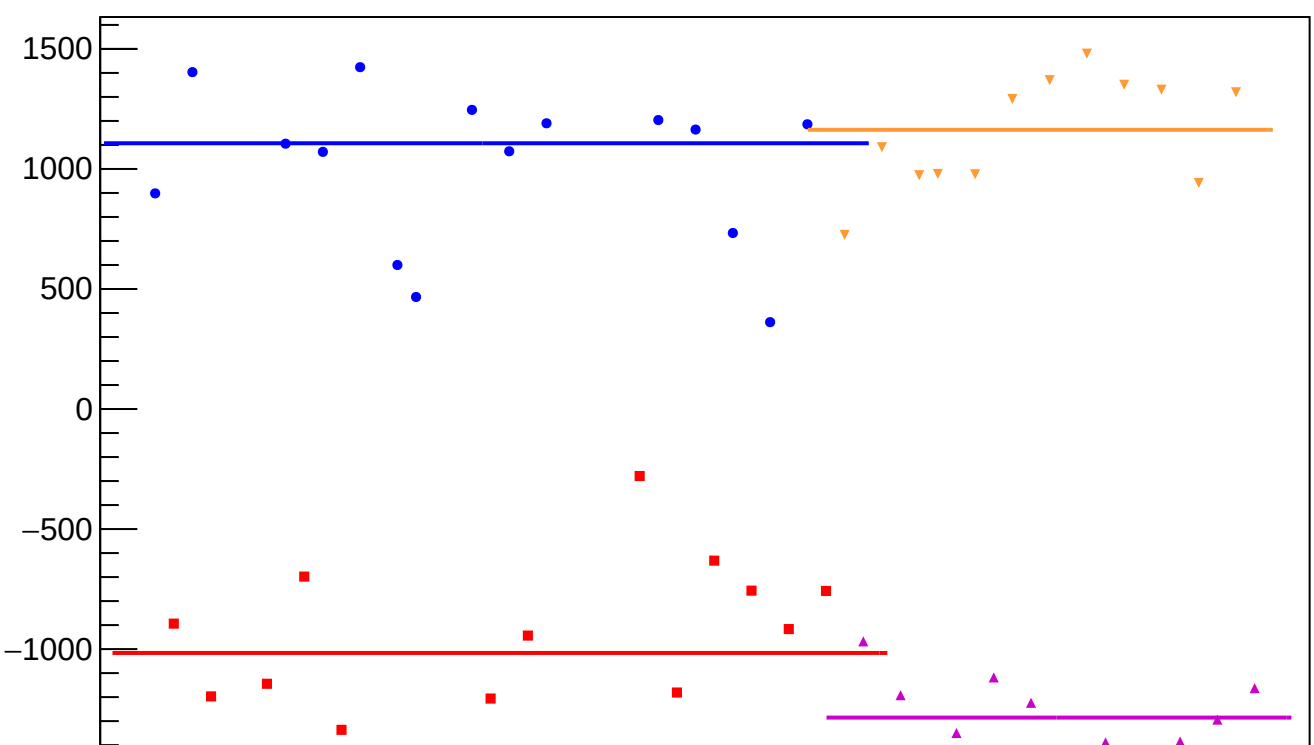
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15

Out: 30.051+/-0.000 χ^2/NDF:4818210248860220 9

Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10

All: 3.810+/-0.000 χ^2/NDF: 9990086887008 6

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

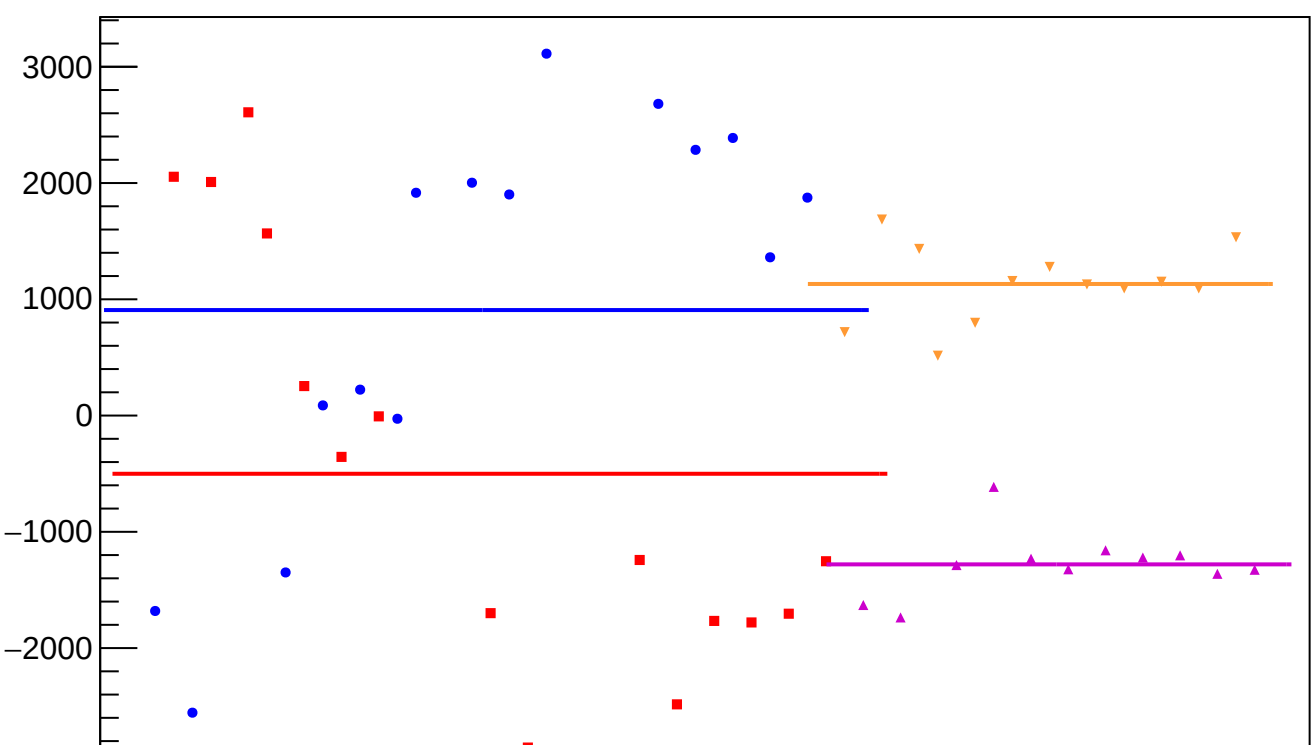
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_sam8_coil4_mean vs Slug, Sign Corrected



Left: -78.685+/-0.000 χ^2/NDF: 2837029478342244

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1131.794+/-0.000 χ^2/NDF:9232746431894252930207975420498385305 6.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

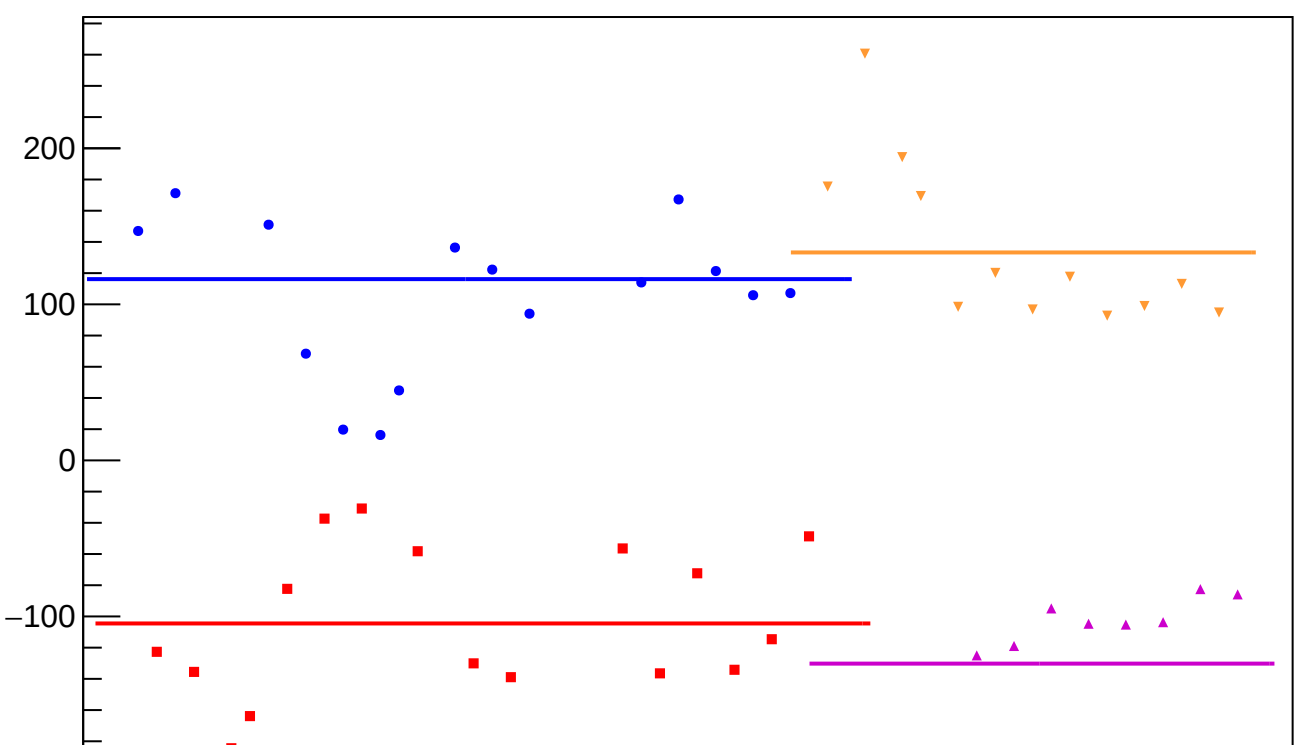
Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 444.379+/-0.000 χ^2/NDF:319561238591264 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

All: 34.878+/-0.000 χ^2/NDF: 7727687301176

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Left: 1.010+/-0.000 χ^2/NDF: 36278772588722516

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: 133.258+/-0.000 χ^2/NDF:2355510699309539172490444744349974528.0/11

In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1

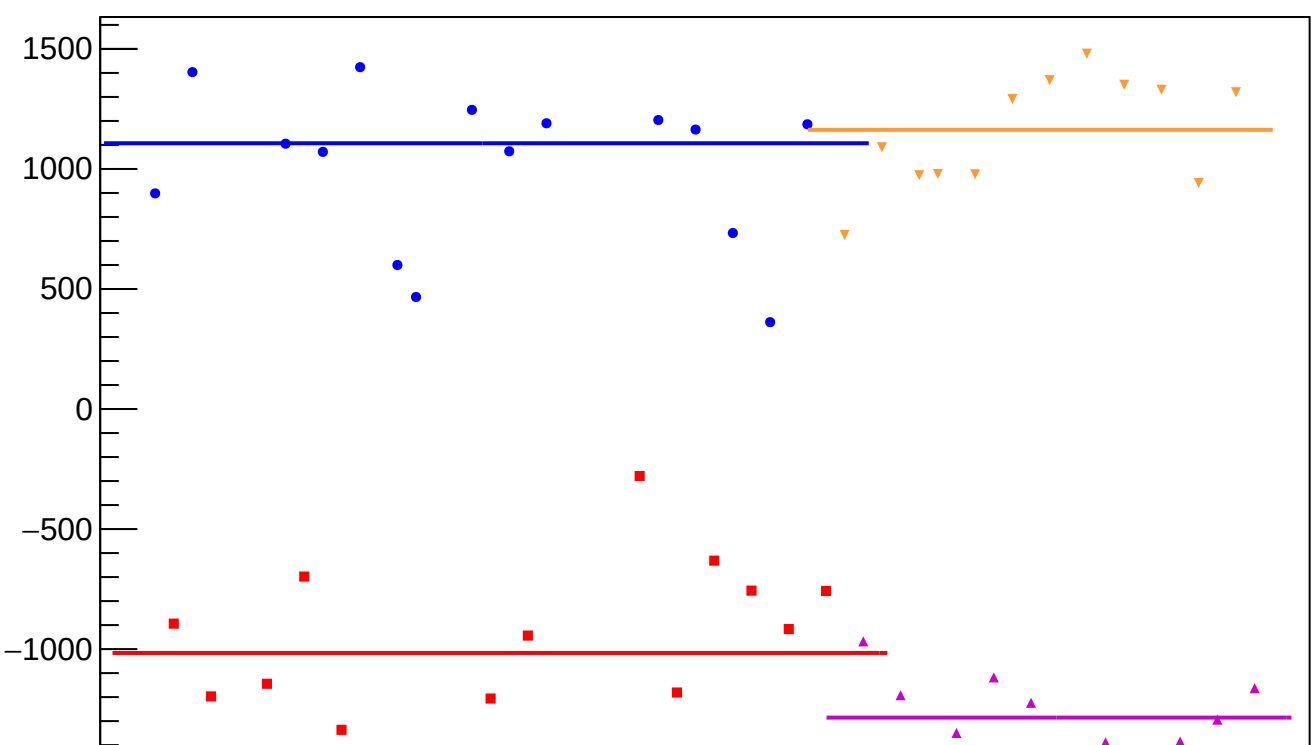
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15

Out: 33.141+/-0.000 χ^2/NDF:2546942447109710 9

Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10

All: 2.390+/-0.000 χ^2/NDF: 5478793932832 8

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: -65.811+/-0.000 χ^2/NDF: 2828784455009896

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1163.051+/-0.000 χ^2/NDF:4574476839704944545212412198160380723 2.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

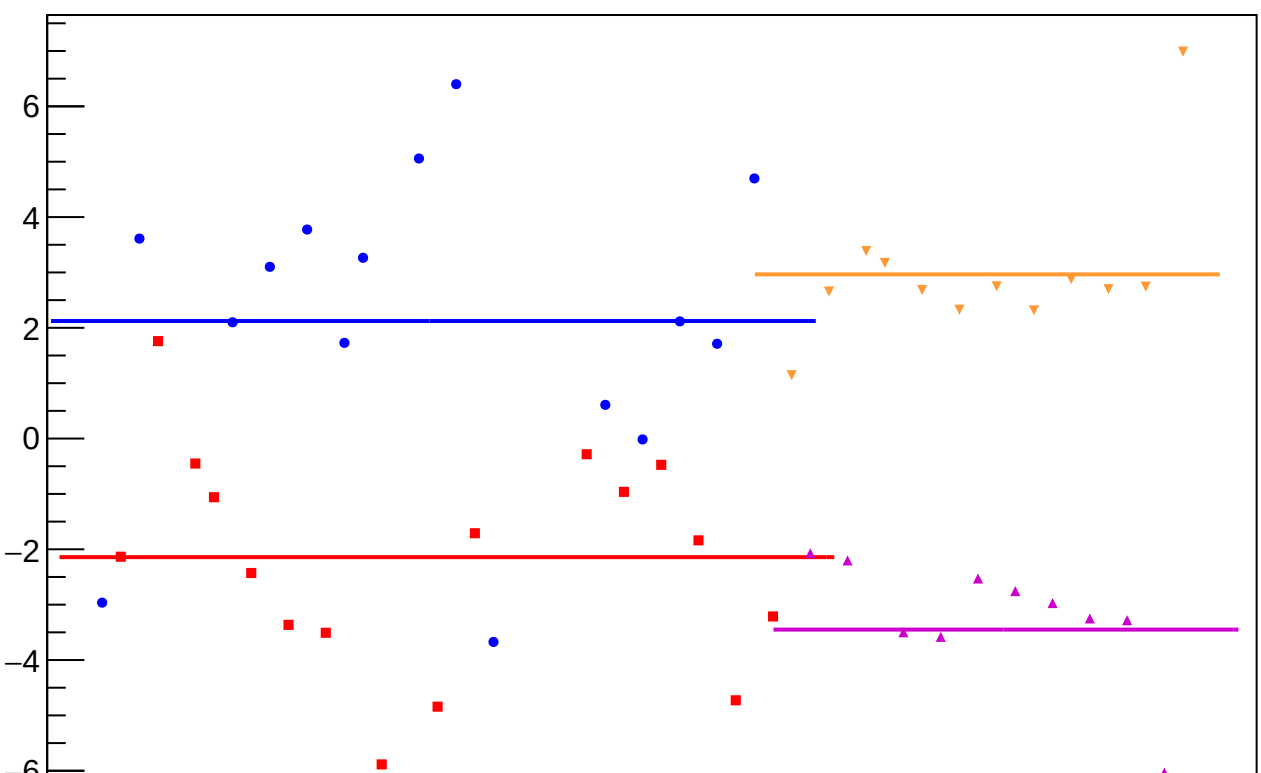
Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.439+/-0.000 χ^2/NDF:1951966106757194

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.475+/-0.000 χ^2/NDF: 443196140049

dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: -0.255+/-0.000 χ^2/NDF: 22154610760613794

Right In: 2.123+/-0.000 χ^2/NDF: 526370592282107597102201384940339 2.0/14

Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569

Left Out: 2.966+/-0.000 χ^2/NDF:1657147599544170270871306245242880 0/11

In: -1.151+/-0.000 χ^2/NDF:186566302459324539

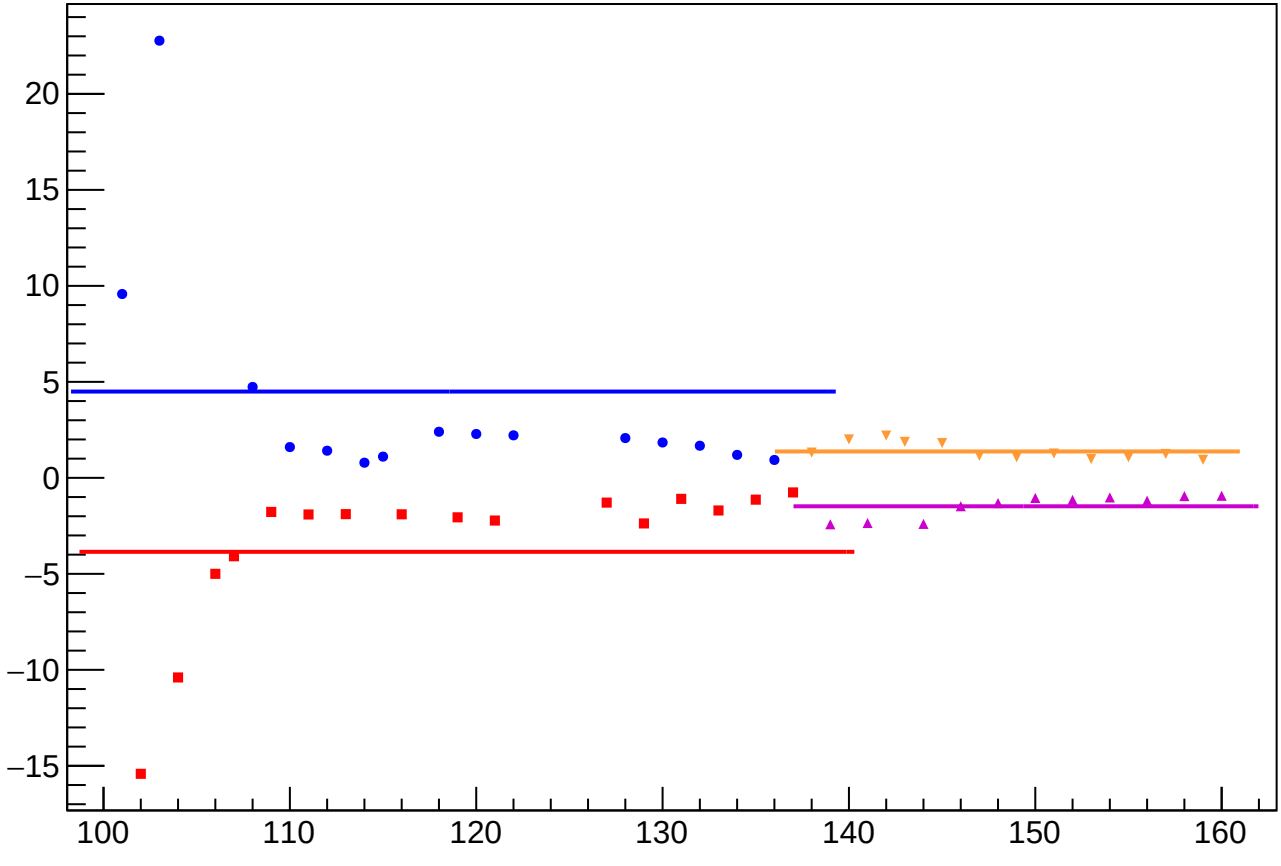
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15

Out: 0.815+/-0.000 χ^2/NDF:14202640971771183

Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10

All: -0.165+/-0.000 χ^2/NDF: 3590940357981

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.375+/-0.000 χ^2/NDF:1458241370571230983290321486479 36.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860 1728.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4211101506368407 8

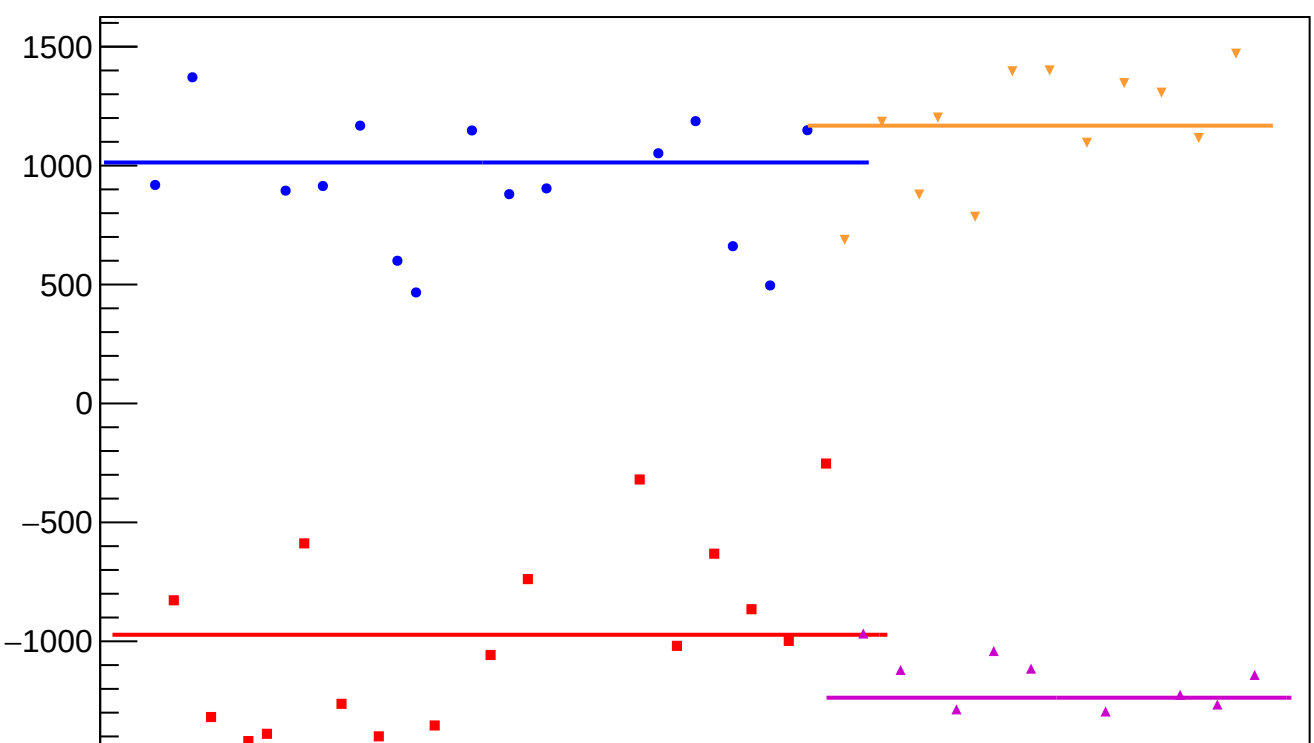
Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.826+/-0.000 χ^2/NDF:2301068366113977 9

All: 0.076+/-0.000 χ^2/NDF: 6479710466676 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

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: -39.161+/-0.000 χ^2/NDF: 2747267695574641

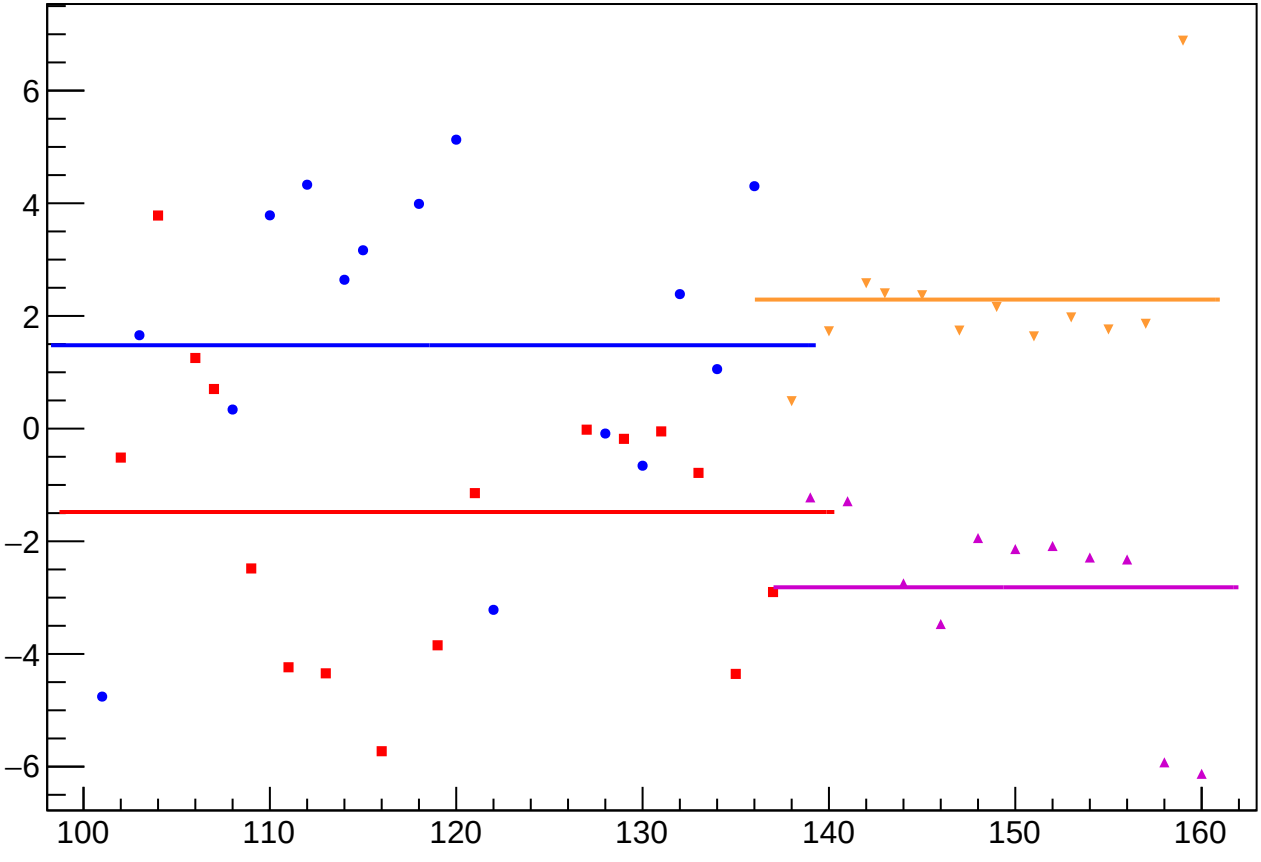
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: -0.273+/-0.000 χ^2/NDF: 16311566475145248

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.290+/-0.000 χ^2/NDF:207820393462333940746674150519603 2.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

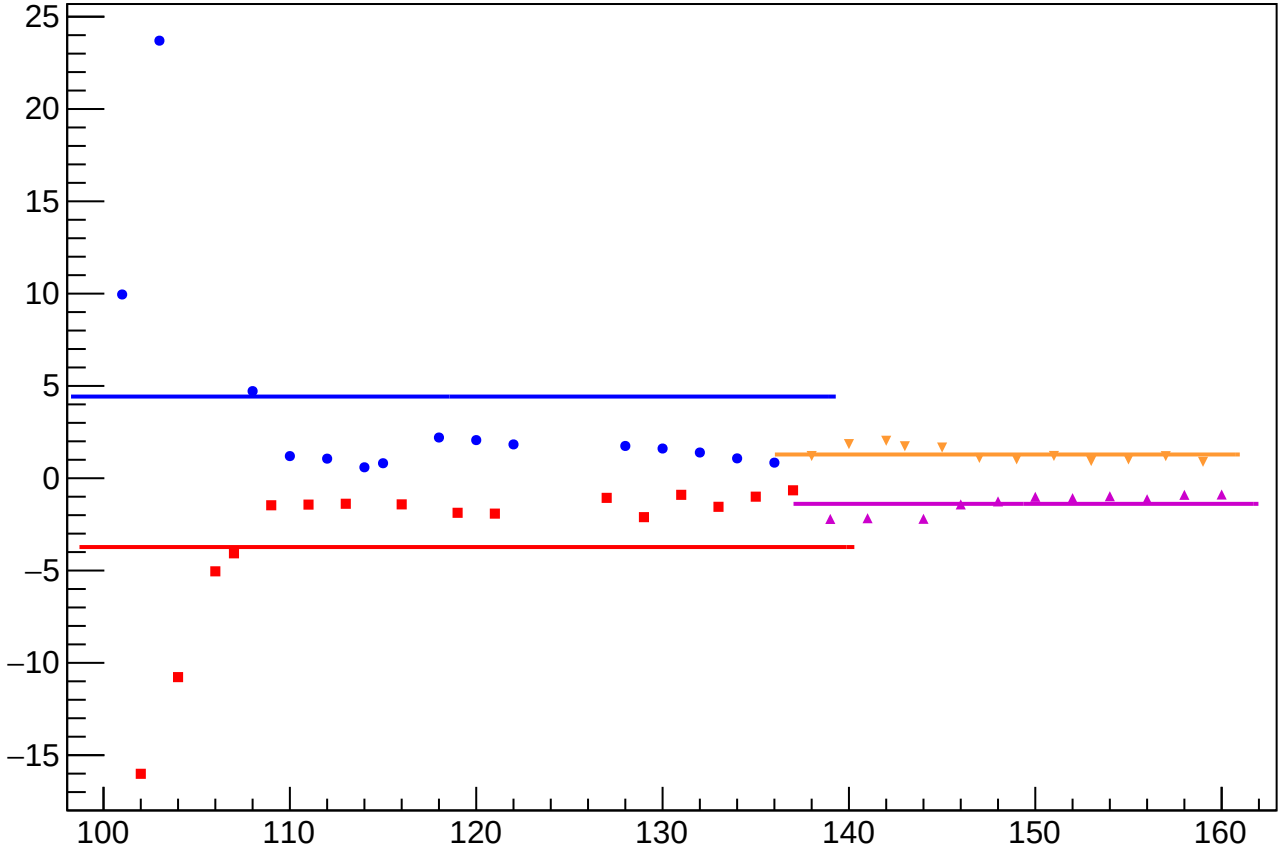
Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.703+/-0.000 χ^2/NDF:116608474074647254

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.167+/-0.000 χ^2/NDF: 2913510232132

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Left: -0.055+/-0.000 χ^2/NDF: 36513090822130209

Right In: 4.424+/-0.000 χ^2/NDF: 28257459272876210608839830473277440.0/14

Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

Left Out: 1.287+/-0.000 χ^2/NDF:115572710425974542014826355359744.0/11

In: 1.011+/-0.000 χ^2/NDF:413792347389337208

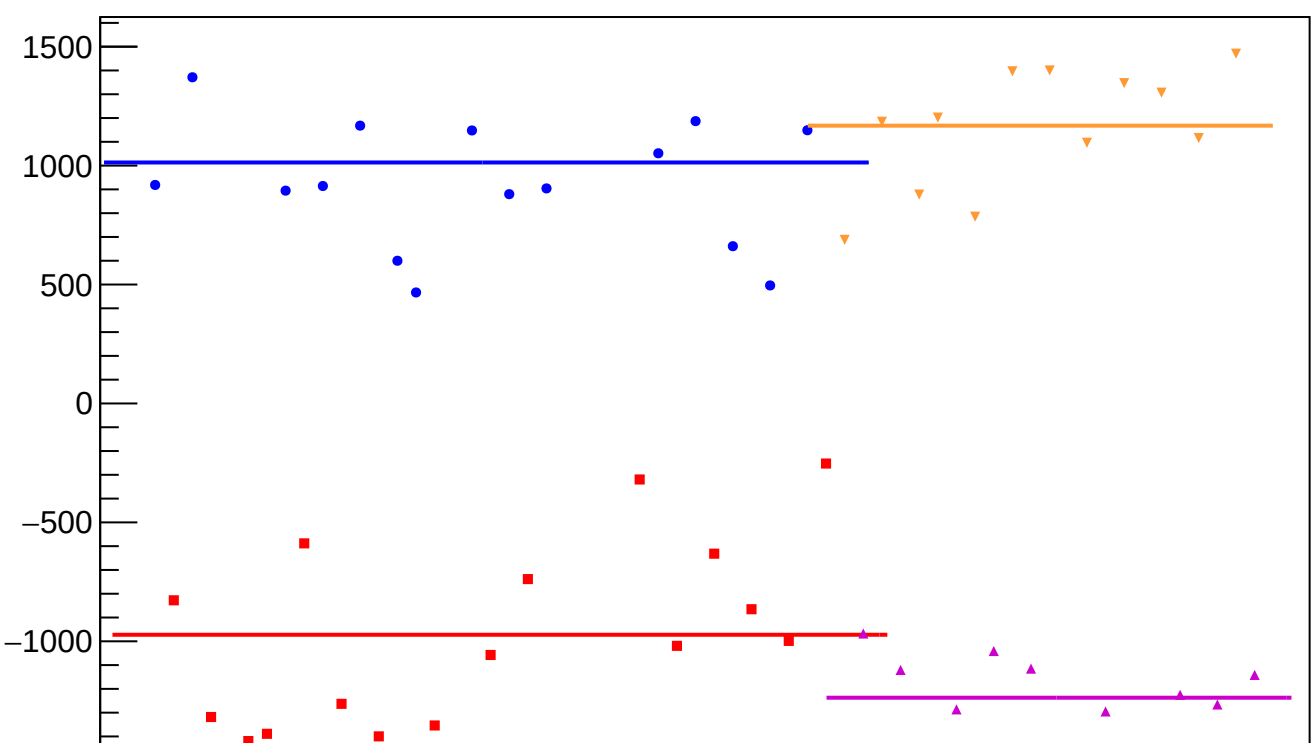
Right Out: -3.727+/-0.000 χ^2/NDF: 13991816814749842519794284853460992.0/15

Out: -0.825+/-0.000 χ^2/NDF:23813511461717298

Left In: -1.387+/-0.000 χ^2/NDF:24538120591373436894782956136038 4.0/10

All: 0.090+/-0.000 χ^2/NDF: 6785091509163

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

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: -39.161+/-0.000 χ^2/NDF: 2747267695574641

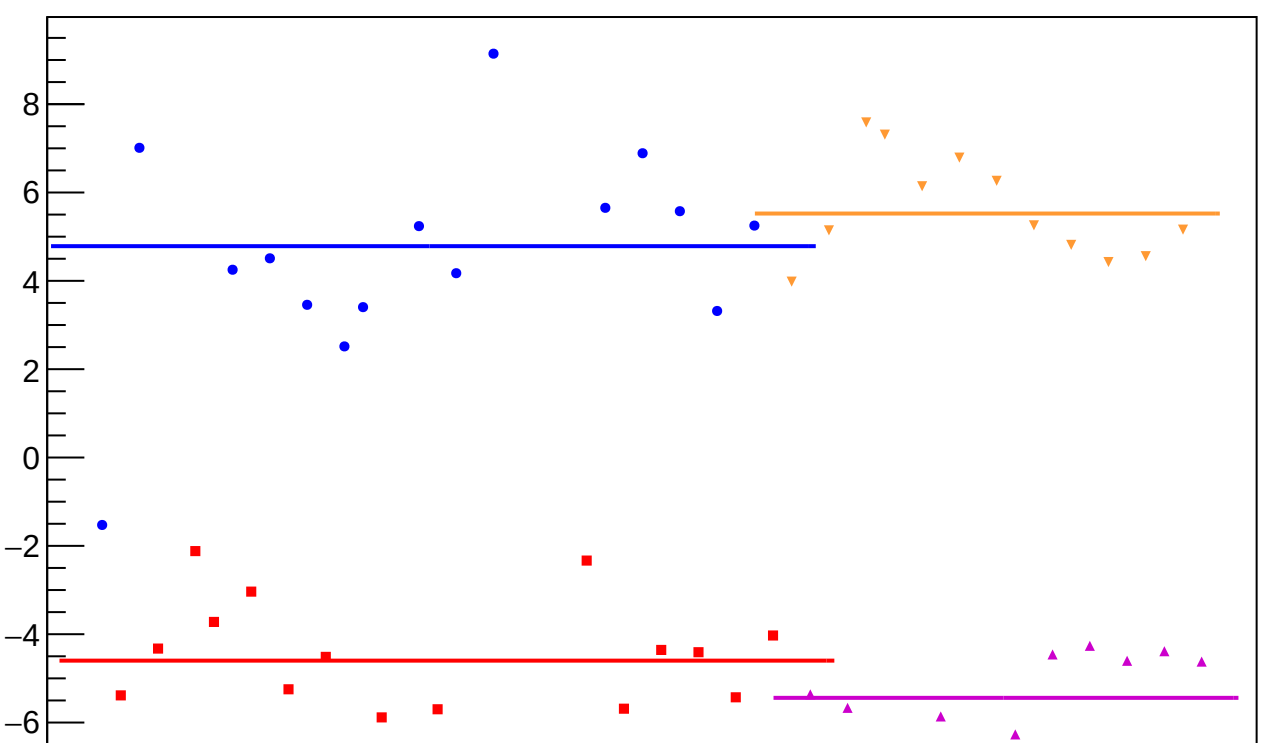
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4.0/14

Left Out: 5.524+/-0.000 χ^2/NDF:1037921325796141419900309275148288.0/11

Right Out: -4.598+/-0.000 χ^2/NDF: 989607156792948633247632779640832.0/15

Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10

Left: 0.021+/-0.000 χ^2/NDF: 573394436262416709

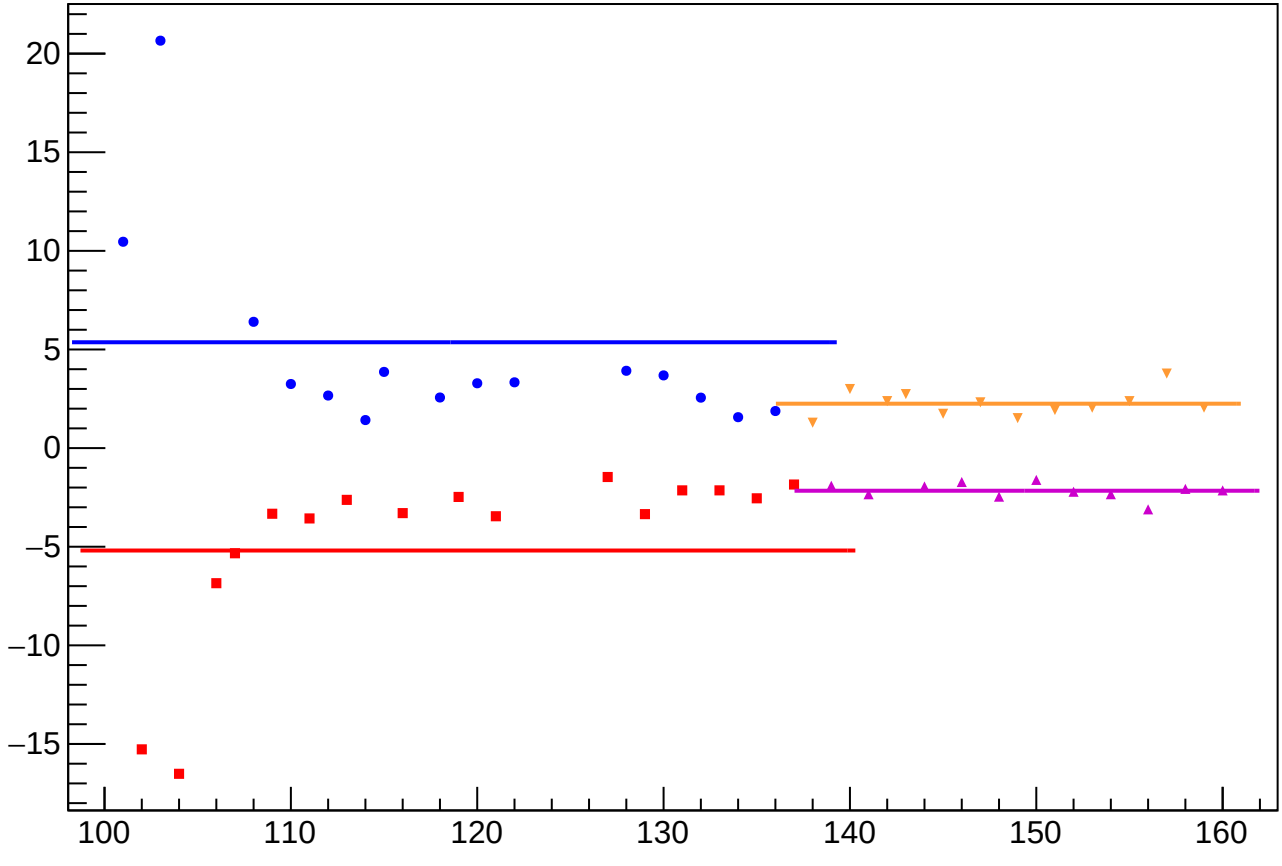
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2

In: -1.222+/-0.000 χ^2/NDF:448312824685683470

Out: 1.262+/-0.000 χ^2/NDF:415897232450065641

All: 0.024+/-0.000 χ^2/NDF: 9128806721402 5

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.037+/-0.000 χ^2/NDF: 950272728829768938

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: 2.251+/-0.000 χ^2/NDF:4012149072617451650055666645370880.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

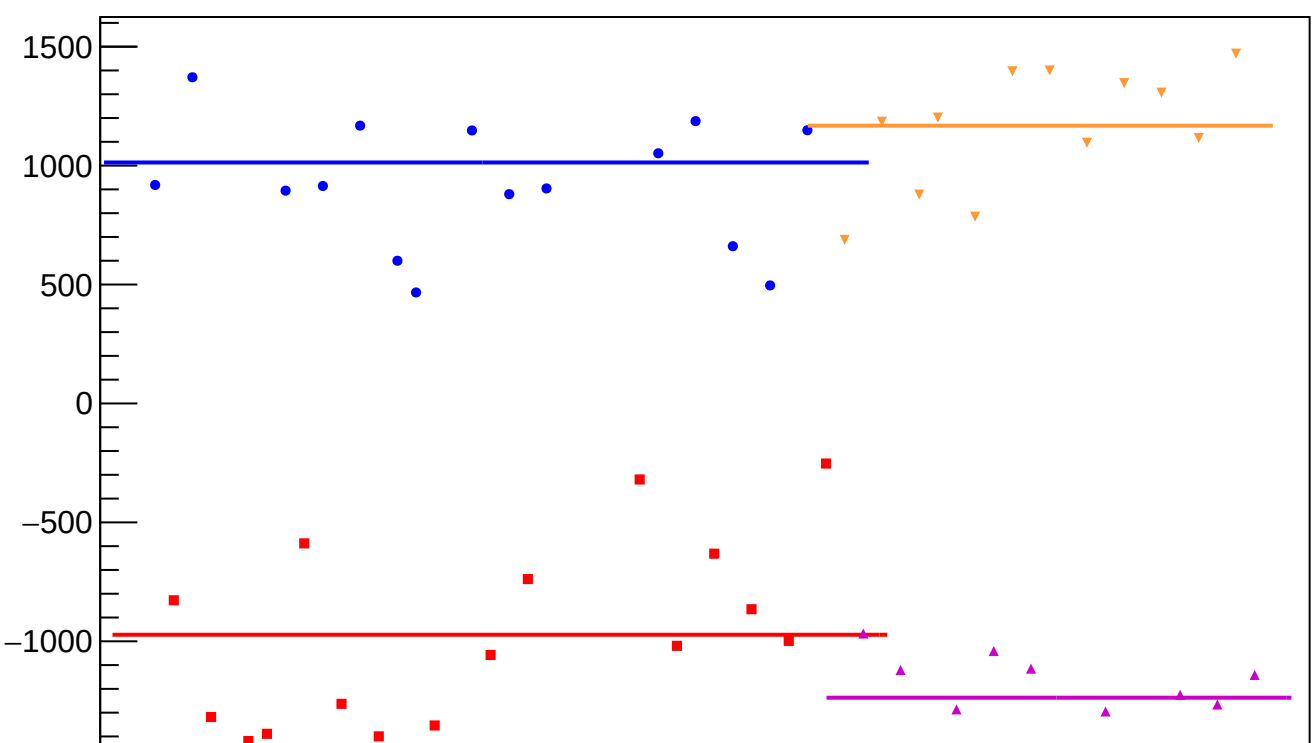
Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289139 2.0/15

Out: -0.883+/-0.000 χ^2/NDF:3754577689592237 6

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8070250649078 2

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

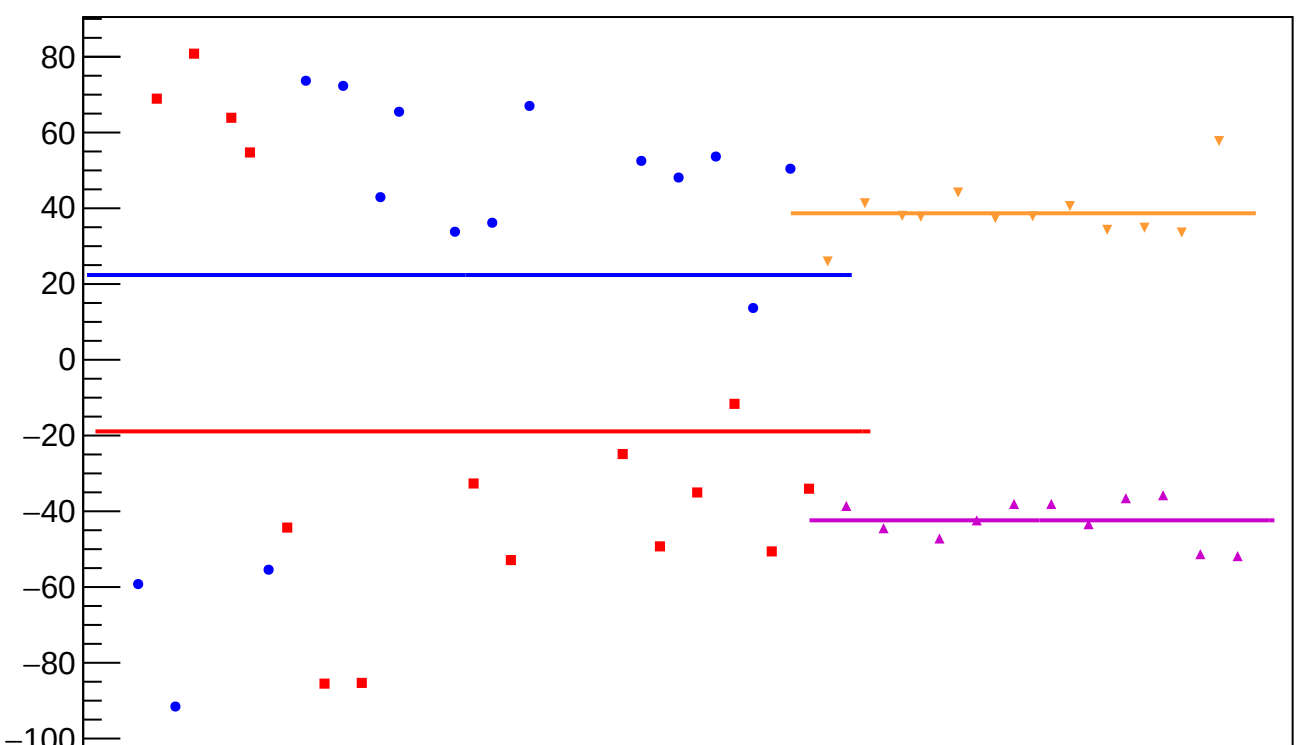
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

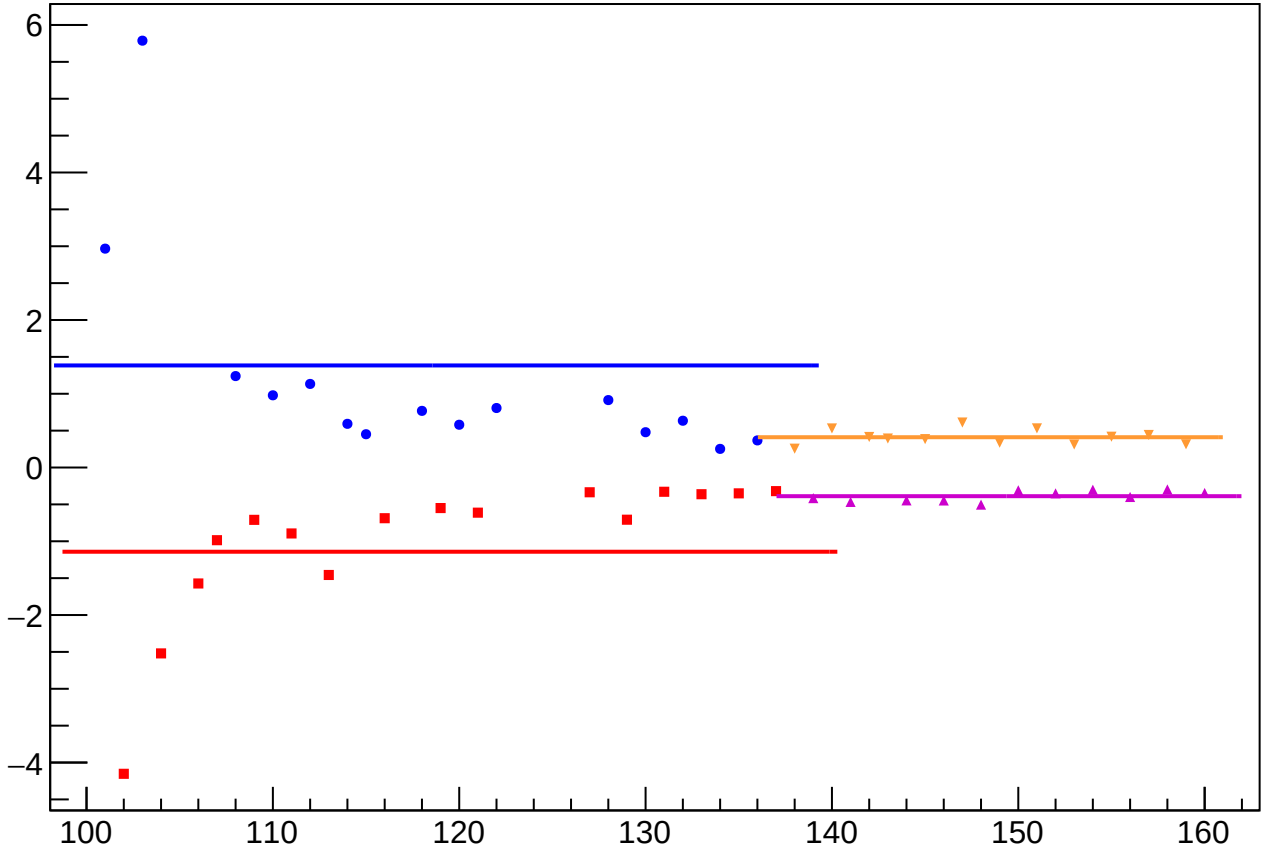
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_4aY_coil6_mean vs Slug, Sign Corrected



Left: -2.008+/-0.000 χ^2/NDF: 3101151247889971
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300902 4.0/14
Right: 1.456+/-0.000 χ^2/NDF: 4665324367634426 7
Left Out: 38.679+/-0.000 χ^2/NDF:500758788978112734847872895371182 08.0/11
In: -15.663+/-0.000 χ^2/NDF:3548177863491728 1
Right Out: -18.907+/-0.000 χ^2/NDF: 2182221808408156293593993992757837824.0/15
Out: 14.430+/-0.000 χ^2/NDF:3512784918631230 1
Left In: -42.386+/-0.000 χ^2/NDF:2655566012856298655301692748621414 4.0/10
All: -0.564+/-0.000 χ^2/NDF: 7775684601059

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.010+/-0.000 χ^2/NDF: 30803391704531588

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: 0.411+/-0.000 χ^2/NDF:9428610492078012186649224544256.0/11

In: 0.343+/-0.000 χ^2/NDF:2773530065340727089

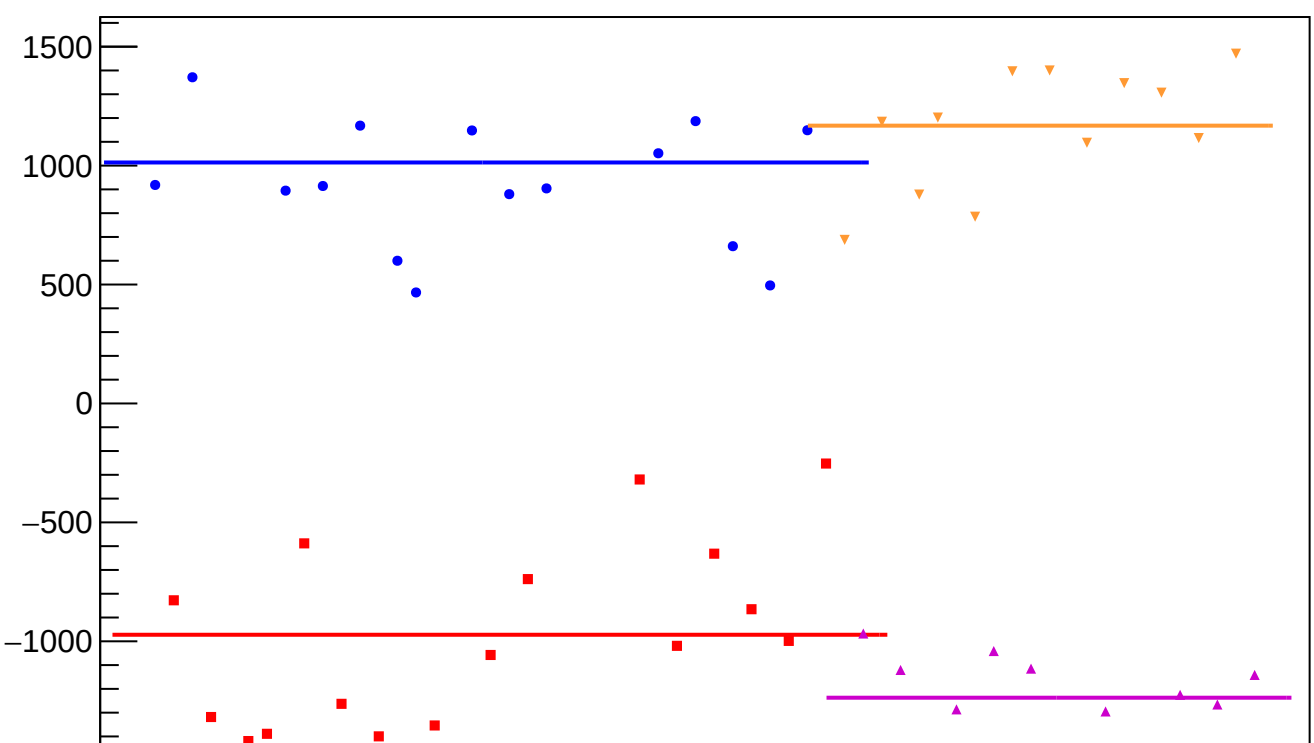
Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:1750878905218747 0

Left In: -0.389+/-0.000 χ^2/NDF:4468112130112640641394154668032.0/10

All: 0.049+/-0.000 χ^2/NDF: 4795150144760 7

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

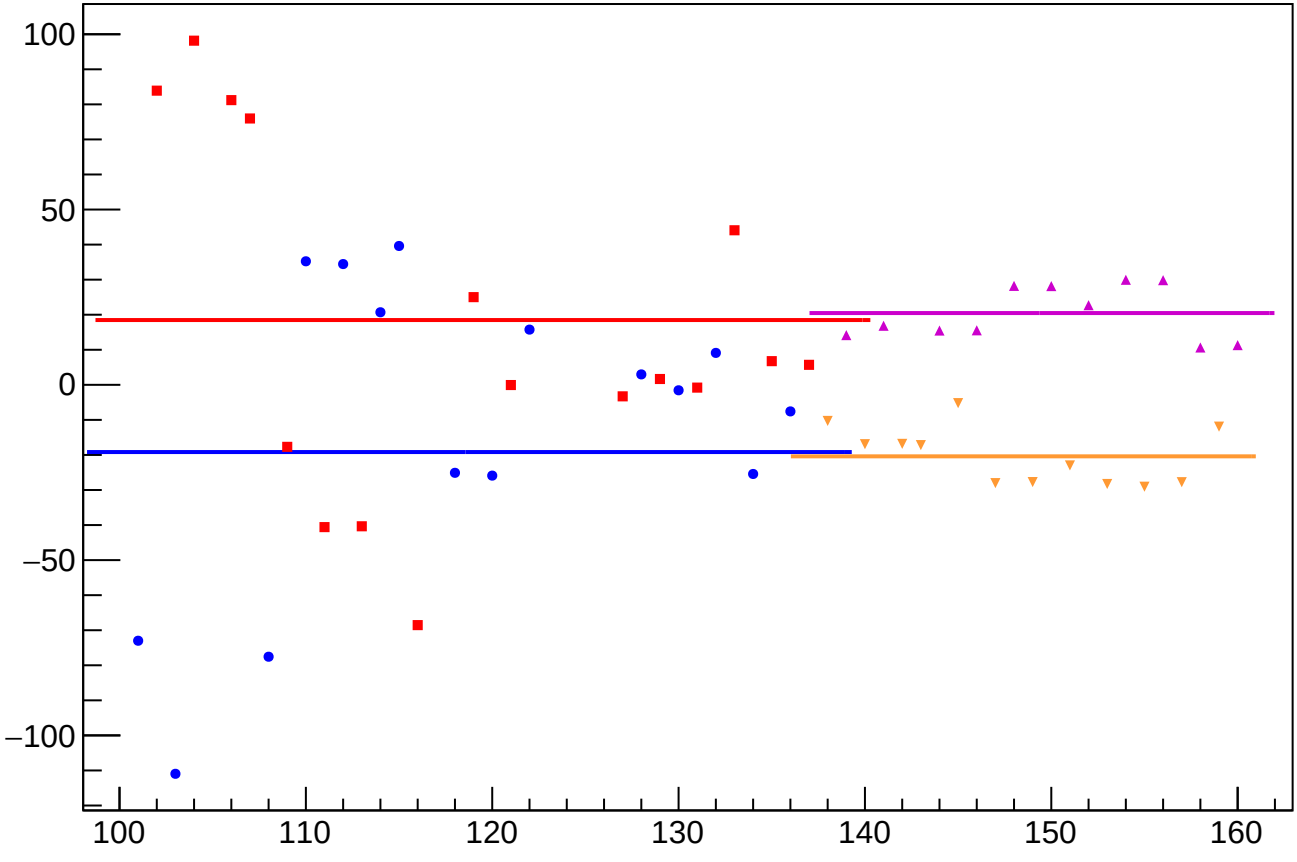
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_4eY_coil6_mean vs Slug, Sign Corrected



Left: 0.115+/-0.000 χ^2/NDF: 87711770003502478

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.399+/-0.000 χ^2/NDF:5979587484613201607462578639654092 8.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

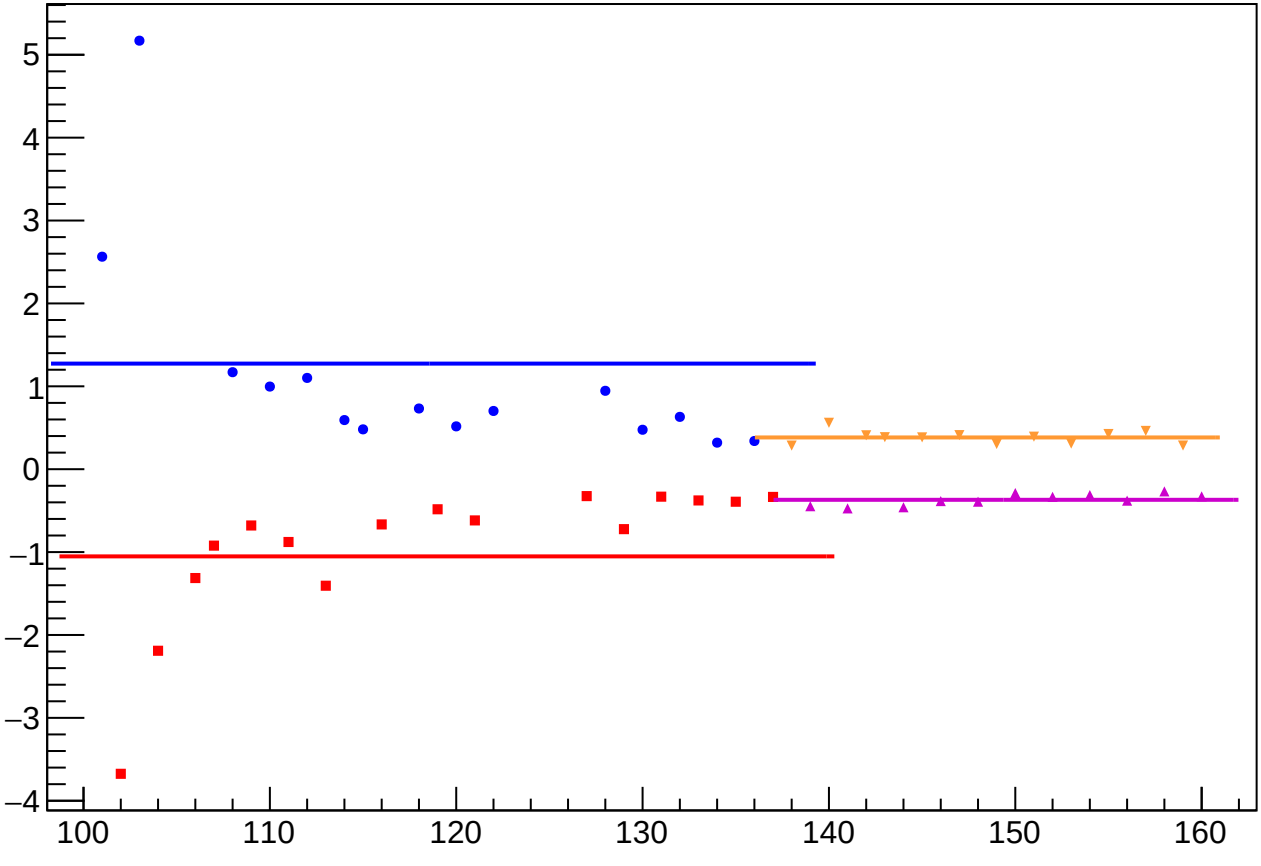
Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.028+/-0.000 χ^2/NDF:21328298353726143

Left In: 20.473+/-0.000 χ^2/NDF:484849533633498201103484789373009 92.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079295578593

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Left: 0.005+/-0.000 χ^2/NDF: 27052146474179585

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468

Left Out: 0.383+/-0.000 χ^2/NDF:58049055504205289104265277603 84.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780

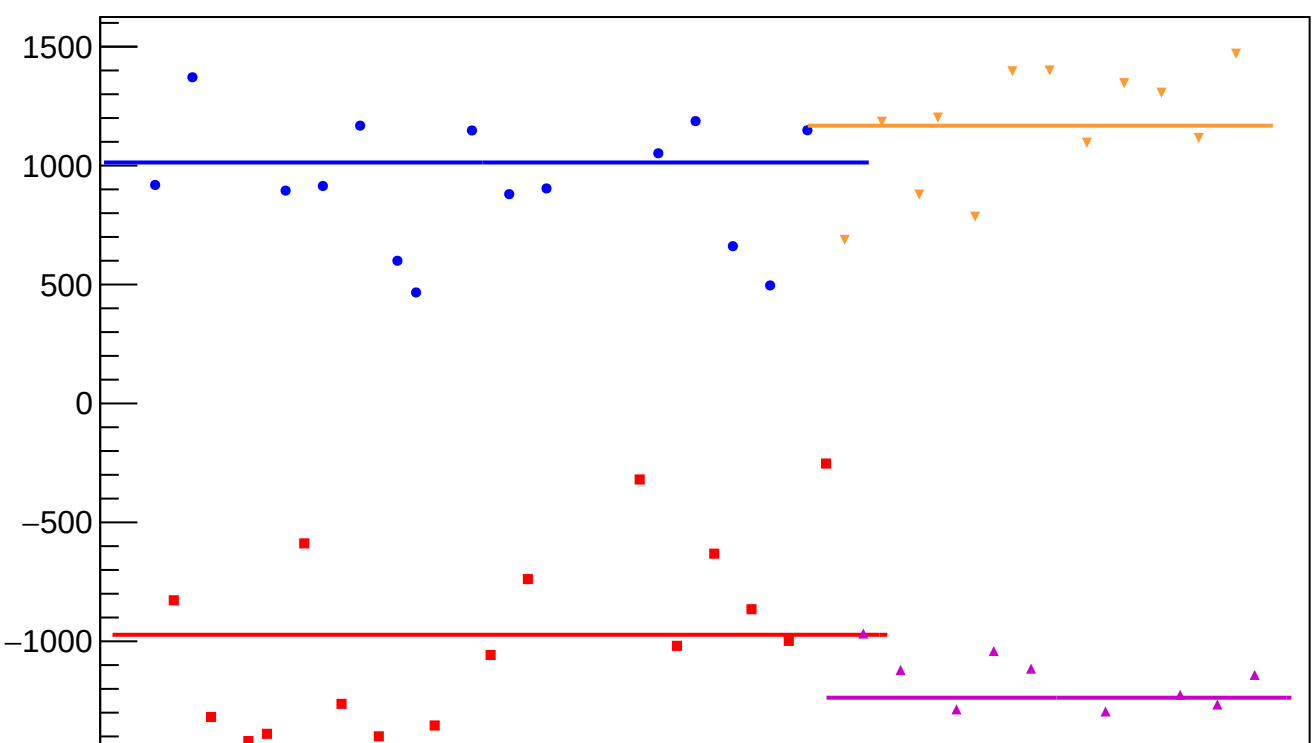
Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.221+/-0.000 χ^2/NDF:14081915180043032

Left In: -0.369+/-0.000 χ^2/NDF:41663506388481386767078161 12128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875429201938

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

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: -39.161+/-0.000 χ^2/NDF: 2747267695574641

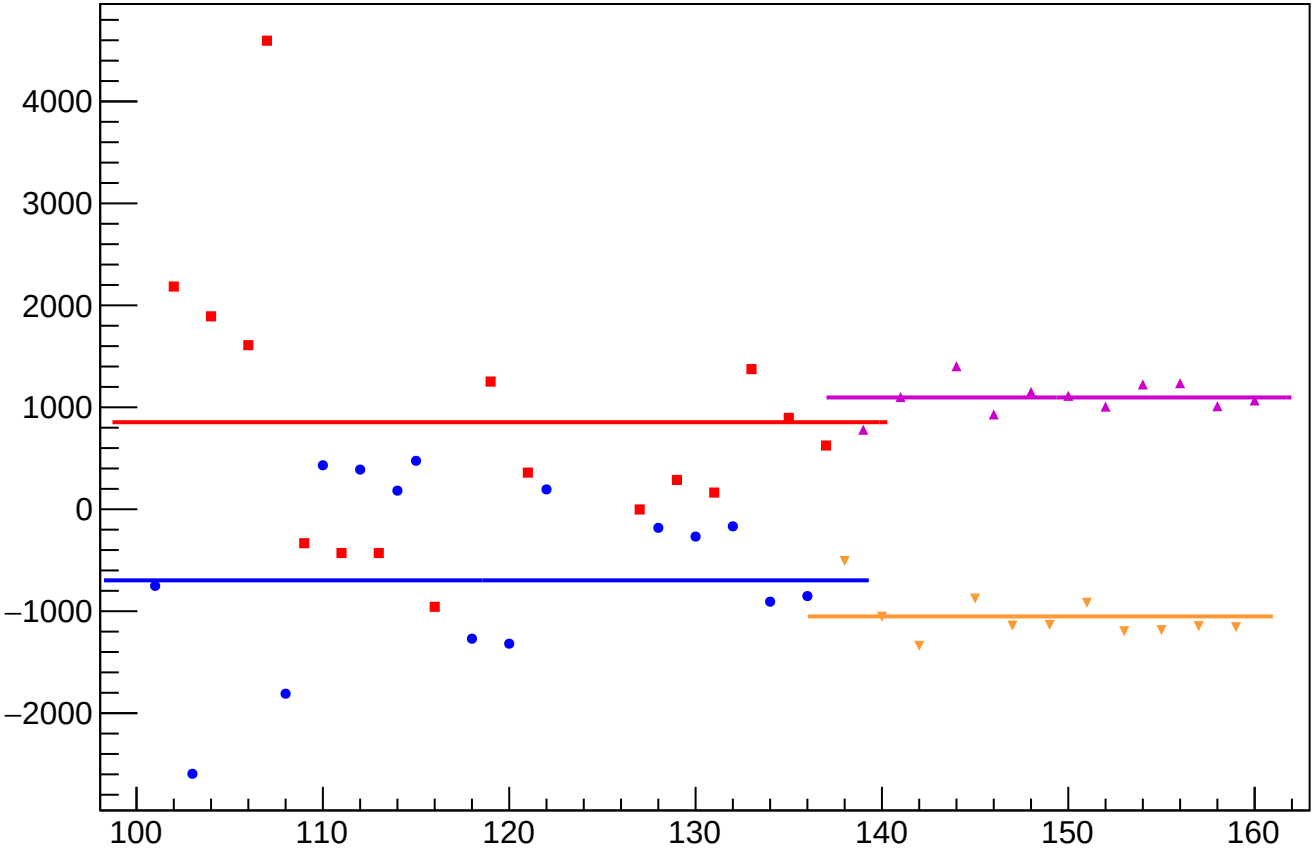
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

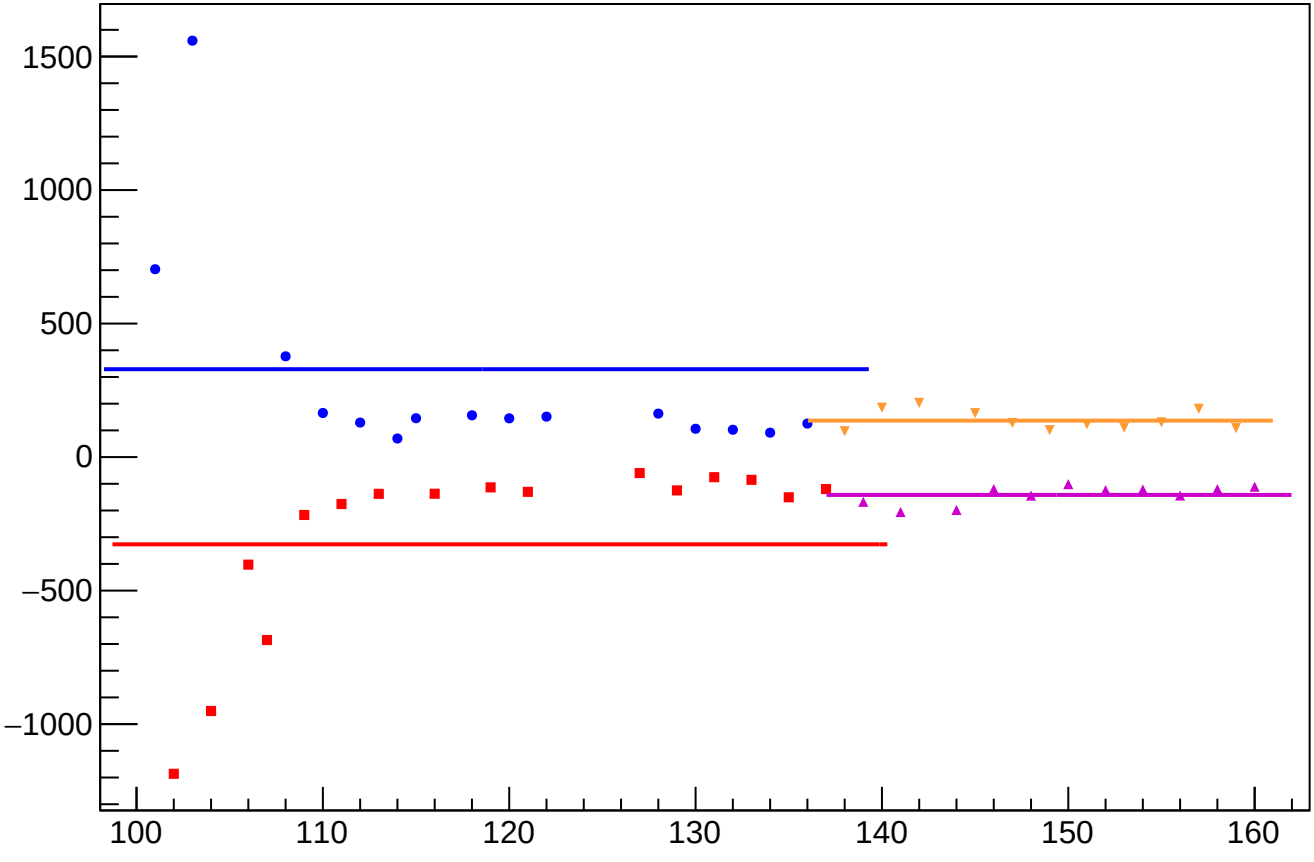
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_usl_coil6_mean vs Slug, Sign Corrected



Left: 67.567+/-0.000 χ^2/NDF: 21019070603536878
Right In: -697.283+/-0.000 χ^2/NDF: 490435790698133828475769692944364208128.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1050.953+/-0.000 χ^2/NDF:36829070766461393403765229942747430912.0/10
In: 356.413+/-0.000 χ^2/NDF:17405137132721450
Right Out: 853.734+/-0.000 χ^2/NDF: 107837902012641231715593227515620176691 2.0/15
Out: -213.493+/-0.000 χ^2/NDF:247104056165344
Left In: 1096.508+/-0.000 χ^2/NDF:233970924640850923750080146745579274 24.0/10
All: 76.624+/-0.000 χ^2/NDF: 4462374559981

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Left: -8.382+/-0.000 χ^2/NDF: 36300457914092733

Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14

Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126

Left Out: 136.529+/-0.000 χ^2/NDF:986372818283314141100082094359445504.0/10

In: 52.557+/-0.000 χ^2/NDF:20240803637991835

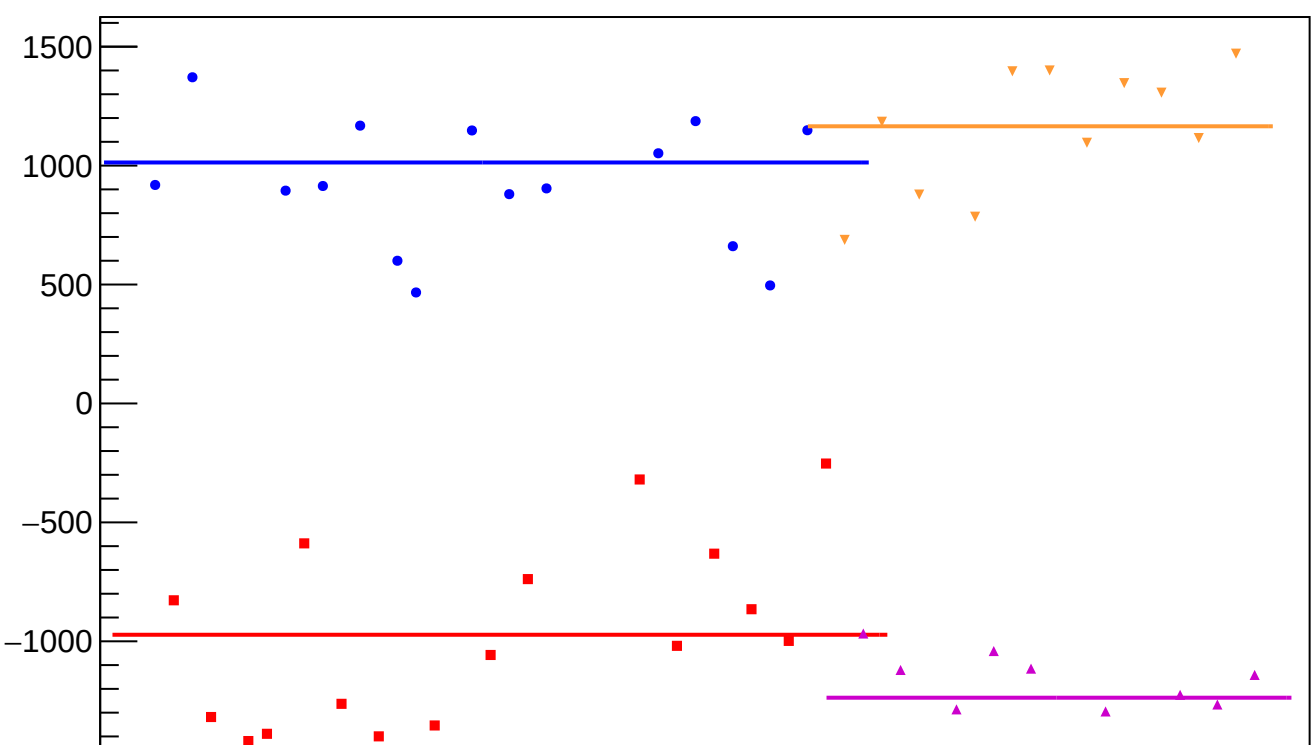
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15

Out: -67.143+/-0.000 χ^2/NDF:1687492144222724

Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10

All: -6.209+/-0.000 χ^2/NDF: 3822219588466

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1165.293+/-0.000 χ^2/NDF:5452652645472732695761949382749559193 6.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -86.036+/-0.000 χ^2/NDF: 2640160013842335

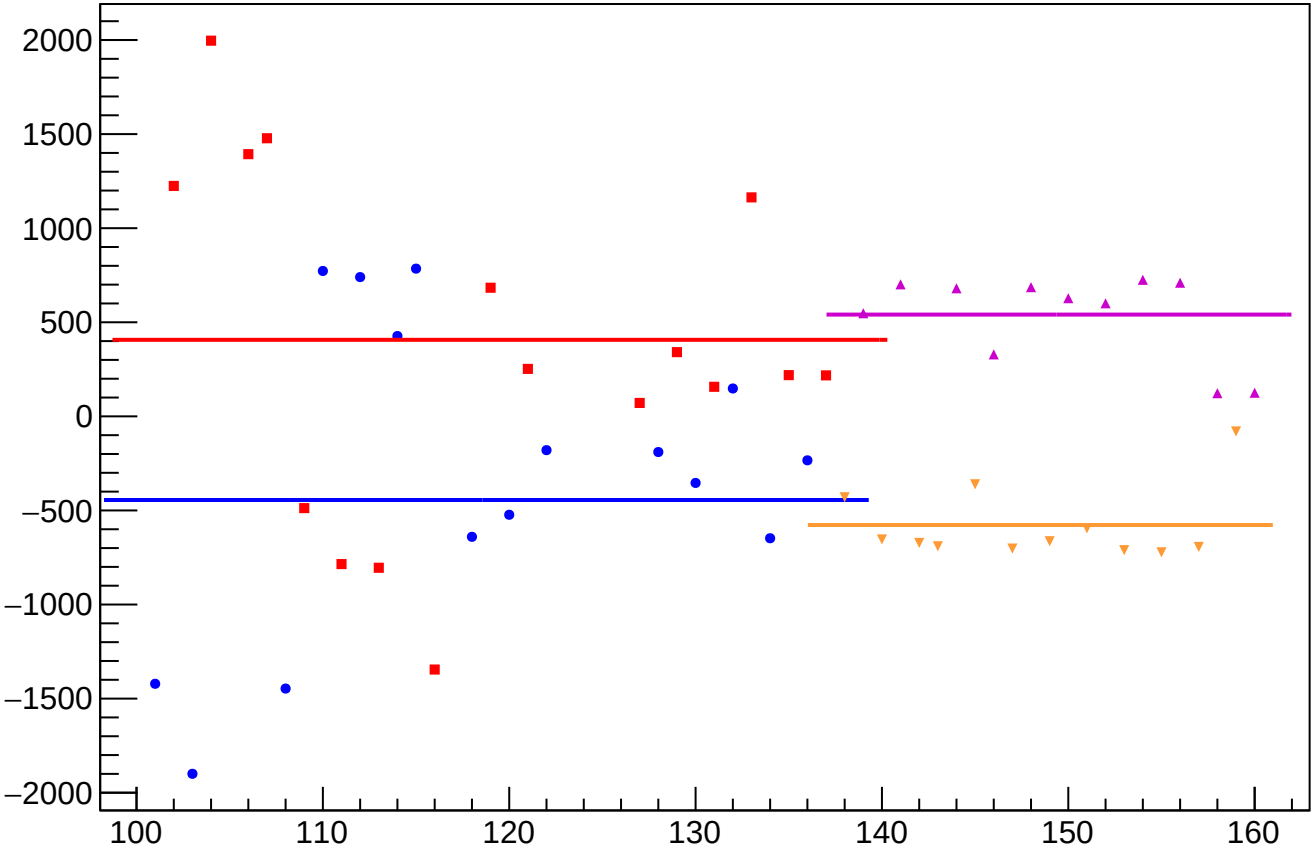
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 225.356+/-0.000 χ^2/NDF:184136487145433 2

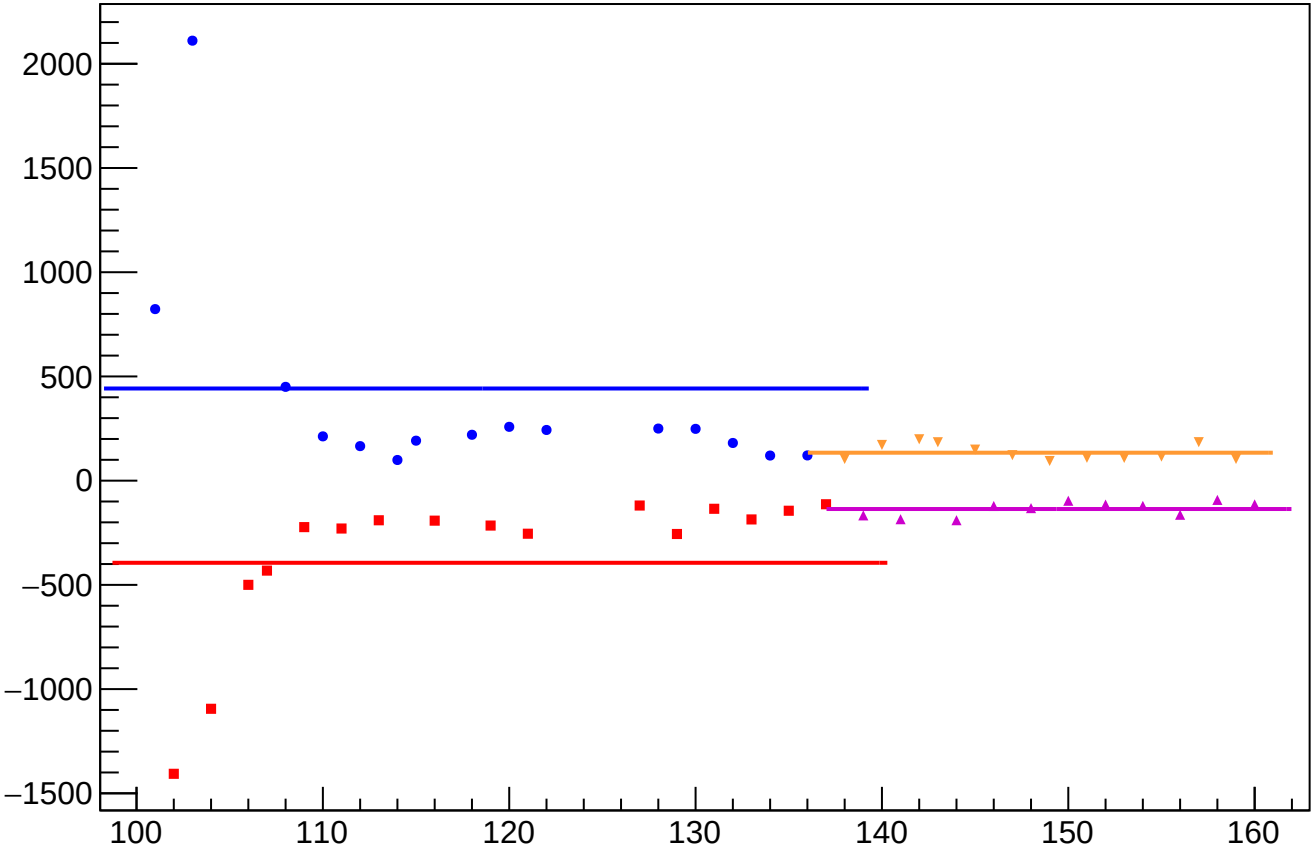
All: -46.515+/-0.000 χ^2/NDF: 405416159509

dit_usr_coil6_mean vs Slug, Sign Corrected



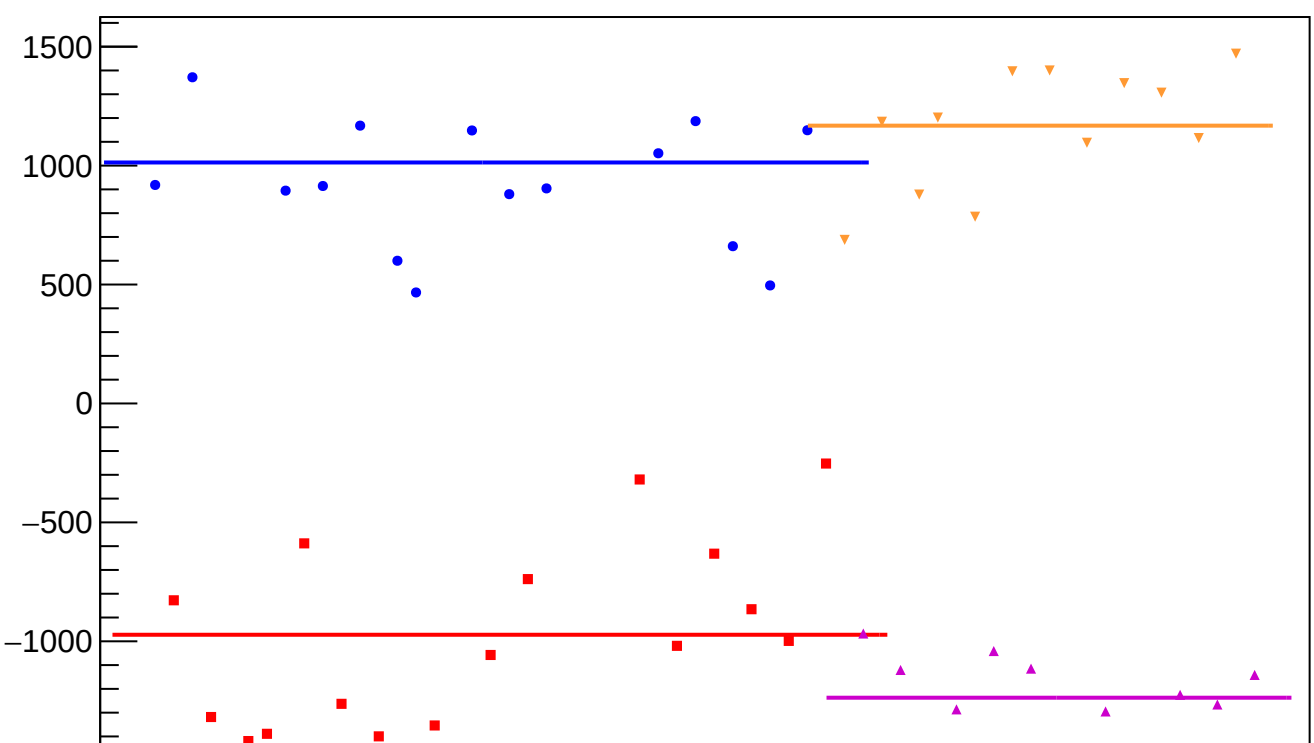
Left: -16.142+/-0.000 χ^2/NDF: 6513466746127000
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -577.377+/-0.000 χ^2/NDF:331819834558311535858388162900435927 04.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -162.984+/-0.000 χ^2/NDF:936263608973965
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.861+/-0.000 χ^2/NDF: 181531095518

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Left: -1.473+/-0.000 χ^2/NDF: 35711226201066050
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.122+/-0.000 χ^2/NDF:110815029602817858746334247645505126 4.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218 2
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.277+/-0.000 χ^2/NDF:2147026412084769
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.789+/-0.000 χ^2/NDF: 5759125862405 7

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

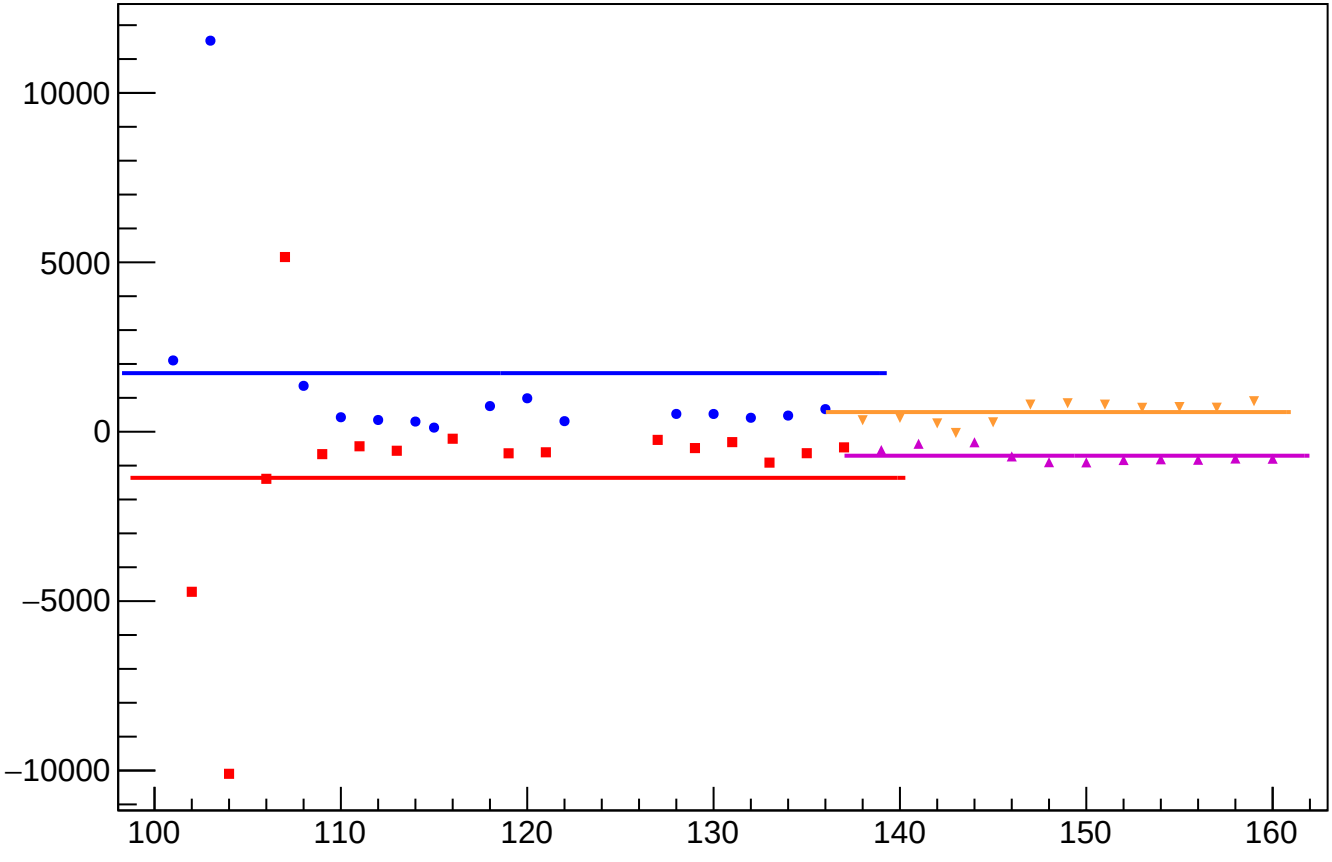
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atl1_coil6_mean vs Slug, Sign Corrected



Left: -66.269+/-0.000 χ^2/NDF: 8726546360279991

Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14

Right: 162.918+/-0.000 χ^2/NDF: 159853161210173

Left Out: 580.248+/-0.000 χ^2/NDF:7085797843407662400942997921272850022 4.0/11

In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3

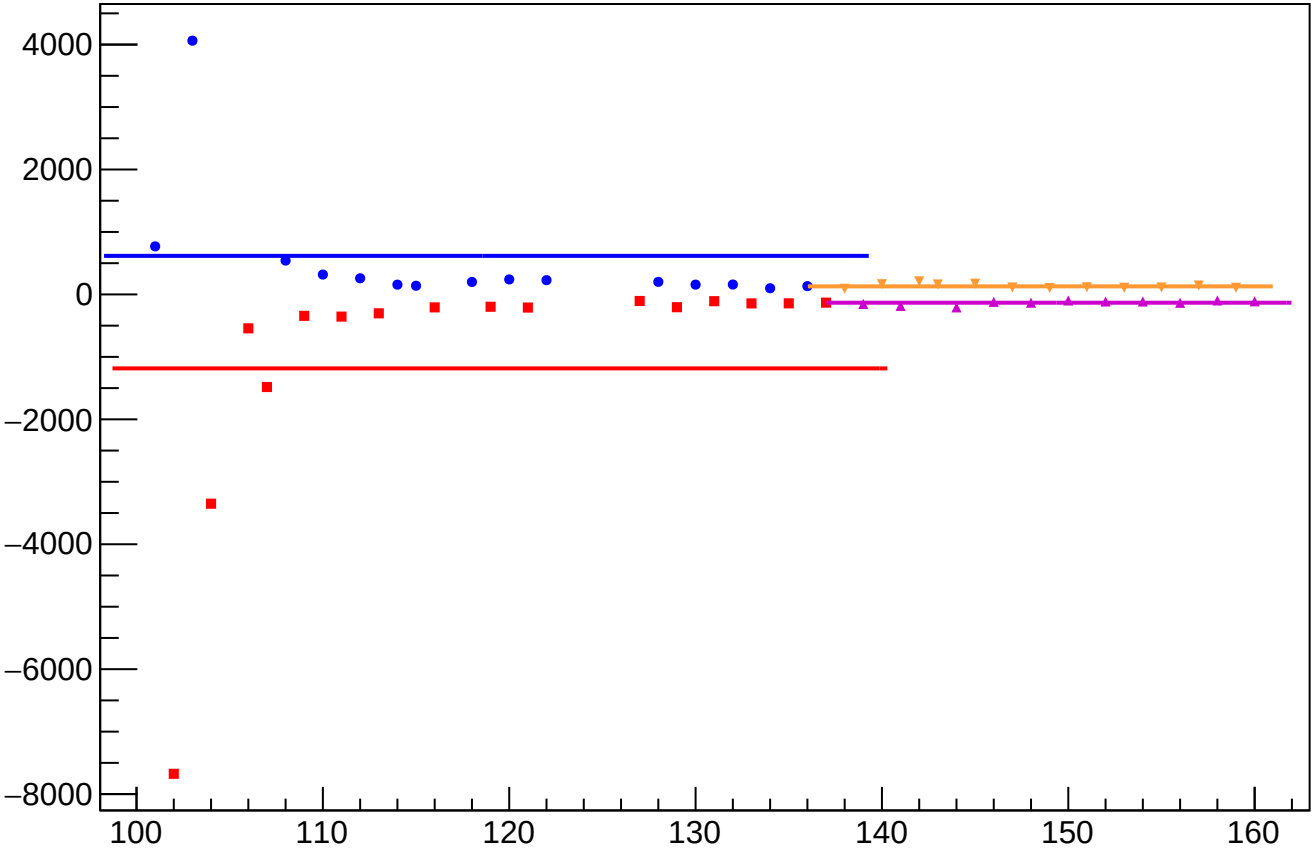
Right Out: -1360.914+/-0.000 χ^2/NDF: 643160593314886341303841785018650617446 4.0/15

Out: -237.148+/-0.000 χ^2/NDF:795746504420741

Left In: -707.889+/-0.000 χ^2/NDF:381164861888179806990324260024321310 72.0/10

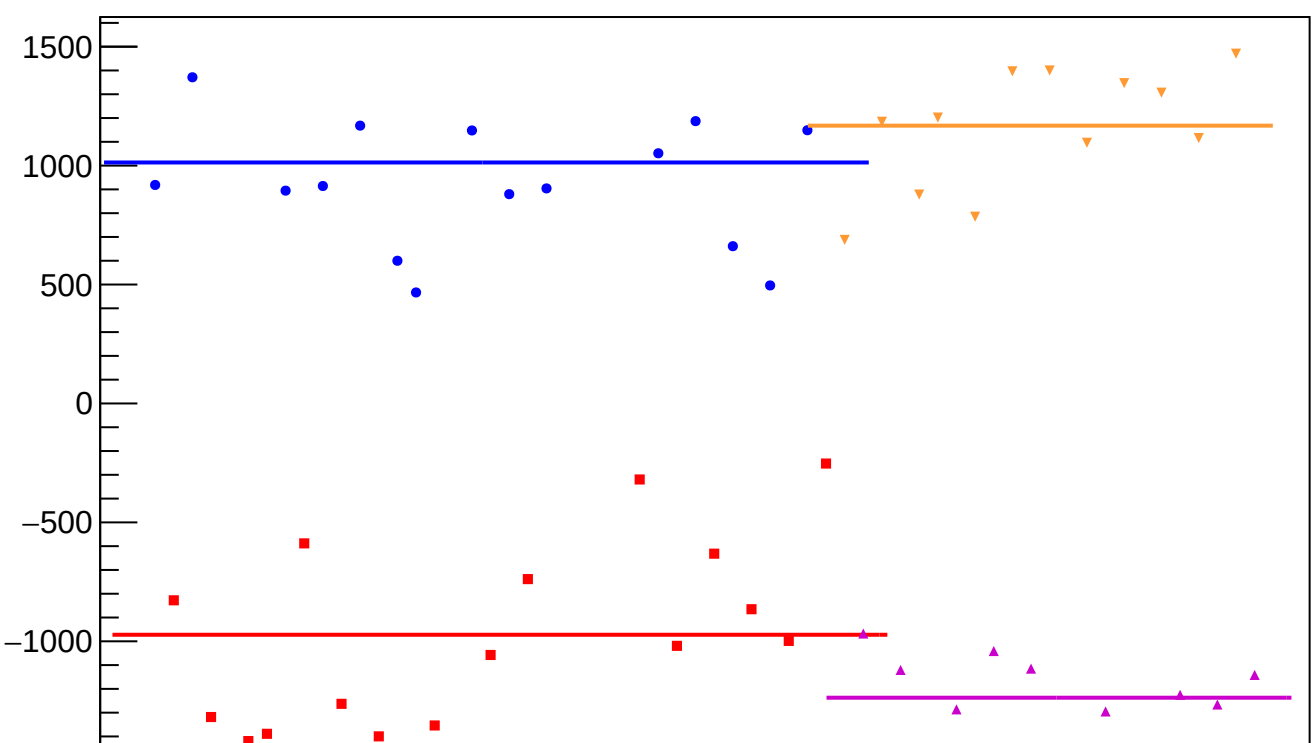
All: 29.268+/-0.000 χ^2/NDF: 1689828119221

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.474+/-0.000 χ^2/NDF: 3357943194204902
Right In: 617.343+/-0.000 χ^2/NDF: 7923660129859541983453177502687559680 00.0/14
Right: -295.811+/-0.000 χ^2/NDF: 50275218393015
Left Out: 128.916+/-0.000 χ^2/NDF:9464462818899964107363355906193489 92.0/11
In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3
Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15
Out: -424.070+/-0.000 χ^2/NDF:383429647760735
Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10
All: -124.752+/-0.000 χ^2/NDF: 51271351902

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

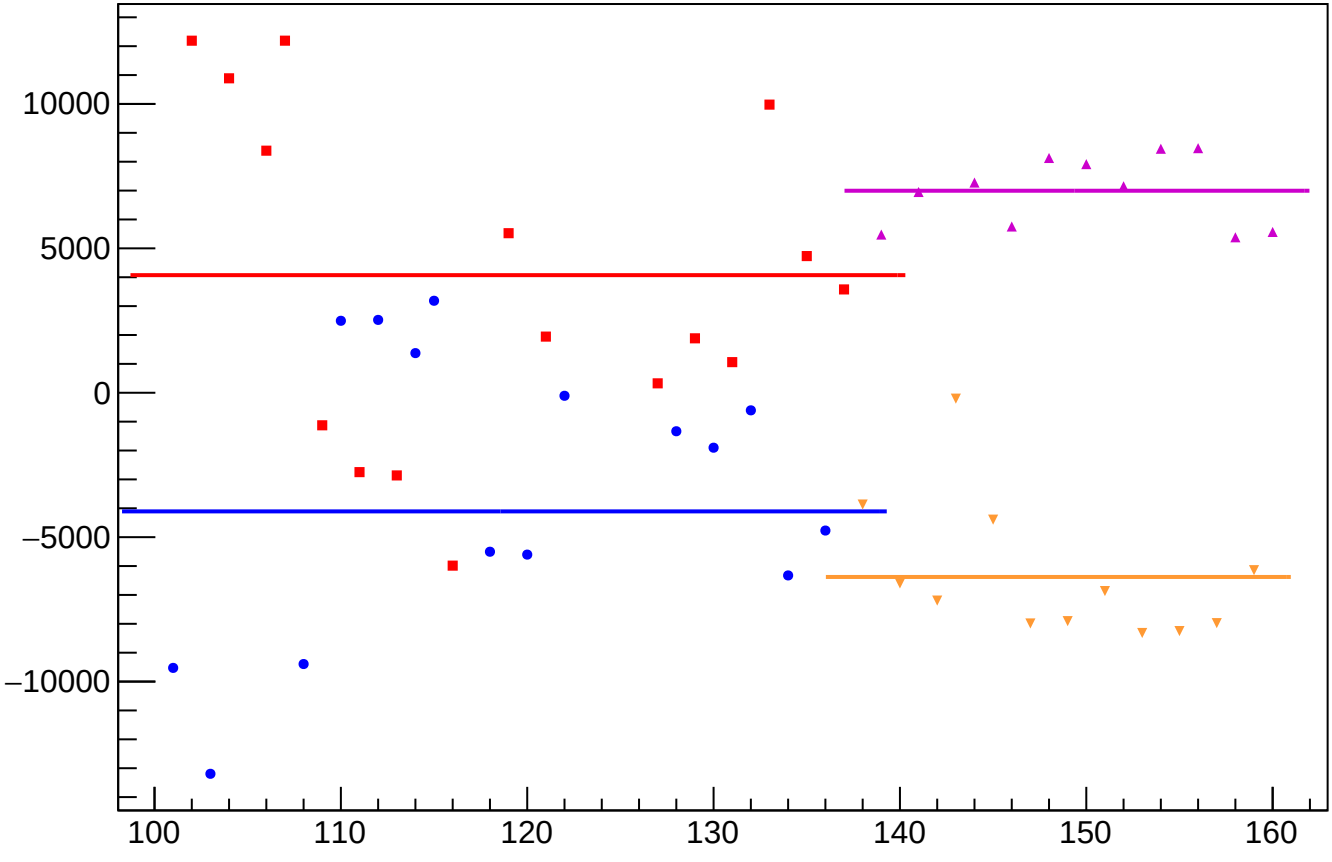
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

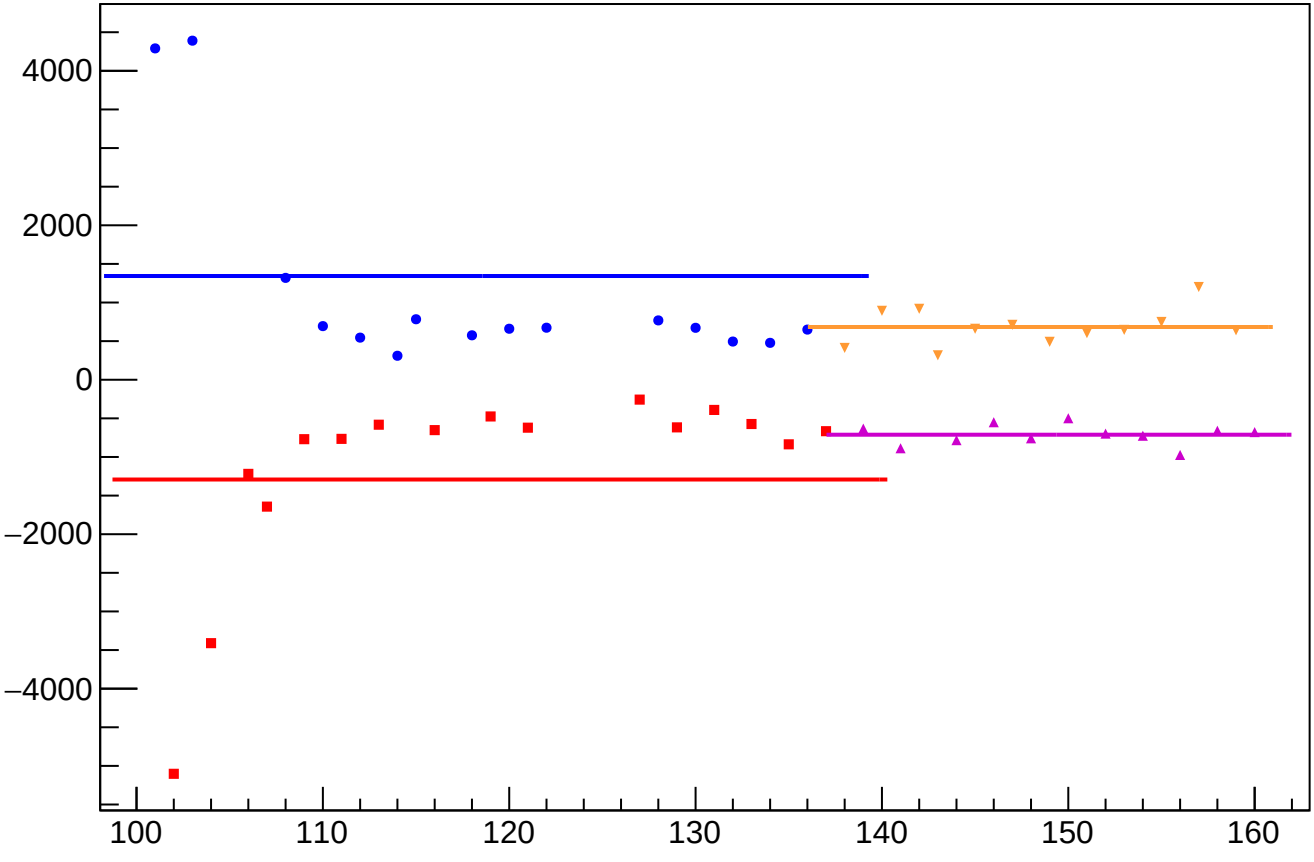
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atl2_coil6_mean vs Slug, Sign Corrected



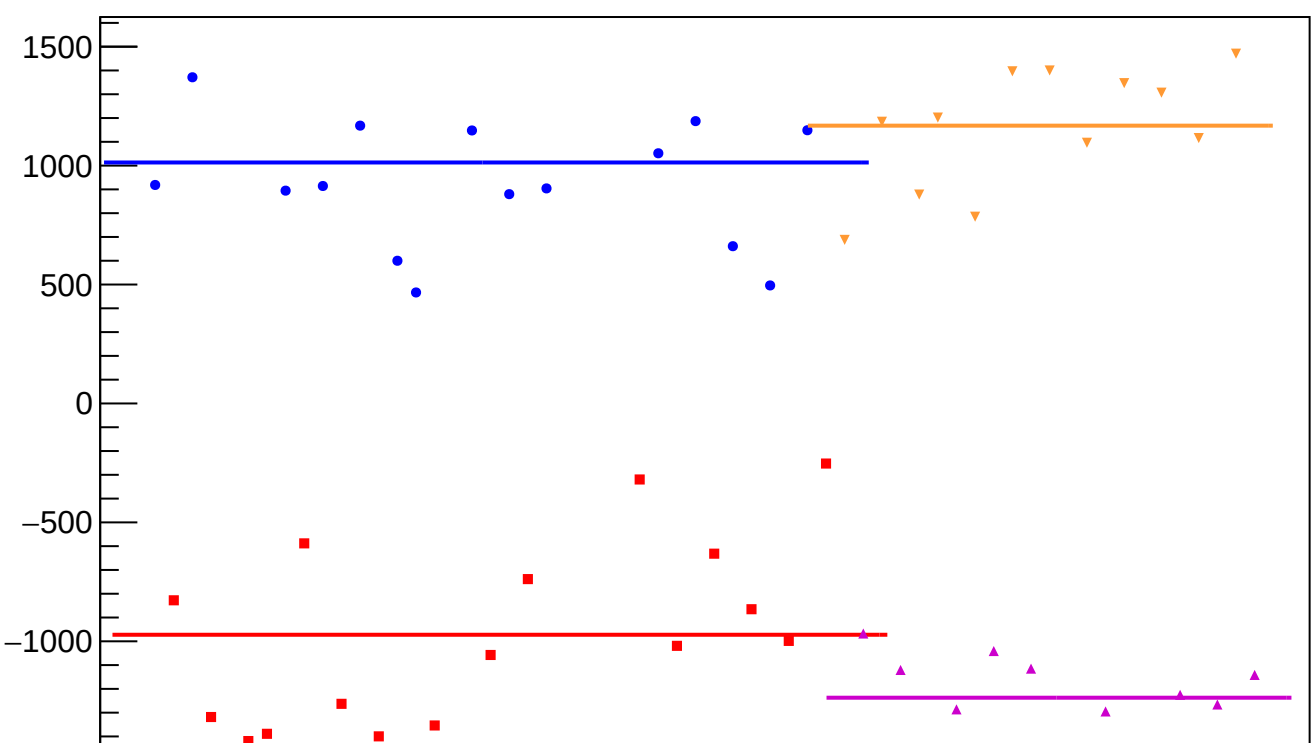
Left: 333.844+/-0.000 χ^2/NDF: 8816027635045107
Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14
Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786
Left Out: -6377.972+/-0.000 χ^2/NDF:462259115495458827520769352633359427174 4.0/11
In: 2414.162+/-0.000 χ^2/NDF:6274970680925114
Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15
Out: -1977.586+/-0.000 χ^2/NDF:67157489974478
Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10
All: 210.636+/-0.000 χ^2/NDF: 14512963200 4

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: -16.982+/-0.000 χ^2/NDF: 9576304721385897
Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14
Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230
Left Out: 683.065+/-0.000 χ^2/NDF:46379995695844949663521519572812300288.0/11
In: 136.160+/-0.000 χ^2/NDF:2943372362818716
Right Out: -1291.796+/-0.000 χ^2/NDF: 13235689170088729779059600115869910302 72.0/15
Out: -148.521+/-0.000 χ^2/NDF:287590871599294
Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10
All: -6.676+/-0.000 χ^2/NDF: 588324395867 0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

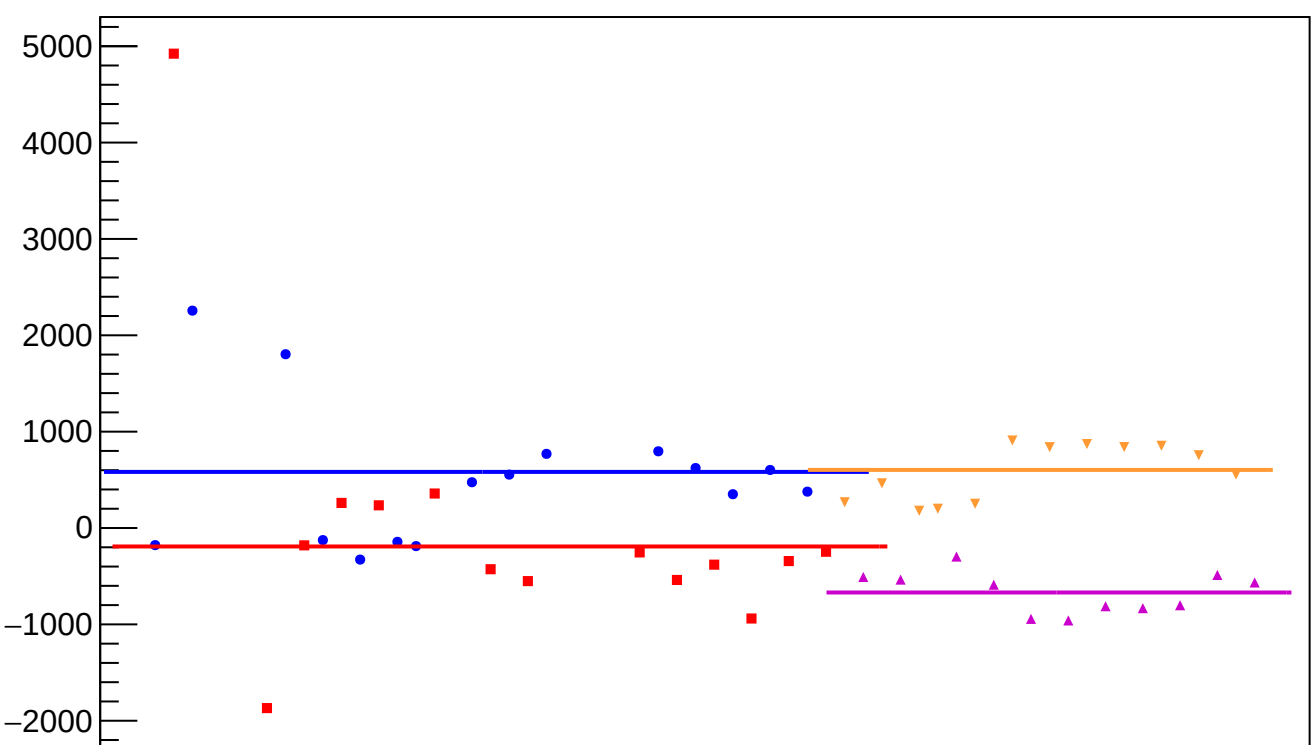
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

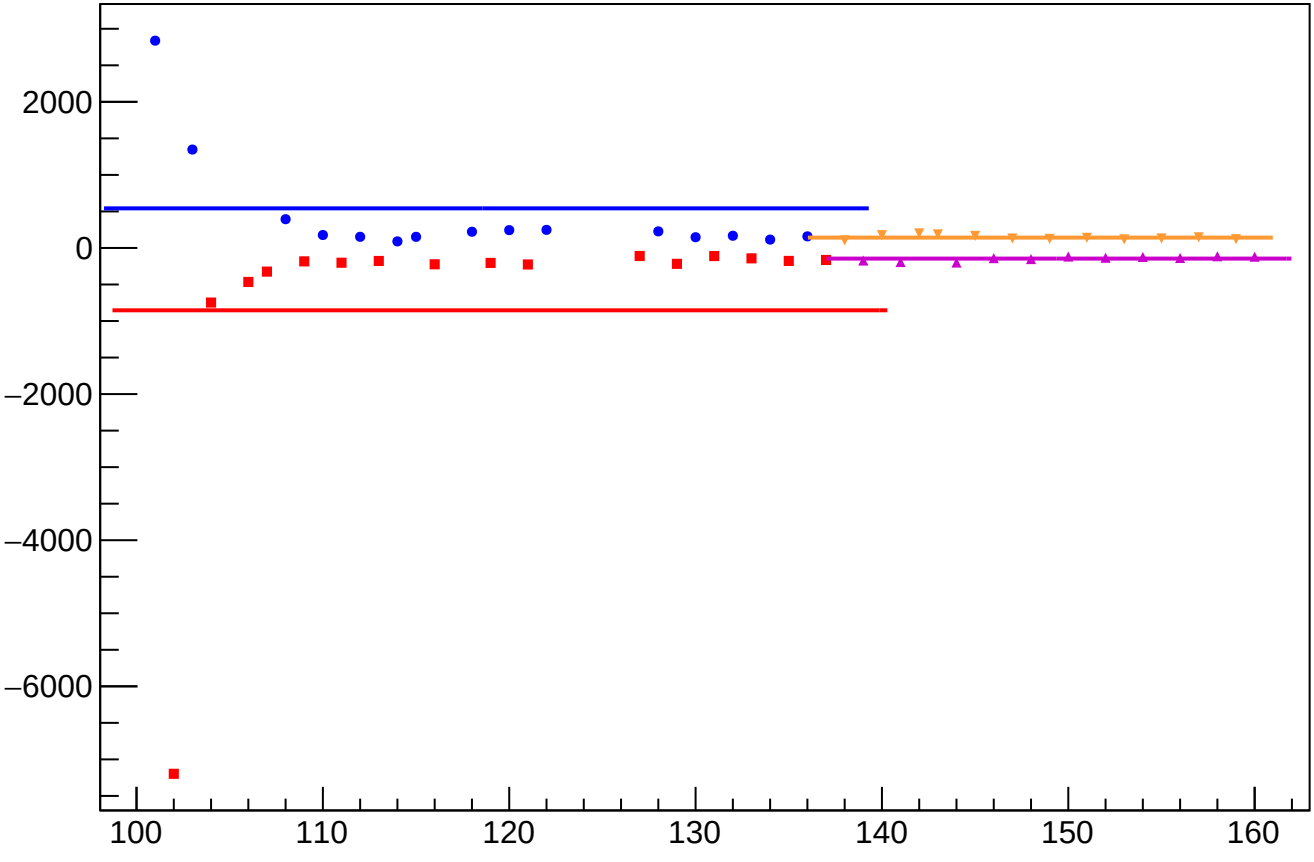
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atr1_coil6_mean vs Slug, Sign Corrected



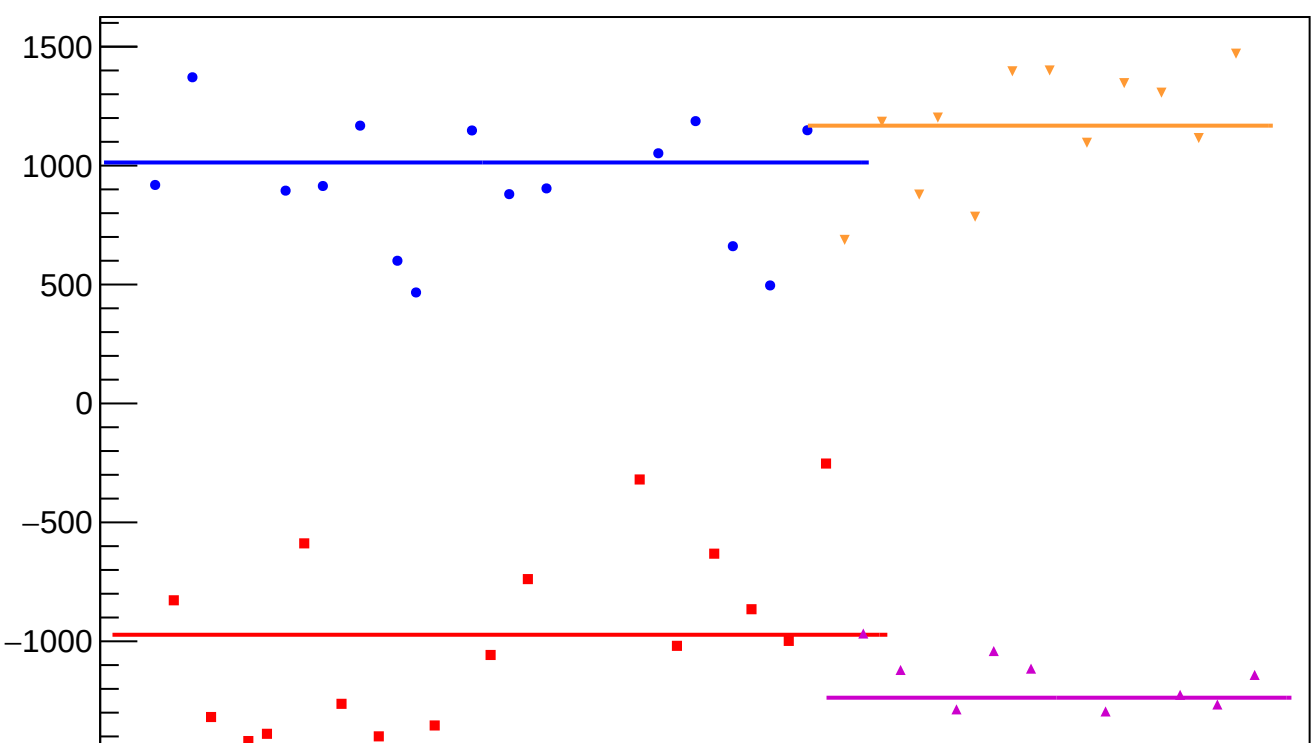
Left: -35.449+/-0.000 χ^2/NDF: 8532502457359131
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 603.094+/-0.000 χ^2/NDF:6881003841946300100487857498867997 0816.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.465+/-0.000 χ^2/NDF:2481424308915495
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.575+/-0.000 χ^2/NDF: 3596899884721

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Left: -2.363+/-0.000 χ^2/NDF: 3946513510382648
Right In: 542.328+/-0.000 χ^2/NDF: 4143788120037955496490340484628170670 08.0/14
Right: -164.982+/-0.000 χ^2/NDF: 36290648240362
Left Out: 141.867+/-0.000 χ^2/NDF:67570148507859400684628208121177 7024.0/11
In: 138.288+/-0.000 χ^2/NDF:5955245908966435
Right Out: -853.203+/-0.000 χ^2/NDF: 2574076381441046787772449137133917044736.0/15
Out: -277.143+/-0.000 χ^2/NDF:295709043506187
Left In: -145.502+/-0.000 χ^2/NDF:7820660356105502729286612818948259 84.0/10
All: -70.151+/-0.000 χ^2/NDF: 368882425713

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

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: -39.161+/-0.000 χ^2/NDF: 2747267695574641

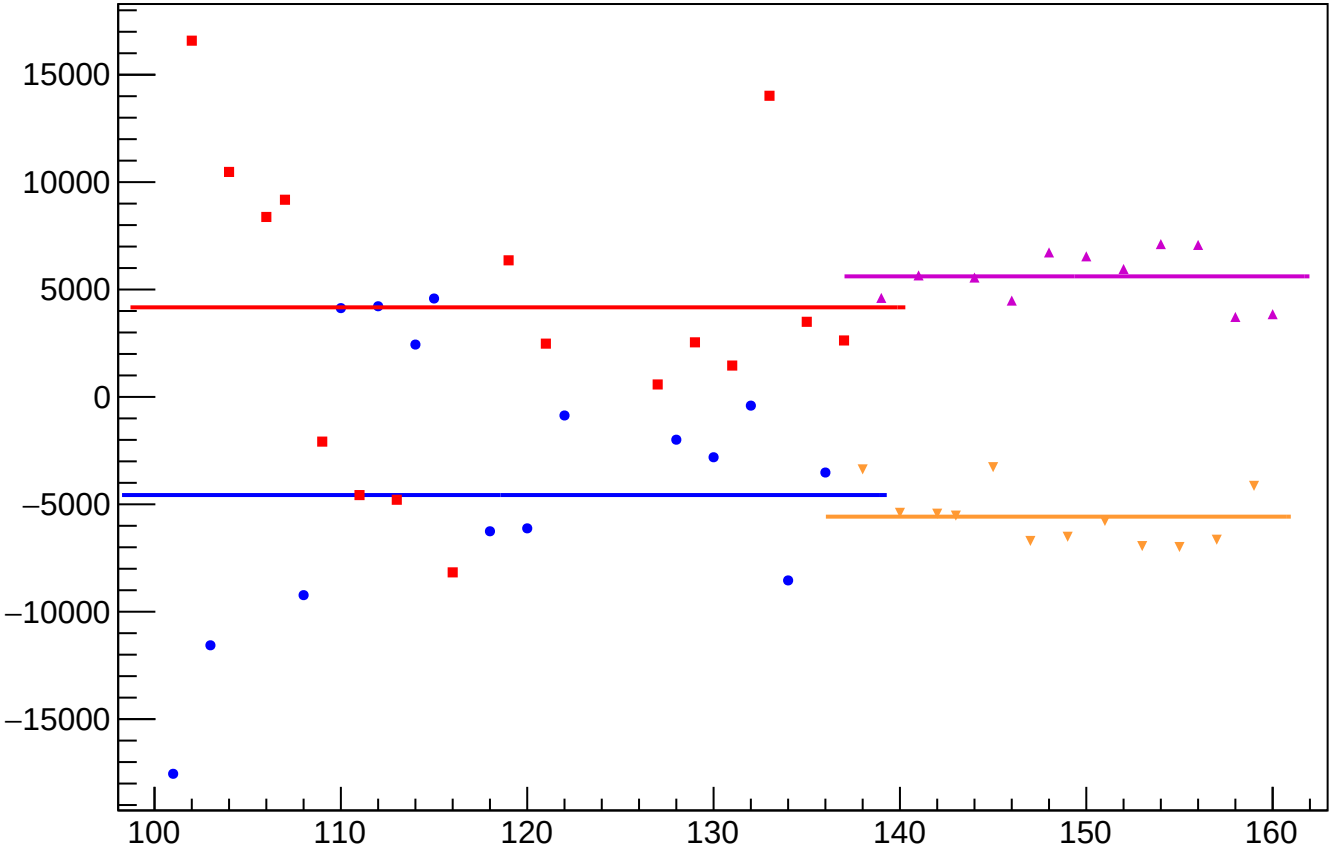
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

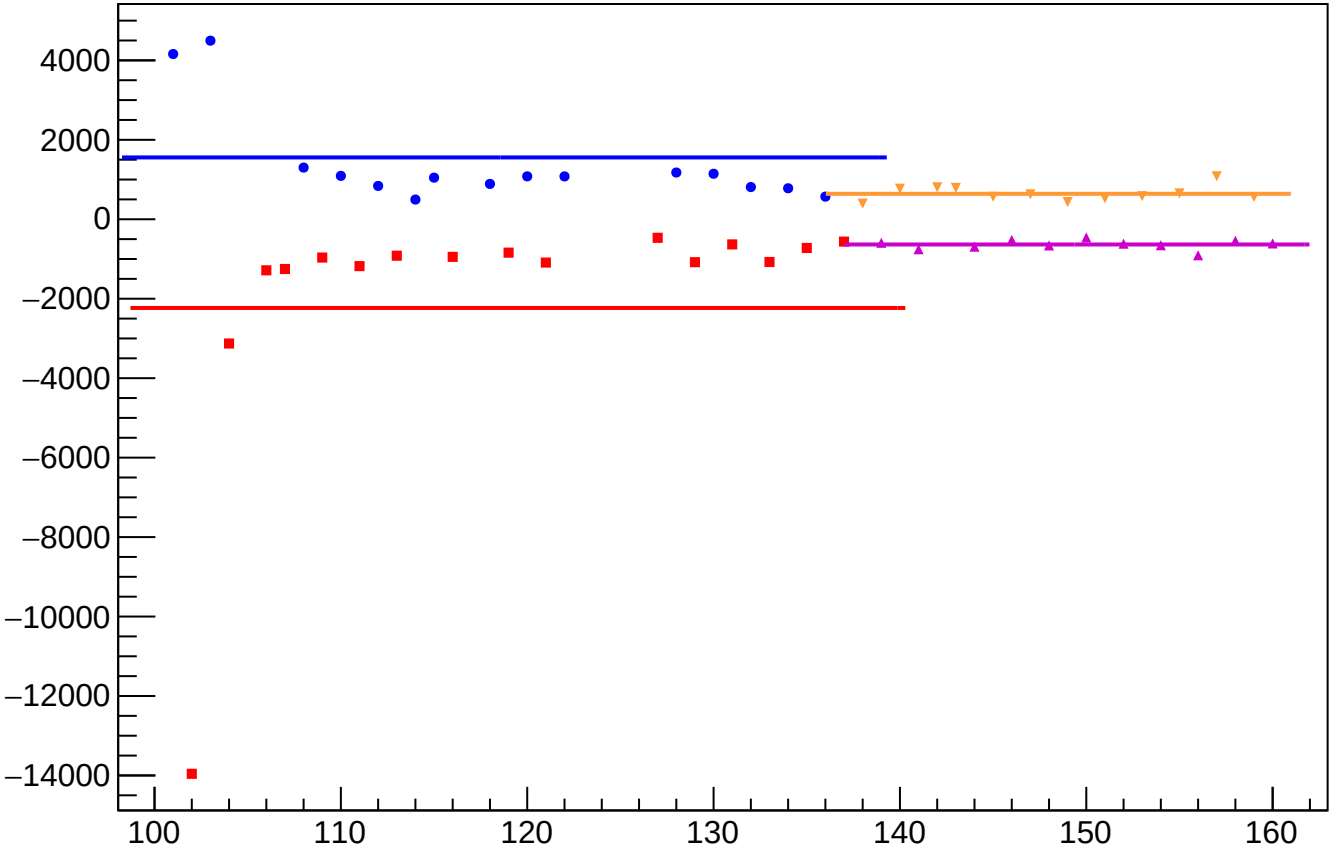
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_atr2_coil6_mean vs Slug, Sign Corrected



Left: 40.749+/-0.000 χ^2/NDF: 6043476245796298
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5574.062+/-0.000 χ^2/NDF:1562689011038892047530316656159376801792.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205
Right Out: 4170.773+/-0.000 χ^2/NDF: 3096724883218791204111390955948110302412 8.0/15
Out: -1470.650+/-0.000 χ^2/NDF:69198079726884
Left In: 5613.024+/-0.000 χ^2/NDF:1272210659936261957248133173503170969600.0/10
All: -34.178+/-0.000 χ^2/NDF: 140743325235

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 0.563+/-0.000 χ^2/NDF: 790778290017267378

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 640.537+/-0.000 χ^2/NDF:30170658754052148161516421209078628352.0/11

In: 269.551+/-0.000 χ^2/NDF:2982307306619134

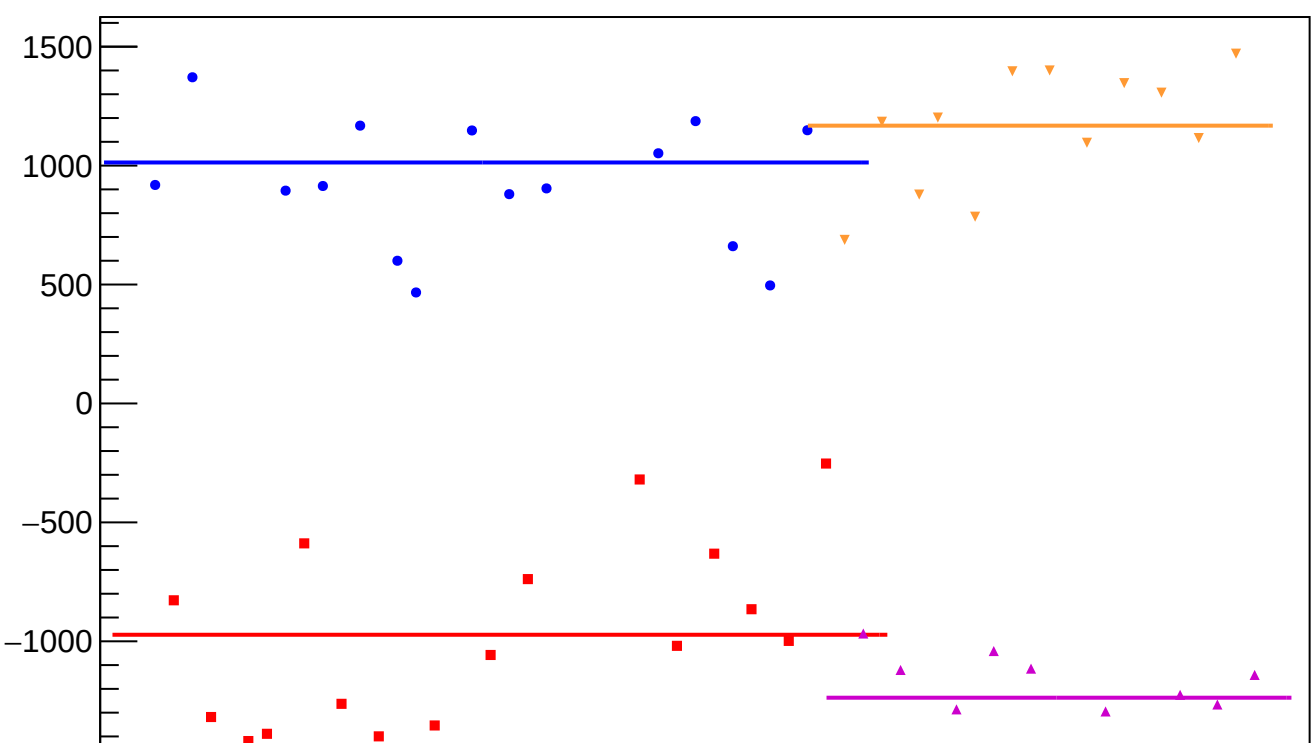
Right Out: -2232.520+/-0.000 χ^2/NDF: 899039572553393013487859556970694233292 8.0/15

Out: -569.267+/-0.000 χ^2/NDF:122079062907223

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

All: -151.319+/-0.000 χ^2/NDF: 1574553533

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:546101387838704309464052056927565250 56.0/11

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: -39.161+/-0.000 χ^2/NDF: 2747267695574641

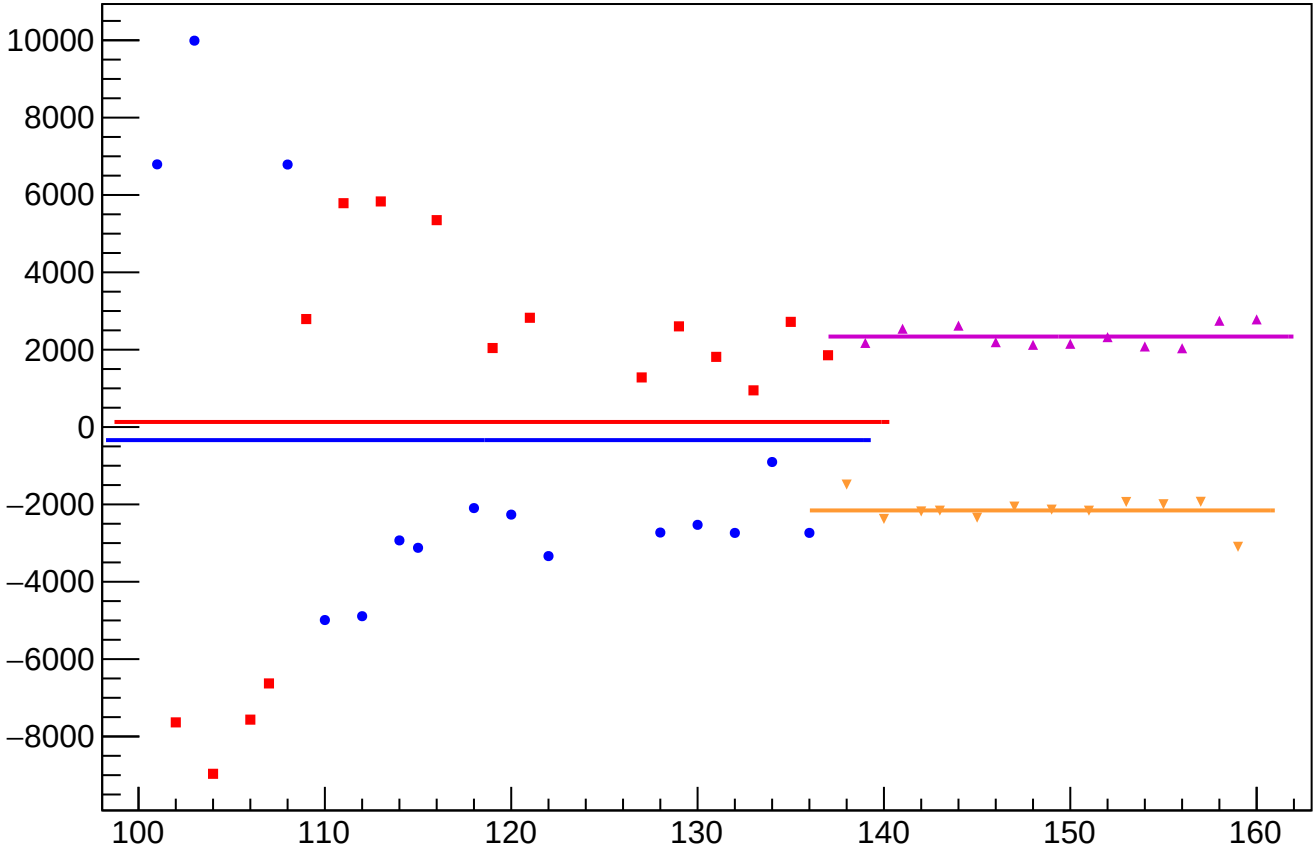
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

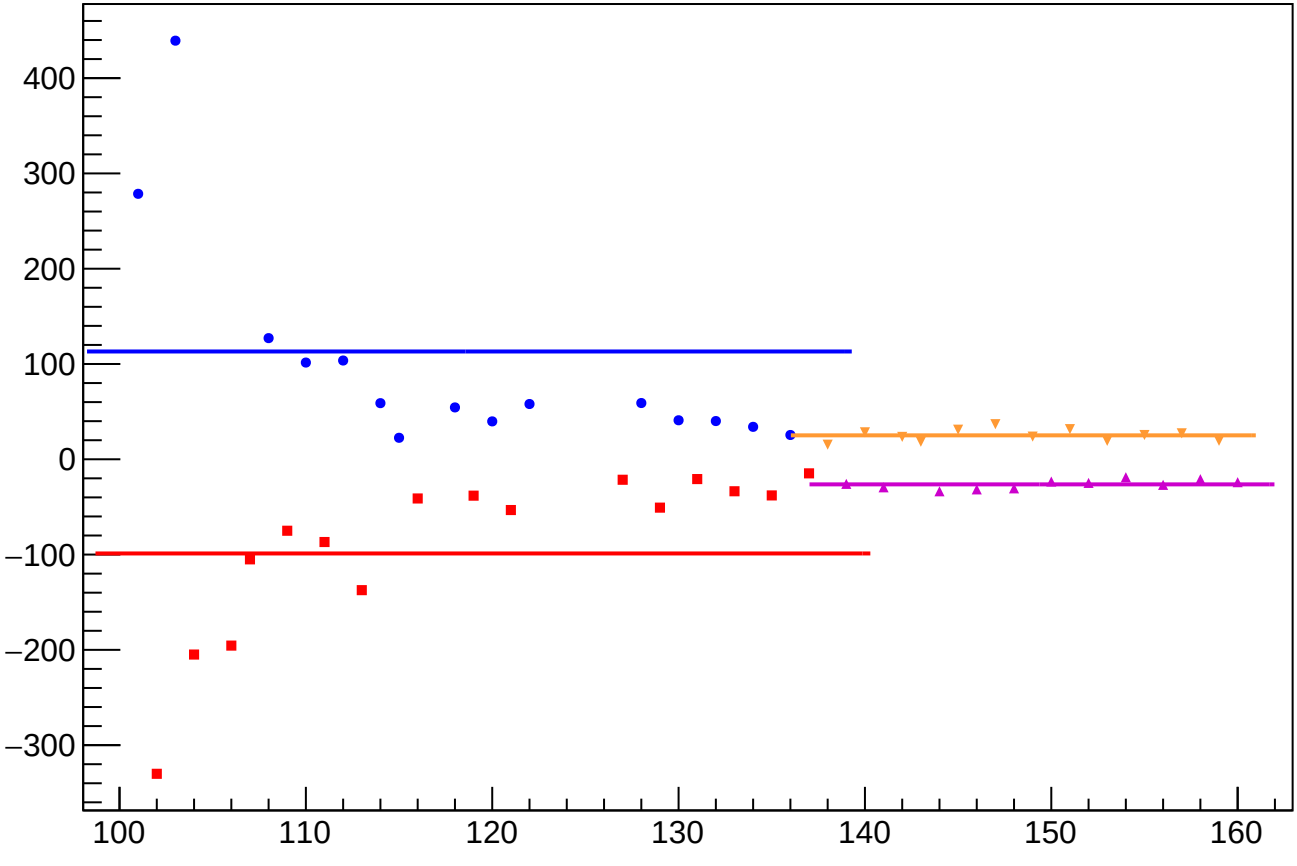
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam1_coil6_mean vs Slug, Sign Corrected



Left: 100.475+/-0.000 χ^2/NDF: 9487043627831926
Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14
Right: -99.949+/-0.000 χ^2/NDF: 316982138957514
Left Out: -2155.781+/-0.000 χ^2/NDF:1232193651273252322124109301352518123 52.0/11
In: 1234.934+/-0.000 χ^2/NDF:1794842889484232
Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15
Out: -1192.620+/-0.000 χ^2/NDF:18616645985625
Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10
All: 16.928+/-0.000 χ^2/NDF: 4121608496439

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Left: -0.702+/-0.000 χ^2/NDF: 12707945014592862

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.122+/-0.000 χ^2/NDF:3423655463991049901455558155907891 2.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

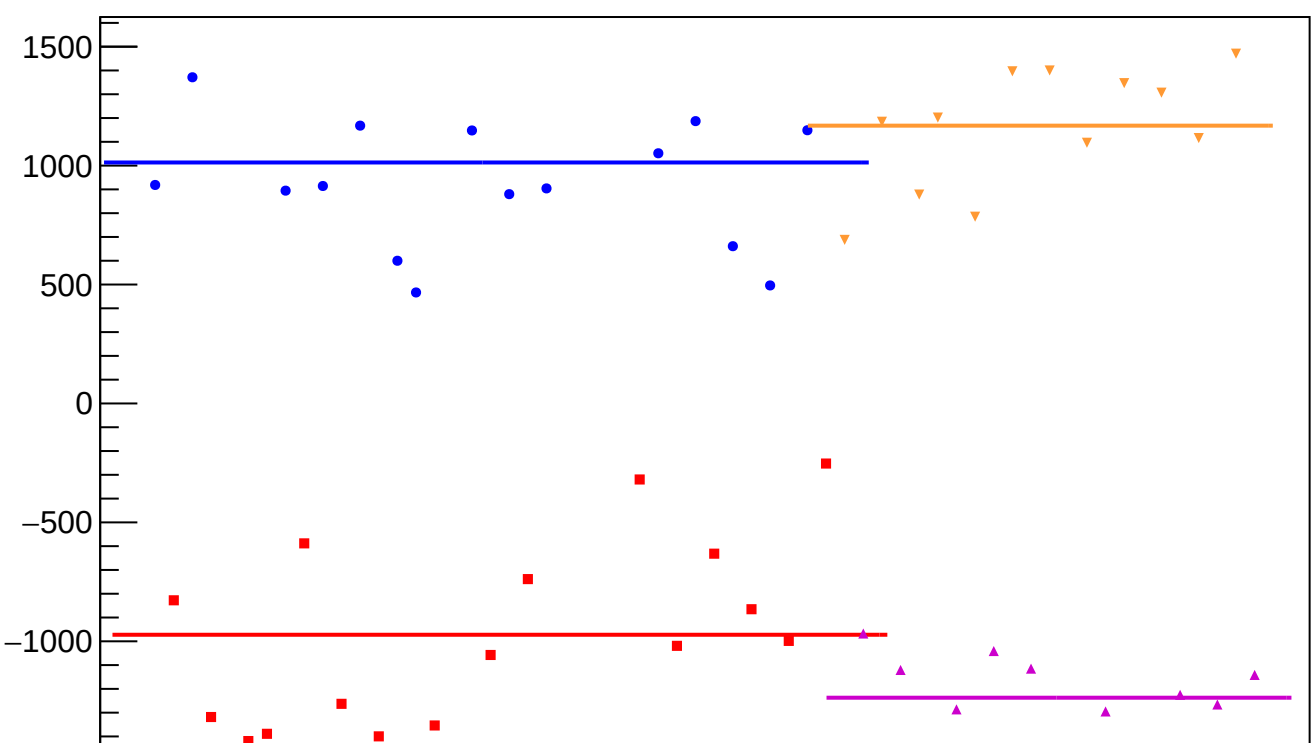
Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.074+/-0.000 χ^2/NDF:1147748998241663

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.967+/-0.000 χ^2/NDF: 3158143311514

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

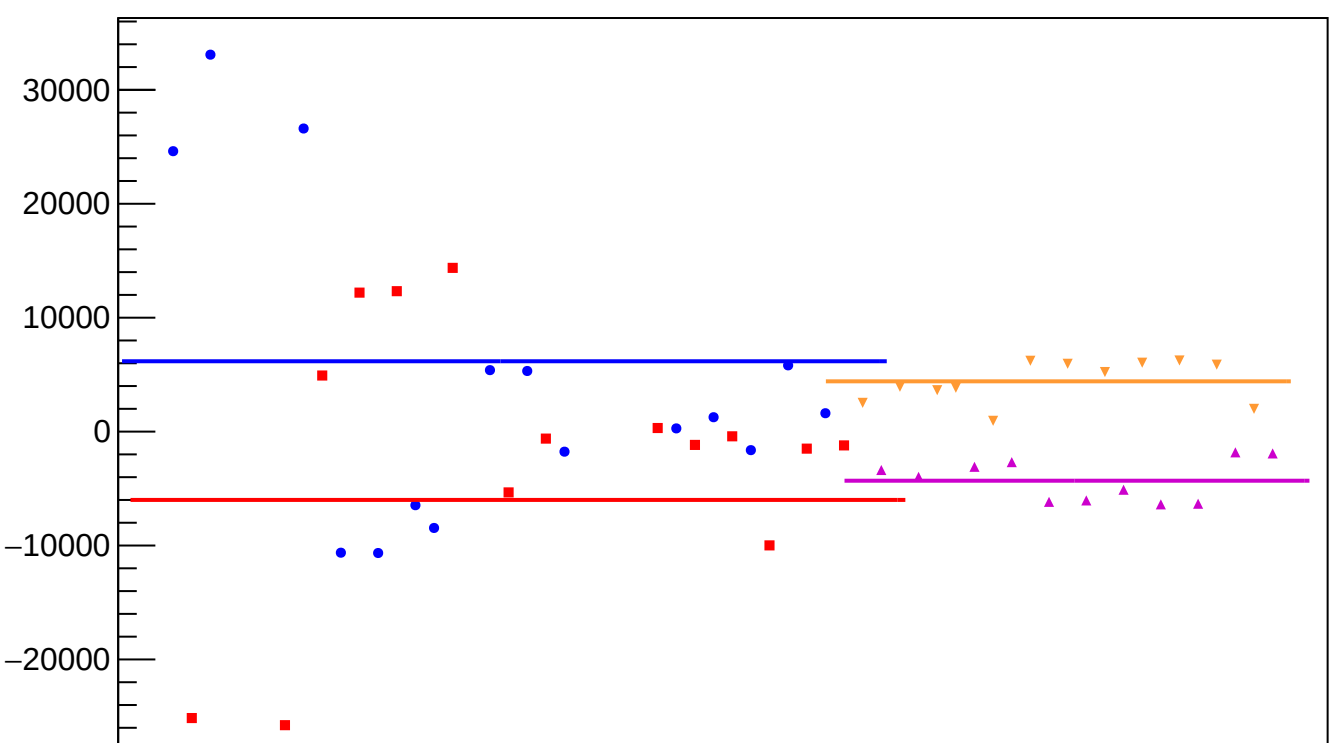
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

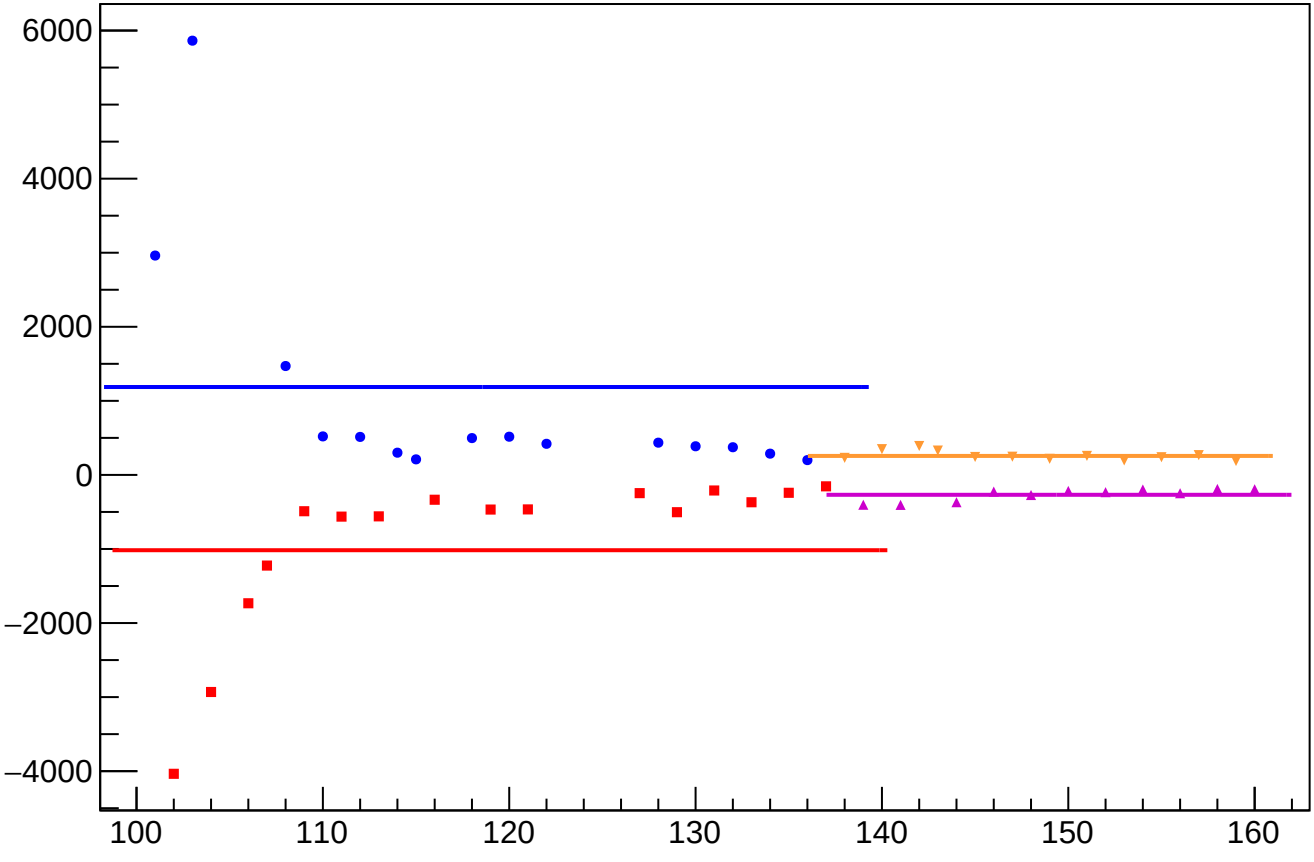
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam2_coil6_mean vs Slug, Sign Corrected



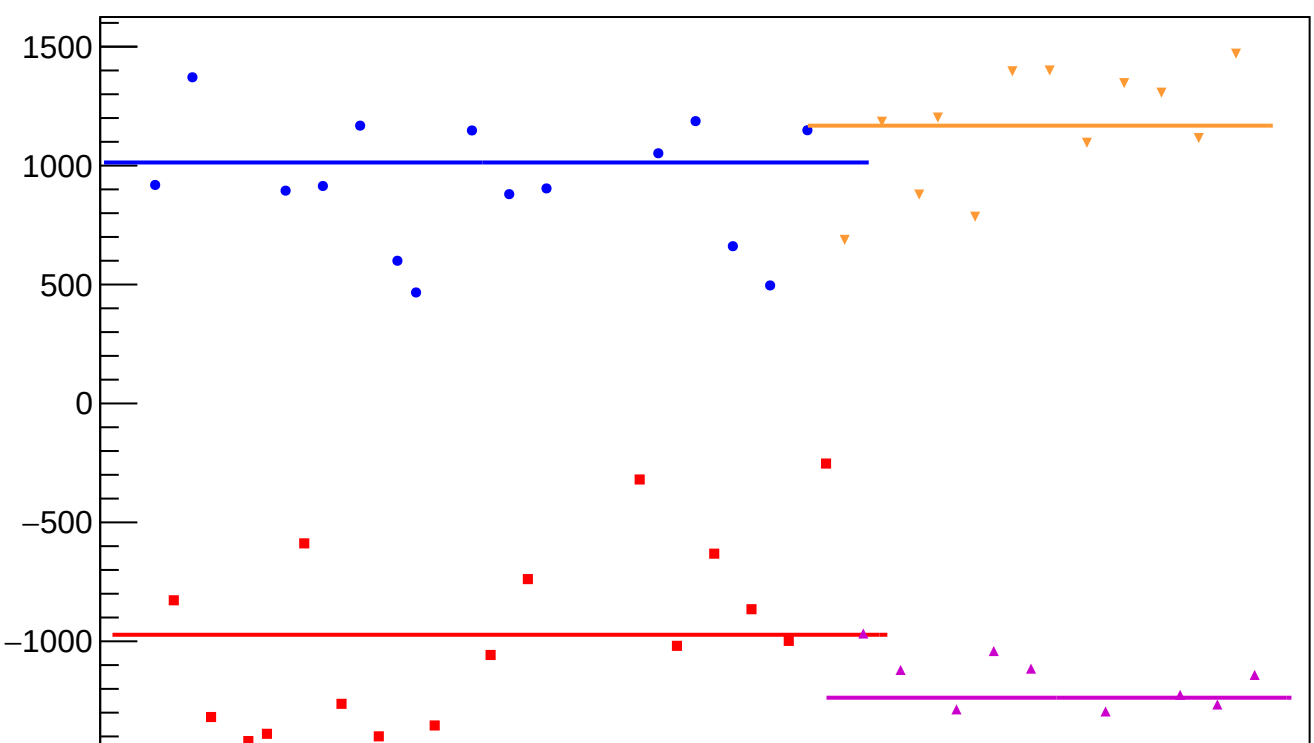
Left: 34.951+/-0.000 χ^2/NDF: 4067274758711618
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4413.614+/-0.000 χ^2/NDF:2955972864027480615108884679842756296704.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 29.967+/-0.000 χ^2/NDF:1818612195983734
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.940+/-0.000 χ^2/NDF: 3437284589394

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Left: -7.038+/-0.000 χ^2/NDF: 13546112038867189
Right In: 1186.846+/-0.000 χ^2/NDF: 17964633128020233036232102646803532349 44.0/14
Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683
Left Out: 256.413+/-0.000 χ^2/NDF:27963779927402105272334458398389043 20.0/11
In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5
Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15
Out: -279.690+/-0.000 χ^2/NDF:155632876802520
Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10
All: 25.070+/-0.000 χ^2/NDF: 446136755272 6

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

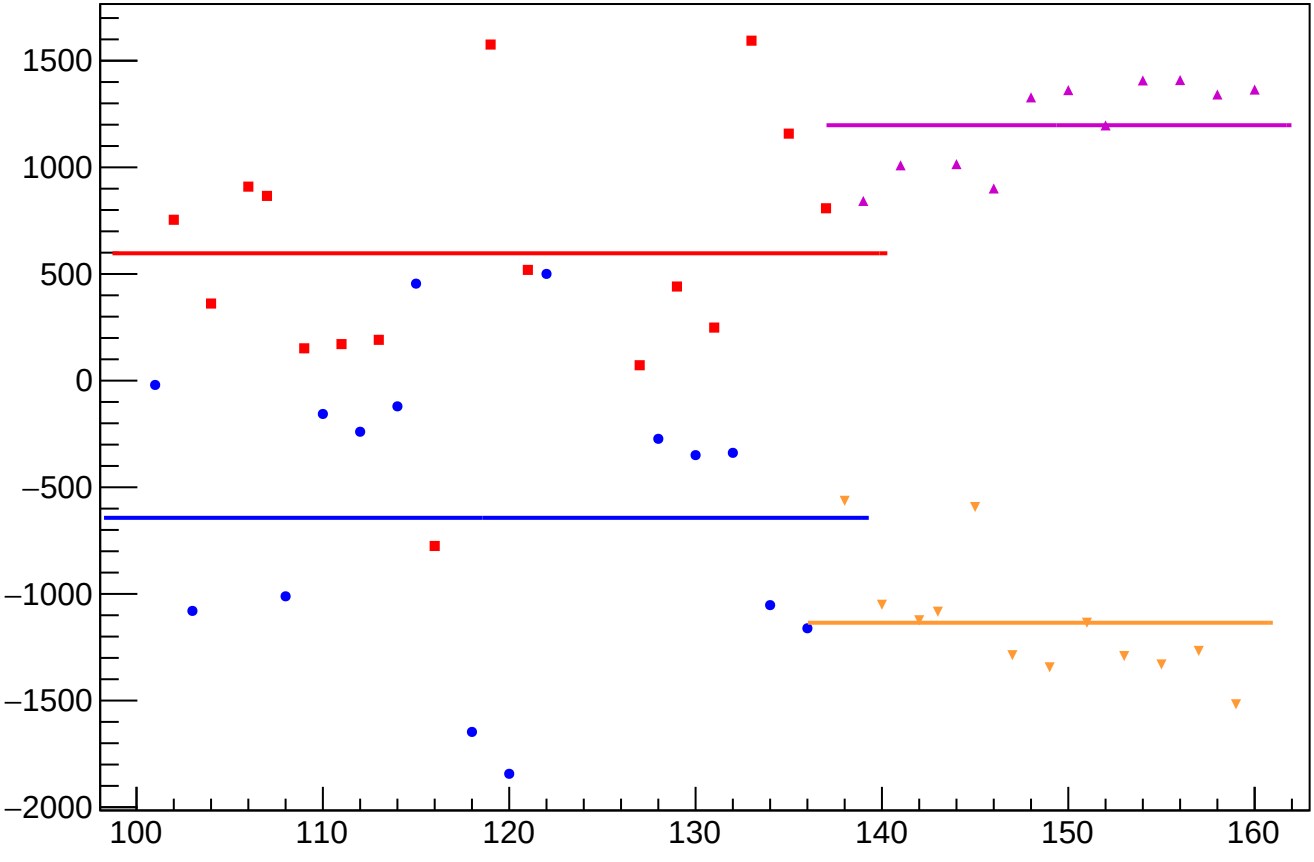
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam3_coil6_mean vs Slug, Sign Corrected



Left: 35.669+/-0.000 χ^2/NDF: 2616472064555408

Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14

Right: -14.605+/-0.000 χ^2/NDF: 989448118075246

Left Out: -1135.033+/-0.000 χ^2/NDF:7378981763218616377663214601635469721 6.0/11

In: 438.045+/-0.000 χ^2/NDF:1603056987163828

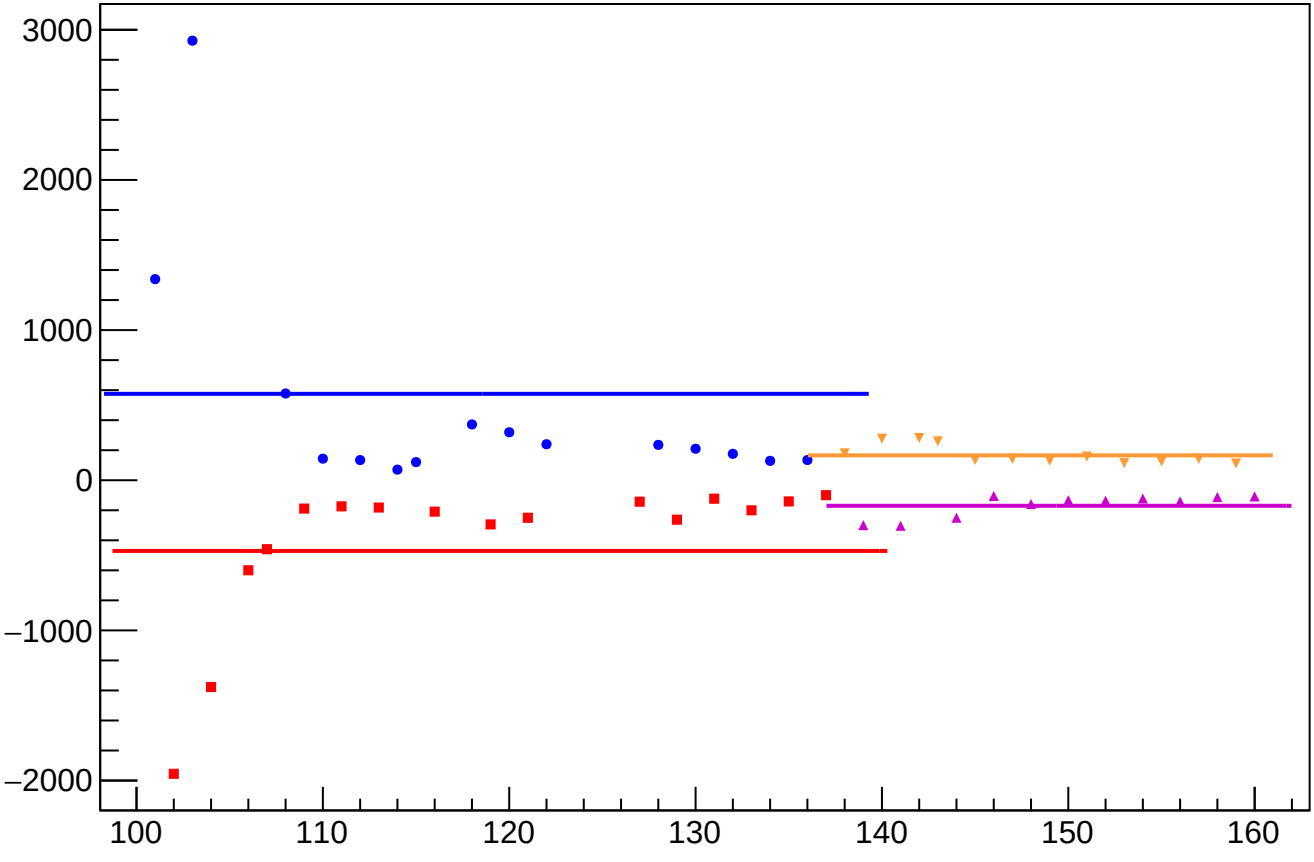
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15

Out: -405.681+/-0.000 χ^2/NDF:144296408406793

Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10

All: 14.712+/-0.000 χ^2/NDF: 3607859864595

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Left: -2.772+/-0.000 χ^2/NDF: 59856871669409725

Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14

Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510

Left Out: 165.815+/-0.000 χ^2/NDF:307773236232955660542687786866363 5968.0/11

In: 137.546+/-0.000 χ^2/NDF:6494694160664590 0

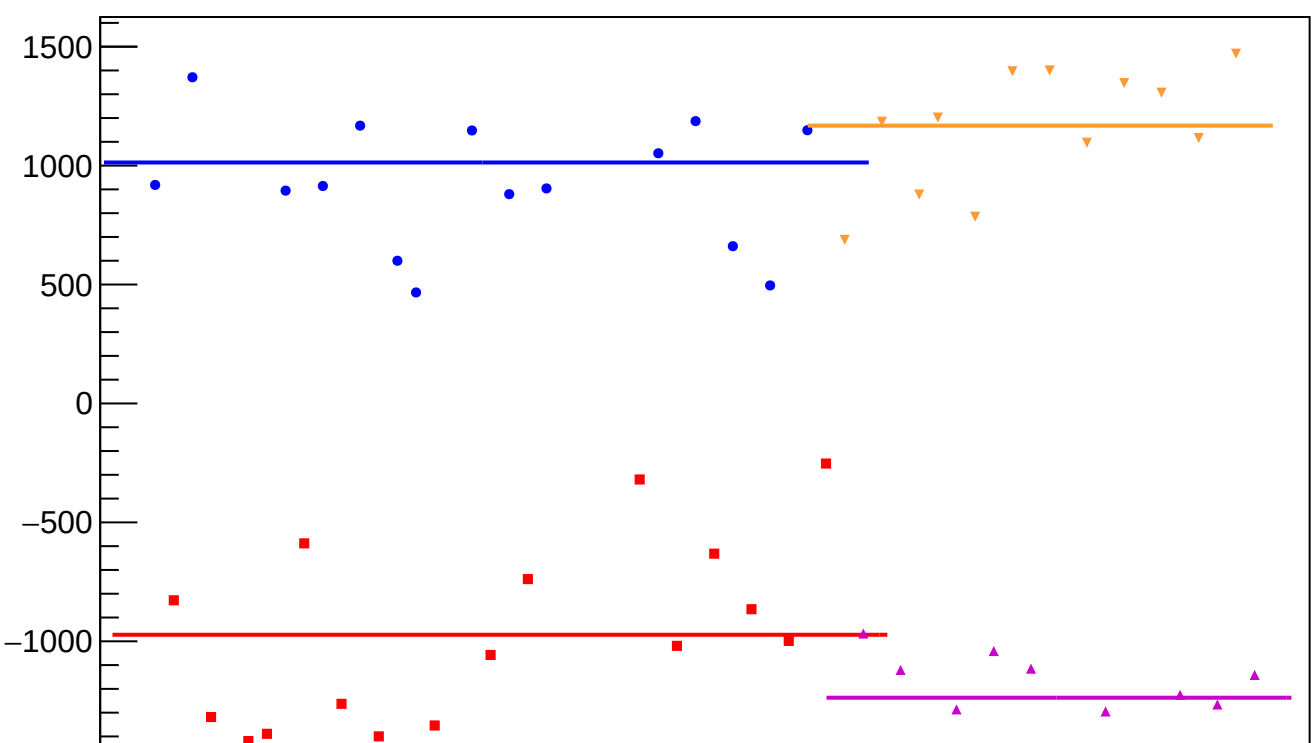
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15

Out: -102.219+/-0.000 χ^2/NDF:368839746141427

Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465 3952.0/10

All: 17.246+/-0.000 χ^2/NDF: 1063680518716

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

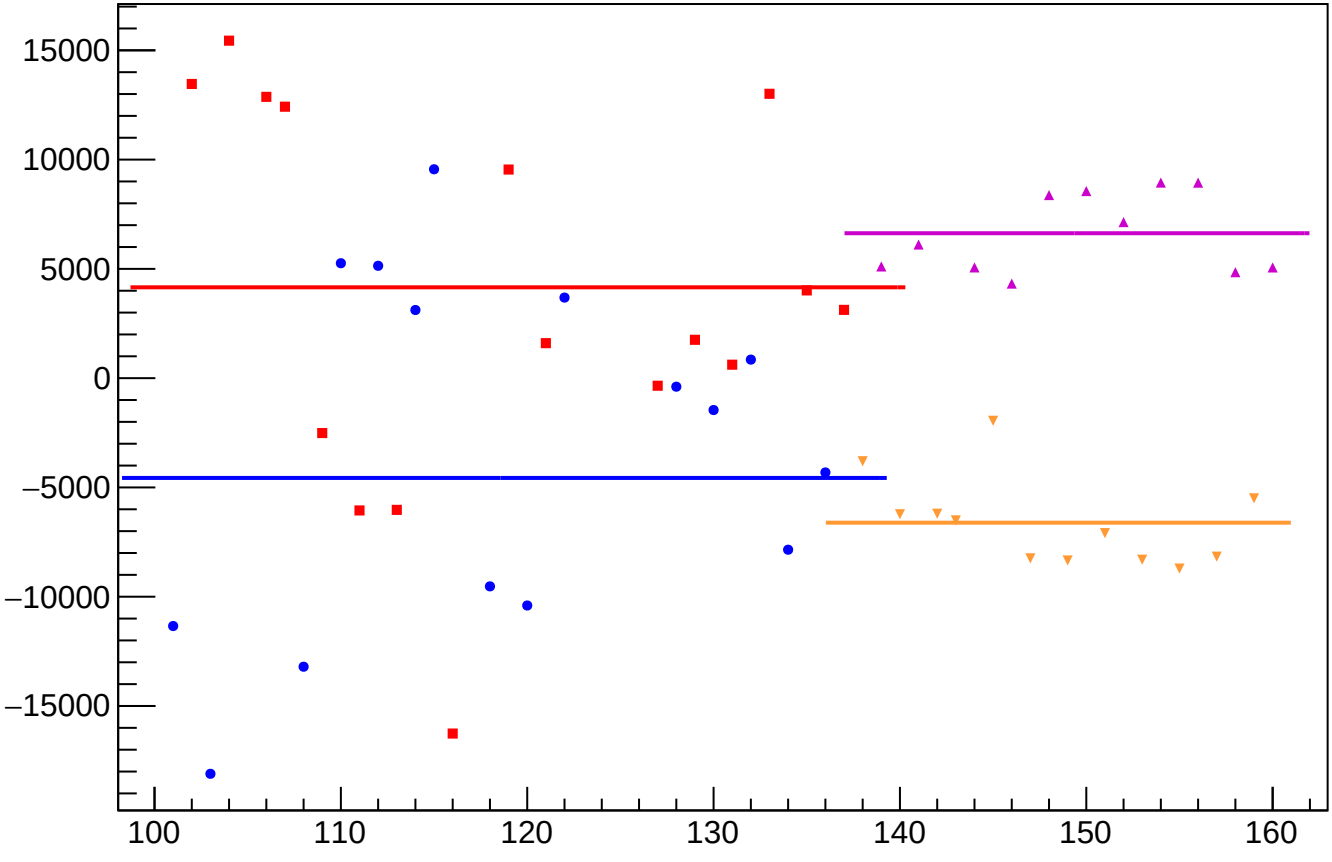
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

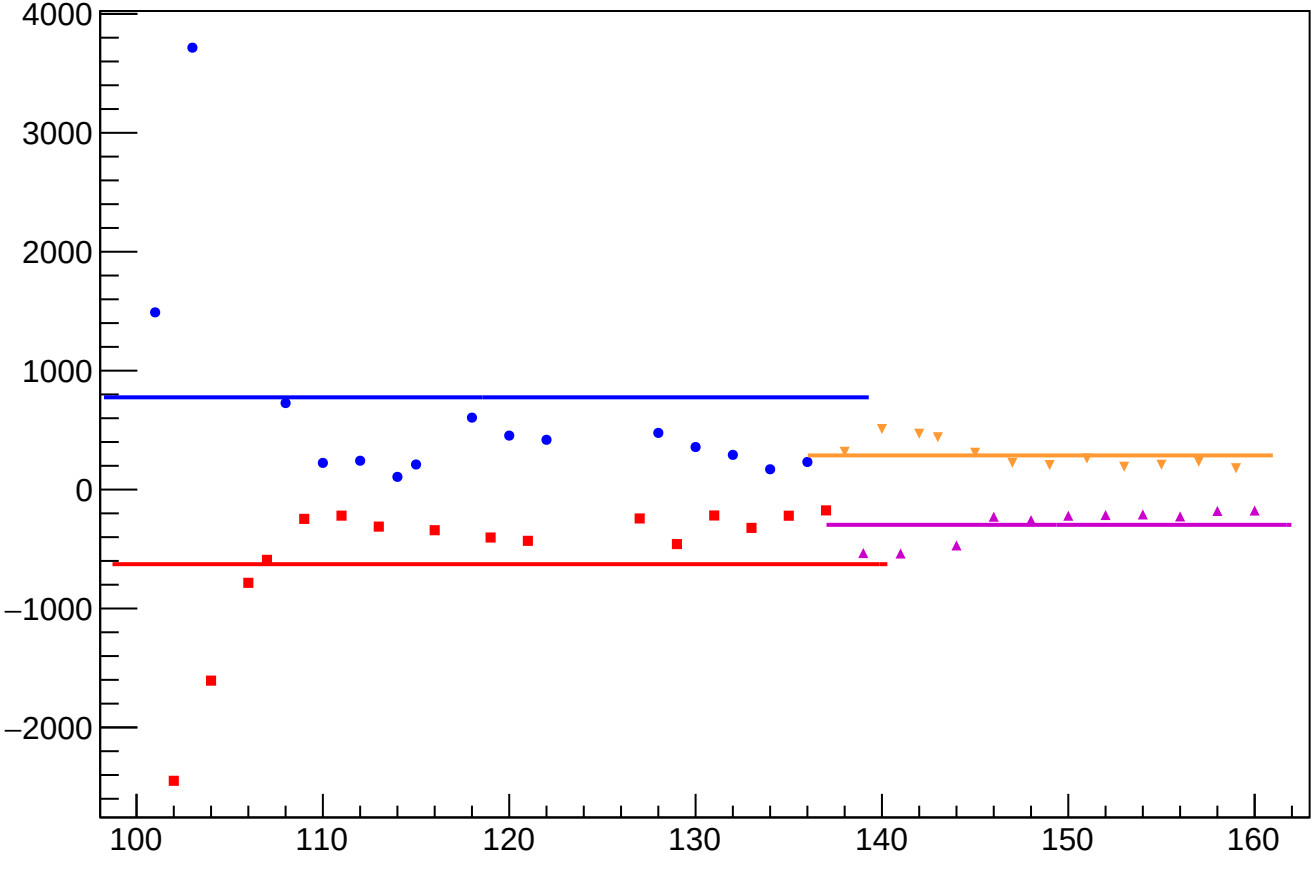
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam4_coil6_mean vs Slug, Sign Corrected



Left: 34.492+/-0.000 χ^2/NDF: 8732093678832120
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6612.752+/-0.000 χ^2/NDF:3759909720266492863199038301551573598208.0/11
In: 2011.723+/-0.000 χ^2/NDF:8629308418563650
Right Out: 4156.859+/-0.000 χ^2/NDF: 4553945544165992715770844309993068219596 8.0/15
Out: -2077.821+/-0.000 χ^2/NDF:94085131574045
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.174+/-0.000 χ^2/NDF: 193577765063

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: -5.726+/-0.000 χ^2/NDF: 18447893607708416

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 287.283+/-0.000 χ^2/NDF:105574670743417735594790697446167019 52.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

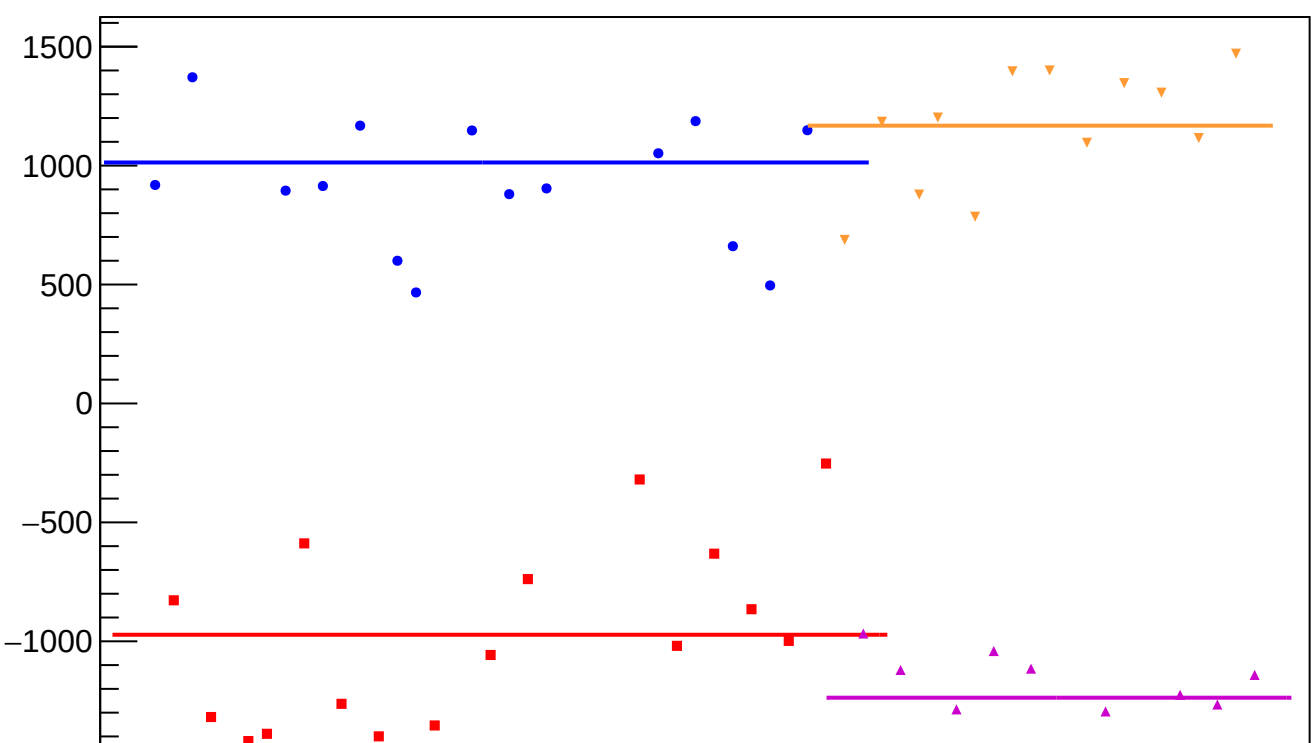
Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -97.841+/-0.000 χ^2/NDF:6310731224648516

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.614+/-0.000 χ^2/NDF: 177526879644

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

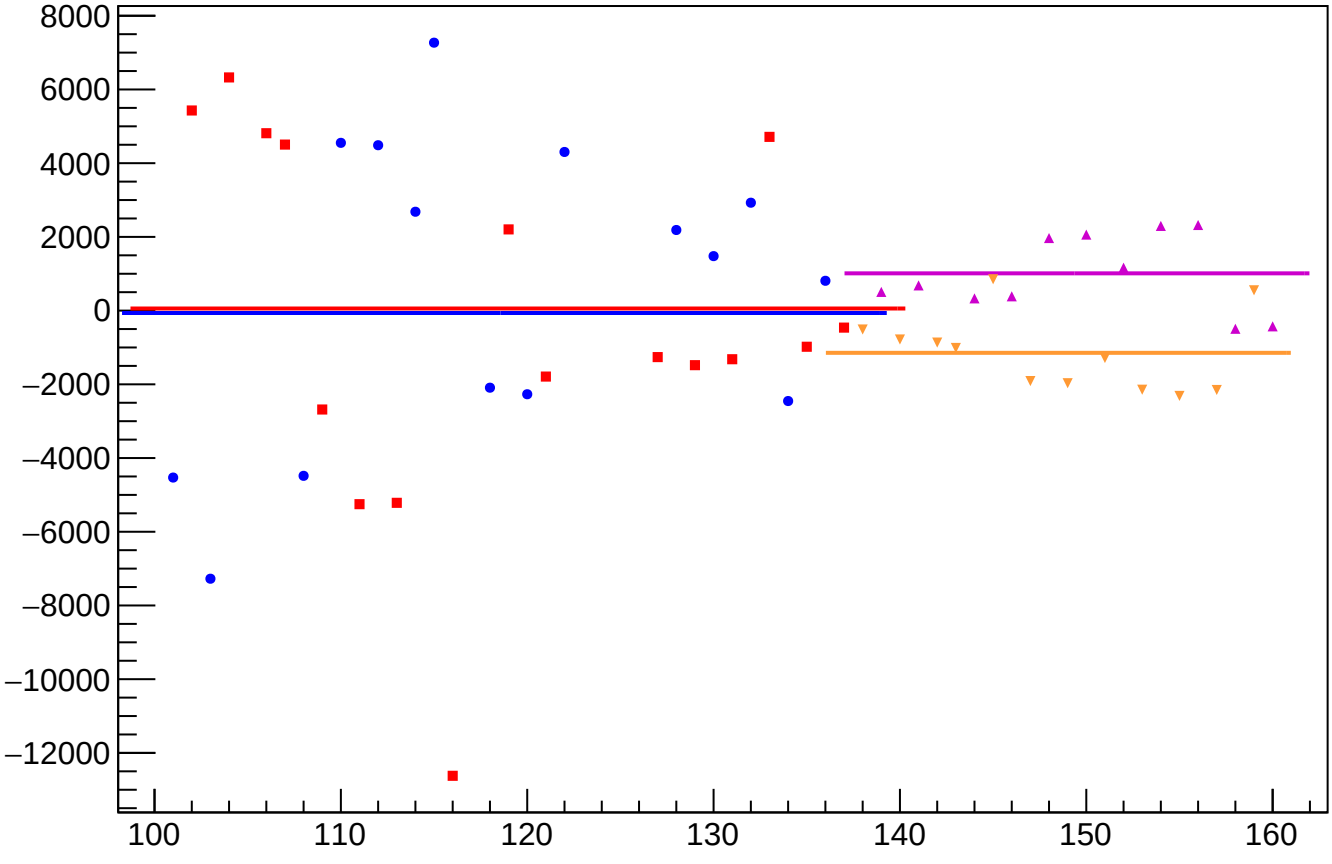
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam5_coil6_mean vs Slug, Sign Corrected



Left: -62.897+/-0.000 χ^2/NDF: 4023465165308589

Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14

Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095

Left Out: -1145.277+/-0.000 χ^2/NDF:97907559634952082197435089781384019968 0.0/11

In: 567.326+/-0.000 χ^2/NDF:1095954142307667

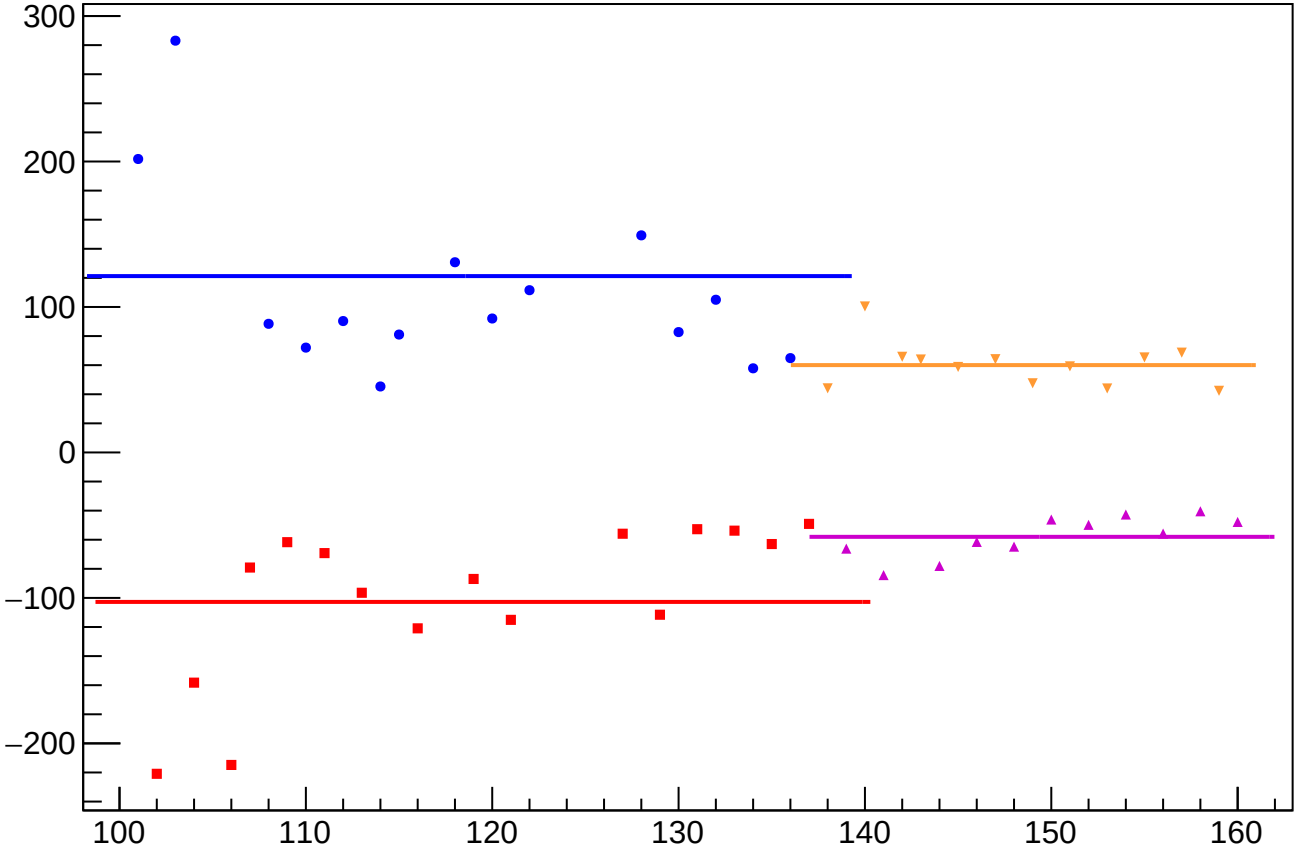
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15

Out: -638.919+/-0.000 χ^2/NDF:153183947889426

Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10

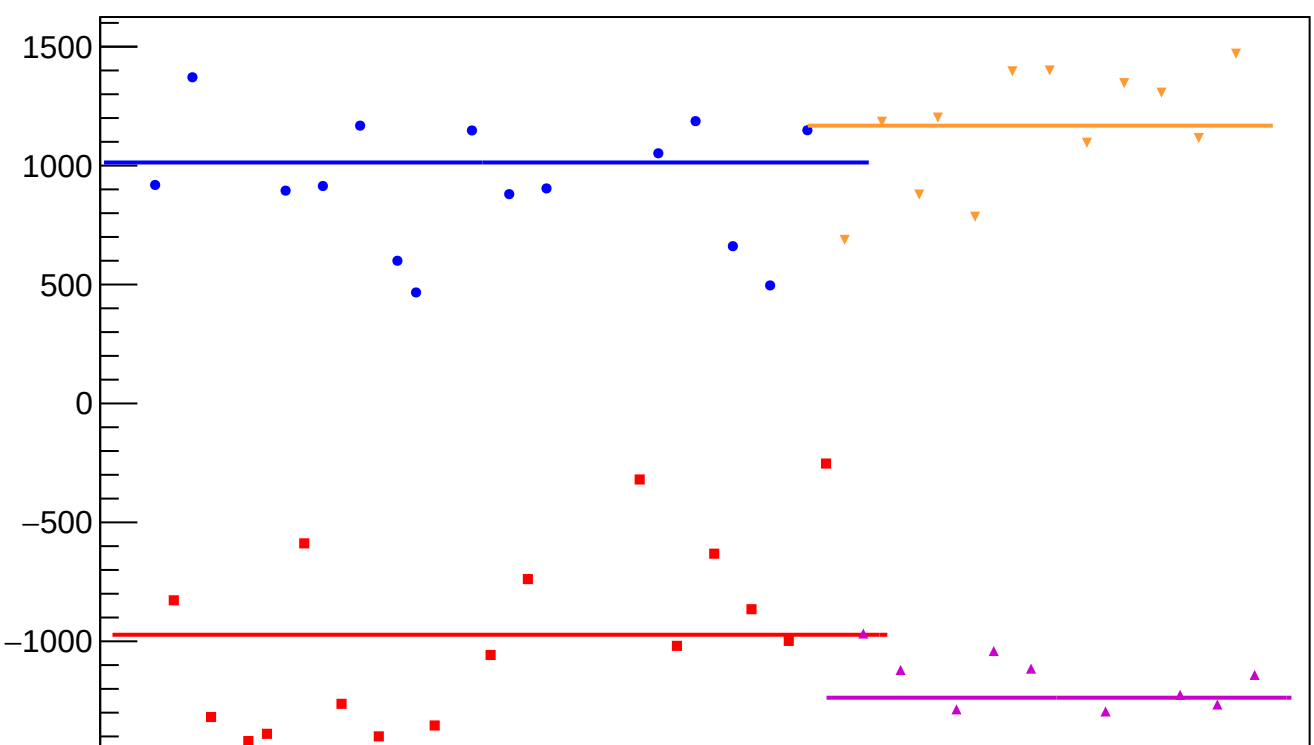
All: -37.898+/-0.000 χ^2/NDF: 274263018049

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Left: 0.791+/-0.000 χ^2/NDF: 68167808461143865
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.042+/-0.000 χ^2/NDF:225194152627424805036116621962248192.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.507+/-0.000 χ^2/NDF:12425831017790004
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.674+/-0.000 χ^2/NDF: 28045703074646

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

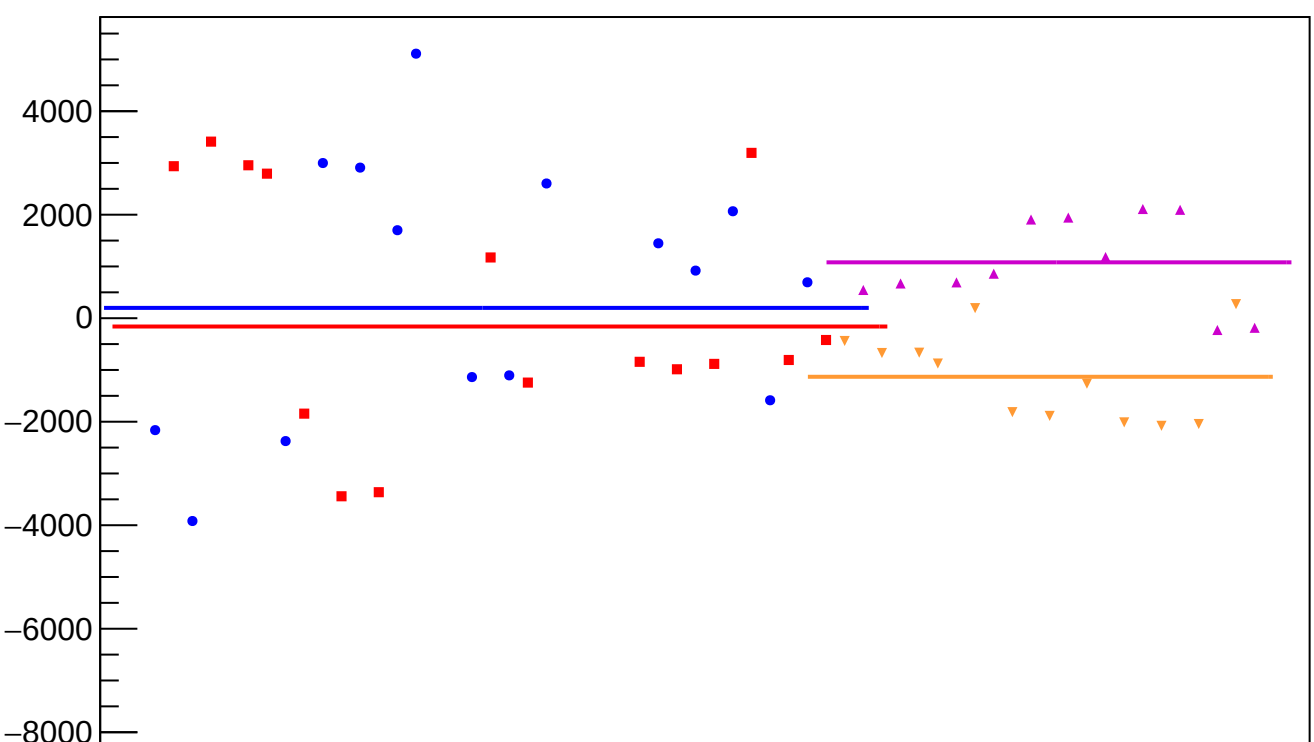
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

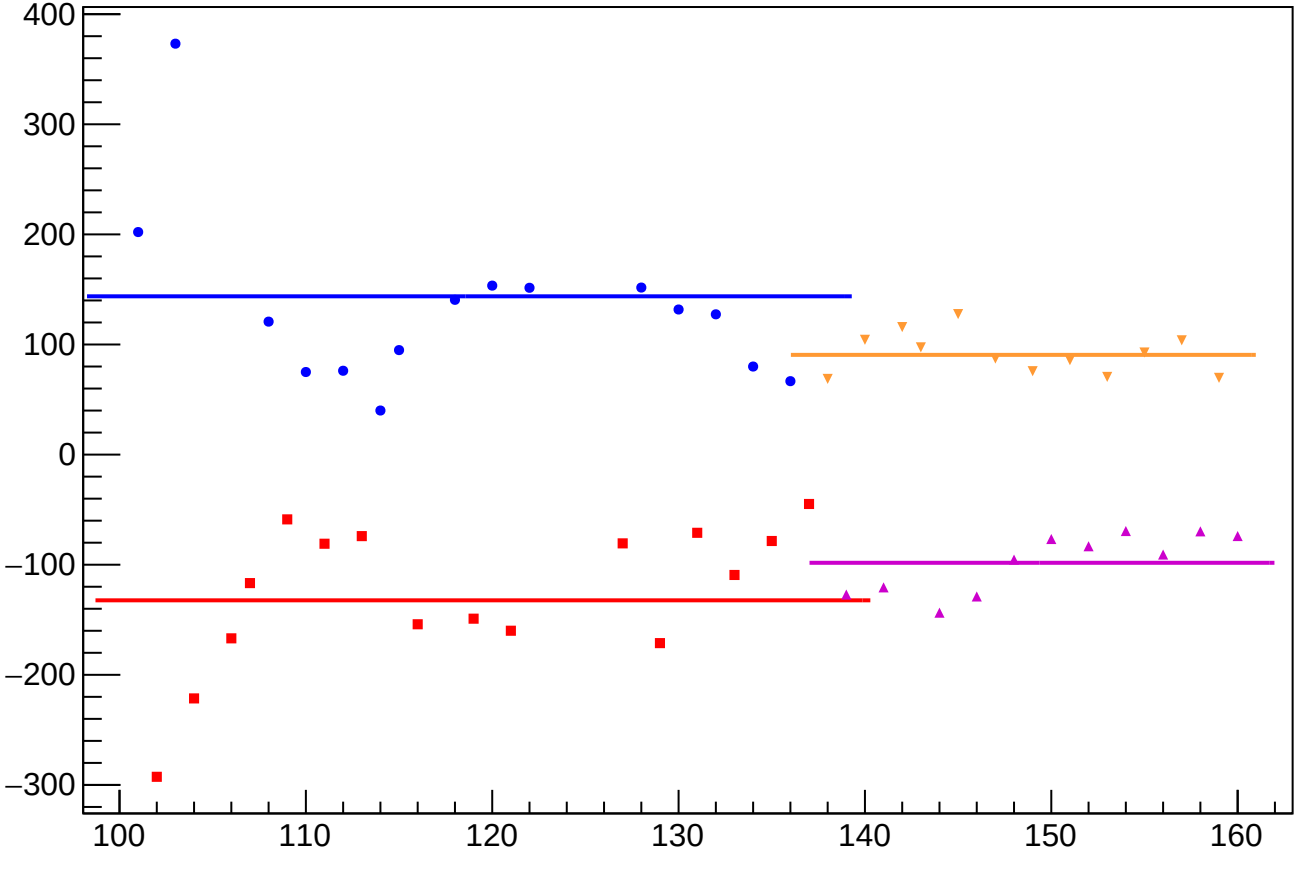
All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam6_coil6_mean vs Slug, Sign Corrected



Left: -21.889+/-0.000 χ^2/NDF: 3523677908409777
Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14
Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185
Left Out: -1131.740+/-0.000 χ^2/NDF:6584346101698590567097339782647963975 68.0/11
In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8
Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15
Out: -722.770+/-0.000 χ^2/NDF:670324669914514
Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10
All: -5.664+/-0.000 χ^2/NDF: 1251621104913

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -4.195+/-0.000 χ^2/NDF: 17333934091719658

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.584+/-0.000 χ^2/NDF:300208511037372941883923935499649024.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

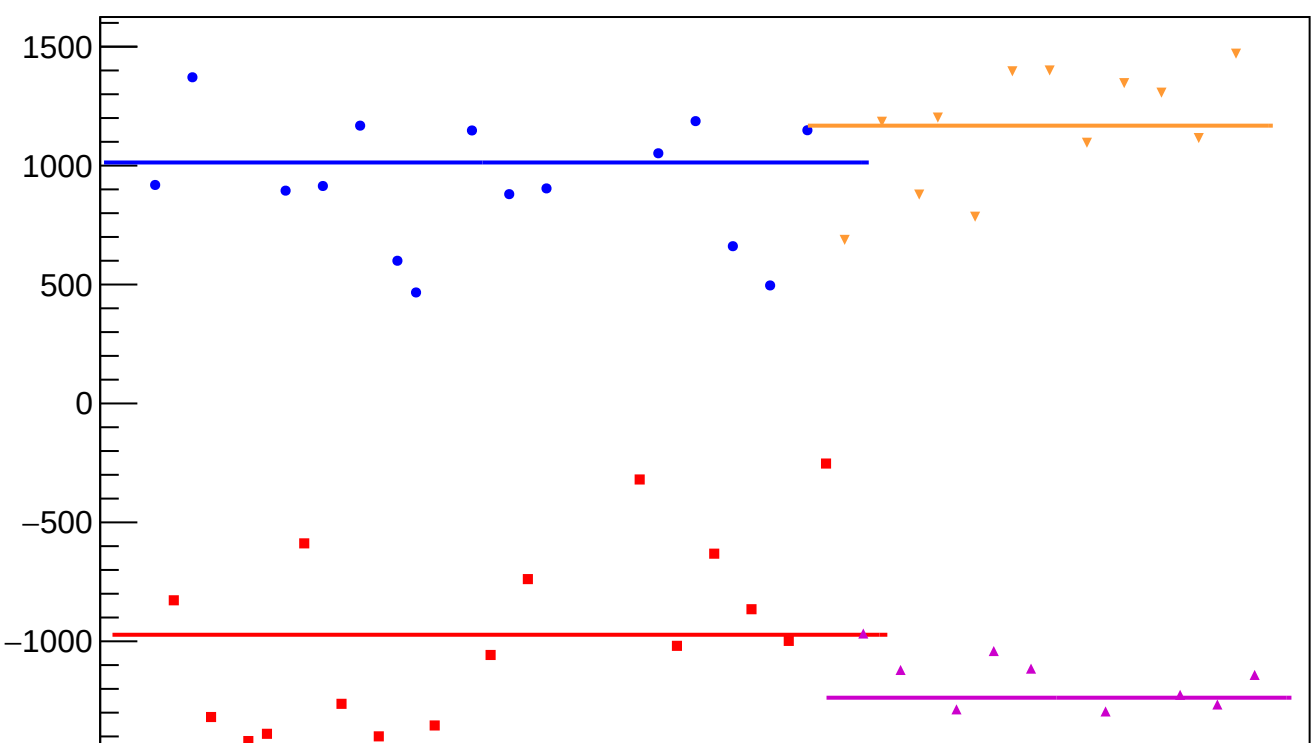
Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.286+/-0.000 χ^2/NDF:22663513410864161

Left In: -98.257+/-0.000 χ^2/NDF:620993776773093393033369428470792192.0/10

All: -0.853+/-0.000 χ^2/NDF: 5014829337749

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275652505 6.0/11

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: -39.161+/-0.000 χ^2/NDF: 2747267695574641

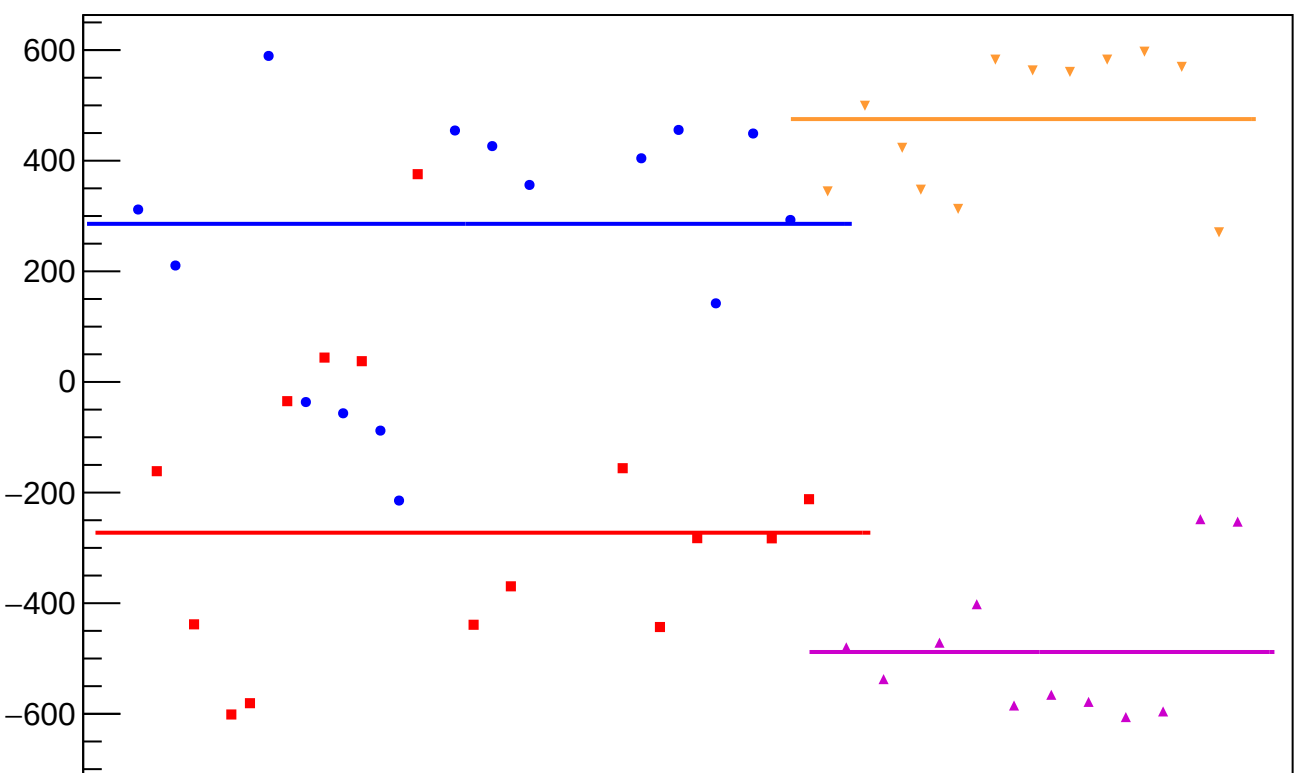
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam7_coil6_mean vs Slug, Sign Corrected



Left: -8.316+/-0.000 χ^2/NDF: 45410418024076154

Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14

Right: 2.840+/-0.000 χ^2/NDF: 17082276741945895

Left Out: 475.235+/-0.000 χ^2/NDF:1307081868746512687407548052152306892 8.0/11

In: -168.836+/-0.000 χ^2/NDF:2663585226046871

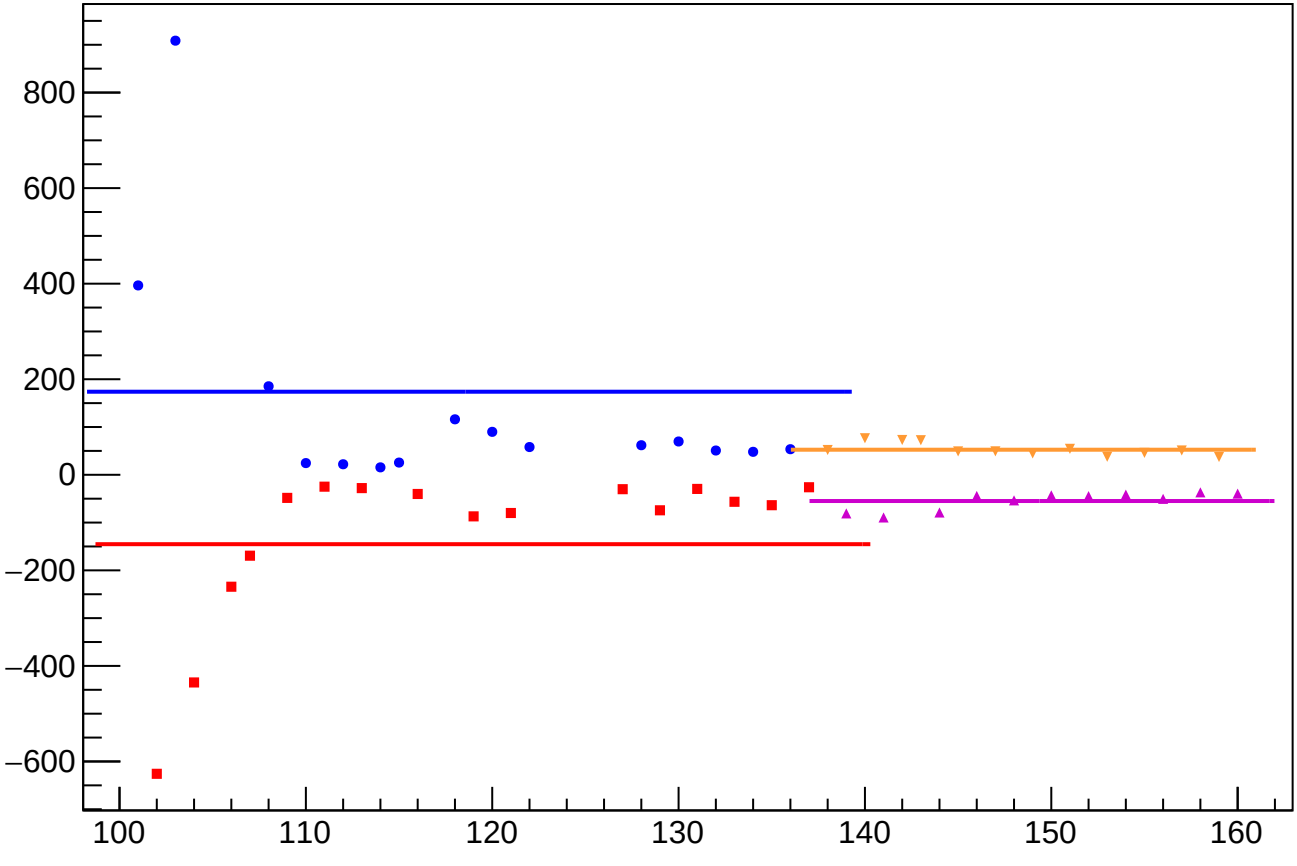
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15

Out: 160.358+/-0.000 χ^2/NDF:273134699643397 9

Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10

All: -3.665+/-0.000 χ^2/NDF: 6250224533135

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: -1.408+/-0.000 χ^2/NDF: 57476296462672576

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.484+/-0.000 χ^2/NDF:14098252231235537526648380267167744 0.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

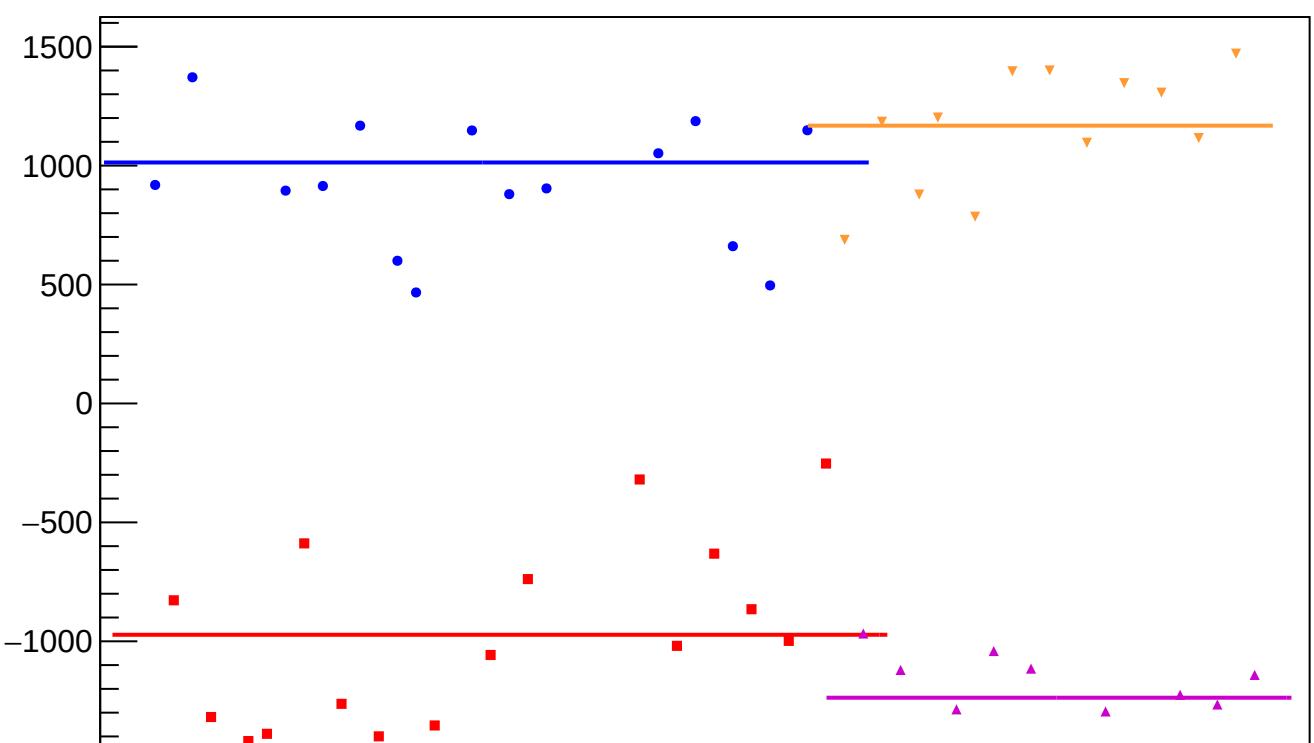
Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.770+/-0.000 χ^2/NDF:3776461617850606

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.239+/-0.000 χ^2/NDF: 1036174397466 2

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

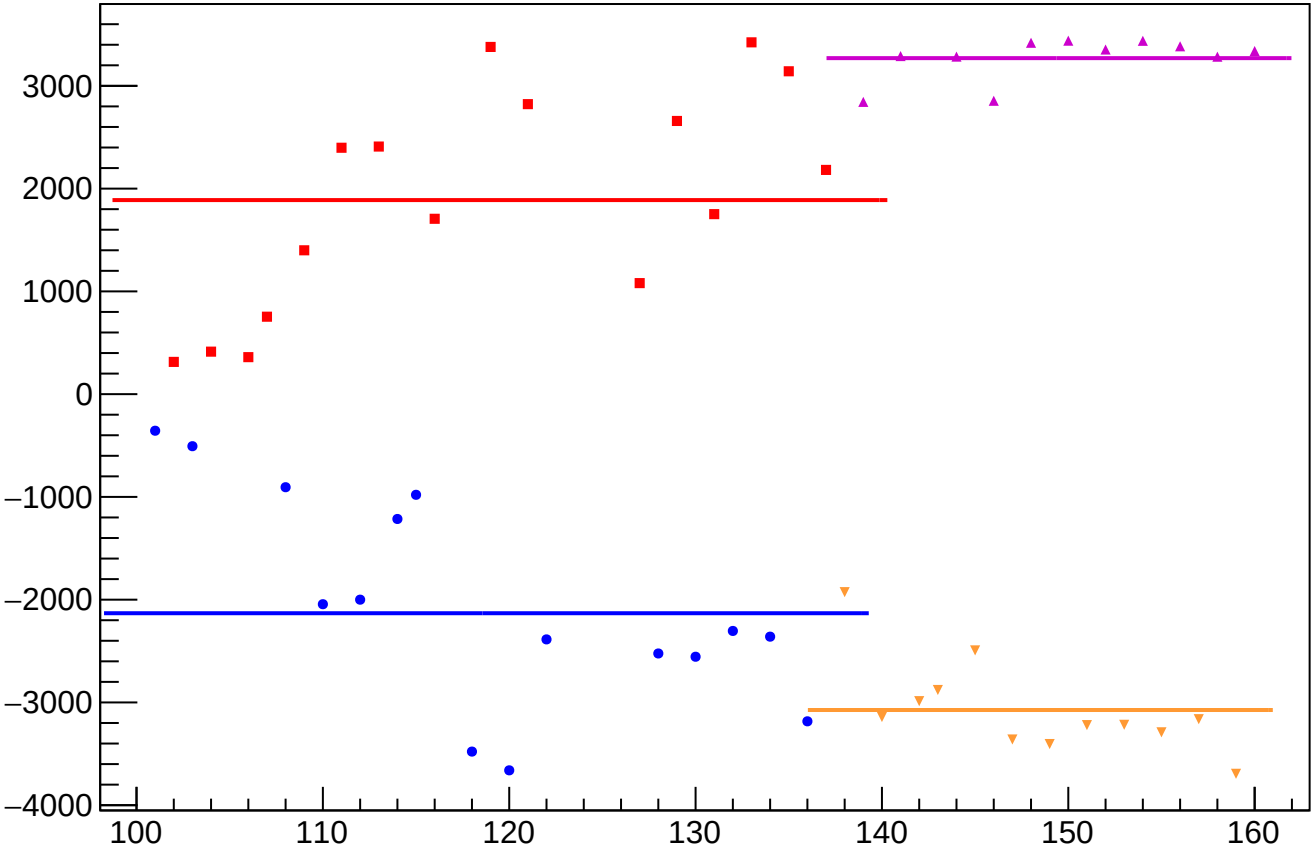
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_sam8_coil6_mean vs Slug, Sign Corrected



Left: 110.117+/-0.000 χ^2/NDF: 1874506217921654

Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14

Right: -94.234+/-0.000 χ^2/NDF: 683113062504059

Left Out: -3073.640+/-0.000 χ^2/NDF:1873855824368527837793696110009940705 28.0/11

In: 1041.098+/-0.000 χ^2/NDF:1188405782367471

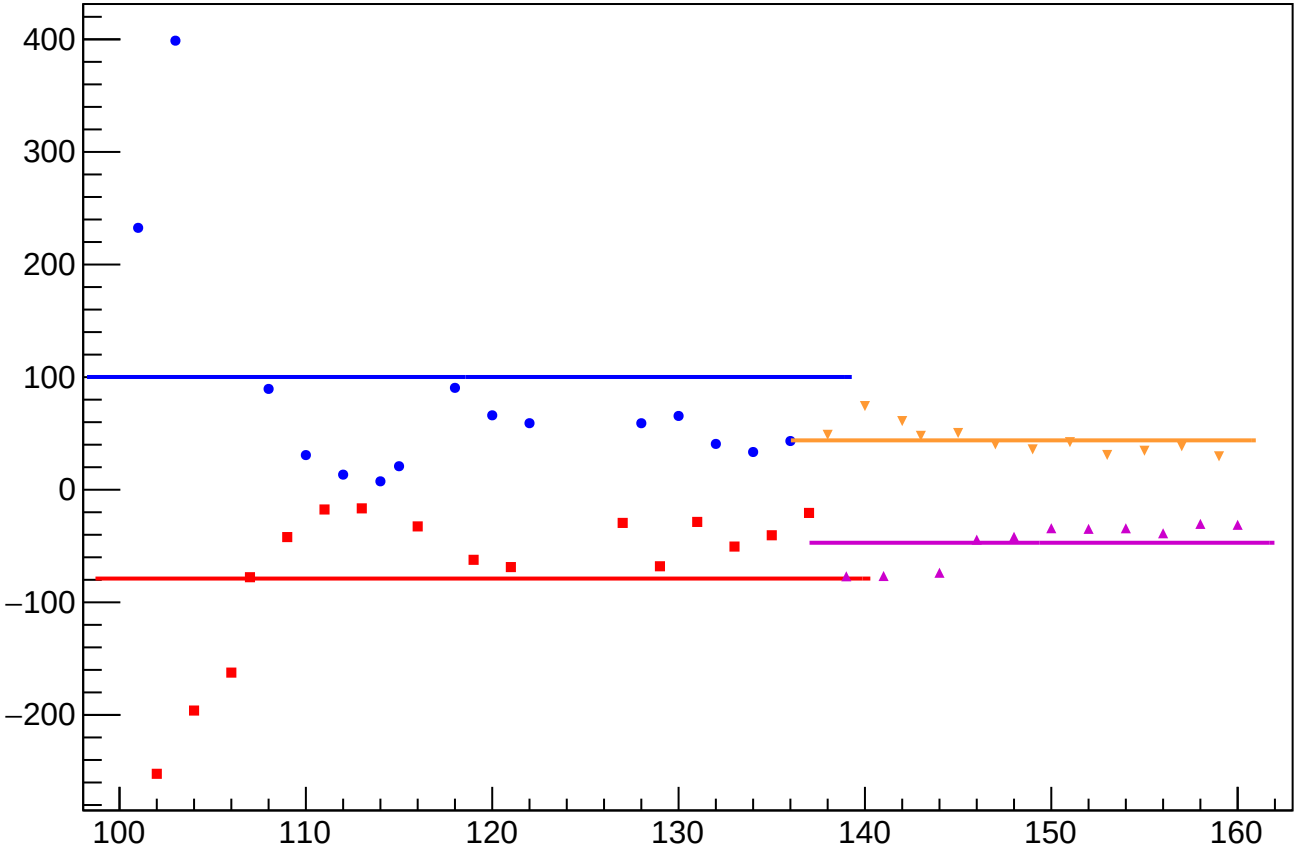
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15

Out: -984.175+/-0.000 χ^2/NDF:104869294967123

Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121 6256.0/10

All: 24.933+/-0.000 χ^2/NDF: 2560823987852

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Left Out: 43.850+/-0.000 χ^2/NDF:1419169669218025909826122649666846 72.0/11

Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

Left: -1.794+/-0.000 χ^2/NDF: 4250943762759026 4

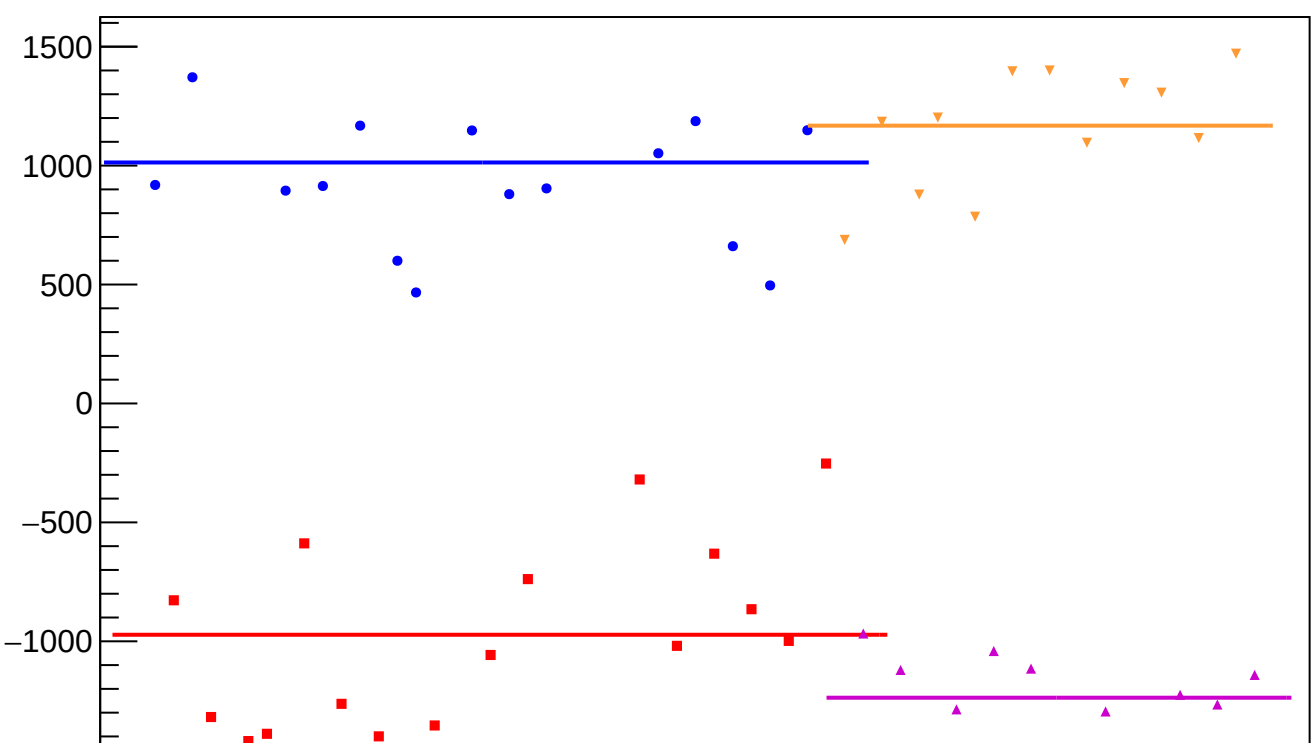
Right: 9.403+/-0.000 χ^2/NDF: 2188047710040254 1

In: 13.652+/-0.000 χ^2/NDF:1638001293624855 55

Out: -7.830+/-0.000 χ^2/NDF:9483401834976026 8

All: 2.873+/-0.000 χ^2/NDF: 2622763108466 7

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Left: -39.161+/-0.000 χ^2/NDF: 2747267695574641

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1167.974+/-0.000 χ^2/NDF:5461013878387043094640520569275 6525056.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

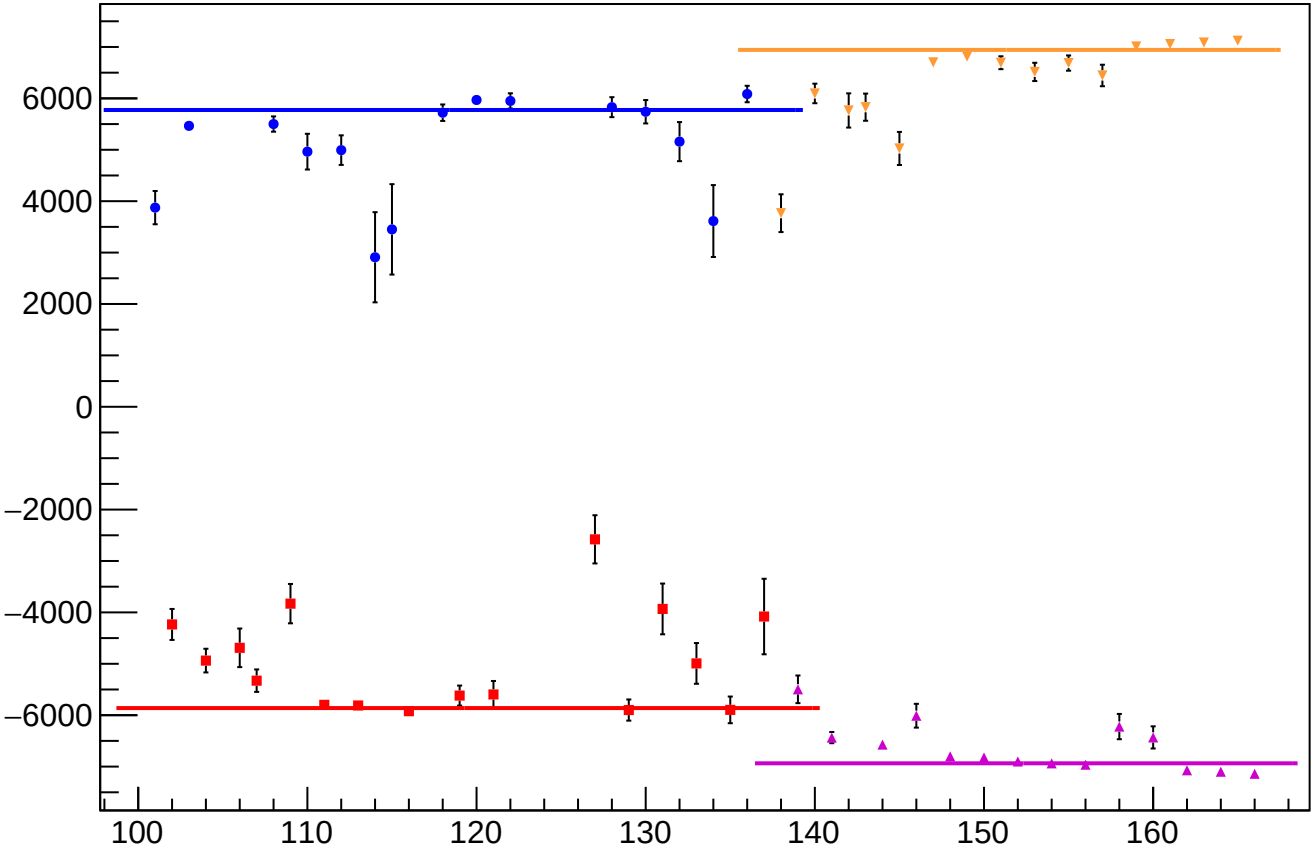
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546 8234752.0/15

Out: 266.665+/-0.000 χ^2/NDF:190256671935488 9

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022 3672320.0/10

All: -20.018+/-0.000 χ^2/NDF: 415638151623

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6943.326+/-0.206 χ^2/NDF:339660.8/14

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -6936.103+/-0.147 χ^2/NDF:584144.7/13

Left: -2253.134+/-0.120 χ^2/NDF: 2996599616.0/28

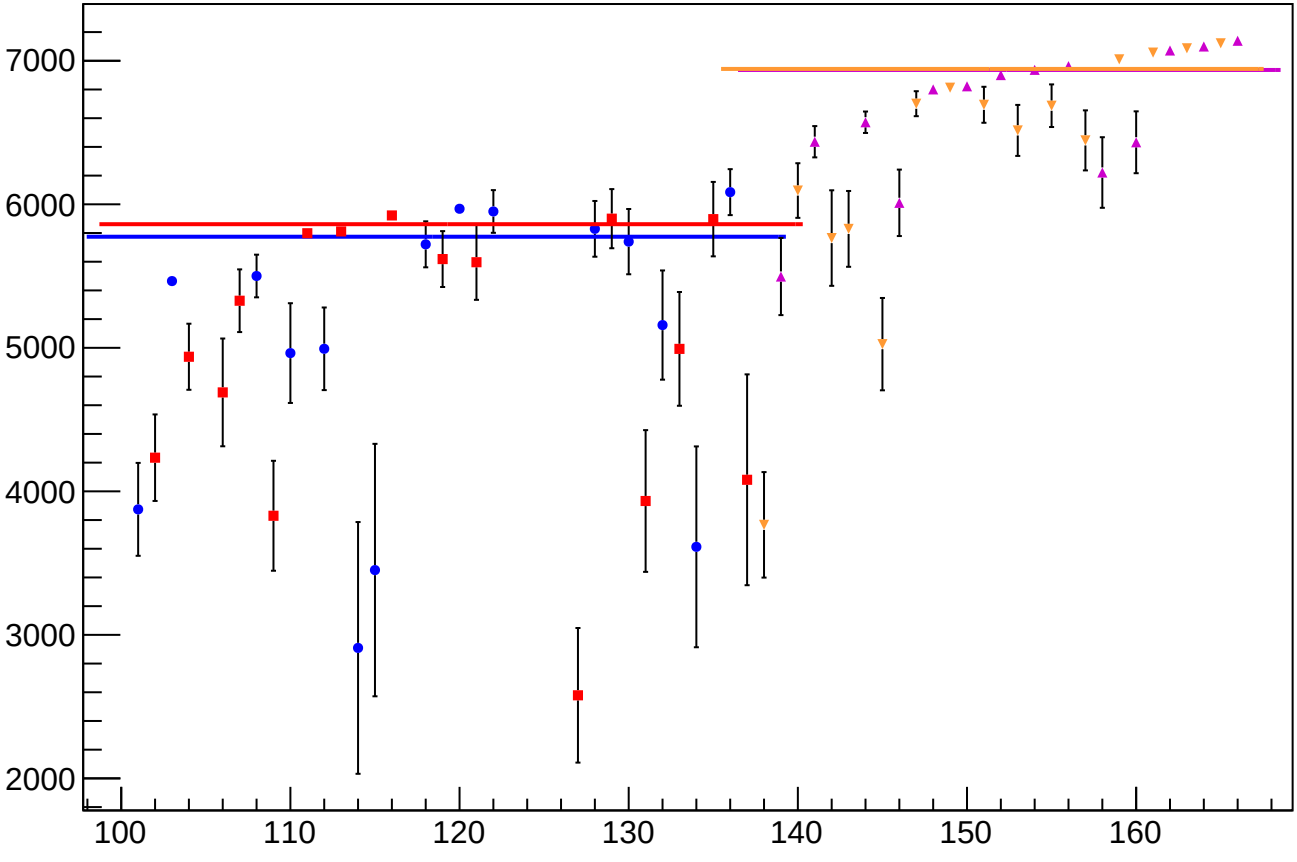
Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -1887.457+/-0.114 χ^2/NDF:2959948023.3/28

Out: -1843.834+/-0.116 χ^2/NDF:2641245937.2/30

All: -1865.885+/-0.081 χ^2/NDF: 5601265914

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 6943.326+/-0.206 χ^2/NDF:339660.8/14

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 6936.103+/-0.147 χ^2/NDF:584144.7/13

Left: 6938.540+/-0.120 χ^2/NDF: 924616.8/28

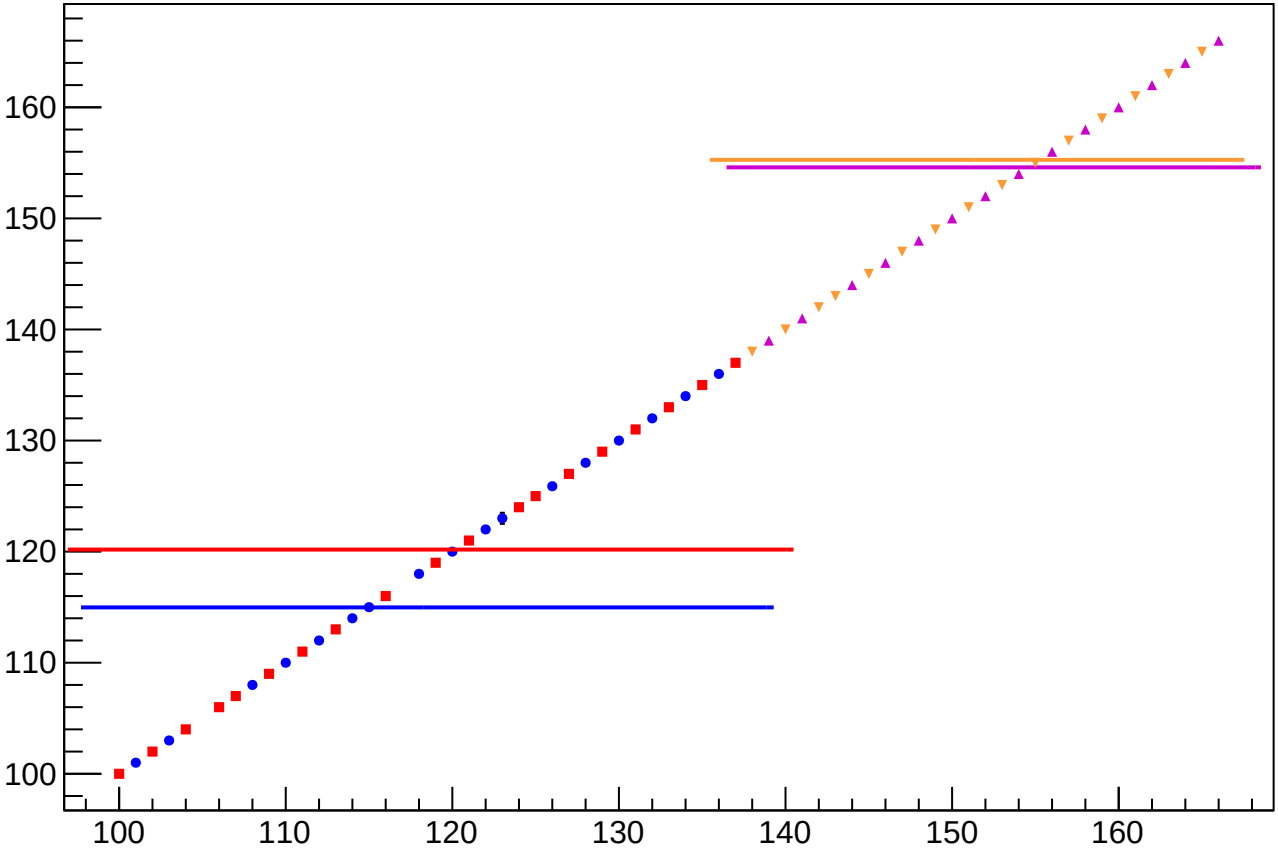
Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6474.549+/-0.114 χ^2/NDF:27131376.2/28

Out: 6200.907+/-0.116 χ^2/NDF:19370255.1/30

All: 6339.229+/-0.081 χ^2/NDF: 49332892.8/5

dit_slug_slope vs Slug, Sign Corrected



Left: 154.906+/-0.000 χ^2/NDF: 803914574030958

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.096+/-0.000 χ^2/NDF: 180832885295768

Left Out: 155.271+/-0.000 χ^2/NDF:476323810571608587412660163706 88.0/14

In: 128.720+/-0.000 χ^2/NDF:9481257976530759

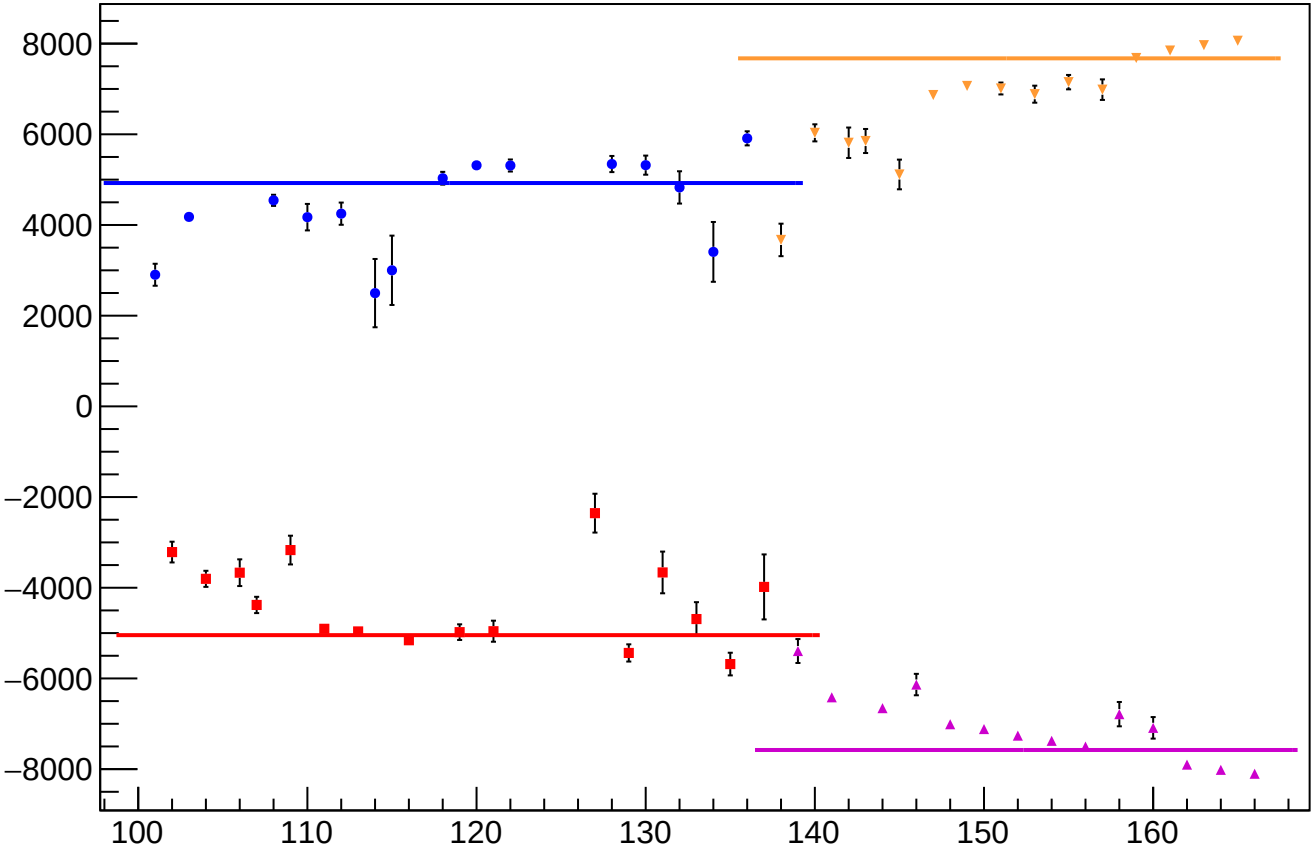
Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Out: 134.189+/-0.000 χ^2/NDF:596150282372671

Left In: 154.594+/-0.000 χ^2/NDF:3259329891363607769150170071 0400.0/13

All: 131.053+/-0.000 χ^2/NDF: 15731084927

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7674.853+/-0.746 χ^2/NDF:261907.1/14

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -7577.929+/-0.582 χ^2/NDF:492849.0/13

Left: -1809.225+/-0.459 χ^2/NDF: 260947641.1/28

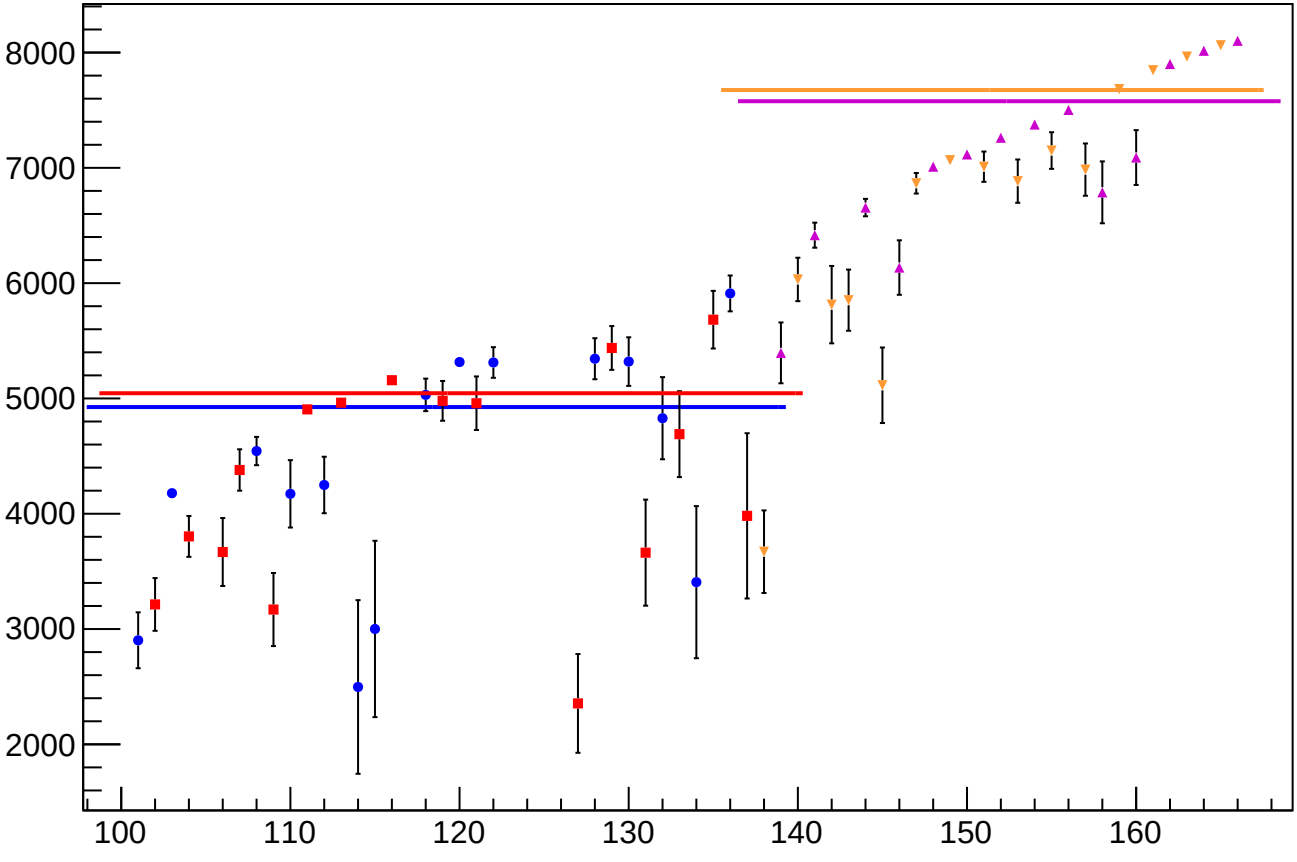
Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -4110.277+/-0.494 χ^2/NDF:129035043.5/28

Out: 616.860+/-0.497 χ^2/NDF:161773345.8/30

All: -1761.592+/-0.351 χ^2/NDF: 336239910.1

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 7674.853+/-0.746 χ^2/NDF:261907.1/14

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 7577.929+/-0.582 χ^2/NDF:492849.0/13

Left: 7614.587+/-0.459 χ^2/NDF: 765262.7/28

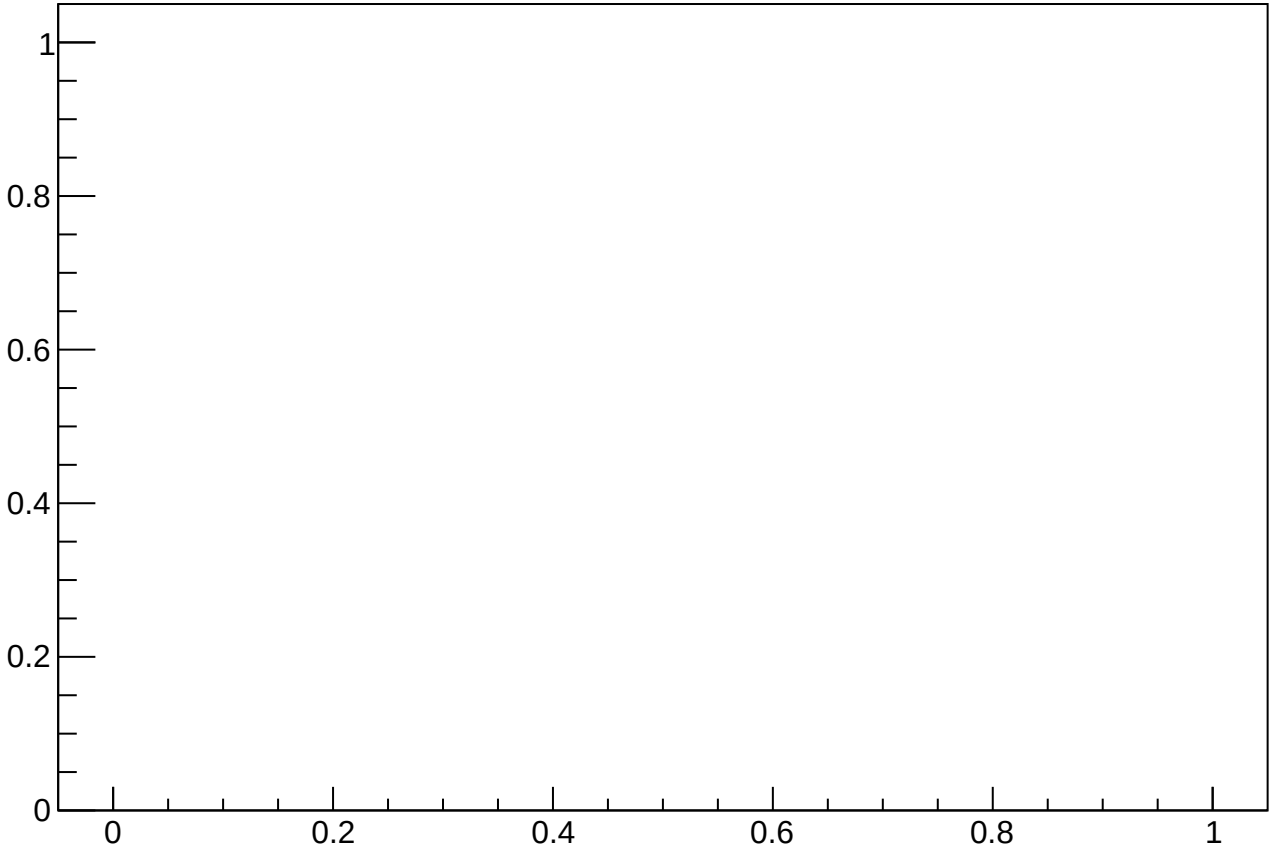
Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 6842.249+/-0.494 χ^2/NDF:6594597.1/28

Out: 6215.748+/-0.497 χ^2/NDF:7193417.2/30

All: 6530.971+/-0.351 χ^2/NDF: 14586017.8/5

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

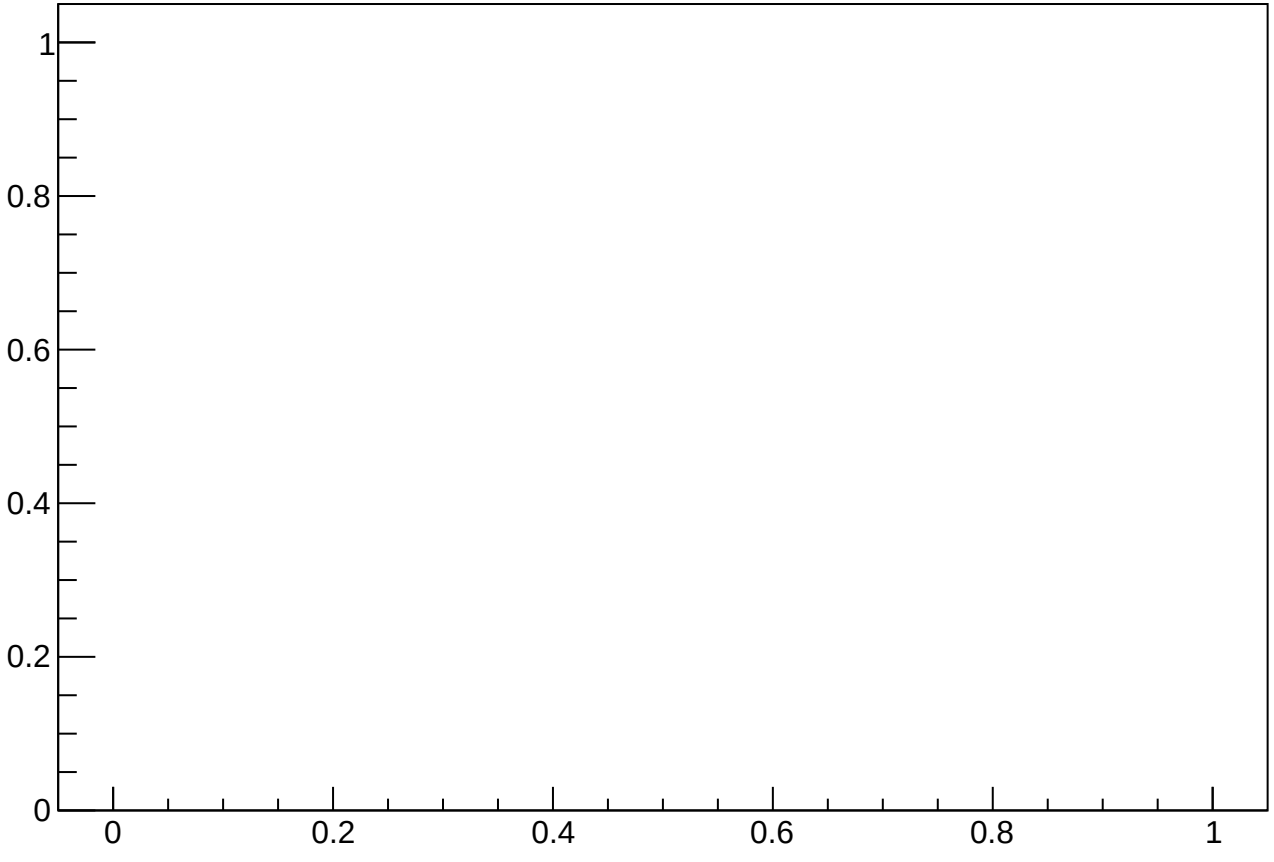
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

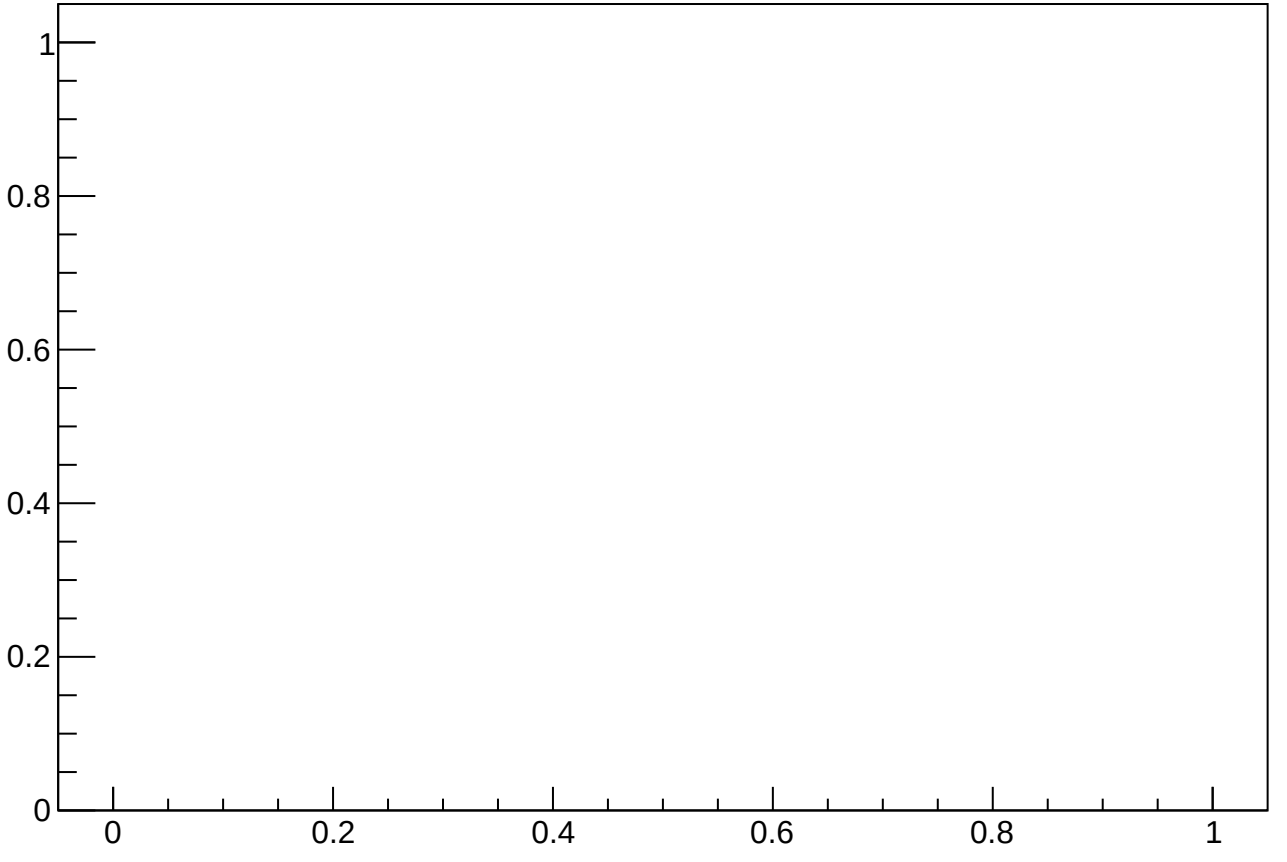
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

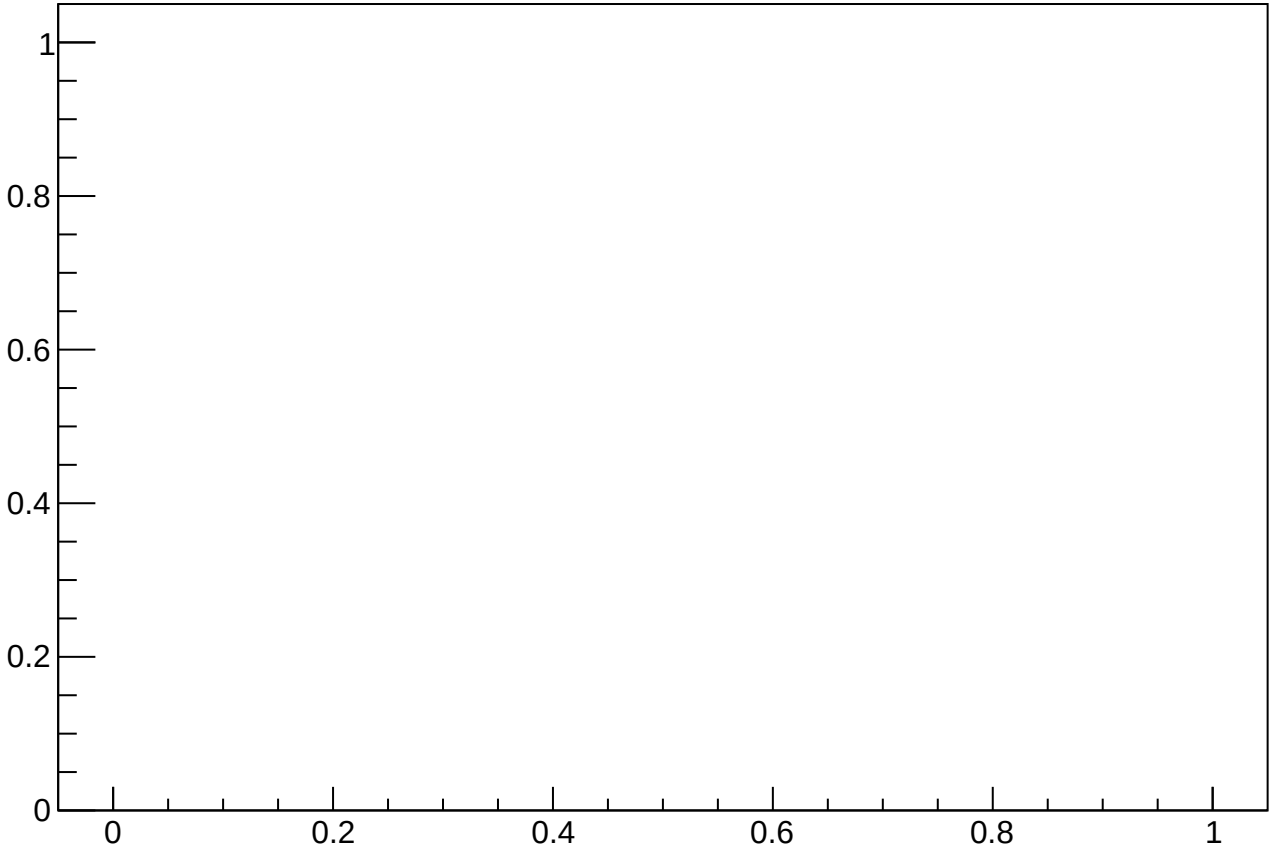
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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

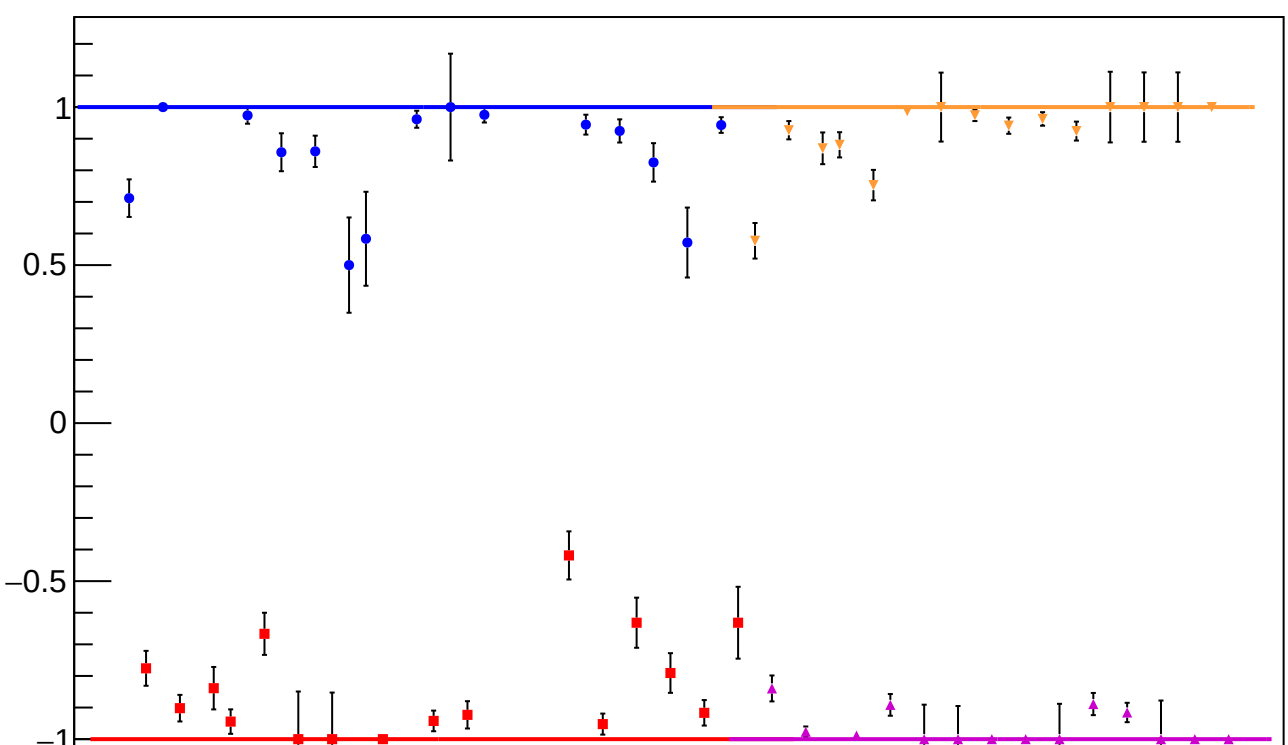
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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:122.6/14

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:1081.3/13

Left: -0.460+/-0.000 χ^2/NDF: 13976575968890735

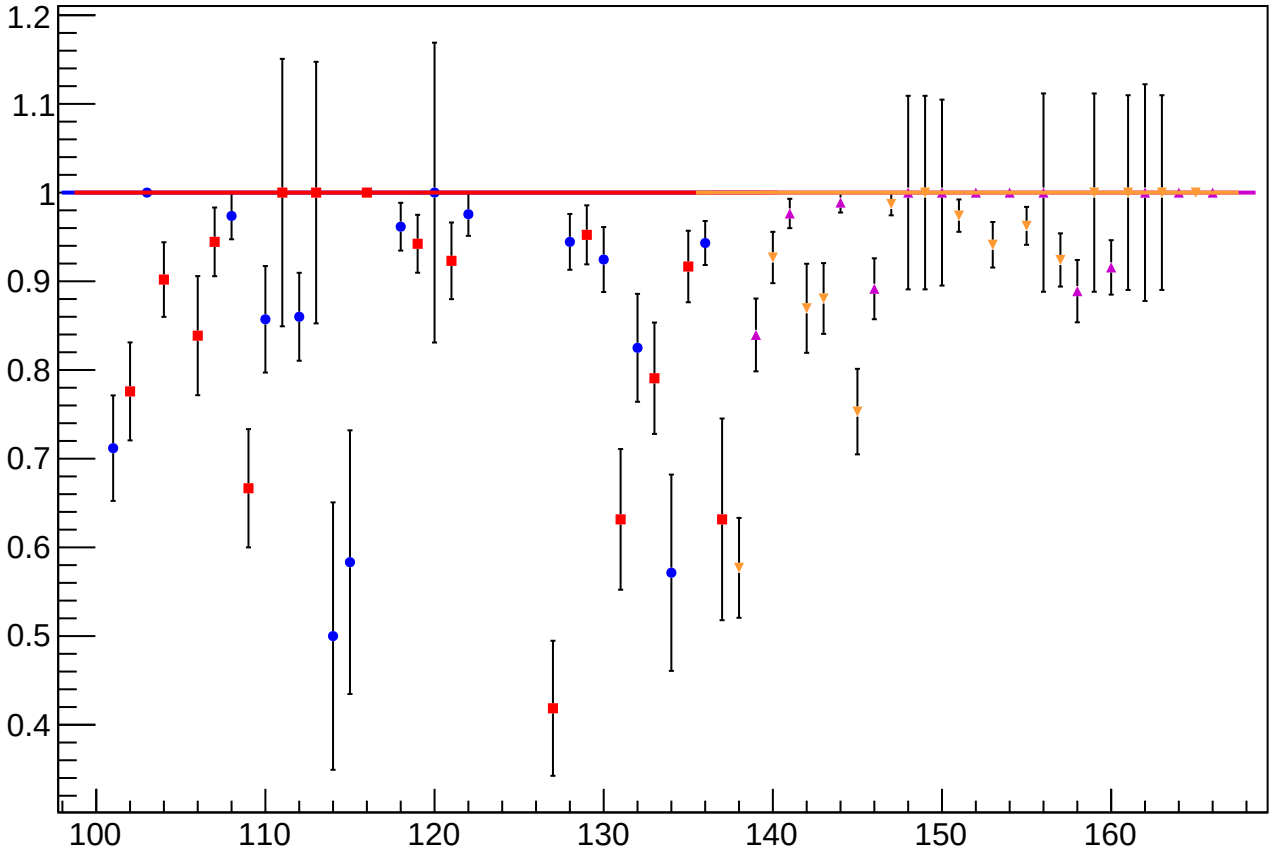
Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.833+/-0.000 χ^2/NDF:43133924423765883 8

Out: 0.808+/-0.000 χ^2/NDF:18339650063072009 0

All: -0.386+/-0.000 χ^2/NDF: 1652450509827

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:122.6/14

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:1081.3/13

Left: 1.000+/-0.000 χ^2/NDF: 387.9/28

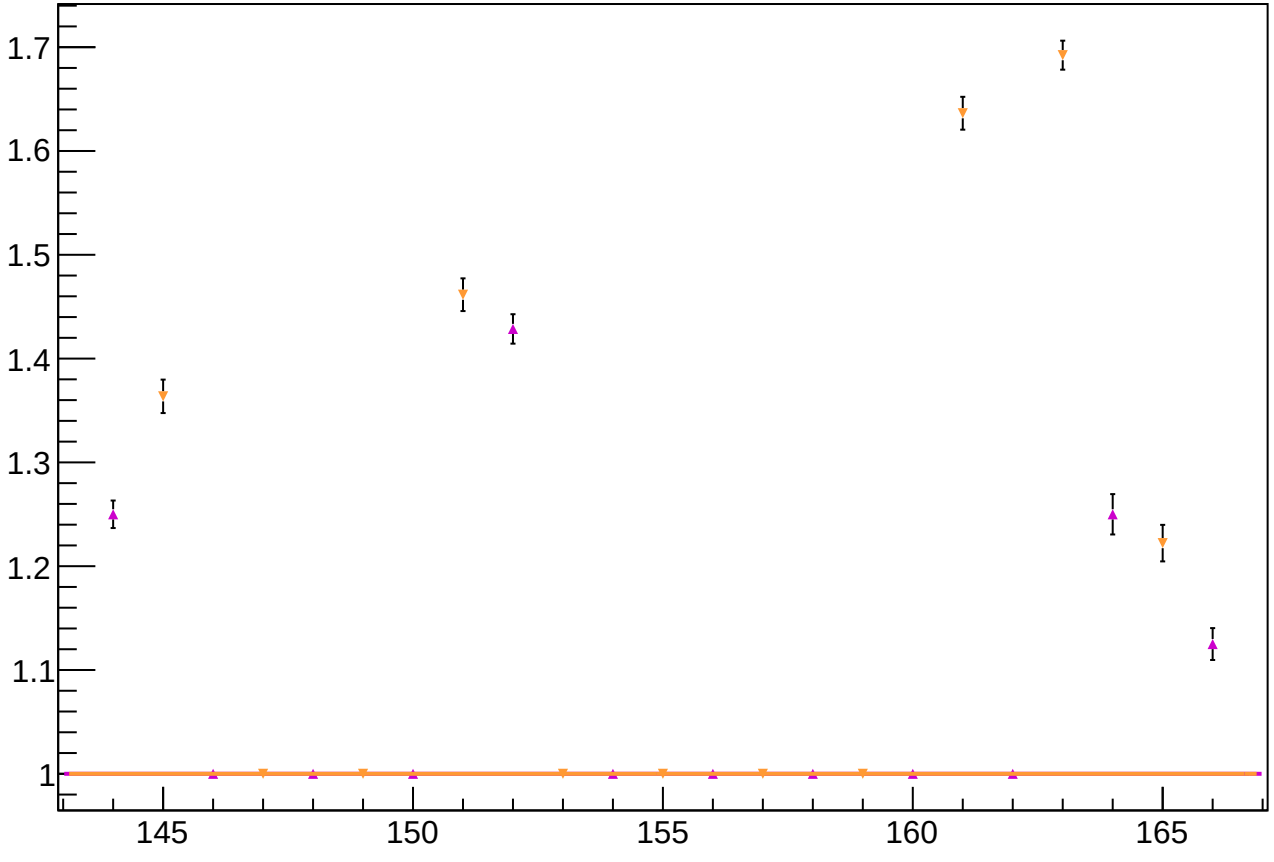
Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:491.7/28

Out: 1.000+/-0.000 χ^2/NDF:822.4/30

All: 1.000+/-0.000 χ^2/NDF: 839.4/59

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:6895.0/10

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

Left In: 1.000+/-0.000 χ^2/NDF:2162.1/11

Left: 1.000+/-0.000 χ^2/NDF: 8249.7/22

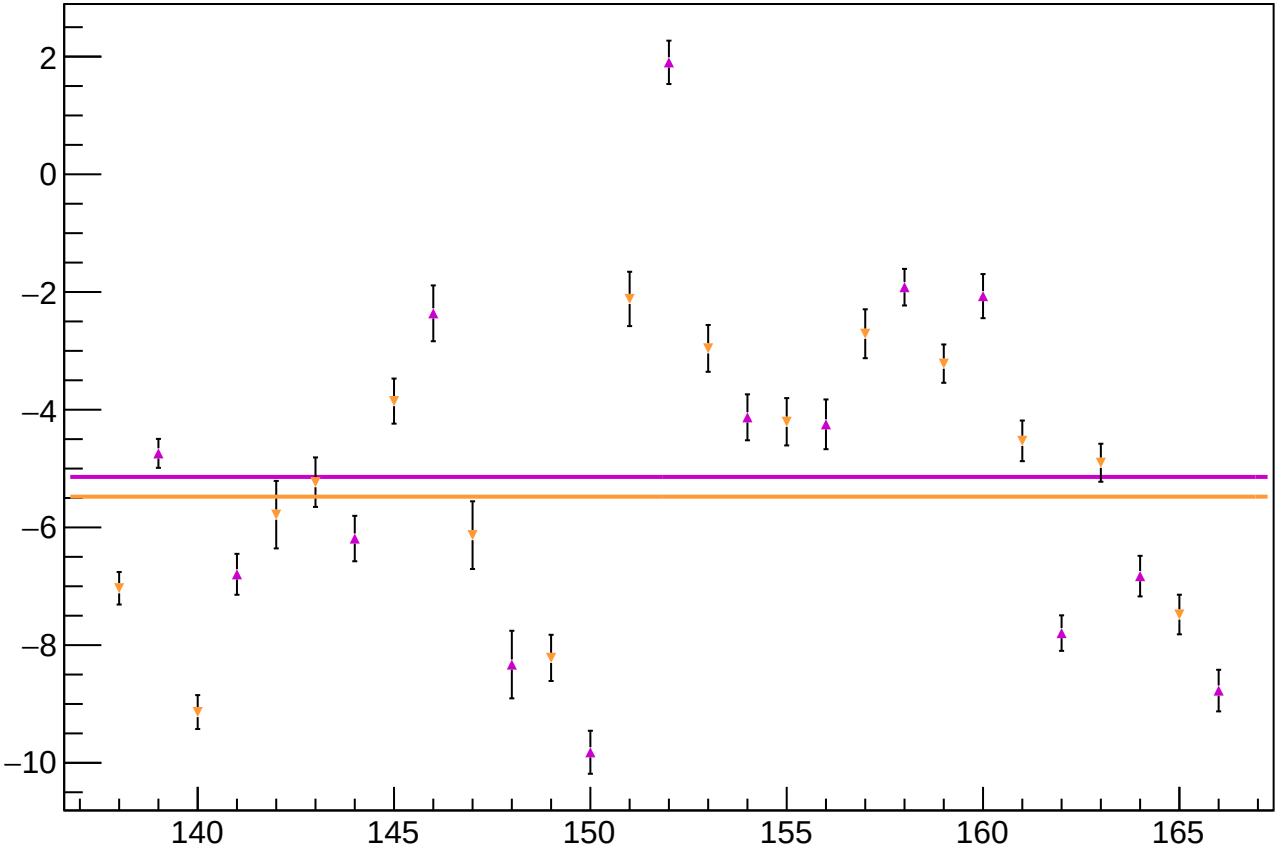
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 1.000+/-0.000 χ^2/NDF:2162.1/11

Out: 1.000+/-0.000 χ^2/NDF:6895.0/10

All: 1.000+/-0.000 χ^2/NDF: 8249.7/22

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -5.478+/-0.096 χ^2/NDF:503.5/14

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

Left In: -5.142+/-0.095 χ^2/NDF:1019.9/13

Left: -5.309+/-0.067 χ^2/NDF: 1529.6/28

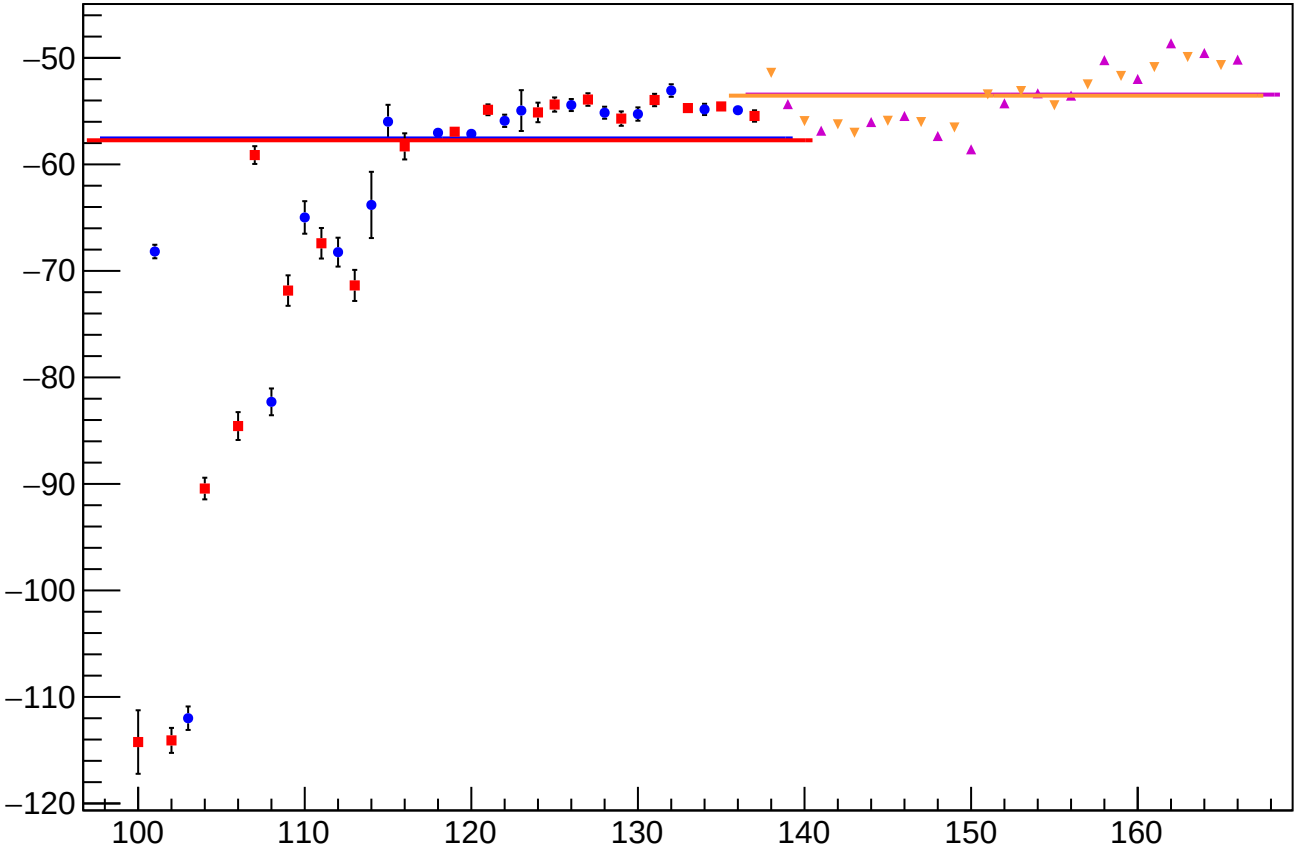
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -5.142+/-0.095 χ^2/NDF:1019.9/13

Out: -5.478+/-0.096 χ^2/NDF:503.5/14

All: -5.309+/-0.067 χ^2/NDF: 1529.6/28

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF: 3455.9/16

Left Out: -53.546+/-0.071 χ^2/NDF:1135.0/14

Right Out: -57.736+/-0.143 χ^2/NDF: 4698.4/18

Left In: -53.447+/-0.073 χ^2/NDF:1872.2/13

Left: -53.498+/-0.051 χ^2/NDF: 3008.2/28

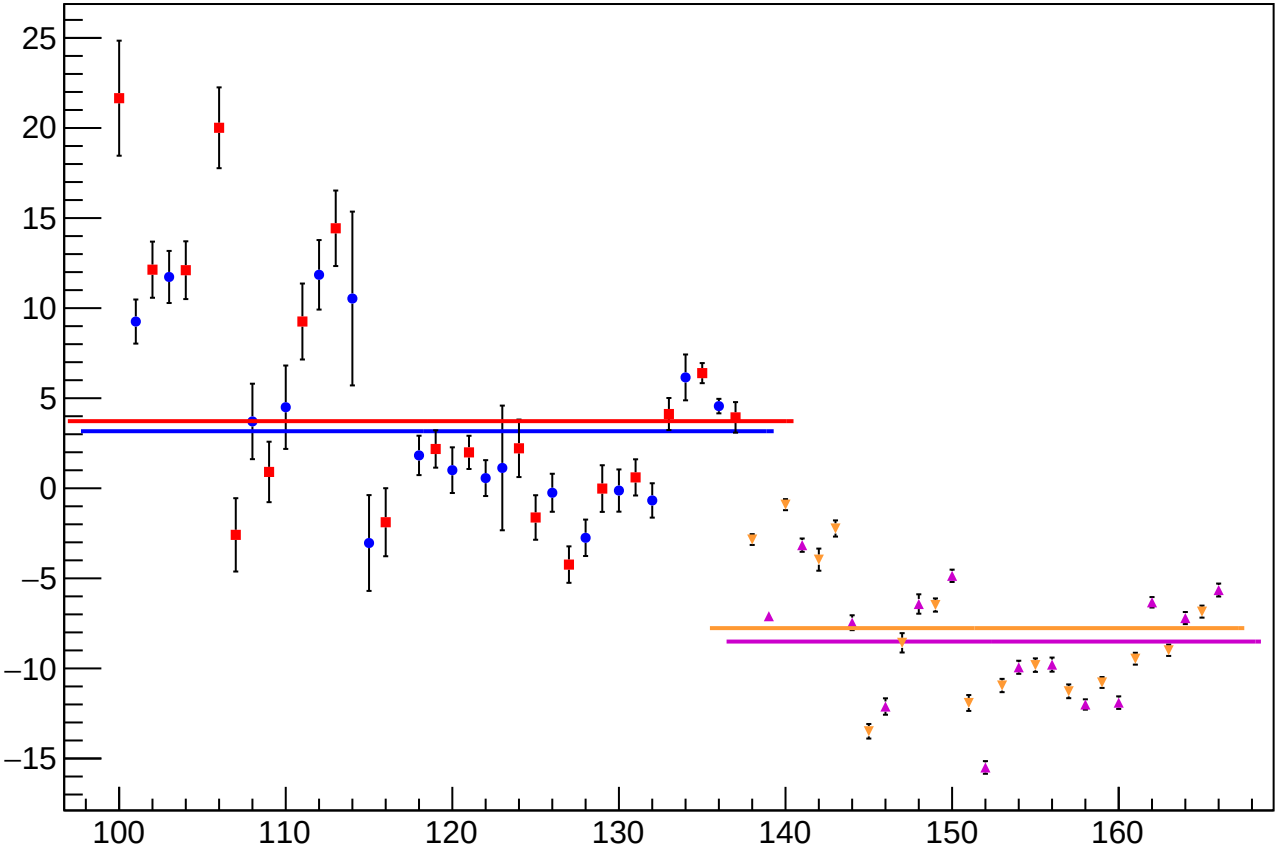
Right: -57.649+/-0.101 χ^2/NDF: 8155.1/35

In: -54.314+/-0.065 χ^2/NDF:5996.5/30

Out: -54.374+/-0.064 χ^2/NDF:6522.2/33

All: -54.344+/-0.045 χ^2/NDF: 12519.2/64

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168+/-0.258 χ^2/NDF: 186.2/16

Left Out: -7.763+/-0.094 χ^2/NDF:1598.6/14

Right Out: 3.726+/-0.267 χ^2/NDF: 323.3/18

Left In: -8.509+/-0.093 χ^2/NDF:1232.1/13

Left: -8.141+/-0.066 χ^2/NDF: 2862.3/28

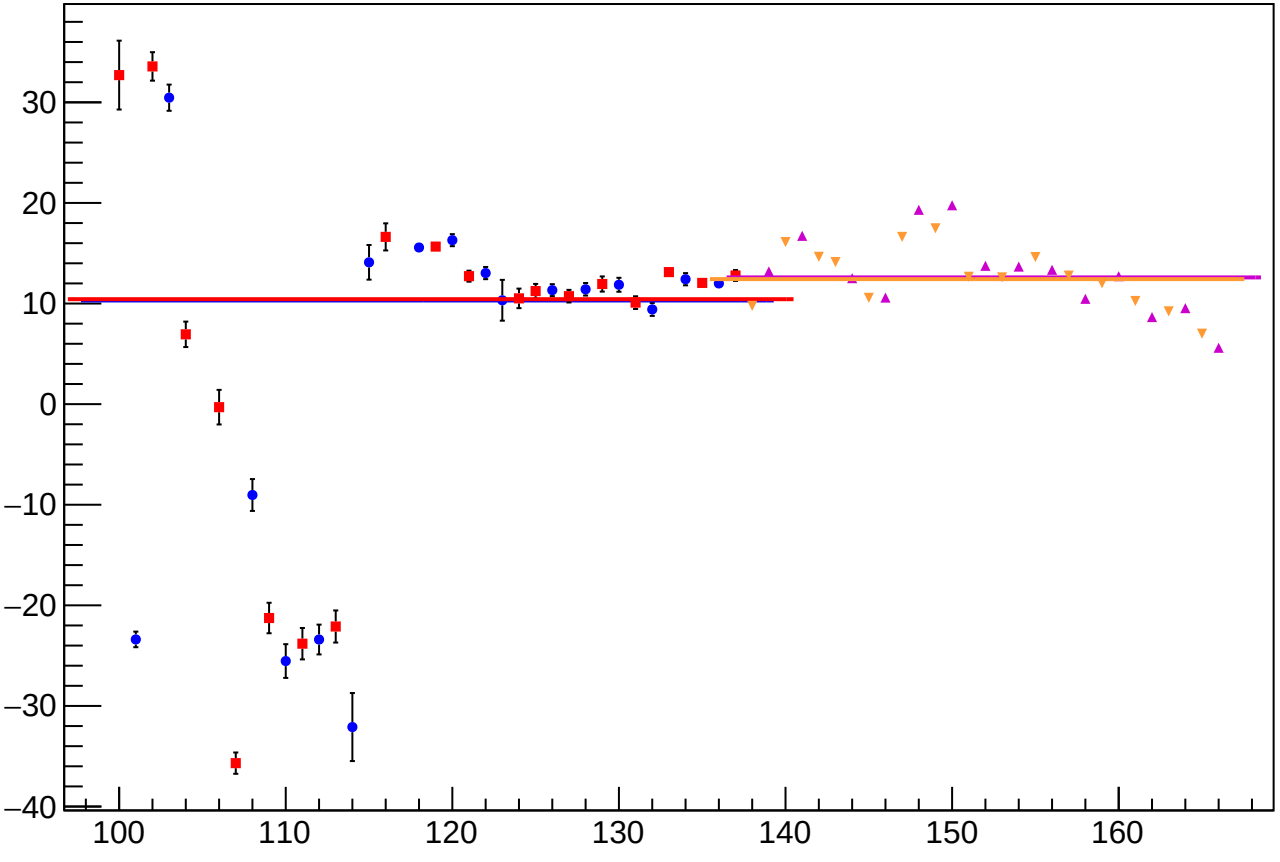
Right: 3.437+/-0.185 χ^2/NDF: 511.7/35

In: -7.158+/-0.088 χ^2/NDF:3233.5/30

Out: -6.487+/-0.089 χ^2/NDF:3566.7/33

All: -6.828+/-0.062 χ^2/NDF: 6829.0/64

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF: 3712.3/16

Left Out: 12.427+/-0.081 χ^2/NDF:1270.1/14

Right Out: 10.433+/-0.160 χ^2/NDF: 3828.5/18

Left In: 12.596+/-0.082 χ^2/NDF:2007.0/13

Left: 12.510+/-0.058 χ^2/NDF: 3279.3/28

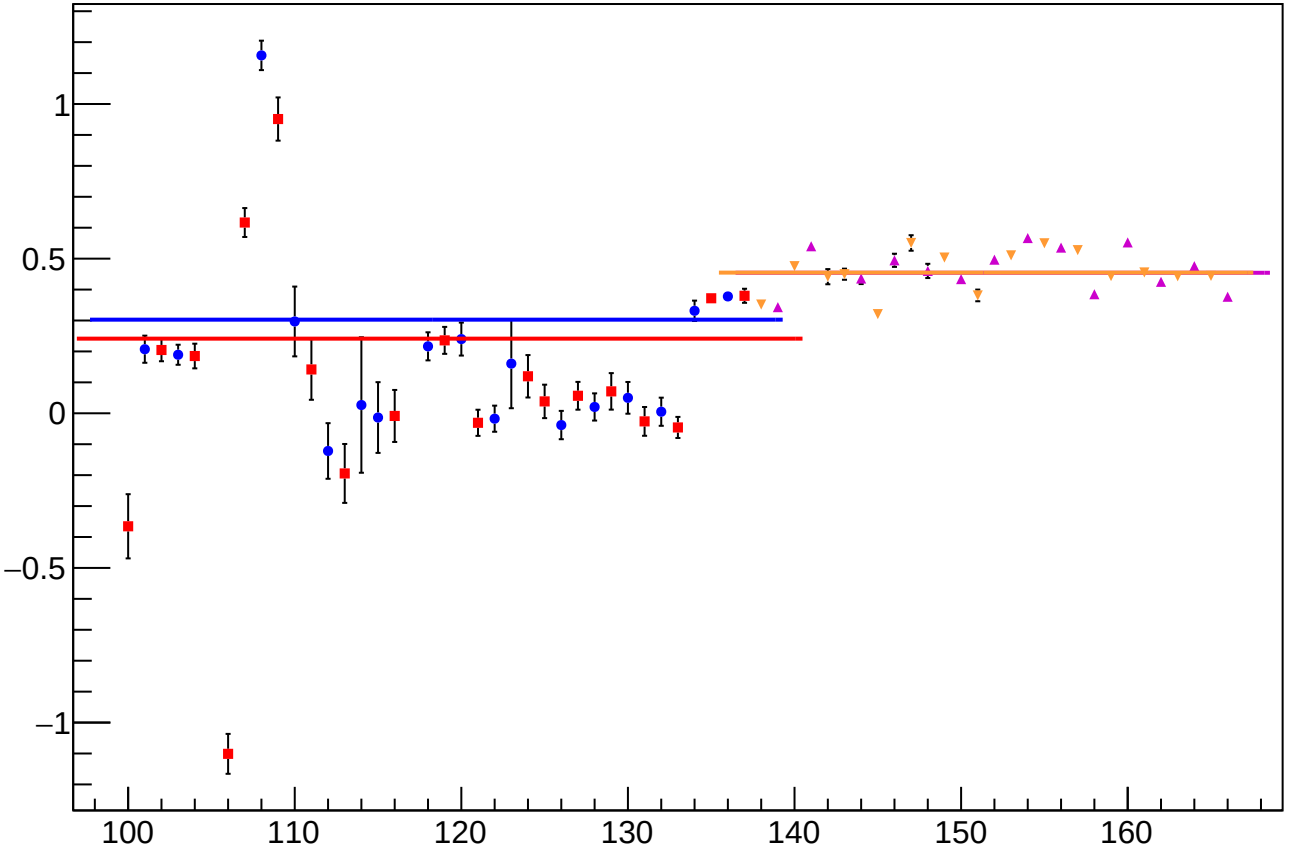
Right: 10.368+/-0.112 χ^2/NDF: 7541.1/35

In: 12.102+/-0.073 χ^2/NDF:5886.8/30

Out: 12.021+/-0.072 χ^2/NDF:5222.5/33

All: 12.061+/-0.051 χ^2/NDF: 11109.9/64

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF: 646.6/16

Left Out: 0.455+/-0.004 χ^2/NDF:299.7/14

Right Out: 0.241+/-0.008 χ^2/NDF: 986.7/18

Left In: 0.454+/-0.004 χ^2/NDF:444.2/13

Left: 0.455+/-0.003 χ^2/NDF: 743.9/28

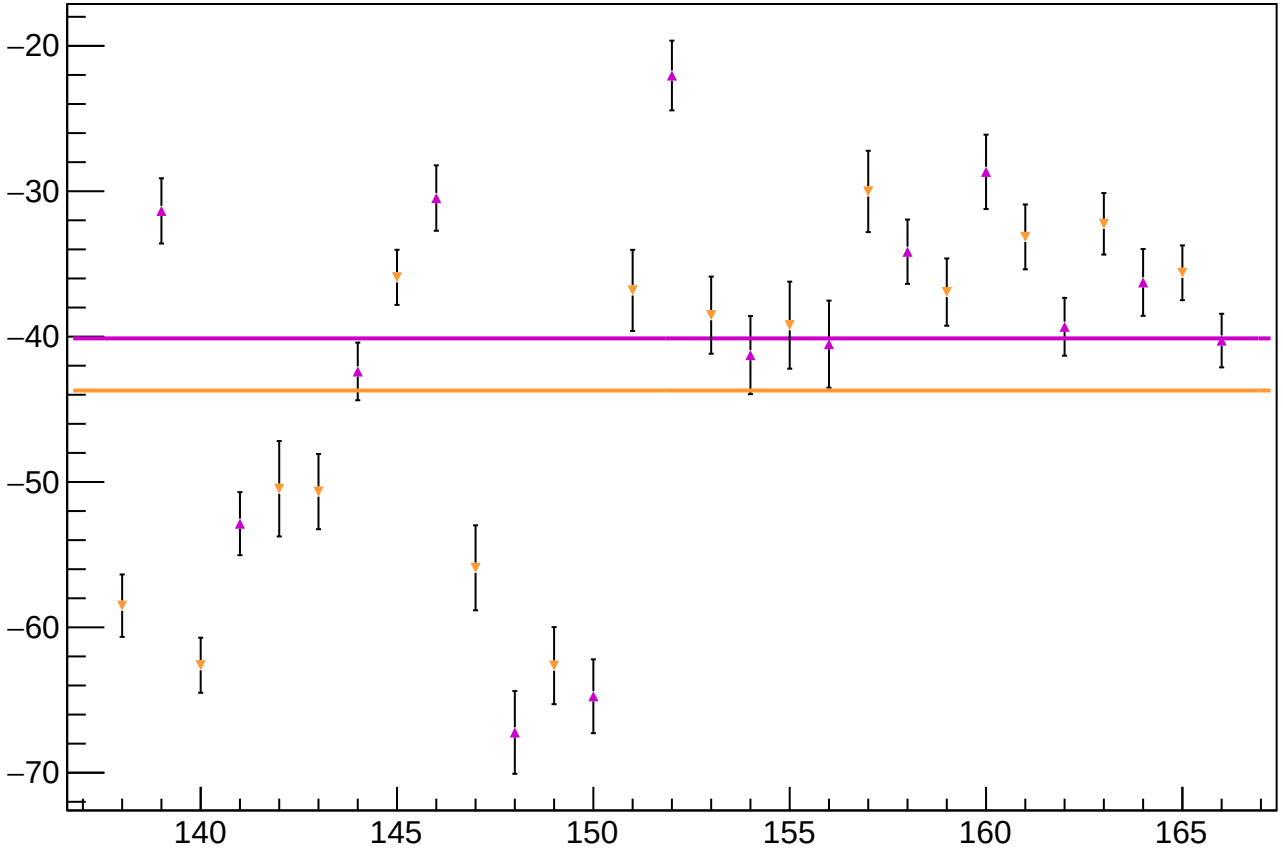
Right: 0.273+/-0.006 χ^2/NDF: 1660.4/35

In: 0.430+/-0.003 χ^2/NDF:1377.7/30

Out: 0.421+/-0.003 χ^2/NDF:1819.8/33

All: 0.426+/-0.002 χ^2/NDF: 3200.6/64

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -43.705+/-0.611 χ^2/NDF:358.5/14

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

Left In: -40.122+/-0.613 χ^2/NDF:341.6/13

Left: -41.920+/-0.433 χ^2/NDF: 717.2/28

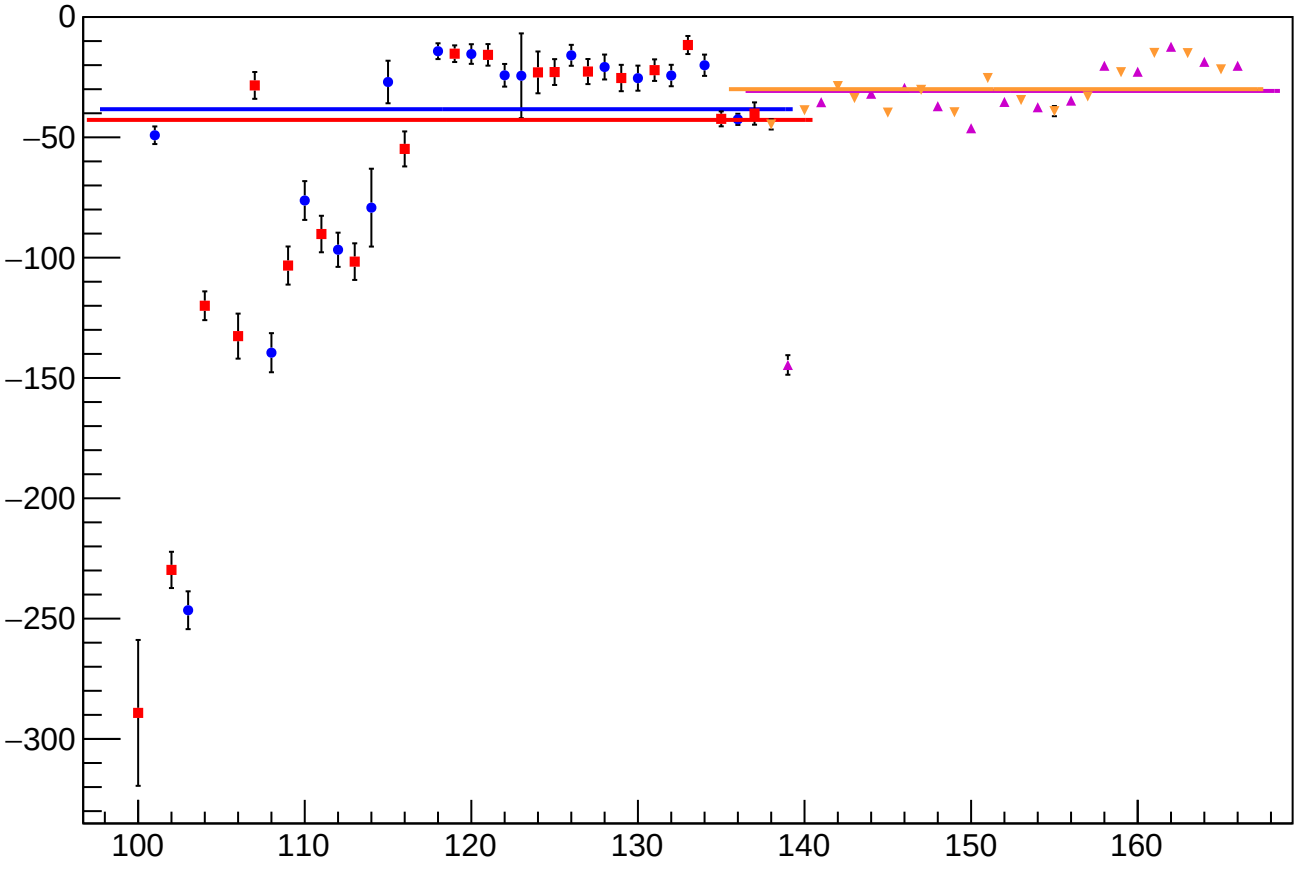
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -40.122+/-0.613 χ^2/NDF:341.6/13

Out: -43.705+/-0.611 χ^2/NDF:358.5/14

All: -41.920+/-0.433 χ^2/NDF: 717.2/28

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF: 1132.7/16

Left Out: -29.982+/-0.438 χ^2/NDF:418.7/14

Right Out: -42.756+/-1.211 χ^2/NDF: 1341.6/18

Left In: -30.717+/-0.446 χ^2/NDF:1202.9/13

Left: -30.342+/-0.313 χ^2/NDF: 1622.9/28

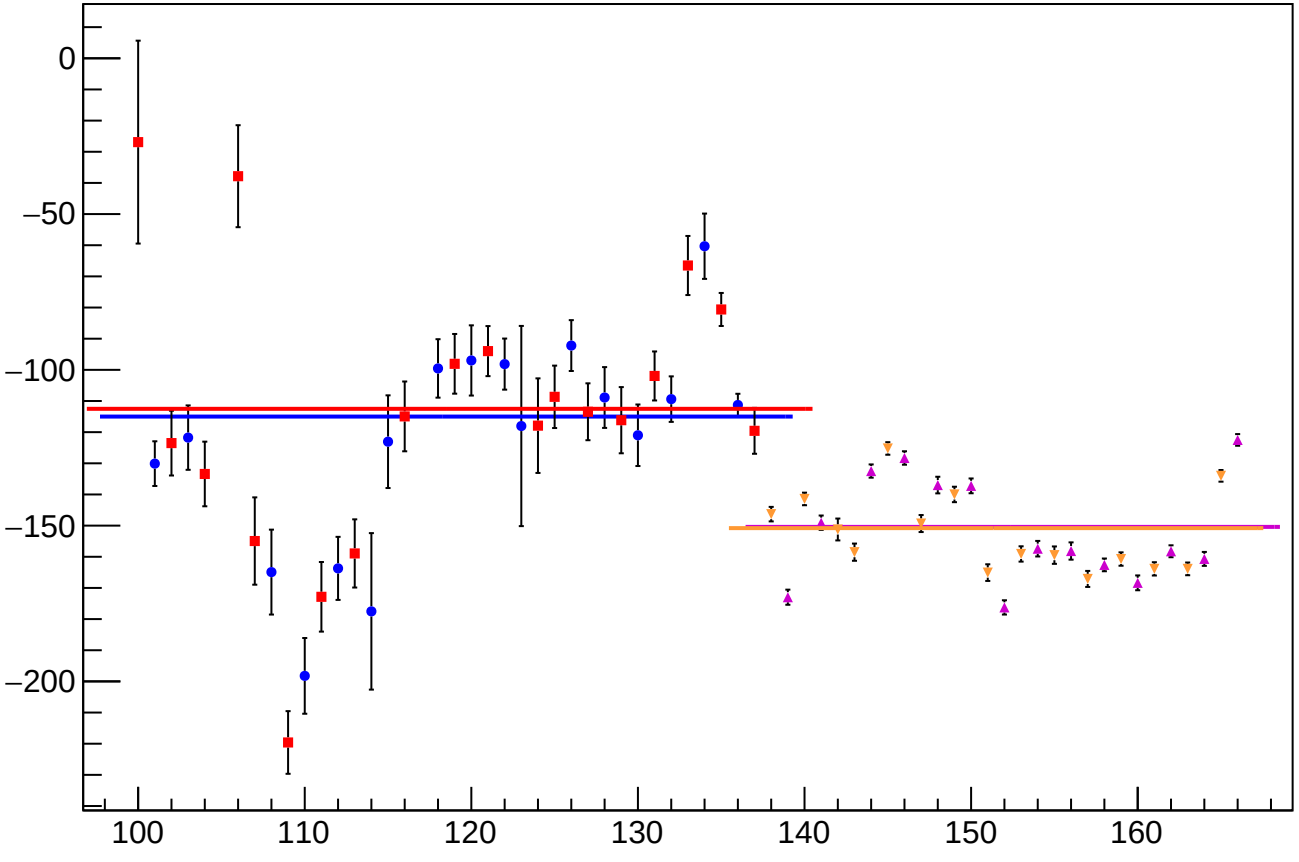
Right: -40.393+/-0.829 χ^2/NDF: 2481.4/35

In: -31.731+/-0.416 χ^2/NDF:2374.2/30

Out: -31.459+/-0.412 χ^2/NDF:1858.7/33

All: -31.594+/-0.292 χ^2/NDF: 4233.1/64

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996+/-2.072 χ^2/NDF: 141.8/16

Left Out: -150.803+/-0.605 χ^2/NDF:483.0/14

Right Out: -112.510+/-2.207 χ^2/NDF: 273.1/18

Left In: -150.406+/-0.601 χ^2/NDF:814.3/13

Left: -150.603+/-0.427 χ^2/NDF: 1297.5/28

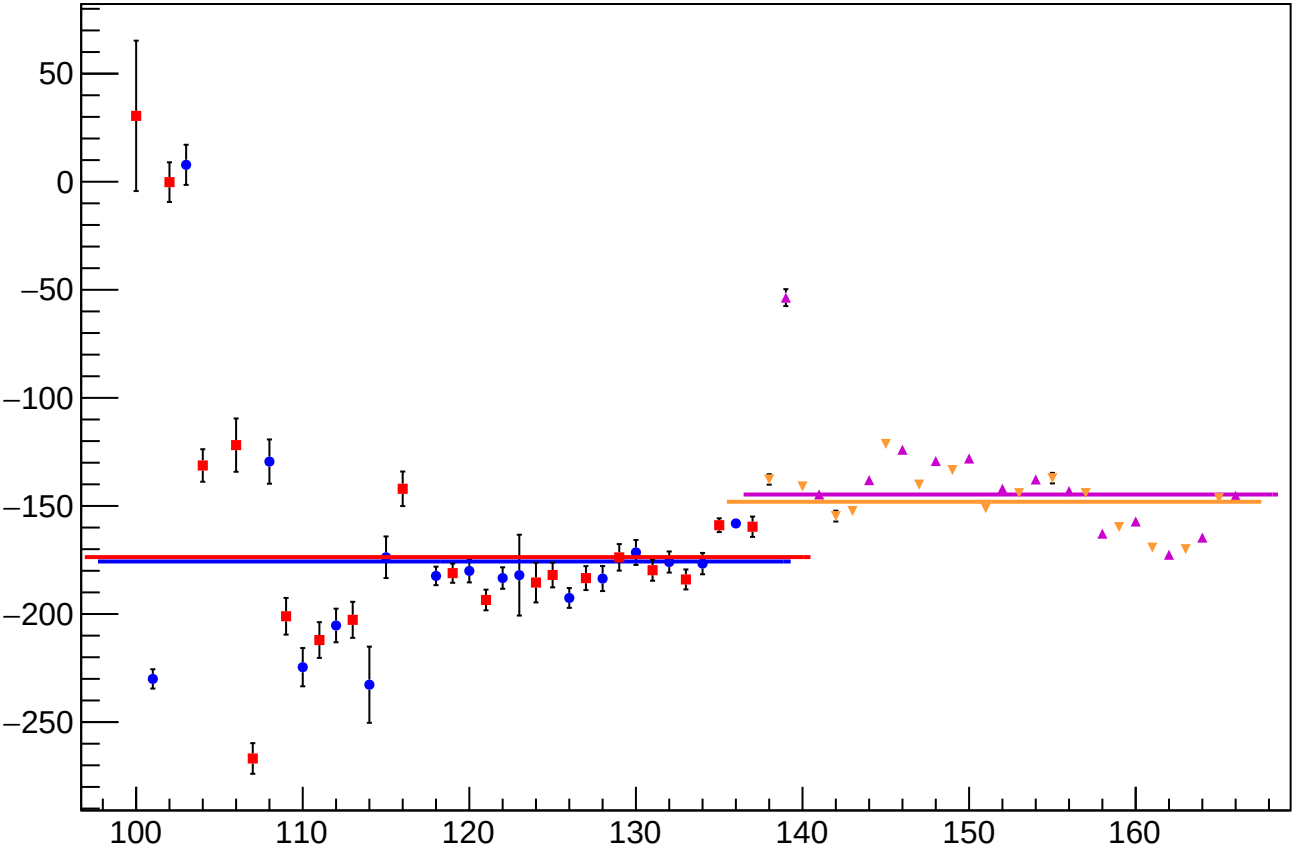
Right: -113.831+/-1.511 χ^2/NDF: 415.6/35

In: -147.656+/-0.578 χ^2/NDF:1225.4/30

Out: -148.125+/-0.584 χ^2/NDF:1036.2/33

All: -147.888+/-0.410 χ^2/NDF: 2261.9/64

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696+/-1.268 χ^2/NDF: 692.9/16

Left Out: -148.069+/-0.506 χ^2/NDF:751.1/14

Right Out: -173.666+/-1.356 χ^2/NDF: 737.7/18

Left In: -144.710+/-0.513 χ^2/NDF:1396.5/13

Left: -146.413+/-0.361 χ^2/NDF: 2169.3/28

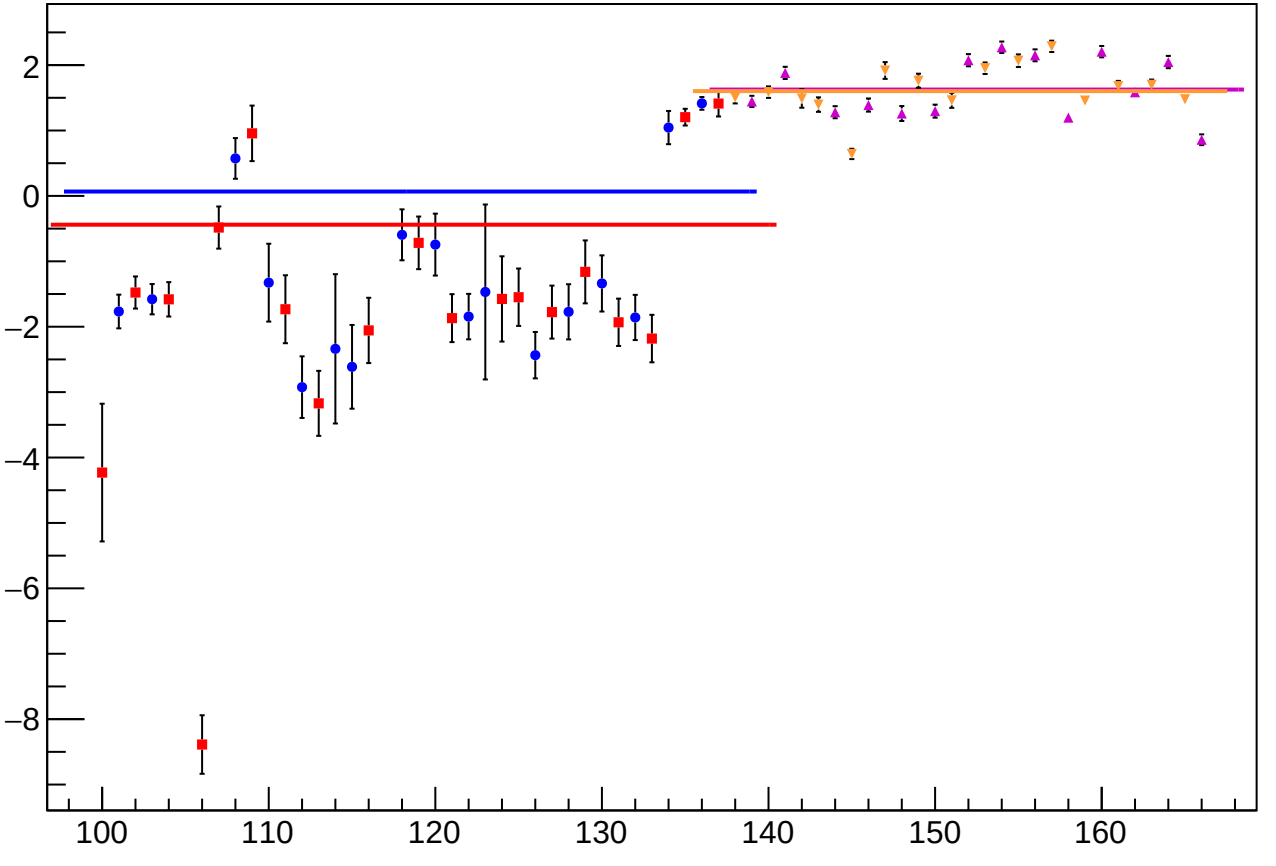
Right: -174.749+/-0.926 χ^2/NDF: 1431.8/35

In: -149.077+/-0.476 χ^2/NDF:2602.8/30

Out: -151.203+/-0.474 χ^2/NDF:1801.6/33

All: -150.143+/-0.336 χ^2/NDF: 4414.4/64

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067+/-0.067 χ^2/NDF: 526.1/16

Left Out: 1.602+/-0.024 χ^2/NDF:271.8/14

Right Out: -0.440+/-0.071 χ^2/NDF: 754.9/18

Left In: 1.626+/-0.024 χ^2/NDF:349.9/13

Left: 1.614+/-0.017 χ^2/NDF: 622.2/28

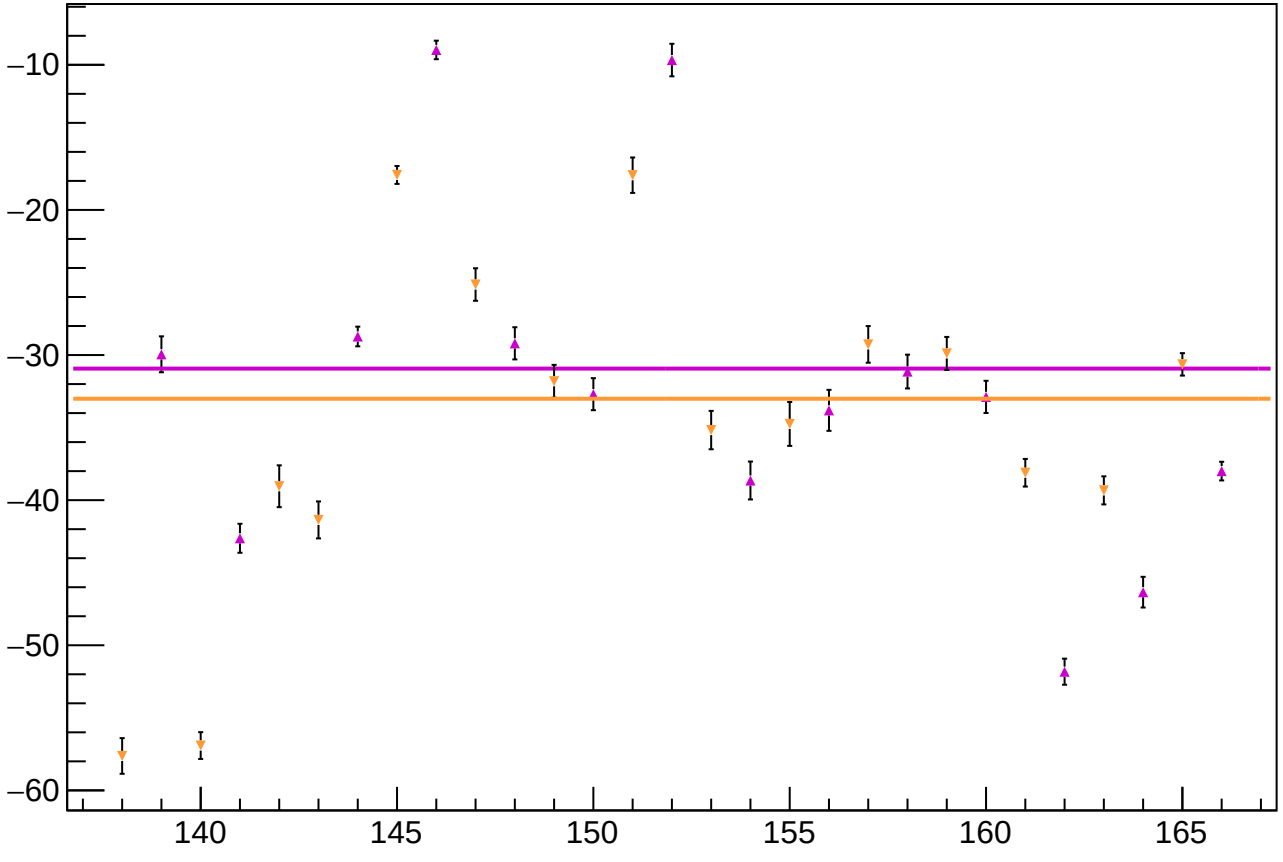
Right: -0.172+/-0.049 χ^2/NDF: 1308.0/35

In: 1.451+/-0.022 χ^2/NDF:1357.4/30

Out: 1.398+/-0.023 χ^2/NDF:1769.2/33

All: 1.425+/-0.016 χ^2/NDF: 3129.4/64

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -33.009+/-0.267 χ^2/NDF:2067.6/14

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

Left In: -30.934+/-0.251 χ^2/NDF:2612.3/13

Left: -31.908+/-0.183 χ^2/NDF: 4712.1/28

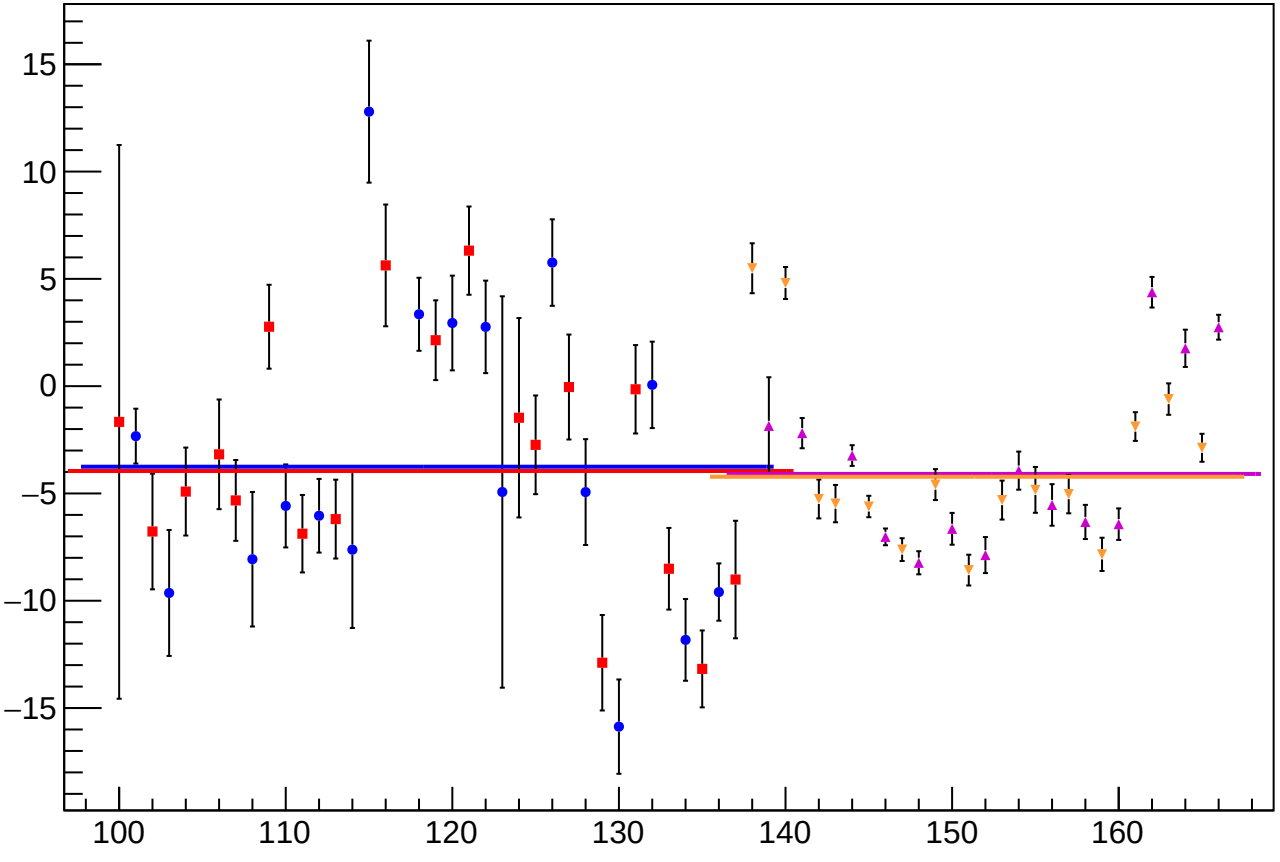
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.934+/-0.251 χ^2/NDF:2612.3/13

Out: -33.009+/-0.267 χ^2/NDF:2067.6/14

All: -31.908+/-0.183 χ^2/NDF: 4712.1/28

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754+/-0.495 χ^2/NDF: 165.3/16

Left Out: -4.222+/-0.189 χ^2/NDF:370.9/14

Right Out: -3.954+/-0.507 χ^2/NDF: 123.3/18

Left In: -4.091+/-0.177 χ^2/NDF:505.0/13

Left: -4.152+/-0.129 χ^2/NDF: 876.2/28

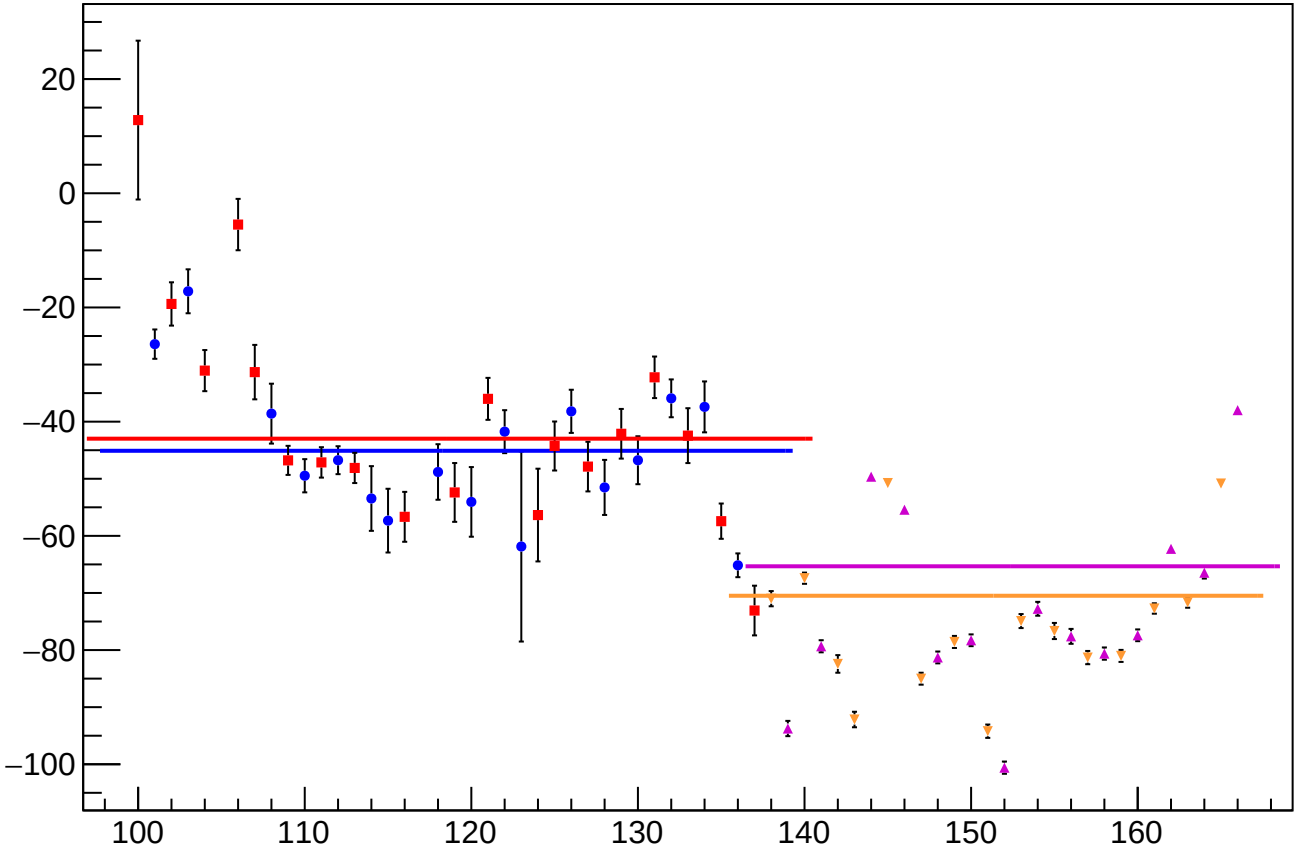
Right: -3.852+/-0.354 χ^2/NDF: 288.7/35

In: -4.052+/-0.167 χ^2/NDF:670.7/30

Out: -4.190+/-0.177 χ^2/NDF:494.4/33

All: -4.117+/-0.122 χ^2/NDF: 1165.5/64

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF: 229.9/16

Left Out: -70.488+/-0.265 χ^2/NDF:2776.3/14

Right Out: -42.979+/-0.877 χ^2/NDF: 248.9/18

Left In: -65.329+/-0.247 χ^2/NDF:5049.2/13

Left: -67.730+/-0.180 χ^2/NDF: 8028.8/28

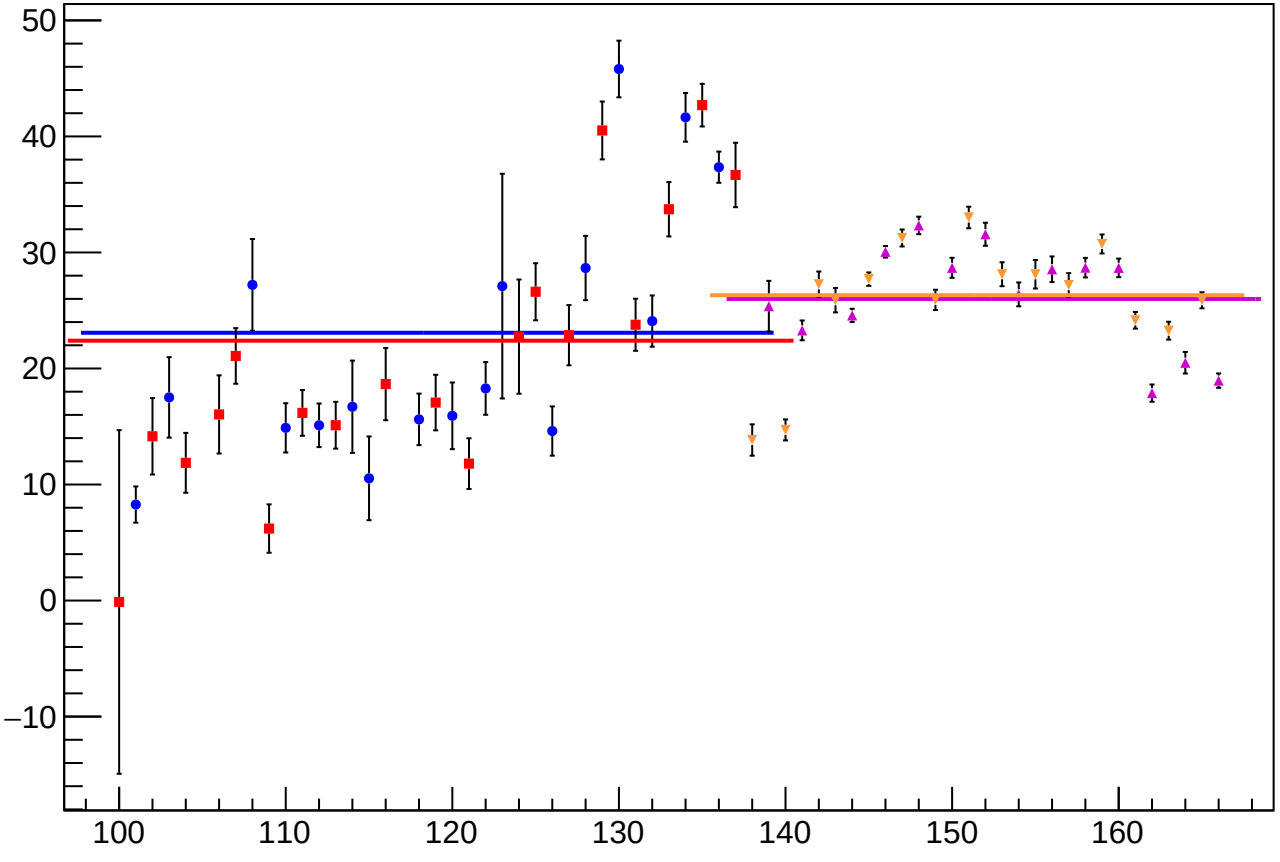
Right: -44.036+/-0.622 χ^2/NDF: 481.6/35

In: -63.856+/-0.238 χ^2/NDF:5768.1/30

Out: -68.195+/-0.253 χ^2/NDF:3926.3/33

All: -65.887+/-0.173 χ^2/NDF: 9850.4/64

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF: 461.1/16

Left Out: 26.315+/-0.220 χ^2/NDF:415.5/14

Right Out: 22.397+/-0.572 χ^2/NDF: 370.3/18

Left In: 25.994+/-0.208 χ^2/NDF:505.5/13

Left: 26.145+/-0.151 χ^2/NDF: 922.1/28

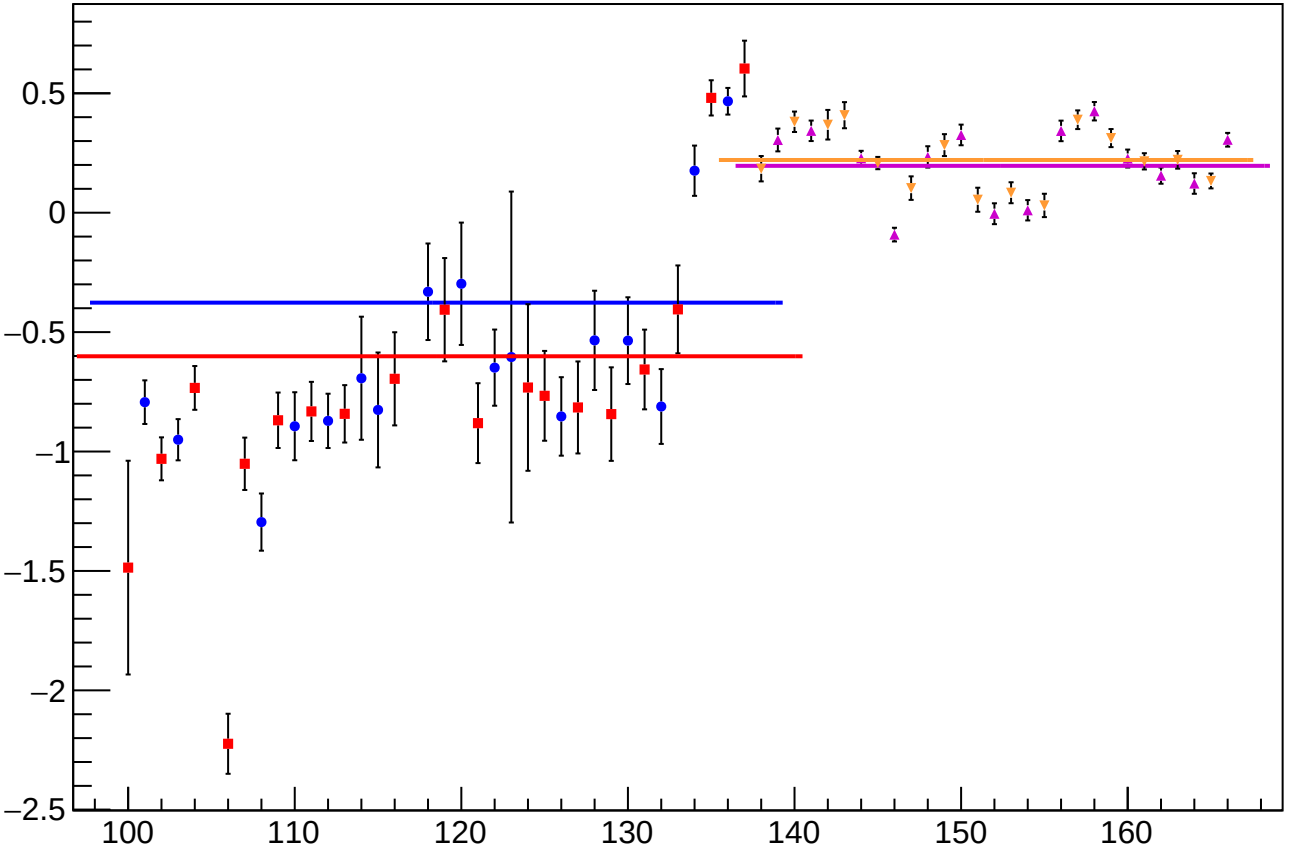
Right: 22.748+/-0.399 χ^2/NDF: 832.1/35

In: 25.636+/-0.195 χ^2/NDF:990.8/30

Out: 25.810+/-0.205 χ^2/NDF:826.6/33

All: 25.719+/-0.141 χ^2/NDF: 1817.8/64

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377+/-0.030 χ^2/NDF: 437.1/16

Left Out: 0.221+/-0.010 χ^2/NDF:107.9/14

Right Out: -0.601+/-0.030 χ^2/NDF: 555.6/18

Left In: 0.196+/-0.010 χ^2/NDF:234.7/13

Left: 0.208+/-0.007 χ^2/NDF: 345.5/28

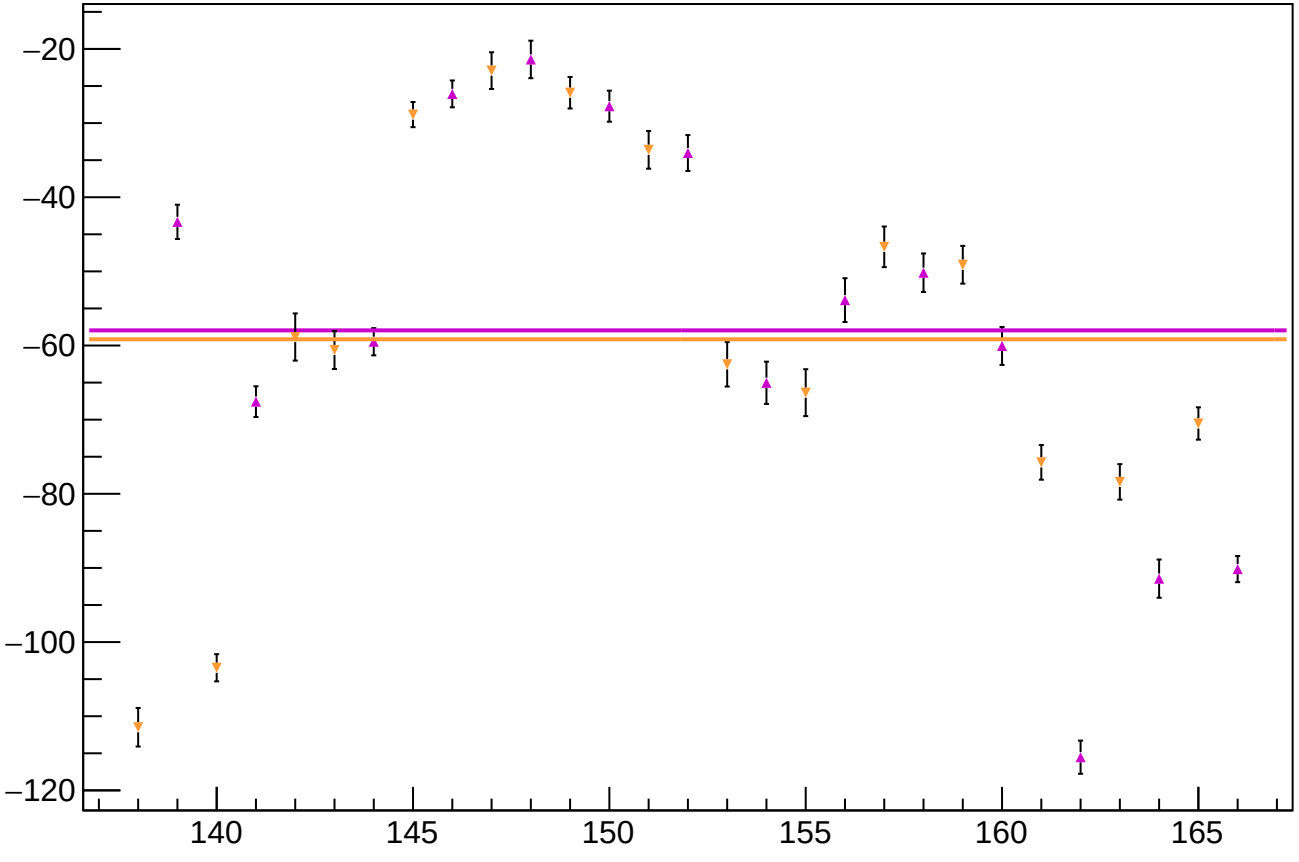
Right: -0.489+/-0.021 χ^2/NDF: 1020.5/35

In: 0.139+/-0.010 χ^2/NDF:998.3/30

Out: 0.133+/-0.010 χ^2/NDF:1326.3/33

All: 0.136+/-0.007 χ^2/NDF: 2324.8/64

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -59.158+/-0.614 χ^2/NDF:2052.6/14

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

Left In: -57.957+/-0.599 χ^2/NDF:2068.5/13

Left: -58.542+/-0.429 χ^2/NDF: 4123.1/28

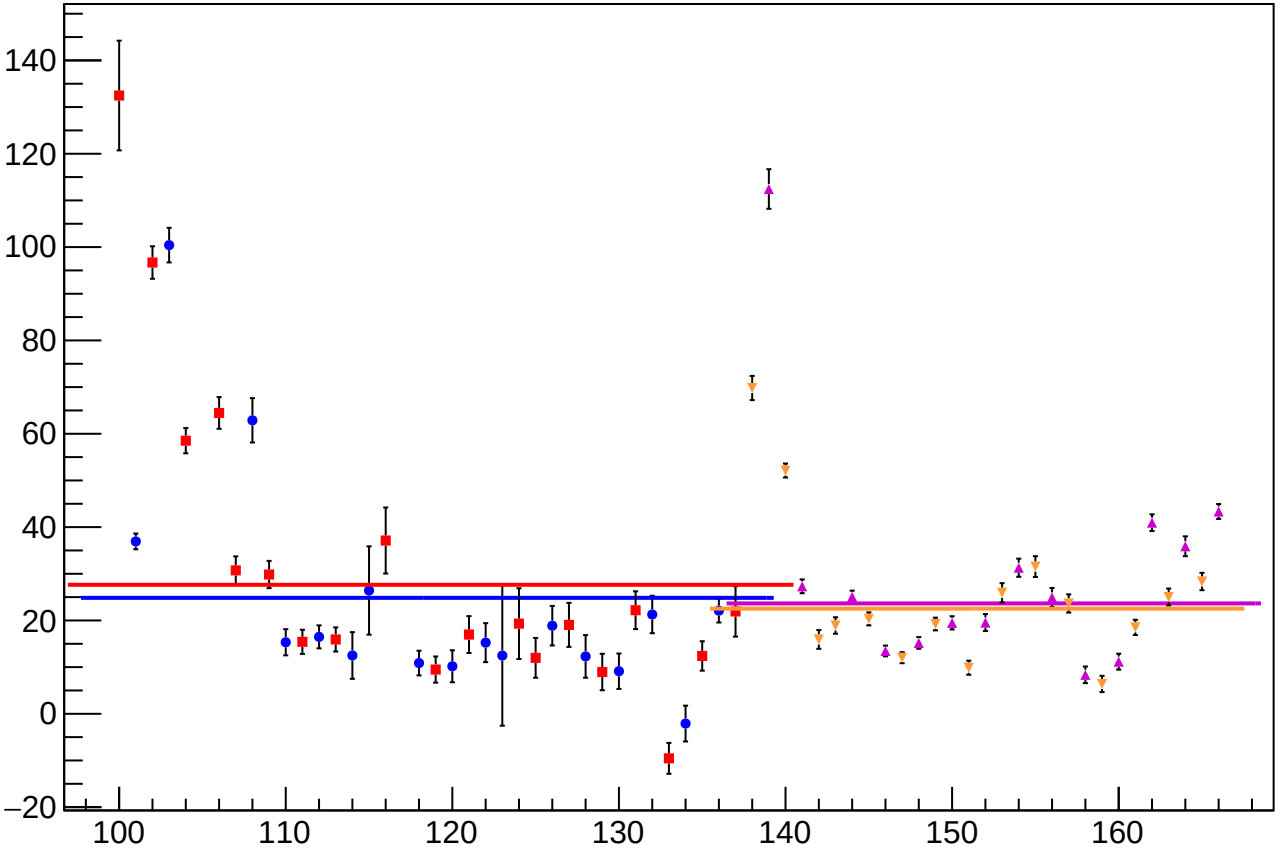
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -57.957+/-0.599 χ^2/NDF:2068.5/13

Out: -59.158+/-0.614 χ^2/NDF:2052.6/14

All: -58.542+/-0.429 χ^2/NDF: 4123.1/28

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848+/-0.801 χ^2/NDF: 690.8/16

Left Out: 22.534+/-0.432 χ^2/NDF:1016.6/14

Right Out: 27.648+/-0.810 χ^2/NDF: 1009.2/18

Left In: 23.653+/-0.431 χ^2/NDF:1006.5/13

Left: 23.095+/-0.305 χ^2/NDF: 2026.5/28

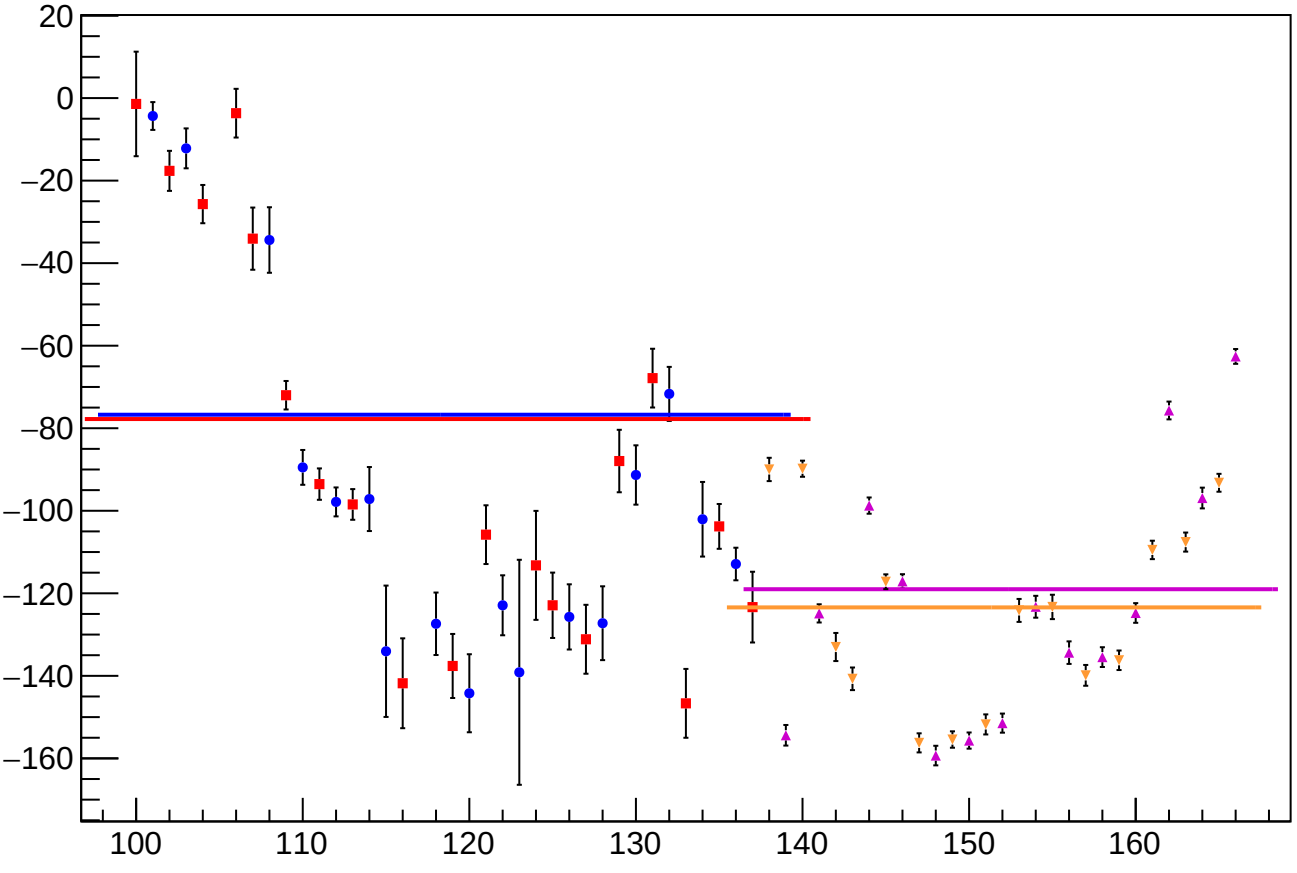
Right: 26.231+/-0.570 χ^2/NDF: 1706.0/35

In: 23.921+/-0.379 χ^2/NDF:1699.1/30

Out: 23.667+/-0.381 χ^2/NDF:2056.8/33

All: 23.795+/-0.269 χ^2/NDF: 3756.1/64

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728+/-1.412 χ^2/NDF: 1042.0/16

Left Out: -123.414+/-0.608 χ^2/NDF:1445.6/14

Right Out: -77.773+/-1.352 χ^2/NDF: 871.8/18

Left In: -119.008+/-0.588 χ^2/NDF:2707.1/13

Left: -121.140+/-0.423 χ^2/NDF: 4179.8/28

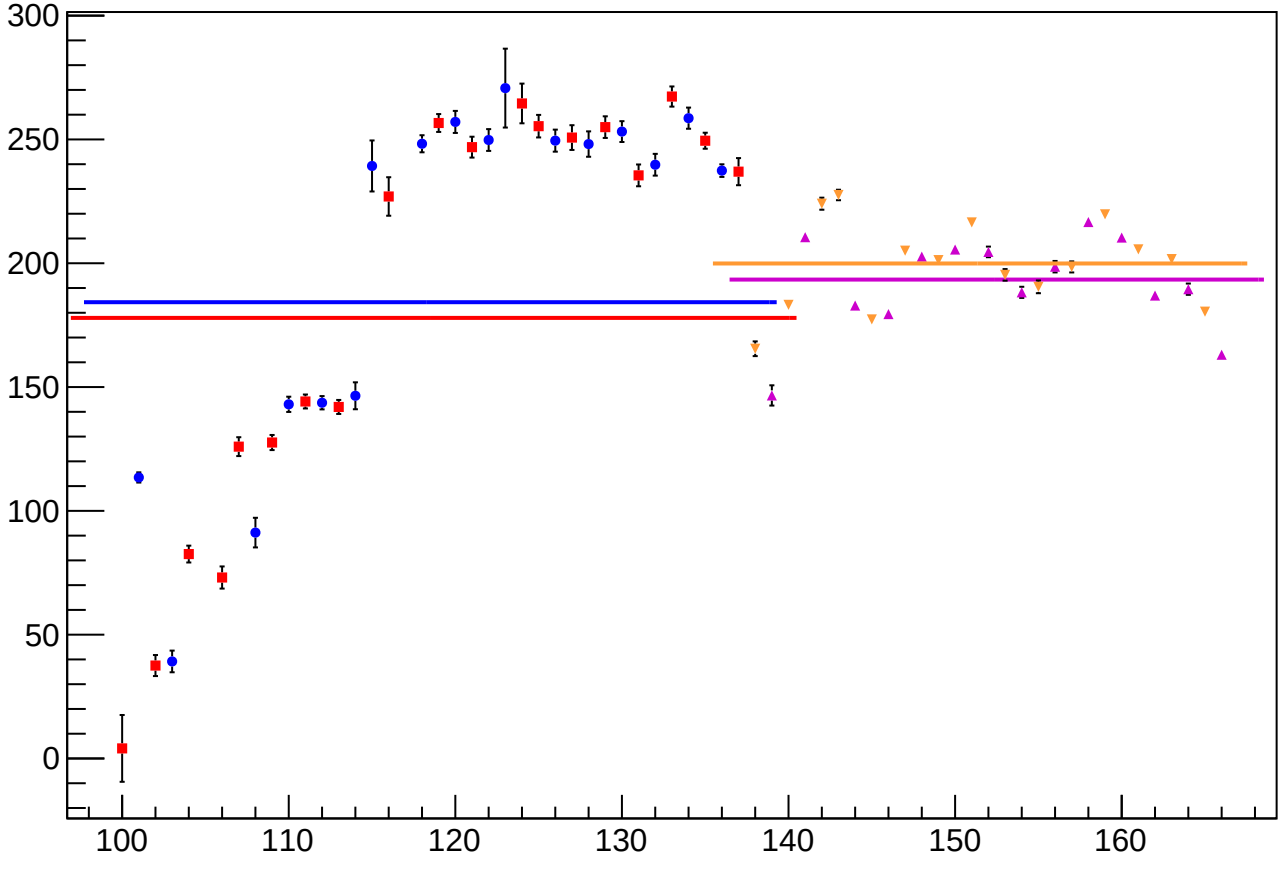
Right: -77.273+/-0.977 χ^2/NDF: 1914.1/35

In: -112.758+/-0.543 χ^2/NDF:4512.9/30

Out: -115.749+/-0.554 χ^2/NDF:3265.3/33

All: -114.223+/-0.388 χ^2/NDF: 7793.0/64

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF: 5401.0/16

Left Out: 199.906+/-0.506 χ^2/NDF:1013.9/14

Right Out: 177.930+/-0.924 χ^2/NDF: 6330.9/18

Left In: 193.406+/-0.501 χ^2/NDF:1053.0/13

Left: 196.621+/-0.356 χ^2/NDF: 2150.3/28

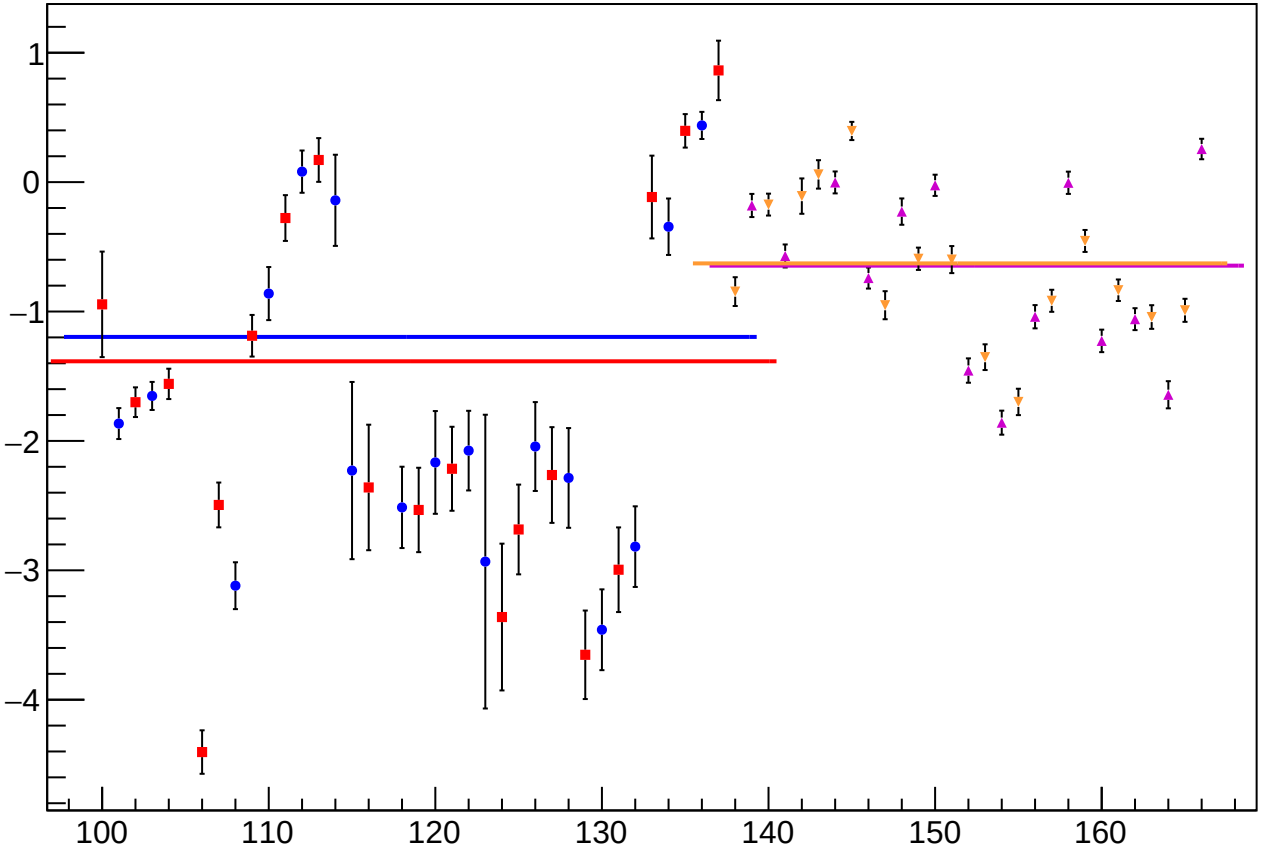
Right: 181.136+/-0.650 χ^2/NDF: 11755.7/35

In: 191.295+/-0.439 χ^2/NDF:6530.9/30

Out: 194.831+/-0.444 χ^2/NDF:7780.0/33

All: 193.044+/-0.312 χ^2/NDF: 14342.9/64

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196+/-0.048 χ^2/NDF: 623.1/16

Left Out: -0.628+/-0.024 χ^2/NDF:529.7/14

Right Out: -1.385+/-0.046 χ^2/NDF: 924.4/18

Left In: -0.645+/-0.024 χ^2/NDF:769.5/13

Left: -0.637+/-0.017 χ^2/NDF: 1299.4/28

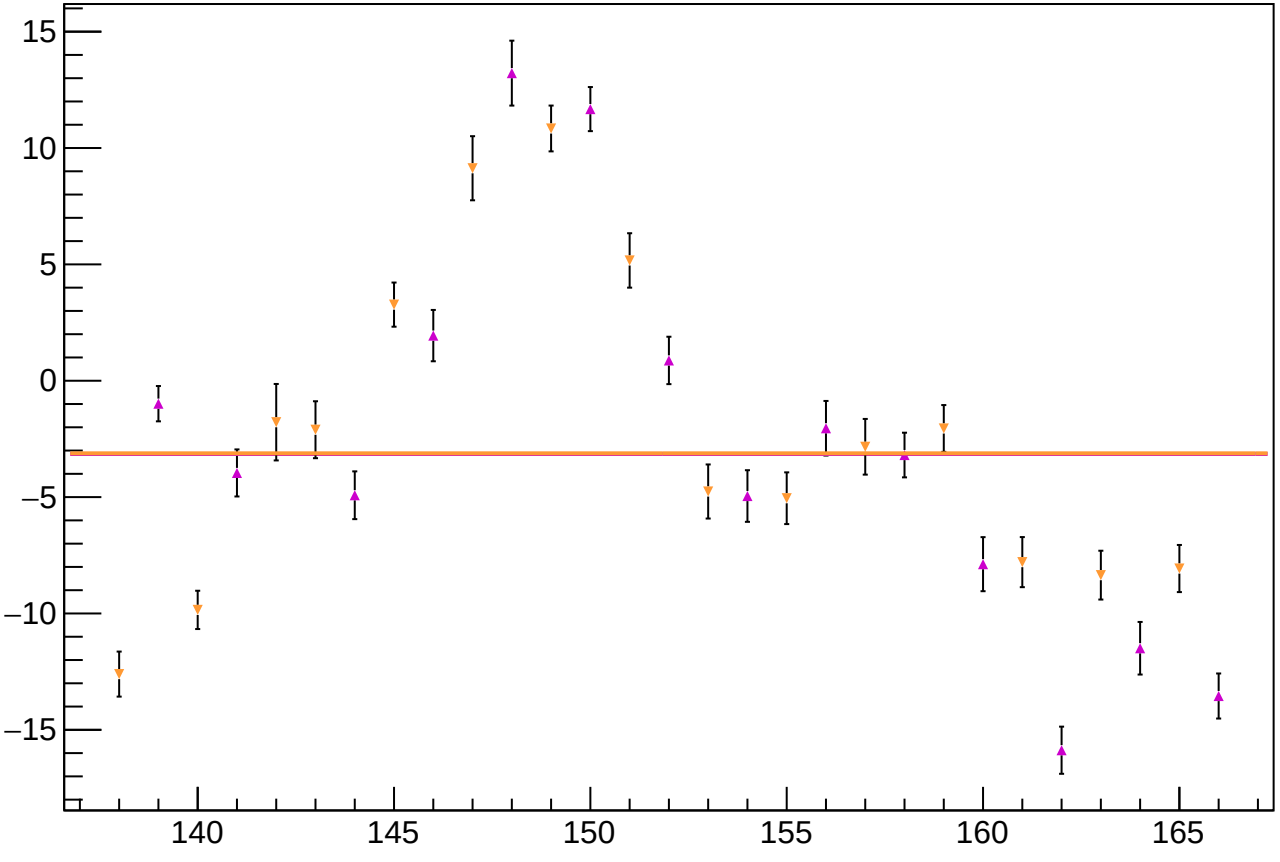
Right: -1.295+/-0.033 χ^2/NDF: 1555.6/35

In: -0.752+/-0.021 χ^2/NDF:1498.3/30

Out: -0.791+/-0.021 χ^2/NDF:1668.4/33

All: -0.772+/-0.015 χ^2/NDF: 3168.4/64

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -3.120+/-0.278 χ^2/NDF:614.0/14

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

Left In: -3.147+/-0.275 χ^2/NDF:779.0/13

Left: -3.133+/-0.195 χ^2/NDF: 1393.0/28

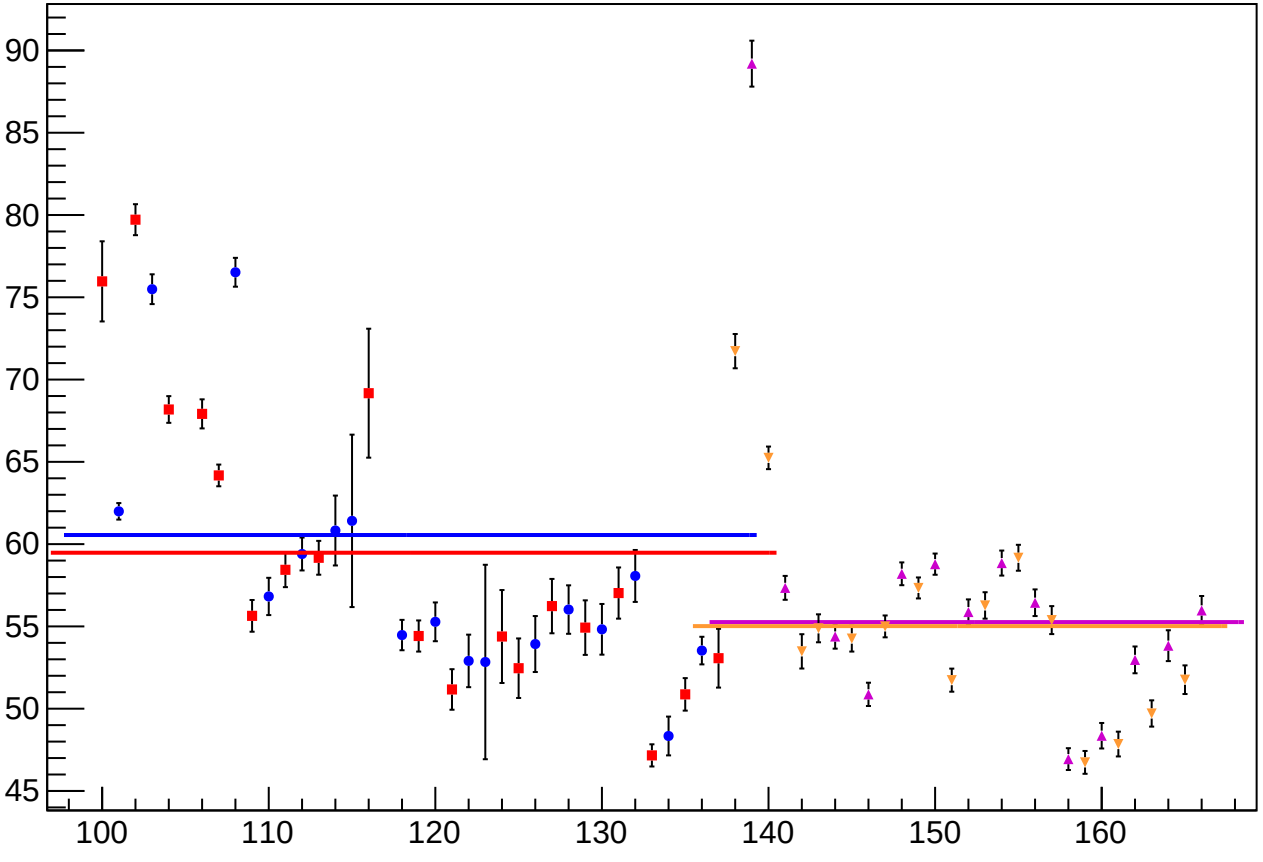
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.147+/-0.275 χ^2/NDF:779.0/13

Out: -3.120+/-0.278 χ^2/NDF:614.0/14

All: -3.133+/-0.195 χ^2/NDF: 1393.0/28

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF: 930.8/16

Left Out: 55.018+/-0.200 χ^2/NDF:839.3/14

Right Out: 59.477+/-0.248 χ^2/NDF: 1317.0/18

Left In: 55.263+/-0.206 χ^2/NDF:959.8/13

Left: 55.136+/-0.144 χ^2/NDF: 1799.9/28

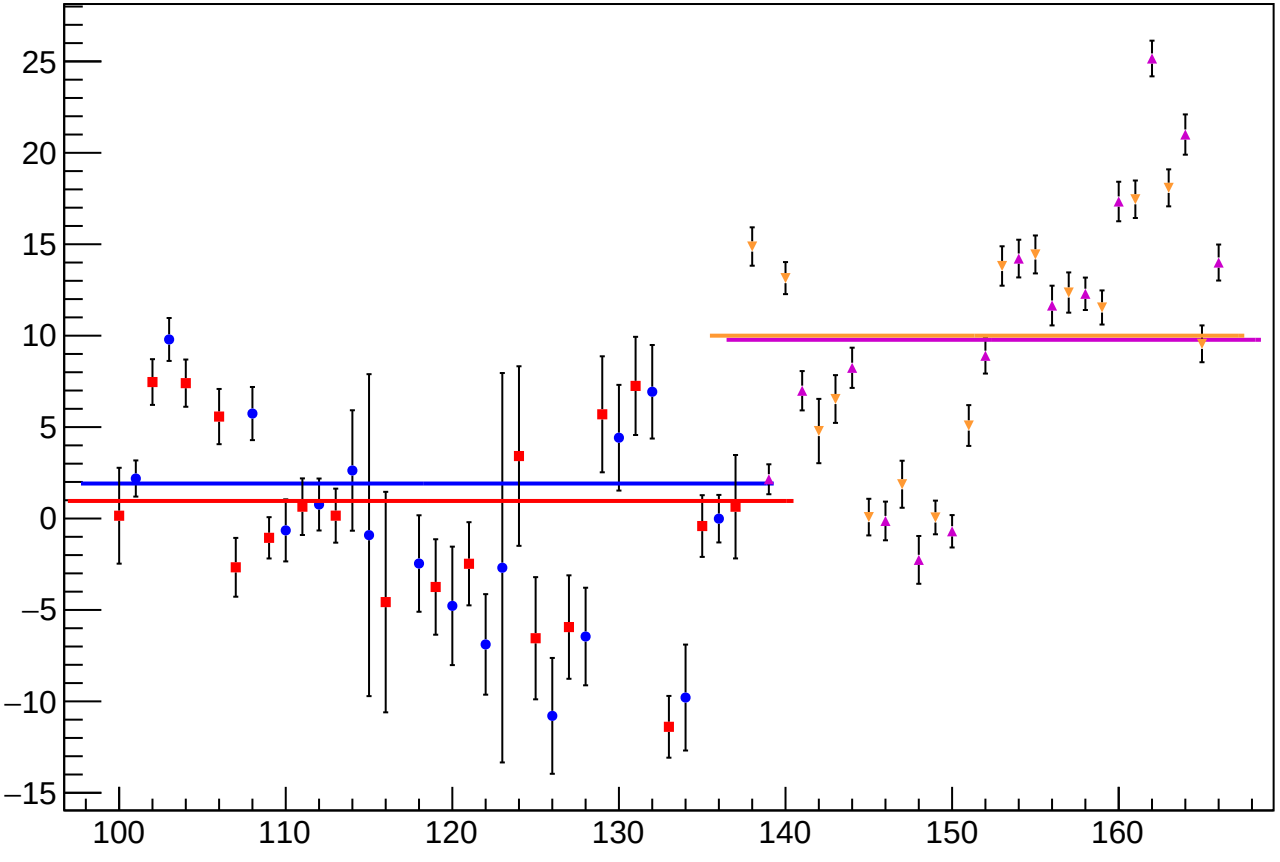
Right: 59.987+/-0.180 χ^2/NDF: 2256.7/35

In: 57.288+/-0.162 χ^2/NDF:2143.2/30

Out: 56.776+/-0.156 χ^2/NDF:2352.3/33

All: 57.022+/-0.112 χ^2/NDF: 4500.7/64

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914+/-0.458 χ^2/NDF: 121.6/16

Left Out: 10.000+/-0.273 χ^2/NDF:479.5/14

Right Out: 0.960+/-0.424 χ^2/NDF: 149.5/18

Left In: 9.775+/-0.269 χ^2/NDF:857.9/13

Left: 9.886+/-0.192 χ^2/NDF: 1337.7/28

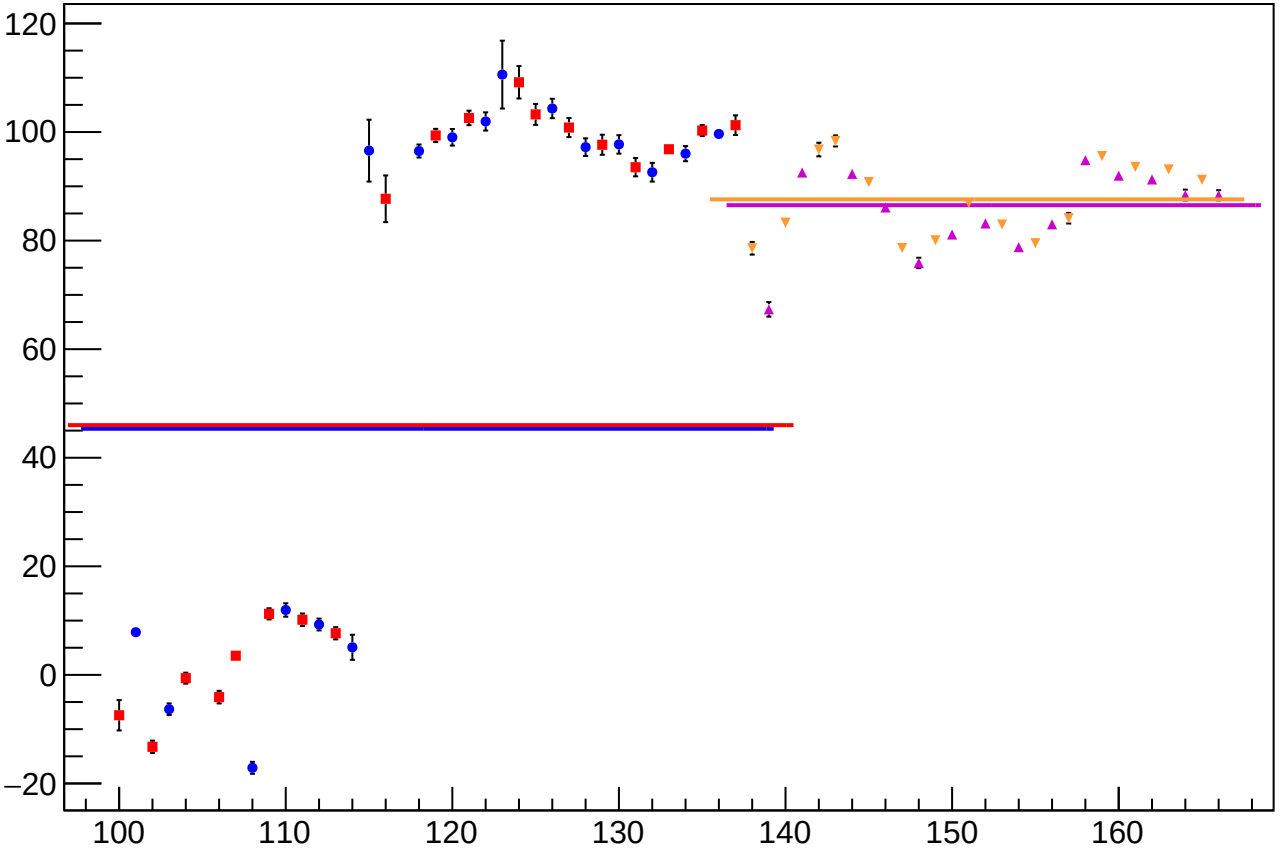
Right: 1.401+/-0.311 χ^2/NDF: 273.4/35

In: 7.756+/-0.232 χ^2/NDF:1198.7/30

Out: 7.348+/-0.230 χ^2/NDF:949.8/33

All: 7.550+/-0.163 χ^2/NDF: 2150.1/64

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF: 25071.0/16

Left Out: 87.596+/-0.231 χ^2/NDF:811.3/14

Right Out: 46.007+/-0.289 χ^2/NDF: 28219.9/18

Left In: 86.526+/-0.235 χ^2/NDF:798.5/13

Left: 87.070+/-0.165 χ^2/NDF: 1620.3/28

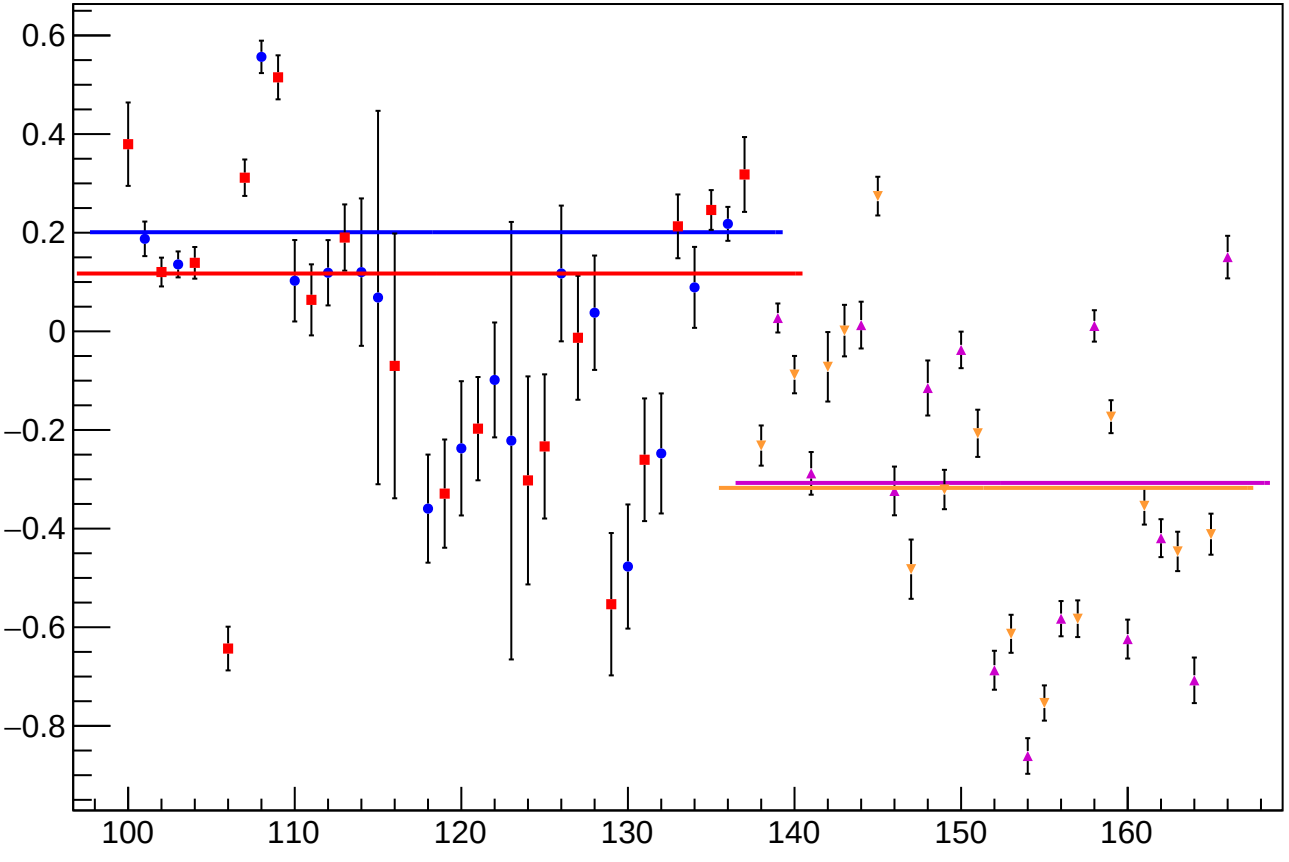
Right: 45.691+/-0.209 χ^2/NDF: 53293.4/35

In: 71.066+/-0.186 χ^2/NDF:37389.8/30

Out: 71.405+/-0.181 χ^2/NDF:41637.1/33

All: 71.240+/-0.130 χ^2/NDF: 79028.6/64

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.014 χ^2/NDF: 217.8/16

Left Out: -0.317+/-0.011 χ^2/NDF:624.6/14

Right Out: 0.117+/-0.013 χ^2/NDF: 500.1/18

Left In: -0.307+/-0.010 χ^2/NDF:987.5/13

Left: -0.312+/-0.007 χ^2/NDF: 1612.5/28

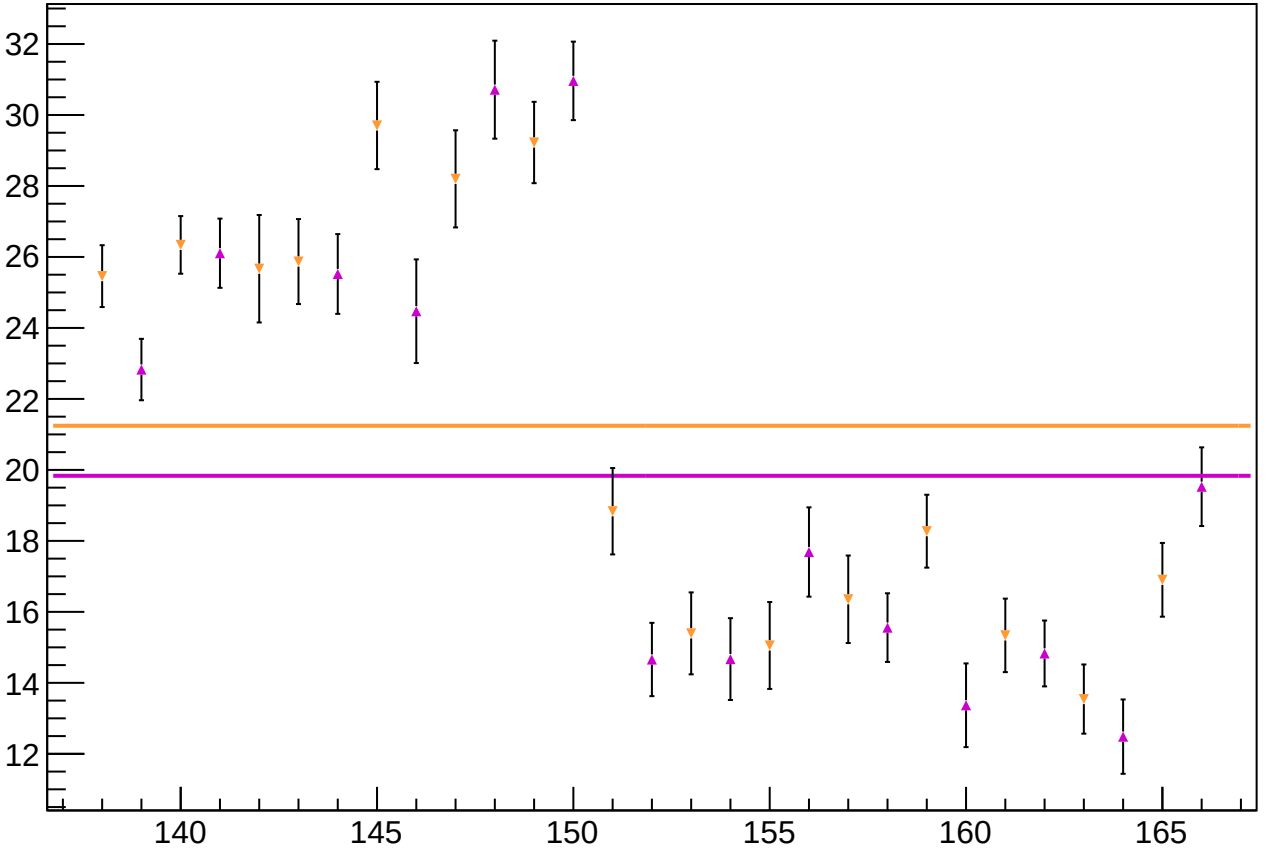
Right: 0.156+/-0.010 χ^2/NDF: 737.1/35

In: -0.125+/-0.008 χ^2/NDF:2047.4/30

Out: -0.143+/-0.008 χ^2/NDF:1793.1/33

All: -0.134+/-0.006 χ^2/NDF: 3842.8/64

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 21.244+/-0.282 χ^2/NDF:399.5/14

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

Left In: 19.834+/-0.289 χ^2/NDF:428.5/13

Left: 20.555+/-0.202 χ^2/NDF: 840.2/28

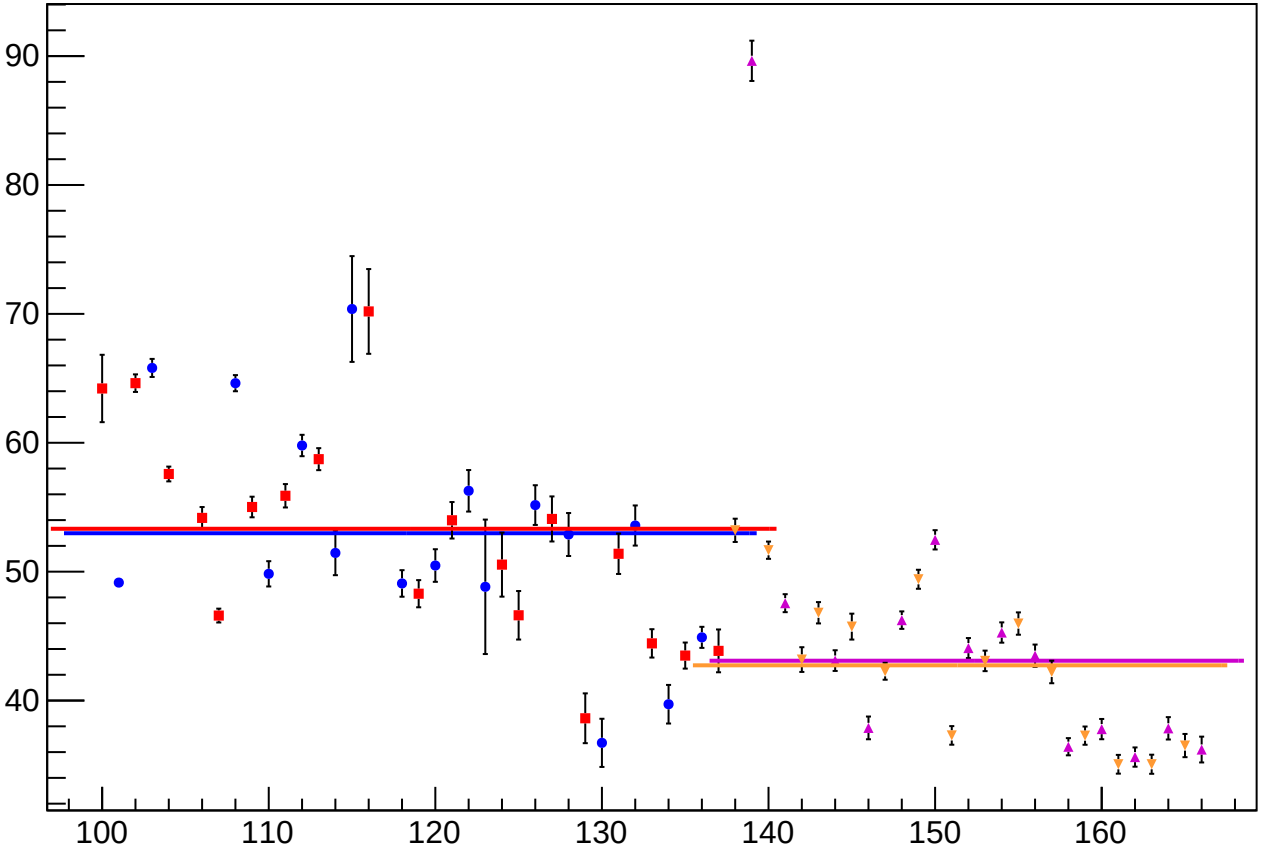
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 19.834+/-0.289 χ^2/NDF:428.5/13

Out: 21.244+/-0.282 χ^2/NDF:399.5/14

All: 20.555+/-0.202 χ^2/NDF: 840.2/28

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF: 1197.8/16

Left Out: 42.733+/-0.203 χ^2/NDF:825.1/14

Right Out: 53.328+/-0.227 χ^2/NDF: 872.7/18

Left In: 43.090+/-0.214 χ^2/NDF:1480.0/13

Left: 42.903+/-0.147 χ^2/NDF: 2306.5/28

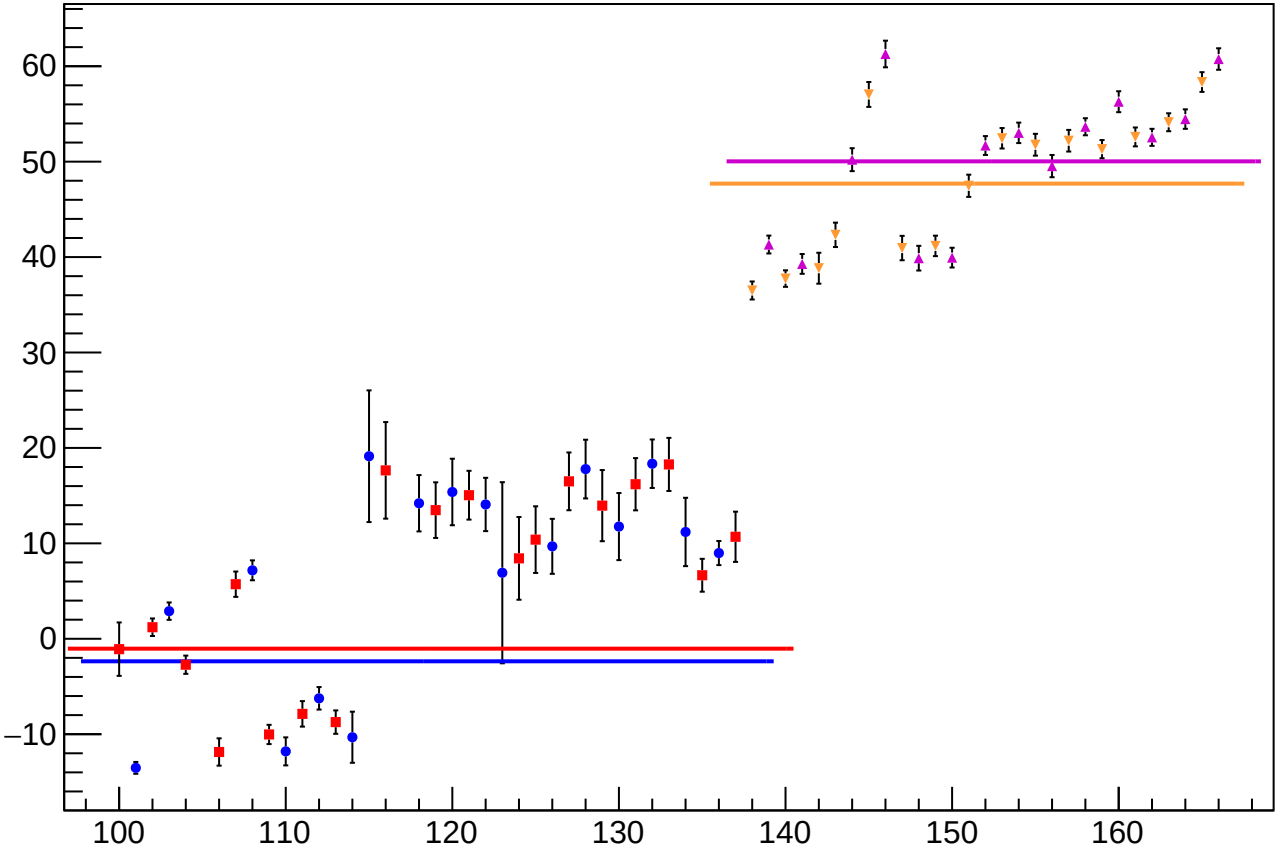
Right: 53.141+/-0.154 χ^2/NDF: 2071.7/35

In: 48.125+/-0.150 χ^2/NDF:3765.3/30

Out: 47.451+/-0.151 χ^2/NDF:2909.3/33

All: 47.791+/-0.106 χ^2/NDF: 6684.6/64

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361+/-0.364 χ^2/NDF: 840.8/16

Left Out: 47.697+/-0.279 χ^2/NDF:676.7/14

Right Out: -1.035+/-0.377 χ^2/NDF: 507.7/18

Left In: 50.031+/-0.283 χ^2/NDF:592.9/13

Left: 48.848+/-0.198 χ^2/NDF: 1304.1/28

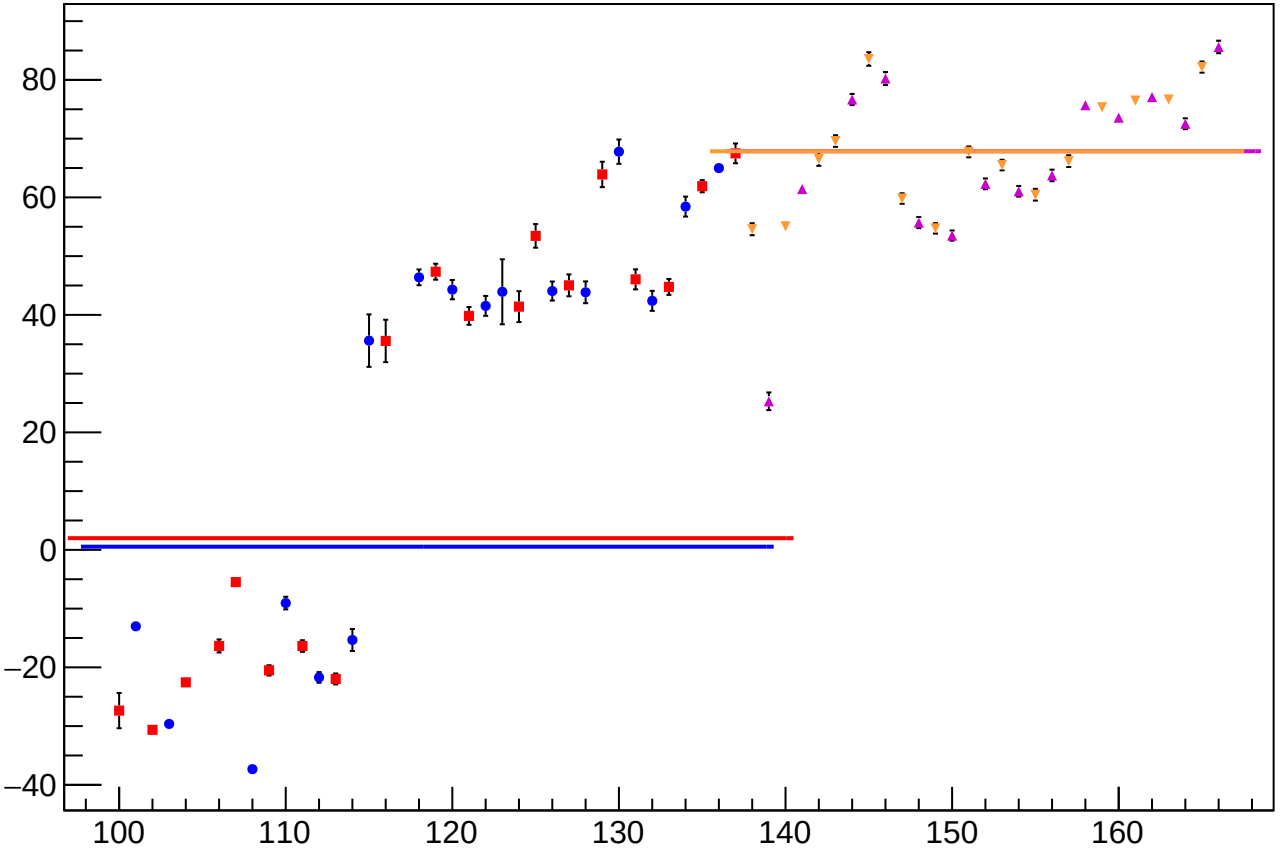
Right: -1.721+/-0.262 χ^2/NDF: 1355.0/35

In: 30.319+/-0.223 χ^2/NDF:14369.1/30

Out: 30.462+/-0.224 χ^2/NDF:11989.1/33

All: 30.390+/-0.158 χ^2/NDF: 26358.4/64

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF: 18423.8/16

Left Out: 67.849+/-0.235 χ^2/NDF:1549.6/14

Right Out: 1.990+/-0.267 χ^2/NDF: 15476.7/18

Left In: 67.856+/-0.244 χ^2/NDF:2230.3/13

Left: 67.852+/-0.169 χ^2/NDF: 3779.9/28

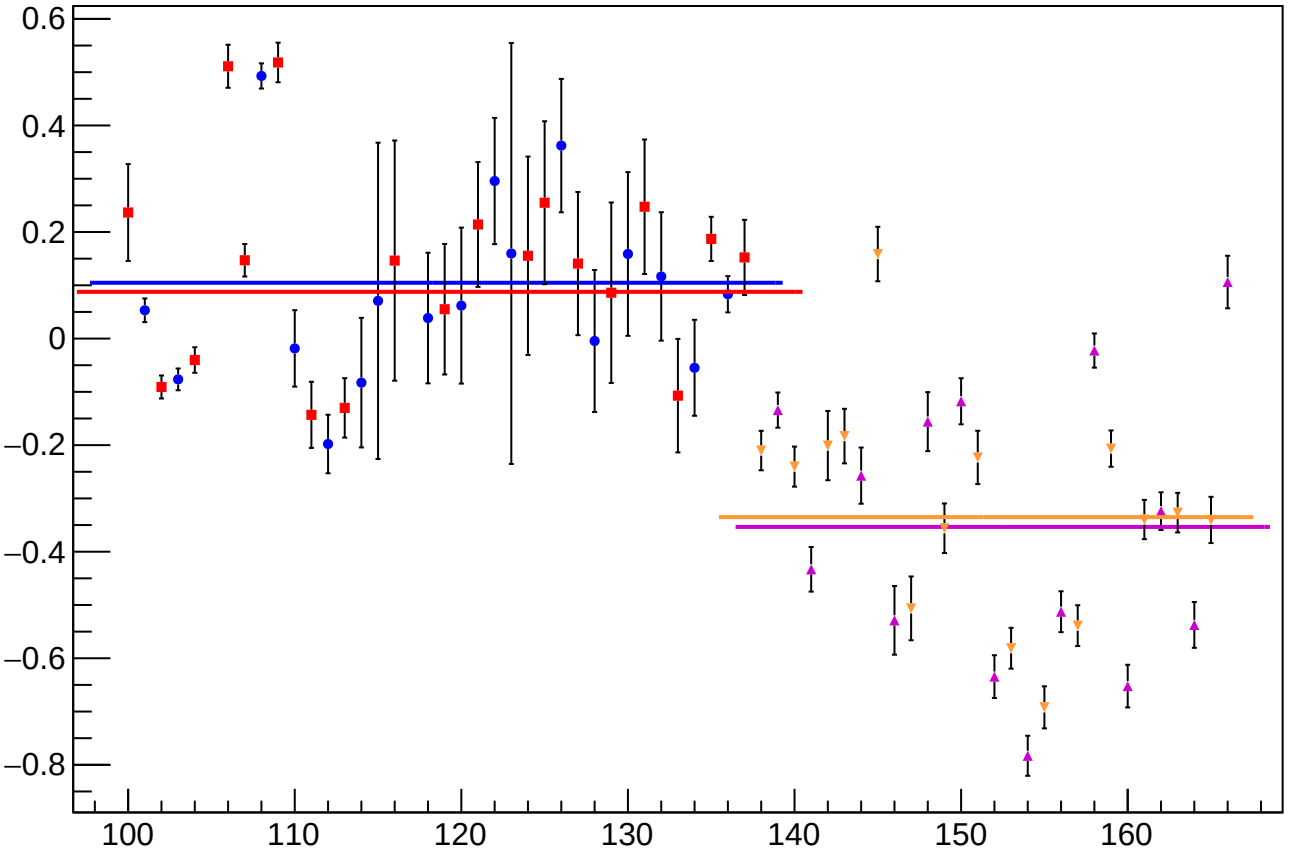
Right: 1.210+/-0.181 χ^2/NDF: 33916.4/35

In: 34.539+/-0.174 χ^2/NDF:58255.8/30

Out: 39.054+/-0.176 χ^2/NDF:51391.1/33

All: 36.762+/-0.124 χ^2/NDF: 109980.0/64

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.011 χ^2/NDF: 400.7/16

Left Out: -0.335+/-0.011 χ^2/NDF:303.0/14

Right Out: 0.088+/-0.011 χ^2/NDF: 391.0/18

Left In: -0.354+/-0.011 χ^2/NDF:565.7/13

Left: -0.344+/-0.008 χ^2/NDF: 870.1/28

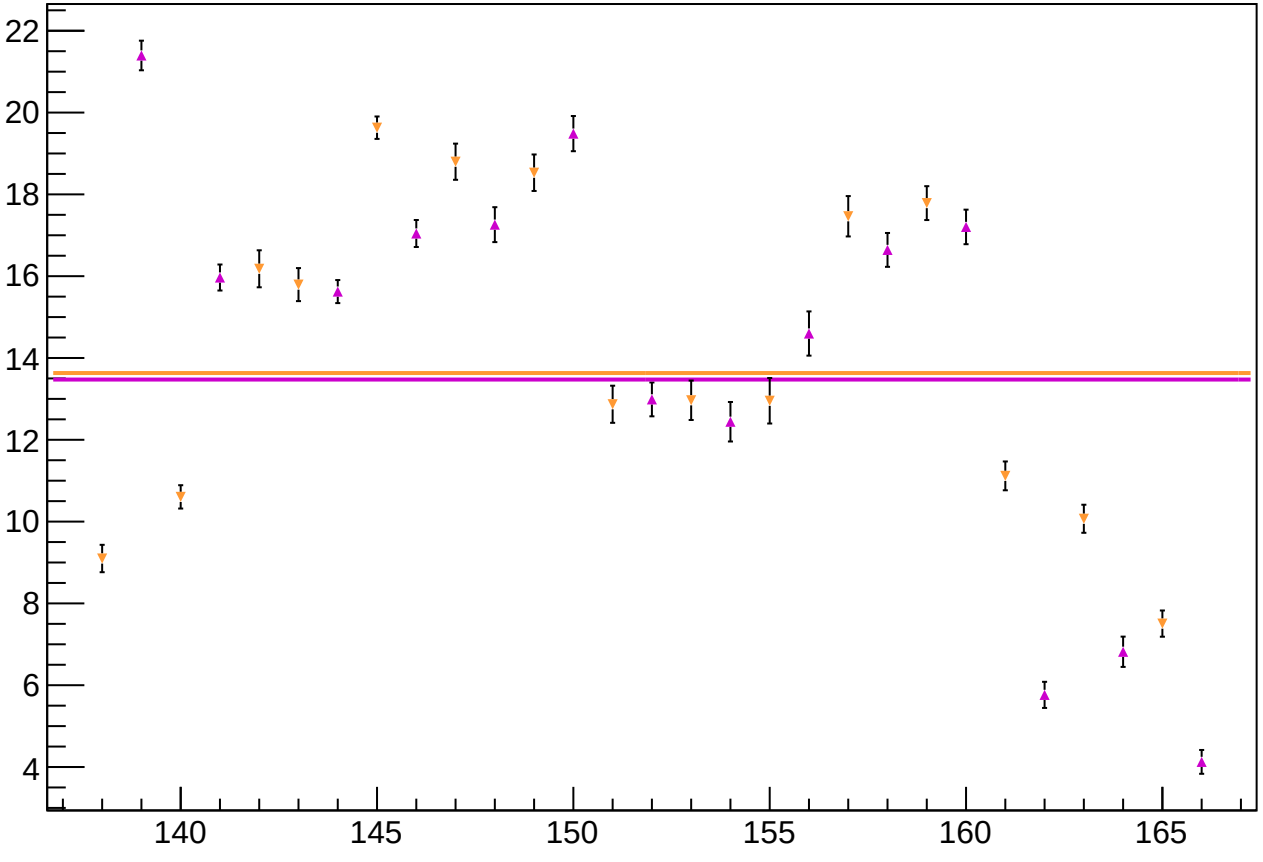
Right: 0.096+/-0.008 χ^2/NDF: 792.9/35

In: -0.126+/-0.008 χ^2/NDF:1833.9/30

Out: -0.126+/-0.008 χ^2/NDF:1440.2/33

All: -0.126+/-0.005 χ^2/NDF: 3274.1/64

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 13.632+/-0.098 χ^2/NDF:1783.7/14

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

Left In: 13.473+/-0.098 χ^2/NDF:3072.1/13

Left: 13.552+/-0.069 χ^2/NDF: 4857.2/28

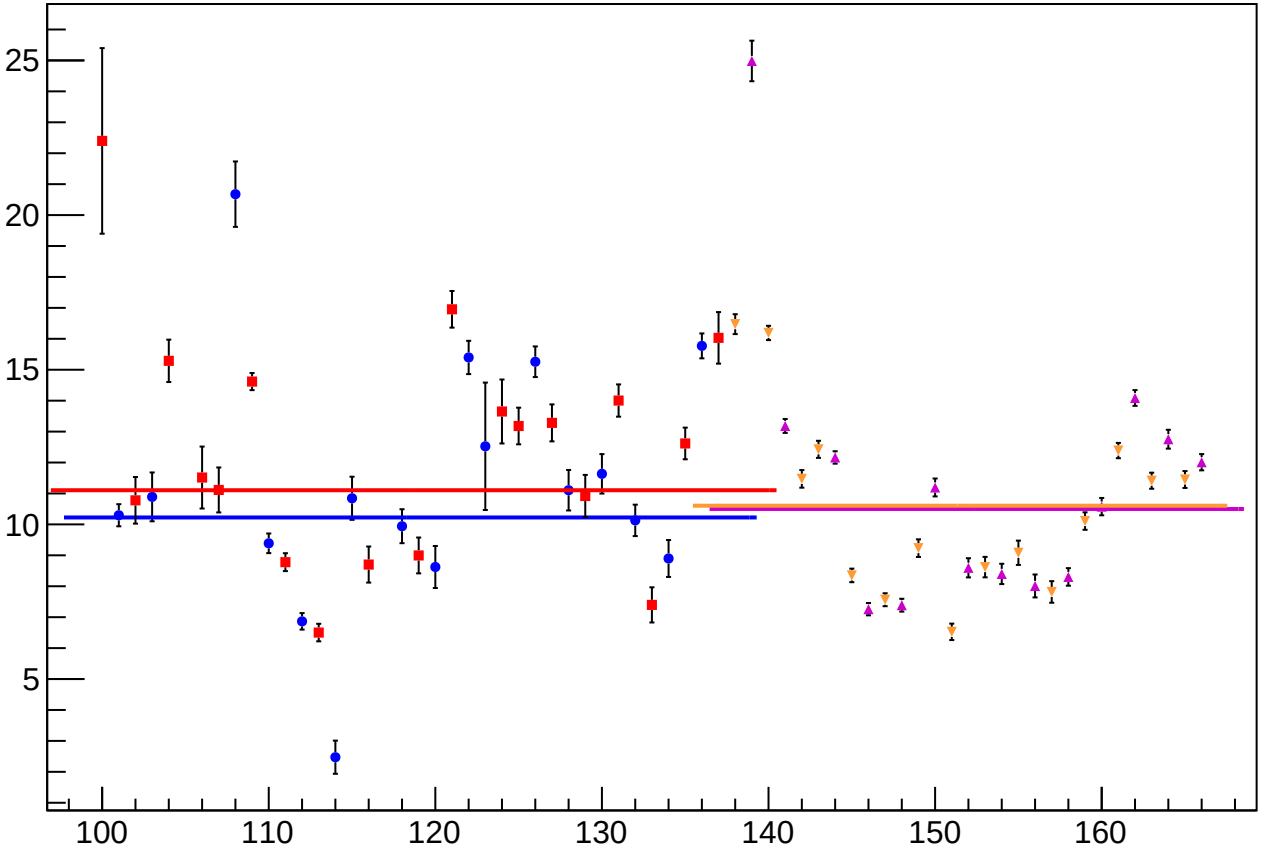
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.473+/-0.098 χ^2/NDF:3072.1/13

Out: 13.632+/-0.098 χ^2/NDF:1783.7/14

All: 13.552+/-0.069 χ^2/NDF: 4857.2/28

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224+/-0.119 χ^2/NDF: 877.6/16

Left Out: 10.604+/-0.070 χ^2/NDF:1732.3/14

Right Out: 11.104+/-0.116 χ^2/NDF: 817.2/18

Left In: 10.498+/-0.071 χ^2/NDF:1663.4/13

Left: 10.551+/-0.050 χ^2/NDF: 3396.8/28

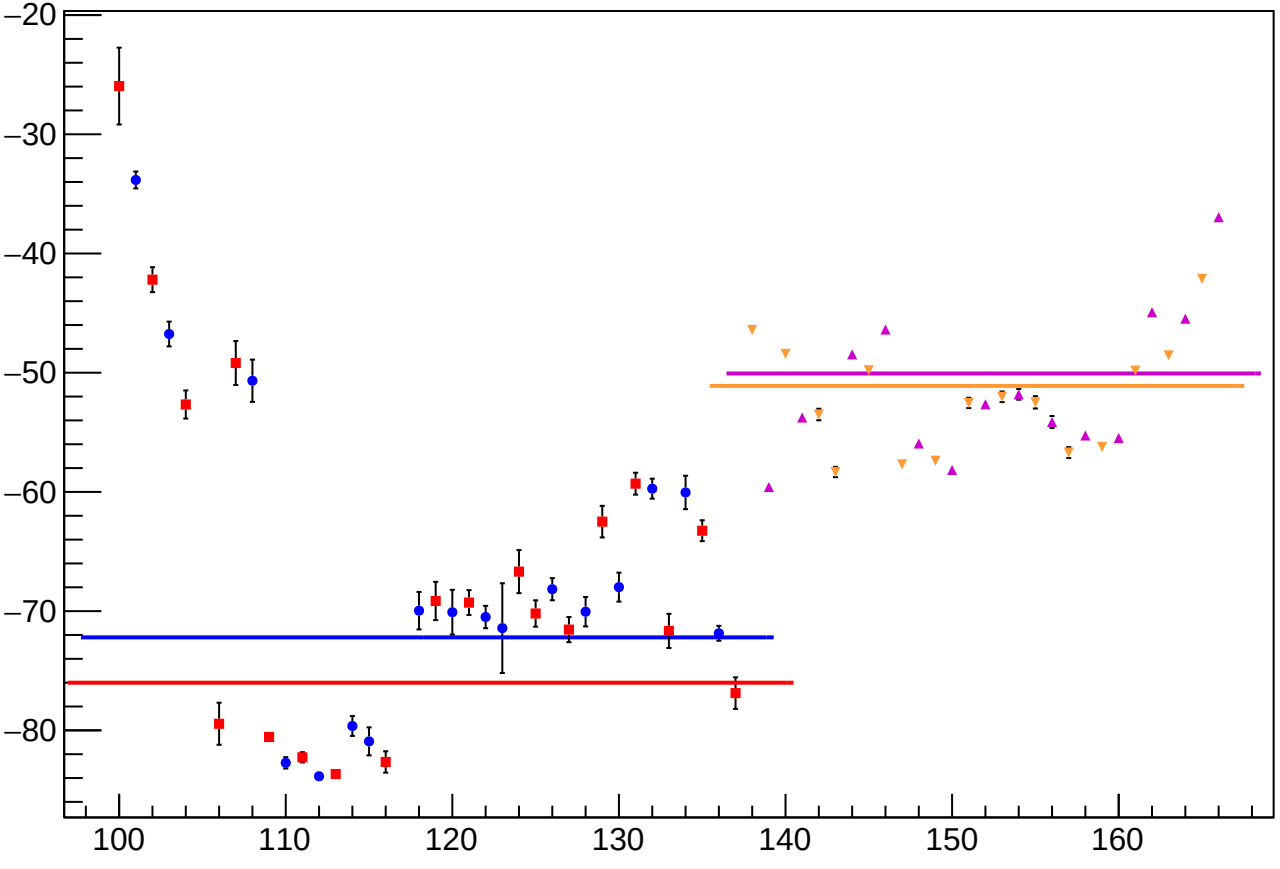
Right: 10.673+/-0.083 χ^2/NDF: 1722.7/35

In: 10.426+/-0.061 χ^2/NDF:2544.9/30

Out: 10.736+/-0.060 χ^2/NDF:2563.0/33

All: 10.584+/-0.043 χ^2/NDF: 5121.1/64

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF: 5566.9/16

Left Out: -51.103+/-0.098 χ^2/NDF:2271.6/14

Right Out: -76.003+/-0.181 χ^2/NDF: 3465.4/18

Left In: -50.062+/-0.097 χ^2/NDF:4391.5/13

Left: -50.578+/-0.069 χ^2/NDF: 6720.5/28

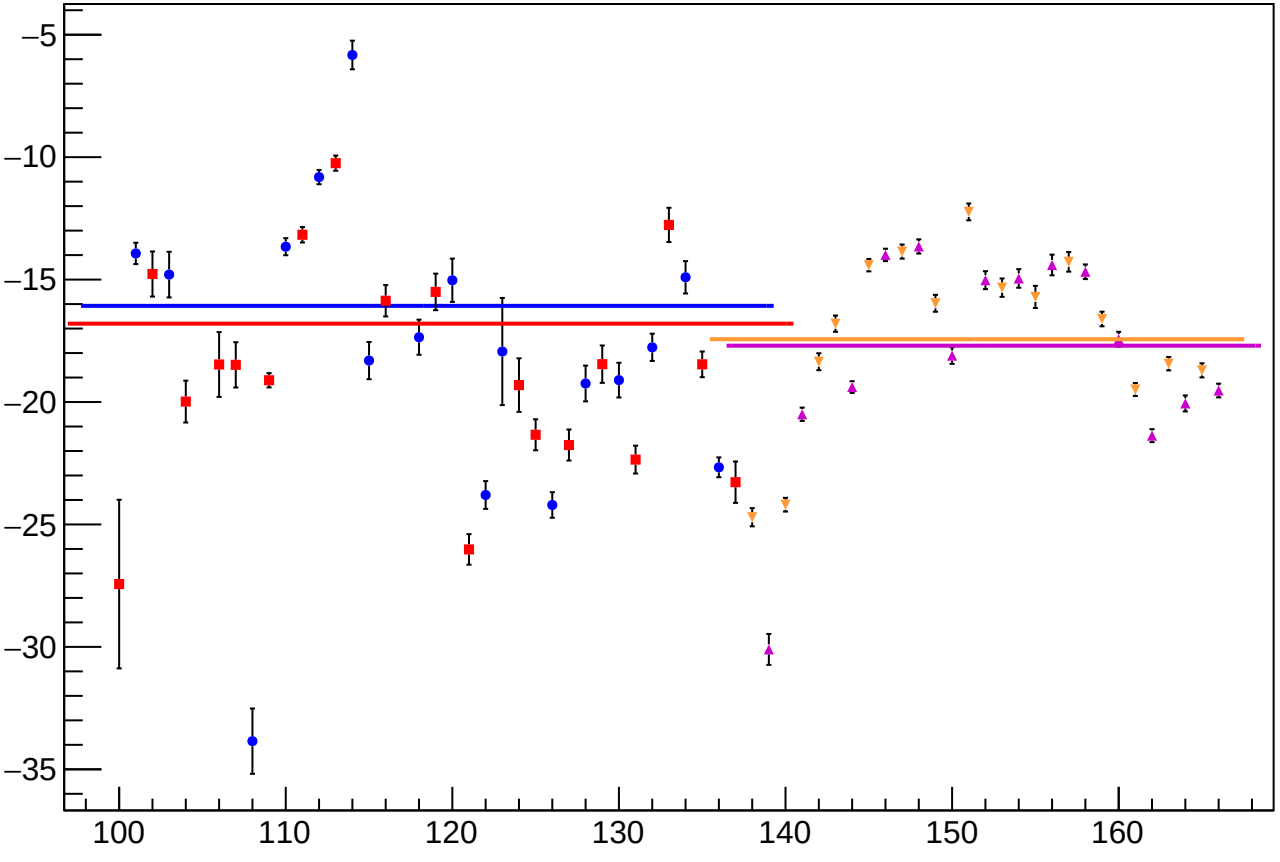
Right: -74.270+/-0.133 χ^2/NDF: 9233.6/35

In: -54.337+/-0.087 χ^2/NDF:20077.8/30

Out: -56.724+/-0.086 χ^2/NDF:20400.6/33

All: -55.543+/-0.061 χ^2/NDF: 40859.9/64

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF: 1640.9/16

Left Out: -17.434+/-0.081 χ^2/NDF:1725.4/14

Right Out: -16.799+/-0.128 χ^2/NDF: 1215.8/18

Left In: -17.699+/-0.082 χ^2/NDF:1507.4/13

Left: -17.566+/-0.058 χ^2/NDF: 3238.0/28

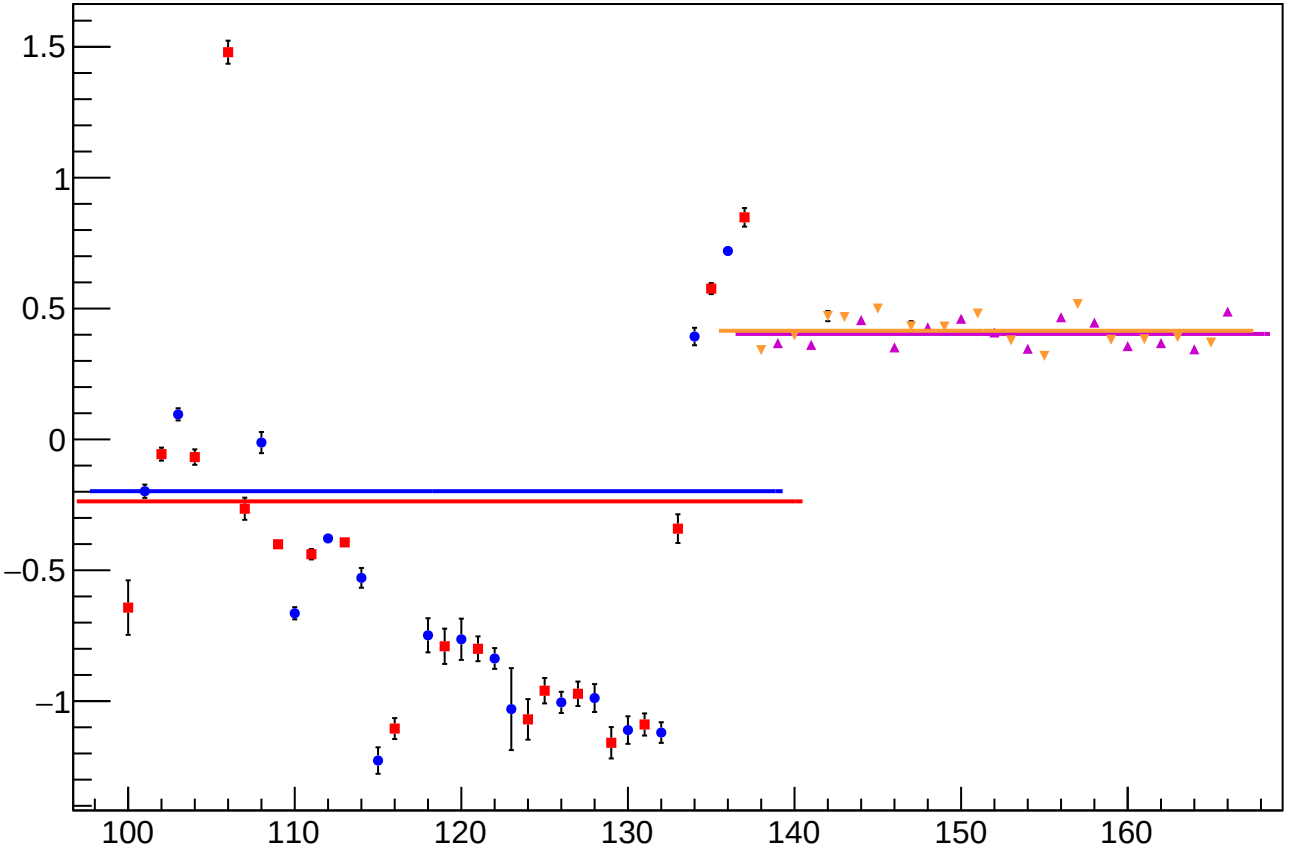
Right: -16.447+/-0.092 χ^2/NDF: 2872.2/35

In: -17.245+/-0.070 χ^2/NDF:3257.7/30

Out: -17.252+/-0.069 χ^2/NDF:2958.6/33

All: -17.249+/-0.049 χ^2/NDF: 6216.3/64

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198+/-0.008 χ^2/NDF: 6338.8/16

Left Out: 0.415+/-0.004 χ^2/NDF:220.0/14

Right Out: -0.237+/-0.007 χ^2/NDF: 6221.9/18

Left In: 0.403+/-0.004 χ^2/NDF:173.5/13

Left: 0.409+/-0.003 χ^2/NDF: 398.4/28

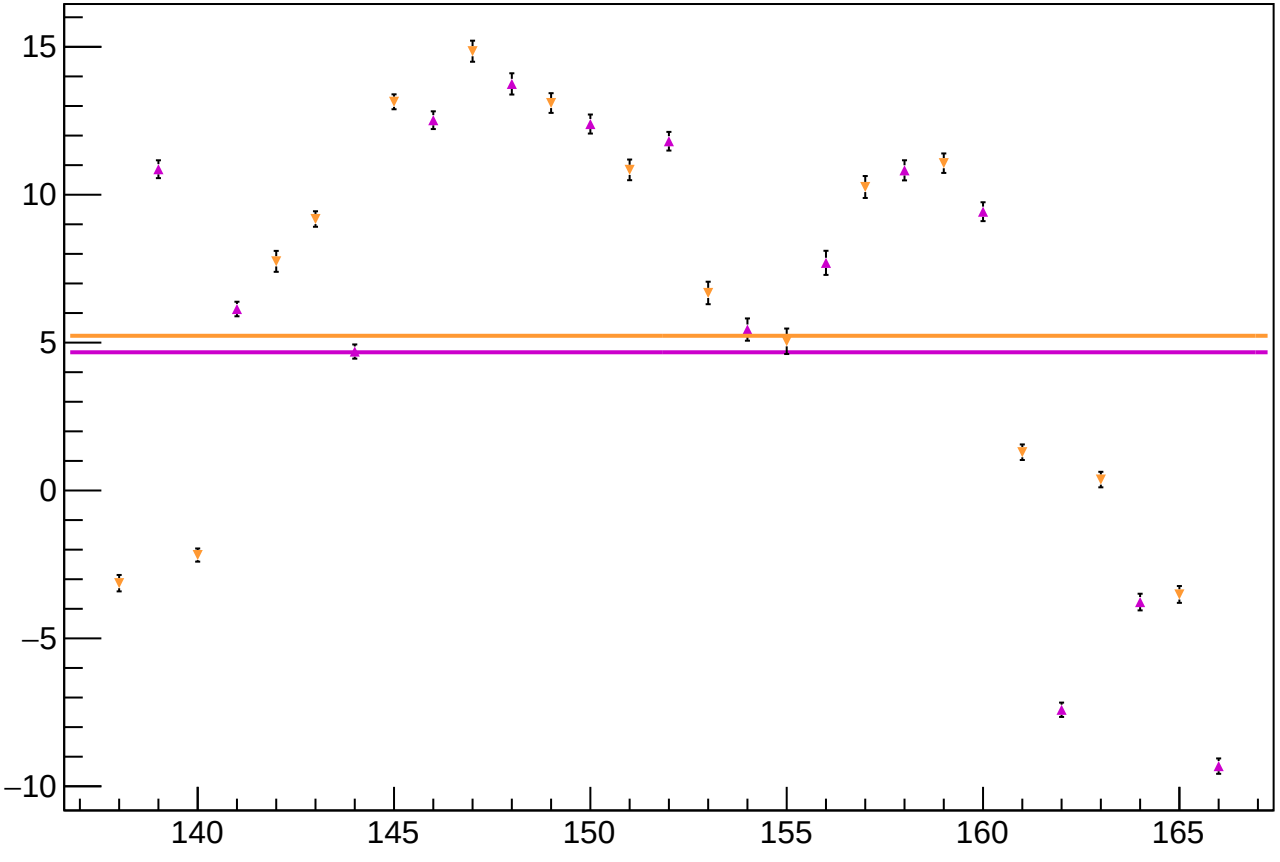
Right: -0.218+/-0.005 χ^2/NDF: 12574.6/35

In: 0.278+/-0.003 χ^2/NDF:11543.2/30

Out: 0.269+/-0.003 χ^2/NDF:12847.9/33

All: 0.273+/-0.002 χ^2/NDF: 24394.7/64

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 5.231+/-0.077 χ^2/NDF:6843.0/14

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

Left In: 4.673+/-0.079 χ^2/NDF:9760.5/13

Left: 4.958+/-0.055 χ^2/NDF: 16628.8/28

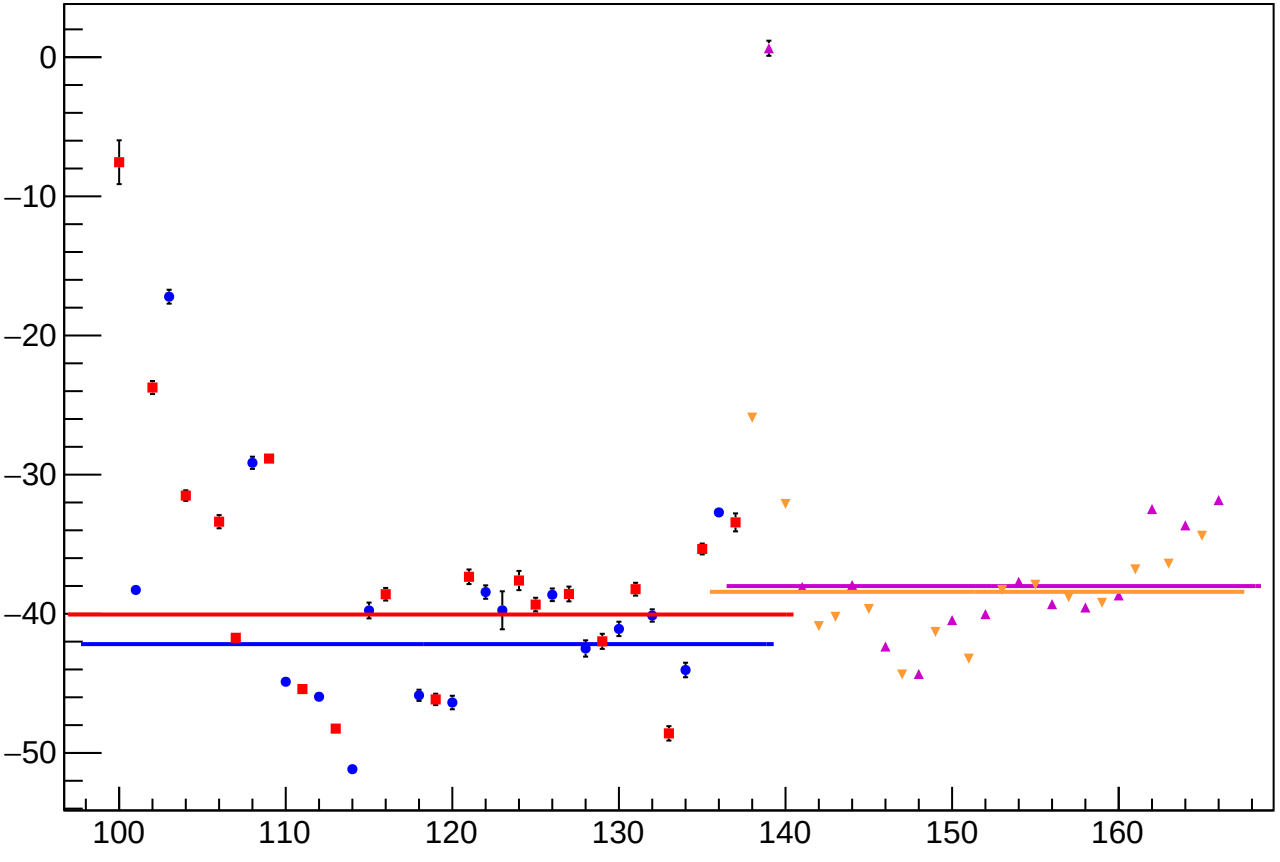
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.673+/-0.079 χ^2/NDF:9760.5/13

Out: 5.231+/-0.077 χ^2/NDF:6843.0/14

All: 4.958+/-0.055 χ^2/NDF: 16628.8/28

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF: 6573.8/16

Left Out: -38.421+/-0.055 χ^2/NDF:6052.2/14

Right Out: -40.052+/-0.073 χ^2/NDF: 11313.5/18

Left In: -38.008+/-0.058 χ^2/NDF:9009.9/13

Left: -38.223+/-0.040 χ^2/NDF: 15089.0/28

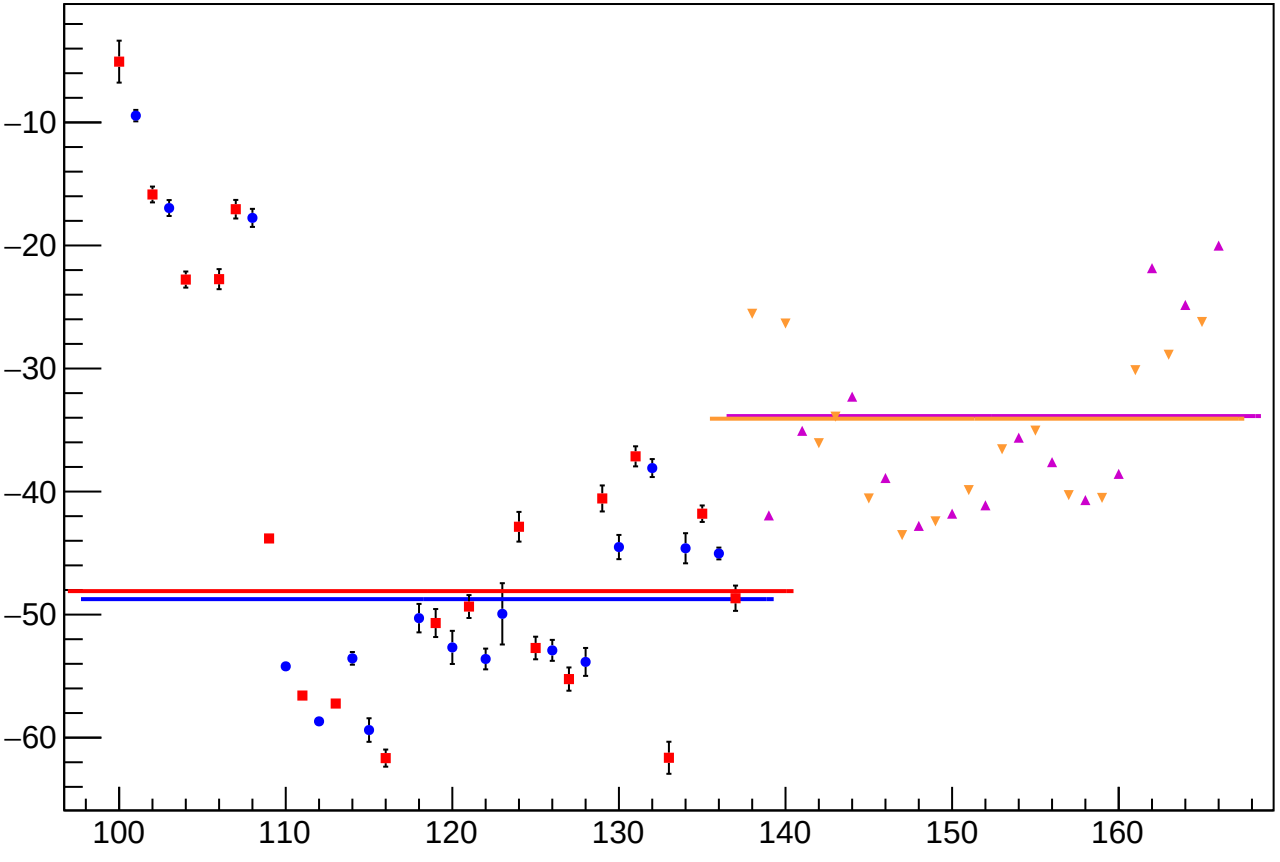
Right: -41.045+/-0.053 χ^2/NDF: 18285.9/35

In: -39.482+/-0.046 χ^2/NDF:17443.3/30

Out: -39.015+/-0.044 χ^2/NDF:17685.2/33

All: -39.236+/-0.032 χ^2/NDF: 35182.3/64

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF: 14658.5/16

Left Out: -34.078+/-0.077 χ^2/NDF:6572.0/14

Right Out: -48.091+/-0.107 χ^2/NDF: 11731.5/18

Left In: -33.865+/-0.078 χ^2/NDF:10274.1/13

Left: -33.972+/-0.055 χ^2/NDF: 16849.8/28

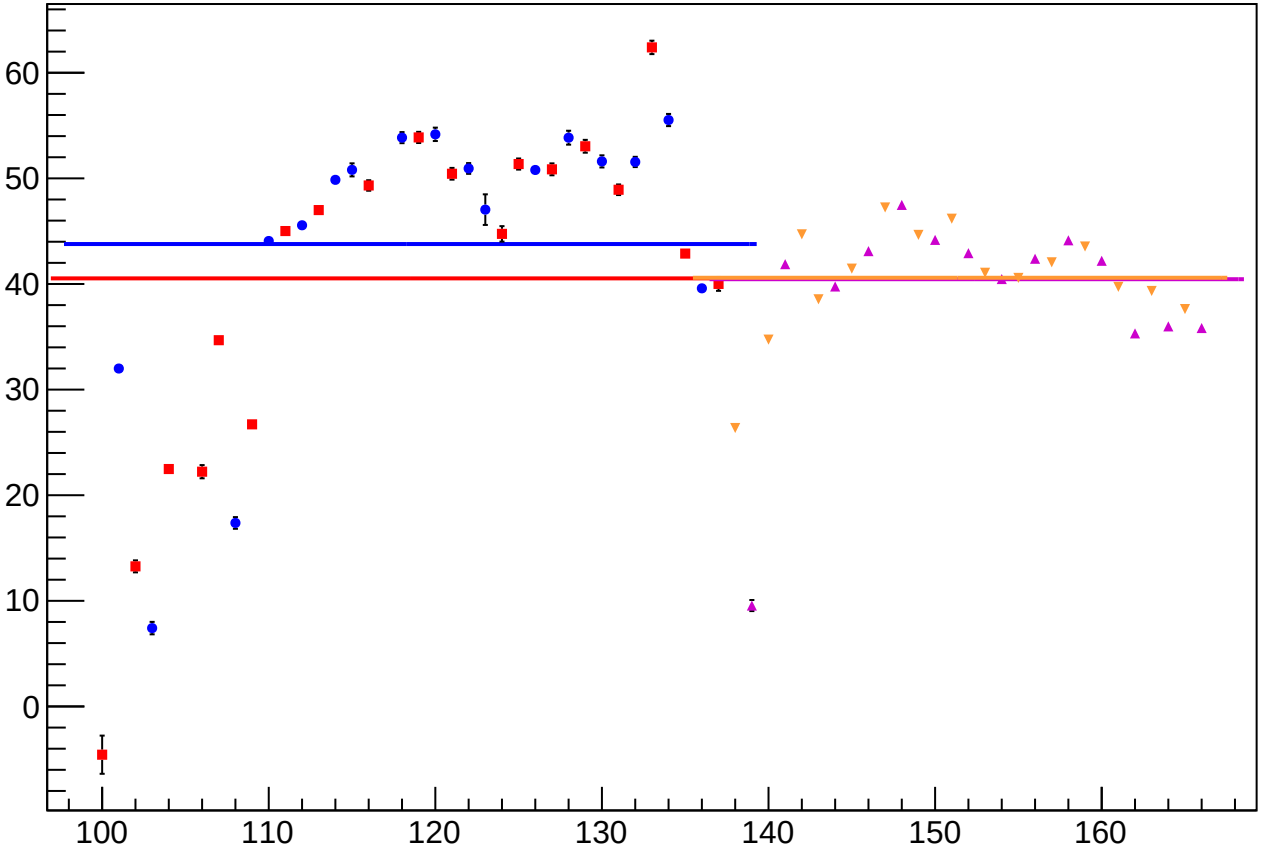
Right: -48.369+/-0.081 χ^2/NDF: 26405.8/35

In: -38.058+/-0.066 χ^2/NDF:35200.9/30

Out: -38.857+/-0.063 χ^2/NDF:29558.9/33

All: -38.479+/-0.045 χ^2/NDF: 64836.9/64

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782+/-0.087 χ^2/NDF: 10638.7/16

Left Out: 40.589+/-0.064 χ^2/NDF:5015.6/14

Right Out: 40.530+/-0.080 χ^2/NDF: 17580.7/18

Left In: 40.453+/-0.066 χ^2/NDF:6409.6/13

Left: 40.523+/-0.046 χ^2/NDF: 11427.4/28

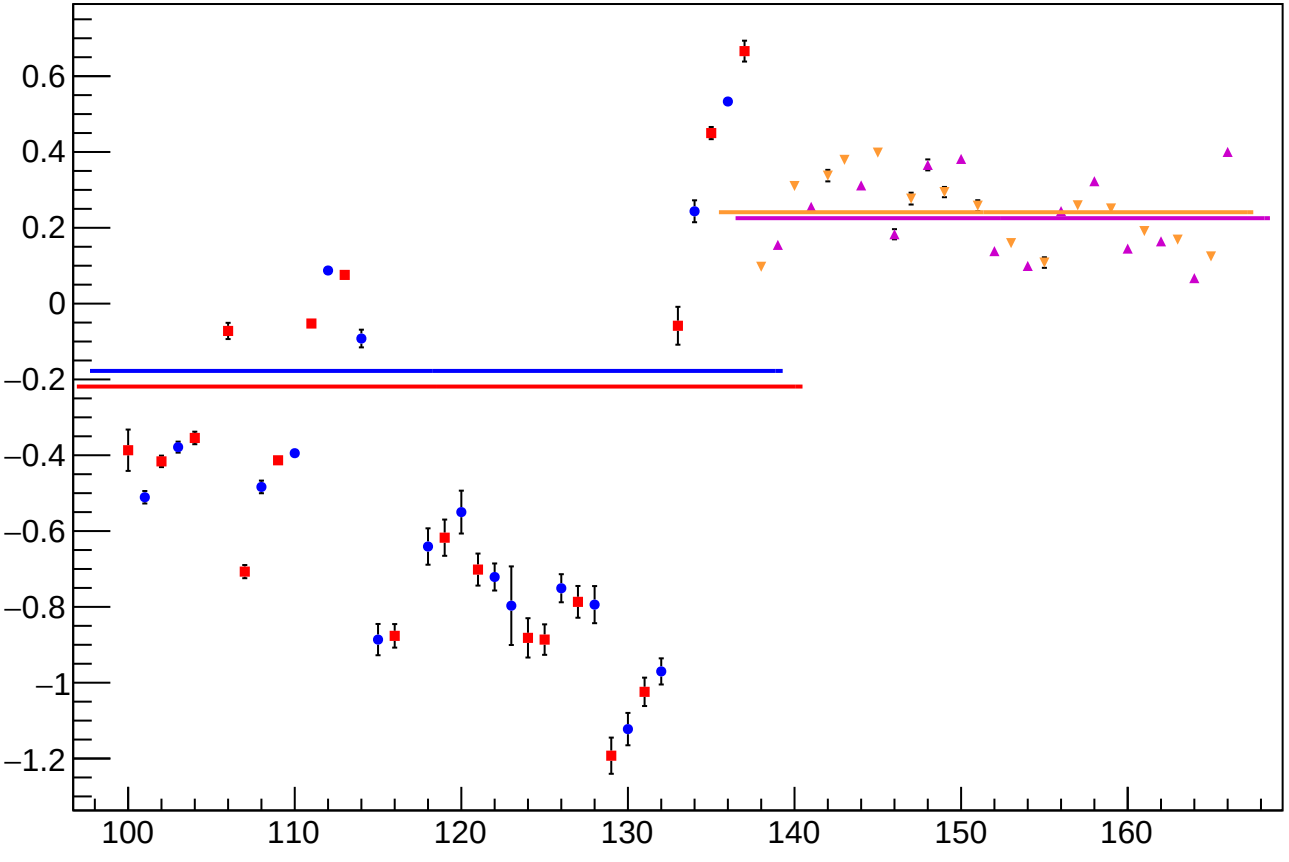
Right: 42.031+/-0.059 χ^2/NDF: 28978.3/35

In: 41.684+/-0.053 χ^2/NDF:17979.4/30

Out: 40.566+/-0.050 χ^2/NDF:22596.6/33

All: 41.097+/-0.036 χ^2/NDF: 40812.4/64

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178+/-0.005 χ^2/NDF: 7375.8/16

Left Out: 0.241+/-0.003 χ^2/NDF:940.6/14

Right Out: -0.219+/-0.004 χ^2/NDF: 7470.0/18

Left In: 0.225+/-0.003 χ^2/NDF:1110.1/13

Left: 0.233+/-0.002 χ^2/NDF: 2063.9/28

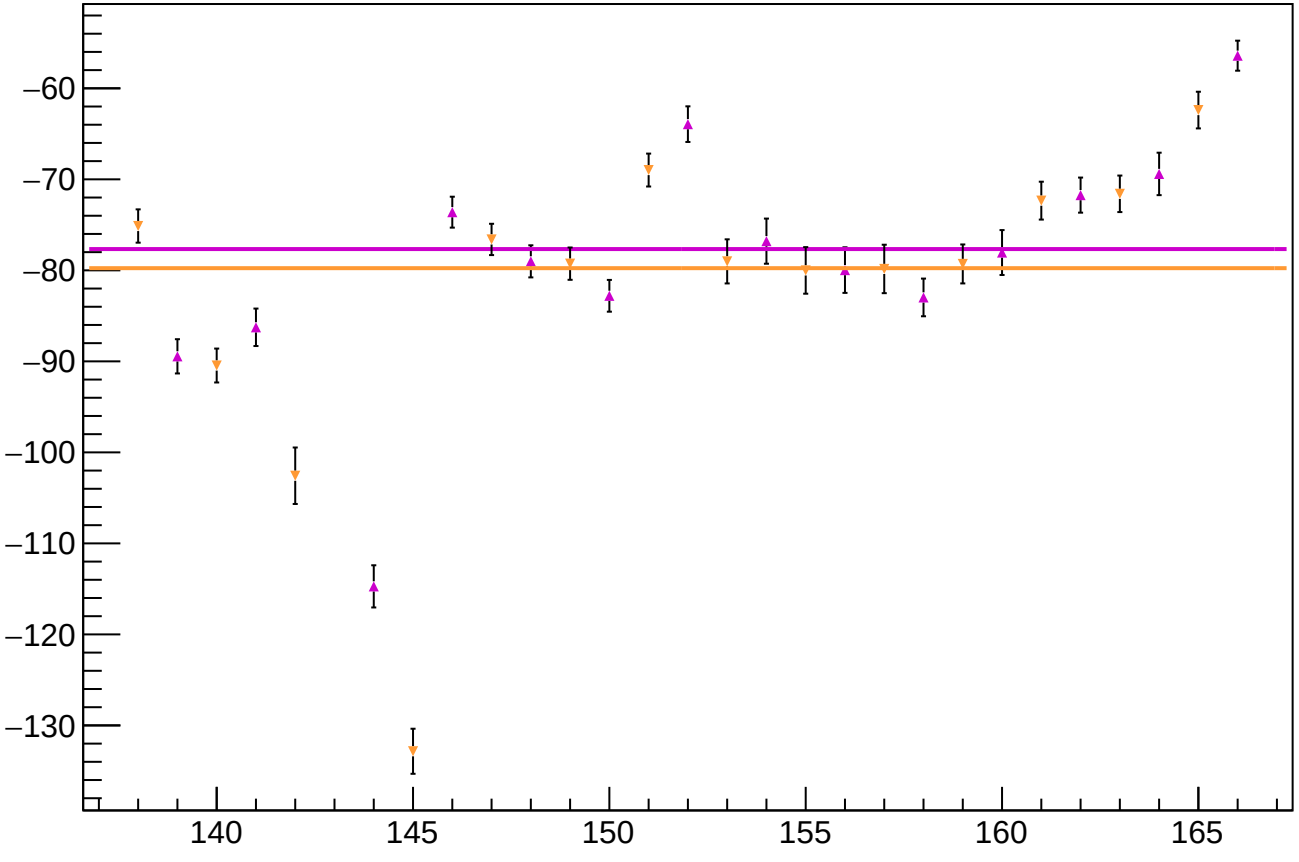
Right: -0.201+/-0.003 χ^2/NDF: 14886.5/35

In: 0.108+/-0.003 χ^2/NDF:13406.2/30

Out: 0.087+/-0.002 χ^2/NDF:16025.8/33

All: 0.097+/-0.002 χ^2/NDF: 29464.6/64

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -79.761+/-0.557 χ^2/NDF:695.8/13

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

Left In: -77.661+/-0.534 χ^2/NDF:572.0/13

Left: -78.668+/-0.386 χ^2/NDF: 1275.2/27

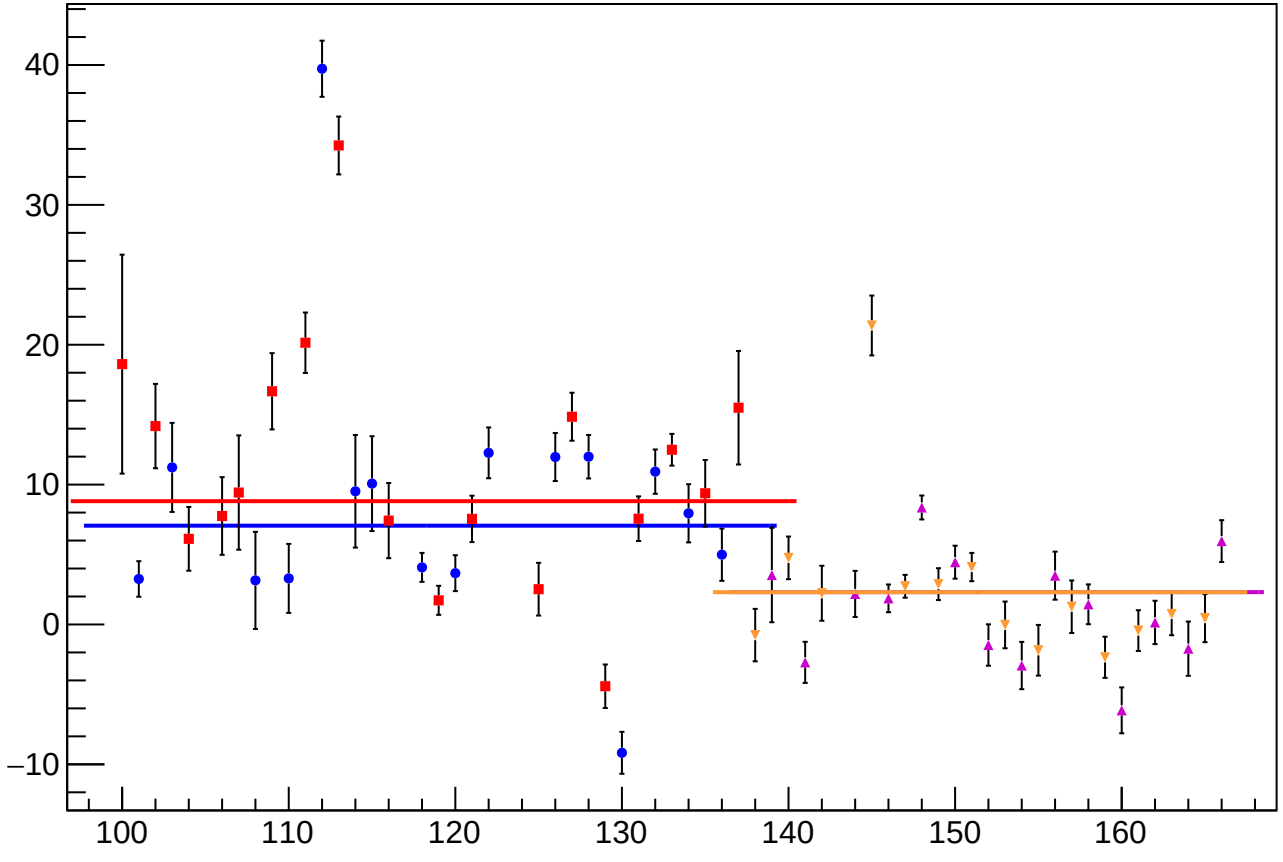
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -77.661+/-0.534 χ^2/NDF:572.0/13

Out: -79.761+/-0.557 χ^2/NDF:695.8/13

All: -78.668+/-0.386 χ^2/NDF: 1275.2/27

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063+/-0.434 χ^2/NDF: 446.9/15

Left Out: 2.309+/-0.375 χ^2/NDF:111.7/13

Right Out: 8.816+/-0.449 χ^2/NDF: 350.4/17

Left In: 2.312+/-0.374 χ^2/NDF:121.1/13

Left: 2.311+/-0.265 χ^2/NDF: 232.7/27

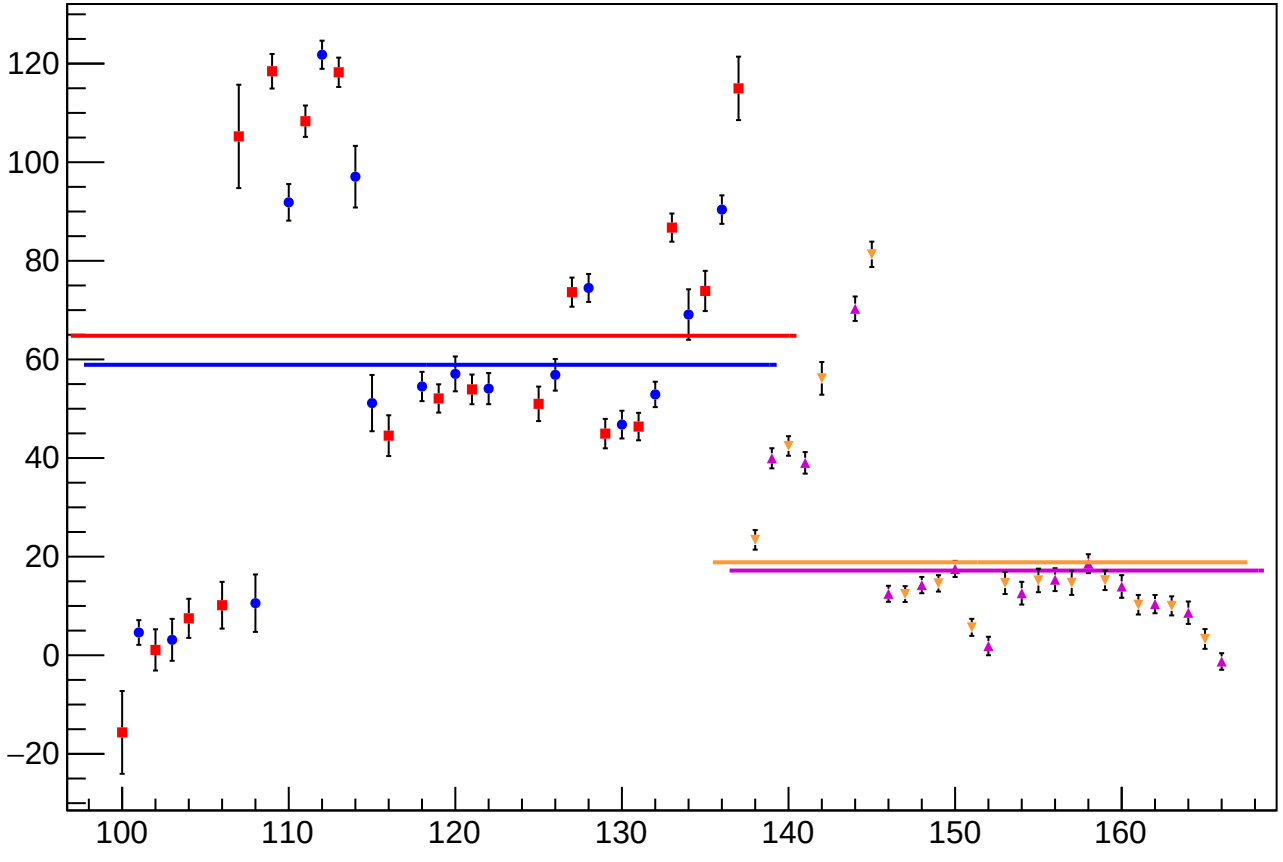
Right: 7.909+/-0.312 χ^2/NDF: 805.1/33

In: 4.337+/-0.283 χ^2/NDF:636.9/29

Out: 4.987+/-0.288 χ^2/NDF:585.6/31

All: 4.657+/-0.202 χ^2/NDF: 1225.0/61

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913+/-0.831 χ^2/NDF: 1496.7/15

Left Out: 18.858+/-0.542 χ^2/NDF:1057.3/13

Right Out: 64.803+/-0.840 χ^2/NDF: 1718.2/17

Left In: 17.176+/-0.520 χ^2/NDF:917.2/13

Left: 17.982+/-0.375 χ^2/NDF: 1979.5/27

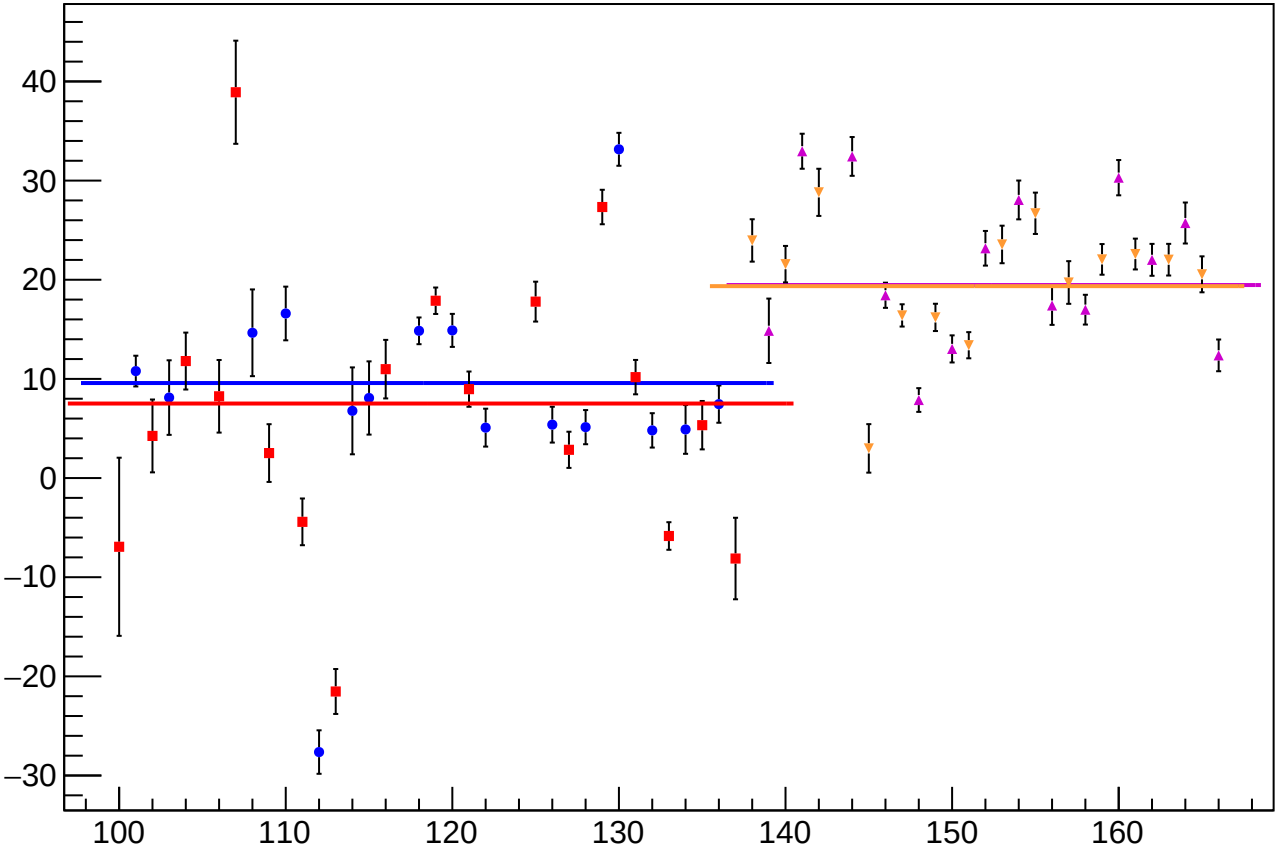
Right: 61.827+/-0.591 χ^2/NDF: 3239.7/33

In: 28.924+/-0.441 χ^2/NDF:4224.6/29

Out: 32.369+/-0.456 χ^2/NDF:4886.2/31

All: 30.590+/-0.317 χ^2/NDF: 9140.3/61

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583+/-0.501 χ^2/NDF: 554.4/15

Left Out: 19.355+/-0.447 χ^2/NDF:127.2/13

Right Out: 7.516+/-0.516 χ^2/NDF: 569.8/17

Left In: 19.466+/-0.441 χ^2/NDF:317.1/13

Left: 19.411+/-0.314 χ^2/NDF: 444.4/27

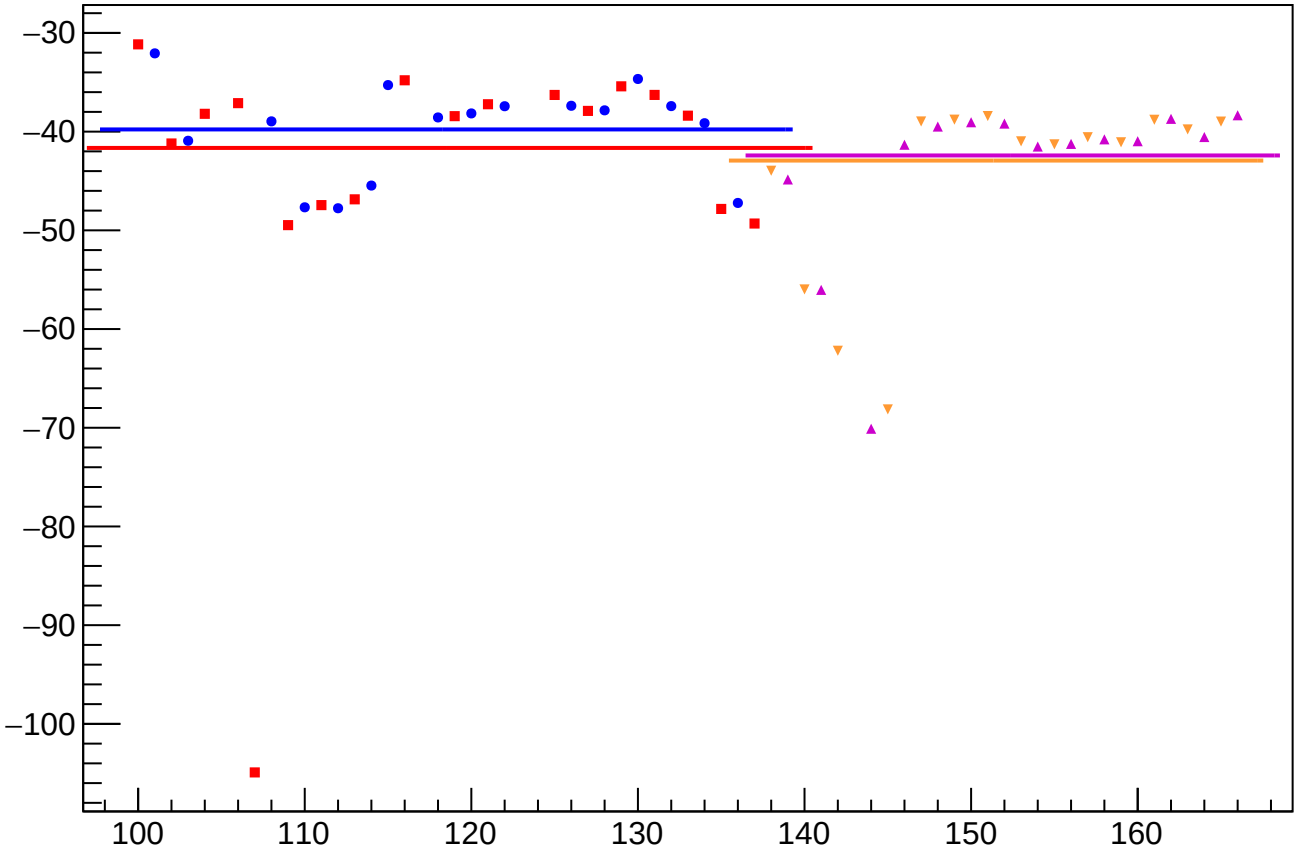
Right: 8.579+/-0.359 χ^2/NDF: 1132.5/33

In: 15.157+/-0.331 χ^2/NDF:1090.9/29

Out: 14.277+/-0.338 χ^2/NDF:998.0/31

All: 14.726+/-0.236 χ^2/NDF: 2092.4/61

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF: 26158.0/15

Left Out: -42.931+/-0.022 χ^2/NDF:124457.6/13

Right Out: -41.651+/-0.031 χ^2/NDF: 94457.5/17

Left In: -42.414+/-0.021 χ^2/NDF:102921.6/13

Left: -42.662+/-0.015 χ^2/NDF: 227677.6/27

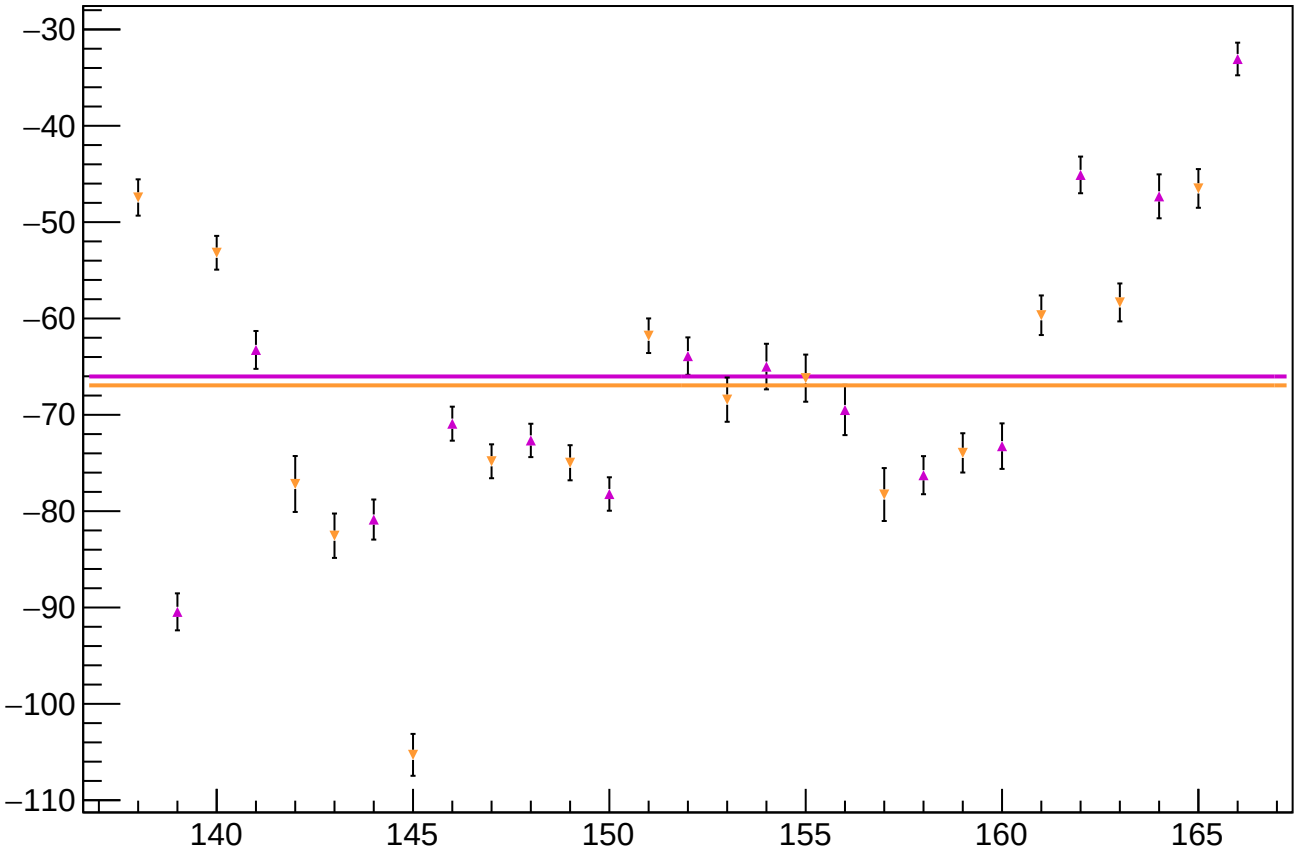
Right: -40.710+/-0.022 χ^2/NDF: 122427.7/33

In: -41.600+/-0.017 χ^2/NDF:134060.0/29

Out: -42.516+/-0.018 χ^2/NDF:220053.7/31

All: -42.045+/-0.012 χ^2/NDF: 355482.5/61

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -66.943+/-0.532 χ^2/NDF:750.5/14

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

Left In: -66.018+/-0.528 χ^2/NDF:892.9/13

Left: -66.477+/-0.375 χ^2/NDF: 1644.9/28

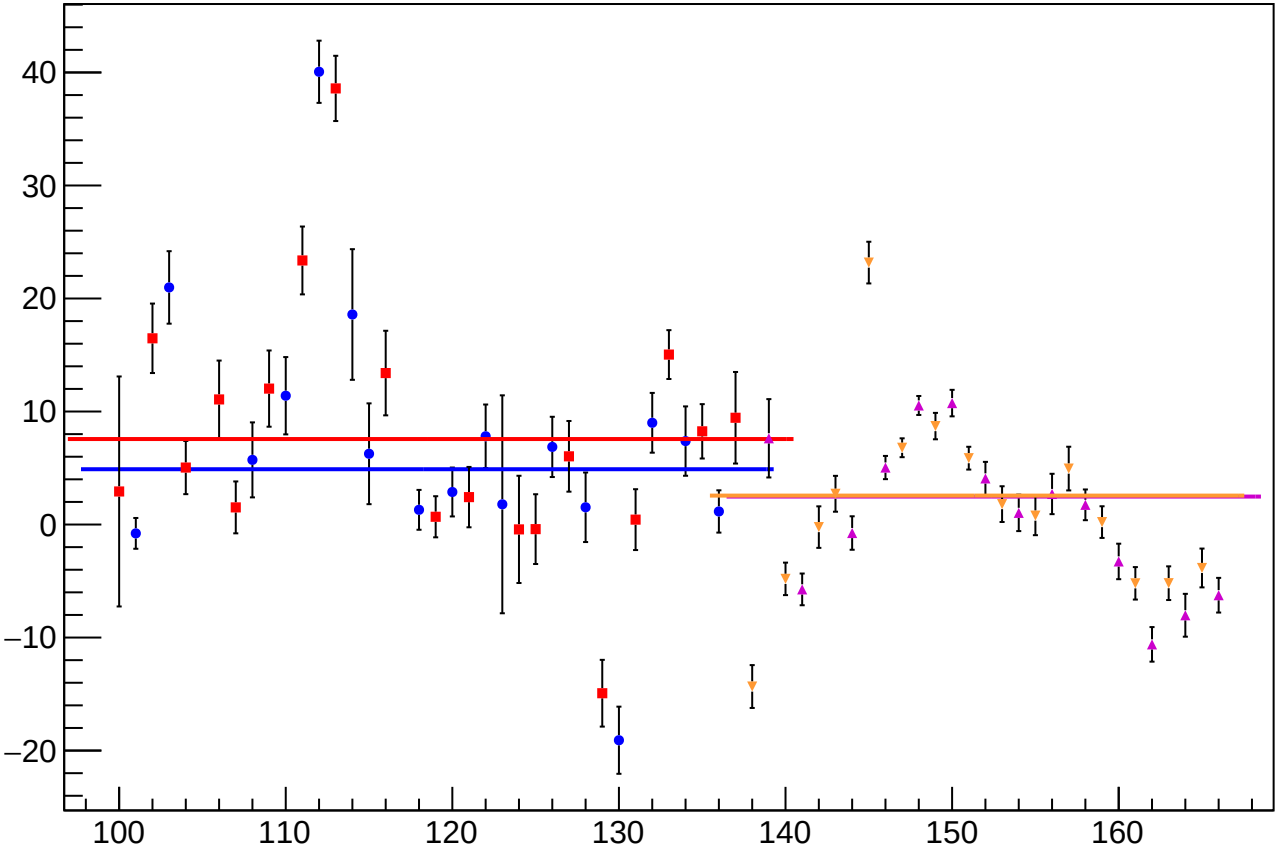
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -66.018+/-0.528 χ^2/NDF:892.9/13

Out: -66.943+/-0.532 χ^2/NDF:750.5/14

All: -66.477+/-0.375 χ^2/NDF: 1644.9/28

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894+/-0.621 χ^2/NDF: 295.4/16

Left Out: 2.560+/-0.361 χ^2/NDF:372.8/14

Right Out: 7.565+/-0.652 χ^2/NDF: 270.2/18

Left In: 2.474+/-0.368 χ^2/NDF:341.2/13

Left: 2.518+/-0.258 χ^2/NDF: 714.1/28

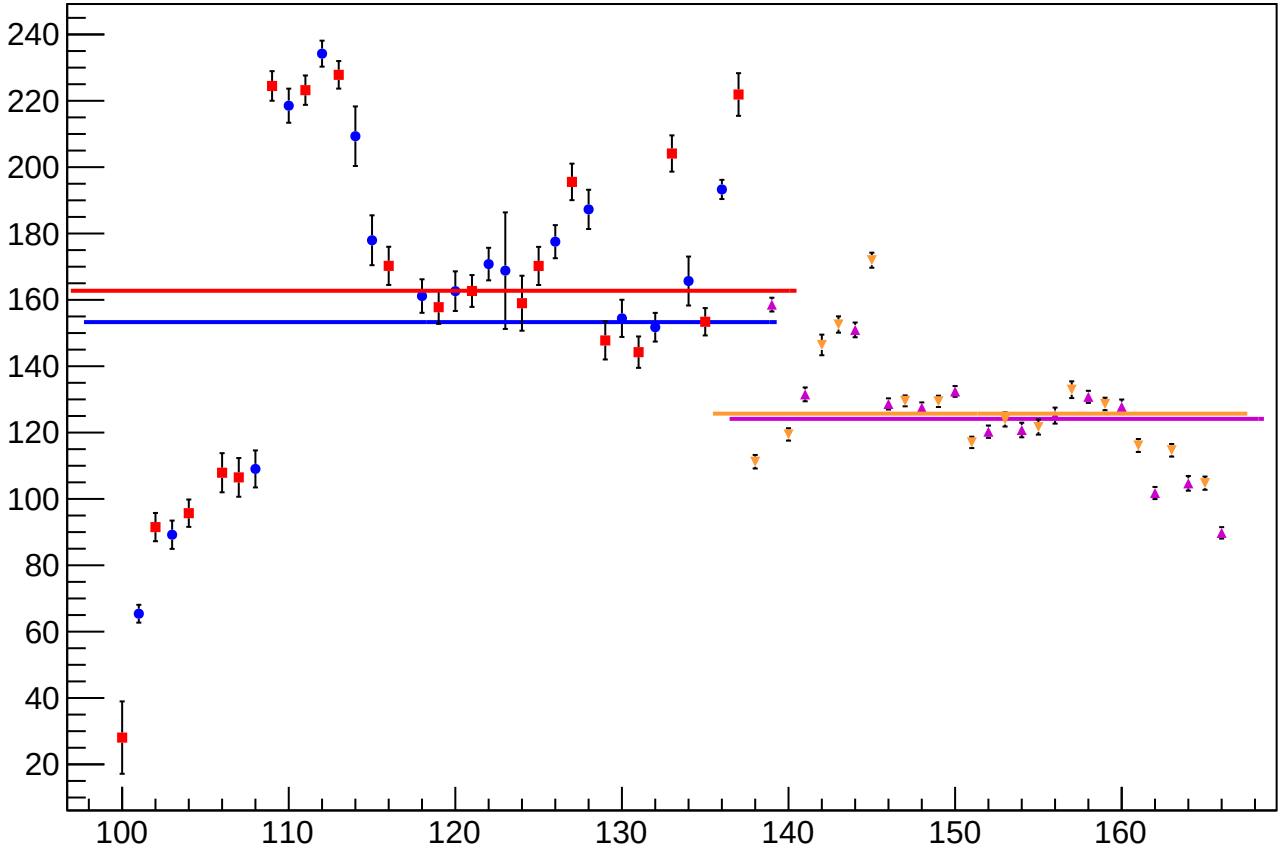
Right: 6.165+/-0.450 χ^2/NDF: 574.4/35

In: 3.103+/-0.317 χ^2/NDF:647.8/30

Out: 3.734+/-0.316 χ^2/NDF:688.2/33

All: 3.420+/-0.224 χ^2/NDF: 1338.0/64

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF: 2266.8/16

Left Out: 125.712+/-0.521 χ^2/NDF:858.5/14

Right Out: 162.747+/-1.177 χ^2/NDF: 1708.7/18

Left In: 124.133+/-0.514 χ^2/NDF:1114.9/13

Left: 124.912+/-0.366 χ^2/NDF: 1978.1/28

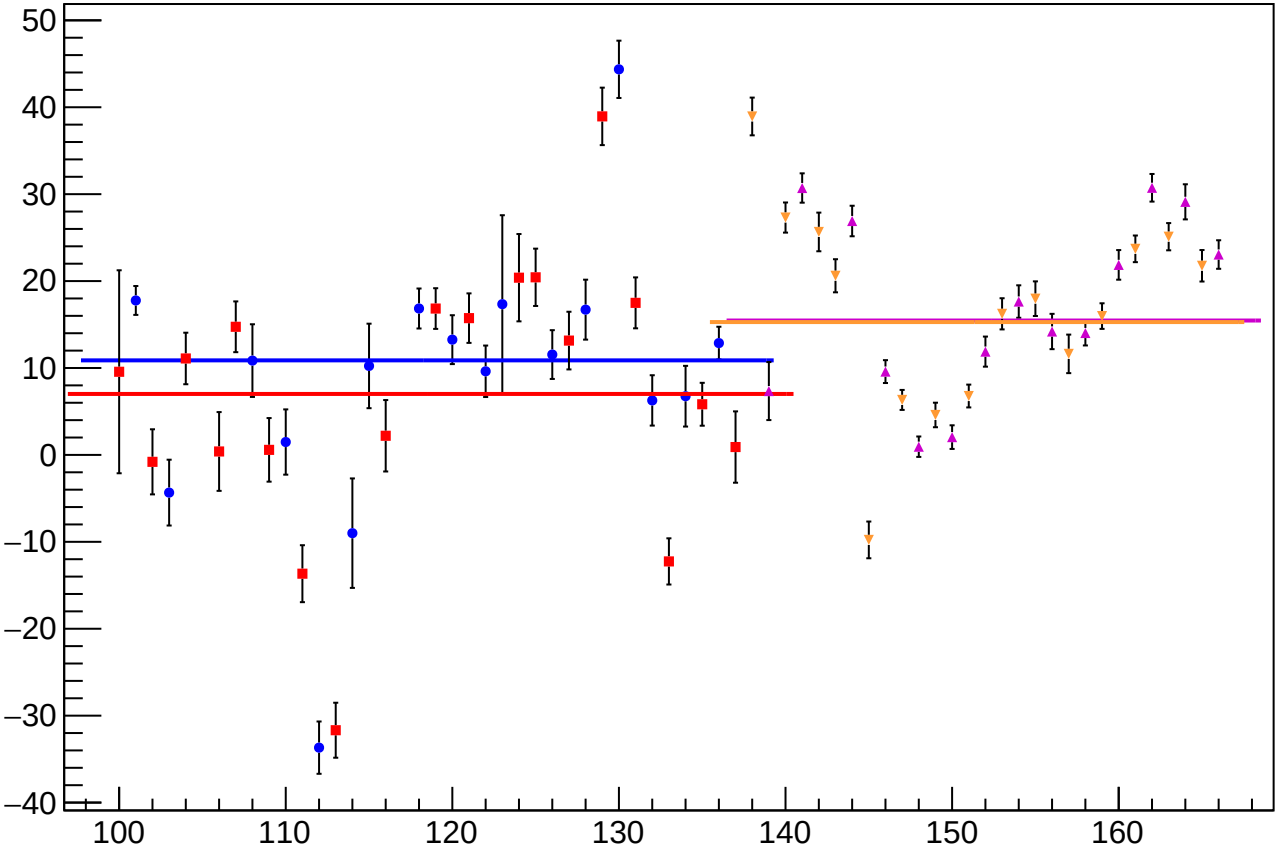
Right: 157.893+/-0.820 χ^2/NDF: 4008.6/35

In: 129.027+/-0.469 χ^2/NDF:3921.9/30

Out: 131.787+/-0.477 χ^2/NDF:3395.4/33

All: 130.385+/-0.334 χ^2/NDF: 7334.3/64

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF: 388.1/16

Left Out: 15.284+/-0.428 χ^2/NDF:584.5/14

Right Out: 7.014+/-0.748 χ^2/NDF: 424.5/18

Left In: 15.462+/-0.434 χ^2/NDF:580.6/13

Left: 15.372+/-0.305 χ^2/NDF: 1165.2/28

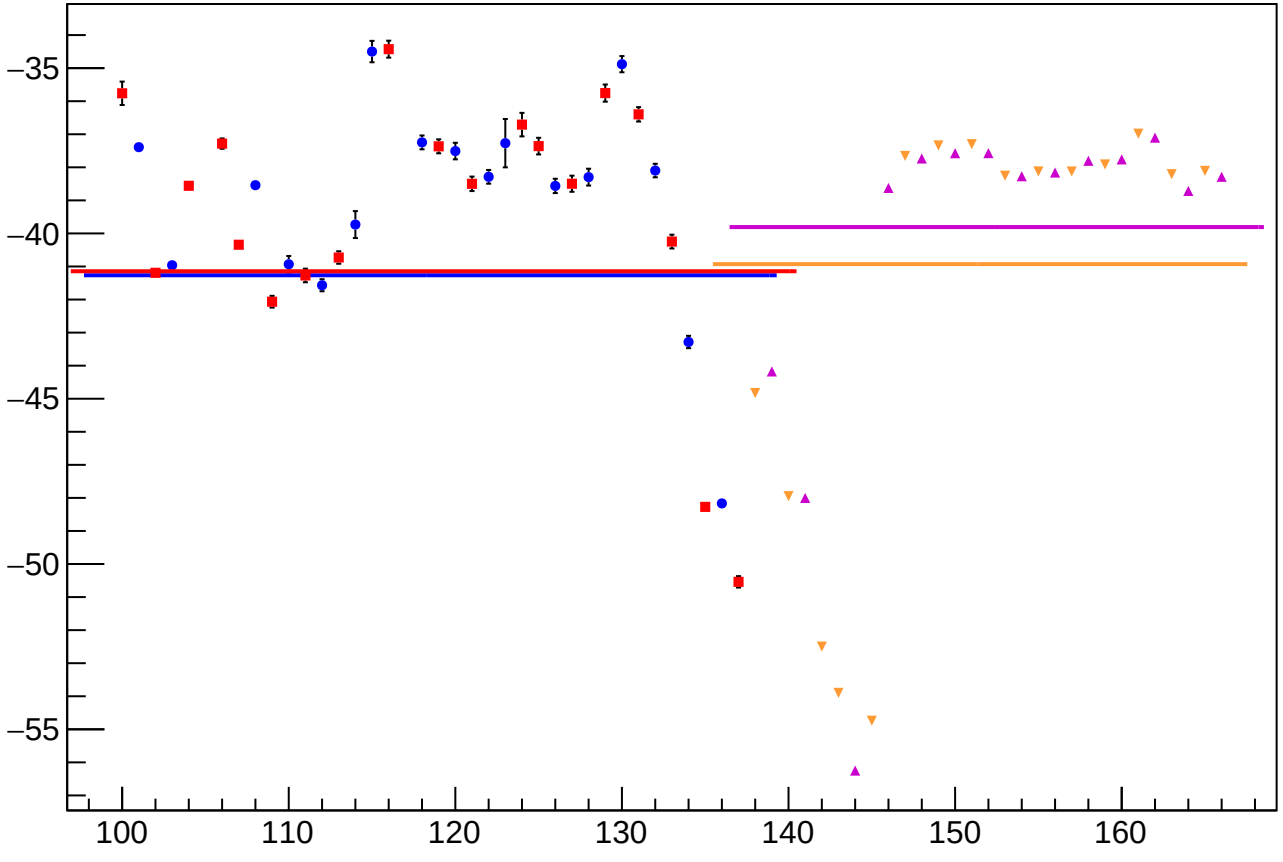
Right: 9.038+/-0.516 χ^2/NDF: 826.6/35

In: 14.225+/-0.371 χ^2/NDF:998.9/30

Out: 13.242+/-0.372 χ^2/NDF:1101.0/33

All: 13.735+/-0.262 χ^2/NDF: 2103.4/64

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF: 12570.1/16

Left Out: -40.928+/-0.021 χ^2/NDF:76804.1/14

Right Out: -41.144+/-0.039 χ^2/NDF: 12218.7/18

Left In: -39.808+/-0.021 χ^2/NDF:48865.8/13

Left: -40.361+/-0.015 χ^2/NDF: 127146.7/28

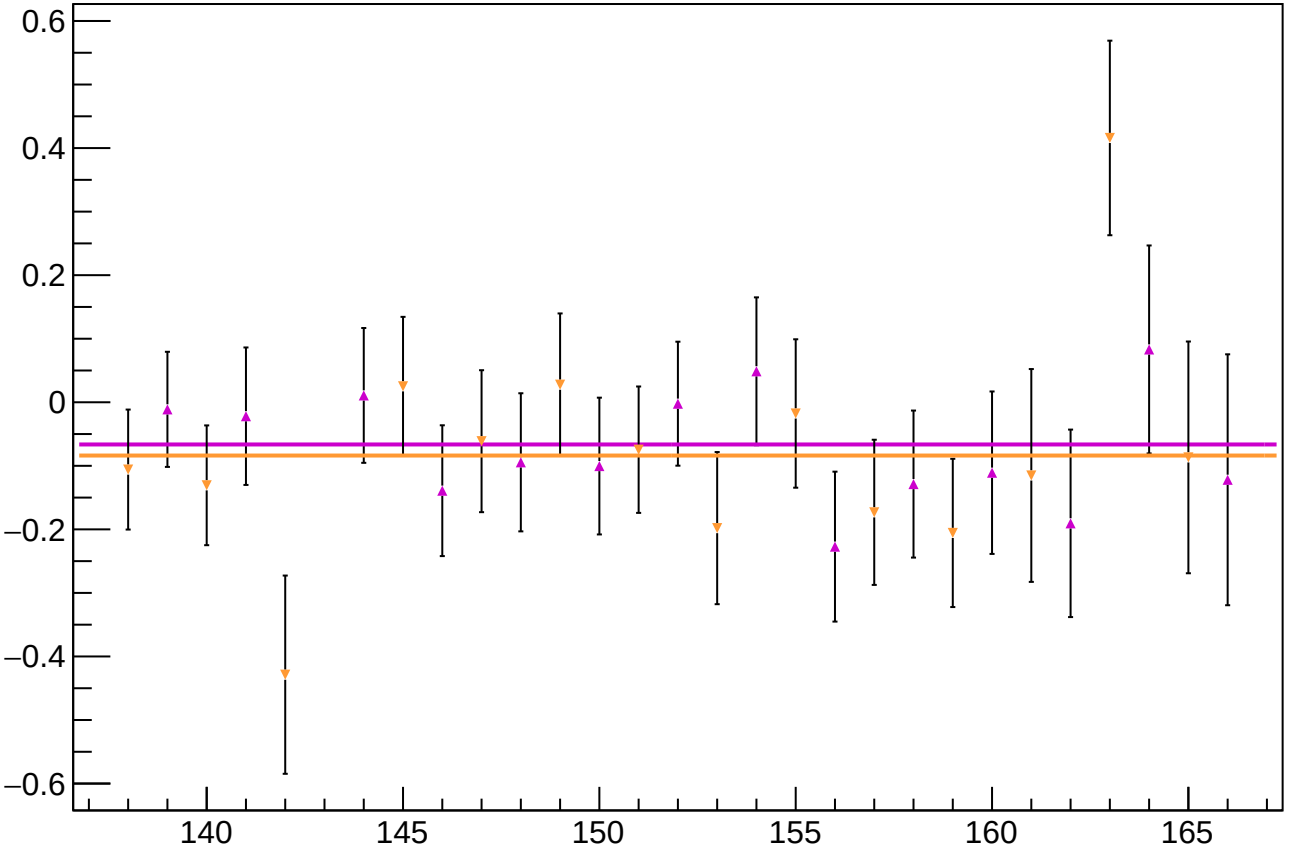
Right: -41.205+/-0.027 χ^2/NDF: 24793.7/35

In: -40.130+/-0.018 χ^2/NDF:62553.0/30

Out: -40.977+/-0.018 χ^2/NDF:89046.9/33

All: -40.549+/-0.013 χ^2/NDF: 152684.4/64

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.084+/-0.031 χ^2/NDF:20.8/13

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

Left In: -0.066+/-0.031 χ^2/NDF:7.0/13

Left: -0.075+/-0.022 χ^2/NDF: 28.0/27

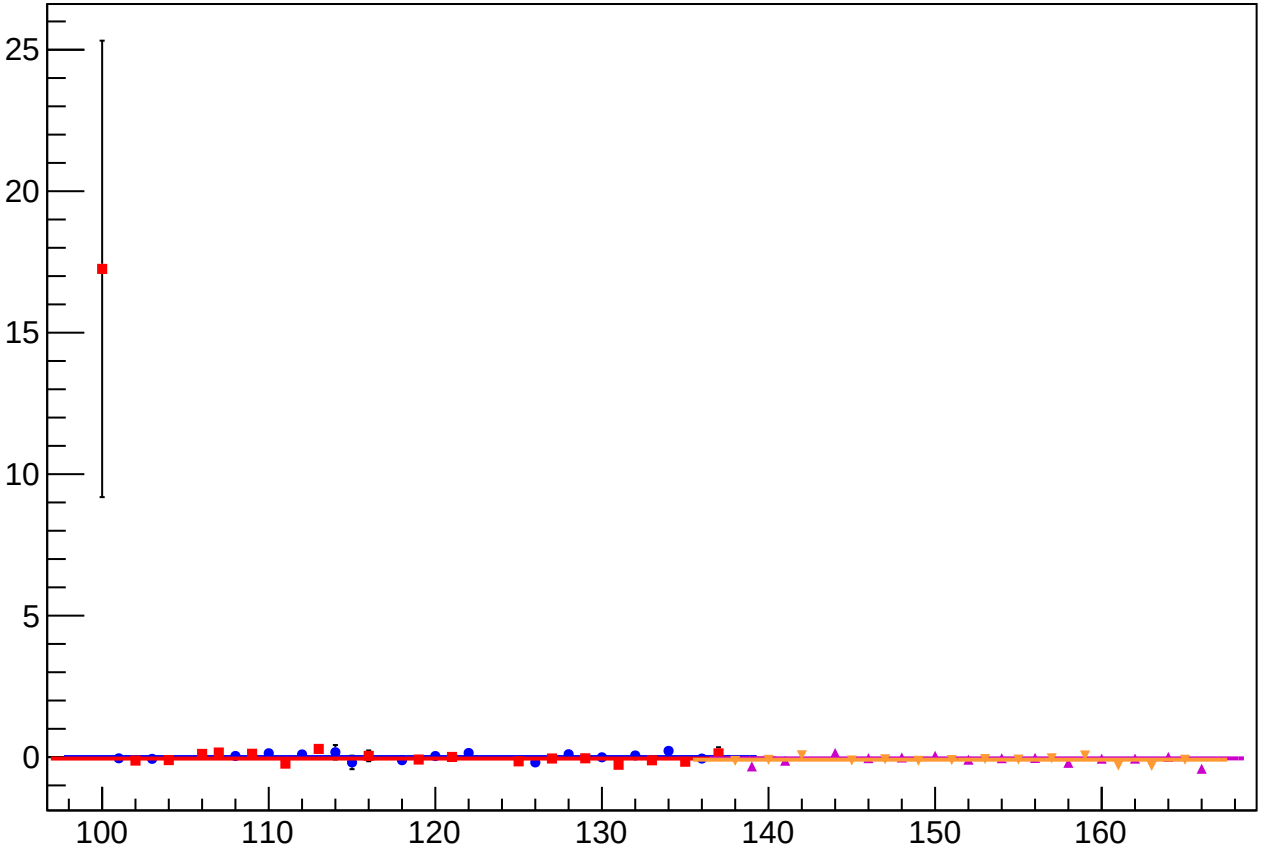
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.066+/-0.031 χ^2/NDF:7.0/13

Out: -0.084+/-0.031 χ^2/NDF:20.8/13

All: -0.075+/-0.022 χ^2/NDF: 28.0/27

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF: 12.5/15

Left Out: -0.090+/-0.022 χ^2/NDF:13.7/13

Right Out: -0.051+/-0.029 χ^2/NDF: 25.8/17

Left In: -0.045+/-0.022 χ^2/NDF:20.9/13

Left: -0.068+/-0.015 χ^2/NDF: 36.7/27

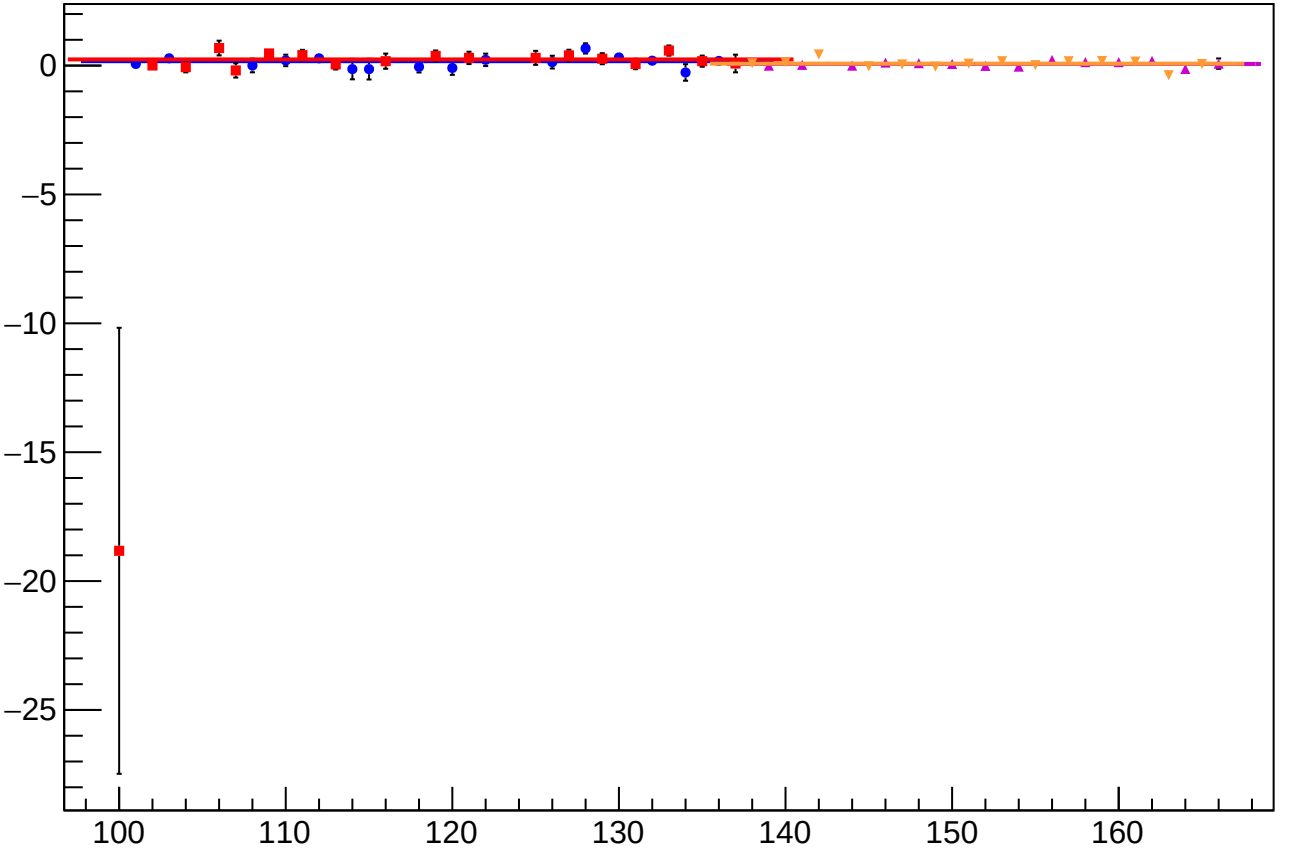
Right: -0.024+/-0.020 χ^2/NDF: 40.0/33

In: -0.028+/-0.017 χ^2/NDF:35.1/29

Out: -0.077+/-0.017 χ^2/NDF:40.6/31

All: -0.052+/-0.012 χ^2/NDF: 79.7/61

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF: 13.7/15

Left Out: 0.074+/-0.031 χ^2/NDF:19.2/13

Right Out: 0.239+/-0.054 χ^2/NDF: 21.8/17

Left In: 0.062+/-0.030 χ^2/NDF:7.8/13

Left: 0.068+/-0.021 χ^2/NDF: 27.1/27

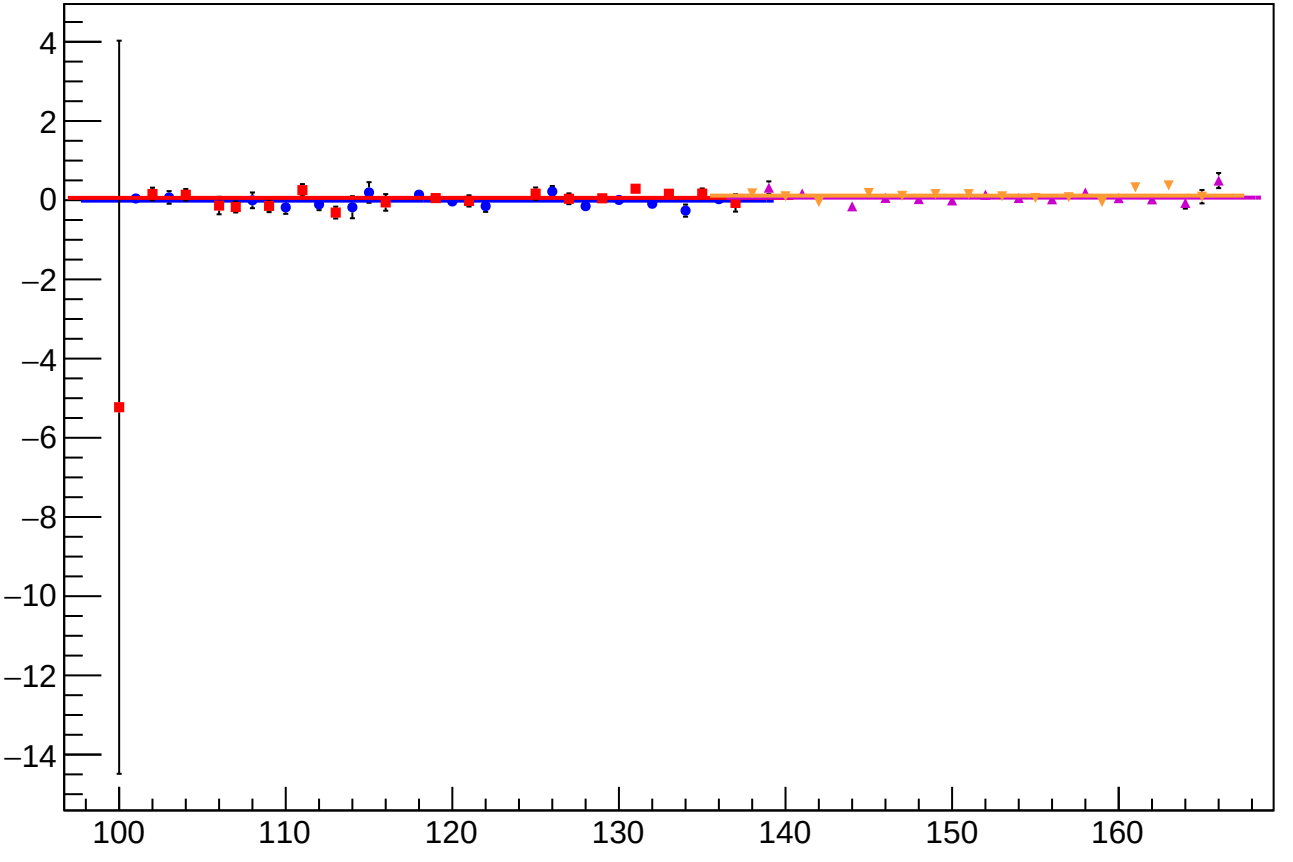
Right: 0.204+/-0.038 χ^2/NDF: 36.3/33

In: 0.089+/-0.026 χ^2/NDF:24.7/29

Out: 0.115+/-0.027 χ^2/NDF:48.1/31

All: 0.102+/-0.019 χ^2/NDF: 73.3/61

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011+/-0.033 χ^2/NDF: 13.8/15

Left Out: 0.116+/-0.026 χ^2/NDF:14.5/13

Right Out: 0.059+/-0.034 χ^2/NDF: 20.6/17

Left In: 0.065+/-0.026 χ^2/NDF:20.1/13

Left: 0.090+/-0.018 χ^2/NDF: 36.5/27

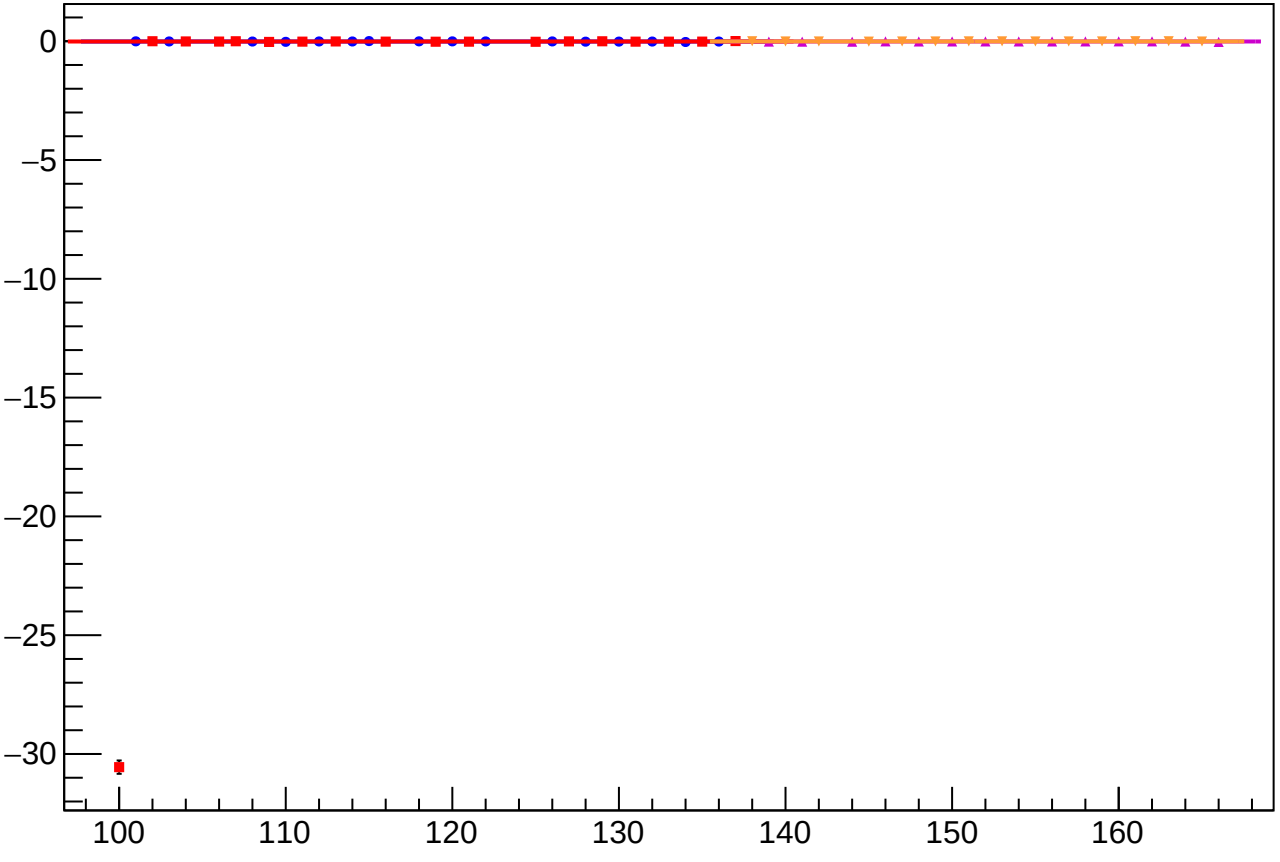
Right: 0.022+/-0.023 χ^2/NDF: 36.5/33

In: 0.036+/-0.020 χ^2/NDF:37.3/29

Out: 0.095+/-0.021 χ^2/NDF:36.9/31

All: 0.065+/-0.014 χ^2/NDF: 78.3/61

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:12.3/13

Right Out: -0.012+/-0.002 χ^2/NDF: 11891.5/17

Left In: -0.011+/-0.001 χ^2/NDF:17.0/13

Left: -0.010+/-0.001 χ^2/NDF: 32.1/27

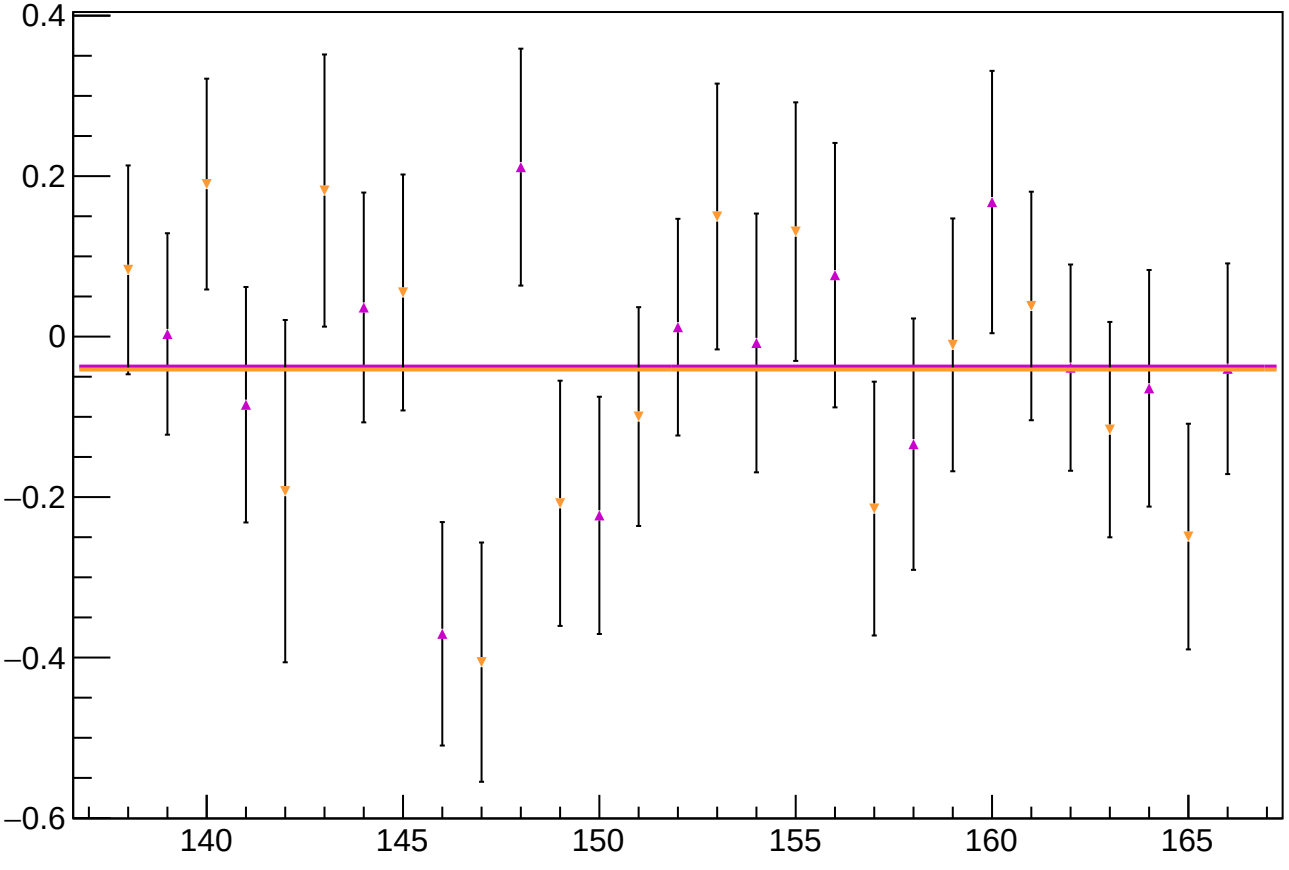
Right: -0.012+/-0.001 χ^2/NDF: 11904.4/33

In: -0.011+/-0.001 χ^2/NDF:30.1/29

Out: -0.009+/-0.001 χ^2/NDF:11907.0/31

All: -0.010+/-0.001 χ^2/NDF: 11938.9/61

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.041+/-0.039 χ^2/NDF:20.5/14

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

Left In: -0.037+/-0.039 χ^2/NDF:13.2/13

Left: -0.039+/-0.027 χ^2/NDF: 33.8/28

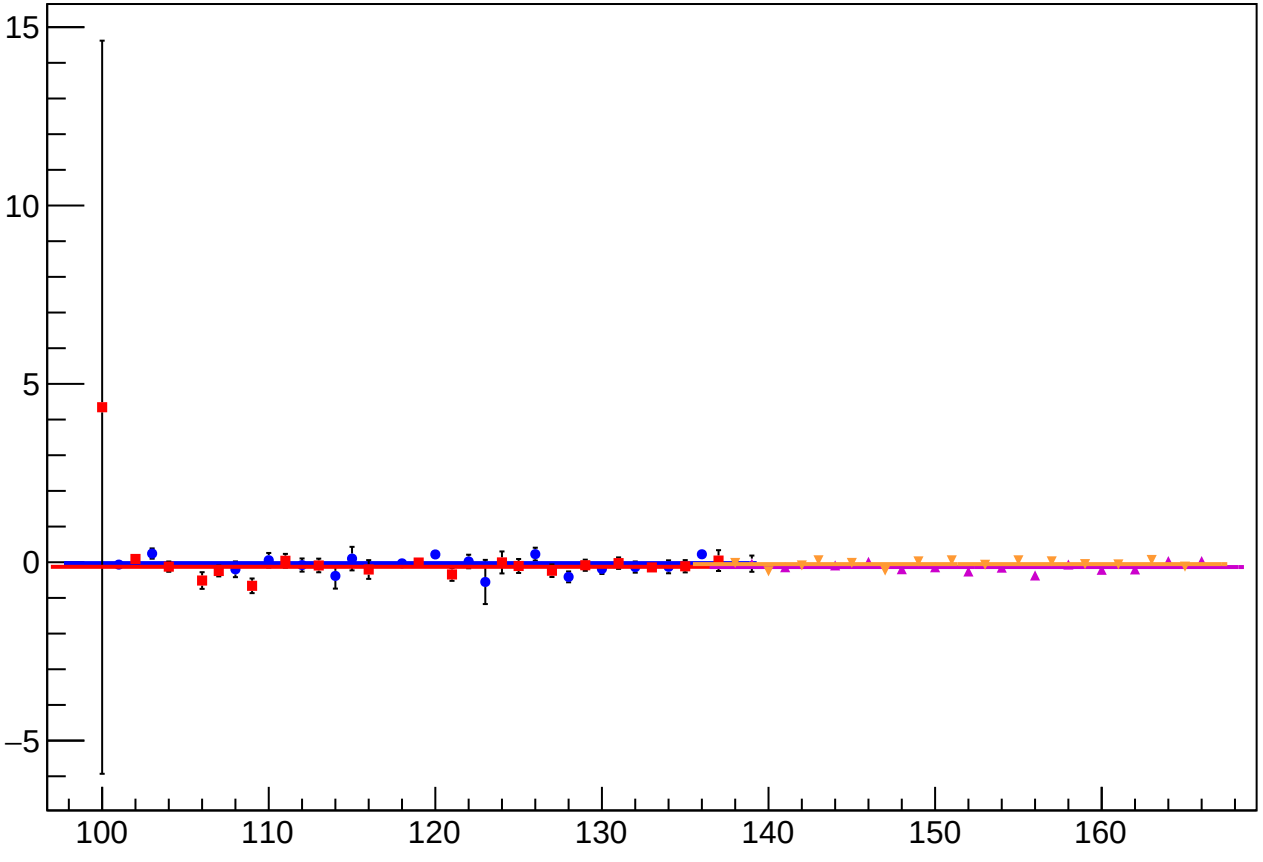
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.037+/-0.039 χ^2/NDF:13.2/13

Out: -0.041+/-0.039 χ^2/NDF:20.5/14

All: -0.039+/-0.027 χ^2/NDF: 33.8/28

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.037 χ^2/NDF: 23.4/16

Left Out: -0.053+/-0.027 χ^2/NDF:16.4/14

Right Out: -0.128+/-0.039 χ^2/NDF: 17.6/18

Left In: -0.134+/-0.028 χ^2/NDF:15.2/13

Left: -0.092+/-0.019 χ^2/NDF: 36.1/28

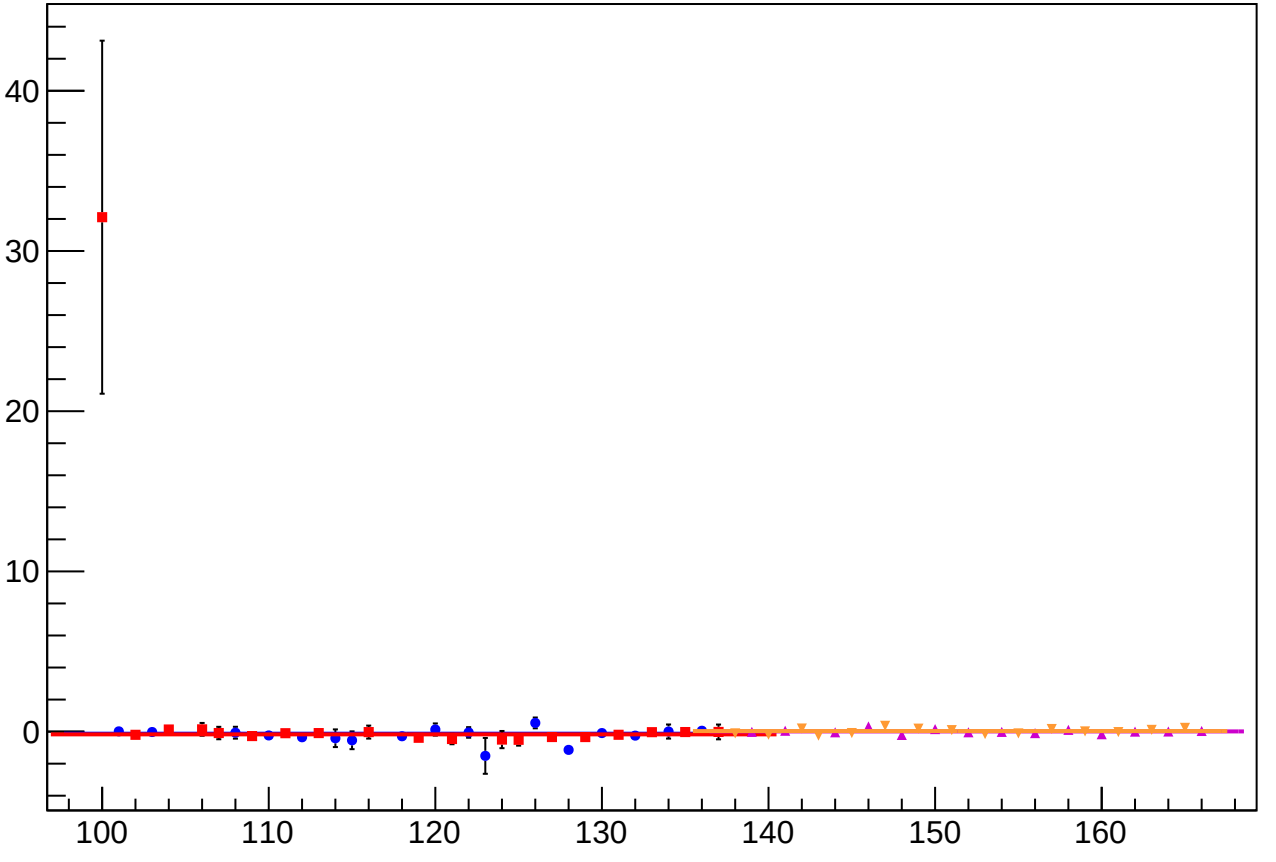
Right: -0.072+/-0.027 χ^2/NDF: 44.7/35

In: -0.094+/-0.022 χ^2/NDF:44.4/30

Out: -0.077+/-0.022 χ^2/NDF:36.5/33

All: -0.086+/-0.016 χ^2/NDF: 81.2/64

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129+/-0.067 χ^2/NDF: 23.7/16

Left Out: 0.034+/-0.038 χ^2/NDF:20.0/14

Right Out: -0.172+/-0.071 χ^2/NDF: 15.0/18

Left In: 0.013+/-0.038 χ^2/NDF:11.9/13

Left: 0.024+/-0.027 χ^2/NDF: 32.0/28

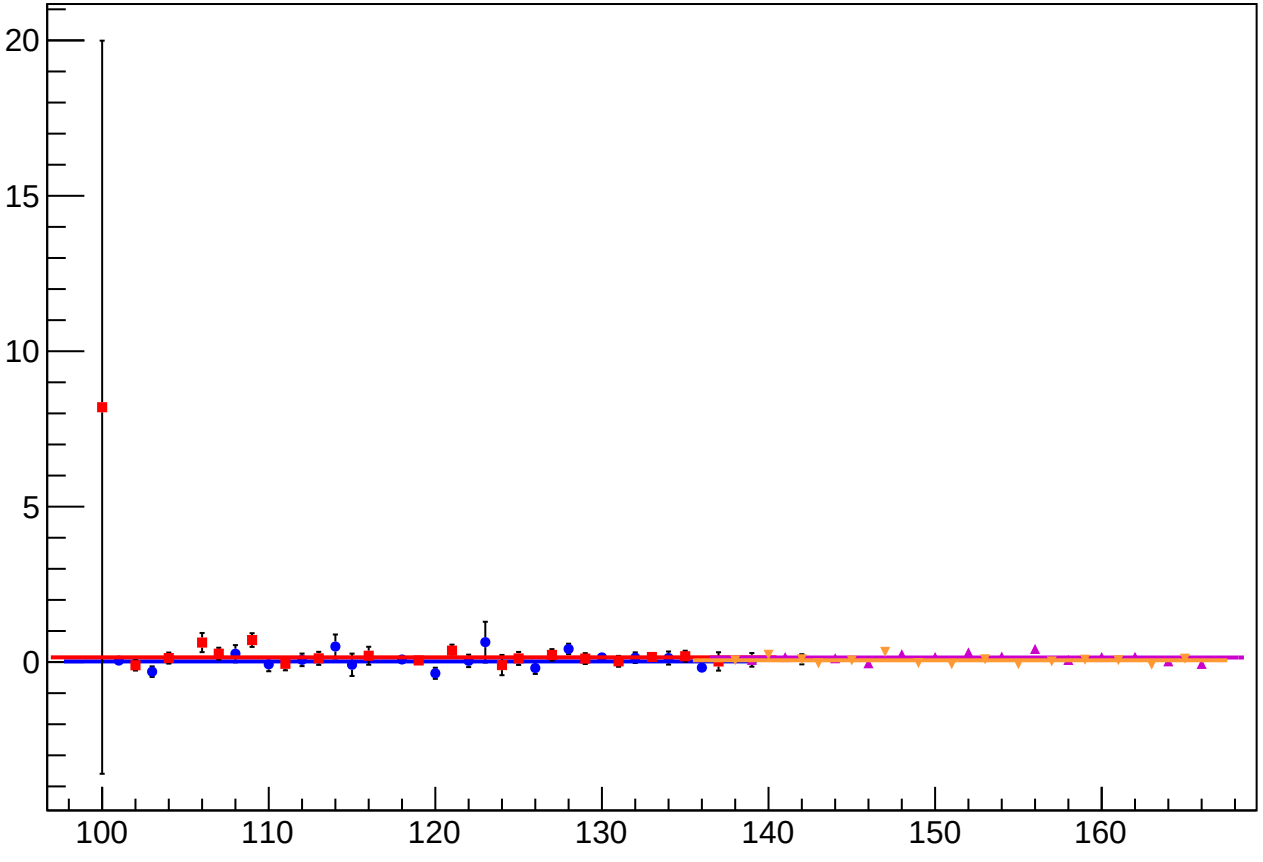
Right: -0.149+/-0.049 χ^2/NDF: 39.0/35

In: -0.021+/-0.033 χ^2/NDF:39.0/30

Out: -0.011+/-0.033 χ^2/NDF:41.6/33

All: -0.016+/-0.023 χ^2/NDF: 80.7/64

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF: 22.5/16

Left Out: 0.058+/-0.032 χ^2/NDF:15.3/14

Right Out: 0.152+/-0.045 χ^2/NDF: 16.2/18

Left In: 0.147+/-0.032 χ^2/NDF:14.9/13

Left: 0.102+/-0.023 χ^2/NDF: 34.1/28

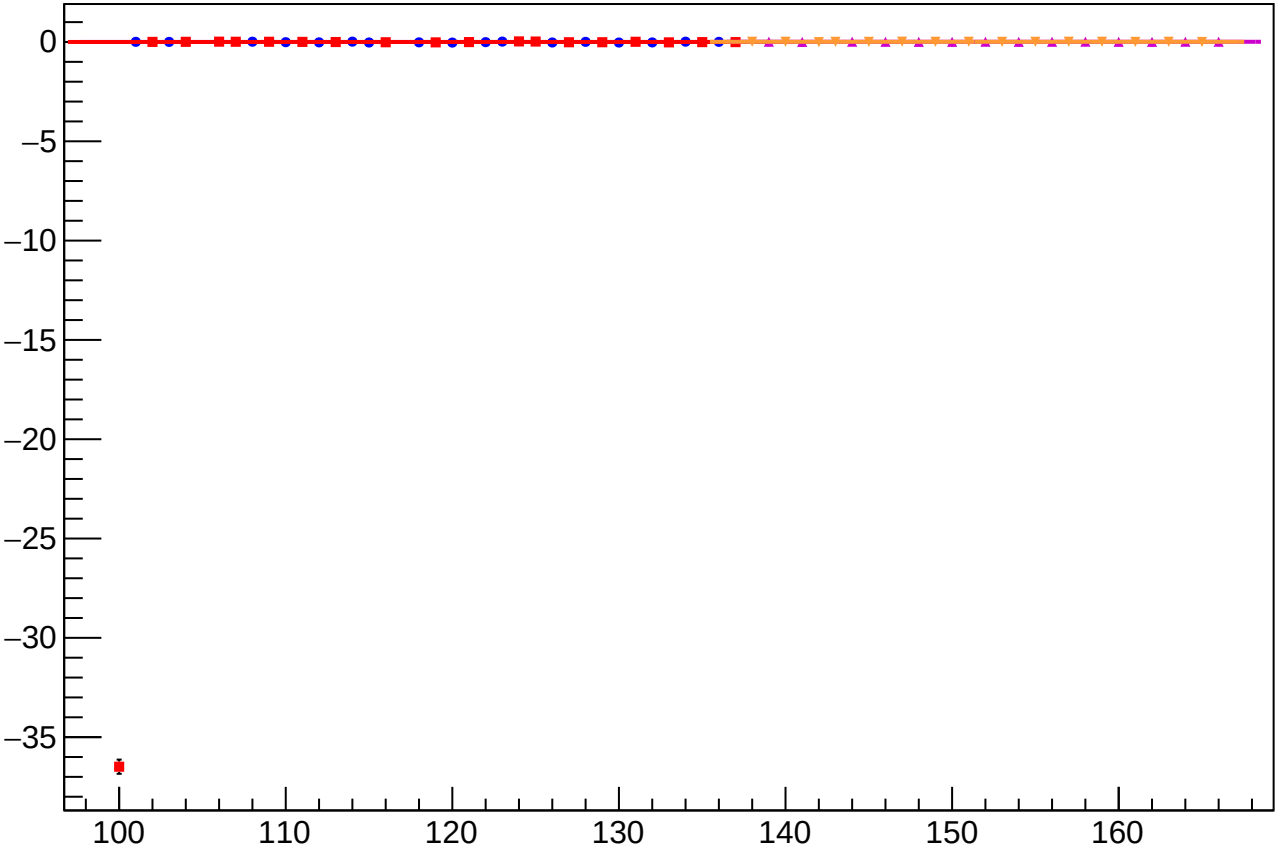
Right: 0.082+/-0.031 χ^2/NDF: 43.2/35

In: 0.101+/-0.026 χ^2/NDF:43.0/30

Out: 0.088+/-0.026 χ^2/NDF:34.4/33

All: 0.095+/-0.018 χ^2/NDF: 77.5/64

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF: 32.4/16

Left Out: 0.010+/-0.001 χ^2/NDF:8.8/14

Right Out: 0.001+/-0.002 χ^2/NDF: 10449.1/18

Left In: 0.011+/-0.001 χ^2/NDF:5.9/13

Left: 0.011+/-0.001 χ^2/NDF: 15.0/28

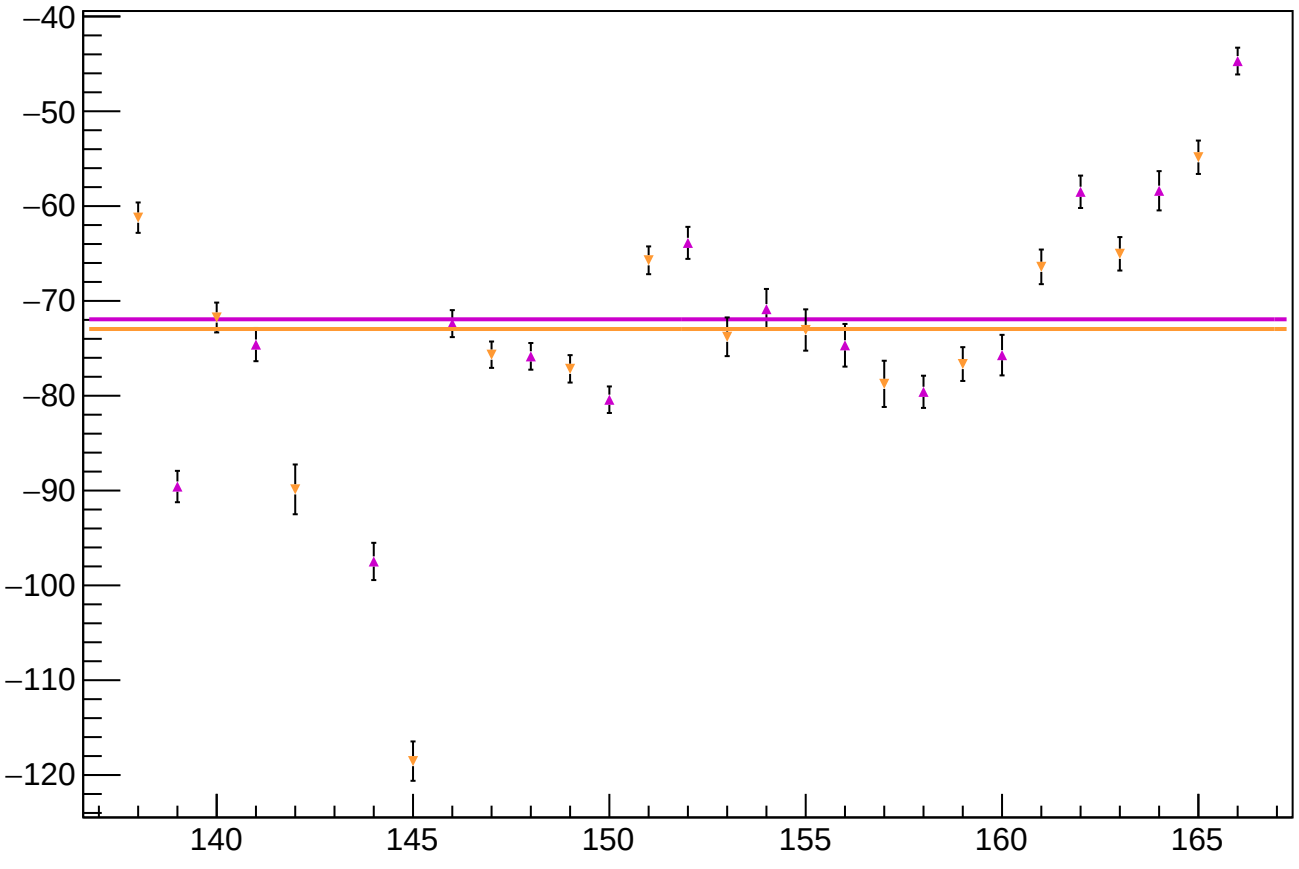
Right: 0.001+/-0.002 χ^2/NDF: 10481.5/35

In: 0.008+/-0.001 χ^2/NDF:52.3/30

Out: 0.007+/-0.001 χ^2/NDF:10468.7/33

All: 0.008+/-0.001 χ^2/NDF: 10521.3/64

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: -72.963+/-0.471 χ^2/NDF:763.6/13

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

Left In: -71.939+/-0.453 χ^2/NDF:854.0/13

Left: -72.431+/-0.326 χ^2/NDF: 1620.1/27

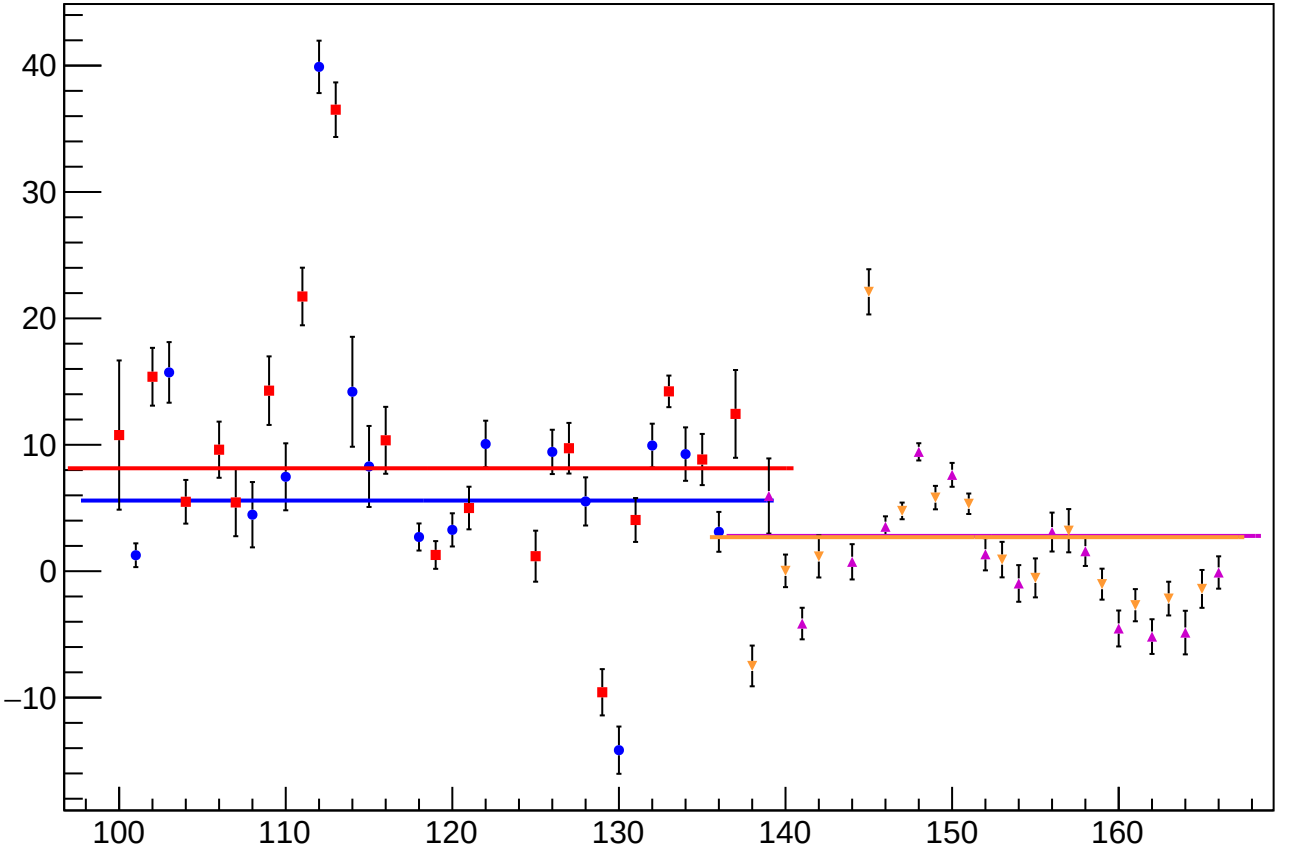
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -71.939+/-0.453 χ^2/NDF:854.0/13

Out: -72.963+/-0.471 χ^2/NDF:763.6/13

All: -72.431+/-0.326 χ^2/NDF: 1620.1/27

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589+/-0.424 χ^2/NDF: 462.8/15

Left Out: 2.692+/-0.313 χ^2/NDF:248.7/13

Right Out: 8.142+/-0.454 χ^2/NDF: 407.7/17

Left In: 2.791+/-0.313 χ^2/NDF:250.3/13

Left: 2.742+/-0.221 χ^2/NDF: 499.1/27

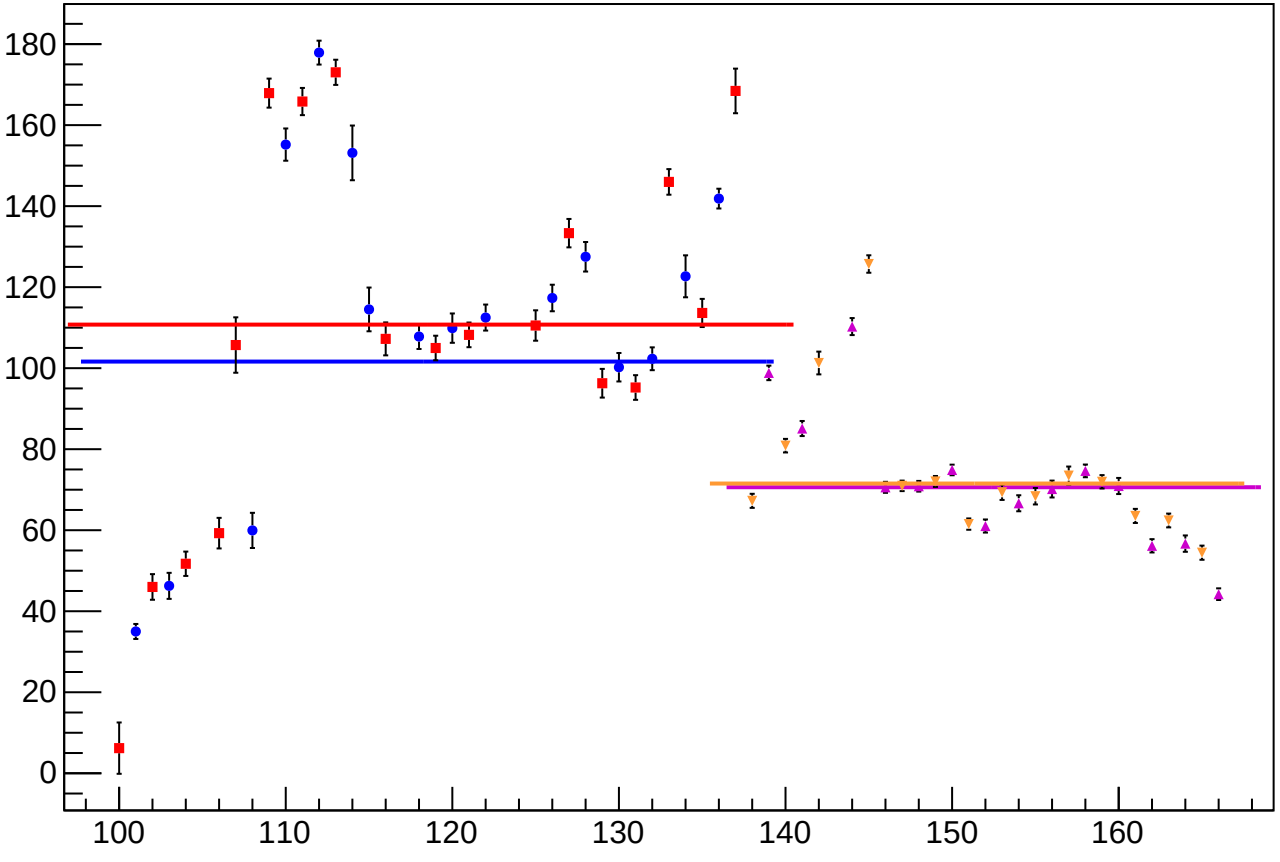
Right: 6.778+/-0.310 χ^2/NDF: 887.4/33

In: 3.778+/-0.252 χ^2/NDF:741.3/29

Out: 4.449+/-0.258 χ^2/NDF:754.2/31

All: 4.106+/-0.180 χ^2/NDF: 1499.0/61

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: 71.523+/-0.458 χ^2/NDF:983.2/13

Right Out: 110.756+/-0.836 χ^2/NDF: 2513.0/17

Left In: 70.610+/-0.441 χ^2/NDF:1183.3/13

Left: 71.049+/-0.317 χ^2/NDF: 2168.6/27

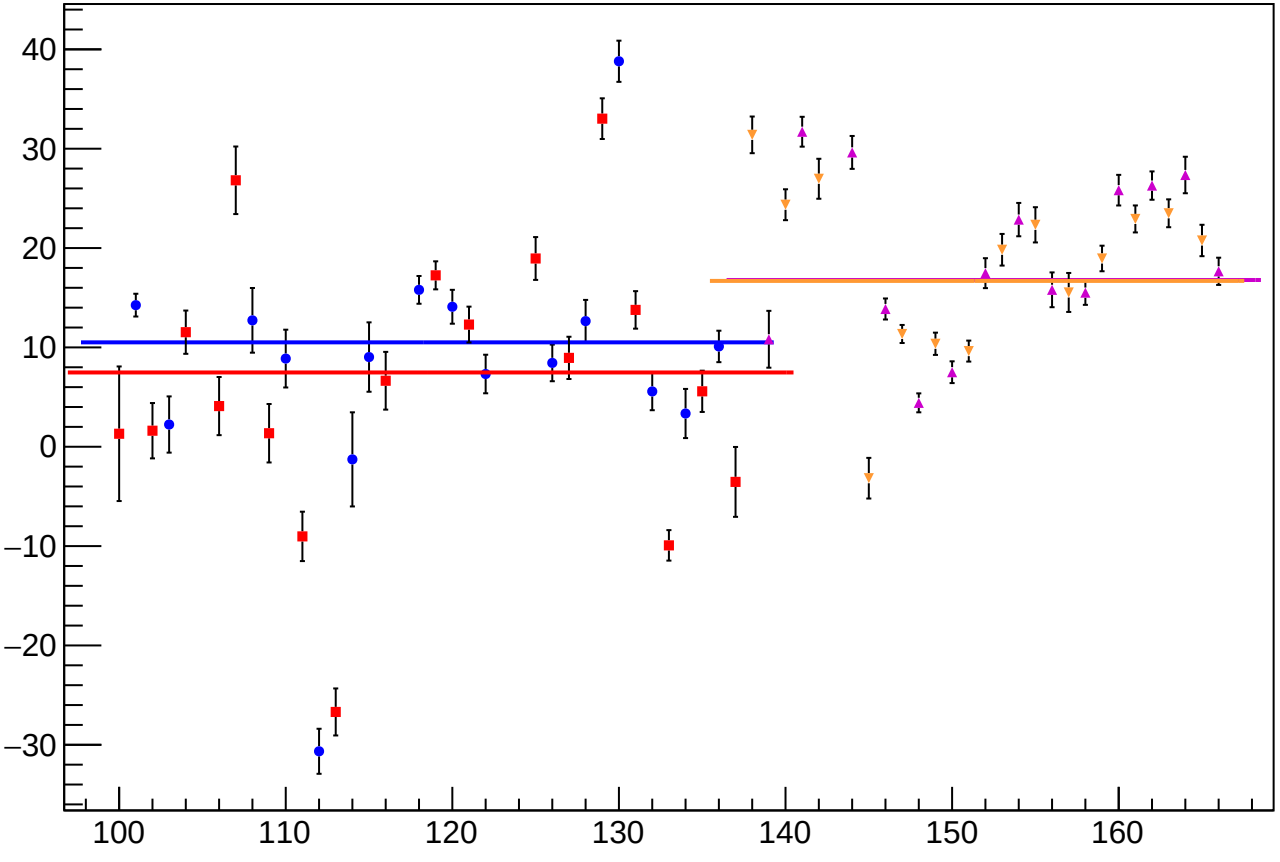
Right: 106.031+/-0.581 χ^2/NDF: 5553.5/33

In: 77.733+/-0.387 χ^2/NDF:5300.7/29

Out: 80.573+/-0.402 χ^2/NDF:5189.7/31

All: 79.099+/-0.279 χ^2/NDF: 10516.3/61

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: 16.693+/-0.375 χ^2/NDF:388.0/13

Right Out: 7.477+/-0.524 χ^2/NDF: 689.3/17

Left In: 16.785+/-0.371 χ^2/NDF:537.7/13

Left: 16.739+/-0.264 χ^2/NDF: 925.7/27

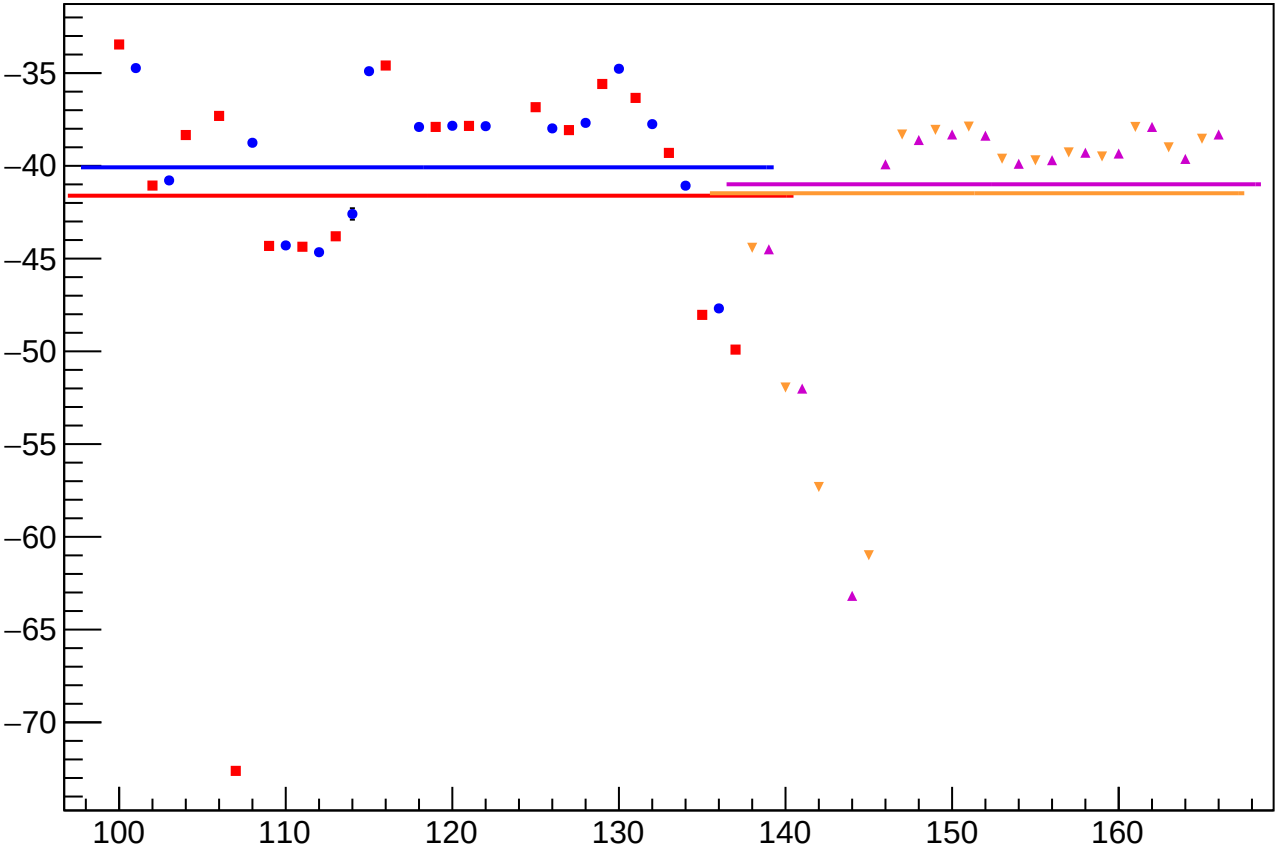
Right: 9.088+/-0.359 χ^2/NDF: 1288.6/33

In: 14.513+/-0.296 χ^2/NDF:1223.0/29

Out: 13.575+/-0.305 χ^2/NDF:1282.0/31

All: 14.058+/-0.212 χ^2/NDF: 2509.9/61

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: -41.478+/-0.018 χ^2/NDF:113194.1/13

Right Out: -41.609+/-0.029 χ^2/NDF: 61784.6/17

Left In: -40.994+/-0.018 χ^2/NDF:94887.6/13

Left: -41.227+/-0.013 χ^2/NDF: 208442.6/27

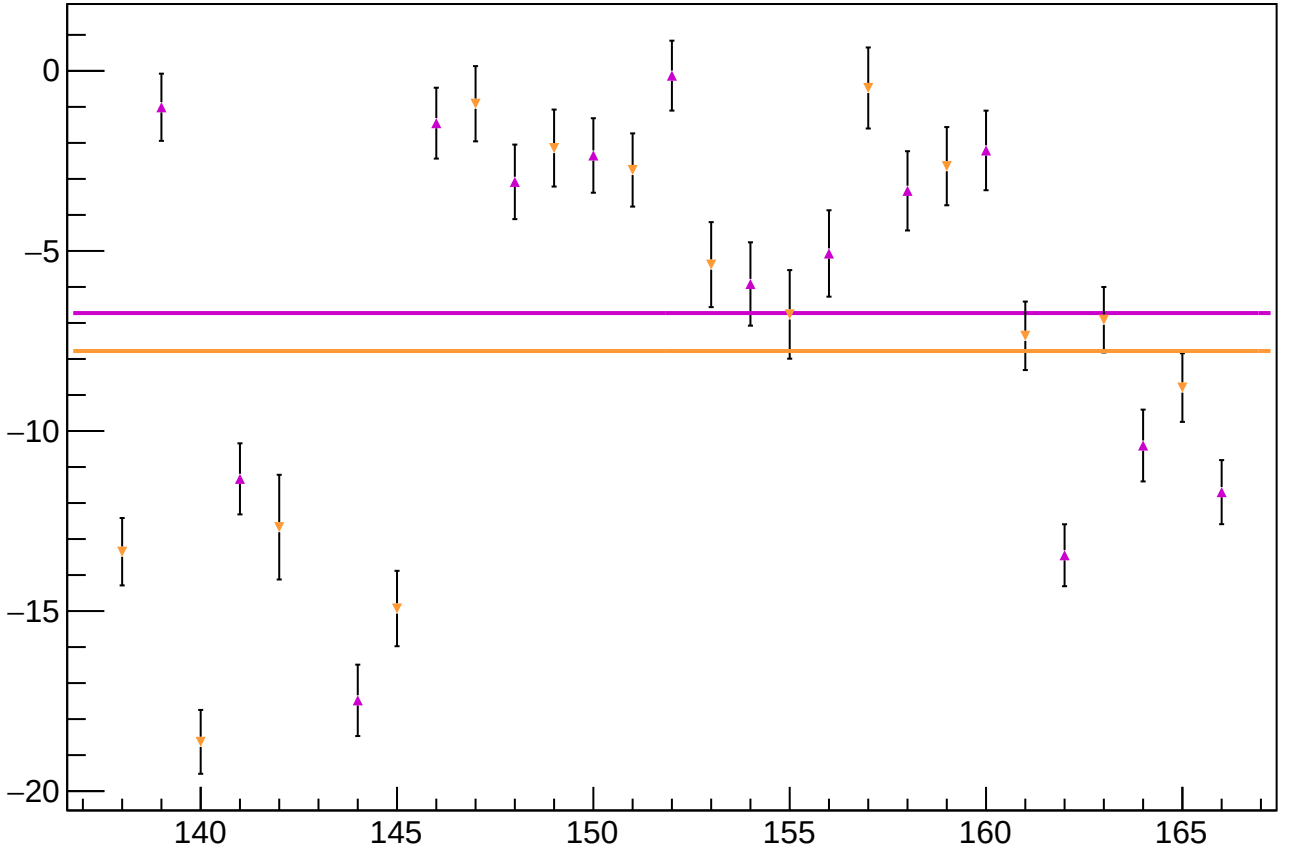
Right: -40.834+/-0.020 χ^2/NDF: 88360.5/33

In: -40.737+/-0.015 χ^2/NDF:120767.7/29

Out: -41.516+/-0.015 χ^2/NDF:174993.8/31

All: -41.114+/-0.011 χ^2/NDF: 297075.7/61

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: -7.779+/-0.277 χ^2/NDF:410.3/13

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

Left In: -6.725+/-0.269 χ^2/NDF:416.7/13

Left: -7.235+/-0.193 χ^2/NDF: 834.4/27

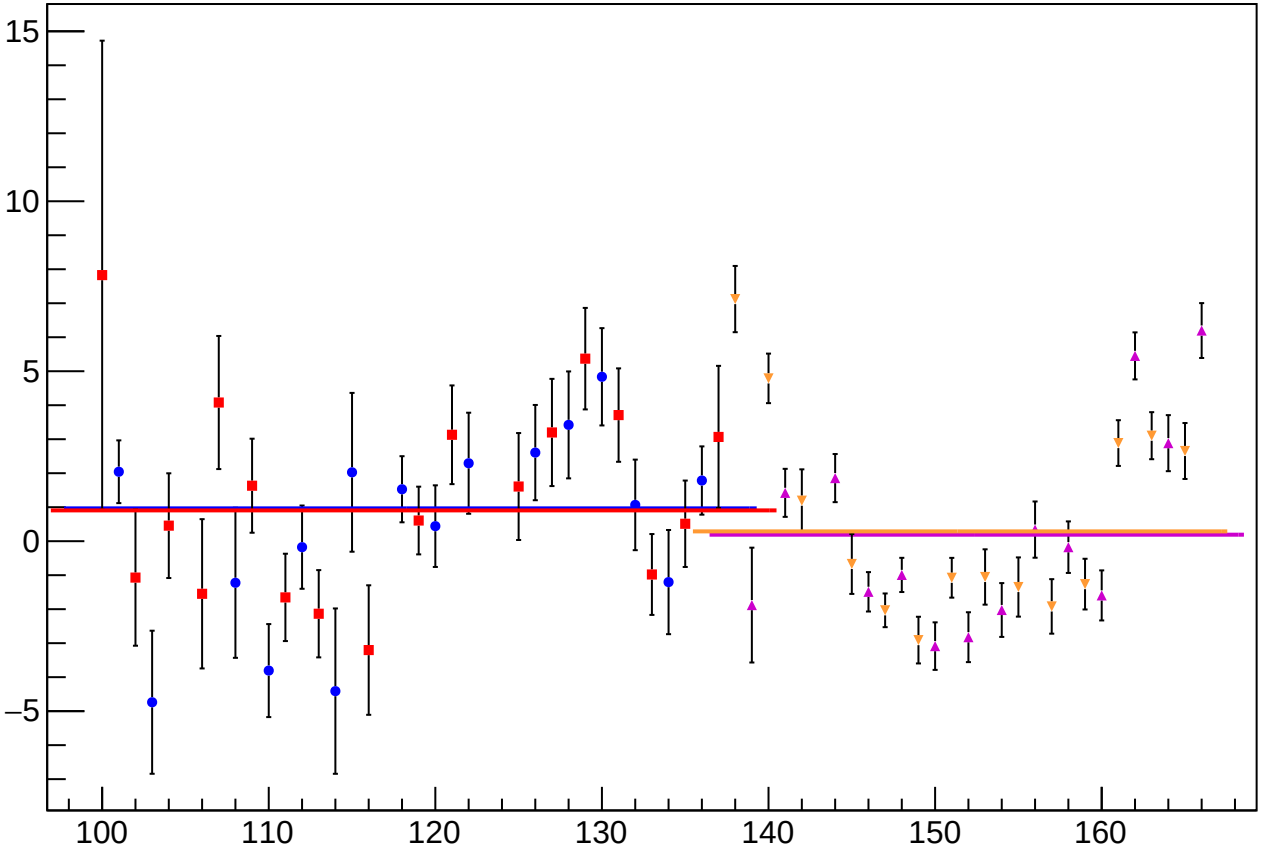
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.725+/-0.269 χ^2/NDF:416.7/13

Out: -7.779+/-0.277 χ^2/NDF:410.3/13

All: -7.235+/-0.193 χ^2/NDF: 834.4/27

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965+/-0.338 χ^2/NDF: 42.9/15

Left Out: 0.288+/-0.194 χ^2/NDF:196.4/13

Right Out: 0.906+/-0.354 χ^2/NDF: 42.0/17

Left In: 0.191+/-0.193 χ^2/NDF:200.7/13

Left: 0.239+/-0.137 χ^2/NDF: 397.3/27

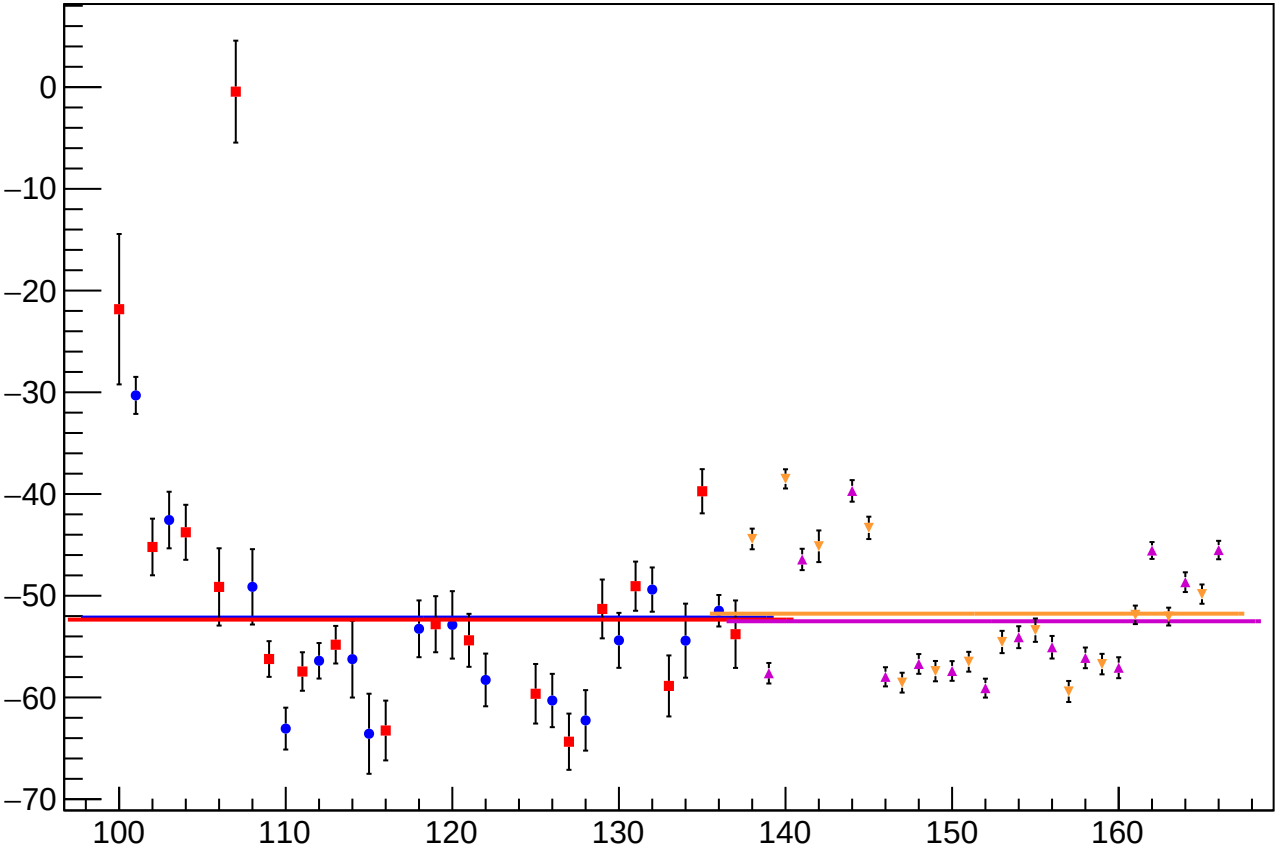
Right: 0.937+/-0.244 χ^2/NDF: 84.9/33

In: 0.381+/-0.167 χ^2/NDF:247.6/29

Out: 0.432+/-0.170 χ^2/NDF:240.7/31

All: 0.406+/-0.119 χ^2/NDF: 488.4/61

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148+/-0.612 χ^2/NDF: 230.2/15

Left Out: -51.763+/-0.271 χ^2/NDF:521.6/13

Right Out: -52.346+/-0.616 χ^2/NDF: 235.7/17

Left In: -52.509+/-0.262 χ^2/NDF:518.8/13

Left: -52.148+/-0.189 χ^2/NDF: 1044.3/27

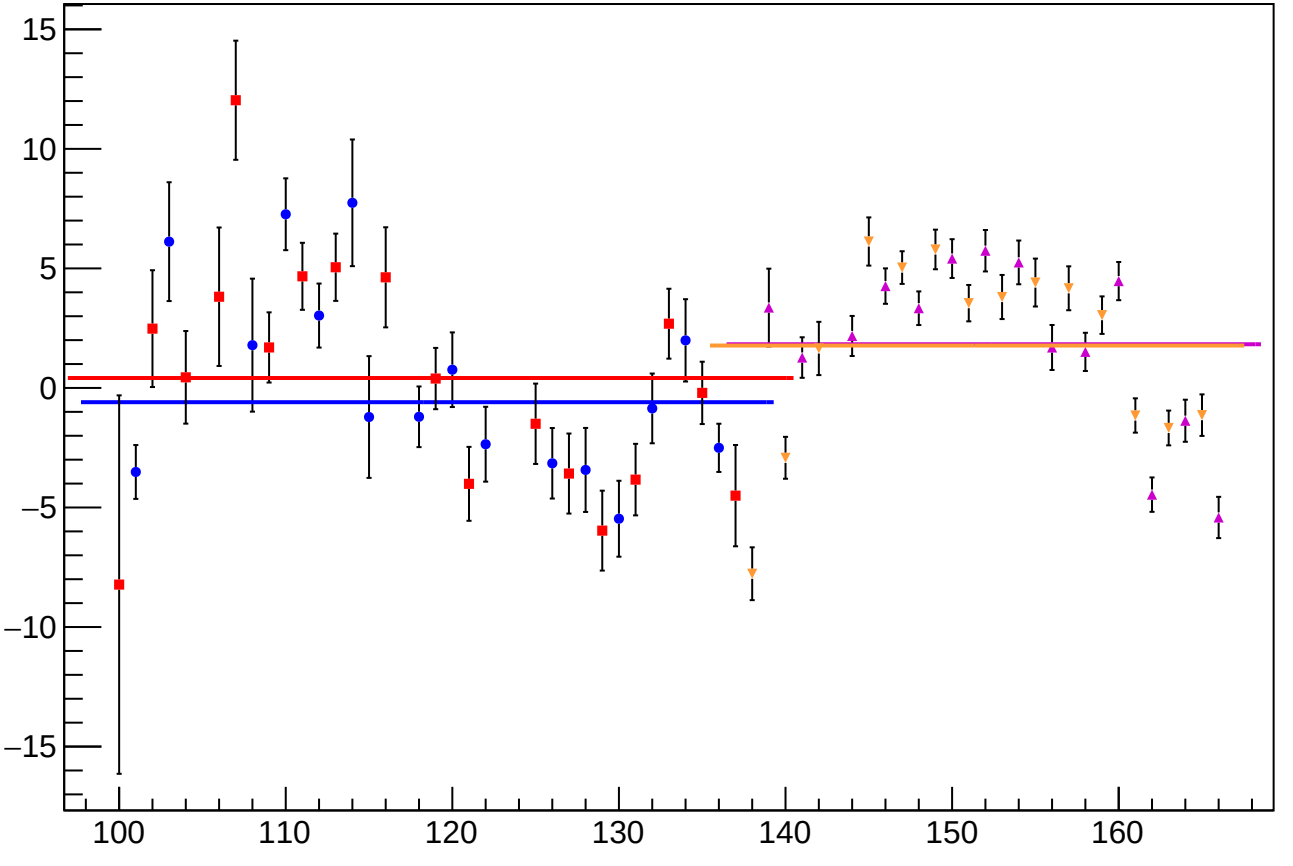
Right: -52.246+/-0.434 χ^2/NDF: 466.0/33

In: -52.453+/-0.241 χ^2/NDF:749.3/29

Out: -51.858+/-0.248 χ^2/NDF:758.1/31

All: -52.164+/-0.173 χ^2/NDF: 1510.3/61

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596+/-0.384 χ^2/NDF: 82.6/15

Left Out: 1.774+/-0.227 χ^2/NDF:245.2/13

Right Out: 0.416+/-0.400 χ^2/NDF: 95.8/17

Left In: 1.827+/-0.224 χ^2/NDF:242.1/13

Left: 1.801+/-0.160 χ^2/NDF: 487.4/27

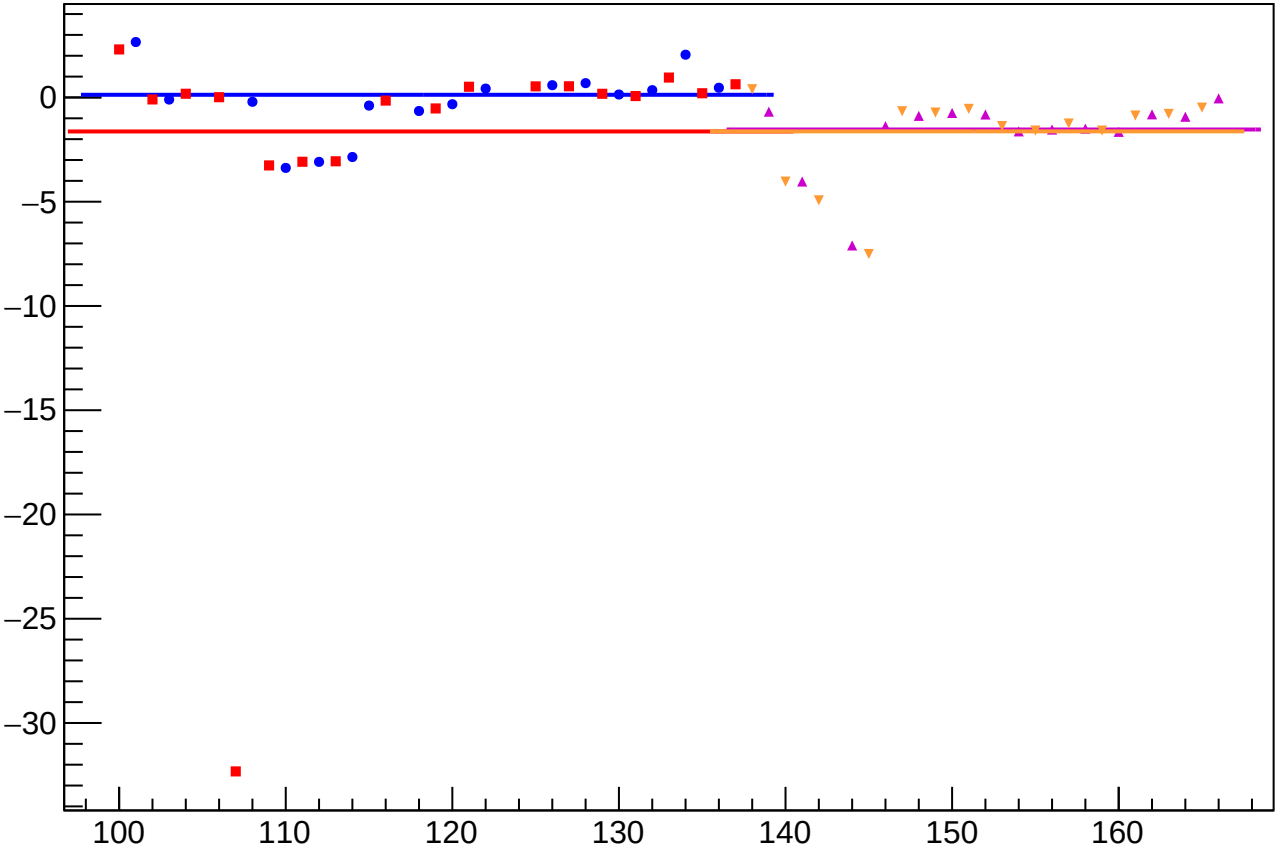
Right: -0.111+/-0.277 χ^2/NDF: 181.7/33

In: 1.211+/-0.194 χ^2/NDF:354.4/29

Out: 1.443+/-0.197 χ^2/NDF:349.8/31

All: 1.325+/-0.138 χ^2/NDF: 704.9/61

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128+/-0.021 χ^2/NDF: 5252.9/15

Left Out: -1.626+/-0.011 χ^2/NDF:30991.1/13

Right Out: -1.631+/-0.022 χ^2/NDF: 77878.6/17

Left In: -1.537+/-0.010 χ^2/NDF:21607.2/13

Left: -1.580+/-0.007 χ^2/NDF: 52634.0/27

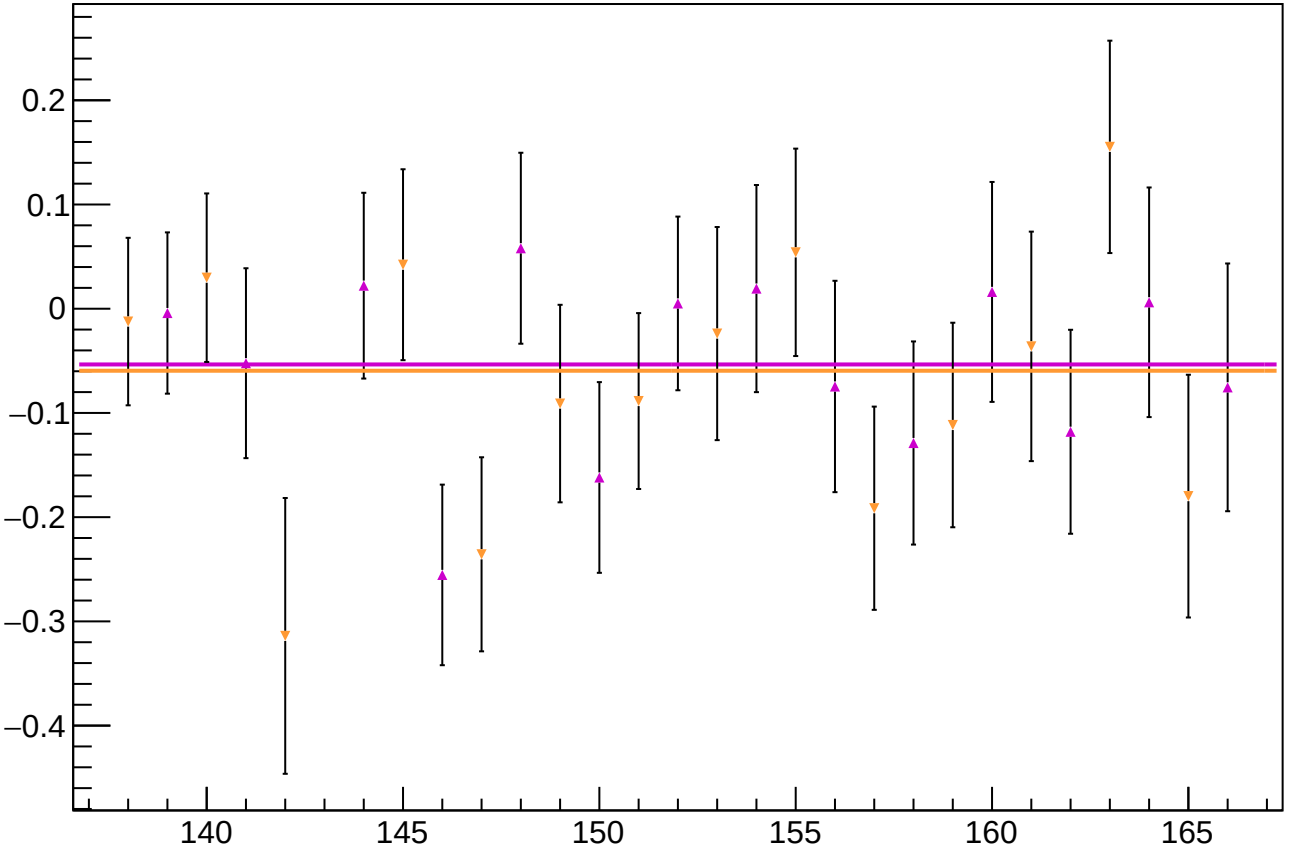
Right: -0.739+/-0.015 χ^2/NDF: 86433.1/33

In: -1.222+/-0.009 χ^2/NDF:31726.8/29

Out: -1.627+/-0.010 χ^2/NDF:108869.7/31

All: -1.420+/-0.007 χ^2/NDF: 141510.4/61

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: -0.060+/-0.026 χ^2/NDF:19.4/13

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

Left In: -0.053+/-0.025 χ^2/NDF:12.3/13

Left: -0.056+/-0.018 χ^2/NDF: 31.7/27

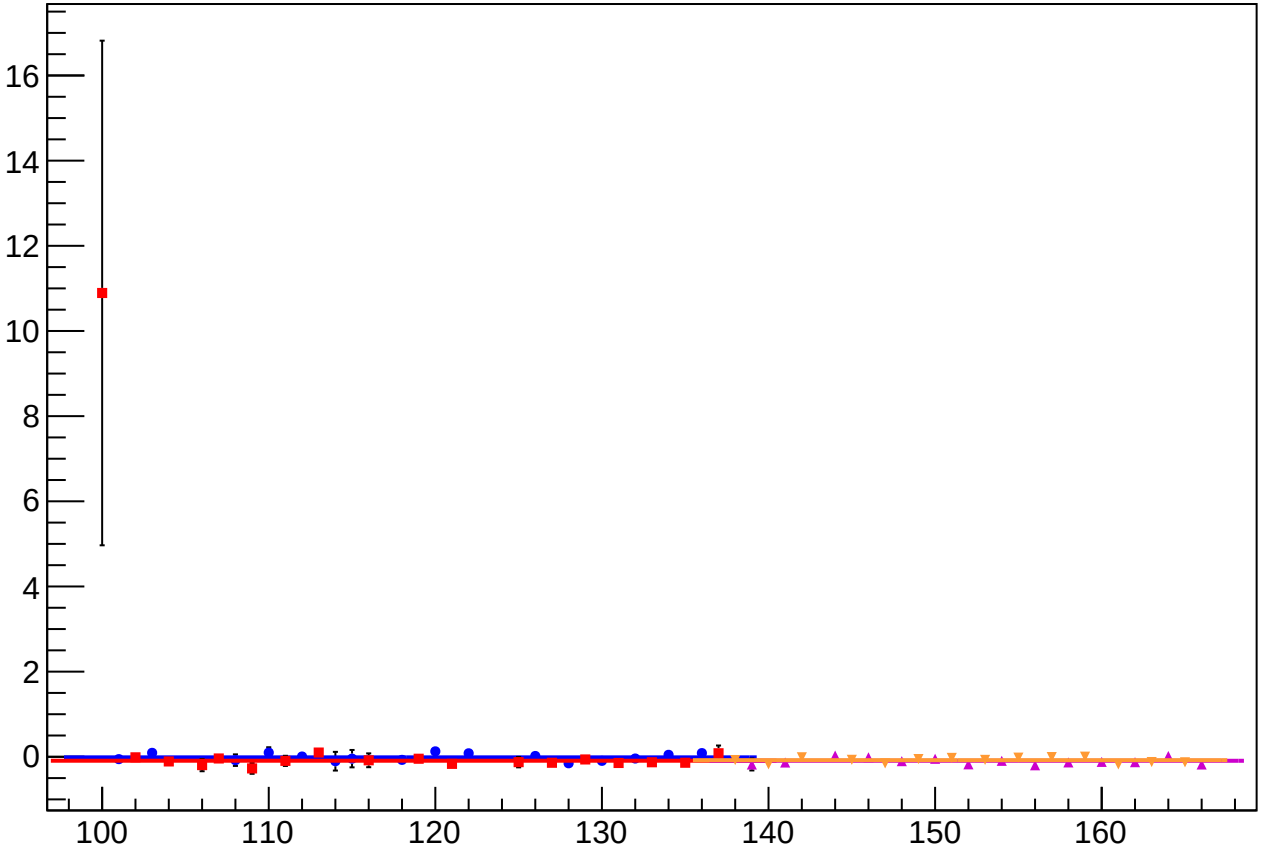
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.053+/-0.025 χ^2/NDF:12.3/13

Out: -0.060+/-0.026 χ^2/NDF:19.4/13

All: -0.056+/-0.018 χ^2/NDF: 31.7/27

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: -0.080+/-0.018 χ^2/NDF:12.7/13

Right Out: -0.092+/-0.025 χ^2/NDF: 12.7/17

Left In: -0.093+/-0.018 χ^2/NDF:14.4/13

Left: -0.087+/-0.013 χ^2/NDF: 27.4/27

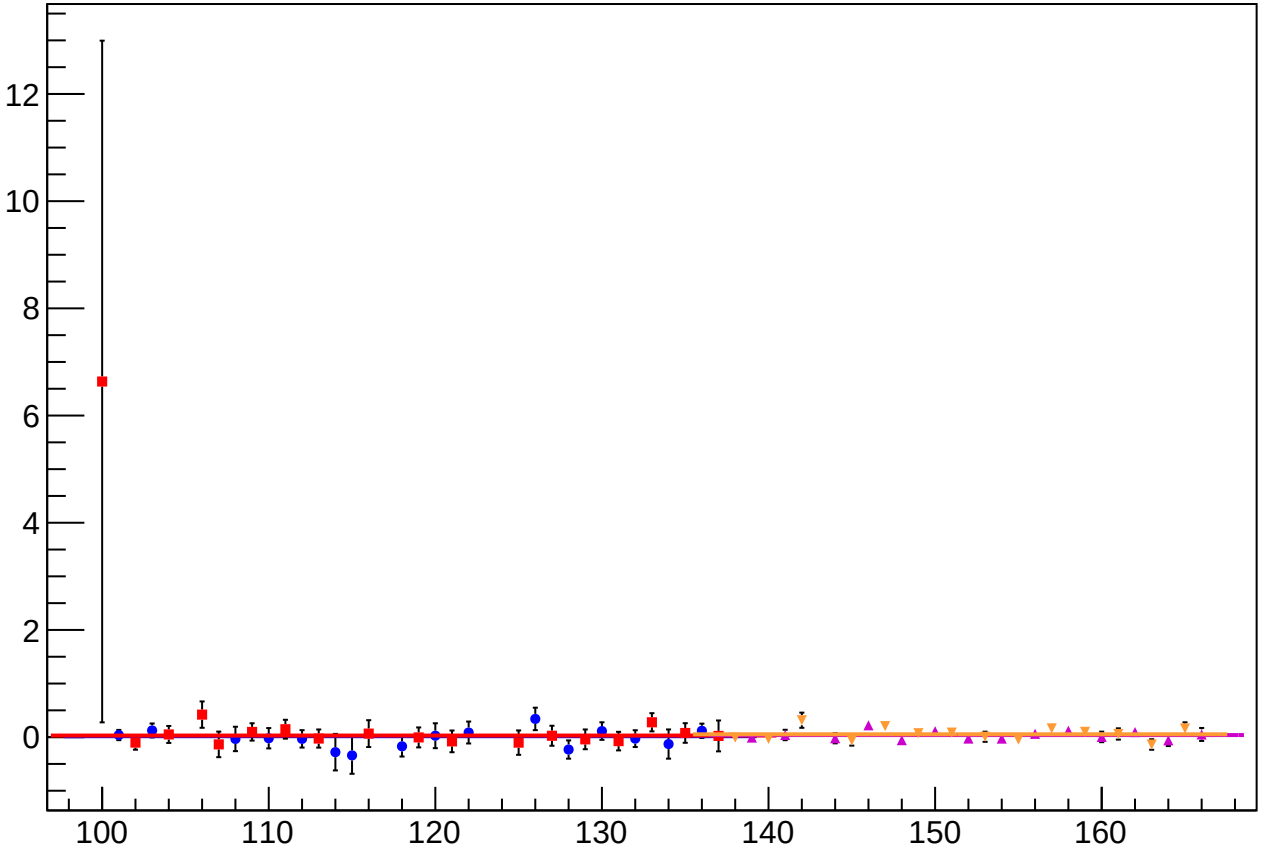
Right: -0.050+/-0.017 χ^2/NDF: 30.3/33

In: -0.064+/-0.014 χ^2/NDF:34.2/29

Out: -0.084+/-0.014 χ^2/NDF:25.5/31

All: -0.074+/-0.010 χ^2/NDF: 60.7/61

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: 0.053+/-0.025 χ^2/NDF:17.4/13

Right Out: 0.030+/-0.045 χ^2/NDF: 9.2/17

Left In: 0.039+/-0.025 χ^2/NDF:10.8/13

Left: 0.046+/-0.018 χ^2/NDF: 28.4/27

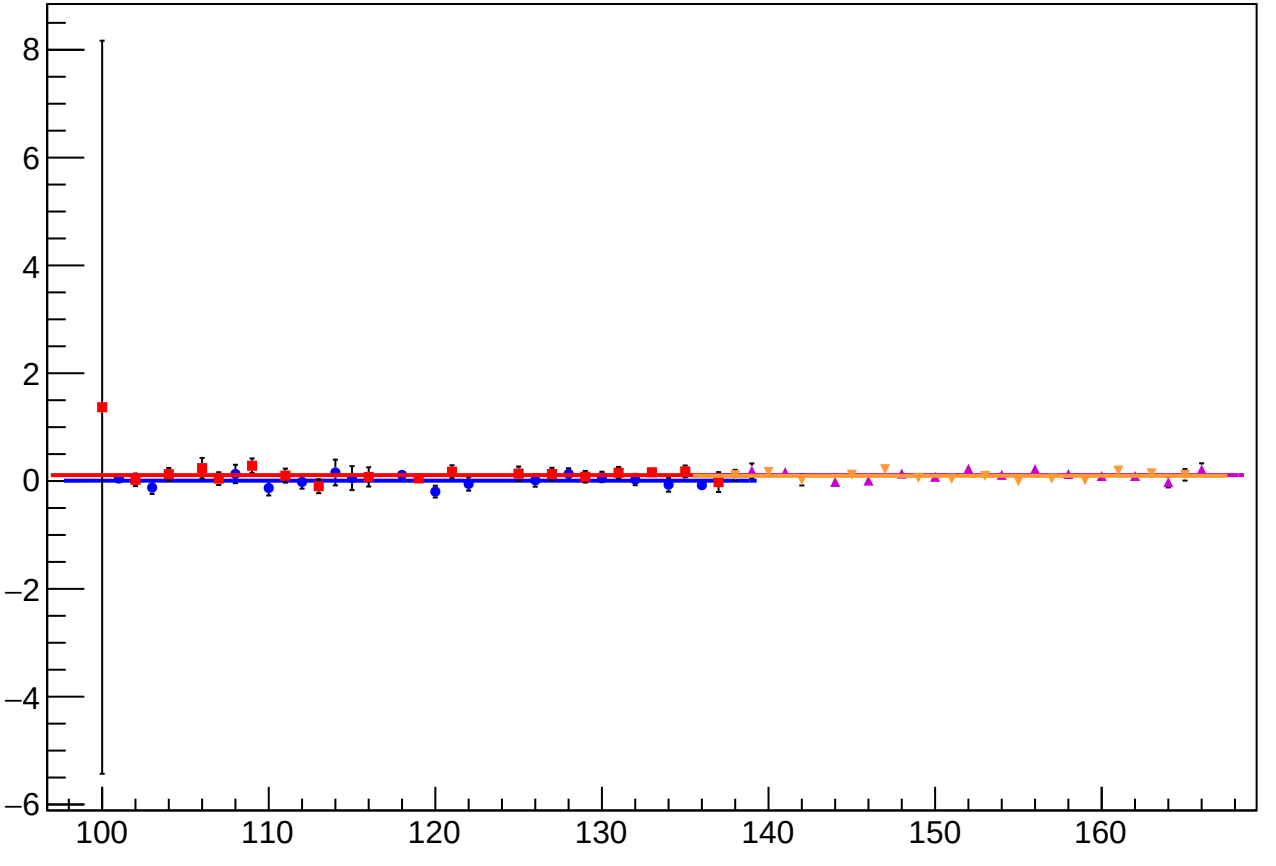
Right: 0.023+/-0.031 χ^2/NDF: 18.9/33

In: 0.033+/-0.021 χ^2/NDF:20.6/29

Out: 0.047+/-0.022 χ^2/NDF:26.8/31

All: 0.040+/-0.015 χ^2/NDF: 47.7/61

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: 0.097+/-0.021 χ^2/NDF:11.5/13

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/17

Left In: 0.111+/-0.021 χ^2/NDF:13.7/13

Left: 0.104+/-0.015 χ^2/NDF: 25.5/27

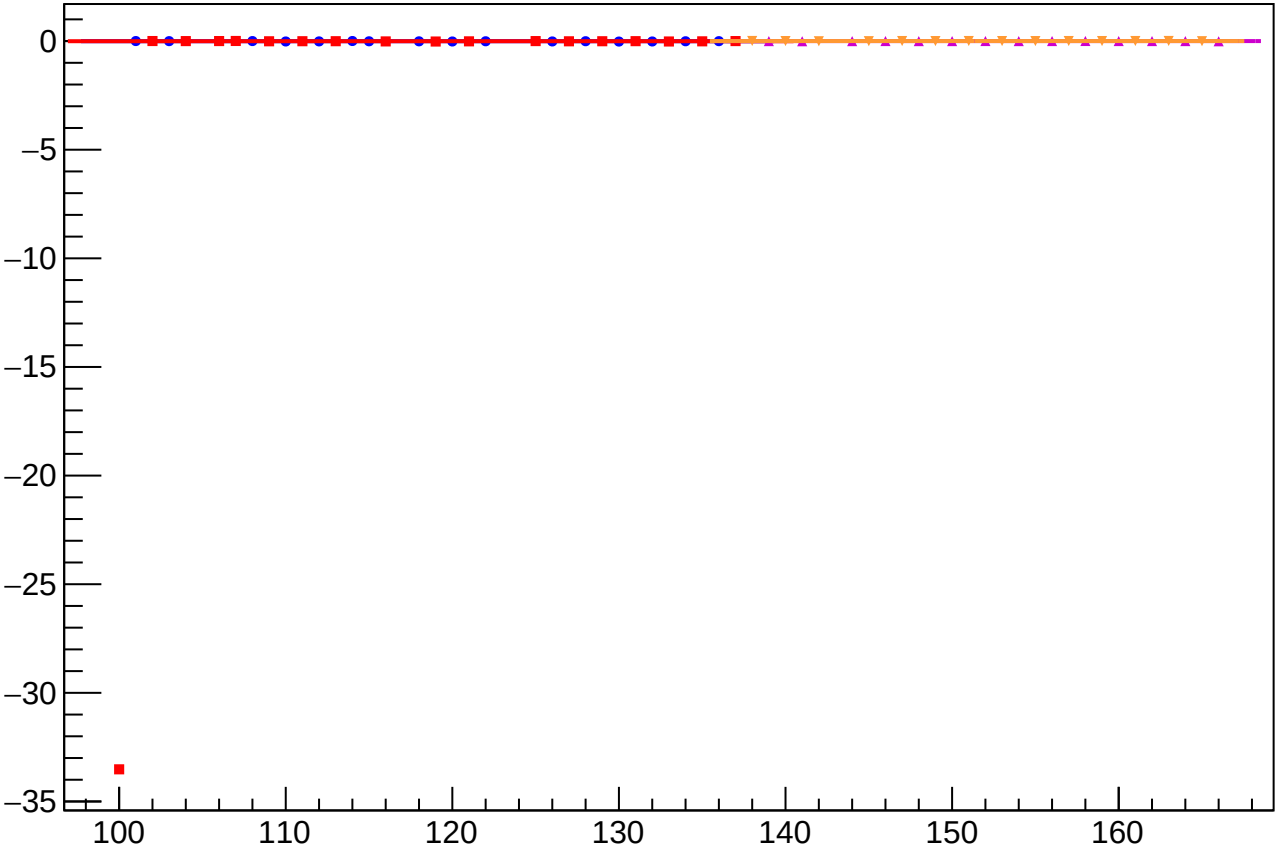
Right: 0.055+/-0.020 χ^2/NDF: 27.0/33

In: 0.072+/-0.017 χ^2/NDF:35.2/29

Out: 0.102+/-0.017 χ^2/NDF:19.6/31

All: 0.086+/-0.012 χ^2/NDF: 56.4/61

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:10.3/13

Right Out: -0.006+/-0.001 χ^2/NDF: 26508.9/17

Left In: -0.000+/-0.001 χ^2/NDF:10.0/13

Left: 0.001+/-0.001 χ^2/NDF: 21.2/27

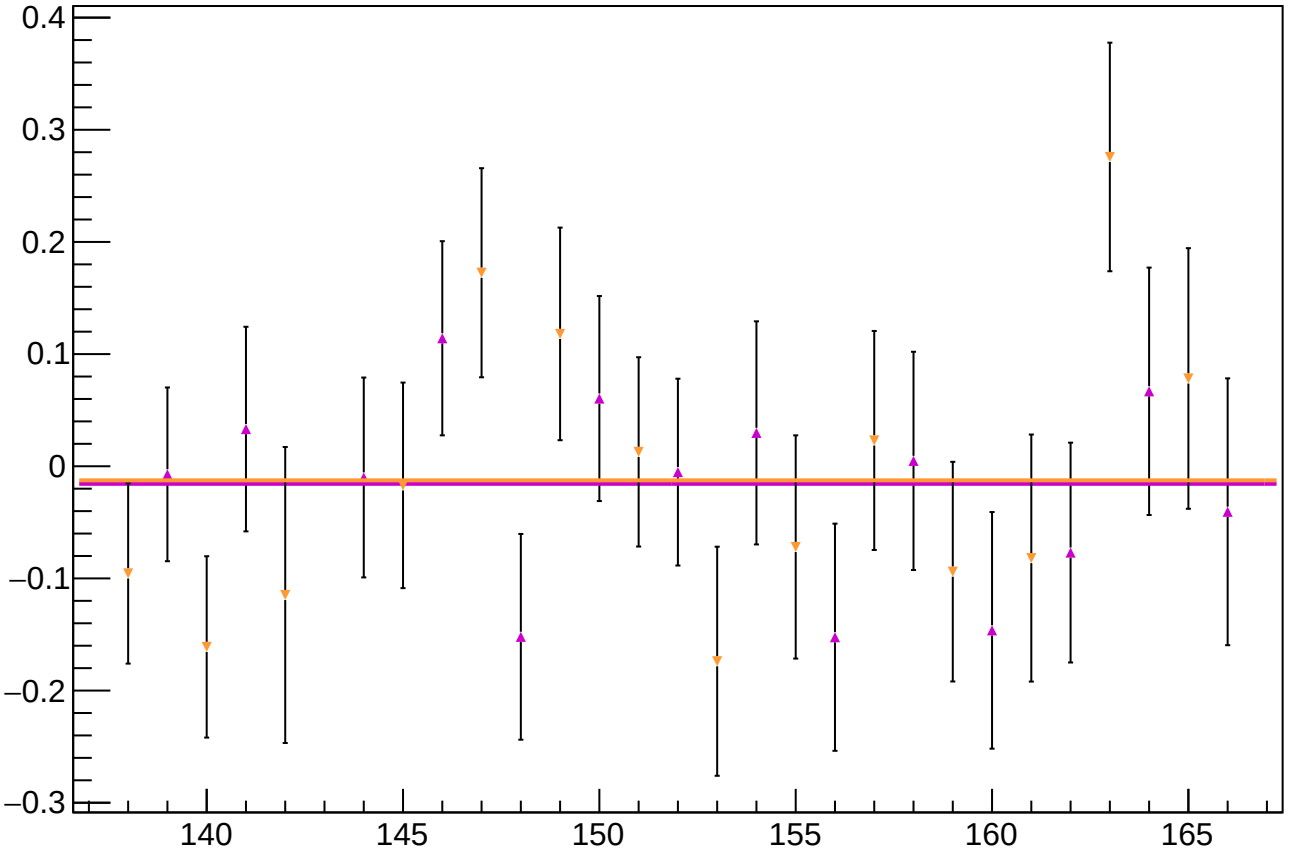
Right: -0.006+/-0.001 χ^2/NDF: 26531.6/33

In: -0.002+/-0.001 χ^2/NDF:42.0/29

Out: -0.001+/-0.001 χ^2/NDF:26535.4/31

All: -0.001+/-0.001 χ^2/NDF: 26577.8/61

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: -0.013+/-0.026 χ^2/NDF:23.7/13

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

Left In: -0.016+/-0.025 χ^2/NDF:10.1/13

Left: -0.014+/-0.018 χ^2/NDF: 33.7/27

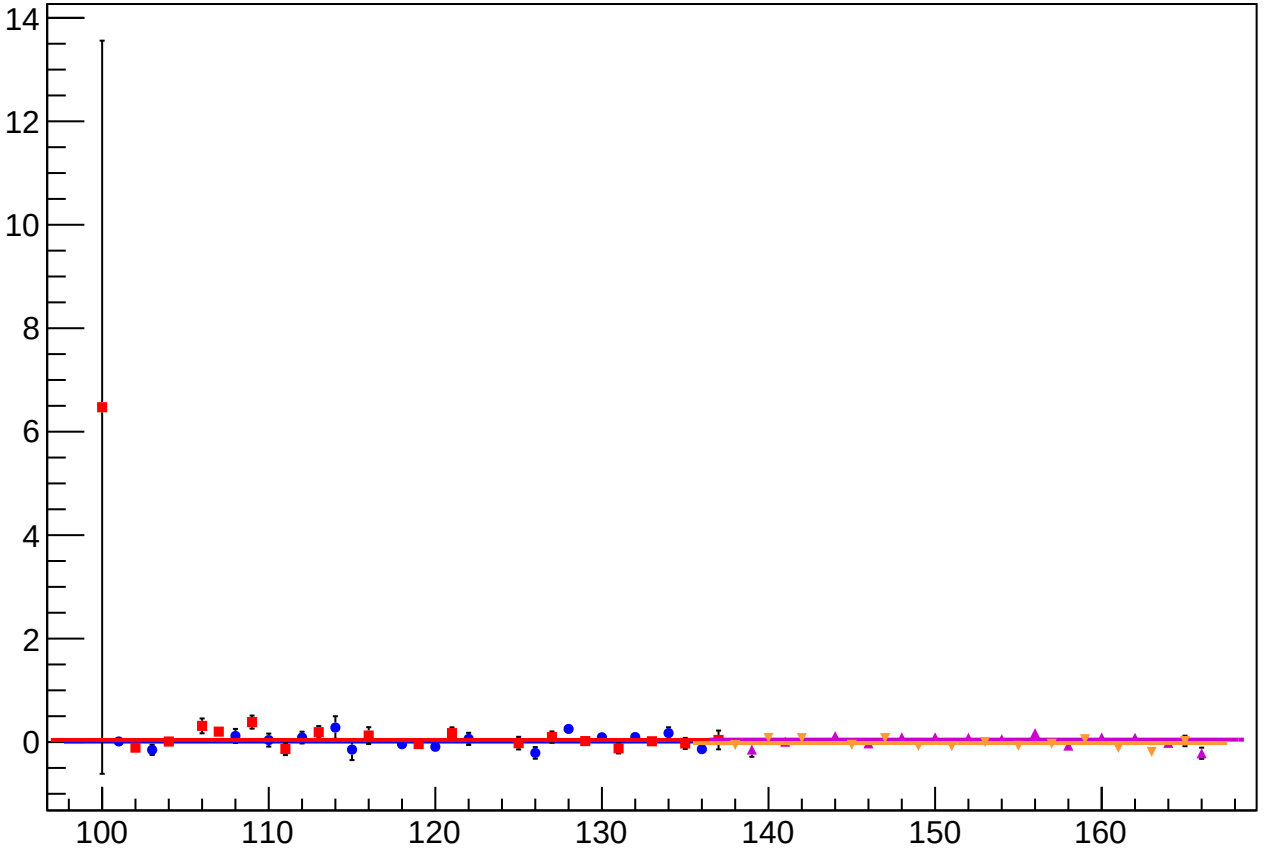
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.016+/-0.025 χ^2/NDF:10.1/13

Out: -0.013+/-0.026 χ^2/NDF:23.7/13

All: -0.014+/-0.018 χ^2/NDF: 33.7/27

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: -0.019+/-0.018 χ^2/NDF:19.5/13

Right Out: 0.040+/-0.025 χ^2/NDF: 27.9/17

Left In: 0.047+/-0.018 χ^2/NDF:20.3/13

Left: 0.014+/-0.013 χ^2/NDF: 46.7/27

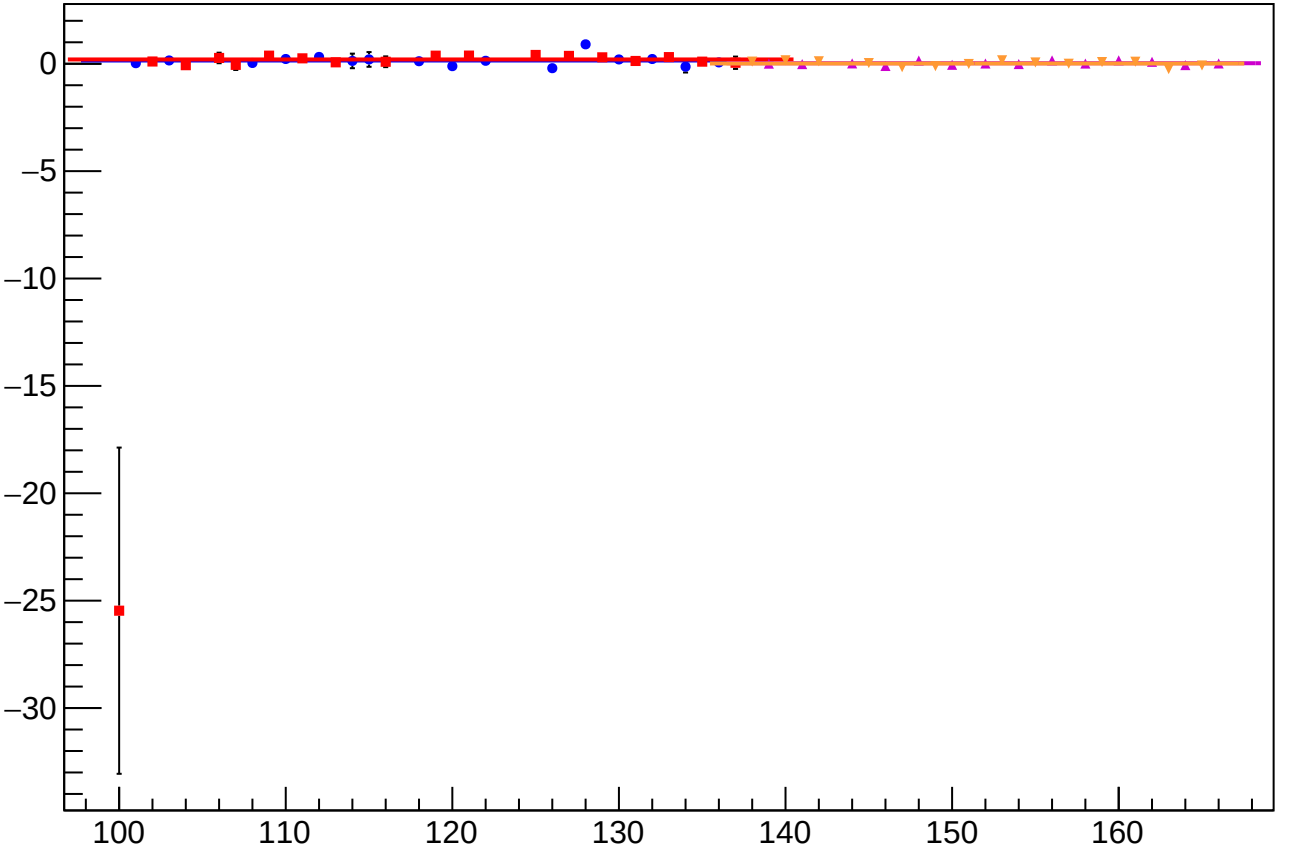
Right: 0.024+/-0.017 χ^2/NDF: 54.1/33

In: 0.033+/-0.014 χ^2/NDF:47.3/29

Out: 0.001+/-0.014 χ^2/NDF:51.3/31

All: 0.017+/-0.010 χ^2/NDF: 101.1/61

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: 0.012+/-0.025 χ^2/NDF:22.3/13

Right Out: 0.200+/-0.045 χ^2/NDF: 22.9/17

Left In: 0.025+/-0.025 χ^2/NDF:10.6/13

Left: 0.019+/-0.018 χ^2/NDF: 33.0/27

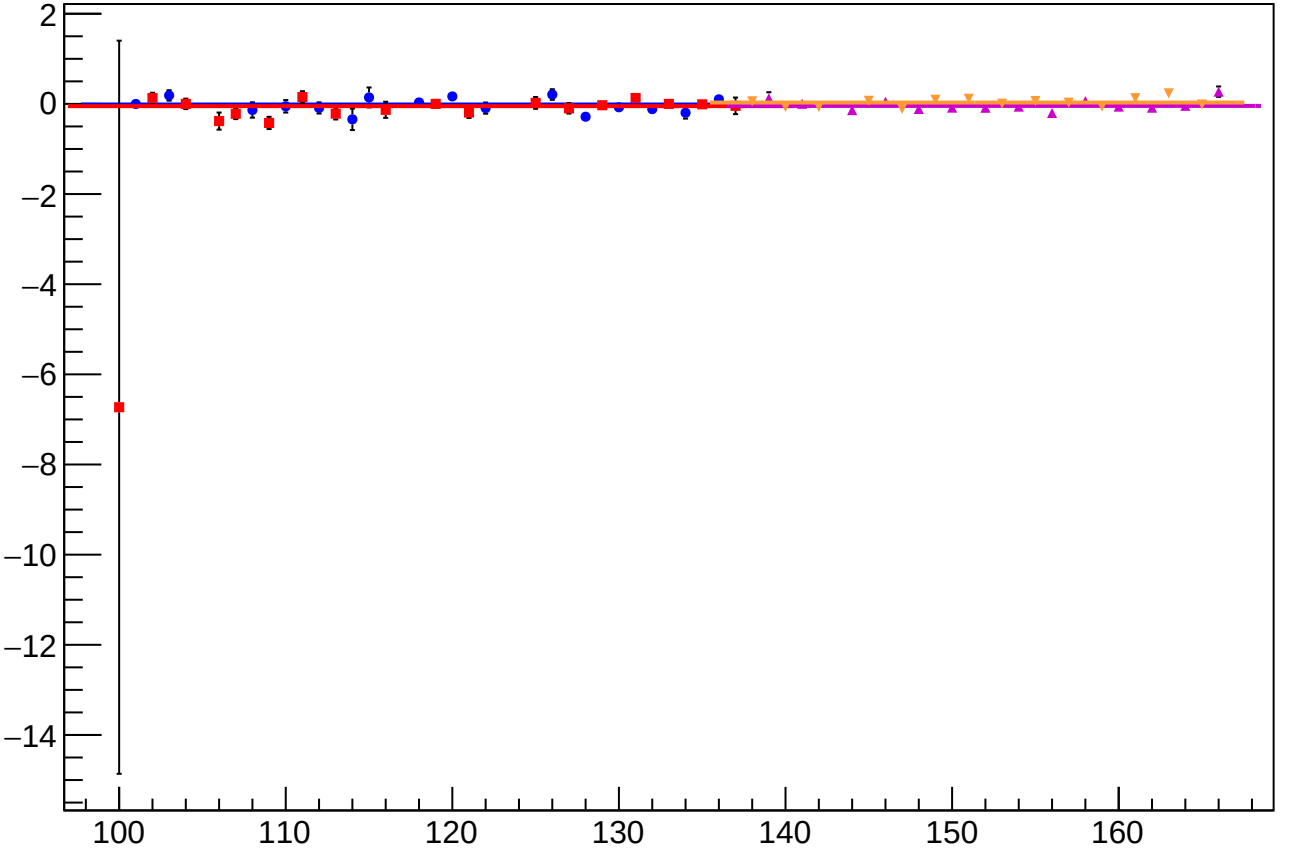
Right: 0.175+/-0.031 χ^2/NDF: 52.2/33

In: 0.057+/-0.021 χ^2/NDF:45.9/29

Out: 0.057+/-0.022 χ^2/NDF:58.5/31

All: 0.057+/-0.015 χ^2/NDF: 104.5/61

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: 0.030+/-0.021 χ^2/NDF:20.1/13

Right Out: -0.050+/-0.029 χ^2/NDF: 25.7/17

Left In: -0.044+/-0.021 χ^2/NDF:21.2/13

Left: -0.007+/-0.015 χ^2/NDF: 47.7/27

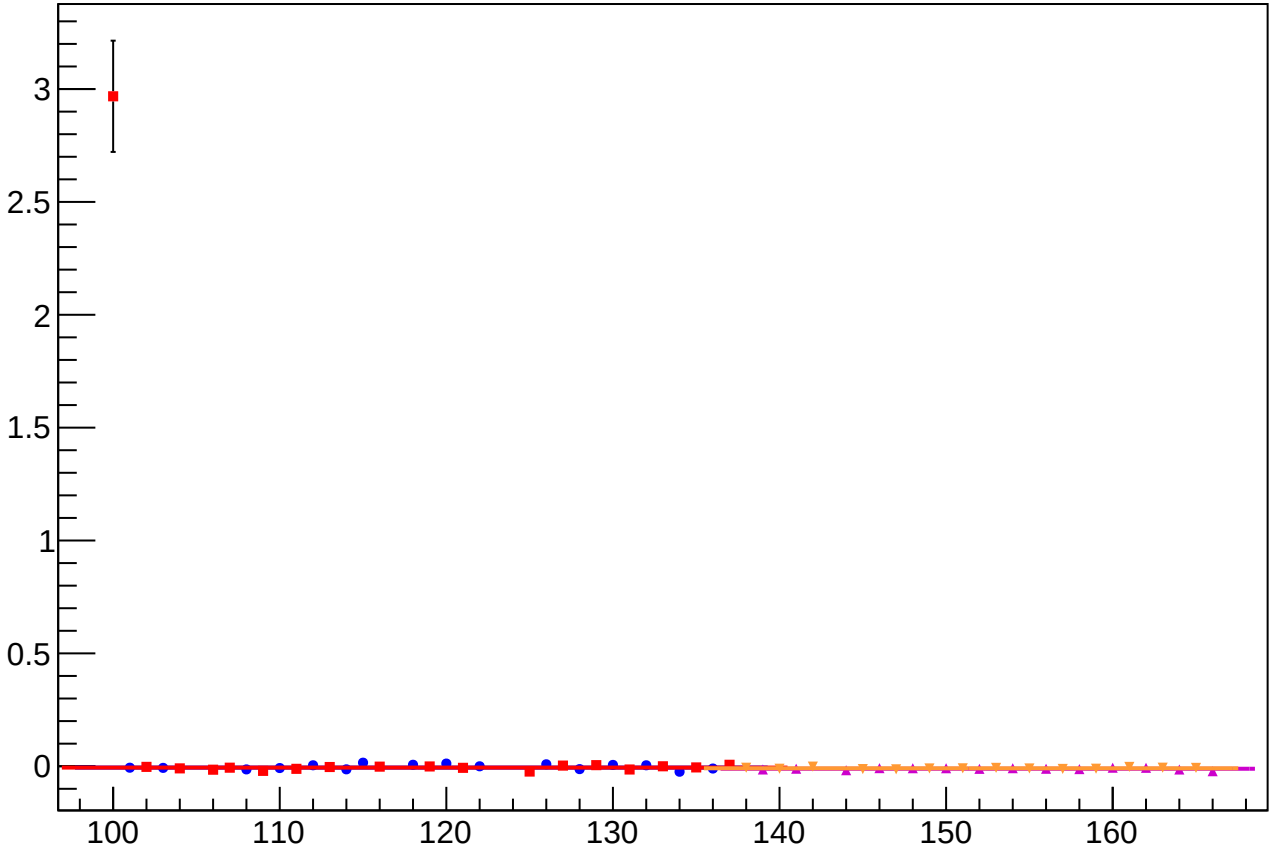
Right: -0.031+/-0.020 χ^2/NDF: 51.8/33

In: -0.033+/-0.017 χ^2/NDF:47.2/29

Out: 0.002+/-0.017 χ^2/NDF:51.0/31

All: -0.016+/-0.012 χ^2/NDF: 100.3/61

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:9.2/13

Right Out: -0.006+/-0.001 χ^2/NDF: 165.9/17

Left In: -0.011+/-0.001 χ^2/NDF:13.4/13

Left: -0.010+/-0.001 χ^2/NDF: 24.8/27

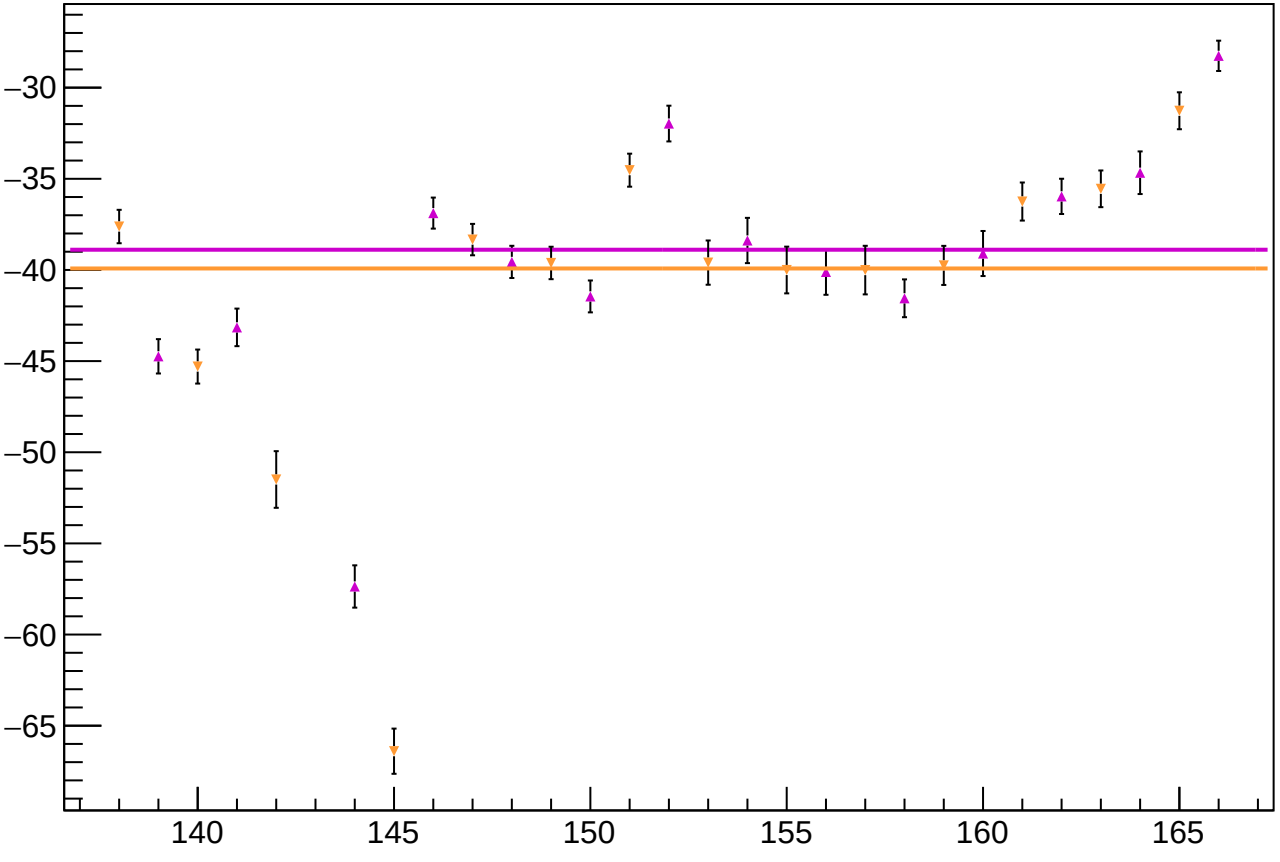
Right: -0.006+/-0.001 χ^2/NDF: 194.8/33

In: -0.010+/-0.001 χ^2/NDF:51.1/29

Out: -0.008+/-0.001 χ^2/NDF:178.2/31

All: -0.009+/-0.001 χ^2/NDF: 230.8/61

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: -39.919+/-0.279 χ^2/NDF:694.6/13

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

Left In: -38.891+/-0.268 χ^2/NDF:567.2/13

Left: -39.384+/-0.193 χ^2/NDF: 1268.8/27

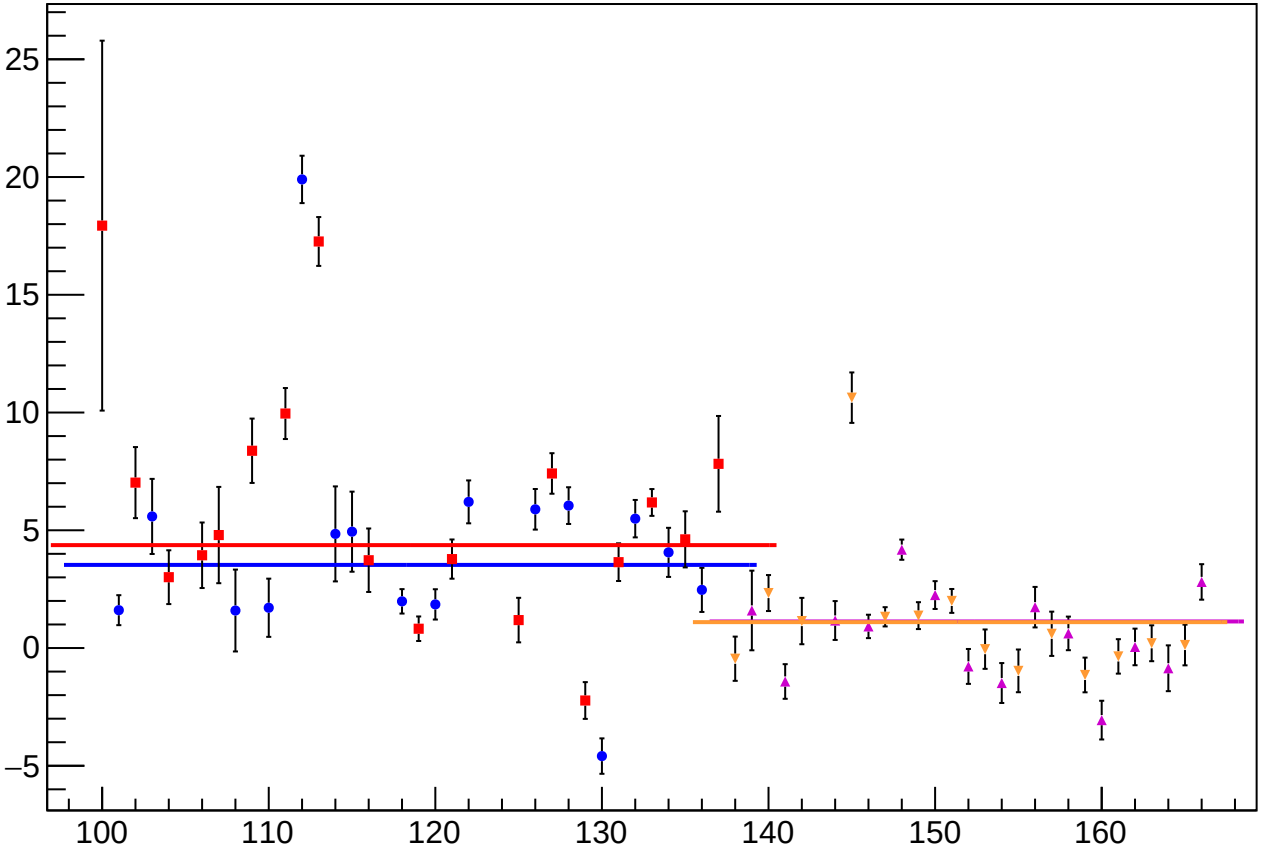
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.891+/-0.268 χ^2/NDF:567.2/13

Out: -39.919+/-0.279 χ^2/NDF:694.6/13

All: -39.384+/-0.193 χ^2/NDF: 1268.8/27

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: 1.099+/-0.188 χ^2/NDF:111.4/13

Right Out: 4.370+/-0.225 χ^2/NDF: 353.8/17

Left In: 1.128+/-0.187 χ^2/NDF:120.6/13

Left: 1.114+/-0.133 χ^2/NDF: 232.0/27

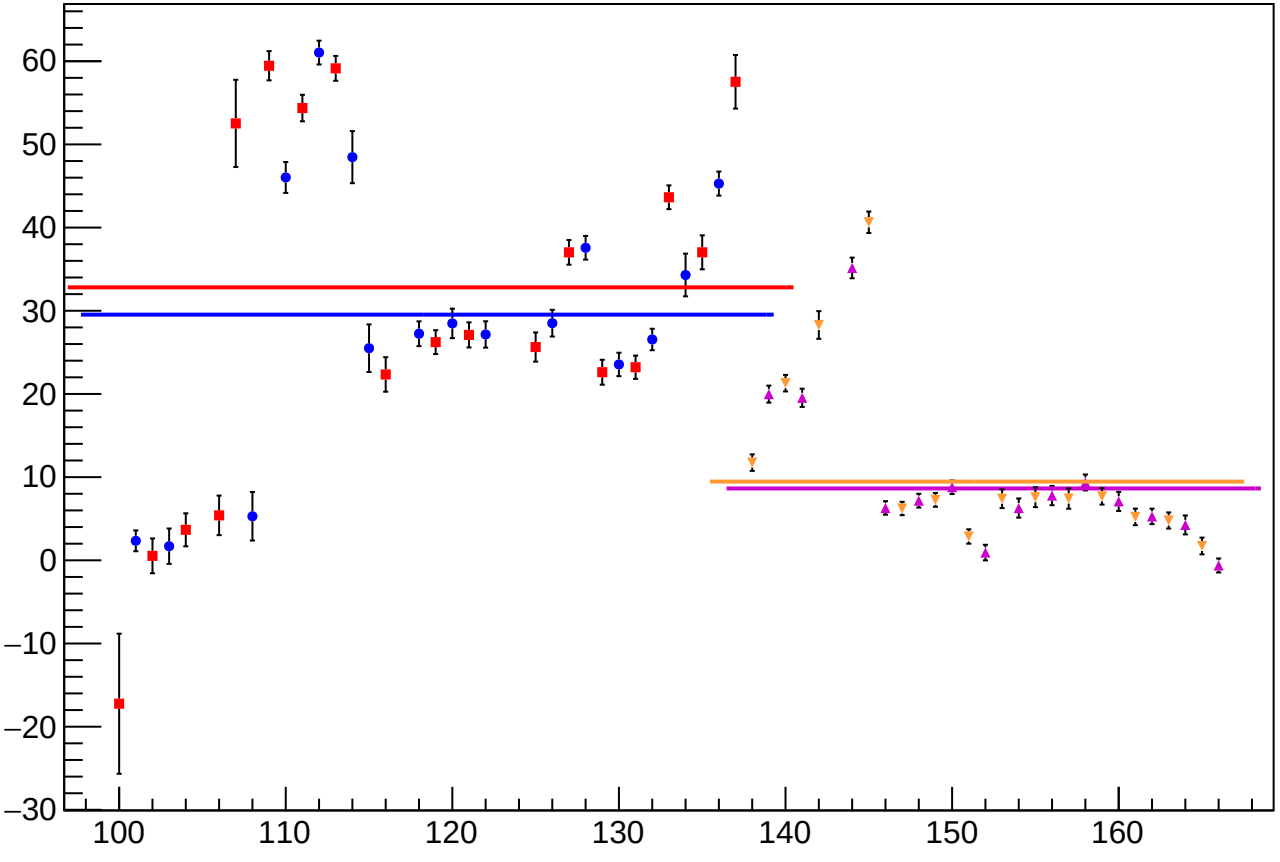
Right: 3.934+/-0.156 χ^2/NDF: 807.6/33

In: 2.152+/-0.142 χ^2/NDF:637.2/29

Out: 2.443+/-0.144 χ^2/NDF:589.3/31

All: 2.295+/-0.101 χ^2/NDF: 1228.5/61

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: 9.465+/-0.272 χ^2/NDF:1056.2/13

Right Out: 32.816+/-0.423 χ^2/NDF: 1659.3/17

Left In: 8.641+/-0.261 χ^2/NDF:912.1/13

Left: 9.036+/-0.188 χ^2/NDF: 1973.1/27

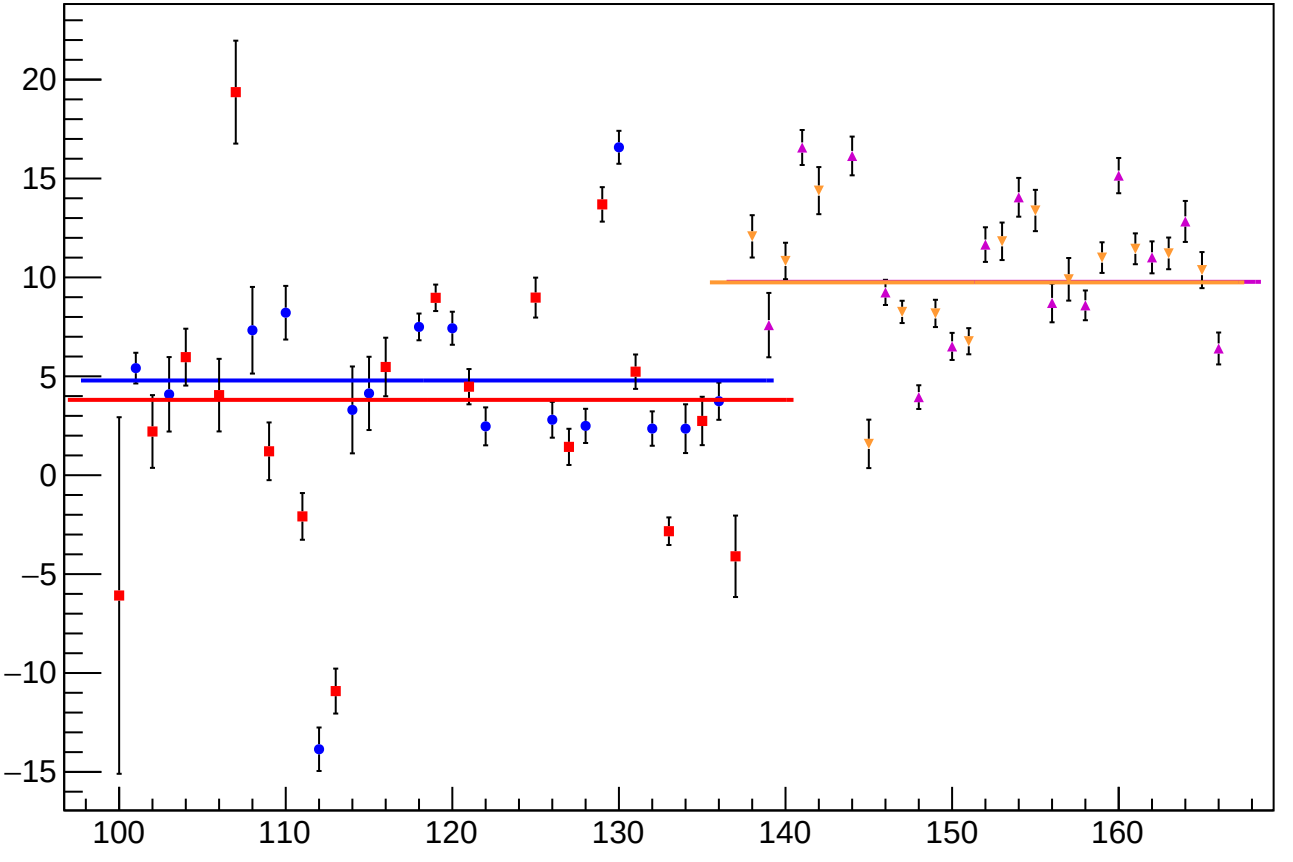
Right: 31.152+/-0.297 χ^2/NDF: 3184.7/33

In: 14.522+/-0.221 χ^2/NDF:4212.9/29

Out: 16.292+/-0.229 χ^2/NDF:4873.5/31

All: 15.378+/-0.159 χ^2/NDF: 9117.4/61

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: 9.749+/-0.224 χ^2/NDF:126.3/13

Right Out: 3.809+/-0.259 χ^2/NDF: 567.6/17

Left In: 9.776+/-0.221 χ^2/NDF:313.0/13

Left: 9.763+/-0.157 χ^2/NDF: 439.3/27

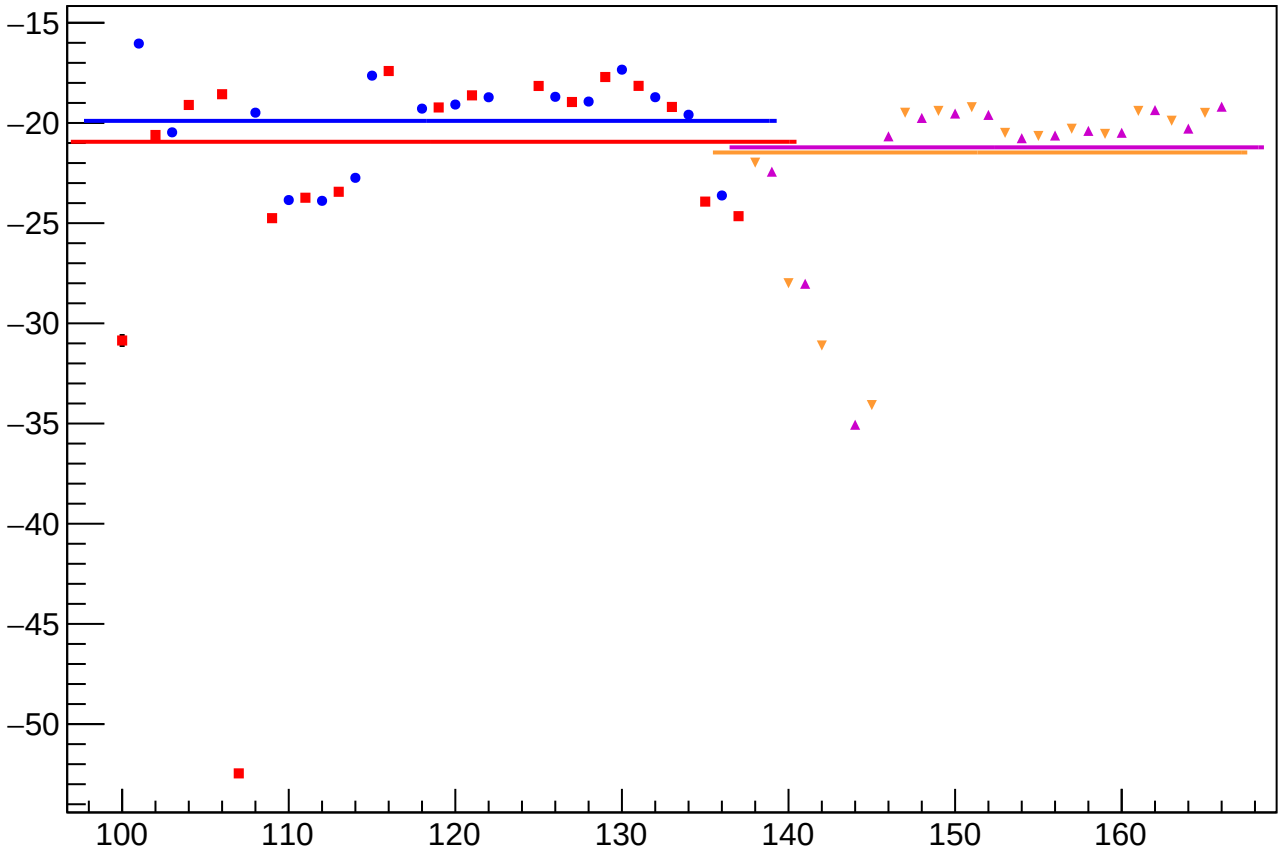
Right: 4.313+/-0.180 χ^2/NDF: 1128.9/33

In: 7.602+/-0.166 χ^2/NDF:1089.2/29

Out: 7.206+/-0.169 χ^2/NDF:995.0/31

All: 7.408+/-0.119 χ^2/NDF: 2087.0/61

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: -21.473+/-0.011 χ^2/NDF:124122.8/13

Right Out: -20.938+/-0.016 χ^2/NDF: 94065.2/17

Left In: -21.216+/-0.010 χ^2/NDF:102631.0/13

Left: -21.339+/-0.008 χ^2/NDF: 227045.1/27

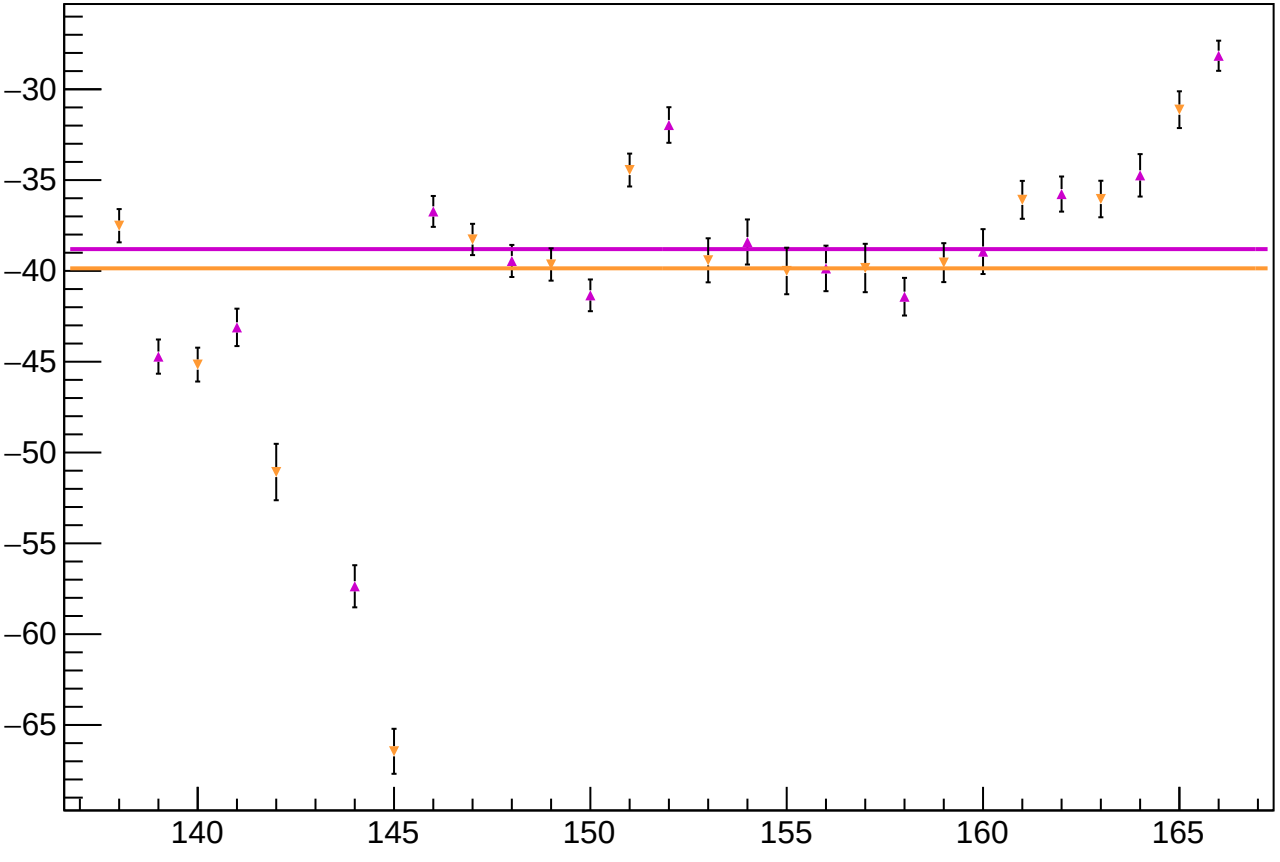
Right: -20.412+/-0.011 χ^2/NDF: 122364.1/33

In: -20.808+/-0.009 χ^2/NDF:133681.8/29

Out: -21.301+/-0.009 χ^2/NDF:218971.5/31

All: -21.047+/-0.006 χ^2/NDF: 354223.1/61

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: -39.859+/-0.279 χ^2/NDF:693.2/13

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

Left In: -38.801+/-0.268 χ^2/NDF:570.4/13

Left: -39.308+/-0.193 χ^2/NDF: 1271.1/27

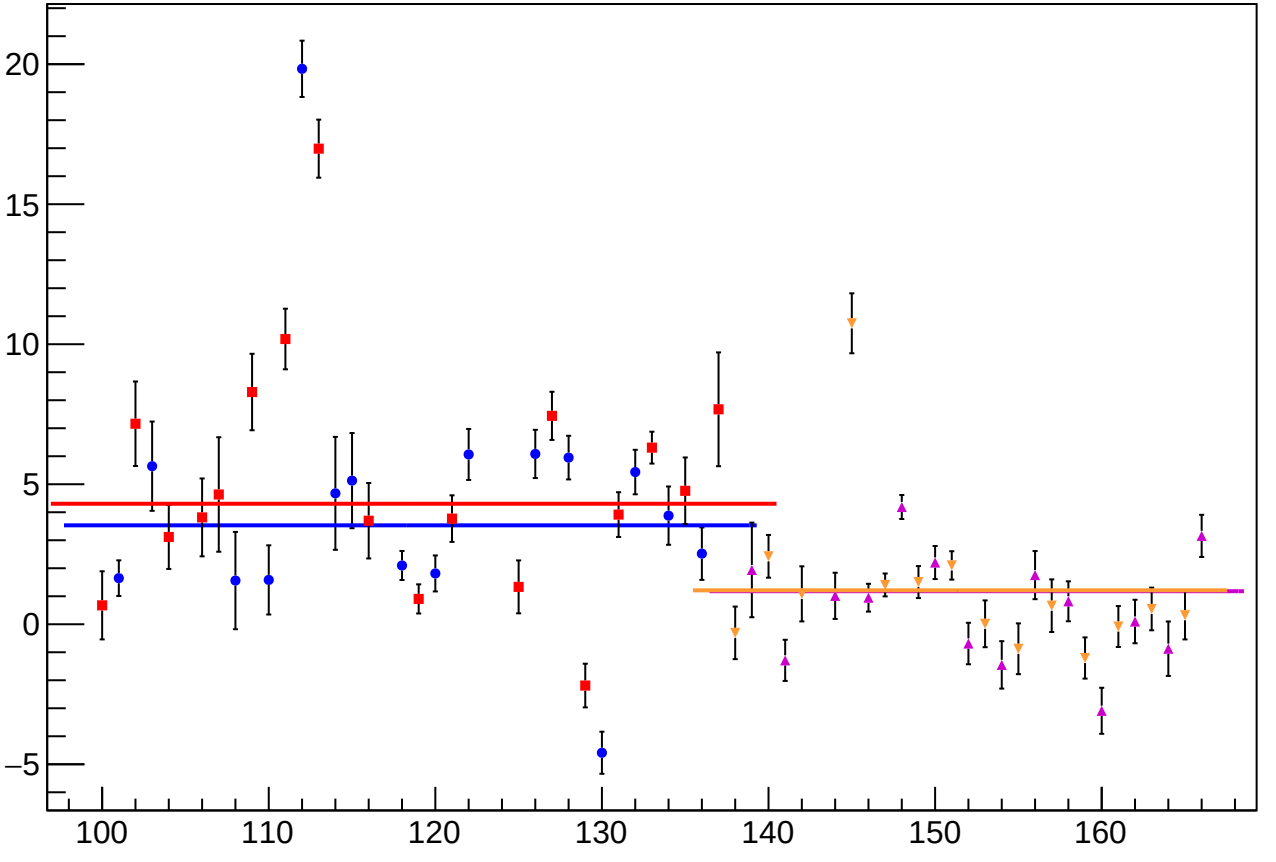
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.801+/-0.268 χ^2/NDF:570.4/13

Out: -39.859+/-0.279 χ^2/NDF:693.2/13

All: -39.308+/-0.193 χ^2/NDF: 1271.1/27

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: 1.211+/-0.188 χ^2/NDF:111.5/13

Right Out: 4.303+/-0.222 χ^2/NDF: 352.8/17

Left In: 1.180+/-0.187 χ^2/NDF:121.0/13

Left: 1.196+/-0.133 χ^2/NDF: 232.5/27

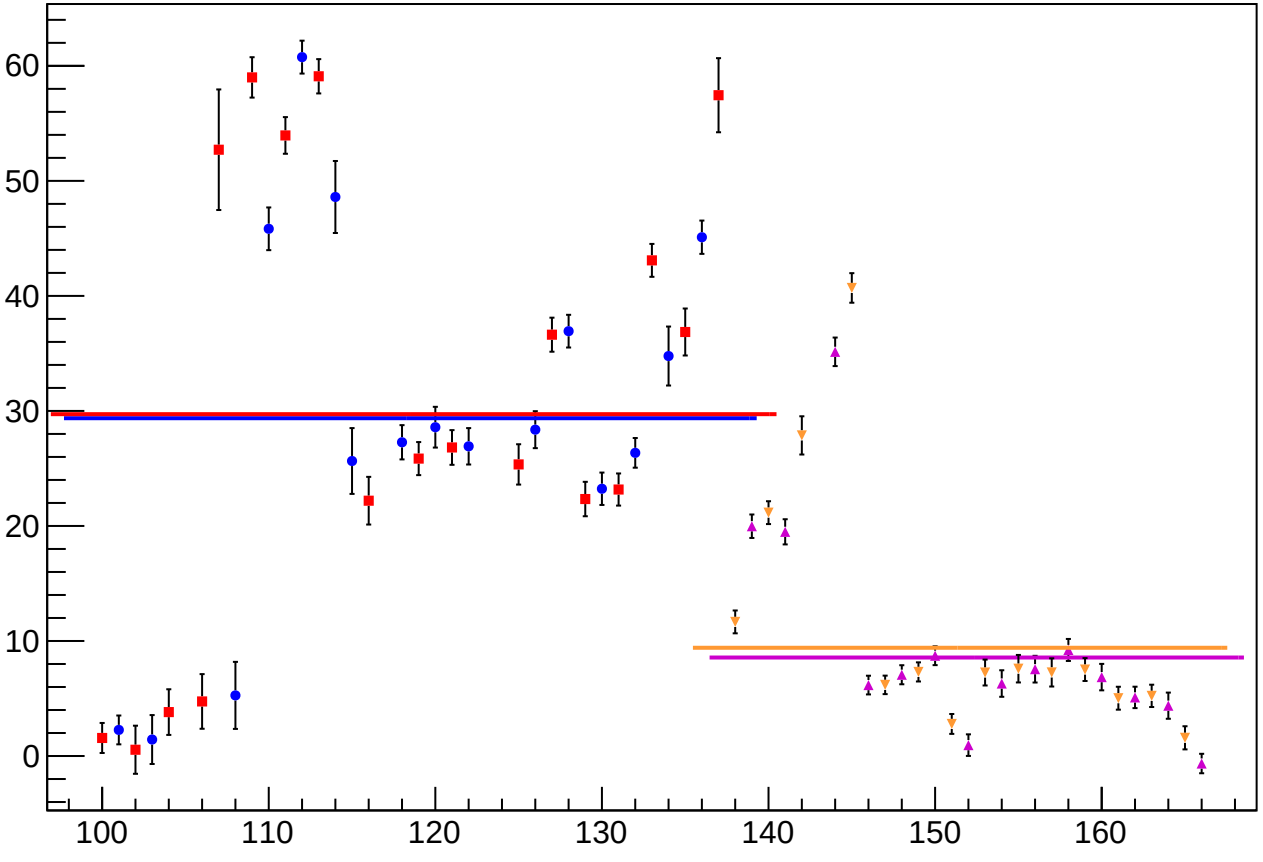
Right: 3.910+/-0.155 χ^2/NDF: 802.2/33

In: 2.183+/-0.142 χ^2/NDF:631.5/29

Out: 2.506+/-0.143 χ^2/NDF:577.5/31

All: 2.343+/-0.101 χ^2/NDF: 1211.6/61

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: 9.410+/-0.272 χ^2/NDF:1053.1/13

Right Out: 29.719+/-0.402 χ^2/NDF: 2129.5/17

Left In: 8.562+/-0.261 χ^2/NDF:915.4/13

Left: 8.969+/-0.188 χ^2/NDF: 1973.6/27

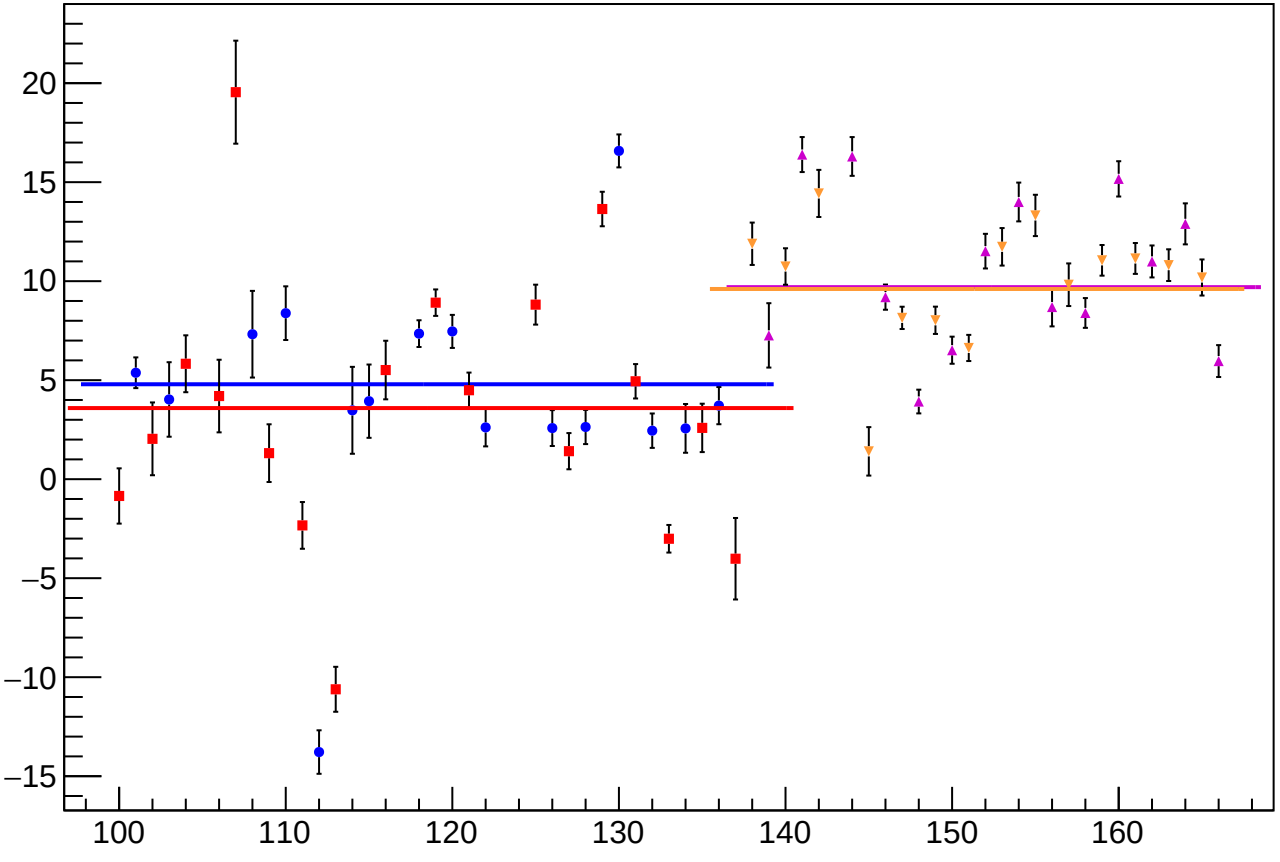
Right: 29.549+/-0.289 χ^2/NDF: 3618.6/33

In: 14.418+/-0.221 χ^2/NDF:4197.2/29

Out: 15.766+/-0.225 χ^2/NDF:4932.1/31

All: 15.080+/-0.158 χ^2/NDF: 9147.5/61

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: 9.606+/-0.224 χ^2/NDF:127.6/13

Right Out: 3.591+/-0.254 χ^2/NDF: 573.3/17

Left In: 9.699+/-0.221 χ^2/NDF:319.2/13

Left: 9.653+/-0.157 χ^2/NDF: 446.9/27

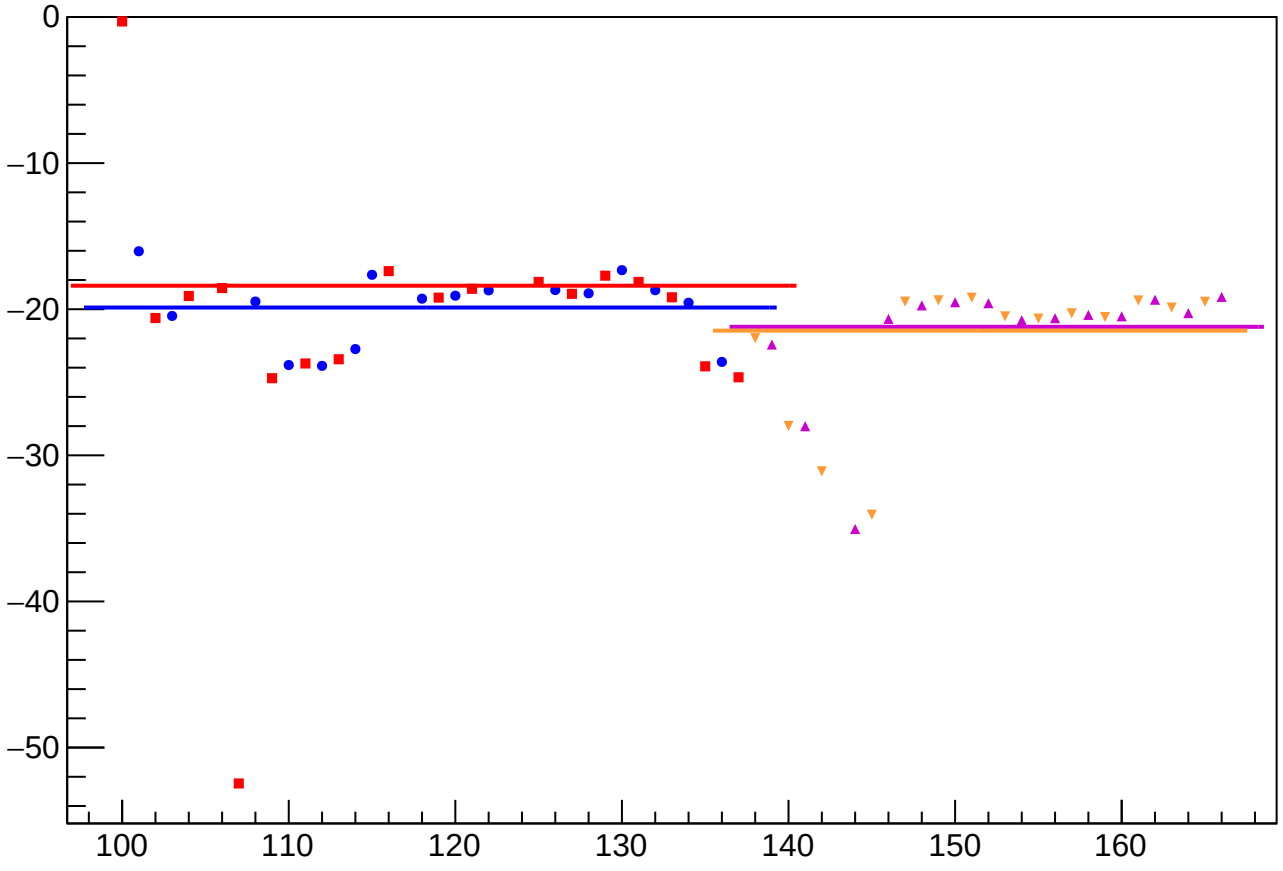
Right: 4.201+/-0.179 χ^2/NDF: 1134.6/33

In: 7.560+/-0.166 χ^2/NDF:1084.4/29

Out: 6.982+/-0.168 χ^2/NDF:1015.9/31

All: 7.275+/-0.118 χ^2/NDF: 2106.3/61

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: -21.465+/-0.011 χ^2/NDF:124169.2/13

Right Out: -18.390+/-0.015 χ^2/NDF: 301247.7/17

Left In: -21.204+/-0.010 χ^2/NDF:102638.8/13

Left: -21.329+/-0.007 χ^2/NDF: 227110.7/27

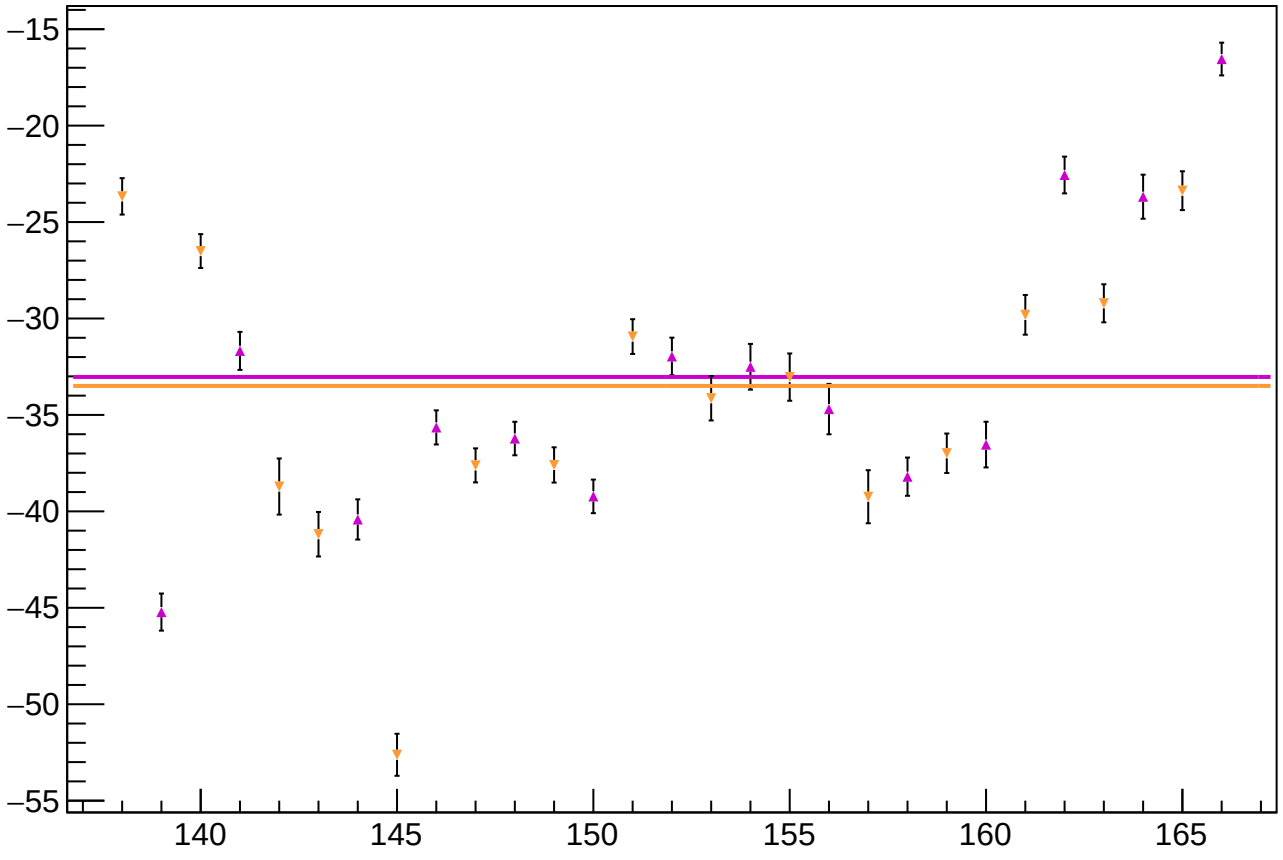
Right: -19.096+/-0.011 χ^2/NDF: 332167.8/33

In: -20.796+/-0.009 χ^2/NDF:133685.3/29

Out: -20.388+/-0.009 χ^2/NDF:453708.9/31

All: -20.594+/-0.006 χ^2/NDF: 588499.9/61

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: -33.496+/-0.267 χ^2/NDF:749.4/14

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

Left In: -33.031+/-0.265 χ^2/NDF:889.3/13

Left: -33.262+/-0.188 χ^2/NDF: 1640.3/28

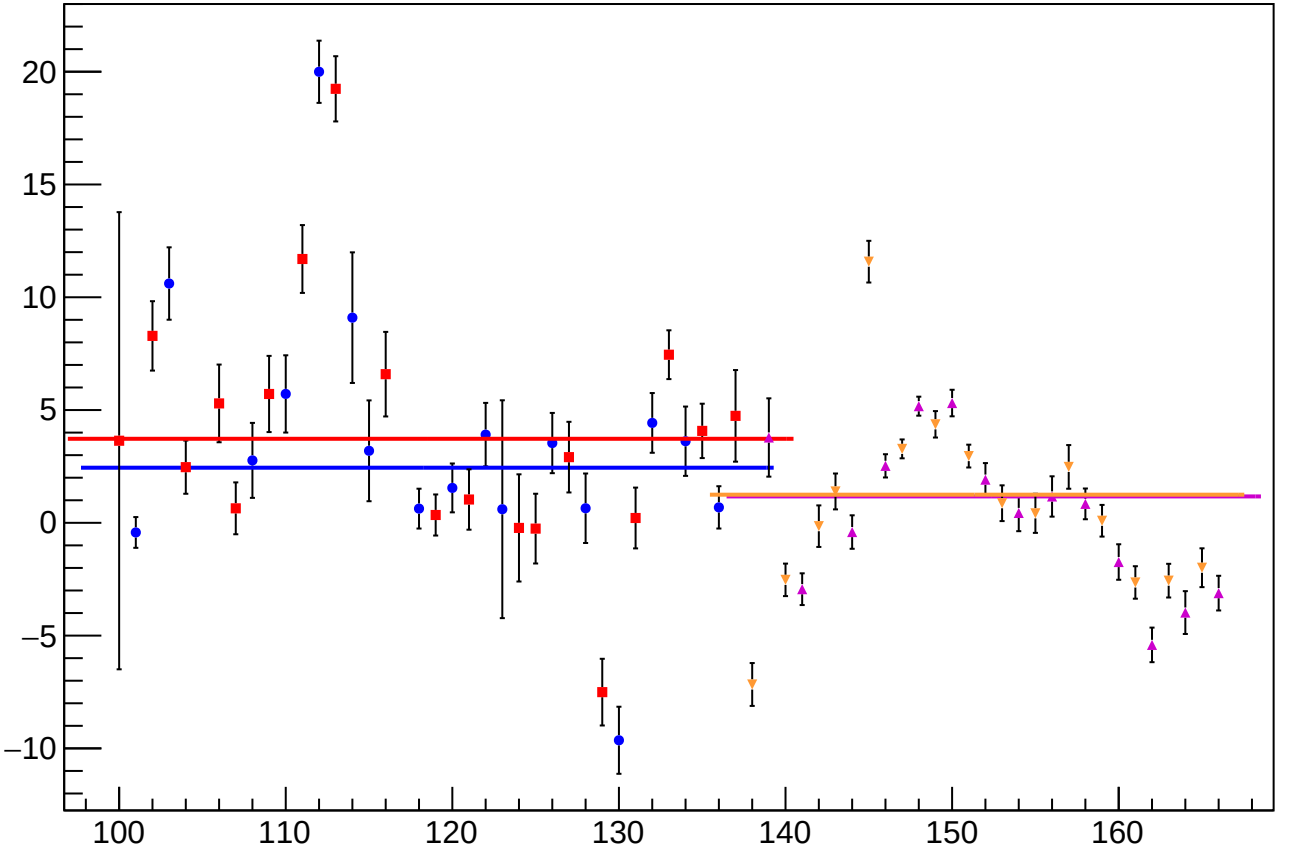
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -33.031+/-0.265 χ^2/NDF:889.3/13

Out: -33.496+/-0.267 χ^2/NDF:749.4/14

All: -33.262+/-0.188 χ^2/NDF: 1640.3/28

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: 1.247+/-0.181 χ^2/NDF:371.3/14

Right Out: 3.726+/-0.327 χ^2/NDF: 269.1/18

Left In: 1.170+/-0.185 χ^2/NDF:337.7/13

Left: 1.210+/-0.129 χ^2/NDF: 709.1/28

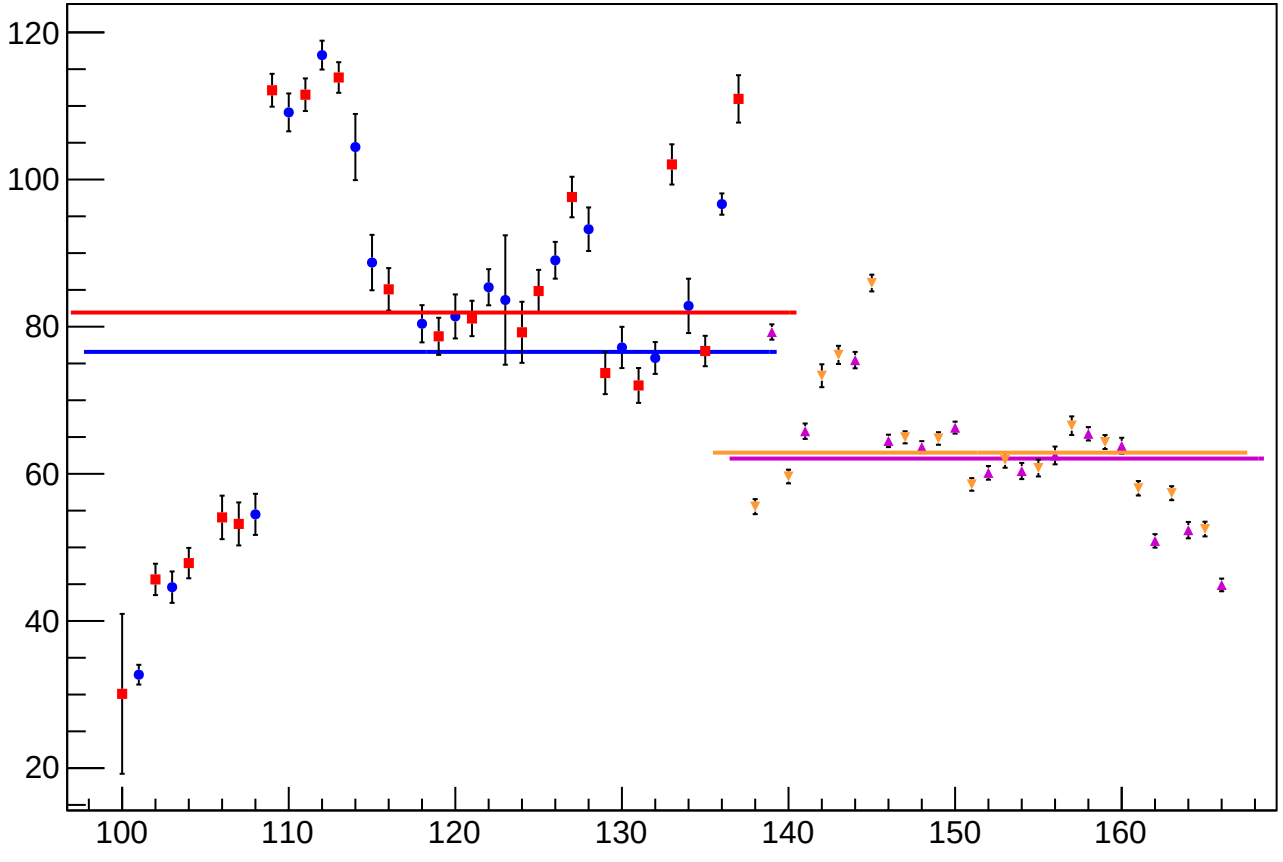
Right: 3.053+/-0.225 χ^2/NDF: 572.5/35

In: 1.502+/-0.159 χ^2/NDF:645.4/30

Out: 1.828+/-0.158 χ^2/NDF:684.4/33

All: 1.666+/-0.112 χ^2/NDF: 1332.0/64

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: 62.878+/-0.261 χ^2/NDF:852.7/14

Right Out: 81.923+/-0.592 χ^2/NDF: 1570.6/18

Left In: 62.077+/-0.258 χ^2/NDF:1110.9/13

Left: 62.472+/-0.183 χ^2/NDF: 1968.4/28

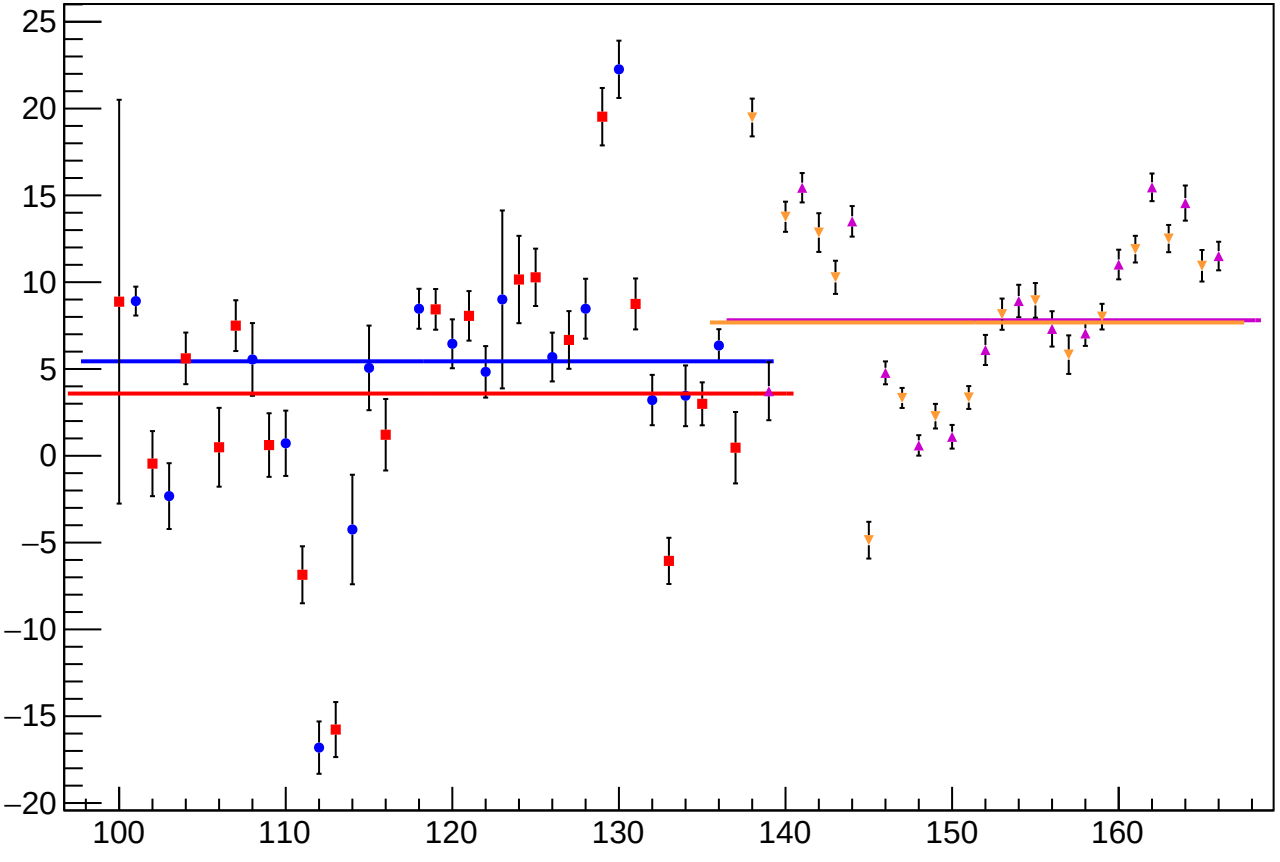
Right: 79.162+/-0.412 χ^2/NDF: 3866.3/35

In: 64.513+/-0.235 χ^2/NDF:3896.3/30

Out: 65.983+/-0.239 χ^2/NDF:3289.8/33

All: 65.236+/-0.168 χ^2/NDF: 7205.4/64

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: 7.679+/-0.215 χ^2/NDF:580.2/14

Right Out: 3.585+/-0.375 χ^2/NDF: 423.2/18

Left In: 7.806+/-0.217 χ^2/NDF:574.8/13

Left: 7.742+/-0.153 χ^2/NDF: 1155.1/28

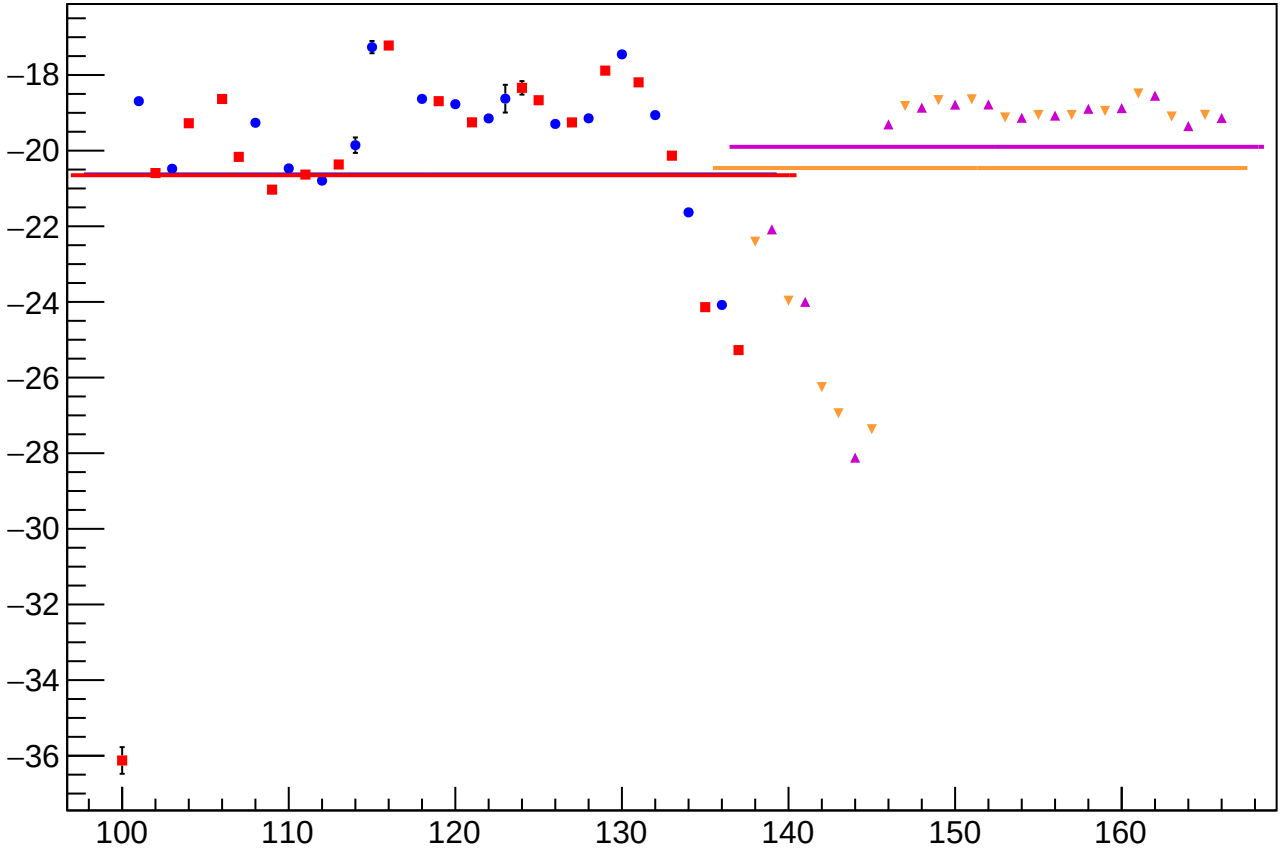
Right: 4.559+/-0.259 χ^2/NDF: 823.5/35

In: 7.167+/-0.186 χ^2/NDF:994.2/30

Out: 6.669+/-0.186 χ^2/NDF:1093.1/33

All: 6.919+/-0.132 χ^2/NDF: 2090.9/64

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: -20.460+/-0.010 χ^2/NDF:76485.4/14

Right Out: -20.650+/-0.019 χ^2/NDF: 13885.7/18

Left In: -19.899+/-0.010 χ^2/NDF:48657.8/13

Left: -20.176+/-0.007 χ^2/NDF: 126616.5/28

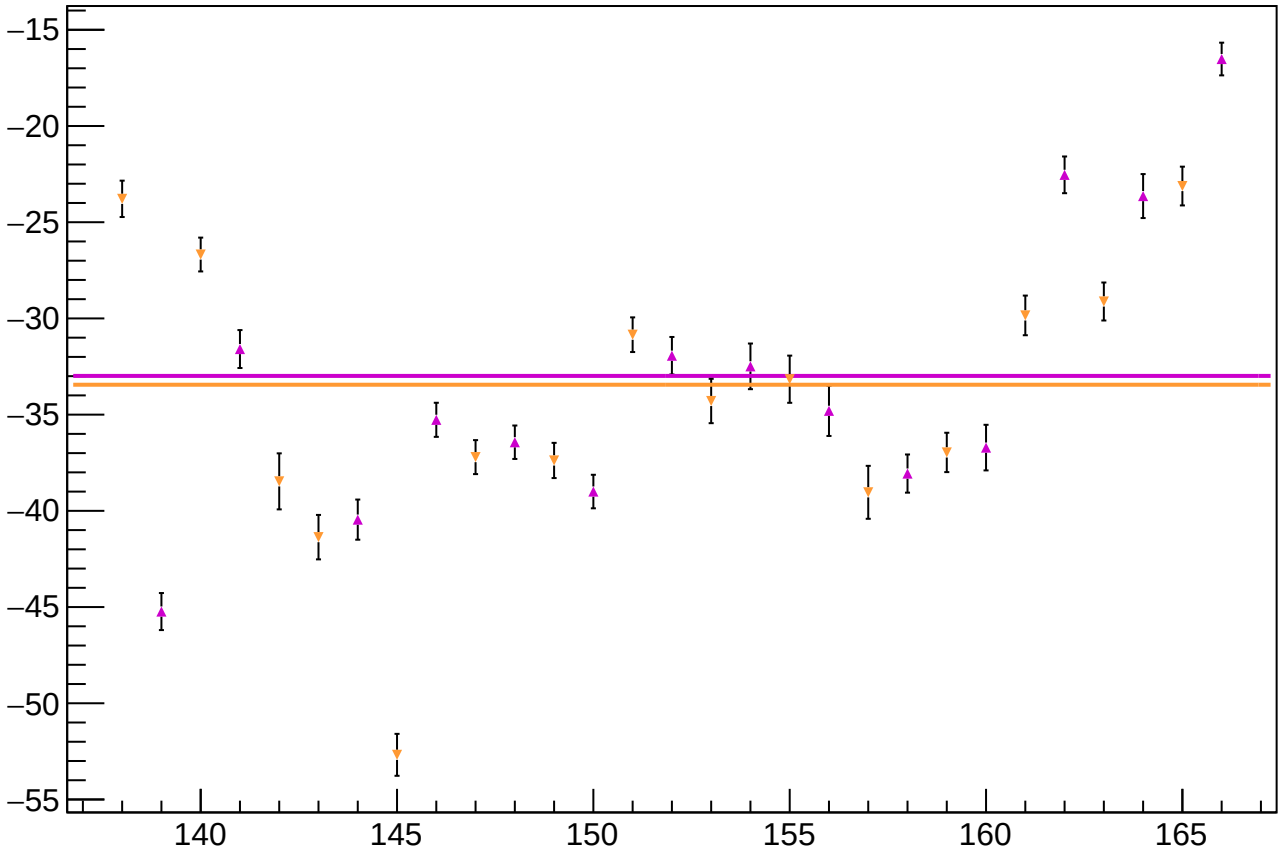
Right: -20.640+/-0.014 χ^2/NDF: 26376.6/35

In: -20.061+/-0.009 χ^2/NDF:62270.0/30

Out: -20.502+/-0.009 χ^2/NDF:90445.2/33

All: -20.279+/-0.006 χ^2/NDF: 153887.3/64

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: -33.446+/-0.267 χ^2/NDF:744.6/14

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

Left In: -32.987+/-0.265 χ^2/NDF:887.1/13

Left: -33.215+/-0.188 χ^2/NDF: 1633.2/28

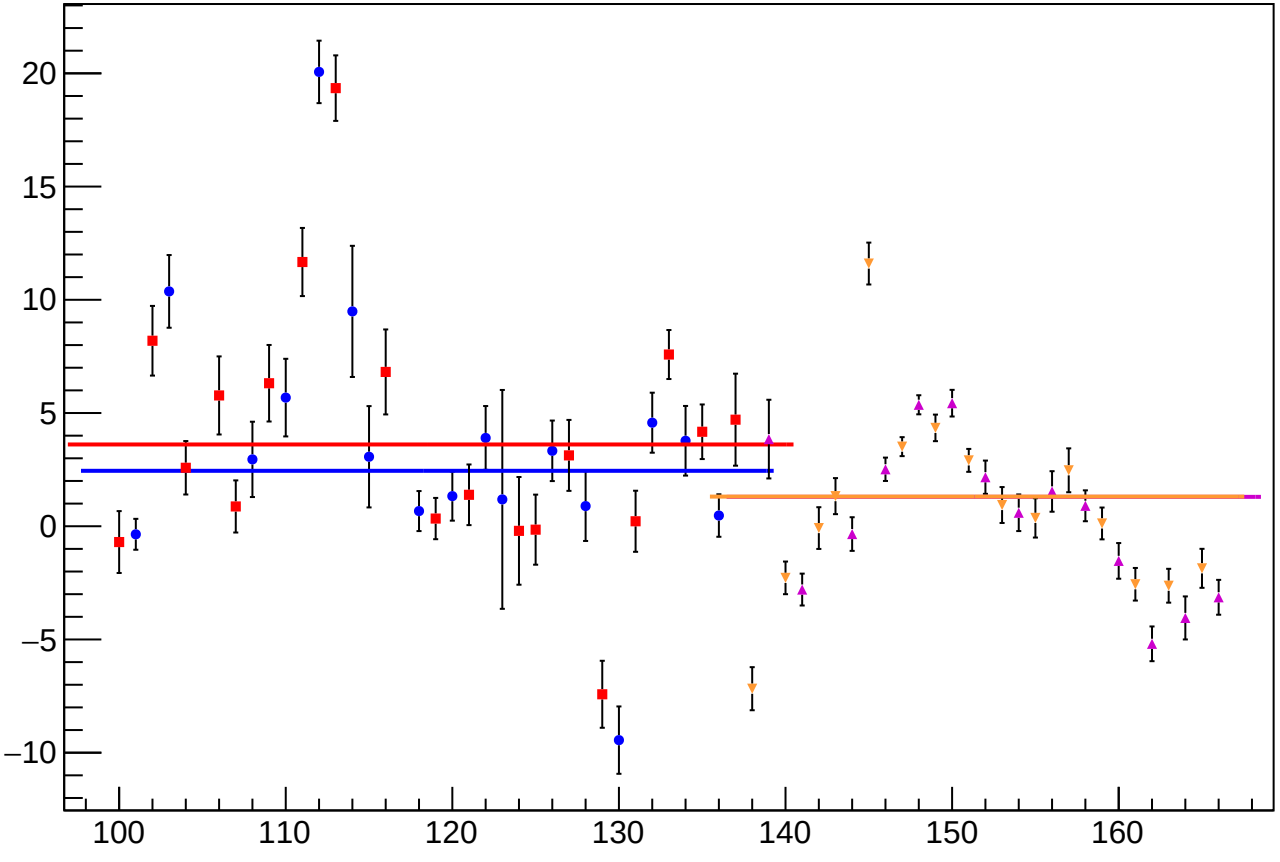
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.987+/-0.265 χ^2/NDF:887.1/13

Out: -33.446+/-0.267 χ^2/NDF:744.6/14

All: -33.215+/-0.188 χ^2/NDF: 1633.2/28

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: 1.309+/-0.181 χ^2/NDF:370.8/14

Right Out: 3.611+/-0.318 χ^2/NDF: 279.4/18

Left In: 1.298+/-0.185 χ^2/NDF:340.9/13

Left: 1.304+/-0.129 χ^2/NDF: 711.7/28

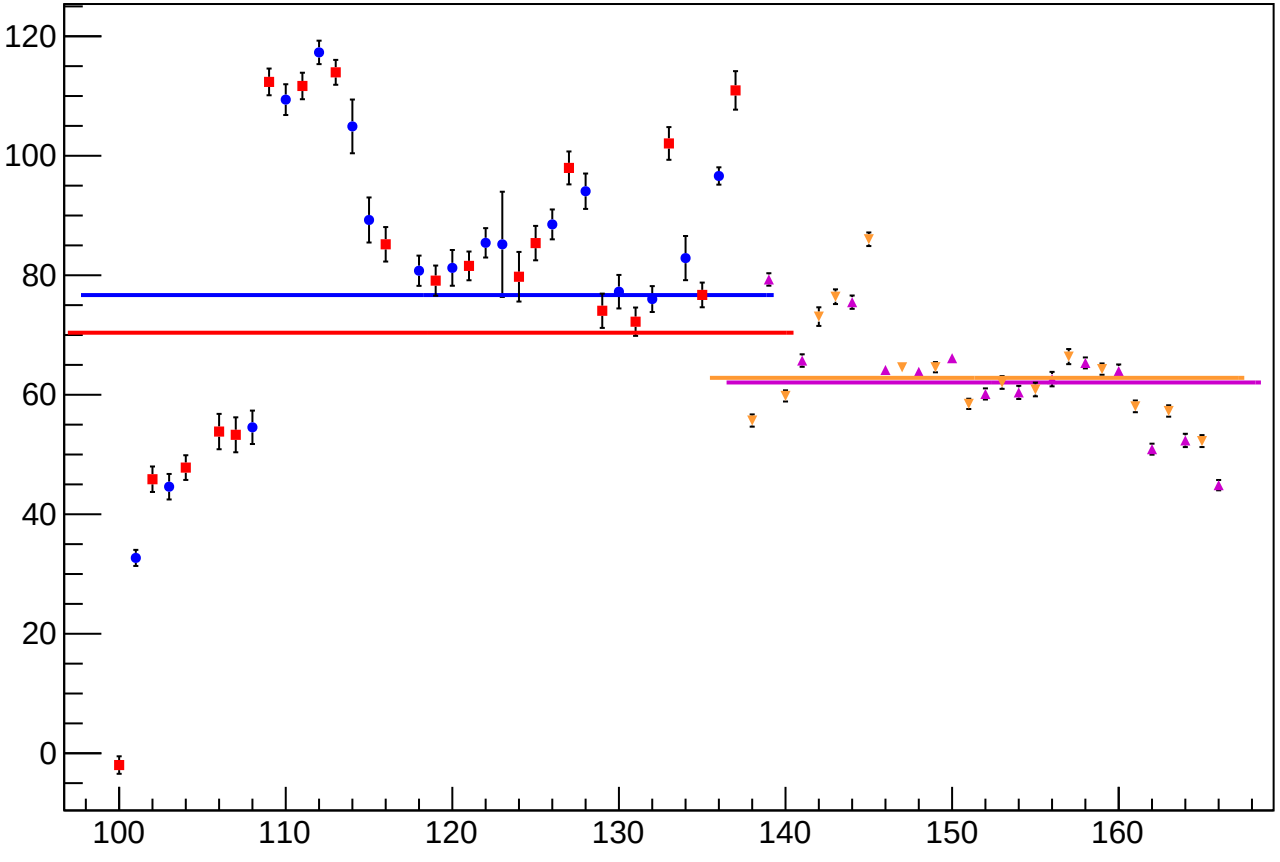
Right: 3.017+/-0.223 χ^2/NDF: 579.6/35

In: 1.597+/-0.159 χ^2/NDF:644.4/30

Out: 1.872+/-0.157 χ^2/NDF:689.8/33

All: 1.736+/-0.112 χ^2/NDF: 1335.7/64

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: 62.834+/-0.261 χ^2/NDF:856.6/14

Right Out: 70.386+/-0.550 χ^2/NDF: 4391.1/18

Left In: 62.056+/-0.258 χ^2/NDF:1107.9/13

Left: 62.440+/-0.184 χ^2/NDF: 1969.0/28

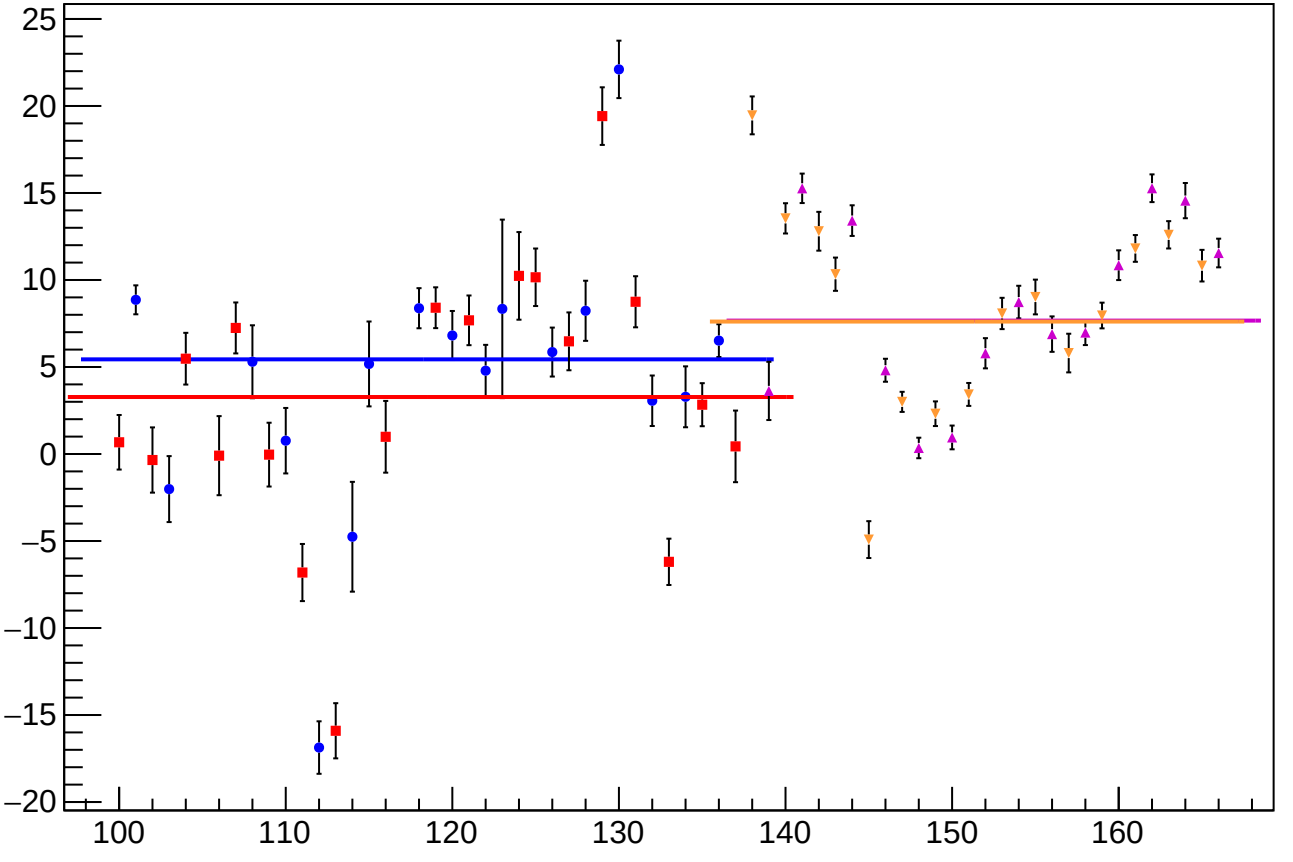
Right: 73.402+/-0.397 χ^2/NDF: 6719.1/35

In: 64.516+/-0.235 χ^2/NDF:3914.2/30

Out: 64.226+/-0.236 χ^2/NDF:5401.7/33

All: 64.372+/-0.167 χ^2/NDF: 9316.6/64

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: 7.611+/-0.215 χ^2/NDF:582.7/14

Right Out: 3.275+/-0.365 χ^2/NDF: 425.8/18

Left In: 7.666+/-0.218 χ^2/NDF:579.7/13

Left: 7.638+/-0.153 χ^2/NDF: 1162.4/28

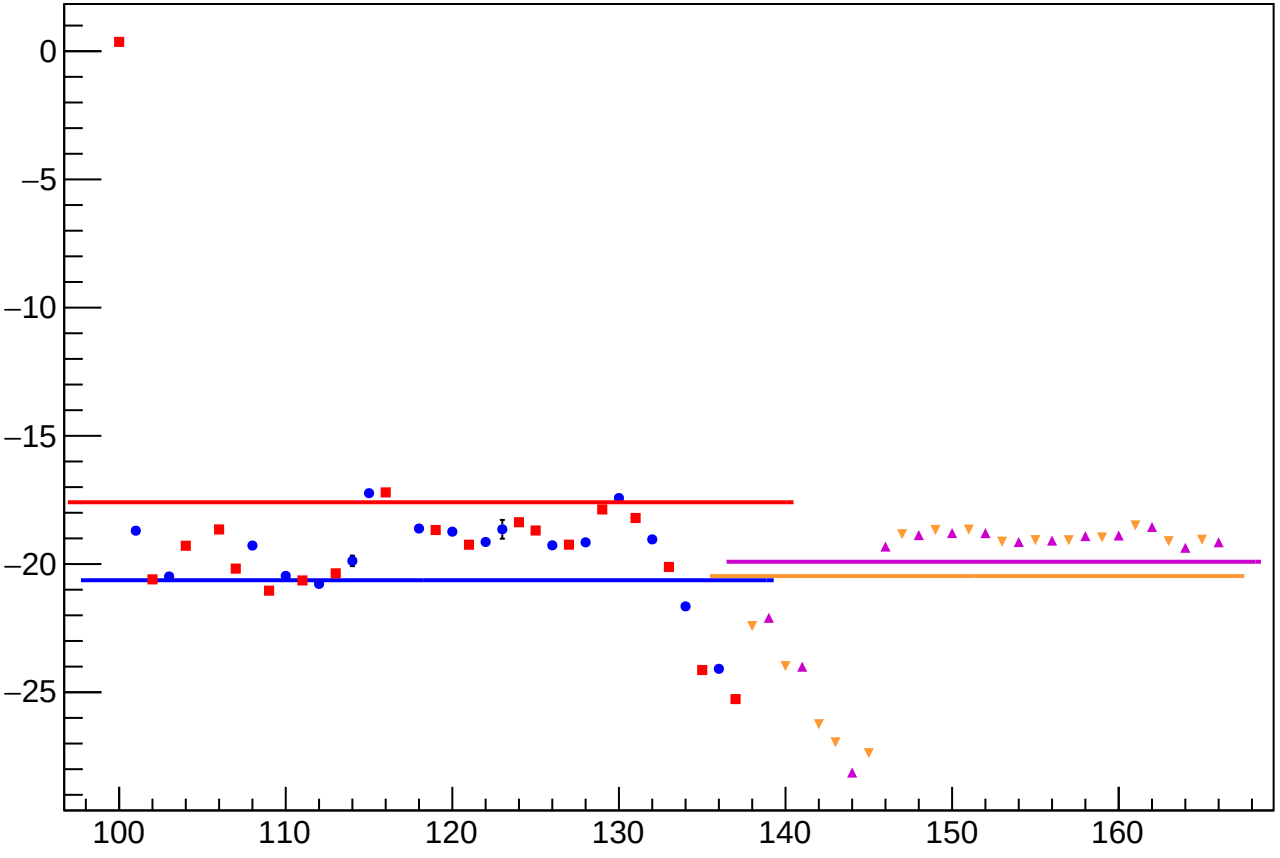
Right: 4.381+/-0.256 χ^2/NDF: 829.6/35

In: 7.064+/-0.186 χ^2/NDF:993.9/30

Out: 6.497+/-0.185 χ^2/NDF:1113.2/33

All: 6.779+/-0.131 χ^2/NDF: 2111.8/64

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: -20.469+/-0.010 χ^2/NDF:76340.9/14

Right Out: -17.591+/-0.018 χ^2/NDF: 178680.7/18

Left In: -19.910+/-0.010 χ^2/NDF:48585.4/13

Left: -20.187+/-0.007 χ^2/NDF: 126389.2/28

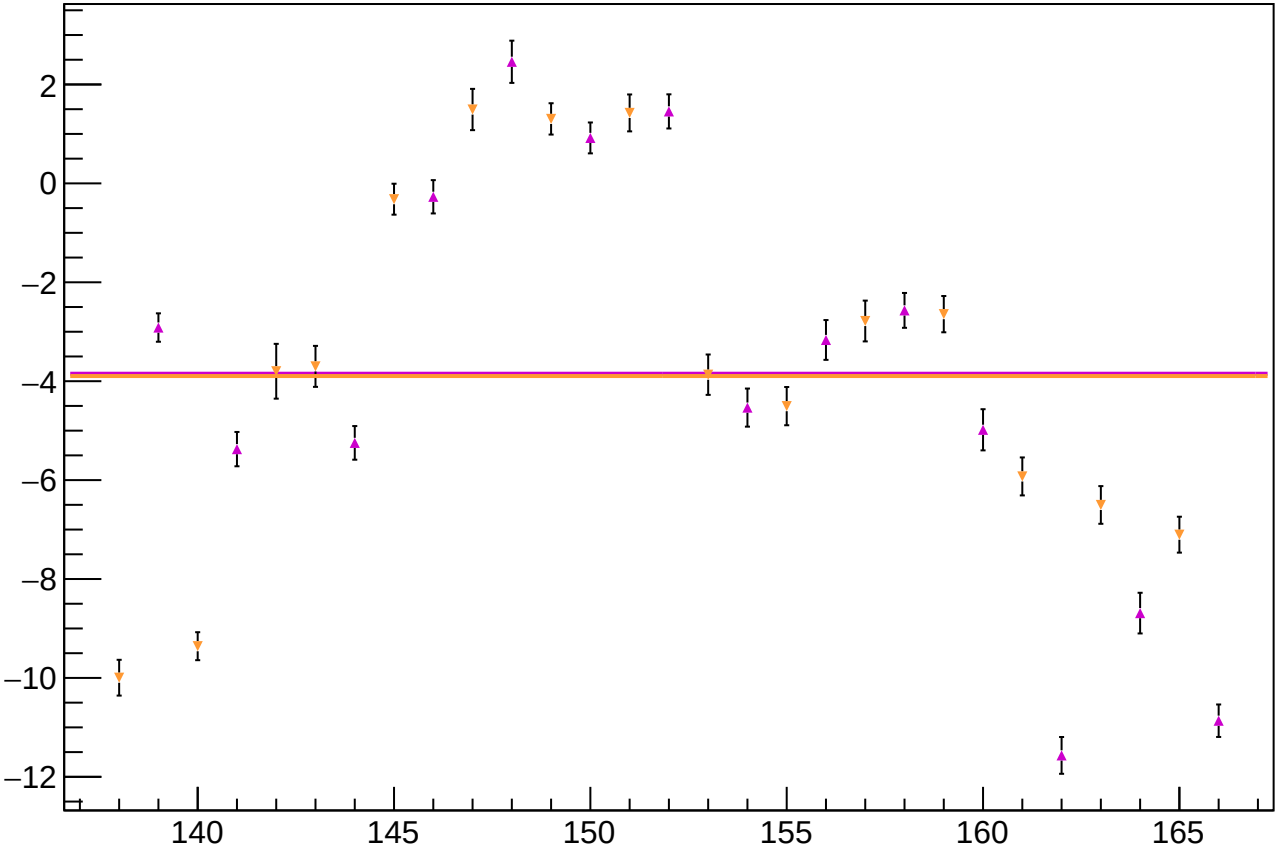
Right: -19.007+/-0.013 χ^2/NDF: 204486.4/35

In: -20.070+/-0.009 χ^2/NDF:62205.6/30

Out: -19.750+/-0.009 χ^2/NDF:274173.9/33

All: -19.909+/-0.006 χ^2/NDF: 337006.1/64

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -3.896+/-0.096 χ^2/NDF:1601.6/14

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

Left In: -3.849+/-0.095 χ^2/NDF:1899.2/13

Left: -3.872+/-0.067 χ^2/NDF: 3501.0/28

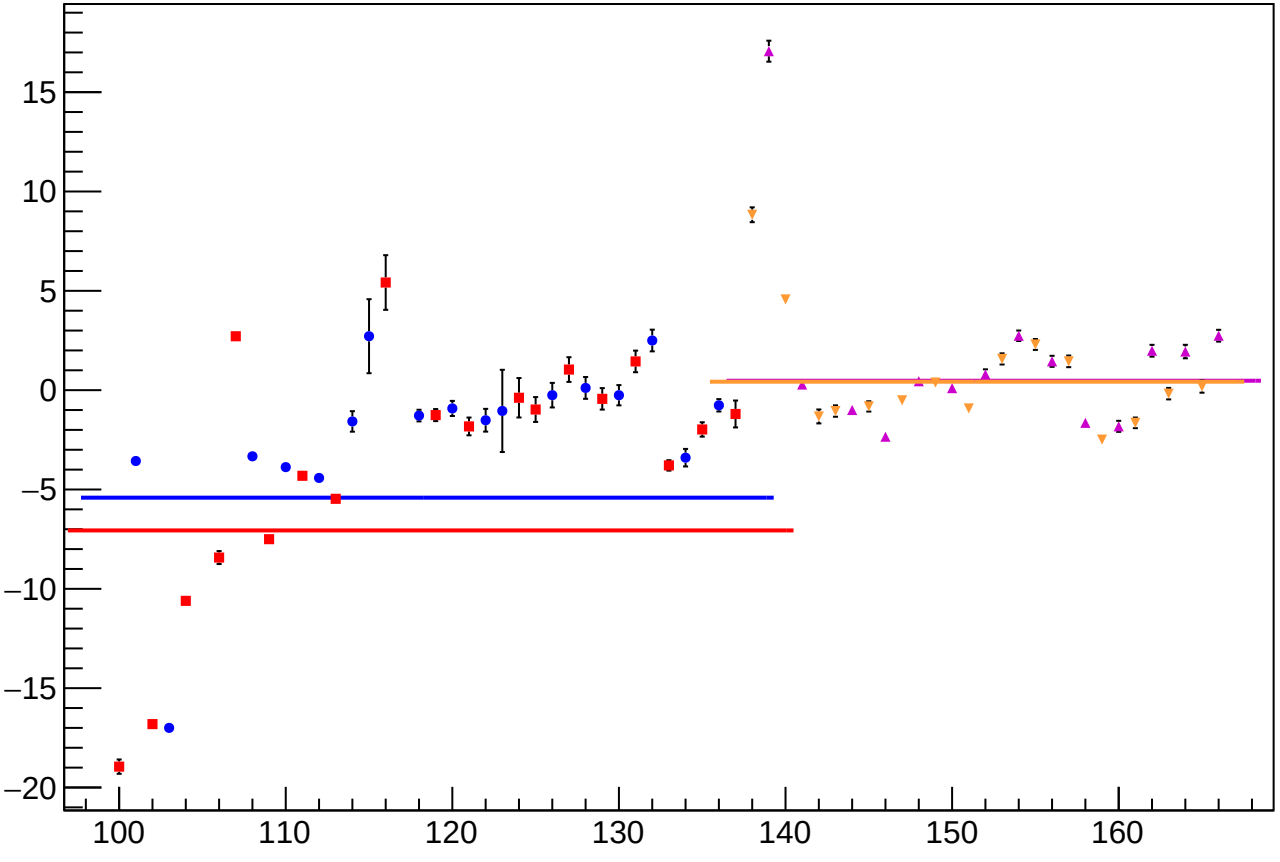
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.849+/-0.095 χ^2/NDF:1899.2/13

Out: -3.896+/-0.096 χ^2/NDF:1601.6/14

All: -3.872+/-0.067 χ^2/NDF: 3501.0/28

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: 0.426+/-0.068 χ^2/NDF:1220.6/14

Right Out: -7.060+/-0.059 χ^2/NDF: 12329.4/18

Left In: 0.475+/-0.070 χ^2/NDF:1532.0/13

Left: 0.450+/-0.048 χ^2/NDF: 2752.9/28

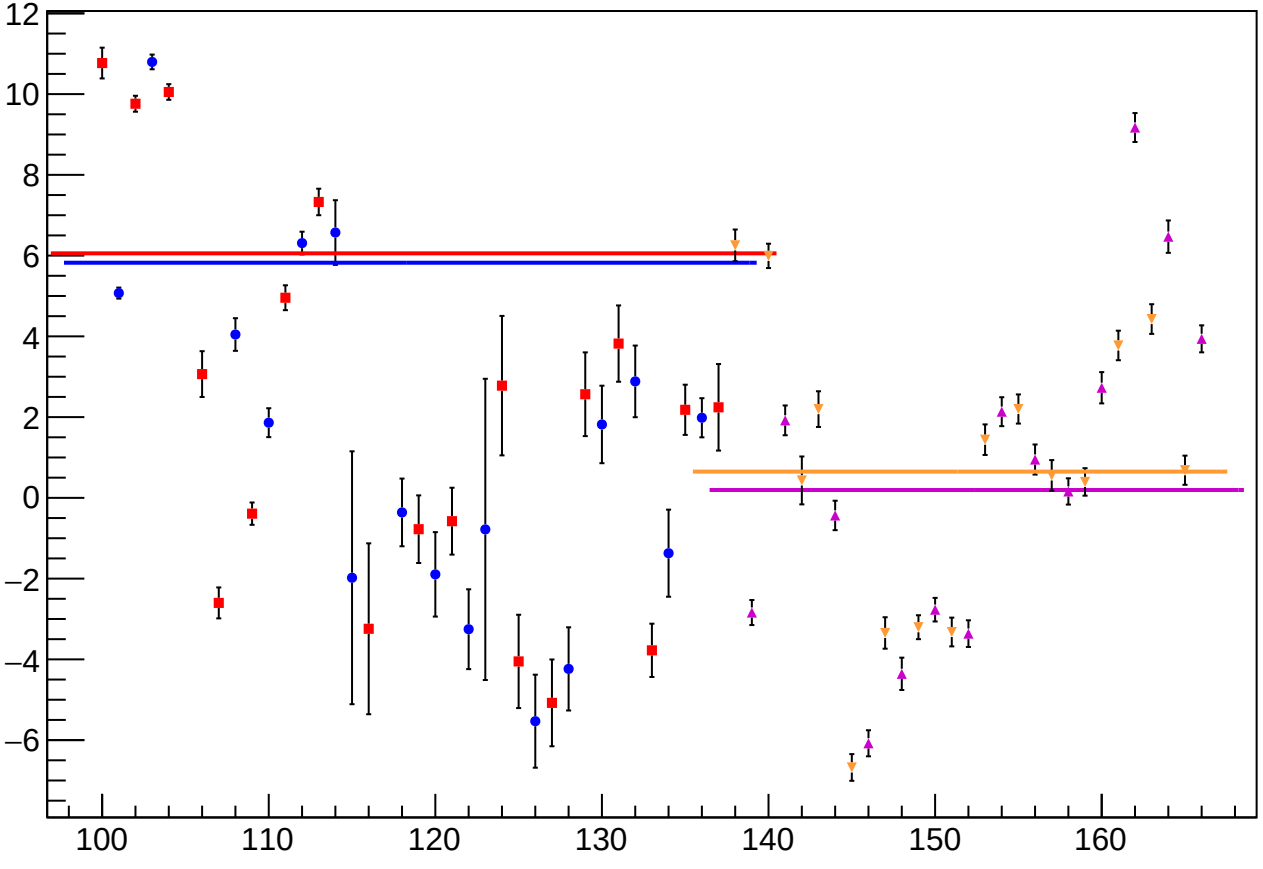
Right: -6.173+/-0.040 χ^2/NDF: 22010.3/35

In: -3.161+/-0.043 χ^2/NDF:15212.7/30

Out: -3.822+/-0.044 χ^2/NDF:20505.3/33

All: -3.481+/-0.031 χ^2/NDF: 35831.8/64

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824+/-0.090 χ^2/NDF: 1452.6/16

Left Out: 0.650+/-0.094 χ^2/NDF:1622.8/14

Right Out: 6.056+/-0.093 χ^2/NDF: 2668.9/18

Left In: 0.195+/-0.093 χ^2/NDF:1921.5/13

Left: 0.420+/-0.066 χ^2/NDF: 3556.2/28

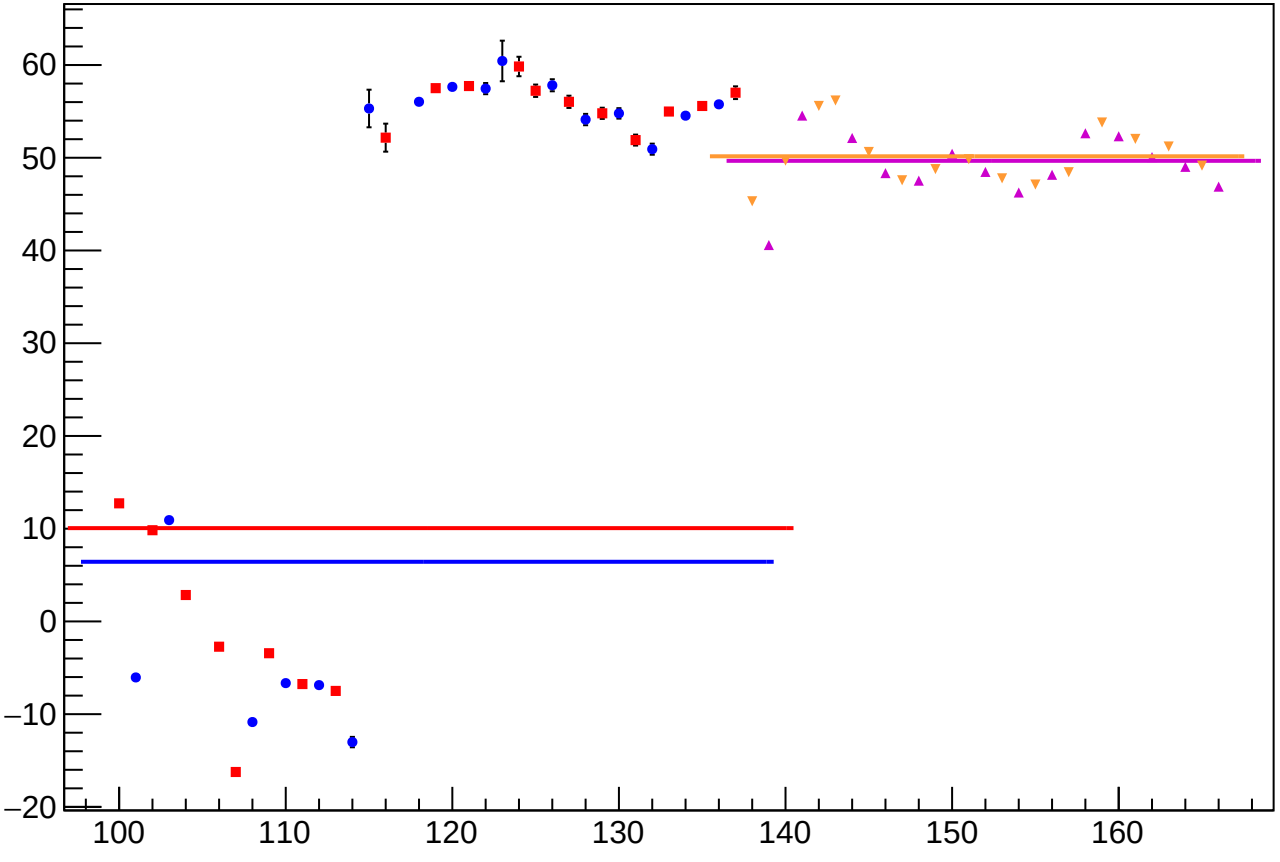
Right: 5.935+/-0.065 χ^2/NDF: 4124.7/35

In: 3.109+/-0.064 χ^2/NDF:5278.0/30

Out: 3.372+/-0.066 χ^2/NDF:5958.1/33

All: 3.237+/-0.046 χ^2/NDF: 11244.2/64

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: 50.157+/-0.079 χ^2/NDF:1155.3/14

Right Out: 10.060+/-0.070 χ^2/NDF: 121816.0/18

Left In: 49.669+/-0.080 χ^2/NDF:1202.5/13

Left: 49.917+/-0.056 χ^2/NDF: 2376.7/28

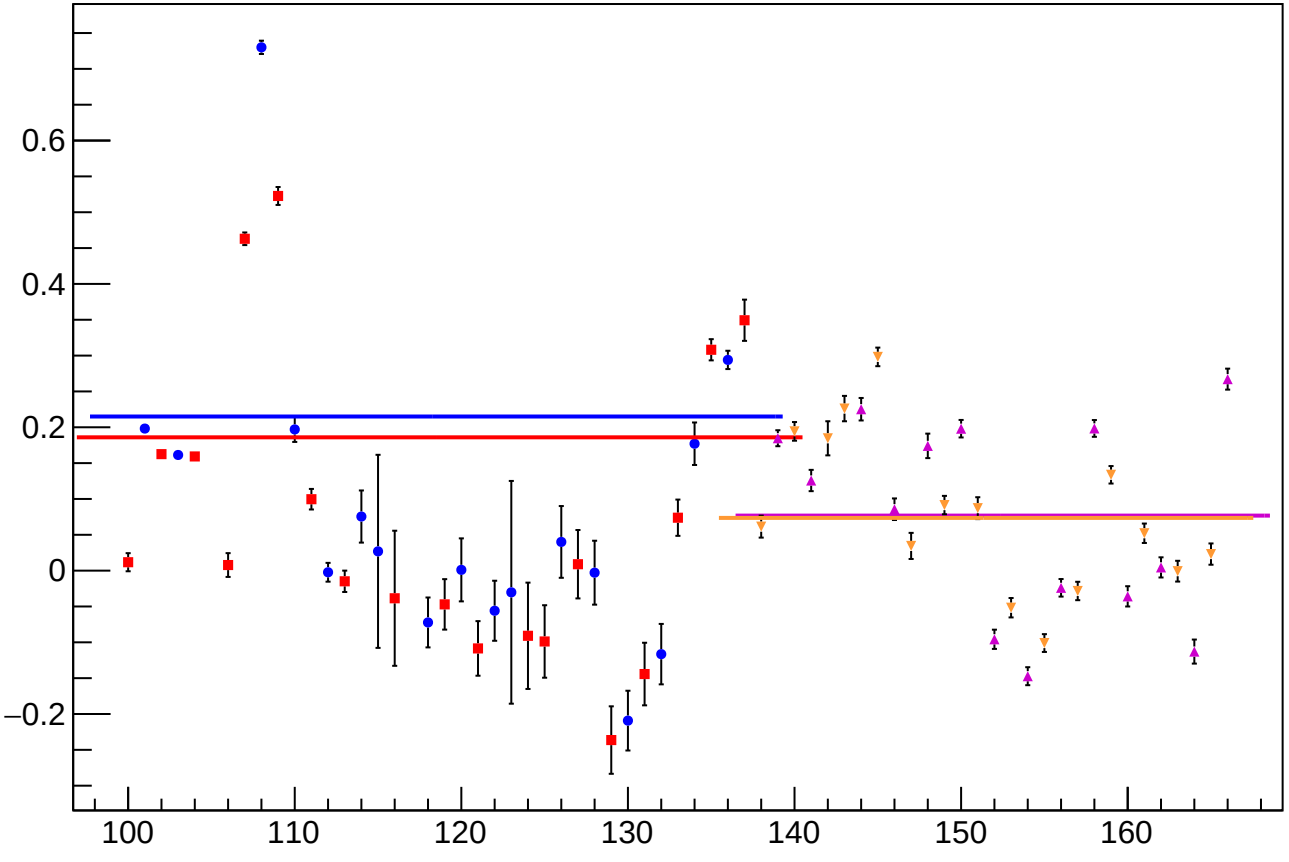
Right: 8.110+/-0.047 χ^2/NDF: 246756.9/35

In: 23.467+/-0.050 χ^2/NDF:300642.7/30

Out: 27.660+/-0.052 χ^2/NDF:268062.2/33

All: 25.487+/-0.036 χ^2/NDF: 572042.9/64

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: 0.074+/-0.004 χ^2/NDF:901.3/14

Right Out: 0.186+/-0.003 χ^2/NDF: 2720.3/18

Left In: 0.077+/-0.004 χ^2/NDF:1372.4/13

Left: 0.075+/-0.003 χ^2/NDF: 2274.1/28

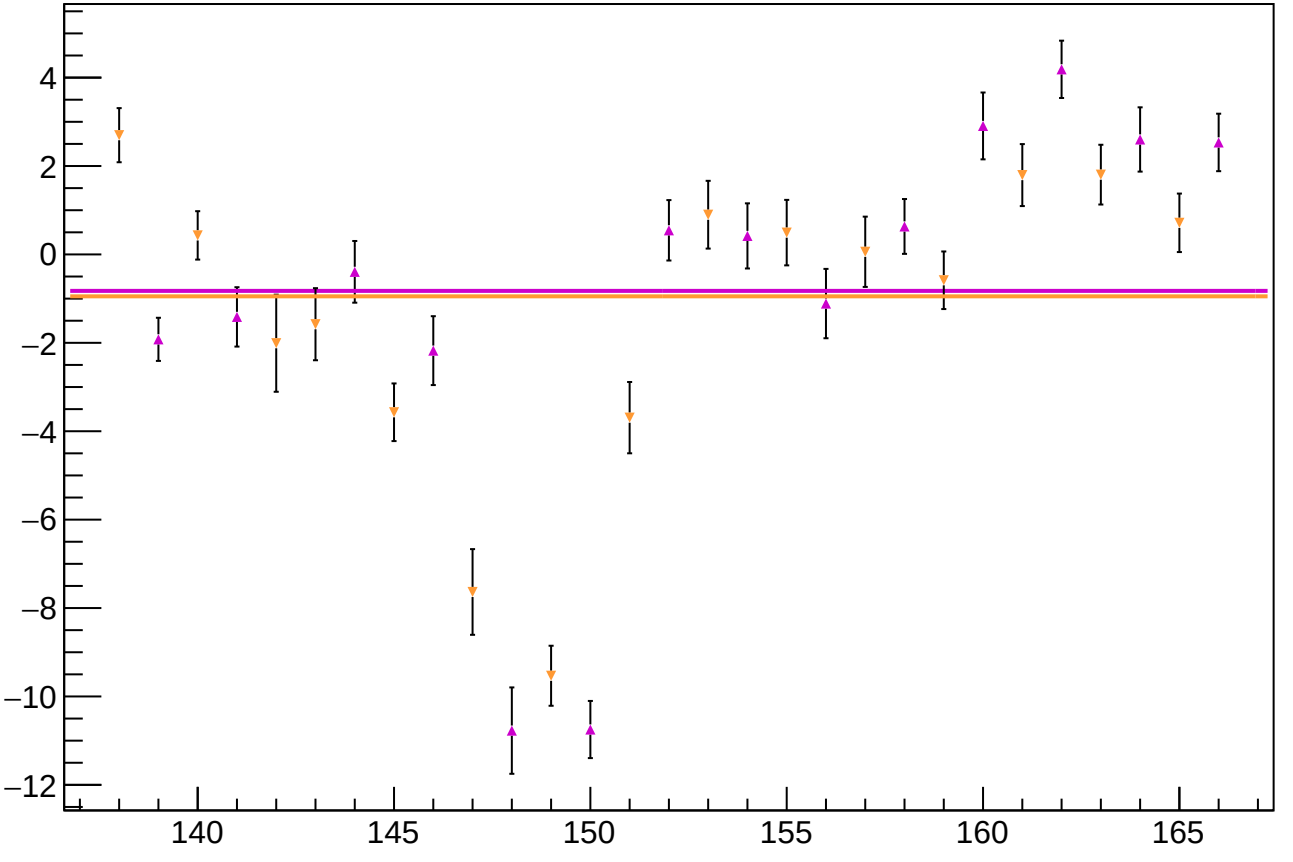
Right: 0.200+/-0.002 χ^2/NDF: 6707.1/35

In: 0.164+/-0.002 χ^2/NDF:6215.5/30

Out: 0.147+/-0.002 χ^2/NDF:4230.6/33

All: 0.156+/-0.002 χ^2/NDF: 10478.3/64

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: -0.948+/-0.184 χ^2/NDF:328.2/14

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

Left In: -0.825+/-0.182 χ^2/NDF:494.0/13

Left: -0.886+/-0.130 χ^2/NDF: 822.4/28

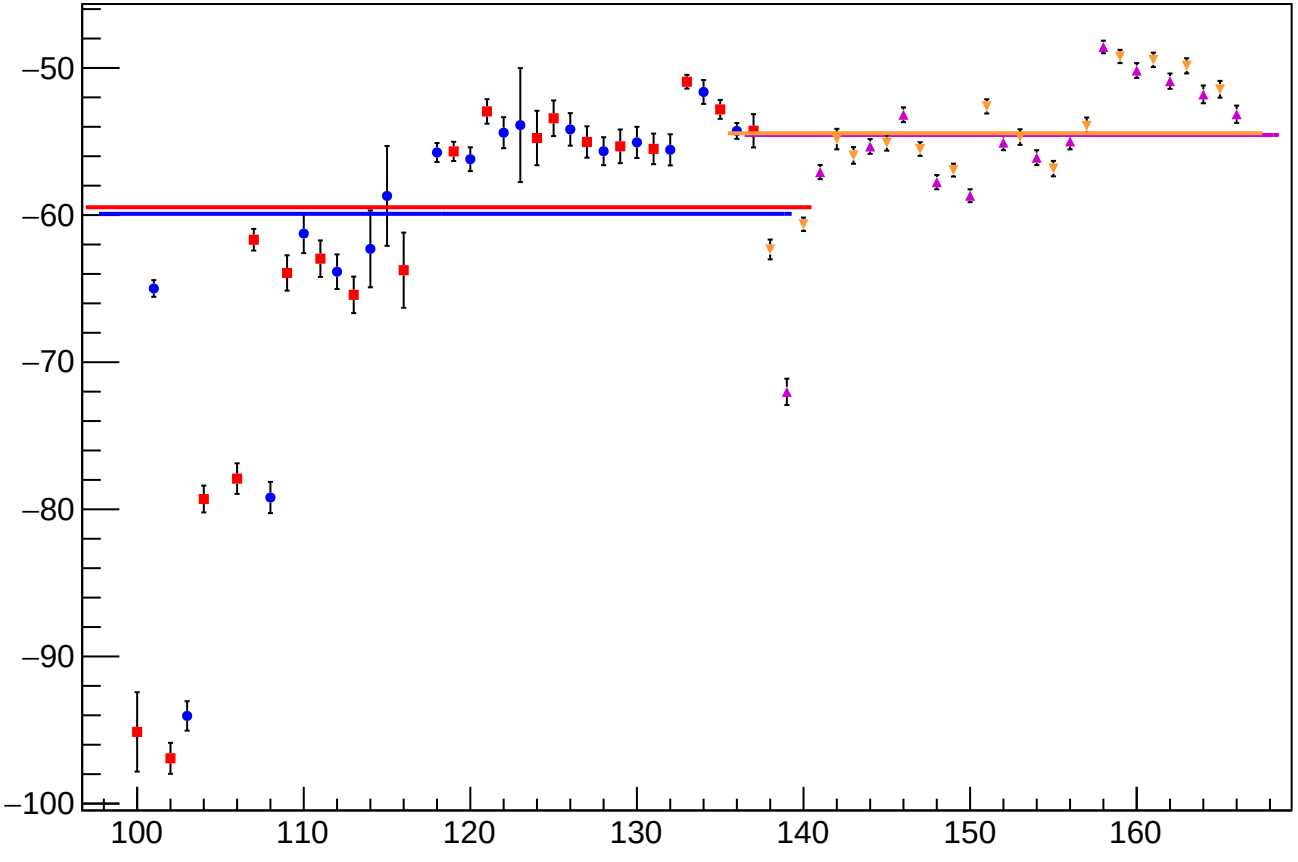
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.825+/-0.182 χ^2/NDF:494.0/13

Out: -0.948+/-0.184 χ^2/NDF:328.2/14

All: -0.886+/-0.130 χ^2/NDF: 822.4/28

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: -54.438+/-0.134 χ^2/NDF:747.4/14

Right Out: -59.468+/-0.212 χ^2/NDF: 2912.7/18

Left In: -54.553+/-0.138 χ^2/NDF:905.7/13

Left: -54.494+/-0.096 χ^2/NDF: 1653.4/28

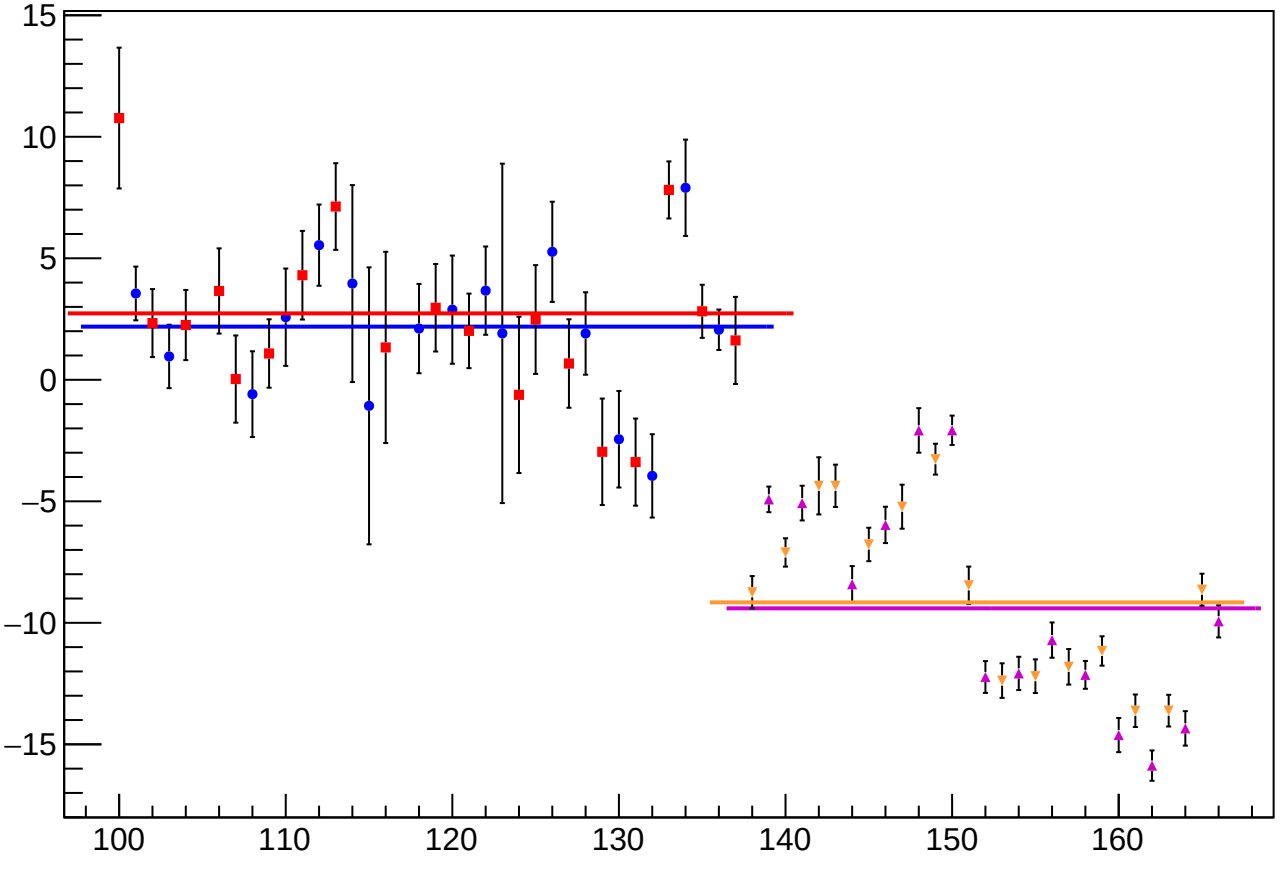
Right: -59.680+/-0.154 χ^2/NDF: 4894.3/35

In: -56.036+/-0.117 χ^2/NDF:3303.3/30

Out: -55.872+/-0.113 χ^2/NDF:4062.2/33

All: -55.951+/-0.081 χ^2/NDF: 7366.5/64

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: -9.159+/-0.182 χ^2/NDF:333.3/14

Right Out: 2.733+/-0.388 χ^2/NDF: 58.9/18

Left In: -9.404+/-0.179 χ^2/NDF:614.4/13

Left: -9.283+/-0.127 χ^2/NDF: 948.6/28

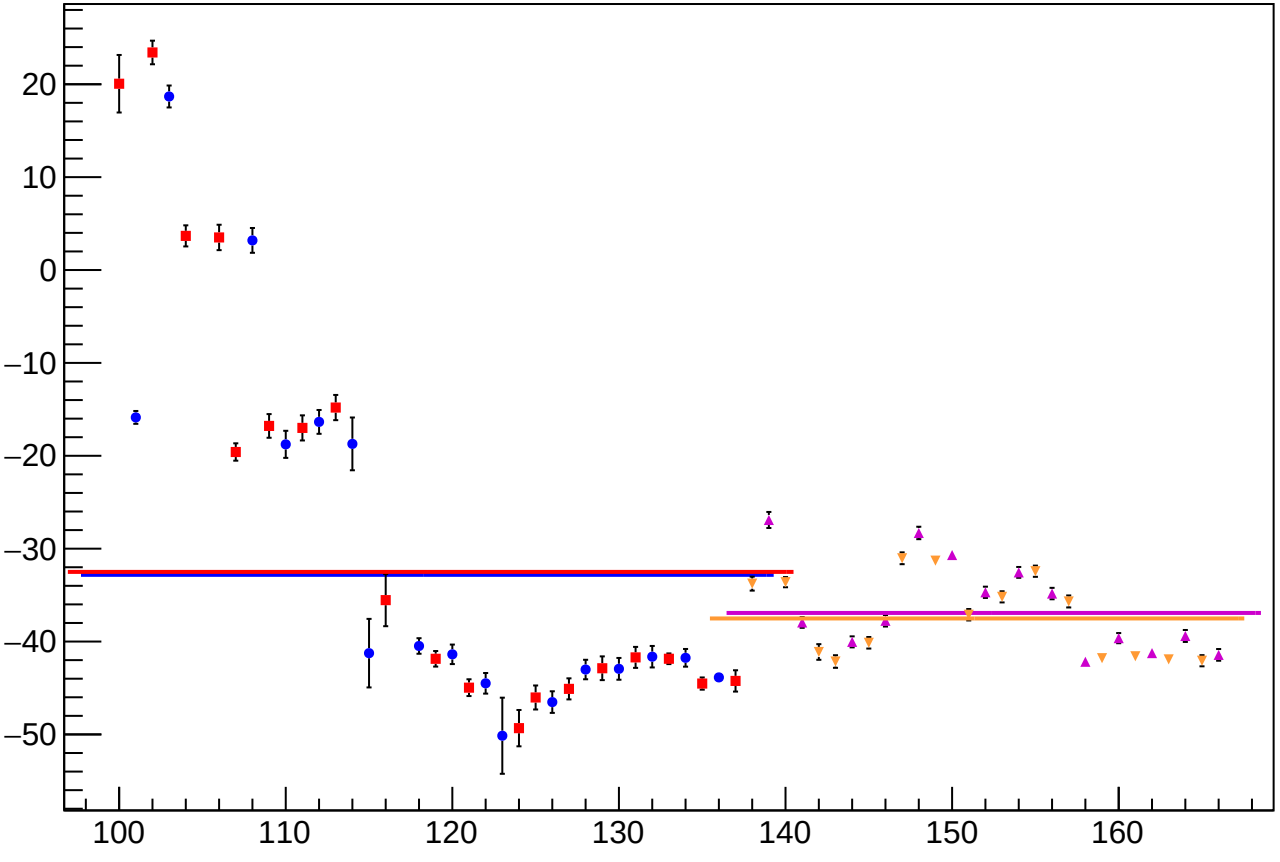
Right: 2.472+/-0.280 χ^2/NDF: 98.9/35

In: -7.510+/-0.163 χ^2/NDF:1341.9/30

Out: -7.018+/-0.164 χ^2/NDF:1163.9/33

All: -7.266+/-0.116 χ^2/NDF: 2510.3/64

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817+/-0.254 χ^2/NDF: 4666.6/16

Left Out: -37.514+/-0.154 χ^2/NDF:759.9/14

Right Out: -32.501+/-0.244 χ^2/NDF: 6037.9/18

Left In: -36.920+/-0.157 χ^2/NDF:853.1/13

Left: -37.222+/-0.110 χ^2/NDF: 1620.3/28

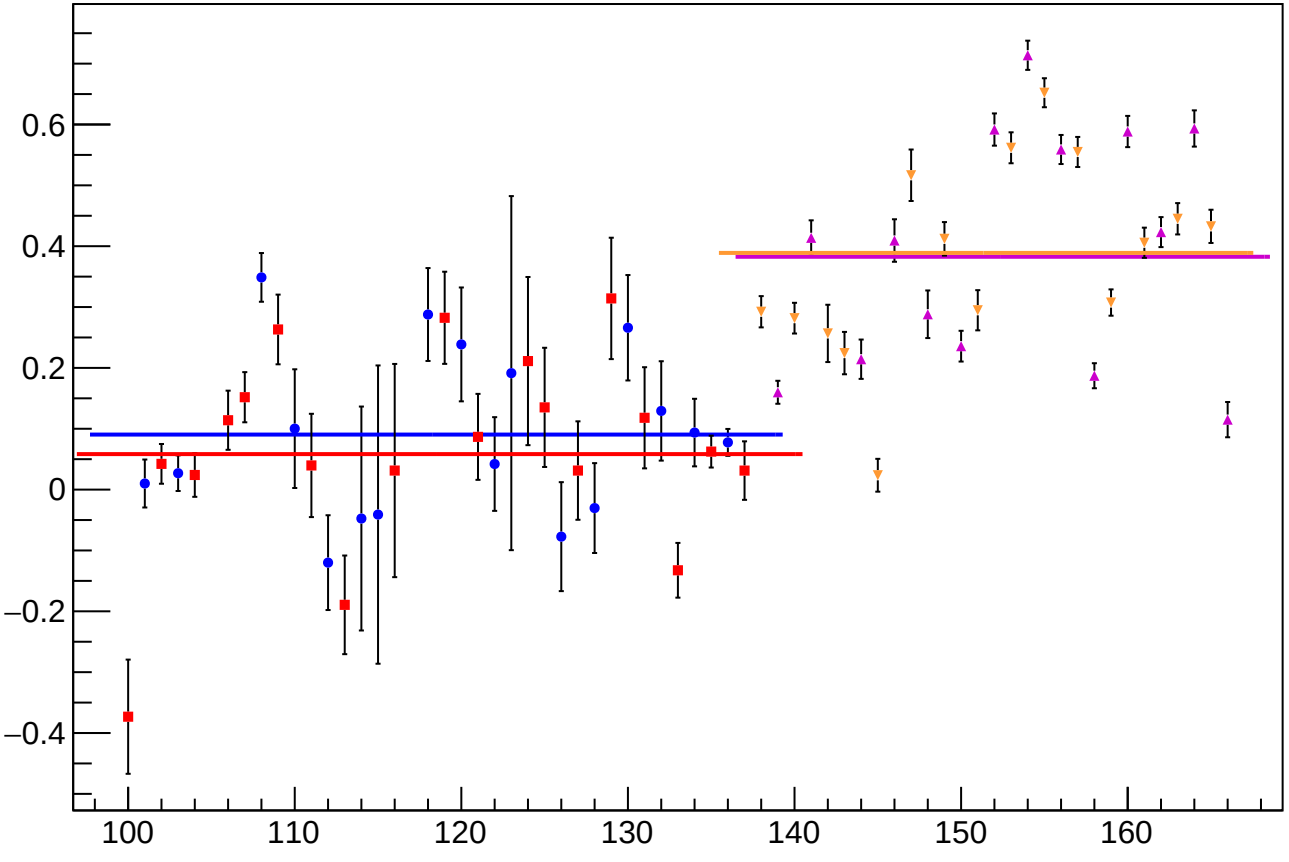
Right: -32.652+/-0.176 χ^2/NDF: 10705.2/35

In: -35.789+/-0.133 χ^2/NDF:5708.7/30

Out: -36.085+/-0.130 χ^2/NDF:7099.7/33

All: -35.940+/-0.093 χ^2/NDF: 12810.9/64

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090+/-0.013 χ^2/NDF: 79.2/16

Left Out: 0.389+/-0.007 χ^2/NDF:499.0/14

Right Out: 0.058+/-0.012 χ^2/NDF: 87.3/18

Left In: 0.383+/-0.007 χ^2/NDF:807.6/13

Left: 0.386+/-0.005 χ^2/NDF: 1307.1/28

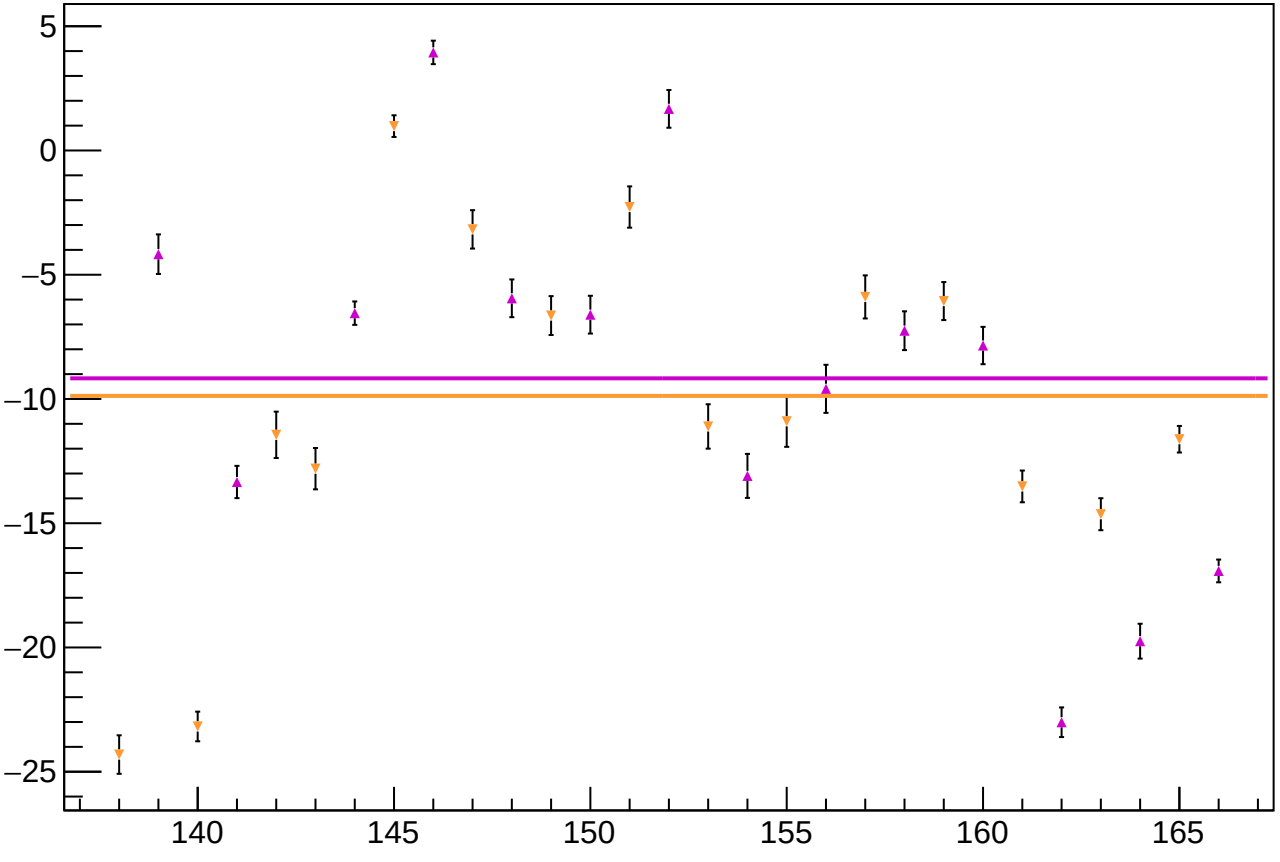
Right: 0.074+/-0.009 χ^2/NDF: 169.9/35

In: 0.316+/-0.006 χ^2/NDF:1293.6/30

Out: 0.306+/-0.006 χ^2/NDF:1140.5/33

All: 0.311+/-0.004 χ^2/NDF: 2435.5/64

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: -9.876+/-0.180 χ^2/NDF:1802.3/14

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

Left In: -9.170+/-0.173 χ^2/NDF:2196.3/13

Left: -9.507+/-0.125 χ^2/NDF: 4006.6/28

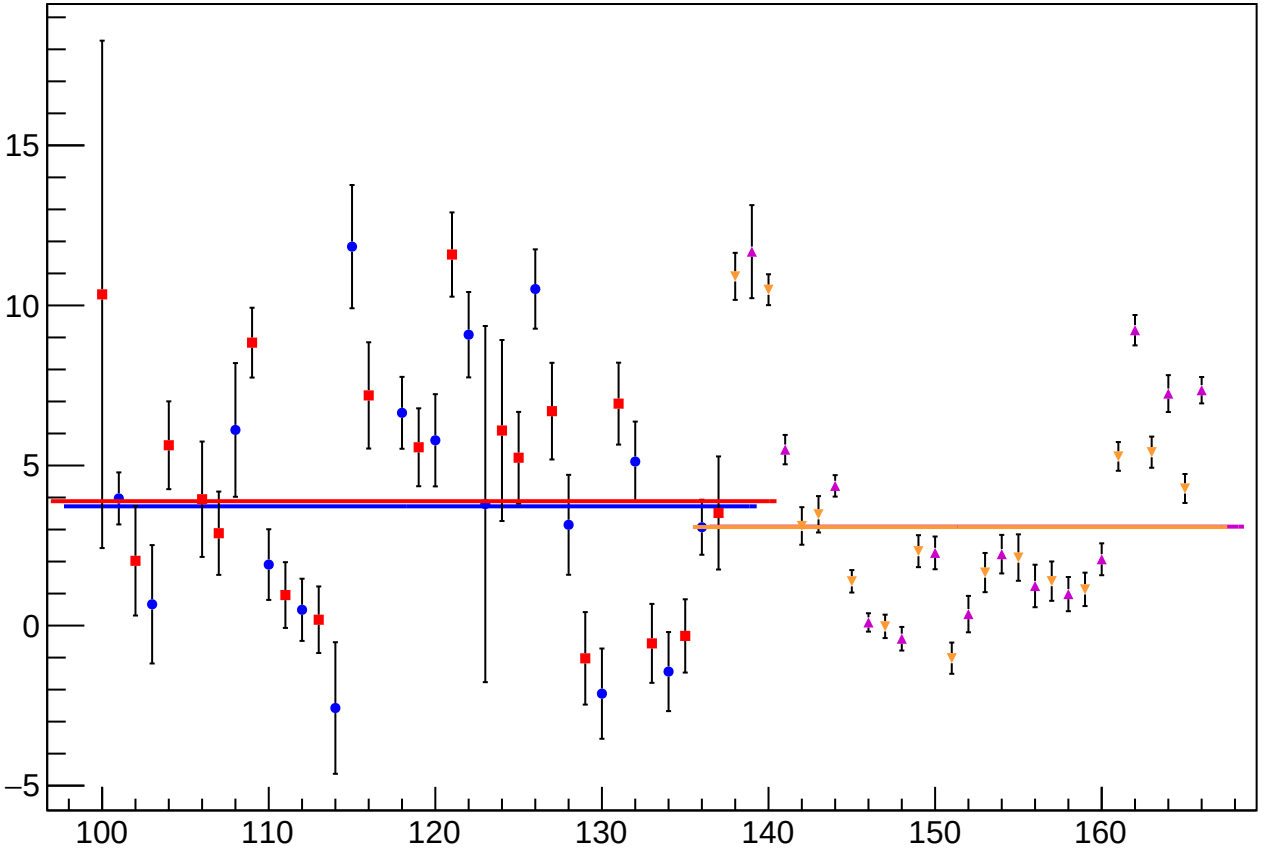
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.170+/-0.173 χ^2/NDF:2196.3/13

Out: -9.876+/-0.180 χ^2/NDF:1802.3/14

All: -9.507+/-0.125 χ^2/NDF: 4006.6/28

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: 3.078+/-0.128 χ^2/NDF:601.3/14

Right Out: 3.885+/-0.316 χ^2/NDF: 134.4/18

Left In: 3.090+/-0.123 χ^2/NDF:656.9/13

Left: 3.084+/-0.089 χ^2/NDF: 1258.2/28

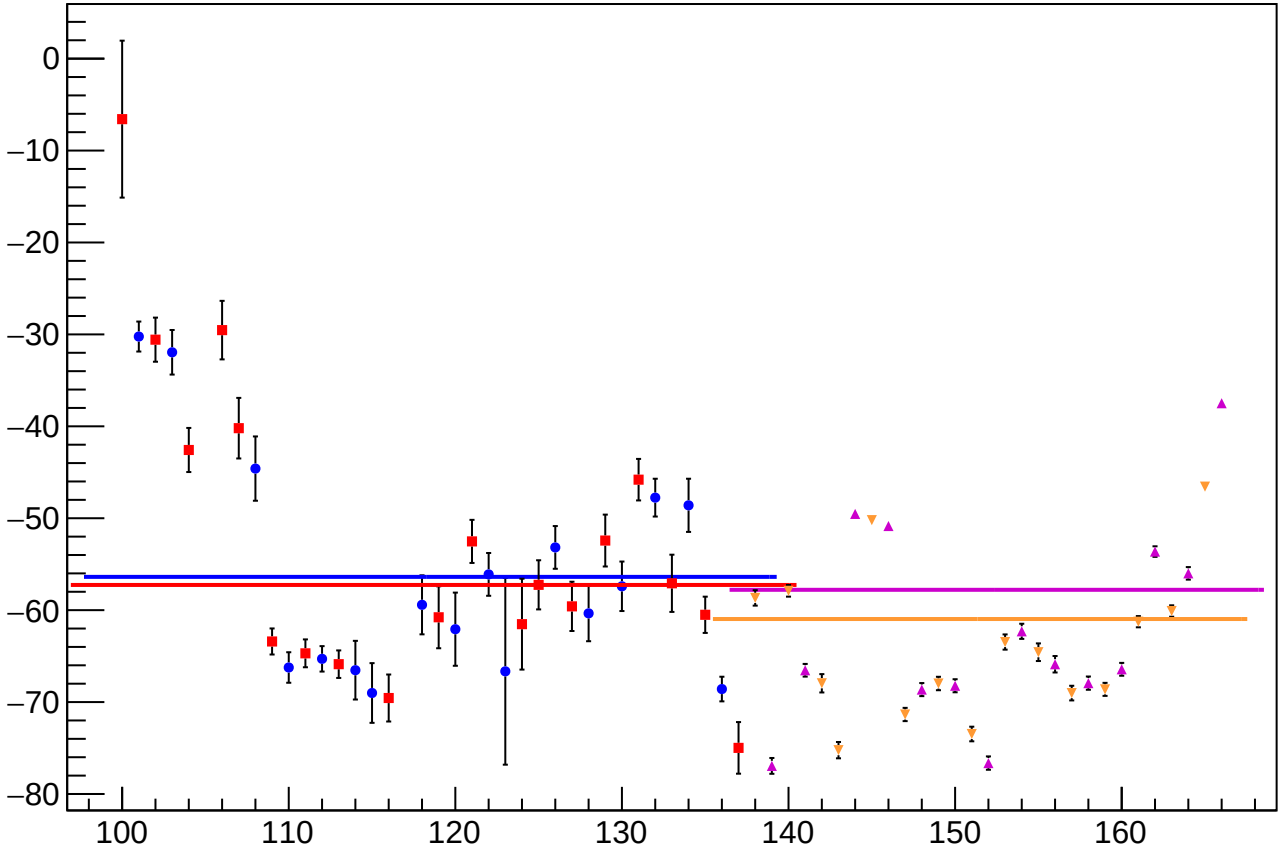
Right: 3.803+/-0.221 χ^2/NDF: 271.3/35

In: 3.177+/-0.114 χ^2/NDF:797.3/30

Out: 3.192+/-0.119 χ^2/NDF:741.2/33

All: 3.184+/-0.082 χ^2/NDF: 1538.5/64

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: -60.965+/-0.179 χ^2/NDF:2401.3/14

Right Out: -57.258+/-0.536 χ^2/NDF: 476.1/18

Left In: -57.786+/-0.170 χ^2/NDF:4698.3/13

Left: -59.292+/-0.123 χ^2/NDF: 7265.0/28

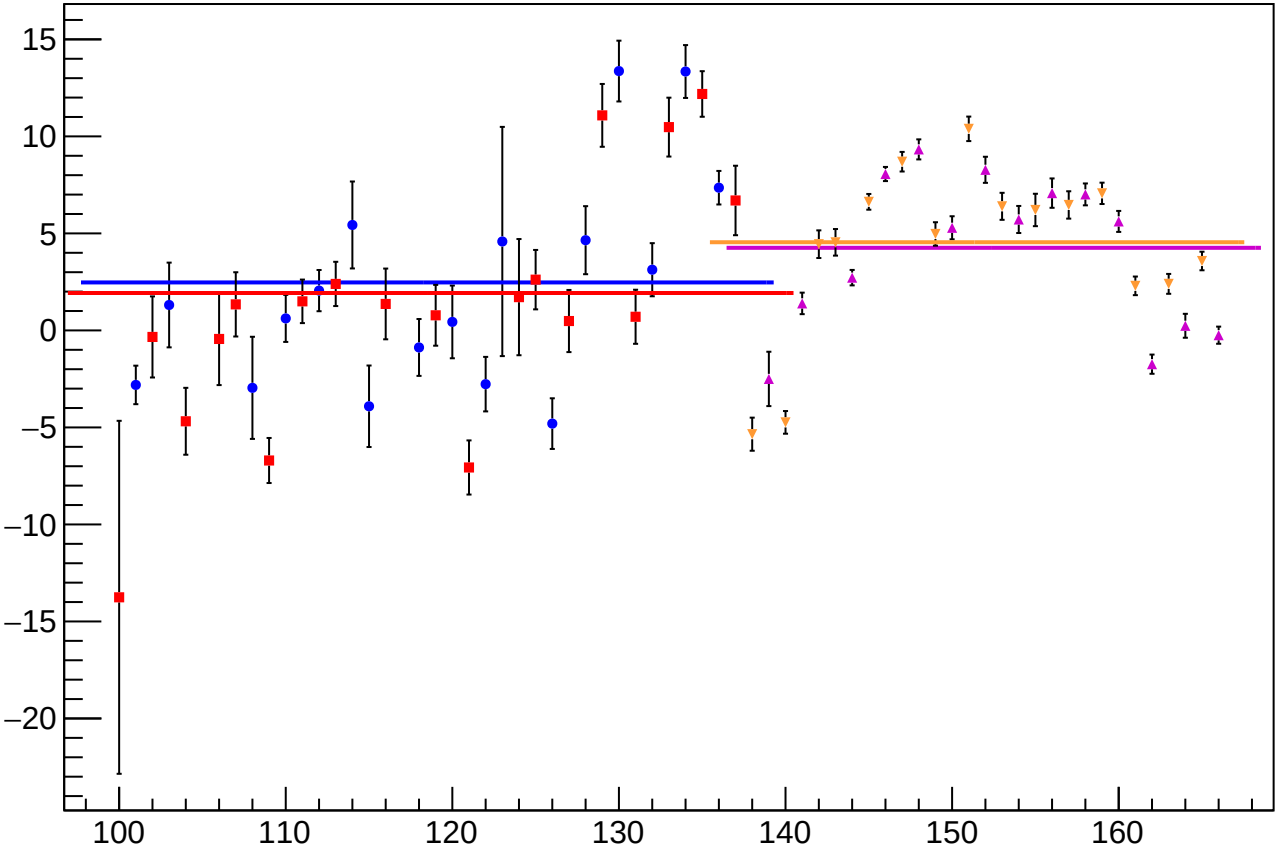
Right: -56.823+/-0.381 χ^2/NDF: 1064.8/35

In: -57.660+/-0.162 χ^2/NDF:5291.8/30

Out: -60.591+/-0.170 χ^2/NDF:2920.4/33

All: -59.058+/-0.117 χ^2/NDF: 8367.8/64

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: 4.544+/-0.149 χ^2/NDF:650.3/14

Right Out: 1.928+/-0.355 χ^2/NDF: 266.6/18

Left In: 4.257+/-0.143 χ^2/NDF:650.9/13

Left: 4.395+/-0.103 χ^2/NDF: 1303.1/28

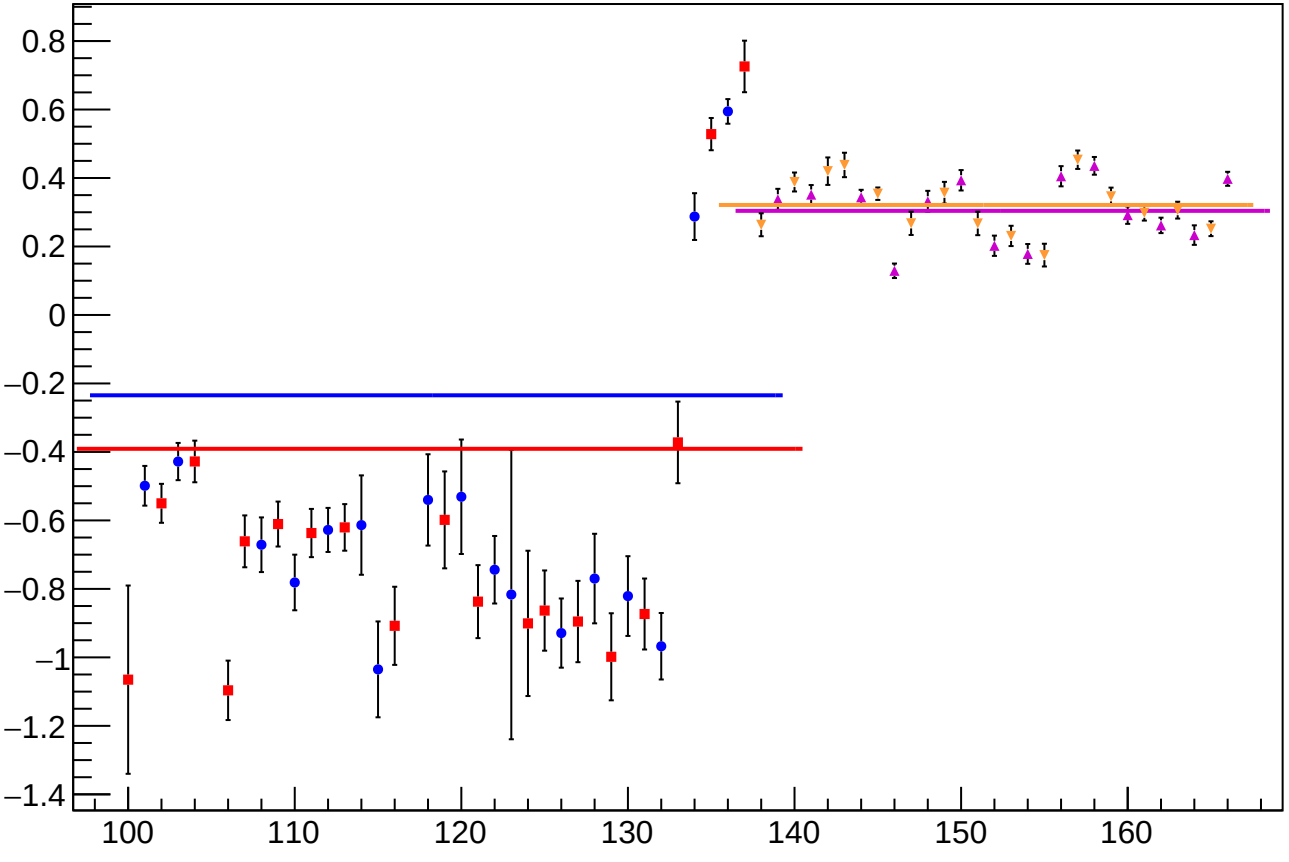
Right: 2.208+/-0.248 χ^2/NDF: 511.4/35

In: 3.995+/-0.132 χ^2/NDF:917.2/30

Out: 4.152+/-0.137 χ^2/NDF:963.2/33

All: 4.070+/-0.095 χ^2/NDF: 1881.1/64

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: 0.321+/-0.007 χ^2/NDF:100.6/14

Right Out: -0.391+/-0.019 χ^2/NDF: 853.3/18

Left In: 0.304+/-0.007 χ^2/NDF:184.8/13

Left: 0.312+/-0.005 χ^2/NDF: 288.5/28

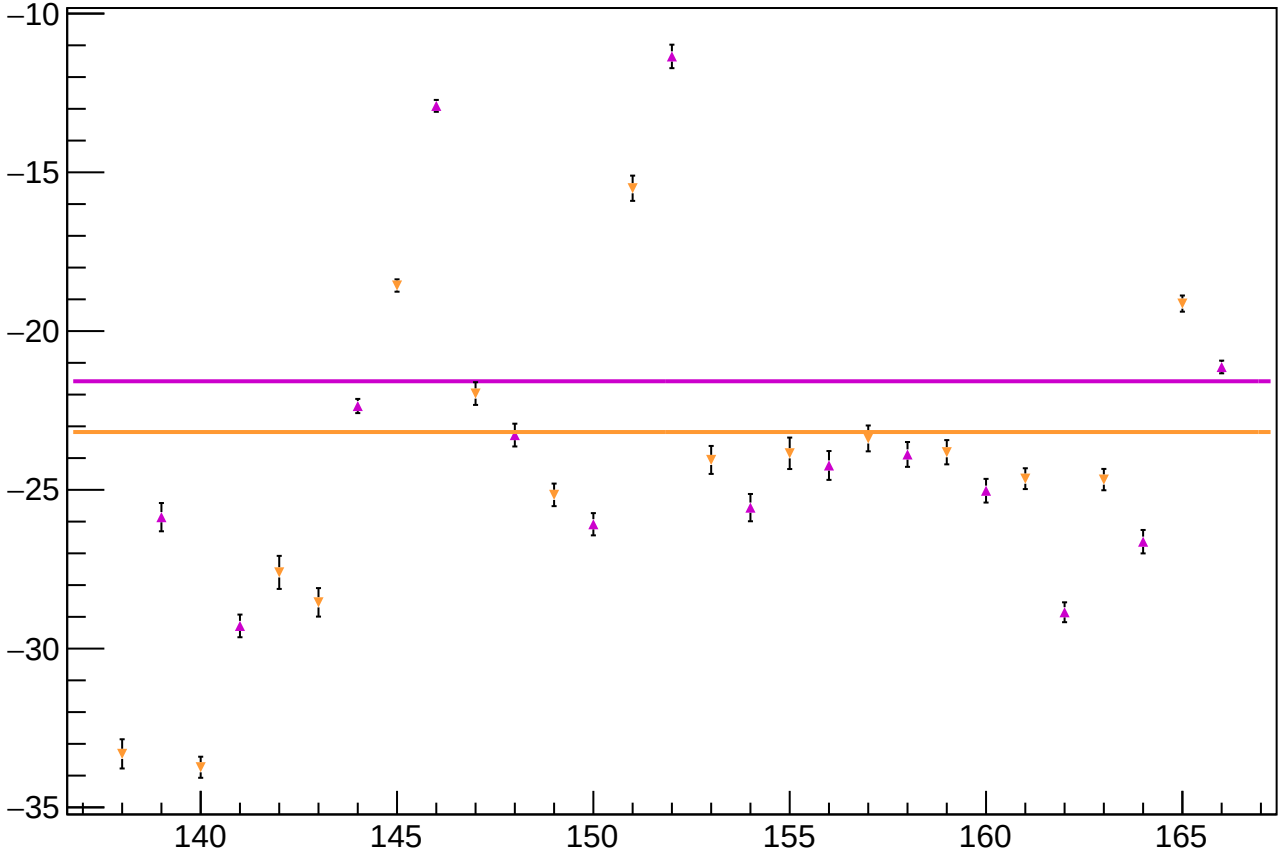
Right: -0.312+/-0.013 χ^2/NDF: 1845.8/35

In: 0.241+/-0.006 χ^2/NDF:1862.0/30

Out: 0.234+/-0.007 χ^2/NDF:2192.7/33

All: 0.237+/-0.005 χ^2/NDF: 4055.1/64

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: -23.179+/-0.089 χ^2/NDF:2989.0/14

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

Left In: -21.581+/-0.081 χ^2/NDF:4637.3/13

Left: -22.309+/-0.060 χ^2/NDF: 7802.4/28

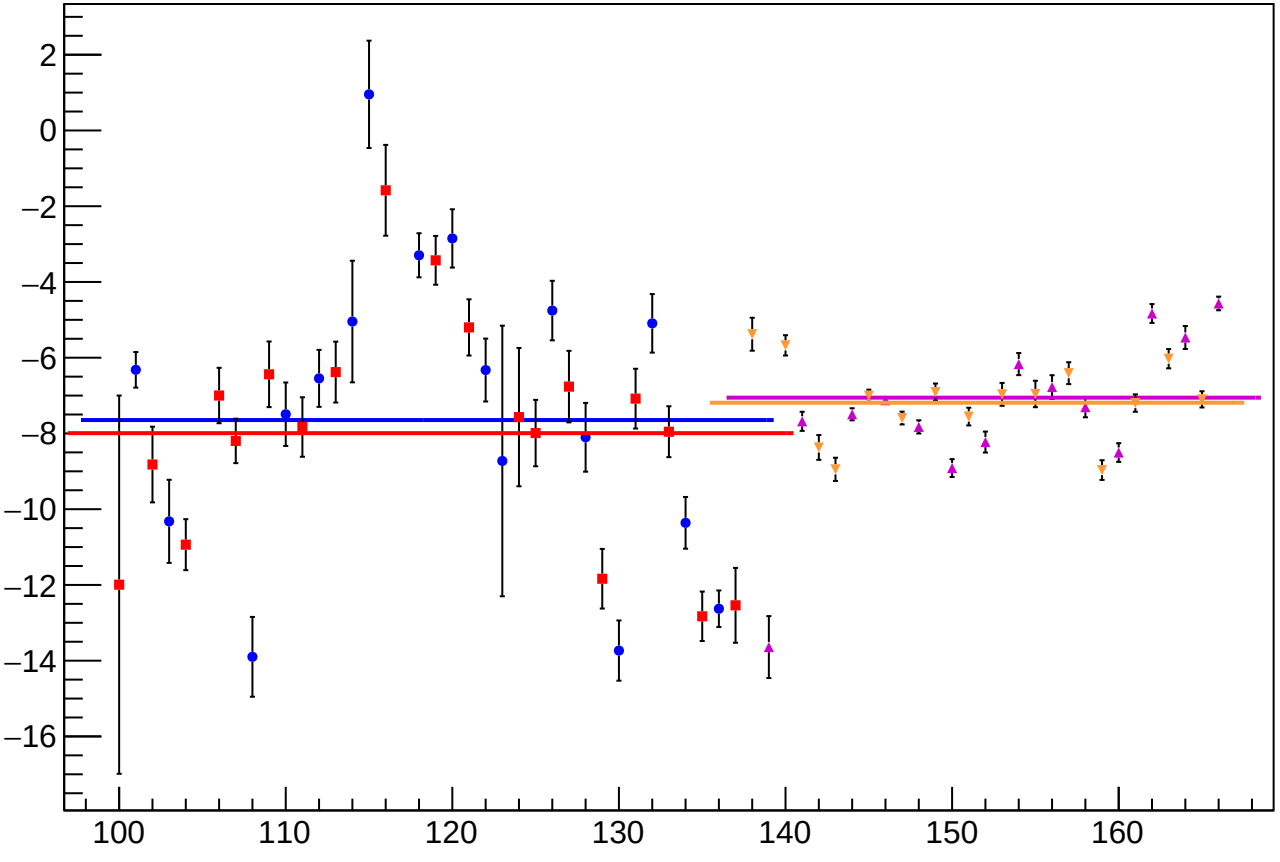
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -21.581+/-0.081 χ^2/NDF:4637.3/13

Out: -23.179+/-0.089 χ^2/NDF:2989.0/14

All: -22.309+/-0.060 χ^2/NDF: 7802.4/28

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.646+/-0.186 χ^2/NDF: 393.6/16

Left Out: -7.189+/-0.063 χ^2/NDF:182.2/14

Right Out: -7.992+/-0.186 χ^2/NDF: 225.5/18

Left In: -7.055+/-0.057 χ^2/NDF:522.5/13

Left: -7.116+/-0.042 χ^2/NDF: 707.2/28

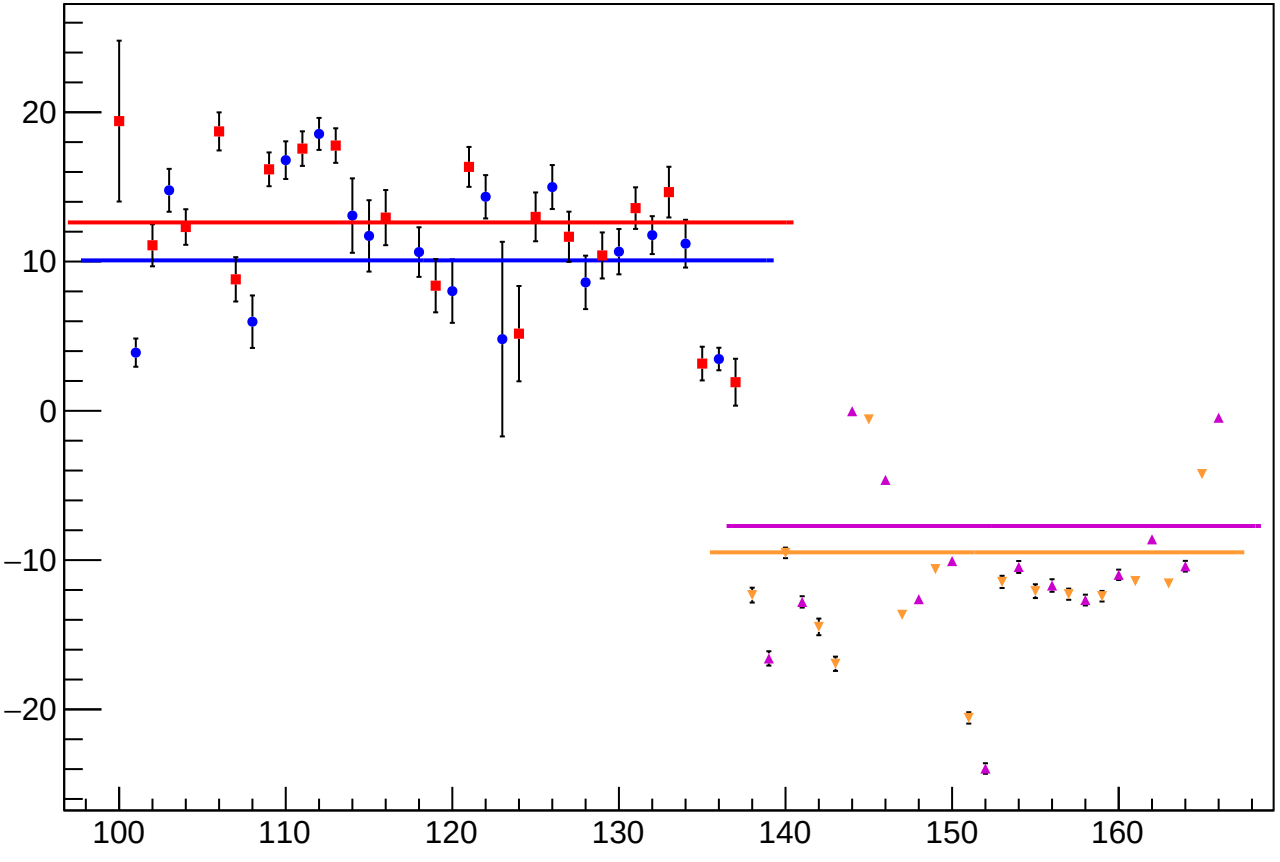
Right: -7.819+/-0.131 χ^2/NDF: 620.8/35

In: -7.106+/-0.055 χ^2/NDF:925.4/30

Out: -7.271+/-0.060 χ^2/NDF:424.4/33

All: -7.182+/-0.040 χ^2/NDF: 1353.9/64

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077+/-0.337 χ^2/NDF: 252.8/16

Left Out: -9.479+/-0.088 χ^2/NDF:3929.2/14

Right Out: 12.620+/-0.332 χ^2/NDF: 220.0/18

Left In: -7.716+/-0.080 χ^2/NDF:5964.1/13

Left: -8.513+/-0.059 χ^2/NDF: 10113.3/28

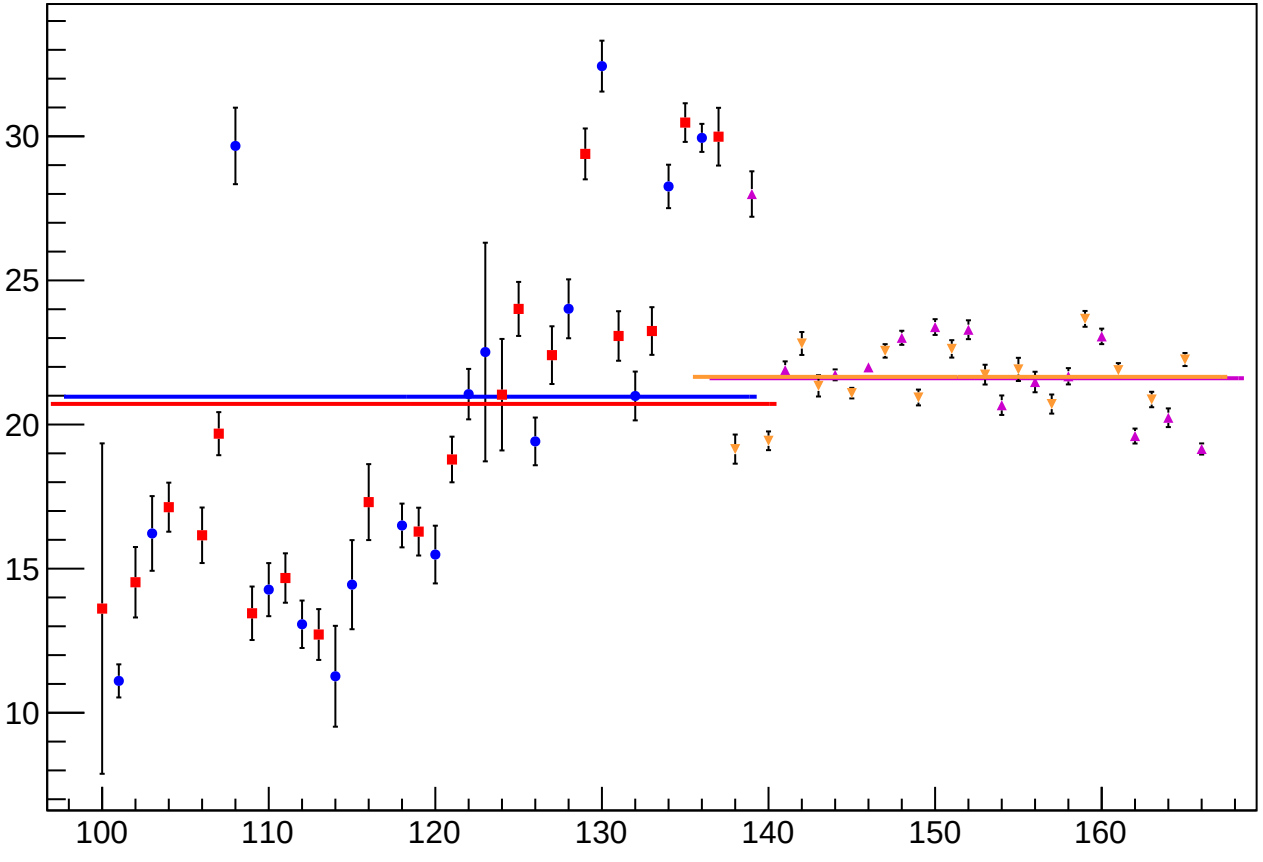
Right: 11.365+/-0.237 χ^2/NDF: 501.6/35

In: -6.766+/-0.078 χ^2/NDF:8859.3/30

Out: -8.032+/-0.085 χ^2/NDF:8278.9/33

All: -7.343+/-0.057 χ^2/NDF: 17258.8/64

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965+/-0.209 χ^2/NDF: 1225.5/16

Left Out: 21.654+/-0.073 χ^2/NDF:200.7/14

Right Out: 20.716+/-0.213 χ^2/NDF: 729.9/18

Left In: 21.606+/-0.067 χ^2/NDF:451.7/13

Left: 21.628+/-0.050 χ^2/NDF: 652.6/28

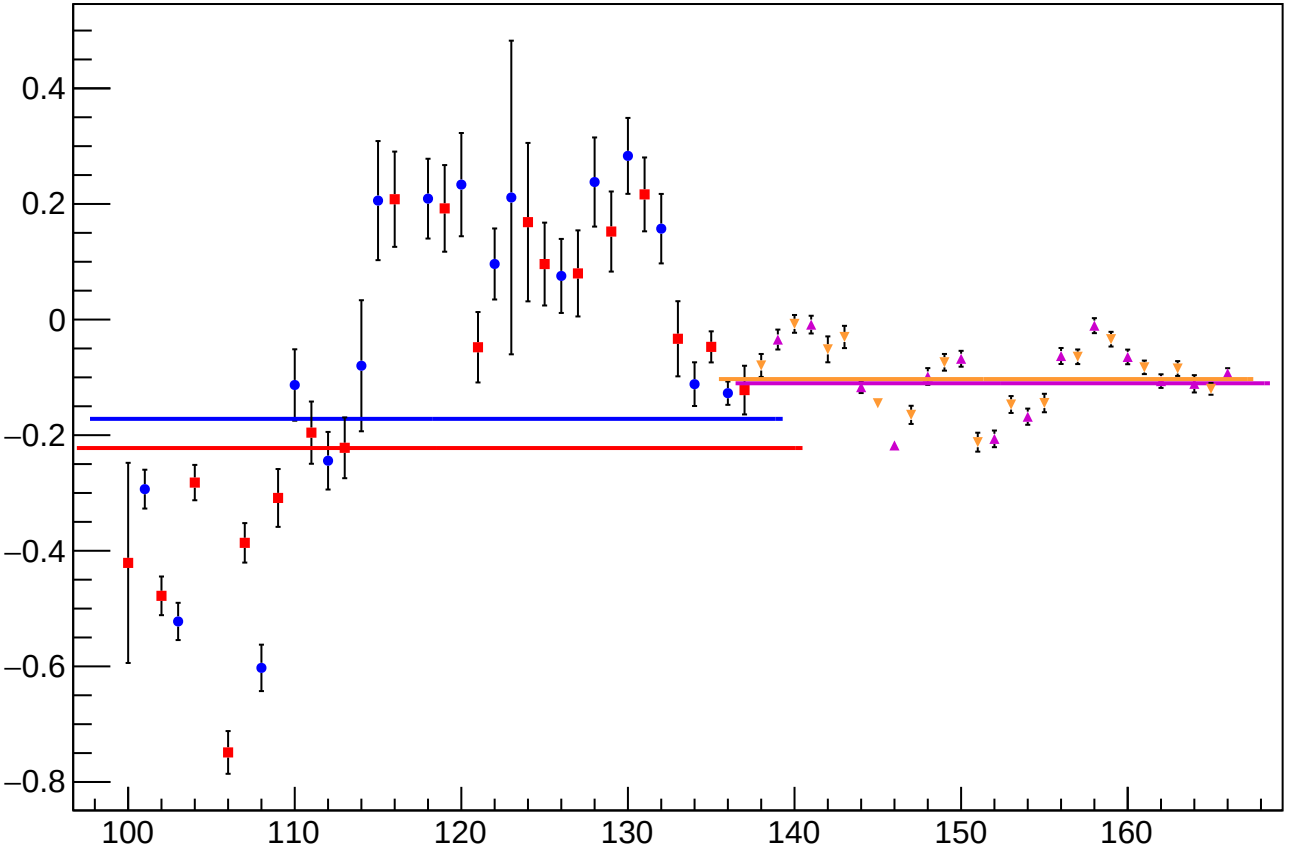
Right: 20.842+/-0.149 χ^2/NDF: 1956.1/35

In: 21.546+/-0.064 χ^2/NDF:1685.7/30

Out: 21.554+/-0.069 χ^2/NDF:948.0/33

All: 21.550+/-0.047 χ^2/NDF: 2633.6/64

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: -0.103+/-0.003 χ^2/NDF:212.4/14

Right Out: -0.222+/-0.011 χ^2/NDF: 536.1/18

Left In: -0.110+/-0.003 χ^2/NDF:384.6/13

Left: -0.107+/-0.002 χ^2/NDF: 599.3/28

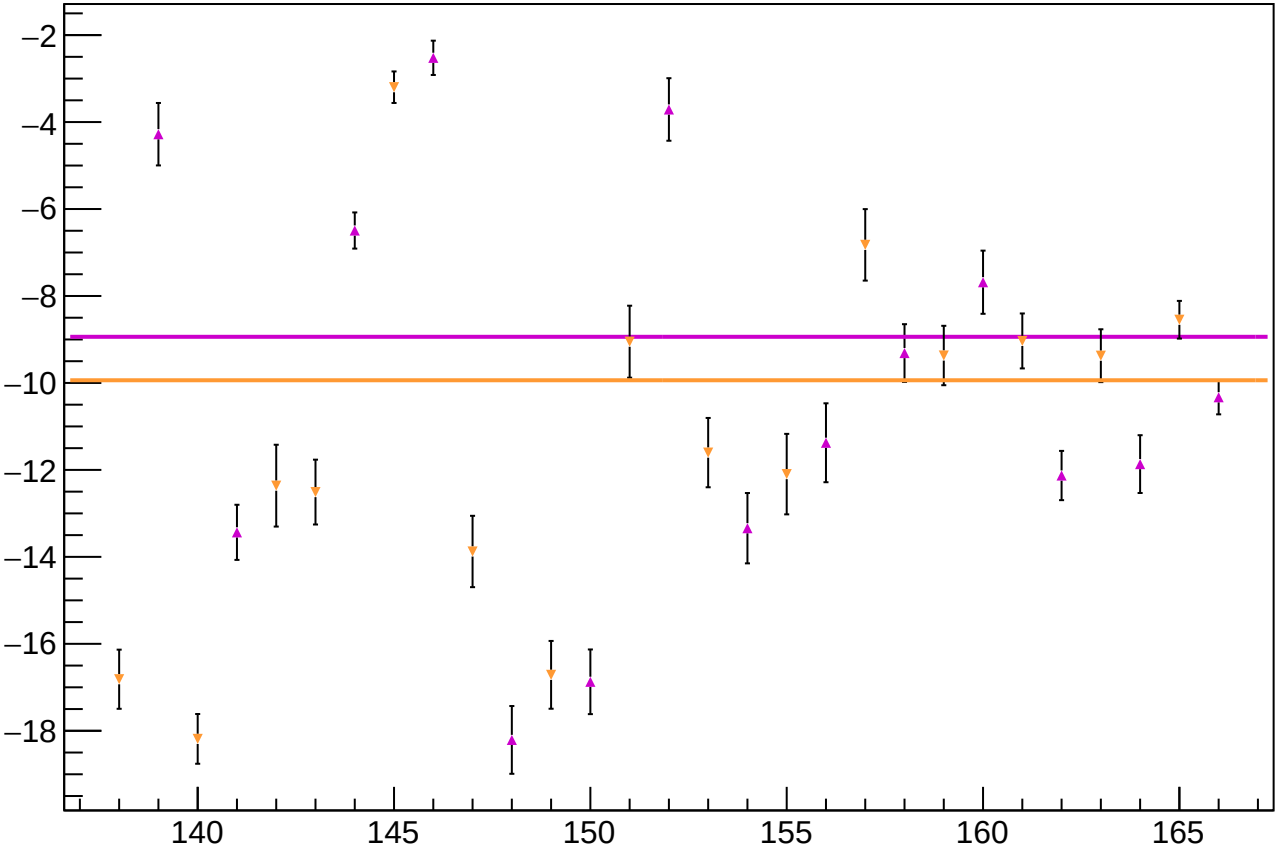
Right: -0.198+/-0.008 χ^2/NDF: 1010.7/35

In: -0.115+/-0.003 χ^2/NDF:876.6/30

Out: -0.114+/-0.003 χ^2/NDF:856.6/33

All: -0.114+/-0.002 χ^2/NDF: 1733.3/64

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: -9.938+/-0.164 χ^2/NDF:811.7/14

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

Left In: -8.939+/-0.157 χ^2/NDF:803.5/13

Left: -9.416+/-0.113 χ^2/NDF: 1634.6/28

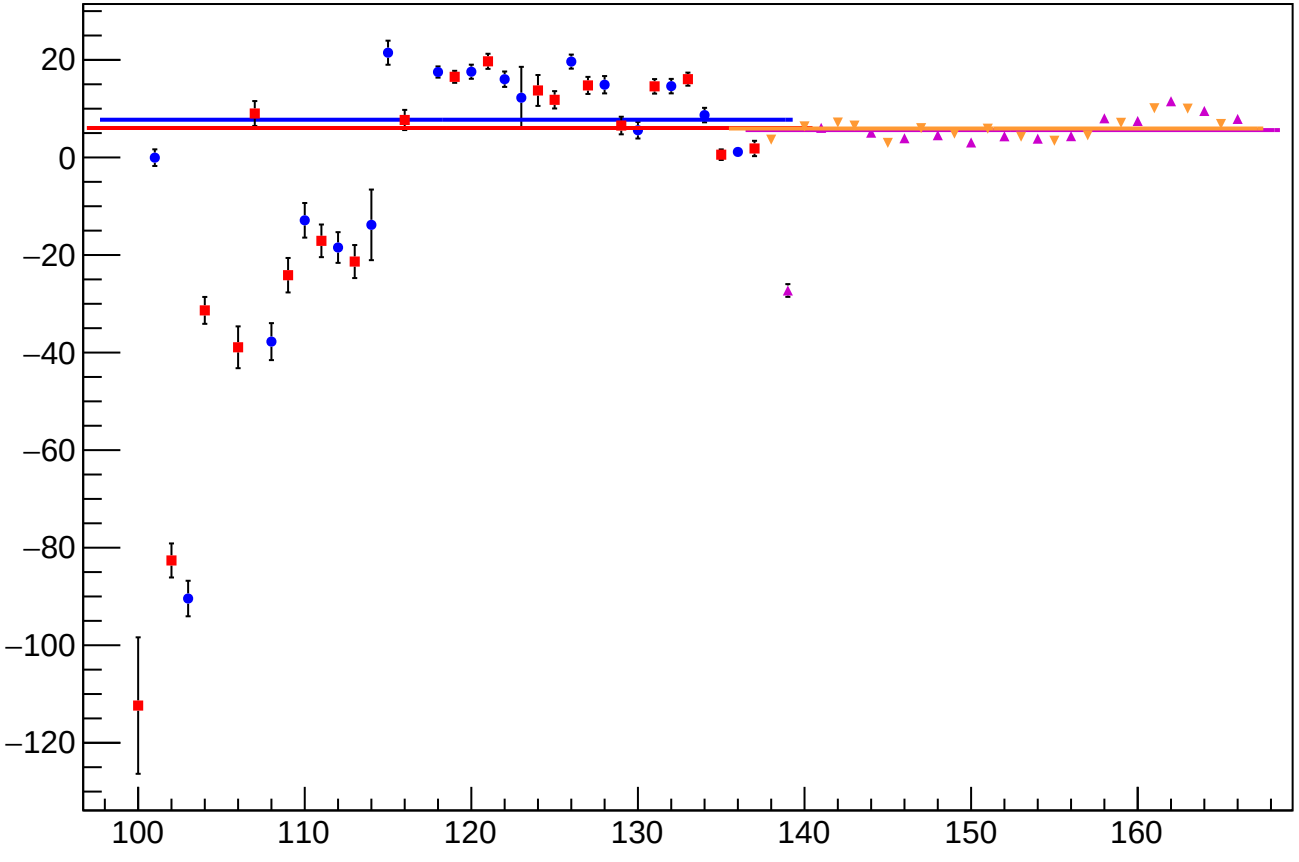
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -8.939+/-0.157 χ^2/NDF:803.5/13

Out: -9.938+/-0.164 χ^2/NDF:811.7/14

All: -9.416+/-0.113 χ^2/NDF: 1634.6/28

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: 5.936+/-0.118 χ^2/NDF:337.1/14

Right Out: 6.040+/-0.434 χ^2/NDF: 1512.1/18

Left In: 5.612+/-0.113 χ^2/NDF:1042.5/13

Left: 5.766+/-0.082 χ^2/NDF: 1383.5/28

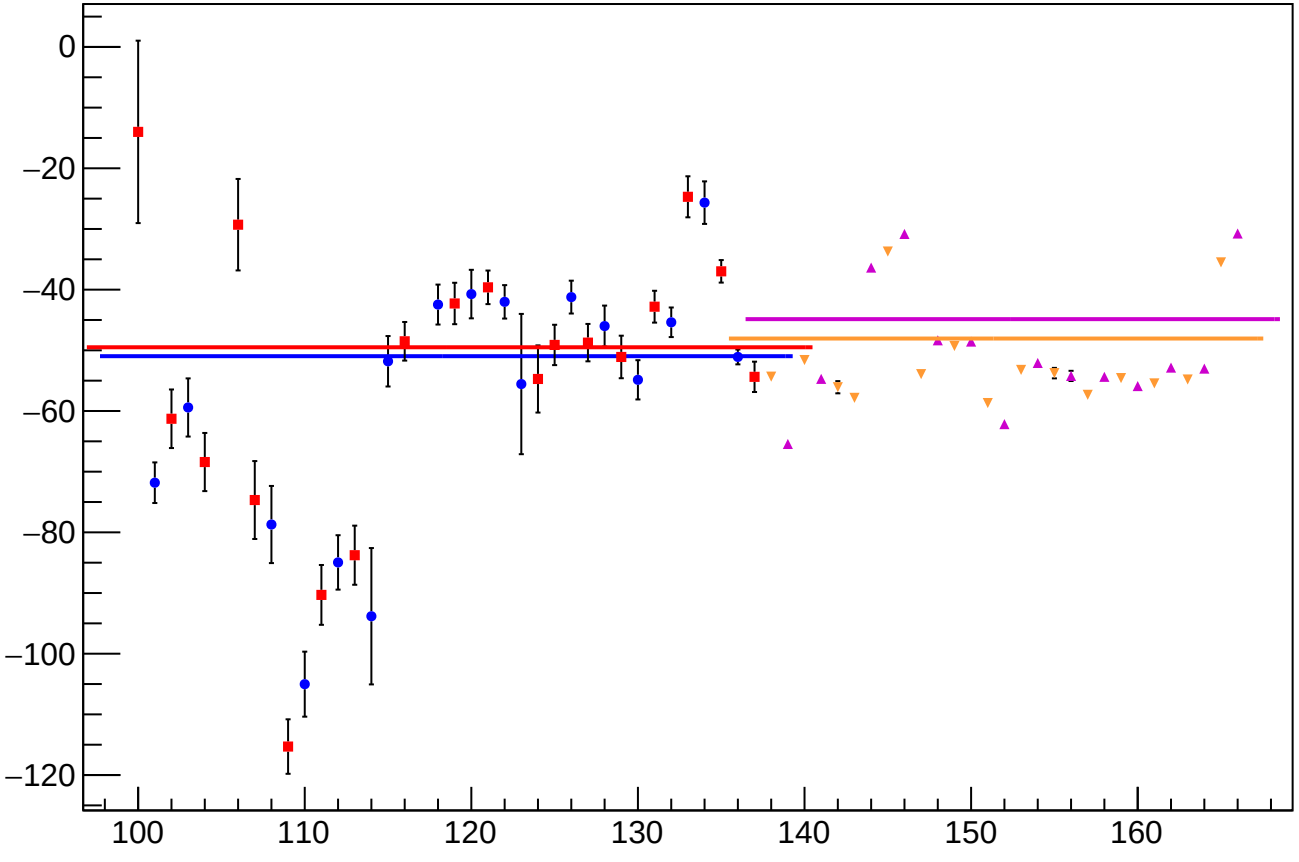
Right: 6.952+/-0.295 χ^2/NDF: 2878.8/35

In: 5.767+/-0.109 χ^2/NDF:2426.7/30

Out: 5.943+/-0.114 χ^2/NDF:1849.3/33

All: 5.850+/-0.079 χ^2/NDF: 4277.3/64

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.966+/-0.738 χ^2/NDF: 332.7/16

Left Out: -48.057+/-0.164 χ^2/NDF:3411.5/14

Right Out: -49.497+/-0.797 χ^2/NDF: 510.4/18

Left In: -44.861+/-0.154 χ^2/NDF:5669.8/13

Left: -46.368+/-0.112 χ^2/NDF: 9283.2/28

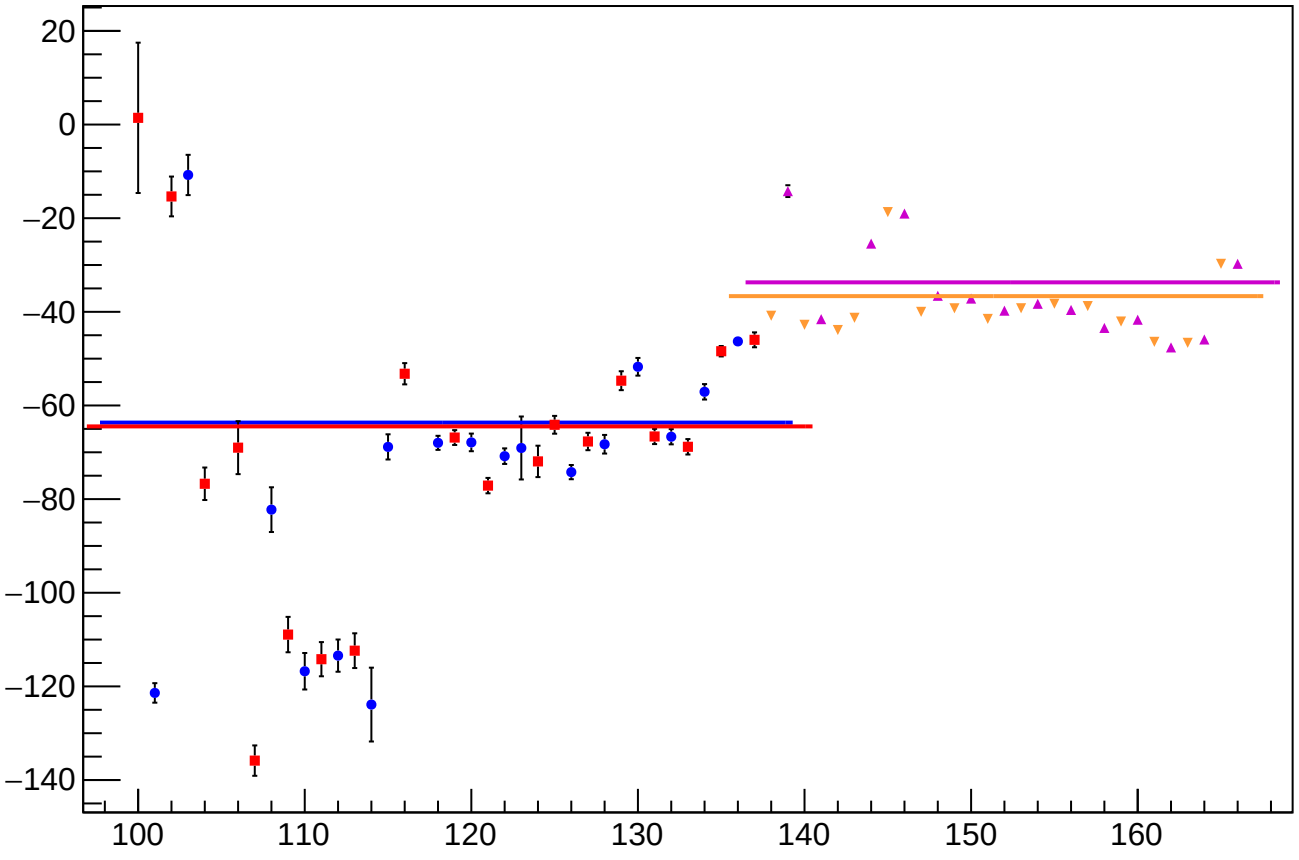
Right: -50.288+/-0.541 χ^2/NDF: 844.9/35

In: -45.118+/-0.151 χ^2/NDF:6068.1/30

Out: -48.115+/-0.160 χ^2/NDF:3925.0/33

All: -46.529+/-0.110 χ^2/NDF: 10178.3/64

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: -36.647+/-0.137 χ^2/NDF:4636.8/14

Right Out: -64.470+/-0.483 χ^2/NDF: 1606.8/18

Left In: -33.703+/-0.131 χ^2/NDF:5521.4/13

Left: -35.114+/-0.095 χ^2/NDF: 10399.4/28

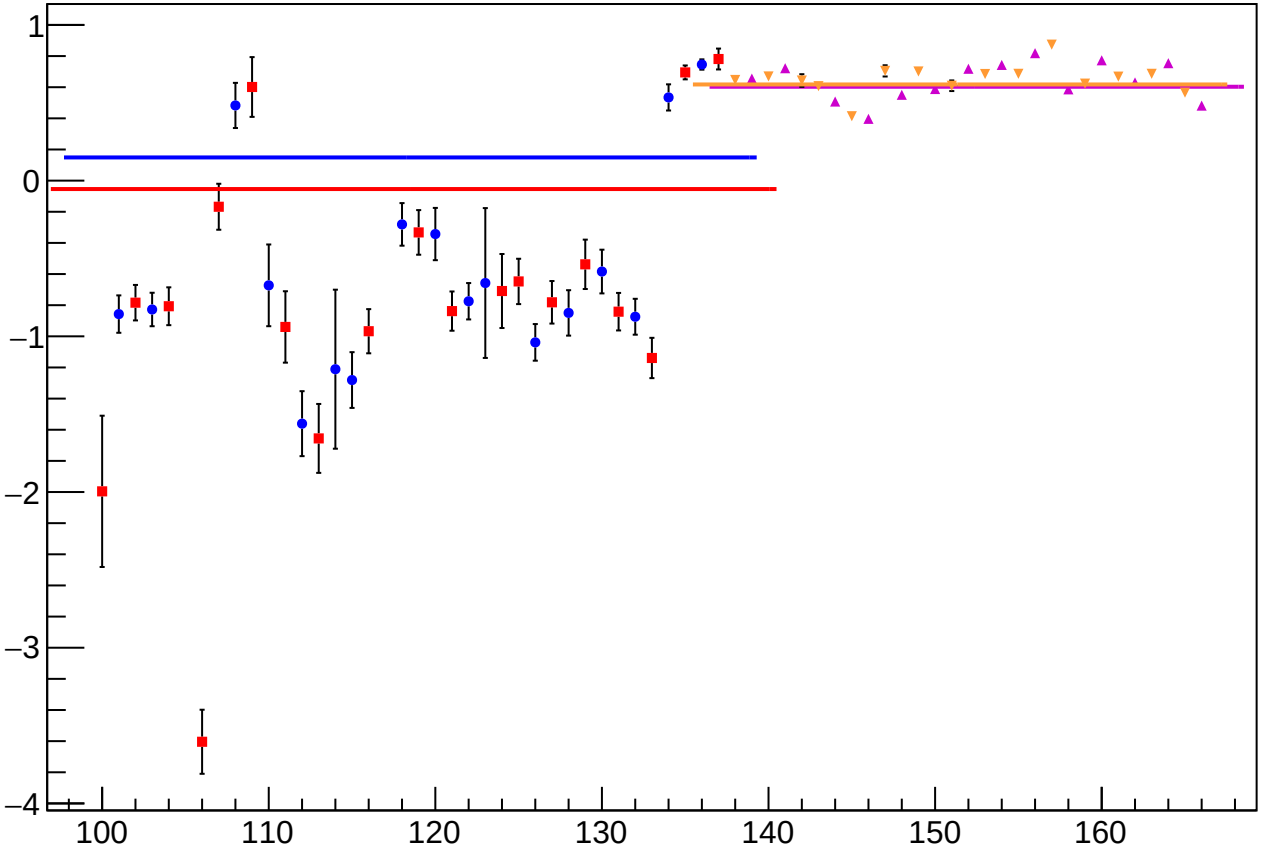
Right: -64.030+/-0.327 χ^2/NDF: 3623.1/35

In: -36.095+/-0.126 χ^2/NDF:11698.2/30

Out: -38.717+/-0.132 χ^2/NDF:9321.3/33

All: -37.348+/-0.091 χ^2/NDF: 21226.8/64

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: 0.618+/-0.006 χ^2/NDF:333.3/14

Right Out: -0.054+/-0.026 χ^2/NDF: 1167.9/18

Left In: 0.603+/-0.006 χ^2/NDF:417.9/13

Left: 0.610+/-0.004 χ^2/NDF: 754.0/28

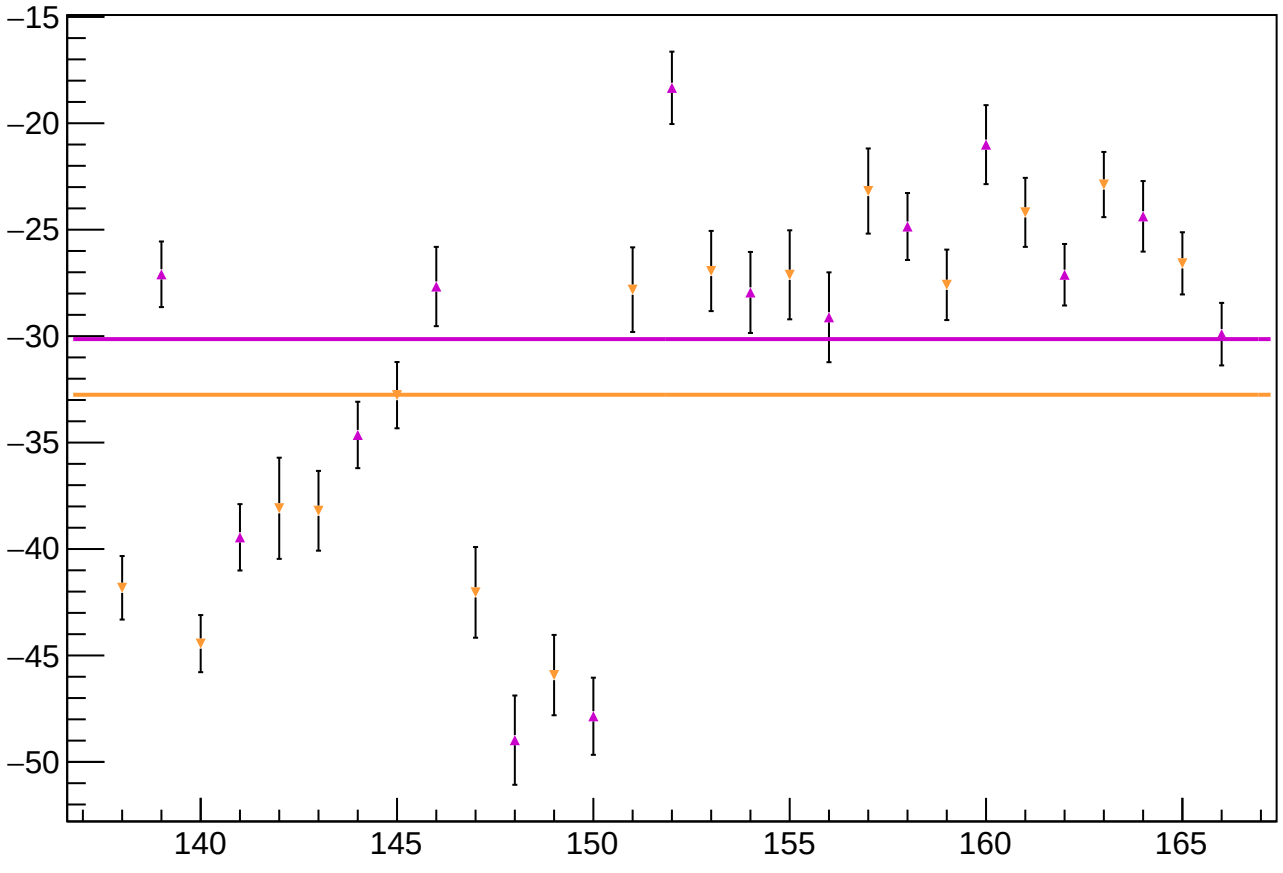
Right: 0.056+/-0.018 χ^2/NDF: 2190.5/35

In: 0.574+/-0.006 χ^2/NDF:1743.4/30

Out: 0.580+/-0.006 χ^2/NDF:2121.3/33

All: 0.577+/-0.004 χ^2/NDF: 3865.1/64

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: -32.754+/-0.446 χ^2/NDF:336.9/14

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

Left In: -30.140+/-0.451 χ^2/NDF:327.8/13

Left: -31.463+/-0.317 χ^2/NDF: 681.8/28

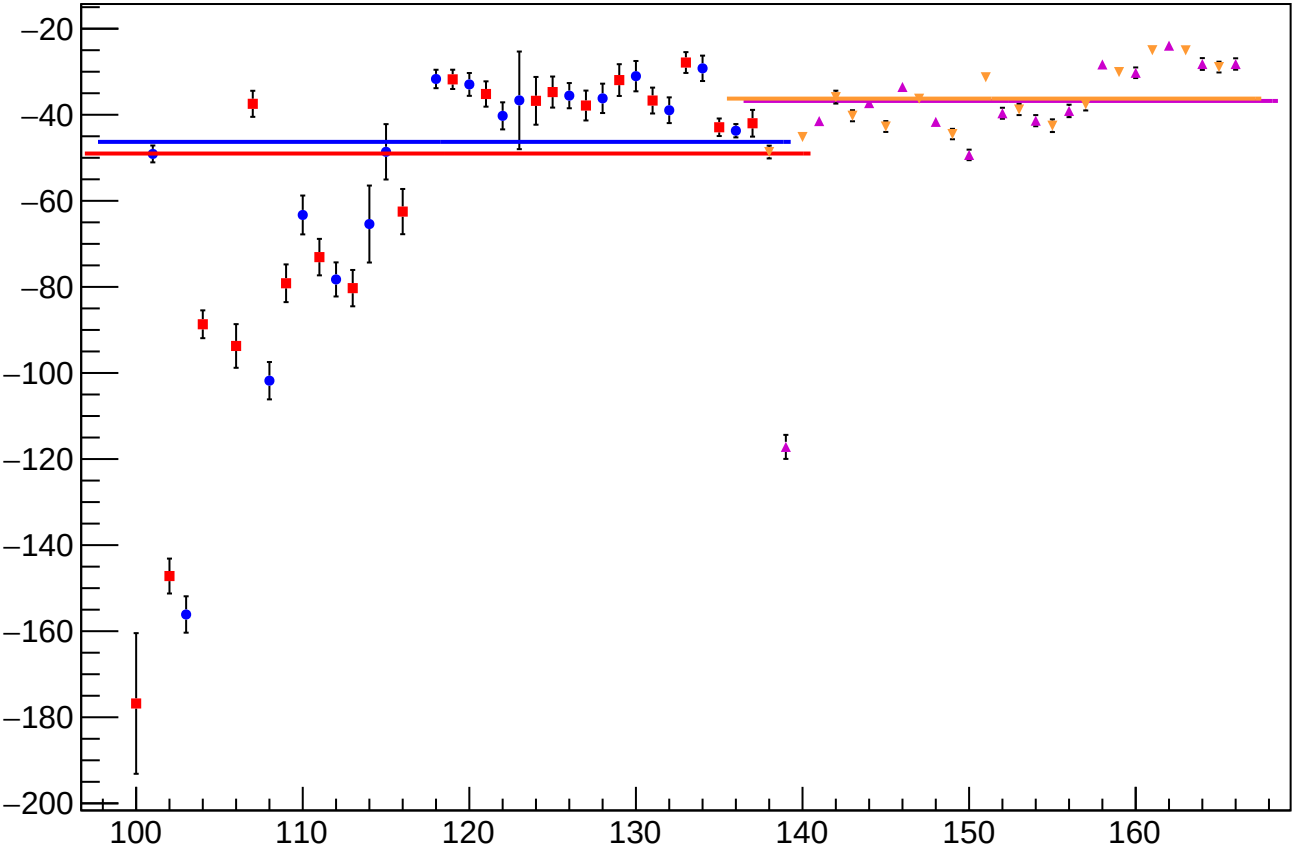
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -30.140+/-0.451 χ^2/NDF:327.8/13

Out: -32.754+/-0.446 χ^2/NDF:336.9/14

All: -31.463+/-0.317 χ^2/NDF: 681.8/28

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: -36.246+/-0.319 χ^2/NDF:513.5/14

Right Out: -49.008+/-0.764 χ^2/NDF: 1271.7/18

Left In: -36.789+/-0.330 χ^2/NDF:1296.6/13

Left: -36.508+/-0.229 χ^2/NDF: 1811.5/28

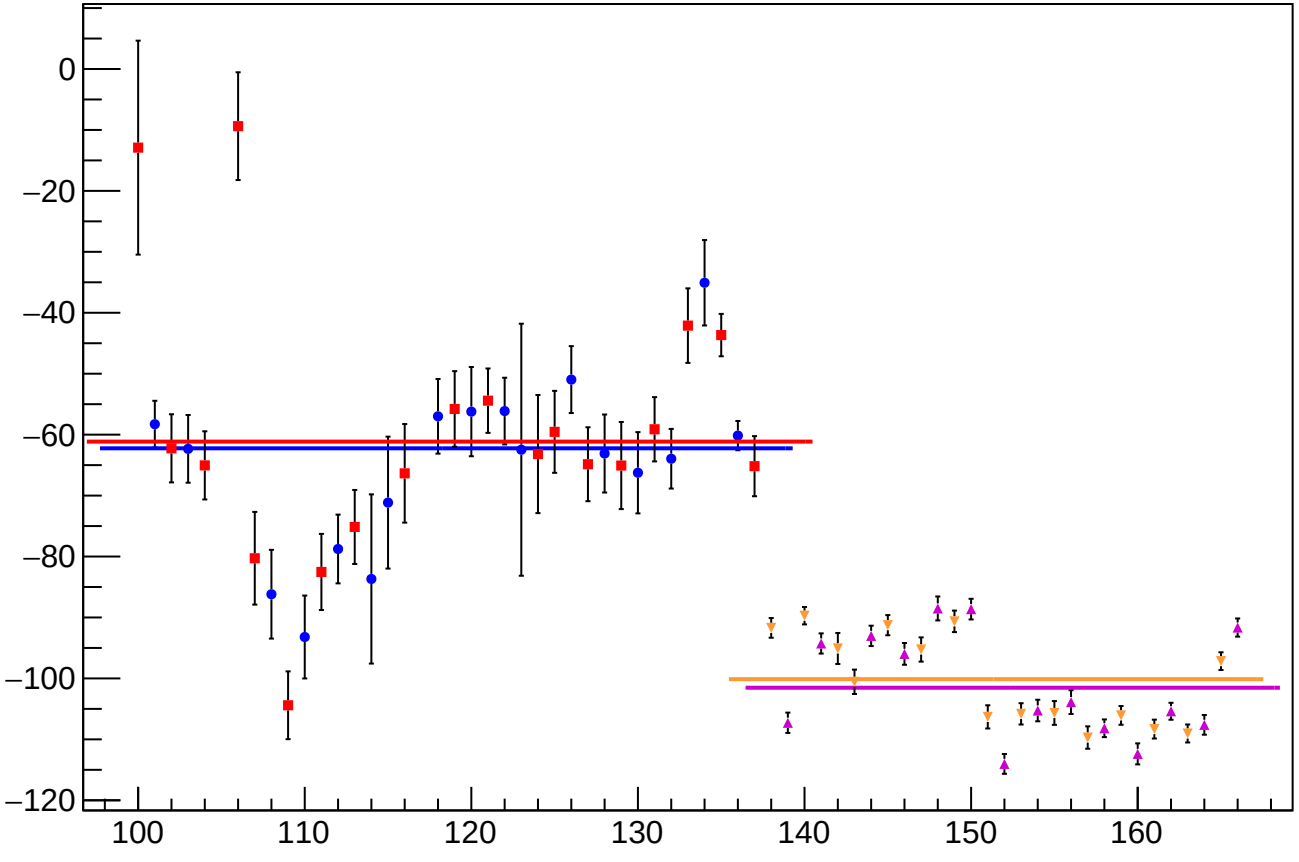
Right: -47.580+/-0.525 χ^2/NDF: 2362.3/35

In: -38.430+/-0.300 χ^2/NDF:2523.9/30

Out: -38.143+/-0.294 χ^2/NDF:2022.9/33

All: -38.284+/-0.210 χ^2/NDF: 4547.3/64

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: -100.119+/-0.441 χ^2/NDF:287.6/14

Right Out: -61.142+/-1.379 χ^2/NDF: 165.6/18

Left In: -101.529+/-0.442 χ^2/NDF:359.7/13

Left: -100.822+/-0.312 χ^2/NDF: 652.5/28

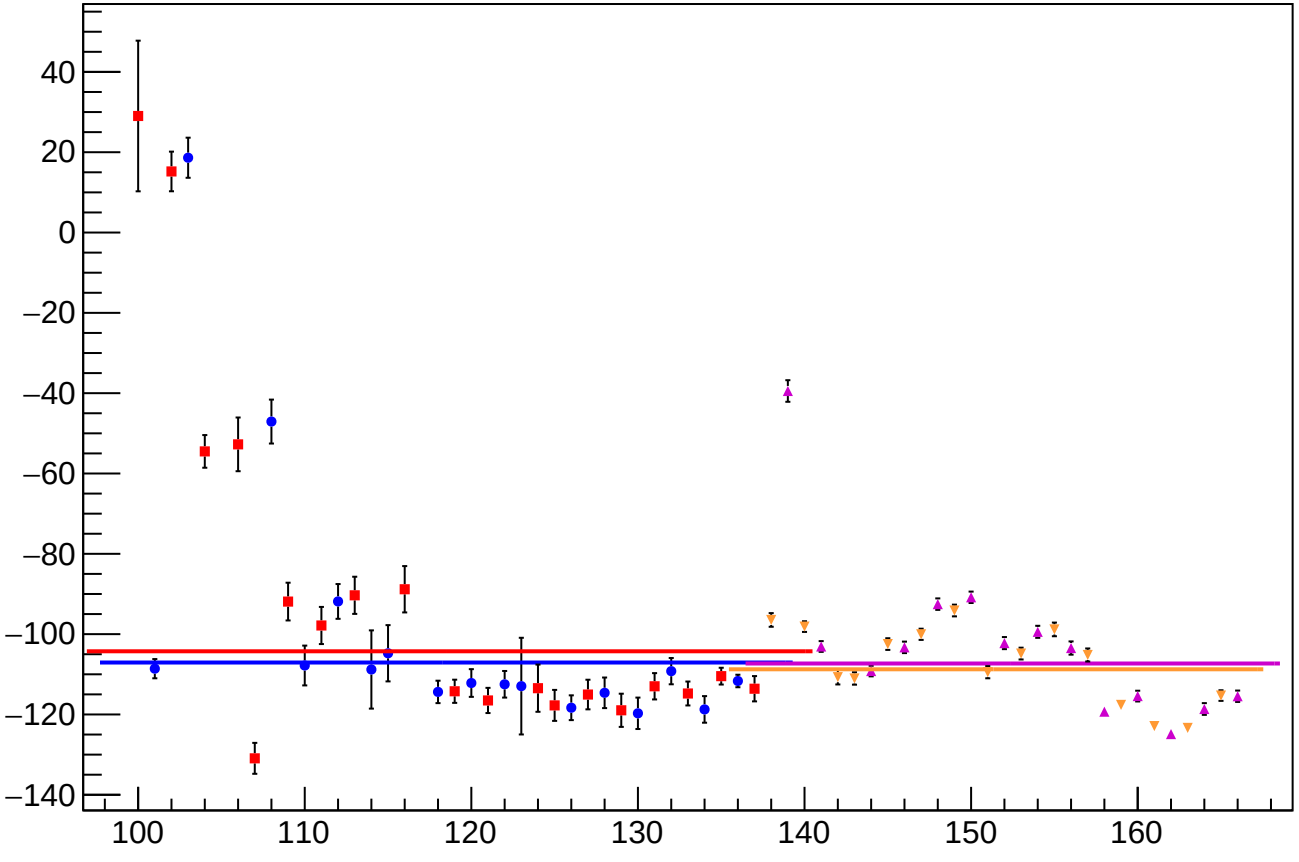
Right: -61.720+/-0.950 χ^2/NDF: 233.3/35

In: -97.518+/-0.419 χ^2/NDF:1234.5/30

Out: -96.511+/-0.420 χ^2/NDF:1177.7/33

All: -97.015+/-0.296 χ^2/NDF: 2415.1/64

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: -108.753+/-0.369 χ^2/NDF:681.3/14

Right Out: -104.269+/-0.861 χ^2/NDF: 1018.6/18

Left In: -107.310+/-0.378 χ^2/NDF:1396.4/13

Left: -108.049+/-0.264 χ^2/NDF: 2085.2/28

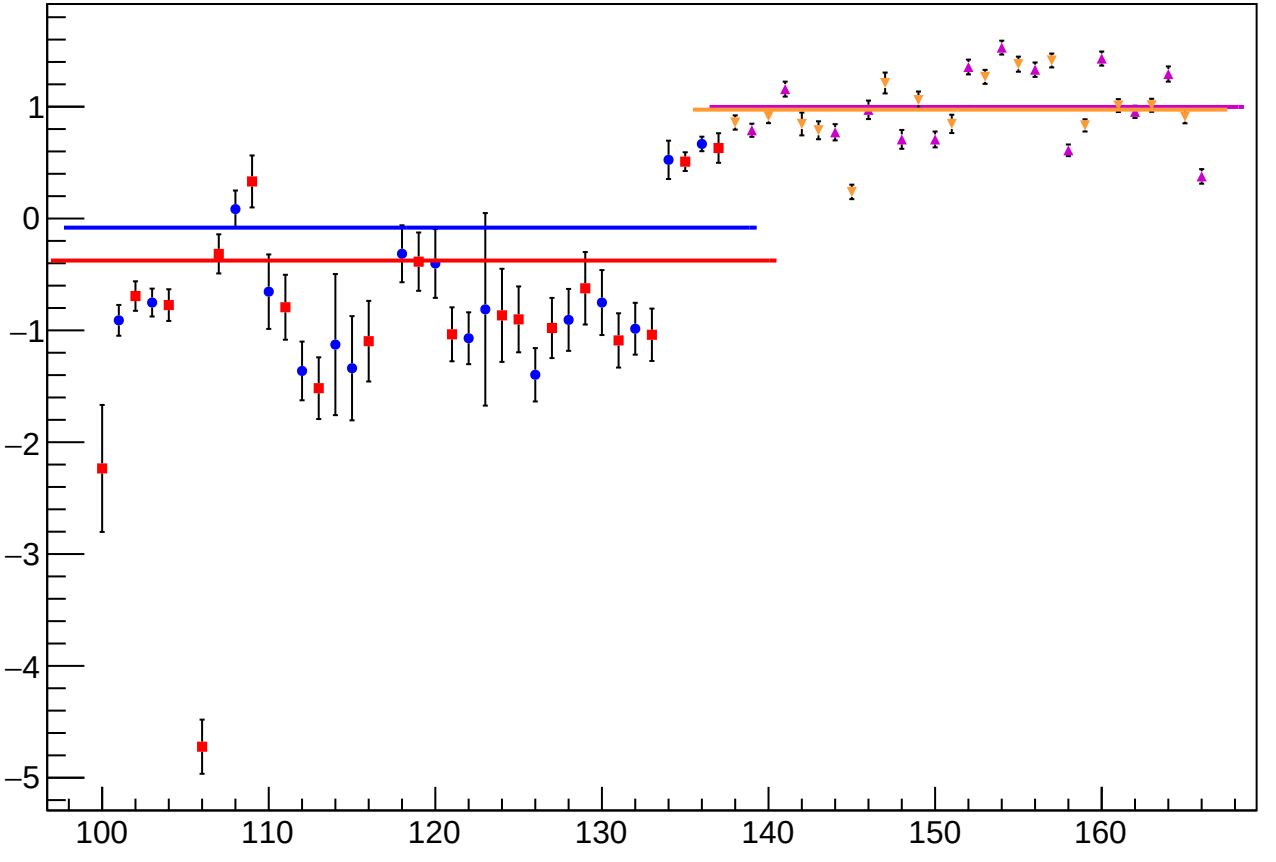
Right: -105.751+/-0.590 χ^2/NDF: 1852.6/35

In: -107.267+/-0.343 χ^2/NDF:2224.8/30

Out: -108.056+/-0.339 χ^2/NDF:1722.9/33

All: -107.666+/-0.241 χ^2/NDF: 3950.4/64

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081+/-0.042 χ^2/NDF: 329.0/16

Left Out: 0.974+/-0.017 χ^2/NDF:266.6/14

Right Out: -0.376+/-0.044 χ^2/NDF: 583.0/18

Left In: 0.998+/-0.017 χ^2/NDF:397.9/13

Left: 0.986+/-0.012 χ^2/NDF: 665.4/28

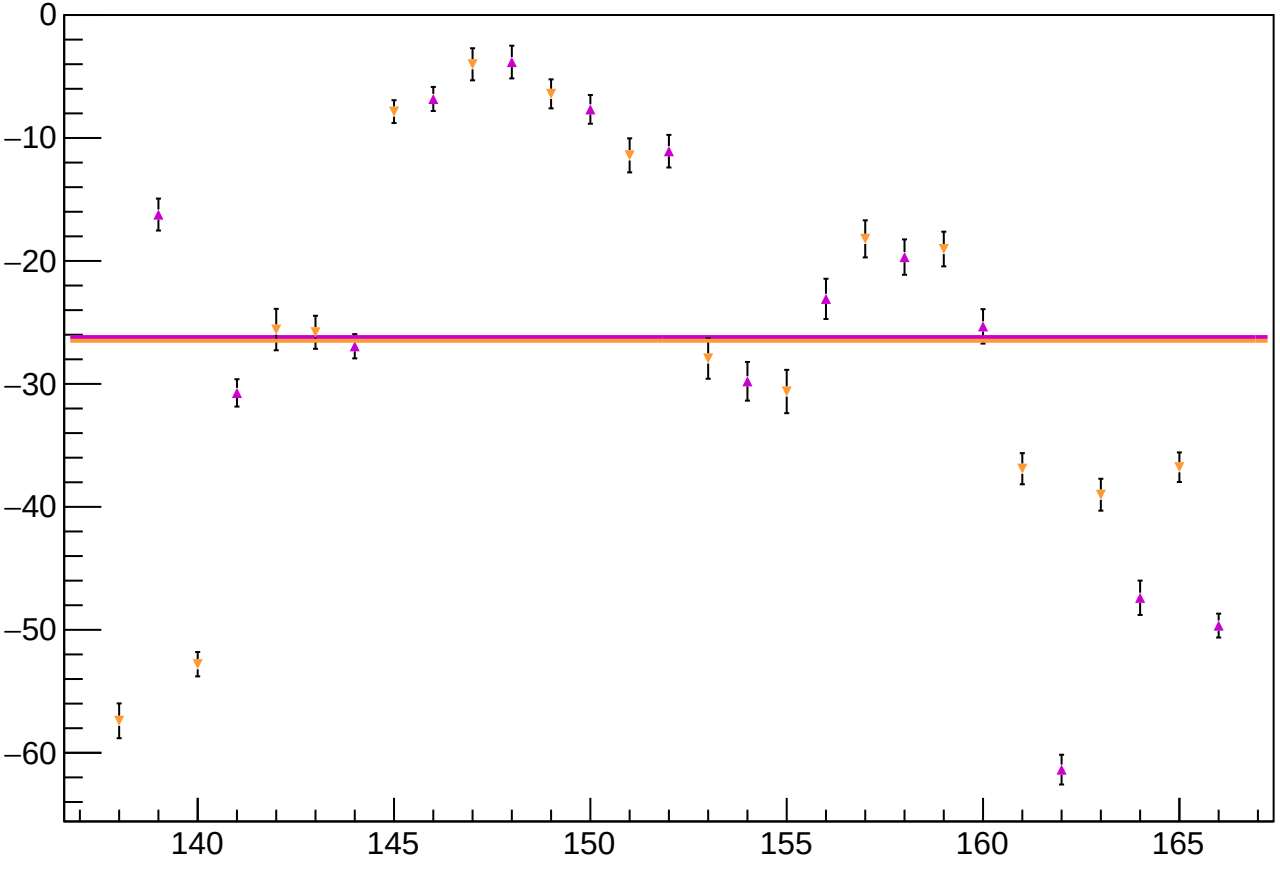
Right: -0.223+/-0.030 χ^2/NDF: 935.4/35

In: 0.841+/-0.016 χ^2/NDF:1286.8/30

Out: 0.793+/-0.016 χ^2/NDF:1668.4/33

All: 0.817+/-0.011 χ^2/NDF: 2959.7/64

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: -26.490+/-0.334 χ^2/NDF:2588.6/14

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

Left In: -26.192+/-0.327 χ^2/NDF:2819.8/13

Left: -26.337+/-0.234 χ^2/NDF: 5408.7/28

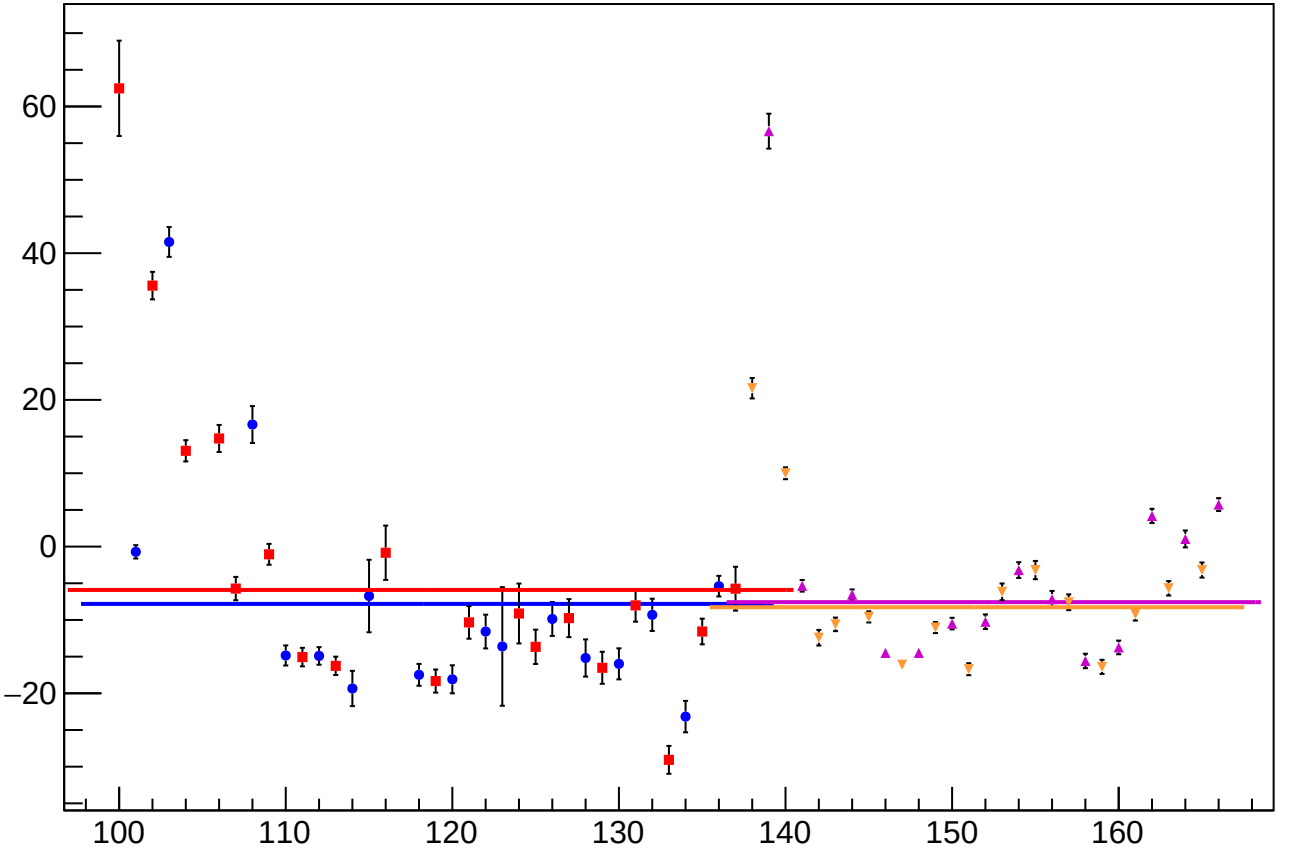
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -26.192+/-0.327 χ^2/NDF:2819.8/13

Out: -26.490+/-0.334 χ^2/NDF:2588.6/14

All: -26.337+/-0.234 χ^2/NDF: 5408.7/28

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.812+/-0.427 χ^2/NDF: 982.8/16

Left Out: -8.266+/-0.234 χ^2/NDF:1396.4/14

Right Out: -5.908+/-0.429 χ^2/NDF: 1293.1/18

Left In: -7.574+/-0.233 χ^2/NDF:1558.2/13

Left: -7.919+/-0.165 χ^2/NDF: 2959.0/28

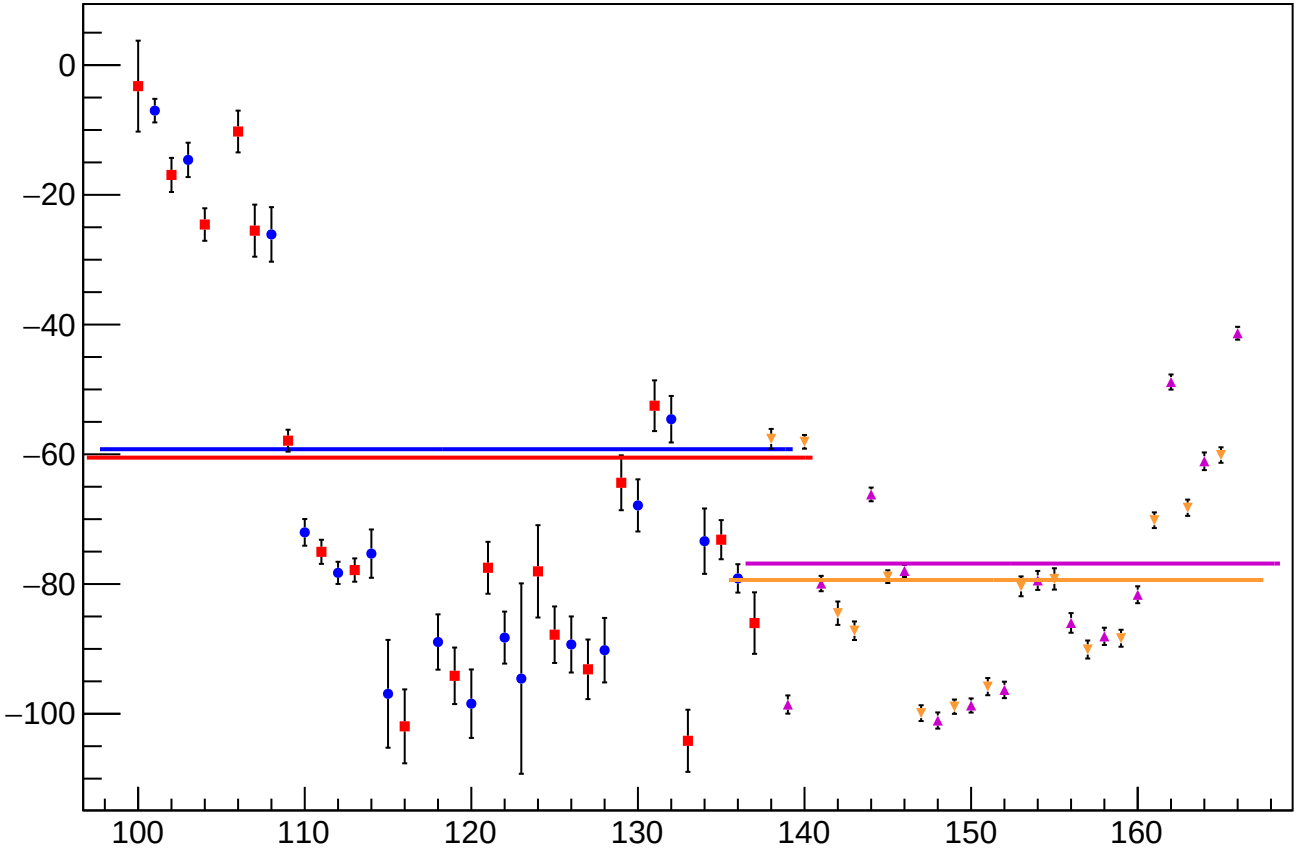
Right: -6.864+/-0.303 χ^2/NDF: 2285.7/35

In: -7.628+/-0.205 χ^2/NDF:2541.2/30

Out: -7.725+/-0.205 χ^2/NDF:2712.8/33

All: -7.677+/-0.145 χ^2/NDF: 5254.0/64

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: -79.374+/-0.331 χ^2/NDF:1902.7/14

Right Out: -60.513+/-0.704 χ^2/NDF: 1383.9/18

Left In: -76.842+/-0.321 χ^2/NDF:3488.3/13

Left: -78.070+/-0.230 χ^2/NDF: 5421.3/28

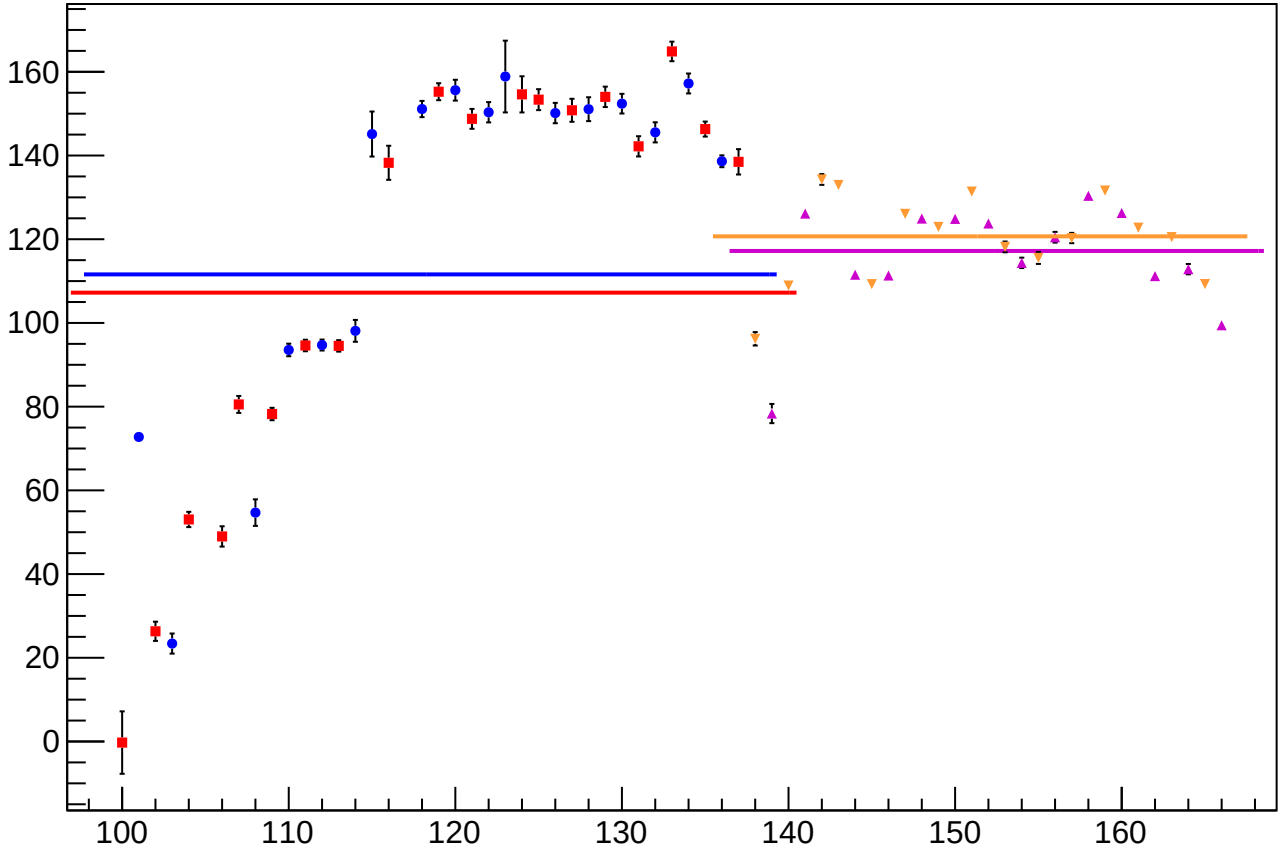
Right: -59.899+/-0.511 χ^2/NDF: 3105.9/35

In: -74.074+/-0.295 χ^2/NDF:5682.3/30

Out: -75.965+/-0.299 χ^2/NDF:3874.4/33

All: -75.005+/-0.210 χ^2/NDF: 9577.0/64

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599+/-0.487 χ^2/NDF: 5959.5/16

Left Out: 120.685+/-0.275 χ^2/NDF:1179.1/14

Right Out: 107.238+/-0.488 χ^2/NDF: 7037.4/18

Left In: 117.200+/-0.272 χ^2/NDF:1309.9/13

Left: 118.926+/-0.193 χ^2/NDF: 2570.2/28

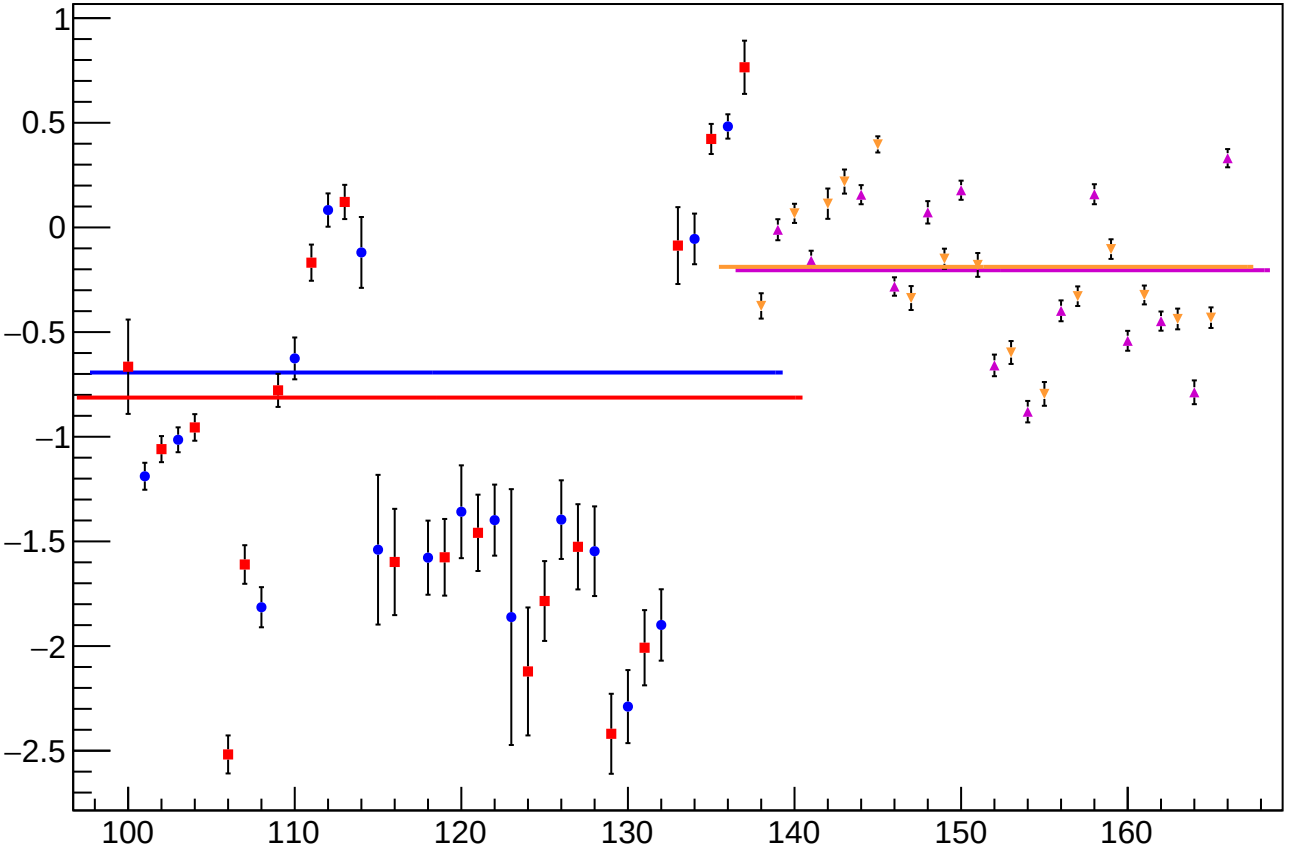
Right: 109.423+/-0.344 χ^2/NDF: 13037.0/35

In: 115.864+/-0.238 χ^2/NDF:7370.3/30

Out: 117.444+/-0.239 χ^2/NDF:8793.5/33

All: 116.648+/-0.169 χ^2/NDF: 16185.8/64

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: -0.188+/-0.013 χ^2/NDF:586.1/14

Right Out: -0.813+/-0.024 χ^2/NDF: 1310.7/18

Left In: -0.204+/-0.013 χ^2/NDF:836.9/13

Left: -0.196+/-0.009 χ^2/NDF: 1423.8/28

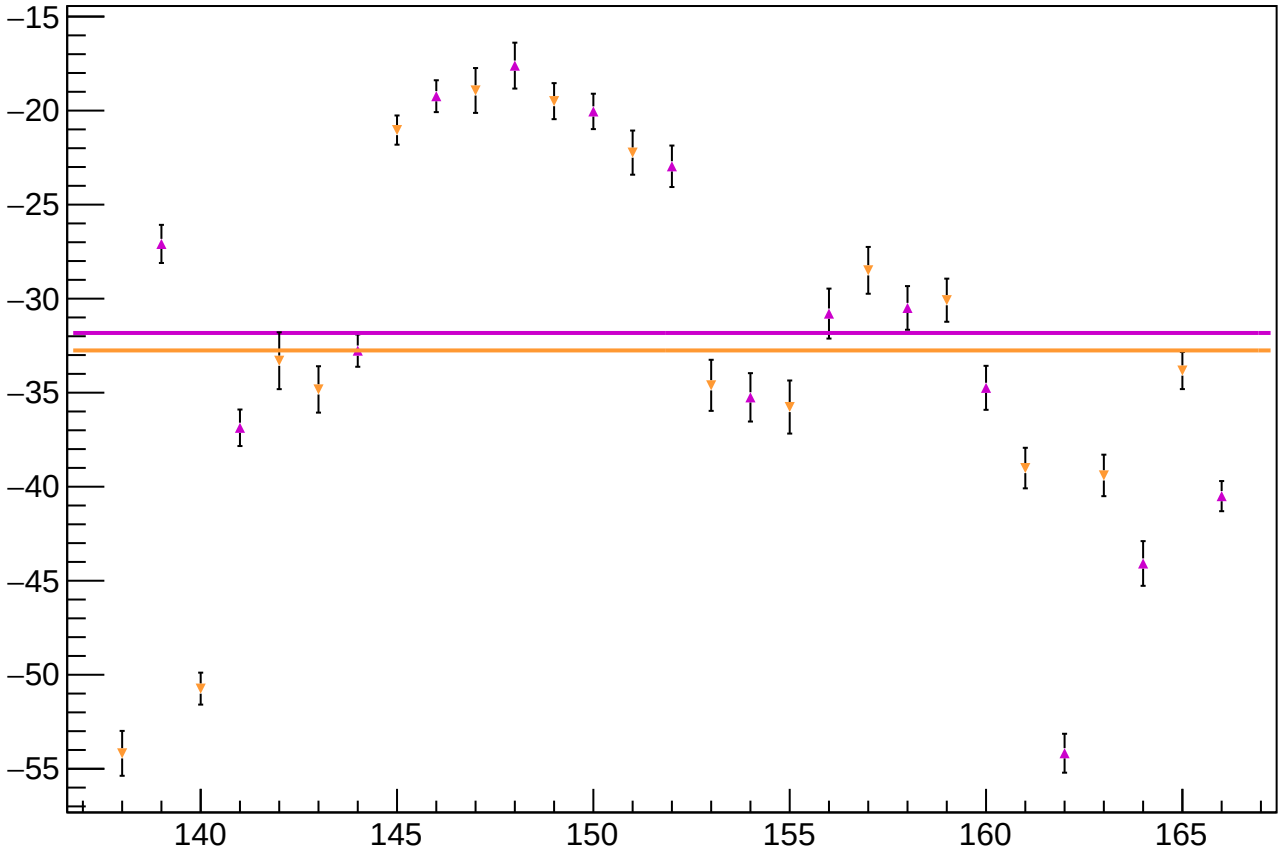
Right: -0.756+/-0.018 χ^2/NDF: 2315.2/35

In: -0.302+/-0.012 χ^2/NDF:2117.5/30

Out: -0.329+/-0.012 χ^2/NDF:2407.5/33

All: -0.315+/-0.008 χ^2/NDF: 4527.6/64

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: -32.754+/-0.283 χ^2/NDF:1501.2/14

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

Left In: -31.825+/-0.275 χ^2/NDF:1333.1/13

Left: -32.276+/-0.197 χ^2/NDF: 2839.9/28

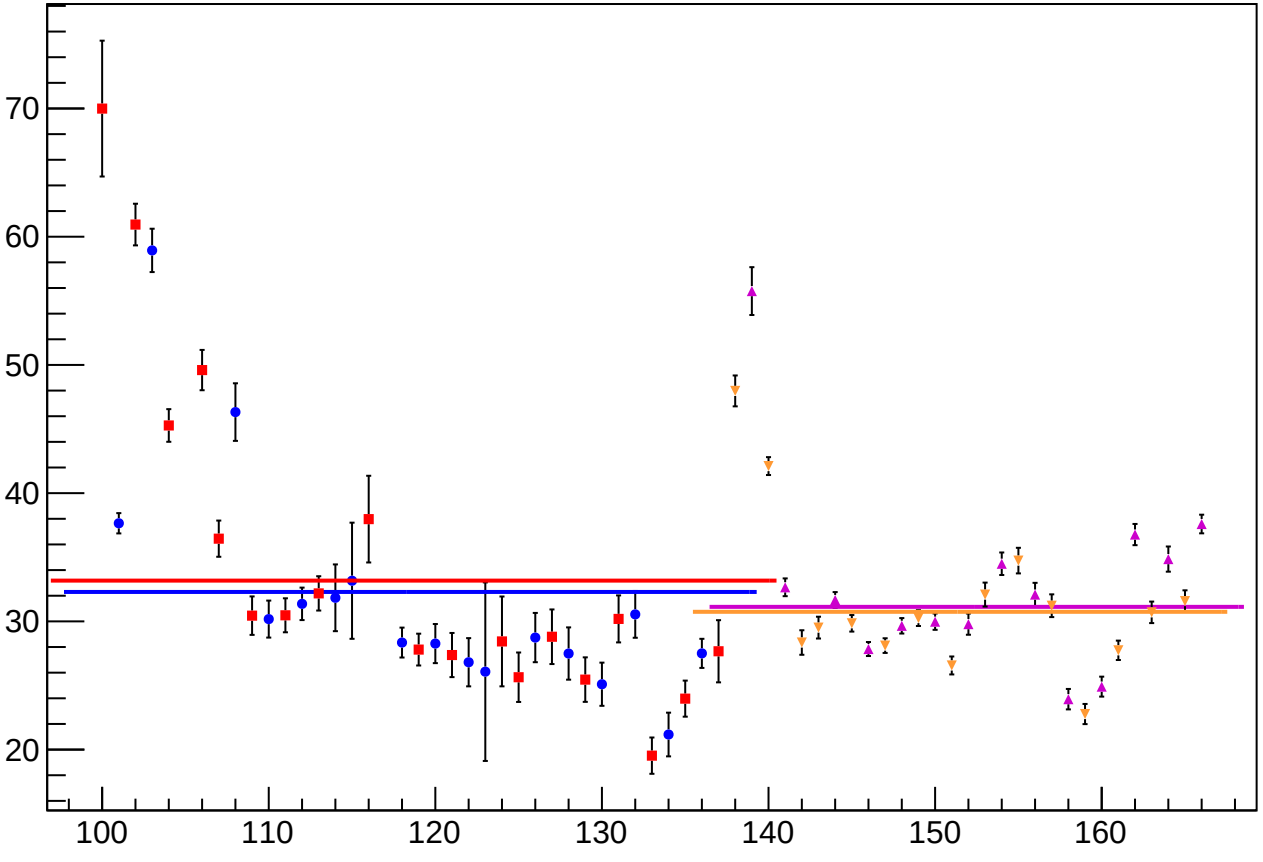
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -31.825+/-0.275 χ^2/NDF:1333.1/13

Out: -32.754+/-0.283 χ^2/NDF:1501.2/14

All: -32.276+/-0.197 χ^2/NDF: 2839.9/28

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: 30.746+/-0.200 χ^2/NDF:676.0/14

Right Out: 33.180+/-0.379 χ^2/NDF: 770.3/18

Left In: 31.132+/-0.199 χ^2/NDF:529.2/13

Left: 30.940+/-0.141 χ^2/NDF: 1207.1/28

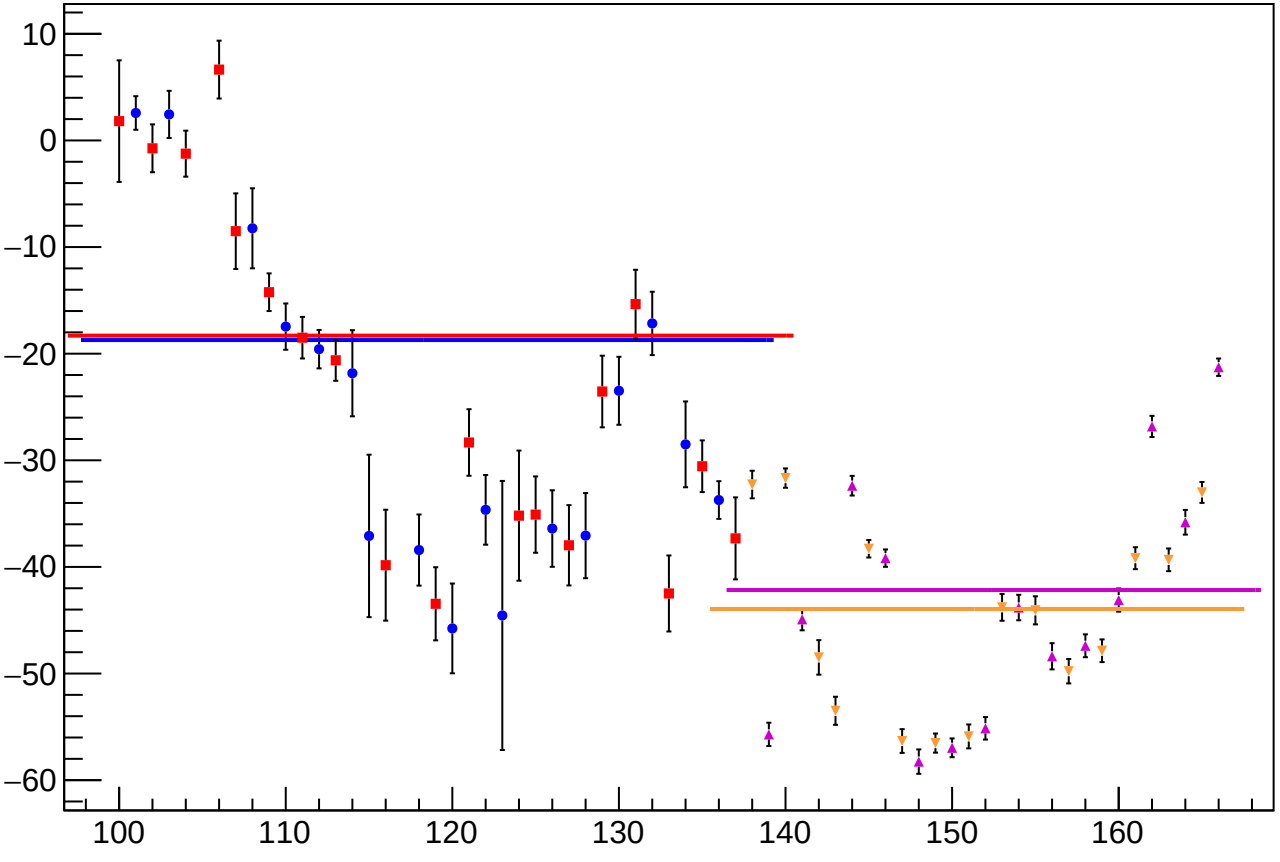
Right: 32.730+/-0.266 χ^2/NDF: 1225.3/35

In: 31.391+/-0.176 χ^2/NDF:989.0/30

Out: 31.277+/-0.177 χ^2/NDF:1478.5/33

All: 31.334+/-0.125 χ^2/NDF: 2467.7/64

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: -43.943+/-0.279 χ^2/NDF:1012.0/14

Right Out: -18.306+/-0.644 χ^2/NDF: 472.6/18

Left In: -42.166+/-0.270 χ^2/NDF:1892.3/13

Left: -43.024+/-0.194 χ^2/NDF: 2925.2/28

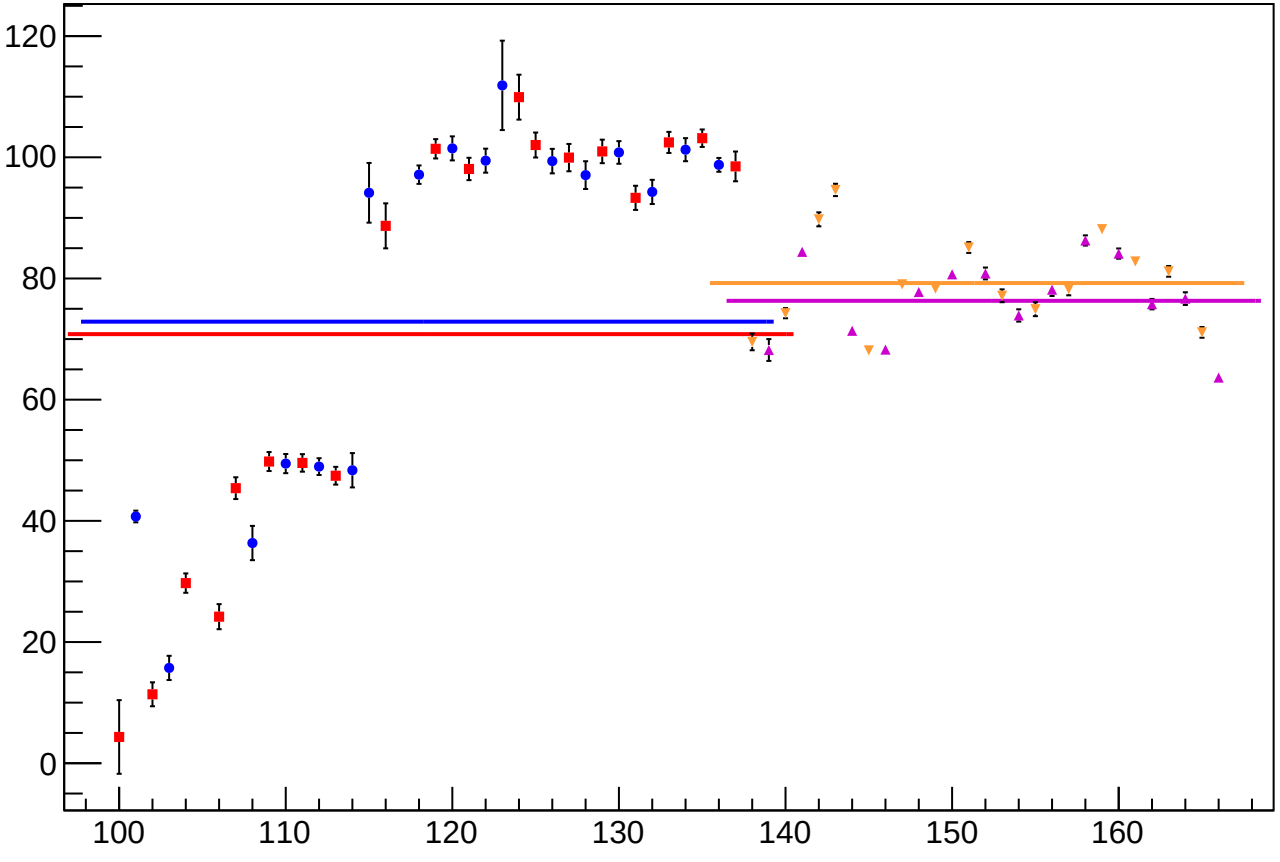
Right: -18.506+/-0.463 χ^2/NDF: 992.4/35

In: -38.857+/-0.250 χ^2/NDF:3478.2/30

Out: -39.883+/-0.256 χ^2/NDF:2820.4/33

All: -39.358+/-0.179 χ^2/NDF: 6306.8/64

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: 79.246+/-0.234 χ^2/NDF:907.3/14

Right Out: 70.815+/-0.433 χ^2/NDF: 5489.3/18

Left In: 76.316+/-0.231 χ^2/NDF:861.9/13

Left: 77.764+/-0.164 χ^2/NDF: 1848.8/28

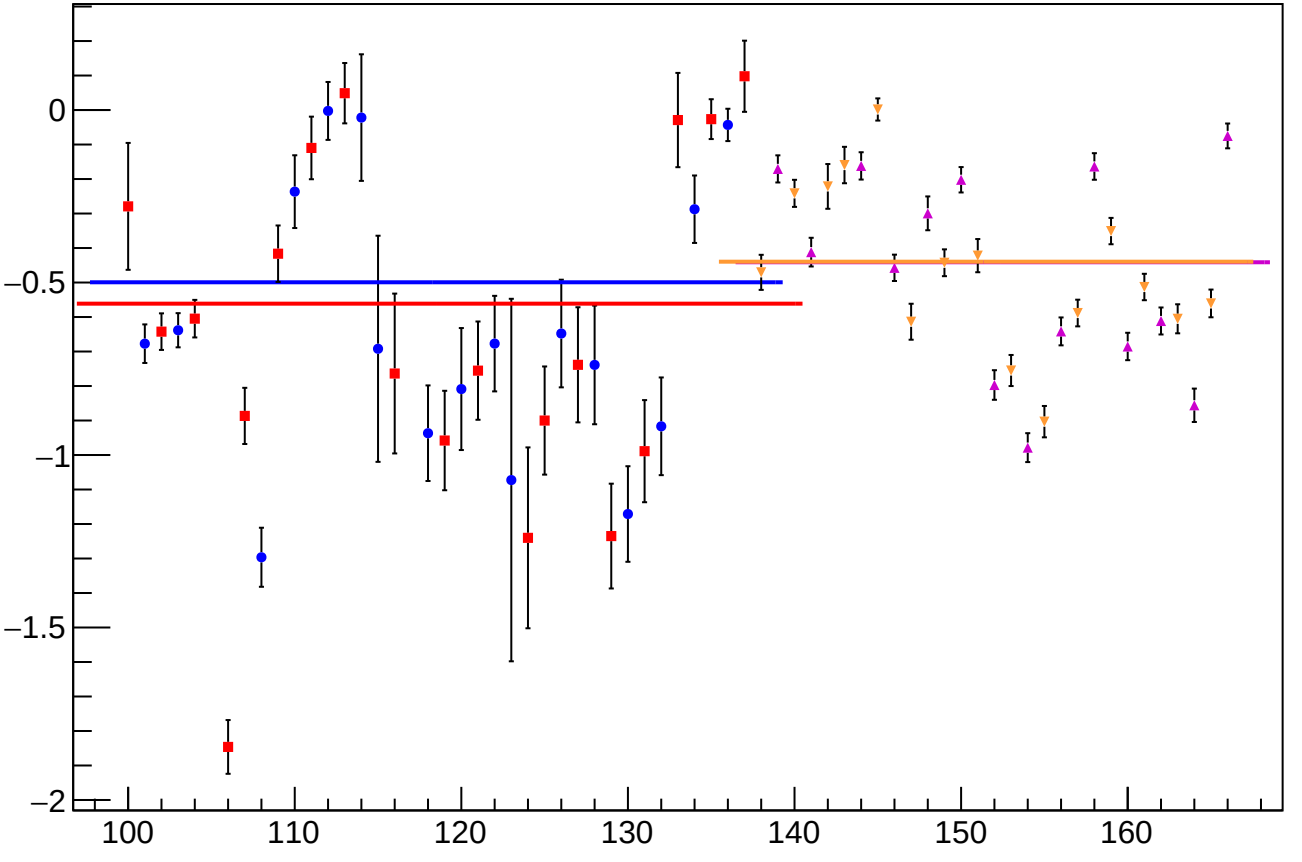
Right: 71.863+/-0.304 χ^2/NDF: 10238.7/35

In: 75.534+/-0.203 χ^2/NDF:5650.3/30

Out: 77.347+/-0.206 χ^2/NDF:6690.0/33

All: 76.429+/-0.144 χ^2/NDF: 12379.7/64

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: -0.440+/-0.011 χ^2/NDF:466.2/14

Right Out: -0.561+/-0.021 χ^2/NDF: 562.3/18

Left In: -0.441+/-0.011 χ^2/NDF:692.0/13

Left: -0.440+/-0.008 χ^2/NDF: 1158.2/28

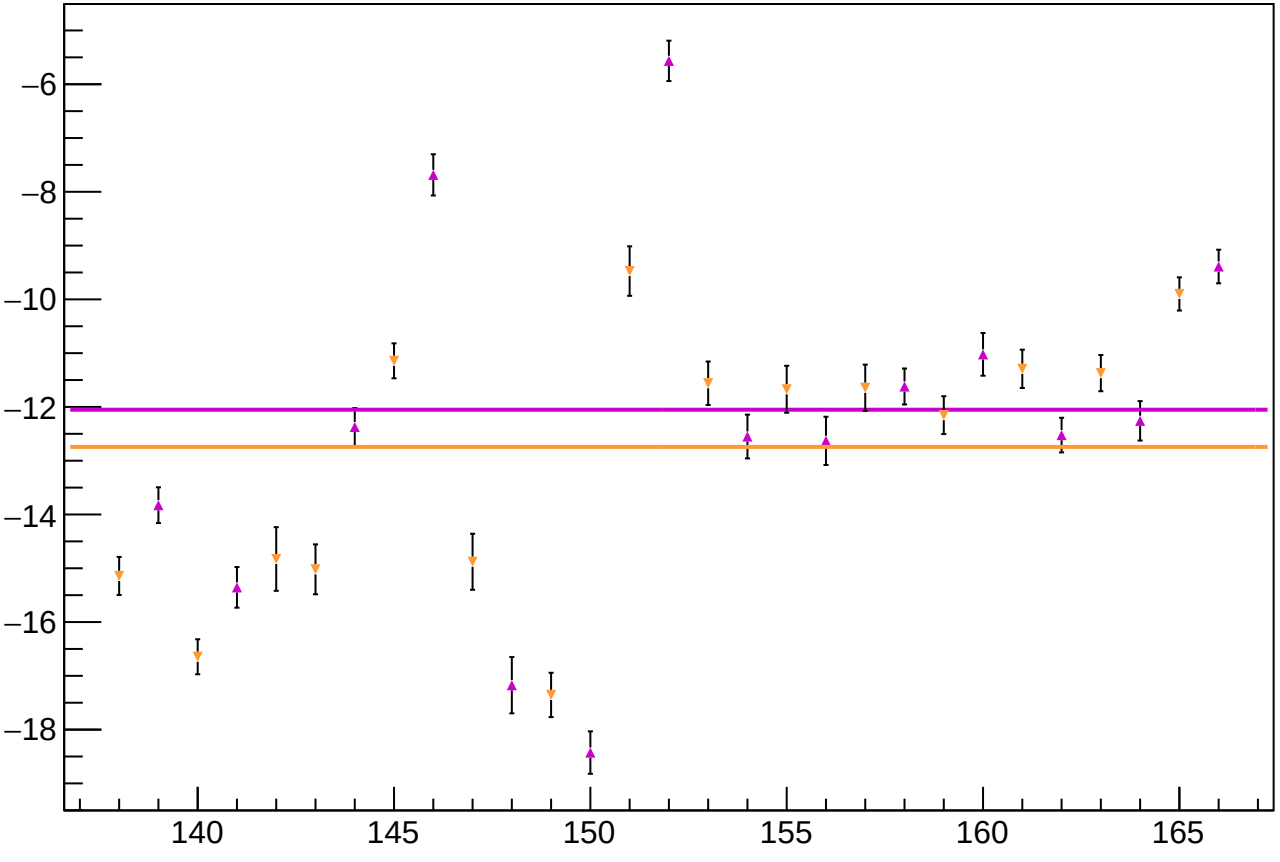
Right: -0.532+/-0.015 χ^2/NDF: 869.9/35

In: -0.452+/-0.010 χ^2/NDF:1000.9/30

Out: -0.465+/-0.010 χ^2/NDF:1054.1/33

All: -0.459+/-0.007 χ^2/NDF: 2055.9/64

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: -12.743+/-0.100 χ^2/NDF:585.3/14

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

Left In: -12.052+/-0.099 χ^2/NDF:977.4/13

Left: -12.396+/-0.070 χ^2/NDF: 1586.9/28

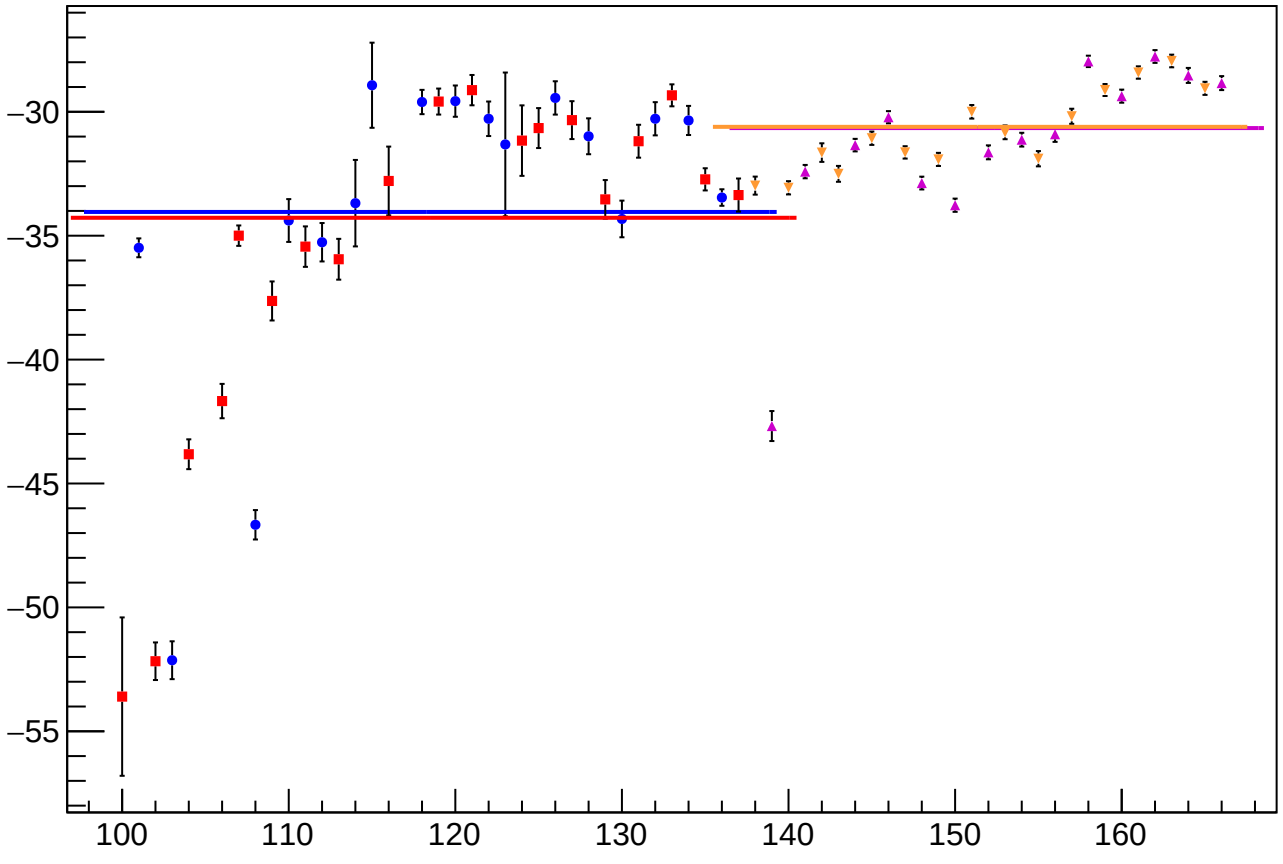
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.052+/-0.099 χ^2/NDF:977.4/13

Out: -12.743+/-0.100 χ^2/NDF:585.3/14

All: -12.396+/-0.070 χ^2/NDF: 1586.9/28

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: -30.607+/-0.072 χ^2/NDF:496.1/14

Right Out: -34.277+/-0.151 χ^2/NDF: 1349.5/18

Left In: -30.657+/-0.073 χ^2/NDF:1048.4/13

Left: -30.632+/-0.051 χ^2/NDF: 1544.7/28

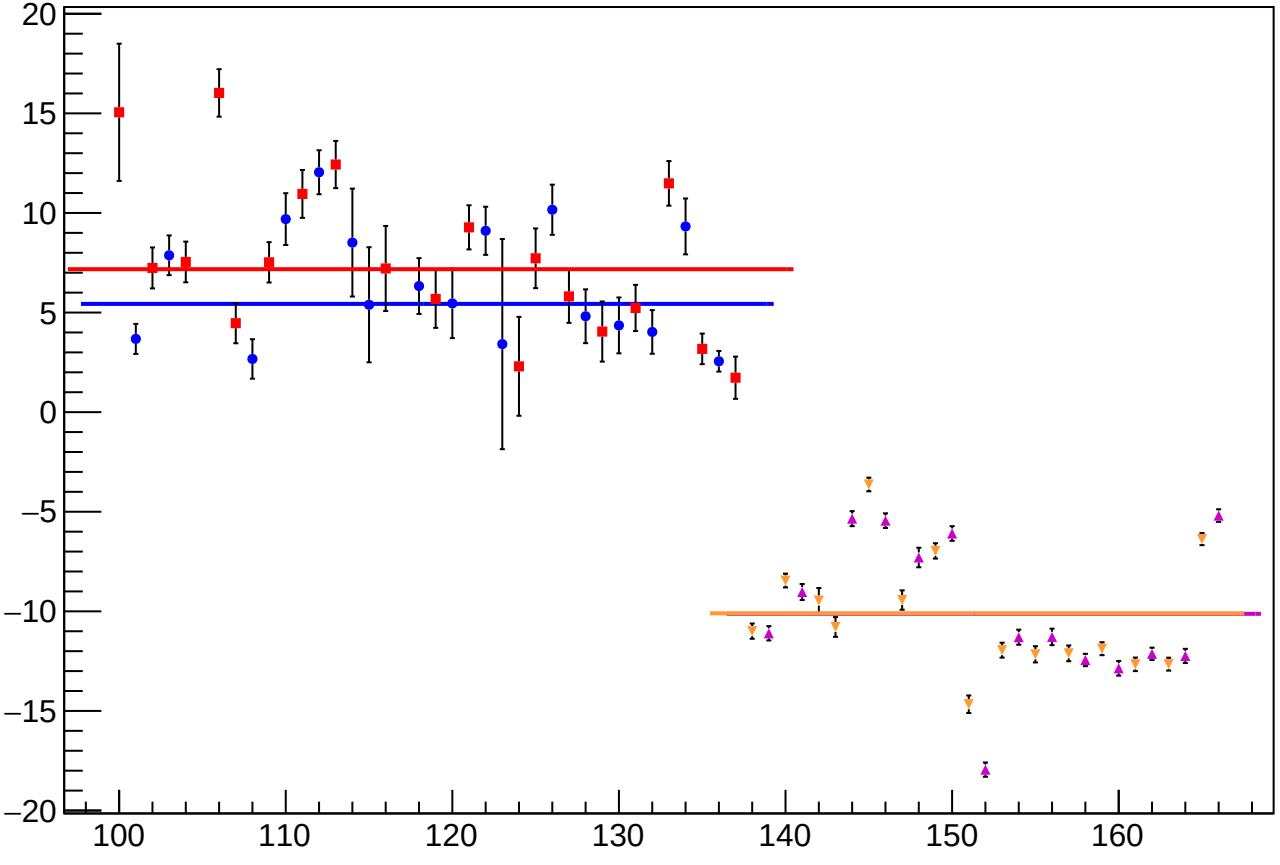
Right: -34.159+/-0.107 χ^2/NDF: 2691.4/35

In: -31.307+/-0.066 χ^2/NDF:2796.7/30

Out: -31.289+/-0.065 χ^2/NDF:2327.5/33

All: -31.298+/-0.046 χ^2/NDF: 5124.2/64

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: -10.100+/-0.098 χ^2/NDF:933.6/14

Right Out: 7.177+/-0.274 χ^2/NDF: 182.6/18

Left In: -10.124+/-0.097 χ^2/NDF:1410.9/13

Left: -10.112+/-0.069 χ^2/NDF: 2344.6/28

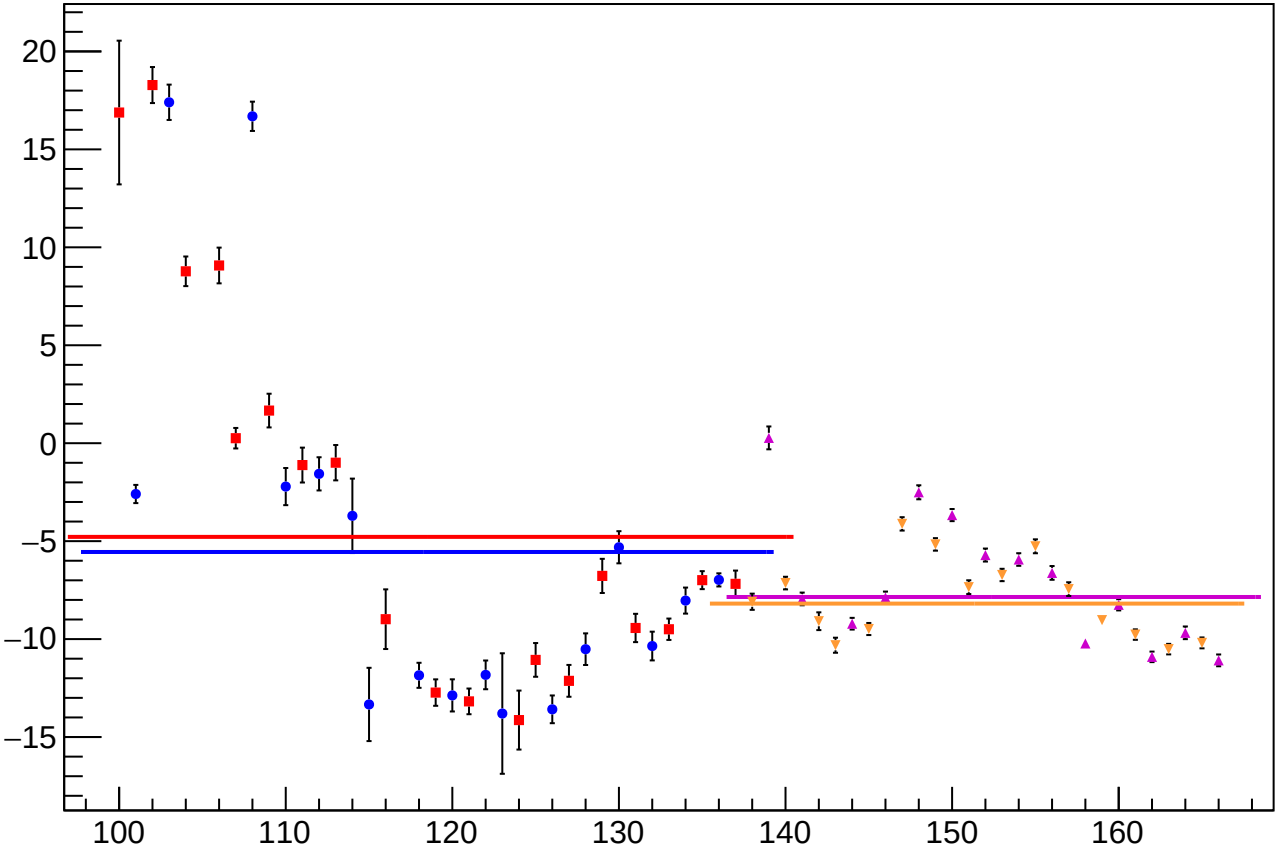
Right: 6.291+/-0.192 χ^2/NDF: 335.1/35

In: -8.341+/-0.091 χ^2/NDF:4492.7/30

Out: -8.141+/-0.092 χ^2/NDF:4637.0/33

All: -8.242+/-0.065 χ^2/NDF: 9132.1/64

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: -8.189+/-0.083 χ^2/NDF:565.8/14

Right Out: -4.782+/-0.173 χ^2/NDF: 2040.4/18

Left In: -7.851+/-0.084 χ^2/NDF:1083.8/13

Left: -8.022+/-0.059 χ^2/NDF: 1657.9/28

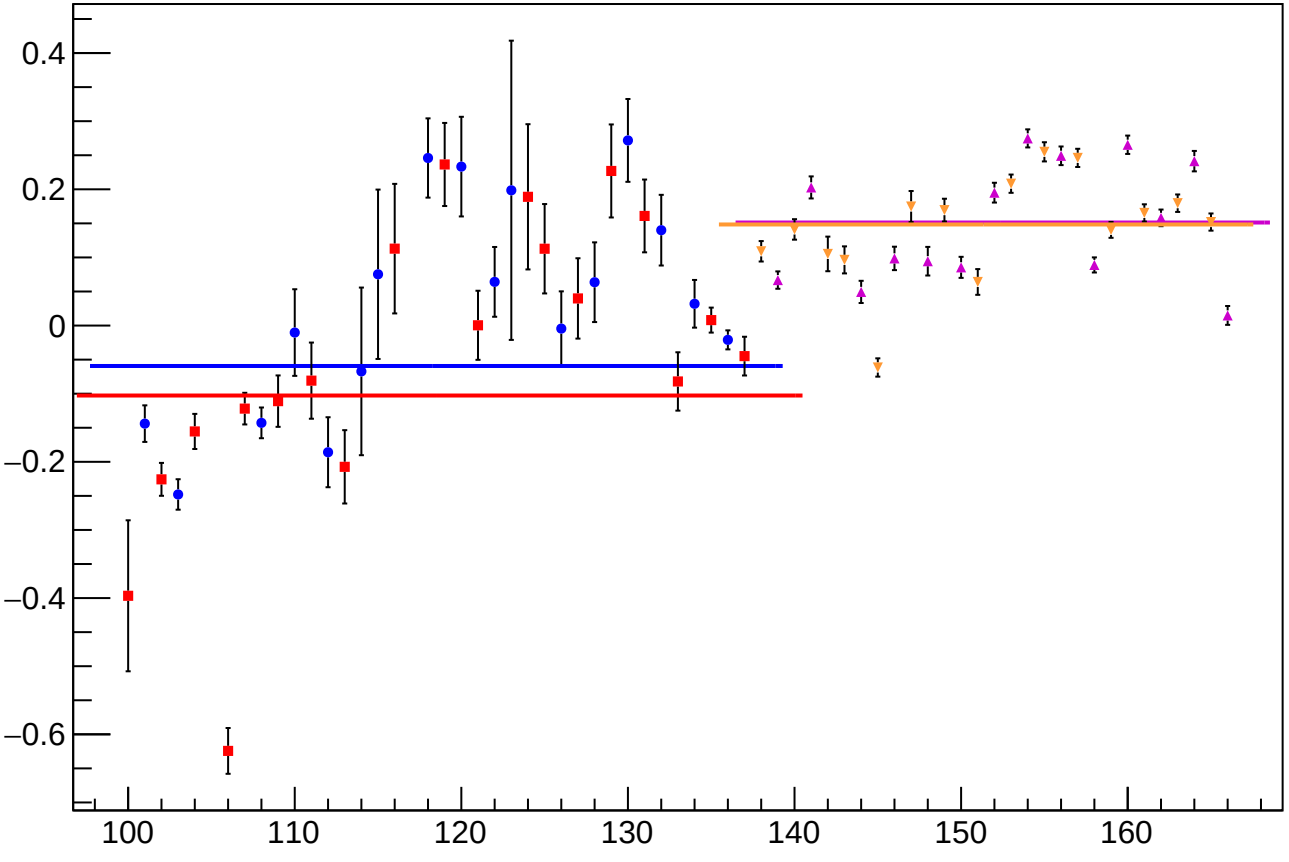
Right: -5.174+/-0.121 χ^2/NDF: 4175.8/35

In: -7.403+/-0.075 χ^2/NDF:3356.3/30

Out: -7.555+/-0.075 χ^2/NDF:2922.4/33

All: -7.479+/-0.053 χ^2/NDF: 6280.8/64

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: 0.148+/-0.004 χ^2/NDF:422.5/14

Right Out: -0.103+/-0.008 χ^2/NDF: 435.5/18

Left In: 0.151+/-0.004 χ^2/NDF:511.8/13

Left: 0.150+/-0.003 χ^2/NDF: 934.6/28

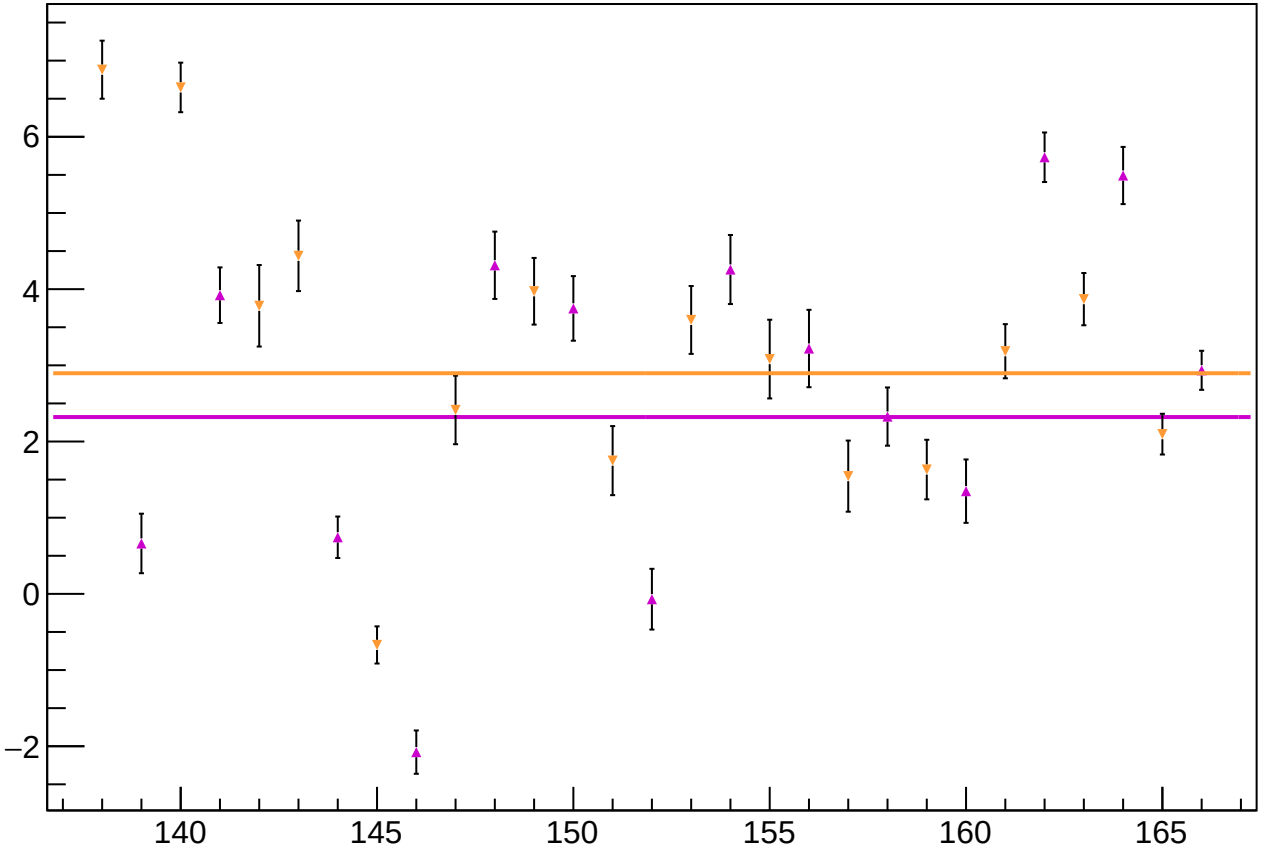
Right: -0.081+/-0.006 χ^2/NDF: 666.4/35

In: 0.115+/-0.003 χ^2/NDF:1252.3/30

Out: 0.106+/-0.003 χ^2/NDF:1596.2/33

All: 0.111+/-0.002 χ^2/NDF: 2852.4/64

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: 2.897+/-0.097 χ^2/NDF:522.8/14

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

Left In: 2.321+/-0.095 χ^2/NDF:591.4/13

Left: 2.604+/-0.068 χ^2/NDF: 1132.1/28

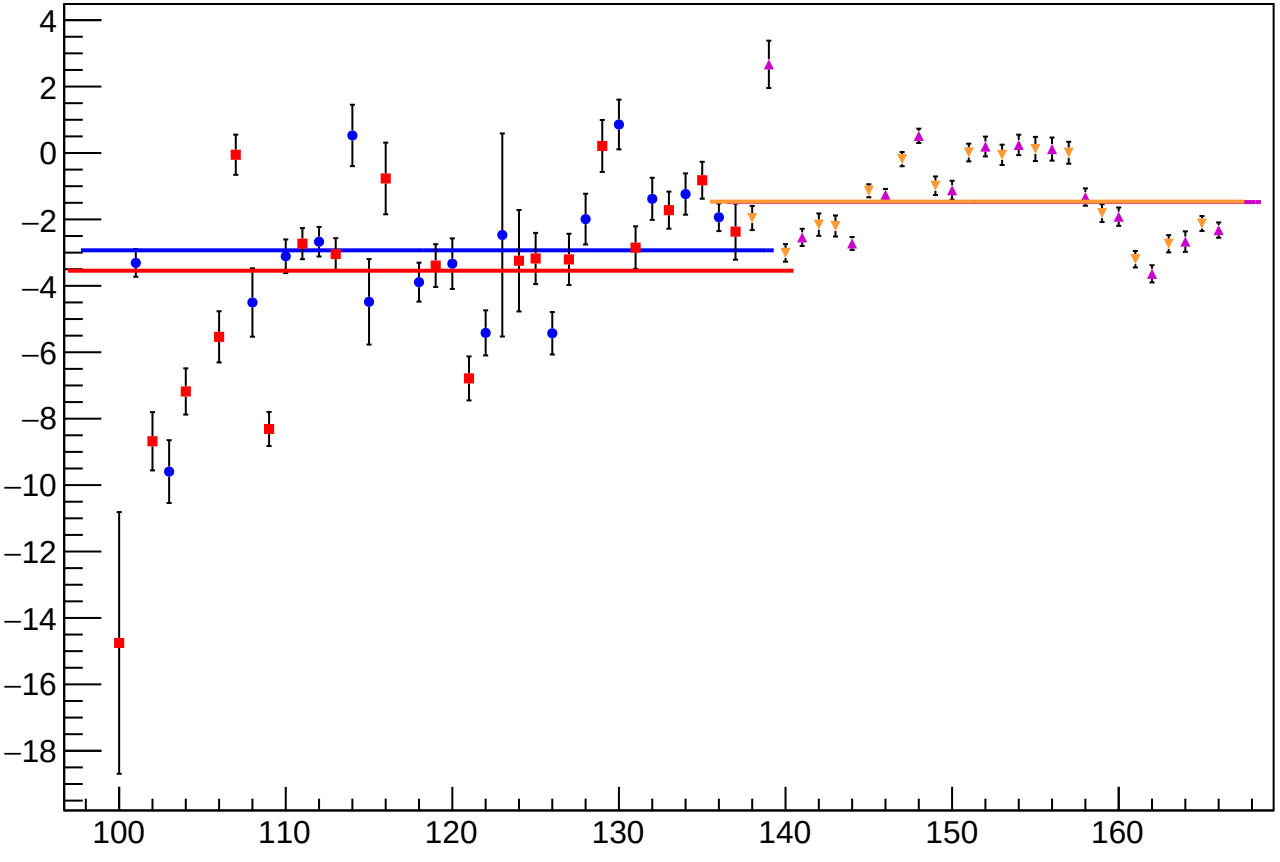
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.321+/-0.095 χ^2/NDF:591.4/13

Out: 2.897+/-0.097 χ^2/NDF:522.8/14

All: 2.604+/-0.068 χ^2/NDF: 1132.1/28

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: -1.464+/-0.069 χ^2/NDF:260.7/14

Right Out: -3.544+/-0.155 χ^2/NDF: 291.7/18

Left In: -1.478+/-0.069 χ^2/NDF:365.0/13

Left: -1.471+/-0.049 χ^2/NDF: 625.7/28

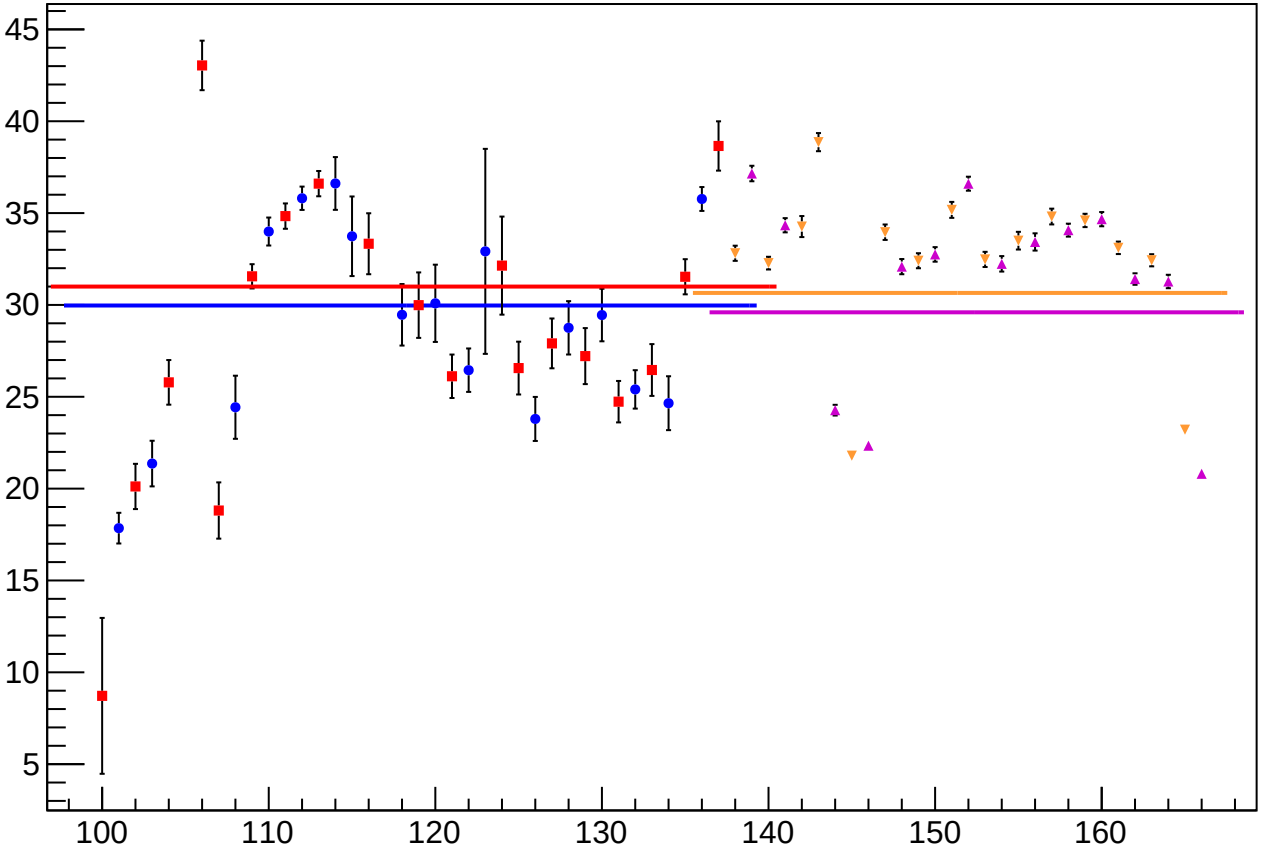
Right: -3.236+/-0.109 χ^2/NDF: 446.1/35

In: -1.719+/-0.063 χ^2/NDF:585.8/30

Out: -1.813+/-0.063 χ^2/NDF:702.9/33

All: -1.766+/-0.045 χ^2/NDF: 1289.8/64

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: 30.654+/-0.096 χ^2/NDF:2850.4/14

Right Out: 31.000+/-0.260 χ^2/NDF: 479.5/18

Left In: 29.598+/-0.094 χ^2/NDF:3578.2/13

Left: 30.113+/-0.067 χ^2/NDF: 6490.4/28

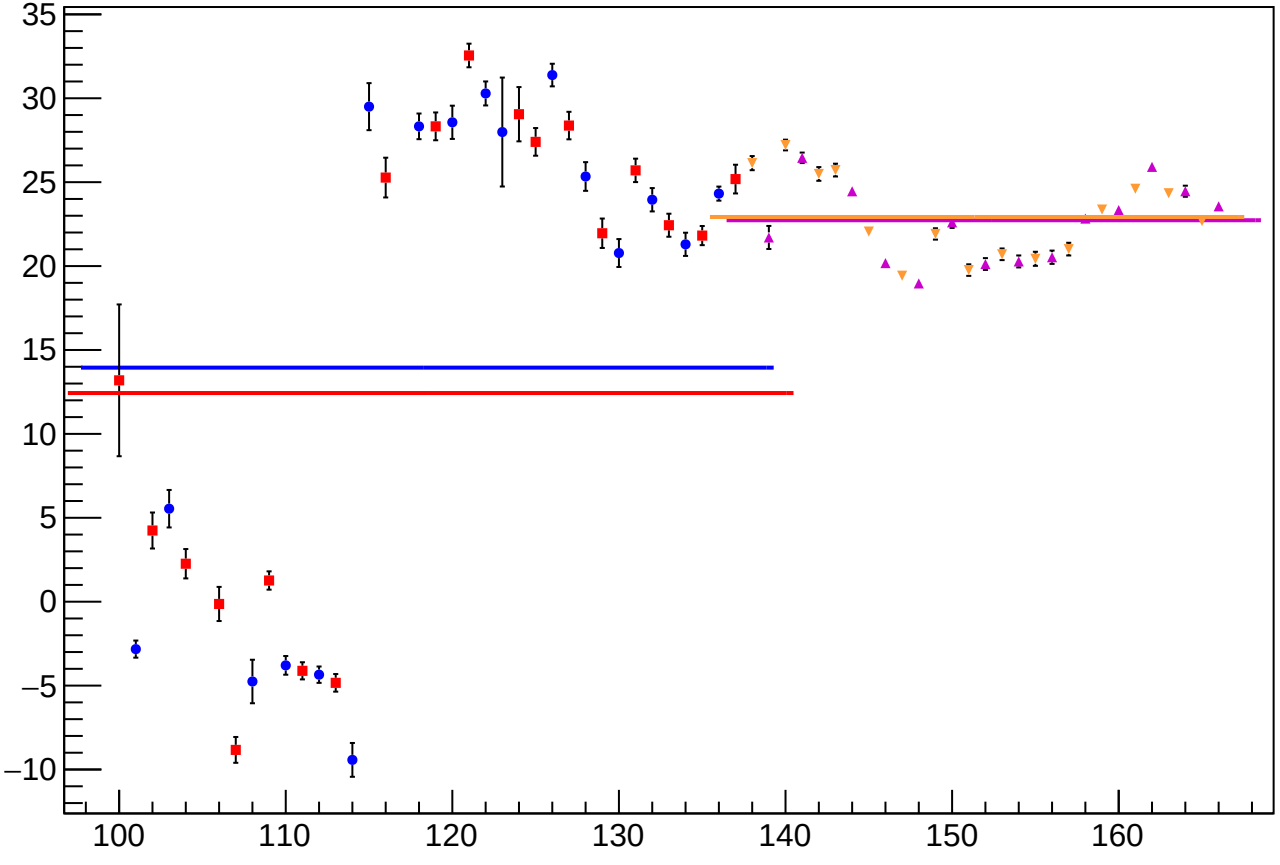
Right: 30.497+/-0.186 χ^2/NDF: 1041.5/35

In: 29.639+/-0.088 χ^2/NDF:4134.2/30

Out: 30.695+/-0.090 χ^2/NDF:3331.4/33

All: 30.157+/-0.063 χ^2/NDF: 7535.7/64

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948+/-0.172 χ^2/NDF: 7391.9/16

Left Out: 22.926+/-0.080 χ^2/NDF:752.3/14

Right Out: 12.435+/-0.174 χ^2/NDF: 6962.9/18

Left In: 22.731+/-0.080 χ^2/NDF:807.0/13

Left: 22.828+/-0.057 χ^2/NDF: 1562.2/28

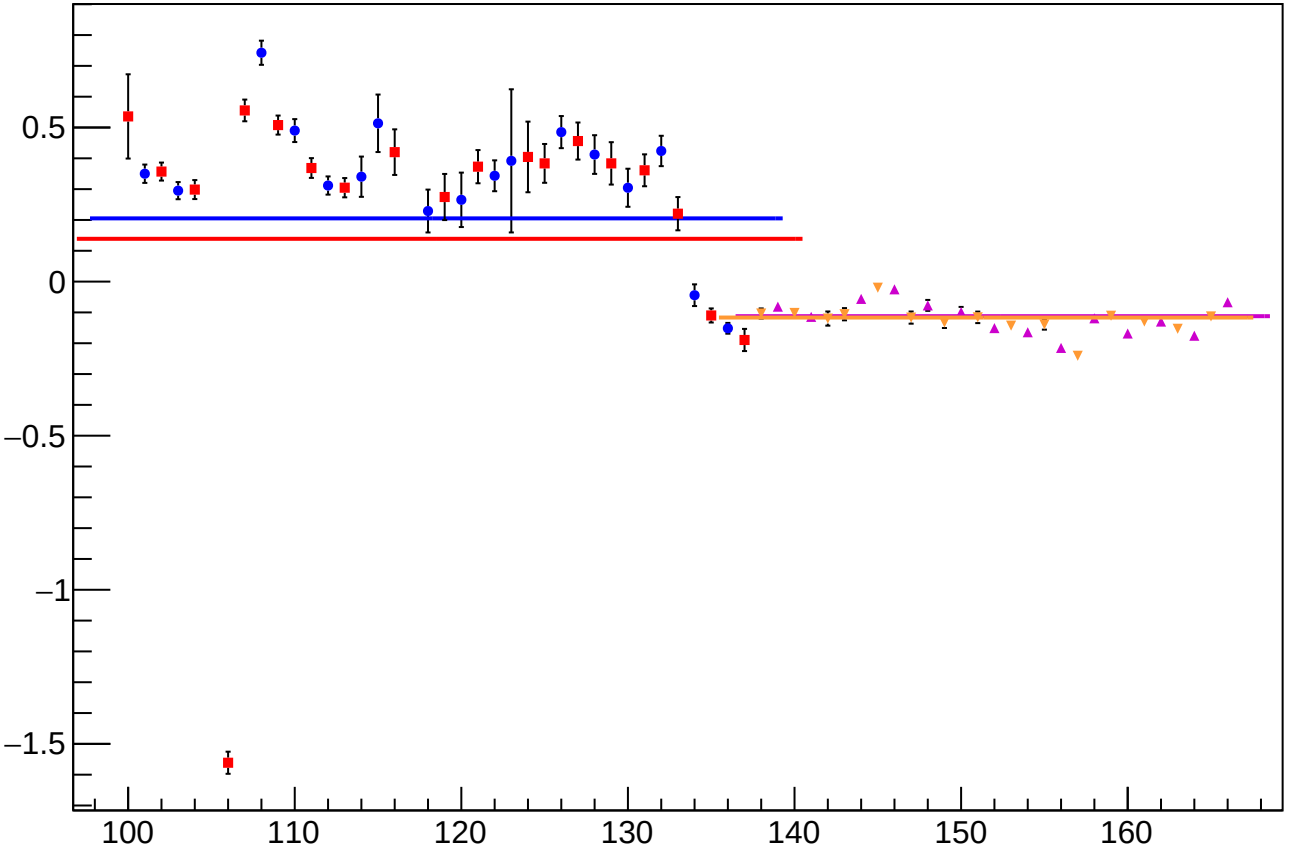
Right: 13.199+/-0.122 χ^2/NDF: 14393.1/35

In: 21.182+/-0.072 χ^2/NDF:10347.7/30

Out: 21.079+/-0.073 χ^2/NDF:10721.6/33

All: 21.131+/-0.051 χ^2/NDF: 21070.3/64

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: -0.117+/-0.004 χ^2/NDF:180.7/14

Right Out: 0.139+/-0.009 χ^2/NDF: 3016.8/18

Left In: -0.112+/-0.004 χ^2/NDF:190.1/13

Left: -0.114+/-0.003 χ^2/NDF: 371.5/28

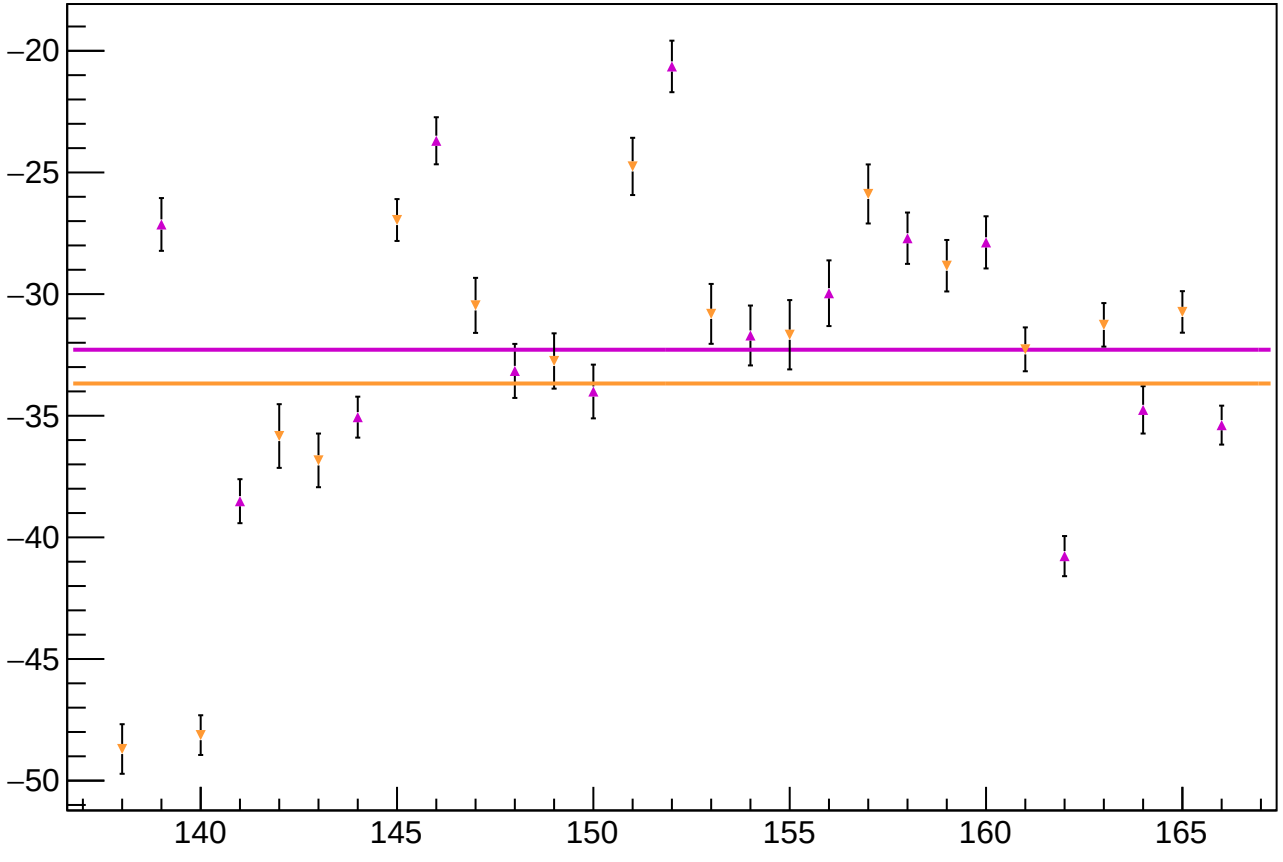
Right: 0.171+/-0.007 χ^2/NDF: 3888.5/35

In: -0.068+/-0.003 χ^2/NDF:2026.0/30

Out: -0.080+/-0.003 χ^2/NDF:3858.3/33

All: -0.074+/-0.002 χ^2/NDF: 5889.9/64

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: -33.675+/-0.267 χ^2/NDF:759.8/14

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

Left In: -32.287+/-0.266 χ^2/NDF:449.7/13

Left: -32.979+/-0.188 χ^2/NDF: 1223.2/28

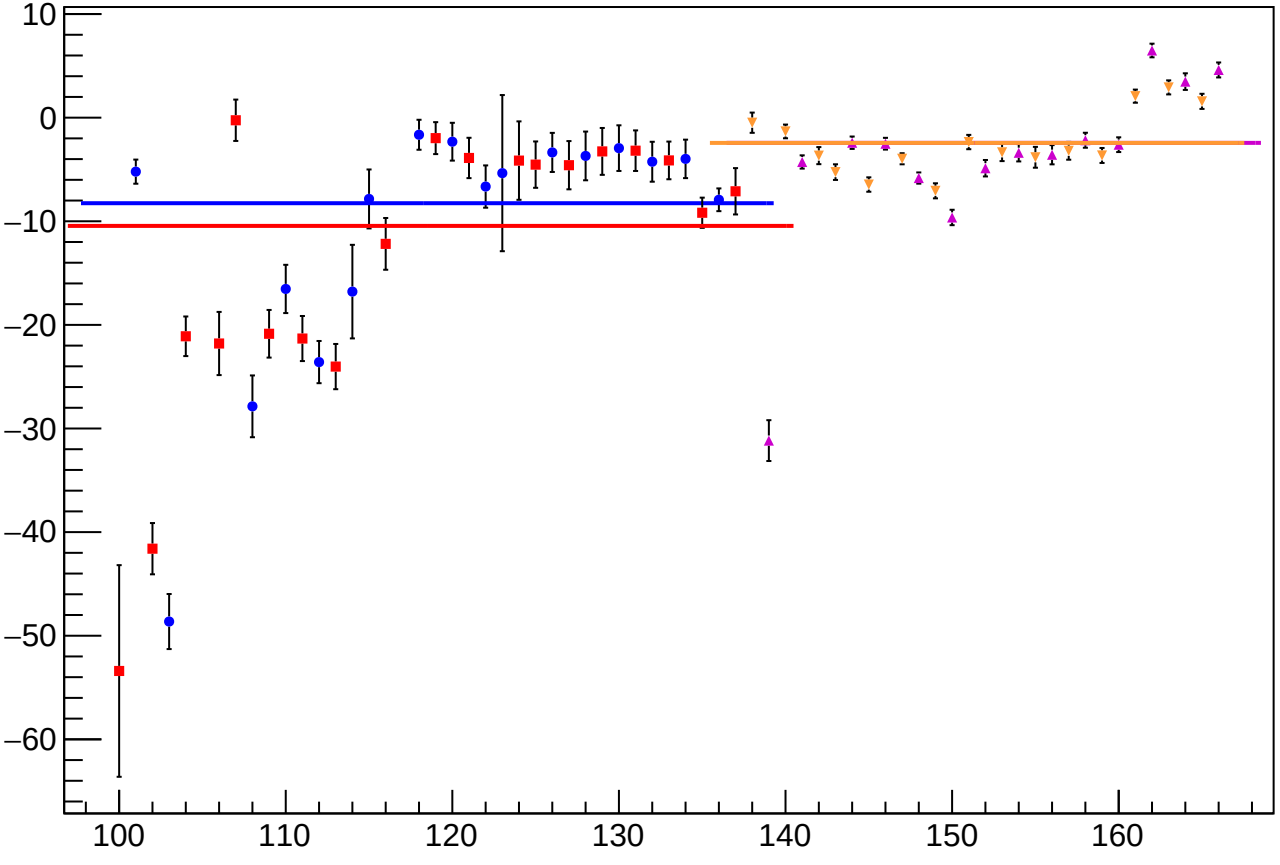
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -32.287+/-0.266 χ^2/NDF:449.7/13

Out: -33.675+/-0.267 χ^2/NDF:759.8/14

All: -32.979+/-0.188 χ^2/NDF: 1223.2/28

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: -2.436+/-0.188 χ^2/NDF:254.9/14

Right Out: -10.446+/-0.491 χ^2/NDF: 428.4/18

Left In: -2.433+/-0.190 χ^2/NDF:699.1/13

Left: -2.435+/-0.134 χ^2/NDF: 954.0/28

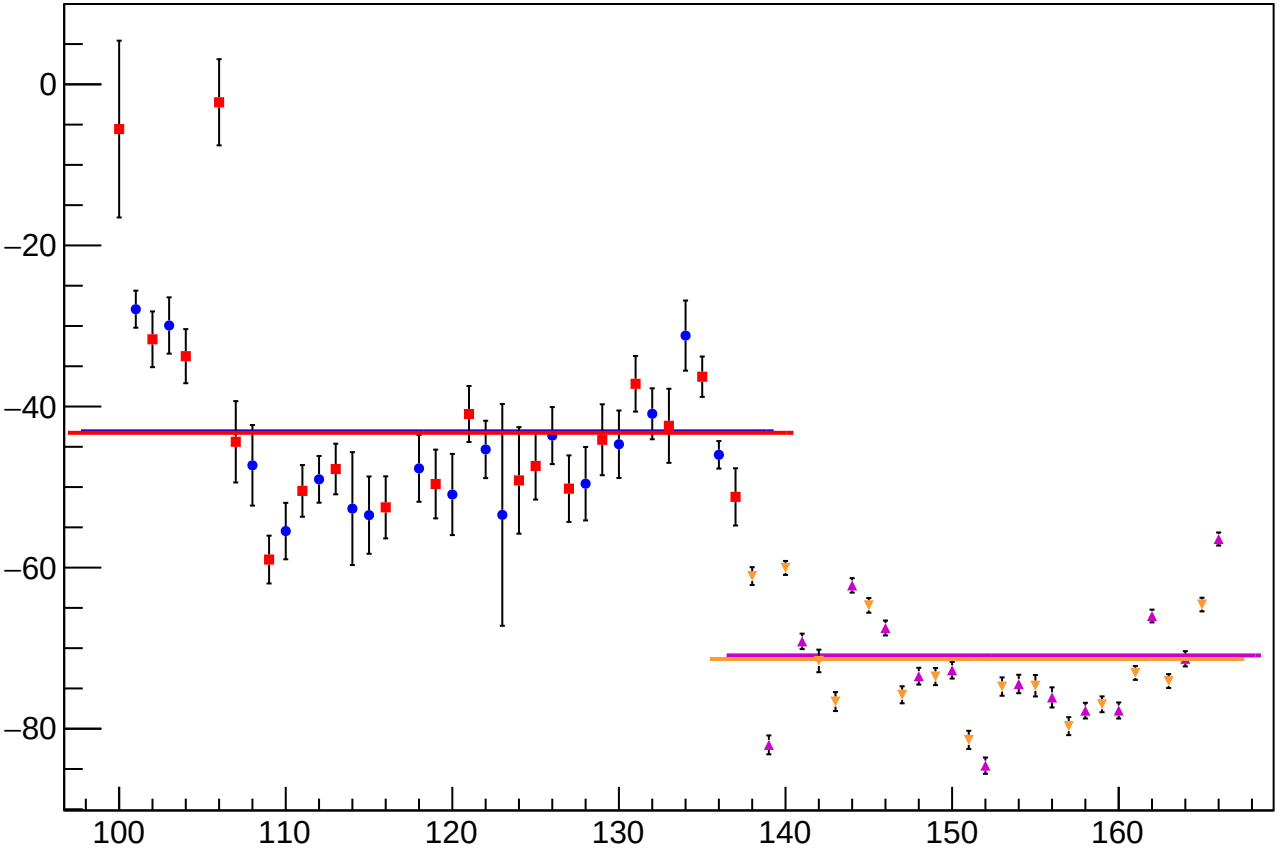
Right: -9.285+/-0.337 χ^2/NDF: 851.1/35

In: -3.276+/-0.176 χ^2/NDF:1247.1/30

Out: -3.460+/-0.176 χ^2/NDF:915.2/33

All: -3.368+/-0.124 χ^2/NDF: 2162.9/64

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.082+/-0.834 χ^2/NDF: 99.2/16

Left Out: -71.345+/-0.264 χ^2/NDF:611.7/14

Right Out: -43.262+/-0.866 χ^2/NDF: 154.2/18

Left In: -70.899+/-0.261 χ^2/NDF:867.9/13

Left: -71.120+/-0.185 χ^2/NDF: 1481.1/28

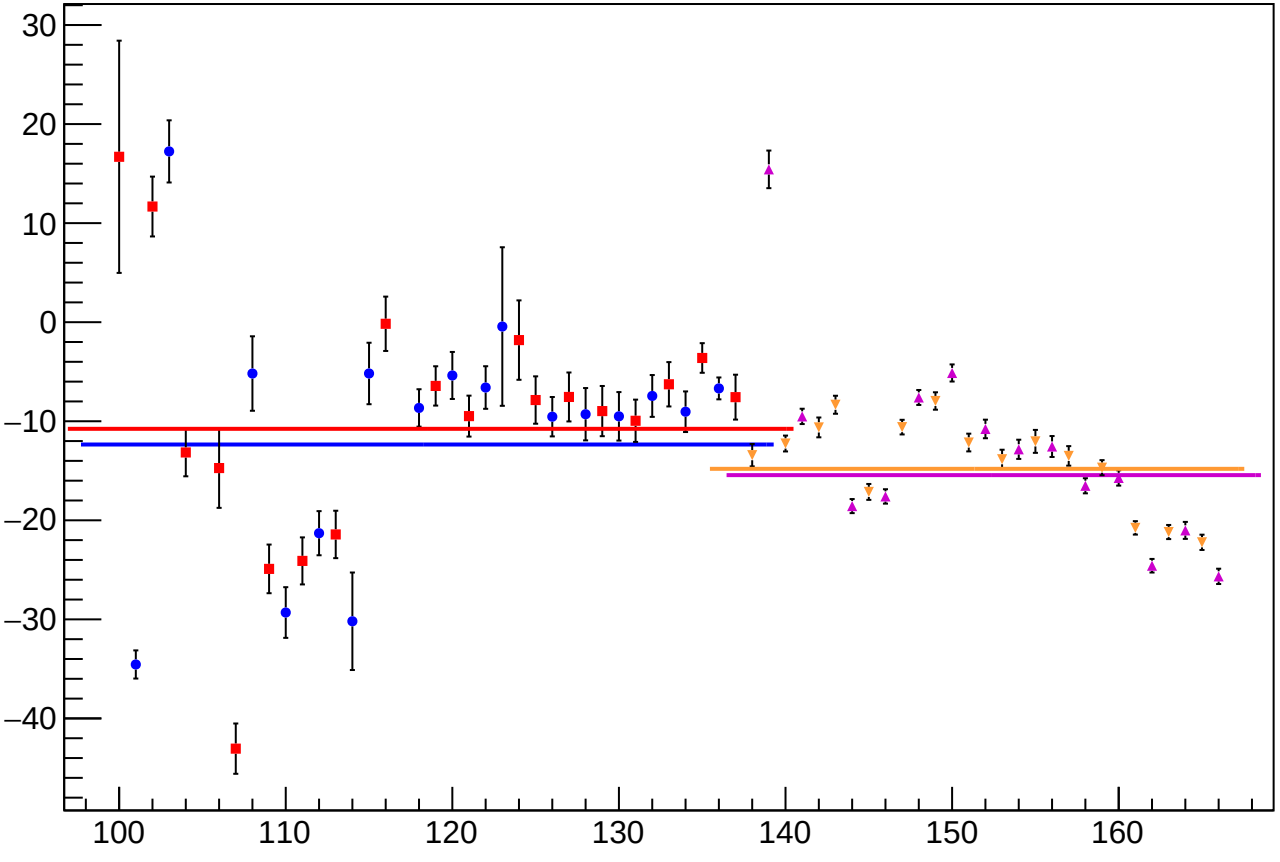
Right: -43.169+/-0.601 χ^2/NDF: 253.4/35

In: -68.423+/-0.249 χ^2/NDF:1980.0/30

Out: -68.965+/-0.252 χ^2/NDF:1727.4/33

All: -68.690+/-0.177 χ^2/NDF: 3709.7/64

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: -14.803+/-0.219 χ^2/NDF:448.4/14

Right Out: -10.765+/-0.554 χ^2/NDF: 366.6/18

Left In: -15.439+/-0.221 χ^2/NDF:1038.1/13

Left: -15.118+/-0.155 χ^2/NDF: 1490.7/28

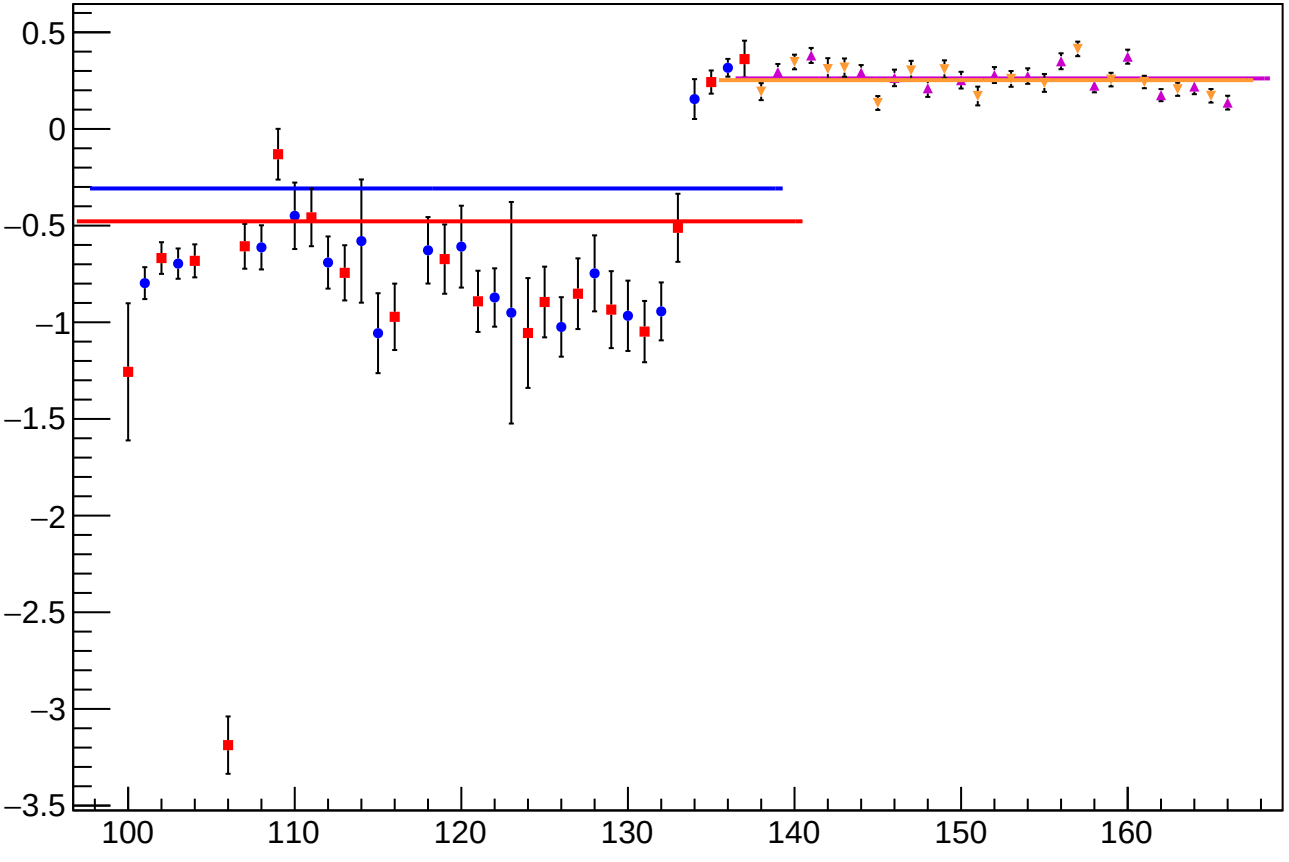
Right: -11.606+/-0.379 χ^2/NDF: 846.9/35

In: -14.967+/-0.203 χ^2/NDF:1544.0/30

Out: -14.257+/-0.204 χ^2/NDF:861.1/33

All: -14.613+/-0.144 χ^2/NDF: 2411.2/64

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: 0.252+/-0.010 χ^2/NDF:52.9/14

Right Out: -0.478+/-0.029 χ^2/NDF: 631.2/18

Left In: 0.261+/-0.010 χ^2/NDF:48.5/13

Left: 0.257+/-0.007 χ^2/NDF: 101.9/28

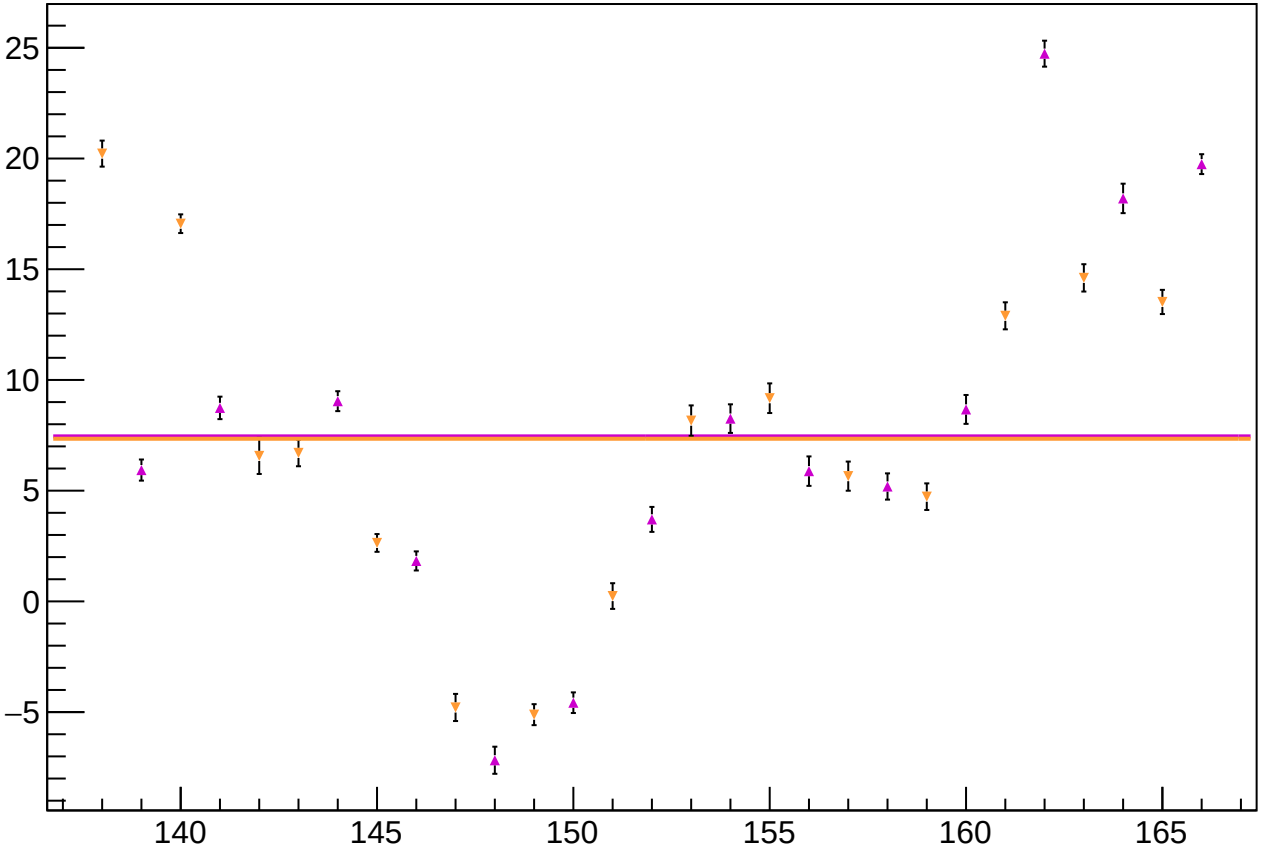
Right: -0.390+/-0.020 χ^2/NDF: 1022.0/35

In: 0.190+/-0.010 χ^2/NDF:795.7/30

Out: 0.167+/-0.010 χ^2/NDF:1262.6/33

All: 0.179+/-0.007 χ^2/NDF: 2061.2/64

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: 7.345+/-0.146 χ^2/NDF:2766.7/14

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

Left In: 7.452+/-0.143 χ^2/NDF:3385.8/13

Left: 7.400+/-0.102 χ^2/NDF: 6152.8/28

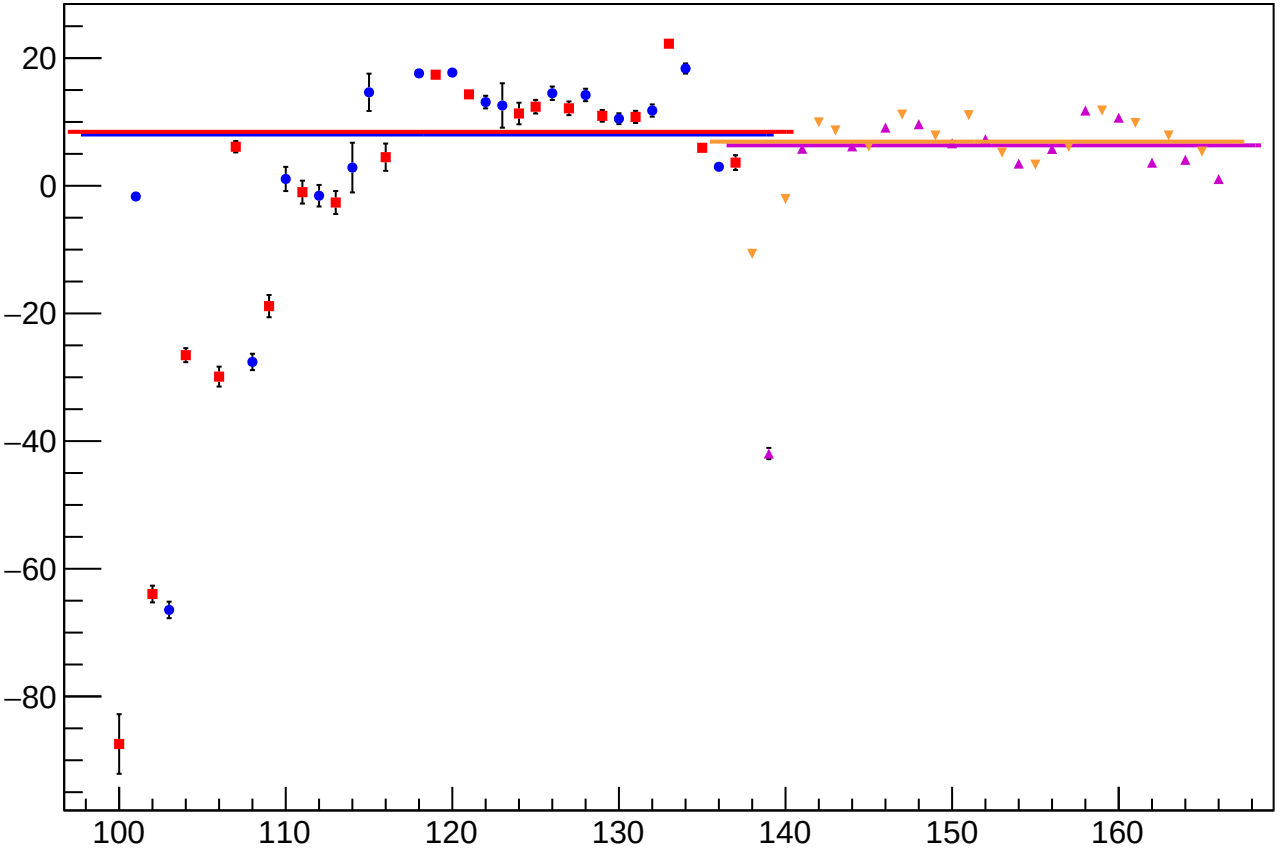
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.452+/-0.143 χ^2/NDF:3385.8/13

Out: 7.345+/-0.146 χ^2/NDF:2766.7/14

All: 7.400+/-0.102 χ^2/NDF: 6152.8/28

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036+/-0.215 χ^2/NDF: 5369.4/16

Left Out: 6.918+/-0.103 χ^2/NDF:2223.2/14

Right Out: 8.454+/-0.213 χ^2/NDF: 6704.4/18

Left In: 6.336+/-0.104 χ^2/NDF:3783.5/13

Left: 6.629+/-0.073 χ^2/NDF: 6022.6/28

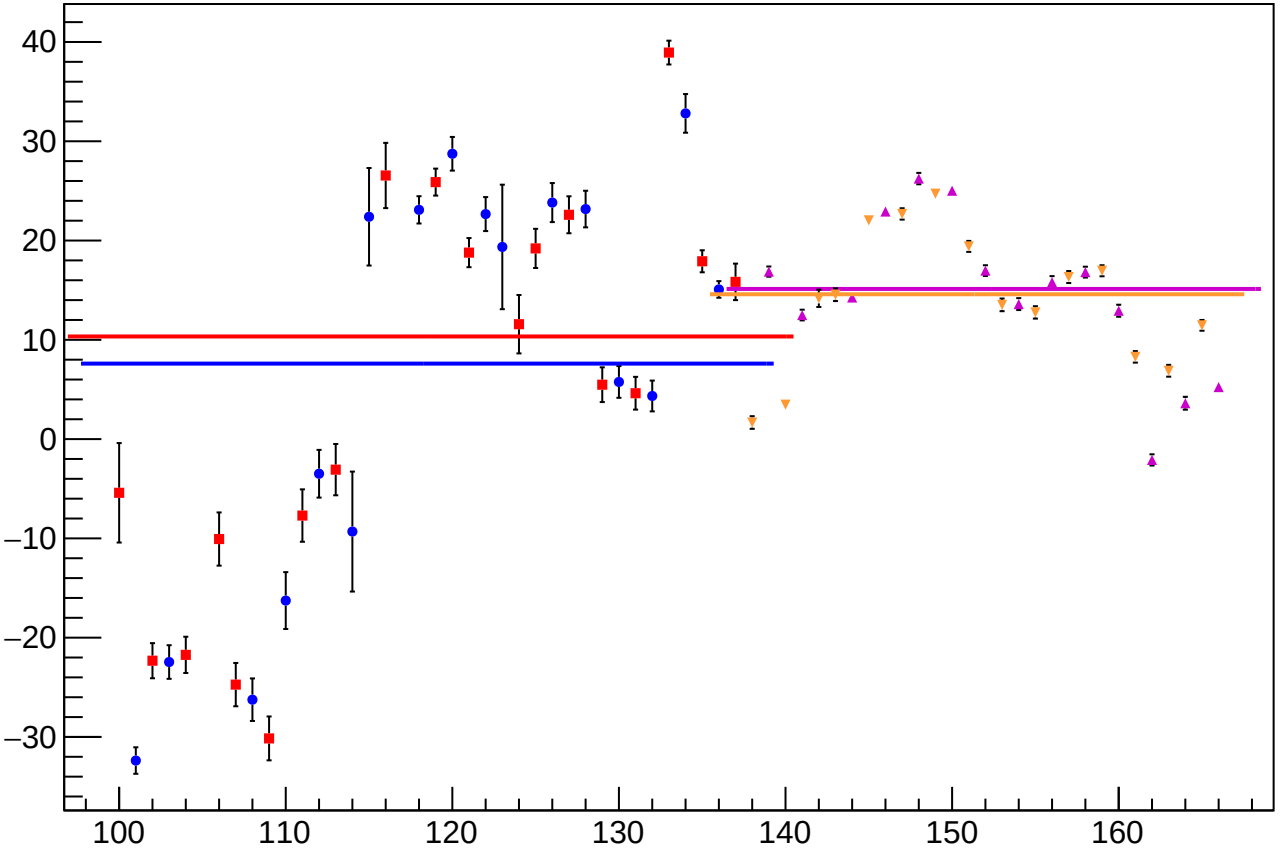
Right: 8.247+/-0.151 χ^2/NDF: 12075.7/35

In: 6.656+/-0.093 χ^2/NDF:9203.6/30

Out: 7.208+/-0.093 χ^2/NDF:8969.7/33

All: 6.934+/-0.066 χ^2/NDF: 18190.9/64

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: 14.589+/-0.144 χ^2/NDF:2484.9/14

Right Out: 10.337+/-0.416 χ^2/NDF: 2281.8/18

Left In: 15.126+/-0.140 χ^2/NDF:3038.2/13

Left: 14.865+/-0.100 χ^2/NDF: 5530.2/28

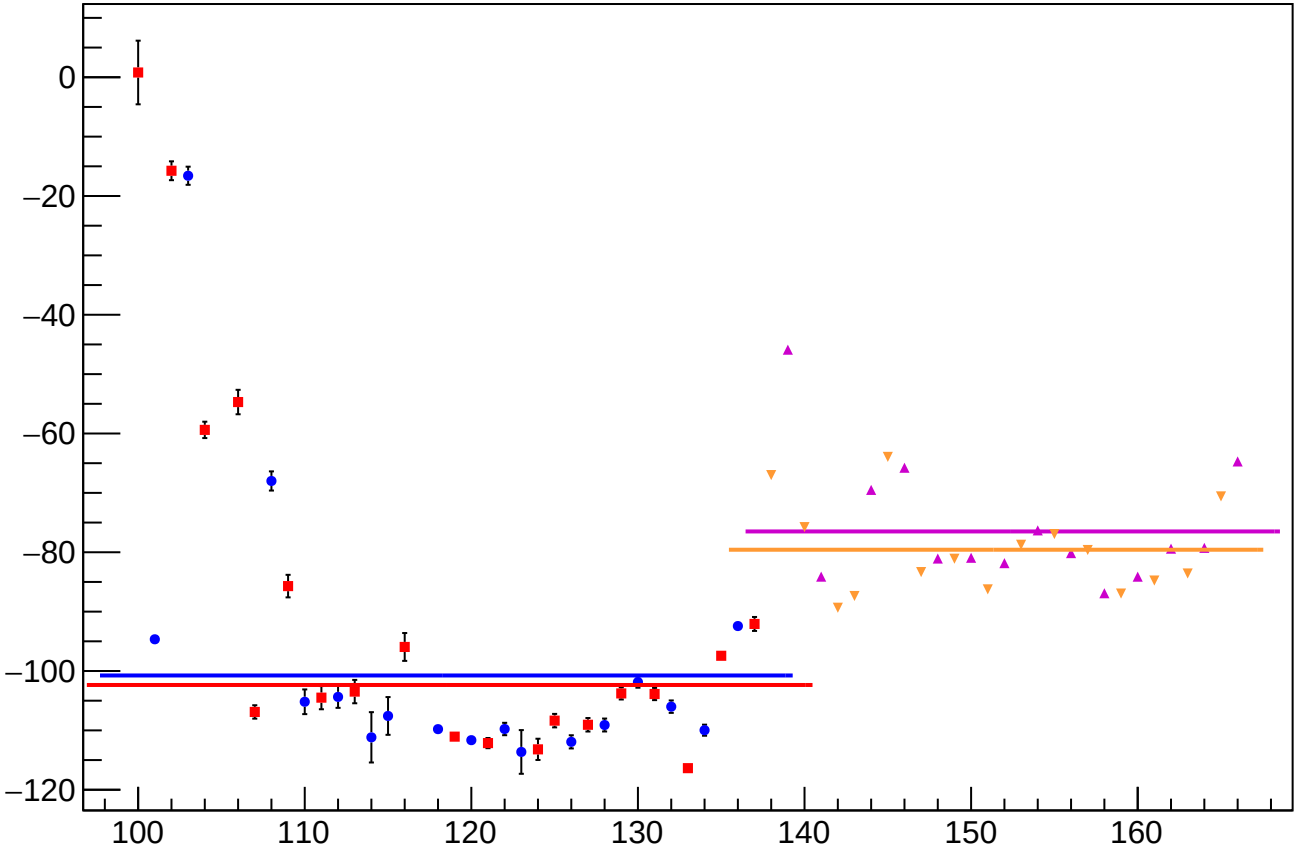
Right: 8.969+/-0.294 χ^2/NDF: 4628.4/35

In: 14.358+/-0.133 χ^2/NDF:5657.0/30

Out: 14.135+/-0.136 χ^2/NDF:4859.9/33

All: 14.249+/-0.095 χ^2/NDF: 10518.3/64

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: -79.575+/-0.121 χ^2/NDF:3792.2/14

Right Out: -102.354+/-0.246 χ^2/NDF: 6078.9/18

Left In: -76.495+/-0.120 χ^2/NDF:4989.9/13

Left: -78.033+/-0.085 χ^2/NDF: 9108.8/28

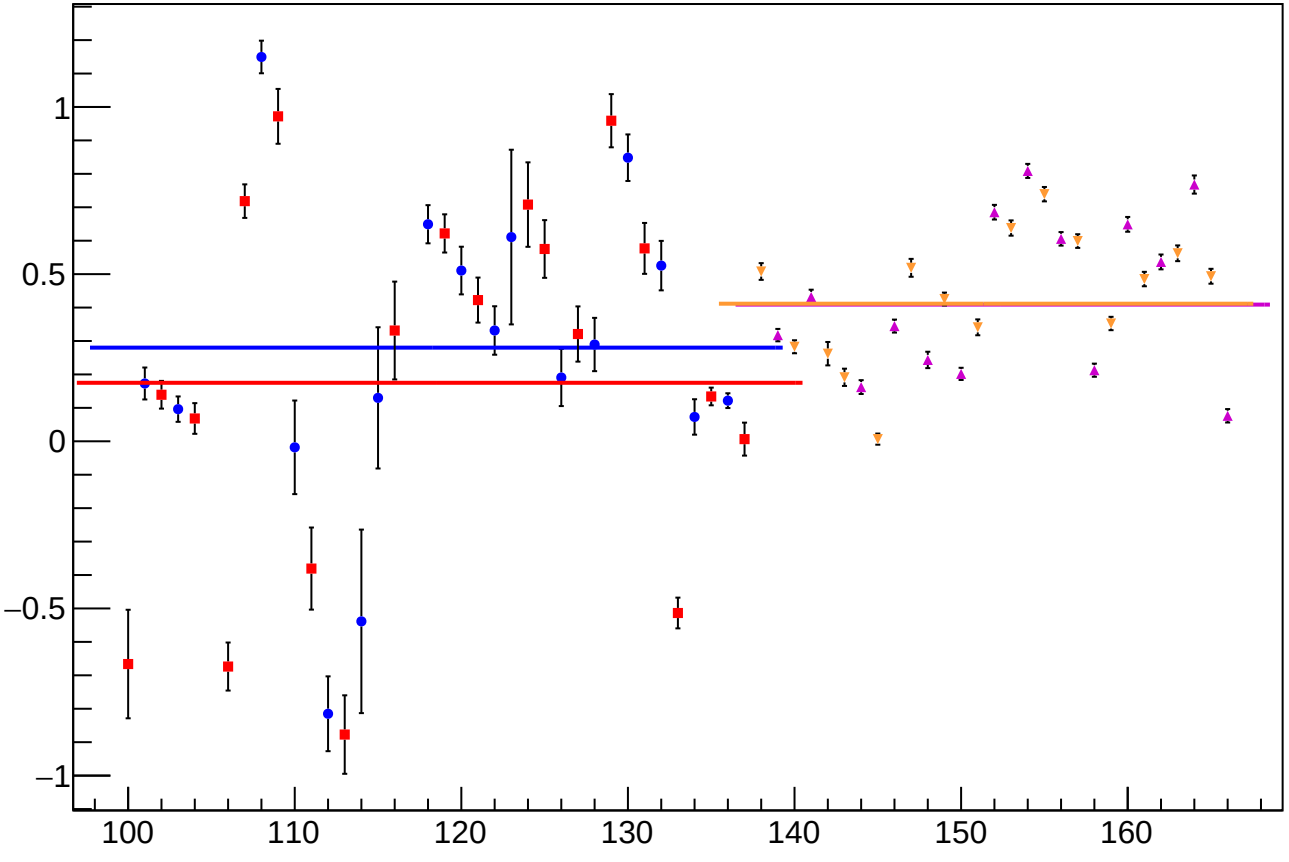
Right: -101.559+/-0.175 χ^2/NDF: 10622.5/35

In: -81.122+/-0.108 χ^2/NDF:17254.7/30

Out: -83.982+/-0.108 χ^2/NDF:16773.6/33

All: -82.552+/-0.077 χ^2/NDF: 34377.2/64

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: 0.412+/-0.006 χ^2/NDF:1254.4/14

Right Out: 0.175+/-0.013 χ^2/NDF: 966.7/18

Left In: 0.409+/-0.006 χ^2/NDF:1665.1/13

Left: 0.410+/-0.004 χ^2/NDF: 2919.7/28

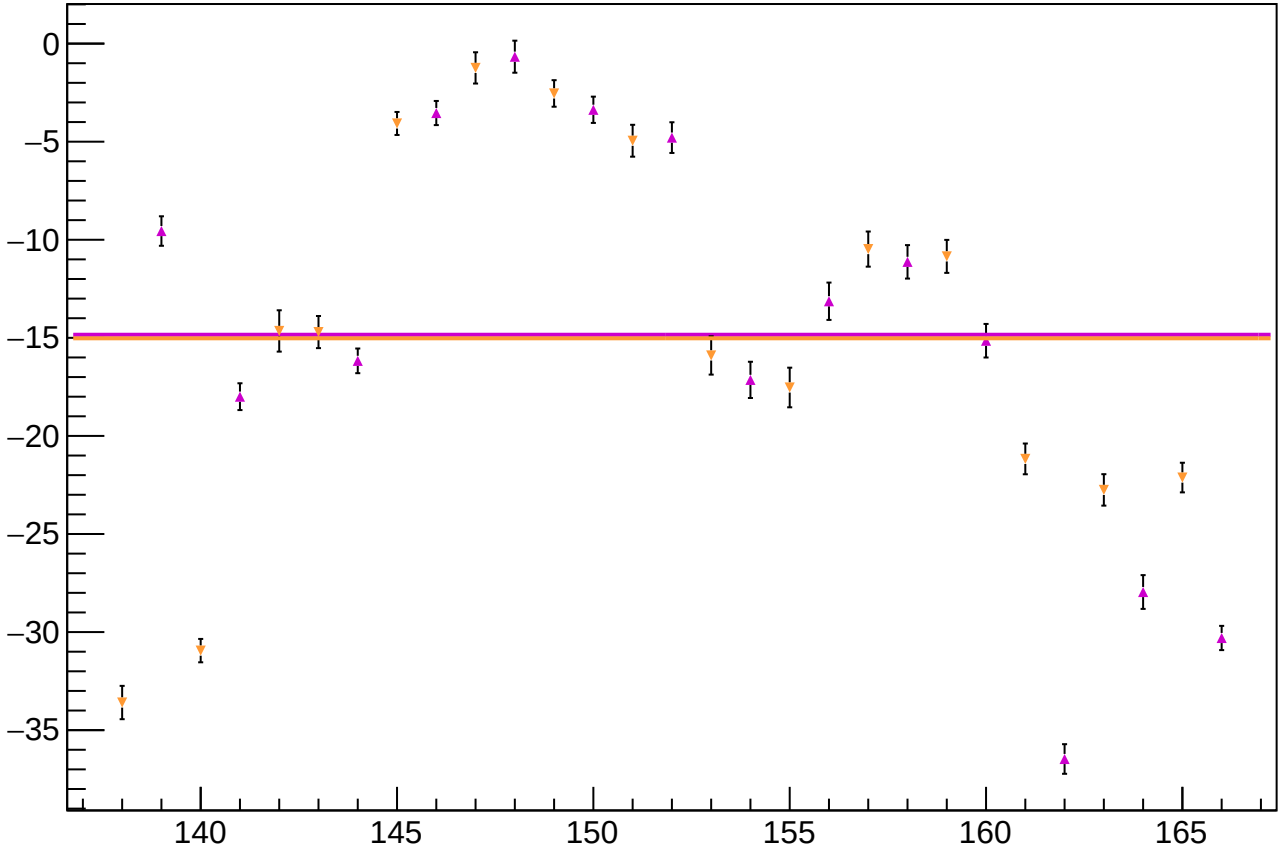
Right: 0.227+/-0.010 χ^2/NDF: 1653.2/35

In: 0.390+/-0.005 χ^2/NDF:2399.0/30

Out: 0.376+/-0.005 χ^2/NDF:2483.9/33

All: 0.383+/-0.004 χ^2/NDF: 4886.6/64

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: -15.024+/-0.202 χ^2/NDF:2633.3/14

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

Left In: -14.842+/-0.199 χ^2/NDF:2879.0/13

Left: -14.932+/-0.142 χ^2/NDF: 5512.6/28

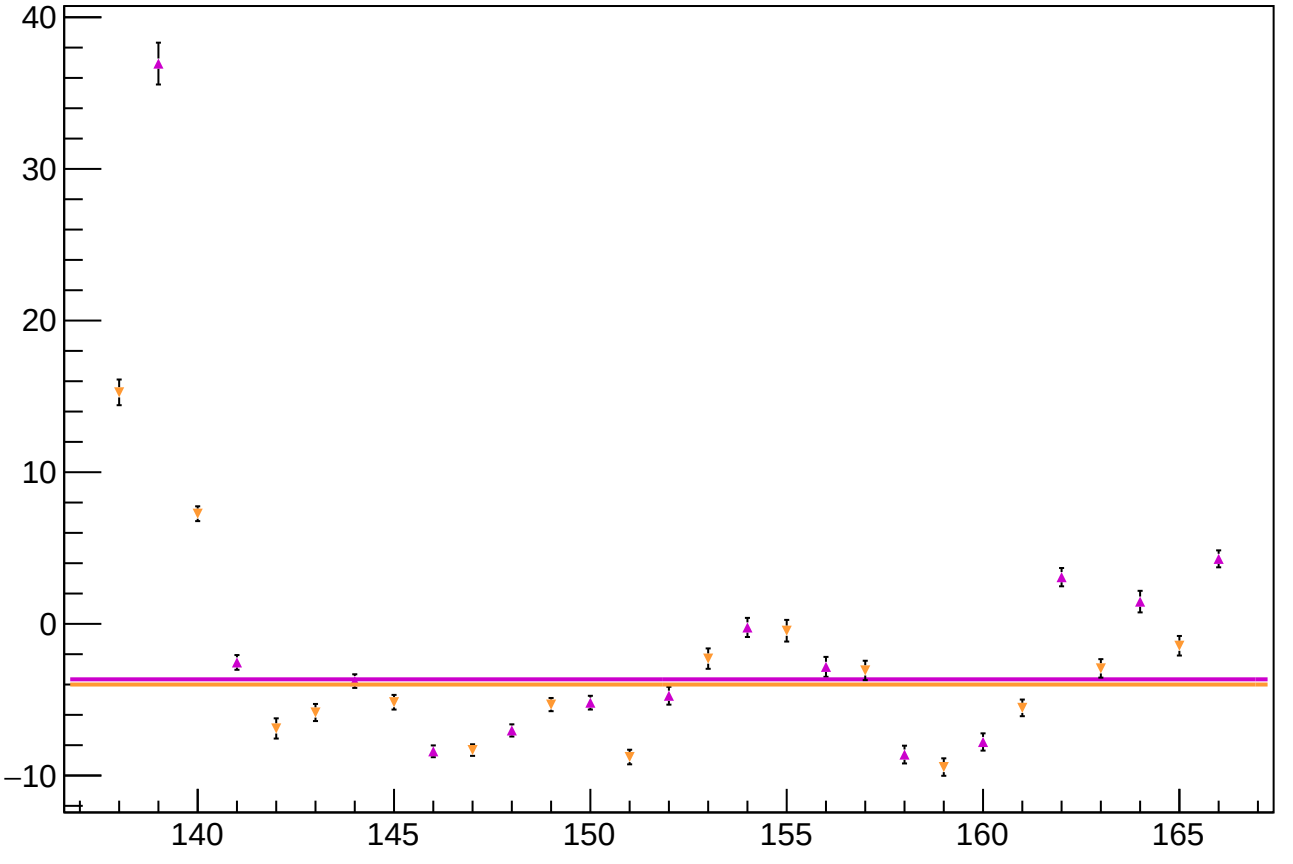
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.842+/-0.199 χ^2/NDF:2879.0/13

Out: -15.024+/-0.202 χ^2/NDF:2633.3/14

All: -14.932+/-0.142 χ^2/NDF: 5512.6/28

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: -4.001+/-0.142 χ^2/NDF:1469.1/14

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

Left In: -3.656+/-0.143 χ^2/NDF:1640.1/13

Left: -3.830+/-0.101 χ^2/NDF: 3112.2/28

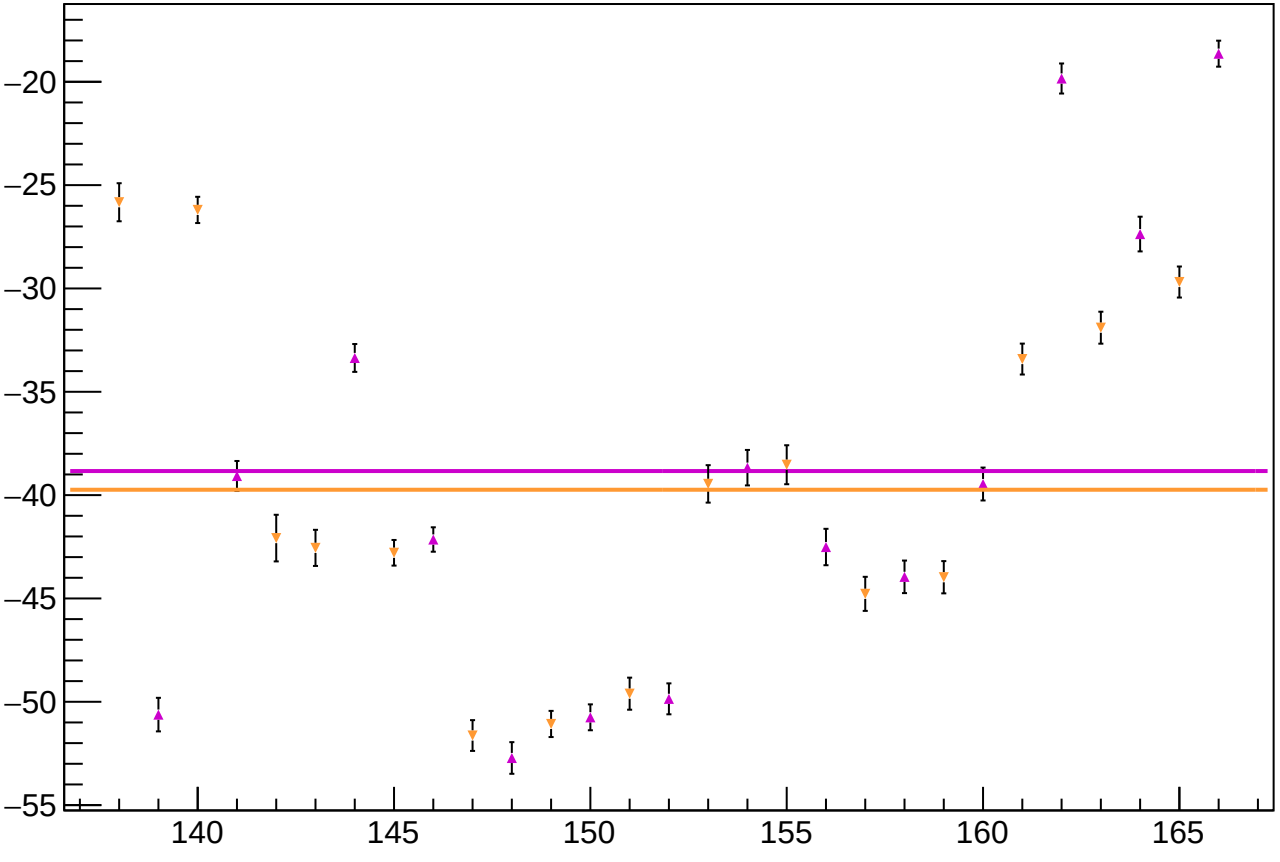
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -3.656+/-0.143 χ^2/NDF:1640.1/13

Out: -4.001+/-0.142 χ^2/NDF:1469.1/14

All: -3.830+/-0.101 χ^2/NDF: 3112.2/28

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: -39.740+/-0.200 χ^2/NDF:1881.5/14

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

Left In: -38.835+/-0.195 χ^2/NDF:3174.2/13

Left: -39.277+/-0.140 χ^2/NDF: 5066.3/28

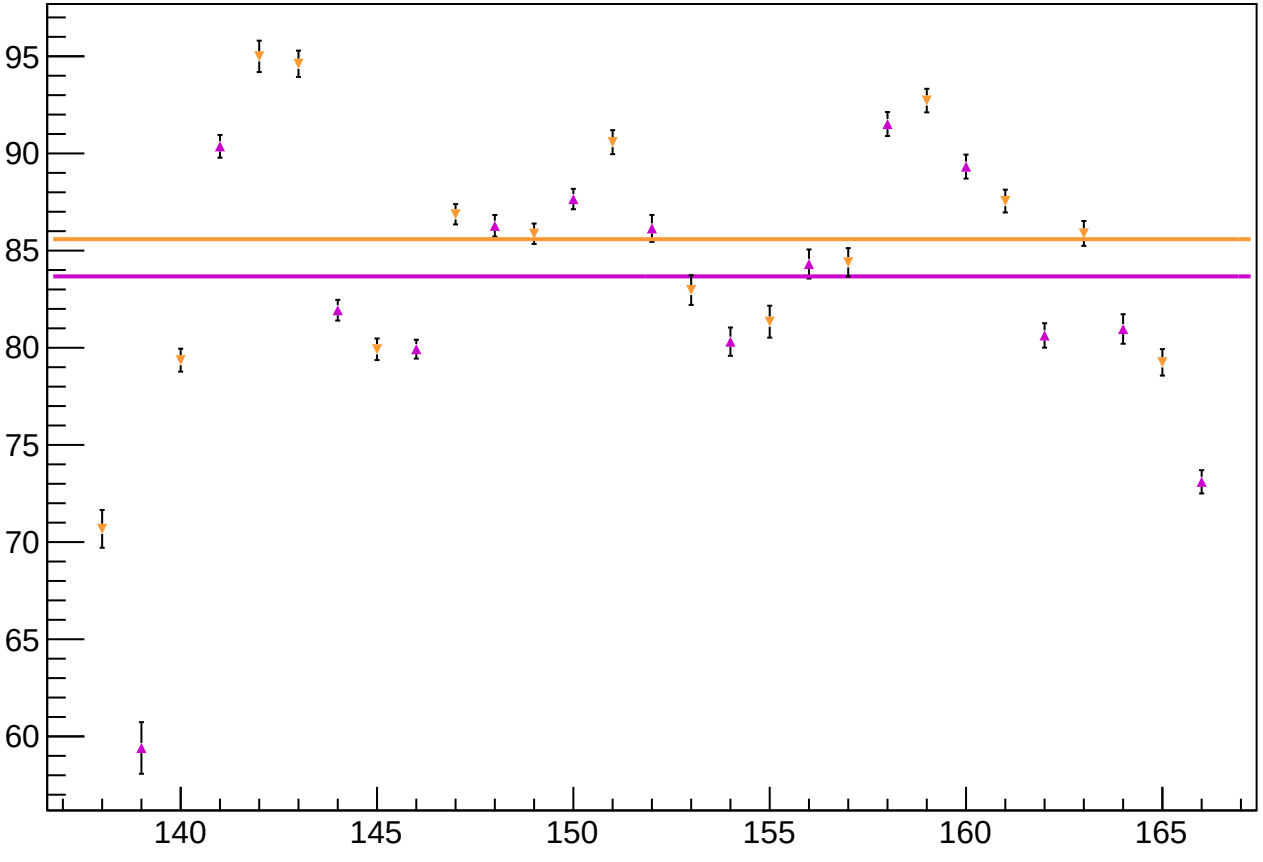
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -38.835+/-0.195 χ^2/NDF:3174.2/13

Out: -39.740+/-0.200 χ^2/NDF:1881.5/14

All: -39.277+/-0.140 χ^2/NDF: 5066.3/28

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 85.589+/-0.166 χ^2/NDF:1114.1/14

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

Left In: 83.673+/-0.166 χ^2/NDF:1240.3/13

Left: 84.630+/-0.118 χ^2/NDF: 2420.7/28

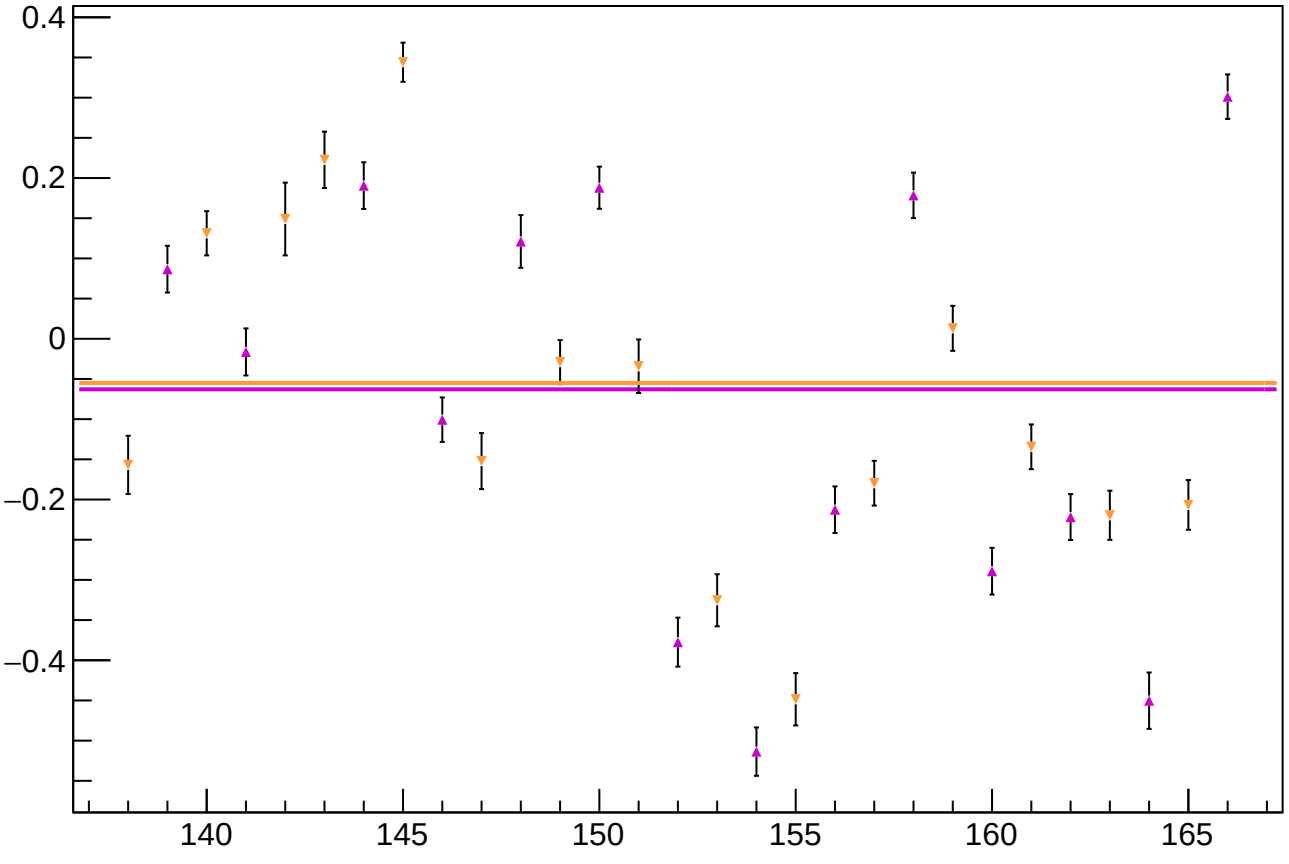
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 83.673+/-0.166 χ^2/NDF:1240.3/13

Out: 85.589+/-0.166 χ^2/NDF:1114.1/14

All: 84.630+/-0.118 χ^2/NDF: 2420.7/28

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: -0.055+/-0.008 χ^2/NDF:717.7/14

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

Left In: -0.063+/-0.008 χ^2/NDF:1046.6/13

Left: -0.059+/-0.006 χ^2/NDF: 1764.8/28

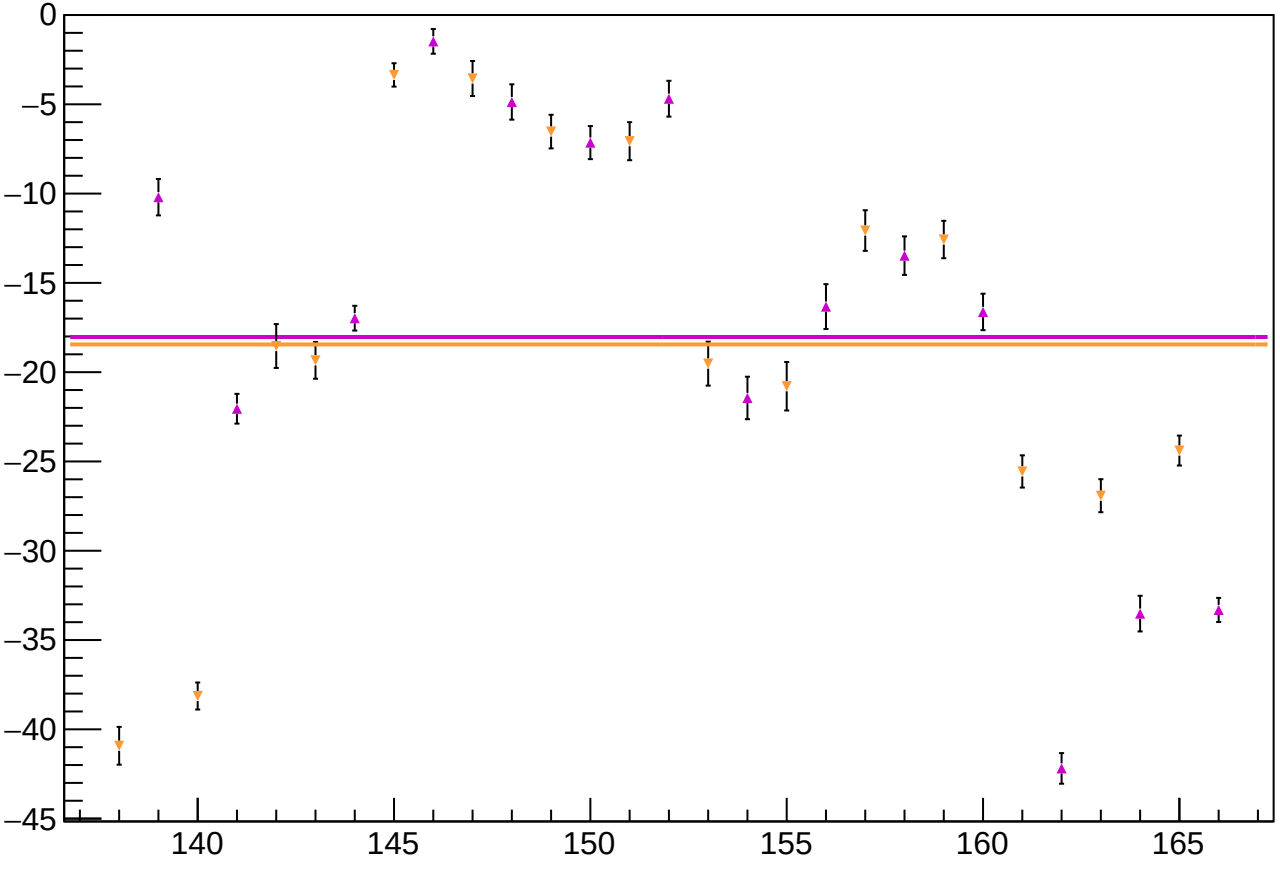
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.063+/-0.008 χ^2/NDF:1046.6/13

Out: -0.055+/-0.008 χ^2/NDF:717.7/14

All: -0.059+/-0.006 χ^2/NDF: 1764.8/28

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: -18.447+/-0.247 χ^2/NDF:2426.8/14

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

Left In: -18.030+/-0.239 χ^2/NDF:2722.7/13

Left: -18.232+/-0.172 χ^2/NDF: 5151.0/28

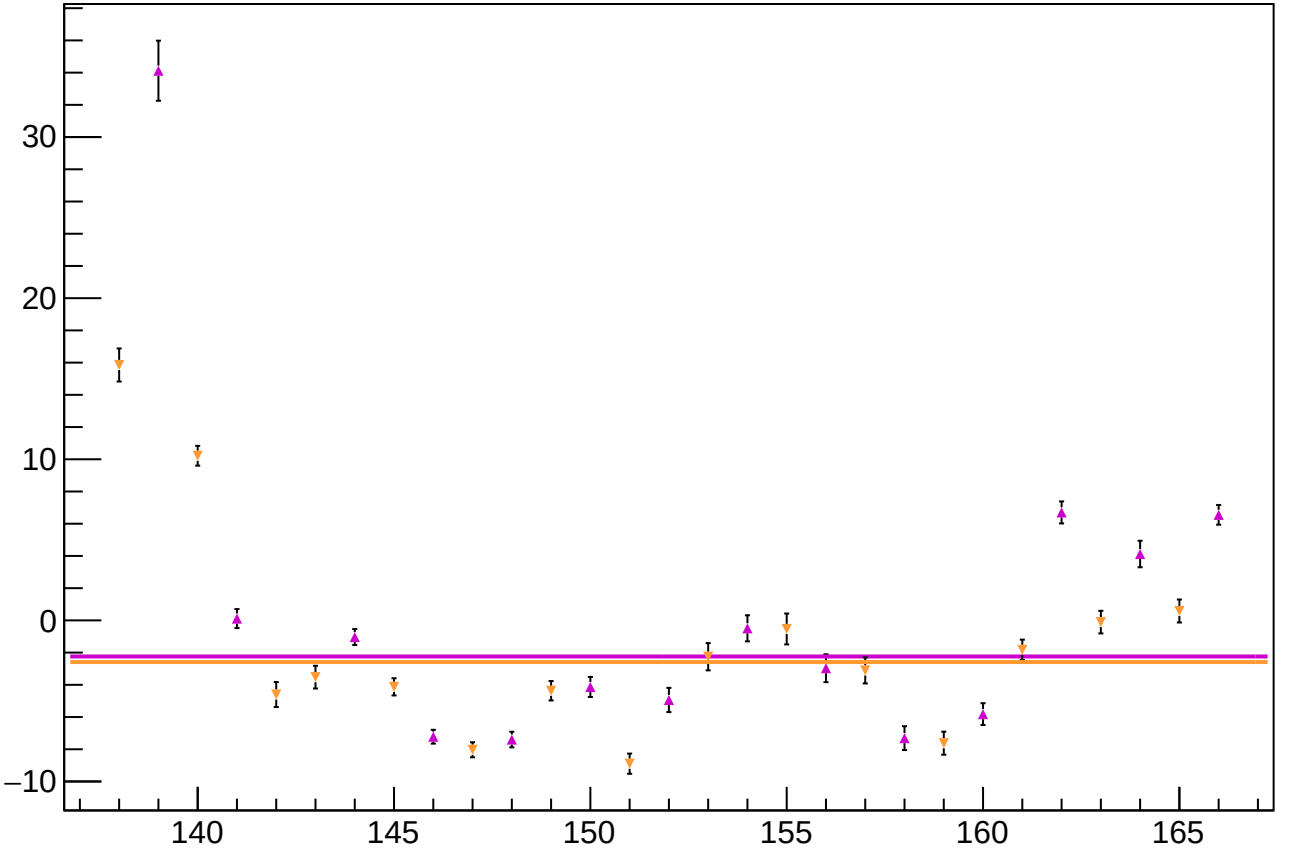
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.030+/-0.239 χ^2/NDF:2722.7/13

Out: -18.447+/-0.247 χ^2/NDF:2426.8/14

All: -18.232+/-0.172 χ^2/NDF: 5151.0/28

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -2.586+/-0.174 χ^2/NDF:1107.9/14

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

Left In: -2.241+/-0.170 χ^2/NDF:1191.0/13

Left: -2.410+/-0.122 χ^2/NDF: 2300.9/28

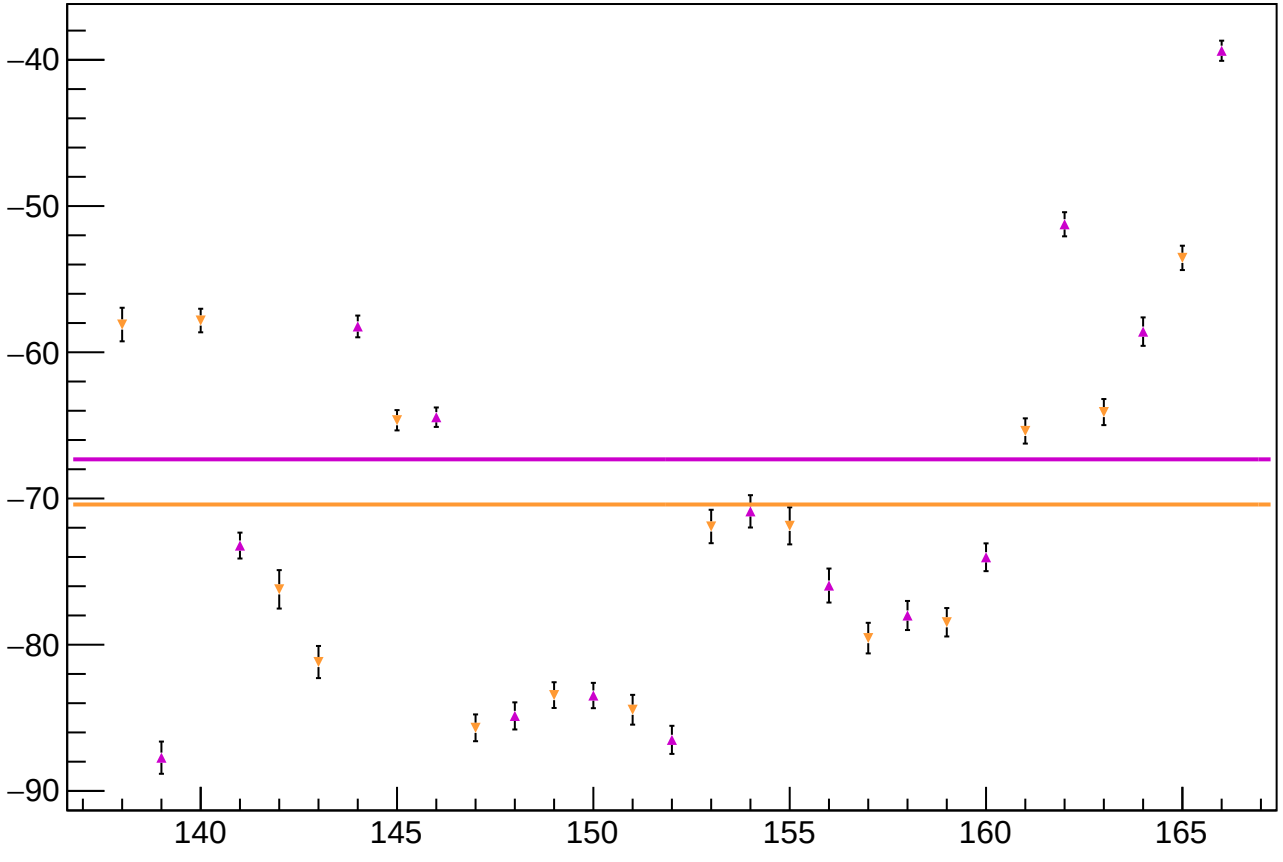
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.241+/-0.170 χ^2/NDF:1191.0/13

Out: -2.586+/-0.174 χ^2/NDF:1107.9/14

All: -2.410+/-0.122 χ^2/NDF: 2300.9/28

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: -70.411+/-0.245 χ^2/NDF:1872.6/14

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

Left In: -67.323+/-0.235 χ^2/NDF:3992.3/13

Left: -68.803+/-0.170 χ^2/NDF: 5947.4/28

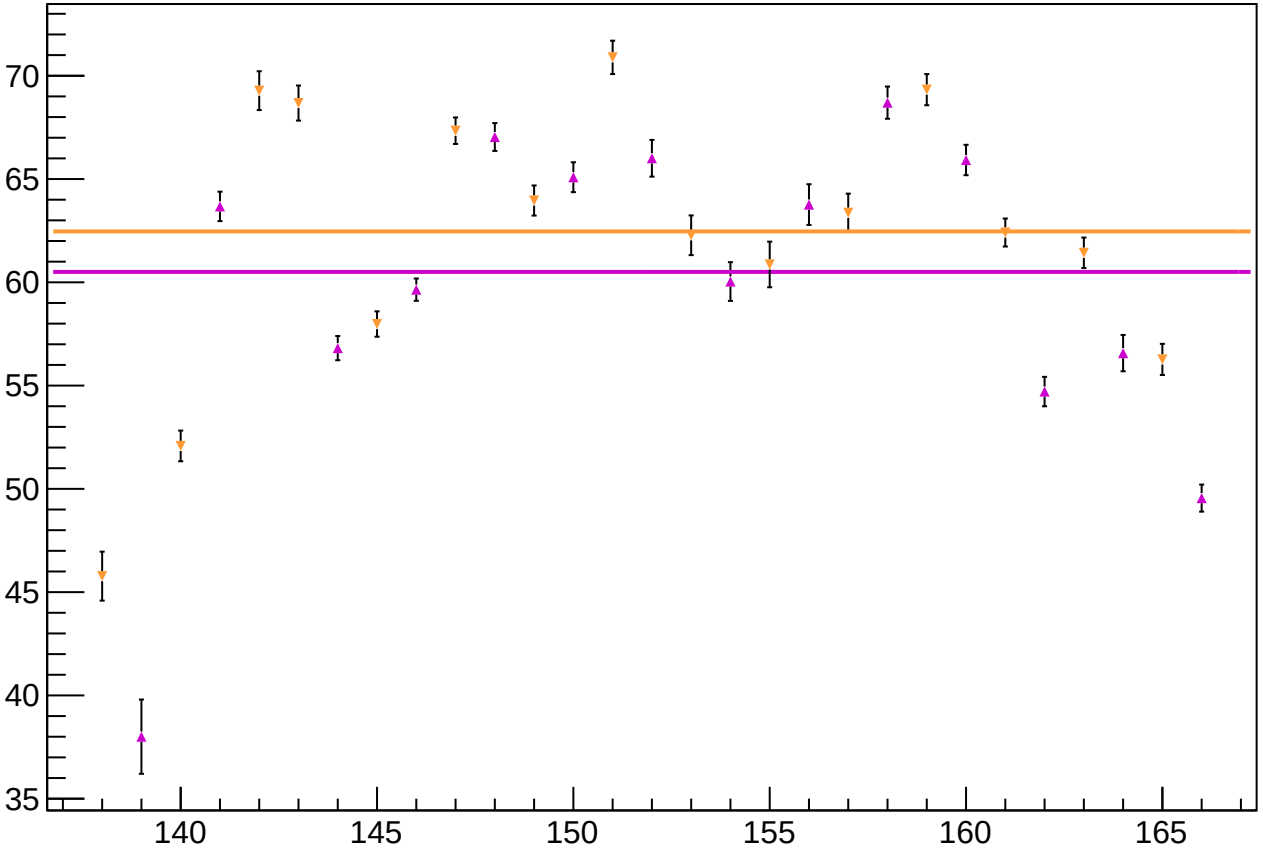
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -67.323+/-0.235 χ^2/NDF:3992.3/13

Out: -70.411+/-0.245 χ^2/NDF:1872.6/14

All: -68.803+/-0.170 χ^2/NDF: 5947.4/28

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 62.463+/-0.204 χ^2/NDF:878.6/14

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

Left In: 60.503+/-0.199 χ^2/NDF:932.2/13

Left: 61.461+/-0.142 χ^2/NDF: 1858.3/28

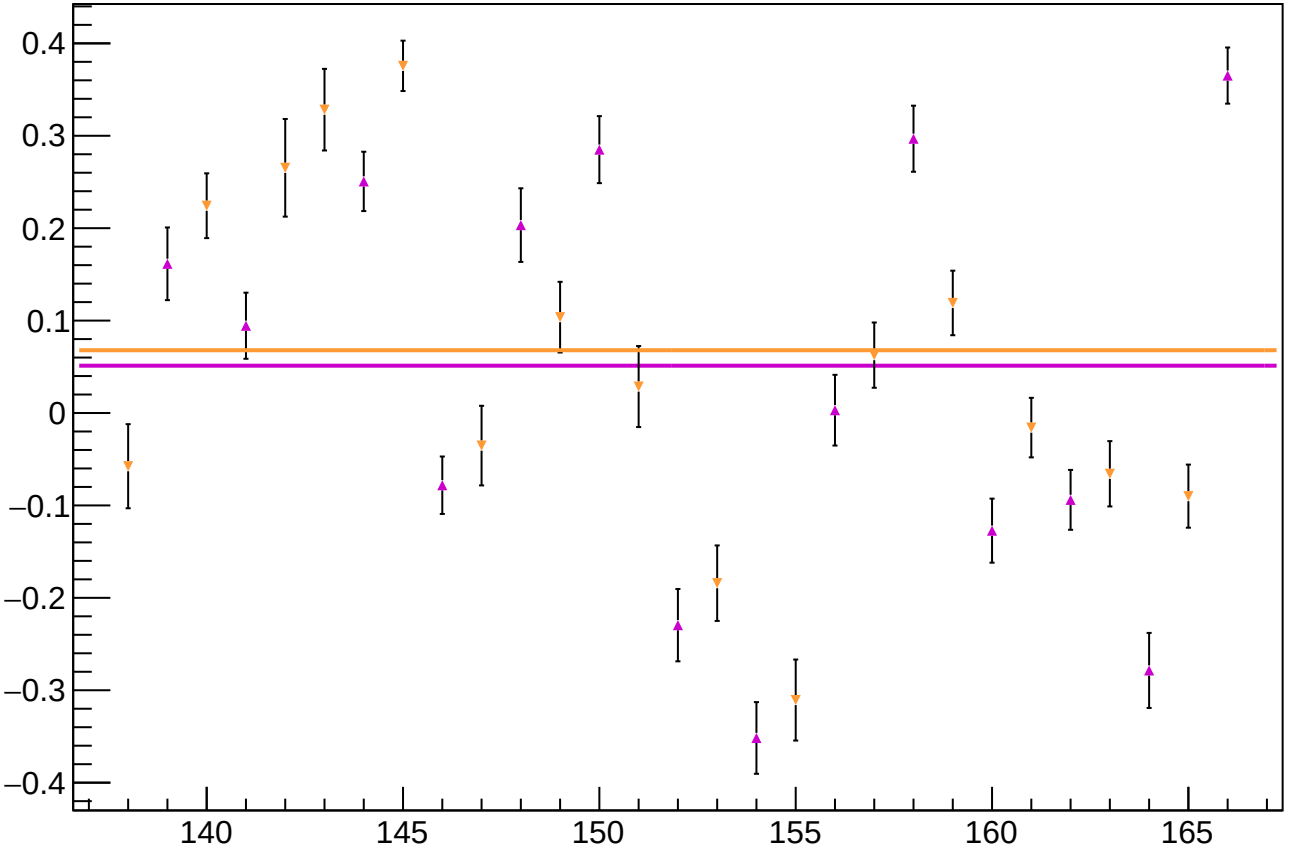
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 60.503+/-0.199 χ^2/NDF:932.2/13

Out: 62.463+/-0.204 χ^2/NDF:878.6/14

All: 61.461+/-0.142 χ^2/NDF: 1858.3/28

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: 0.068+/-0.010 χ^2/NDF:368.5/14

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

Left In: 0.051+/-0.009 χ^2/NDF:548.9/13

Left: 0.059+/-0.007 χ^2/NDF: 918.9/28

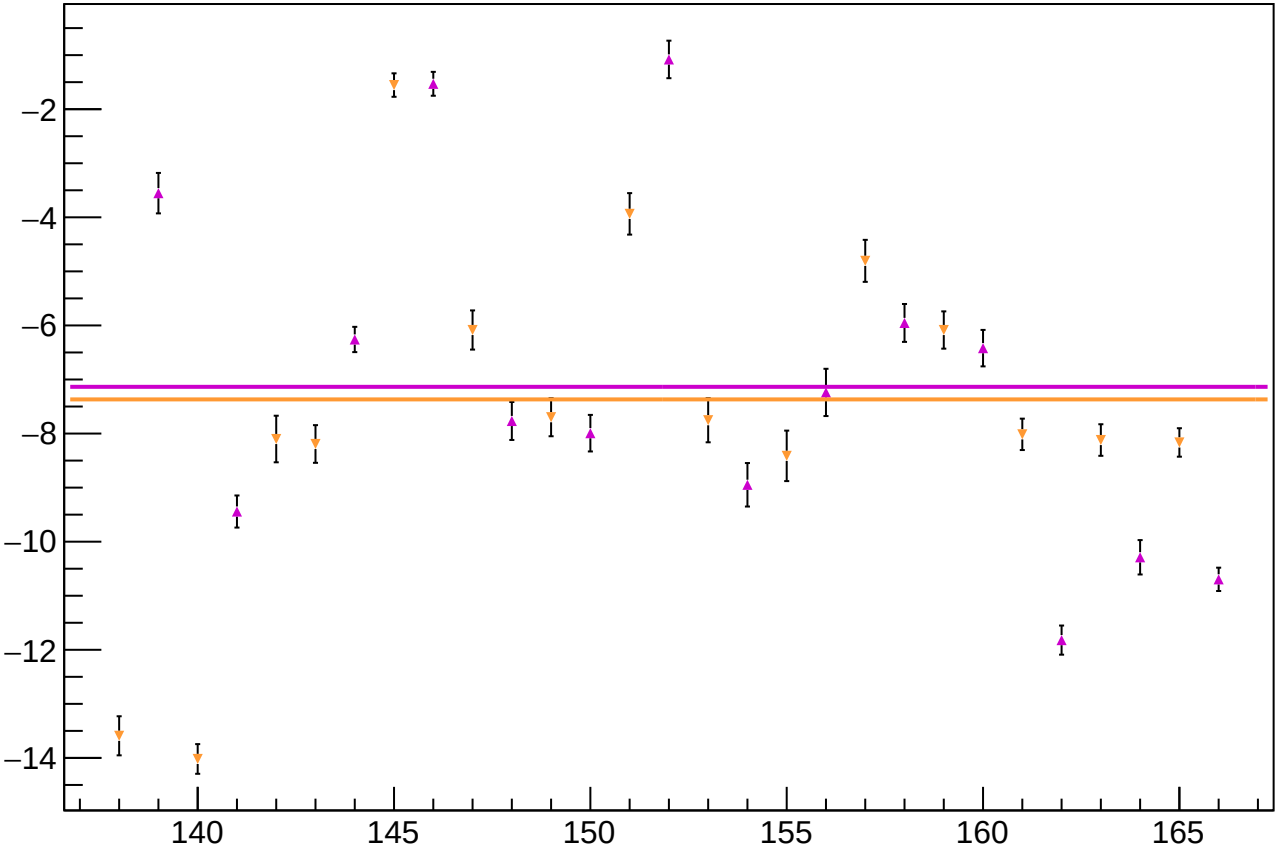
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.051+/-0.009 χ^2/NDF:548.9/13

Out: 0.068+/-0.010 χ^2/NDF:368.5/14

All: 0.059+/-0.007 χ^2/NDF: 918.9/28

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -7.368+/-0.084 χ^2/NDF:1786.6/14

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

Left In: -7.136+/-0.080 χ^2/NDF:1833.2/13

Left: -7.246+/-0.058 χ^2/NDF: 3623.9/28

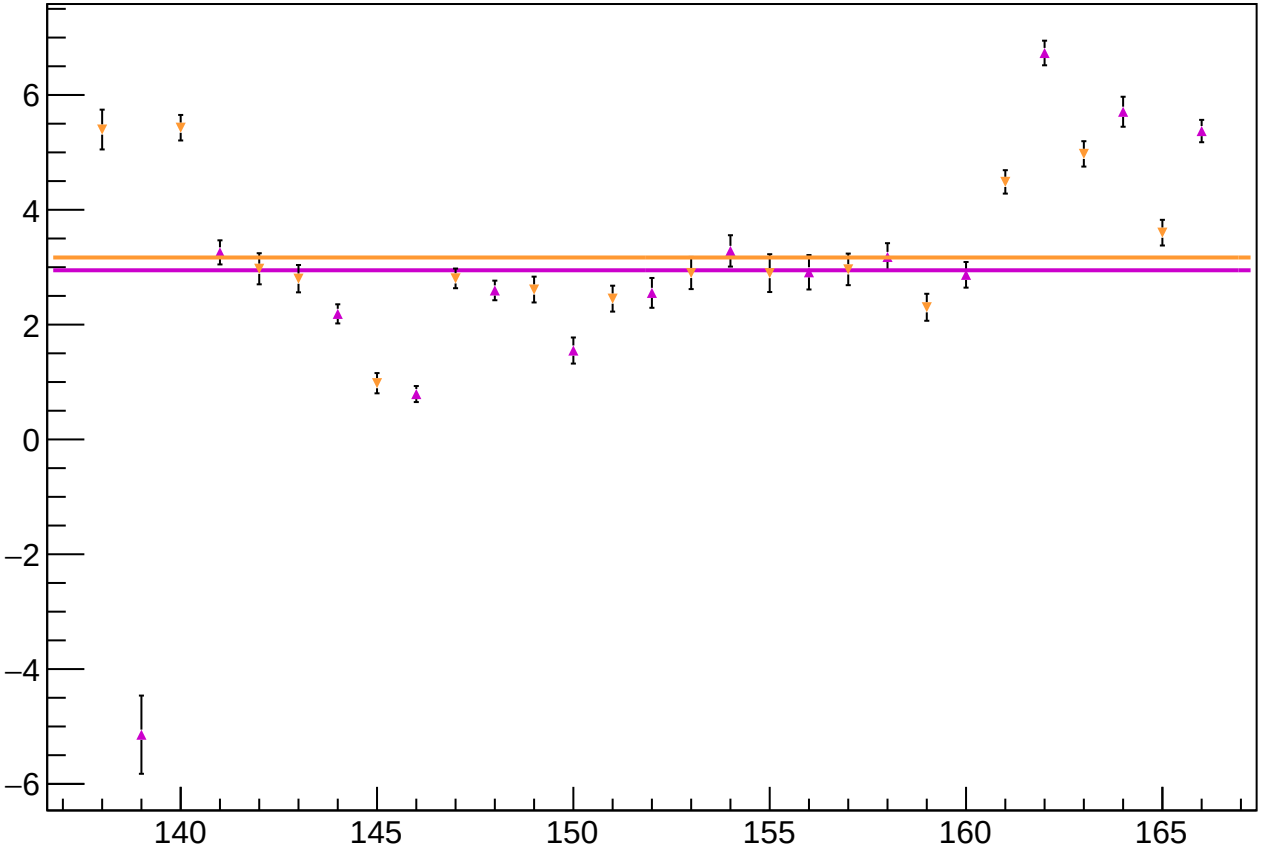
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -7.136+/-0.080 χ^2/NDF:1833.2/13

Out: -7.368+/-0.084 χ^2/NDF:1786.6/14

All: -7.246+/-0.058 χ^2/NDF: 3623.9/28

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: 3.169+/-0.059 χ^2/NDF:450.5/14

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

Left In: 2.947+/-0.057 χ^2/NDF:1027.6/13

Left: 3.054+/-0.041 χ^2/NDF: 1485.5/28

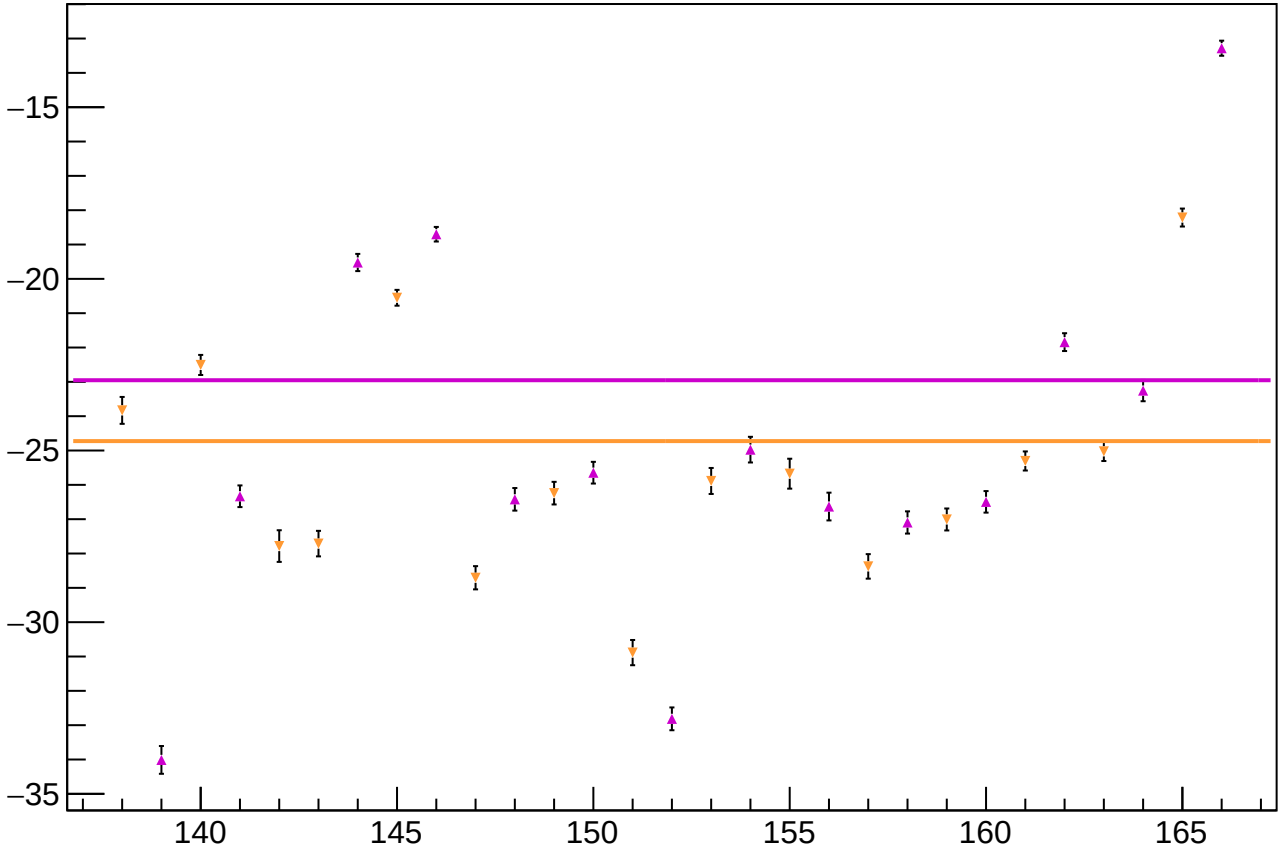
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.947+/-0.057 χ^2/NDF:1027.6/13

Out: 3.169+/-0.059 χ^2/NDF:450.5/14

All: 3.054+/-0.041 χ^2/NDF: 1485.5/28

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: -24.726+/-0.083 χ^2/NDF:1734.5/14

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

Left In: -22.952+/-0.079 χ^2/NDF:4874.7/13

Left: -23.789+/-0.057 χ^2/NDF: 6848.9/28

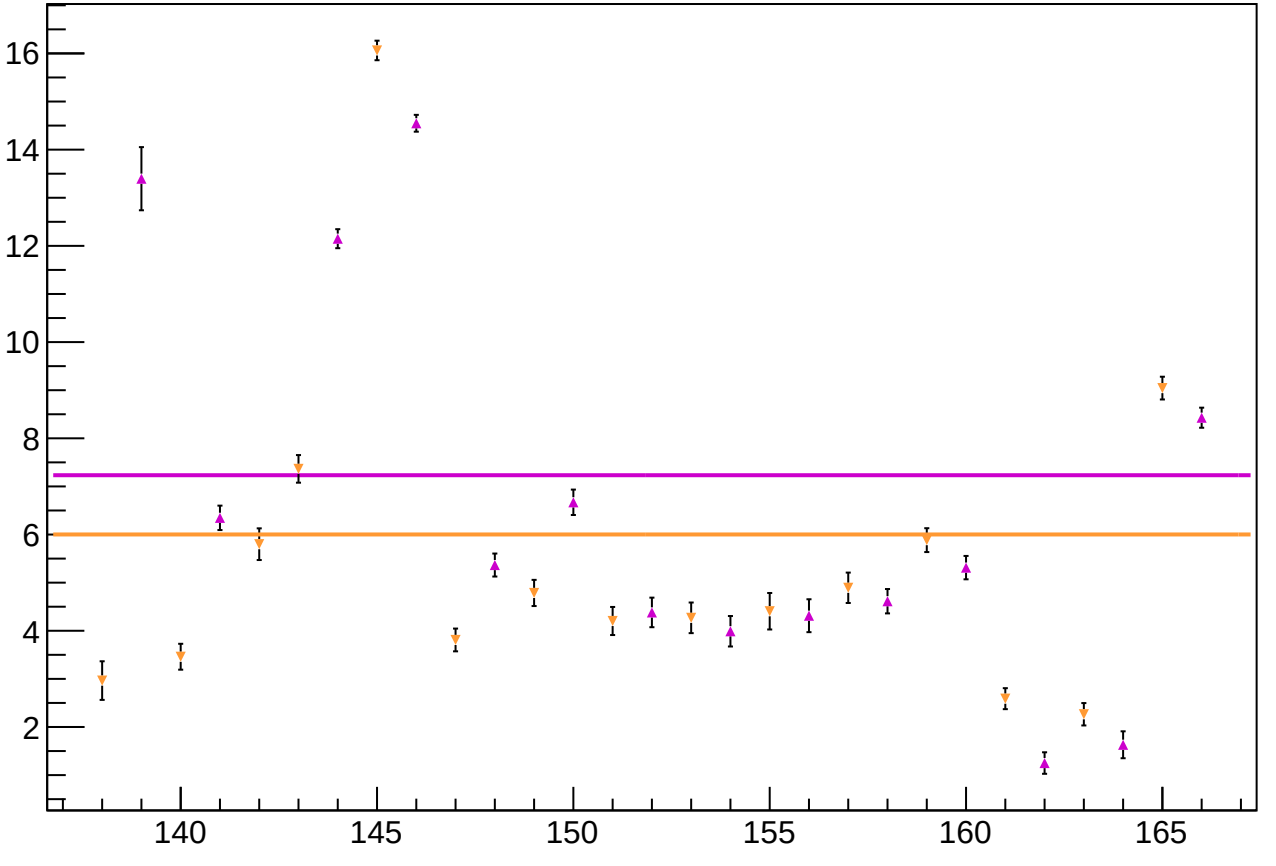
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -22.952+/-0.079 χ^2/NDF:4874.7/13

Out: -24.726+/-0.083 χ^2/NDF:1734.5/14

All: -23.789+/-0.057 χ^2/NDF: 6848.9/28

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 6.002+/-0.069 χ^2/NDF:3492.4/14

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

Left In: 7.233+/-0.067 χ^2/NDF:4117.7/13

Left: 6.640+/-0.048 χ^2/NDF: 7774.6/28

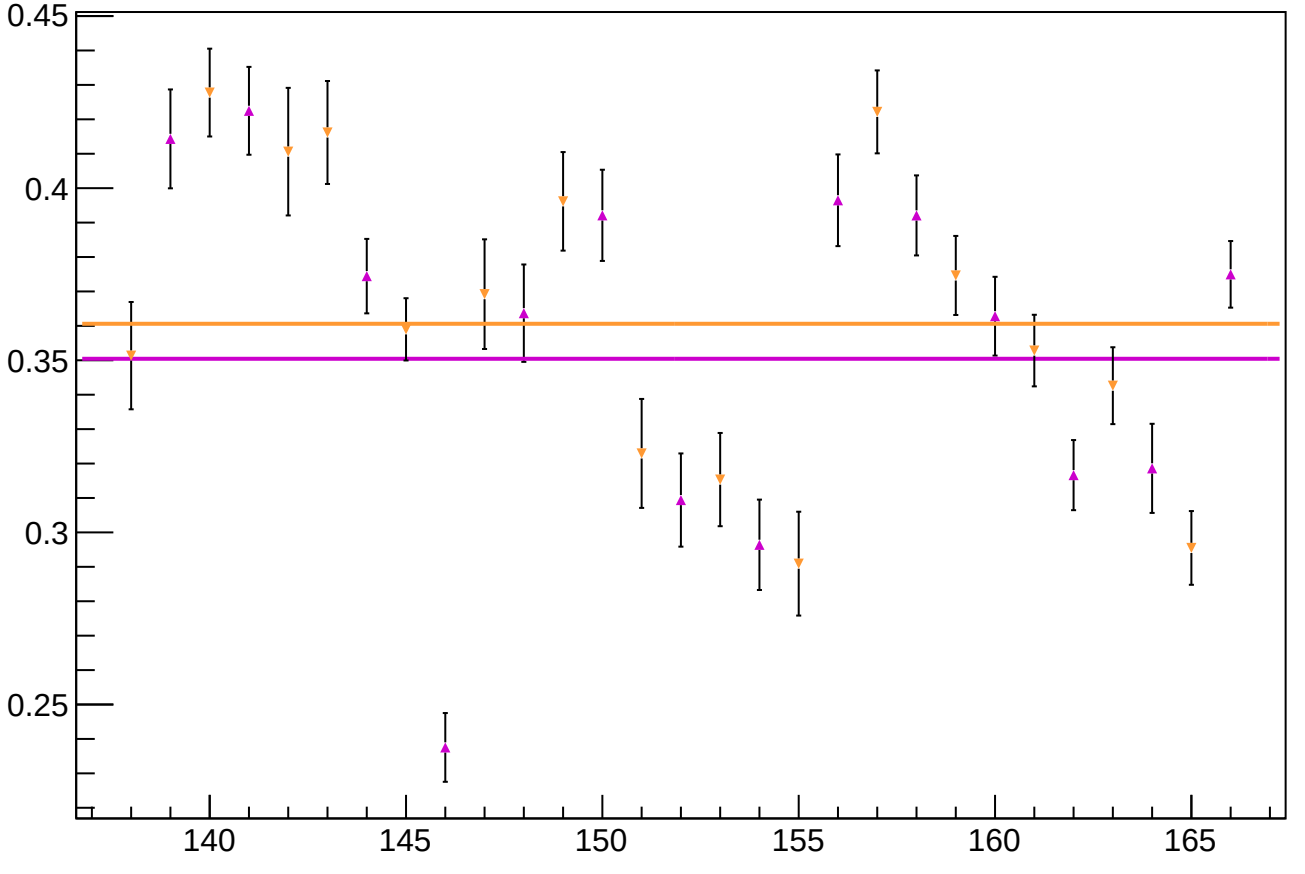
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 7.233+/-0.067 χ^2/NDF:4117.7/13

Out: 6.002+/-0.069 χ^2/NDF:3492.4/14

All: 6.640+/-0.048 χ^2/NDF: 7774.6/28

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: 0.361+/-0.003 χ^2/NDF:161.5/14

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

Left In: 0.350+/-0.003 χ^2/NDF:270.7/13

Left: 0.355+/-0.002 χ^2/NDF: 437.2/28

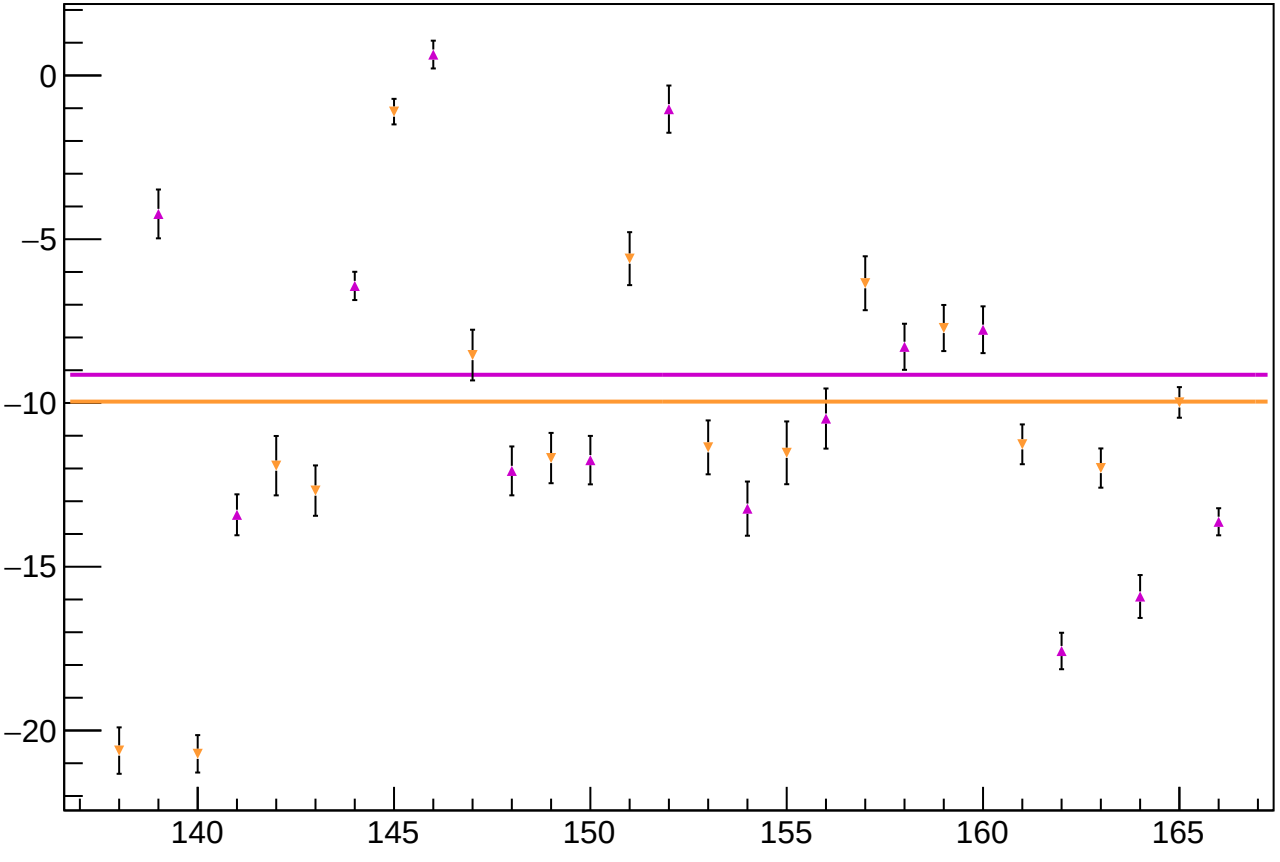
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.350+/-0.003 χ^2/NDF:270.7/13

Out: 0.361+/-0.003 χ^2/NDF:161.5/14

All: 0.355+/-0.002 χ^2/NDF: 437.2/28

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.958+/-0.168 χ^2/NDF:1201.3/14

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

Left In: -9.139+/-0.160 χ^2/NDF:1301.2/13

Left: -9.530+/-0.116 χ^2/NDF: 2515.0/28

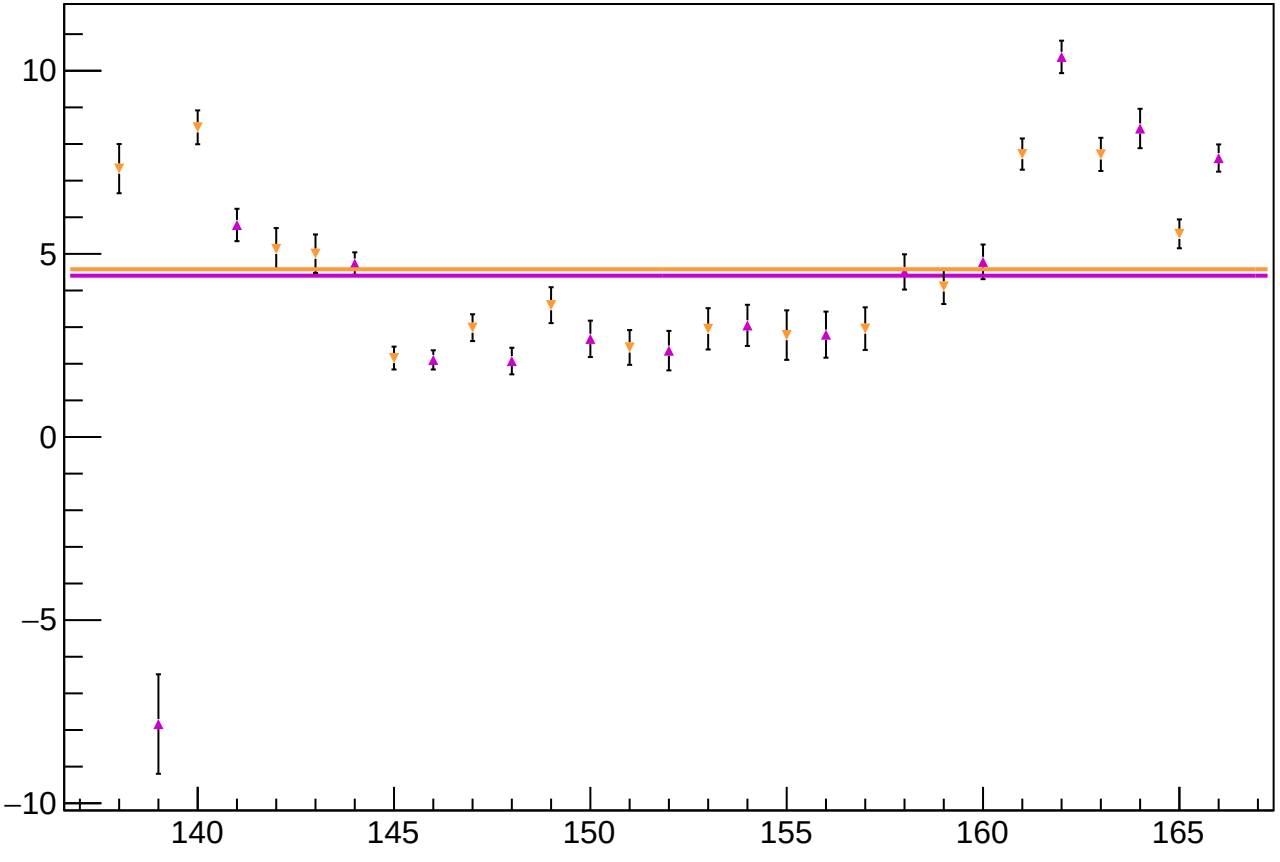
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -9.139+/-0.160 χ^2/NDF:1301.2/13

Out: -9.958+/-0.168 χ^2/NDF:1201.3/14

All: -9.530+/-0.116 χ^2/NDF: 2515.0/28

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: 4.581+/-0.120 χ^2/NDF:324.6/14

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

Left In: 4.405+/-0.115 χ^2/NDF:562.2/13

Left: 4.489+/-0.083 χ^2/NDF: 887.9/28

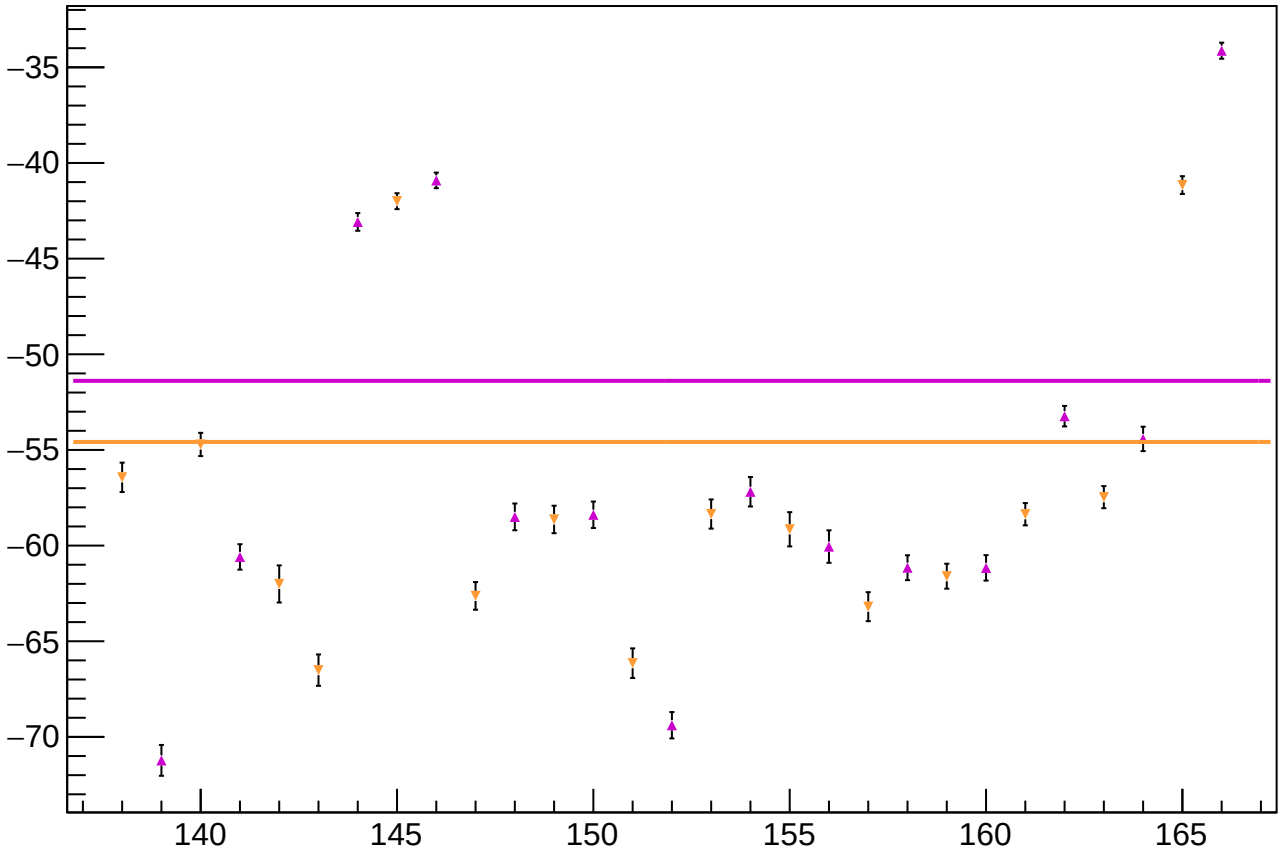
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 4.405+/-0.115 χ^2/NDF:562.2/13

Out: 4.581+/-0.120 χ^2/NDF:324.6/14

All: 4.489+/-0.083 χ^2/NDF: 887.9/28

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: -54.582+/-0.167 χ^2/NDF:2768.7/14

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

Left In: -51.388+/-0.158 χ^2/NDF:4988.6/13

Left: -52.898+/-0.115 χ^2/NDF: 7950.4/28

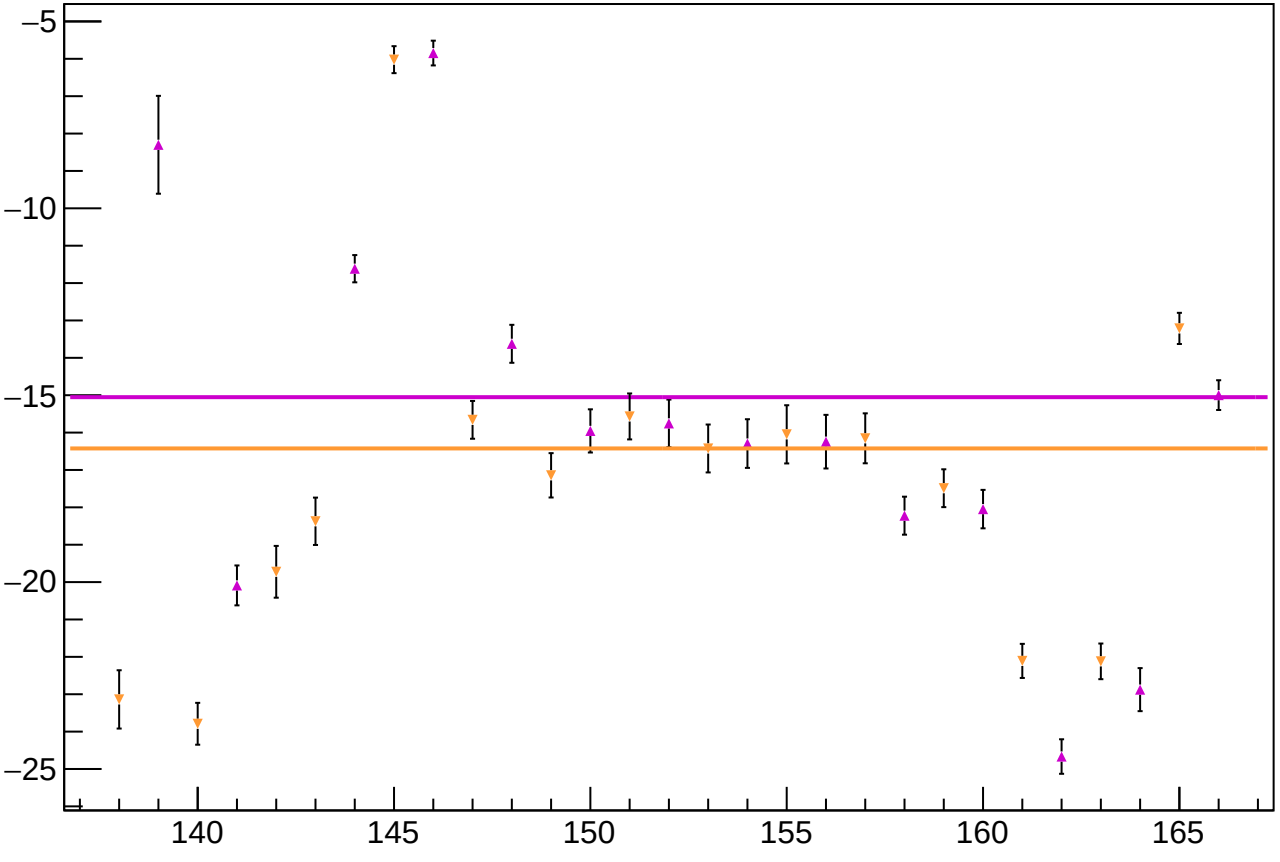
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -51.388+/-0.158 χ^2/NDF:4988.6/13

Out: -54.582+/-0.167 χ^2/NDF:2768.7/14

All: -52.898+/-0.115 χ^2/NDF: 7950.4/28

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: -16.424+/-0.139 χ^2/NDF:1477.9/14

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

Left In: -15.052+/-0.134 χ^2/NDF:1686.2/13

Left: -15.710+/-0.096 χ^2/NDF: 3214.7/28

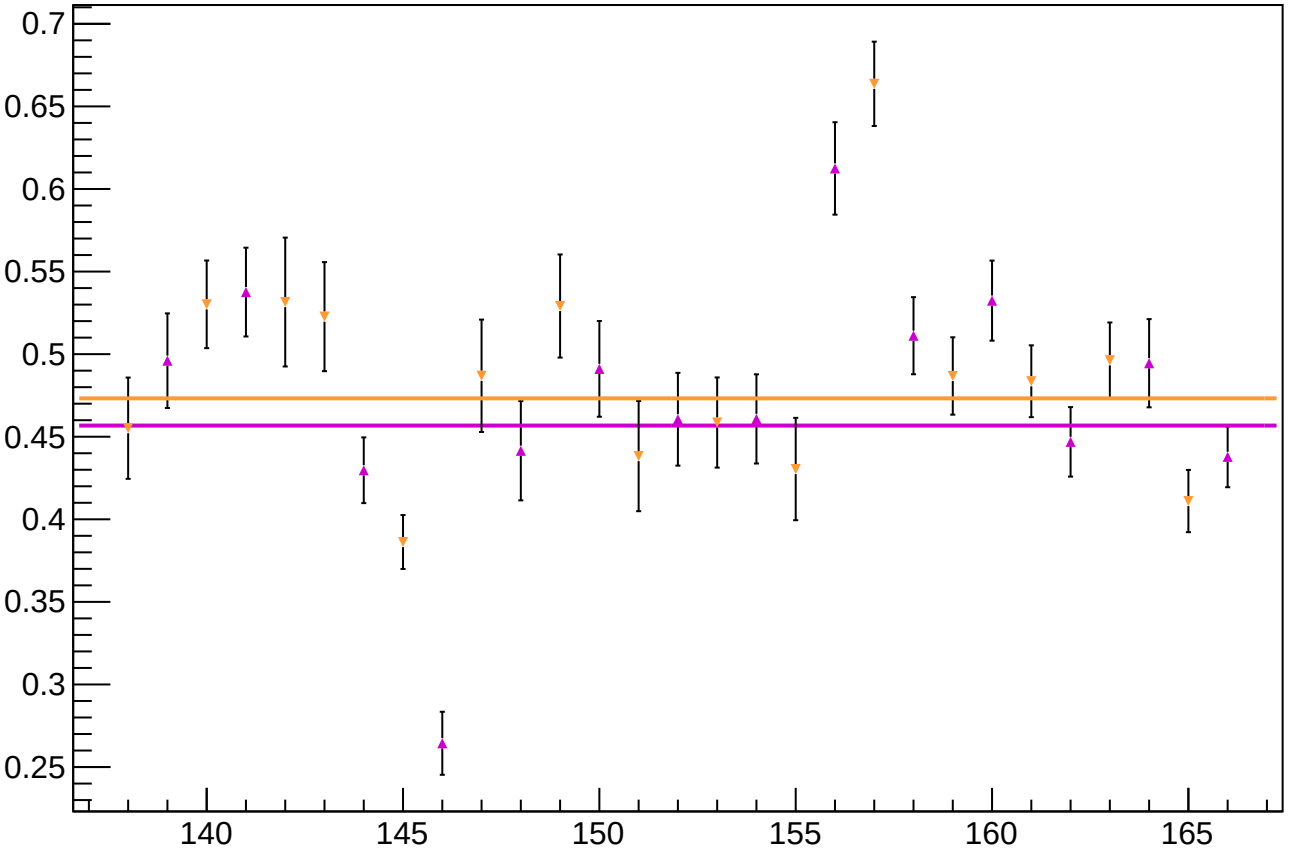
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -15.052+/-0.134 χ^2/NDF:1686.2/13

Out: -16.424+/-0.139 χ^2/NDF:1477.9/14

All: -15.710+/-0.096 χ^2/NDF: 3214.7/28

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: 0.473+/-0.007 χ^2/NDF:112.6/14

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

Left In: 0.457+/-0.006 χ^2/NDF:165.5/13

Left: 0.465+/-0.005 χ^2/NDF: 281.3/28

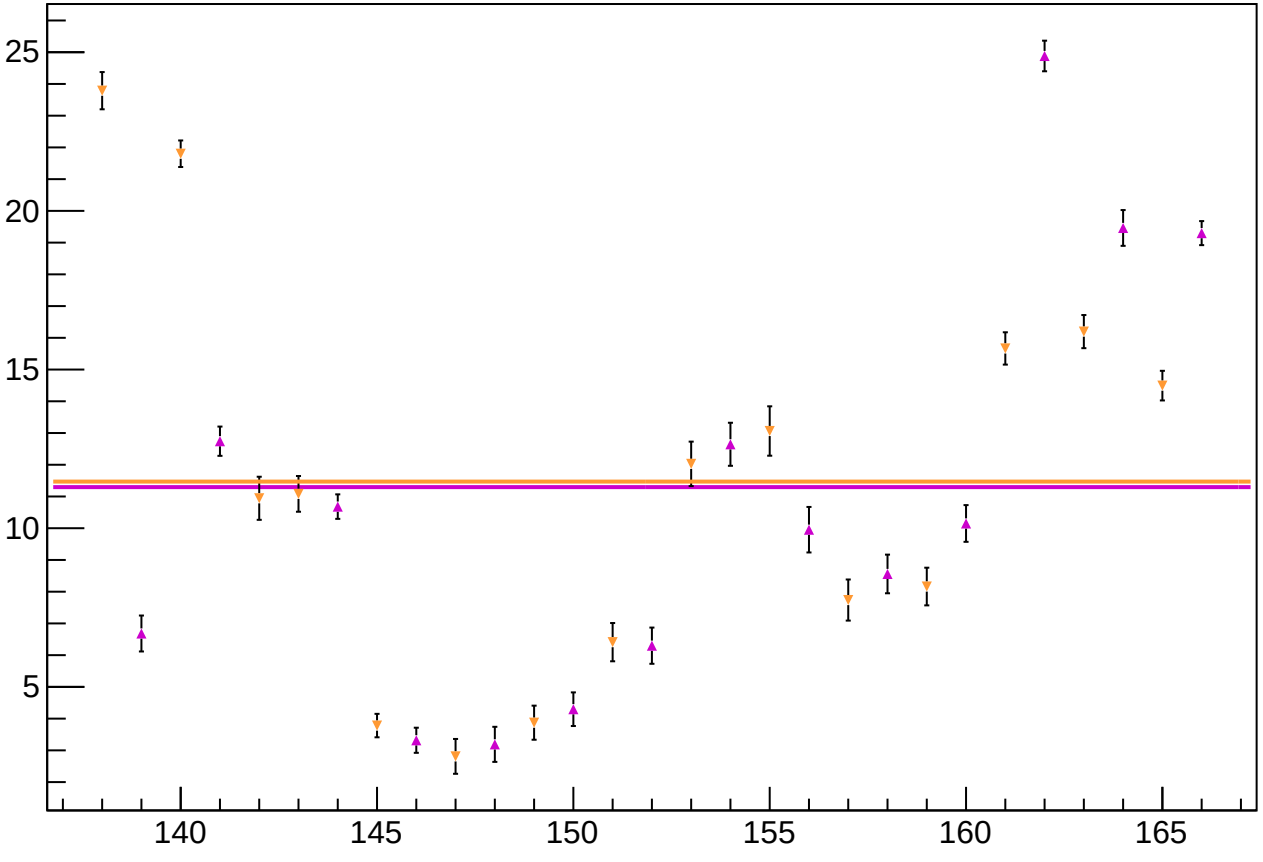
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.457+/-0.006 χ^2/NDF:165.5/13

Out: 0.473+/-0.007 χ^2/NDF:112.6/14

All: 0.465+/-0.005 χ^2/NDF: 281.3/28

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: 11.470+/-0.139 χ^2/NDF:2265.3/14

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

Left In: 11.295+/-0.135 χ^2/NDF:2433.3/13

Left: 11.380+/-0.097 χ^2/NDF: 4699.4/28

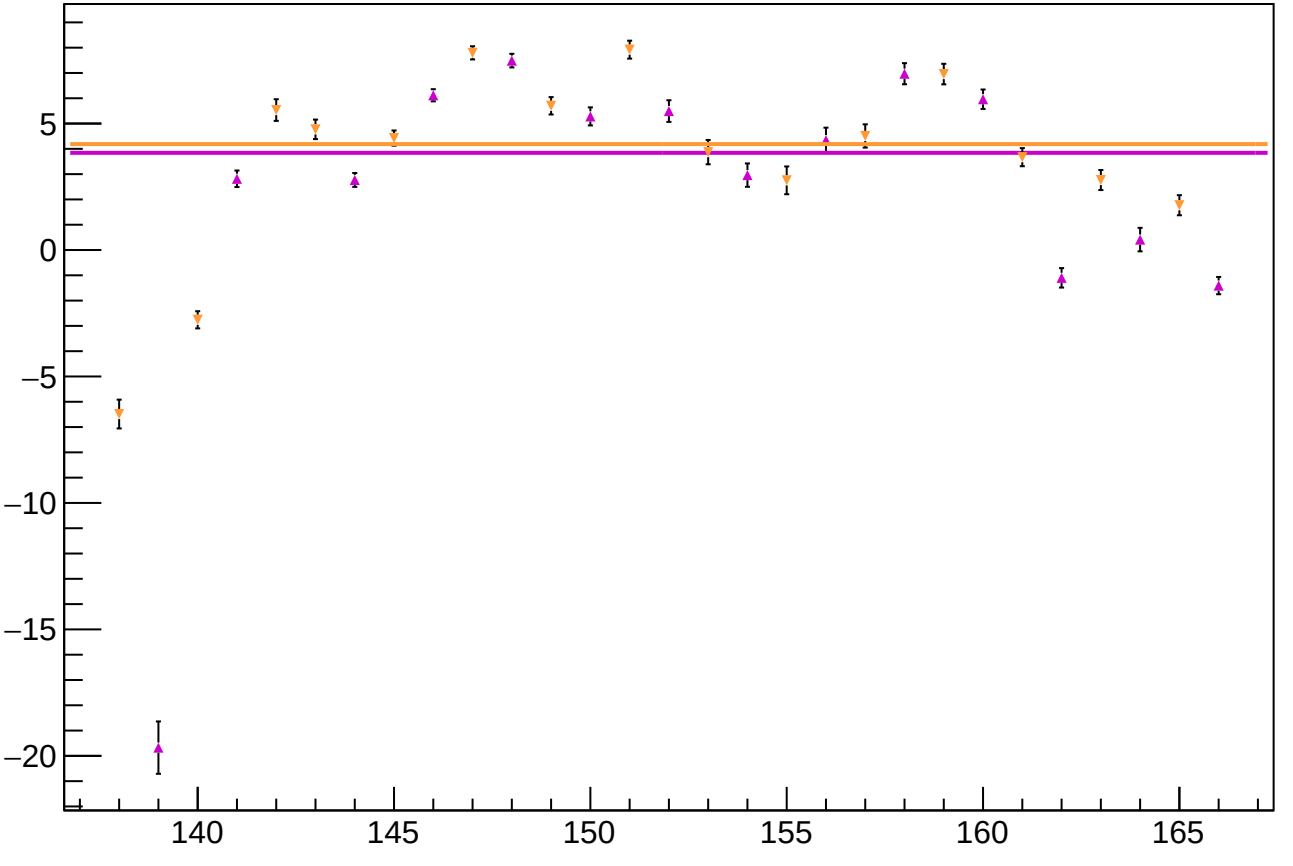
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 11.295+/-0.135 χ^2/NDF:2433.3/13

Out: 11.470+/-0.139 χ^2/NDF:2265.3/14

All: 11.380+/-0.097 χ^2/NDF: 4699.4/28

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 4.188+/-0.098 χ^2/NDF:1210.7/14

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

Left In: 3.842+/-0.096 χ^2/NDF:1390.5/13

Left: 4.012+/-0.068 χ^2/NDF: 2607.6/28

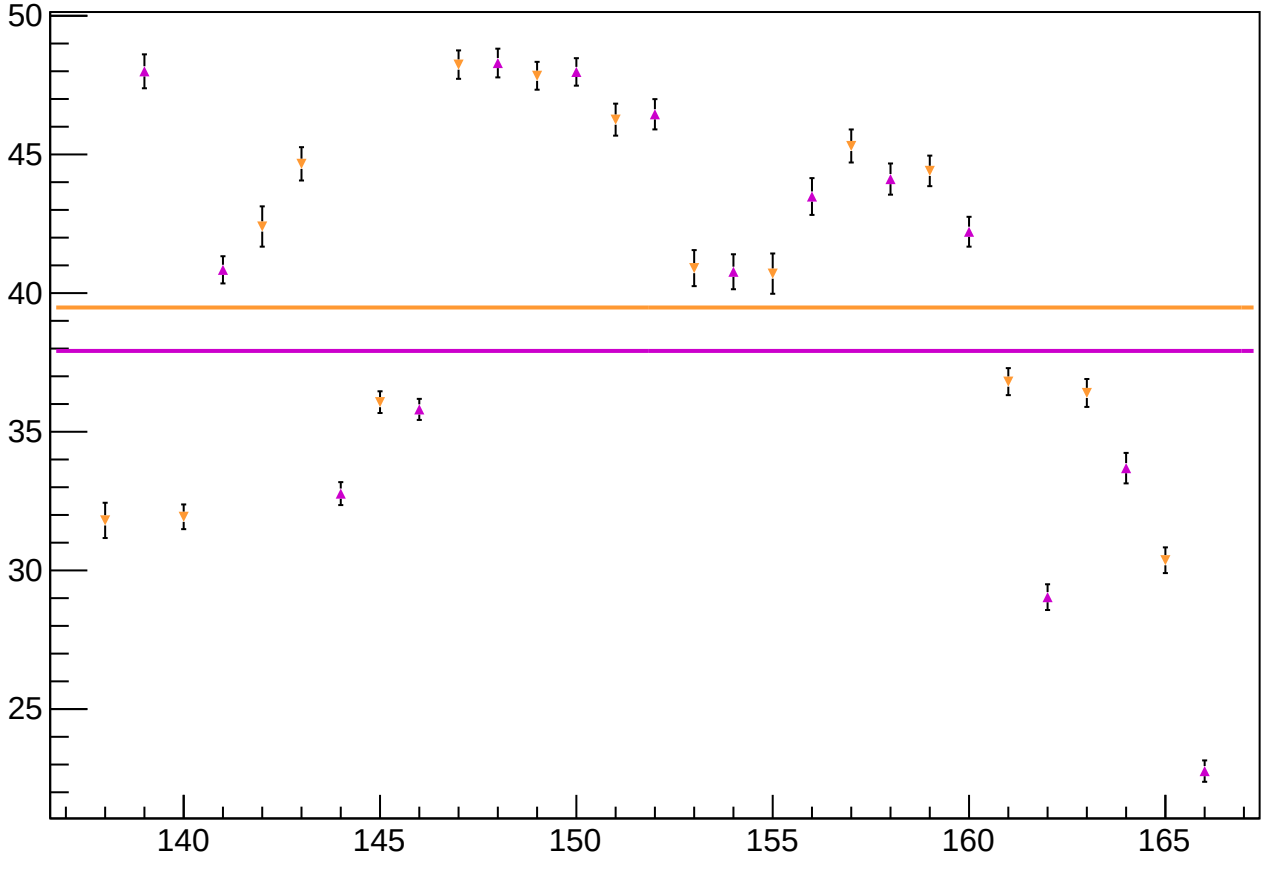
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 3.842+/-0.096 χ^2/NDF:1390.5/13

Out: 4.188+/-0.098 χ^2/NDF:1210.7/14

All: 4.012+/-0.068 χ^2/NDF: 2607.6/28

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: 39.481+/-0.138 χ^2/NDF:1942.6/14

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

Left In: 37.915+/-0.133 χ^2/NDF:3793.9/13

Left: 38.668+/-0.096 χ^2/NDF: 5803.6/28

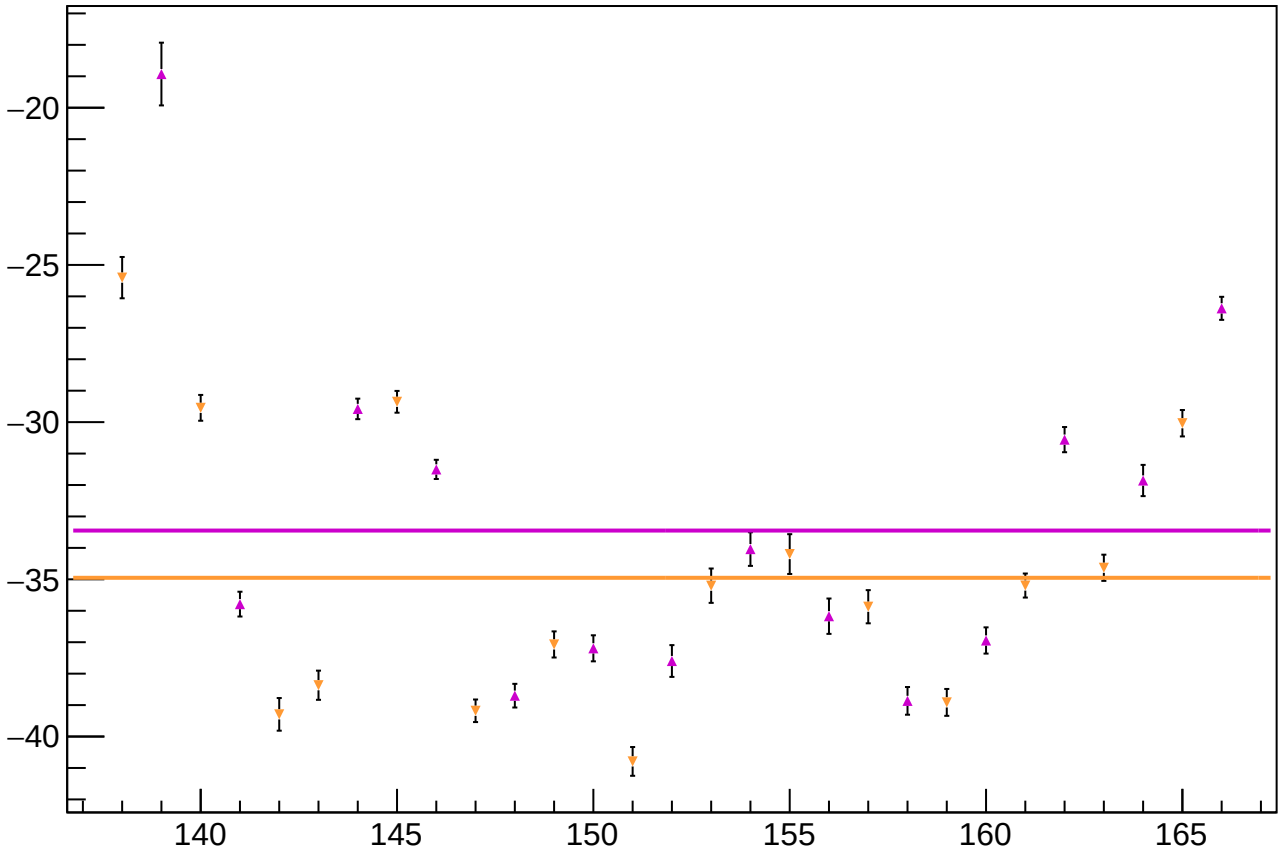
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 37.915+/-0.133 χ^2/NDF:3793.9/13

Out: 39.481+/-0.138 χ^2/NDF:1942.6/14

All: 38.668+/-0.096 χ^2/NDF: 5803.6/28

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: -34.951+/-0.114 χ^2/NDF:1326.0/14

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

Left In: -33.449+/-0.112 χ^2/NDF:1452.3/13

Left: -34.184+/-0.080 χ^2/NDF: 2866.3/28

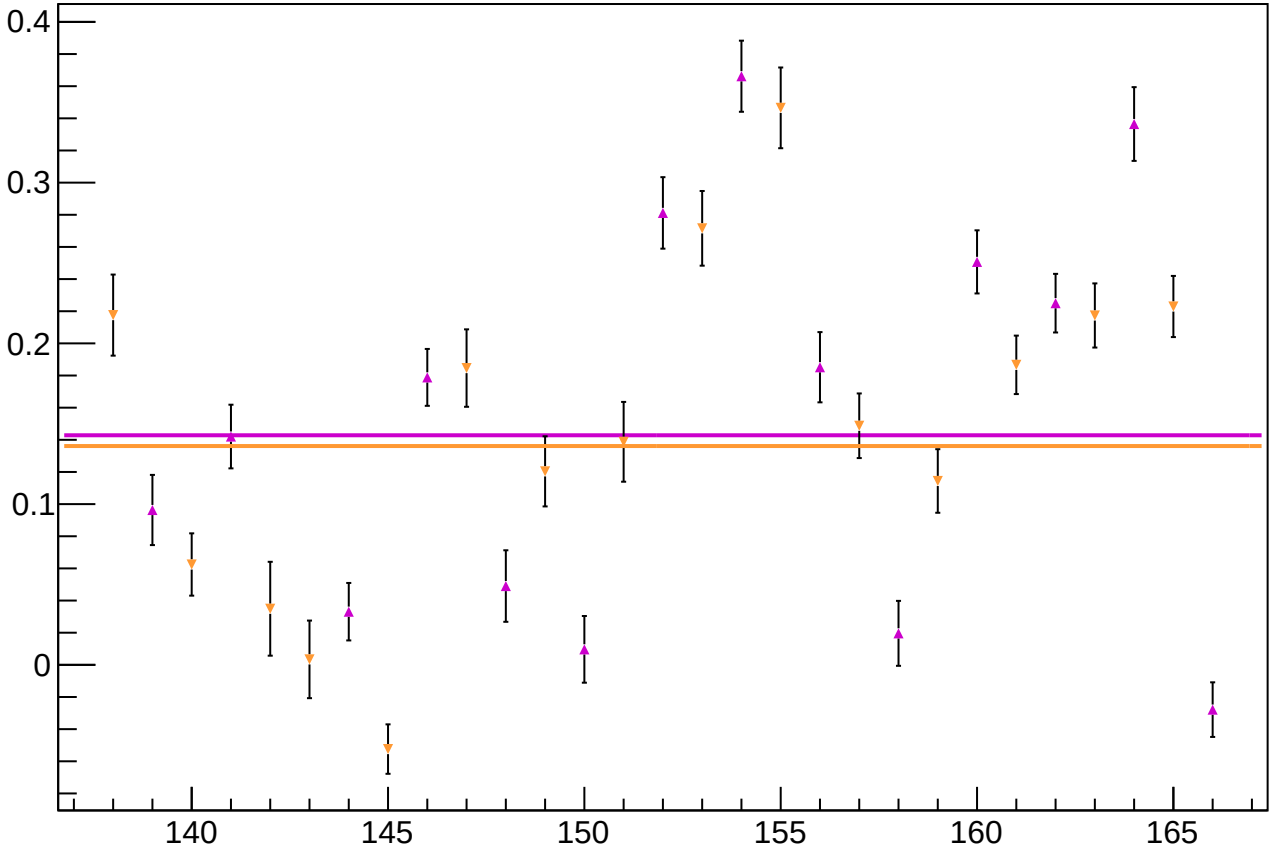
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -33.449+/-0.112 χ^2/NDF:1452.3/13

Out: -34.951+/-0.114 χ^2/NDF:1326.0/14

All: -34.184+/-0.080 χ^2/NDF: 2866.3/28

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: 0.136+/-0.005 χ^2/NDF:372.9/14

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

Left In: 0.143+/-0.005 χ^2/NDF:509.6/13

Left: 0.140+/-0.004 χ^2/NDF: 883.3/28

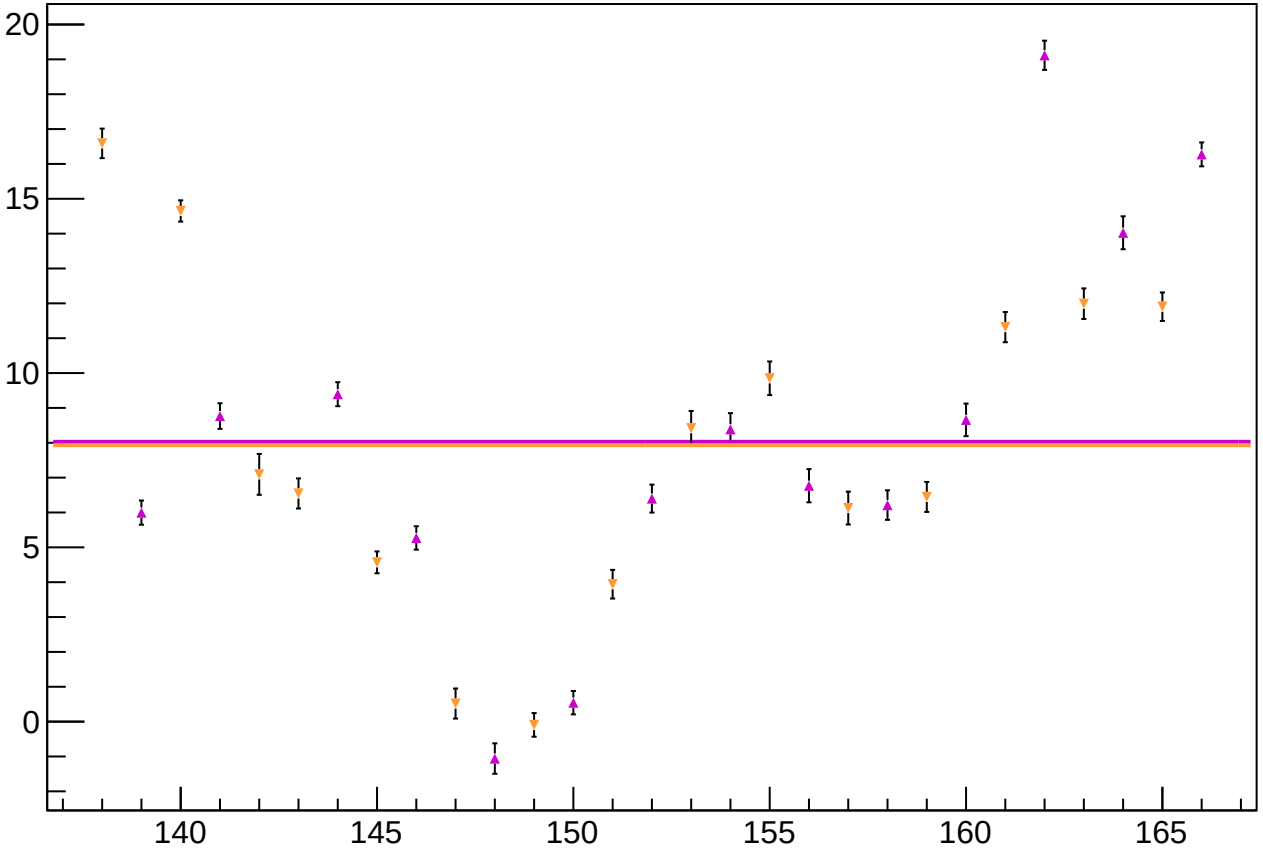
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.143+/-0.005 χ^2/NDF:509.6/13

Out: 0.136+/-0.005 χ^2/NDF:372.9/14

All: 0.140+/-0.004 χ^2/NDF: 883.3/28

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 7.931+/-0.106 χ^2/NDF:2263.1/14

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

Left In: 8.027+/-0.105 χ^2/NDF:2535.1/13

Left: 7.979+/-0.074 χ^2/NDF: 4798.6/28

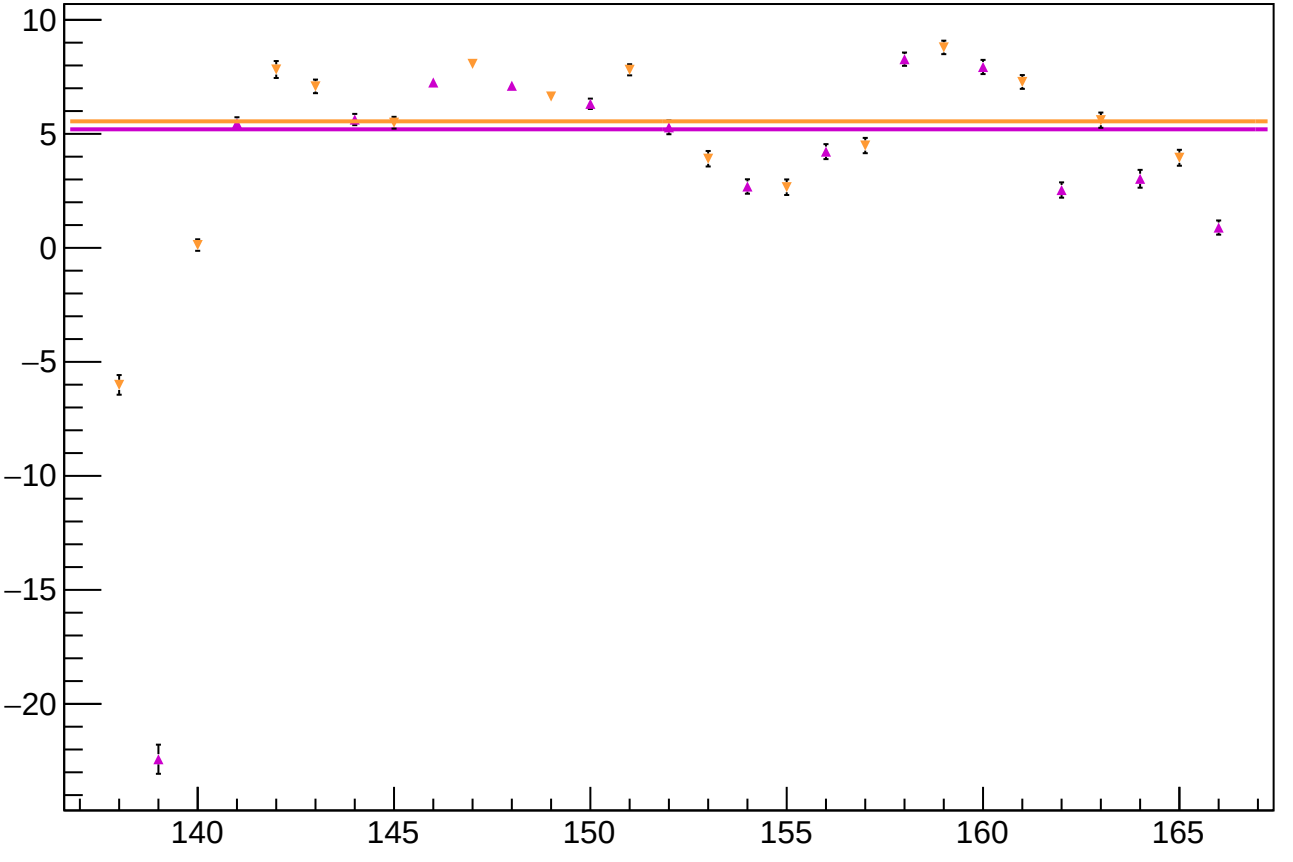
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.027+/-0.105 χ^2/NDF:2535.1/13

Out: 7.931+/-0.106 χ^2/NDF:2263.1/14

All: 7.979+/-0.074 χ^2/NDF: 4798.6/28

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 5.549+/-0.074 χ^2/NDF:1779.4/14

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

Left In: 5.199+/-0.076 χ^2/NDF:2614.9/13

Left: 5.378+/-0.053 χ^2/NDF: 4405.2/28

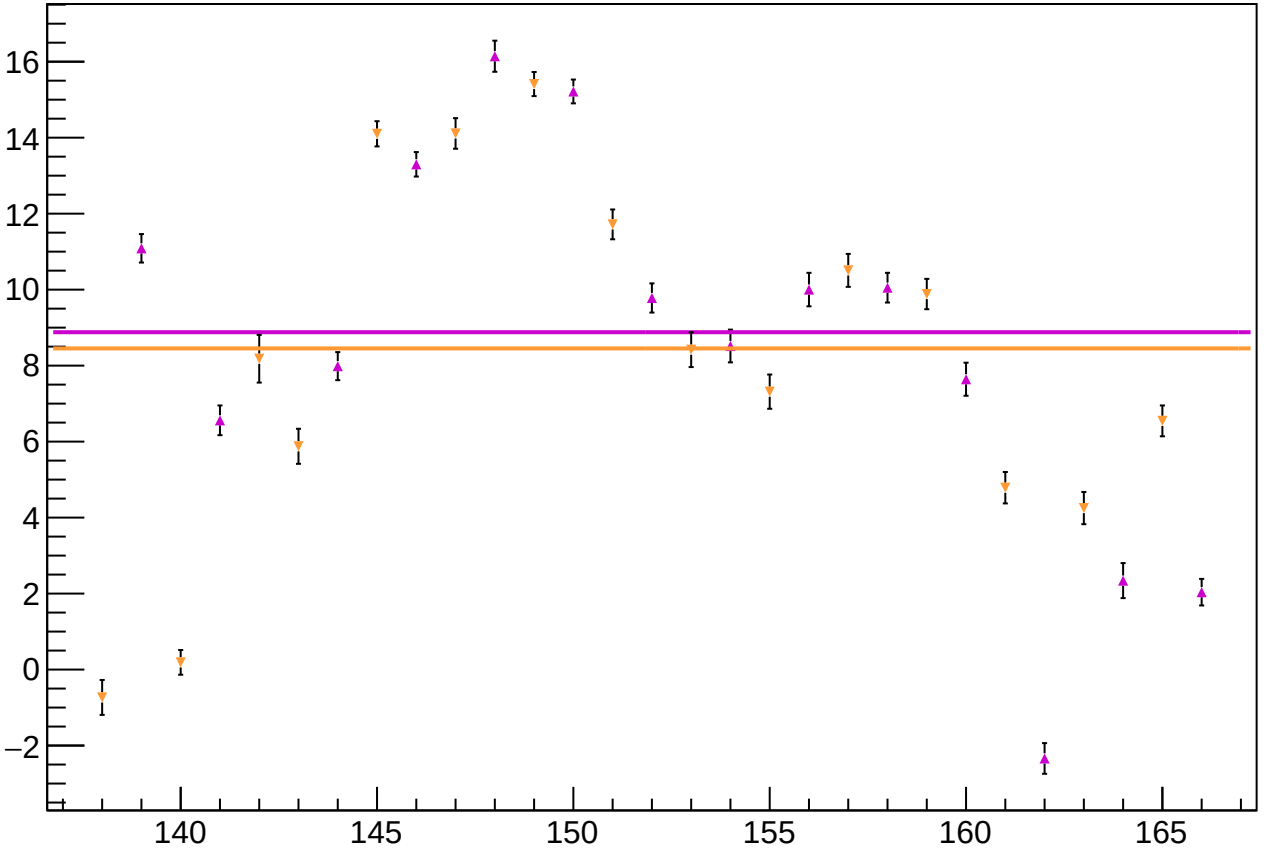
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.199+/-0.076 χ^2/NDF:2614.9/13

Out: 5.549+/-0.074 χ^2/NDF:1779.4/14

All: 5.378+/-0.053 χ^2/NDF: 4405.2/28

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: 8.452+/-0.104 χ^2/NDF:2355.4/14

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

Left In: 8.879+/-0.103 χ^2/NDF:2373.6/13

Left: 8.669+/-0.073 χ^2/NDF: 4737.6/28

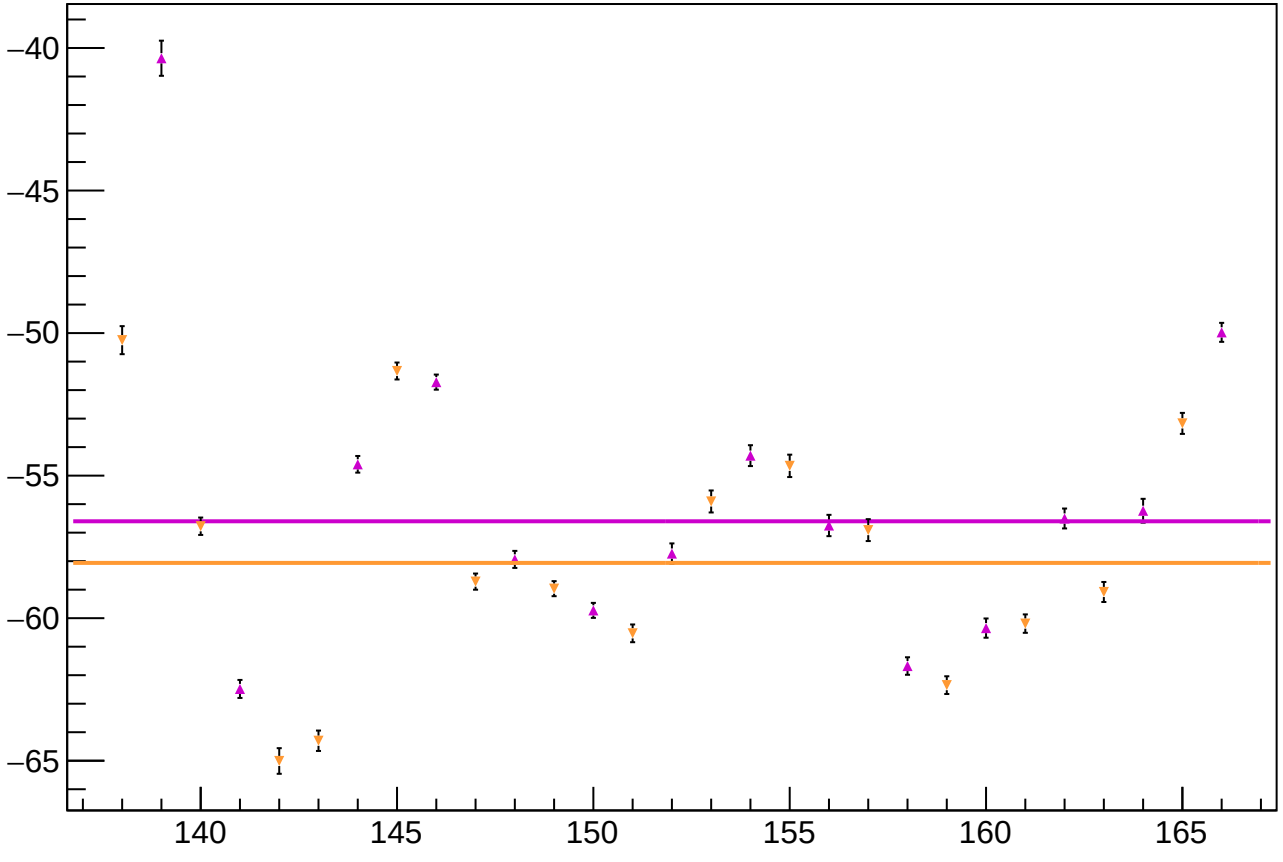
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 8.879+/-0.103 χ^2/NDF:2373.6/13

Out: 8.452+/-0.104 χ^2/NDF:2355.4/14

All: 8.669+/-0.073 χ^2/NDF: 4737.6/28

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: -58.061+/-0.087 χ^2/NDF:1940.0/14

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

Left In: -56.601+/-0.088 χ^2/NDF:2431.7/13

Left: -57.338+/-0.062 χ^2/NDF: 4510.4/28

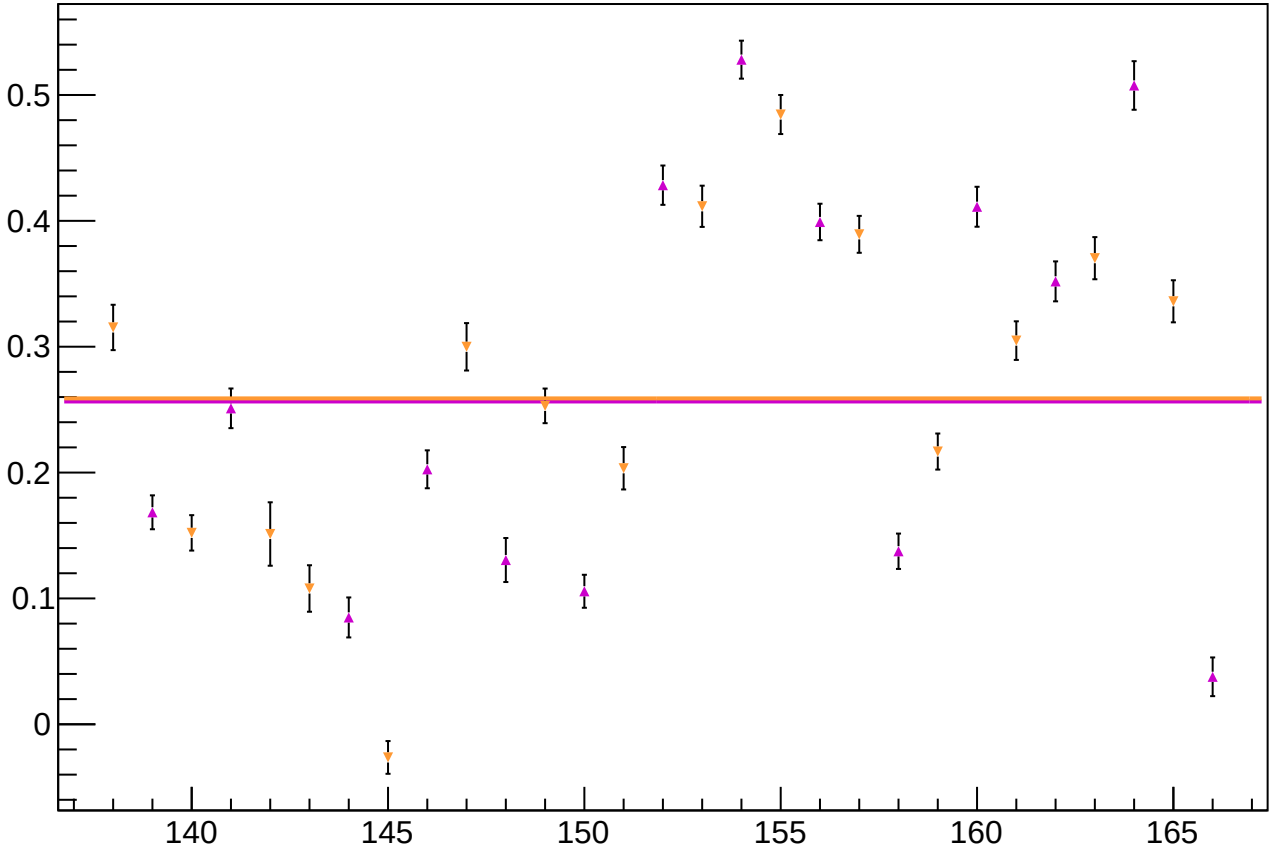
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -56.601+/-0.088 χ^2/NDF:2431.7/13

Out: -58.061+/-0.087 χ^2/NDF:1940.0/14

All: -57.338+/-0.062 χ^2/NDF: 4510.4/28

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: 0.259+/-0.004 χ^2/NDF:1109.4/14

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

Left In: 0.256+/-0.004 χ^2/NDF:1472.7/13

Left: 0.258+/-0.003 χ^2/NDF: 2582.2/28

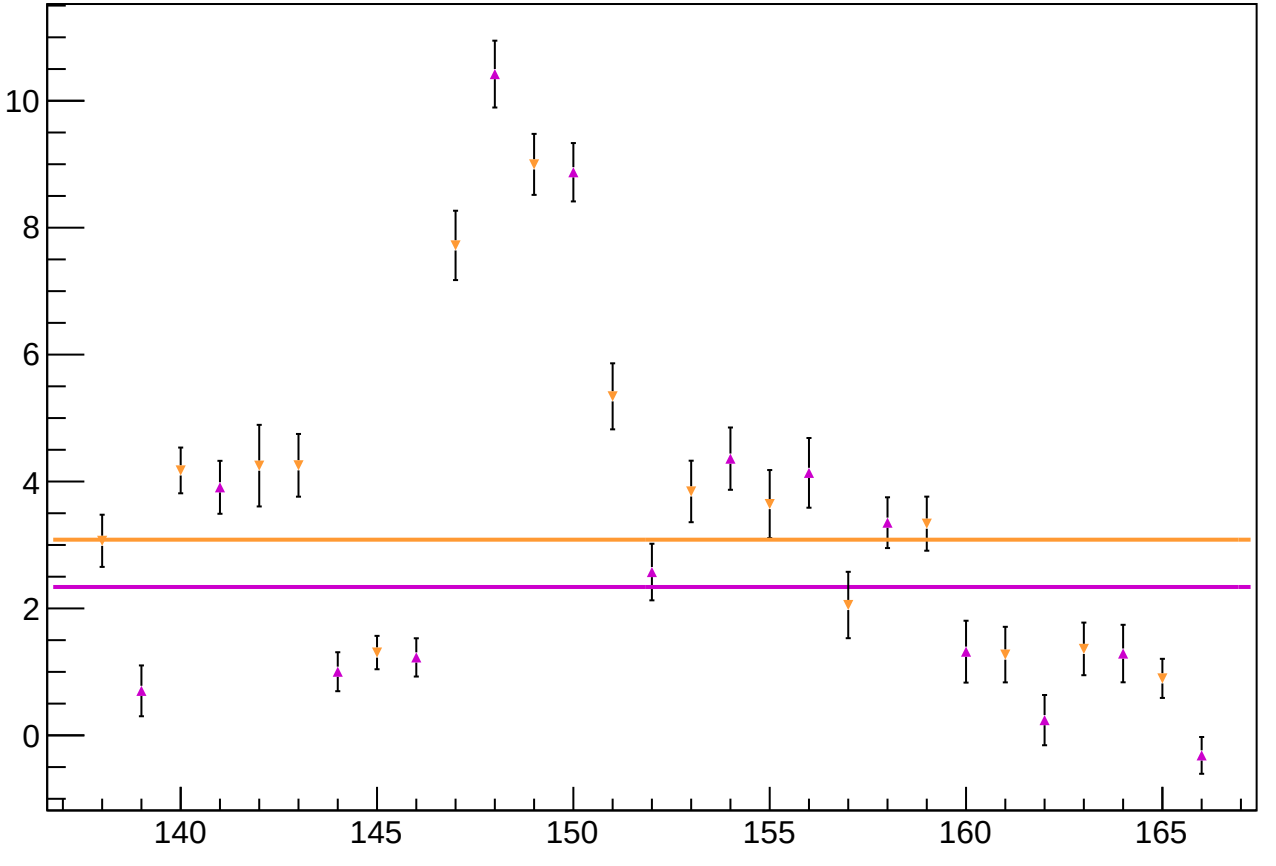
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.256+/-0.004 χ^2/NDF:1472.7/13

Out: 0.259+/-0.004 χ^2/NDF:1109.4/14

All: 0.258+/-0.003 χ^2/NDF: 2582.2/28

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.083+/-0.109 χ^2/NDF:398.6/14

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

Left In: 2.338+/-0.107 χ^2/NDF:656.8/13

Left: 2.703+/-0.076 χ^2/NDF: 1079.3/28

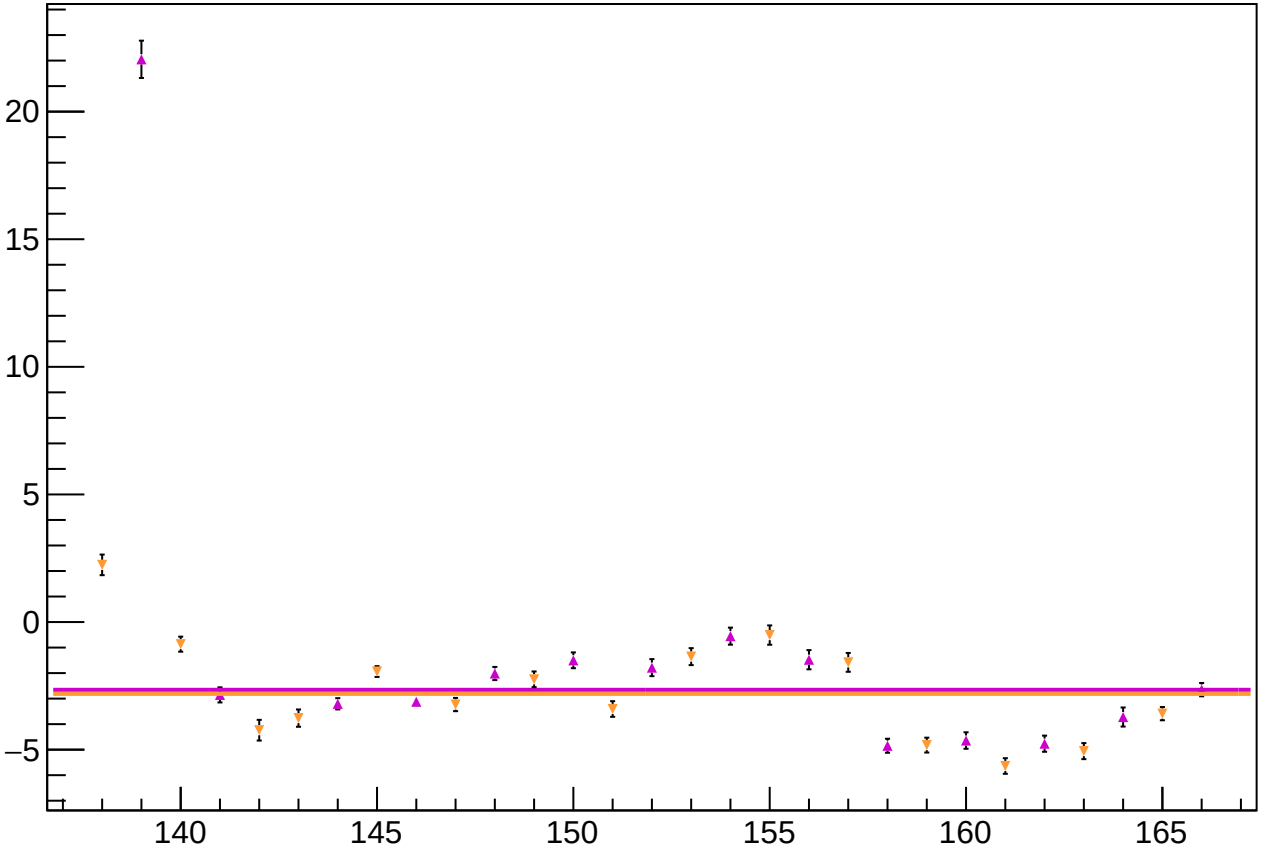
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 2.338+/-0.107 χ^2/NDF:656.8/13

Out: 3.083+/-0.109 χ^2/NDF:398.6/14

All: 2.703+/-0.076 χ^2/NDF: 1079.3/28

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: -2.816+/-0.079 χ^2/NDF:507.3/14

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

Left In: -2.654+/-0.078 χ^2/NDF:1385.0/13

Left: -2.734+/-0.055 χ^2/NDF: 1894.4/28

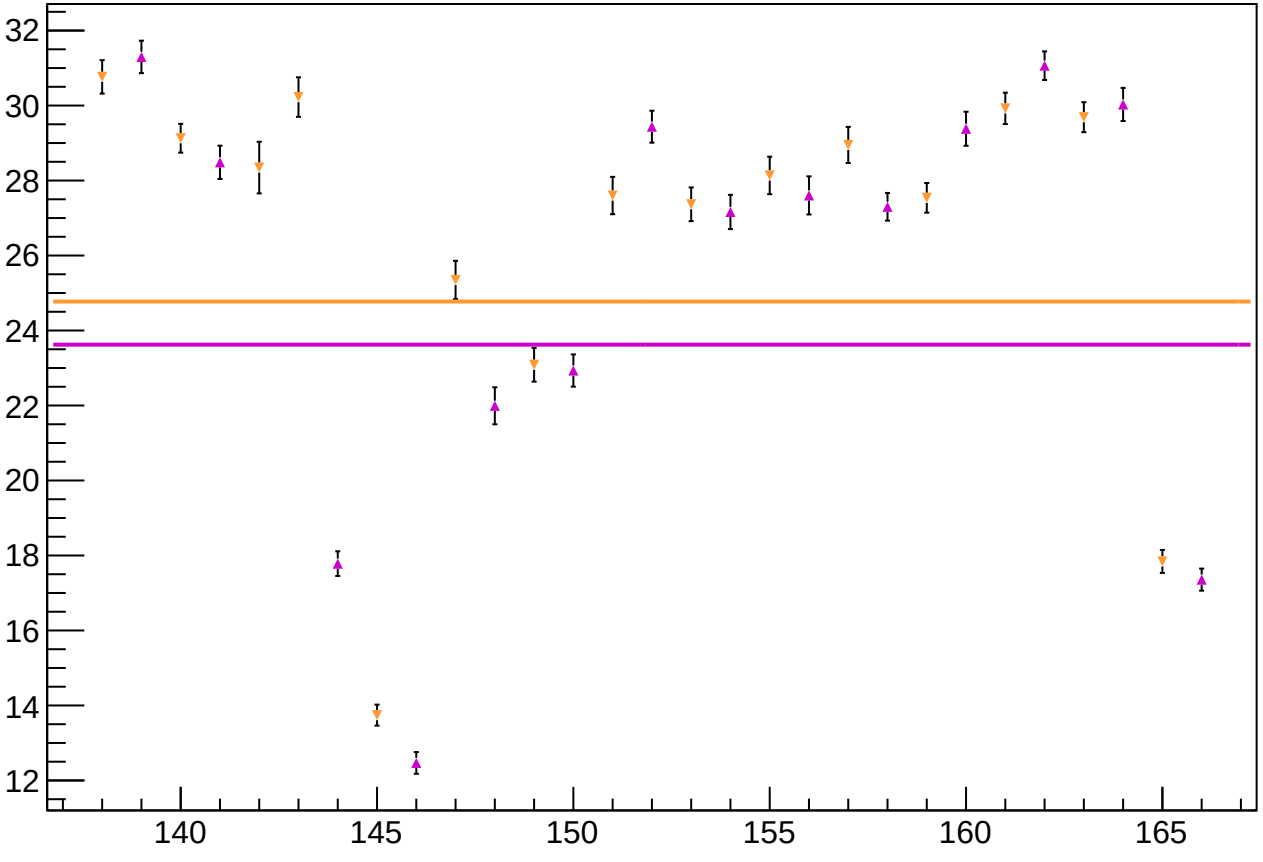
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -2.654+/-0.078 χ^2/NDF:1385.0/13

Out: -2.816+/-0.079 χ^2/NDF:507.3/14

All: -2.734+/-0.055 χ^2/NDF: 1894.4/28

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 24.773+/-0.108 χ^2/NDF:3057.7/14

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

Left In: 23.623+/-0.105 χ^2/NDF:3853.8/13

Left: 24.180+/-0.075 χ^2/NDF: 6969.7/28

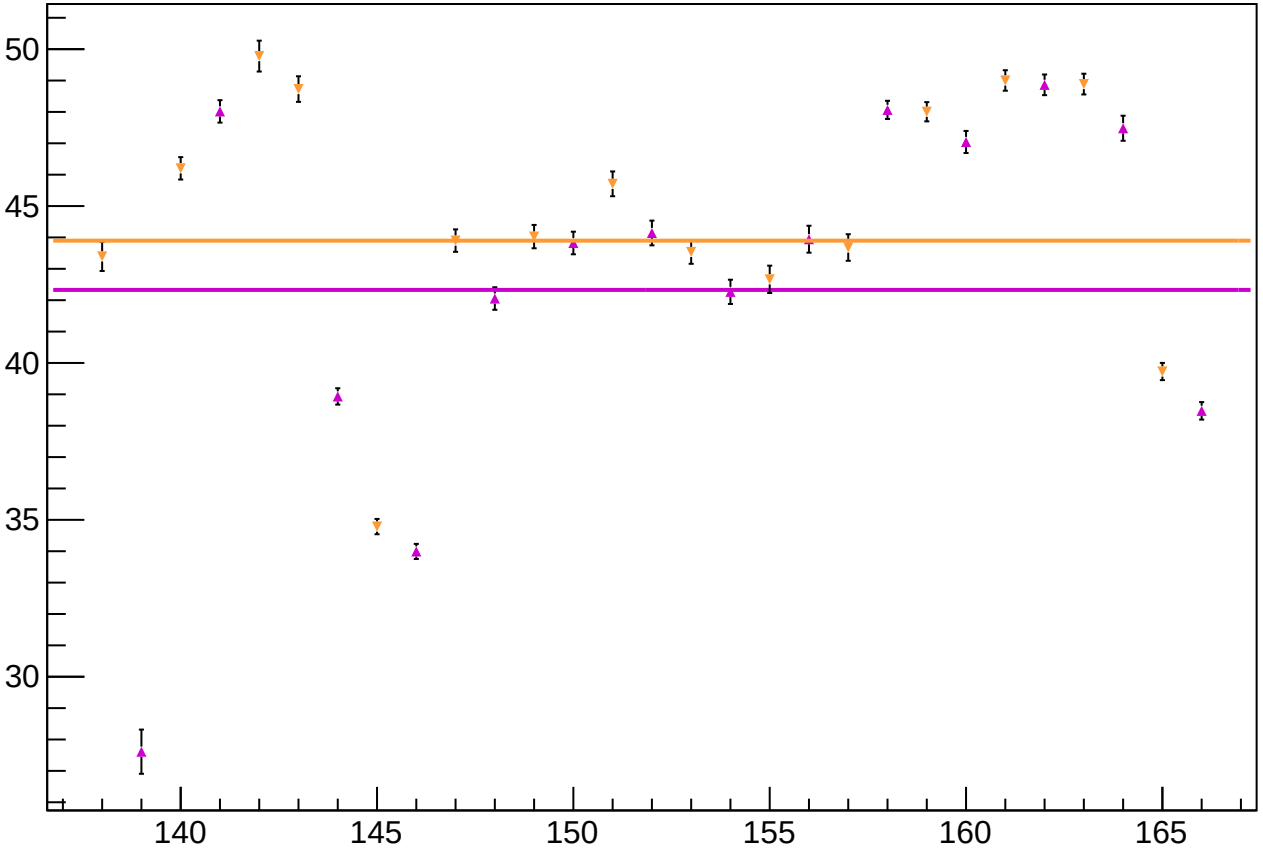
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 23.623+/-0.105 χ^2/NDF:3853.8/13

Out: 24.773+/-0.108 χ^2/NDF:3057.7/14

All: 24.180+/-0.075 χ^2/NDF: 6969.7/28

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: 43.897+/-0.091 χ^2/NDF:2633.9/14

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

Left In: 42.328+/-0.090 χ^2/NDF:3437.0/13

Left: 43.103+/-0.064 χ^2/NDF: 6222.0/28

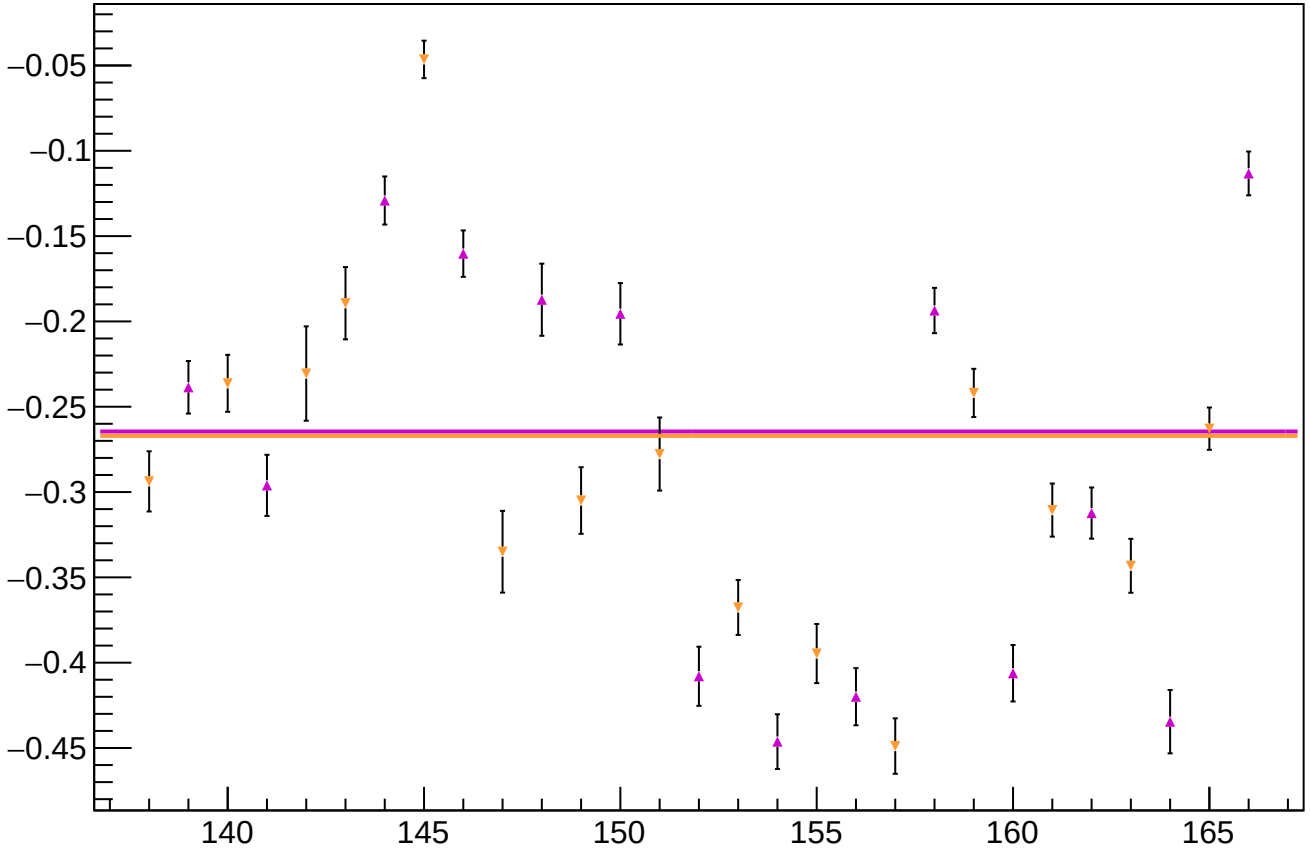
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 42.328+/-0.090 χ^2/NDF:3437.0/13

Out: 43.897+/-0.091 χ^2/NDF:2633.9/14

All: 43.103+/-0.064 χ^2/NDF: 6222.0/28

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: -0.267+/-0.004 χ^2/NDF:689.2/14

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

Left In: -0.265+/-0.004 χ^2/NDF:803.1/13

Left: -0.266+/-0.003 χ^2/NDF: 1492.5/28

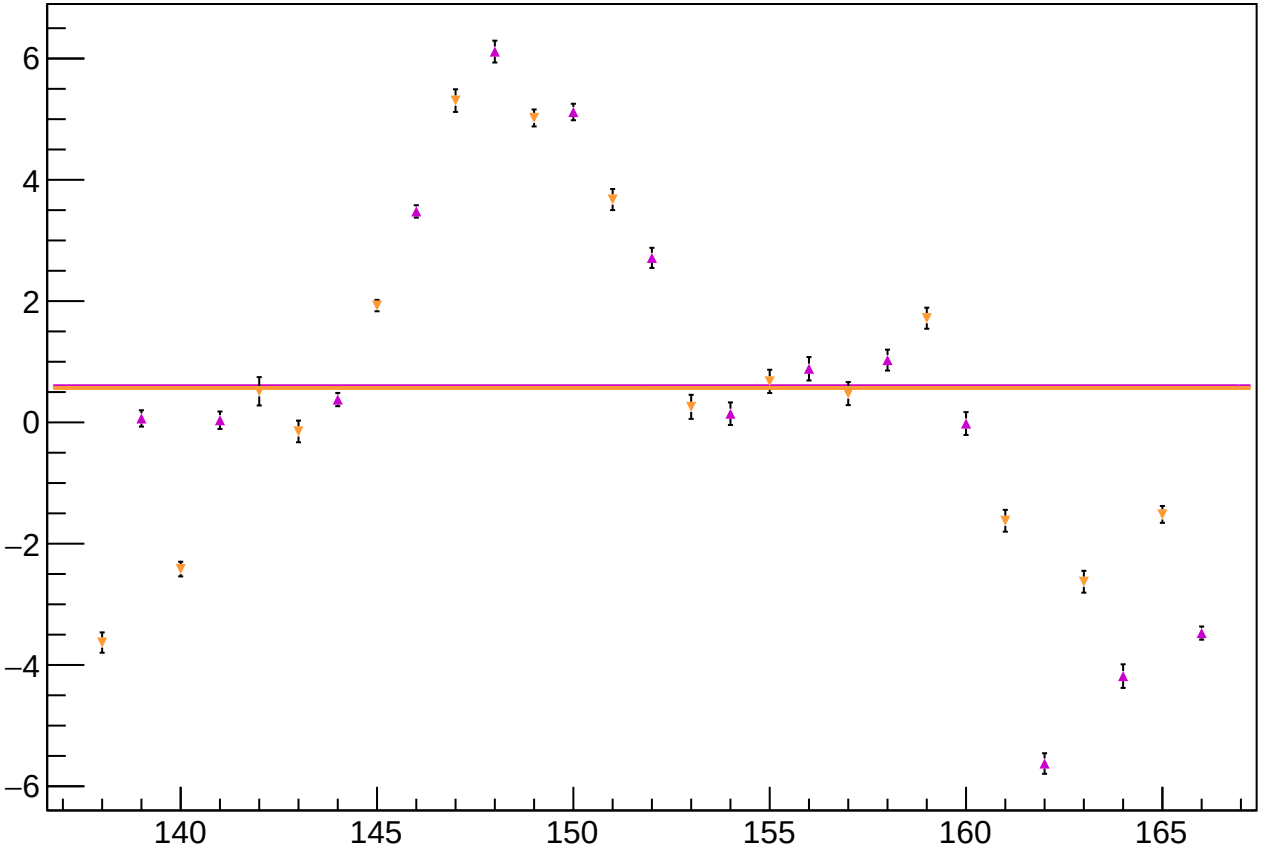
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.265+/-0.004 χ^2/NDF:803.1/13

Out: -0.267+/-0.004 χ^2/NDF:689.2/14

All: -0.266+/-0.003 χ^2/NDF: 1492.5/28

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 0.568+/-0.041 χ^2/NDF:4171.8/14

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

Left In: 0.596+/-0.039 χ^2/NDF:6407.5/13

Left: 0.582+/-0.028 χ^2/NDF: 10579.6/28

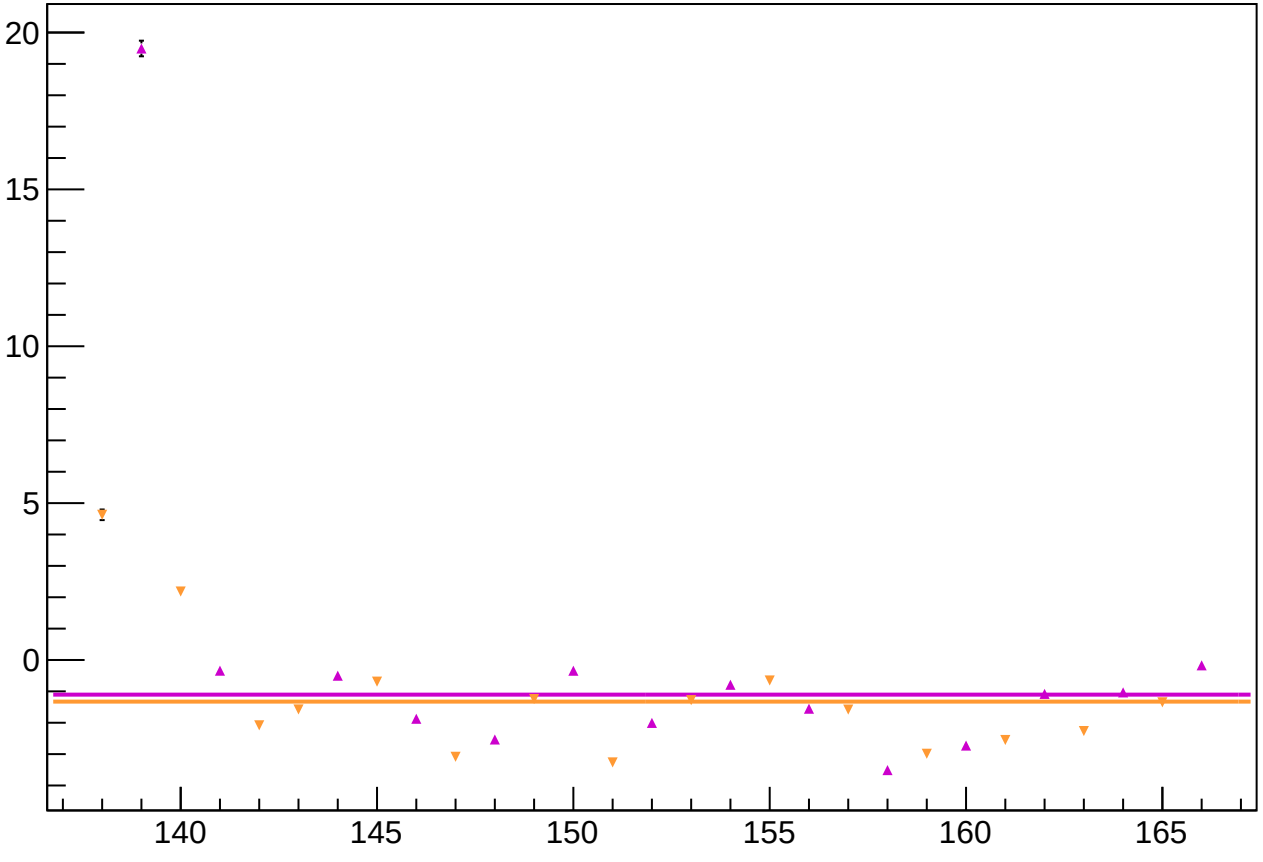
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.596+/-0.039 χ^2/NDF:6407.5/13

Out: 0.568+/-0.041 χ^2/NDF:4171.8/14

All: 0.582+/-0.028 χ^2/NDF: 10579.6/28

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -1.326+/-0.029 χ^2/NDF:3674.3/14

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

Left In: -1.104+/-0.028 χ^2/NDF:8143.3/13

Left: -1.212+/-0.020 χ^2/NDF: 11847.7/28

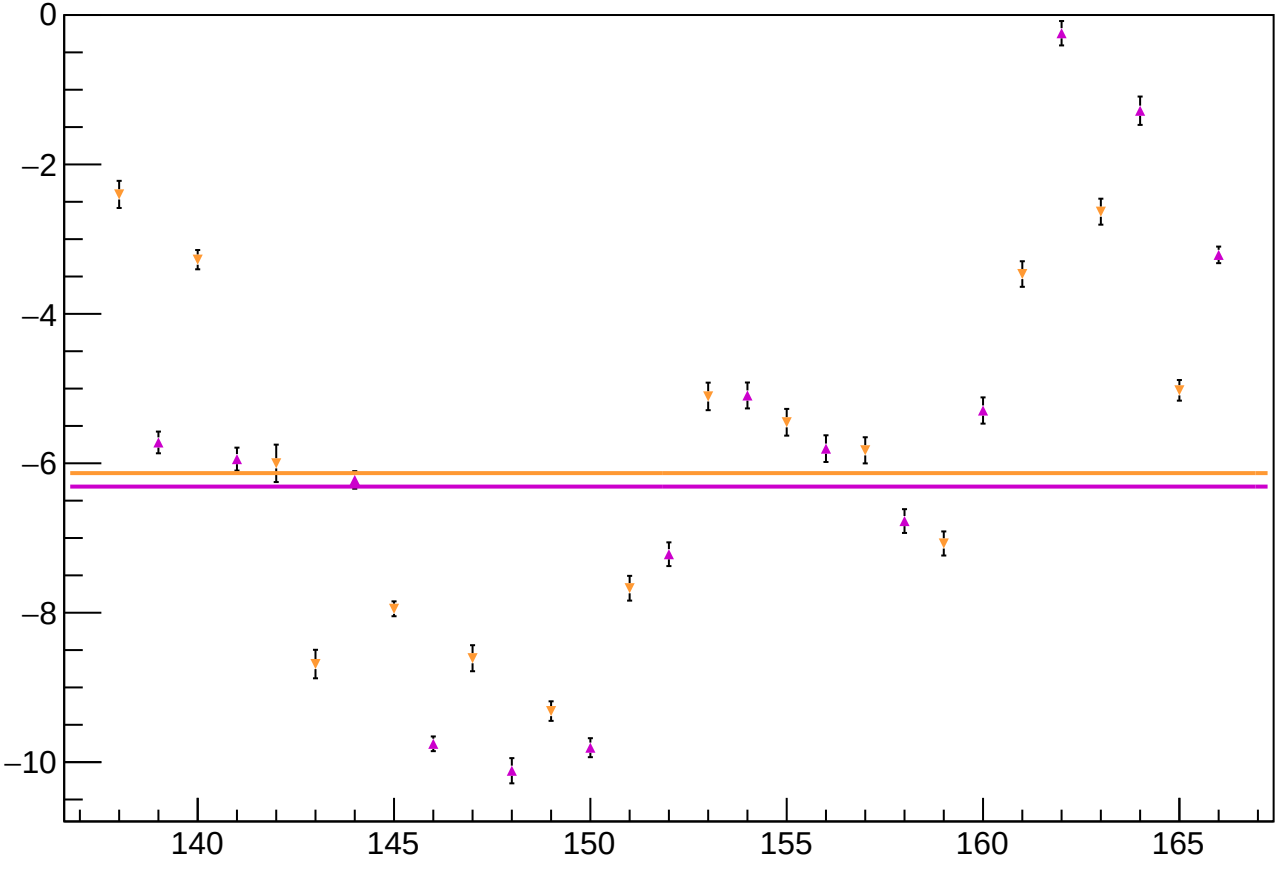
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -1.104+/-0.028 χ^2/NDF:8143.3/13

Out: -1.326+/-0.029 χ^2/NDF:3674.3/14

All: -1.212+/-0.020 χ^2/NDF: 11847.7/28

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -6.131+/-0.040 χ^2/NDF:3099.1/14

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

Left In: -6.312+/-0.038 χ^2/NDF:5505.8/13

Left: -6.227+/-0.028 χ^2/NDF: 8615.4/28

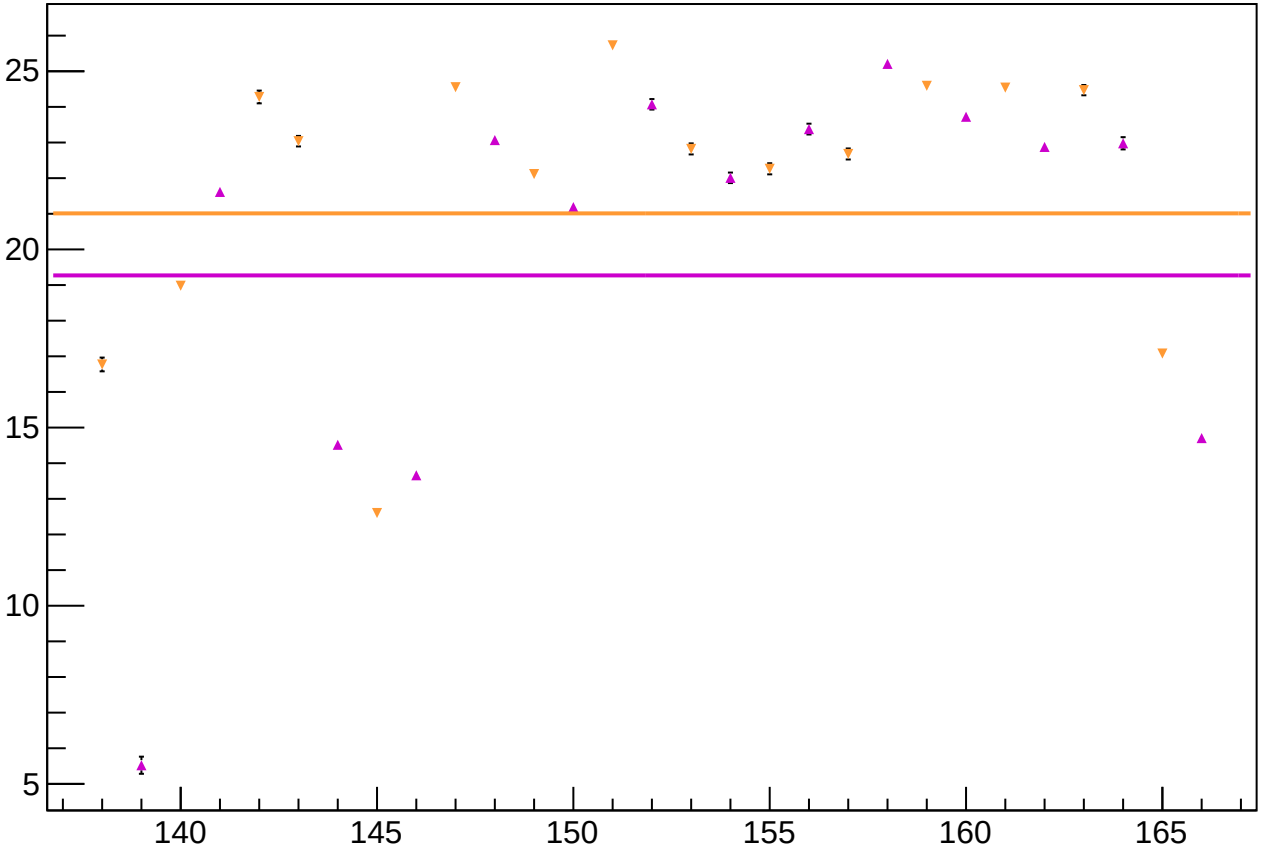
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.312+/-0.038 χ^2/NDF:5505.8/13

Out: -6.131+/-0.040 χ^2/NDF:3099.1/14

All: -6.227+/-0.028 χ^2/NDF: 8615.4/28

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: 21.012+/-0.034 χ^2/NDF:15986.0/14

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

Left In: 19.270+/-0.033 χ^2/NDF:20607.4/13

Left: 20.112+/-0.024 χ^2/NDF: 37950.4/28

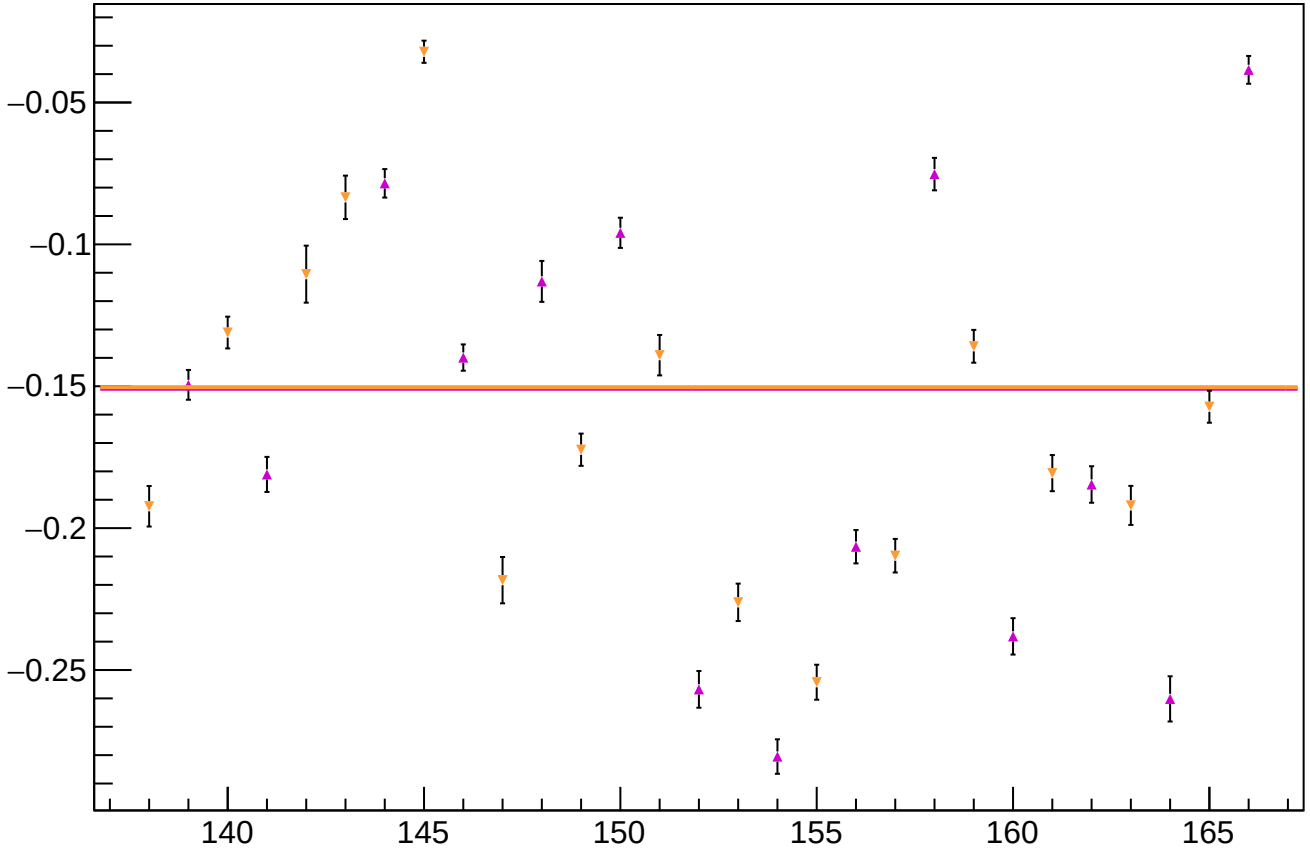
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 19.270+/-0.033 χ^2/NDF:20607.4/13

Out: 21.012+/-0.034 χ^2/NDF:15986.0/14

All: 20.112+/-0.024 χ^2/NDF: 37950.4/28

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: -0.150+/-0.002 χ^2/NDF:1724.6/14

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

Left In: -0.151+/-0.002 χ^2/NDF:2285.9/13

Left: -0.151+/-0.001 χ^2/NDF: 4010.6/28

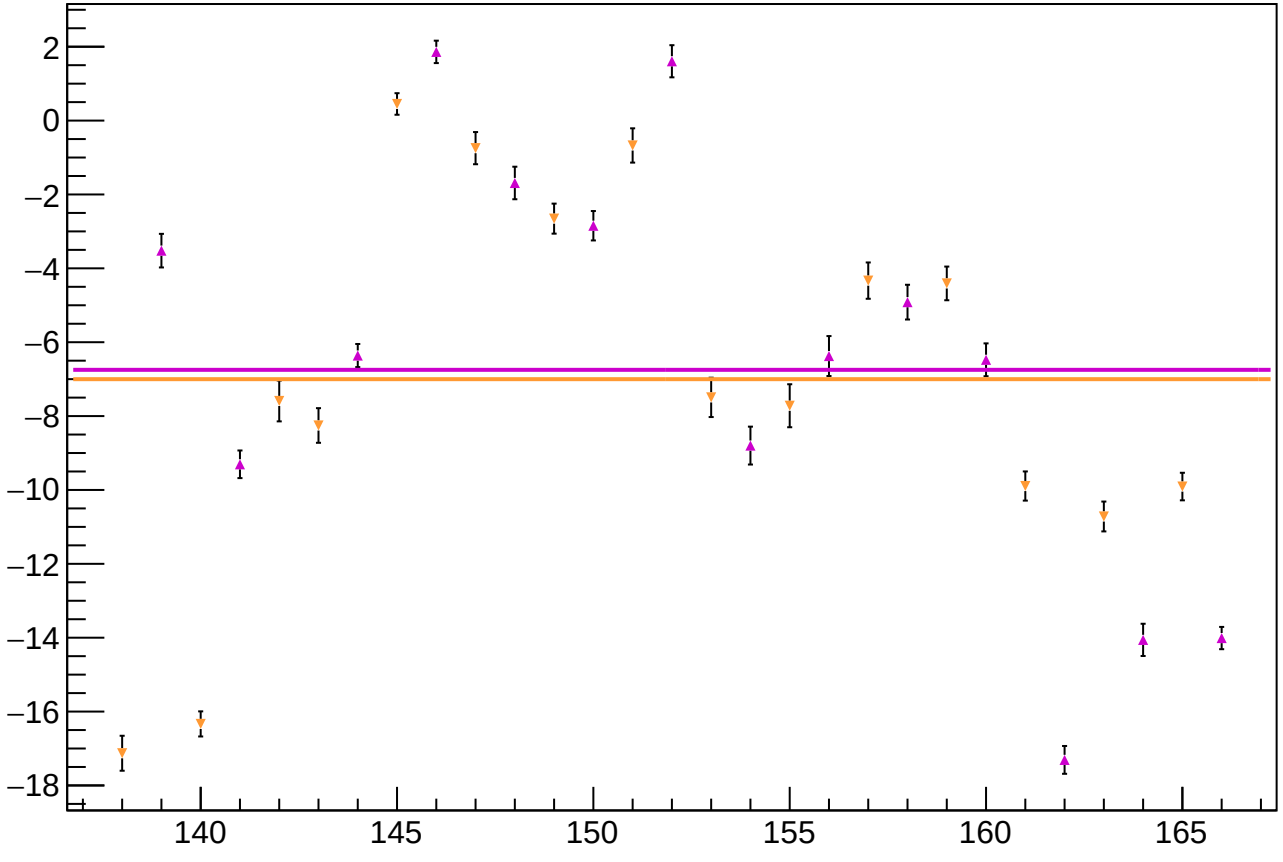
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -0.151+/-0.002 χ^2/NDF:2285.9/13

Out: -0.150+/-0.002 χ^2/NDF:1724.6/14

All: -0.151+/-0.001 χ^2/NDF: 4010.6/28

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: -7.001+/-0.109 χ^2/NDF:2640.0/14

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

Left In: -6.748+/-0.105 χ^2/NDF:3179.7/13

Left: -6.870+/-0.076 χ^2/NDF: 5822.6/28

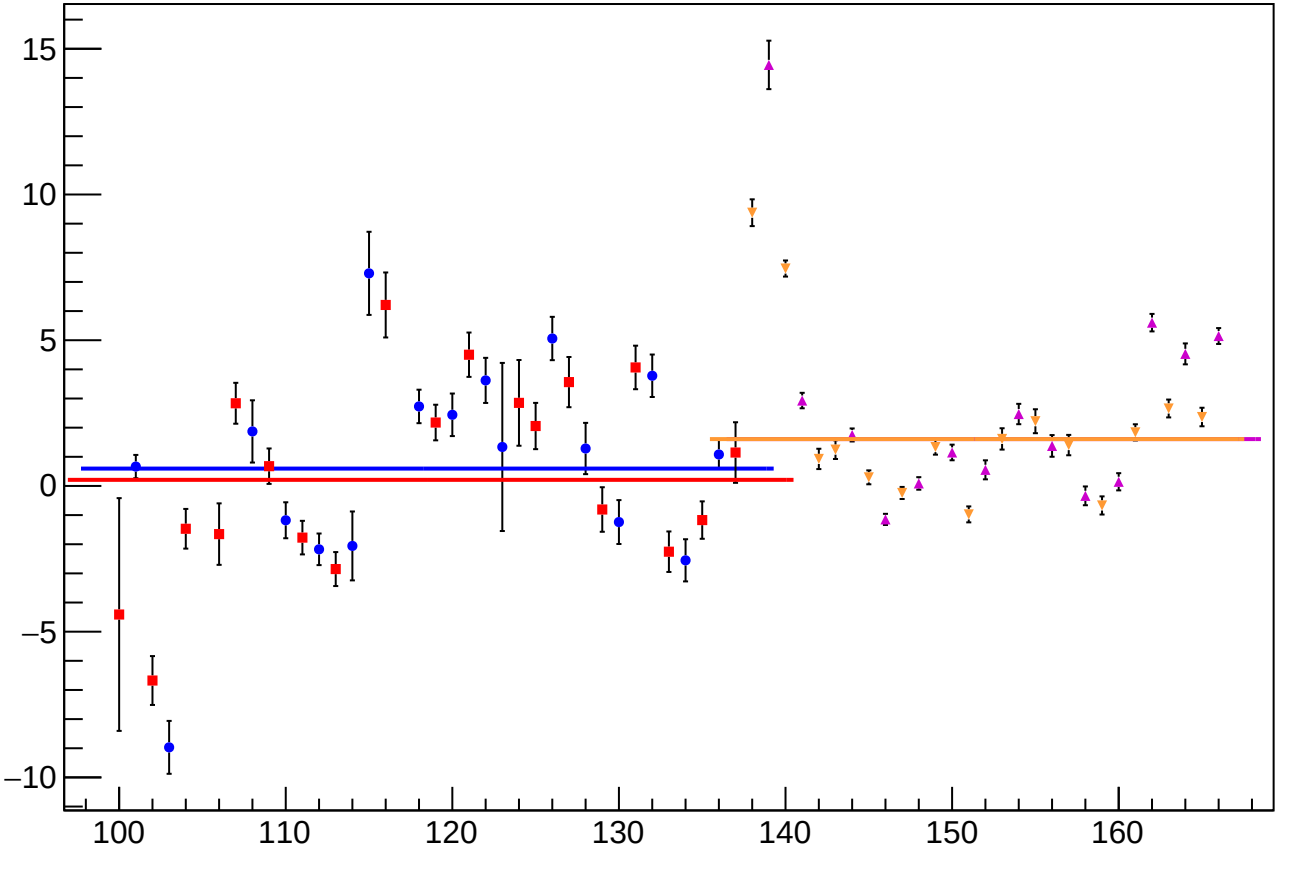
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -6.748+/-0.105 χ^2/NDF:3179.7/13

Out: -7.001+/-0.109 χ^2/NDF:2640.0/14

All: -6.870+/-0.076 χ^2/NDF: 5822.6/28

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596+/-0.169 χ^2/NDF: 291.2/16

Left Out: 1.608+/-0.077 χ^2/NDF:1013.7/14

Right Out: 0.209+/-0.175 χ^2/NDF: 273.5/18

Left In: 1.608+/-0.075 χ^2/NDF:1014.7/13

Left: 1.608+/-0.054 χ^2/NDF: 2028.5/28

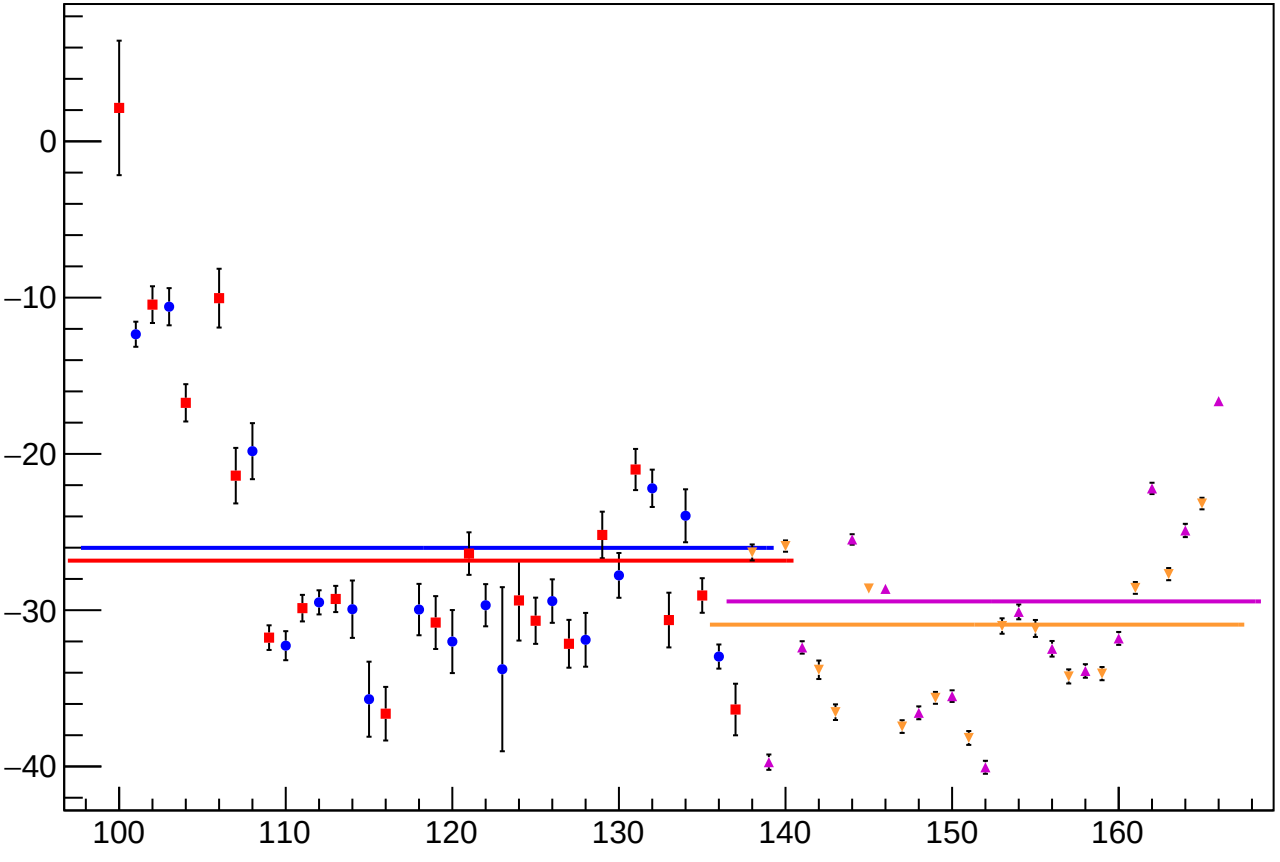
Right: 0.409+/-0.121 χ^2/NDF: 567.2/35

In: 1.440+/-0.069 χ^2/NDF:1335.8/30

Out: 1.382+/-0.070 χ^2/NDF:1341.0/33

All: 1.412+/-0.049 χ^2/NDF: 2677.2/64

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: -30.924+/-0.108 χ^2/NDF:1807.9/14

Right Out: -26.829+/-0.297 χ^2/NDF: 581.6/18

Left In: -29.438+/-0.104 χ^2/NDF:4281.4/13

Left: -30.149+/-0.075 χ^2/NDF: 6187.9/28

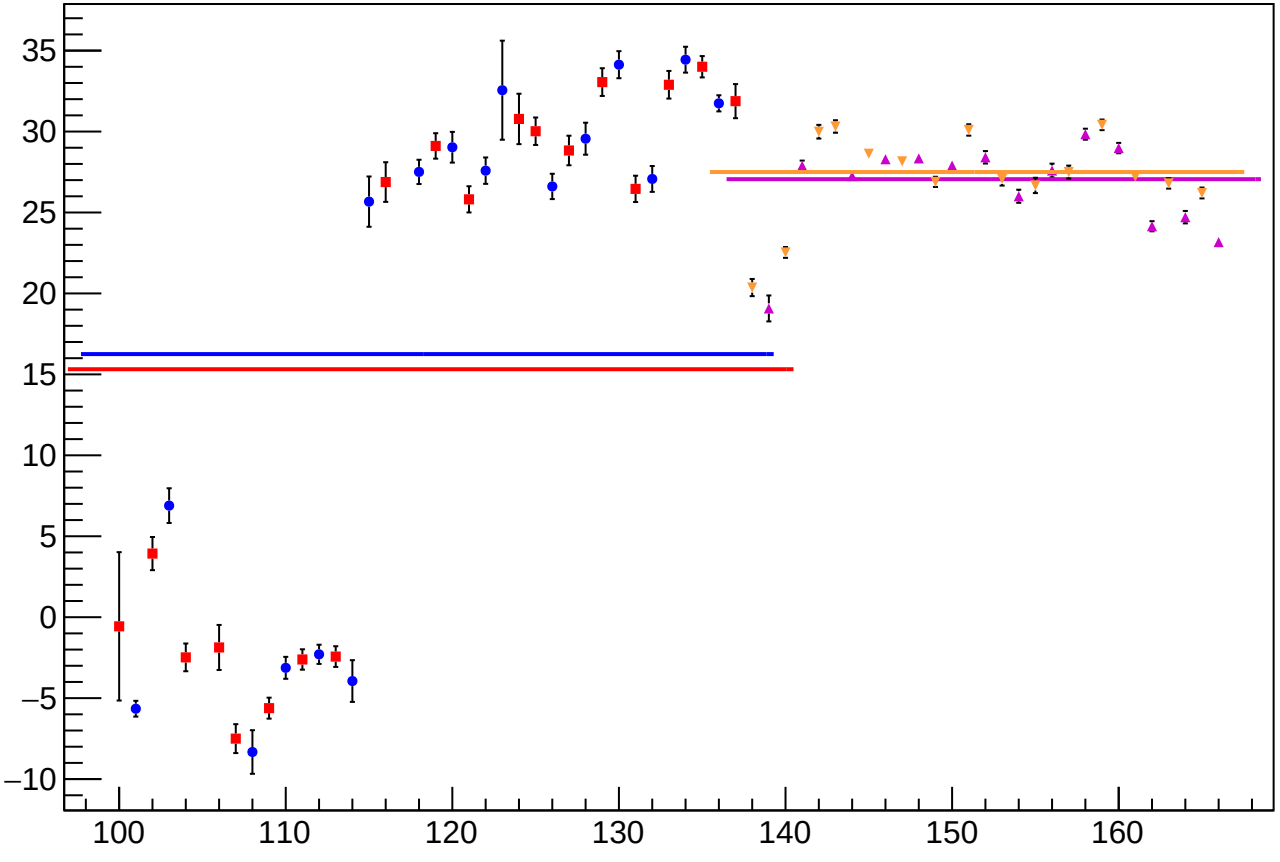
Right: -26.423+/-0.211 χ^2/NDF: 1278.3/35

In: -29.072+/-0.098 χ^2/NDF:5091.2/30

Out: -30.447+/-0.102 χ^2/NDF:2556.9/33

All: -29.734+/-0.070 χ^2/NDF: 7743.0/64

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253+/-0.191 χ^2/NDF: 7611.3/16

Left Out: 27.501+/-0.090 χ^2/NDF:673.6/14

Right Out: 15.318+/-0.197 χ^2/NDF: 7280.1/18

Left In: 27.058+/-0.088 χ^2/NDF:583.1/13

Left: 27.274+/-0.063 χ^2/NDF: 1269.2/28

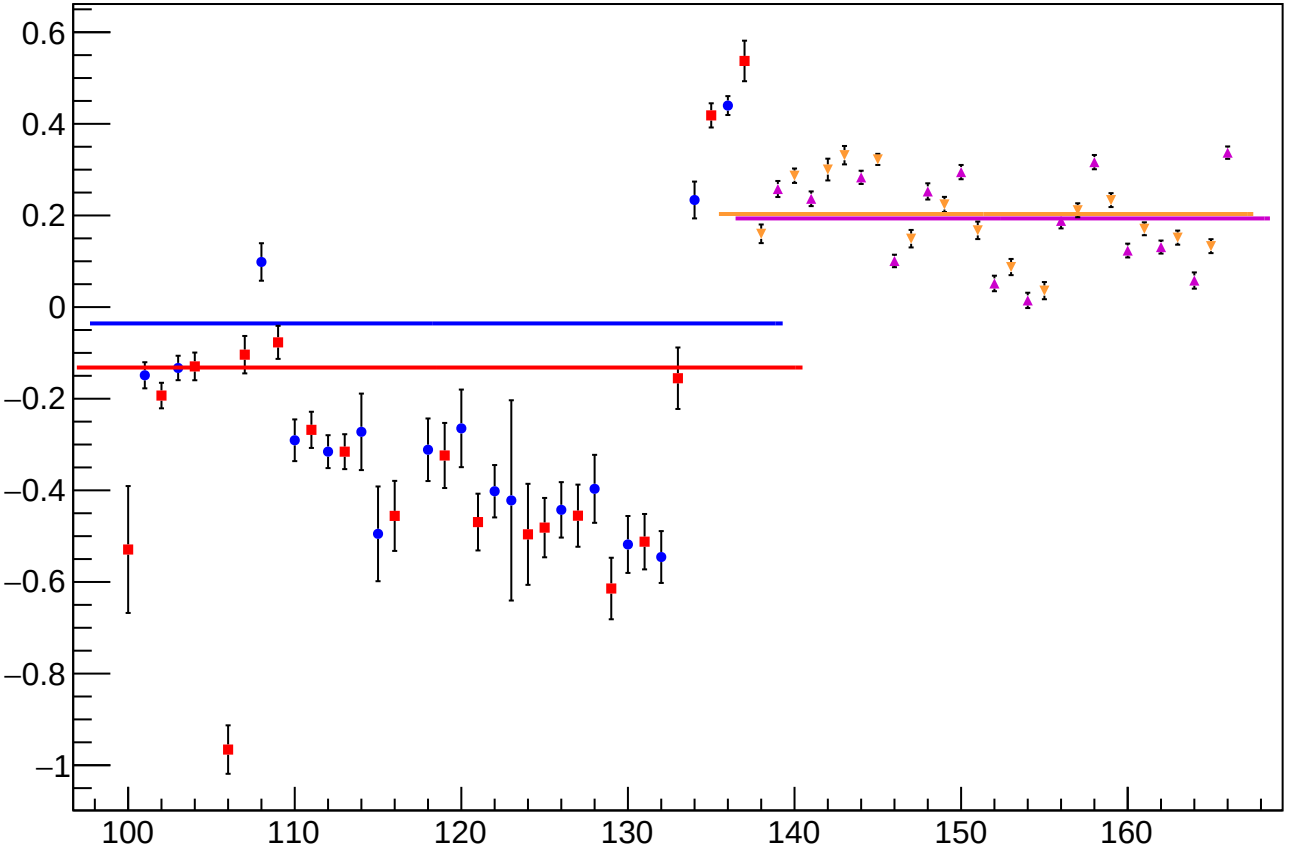
Right: 15.800+/-0.137 χ^2/NDF: 14903.0/35

In: 25.178+/-0.080 χ^2/NDF:10836.9/30

Out: 25.407+/-0.082 χ^2/NDF:11121.0/33

All: 25.289+/-0.057 χ^2/NDF: 21961.9/64

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: 0.203+/-0.004 χ^2/NDF:363.9/14

Right Out: -0.132+/-0.010 χ^2/NDF: 1171.3/18

Left In: 0.194+/-0.004 χ^2/NDF:617.0/13

Left: 0.198+/-0.003 χ^2/NDF: 983.6/28

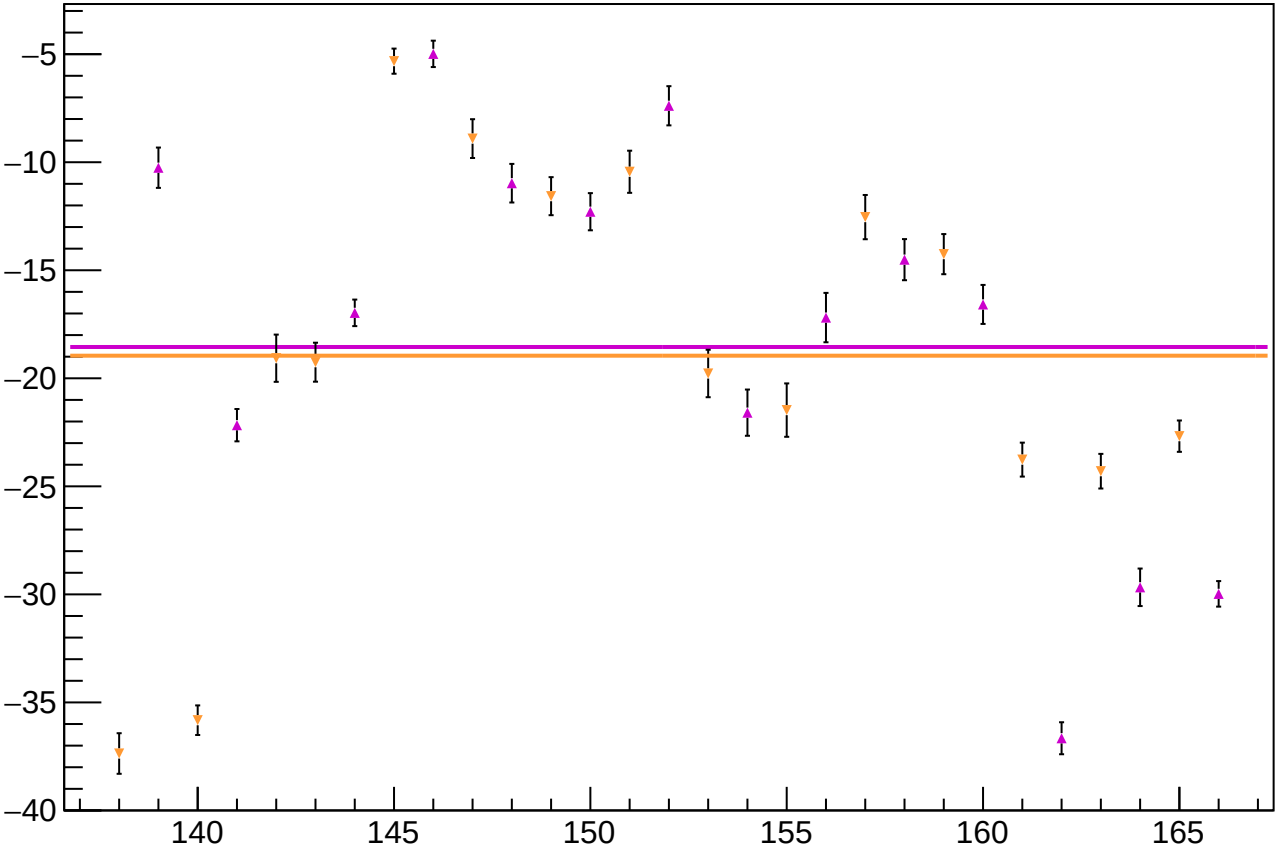
Right: -0.084+/-0.007 χ^2/NDF: 2229.1/35

In: 0.161+/-0.004 χ^2/NDF:2055.9/30

Out: 0.155+/-0.004 χ^2/NDF:2429.8/33

All: 0.158+/-0.003 χ^2/NDF: 4487.2/64

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: -18.954+/-0.221 χ^2/NDF:1990.3/14

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

Left In: -18.551+/-0.213 χ^2/NDF:2046.8/13

Left: -18.745+/-0.153 χ^2/NDF: 4038.8/28

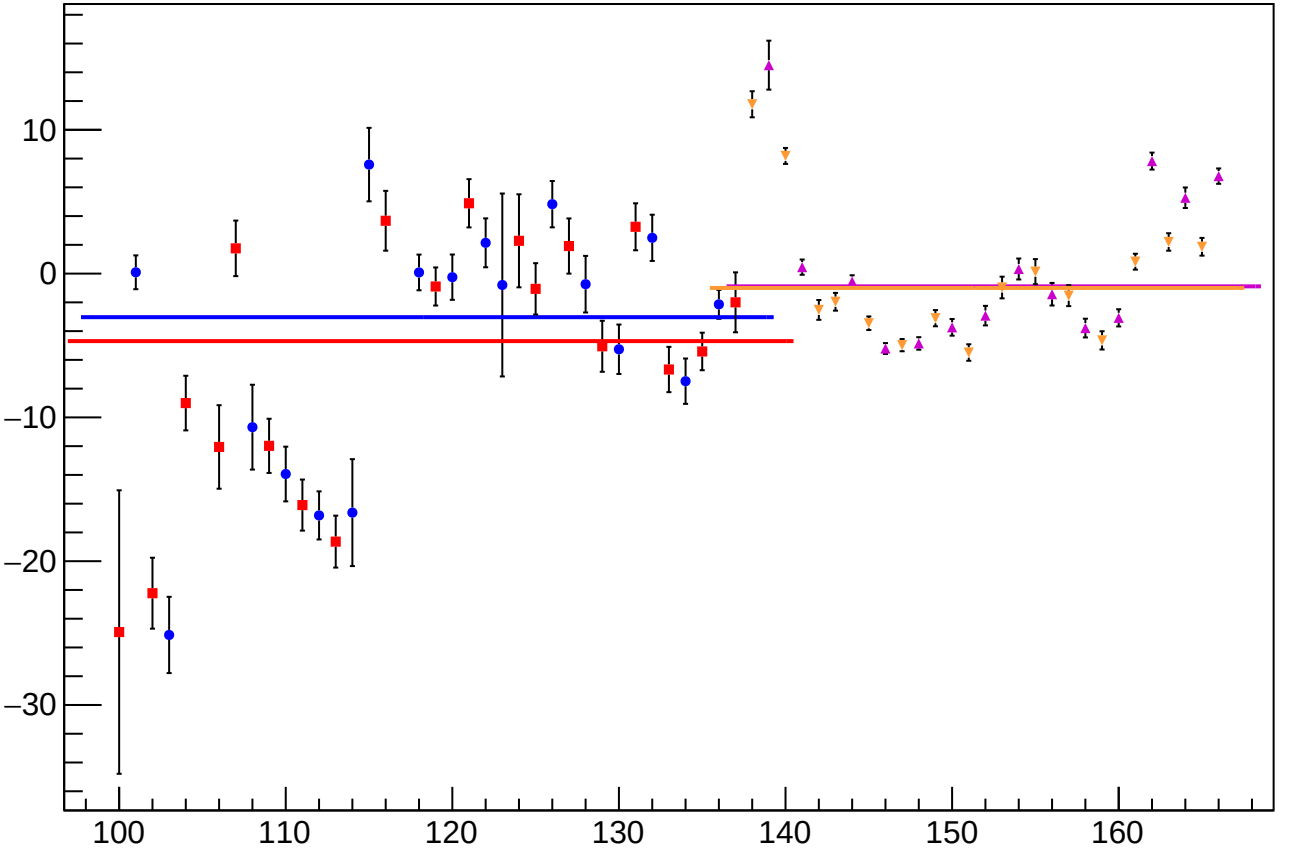
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.551+/-0.213 χ^2/NDF:2046.8/13

Out: -18.954+/-0.221 χ^2/NDF:1990.3/14

All: -18.745+/-0.153 χ^2/NDF: 4038.8/28

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.030+/-0.408 χ^2/NDF: 280.8/16

Left Out: -0.997+/-0.155 χ^2/NDF:764.2/14

Right Out: -4.694+/-0.427 χ^2/NDF: 298.3/18

Left In: -0.886+/-0.152 χ^2/NDF:871.0/13

Left: -0.940+/-0.108 χ^2/NDF: 1635.5/28

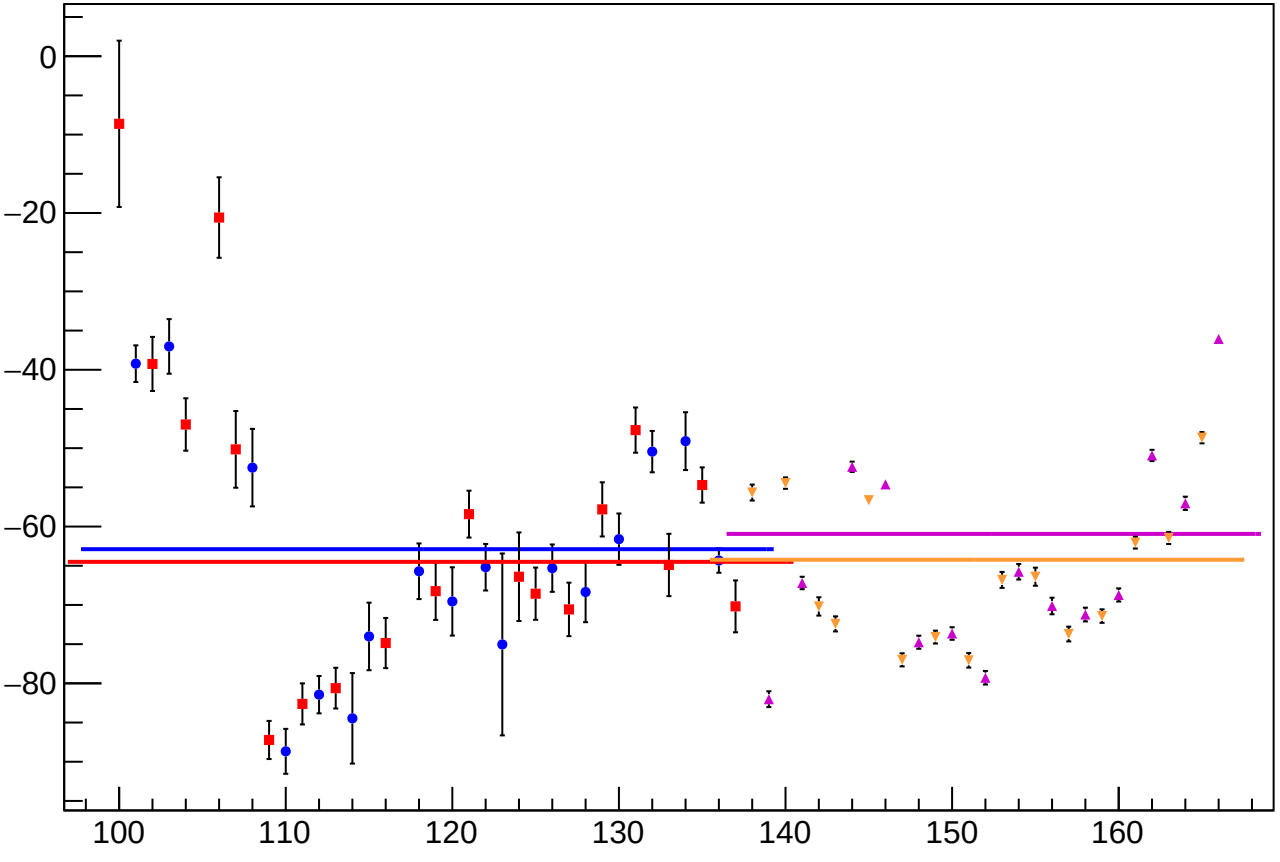
Right: -3.824+/-0.295 χ^2/NDF: 587.0/35

In: -1.147+/-0.142 χ^2/NDF:1176.1/30

Out: -1.430+/-0.146 χ^2/NDF:1128.8/33

All: -1.284+/-0.102 χ^2/NDF: 2306.9/64

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: -64.233+/-0.219 χ^2/NDF:1733.6/14

Right Out: -64.502+/-0.751 χ^2/NDF: 444.1/18

Left In: -60.937+/-0.209 χ^2/NDF:3998.0/13

Left: -62.512+/-0.151 χ^2/NDF: 5850.0/28

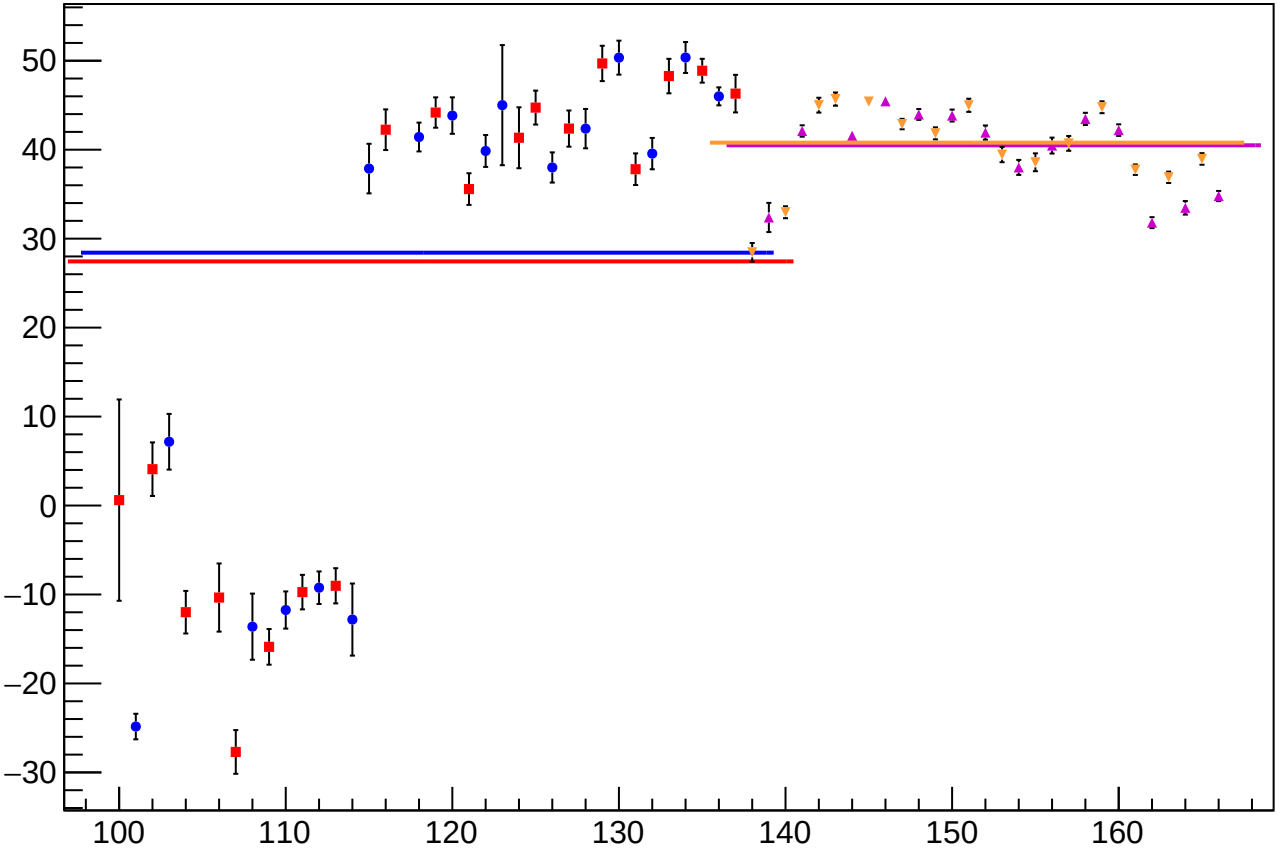
Right: -63.680+/-0.526 χ^2/NDF: 815.2/35

In: -61.082+/-0.201 χ^2/NDF:4373.1/30

Out: -64.254+/-0.210 χ^2/NDF:2177.8/33

All: -62.601+/-0.145 χ^2/NDF: 6669.7/64

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: 40.793+/-0.182 χ^2/NDF:576.2/14

Right Out: 27.441+/-0.479 χ^2/NDF: 3033.0/18

Left In: 40.494+/-0.177 χ^2/NDF:621.4/13

Left: 40.640+/-0.127 χ^2/NDF: 1199.0/28

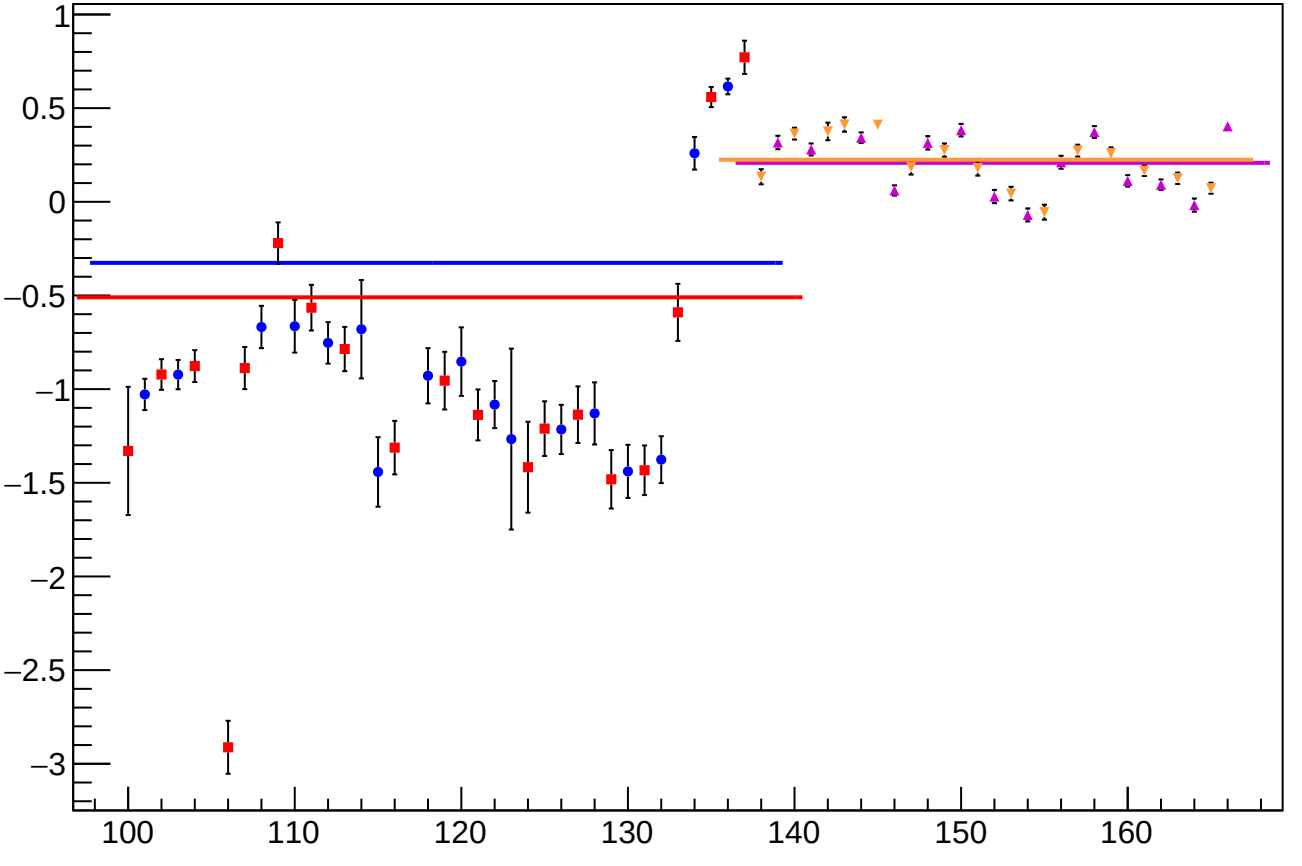
Right: 27.956+/-0.331 χ^2/NDF: 6365.5/35

In: 38.922+/-0.165 χ^2/NDF:4558.1/30

Out: 39.113+/-0.170 χ^2/NDF:4289.5/33

All: 39.015+/-0.118 χ^2/NDF: 8848.3/64

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: 0.225+/-0.009 χ^2/NDF:241.2/14

Right Out: -0.510+/-0.026 χ^2/NDF: 1169.4/18

Left In: 0.208+/-0.008 χ^2/NDF:339.3/13

Left: 0.216+/-0.006 χ^2/NDF: 582.4/28

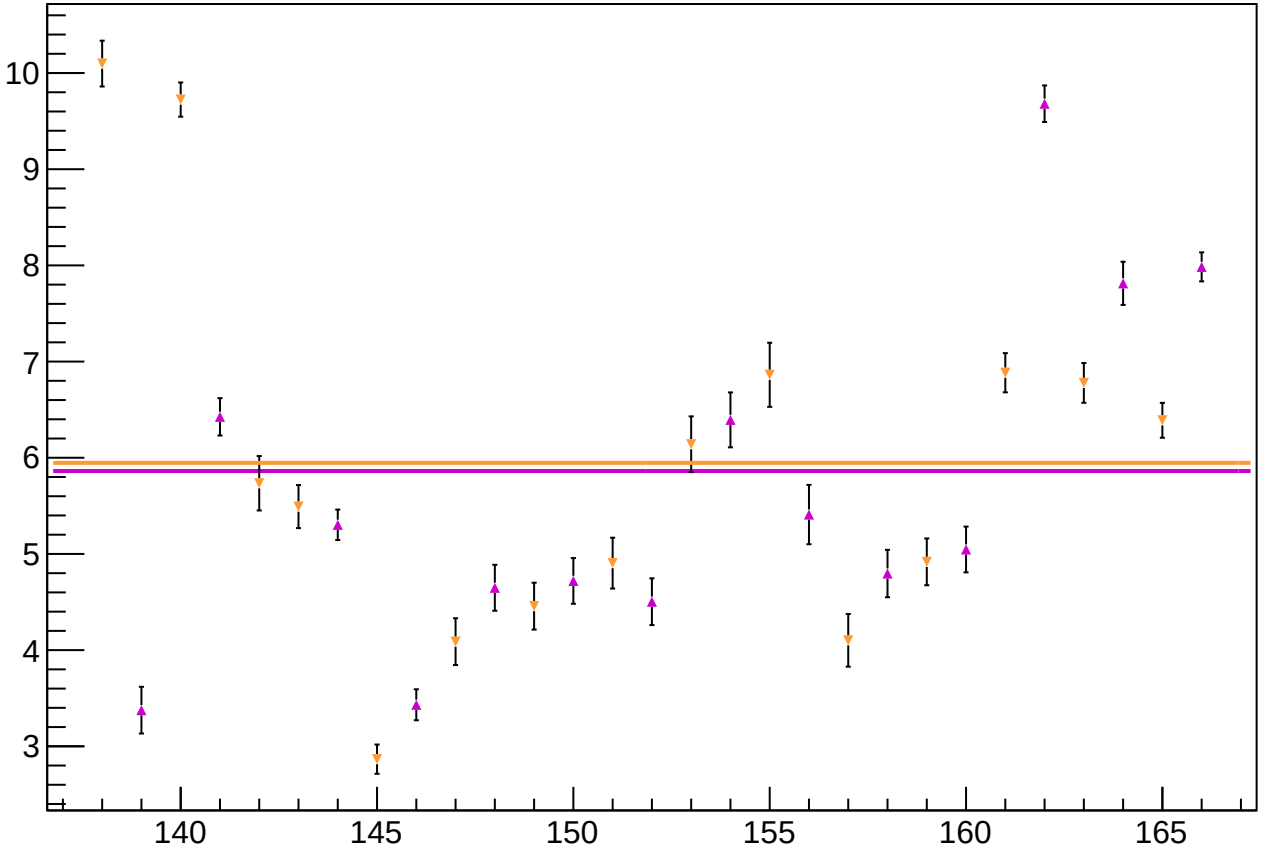
Right: -0.415+/-0.018 χ^2/NDF: 2208.8/35

In: 0.153+/-0.008 χ^2/NDF:1764.5/30

Out: 0.150+/-0.008 χ^2/NDF:2144.5/33

All: 0.151+/-0.006 χ^2/NDF: 3909.1/64

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 5.947+/-0.058 χ^2/NDF:1393.9/14

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

Left In: 5.862+/-0.056 χ^2/NDF:1147.5/13

Left: 5.903+/-0.040 χ^2/NDF: 2542.6/28

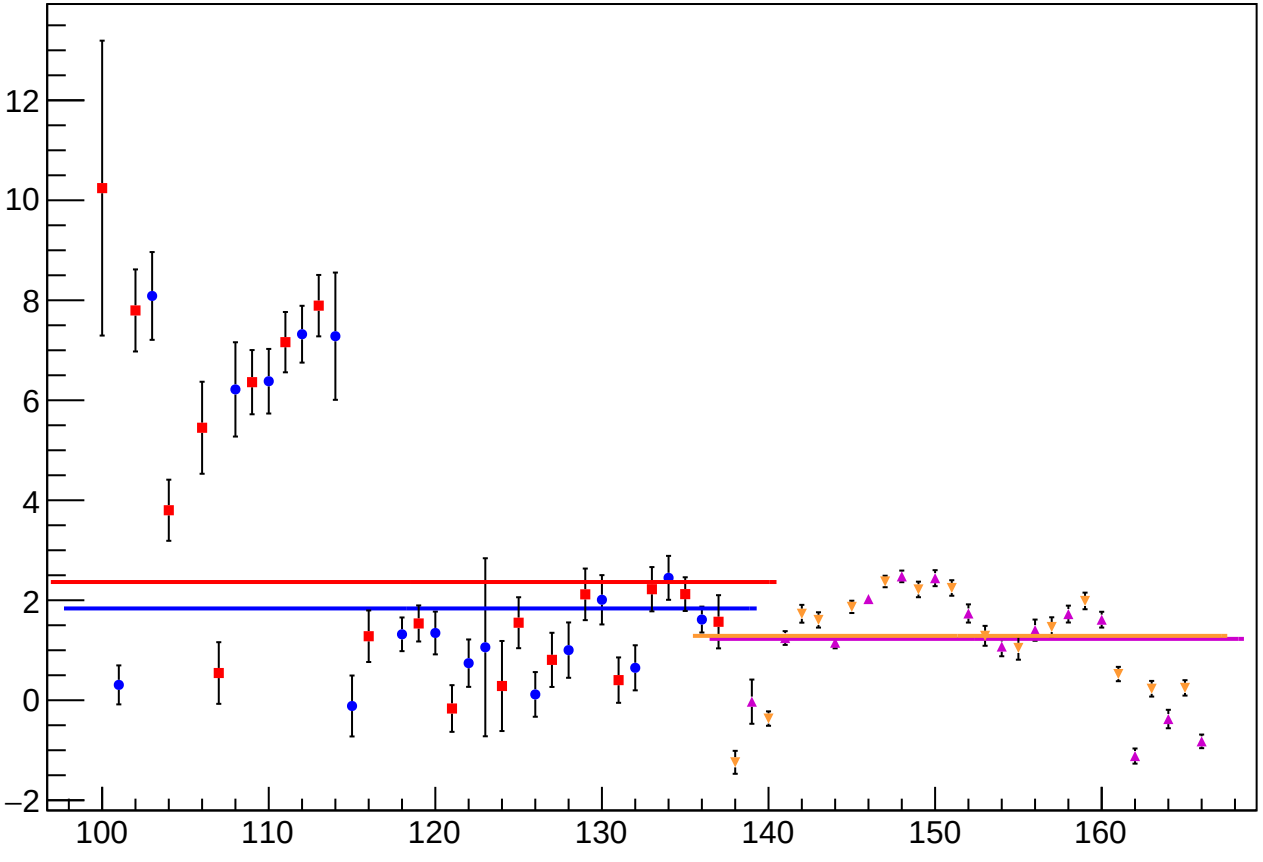
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 5.862+/-0.056 χ^2/NDF:1147.5/13

Out: 5.947+/-0.058 χ^2/NDF:1393.9/14

All: 5.903+/-0.040 χ^2/NDF: 2542.6/28

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836+/-0.116 χ^2/NDF: 294.9/16

Left Out: 1.288+/-0.041 χ^2/NDF:587.3/14

Right Out: 2.365+/-0.123 χ^2/NDF: 336.4/18

Left In: 1.228+/-0.040 χ^2/NDF:813.7/13

Left: 1.257+/-0.028 χ^2/NDF: 1402.1/28

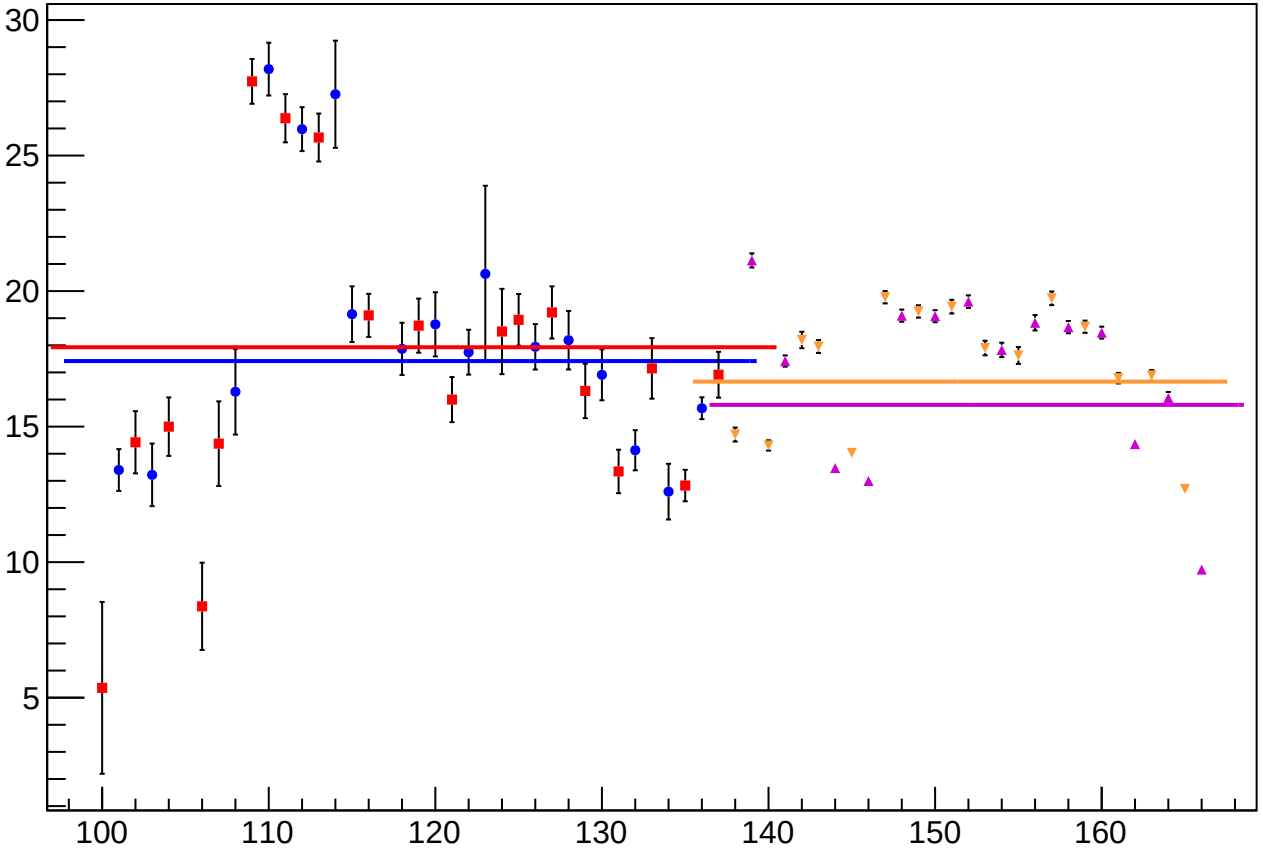
Right: 2.086+/-0.084 χ^2/NDF: 641.1/35

In: 1.291+/-0.038 χ^2/NDF:1133.2/30

Out: 1.395+/-0.039 χ^2/NDF:993.2/33

All: 1.341+/-0.027 χ^2/NDF: 2130.1/64

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: 16.660+/-0.057 χ^2/NDF:1711.3/14

Right Out: 17.929+/-0.219 χ^2/NDF: 506.3/18

Left In: 15.802+/-0.055 χ^2/NDF:3794.9/13

Left: 16.213+/-0.040 χ^2/NDF: 5623.5/28

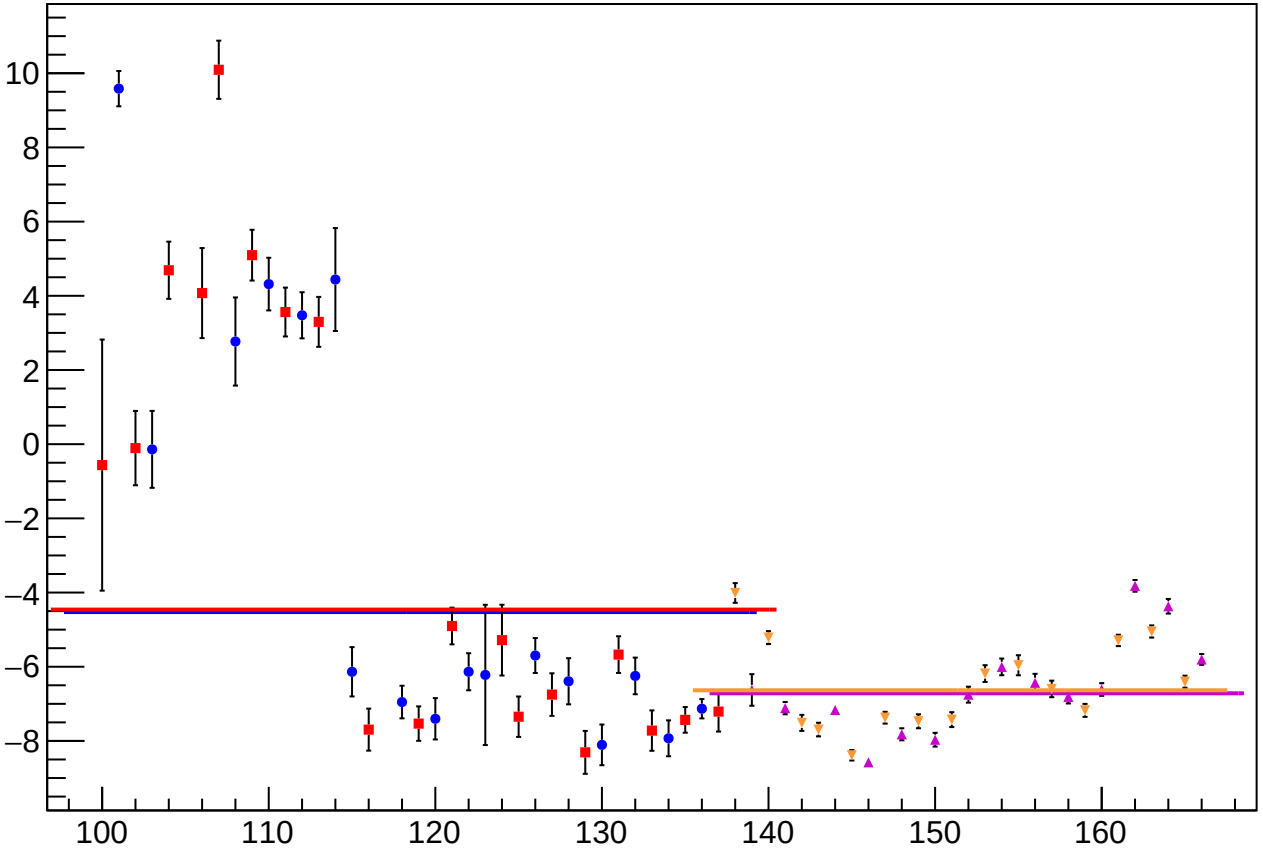
Right: 17.665+/-0.152 χ^2/NDF: 876.0/35

In: 15.904+/-0.053 χ^2/NDF:4216.4/30

Out: 16.741+/-0.055 χ^2/NDF:2249.1/33

All: 16.305+/-0.038 χ^2/NDF: 6584.8/64

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: -6.635+/-0.048 χ^2/NDF:613.5/14

Right Out: -4.459+/-0.137 χ^2/NDF: 1338.9/18

Left In: -6.716+/-0.046 χ^2/NDF:863.1/13

Left: -6.676+/-0.033 χ^2/NDF: 1478.1/28

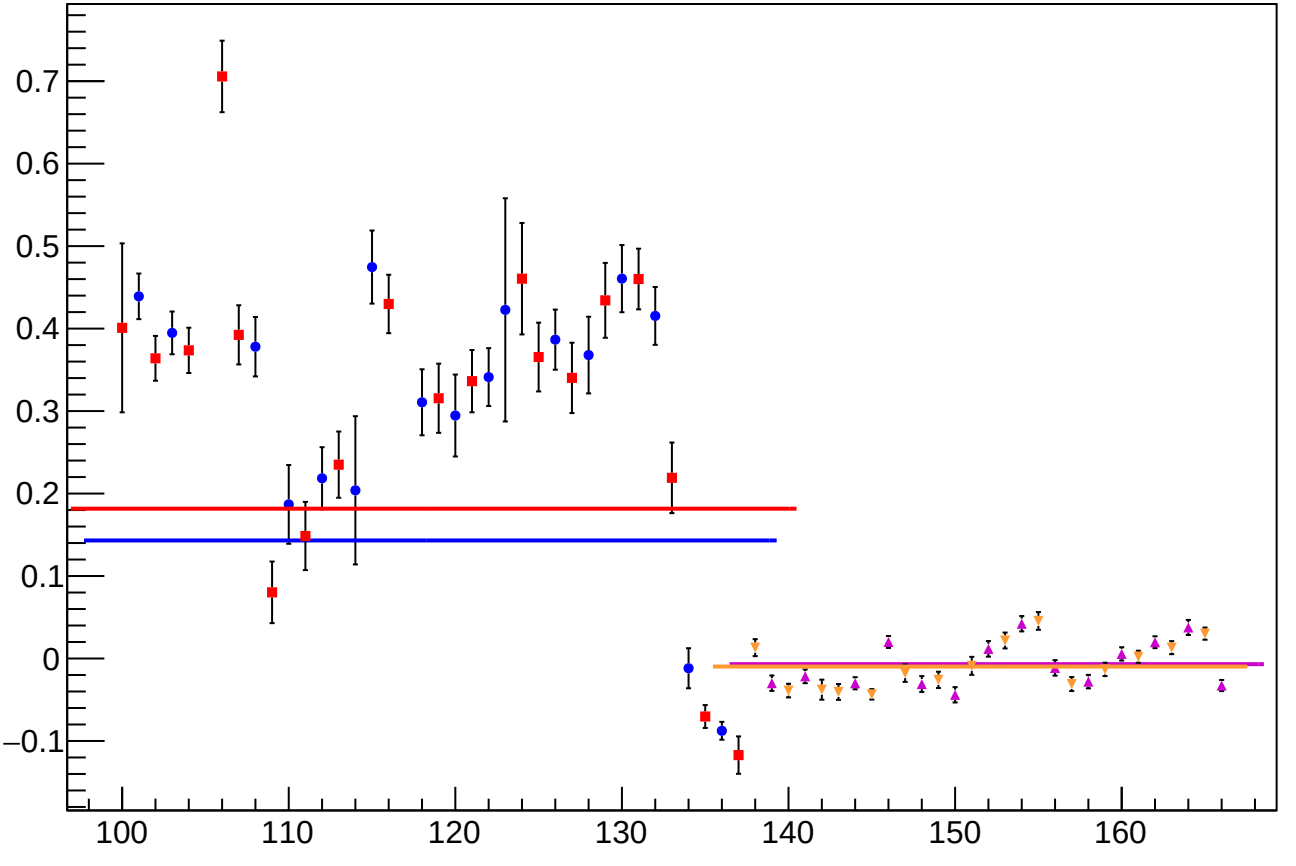
Right: -4.494+/-0.094 χ^2/NDF: 2929.2/35

In: -6.467+/-0.044 χ^2/NDF:2706.7/30

Out: -6.401+/-0.045 χ^2/NDF:2177.6/33

All: -6.435+/-0.031 χ^2/NDF: 4885.4/64

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: -0.010+/-0.002 χ^2/NDF:148.3/14

Right Out: 0.182+/-0.007 χ^2/NDF: 1007.8/18

Left In: -0.007+/-0.002 χ^2/NDF:148.2/13

Left: -0.008+/-0.002 χ^2/NDF: 297.4/28

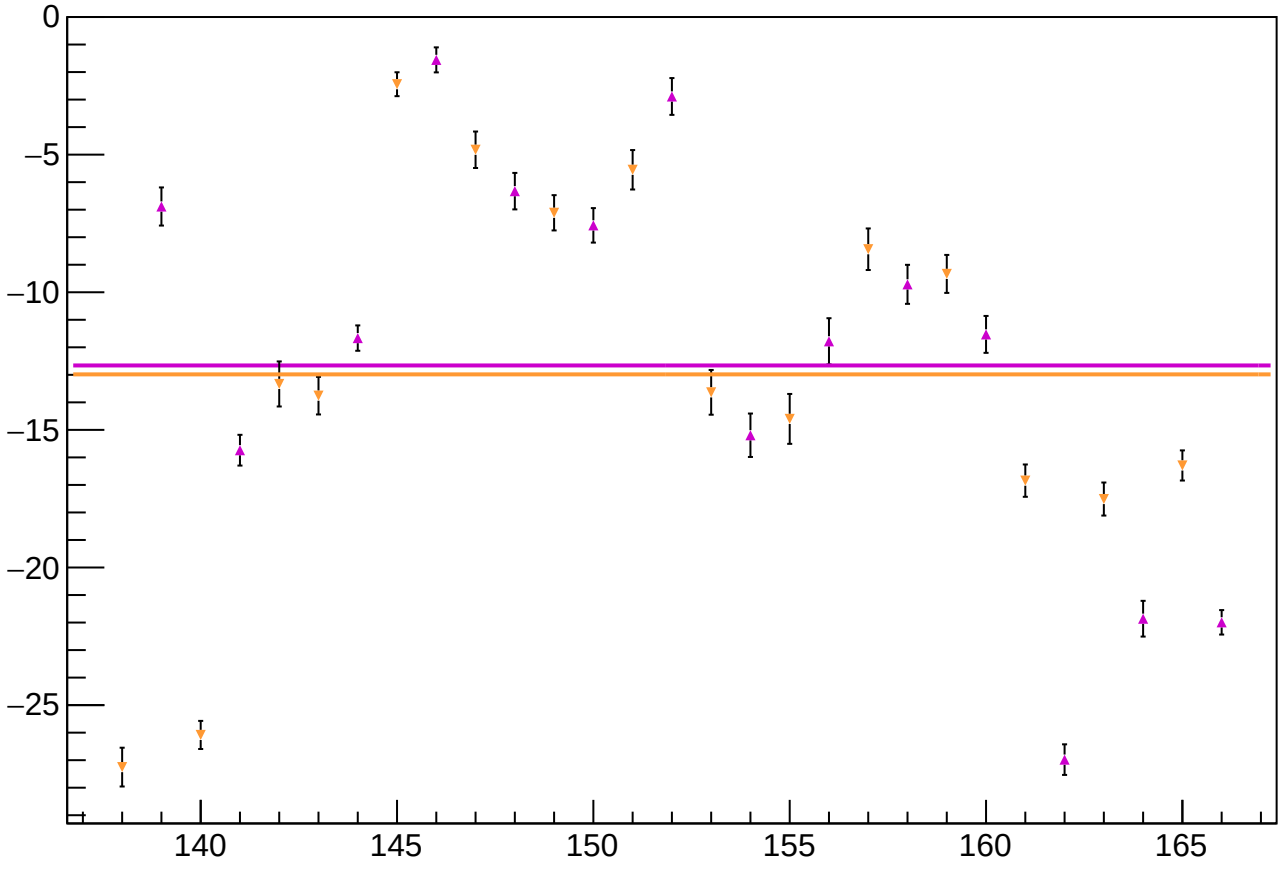
Right: 0.161+/-0.005 χ^2/NDF: 2082.4/35

In: 0.007+/-0.002 χ^2/NDF:1620.4/30

Out: 0.007+/-0.002 χ^2/NDF:1770.1/33

All: 0.007+/-0.002 χ^2/NDF: 3390.5/64

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: -12.983+/-0.164 χ^2/NDF:2207.4/14

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

Left In: -12.659+/-0.158 χ^2/NDF:2409.2/13

Left: -12.816+/-0.114 χ^2/NDF: 4618.7/28

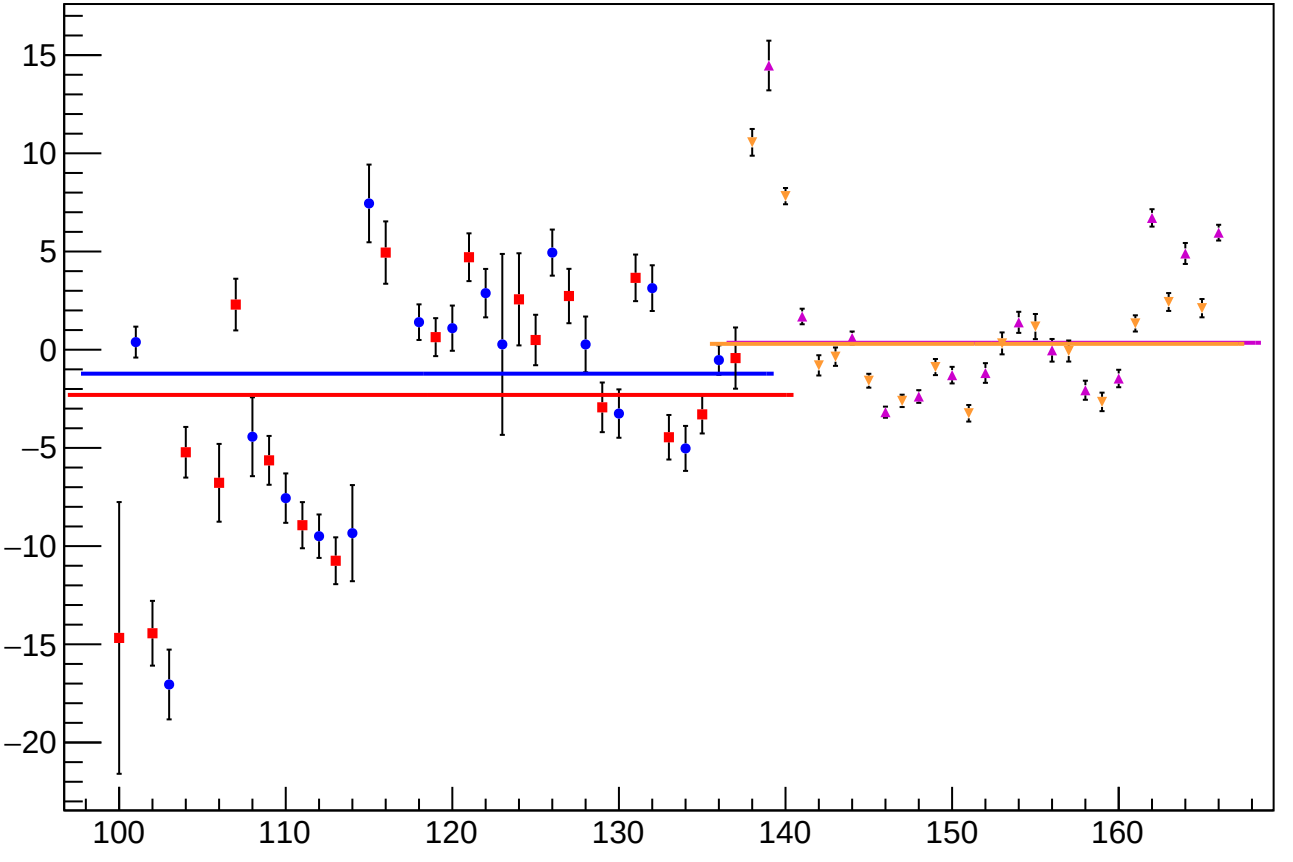
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -12.659+/-0.158 χ^2/NDF:2409.2/13

Out: -12.983+/-0.164 χ^2/NDF:2207.4/14

All: -12.816+/-0.114 χ^2/NDF: 4618.7/28

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220+/-0.290 χ^2/NDF: 278.6/16

Left Out: 0.299+/-0.116 χ^2/NDF:840.5/14

Right Out: -2.302+/-0.302 χ^2/NDF: 286.2/18

Left In: 0.353+/-0.113 χ^2/NDF:908.5/13

Left: 0.326+/-0.081 χ^2/NDF: 1749.0/28

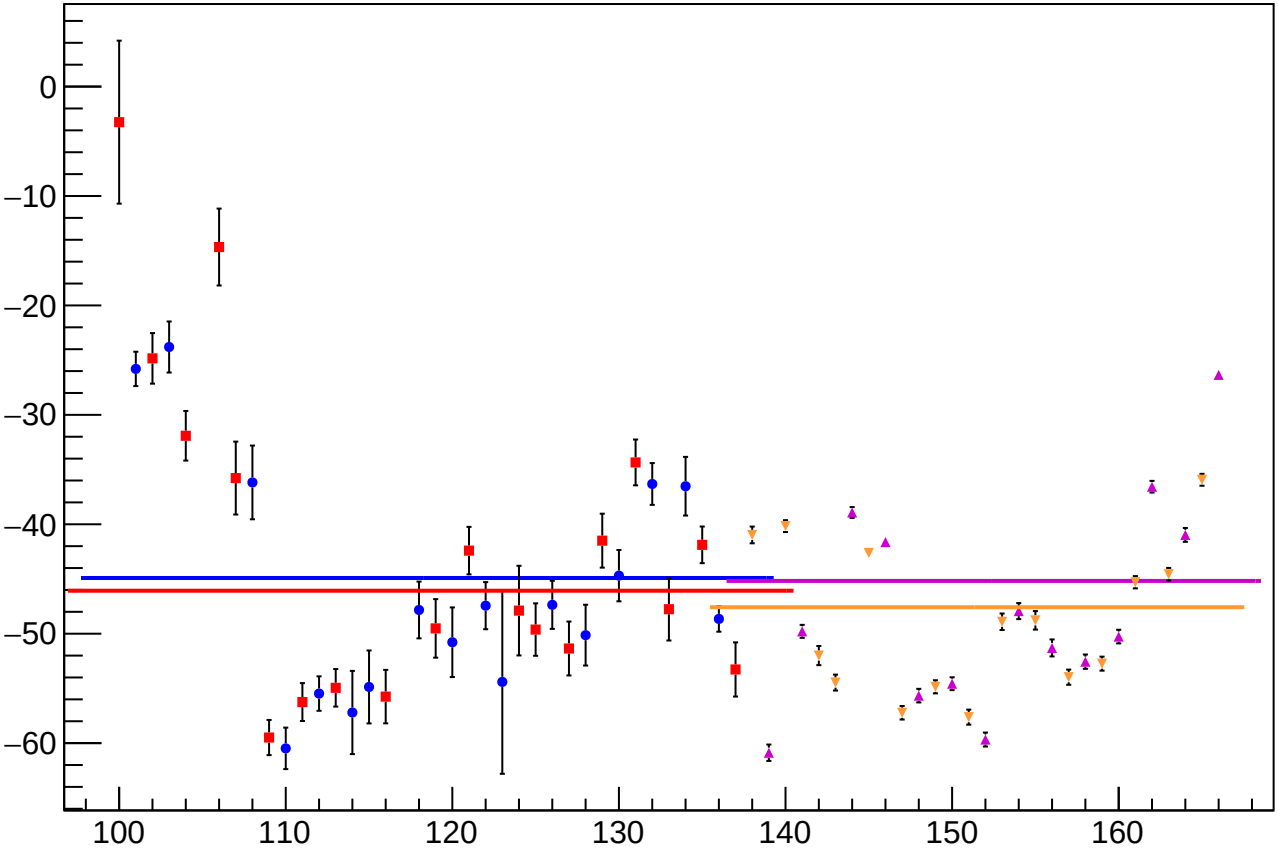
Right: -1.738+/-0.209 χ^2/NDF: 571.5/35

In: 0.146+/-0.105 χ^2/NDF:1212.6/30

Out: -0.033+/-0.108 χ^2/NDF:1191.2/33

All: 0.059+/-0.075 χ^2/NDF: 2405.2/64

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: -47.580+/-0.163 χ^2/NDF:1753.0/14

Right Out: -46.071+/-0.528 χ^2/NDF: 454.0/18

Left In: -45.176+/-0.156 χ^2/NDF:4084.4/13

Left: -46.325+/-0.113 χ^2/NDF: 5951.2/28

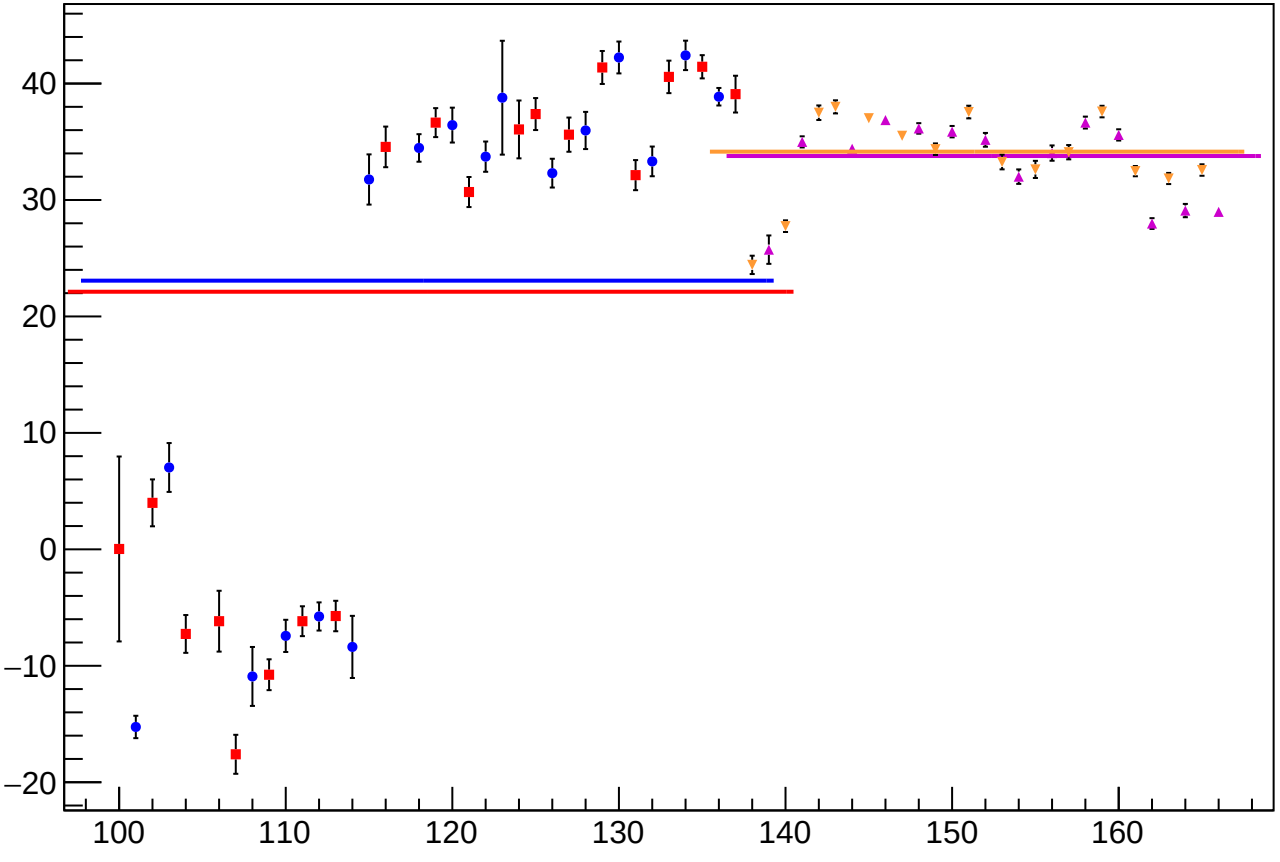
Right: -45.483+/-0.371 χ^2/NDF: 877.6/35

In: -45.154+/-0.149 χ^2/NDF:4505.8/30

Out: -47.450+/-0.156 χ^2/NDF:2214.5/33

All: -46.254+/-0.108 χ^2/NDF: 6833.5/64

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073+/-0.326 χ^2/NDF: 4346.0/16

Left Out: 34.152+/-0.135 χ^2/NDF:591.9/14

Right Out: 22.122+/-0.340 χ^2/NDF: 4034.4/18

Left In: 33.776+/-0.132 χ^2/NDF:582.2/13

Left: 33.959+/-0.094 χ^2/NDF: 1178.1/28

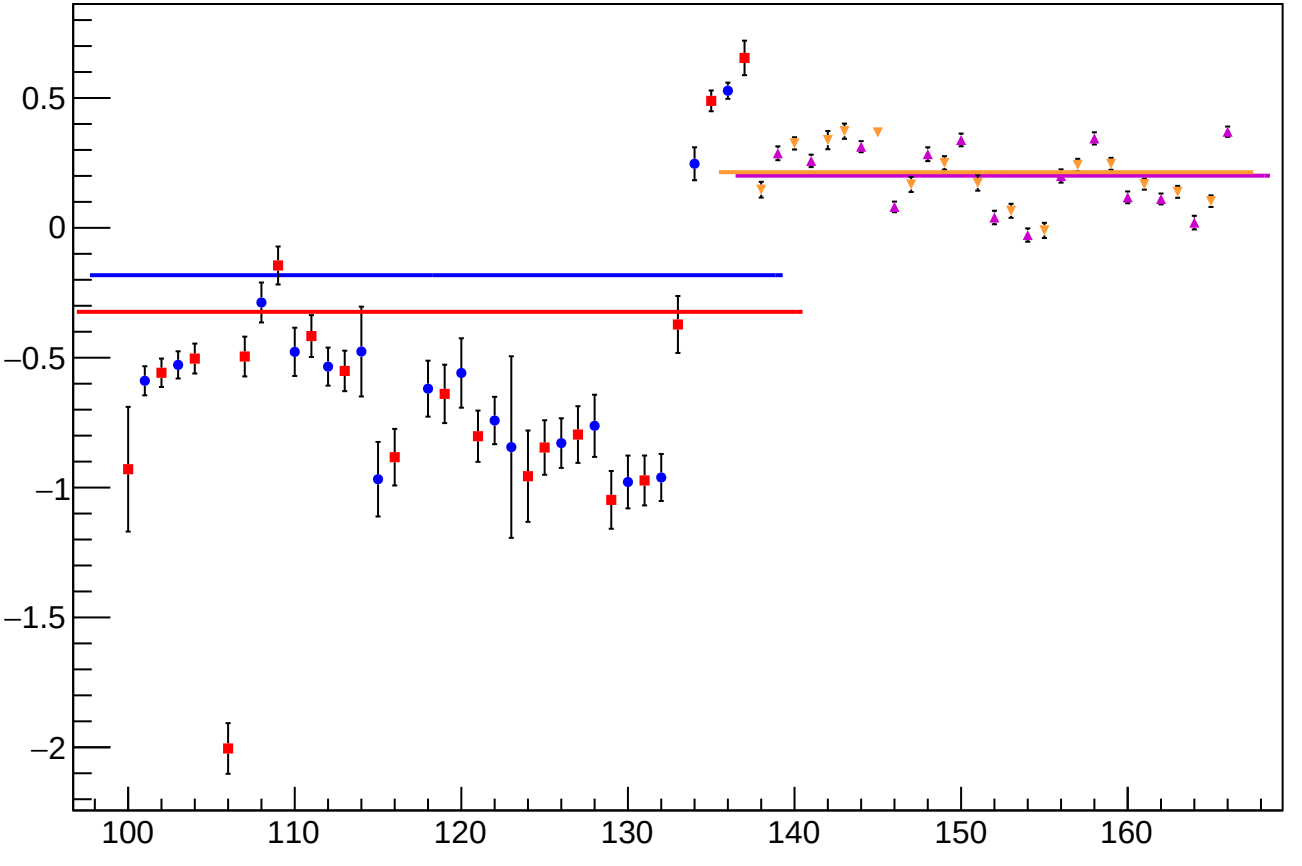
Right: 22.617+/-0.235 χ^2/NDF: 8384.4/35

In: 32.274+/-0.122 χ^2/NDF:5854.9/30

Out: 32.510+/-0.126 χ^2/NDF:5708.0/33

All: 32.389+/-0.088 χ^2/NDF: 11564.7/64

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: 0.214+/-0.006 χ^2/NDF:279.7/14

Right Out: -0.323+/-0.018 χ^2/NDF: 1184.5/18

Left In: 0.201+/-0.006 χ^2/NDF:424.1/13

Left: 0.207+/-0.004 χ^2/NDF: 706.1/28

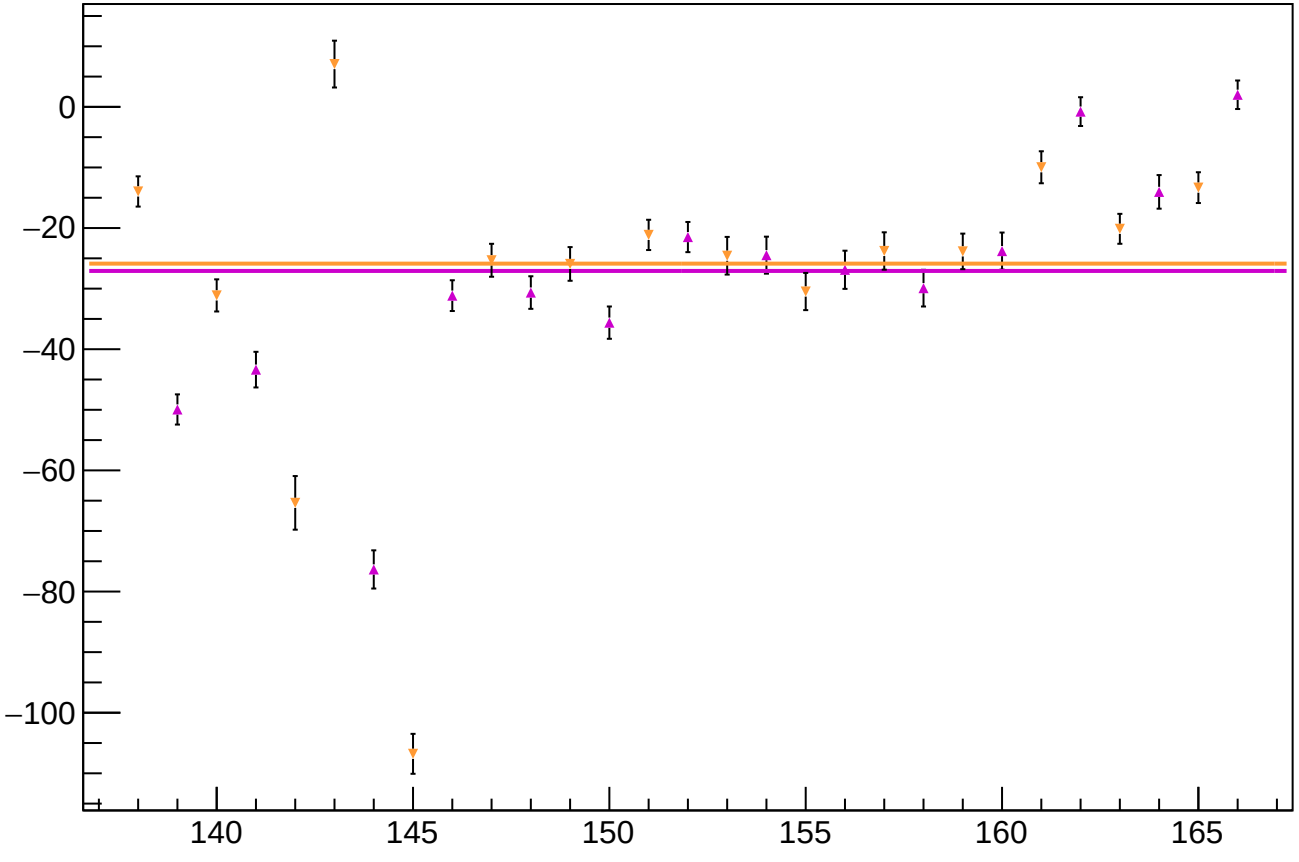
Right: -0.251+/-0.013 χ^2/NDF: 2213.4/35

In: 0.158+/-0.006 χ^2/NDF:1837.1/30

Out: 0.154+/-0.006 χ^2/NDF:2242.7/33

All: 0.156+/-0.004 χ^2/NDF: 4080.0/64

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -25.874+/-0.739 χ^2/NDF:854.4/14

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

Left In: -27.080+/-0.729 χ^2/NDF:678.8/13

Left: -26.486+/-0.519 χ^2/NDF: 1534.5/28

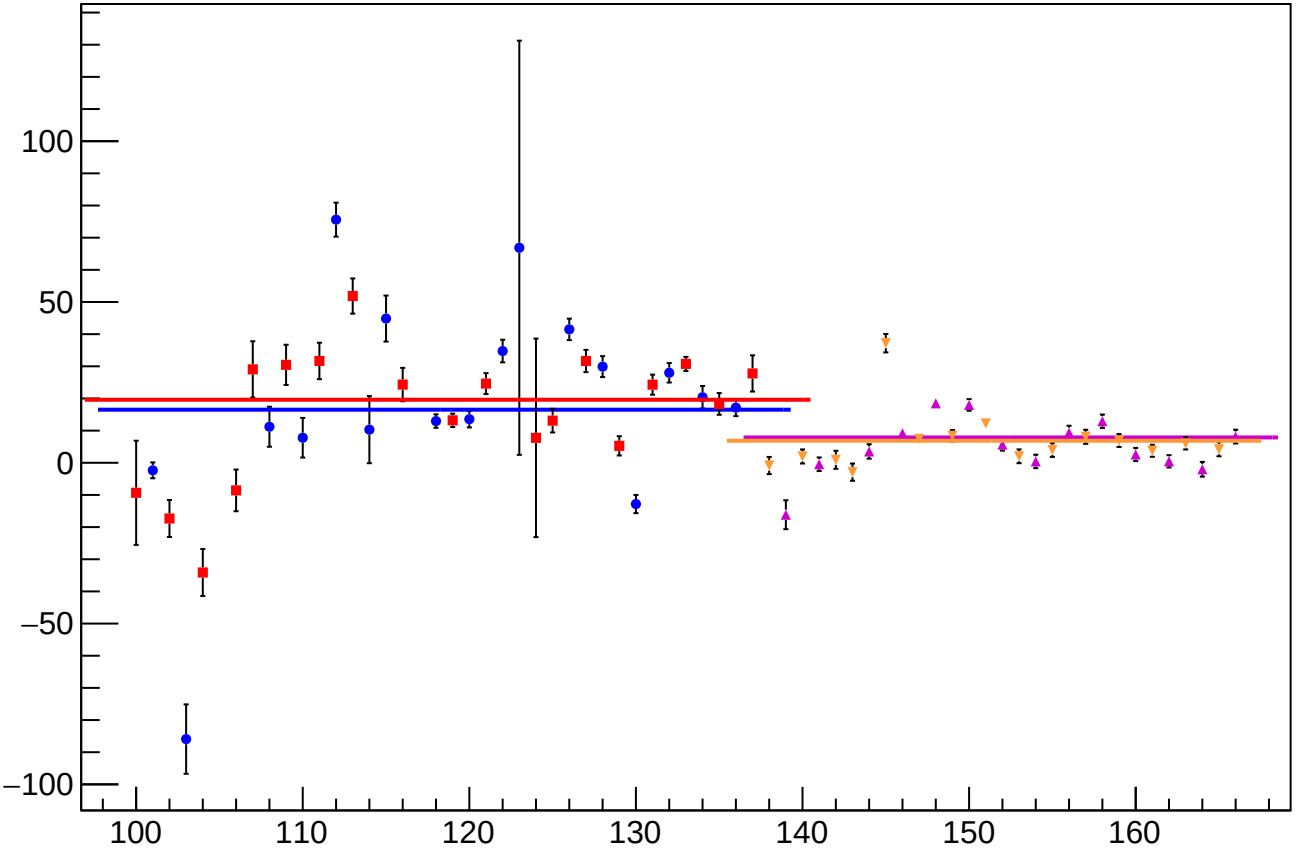
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -27.080+/-0.729 χ^2/NDF:678.8/13

Out: -25.874+/-0.739 χ^2/NDF:854.4/14

All: -26.486+/-0.519 χ^2/NDF: 1534.5/28

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512+/-0.847 χ^2/NDF: 519.6/16

Left Out: 6.850+/-0.513 χ^2/NDF:170.6/14

Right Out: 19.604+/-0.898 χ^2/NDF: 242.0/18

Left In: 7.879+/-0.520 χ^2/NDF:206.6/13

Left: 7.357+/-0.365 χ^2/NDF: 379.1/28

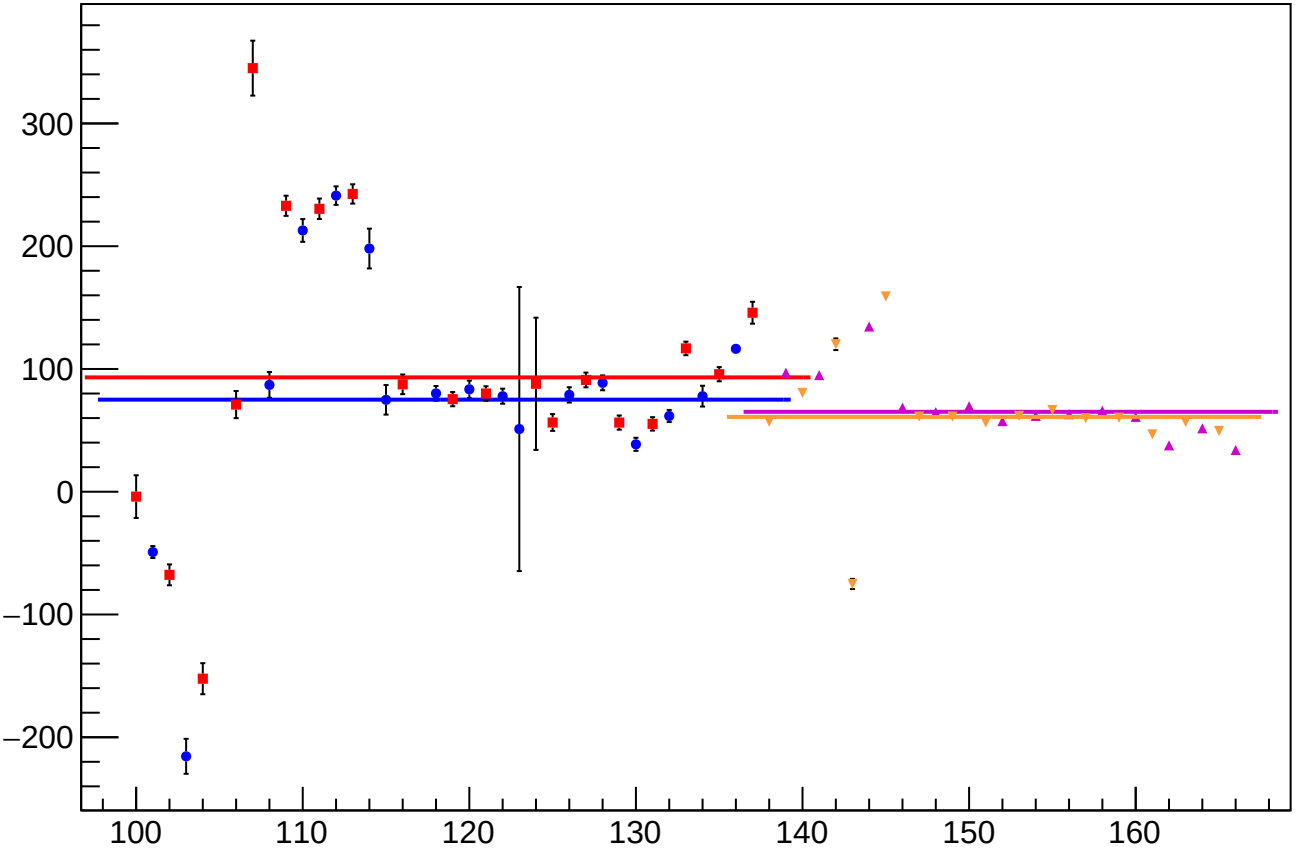
Right: 17.968+/-0.616 χ^2/NDF: 767.9/35

In: 10.243+/-0.443 χ^2/NDF:801.6/30

Out: 9.982+/-0.445 χ^2/NDF:564.6/33

All: 10.113+/-0.314 χ^2/NDF: 1366.3/64

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF: 1999.3/16

Left Out: 60.958+/-0.722 χ^2/NDF:2178.5/14

Right Out: 93.140+/-1.711 χ^2/NDF: 2002.3/18

Left In: 65.102+/-0.710 χ^2/NDF:1011.6/13

Left: 63.066+/-0.506 χ^2/NDF: 3206.9/28

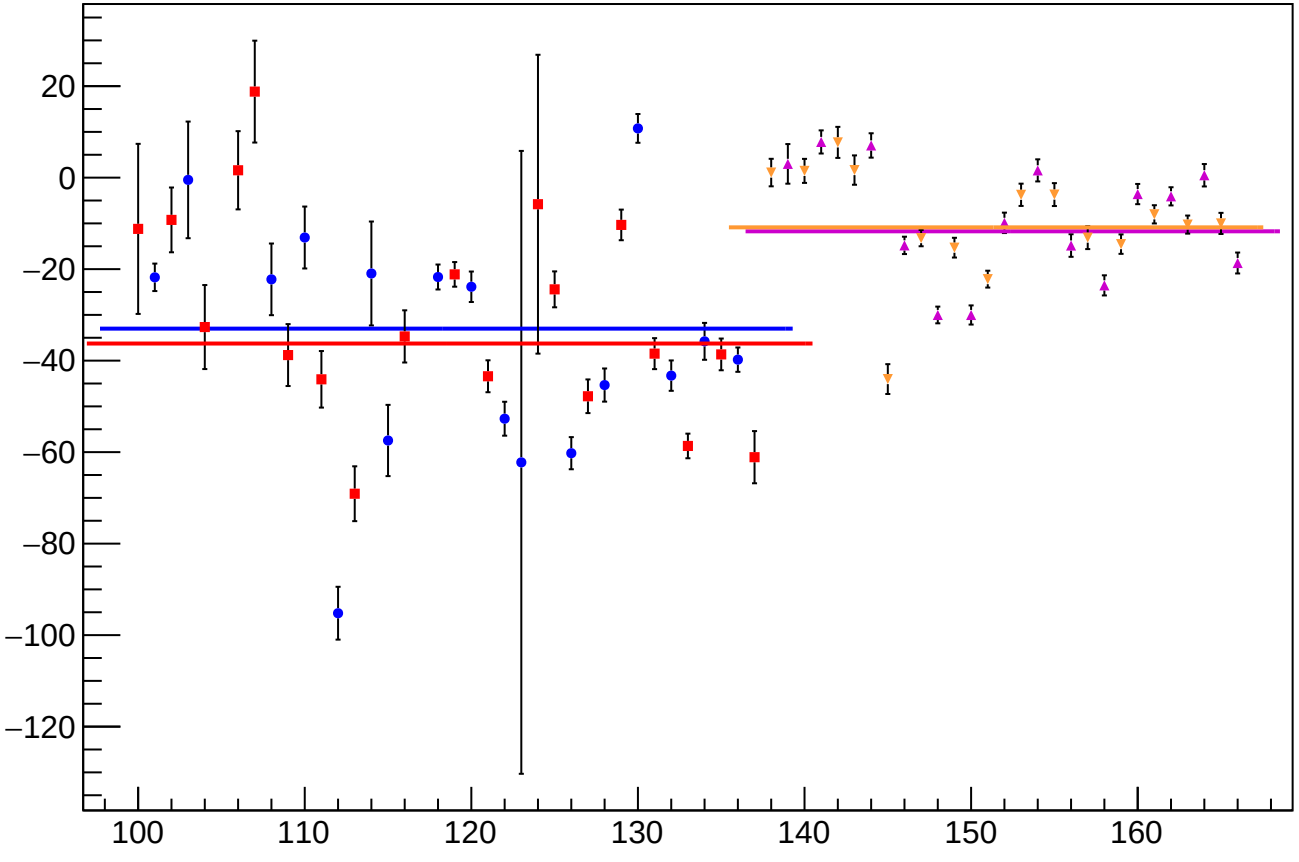
Right: 83.668+/-1.183 χ^2/NDF: 4060.3/35

In: 66.671+/-0.651 χ^2/NDF:3041.8/30

Out: 65.820+/-0.665 χ^2/NDF:4481.1/33

All: 66.255+/-0.465 χ^2/NDF: 7523.8/64

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005+/-0.972 χ^2/NDF: 493.1/16

Left Out: -10.865+/-0.602 χ^2/NDF:253.1/14

Right Out: -36.260+/-1.025 χ^2/NDF: 297.1/18

Left In: -11.732+/-0.607 χ^2/NDF:424.1/13

Left: -11.295+/-0.427 χ^2/NDF: 678.2/28

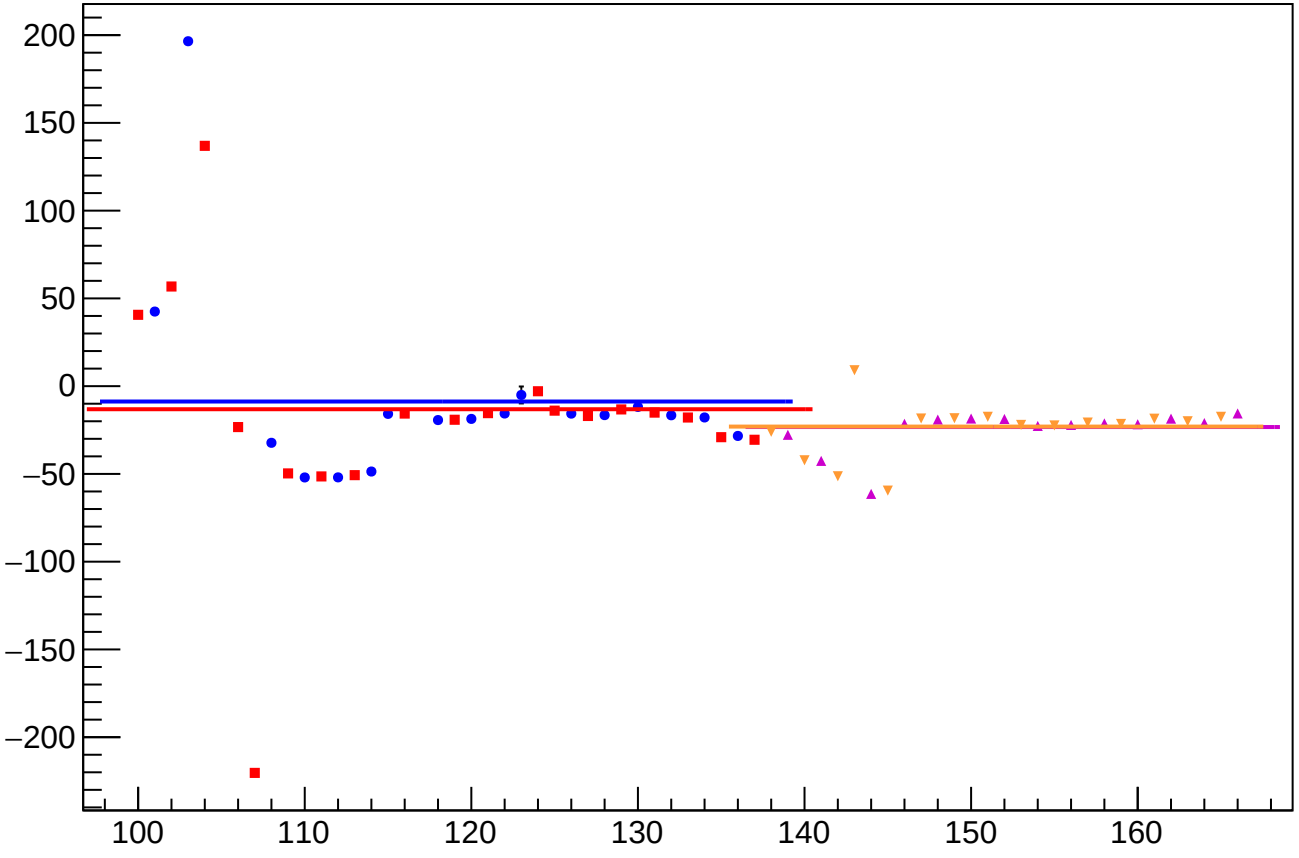
Right: -34.545+/-0.705 χ^2/NDF: 795.4/35

In: -17.702+/-0.515 χ^2/NDF:1262.0/30

Out: -17.369+/-0.519 χ^2/NDF:1006.5/33

All: -17.537+/-0.365 χ^2/NDF: 2268.6/64

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF: 576012.4/16

Left Out: -23.032+/-0.028 χ^2/NDF:171256.4/14

Right Out: -13.143+/-0.062 χ^2/NDF: 558628.0/18

Left In: -23.290+/-0.028 χ^2/NDF:107683.7/13

Left: -23.162+/-0.020 χ^2/NDF: 278982.0/28

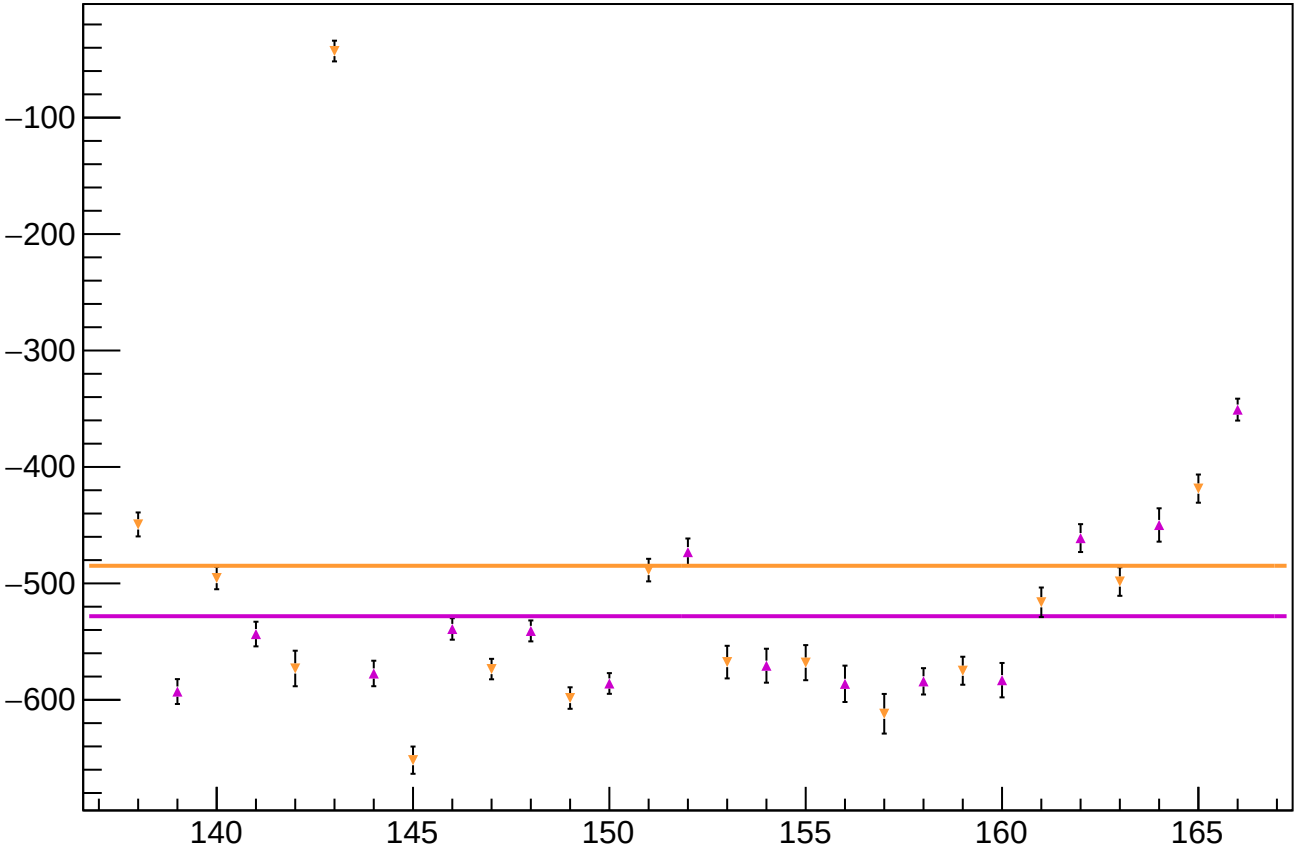
Right: -10.840+/-0.043 χ^2/NDF: 1137294.9/35

In: -20.599+/-0.025 χ^2/NDF:733507.9/30

Out: -21.310+/-0.026 χ^2/NDF:751076.9/33

All: -20.948+/-0.018 χ^2/NDF: 1484972.2/64

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -484.861+/-2.894 χ^2/NDF:3185.6/14

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

Left In: -528.171+/-2.955 χ^2/NDF:604.2/13

Left: -506.059+/-2.068 χ^2/NDF: 3899.5/28

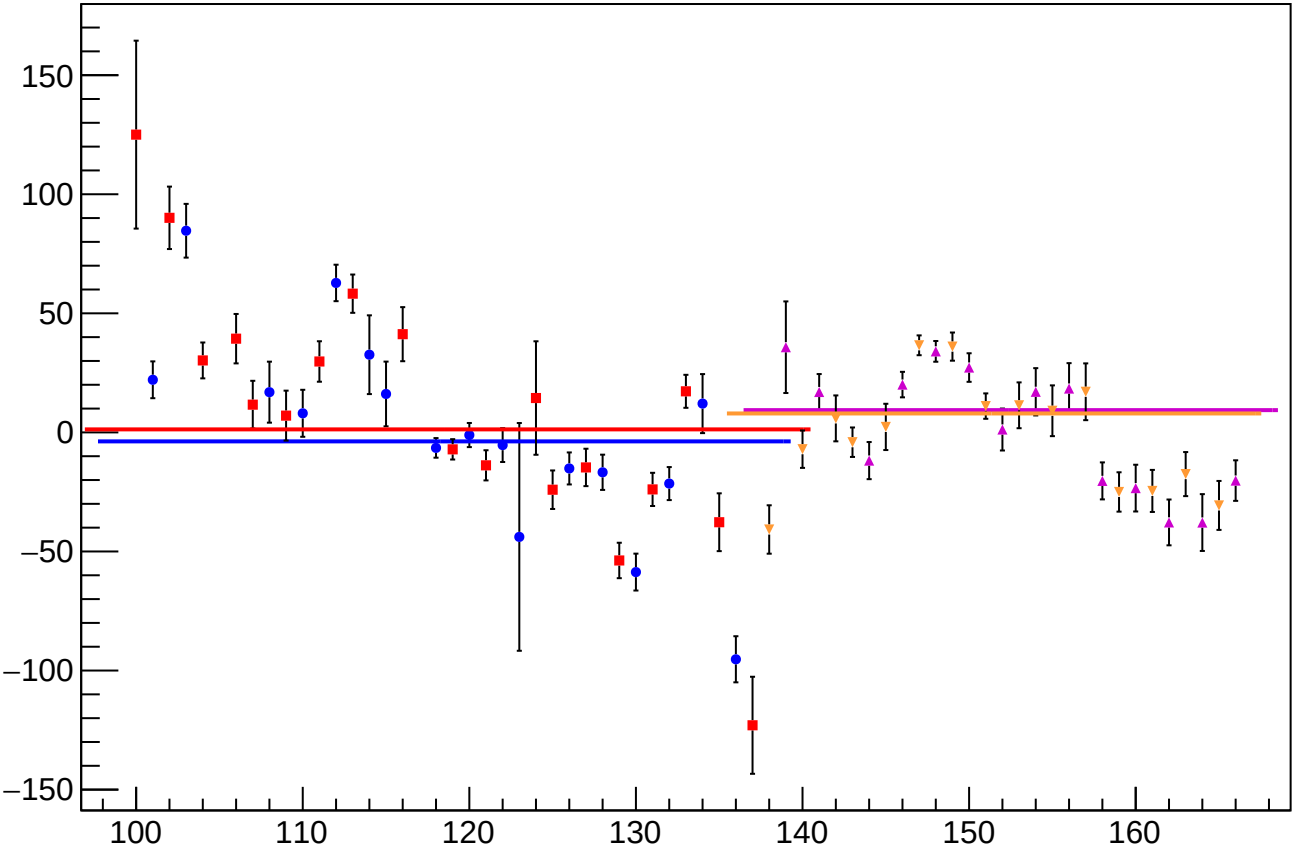
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -528.171+/-2.955 χ^2/NDF:604.2/13

Out: -484.861+/-2.894 χ^2/NDF:3185.6/14

All: -506.059+/-2.068 χ^2/NDF: 3899.5/28

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773+/-1.889 χ^2/NDF: 314.3/16

Left Out: 7.950+/-1.924 χ^2/NDF:152.9/14

Right Out: 1.265+/-1.920 χ^2/NDF: 303.7/18

Left In: 9.350+/-2.031 χ^2/NDF:135.0/13

Left: 8.612+/-1.397 χ^2/NDF: 288.1/28

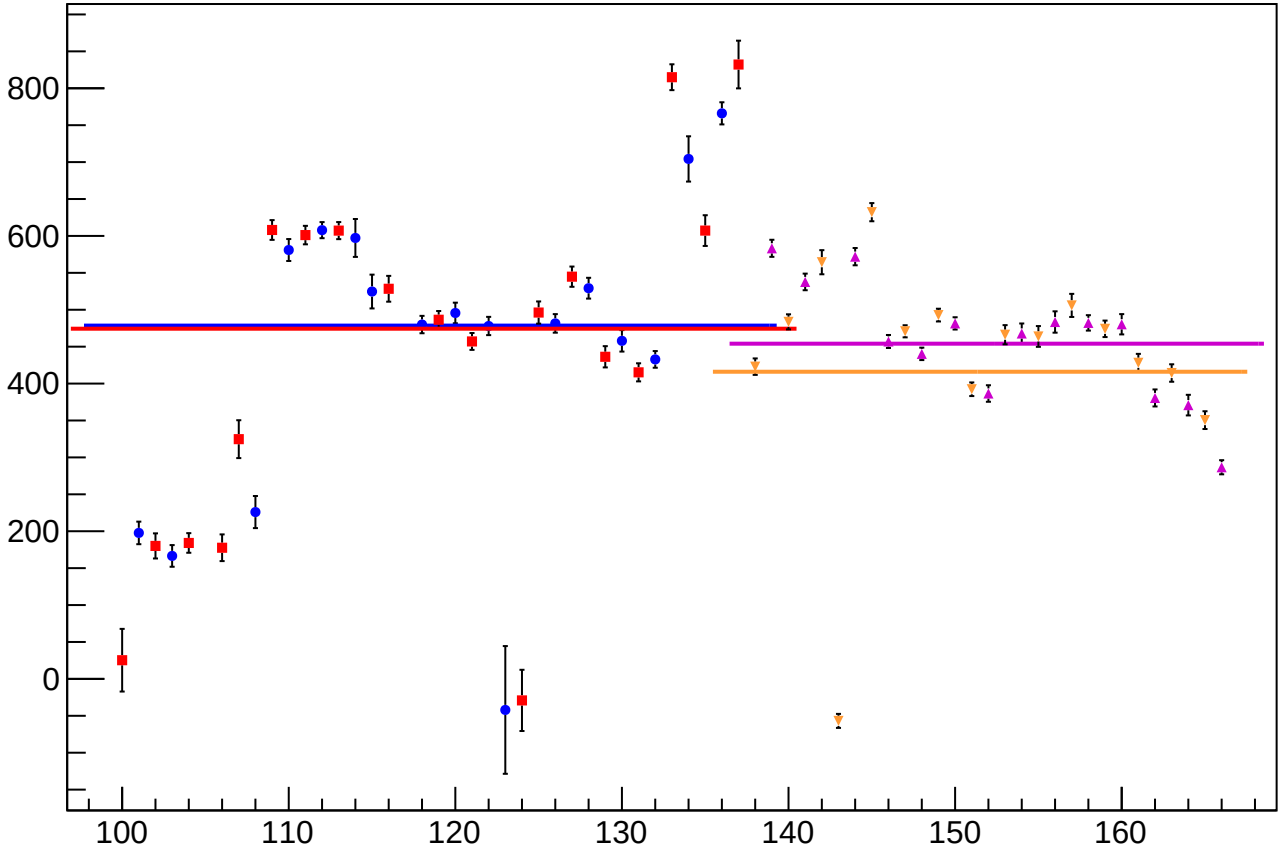
Right: -1.296+/-1.346 χ^2/NDF: 621.6/35

In: 2.313+/-1.383 χ^2/NDF:471.8/30

Out: 4.601+/-1.359 χ^2/NDF:462.7/33

All: 3.477+/-0.969 χ^2/NDF: 935.8/64

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF: 1629.0/16

Left Out: 416.041+/-2.851 χ^2/NDF:3161.2/14

Right Out: 474.328+/-3.533 χ^2/NDF: 2287.1/18

Left In: 454.036+/-2.883 χ^2/NDF:728.8/13

Left: 434.824+/-2.027 χ^2/NDF: 3977.8/28

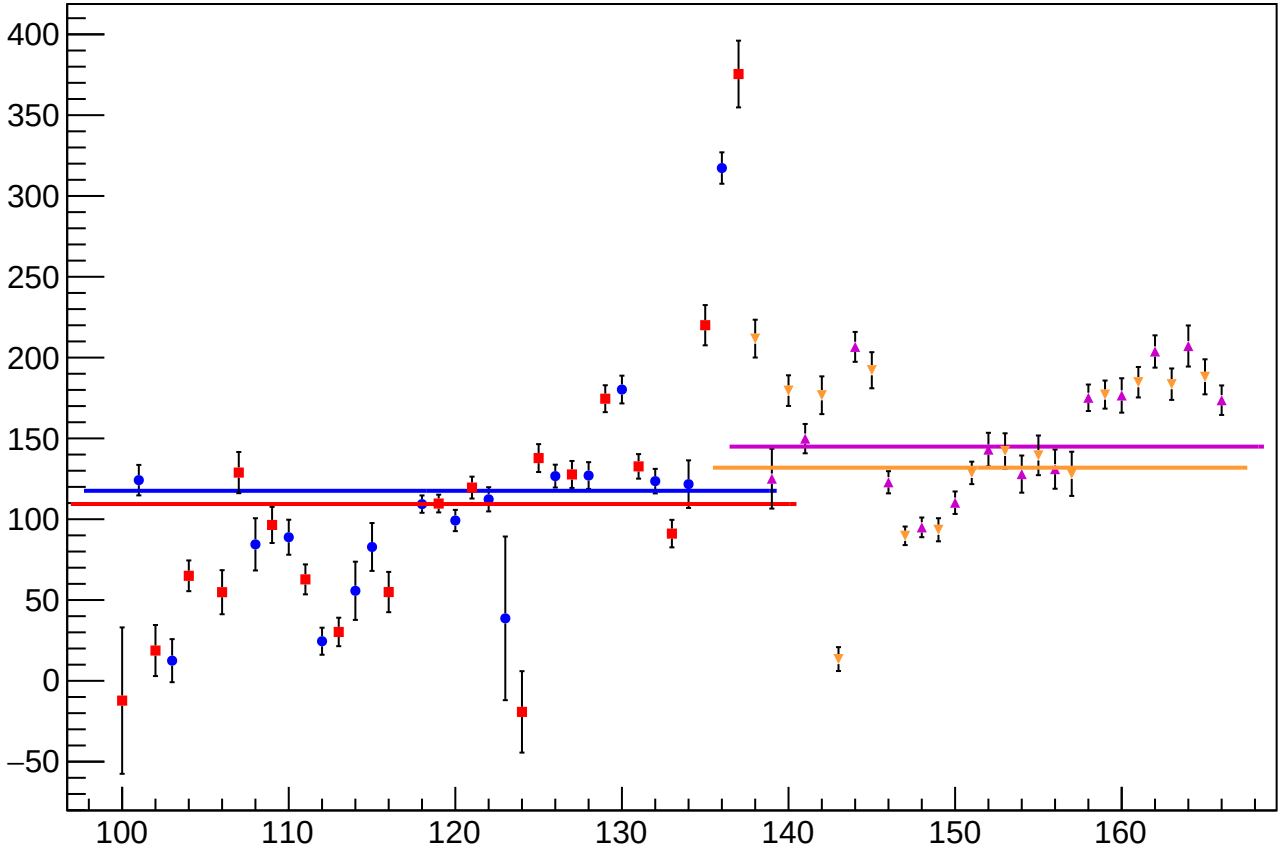
Right: 476.370+/-2.532 χ^2/NDF: 3916.8/35

In: 463.509+/-2.258 χ^2/NDF:2385.7/30

Out: 439.027+/-2.218 χ^2/NDF:5613.2/33

All: 451.054+/-1.582 χ^2/NDF: 8058.7/64

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585+/-2.193 χ^2/NDF: 706.9/16

Left Out: 131.886+/-2.314 χ^2/NDF:570.3/14

Right Out: 109.400+/-2.210 χ^2/NDF: 571.2/18

Left In: 144.923+/-2.418 χ^2/NDF:243.0/13

Left: 138.120+/-1.672 χ^2/NDF: 828.5/28

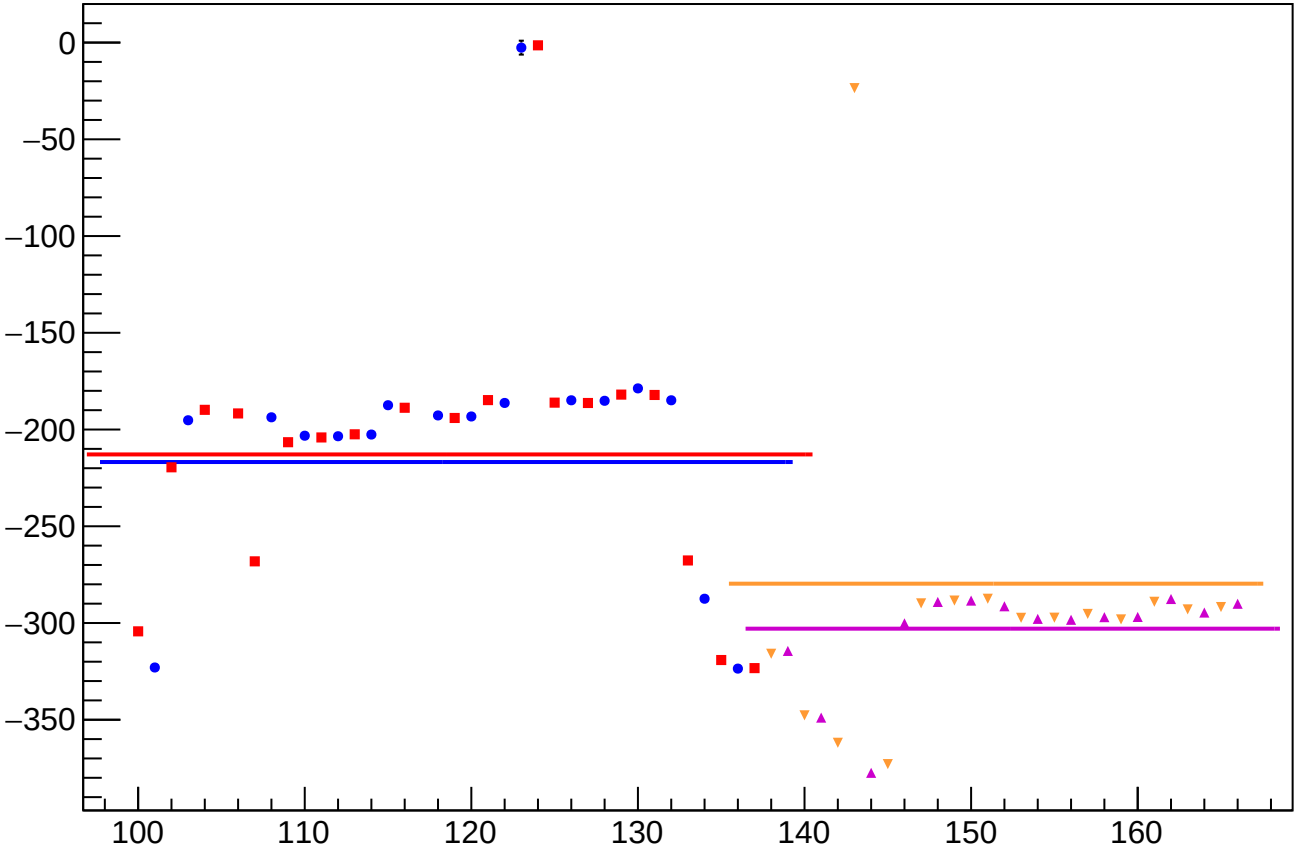
Right: 113.524+/-1.557 χ^2/NDF: 1285.0/35

In: 129.924+/-1.624 χ^2/NDF:1020.0/30

Out: 120.123+/-1.598 χ^2/NDF:1190.9/33

All: 124.945+/-1.139 χ^2/NDF: 2229.4/64

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF: 146976.1/16

Left Out: -279.673+/-0.115 χ^2/NDF:545590.1/14

Right Out: -212.869+/-0.130 χ^2/NDF: 116393.6/18

Left In: -302.928+/-0.116 χ^2/NDF:38829.6/13

Left: -291.182+/-0.082 χ^2/NDF: 604729.6/28

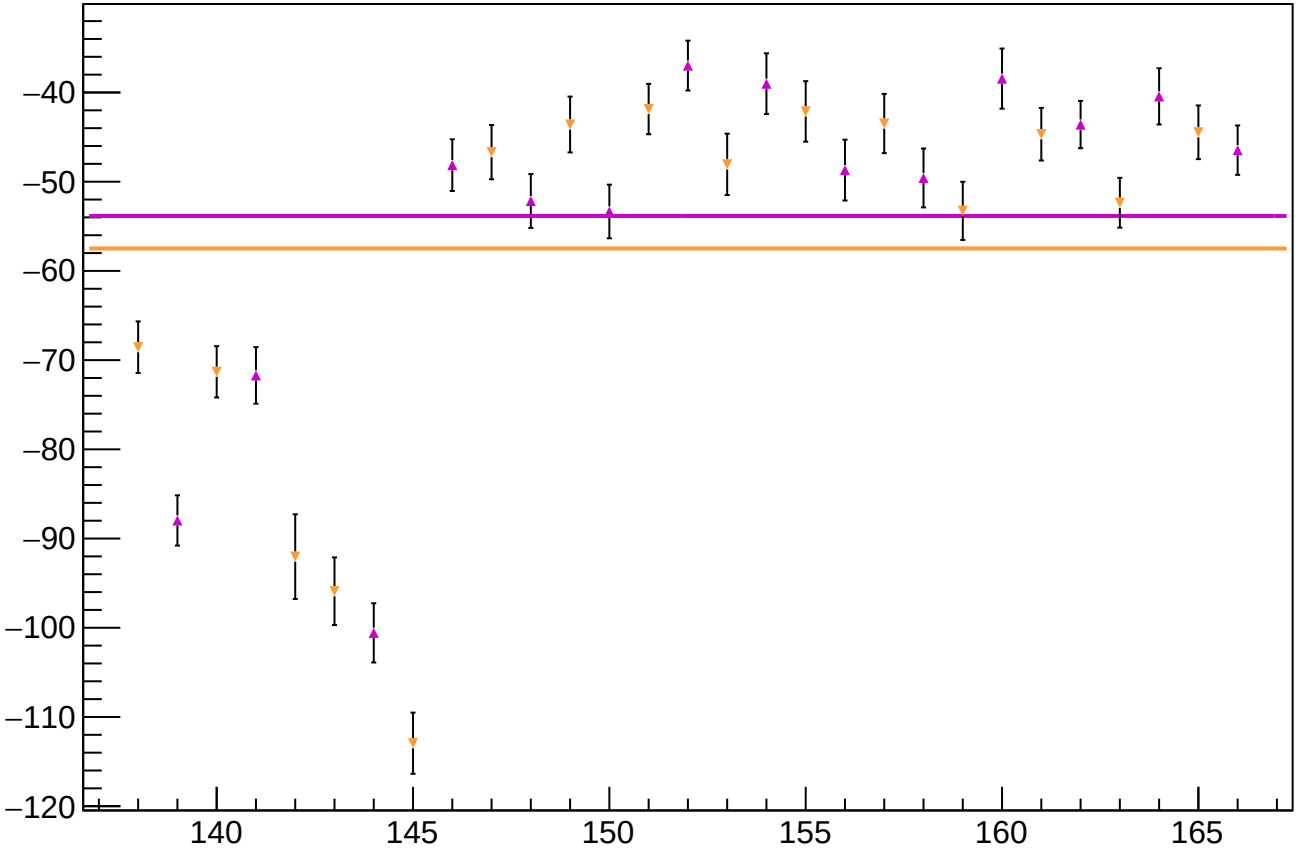
Right: -214.751+/-0.094 χ^2/NDF: 263806.1/35

In: -266.557+/-0.088 χ^2/NDF:418726.3/30

Out: -250.441+/-0.086 χ^2/NDF:810155.7/33

All: -258.309+/-0.062 χ^2/NDF: 1245988.6/64

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -57.485+/-0.820 χ^2/NDF:606.5/14

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

Left In: -53.840+/-0.814 χ^2/NDF:501.1/13

Left: -55.648+/-0.578 χ^2/NDF: 1117.5/28

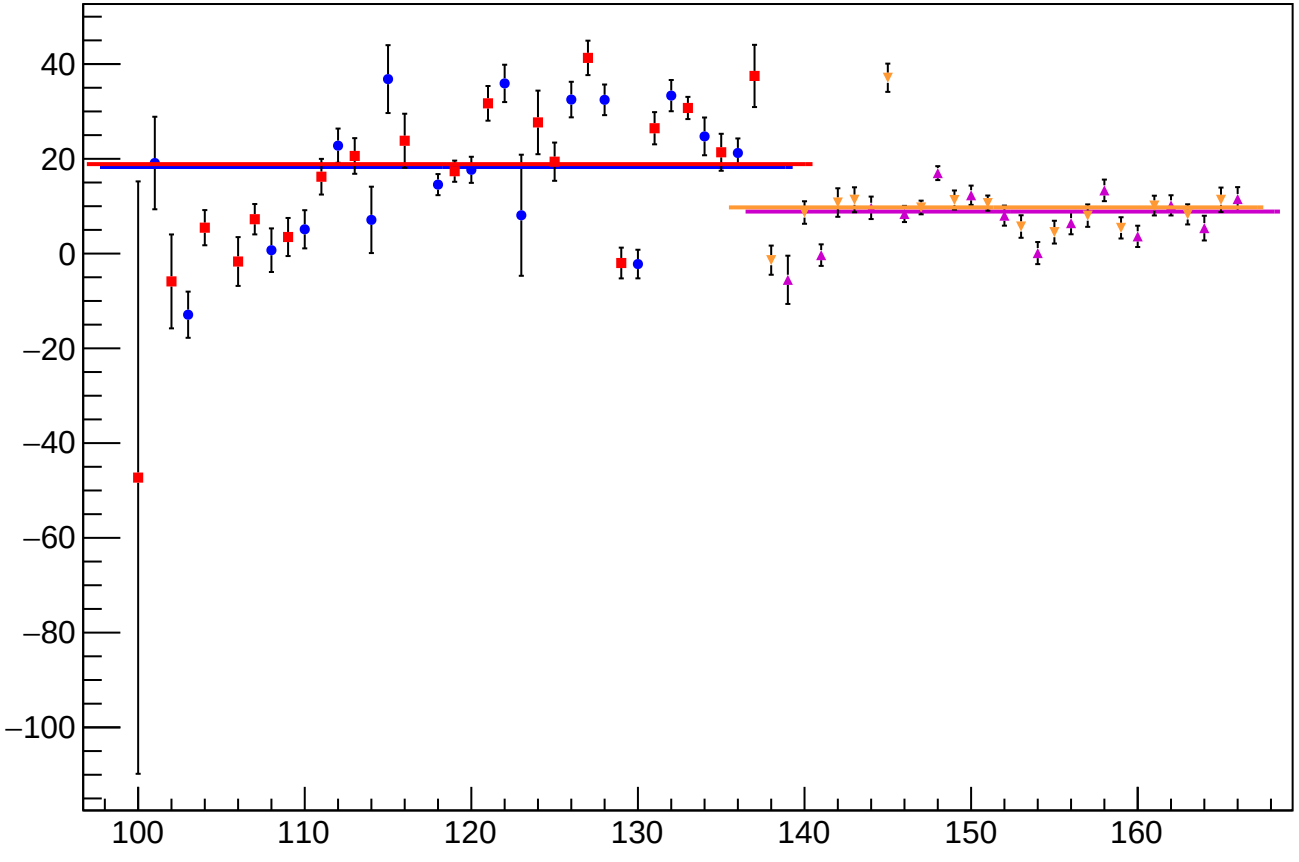
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -53.840+/-0.814 χ^2/NDF:501.1/13

Out: -57.485+/-0.820 χ^2/NDF:606.5/14

All: -55.648+/-0.578 χ^2/NDF: 1117.5/28

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2/NDF: 204.6/16

Left Out: 9.749+/-0.569 χ^2/NDF:111.7/14

Right Out: 18.882+/-0.864 χ^2/NDF: 198.4/18

Left In: 8.868+/-0.581 χ^2/NDF:85.8/13

Left: 9.318+/-0.406 χ^2/NDF: 198.7/28

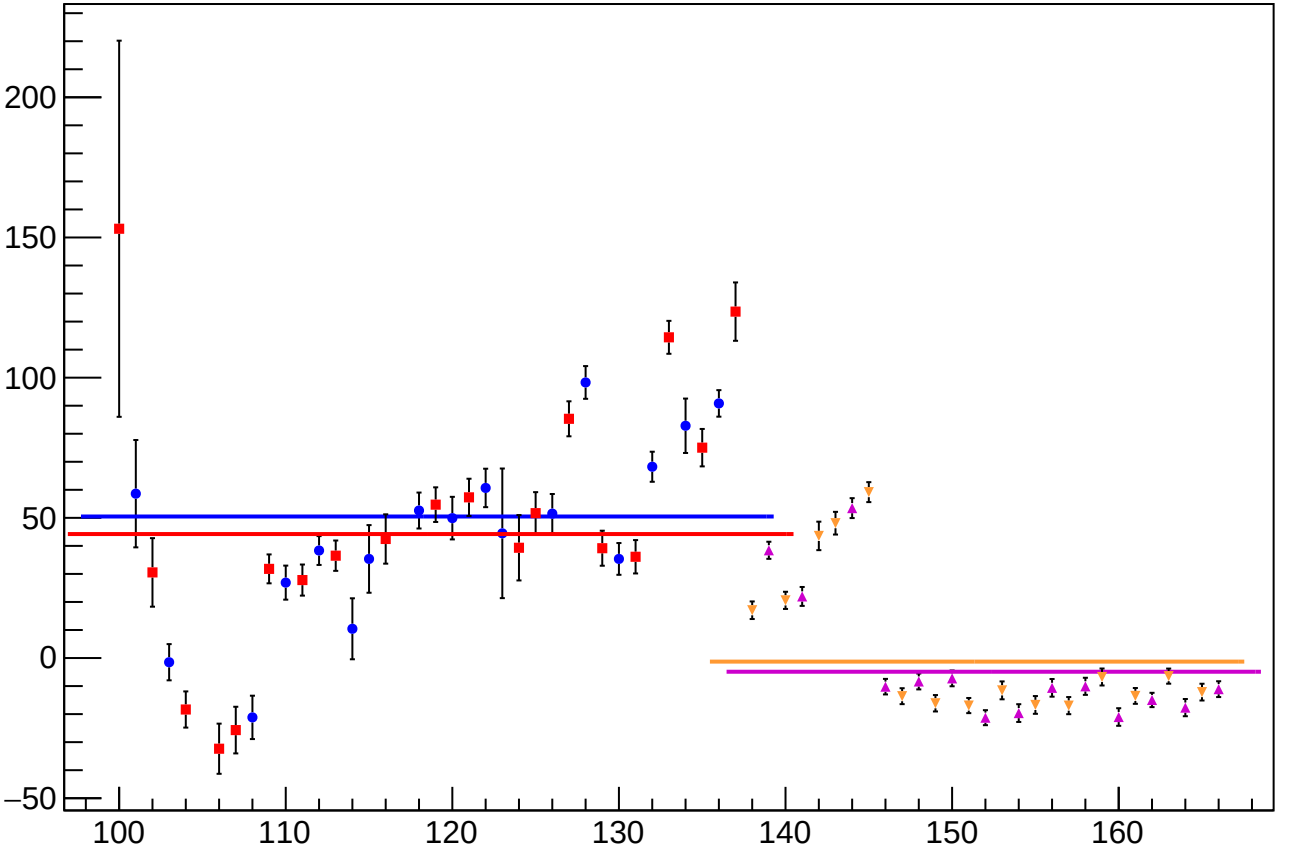
Right: 18.595+/-0.625 χ^2/NDF: 403.2/35

In: 11.613+/-0.489 χ^2/NDF:366.9/30

Out: 12.507+/-0.475 χ^2/NDF:388.0/33

All: 12.073+/-0.341 χ^2/NDF: 756.6/64

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF: 357.9/16

Left Out: -1.274+/-0.802 χ^2/NDF:777.8/14

Right Out: 44.222+/-1.602 χ^2/NDF: 534.4/18

Left In: -4.887+/-0.793 χ^2/NDF:670.9/13

Left: -3.102+/-0.564 χ^2/NDF: 1459.0/28

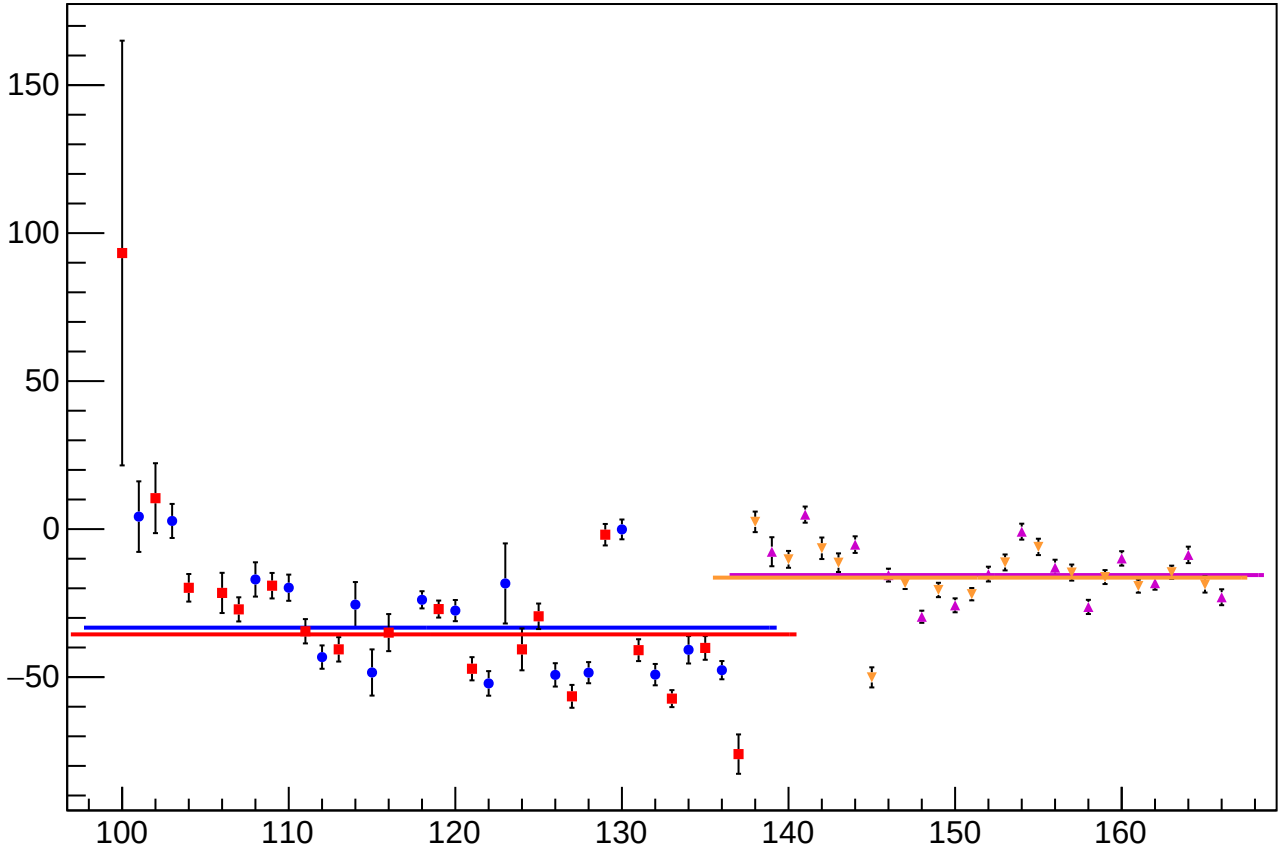
Right: 47.226+/-1.156 χ^2/NDF: 899.6/35

In: 5.318+/-0.716 χ^2/NDF:1927.7/30

Out: 7.839+/-0.717 χ^2/NDF:1956.8/33

All: 6.577+/-0.507 χ^2/NDF: 3890.7/64

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF: 289.1/16

Left Out: -16.391+/-0.668 χ^2/NDF:174.7/14

Right Out: -35.566+/-0.992 χ^2/NDF: 287.6/18

Left In: -15.529+/-0.677 χ^2/NDF:209.1/13

Left: -15.966+/-0.475 χ^2/NDF: 384.7/28

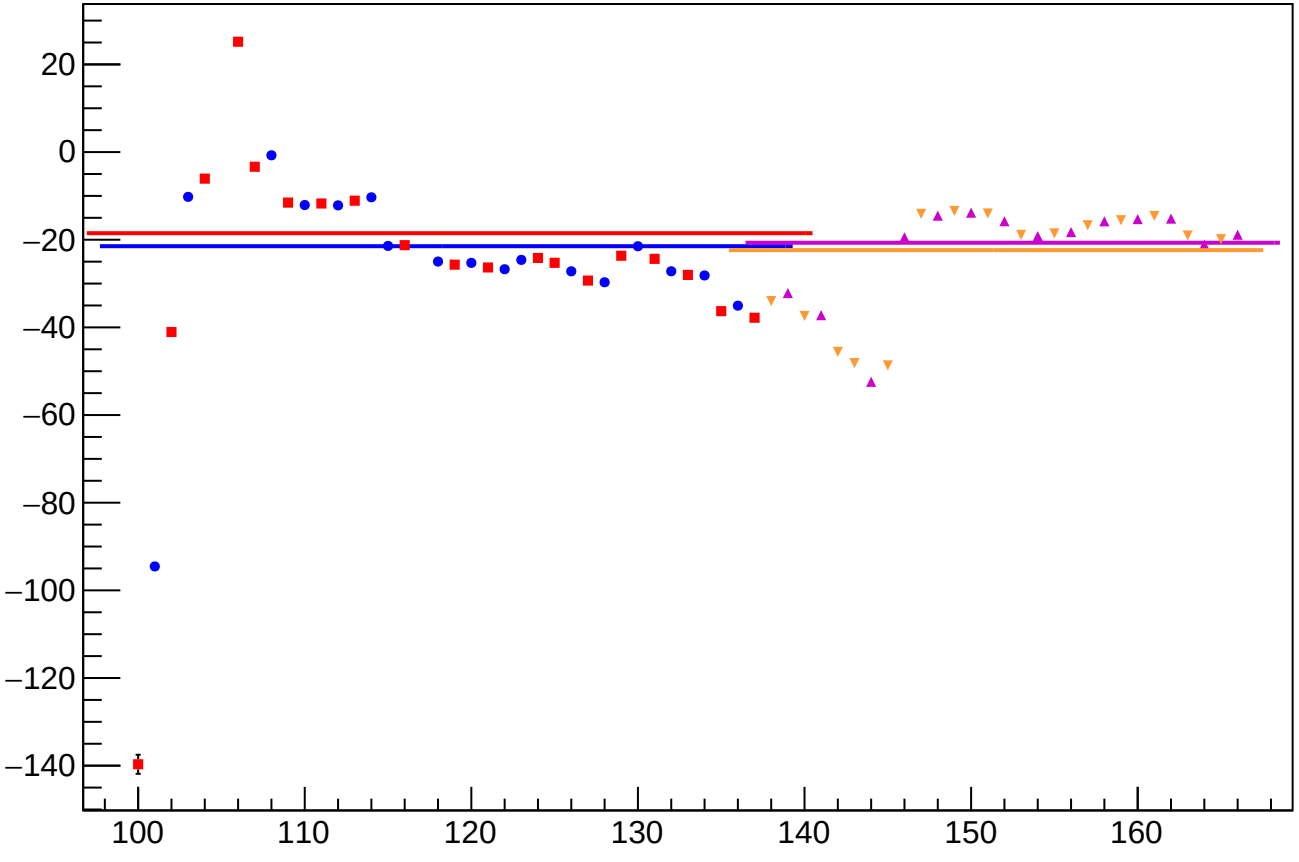
Right: -34.474+/-0.716 χ^2/NDF: 579.3/35

In: -20.868+/-0.566 χ^2/NDF:705.0/30

Out: -22.367+/-0.554 χ^2/NDF:719.3/33

All: -21.634+/-0.396 χ^2/NDF: 1427.9/64

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF: 49009.8/16

Left Out: -22.372+/-0.031 χ^2/NDF:124976.2/14

Right Out: -18.506+/-0.057 χ^2/NDF: 80734.5/18

Left In: -20.683+/-0.031 χ^2/NDF:84183.3/13

Left: -21.522+/-0.022 χ^2/NDF: 210610.1/28

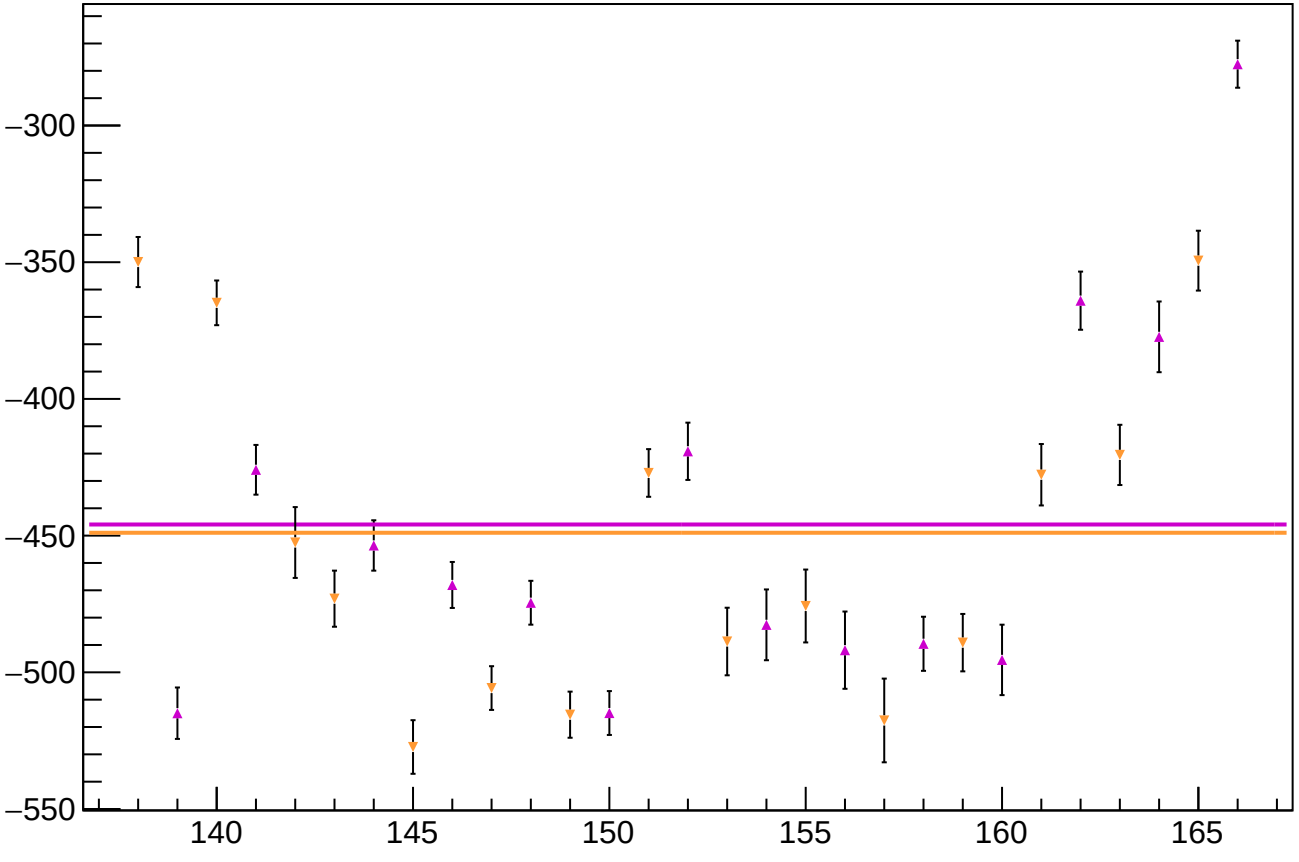
Right: -19.957+/-0.041 χ^2/NDF: 131054.3/35

In: -20.858+/-0.028 χ^2/NDF:133335.4/30

Out: -21.478+/-0.028 χ^2/NDF:209203.2/33

All: -21.168+/-0.020 χ^2/NDF: 342790.9/64

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -448.953+/-2.621 χ^2/NDF:553.0/14

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

Left In: -445.930+/-2.626 χ^2/NDF:682.4/13

Left: -447.444+/-1.855 χ^2/NDF: 1236.1/28

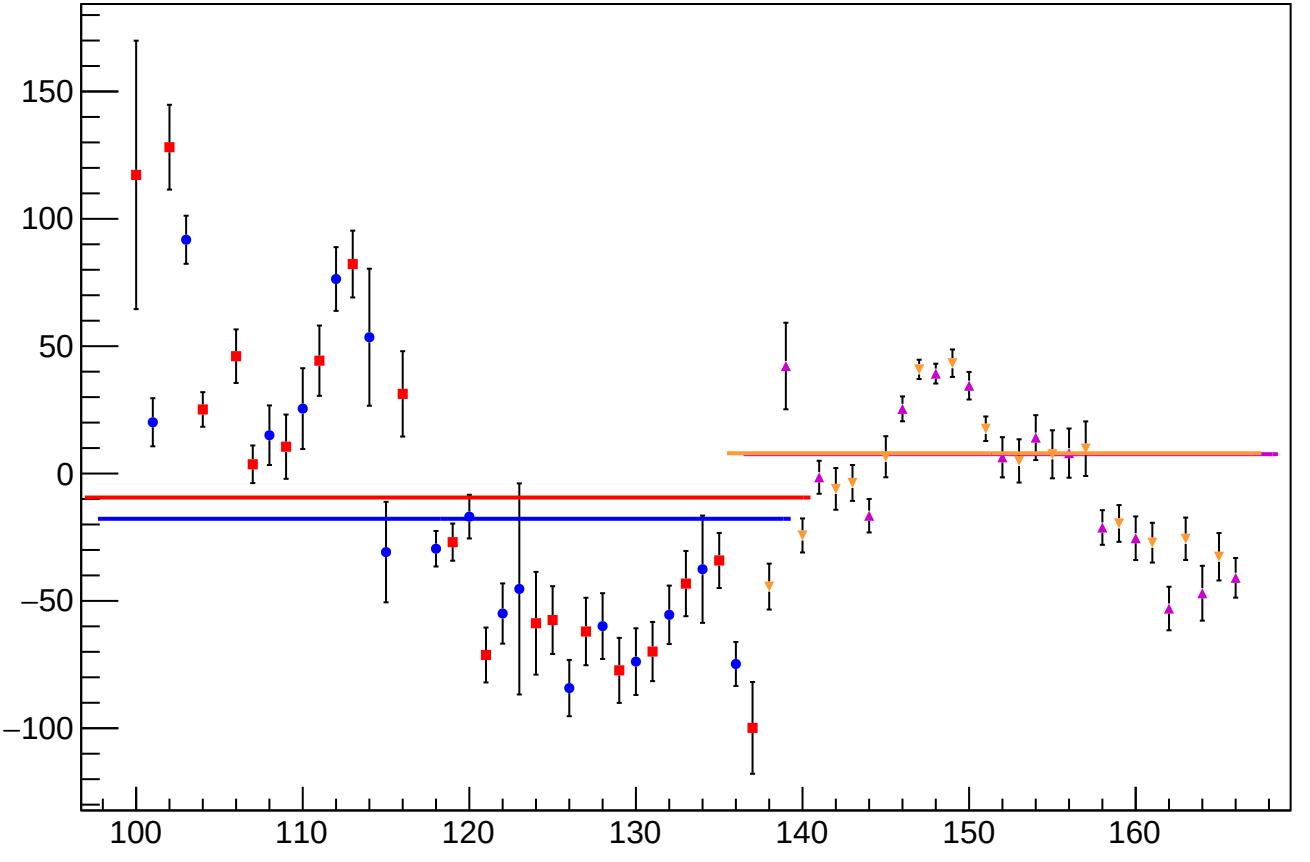
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -445.930+/-2.626 χ^2/NDF:682.4/13

Out: -448.953+/-2.621 χ^2/NDF:553.0/14

All: -447.444+/-1.855 χ^2/NDF: 1236.1/28

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765+/-2.781 χ^2/NDF: 363.9/16

Left Out: 7.973+/-1.747 χ^2/NDF:255.6/14

Right Out: -9.417+/-2.613 χ^2/NDF: 369.6/18

Left In: 7.602+/-1.806 χ^2/NDF:272.2/13

Left: 7.794+/-1.255 χ^2/NDF: 527.8/28

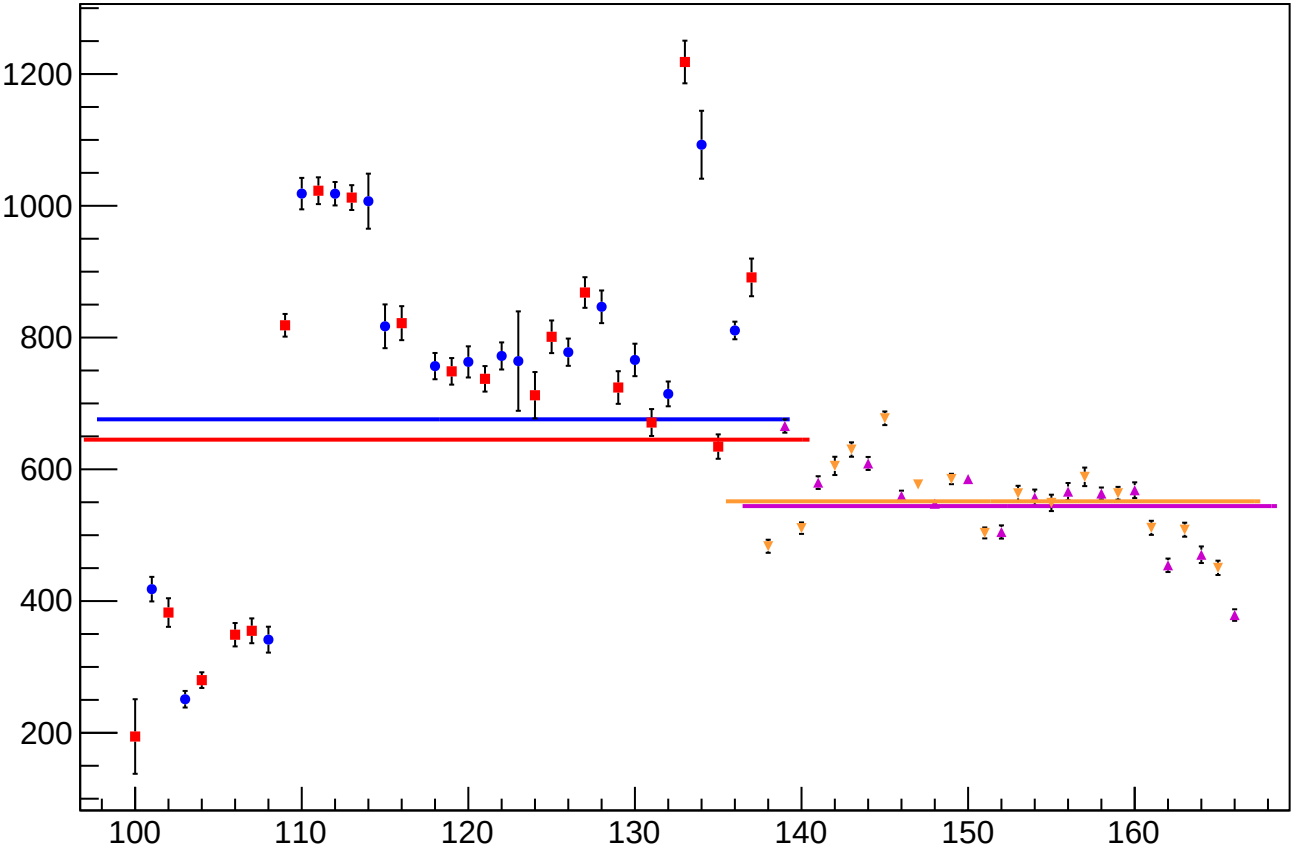
Right: -13.331+/-1.905 χ^2/NDF: 738.2/35

In: 0.082+/-1.514 χ^2/NDF:694.6/30

Out: 2.603+/-1.452 χ^2/NDF:655.8/33

All: 1.395+/-1.048 χ^2/NDF: 1351.8/64

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF: 2586.4/16

Left Out: 551.417+/-2.578 χ^2/NDF:474.1/14

Right Out: 645.014+/-4.761 χ^2/NDF: 3123.3/18

Left In: 544.170+/-2.564 χ^2/NDF:728.5/13

Left: 547.774+/-1.818 χ^2/NDF: 1206.6/28

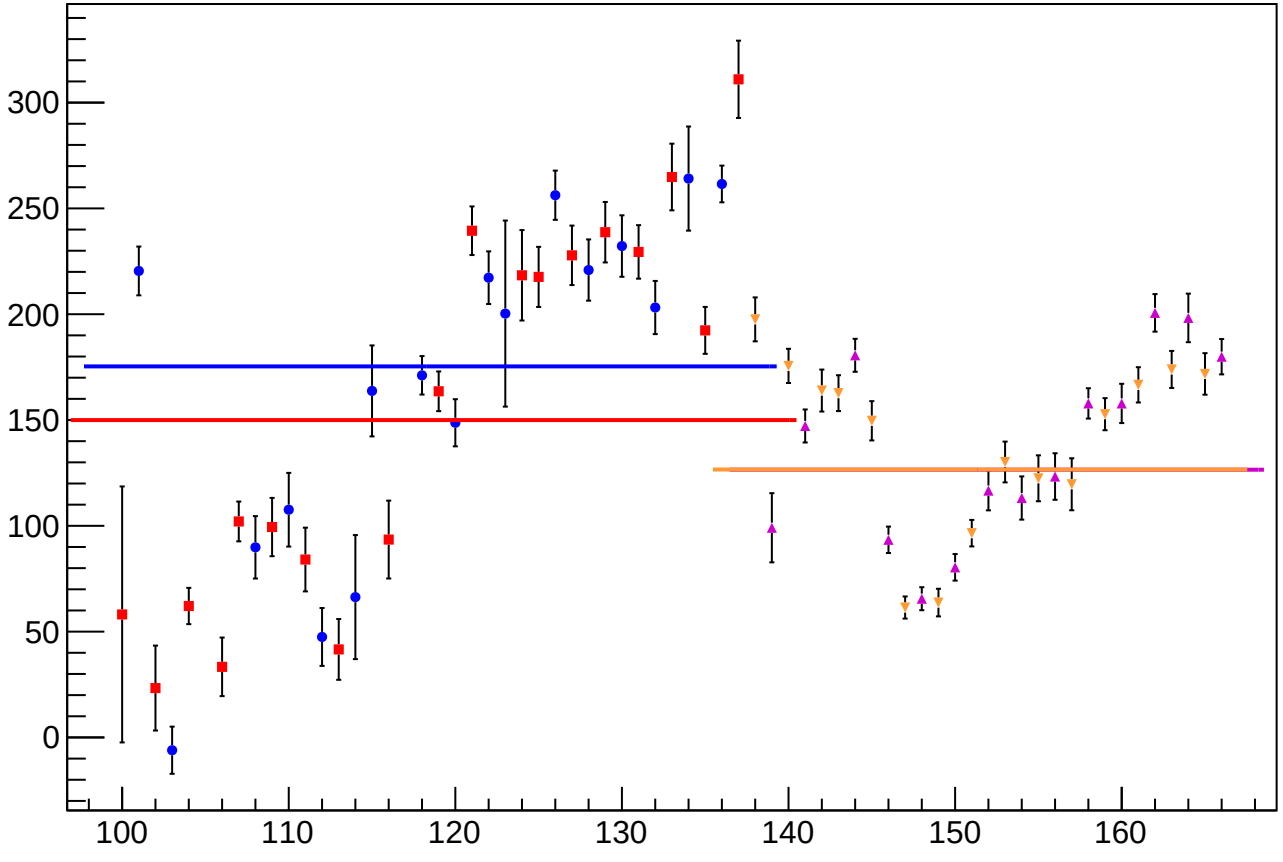
Right: 659.573+/-3.460 χ^2/NDF: 5729.5/35

In: 571.278+/-2.285 χ^2/NDF:3857.8/30

Out: 572.642+/-2.267 χ^2/NDF:3896.2/33

All: 571.965+/-1.609 χ^2/NDF: 7754.2/64

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341+/-3.203 χ^2/NDF: 638.5/16

Left Out: 126.611+/-2.099 χ^2/NDF:479.5/14

Right Out: 149.966+/-3.045 χ^2/NDF: 693.2/18

Left In: 126.520+/-2.149 χ^2/NDF:449.2/13

Left: 126.567+/-1.501 χ^2/NDF: 928.7/28

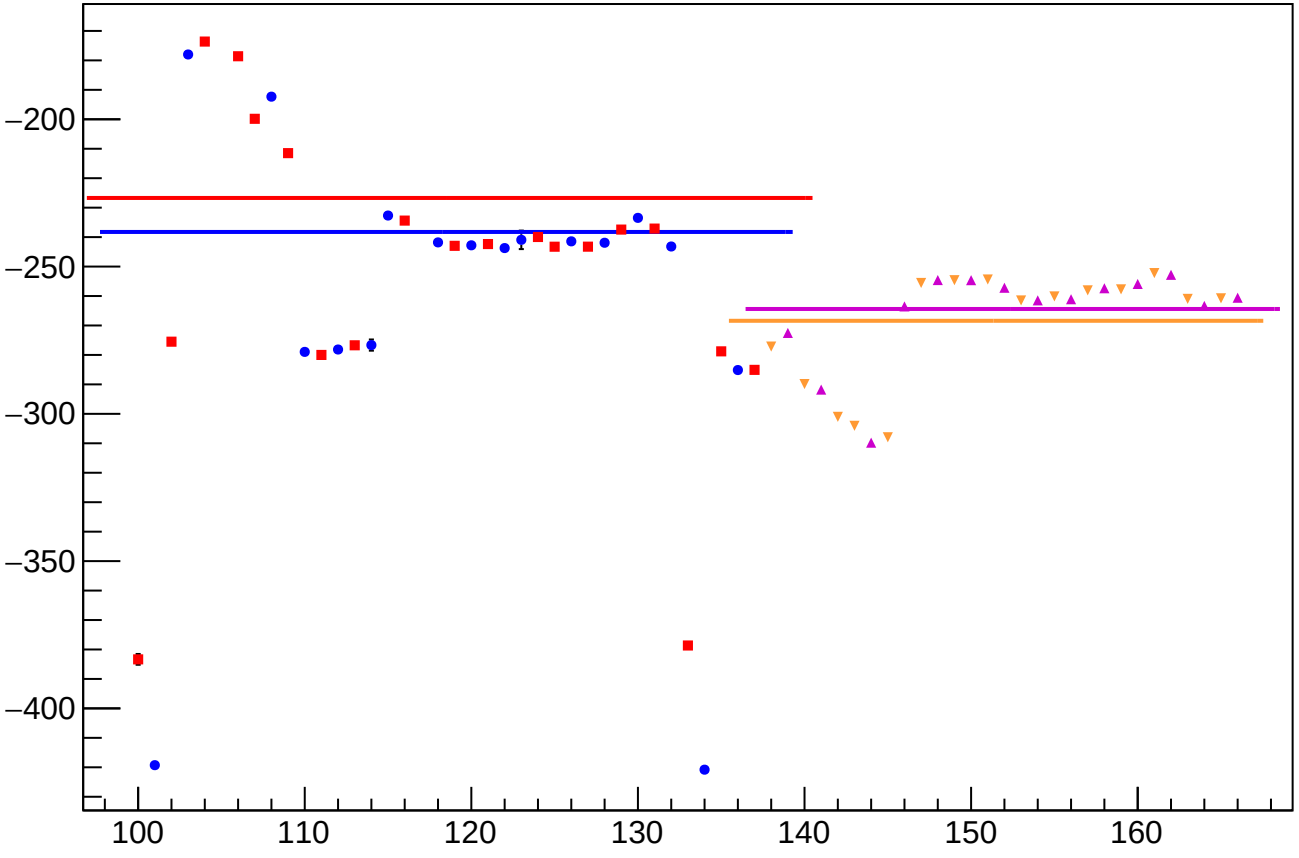
Right: 162.013+/-2.207 χ^2/NDF: 1364.6/35

In: 141.672+/-1.784 χ^2/NDF:1247.9/30

Out: 134.133+/-1.728 χ^2/NDF:1212.6/33

All: 137.782+/-1.241 χ^2/NDF: 2469.7/64

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF: 167125.9/16

Left Out: -268.408+/-0.104 χ^2/NDF:31839.9/14

Right Out: -226.706+/-0.151 χ^2/NDF: 102831.3/18

Left In: -264.397+/-0.103 χ^2/NDF:20565.3/13

Left: -266.388+/-0.073 χ^2/NDF: 53157.5/28

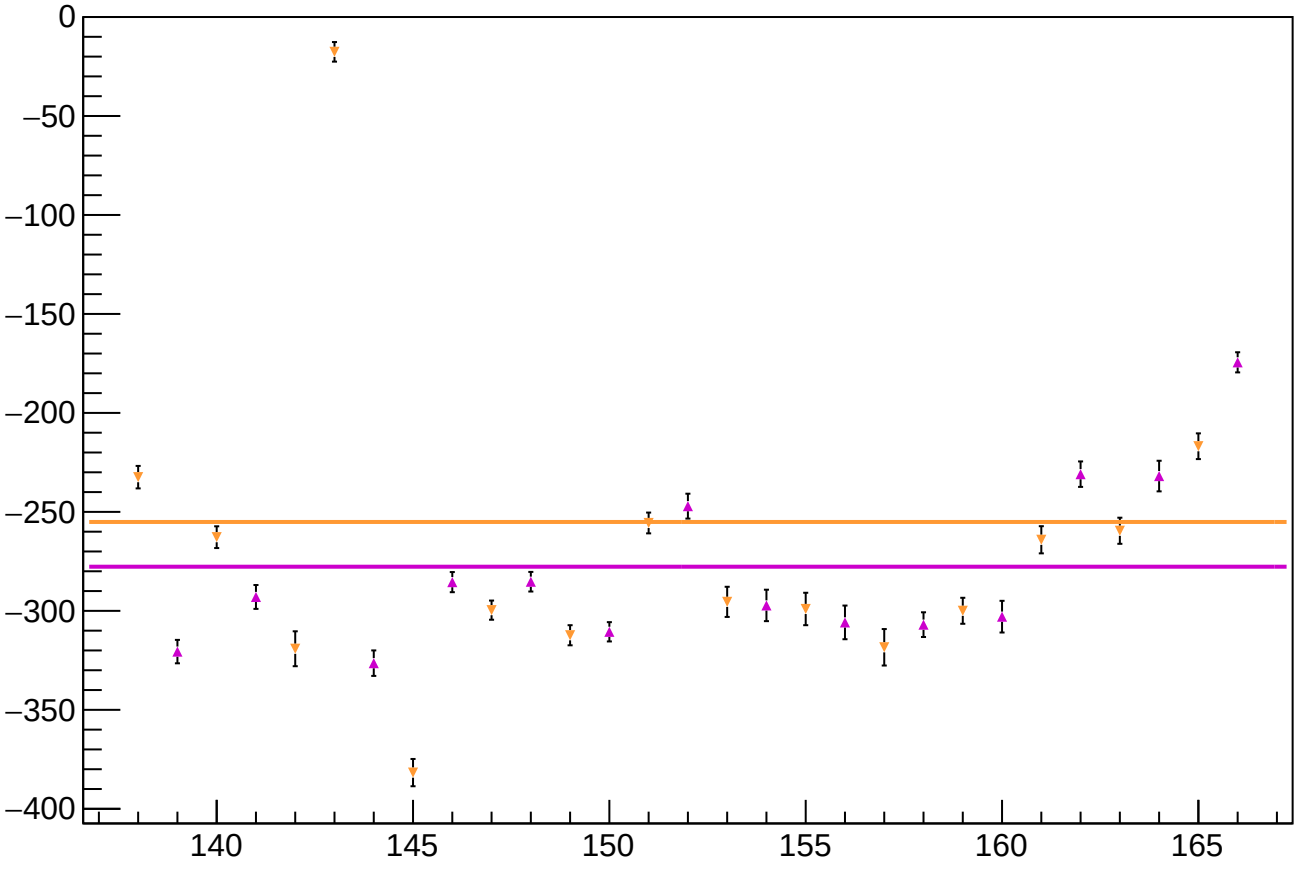
Right: -232.150+/-0.110 χ^2/NDF: 272709.4/35

In: -256.726+/-0.087 χ^2/NDF:206584.1/30

Out: -255.043+/-0.086 χ^2/NDF:186429.6/33

All: -255.874+/-0.061 χ^2/NDF: 393204.9/64

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: -255.089+/-1.598 χ^2/NDF:3112.8/14

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

Left In: -277.692+/-1.628 χ^2/NDF:738.9/13

Left: -266.183+/-1.140 χ^2/NDF: 3949.8/28

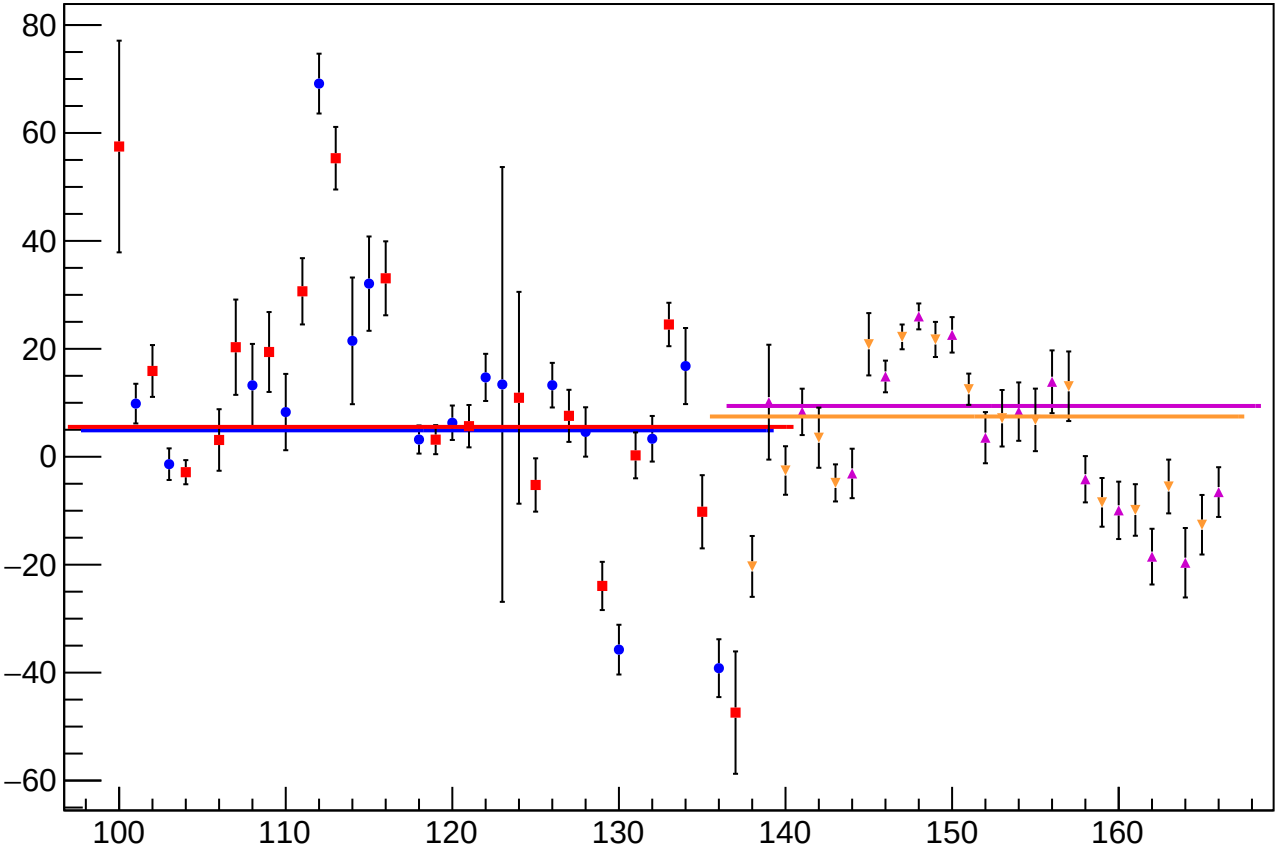
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -277.692+/-1.628 χ^2/NDF:738.9/13

Out: -255.089+/-1.598 χ^2/NDF:3112.8/14

All: -266.183+/-1.140 χ^2/NDF: 3949.8/28

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: 7.461+/-1.061 χ^2/NDF:157.8/14

Right Out: 5.534+/-1.071 χ^2/NDF: 239.1/18

Left In: 9.413+/-1.118 χ^2/NDF:161.9/13

Left: 8.386+/-0.770 χ^2/NDF: 321.3/28

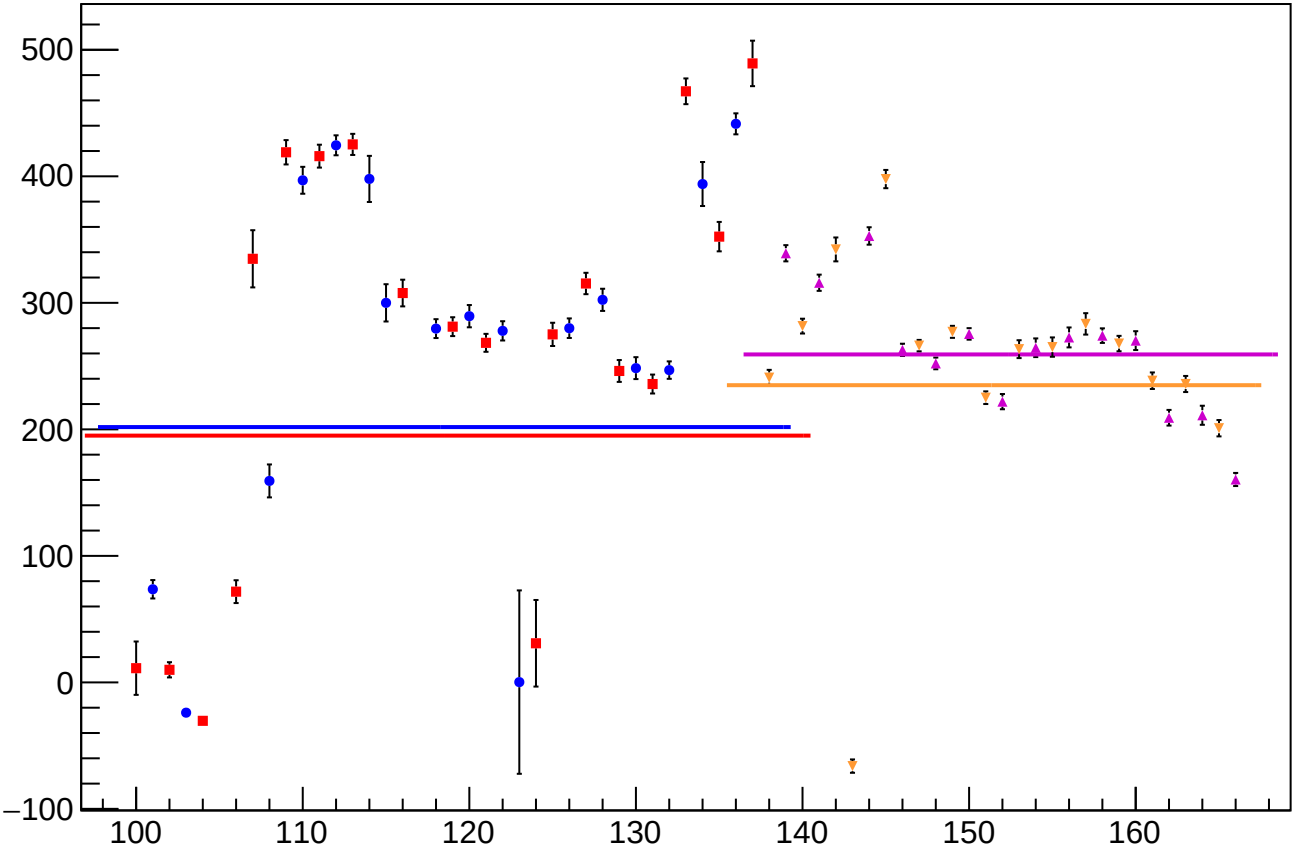
Right: 5.220+/-0.764 χ^2/NDF: 551.3/35

In: 7.095+/-0.780 χ^2/NDF:482.2/30

Out: 6.506+/-0.754 χ^2/NDF:398.6/33

All: 6.790+/-0.542 χ^2/NDF: 881.1/64

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.807+/-1.970 χ^2/NDF: 6754.2/16

Left Out: 234.910+/-1.571 χ^2/NDF:4206.1/14

Right Out: 195.053+/-1.924 χ^2/NDF: 8257.1/18

Left In: 259.221+/-1.586 χ^2/NDF:954.7/13

Left: 246.955+/-1.116 χ^2/NDF: 5279.3/28

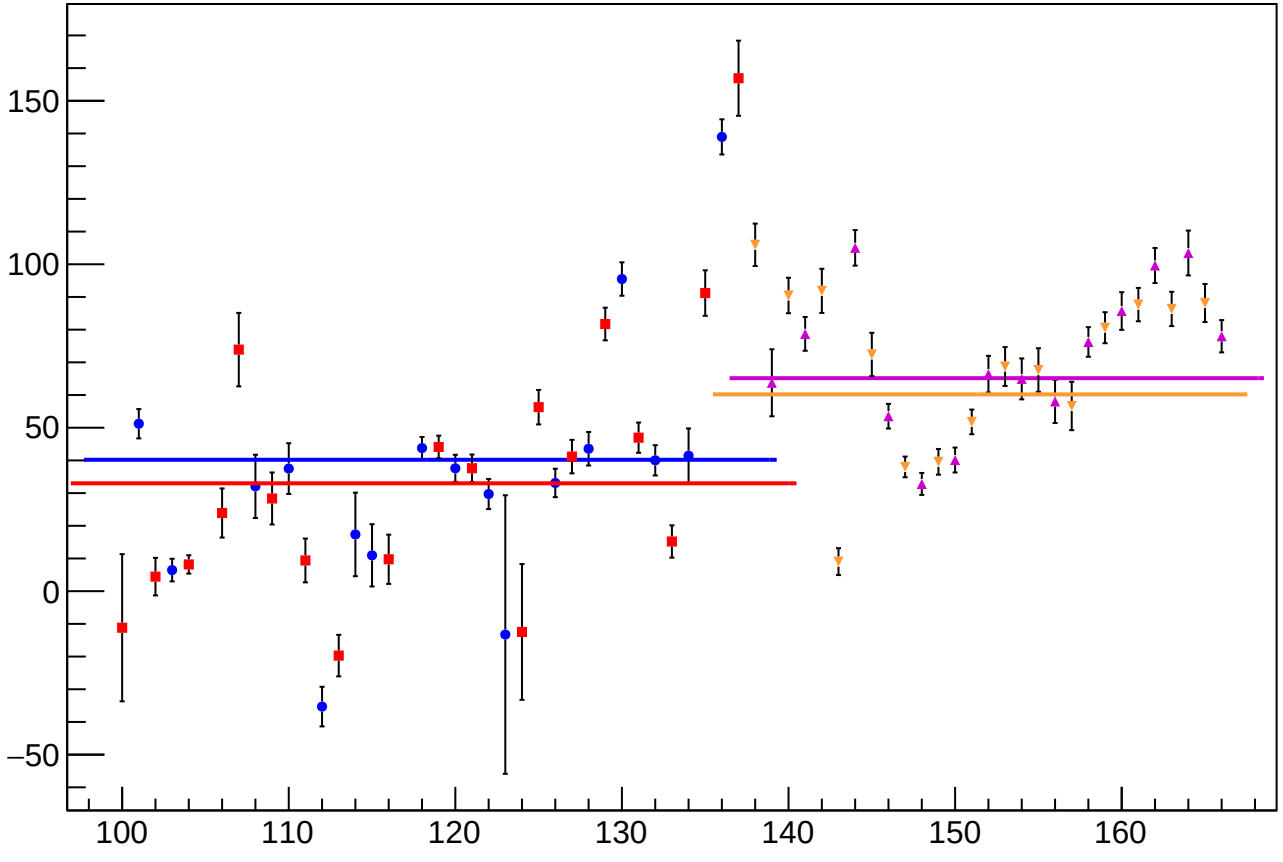
Right: 198.351+/-1.377 χ^2/NDF: 15017.4/35

In: 236.657+/-1.235 χ^2/NDF:8224.2/30

Out: 218.968+/-1.217 χ^2/NDF:12720.5/33

All: 227.681+/-0.867 χ^2/NDF: 21048.8/64

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: 60.201+/-1.276 χ^2/NDF:441.9/14

Right Out: 32.999+/-1.253 χ^2/NDF: 554.1/18

Left In: 65.152+/-1.331 χ^2/NDF:305.0/13

Left: 62.572+/-0.921 χ^2/NDF: 754.2/28

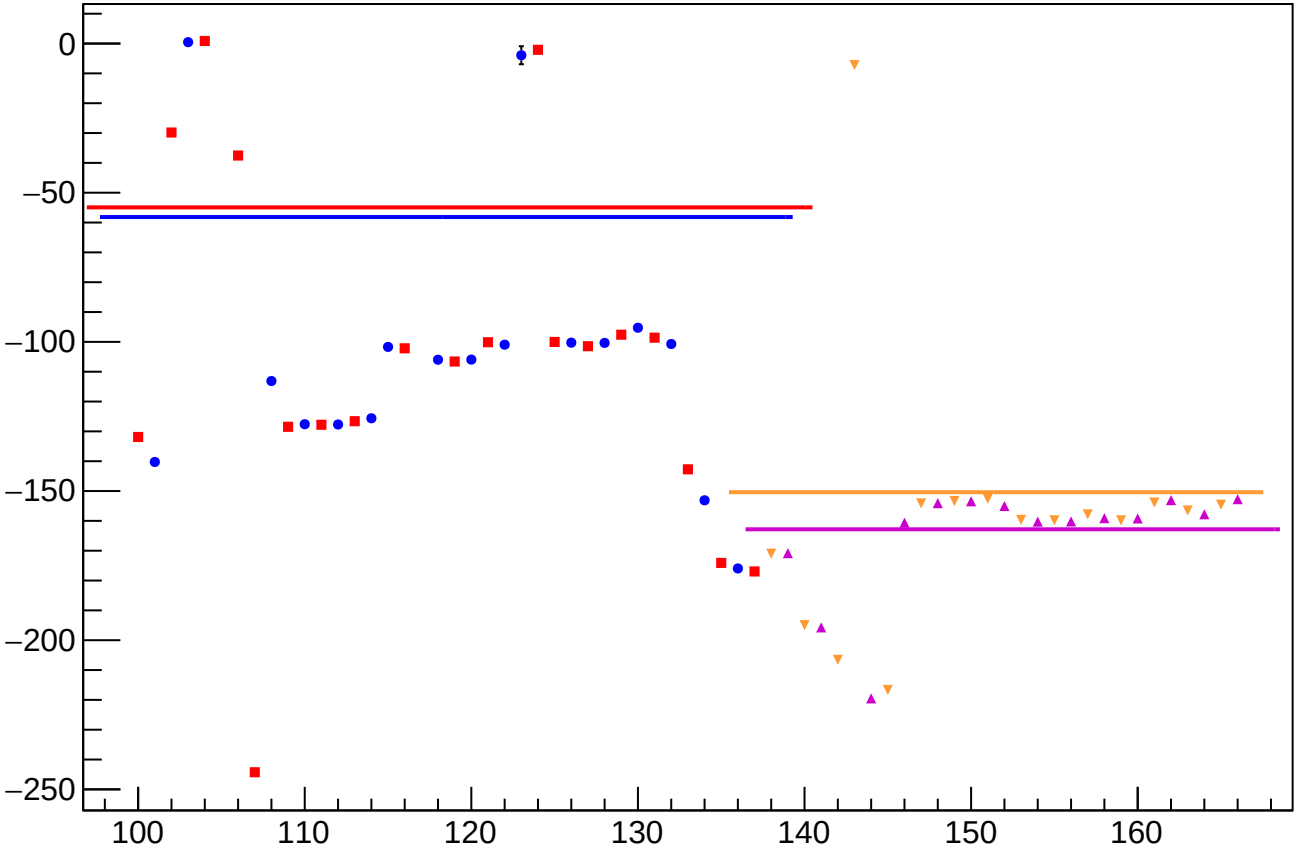
Right: 36.555+/-0.891 χ^2/NDF: 1305.3/35

In: 52.067+/-0.918 χ^2/NDF:1224.4/30

Out: 46.351+/-0.894 χ^2/NDF:1227.5/33

All: 49.133+/-0.640 χ^2/NDF: 2471.8/64

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: -150.392+/-0.063 χ^2/NDF:579840.6/14

Right Out: -54.914+/-0.060 χ^2/NDF: 1003885.5/18

Left In: -162.824+/-0.064 χ^2/NDF:62471.8/13

Left: -156.555+/-0.045 χ^2/NDF: 661500.1/28

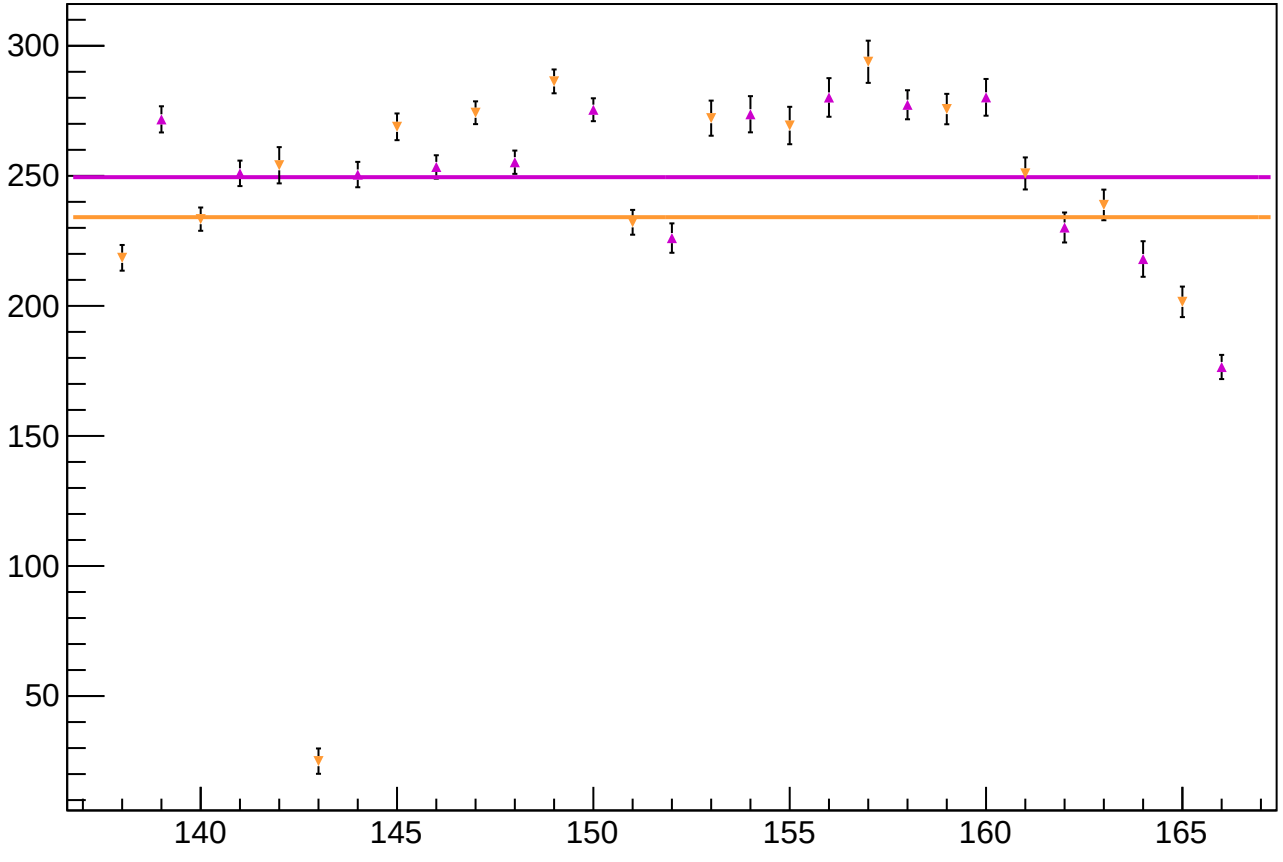
Right: -56.499+/-0.043 χ^2/NDF: 2110811.0/35

In: -108.689+/-0.044 χ^2/NDF:2563104.5/30

Out: -100.352+/-0.044 χ^2/NDF:2779991.2/33

All: -104.456+/-0.031 χ^2/NDF: 5361096.3/64

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: 234.113+/-1.407 χ^2/NDF:2321.5/14

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

Left In: 249.496+/-1.423 χ^2/NDF:425.4/13

Left: 241.719+/-1.000 χ^2/NDF: 2806.0/28

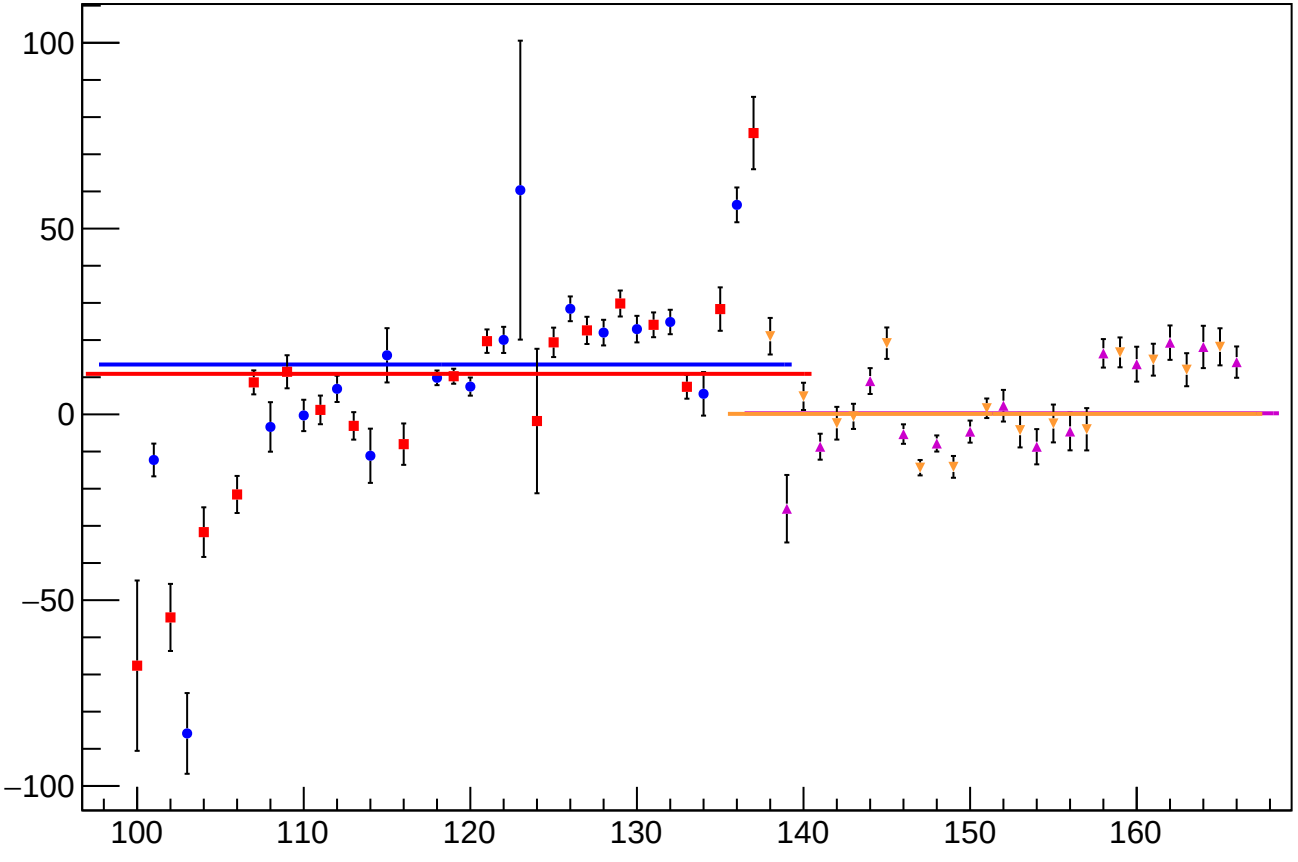
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 249.496+/-1.423 χ^2/NDF:425.4/13

Out: 234.113+/-1.407 χ^2/NDF:2321.5/14

All: 241.719+/-1.000 χ^2/NDF: 2806.0/28

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423+/-0.920 χ^2/NDF: 295.2/16

Left Out: 0.140+/-0.943 χ^2/NDF:163.2/14

Right Out: 10.908+/-0.916 χ^2/NDF: 302.6/18

Left In: 0.294+/-0.984 χ^2/NDF:109.9/13

Left: 0.214+/-0.681 χ^2/NDF: 273.1/28

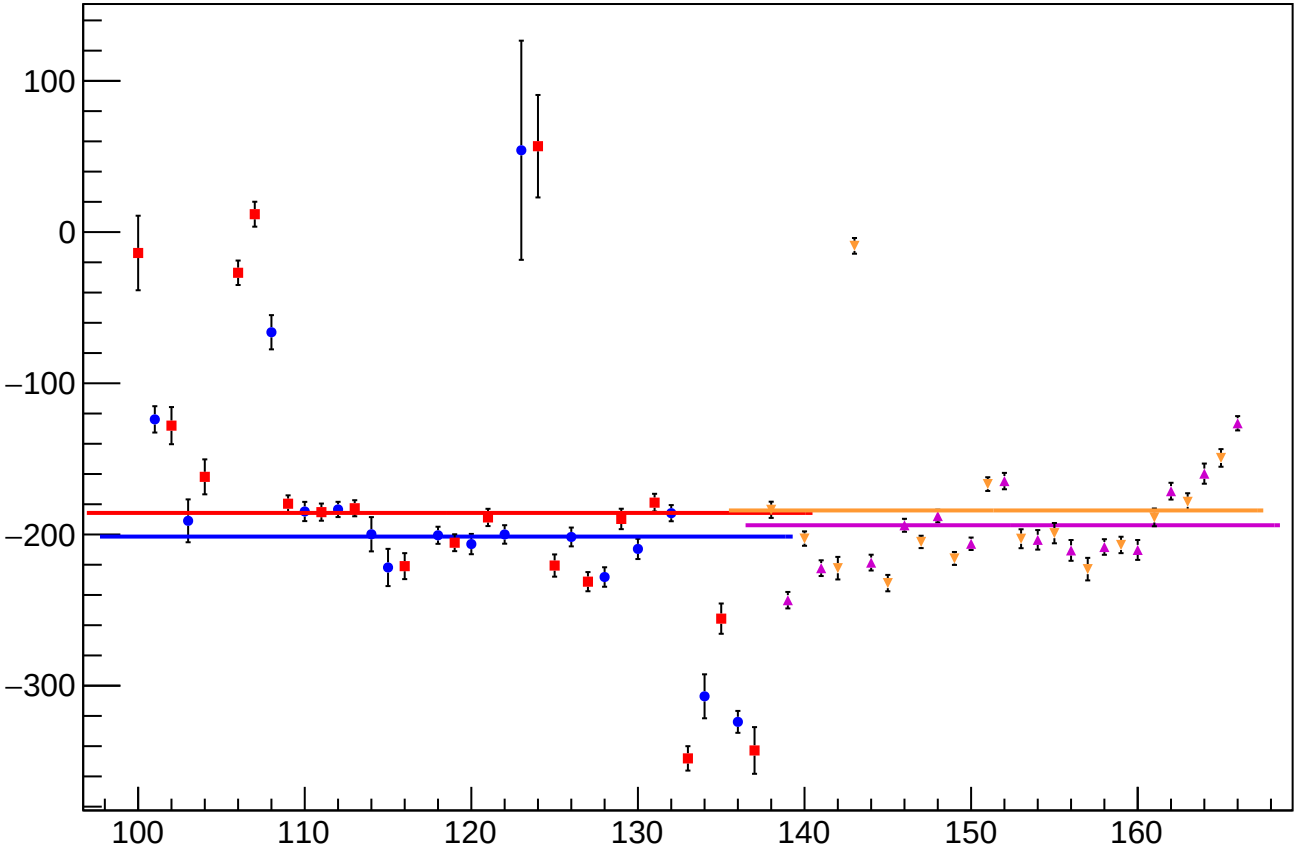
Right: 12.160+/-0.649 χ^2/NDF: 601.6/35

In: 7.302+/-0.672 χ^2/NDF:500.1/30

Out: 5.677+/-0.657 χ^2/NDF:532.9/33

All: 6.472+/-0.470 χ^2/NDF: 1036.0/64

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384+/-1.779 χ^2/NDF: 623.5/16

Left Out: -184.101+/-1.387 χ^2/NDF:1444.1/14

Right Out: -185.739+/-1.700 χ^2/NDF: 1749.3/18

Left In: -193.889+/-1.391 χ^2/NDF:442.3/13

Left: -188.981+/-0.982 χ^2/NDF: 1911.2/28

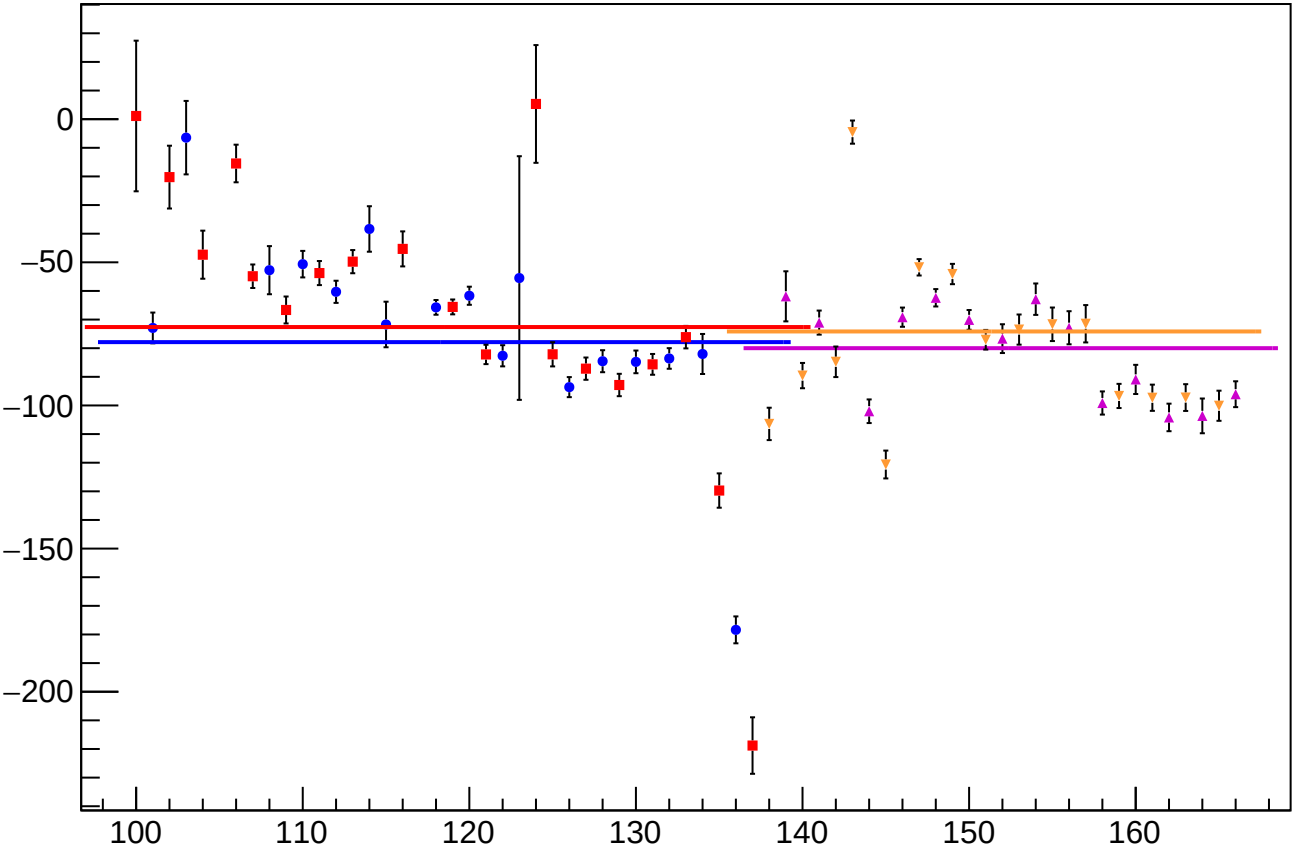
Right: -193.204+/-1.229 χ^2/NDF: 2413.2/35

In: -196.732+/-1.096 χ^2/NDF:1076.8/30

Out: -184.756+/-1.075 χ^2/NDF:3193.9/33

All: -190.627+/-0.767 χ^2/NDF: 4331.6/64

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877+/-1.066 χ^2/NDF: 658.2/16

Left Out: -74.154+/-1.131 χ^2/NDF:633.5/14

Right Out: -72.612+/-1.054 χ^2/NDF: 606.9/18

Left In: -79.993+/-1.169 χ^2/NDF:181.4/13

Left: -76.976+/-0.813 χ^2/NDF: 827.7/28

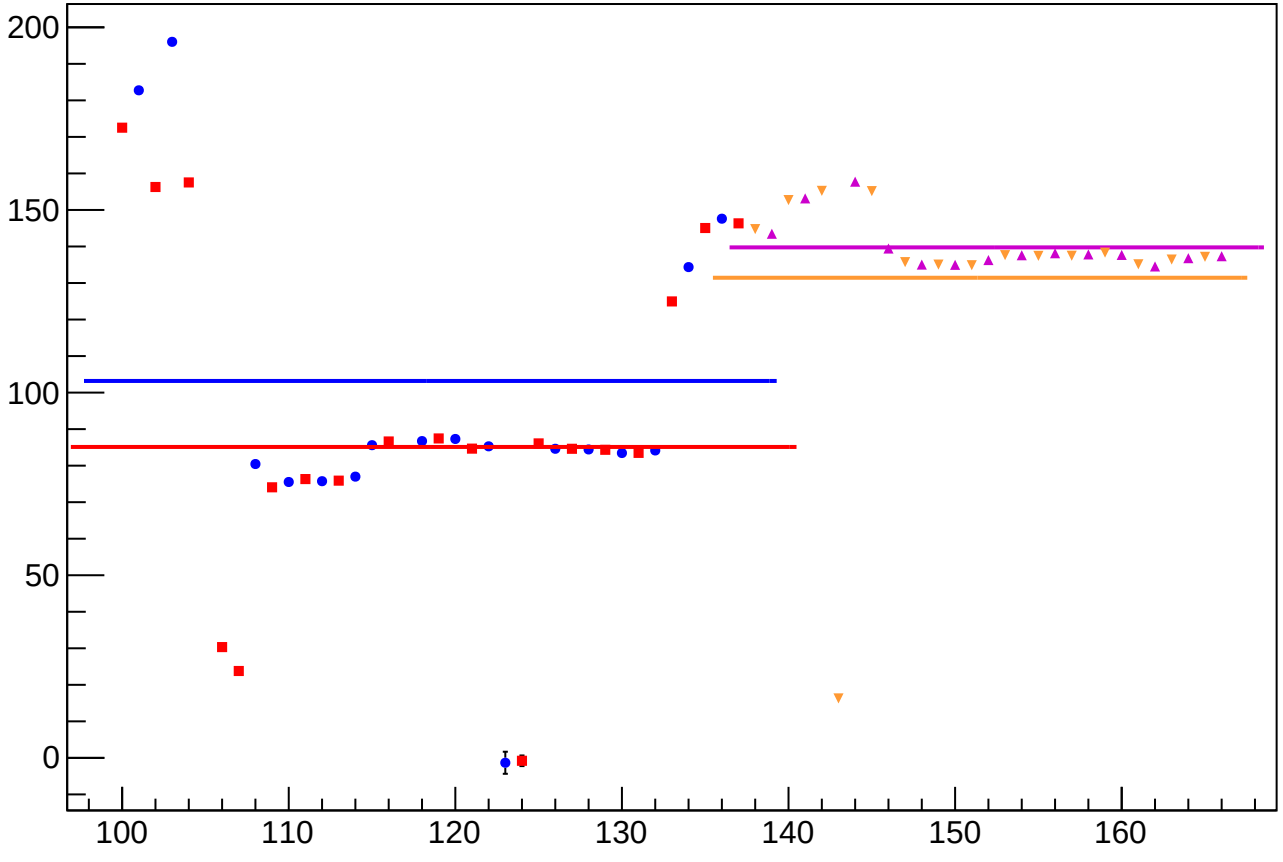
Right: -75.215+/-0.749 χ^2/NDF: 1277.4/35

In: -78.837+/-0.788 χ^2/NDF:841.3/30

Out: -73.328+/-0.771 χ^2/NDF:1241.3/33

All: -76.024+/-0.551 χ^2/NDF: 2107.6/64

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: 131.442+/-0.056 χ^2/NDF:345523.7/14

Right Out: 85.121+/-0.064 χ^2/NDF: 423521.4/18

Left In: 139.755+/-0.056 χ^2/NDF:13466.7/13

Left: 135.587+/-0.039 χ^2/NDF: 370078.7/28

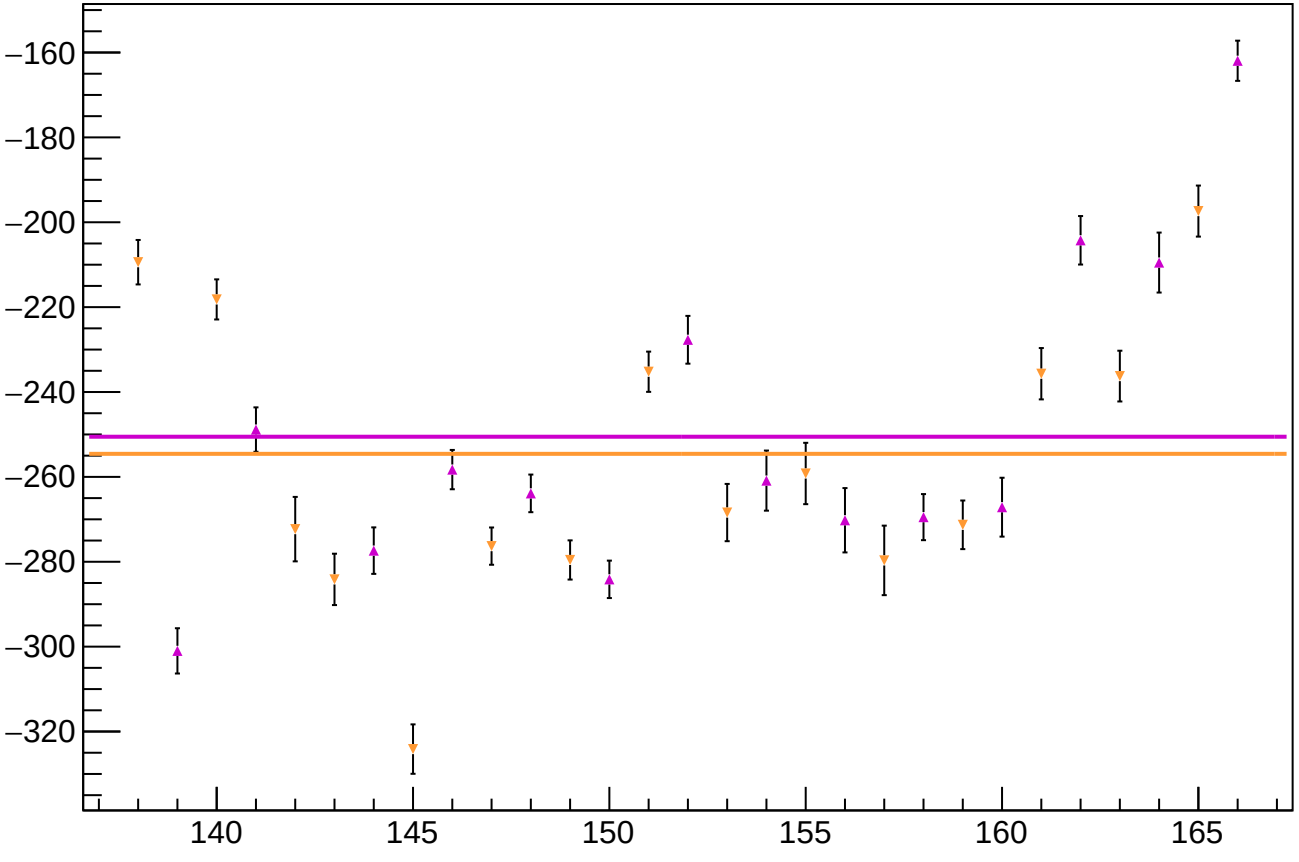
Right: 93.266+/-0.047 χ^2/NDF: 733347.5/35

In: 125.601+/-0.044 χ^2/NDF:452724.5/30

Out: 111.360+/-0.042 χ^2/NDF:1068342.3/33

All: 118.182+/-0.030 χ^2/NDF: 1576240.5/64

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: -254.569+/-1.462 χ^2/NDF:508.3/14

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

Left In: -250.535+/-1.454 χ^2/NDF:676.2/13

Left: -252.542+/-1.031 χ^2/NDF: 1188.4/28

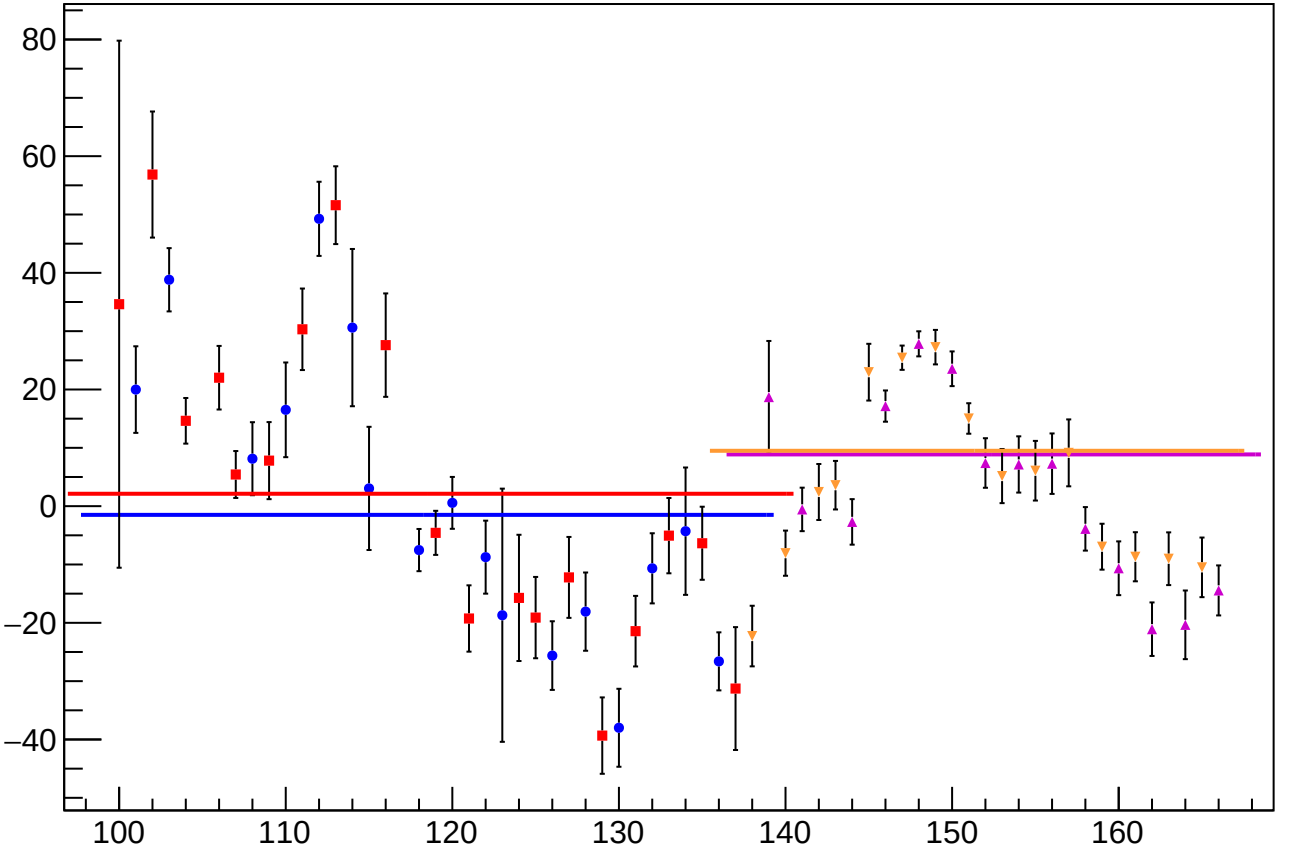
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -250.535+/-1.454 χ^2/NDF:676.2/13

Out: -254.569+/-1.462 χ^2/NDF:508.3/14

All: -252.542+/-1.031 χ^2/NDF: 1188.4/28

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: 9.493+/-0.970 χ^2/NDF:238.6/14

Right Out: 2.127+/-1.402 χ^2/NDF: 232.6/18

Left In: 8.869+/-0.999 χ^2/NDF:254.8/13

Left: 9.190+/-0.696 χ^2/NDF: 493.6/28

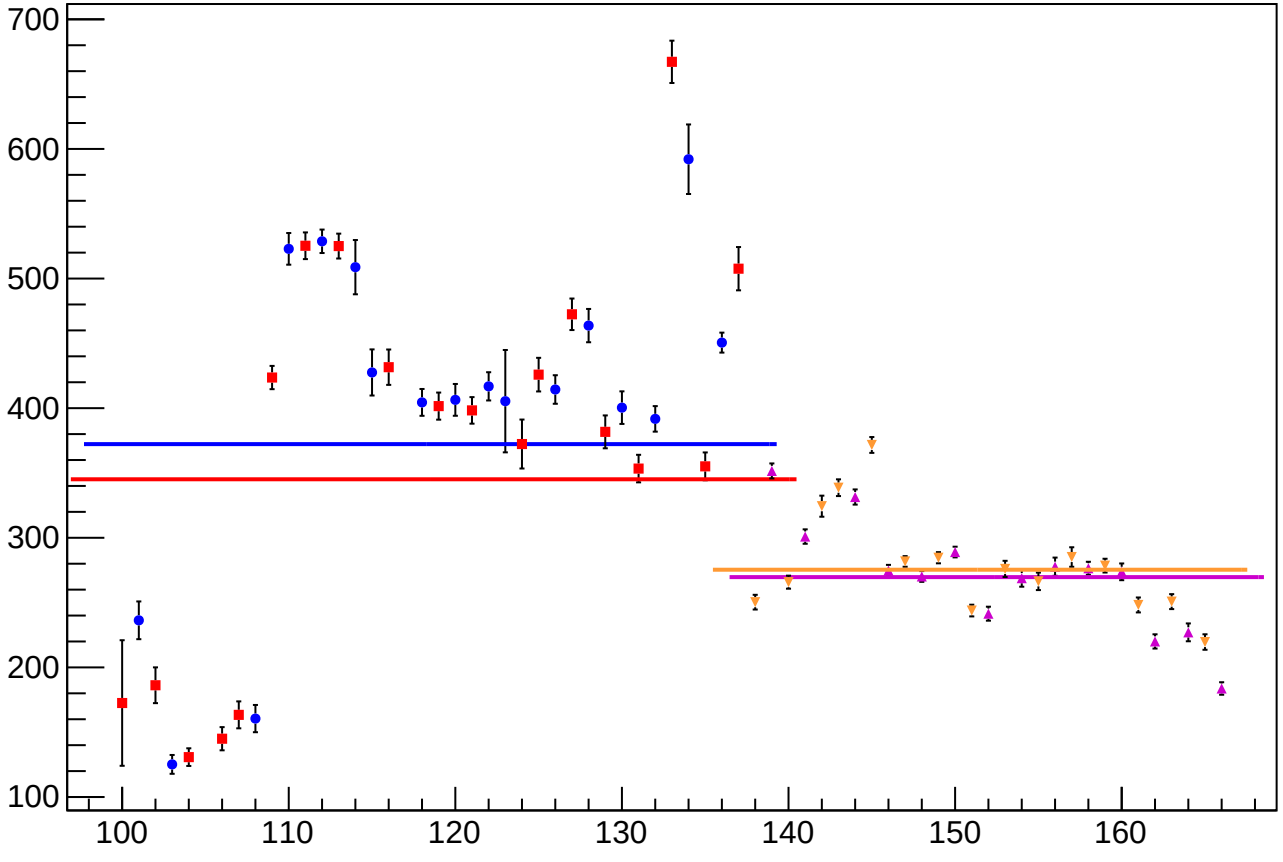
Right: 0.455+/-1.029 χ^2/NDF: 461.8/35

In: 5.726+/-0.834 χ^2/NDF:513.5/30

Out: 7.108+/-0.798 χ^2/NDF:489.9/33

All: 6.447+/-0.576 χ^2/NDF: 1004.9/64

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: 275.361+/-1.433 χ^2/NDF:590.7/14

Right Out: 345.135+/-2.562 χ^2/NDF: 3416.5/18

Left In: 269.658+/-1.417 χ^2/NDF:835.6/13

Left: 272.478+/-1.007 χ^2/NDF: 1434.3/28

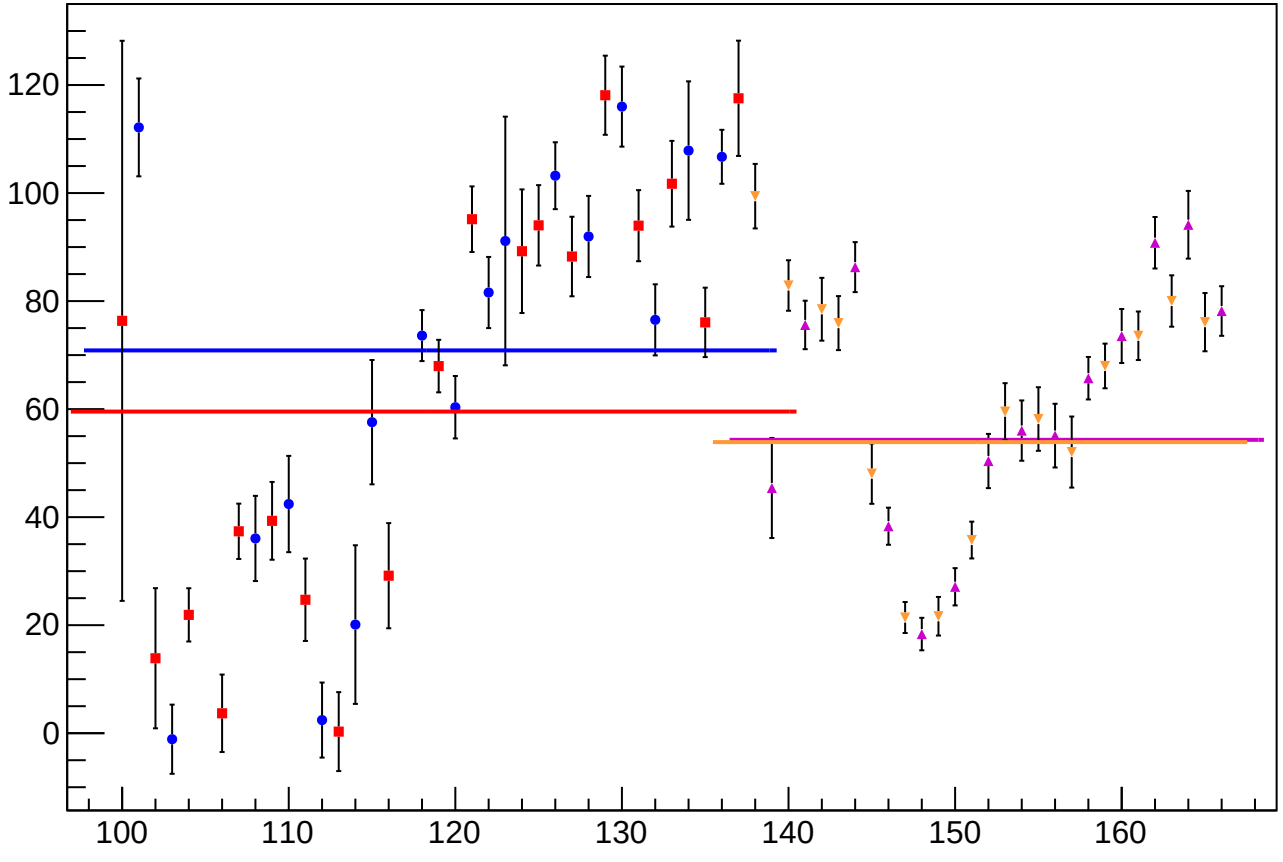
Right: 357.695+/-1.878 χ^2/NDF: 5901.5/35

In: 291.069+/-1.261 χ^2/NDF:4362.8/30

Out: 291.981+/-1.250 χ^2/NDF:4572.2/33

All: 291.528+/-0.888 χ^2/NDF: 8935.2/64

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: 53.891+/-1.166 χ^2/NDF:452.5/14

Right Out: 59.546+/-1.633 χ^2/NDF: 490.9/18

Left In: 54.315+/-1.187 χ^2/NDF:447.7/13

Left: 54.099+/-0.832 χ^2/NDF: 900.3/28

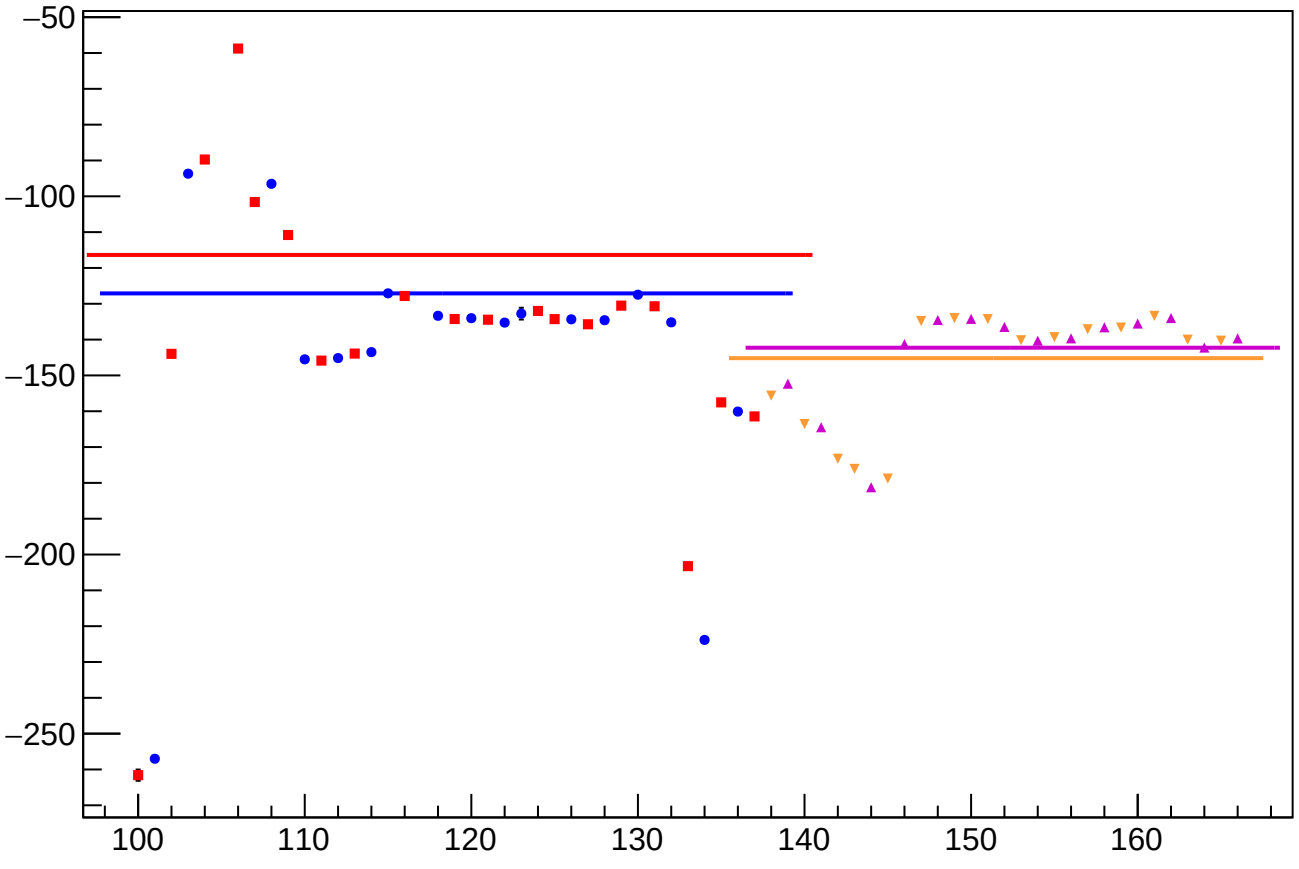
Right: 64.838+/-1.192 χ^2/NDF: 940.3/35

In: 59.561+/-0.981 χ^2/NDF:936.3/30

Out: 55.800+/-0.949 χ^2/NDF:951.3/33

All: 57.617+/-0.682 χ^2/NDF: 1895.2/64

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: -145.182+/-0.058 χ^2/NDF:67689.6/14

Right Out: -116.369+/-0.083 χ^2/NDF: 167595.6/18

Left In: -142.269+/-0.057 χ^2/NDF:43611.4/13

Left: -143.707+/-0.040 χ^2/NDF: 112596.7/28

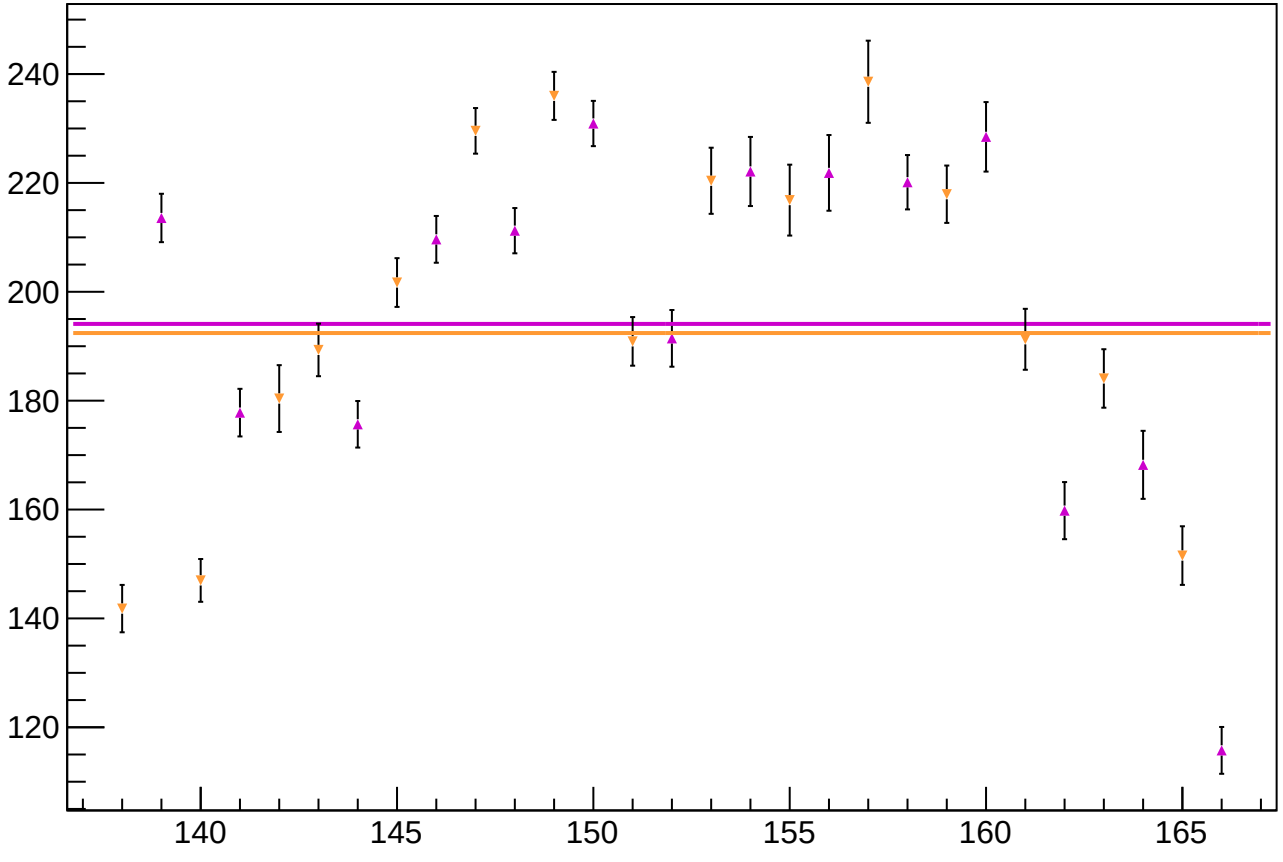
Right: -121.332+/-0.061 χ^2/NDF: 342408.2/35

In: -137.903+/-0.048 χ^2/NDF:231149.4/30

Out: -135.809+/-0.047 χ^2/NDF:316741.6/33

All: -136.841+/-0.034 χ^2/NDF: 548857.3/64

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: 192.424+/-1.290 χ^2/NDF:610.0/14

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

Left In: 194.099+/-1.301 χ^2/NDF:643.5/13

Left: 193.254+/-0.916 χ^2/NDF: 1254.3/28

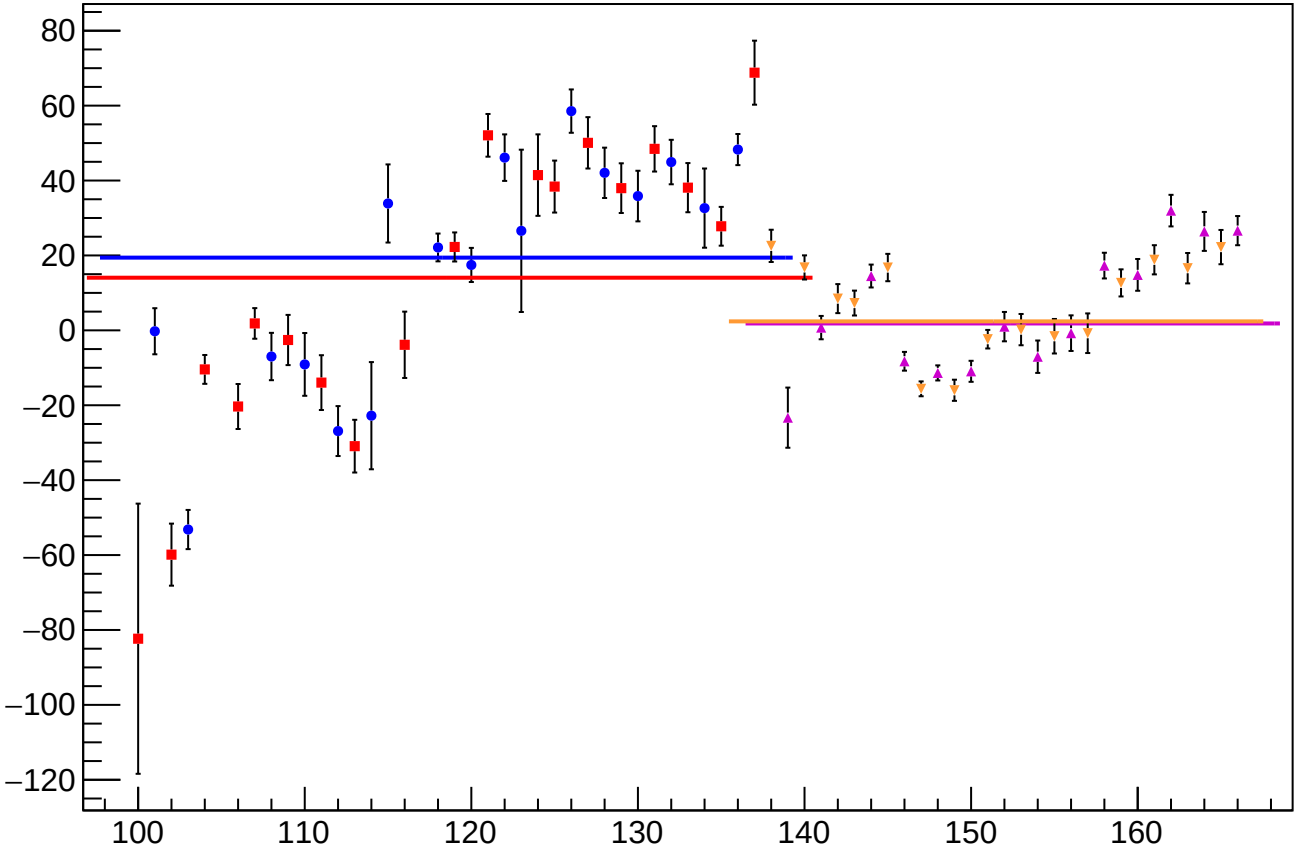
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 194.099+/-1.301 χ^2/NDF:643.5/13

Out: 192.424+/-1.290 χ^2/NDF:610.0/14

All: 193.254+/-0.916 χ^2/NDF: 1254.3/28

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: 2.394+/-0.872 χ^2/NDF:248.7/14

Right Out: 14.055+/-1.392 χ^2/NDF: 436.5/18

Left In: 1.839+/-0.905 χ^2/NDF:255.1/13

Left: 2.127+/-0.628 χ^2/NDF: 504.0/28

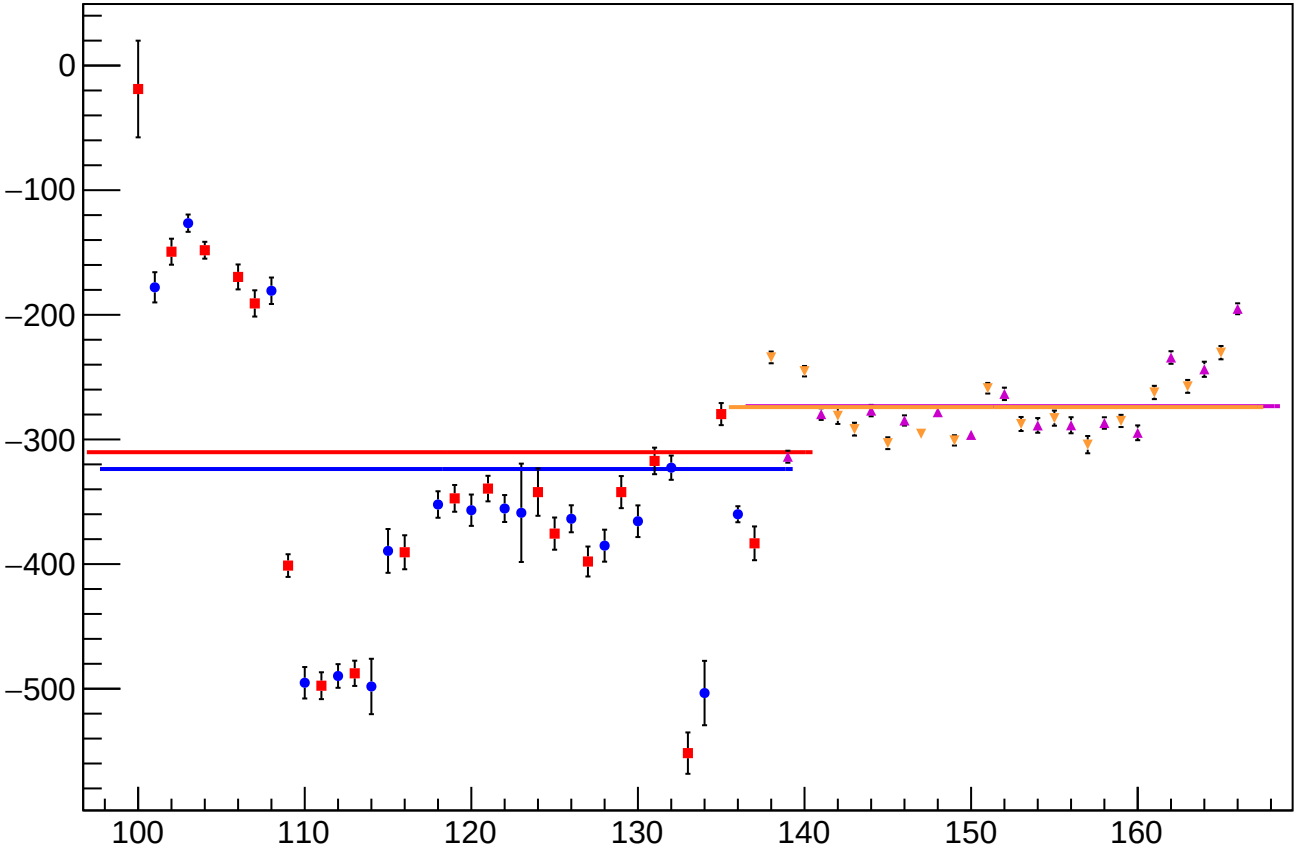
Right: 16.572+/-1.014 χ^2/NDF: 884.6/35

In: 6.625+/-0.772 χ^2/NDF:798.9/30

Out: 5.680+/-0.739 χ^2/NDF:735.7/33

All: 6.132+/-0.534 χ^2/NDF: 1535.3/64

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: -274.053+/-1.275 χ^2/NDF:367.1/14

Right Out: -310.223+/-2.523 χ^2/NDF: 2300.0/18

Left In: -273.283+/-1.275 χ^2/NDF:557.8/13

Left: -273.668+/-0.902 χ^2/NDF: 925.0/28

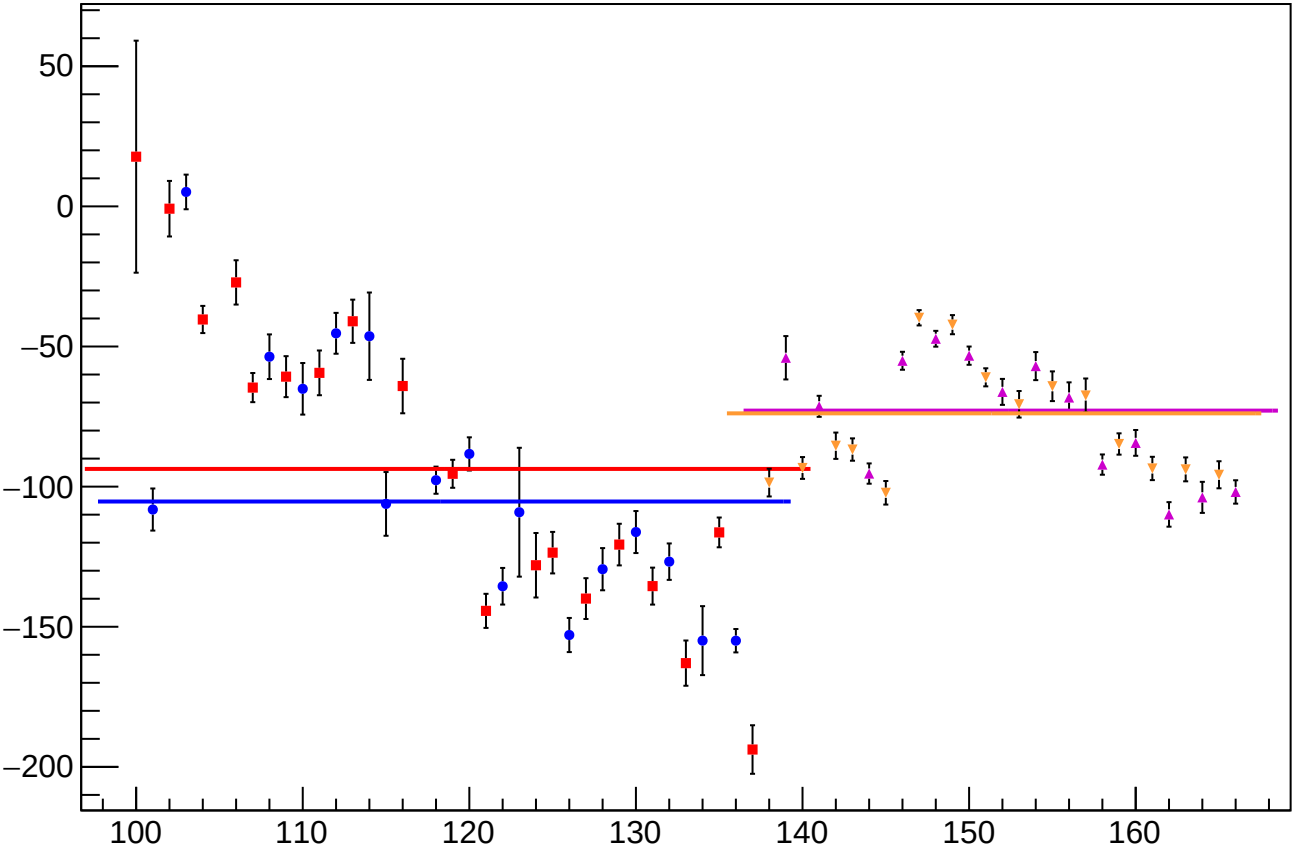
Right: -316.595+/-1.833 χ^2/NDF: 4164.2/35

In: -282.658+/-1.150 χ^2/NDF:2699.5/30

Out: -281.412+/-1.138 χ^2/NDF:2830.8/33

All: -282.028+/-0.809 χ^2/NDF: 5530.9/64

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: -73.854+/-1.043 χ^2/NDF:447.1/14

Right Out: -93.680+/-1.612 χ^2/NDF: 826.5/18

Left In: -72.879+/-1.073 χ^2/NDF:393.0/13

Left: -73.380+/-0.748 χ^2/NDF: 840.5/28

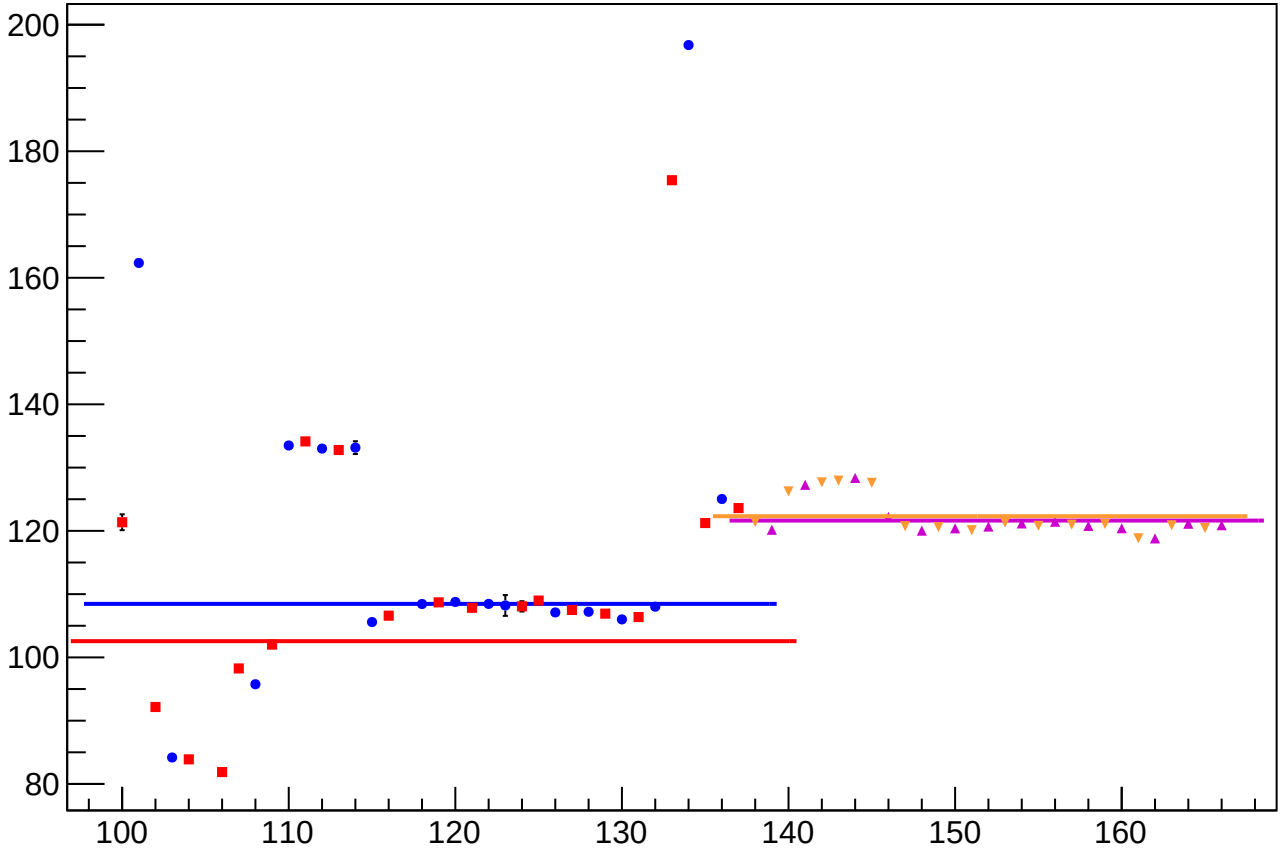
Right: -99.207+/-1.167 χ^2/NDF: 1588.8/35

In: -82.174+/-0.907 χ^2/NDF:1392.1/30

Out: -79.707+/-0.876 χ^2/NDF:1380.3/33

All: -80.898+/-0.630 χ^2/NDF: 2776.2/64

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: 122.318+/-0.051 χ^2/NDF:3329.7/14

Right Out: 102.570+/-0.079 χ^2/NDF: 53143.8/18

Left In: 121.628+/-0.051 χ^2/NDF:2572.8/13

Left: 121.973+/-0.036 χ^2/NDF: 5993.5/28

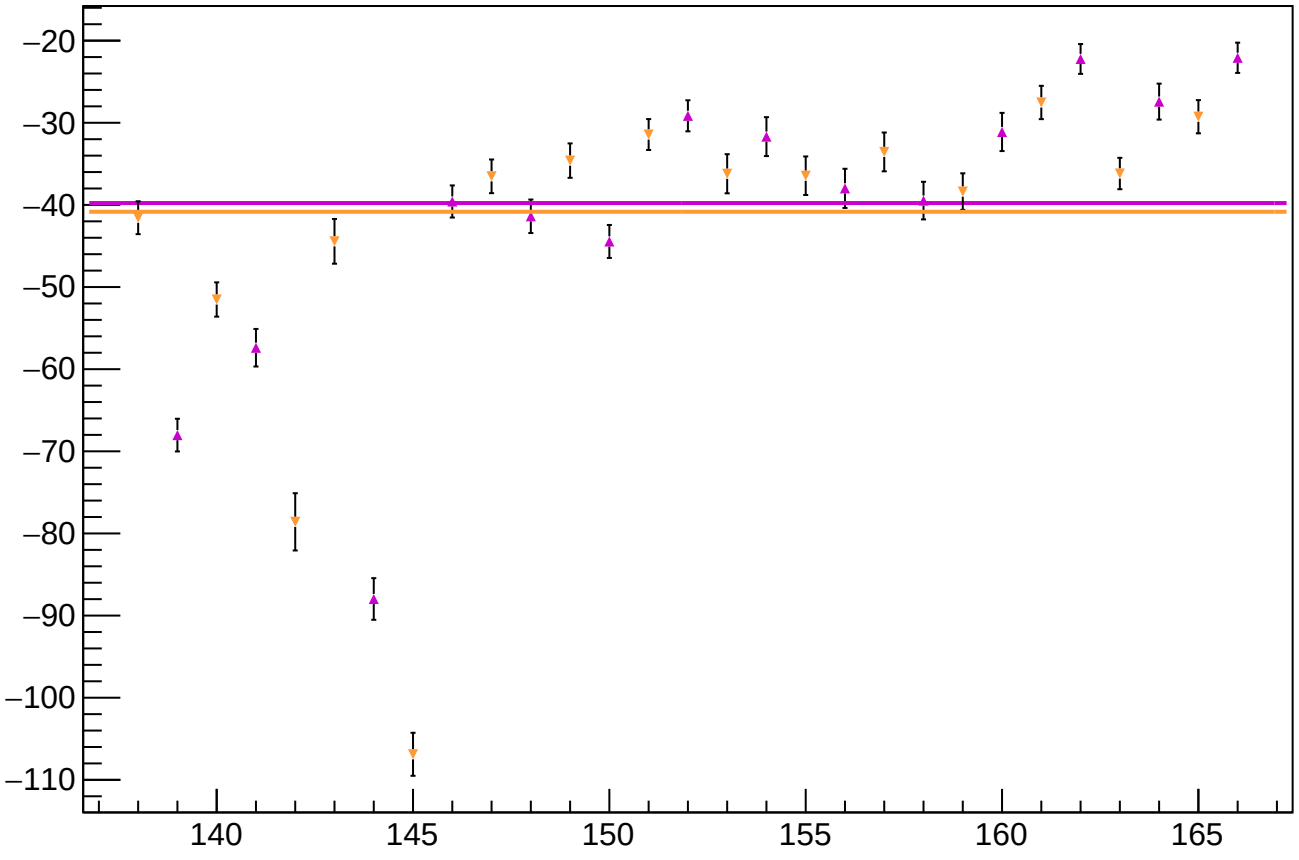
Right: 105.327+/-0.058 χ^2/NDF: 129018.0/35

In: 118.114+/-0.044 χ^2/NDF:93584.6/30

Out: 116.535+/-0.043 χ^2/NDF:100150.0/33

All: 117.310+/-0.031 χ^2/NDF: 194397.4/64

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: -40.833+/-0.569 χ^2/NDF:919.5/14

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

Left In: -39.773+/-0.562 χ^2/NDF:903.4/13

Left: -40.297+/-0.400 χ^2/NDF: 1824.6/28

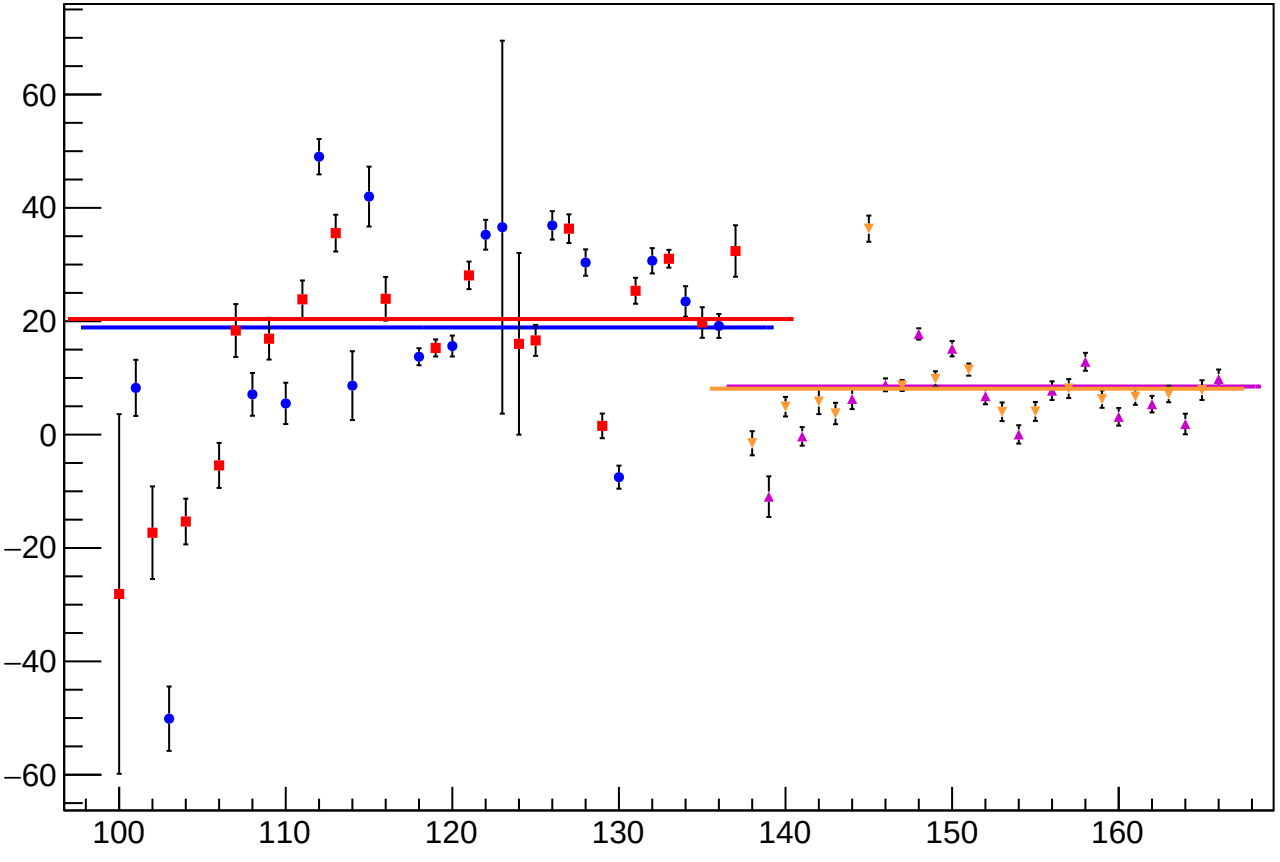
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -39.773+/-0.562 χ^2/NDF:903.4/13

Out: -40.833+/-0.569 χ^2/NDF:919.5/14

All: -40.297+/-0.400 χ^2/NDF: 1824.6/28

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906+/-0.644 χ^2/NDF: 618.9/16

Left Out: 8.102+/-0.392 χ^2/NDF:206.2/14

Right Out: 20.390+/-0.644 χ^2/NDF: 365.3/18

Left In: 8.489+/-0.400 χ^2/NDF:237.8/13

Left: 8.292+/-0.280 χ^2/NDF: 444.5/28

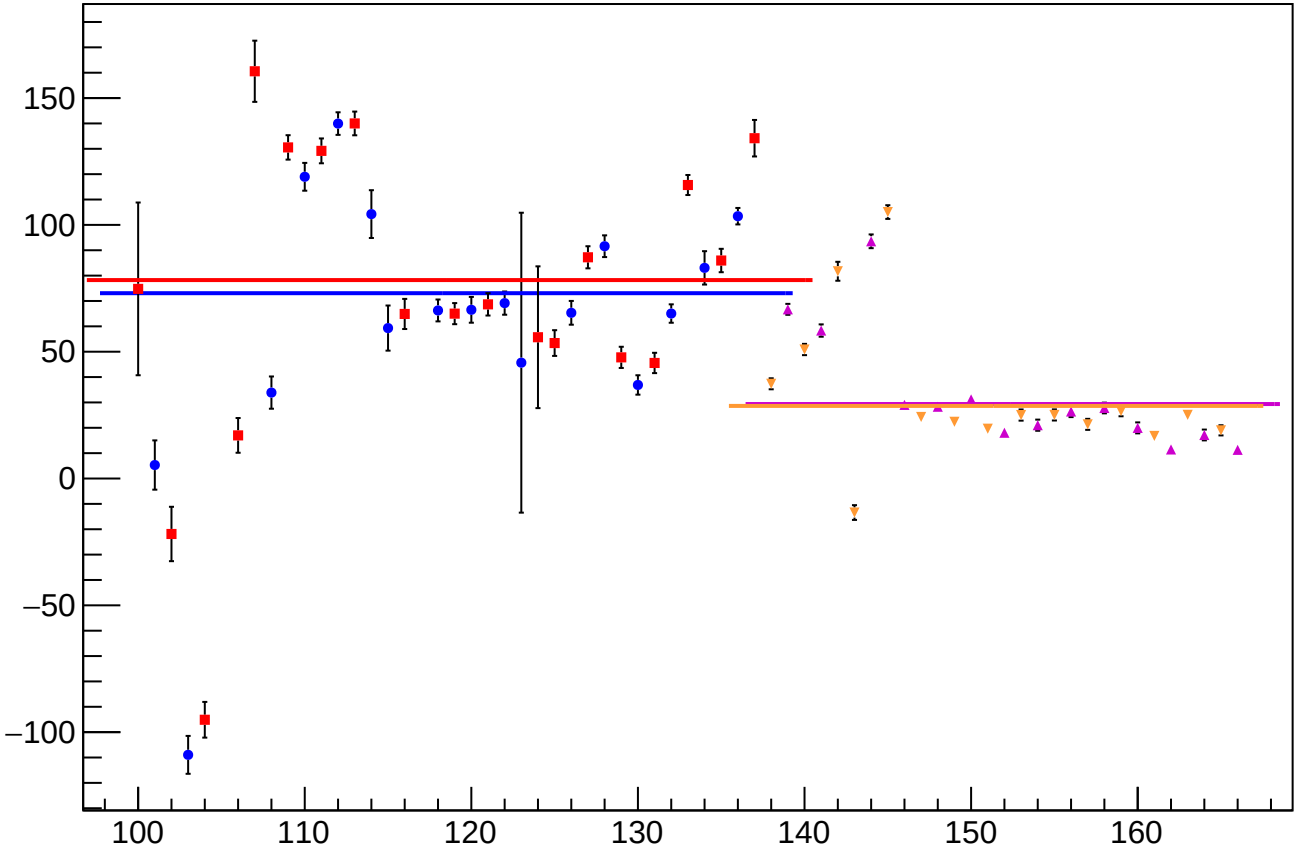
Right: 19.648+/-0.455 χ^2/NDF: 986.9/35

In: 11.387+/-0.339 χ^2/NDF:1045.9/30

Out: 11.422+/-0.335 χ^2/NDF:837.3/33

All: 11.405+/-0.238 χ^2/NDF: 1883.2/64

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: 28.629+/-0.555 χ^2/NDF:1448.4/14

Right Out: 78.241+/-1.223 χ^2/NDF: 1542.7/18

Left In: 29.365+/-0.547 χ^2/NDF:1308.8/13

Left: 29.003+/-0.389 χ^2/NDF: 2758.1/28

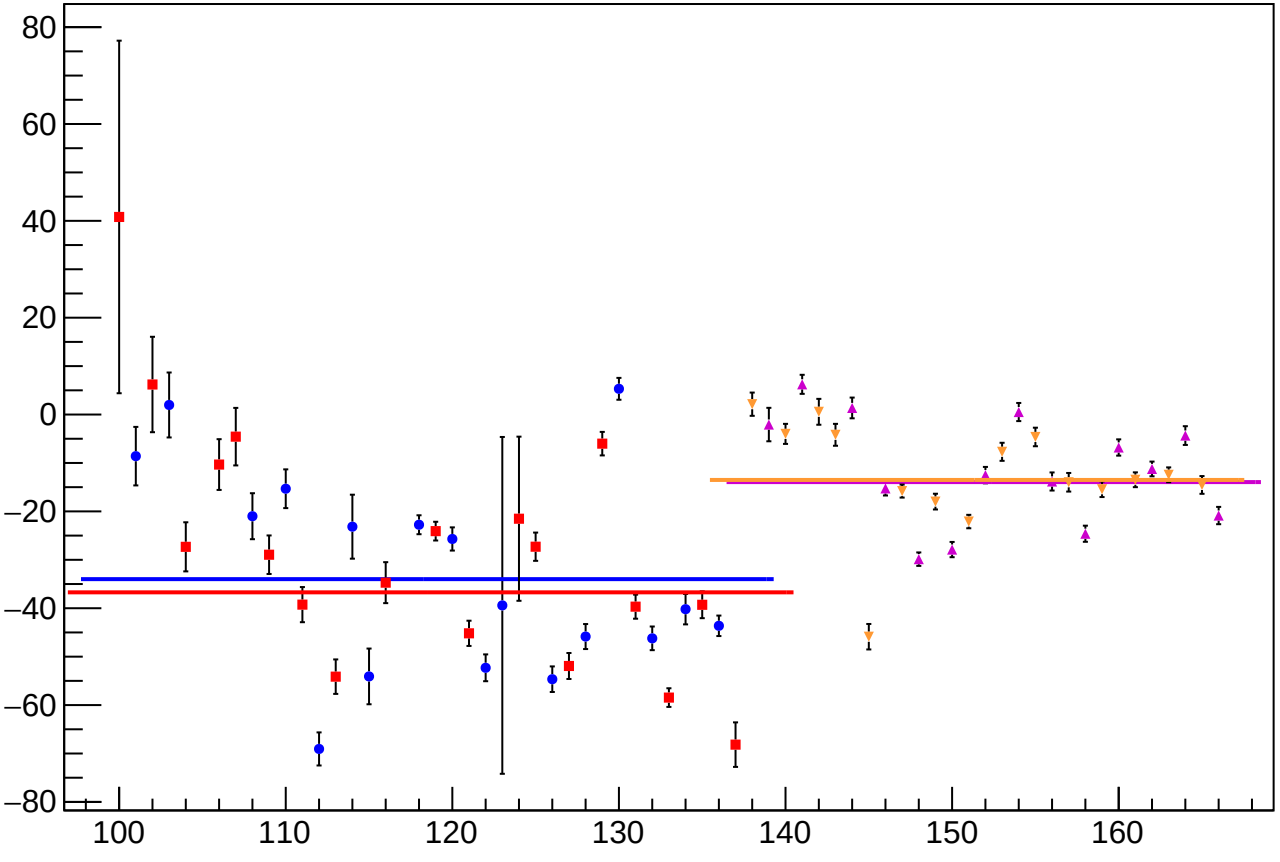
Right: 75.667+/-0.866 χ^2/NDF: 2751.5/35

In: 36.593+/-0.499 χ^2/NDF:3566.3/30

Out: 37.098+/-0.505 χ^2/NDF:4356.7/33

All: 36.843+/-0.355 χ^2/NDF: 7923.6/64

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.991+/-0.736 χ^2/NDF: 719.8/16

Left Out: -13.508+/-0.461 χ^2/NDF:342.1/14

Right Out: -36.719+/-0.737 χ^2/NDF: 542.9/18

Left In: -13.950+/-0.466 χ^2/NDF:541.2/13

Left: -13.726+/-0.328 χ^2/NDF: 883.8/28

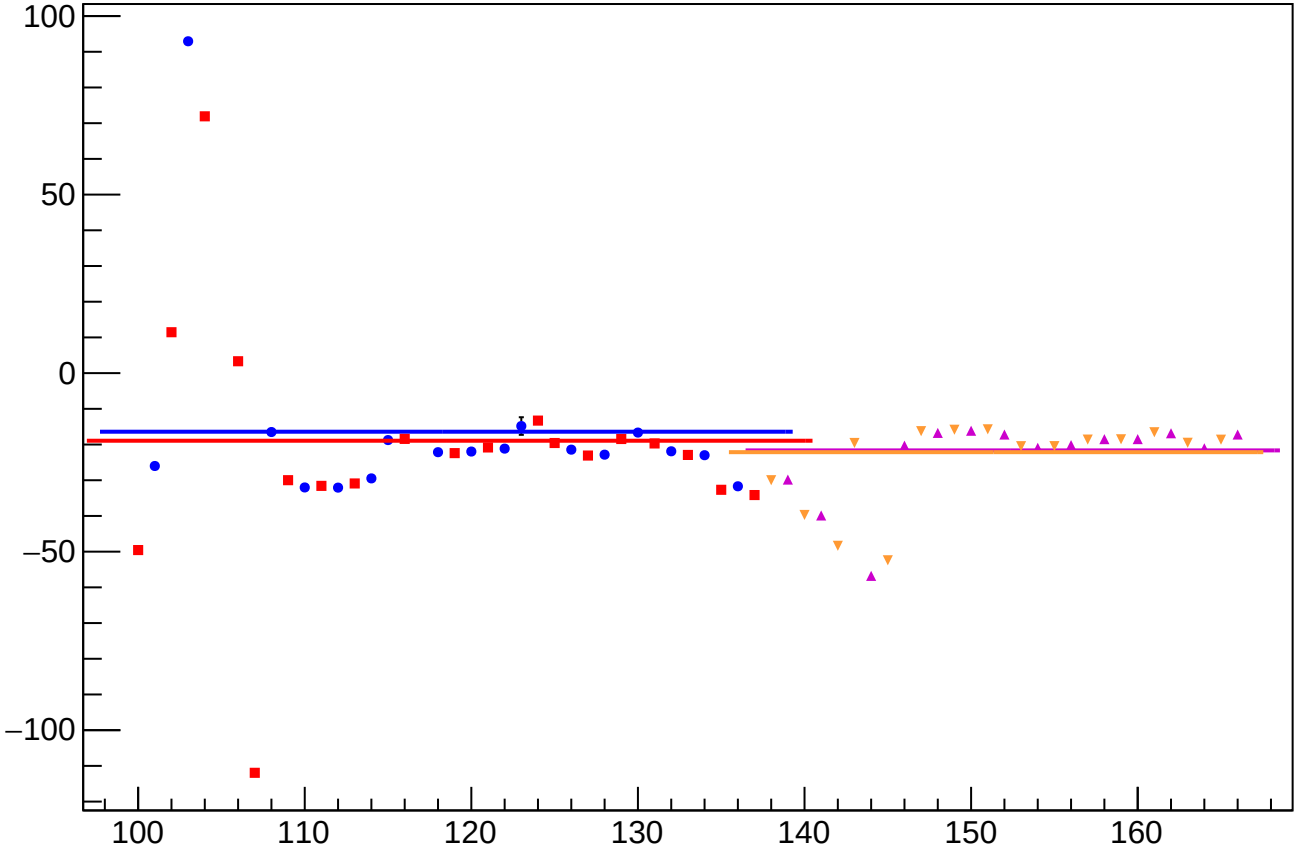
Right: -35.354+/-0.521 χ^2/NDF: 1269.6/35

In: -19.687+/-0.394 χ^2/NDF:1789.9/30

Out: -20.032+/-0.391 χ^2/NDF:1598.5/33

All: -19.861+/-0.277 χ^2/NDF: 3388.7/64

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: -22.137+/-0.022 χ^2/NDF:183867.8/14

Right Out: -18.934+/-0.045 χ^2/NDF: 434152.2/18

Left In: -21.642+/-0.022 χ^2/NDF:157355.3/13

Left: -21.887+/-0.015 χ^2/NDF: 341484.5/28

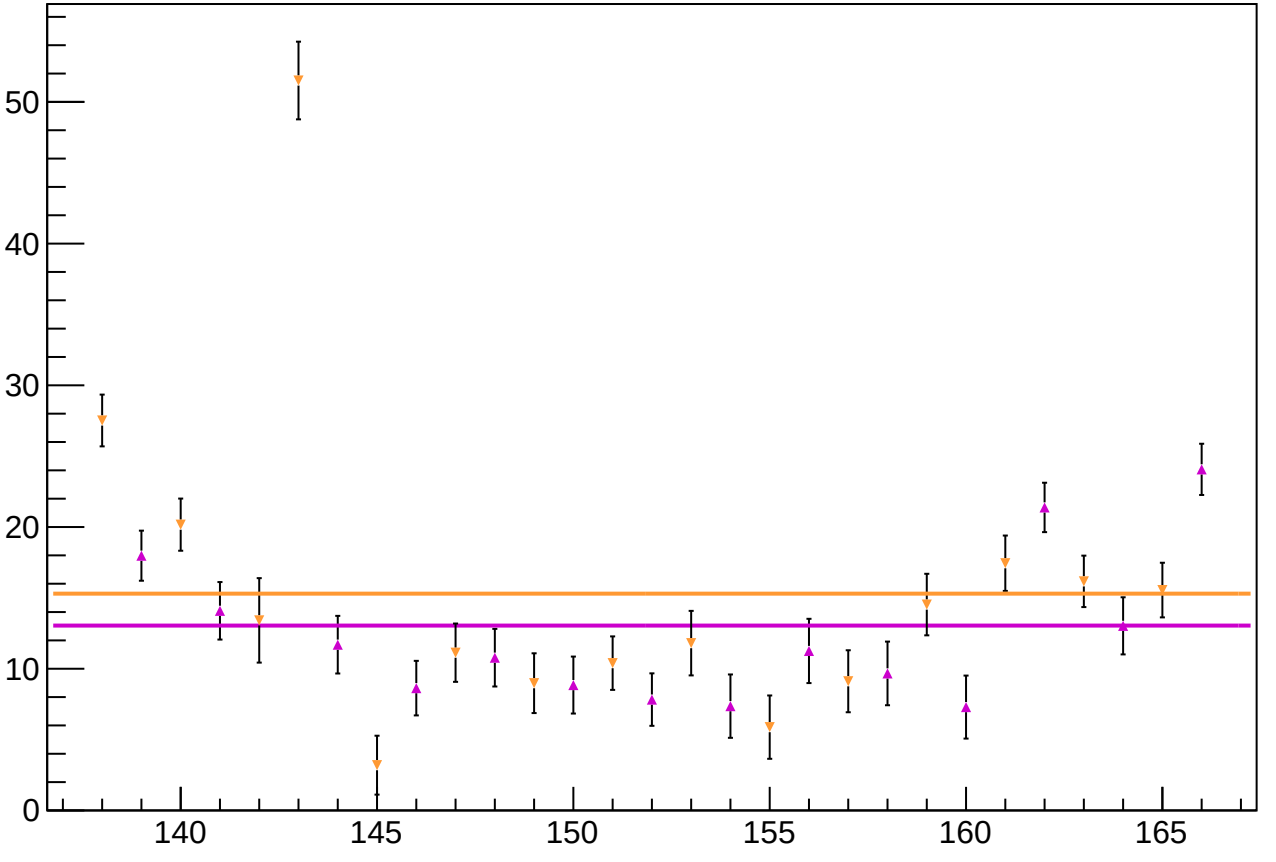
Right: -17.648+/-0.032 χ^2/NDF: 910108.0/35

In: -20.642+/-0.019 χ^2/NDF:642954.5/30

Out: -21.534+/-0.020 χ^2/NDF:622089.6/33

All: -21.083+/-0.014 χ^2/NDF: 1266087.7/64

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: 15.299+/-0.537 χ^2/NDF:310.1/14

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

Left In: 13.046+/-0.532 χ^2/NDF:103.4/13

Left: 14.161+/-0.378 χ^2/NDF: 422.4/28

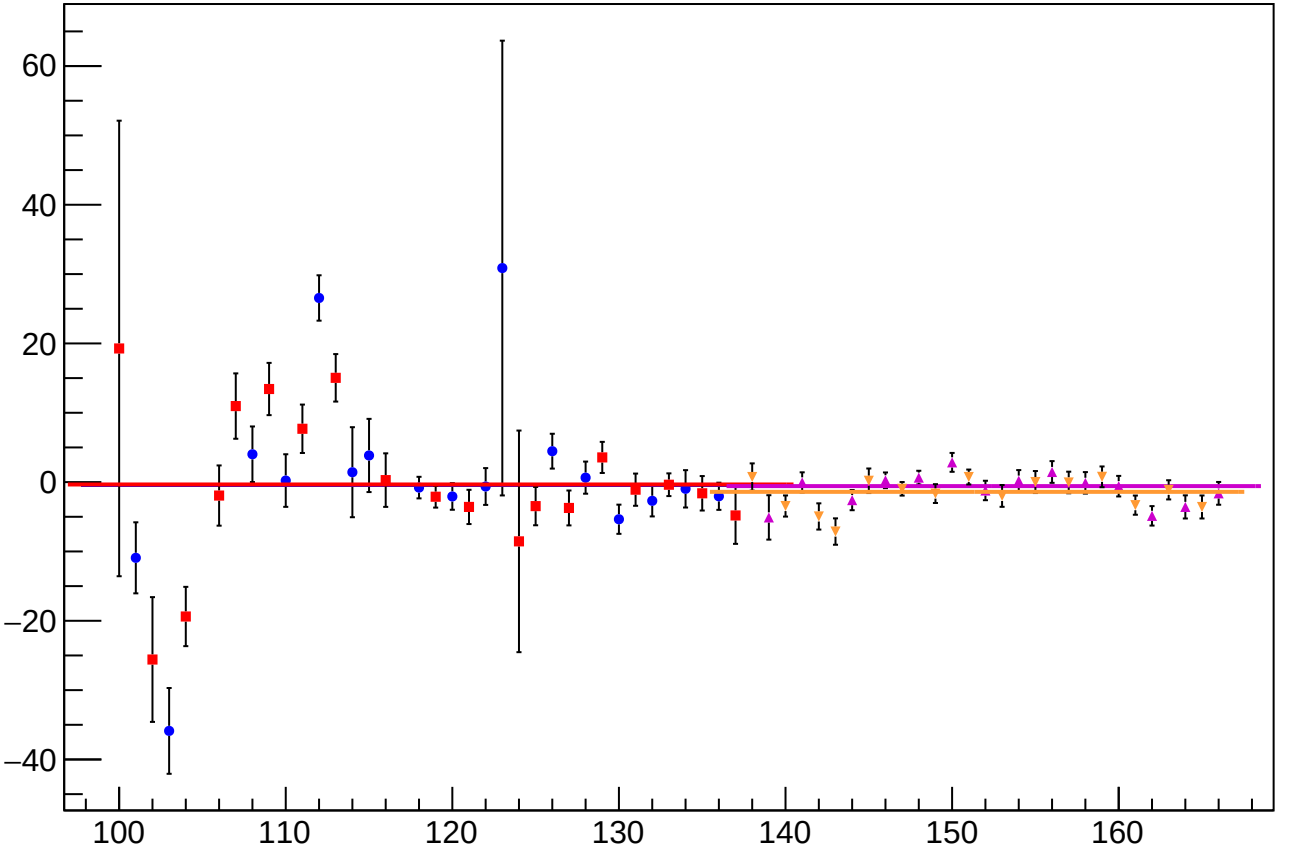
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 13.046+/-0.532 χ^2/NDF:103.4/13

Out: 15.299+/-0.537 χ^2/NDF:310.1/14

All: 14.161+/-0.378 χ^2/NDF: 422.4/28

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.414+/-0.653 χ^2/NDF: 119.9/16

Left Out: -1.403+/-0.376 χ^2/NDF:28.1/14

Right Out: -0.342+/-0.658 χ^2/NDF: 83.7/18

Left In: -0.576+/-0.382 χ^2/NDF:27.7/13

Left: -0.997+/-0.268 χ^2/NDF: 58.1/28

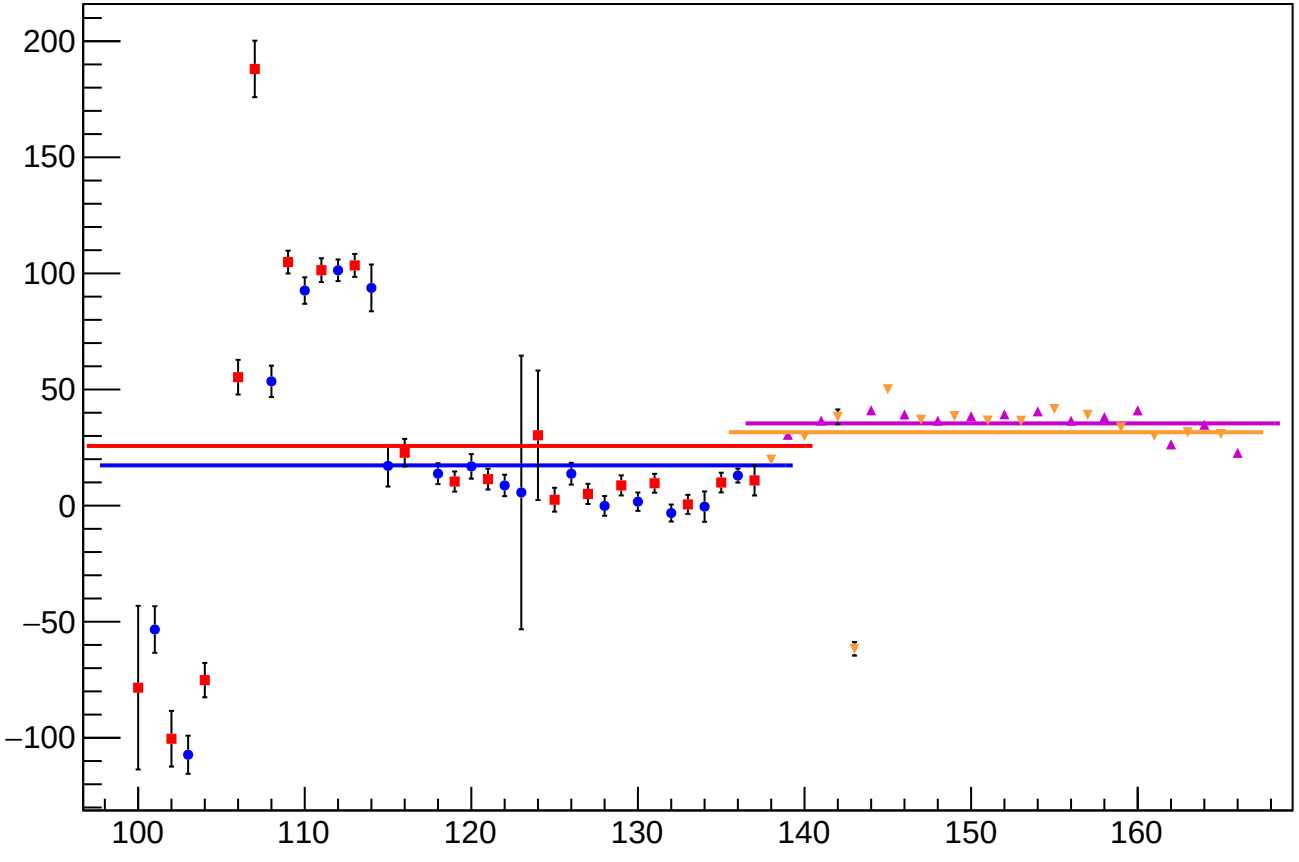
Right: -0.378+/-0.463 χ^2/NDF: 203.7/35

In: -0.535+/-0.330 χ^2/NDF:147.7/30

Out: -1.143+/-0.326 χ^2/NDF:113.8/33

All: -0.842+/-0.232 χ^2/NDF: 263.1/64

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328+/-1.239 χ^2/NDF: 943.2/16

Left Out: 31.621+/-0.527 χ^2/NDF:1201.0/14

Right Out: 25.701+/-1.243 χ^2/NDF: 1379.1/18

Left In: 35.414+/-0.520 χ^2/NDF:118.3/13

Left: 33.543+/-0.370 χ^2/NDF: 1345.6/28

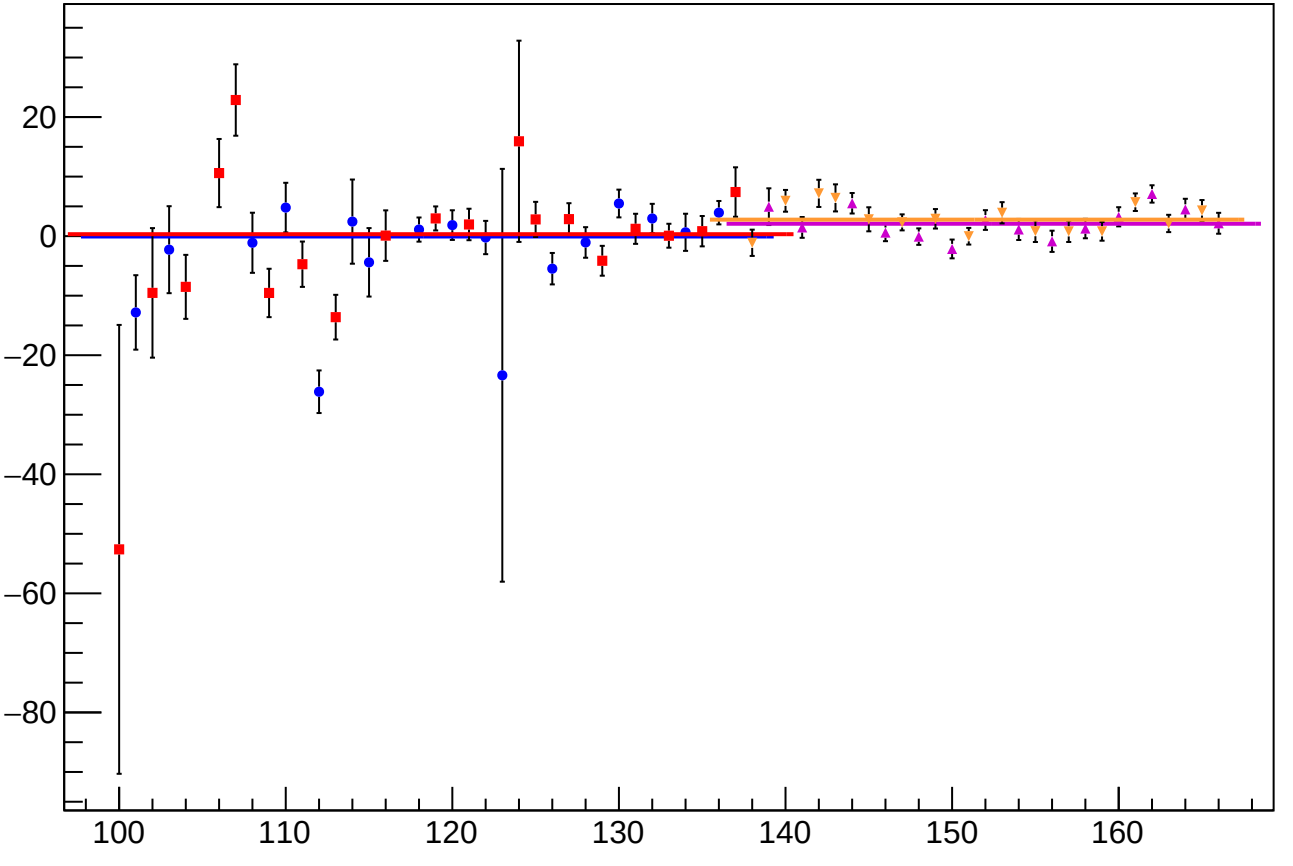
Right: 21.501+/-0.877 χ^2/NDF: 2345.0/35

In: 32.709+/-0.479 χ^2/NDF:1242.7/30

Out: 30.720+/-0.485 χ^2/NDF:2599.4/33

All: 31.726+/-0.341 χ^2/NDF: 3850.6/64

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.059+/-0.744 χ^2/NDF: 76.5/16

Left Out: 2.770+/-0.440 χ^2/NDF:25.7/14

Right Out: 0.326+/-0.749 χ^2/NDF: 55.1/18

Left In: 2.081+/-0.445 χ^2/NDF:33.3/13

Left: 2.430+/-0.313 χ^2/NDF: 60.2/28

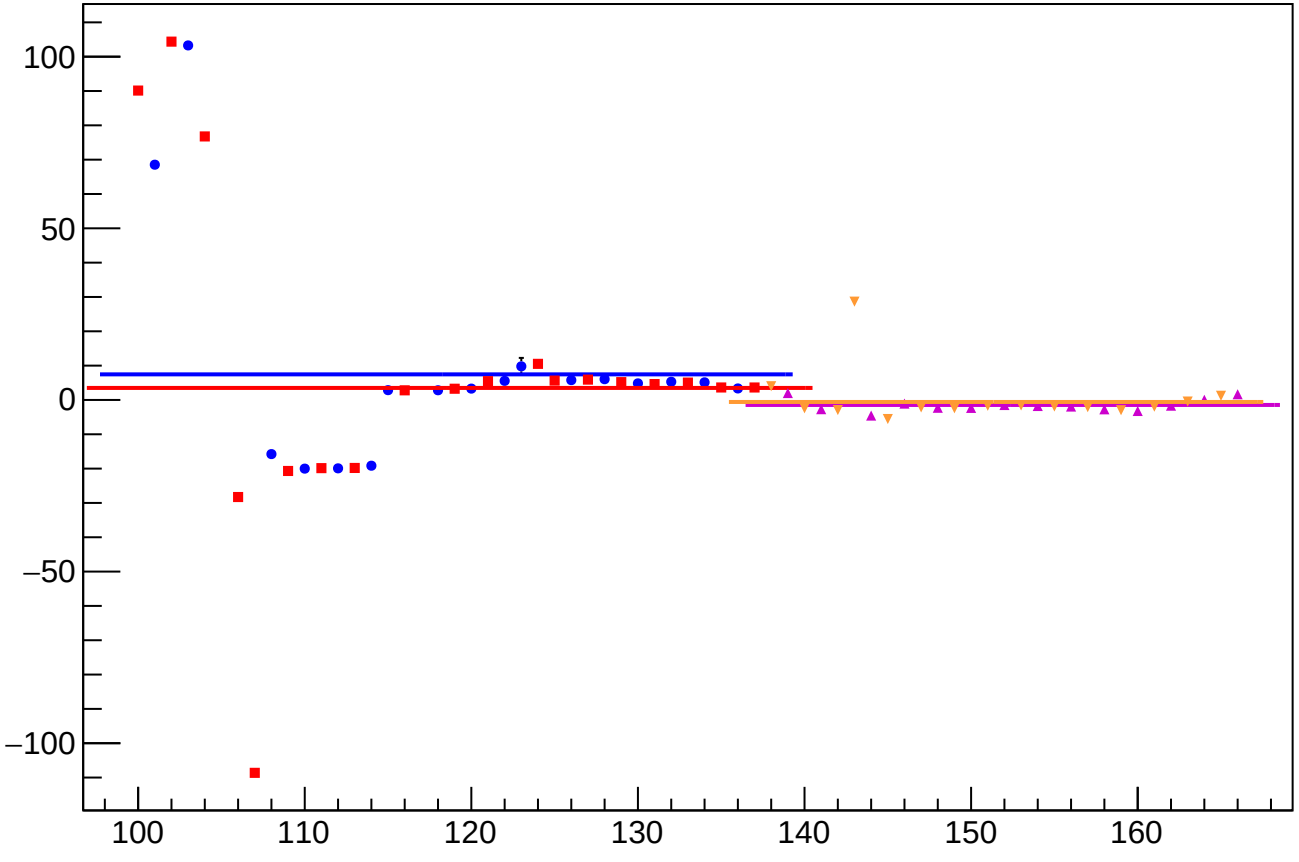
Right: 0.132+/-0.528 χ^2/NDF: 131.8/35

In: 1.517+/-0.382 χ^2/NDF:115.9/30

Out: 2.143+/-0.379 χ^2/NDF:88.8/33

All: 1.832+/-0.269 χ^2/NDF: 206.0/64

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: -0.588+/-0.021 χ^2/NDF:74009.2/14

Right Out: 3.502+/-0.046 χ^2/NDF: 510579.7/18

Left In: -1.456+/-0.020 χ^2/NDF:6857.1/13

Left: -1.025+/-0.015 χ^2/NDF: 81759.0/28

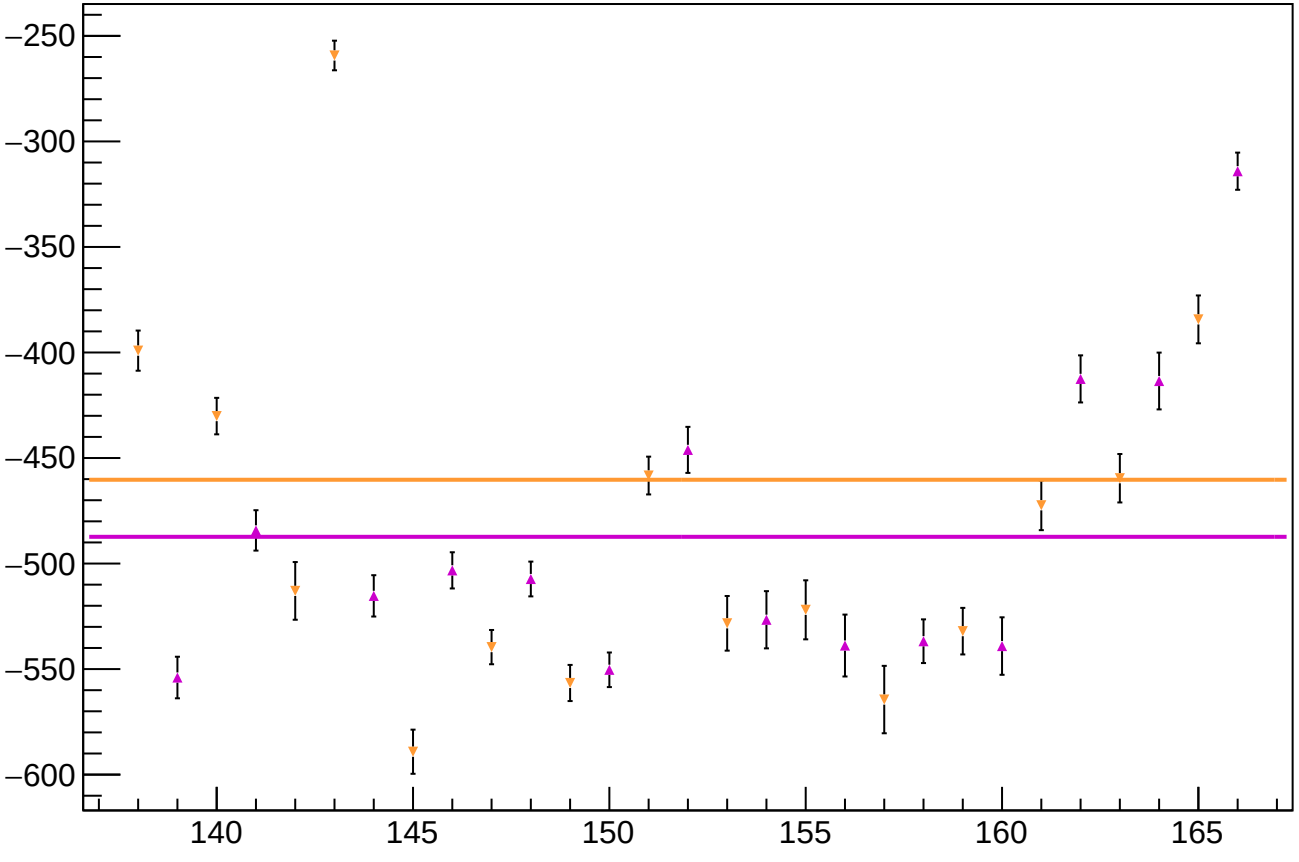
Right: 5.528+/-0.032 χ^2/NDF: 870492.1/35

In: 0.105+/-0.019 χ^2/NDF:396096.8/30

Out: 0.108+/-0.019 χ^2/NDF:591281.2/33

All: 0.106+/-0.013 χ^2/NDF: 987378.1/64

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: -460.297+/-2.614 χ^2/NDF:1440.3/14

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

Left In: -487.330+/-2.726 χ^2/NDF:656.9/13

Left: -473.248+/-1.887 χ^2/NDF: 2148.3/28

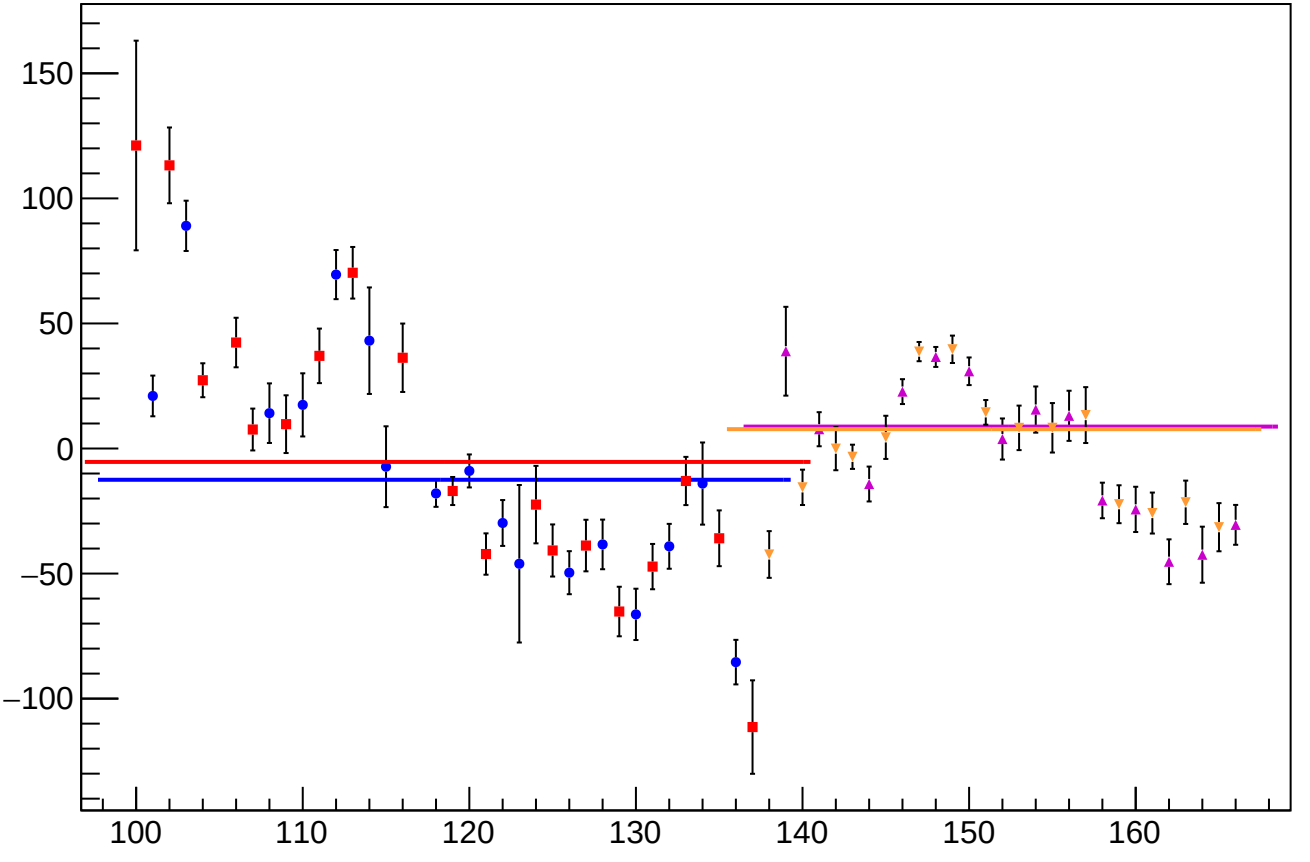
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -487.330+/-2.726 χ^2/NDF:656.9/13

Out: -460.297+/-2.614 χ^2/NDF:1440.3/14

All: -473.248+/-1.887 χ^2/NDF: 2148.3/28

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: 7.735+/-1.740 χ^2/NDF:207.3/14

Right Out: -5.363+/-2.264 χ^2/NDF: 344.6/18

Left In: 8.762+/-1.870 χ^2/NDF:199.7/13

Left: 8.211+/-1.274 χ^2/NDF: 407.1/28

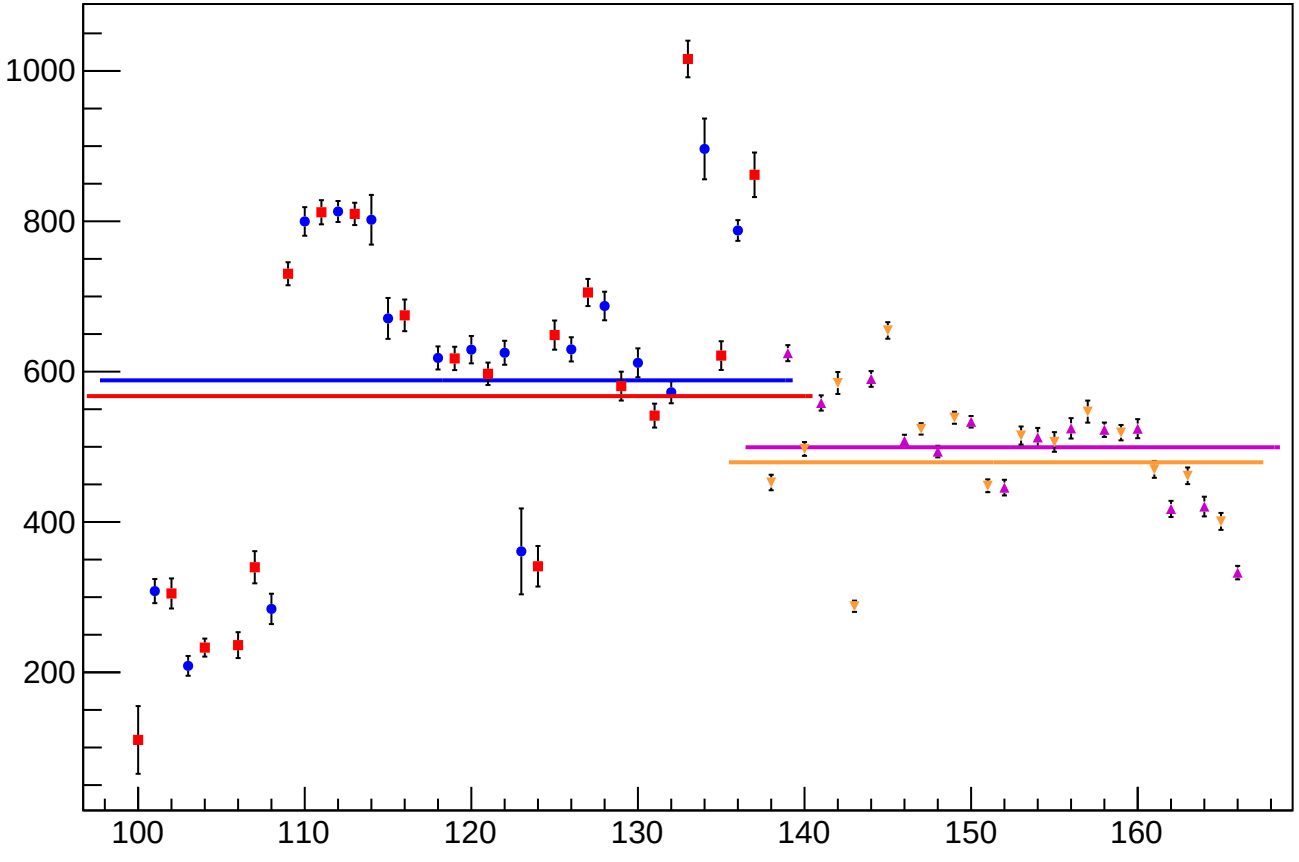
Right: -8.858+/-1.617 χ^2/NDF: 690.5/35

In: 0.348+/-1.454 χ^2/NDF:591.9/30

Out: 2.873+/-1.379 χ^2/NDF:572.9/33

All: 1.677+/-1.001 χ^2/NDF: 1166.4/64

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: 479.433+/-2.585 χ^2/NDF:1173.2/14

Right Out: 567.451+/-4.137 χ^2/NDF: 2784.8/18

Left In: 499.392+/-2.661 χ^2/NDF:748.8/13

Left: 489.124+/-1.854 χ^2/NDF: 1950.9/28

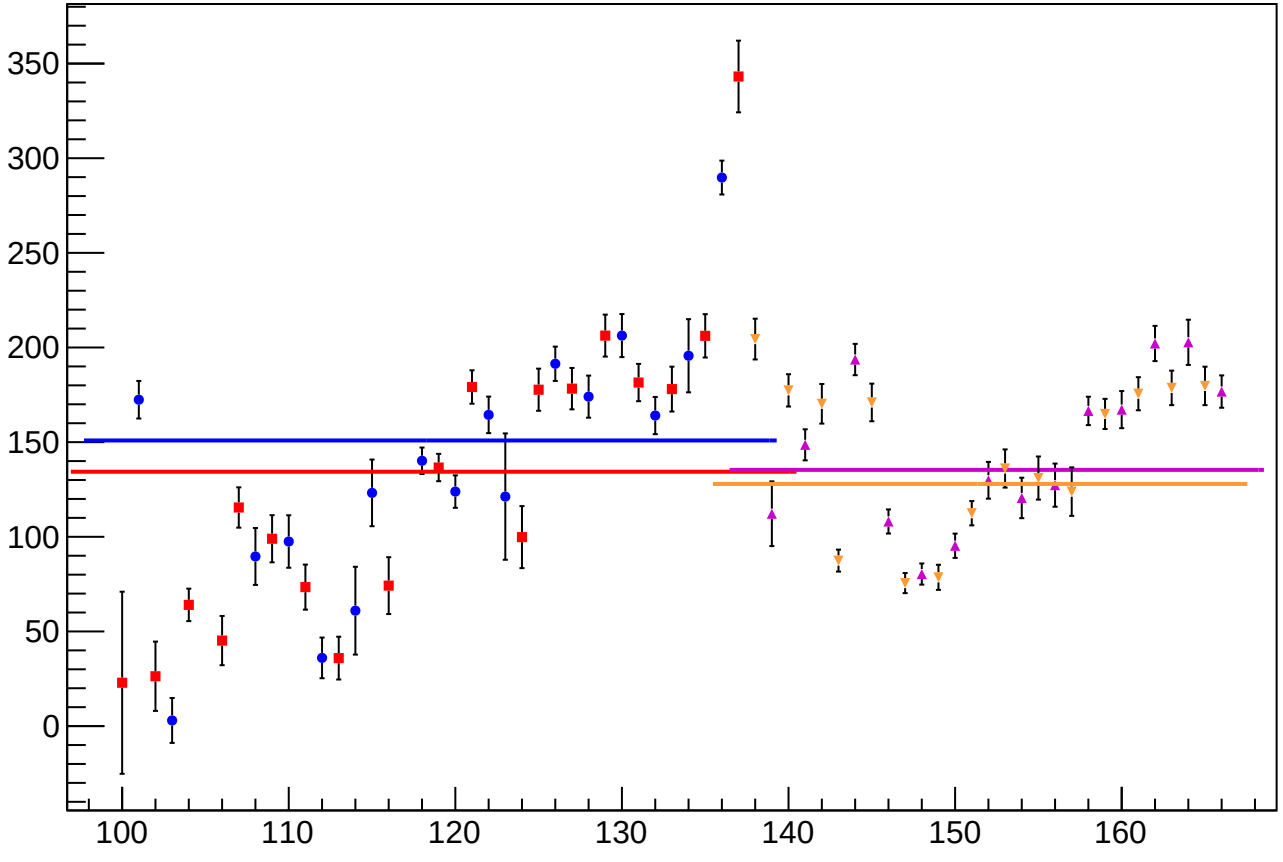
Right: 577.481+/-2.988 χ^2/NDF: 4927.3/35

In: 523.875+/-2.266 χ^2/NDF:3186.9/30

Out: 504.148+/-2.192 χ^2/NDF:4283.6/33

All: 513.686+/-1.575 χ^2/NDF: 7509.6/64

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: 127.922+/-2.094 χ^2/NDF:435.7/14

Right Out: 134.381+/-2.620 χ^2/NDF: 584.9/18

Left In: 135.358+/-2.228 χ^2/NDF:345.9/13

Left: 131.409+/-1.526 χ^2/NDF: 787.5/28

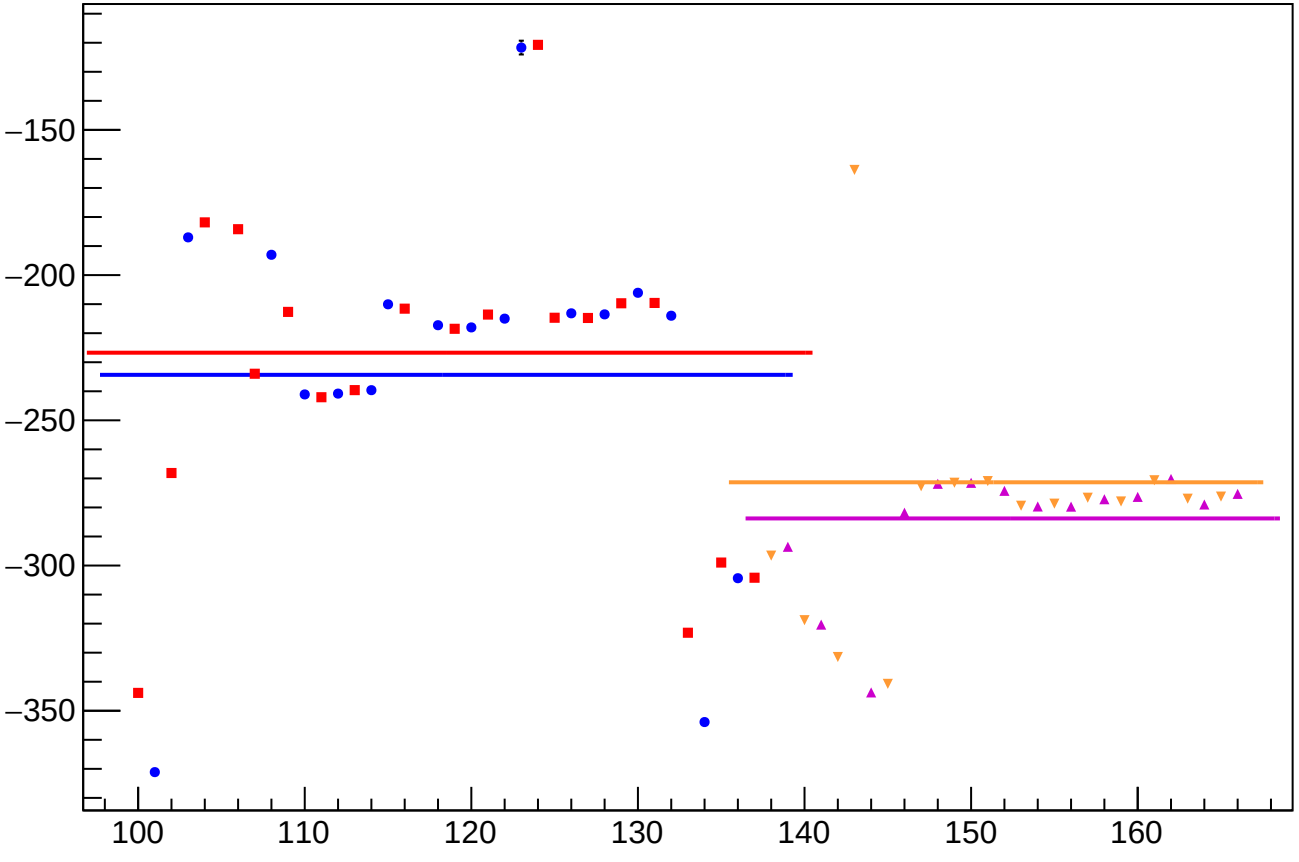
Right: 142.467+/-1.871 χ^2/NDF: 1239.2/35

In: 141.724+/-1.712 χ^2/NDF:1000.6/30

Out: 130.439+/-1.636 χ^2/NDF:1024.3/33

All: 135.825+/-1.183 χ^2/NDF: 2047.7/64

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: -271.337+/-0.104 χ^2/NDF:182982.9/14

Right Out: -226.716+/-0.141 χ^2/NDF: 99440.4/18

Left In: -283.784+/-0.107 χ^2/NDF:31250.7/13

Left: -277.390+/-0.075 χ^2/NDF: 221177.1/28

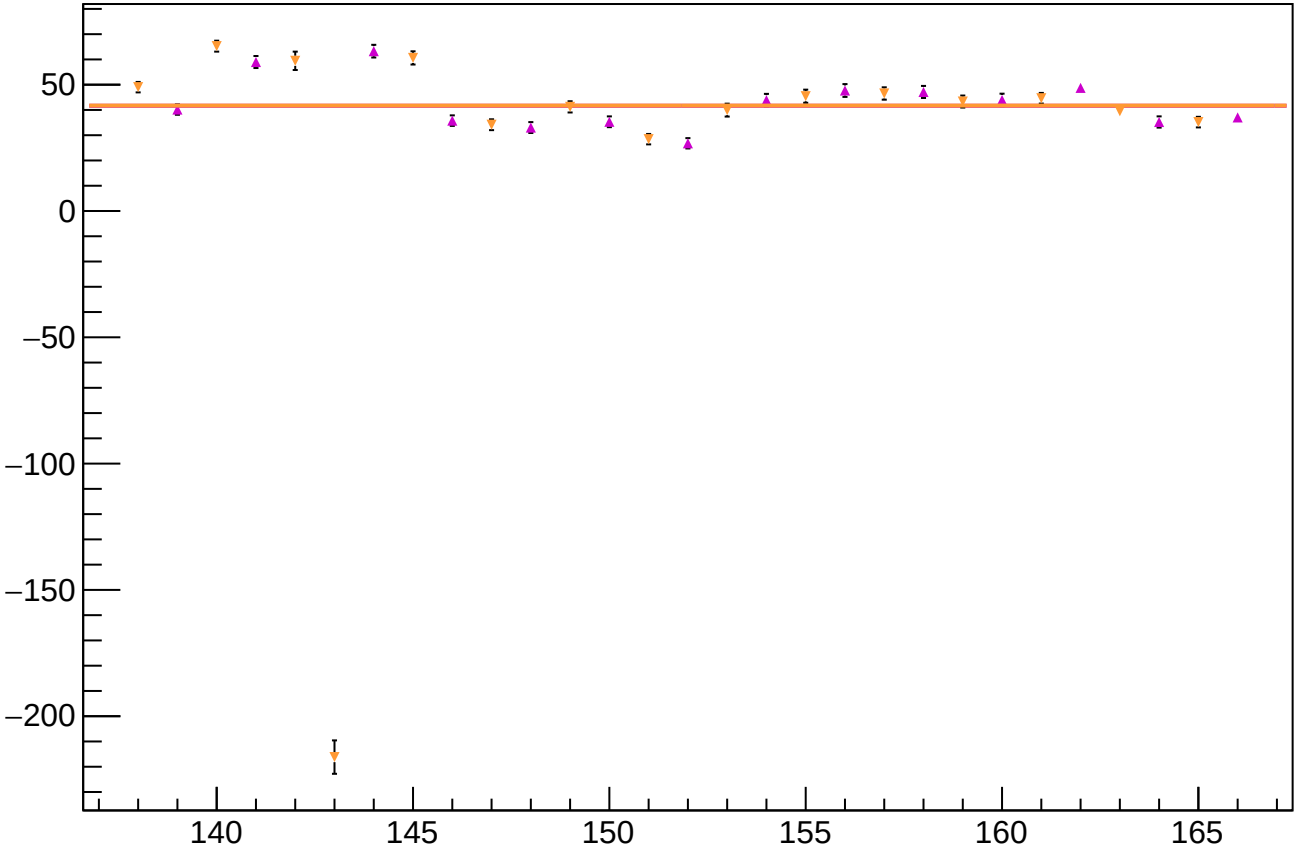
Right: -230.345+/-0.102 χ^2/NDF: 245990.9/35

In: -266.845+/-0.087 χ^2/NDF:249482.9/30

Out: -255.628+/-0.084 χ^2/NDF:347013.8/33

All: -261.042+/-0.060 χ^2/NDF: 605133.8/64

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: 41.731+/-0.610 χ^2/NDF:1800.6/14

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

Left In: 41.643+/-0.590 χ^2/NDF:253.3/13

Left: 41.686+/-0.424 χ^2/NDF: 2053.9/28

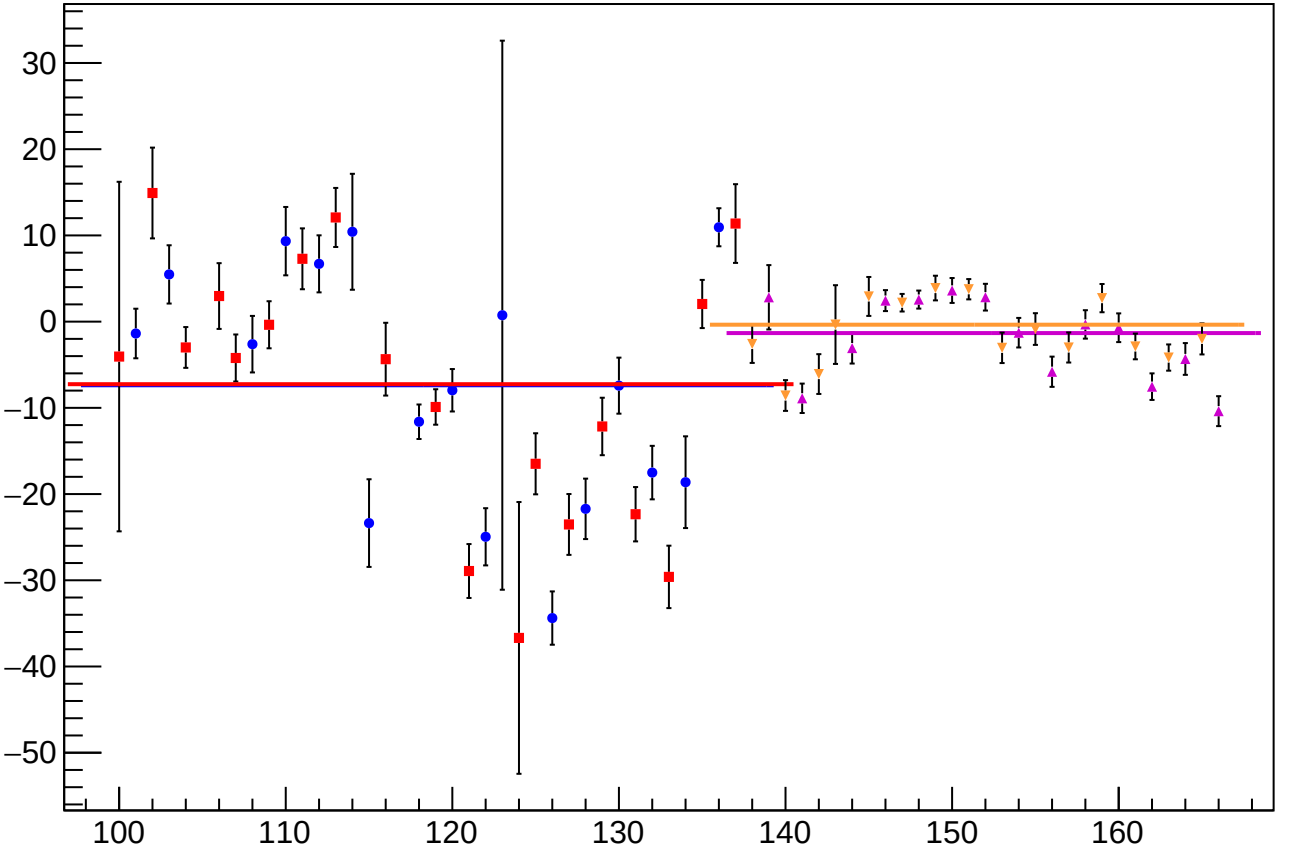
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 41.643+/-0.590 χ^2/NDF:253.3/13

Out: 41.731+/-0.610 χ^2/NDF:1800.6/14

All: 41.686+/-0.424 χ^2/NDF: 2053.9/28

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.381+/-0.779 χ^2/NDF: 283.6/16

Left Out: -0.355+/-0.421 χ^2/NDF:76.0/14

Right Out: -7.256+/-0.762 χ^2/NDF: 257.3/18

Left In: -1.327+/-0.421 χ^2/NDF:117.4/13

Left: -0.842+/-0.298 χ^2/NDF: 196.1/28

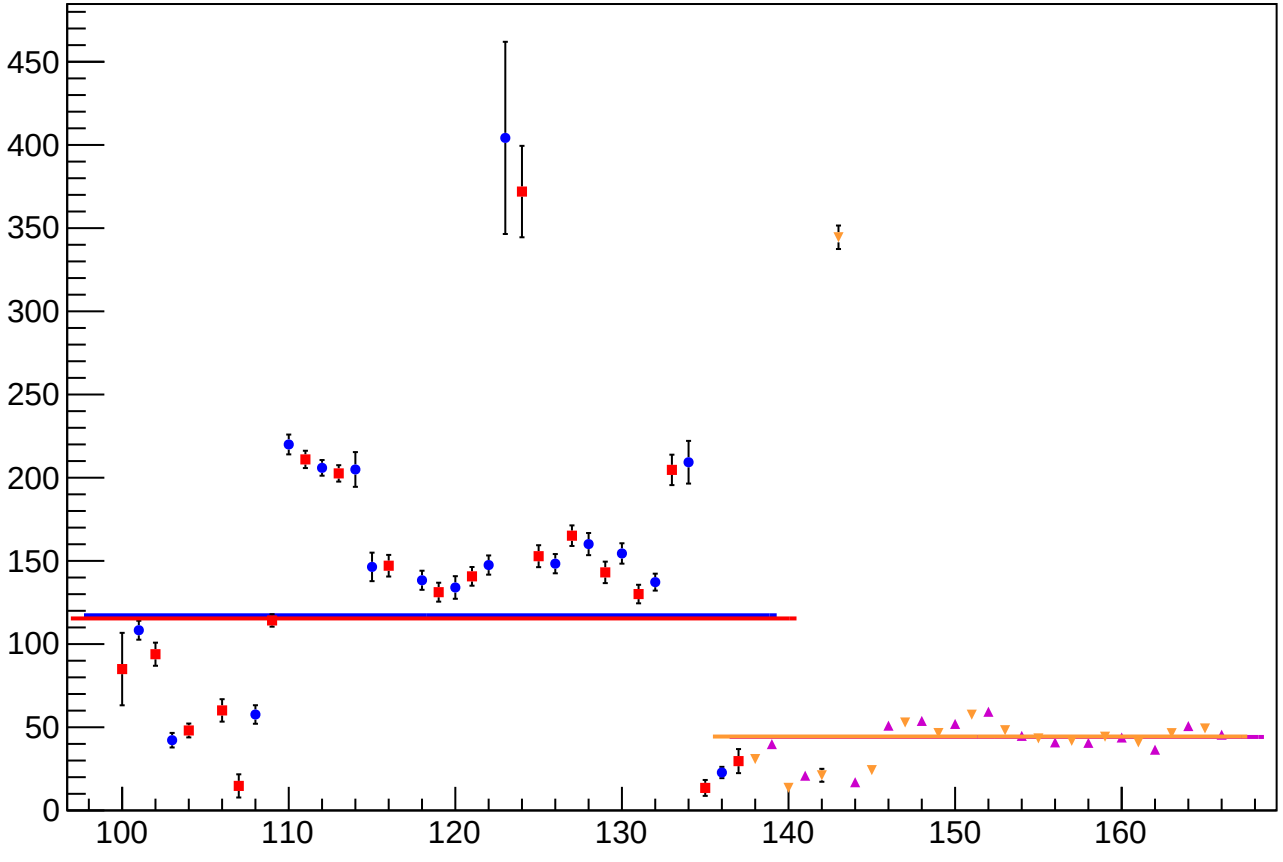
Right: -7.317+/-0.545 χ^2/NDF: 540.9/35

In: -2.694+/-0.370 χ^2/NDF:447.8/30

Out: -1.971+/-0.369 χ^2/NDF:396.1/33

All: -2.331+/-0.261 χ^2/NDF: 845.8/64

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.302+/-1.409 χ^2/NDF: 2161.3/16

Left Out: 44.426+/-0.594 χ^2/NDF:2189.7/14

Right Out: 115.405+/-1.361 χ^2/NDF: 2150.5/18

Left In: 44.175+/-0.575 χ^2/NDF:331.7/13

Left: 44.296+/-0.413 χ^2/NDF: 2521.5/28

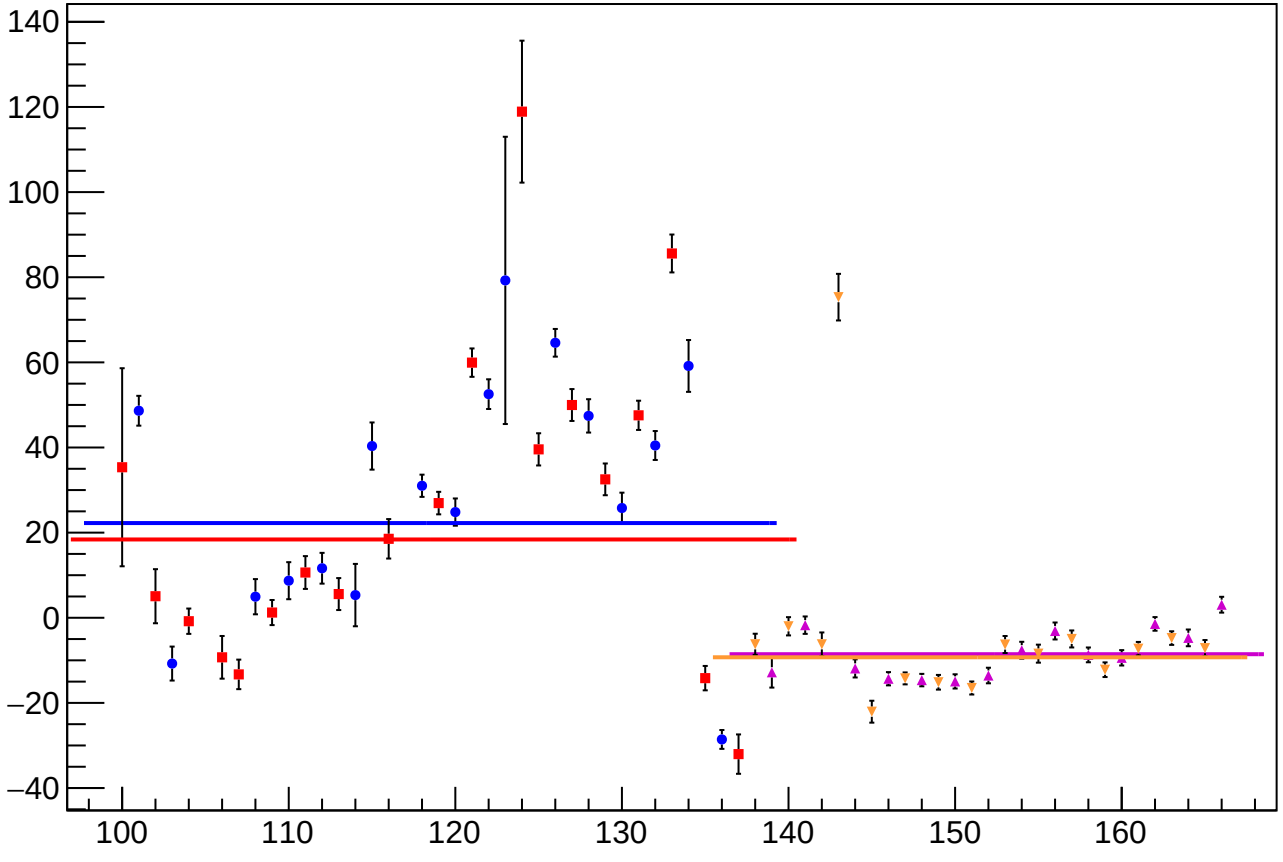
Right: 116.321+/-0.979 χ^2/NDF: 4312.7/35

In: 54.610+/-0.532 χ^2/NDF:4803.6/30

Out: 55.777+/-0.544 χ^2/NDF:6626.4/33

All: 55.181+/-0.380 χ^2/NDF: 11432.4/64

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: -9.284+/-0.495 χ^2/NDF:344.6/14

Right Out: 18.395+/-0.872 χ^2/NDF: 1077.1/18

Left In: -8.559+/-0.491 χ^2/NDF:138.7/13

Left: -8.918+/-0.348 χ^2/NDF: 484.4/28

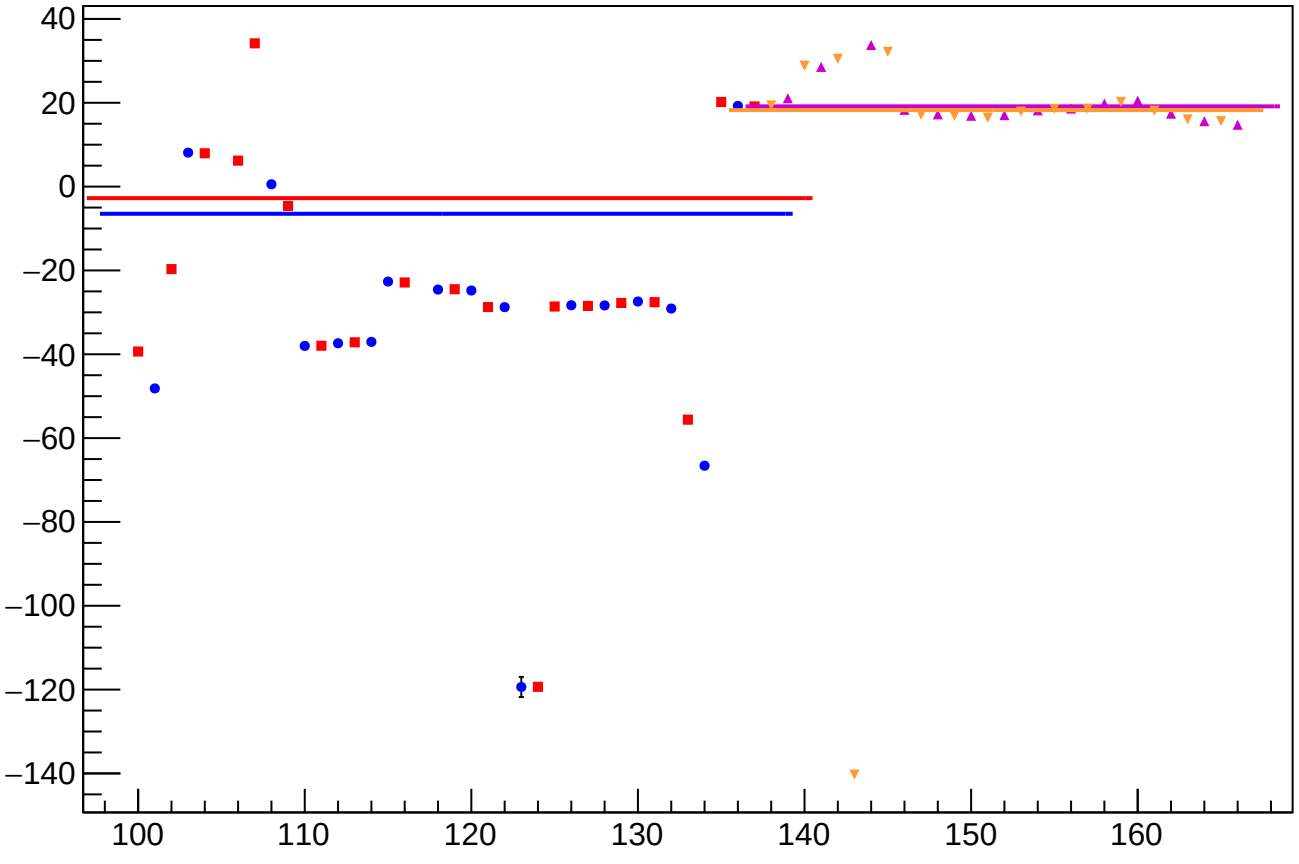
Right: 20.284+/-0.622 χ^2/NDF: 2158.2/35

In: -1.370+/-0.430 χ^2/NDF:2130.6/30

Out: -2.544+/-0.430 χ^2/NDF:2184.3/33

All: -1.956+/-0.304 χ^2/NDF: 4318.6/64

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482+/-0.046 χ^2/NDF: 265804.1/16

Left Out: 18.250+/-0.023 χ^2/NDF:351098.7/14

Right Out: -2.751+/-0.046 χ^2/NDF: 266291.4/18

Left In: 19.147+/-0.023 χ^2/NDF:31765.6/13

Left: 18.710+/-0.016 χ^2/NDF: 383623.4/28

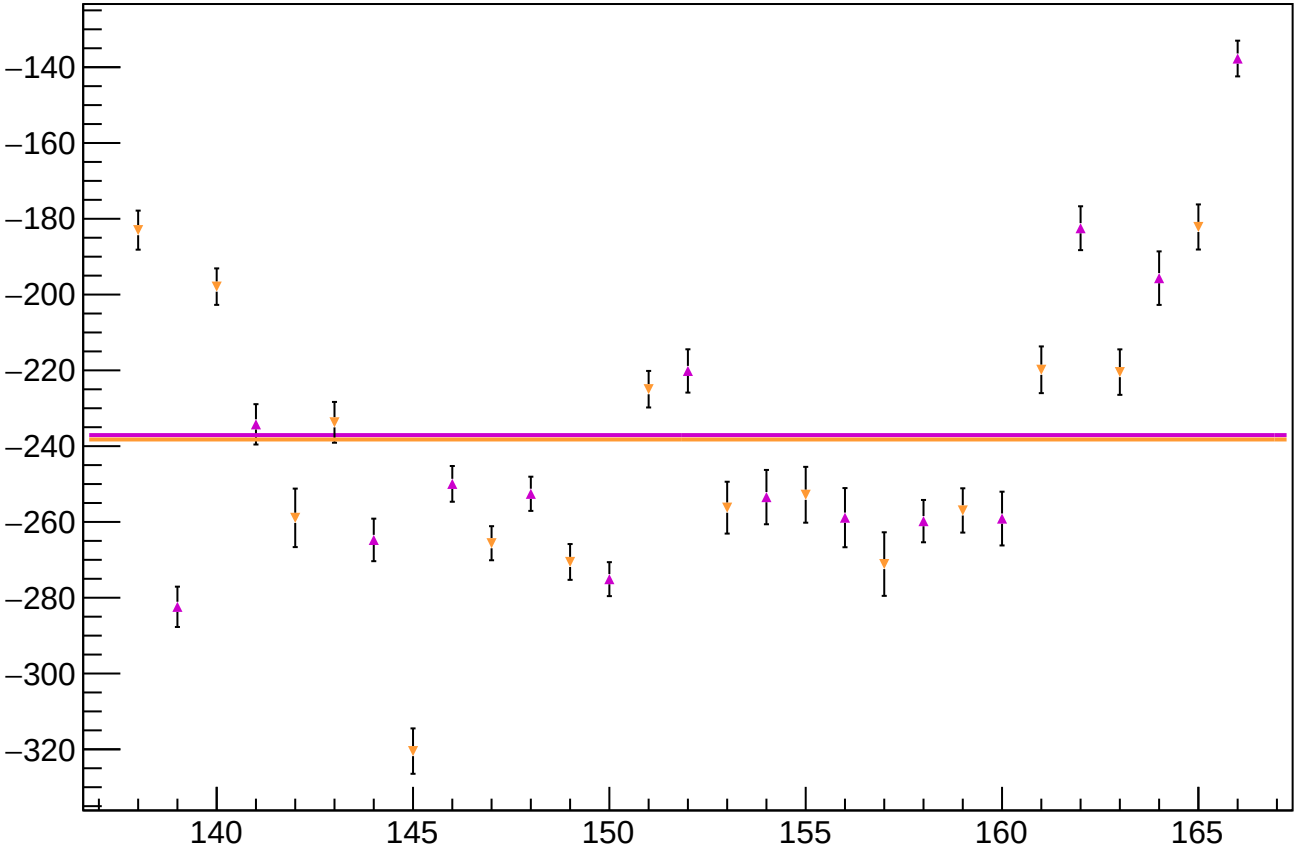
Right: -4.597+/-0.032 χ^2/NDF: 535394.7/35

In: 14.153+/-0.020 χ^2/NDF:545739.4/30

Out: 13.909+/-0.021 χ^2/NDF:785074.3/33

All: 14.033+/-0.015 χ^2/NDF: 1330883.7/64

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: -238.242+/-1.470 χ^2/NDF:615.8/14

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

Left In: -237.083+/-1.475 χ^2/NDF:804.1/13

Left: -237.665+/-1.041 χ^2/NDF: 1420.2/28

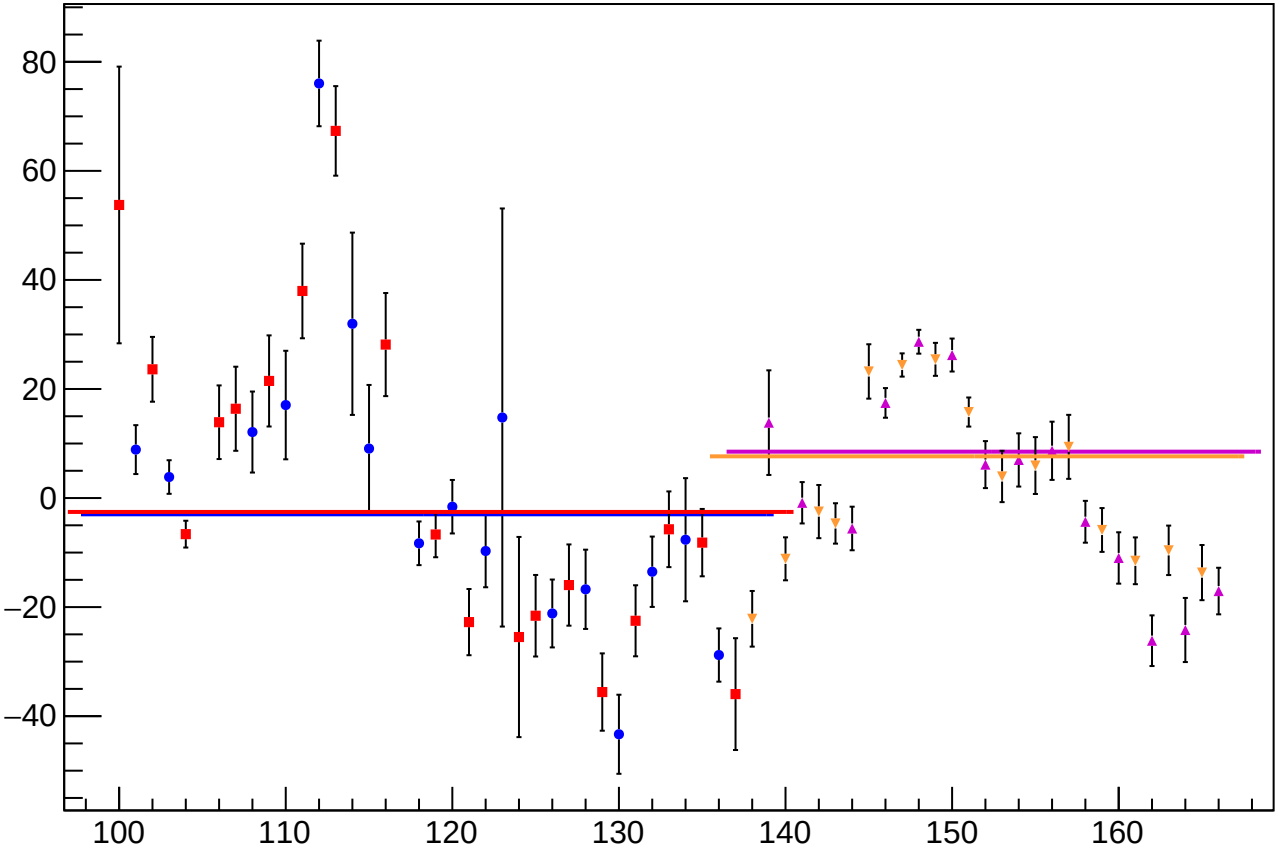
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -237.083+/-1.475 χ^2/NDF:804.1/13

Out: -238.242+/-1.470 χ^2/NDF:615.8/14

All: -237.665+/-1.041 χ^2/NDF: 1420.2/28

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: 7.648+/-0.979 χ^2/NDF:251.9/14

Right Out: -2.548+/-1.399 χ^2/NDF: 218.1/18

Left In: 8.505+/-1.015 χ^2/NDF:300.2/13

Left: 8.061+/-0.705 χ^2/NDF: 552.5/28

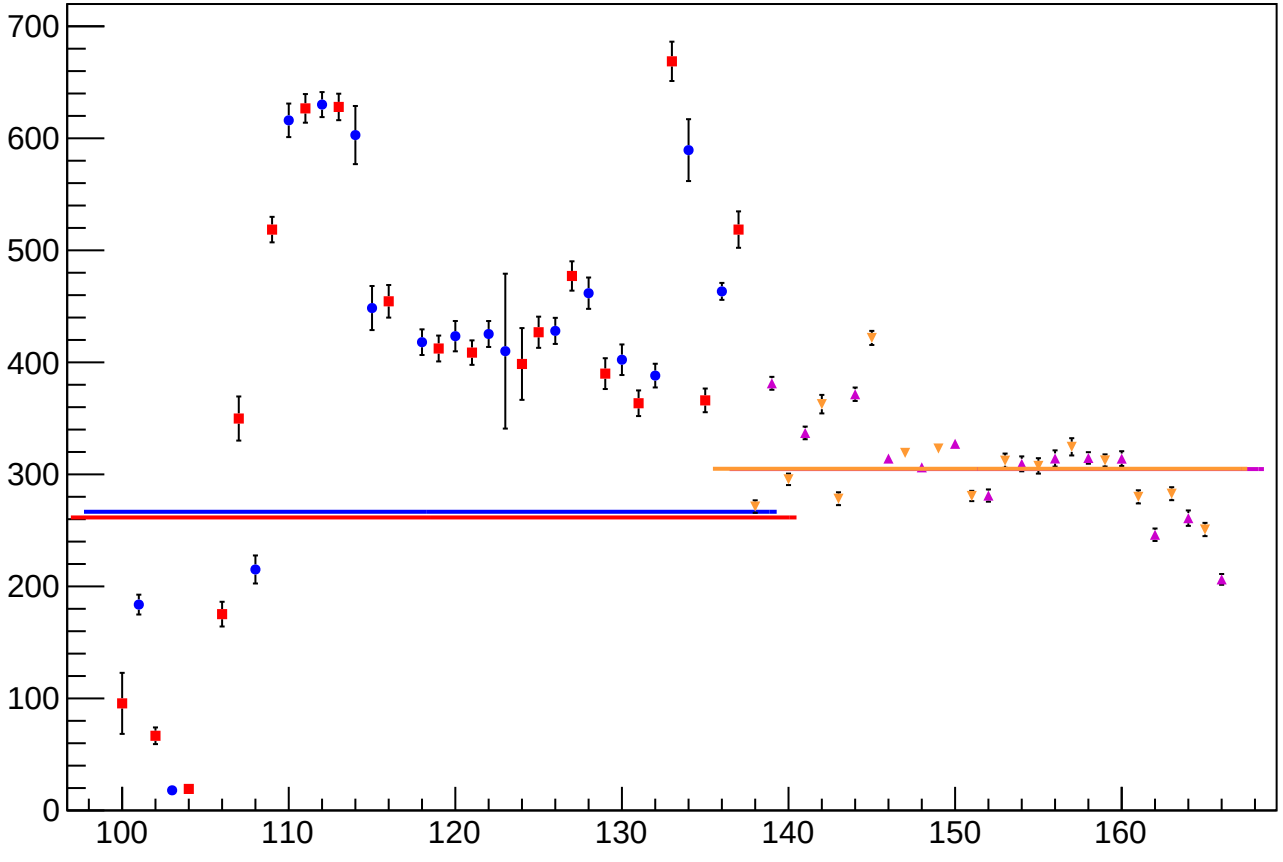
Right: -2.757+/-1.007 χ^2/NDF: 422.1/35

In: 4.730+/-0.832 χ^2/NDF:546.2/30

Out: 4.295+/-0.802 χ^2/NDF:505.7/33

All: 4.505+/-0.577 χ^2/NDF: 1052.0/64

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: 305.017+/-1.444 χ^2/NDF:637.6/14

Right Out: 261.551+/-2.458 χ^2/NDF: 8208.2/18

Left In: 304.739+/-1.438 χ^2/NDF:965.1/13

Left: 304.877+/-1.019 χ^2/NDF: 1602.8/28

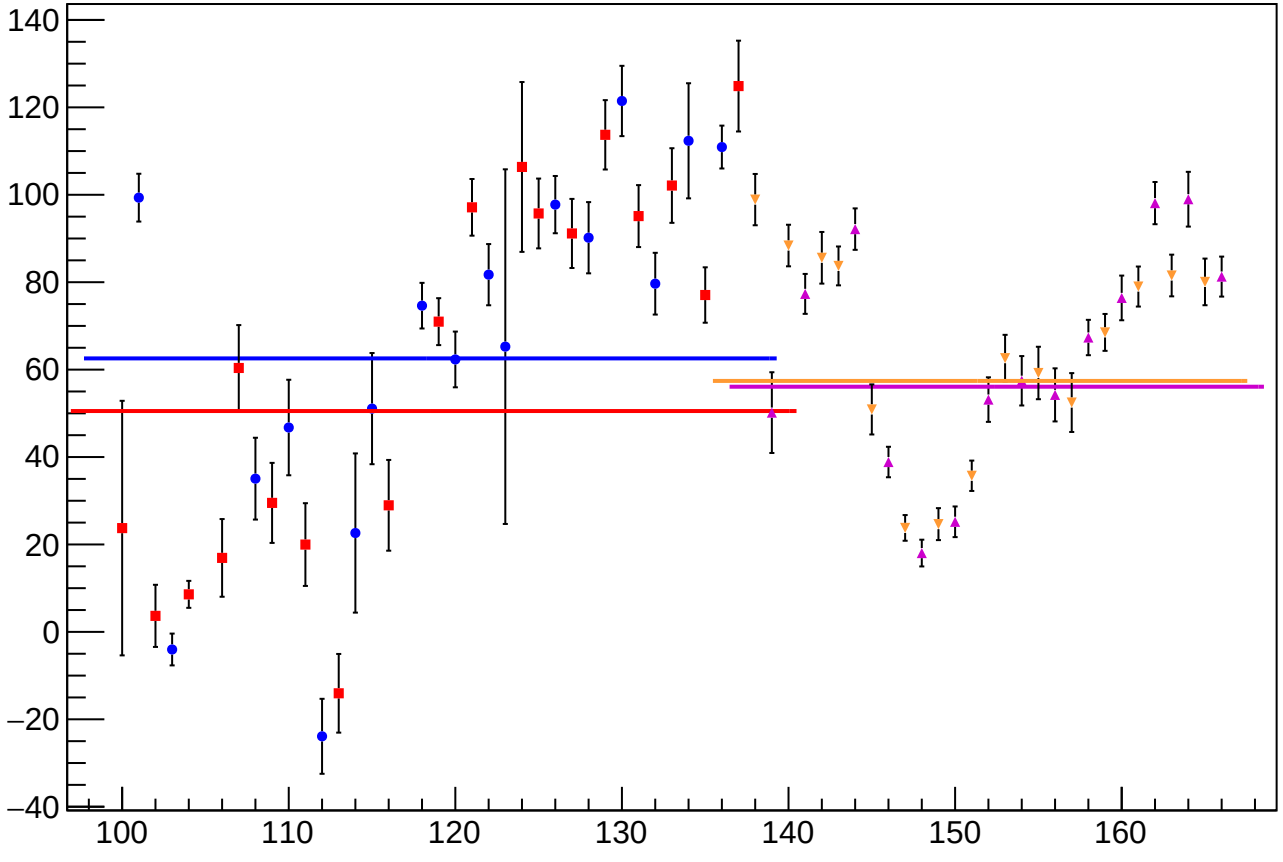
Right: 264.068+/-1.745 χ^2/NDF: 15873.0/35

In: 295.132+/-1.244 χ^2/NDF:8804.9/30

Out: 293.867+/-1.245 χ^2/NDF:9078.3/33

All: 294.500+/-0.880 χ^2/NDF: 17883.7/64

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: 57.415+/-1.175 χ^2/NDF:476.1/14

Right Out: 50.526+/-1.643 χ^2/NDF: 657.0/18

Left In: 56.091+/-1.207 χ^2/NDF:513.6/13

Left: 56.770+/-0.842 χ^2/NDF: 990.3/28

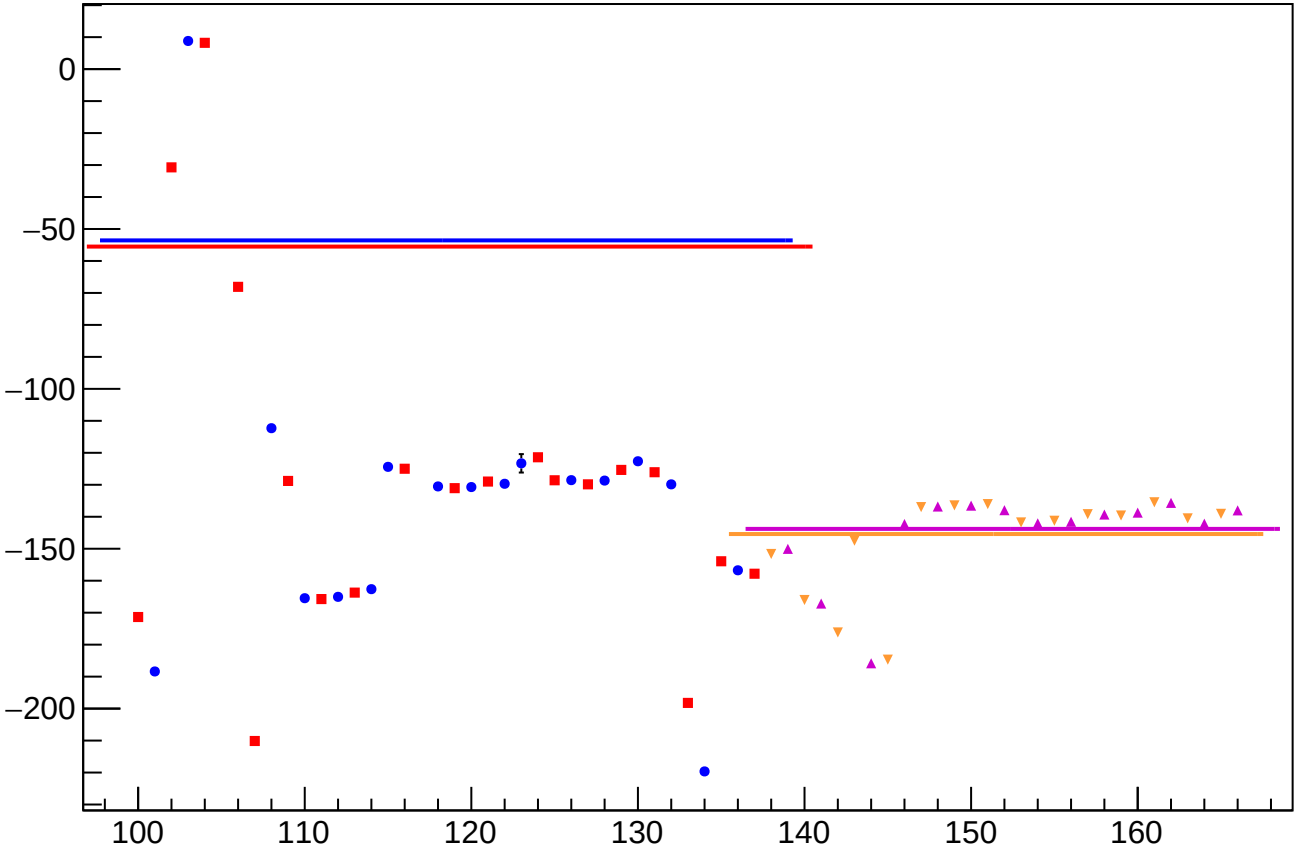
Right: 56.420+/-1.174 χ^2/NDF: 1405.7/35

In: 58.297+/-0.980 χ^2/NDF:1245.8/30

Out: 55.085+/-0.956 χ^2/NDF:1144.7/33

All: 56.651+/-0.684 χ^2/NDF: 2396.0/64

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: -145.406+/-0.058 χ^2/NDF:54345.6/14

Right Out: -55.502+/-0.072 χ^2/NDF: 969632.0/18

Left In: -143.795+/-0.058 χ^2/NDF:44145.2/13

Left: -144.596+/-0.041 χ^2/NDF: 98878.2/28

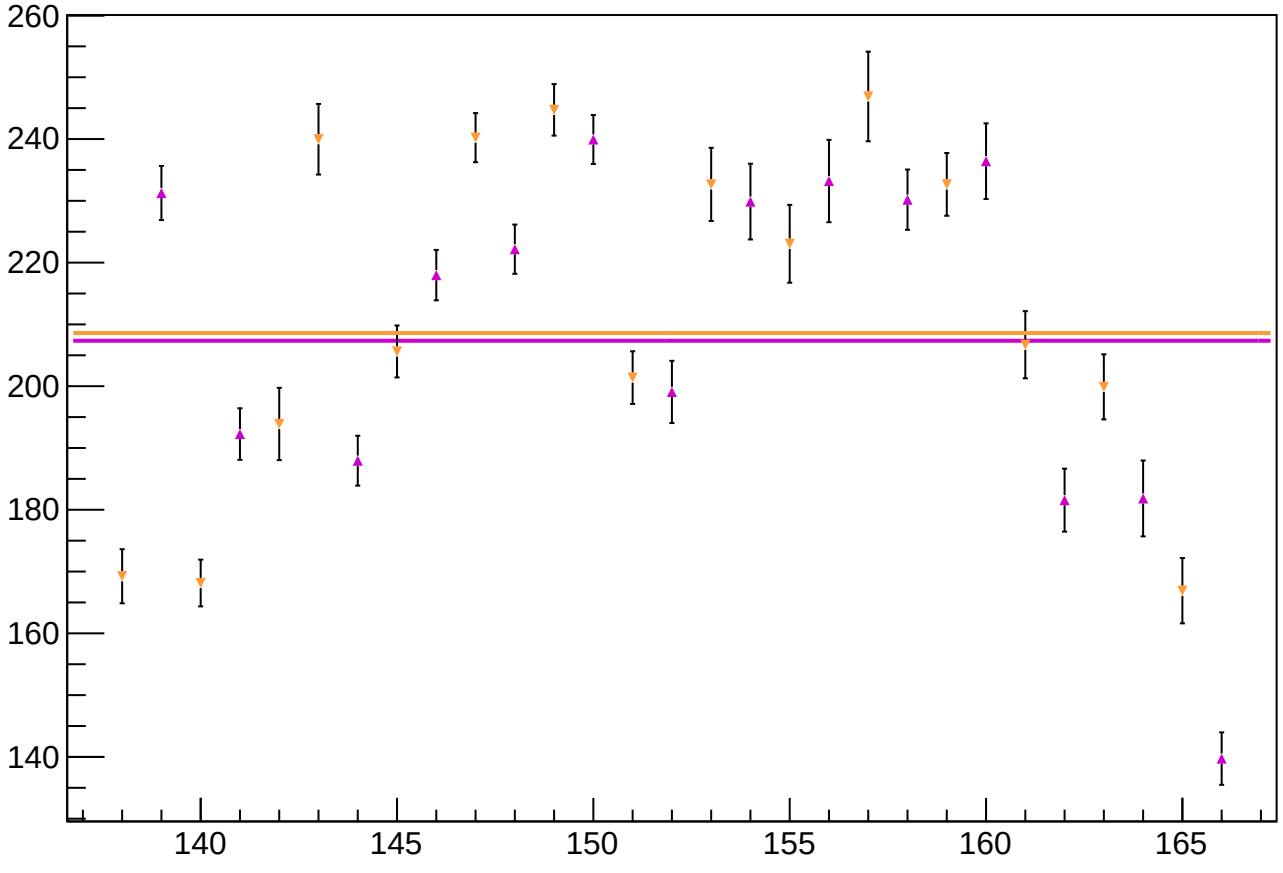
Right: -54.512+/-0.050 χ^2/NDF: 2200235.7/35

In: -107.441+/-0.045 χ^2/NDF:2258693.8/30

Out: -109.964+/-0.045 χ^2/NDF:1970948.0/33

All: -108.688+/-0.032 χ^2/NDF: 4231222.8/64

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: 208.604+/-1.258 χ^2/NDF:510.7/14

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

Left In: 207.355+/-1.254 χ^2/NDF:527.1/13

Left: 207.978+/-0.888 χ^2/NDF: 1038.3/28

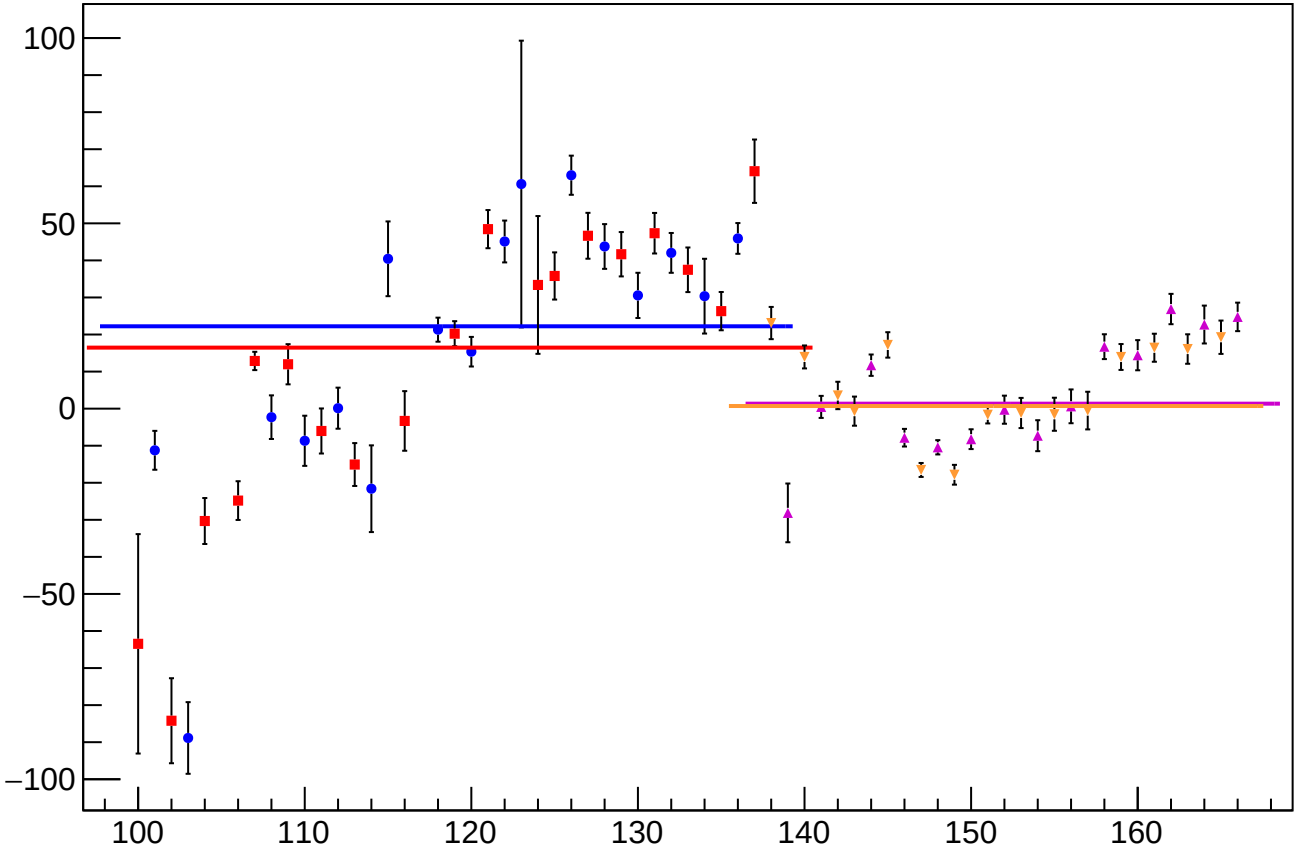
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 207.355+/-1.254 χ^2/NDF:527.1/13

Out: 208.604+/-1.258 χ^2/NDF:510.7/14

All: 207.978+/-0.888 χ^2/NDF: 1038.3/28

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: 0.708+/-0.846 χ^2/NDF:265.8/14

Right Out: 16.466+/-1.230 χ^2/NDF: 425.9/18

Left In: 1.342+/-0.869 χ^2/NDF:221.2/13

Left: 1.017+/-0.606 χ^2/NDF: 487.3/28

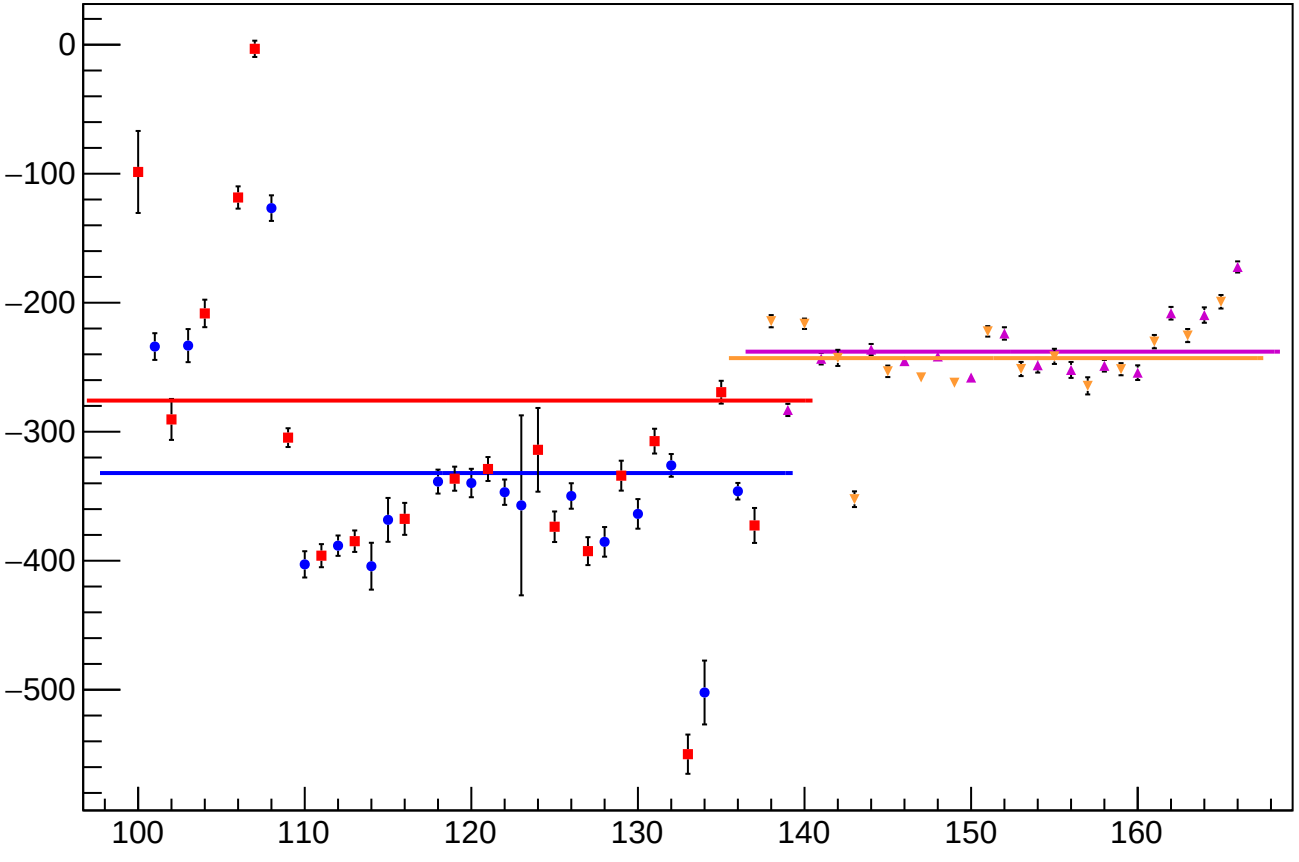
Right: 19.025+/-0.916 χ^2/NDF: 821.2/35

In: 7.308+/-0.734 χ^2/NDF:771.8/30

Out: 5.775+/-0.697 χ^2/NDF:803.1/33

All: 6.502+/-0.506 χ^2/NDF: 1577.2/64

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: -242.946+/-1.241 χ^2/NDF:576.8/14

Right Out: -275.853+/-2.324 χ^2/NDF: 3362.8/18

Left In: -237.936+/-1.228 χ^2/NDF:448.1/13

Left: -240.416+/-0.873 χ^2/NDF: 1033.1/28

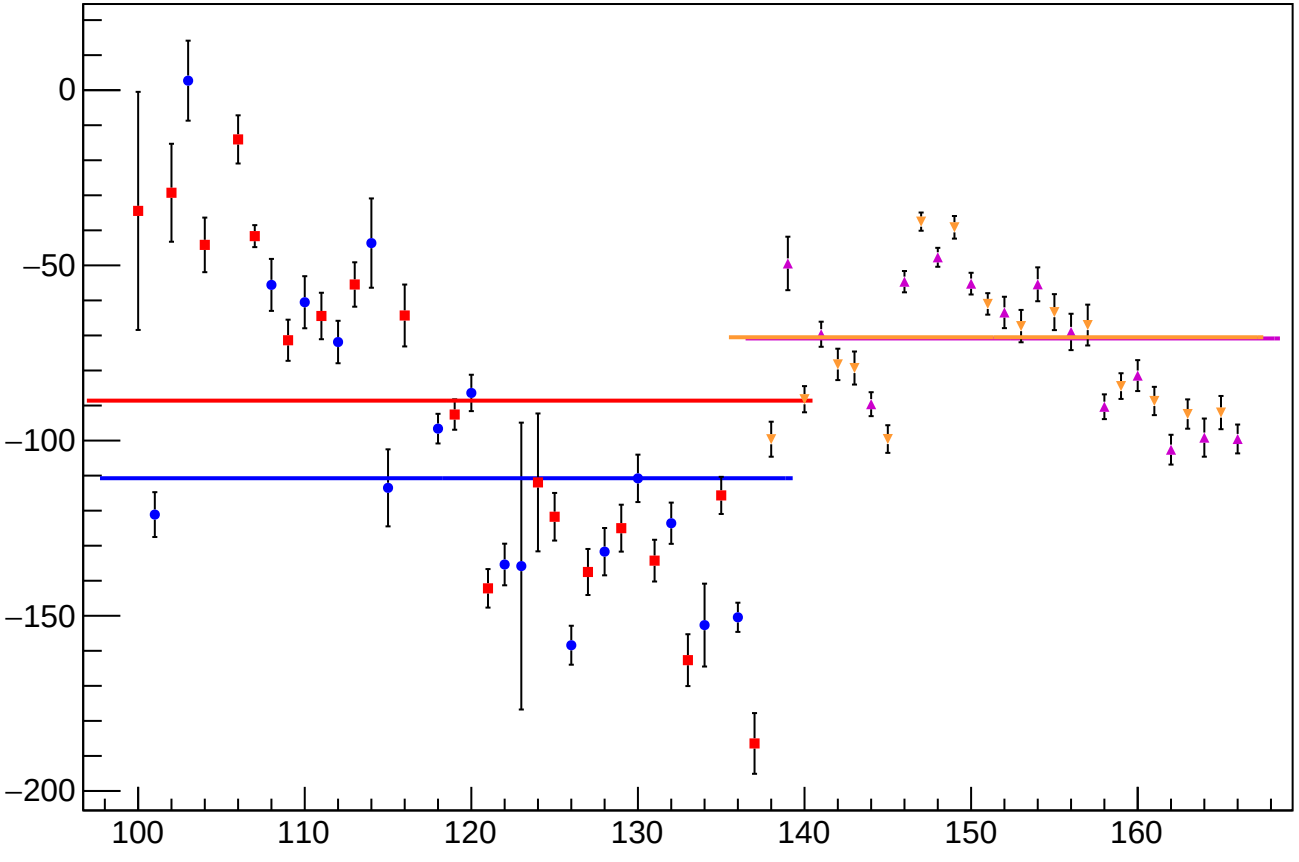
Right: -301.220+/-1.721 χ^2/NDF: 4411.6/35

In: -255.523+/-1.108 χ^2/NDF:2330.0/30

Out: -250.241+/-1.094 χ^2/NDF:4095.6/33

All: -252.851+/-0.778 χ^2/NDF: 6437.1/64

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: -70.513+/-1.014 χ^2/NDF:467.9/14

Right Out: -88.600+/-1.435 χ^2/NDF: 969.7/18

Left In: -70.854+/-1.032 χ^2/NDF:346.0/13

Left: -70.681+/-0.723 χ^2/NDF: 814.0/28

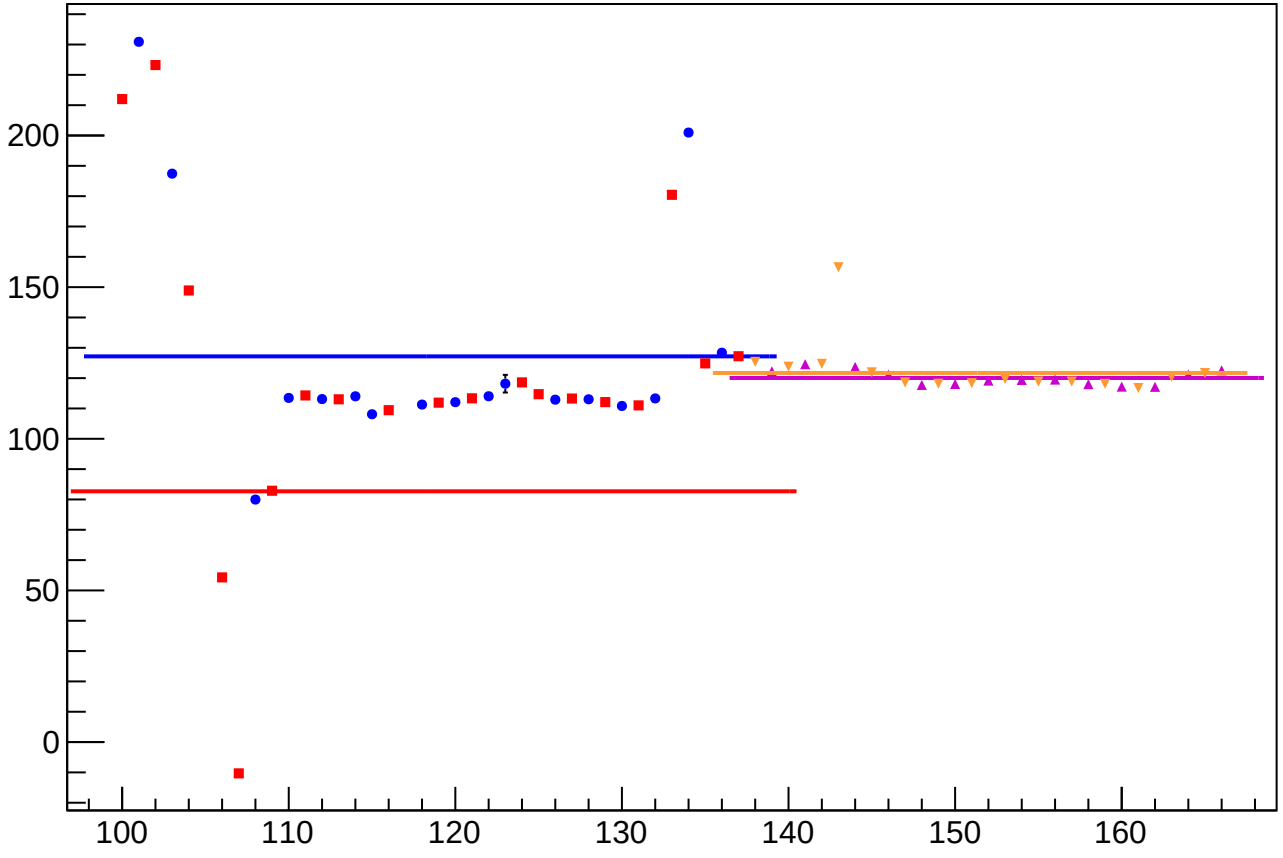
Right: -98.623+/-1.061 χ^2/NDF: 1591.0/35

In: -82.805+/-0.863 χ^2/NDF:1307.2/30

Out: -76.539+/-0.828 χ^2/NDF:1543.6/33

All: -79.541+/-0.598 χ^2/NDF: 2878.3/64

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: 121.713+/-0.050 χ^2/NDF:23673.1/14

Right Out: 82.684+/-0.075 χ^2/NDF: 765716.0/18

Left In: 120.053+/-0.049 χ^2/NDF:2382.9/13

Left: 120.875+/-0.035 χ^2/NDF: 26617.7/28

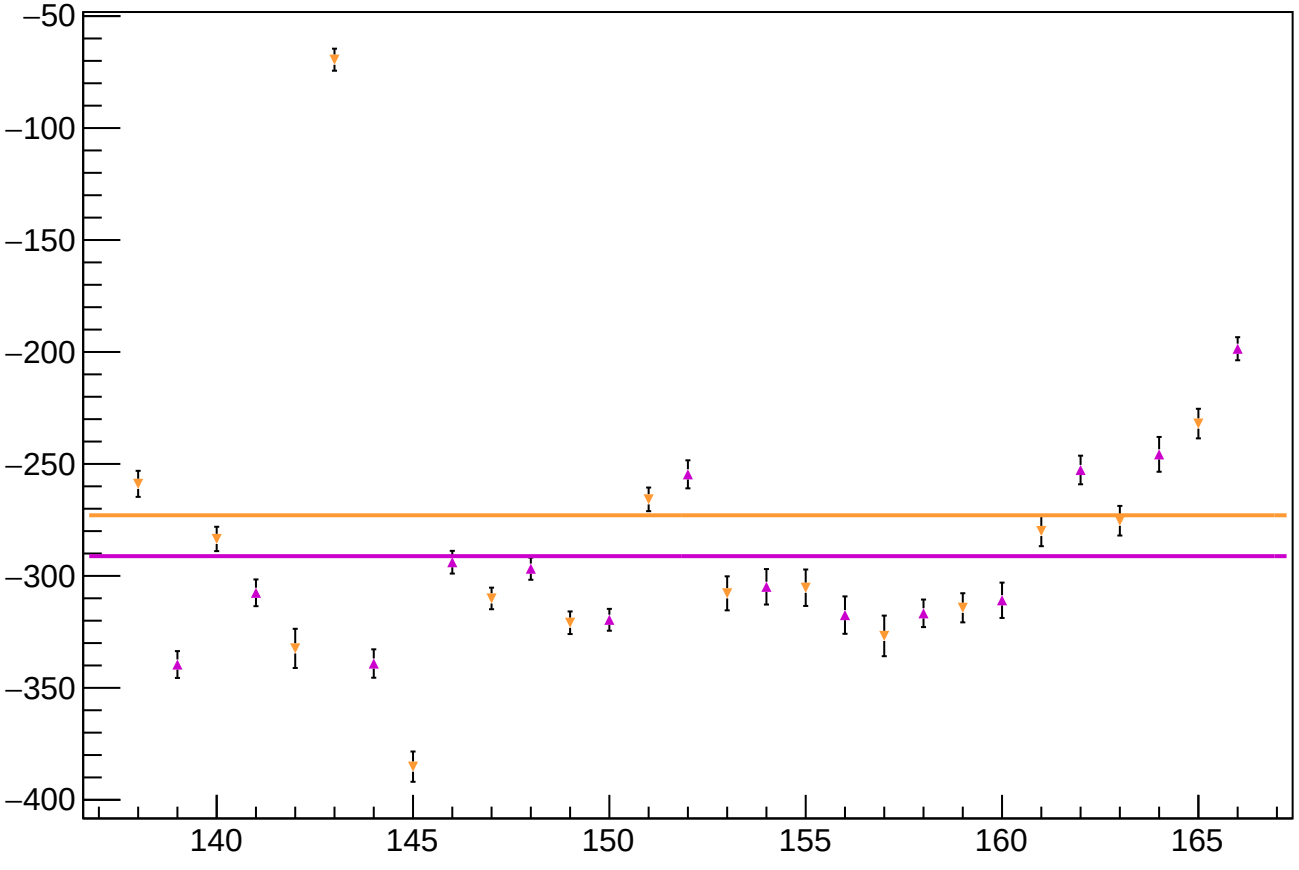
Right: 101.242+/-0.057 χ^2/NDF: 1099401.9/35

In: 121.725+/-0.043 χ^2/NDF:195338.5/30

Out: 109.838+/-0.042 χ^2/NDF:976299.5/33

All: 115.559+/-0.030 χ^2/NDF: 1211056.1/64

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -272.933+/-1.594 χ^2/NDF:2342.5/14

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

Left In: -291.180+/-1.623 χ^2/NDF:629.4/13

Left: -281.891+/-1.137 χ^2/NDF: 3036.2/28

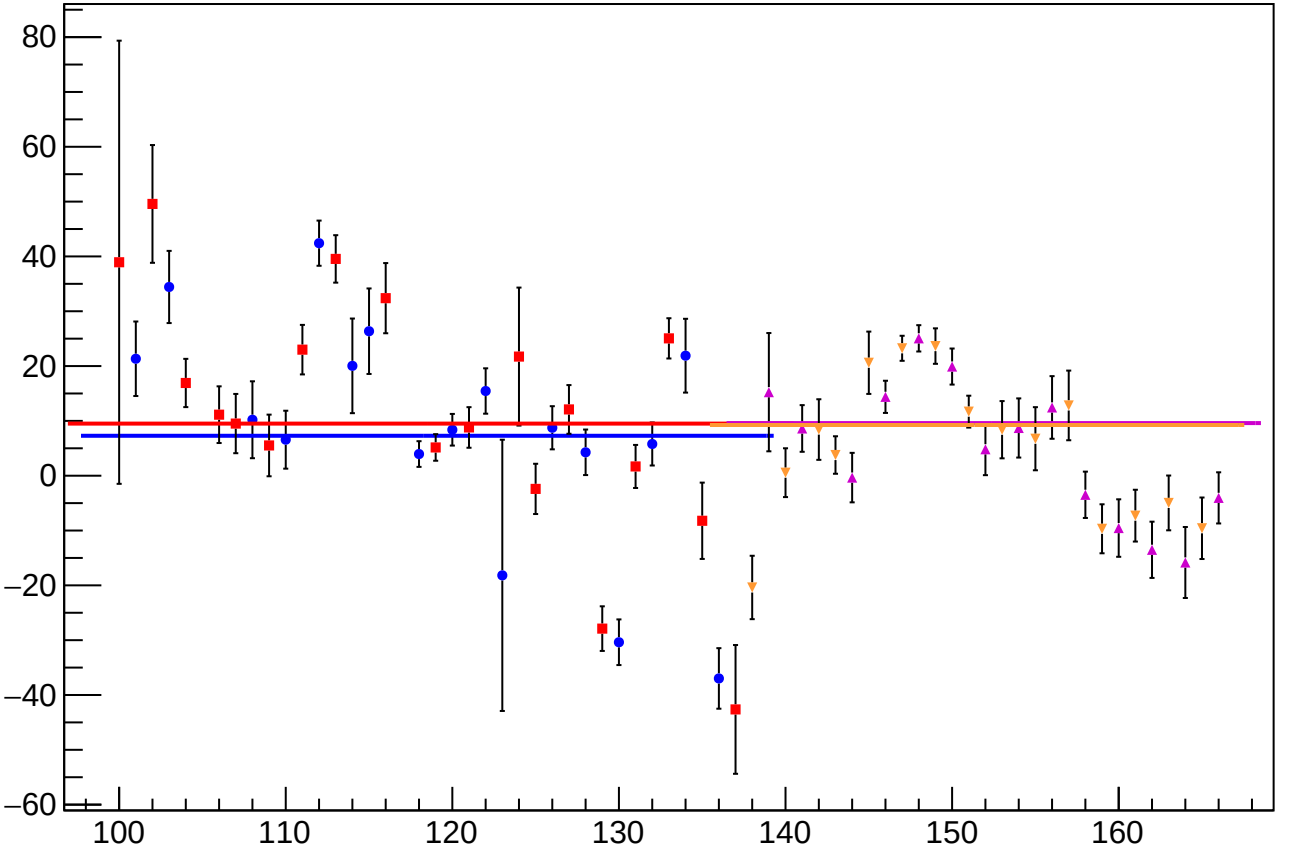
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -291.180+/-1.623 χ^2/NDF:629.4/13

Out: -272.933+/-1.594 χ^2/NDF:2342.5/14

All: -281.891+/-1.137 χ^2/NDF: 3036.2/28

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: 9.252+/-1.058 χ^2/NDF:144.8/14

Right Out: 9.505+/-1.074 χ^2/NDF: 231.5/18

Left In: 9.599+/-1.115 χ^2/NDF:127.6/13

Left: 9.416+/-0.767 χ^2/NDF: 272.5/28

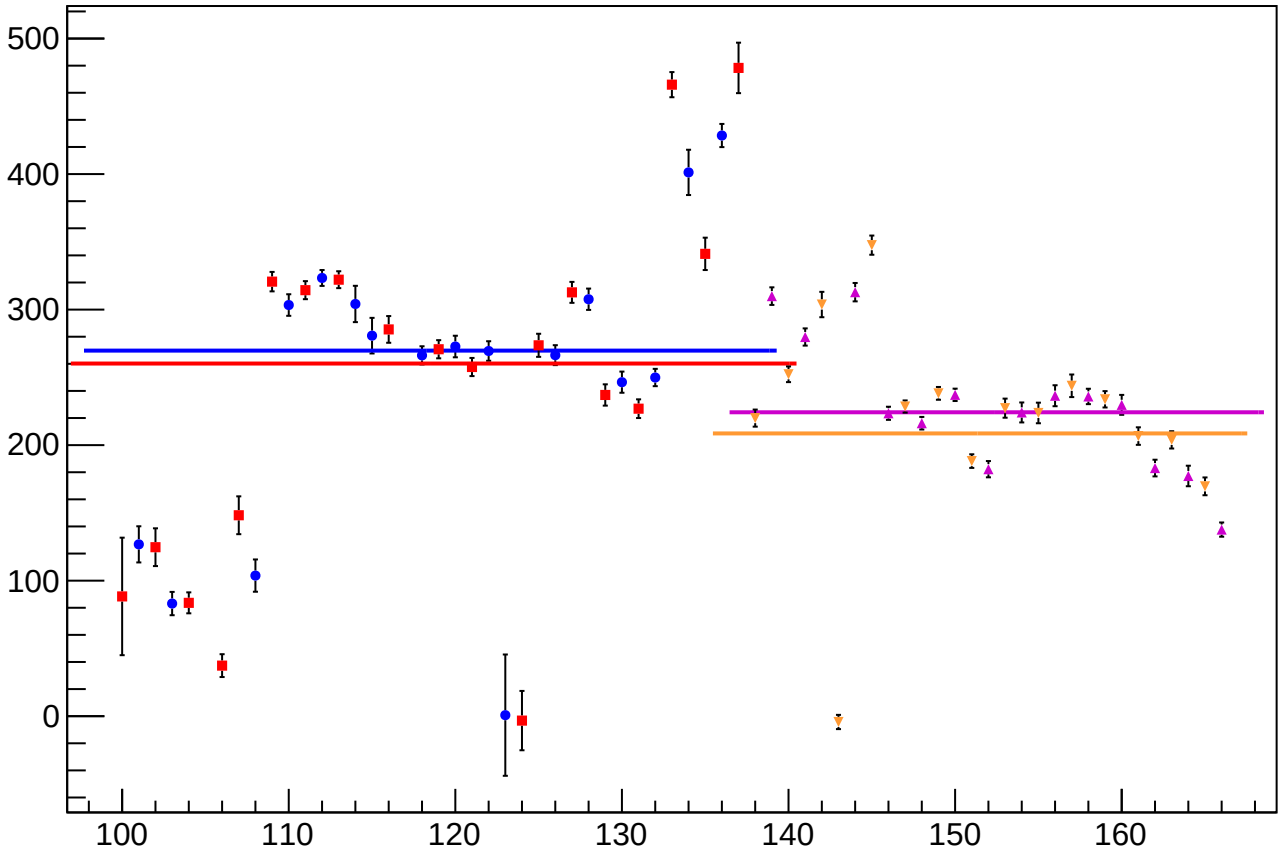
Right: 8.404+/-0.763 χ^2/NDF: 494.7/35

In: 8.409+/-0.777 χ^2/NDF:390.9/30

Out: 9.377+/-0.754 χ^2/NDF:376.4/33

All: 8.907+/-0.541 χ^2/NDF: 768.0/64

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: 208.635+/-1.567 χ^2/NDF:2346.5/14

Right Out: 260.206+/-1.978 χ^2/NDF: 2541.6/18

Left In: 224.242+/-1.581 χ^2/NDF:843.9/13

Left: 216.368+/-1.113 χ^2/NDF: 3239.6/28

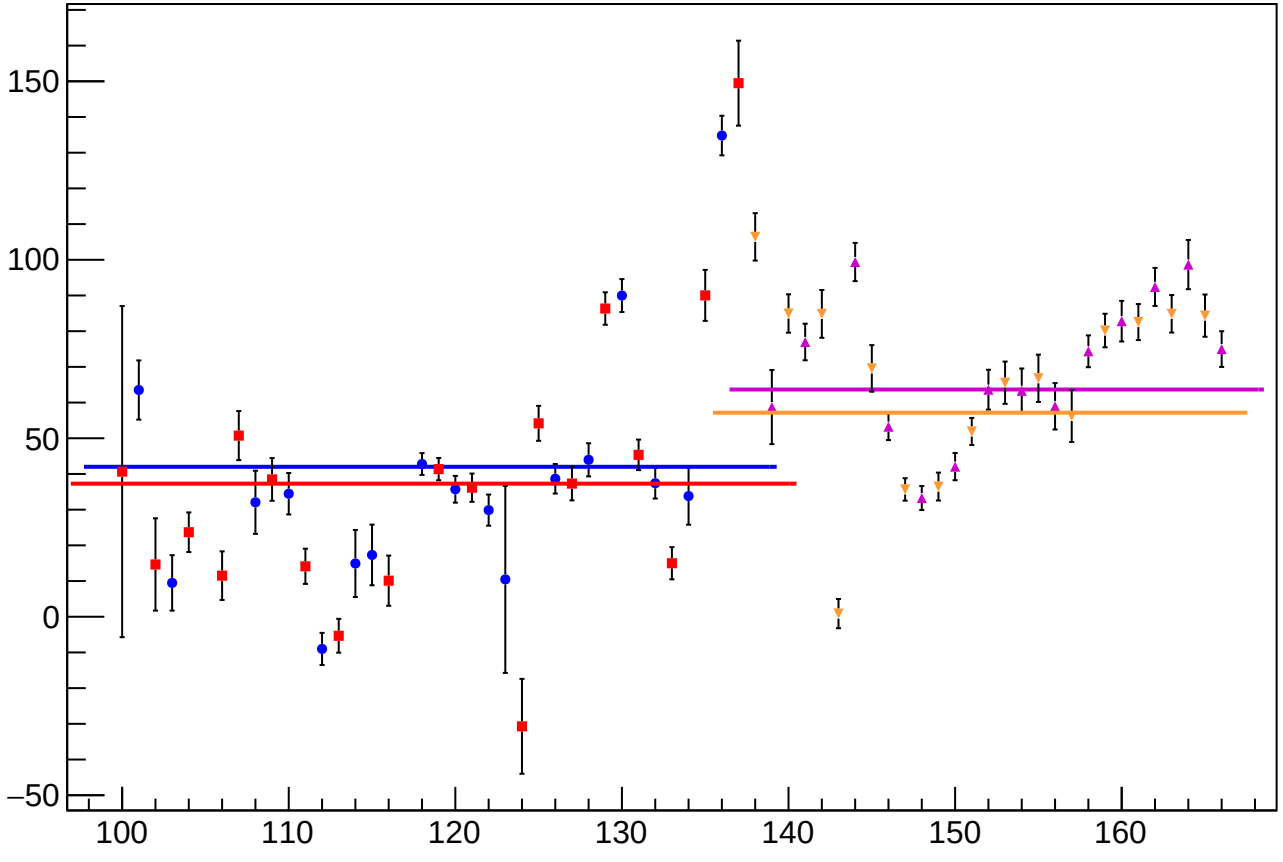
Right: 264.757+/-1.430 χ^2/NDF: 3926.7/35

In: 240.993+/-1.257 χ^2/NDF:2523.0/30

Out: 228.519+/-1.228 χ^2/NDF:5305.9/33

All: 234.612+/-0.878 χ^2/NDF: 7879.2/64

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: 57.164+/-1.272 χ^2/NDF:470.8/14

Right Out: 37.284+/-1.237 χ^2/NDF: 472.6/18

Left In: 63.658+/-1.326 χ^2/NDF:250.6/13

Left: 60.276+/-0.918 χ^2/NDF: 733.9/28

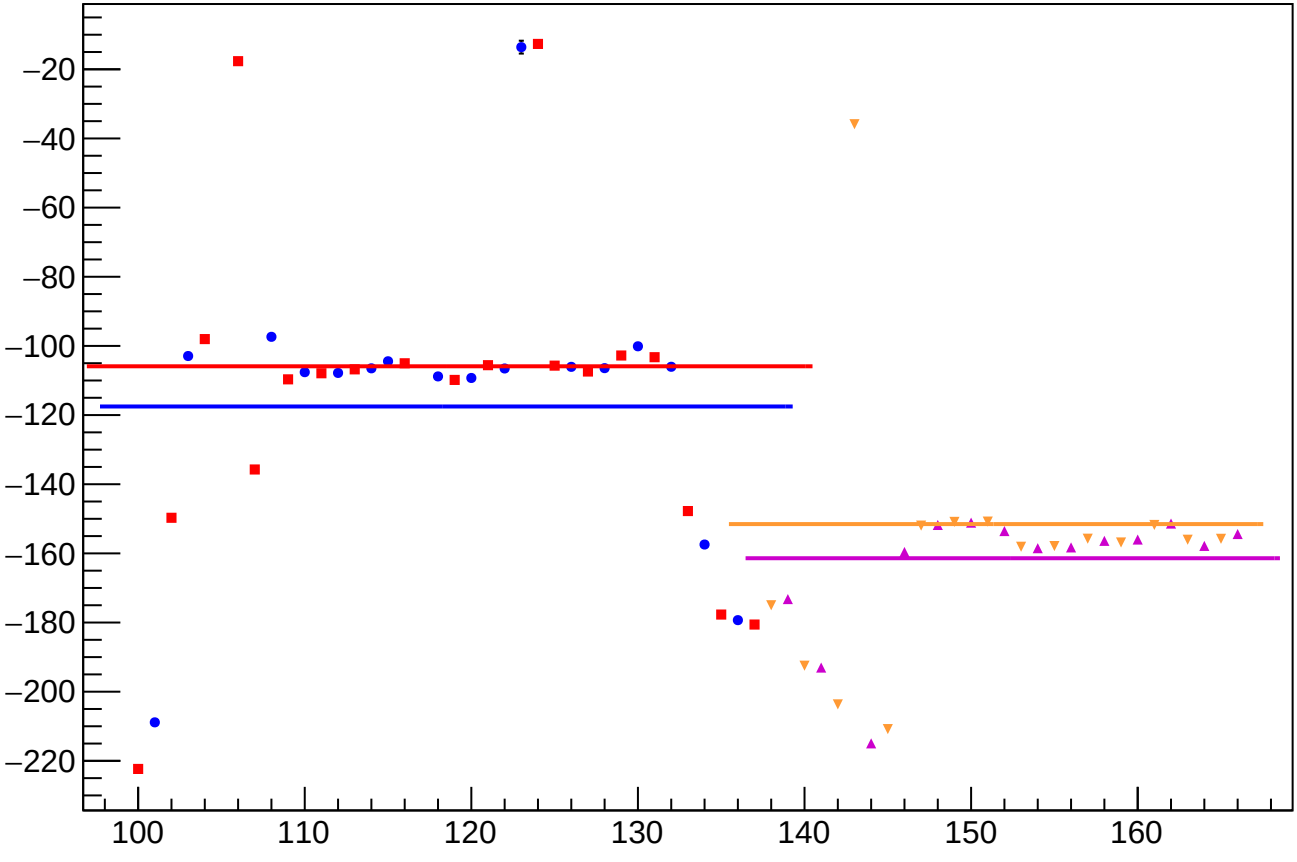
Right: 39.611+/-0.881 χ^2/NDF: 1055.4/35

In: 52.243+/-0.912 χ^2/NDF:966.8/30

Out: 46.950+/-0.887 χ^2/NDF:1068.9/33

All: 49.524+/-0.636 χ^2/NDF: 2053.1/64

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: -151.527+/-0.063 χ^2/NDF:403881.6/14

Right Out: -105.892+/-0.073 χ^2/NDF: 324304.4/18

Left In: -161.403+/-0.064 χ^2/NDF:60594.9/13

Left: -156.425+/-0.045 χ^2/NDF: 476665.4/28

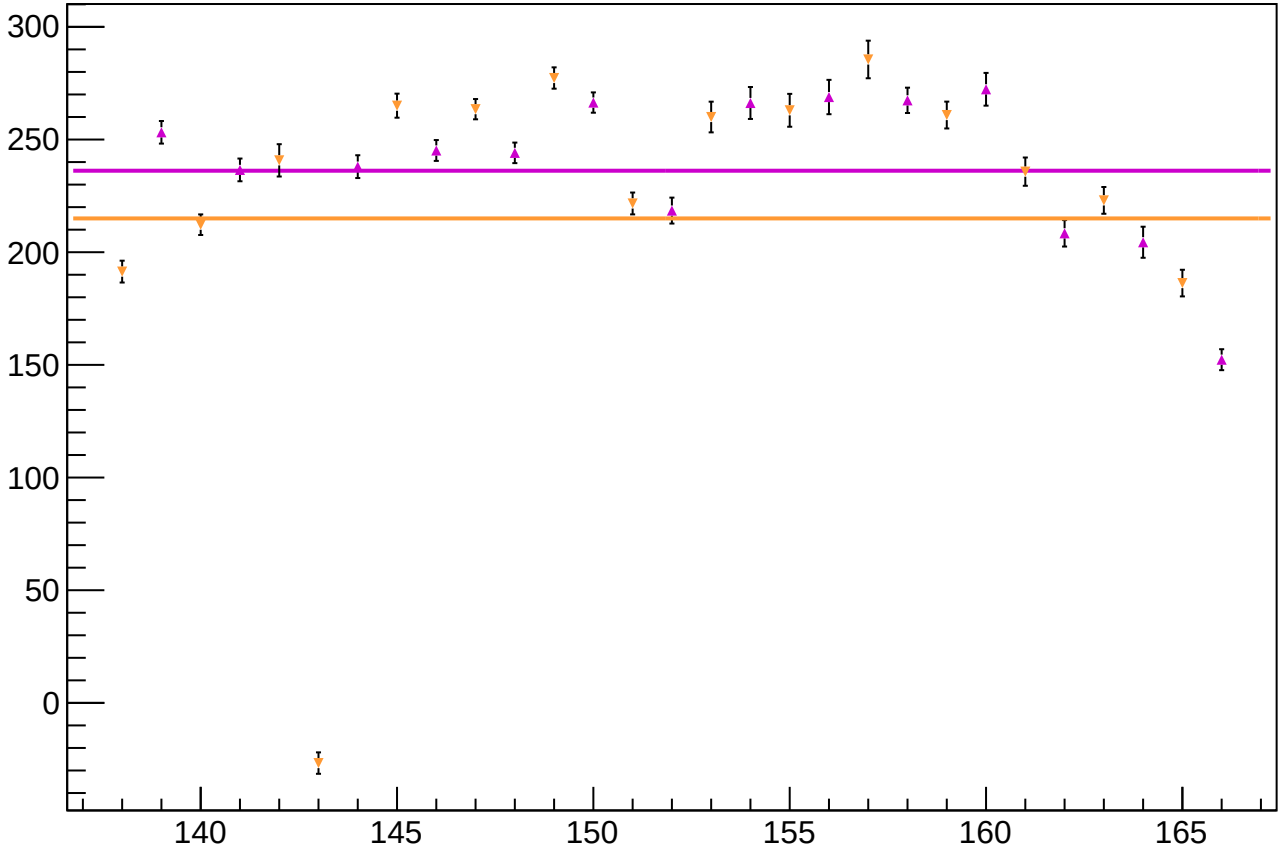
Right: -111.303+/-0.053 χ^2/NDF: 478188.8/35

In: -143.907+/-0.049 χ^2/NDF:392975.1/30

Out: -131.984+/-0.048 χ^2/NDF:952853.5/33

All: -137.747+/-0.034 χ^2/NDF: 1376104.5/64

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: 214.992+/-1.427 χ^2/NDF:3254.9/14

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

Left In: 236.162+/-1.448 χ^2/NDF:534.0/13

Left: 225.418+/-1.017 χ^2/NDF: 3897.3/28

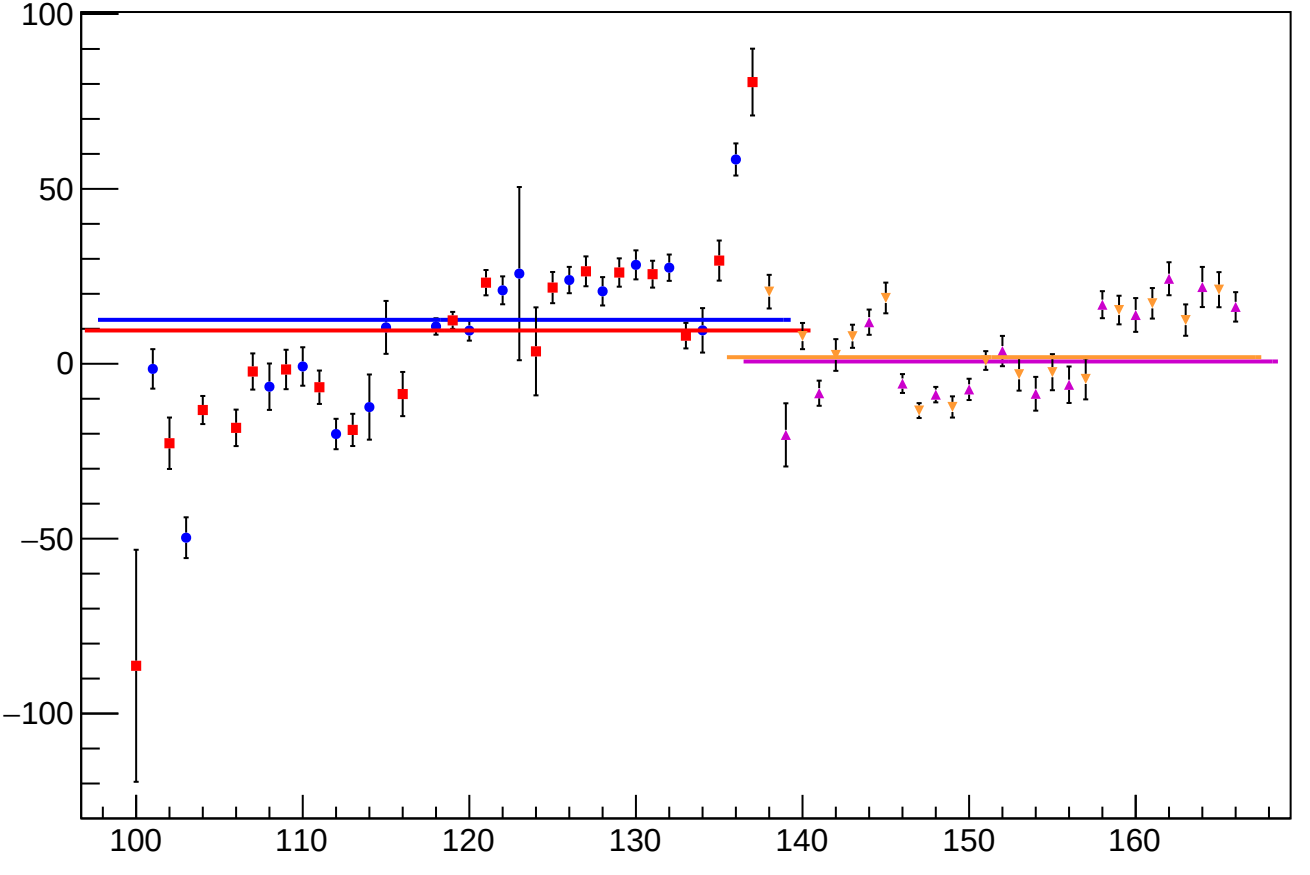
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 236.162+/-1.448 χ^2/NDF:534.0/13

Out: 214.992+/-1.427 χ^2/NDF:3254.9/14

All: 225.418+/-1.017 χ^2/NDF: 3897.3/28

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561+/-1.056 χ^2/NDF: 347.7/16

Left Out: 1.880+/-0.958 χ^2/NDF:155.9/14

Right Out: 9.519+/-1.051 χ^2/NDF: 296.2/18

Left In: 0.655+/-1.004 χ^2/NDF:135.9/13

Left: 1.296+/-0.693 χ^2/NDF: 292.6/28

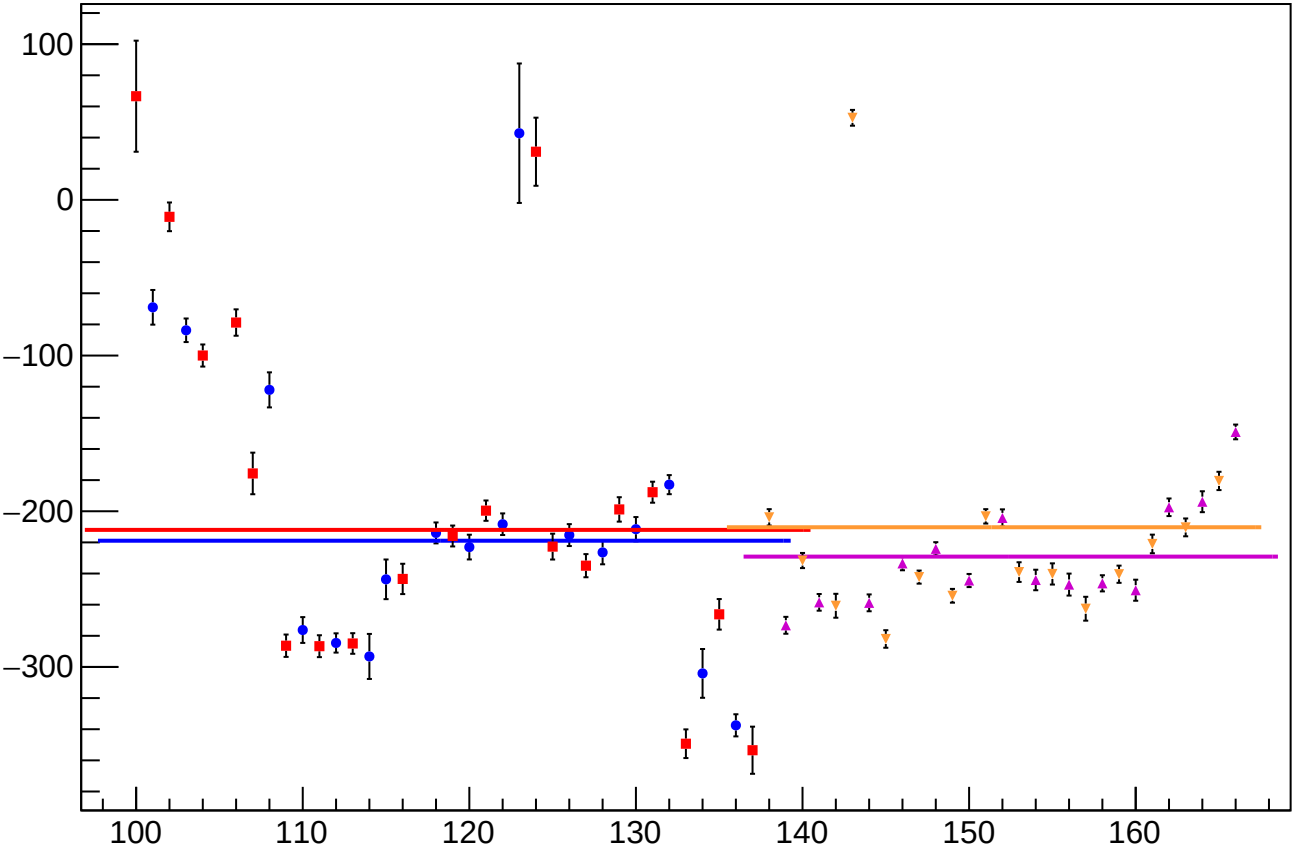
Right: 11.033+/-0.745 χ^2/NDF: 648.2/35

In: 6.311+/-0.728 χ^2/NDF:550.4/30

Out: 5.349+/-0.708 χ^2/NDF:481.0/33

All: 5.817+/-0.507 χ^2/NDF: 1032.3/64

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: -210.274+/-1.408 χ^2/NDF:3215.7/14

Right Out: -211.968+/-1.924 χ^2/NDF: 1886.2/18

Left In: -229.131+/-1.417 χ^2/NDF:540.0/13

Left: -219.648+/-0.999 χ^2/NDF: 3844.8/28

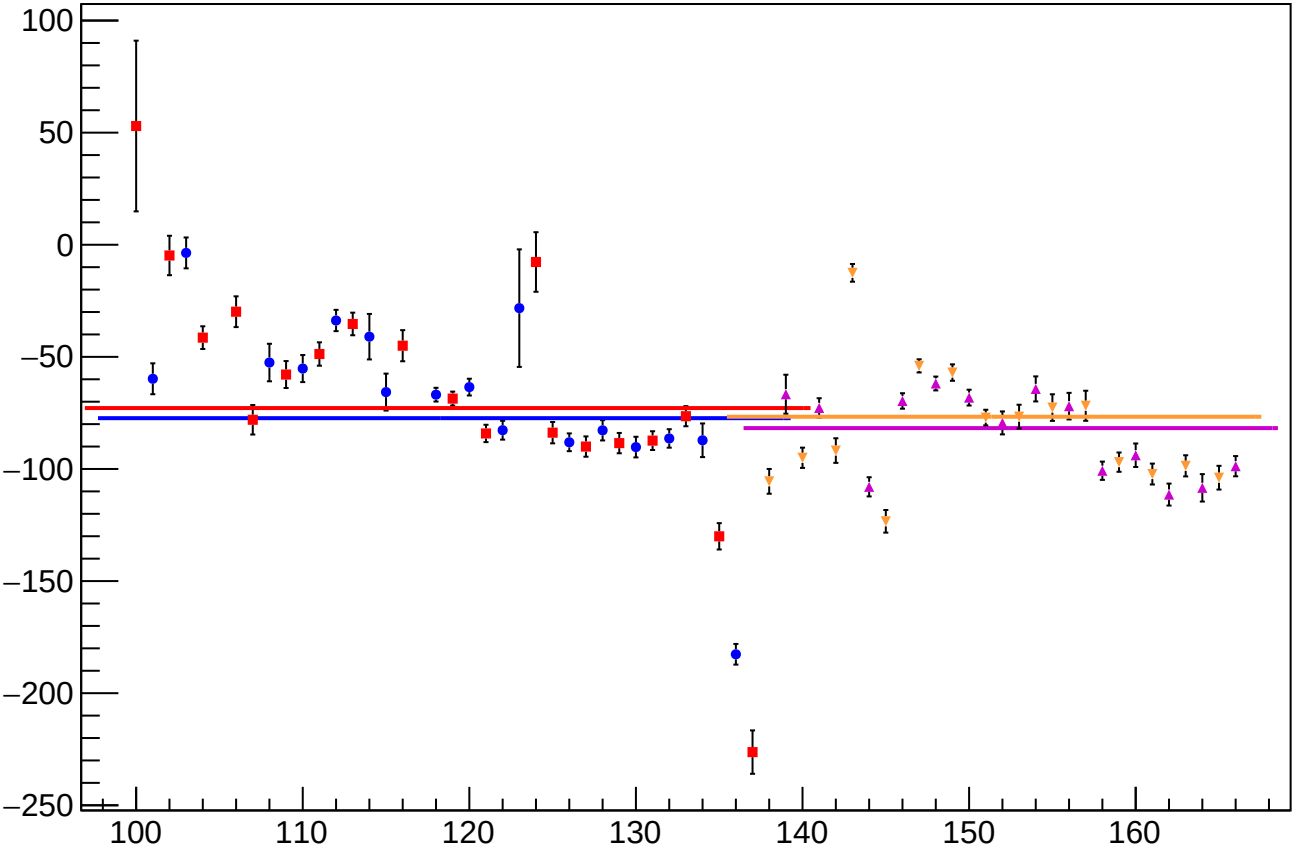
Right: -215.302+/-1.389 χ^2/NDF: 3039.1/35

In: -225.735+/-1.157 χ^2/NDF:1703.9/30

Out: -210.865+/-1.137 χ^2/NDF:5102.4/33

All: -218.166+/-0.811 χ^2/NDF: 6890.3/64

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: -76.702+/-1.149 χ^2/NDF:589.8/14

Right Out: -72.836+/-1.209 χ^2/NDF: 672.9/18

Left In: -81.777+/-1.193 χ^2/NDF:223.0/13

Left: -79.145+/-0.827 χ^2/NDF: 822.2/28

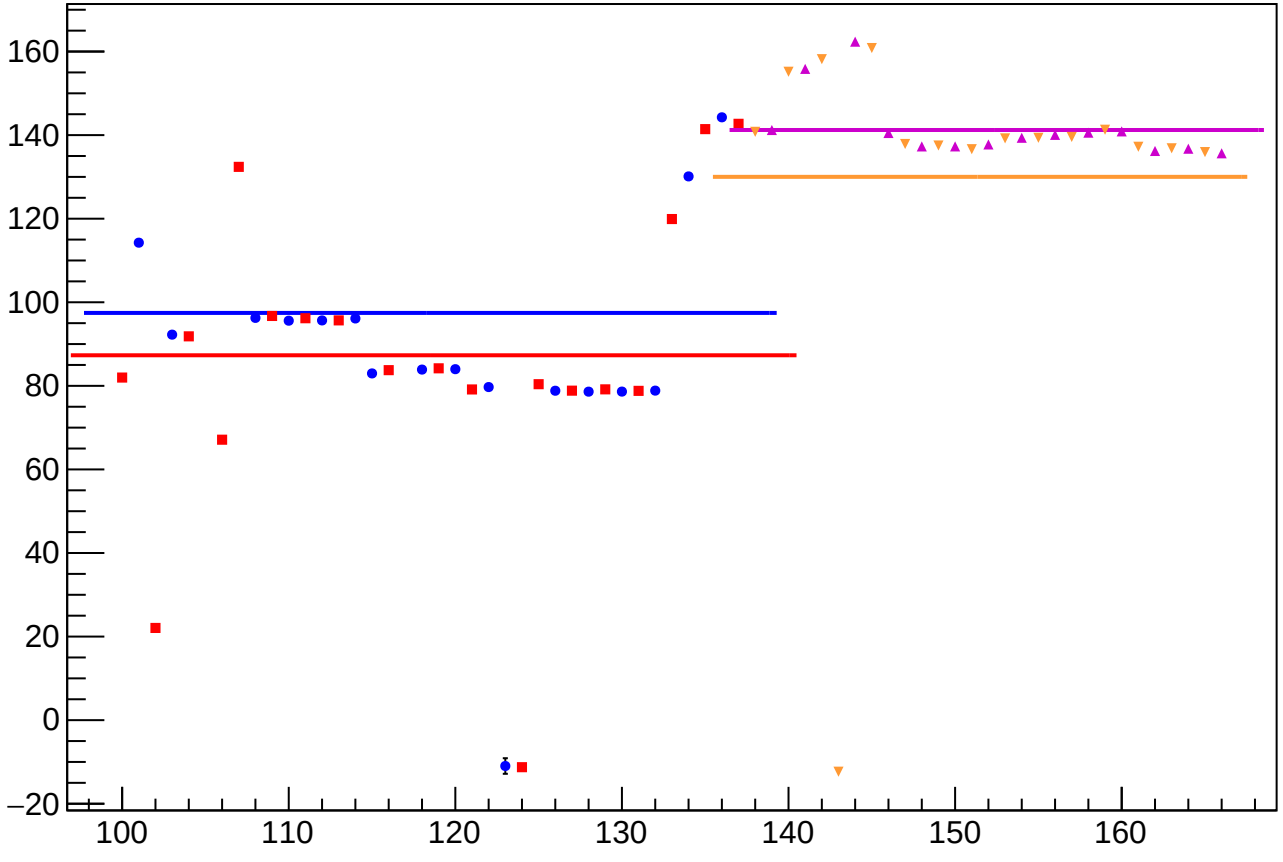
Right: -75.069+/-0.858 χ^2/NDF: 1497.0/35

In: -79.609+/-0.853 χ^2/NDF:1047.0/30

Out: -74.866+/-0.833 χ^2/NDF:1268.1/33

All: -77.182+/-0.596 χ^2/NDF: 2330.9/64

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: 130.015+/-0.057 χ^2/NDF:550148.9/14

Right Out: 87.315+/-0.068 χ^2/NDF: 221837.7/18

Left In: 141.224+/-0.057 χ^2/NDF:15296.9/13

Left: 135.589+/-0.040 χ^2/NDF: 584972.1/28

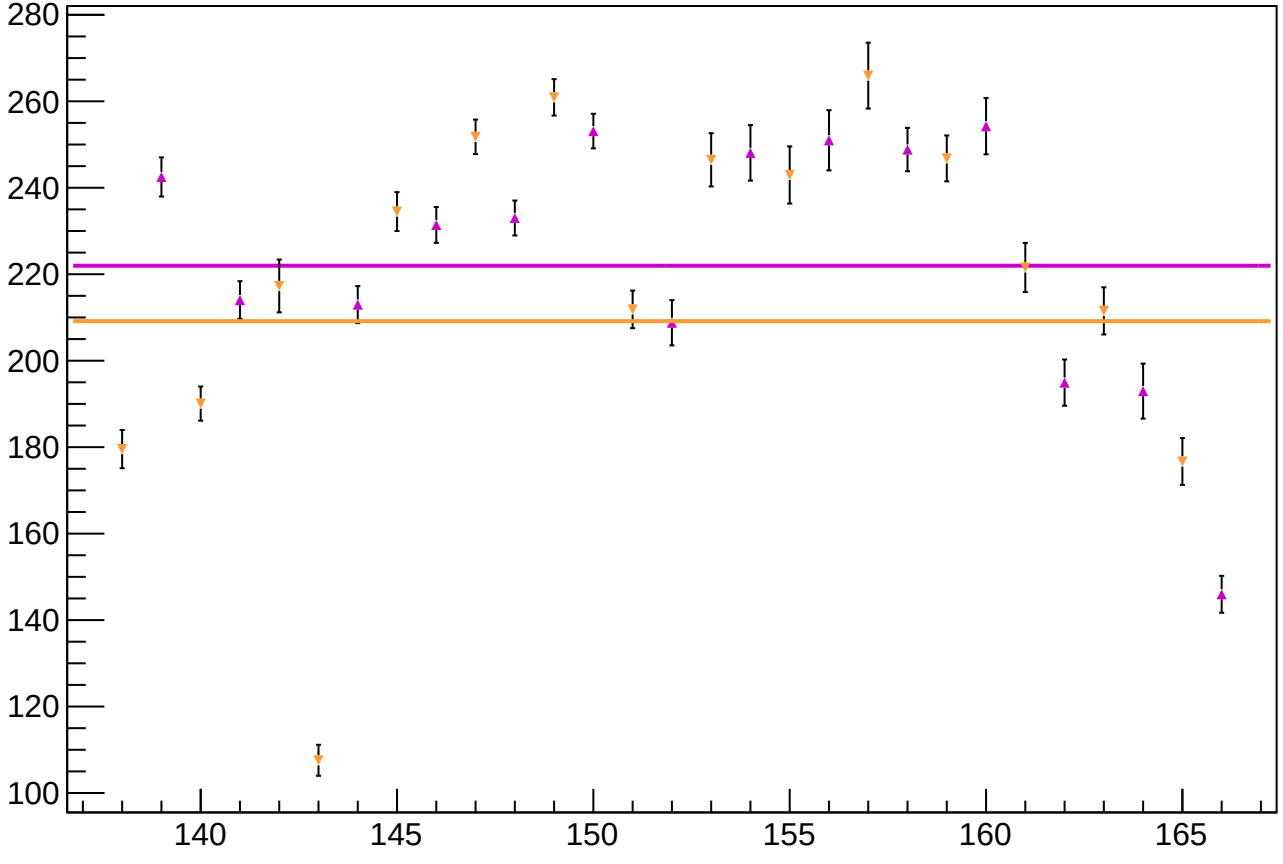
Right: 92.024+/-0.050 χ^2/NDF: 326563.7/35

In: 124.764+/-0.045 χ^2/NDF:332492.2/30

Out: 112.623+/-0.044 χ^2/NDF:1004045.2/33

All: 118.504+/-0.031 χ^2/NDF: 1374182.8/64

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: 209.142+/-1.248 χ^2/NDF:1379.6/14

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

Left In: 221.970+/-1.293 χ^2/NDF:559.4/13

Left: 215.329+/-0.898 χ^2/NDF: 1989.9/28

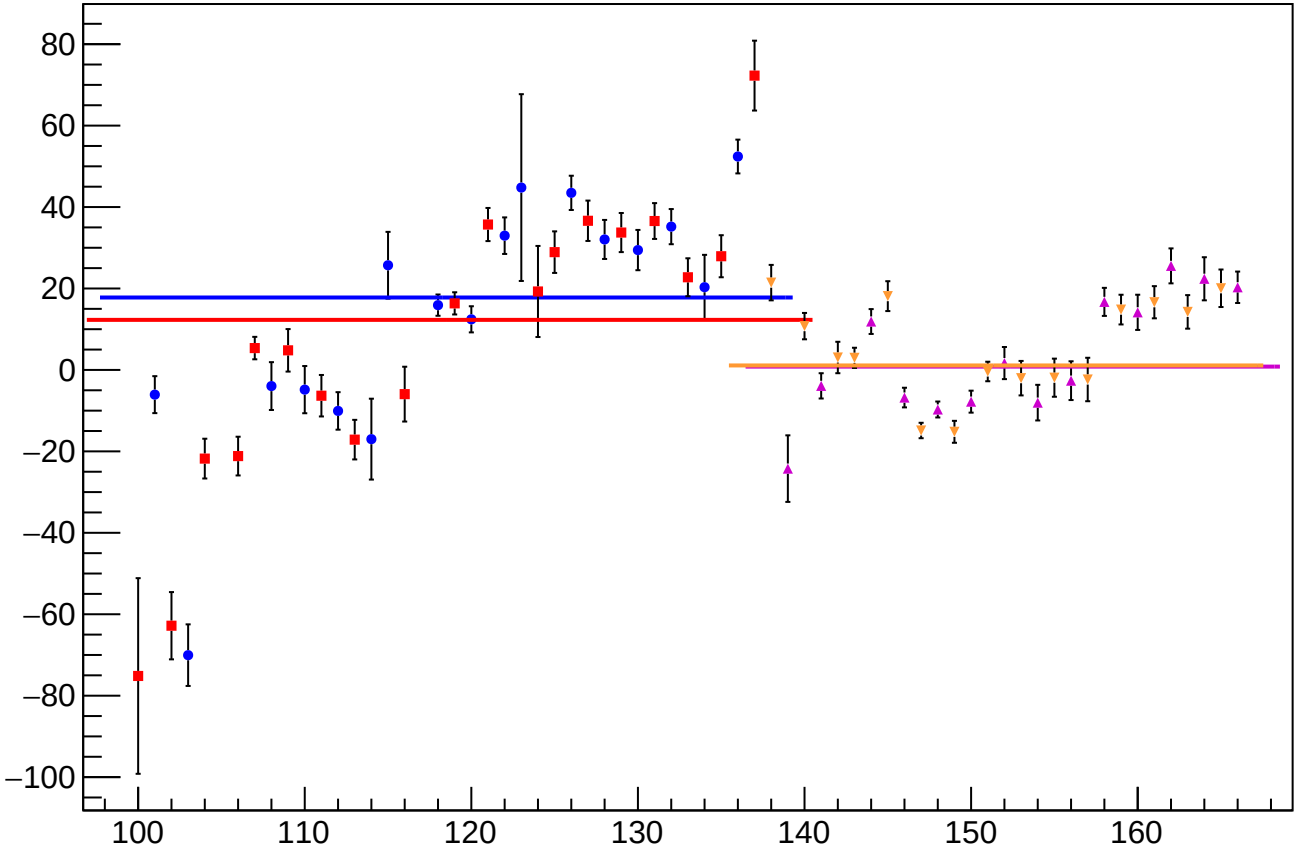
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 221.970+/-1.293 χ^2/NDF:559.4/13

Out: 209.142+/-1.248 χ^2/NDF:1379.6/14

All: 215.329+/-0.898 χ^2/NDF: 1989.9/28

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: 1.101+/-0.838 χ^2/NDF:219.3/14

Right Out: 12.294+/-1.086 χ^2/NDF: 443.7/18

Left In: 0.815+/-0.894 χ^2/NDF:184.6/13

Left: 0.967+/-0.611 χ^2/NDF: 404.0/28

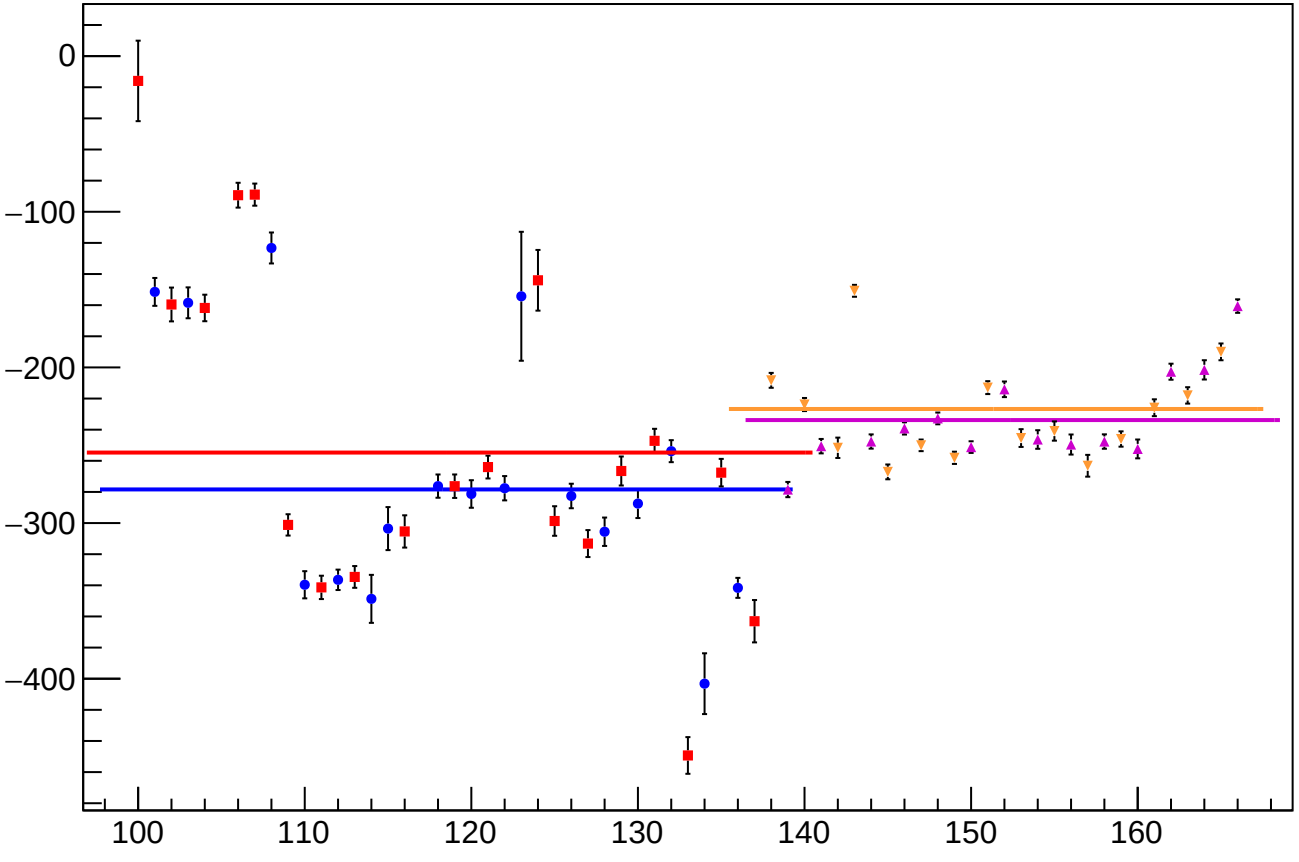
Right: 14.891+/-0.788 χ^2/NDF: 850.9/35

In: 7.232+/-0.705 χ^2/NDF:716.1/30

Out: 5.276+/-0.663 χ^2/NDF:729.6/33

All: 6.194+/-0.483 χ^2/NDF: 1449.8/64

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: -226.700+/-1.237 χ^2/NDF:716.8/14

Right Out: -254.703+/-2.020 χ^2/NDF: 2038.5/18

Left In: -233.826+/-1.266 χ^2/NDF:520.8/13

Left: -230.180+/-0.885 χ^2/NDF: 1253.9/28

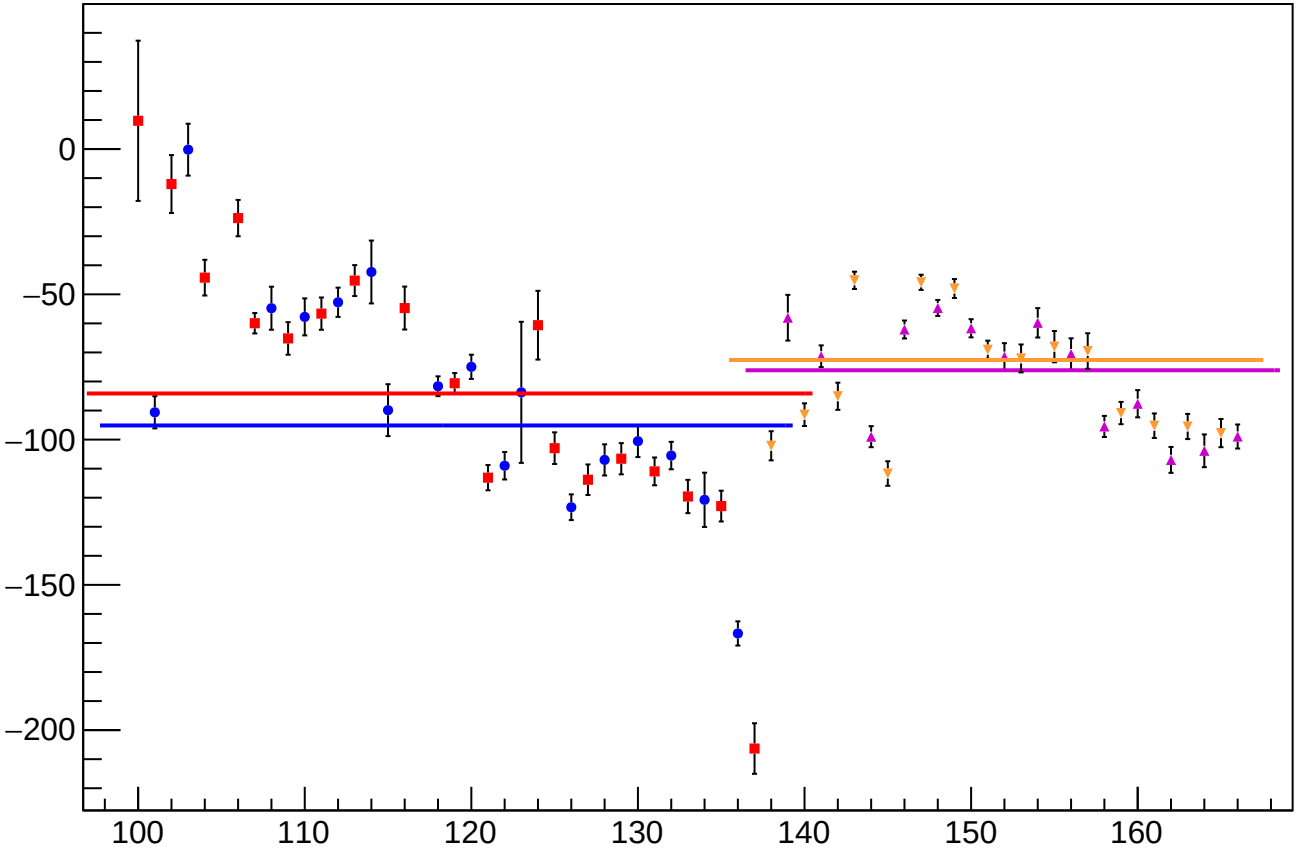
Right: -265.715+/-1.478 χ^2/NDF: 3013.0/35

In: -245.164+/-1.093 χ^2/NDF:1746.6/30

Out: -234.336+/-1.055 χ^2/NDF:2895.1/33

All: -239.557+/-0.759 χ^2/NDF: 4692.5/64

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: -72.592+/-1.006 χ^2/NDF:506.4/14

Right Out: -84.124+/-1.259 χ^2/NDF: 782.9/18

Left In: -76.140+/-1.063 χ^2/NDF:299.3/13

Left: -74.268+/-0.731 χ^2/NDF: 811.5/28

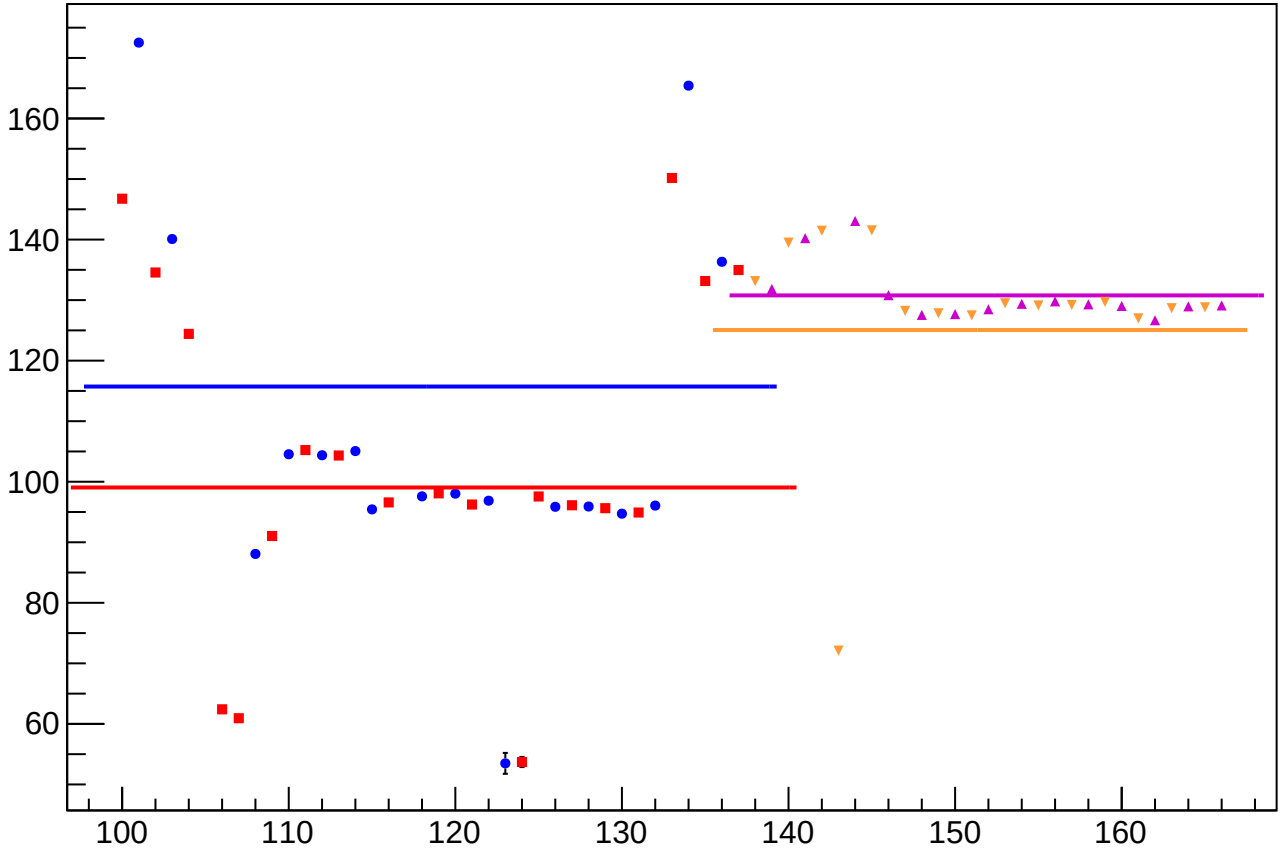
Right: -89.357+/-0.912 χ^2/NDF: 1494.2/35

In: -83.596+/-0.829 χ^2/NDF:1099.5/30

Out: -77.086+/-0.786 χ^2/NDF:1340.5/33

All: -80.168+/-0.570 χ^2/NDF: 2472.5/64

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: 125.057+/-0.050 χ^2/NDF:142042.0/14

Right Out: 99.049+/-0.069 χ^2/NDF: 173463.3/18

Left In: 130.777+/-0.051 χ^2/NDF:8000.1/13

Left: 127.852+/-0.036 χ^2/NDF: 156497.9/28

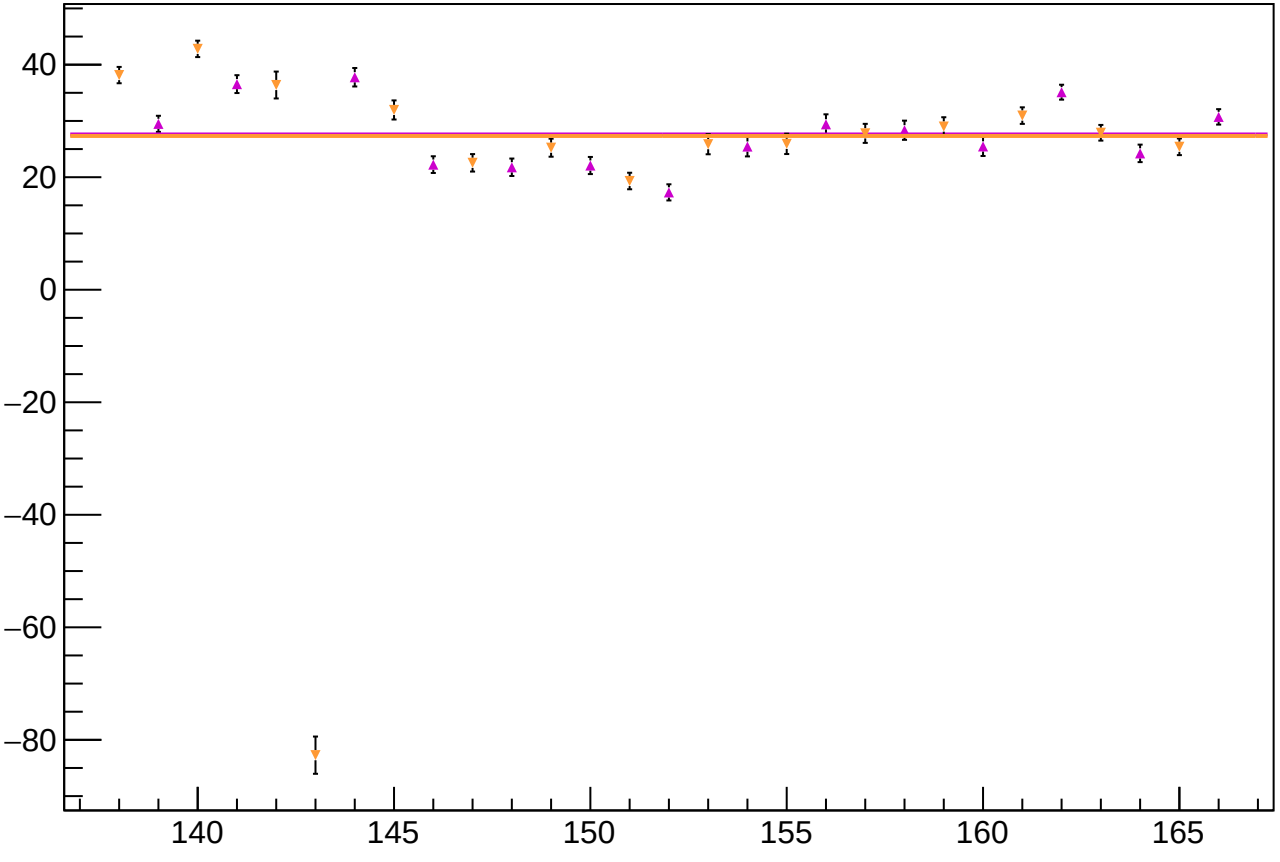
Right: 106.312+/-0.051 χ^2/NDF: 305658.4/35

In: 126.279+/-0.043 χ^2/NDF:140519.2/30

Out: 116.074+/-0.040 χ^2/NDF:409862.6/33

All: 120.886+/-0.029 χ^2/NDF: 580676.8/64

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: 27.335+/-0.423 χ^2/NDF:1346.1/14

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

Left In: 27.593+/-0.412 χ^2/NDF:209.9/13

Left: 27.467+/-0.295 χ^2/NDF: 1556.1/28

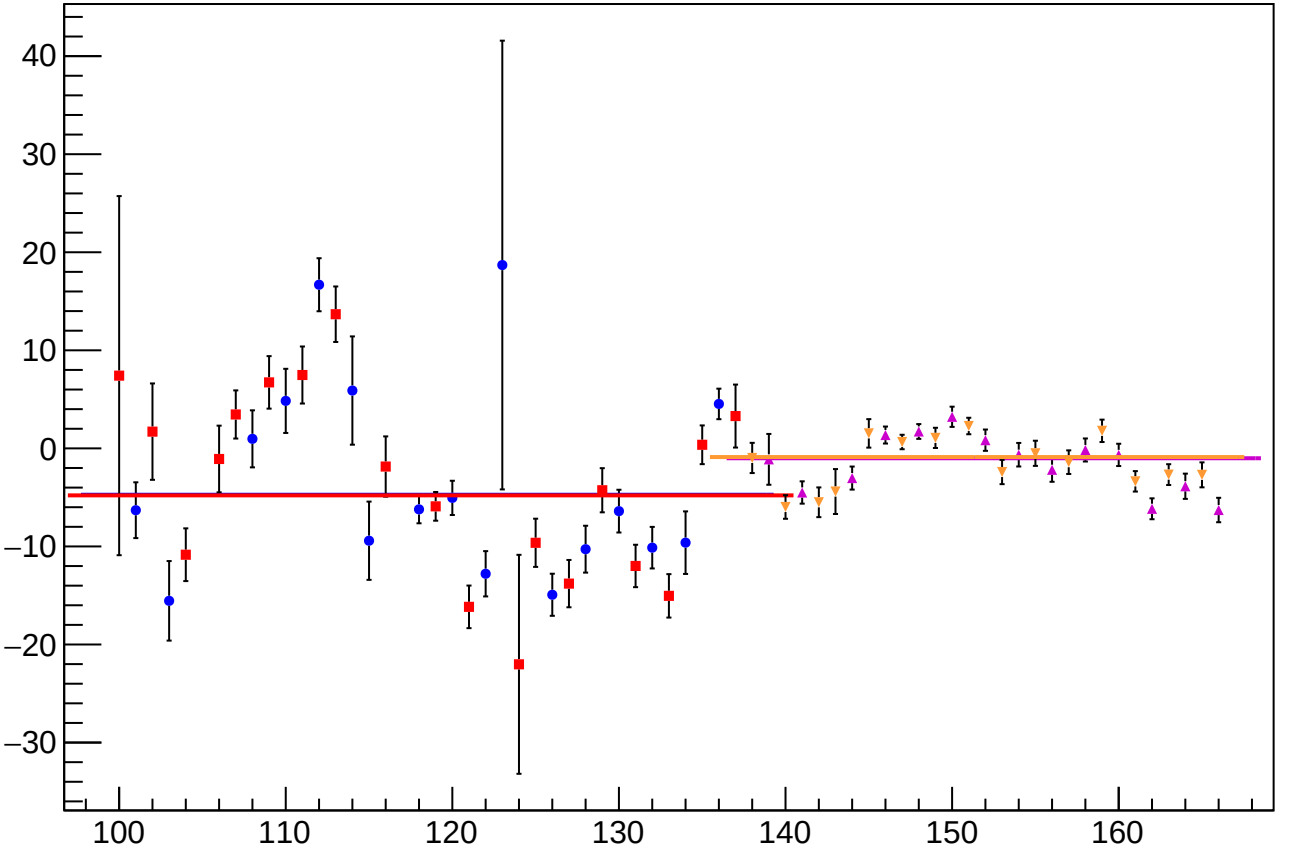
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 27.593+/-0.412 χ^2/NDF:209.9/13

Out: 27.335+/-0.423 χ^2/NDF:1346.1/14

All: 27.467+/-0.295 χ^2/NDF: 1556.1/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730+/-0.580 χ^2/NDF: 174.8/16

Left Out: -0.885+/-0.294 χ^2/NDF:72.2/14

Right Out: -4.793+/-0.586 χ^2/NDF: 193.5/18

Left In: -1.007+/-0.295 χ^2/NDF:100.6/13

Left: -0.946+/-0.208 χ^2/NDF: 172.8/28

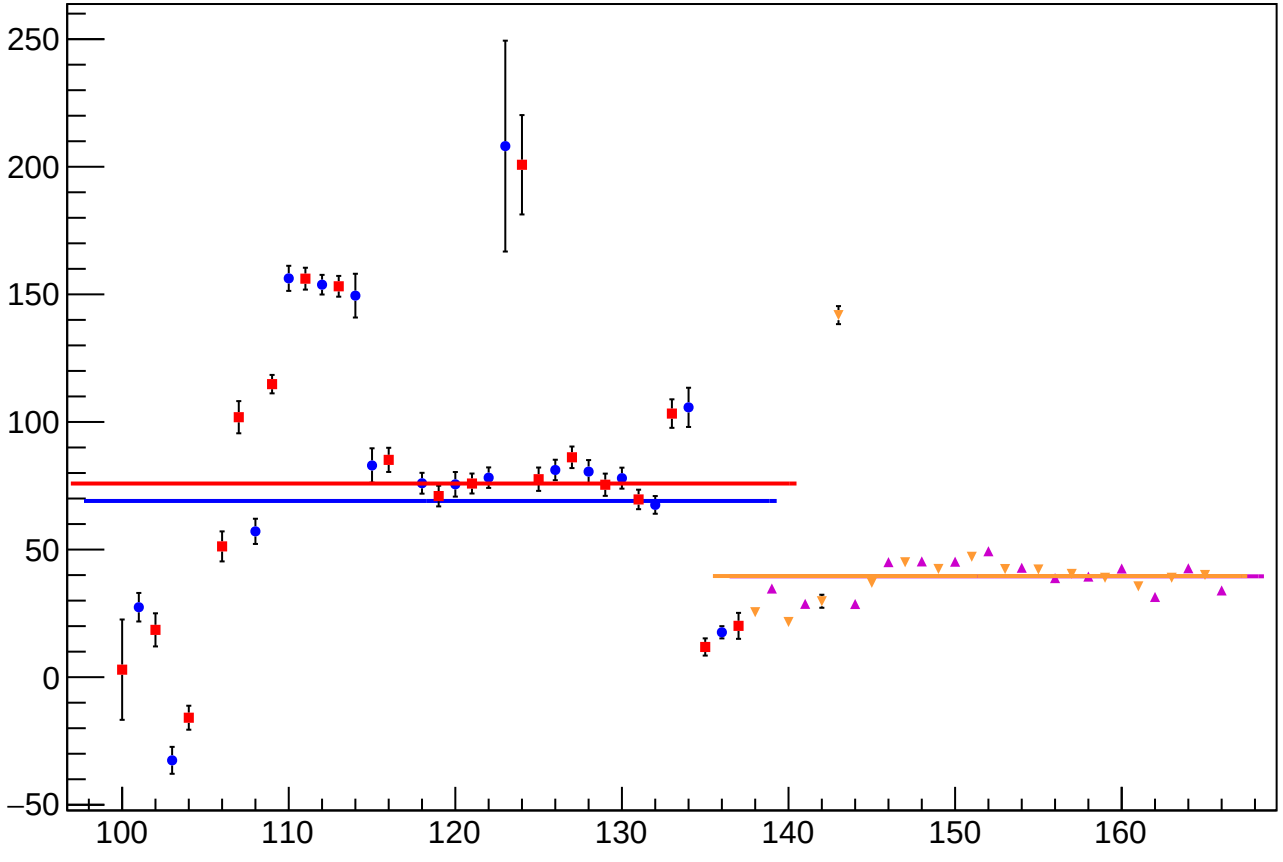
Right: -4.761+/-0.412 χ^2/NDF: 368.3/35

In: -1.772+/-0.263 χ^2/NDF:308.2/30

Out: -1.673+/-0.263 χ^2/NDF:301.2/33

All: -1.723+/-0.186 χ^2/NDF: 609.5/64

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: 39.629+/-0.413 χ^2/NDF:1129.5/14

Right Out: 75.878+/-1.069 χ^2/NDF: 1895.0/18

Left In: 39.521+/-0.402 χ^2/NDF:255.5/13

Left: 39.573+/-0.288 χ^2/NDF: 1385.1/28

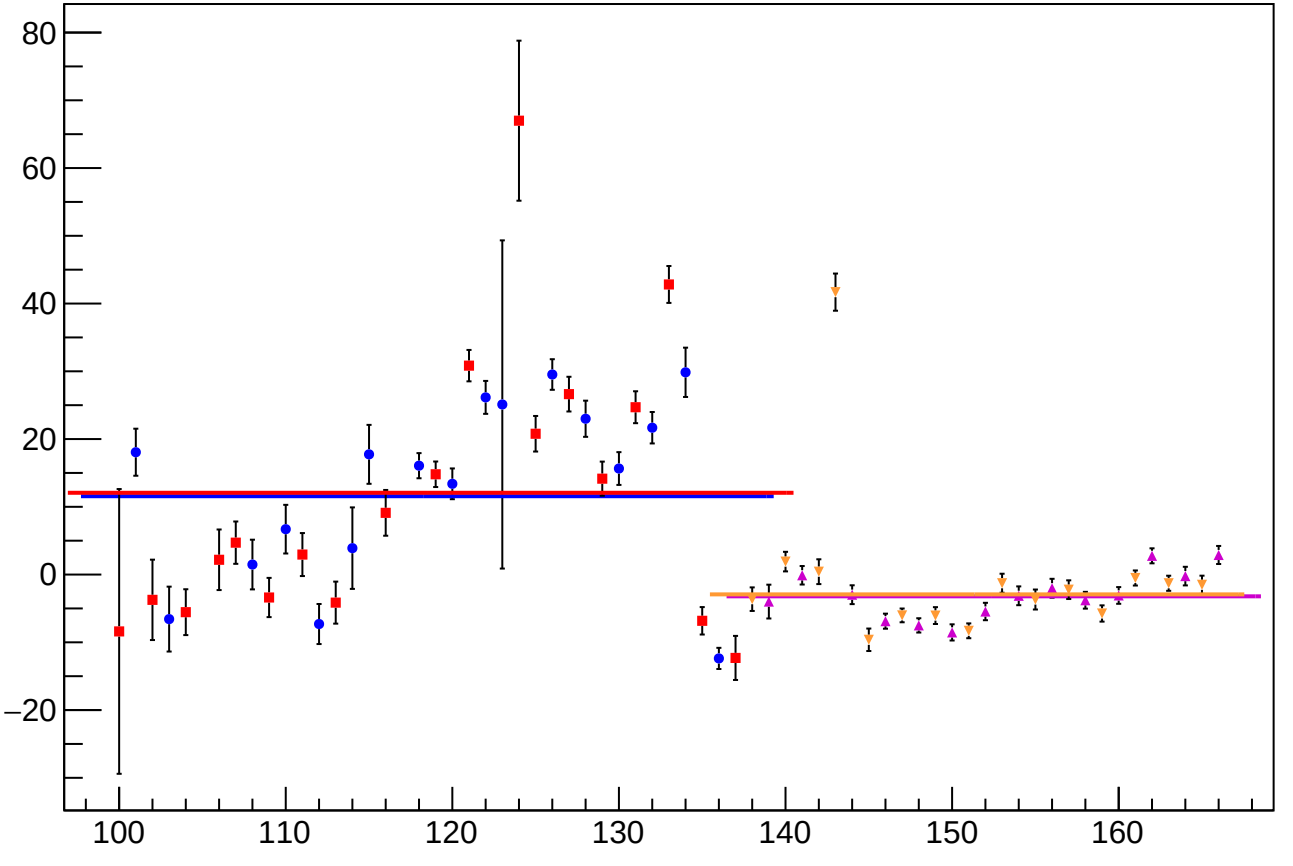
Right: 72.486+/-0.759 χ^2/NDF: 3763.1/35

In: 43.132+/-0.376 χ^2/NDF:2763.5/30

Out: 44.335+/-0.385 χ^2/NDF:4024.2/33

All: 43.719+/-0.269 χ^2/NDF: 6792.7/64

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: -2.925+/-0.345 χ^2/NDF:350.8/14

Right Out: 12.071+/-0.665 χ^2/NDF: 543.3/18

Left In: -3.212+/-0.343 χ^2/NDF:111.5/13

Left: -3.069+/-0.243 χ^2/NDF: 462.7/28

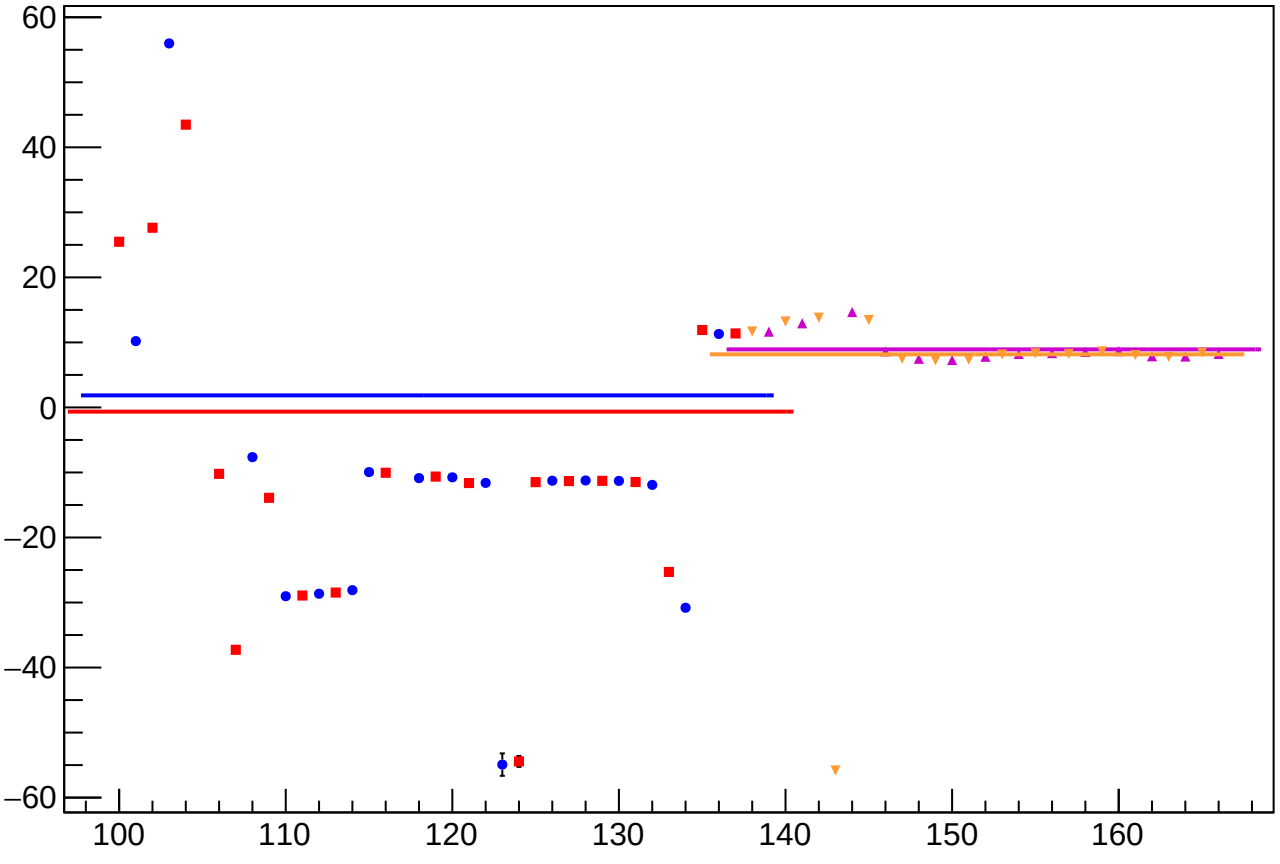
Right: 11.816+/-0.468 χ^2/NDF: 1021.8/35

In: -0.053+/-0.304 χ^2/NDF:985.9/30

Out: 0.256+/-0.306 χ^2/NDF:1295.4/33

All: 0.101+/-0.216 χ^2/NDF: 2281.8/64

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855+/-0.037 χ^2/NDF: 359414.1/16

Left Out: 8.165+/-0.016 χ^2/NDF:222579.8/14

Right Out: -0.644+/-0.037 χ^2/NDF: 361625.7/18

Left In: 8.926+/-0.016 χ^2/NDF:14468.6/13

Left: 8.554+/-0.011 χ^2/NDF: 238174.6/28

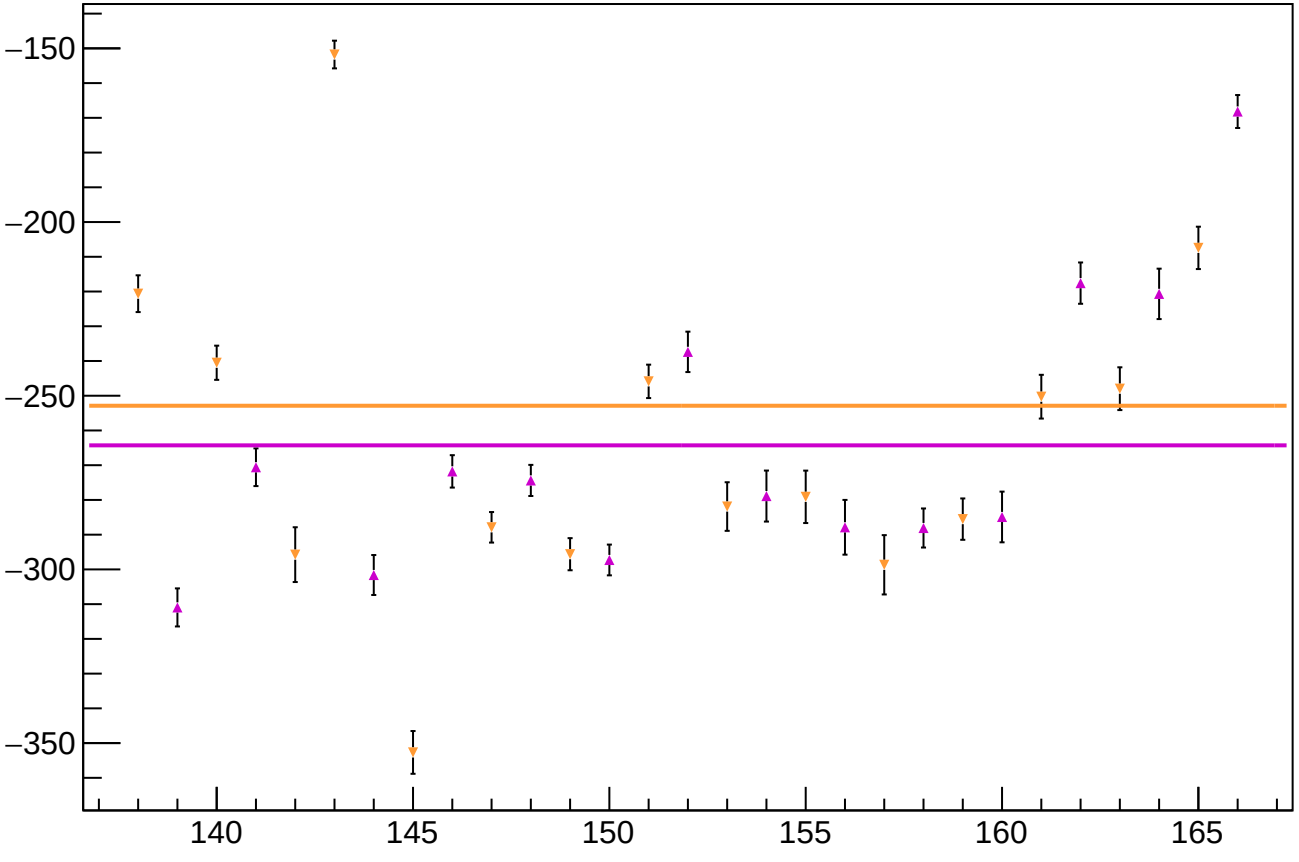
Right: 0.608+/-0.026 χ^2/NDF: 723318.4/35

In: 7.828+/-0.015 χ^2/NDF:404734.8/30

Out: 6.751+/-0.015 χ^2/NDF:631658.8/33

All: 7.299+/-0.010 χ^2/NDF: 1039072.3/64

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: -252.882+/-1.440 χ^2/NDF:1273.5/14

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

Left In: -264.285+/-1.490 χ^2/NDF:747.8/13

Left: -258.390+/-1.035 χ^2/NDF: 2051.7/28

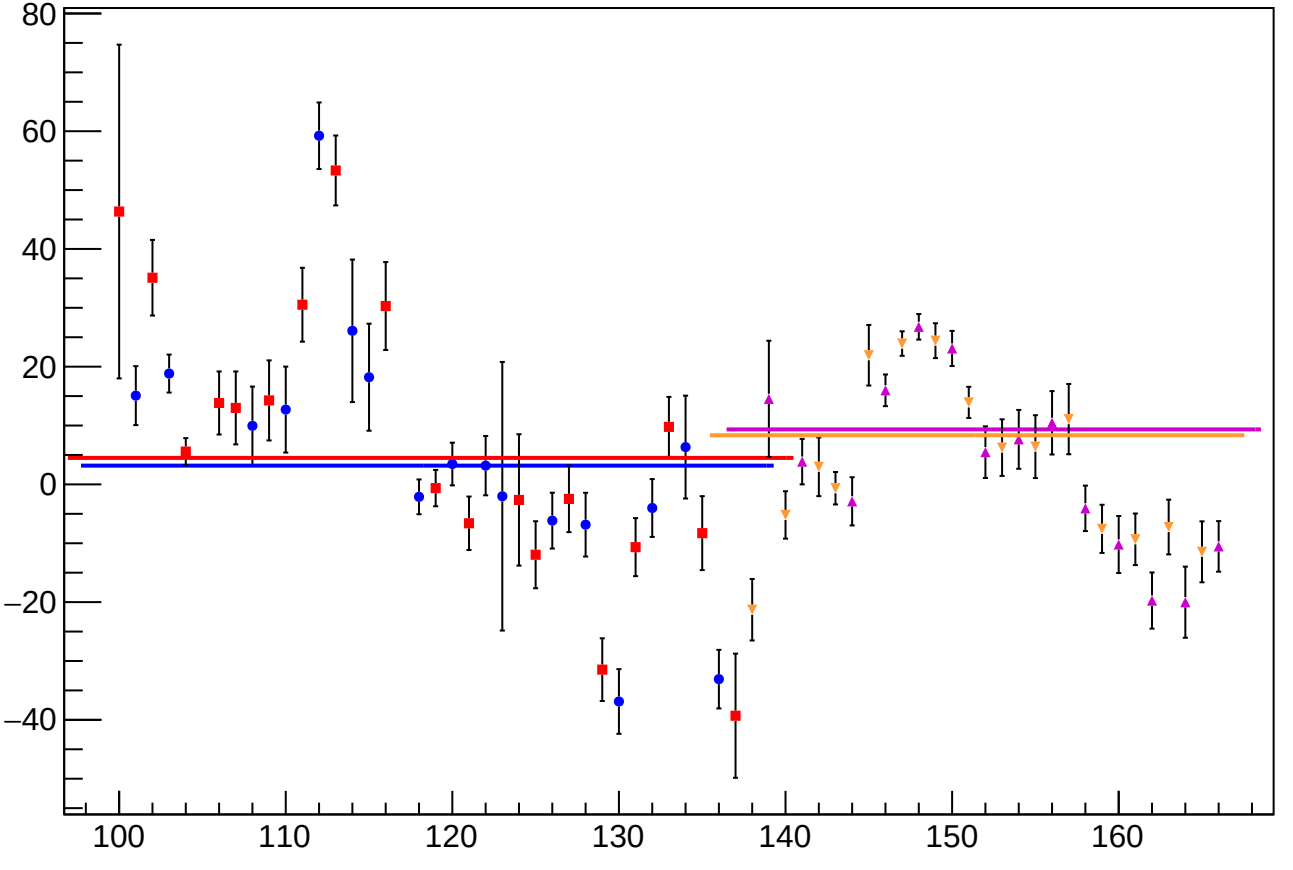
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -264.285+/-1.490 χ^2/NDF:747.8/13

Out: -252.882+/-1.440 χ^2/NDF:1273.5/14

All: -258.390+/-1.035 χ^2/NDF: 2051.7/28

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: 8.349+/-0.954 χ^2/NDF:210.0/14

Right Out: 4.497+/-1.160 χ^2/NDF: 225.4/18

Left In: 9.339+/-1.020 χ^2/NDF:214.4/13

Left: 8.811+/-0.697 χ^2/NDF: 424.8/28

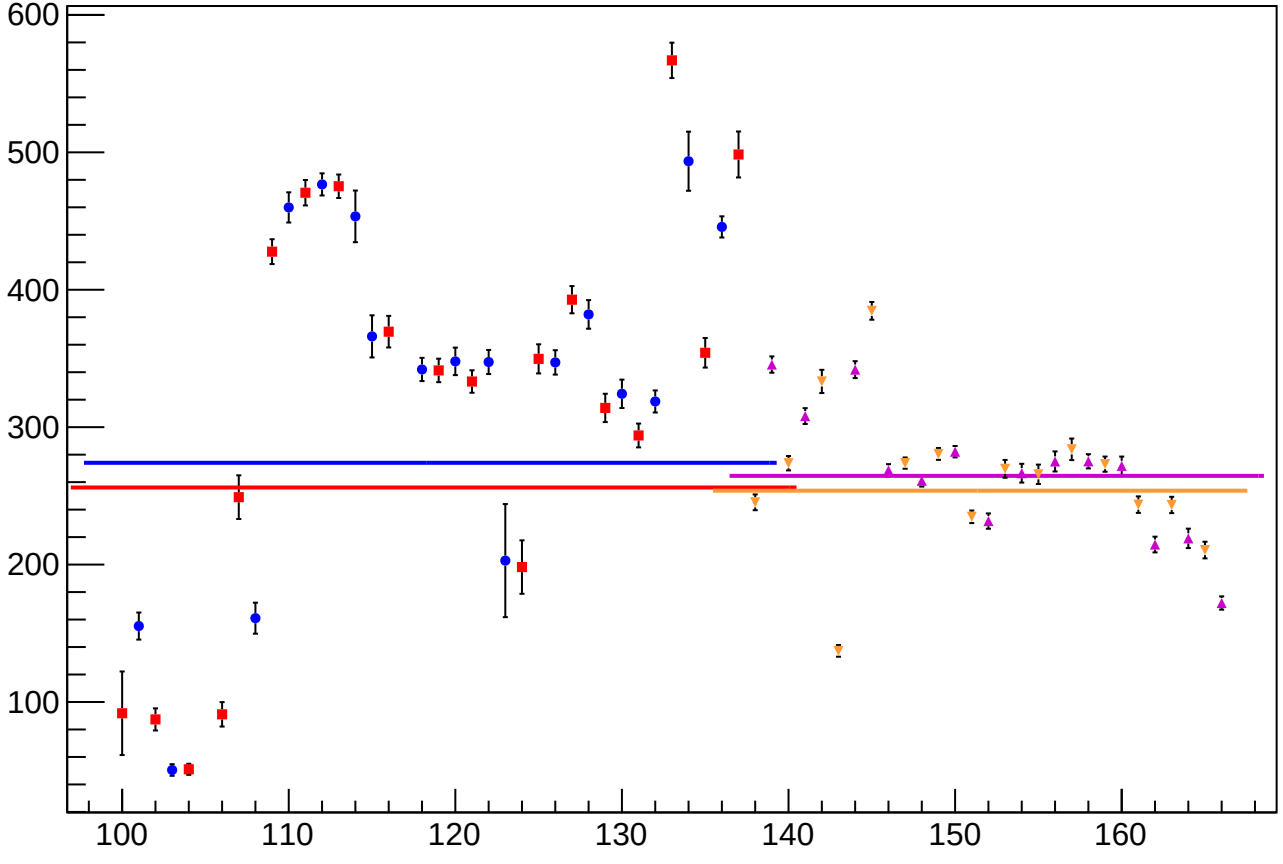
Right: 3.879+/-0.842 χ^2/NDF: 481.7/35

In: 6.821+/-0.784 χ^2/NDF:484.9/30

Out: 6.794+/-0.737 χ^2/NDF:442.0/33

All: 6.807+/-0.537 χ^2/NDF: 926.9/64

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: 253.781+/-1.419 χ^2/NDF:1437.9/14

Right Out: 256.109+/-2.080 χ^2/NDF: 6444.1/18

Left In: 264.573+/-1.451 χ^2/NDF:947.5/13

Left: 259.056+/-1.014 χ^2/NDF: 2413.7/28

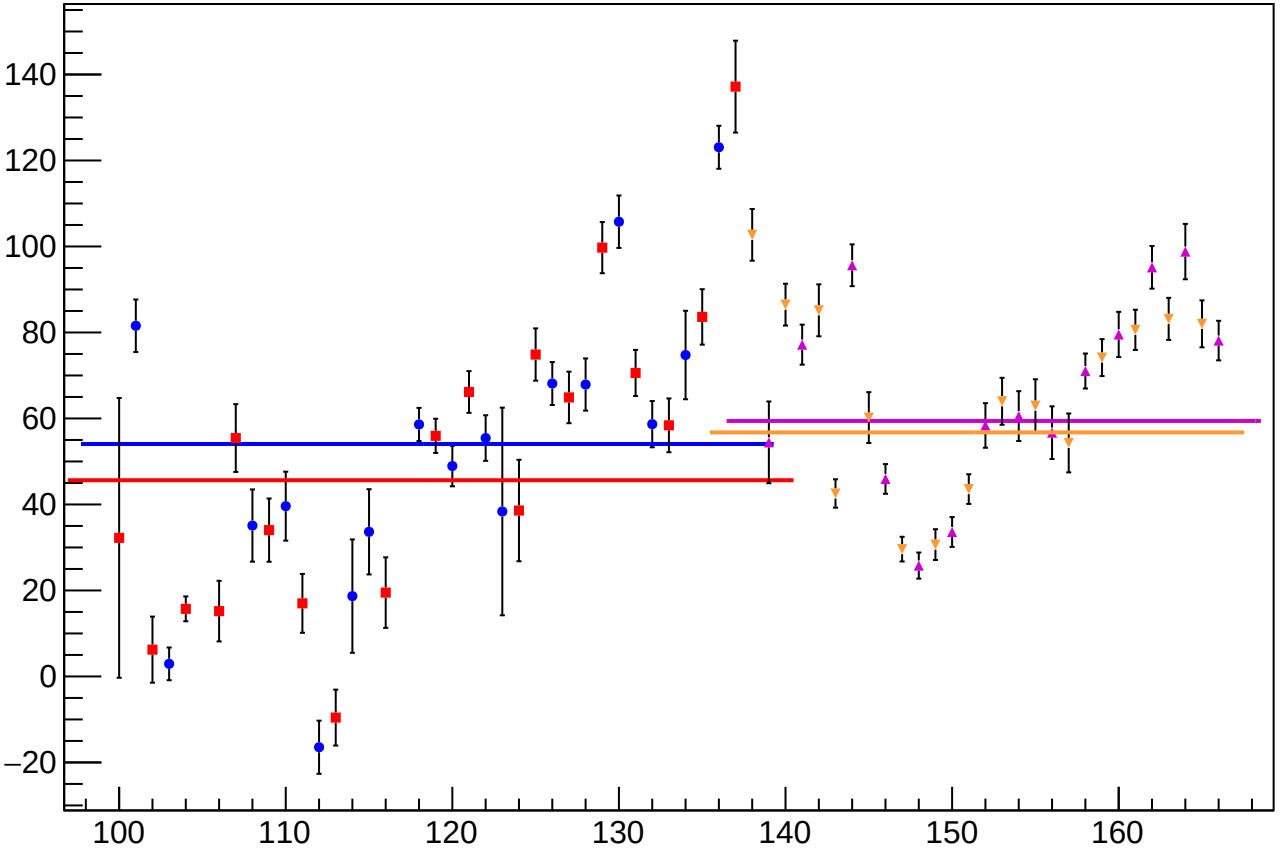
Right: 264.628+/-1.509 χ^2/NDF: 11591.4/35

In: 267.471+/-1.210 χ^2/NDF:6072.6/30

Out: 254.520+/-1.172 χ^2/NDF:7882.8/33

All: 260.791+/-0.842 χ^2/NDF: 14014.5/64

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: 56.761+/-1.149 χ^2/NDF:389.7/14

Right Out: 45.637+/-1.359 χ^2/NDF: 530.8/18

Left In: 59.421+/-1.215 χ^2/NDF:392.8/13

Left: 58.017+/-0.835 χ^2/NDF: 785.0/28

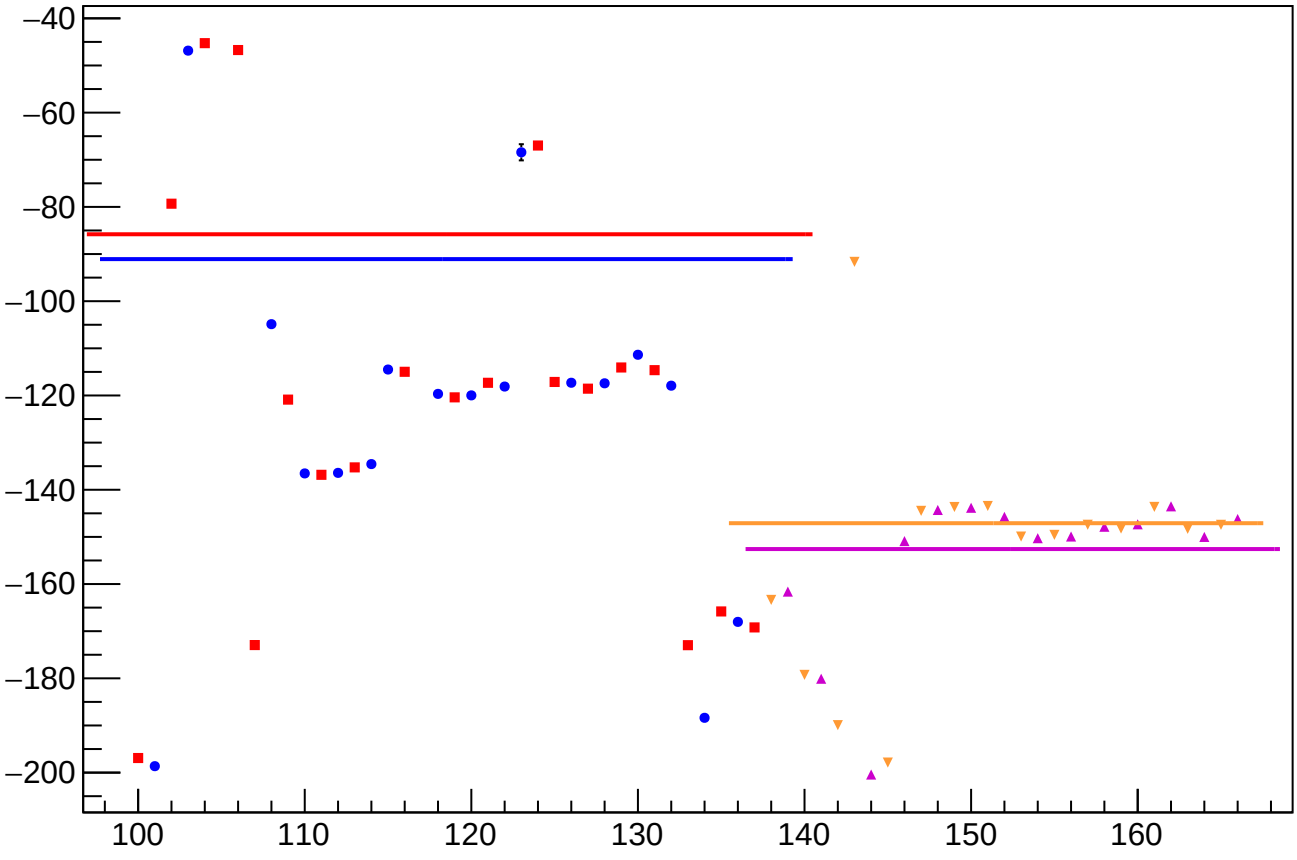
Right: 49.665+/-0.982 χ^2/NDF: 1183.6/35

In: 57.158+/-0.923 χ^2/NDF:1035.4/30

Out: 52.126+/-0.877 χ^2/NDF:959.6/33

All: 54.514+/-0.636 χ^2/NDF: 2010.6/64

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074+/-0.068 χ^2/NDF: 534647.5/16

Left Out: -147.093+/-0.057 χ^2/NDF:187074.7/14

Right Out: -85.803+/-0.065 χ^2/NDF: 495895.1/18

Left In: -152.578+/-0.058 χ^2/NDF:56707.7/13

Left: -149.778+/-0.041 χ^2/NDF: 248293.1/28

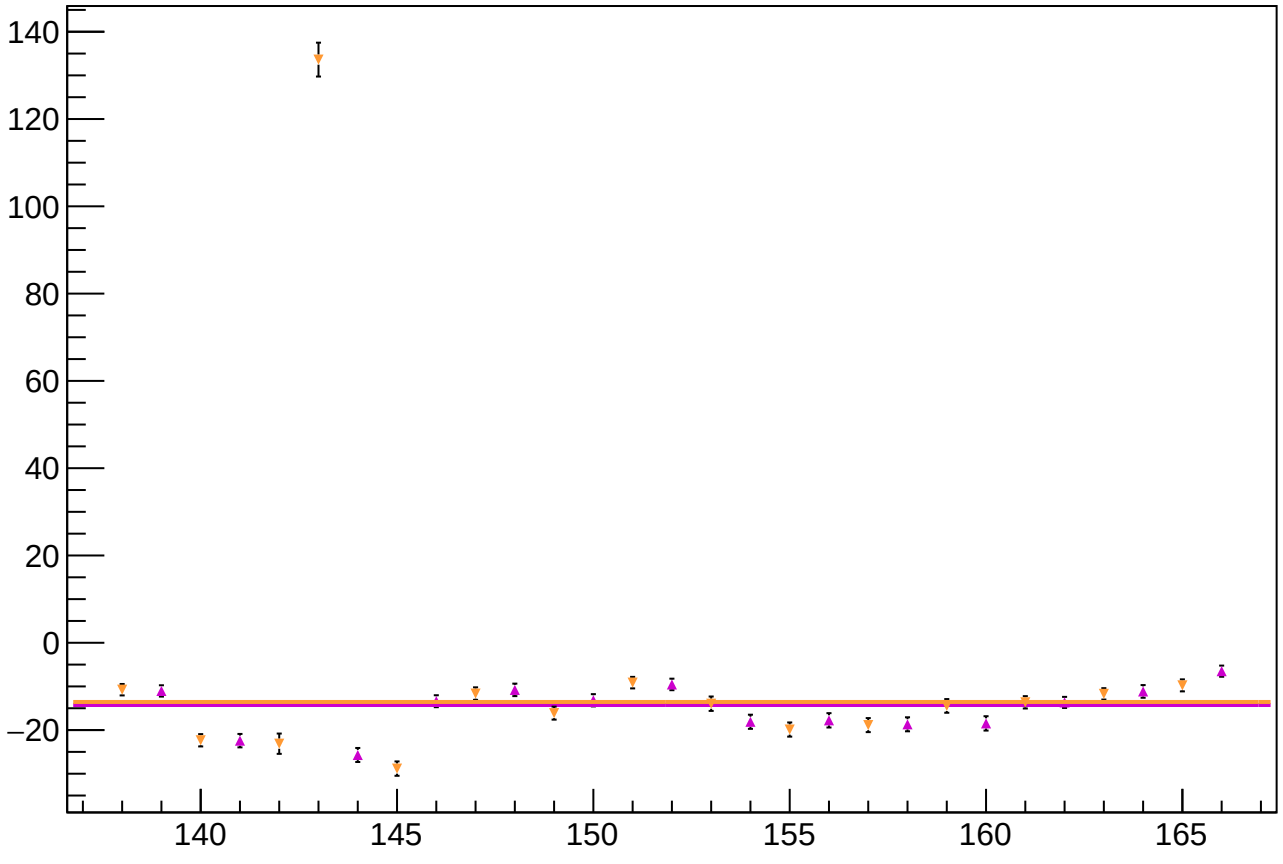
Right: -88.339+/-0.047 χ^2/NDF: 1033703.0/35

In: -126.290+/-0.044 χ^2/NDF:1066314.0/30

Out: -120.396+/-0.043 χ^2/NDF:1184167.4/33

All: -123.260+/-0.031 χ^2/NDF: 2259641.1/64

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: -13.563+/-0.396 χ^2/NDF:1636.1/14

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

Left In: -14.258+/-0.386 χ^2/NDF:170.7/13

Left: -13.920+/-0.276 χ^2/NDF: 1808.4/28

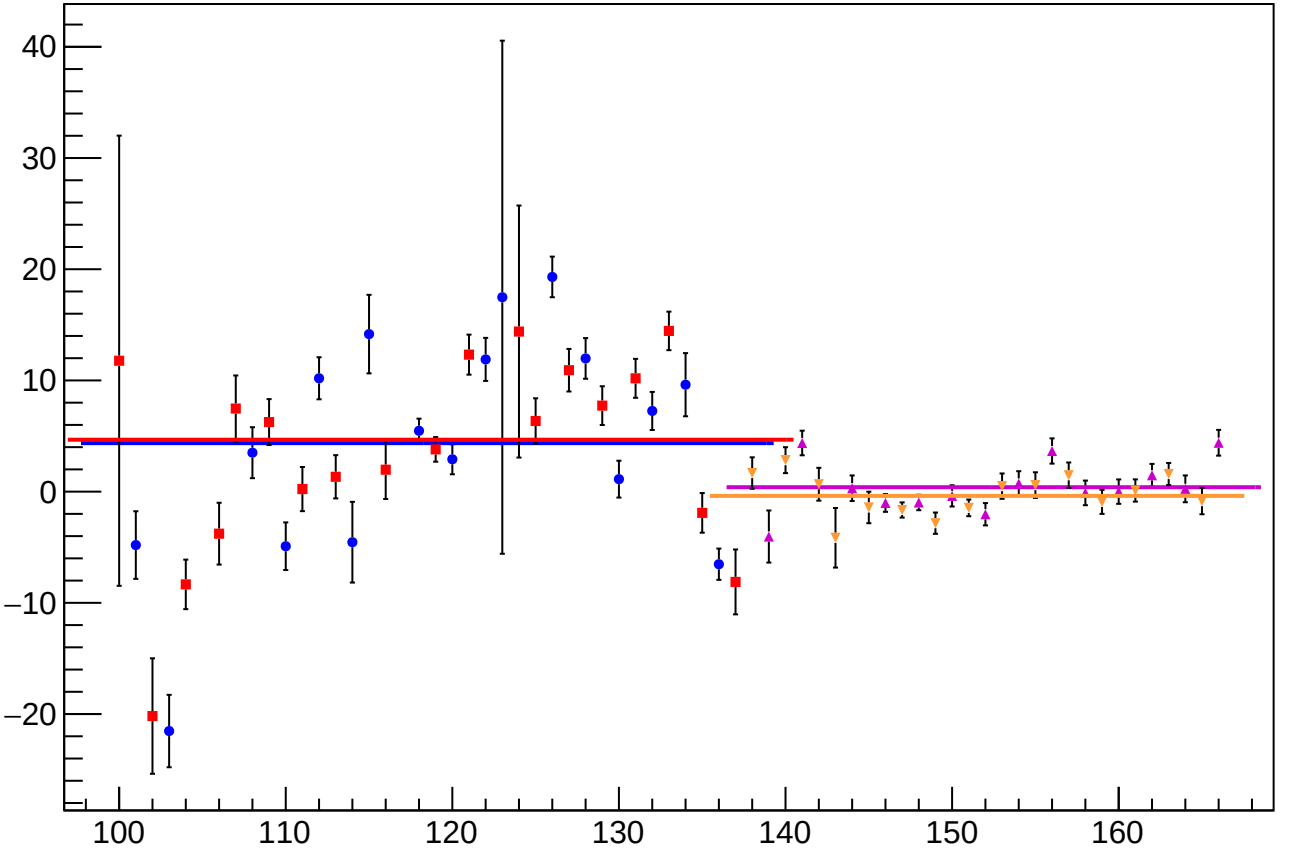
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -14.258+/-0.386 χ^2/NDF:170.7/13

Out: -13.563+/-0.396 χ^2/NDF:1636.1/14

All: -13.920+/-0.276 χ^2/NDF: 1808.4/28

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: -0.383+/-0.275 χ^2/NDF:33.3/14

Right Out: 4.670+/-0.474 χ^2/NDF: 185.4/18

Left In: 0.398+/-0.276 χ^2/NDF:51.8/13

Left: 0.006+/-0.195 χ^2/NDF: 89.1/28

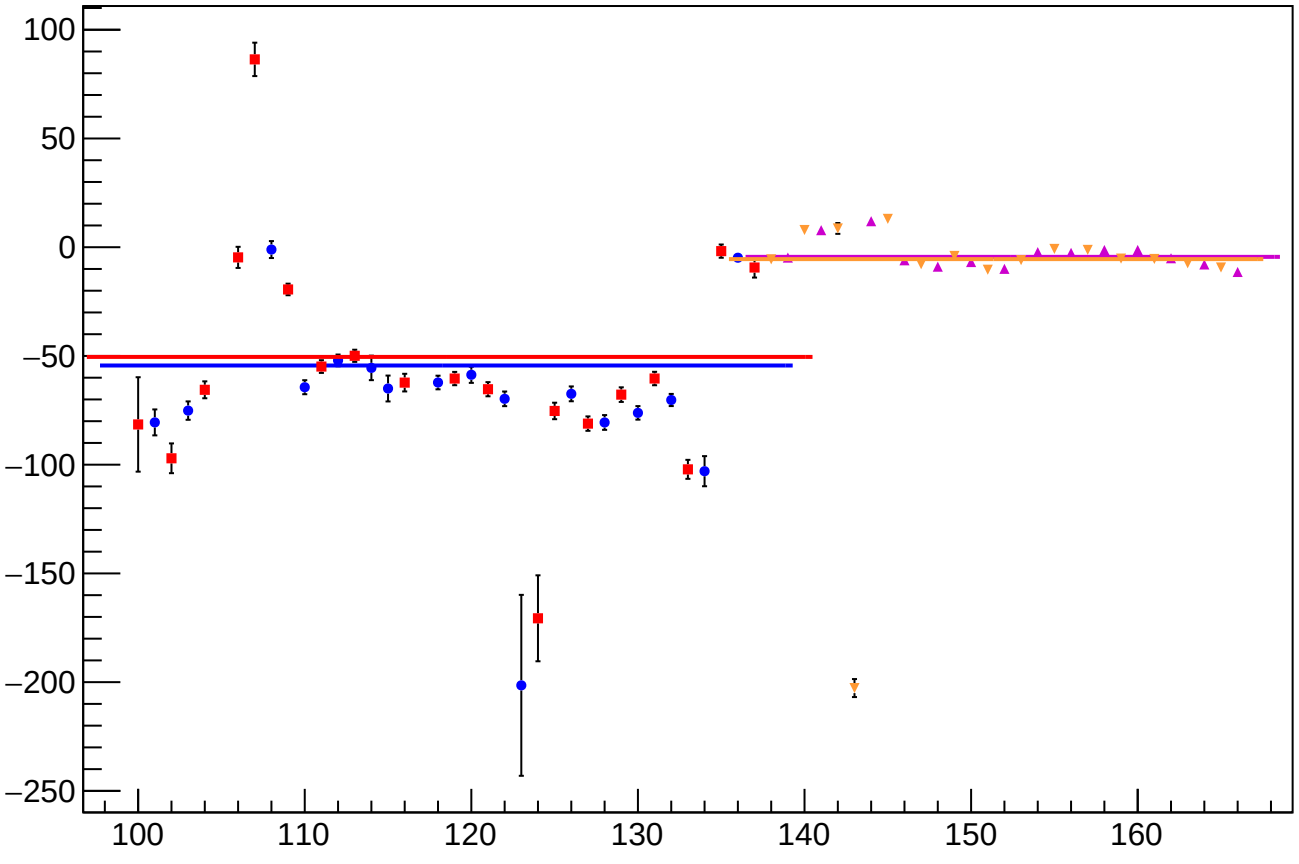
Right: 4.512+/-0.332 χ^2/NDF: 472.1/35

In: 1.434+/-0.237 χ^2/NDF:392.1/30

Out: 0.889+/-0.238 χ^2/NDF:303.6/33

All: 1.162+/-0.168 χ^2/NDF: 698.4/64

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: -5.471+/-0.387 χ^2/NDF:2542.1/14

Right Out: -50.441+/-0.857 χ^2/NDF: 1324.7/18

Left In: -4.434+/-0.376 χ^2/NDF:229.5/13

Left: -4.938+/-0.270 χ^2/NDF: 2775.3/28

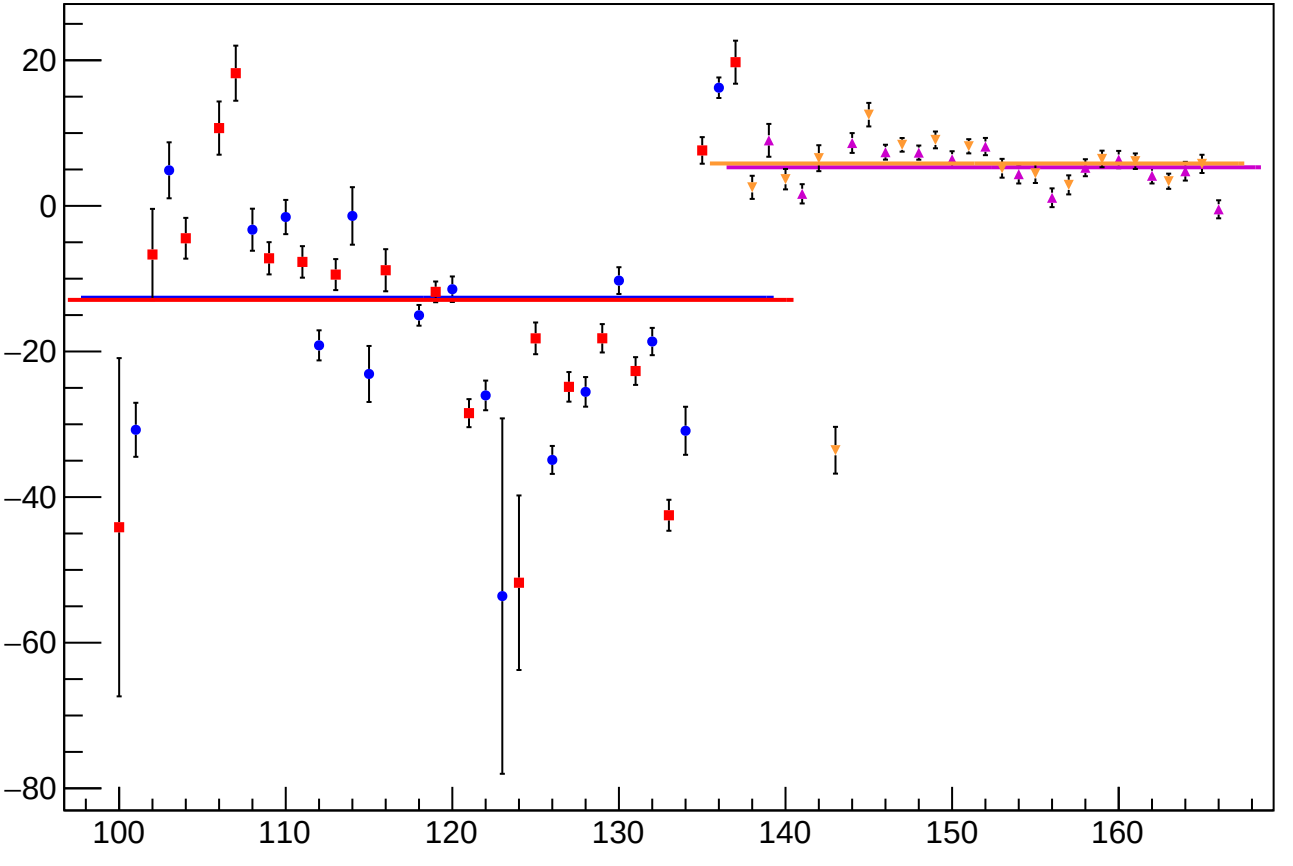
Right: -52.405+/-0.608 χ^2/NDF: 2348.7/35

In: -12.414+/-0.345 χ^2/NDF:4061.9/30

Out: -13.067+/-0.352 χ^2/NDF:6153.2/33

All: -12.733+/-0.246 χ^2/NDF: 10216.8/64

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: 5.824+/-0.323 χ^2/NDF:207.8/14

Right Out: -12.912+/-0.538 χ^2/NDF: 730.2/18

Left In: 5.300+/-0.322 χ^2/NDF:66.4/13

Left: 5.561+/-0.228 χ^2/NDF: 275.4/28

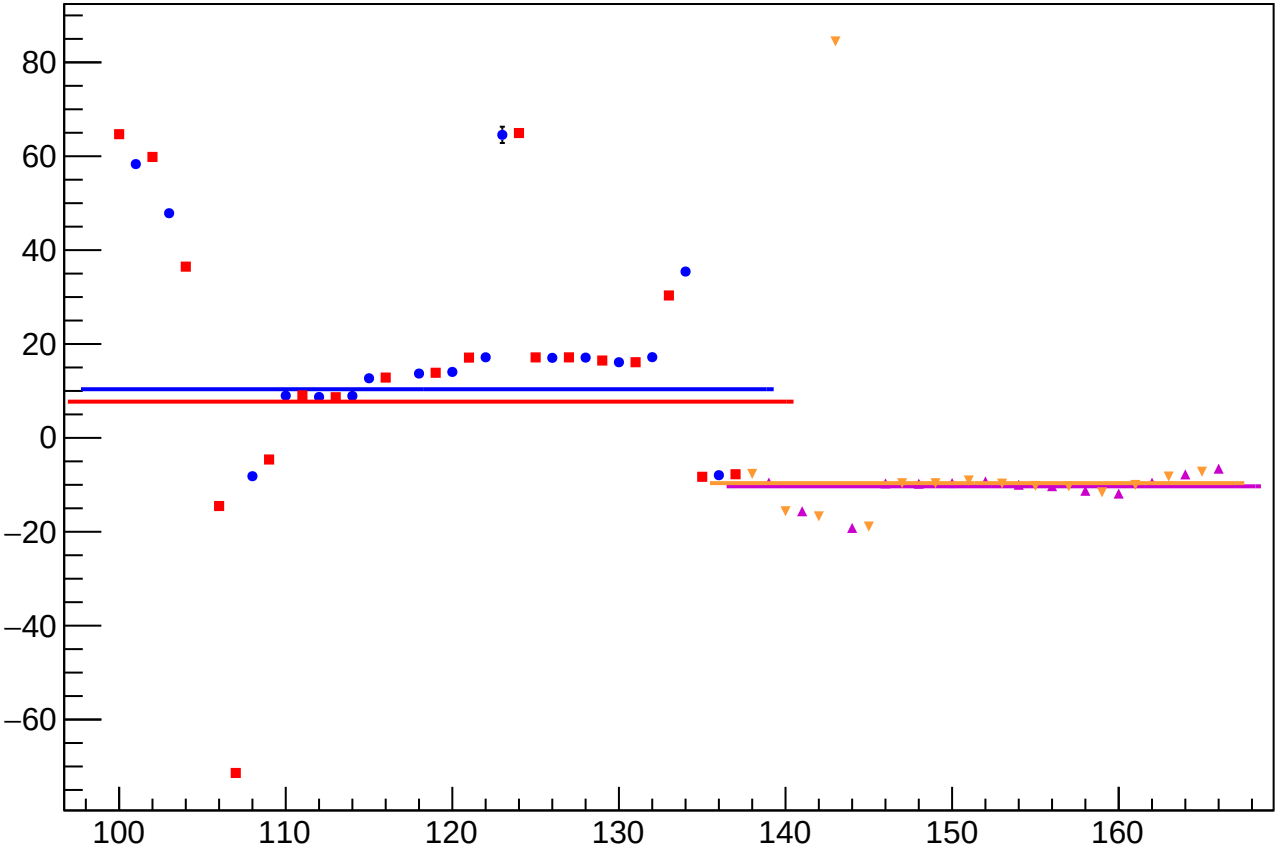
Right: -12.762+/-0.378 χ^2/NDF: 1518.6/35

In: 0.472+/-0.275 χ^2/NDF:1688.8/30

Out: 0.868+/-0.277 χ^2/NDF:1829.4/33

All: 0.669+/-0.195 χ^2/NDF: 3519.1/64

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.366+/-0.031 χ^2/NDF: 381003.5/16

Left Out: -9.640+/-0.015 χ^2/NDF:358868.8/14

Right Out: 7.719+/-0.031 χ^2/NDF: 545085.7/18

Left In: -10.316+/-0.015 χ^2/NDF:28937.4/13

Left: -9.985+/-0.011 χ^2/NDF: 388819.9/28

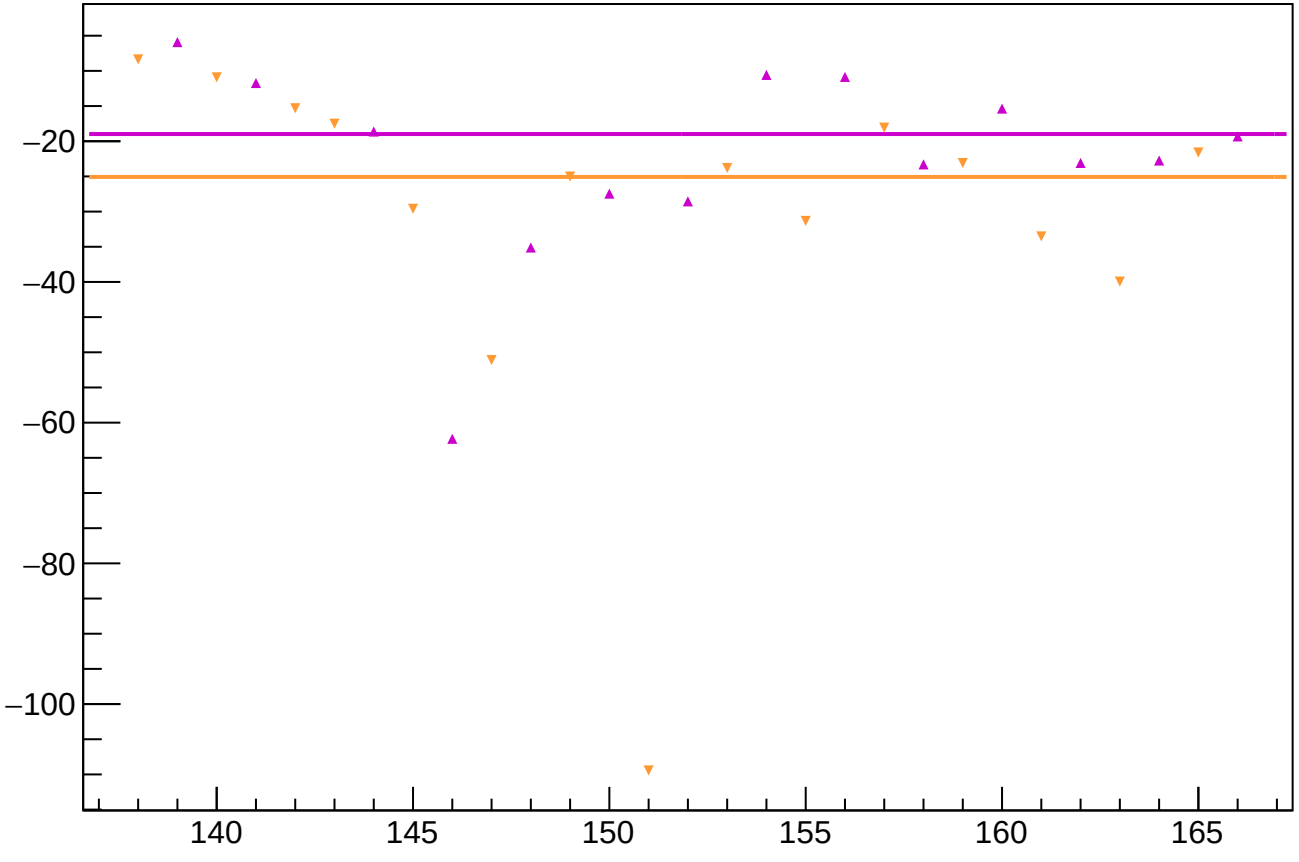
Right: 9.073+/-0.022 χ^2/NDF: 929756.2/35

In: -6.365+/-0.013 χ^2/NDF:781020.6/30

Out: -6.336+/-0.014 χ^2/NDF:1153719.0/33

All: -6.351+/-0.010 χ^2/NDF: 1934742.0/64

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: -25.075+/-0.065 χ^2/NDF:56717.8/14

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

Left In: -18.978+/-0.055 χ^2/NDF:37855.3/13

Left: -21.519+/-0.042 χ^2/NDF: 99651.0/28

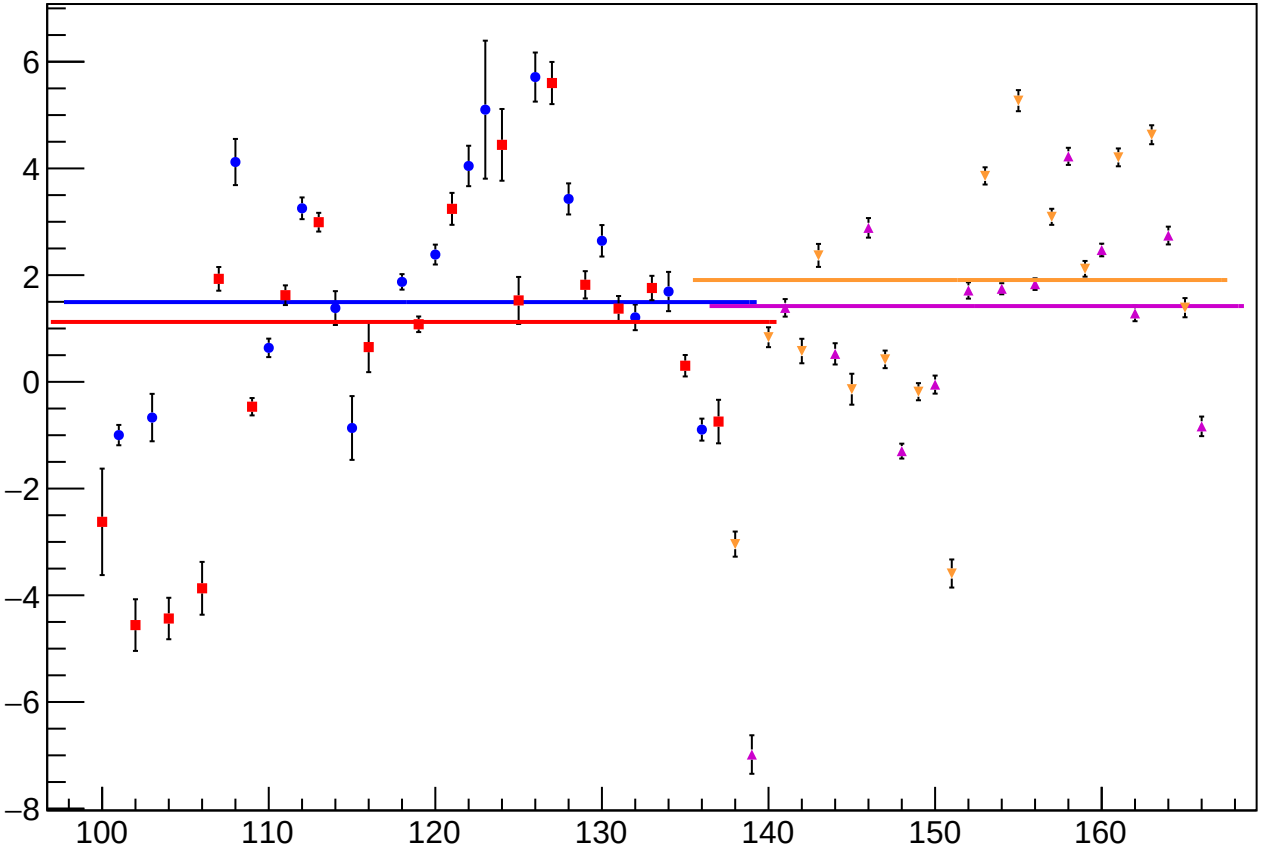
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.978+/-0.055 χ^2/NDF:37855.3/13

Out: -25.075+/-0.065 χ^2/NDF:56717.8/14

All: -21.519+/-0.042 χ^2/NDF: 99651.0/28

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: 1.908+/-0.048 χ^2/NDF:2182.4/14

Right Out: 1.123+/-0.058 χ^2/NDF: 946.5/18

Left In: 1.420+/-0.040 χ^2/NDF:1707.7/13

Left: 1.622+/-0.031 χ^2/NDF: 3951.9/28

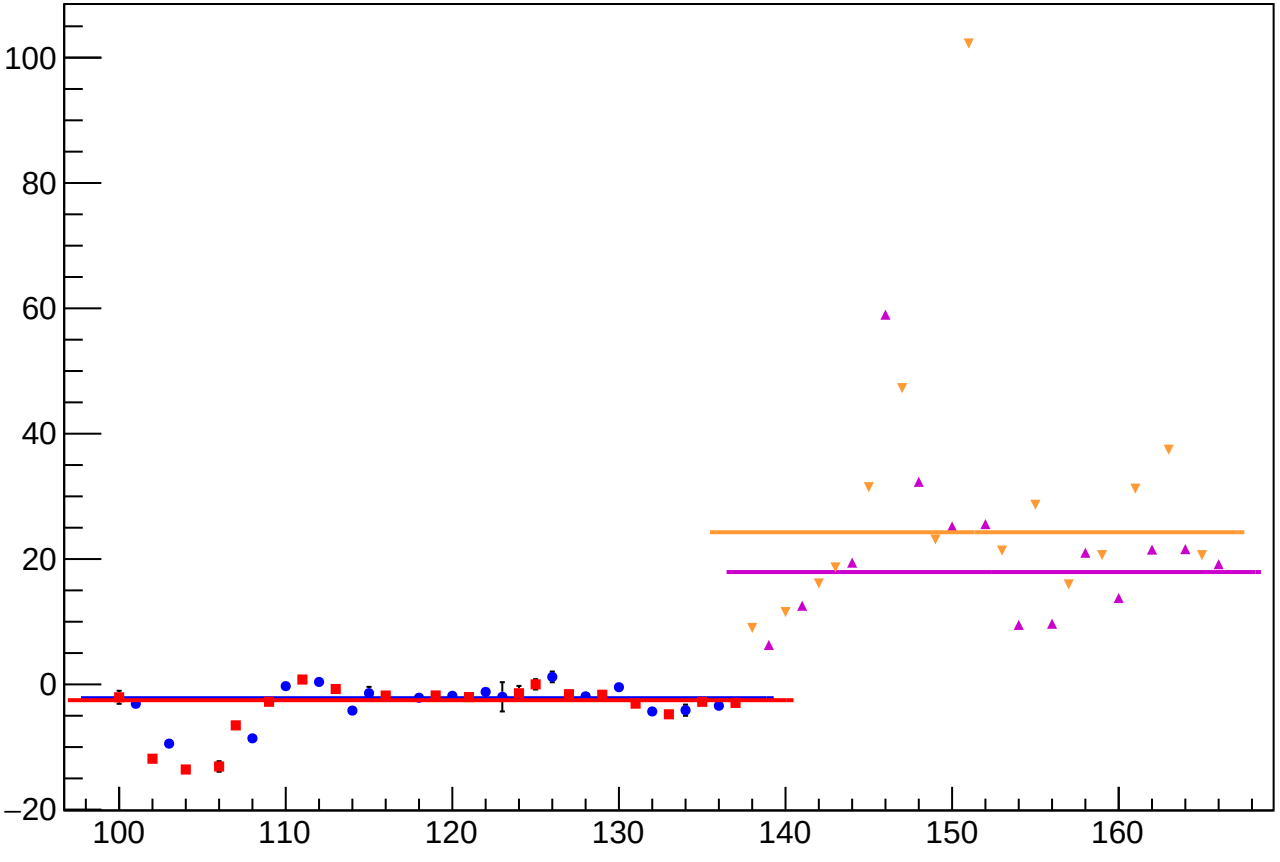
Right: 1.300+/-0.042 χ^2/NDF: 1674.8/35

In: 1.443+/-0.033 χ^2/NDF:2417.5/30

Out: 1.594+/-0.037 χ^2/NDF:3238.1/33

All: 1.511+/-0.025 χ^2/NDF: 5664.9/64

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: 24.278+/-0.064 χ^2/NDF:50830.3/14

Right Out: -2.520+/-0.099 χ^2/NDF: 903.3/18

Left In: 17.925+/-0.053 χ^2/NDF:35752.0/13

Left: 20.528+/-0.041 χ^2/NDF: 92412.8/28

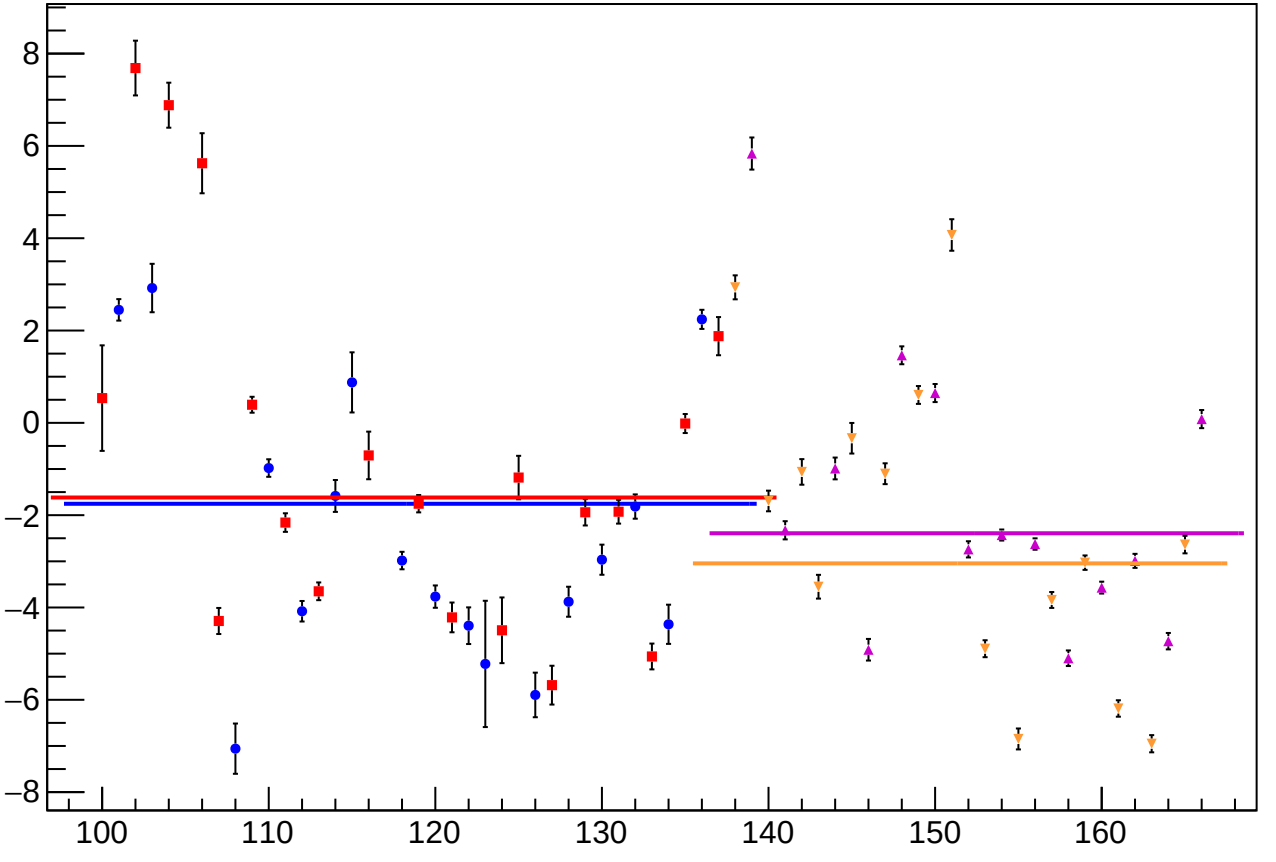
Right: -2.378+/-0.074 χ^2/NDF: 1368.9/35

In: 14.135+/-0.048 χ^2/NDF:63095.7/30

Out: 16.387+/-0.054 χ^2/NDF:103482.3/33

All: 15.135+/-0.036 χ^2/NDF: 167555.9/64

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: -3.045+/-0.054 χ^2/NDF:2711.3/14

Right Out: -1.617+/-0.066 χ^2/NDF: 1487.5/18

Left In: -2.392+/-0.045 χ^2/NDF:2042.0/13

Left: -2.660+/-0.035 χ^2/NDF: 4838.6/28

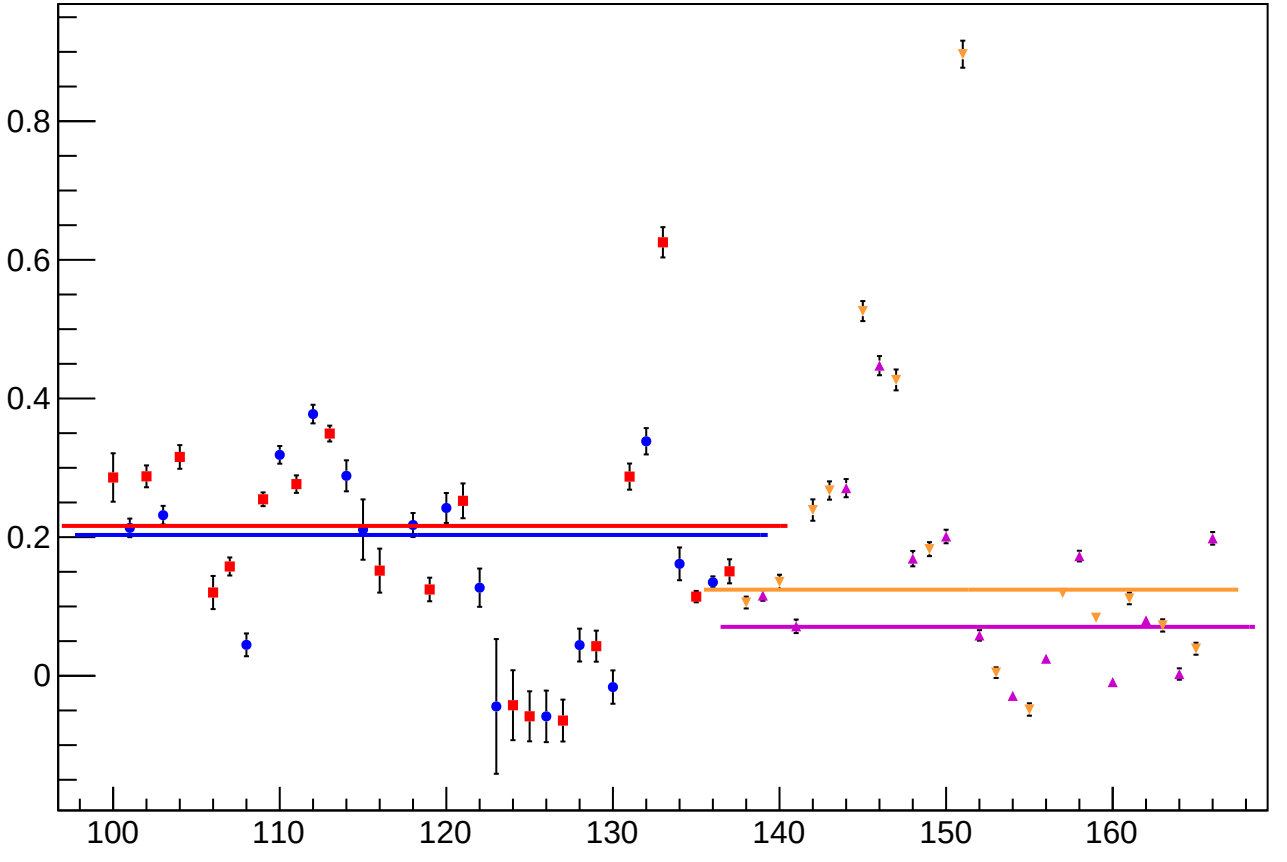
Right: -1.681+/-0.048 χ^2/NDF: 2834.6/35

In: -2.204+/-0.038 χ^2/NDF:3445.4/30

Out: -2.465+/-0.042 χ^2/NDF:4479.1/33

All: -2.322+/-0.028 χ^2/NDF: 7945.7/64

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: 0.124+/-0.002 χ^2/NDF:3731.7/14

Right Out: 0.216+/-0.004 χ^2/NDF: 1067.3/18

Left In: 0.071+/-0.002 χ^2/NDF:2390.0/13

Left: 0.092+/-0.002 χ^2/NDF: 6410.1/28

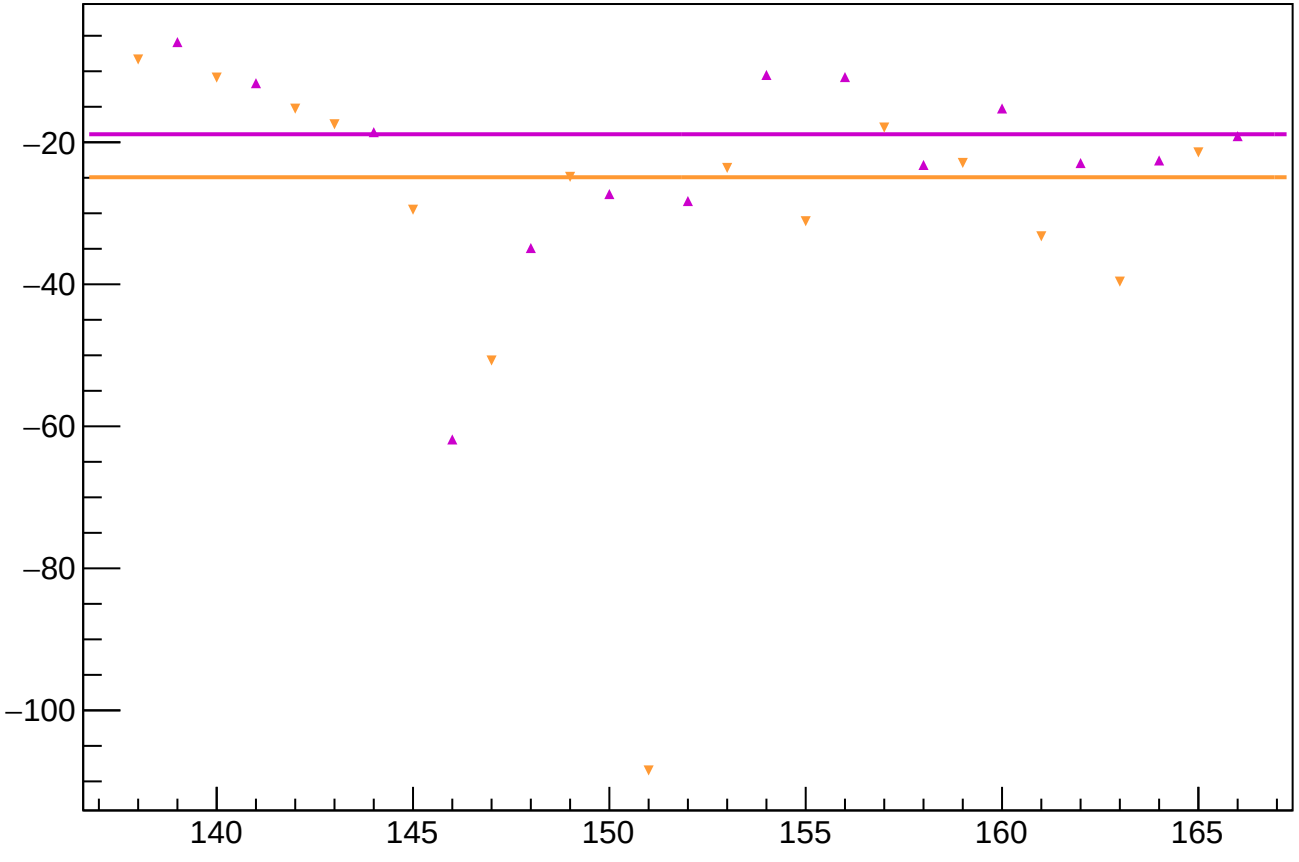
Right: 0.210+/-0.003 χ^2/NDF: 1750.0/35

In: 0.096+/-0.002 χ^2/NDF:3901.9/30

Out: 0.152+/-0.002 χ^2/NDF:5229.5/33

All: 0.120+/-0.001 χ^2/NDF: 9567.5/64

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: -24.924+/-0.065 χ^2/NDF:56532.5/14

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

Left In: -18.869+/-0.055 χ^2/NDF:37766.6/13

Left: -21.392+/-0.042 χ^2/NDF: 99367.5/28

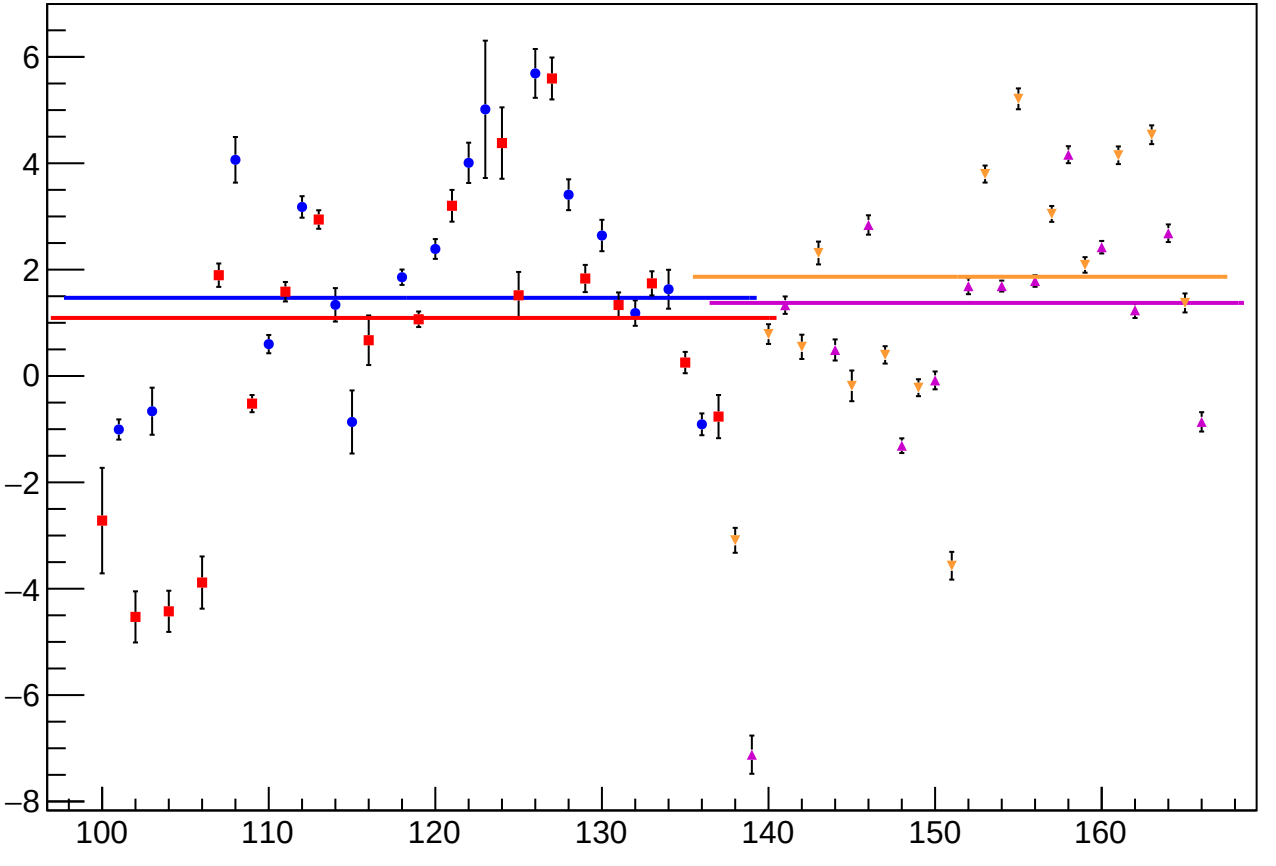
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.869+/-0.055 χ^2/NDF:37766.6/13

Out: -24.924+/-0.065 χ^2/NDF:56532.5/14

All: -21.392+/-0.042 χ^2/NDF: 99367.5/28

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: 1.866+/-0.047 χ^2/NDF:2181.2/14

Right Out: 1.092+/-0.058 χ^2/NDF: 952.1/18

Left In: 1.374+/-0.040 χ^2/NDF:1719.7/13

Left: 1.577+/-0.030 χ^2/NDF: 3964.4/28

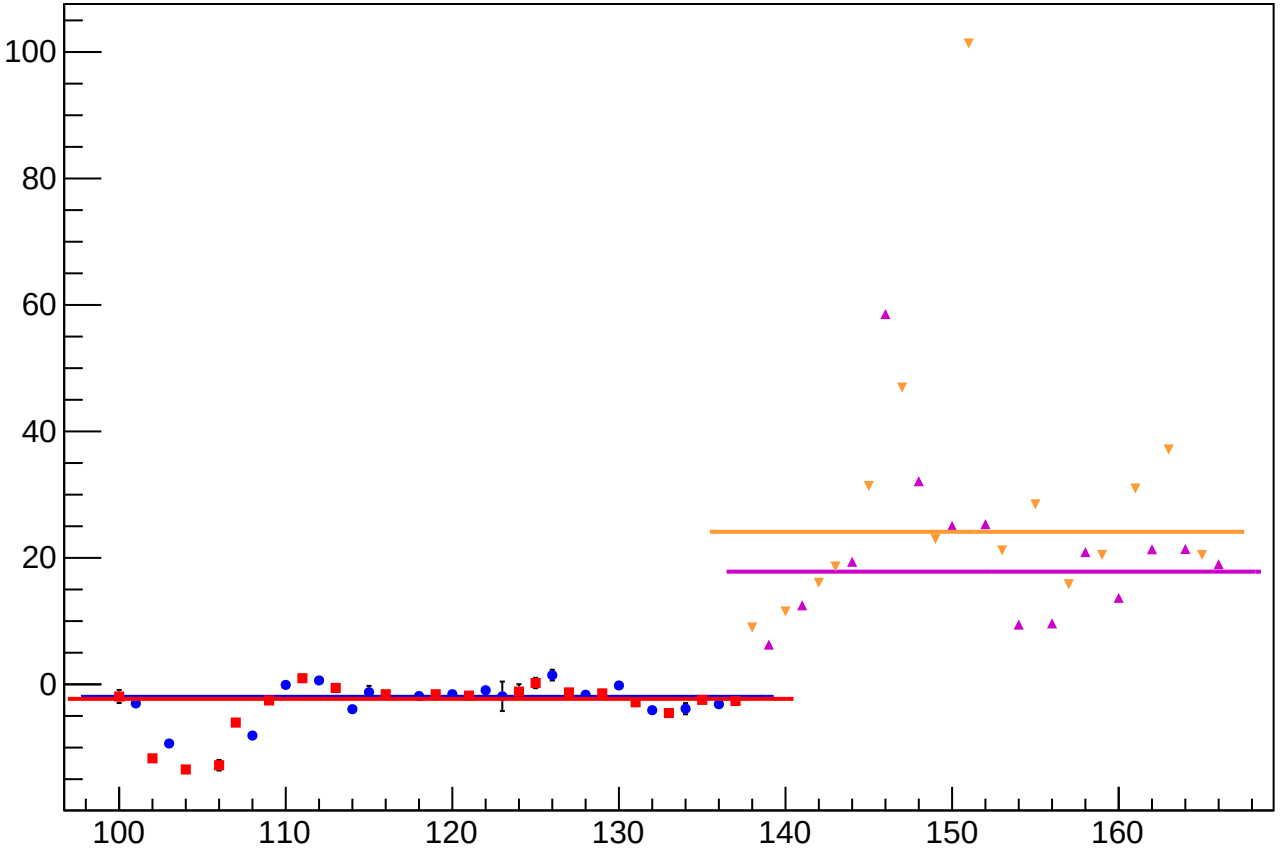
Right: 1.272+/-0.042 χ^2/NDF: 1680.2/35

In: 1.403+/-0.033 χ^2/NDF:2429.3/30

Out: 1.557+/-0.037 χ^2/NDF:3240.4/33

All: 1.472+/-0.025 χ^2/NDF: 5679.5/64

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: 24.126+/-0.064 χ^2/NDF:50692.2/14

Right Out: -2.294+/-0.098 χ^2/NDF: 906.6/18

Left In: 17.822+/-0.053 χ^2/NDF:35676.8/13

Left: 20.406+/-0.041 χ^2/NDF: 92181.7/28

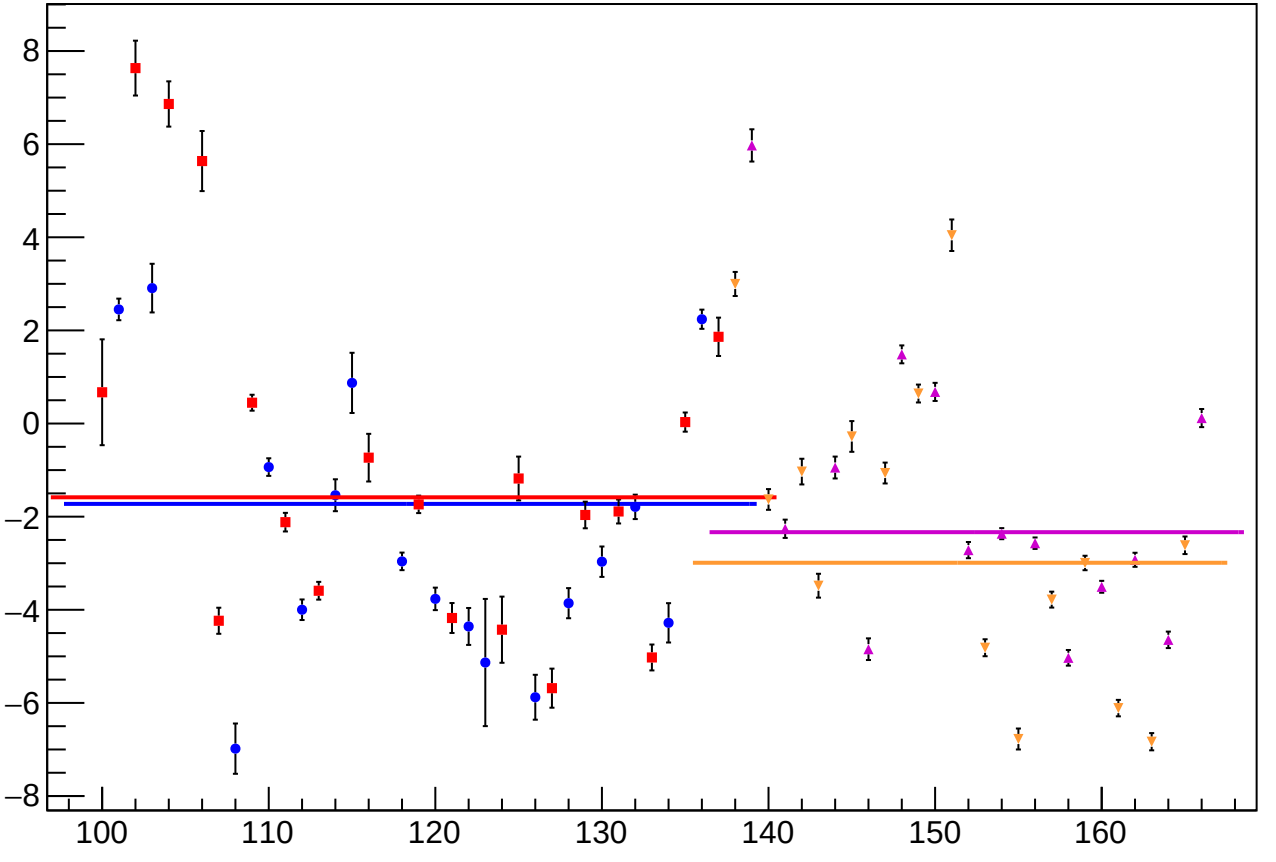
Right: -2.153+/-0.073 χ^2/NDF: 1375.0/35

In: 14.102+/-0.048 χ^2/NDF:62430.5/30

Out: 16.358+/-0.053 χ^2/NDF:102467.2/33

All: 15.104+/-0.036 χ^2/NDF: 165891.6/64

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: -2.990+/-0.054 χ^2/NDF:2708.8/14

Right Out: -1.584+/-0.065 χ^2/NDF: 1492.8/18

Left In: -2.333+/-0.045 χ^2/NDF:2055.5/13

Left: -2.603+/-0.035 χ^2/NDF: 4851.6/28

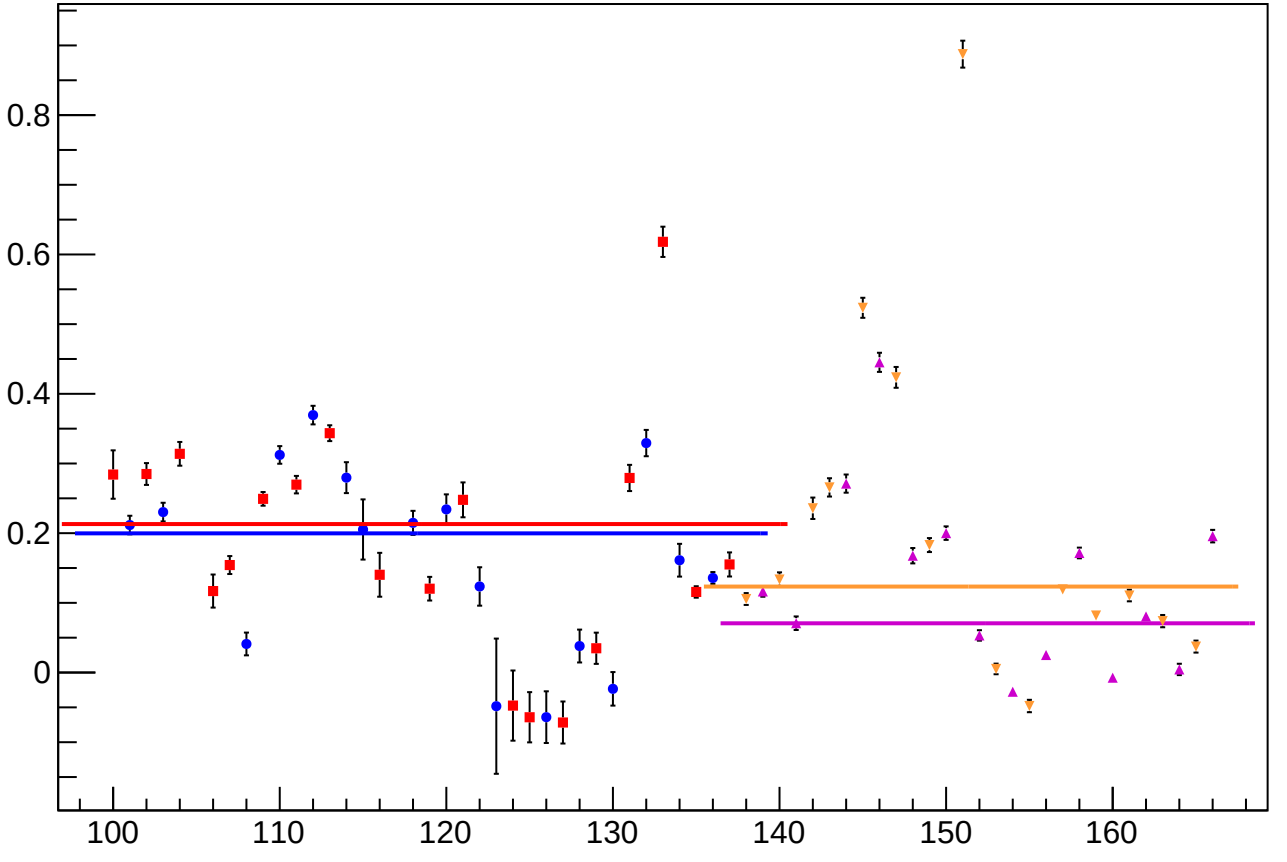
Right: -1.650+/-0.048 χ^2/NDF: 2836.5/35

In: -2.155+/-0.038 χ^2/NDF:3450.3/30

Out: -2.421+/-0.042 χ^2/NDF:4476.3/33

All: -2.275+/-0.028 χ^2/NDF: 7948.8/64

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: 0.123+/-0.002 χ^2/NDF:3726.6/14

Right Out: 0.213+/-0.004 χ^2/NDF: 1050.9/18

Left In: 0.071+/-0.002 χ^2/NDF:2376.3/13

Left: 0.092+/-0.002 χ^2/NDF: 6385.0/28

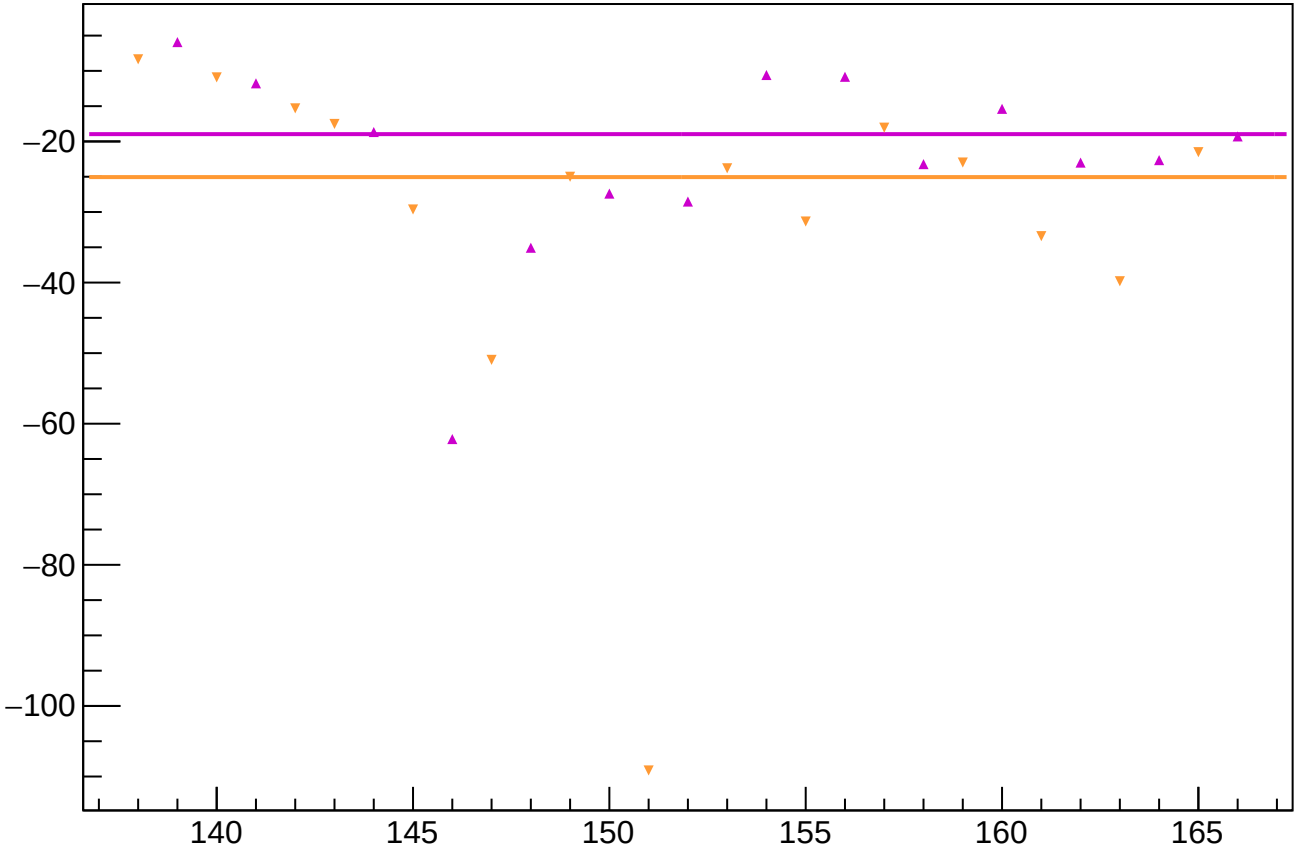
Right: 0.207+/-0.003 χ^2/NDF: 1719.2/35

In: 0.095+/-0.002 χ^2/NDF:3838.7/30

Out: 0.151+/-0.002 χ^2/NDF:5191.6/33

All: 0.119+/-0.001 χ^2/NDF: 9456.6/64

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: -25.053+/-0.065 χ^2/NDF:56660.3/14

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

Left In: -18.964+/-0.055 χ^2/NDF:37824.6/13

Left: -21.500+/-0.042 χ^2/NDF: 99570.8/28

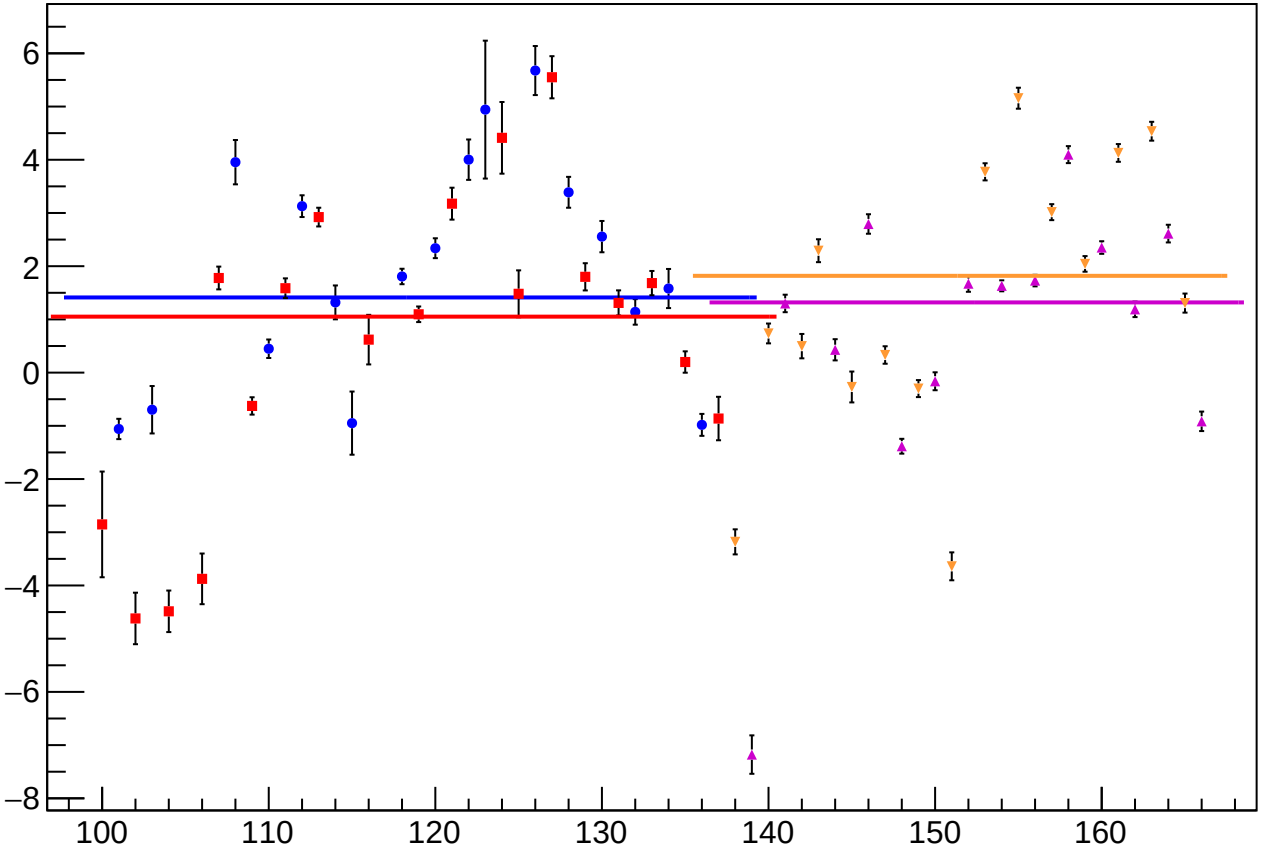
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -18.964+/-0.055 χ^2/NDF:37824.6/13

Out: -25.053+/-0.065 χ^2/NDF:56660.3/14

All: -21.500+/-0.042 χ^2/NDF: 99570.8/28

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: 1.819+/-0.047 χ^2/NDF:2200.2/14

Right Out: 1.052+/-0.058 χ^2/NDF: 963.3/18

Left In: 1.319+/-0.040 χ^2/NDF:1709.2/13

Left: 1.526+/-0.030 χ^2/NDF: 3974.5/28

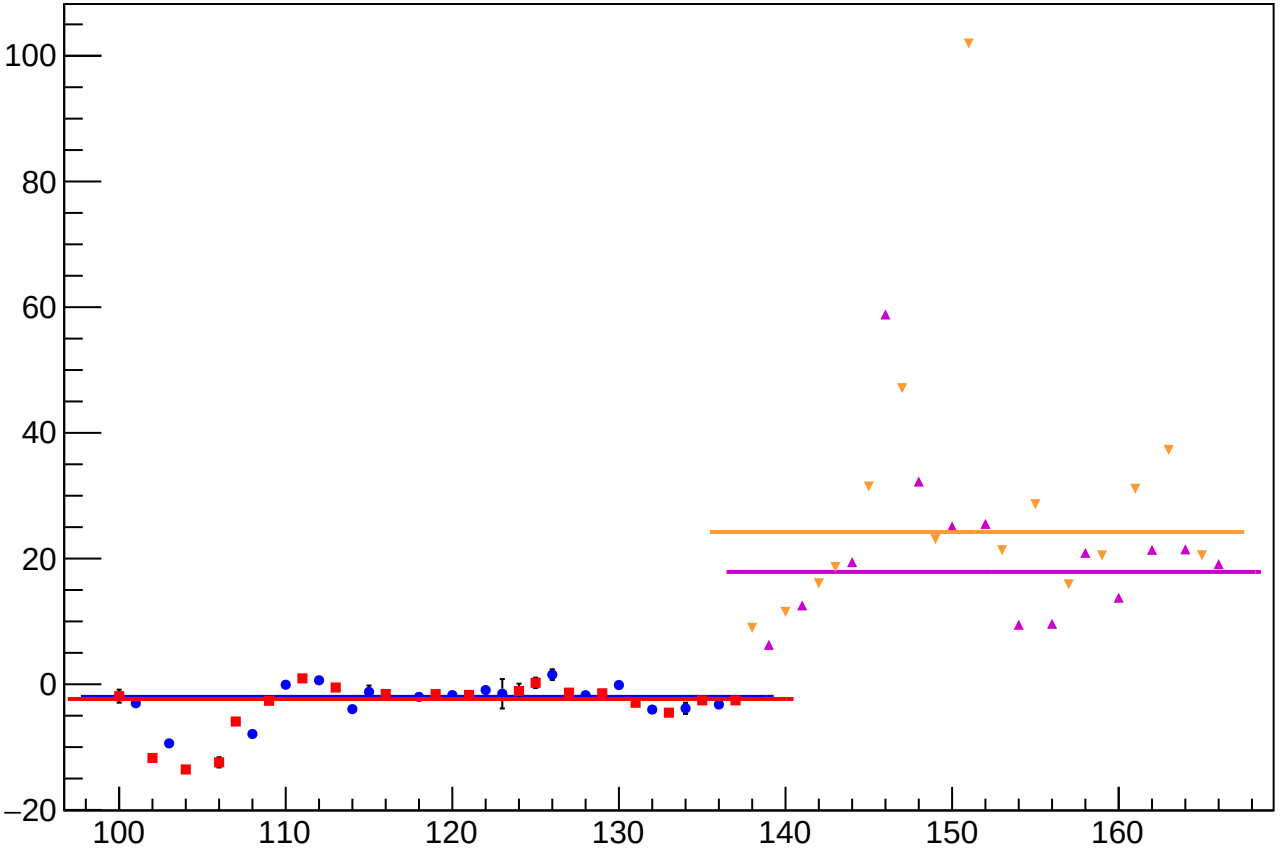
Right: 1.223+/-0.042 χ^2/NDF: 1695.5/35

In: 1.347+/-0.033 χ^2/NDF:2424.7/30

Out: 1.512+/-0.037 χ^2/NDF:3268.1/33

All: 1.422+/-0.025 χ^2/NDF: 5703.9/64

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: 24.220+/-0.064 χ^2/NDF:50801.2/14

Right Out: -2.336+/-0.099 χ^2/NDF: 901.2/18

Left In: 17.876+/-0.053 χ^2/NDF:35747.0/13

Left: 20.475+/-0.041 χ^2/NDF: 92388.6/28

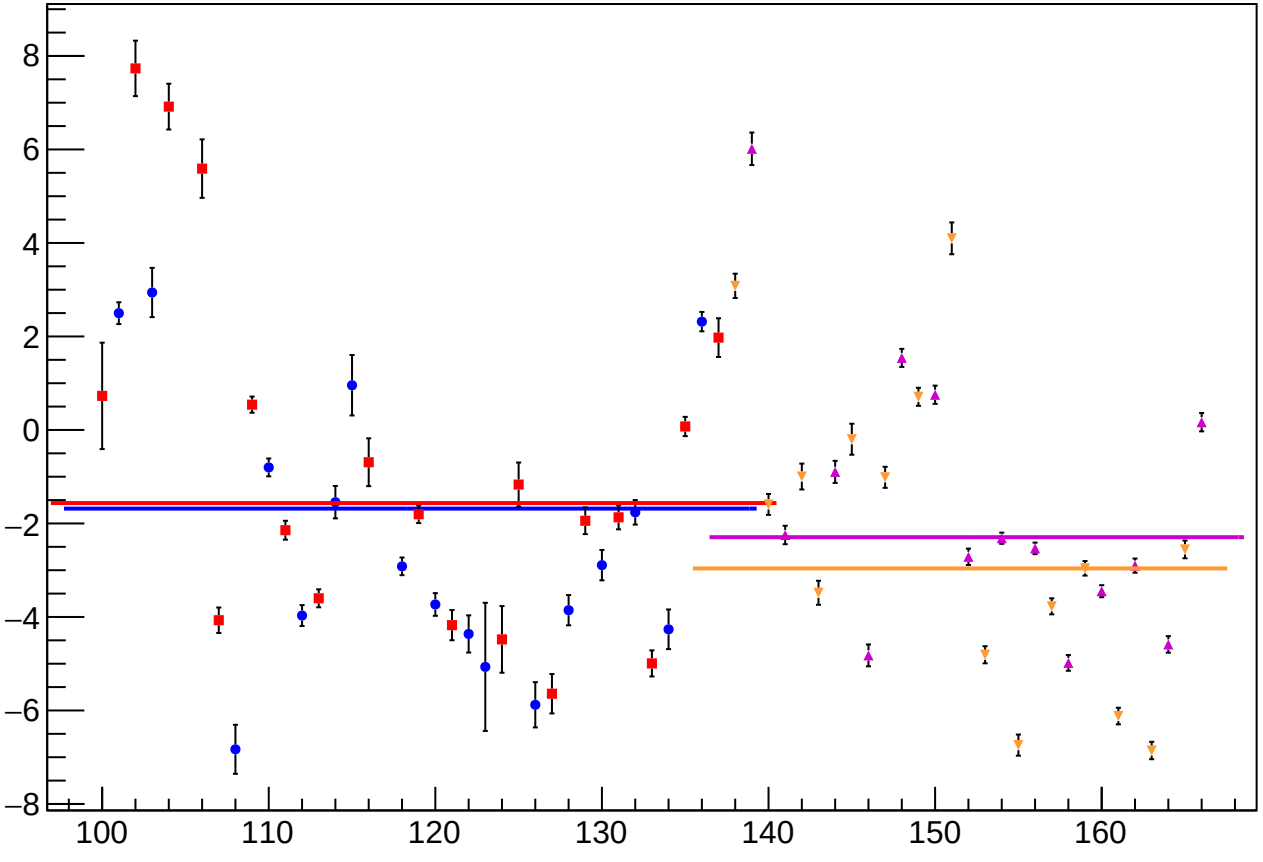
Right: -2.190+/-0.074 χ^2/NDF: 1369.4/35

In: 14.149+/-0.048 χ^2/NDF:62458.2/30

Out: 16.421+/-0.054 χ^2/NDF:102616.1/33

All: 15.158+/-0.036 χ^2/NDF: 166073.2/64

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: -2.962+/-0.054 χ^2/NDF:2734.2/14

Right Out: -1.563+/-0.066 χ^2/NDF: 1504.7/18

Left In: -2.293+/-0.045 χ^2/NDF:2046.1/13

Left: -2.568+/-0.035 χ^2/NDF: 4870.0/28

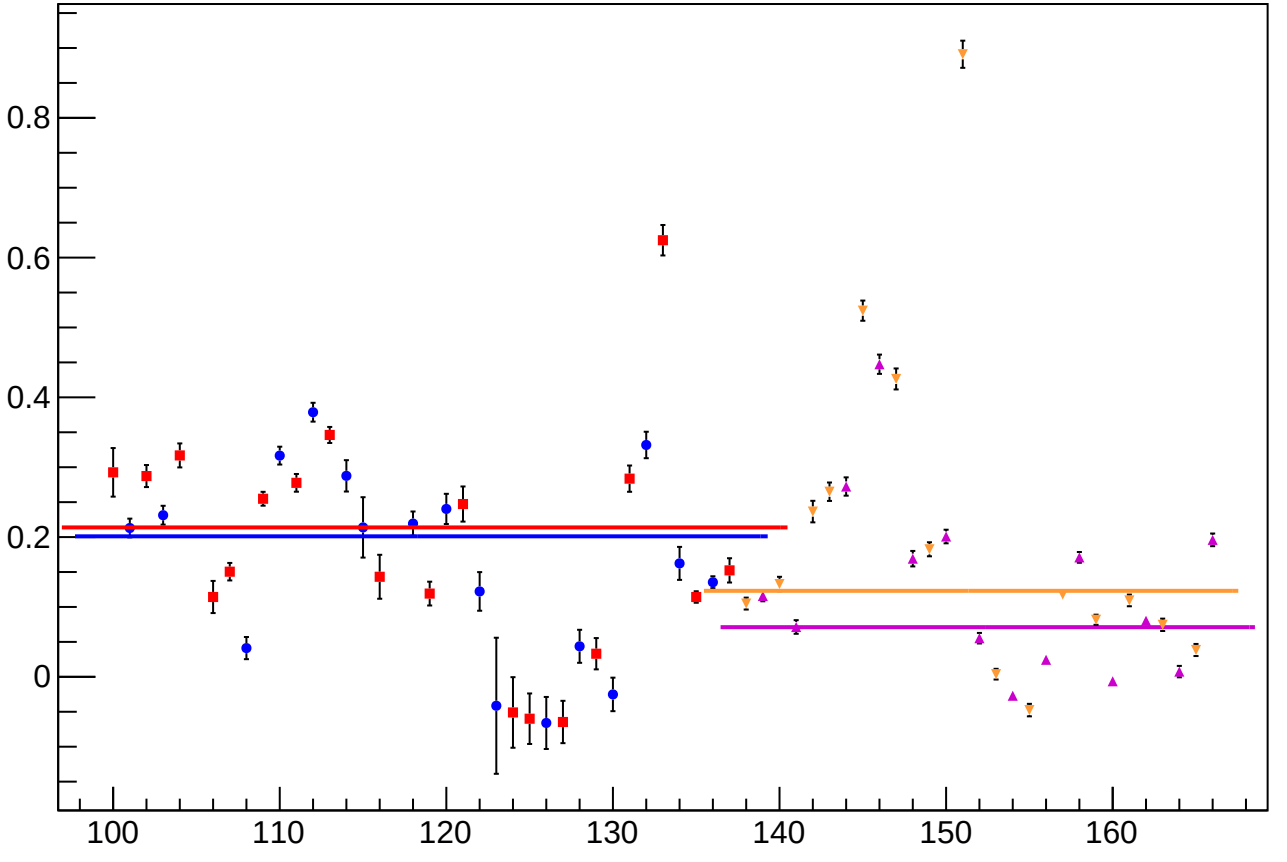
Right: -1.619+/-0.048 χ^2/NDF: 2854.1/35

In: -2.115+/-0.038 χ^2/NDF:3447.5/30

Out: -2.395+/-0.042 χ^2/NDF:4508.7/33

All: -2.242+/-0.028 χ^2/NDF: 7980.8/64

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: 0.123+/-0.002 χ^2/NDF:3714.1/14

Right Out: 0.214+/-0.004 χ^2/NDF: 1083.1/18

Left In: 0.071+/-0.002 χ^2/NDF:2358.5/13

Left: 0.092+/-0.002 χ^2/NDF: 6345.3/28

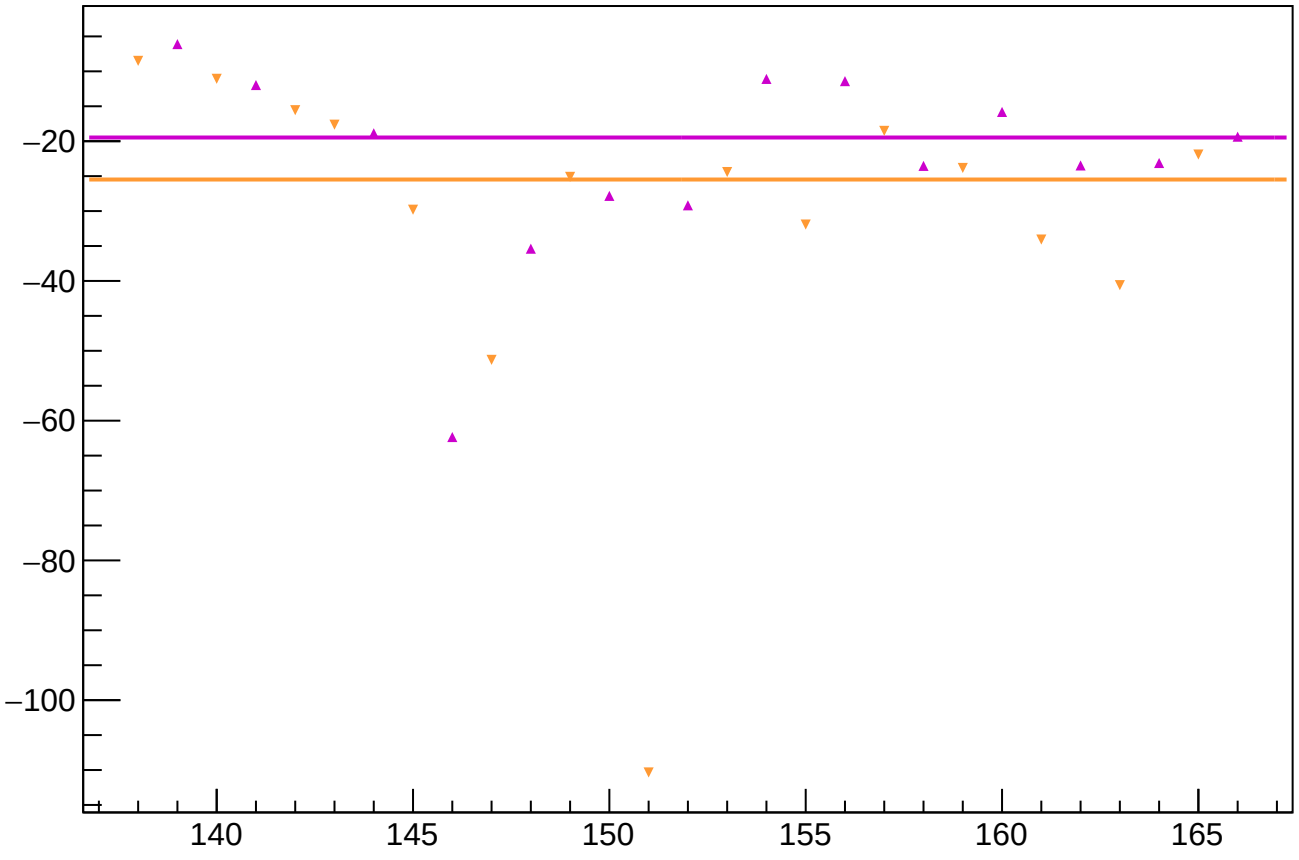
Right: 0.208+/-0.003 χ^2/NDF: 1779.7/35

In: 0.096+/-0.002 χ^2/NDF:3855.5/30

Out: 0.151+/-0.002 χ^2/NDF:5218.7/33

All: 0.120+/-0.001 χ^2/NDF: 9490.4/64

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: -25.483+/-0.066 χ^2/NDF:56583.9/14

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

Left In: -19.471+/-0.056 χ^2/NDF:36703.5/13

Left: -21.994+/-0.043 χ^2/NDF: 98057.5/28

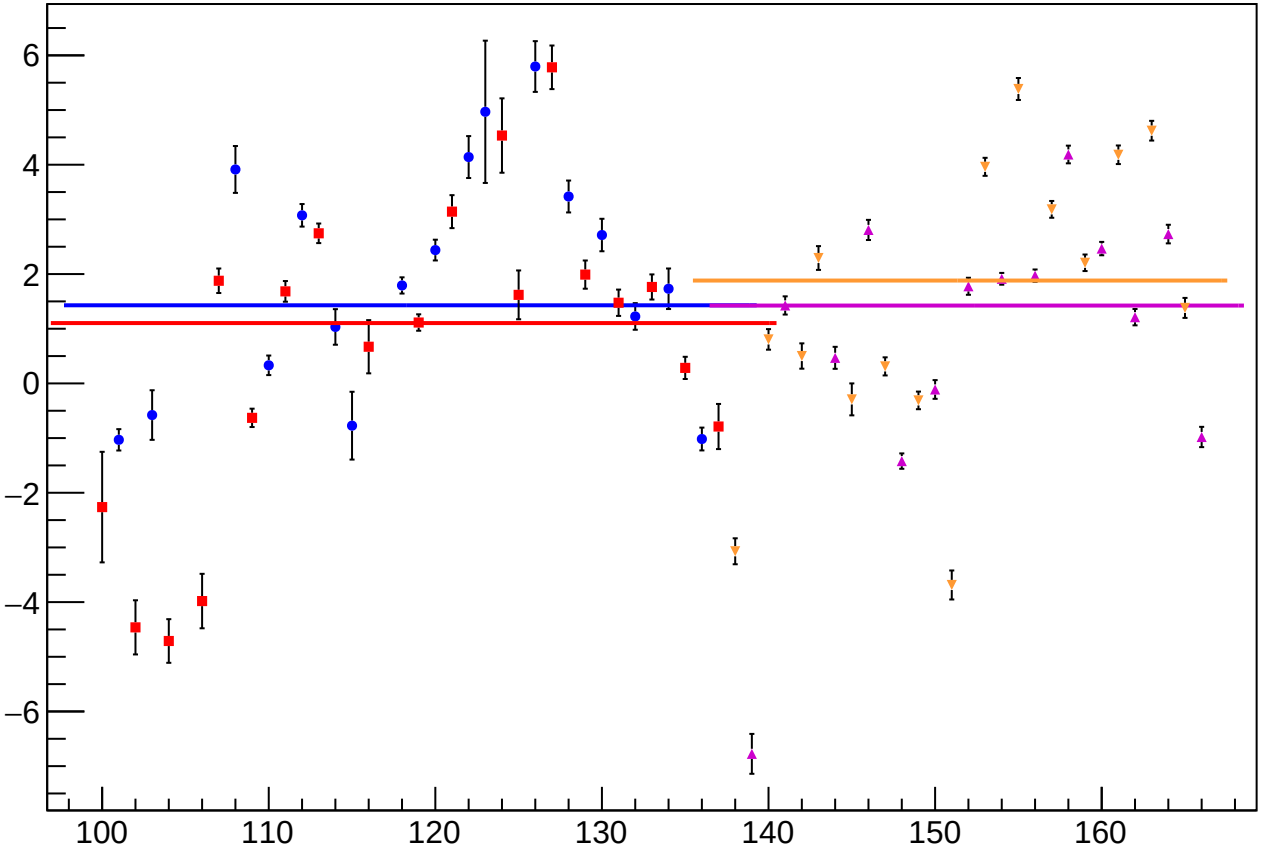
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.471+/-0.056 χ^2/NDF:36703.5/13

Out: -25.483+/-0.066 χ^2/NDF:56583.9/14

All: -21.994+/-0.043 χ^2/NDF: 98057.5/28

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: 1.881+/-0.048 χ^2/NDF:2238.6/14

Right Out: 1.104+/-0.059 χ^2/NDF: 936.5/18

Left In: 1.424+/-0.041 χ^2/NDF:1715.5/13

Left: 1.615+/-0.031 χ^2/NDF: 4006.6/28

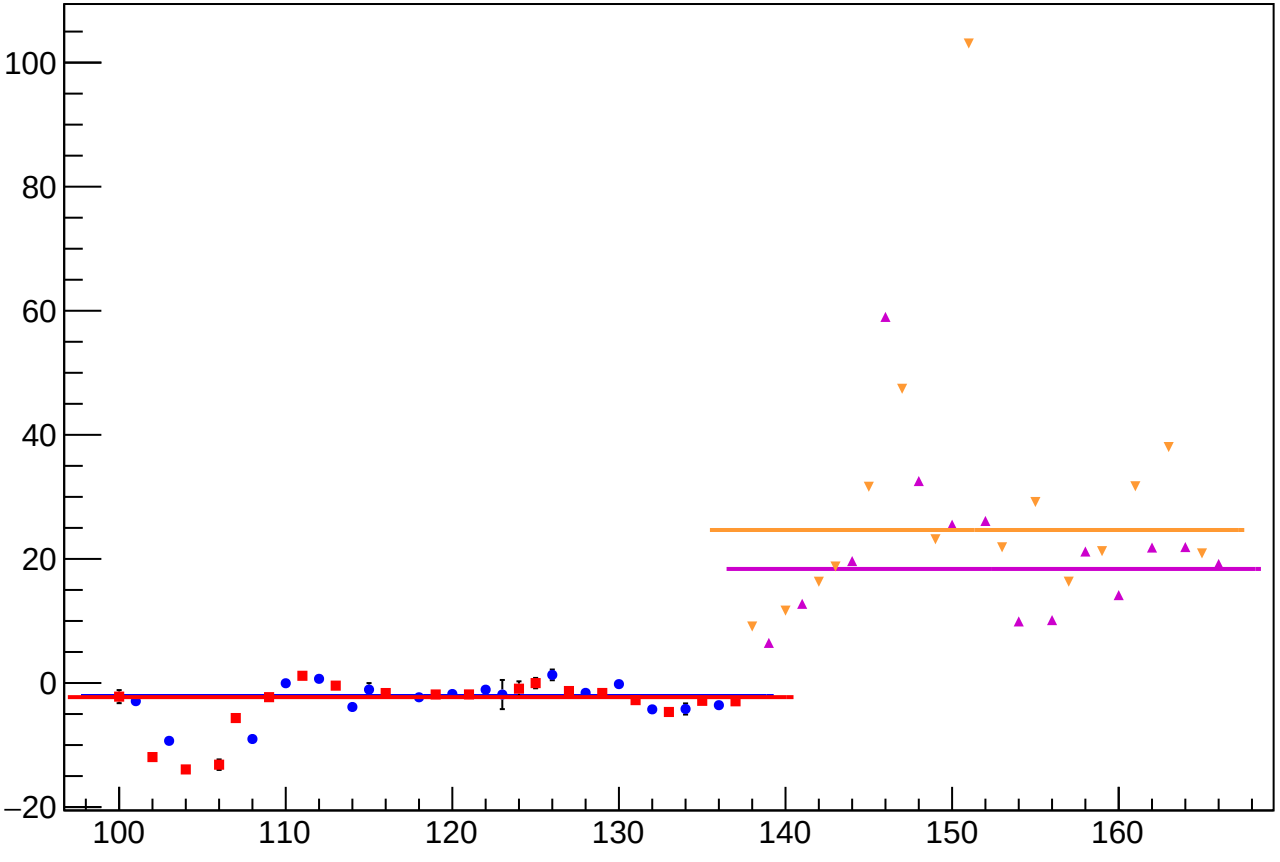
Right: 1.259+/-0.043 χ^2/NDF: 1662.3/35

In: 1.425+/-0.034 χ^2/NDF:2427.0/30

Out: 1.572+/-0.037 χ^2/NDF:3278.6/33

All: 1.492+/-0.025 χ^2/NDF: 5714.0/64

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: 24.663+/-0.065 χ^2/NDF:50580.3/14

Right Out: -2.278+/-0.101 χ^2/NDF: 918.6/18

Left In: 18.384+/-0.054 χ^2/NDF:34509.4/13

Left: 20.977+/-0.042 χ^2/NDF: 90584.7/28

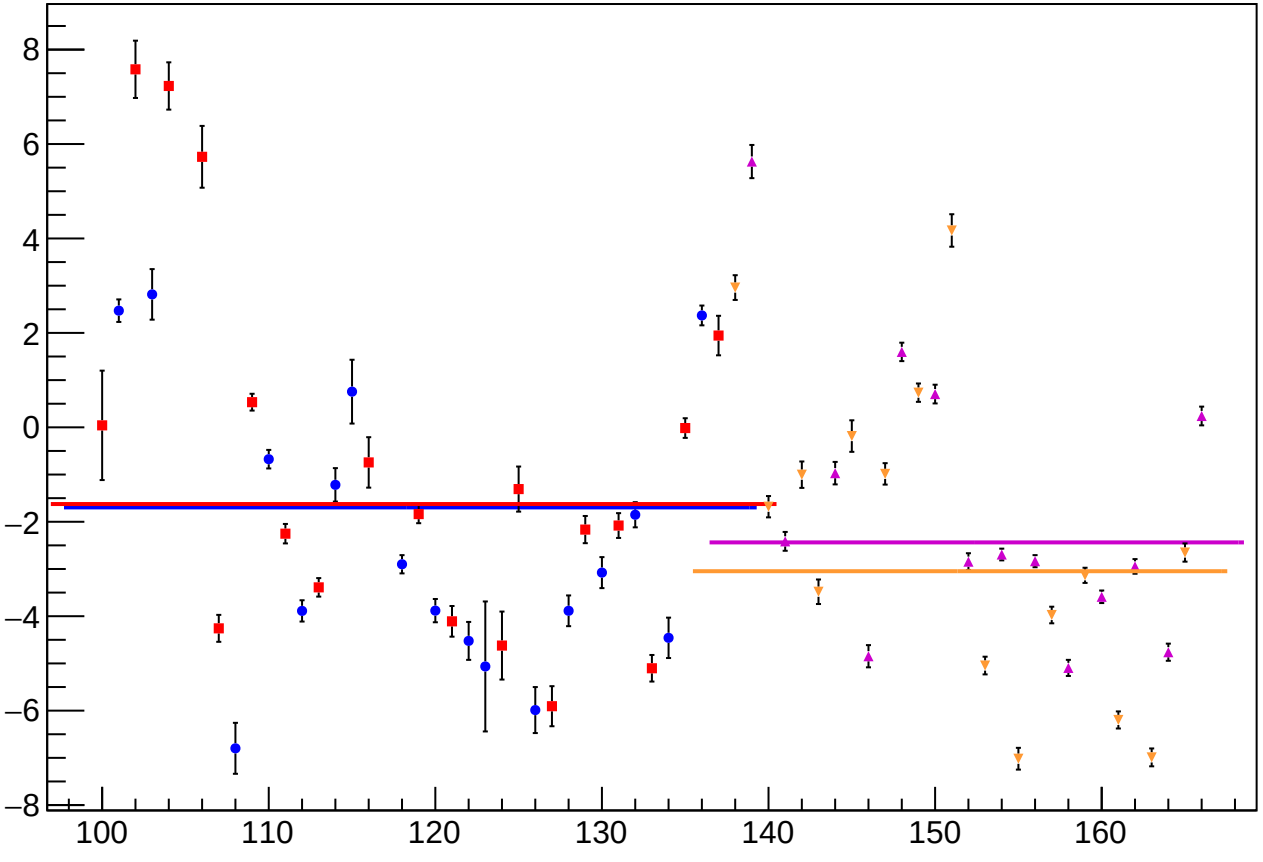
Right: -2.196+/-0.075 χ^2/NDF: 1406.6/35

In: 14.506+/-0.049 χ^2/NDF:61811.5/30

Out: 16.791+/-0.055 χ^2/NDF:101850.5/33

All: 15.525+/-0.036 χ^2/NDF: 164632.2/64

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: -3.047+/-0.055 χ^2/NDF:2771.9/14

Right Out: -1.624+/-0.067 χ^2/NDF: 1467.3/18

Left In: -2.437+/-0.046 χ^2/NDF:2041.8/13

Left: -2.689+/-0.035 χ^2/NDF: 4885.4/28

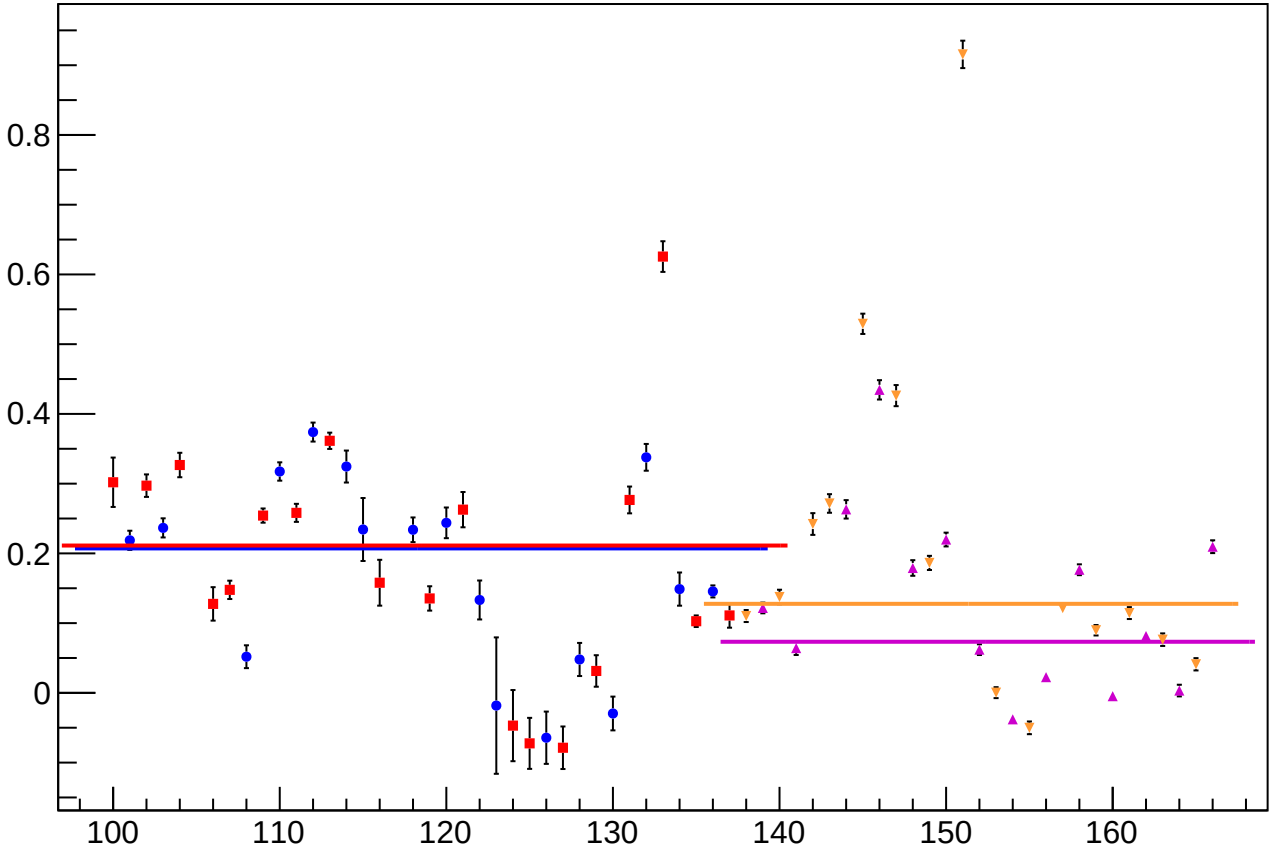
Right: -1.658+/-0.049 χ^2/NDF: 2801.2/35

In: -2.218+/-0.039 χ^2/NDF:3450.7/30

Out: -2.472+/-0.043 χ^2/NDF:4508.1/33

All: -2.334+/-0.029 χ^2/NDF: 7978.2/64

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: 0.128+/-0.002 χ^2/NDF:3764.7/14

Right Out: 0.211+/-0.004 χ^2/NDF: 1145.7/18

Left In: 0.073+/-0.002 χ^2/NDF:2437.7/13

Left: 0.095+/-0.002 χ^2/NDF: 6488.0/28

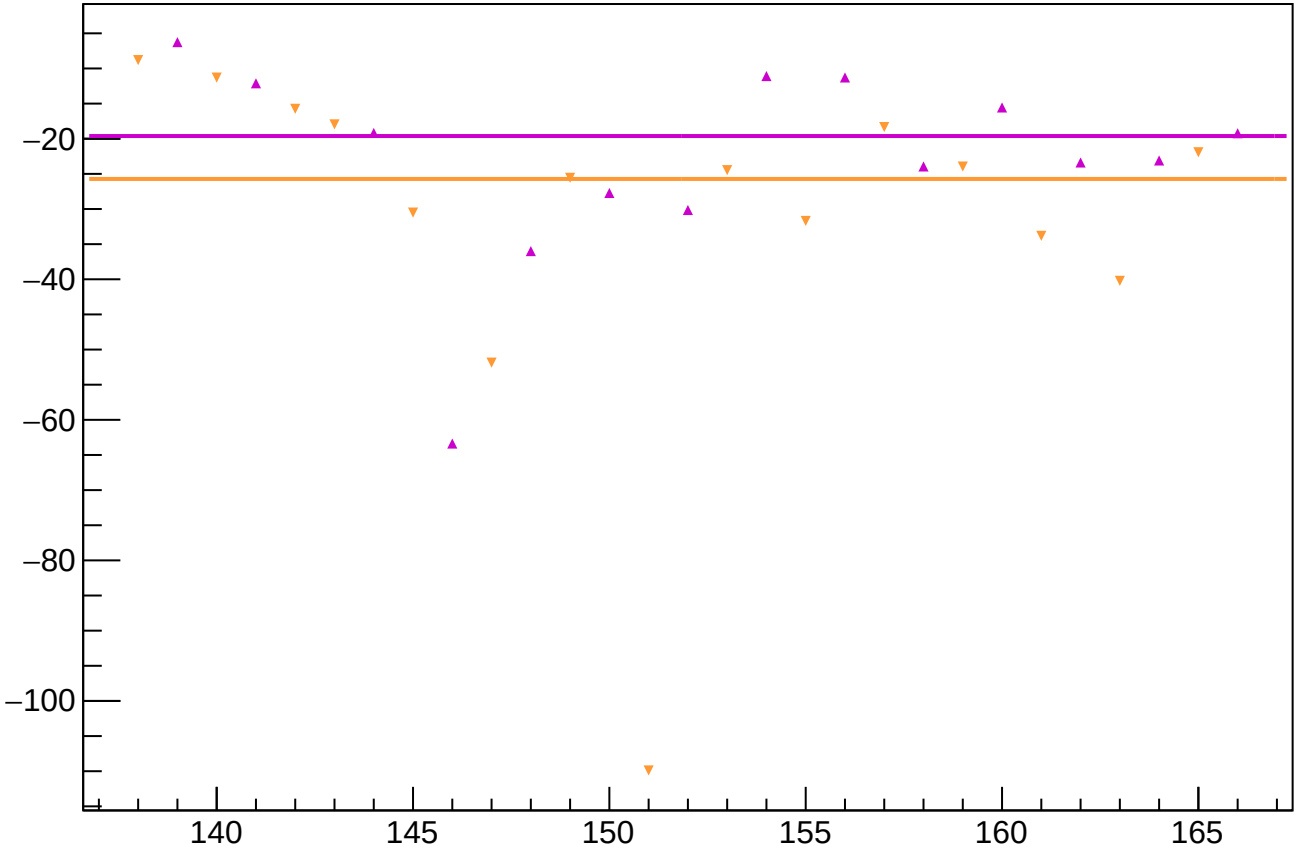
Right: 0.209+/-0.003 χ^2/NDF: 1802.5/35

In: 0.099+/-0.002 χ^2/NDF:3916.2/30

Out: 0.153+/-0.002 χ^2/NDF:5254.3/33

All: 0.123+/-0.001 χ^2/NDF: 9555.7/64

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: -25.720+/-0.067 χ^2/NDF:55338.7/14

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

Left In: -19.616+/-0.057 χ^2/NDF:36961.2/13

Left: -22.186+/-0.043 χ^2/NDF: 97101.2/28

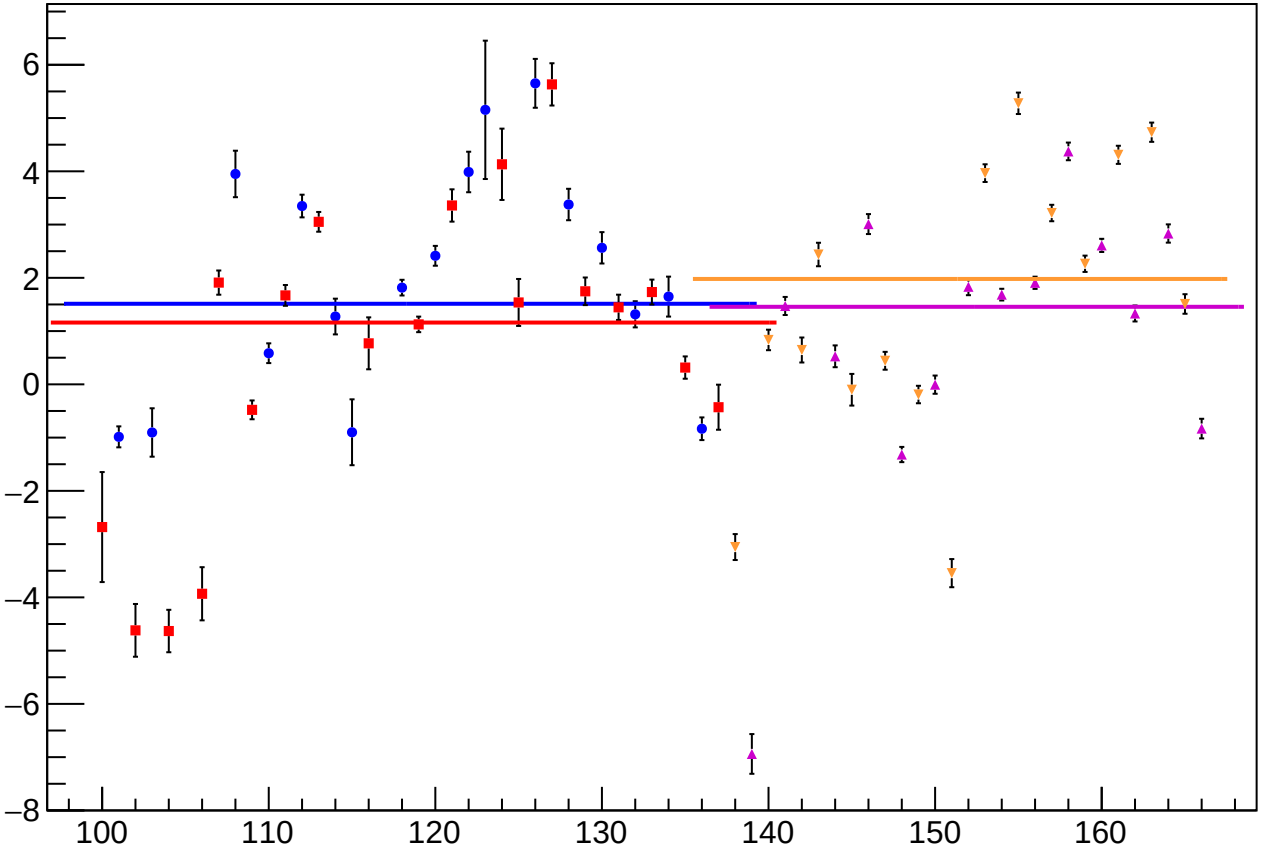
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: -19.616+/-0.057 χ^2/NDF:36961.2/13

Out: -25.720+/-0.067 χ^2/NDF:55338.7/14

All: -22.186+/-0.043 χ^2/NDF: 97101.2/28

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: 1.979+/-0.049 χ^2/NDF:2150.3/14

Right Out: 1.160+/-0.060 χ^2/NDF: 917.0/18

Left In: 1.456+/-0.041 χ^2/NDF:1686.5/13

Left: 1.675+/-0.032 χ^2/NDF: 3903.9/28

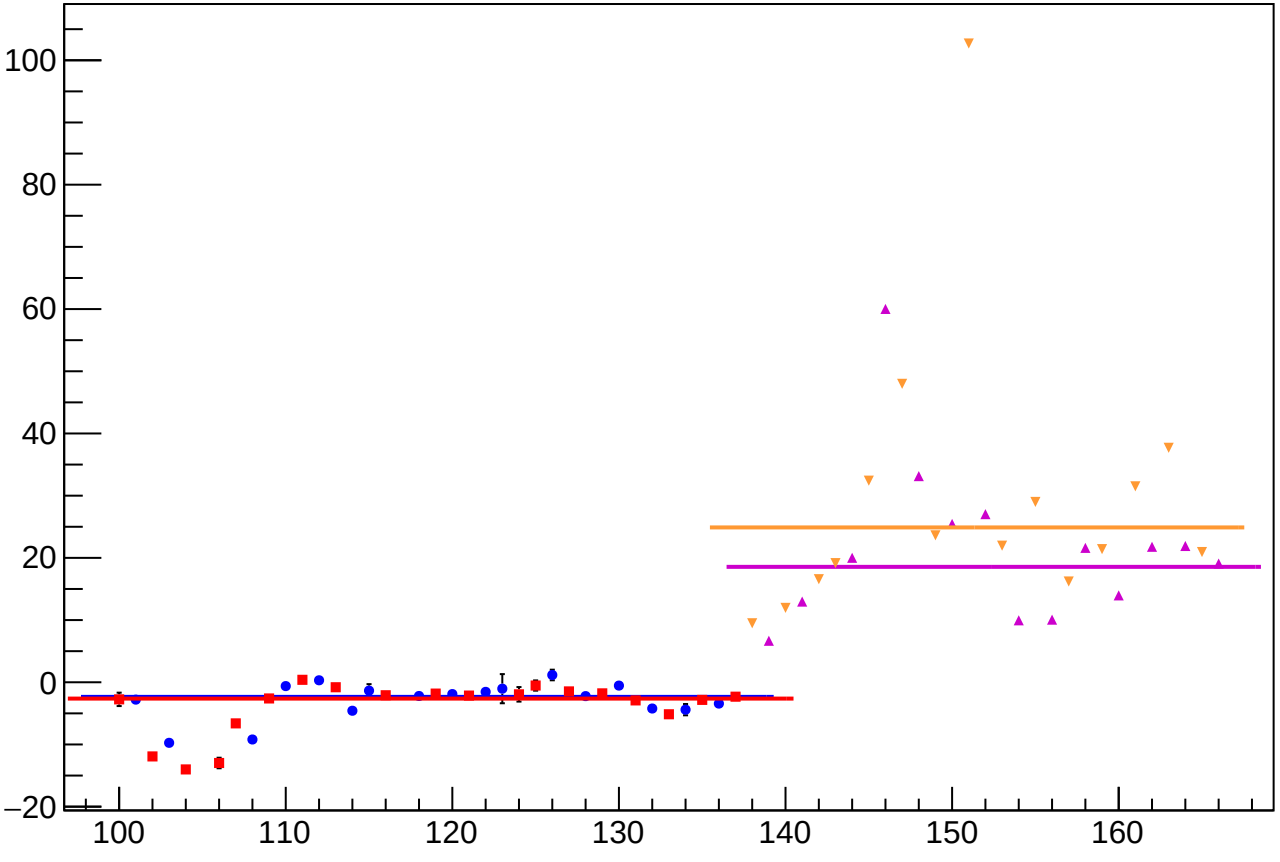
Right: 1.329+/-0.043 χ^2/NDF: 1603.3/35

In: 1.473+/-0.035 χ^2/NDF:2356.8/30

Out: 1.654+/-0.038 χ^2/NDF:3179.5/33

All: 1.555+/-0.025 χ^2/NDF: 5548.7/64

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: 24.894+/-0.066 χ^2/NDF:49615.0/14

Right Out: -2.624+/-0.103 χ^2/NDF: 840.4/18

Left In: 18.556+/-0.055 χ^2/NDF:34794.5/13

Left: 21.184+/-0.042 χ^2/NDF: 89883.7/28

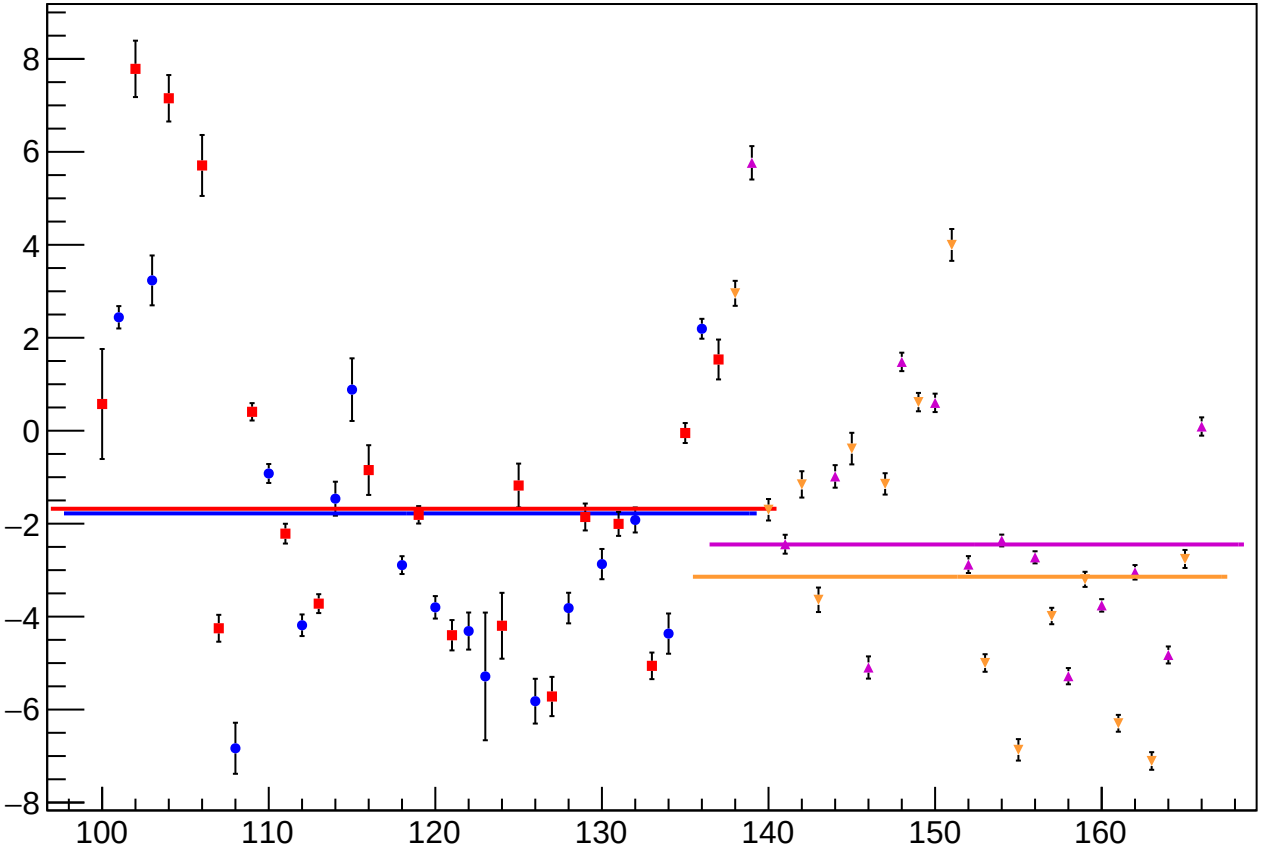
Right: -2.501+/-0.077 χ^2/NDF: 1283.3/35

In: 14.607+/-0.050 χ^2/NDF:62369.2/30

Out: 16.988+/-0.055 χ^2/NDF:101096.2/33

All: 15.669+/-0.037 χ^2/NDF: 164490.0/64

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: -3.142+/-0.056 χ^2/NDF:2665.4/14

Right Out: -1.679+/-0.068 χ^2/NDF: 1429.6/18

Left In: -2.448+/-0.047 χ^2/NDF:2027.7/13

Left: -2.736+/-0.036 χ^2/NDF: 4784.0/28

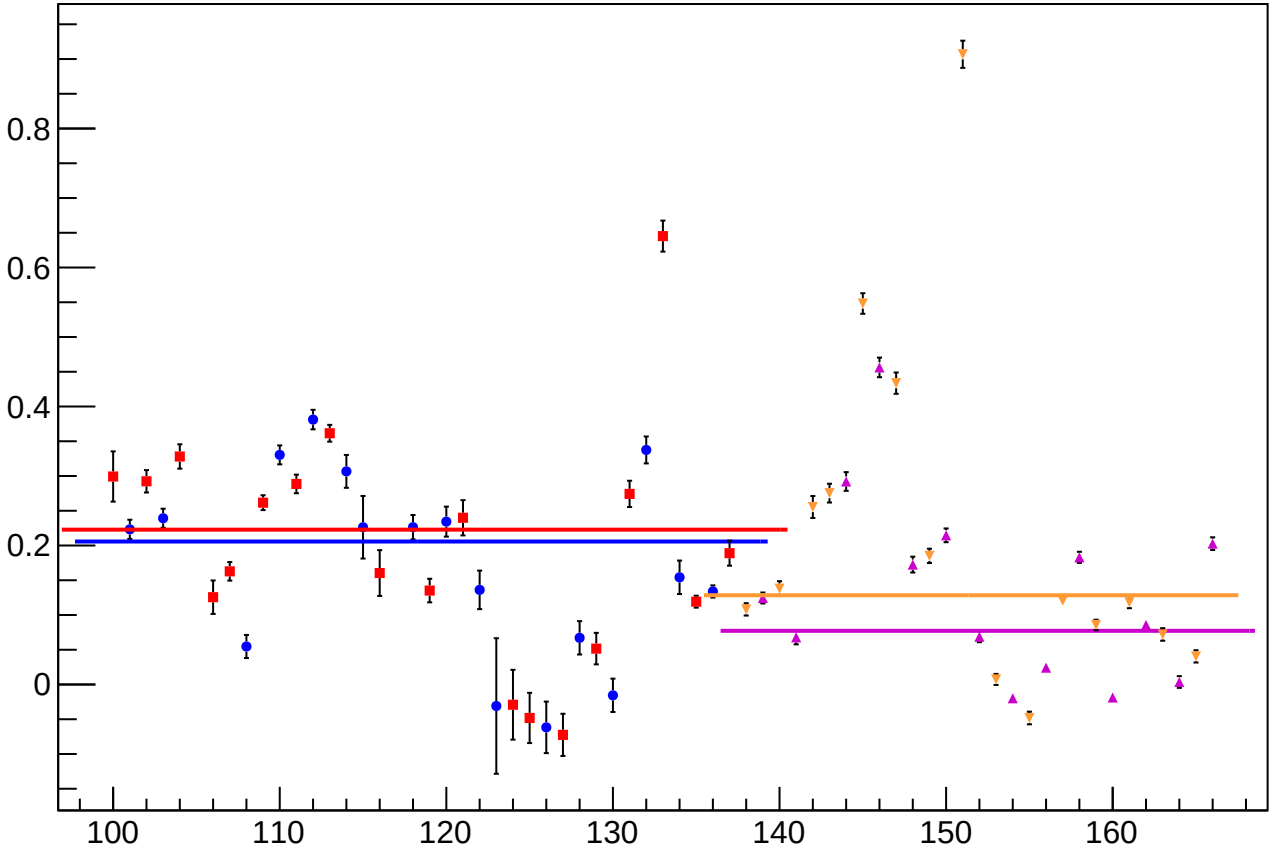
Right: -1.726+/-0.050 χ^2/NDF: 2702.6/35

In: -2.249+/-0.039 χ^2/NDF:3360.0/30

Out: -2.555+/-0.043 χ^2/NDF:4371.9/33

All: -2.388+/-0.029 χ^2/NDF: 7759.4/64

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: 0.128+/-0.003 χ^2/NDF:3780.1/14

Right Out: 0.223+/-0.004 χ^2/NDF: 1042.2/18

Left In: 0.077+/-0.002 χ^2/NDF:2410.6/13

Left: 0.098+/-0.002 χ^2/NDF: 6437.8/28

Right: 0.215+/-0.003 χ^2/NDF: 1702.9/35

In: 0.102+/-0.002 χ^2/NDF:3799.8/30

Out: 0.157+/-0.002 χ^2/NDF:5246.3/33

All: 0.126+/-0.001 χ^2/NDF: 9429.8/64